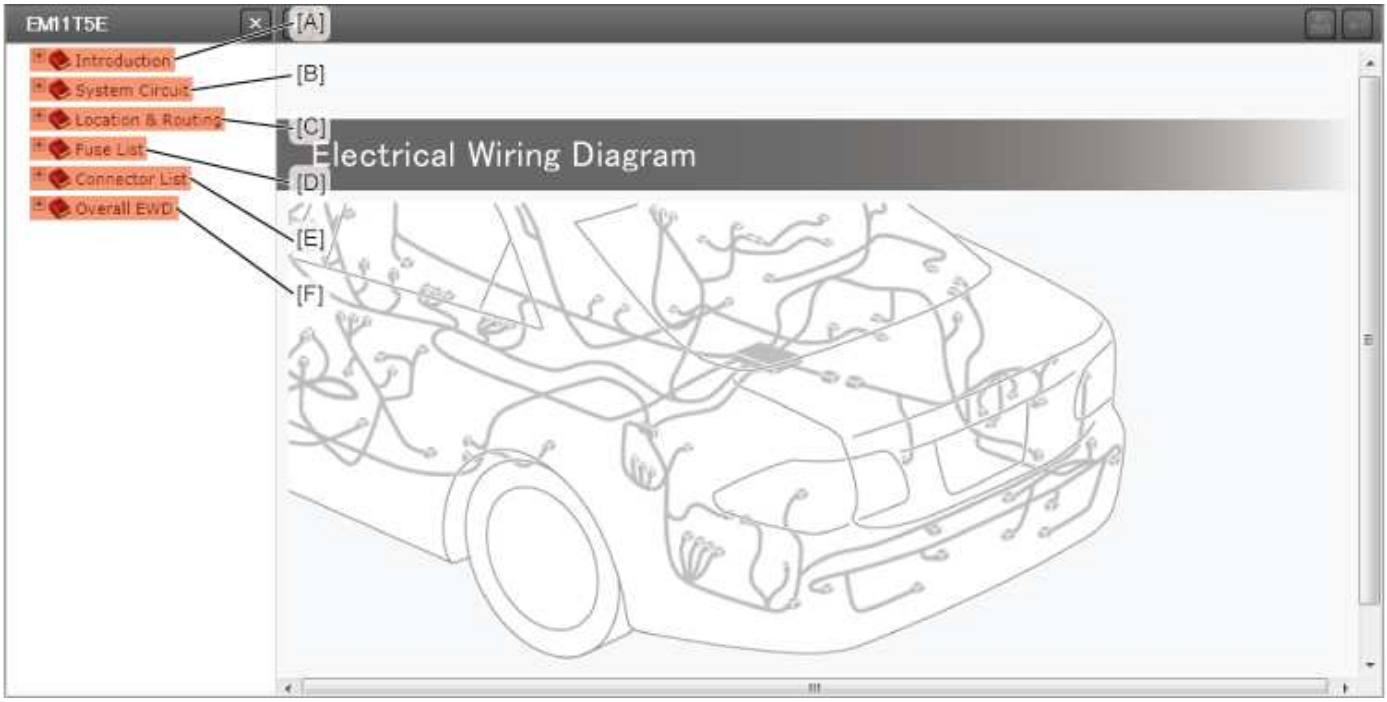
Print Exit

How to use this manual

Contents of the Manual

The manual consists of the following sections.



[A]: Introduction

Indicates the contents of this manual, provides instructions on how to use the manual, and defines the abbreviations and symbols used in this manual.

[B]: System Circuit

Indicates the power source and ground point circuits, and the circuit diagrams for each system. (Only the wiring information for complete circuits is included.)

[C]: Location & Routing

Indicates where the wire harnesses, connectors and ground points are located in each vehicle section such as the engine compartment and instrument panel. Also indicates the locations of the relays, relay blocks (R/B), antennas, ECU, etc. along with the inner circuits as the relay locations in each vehicle section.

[D]: Fuse List

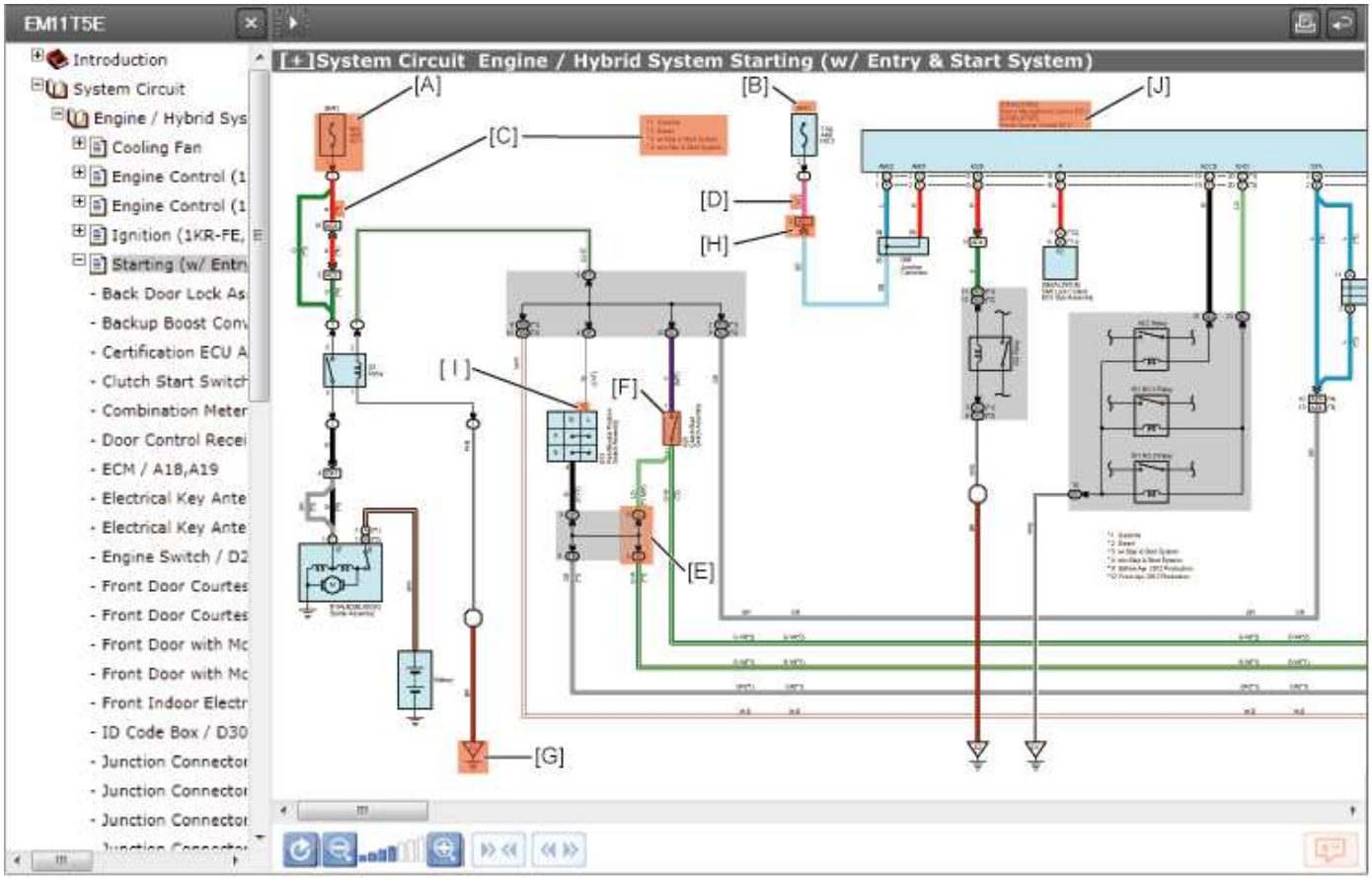
Provides the list of each of the power source (fuse and fusible link) locations and the related system data for each vehicle section.

[E]: Connector List

Provides the detailed information (shape, repair information, part No., etc.) on each connector and ground point for each wire harness. Also indicates the related systems and references the "Location and Routing".

System Circuit

Electrical circuits of each system are shown from the fuses to the ground points for each function. The power source circuits are shown from the vehicle power source (batteries) to the fuses, and the ground point circuits are shown from the ground points to the parts.



[A]: Fuse

Indicates the name and capacity of the fuse.

HINT:

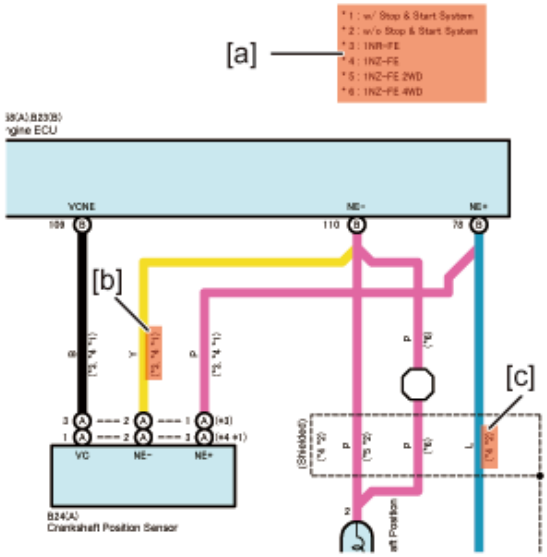
Refer to the "Location & Routing".

[B]: Power Source System Identification

Indicates the ignition key position(s) when the power is supplied to the fuse(s).

[C]: Specification Identification

( ) is used to indicate different connector, wiring, wiring color, etc. when the vehicle model, engine type, specification, etc., are different.



How to see the differences

- When [b]: (*3,*4 *1)

  See [a] *3:1NR-FE
  *4:1NZ-FE
  *1:w/ Stop & Start System

  Indication: 1NR-FE (*3) or 1NZ-FE (*4) and w/ Stop & Start System (*1)

- When [c]:(*4,*2)

  See [a] *4:1NZ-FE
  *2:w/o Stop & Start System

  Indication: 1NZ-FE (*4) or w/o Stop & Start System (*2)

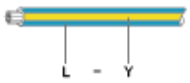
[D]: Wire Color

Indicates the wiring color. Wire colors are indicated by an alphabetical code.

- Colored wiring (general wiring)

  For example, "L-Y" indicates that the basic color of the wiring is blue, with a yellow stripe.

  Example: L-Y



L	Blue
Y	Yellow

Copper wires

B=Black	W=White	BR=Brown
L=Blue	V=Violet	SB=Sky Blue
R=Red	G=Green	LG=Light Green
P=Pink	Y=Yellow	GR=Gray
O=Orange	BE=Beige	DG=Dark Gray

Aluminum wires

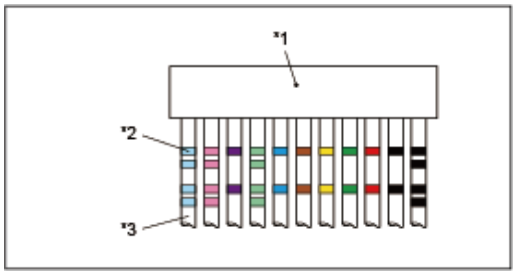
LA=Lavender		

NOTICE:
Do not splice into aluminum wires for power sources or signals.

- Painted wiring

  The painted wiring is white and has stripes with a wiring color near the terminal.

Code	Wiring Color	Painted Wiring
B	Black	
R	Red	
G	Green	
L	Blue	
BR	Brown	
Y	Yellow	
V	Violet	
W-B	White/Black	
P	Pink	



*1	Connector
*2	Wiring color
*3	White wiring

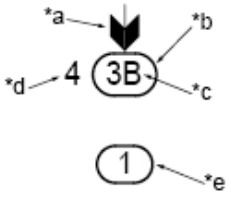
LG	Light Green	
SB	Sky Blue	

[E]: Junction Block Connector Code

Indicates the codes for the connectors connected to the Junction Blocks.

HINT:
Refer to the "Location & Routing" for the shape.

Junction Block Connector



*a	Represents the inner circuits of the Junction Blocks.
*b	Indicates the Junction Block code/number.
*c	Indicates the sequence number of the connector which belongs to the Junction Block.
*d	Indicates the terminal number.
*e	If there is only a number inside, it indicates that this is a relay block, fuse block or other.

[F]: Switch

A single switch is indicated normally open.

HINT:
Refer to the relevant Repair Manual for the operations and operating conditions of the switches.

[G]: Ground Point Code

Indicates the ground point.

HINT:
Refer to "Location and Routing" for the locations.

Ground point code



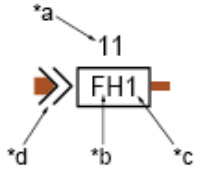
*a	Indicates the wire harness which is connected to the ground point.
*b	An alphabetical code is used to distinguish the ground point. For example, "MJ" indicates that wire "M" is connected to point "J".

[H]: Wire and Wire Connector Code

Indicates the code for the connectors which are used to join two wire harnesses.

HINT:
Refer to "Connector List" for the shape of the connector.

Wire and Wire Connector



*a	Indicates the terminal number.
*b	Indicates the wire harnesses which are connected. For example, "FH" indicates that the connecter joins "F", the female connector*1, and "H", the male connector*2, of the two wire harnesses. *1 Female connector: female terminal *2 Male connector: male terminal
*c	Indicates the sequential number of the connector used for the same combination of the wire harnesses.
*d	Indicates that this is a male connector.

[I]: Terminal No.

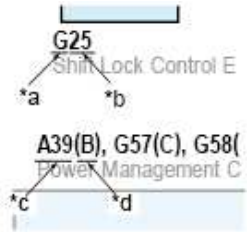
Indicates the terminal number of the connector which is connected.

[J]: Part Name and Connector Code

Indicates the part name and the code for the connector which is connected to the part.

HINT:
Refer to the "Connector List" for the shape of the connector.

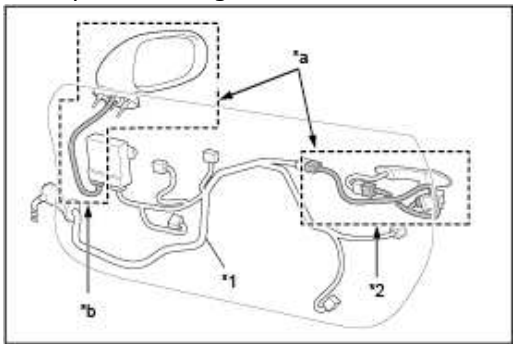
Part connector



*a	Indicates the wire harness to which the connector belongs. For example, "G" indicates that the connector is used on wire "G". Refer to the "Location & Routing" for the wire harness name of wire "G".
*b	Indicates the sequential number of the connector which belongs to the wire harness.
*c	Connector code
*d	Distinguishes the connector when there are multiple number of connectors connected to the part or when there are multiple types of connectors for different specifications.

- The information in this manual is about the wire harnesses. Information about component and assembly parts is for reference, but in some cases this reference information might not be included or might differ from the actual vehicle.
  When inspecting or repairing a vehicle, refer to the relevant Repair Manual.

Example:Front right door



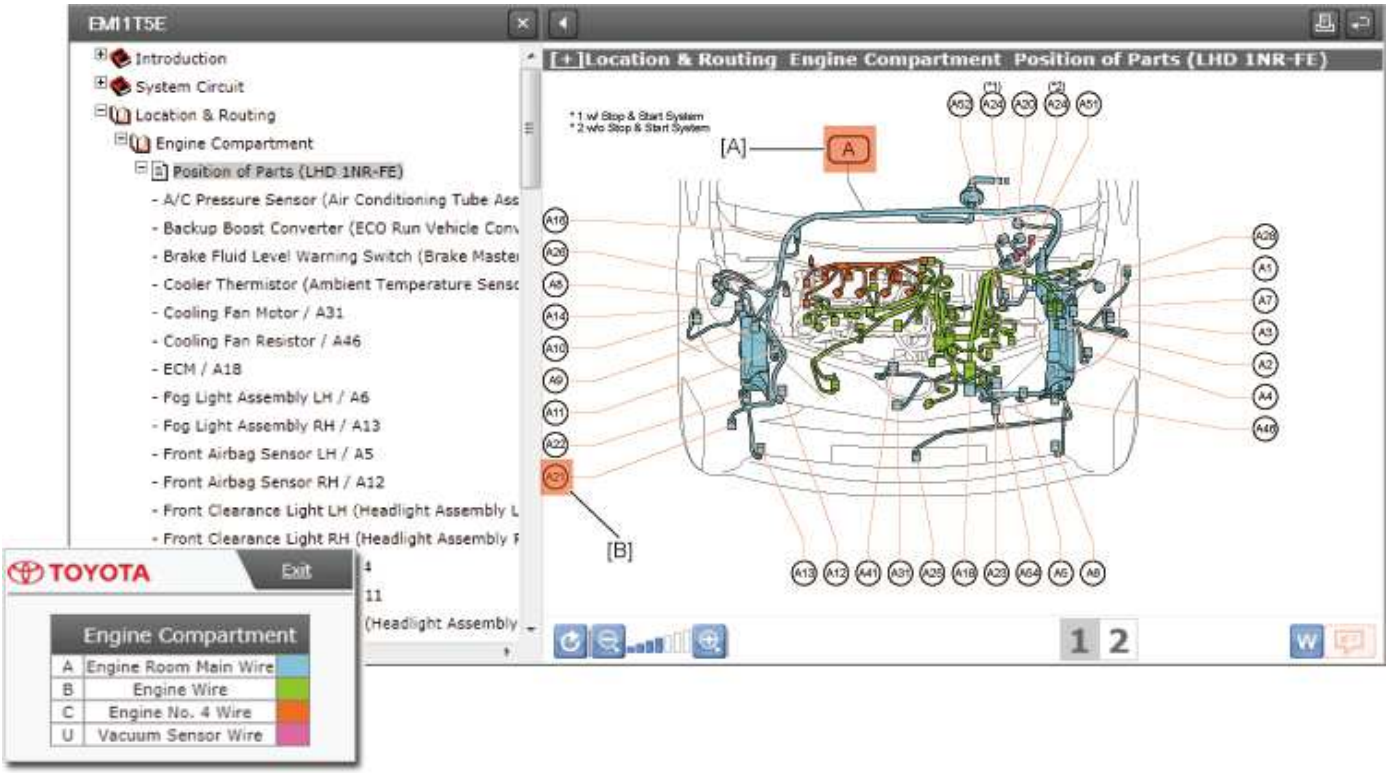
*1	Wire harness
*2	Component parts
*a	When inspecting or repairing, refer to the Repair Manual.
*b	Assembly parts

Location & Routing

Indicates where the wire harnesses, connectors and ground points are located in each vehicle section such as the engine compartment and instrument panel. Also indicates the locations of the relays, relay blocks (R/B), antennas, ECU, etc. along with the inner circuits as the relay locations in each vehicle section.

a. Position of Parts

Indicates where the wire harness and connecters are located for each vehicle section. Also indicates the ground point and each connector code.
(The connector code is the same as the code used in the "System Circuit".)

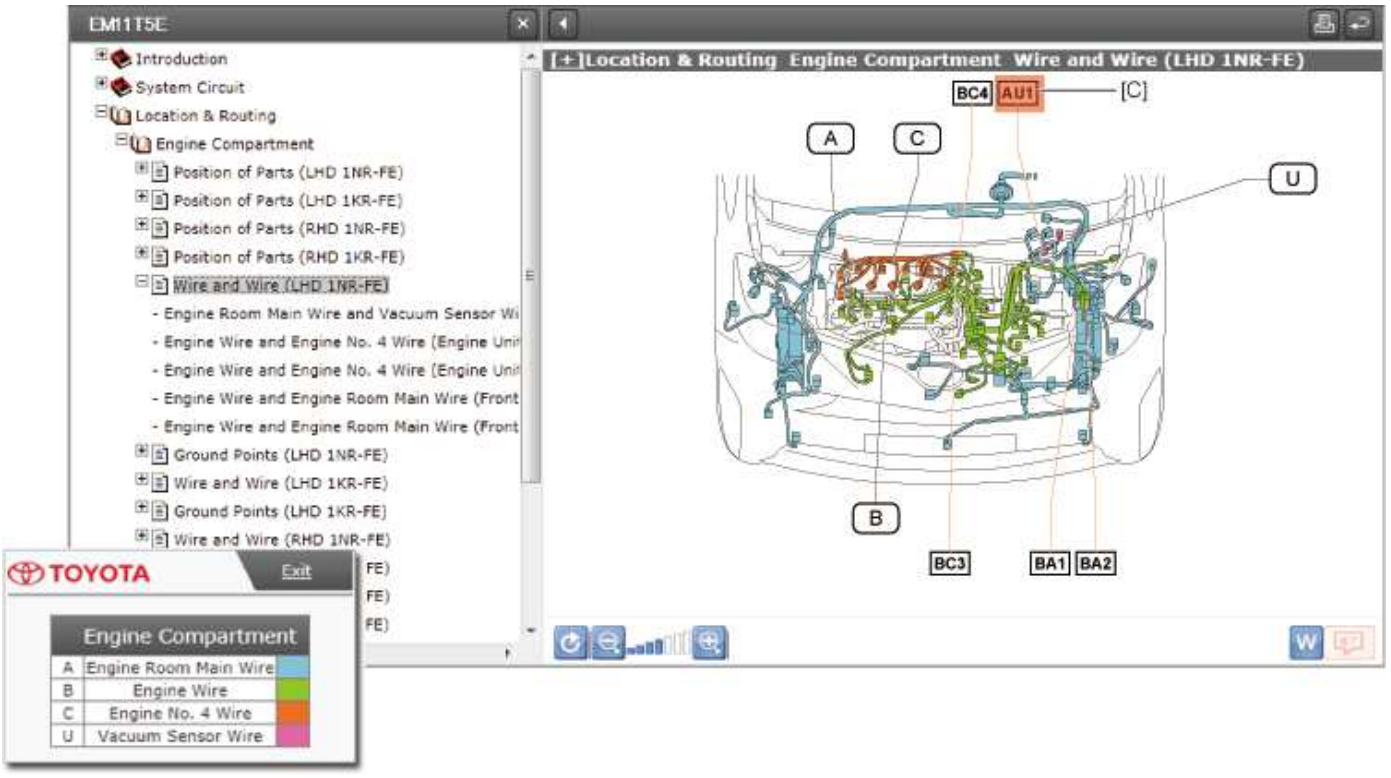


[A]: Wire Harness Code

Each wire harness is represented by a code. Wire harness codes are used in the parts codes, connector codes, wire and wire connector codes, and ground point codes as the initial character.

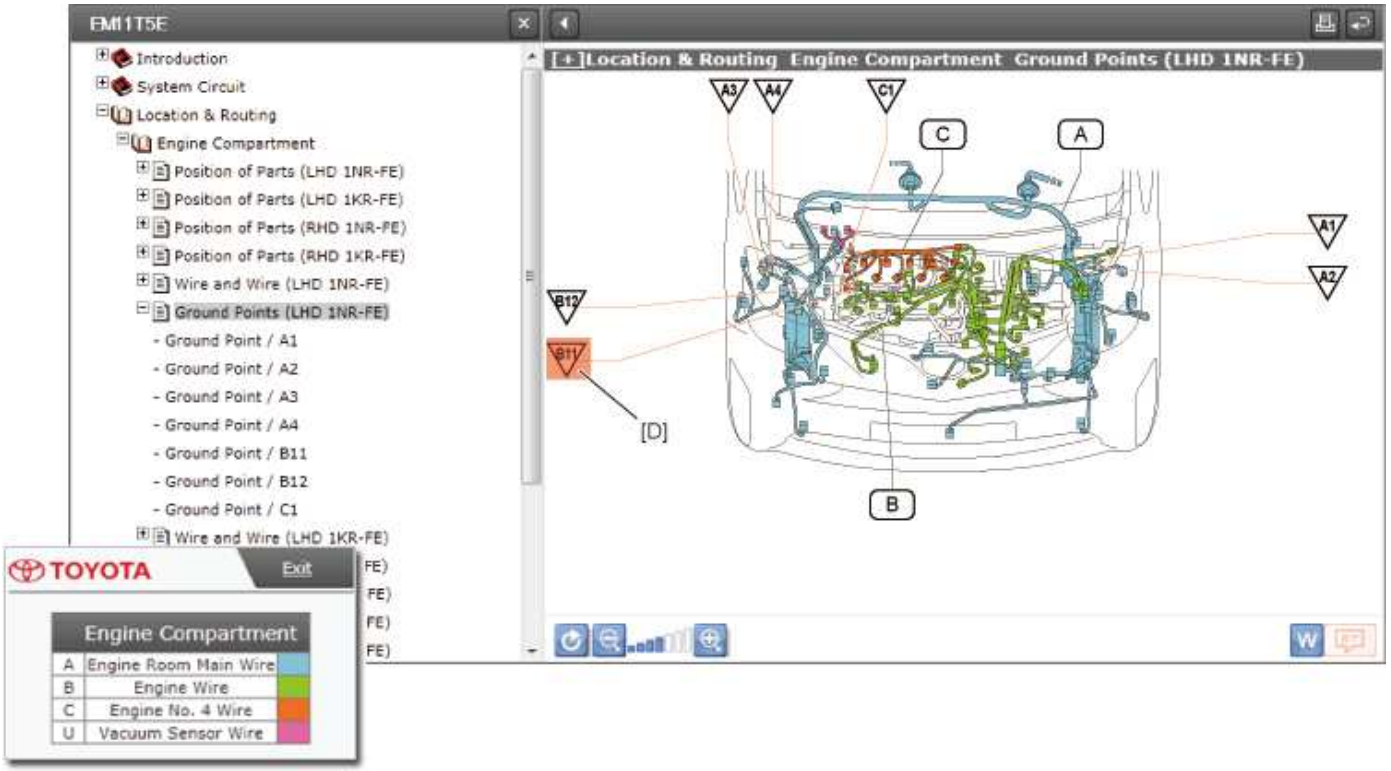
[B]: Part Connector Code

Indicates the code for the connector which is connected to the part.



[C]: Wire and Wire Connector Code

Indicates the code for the connectors which are used to join two wire harnesses.

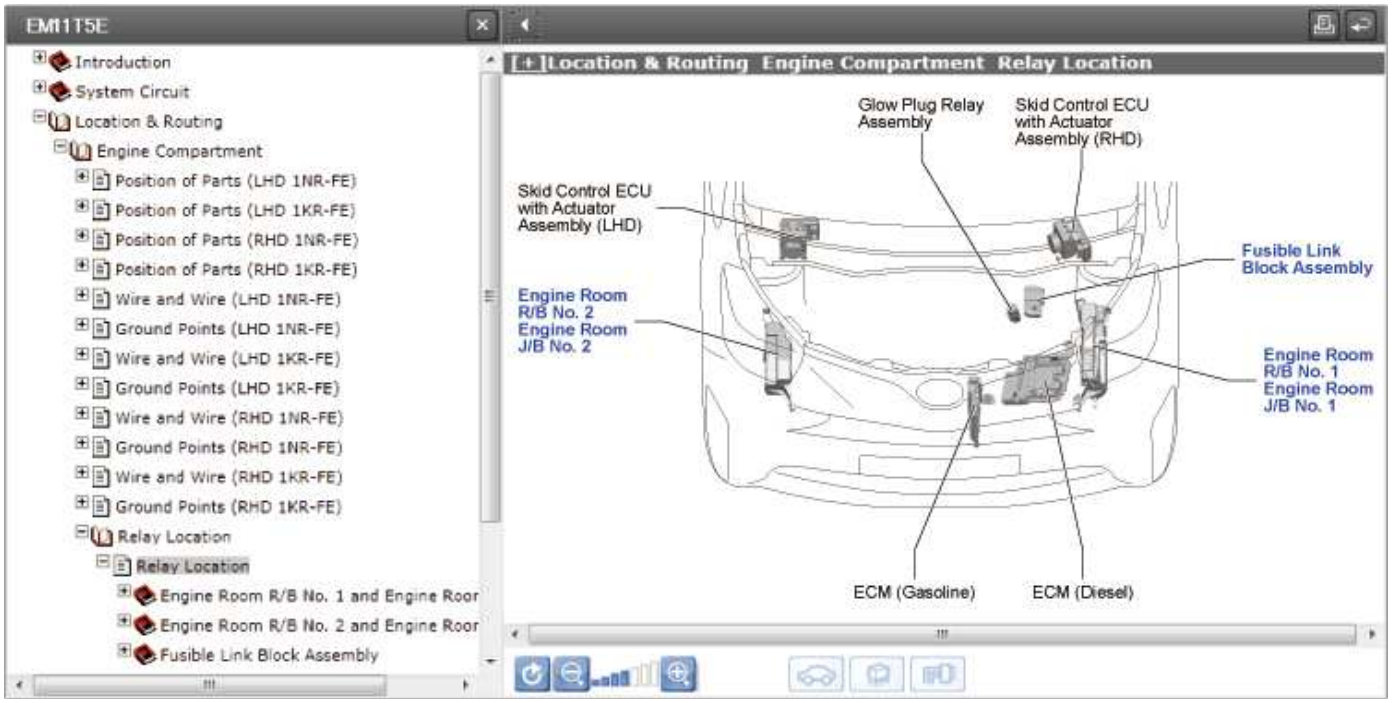


[D]: Ground Point Code

Indicates the ground point.

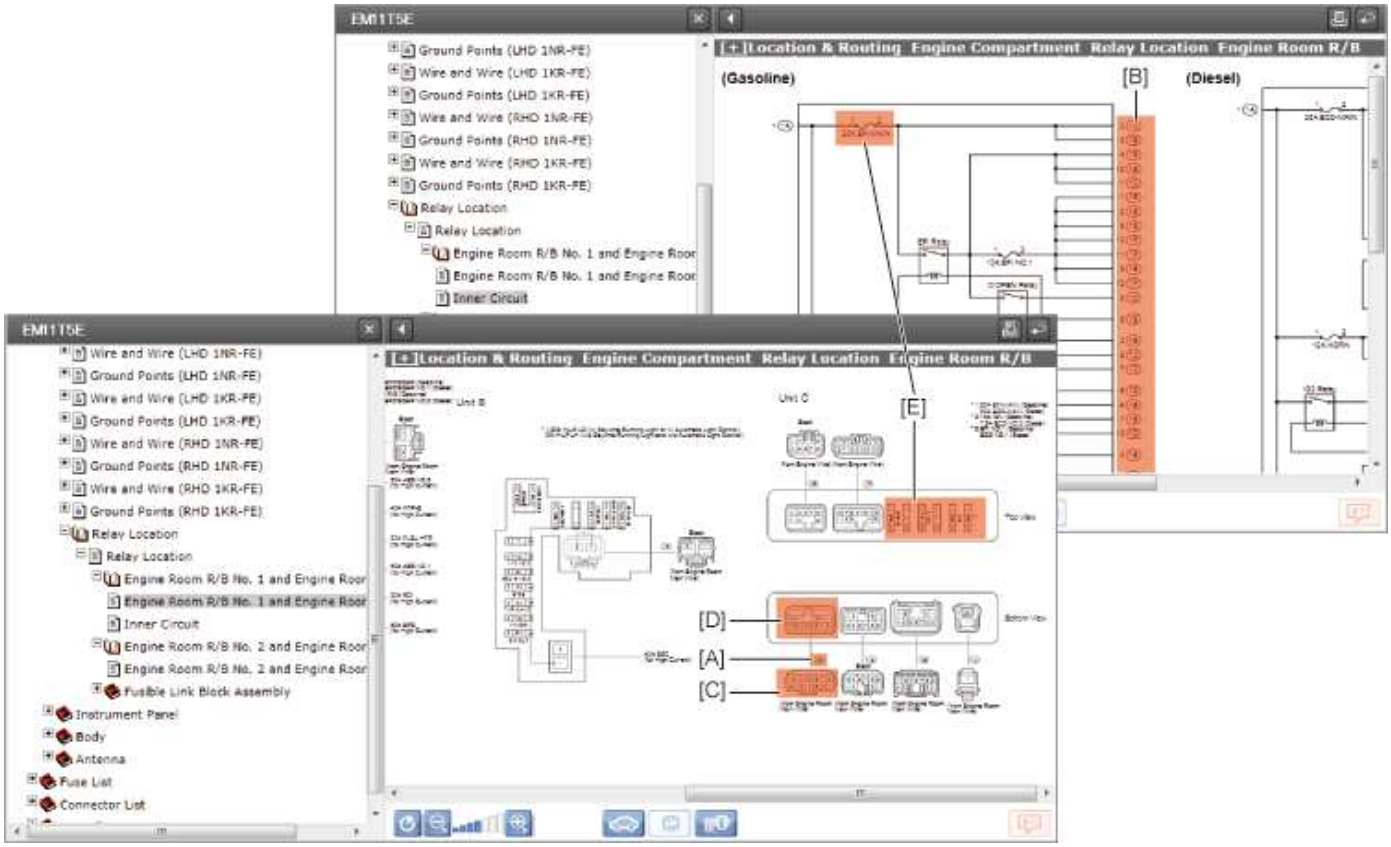
b. Relay Location

Indicates where a relay, Relay Block (R/B), Junction Block (J/B), Fusible Link (F/L), ECU, and others are located.



c. Junction Block (J/B) / Relay Block (R/B) / Inner Circuit

Indicates the connectors, relays, and fuses which are connected to the Junction Blocks (J/B) and others. Also indicates the inner circuits.



[A]: Connector No.

Indicates the number for the connector which is connected to the Junction Block.

[B]: Connector No. and Terminal No.

Indicates the number for the connector which is connected to the Junction Block, and also the terminal number.

[C]: Connector Shape and Terminal No.

Indicates the shape of the connector on the wire harness side.
The number indicates the terminal number.

[D]: Connector Shape and Terminal No.

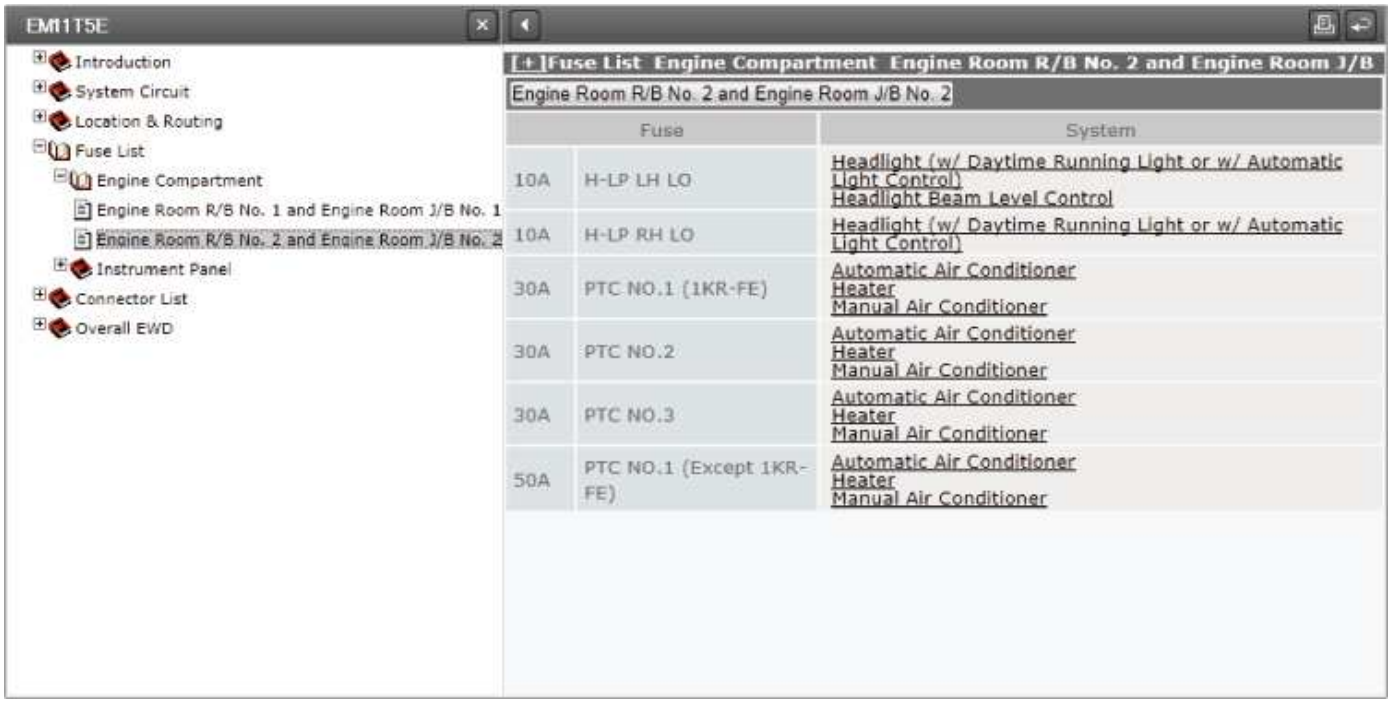
Indicates the shape of the connector on the Junction Block side.
The number indicates the terminal number.

[E]: Fuse

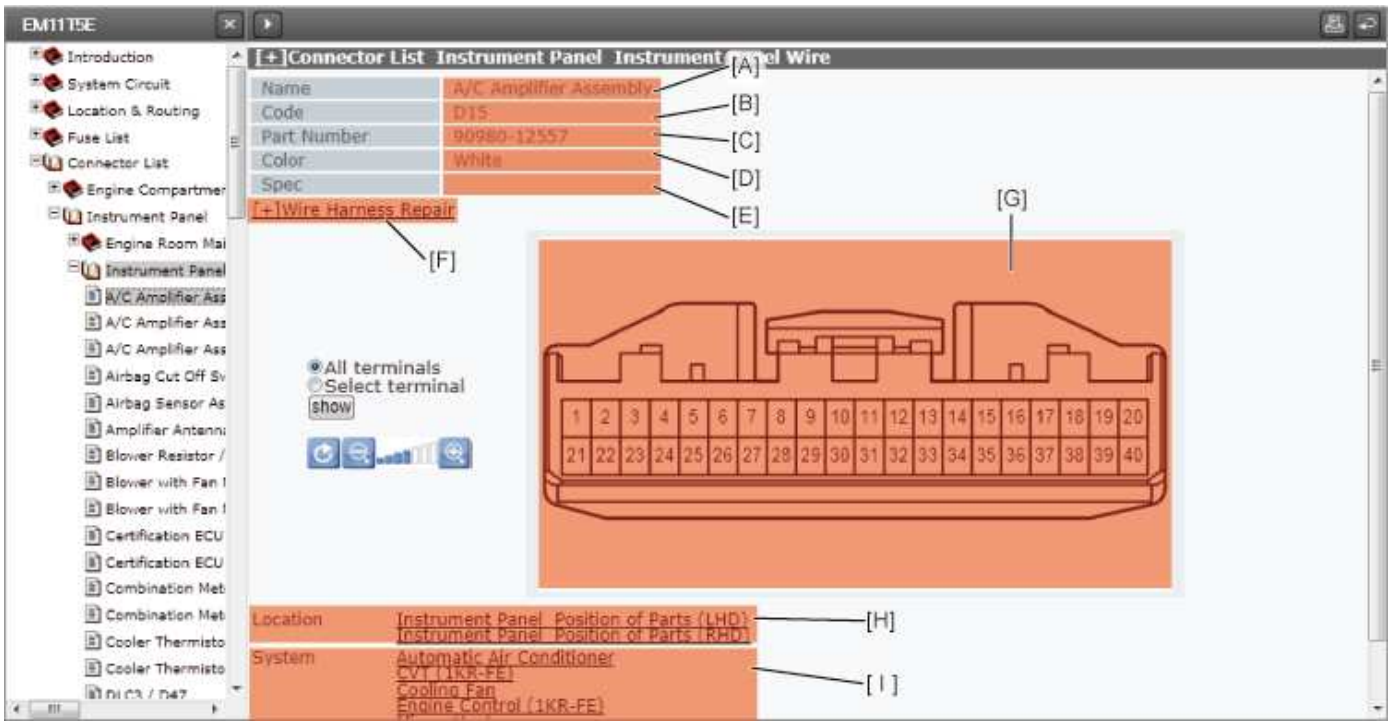
Indicates the name and capacity of the fuse.

Fuse List

Provides the list of each of the power source (fuse and fusible link) locations and the related system data for each vehicle section.



Connector List



[A]: Name

Indicates the name of the part where the connector is connected.

[B]: Code

Indicates the connector code.
(The code is the same as the code used in the "System Circuit" and "Location & Routing".)

[C]: Part No.

Indicates the Toyota Part No. of the connector.

[D]: Color

Indicates the color of the connector.

[E]: Spec

Indicates when the vehicle model, engine type, or specification is different.

[F]: Wire Harness Repair

Indicates the information on the wire harness repair.

[G]: Connector Shape and Terminal No.

Indicates the shape of the connector on the wire harness side.
The terminal numbers are the same as the terminal numbers used in the "System Circuit".

[H]: Location

Refers the "Location and Routing" for the connectors.

[I]: System

Indicates the related system for the terminal number.

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Print Exit

ABBREVIATIONS

The following abbreviations are used in this manual.

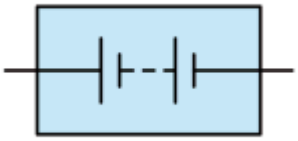
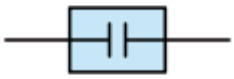
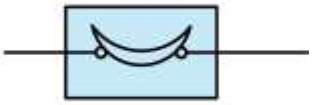
2WD	= Two Wheel Drive Vehicles
4WD	= Four Wheel Drive Vehicles
A/C	= Air Conditioning
A/T	= Automatic Transmission
ABS	= Anti-Lock Brake System
ACIS	= Acoustic Control Induction System
ADD	= Automatic Disconnecting Differential
A-TRAC	= Active Traction Control
CAN	= Controller Area Network
DLC3	= Data Link Connector 3
EC	= Electrochromic
ECU	= Electronic Control Unit
EGR	= Exhaust Gas Recirculation
GPS	= Global Positioning System
IC	= Integrated Circuit
J/B	= Junction Block
LED	= Light Emitting Diode
LH	= Left-Hand
LSD	= Limited Slip Differential
R/B	= Relay Block
RH	= Right-Hand
SDARS	= Satellite Digital Audio Radio Service
SPEC.	= Specification
SRS	= Supplemental Restraint System
TFT	= Thin Film Transistor
TRAC	= Traction Control
VSC	= Vehicle Stability Control
VSV	= Vacuum Switching Valve
VVT	= Variable Valve Timing
w/	= With
w/o	= Without

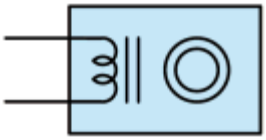
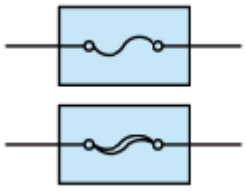
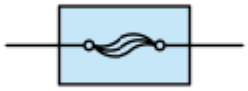
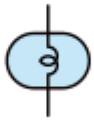
*The titles given inside the components are the names of the terminals(terminal codes) and are not treated as being abbreviations.

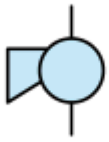
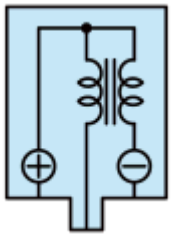
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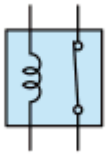
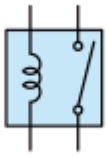
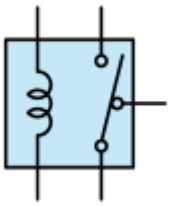
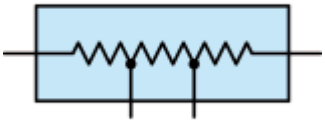
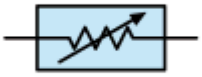
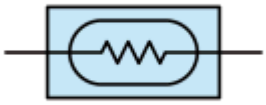
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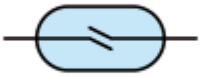
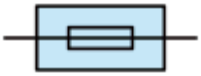
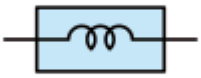
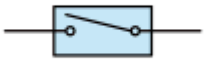
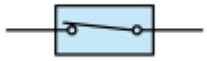
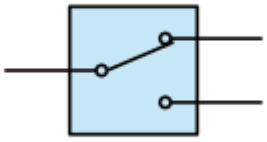
GLOSSARY OF TERMS AND SYMBOLS

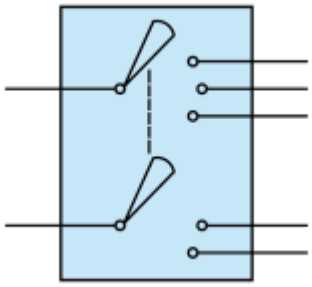
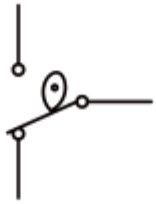
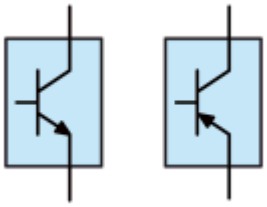
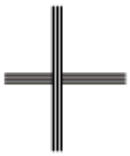
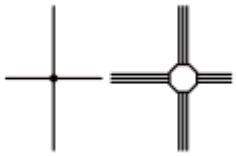
	BATTERY Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.
	CAPACITOR (Condenser) A small holding unit for temporary storage of electrical voltage.
	CIGARETTE LIGHTER An electric resistance heating element.
	CIRCUIT BREAKER Basically a reusable fuse, a circuit breaker will heat and open if too much current flows through it. Some units automatically reset when cool, others must be manually reset.
	DIODE A semiconductor which allows current flow in only one direction.
	DIODE, ZENER A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.

	PHOTODIODE The photodiode is a semiconductor which controls the current flow according to the amount of light.
	DISTRIBUTOR, IIA Channels high-voltage current from the ignition coil to the individual spark plugs.
for Medium Current Fuse 	FUSE A thin metal strip which burns through when too much current flows through it, thereby stopping current flow and protecting a circuit from damage. A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the cross-section surface area of the wires. FUSIBLE LINK A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the cross-section surface area of the wires.
for High Current Fuse or Fusible Link 	
	GROUND The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.
1.SINGLE FILAMENT 	HEADLIGHTS Current flow causes a headlight filament to heat up and emit light. A headlight may have either a single (1) filament or a double (2) filament.
2.DOUBLE FILAMENT 	

	HORN An electric device which sounds a loud audible signal.
	IGNITION COIL Converts low-voltage DC current into high-voltage ignition current for firing the spark plugs.
	LIGHT Current flow through a filament causes the filament to heat up and emit light.
	LED (LIGHT EMITTING DIODE) Upon current flow, these diodes emit light without producing the heat of a comparable light.
	METER, ANALOG Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration.
	METER, DIGITAL Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.
	MOTOR A power unit which converts electrical energy into mechanical energy, especially rotary motion.

1.NORMALLY CLOSED 	RELAY Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.
2.NORMALLY OPEN 	
	RELAY, DOUBLE THROW A relay which passes current through one set of contacts of the other.
	RESISTOR An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.
	RESISTOR, TAPPED A resistor which supplies two or more different non adjustable resistance values.
	RESISTOR, VARIABLE or RHEOSTAT A controllable resistor with a variable rate of resistance. Also called a potentiometer or rheostat.
	SENSOR (Thermistor) A resistor which varies its resistance with temperature.

	SENSOR, SPEED Uses magnetic impulses to open and close a switch to create a signal for activation of other components.
	SHORT PIN Used to provide an unbroken connection within a junction block.
	SOLENOID An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.
	SPEAKER An electromechanical device which creates sound waves from current flow.
1.NORMALLY OPEN 	SWITCH, MANUAL Opens and closes circuits, thereby stopping (1) or allowing (2) current flow.
2.NORMALLY CLOSE 	
	SWITCH, DOUBLE THROW A switch which continuously passes current through one set of contacts or the other.

	SWITCH, IGNITION A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.
	SWITCH, WIPER PARK Automatically returns wipers to the stop position when the wiper switch is turned off.
	TRANSISTOR A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".
1.NOT CONNECTED 	WIRES Wires are always drawn as straight lines on wiring diagrams. Crossed wires (1) without a black dot at the junction are not joined; crossed wires (2) with a black dot or octagonal () mark at the junction are spliced (joined) connections.
2.SPLICED 	

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Print Exit

WIRE HARNESS REPAIR INTRODUCTION

GENERAL INFORMATION

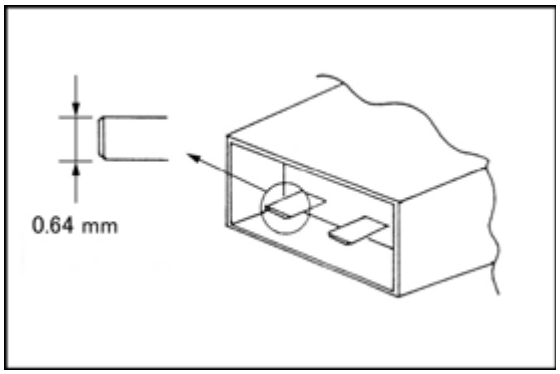
This manual provides instruction in the following repairs:

- How to Inspect for System Inspection
- Circuit Protection
- Terminal and Connector Repair Procedure

NOTICE:

- When inspecting or repairing the SRS AIRBAG, be sure to carefully read the precautionary instructions and procedure in the Repair Manual for the applicable model.
- After any electrical repair is made, always test the circuit by operating the devices in the circuit. This confirms not only that the repair is correct, but also that the cause of the complaint was correctly identified.

Terminal type number name



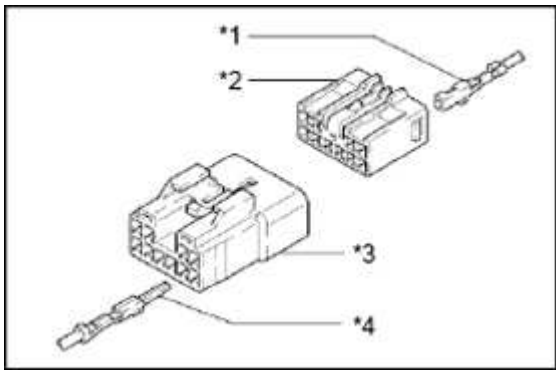
The terminal type number naming system has changed:
the metric system will be used in place of the inch system. To be more specific, male tab width "in millimeters" will be used as terminal type number from now on -- in place of male tab wwidth in inches which has been in use so far.

Below is a table of comparison:

Old terminal type No. (inch)		New terminal type No. (mm)
025	->	0.64
040 (II, III, IV)	->	1.0 (II, III, IV)
050	->	1.3
060	->	1.5
070 (II)	->	1.8 (II)
090 (II)	->	2.3 (II)
110	->	2.8
187	->	4.8
250 (II)	->	6.3 (II)
305	->	7.7
312	->	8.0
375	->	9.5

For those connectors which are not shown above, the terminal type numbers remain unchanged.

What is Wire Harness?



The wire harness (W/H) is systems of electric wires for automobiles to connect all the electronics parts in automobile electrically and work them. As more electronics parts are introduced in automobiles recently, the electric wires used for the wire harness are increasing in number and the structure is becoming more complicated. As a result of that, there are hundreds of connectors, which is the parts which connects wires mechanically and electrically, in one vehicle. Therefore, numbers of the connector terminal (Terminal) or the connector housing (Housing) are designed to meet many kinds of uses

of circuits. Various components have been improved to ensure the product reliability or realize a wider space in the vehicles.

*1	Terminal (Female)
*2	Housing (Female)
*3	Housing (Male)
*4	Terminal (Male)

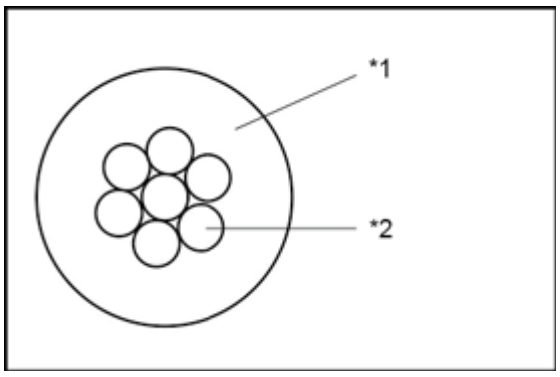
Wire Harness Components

Wire harness mainly consists of wires, terminals, or housings. There are various components are designed for many parts of vehicles, such as one with high heat-resistance, water-resistance, or bending ability, ones have different current capacities, or ones are hardly influenced by electromagnetic noise.

Wire Harness (W/H)	Electric Wire
	Terminal
	Housing
	J/B (Junction Block)
	R/B (Relay Block)
	Other

Electric Wire

The electric wires used for the wire harness consists of the conductor made from numbers of twisted mild copper or aluminum wire with a diameter of less than 0.5 mm and the insulator surrounding the conductor.
The insulator is generally made from vinyl chloride and covers the conductor with even thickness. The insulators are color-coded in order to distinguish each wire. The base colors or the stripe patterns are used to make difference between insulators. Each color of wires is indicated by the abbreviation in the repair manual and the electrical wiring diagram.



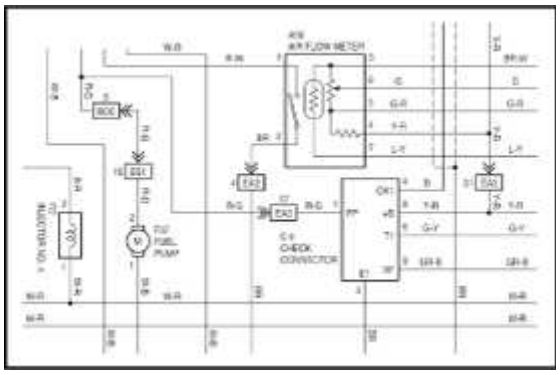
*1	Insulator
*2	Copper Wires (Conductor)

Copper wires:

B=Black	Y=Yellow
G=Green	BE=Beige
L=Blue	BR=Brown
O=Orange	DG=Dark Gray
P=Pink	GR=Gray
R=Red	LG=Light Green
V=Violet	SB=Sky Blue
W=White	

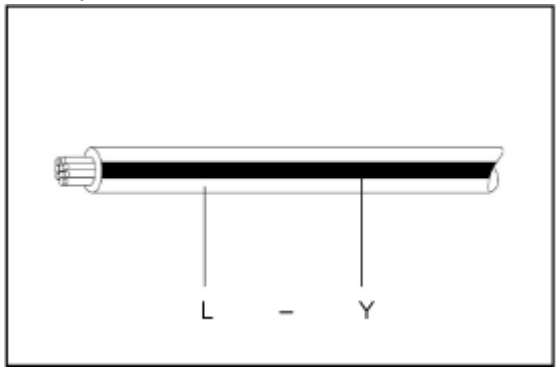
Aluminum wires:

LA=Lavender	



The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

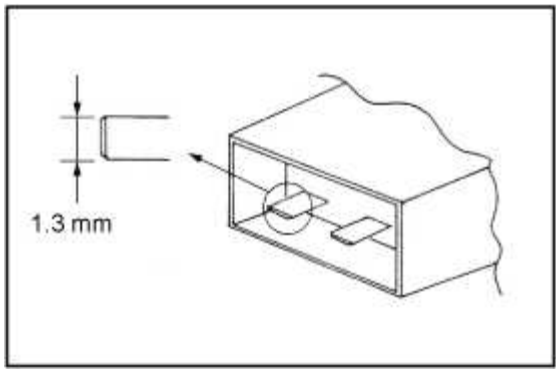
Example:L-Y

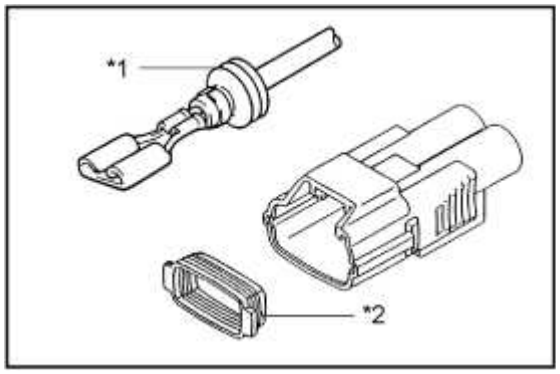


L	Blue
Y	Yellow

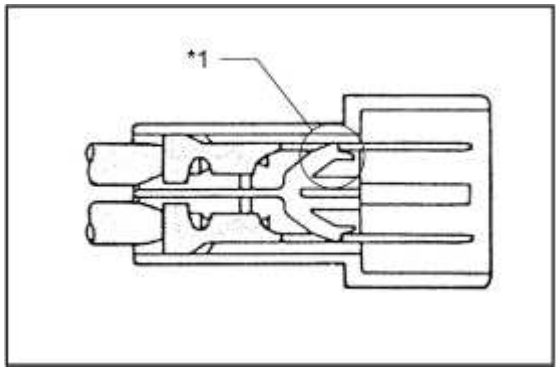
Terminal and housing

Terminal connects wires and housing insulates connecting parts.
There are the male terminal and the female terminal. The types of terminals are decided by tab width of male terminal. And the terminal with the rubber plug or the rubber ring is used in the part, such as the engine compartment, which become wet. For the circuit with slight current at EFI system or ABS system, the gold-plated terminal is introduced for ensuring reliabilities.
As the number of the circuit is increasing recently, there are new types of parts introduced. For example, there is the hybrid type housing, which is a combination of terminals with different tab width, such as the power source terminal or the signal terminal. Also, new type of connector such as the double lock housing, which is designed with the retainer in addition to the lance to prevent terminal from slipping off, is available. The new type of connectors are produced to realize higher product reliabilities and utilized widely recently. The major characteristics of these new connectors are shown in the table 1.
There are two types of lances: housing lance, which is inside the housing and terminal lance, which is inside the terminal.

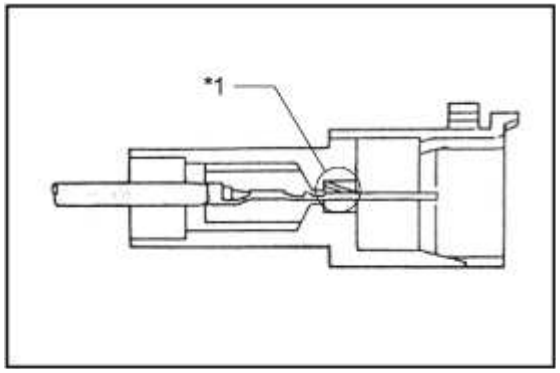




*1	Rubber Plug
*2	Rubber Ring

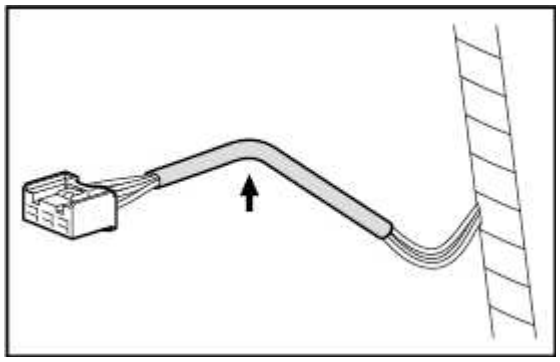


*1	Housing Lance Type



*1	Terminal Lance Type

What is a CFW?

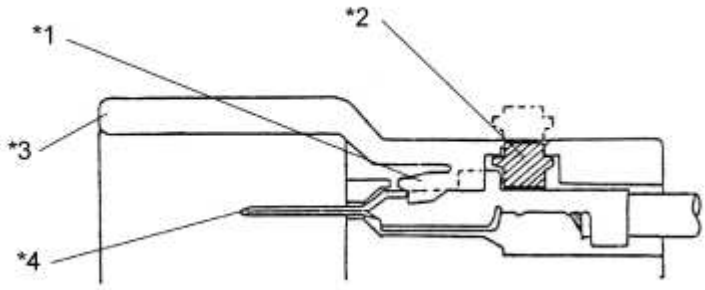
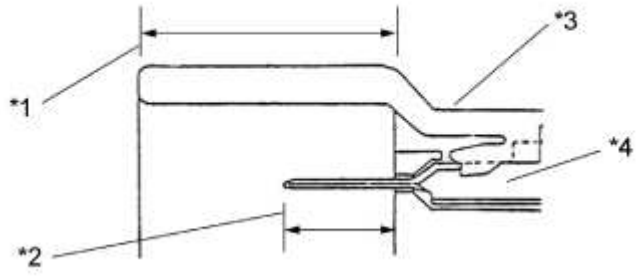


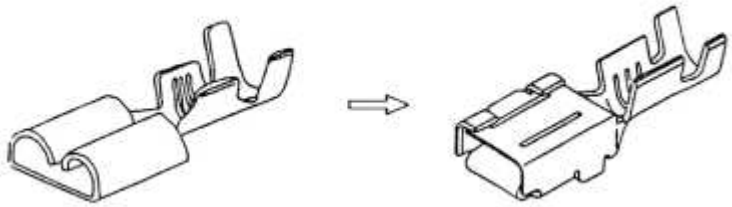
A CFW (Compression Forming Wire-harness) is a wire harness protector made of non woven fabric and formed by hot compression molding. One of the two types of CFWs offers desired routings where wire harnesses should go through, and the other insulates noises that are likely to occur when wire harnesses and the vehicle body interfere with each other.

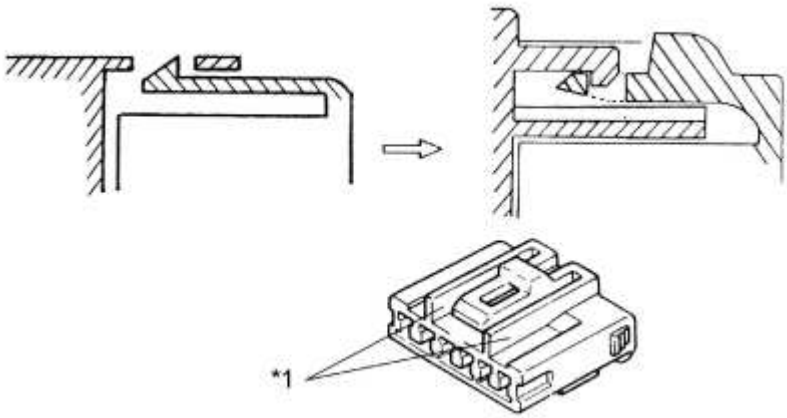
If the wire harness is protected with CFWs, refer to the cautions listed below for handling.

- Do not deform or fold.
- Store at normal temperature and humidity.
- Protect from dirt or metal flakes. (Do not place or store in dusty locations)
- Protect from water. (Do not store in humid locations. Also, store in indoor locations to protect from rain)
- Protect from fluids and oil/grease.
  Liquids: Battery fluids, washer fluids, LLC etc.
  Oil/grease: Lubricants, silicon oil, engine oil, brake fluids etc.
- Do not cut CFWs to repair wire harnesses.

Table 1 : Characteristics of the new types of connector (Improvement)

Characteristics (Improvement)	Note
1. Double Lock 	If terminal is not inserted to housing correctly, the retailer does not fit. *1 Lance (Primary Lock) *2 Retainer (Double Lock) *3 Housing *4 Terminal
2. Extension of Housing 	This is to prevent deformation of the terminal when it is inserted diagonally. *1 Extension *2 Shortening *3 Housing *4 Terminal
3. Change of Contact Structure and Introduction of Box-Shaped Structure	Expansion of contact section Stabilization of contact pressure



4. Change of Locking Shape  	This improves the close fit of locking and you can hear the click sound and feel that the connector is completely installed. *1 Ribs are added

HOW TO PERFORM FOR SYSTEM INSPECTION

This inspection procedure is a simple troubleshooting which should be carried out on the vehicle during system operation and is based on the assumption of system component trouble. Always inspect the trouble taking the following items into consideration:

- Ground point fault
- Open or short circuit of the wire harness
- Connector or terminal connection fault
- Fuse or fusible link fault

NOTICE:

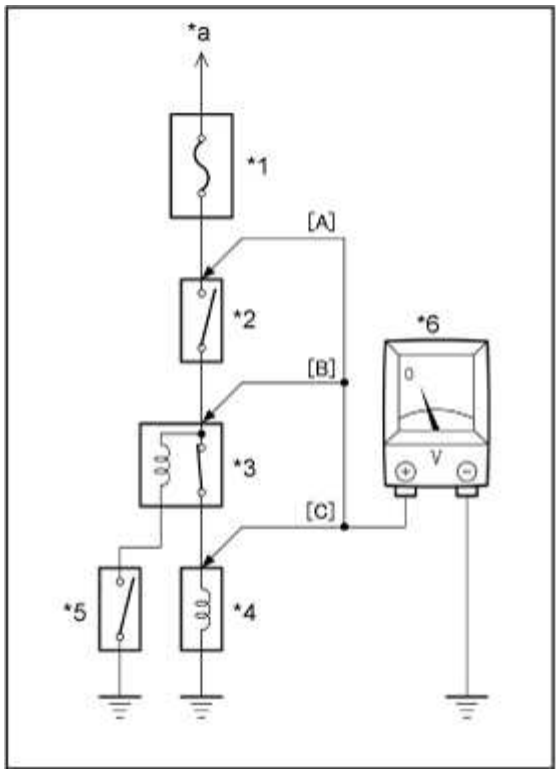
- This is an on-vehicle inspection during system operation. Therefore, inspect the trouble with due regard for safety.
- If connecting the battery directly, be careful not to cause a short circuit, and select the applicable voltage.

1. Voltage Check

a. Establish conditions in which voltage is present at the check point.

Example:
[A] - Ignition SW on
[B] - Ignition SW and SW 1 on
[C] - Ignition SW, SW 1 and Relay on (SW 2 off)

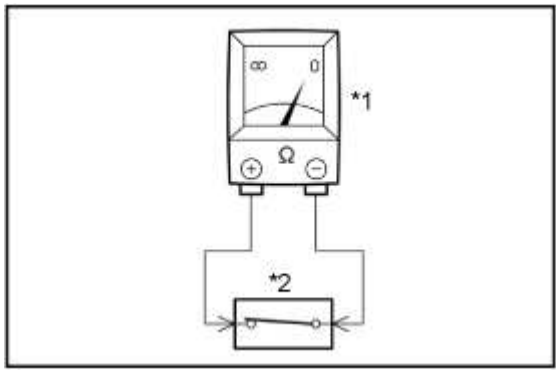
b. Using a voltmeter, connect the negative (-) lead to a good ground point or negative (-) battery terminal and the positive (+) lead to the connector or component terminal. This check can be done with a test bulb instead of a voltmeter.



*1	Fuse
*2	SW1
*3	Relay
*4	Solenoid
*5	SW2
*6	Voltmeter
*a	To Ignition SW IG Terminal

2. Continuity and Resistance Check

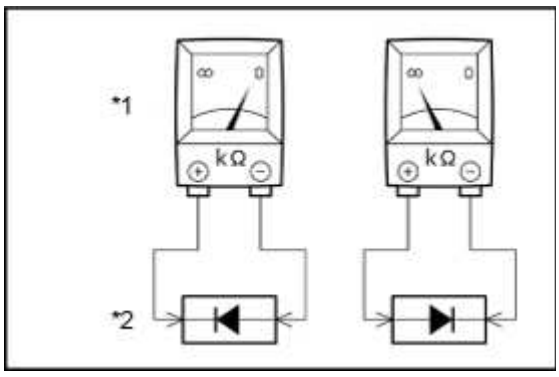
a. Disconnect the battery terminal or wire so there is no voltage between the check points.
b. Contact the two leads of an ohmmeter to each of the check points.



*1	Ohmmeter
*2	SW

If the circuit has diodes, reverse the two leads and check again.
When touching the negative (-) lead to the diode positive (+) side and the positive (+) lead to the negative (-) side, there should be continuity. When touching the two leads in reverse, there should be no continuity.

HINT:
Specifications may vary depending on the type of tester, so refer to the tester's instruction manual before performing the inspection.



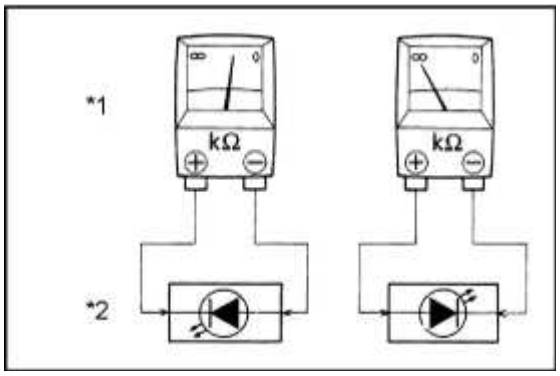
*1	Ohmmeter
*2	Diode

Check LED (Light Emitting Diode) in the same manner as that for diodes.

HINT:

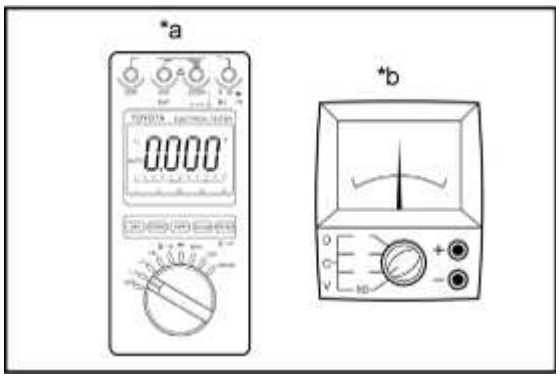
a. Use a tester with a power source of 3V or greater to overcome the circuit resistance.

b. If a suitable tester is not available, apply battery voltage and check that the LED lights up.



*1	Ohmmeter
*2	Diode

c. Use a volt/ohmmeter with high impedance (10kΩ/V minimum) for troubleshooting of the electrical circuit.



*a	Digital Type
*b	Analog Type

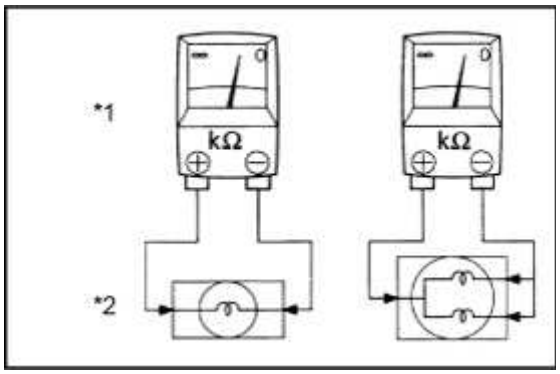
3. Bulb Check

a. Remove the bulb.

b. There should be continuity between the respective terminals of the bulb together with a certain amount of resistance.

c. Apply the two leads of the ohmmeter to each of the terminals.

d. Apply battery voltage and check that the bulb light up.



*1	Ohmmeter
*2	Bulb

4. Finding a Short Circuit

a. Remove the blown fuse and eliminate all loads from the fuse.

b. Connect a test bulb in place of the fuse.

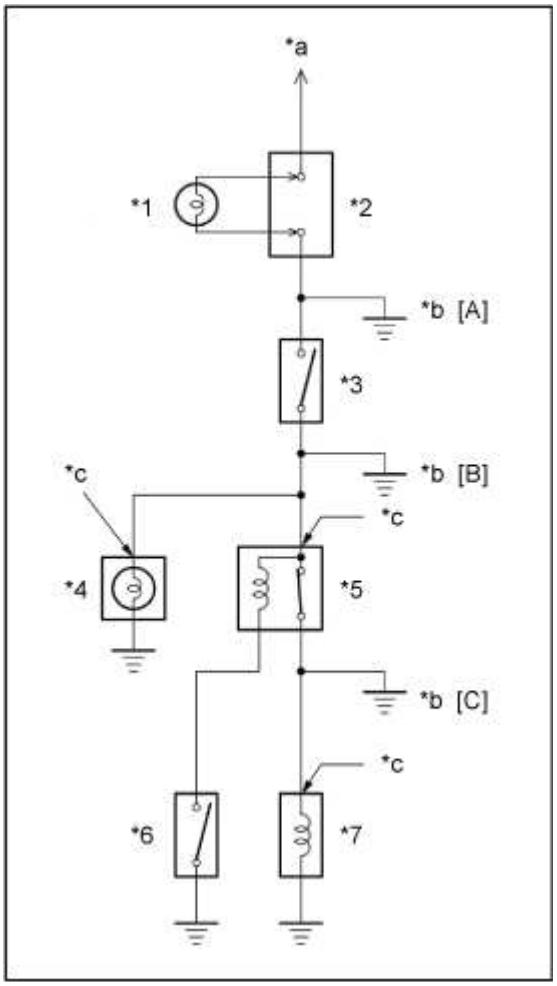
c. Establish conditions in which the test bulb comes on.

Example:
[A] - Ignition SW on
[B] - Ignition SW and SW 1 on
[C] - Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or disconnect SW 2)

d. Disconnect and reconnect the connectors while watching the test bulb. The short lies between the connector where the test bulb stays lit and the connector where the bulb goes out.

e. Find the exact location of the short by lightly shaking the problem wire along the body.

CAUTION:
a. Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)
b. When replacing the internal mechanism (ECU part) of the digital meter, be careful that no part of your body or clothing comes in contact with the terminals of leads from the IC, etc. of the replacement part (spare part).



*1	Test Bulb
*2	Fuse Case
*3	SW1
*4	Light
*5	Relay
*6	SW2
*7	Solenoid
*a	To Ignition SW IG Terminal
*b	Short
*c	Disconnect

CIRCUIT PROTECTION

All electrical circuits are protected against excessive loads which might occur because of shorts or overloads in the wiring system. Such protection is provided by a fuse, circuit breaker, or fusible link, A short circuit may cause a fuse to blow or a circuit breaker to open.

RESET CIRCUIT BREAKER

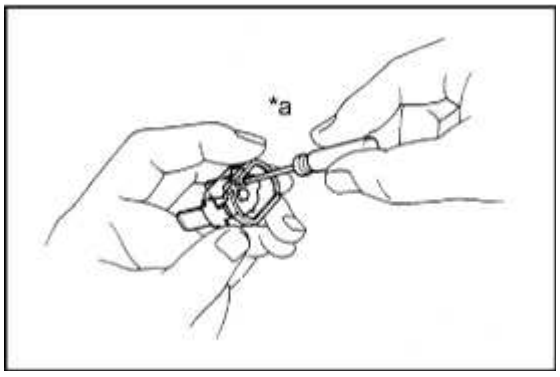
1. Remove Circuit Breaker

   a. Disconnect the negative (-) cable from the battery.

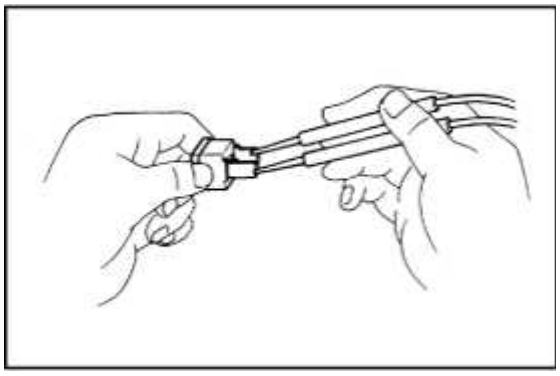
   b. Remove the circuit breaker.

2. Reset Circuit Breaker

   a. Insert the needle into the reset hole and push it.



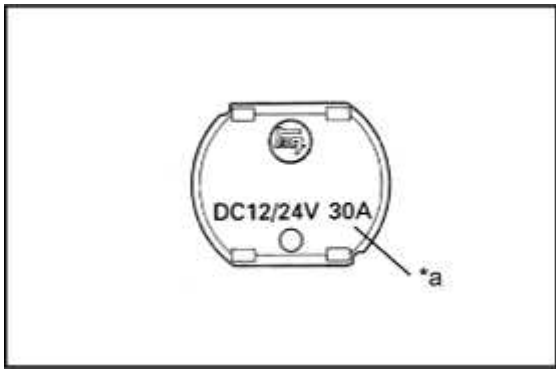
*a	Push



   b. Using an ohmmeter, check that there is continuity between both terminals of the circuit breaker.

   If continuity is not as specified, replace the circuit breaker.

HINT:
If replacing the circuit breaker, be sure to replace it with a breaker with an equal amperage rating.



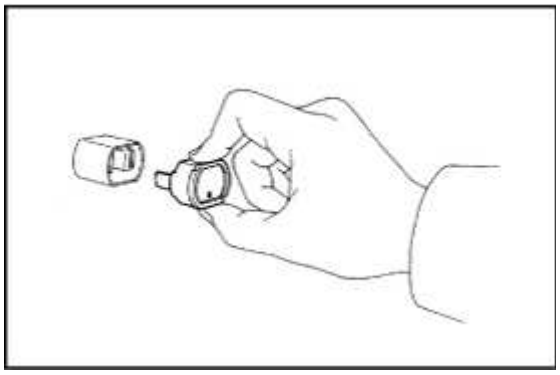
*a	Equal Amperage Rating

3. Install Circuit Breaker

   a. Install the circuit breaker.

   b. Connect the negative (-) cable to the battery

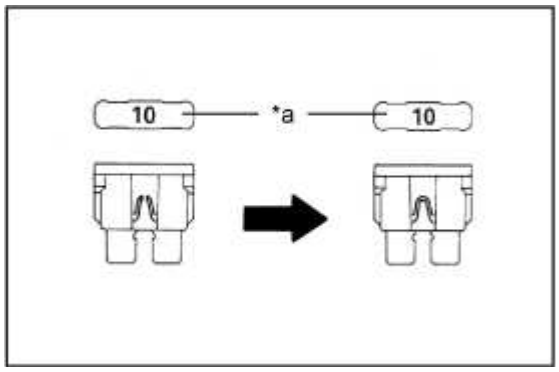
HINT:
If a circuit breaker continues to cut out, a short circuit is indicated. Have the system checked by a qualified technician.



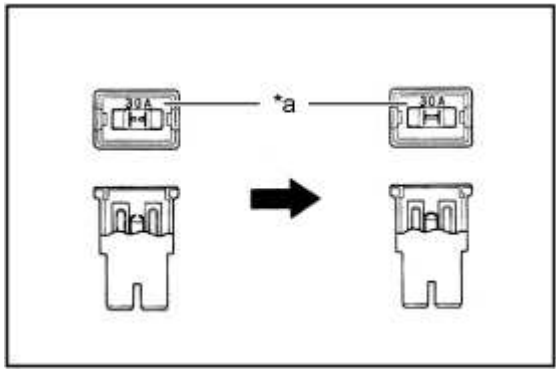
REPLACEMENT OF FUSE AND FUSIBLE LINK

HINT:

If replacing the fuse or fusible link, be sure to replace it with a fuse or fusible link with an equal amperage rating.



*a	Equal Amperage Rating



*a	Equal Amperage Rating

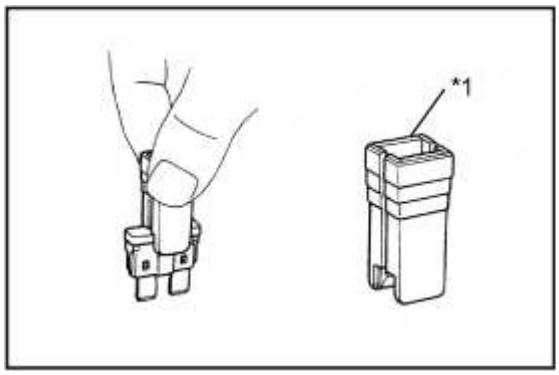
NOTICE:

- Turn off all electrical components and the ignition switch before replacing a fuse or fusible link. Do not exceed the fuse or fusible link amperage rating.
- Always use a fuse puller for removing and inserting a fuse. Remove and insert straight in and out without twisting. Twisting could force open the terminals too much, resulting in a bad connection.

If a fuse or fusible link continues to blow, a short circuit is indicated. The system must be checked by a qualified technician.

HINT:

The puller is located at Junction Block No.2.



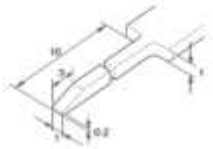
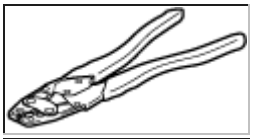
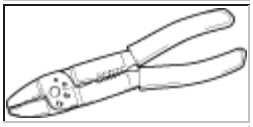
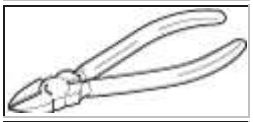
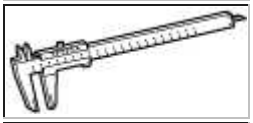
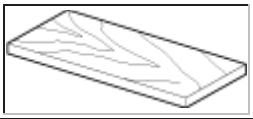
*1	Puller

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Print Exit

TERMINAL AND CONNECTOR REPAIR

PREPARATORY ITEMS

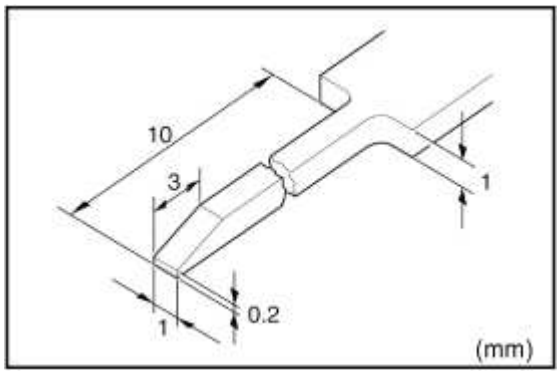
Illustration	Part number	Part name	Notes and purpose
	09991-00500 09991-00510	SST	To remove the 0.64 connector terminal
	09992-01030	SST	To remove the 0.64 II connector terminal
	-	Special tool	To remove the terminal Refer to the following illustration
	09042-2C100	SST(Crimping tool)	To crimp sleeves (For aluminum wire repair)
	-	Crimping tool	To crimp sleeves (For copper wire repair)
	-	Wire cutters	To cut wires
	-	Caliper	To measure the diameter of a wire and wire strand
-	-	Dryer or heat gun	To heat heat shrink sleeves (For aluminum wire repair) (1000W or more, and the thermal fuse with 190°C or more)
	-	Wood plate	To shield heat (For aluminum wire repair) Size reference (mm): 300 x 100 x 10

Special Tool

REFERENCE:

To remove the terminal from the connector, please construct and use the special tool or like object shown on the right.

Reference:



CONNECTOR REPAIR

The repair parts now in supply are limited to those connectors having common shapes and terminal cavity numbers. Therefore, when there is no available replacement connector of the same shape or terminal cavity number, please use one of the alternative methods described below. Make sure that the terminals are placed in the original order in the connector cavities, if possible, to aid in future diagnosis.

1. When a connector with a different number of terminals than the original part is used, select a connector having more terminal ccavities than required, and replace both the male and female connector parts.
   EXAMPLE: You need a connector with six terminals, but the only replacement available is a connector with eight terminal cavities. Replace both the male and female connector parts with the eight terminal part, transferring the terminals from the old connectors to the new connectors.

2. When several different type terminals are used in one connector, select an appropriate male and female connector part for each terminal type used, and replace both male and female connector parts.
   EXAMPLE: You need to replace a connector that has two different types of terminals in one connector. Replace the original connector with two new connectors, one connector for one type of terminal, another connector for the other type of terminal.

3. When a different shape of connector is used, first select from available parts a connector with the appropriate number of terminal cavities, and one that uses terminals of the same size as, or larger than, the terminal size in the vehicle. The wire lead on the replacement terminal must also be the same size as, or larger than, the nominal size of the wire in the vehicle. ("Nominal" size may be found by looking at the illustrations in the section F or by direct measurement across the diameter of the insulation). Replace all existing terminals with the new terminals, then insert the terminals into the new connector.
   EXAMPLE: You need to replace a connector that is round and has six terminal cavities. The only round replacement connector has three terminal cavities. You would select a replacement connector that has six or more terminal cavities and is not round, then select terminals that will fit the new connector. Replace the existing terminals, then insert them into the new connector and join the connector together.

TERMINAL REPLACEMENT

These steps must be followed when replacing a terminal.
If the wire harness is protected with CFWs, refer to [Extra].

Step 1. Identify the connector and the terminal type.

Step 2. Disconnect the terminal from the connector.

Step 3. Replace the terminal.

Step 4. Install the terminal into the connector.

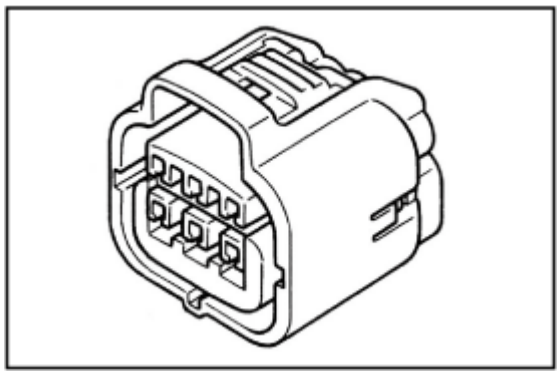
Extra. Special handling for the wires that are protected with CFWs.

Step 1. Identify the connector and the terminal type.

1. Connector Body

a. Identify the part number of the corresponding terminal with wire according to the above-mentioned 1.

b. Identify the part number of the connector body by picking out the correct one from the illustrations according to the number of terminals and the shape.



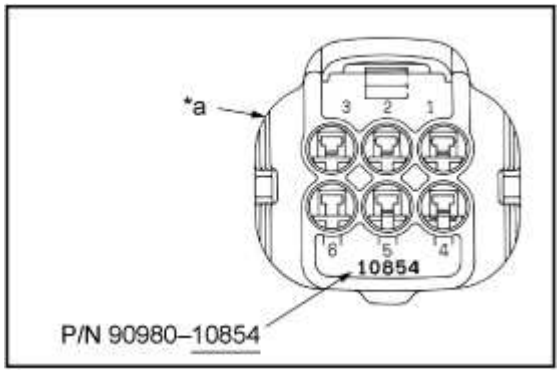
REFERENCE:

a. If you can find no connector which matches the type you require, pick out male and female connector bodies as a set which have more terminals than you require.
For the combined terminal type connector body, pick out and appropriate connector body for each terminal being used.

Example:
When two types of terminal are used in one connector body, pick out a male and female for two different connector bodies.

b. The part number has been stamped on the back of the connector body. (This will continue to be done to new types of connector.)

Example:



*a	Back of the Connector Body

2. Terminal with Wire

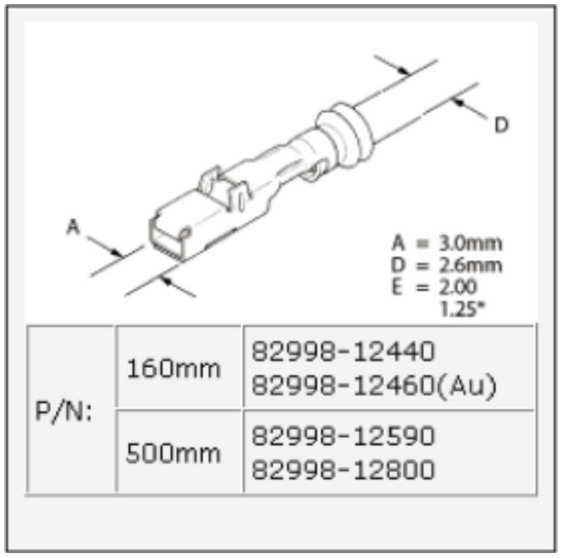
Identify the part number of the terminal with wire by picking out the corresponding illustration from the pictures provided on the following charts.

REFERENCE:

In some of the illustrations, there are two part numbers for the same illustration of terminal with wire, because although the shapes of the terminals are completely the same, there is a difference in with /without gold-plating (gilded).

NOTICE:

- When the terminal used is gold plated, be sure to replace it with a gold plated terminal when marking repairs.
- Do not use male and female terminals which are made of different materials from each other.



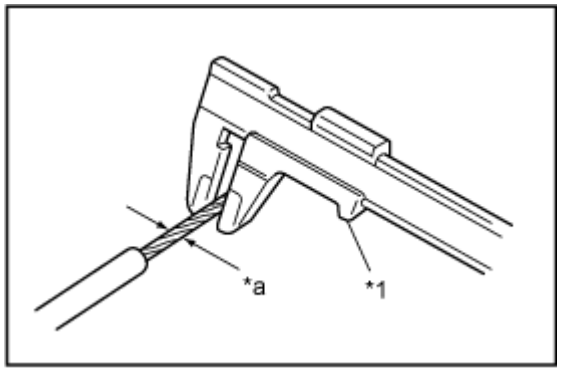
P/N:	160mm	82998-12440 82998-12460(Au)
	500mm	82998-12590 82998-12800

REFERENCE:

To calculate the "Nominal Size" of the wire.

$$\text{Nominal size} = \frac{3.14 \times (\text{Diameter of stripped wire harness})^2}{4}$$

Nominal Size of Wire



*1	Calipers
*a	Rubber Plug

3. Copper wire sleeves

When connecting two wires using a sleeve, select the sleeve according to the following table.

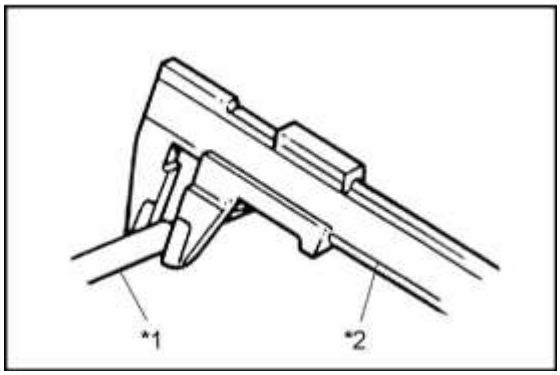
	Small (Red)
	Medium (Blue)
	Large (Yellow)

a. When size is based on the outside diameter of

Wire Outside Diameter

the wire.

Wire Outside Diameter	Sleeve Size (Color)
0.2-1.0 mm	Small(Red)
1.0-2.0 mm	Medium(Blue)
3.0-5.0 mm	Large(Yellow)



*1	Insulation
*2	Calipers

b. When size is based on the nominal size of the wire.

Sleeve size
S : Small (Red)
M : Medium (Blue)
L : Large (Yellow)

*	0.13	0.22	0.3	0.5	0.85	1.25	2	3	5
0.13	-	-	-	S	-	-	-	-	-
0.22	-	-	-	S	-	-	-	-	-
0.3	-	-	S	M	M	M	M	L	L
0.5	S	S	M	M	M	M	M	L	L
0.85	-	-	M	M	M	M	L	L	L
1.25	-	-	M	M	M	M	L	L	L
2	-	-	M	M	L	L	L	L	-
3	-	-	L	L	L	L	L	L	-
5	-	-	L	L	L	L	-	-	-

*Nominal size of the wire

4. Aluminum wire sleeves

When two wires are joined using a sleeve, select the appropriate sleeve by referring to the table shown on the right.

	S (Silver)
	M (Silver)

a. Nominal wire size and sleeve size

Nominal wire size	Sleeve size (Color)
0.75-1.0 sq	S (Silver)
1.25-2.5 sq	M (Silver)

Step 2. Disconnect the Terminal from the Connector.

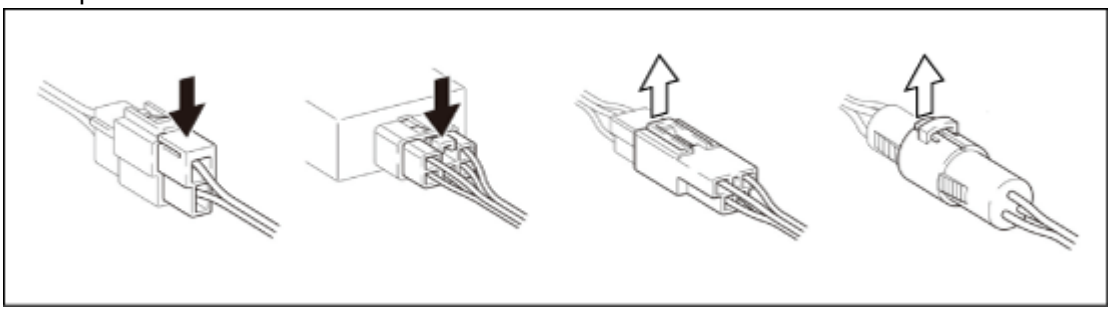
1. Disconnect Connector

To pull apart the connectors, pull on the connector itself, not the wire harness.

HINT:
Check to see what kind of connector you are disconnecting before pulling apart.

Press down type is mainly used.

Example:

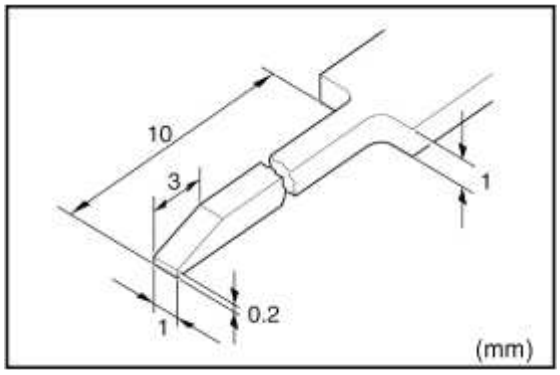


➡	Press Down	⇨	Pull Up

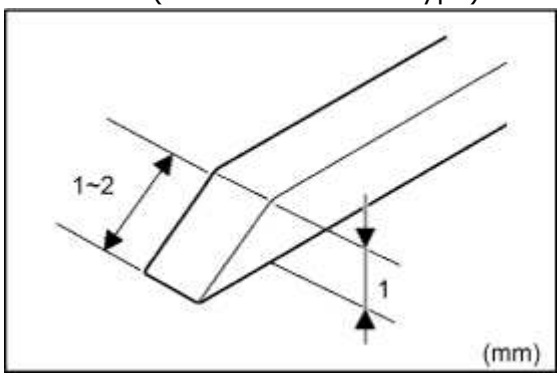
2. Prepare the Special Tool

HINT:
To remove the terminal from the connector, please construct and use the special tool or like object shown on the right.

Reference:



Reference:(for 1.0III KITCUT Type)



3. Disengage the double locking device or terminal retainer.

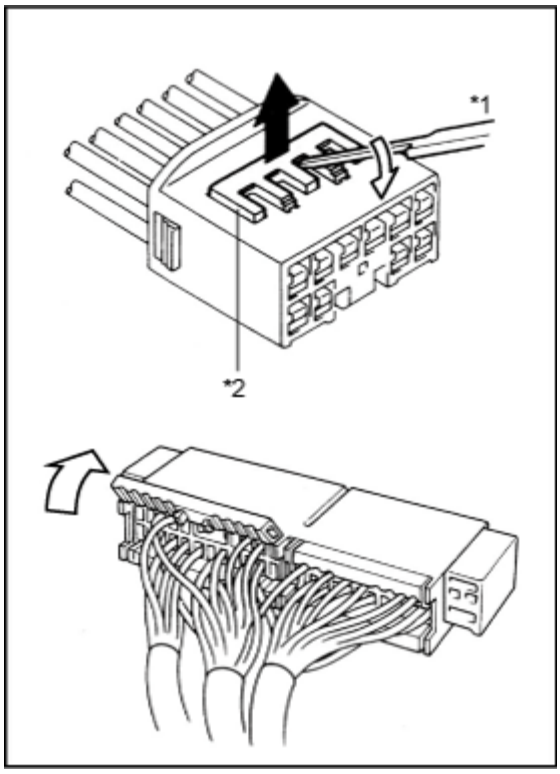
a. Locking device must be disengaged before the

Example:

terminal locking clip can be released and the terminal removed from the connector.

b. Use a special tool or the terminal pick to unlock the double locking device.

NOTICE:
Do not remove the terminal retainer from connector body.

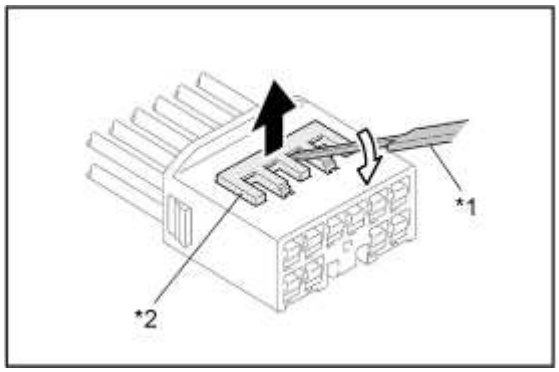


➡	Pull Up
*1	Tool
*2	Terminal Retainer

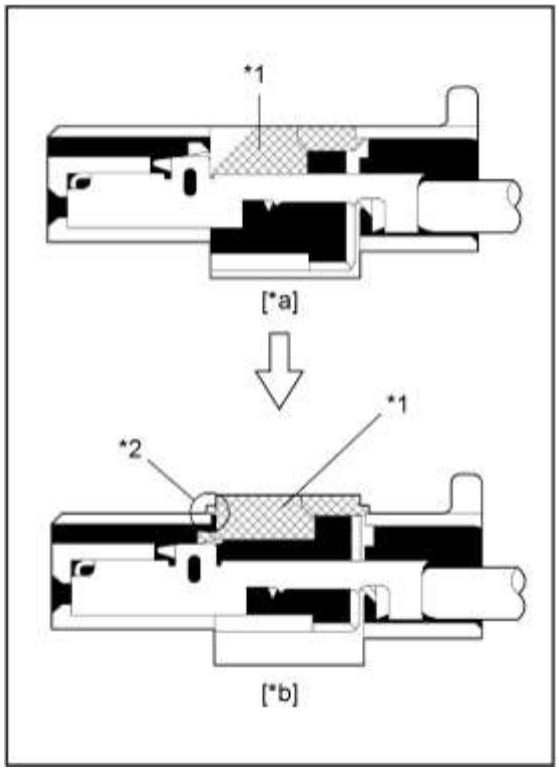
Type A (For 0.64II, 0.64III, 1.0II, 1.8, 2.3II, 4.8 and 8.0 of Non-Waterproof Type Connector)

(1) Using the special tool, raise the retainer up to the temporary lock position.

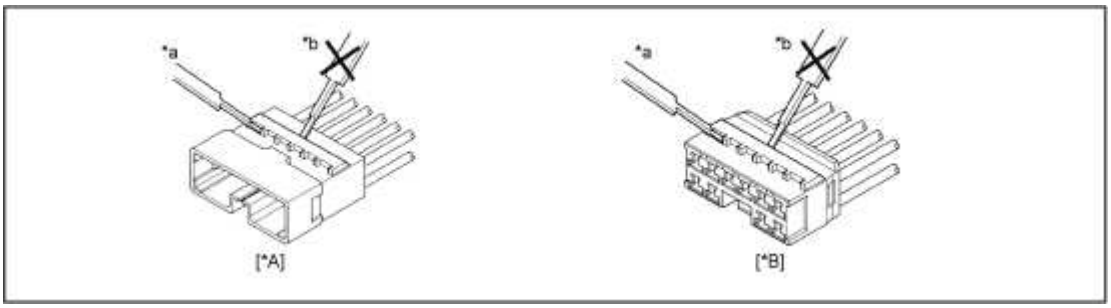
HINT:
The needle insertion position varies according to the connector's shape (number of terminals, etc.), so check the position before inserting it.



*1	Special Tool
*2	Terminal Retainer

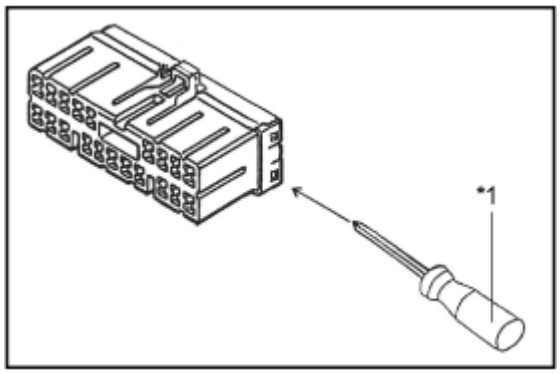


*1	Terminal Retainer
*2	Stopper
*a	Retainer at Full Lock Position
*b	Retainer at Temporary Lock Position



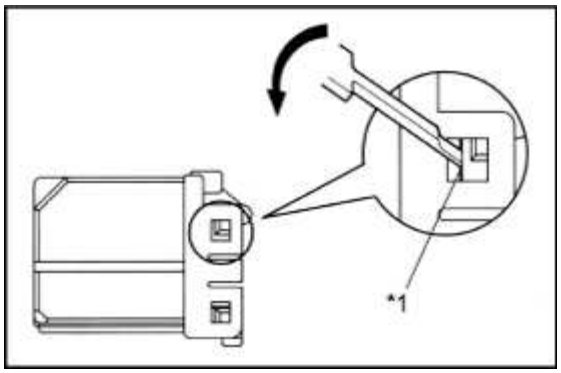
*A	Male	*B	Female
*a	Good	*b	Bad

Type B (For 1.8, 1.0 and TLC of Non-Waterproof Type Connector)



*1	Special Tool

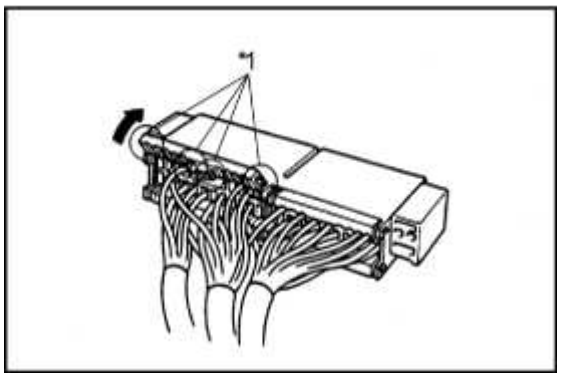
(1) Press the special tool at a 45° angle into the locking lug access hole as shown.
Raise the double locking device up as far as possible.



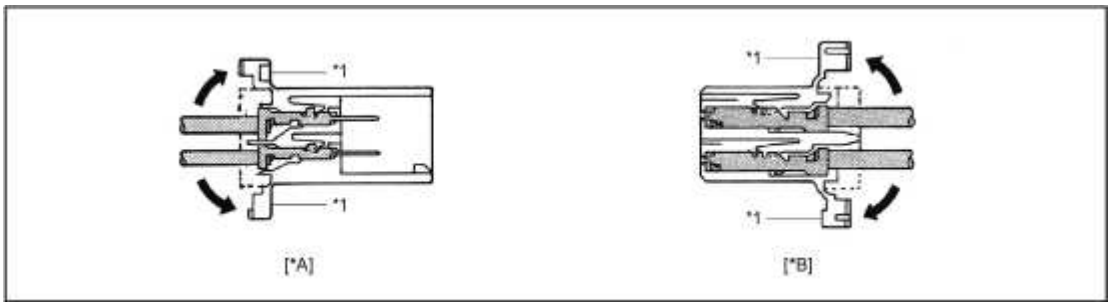
*1	Access Hole

(2) The lock is released and lever is lifted up.

NOTICE:
TLC housing is not be reusable. Please replace it with the new one after replacement of the terminal.



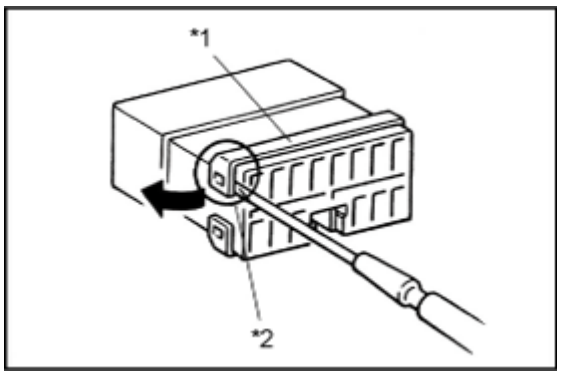
*1	Tab



➡	Open	-	
*A	Male	*B	Female
*1	Double Locking Device	-	

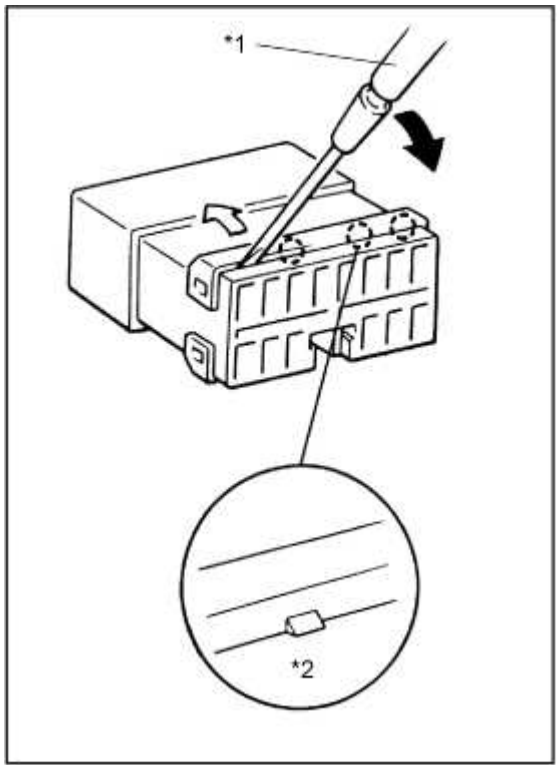
Type C (For TNS, FTC Type Connector)

(1) Widen the side lock part of the retainer from side to side using the special tool.



*1	Retainer
*2	Side Lock

(2) Inset the special tool into the chink between the retainer and the terminal itself. Then pry it to the direction of the arrow shown in the illustration and push the retainer up to release the lock.



*1	Special tool
*2	Lock

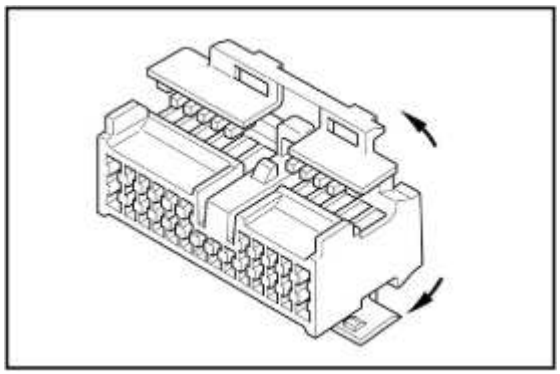
NOTICE:

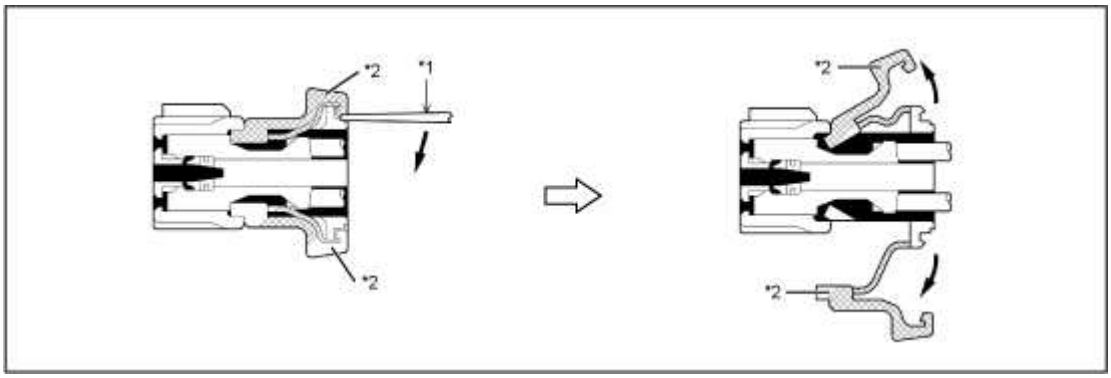
- Do not insert the special tool too much. It may cause damage on the fit section of the terminal and the wire harness.
- TNS housing is not reusable. Please replace it with the new one after replacement of the terminal.

Type D (For 1.3 of Non-Waterproof Type Connector)

[Case 1]

(1) Use the special tool to unlock the double locking device.

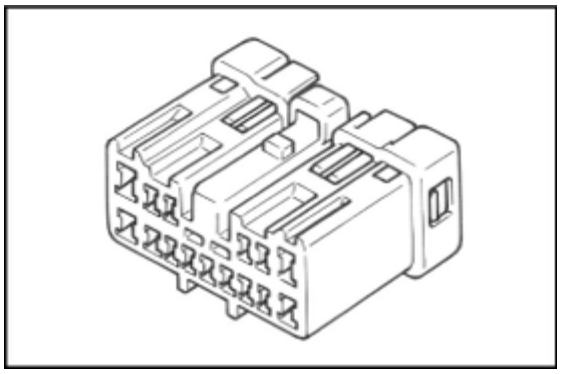


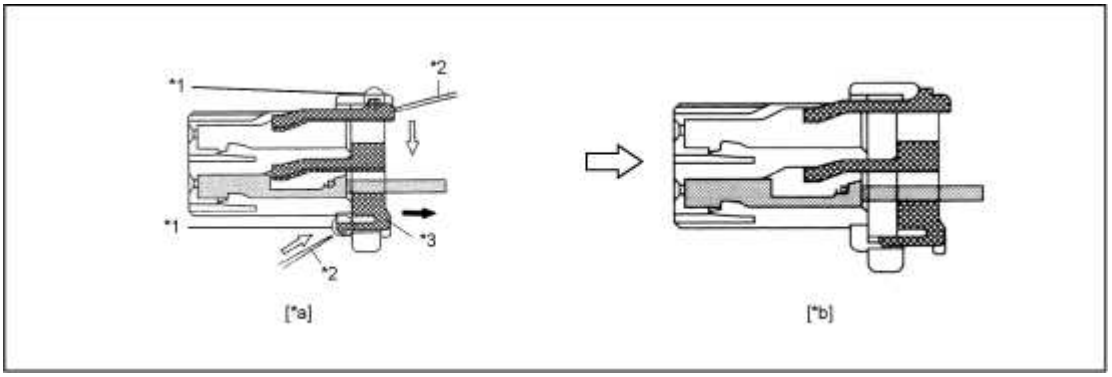


*1	Special Tool	*2	Double Locking Device

[Case 2]

(1) Using the special tool, push the terminal retainer locking lug (clip) and pull the terminal retainer up to the temporary lock position.

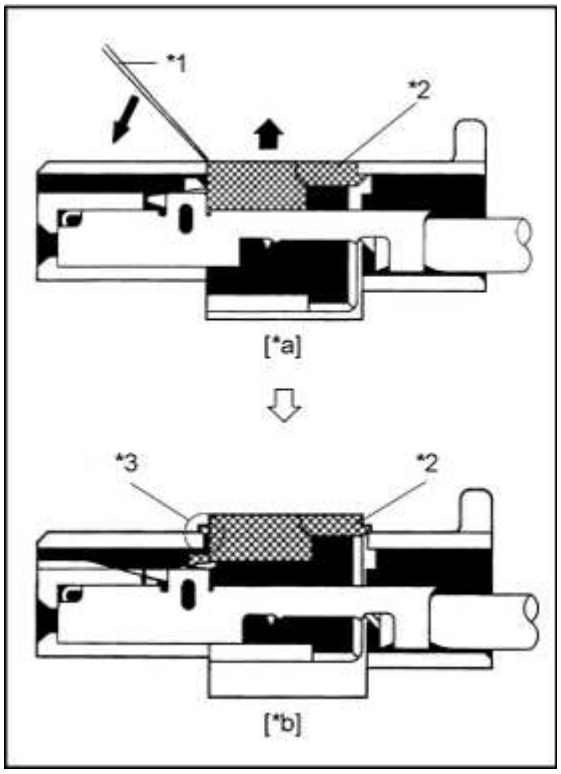




*1	Locking Lug	*2	Spacial Tool
*3	Terminal Retainer	-	
*a	Retainer at Full Lock Position	*b	Retainer at Temporary Lock Position

[Case 3]

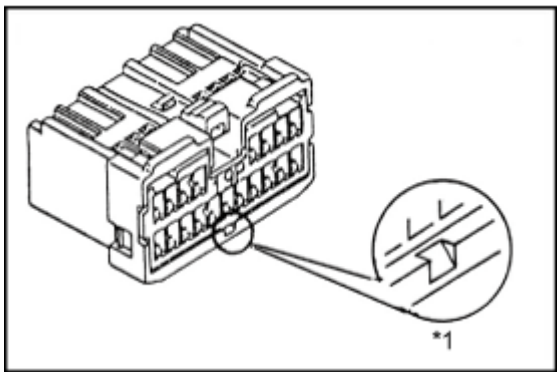
(1) Using the special tool, raise the retainer up to the temporary lock position.



*1	Special Tool
*2	Terminal Retainer
*3	Stopper
*a	Retainer at Full Lock Position

*b	Retainer at Temporary Lock Position

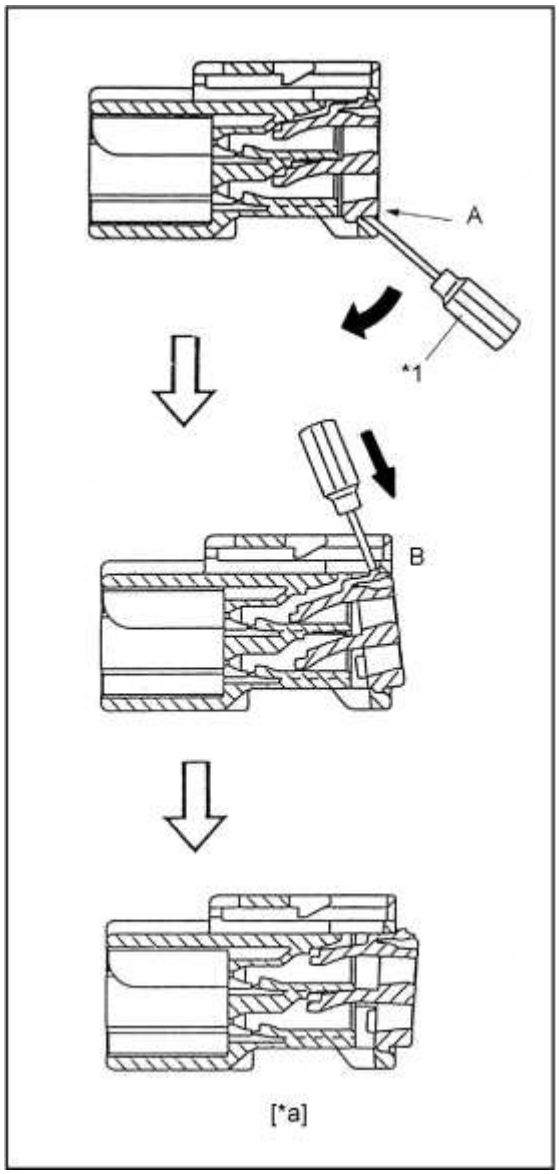
[Case 4]



*1	Service hole

(1) Insert the special tool into the service hole and move it to the direction of the arrow to release the lock on the side A.

(2) Push the lock on the side B up by the special tool and release the lock. Then pull the retainer forward.



*1	Special tool
*a	Appearance when the double locking is released

Type E (For 0.64, 1.8, 2.3, 2.3II, 4.8, 6.3 and 8.0 of Waterproof Type Connector)

HINT:

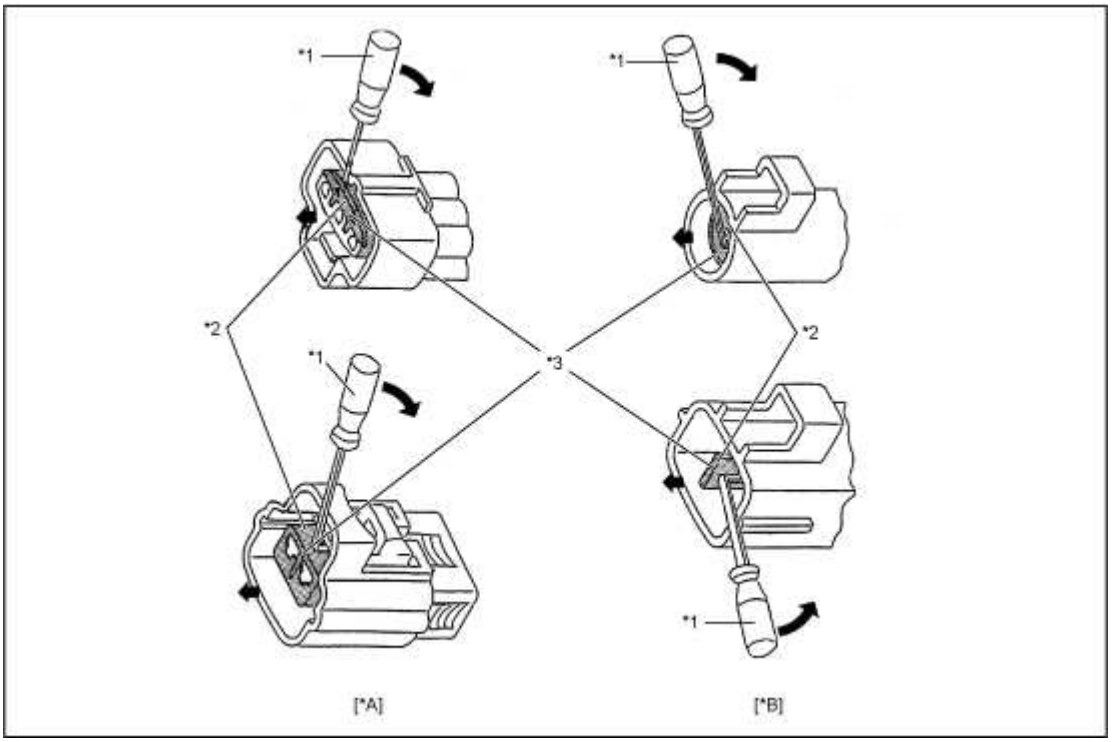
Terminal retainer color is different according to connector body.

Example:

Terminal Retainer	Connector body
Black or White	Gray
Black or White	Dark Gray
Gray or White	Black

[Case 1]

Type where terminal retainer is pulled up to the temporary lock position (Pull Type).

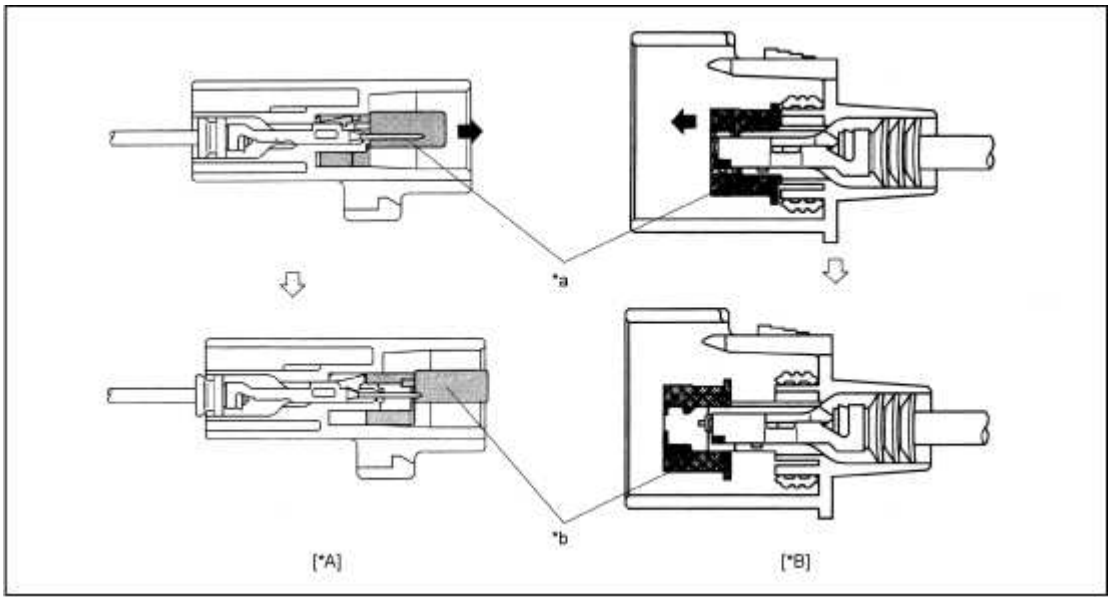


*A	Female	*B	Male
*1	Special tool	*2	Terminal Retainer
*3	Access Hole	-	

(1) Insert the special tool into the terminal retainer access hole (▲ Mark) and pull the terminal retainer up to the temporary lock position.

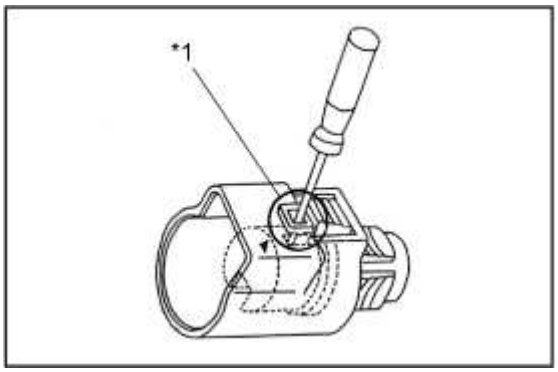
HINT:

The needle insertion position varies according to the connector's shape (Number of terminals etc.), so check the position before inserting it.



*A	Male	*B	Female
*a	Terminal Retainer at Full Lock Position	*b	Temporary Lock Position

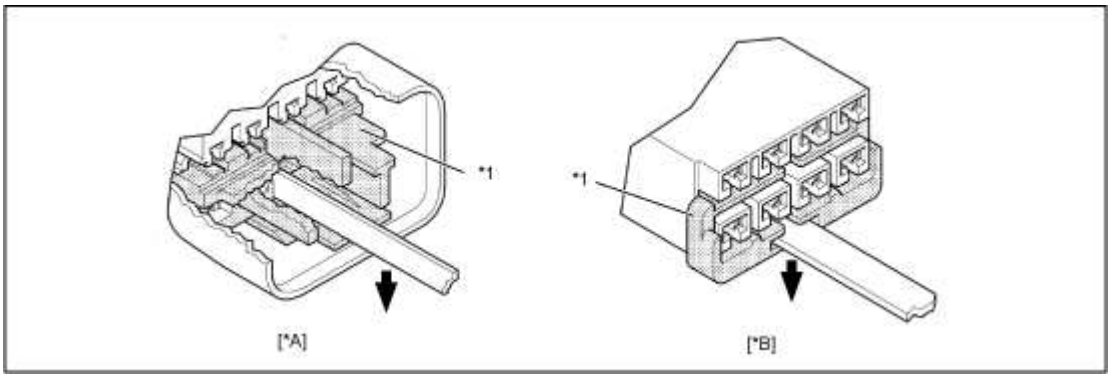
HINT:
In some cases insert the special tool from the access hole on the flank of the housing.



*1	Access hole

[Case 2]
Type which cannot be pulled as far as Power Lock

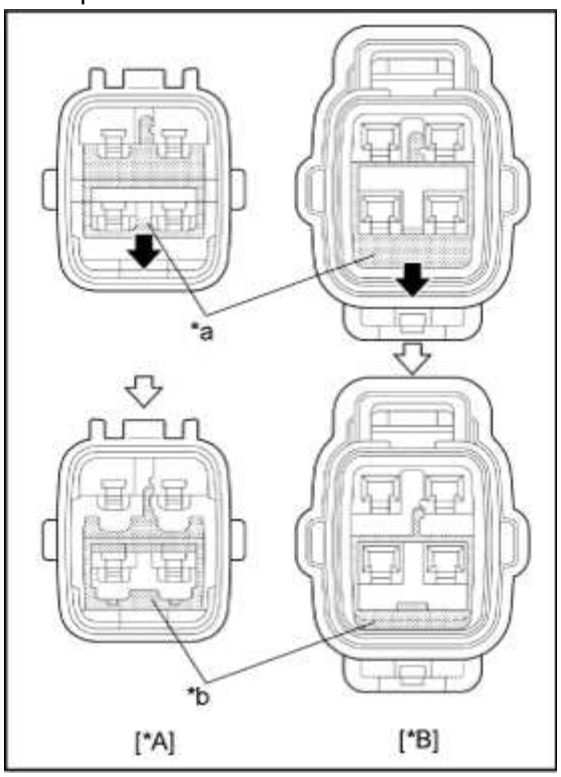
HINT:
There are few cases of this type of connector



➡	Press Down	-	
*A	Male	*B	Female
*1	Terminal Retainer	-	

(1) Insert the tool straight into the access hole of terminal retainer as shown.
Push the terminal retainer down to the temporary lock position.

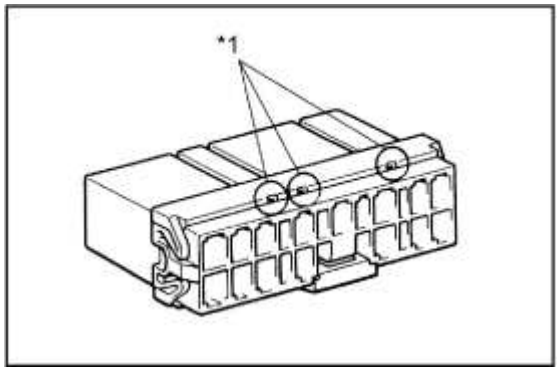
Example:



*A	Male
*B	Female
*a	Retainer at Full Lock Position
*b	Retainer at Temporary Lock Position

Type F (For C-Type Connector)

(1) Insert the special tool into the service hole.



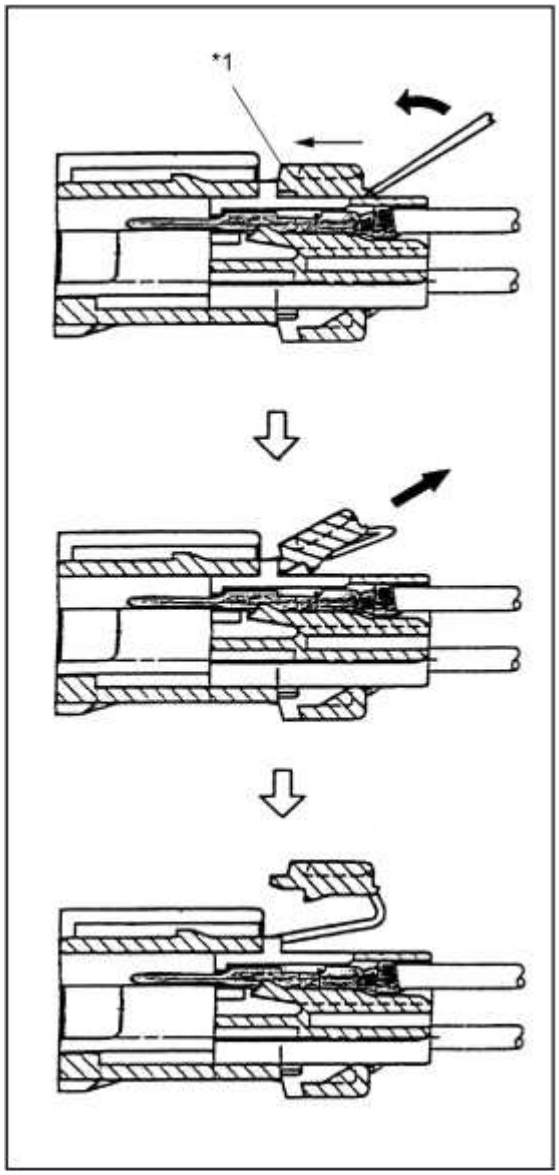
*1	Service hole

(2) Move the special tool to the direction of the arrow and release the lock.

HINT:

Lift the retainer up after moving it to the direction of the thin arrow shown in the illustration.

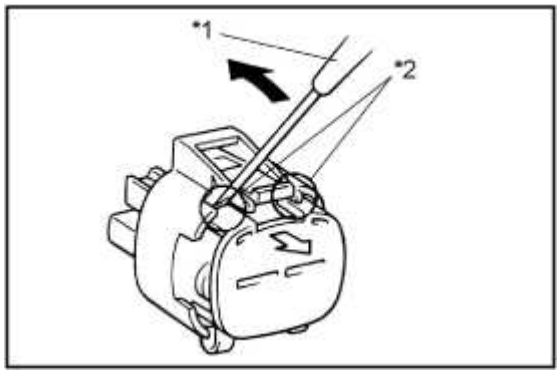
(3) Pull the retainer forward by hand and remove the retainer from the housing.



*1	Retainer

Type G

(1) Insert the special tool into the position shown in the illustration. Pry it to the direction of the arrow and push the lock up to release it.



*1	Special tool
*2	Lock

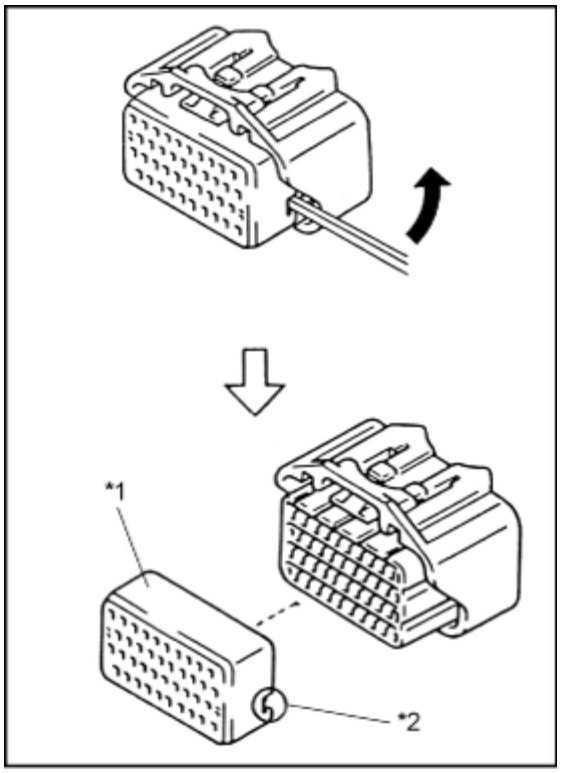
Type H (For 1.0II Type Connector)

(1) Move the special tool into the notch of the retainer to the direction of the arrow with the edge of the housing as the fulcrum. Then the pull the retainer out.

NOTICE:

Do not insert the special tool into areas except notches. (This may damage the seal ring that is attached behind the retainer.)

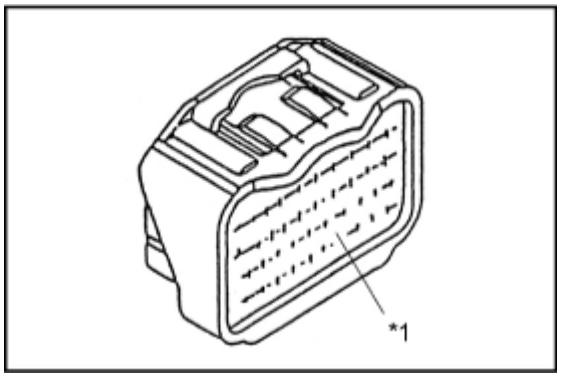
(2) As same as the procedure (1), pull the retainer straight out using hand after releasing the lock on the other side.



*1	Retainer (Yellow)
*2	Notch

NOTICE:

- Do not remove the seal rubber when pulling the terminal out.
- If the seal rubber is peeled off when puling the terminal out, press it down to stick it to the original condition.
- Be sure and not fit the connector when the retainer is not installed.

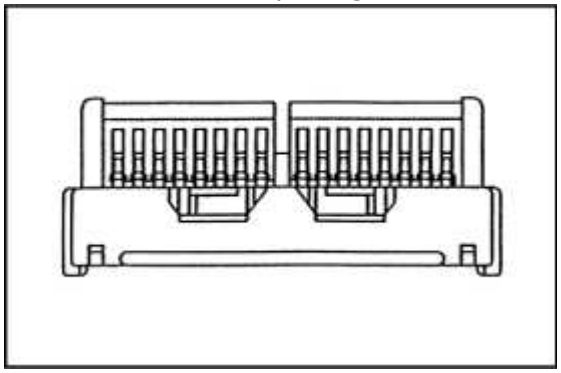


*1	Seal rubber

Type I (For SFPC Type Connector)

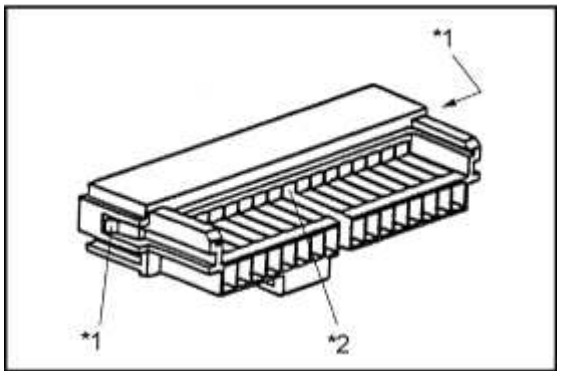
(1) Open the cover (white)

Condition of cover opening



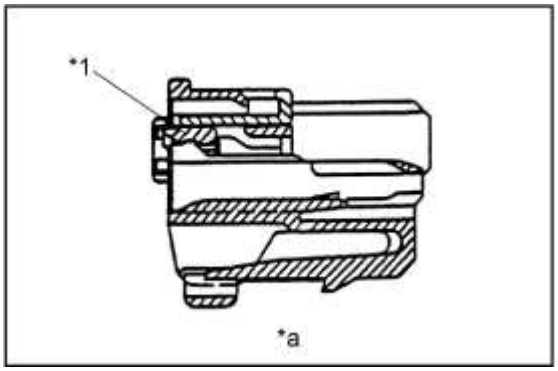
(2) Remove the side lock of the retainer. (One side)
(3) Remove the center lock of the housing.
(4) Remove the side lock of the retainer. (The other side)

NOTICE:
- Following the above order is not required.
- No center lock on the housing with ten poles.



*1	Side Lock
*2	Center Lock

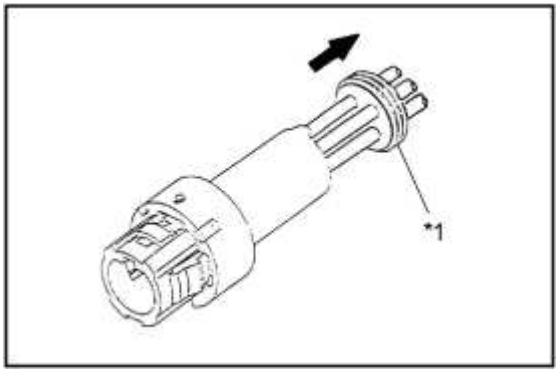
(5) Move the retainer until it becomes the initial condition.



*1	Retainer
*a	Initial condition

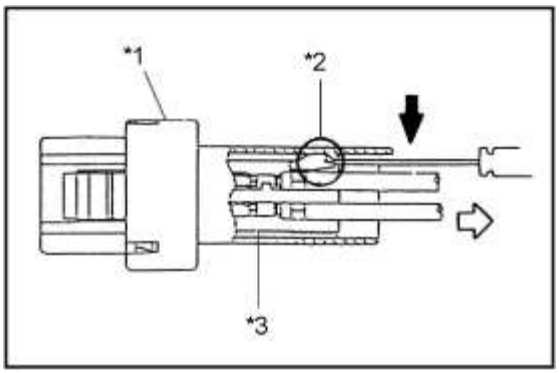
Type J

[Male]
(1) Remove the rubber plug.



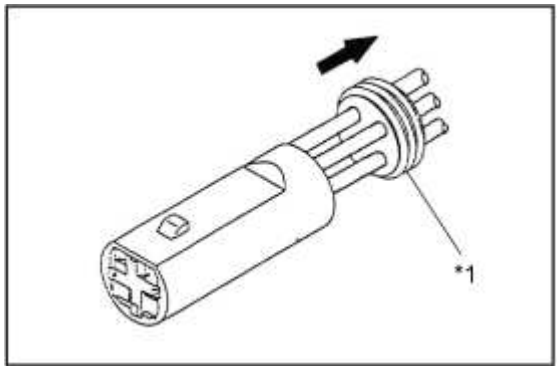
*1	Rubber Plug

(2) Push the lock of the inner using the special tool.
(3) Pull the wire to the direction of the arrow pushing the lock up and remove the inner from the outer.



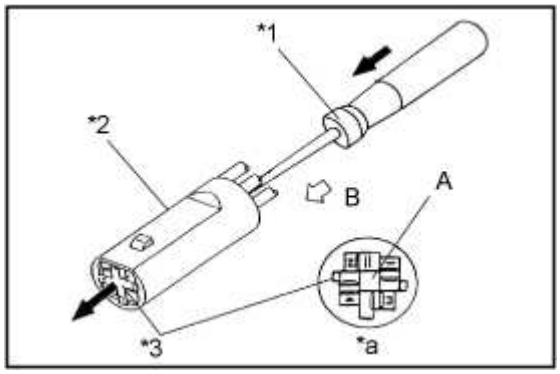
*1	Outer
*2	Lock
*3	Inner

[Female]
(1) Remove the rubber plug.



*1	Rubber Plug

(2) Insert the special tool into the outer shown in the illustration. Then push the area A of the inner and remove the inner from the outer.

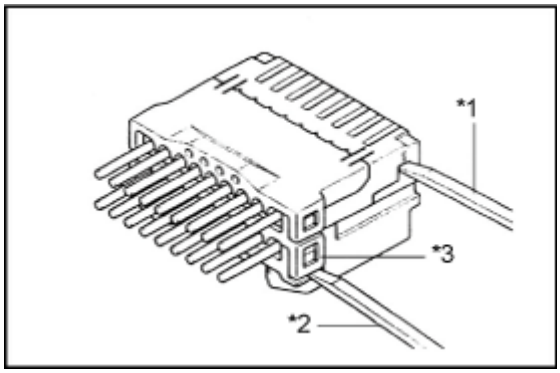


*1	Special tool
*2	Outer
*3	Inner
*a	Illustration from side B

Type K (For Insulation Displacement Connector)

(1) Separate Connector
Using a special tool, release the lock and separate the connector into 2.

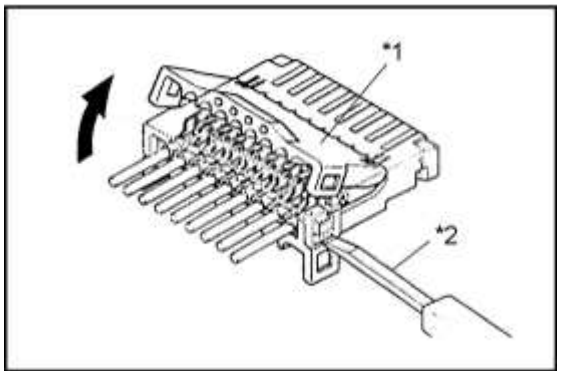
NOTICE:
Do not apply too muck force to the lock arm.



*1	Special Tool
*2	Special Tool
*3	Lock

(2) w/ Cover : Open Connector Cover
Using a special tool, release the lock and open the cover.

NOTICE:
Do not apply too much force to the lock arm.

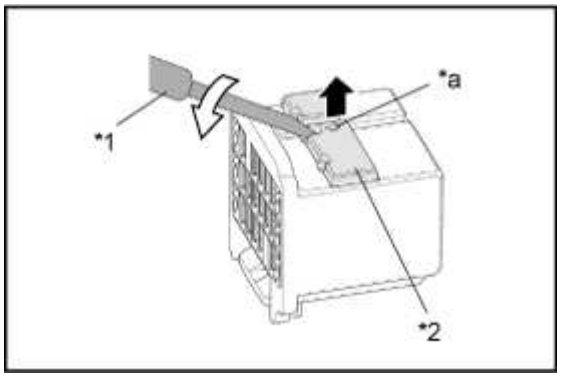


*1	Cover
*2	Special Tool

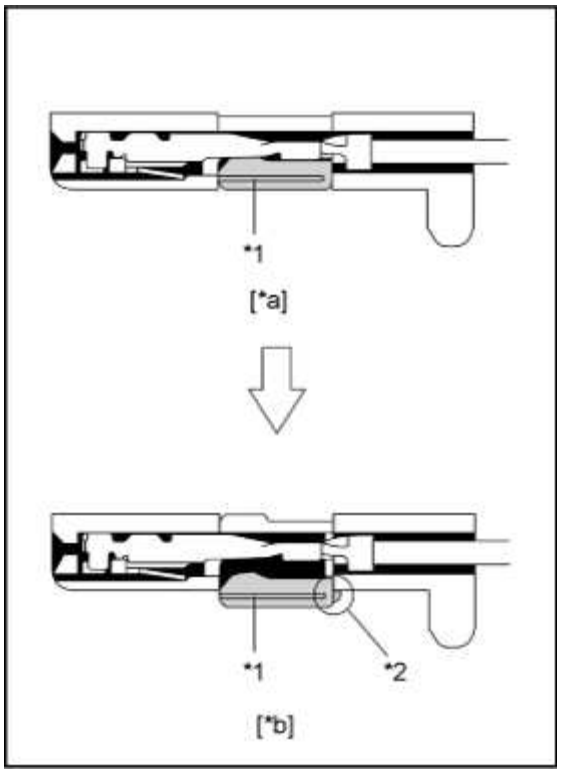
Type L (For 0.64 Type Connector)

(1) Using the special tool, raise the retainer up to the temporary lock position.

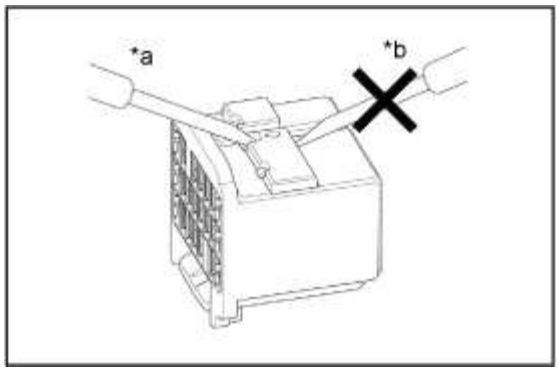
HINT:
The needle insertion position varies according to the connector's shape (number of terminals, etc.), so check the position before inserting it.



➡	Pull Up
*1	Special Tool
*2	Terminal Retainer
*a	Special Tool Insert Mark



*1	Terminal Retainer
*2	Stopper
*a	Retainer at Full Lock Position
*b	Retainer at Temporary Lock Position



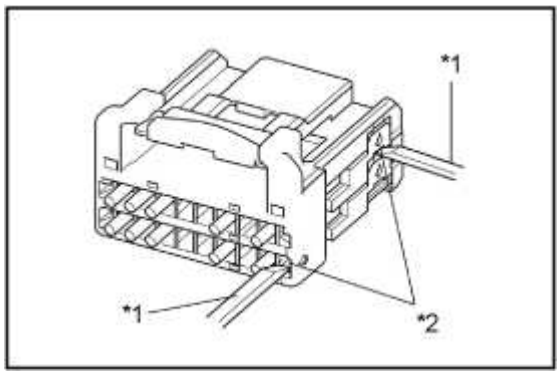
*a	Good
*b	Bad

Type M (For 0.64 of Insulation Displacement Connector (IDC) Type)

(1) Remove the Lower Housing
Using a special tool, release the lock and remove the lower housing.

NOTICE:

- Do not apply too much force to the lock arm.
- Mark the upper housing and lower housing to prevent mistakes when putting them together.

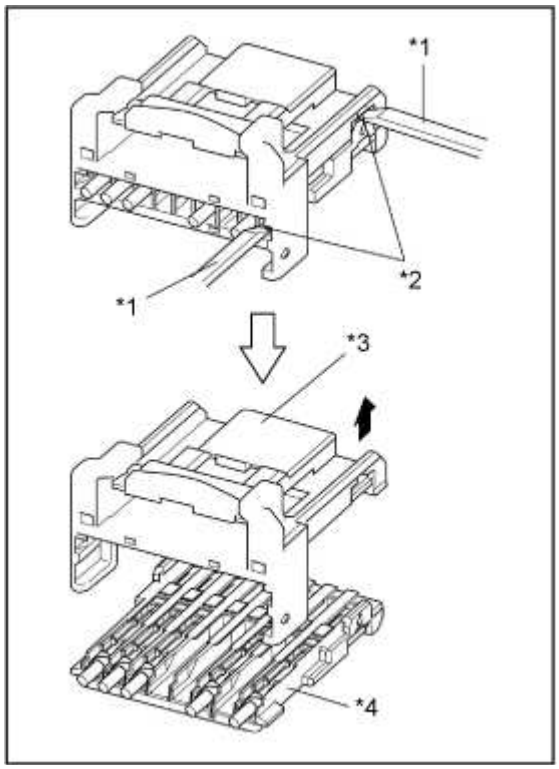


*1	Special Tool
*2	Lock

(2) Remove the Upper Housing
Using a special tool, release the lock and remove the upper housing from the lock housing.

NOTICE:

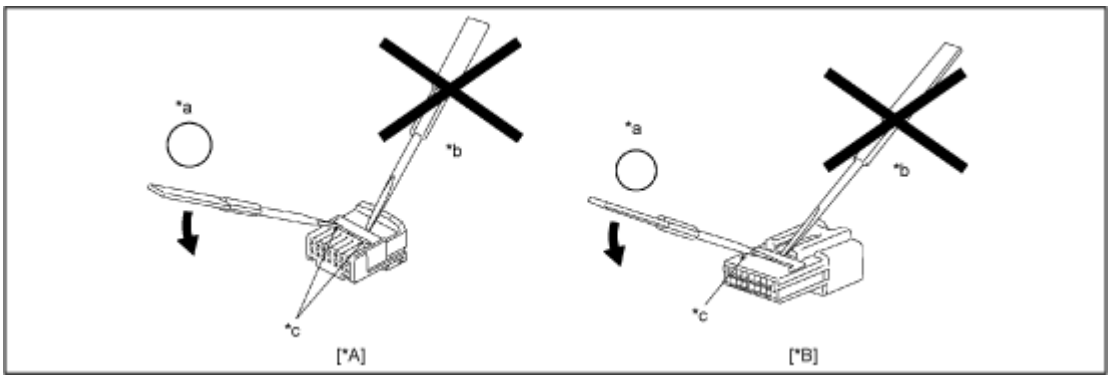
- Do not apply too much force to the lock arm.
- Mark the upper housing and lower housing to prevent mistakes when putting them together.



*1	Special Tool
*2	Lock
*3	Lock Housing
*4	Upper Housign

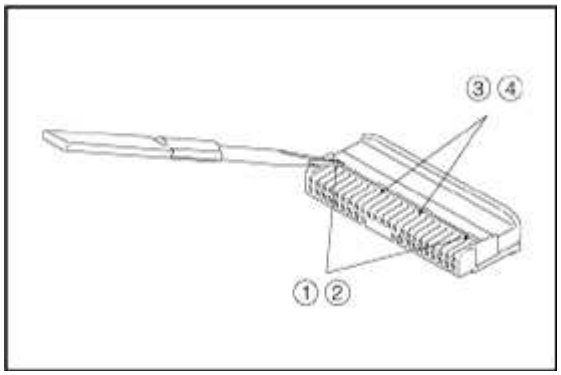
Type N (For 0.64II Type Connector)

(1) Insert the tool into the insertion position near the tool mark and raise the terminal retainer up to the temporary lock position using the tool.



*A	Female	*B	Male
*a	Good	*b	Bad
*c	Tool Mark	-	

Disengagement order

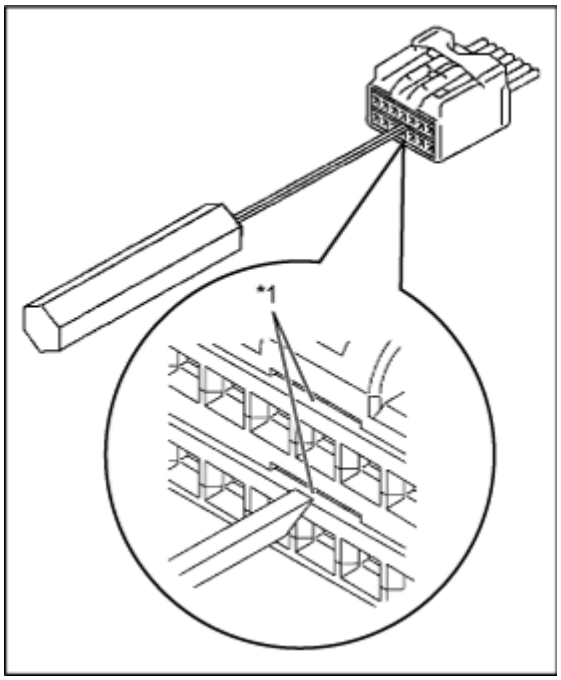


NOTICE:

- Use a precision screwdriver (1.2mm) or special tool when disengaging the terminal retainer.
- Do not insert the tool into any position other than the tool insertion positions. After disengaging the terminal retainer, be sure to check that the terminal retainer has not been deformed. If it has been deformed, replace it with a new one.
- Some connectors have 2 or more tool insertion positions. When disengaging the terminal retainer from these types of connectors, follow the disengagement order shown in the illustration on the right.

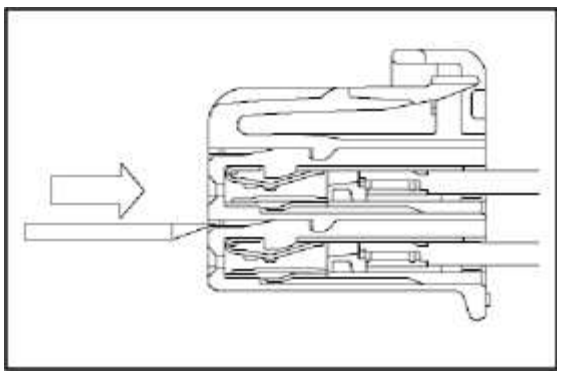
Type O (For 1.0III of KITCUT Type Connector)

(1) Insert a jig horizontally into the jig insertion hole.
(2) Push the jig in until it stops.



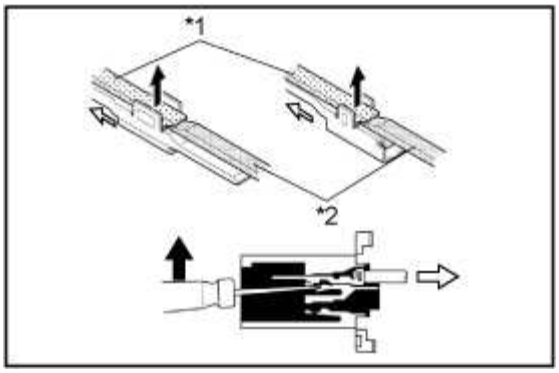
*1	Jig Insertion Hole

(3) Pull out the wire in the direction indicated by the arrow and remove the housing.



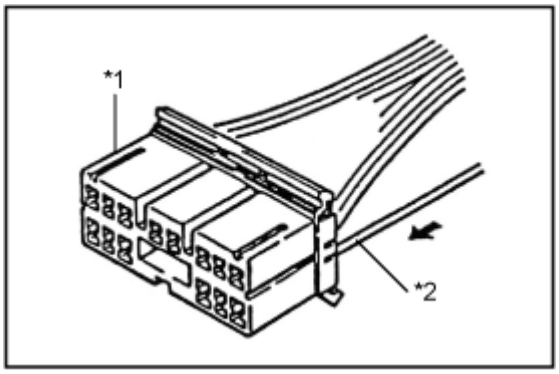
4. Disconnect Terminal from Connector

a. Determine the primary locking system from the charts.
   1. Lock Located on terminal
   2. Lock Located on connector
   3. Method of entry and operation



⇨	Pull Up
➡	Pull Out
*1	Locking Clip
*2	Special Tool

b. Push the terminal gently into the connector and hold it in this position.



*1	Connector
*2	Wire Harness

c. Insert the special tool into the connector in the direction shown in the chart.

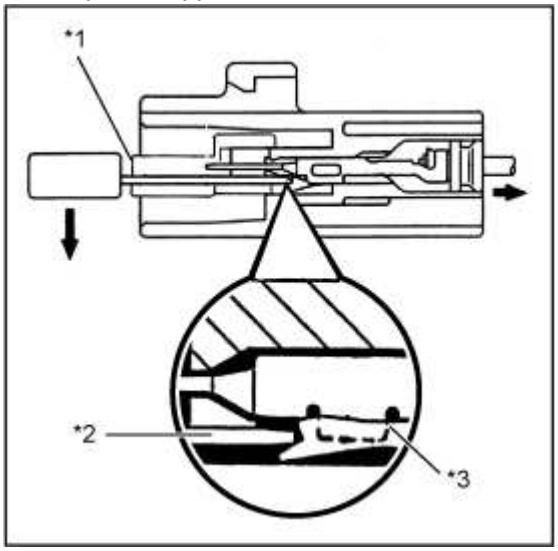
d. Move the locking clip to the unlock position and hold it there.

NOTE:
- Do not apply excessive force to the terminal.
  Do not pry on the terminal with the special tool.

e. Carefully withdraw the terminal from the connector by pulling the lead toward the rear of the connector.

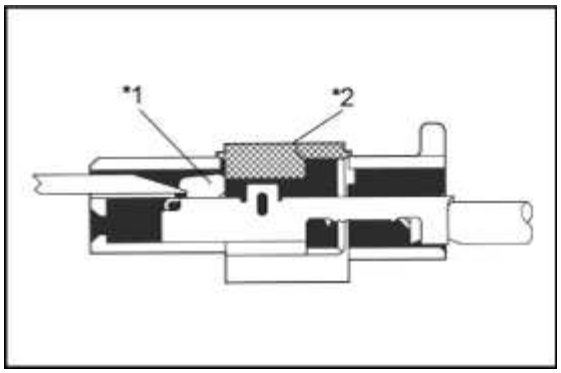
NOTE:
- Do not use too much force. If the terminal does not come out easily, repeat steps (a) through (e).

Waterproof Type



*1	Terminal Retainer
*2	Special Tool
*3	Locking Clip

Non-Waterproof Type:(4.8)



*1	Locking Clip
*2	Terminal Retainer

f. Insert the SST into the connector in the direction shown in the chart.

g. Insert the SST fully to the tool hole, and push the terminal lance.

NOTICE:

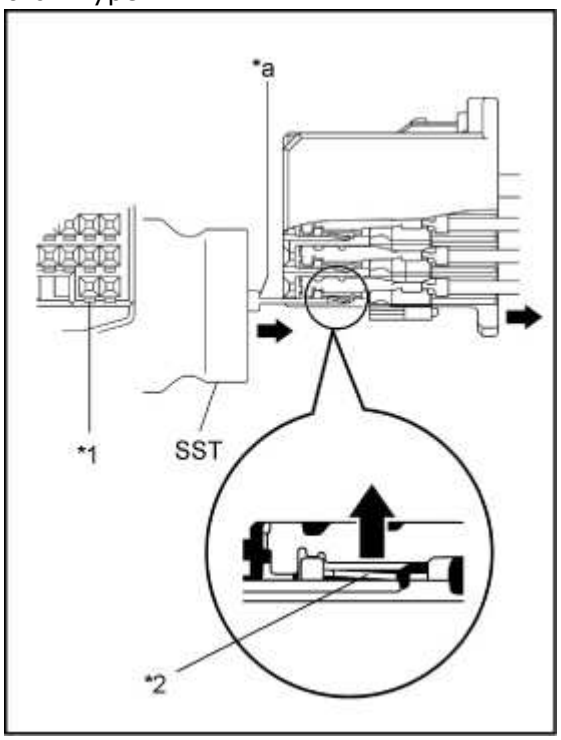
- The terminal has a lance shape, therefore, the housing may be damaged and the terminal may get stuck if forcibly pried by wires etc.
- Insert the SST so that the stopper portion surface is facing up.

h. Carefully withdraw the terminal from the connector by pulling the lead toward the rear of the connector.

NOTICE:

Removal of the terminal from housing cavity will cause damage to the wire seal section, deteriorating waterproofing performance. Replace the connector with a new one.

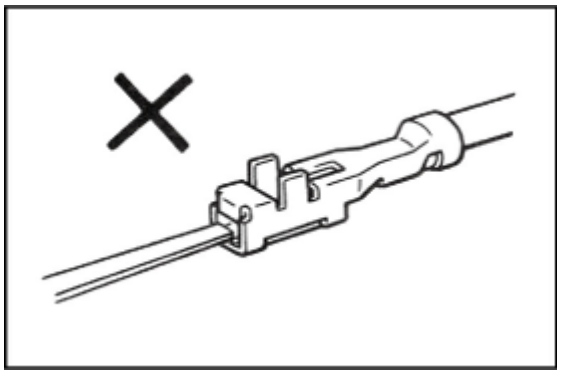
0.64 Type



*1	Tool Hole
*2	Terminal Lance
*a	Stopper Portion

NOTICE:

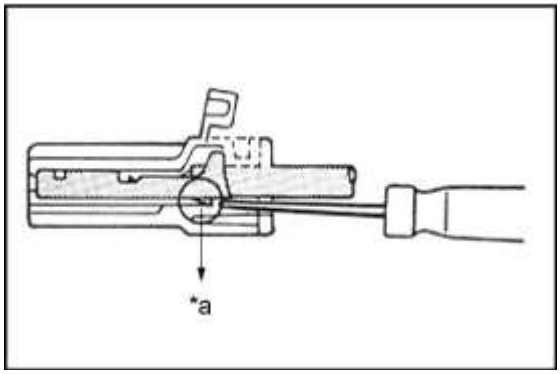
Do not insert the special tool into the female terminal box. If you do so, replace the terminal with the new one whether the terminal is broken or not.



NOTICE:

Non-Waterproof type (TLC housing)

As for Non-waterproof type TLC housing, insert the special tool into the housing from wire harness side.



*a	Insert the tool from wire harness side

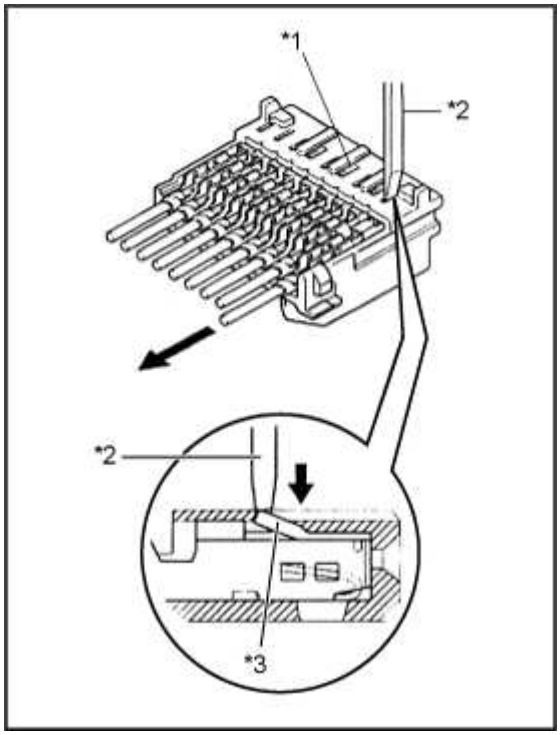
Insulation Displacement Connector Type

a. Using a special tool, push the terminal lance from the tool hole.

b. Carefully withdraw the terminal from the connector by pulling the lead toward the rear of the connector.

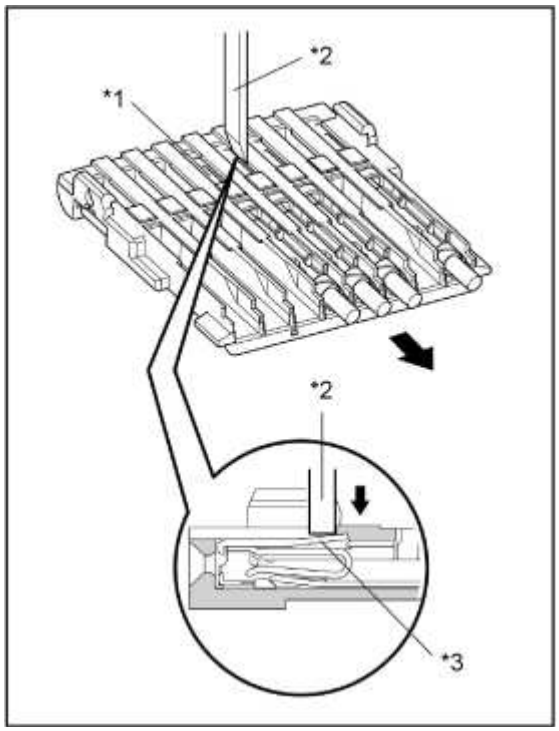
NOTICE:

- Do not use too much force. If the terminal does not come out easily, repeat step (a).
- Always change the wire with the repair wire, in accordance with step 3.



*1	Tool Hole
*2	Special Tool
*3	Terminal Lance

0.64 Type

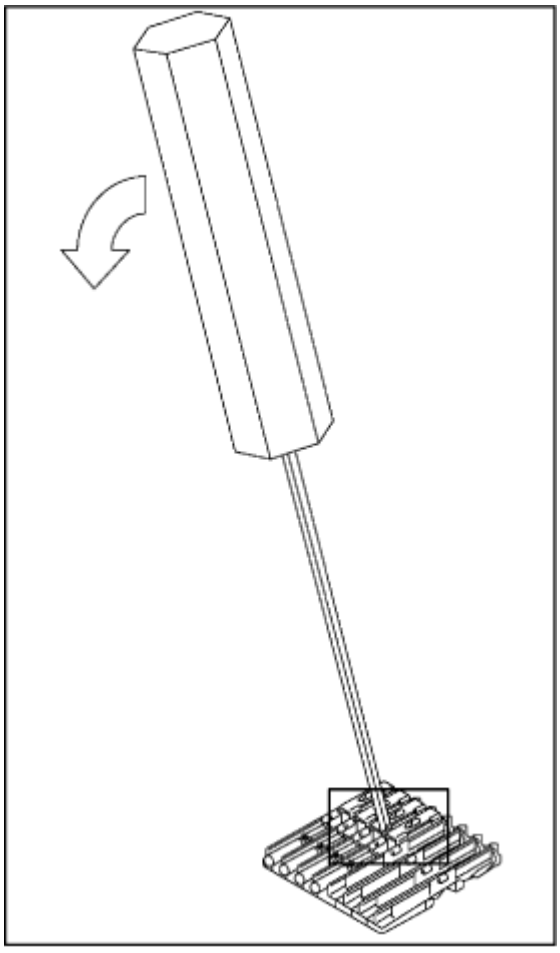


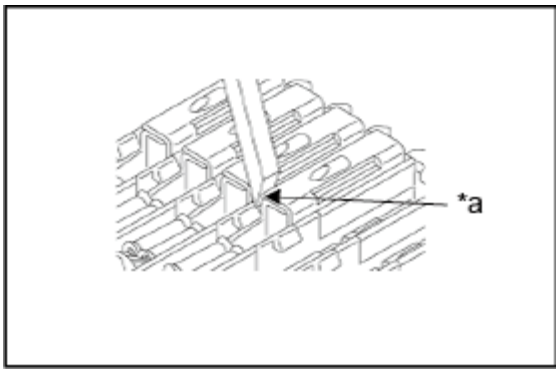
*1	Tool Hole
*2	Special Tool
*3	Terminal Lance

1.0III of KITCUT Type Connector

a. Remove Female Terminal

(1) Insert the jig tip at an angle, as shown in the illustration on the right.
(2) Move the jig in the direction indicated by the arrow to push and release the primary lock.



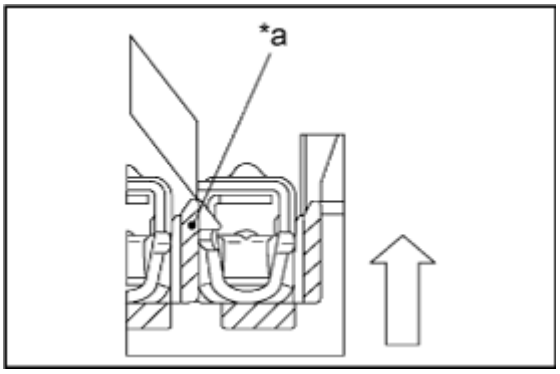


*a	primary lock

(3) Pull out the terminal in the direction indicated by the arrow and detach it.

NOTICE:

- Do not remove and reinstall the same terminal more than 3 times.
- If the terminal is deformed at all, dispose of it.
- Do not apply too much force when releasing the primary lock.
- Do not apply too much force when pulling out the terminal. If the terminal does not come out easily, repeat steps (1) to (3).



*a	Pull Out Terminal While Pushing

b. Remove the insulation displacement female terminal

NOTICE:

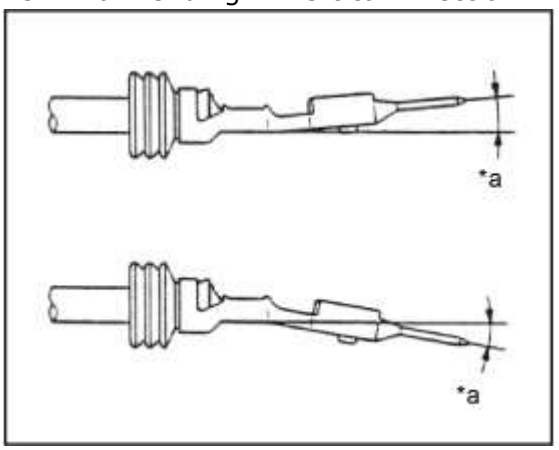
- Do not repair the insulation displacement female terminal.
- Always replace the part with a new one if any terminals are removed.

5. Inspect the terminal and the connector for damage.

NOTE:

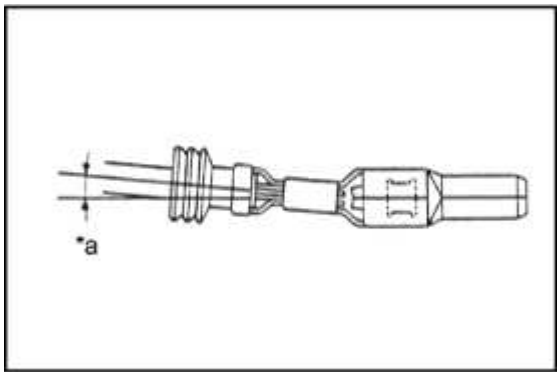
- The locking clip is easily damaged.
- Do not reuse the damaged part.

Terminal Bending in Vertical Direction



*a	1° or less

Terminal Bending in Horizontal Direction



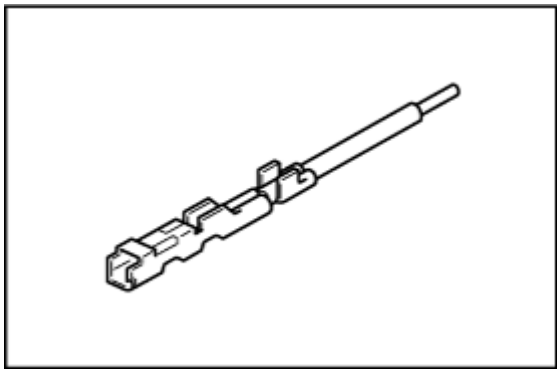
*a	3° or less

Step 3. Replace the terminal.

Copper wires

1. Select the appropriate repair wire terminal

a. Select the correct replacement terminal with lead, from the supply parts.



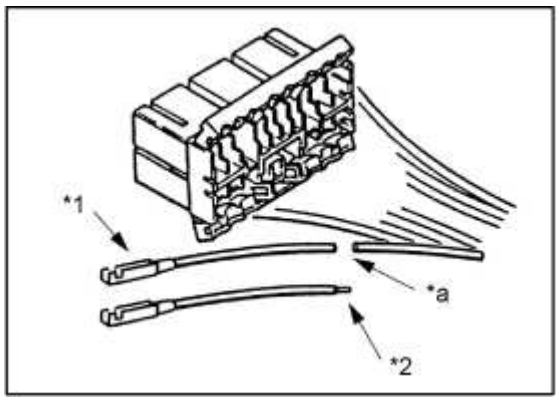
2. Replace the wire terminal.

a. Use the new wire lead as a guide for proper length.

REFERENCE:

If the length of wire removed is not approximately the same length as the new piece, the following problems may develop:

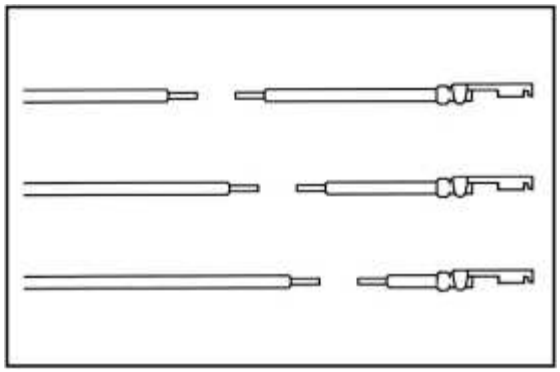
- Too short -- tension on the terminal, splice, or the connector, causing and open circuit.
- Too long -- excessive wire near the connector, may get pinched or abraded, causing a short circuit.



*1	Existing terminal
*2	Repair wires
*a	Cut

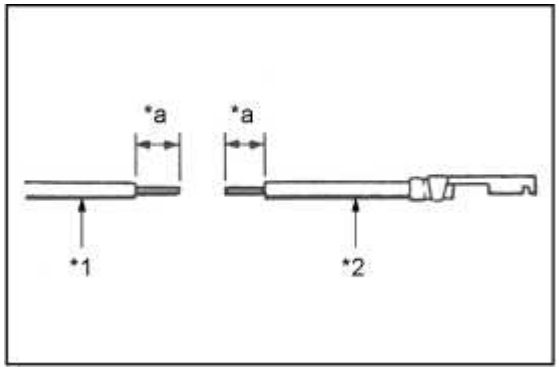
REFERENCE:

When connecting a wire harness at there or more spots to the same connector, cut the wire harness as shown on the right.



3. Remove the sheaths from the existing wire and the repair terminal wire.

a. Start stripping at least 8 mm to 11 mm away from the end of the existing harness at vehicle side and also from the end of the repair wire.

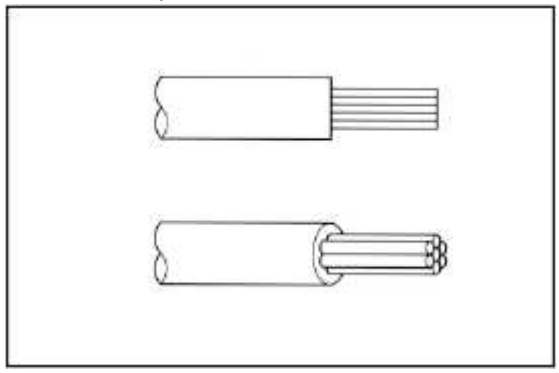


*1	Existing Harness
*2	Repair Wires
*a	8~11 (mm)

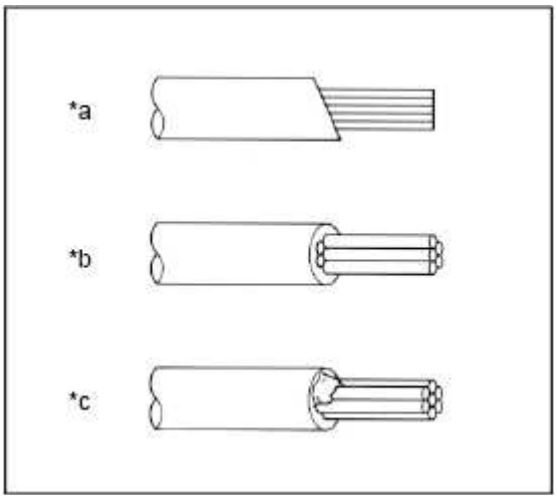
NOTICE:

Do not damage or cut the wire strand. After the sheath is removed, visually check the wire. If any damage is found, do the sheath removal again.

Good Example:



Bad Example:



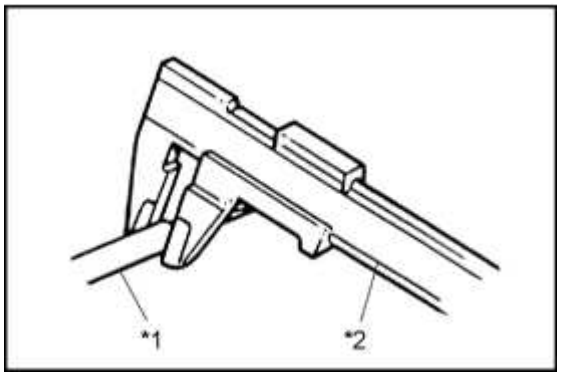
*a	Wire insulation is Stripped at Slant
*b	Wire Lead is Cut
*c	Insulation Remains on the Lead

4. Select Correct Size of Sleeve from the Supply Parts.

a. Using a caliper, measure the outer diameter of the wire or the diameter of the wire strand.

- When the sleeve size is determined according to the wire outer diameter:
  Measure the outer diameter of the wire using a caliper.

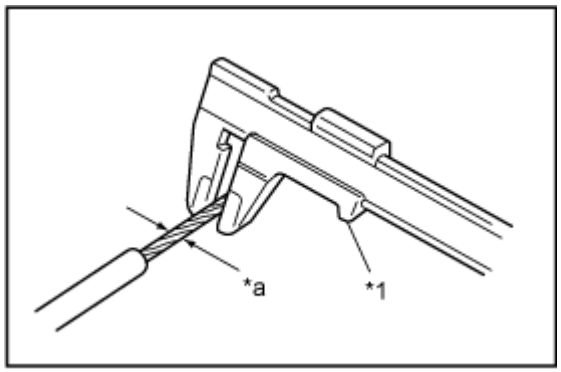
Wire Harness Outside Diameter



*1	Insulation
*2	Calipers

- When the sleeve size is determined according to the nominal diameter of the wire strand:
  Measure the diameter of the wire strand using a caliper.

Nominal Size of Wire



*1	Calipers
*a	Wire Lead Diameter

REFERENCE:
To calculate the "nominal size" of wire

$$\text{Nominal size} = \frac{3.14 \times (\text{Diameter of wire lead})^2}{4}$$

b. Use the table to determine proper sleeve size

Sleeve size	Part Number	Nominal size of wire (Outside Diameter of
		Small (Red)

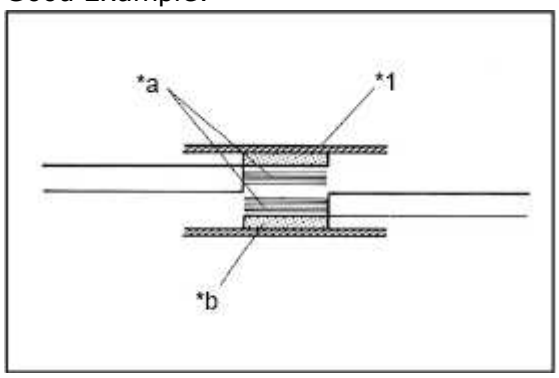
		wire)		
Small	82999-12010	0.3 or less (1.0 - 0.2 mm)		Medium (Blue)
Medium	82999-12020	0.5 - 1.25 (2.0 - 1.0 mm)		Large (Yellow)
Large	82999-12030	2 or more (5.0 - 3.0 mm)		

5. Join the strands of the existing wire and new terminal wire

NOTICE:
If unauthorized work procedures, crimping tools or sleeves are used in copper wire repair, an improper wire connection may occur.

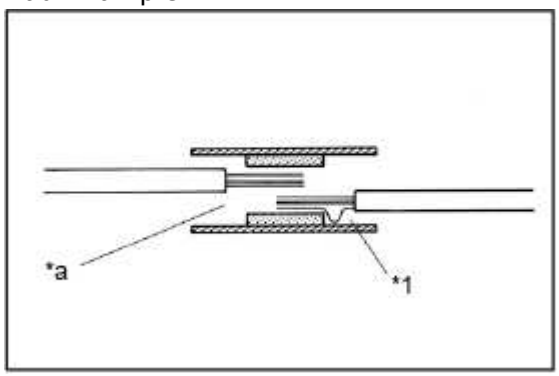
a. When nominal size is 0.3 or more
Overlap the two stripped wire ends inside the sleeve as illustrated on the right.

Good Example:



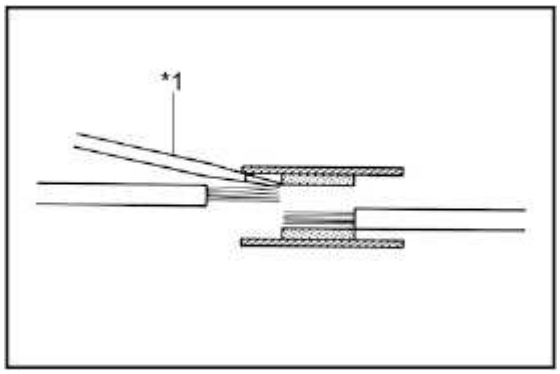
*1	Sleeve (Blue)
*a	Two Stripped Wires
*b	Pressure-Contact Section

Bad Example:



*1	Wire Bend
*a	Wire in Short Position

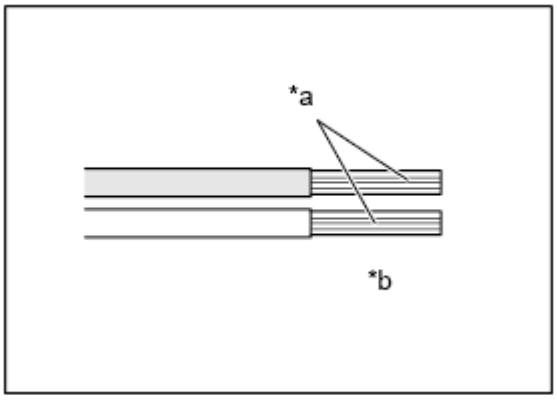
REFERENCE:
You might find it easier if you use a miniature special tool as a guide as you insert wires into the sleeve.



*1	Special Tool

b. When nominal size is less than 0.3.

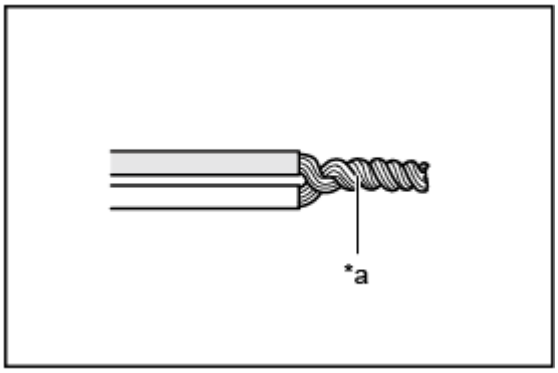
- Two stripped wire ends are arranged for the same as illustrated on the right.



*a	Two Stripped Wires
*b	It arranges it for the same

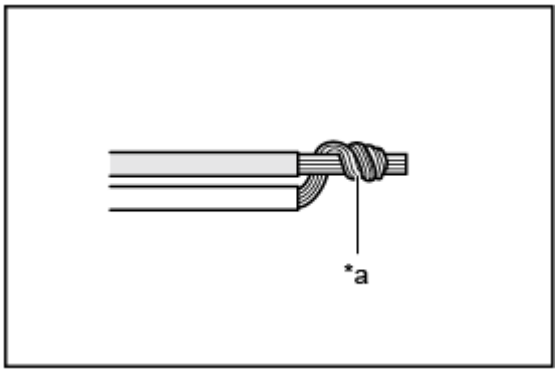
- Twist the two stripped wire ends together.

Good Example:



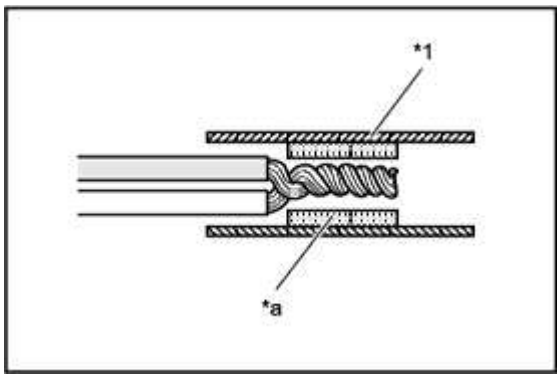
*a	Wires are Twisted uniformly together

Bad Example:



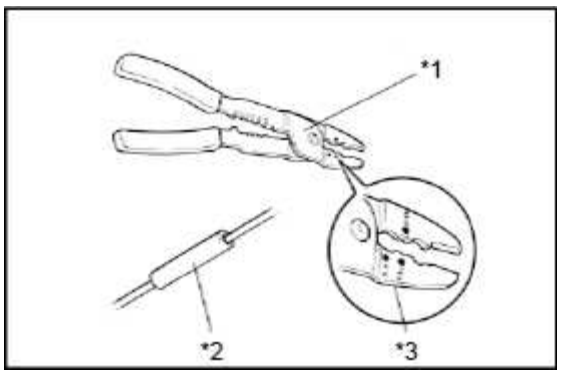
*a	The thin wire is twisted around the thick wire

- Insert the twisted wire ends into the sleeve.



*1	Sleeve (Red)
*a	Pressure-Contact Section

c. The crimp portion of the copper wire crimping tool has the color marks on it. Place the sleeve in the correct portion of the color mark that corresponds to the color of the sleeve.

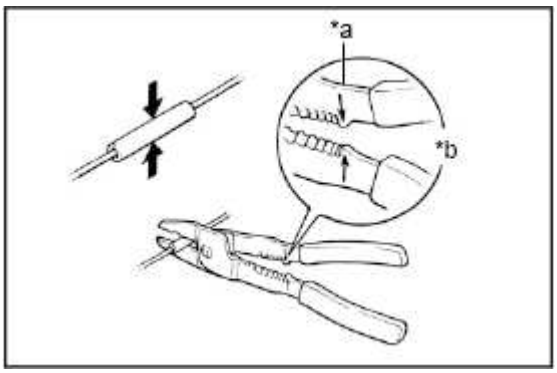


*1	Crimping Tool
*2	Sleeve
*3	Color Marks

d. With the center of the sleeve correctly placed between the crimping jaws, squeeze the crimping tool until either end comes into contact at the section marked by "CLOSE HERE".

REFERENCE:

Check to see that the sleeve and wires are still in the correct position before closing the crimping tool ends with steady pressure.

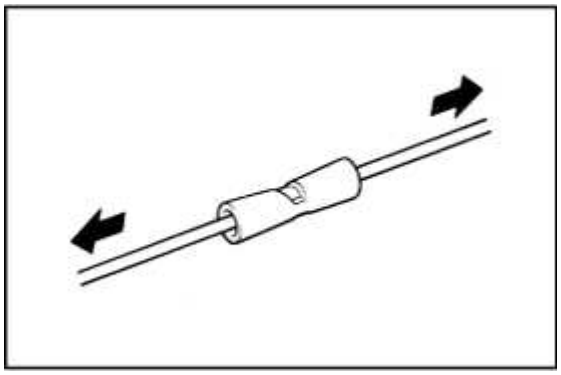


*a	CLOSE HERE
*b	Contact

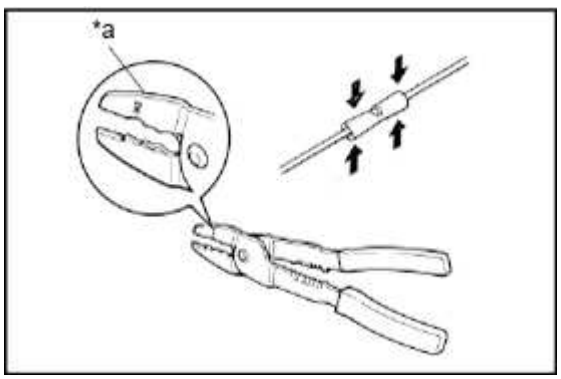
e. Pull the joined wires to either end. Make sure that they are joined firmly by the sleeve.

NOTICE:

If the connected wire(s) is pulled out from the crimped sleeve or crimping has failed, replace the sleeve with a new one and then crimp again.



f. Crimp both ends of the sleeve with the crimping tool at the "INS" position.

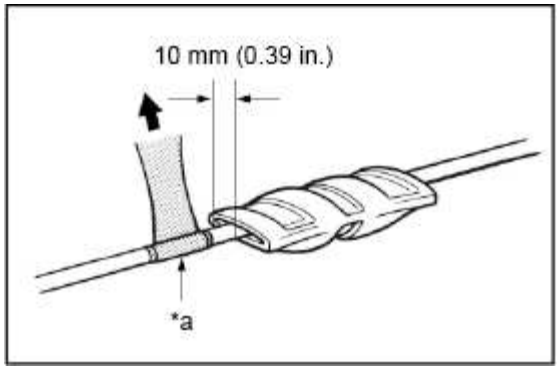


*a	"INS" position

6. Waterproof and insulate the joint area

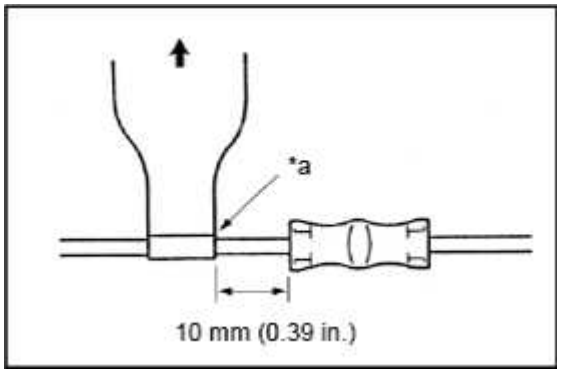
Wrap silicon tape around the joins to protect them from moisture.

REFERENCE:
This job is required in repairs of the engine compartment, under the floor and other moisture entry positions.



*a	Three or More Times

REFERENCE:
a. Before starting the operation, thoroughly wipe dirt and grease off the sections to be joined.
b. If the adhesive surfaces of two tapes come in contact they will stick together and will not come apart, so do not remove the backing film except when using the tape.
c. Do not let oil and dust, etc. get on the tape surface.



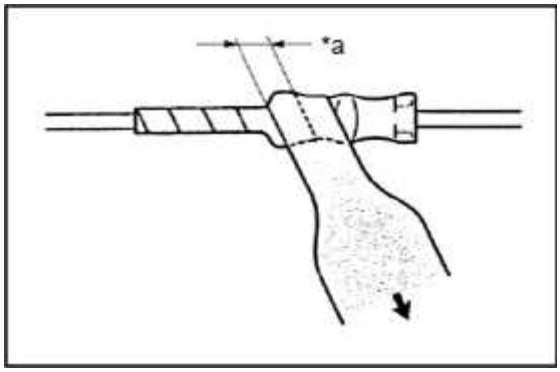
*a	Three or More Times

a. Ready about 100 mm (3.94 in.) of silicon tape (Part No. 08231-00045) and peel off the film.

b. Stretch the silicon tape until its width is reduced by half.

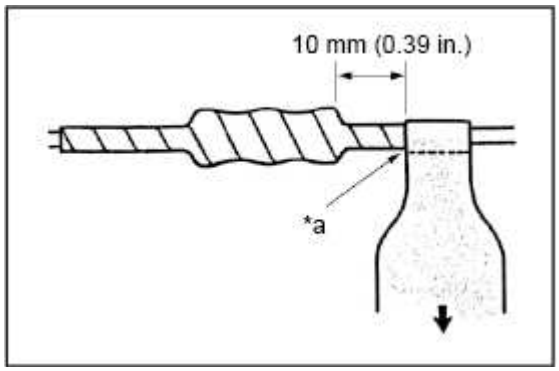
c. About 10 mm (0.39 in.) from the end of the sleeve, wrap the silicon tape around the sleeve three or more times while stretching the tape.

d. Wrap the remaining part of the sleeve with half of the tape overlapping at each turn.

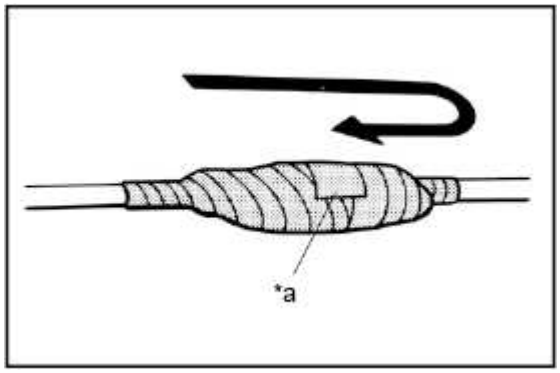


*a	Tape overlapping

e. Firmly wrap the tape two times or more about 10 mm (0.39 in.) from the other end of the sleeve, then wrap the tape back towards the start again and firmly finish winding the tape around the center of the sleeve.



*a	Two or More Times

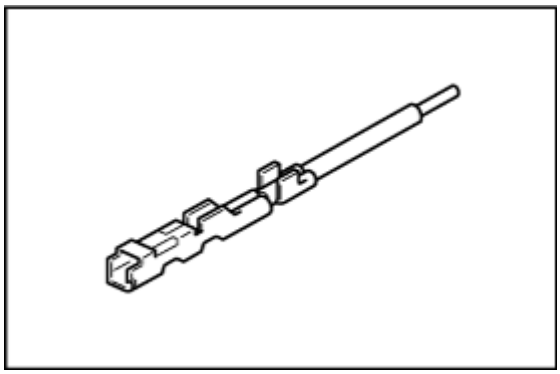


*a	Finish

Aluminum wires

1. Select the appropriate repair wire terminal

a. Select the correct replacement terminal with lead, from the supply parts.



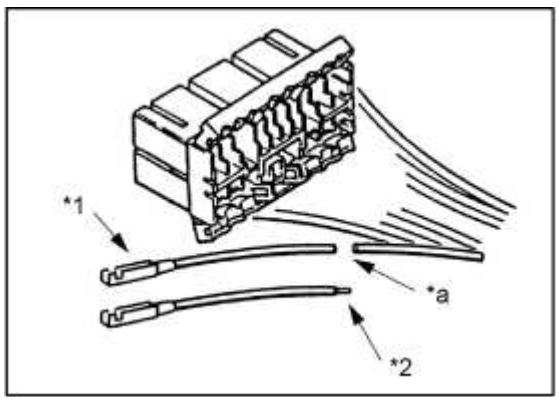
2. Replace the wire terminal.

a. Use the new wire lead as a guide for proper length.

REFERENCE:

If the length of wire removed is not approximately the same length as the new piece, the following problems may develop:

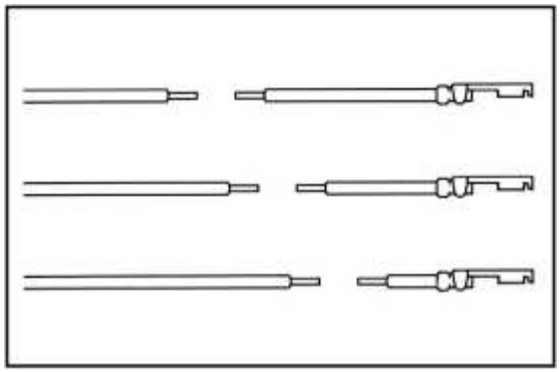
- Too short -- tension on the terminal, splice, or the connector, causing and open circuit.
- Too long -- excessive wire near the connector, may get pinched or abraded, causing a short circuit.



*1	Existing terminal
*2	Repair wires
*a	Cut

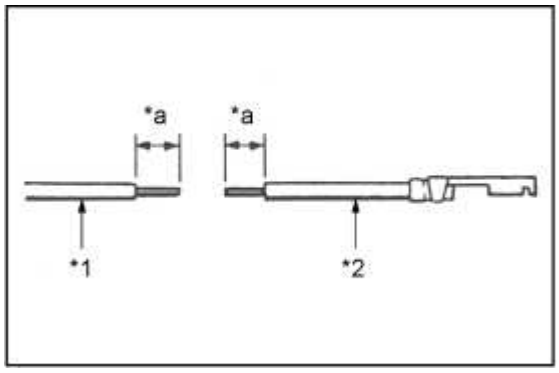
REFERENCE:

When connecting a wire harness at there or more spots to the same connector, cut the wire harness as shown on the right.



3. Remove the sheaths from the existing wire and the repair terminal wire.

a. Start stripping at least 8 mm to 11 mm away from the end of the existing harness at vehicle side and also from the end of the repair wire.

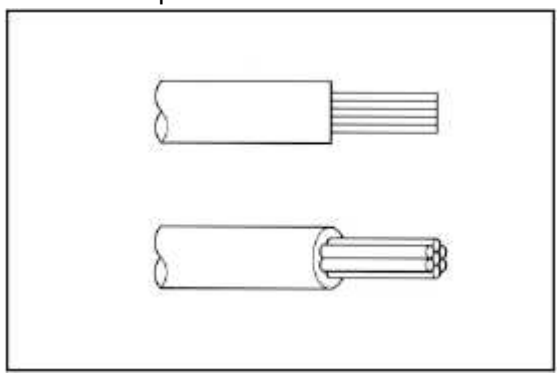


*1	Existing Harness
*2	Repair Wires
*a	8~11 (mm)

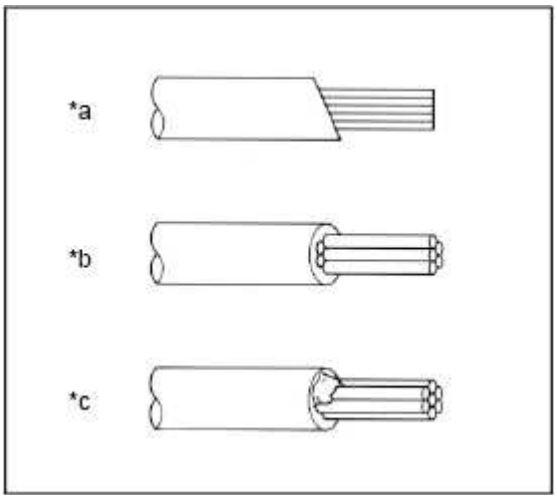
NOTICE:

Do not damage or cut the wire strand. After the sheath is removed, visually check the wire. If any damage is found, do the sheath removal again.

Good Example:



Bad Example:



*a	Wire insulation Stripped at a Slant
*b	Wire Lead is Cut
*c	Insulation Remains on the Lead

4. Select Correct Size of Sleeve from the Supply Parts.

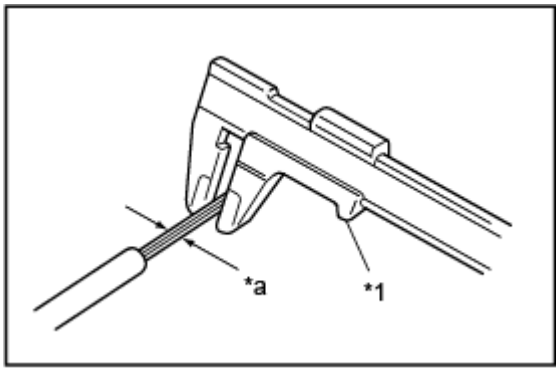
a. Using a caliper, measure the outer diameter of the wire or the diameter of the wire strand.

REFERENCE:

To calculate the "nominal size" of wire

Nominal size $= \frac{3.14 \times (\text{Diameter of wire lead})^2}{4}$

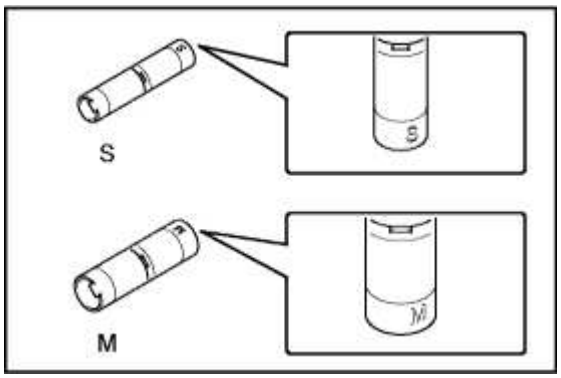
Nominal Size of Wire



*1	Calipers
*a	Wire Lead Diameter

b. Use the table to determine proper sleeve size

Sleeve size	Part number	Nominal wire size(mm^2)
S	82999-52010	0.5-1.0
M	82999-52020	1.25-2.5



5. Join the strands of the existing wire and new terminal wire

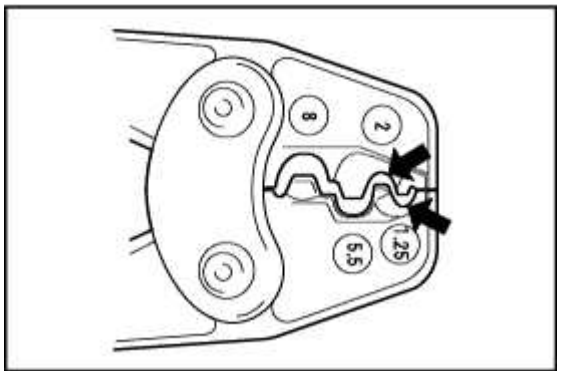
NOTICE:

If unauthorized work procedures, crimping tools or sleeves are used in aluminum wires repair, an improper wire connection may occur.

a. Using the table shown below, confirm the appropriate sleeve size and crimp size.

Sleeve size	Crimp size	Crimp mark
S	1.25	1
M	2	2

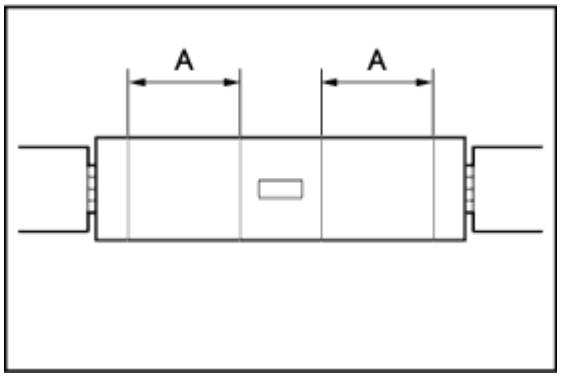
Part name	Part number
SST(Crimping tool)	09042-2C100



b. Squeeze the tool handles to disengage the ratchet.

c. Place the sleeve in the crimping area of the tool, and hold the tool handles to hold the sleeve.

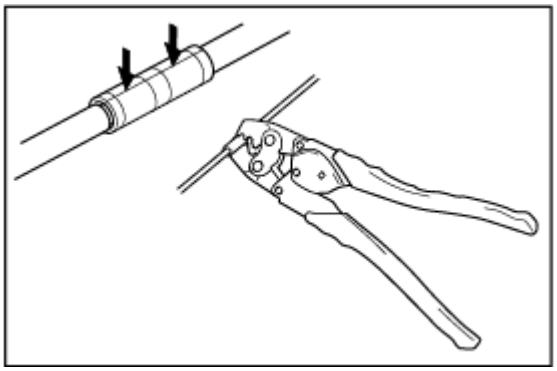
REFERENCE:
Hold the area A shown in the illustration.



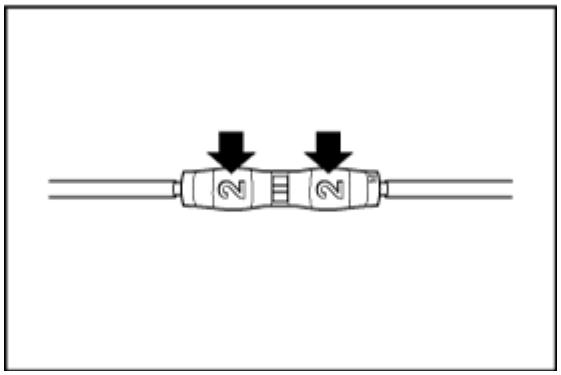
NOTICE:
Ensure that the protrusion of the tool's crimping portion will come into contact with the seam of the sleeve.

d. Insert the wire into the sleeve as far as it can go.

e. Squeeze the tool handles until the ratchet disengages again.



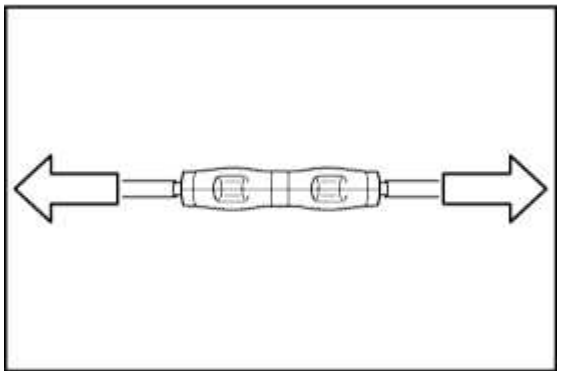
f. Check that the crimp mark is correct.



g. Pull the connected wires to check that they have been connected securely.

NOTICE:

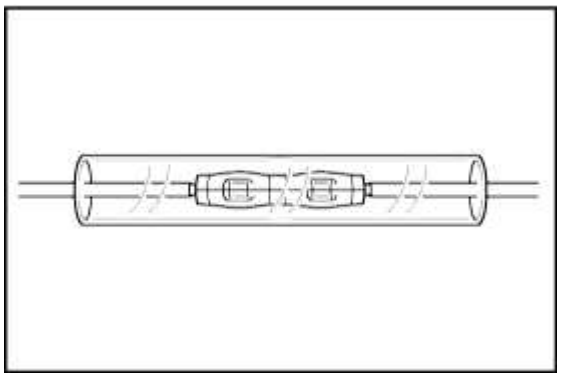
If the connected wire(s) is pulled out from the crimped sleeve or crimping has failed, replace the sleeve with a new one and then crimp again.



6. Waterproof and insulate the joint area

a. Cover the joints with heat shrink sleeves, and position the joints at the center of the sleeves.

Part name	Part number
Heat shrink sleeve	82999-30010

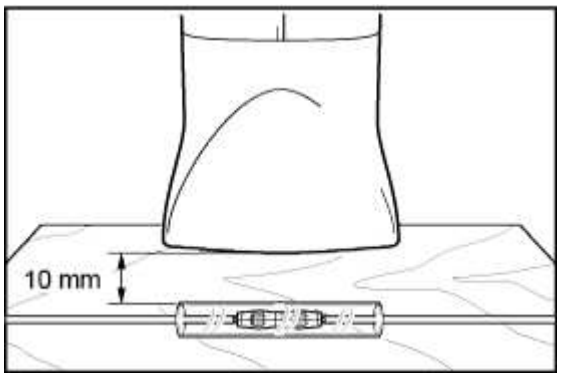


b. Using a dryer or heat gun, apply hot air to a heat shrink sleeve for about 10 seconds.

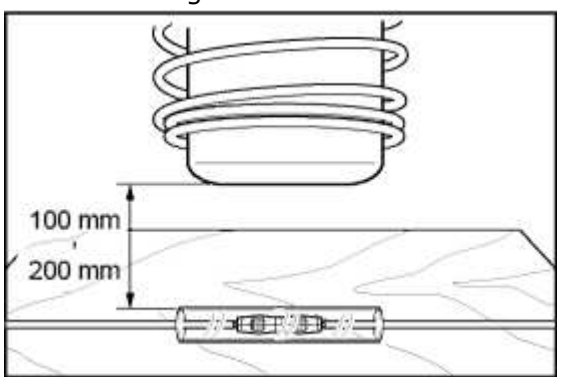
REFERENCE:

a. When a heat gun is used, keep it 100 to 200mm away from the shrink sleeve.
b. When a dryer is used, keep it about 10mm away from the shrink sleeve.

When a drier is used

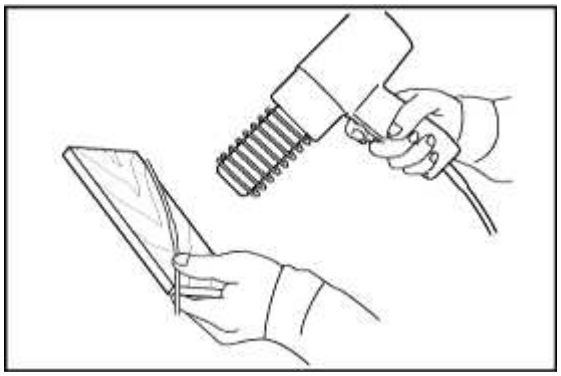


When a heat gun is used

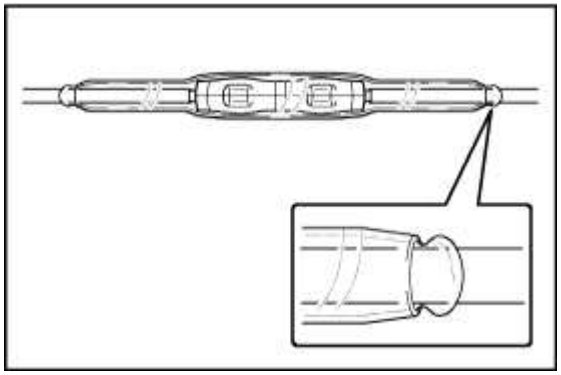


NOTICE:

- Use a wood plate to prevent hot air from being applied to other wires.
- Be careful when using a dryer or heat gun. Otherwise burn injuries may result.



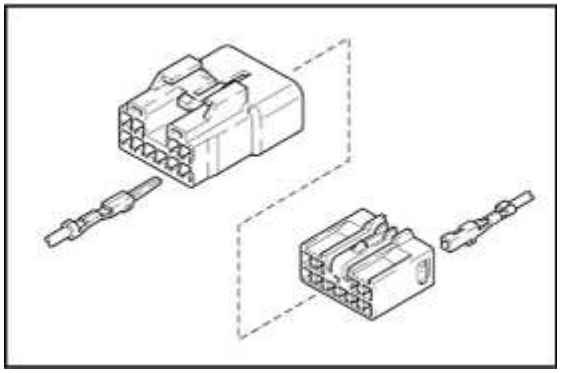
c. Turn off the dryer or heat gun, and check if a resin substance has come out of the gap between the shrink sleeve and wire at each sleeve end. Repeat step (b) described above until resin substances come out.



Step 4. Install the terminal into the connector.

HINT:

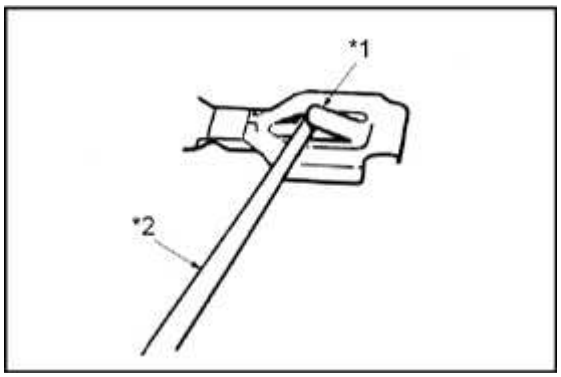
a. Make sure the terminal is positioned correctly.
b. Insert the terminal until the locking clip locks firmly.
c. Insert the terminal with terminal retainer in the temporary lock position, if equipped.



NOTE:

If reusing a terminal, check that the locking clip is still in good condition and in the proper position.

- If it is on the terminal and not in the proper position, use the special tool to gently bend the locking clip back to the original shape.
- Check that the other parts of the terminal are in their original shape.

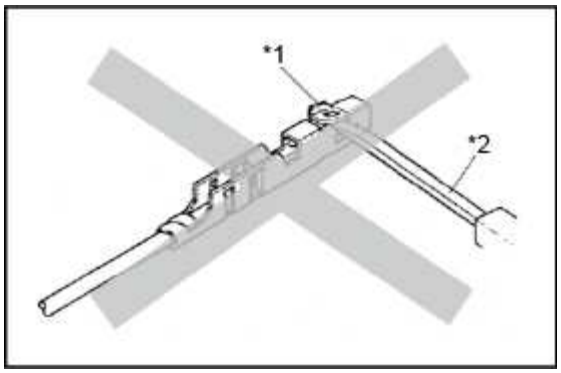


*1	Locking clip
*2	Special Tool

NOTICE:

Insulation Displacement Connector

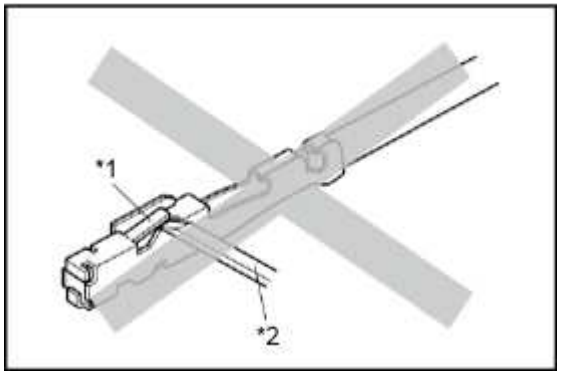
Do not readjust or reuse the terminal lance of the insulation displacement connector type terminal. Always change the wire with the repair wire.



*1	Terminal Lance
*2	Special Tool

NOTICE:
As for 0.64 type terminal, do not adjust the terminal lance with the special tool.

0.64 Type



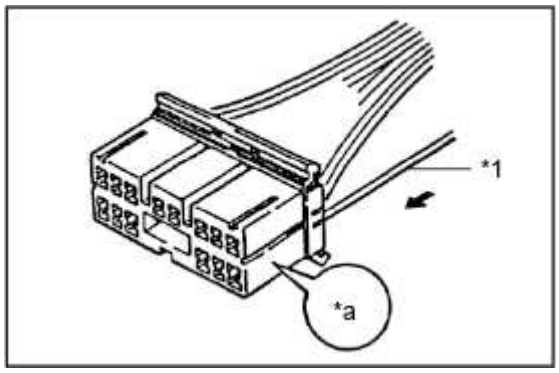
*1	Terminal Lance
*2	Special Tool

Splash Proof Type Connector

NOTICE:
- Removal of the terminal from housing cavity will cause damage to rubber plug material (the wire seal), deteriorating waterproofing performance. Be sure to replace the housing with a new one.
- Check the withdrawn terminal for the following if trying to use it again.
  - It is free of deformation and damage
  - It is free of adherents such as rubber plug material (wire seal)
  - Replace any deformed terminal.

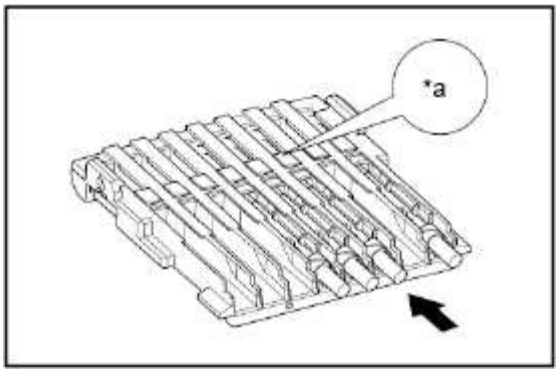
1. Push the Terminal into the Connector until you hear a "click".

NOTE:
Not all terminals will give and audible "click".



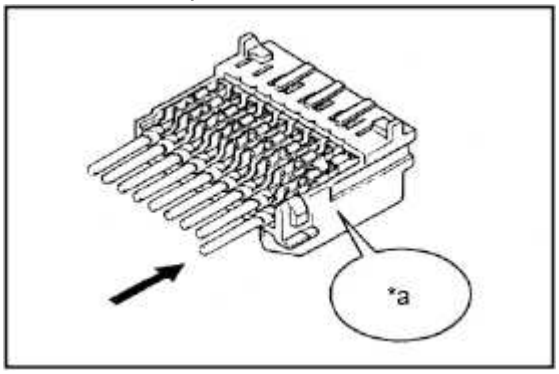
*1	Wire
*a	"Click"

0.64 IDC Type



*a	"Click"

Insulation Displacement Connector

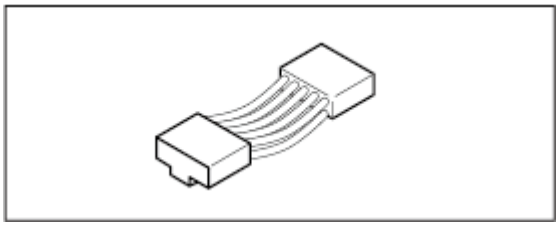


*a	"Click"

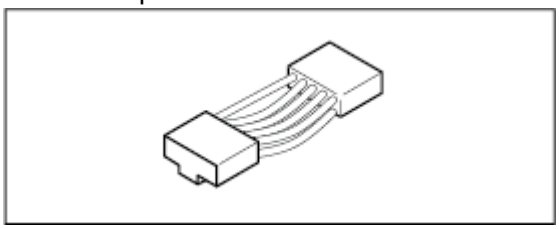
NOTICE:

- After repairing, never let only one harness stretch.
- In case that it becomes short, do over again using the repair wire.

Good Example:



Bad Example:



2. Double Locking Type Connector (with terminal retainer or double locking device)

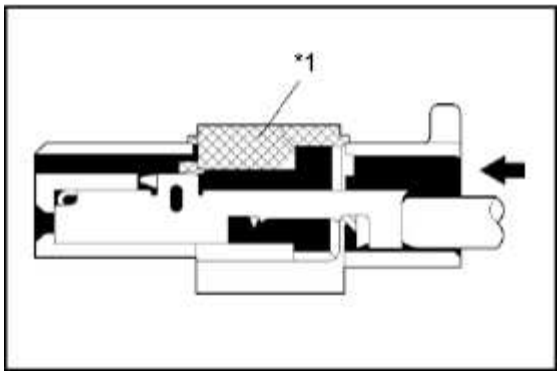
The connector is fitted with a terminal retainer, or a double locking device, it is in the temporary lock position at insert the terminal.

Type A (For 0.64III, 1.0, 1.0II, 1.3, 1.8, 2.3II 4.8 and 8.0 of Non-Waterproof Type Connector)

a. Insert the terminal.

HINT:

a. Make sure the terminal is positioned correctly.
b. Insert the terminal with terminal retainer in the temporary lock position.



*1	Terminal Retainer

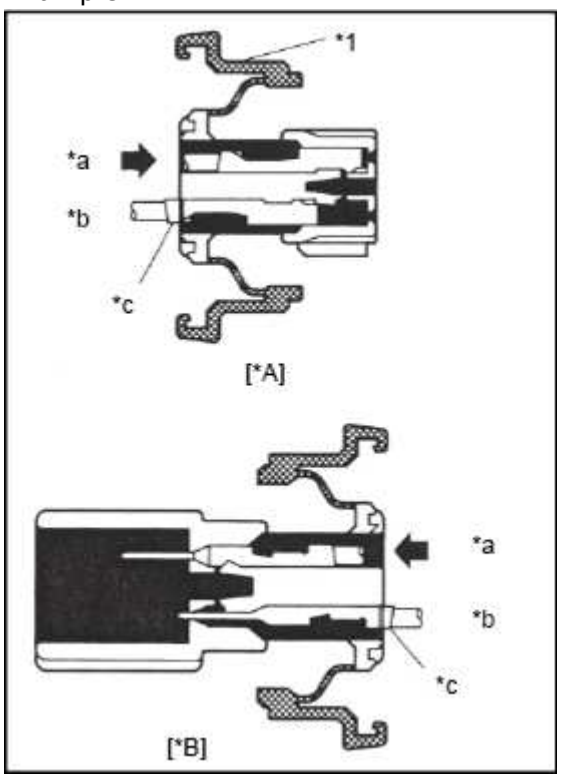
b. Insert the terminal until the locking clip locks firmly.

HINT:

a. Pull the terminal back gently to check whether it is locked correctly.
b. If it cannot be inserted easily, check the terminal and the connector for damage.

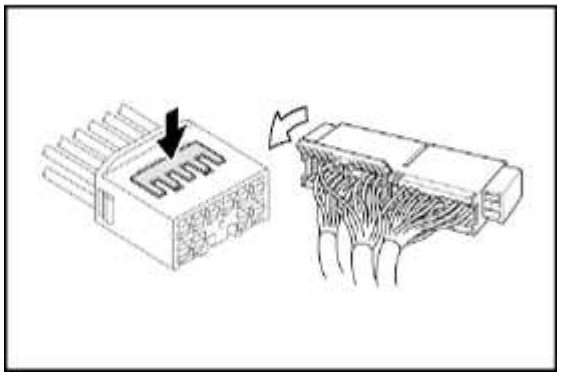
NOTE:
If the terminal to locking clip does not lock firmly, the double locking device cannot lock or terminal retainer does not lock at full lock position so the terminal backs out from connector.

Example:

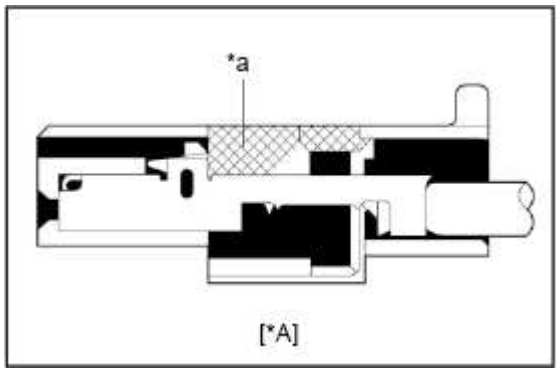


*A	Female
*B	Male
*1	Double Locking Device
*a	Good
*b	Bad
*c	Terminal in Short Position

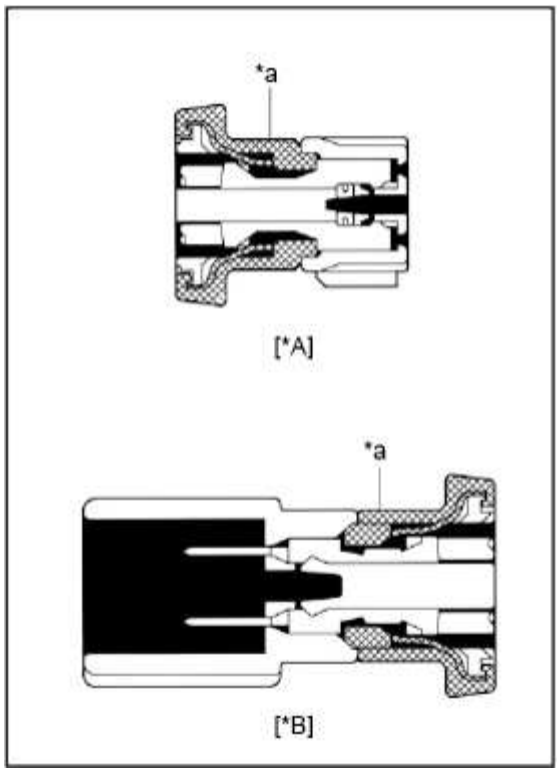
c. Close terminal retainer or double locking device.
The connector is fitted with a terminal retainer, or a double locking device, return it to the full lock position.



➡	Push
⇨	Close



*A	Female
*a	Full Lock Position



*A	Female
*B	Male
*a	Full Lock Position

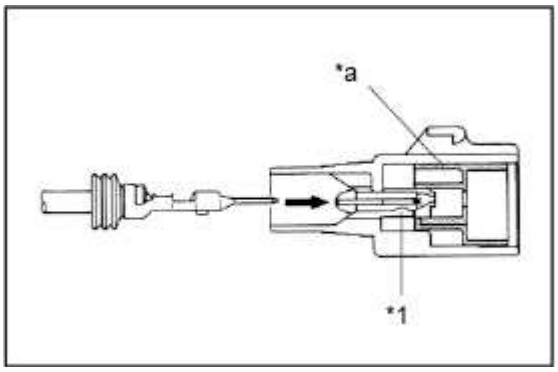
Type B (For 0.64, 1.8, 2.3, 2.3II, 4.8, 6.3 and 8.0 of Waterproof Type)

(For Male Connector)

a. Insert the terminal.

HINT:

a. Make sure the terminal is positioned correctly.
b. Insert the terminal with terminal retainer in the temporary lock position.

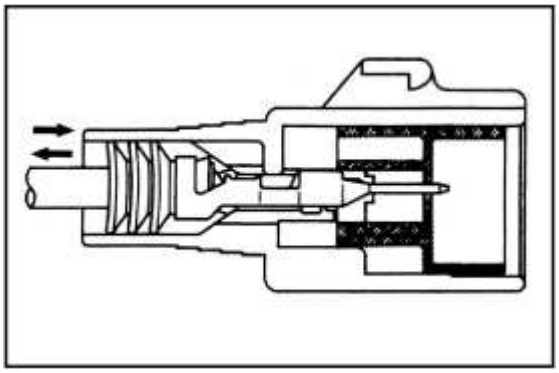


*1	Terminal Locking Clip
*a	Terminal Retainer at Temporary Lock Position

b. Insert the terminal until the locking clip locks firmly.

HINT:

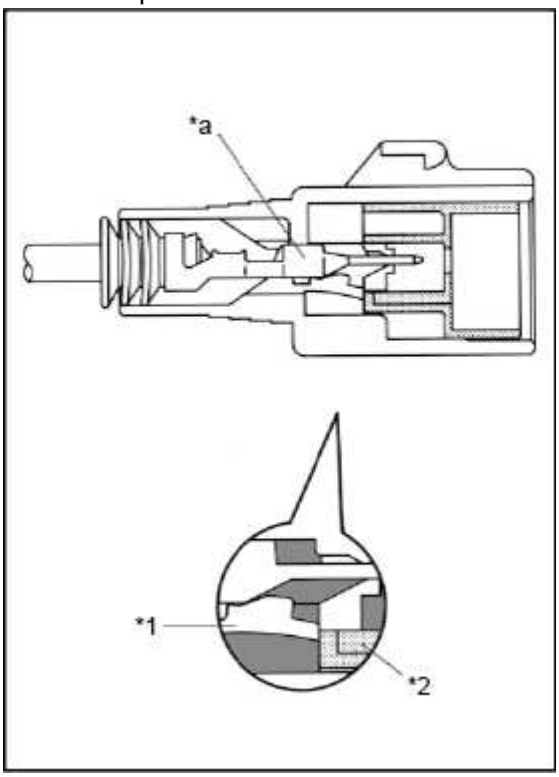
a. Pull the terminal back gently to check whether it is locked correctly.
b. If it cannot be inserted easily, check the terminal and the connector for damage.



NOTE:

If the terminal to locking clip does not lock firmly, the double locking device cannot lock or terminal retainer does not lock at full lock position so the terminal backs out from connector.

Bad Example:

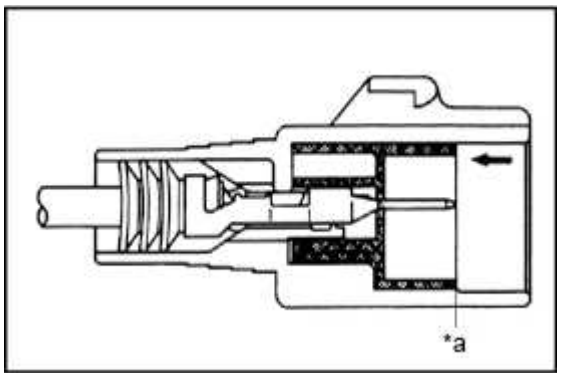


*1	Terminal Locking Clip
*2	Terminal Retainer
*a	Terminal in Short Position

c. "For Case 1"

[Case 1]

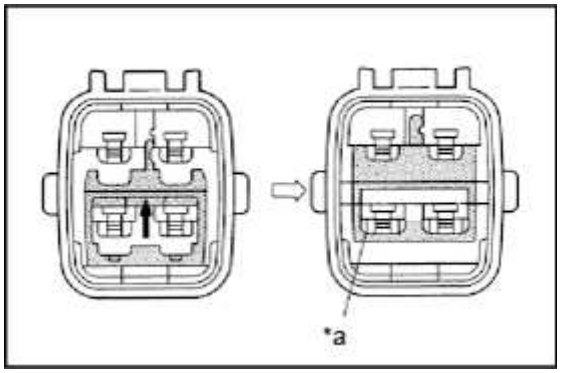
Push the terminal retainer in to the full lock position.



*a	Full Lock Position

"For Case 2"
Raise the terminal retainer up to the full lock position.

[Case 2]



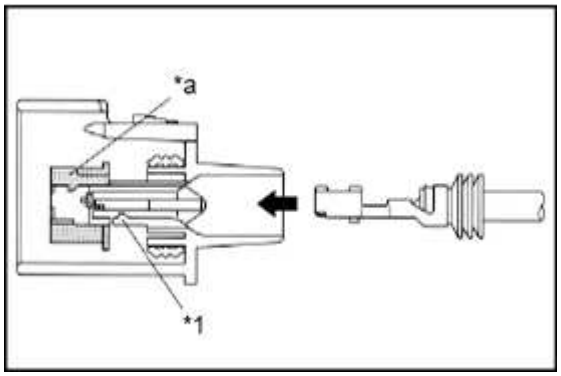
*a	Full Lock Position

(For Female Connector)

a. Insert the terminal.

HINT:

a. Make sure the terminal is positioned correctly.
b. Insert the terminal with terminal retainer in the temporary lock position.

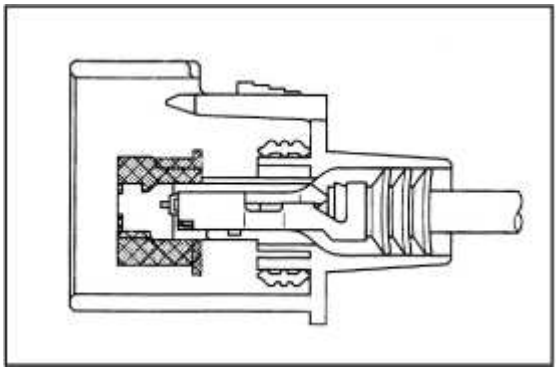


*1	Terminal Locking Clip
*a	Terminal Retainer at Temporary Lock Position

b. Insert the terminal until the locking clip locks firmly.

HINT:

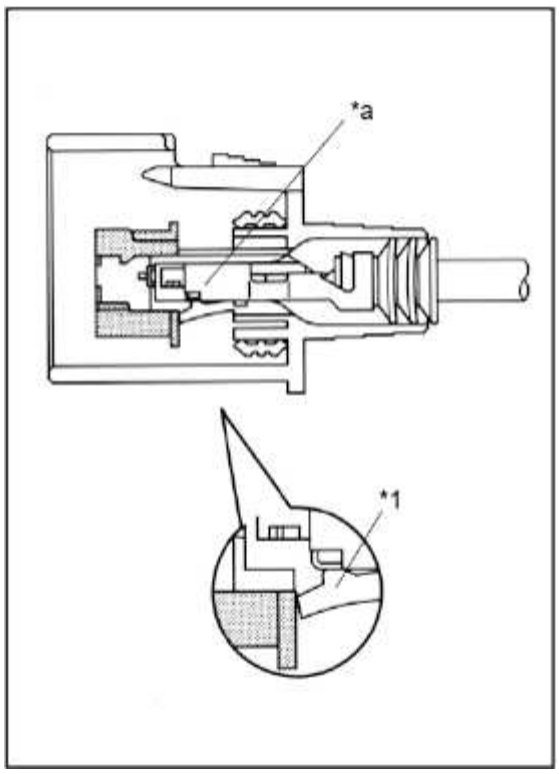
a. Pull the terminal back gently to check whether it is locked correctly.
b. If it cannot be inserted easily, check the terminal and the connector for damage.



NOTE:

Bad Example:

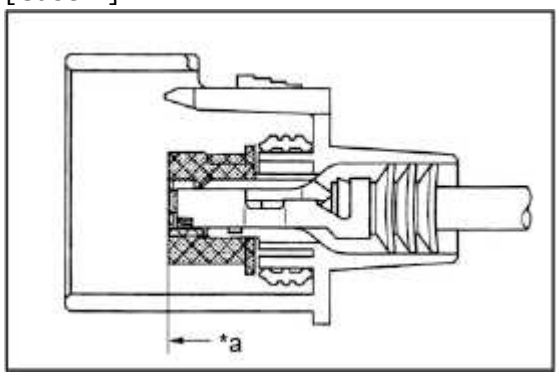
If the terminal to locking clip does not lock firmly, terminal retainer can not lock at full lock position so the terminal backs out from connector.



*1	Terminal Locking Clip
*a	Terminal in Short Position

c. "For Case 1"
Push the terminal retainer in to the full lock position.

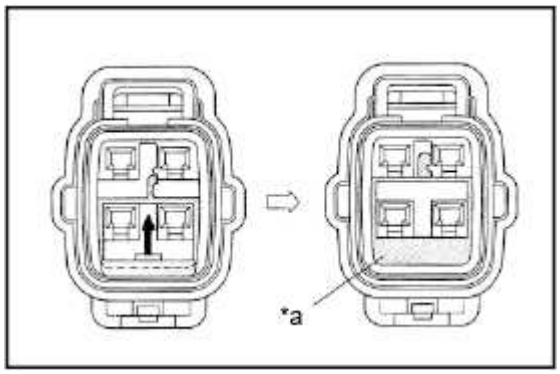
[Case 1]



*a	Full Lock Position

"For Case 2"
Raise the terminal retainer up to the full lock position.

[Case 2]



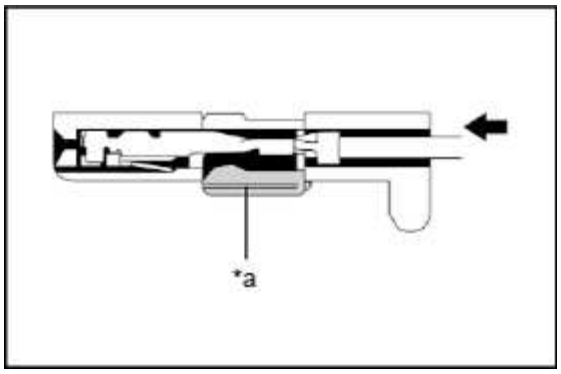
*a	Full Lock Position

Type C (For 0.64 Type Connector)

a. Insert the terminal.

HINT:

a. Make sure the terminal is positioned correctly.
b. Insert the terminal with terminal retainer in the temporary lock position.



*a	Temporary Lock Position

b. Insert the terminal until the terminal lance locks firmly.

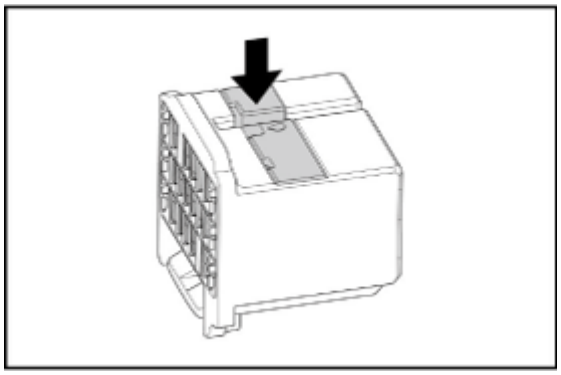
HINT:

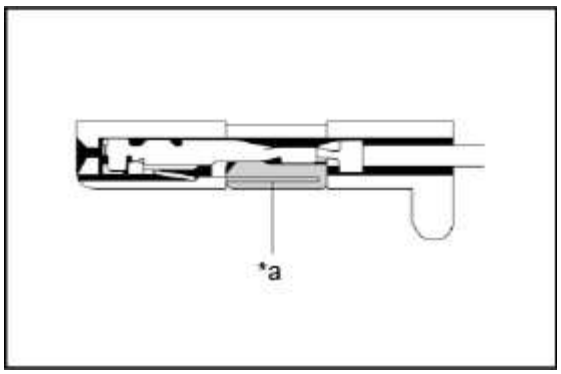
a. Pull the terminal back gently to check whether it is locked correctly.
b. If it cannot be inserted easily, check the terminal and the connector for damage.

NOTE:

If the terminal to terminal lance does not lock firmly, the double locking device cannot lock or terminal retainer does not lock at full lock position so the terminal backs out from connector.

c. Close terminal retainer.
The connector is fitted with a terminal retainer, return it to the full lock position.

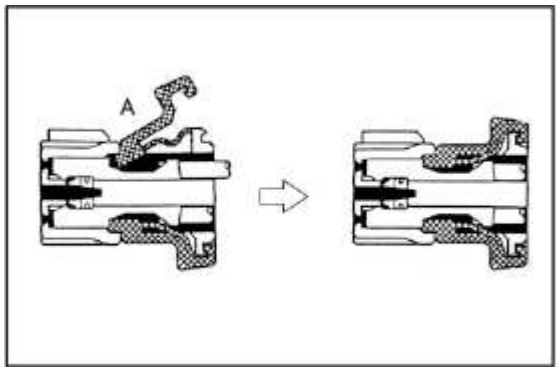




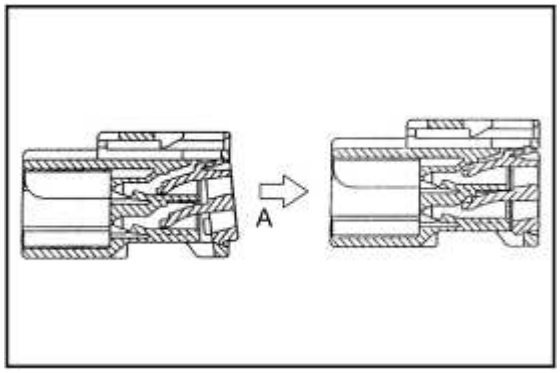
*a	Full Lock Position

SPECIAL EXAMPL

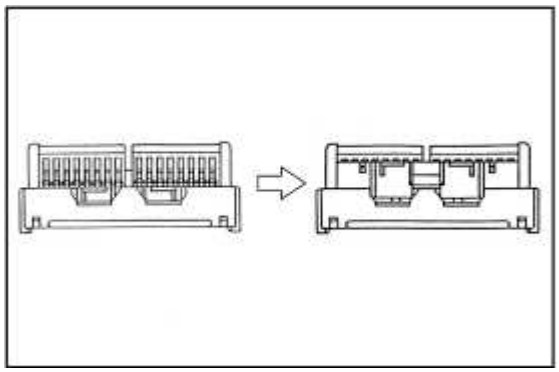
a. First fit the section A.



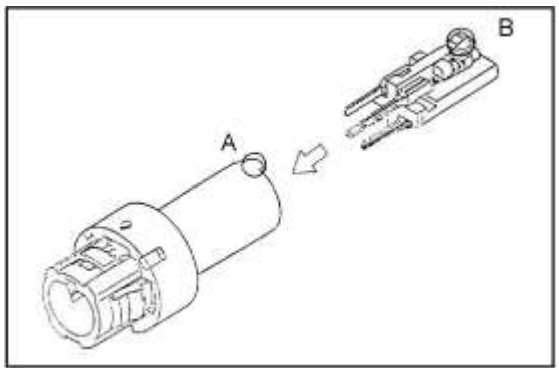
b. Install the lock of the section A first.



c. Install the lock of the retainer and pull the white cover until you hear a click sound.



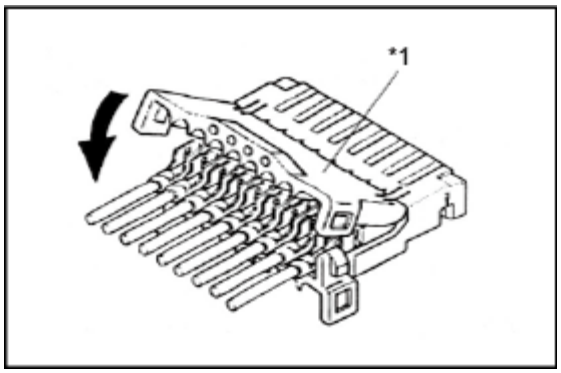
d. Install the convex part (A) of the outer part correctly to the section B of the inner part.



Insulation Displacement Connector

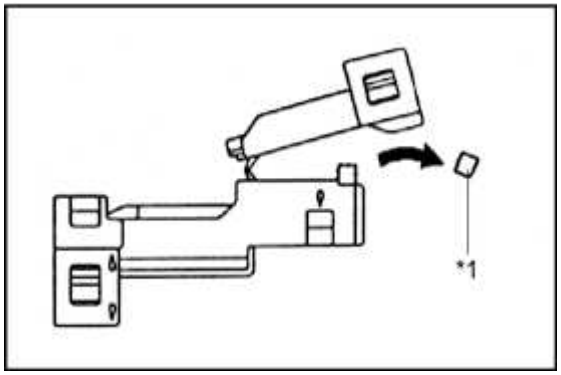
w/ Cover : CLOSE COVER

NOTICE:
Securely lock it



*1	Cover

HINT:
When replacing it to a new connector, cut off the fixing band without leaving it.

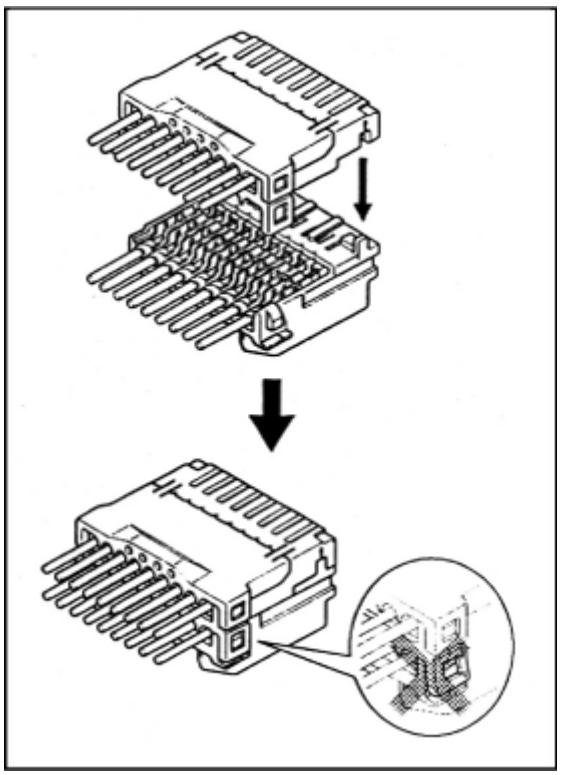


*1	Fix Band

UNITE CONNECTOR

Make the projection of the front lock of the upper housing meet the ditch of the front lock of the lower housing and fix the rear lock.

NOTICE:
- After uniting, securely lock it for not leaving the rear lock arm deformed.
- Make sure that the terminals will not become loose by pulling the wires lightly.

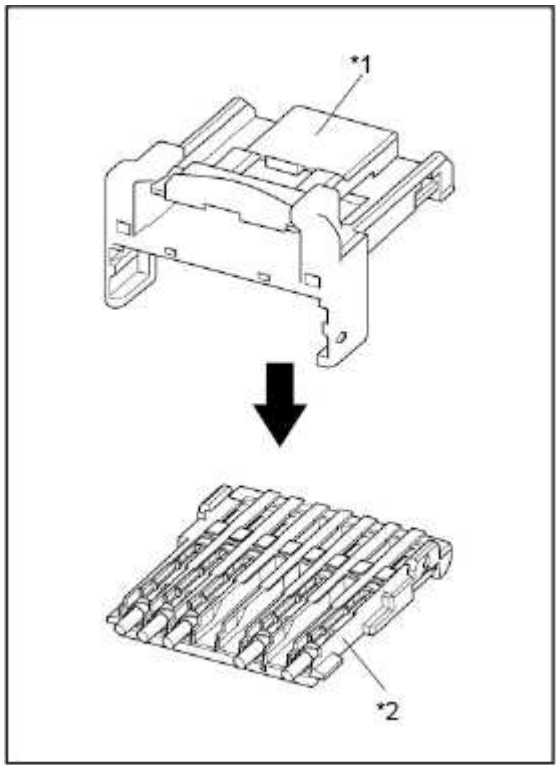


Insulation Displacement Connector (0.64 Type)

a. Install the upper housing to the lock housing.

NOTICE:

- Securely Lock it.
- Be careful not to mistake the upper housing and lower housing when putting together.

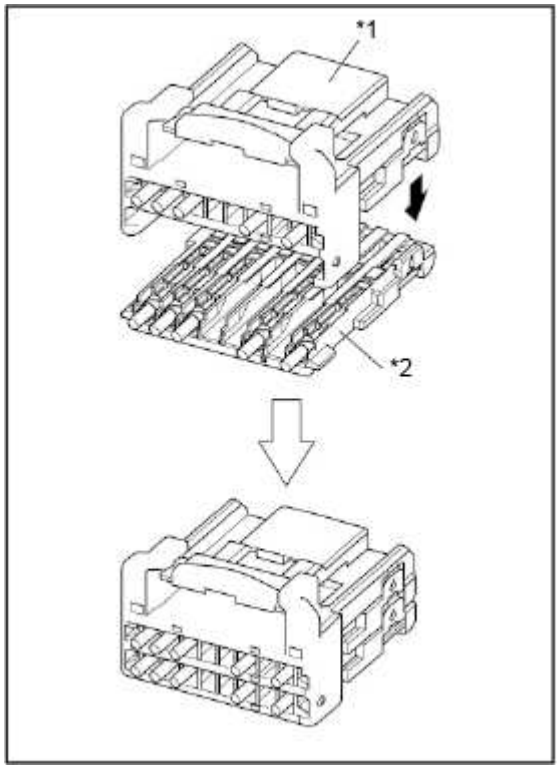


*1	Lock Housing
*2	Upper Housign

b. Make the projection of the front lock of the upper housing attached lock housing meet tthe ditch of the front lock of the lower housing and fix the rear lock.

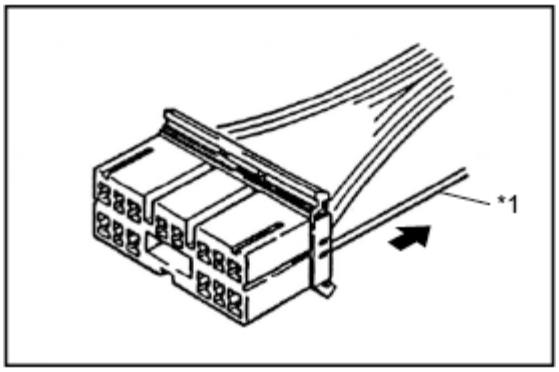
NOTICE:

- Afteruniting, securely lock it for not leaving the rear lock arm deformed.
- Make sure that the terminals will not become loose by pulling the wires lightily.
- Be careful not to mistake the upper housing and lower housing when putting together.



*1	Upper Housing Attached Lock Housing
*2	Lower Housing

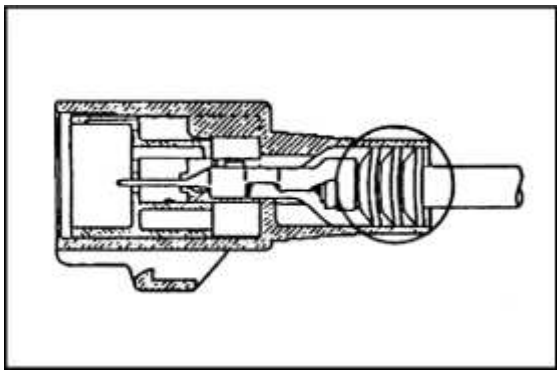
3. When properly installed, pulling gently on the wire lead will prove the terminal is locked in the connector.



➡	Pull Up
*1	Wire

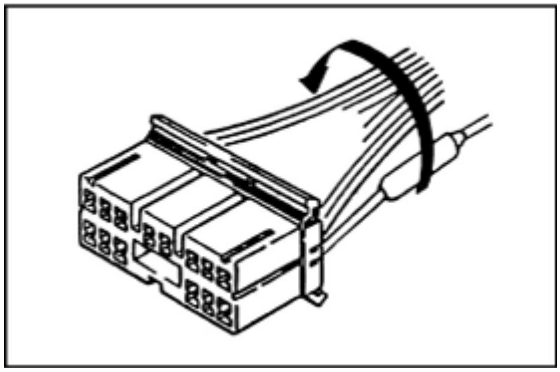
NOTICE:

If you working on the waterproof type, make sure that a rubber plug or a terminal gasket is inserted into the housing securely.



4. Secure the Repaired Wire to the Harness

If the wire is not in the conduit, or secured by other means, wrap vinyl tape around the bundle to keep it together with the other wires.

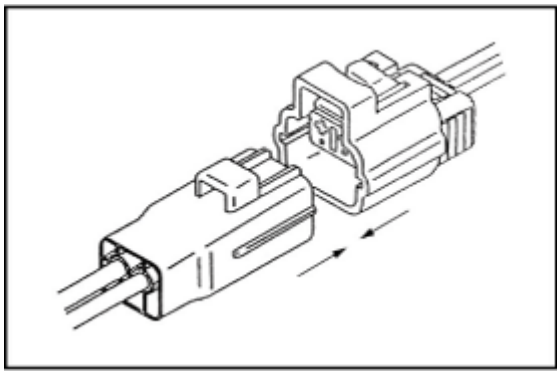


5. Connect Connector

Fit the male connector to the female terminal.

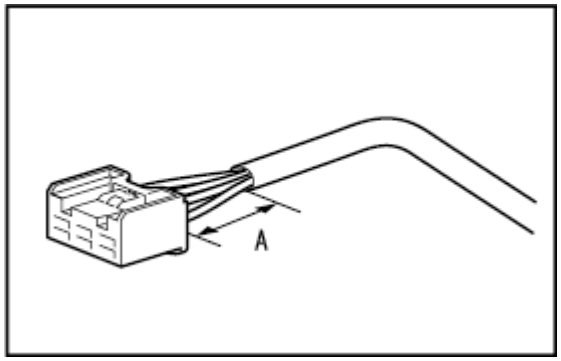
NOTICE:

- Do not twist the connector when fitting.
- Insert it until fully locked.



Extra. Special handling for the wires that are protected with CFWs.

1. When a terminal or multiple terminals are replaced:



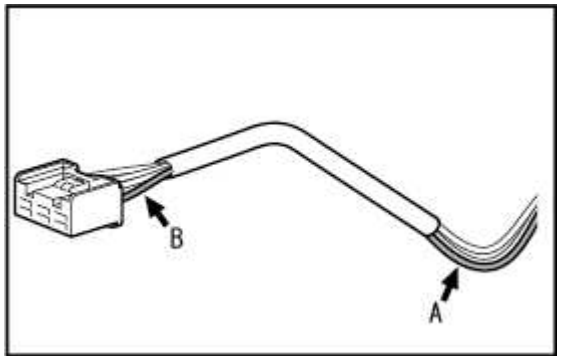
If wires are protected with CFWs and the extra wire length shown in the illustration is shorter than 18 mm (A), use the following procedure for proper repair.

NOTICE:

The procedures instructed below are supplements to the original terminal replacement procedure. To replace terminals, refer to the original procedure from steps 1 to 4 as well.

a. Cut the applicable wire(s) at somewhere around A.

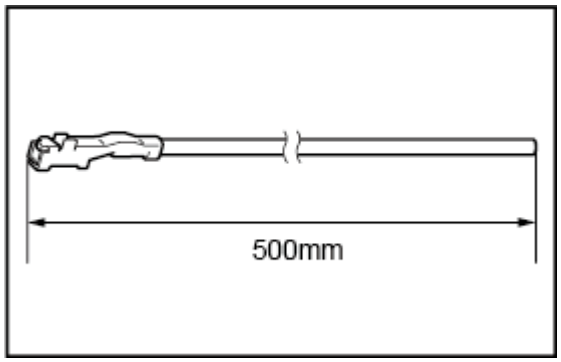
b. Cut the applicable wire(s) at somewhere around B, and then remove the terminal(s) from the connector housing.



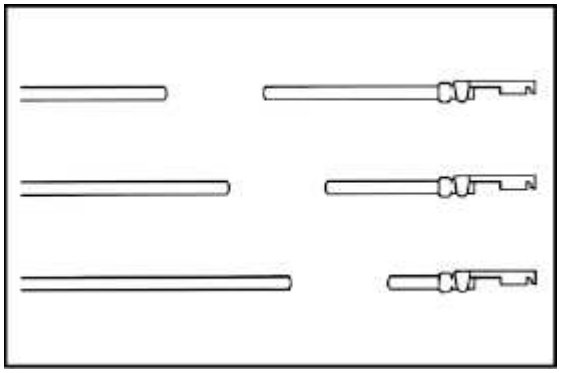
HINT:

Do not remove the cut wires from the CFW so as to prevent other wires from being damaged.

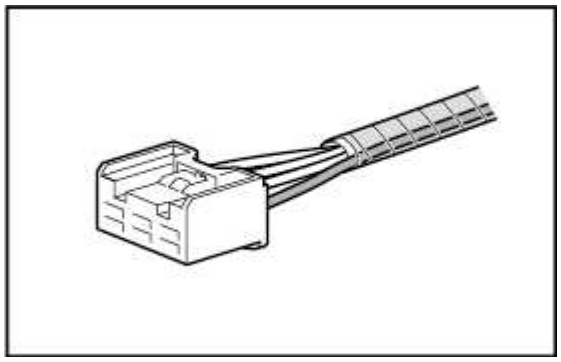
c. Prepare for new repair wire(s) with length of 500 mm.



d. If multiple terminals need to be replaced, change the cut points of the new wires as shown in the illustration.



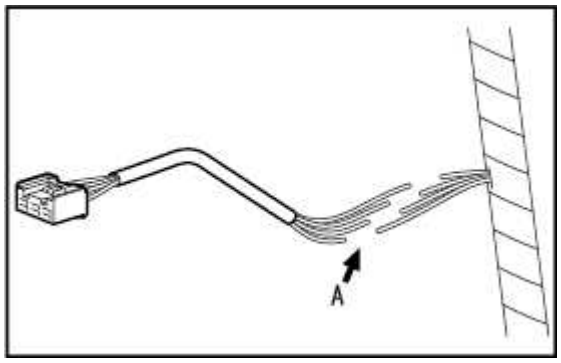
e. After the terminal(s) is replaced, bind the wire(s) of the terminal(s) to the CFW protector(s) by wrapping silicon tape around them.



2. When all the terminals need to be replaced, or if CFWs protectors have been broken:

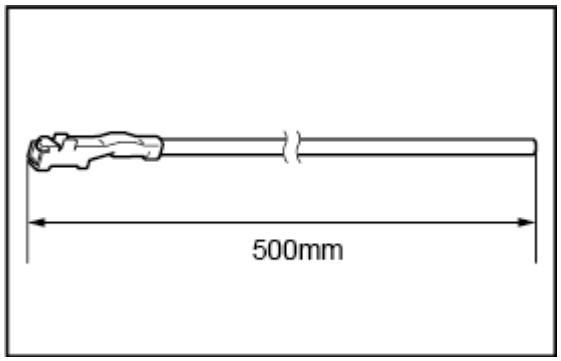
NOTICE:

The procedures instructed below are supplements to the original terminal replacement procedure. To replace terminals, refer to the original procedure from steps 1 to 4 as well.

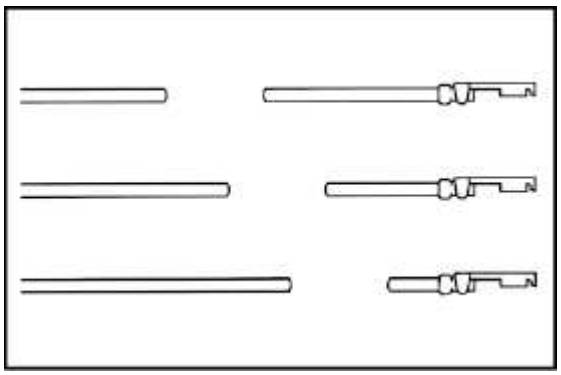


a. Cut all the wires at somewhere around A, and remove all the terminals from the connector housing.

b. Prepare for new repair wires with length of 500 mm.

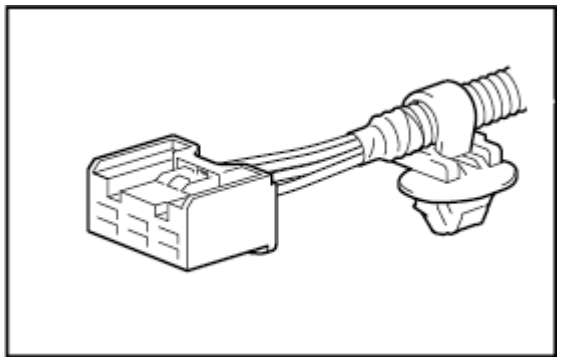


c. Change the cut points of the new wires as shown in the illustration.



d. After all the terminals are inserted into the connector housing, wrap a convoluted tube or similar, instead of CFWs, around the wires to bind them together.

e. If wire harness clamps had been used, install new clamps onto the convoluted tube.



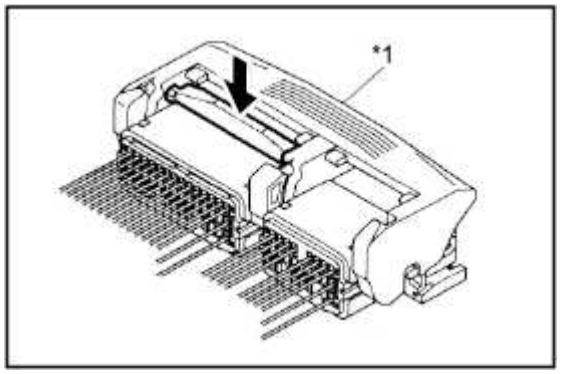
HOW TO INSTALL AND REMOVE SPECIAL CONNECTORS Low Fit and Lever Type Connector

[Case 1]

1. Cut the connection of the connector

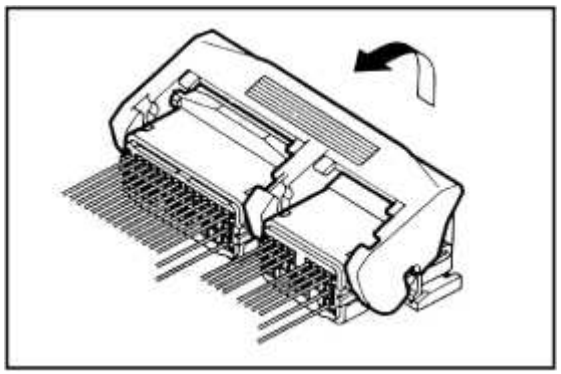
a. Push the place indicated by the arrow.

b. The lock is released and lever is lifted up.



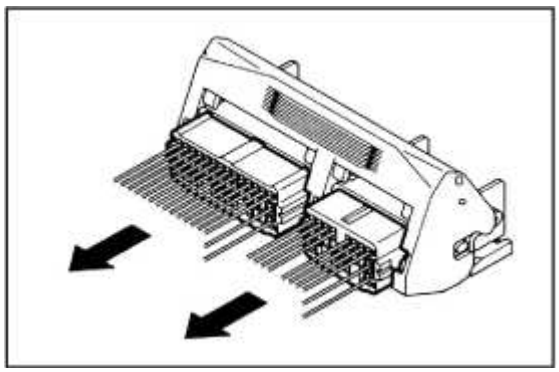
*1	Lever

c. Lift the lever up until it stops.



d. Cut the connection of the connector.

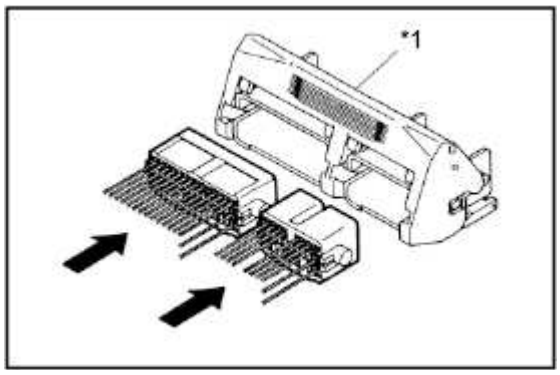
NOTICE:
Do not hold the wire harness to pull it.



2. Connect the connector

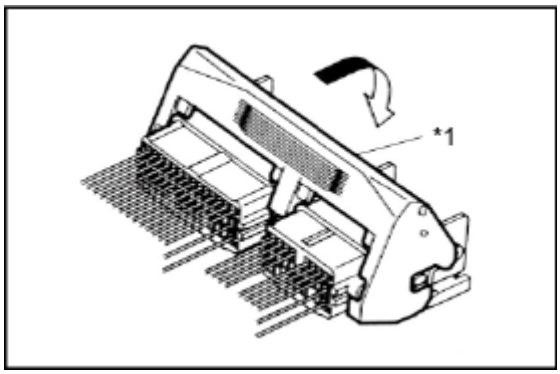
a. Connect the connector in the condition that the lever is fully lifted up.

HINT:
If the lever is locked at the lower position, follow the procedure [Case 1]. (1) to (3) and lift the lever up fully.



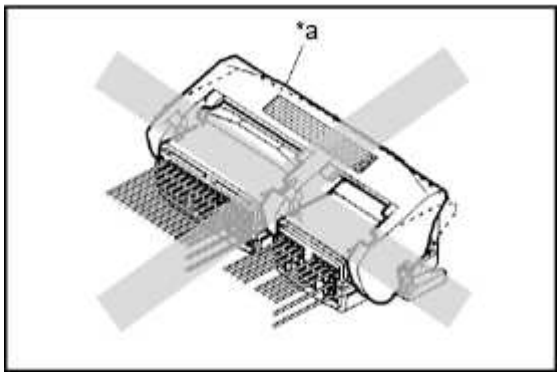
*1	Lever

b. Hold the connector to prevent it from slip off and push it down until you hear a click to lock it.



*1	Lever

c. Confirm that the lever is securely locked.



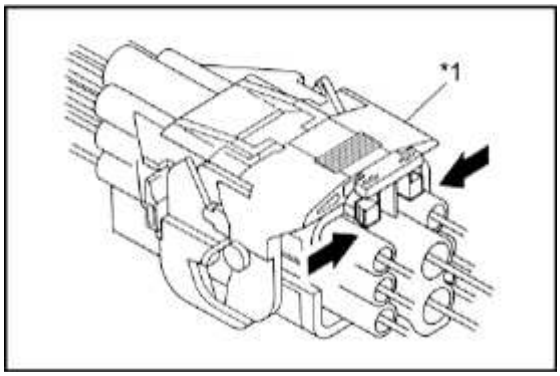
*a	Lever is not locked

[Case 2]

1. Cut the connection of the connector

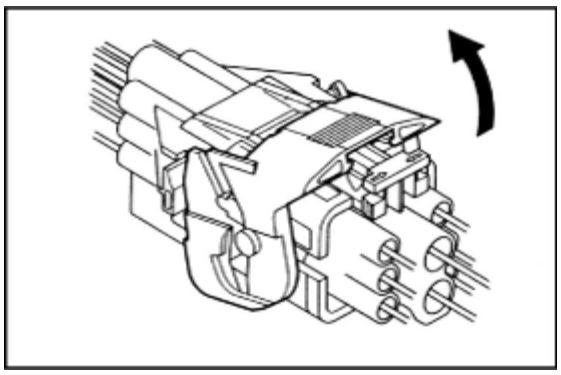
a. Hold the area indicated by the arrow in the illustration

b. The lock is released and the lever is lifted up.



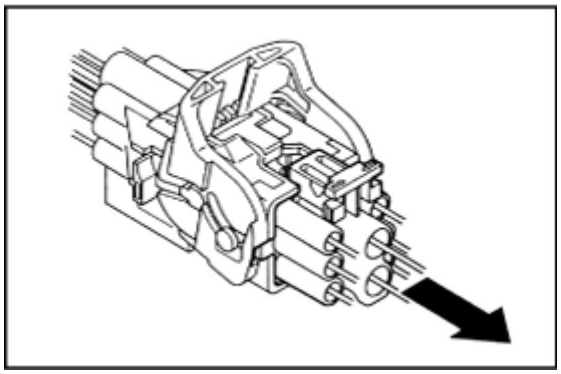
*1	Lever

c. Lift the lever up fully.



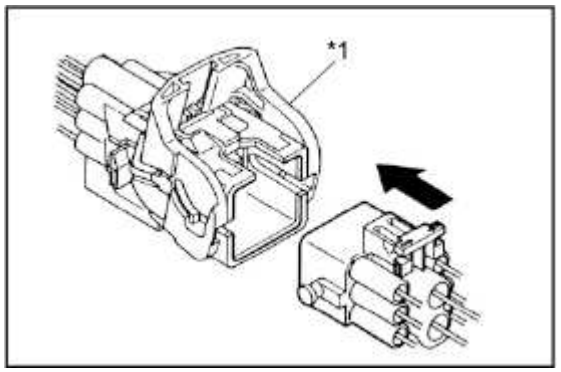
d. Cut the connection of the connector.

NOTICE:
Do not hold the wire harness to pull it.



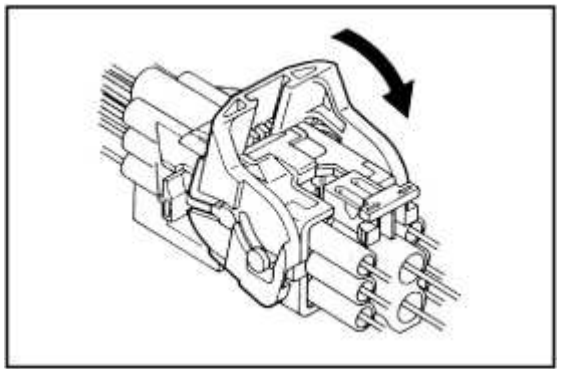
2. Connect the connector

a. Connect the connector in the condition that the lever is fully lifted up.

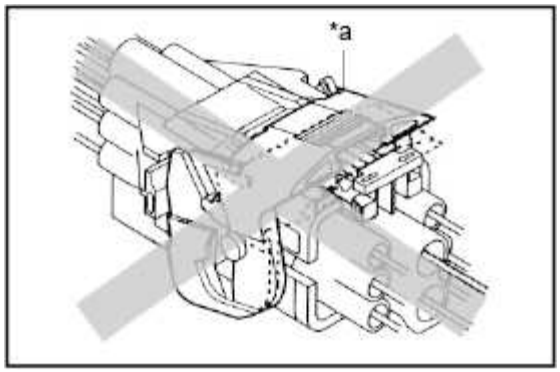


*1	Lever

b. Hold the connector to prevent it from slip off and push it down until you hear a click to lock it.



c. Confirm that the lever is securely locked.



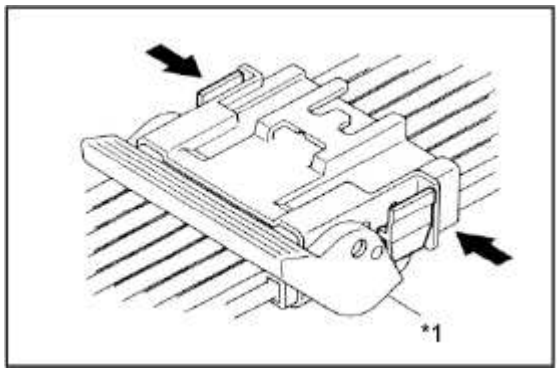
*a	Lever is not locked

[Case 3]

1. Cut the connection of the connector

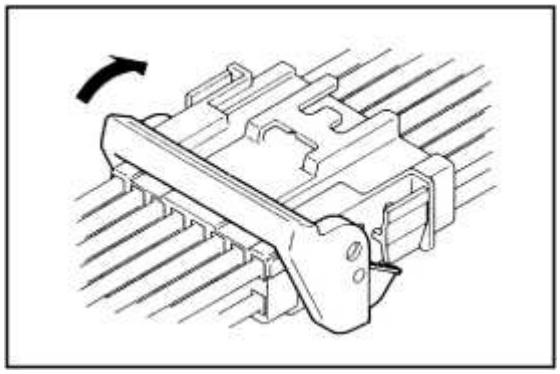
a. Pick the part indicated in the illustration by fingers.

b. The lock is released and the lever is lifted up.



*1	Lever

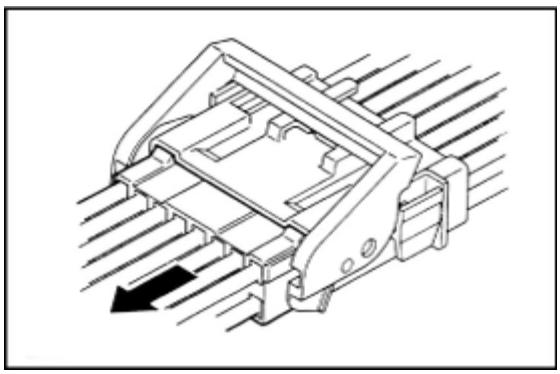
c. Lift the lever up fully.



d. Cut the connection of the connector.

NOTICE:

Do not hold the wire harness to pull it.

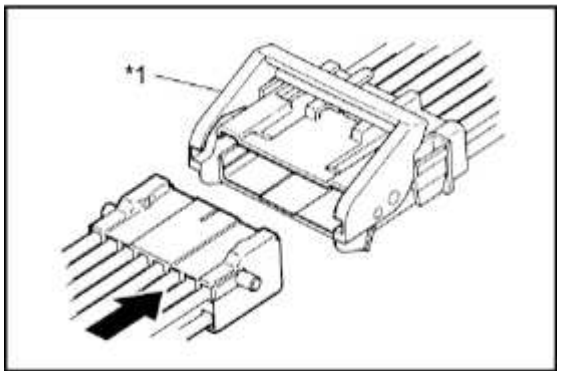


2. Connect the connector

a. Connect the connector in the condition that the lever is fully lifted up.

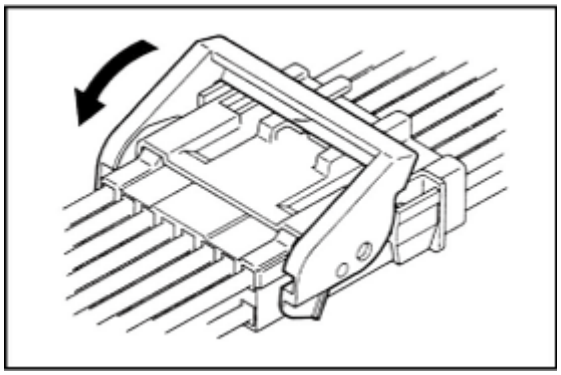
HINT:

If the lever is locked at the lower position, follow the procedure [Case 3]. (1) to (3) and lift the lever up fully.

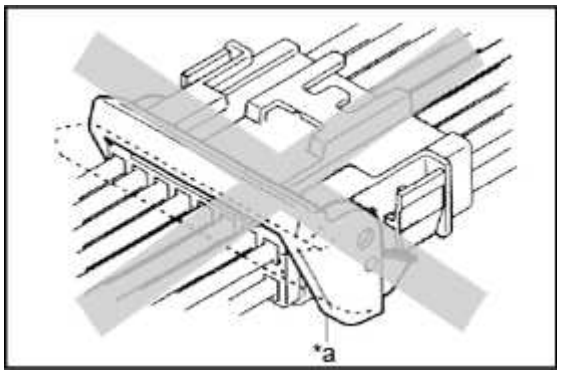


*1	Lever

b. Hold the connector to prevent it from slip off and push it down until you hear a click to lock it.



c. Confirm that the lever is securely fitted

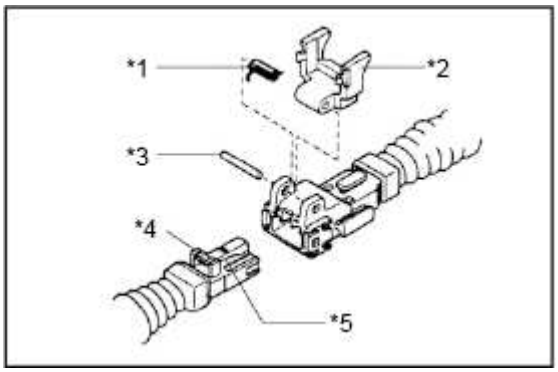


*a	Lever is not locked

The connector with secondary locking device

1. Area used

Wire harness for SRS airbag deployment

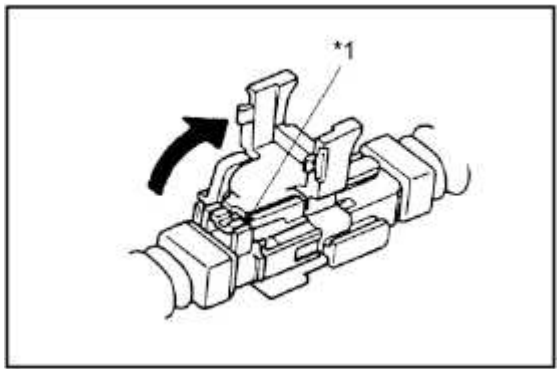


*1	Coil spring
*2	Double locking device pin
*3	Pin

*4	Convex part
*5	Primary locking device

2. Cut the connection of the connector.

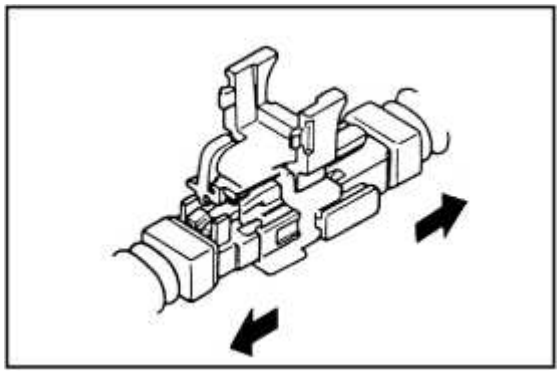
a. Release the double locking.



*1	Lock

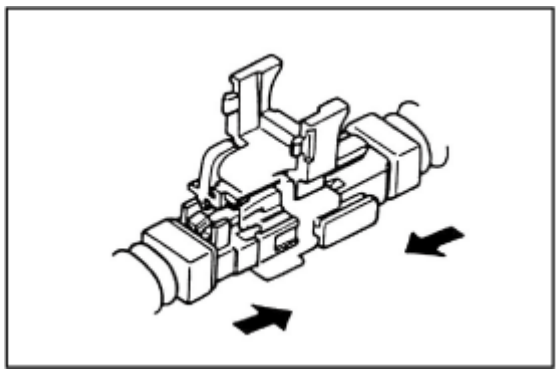
b. Release the primary locking and separate the connector.

NOTICE:
Do not hold the wire harness to pull it.



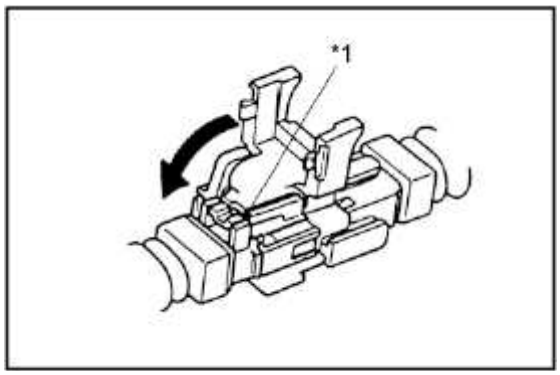
3. Connect the connector

a. Install the primary locking device and connect the connector.



b. Install the double locking device.

NOTICE:
The double locking device can not be installed unless the primary locking device is installed.



*1	Lock

Connector fixed by bolts

1. Area used

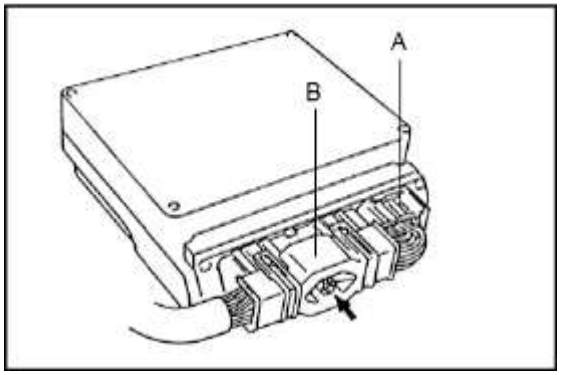
Engine control computer harness

2. Cut the connection of the connector.

a. Remove the connector A.

b. Loose the bolt using a tool like driver until the connector B can be removed by hand and separate the connector.

HINT:
If the bolt can not be removed, roll it while pulling forward.



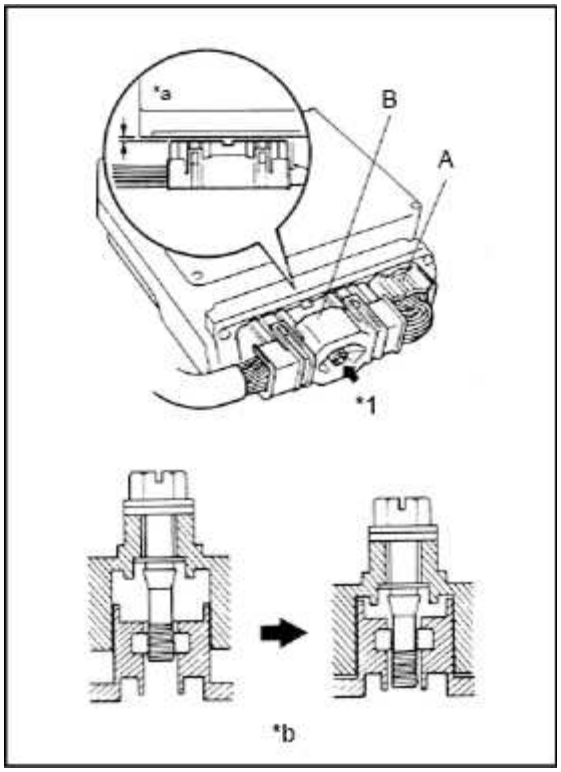
3. Connection of the connector

a. Temporarily fit the connector B.

b. Tighten the bolt by using tool like driver and fit the connector B completely.

NOTICE:
- Tighten the bolt until feeling it lighter. Then confirm that the width of chink of the connector B is less than 1mm.
- The bolt can be rolled after it is fitted.
- If the impact wrench is used, do not let it rolling more than three seconds. (The housing may be deformed by generated heat)
- Be sure and connect the connector B straight. Do not incline it while connecting.

c. Connect the connector A.



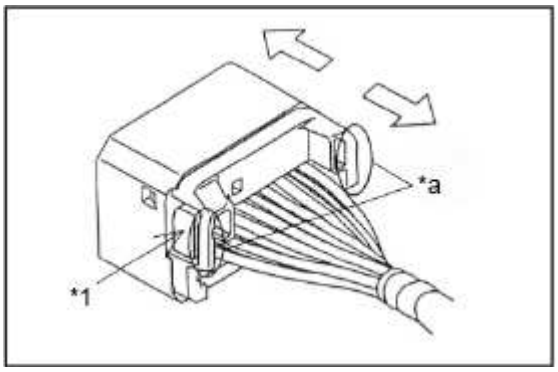
*1	Bolt
*a	Lass than 1mm
*b	Cross-section of the bolt

1. Cut the connection of the connector

a. Push down on locking arm to unlock. Then hold the back ribs of connector to remove connector.

b. Cut the Connection of the connector.

NOTICE:
Do not hold the wire harness to pull it.

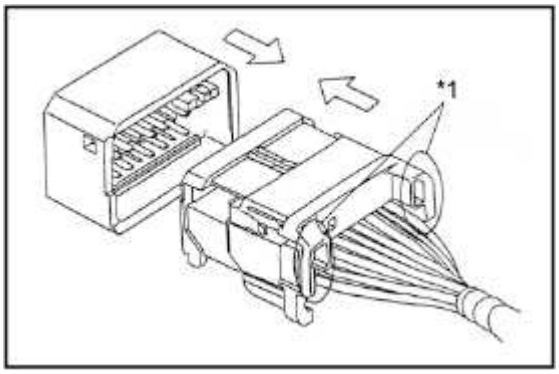


*1	Locking Arm
*a	Hold back rib to pull connector

2. Connect the Connector

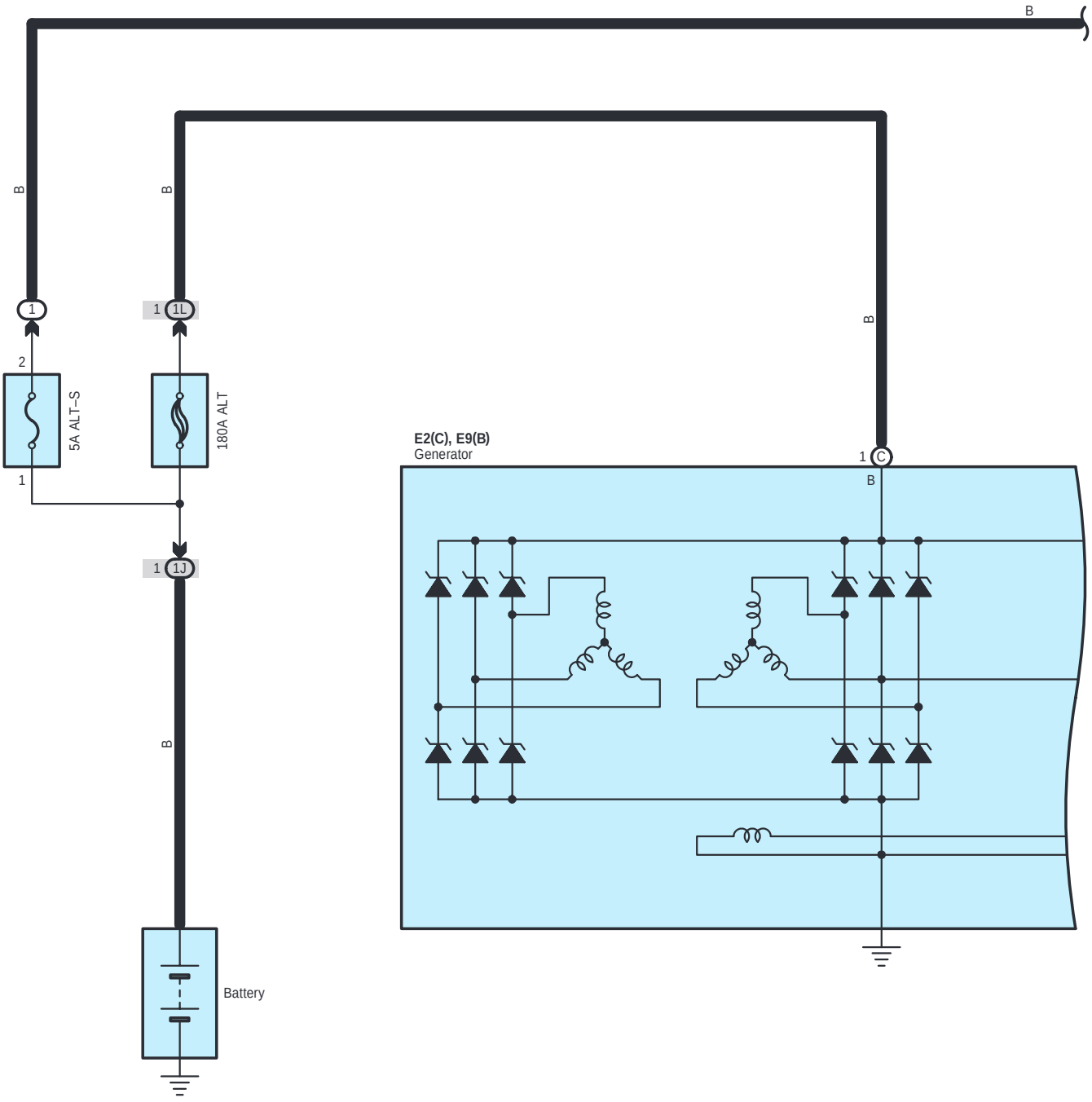
a. Align the direction of locking feature in same direction and mate the connector holding the back ribs in straight direction.

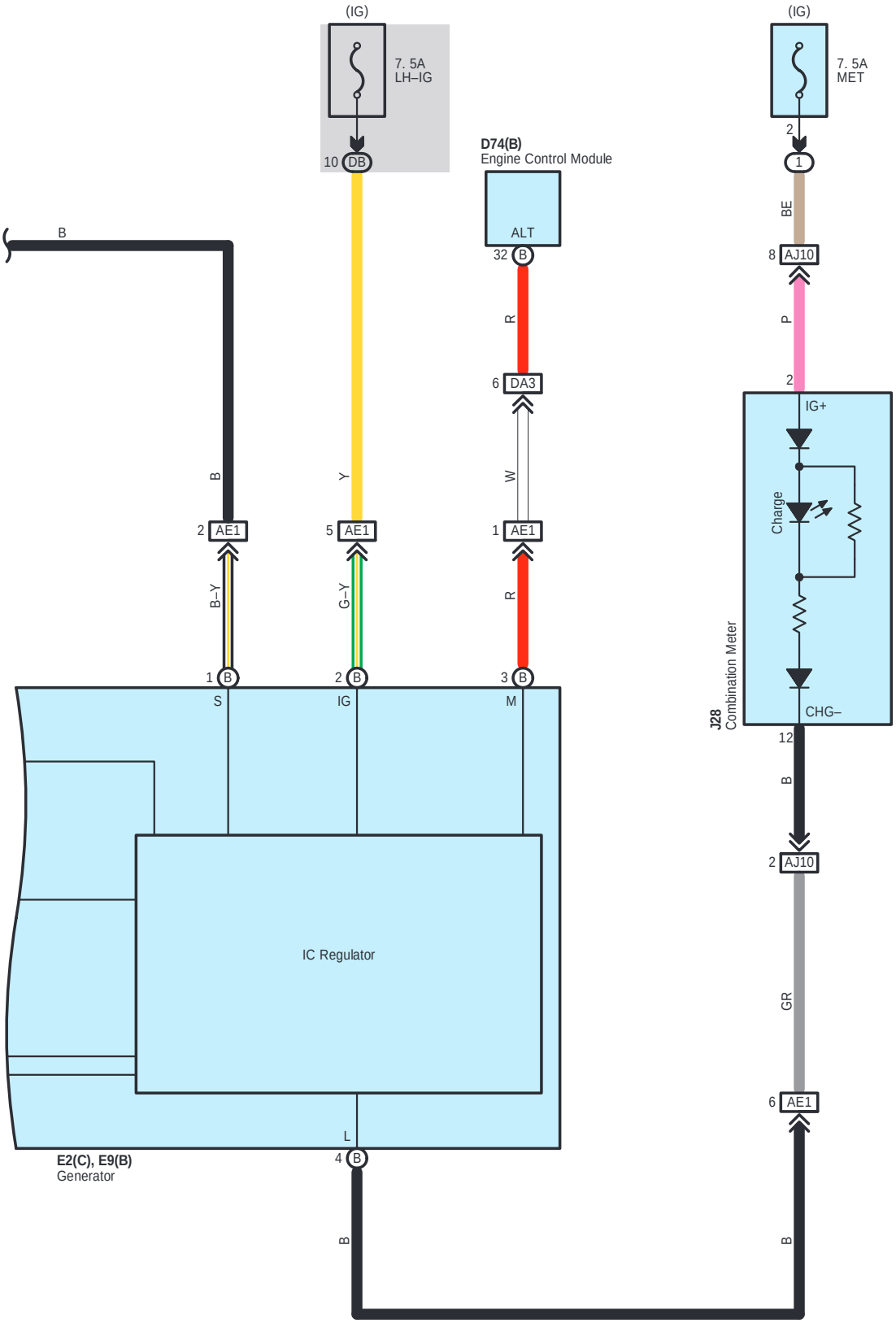
b. Insert it until a lock securely locks, and pull the connector lightly after the insertion, and confirm that a lock is enabled.



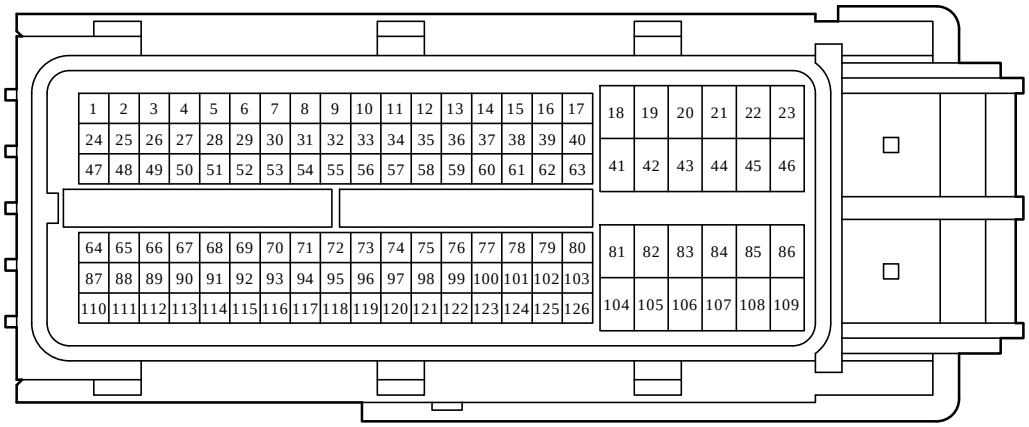
*1	back ribs

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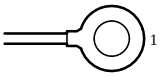

B
B
B
B
1
1 1L
2
5A ALT–S
180A ALT
1
1 1J
B
Battery
E2(C), E9(B)
Generator
1 C
B


(IG)
7. 5A
LH–IG
10 DB
D74(B)
Engine Control Module
ALT
32 B
R
6 DA3
W
1 AE1
R
3 B
M
B
2 AE1
B–Y
1 B
S
Y
5 AE1
G–Y
2 B
IG
B
IC Regulator
L
4 B
E2(C), E9(B)
Generator
B
(IG)
7. 5A
MET
2
1
BE
8 AJ10
P
2
IG+
Charge
CHG–
J28
Combination Meter
12
B
2 AJ10
GR
6 AE1
B

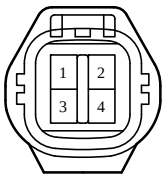
D 74
Black



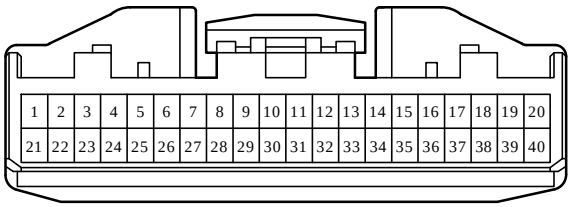
E 2



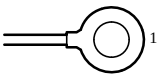
E 9
Black



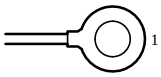
J 28
Black



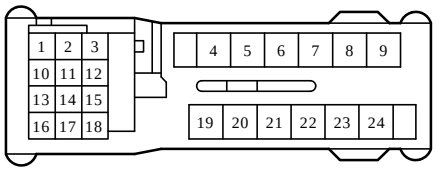
1J



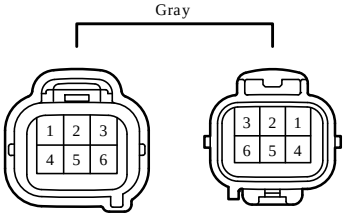
1L



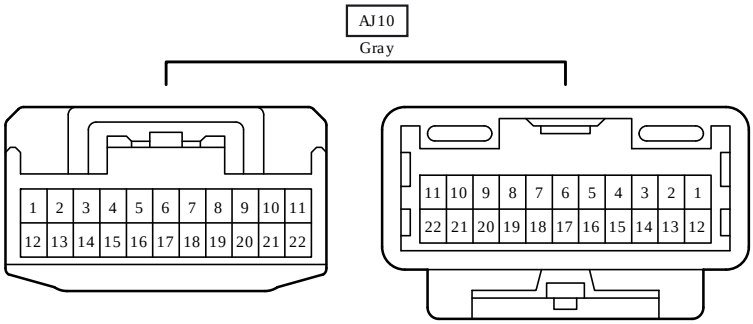
DB
White



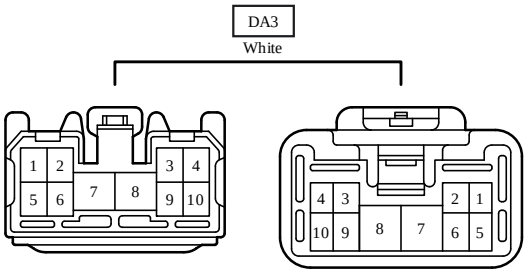
AE1
Gray

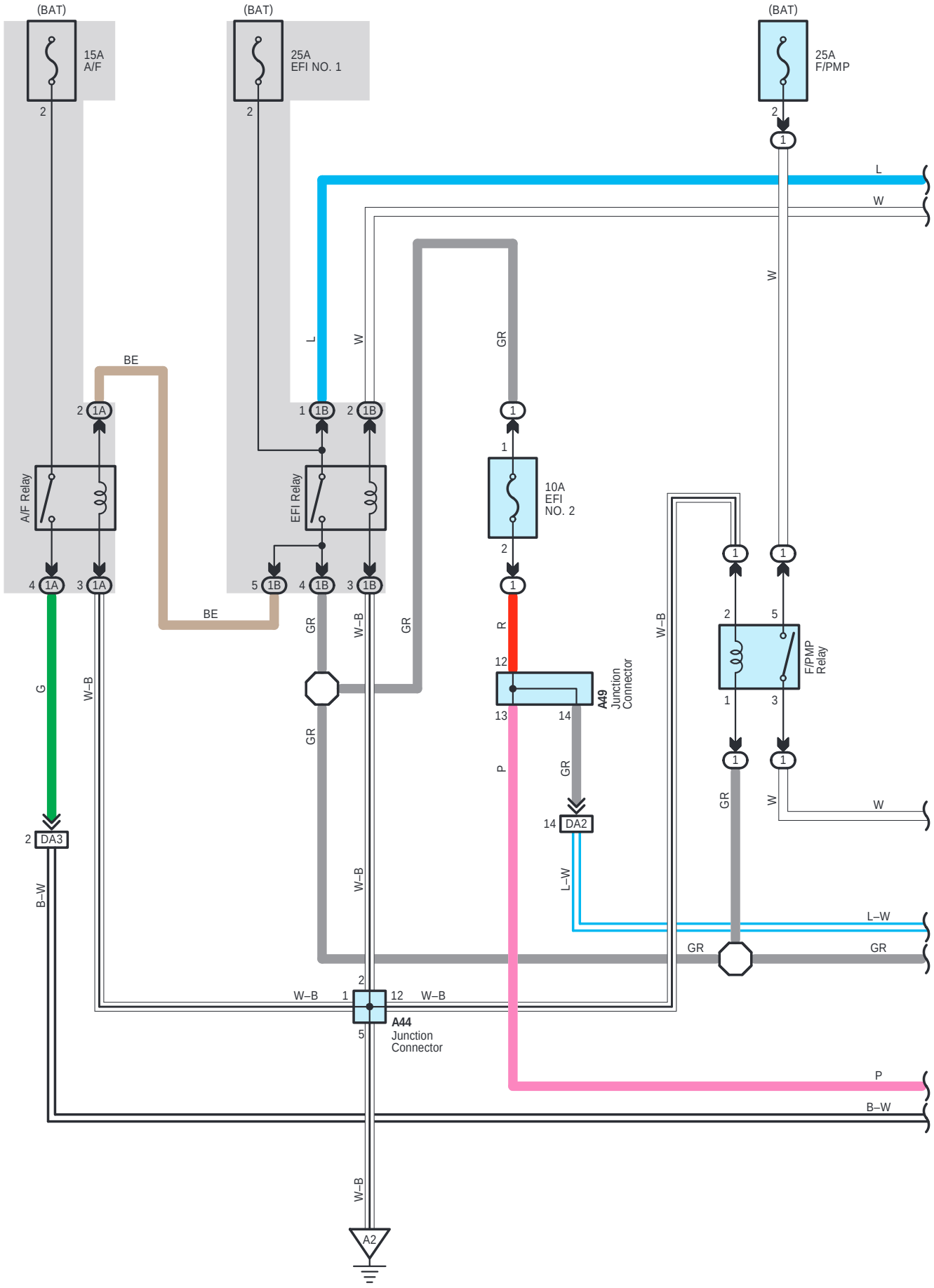


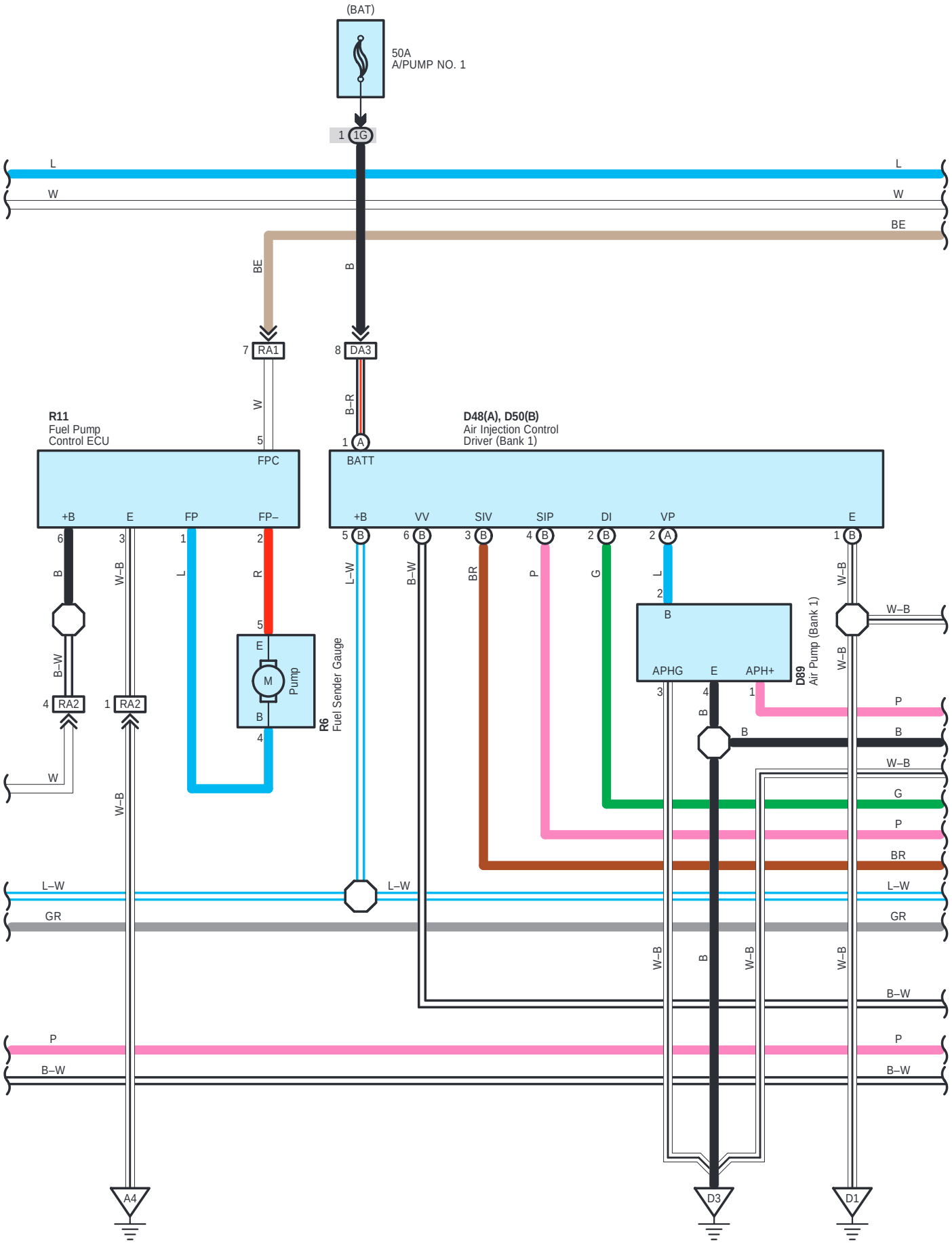
AJ10
Gray

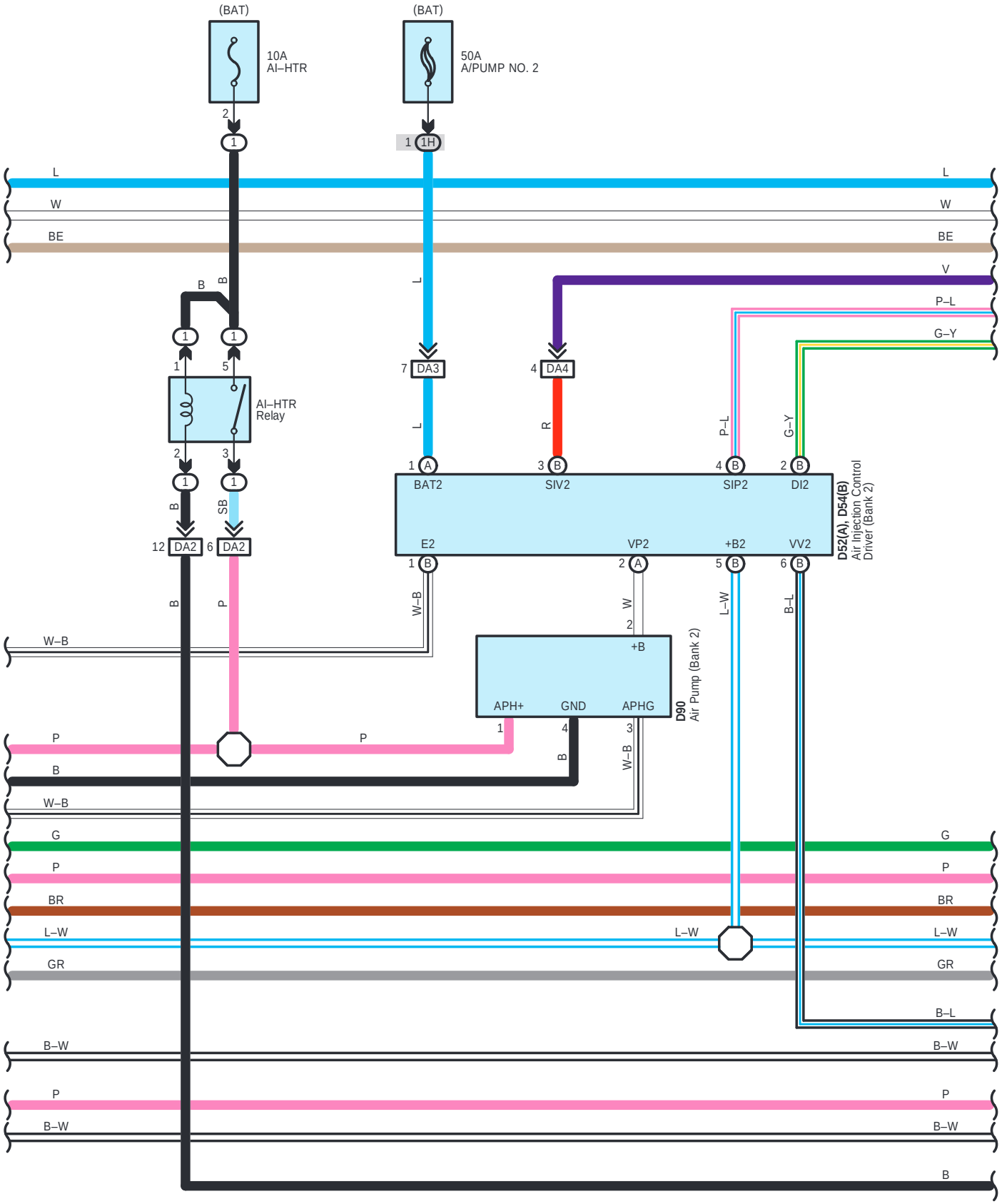


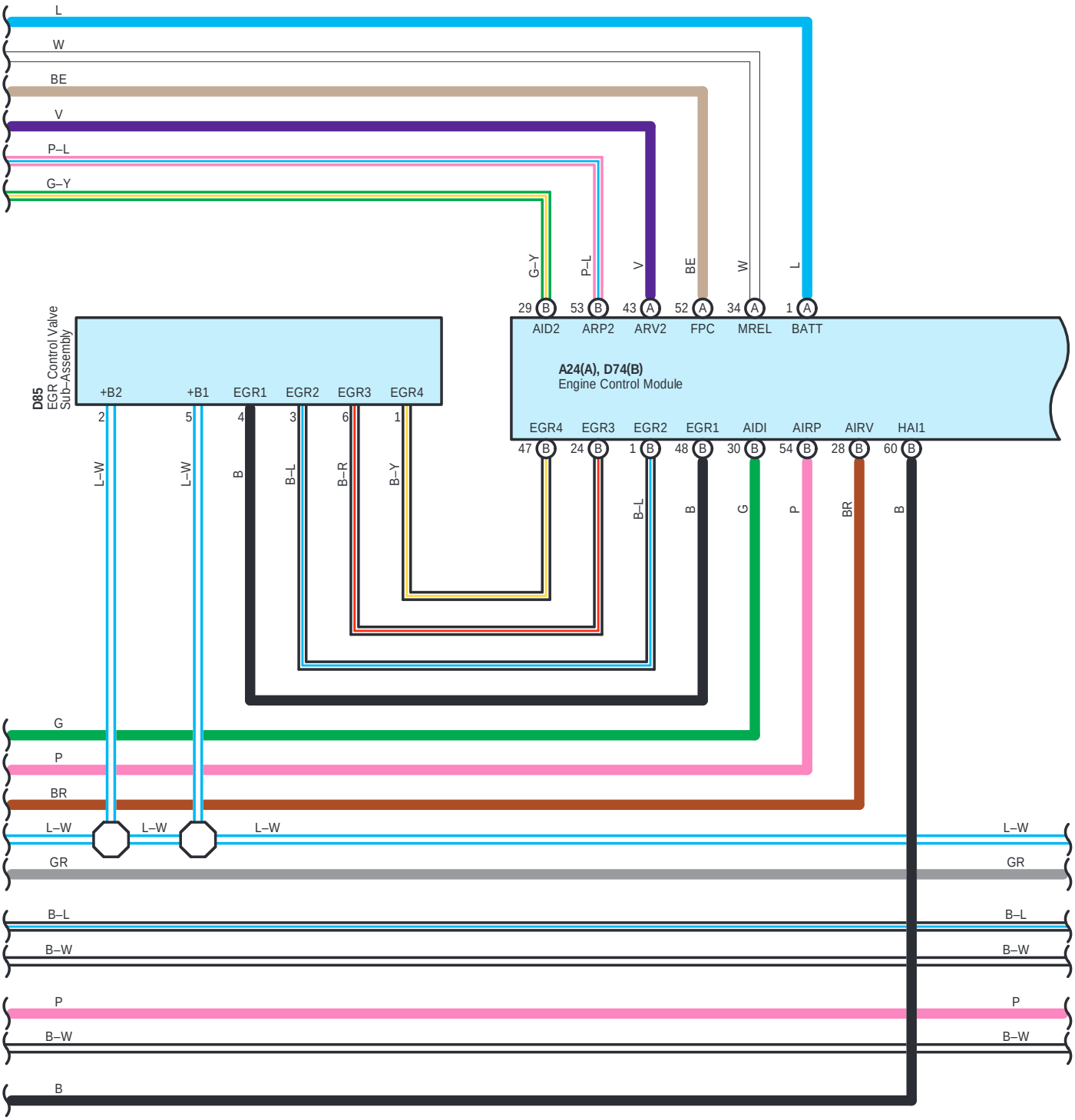
DA3
White

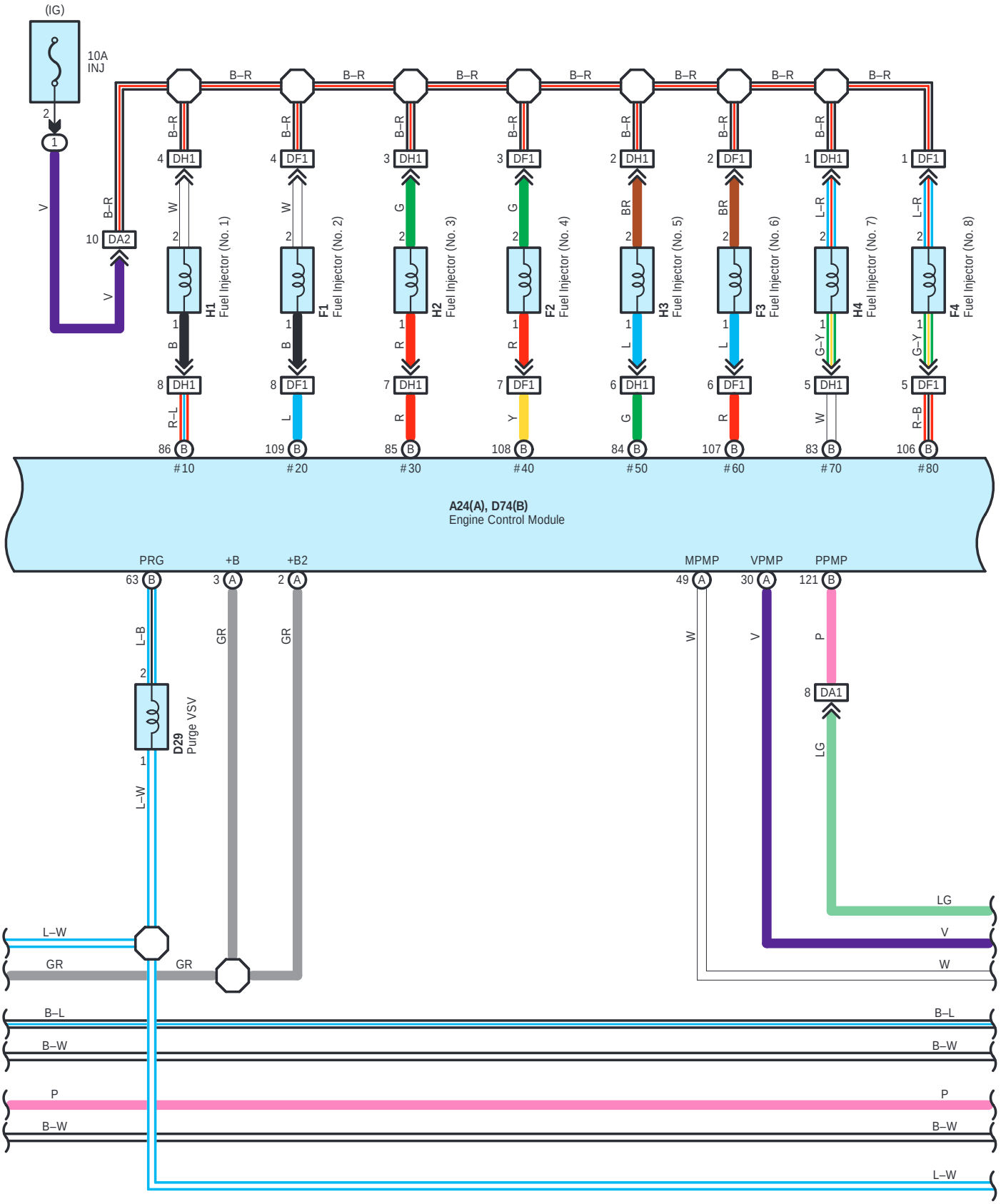


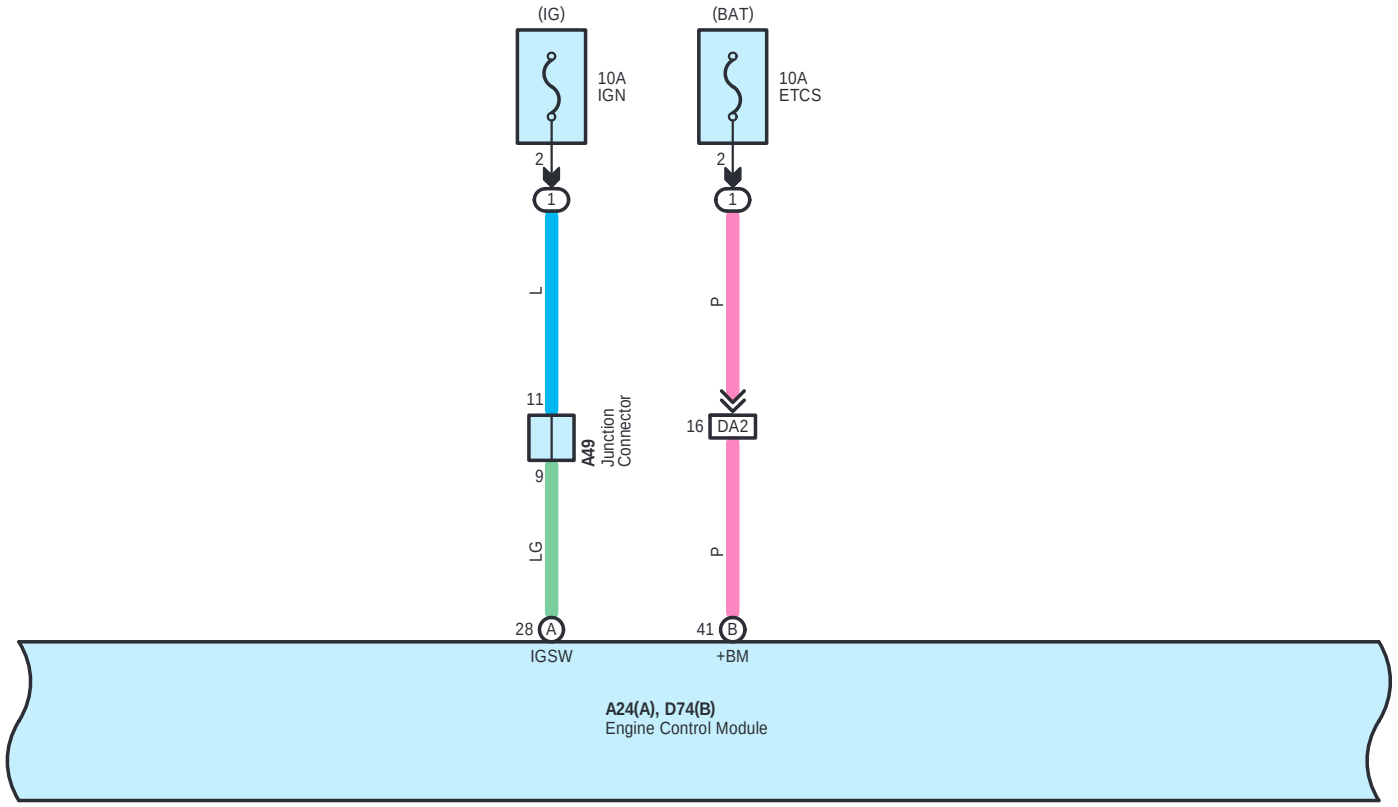

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
(BAT)
25A
F/PMP
2
1
L
W
W
L
W
GR
BE
2 1A
1 1B
2 1B
1
1
10A
EFI
NO. 2
2
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
1
1
BE
GR
W–B
GR
R
12
A49
Junction
Connector
13
14
W–B
2
5
F/PMP
Relay
1
3
G
W–B
GR
P
GR
1
1
GR
W
W
2 DA3
14 DA2
B–W
L–W
L–W
GR
GR
2
W–B
1
12
W–B
A44
Junction
Connector
5
P
B–W
W–B
A2

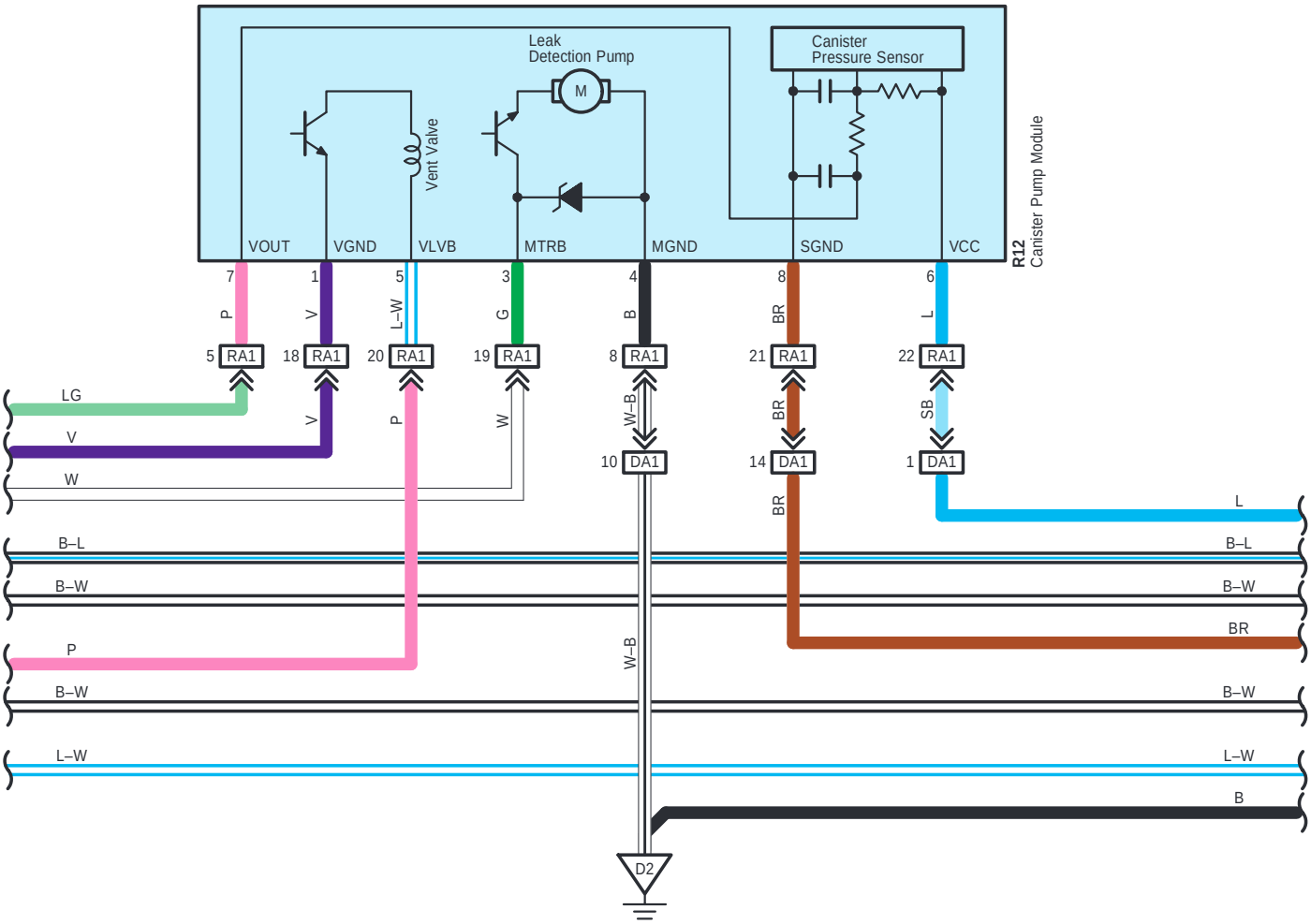

(BAT)
50A
A/PUMP NO. 1
1 1G
L
W
BE
B
7 RA1
8 DA3
W
B–R
R11
Fuel Pump
Control ECU
5 FPC
1 A
BATT
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
+B
E
FP
FP–
+B
VV
SIV
SIP
DI
VP
E
6 B
3 W–B
1 L
2 R
5 B
6 B
3 B
4 B
2 B
2 A
1 B
B
B–W
4 RA2
1 RA2
W
W–B
E
M
Pump
B
4
R6
Fuel Sender Gauge
L–W
B–W
BR
P
G
L
2
B
APHG
E
APH+
D89
Air Pump (Bank 1)
3
4
1
B
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
A4
D3
D1


(BAT)
10A
AI–HTR
2
1
(BAT)
50A
A/PUMP NO. 2
1 1H
L
W
BE
B
B
1
1
1
5
AI–HTR
Relay
2
3
1
1
B
SB
12 DA2
6 DA2
L
7 DA3
4 DA4
R
V
P–L
G–Y
1 A
BAT2
3 B
SIV2
4 B
SIP2
2 B
DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
E2
VP2
+B2
VV2
1 B
2 A
5 B
6 B
W–B
W
2
+B
L–W
B–L
D90
Air Pump (Bank 2)
APH+
GND
APHG
1
4
3
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
B

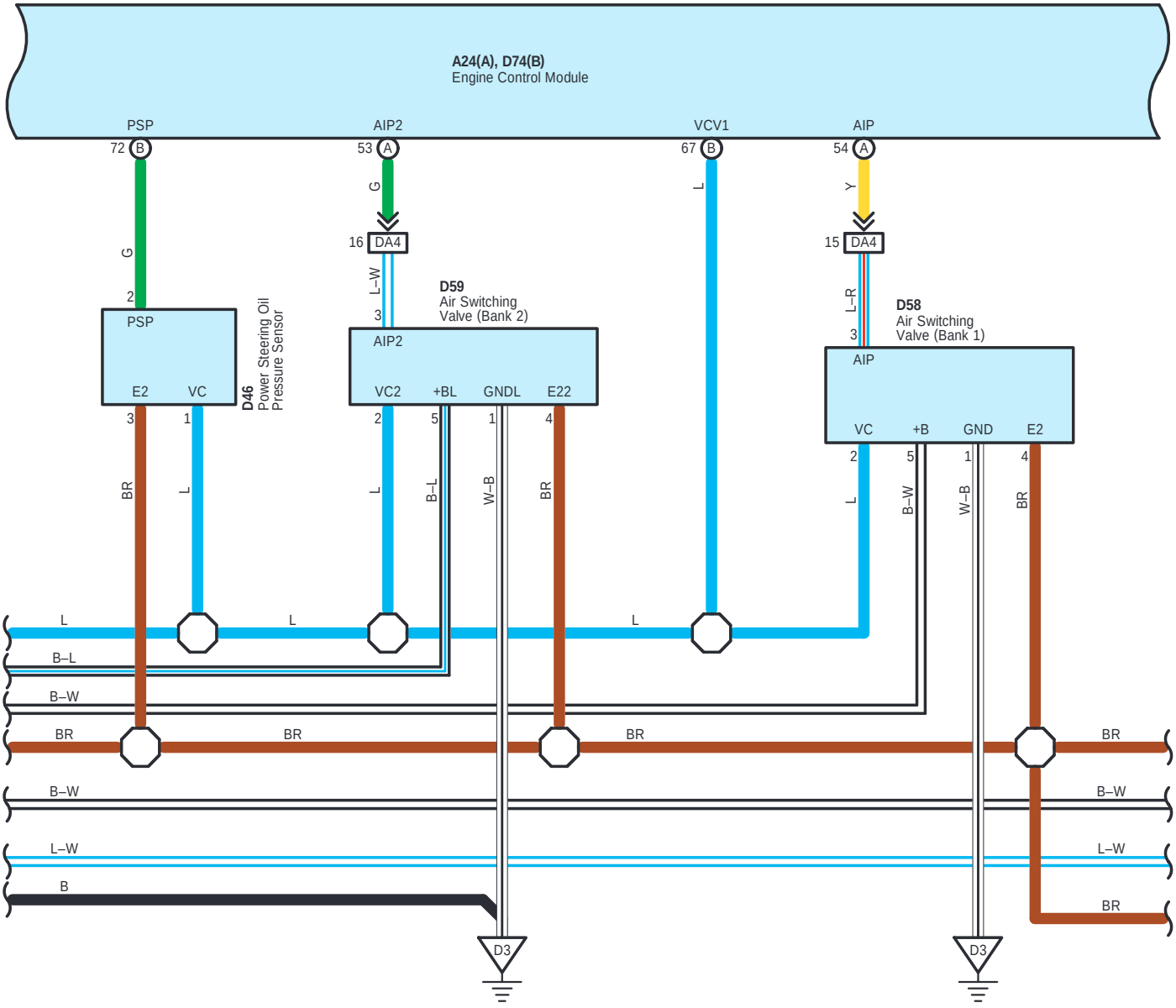

L
W
BE
V
P–L
G–Y
G–Y
P–L
V
BE
W
L
29 B
53 B
43 A
52 A
34 A
1 A
AID2
ARP2
ARV2
FPC
MREL
BATT
A24(A), D74(B)
Engine Control Module
EGR4
EGR3
EGR2
EGR1
AIDI
AIRP
AIRV
HAI1
47 B
24 B
1 B
48 B
30 B
54 B
28 B
60 B
D85
EGR Control Valve
Sub–Assembly
+B2
+B1
EGR1
EGR2
EGR3
EGR4
2
5
4
3
6
1
L–W
L–W
B
B–L
B–R
B–Y
B–L
B
G
P
BR
B
G
P
BR
L–W
L–W
L–W
L–W
GR
GR
B–L
B–L
B–W
B–W
P
P
B–W
B–W
B

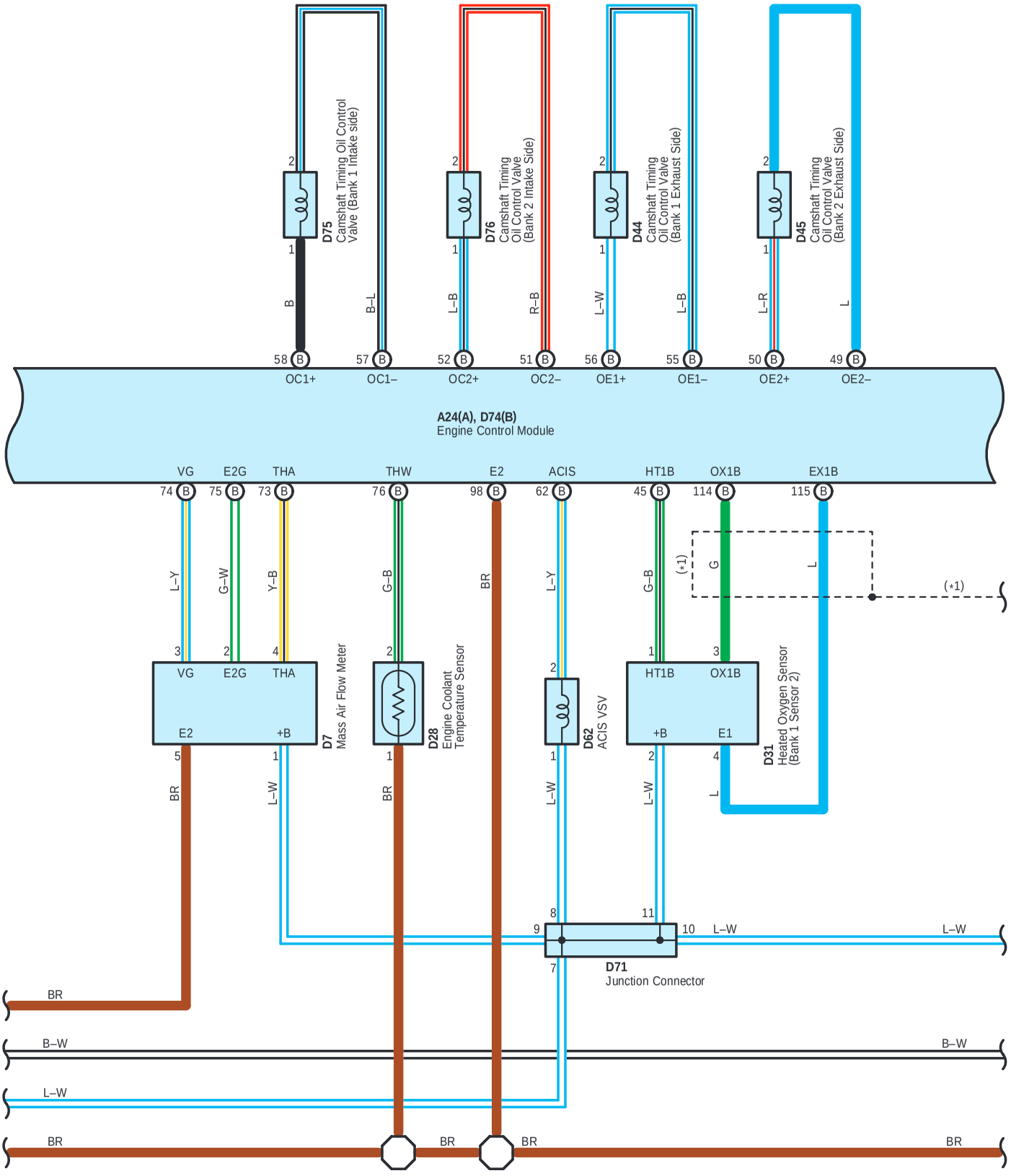

(IG)
10A
INJ
2
1
V
B–R
10 DA2
V
B–R
4 DH1
W
2
H1 Fuel Injector (No. 1)
1
B
8 DH1
R–L
86 B
#10
4 DF1
W
2
F1 Fuel Injector (No. 2)
1
B
8 DF1
L
109 B
#20
3 DH1
G
2
H2 Fuel Injector (No. 3)
1
R
7 DH1
R
85 B
#30
3 DF1
G
2
F2 Fuel Injector (No. 4)
1
R
7 DF1
Y
108 B
#40
2 DH1
BR
2
H3 Fuel Injector (No. 5)
1
L
6 DH1
G
84 B
#50
2 DF1
BR
2
F3 Fuel Injector (No. 6)
1
L
6 DF1
R
107 B
#60
1 DH1
L–R
2
H4 Fuel Injector (No. 7)
1
G–Y
5 DH1
W
83 B
#70
1 DF1
L–R
2
F4 Fuel Injector (No. 8)
1
G–Y
5 DF1
R–B
106 B
#80
A24(A), D74(B)
Engine Control Module
PRG
63 B
L–B
2
D29 Purge VSV
1
L–W
+B
3 A
GR
+B2
2 A
GR
MPMP
49 A
W
VPMP
30 A
V
PPMP
121 B
P
8 DA1
LG
LG
V
W
L–W
GR
GR
B–L
B–W
P
B–W
B–L
B–W
P
B–W
L–W

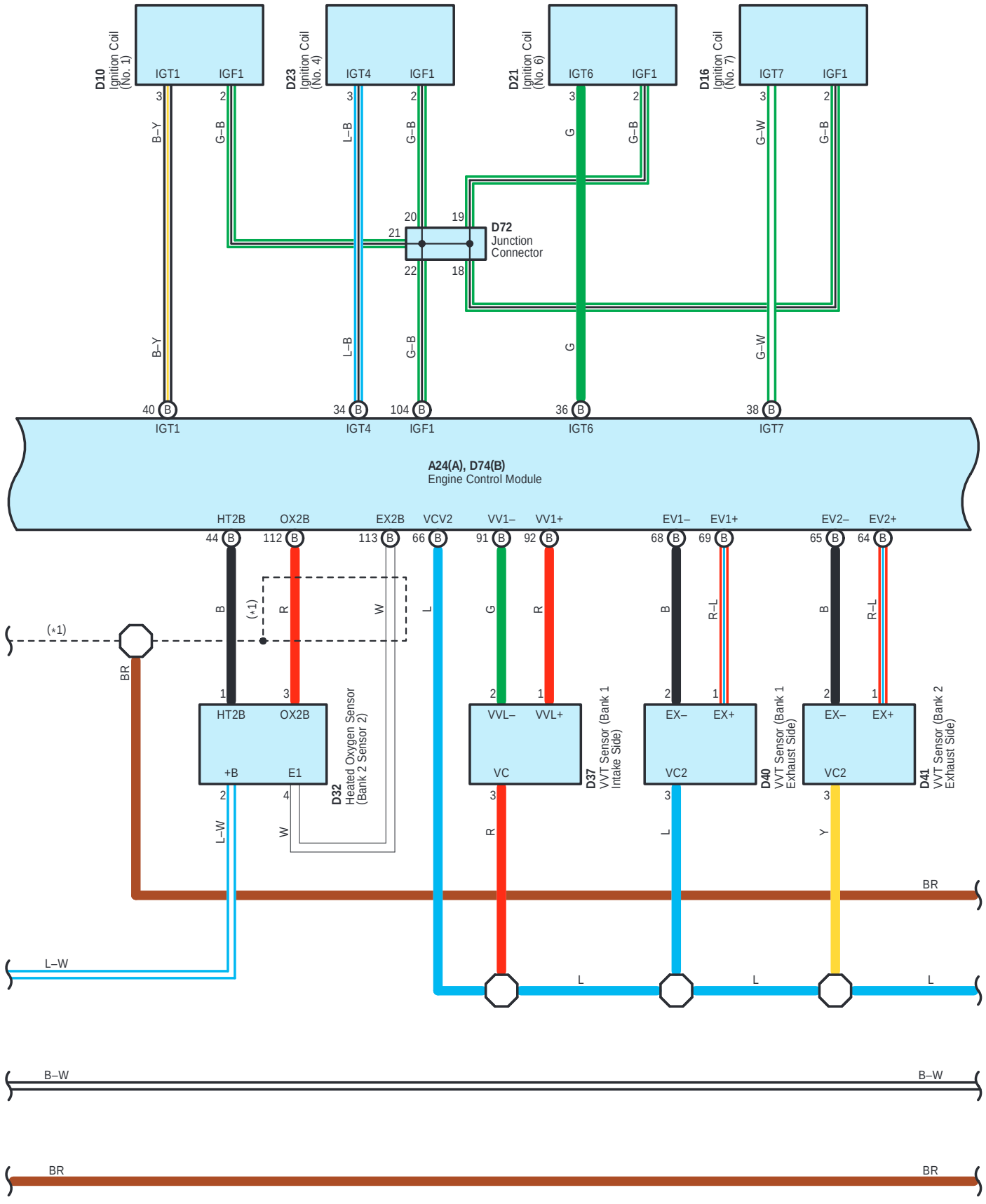

(IG)
10A
IGN
(BAT)
10A
ETCS
2
1
L
P
11
A49
Junction
Connector
9
LG
16
DA2
28
A
IGSW
41
B
+BM
A24(A), D74(B)
Engine Control Module

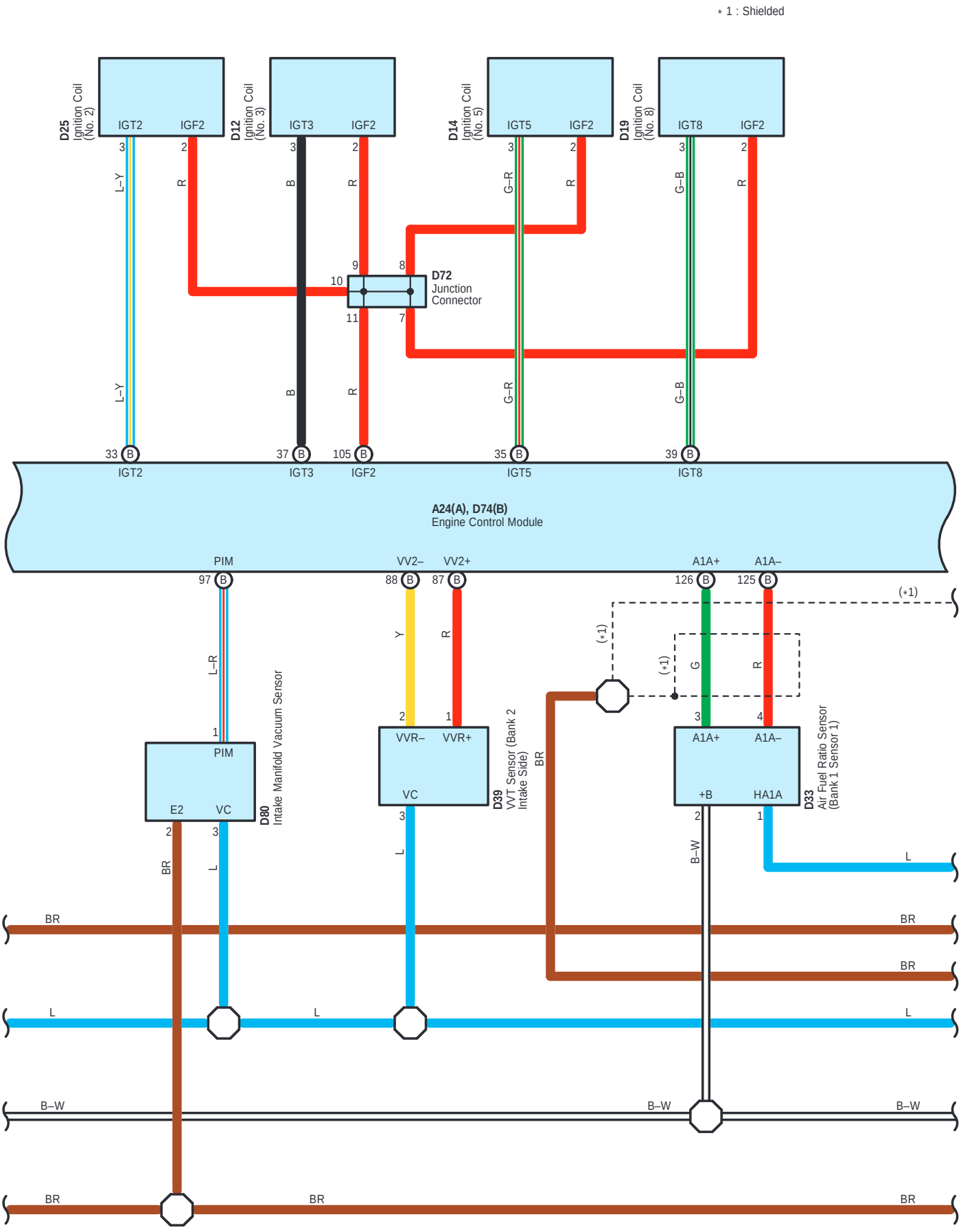

Leak
Detection Pump
M
Vent Valve
Canister
Pressure Sensor
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
R12
Canister Pump Module
7
1
5
3
4
8
6
P
V
L–W
G
B
BR
L
5
RA1
18
RA1
20
RA1
19
RA1
8
RA1
21
RA1
22
RA1
LG
V
W
P
W
W–B
BR
SB
10
DA1
14
DA1
1
DA1
B–L
B–W
P
B–W
L–W
W–B
BR
L
B–L
B–W
B–W
L–W
B
D2

* 1 : Shielded

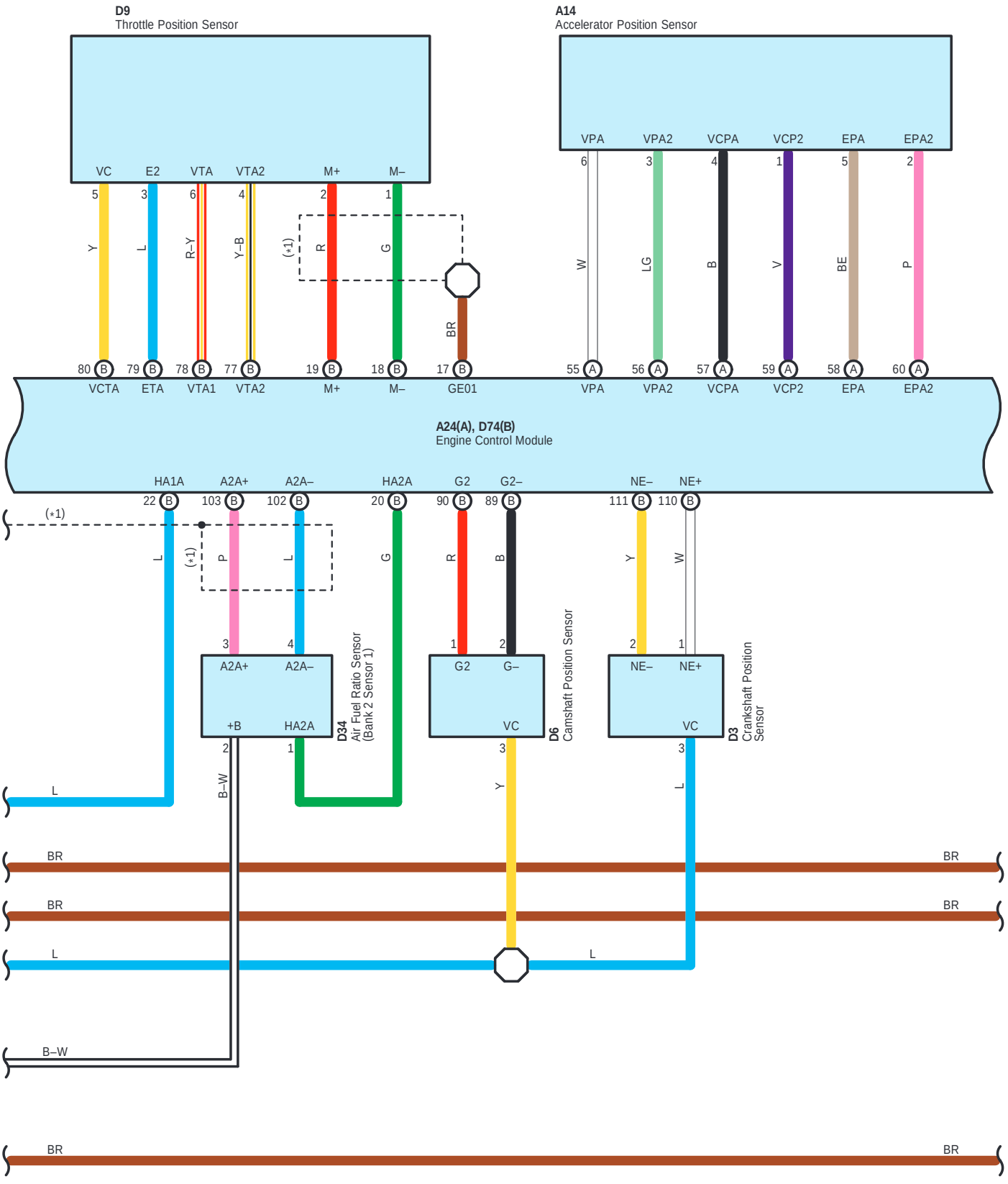

A24(A), D74(B)
Engine Control Module
PSP
AIP2
VCV1
AIP
72 B
53 A
67 B
54 A
G
G
L
Y
16 DA4
15 DA4
L–W
L–R
2
3
3
PSP
E2
VC
D46
Power Steering Oil Pressure Sensor
D59
Air Switching Valve (Bank 2)
AIP2
VC2
+BL
GNDL
E22
D58
Air Switching Valve (Bank 1)
AIP
VC
+B
GND
E2
3
1
2
5
1
4
2
5
1
4
BR
L
L
B–L
W–B
BR
L
B–W
W–B
BR
L
L
L
B–L
B–W
BR
BR
BR
BR
B–W
B–W
L–W
L–W
B
BR
D3
D3

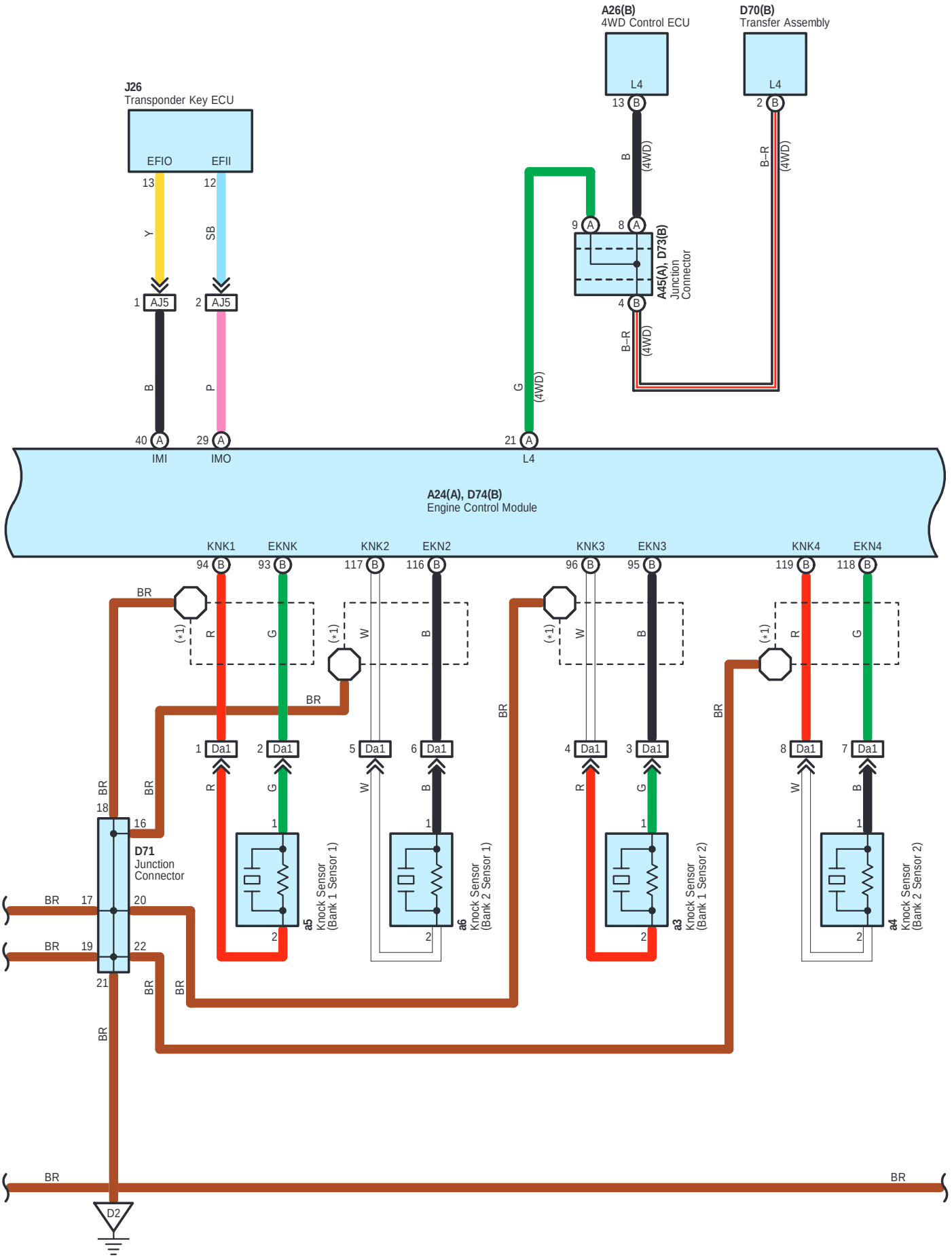

D75
Camshaft Timing Oil Control Valve (Bank 1 Intake side)
D76
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
D44
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
D45
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A24(A), D74(B)
Engine Control Module
VG
E2G
THA
THW
E2
ACIS
HT1B
OX1B
EX1B
74
75
73
76
98
62
45
114
115
L–Y
G–W
Y–B
G–B
BR
L–Y
G–B
G
L
(*1)
D7
Mass Air Flow Meter
D28
Engine Coolant Temperature Sensor
D62
ACIS VSV
D31
Heated Oxygen Sensor (Bank 1 Sensor 2)
BR
L–W
BR
L–W
L–W
L
D71
Junction Connector
L–W
BR
B–W
L–W
BR
BR
BR
B–W

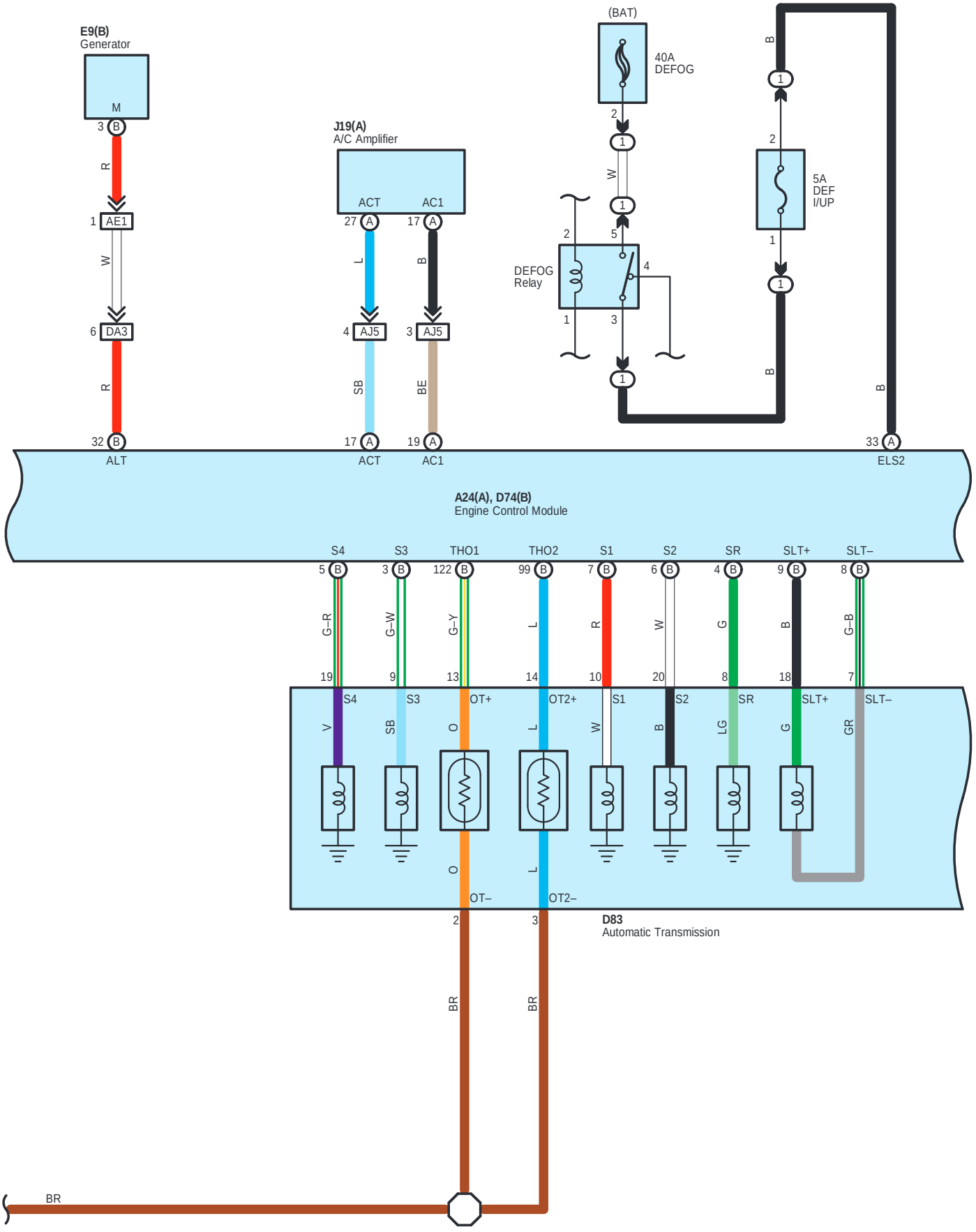

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
B–Y
G–B
L–B
G
G–W
D72 Junction Connector
A24(A), D74(B) Engine Control Module
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
(*1)
BR
L–W
W
L
R–L
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
+B
E1
VVL–
VVL+
VC
D37 VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40 VVT Sensor (Bank 1 Exhaust Side)
D41 VVT Sensor (Bank 2 Exhaust Side)
Y
B–W
BR

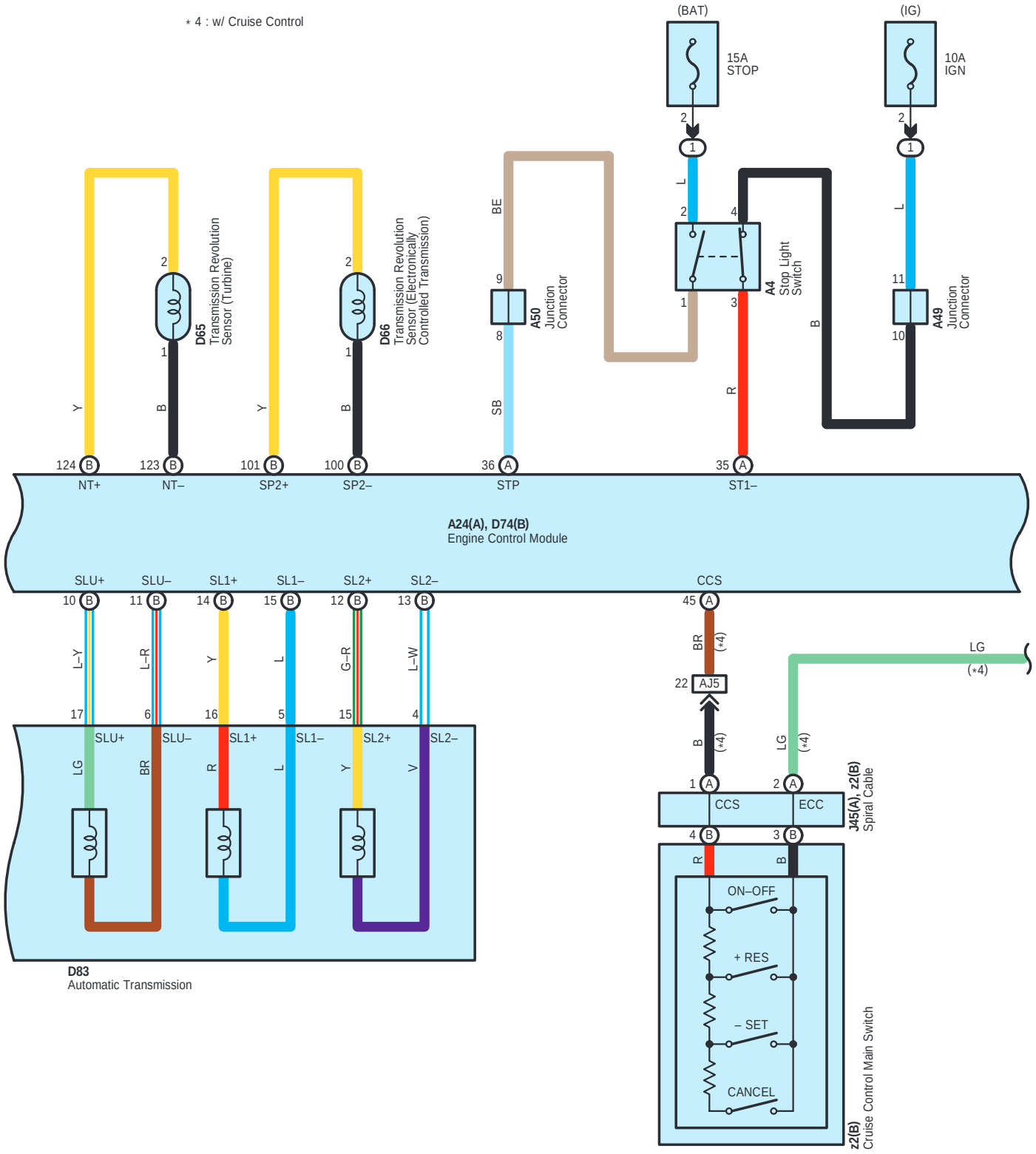

*1 : Shielded
D25 Ignition Coil (No. 2)
D12 Ignition Coil (No. 3)
D14 Ignition Coil (No. 5)
D19 Ignition Coil (No. 8)
IGT2
IGF2
IGT3
IGT5
IGT8
D72 Junction Connector
A24(A), D74(B) Engine Control Module
PIM
VV2–
VV2+
A1A+
A1A–
D80 Intake Manifold Vacuum Sensor
D39 VVT Sensor (Bank 2 Intake Side)
D33 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
VVR–
VVR+
E2
VC
+B
HA1A
L–Y
L–R
R
B
G–R
G–B
Y
G
BR
L
B–W

* 1 : Shielded

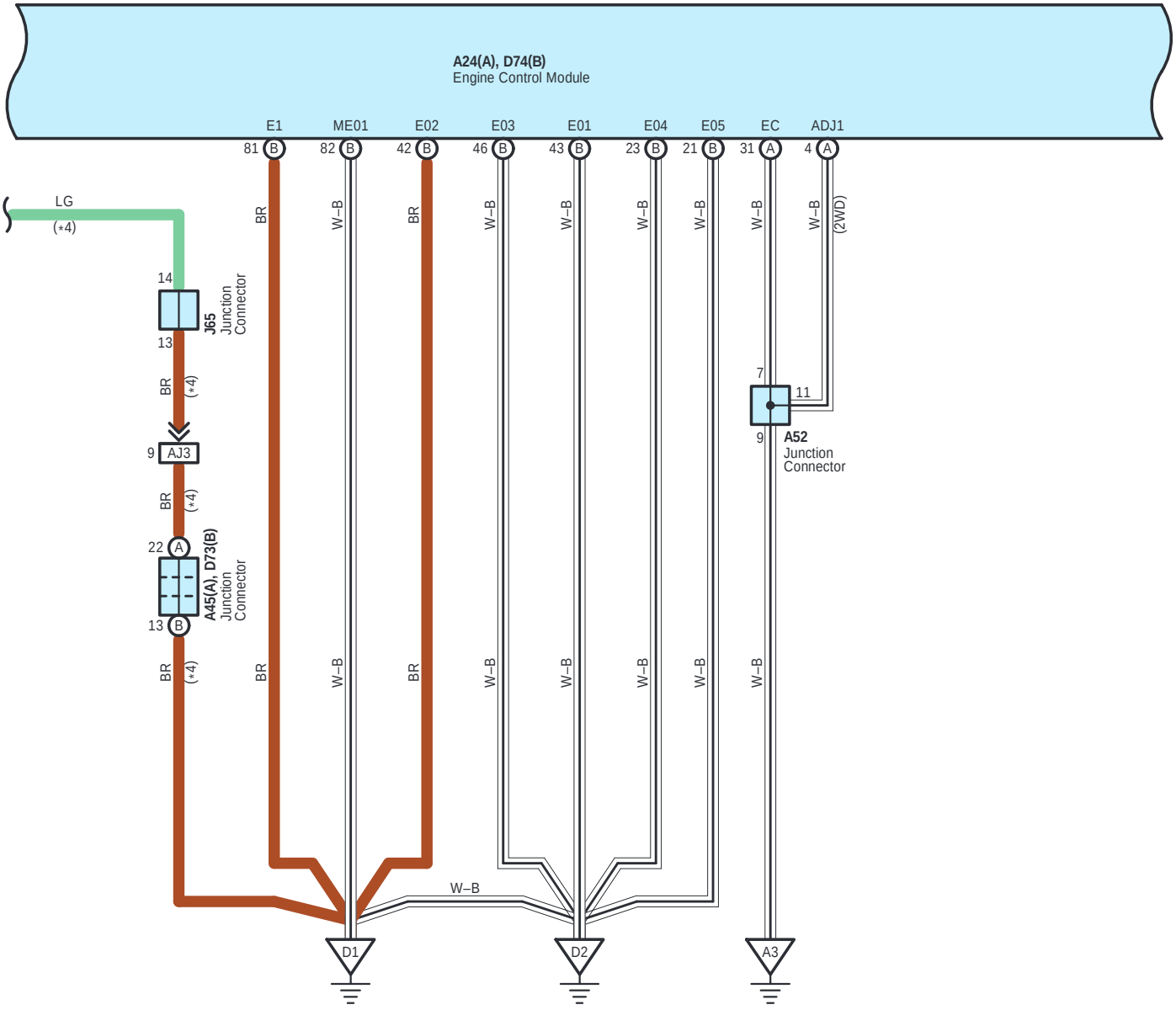

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A24(A), D74(B)
Engine Control Module
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
D6
Camshaft Position Sensor
D3
Crankshaft Position
Sensor
(*1)
BR
BR
BR
BR
B–W
BR
BR

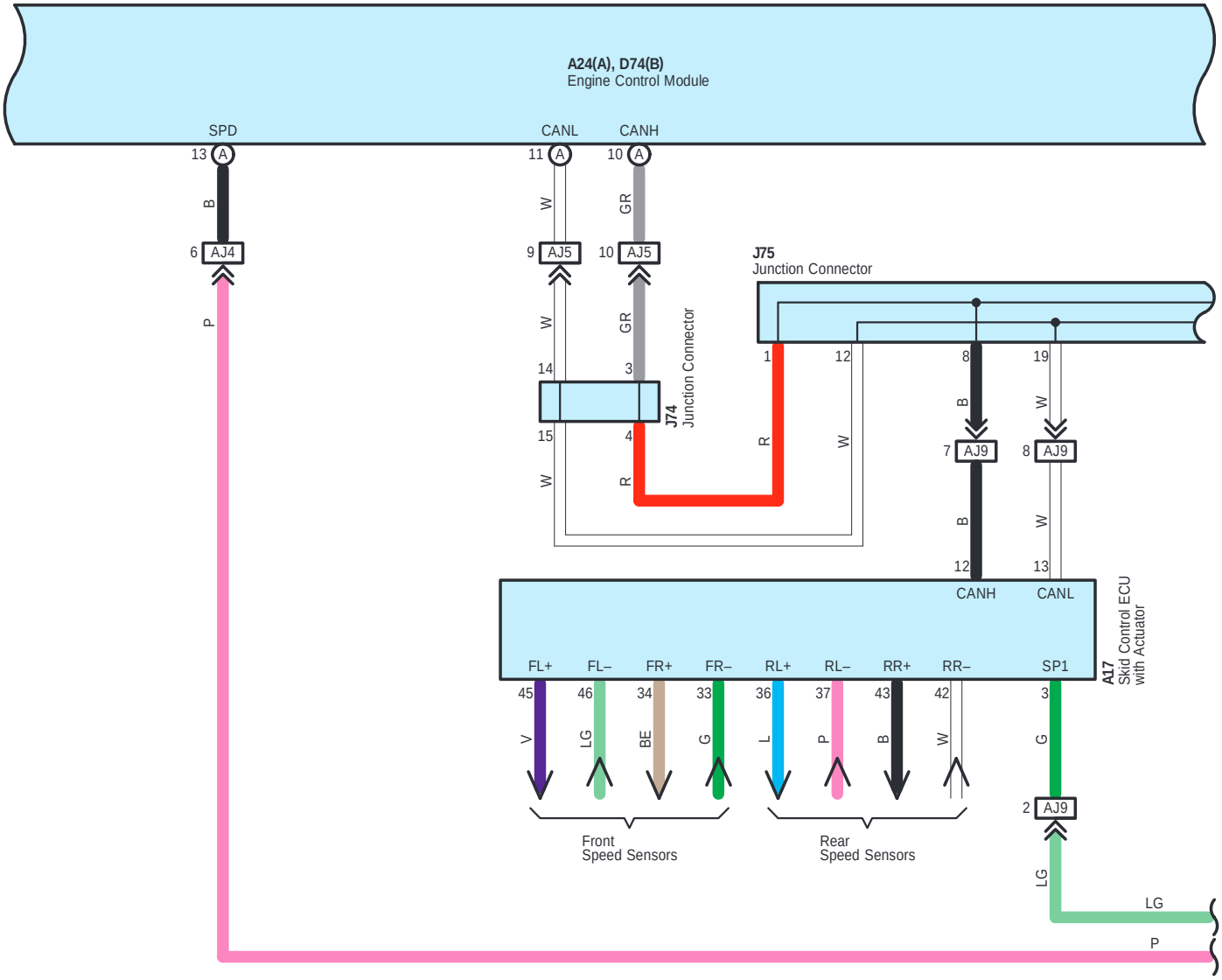

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
J26
Transponder Key ECU
EFIO
EFII
L4
A45(A), D73(B)
Junction Connector
A24(A), D74(B)
Engine Control Module
IMI
IMO
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
D71
Junction Connector
a5 Knock Sensor (Bank 1 Sensor 1)
a6 Knock Sensor (Bank 2 Sensor 1)
a3 Knock Sensor (Bank 1 Sensor 2)
a4 Knock Sensor (Bank 2 Sensor 2)
D2

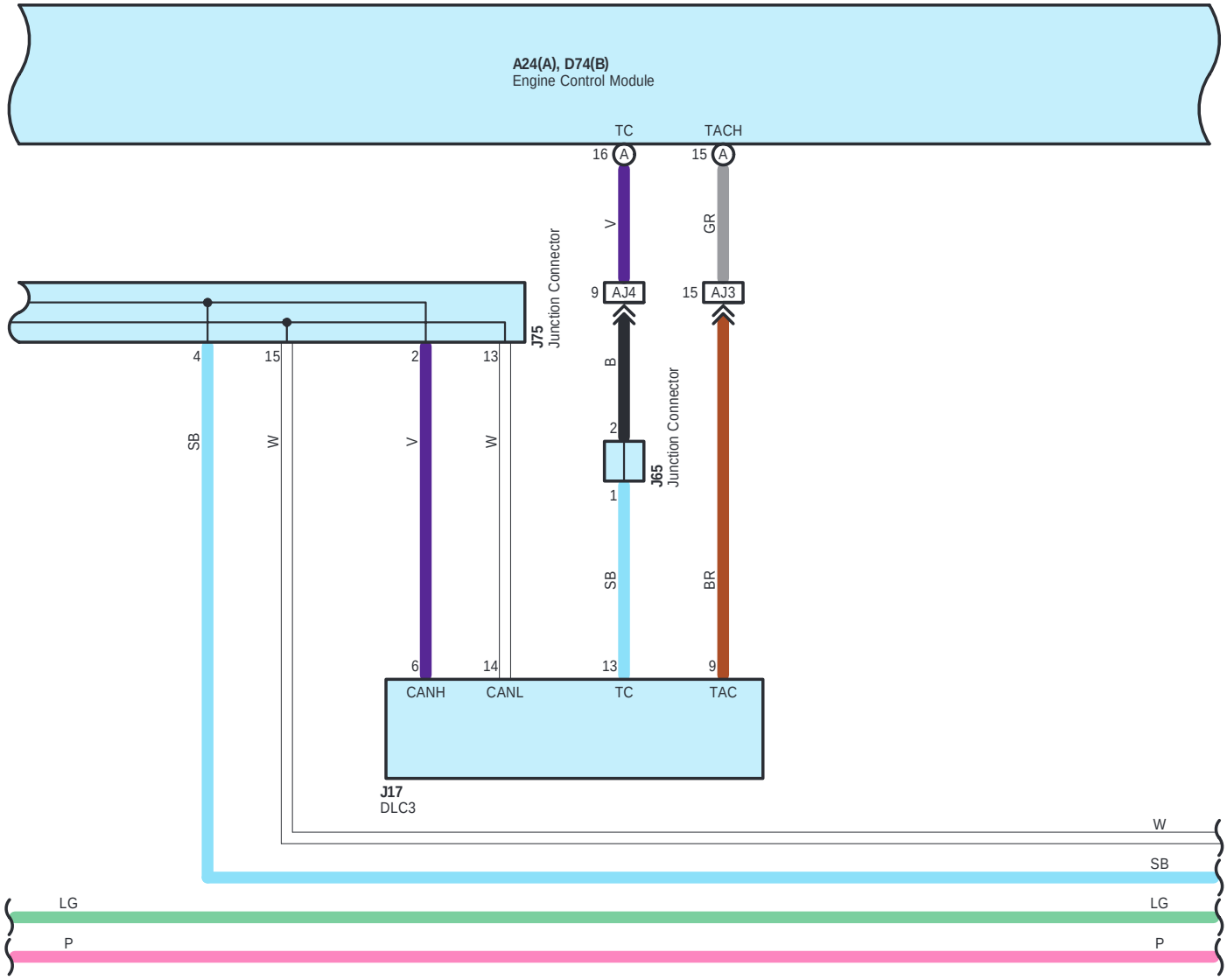

E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
19 A
ACT
AC1
(BAT)
40A
DEFOG
2
1
W
1
2
5
4
DEFOG
Relay
1
3
1
B
1
2
5A
DEF
I/UP
1
1
B
B
33 A
ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
G–R
G–W
G–Y
L
R
W
G
B
G–B
19
9
13
14
10
20
8
18
7
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
V
SB
O
L
W
B
LG
G
GR
O
L
OT–
OT2–
2
3
D83
Automatic Transmission
BR
BR
BR


* 4 : w/ Cruise Control
(BAT)
15A
STOP
(IG)
10A
IGN
D65
Transmission Revolution Sensor (Turbine)
D66
Transmission Revolution Sensor (Electronically Controlled Transmission)
A50
Junction Connector
A4
Stop Light Switch
A49
Junction Connector
124 NT+
123 NT–
101 SP2+
100 SP2–
36 STP
35 ST1–
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
D83
Automatic Transmission
J45(A), z2(B)
Spiral Cable
z2(B)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
AJ5
LG
(*4)

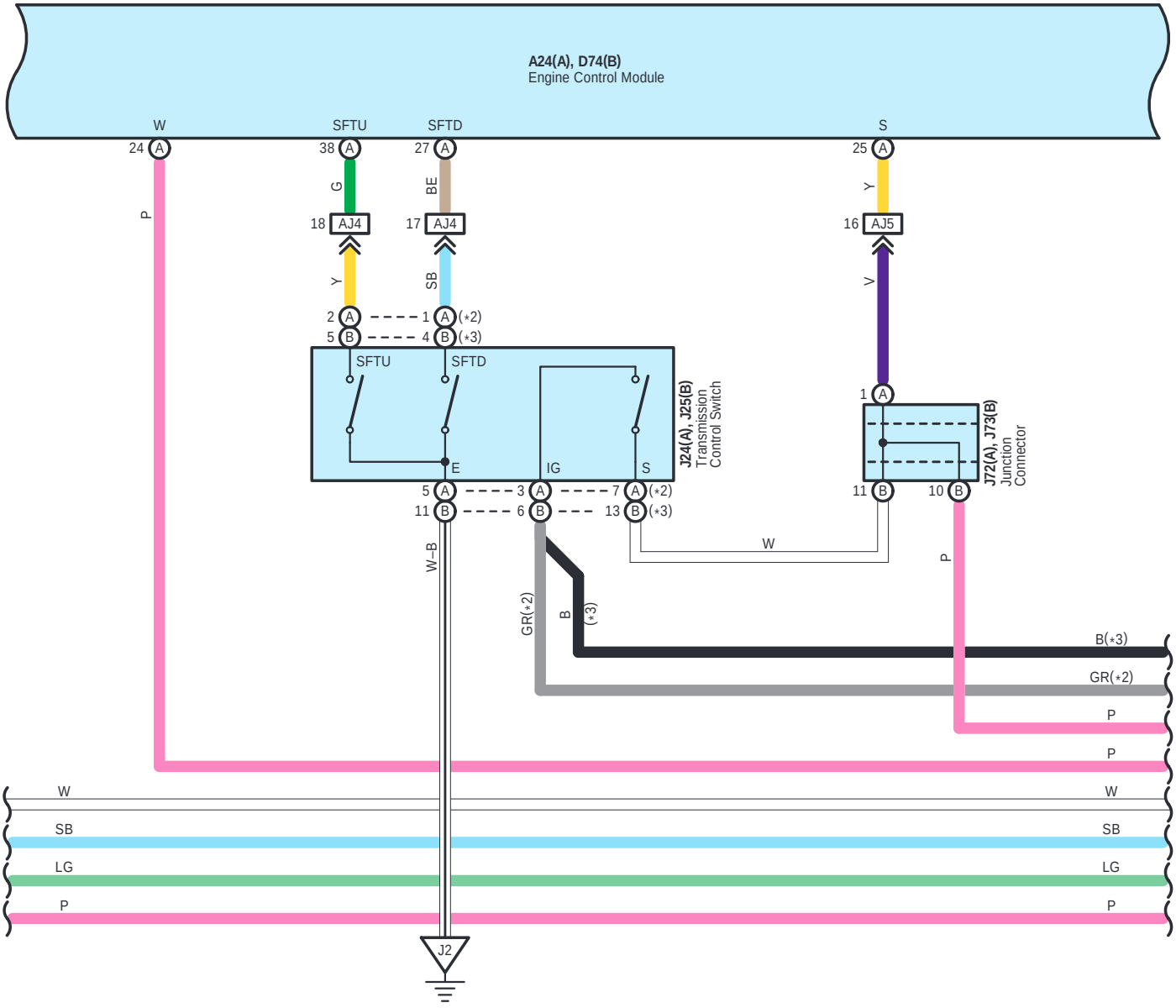
* 4 : w/ Cruise Control

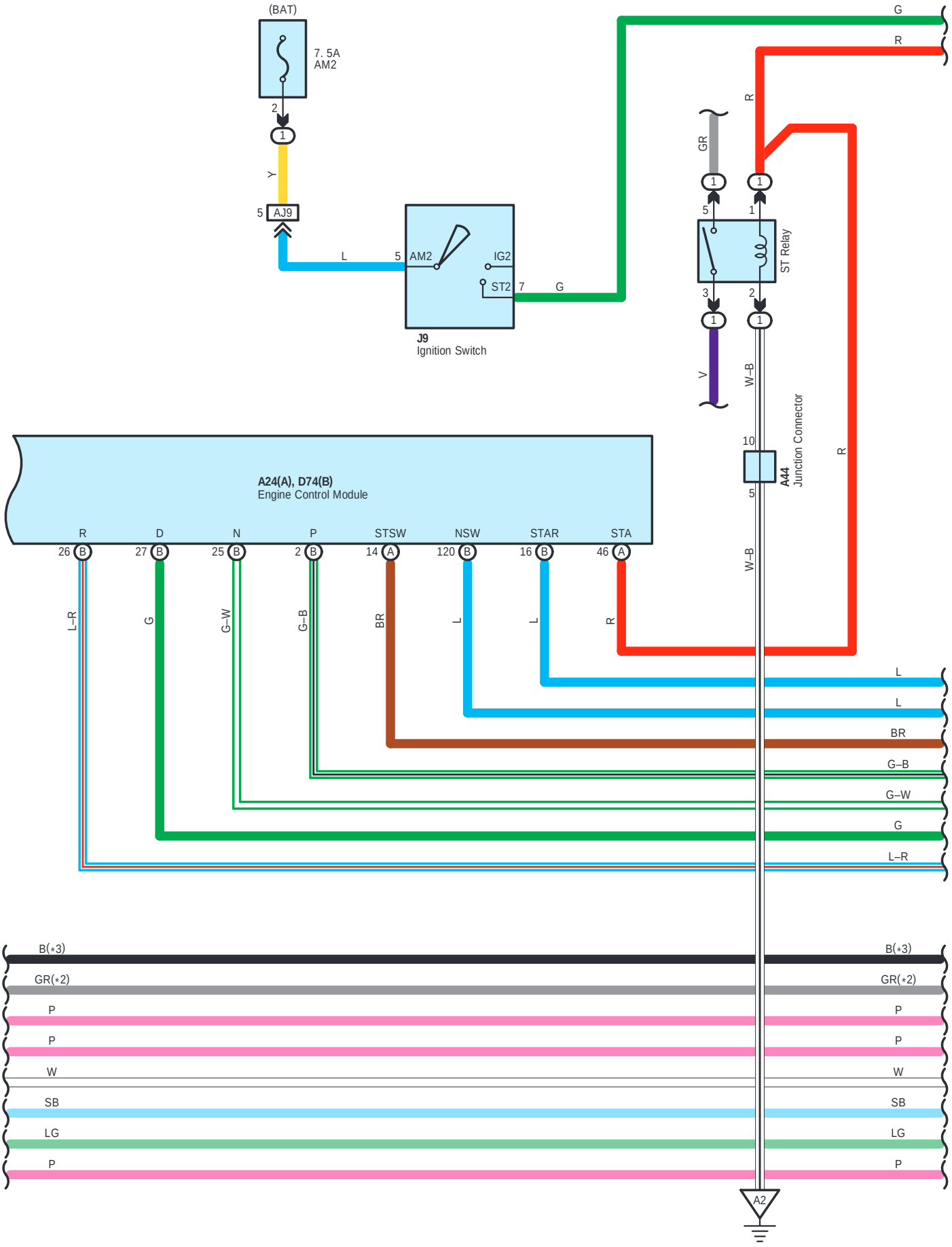


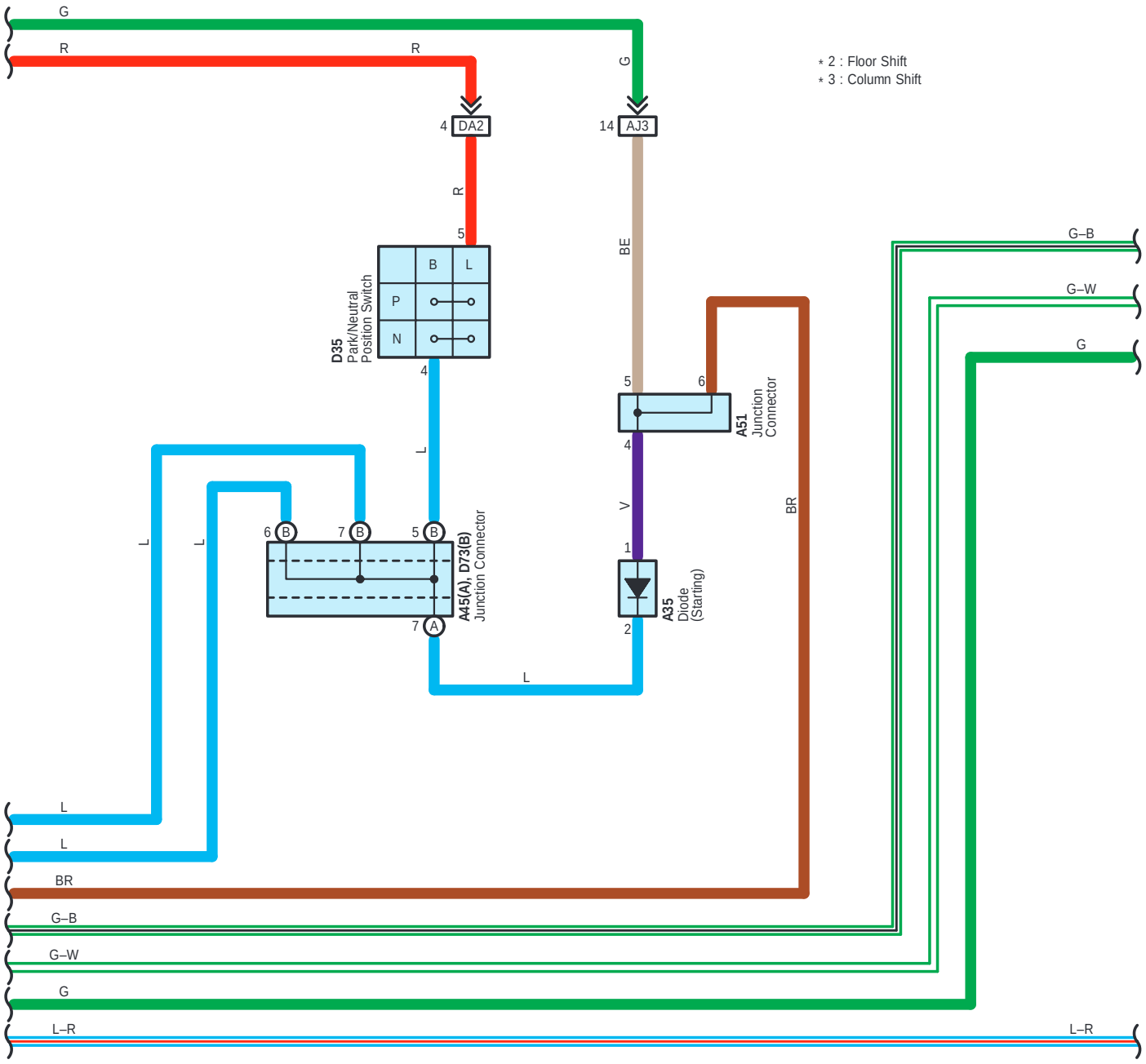

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
14
3
15
4
W
R
J74
Junction Connector
J75
Junction Connector
1
12
8
19
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P


A24(A), D74(B)
Engine Control Module
TC
TACH
16
A
15
A
V
GR
9
AJ4
15
AJ3
J75
Junction Connector
4
15
2
13
SB
W
V
W
B
2
J65
Junction Connector
1
SB
BR
6
14
13
9
CANH
CANL
TC
TAC
J17
DLC3
W
SB
LG
LG
P
P

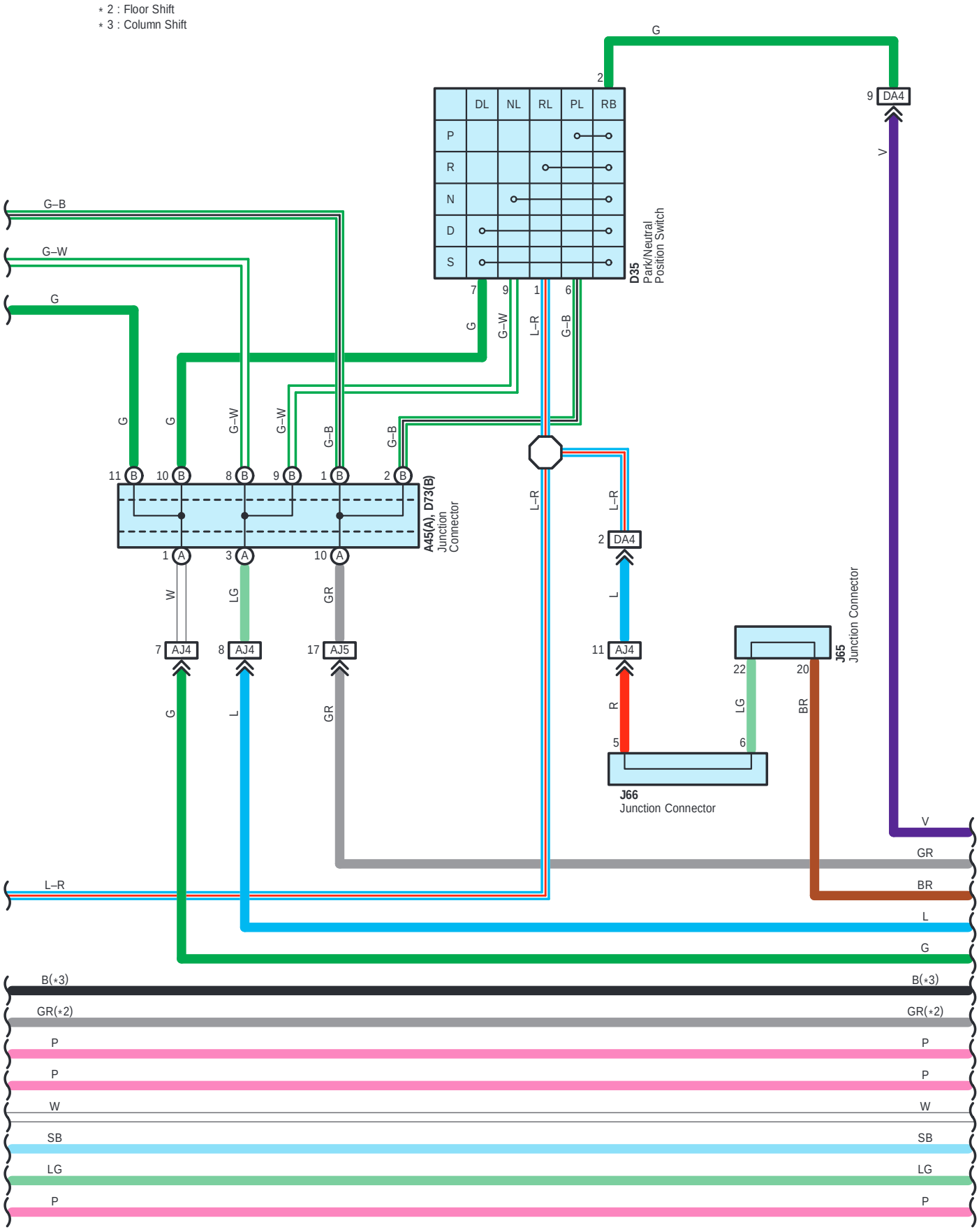
* 2 : Floor Shift
* 3 : Column Shift

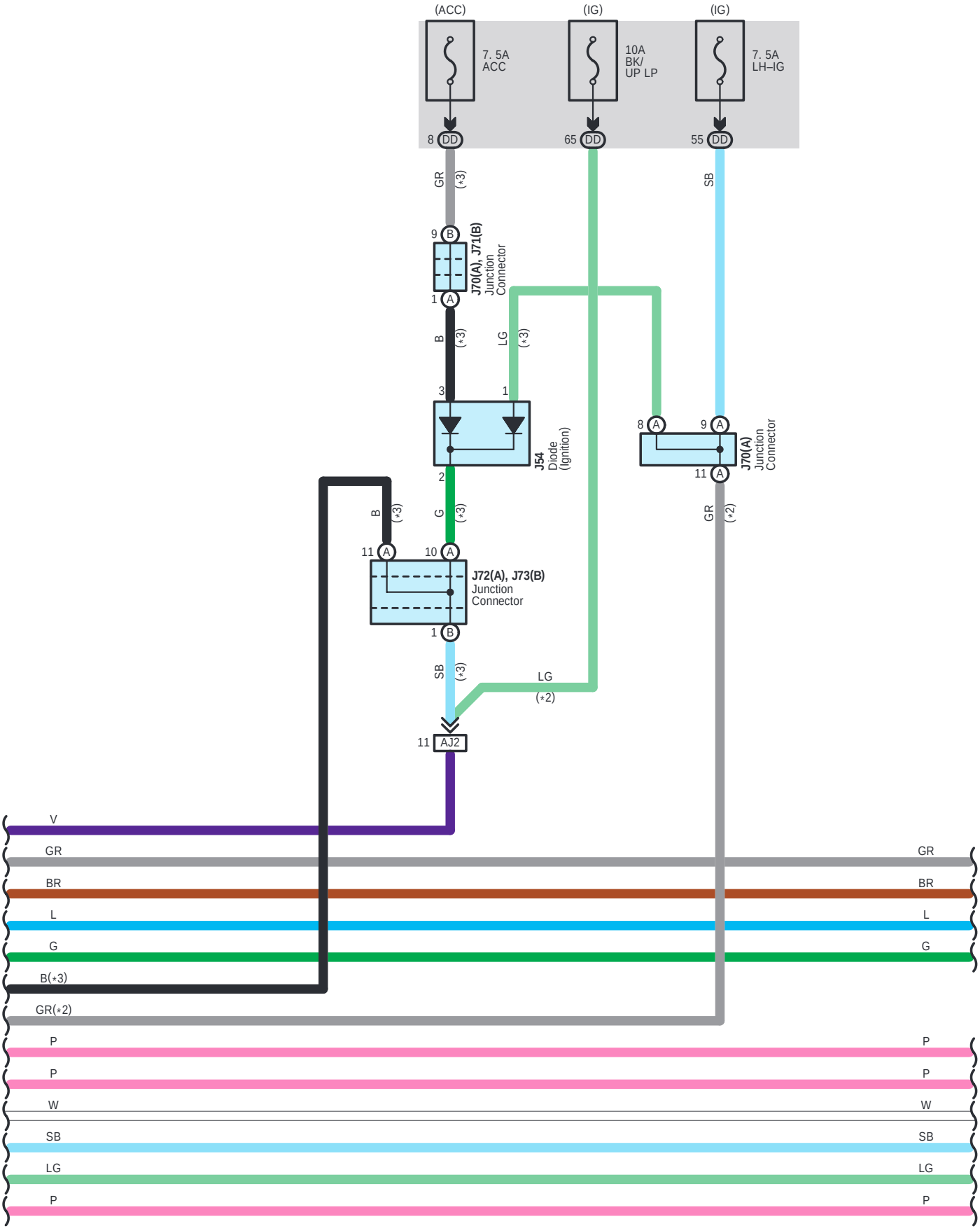


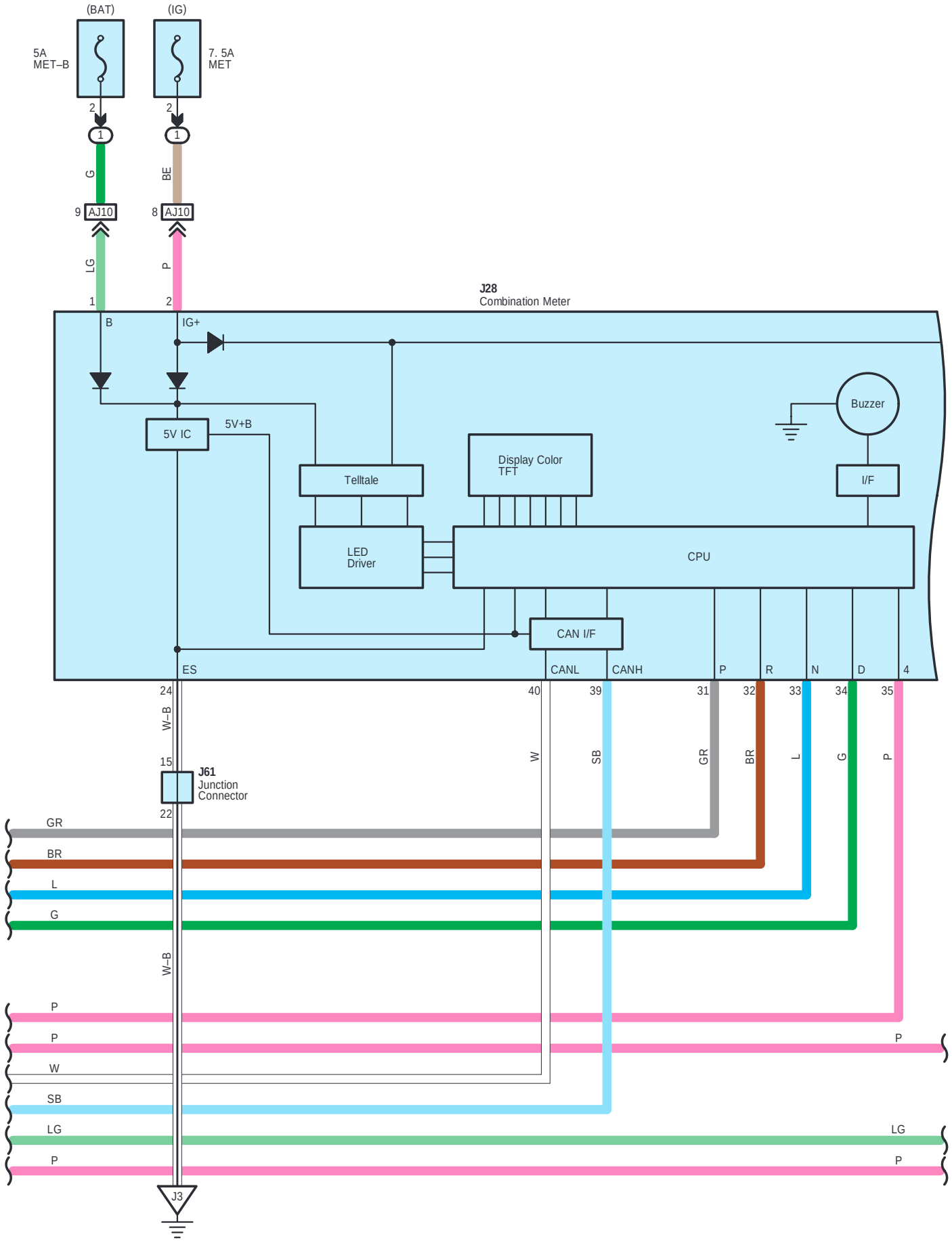

(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P
A2

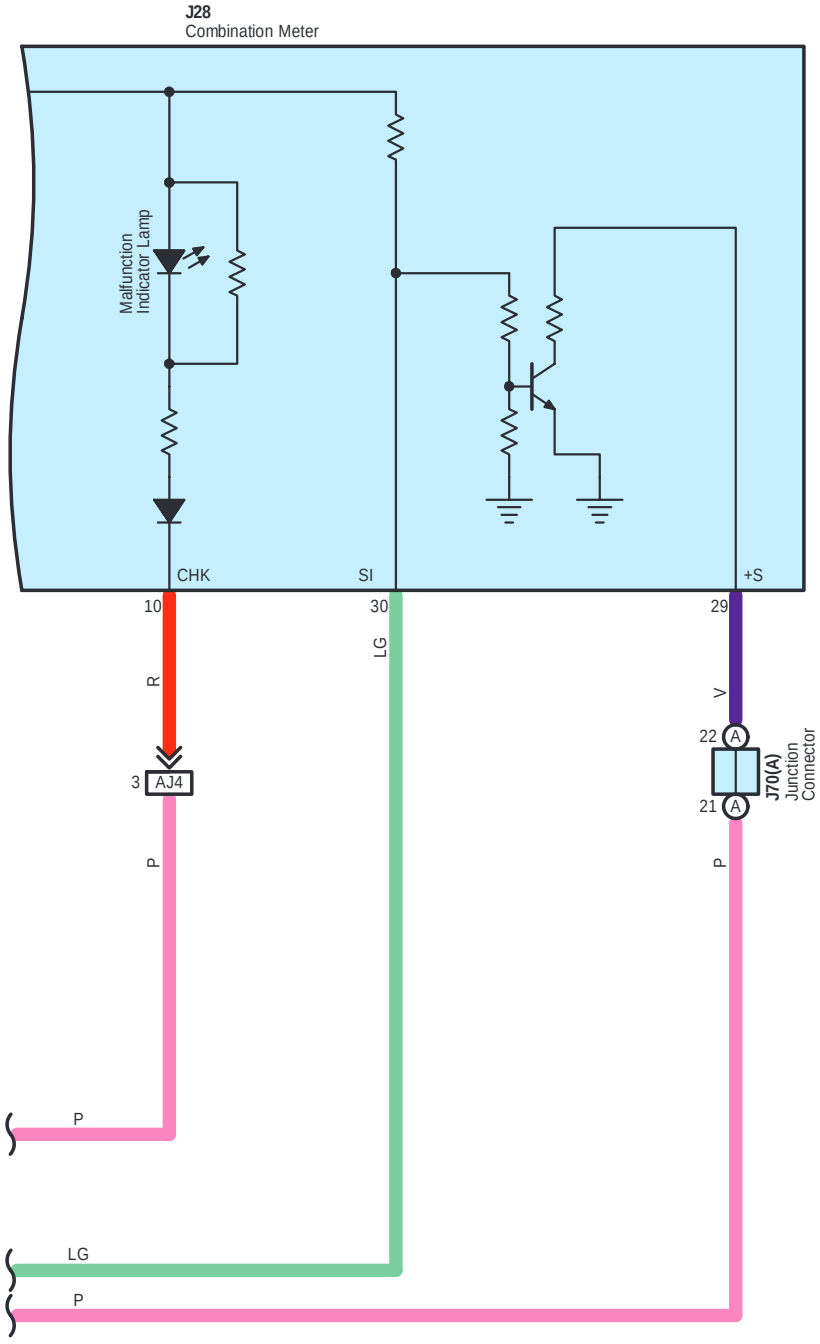

G
R
R
G
* 2 : Floor Shift
* 3 : Column Shift
4 DA2
14 AJ3
R
BE
5
B L
P
N
D35 Park/Neutral Position Switch
4
L
5 6
A51 Junction Connector
4
V
1
2
A35 Diode (Starting)
BR
G–B
G–W
G
6 B 7 B 5 B
7 A
A45(A), D73(B) Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R


B(*3)
B(*3)
GR(*2)
GR(*2)
P
P
P
P
W
W
SB
SB
LG
LG
P
P

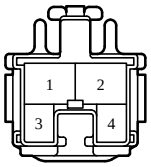

* 2 : Floor Shift
* 3 : Column Shift
G
2
9 DA4
V
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction Connector
22 20
LG BR
6
J65
Junction Connector
V
GR
BR
L
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P


(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
B (*3)
G (*3)
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
SB (*3)
LG
(*2)
11 AJ2
V
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

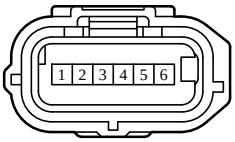

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
A
21
A
J70(A)
Junction Connector
P
P
P
LG
P

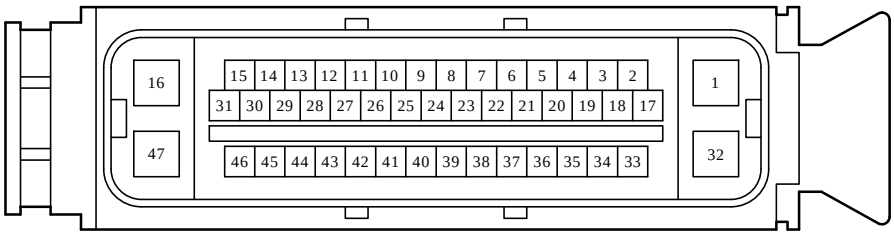
A 4
White



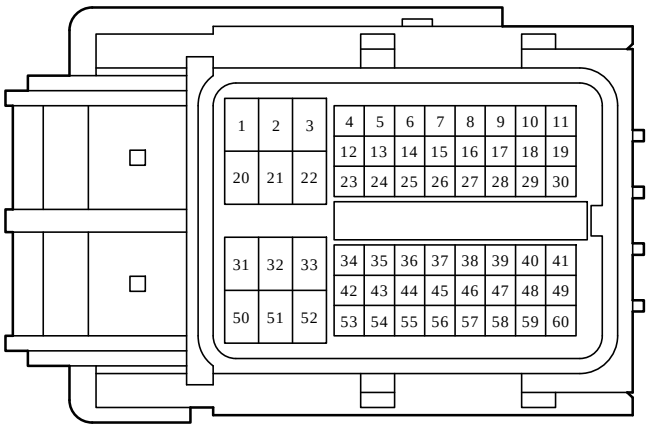
A 14
Black



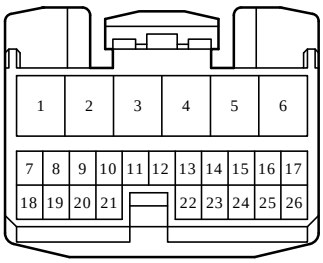
A 17
Black



A 24
Black



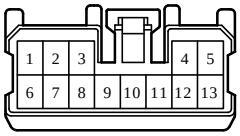
A 26
White



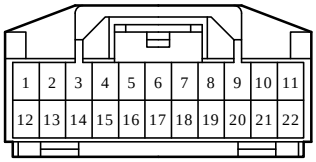
A 35
Black



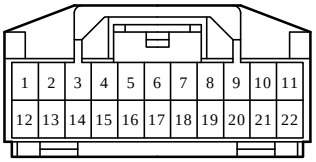
A 44
White



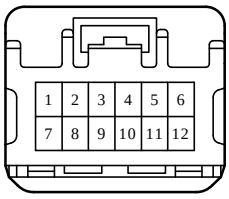
A 45
Blue



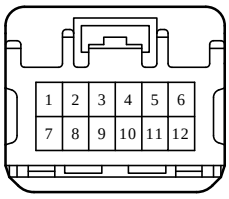
A 49
White



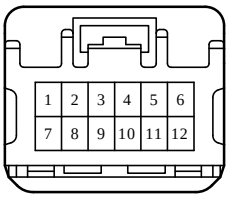
A 50
White



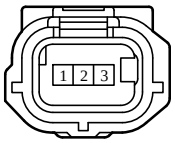
A 51
Black



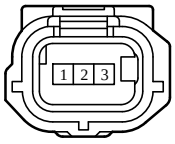
A 52
White



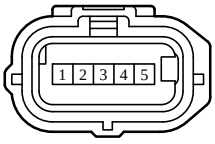
D 3
Black



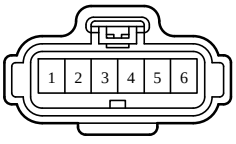
D 6
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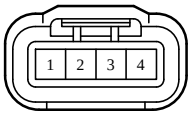
D 7
Black



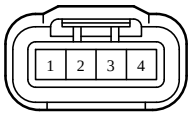
D 9
Black



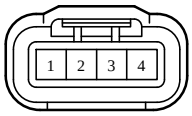
D 10
Black



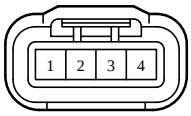
D 12
Black



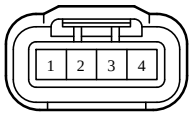
D 14
Black



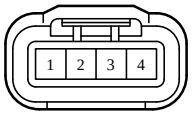
D 16
Black



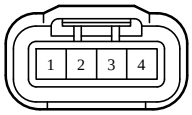
D 19
Black



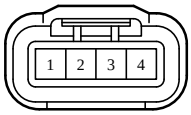
D 21
Black



D 23
Black



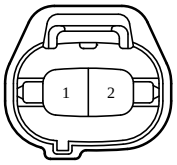
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



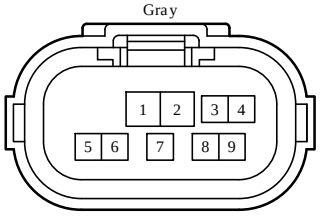
D 33
Dark Gray



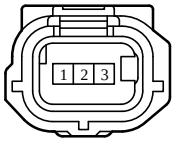
D 34
Dark Gray



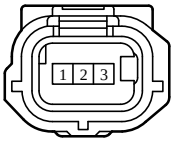
D 35
Gray



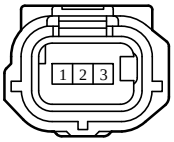
D 37
Black



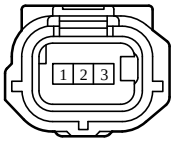
D 39
Black



D 40
Black



D 41
Black



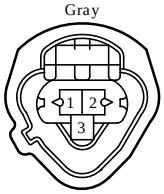
D 44
Black



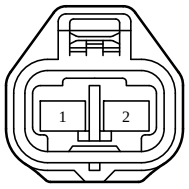
D 45
Black



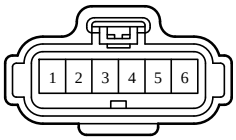
D 46
Gray



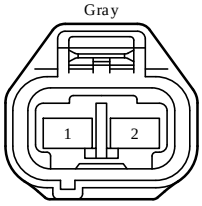
D 48
Black



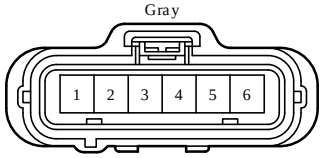
D 50
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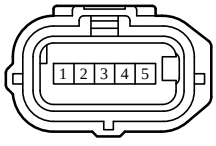
D 52
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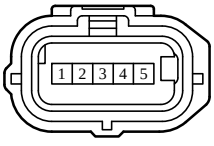
D 54
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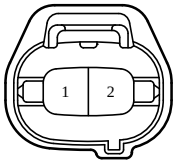
D 58
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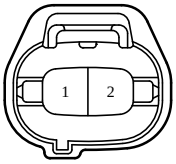
D 59
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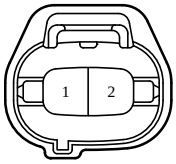
D 62
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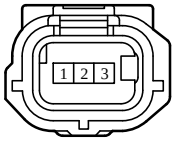
D 65
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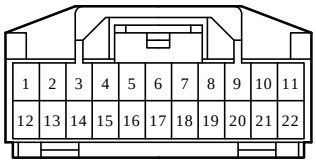
D 66
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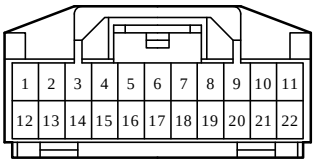
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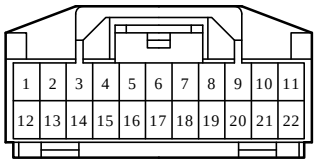
D 71
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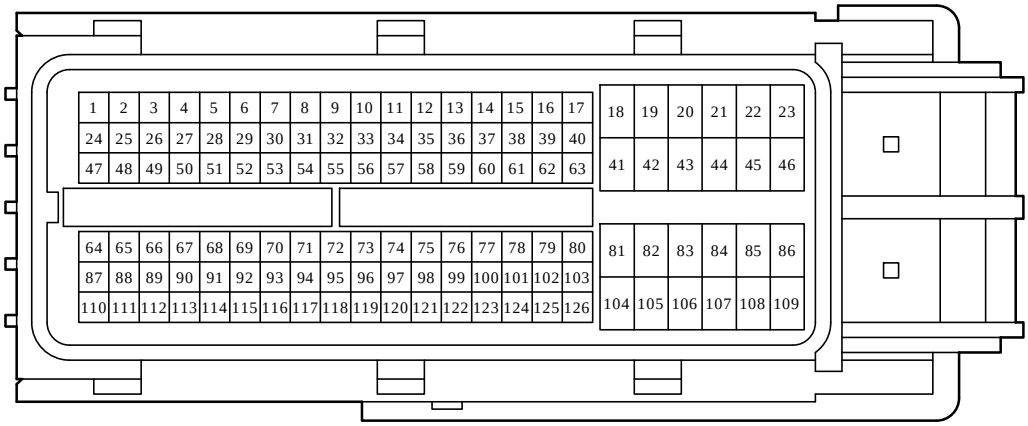
D 72
White



D 73
Blue



D 74
Black



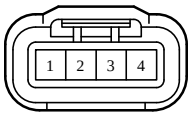
D 75
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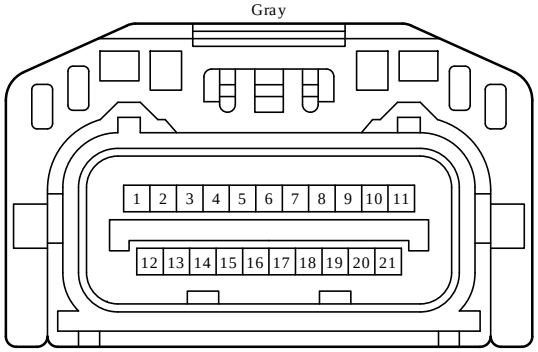
D 76
Black



D 80
Black



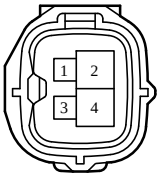
D 83
Gray



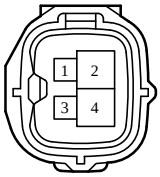
D 85
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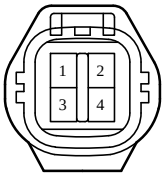
D 89
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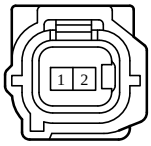
D 90
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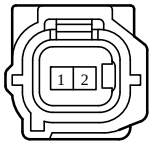
E 9
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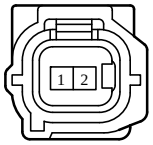
F 1
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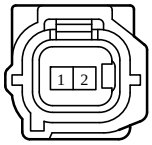
F 2
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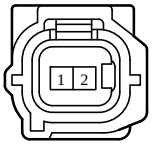
F 3
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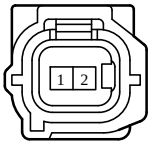
F 4
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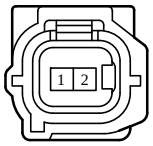
H 1
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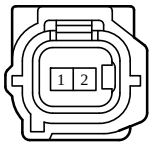
H 2
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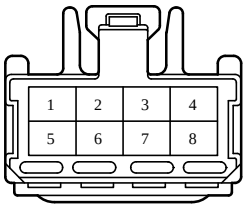
H 3
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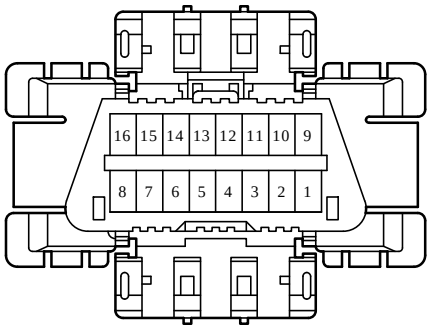
H 4
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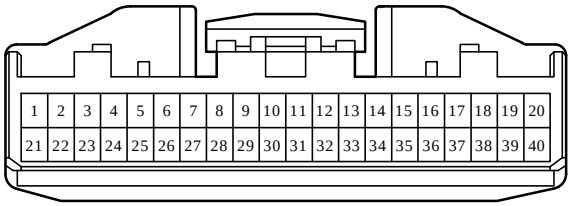
J 9
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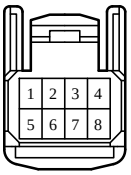
J 17
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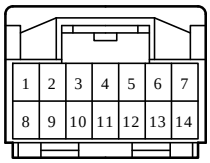
J 19
White



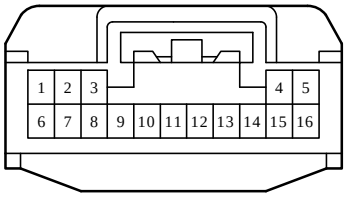
J 24
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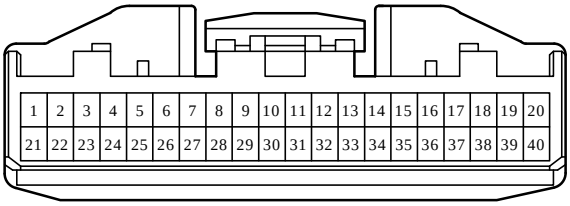
J 25
White



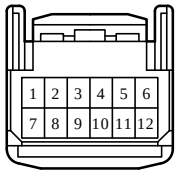
J 26
White



J 28
Black



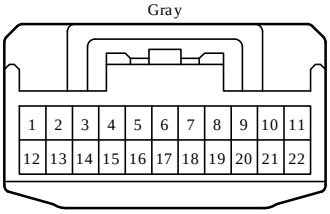
J 45
Black



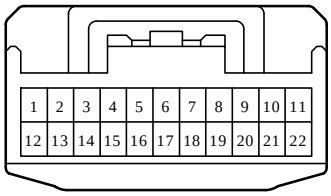
J 54
Orange



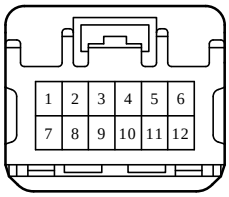
J 61
Gray



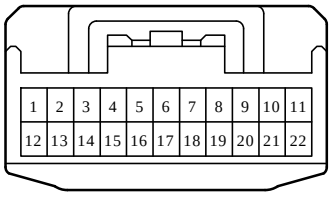
J 65
White



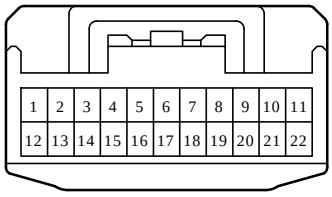
J 66
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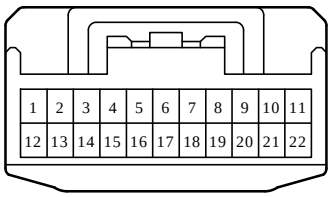
J 70
Blue



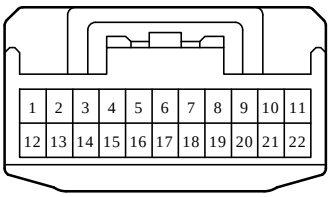
J 71
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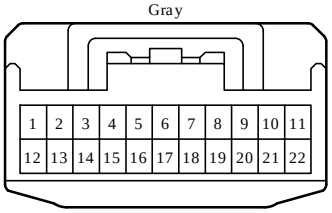
J 72
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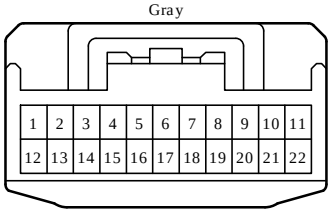
J 73
Black



J 74
Gray



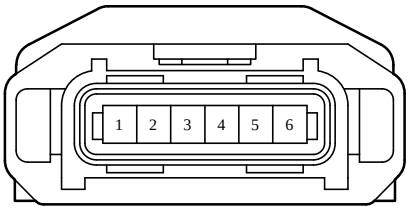
J 75
Gray



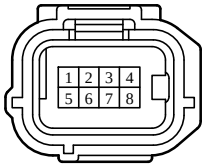
R 6
White



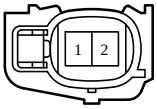
R 11
Black



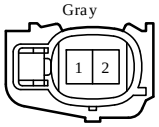
R 12
Black



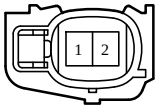
a 3
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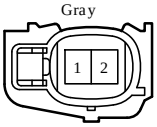
a 4
Gray



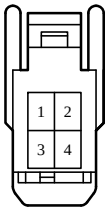
a 5
Black



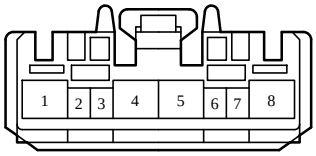
a 6
Gray



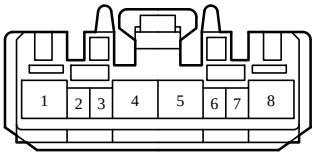
z 2
White



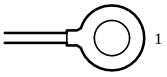
1A
White



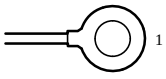
1B
White



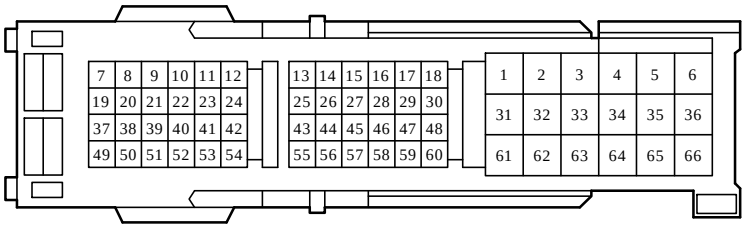
1G



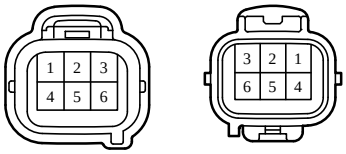
1H



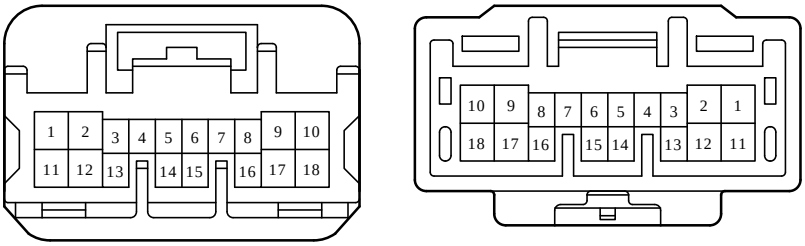
DD
White



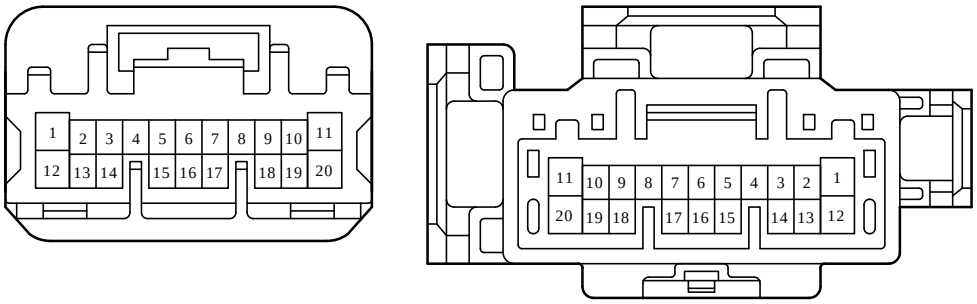
AE1
Gray



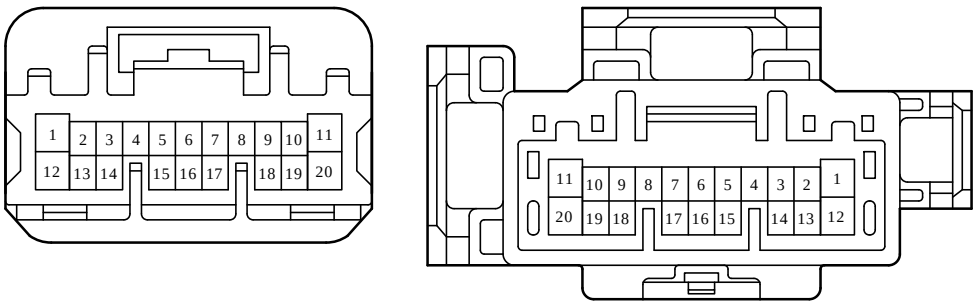
AJ2
Gray



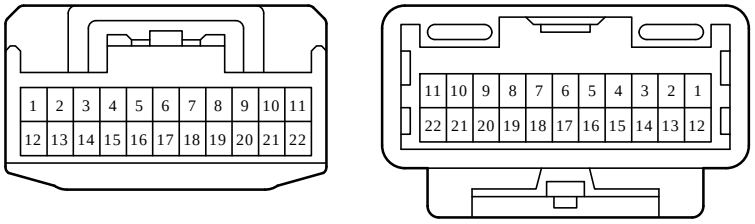
AJ3
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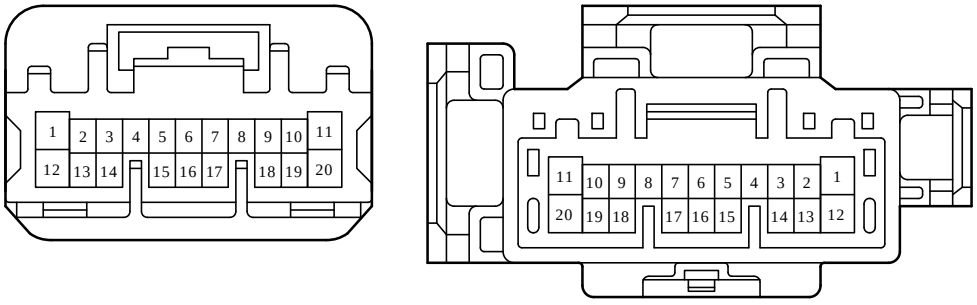
AJ4
White



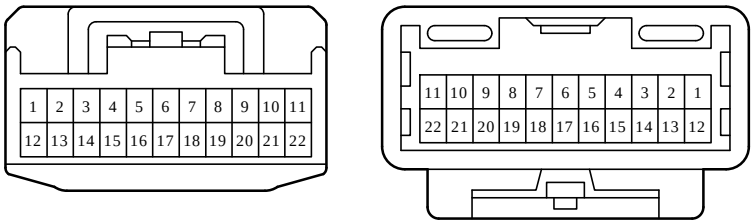
AJ5
Gray



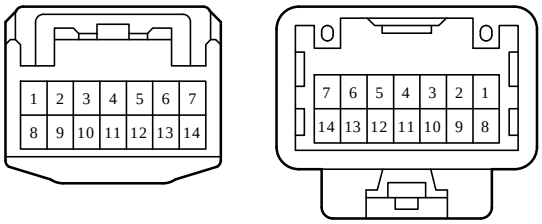
AJ9
White



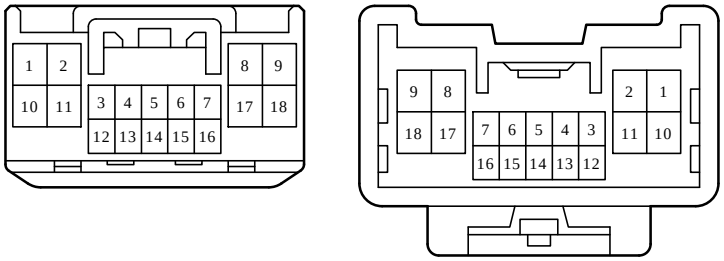
AJ10
Gray



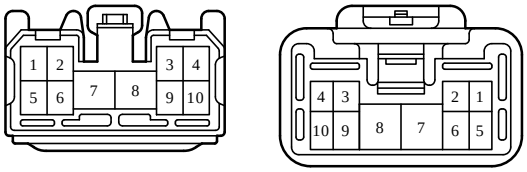
DA1
Black



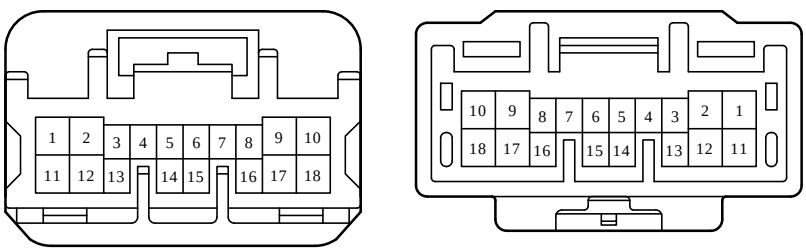
DA2
White



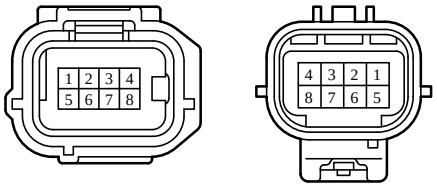
DA3
White



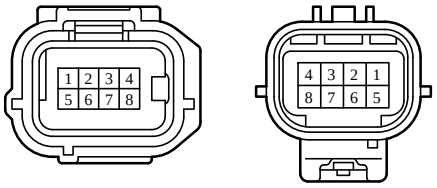
DA4
Gray



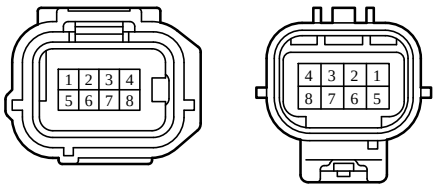
DF1
Gray



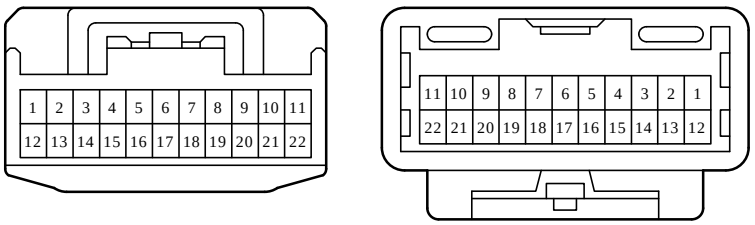
DH1
Gray



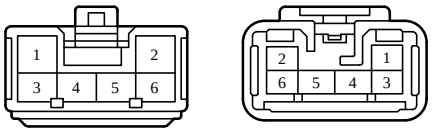
Da1
Gray

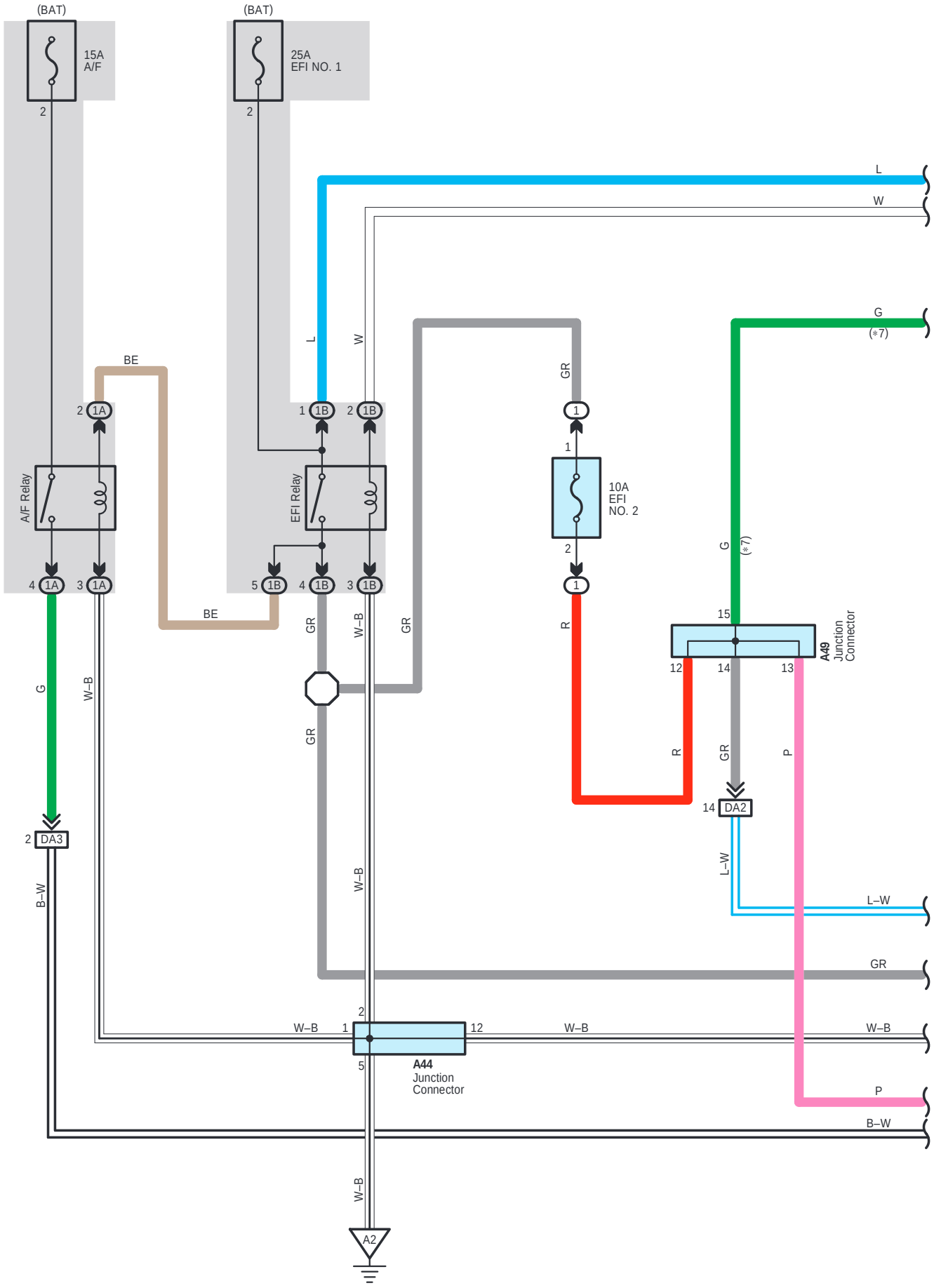


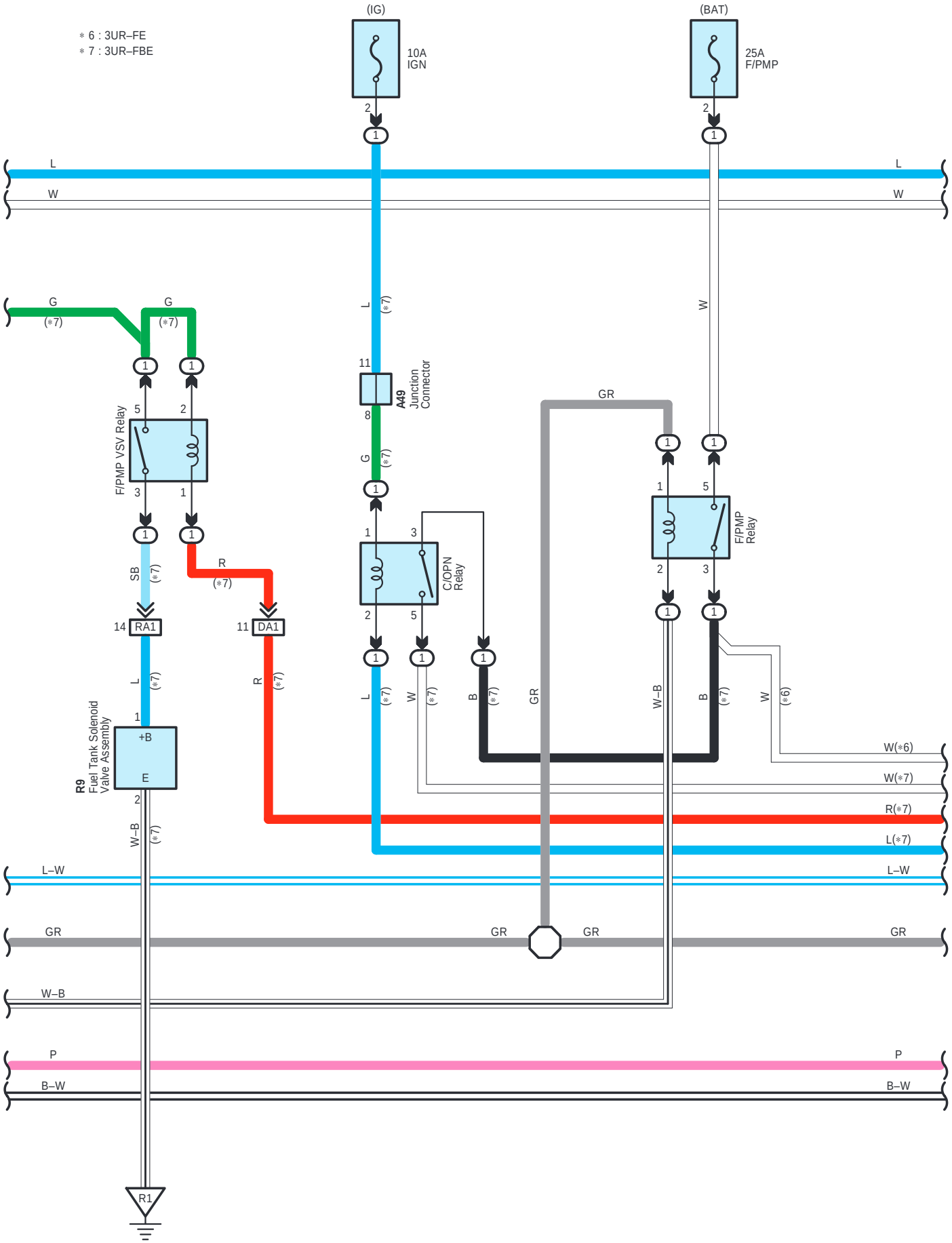
RA1
Black

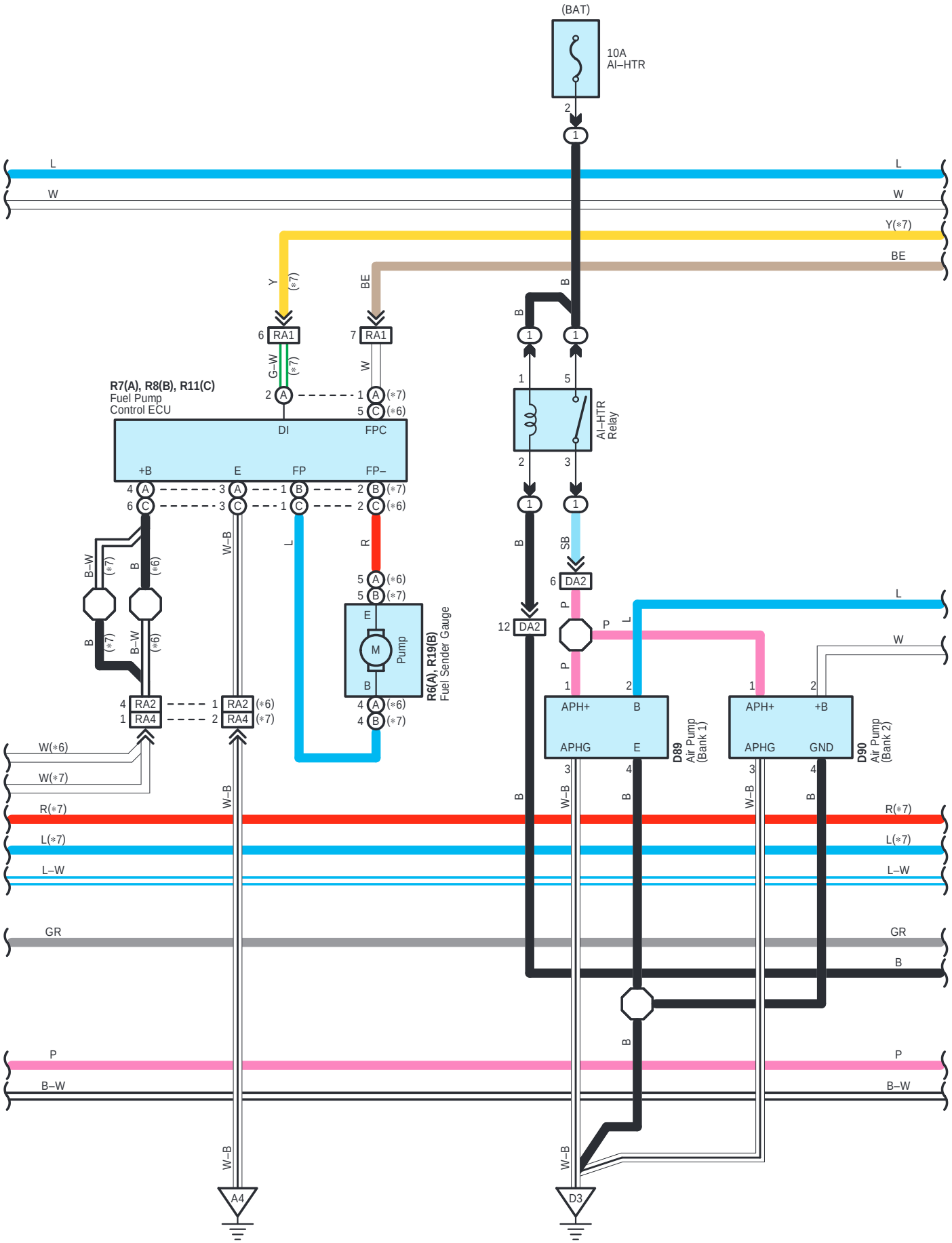


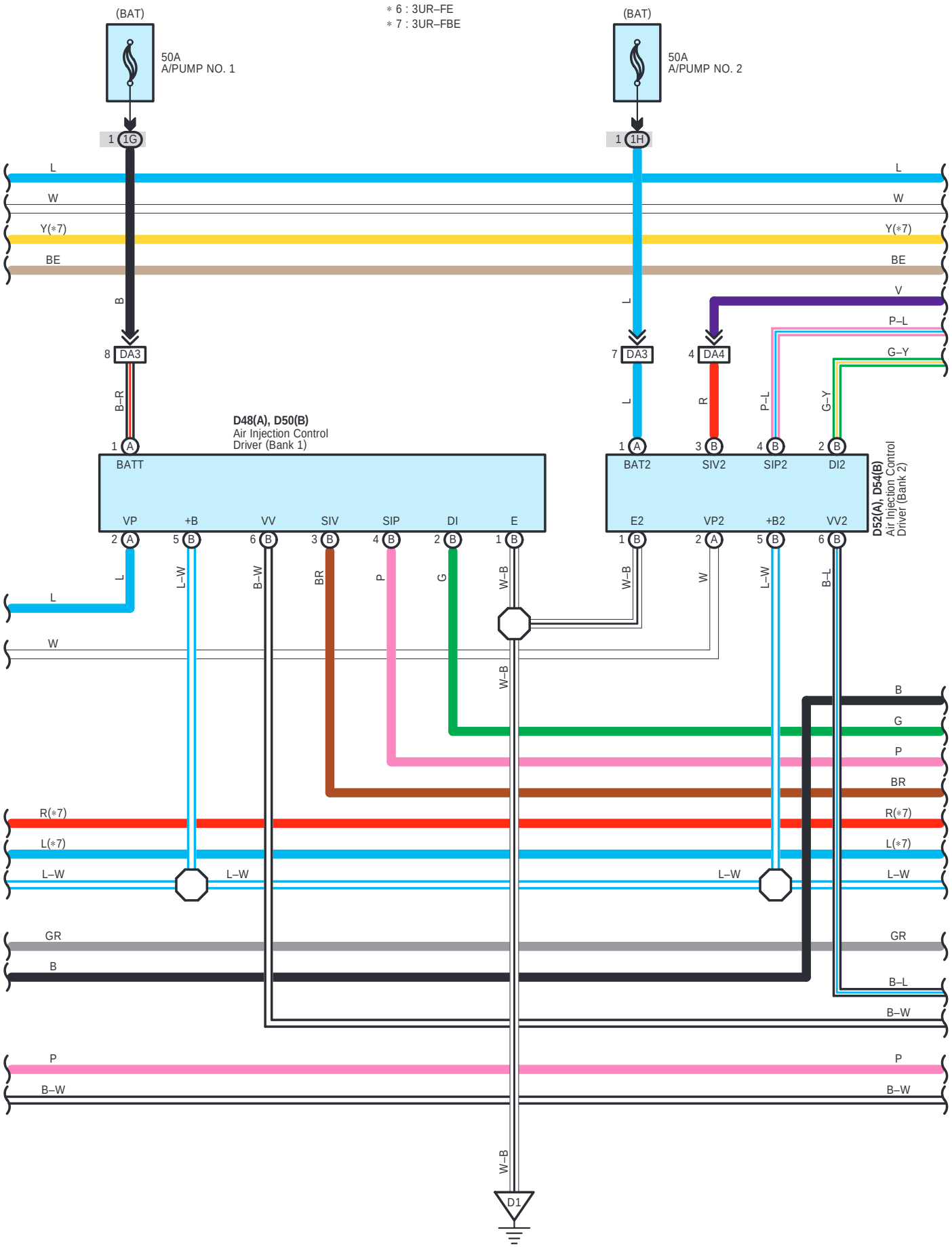
RA2
White

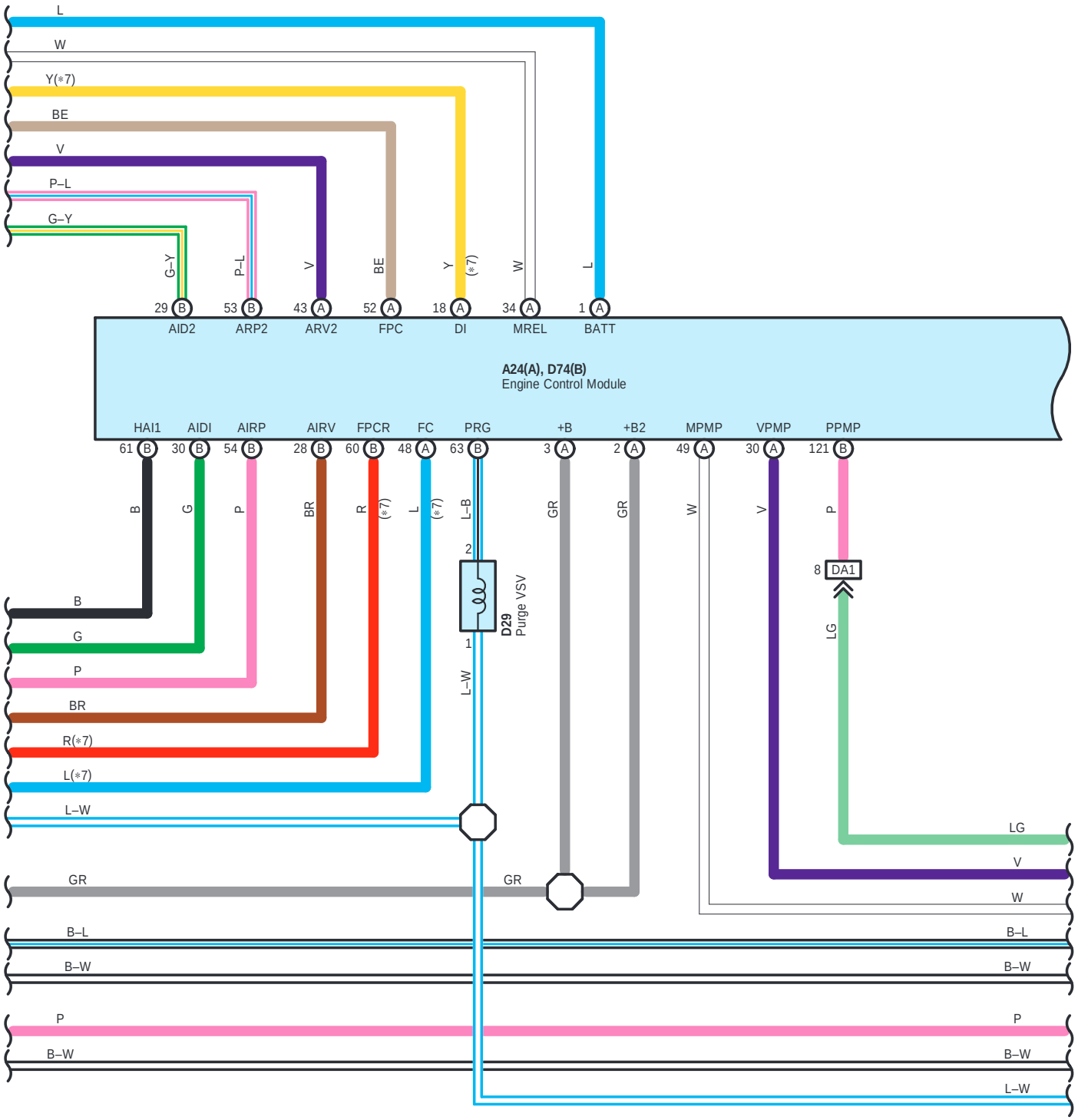


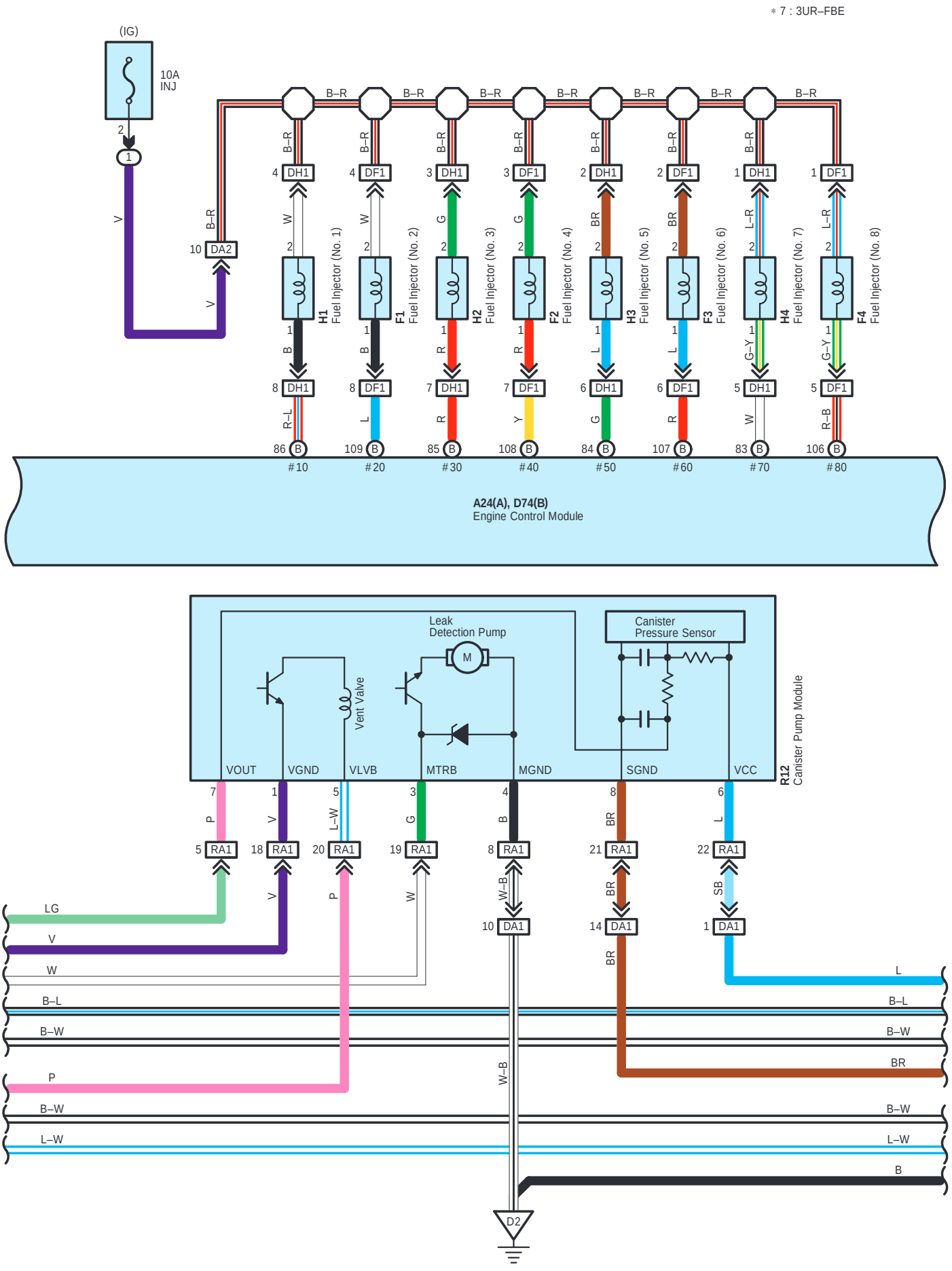

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
L
W
G
(*7)
BE
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
BE
GR
1
1
10A
EFI
NO. 2
2
1
R
G
(*7)
15
A49
Junction
Connector
12
14
13
G
W–B
GR
W–B
GR
R
GR
P
2 DA3
14 DA2
B–W
L–W
L–W
GR
2
W–B
1
12
W–B
W–B
5
A44
Junction
Connector
P
B–W
W–B
A2

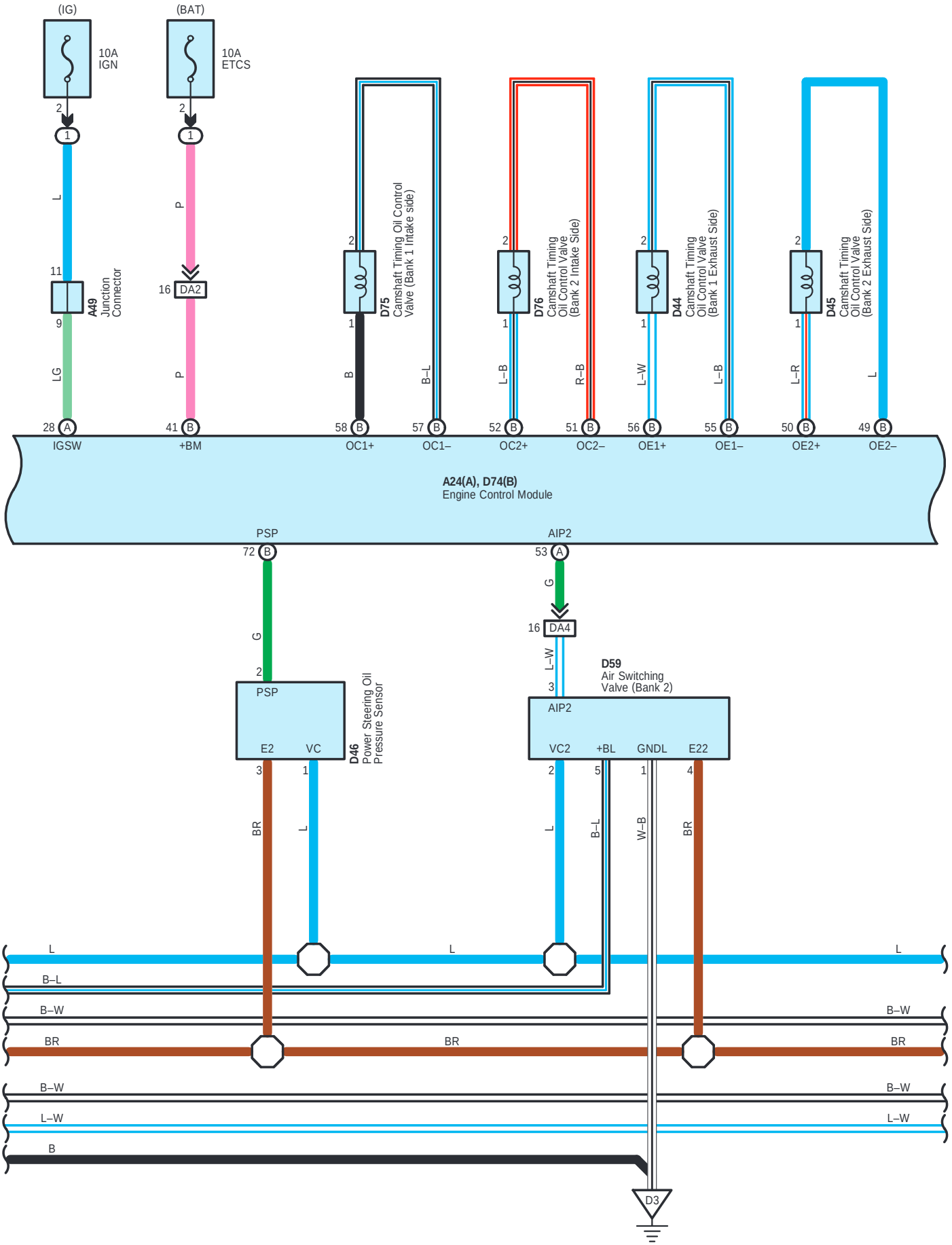

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(IG)
10A
IGN
(BAT)
25A
F/PMP
L
W
G
(∗7)
F/PMP VSV Relay
A49
Junction
Connector
C/OPN
Relay
F/PMP
Relay
SB
R
RA1
DA1
R9
Fuel Tank Solenoid
Valve Assembly
+B
E
W–B
B
GR
W(∗6)
W(∗7)
R(∗7)
L(∗7)
L–W
P
B–W
R1

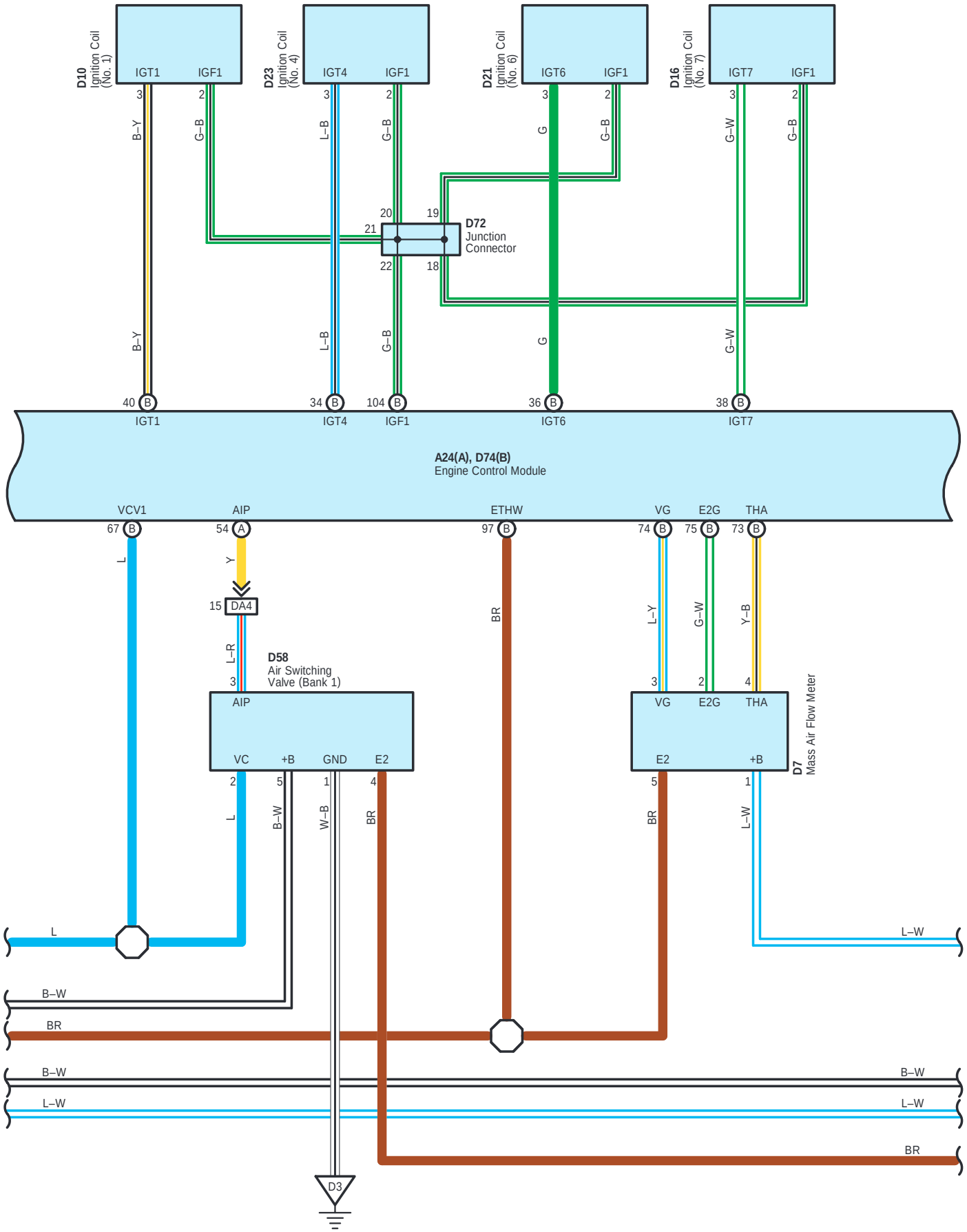

(BAT)
10A
AI–HTR
L
W
Y(*7)
BE
R7(A), R8(B), R11(C)
Fuel Pump
Control ECU
DI
FPC
+B
E
FP
FP–
AI–HTR
Relay
R6(A), R19(B)
Fuel Sender Gauge
Pump
D89
Air Pump
(Bank 1)
D90
Air Pump
(Bank 2)
APH+
APHG
B
E
+B
GND
W(*6)
W(*7)
R(*7)
L(*7)
L–W
GR
P
B–W
W–B
A4
D3

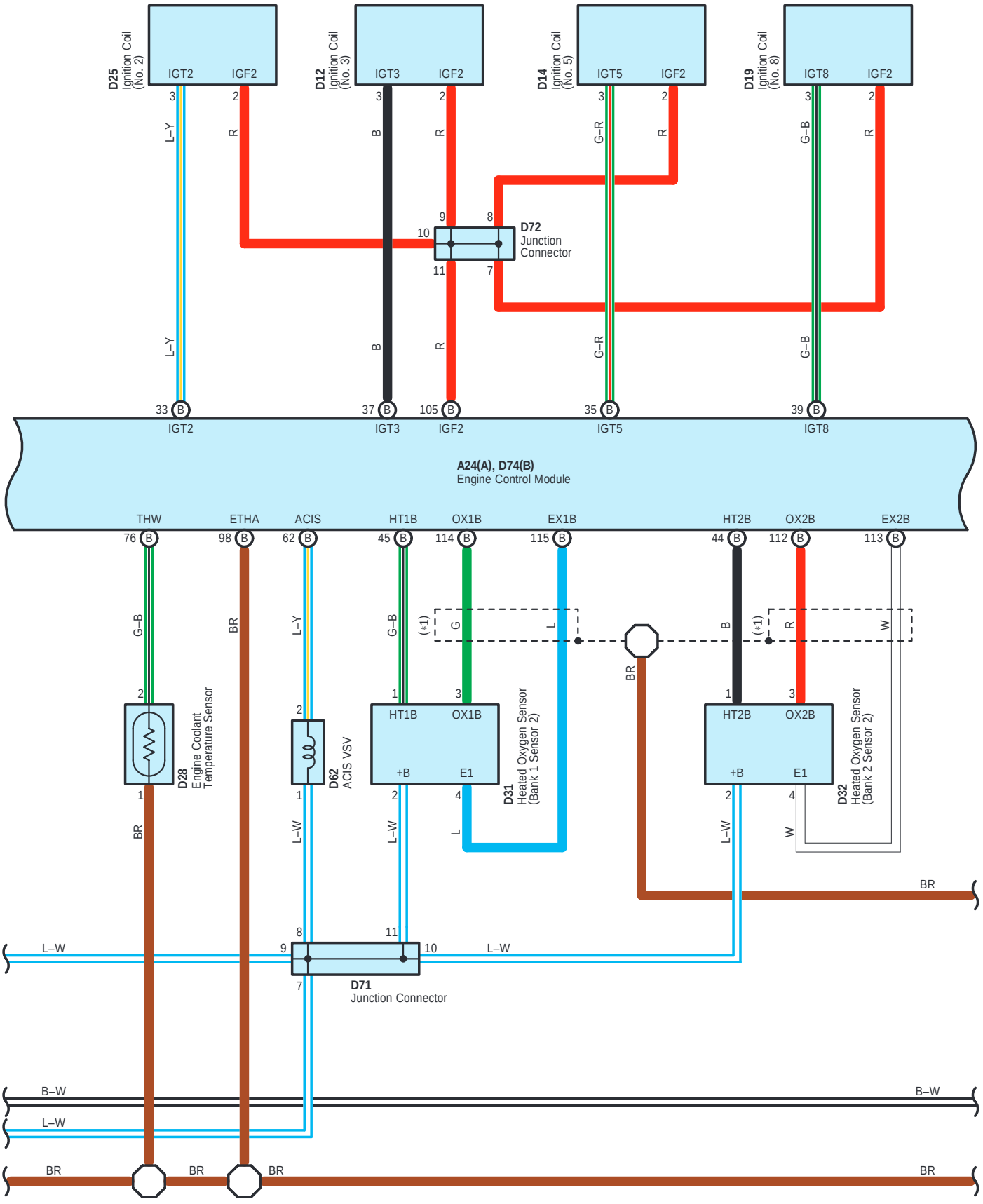

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(BAT)
50A
A/PUMP NO. 1
(BAT)
50A
A/PUMP NO. 2
1 1G
1 1H
L
W
Y(∗7)
BE
B
L
V
P–L
G–Y
8 DA3
7 DA3
4 DA4
B–R
L
R
P–L
G–Y
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
1 A BATT
1 A BAT2
3 B SIV2
4 B SIP2
2 B DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
VP +B VV SIV SIP DI E
2 A 5 B 6 B 3 B 4 B 2 B 1 B
E2 VP2 +B2 VV2
1 B 2 A 5 B 6 B
L
L–W
B–W
BR
P
G
W–B
W–B
W
L–W
B–L
L
W
W–B
B
G
P
BR
R(∗7)
L(∗7)
L–W
L–W
L–W
L–W
R(∗7)
L(∗7)
L–W
GR
B
GR
B–L
B–W
P
B–W
P
B–W
W–B
D1


L
W
Y(*7)
BE
V
P–L
G–Y
29 B AID2
53 B ARP2
43 A ARV2
52 A FPC
18 A DI
34 A MREL
1 A BATT
A24(A), D74(B)
Engine Control Module
HAI1 AIDI AIRP AIRV FPCR FC PRG +B +B2 MPMP VPMP PPMP
61 B
30 B
54 B
28 B
60 B
48 A
63 B
3 A
2 A
49 A
30 A
121 B
B
G
P
BR
R(*7)
L(*7)
L–W
GR
B–L
B–W
P
B–W
2
1
D29
Purge VSV
8 DA1
LG
V
W
GR
B–L
B–W
P
B–W
L–W

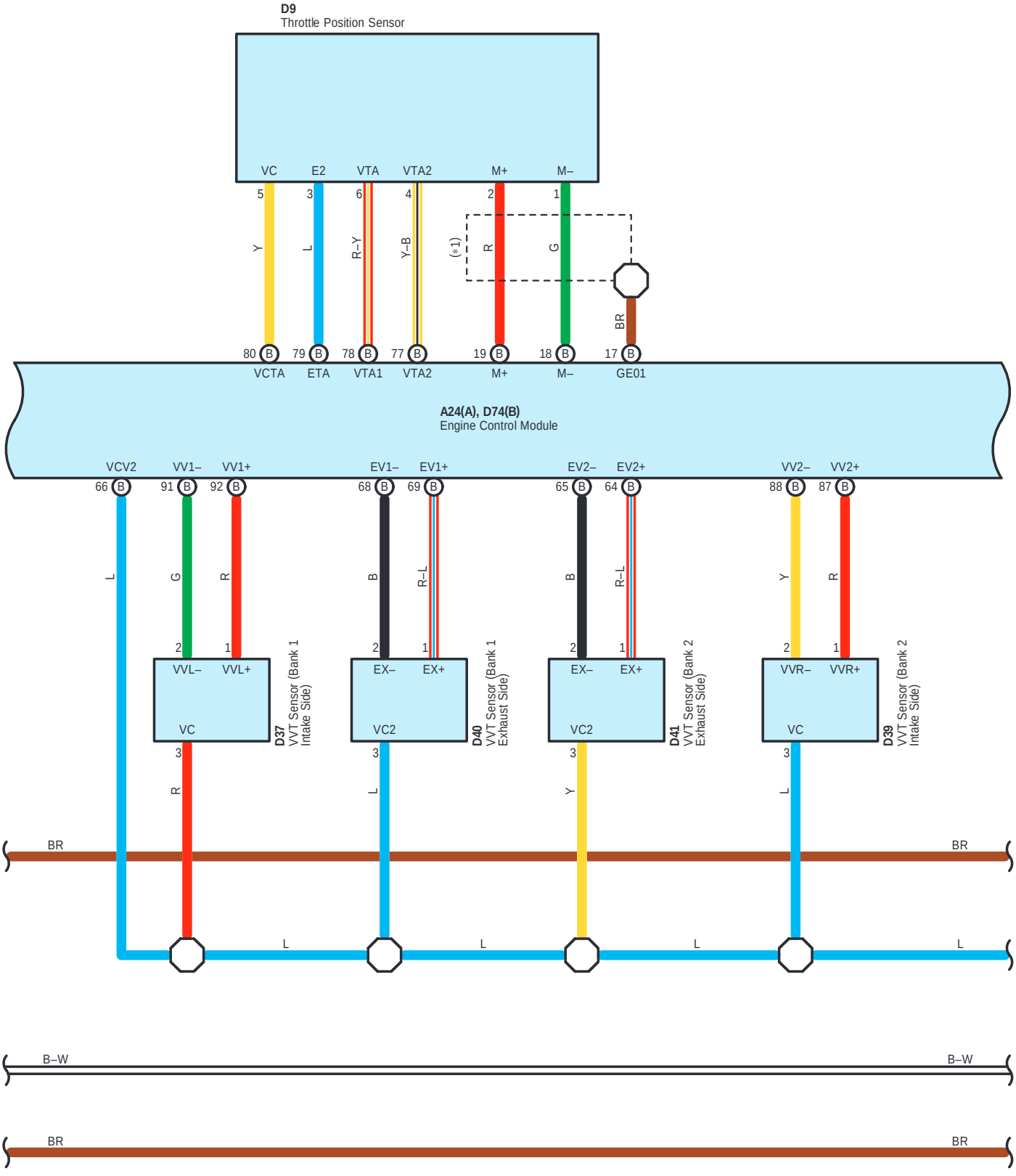

* 7 : 3UR–FBE
(IG)
10A
INJ
A24(A), D74(B)
Engine Control Module
H1 Fuel Injector (No. 1)
F1 Fuel Injector (No. 2)
H2 Fuel Injector (No. 3)
F2 Fuel Injector (No. 4)
H3 Fuel Injector (No. 5)
F3 Fuel Injector (No. 6)
H4 Fuel Injector (No. 7)
F4 Fuel Injector (No. 8)
Leak
Detection Pump
Vent Valve
Canister
Pressure Sensor
R12
Canister Pump Module
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
LG
V
W
B–L
B–W
P
L–W
BR
B
W–B
SB
D2

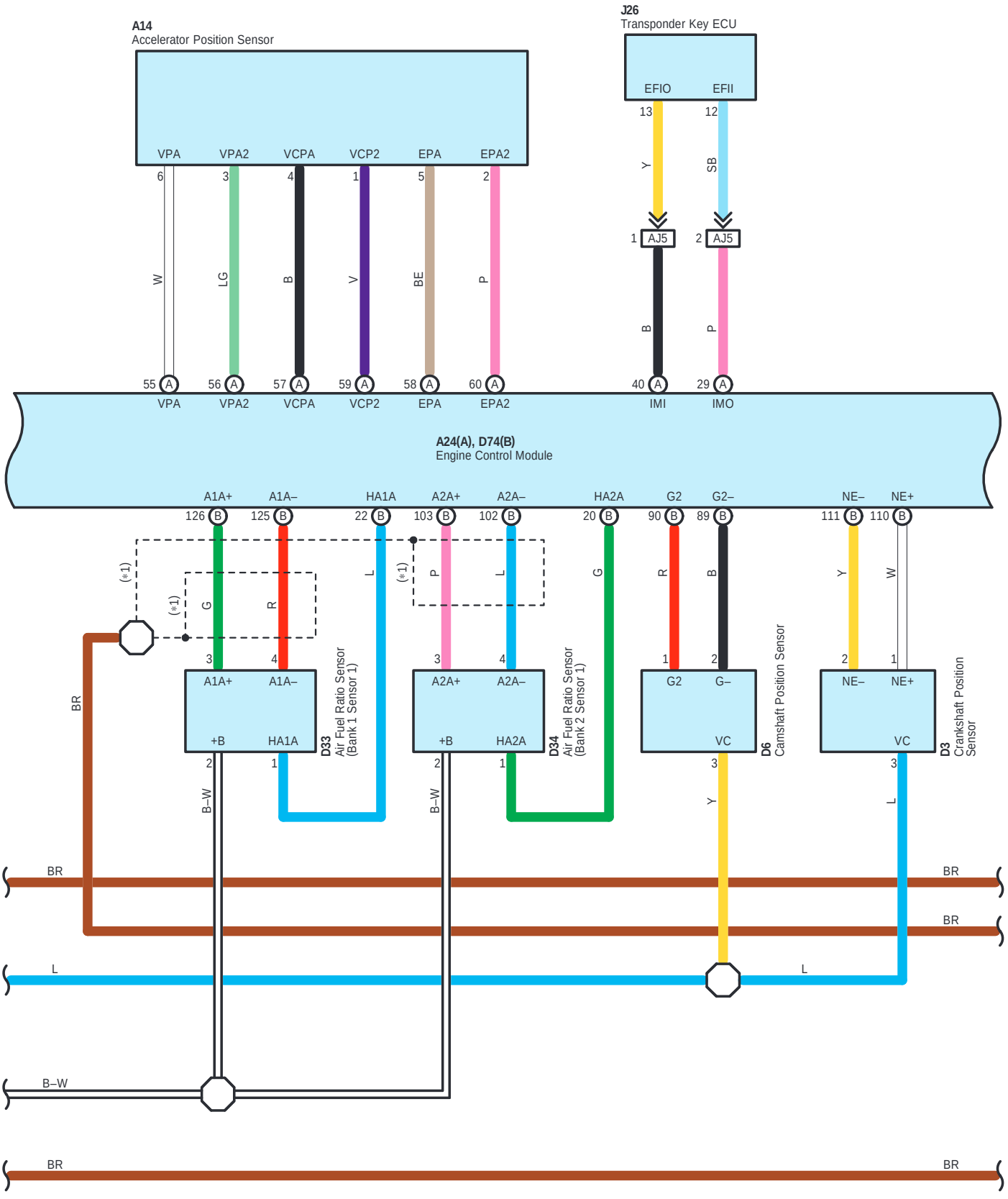

(IG)
10A
IGN
(BAT)
10A
ETCS
A49
Junction
Connector
DA2
D75
Camshaft Timing Oil Control
Valve (Bank 1 Intake side)
D76
Camshaft Timing
Oil Control Valve
(Bank 2 Intake Side)
D44
Camshaft Timing
Oil Control Valve
(Bank 1 Exhaust Side)
D45
Camshaft Timing
Oil Control Valve
(Bank 2 Exhaust Side)
IGSW
+BM
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
A24(A), D74(B)
Engine Control Module
PSP
AIP2
DA4
D59
Air Switching
Valve (Bank 2)
D46
Power Steering Oil
Pressure Sensor
E2
VC
VC2
+BL
GNDL
E22
D3

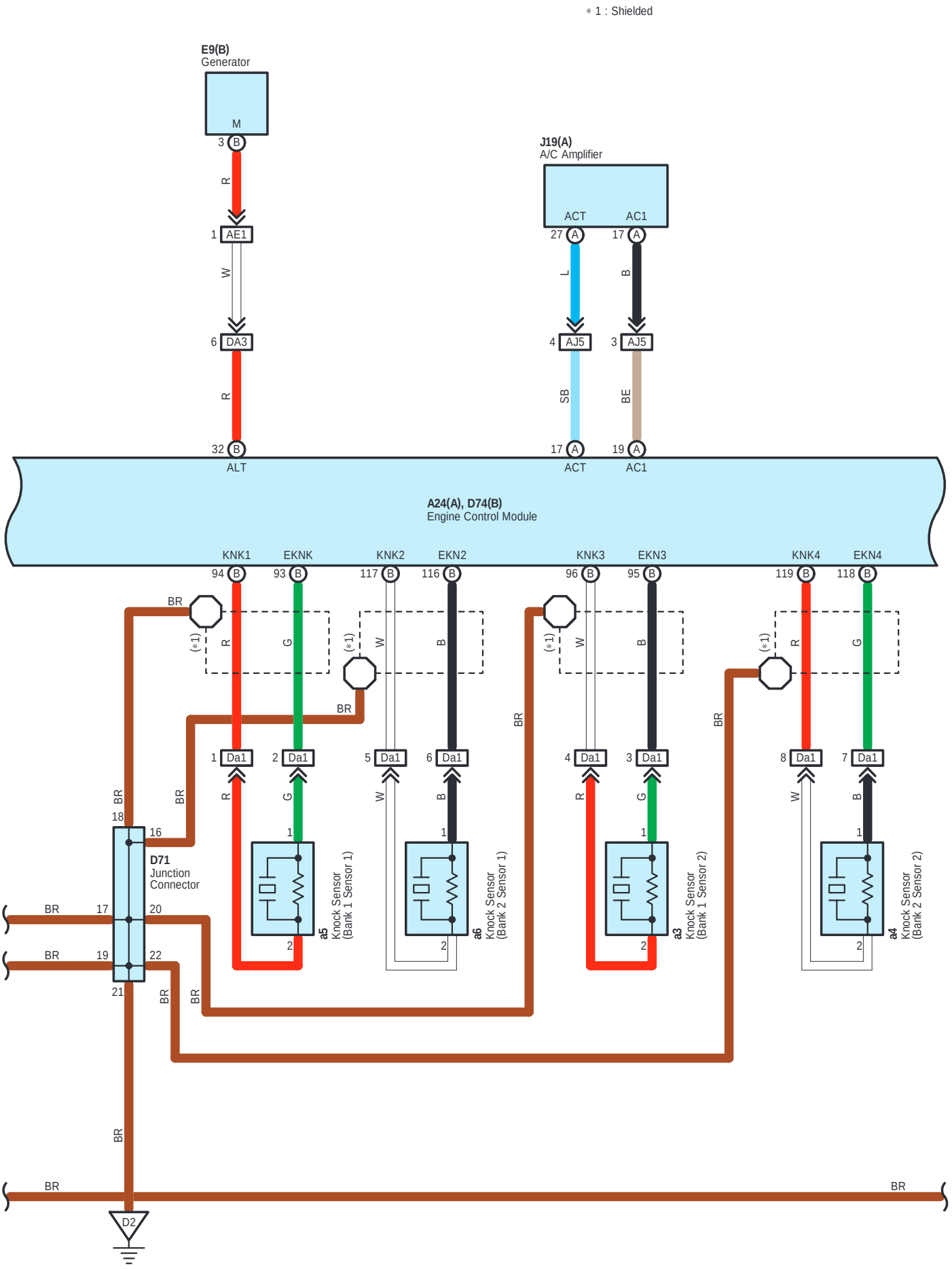

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
D72 Junction Connector
A24(A), D74(B) Engine Control Module
IGT1
IGT4
IGF1
IGT6
IGT7
VCV1
AIP
ETHW
VG
E2G
THA
D58 Air Switching Valve (Bank 1)
DA4
VC
+B
GND
E2
D7 Mass Air Flow Meter
D3

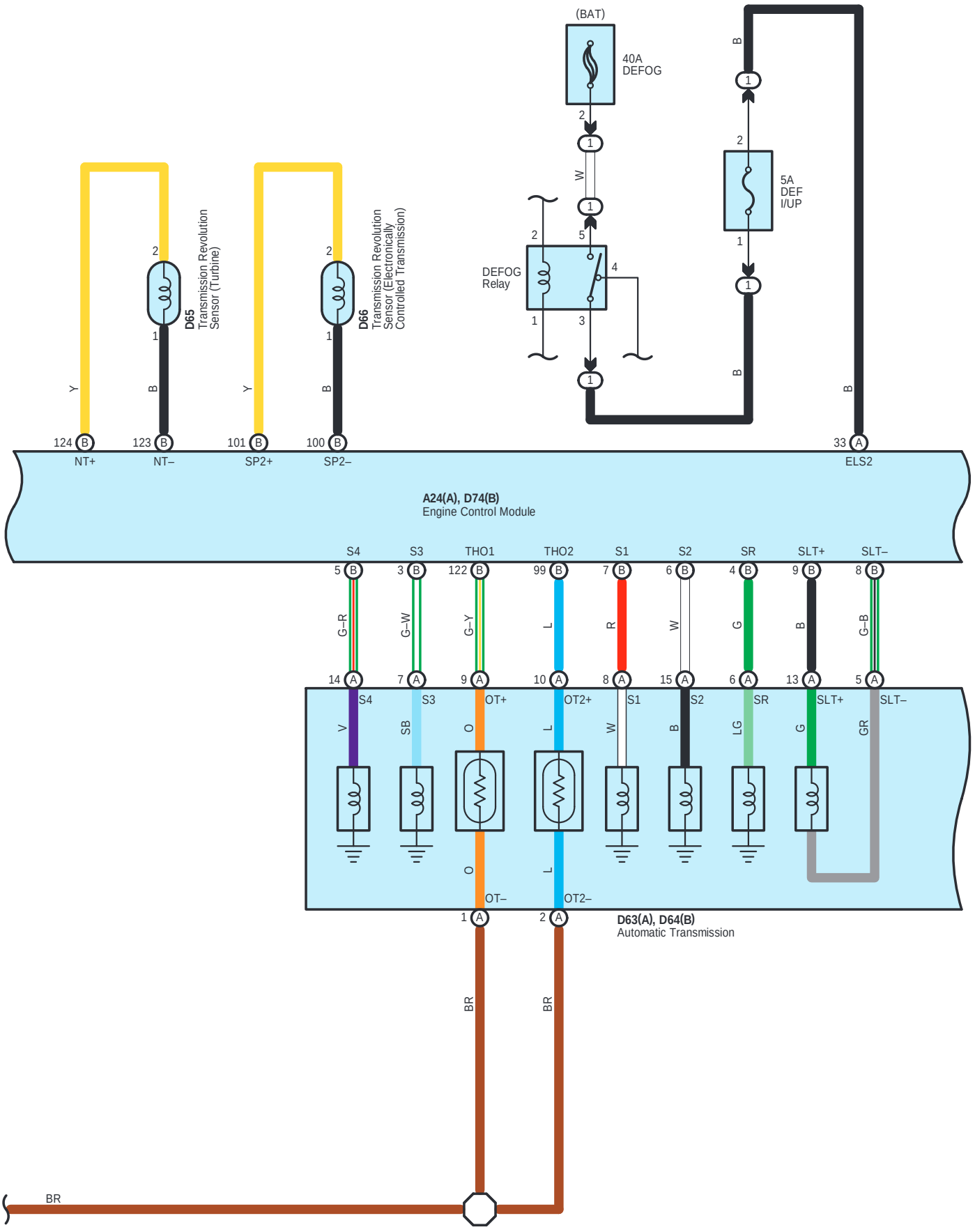

D25 Ignition Coil (No. 2)
IGT2
IGF2
D12 Ignition Coil (No. 3)
IGT3
IGF2
D14 Ignition Coil (No. 5)
IGT5
IGF2
D19 Ignition Coil (No. 8)
IGT8
IGF2
D72 Junction Connector
A24(A), D74(B) Engine Control Module
THW
ETHA
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
D28 Engine Coolant Temperature Sensor
D62 ACIS VSV
D31 Heated Oxygen Sensor (Bank 1 Sensor 2)
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
D71 Junction Connector

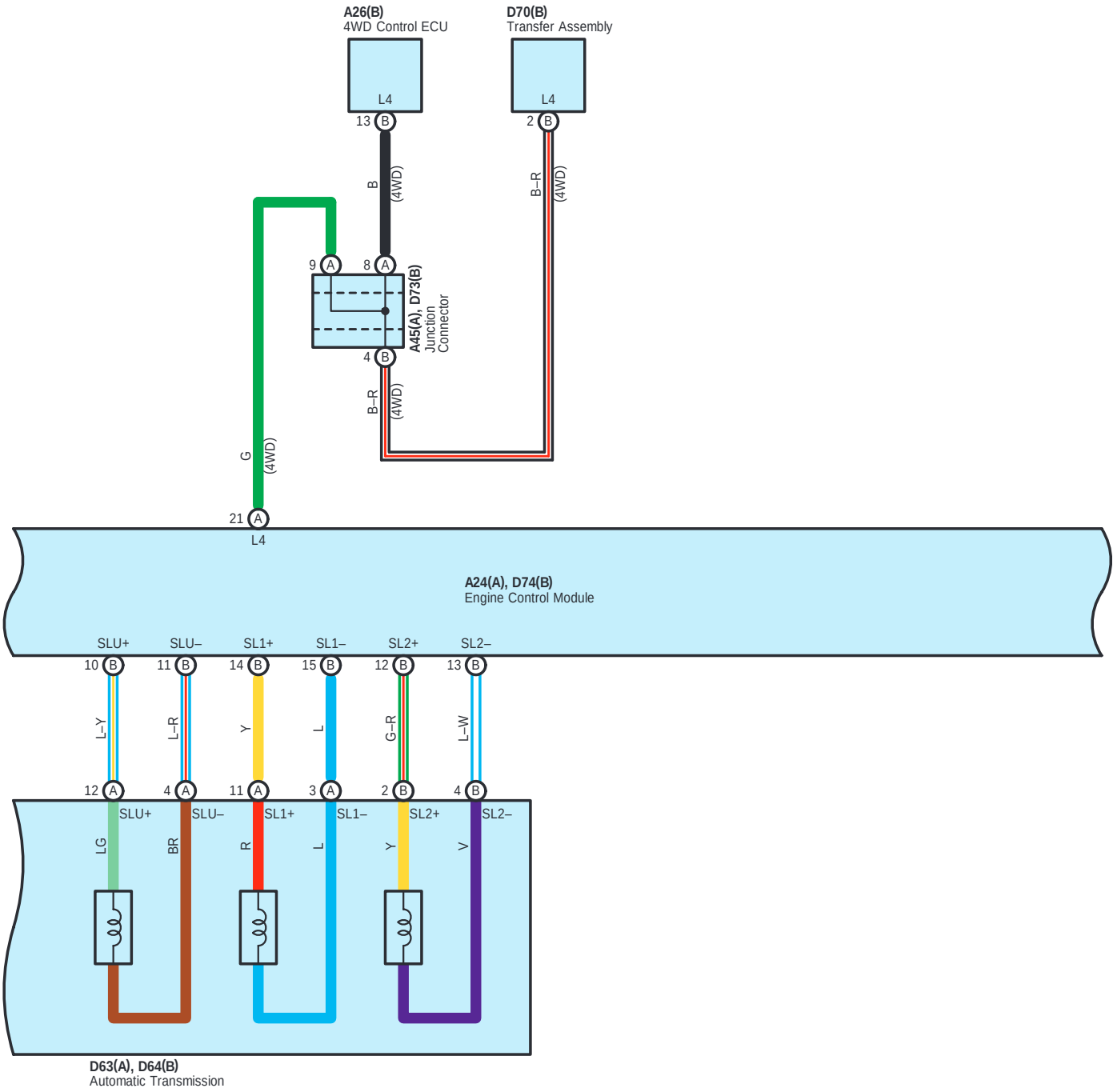
∗ 1 : Shielded

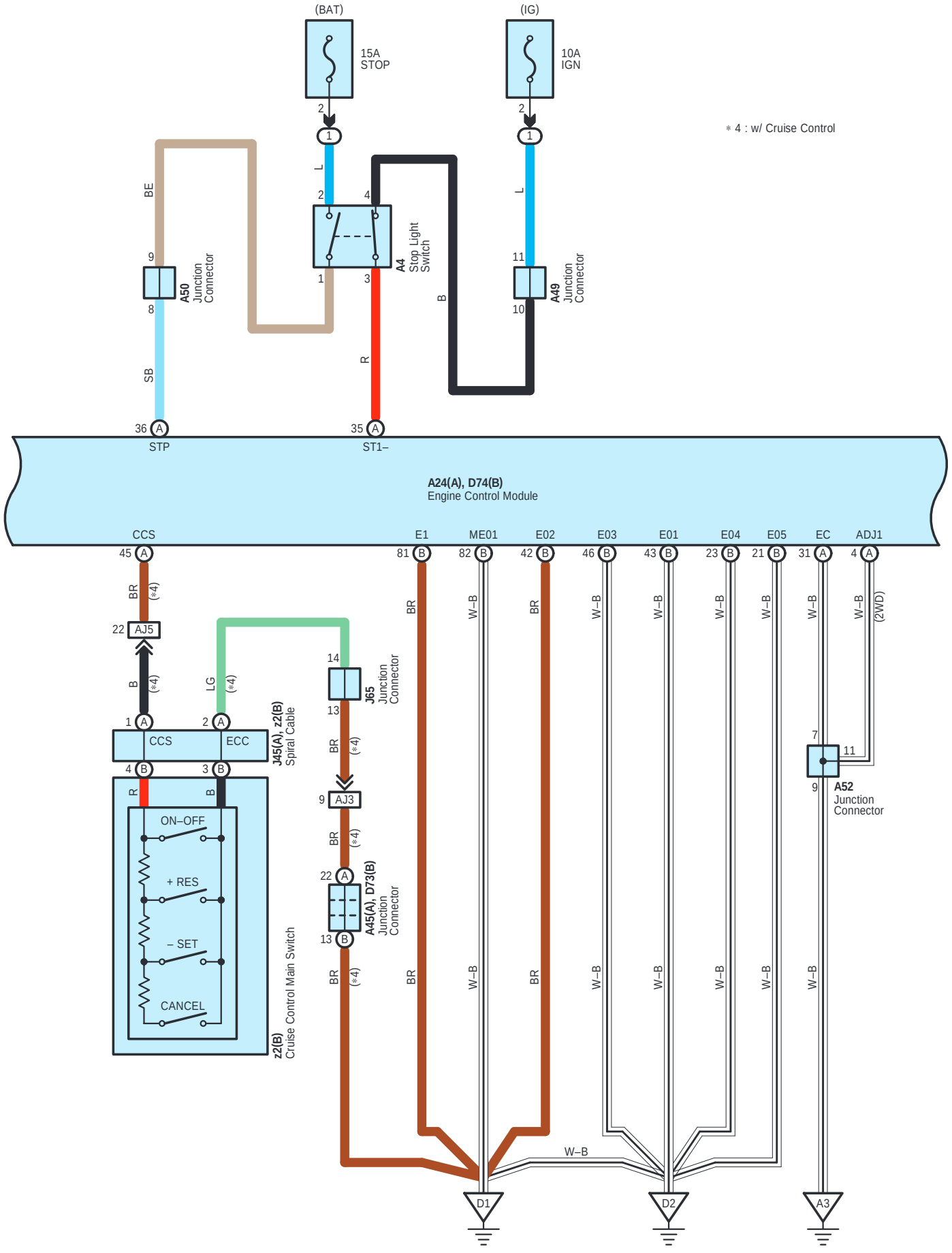

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
5
3
6
4
2
1
Y
L
R–Y
Y–B
(∗1)
R
G
BR
80 B
79 B
78 B
77 B
19 B
18 B
17 B
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
A24(A), D74(B)
Engine Control Module
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
VV2–
VV2+
66 B
91 B
92 B
68 B
69 B
65 B
64 B
88 B
87 B
L
G
R
B
R–L
B
R–L
Y
R
2
1
VVL–
VVL+
VC
D37
VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40
VVT Sensor (Bank 1 Exhaust Side)
EX–
EX+
VC2
D41
VVT Sensor (Bank 2 Exhaust Side)
VVR–
VVR+
VC
D39
VVT Sensor (Bank 2 Intake Side)
3
R
L
Y
L
BR
BR
L
L
L
L
B–W
B–W
BR
BR

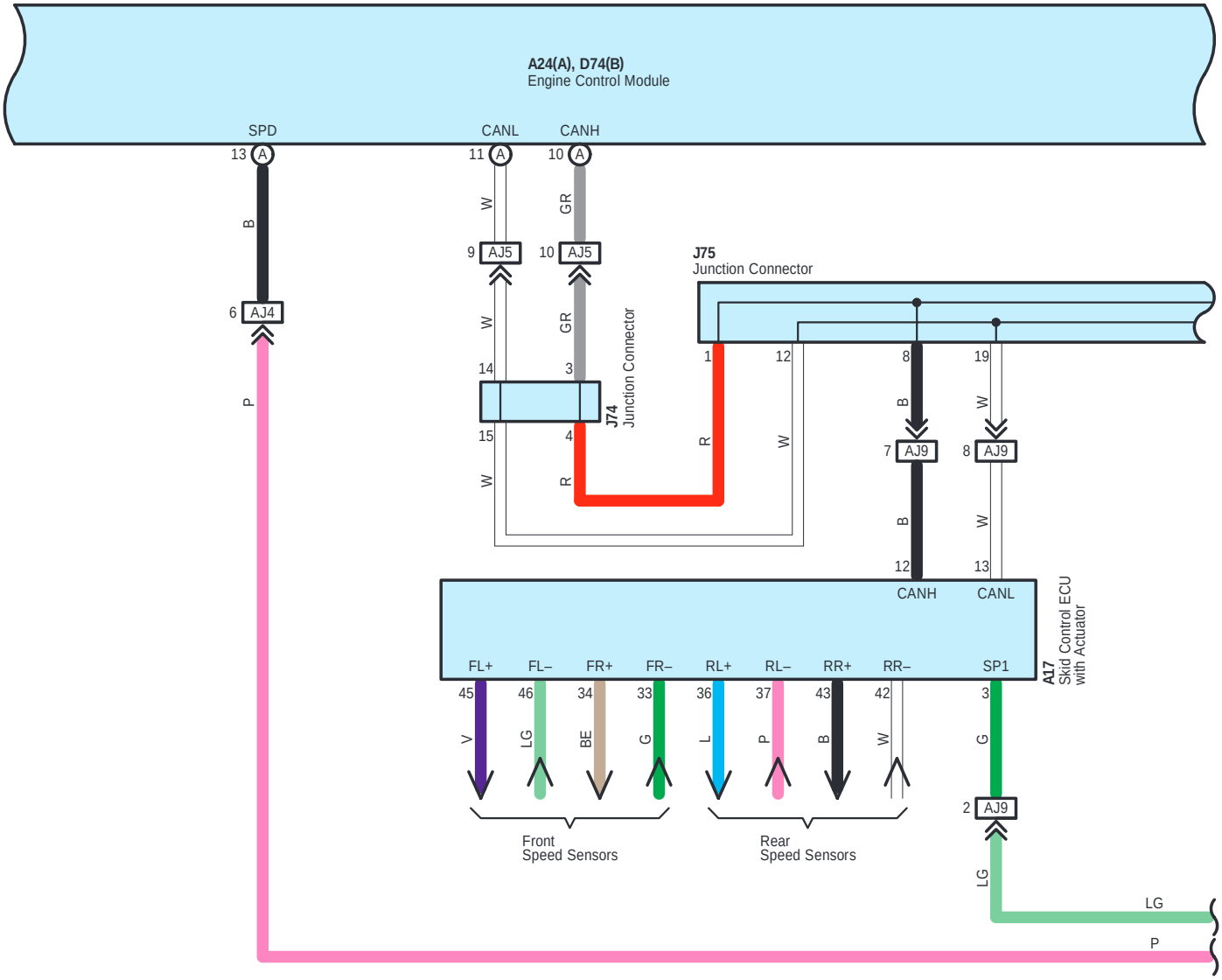

A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
W
LG
B
V
BE
P
55 A VPA
56 A VPA2
57 A VCPA
59 A VCP2
58 A EPA
60 A EPA2
J26
Transponder Key ECU
EFIO
EFII
13
12
Y
SB
1 AJ5
2 AJ5
B
P
40 A IMI
29 A IMO
A24(A), D74(B)
Engine Control Module
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
126 B
125 B
22 B
103 B
102 B
20 B
90 B
89 B
111 B
110 B
(*1)
G
R
L
P
L
G
R
B
Y
W
3
4
1
2
A1A+
A1A–
+B
HA1A
D33
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
D6
Camshaft Position Sensor
NE–
NE+
VC
D3
Crankshaft Position
Sensor
BR
B–W
Y
L
BR
BR
L
L
B–W
BR
BR


* 1 : Shielded
E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
ACT
19 A
AC1
A24(A), D74(B)
Engine Control Module
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
94 B
93 B
117 B
116 B
96 B
95 B
119 B
118 B
(*1)
BR
R
G
W
B
1 Da1
2 Da1
5 Da1
6 Da1
4 Da1
3 Da1
8 Da1
7 Da1
D71
Junction
Connector
18
16
17
20
19
22
21
a5
Knock Sensor
(Bank 1 Sensor 1)
a6
Knock Sensor
(Bank 2 Sensor 1)
a3
Knock Sensor
(Bank 1 Sensor 2)
a4
Knock Sensor
(Bank 2 Sensor 2)
D2

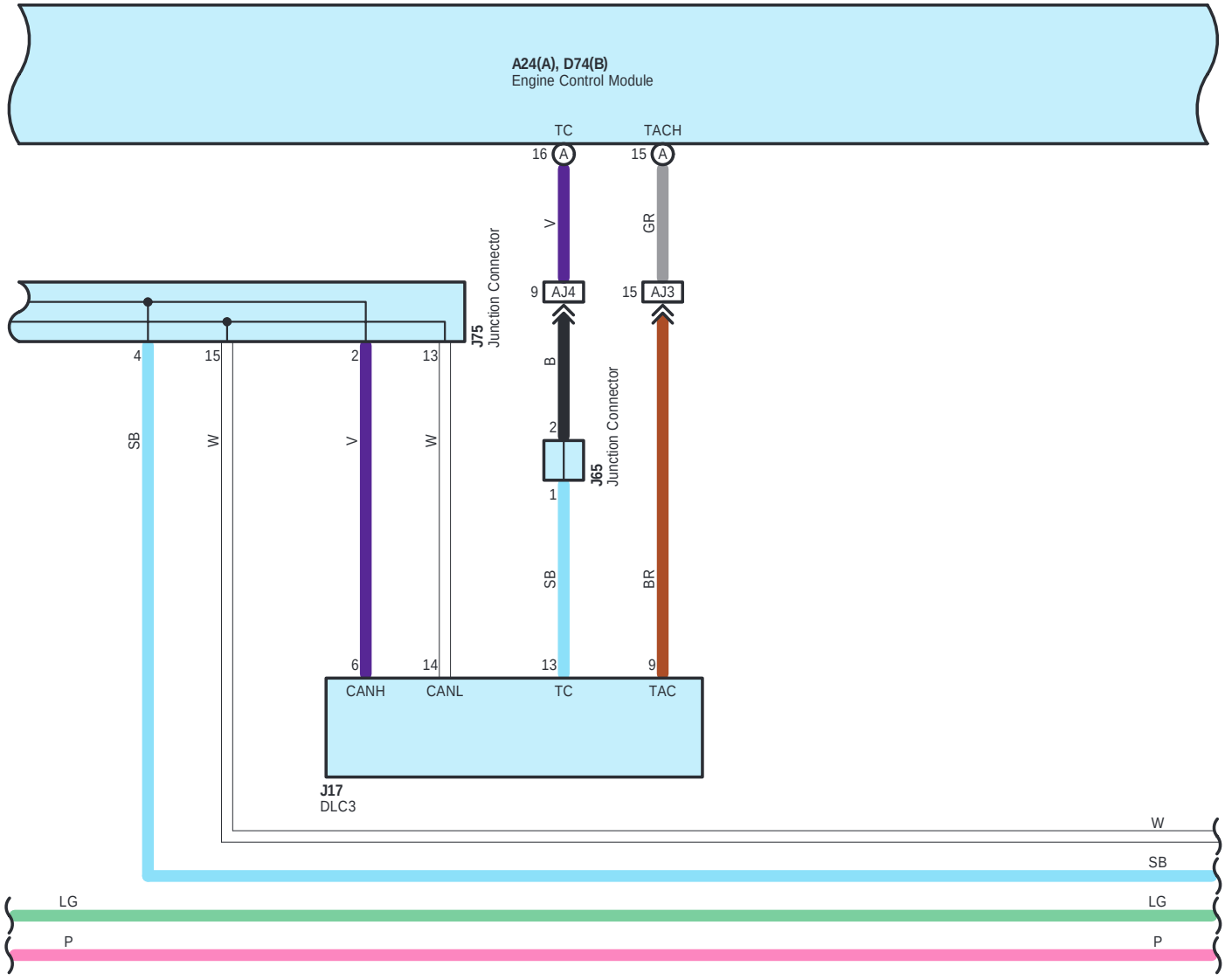

(BAT)
40A
DEFOG
5A
DEF
I/UP
DEFOG
Relay
D65
Transmission Revolution
Sensor (Turbine)
D66
Transmission Revolution
Sensor (Electronically
Controlled Transmission)
124 NT+
123 NT–
101 SP2+
100 SP2–
33 ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
OT+
OT–
OT2+
OT2–
D63(A), D64(B)
Automatic Transmission
BR

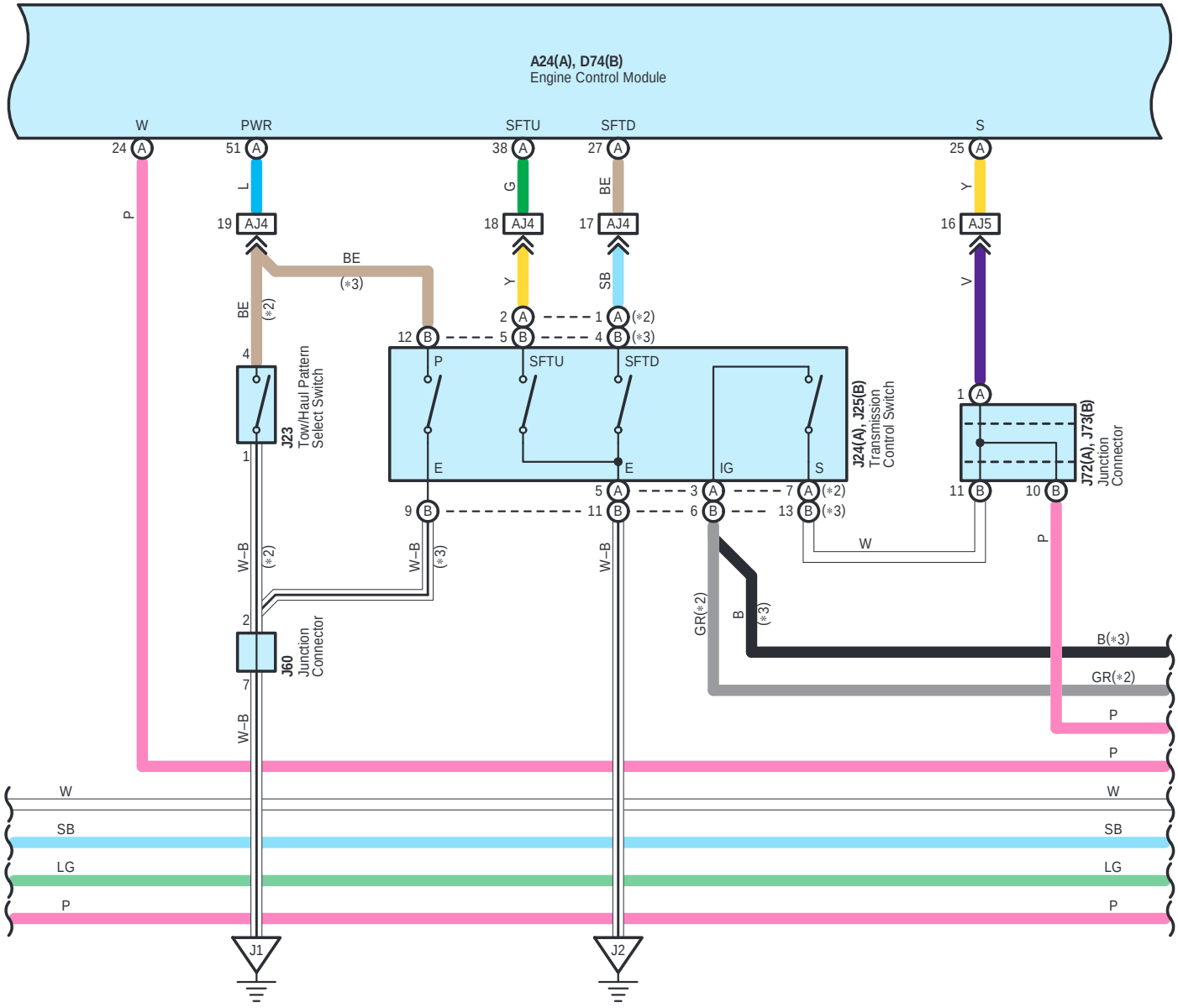

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
L4
13 B
2 B
B (4WD)
B–R (4WD)
9 A
8 A
A45(A), D73(B)
Junction Connector
4 B
B–R (4WD)
G (4WD)
21 A
L4
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
10 B
11 B
14 B
15 B
12 B
13 B
L–Y
L–R
Y
L
G–R
L–W
12 A
4 A
11 A
3 A
2 B
4 B
LG
BR
R
L
Y
V
D63(A), D64(B)
Automatic Transmission

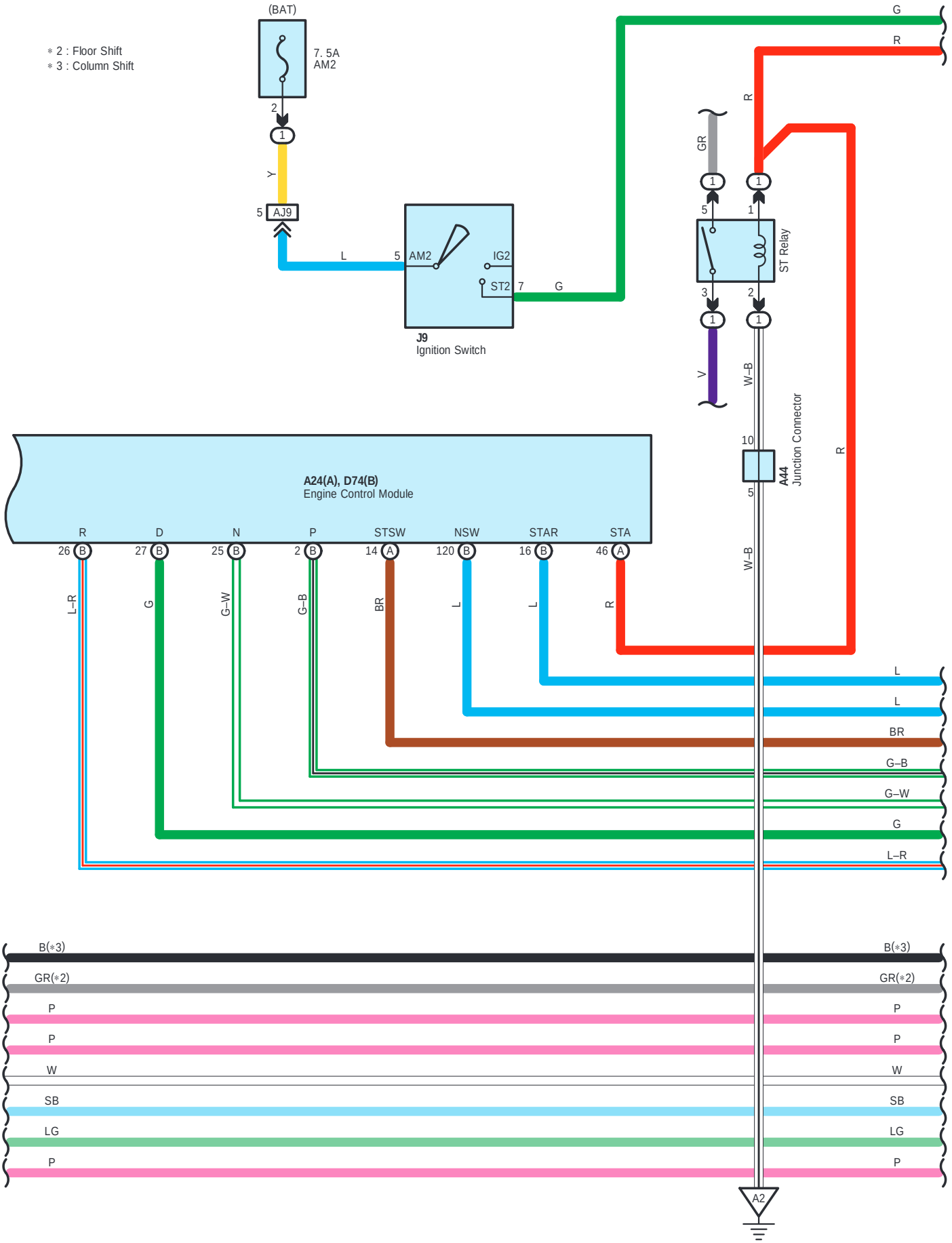

(BAT)
15A
STOP
(IG)
10A
IGN
∗ 4 : w/ Cruise Control
BE
SB
L
R
B
A50
Junction
Connector
A4
Stop Light
Switch
A49
Junction
Connector
STP
ST1–
A24(A), D74(B)
Engine Control Module
CCS
E1
ME01
E02
E03
E01
E04
E05
EC
ADJ1
BR
W–B
LG
(∗4)
(2WD)
AJ5
AJ3
J65
Junction
Connector
J45(A), Z2(B)
Spiral Cable
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
Z2(B)
Cruise Control Main Switch
A45(A), D73(B)
Junction
Connector
A52
Junction
Connector
D1
D2
A3

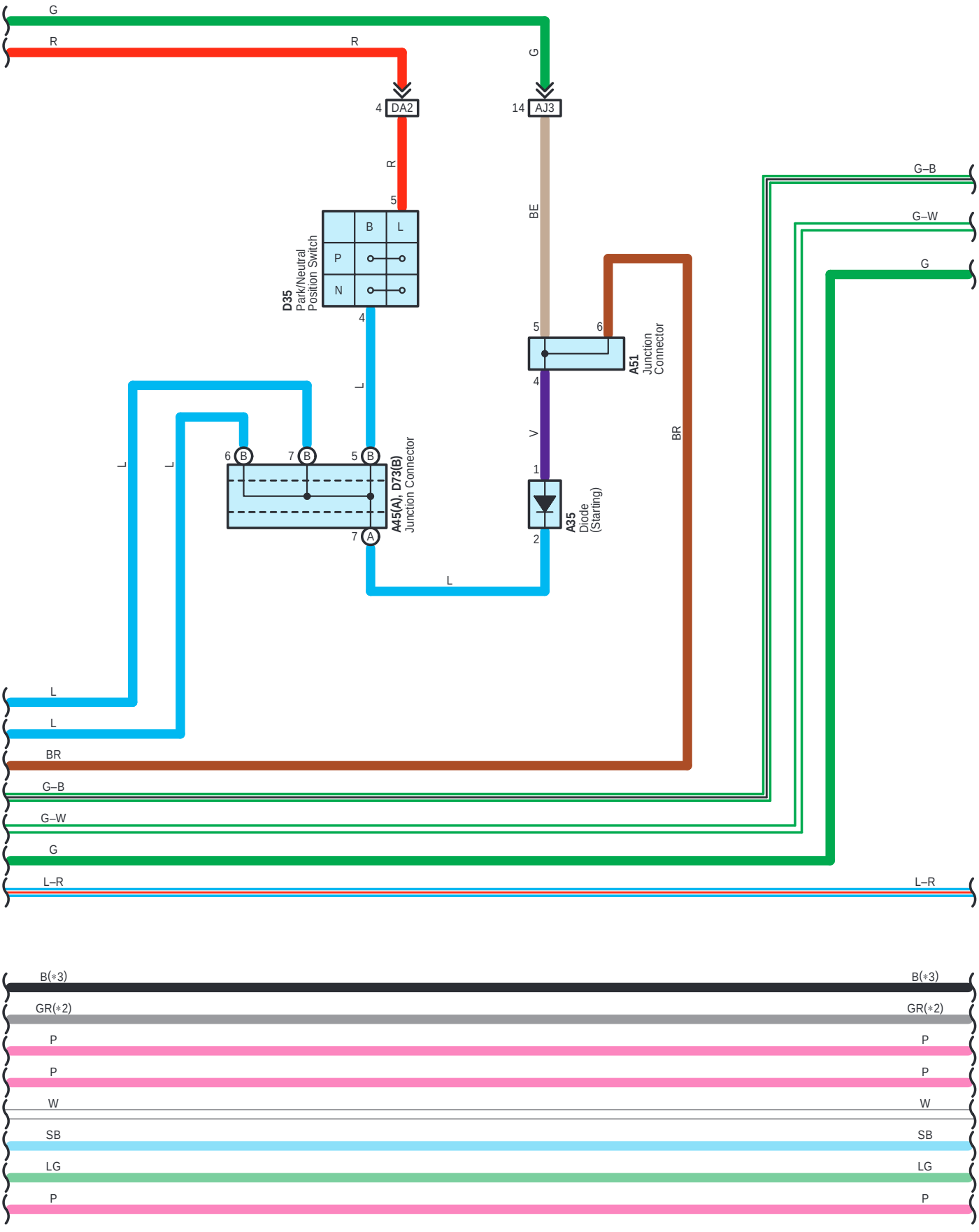

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
J75
Junction Connector
14
3
1
12
8
19
J74
Junction Connector
15
4
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P

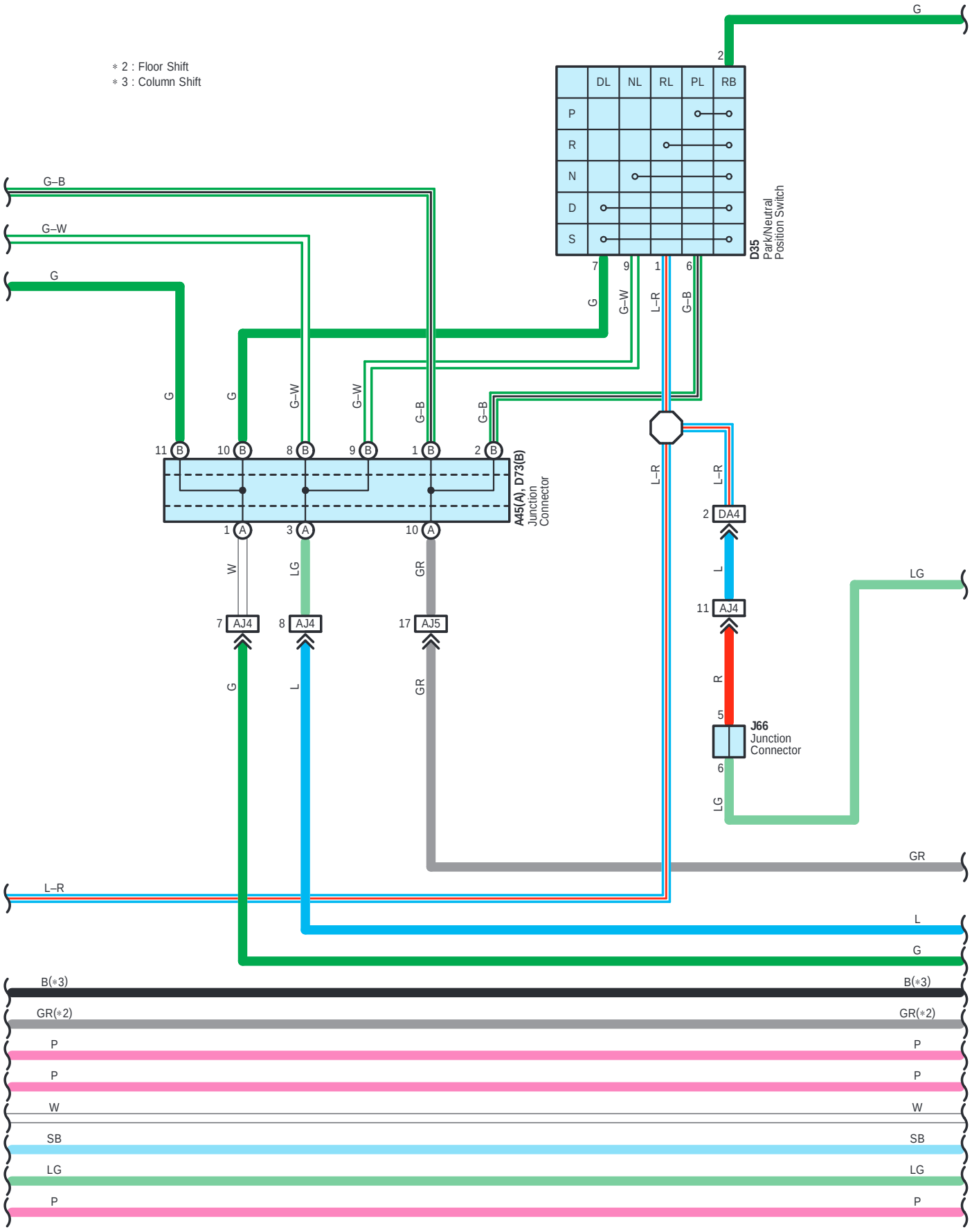
* 2 : Floor Shift
* 3 : Column Shift

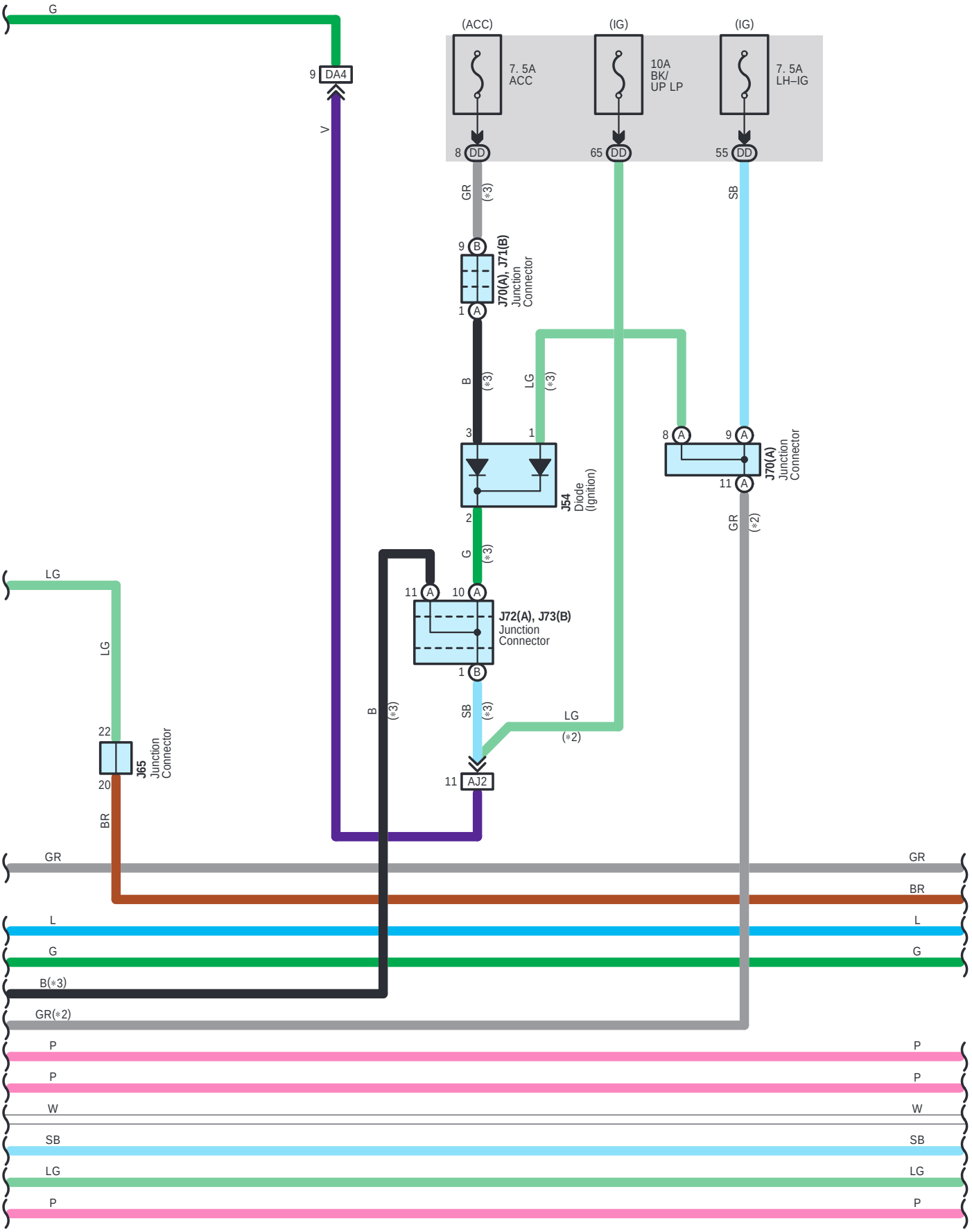


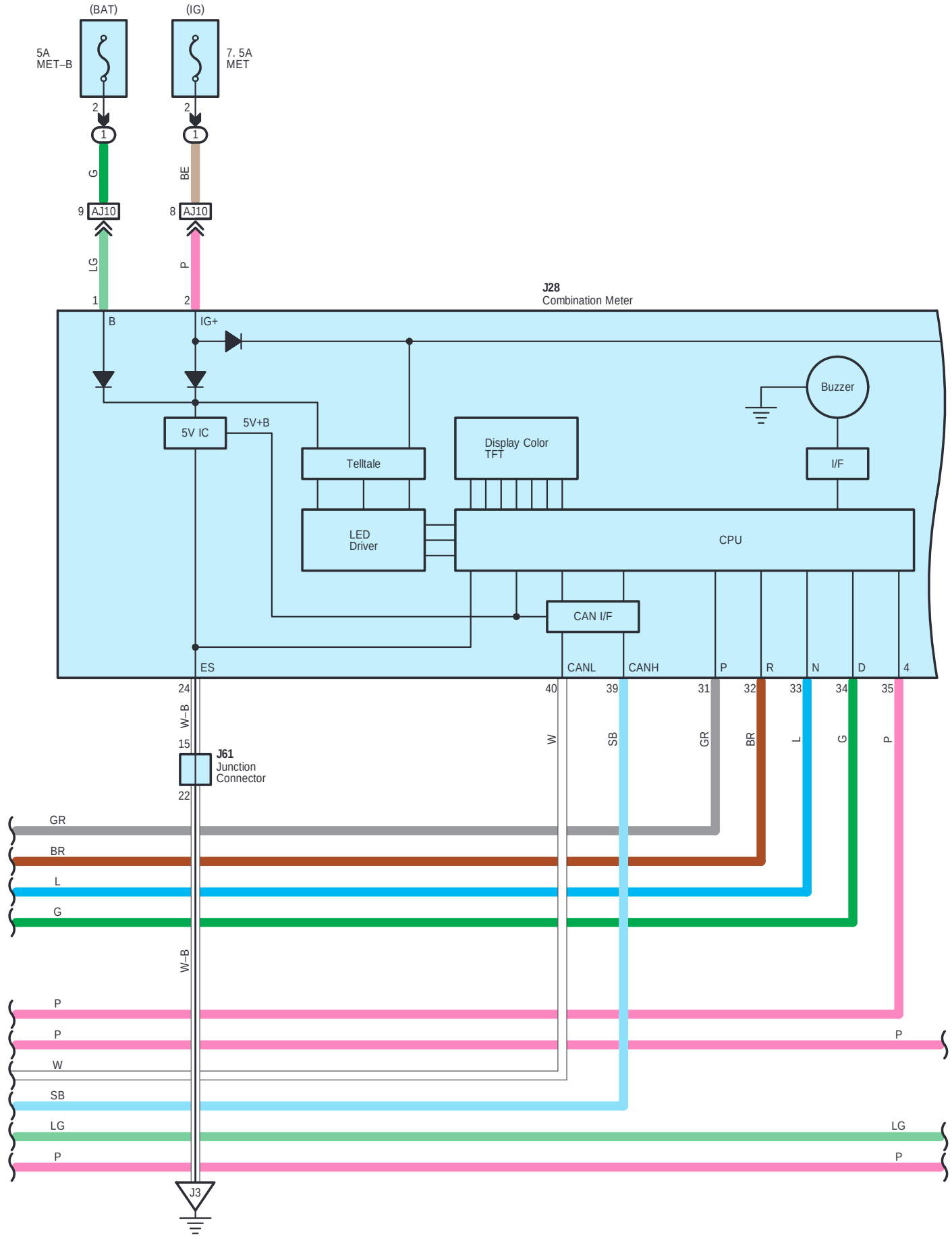

A24(A), D74(B)
Engine Control Module
W
PWR
SFTU
SFTD
S
24 A
51 A
38 A
27 A
25 A
L
G
BE
Y
P
19 AJ4
18 AJ4
17 AJ4
16 AJ5
BE
(*3)
Y
SB
V
BE
(*2)
2 A
1 A
(*2)
12 B
5 B
4 B
(*3)
4
P
SFTU
SFTD
1 A
J23
Tow/Haul Pattern
Select Switch
E
E
IG
S
J24(A), J25(B)
Transmission
Control Switch
J72(A), J73(B)
Junction
Connector
1
5 A
3 A
7 A
(*2)
11 B
10 B
9 B
11 B
6 B
13 B
(*3)
W–B
(*2)
W–B
(*3)
W–B
W
P
2
GR(*2)
B
(*3)
B(*3)
J60
Junction
Connector
GR(*2)
7
P
W–B
P
W
W
SB
SB
LG
LG
P
P
J1
J2

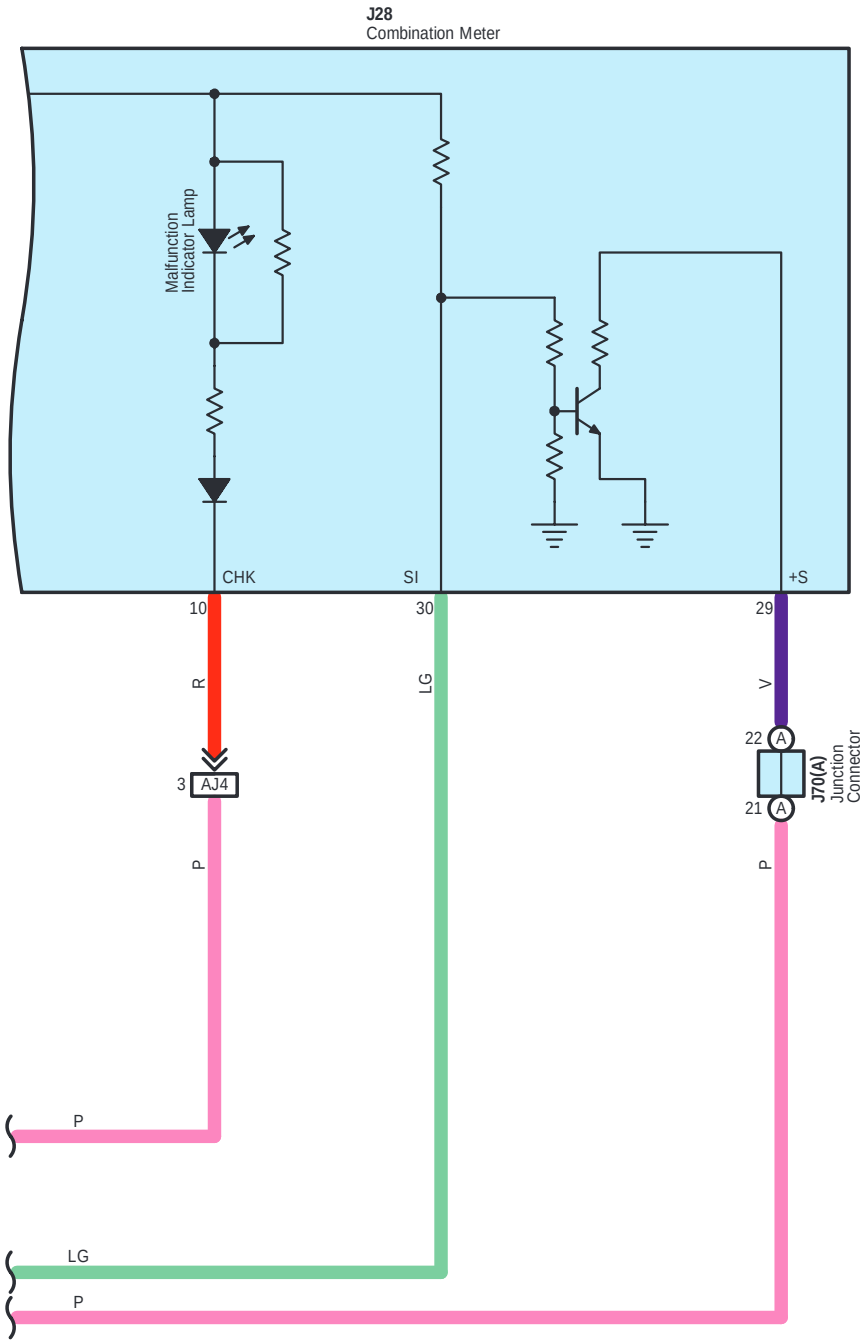

∗ 2 : Floor Shift
∗ 3 : Column Shift
(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
A2


G
R
R
G
4 DA2
14 AJ3
R
BE
5
B
L
P
N
D35
Park/Neutral
Position Switch
4
L
G–B
G–W
G
5
6
A51
Junction
Connector
4
V
BR
1
2
A35
Diode
(Starting)
6 B
7 B
5 B
7 A
A45(A), D73(B)
Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P

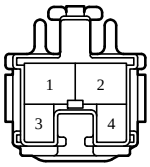

∗ 2 : Floor Shift
∗ 3 : Column Shift
G
2
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction
Connector
6
LG
LG
GR
L–R
L
G
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P


G
9 DA4
V
(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
G (*3)
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
LG
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
B (*3)
SB (*3)
LG
(*2)
LG
22
J65
Junction
Connector
20
BR
11 AJ2
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

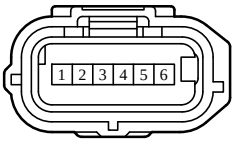

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
21
J70(A)
Junction Connector
P
P
P
LG
P

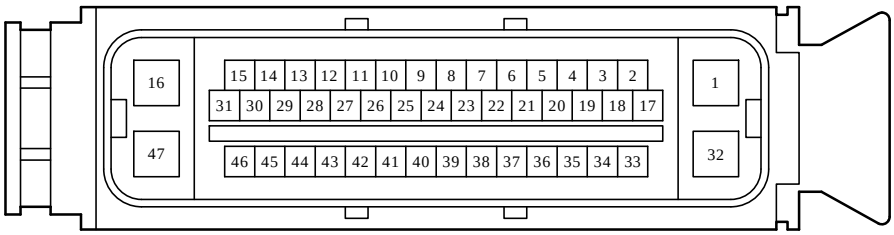
A 4
White



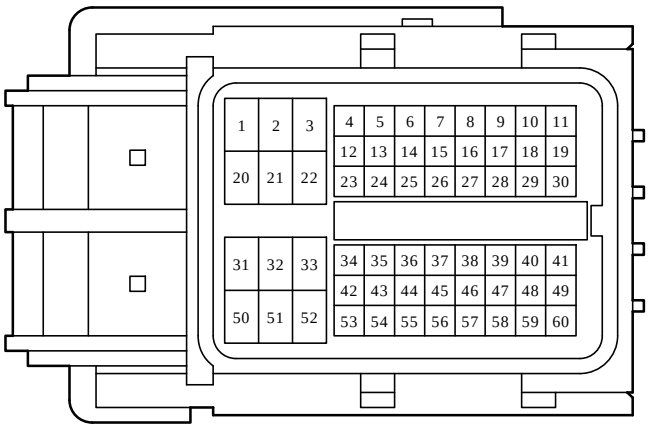
A 14
Black



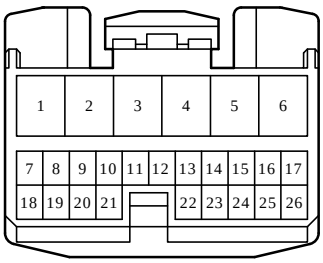
A 17
Black



A 24
Black



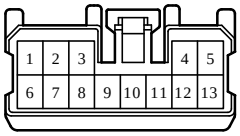
A 26
White



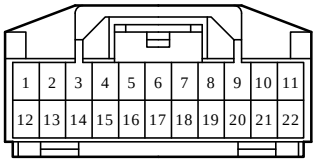
A 35
Black



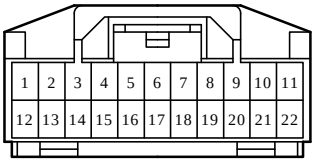
A 44
White



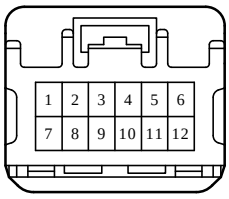
A 45
Blue



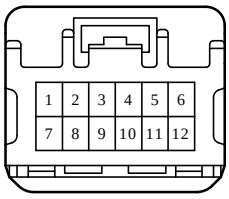
A 49
White



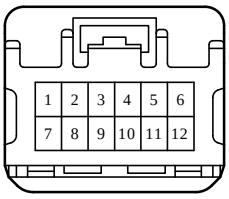
A 50
White



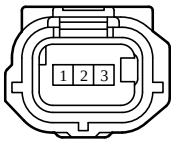
A 51
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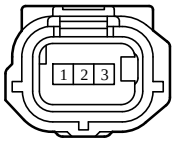
A 52
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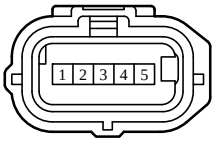
D 3
Black



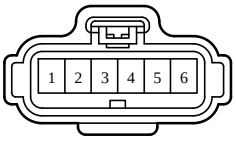
D 6
Black



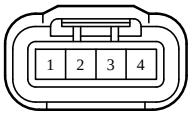
D 7
Black



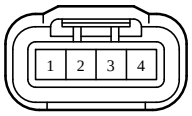
D 9
Black



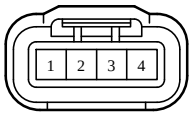
D 10
Black



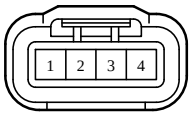
D 12
Black



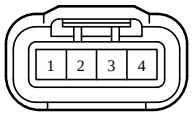
D 14
Black



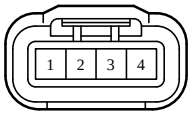
D 16
Black



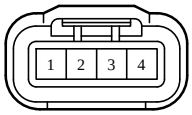
D 19
Black



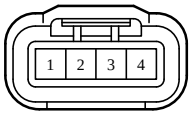
D 21
Black



D 23
Black



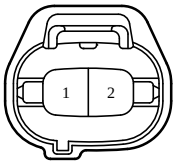
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



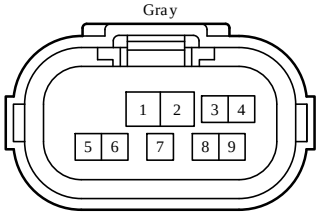
D 33
Dark Gray



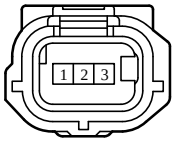
D 34
Dark Gray



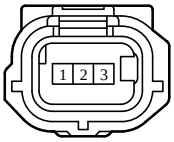
D 35
Gray



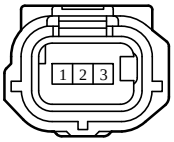
D 37
Black



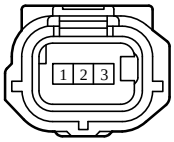
D 39
Black



D 40
Black



D 41
Black



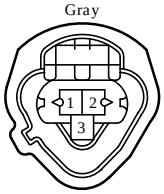
D 44
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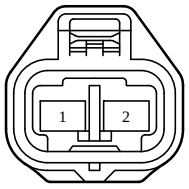
D 45
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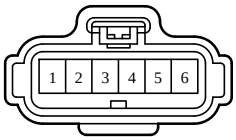
D 46
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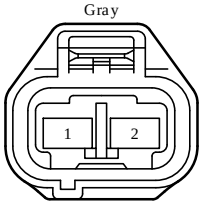
D 48
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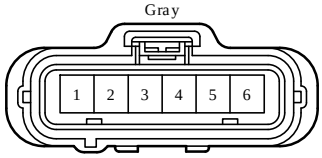
D 50
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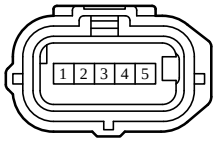
D 52
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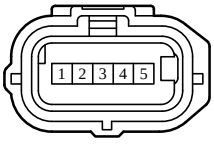
D 54
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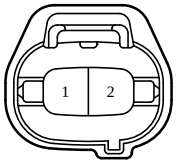
D 58
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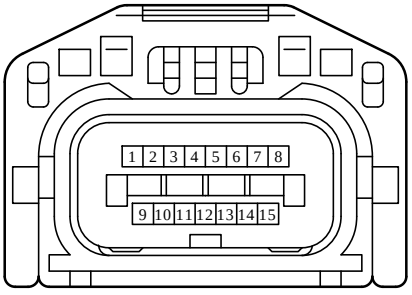
D 59
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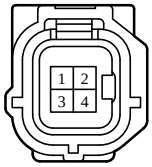
D 62
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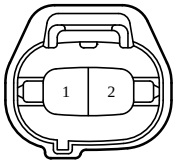
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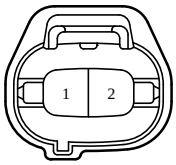
D 64
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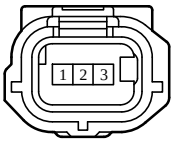
D 65
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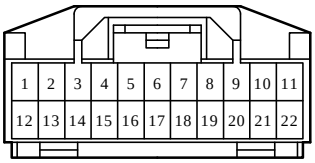
D 66
Black



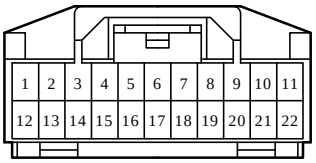
D 70
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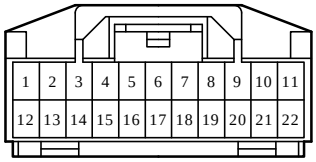
D 71
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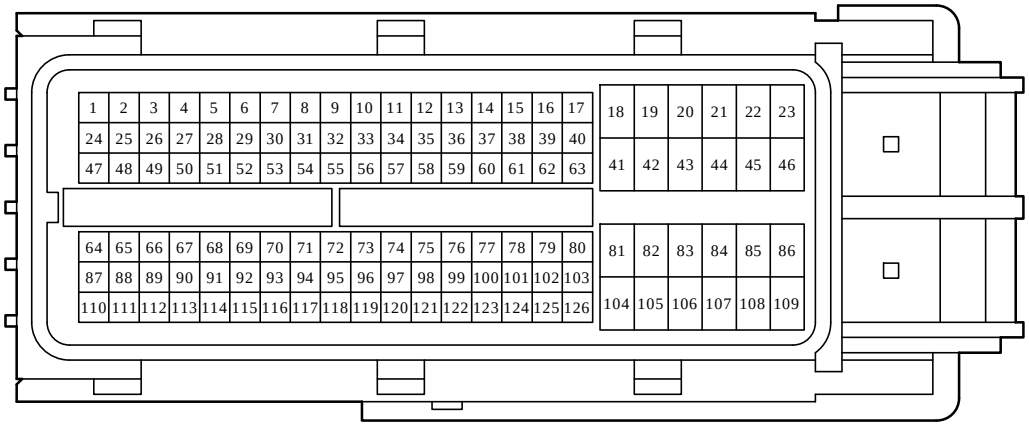
D 72
White



D 73
Blue



D 74
Black



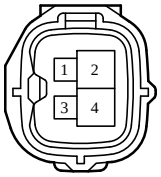
D 75
Black



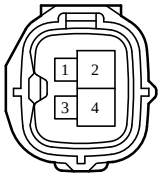
D 76
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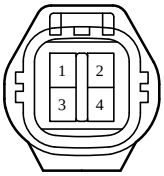
D 89
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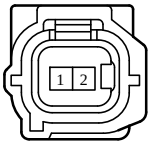
D 90
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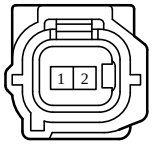
E 9
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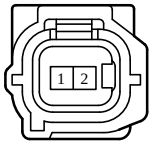
F 1
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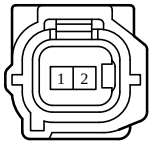
F 2
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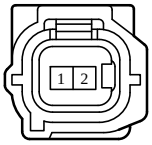
F 3
Black



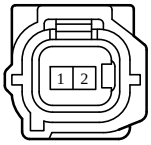
F 4
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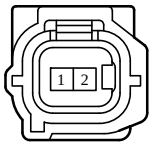
H 1
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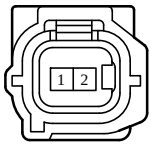
H 2
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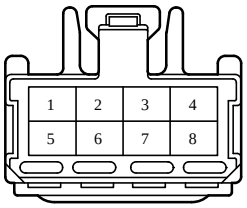
H 3
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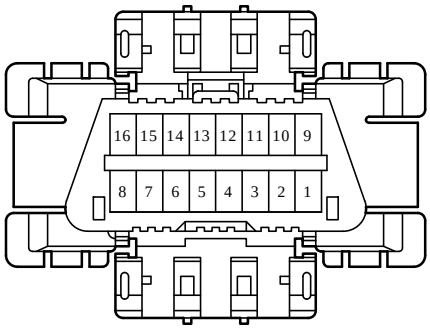
H 4
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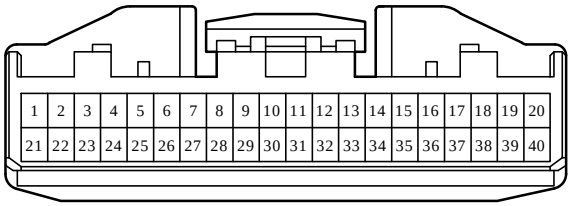
J 9
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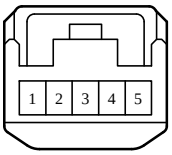
J 17
White



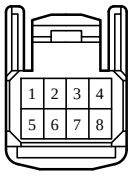
J 19
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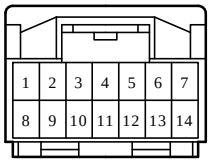
J 23
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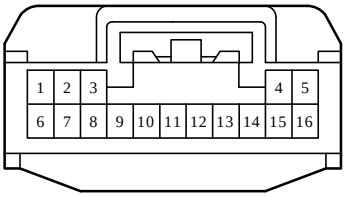
J 24
White



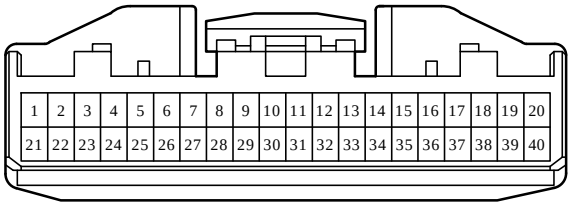
J 25
White



J 26
White



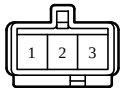
J 28
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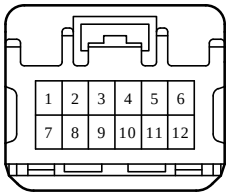
J 45
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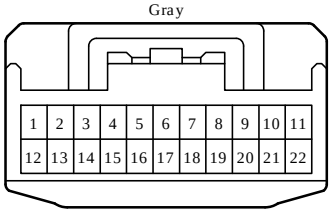
J 54
Orange



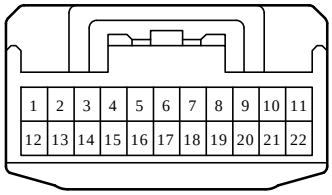
J 60
White



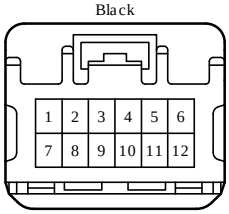
J 61
Gray



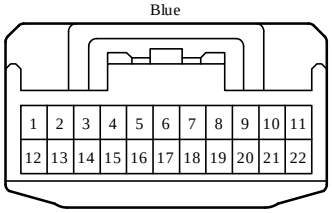
J 65
White



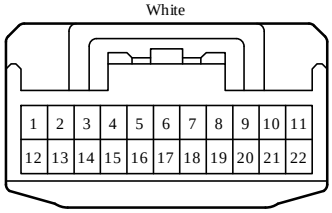
J 66
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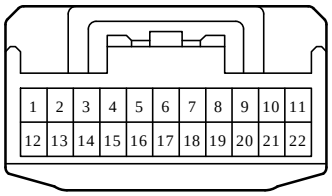
J 70
Blue



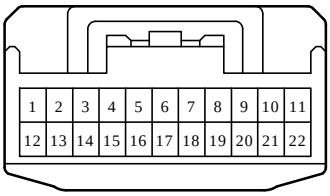
J 71
White



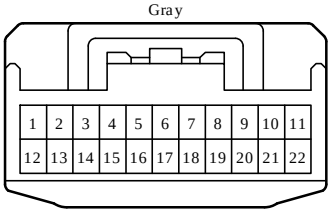
J 72
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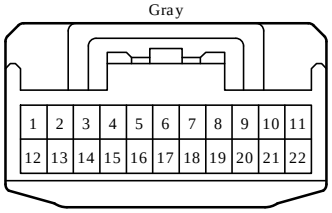
J 73
Black



J 74
Gray



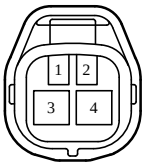
J 75
Gray



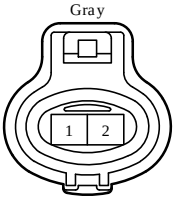
R 6
White



R 7
Black



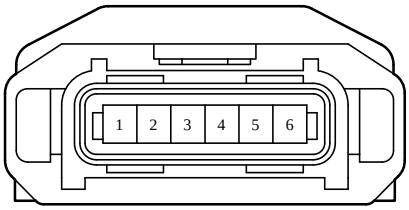
R 8
Gray



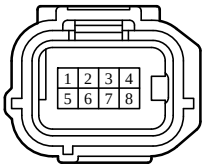
R 9
Dark Gray



R 11
Black



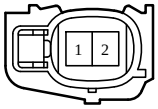
R 12
Black



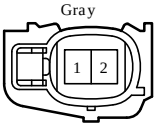
R 19
White



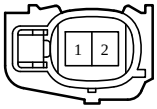
a 3
Black



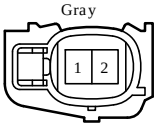
a 4
Gray



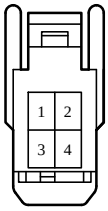
a 5
Black



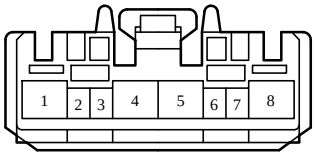
a 6
Gray



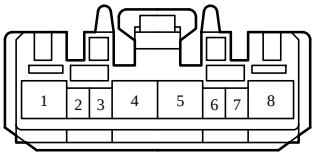
z 2
White



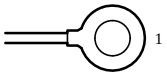
1A
White



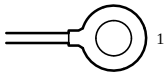
1B
White



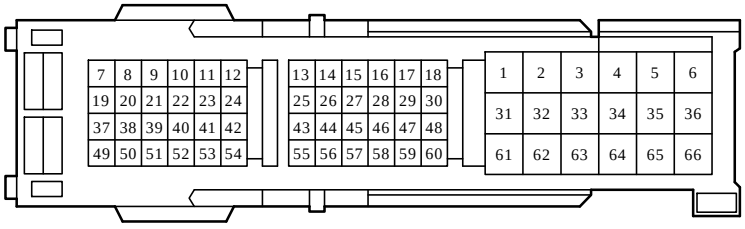
1G



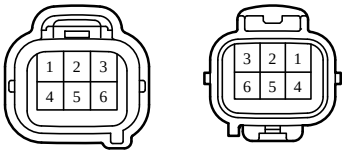
1H



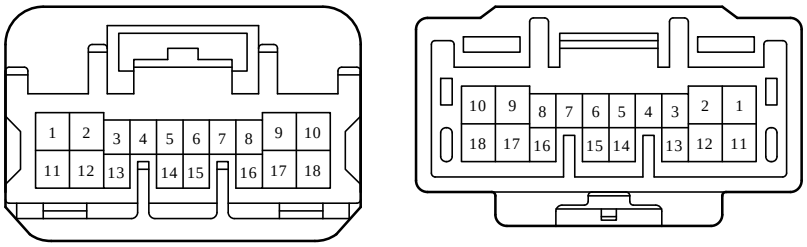
DD
White



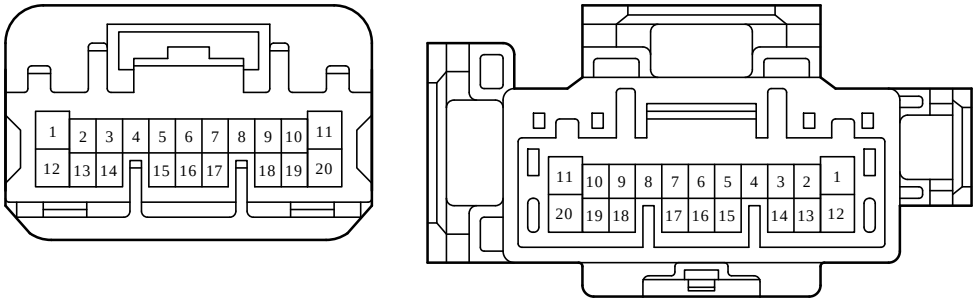
AE1
Gray



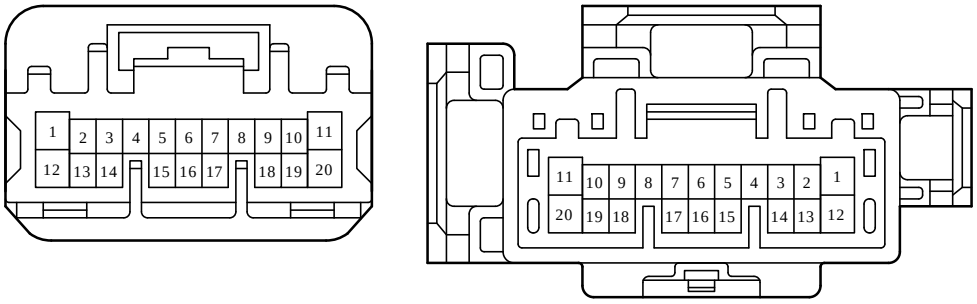
AJ2
Gray



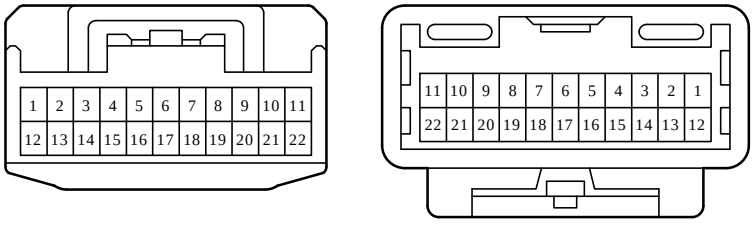
AJ3
White



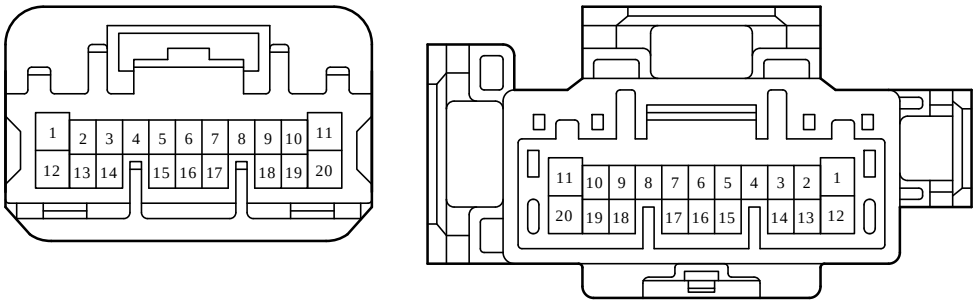
AJ4
White



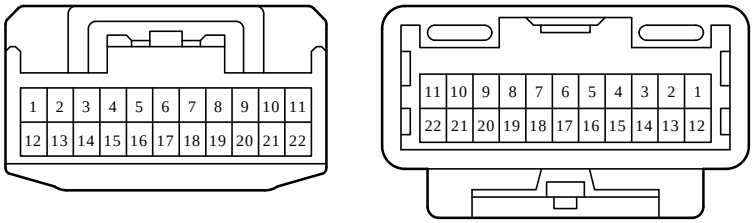
AJ5
Gray



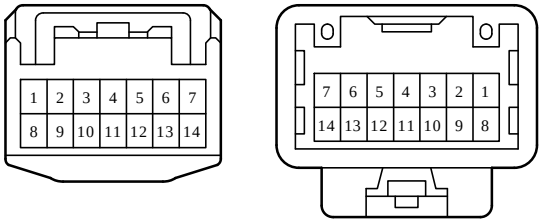
AJ9
White



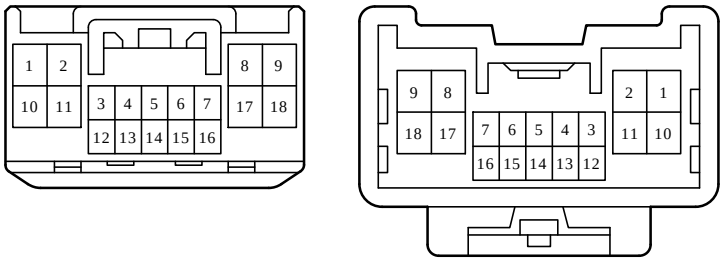
AJ10
Gray



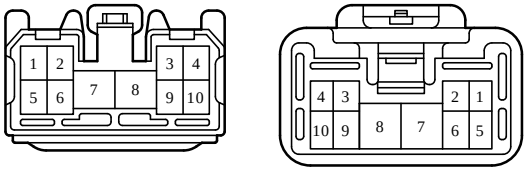
DA1
Black



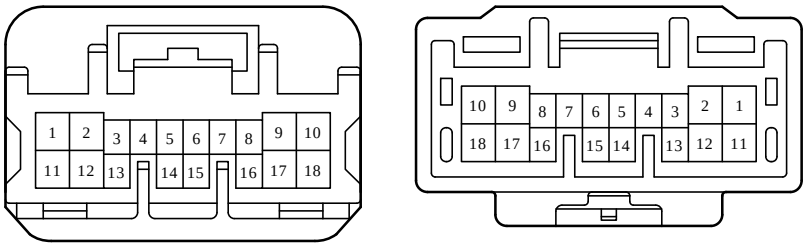
DA2
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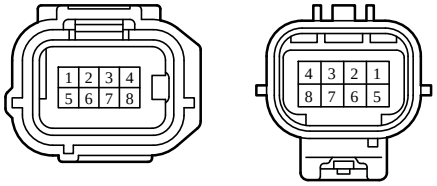
DA3
White



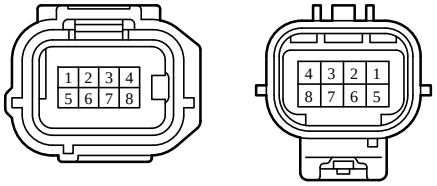
DA4
Gray



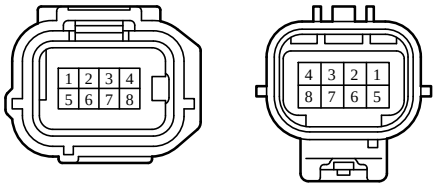
DF1
Gray



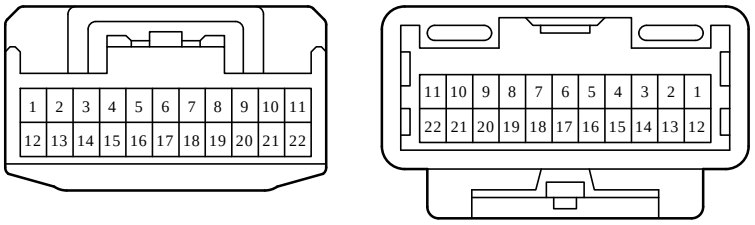
DH1
Gray



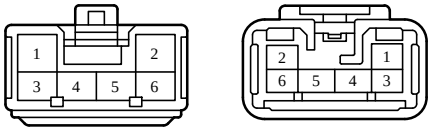
Da1
Gray



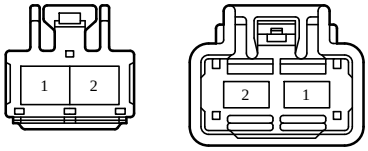
RA1
Black

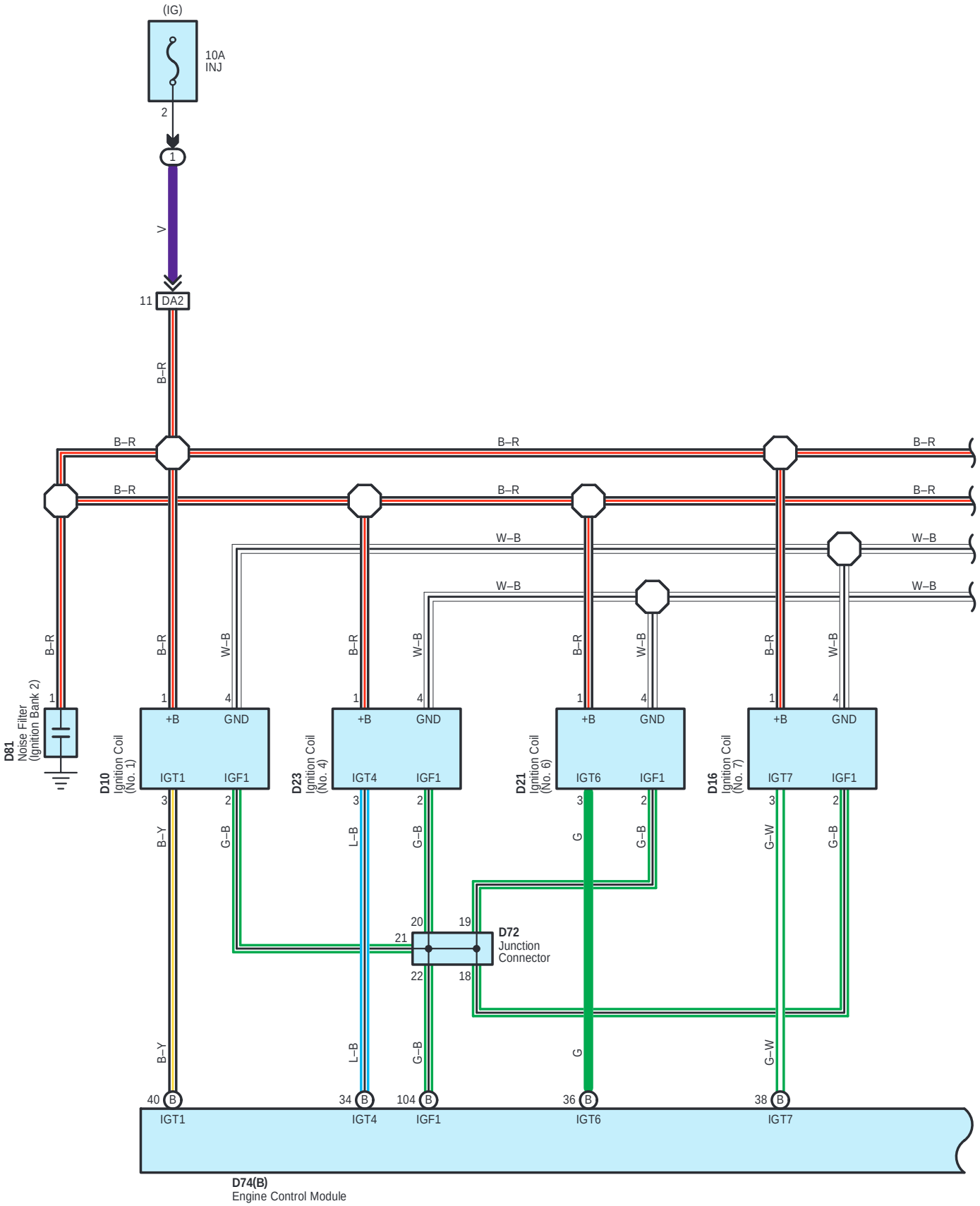


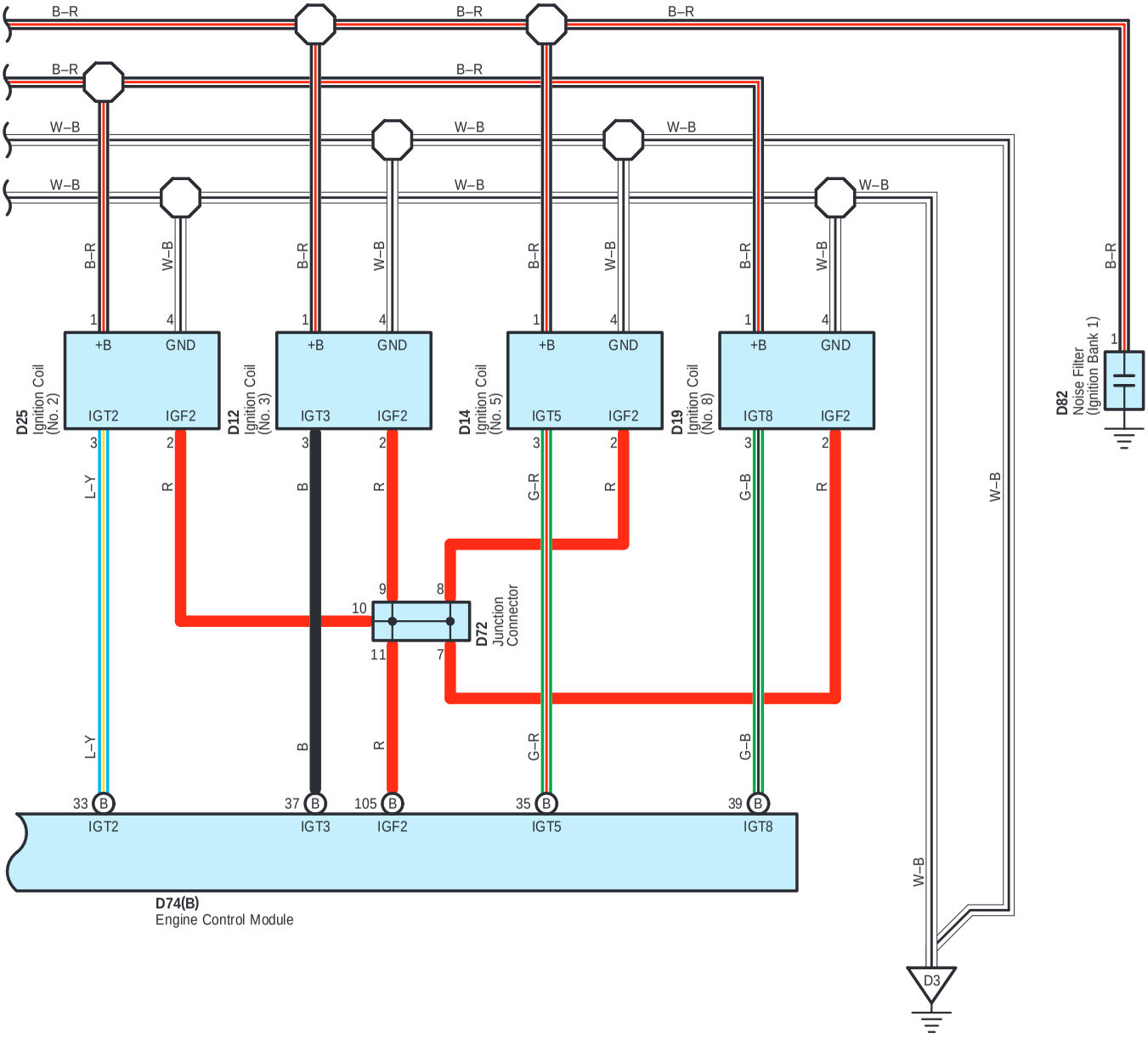
RA2
White



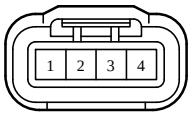
RA4
White



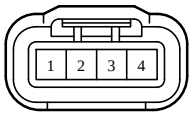

(IG)
10A
INJ
2
1
V
11
DA2
B–R
W–B
D81
Noise Filter
(Ignition Bank 2)
D10
Ignition Coil
(No. 1)
D23
Ignition Coil
(No. 4)
D21
Ignition Coil
(No. 6)
D16
Ignition Coil
(No. 7)
+B
GND
IGT1
IGT4
IGT6
IGT7
IGF1
B–Y
L–B
G
G–W
G–B
D72
Junction
Connector
40
34
104
36
38
D74(B)
Engine Control Module


B–R
W–B
D25
Ignition Coil
(No. 2)
D12
Ignition Coil
(No. 3)
D14
Ignition Coil
(No. 5)
D19
Ignition Coil
(No. 8)
+B
GND
IGT2
IGF2
IGT3
IGT5
IGT8
L–Y
R
B
G–R
G–B
D72
Junction
Connector
D82
Noise Filter
(Ignition Bank 1)
D3
D74(B)
Engine Control Module

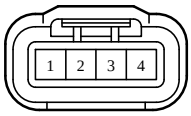
D 10
Black



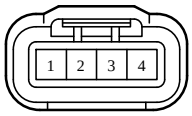
D 12
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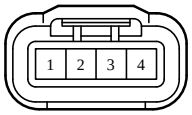
D 14
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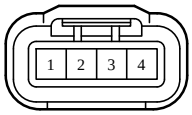
D 16
Black



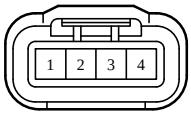
D 19
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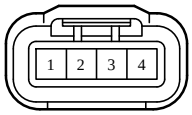
D 21
Black



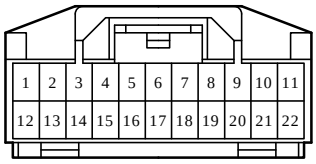
D 23
Black



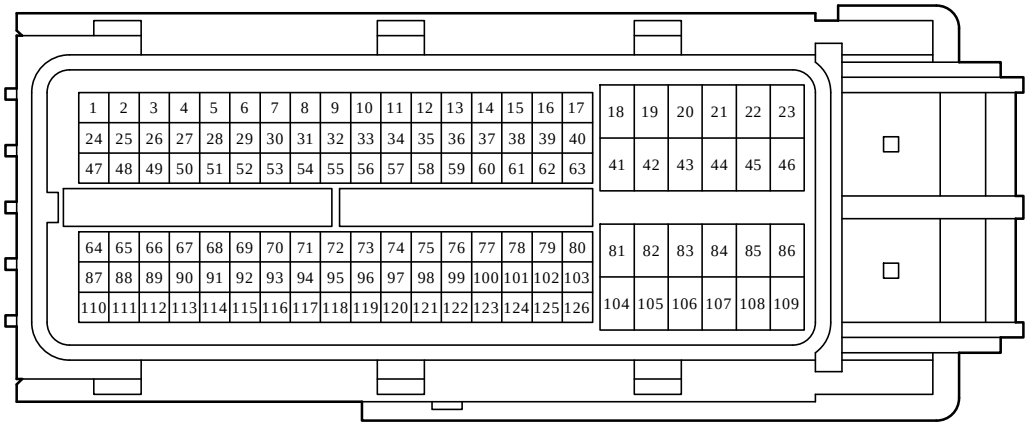
D 25
Black



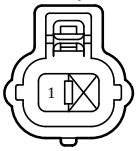
D 72
White



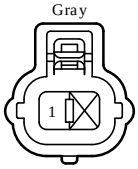
D 74
Black



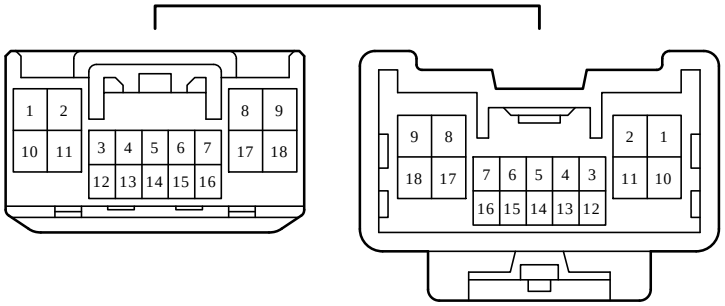
D 81
Gray

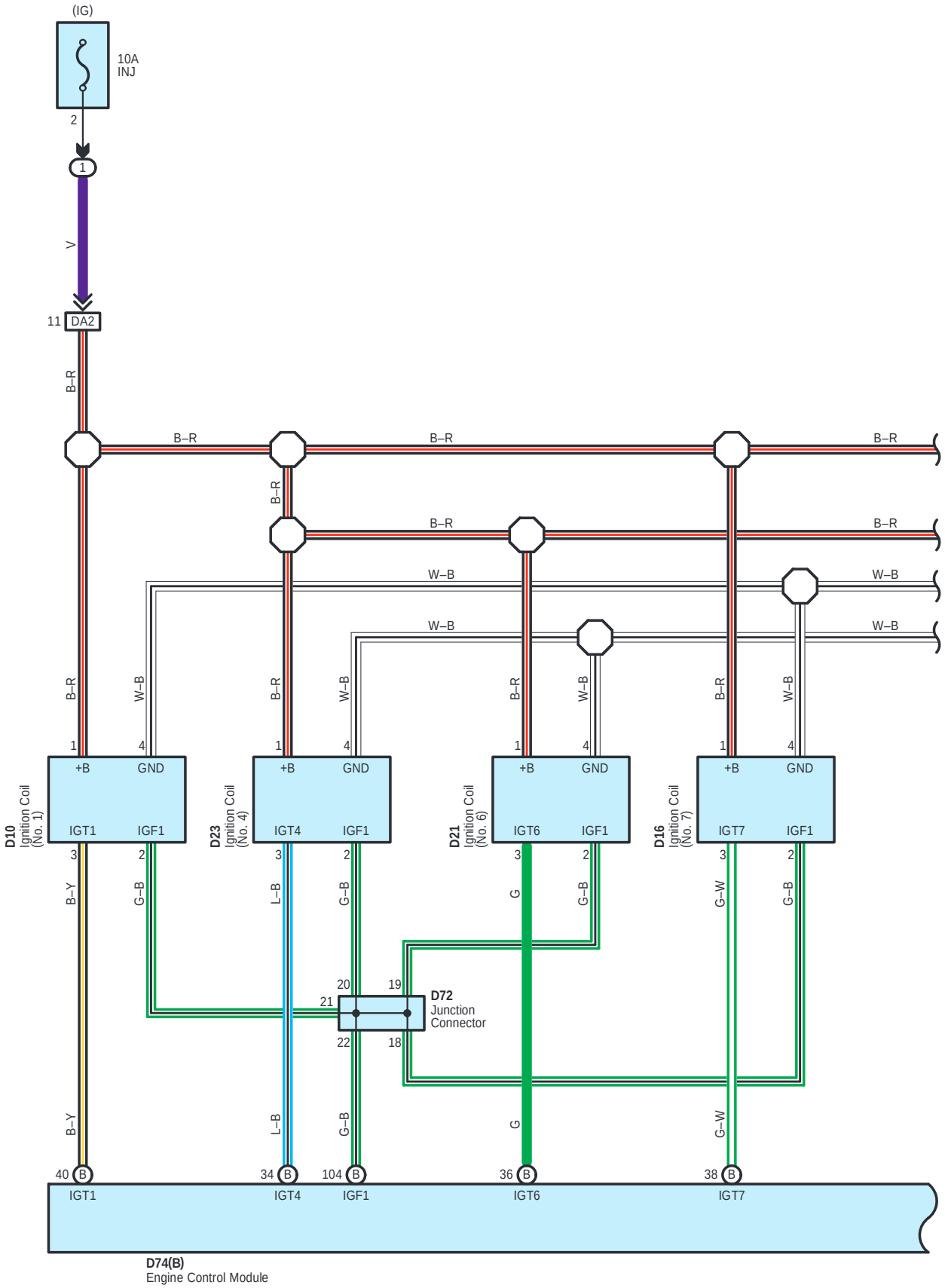


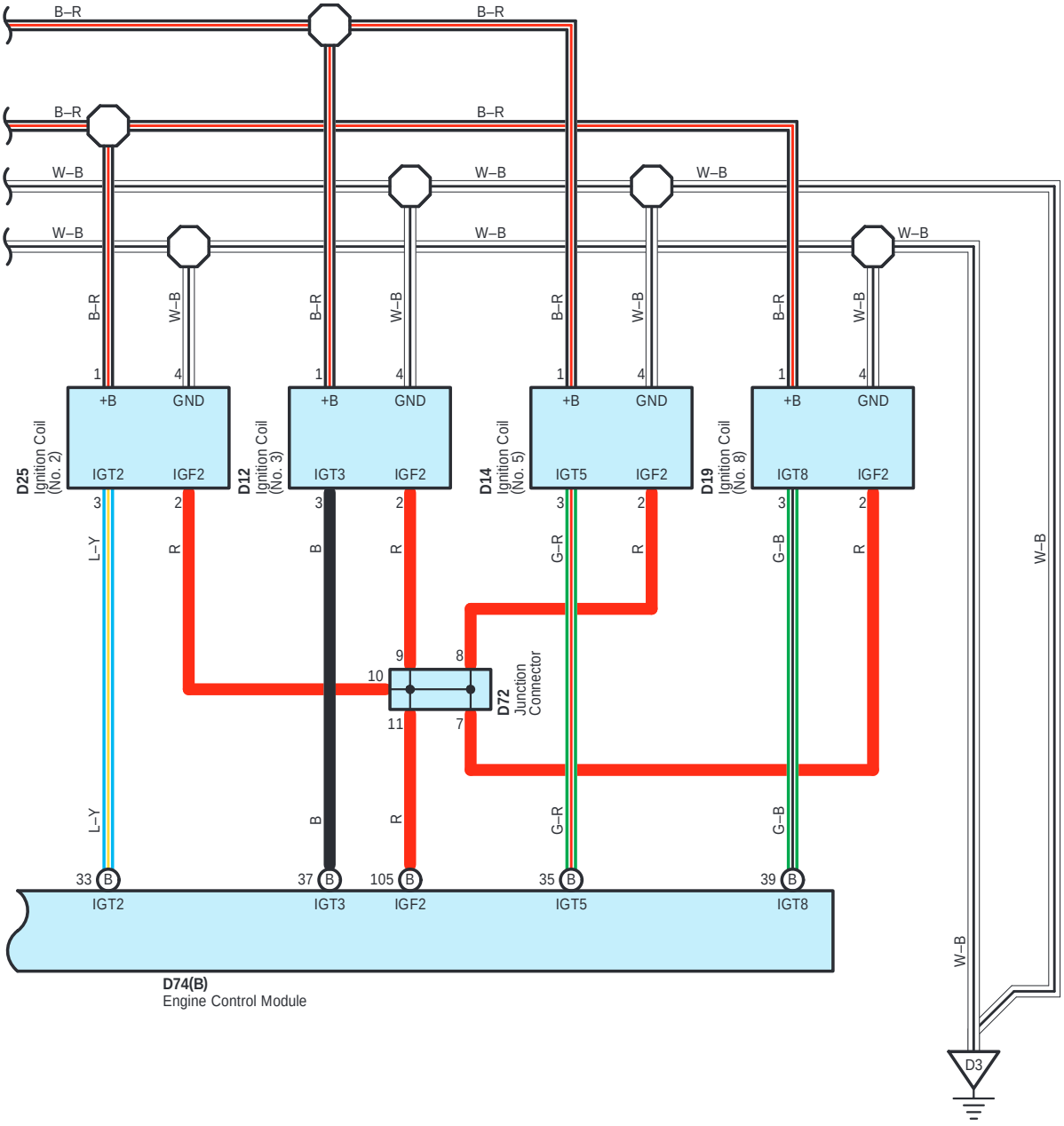
D 82
Gray



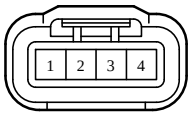
DA2
White



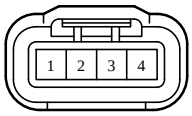

(IG)
10A
INJ
2
1
V
11
DA2
B–R
W–B
D10
Ignition Coil
(No. 1)
D23
Ignition Coil
(No. 4)
D21
Ignition Coil
(No. 6)
D16
Ignition Coil
(No. 7)
+B
GND
IGT1
IGT4
IGT6
IGT7
IGF1
B–Y
L–B
G
G–W
G–B
D72
Junction
Connector
20
19
21
22
18
40
34
104
36
38
D74(B)
Engine Control Module


B–R
B–R
B–R
B–R
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
D25
Ignition Coil
(No. 2)
D12
Ignition Coil
(No. 3)
D14
Ignition Coil
(No. 5)
D19
Ignition Coil
(No. 8)
+B
GND
IGT2
IGF2
IGT3
IGT5
IGT8
L–Y
R
B
G–R
G–B
D72
Junction
Connector
33
37
105
35
39
D74(B)
Engine Control Module
D3

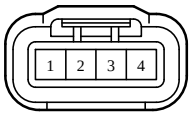
D 10
Black



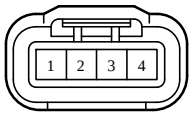
D 12
Black



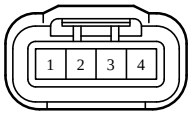
D 14
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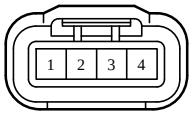
D 16
Black



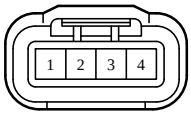
D 19
Black



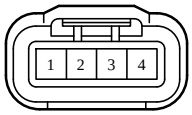
D 21
Black



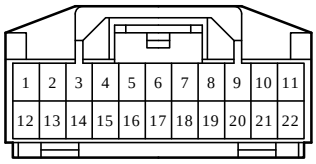
D 23
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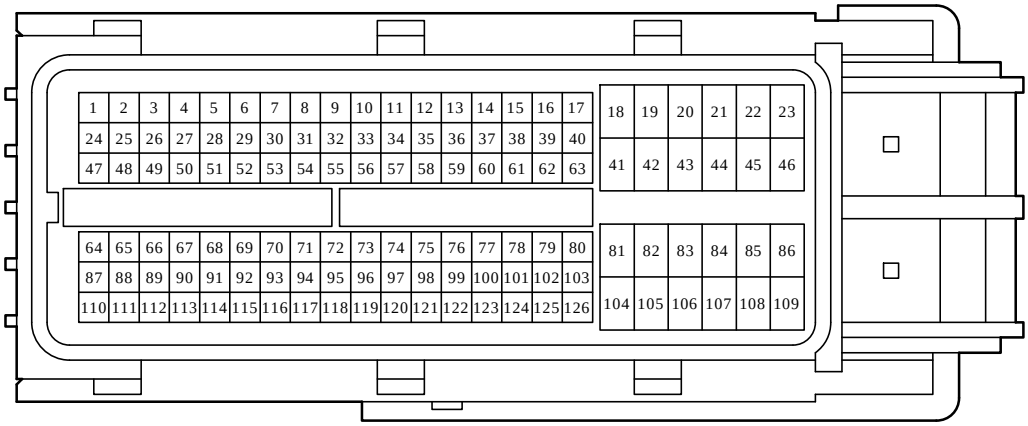
D 25
Black



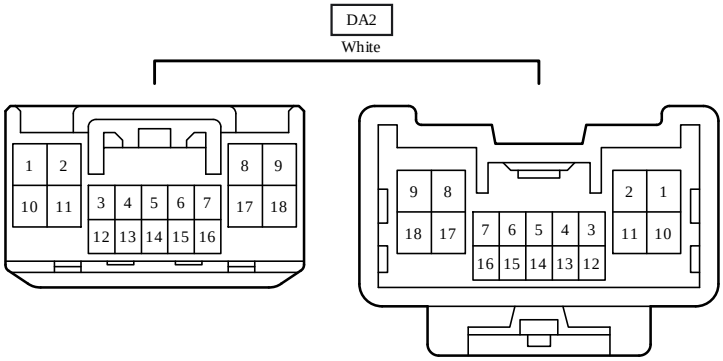
D 72
White

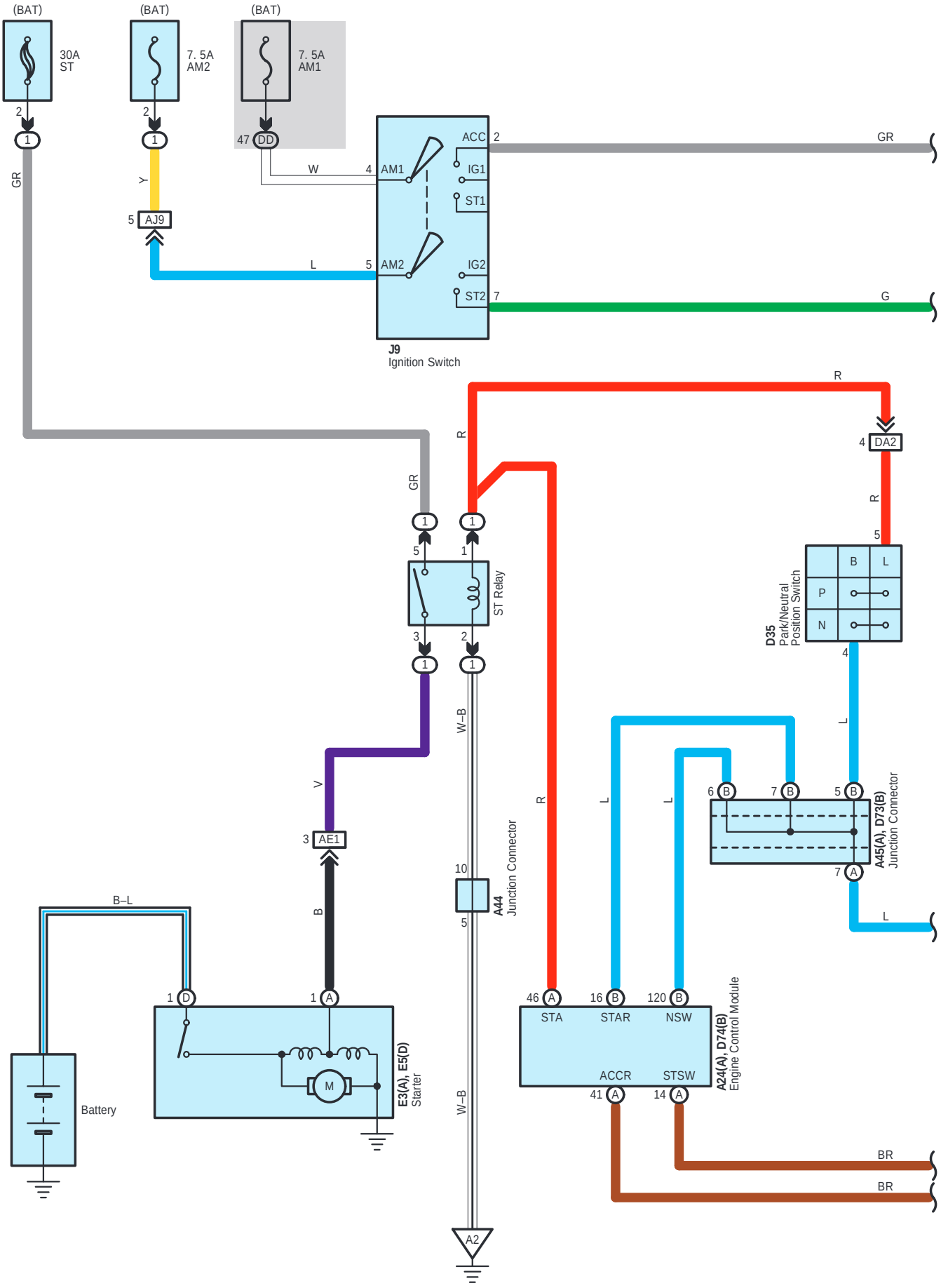


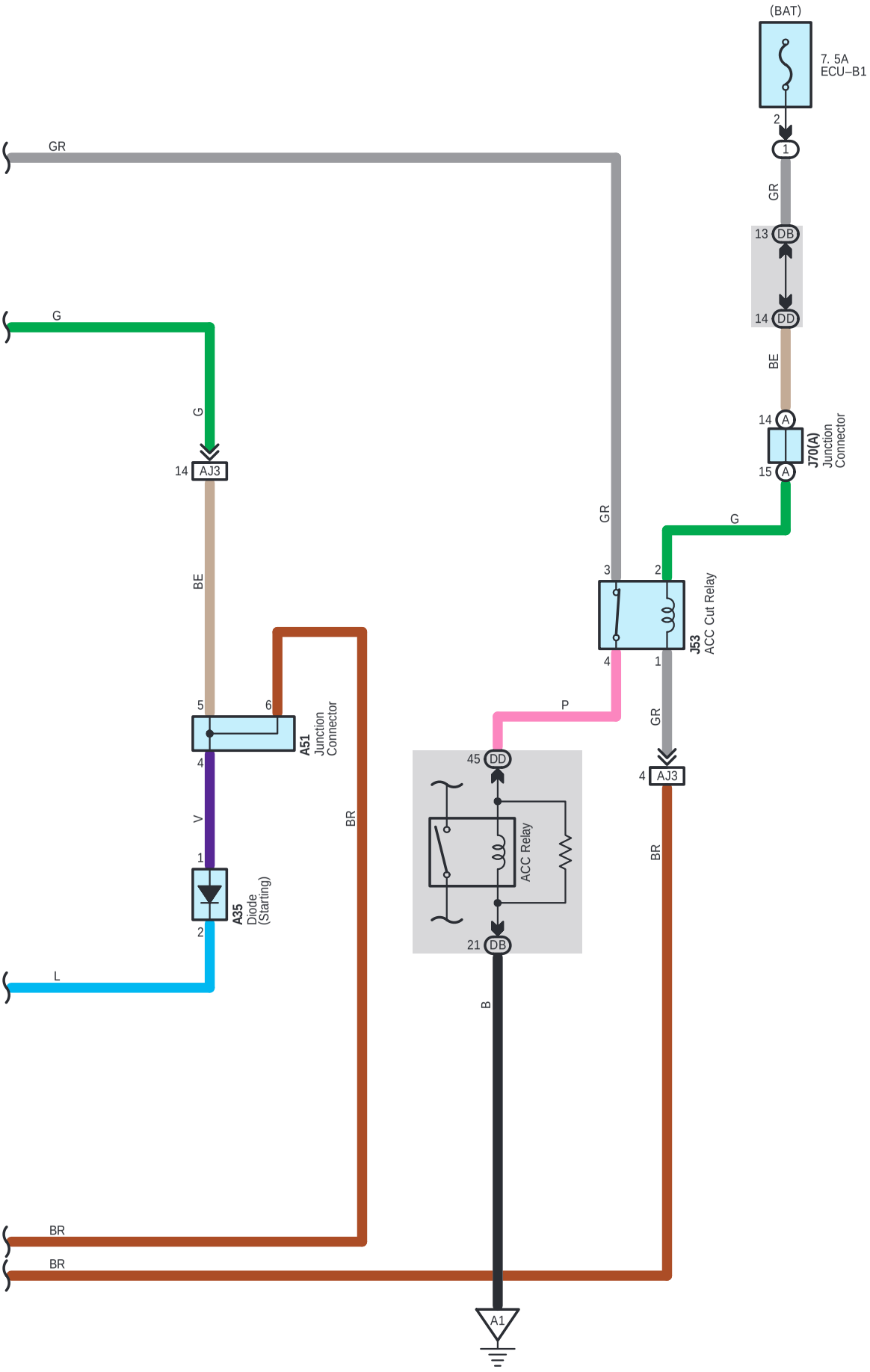
D 74
Black



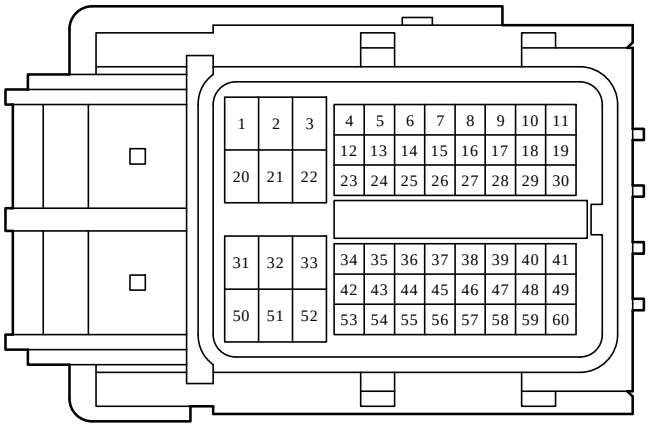
DA2
White




(BAT)
30A
ST
(BAT)
7. 5A
AM2
(BAT)
7. 5A
AM1
2
1
GR
Y
5
AJ9
47
DD
W
4
AM1
L
5
AM2
ACC
2
IG1
ST1
IG2
ST2
7
GR
G
J9
Ignition Switch
R
4
DA2
R
5
B
L
P
N
D35
Park/Neutral
Position Switch
4
L
R
GR
5
1
ST Relay
3
2
V
3
AE1
B
W–B
10
5
A44
Junction Connector
R
L
L
6
B
7
B
5
B
A45(A), D73(B)
Junction Connector
7
A
L
B–L
1
D
1
A
E3(A), E5(D)
Starter
M
Battery
46
A
STA
16
B
STAR
120
B
NSW
ACCR
STSW
41
A
14
A
A24(A), D74(B)
Engine Control Module
BR
BR
W–B
A2


(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
15 A
J70(A)
Junction
Connector
GR
G
3
2
4
1
J53
ACC Cut Relay
P
GR
4 AJ3
BR
45 DD
ACC Relay
21 DB
B
A1
GR
G
14 AJ3
BE
5
6
4
A51
Junction
Connector
V
1
2
A35
Diode
(Starting)
L
BR
BR
BR

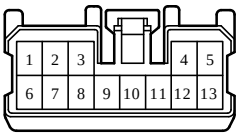
A 24
Black



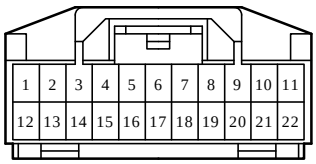
A 35
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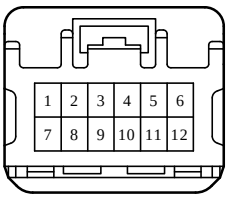
A 44
White



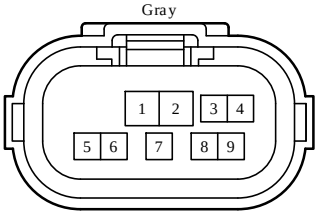
A 45
Blue



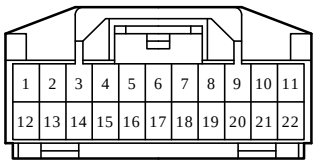
A 51
Black



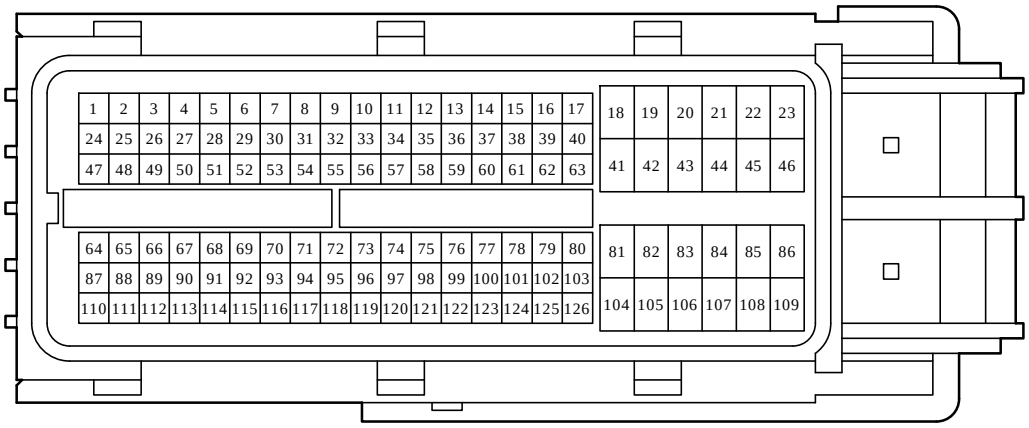
D 35
Gray



D 73
Blue



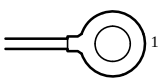
D 74
Black



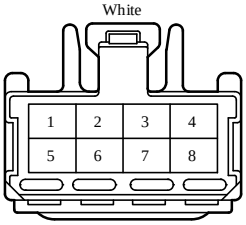
E 3
Black



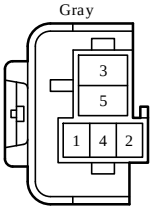
E 5



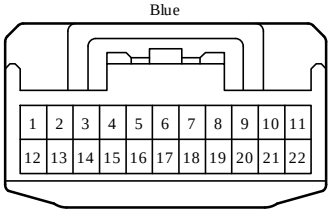
J 9
White



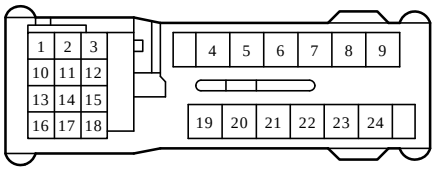
J 53
Gray



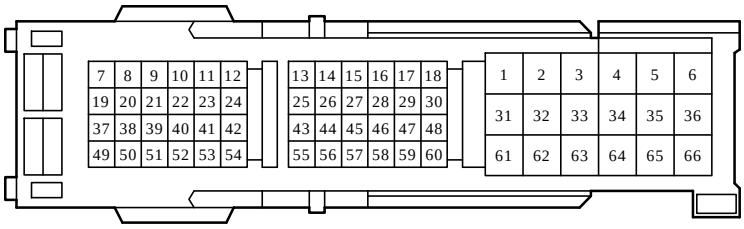
J 70
Blue



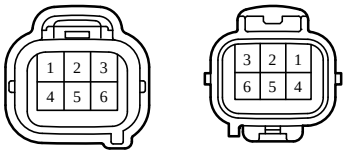
DB
White



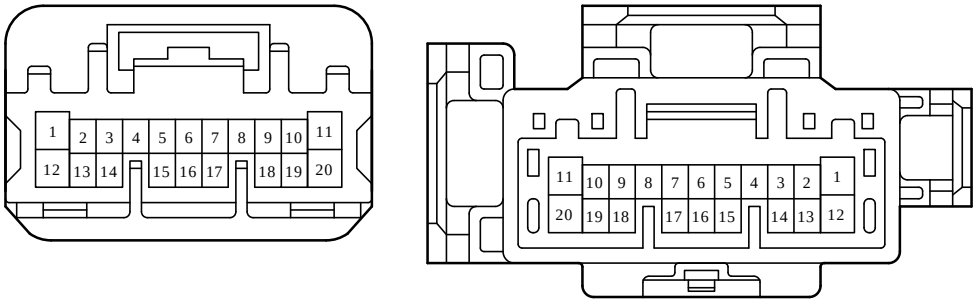
DD
White



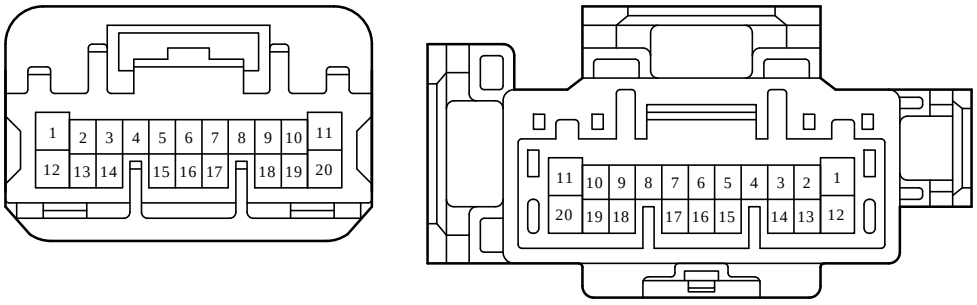
AE1
Gray



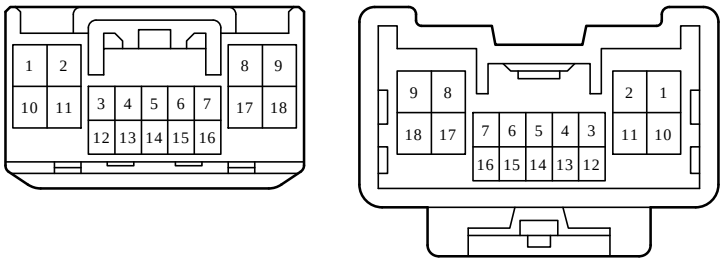
AJ3
White

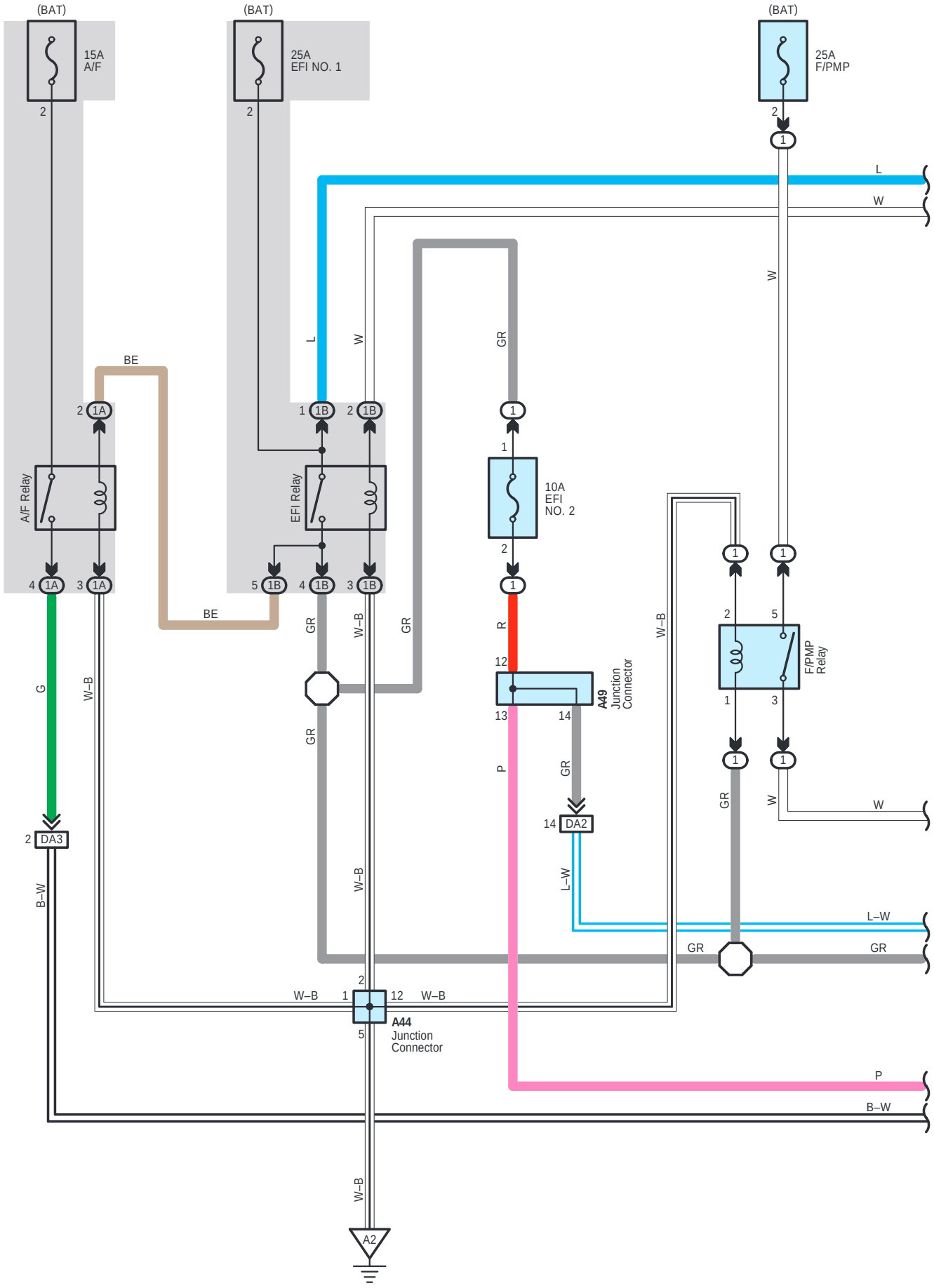


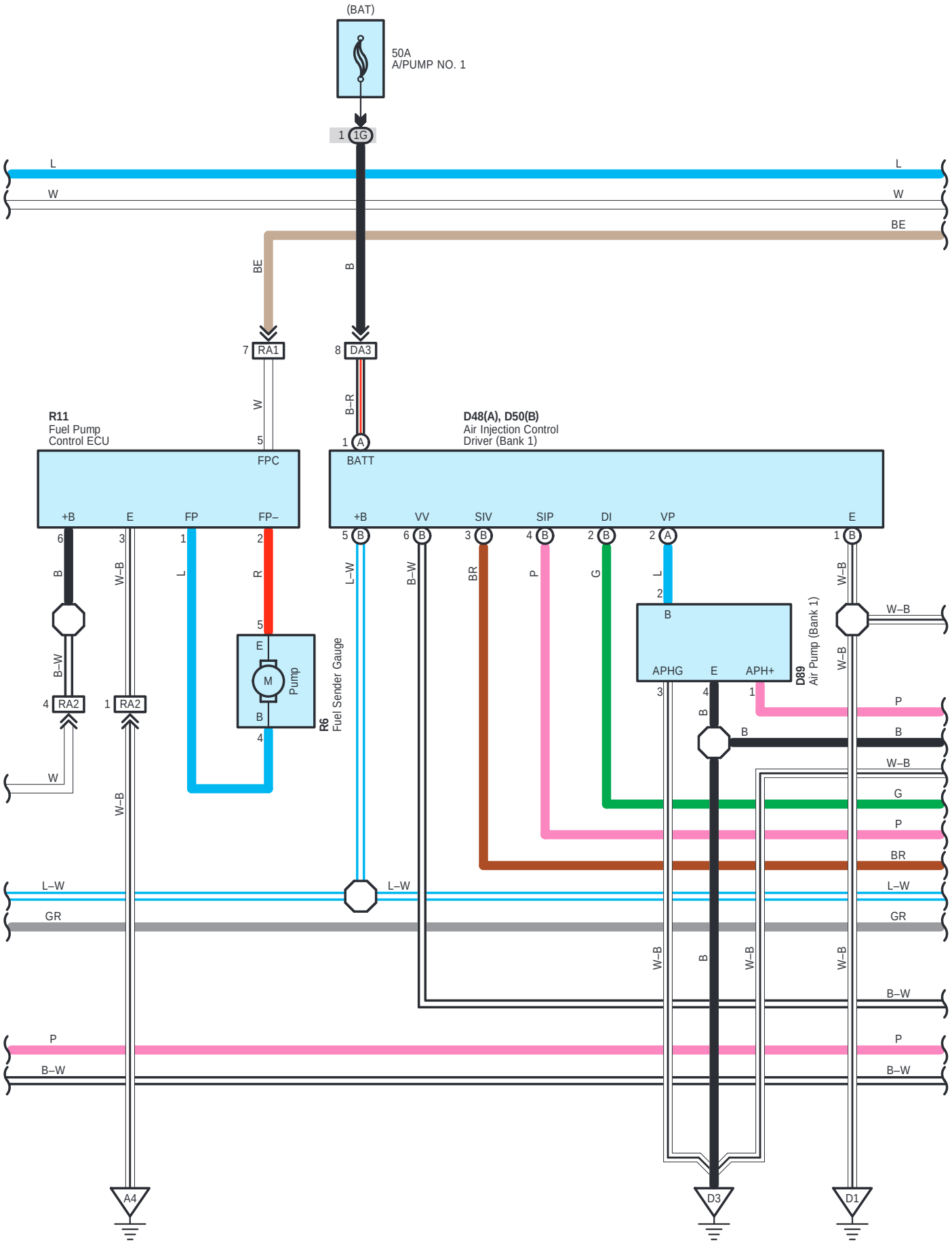
AJ9
White

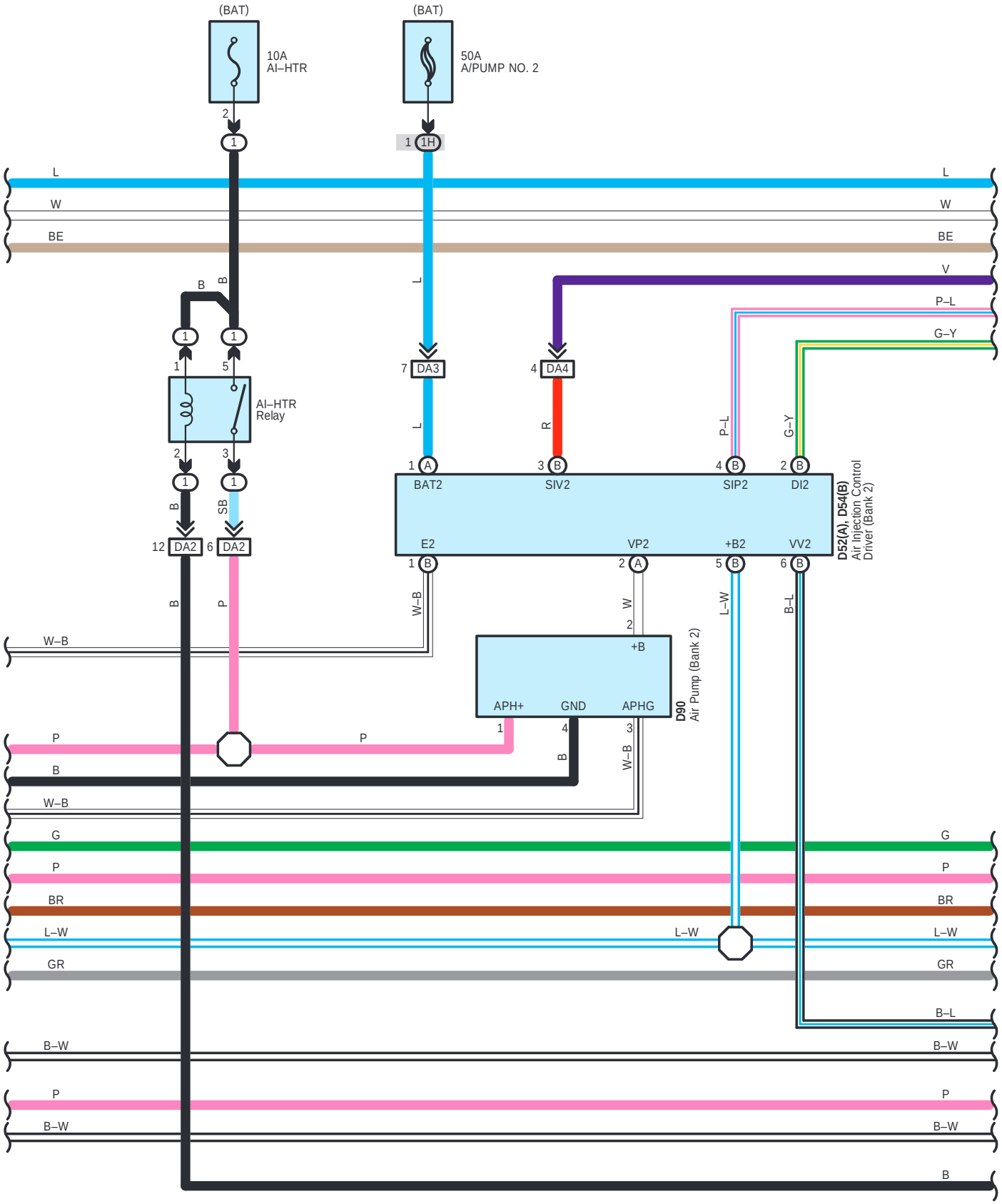


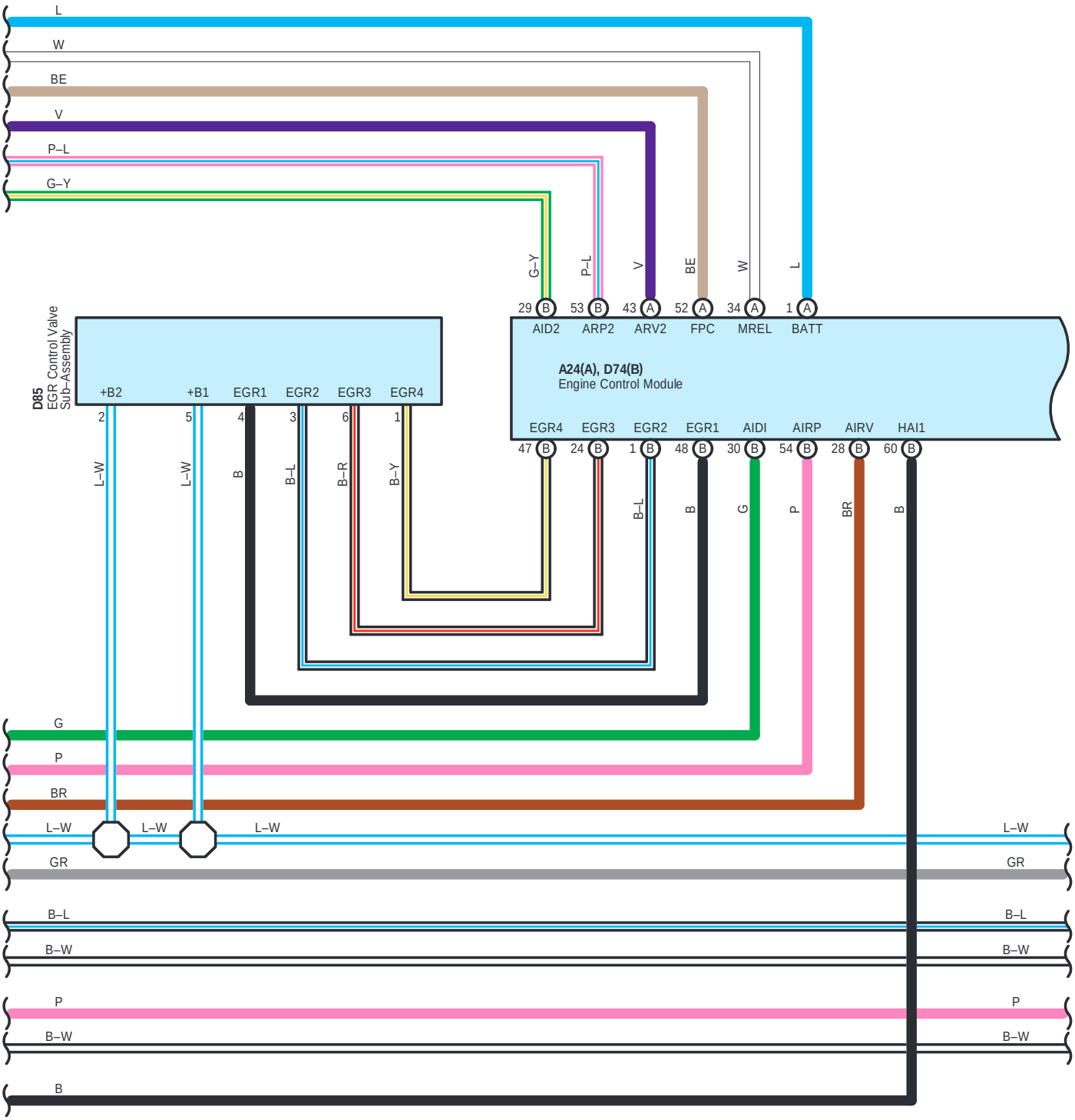
DA2
White

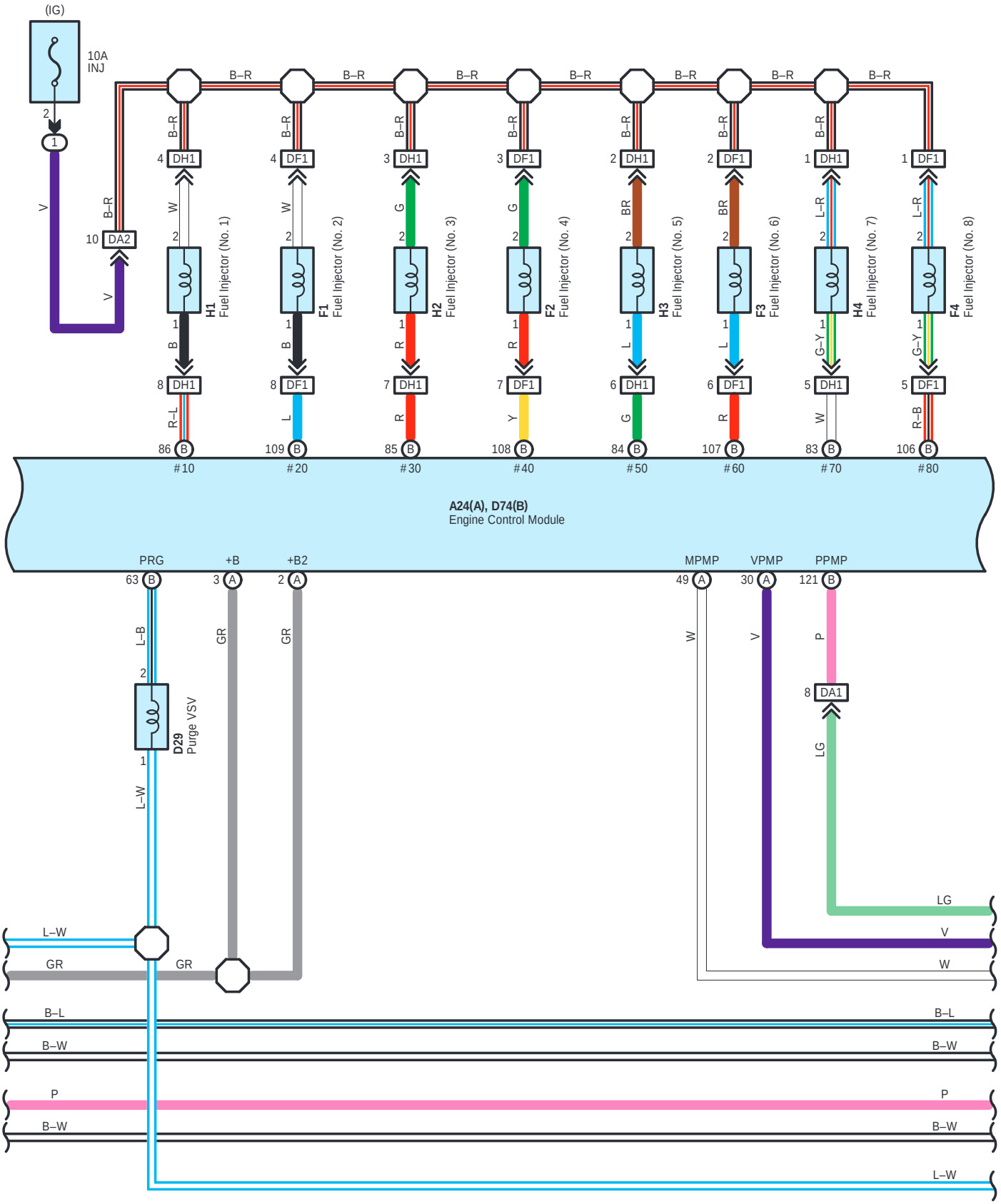


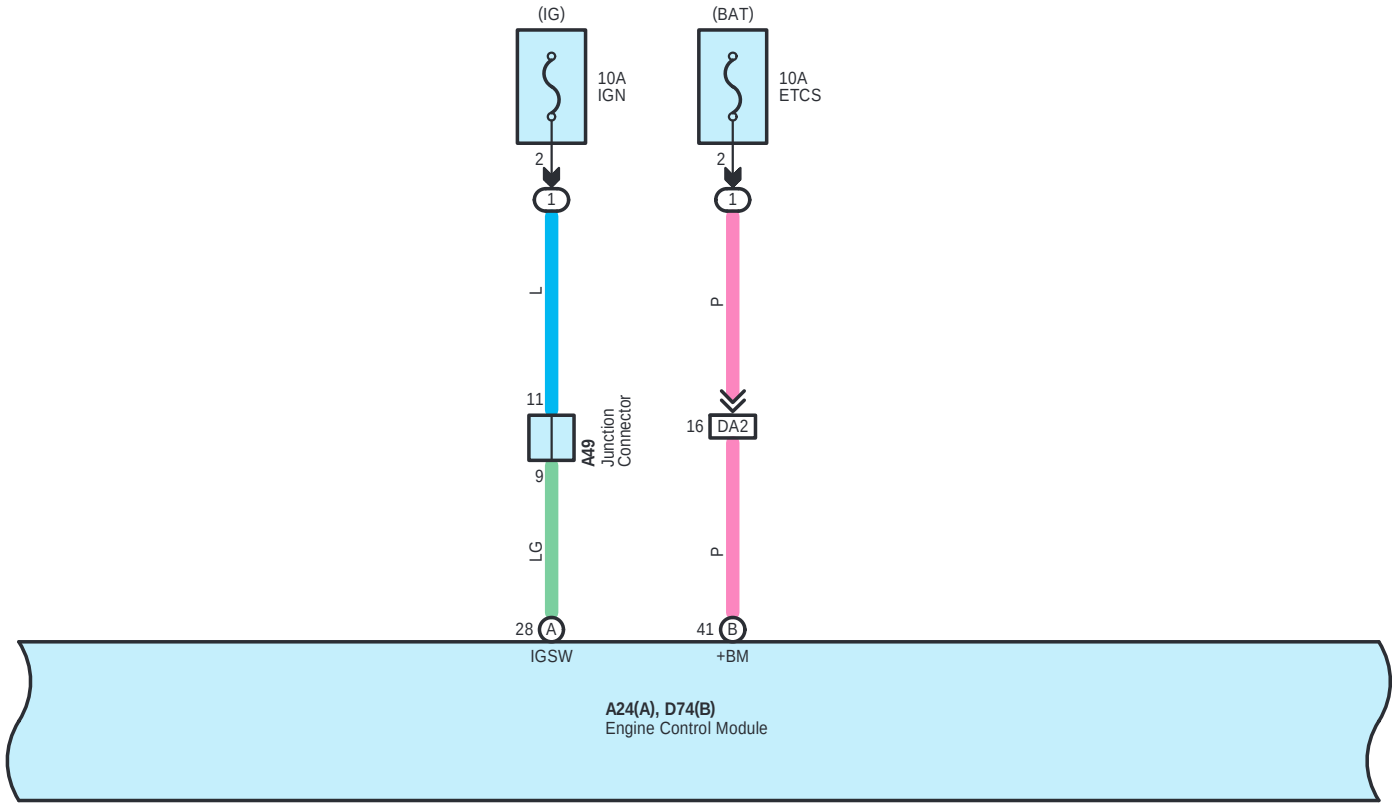

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
(BAT)
25A
F/PMP
2
1
L
W
W
L
W
GR
BE
2 1A
1 1B
2 1B
1
1
10A
EFI
NO. 2
2
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
1
1
BE
GR
W–B
GR
R
12
A49
Junction
Connector
13
14
W–B
2
5
F/PMP
Relay
1
3
G
W–B
GR
P
GR
1
1
GR
W
W
2 DA3
14 DA2
B–W
L–W
L–W
GR
GR
2
W–B
1
12
W–B
A44
Junction
Connector
5
P
B–W
W–B
A2

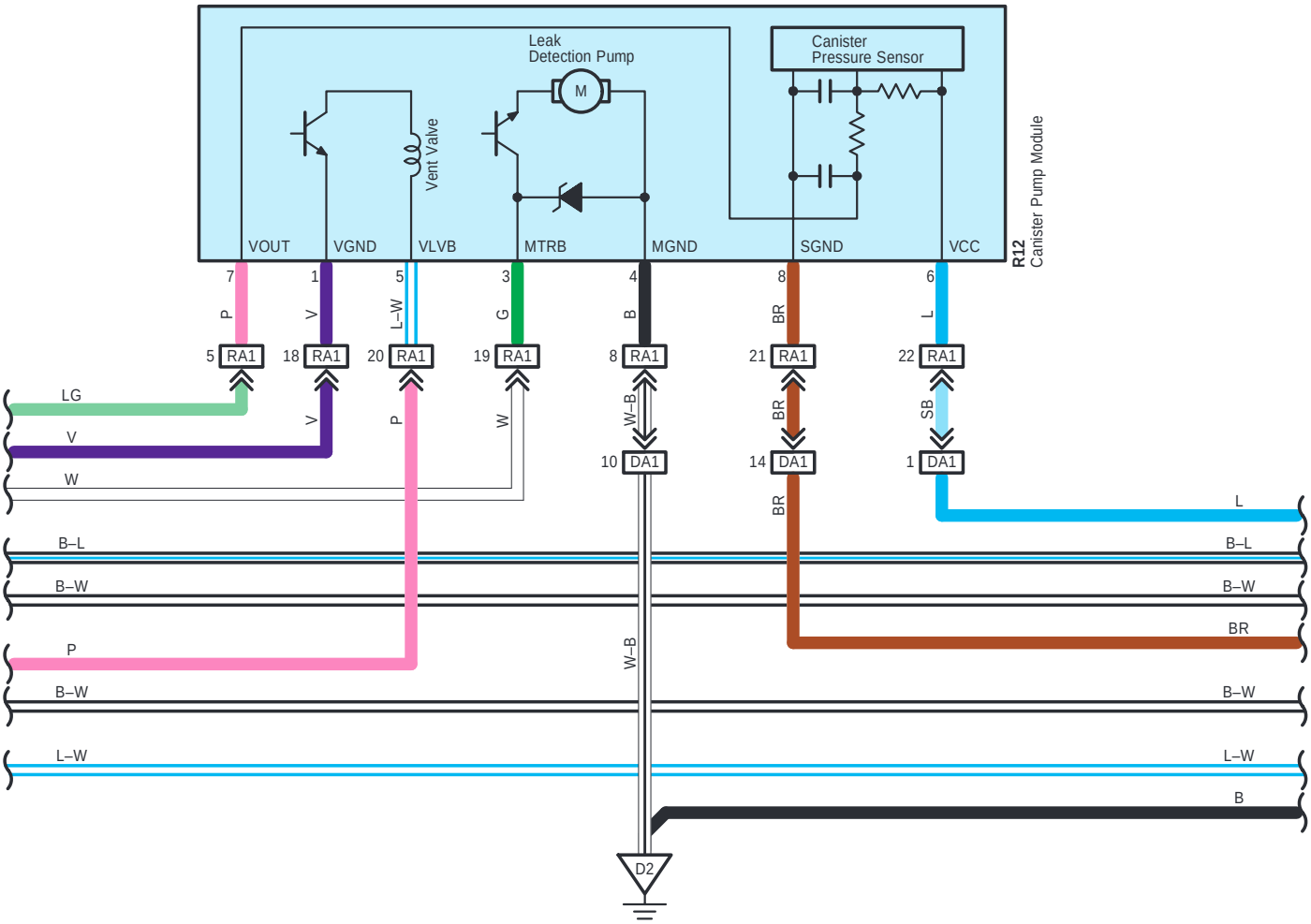

(BAT)
50A
A/PUMP NO. 1
1 1G
L
W
BE
B
7 RA1
8 DA3
W
B–R
R11
Fuel Pump
Control ECU
5 FPC
1 A
BATT
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
+B
E
FP
FP–
+B
VV
SIV
SIP
DI
VP
E
6 B
3 W–B
1 L
2 R
5 B
6 B
3 B
4 B
2 B
2 A
1 B
B
B–W
4 RA2
1 RA2
W
W–B
E
M
Pump
B
4
R6
Fuel Sender Gauge
L–W
B–W
BR
P
G
L
2
B
APHG
E
APH+
D89
Air Pump (Bank 1)
3
4
1
B
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
A4
D3
D1


(BAT)
10A
AI–HTR
2
1
(BAT)
50A
A/PUMP NO. 2
1 1H
L
W
BE
B
B
1
1
1
5
AI–HTR
Relay
2
3
1
1
B
SB
12 DA2
6 DA2
L
7 DA3
4 DA4
R
V
P–L
G–Y
1 A
BAT2
3 B
SIV2
4 B
SIP2
2 B
DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
E2
VP2
+B2
VV2
1 B
2 A
5 B
6 B
W–B
W
2
+B
L–W
B–L
D90
Air Pump (Bank 2)
APH+
GND
APHG
1
4
3
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
B

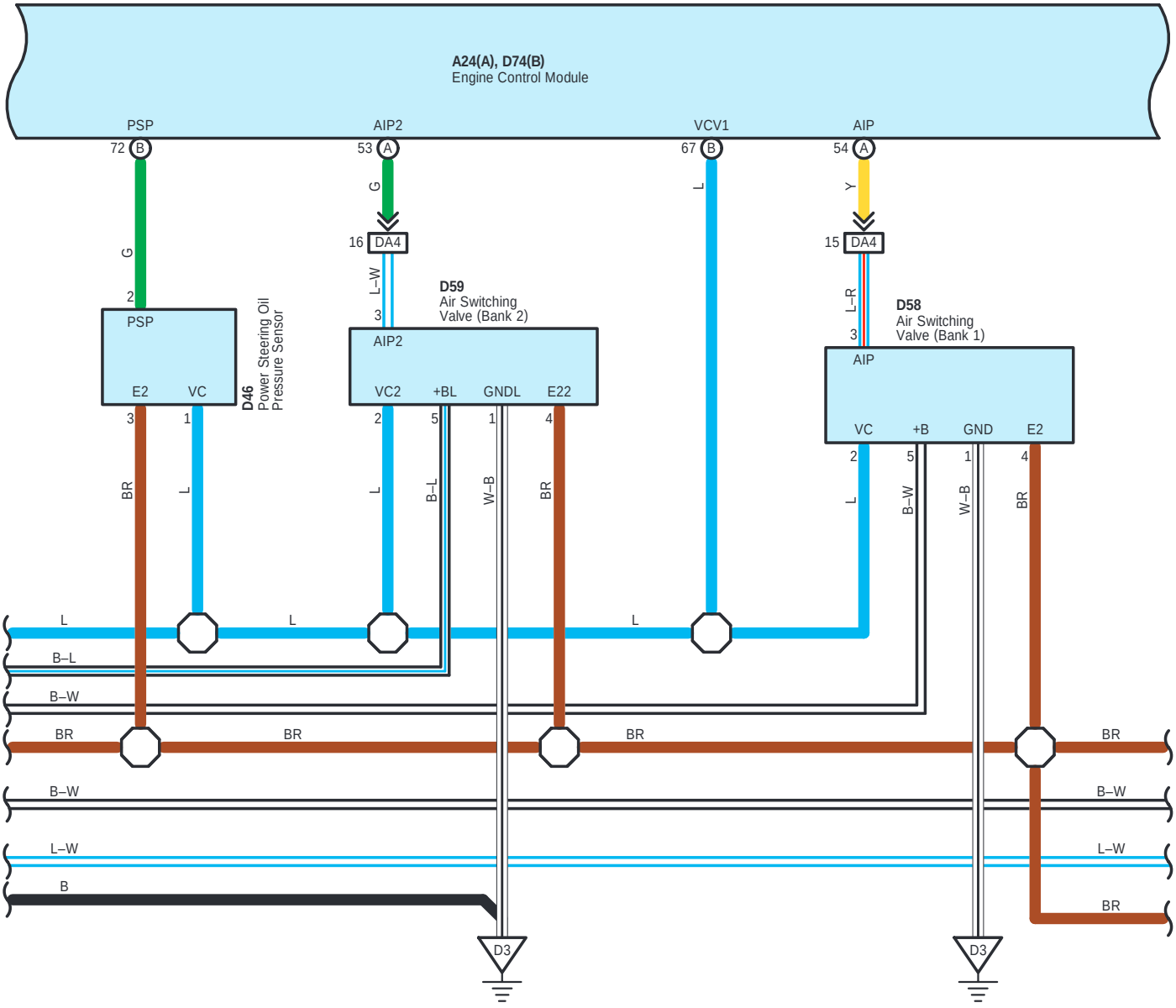

L
W
BE
V
P–L
G–Y
G–Y
P–L
V
BE
W
L
29 B
53 B
43 A
52 A
34 A
1 A
AID2
ARP2
ARV2
FPC
MREL
BATT
A24(A), D74(B)
Engine Control Module
EGR4
EGR3
EGR2
EGR1
AIDI
AIRP
AIRV
HAI1
47 B
24 B
1 B
48 B
30 B
54 B
28 B
60 B
D85
EGR Control Valve
Sub–Assembly
+B2
+B1
EGR1
EGR2
EGR3
EGR4
2
5
4
3
6
1
L–W
L–W
B
B–L
B–R
B–Y
B–L
B
G
P
BR
B
G
P
BR
L–W
L–W
L–W
L–W
GR
GR
B–L
B–L
B–W
B–W
P
P
B–W
B–W
B

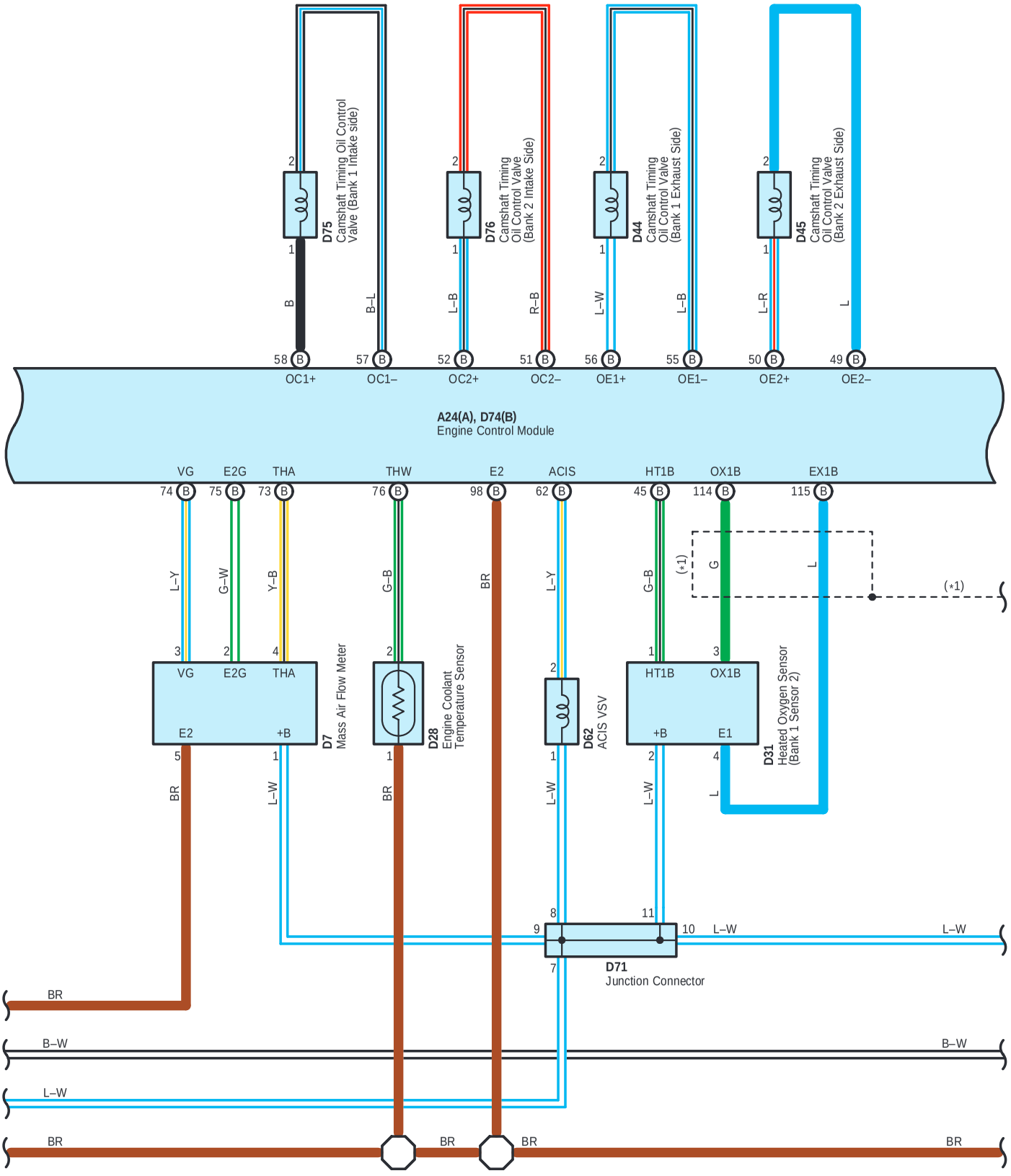

(IG)
10A
INJ
2
1
V
B–R
10 DA2
V
B–R
4 DH1
W
2
H1 Fuel Injector (No. 1)
1
B
8 DH1
R–L
86 B
#10
4 DF1
W
2
F1 Fuel Injector (No. 2)
1
B
8 DF1
L
109 B
#20
3 DH1
G
2
H2 Fuel Injector (No. 3)
1
R
7 DH1
R
85 B
#30
3 DF1
G
2
F2 Fuel Injector (No. 4)
1
R
7 DF1
Y
108 B
#40
2 DH1
BR
2
H3 Fuel Injector (No. 5)
1
L
6 DH1
G
84 B
#50
2 DF1
BR
2
F3 Fuel Injector (No. 6)
1
L
6 DF1
R
107 B
#60
1 DH1
L–R
2
H4 Fuel Injector (No. 7)
1
G–Y
5 DH1
W
83 B
#70
1 DF1
L–R
2
F4 Fuel Injector (No. 8)
1
G–Y
5 DF1
R–B
106 B
#80
A24(A), D74(B)
Engine Control Module
PRG
63 B
L–B
2
D29 Purge VSV
1
L–W
+B
3 A
GR
+B2
2 A
GR
MPMP
49 A
W
VPMP
30 A
V
PPMP
121 B
P
8 DA1
LG
LG
V
W
L–W
GR
GR
B–L
B–W
P
B–W
B–L
B–W
P
B–W
L–W

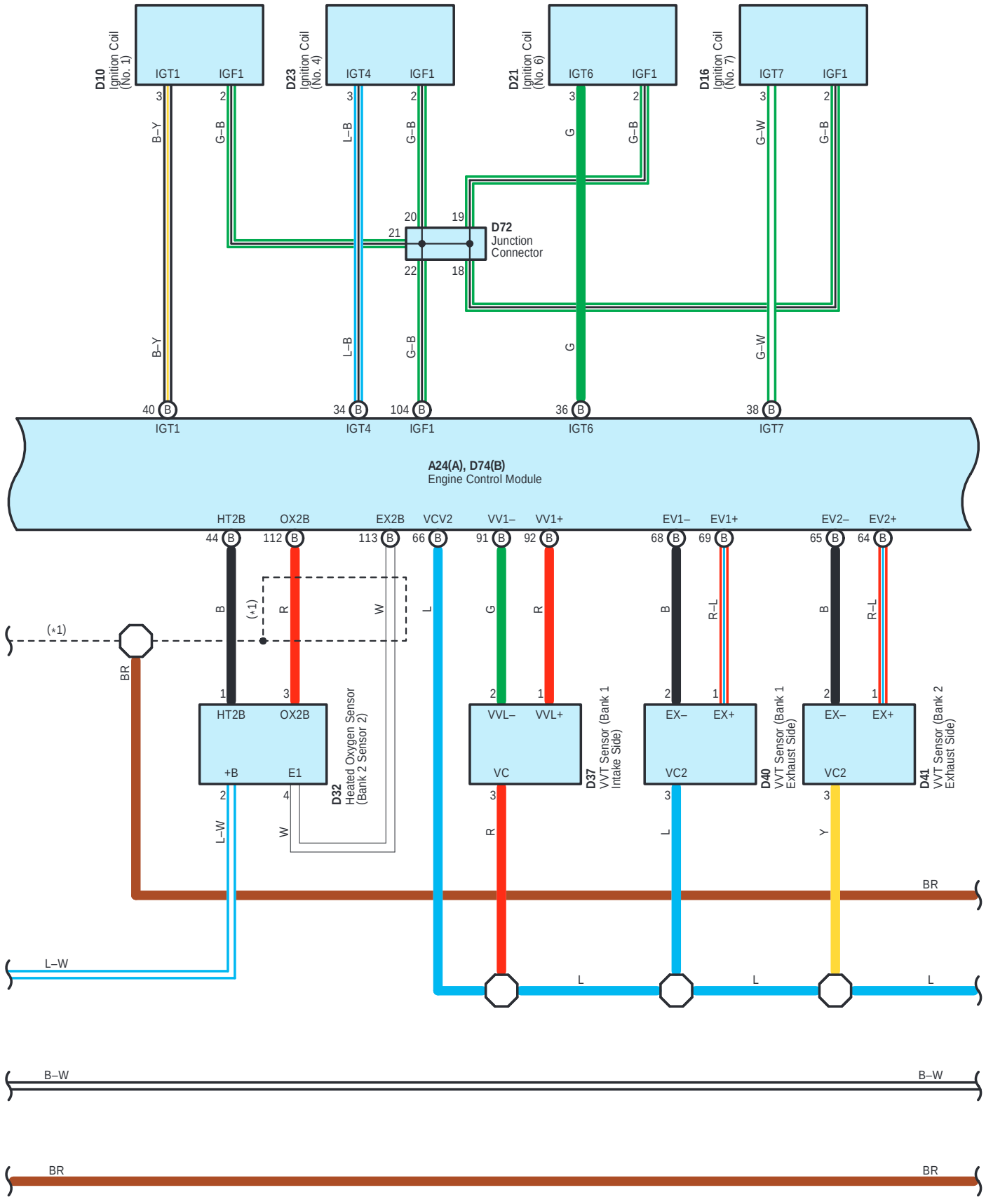

(IG)
10A
IGN
(BAT)
10A
ETCS
2
1
L
P
11
A49
Junction
Connector
9
LG
16
DA2
28
A
IGSW
41
B
+BM
A24(A), D74(B)
Engine Control Module

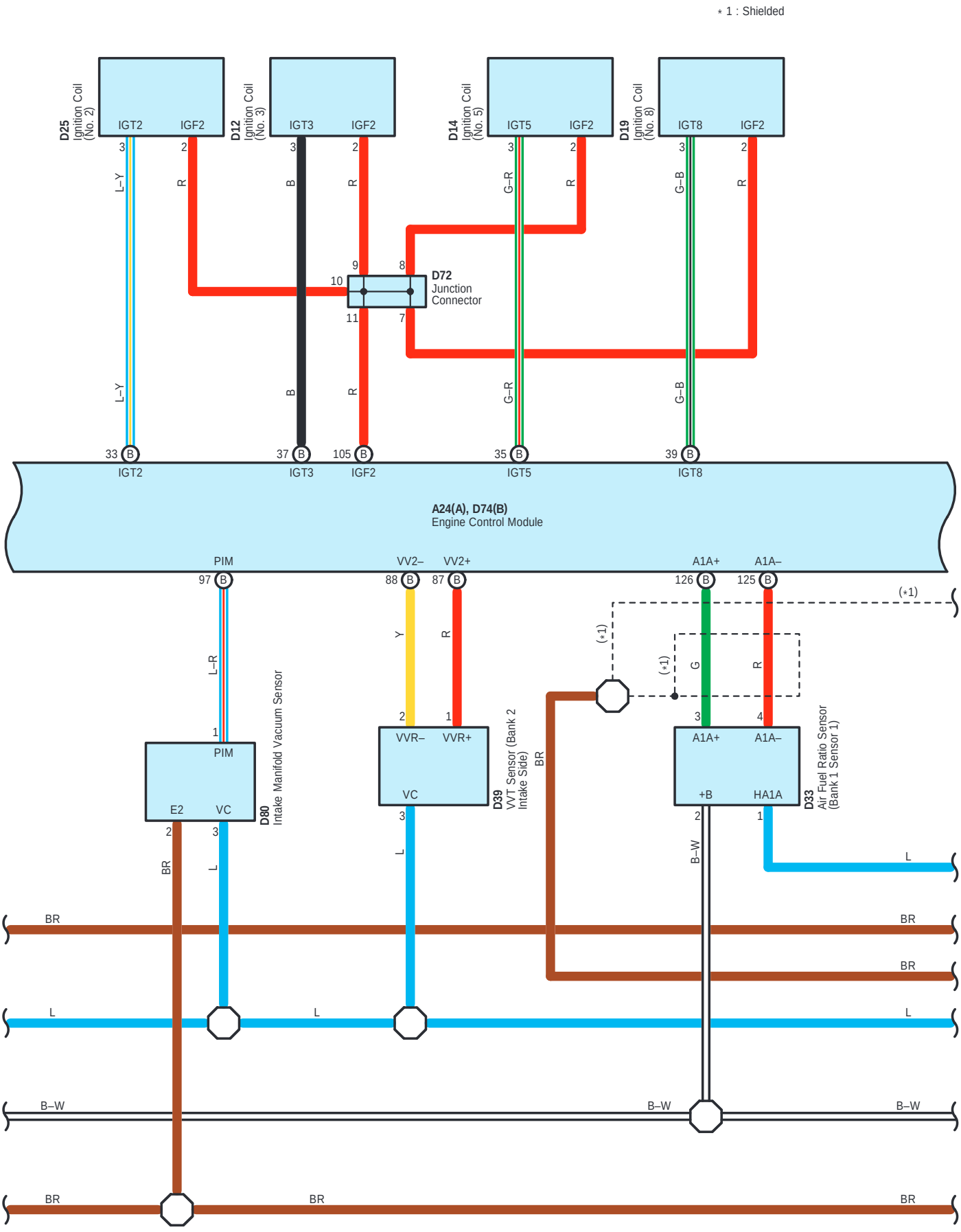

Leak
Detection Pump
M
Vent Valve
Canister
Pressure Sensor
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
R12
Canister Pump Module
7
1
5
3
4
8
6
P
V
L–W
G
B
BR
L
5
RA1
18
RA1
20
RA1
19
RA1
8
RA1
21
RA1
22
RA1
LG
V
W
P
W
W–B
BR
SB
10
DA1
14
DA1
1
DA1
B–L
B–W
P
B–W
L–W
W–B
BR
L
B–L
B–W
B–W
L–W
B
D2

* 1 : Shielded

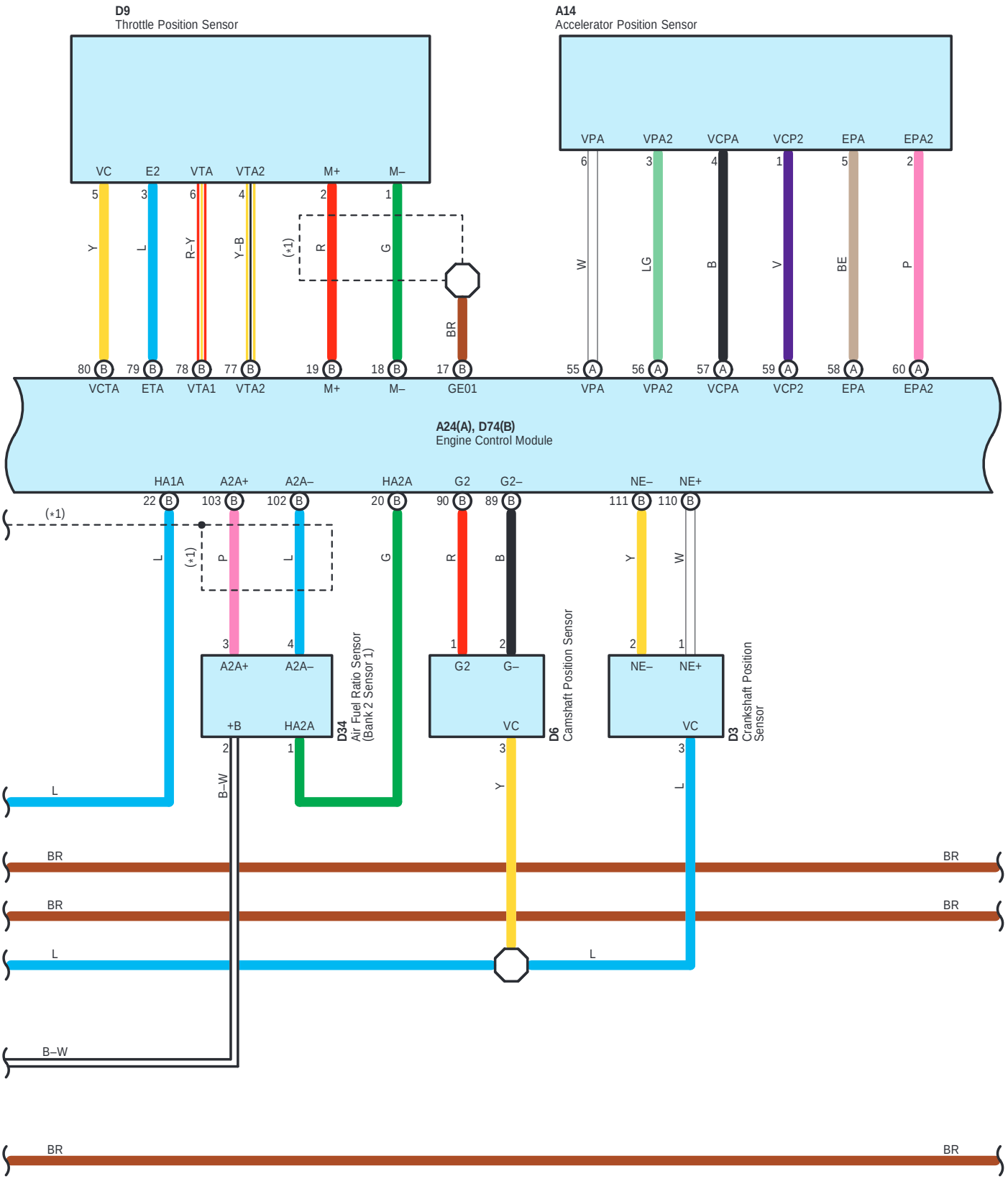

A24(A), D74(B)
Engine Control Module
PSP
AIP2
VCV1
AIP
72 B
53 A
67 B
54 A
G
G
L
Y
16 DA4
15 DA4
L–W
L–R
2
3
3
PSP
E2
VC
D46
Power Steering Oil Pressure Sensor
D59
Air Switching Valve (Bank 2)
AIP2
VC2
+BL
GNDL
E22
D58
Air Switching Valve (Bank 1)
AIP
VC
+B
GND
E2
3
1
2
5
1
4
2
5
1
4
BR
L
L
B–L
W–B
BR
L
B–W
W–B
BR
L
L
L
B–L
B–W
BR
BR
BR
BR
B–W
B–W
L–W
L–W
B
BR
D3
D3

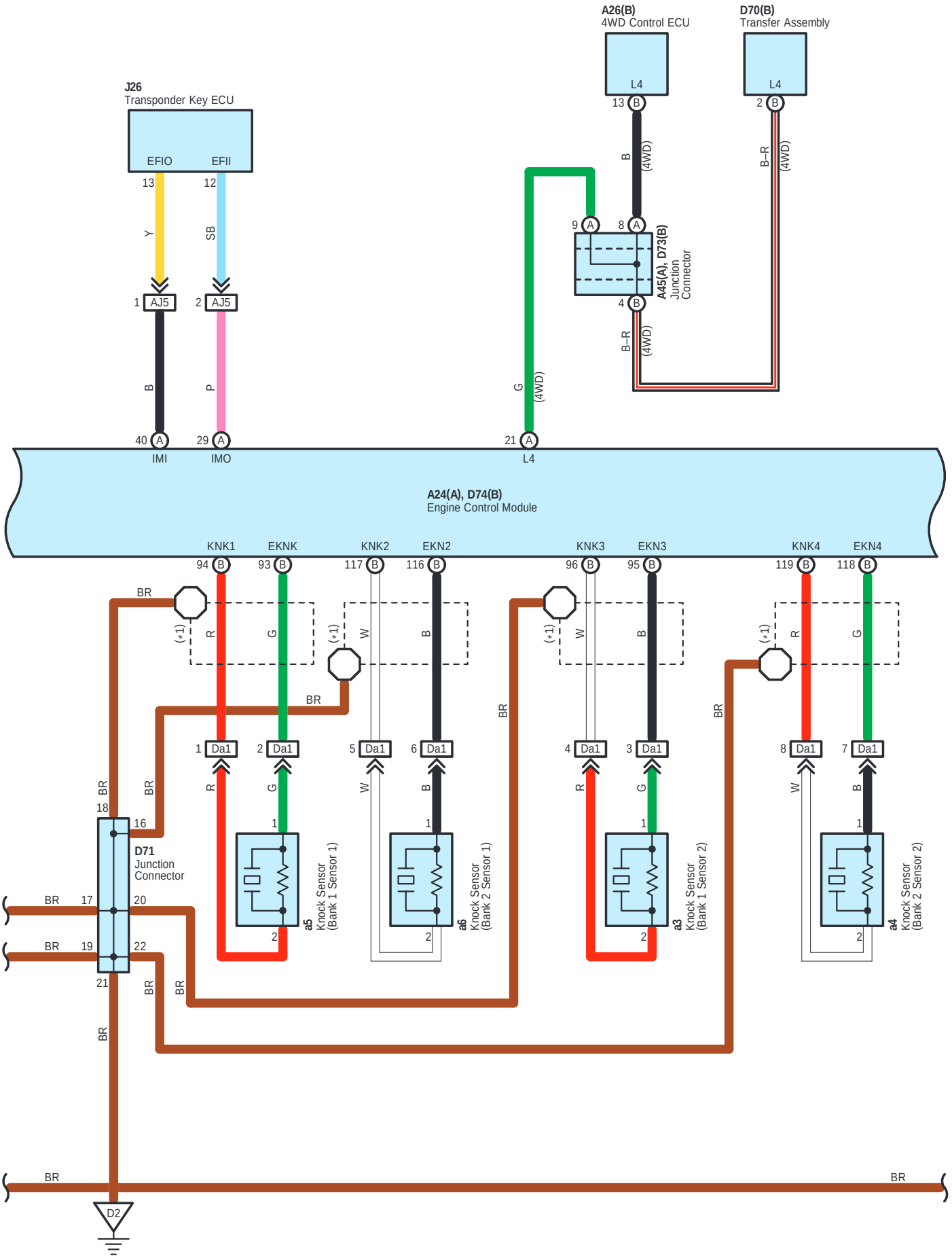

D75
Camshaft Timing Oil Control Valve (Bank 1 Intake side)
D76
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
D44
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
D45
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A24(A), D74(B)
Engine Control Module
VG
E2G
THA
THW
E2
ACIS
HT1B
OX1B
EX1B
74
75
73
76
98
62
45
114
115
L–Y
G–W
Y–B
G–B
BR
L–Y
G–B
G
L
(*1)
D7
Mass Air Flow Meter
D28
Engine Coolant Temperature Sensor
D62
ACIS VSV
D31
Heated Oxygen Sensor (Bank 1 Sensor 2)
BR
L–W
BR
L–W
L–W
L
D71
Junction Connector
L–W
BR
B–W
L–W
BR
BR
BR
B–W

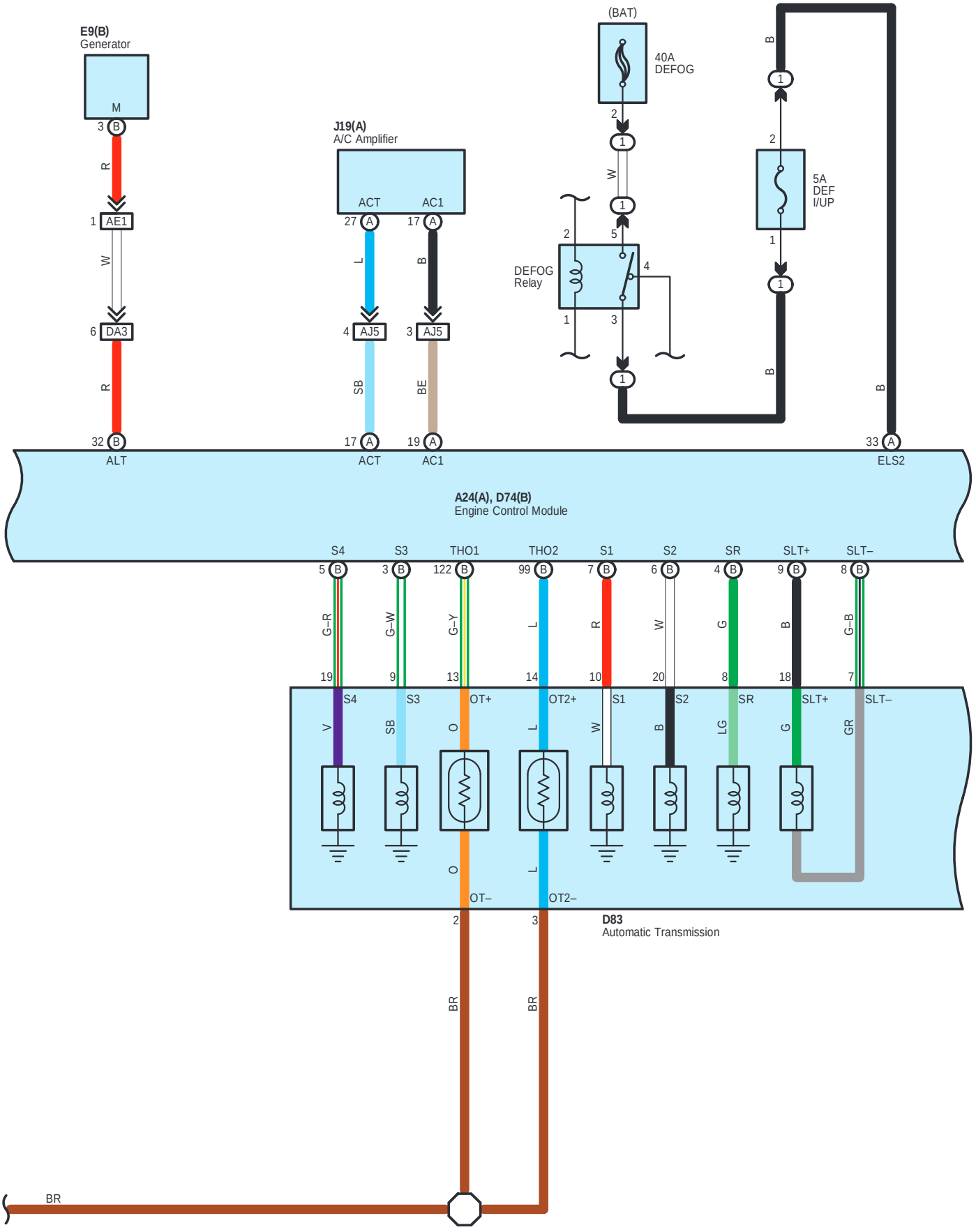

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
B–Y
G–B
L–B
G
G–W
D72 Junction Connector
A24(A), D74(B) Engine Control Module
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
(*1)
BR
L–W
W
L
R–L
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
+B
E1
VVL–
VVL+
VC
D37 VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40 VVT Sensor (Bank 1 Exhaust Side)
D41 VVT Sensor (Bank 2 Exhaust Side)
Y
B–W
BR

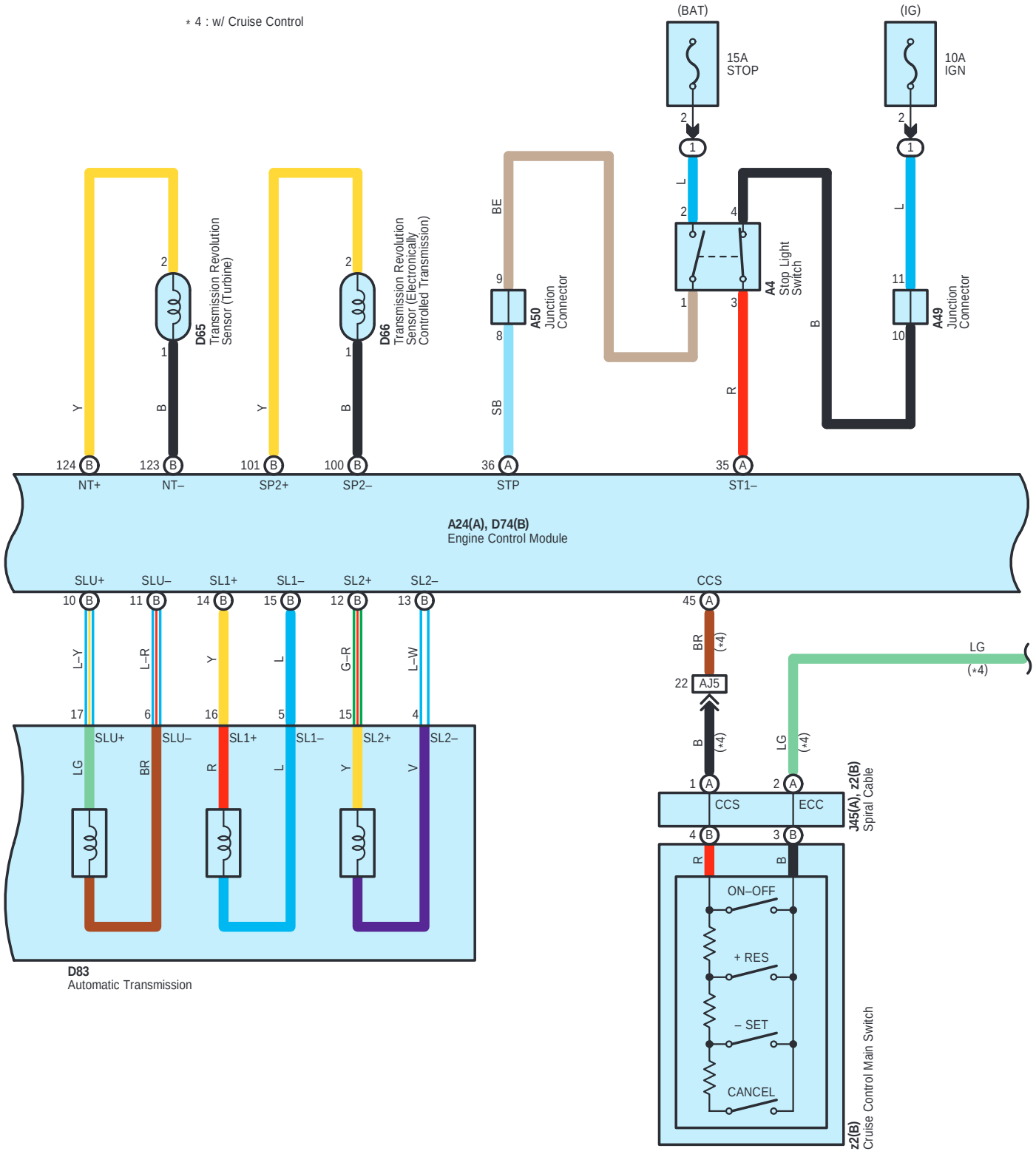

*1 : Shielded
D25 Ignition Coil (No. 2)
D12 Ignition Coil (No. 3)
D14 Ignition Coil (No. 5)
D19 Ignition Coil (No. 8)
IGT2
IGF2
IGT3
IGT5
IGT8
D72 Junction Connector
A24(A), D74(B) Engine Control Module
PIM
VV2–
VV2+
A1A+
A1A–
D80 Intake Manifold Vacuum Sensor
D39 VVT Sensor (Bank 2 Intake Side)
D33 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
VVR–
VVR+
E2
VC
+B
HA1A
L–Y
L–R
R
B
G–R
G–B
Y
G
BR
L
B–W

* 1 : Shielded

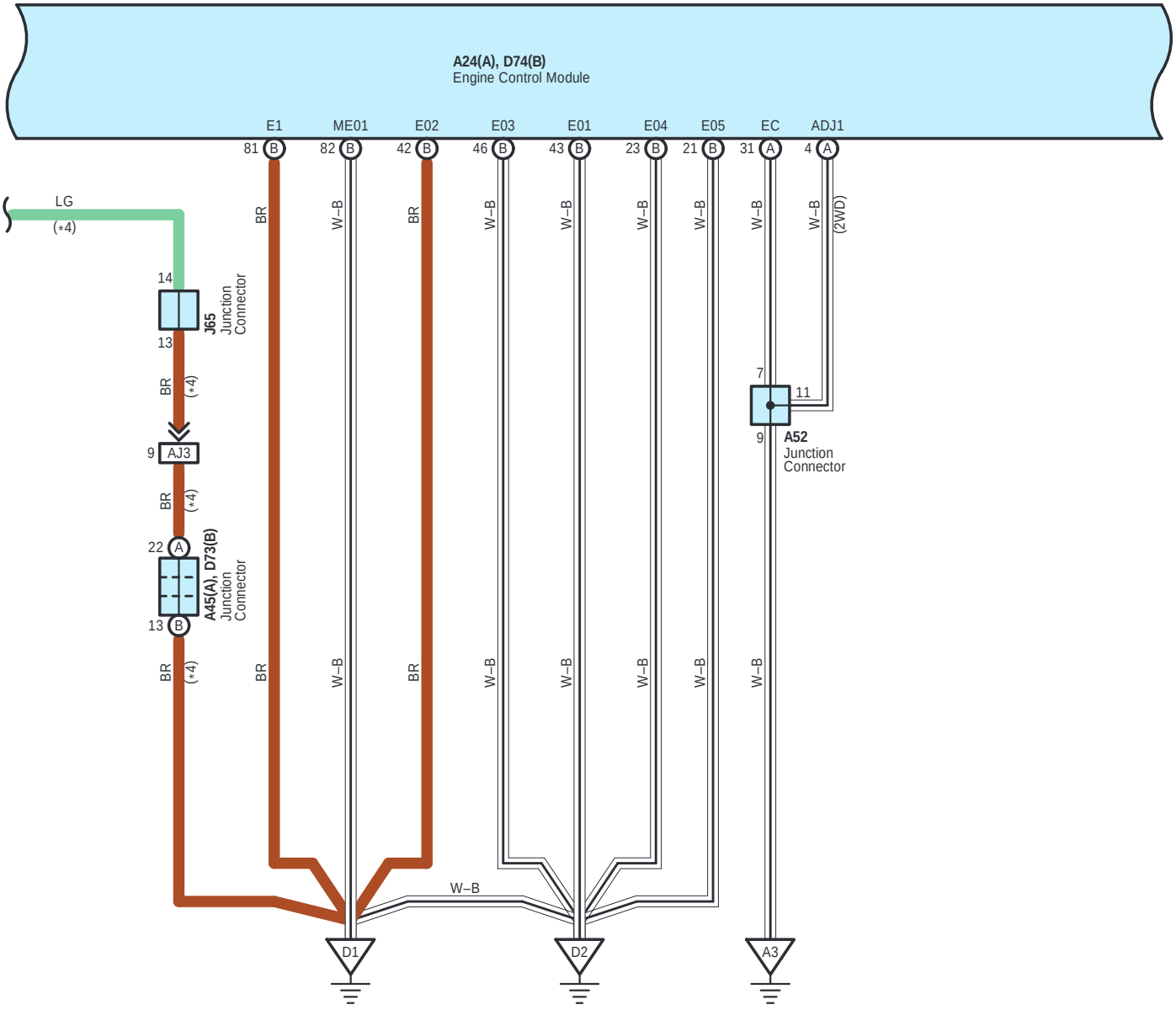

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A24(A), D74(B)
Engine Control Module
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
D6
Camshaft Position Sensor
D3
Crankshaft Position
Sensor
(*1)
BR
BR
BR
BR
B–W
BR
BR

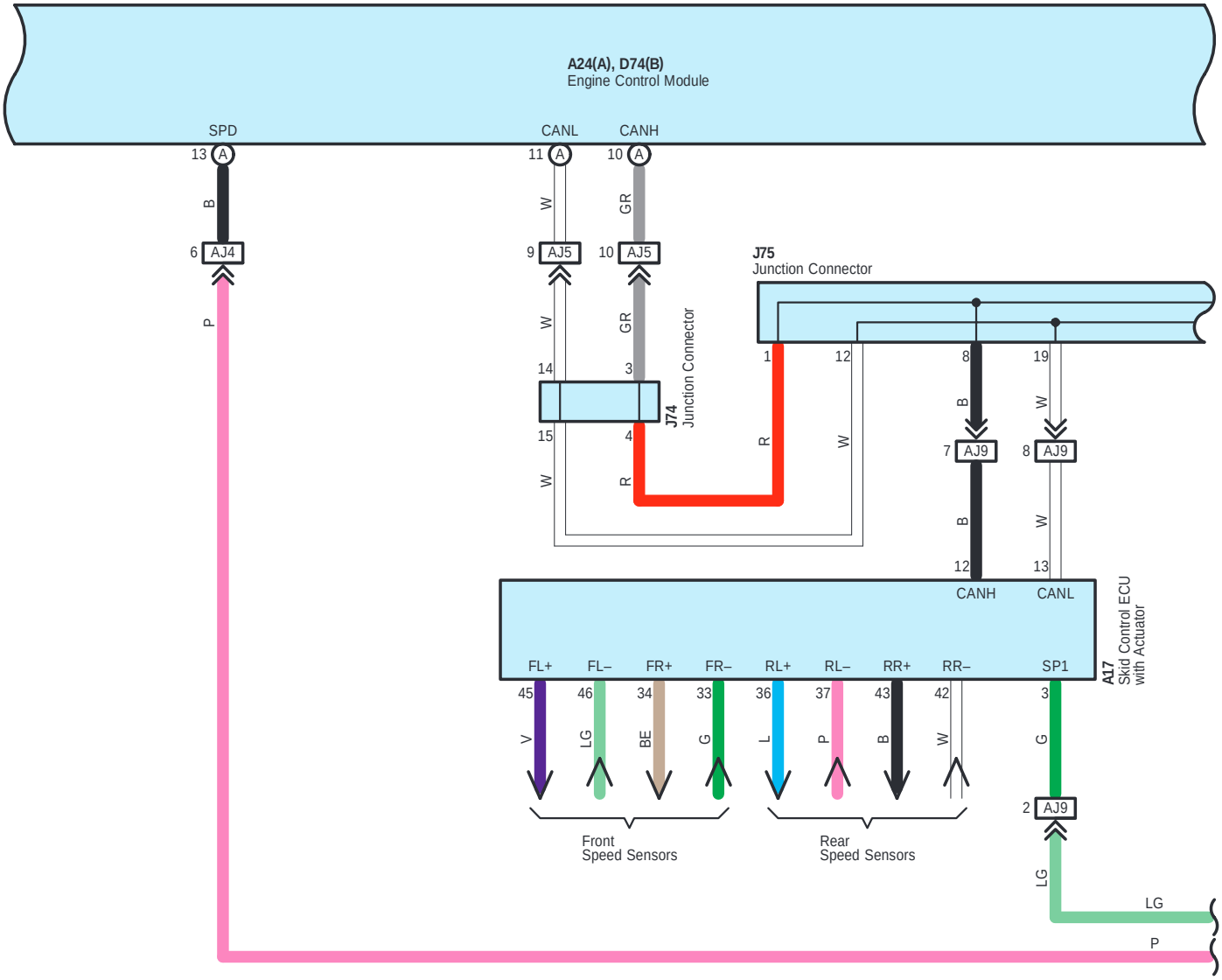

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
J26
Transponder Key ECU
EFIO
EFII
L4
A45(A), D73(B)
Junction Connector
A24(A), D74(B)
Engine Control Module
IMI
IMO
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
D71
Junction Connector
a5 Knock Sensor (Bank 1 Sensor 1)
a6 Knock Sensor (Bank 2 Sensor 1)
a3 Knock Sensor (Bank 1 Sensor 2)
a4 Knock Sensor (Bank 2 Sensor 2)
D2

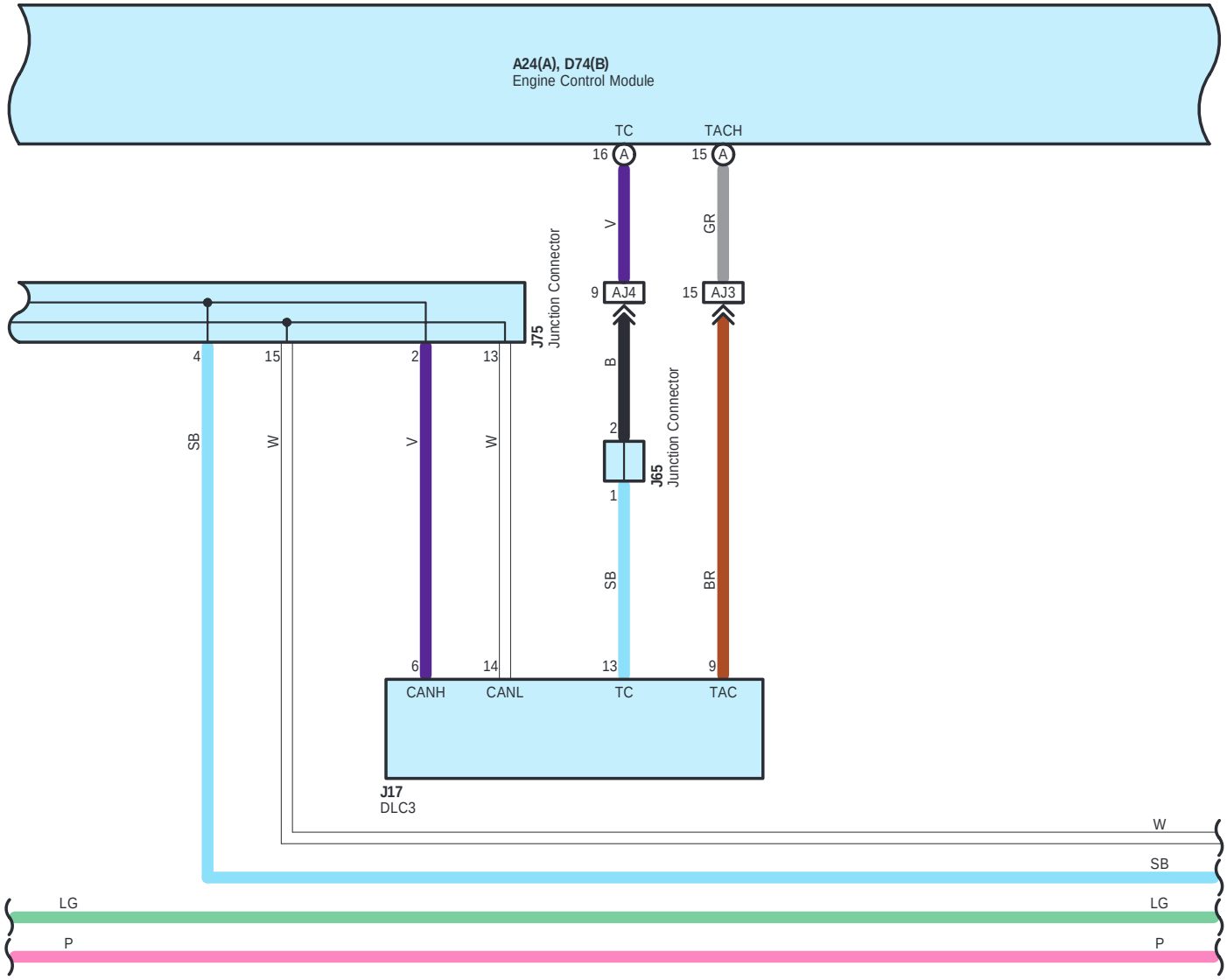

E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
19 A
ACT
AC1
(BAT)
40A
DEFOG
2
1
W
1
2
5
4
DEFOG
Relay
1
3
1
B
1
2
5A
DEF
I/UP
1
1
B
B
33 A
ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
G–R
G–W
G–Y
L
R
W
G
B
G–B
19
9
13
14
10
20
8
18
7
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
V
SB
O
L
W
B
LG
G
GR
O
L
OT–
OT2–
2
3
D83
Automatic Transmission
BR
BR
BR


* 4 : w/ Cruise Control
(BAT)
15A
STOP
(IG)
10A
IGN
D65
Transmission Revolution Sensor (Turbine)
D66
Transmission Revolution Sensor (Electronically Controlled Transmission)
A50
Junction Connector
A4
Stop Light Switch
A49
Junction Connector
124 NT+
123 NT–
101 SP2+
100 SP2–
36 STP
35 ST1–
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
D83
Automatic Transmission
J45(A), z2(B)
Spiral Cable
z2(B)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
AJ5
LG
(*4)

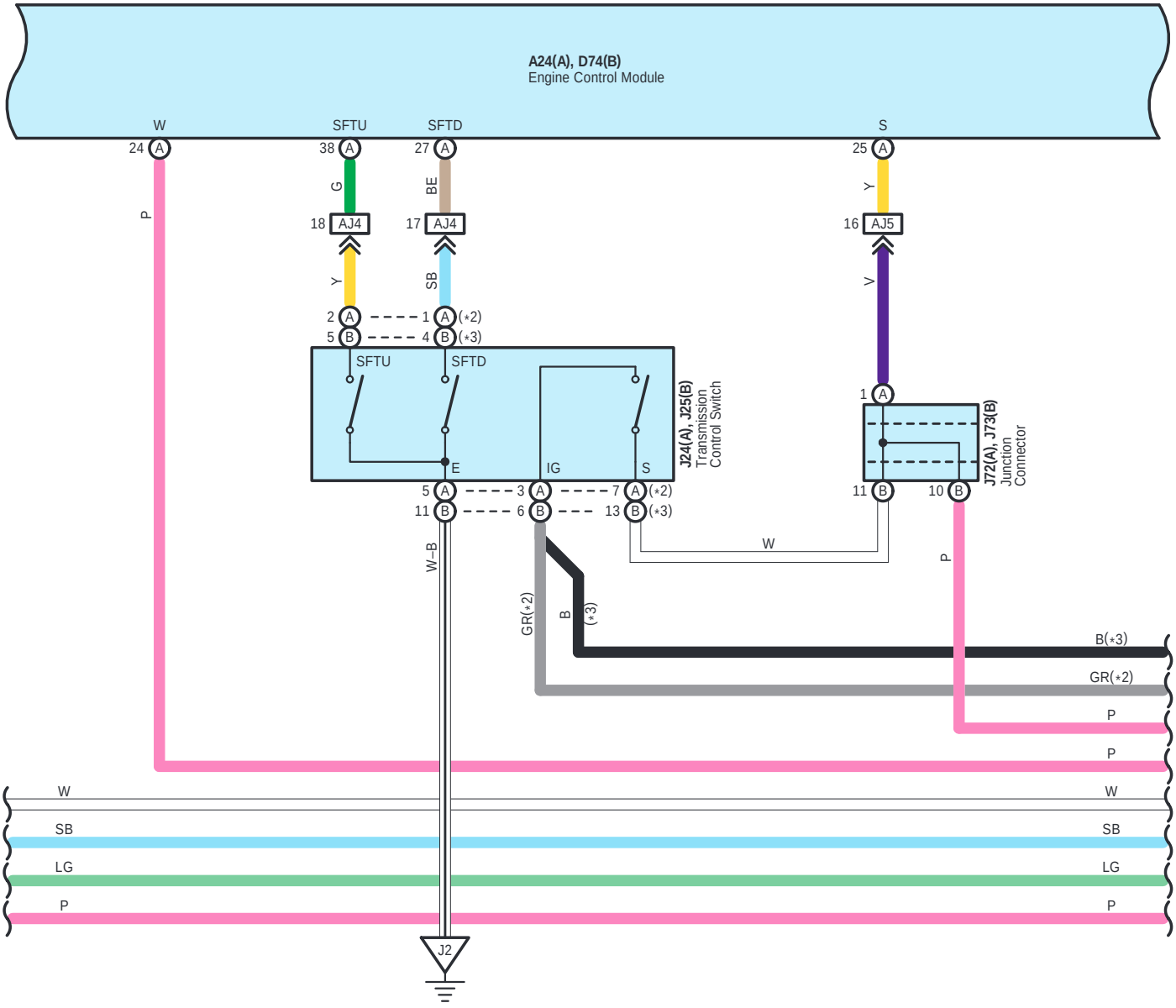
* 4 : w/ Cruise Control

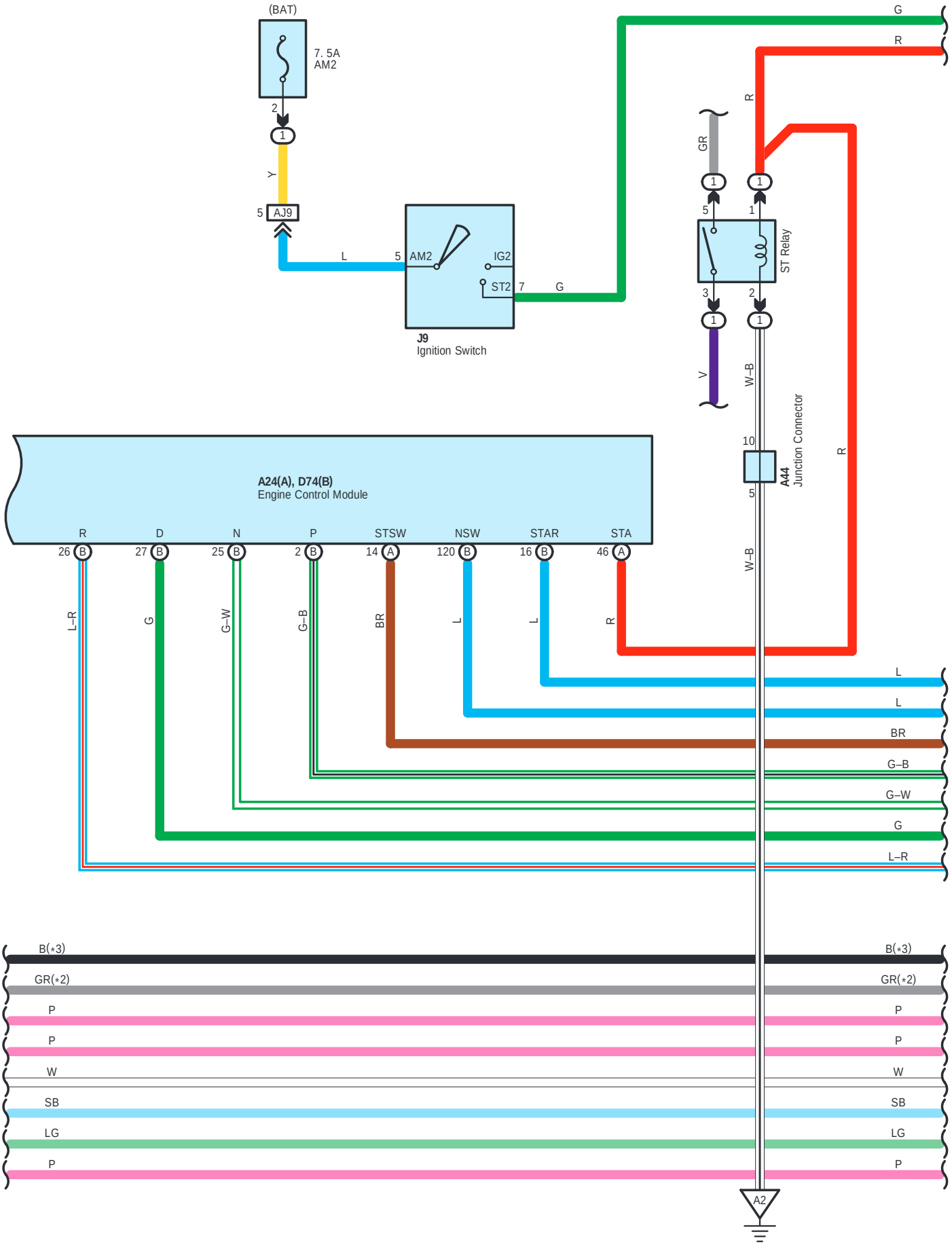


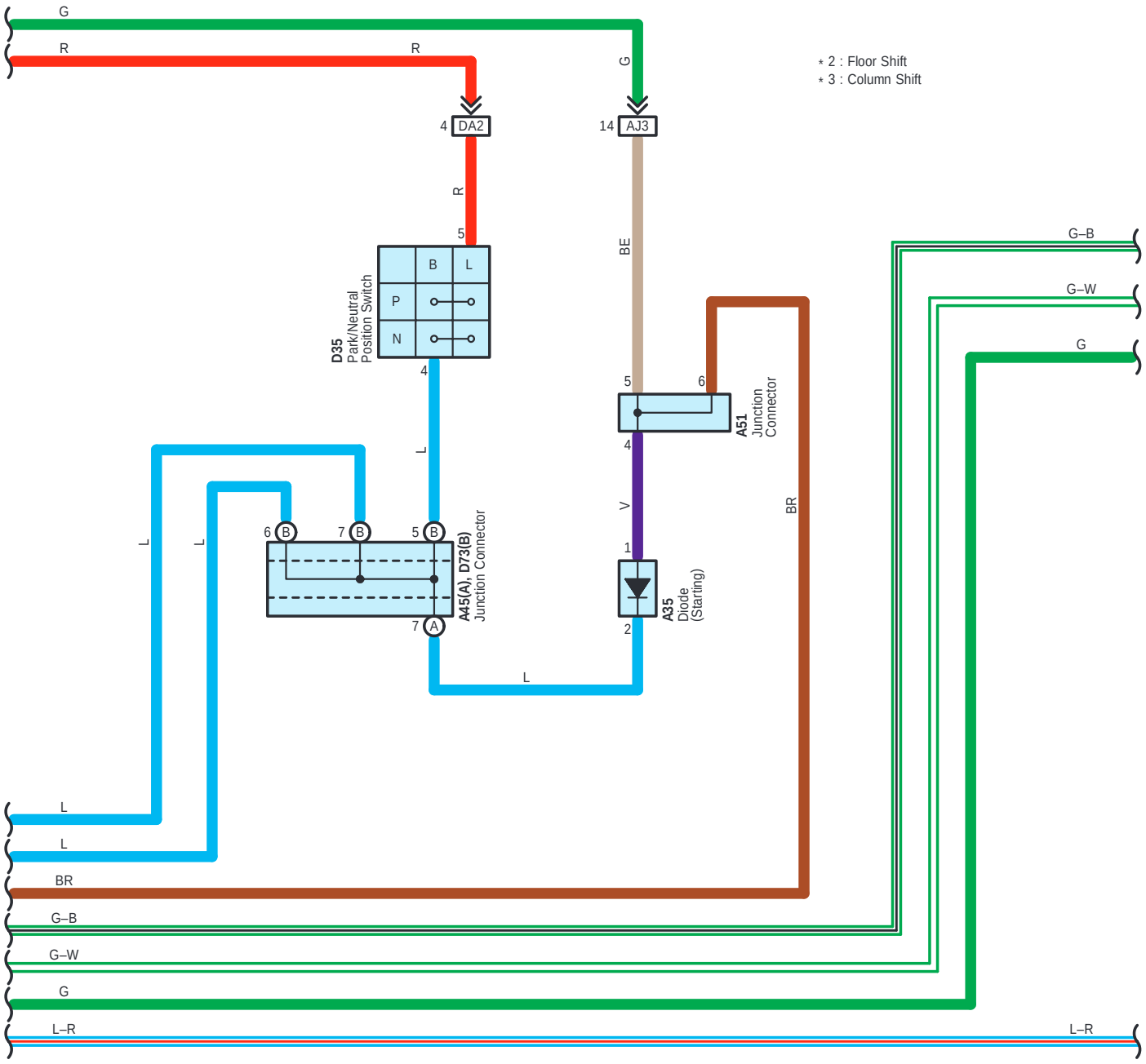

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
14
3
15
4
W
R
J74
Junction Connector
J75
Junction Connector
1
12
8
19
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P


A24(A), D74(B)
Engine Control Module
TC
TACH
16
A
15
A
V
GR
9
AJ4
15
AJ3
J75
Junction Connector
4
15
2
13
SB
W
V
W
B
2
J65
Junction Connector
1
SB
BR
6
14
13
9
CANH
CANL
TC
TAC
J17
DLC3
W
SB
LG
LG
P
P

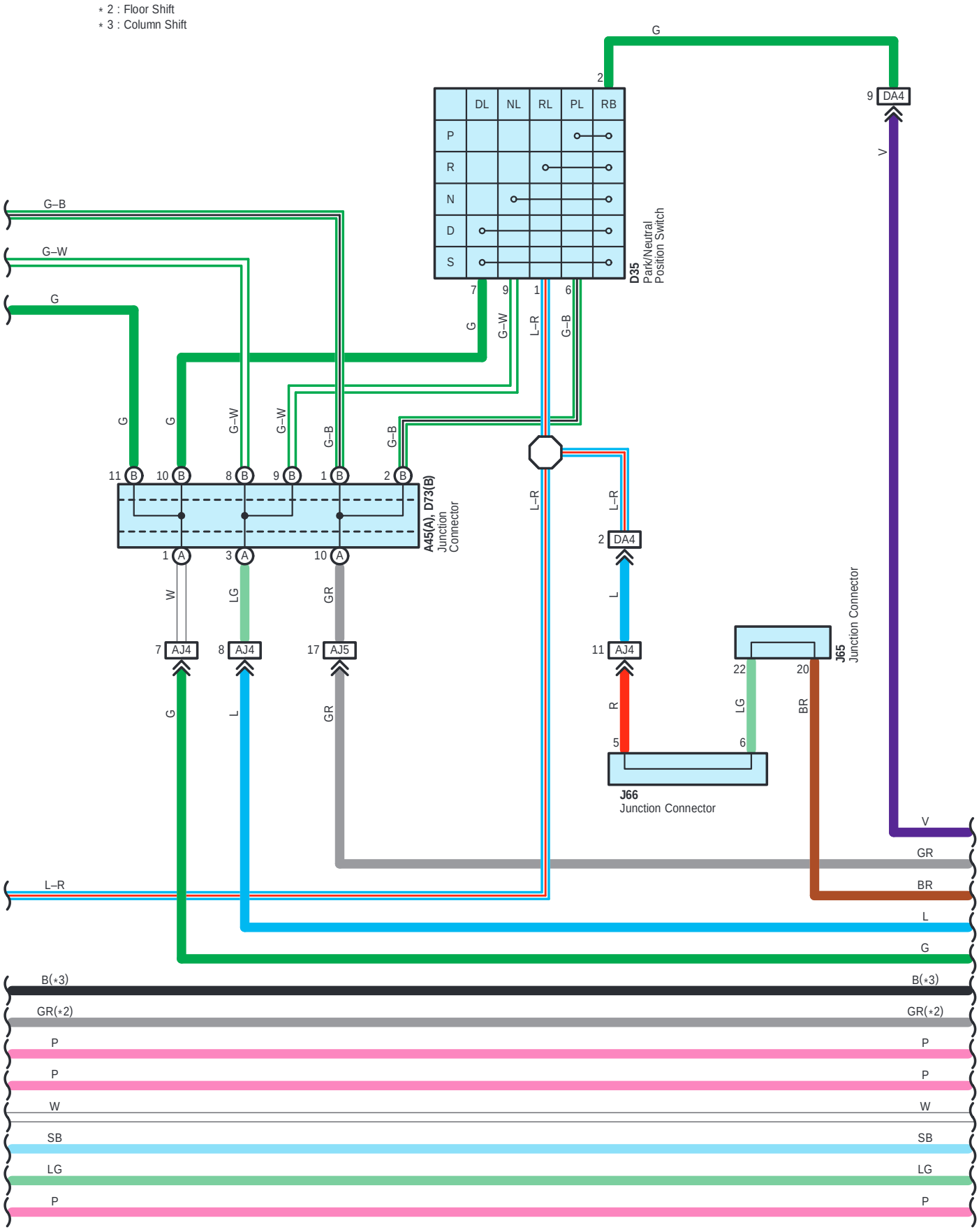
* 2 : Floor Shift
* 3 : Column Shift

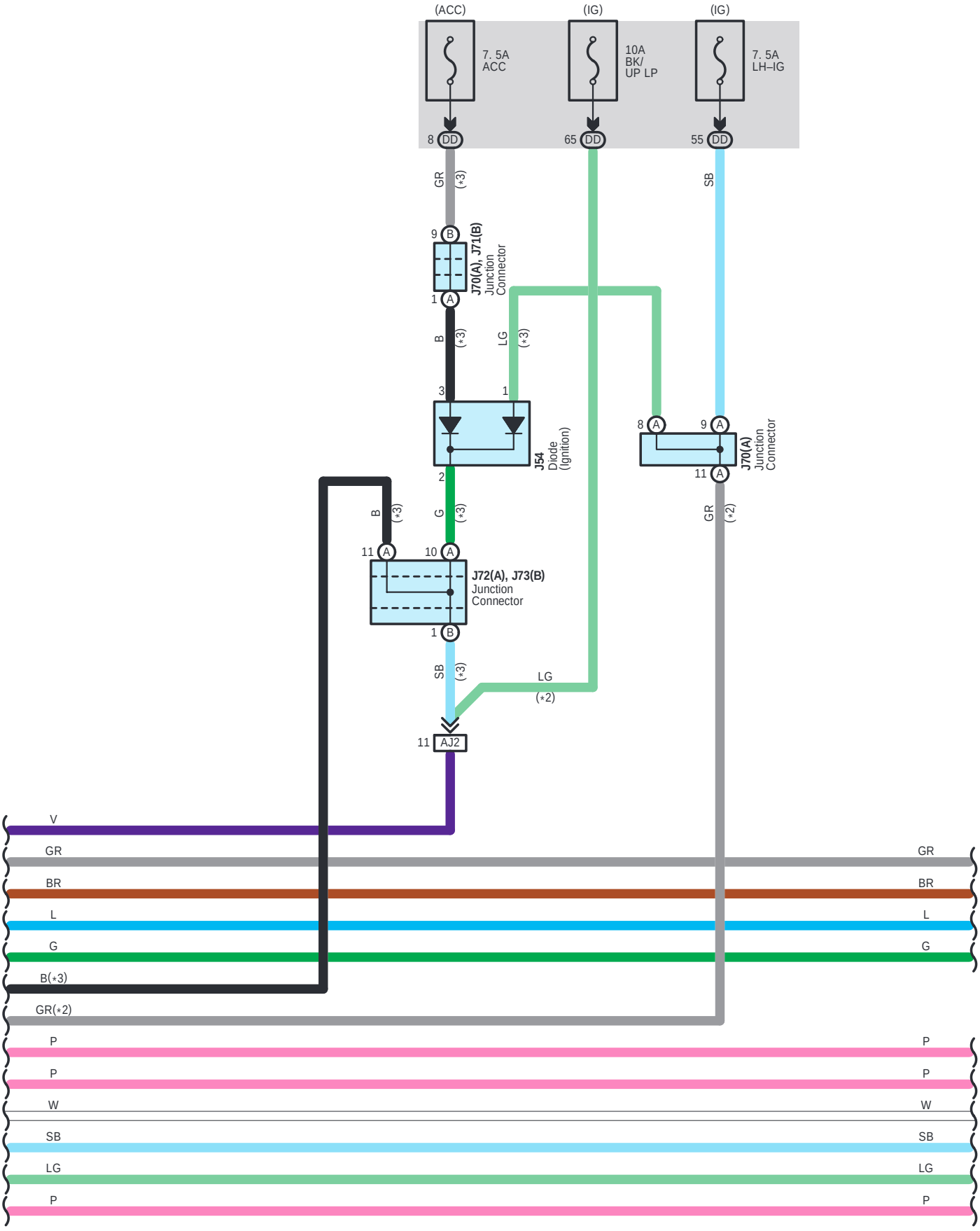


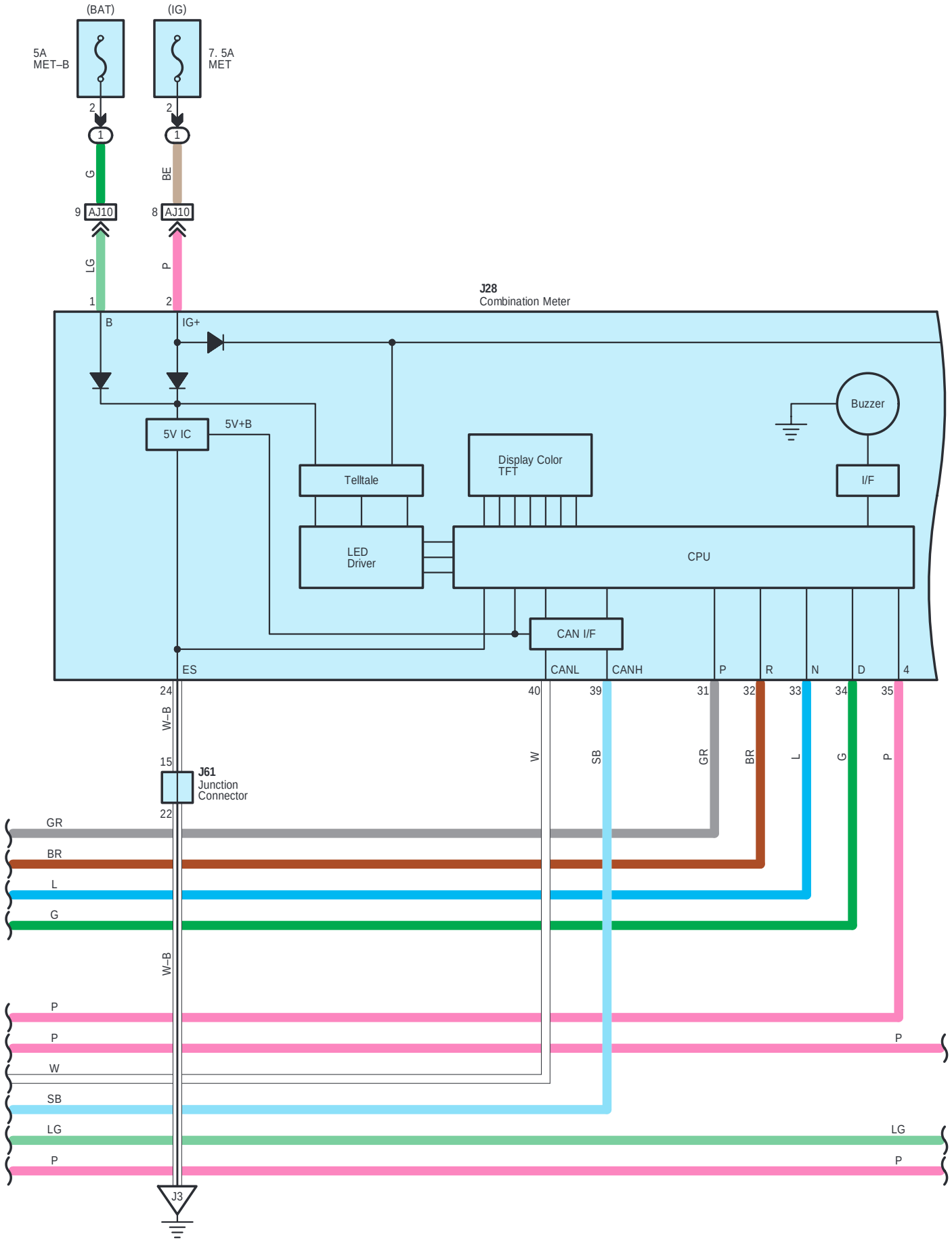

(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P
A2

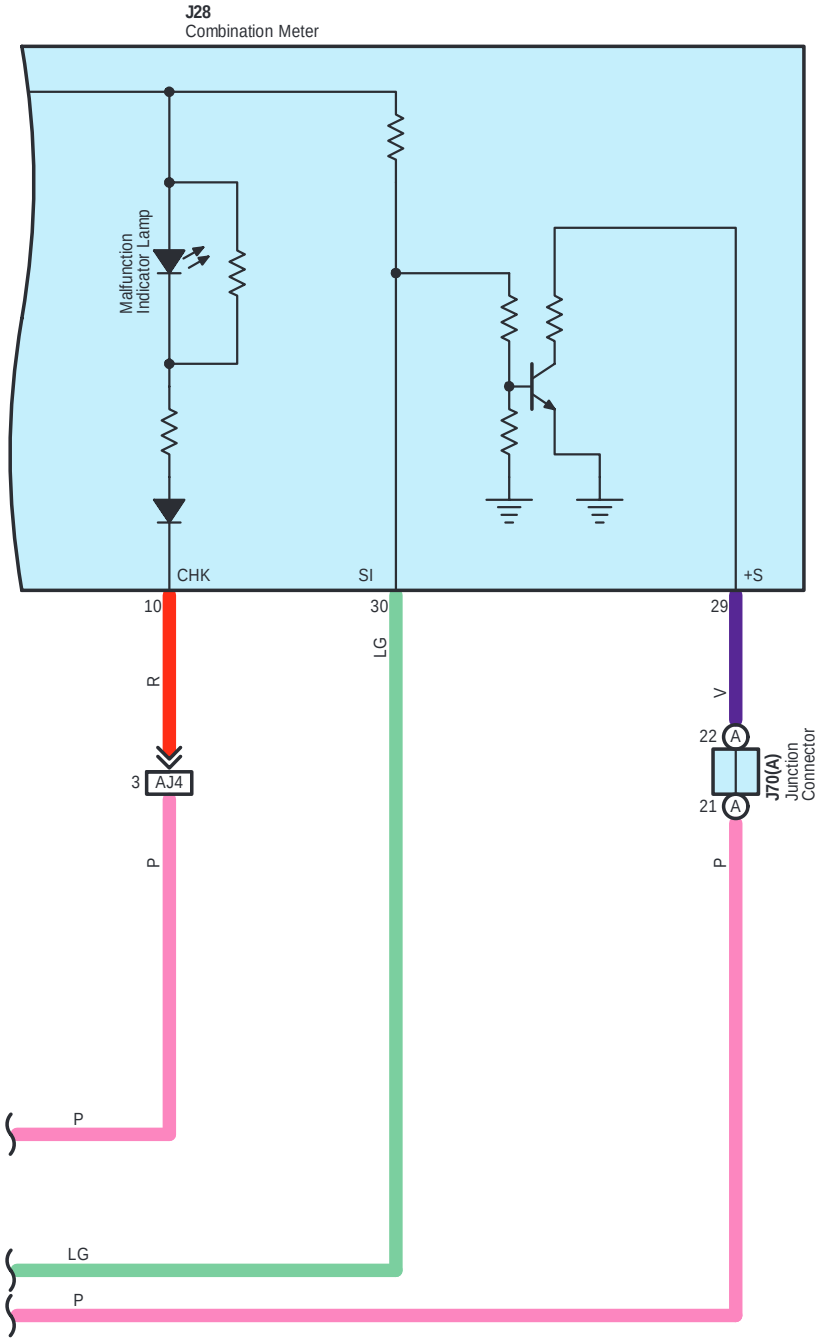

G
R
R
G
* 2 : Floor Shift
* 3 : Column Shift
4 DA2
14 AJ3
R
BE
5
B L
P
N
D35 Park/Neutral Position Switch
4
L
5 6
A51 Junction Connector
4
V
1
2
A35 Diode (Starting)
BR
G–B
G–W
G
6 B 7 B 5 B
7 A
A45(A), D73(B) Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R


B(*3)
B(*3)
GR(*2)
GR(*2)
P
P
P
P
W
W
SB
SB
LG
LG
P
P

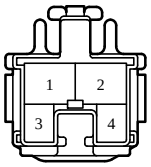

* 2 : Floor Shift
* 3 : Column Shift
G
2
9 DA4
V
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction Connector
22 20
LG BR
6
J65
Junction Connector
V
GR
BR
L
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P


(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
B (*3)
G (*3)
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
SB (*3)
LG
(*2)
11 AJ2
V
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

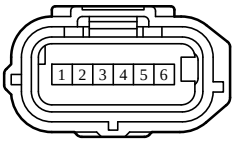

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
A
21
A
J70(A)
Junction Connector
P
P
P
LG
P

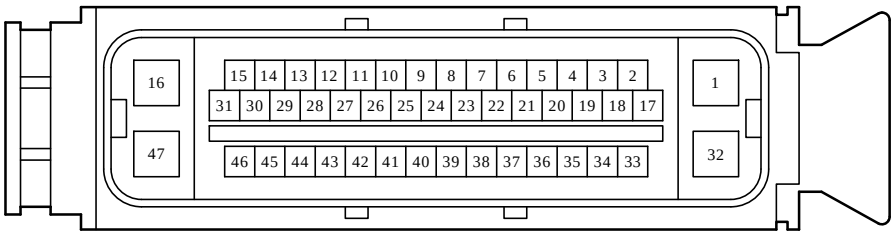
A 4
White



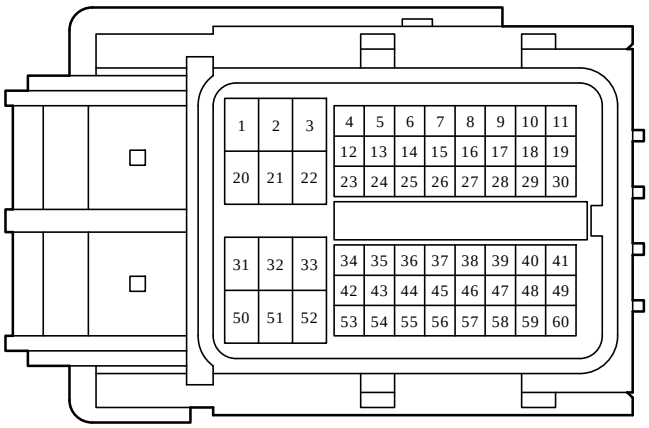
A 14
Black



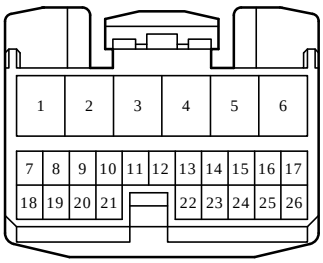
A 17
Black



A 24
Black



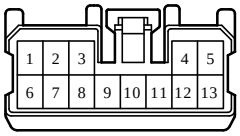
A 26
White



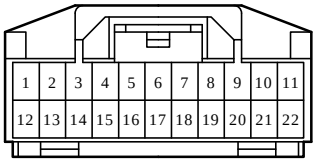
A 35
Black



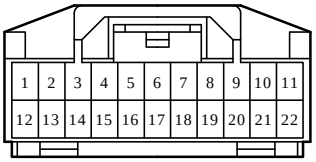
A 44
White



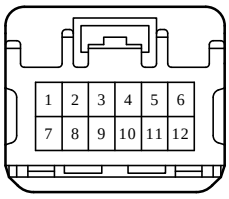
A 45
Blue



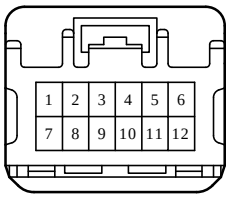
A 49
White



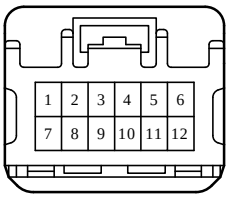
A 50
White



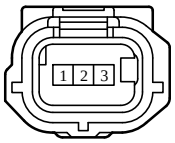
A 51
Black



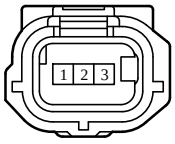
A 52
White



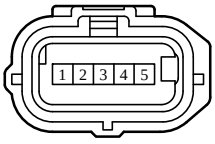
D 3
Black



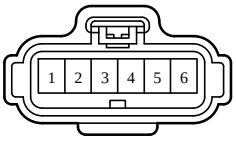
D 6
Black



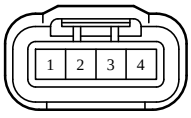
D 7
Black



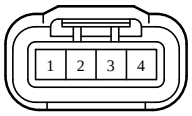
D 9
Black



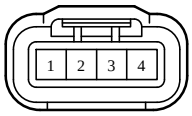
D 10
Black



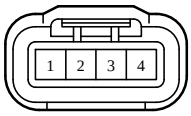
D 12
Black



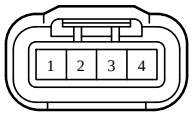
D 14
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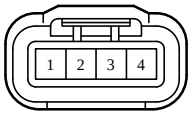
D 16
Black



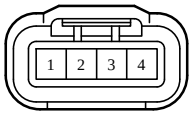
D 19
Black



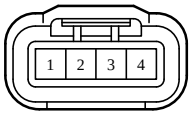
D 21
Black



D 23
Black



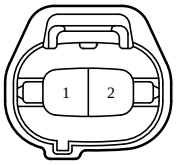
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



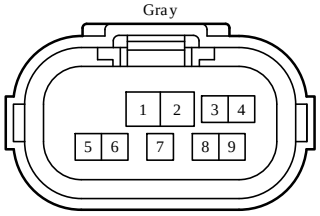
D 33
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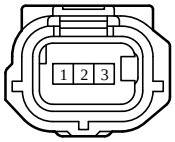
D 34
Dark Gray



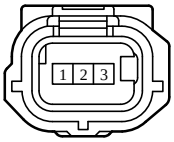
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Gray



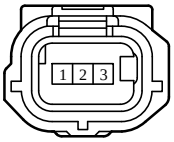
D 37
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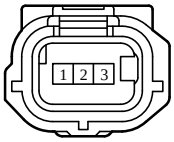
D 39
Black



D 40
Black



D 41
Black



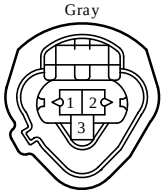
D 44
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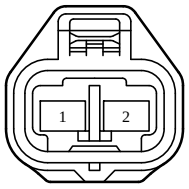
D 45
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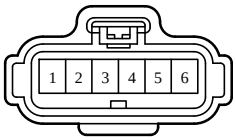
D 46
Gray



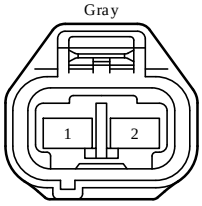
D 48
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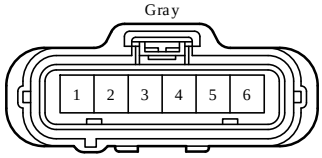
D 50
Black



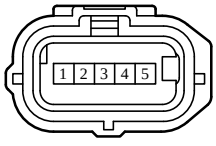
D 52
Gray



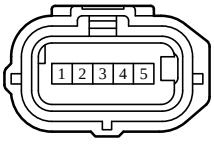
D 54
Gray



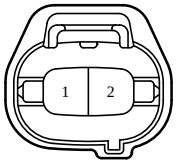
D 58
Black



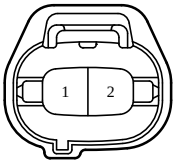
D 59
Black



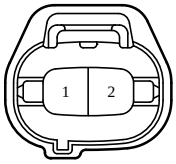
D 62
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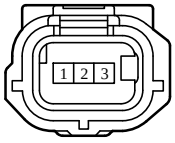
D 65
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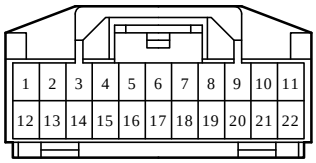
D 66
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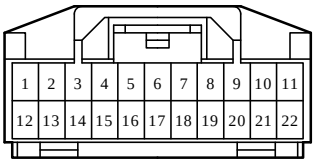
D 70
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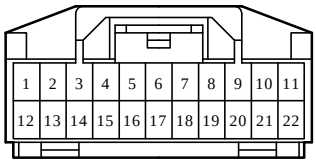
D 71
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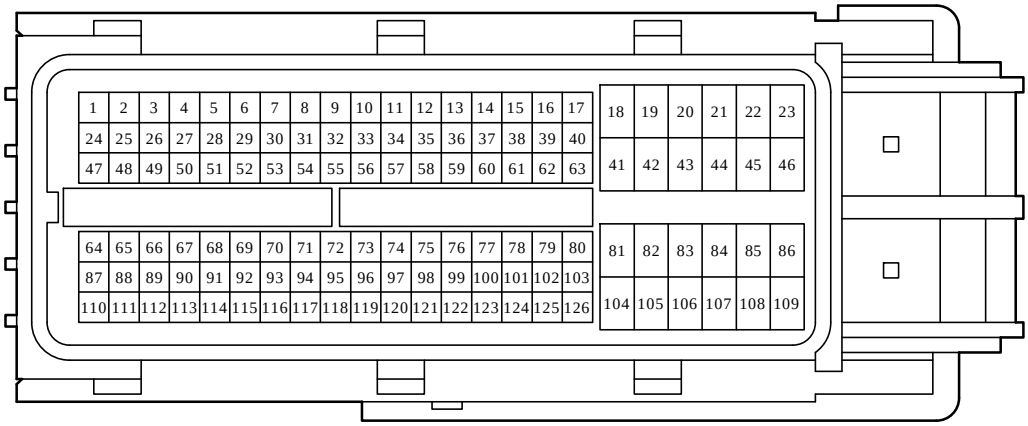
D 72
White



D 73
Blue



D 74
Black



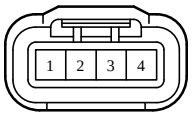
D 75
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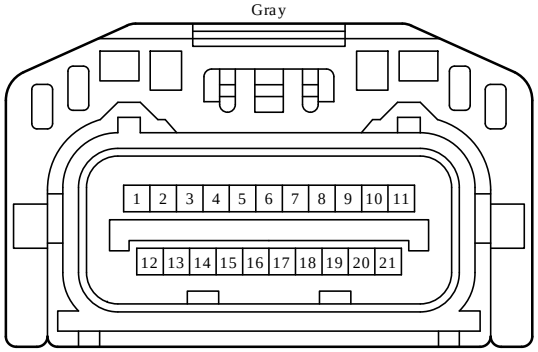
D 76
Black



D 80
Black



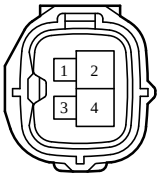
D 83
Gray



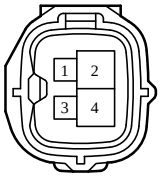
D 85
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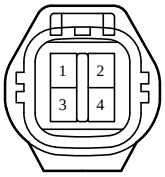
D 89
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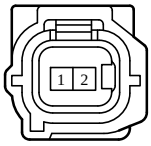
D 90
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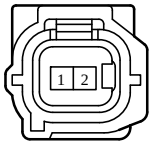
E 9
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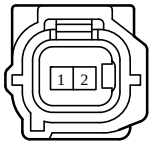
F 1
Black



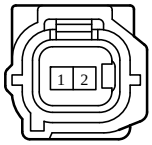
F 2
Black



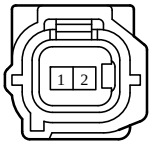
F 3
Black



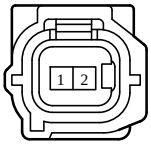
F 4
Black



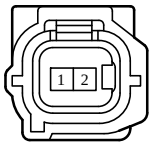
H 1
Black



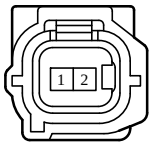
H 2
Black



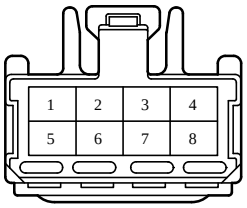
H 3
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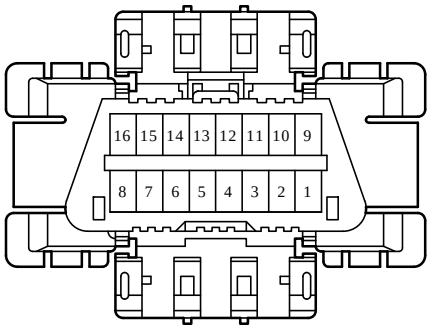
H 4
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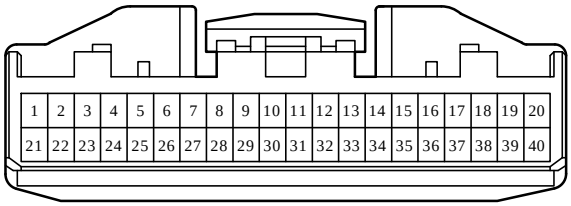
J 9
White



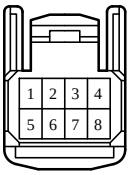
J 17
White



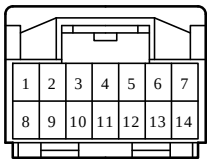
J 19
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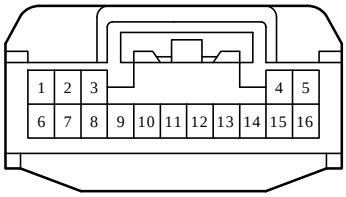
J 24
White



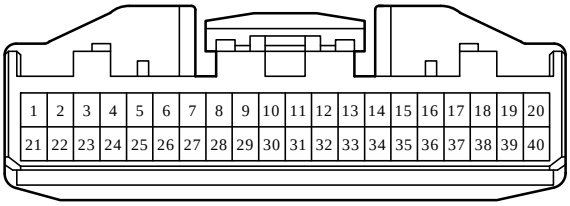
J 25
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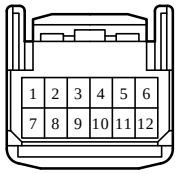
J 26
White



J 28
Black



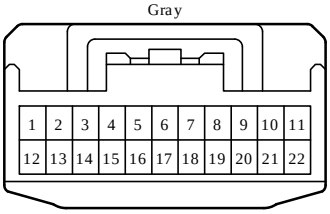
J 45
Black



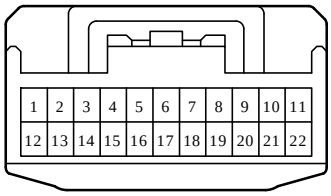
J 54
Orange



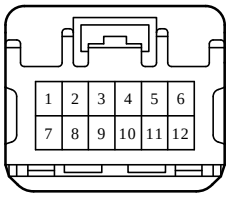
J 61
Gray



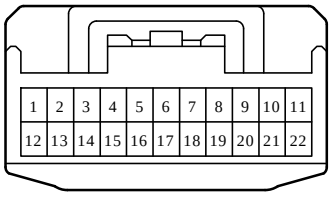
J 65
White



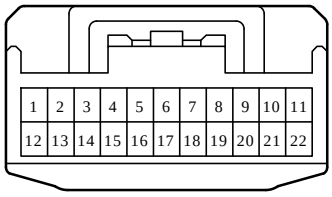
J 66
Black



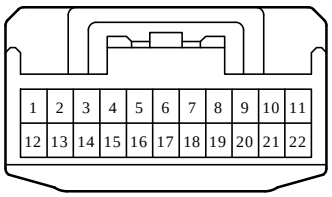
J 70
Blue



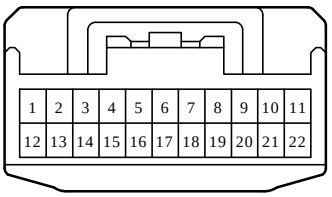
J 71
White



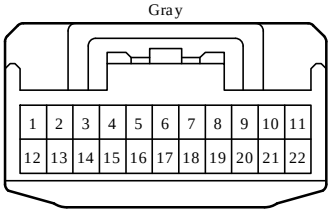
J 72
Black



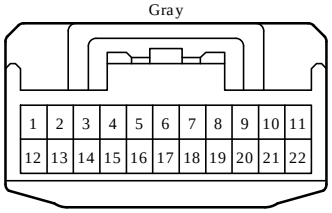
J 73
Black



J 74
Gray



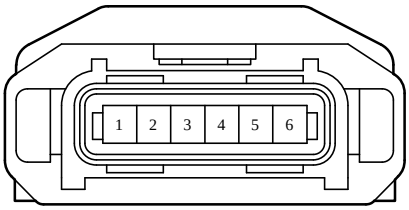
J 75
Gray



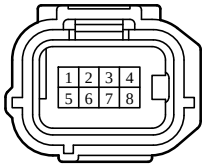
R 6
White



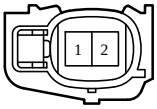
R 11
Black



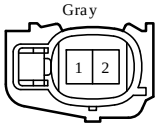
R 12
Black



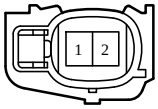
a 3
Black



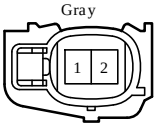
a 4
Gray



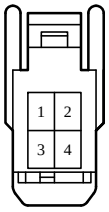
a 5
Black



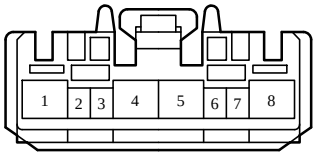
a 6
Gray



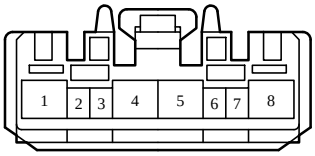
z 2
White



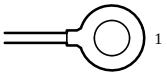
1A
White



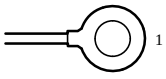
1B
White



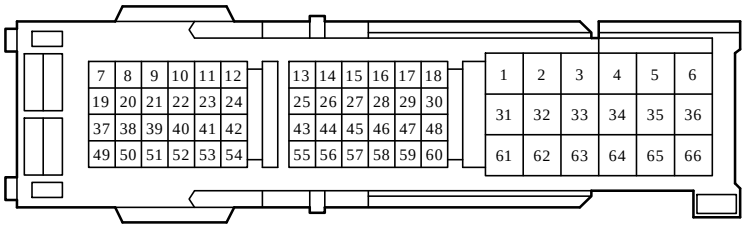
1G



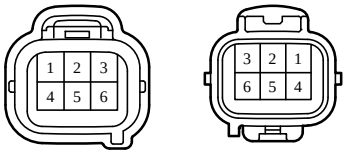
1H



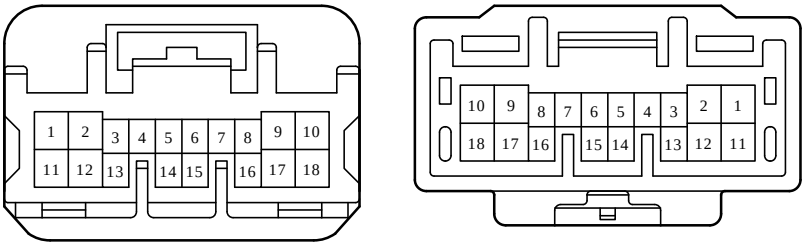
DD
White



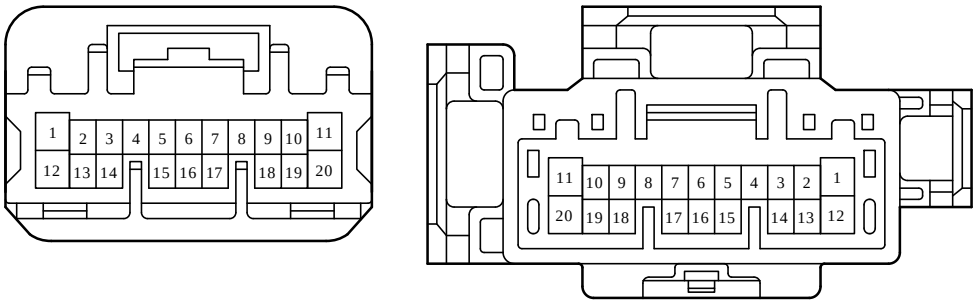
AE1
Gray



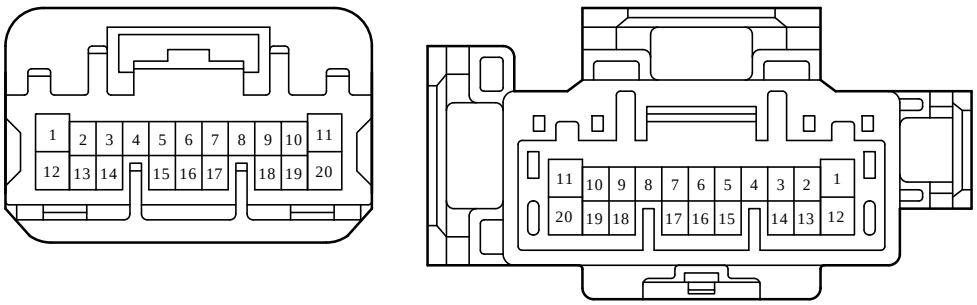
AJ2
Gray



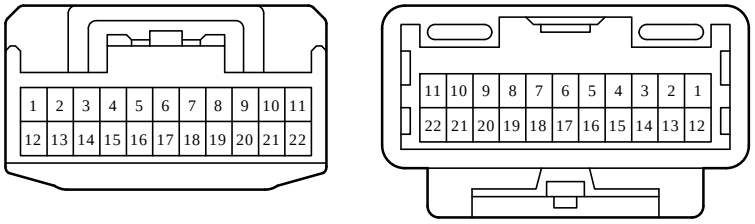
AJ3
White



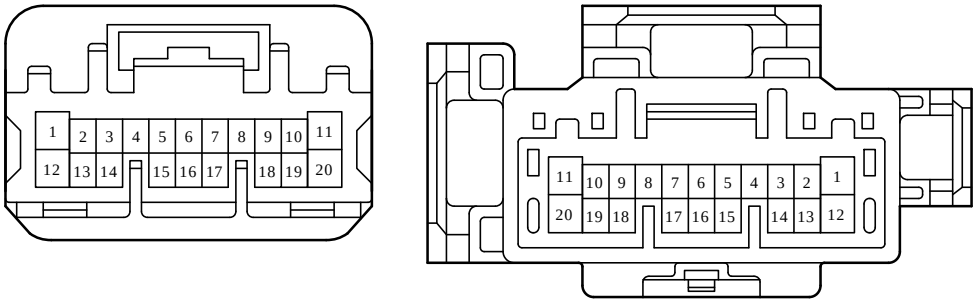
AJ4
White



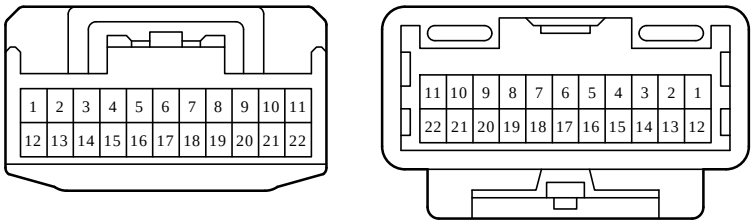
AJ5
Gray



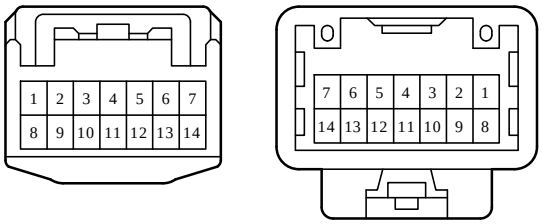
AJ9
White



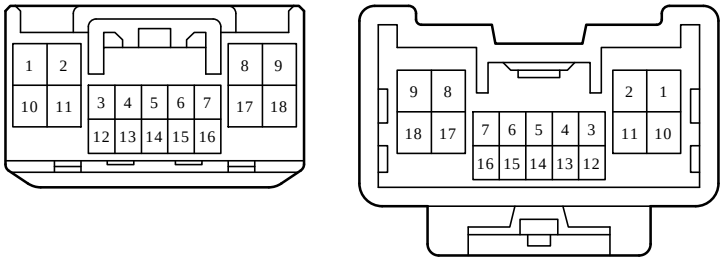
AJ10
Gray



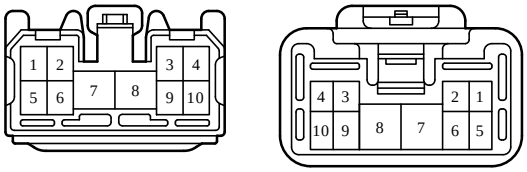
DA1
Black



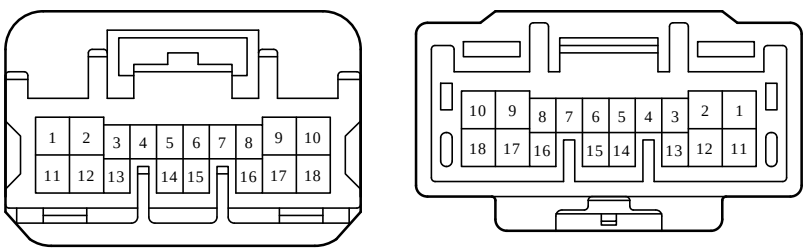
DA2
White



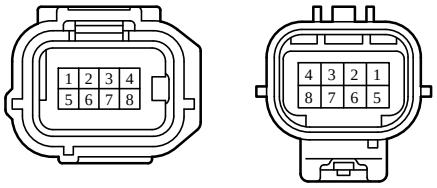
DA3
White



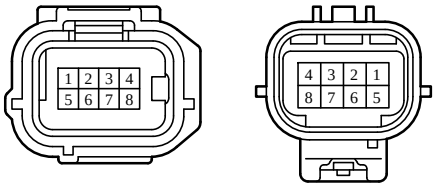
DA4
Gray



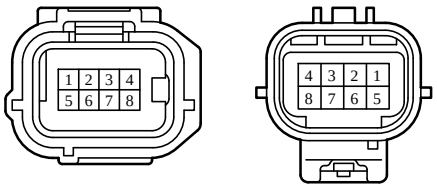
DF1
Gray



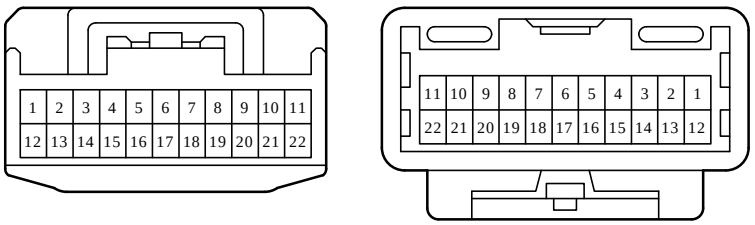
DH1
Gray



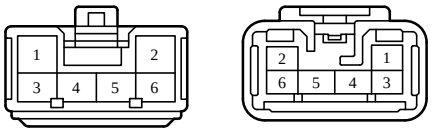
Da1
Gray

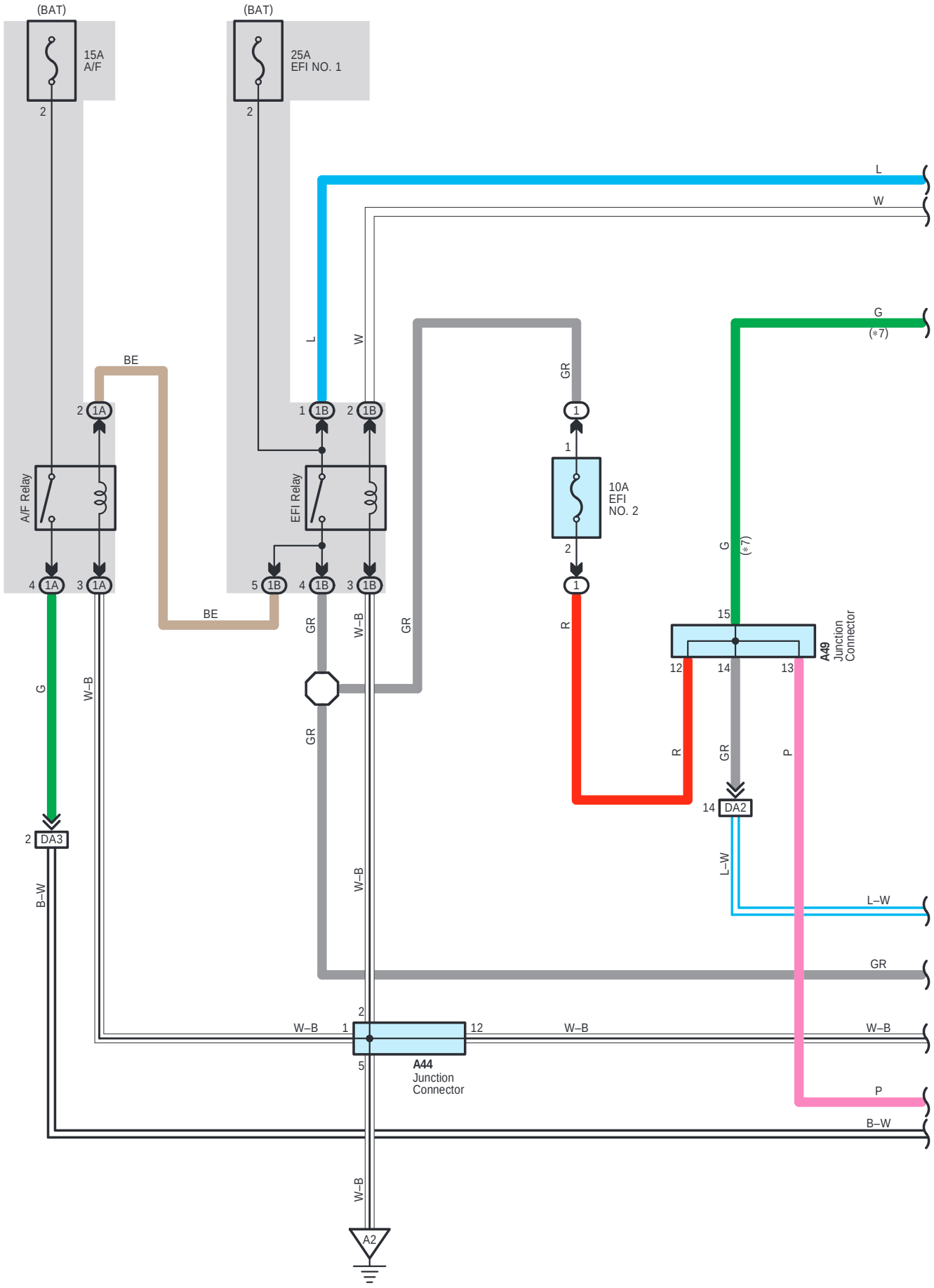


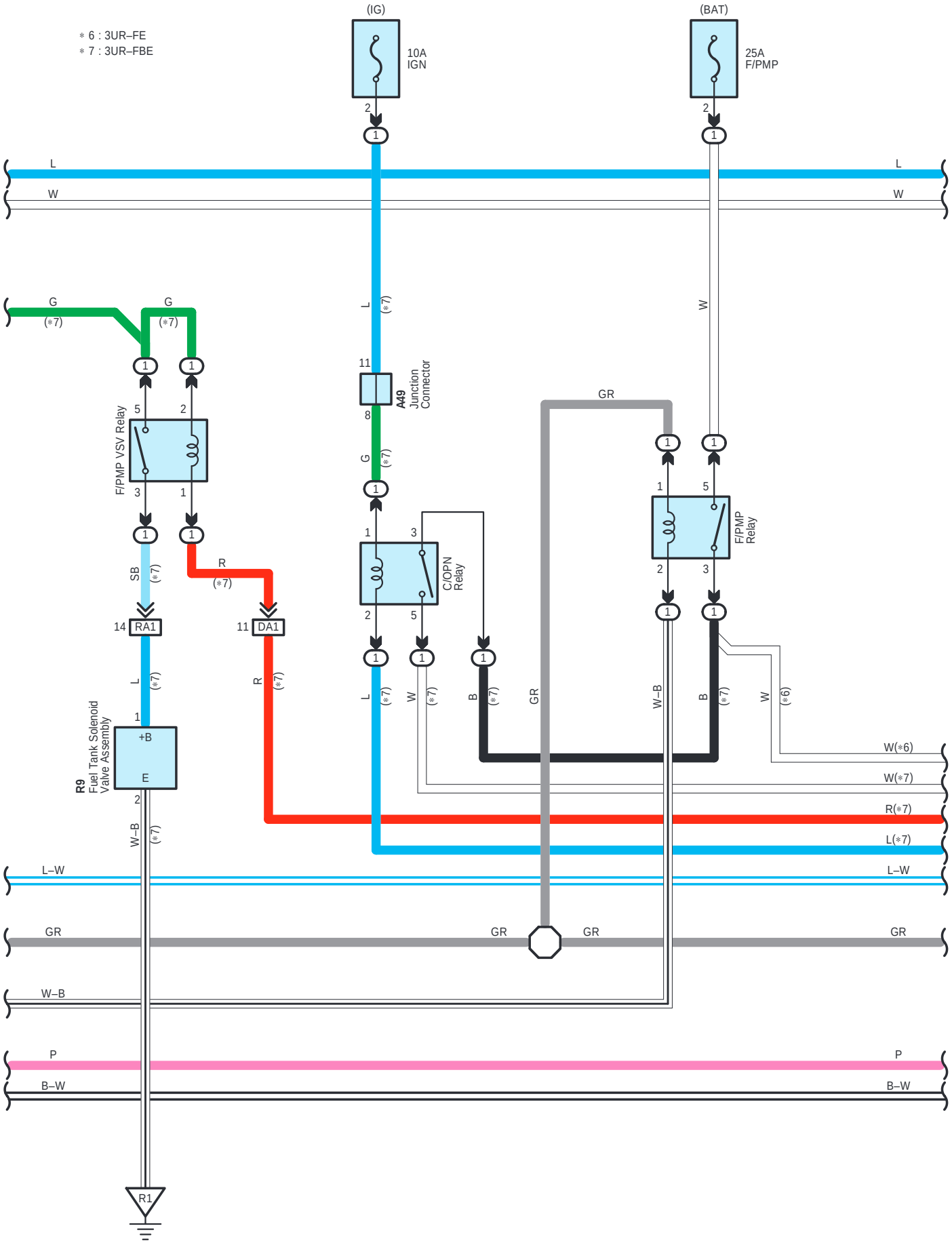
RA1
Black

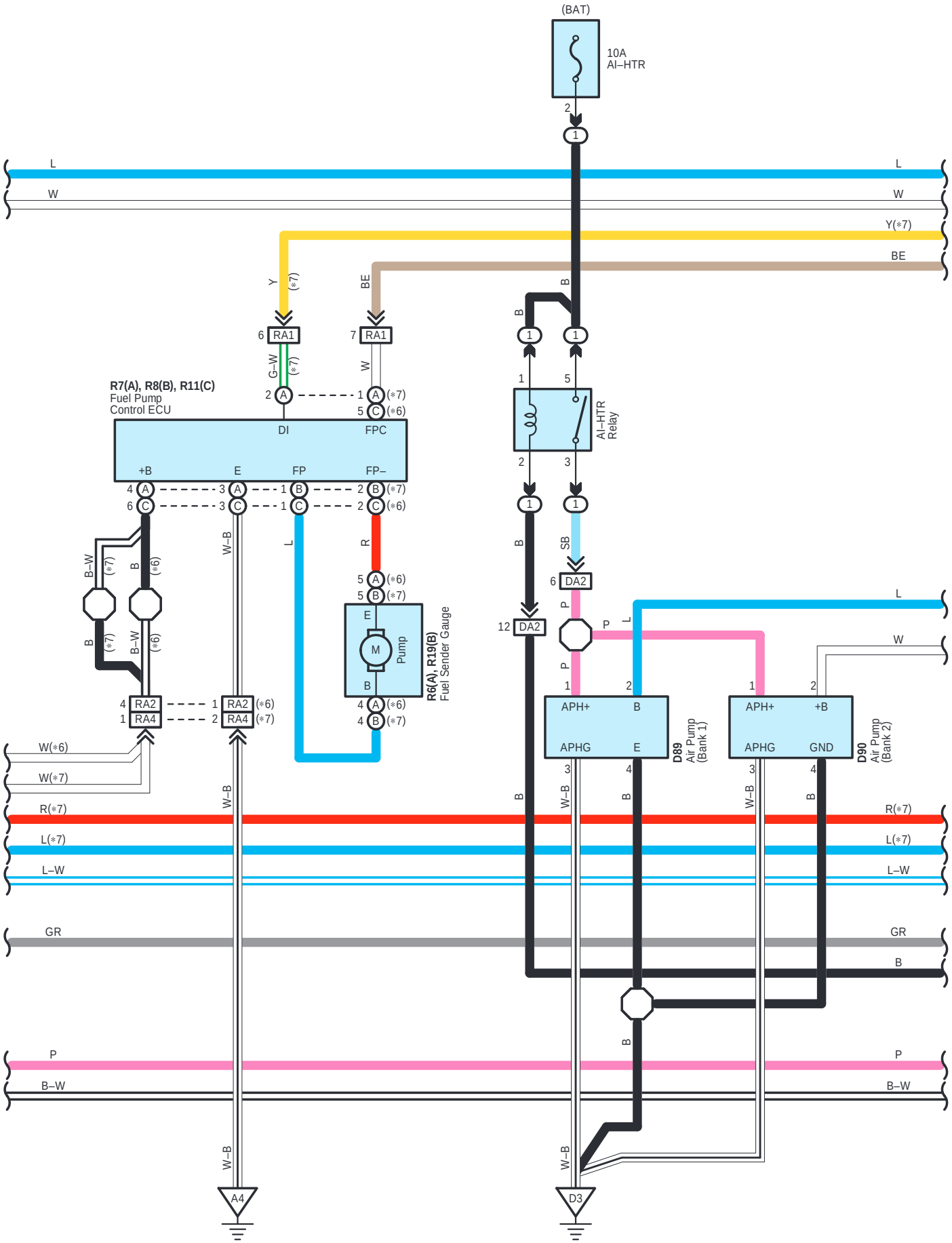


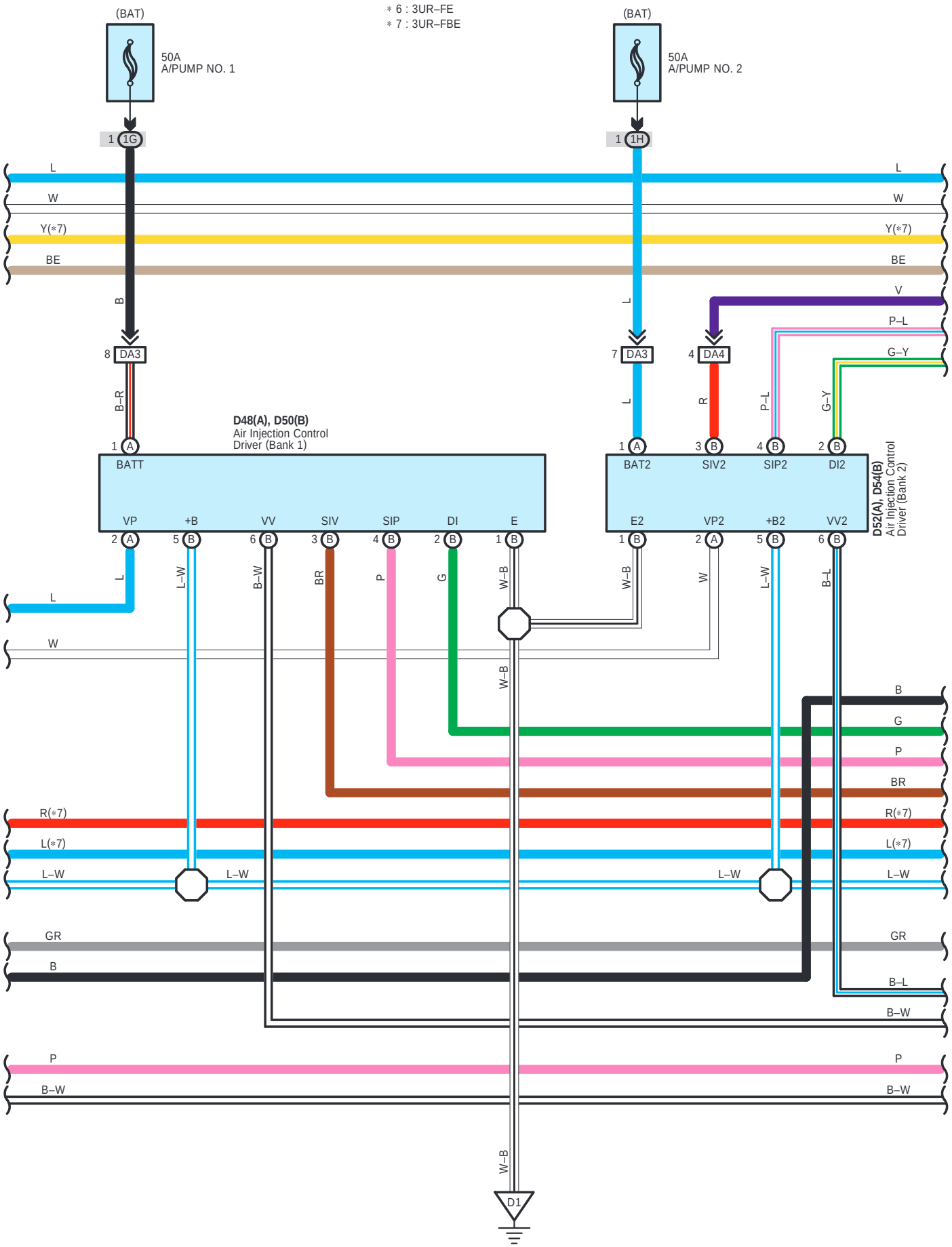
RA2
White

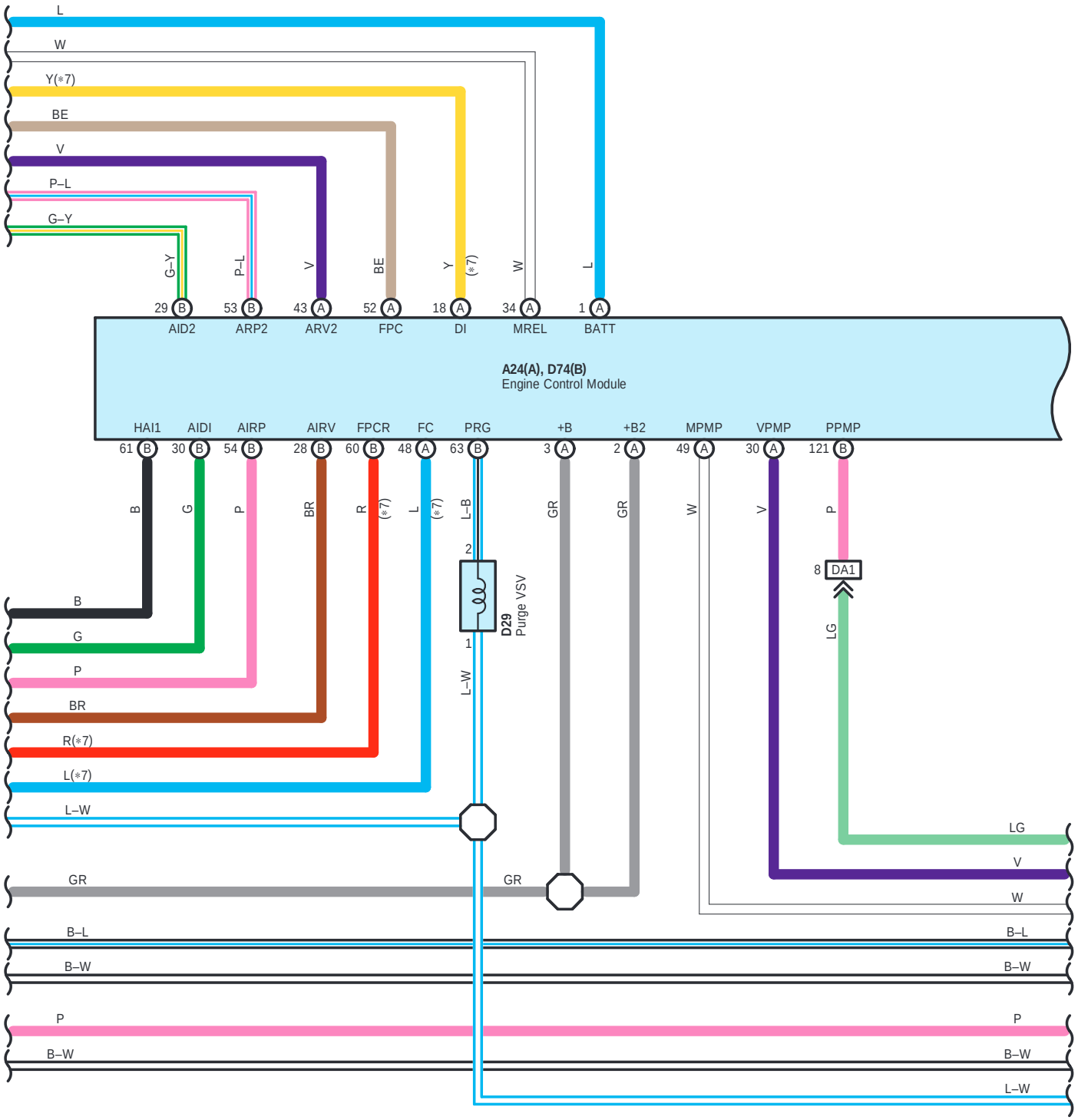


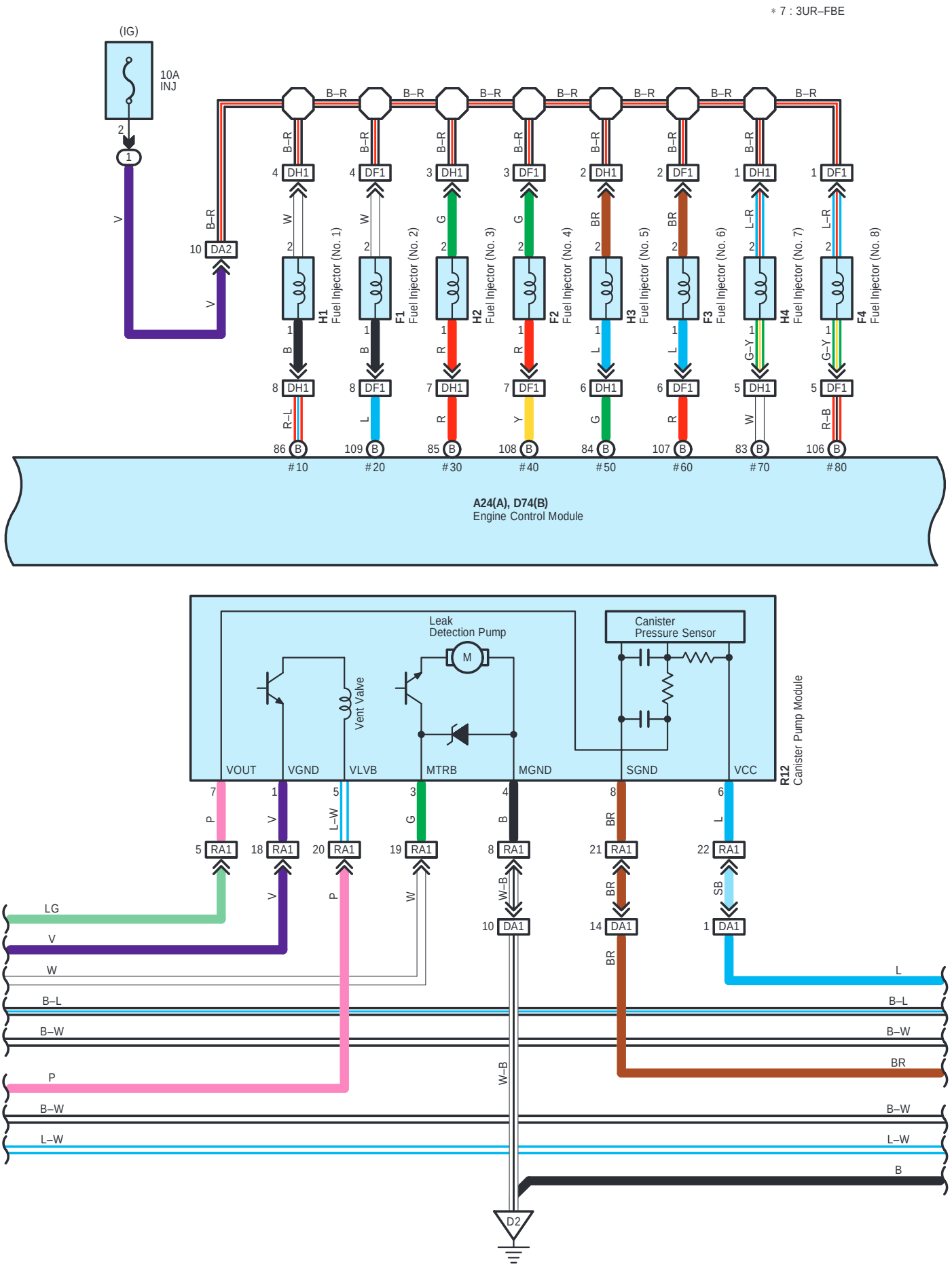

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
L
W
G
(*7)
BE
2 1A
1 1B
2 1B
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
BE
GR
1
1
10A
EFI
NO. 2
2
1
R
G
(*7)
15
A49
Junction
Connector
12
14
13
G
W–B
GR
W–B
GR
R
GR
P
2 DA3
14 DA2
B–W
L–W
L–W
GR
2
W–B
1
12
W–B
W–B
5
A44
Junction
Connector
P
B–W
W–B
A2

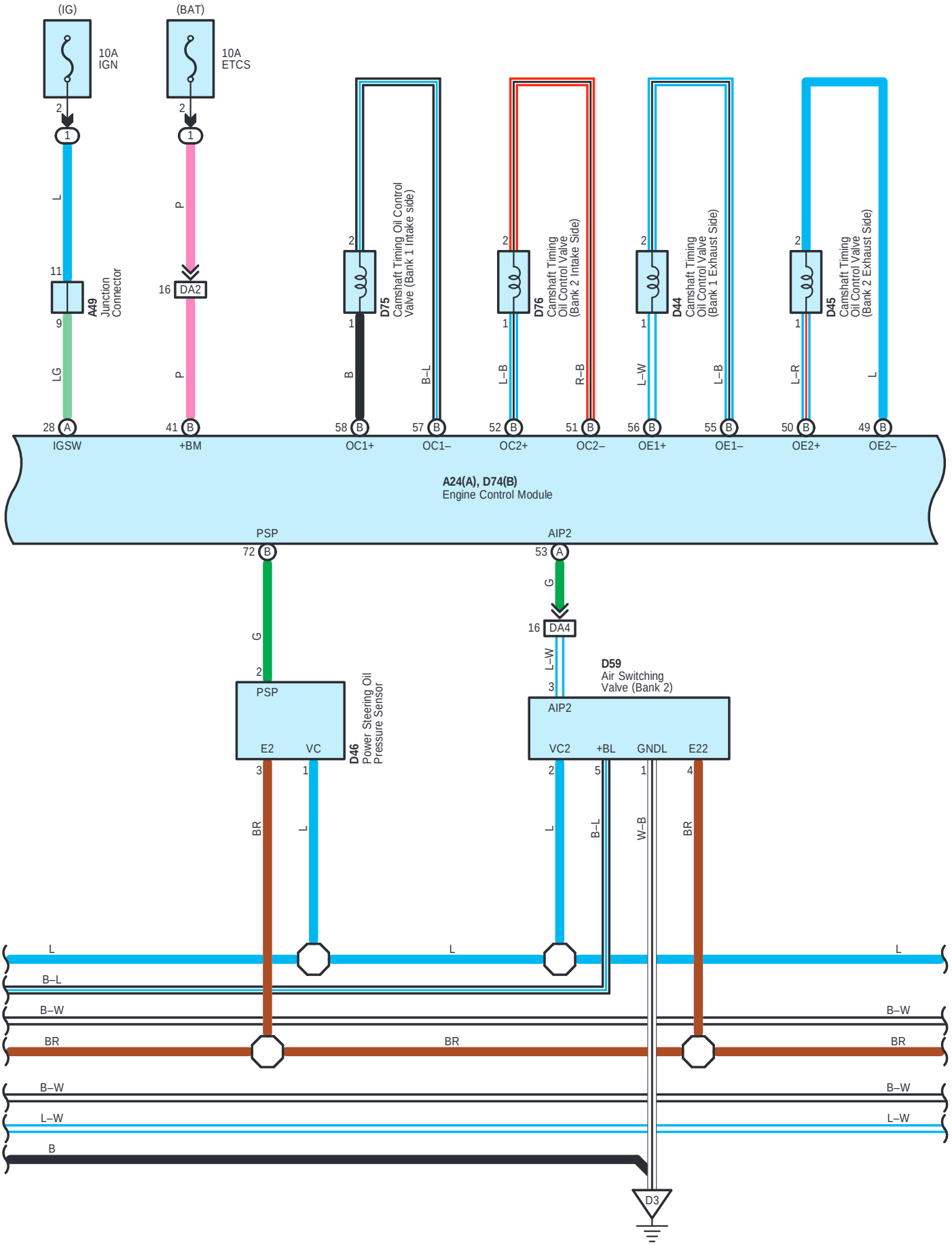

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(IG)
10A
IGN
(BAT)
25A
F/PMP
L
W
G
(∗7)
F/PMP VSV Relay
A49
Junction
Connector
C/OPN
Relay
F/PMP
Relay
SB
R
RA1
DA1
R9
Fuel Tank Solenoid
Valve Assembly
+B
E
W–B
B
GR
W(∗6)
W(∗7)
R(∗7)
L(∗7)
L–W
P
B–W
R1

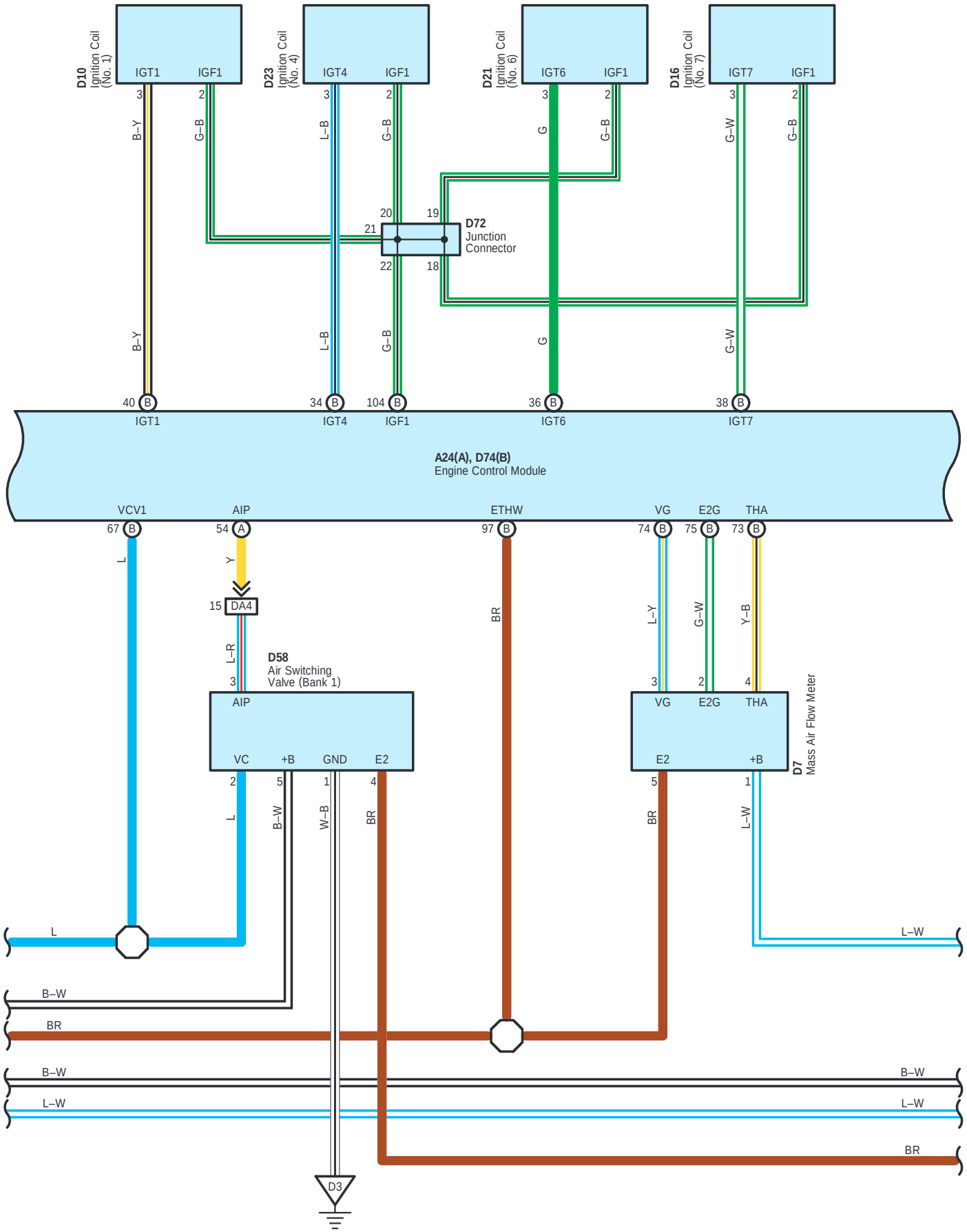

(BAT)
10A
AI–HTR
L
W
Y(*7)
BE
R7(A), R8(B), R11(C)
Fuel Pump
Control ECU
DI
FPC
+B
E
FP
FP–
AI–HTR
Relay
R6(A), R19(B)
Fuel Sender Gauge
Pump
D89
Air Pump
(Bank 1)
D90
Air Pump
(Bank 2)
APH+
APHG
B
E
+B
GND
W(*6)
W(*7)
R(*7)
L(*7)
L–W
GR
P
B–W
W–B
A4
D3

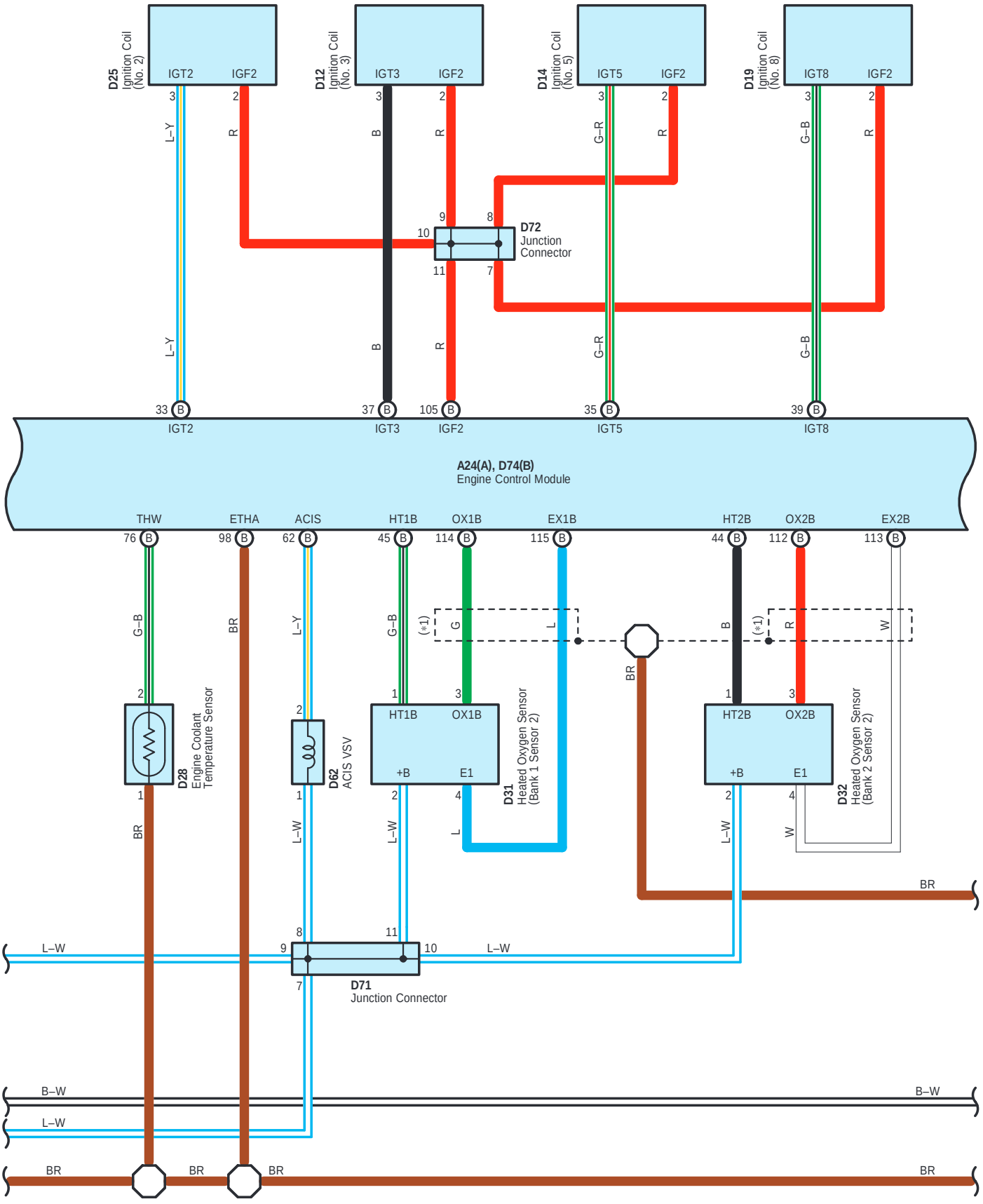

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(BAT)
50A
A/PUMP NO. 1
(BAT)
50A
A/PUMP NO. 2
1 1G
1 1H
L
W
Y(∗7)
BE
B
L
V
P–L
G–Y
8 DA3
7 DA3
4 DA4
B–R
L
R
P–L
G–Y
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
1 A BATT
1 A BAT2
3 B SIV2
4 B SIP2
2 B DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
VP +B VV SIV SIP DI E
2 A 5 B 6 B 3 B 4 B 2 B 1 B
E2 VP2 +B2 VV2
1 B 2 A 5 B 6 B
L
L–W
B–W
BR
P
G
W–B
W–B
W
L–W
B–L
L
W
W–B
B
G
P
BR
R(∗7)
L(∗7)
L–W
L–W
L–W
L–W
R(∗7)
L(∗7)
L–W
GR
B
GR
B–L
B–W
P
B–W
P
B–W
W–B
D1


L
W
Y(*7)
BE
V
P–L
G–Y
29 B AID2
53 B ARP2
43 A ARV2
52 A FPC
18 A DI
34 A MREL
1 A BATT
A24(A), D74(B)
Engine Control Module
HAI1 AIDI AIRP AIRV FPCR FC PRG +B +B2 MPMP VPMP PPMP
61 B
30 B
54 B
28 B
60 B
48 A
63 B
3 A
2 A
49 A
30 A
121 B
B
G
P
BR
R(*7)
L(*7)
L–W
GR
B–L
B–W
P
B–W
2
1
D29
Purge VSV
8 DA1
LG
V
W
GR
B–L
B–W
P
B–W
L–W

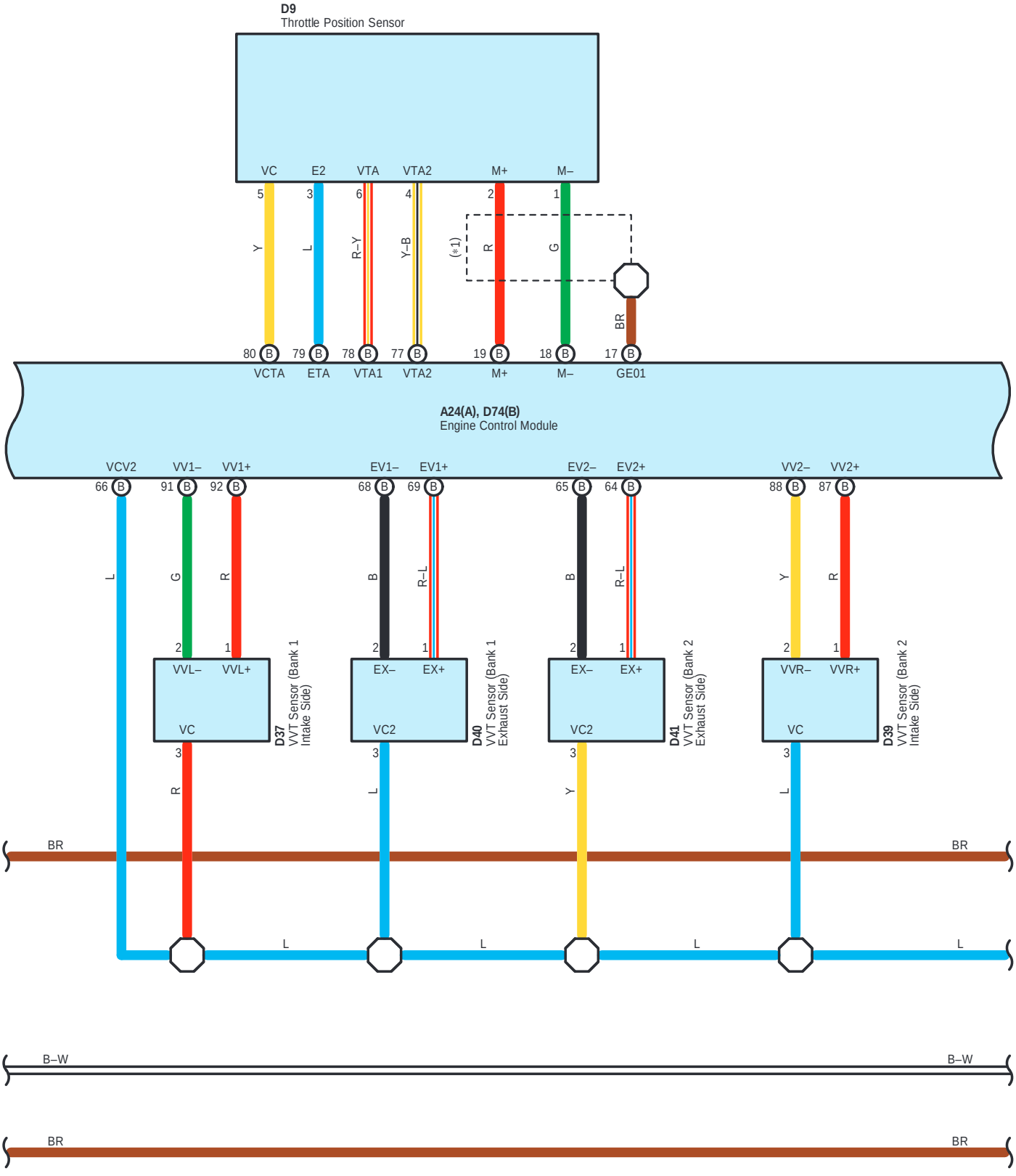

* 7 : 3UR–FBE
(IG)
10A
INJ
A24(A), D74(B)
Engine Control Module
H1 Fuel Injector (No. 1)
F1 Fuel Injector (No. 2)
H2 Fuel Injector (No. 3)
F2 Fuel Injector (No. 4)
H3 Fuel Injector (No. 5)
F3 Fuel Injector (No. 6)
H4 Fuel Injector (No. 7)
F4 Fuel Injector (No. 8)
Leak
Detection Pump
Vent Valve
Canister
Pressure Sensor
R12
Canister Pump Module
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
LG
V
W
B–L
B–W
P
L–W
BR
B
W–B
SB
D2

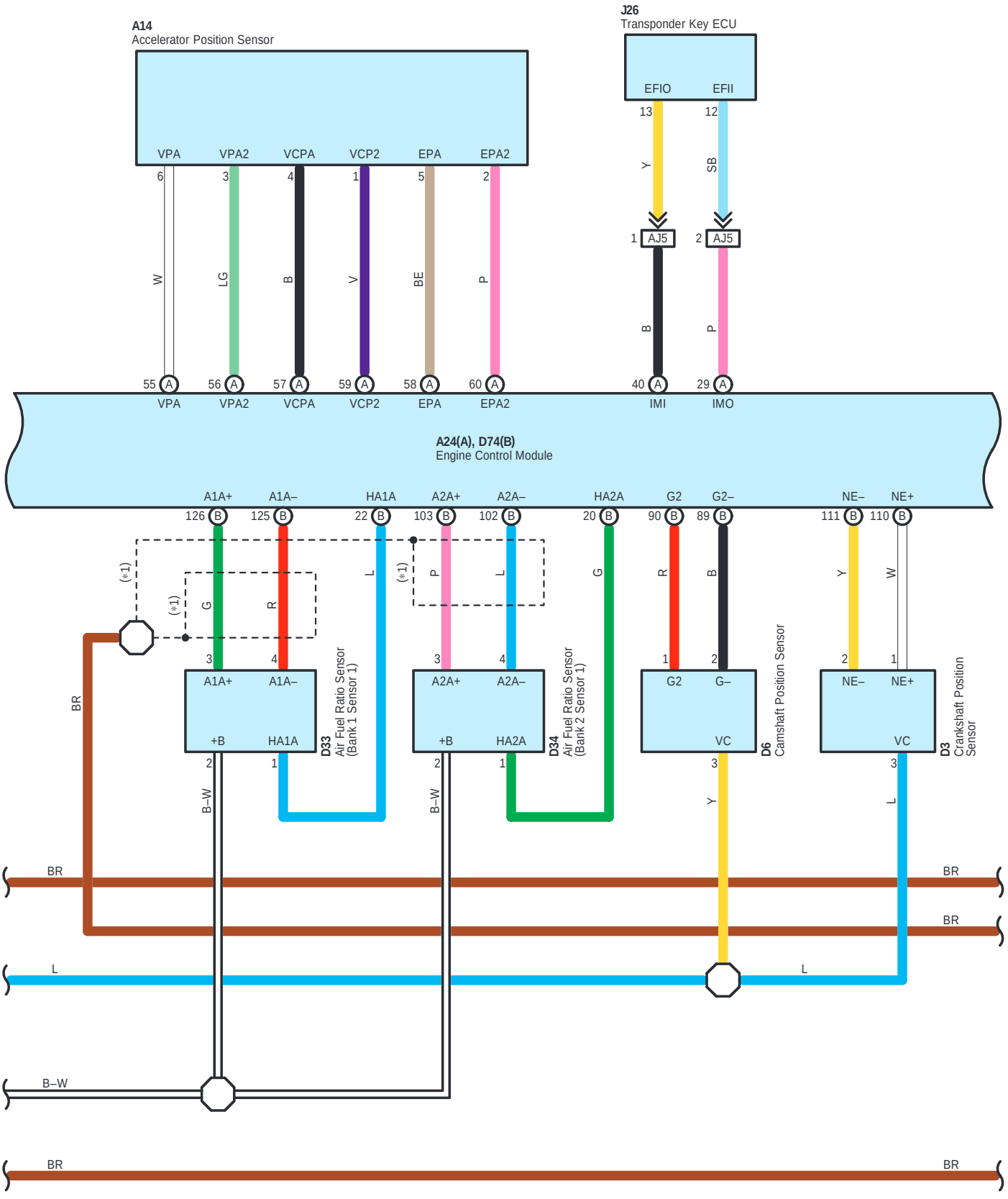

(IG)
10A
IGN
(BAT)
10A
ETCS
A49
Junction
Connector
DA2
D75
Camshaft Timing Oil Control
Valve (Bank 1 Intake side)
D76
Camshaft Timing
Oil Control Valve
(Bank 2 Intake Side)
D44
Camshaft Timing
Oil Control Valve
(Bank 1 Exhaust Side)
D45
Camshaft Timing
Oil Control Valve
(Bank 2 Exhaust Side)
IGSW
+BM
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
A24(A), D74(B)
Engine Control Module
PSP
AIP2
DA4
D59
Air Switching
Valve (Bank 2)
D46
Power Steering Oil
Pressure Sensor
E2
VC
VC2
+BL
GNDL
E22
D3

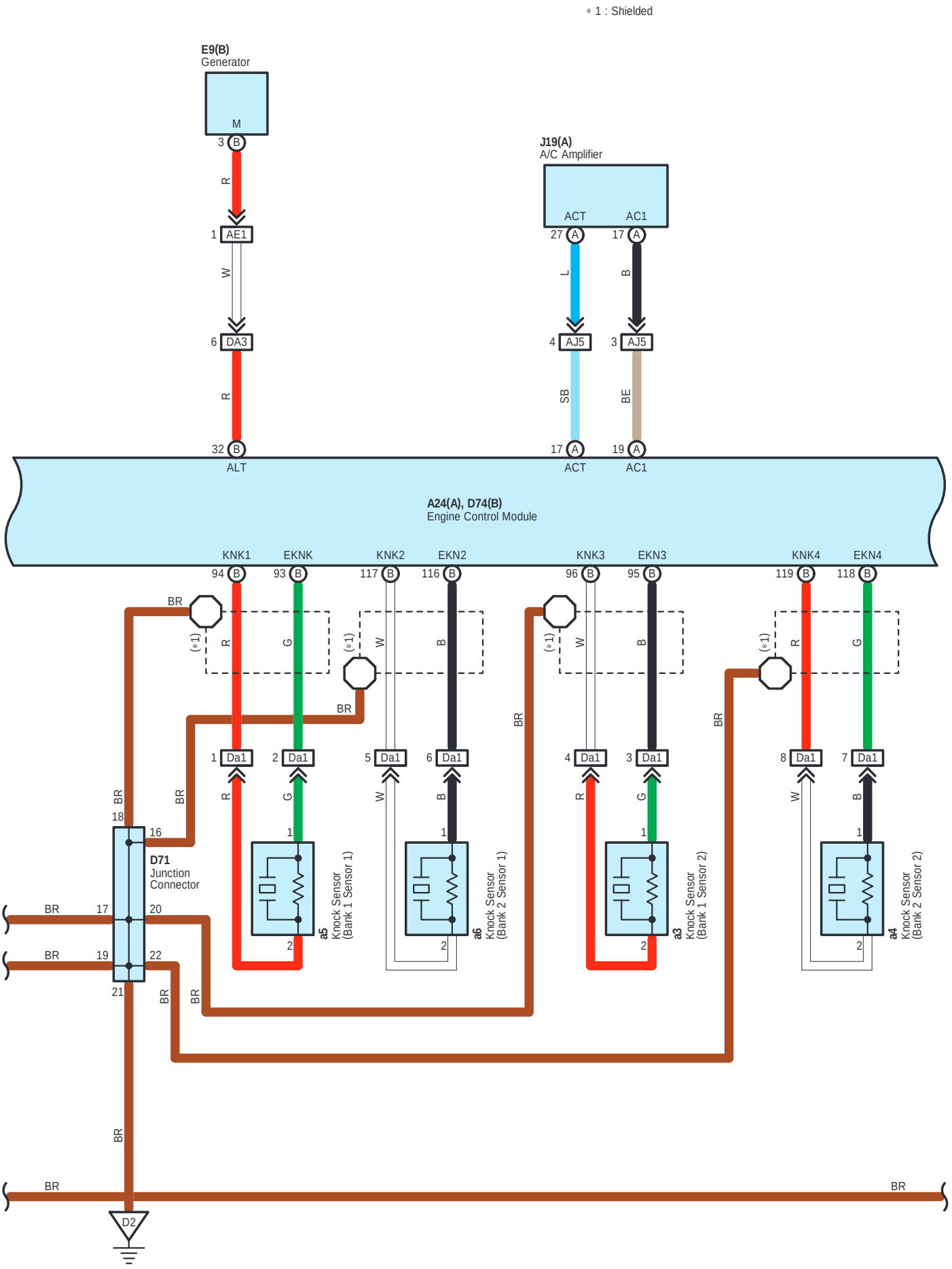

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
D72 Junction Connector
A24(A), D74(B) Engine Control Module
IGT1
IGT4
IGF1
IGT6
IGT7
VCV1
AIP
ETHW
VG
E2G
THA
D58 Air Switching Valve (Bank 1)
DA4
VC
+B
GND
E2
D7 Mass Air Flow Meter
D3

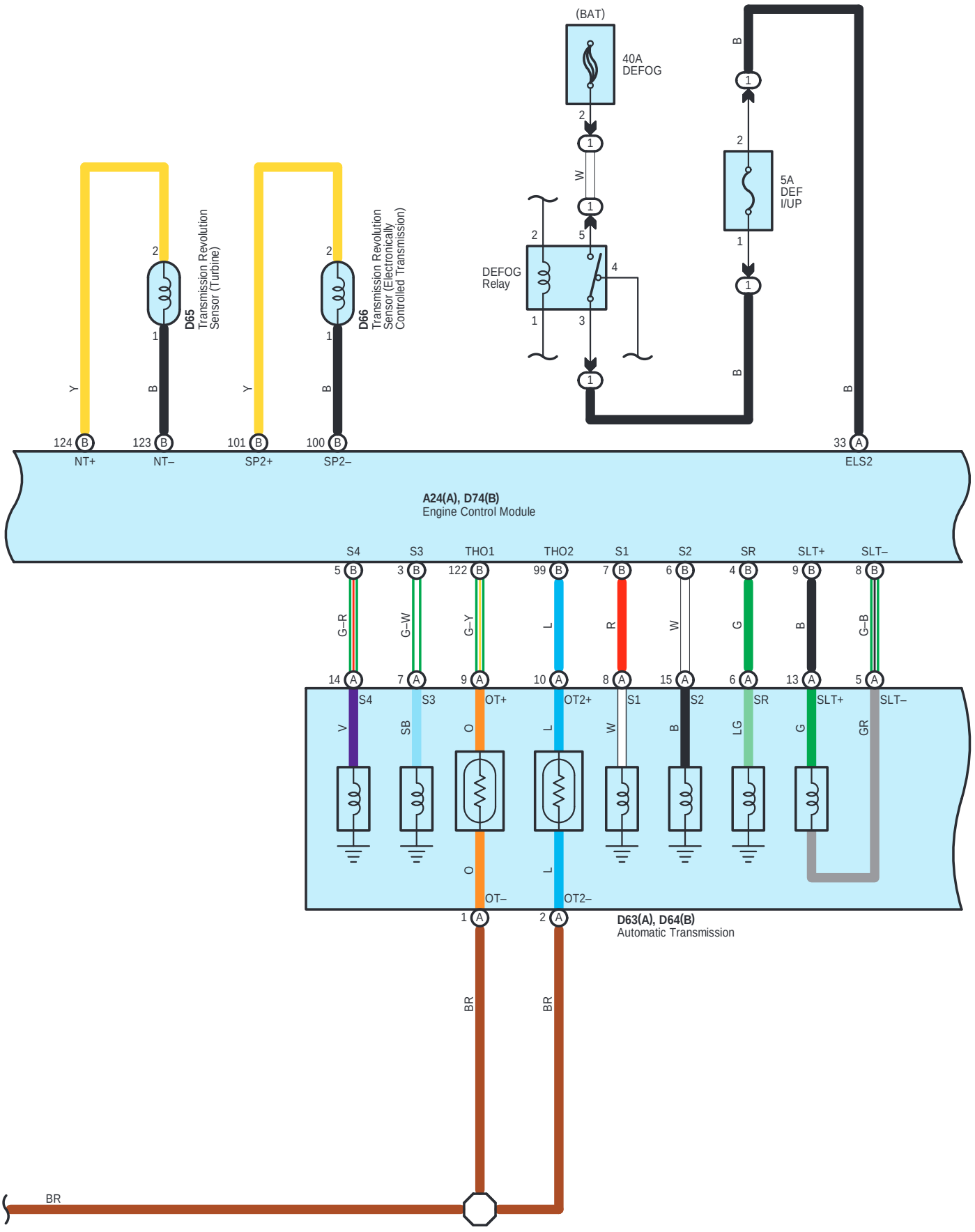

D25 Ignition Coil (No. 2)
IGT2
IGF2
D12 Ignition Coil (No. 3)
IGT3
IGF2
D14 Ignition Coil (No. 5)
IGT5
IGF2
D19 Ignition Coil (No. 8)
IGT8
IGF2
D72 Junction Connector
A24(A), D74(B) Engine Control Module
THW
ETHA
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
D28 Engine Coolant Temperature Sensor
D62 ACIS VSV
D31 Heated Oxygen Sensor (Bank 1 Sensor 2)
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
D71 Junction Connector

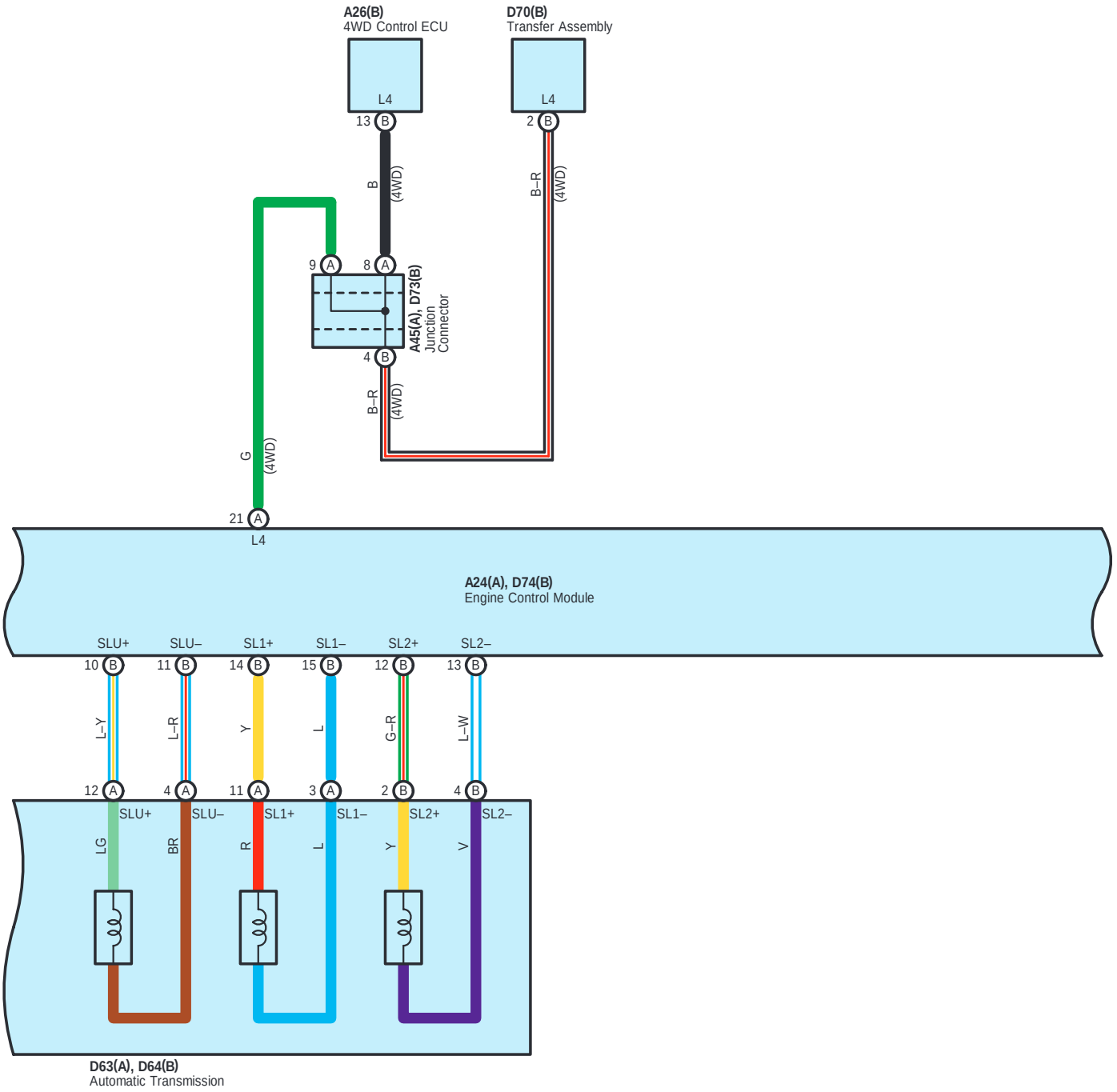
∗ 1 : Shielded

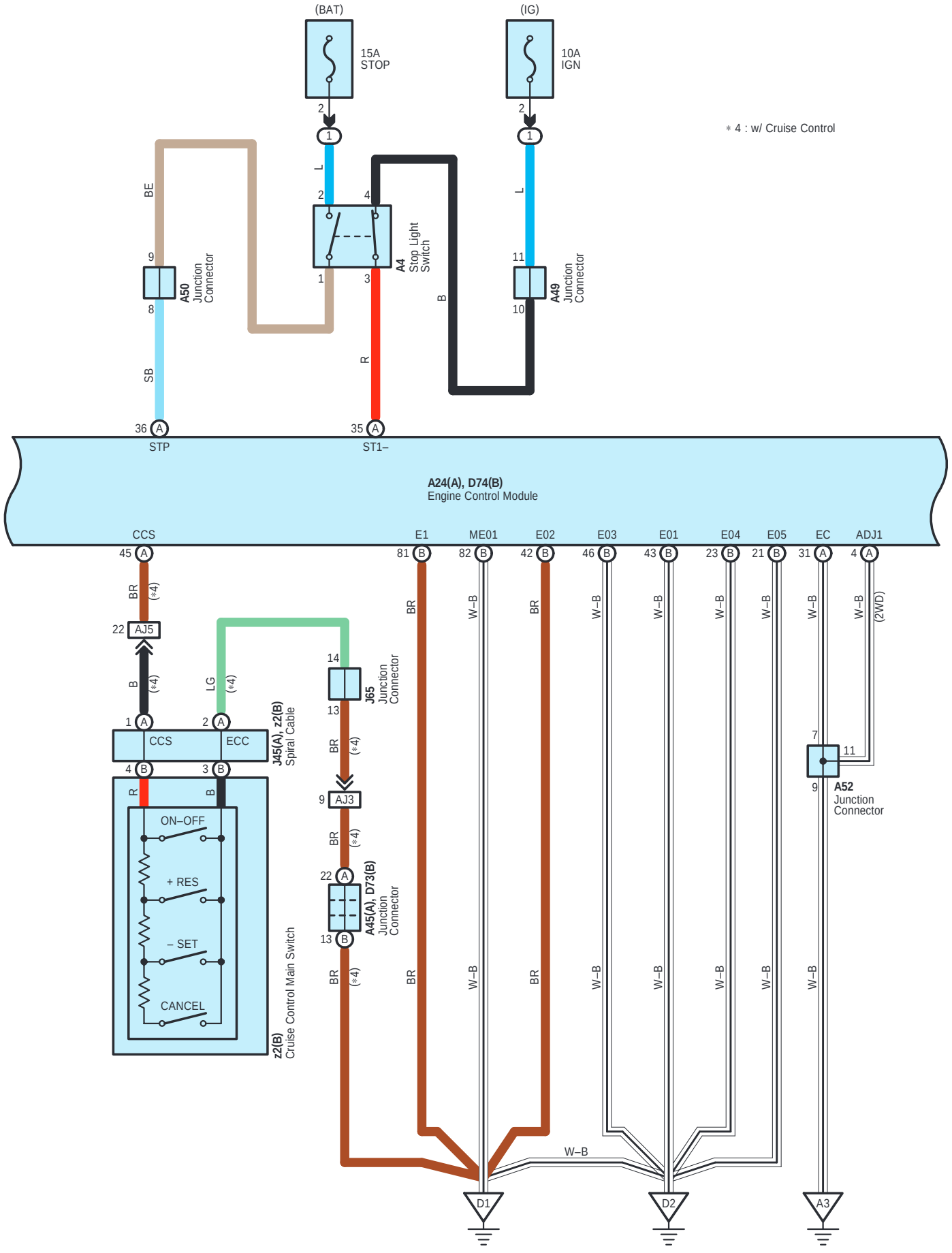

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
5
3
6
4
2
1
Y
L
R–Y
Y–B
(∗1)
R
G
BR
80 B
79 B
78 B
77 B
19 B
18 B
17 B
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
A24(A), D74(B)
Engine Control Module
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
VV2–
VV2+
66 B
91 B
92 B
68 B
69 B
65 B
64 B
88 B
87 B
L
G
R
B
R–L
B
R–L
Y
R
2
1
VVL–
VVL+
VC
D37
VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40
VVT Sensor (Bank 1 Exhaust Side)
EX–
EX+
VC2
D41
VVT Sensor (Bank 2 Exhaust Side)
VVR–
VVR+
VC
D39
VVT Sensor (Bank 2 Intake Side)
3
R
L
Y
L
BR
BR
L
L
L
L
B–W
B–W
BR
BR

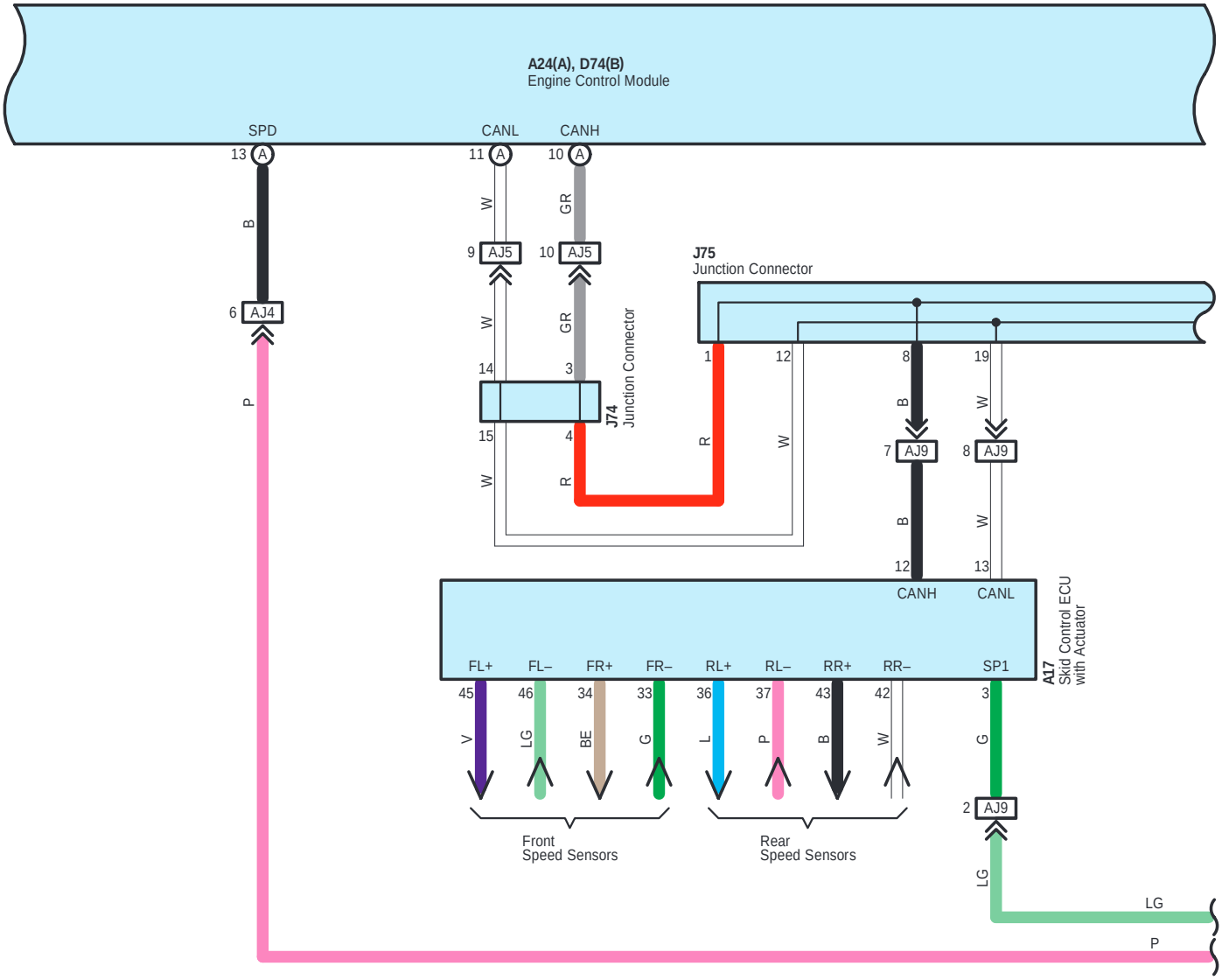

A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
W
LG
B
V
BE
P
55 A VPA
56 A VPA2
57 A VCPA
59 A VCP2
58 A EPA
60 A EPA2
J26
Transponder Key ECU
EFIO
EFII
13
12
Y
SB
1 AJ5
2 AJ5
B
P
40 A IMI
29 A IMO
A24(A), D74(B)
Engine Control Module
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
126 B
125 B
22 B
103 B
102 B
20 B
90 B
89 B
111 B
110 B
(*1)
G
R
L
P
L
G
R
B
Y
W
3
4
1
2
A1A+
A1A–
+B
HA1A
D33
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
D6
Camshaft Position Sensor
NE–
NE+
VC
D3
Crankshaft Position
Sensor
BR
B–W
Y
L
BR
BR
L
L
B–W
BR
BR


* 1 : Shielded
E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
ACT
19 A
AC1
A24(A), D74(B)
Engine Control Module
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
94 B
93 B
117 B
116 B
96 B
95 B
119 B
118 B
(*1)
BR
R
G
W
B
1 Da1
2 Da1
5 Da1
6 Da1
4 Da1
3 Da1
8 Da1
7 Da1
D71
Junction
Connector
18
16
17
20
19
22
21
a5
Knock Sensor
(Bank 1 Sensor 1)
a6
Knock Sensor
(Bank 2 Sensor 1)
a3
Knock Sensor
(Bank 1 Sensor 2)
a4
Knock Sensor
(Bank 2 Sensor 2)
D2

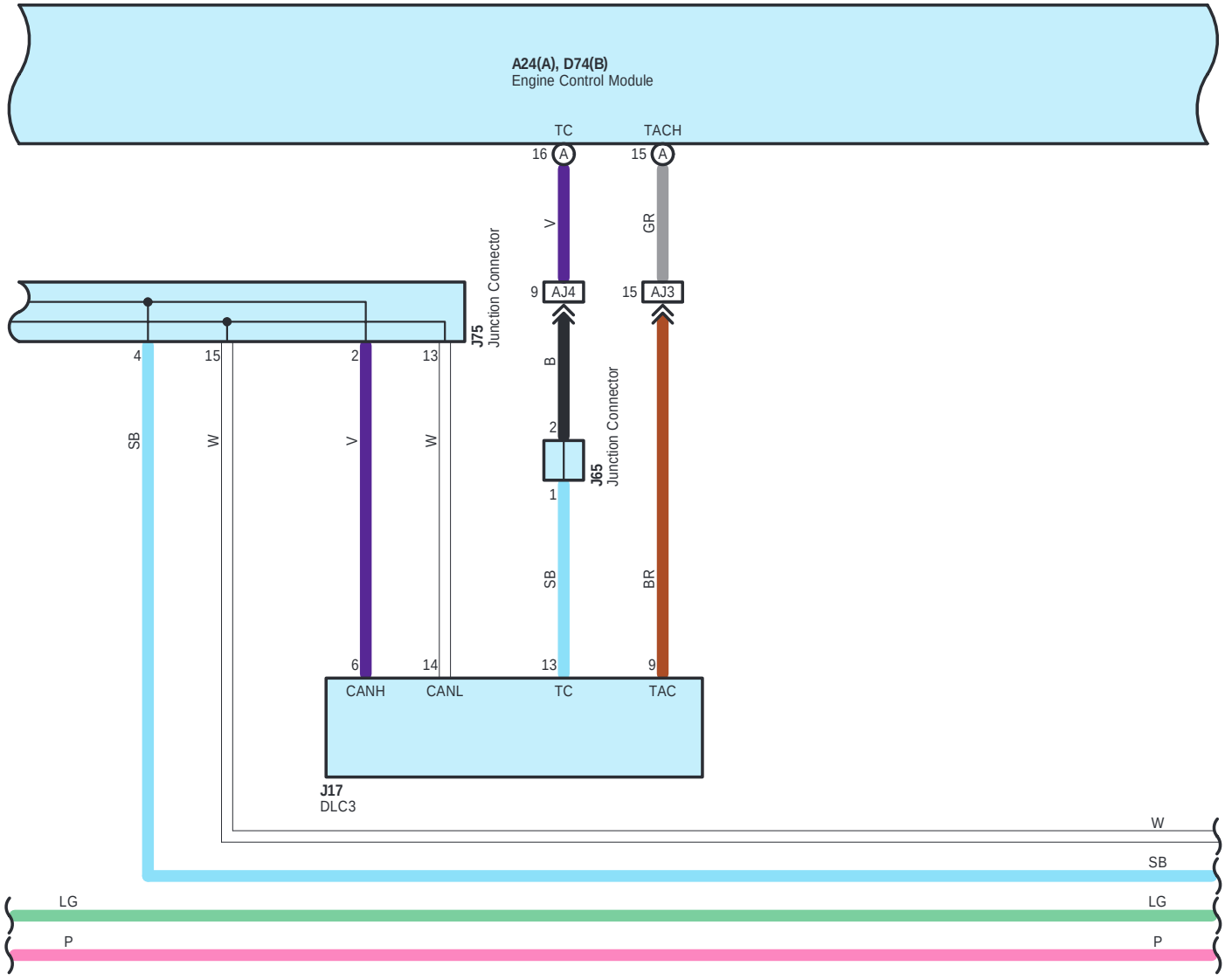

(BAT)
40A
DEFOG
5A
DEF
I/UP
DEFOG
Relay
D65
Transmission Revolution
Sensor (Turbine)
D66
Transmission Revolution
Sensor (Electronically
Controlled Transmission)
124 NT+
123 NT–
101 SP2+
100 SP2–
33 ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
OT+
OT–
OT2+
OT2–
D63(A), D64(B)
Automatic Transmission
BR

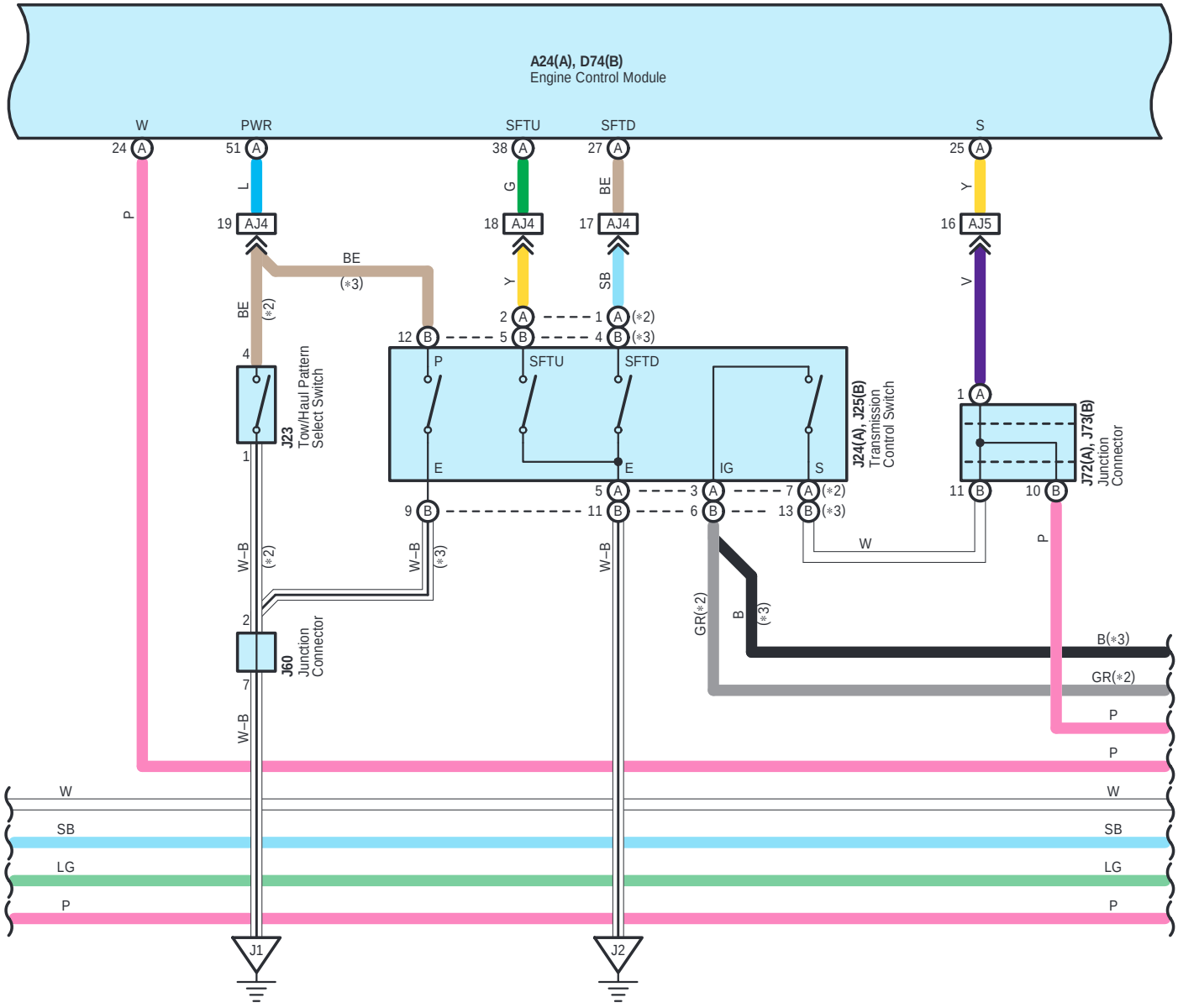

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
L4
13 B
2 B
B (4WD)
B–R (4WD)
9 A
8 A
A45(A), D73(B)
Junction Connector
4 B
B–R (4WD)
G (4WD)
21 A
L4
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
10 B
11 B
14 B
15 B
12 B
13 B
L–Y
L–R
Y
L
G–R
L–W
12 A
4 A
11 A
3 A
2 B
4 B
LG
BR
R
L
Y
V
D63(A), D64(B)
Automatic Transmission

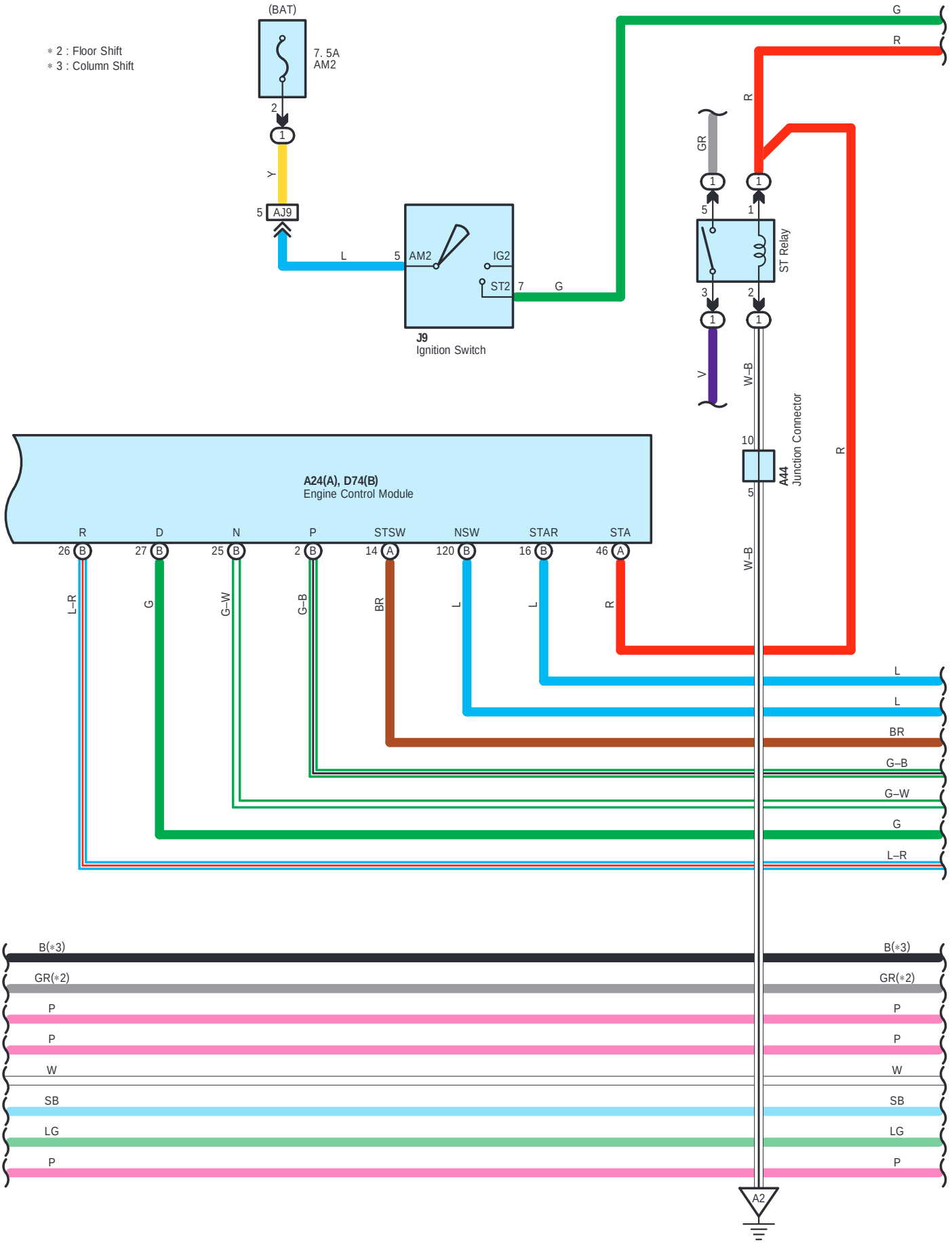

(BAT)
15A
STOP
(IG)
10A
IGN
∗ 4 : w/ Cruise Control
BE
SB
L
R
B
A50
Junction
Connector
A4
Stop Light
Switch
A49
Junction
Connector
STP
ST1–
A24(A), D74(B)
Engine Control Module
CCS
E1
ME01
E02
E03
E01
E04
E05
EC
ADJ1
BR
W–B
LG
(∗4)
(2WD)
AJ5
AJ3
J65
Junction
Connector
J45(A), Z2(B)
Spiral Cable
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
Z2(B)
Cruise Control Main Switch
A45(A), D73(B)
Junction
Connector
A52
Junction
Connector
D1
D2
A3

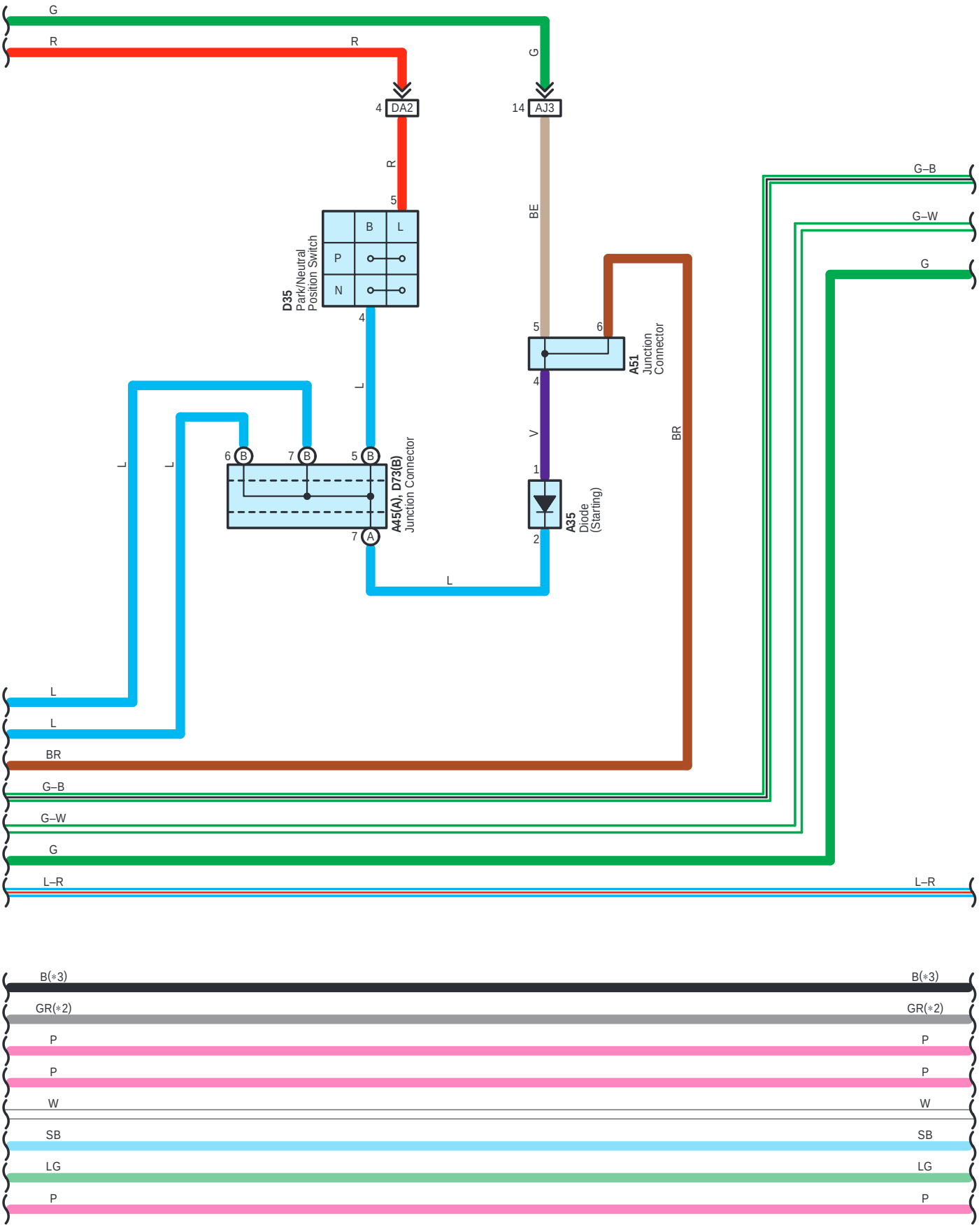

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
J75
Junction Connector
14
3
1
12
8
19
J74
Junction Connector
15
4
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P

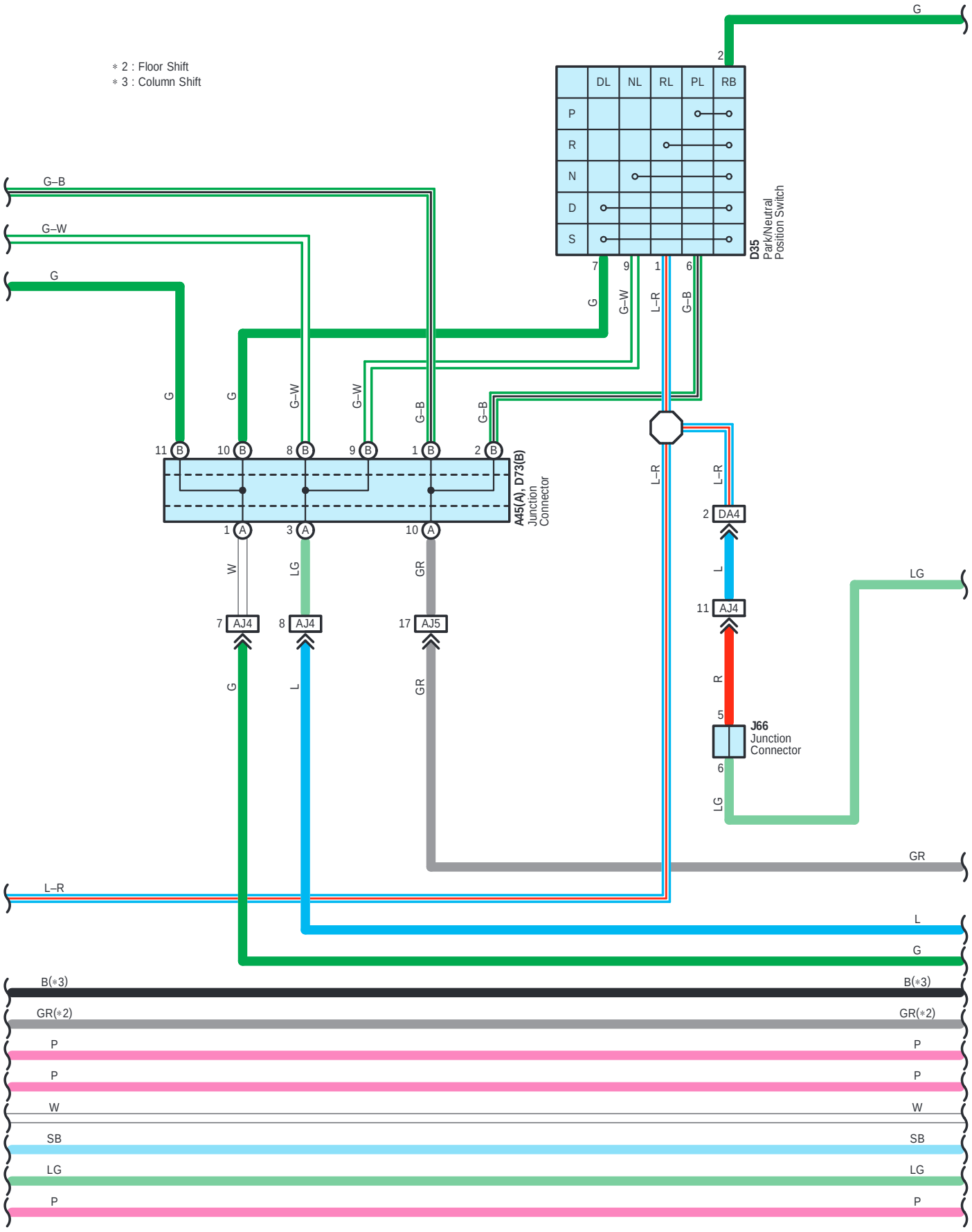
* 2 : Floor Shift
* 3 : Column Shift

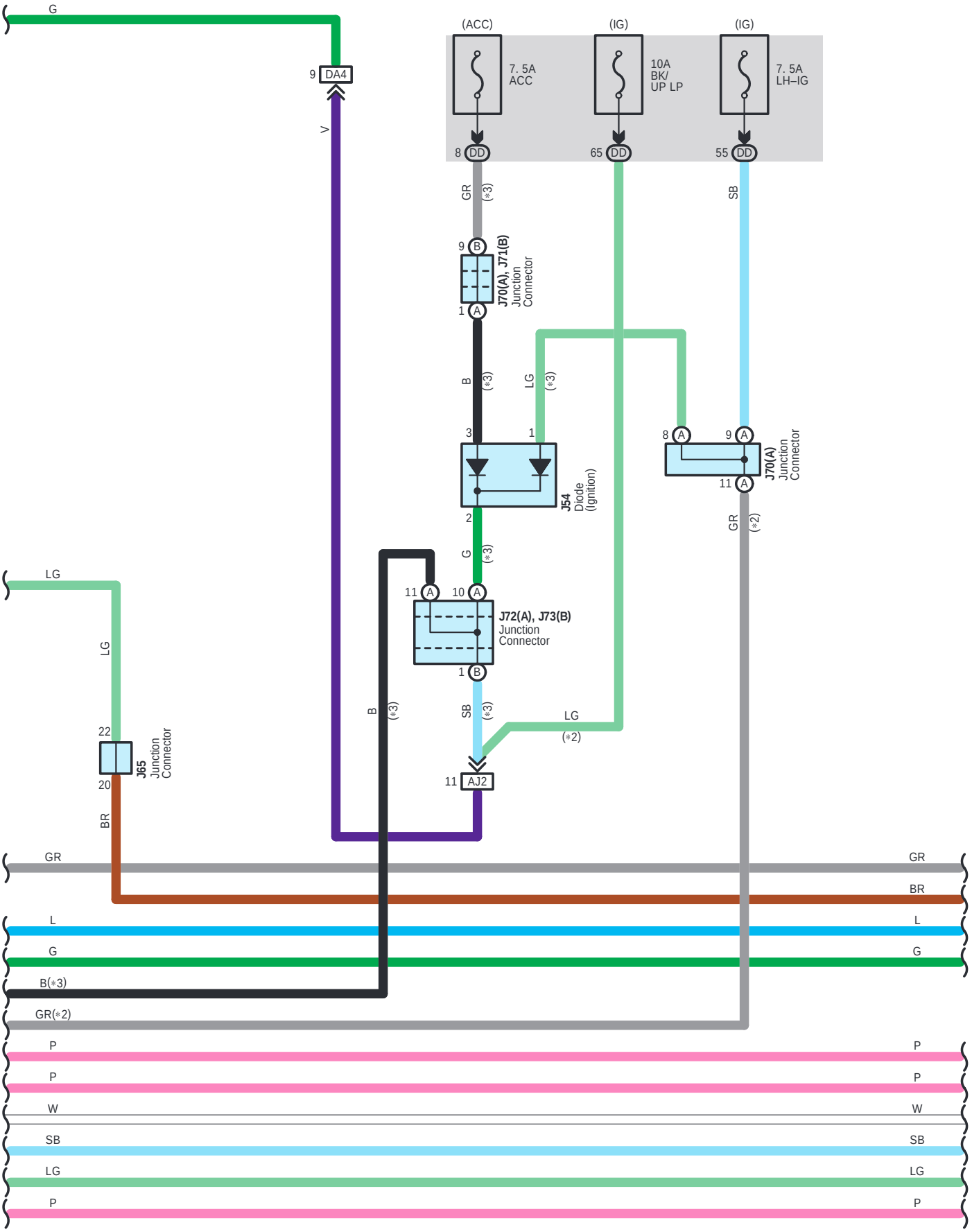


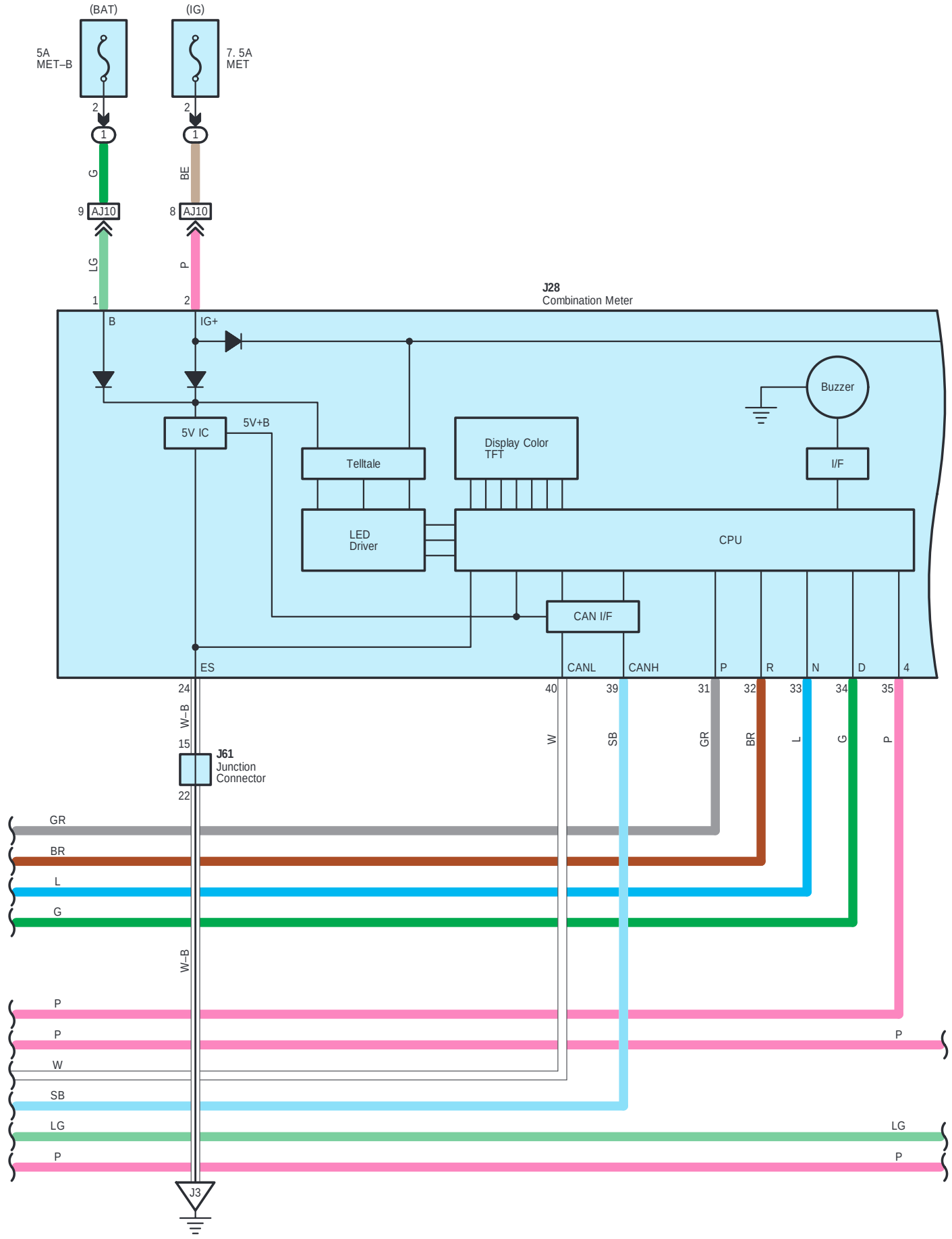

A24(A), D74(B)
Engine Control Module
W
PWR
SFTU
SFTD
S
24 A
51 A
38 A
27 A
25 A
L
G
BE
Y
P
19 AJ4
18 AJ4
17 AJ4
16 AJ5
BE
(*3)
Y
SB
V
BE
(*2)
2 A
1 A
(*2)
12 B
5 B
4 B
(*3)
4
P
SFTU
SFTD
1 A
J23
Tow/Haul Pattern
Select Switch
E
E
IG
S
J24(A), J25(B)
Transmission
Control Switch
J72(A), J73(B)
Junction
Connector
1
5 A
3 A
7 A
(*2)
11 B
10 B
9 B
11 B
6 B
13 B
(*3)
W–B
(*2)
W–B
(*3)
W–B
W
P
2
GR(*2)
B
(*3)
B(*3)
J60
Junction
Connector
GR(*2)
7
P
W–B
P
W
W
SB
SB
LG
LG
P
P
J1
J2

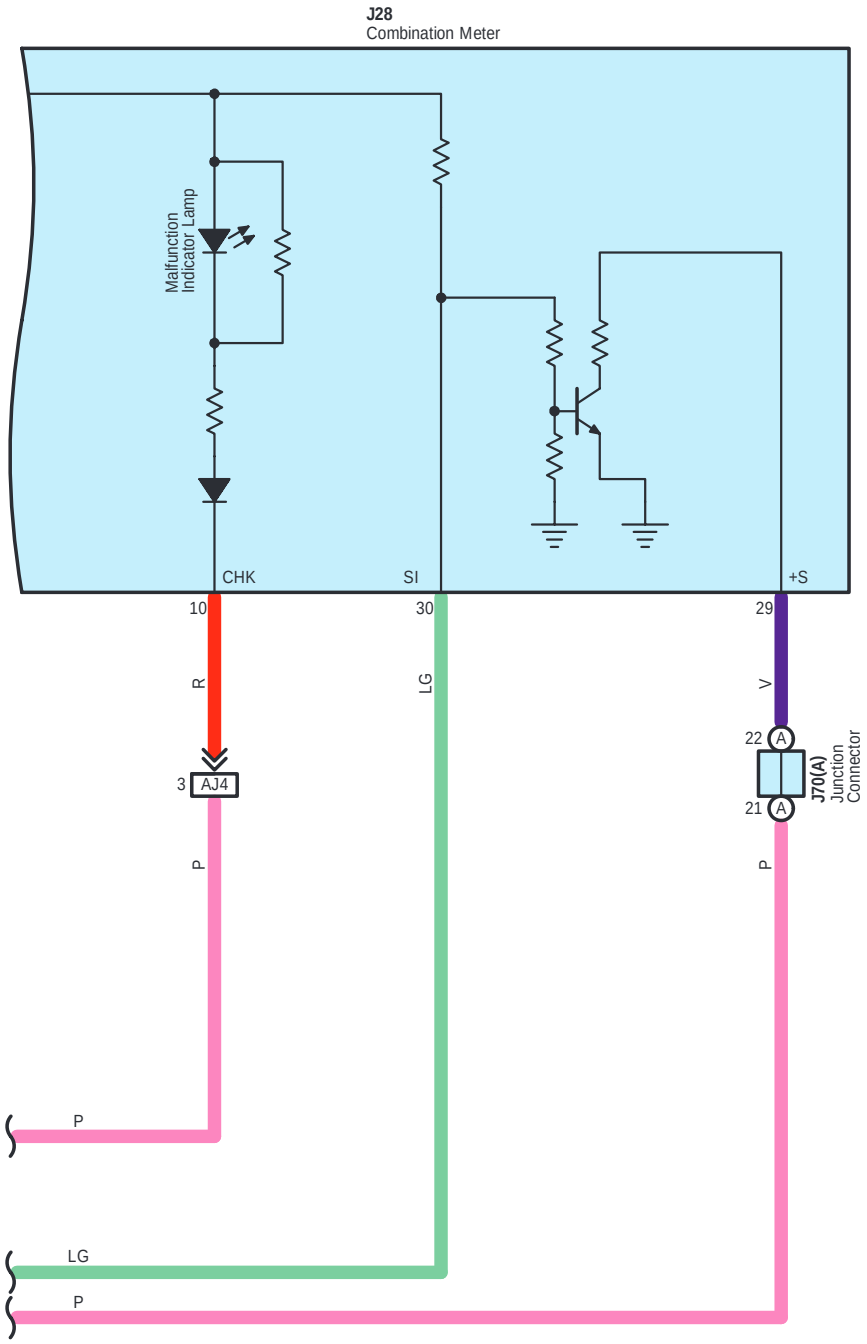

∗ 2 : Floor Shift
∗ 3 : Column Shift
(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
A2


G
R
R
G
4 DA2
14 AJ3
R
BE
5
B
L
P
N
D35
Park/Neutral
Position Switch
4
L
G–B
G–W
G
5
6
A51
Junction
Connector
4
V
BR
1
2
A35
Diode
(Starting)
6 B
7 B
5 B
7 A
A45(A), D73(B)
Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P

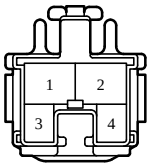

∗ 2 : Floor Shift
∗ 3 : Column Shift
G
2
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction
Connector
6
LG
LG
GR
L–R
L
G
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P


G
9 DA4
V
(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
G (*3)
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
LG
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
B (*3)
SB (*3)
LG
(*2)
LG
22
J65
Junction
Connector
20
BR
11 AJ2
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

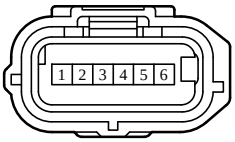

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
21
J70(A)
Junction Connector
P
P
P
LG
P

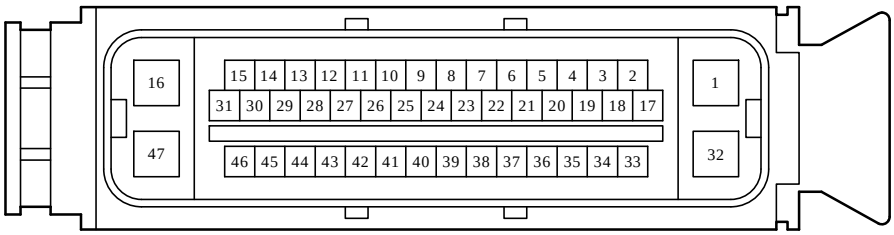
A 4
White



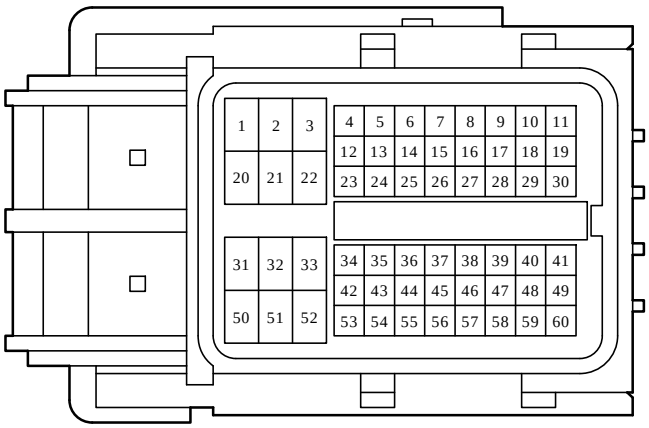
A 14
Black



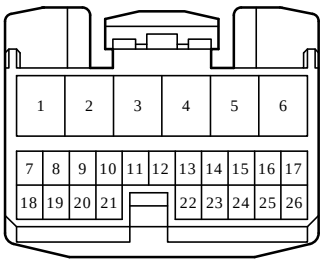
A 17
Black



A 24
Black



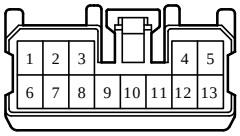
A 26
White



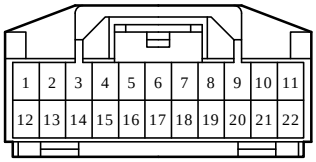
A 35
Black



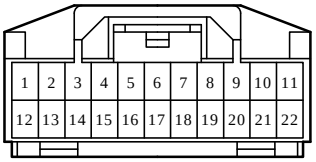
A 44
White



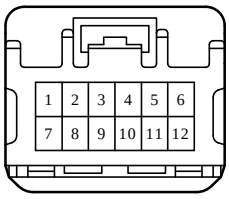
A 45
Blue



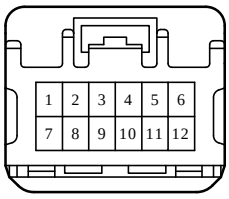
A 49
White



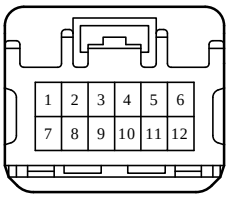
A 50
White



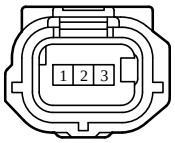
A 51
Black



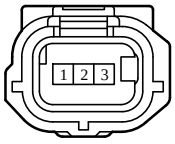
A 52
White



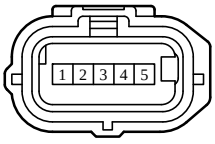
D 3
Black



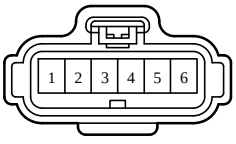
D 6
Black



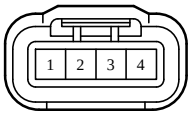
D 7
Black



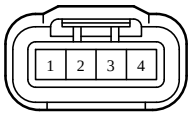
D 9
Black



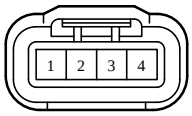
D 10
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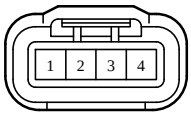
D 12
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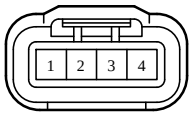
D 14
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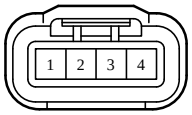
D 16
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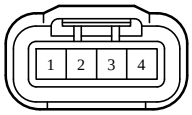
D 19
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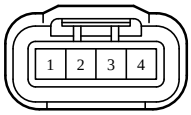
D 21
Black



D 23
Black



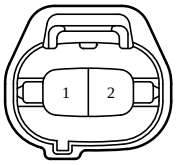
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



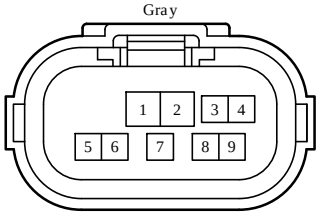
D 33
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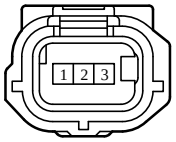
D 34
Dark Gray



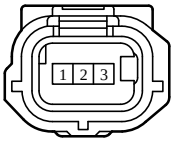
D 35
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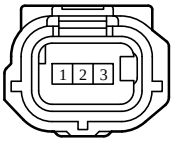
D 37
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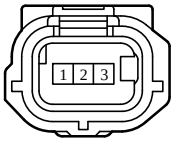
D 39
Black



D 40
Black



D 41
Black



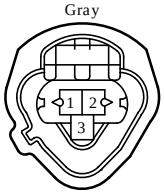
D 44
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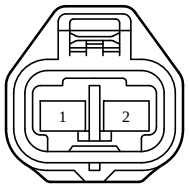
D 45
Black



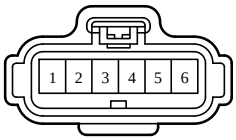
D 46
Gray



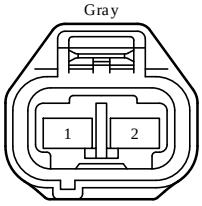
D 48
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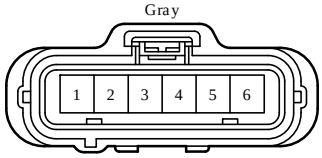
D 50
Black



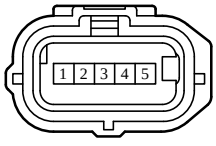
D 52
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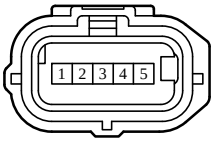
D 54
Gray



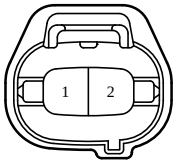
D 58
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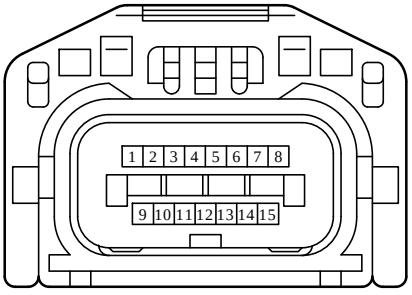
D 59
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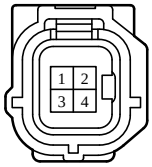
D 62
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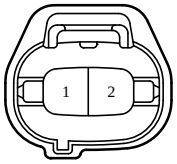
D 63
Gray



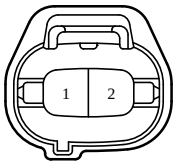
D 64
Gray



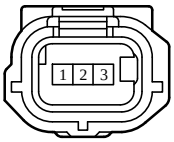
D 65
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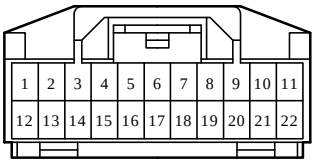
D 66
Black



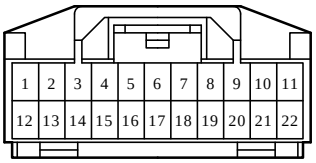
D 70
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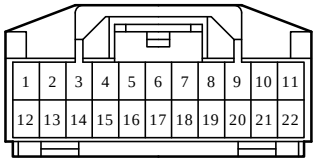
D 71
White



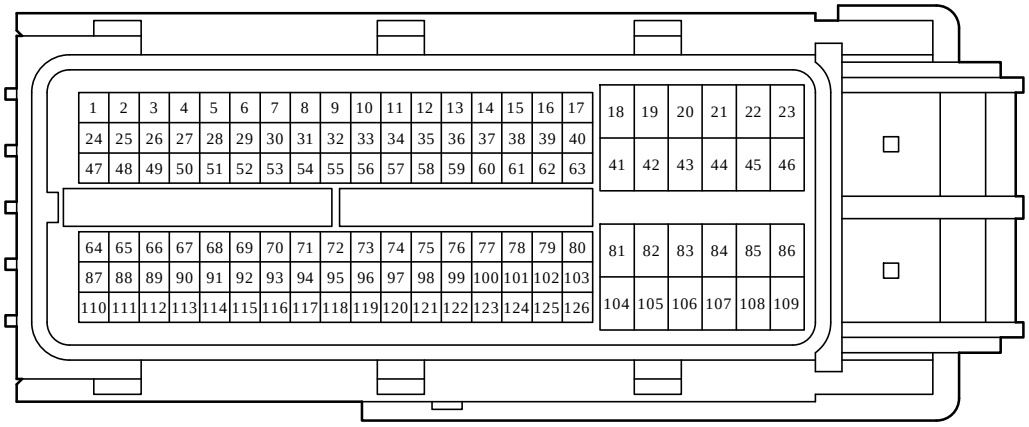
D 72
White



D 73
Blue



D 74
Black



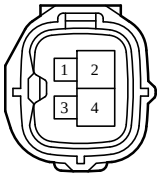
D 75
Black



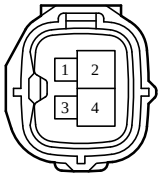
D 76
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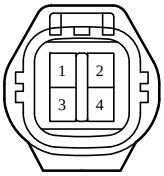
D 89
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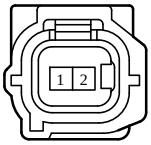
D 90
Black



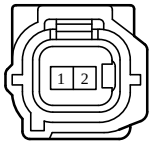
E 9
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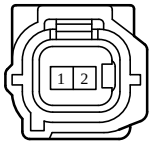
F 1
Black



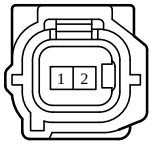
F 2
Black



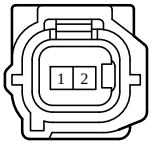
F 3
Black



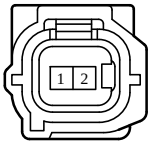
F 4
Black



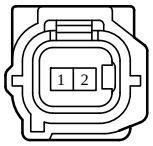
H 1
Black



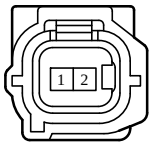
H 2
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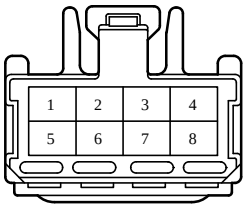
H 3
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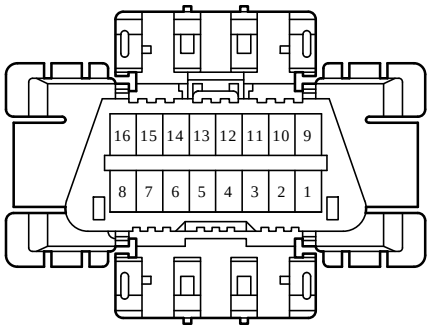
H 4
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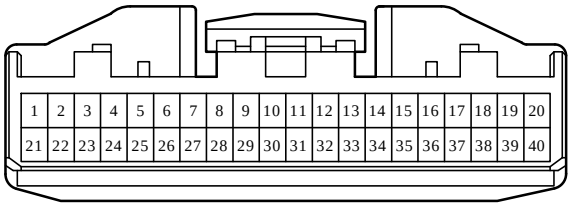
J 9
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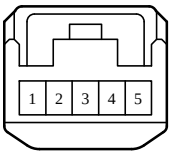
J 17
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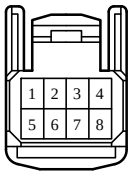
J 19
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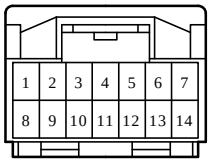
J 23
Black



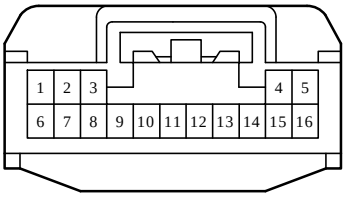
J 24
White



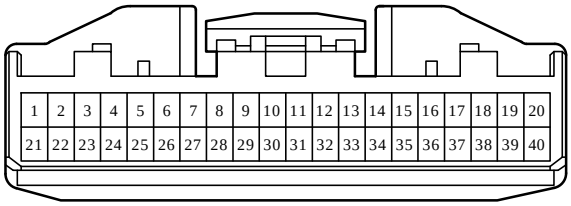
J 25
White



J 26
White



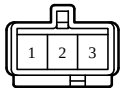
J 28
Black



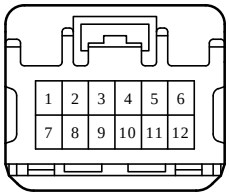
J 45
Black



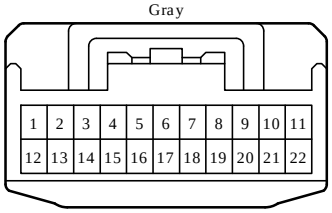
J 54
Orange



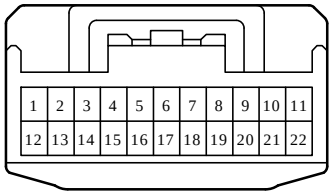
J 60
White



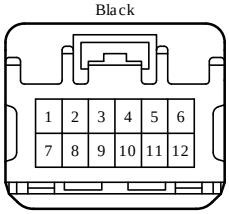
J 61
Gray



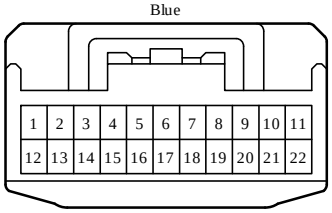
J 65
White



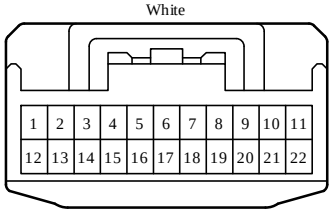
J 66
Black



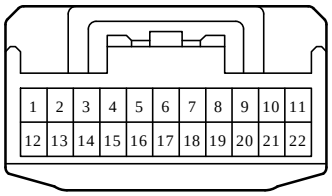
J 70
Blue



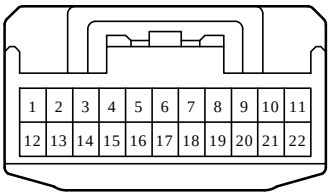
J 71
White



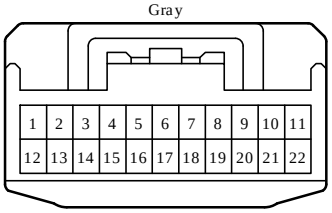
J 72
Black



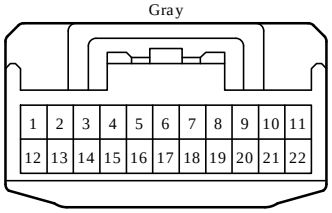
J 73
Black



J 74
Gray



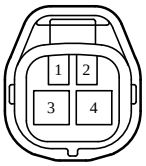
J 75
Gray



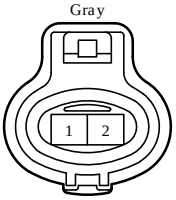
R 6
White



R 7
Black



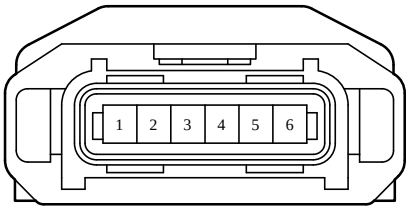
R 8
Gray



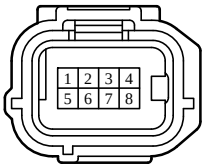
R 9
Dark Gray



R 11
Black



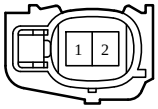
R 12
Black



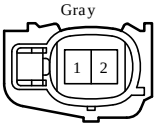
R 19
White



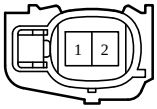
a 3
Black



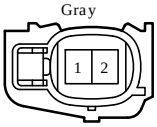
a 4
Gray



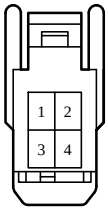
a 5
Black



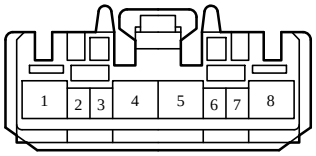
a 6
Gray



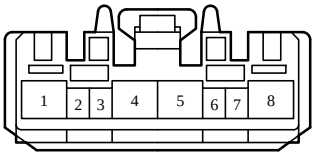
z 2
White



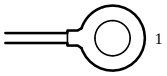
1A
White



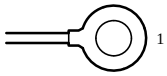
1B
White



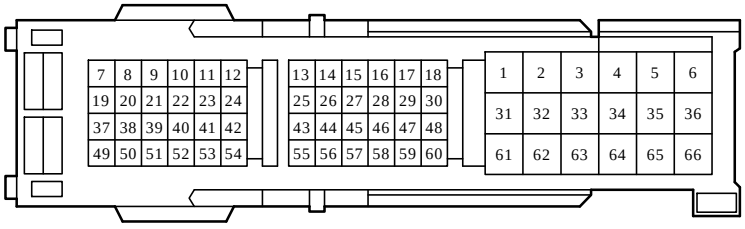
1G



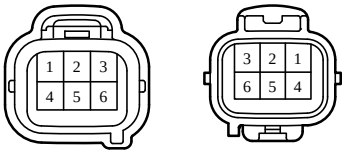
1H



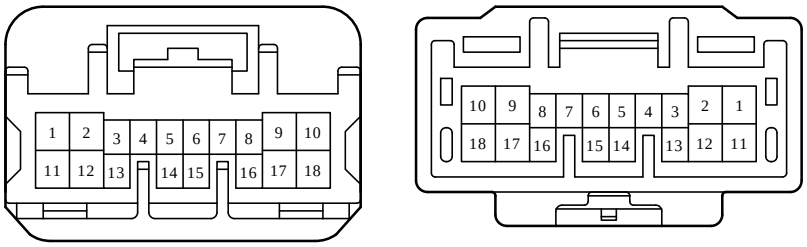
DD
White



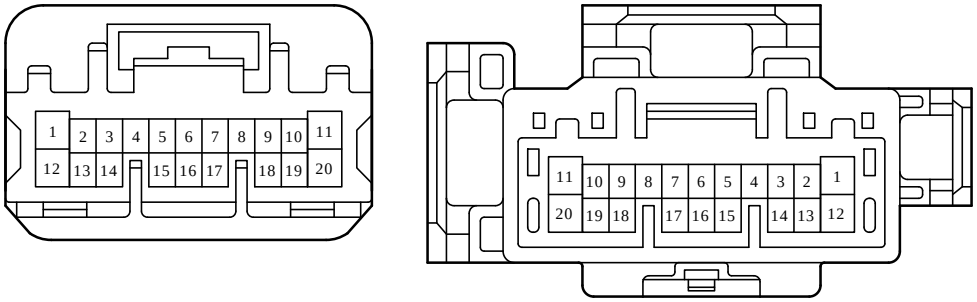
AE1
Gray



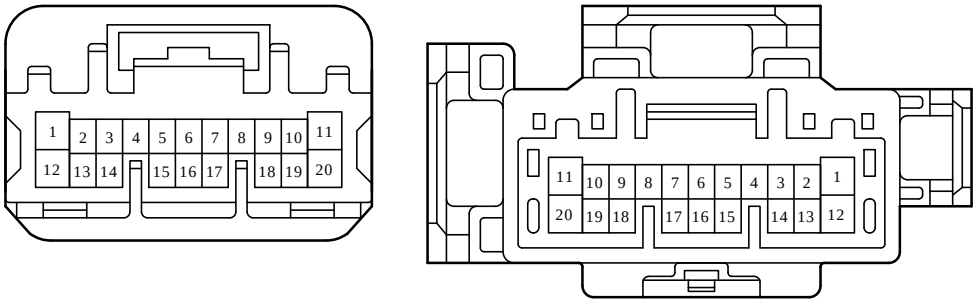
AJ2
Gray



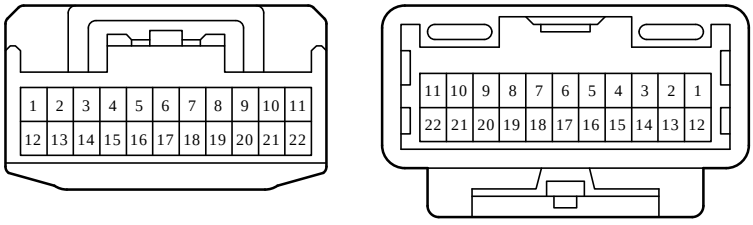
AJ3
White



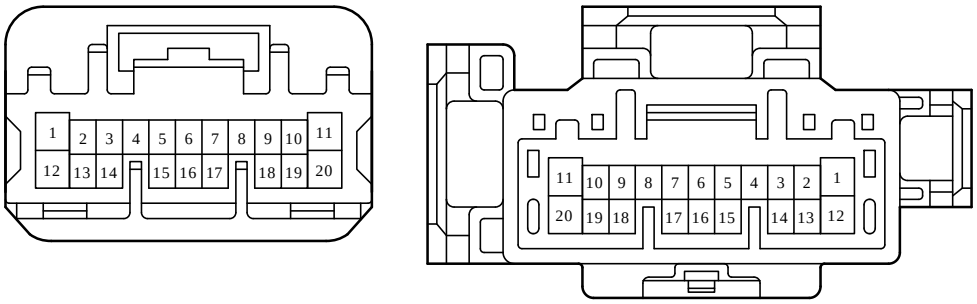
AJ4
White



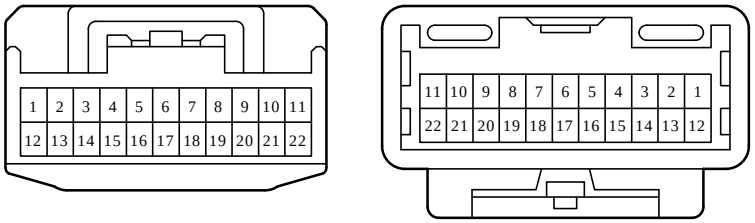
AJ5
Gray



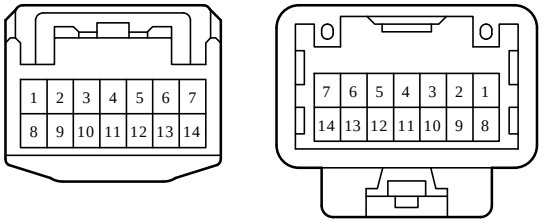
AJ9
White



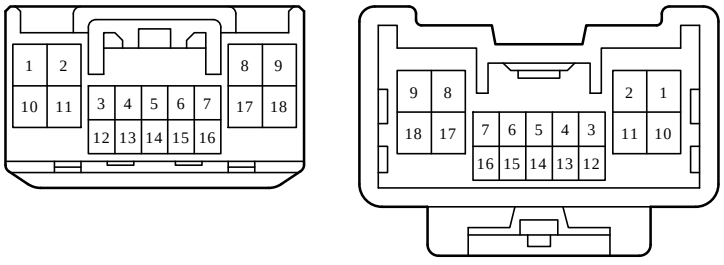
AJ10
Gray



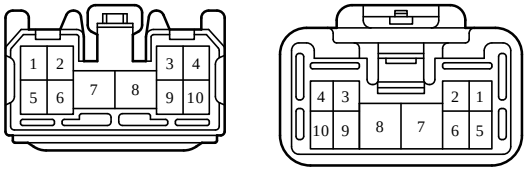
DA1
Black



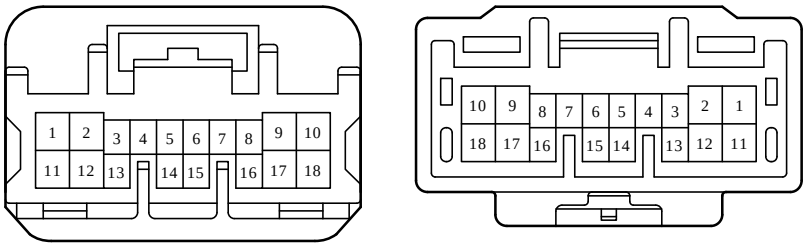
DA2
White



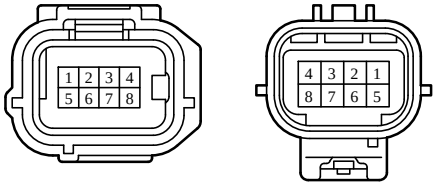
DA3
White



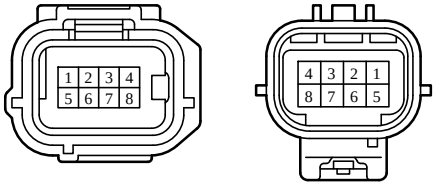
DA4
Gray



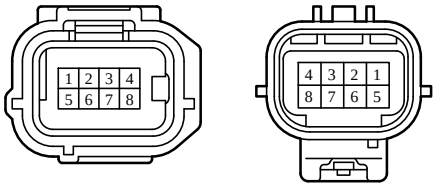
DF1
Gray



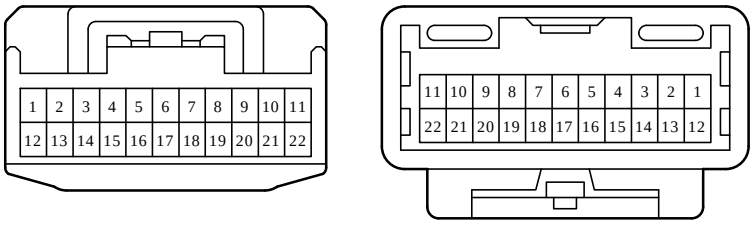
DH1
Gray



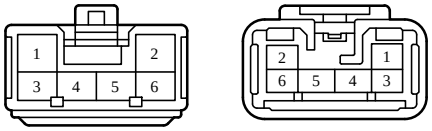
Da1
Gray



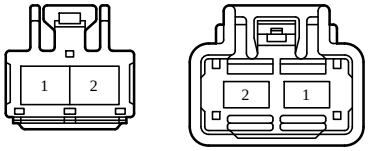
RA1
Black

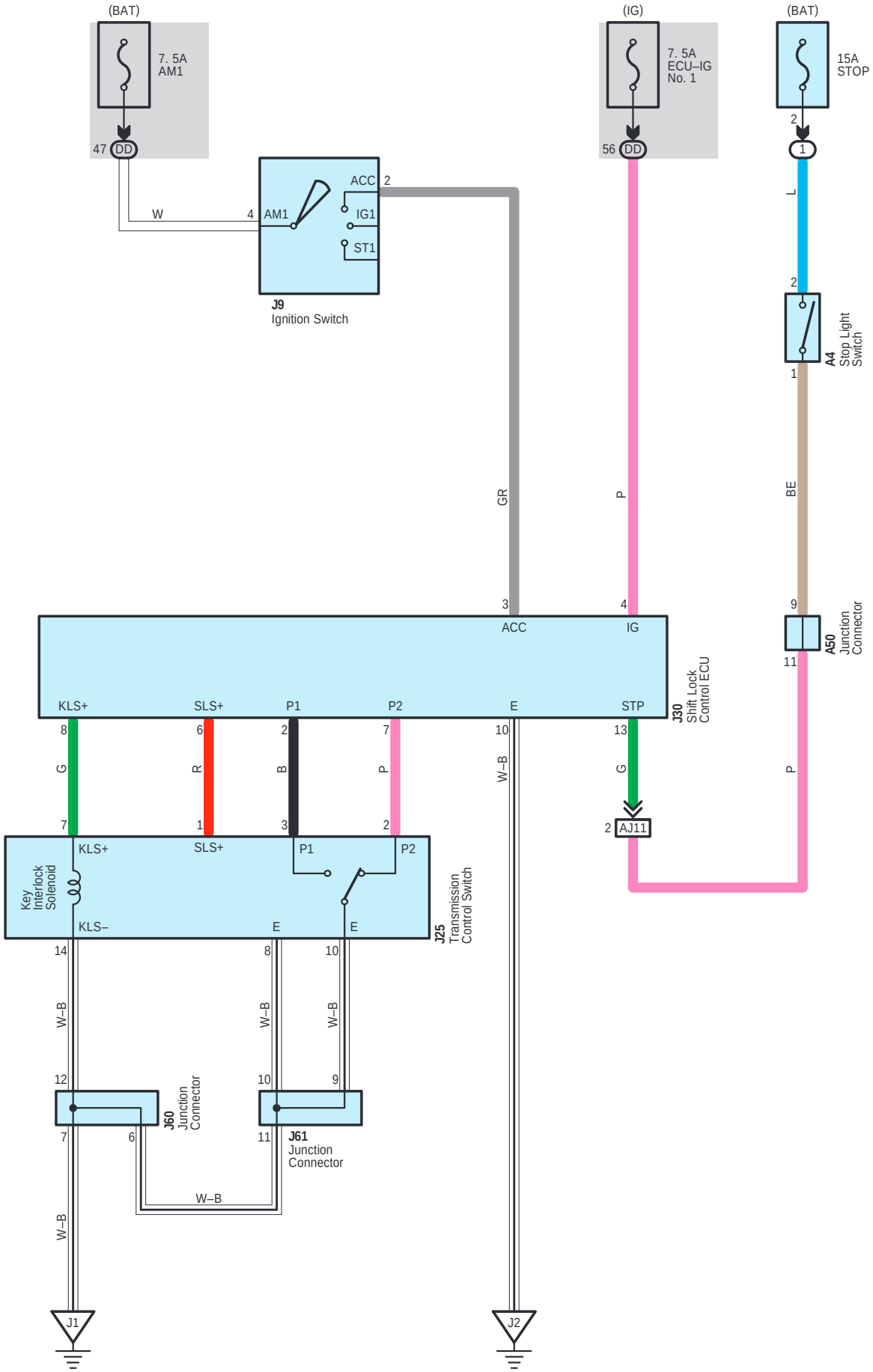


RA2
White

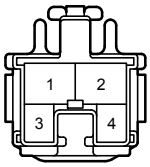


RA4
White

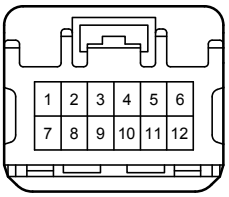



(BAT)
7. 5A
AM1
47
DD
W
4
AM1
ACC
2
IG1
ST1
J9
Ignition Switch
(IG)
7. 5A
ECU–IG
No. 1
56
DD
(BAT)
15A
STOP
2
1
L
2
A4
Stop Light
Switch
1
BE
9
A50
Junction
Connector
11
GR
P
3
4
ACC
IG
KLS+
SLS+
P1
P2
E
STP
J30
Shift Lock
Control ECU
8
6
2
7
10
13
G
R
B
P
W–B
G
7
1
3
2
2
AJ11
KLS+
SLS+
P1
P2
Key
Interlock
Solenoid
KLS–
E
E
J25
Transmission
Control Switch
14
8
10
W–B
W–B
W–B
12
10
9
J60
Junction
Connector
7
6
11
J61
Junction
Connector
W–B
W–B
J1
J2

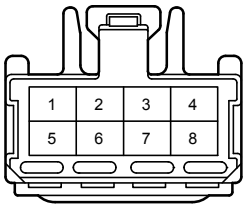
A 4
White



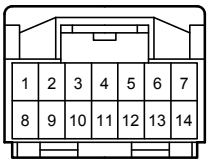
A 50
White



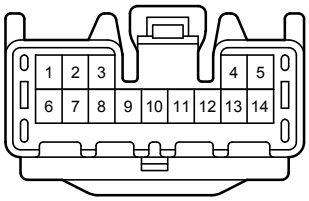
J 9
White



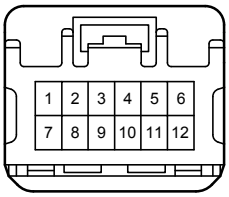
J 25
White



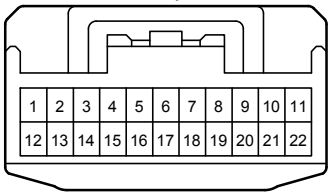
J 30
White



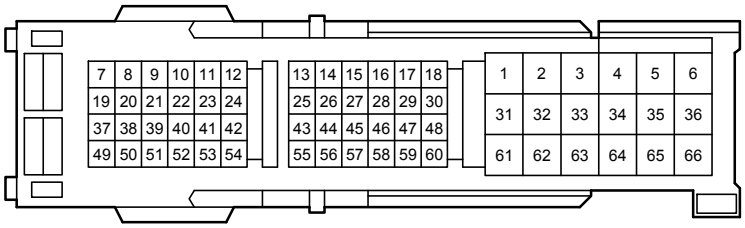
J 60
White



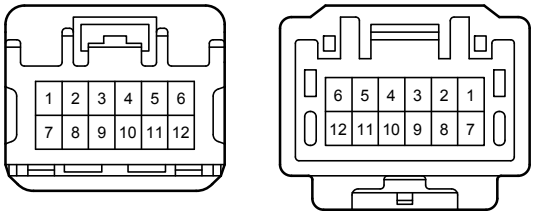
J 61
Gray

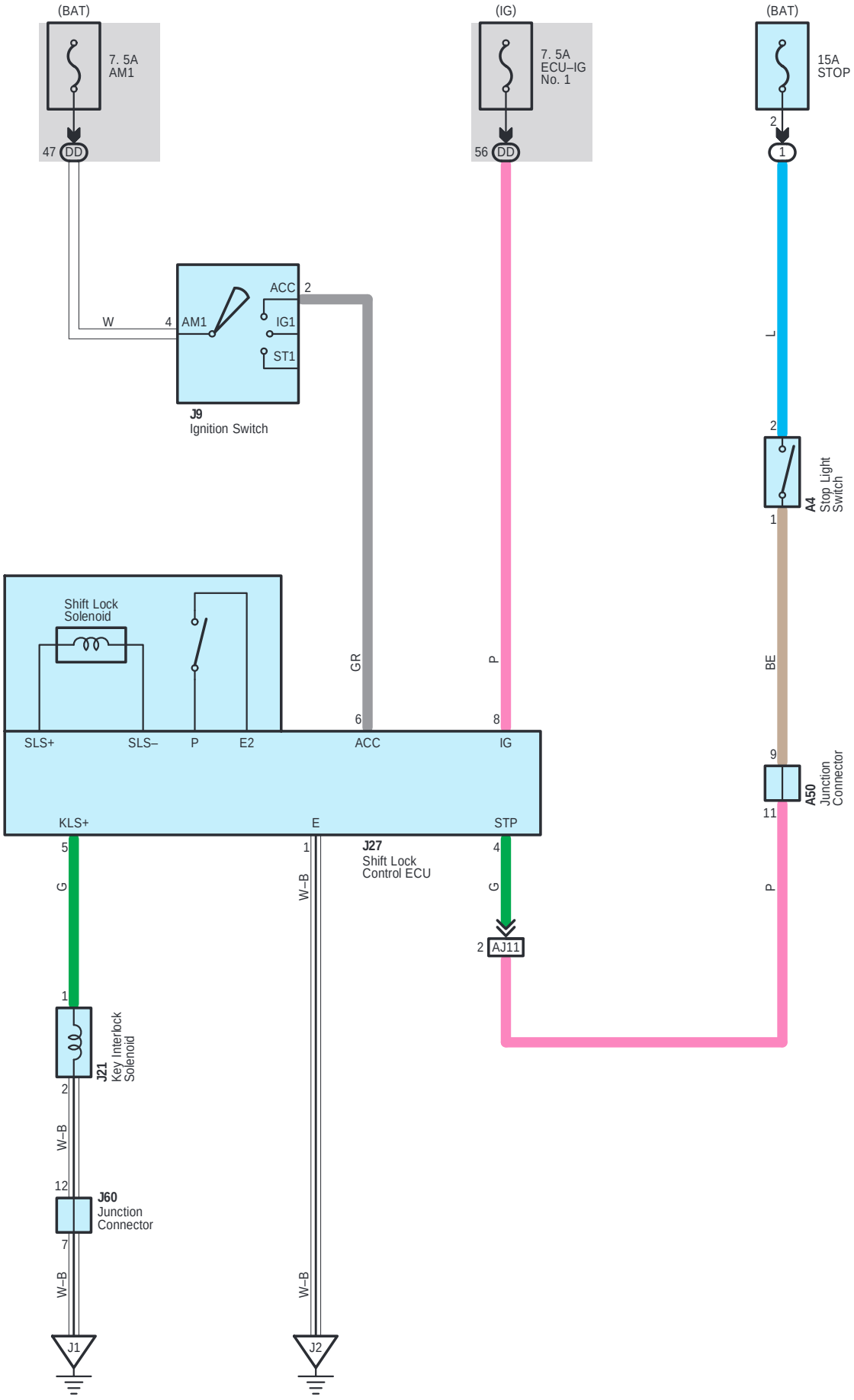


DD
White

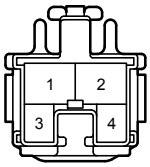


AJ11
Gray

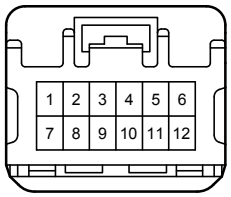



(BAT)
7. 5A
AM1
47 DD
W
4 AM1
ACC 2
IG1
ST1
J9
Ignition Switch
(IG)
7. 5A
ECU–IG
No. 1
56 DD
(BAT)
15A
STOP
2
1
L
2
A4
Stop Light
Switch
1
BE
9
A50
Junction
Connector
11
P
Shift Lock
Solenoid
GR
6
P
8
SLS+
SLS–
P
E2
ACC
IG
KLS+
E
STP
5
G
1
J21
Key Interlock
Solenoid
2
W–B
12
J60
Junction
Connector
7
W–B
J1
1
W–B
J27
Shift Lock
Control ECU
W–B
J2
4
G
2 AJ11

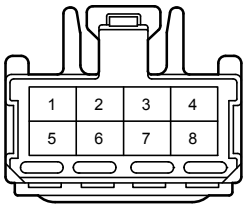
A 4
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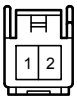
A 50
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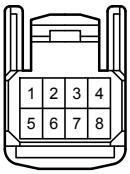
J 9
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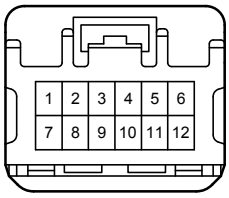
J 21
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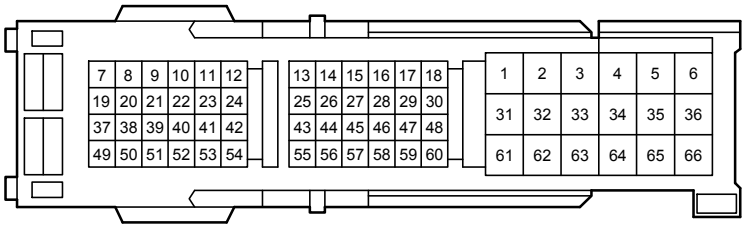
J 27
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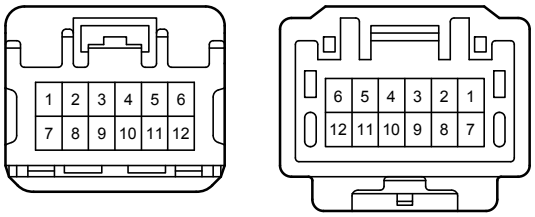
J 60
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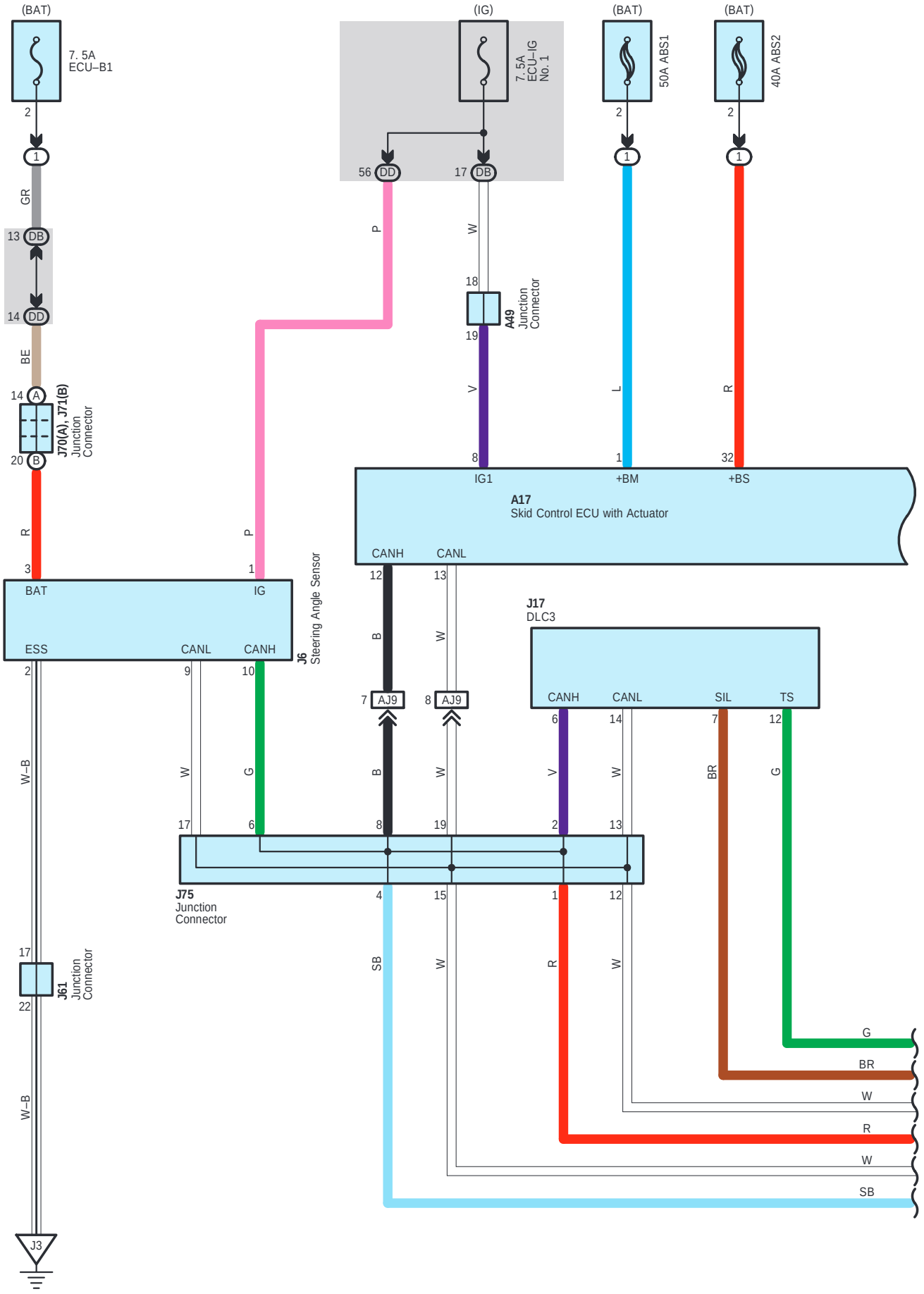


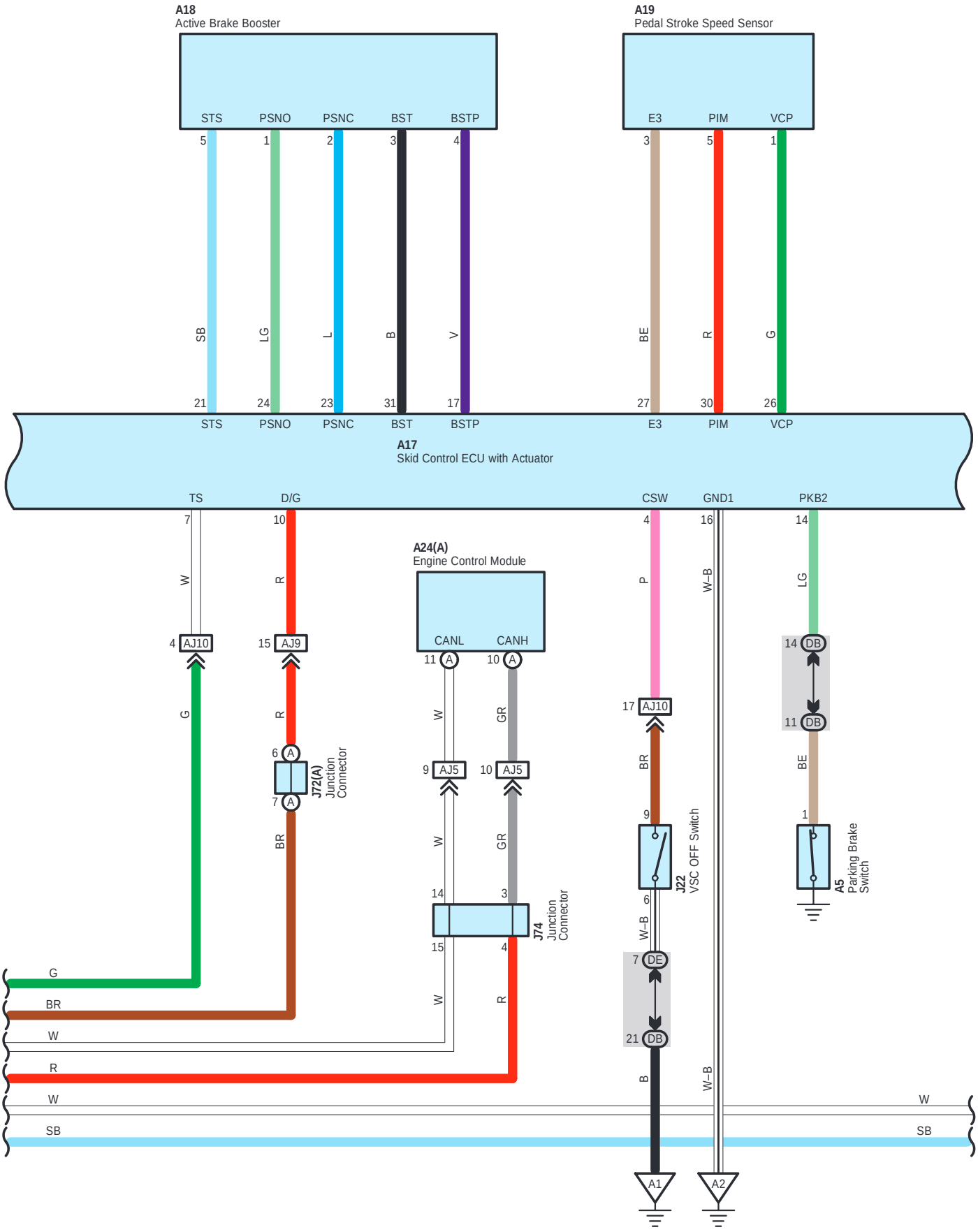
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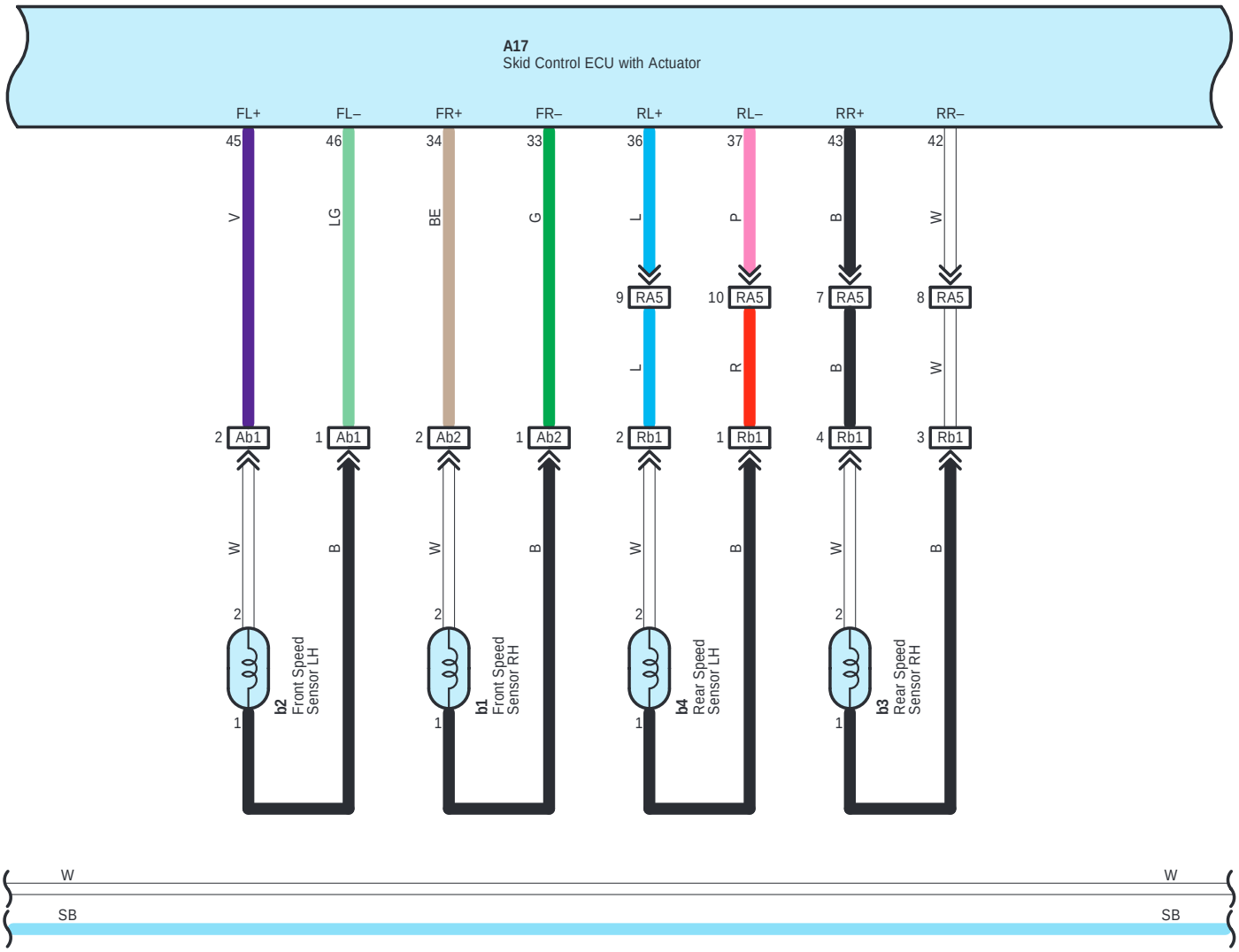


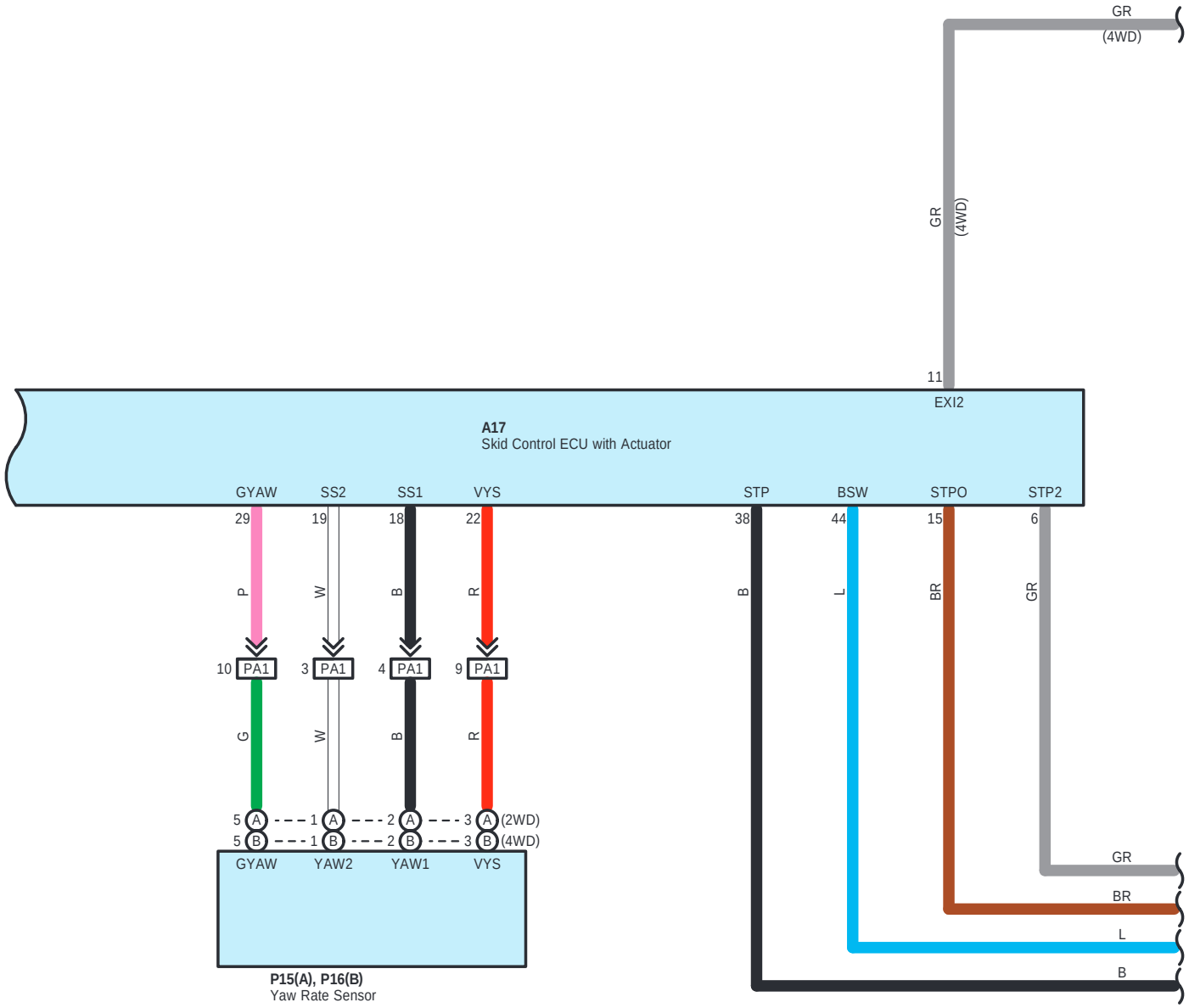
AJ11
Gray

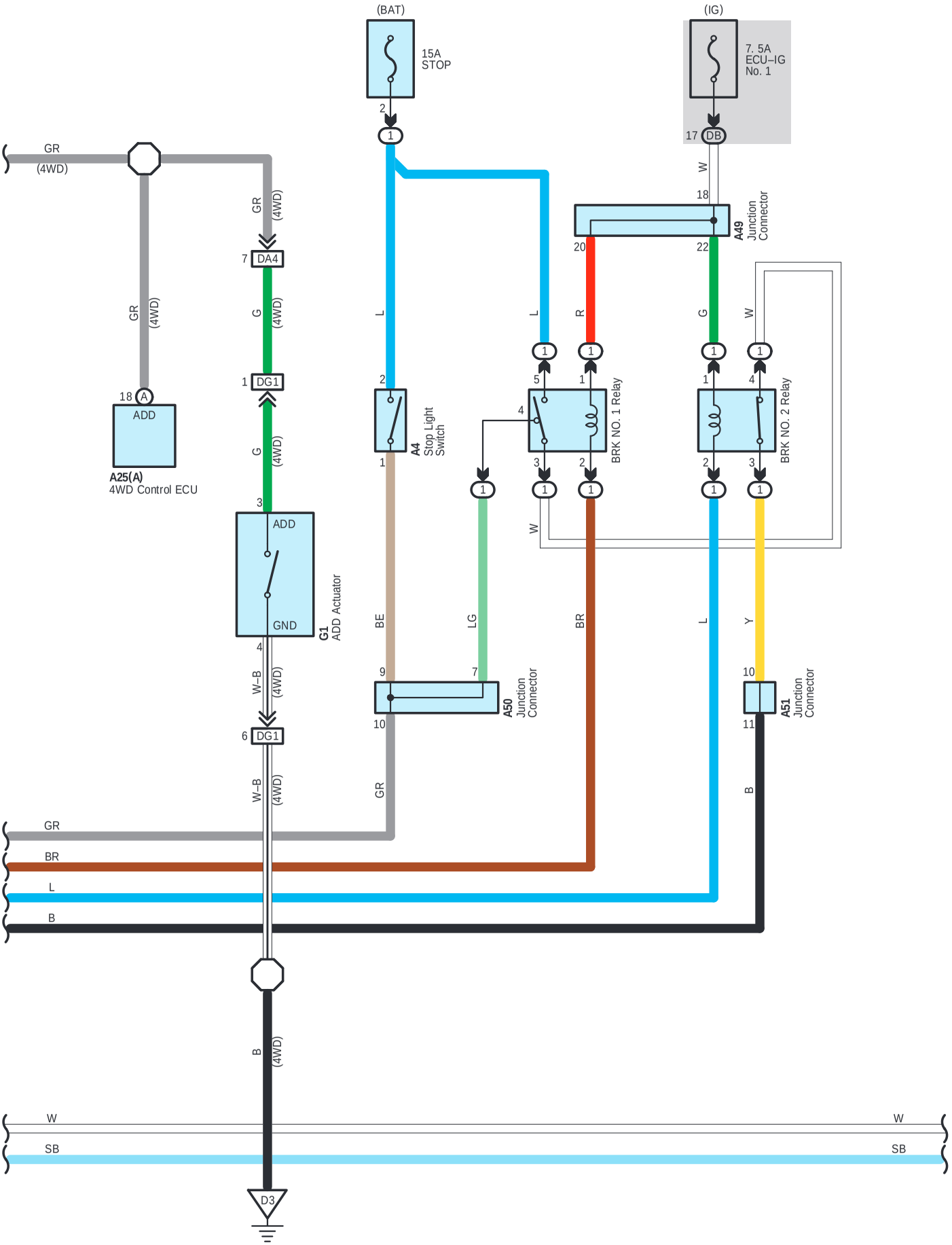


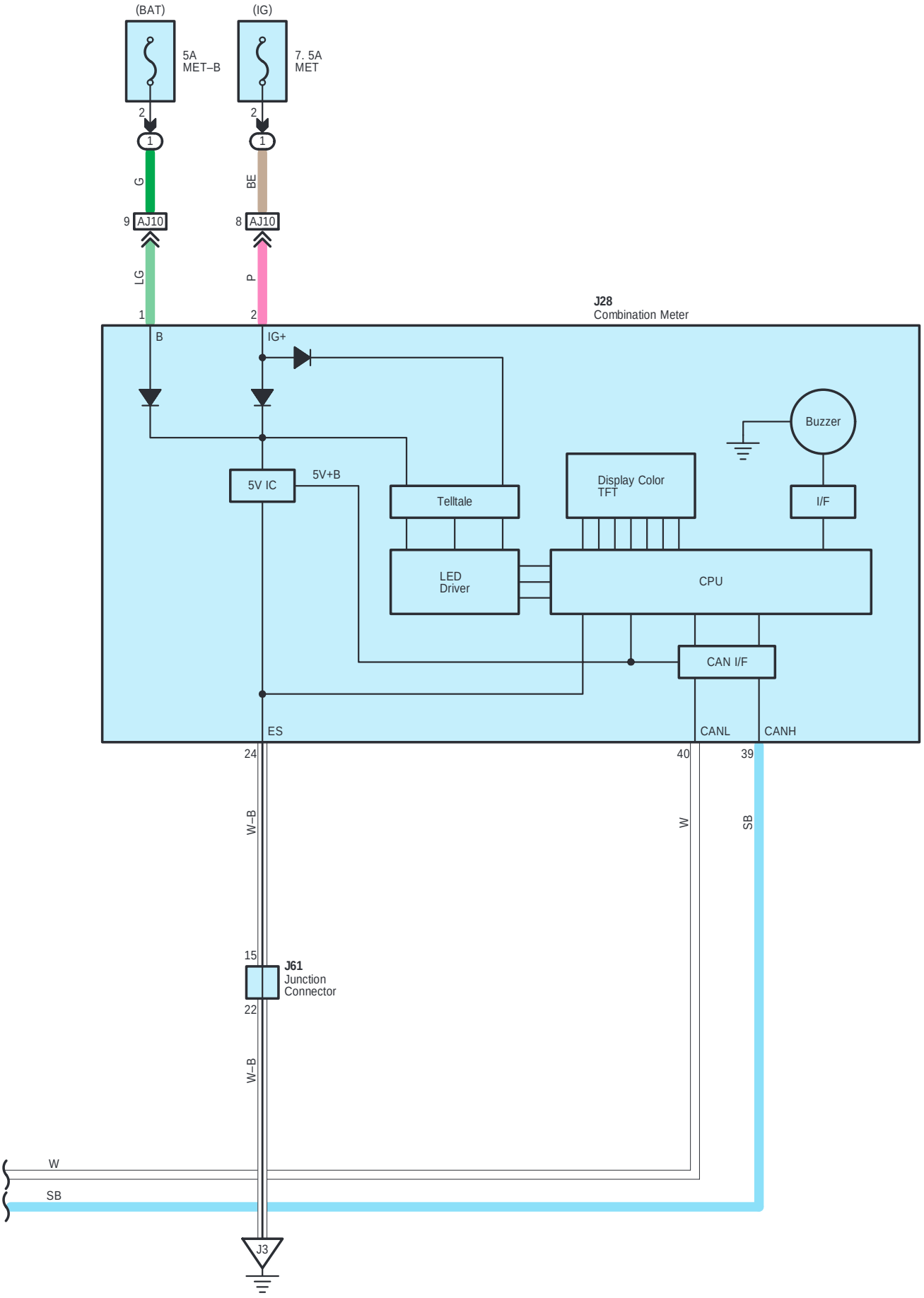

(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
20 B
J70(A), J71(B)
Junction
Connector
R
3
BAT
ESS
2
W–B
17
22
J61
Junction
Connector
W–B
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
17 DB
P
W
18
19
A49
Junction
Connector
V
8
IG1
P
1
IG
CANH
12
B
7 AJ9
CANL
13
W
8 AJ9
CANL
9
W
17
CANH
10
G
6
J6
Steering Angle Sensor
(BAT)
50A ABS1
2
1
L
1
+BM
(BAT)
40A ABS2
2
1
R
32
+BS
A17
Skid Control ECU with Actuator
J17
DLC3
CANH
6
V
CANL
14
W
SIL
7
BR
TS
12
G
J75
Junction
Connector
4
SB
15
W
1
R
12
W
G
BR
W
R
W
SB


A18
Active Brake Booster
STS
PSNO
PSNC
BST
BSTP
5
1
2
3
4
SB
LG
L
B
V
21
24
23
31
17
A19
Pedal Stroke Speed Sensor
E3
PIM
VCP
3
5
1
BE
R
G
27
30
26
A17
Skid Control ECU with Actuator
TS
D/G
CSW
GND1
PKB2
7
10
4
16
14
W
R
P
W-B
LG
4 AJ10
15 AJ9
17 AJ10
14 DB
11 DB
G
R
BR
BE
6 A
7 A
J72(A)
Junction
Connector
A24(A)
Engine Control Module
CANL
CANH
11 A
10 A
9 AJ5
10 AJ5
W
GR
14
3
15
4
J74
Junction
Connector
9
6
7 DE
21 DB
J22
VSC OFF Switch
1
A5
Parking Brake
Switch
B
A1
A2
G
BR
W
R
W
SB
W
SB

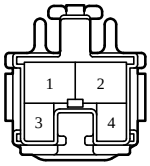

A17
Skid Control ECU with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
9 RA5
10 RA5
7 RA5
8 RA5
L
R
B
W
2 Ab1
1 Ab1
2 Ab2
1 Ab2
2 Rb1
1 Rb1
4 Rb1
3 Rb1
W
B
W
B
W
B
W
B
2
2
2
2
b2
Front Speed Sensor LH
b1
Front Speed Sensor RH
b4
Rear Speed Sensor LH
b3
Rear Speed Sensor RH
1
1
1
1
W
W
SB
SB


GR
(4WD)
GR
(4WD)
11
EXI2
A17
Skid Control ECU with Actuator
GYAW
SS2
SS1
VYS
STP
BSW
STPO
STP2
29
19
18
22
38
44
15
6
P
W
B
R
B
L
BR
GR
10 PA1
3 PA1
4 PA1
9 PA1
G
W
B
R
5 A 1 A 2 A 3 A (2WD)
5 B 1 B 2 B 3 B (4WD)
GYAW
YAW2
YAW1
VYS
P15(A), P16(B)
Yaw Rate Sensor
GR
BR
L
B
W
W
SB
SB


(BAT)
15A
STOP
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
G
W
GR
(4WD)
GR
(4WD)
7 DA4
G
(4WD)
1 DG1
G
(4WD)
3
ADD
GND
G1
ADD Actuator
4
W–B
(4WD)
6 DG1
W–B
(4WD)
18 A
ADD
A25(A)
4WD Control ECU
L
2
1
A4
Stop Light
Switch
BE
9
10
GR
L
5
4
1
3
2
BRK NO. 1 Relay
R
BR
W
LG
7
A50
Junction
Connector
L
1
4
2
3
BRK NO. 2 Relay
L
Y
10
11
A51
Junction
Connector
B
GR
BR
L
B
B
(4WD)
W
SB
W
SB
D3


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

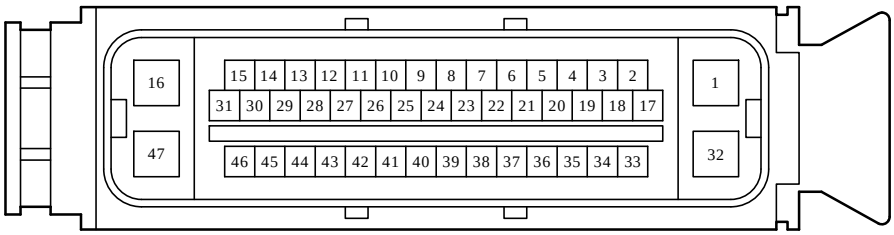
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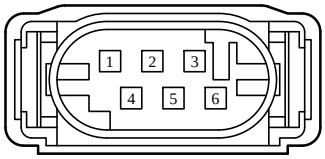
A 5
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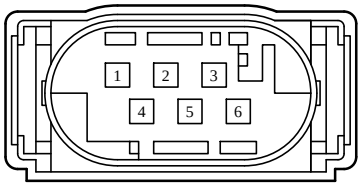
A 17
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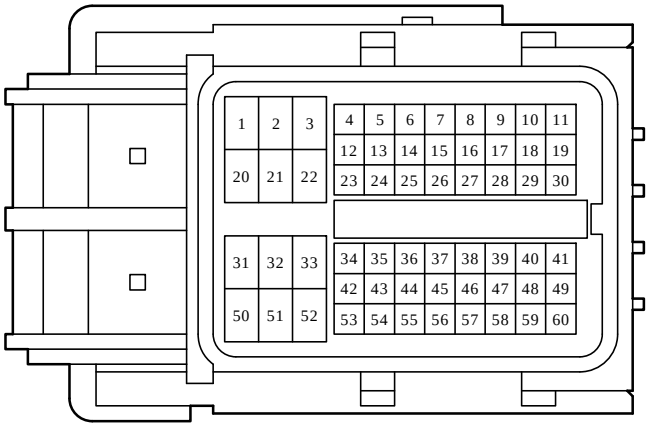
A 18
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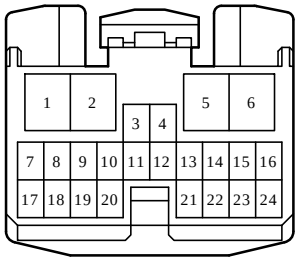
A 19
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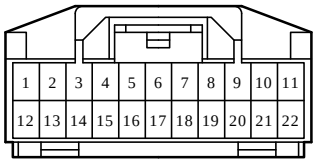
A 24
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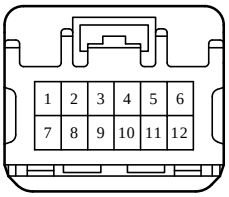
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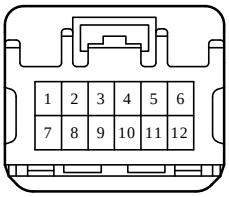
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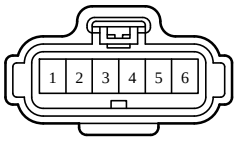
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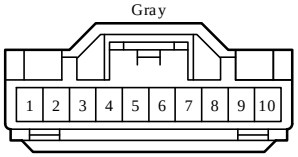
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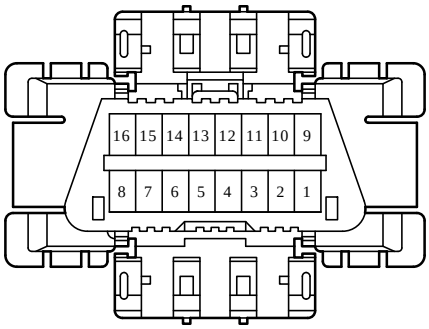
G 1
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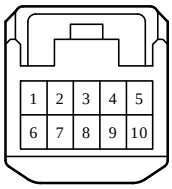
J 6
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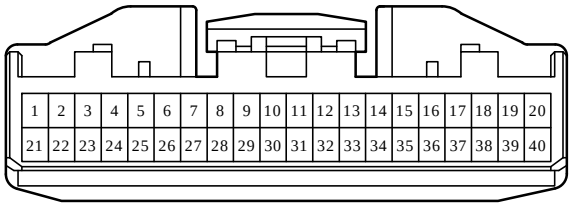
J 17
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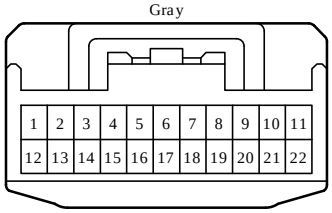
J 22
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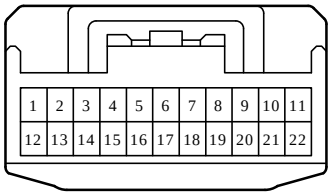
J 28
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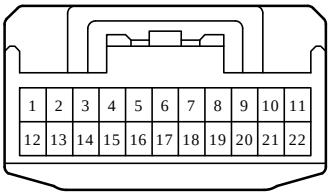
J 61
Gray



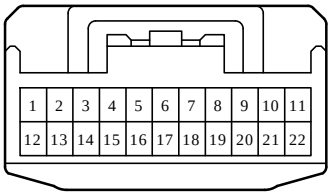
J 70
Blue



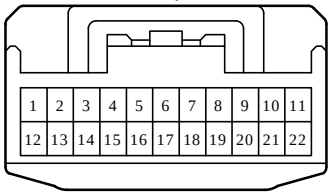
J 71
White



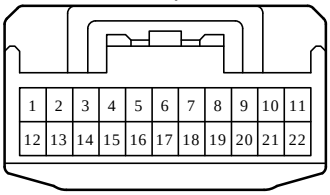
J 72
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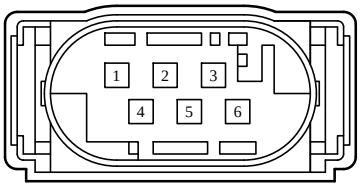
J 74
Gray



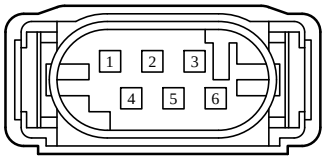
J 75
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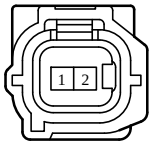
P 15
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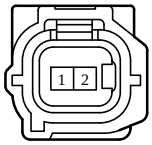
P 16
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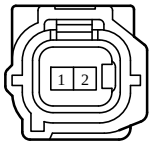
b 1
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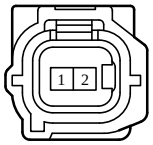
b 2
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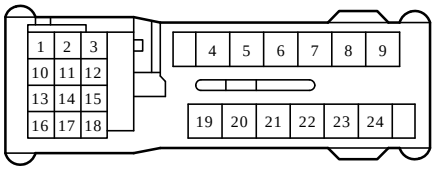
b 3
Black



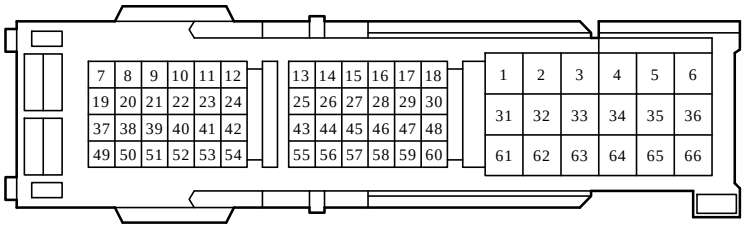
b 4
Black



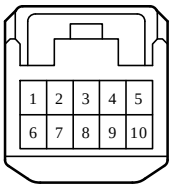
DB
White



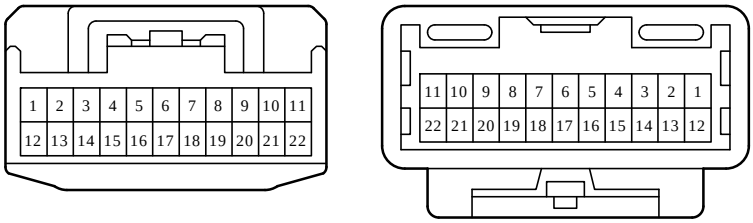
DD
White



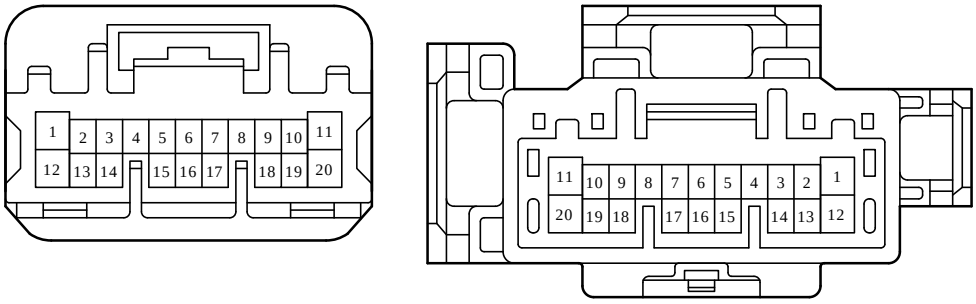
DE
White



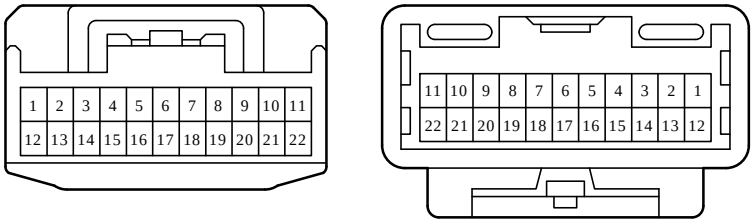
AJ5
Gray



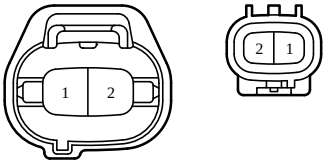
AJ9
White



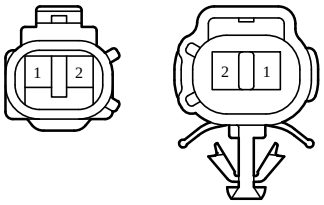
AJ10
Gray



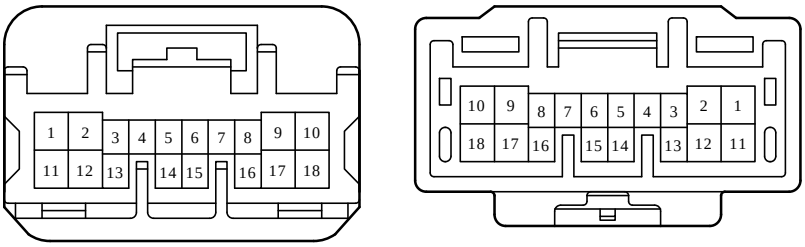
Ab1
Gray

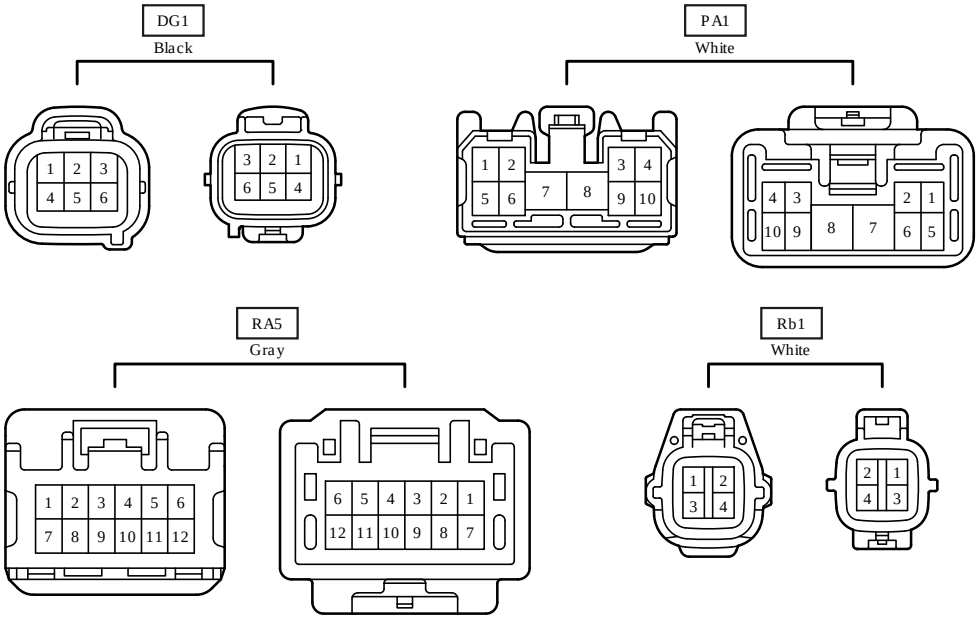


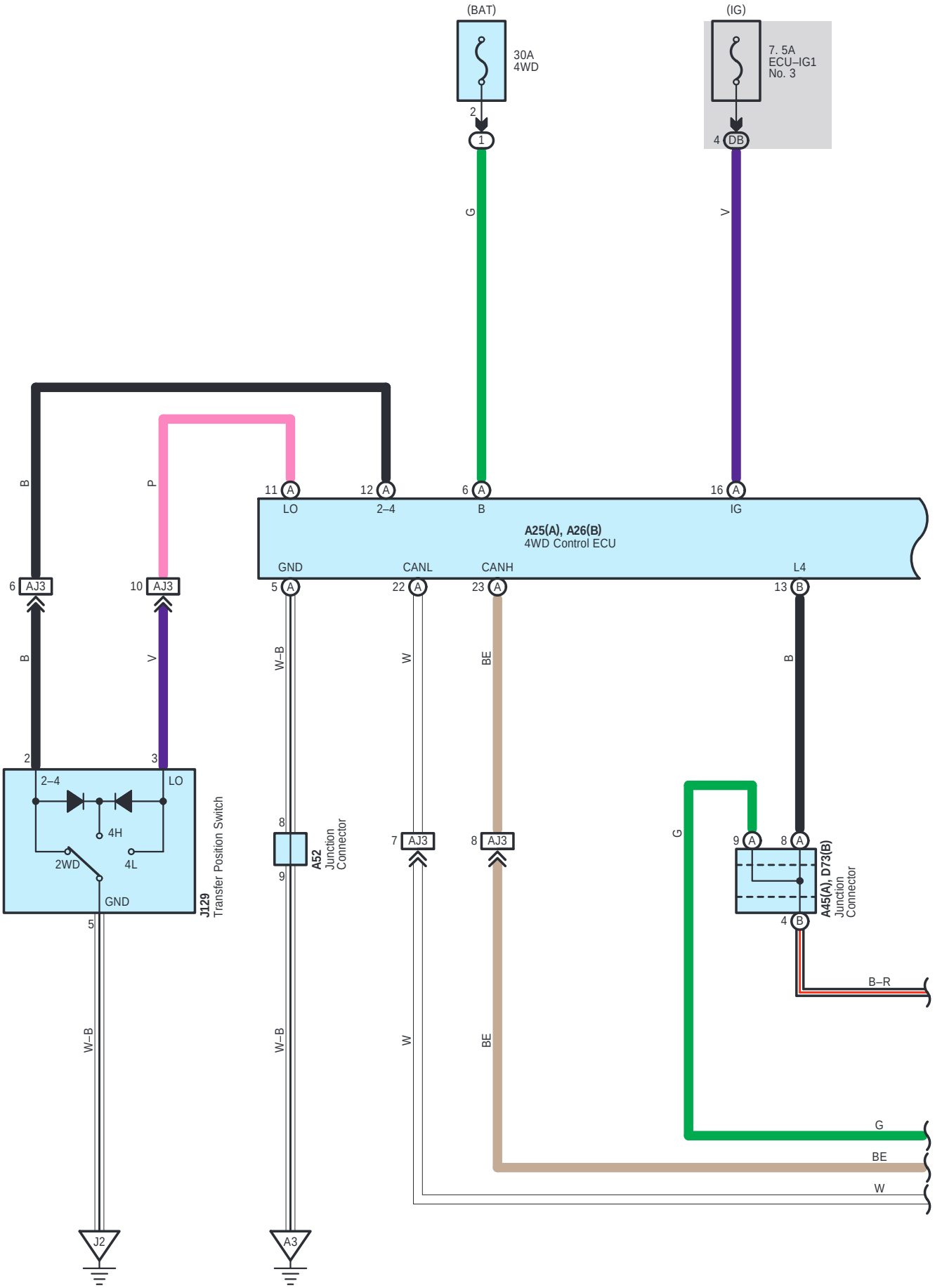
Ab2
Gray

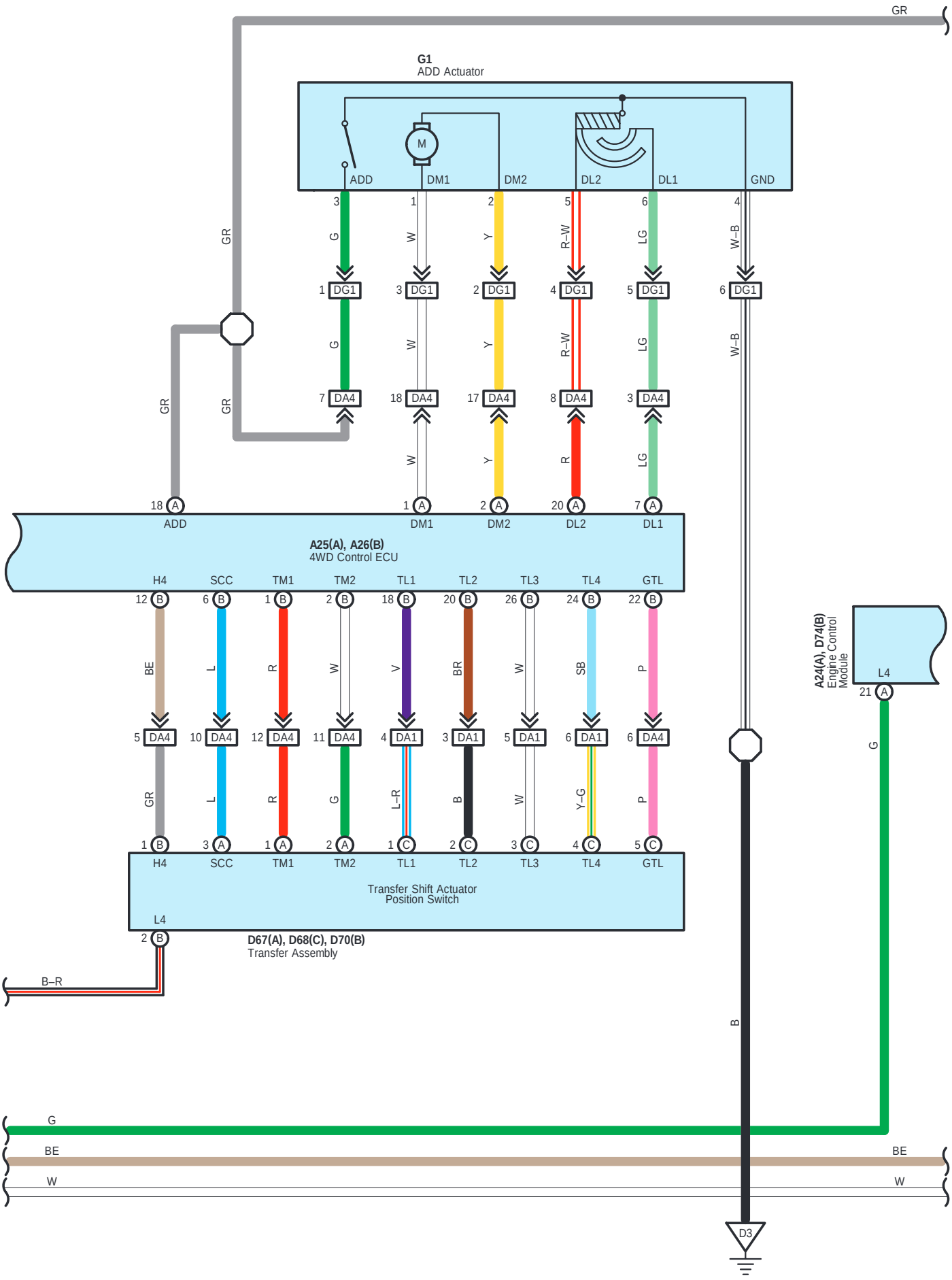


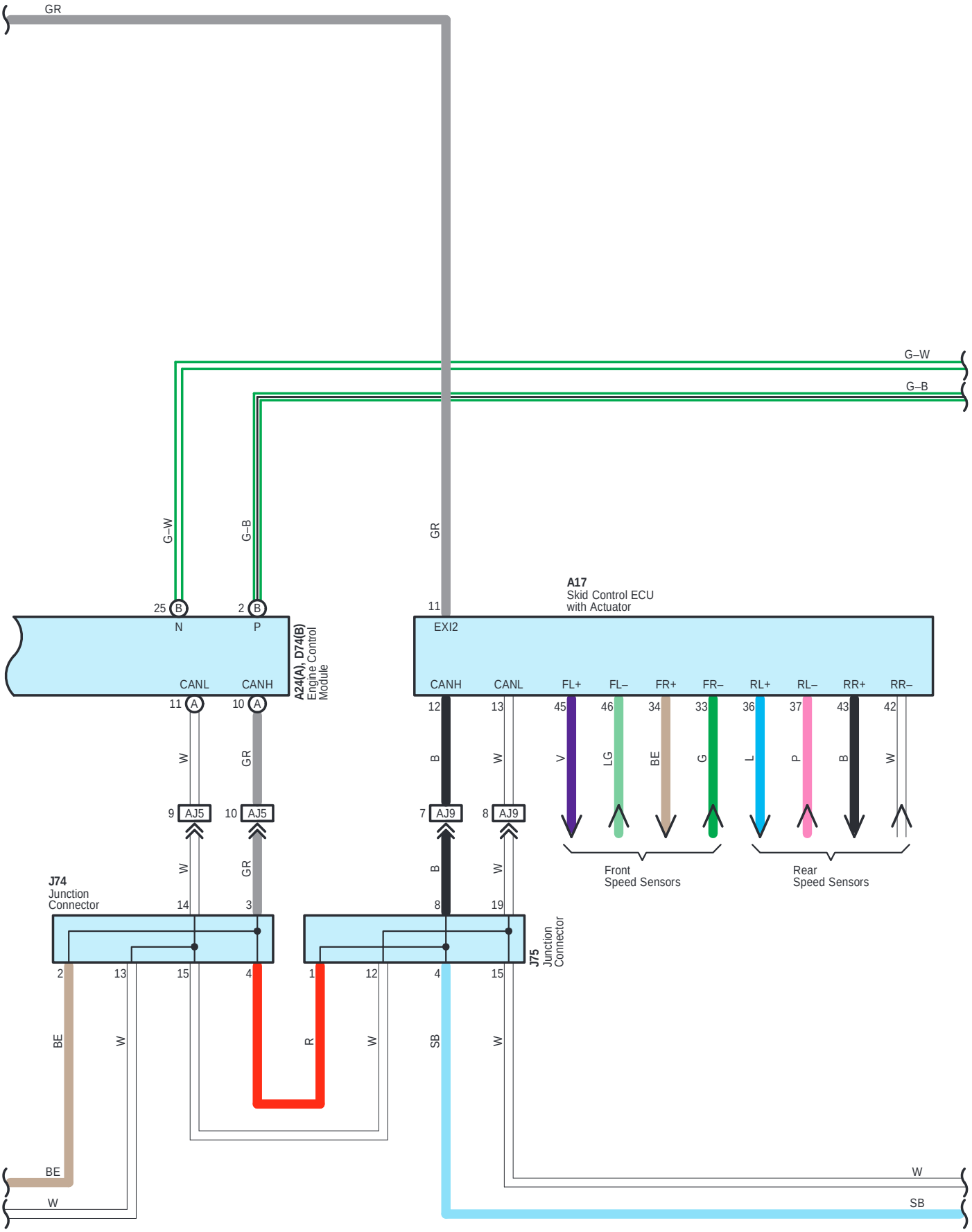
DA4
Gray

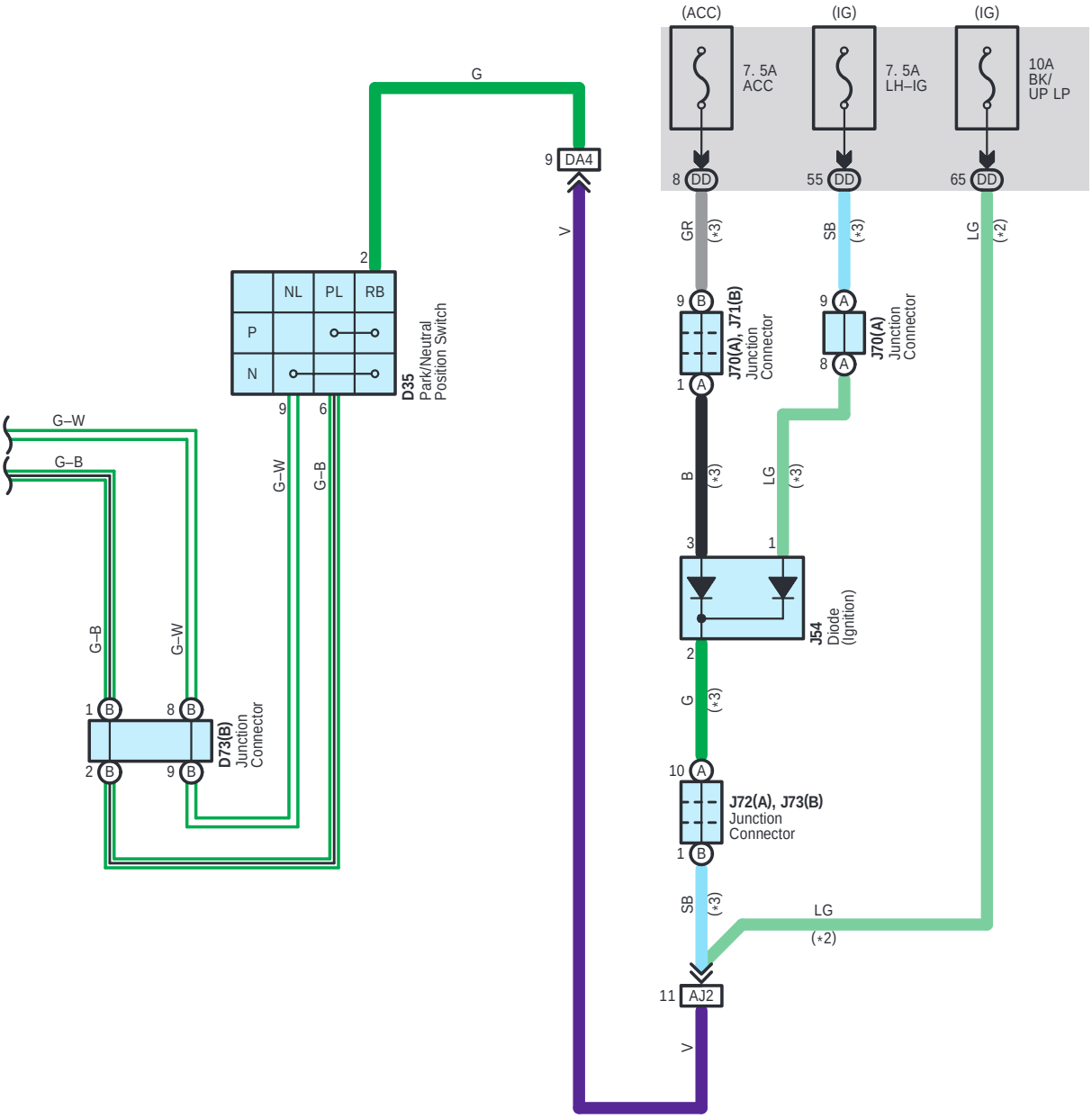



DG1
Black
1 2 3
4 5 6
3 2 1
6 5 4
PA1
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5
RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
Rb1
White
1 2
3 4
2 1
4 3


(BAT)
30A
4WD
2
1
(IG)
7. 5A
ECU–IG1
No. 3
4 DB
G
V
B
P
11 A
LO
12 A
2–4
6 A
B
16 A
IG
A25(A), A26(B)
4WD Control ECU
GND
CANL
CANH
L4
5 A
22 A
23 A
13 B
6 AJ3
10 AJ3
B
V
2
3
2–4
LO
4H
2WD
4L
GND
J129
Transfer Position Switch
5
W–B
J2
8
9
A52
Junction
Connector
W–B
A3
7 AJ3
8 AJ3
W
BE
B
G
9 A
8 A
4 B
A45(A), D73(B)
Junction
Connector
B–R
G
BE
W

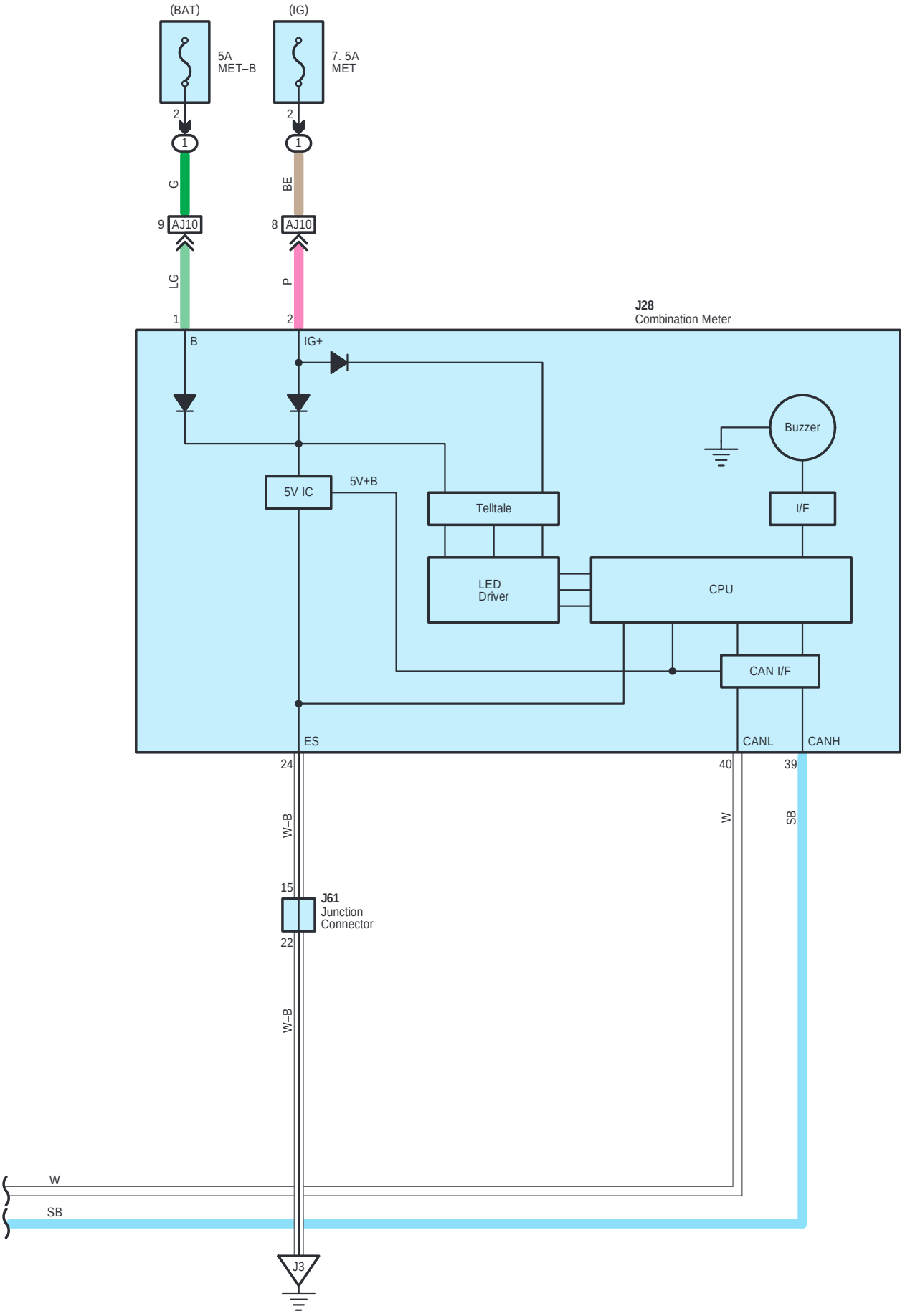

GR
G1
ADD Actuator
M
ADD
DM1
DM2
DL2
DL1
GND
3
1
2
5
6
4
G
W
Y
R–W
LG
W–B
1 DG1
3 DG1
2 DG1
4 DG1
5 DG1
6 DG1
7 DA4
18 DA4
17 DA4
8 DA4
3 DA4
R
18 A
1 A
2 A
20 A
7 A
ADD
DM1
DM2
DL2
DL1
A25(A), A26(B)
4WD Control ECU
H4
SCC
TM1
TM2
TL1
TL2
TL3
TL4
GTL
12 B
6 B
1 B
2 B
18 B
20 B
26 B
24 B
22 B
BE
L
R
W
V
BR
W
SB
P
5 DA4
10 DA4
12 DA4
11 DA4
4 DA1
3 DA1
5 DA1
6 DA1
6 DA4
GR
L
R
G
L–R
B
W
Y–G
P
1 B
3 A
1 A
2 A
1 C
2 C
3 C
4 C
5 C
H4
SCC
TM1
TM2
TL1
TL2
TL3
TL4
GTL
Transfer Shift Actuator
Position Switch
L4
2 B
D67(A), D68(C), D70(B)
Transfer Assembly
B–R
A24(A), D74(B)
Engine Control
Module
L4
21 A
G
B
D3
G
BE
W
BE
W


GR
G–W
G–B
GR
25 B
N
2 B
P
A24(A), D74(B)
Engine Control
Module
CANL
CANH
11 A
10 A
W
GR
9 AJ5
10 AJ5
W
GR
14
3
J74
Junction
Connector
2
13
15
4
BE
W
BE
W
A17
Skid Control ECU
with Actuator
11
EXI2
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
12
13
45
46
34
33
36
37
43
42
B
W
V
LG
BE
G
L
P
B
W
7 AJ9
8 AJ9
B
W
8
19
J75
Junction
Connector
1
12
4
15
R
W
SB
W
Front
Speed Sensors
Rear
Speed Sensors
W
SB

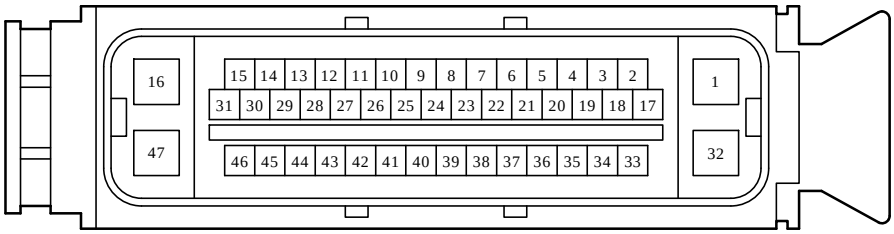


* 2 : Floor Shift
* 3 : Column Shift

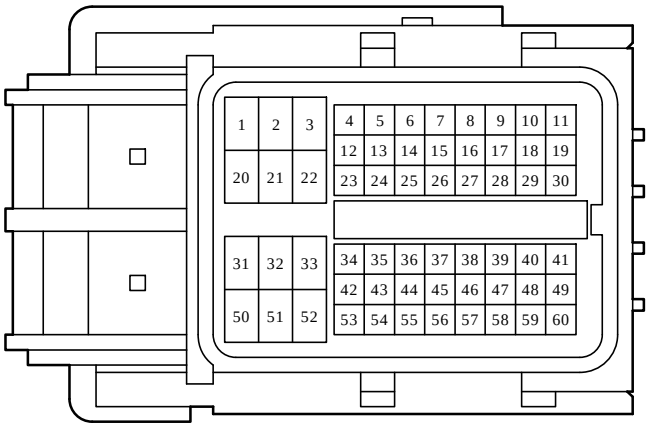



(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
Buzzer
5V IC
5V+B
Telltale
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

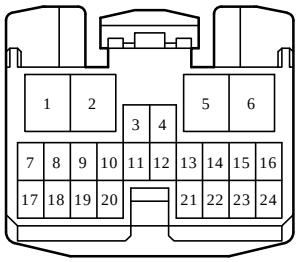
A 17
Black



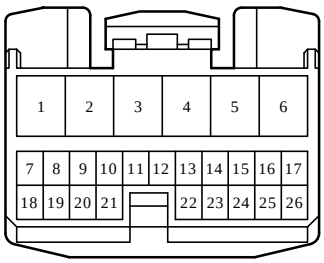
A 24
Black



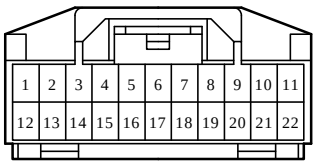
A 25
Black



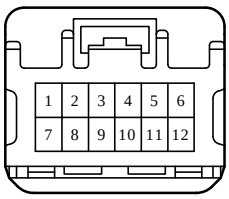
A 26
White



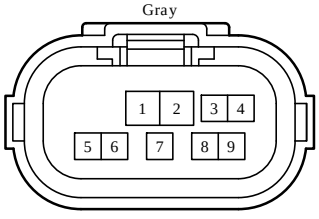
A 45
Blue



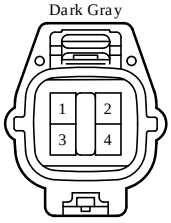
A 52
White



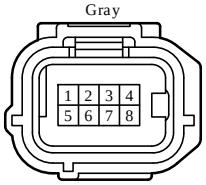
D 35
Gray



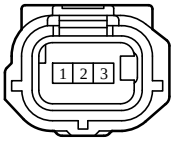
D 67
Dark Gray



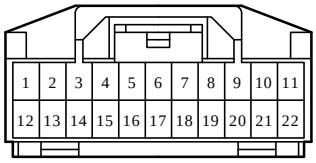
D 68
Gray



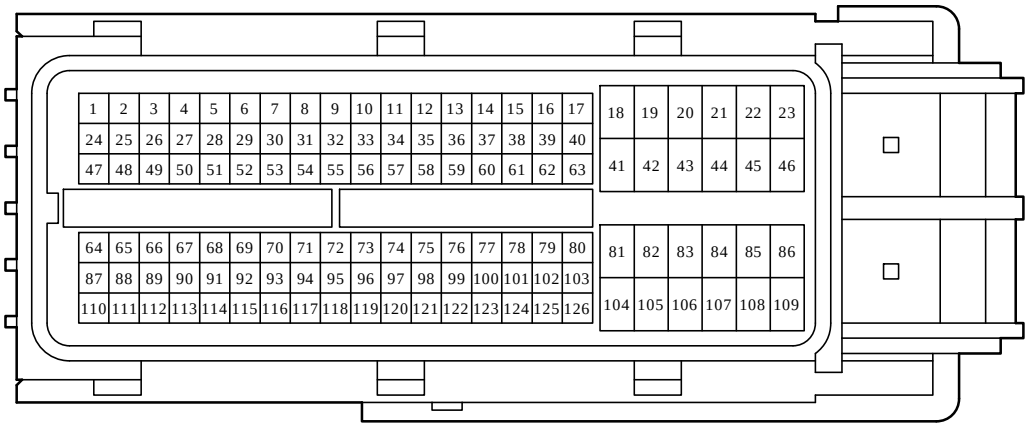
D 70
Black



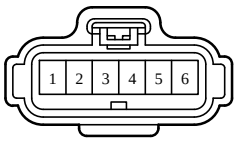
D 73
Blue



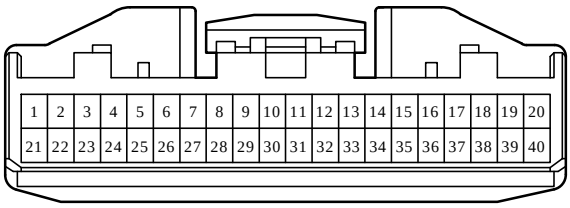
D 74
Black



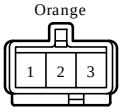
G 1
Black



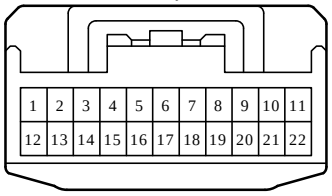
J 28
Black



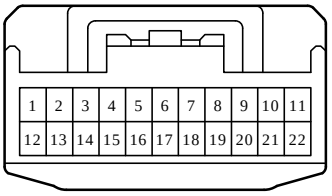
J 54
Orange



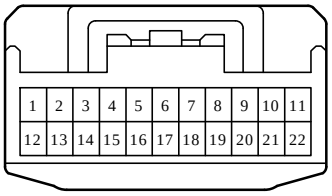
J 61
Gray



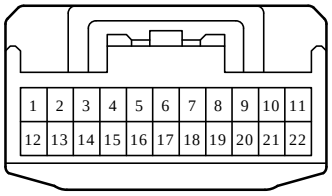
J 70
Blue



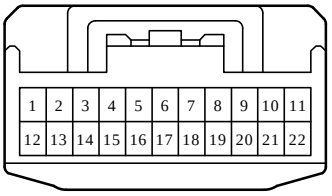
J 71
White



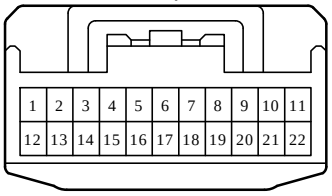
J 72
Black



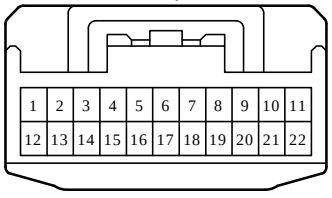
J 73
Black



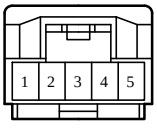
J 74
Gray



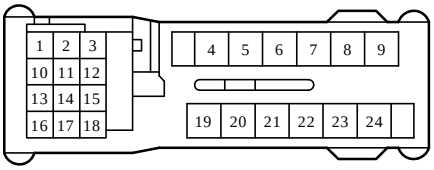
J 75
Gray



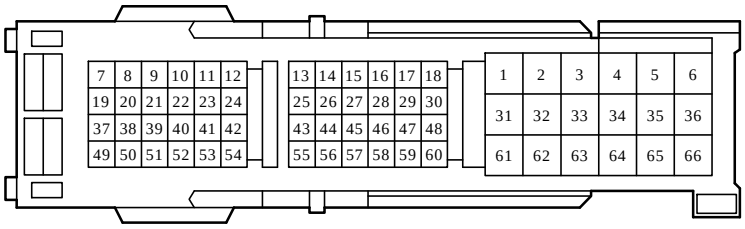
J129
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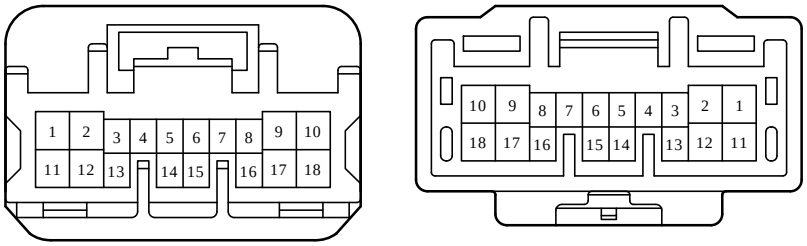
DB
White



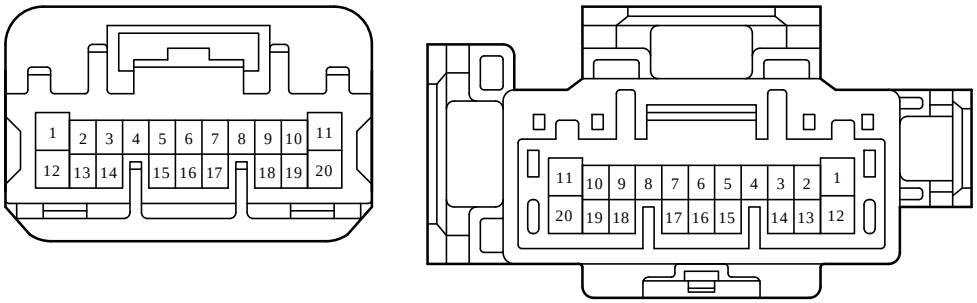
DD
White



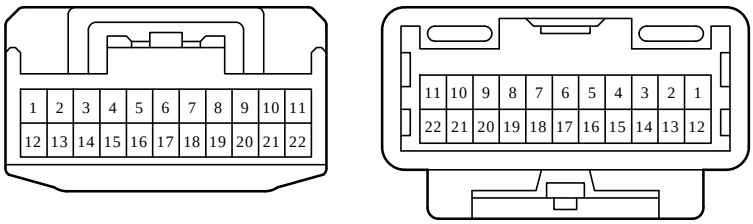
AJ2
Gray



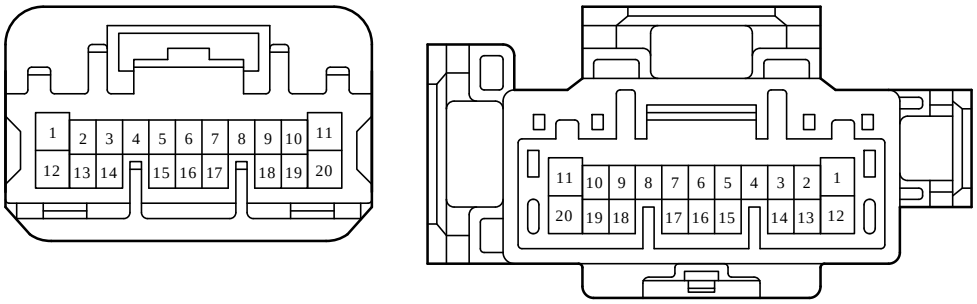
AJ3
White



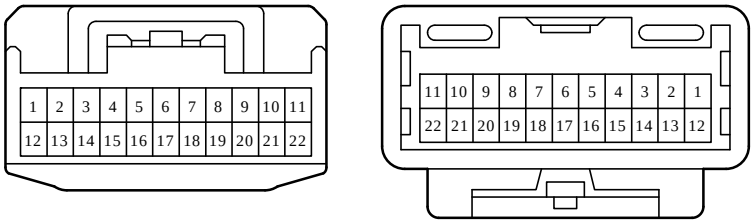
AJ5
Gray



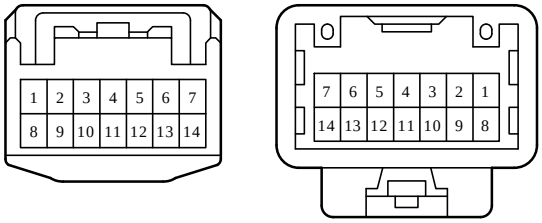
AJ9
White



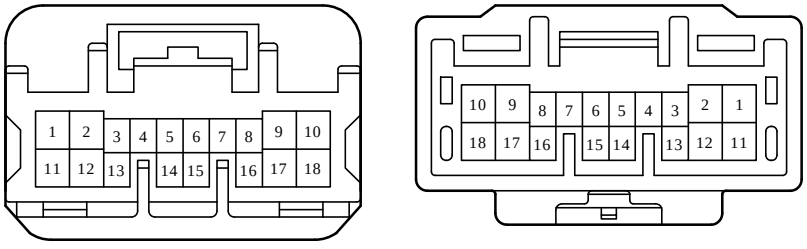
AJ10
Gray



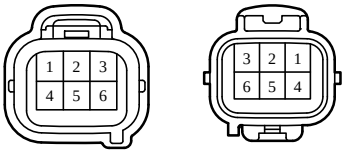
DA1
Black

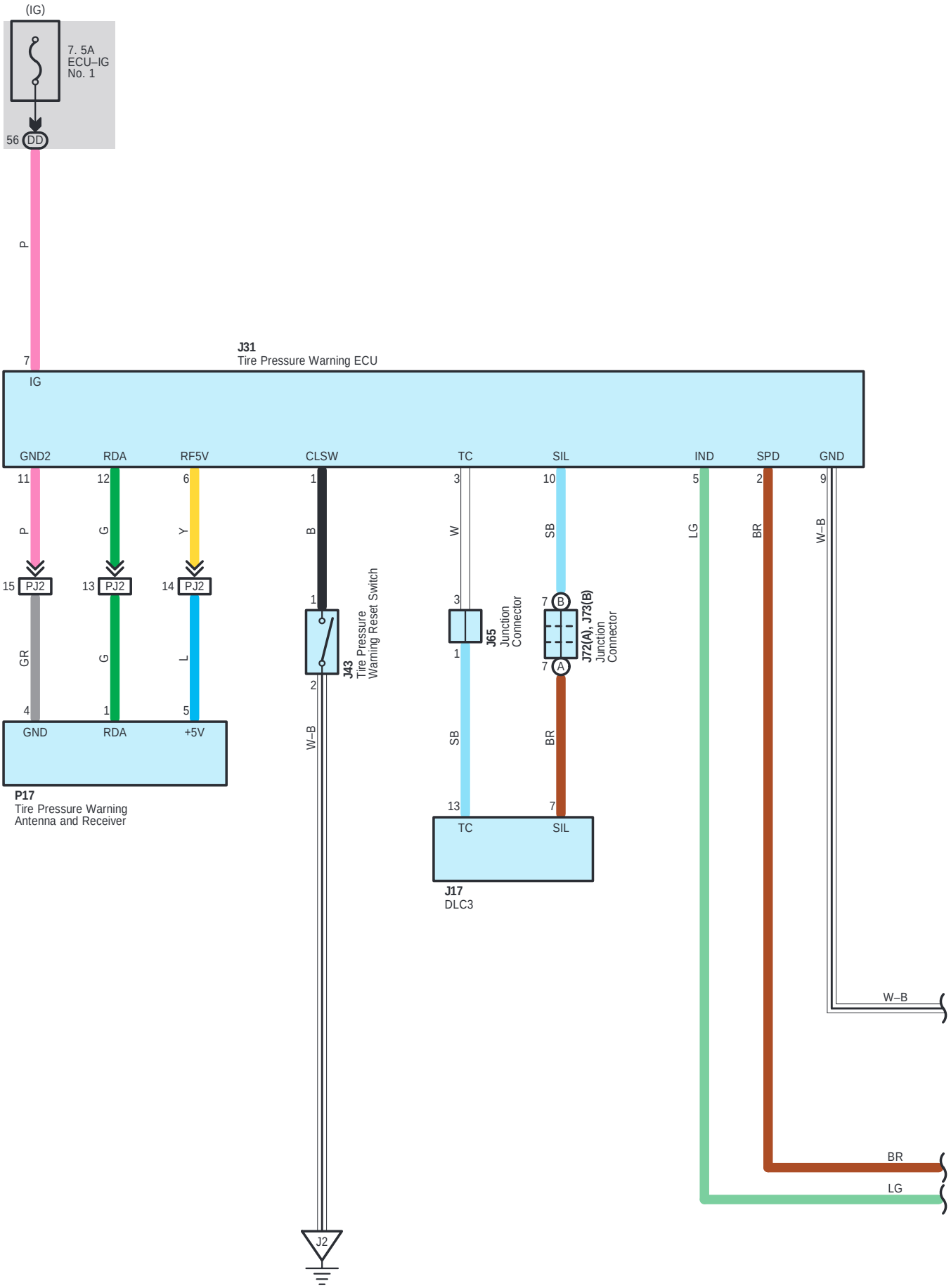


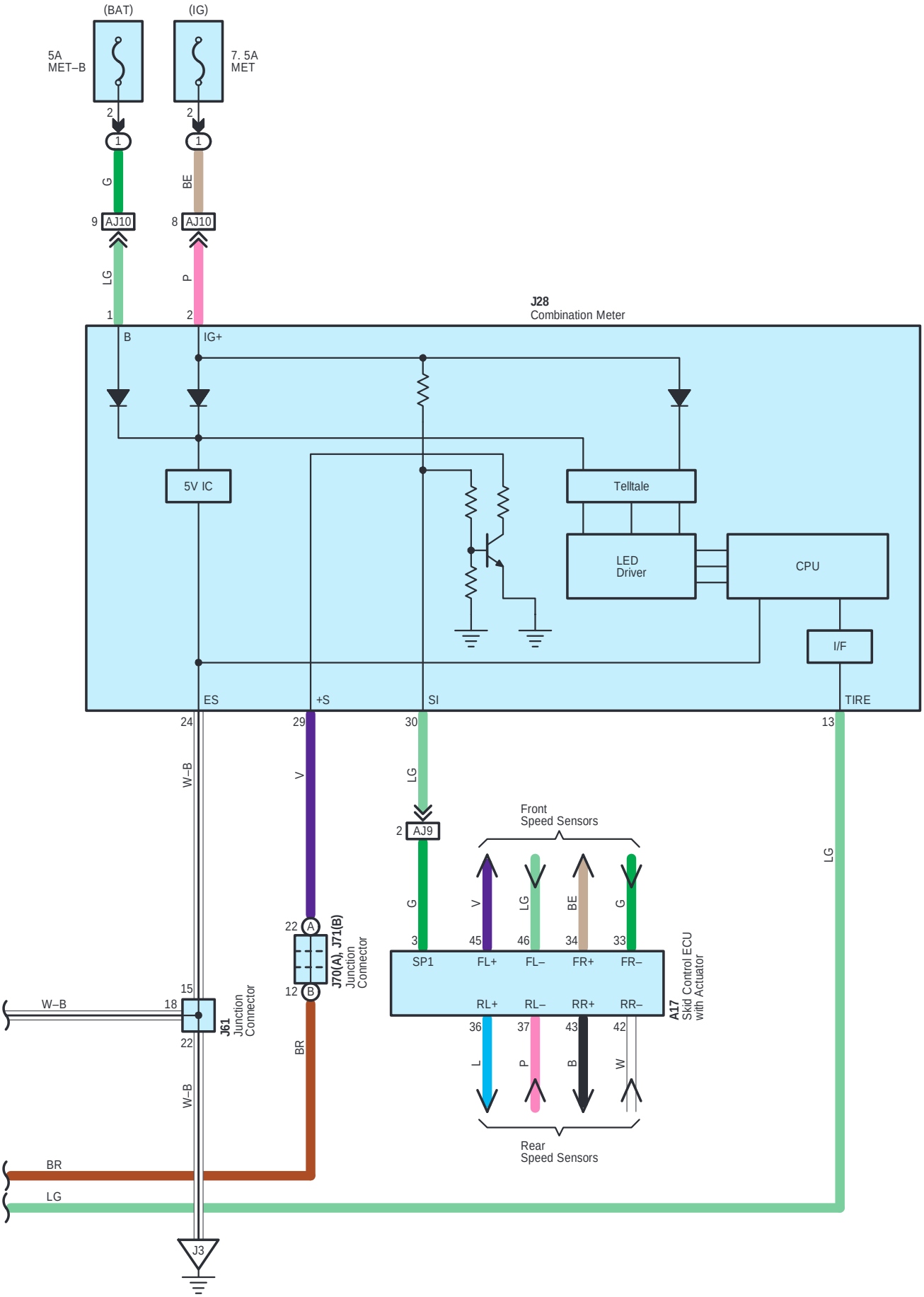
DA4
Gray



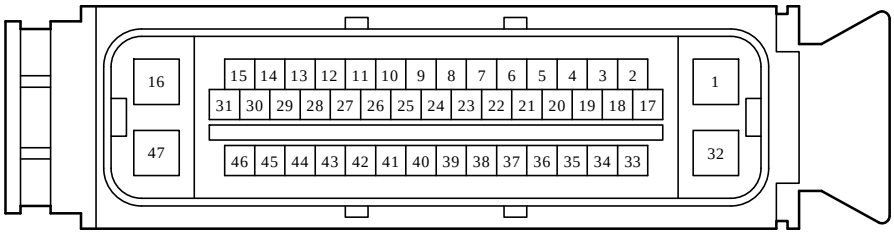
DG1
Black



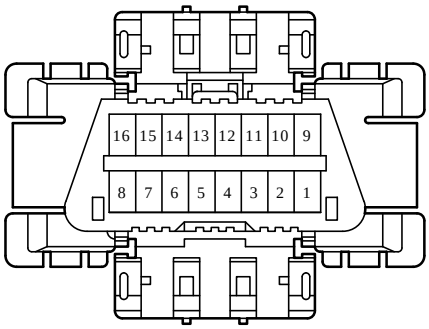

(IG)
7. 5A
ECU–IG
No. 1
56 DD
P
7
IG
J31
Tire Pressure Warning ECU
GND2
RDA
RF5V
CLSW
TC
SIL
IND
SPD
GND
11
12
6
1
3
10
5
2
9
P
G
Y
B
W
SB
LG
BR
W–B
15 PJ2
13 PJ2
14 PJ2
GR
G
L
1
3
7 B
7 A
J43
Tire Pressure
Warning Reset Switch
J65
Junction
Connector
J72(A), J73(B)
Junction
Connector
4
1
5
2
1
SB
BR
13
7
GND
RDA
+5V
TC
SIL
P17
Tire Pressure Warning
Antenna and Receiver
J17
DLC3
W–B
BR
LG
J2


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
Telltale
LED
Driver
CPU
I/F
ES
+S
SI
TIRE
24
29
30
13
W–B
V
LG
2
AJ9
Front
Speed Sensors
G
V
LG
BE
G
3
45
46
34
33
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
36
37
43
42
L
P
B
W
A17
Skid Control ECU
with Actuator
Rear
Speed Sensors
22
A
12
B
J70(A), J71(B)
Junction
Connector
15
18
22
J61
Junction
Connector
W–B
W–B
BR
BR
LG
J3

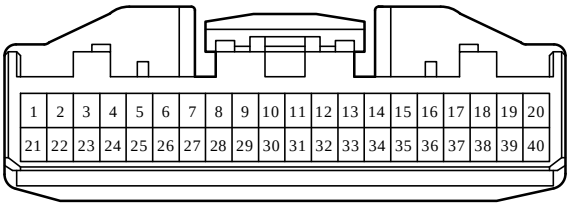
A 17
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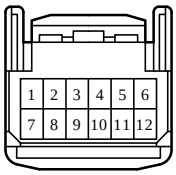
J 17
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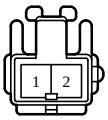
J 28
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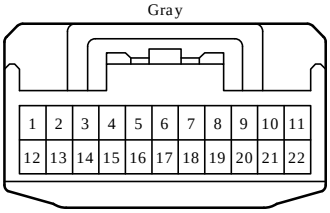
J 31
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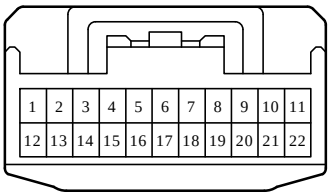
J 43
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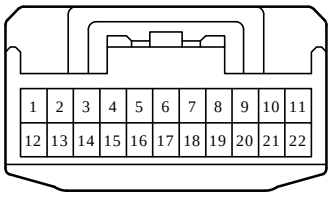
J 61
Gray



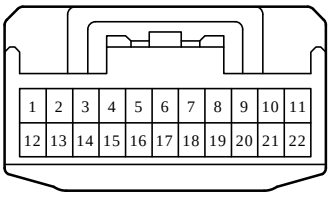
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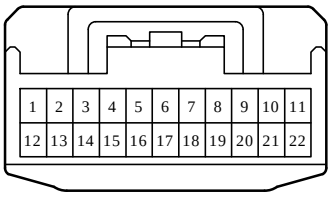
J 70
Blue



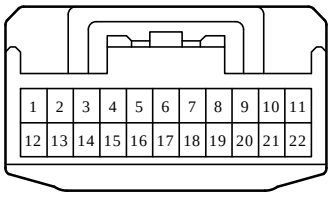
J 71
White



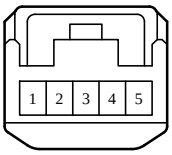
J 72
Black



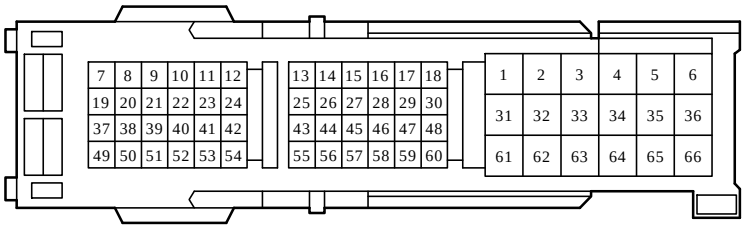
J 73
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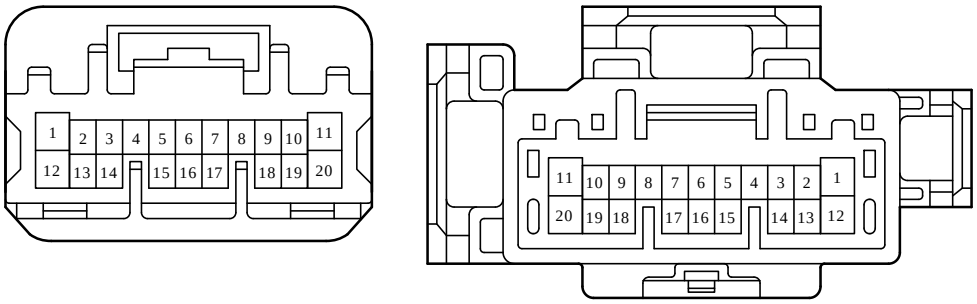
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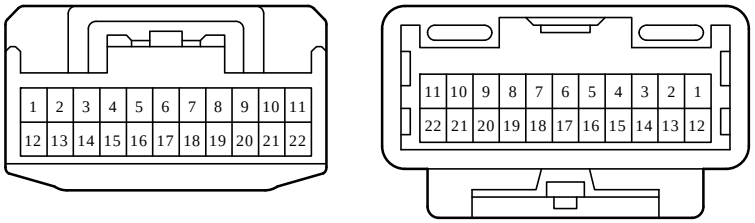
DD
White



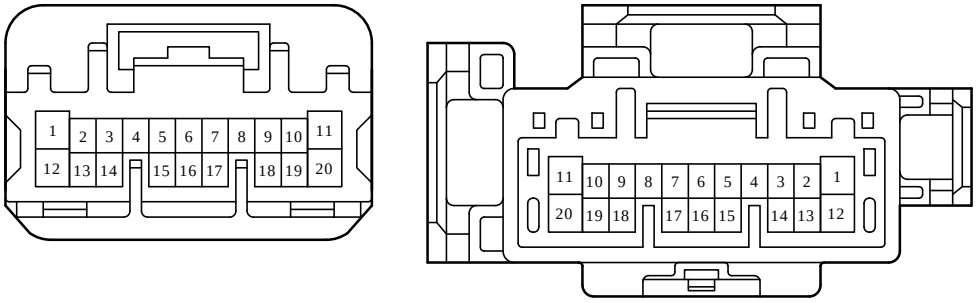
AJ9
White

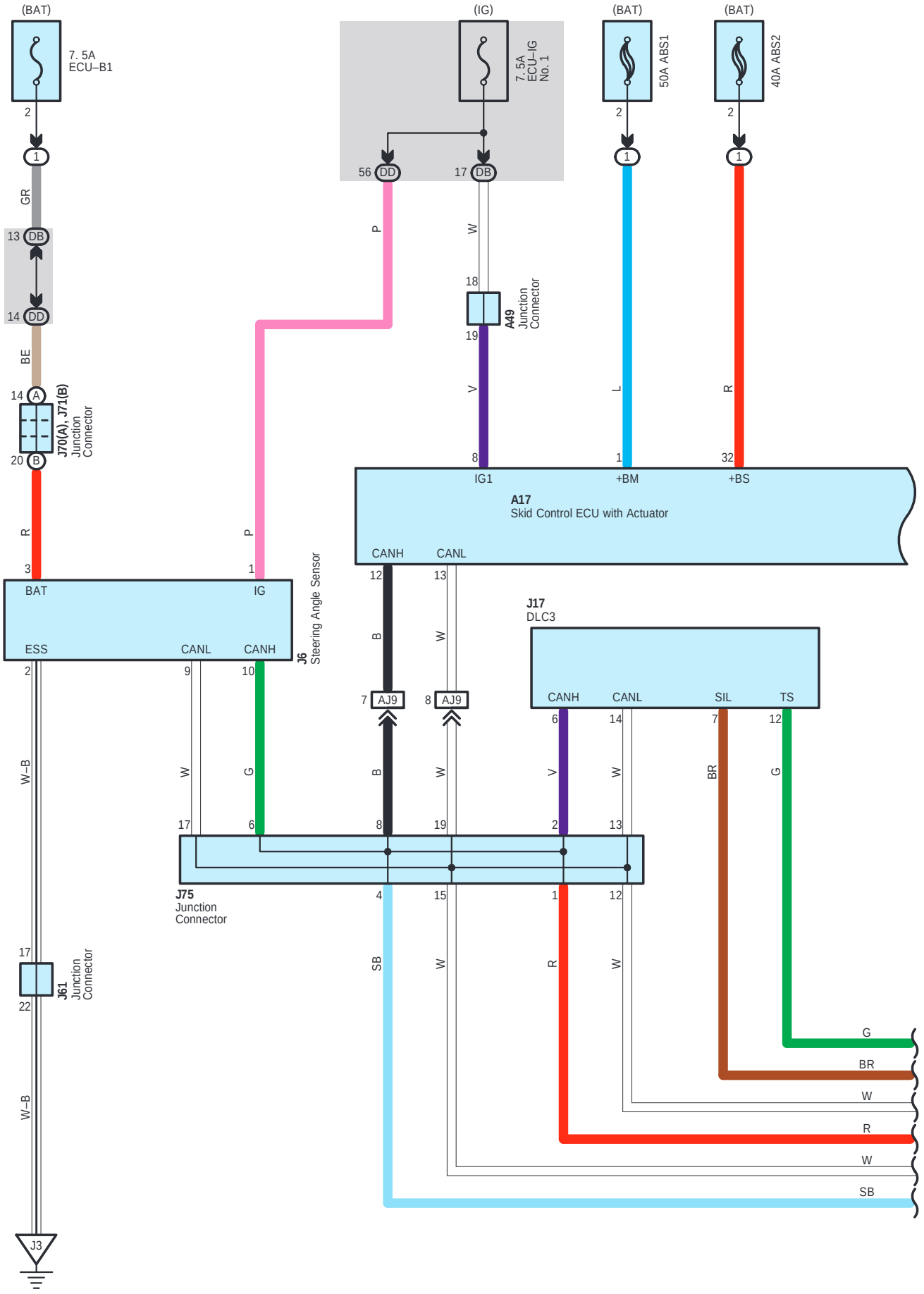


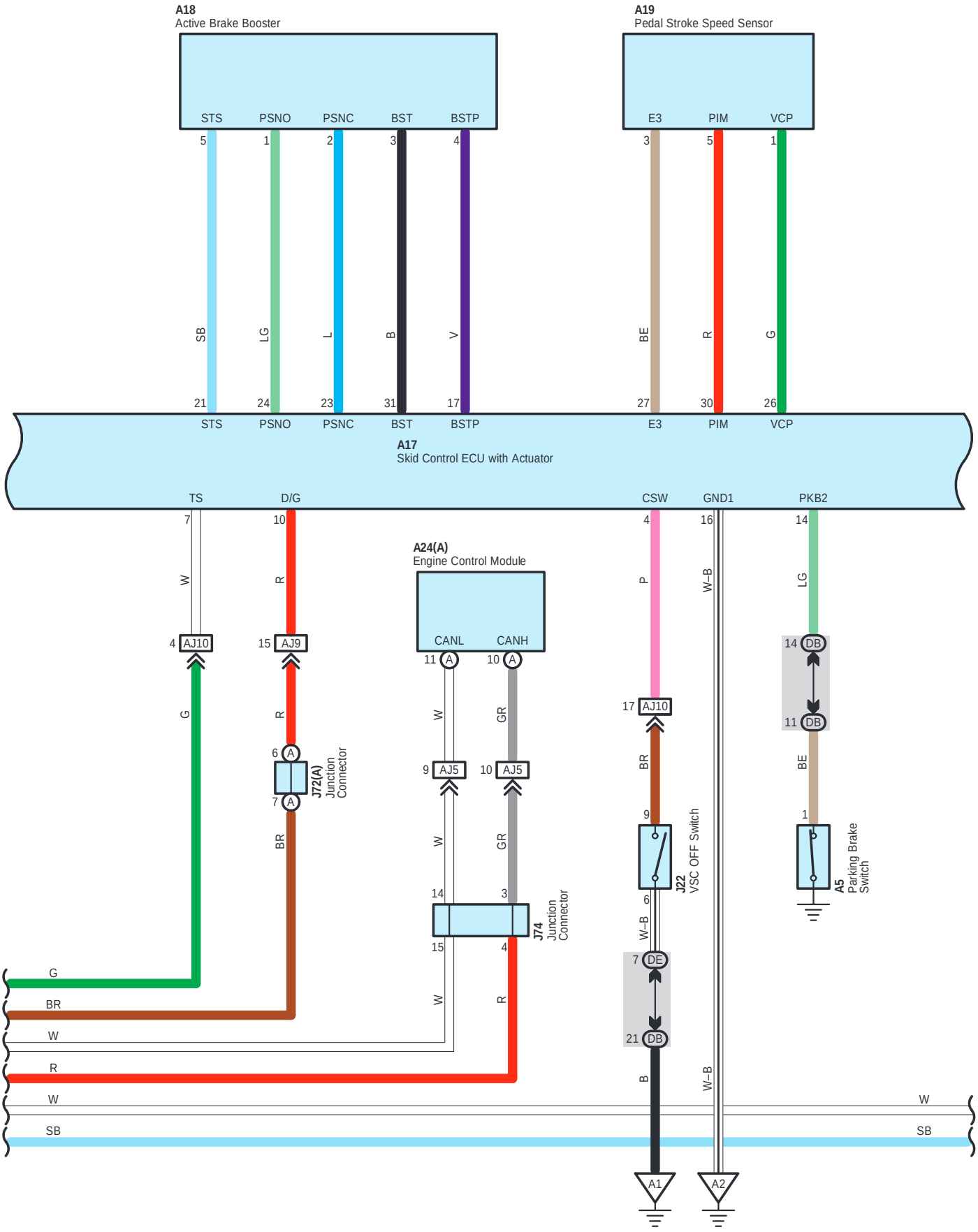
AJ10
Gray

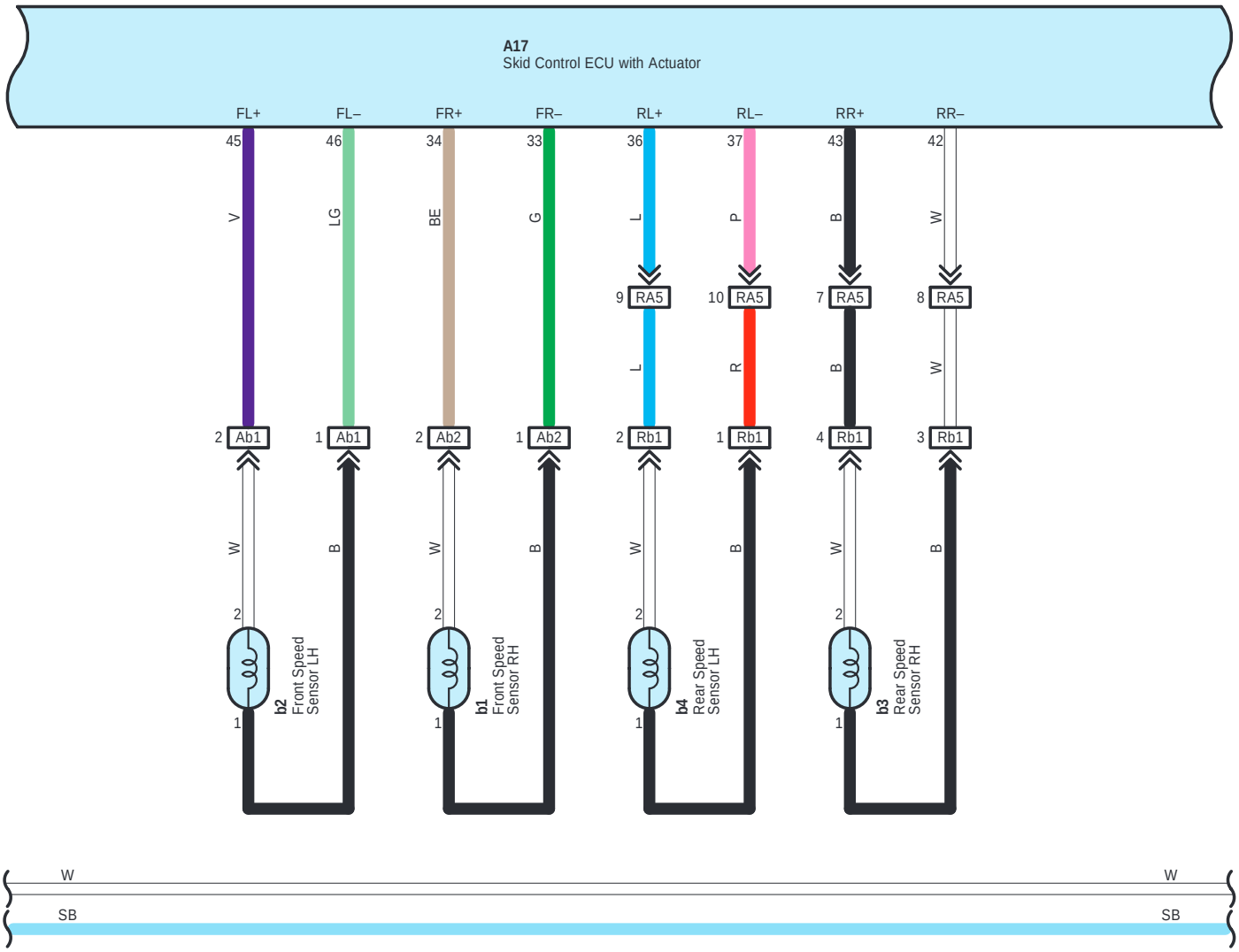


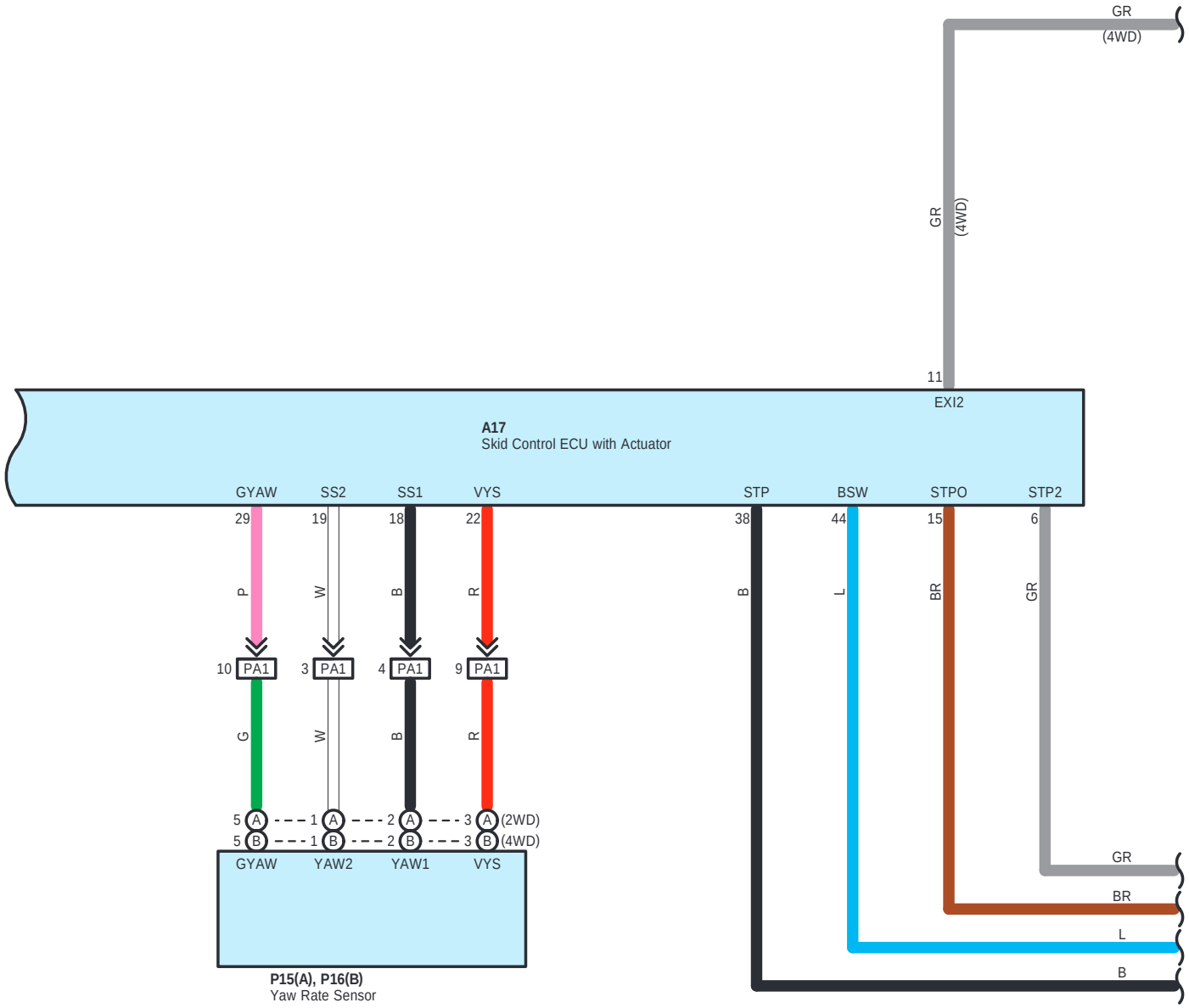
PJ2
White

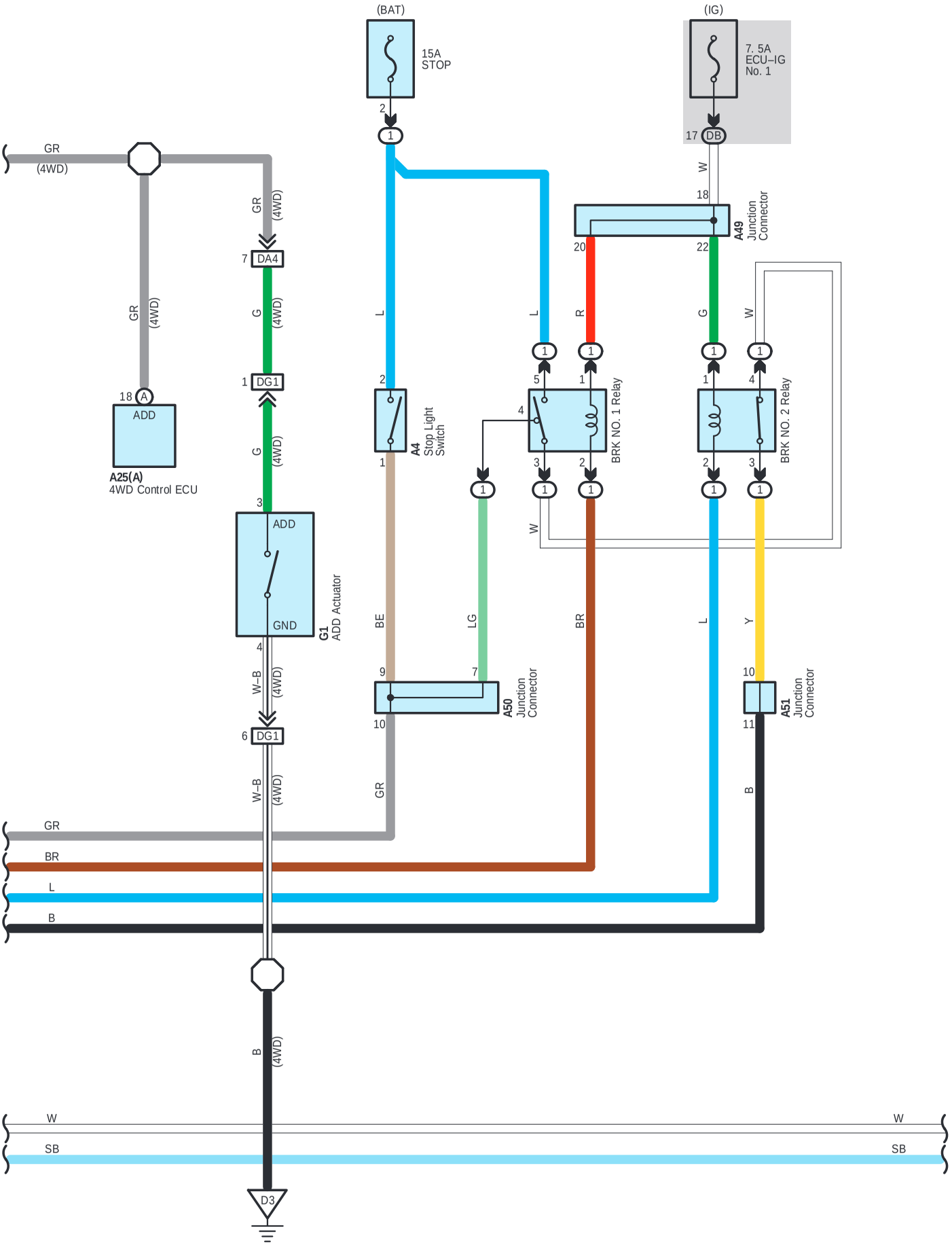


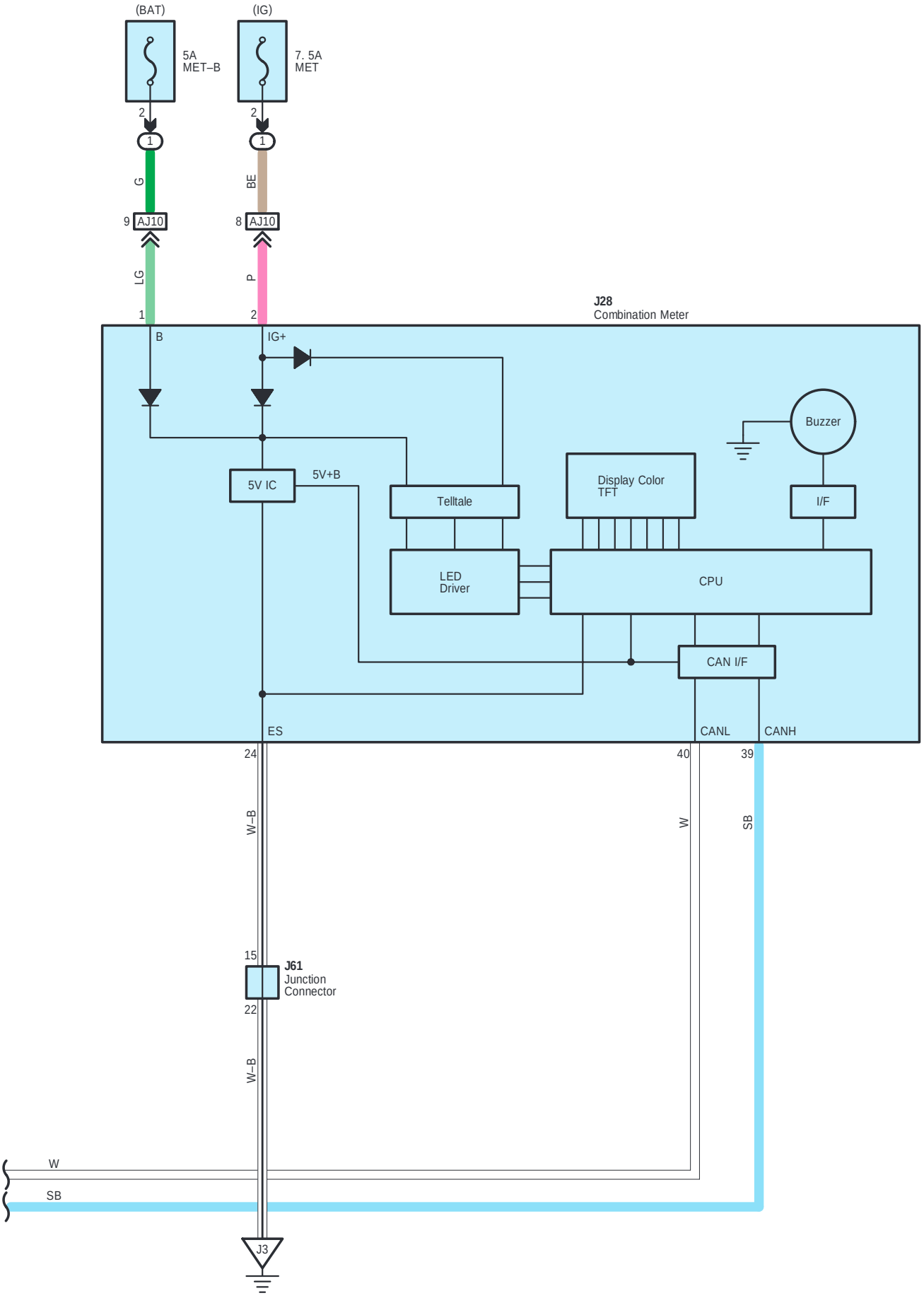

(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
20 B
J70(A), J71(B)
Junction
Connector
R
3
BAT
ESS
2
W–B
17
22
J61
Junction
Connector
W–B
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
17 DB
P
W
18
19
A49
Junction
Connector
V
8
IG1
P
1
IG
CANH
12
B
7 AJ9
CANL
13
W
8 AJ9
CANL
9
W
17
CANH
10
G
6
J6
Steering Angle Sensor
(BAT)
50A ABS1
2
1
L
1
+BM
(BAT)
40A ABS2
2
1
R
32
+BS
A17
Skid Control ECU with Actuator
J17
DLC3
CANH
6
V
CANL
14
W
SIL
7
BR
TS
12
G
J75
Junction
Connector
4
SB
15
W
1
R
12
W
G
BR
W
R
W
SB


A18
Active Brake Booster
STS
PSNO
PSNC
BST
BSTP
5
1
2
3
4
SB
LG
L
B
V
21
24
23
31
17
A19
Pedal Stroke Speed Sensor
E3
PIM
VCP
3
5
1
BE
R
G
27
30
26
A17
Skid Control ECU with Actuator
TS
D/G
CSW
GND1
PKB2
7
10
4
16
14
W
R
P
W-B
LG
4 AJ10
15 AJ9
17 AJ10
14 DB
11 DB
G
R
BR
BE
6 A
7 A
J72(A)
Junction
Connector
A24(A)
Engine Control Module
CANL
CANH
11 A
10 A
9 AJ5
10 AJ5
W
GR
14
3
15
4
J74
Junction
Connector
9
6
7 DE
21 DB
J22
VSC OFF Switch
1
A5
Parking Brake
Switch
B
A1
A2
G
BR
W
R
W
SB
W
SB

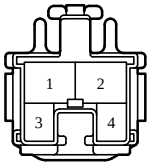

A17
Skid Control ECU with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
9 RA5
10 RA5
7 RA5
8 RA5
L
R
B
W
2 Ab1
1 Ab1
2 Ab2
1 Ab2
2 Rb1
1 Rb1
4 Rb1
3 Rb1
W
B
W
B
W
B
W
B
2
2
2
2
b2
Front Speed Sensor LH
b1
Front Speed Sensor RH
b4
Rear Speed Sensor LH
b3
Rear Speed Sensor RH
1
1
1
1
W
W
SB
SB


GR
(4WD)
GR
(4WD)
11
EXI2
A17
Skid Control ECU with Actuator
GYAW
SS2
SS1
VYS
STP
BSW
STPO
STP2
29
19
18
22
38
44
15
6
P
W
B
R
B
L
BR
GR
10 PA1
3 PA1
4 PA1
9 PA1
G
W
B
R
5 A 1 A 2 A 3 A (2WD)
5 B 1 B 2 B 3 B (4WD)
GYAW
YAW2
YAW1
VYS
P15(A), P16(B)
Yaw Rate Sensor
GR
BR
L
B
W
W
SB
SB


(BAT)
15A
STOP
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
G
W
GR
(4WD)
GR
(4WD)
7 DA4
G
(4WD)
1 DG1
G
(4WD)
3
ADD
GND
G1
ADD Actuator
4
W–B
(4WD)
6 DG1
W–B
(4WD)
18 A
ADD
A25(A)
4WD Control ECU
L
2
1
A4
Stop Light
Switch
BE
9
10
GR
L
5
4
1
3
2
BRK NO. 1 Relay
R
BR
W
LG
7
A50
Junction
Connector
L
1
4
2
3
BRK NO. 2 Relay
L
Y
10
11
A51
Junction
Connector
B
GR
BR
L
B
B
(4WD)
W
SB
W
SB
D3


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

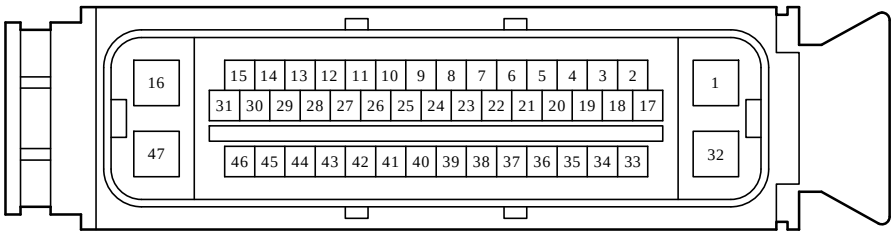
A 4
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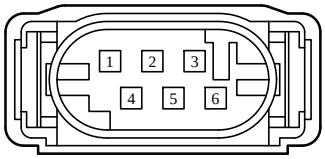
A 5
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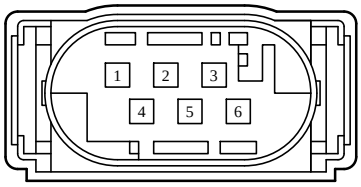
A 17
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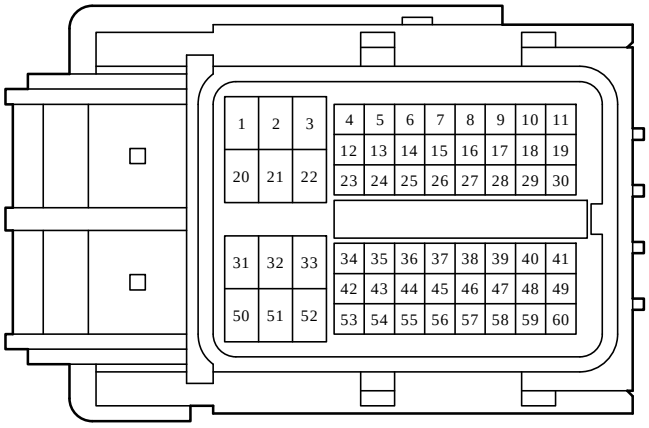
A 18
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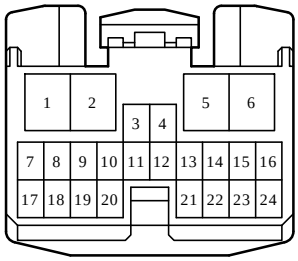
A 19
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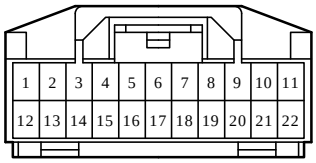
A 24
Black



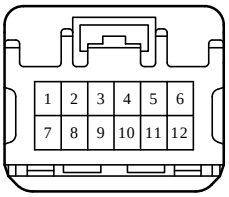
A 25
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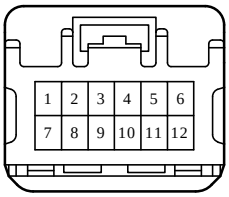
A 49
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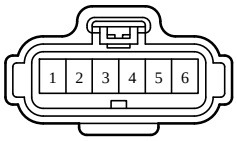
A 50
White



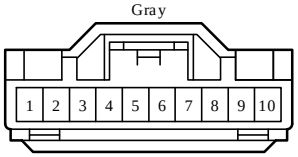
A 51
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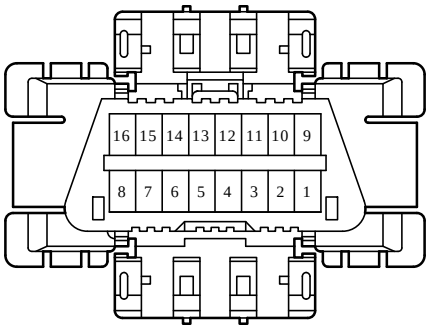
G 1
Black



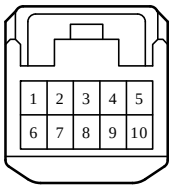
J 6
Gray



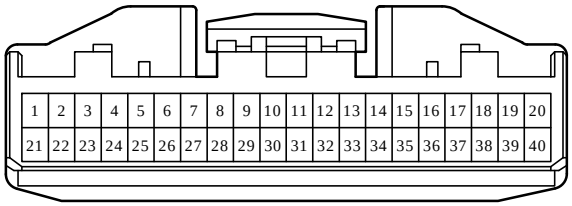
J 17
White



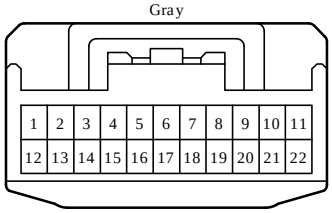
J 22
Black



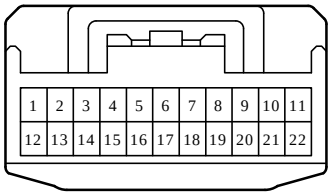
J 28
Black



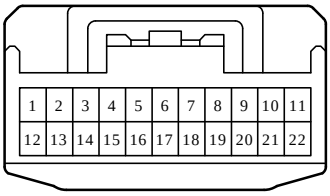
J 61
Gray



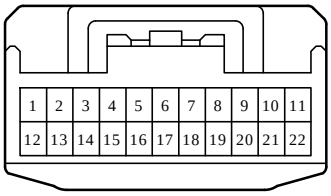
J 70
Blue



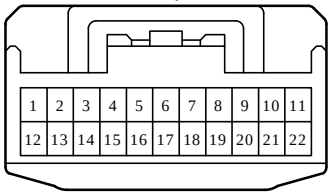
J 71
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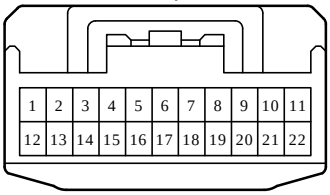
J 72
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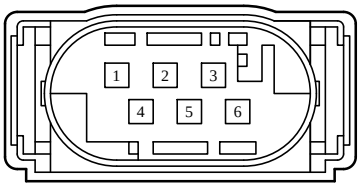
J 74
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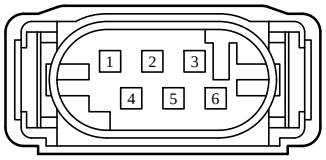
J 75
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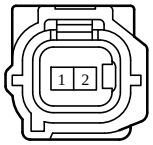
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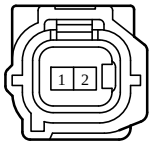
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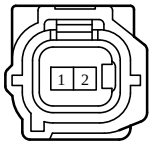
b 1
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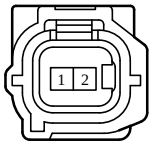
b 2
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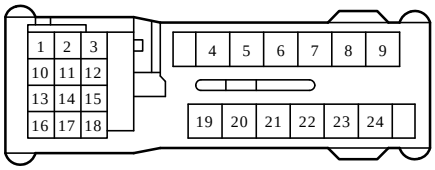
b 3
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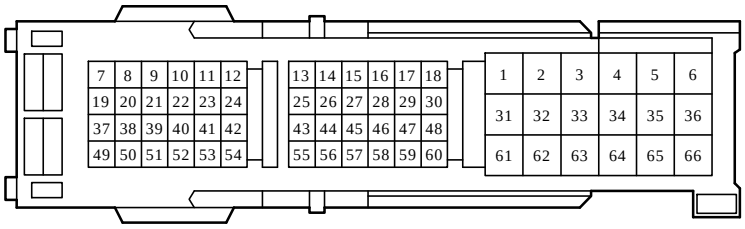
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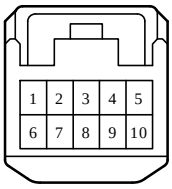
DB
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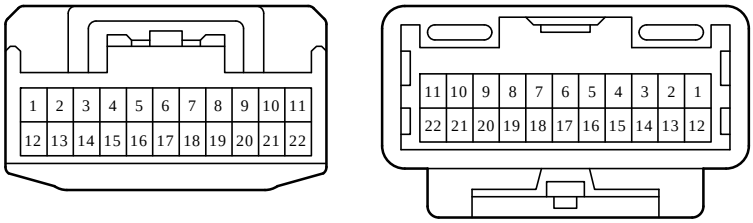
DD
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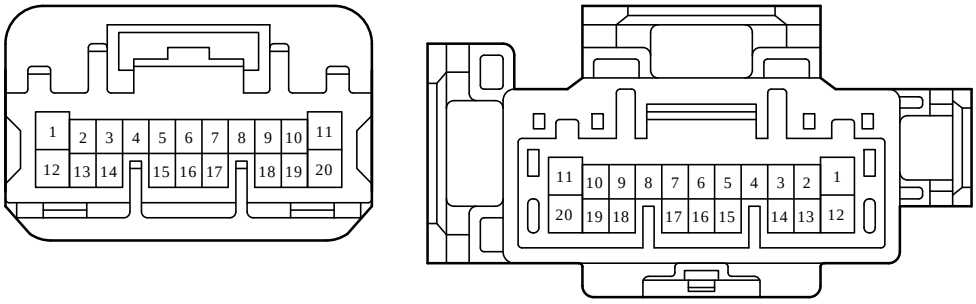
DE
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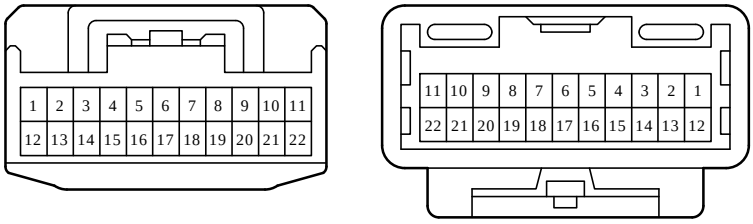
AJ5
Gray



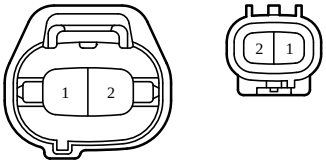
AJ9
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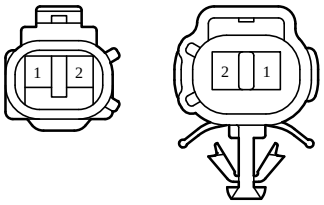
AJ10
Gray



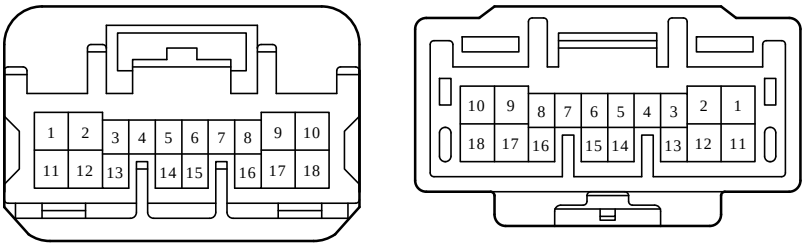
Ab1
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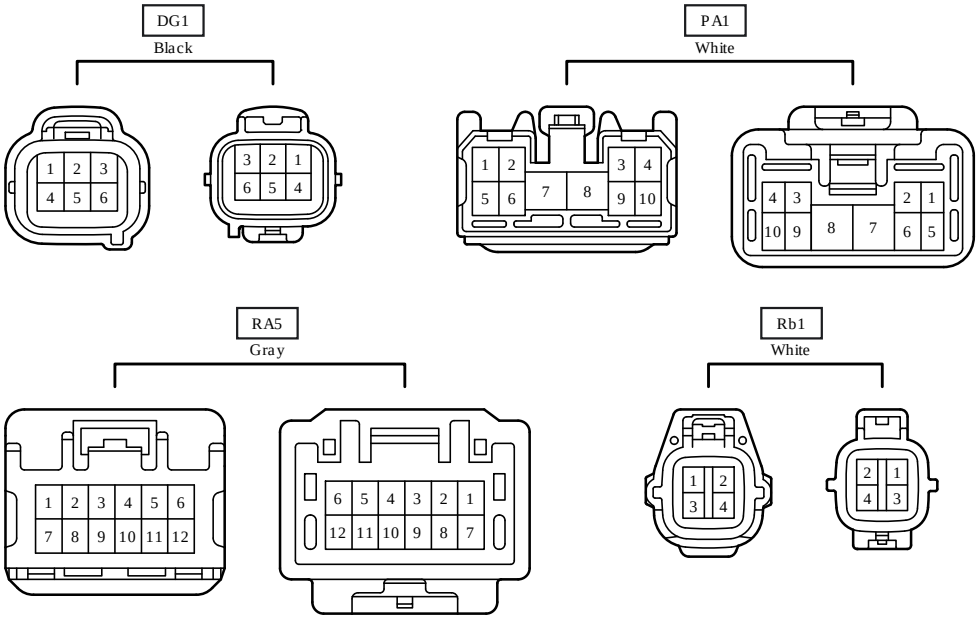


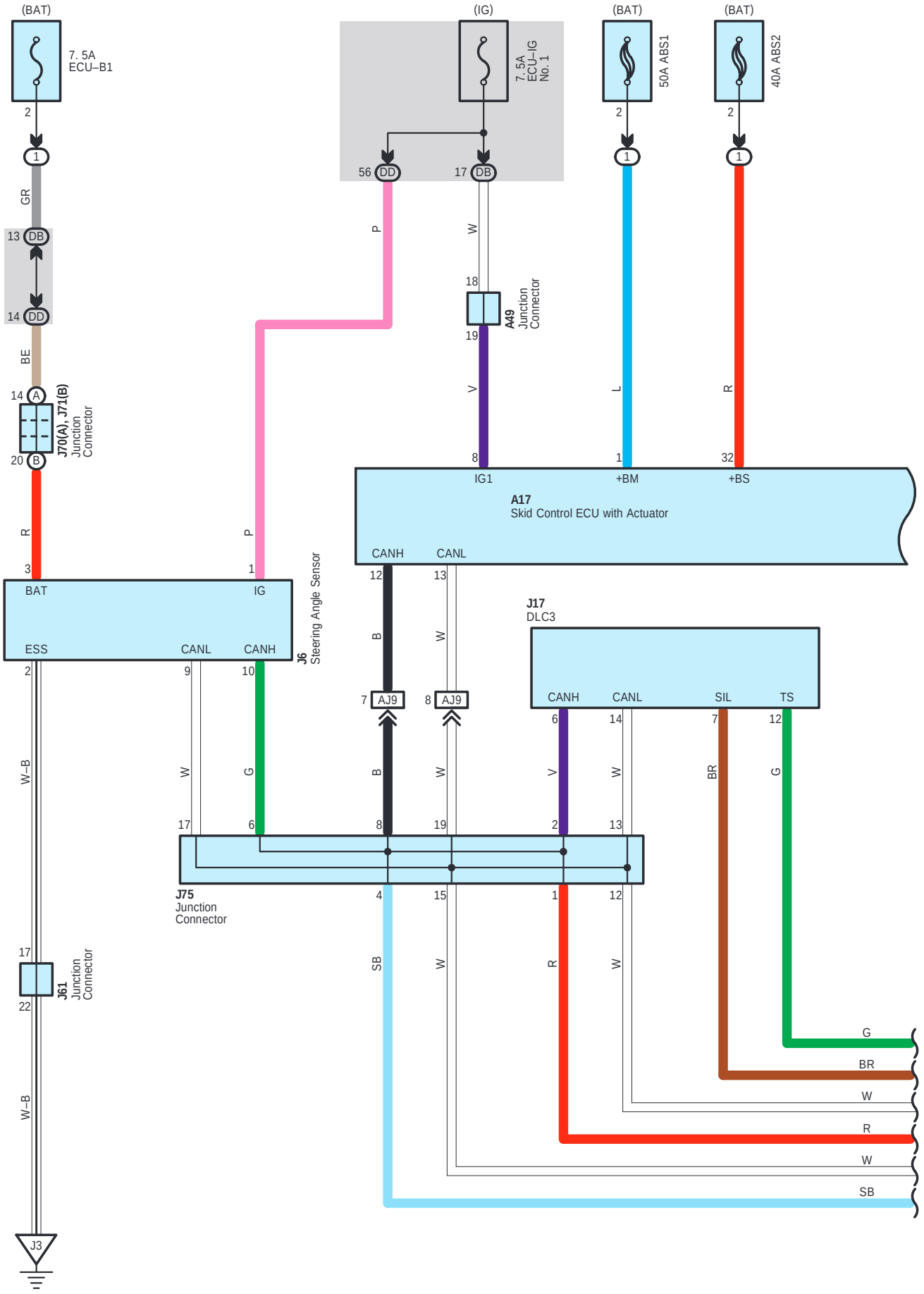
Ab2
Gray

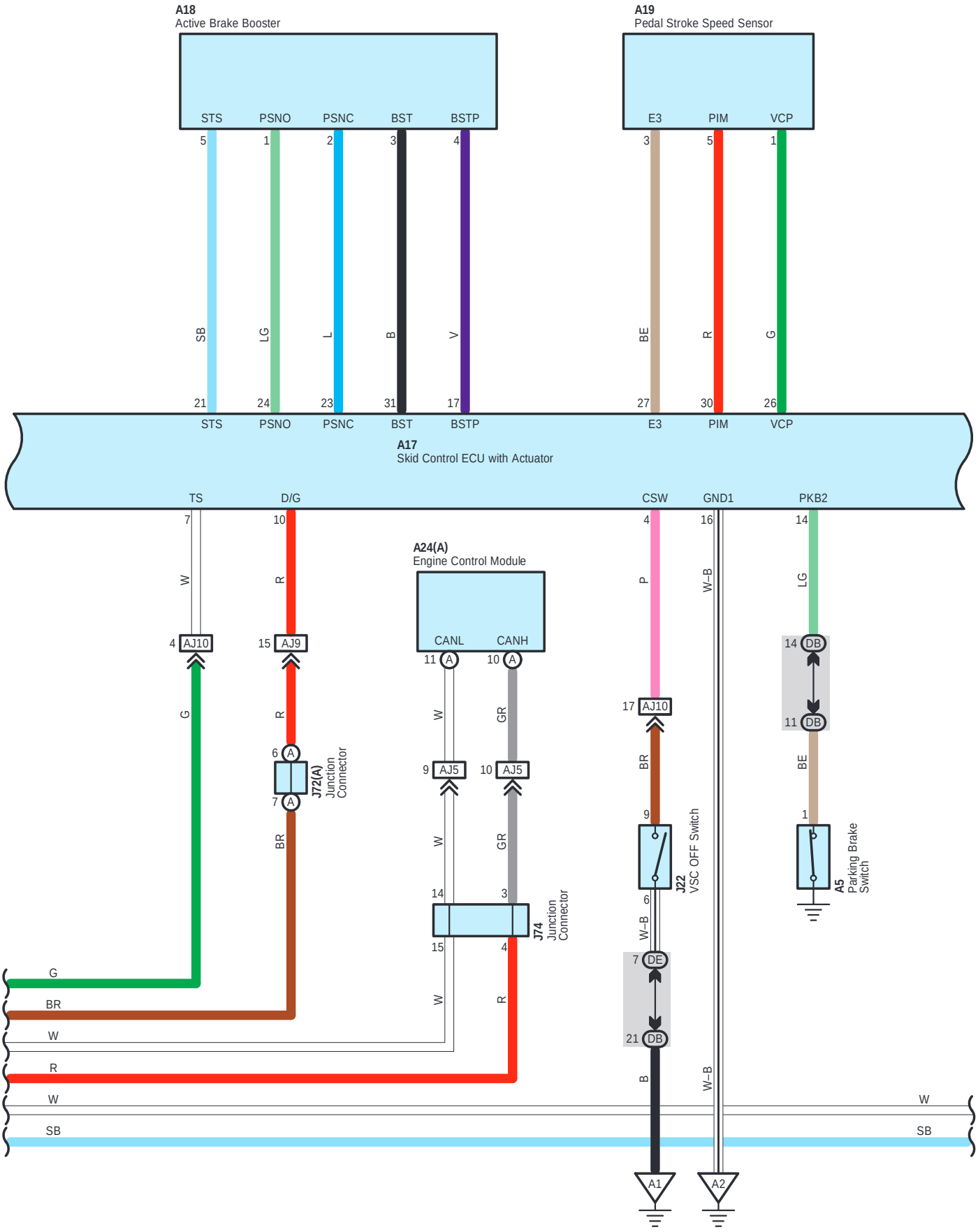


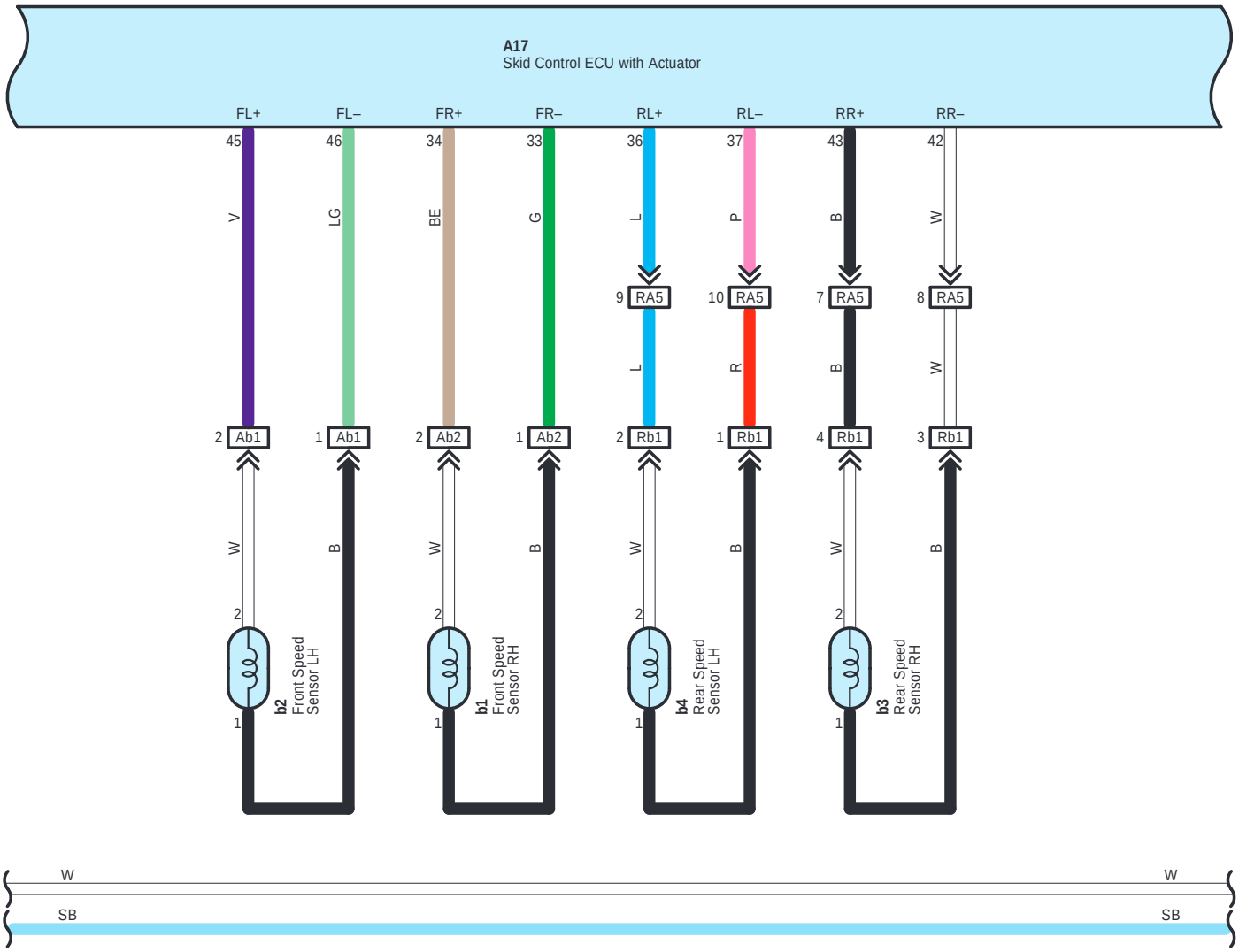
DA4
Gray

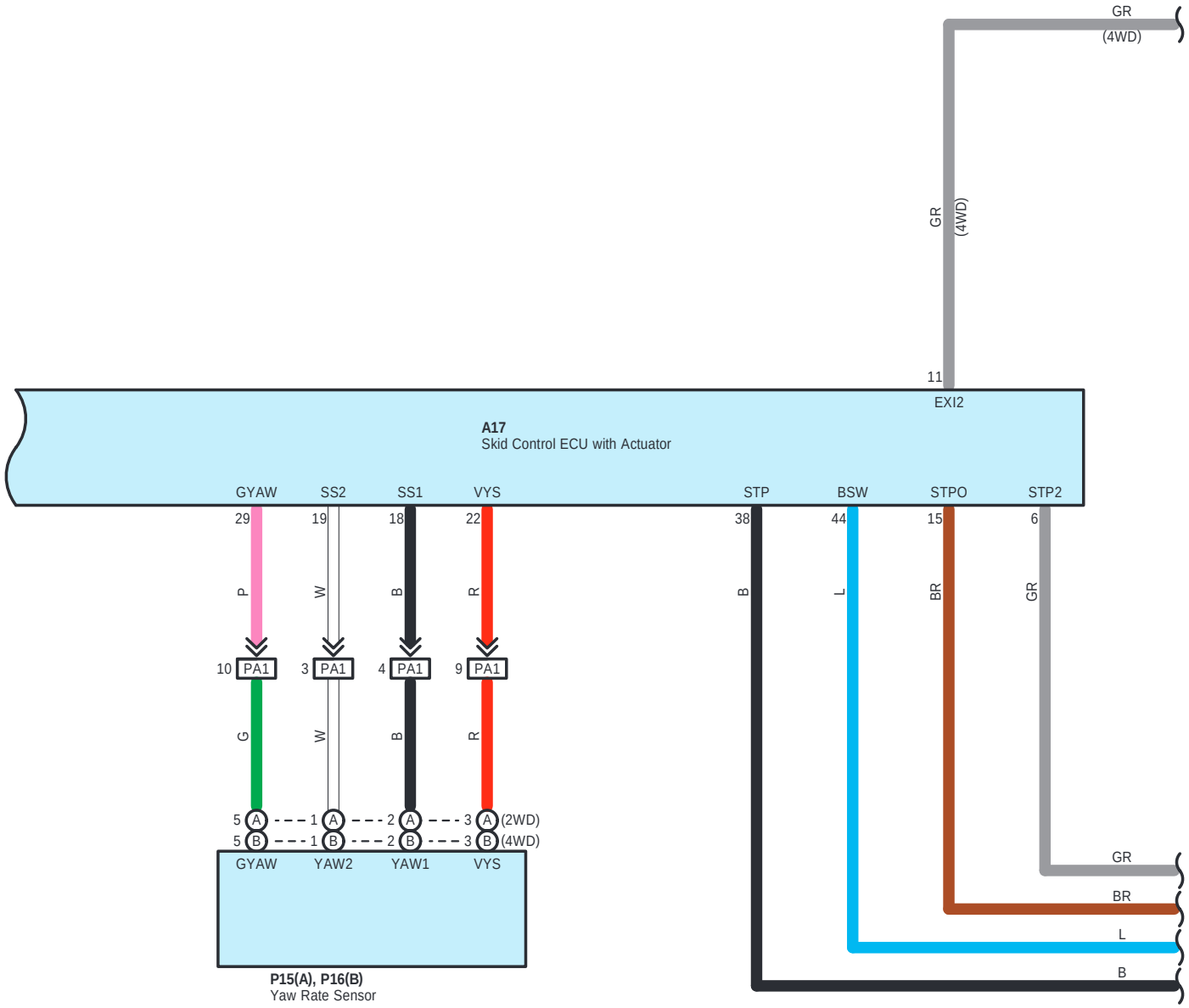


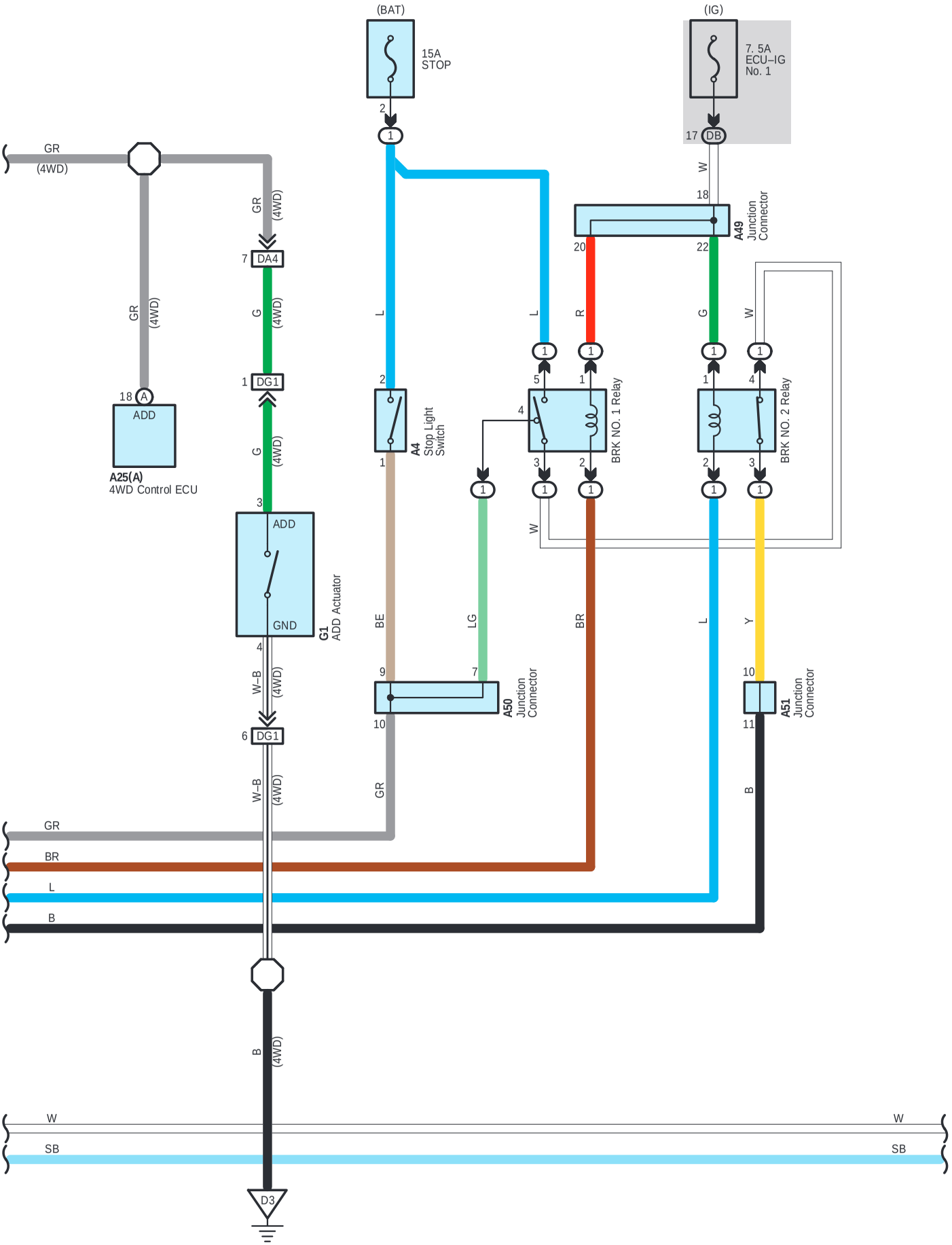

DG1
Black
1 2 3
4 5 6
3 2 1
6 5 4
PA1
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5
RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
Rb1
White
1 2
3 4
2 1
4 3

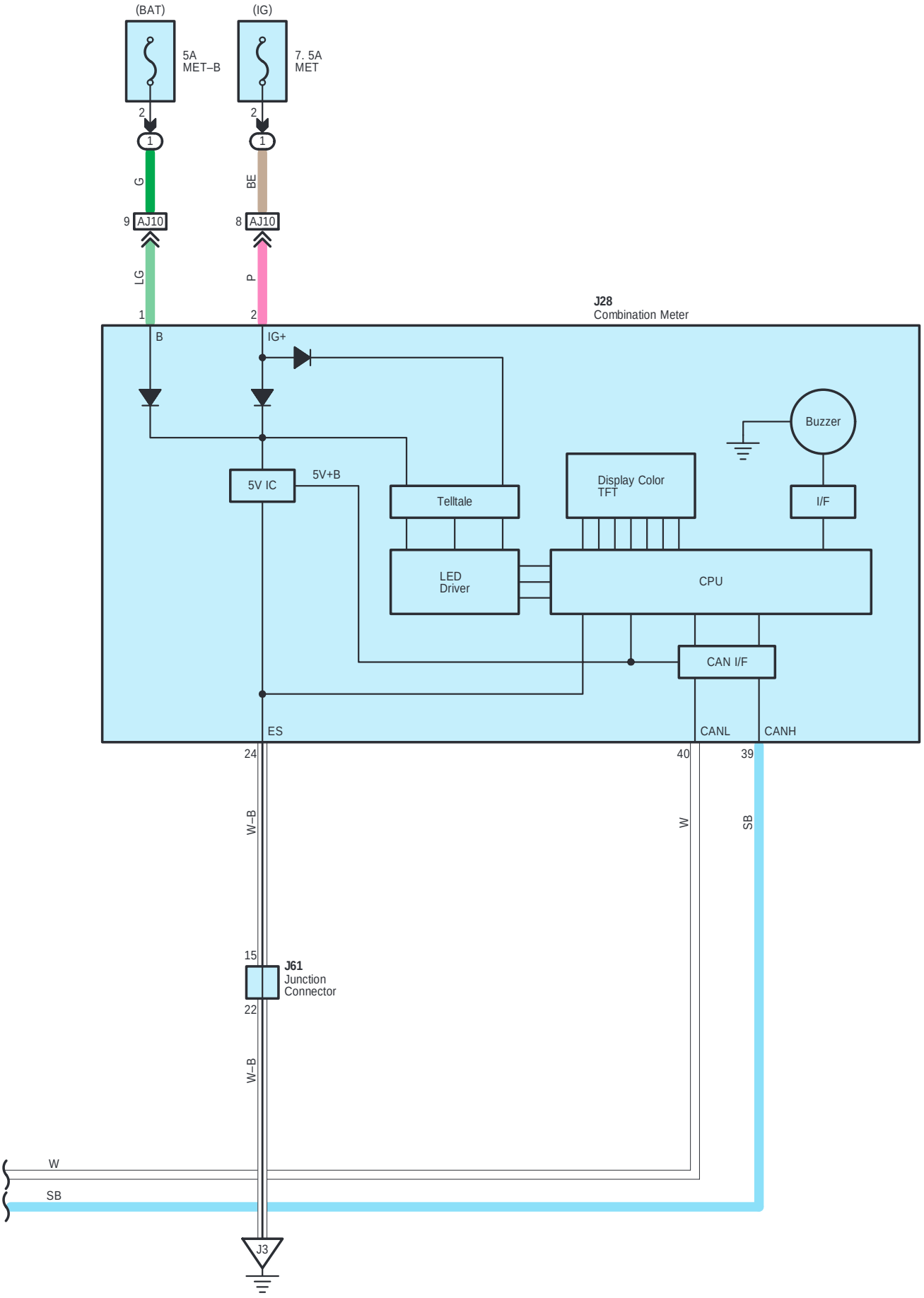

(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
20 B
J70(A), J71(B)
Junction
Connector
R
3
BAT
ESS
2
W–B
17
22
J61
Junction
Connector
W–B
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
17 DB
P
W
18
19
A49
Junction
Connector
V
8
IG1
P
1
IG
CANH
12
B
7 AJ9
CANL
13
W
8 AJ9
CANL
9
W
17
CANH
10
G
6
J6
Steering Angle Sensor
(BAT)
50A ABS1
2
1
L
1
+BM
(BAT)
40A ABS2
2
1
R
32
+BS
A17
Skid Control ECU with Actuator
J17
DLC3
CANH
6
V
CANL
14
W
SIL
7
BR
TS
12
G
J75
Junction
Connector
4
SB
15
W
1
R
12
W
G
BR
W
R
W
SB


A18
Active Brake Booster
STS
PSNO
PSNC
BST
BSTP
5
1
2
3
4
SB
LG
L
B
V
21
24
23
31
17
A19
Pedal Stroke Speed Sensor
E3
PIM
VCP
3
5
1
BE
R
G
27
30
26
A17
Skid Control ECU with Actuator
TS
D/G
CSW
GND1
PKB2
7
10
4
16
14
W
R
P
W-B
LG
4 AJ10
15 AJ9
17 AJ10
14 DB
11 DB
G
R
BR
BE
6 A
7 A
J72(A)
Junction
Connector
A24(A)
Engine Control Module
CANL
CANH
11 A
10 A
9 AJ5
10 AJ5
W
GR
14
3
15
4
J74
Junction
Connector
9
6
7 DE
21 DB
J22
VSC OFF Switch
1
A5
Parking Brake
Switch
B
A1
A2
G
BR
W
R
W
SB
W
SB

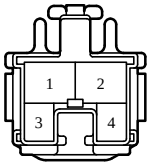

A17
Skid Control ECU with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
9 RA5
10 RA5
7 RA5
8 RA5
L
R
B
W
2 Ab1
1 Ab1
2 Ab2
1 Ab2
2 Rb1
1 Rb1
4 Rb1
3 Rb1
W
B
W
B
W
B
W
B
2
2
2
2
b2
Front Speed Sensor LH
b1
Front Speed Sensor RH
b4
Rear Speed Sensor LH
b3
Rear Speed Sensor RH
1
1
1
1
W
W
SB
SB


GR
(4WD)
GR
(4WD)
11
EXI2
A17
Skid Control ECU with Actuator
GYAW
SS2
SS1
VYS
STP
BSW
STPO
STP2
29
19
18
22
38
44
15
6
P
W
B
R
B
L
BR
GR
10 PA1
3 PA1
4 PA1
9 PA1
G
W
B
R
5 A 1 A 2 A 3 A (2WD)
5 B 1 B 2 B 3 B (4WD)
GYAW
YAW2
YAW1
VYS
P15(A), P16(B)
Yaw Rate Sensor
GR
BR
L
B
W
W
SB
SB


(BAT)
15A
STOP
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
G
W
GR
(4WD)
GR
(4WD)
7 DA4
G
(4WD)
1 DG1
G
(4WD)
3
ADD
GND
G1
ADD Actuator
4
W–B
(4WD)
6 DG1
W–B
(4WD)
18 A
ADD
A25(A)
4WD Control ECU
L
2
1
A4
Stop Light
Switch
BE
9
10
GR
L
5
4
1
3
2
BRK NO. 1 Relay
R
BR
W
LG
7
A50
Junction
Connector
L
1
4
2
3
BRK NO. 2 Relay
L
Y
10
11
A51
Junction
Connector
B
GR
BR
L
B
B
(4WD)
W
SB
W
SB
D3


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
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W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

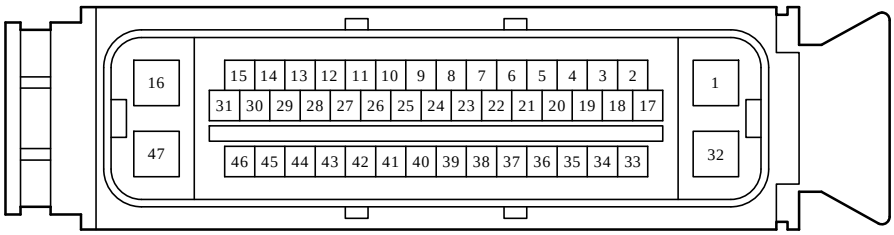
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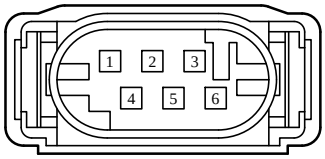
A 5
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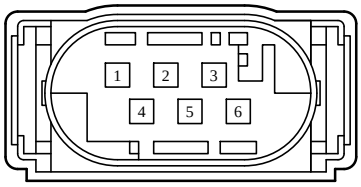
A 17
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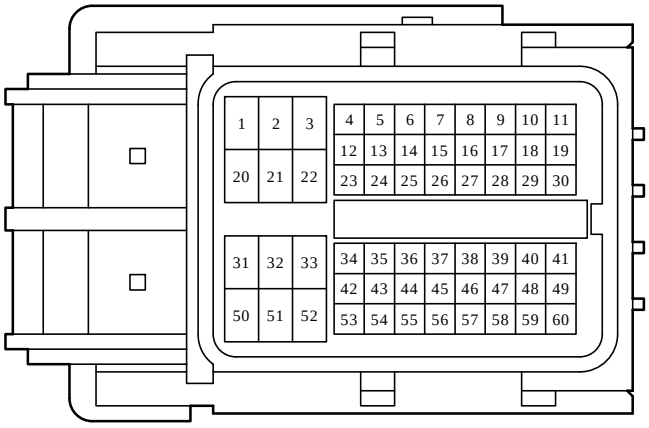
A 18
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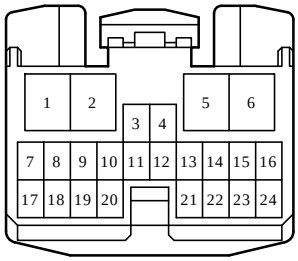
A 19
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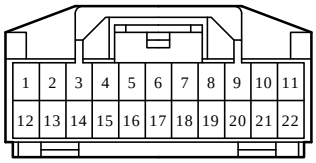
A 24
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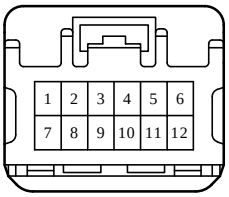
A 25
Black



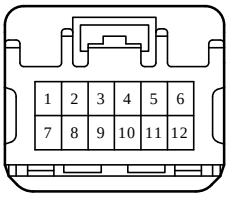
A 49
White



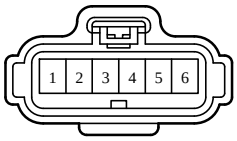
A 50
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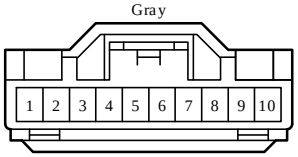
A 51
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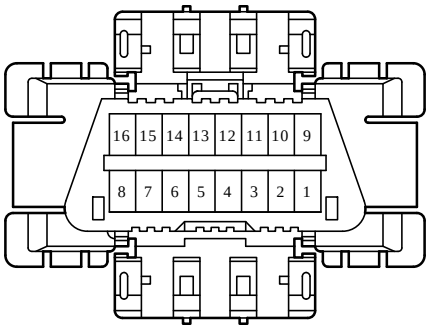
G 1
Black



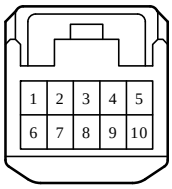
J 6
Gray



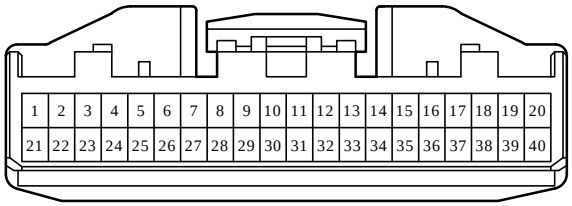
J 17
White



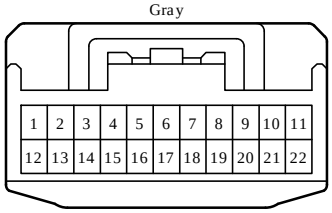
J 22
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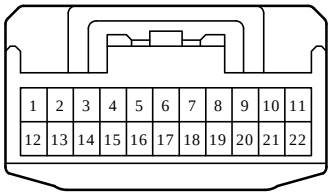
J 28
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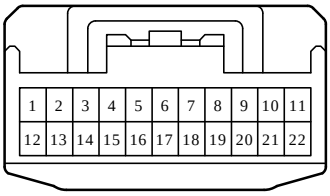
J 61
Gray



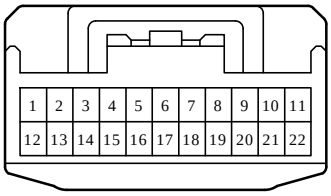
J 70
Blue



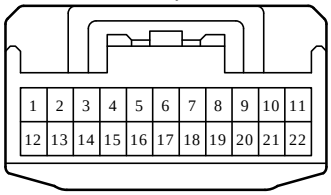
J 71
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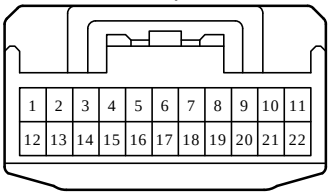
J 72
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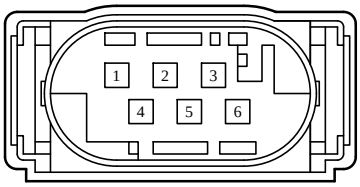
J 74
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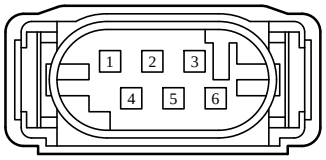
J 75
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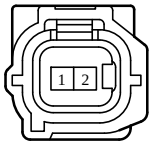
P 15
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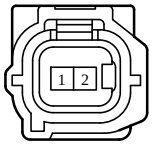
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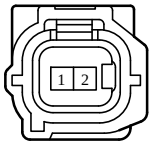
b 1
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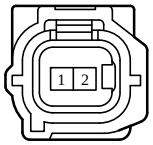
b 2
Black



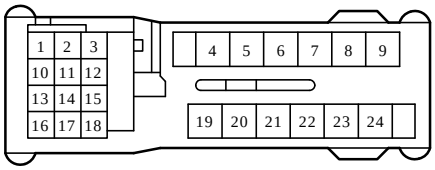
b 3
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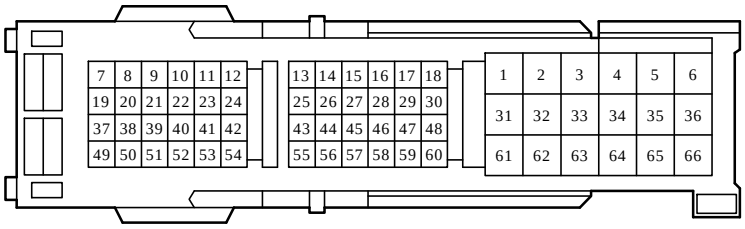
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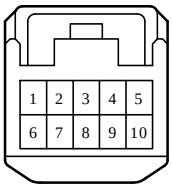
DB
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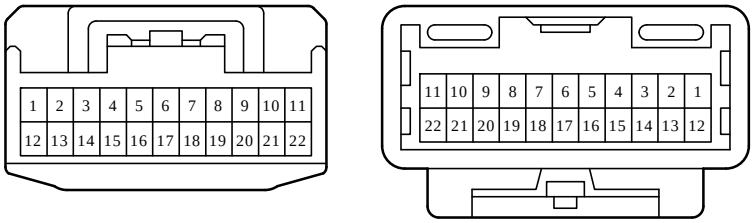
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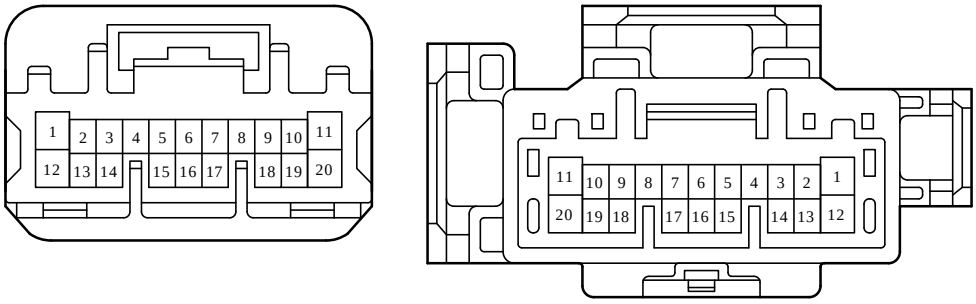
DE
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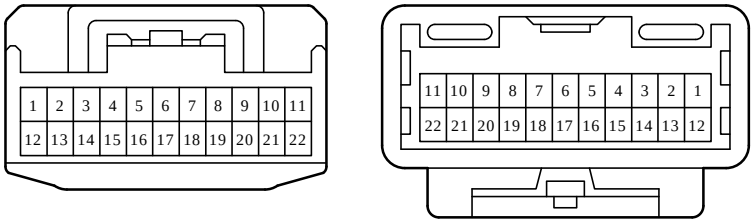
AJ5
Gray



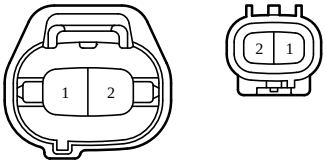
AJ9
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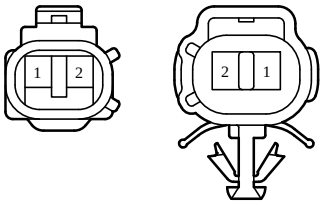
AJ10
Gray



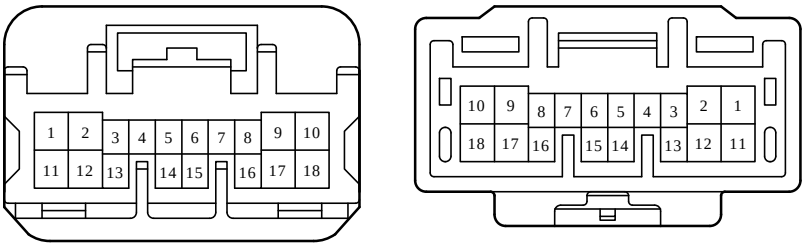
Ab1
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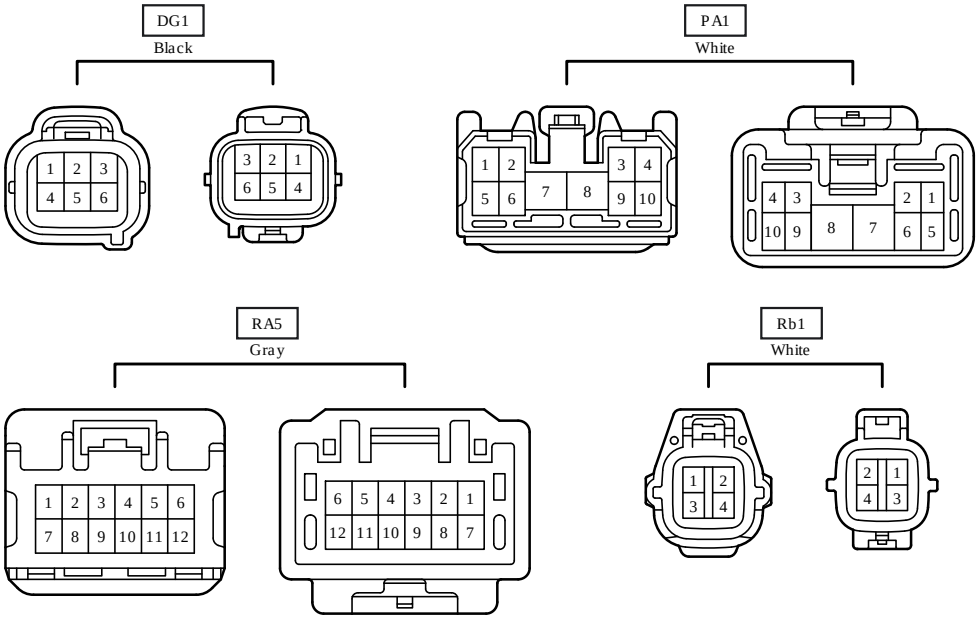


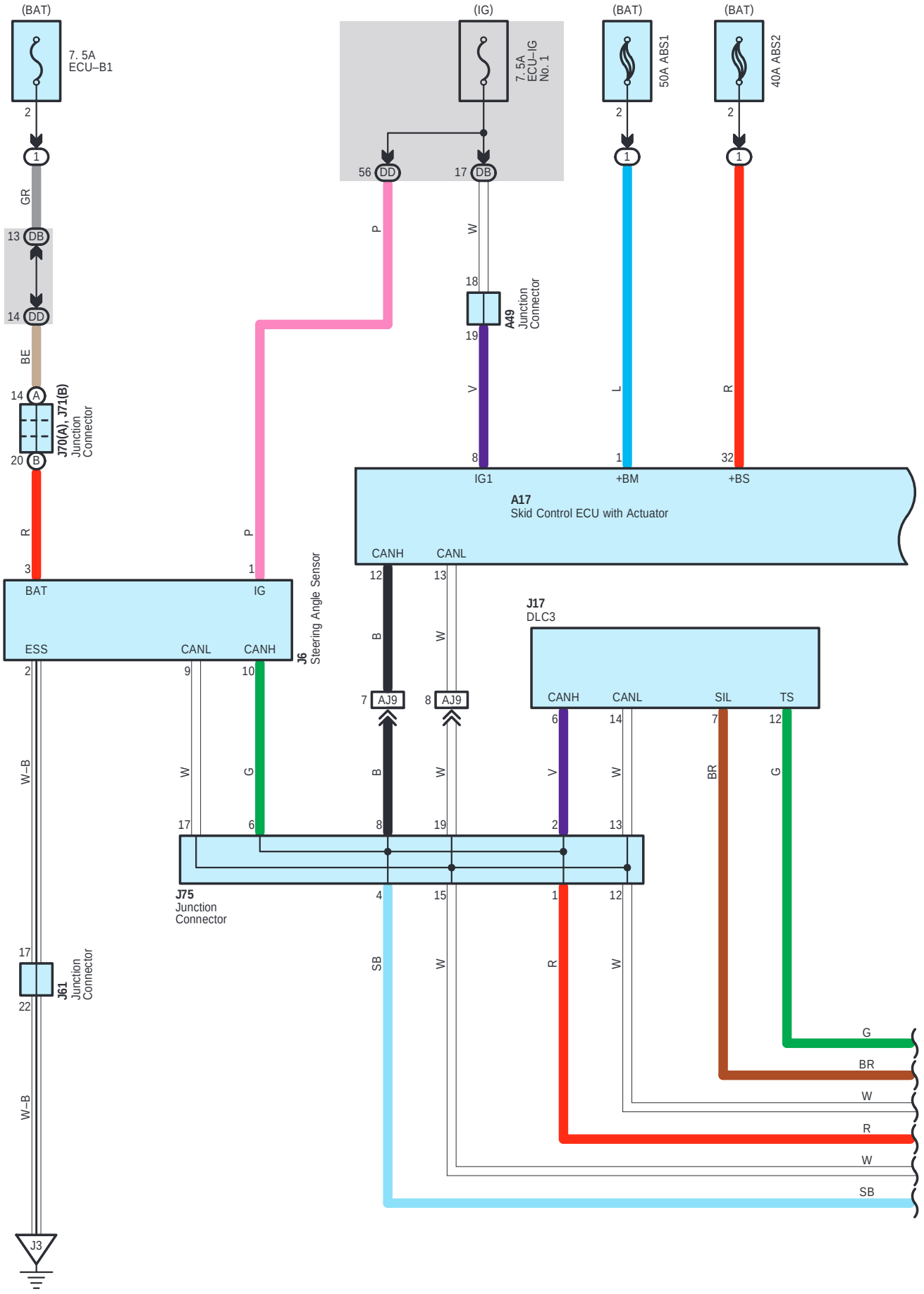
Ab2
Gray

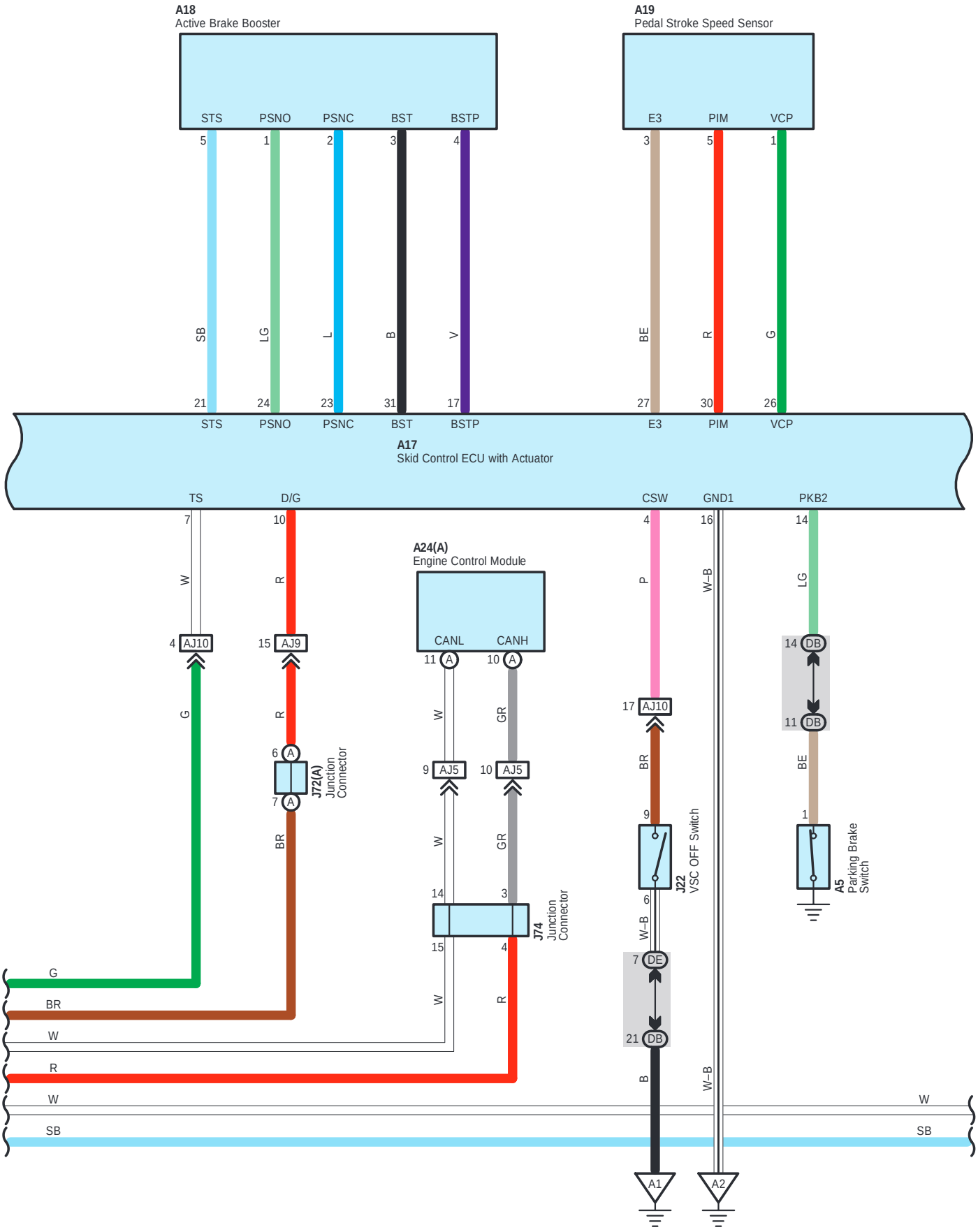


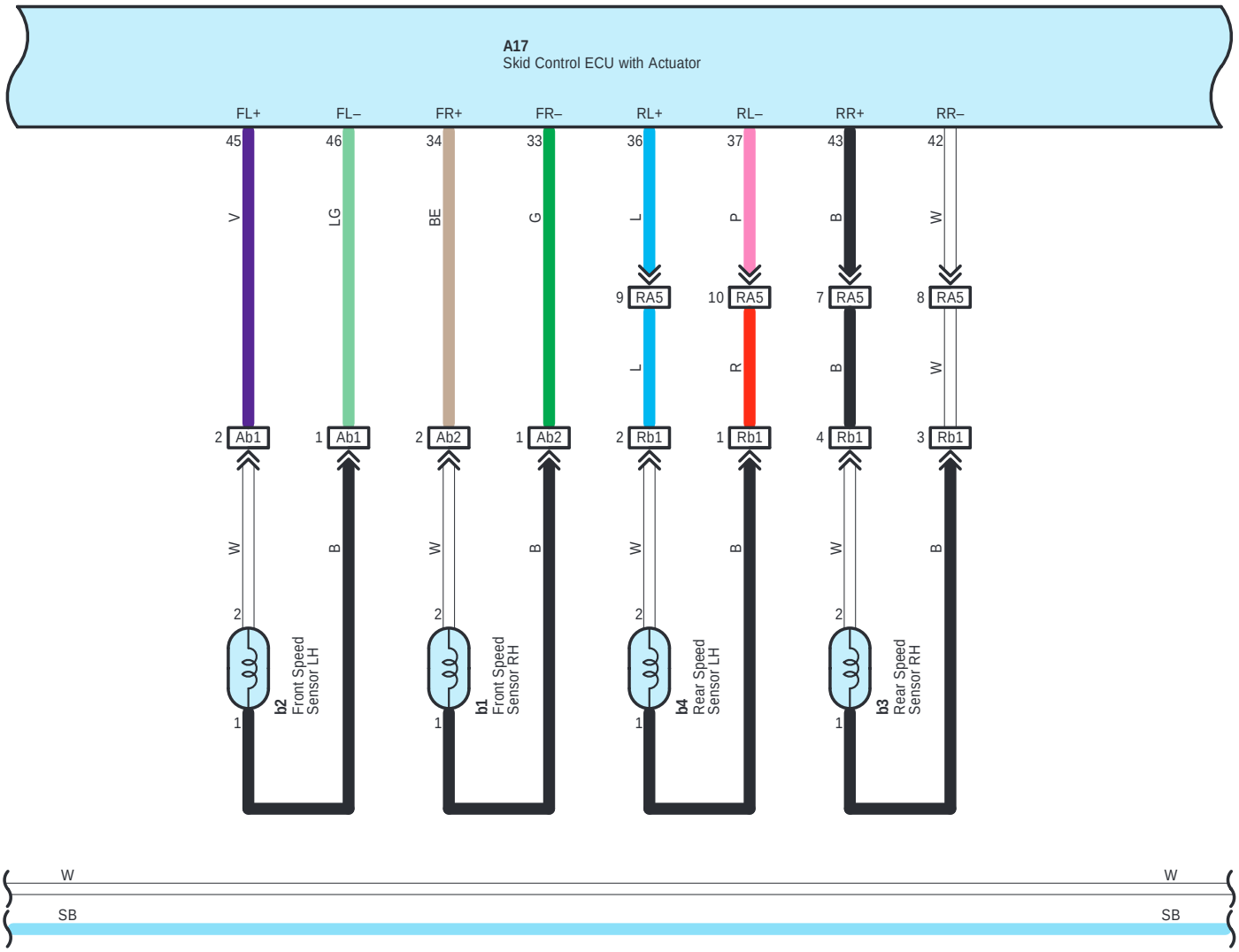
DA4
Gray

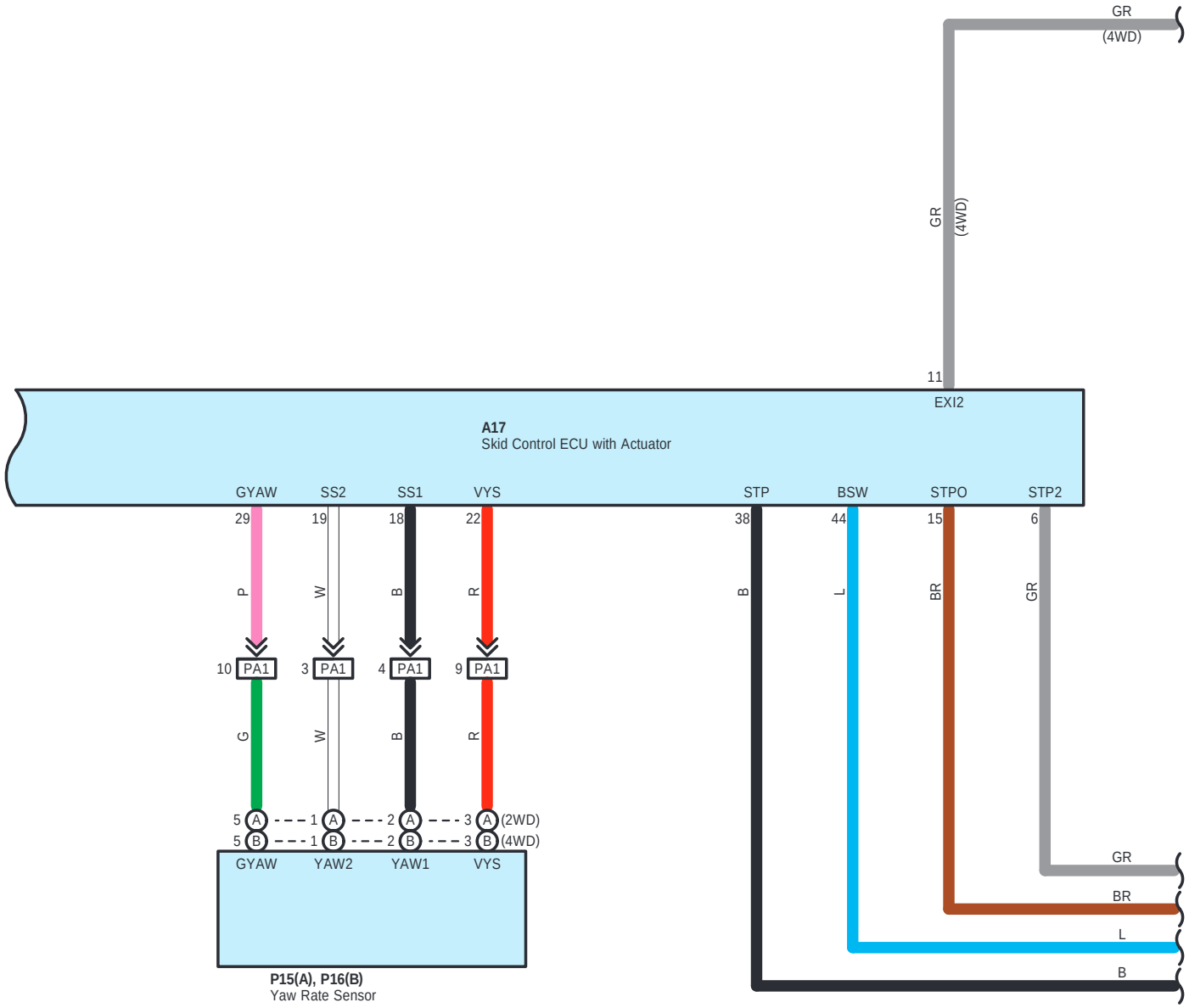


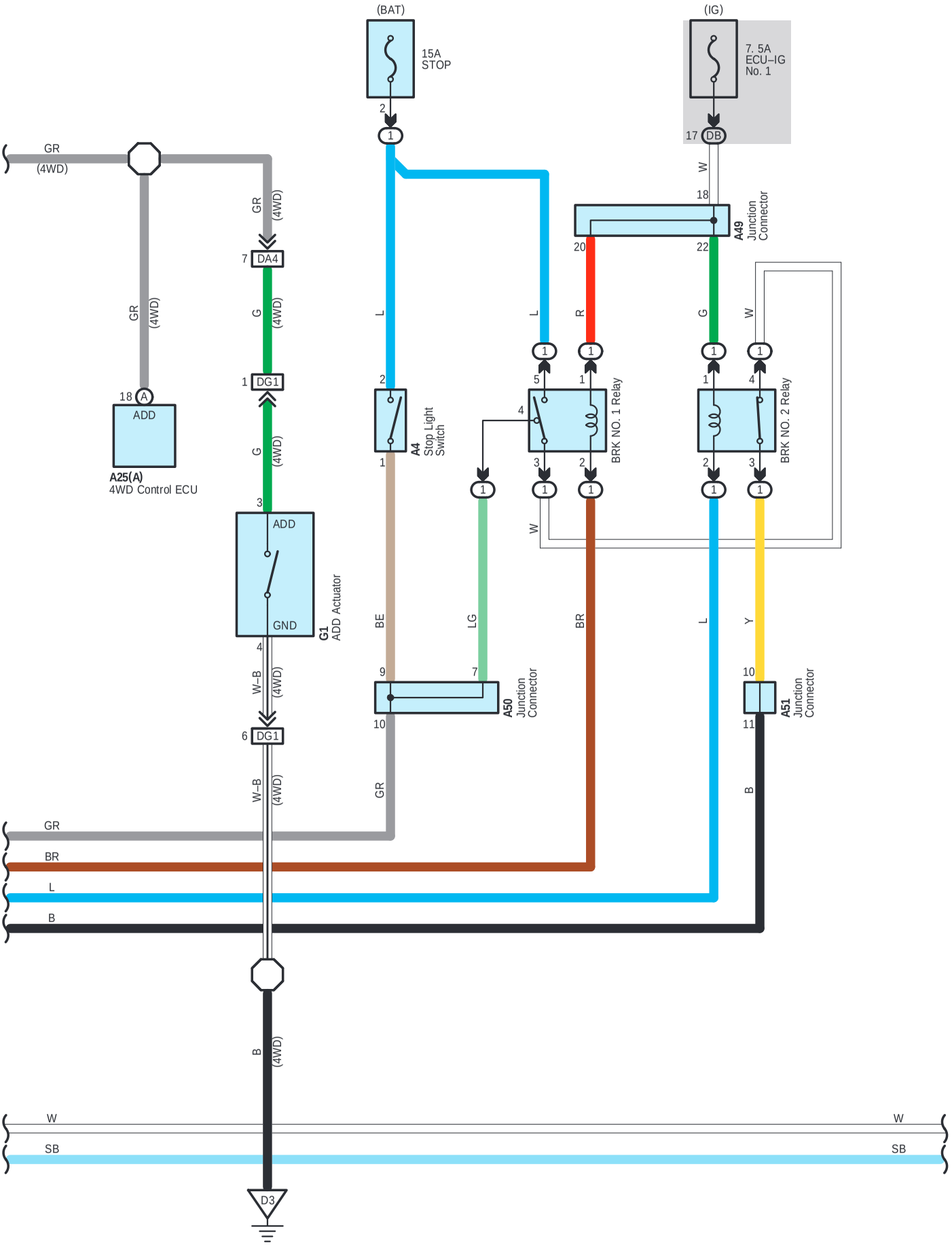

DG1
Black
1 2 3
4 5 6
3 2 1
6 5 4
PA1
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5
RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
Rb1
White
1 2
3 4
2 1
4 3

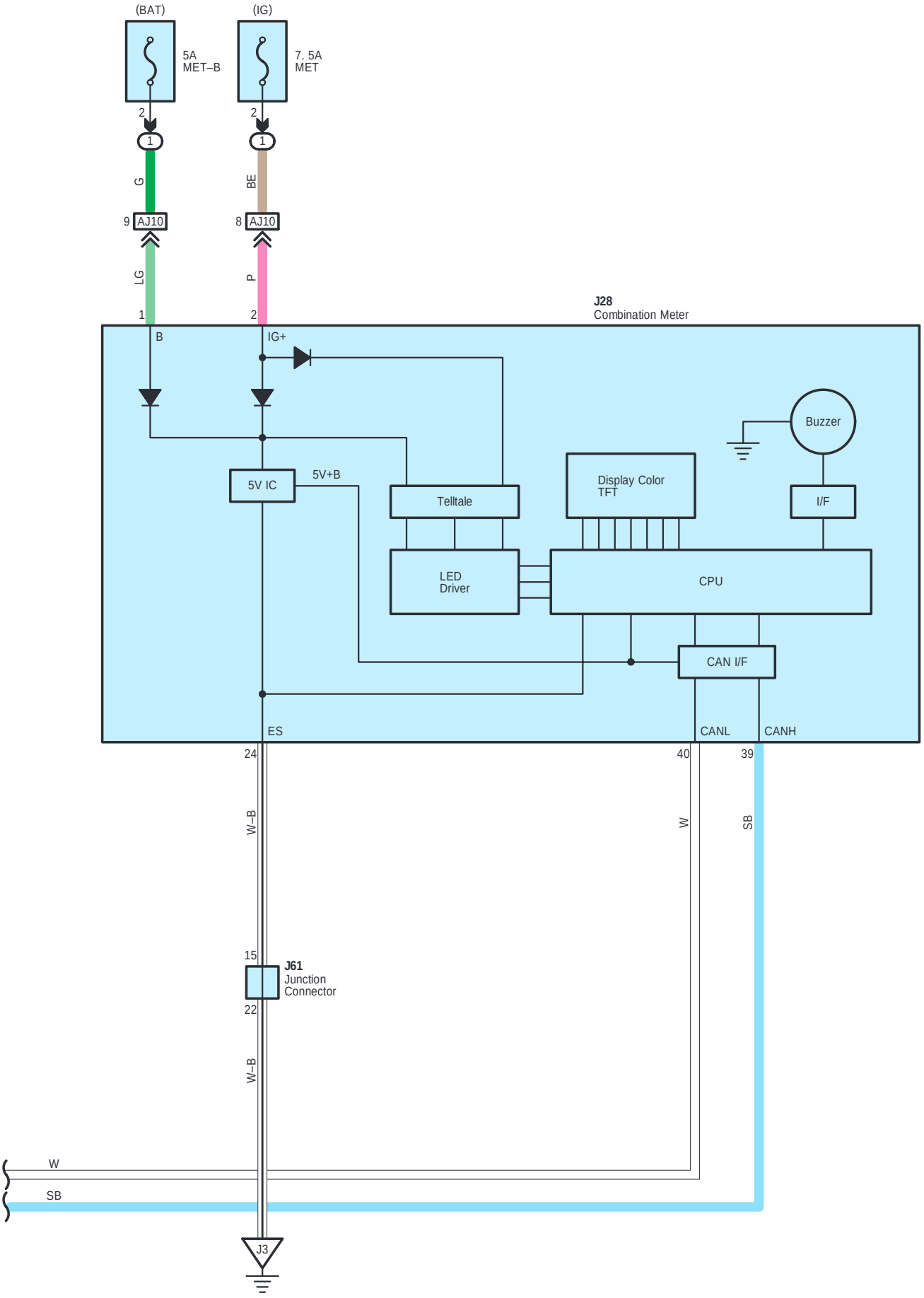

(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
20 B
J70(A), J71(B)
Junction
Connector
R
3
BAT
ESS
2
W–B
17
22
J61
Junction
Connector
W–B
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
17 DB
P
W
18
19
A49
Junction
Connector
V
8
IG1
P
1
IG
CANH
12
B
7 AJ9
CANL
13
W
8 AJ9
CANL
9
W
17
CANH
10
G
6
J6
Steering Angle Sensor
(BAT)
50A ABS1
2
1
L
1
+BM
(BAT)
40A ABS2
2
1
R
32
+BS
A17
Skid Control ECU with Actuator
J17
DLC3
CANH
6
V
CANL
14
W
SIL
7
BR
TS
12
G
J75
Junction
Connector
4
SB
15
W
1
R
12
W
G
BR
W
R
W
SB


A18
Active Brake Booster
STS
PSNO
PSNC
BST
BSTP
5
1
2
3
4
SB
LG
L
B
V
21
24
23
31
17
A19
Pedal Stroke Speed Sensor
E3
PIM
VCP
3
5
1
BE
R
G
27
30
26
A17
Skid Control ECU with Actuator
TS
D/G
CSW
GND1
PKB2
7
10
4
16
14
W
R
P
W-B
LG
4 AJ10
15 AJ9
17 AJ10
14 DB
11 DB
G
R
BR
BE
6 A
7 A
J72(A)
Junction
Connector
A24(A)
Engine Control Module
CANL
CANH
11 A
10 A
9 AJ5
10 AJ5
W
GR
14
3
15
4
J74
Junction
Connector
9
6
7 DE
21 DB
J22
VSC OFF Switch
1
A5
Parking Brake
Switch
B
A1
A2
G
BR
W
R
W
SB
W
SB

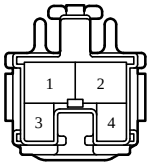

A17
Skid Control ECU with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
9 RA5
10 RA5
7 RA5
8 RA5
L
R
B
W
2 Ab1
1 Ab1
2 Ab2
1 Ab2
2 Rb1
1 Rb1
4 Rb1
3 Rb1
W
B
W
B
W
B
W
B
2
2
2
2
b2
Front Speed Sensor LH
b1
Front Speed Sensor RH
b4
Rear Speed Sensor LH
b3
Rear Speed Sensor RH
1
1
1
1
W
W
SB
SB


GR
(4WD)
GR
(4WD)
11
EXI2
A17
Skid Control ECU with Actuator
GYAW
SS2
SS1
VYS
STP
BSW
STPO
STP2
29
19
18
22
38
44
15
6
P
W
B
R
B
L
BR
GR
10 PA1
3 PA1
4 PA1
9 PA1
G
W
B
R
5 A 1 A 2 A 3 A (2WD)
5 B 1 B 2 B 3 B (4WD)
GYAW
YAW2
YAW1
VYS
P15(A), P16(B)
Yaw Rate Sensor
GR
BR
L
B
W
W
SB
SB


(BAT)
15A
STOP
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
G
W
GR
(4WD)
GR
(4WD)
7 DA4
G
(4WD)
1 DG1
G
(4WD)
3
ADD
GND
G1
ADD Actuator
4
W–B
(4WD)
6 DG1
W–B
(4WD)
18 A
ADD
A25(A)
4WD Control ECU
L
2
1
A4
Stop Light
Switch
BE
9
10
GR
L
5
4
1
3
2
BRK NO. 1 Relay
R
BR
W
LG
7
A50
Junction
Connector
L
1
4
2
3
BRK NO. 2 Relay
L
Y
10
11
A51
Junction
Connector
B
GR
BR
L
B
B
(4WD)
W
SB
W
SB
D3


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
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W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

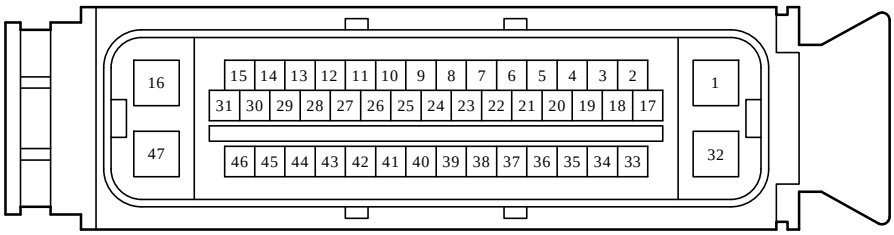
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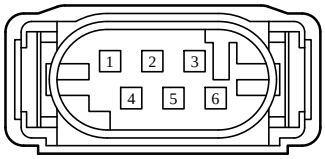
A 5
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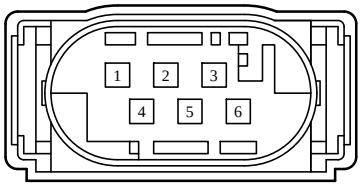
A 17
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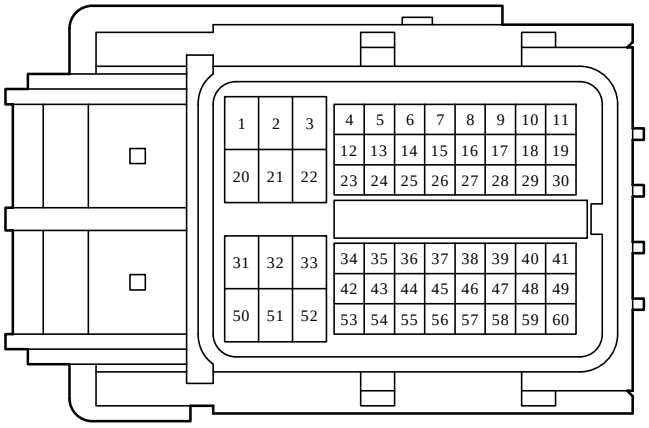
A 18
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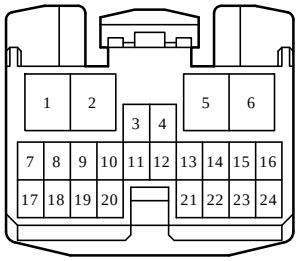
A 19
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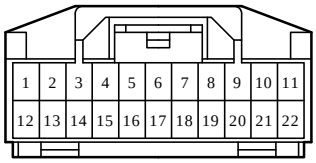
A 24
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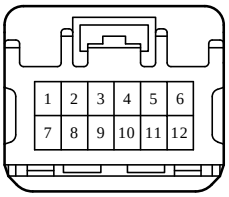
A 25
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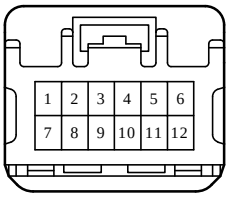
A 49
White



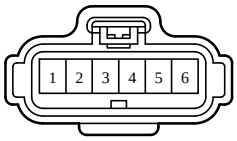
A 50
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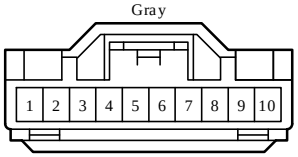
A 51
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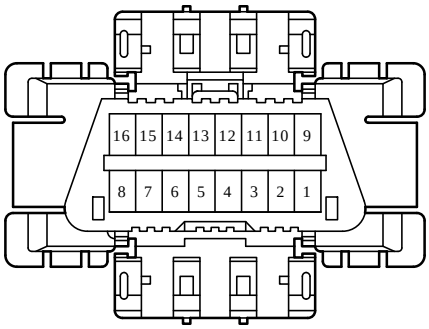
G 1
Black



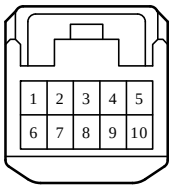
J 6
Gray



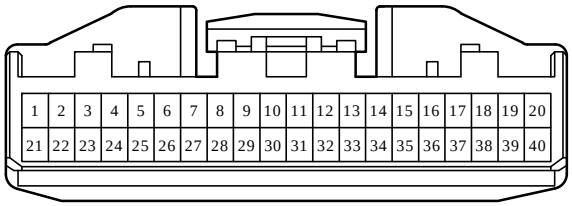
J 17
White



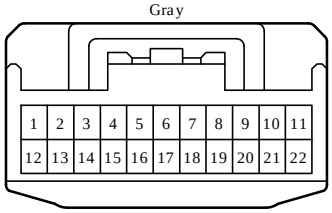
J 22
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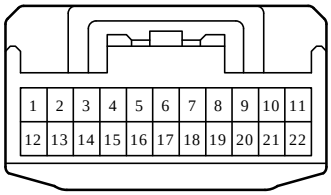
J 28
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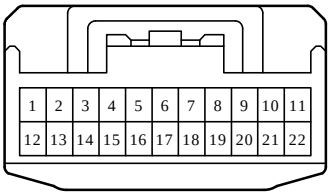
J 61
Gray



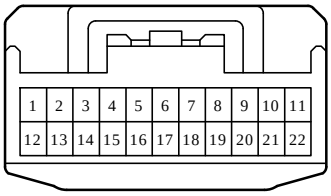
J 70
Blue



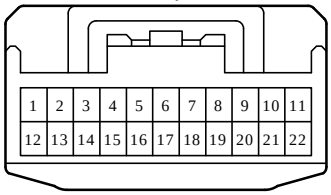
J 71
White



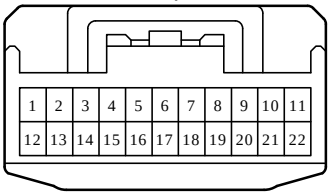
J 72
Black



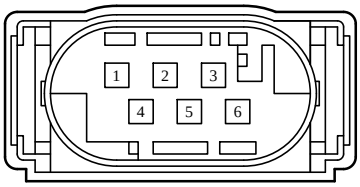
J 74
Gray



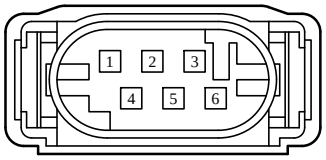
J 75
Gray



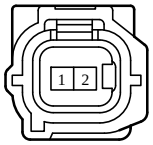
P 15
Black



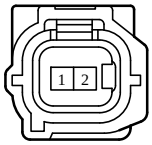
P 16
Black



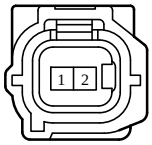
b 1
Black



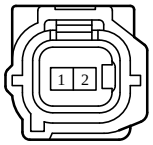
b 2
Black



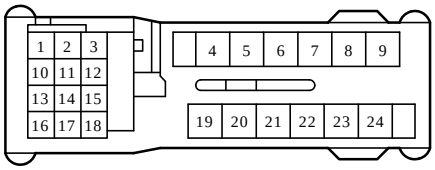
b 3
Black



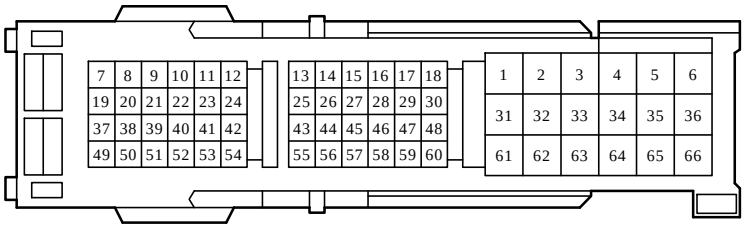
b 4
Black



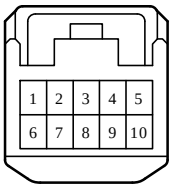
DB
White



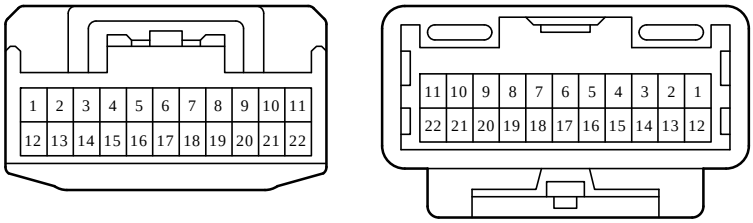
DD
White



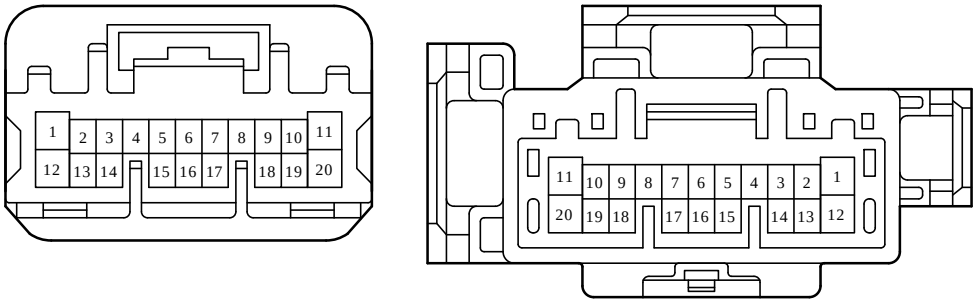
DE
White



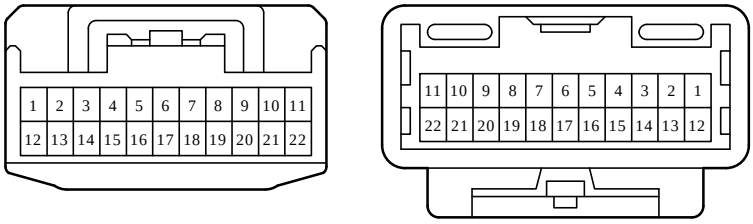
AJ5
Gray



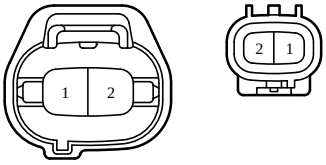
AJ9
White



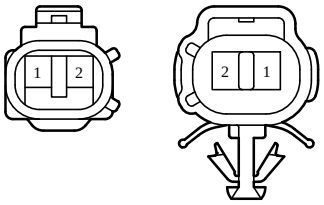
AJ10
Gray



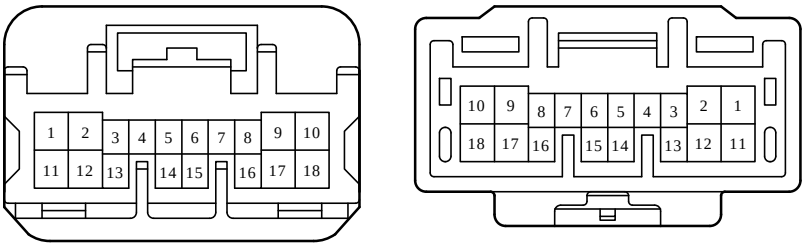
Ab1
Gray

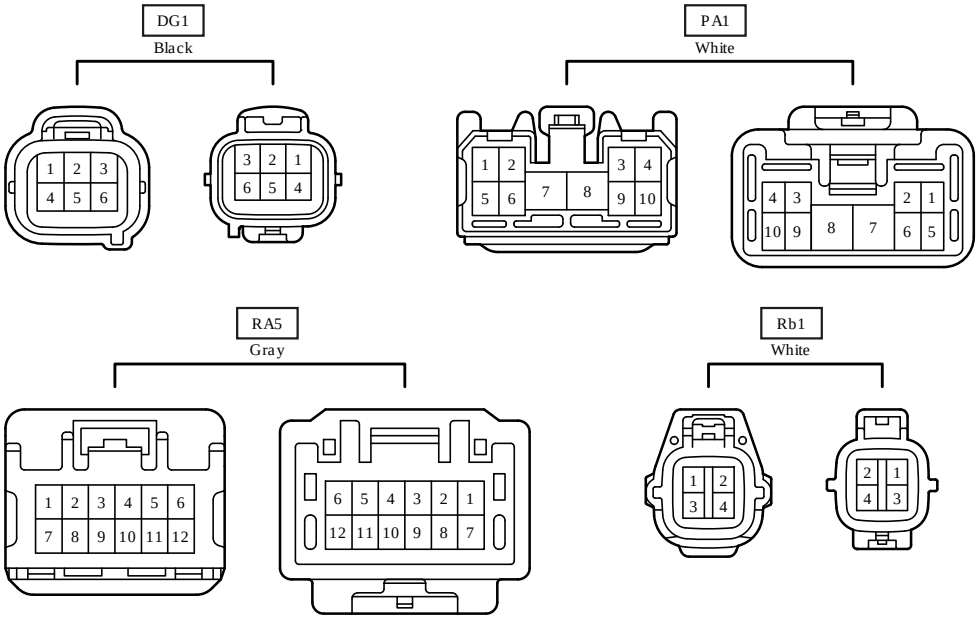


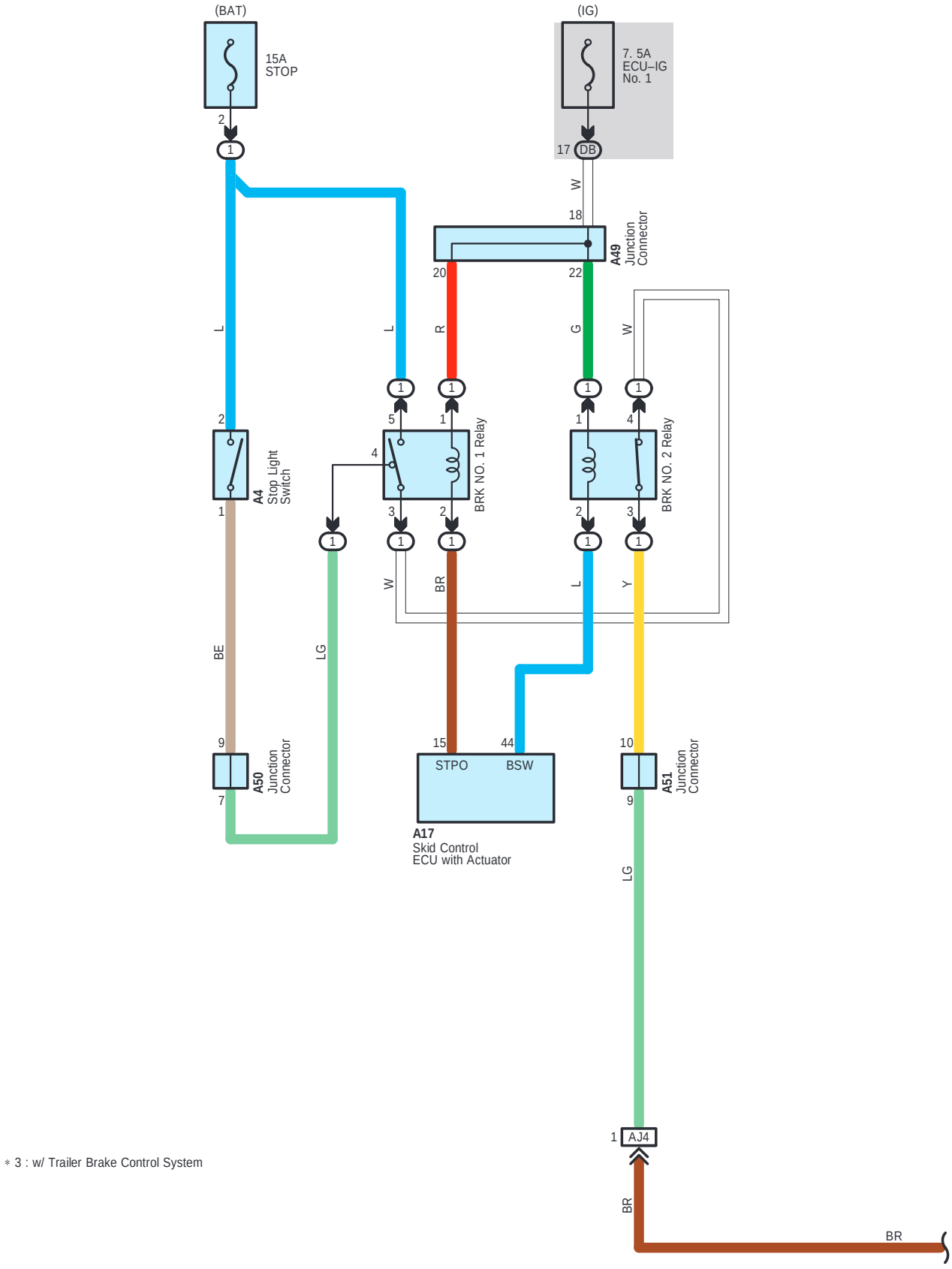
Ab2
Gray



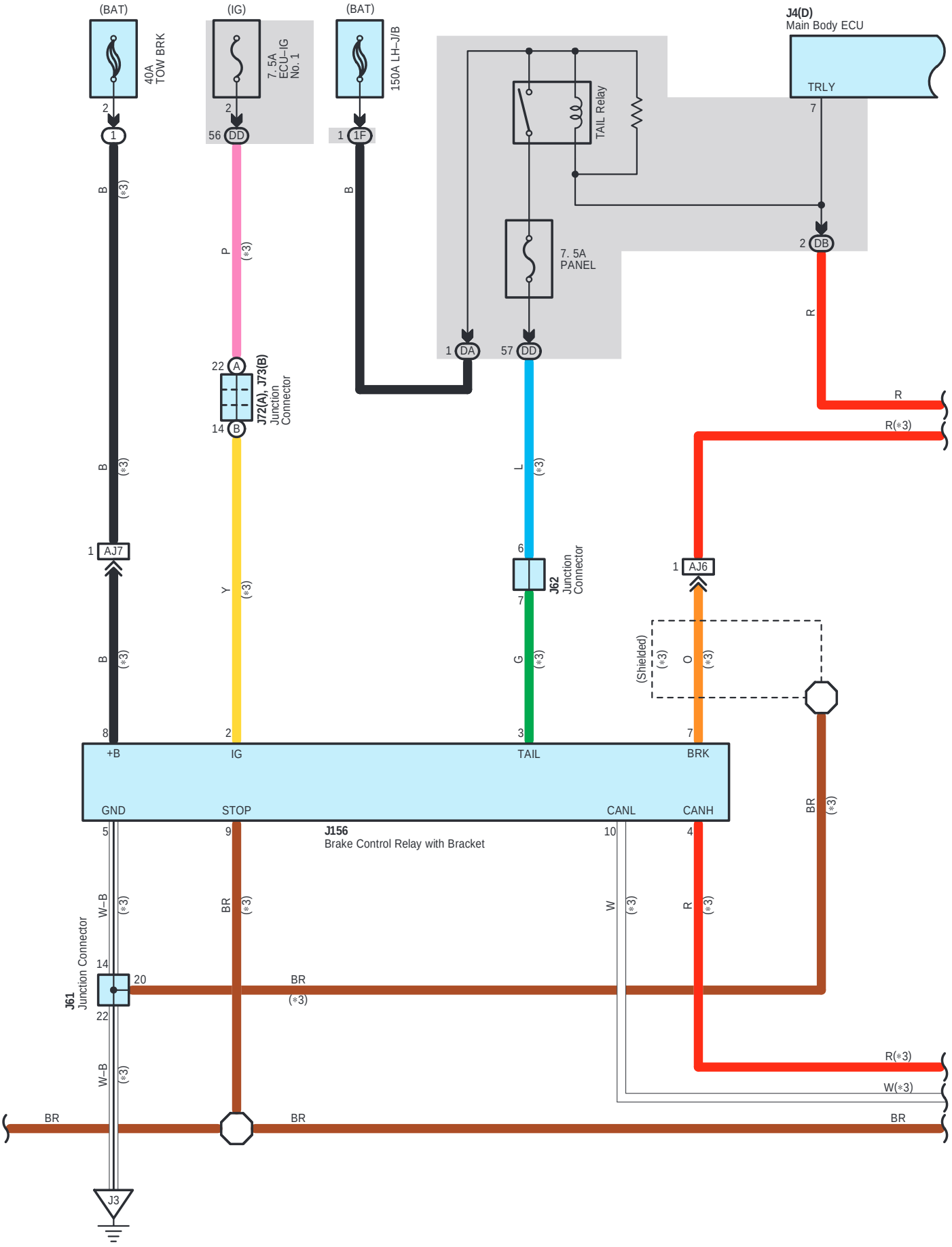
DA4
Gray

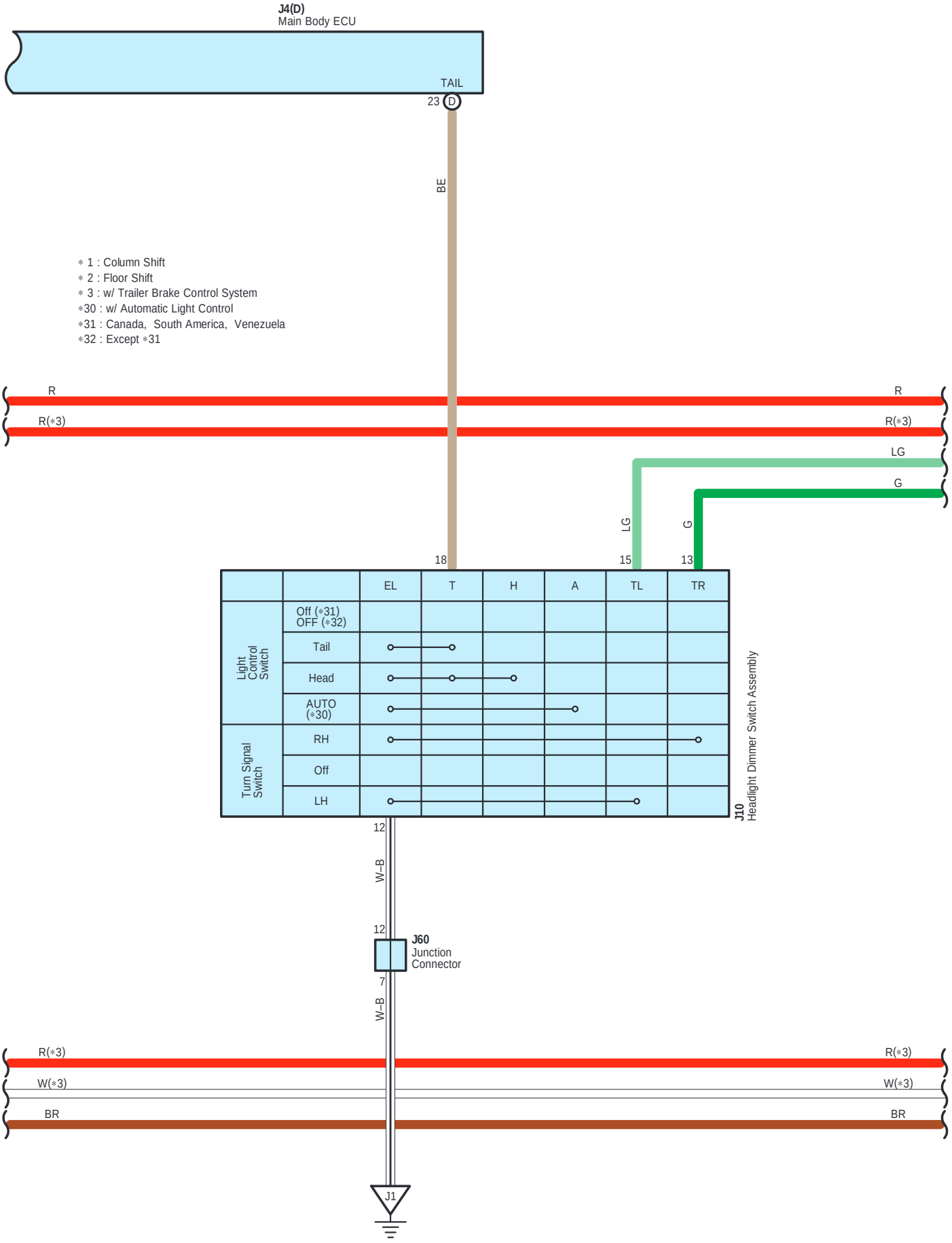


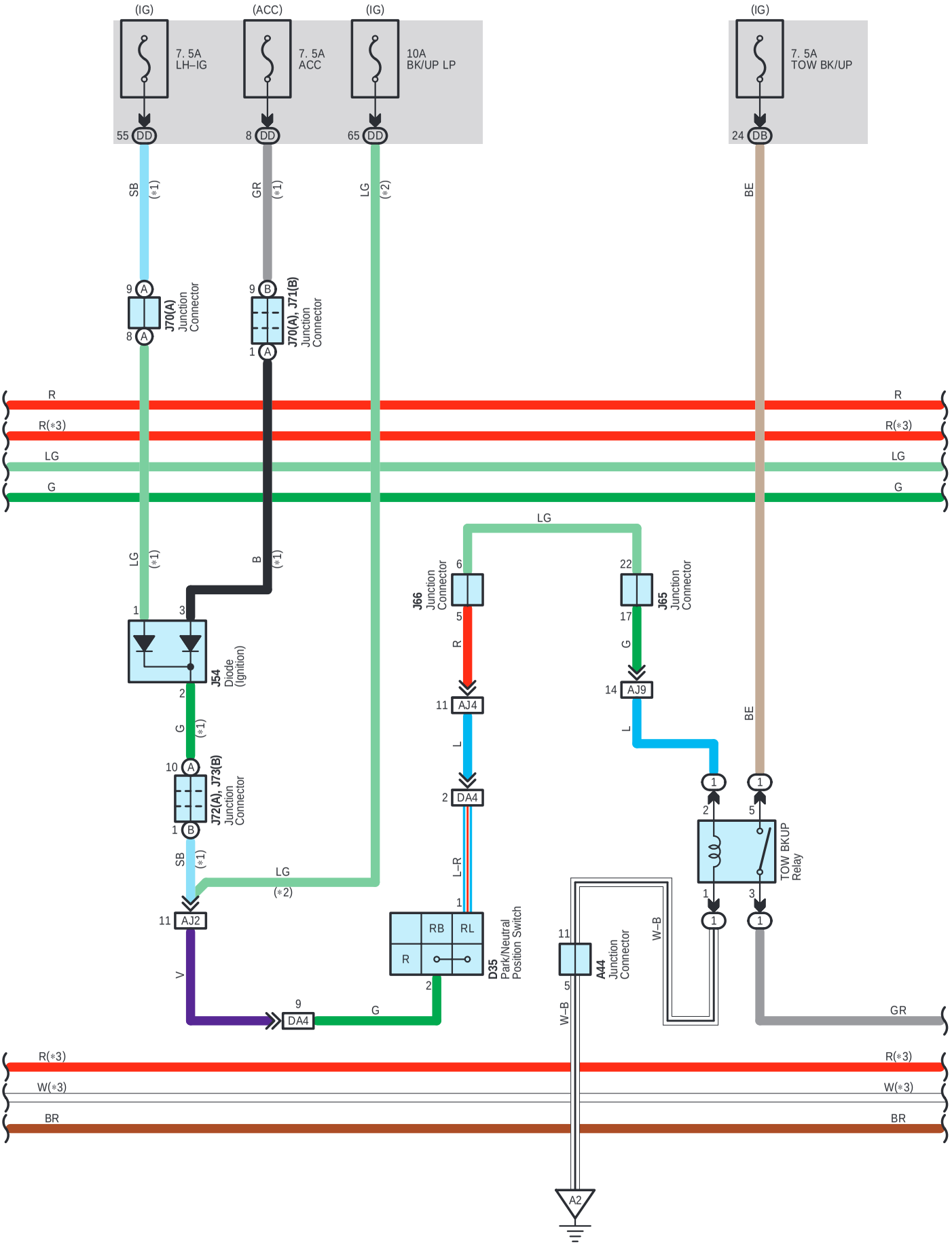

DG1
Black
1 2 3
4 5 6
3 2 1
6 5 4
PA1
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5
RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
Rb1
White
1 2
3 4
2 1
4 3

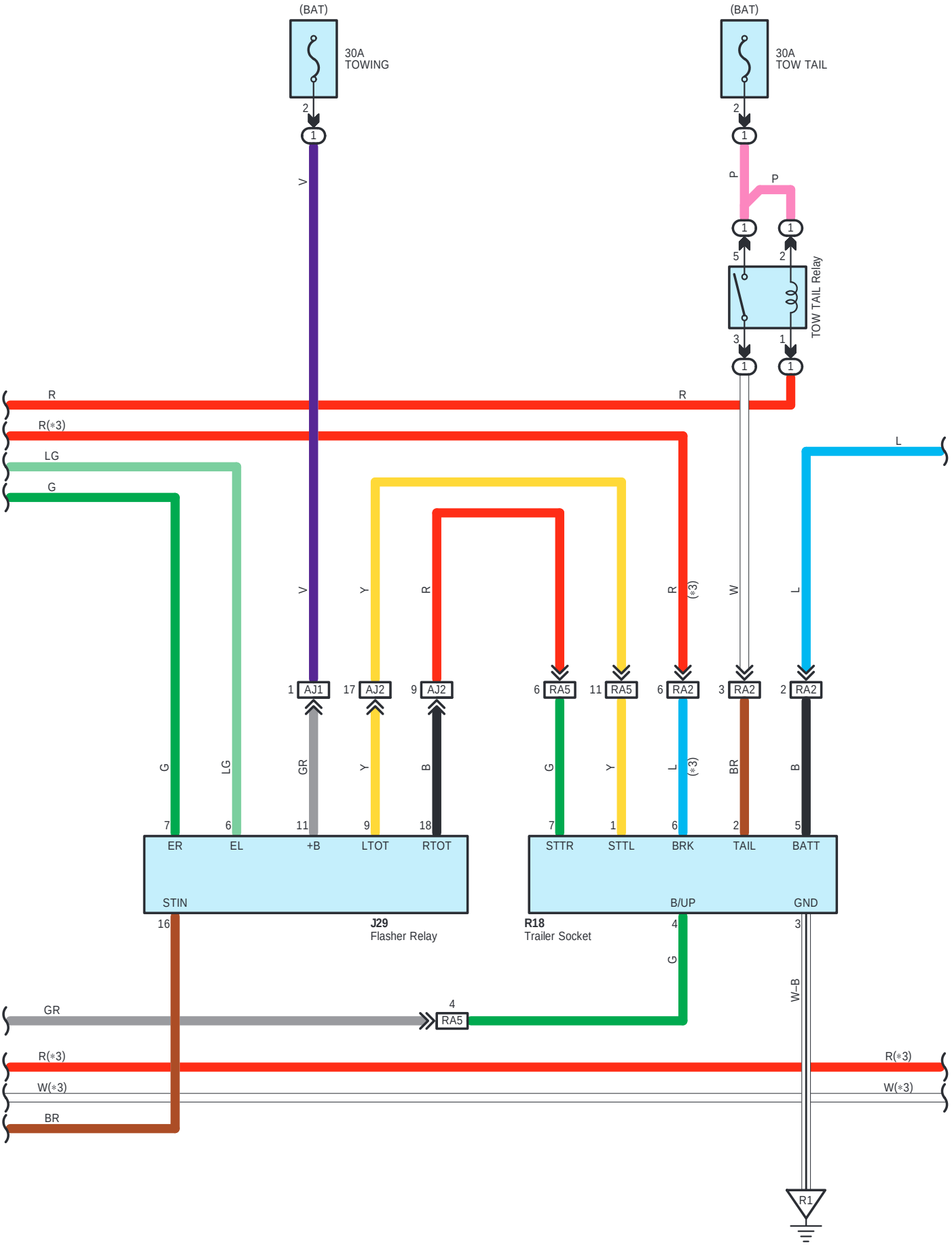


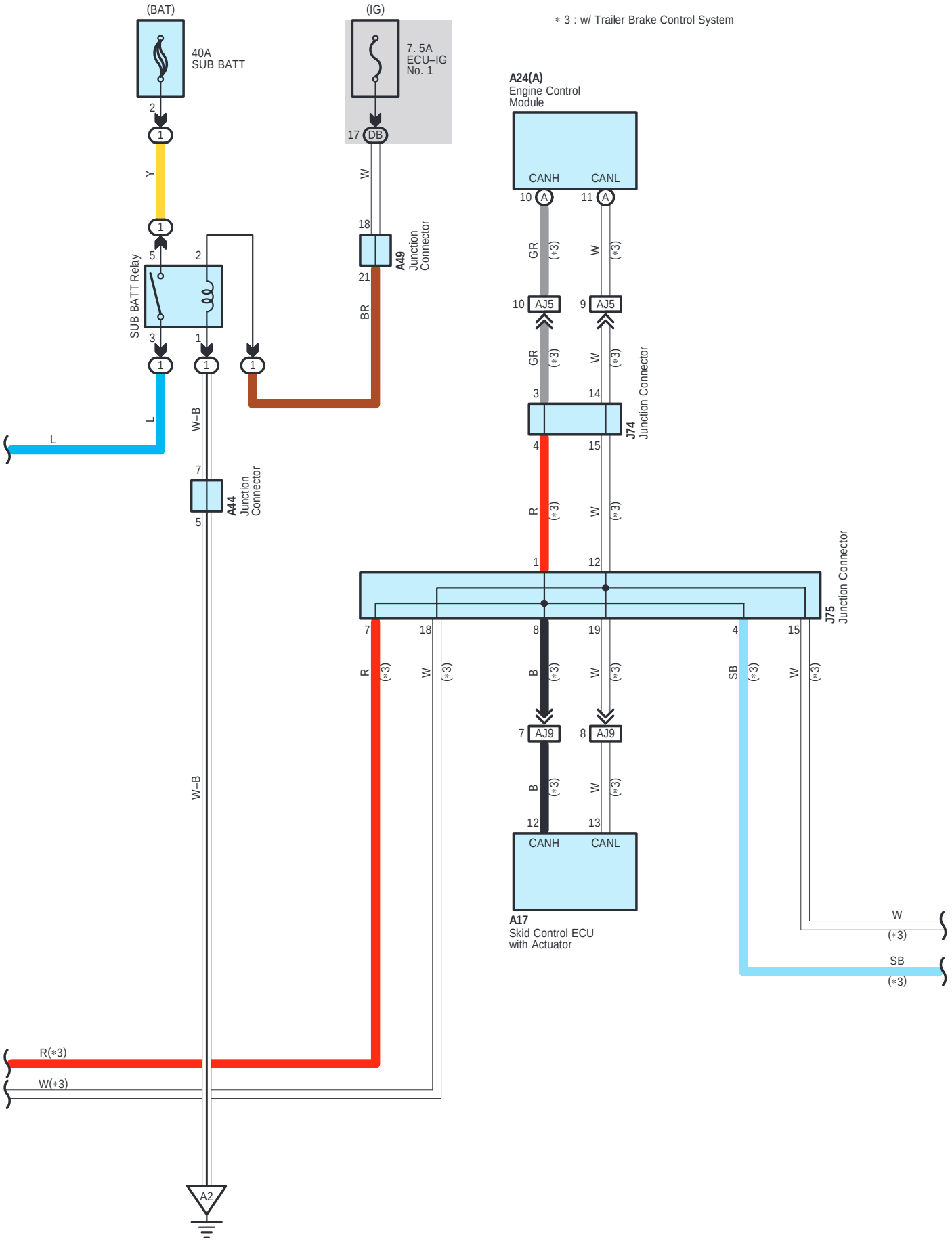
∗ 3 : w/ Trailer Brake Control System

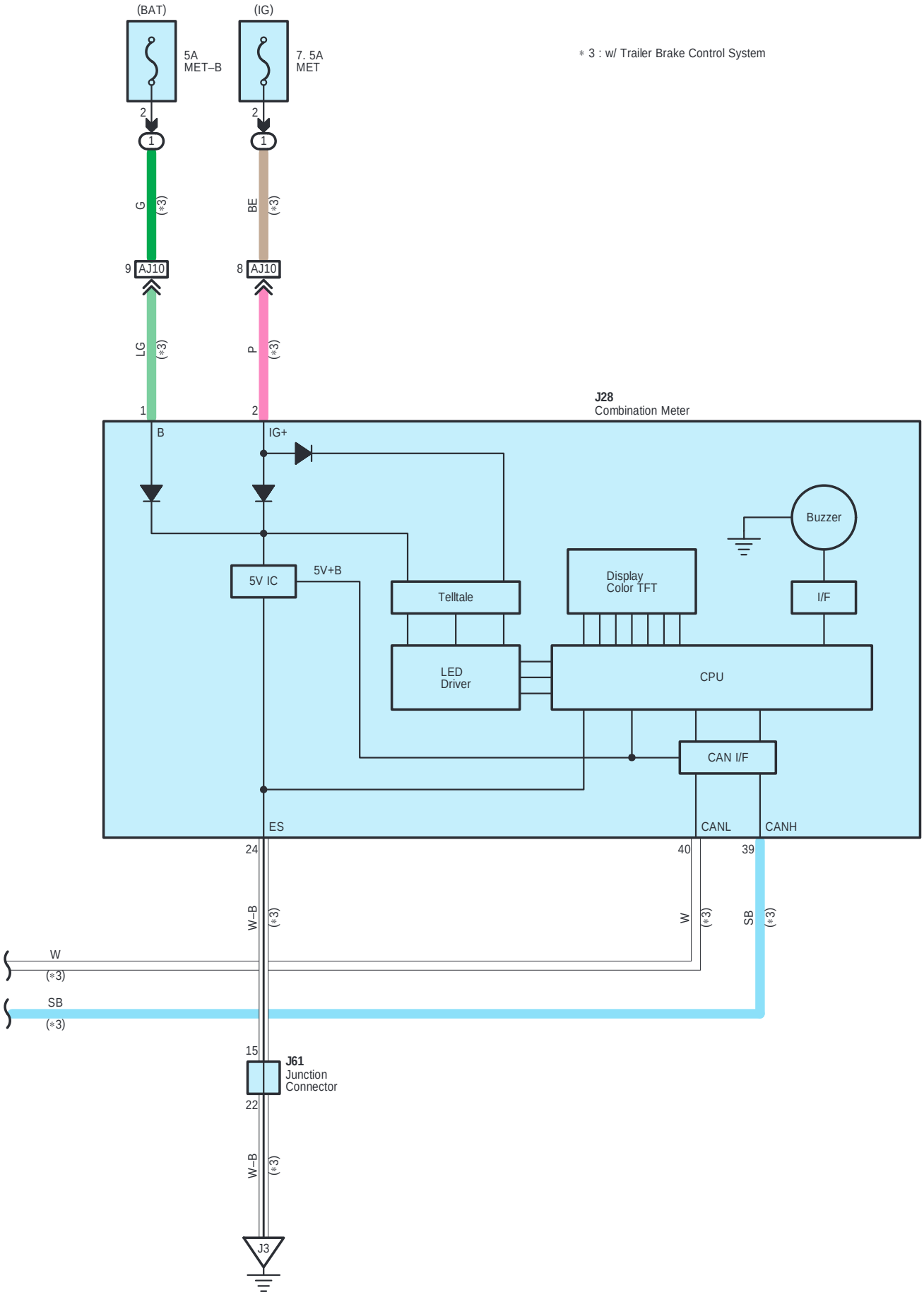

(BAT)
40A TOW BRK
(IG)
7.5A ECU-IG No. 1
(BAT)
150A LH-J/B
J4(D)
Main Body ECU
TRLY
TAIL Relay
7.5A PANEL
J72(A), J73(B) Junction Connector
J62 Junction Connector
AJ7
AJ6
(Shielded)
+B
IG
TAIL
BRK
GND
STOP
CANL
CANH
J156
Brake Control Relay with Bracket
J61 Junction Connector
J3
R
R(*3)
B
P
Y
L
G
O
W
BR
W-B
W(*3)


J4(D)
Main Body ECU
TAIL
23
D
BE
∗ 1 : Column Shift
∗ 2 : Floor Shift
∗ 3 : w/ Trailer Brake Control System
∗30 : w/ Automatic Light Control
∗31 : Canada, South America, Venezuela
∗32 : Except ∗31
R
R(∗3)
R
R(∗3)
LG
G
LG
G
18
15
13
EL
T
H
A
TL
TR
Off (∗31)
OFF (∗32)
Tail
Head
AUTO
(∗30)
RH
Off
LH
Light Control Switch
Turn Signal Switch
J10
Headlight Dimmer Switch Assembly
12
W–B
12
J60
Junction Connector
7
W–B
R(∗3)
W(∗3)
BR
R(∗3)
W(∗3)
BR
J1

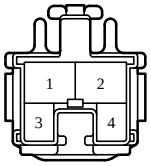

(IG)
7. 5A
LH–IG
(ACC)
7. 5A
ACC
(IG)
10A
BK/UP LP
(IG)
7. 5A
TOW BK/UP
55 DD
8 DD
65 DD
24 DB
SB (*1)
GR (*1)
LG (*2)
BE
9 A
8 A
J70(A)
Junction
Connector
9 B
1 A
J70(A), J71(B)
Junction
Connector
R
R(*3)
LG
G
LG (*1)
B (*1)
1
3
J54
Diode
(Ignition)
2
G (*1)
10 A
1 B
J72(A), J73(B)
Junction
Connector
SB (*1)
LG
(*2)
11 AJ2
V
9
DA4
G
J66
Junction
Connector
6
5
R
11 AJ4
L
2 DA4
L–R
1
RB
RL
R
2
D35
Park/Neutral
Position Switch
22
17
G
J65
Junction
Connector
14 AJ9
L
BE
1
2
5
TOW BKUP
Relay
1
3
11
5
W–B
A44
Junction
Connector
W–B
GR
R(*3)
W(*3)
BR
A2


(BAT)
30A
TOWING
(BAT)
30A
TOW TAIL
TOW TAIL Relay
R
R(*3)
LG
G
L
V
Y
R
R (*3)
W
L
P
1 AJ1
17 AJ2
9 AJ2
6 RA5
11 RA5
6 RA2
3 RA2
2 RA2
G
LG
GR
Y
B
G
Y
L (*3)
BR
B
7 ER
6 EL
11 +B
9 LTOT
18 RTOT
7 STTR
1 STTL
6 BRK
2 TAIL
5 BATT
STIN
16
J29
Flasher Relay
B/UP
4
R18
Trailer Socket
GND
3
W-B
GR
4 RA5
R(*3)
W(*3)
BR
R1

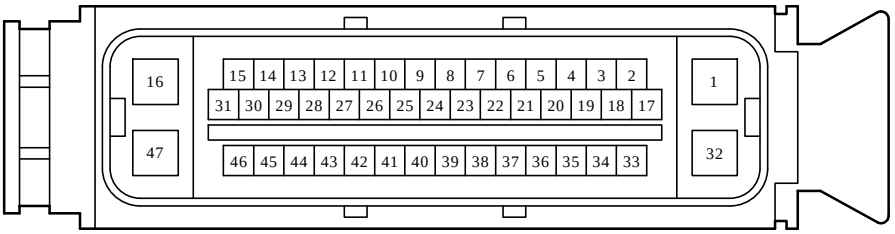

(BAT)
40A
SUB BATT
2
1
Y
1
5
2
SUB BATT Relay
3
1
1
1
1
L
L
W–B
7
A44
Junction
Connector
5
W–B
(IG)
7. 5A
ECU–IG
No. 1
17
DB
W
18
A49
Junction
Connector
21
BR
∗ 3 : w/ Trailer Brake Control System
A24(A)
Engine Control
Module
CANH
CANL
10
A
11
A
GR
(∗3)
W
(∗3)
10
AJ5
9
AJ5
GR
(∗3)
W
(∗3)
3
14
J74
Junction Connector
4
15
R
(∗3)
W
(∗3)
1
12
J75
Junction Connector
7
18
8
19
4
15
R
(∗3)
W
(∗3)
B
(∗3)
W
(∗3)
SB
(∗3)
W
(∗3)
7
AJ9
8
AJ9
B
(∗3)
W
(∗3)
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
W
(∗3)
SB
(∗3)
R(∗3)
W(∗3)
A2


(BAT)
(IG)
5A
MET–B
7. 5A
MET
∗ 3 : w/ Trailer Brake Control System
2
1
G
(∗3)
BE
(∗3)
9 AJ10
8 AJ10
LG
(∗3)
P
(∗3)
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display
Color TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
(∗3)
W
(∗3)
SB
(∗3)
W
(∗3)
SB
(∗3)
15
J61
Junction
Connector
22
W–B
(∗3)
J3

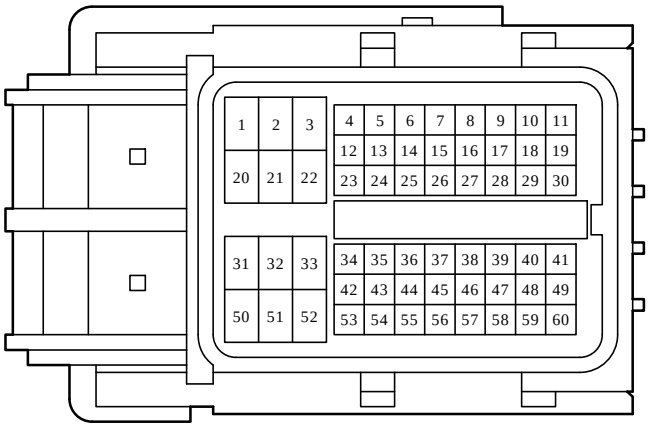
A 4
White



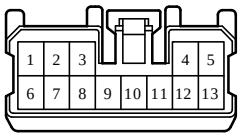
A 17
Black



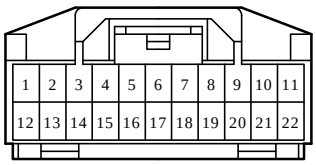
A 24
Black



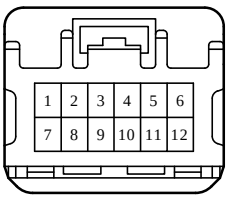
A 44
White



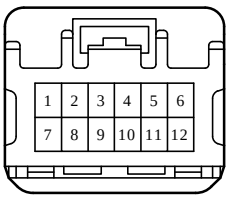
A 49
White



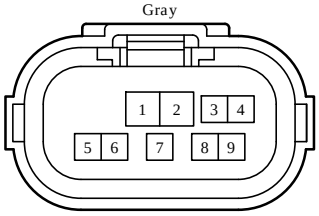
A 50
White



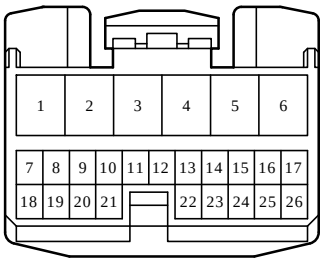
A 51
Black



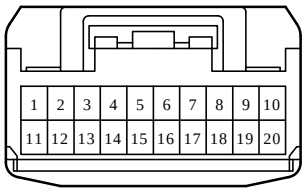
D 35
Gray



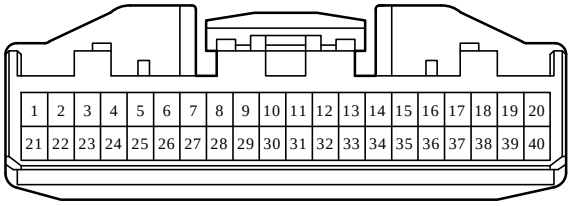
J 4
White



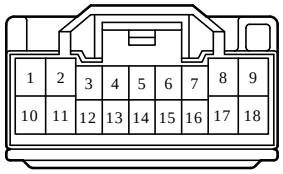
J 10
White



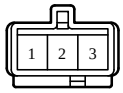
J 28
Black



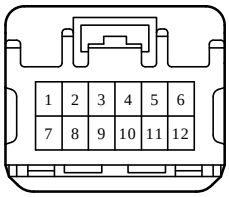
J 29
White



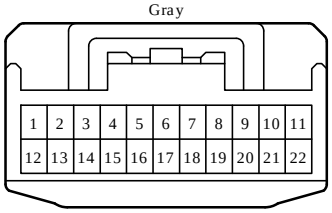
J 54
Orange



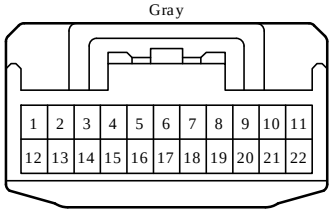
J 60
White



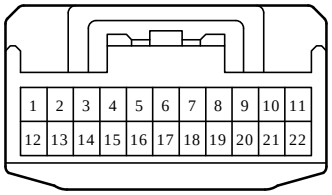
J 61
Gray



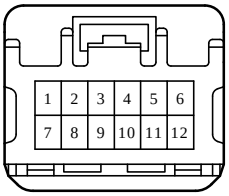
J 62
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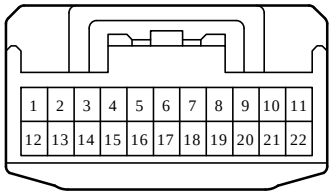
J 65
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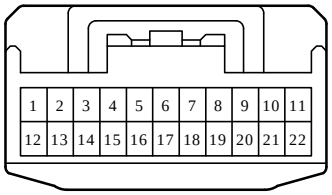
J 66
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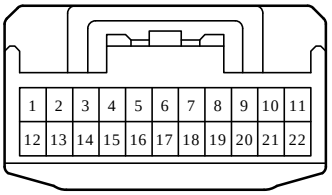
J 70
Blue



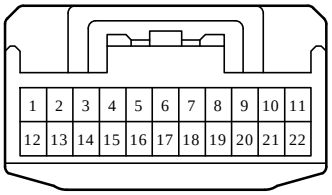
J 71
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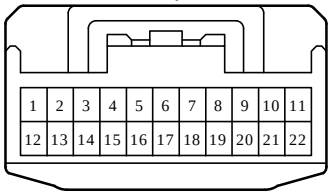
J 72
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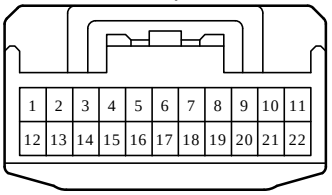
J 73
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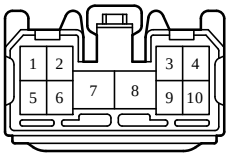
J 74
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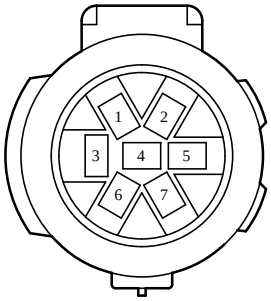
J 75
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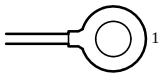
J156
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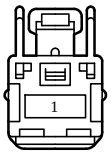
R 18
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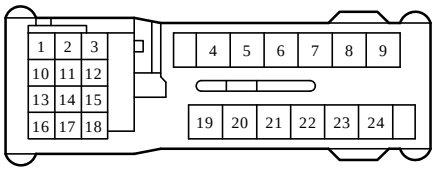
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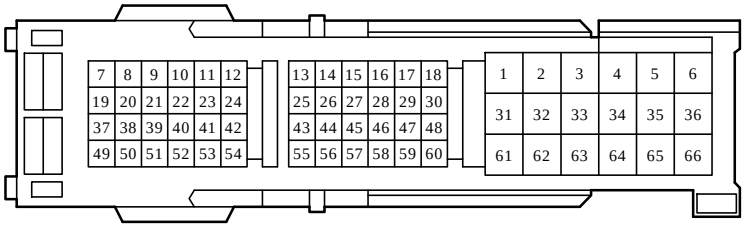
DA
White



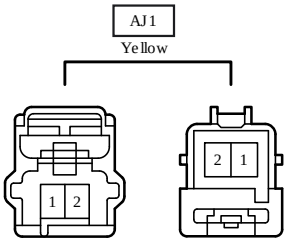
DB
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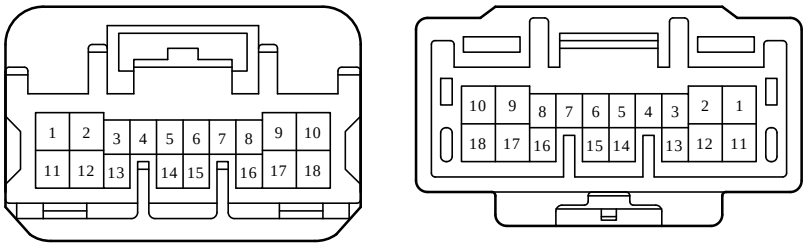
DD
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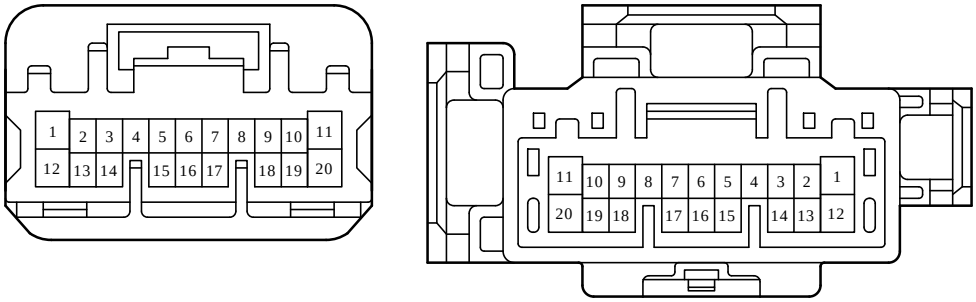
AJ1
Yellow



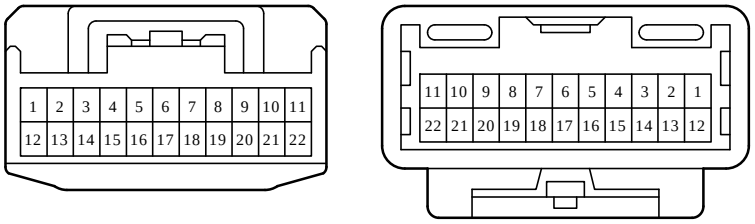
AJ2
Gray



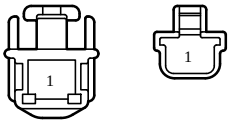
AJ4
White



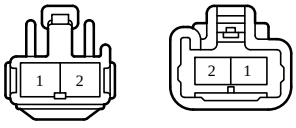
AJ5
Gray



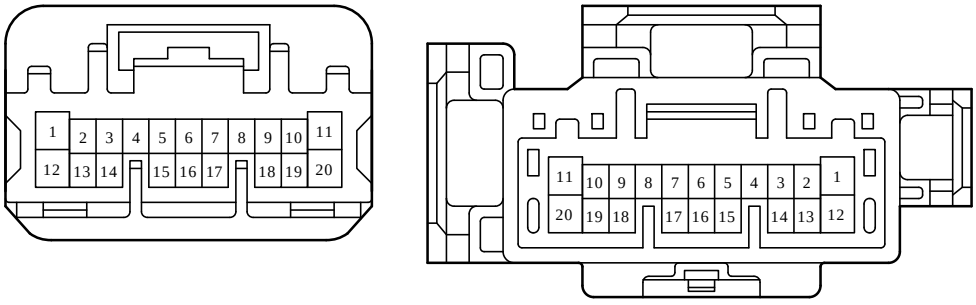
AJ6
White



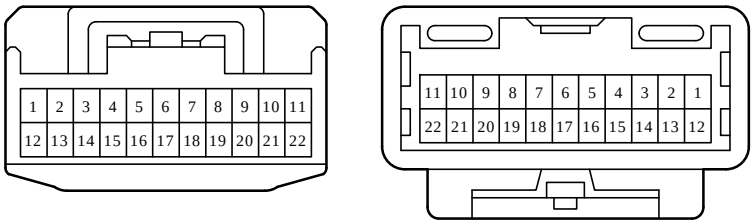
AJ7
Gray



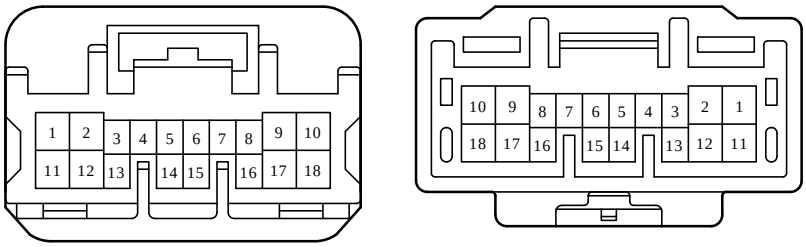
AJ9
White



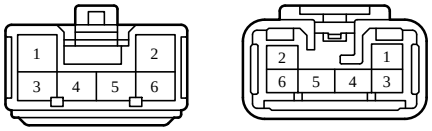
AJ10
Gray



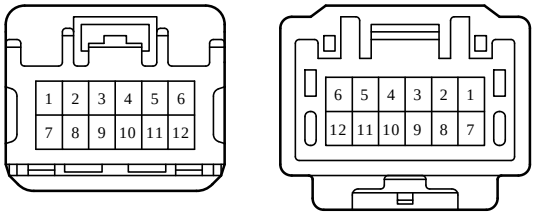
DA4
Gray

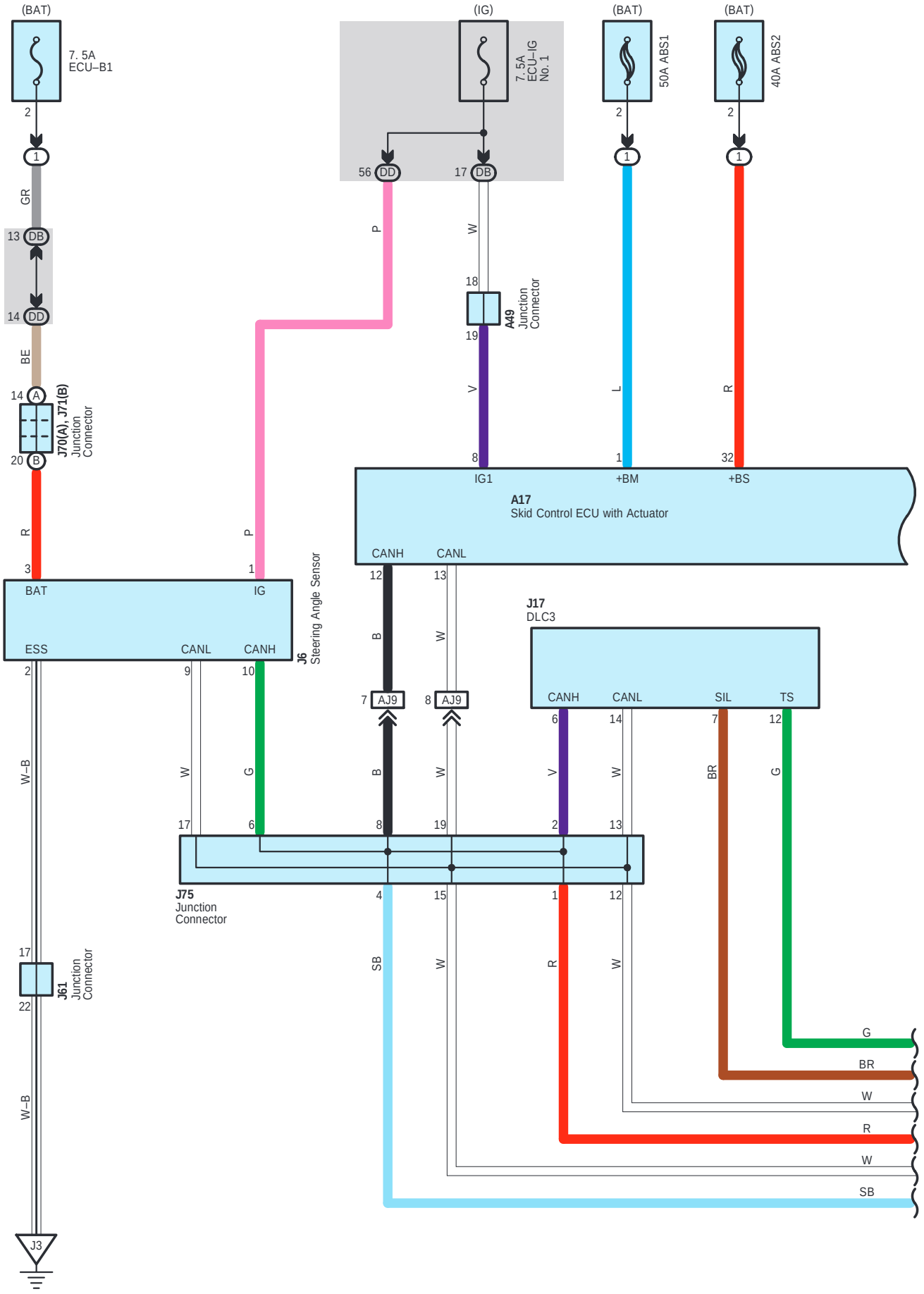


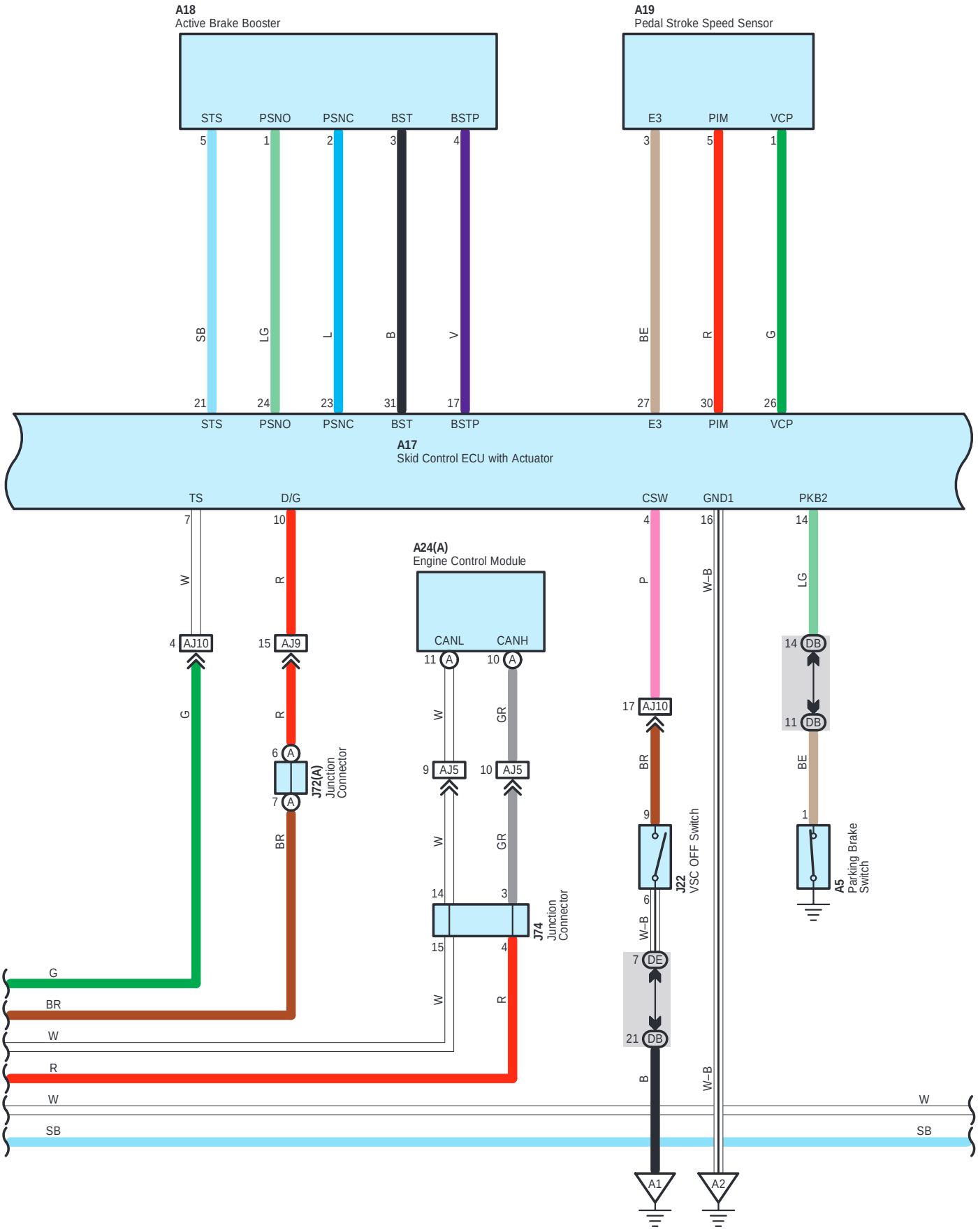
RA2
White

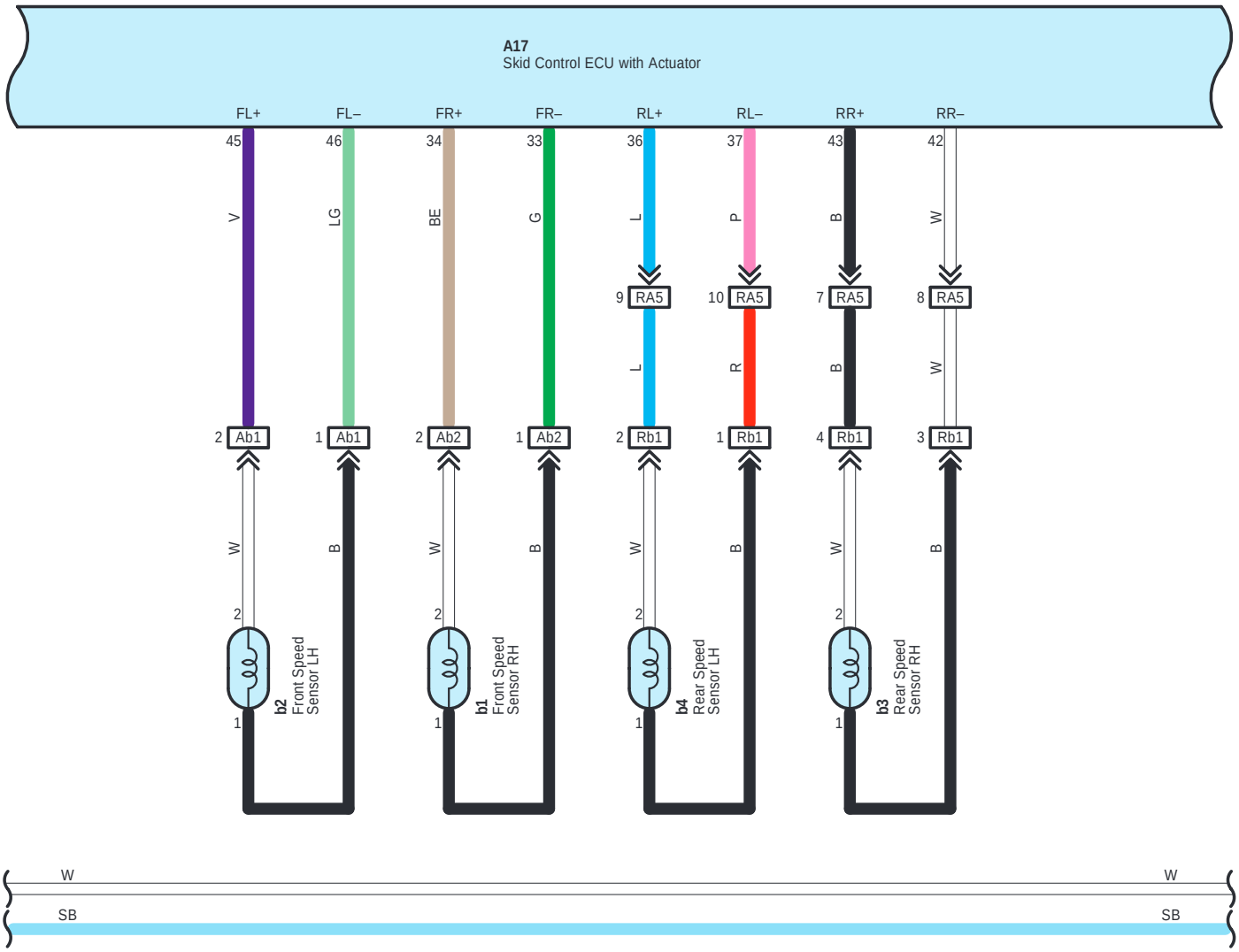


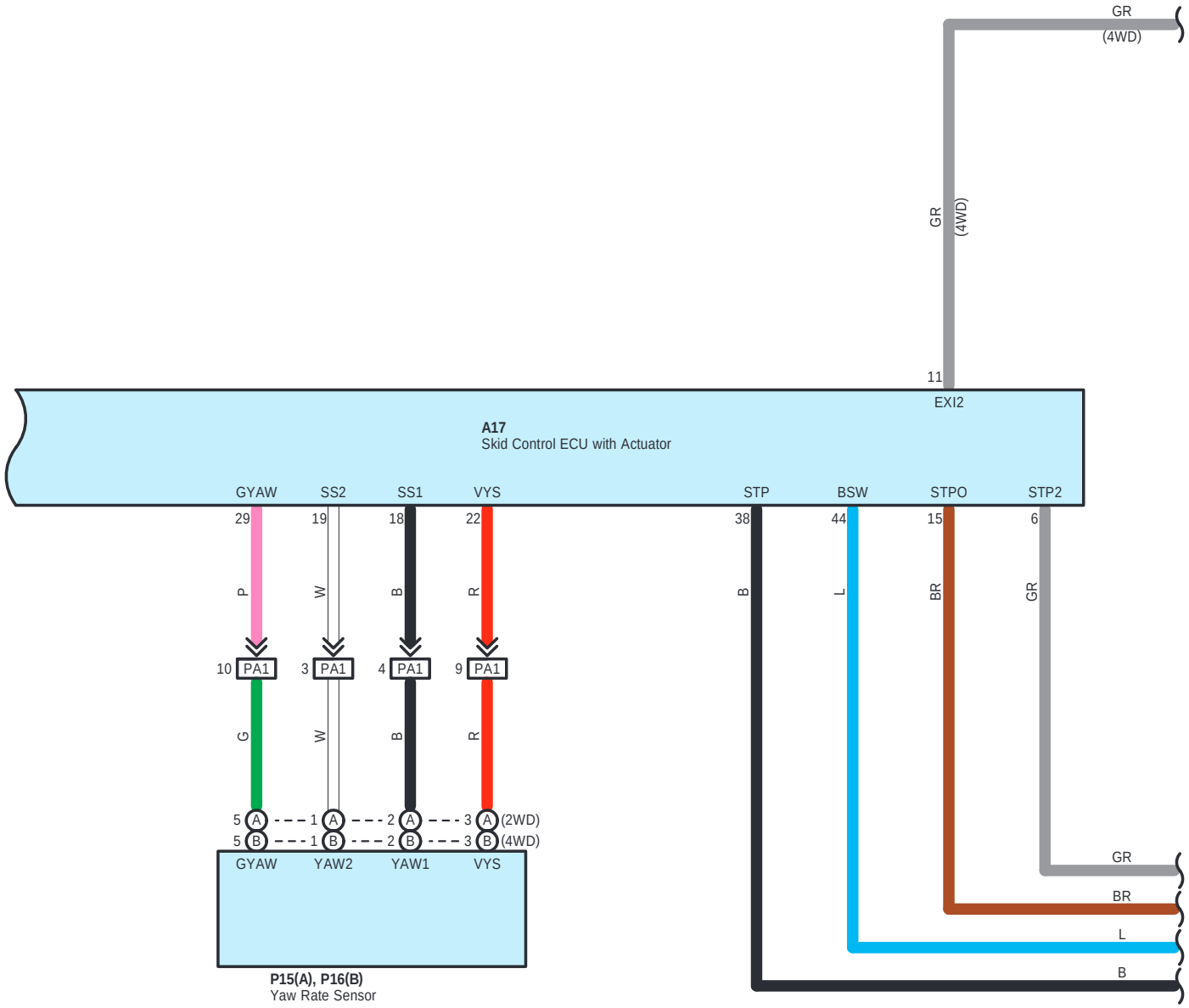
RA5
Gray

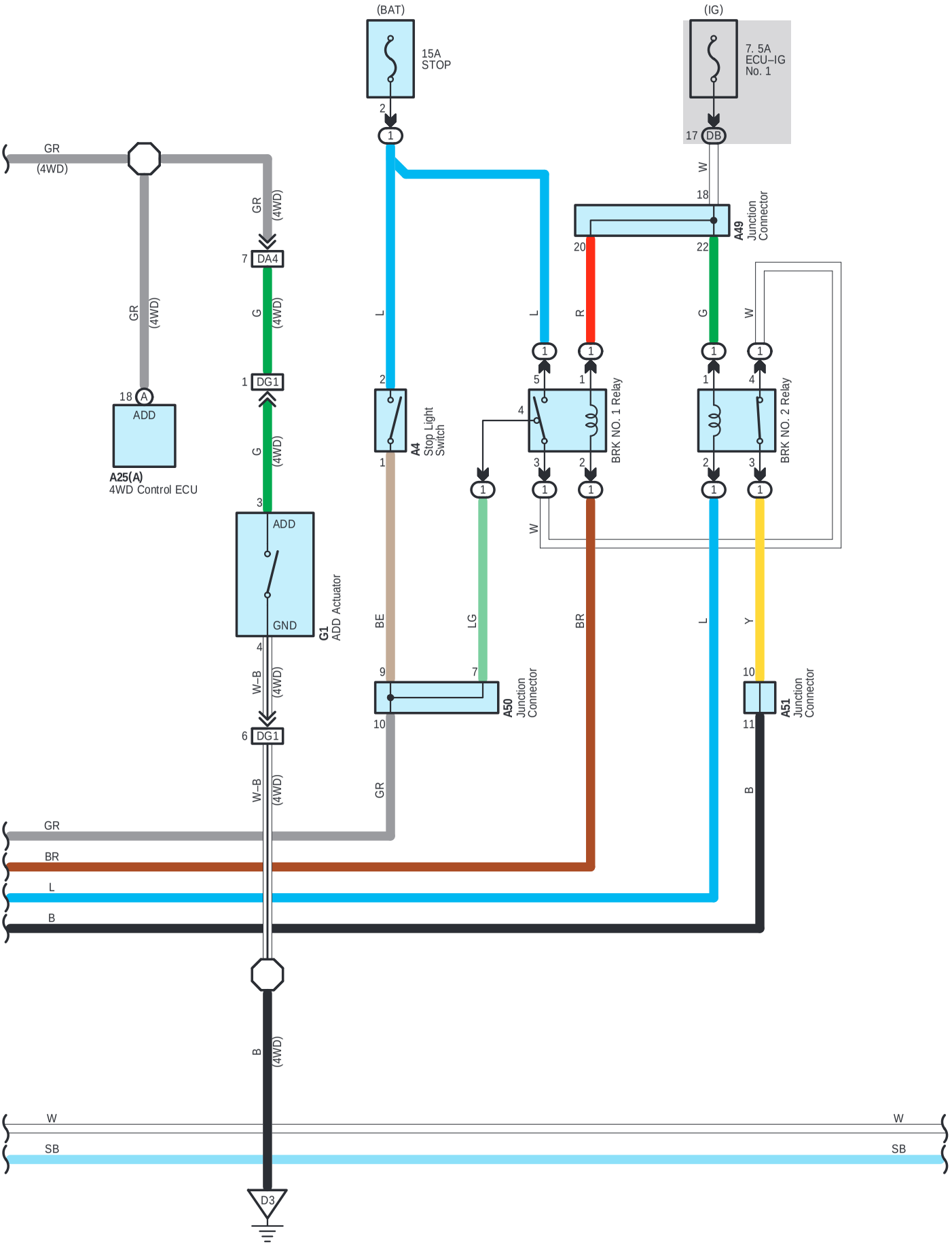


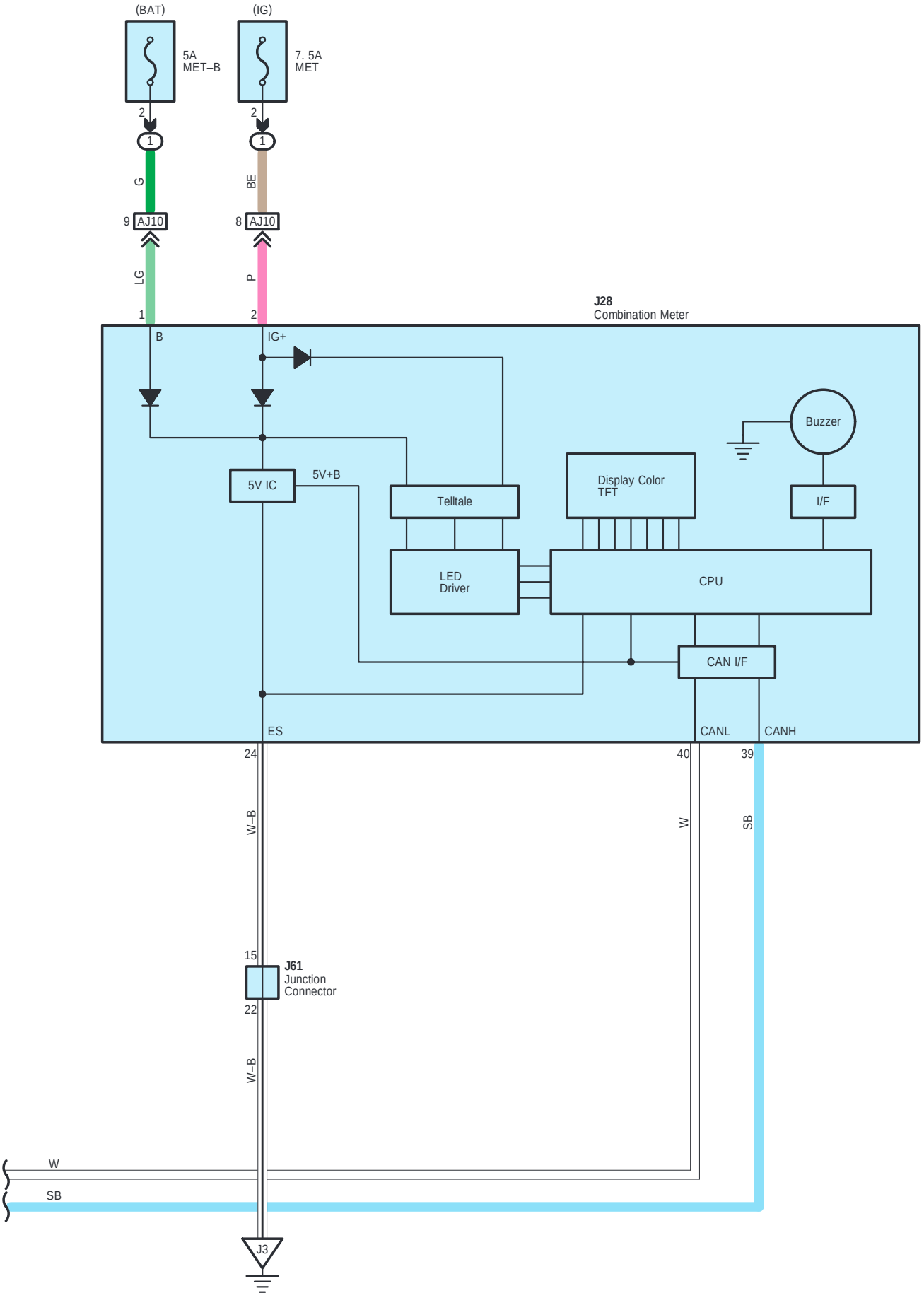

(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
14 DD
BE
14 A
20 B
J70(A), J71(B)
Junction
Connector
R
3
BAT
ESS
2
W–B
17
22
J61
Junction
Connector
W–B
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
17 DB
P
W
18
19
A49
Junction
Connector
V
8
IG1
P
1
IG
CANH
12
B
7 AJ9
CANL
13
W
8 AJ9
CANL
9
W
17
CANH
10
G
6
J6
Steering Angle Sensor
(BAT)
50A ABS1
2
1
L
1
+BM
(BAT)
40A ABS2
2
1
R
32
+BS
A17
Skid Control ECU with Actuator
J17
DLC3
CANH
6
V
CANL
14
W
SIL
7
BR
TS
12
G
J75
Junction
Connector
4
SB
15
W
1
R
12
W
G
BR
W
R
W
SB


A18
Active Brake Booster
STS
PSNO
PSNC
BST
BSTP
5
1
2
3
4
SB
LG
L
B
V
21
24
23
31
17
A19
Pedal Stroke Speed Sensor
E3
PIM
VCP
3
5
1
BE
R
G
27
30
26
A17
Skid Control ECU with Actuator
TS
D/G
CSW
GND1
PKB2
7
10
4
16
14
W
R
P
W-B
LG
4 AJ10
15 AJ9
17 AJ10
14 DB
11 DB
G
R
BR
BE
6 A
7 A
J72(A)
Junction
Connector
A24(A)
Engine Control Module
CANL
CANH
11 A
10 A
9 AJ5
10 AJ5
W
GR
14
3
15
4
J74
Junction
Connector
9
6
7 DE
21 DB
J22
VSC OFF Switch
1
A5
Parking Brake
Switch
B
A1
A2
G
BR
W
R
W
SB
W
SB

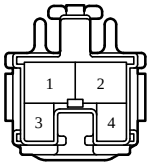

A17
Skid Control ECU with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
9 RA5
10 RA5
7 RA5
8 RA5
L
R
B
W
2 Ab1
1 Ab1
2 Ab2
1 Ab2
2 Rb1
1 Rb1
4 Rb1
3 Rb1
W
B
W
B
W
B
W
B
2
2
2
2
b2
Front Speed Sensor LH
b1
Front Speed Sensor RH
b4
Rear Speed Sensor LH
b3
Rear Speed Sensor RH
1
1
1
1
W
W
SB
SB


GR
(4WD)
GR
(4WD)
11
EXI2
A17
Skid Control ECU with Actuator
GYAW
SS2
SS1
VYS
STP
BSW
STPO
STP2
29
19
18
22
38
44
15
6
P
W
B
R
B
L
BR
GR
10 PA1
3 PA1
4 PA1
9 PA1
G
W
B
R
5 A 1 A 2 A 3 A (2WD)
5 B 1 B 2 B 3 B (4WD)
GYAW
YAW2
YAW1
VYS
P15(A), P16(B)
Yaw Rate Sensor
GR
BR
L
B
W
W
SB
SB


(BAT)
15A
STOP
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
G
W
GR
(4WD)
GR
(4WD)
7 DA4
G
(4WD)
1 DG1
G
(4WD)
3
ADD
GND
G1
ADD Actuator
4
W–B
(4WD)
6 DG1
W–B
(4WD)
18 A
ADD
A25(A)
4WD Control ECU
L
2
1
A4
Stop Light
Switch
BE
9
10
GR
L
5
4
1
3
2
BRK NO. 1 Relay
R
BR
W
LG
7
A50
Junction
Connector
L
1
4
2
3
BRK NO. 2 Relay
L
Y
10
11
A51
Junction
Connector
B
GR
BR
L
B
B
(4WD)
W
SB
W
SB
D3


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

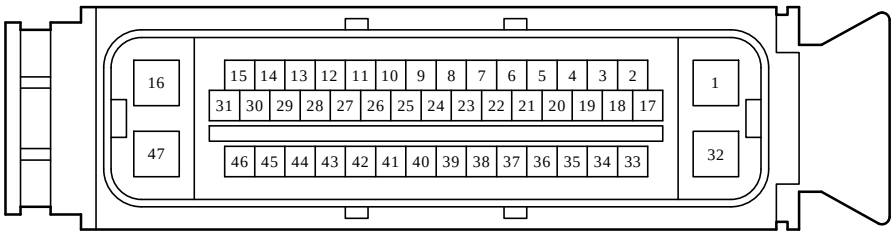
A 4
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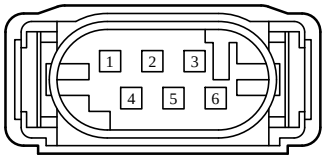
A 5
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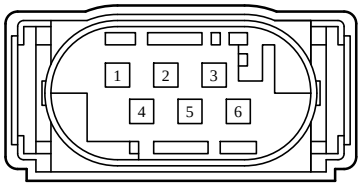
A 17
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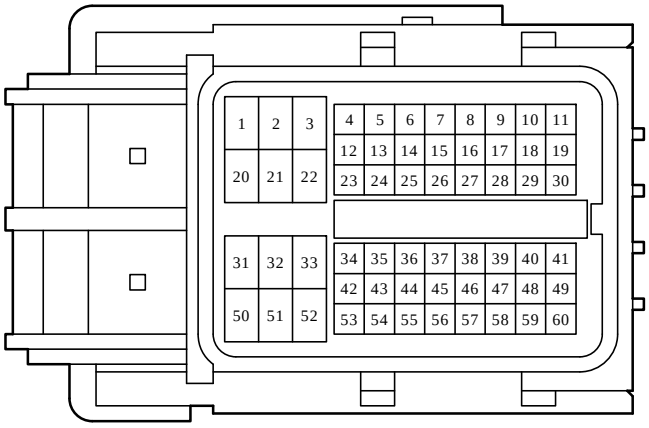
A 18
Black



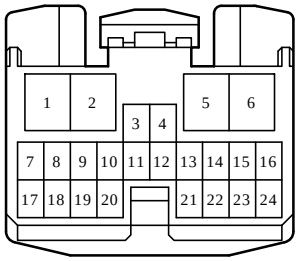
A 19
Black



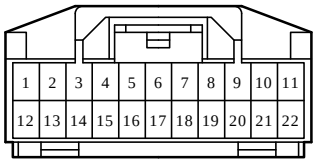
A 24
Black



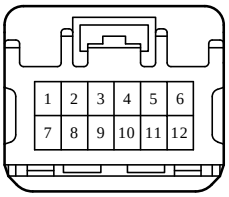
A 25
Black



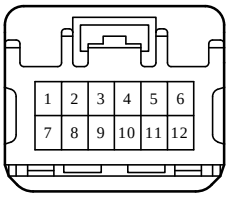
A 49
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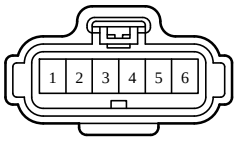
A 50
White



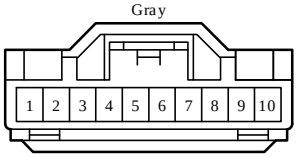
A 51
Black



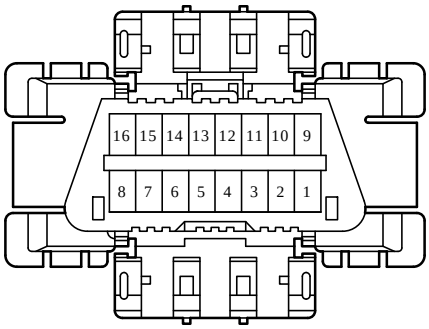
G 1
Black



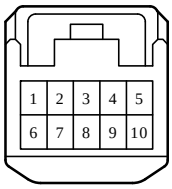
J 6
Gray



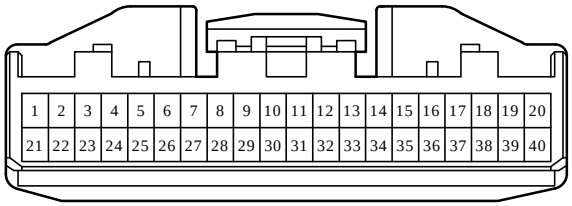
J 17
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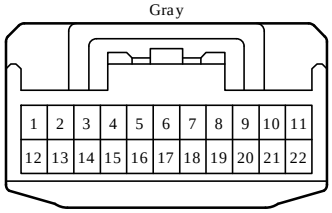
J 22
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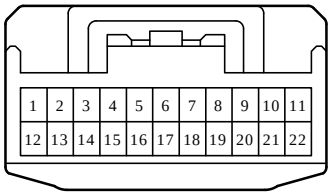
J 28
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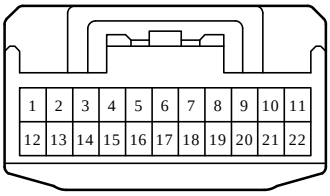
J 61
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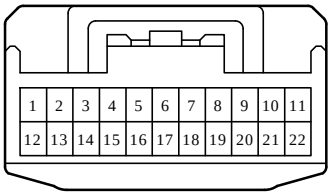
J 70
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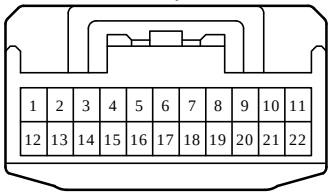
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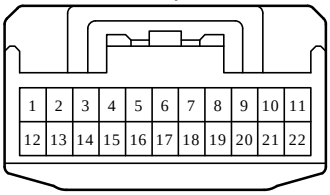
J 72
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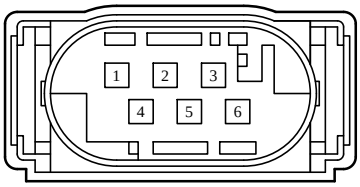
J 74
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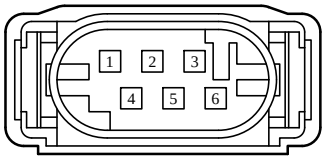
J 75
Gray



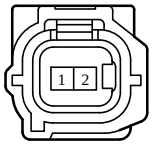
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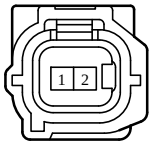
P 16
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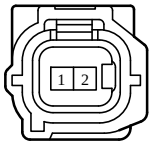
b 1
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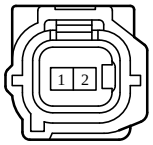
b 2
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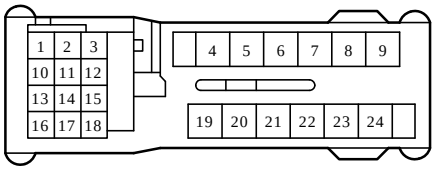
b 3
Black



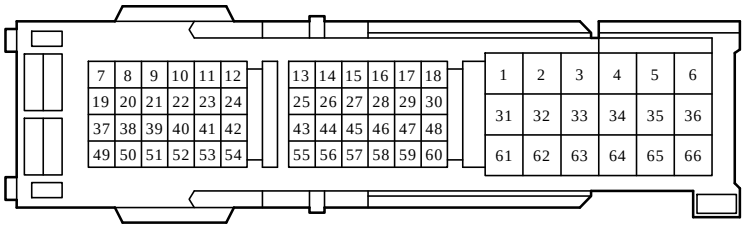
b 4
Black



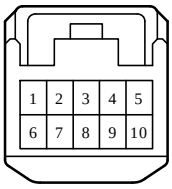
DB
White



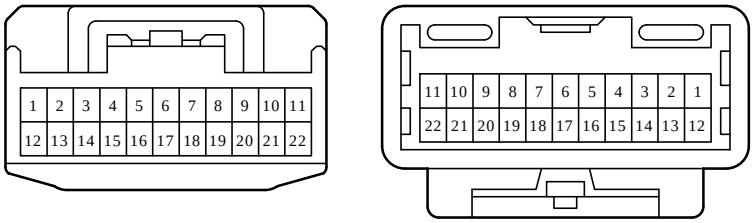
DD
White



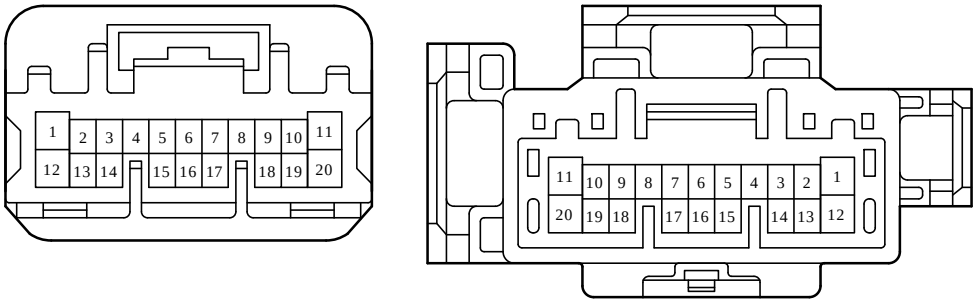
DE
White



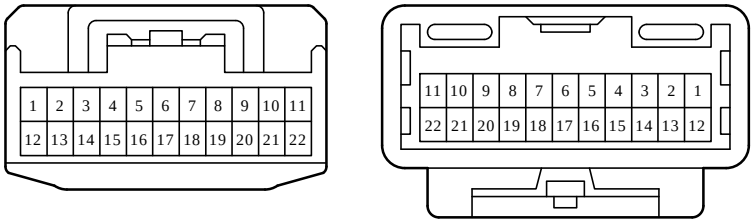
AJ5
Gray



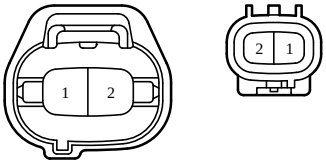
AJ9
White



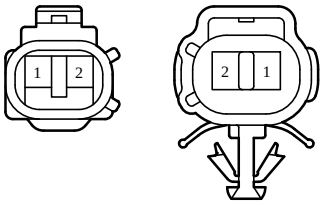
AJ10
Gray



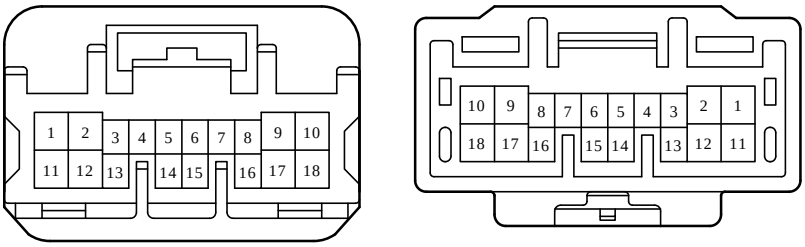
Ab1
Gray

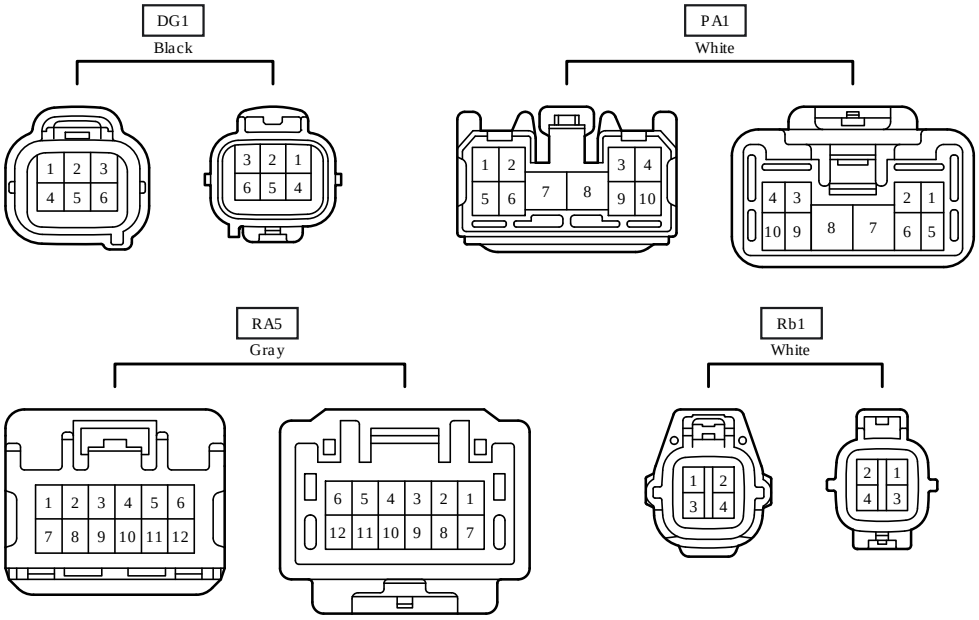


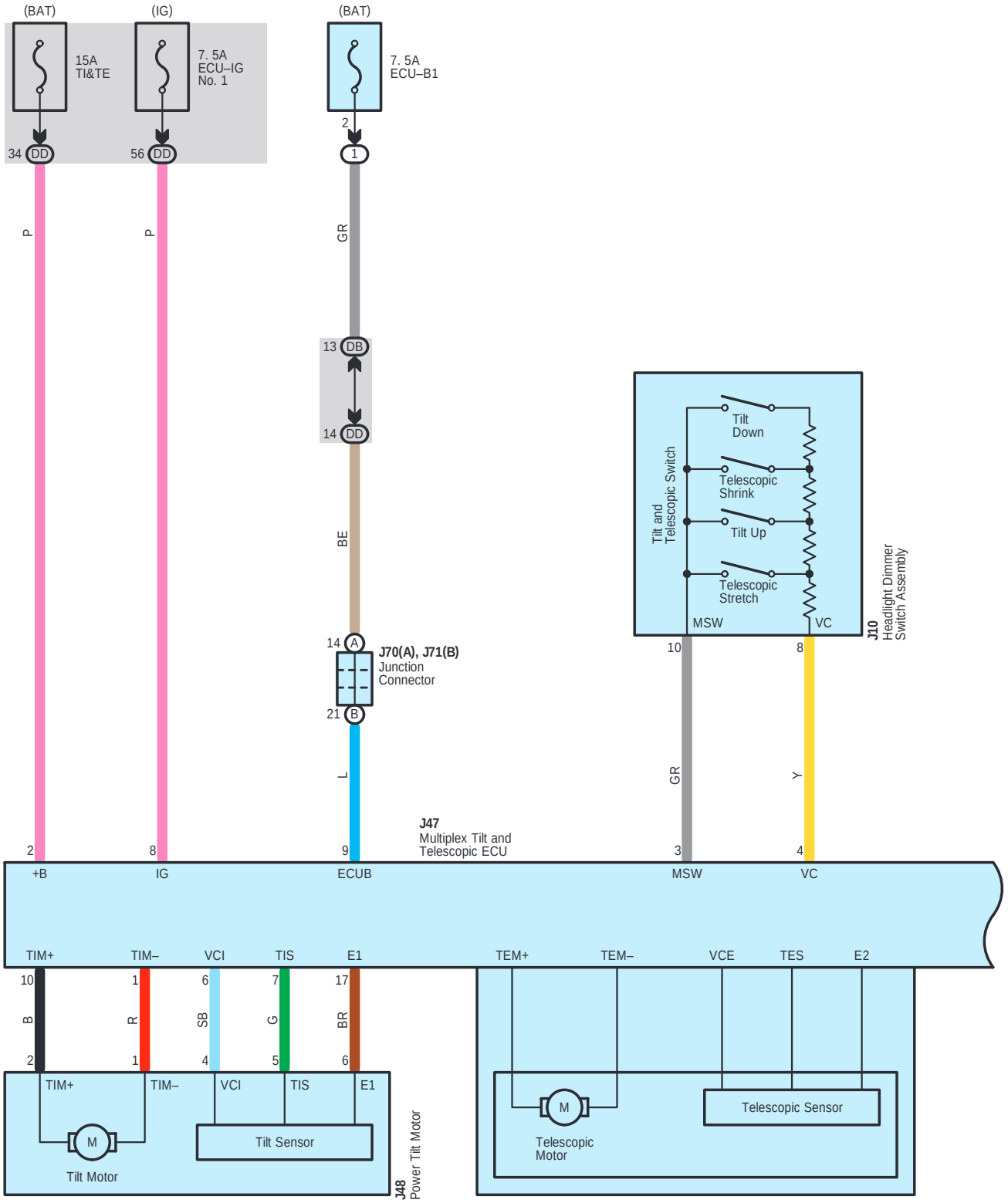
Ab2
Gray

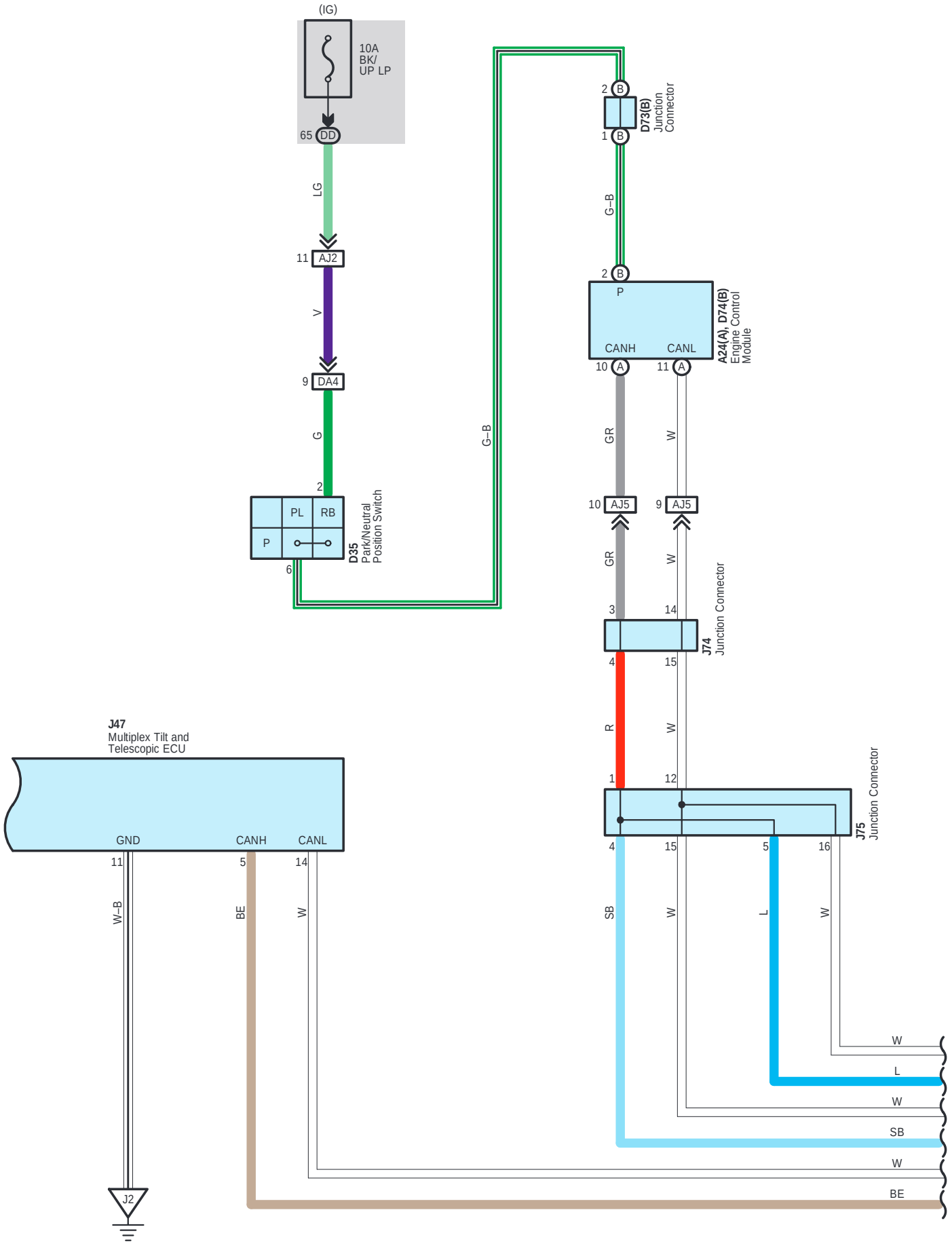


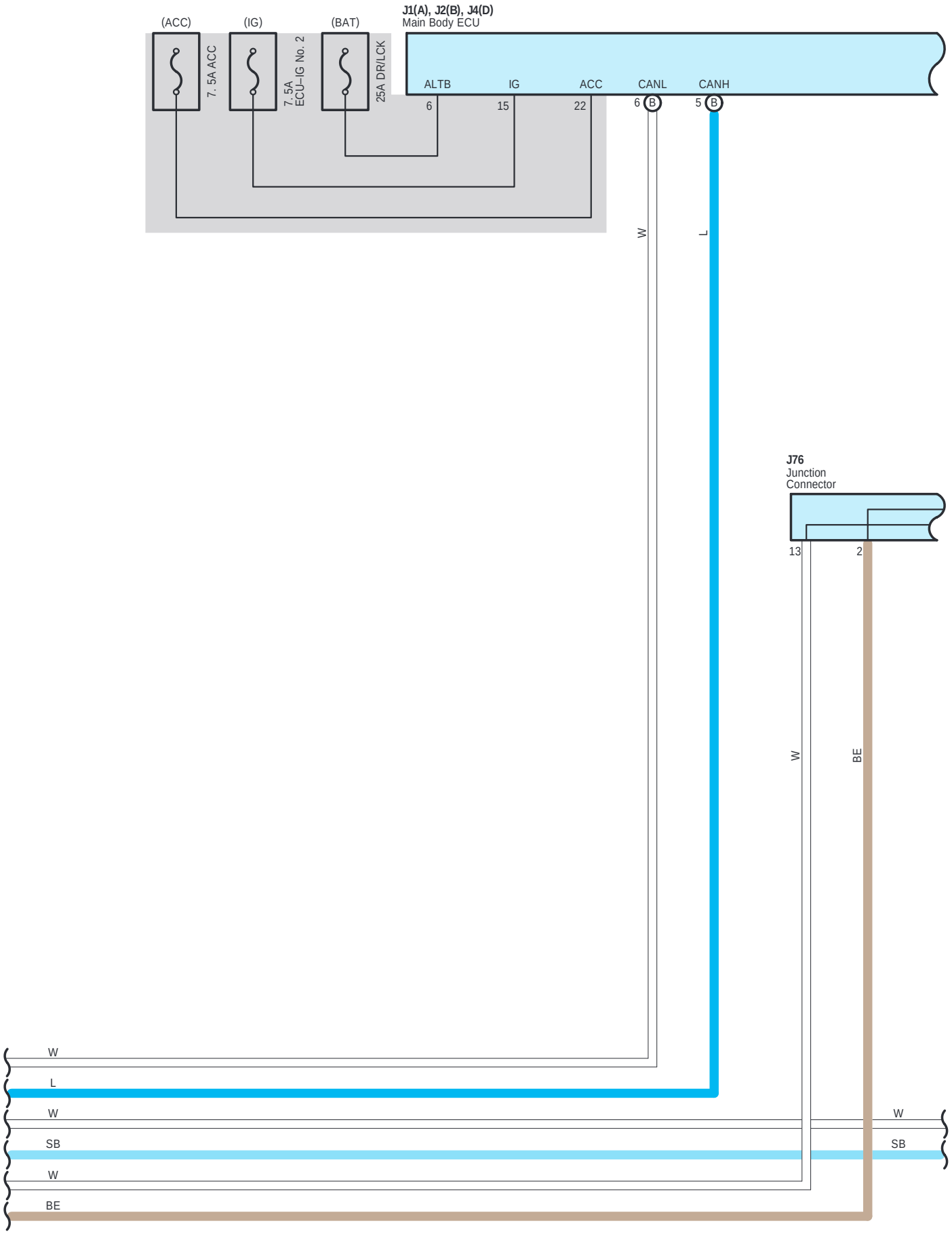
DA4
Gray

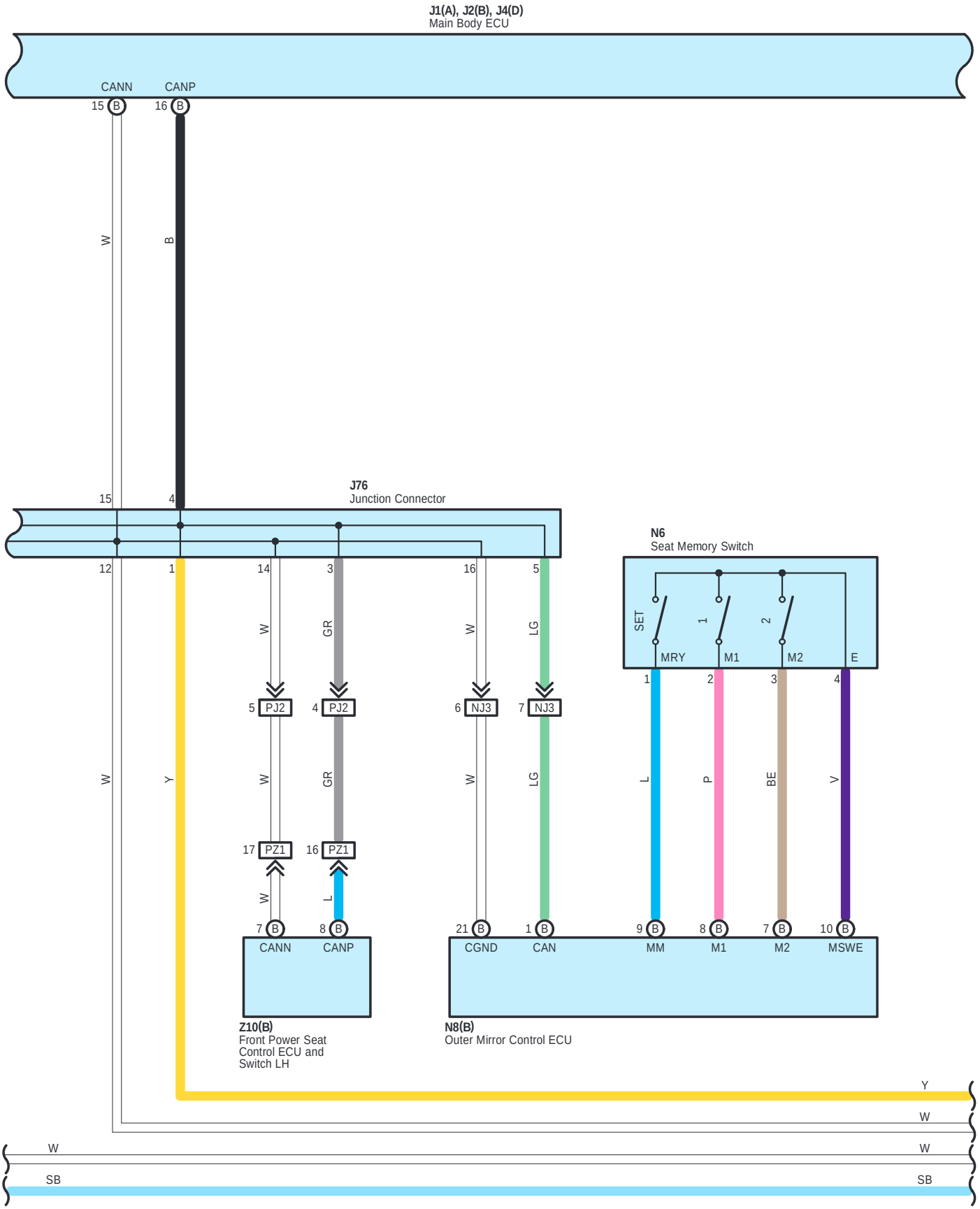


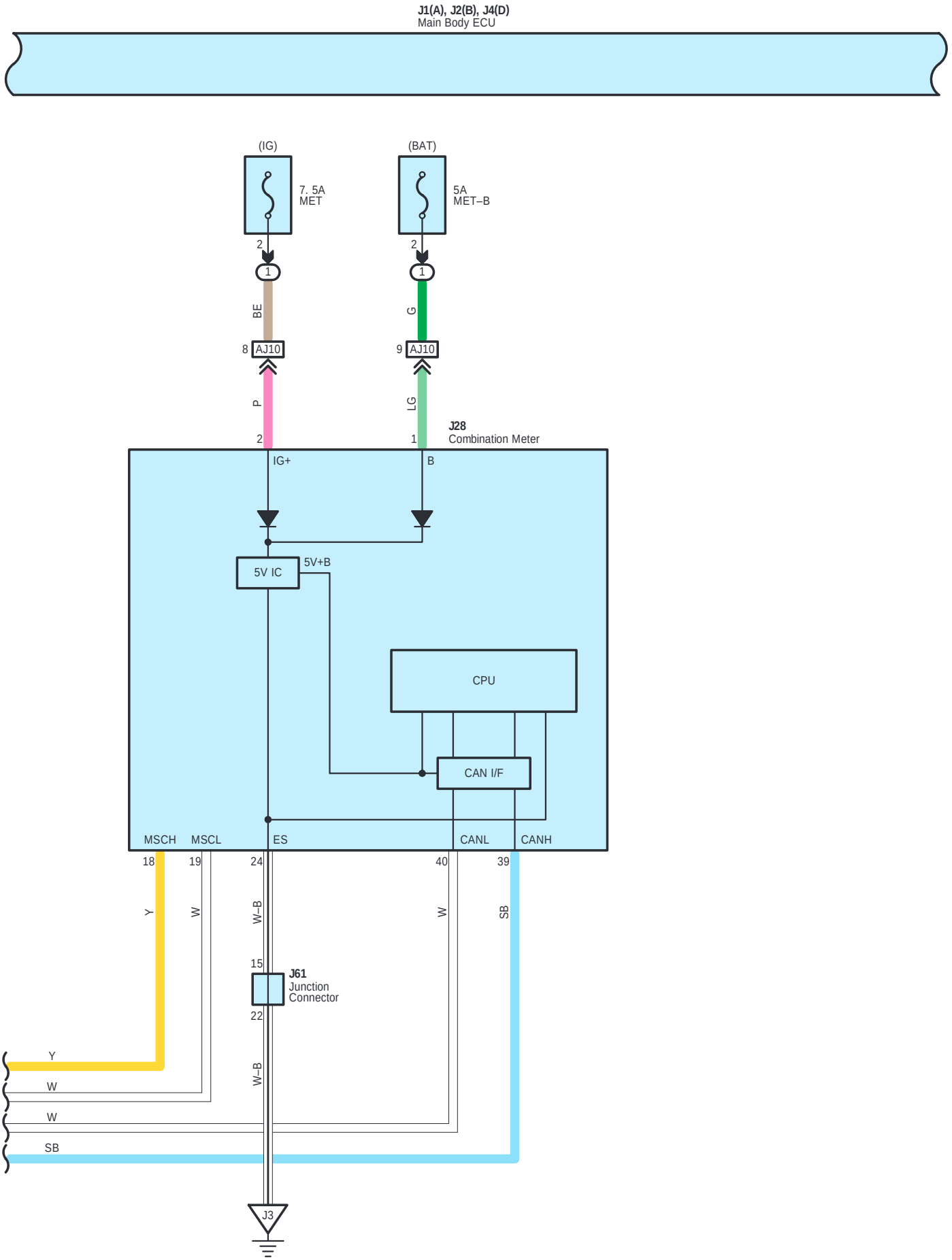

DG1
Black
1 2 3
4 5 6
3 2 1
6 5 4
PA1
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5
RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
Rb1
White
1 2
3 4
2 1
4 3

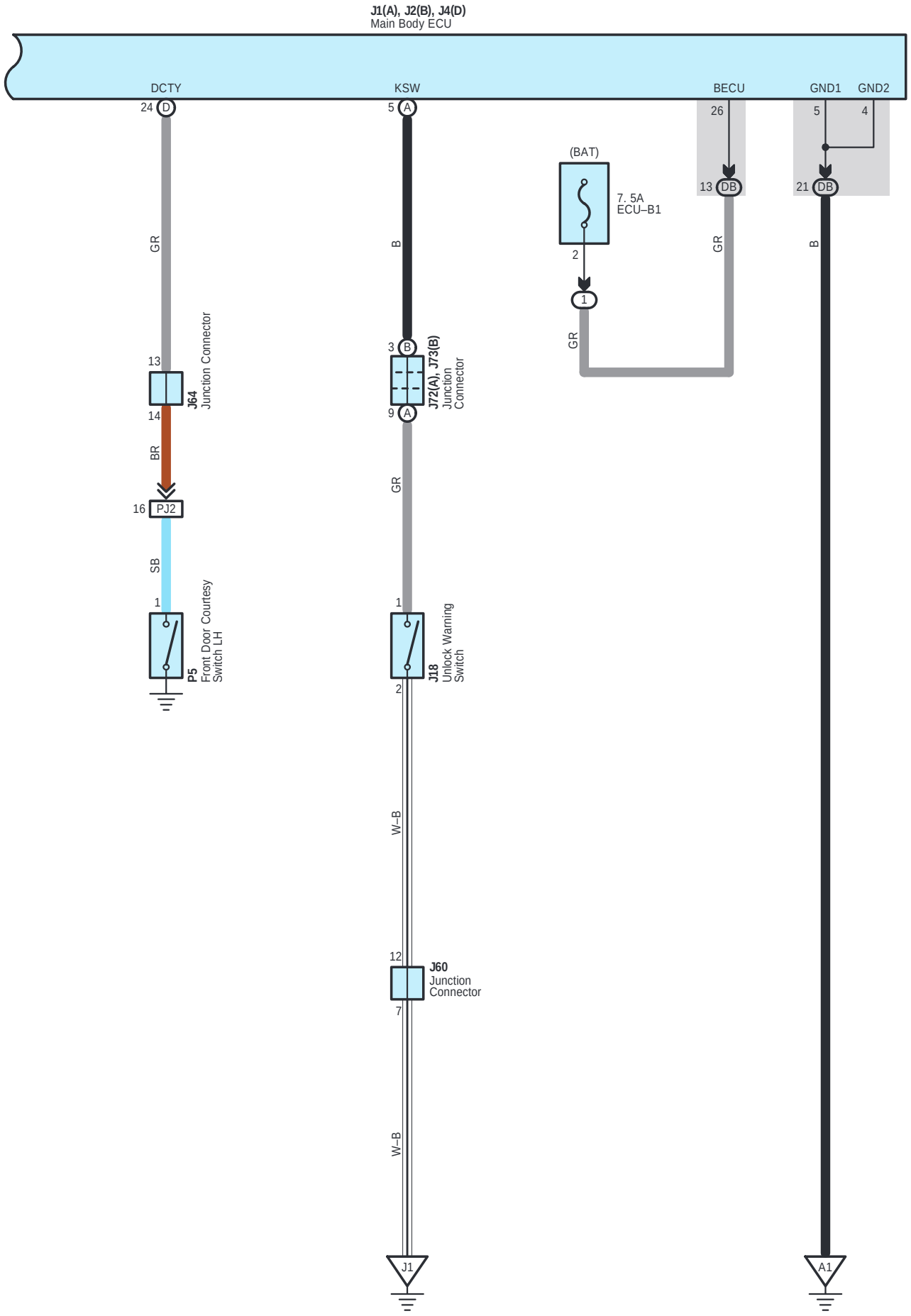

(BAT)
(IG)
(BAT)
15A
TI&TE
7. 5A
ECU–IG
No. 1
7. 5A
ECU–B1
34 DD
56 DD
2
1
P
P
GR
13 DB
14 DD
BE
Tilt
Down
Telescopic
Shrink
Tilt Up
Telescopic
Stretch
Tilt and
Telescopic Switch
MSW
VC
J10
Headlight Dimmer
Switch Assembly
14 A
J70(A), J71(B)
Junction
Connector
21 B
L
10
8
GR
Y
J47
Multiplex Tilt and
Telescopic ECU
2
8
9
3
4
+B
IG
ECUB
MSW
VC
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
10
1
6
7
17
B
R
SB
G
BR
2
1
4
5
6
TIM+
TIM–
VCI
TIS
E1
M
Tilt Motor
Tilt Sensor
J48
Power Tilt Motor
M
Telescopic
Motor
Telescopic Sensor


(IG)
10A
BK/
UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
PL
RB
P
6
D35
Park/Neutral
Position Switch
G–B
2 B
1 B
D73(B)
Junction
Connector
G–B
2 B
P
CANH
CANL
10 A
11 A
A24(A), D74(B)
Engine Control
Module
GR
W
10 AJ5
9 AJ5
GR
W
3
14
J74
Junction Connector
4
15
R
W
1
12
J75
Junction Connector
4
15
5
16
SB
W
L
W
J47
Multiplex Tilt and
Telescopic ECU
GND
CANH
CANL
11
5
14
W–B
BE
W
J2
W
L
W
SB
W
BE

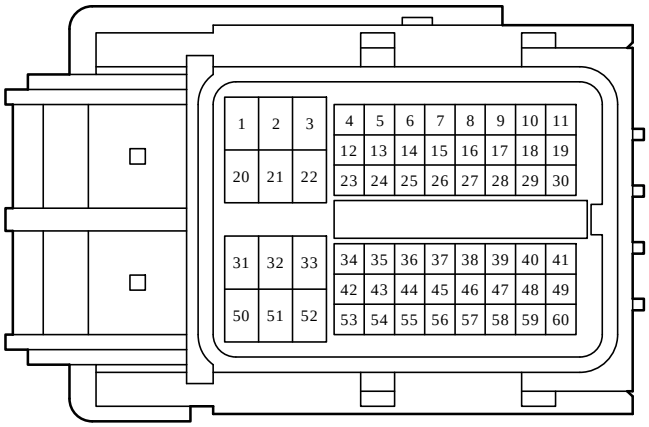

(ACC)
(IG)
(BAT)
7. 5A ACC
7. 5A ECU–IG No. 2
25A DR/LCK
J1(A), J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
CANL
CANH
6
15
22
6 B
5 B
W
L
J76
Junction Connector
13
2
W
BE
W
L
W
SB
W
BE
W
SB


J1(A), J2(B), J4(D)
Main Body ECU
CANN
CANP
15 B
16 B
W
B
15
4
J76
Junction Connector
12
1
14
3
16
5
W
GR
W
LG
5 PJ2
4 PJ2
6 NJ3
7 NJ3
W
GR
W
LG
W
Y
L
P
BE
V
17 PZ1
16 PZ1
W
L
7 B
8 B
21 B
1 B
9 B
8 B
7 B
10 B
CANN
CANP
CGND
CAN
MM
M1
M2
MSWE
N6
Seat Memory Switch
SET
1
2
MRY
M1
M2
E
1
2
3
4
Z10(B)
Front Power Seat
Control ECU and
Switch LH
N8(B)
Outer Mirror Control ECU
Y
W
W
W
SB
SB

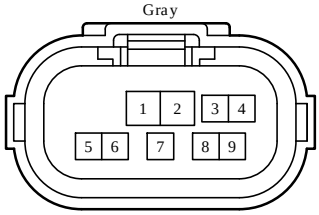

J1(A), J2(B), J4(D)
Main Body ECU
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8 AJ10
9 AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
5V IC
5V+B
CPU
CAN I/F
MSCH
MSCL
ES
CANL
CANH
18
19
24
40
39
Y
W
W–B
W
SB
15
J61
Junction
Connector
22
W–B
Y
W
W
SB
J3


J1(A), J2(B), J4(D)
Main Body ECU
DCTY
KSW
BECU
GND1
GND2
24 D
5 A
26
5
4
13 DB
21 DB
(BAT)
7. 5A
ECU–B1
2
1
GR
B
GR
B
3 B
9 A
J72(A), J73(B)
Junction
Connector
13
14
J64
Junction Connector
BR
16 PJ2
SB
1
P5
Front Door Courtesy
Switch LH
GR
1
J18
Unlock Warning
Switch
2
W–B
12
J60
Junction
Connector
7
W–B
J1
A1

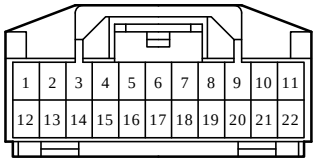
A 24
Black



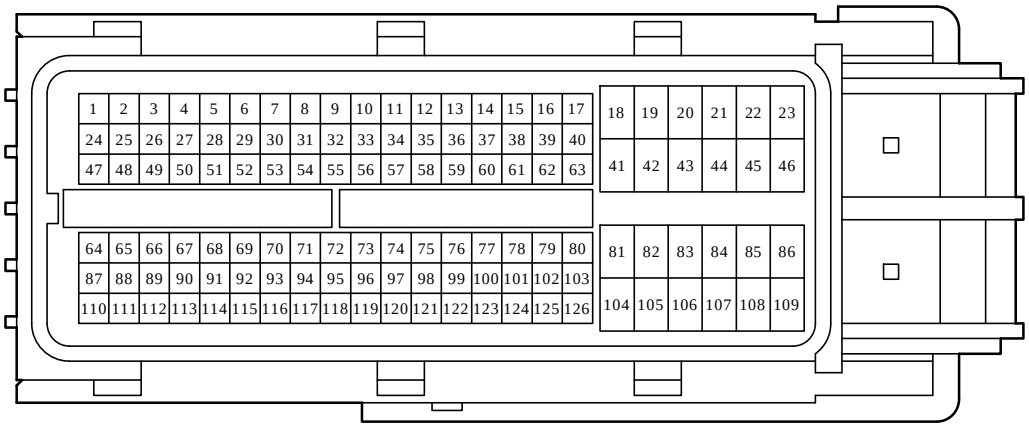
D 35
Gray



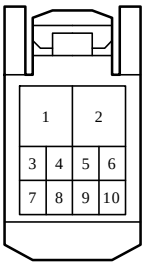
D 73
Blue



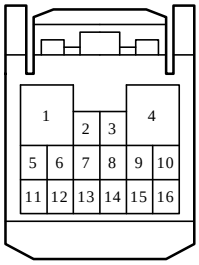
D 74
Black



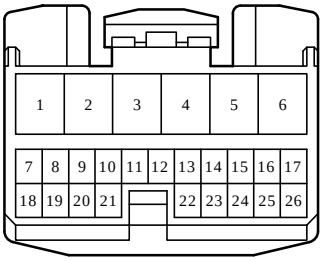
J 1
White



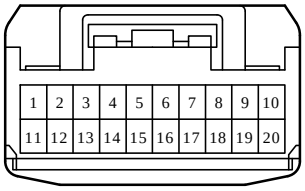
J 2
White



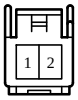
J 4
White



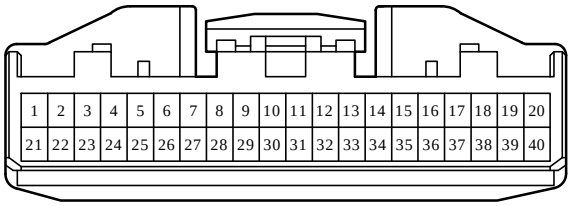
J 10
White



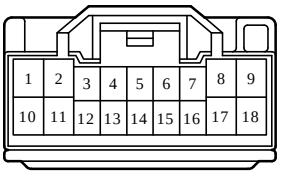
J 18
White



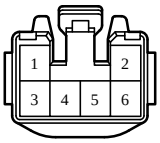
J 28
Black



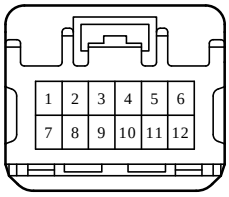
J 47
White



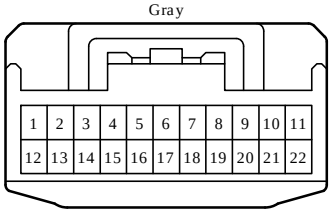
J 48
White



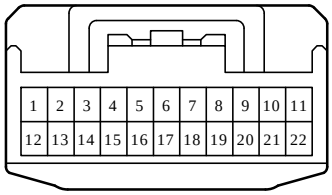
J 60
White



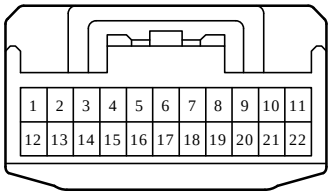
J 61
Gray



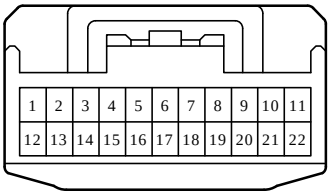
J 64
White



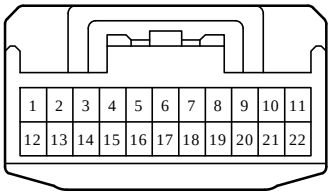
J 70
Blue



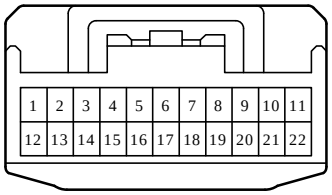
J 71
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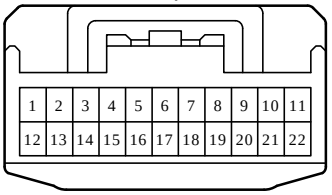
J 72
Black



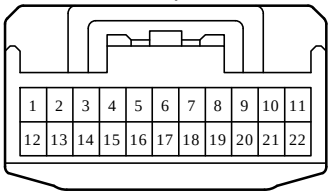
J 73
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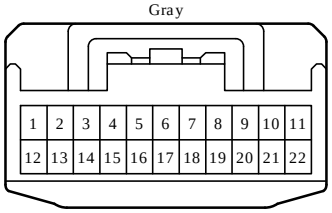
J 74
Gray



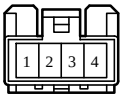
J 75
Gray



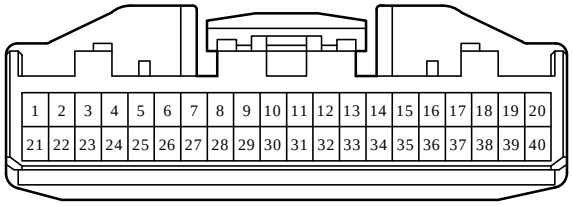
J 76
Gray



N 6
White



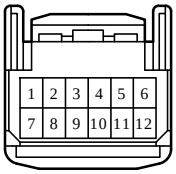
N 8
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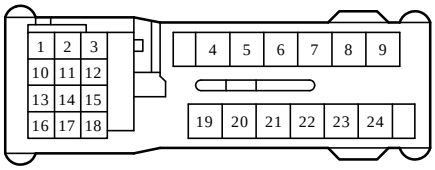
P 5
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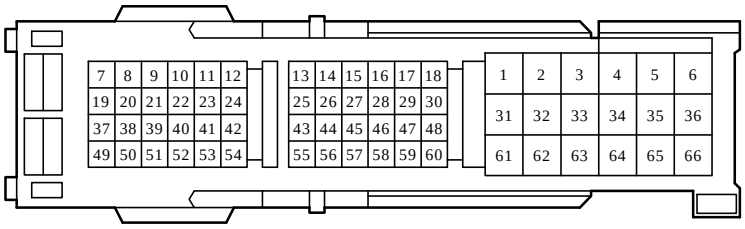
Z 10
Black



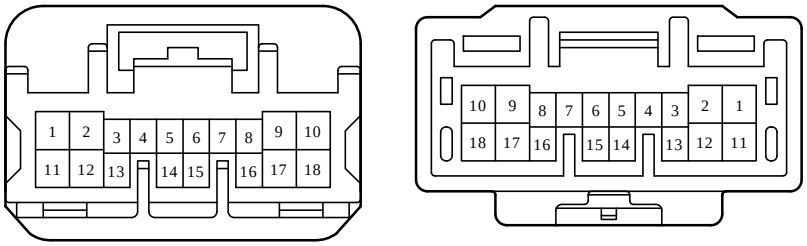
DB
White



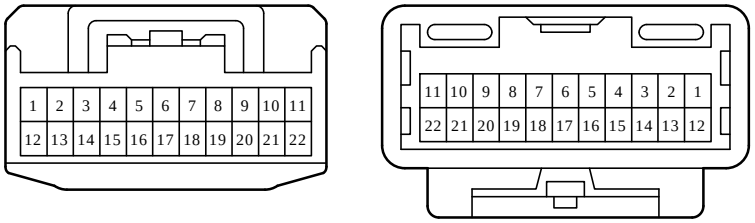
DD
White



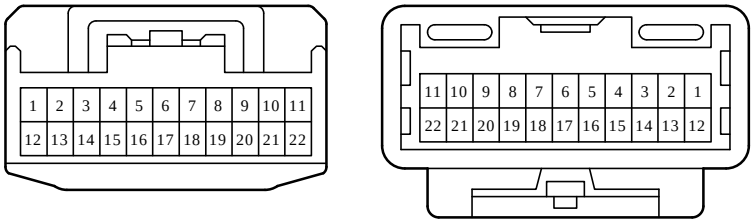
AJ2
Gray



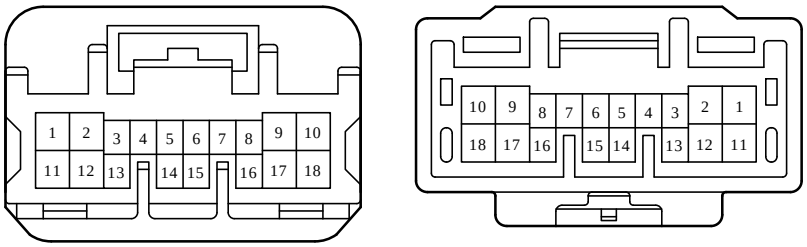
AJ5
Gray



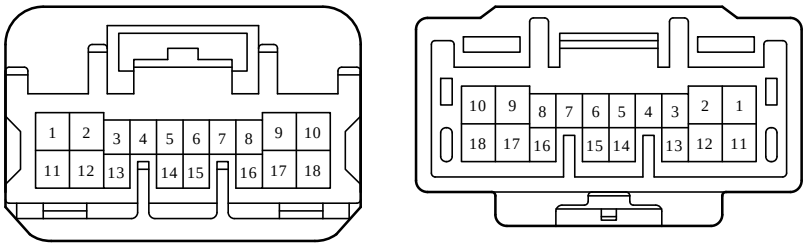
AJ10
Gray



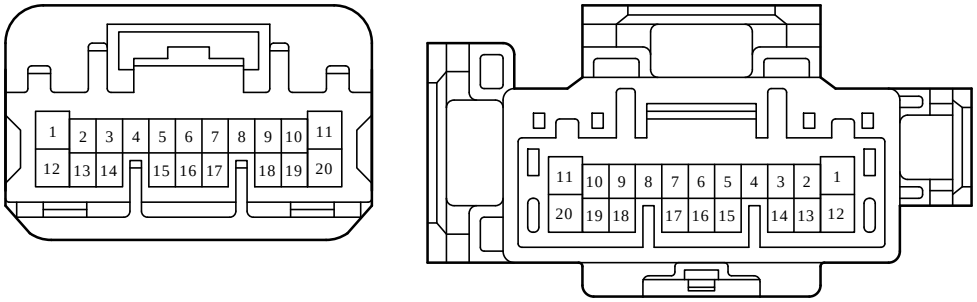
DA4
Gray



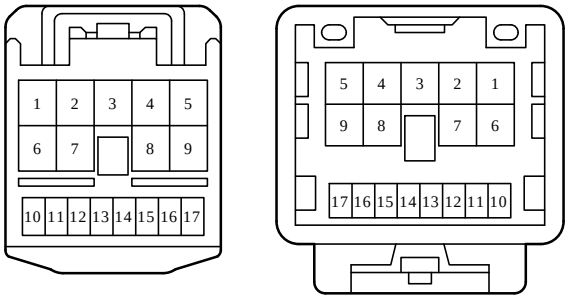
NJ3
Blue

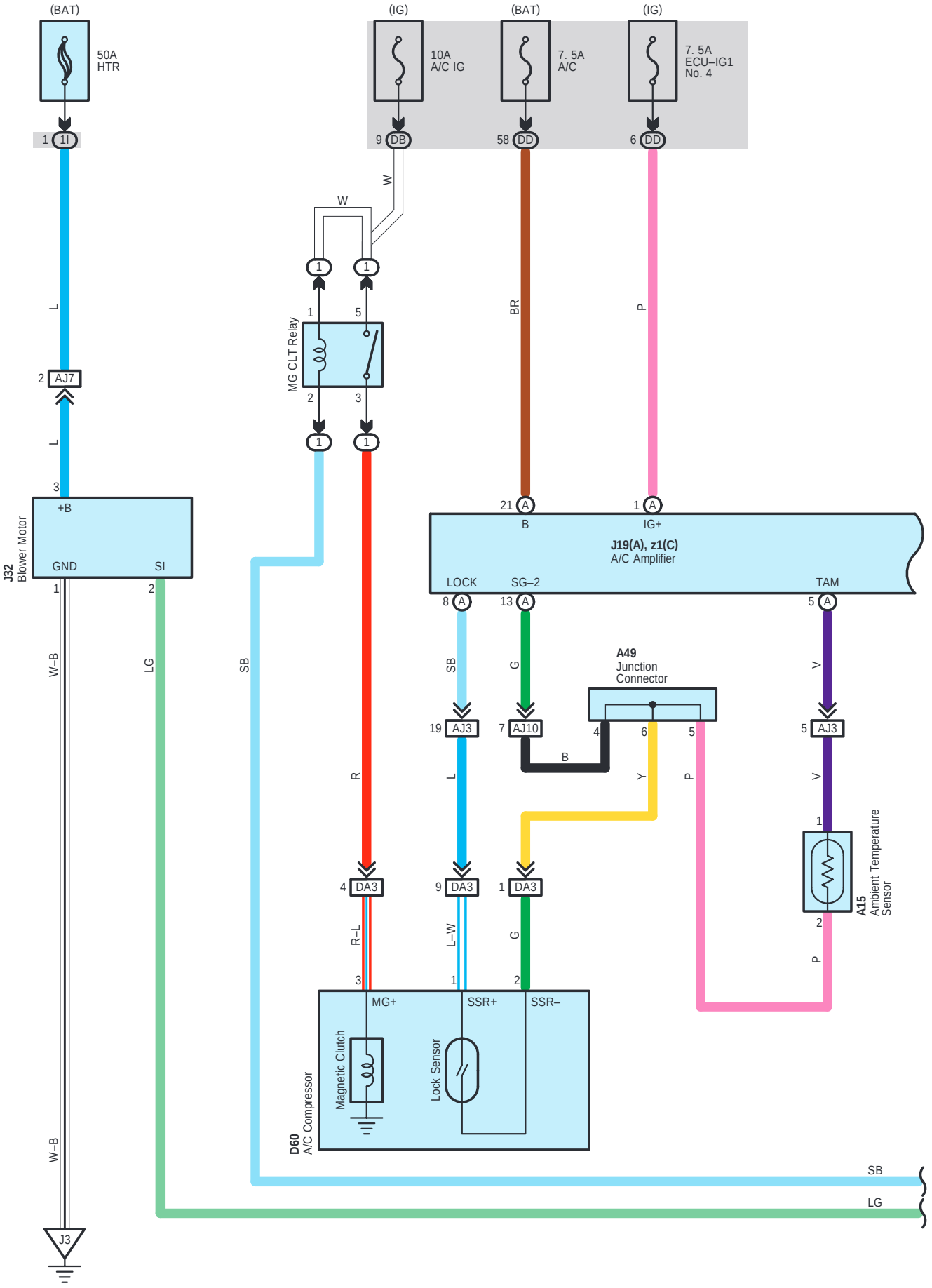


PJ2
White

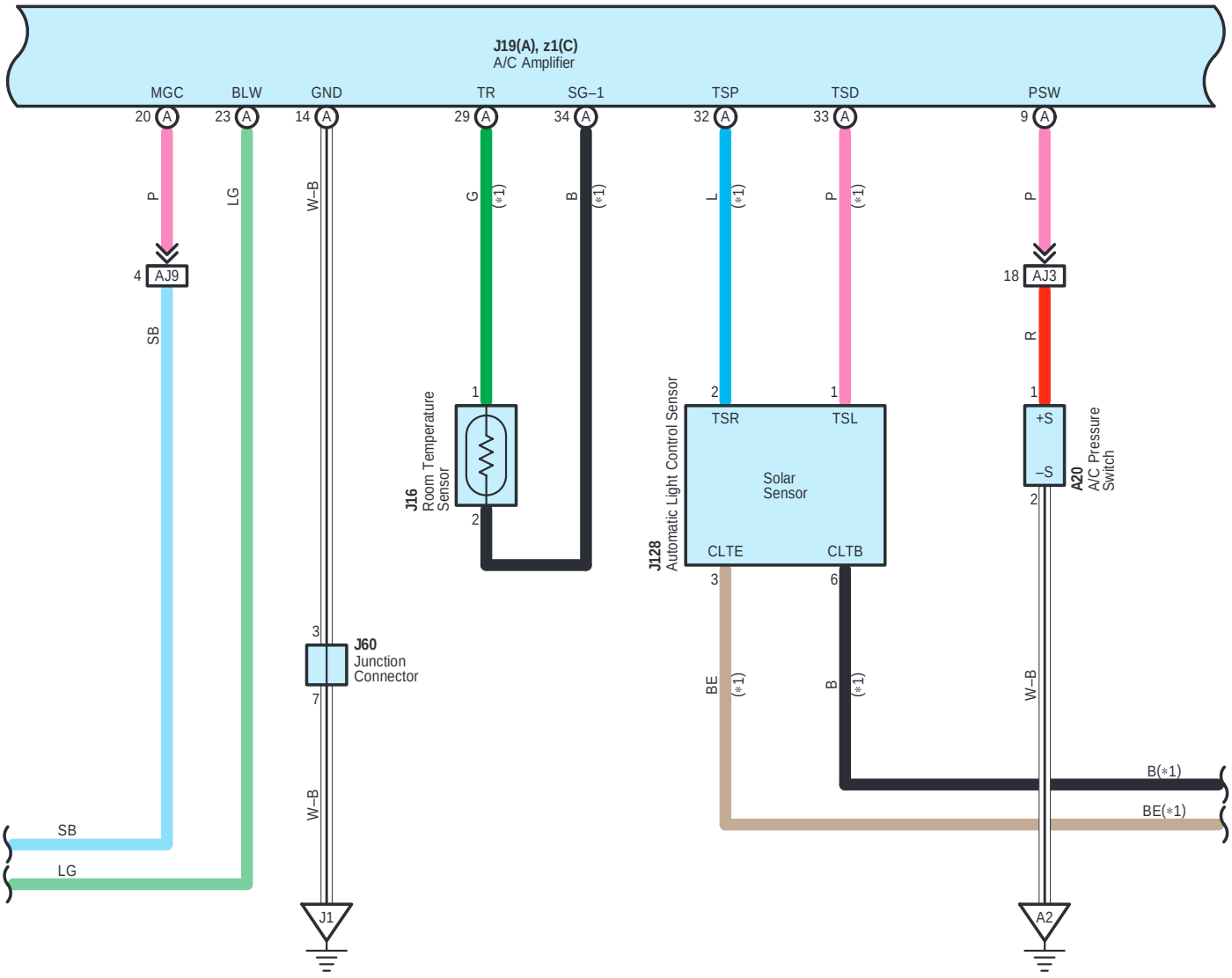


PZ1
White

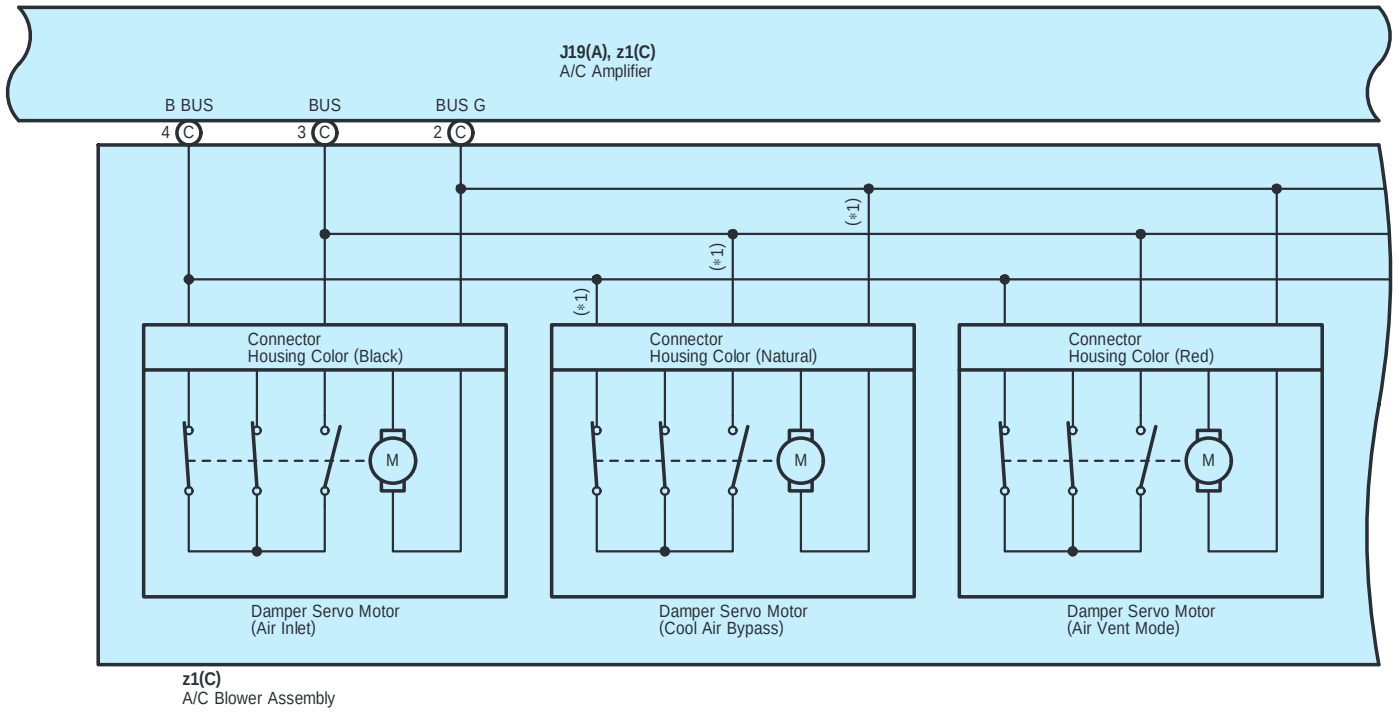



(BAT)
50A
HTR
1 1I
L
2 AJ7
L
3
+B
J32
Blower Motor
GND
SI
1
2
W–B
LG
W–B
J3
(IG)
10A
A/C IG
9 DB
W
W
1
1
1
5
MG CLT Relay
2
3
1
1
(BAT)
7. 5A
A/C
58 DD
BR
(IG)
7. 5A
ECU–IG1
No. 4
6 DD
P
21 A
B
1 A
IG+
J19(A), z1(C)
A/C Amplifier
LOCK
SG–2
TAM
8 A
13 A
5 A
SB
G
V
A49
Junction
Connector
19 AJ3
7 AJ10
B
4
6
5
5 AJ3
L
Y
P
V
1
A15
Ambient Temperature
Sensor
2
P
4 DA3
9 DA3
1 DA3
R
R–L
L–W
G
3
1
2
MG+
SSR+
SSR–
D60
A/C Compressor
Magnetic Clutch
Lock Sensor
SB
LG
SB
LG

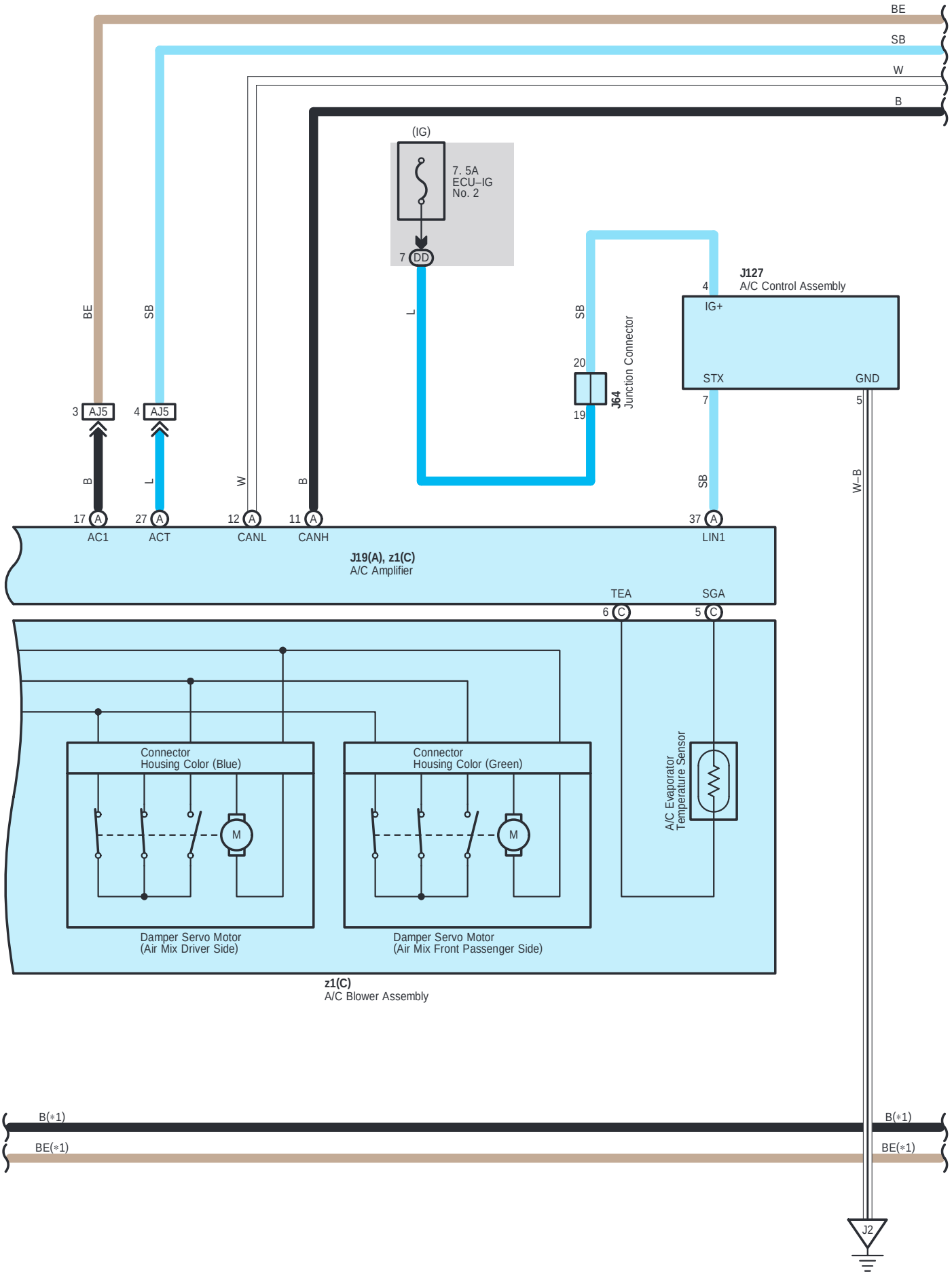
∗ 1 : Automatic A/C

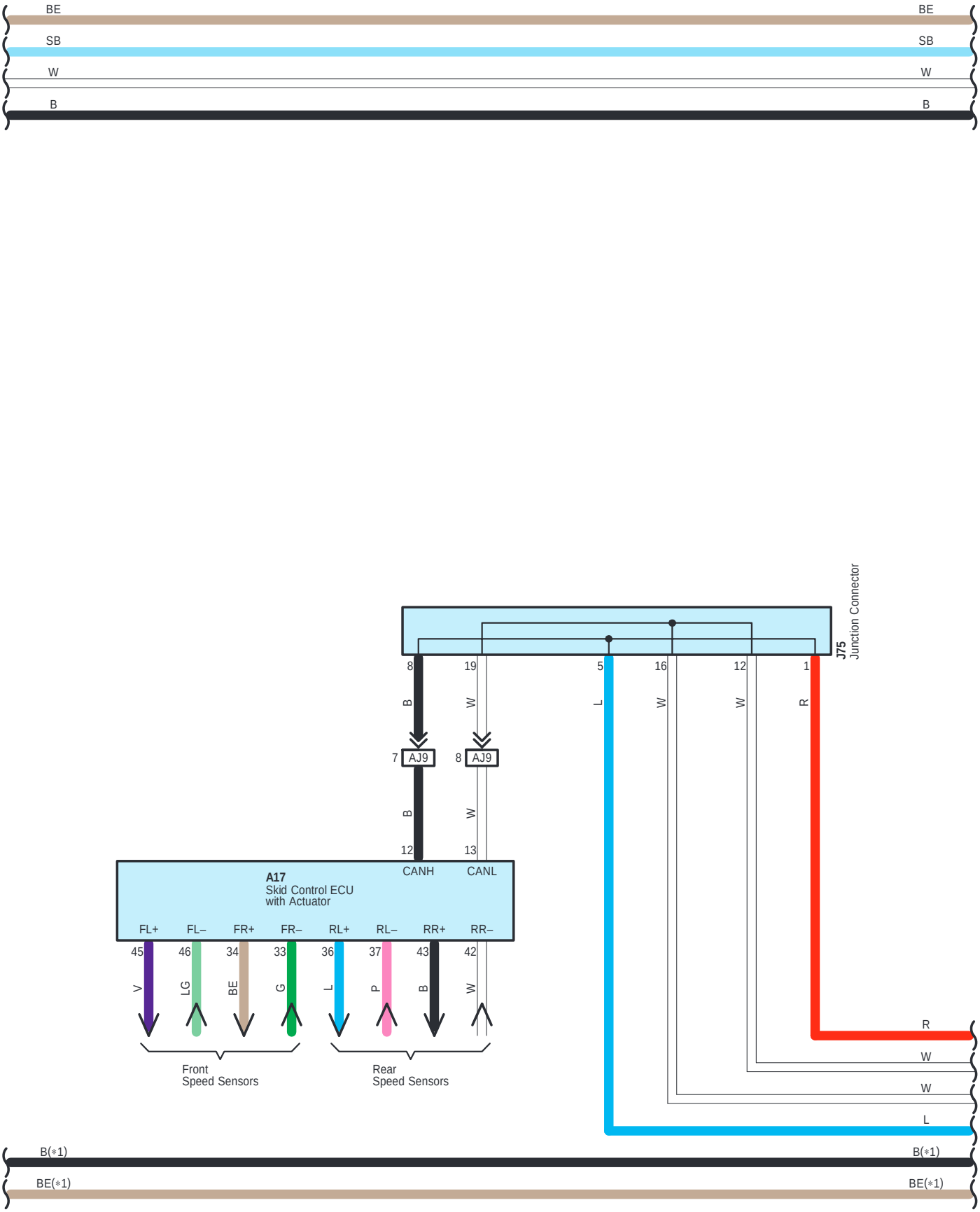


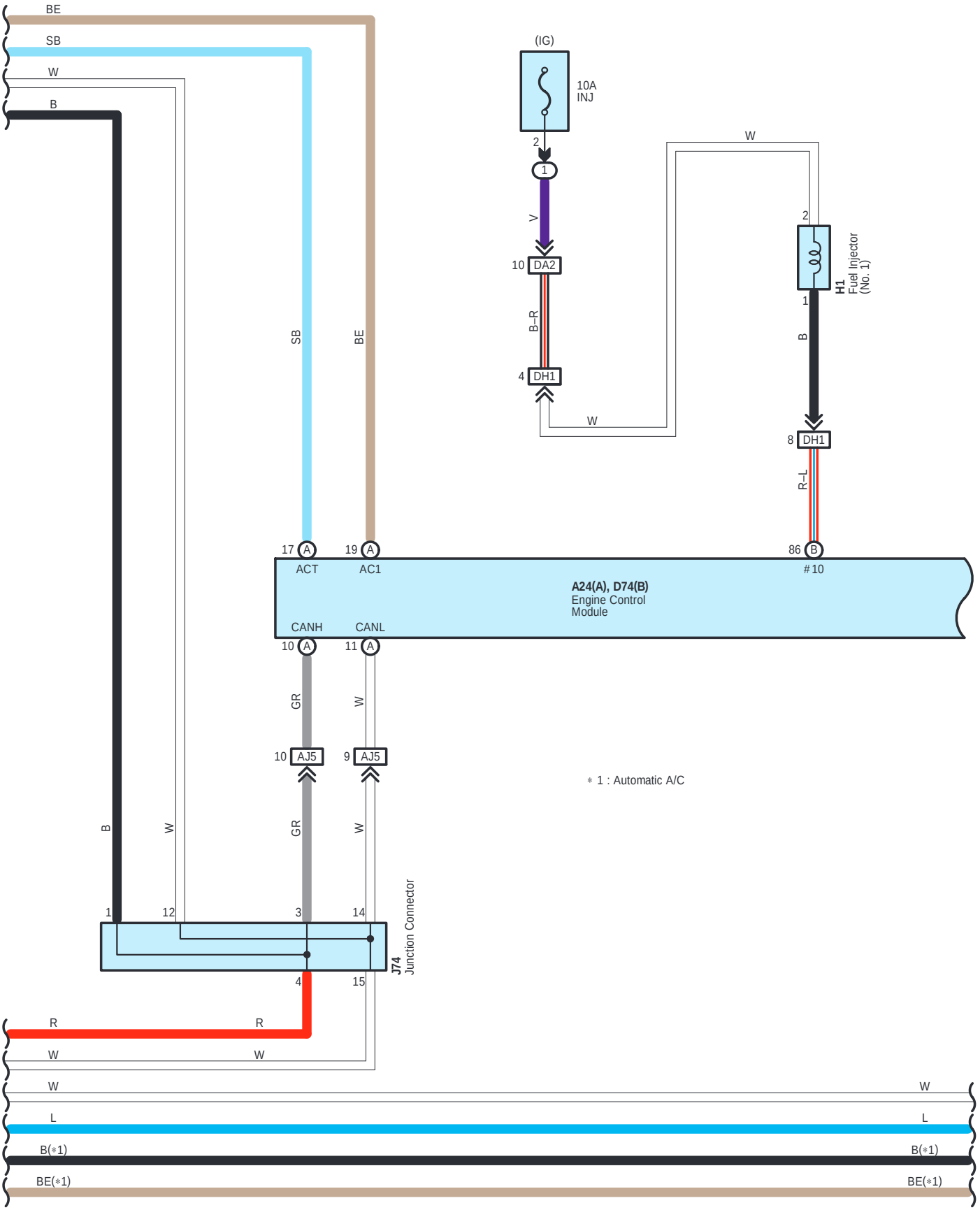
∗ 1 : Automatic A/C

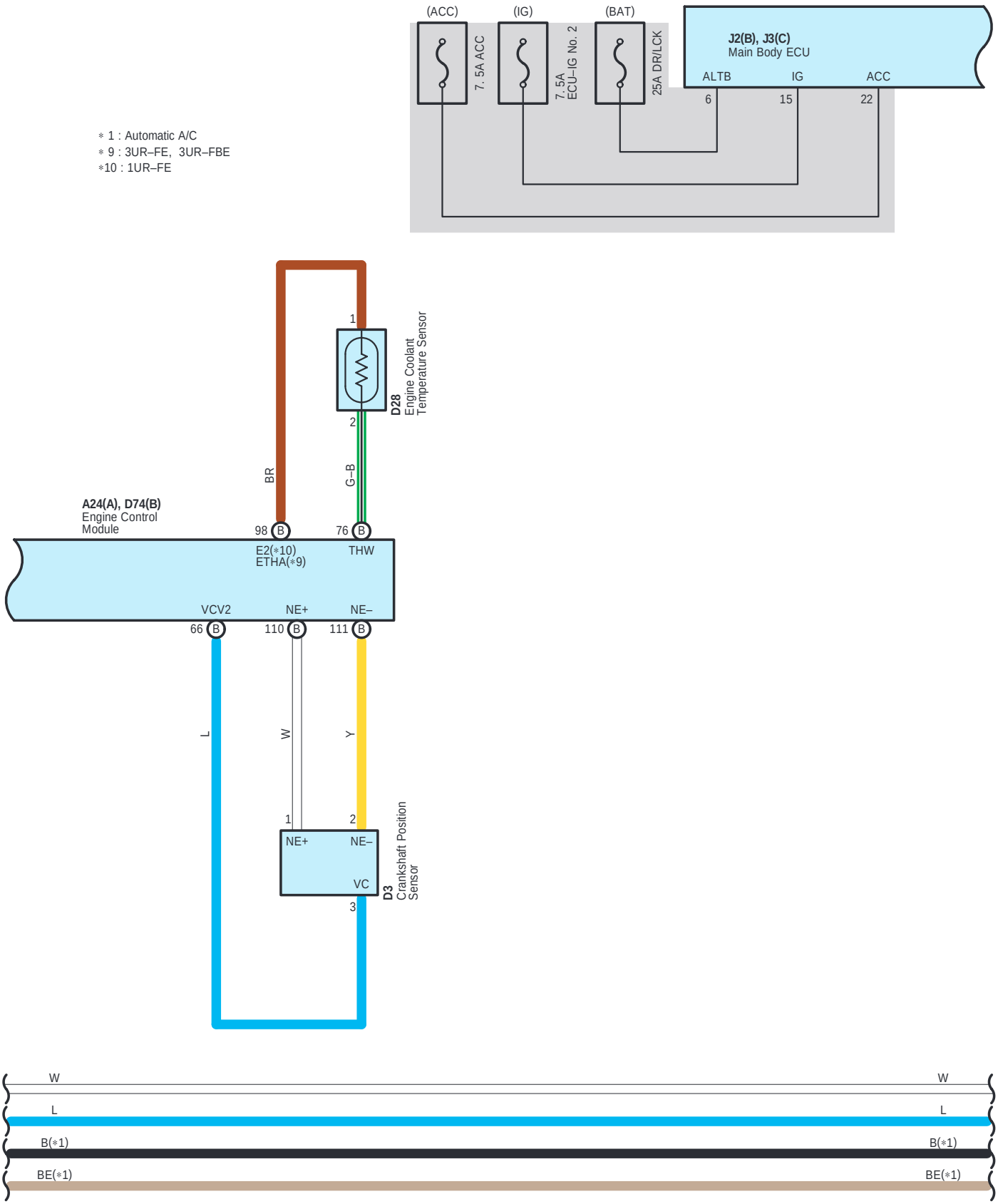


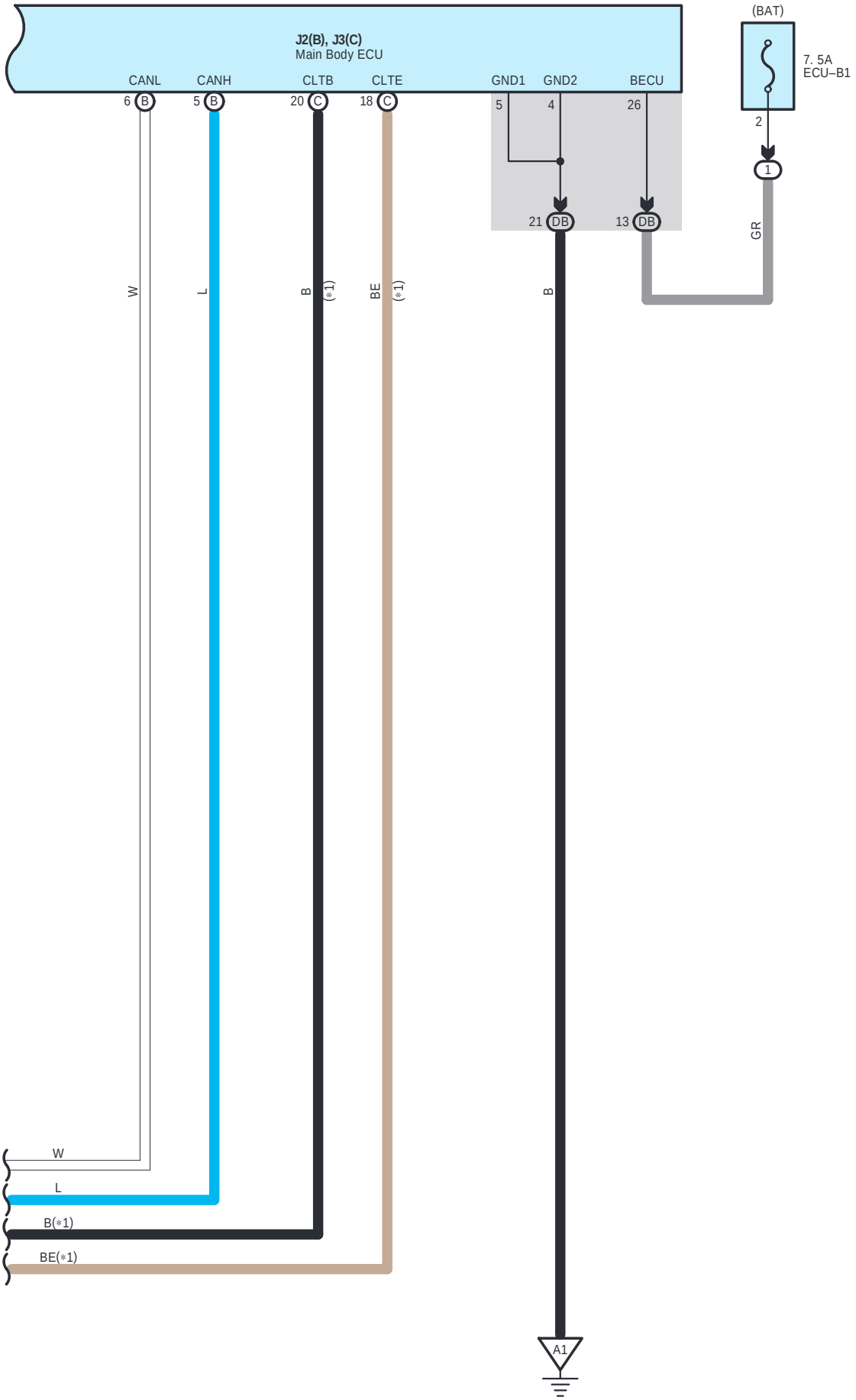



BE
SB
W
B
(IG)
7. 5A
ECU–IG
No. 2
7 DD
L
J127
A/C Control Assembly
4
IG+
STX
GND
7
5
SB
20
19
J64
Junction Connector
BE
SB
W
B
L
SB
W–B
3 AJ5
4 AJ5
17 A
27 A
12 A
11 A
37 A
AC1
ACT
CANL
CANH
LIN1
J19(A), z1(C)
A/C Amplifier
TEA
SGA
6 C
5 C
Connector
Housing Color (Blue)
Connector
Housing Color (Green)
M
M
A/C Evaporator
Temperature Sensor
Damper Servo Motor
(Air Mix Driver Side)
Damper Servo Motor
(Air Mix Front Passenger Side)
z1(C)
A/C Blower Assembly
B(*1)
BE(*1)
B(*1)
BE(*1)
J2


BE
SB
W
B
BE
SB
W
B
J75
Junction Connector
8
19
5
16
12
1
B
W
L
W
W
R
7
AJ9
8
AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
Front
Speed Sensors
Rear
Speed Sensors
R
W
W
L
B(*1)
BE(*1)
B(*1)
BE(*1)


BE
SB
W
B
(IG)
10A
INJ
2
1
V
10 DA2
B–R
4 DH1
W
W
2
H1
Fuel Injector
(No. 1)
1
B
8 DH1
R–L
86 B
#10
SB
BE
17 A
ACT
19 A
AC1
A24(A), D74(B)
Engine Control
Module
CANH
CANL
10 A
11 A
GR
W
10 AJ5
9 AJ5
∗ 1 : Automatic A/C
B
W
GR
W
1
12
3
14
J74
Junction Connector
4
15
R
R
W
W
W
W
L
L
B(∗1)
B(∗1)
BE(∗1)
BE(∗1)

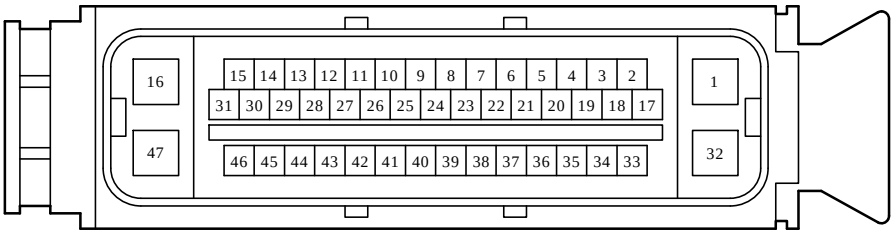

(ACC)
(IG)
(BAT)
7. 5A ACC
7. 5A ECU–IG No. 2
25A DR/LCK
J2(B), J3(C)
Main Body ECU
ALTB
IG
ACC
6
15
22
∗ 1 : Automatic A/C
∗ 9 : 3UR–FE, 3UR–FBE
∗10 : 1UR–FE
1
2
D28
Engine Coolant Temperature Sensor
BR
G–B
A24(A), D74(B)
Engine Control Module
98 B
76 B
E2(∗10)
ETHA(∗9)
THW
VCV2
NE+
NE–
66 B
110 B
111 B
L
W
Y
1
2
NE+
NE–
VC
3
D3
Crankshaft Position Sensor
W
L
B(∗1)
BE(∗1)
W
L
B(∗1)
BE(∗1)


J2(B), J3(C)
Main Body ECU
CANL
CANH
CLTB
CLTE
GND1
GND2
BECU
6 B
5 B
20 C
18 C
5
4
26
21 DB
13 DB
(BAT)
7. 5A
ECU–B1
2
1
GR
W
L
B
(*1)
BE
(*1)
B
W
L
B(*1)
BE(*1)
A1

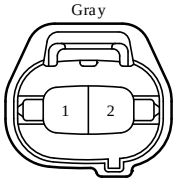
A 15
Black



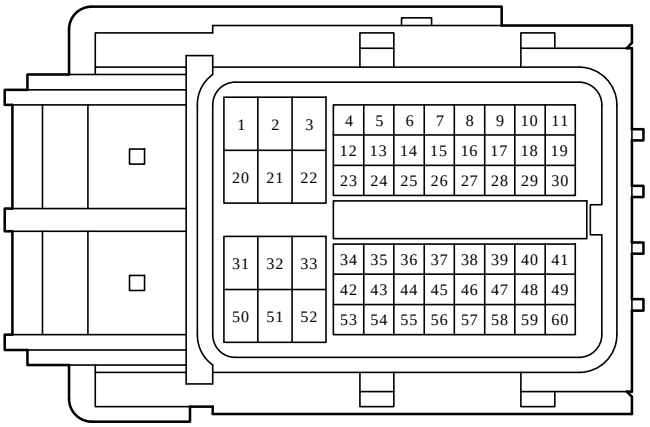
A 17
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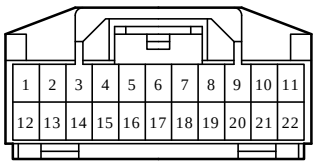
A 20
Gray



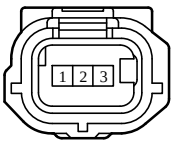
A 24
Black



A 49
White



D 3
Black



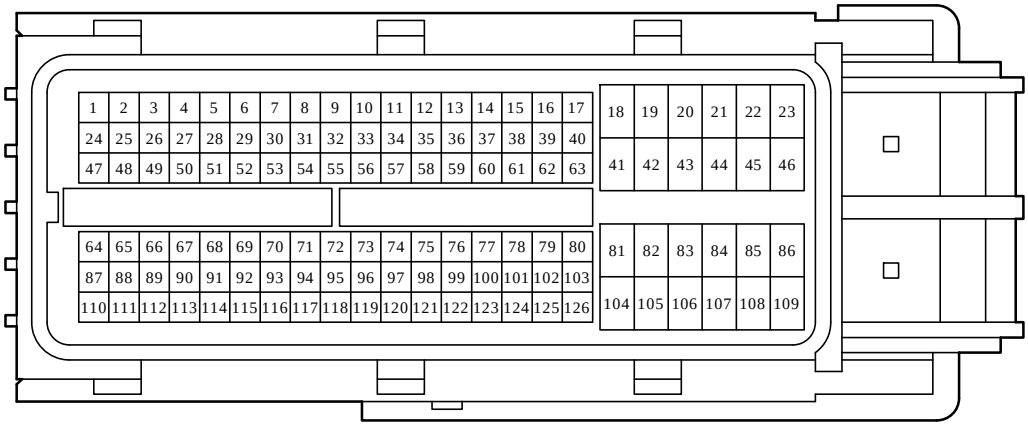
D 28
Dark Gray



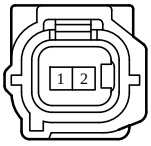
D 60
Gray



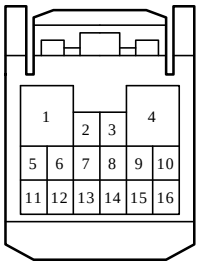
D 74
Black



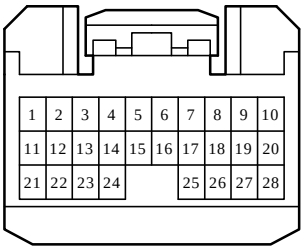
H 1
Black



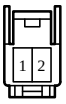
J 2
White



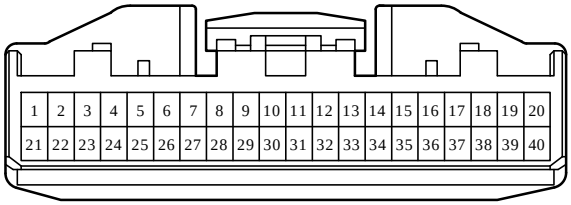
J 3
White



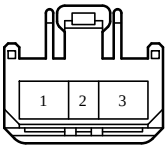
J 16
Black



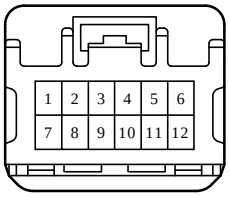
J 19
White



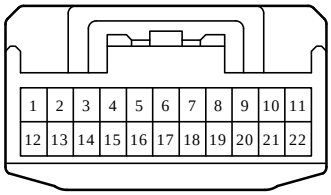
J 32
Black



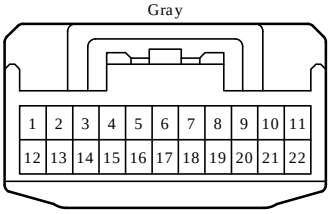
J 60
White



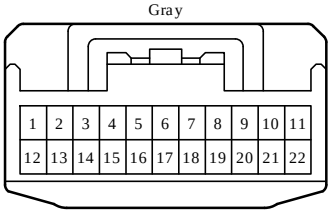
J 64
White



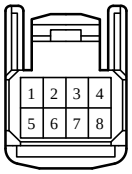
J 74
Gray



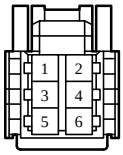
J 75
Gray



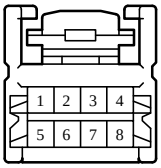
J127
Black



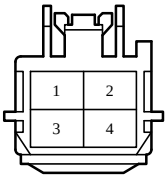
J128
Black



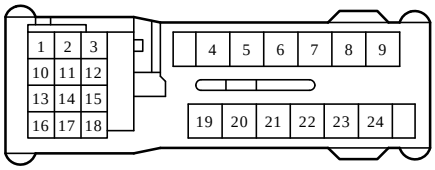
z 1
White



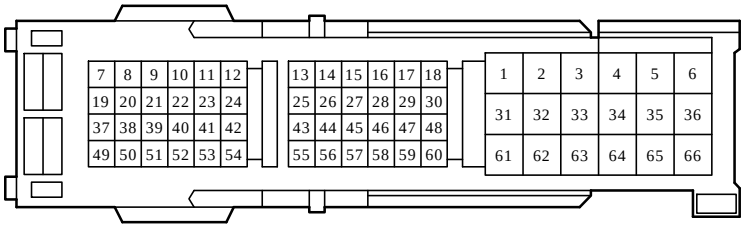
1I
White



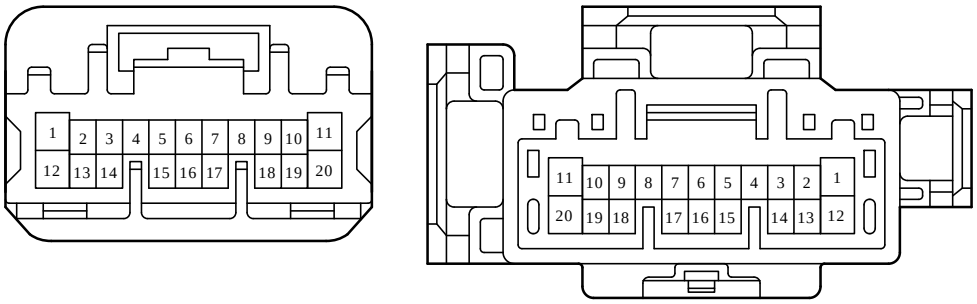
DB
White



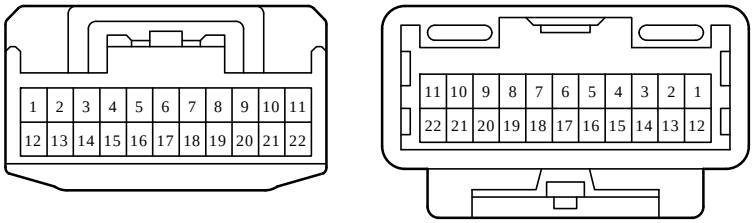
DD
White



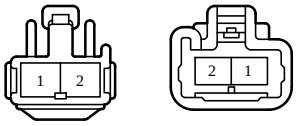
AJ3
White



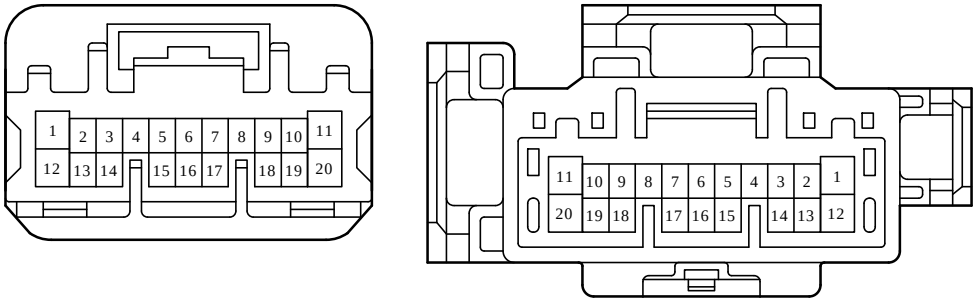
AJ5
Gray



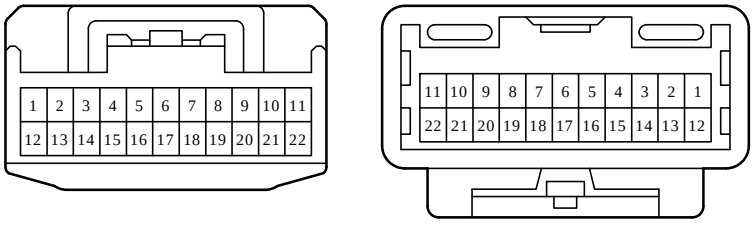
AJ7
Gray

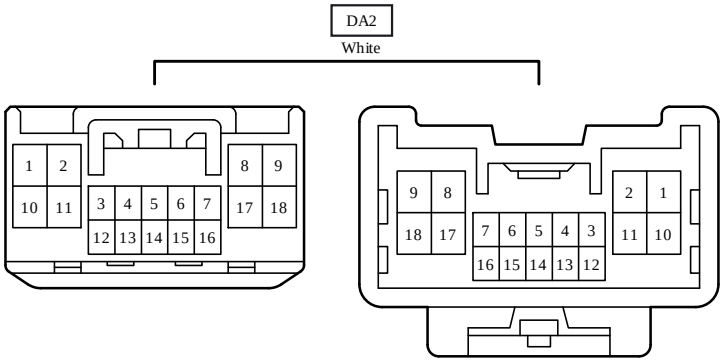


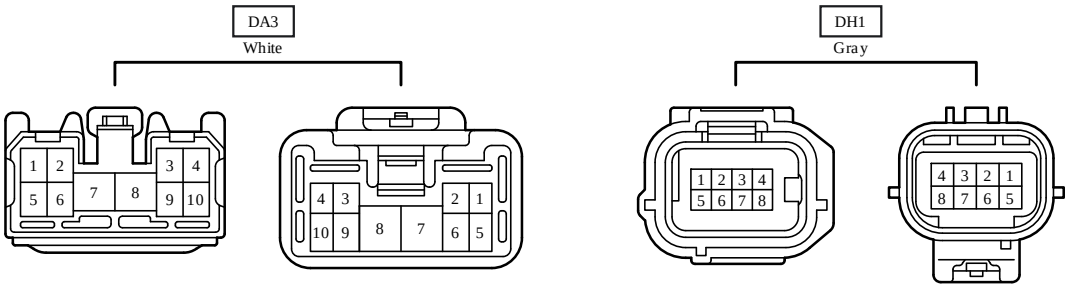
AJ9
White

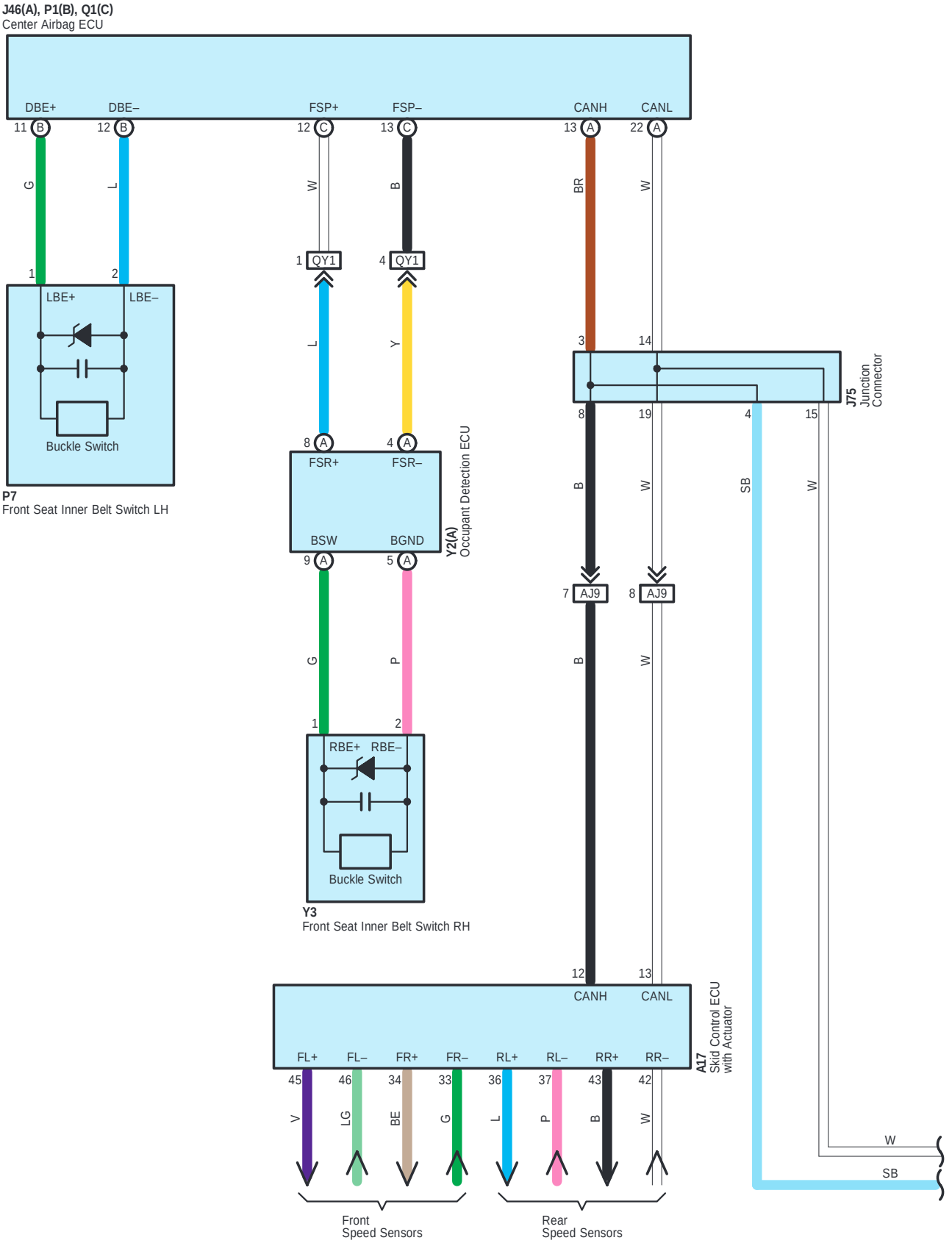


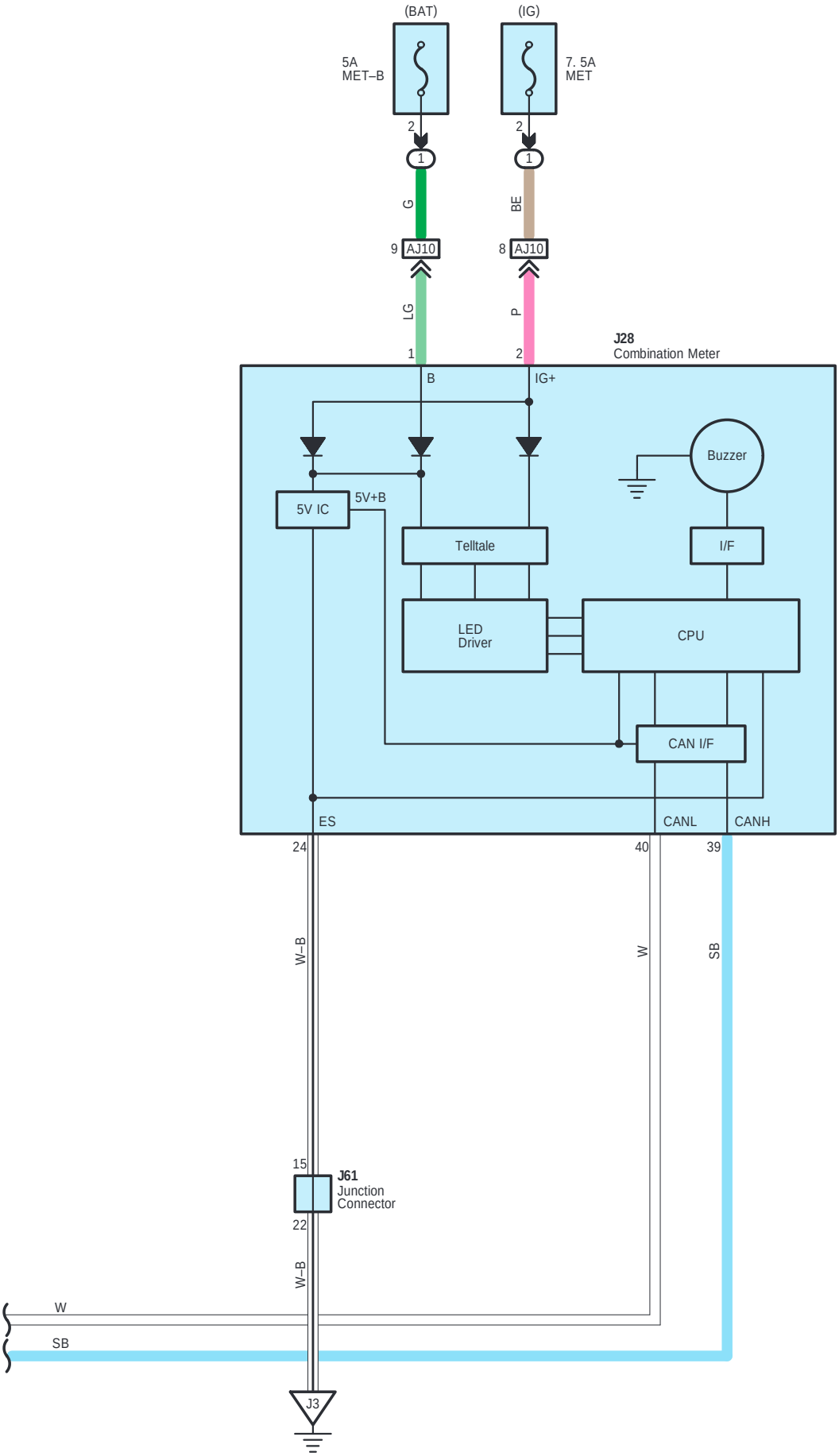
AJ10
Gray



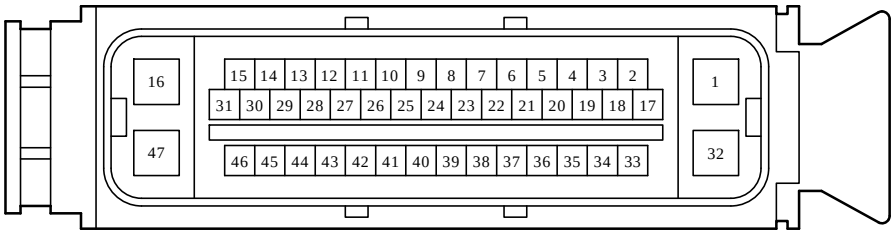

DA2
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


DA3
White
1 2
5 6
7 8
3 4
9 10
4 3
10 9
8 7
2 1
6 5
DH1
Gray
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5

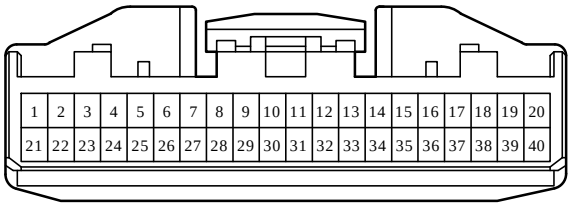

J46(A), P1(B), Q1(C)
Center Airbag ECU
DBE+
DBE–
FSP+
FSP–
CANH
CANL
11 B
12 B
12 C
13 C
13 A
22 A
G
L
W
B
BR
W
1 QY1
4 QY1
1
2
LBE+
LBE–
Buckle Switch
P7
Front Seat Inner Belt Switch LH
L
Y
3
14
J75
Junction Connector
8 A
4 A
FSR+
FSR–
BSW
BGND
Y2(A)
Occupant Detection ECU
8
19
4
15
B
W
SB
W
9 A
5 A
7 AJ9
8 AJ9
G
P
B
W
1
2
RBE+
RBE–
Buckle Switch
Y3
Front Seat Inner Belt Switch RH
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
W
SB
Front
Speed Sensors
Rear
Speed Sensors


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
Buzzer
5V IC
5V+B
Telltale
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

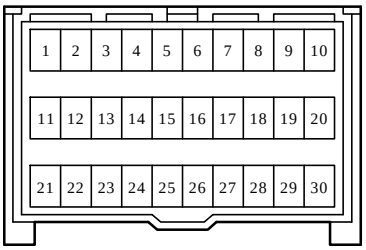
A 17
Black



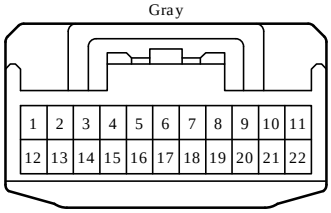
J 28
Black



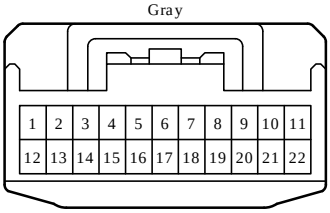
J 46
Yellow



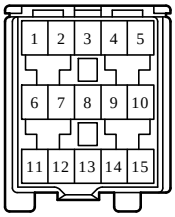
J 61
Gray



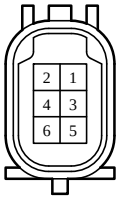
J 75
Gray



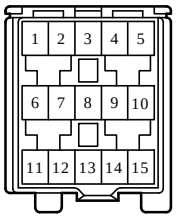
P 1
Yellow



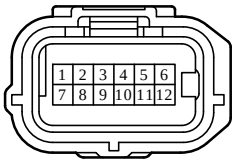
P 7
White



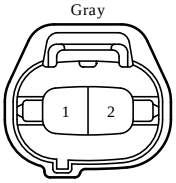
Q 1
Yellow



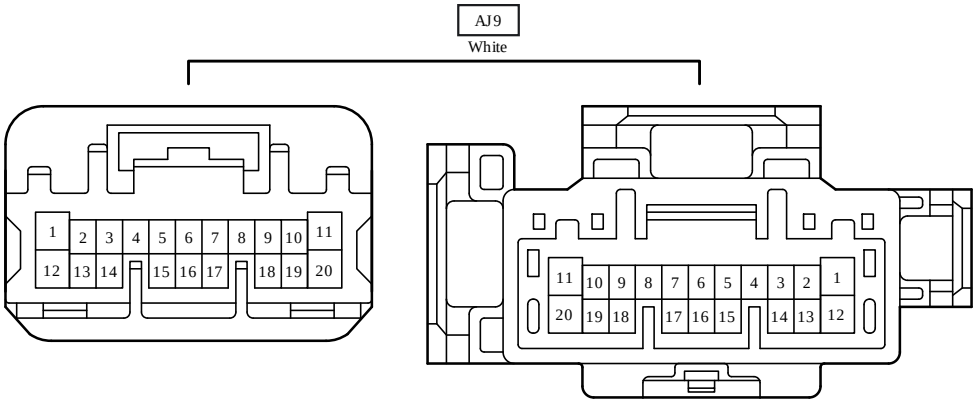
Y 2
Black

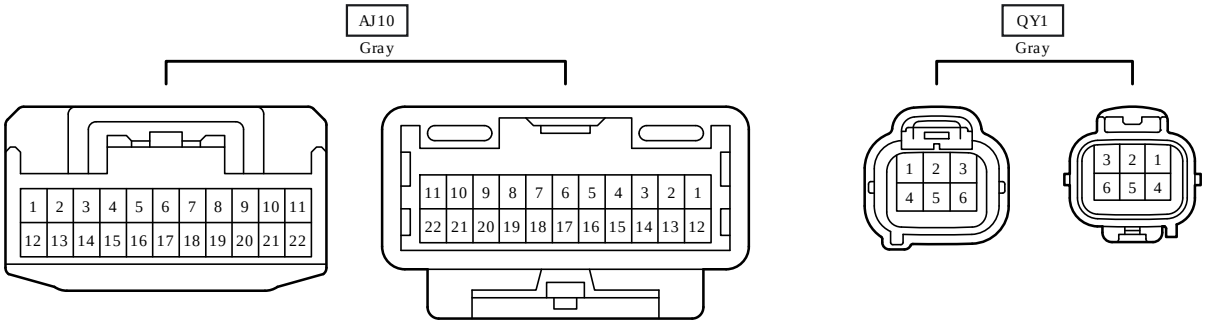


Y 3
Gray

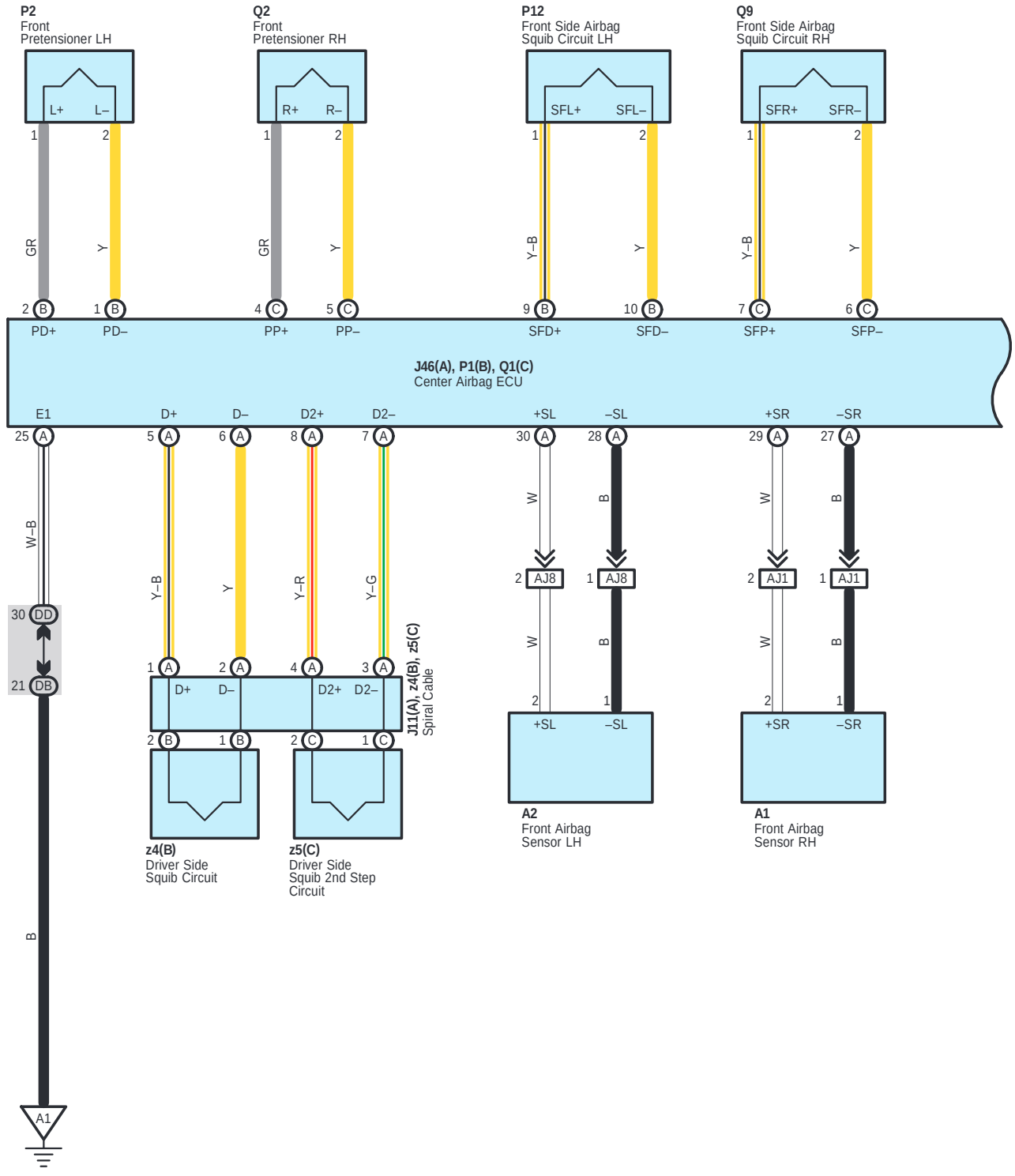


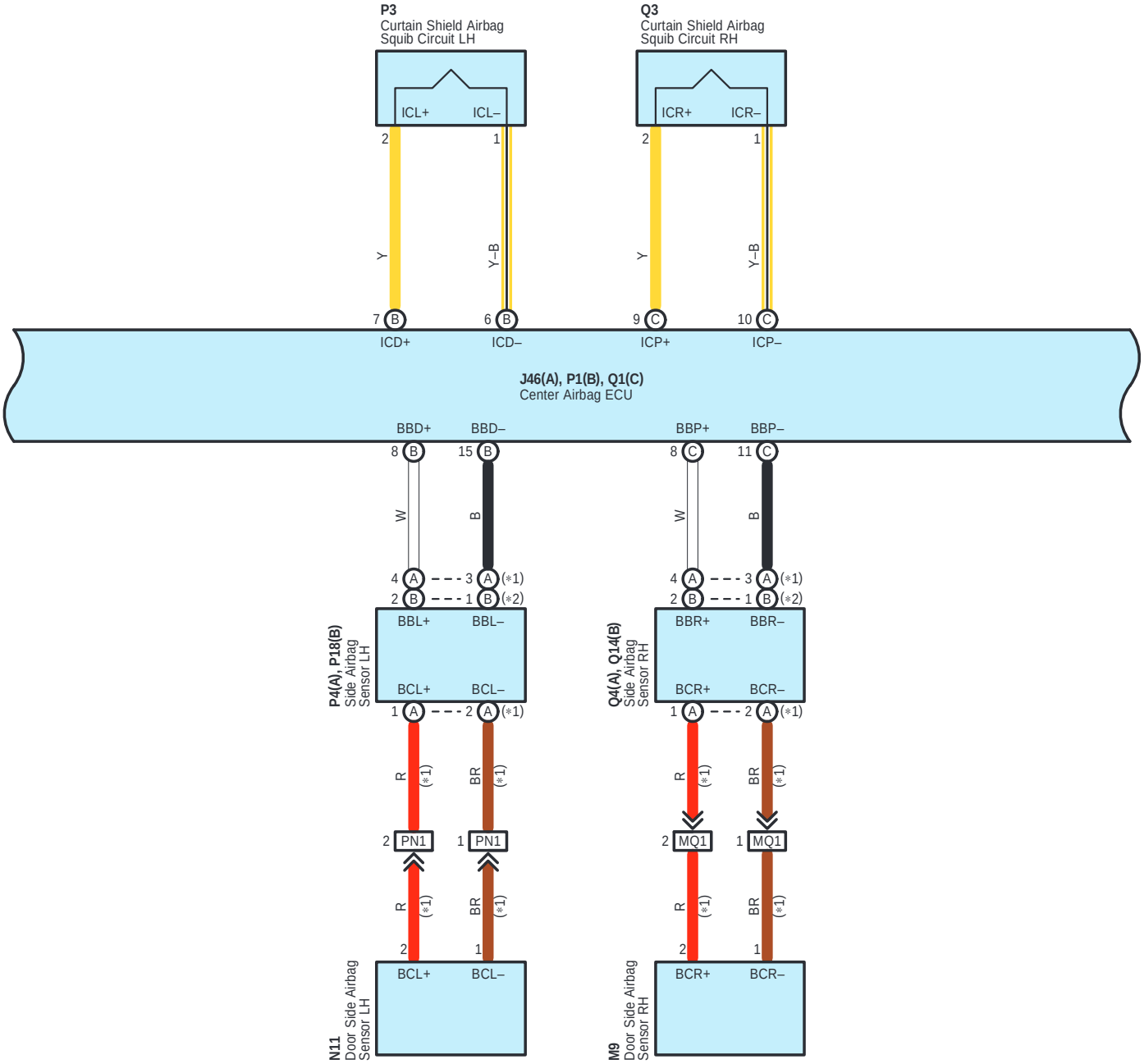
AJ9
White

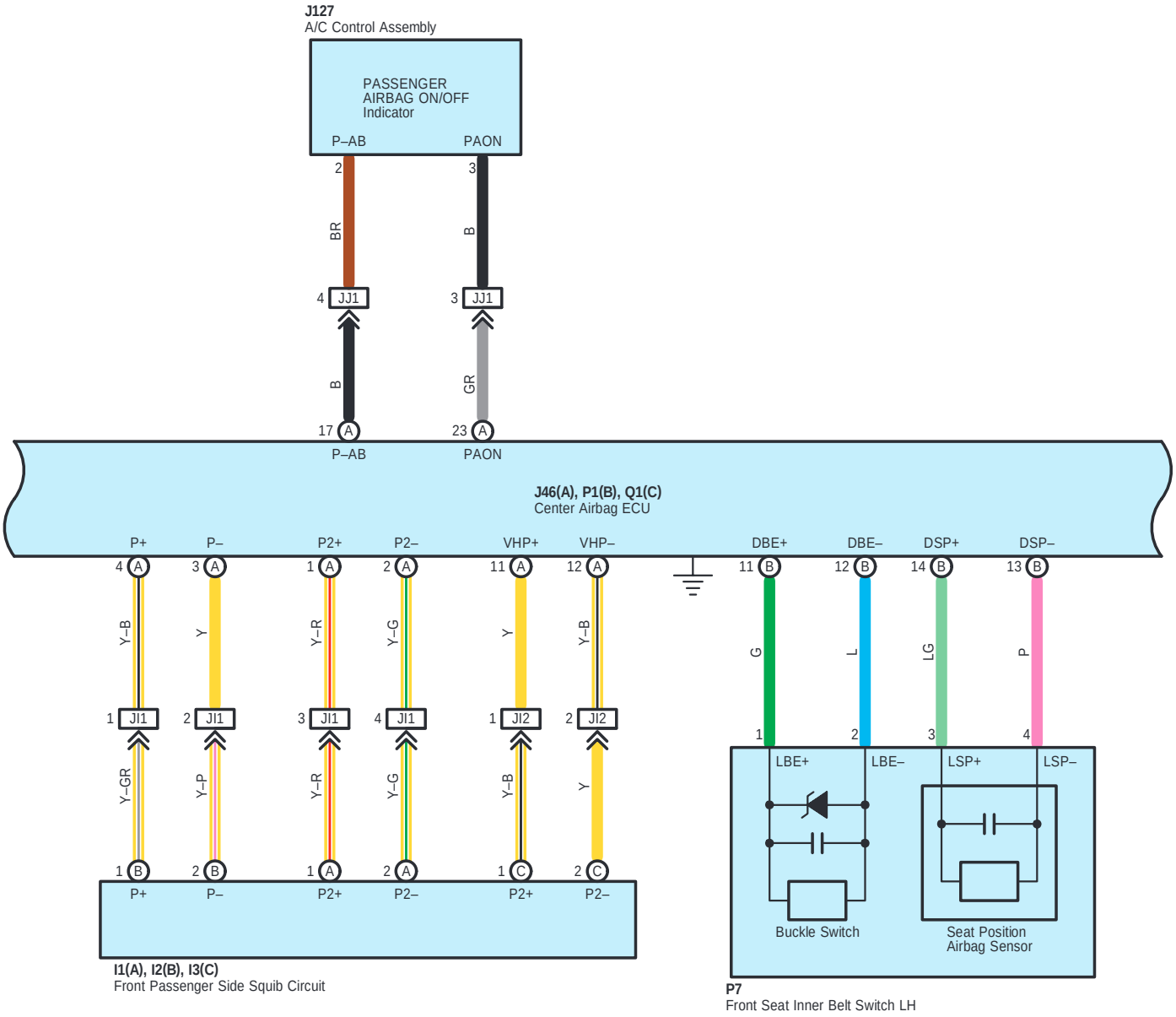


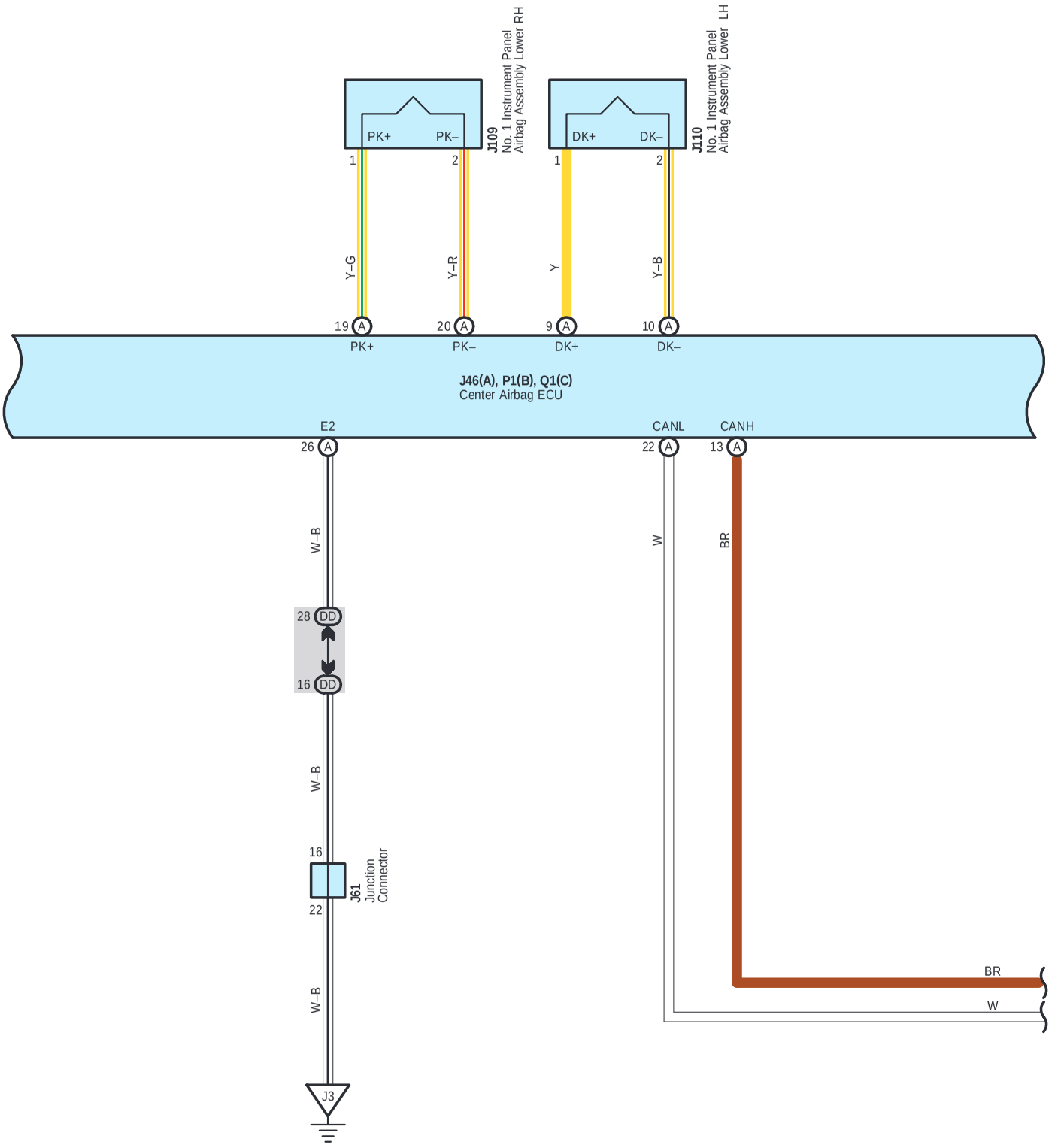

AJ10
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
QY1
Gray
1 2 3
4 5 6
3 2 1
6 5 4

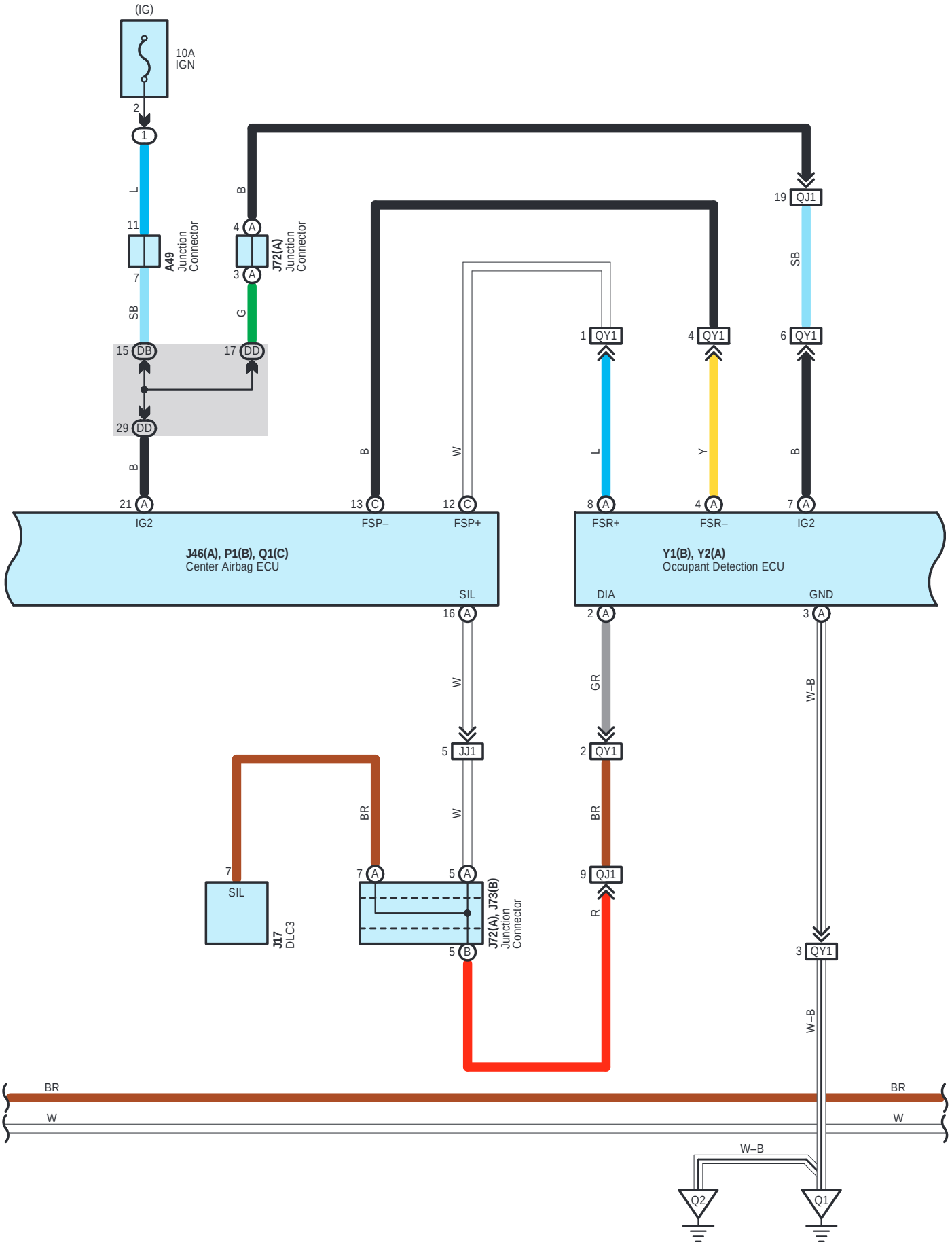
* 1 : Except Regular Cab
* 2 : Regular Cab

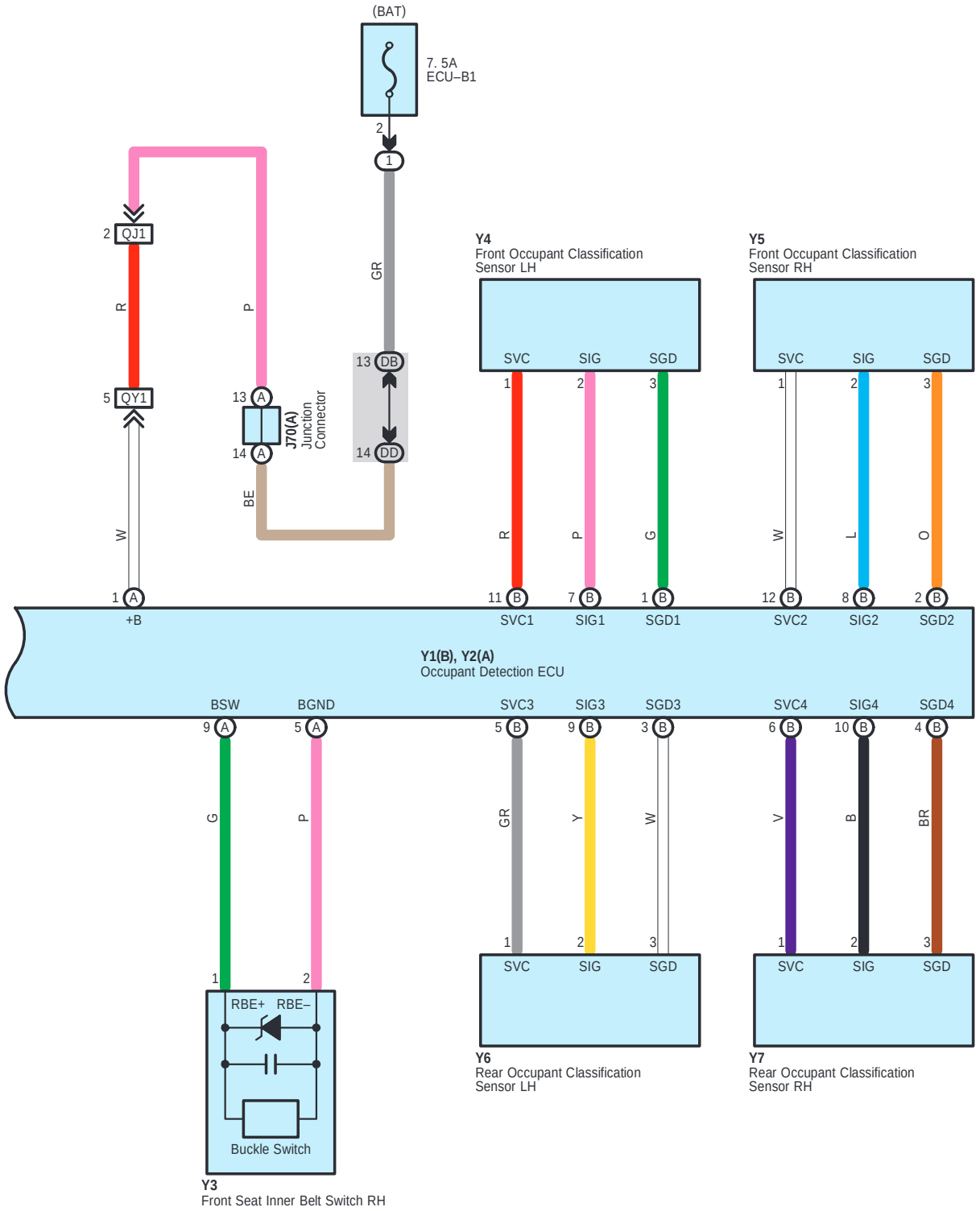


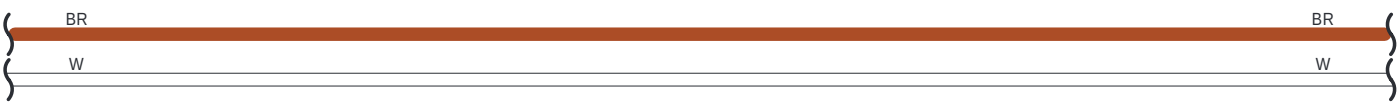

P3
Curtain Shield Airbag
Squib Circuit LH
ICL+
ICL–
2
1
Y
Y–B
7 B
6 B
ICD+
ICD–
Q3
Curtain Shield Airbag
Squib Circuit RH
ICR+
ICR–
2
1
Y
Y–B
9 C
10 C
ICP+
ICP–
J46(A), P1(B), Q1(C)
Center Airbag ECU
BBD+
BBD–
8 B
15 B
W
B
4 A
3 A (*1)
2 B
1 B (*2)
P4(A), P18(B)
Side Airbag
Sensor LH
BBL+
BBL–
BCL+
BCL–
1 A
2 A (*1)
R (*1)
BR (*1)
2 PN1
1 PN1
R (*1)
BR (*1)
2
1
N11
Door Side Airbag
Sensor LH
BCL+
BCL–
BBP+
BBP–
8 C
11 C
W
B
4 A
3 A (*1)
2 B
1 B (*2)
Q4(A), Q14(B)
Side Airbag
Sensor RH
BBR+
BBR–
BCR+
BCR–
1 A
2 A (*1)
R (*1)
BR (*1)
2 MQ1
1 MQ1
R (*1)
BR (*1)
2
1
M9
Door Side Airbag
Sensor RH
BCR+
BCR–

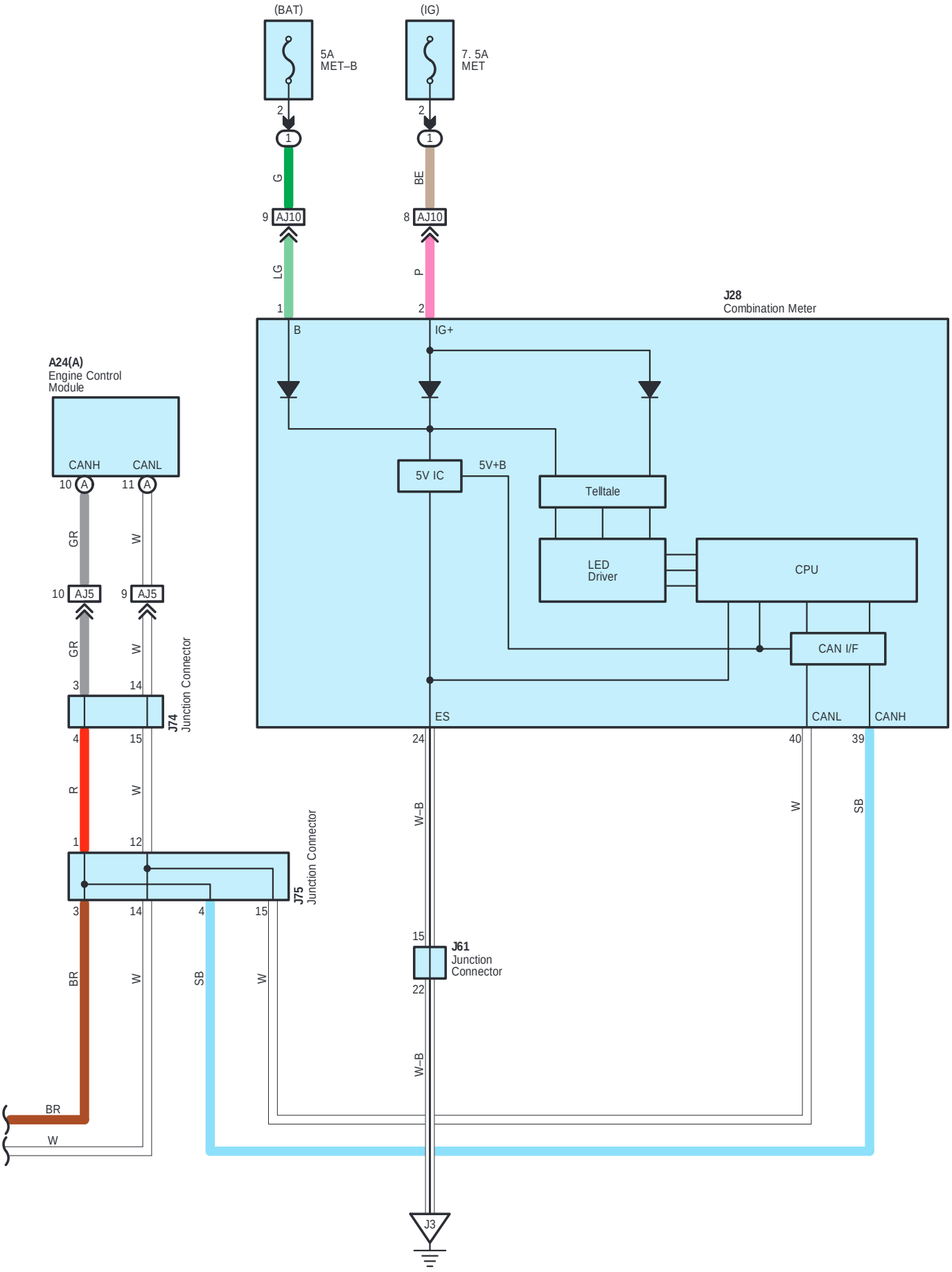

J127
A/C Control Assembly
PASSENGER
AIRBAG ON/OFF
Indicator
P–AB
PAON
2
3
BR
B
4 JJ1
3 JJ1
B
GR
17 A
23 A
P–AB
PAON
J46(A), P1(B), Q1(C)
Center Airbag ECU
P+
P–
P2+
P2–
VHP+
VHP–
DBE+
DBE–
DSP+
DSP–
4 A
3 A
1 A
2 A
11 A
12 A
11 B
12 B
14 B
13 B
Y–B
Y
Y–R
Y–G
Y
Y–B
G
L
LG
P
1 JI1
2 JI1
3 JI1
4 JI1
1 JI2
2 JI2
1
2
3
4
Y–GR
Y–P
Y–R
Y–G
Y–B
Y
LBE+
LBE–
LSP+
LSP–
1 B
2 B
1 A
2 A
1 C
2 C
P+
P–
P2+
P2–
P2+
P2–
Buckle Switch
Seat Position
Airbag Sensor
I1(A), I2(B), I3(C)
Front Passenger Side Squib Circuit
P7
Front Seat Inner Belt Switch LH


J109
No. 1 Instrument Panel Airbag Assembly Lower RH
PK+
PK–
1
2
J110
No. 1 Instrument Panel Airbag Assembly Lower LH
DK+
DK–
1
2
Y–G
Y–R
Y
Y–B
19 A
20 A
9 A
10 A
PK+
PK–
DK+
DK–
J46(A), P1(B), Q1(C)
Center Airbag ECU
E2
CANL
CANH
26 A
22 A
13 A
W–B
W
BR
28 DD
16 DD
W–B
16
J61
Junction Connector
22
W–B
J3
BR
W

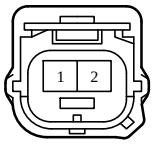

(IG)
10A
IGN
2
1
L
11
A49
Junction
Connector
7
SB
15 DB
29 DD
B
21 A
IG2
B
4 A
J72(A)
Junction
Connector
3 A
G
17 DD
B
13 C
FSP–
W
12 C
FSP+
19 QJ1
SB
6 QY1
B
7 A
IG2
1 QY1
L
8 A
FSR+
4 QY1
Y
4 A
FSR–
J46(A), P1(B), Q1(C)
Center Airbag ECU
Y1(B), Y2(A)
Occupant Detection ECU
SIL
16 A
W
5 JJ1
W
5 A
J72(A), J73(B)
Junction
Connector
5 B
BR
7 A
7
SIL
J17
DLC3
DIA
2 A
GR
2 QY1
BR
9 QJ1
R
GND
3 A
W–B
3 QY1
W–B
BR
W
BR
W
W–B
Q2
Q1


(BAT)
7. 5A
ECU–B1
2
1
2 QJ1
5 QY1
1 A
+B
R
W
P
GR
BE
13 A
14 A
J70(A)
Junction
Connector
13 DB
14 DD
Y4
Front Occupant Classification
Sensor LH
SVC
SIG
SGD
1
2
3
R
P
G
11 B
7 B
1 B
SVC1
SIG1
SGD1
Y5
Front Occupant Classification
Sensor RH
SVC
SIG
SGD
1
2
3
W
L
O
12 B
8 B
2 B
SVC2
SIG2
SGD2
Y1(B), Y2(A)
Occupant Detection ECU
BSW
BGND
9 A
5 A
G
P
1
2
RBE+
RBE–
Buckle Switch
Y3
Front Seat Inner Belt Switch RH
SVC3
SIG3
SGD3
5 B
9 B
3 B
GR
Y
W
1
2
3
SVC
SIG
SGD
Y6
Rear Occupant Classification
Sensor LH
SVC4
SIG4
SGD4
6 B
10 B
4 B
V
B
BR
1
2
3
SVC
SIG
SGD
Y7
Rear Occupant Classification
Sensor RH

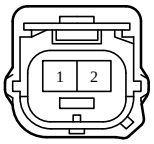

BR
W
BR
W


(BAT)
5A
MET–B
(IG)
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
A24(A)
Engine Control
Module
CANH
CANL
5V IC
5V+B
Telltale
LED
Driver
CPU
CAN I/F
10 A
11 A
GR
W
10 AJ5
9 AJ5
J74
Junction Connector
3
14
4
15
R
W
1
12
J75
Junction Connector
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
BR
W
SB
W
BR
W
J3

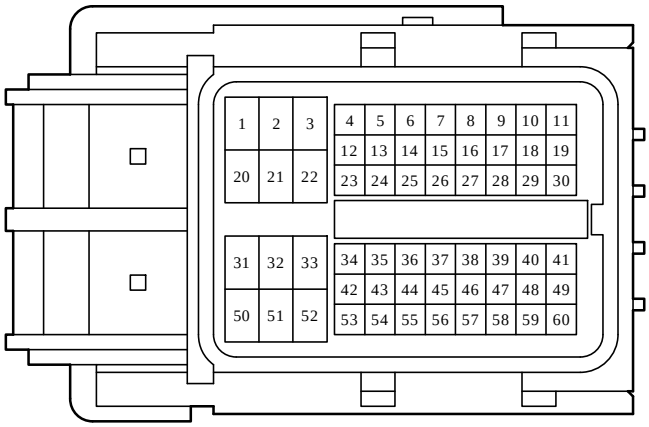
A 1
Yellow



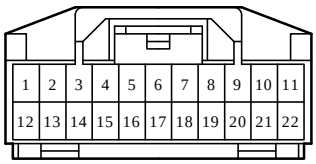
A 2
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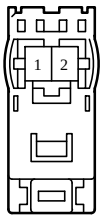
A 24
Black



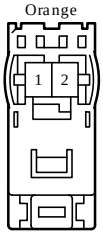
A 49
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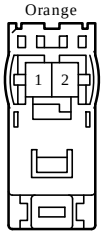
I 1
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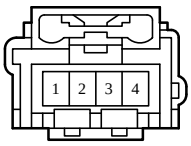
I 2
Orange



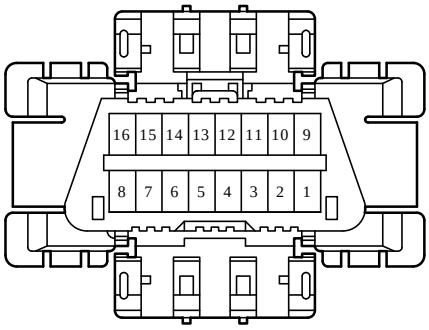
I 3
Orange



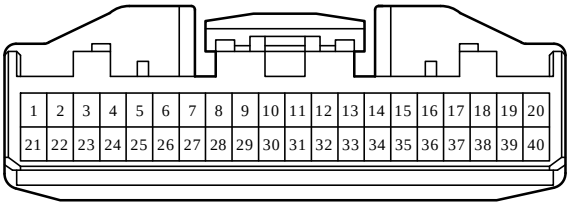
J 11
Yellow



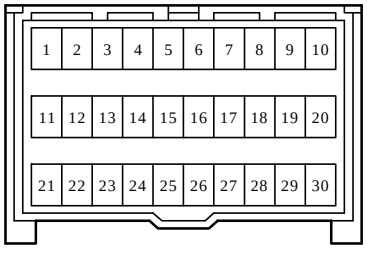
J 17
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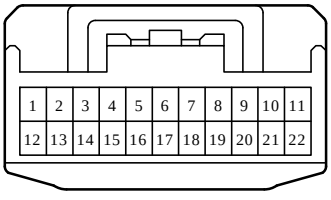
J 28
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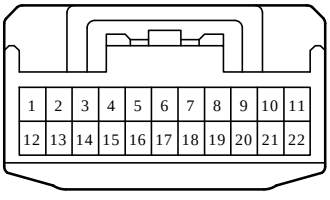
J 46
Yellow



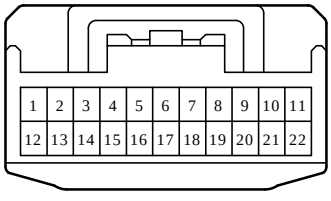
J 61
Gray



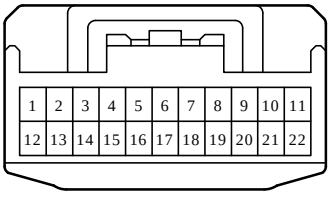
J 70
Blue



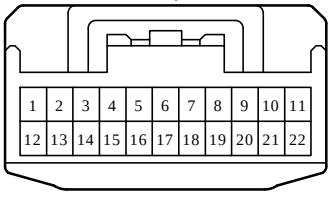
J 72
Black



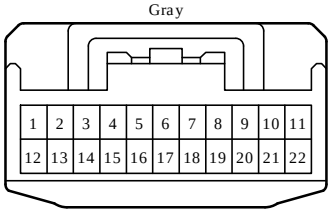
J 73
Black



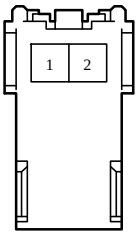
J 74
Gray



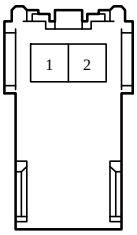
J 75
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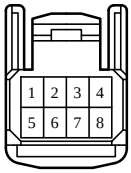
J109
Yellow



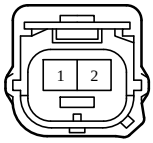
J110
Yellow



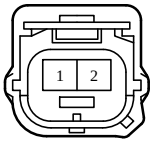
J127
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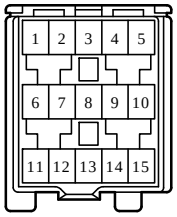
M 9
Yellow



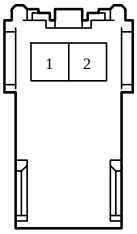
N 11
Yellow



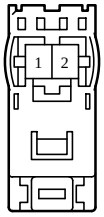
P 1
Yellow



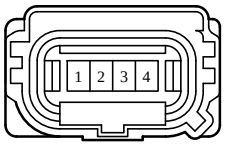
P 2
Yellow



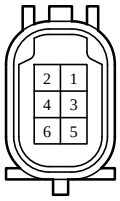
P 3
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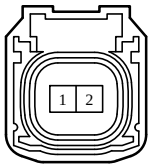
P 4
Yellow



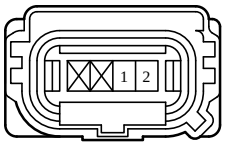
P 7
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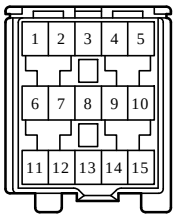
P 12
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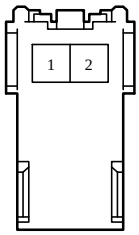
P 18
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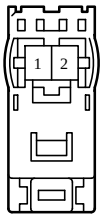
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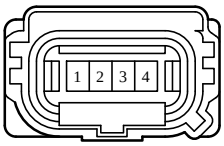
Q 2
Yellow



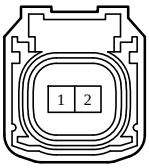
Q 3
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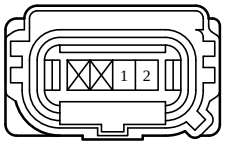
Q 4
Yellow



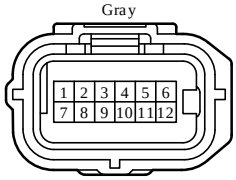
Q 9
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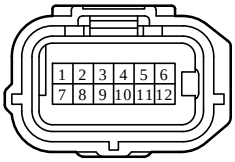
Q 14
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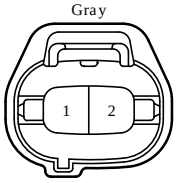
Y 1
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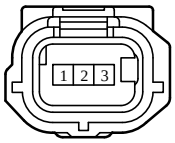
Y 2
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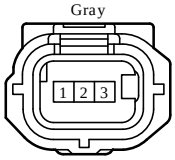
Y 3
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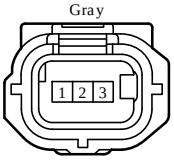
Y 4
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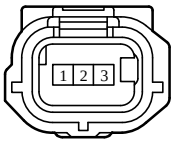
Y 5
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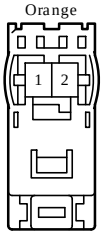
Y 6
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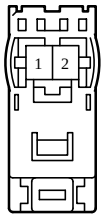
Y 7
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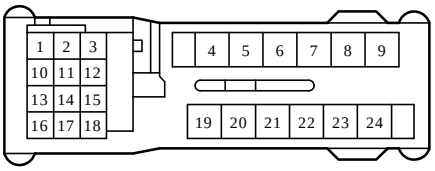
z 4
Orange



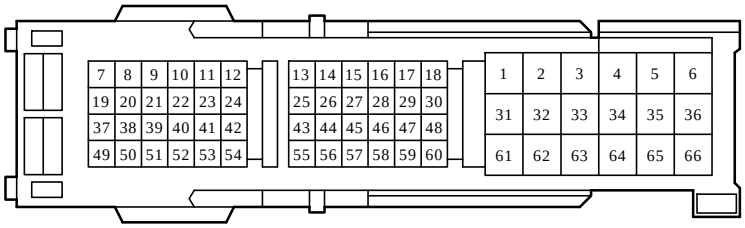
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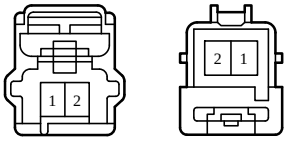
DB
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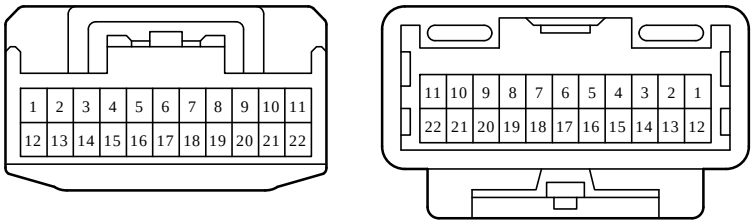
DD
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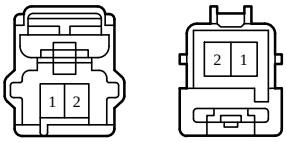
AJ1
Yellow



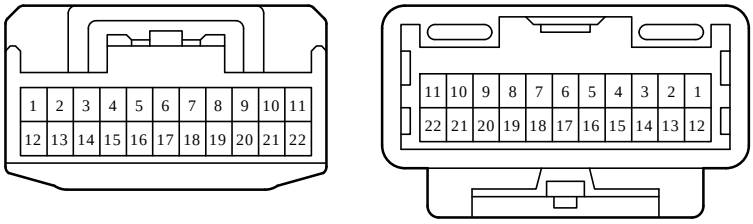
AJ5
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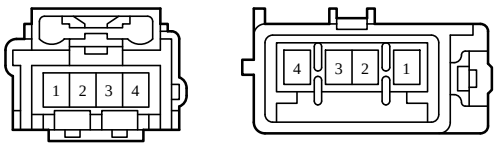
AJ8
Yellow



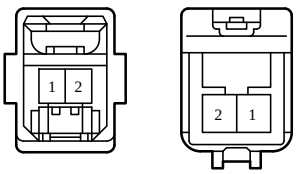
AJ10
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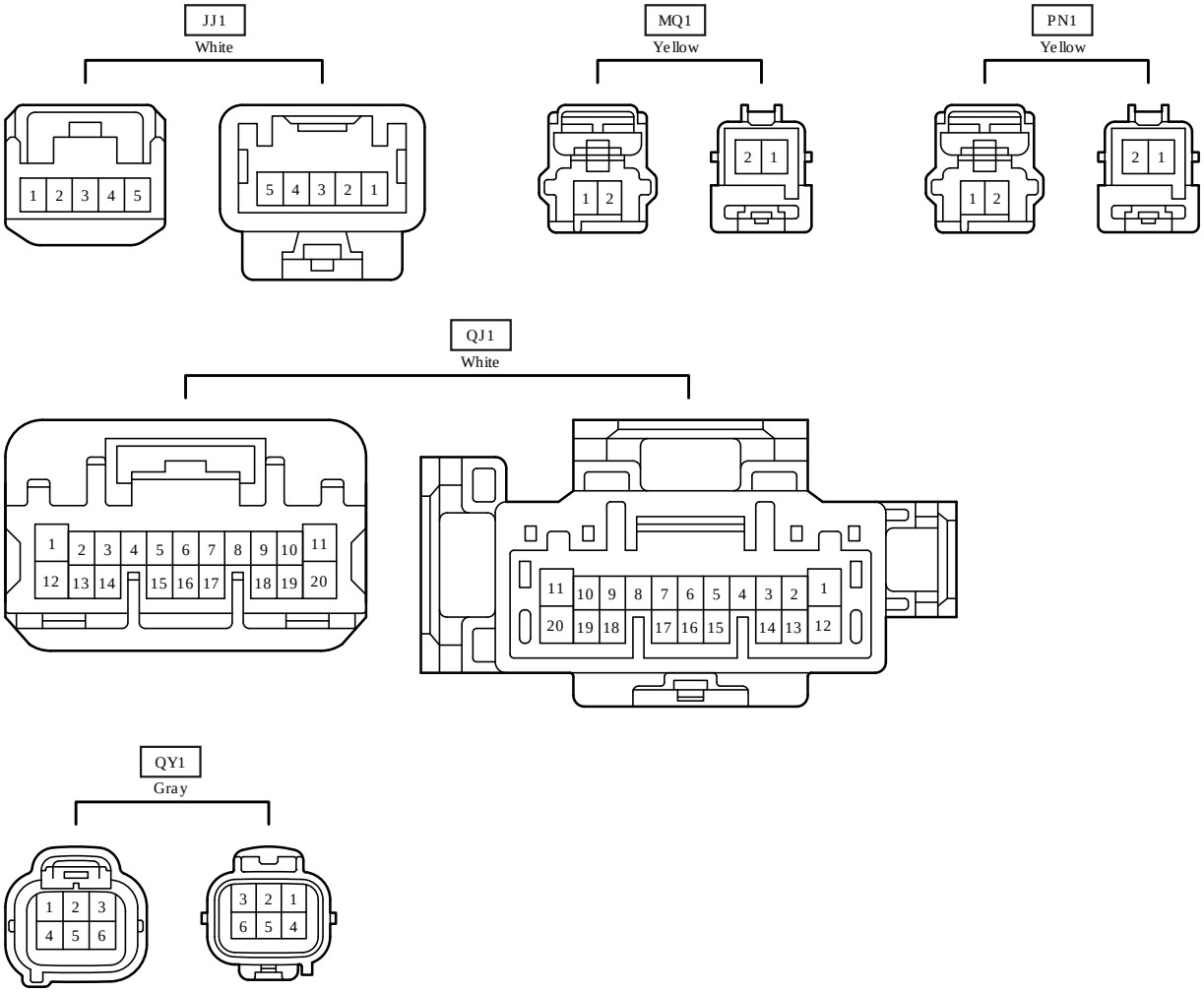


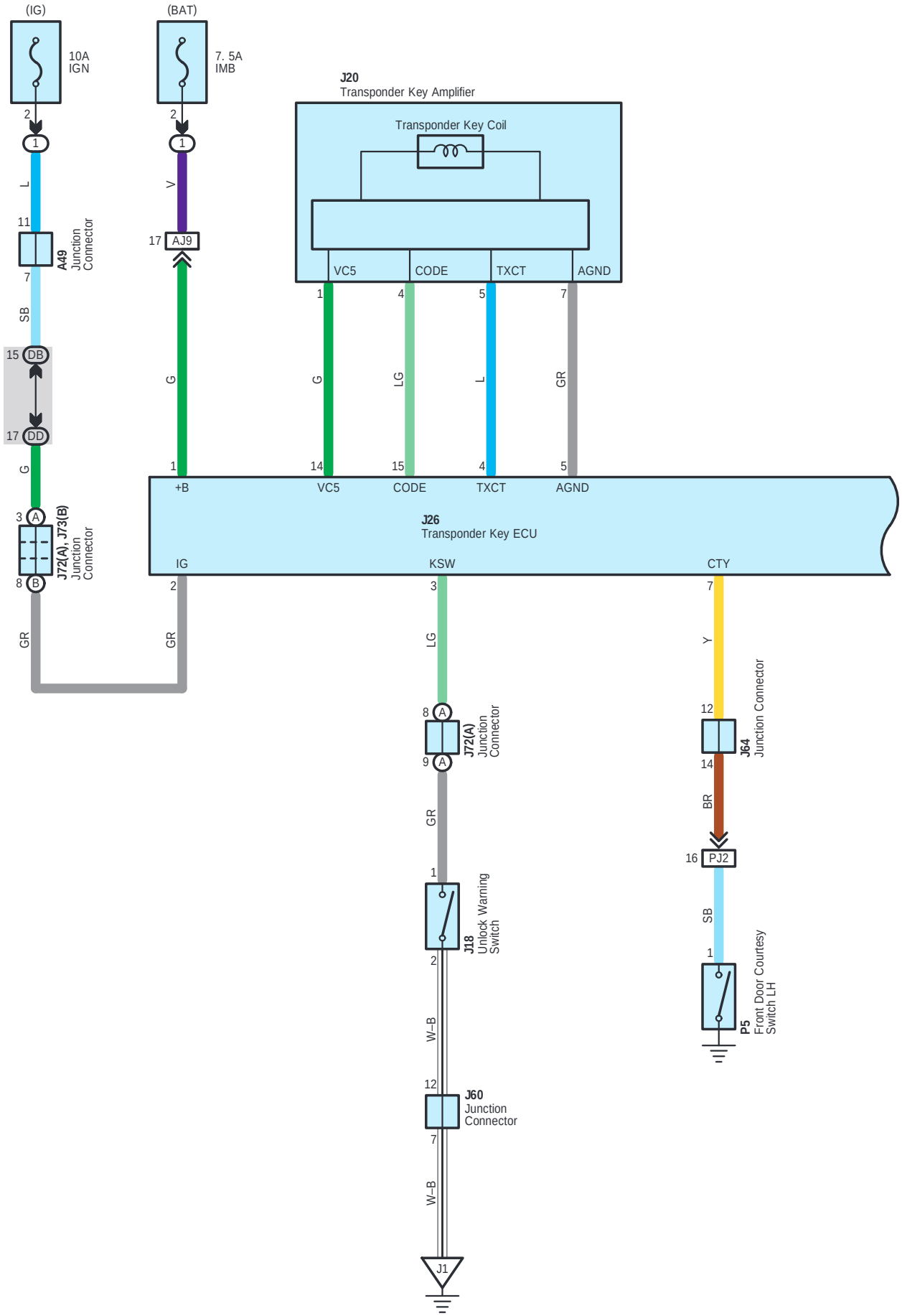
JI1
Yellow

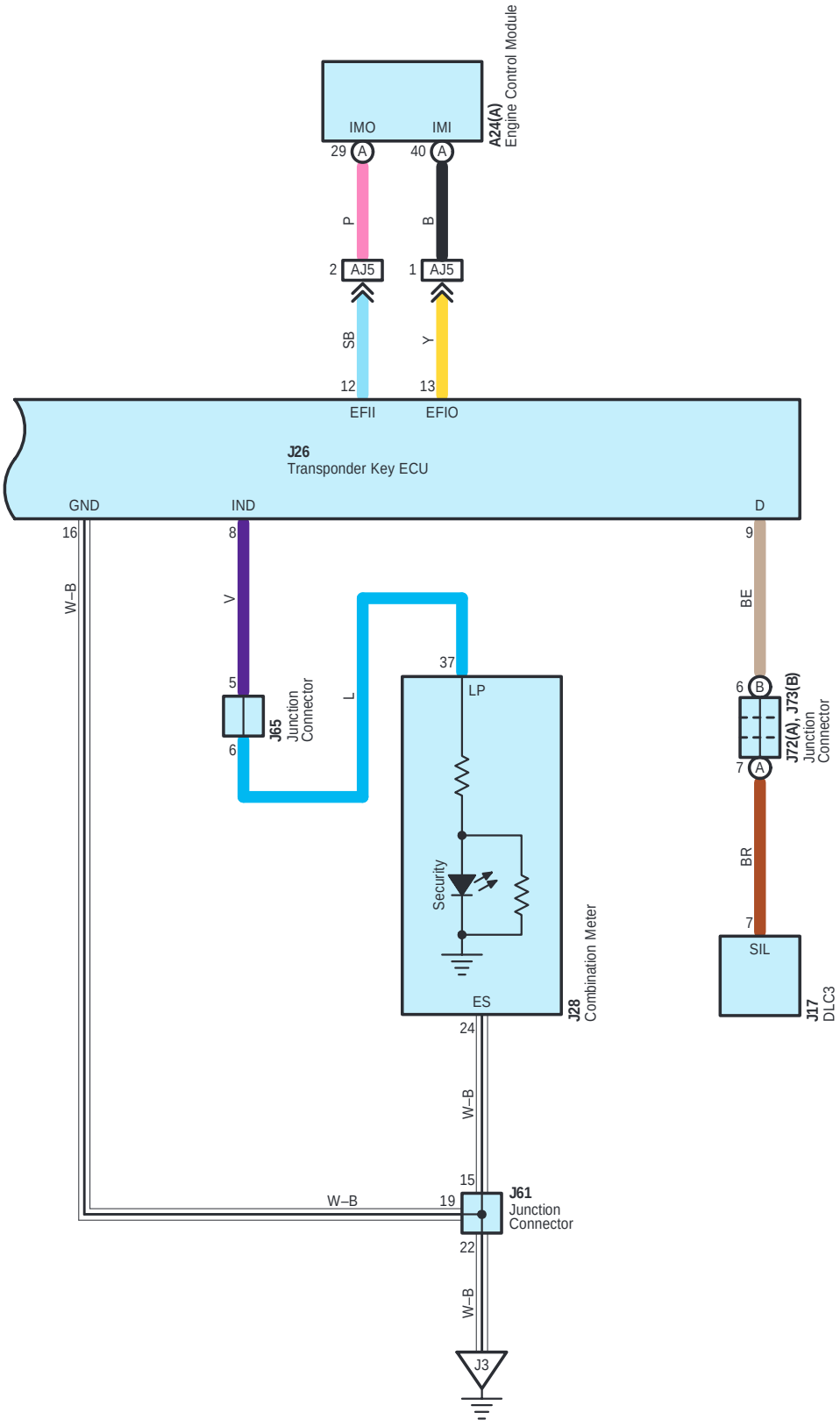


JI2
Yellow Orange

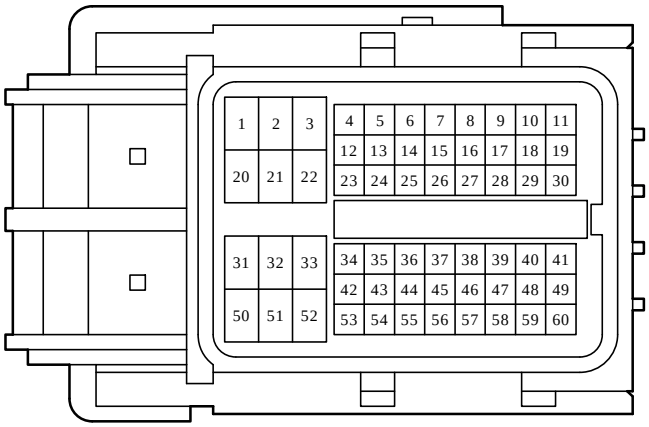



JJ1
White
1 2 3 4 5
5 4 3 2 1
MQ1
Yellow
1 2
2 1
PN1
Yellow
1 2
2 1
QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
QY1
Gray
1 2 3
4 5 6
3 2 1
6 5 4

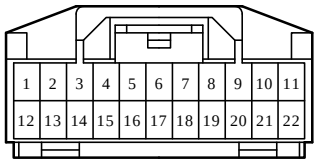

(IG)
10A
IGN
(BAT)
7. 5A
IMB
J20
Transponder Key Amplifier
Transponder Key Coil
VC5
CODE
TXCT
AGND
A49
Junction
Connector
AJ9
J72(A), J73(B)
Junction
Connector
J26
Transponder Key ECU
+B
IG
KSW
CTY
J72(A)
Junction
Connector
J18
Unlock Warning
Switch
J60
Junction
Connector
J1
J64
Junction Connector
PJ2
P5
Front Door Courtesy
Switch LH


A24(A)
Engine Control Module
IMO
IMI
29 A
40 A
P
B
2 AJ5
1 AJ5
SB
Y
12
13
EFII
EFIO
J26
Transponder Key ECU
GND
IND
D
16
8
9
W–B
V
BE
5
6
J65
Junction
Connector
L
37
LP
6 B
7 A
J72(A), J73(B)
Junction
Connector
BR
Security
7
SIL
ES
J28
Combination Meter
J17
DLC3
24
W–B
15
W–B
19
J61
Junction
Connector
22
W–B
J3

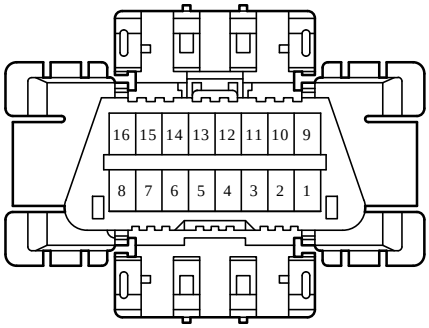
A 24
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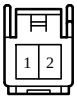
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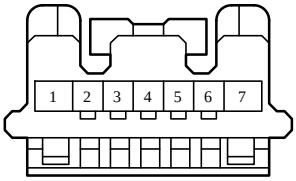
J 17
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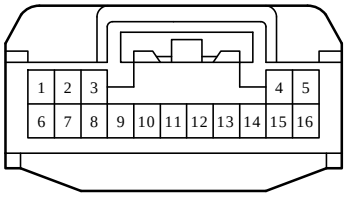
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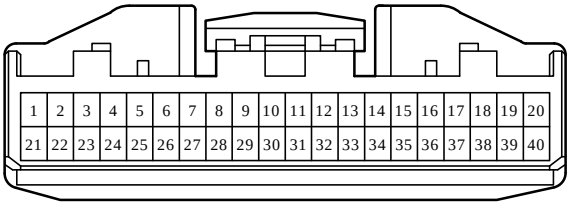
J 20
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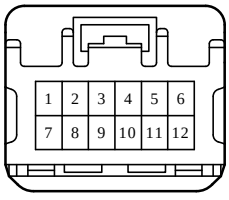
J 26
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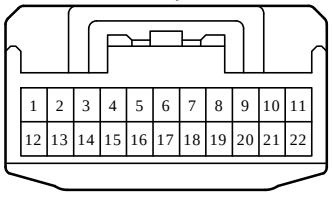
J 28
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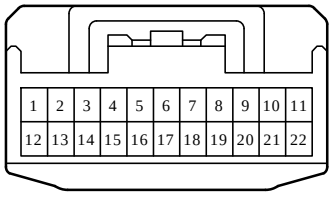
J 60
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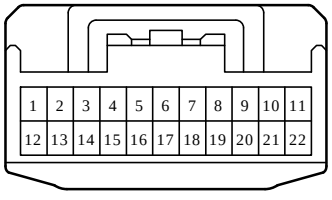
J 61
Gray



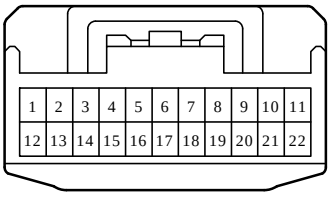
J 64
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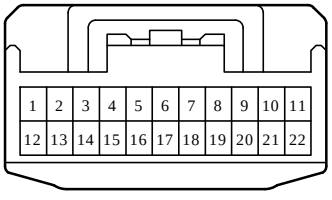
J 65
White



J 72
Black



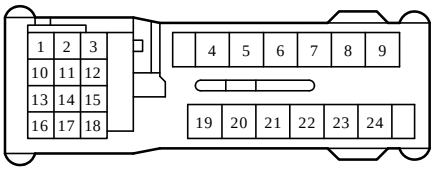
J 73
Black



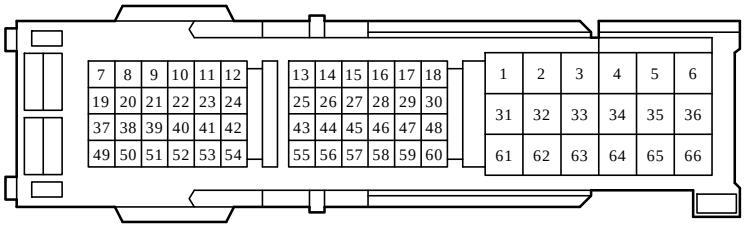
P 5
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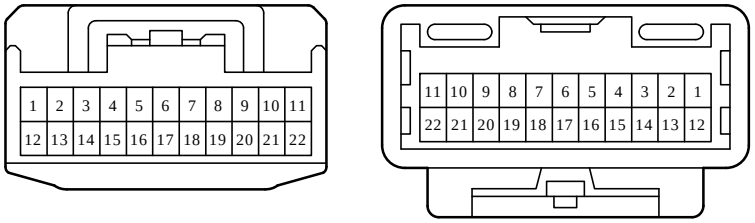
DB
White



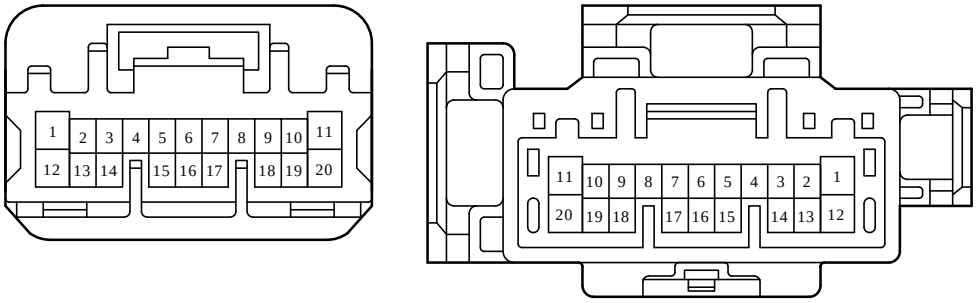
DD
White



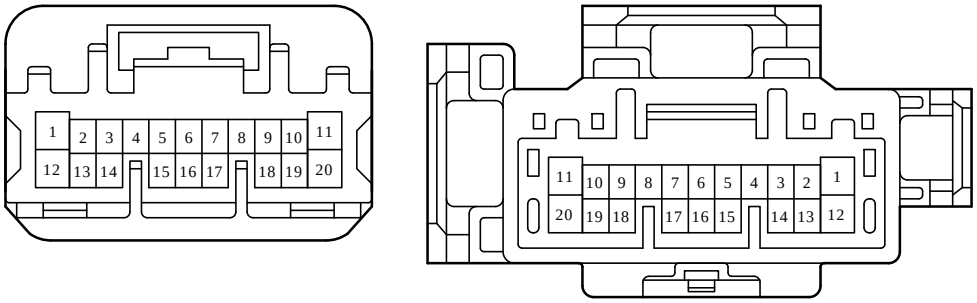
AJ5
Gray

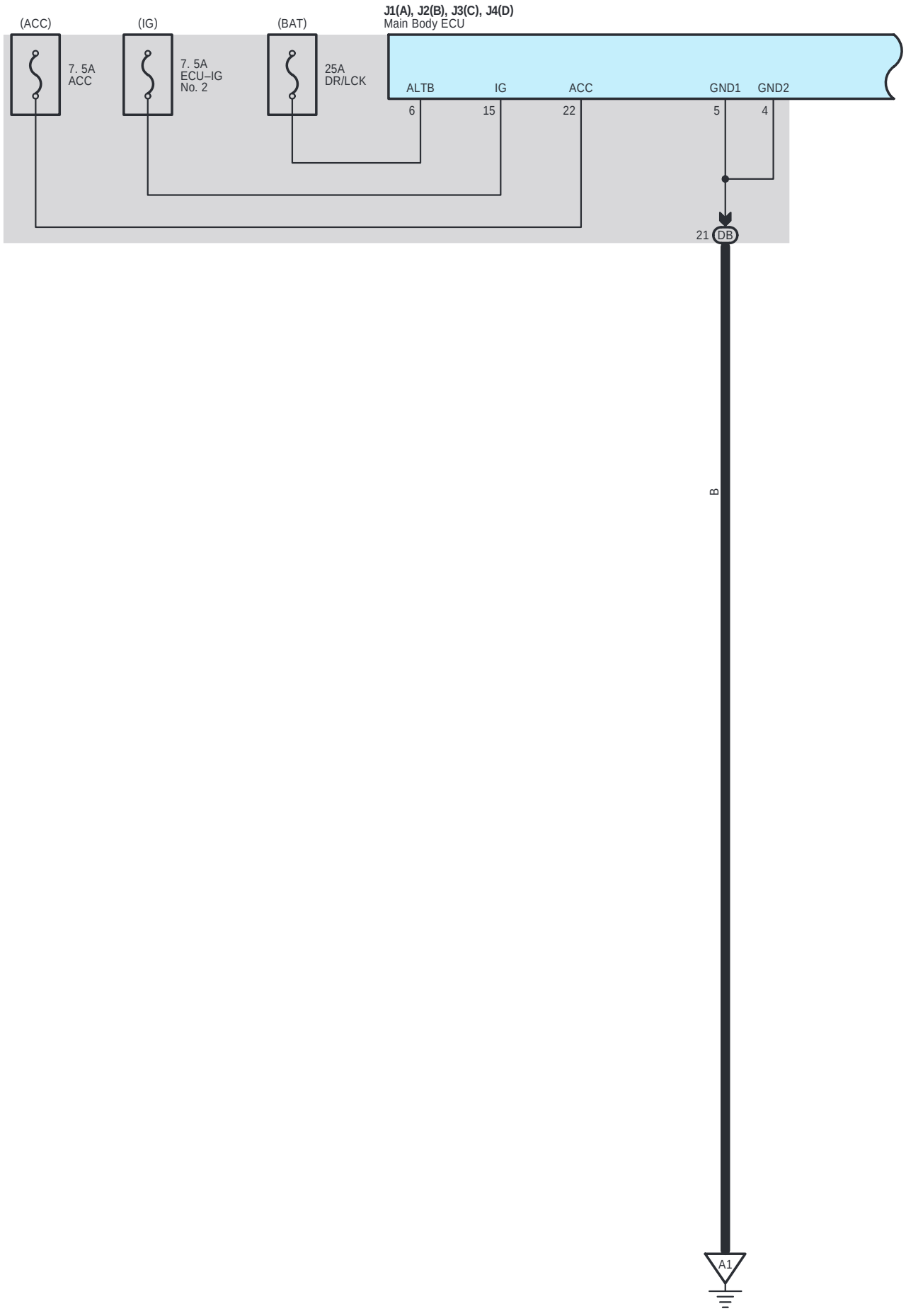


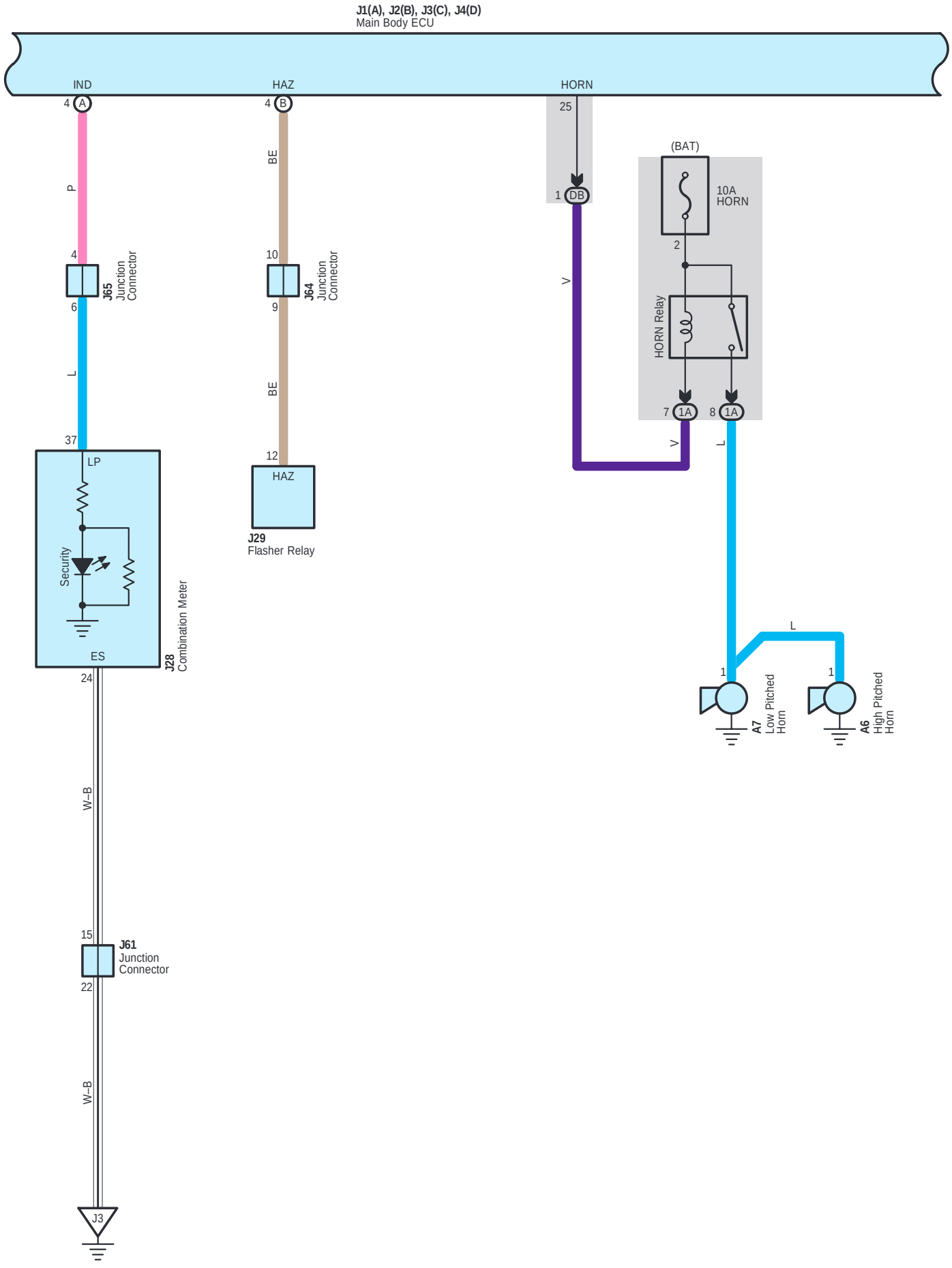
AJ9
White

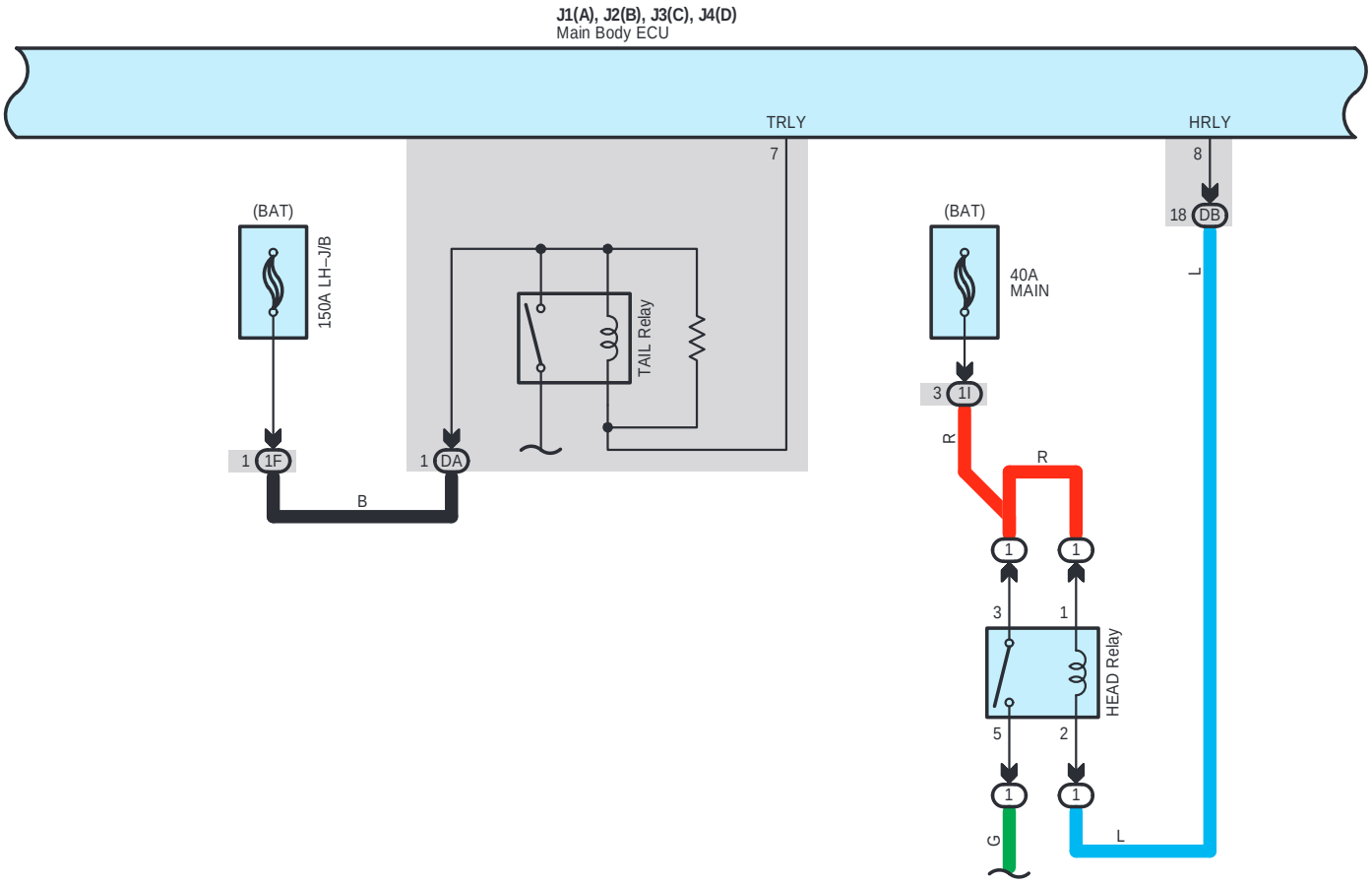


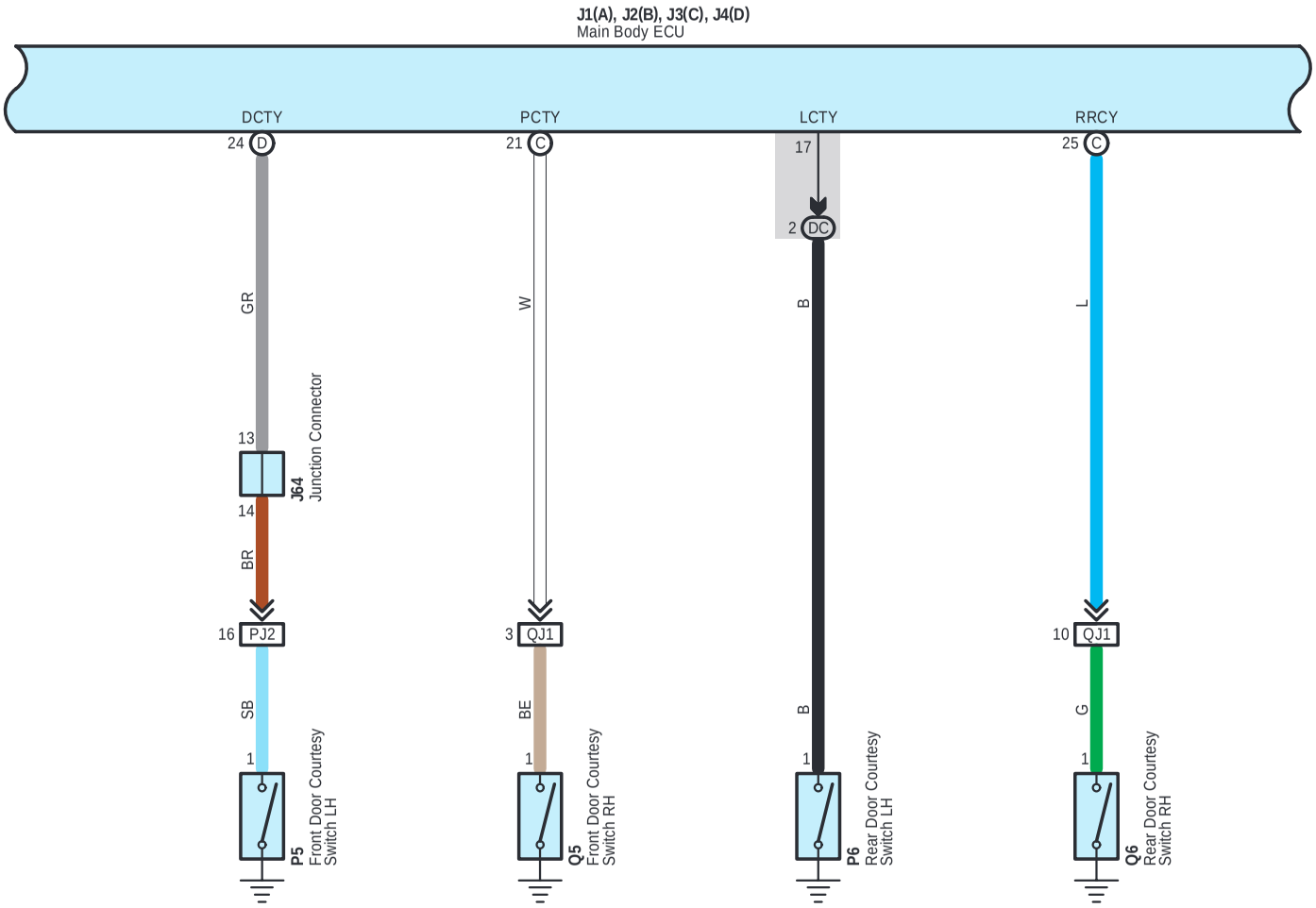
PJ2
White

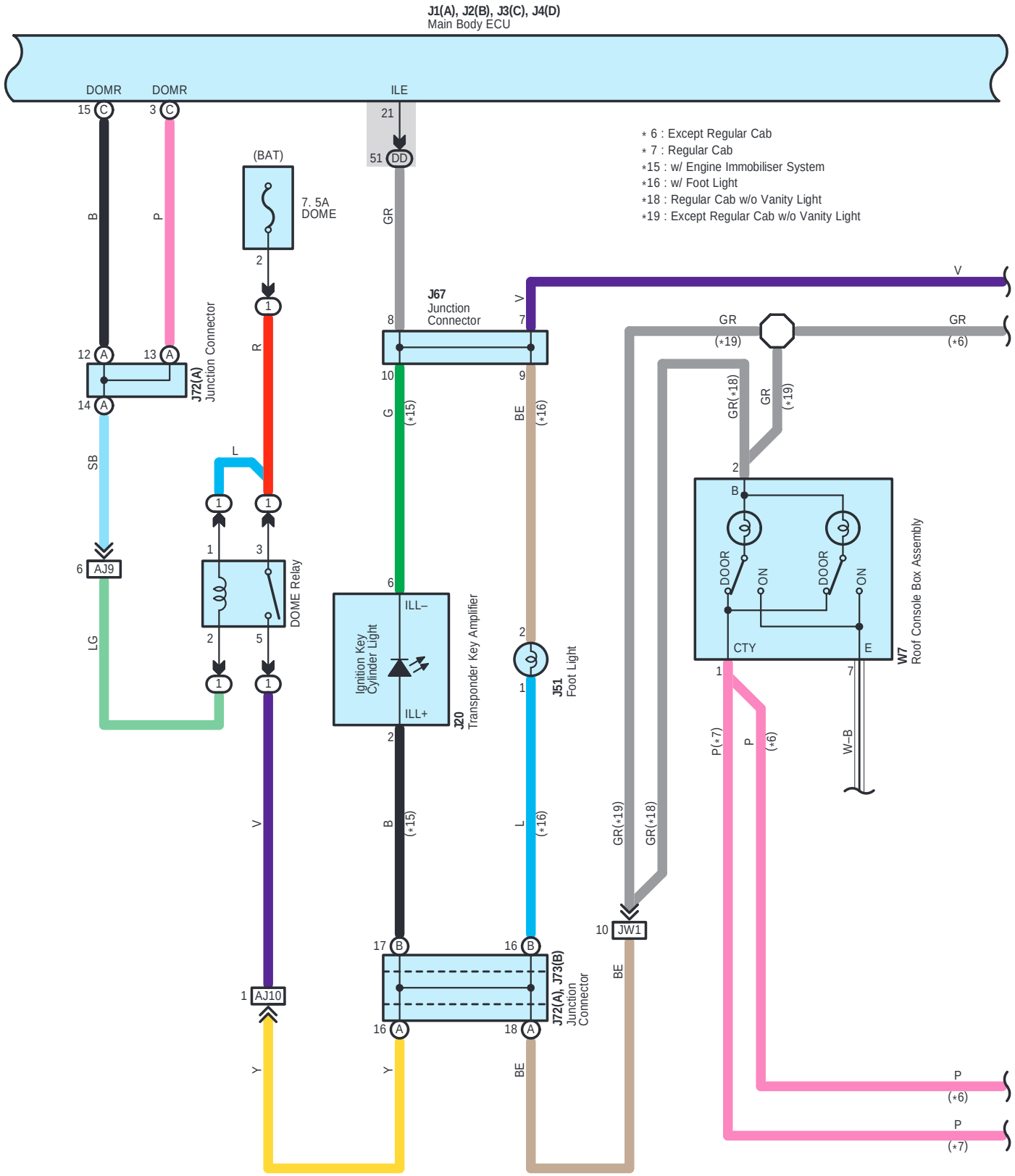


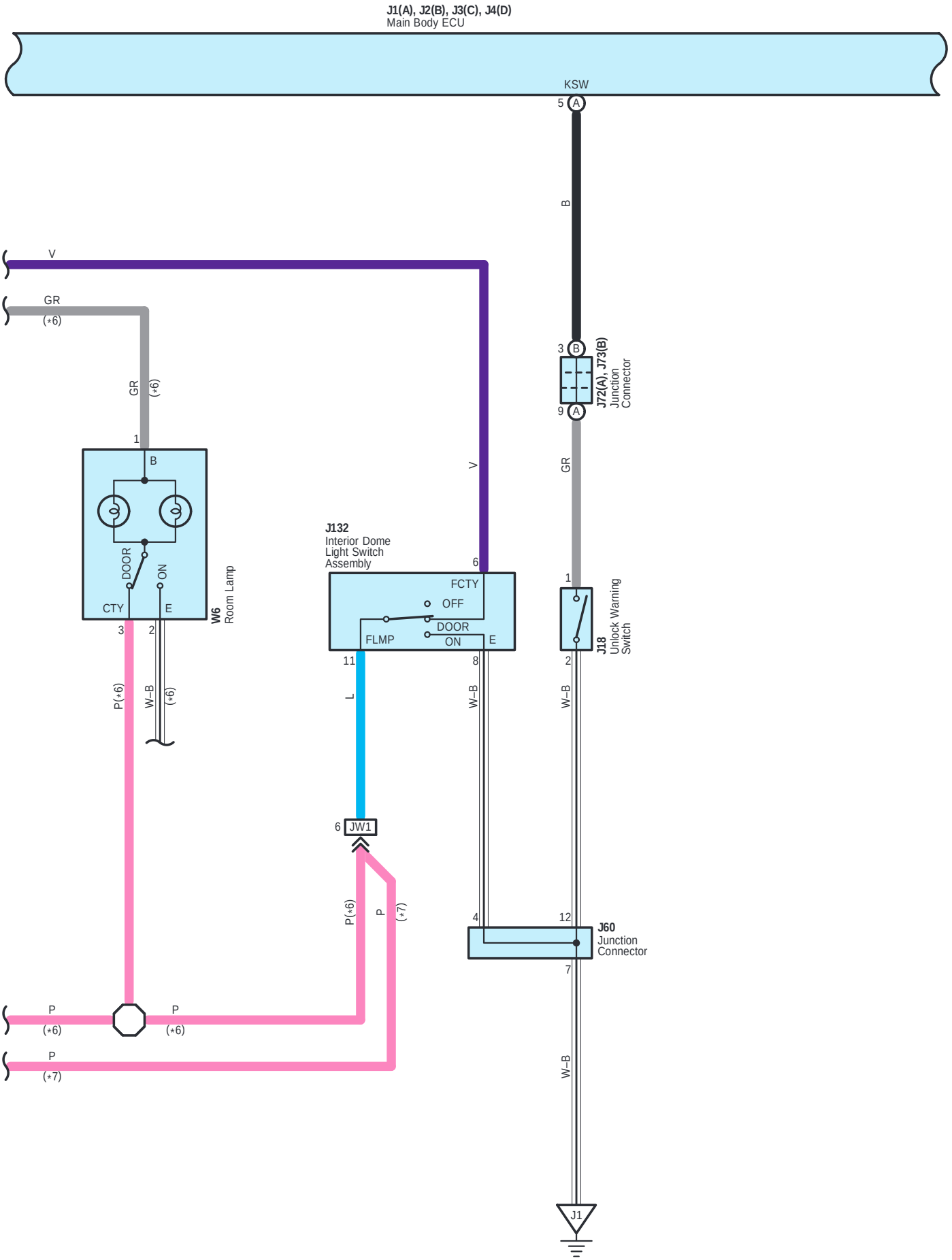

(ACC)
(IG)
(BAT)
J1(A), J2(B), J3(C), J4(D)
Main Body ECU
7. 5A
ACC
7. 5A
ECU–IG
No. 2
25A
DR/LCK
ALTB
IG
ACC
GND1
GND2
6
15
22
5
4
21
DB
B
A1

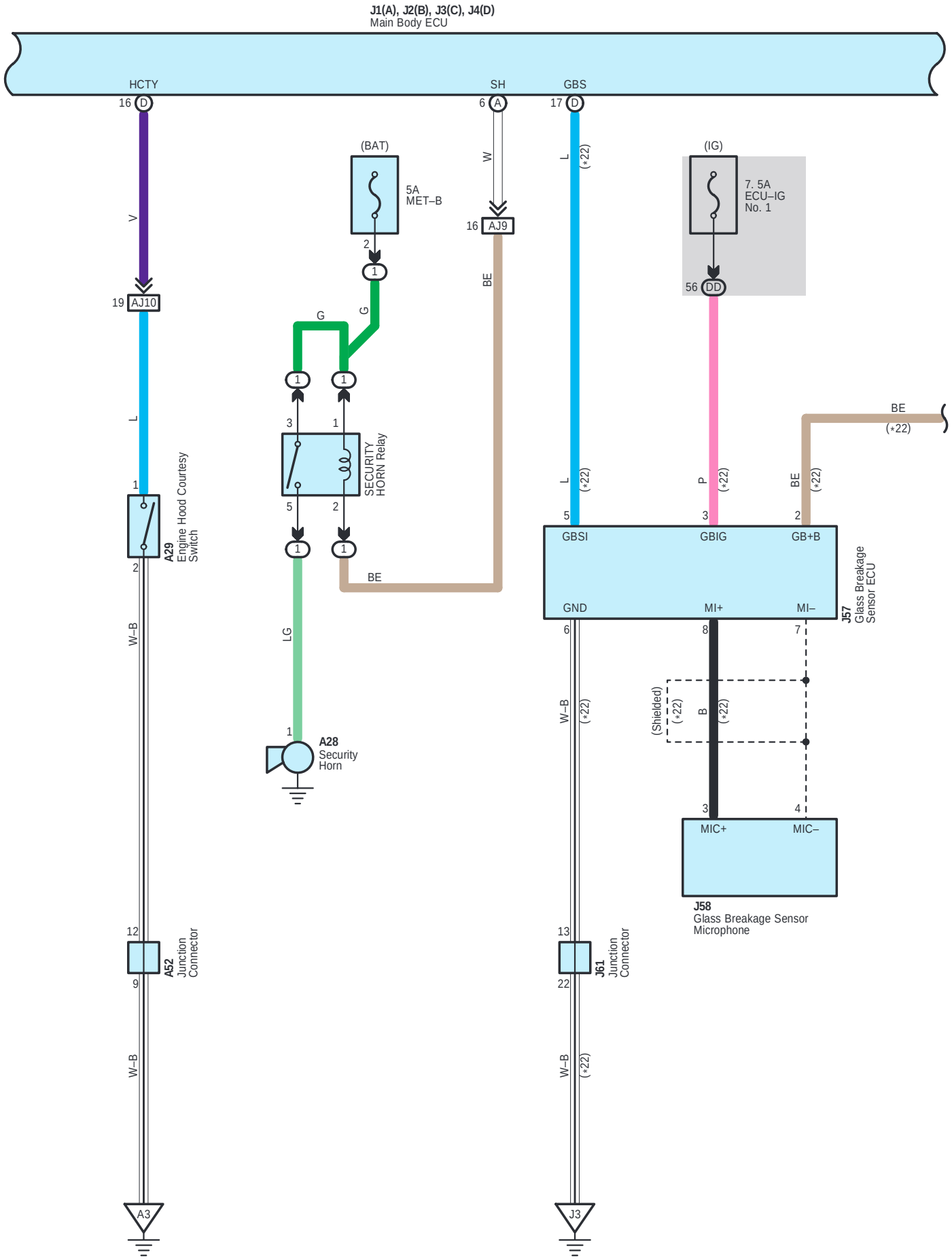

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
IND
HAZ
HORN
4 A
4 B
25
P
BE
V
(BAT)
10A
HORN
2
HORN Relay
1 DB
7 1A
8 1A
4
10
J65
Junction
Connector
J64
Junction
Connector
6
9
L
BE
V
L
37
12
LP
HAZ
Security
ES
J28
Combination Meter
J29
Flasher Relay
L
1
1
A7
Low Pitched
Horn
A6
High Pitched
Horn
24
W–B
15
J61
Junction
Connector
22
W–B
J3

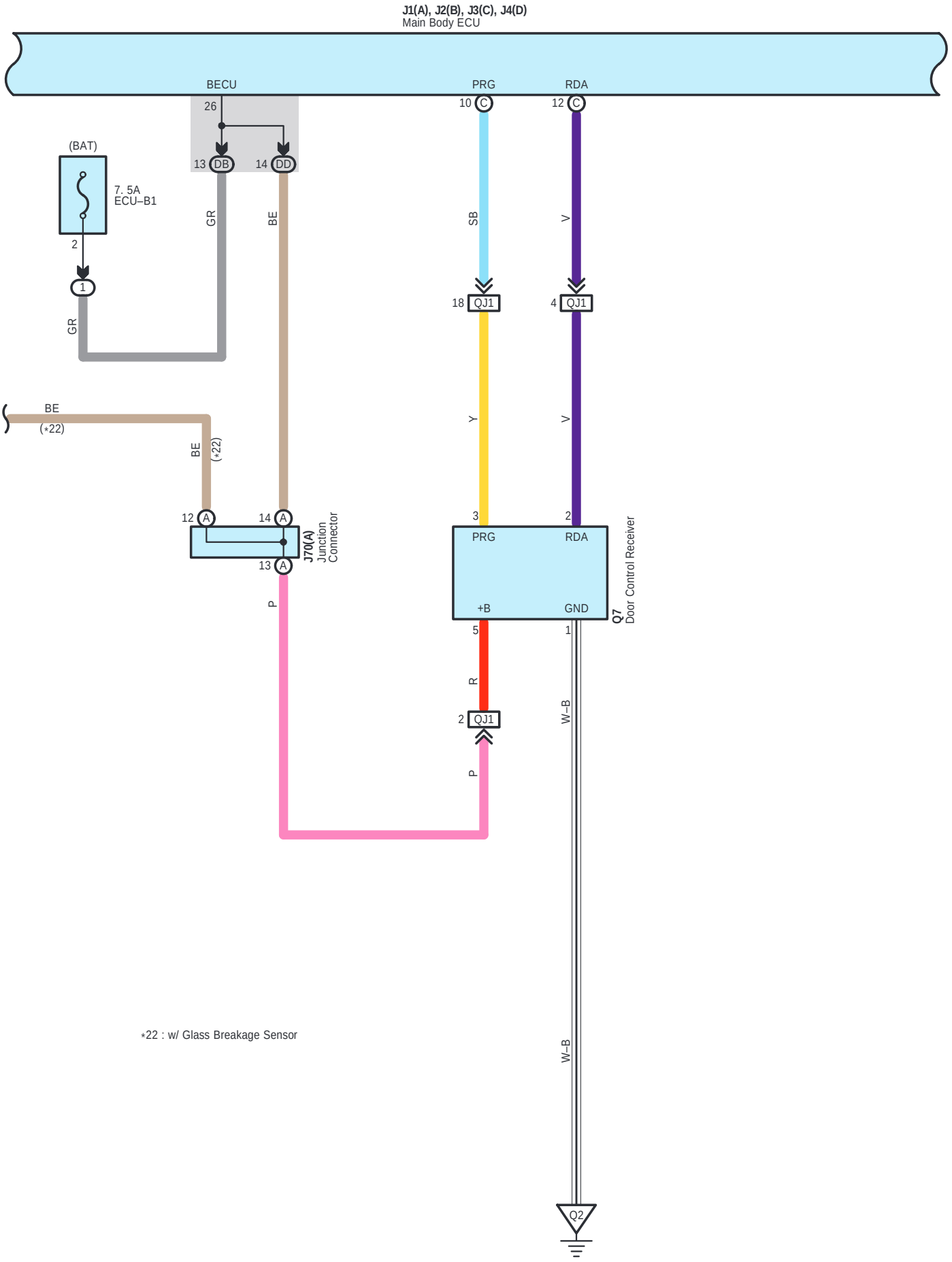

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
TRLY
7
HRLY
8
(BAT)
150A LH–J/B
1 1F
B
1 DA
TAIL Relay
(BAT)
40A
MAIN
3 1I
R
R
1
1
3
1
HEAD Relay
5
2
1
1
G
L
18 DB
L

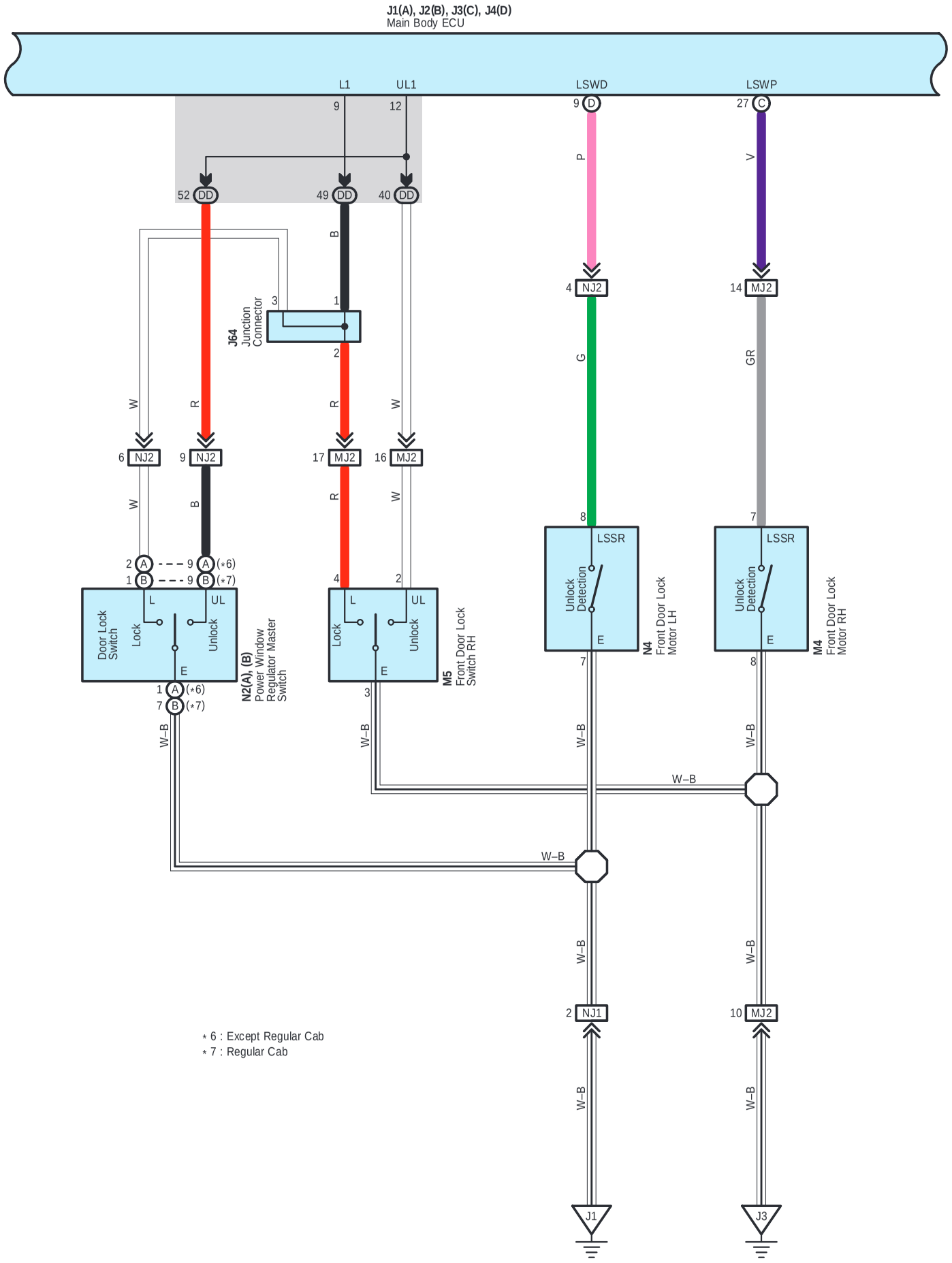

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
DCTY
PCTY
LCTY
RRCY
24 D
21 C
17
2 DC
25 C
GR
W
B
L
13
J64
Junction Connector
14
BR
16 PJ2
3 QJ1
10 QJ1
SB
BE
B
G
1
P5
Front Door Courtesy Switch LH
Q5
Front Door Courtesy Switch RH
P6
Rear Door Courtesy Switch LH
Q6
Rear Door Courtesy Switch RH

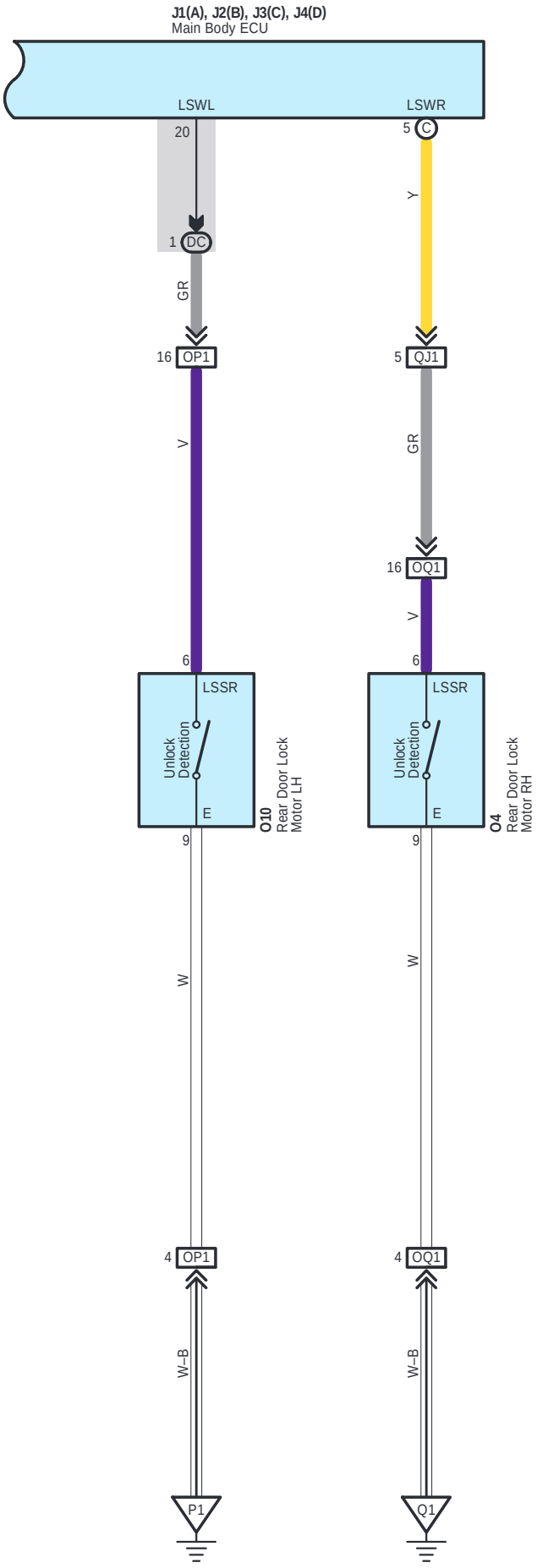

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
DOMR
DOMR
ILE
15 C
3 C
21
51 DD
(BAT)
7. 5A
DOME
2
1
B
P
GR
R
L
12 A
13 A
14 A
J72(A)
Junction Connector
SB
LG
6 AJ9
1
3
2
5
DOME Relay
V
1 AJ10
Y
Y
J67
Junction
Connector
8
7
10
9
G
(*15)
BE
(*16)
6
ILL−
ILL+
Ignition Key
Cylinder Light
J20
Transponder Key Amplifier
2
B
(*15)
17 B
16 A
16 B
18 A
J72(A), J73(B)
Junction
Connector
BE
L
(*16)
2
1
J51
Foot Light
V
GR
(*19)
GR
(*6)
GR(*19)
GR(*18)
10 JW1
GR(*18)
GR
(*19)
2
B
DOOR
ON
DOOR
ON
CTY
E
W7
Roof Console Box Assembly
1
7
P(*7)
P
(*6)
W−B
P
(*6)
P
(*7)
* 6 : Except Regular Cab
* 7 : Regular Cab
*15 : w/ Engine Immobiliser System
*16 : w/ Foot Light
*18 : Regular Cab w/o Vanity Light
*19 : Except Regular Cab w/o Vanity Light


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
KSW
5
A
B
V
GR
(*6)
3
B
J72(A), J73(B)
Junction
Connector
9
A
GR
(*6)
1
B
DOOR
ON
CTY
E
W6
Room Lamp
3
2
P(*6)
W–B
(*6)
V
J132
Interior Dome
Light Switch
Assembly
6
FCTY
OFF
DOOR
ON
FLMP
E
11
8
L
W–B
6
JW1
P(*6)
P
(*7)
1
J18
Unlock Warning
Switch
2
W–B
4
12
J60
Junction
Connector
7
W–B
J1
P
(*6)
P
(*6)
P
(*7)

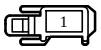

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
HCTY
16 D
V
19 AJ10
L
1
A29
Engine Hood Courtesy Switch
2
W–B
12
A52
Junction Connector
9
W–B
A3
(BAT)
5A
MET–B
2
1
G
G
1
1
3
1
SECURITY HORN Relay
5
2
1
1
LG
1
A28
Security Horn
BE
SH
6 A
W
16 AJ9
BE
GBS
17 D
L
(*22)
L
(*22)
5
GBSI
GND
6
W–B
(*22)
13
J61
Junction Connector
22
W–B
(*22)
J3
(IG)
7. 5A
ECU–IG
No. 1
56 DD
P
(*22)
3
GBIG
MI+
8
B
(*22)
(Shielded)
(*22)
3
MIC+
4
MIC–
J58
Glass Breakage Sensor Microphone
BE
(*22)
BE
(*22)
2
GB+B
MI–
7
J57
Glass Breakage Sensor ECU


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
BECU
PRG
RDA
26
10 C
12 C
(BAT)
13 DB
14 DD
7. 5A
ECU–B1
2
1
GR
GR
BE
SB
V
18 QJ1
4 QJ1
BE
(*22)
BE
(*22)
Y
V
12 A
14 A
J70(A)
Junction
Connector
13 A
3
2
PRG
RDA
+B
GND
Q7
Door Control Receiver
P
5
1
R
W–B
2 QJ1
P
W–B
Q2
*22 : w/ Glass Breakage Sensor

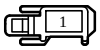

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
L1
UL1
LSWD
LSWP
9
12
9 D
27 C
52 DD
49 DD
40 DD
P
V
B
4 NJ2
14 MJ2
G
GR
J64
Junction
Connector
3
1
2
W
R
R
W
6 NJ2
9 NJ2
17 MJ2
16 MJ2
W
B
R
W
8
7
LSSR
LSSR
2 A
1 B
9 A (*6)
9 B (*7)
4
2
Unlock
Detection
Unlock
Detection
L
UL
L
UL
Door Lock
Switch
Lock
Unlock
Lock
Unlock
E
E
E
1 A (*6)
7 B (*7)
3
7
8
N2(A), (B)
Power Window
Regulator Master
Switch
M5
Front Door Lock
Switch RH
N4
Front Door Lock
Motor LH
M4
Front Door Lock
Motor RH
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
2 NJ1
10 MJ2
W–B
W–B
J1
J3
* 6 : Except Regular Cab
* 7 : Regular Cab


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
LSWL
LSWR
20
5
C
Y
1
DC
GR
16
OP1
5
QJ1
V
GR
16
OQ1
V
6
6
LSSR
LSSR
Unlock Detection
Unlock Detection
E
E
O10
Rear Door Lock Motor LH
O4
Rear Door Lock Motor RH
9
9
W
W
4
OP1
4
OQ1
W–B
W–B
P1
Q1

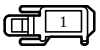
A 6
Black



A 7
Black



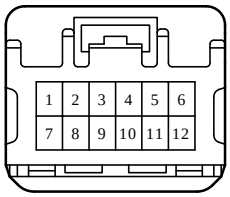
A 28
Black



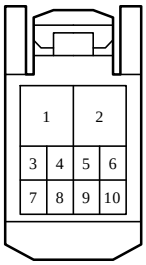
A 29
Black



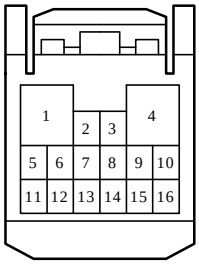
A 52
White



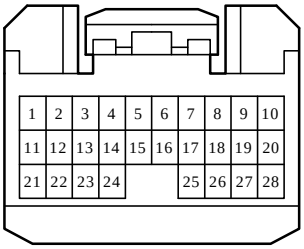
J 1
White



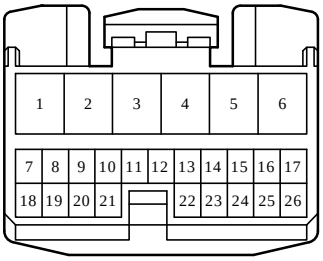
J 2
White



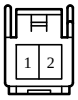
J 3
White



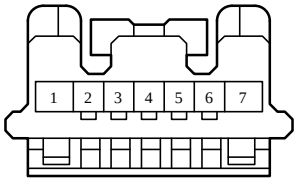
J 4
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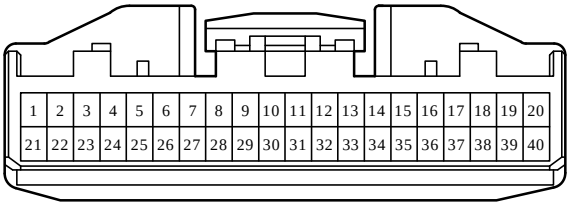
J 18
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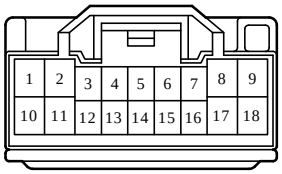
J 20
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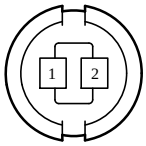
J 28
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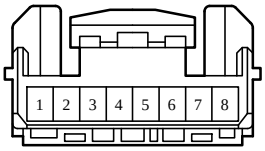
J 29
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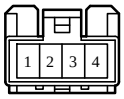
J 51
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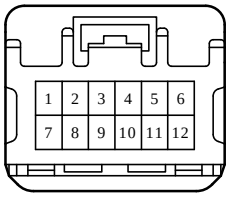
J 57
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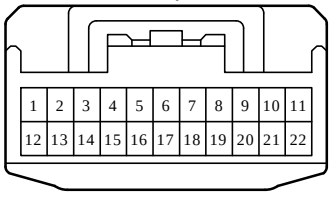
J 58
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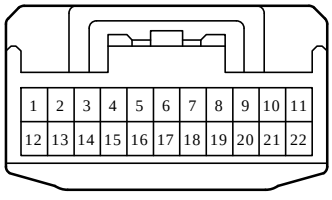
J 60
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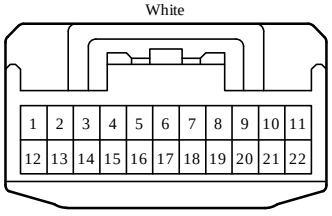
J 61
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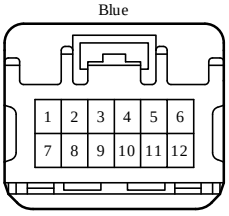
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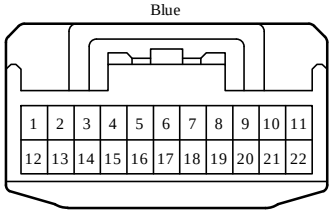
J 65
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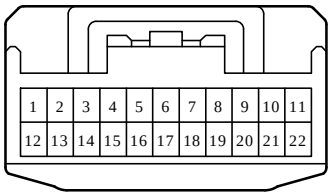
J 67
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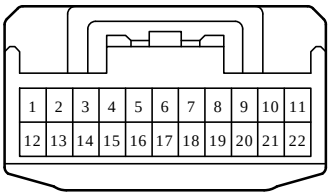
J 70
Blue



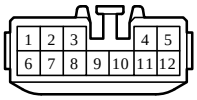
J 72
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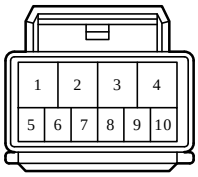
J 73
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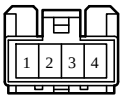
J132
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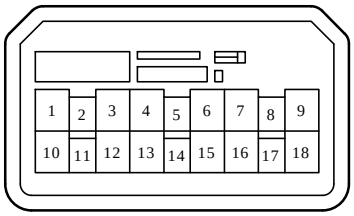
M 4
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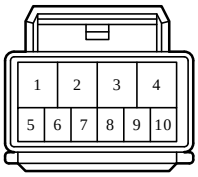
M 5
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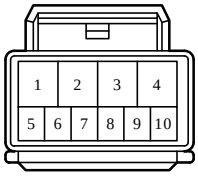
N 2
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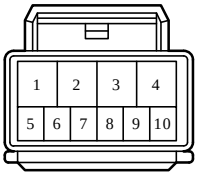
N 4
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O 4
White



O 10
White



P 5
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P 6
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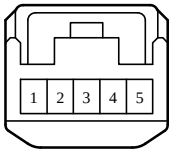
Q 5
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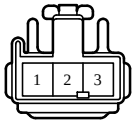
Q 6
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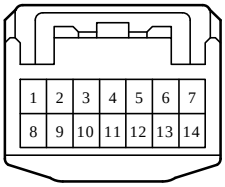
Q 7
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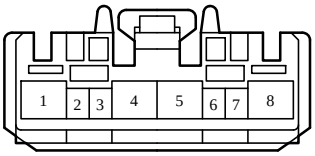
W 6
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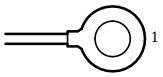
W 7
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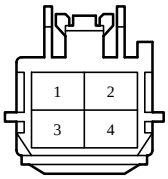
1A
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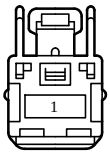
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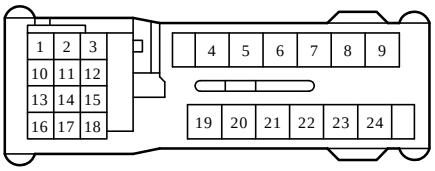
1I
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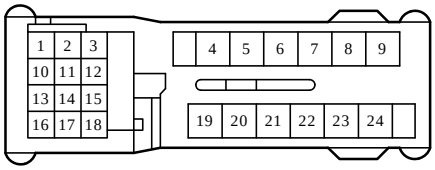
DA
White



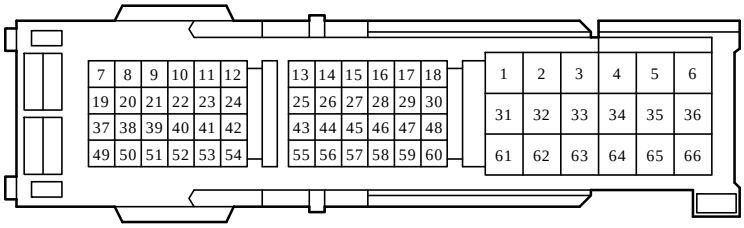
DB
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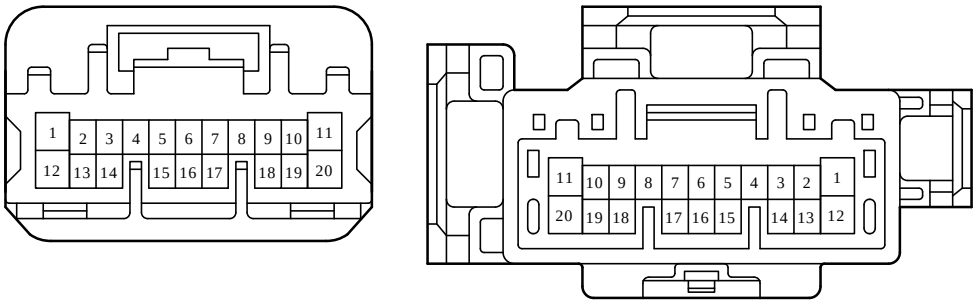
DC
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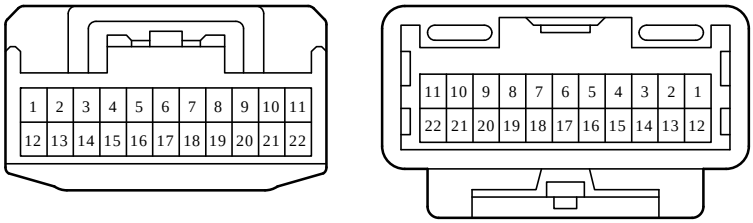
DD
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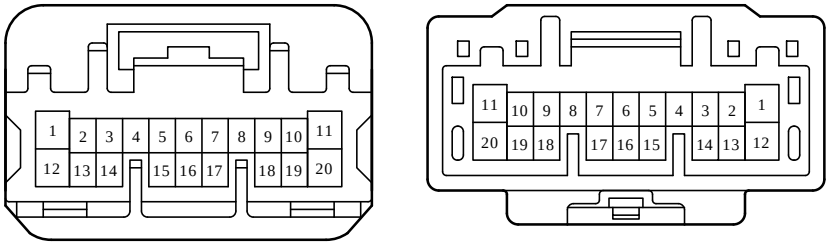
AJ9
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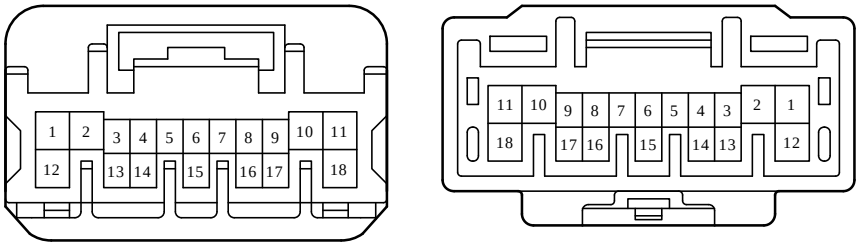
AJ10
Gray



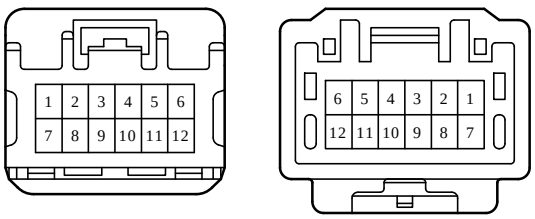
JW1
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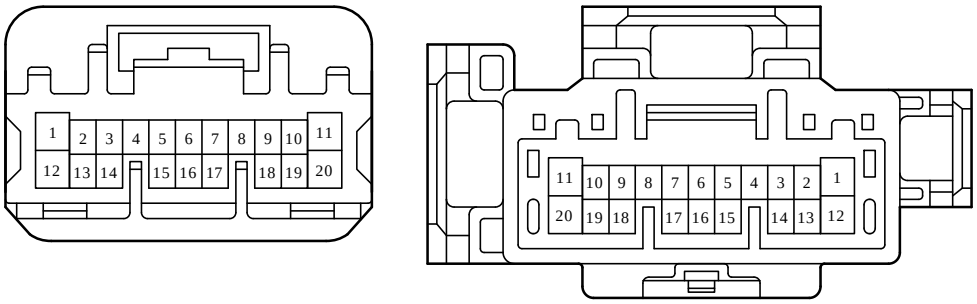
MJ2
Blue



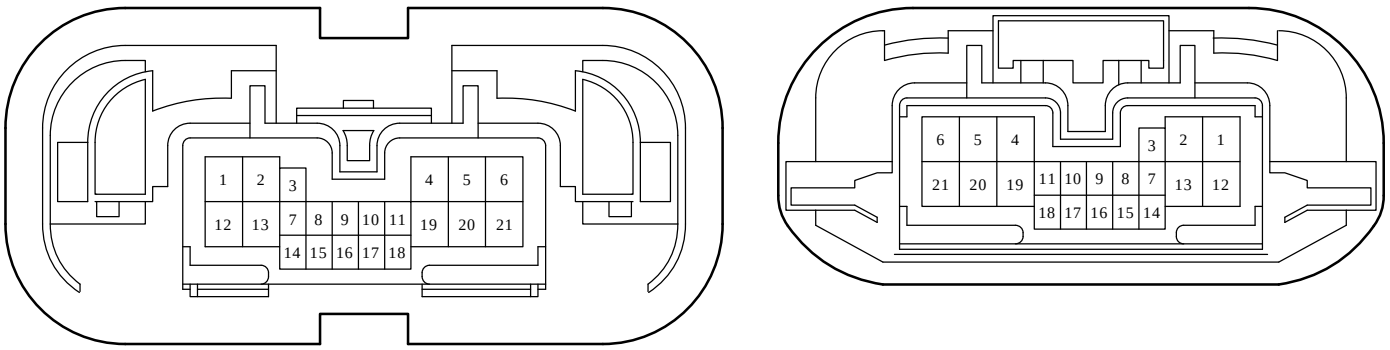
NJ1
Blue



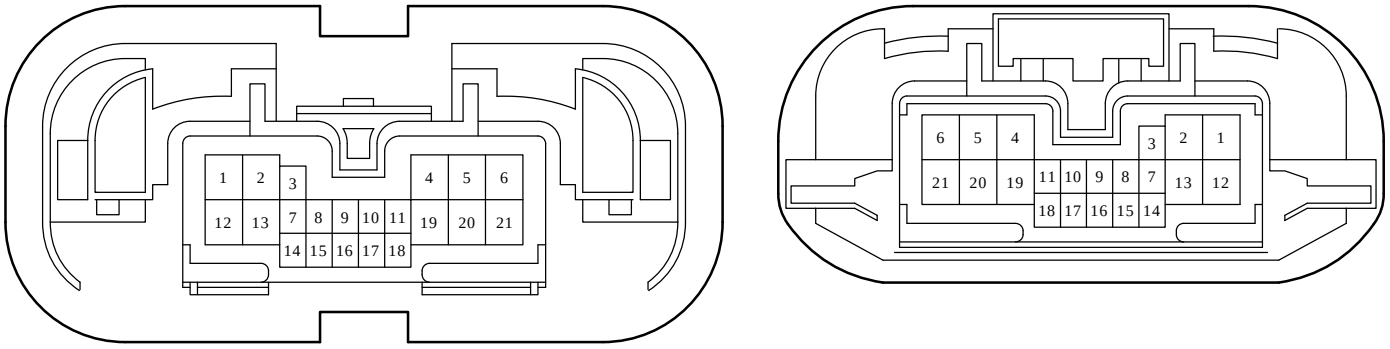
NJ2
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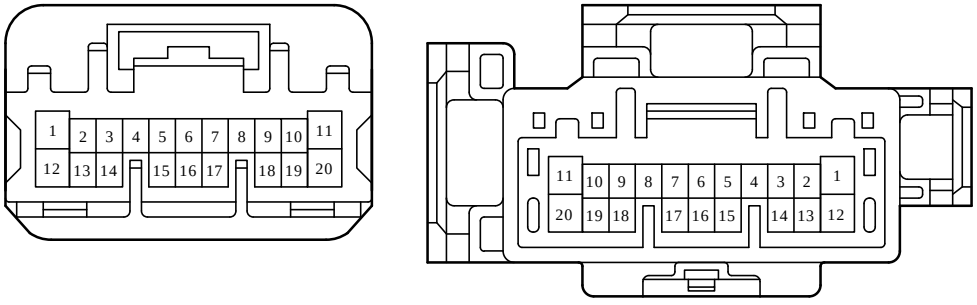
OP1
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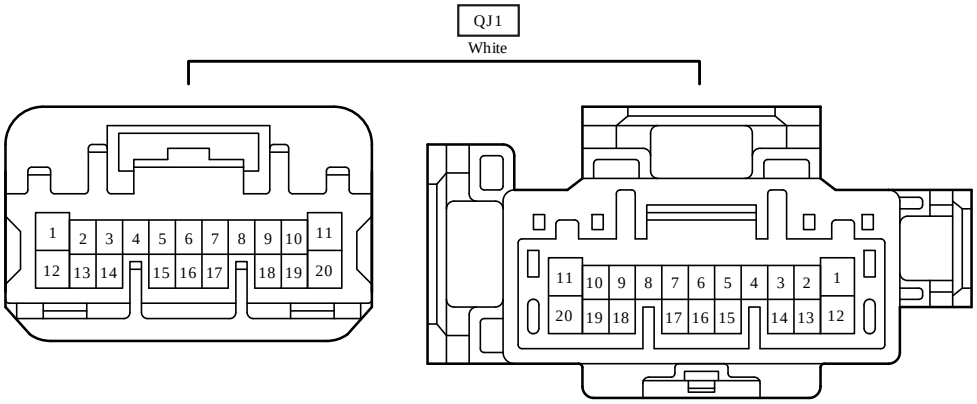


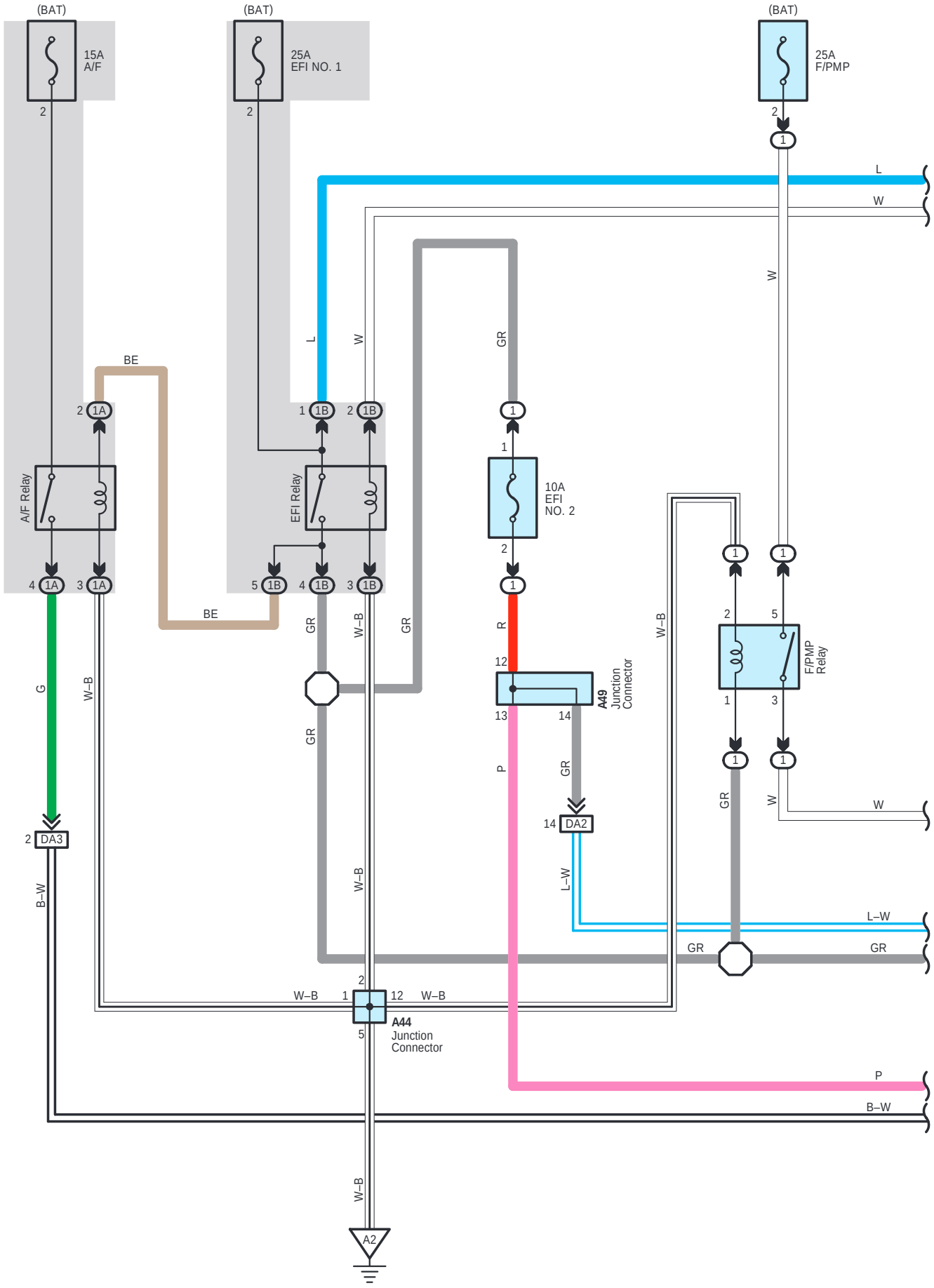
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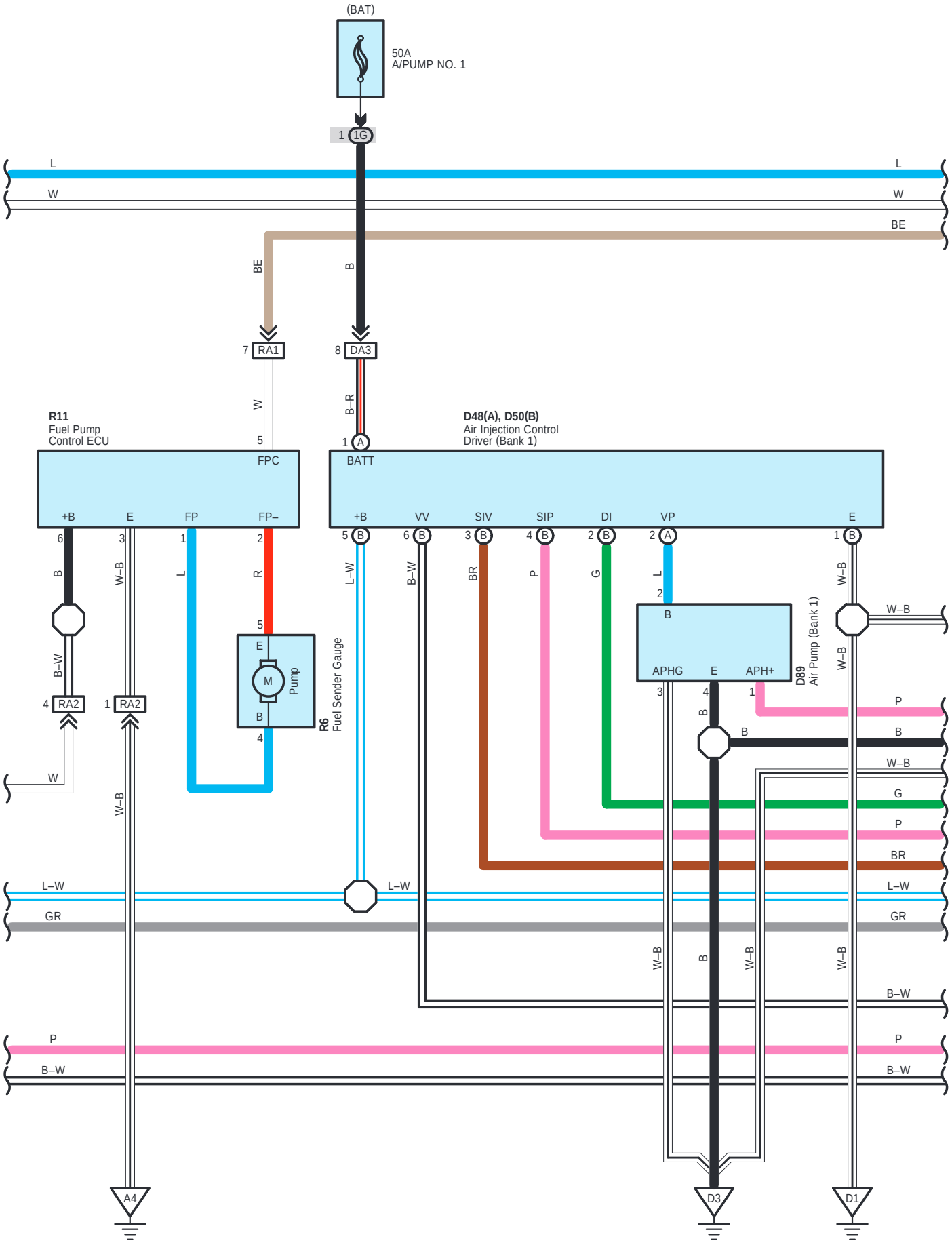


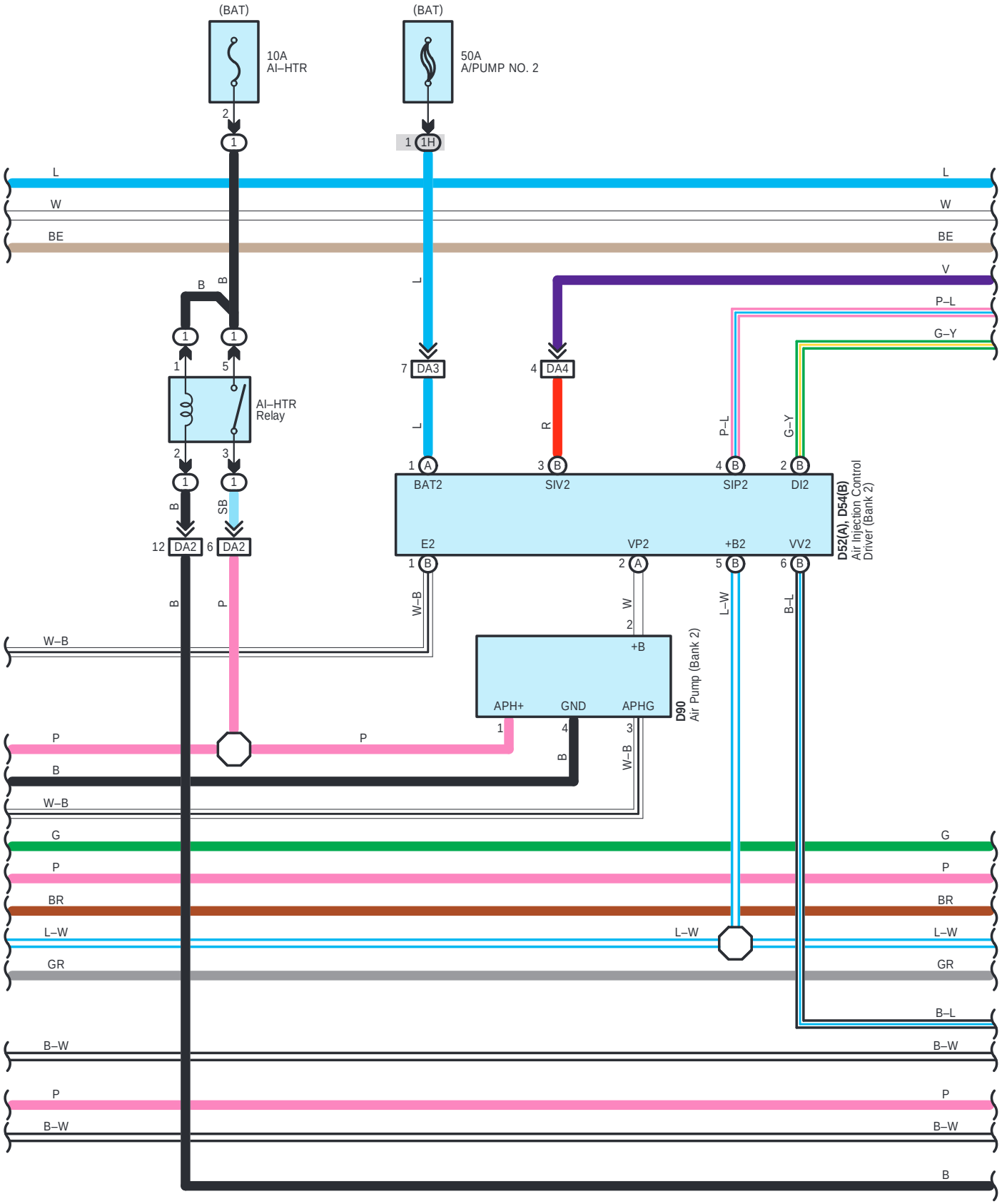
PJ2
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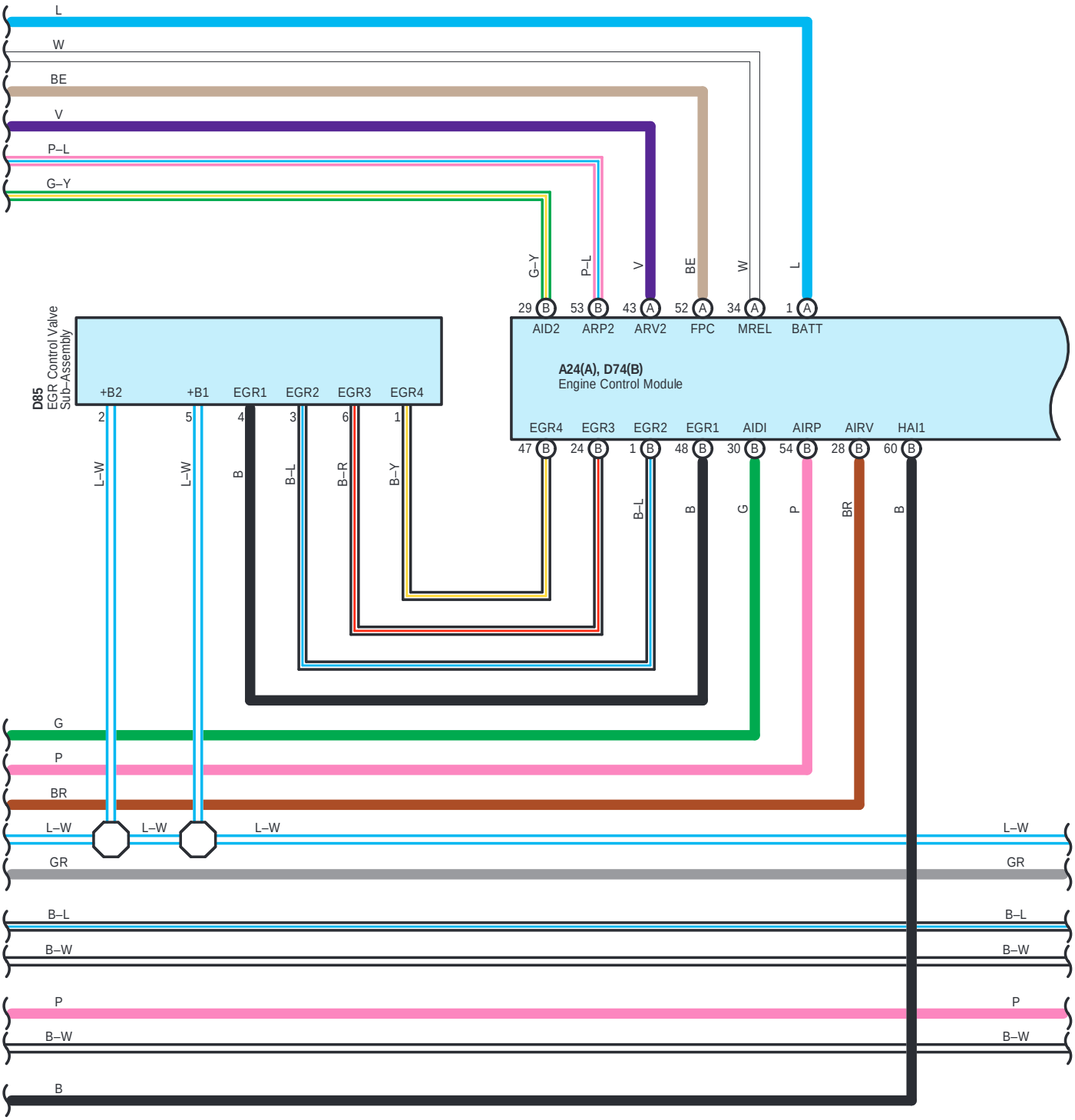


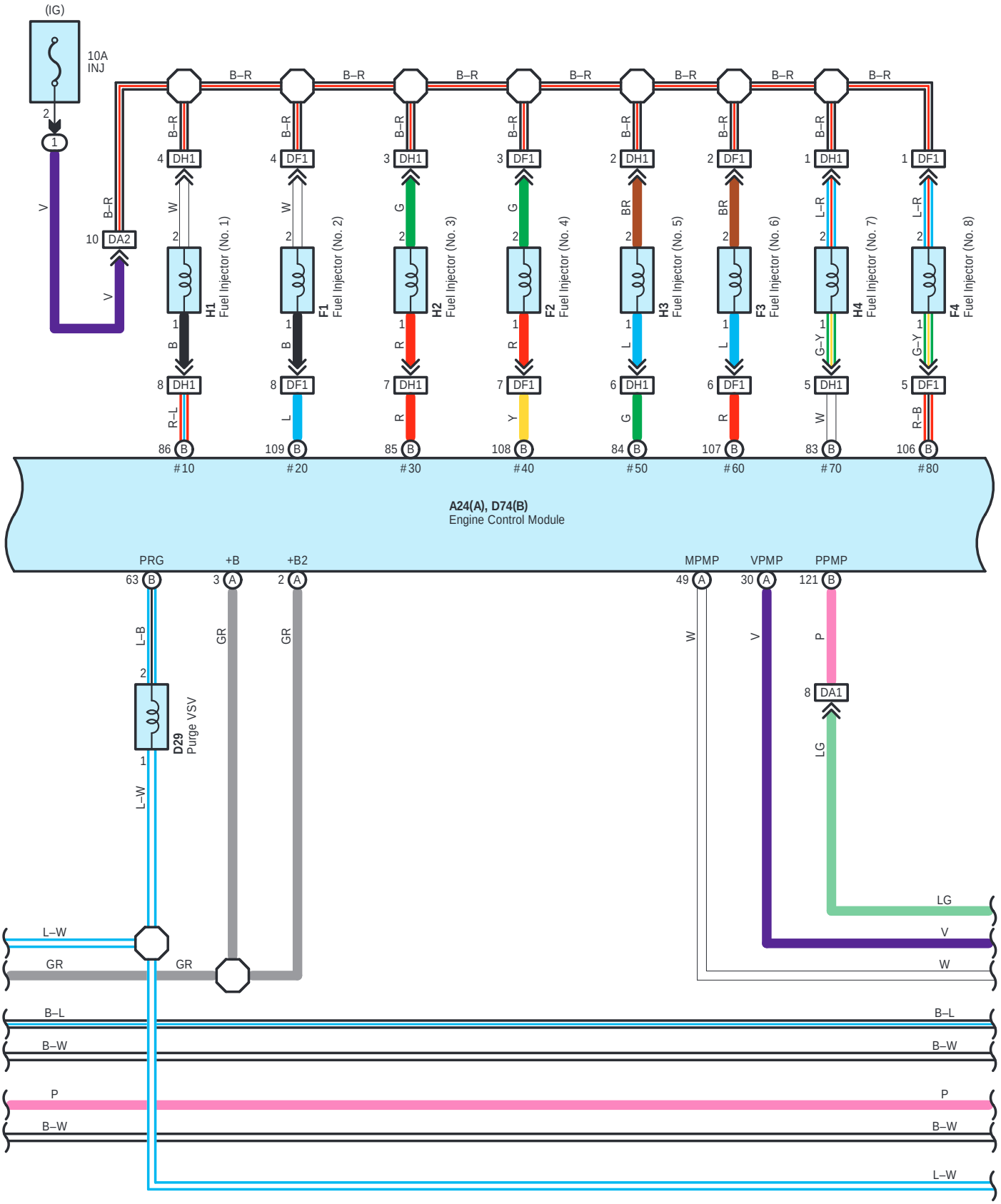

QJ1
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1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

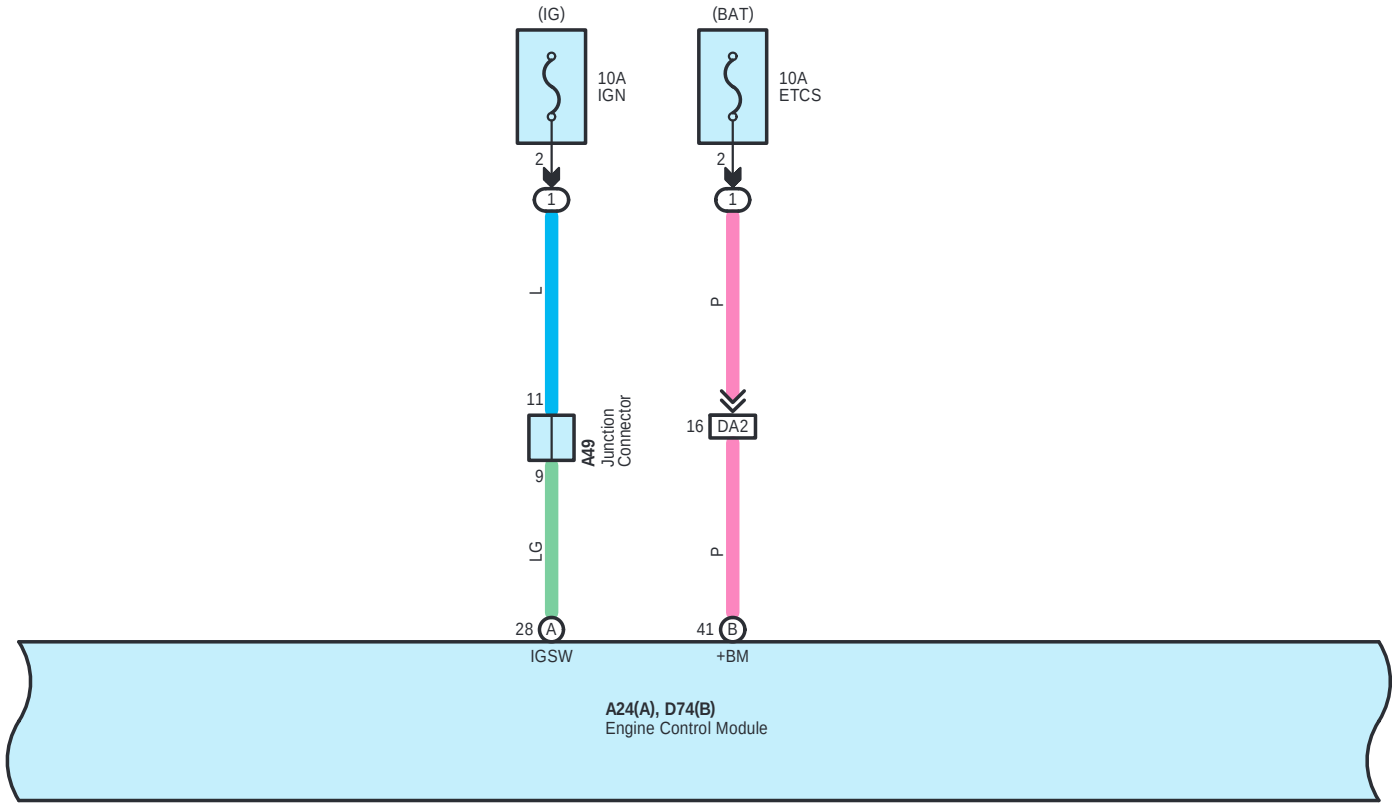

(BAT)
15A
A/F
2
(BAT)
25A
EFI NO. 1
2
(BAT)
25A
F/PMP
2
1
L
W
W
L
W
GR
BE
2 1A
1 1B
2 1B
1
1
10A
EFI
NO. 2
2
A/F Relay
EFI Relay
4 1A
3 1A
5 1B
4 1B
3 1B
1
1
BE
GR
W–B
GR
R
12
A49
Junction
Connector
13
14
W–B
2
5
F/PMP
Relay
1
3
G
W–B
GR
P
GR
1
1
GR
W
W
2 DA3
14 DA2
B–W
L–W
L–W
GR
GR
2
W–B
1
12
W–B
A44
Junction
Connector
5
P
B–W
W–B
A2

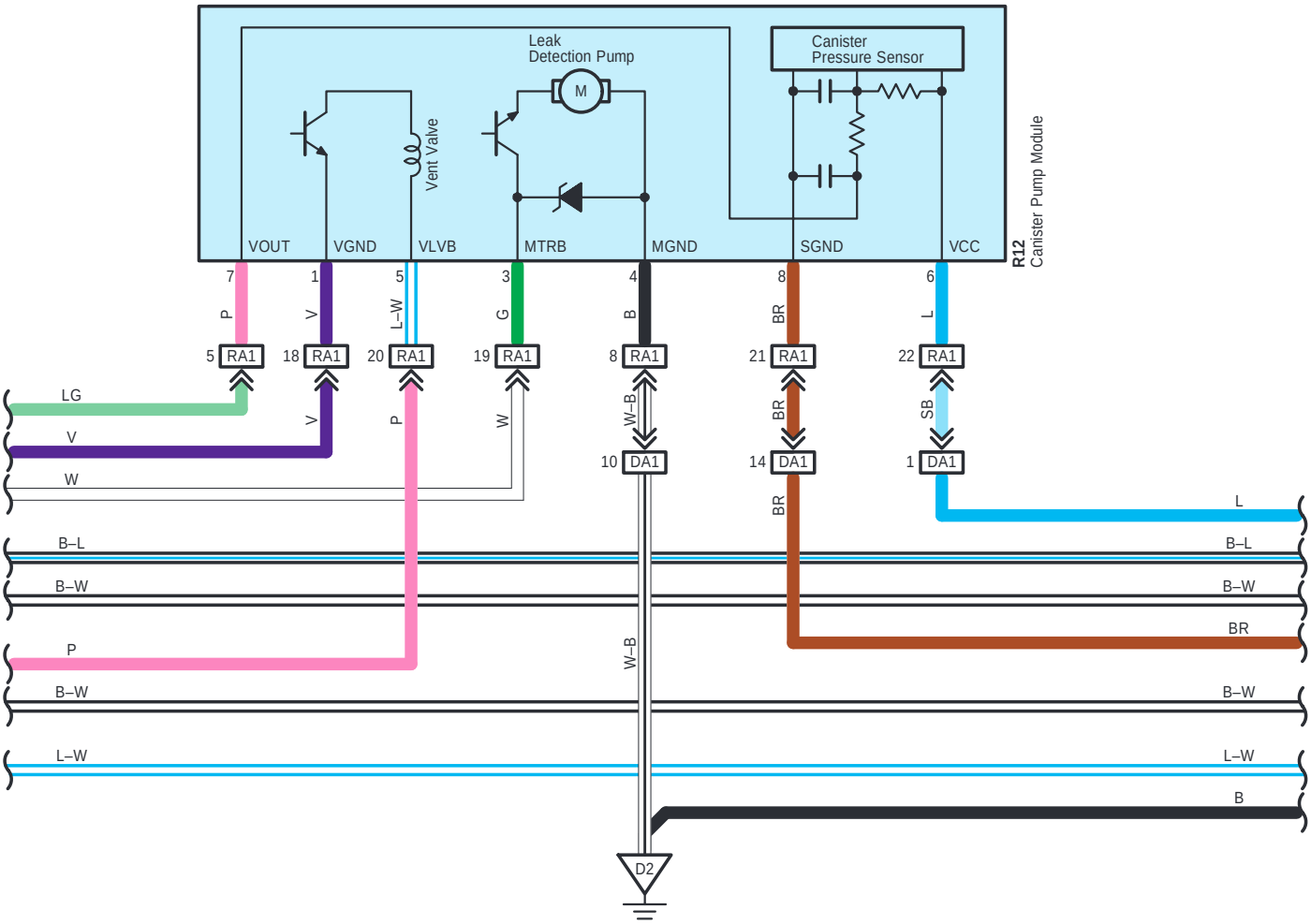

(BAT)
50A
A/PUMP NO. 1
1 1G
L
W
BE
B
7 RA1
8 DA3
W
B–R
R11
Fuel Pump
Control ECU
5 FPC
1 A
BATT
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
+B
E
FP
FP–
+B
VV
SIV
SIP
DI
VP
E
6 B
3 W–B
1 L
2 R
5 B
6 B
3 B
4 B
2 B
2 A
1 B
B
B–W
4 RA2
1 RA2
W
W–B
E
M
Pump
B
4
R6
Fuel Sender Gauge
L–W
B–W
BR
P
G
L
2
B
APHG
E
APH+
D89
Air Pump (Bank 1)
3
4
1
B
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
A4
D3
D1


(BAT)
10A
AI–HTR
2
1
(BAT)
50A
A/PUMP NO. 2
1 1H
L
W
BE
B
B
1
1
1
5
AI–HTR
Relay
2
3
1
1
B
SB
12 DA2
6 DA2
L
7 DA3
4 DA4
R
V
P–L
G–Y
1 A
BAT2
3 B
SIV2
4 B
SIP2
2 B
DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
E2
VP2
+B2
VV2
1 B
2 A
5 B
6 B
W–B
W
2
+B
L–W
B–L
D90
Air Pump (Bank 2)
APH+
GND
APHG
1
4
3
P
B
W–B
G
P
BR
L–W
GR
B–W
P
B–W
B

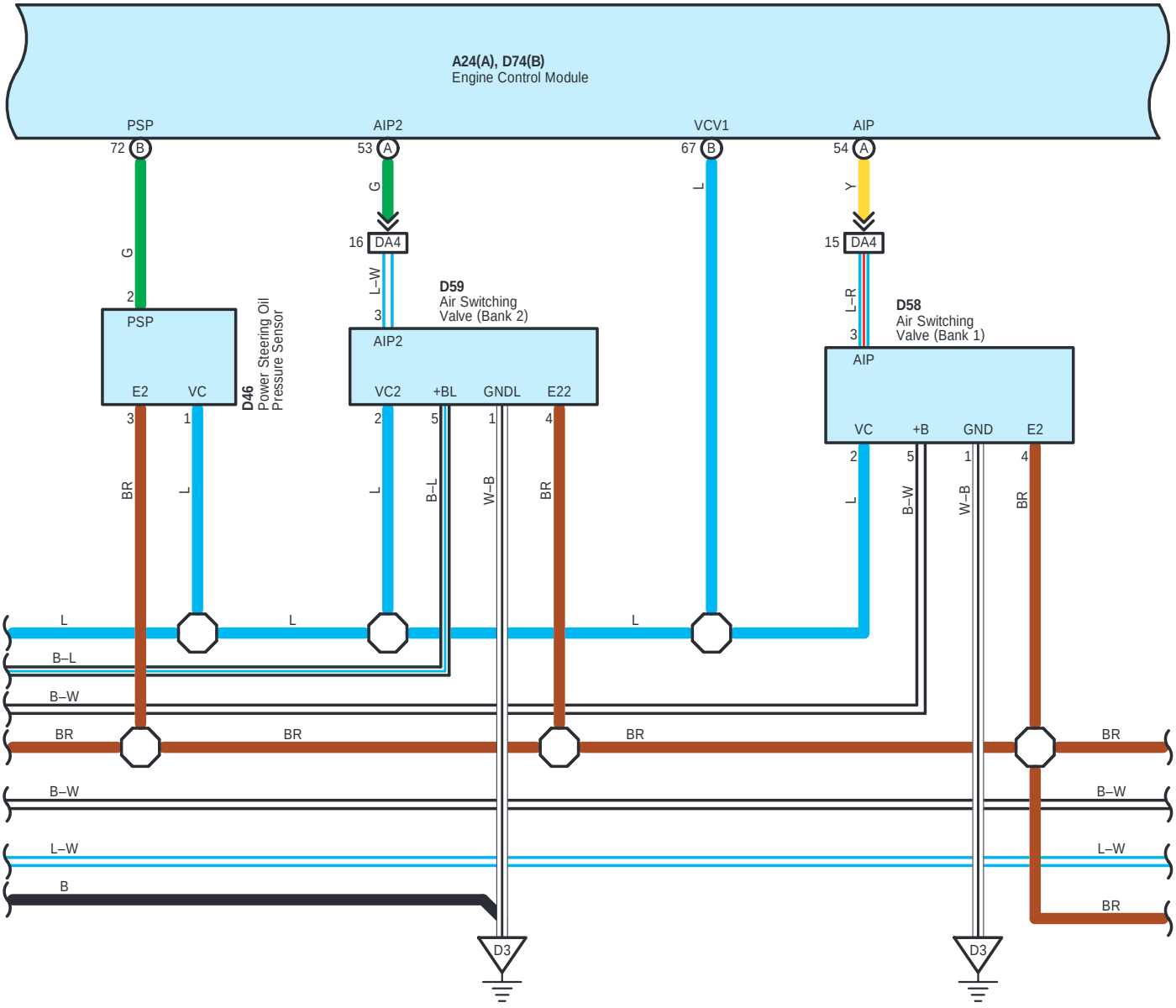

L
W
BE
V
P–L
G–Y
G–Y
P–L
V
BE
W
L
29 B
53 B
43 A
52 A
34 A
1 A
AID2
ARP2
ARV2
FPC
MREL
BATT
A24(A), D74(B)
Engine Control Module
EGR4
EGR3
EGR2
EGR1
AIDI
AIRP
AIRV
HAI1
47 B
24 B
1 B
48 B
30 B
54 B
28 B
60 B
D85
EGR Control Valve
Sub–Assembly
+B2
+B1
EGR1
EGR2
EGR3
EGR4
2
5
4
3
6
1
L–W
L–W
B
B–L
B–R
B–Y
B–L
B
G
P
BR
B
G
P
BR
L–W
L–W
L–W
L–W
GR
GR
B–L
B–L
B–W
B–W
P
P
B–W
B–W
B

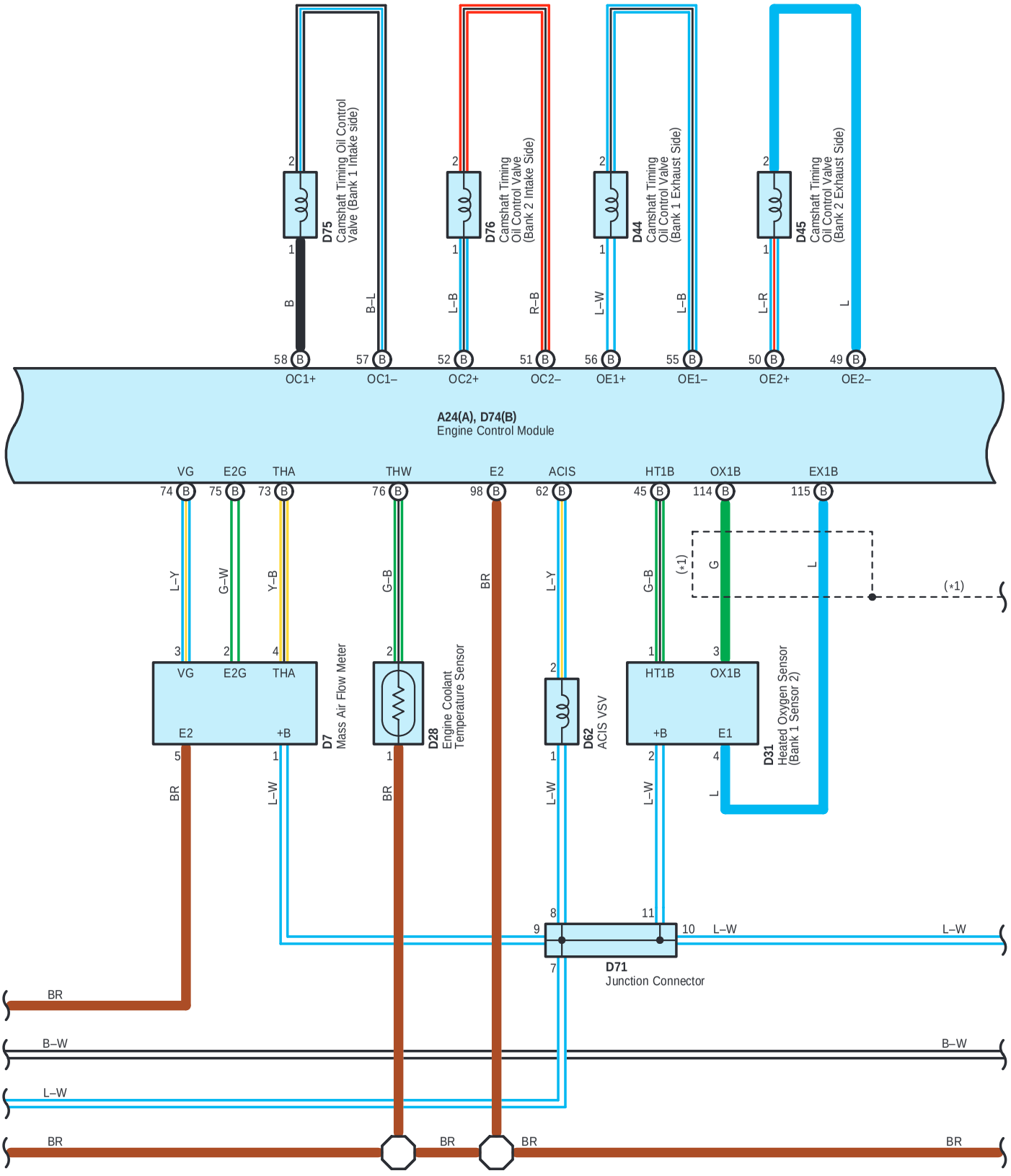

(IG)
10A
INJ
2
1
V
B–R
10 DA2
V
B–R
4 DH1
W
2
H1 Fuel Injector (No. 1)
1
B
8 DH1
R–L
86 B
#10
4 DF1
W
2
F1 Fuel Injector (No. 2)
1
B
8 DF1
L
109 B
#20
3 DH1
G
2
H2 Fuel Injector (No. 3)
1
R
7 DH1
R
85 B
#30
3 DF1
G
2
F2 Fuel Injector (No. 4)
1
R
7 DF1
Y
108 B
#40
2 DH1
BR
2
H3 Fuel Injector (No. 5)
1
L
6 DH1
G
84 B
#50
2 DF1
BR
2
F3 Fuel Injector (No. 6)
1
L
6 DF1
R
107 B
#60
1 DH1
L–R
2
H4 Fuel Injector (No. 7)
1
G–Y
5 DH1
W
83 B
#70
1 DF1
L–R
2
F4 Fuel Injector (No. 8)
1
G–Y
5 DF1
R–B
106 B
#80
A24(A), D74(B)
Engine Control Module
PRG
63 B
L–B
2
D29 Purge VSV
1
L–W
+B
3 A
GR
+B2
2 A
GR
MPMP
49 A
W
VPMP
30 A
V
PPMP
121 B
P
8 DA1
LG
LG
V
W
L–W
GR
GR
B–L
B–W
P
B–W
B–L
B–W
P
B–W
L–W

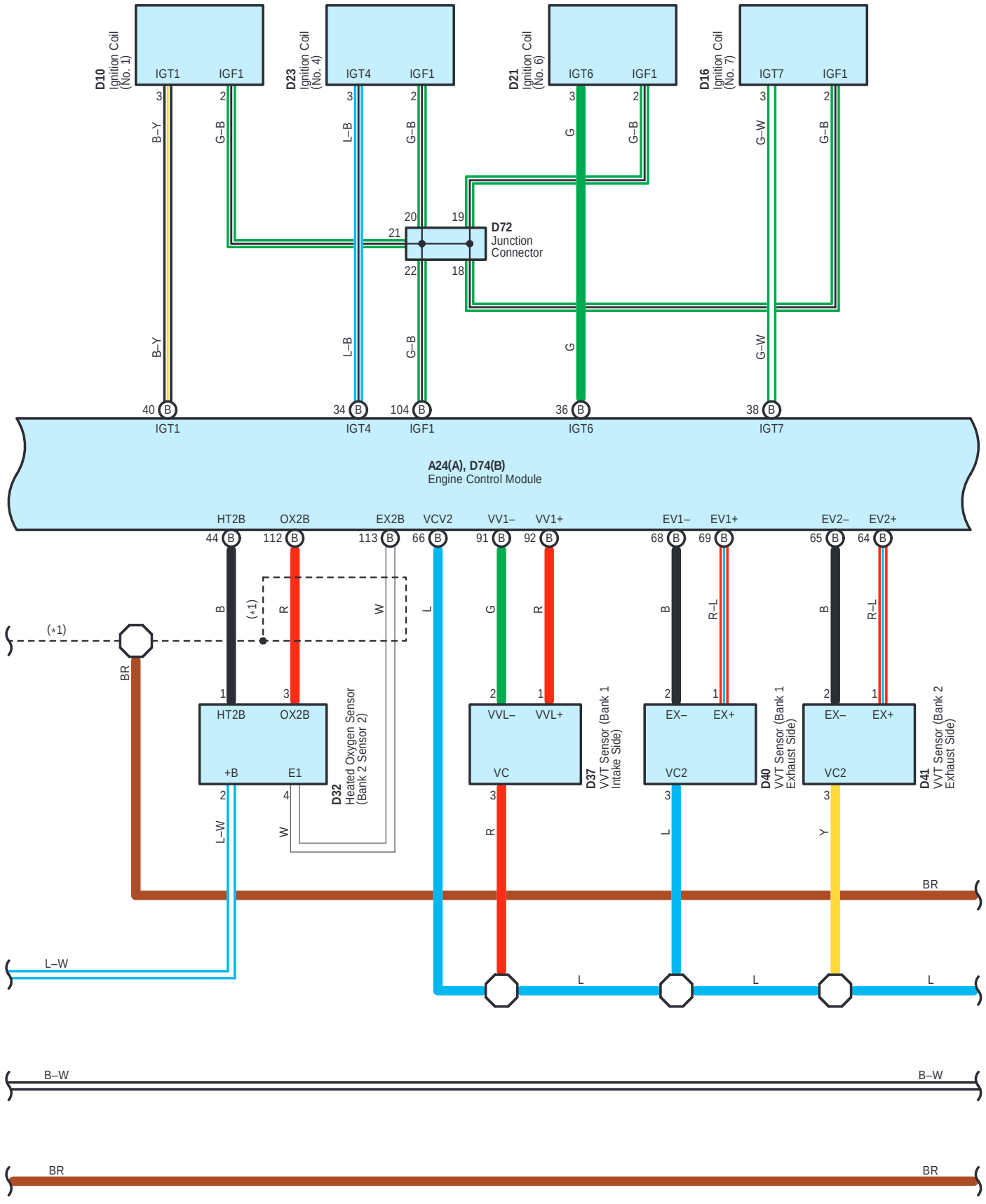

(IG)
10A
IGN
(BAT)
10A
ETCS
2
1
L
P
11
A49
Junction
Connector
9
LG
16
DA2
28
A
IGSW
41
B
+BM
A24(A), D74(B)
Engine Control Module

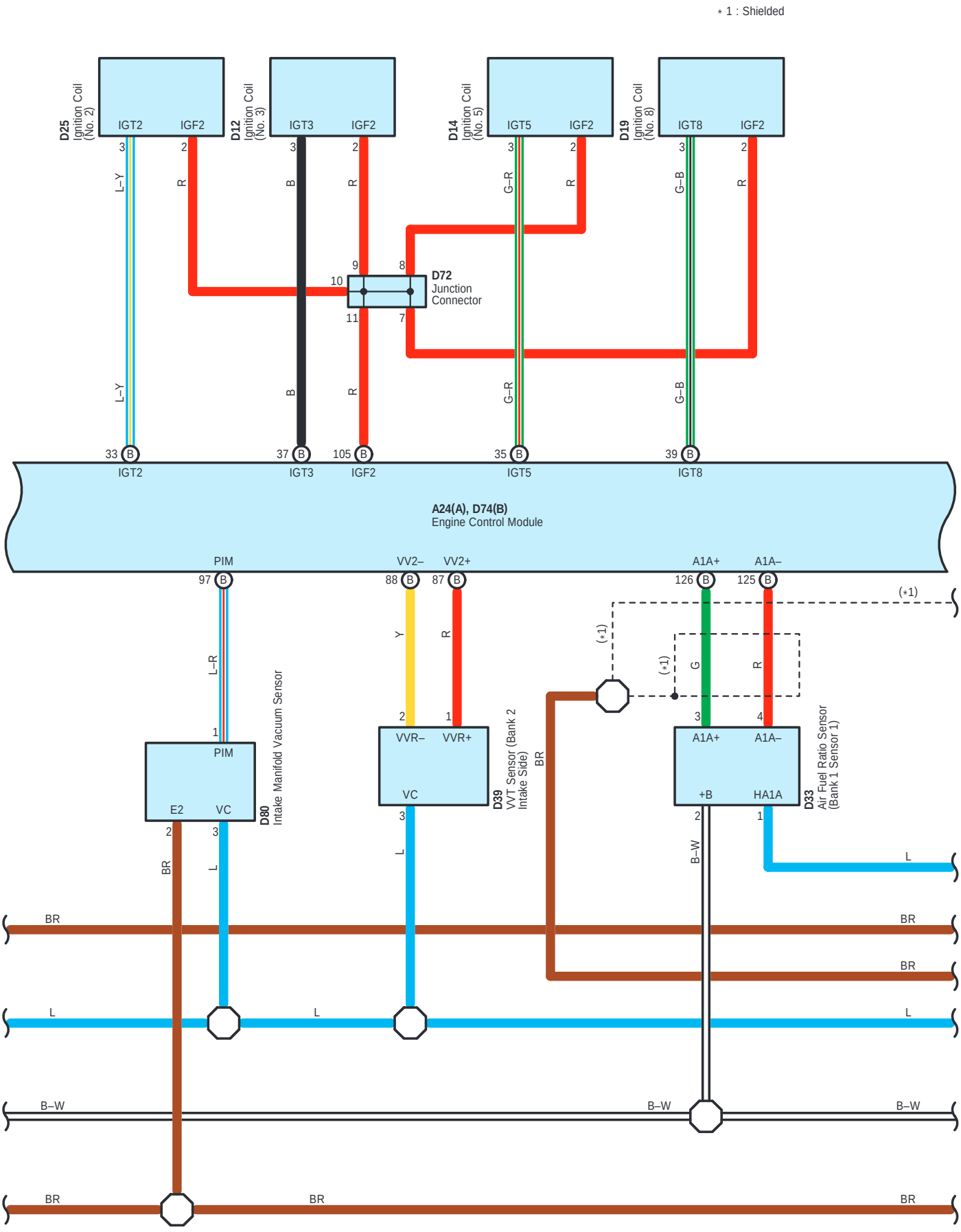

Leak
Detection Pump
M
Vent Valve
Canister
Pressure Sensor
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
R12
Canister Pump Module
7
1
5
3
4
8
6
P
V
L–W
G
B
BR
L
5
RA1
18
RA1
20
RA1
19
RA1
8
RA1
21
RA1
22
RA1
LG
V
W
P
W
W–B
BR
SB
10
DA1
14
DA1
1
DA1
B–L
B–W
P
B–W
L–W
W–B
BR
L
B–L
B–W
B–W
L–W
B
D2

* 1 : Shielded

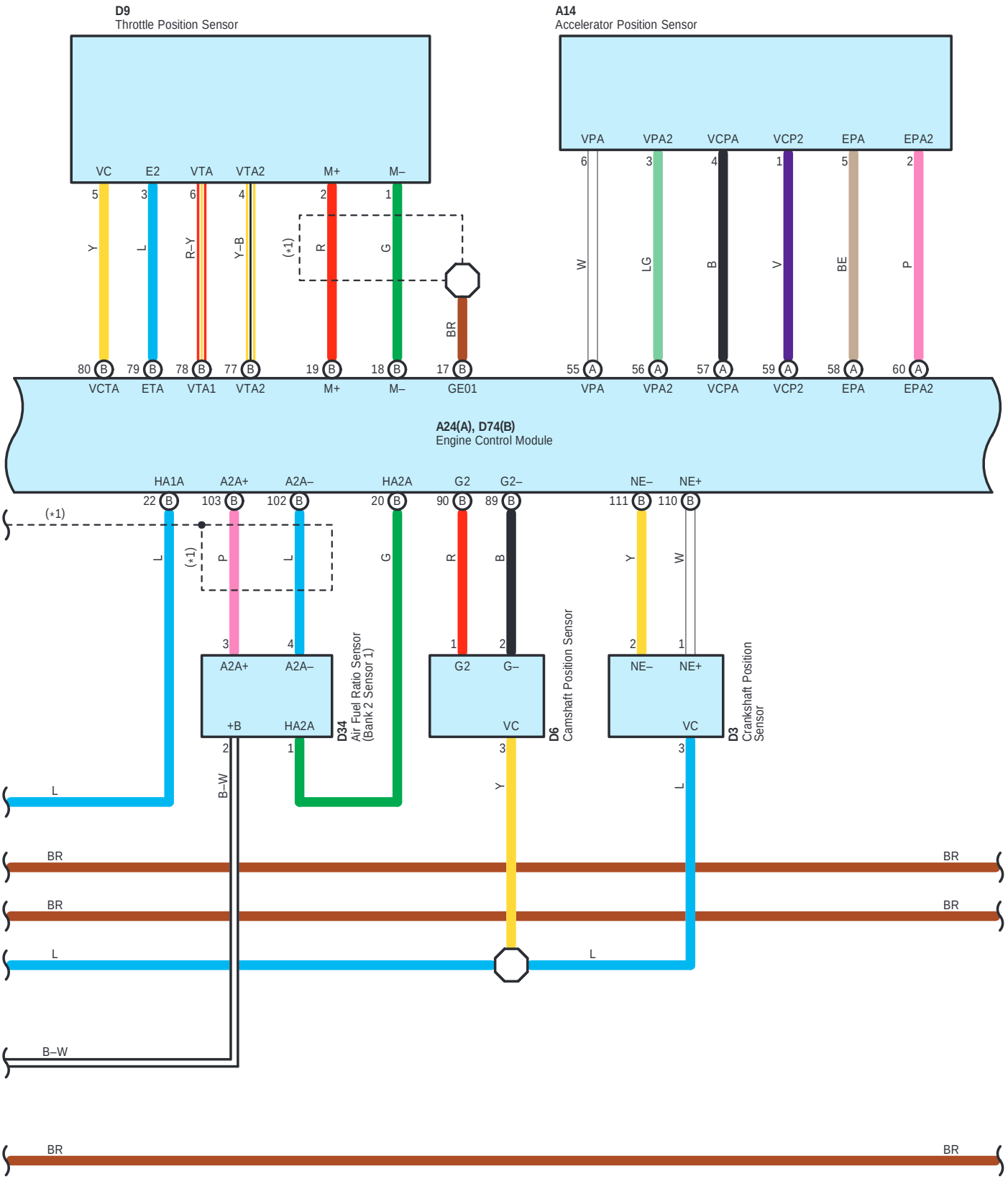

A24(A), D74(B)
Engine Control Module
PSP
AIP2
VCV1
AIP
72 B
53 A
67 B
54 A
G
G
L
Y
16 DA4
15 DA4
L–W
L–R
2
3
3
PSP
E2
VC
D46
Power Steering Oil Pressure Sensor
D59
Air Switching Valve (Bank 2)
AIP2
VC2
+BL
GNDL
E22
D58
Air Switching Valve (Bank 1)
AIP
VC
+B
GND
E2
3
1
2
5
1
4
2
5
1
4
BR
L
L
B–L
W–B
BR
L
B–W
W–B
BR
L
L
L
B–L
B–W
BR
BR
BR
BR
B–W
B–W
L–W
L–W
B
BR
D3
D3

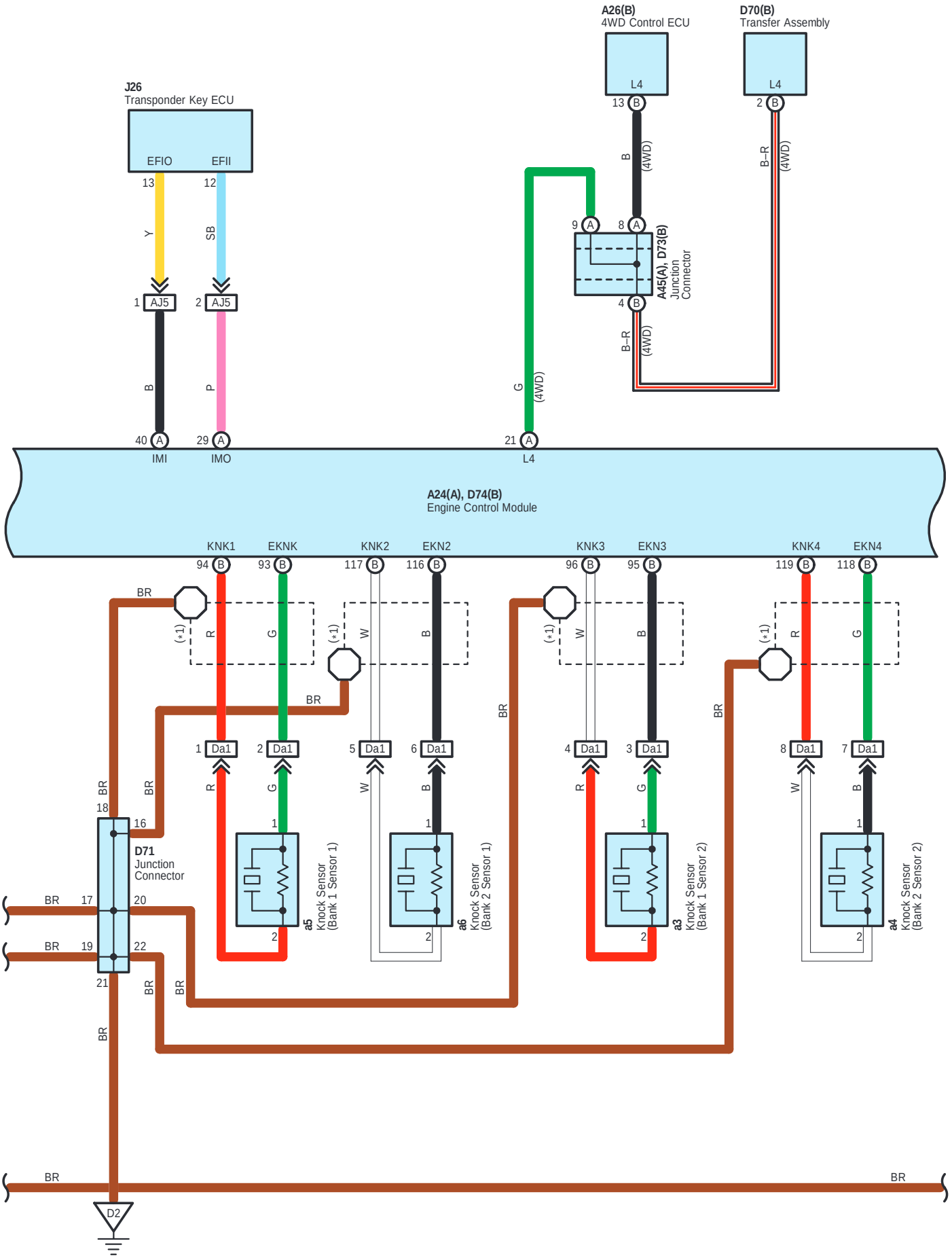

D75
Camshaft Timing Oil Control Valve (Bank 1 Intake side)
D76
Camshaft Timing Oil Control Valve (Bank 2 Intake Side)
D44
Camshaft Timing Oil Control Valve (Bank 1 Exhaust Side)
D45
Camshaft Timing Oil Control Valve (Bank 2 Exhaust Side)
B
B–L
L–B
R–B
L–W
L–B
L–R
L
58 OC1+
57 OC1–
52 OC2+
51 OC2–
56 OE1+
55 OE1–
50 OE2+
49 OE2–
A24(A), D74(B)
Engine Control Module
VG
E2G
THA
THW
E2
ACIS
HT1B
OX1B
EX1B
74
75
73
76
98
62
45
114
115
L–Y
G–W
Y–B
G–B
BR
L–Y
G–B
G
L
(*1)
D7
Mass Air Flow Meter
D28
Engine Coolant Temperature Sensor
D62
ACIS VSV
D31
Heated Oxygen Sensor (Bank 1 Sensor 2)
BR
L–W
BR
L–W
L–W
L
D71
Junction Connector
L–W
BR
B–W
L–W
BR
BR
BR
B–W

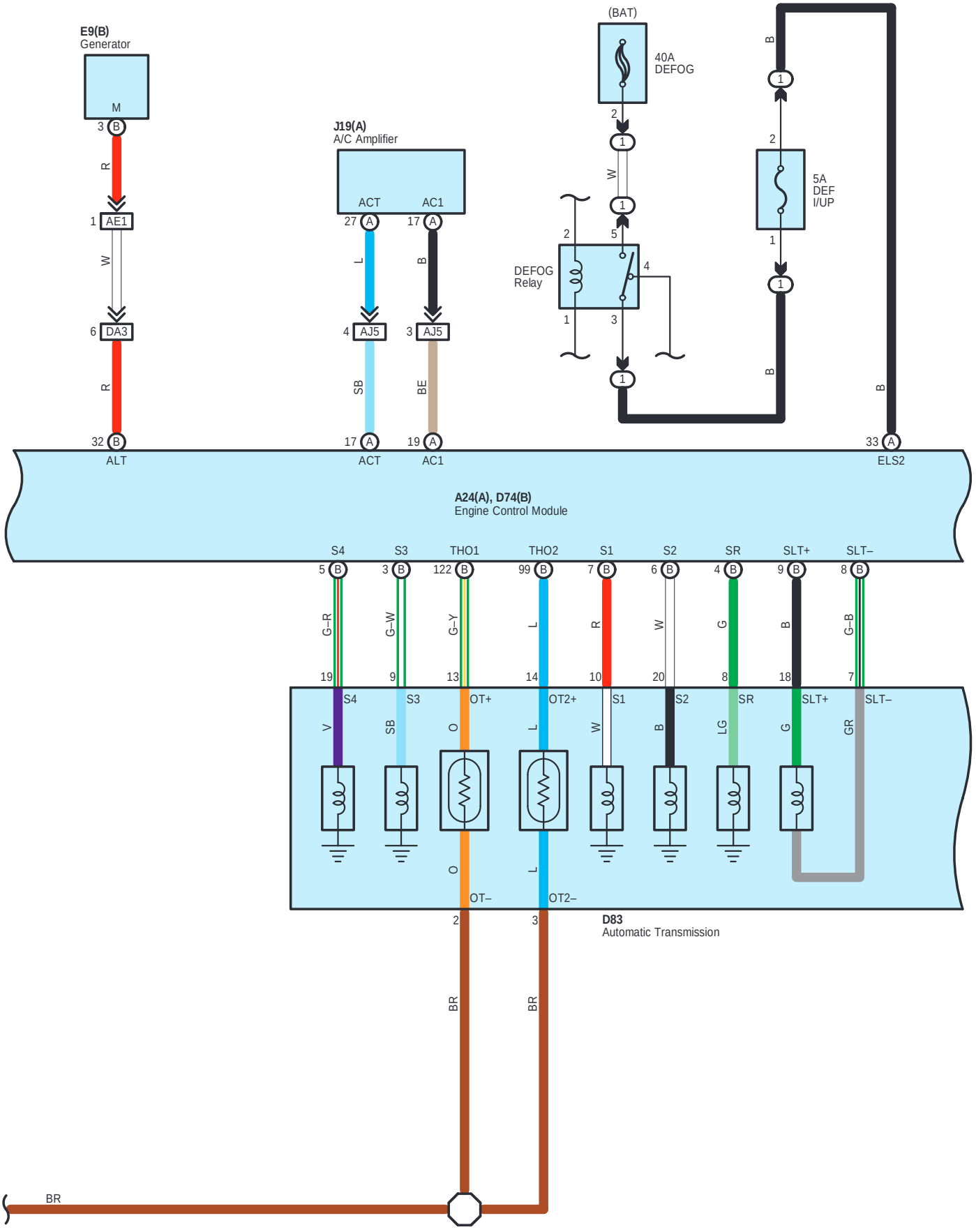

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
B–Y
G–B
L–B
G
G–W
D72 Junction Connector
A24(A), D74(B) Engine Control Module
HT2B
OX2B
EX2B
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
(*1)
BR
L–W
W
L
R–L
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
+B
E1
VVL–
VVL+
VC
D37 VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40 VVT Sensor (Bank 1 Exhaust Side)
D41 VVT Sensor (Bank 2 Exhaust Side)
Y
B–W
BR

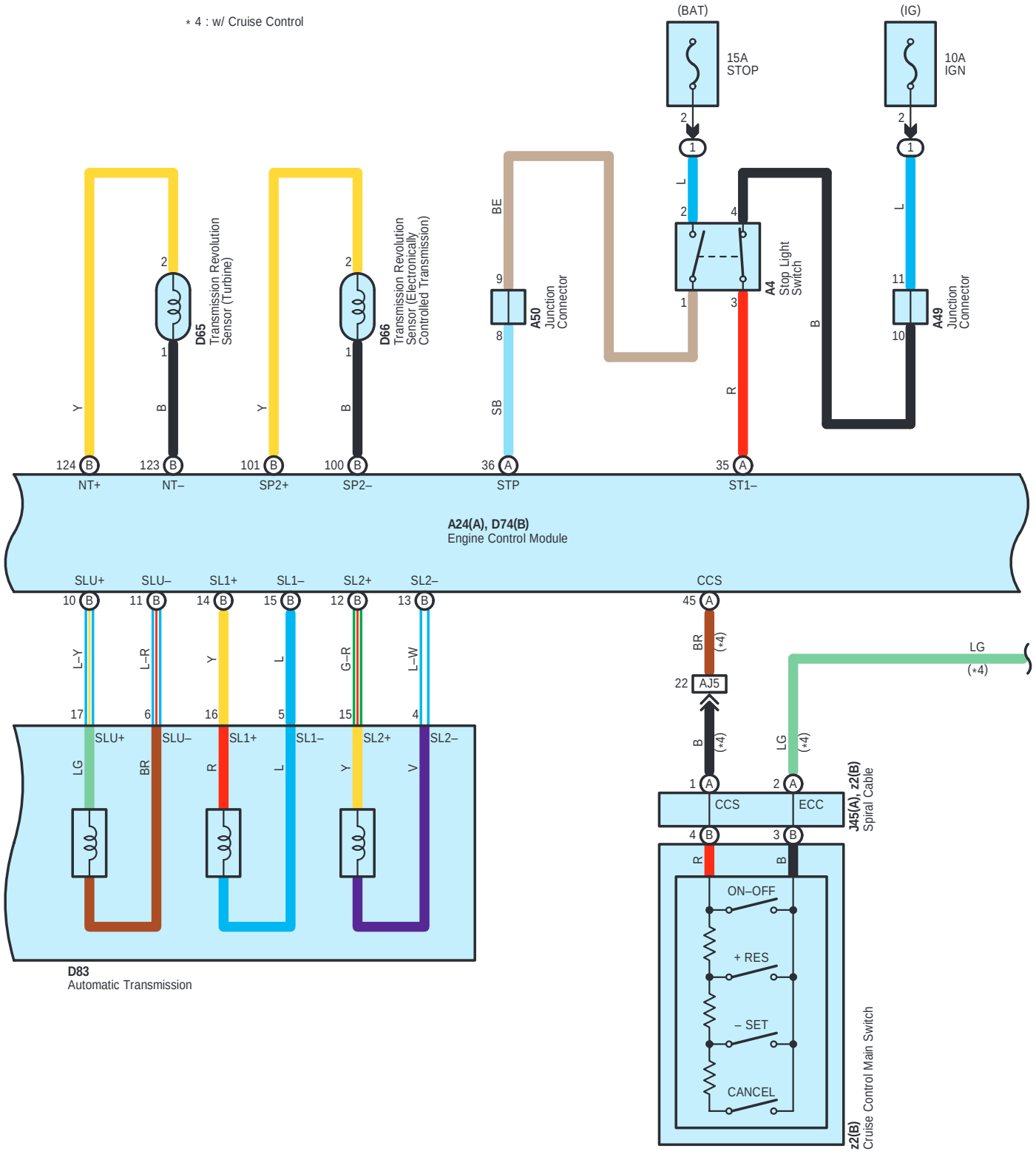

*1 : Shielded
D25 Ignition Coil (No. 2)
D12 Ignition Coil (No. 3)
D14 Ignition Coil (No. 5)
D19 Ignition Coil (No. 8)
IGT2
IGF2
IGT3
IGT5
IGT8
D72 Junction Connector
A24(A), D74(B) Engine Control Module
PIM
VV2–
VV2+
A1A+
A1A–
D80 Intake Manifold Vacuum Sensor
D39 VVT Sensor (Bank 2 Intake Side)
D33 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
VVR–
VVR+
E2
VC
+B
HA1A
L–Y
L–R
R
B
G–R
G–B
Y
G
BR
L
B–W

* 1 : Shielded

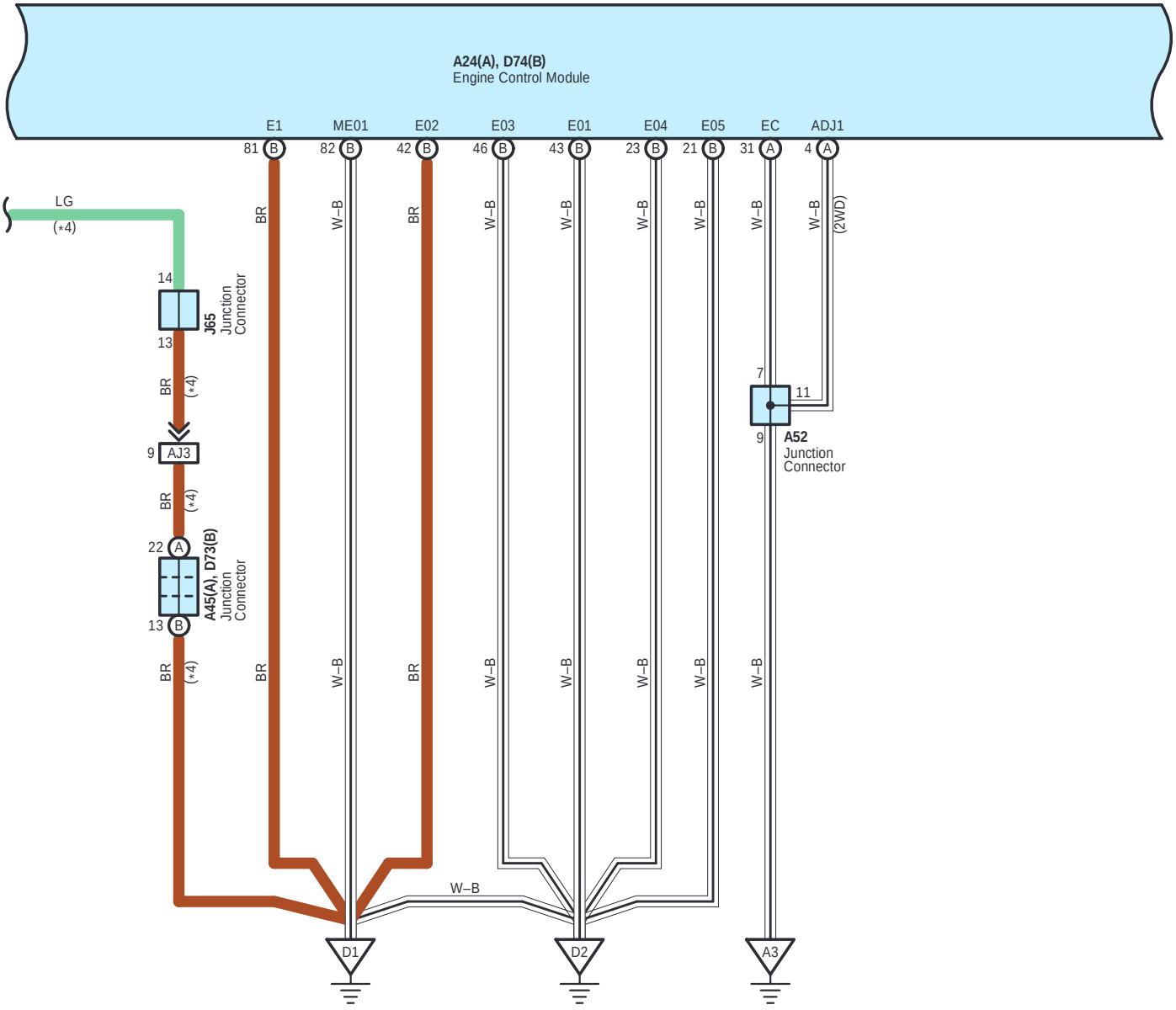

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
A24(A), D74(B)
Engine Control Module
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
D6
Camshaft Position Sensor
D3
Crankshaft Position
Sensor
(*1)
BR
BR
BR
BR
B–W
BR
BR

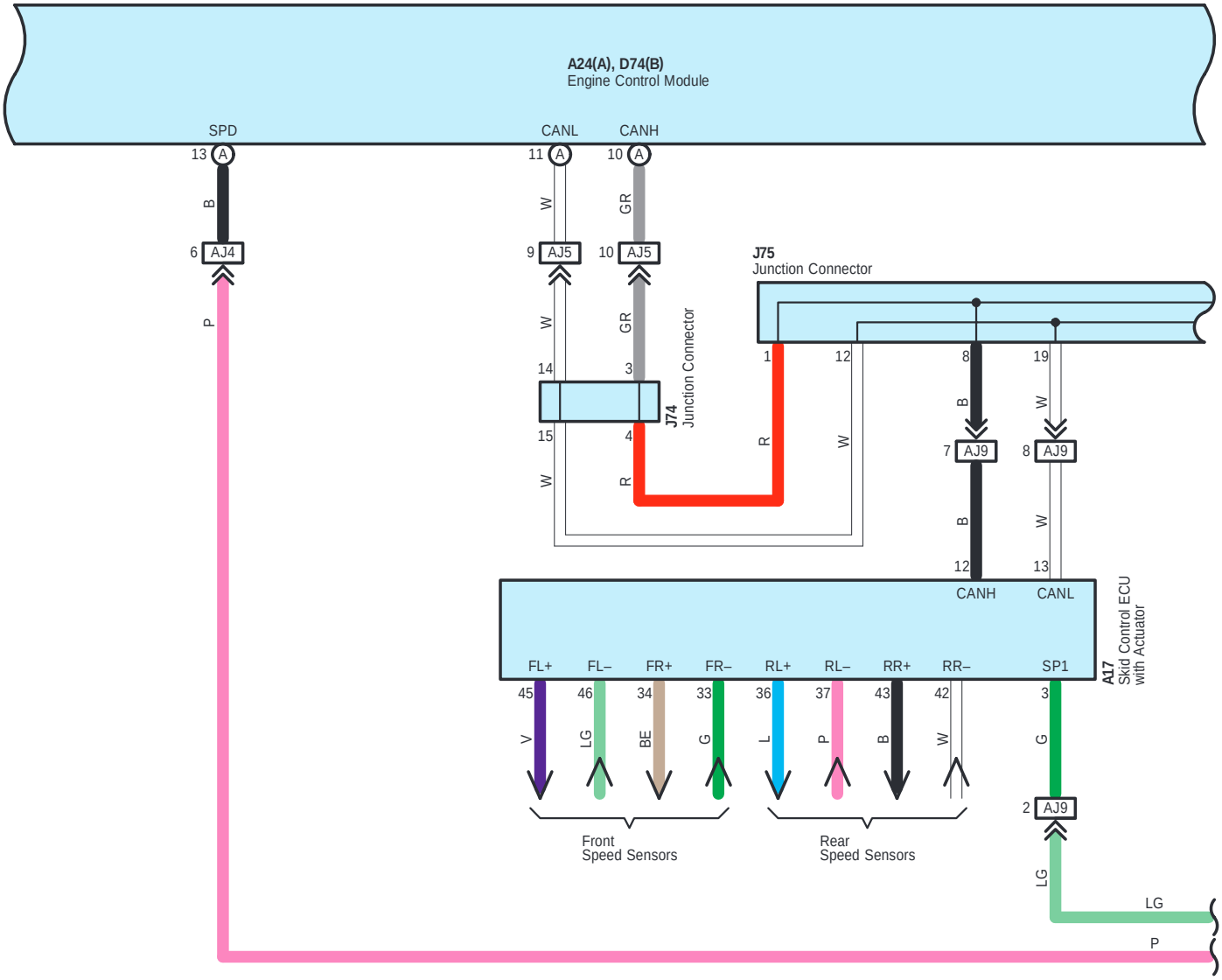

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
J26
Transponder Key ECU
EFIO
EFII
L4
A45(A), D73(B)
Junction Connector
A24(A), D74(B)
Engine Control Module
IMI
IMO
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
D71
Junction Connector
a5 Knock Sensor (Bank 1 Sensor 1)
a6 Knock Sensor (Bank 2 Sensor 1)
a3 Knock Sensor (Bank 1 Sensor 2)
a4 Knock Sensor (Bank 2 Sensor 2)
D2

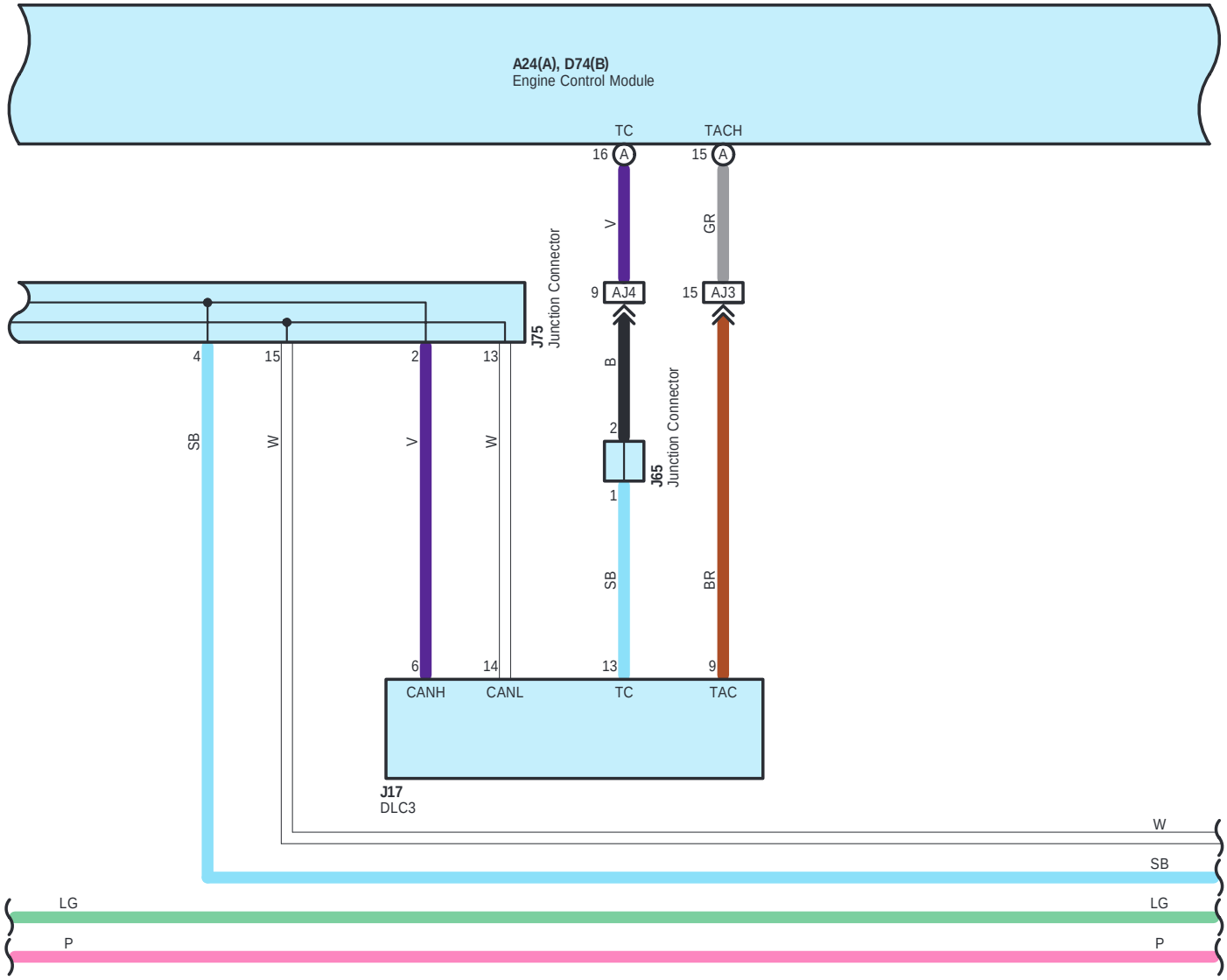

E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
19 A
ACT
AC1
(BAT)
40A
DEFOG
2
1
W
1
2
5
4
DEFOG
Relay
1
3
1
B
1
2
5A
DEF
I/UP
1
1
B
B
33 A
ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
5 B
3 B
122 B
99 B
7 B
6 B
4 B
9 B
8 B
G–R
G–W
G–Y
L
R
W
G
B
G–B
19
9
13
14
10
20
8
18
7
S4
S3
OT+
OT2+
S1
S2
SR
SLT+
SLT–
V
SB
O
L
W
B
LG
G
GR
O
L
OT–
OT2–
2
3
D83
Automatic Transmission
BR
BR
BR


* 4 : w/ Cruise Control
(BAT)
15A
STOP
(IG)
10A
IGN
D65
Transmission Revolution Sensor (Turbine)
D66
Transmission Revolution Sensor (Electronically Controlled Transmission)
A50
Junction Connector
A4
Stop Light Switch
A49
Junction Connector
124 NT+
123 NT–
101 SP2+
100 SP2–
36 STP
35 ST1–
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
CCS
D83
Automatic Transmission
J45(A), z2(B)
Spiral Cable
z2(B)
Cruise Control Main Switch
ON–OFF
+ RES
– SET
CANCEL
AJ5
LG
(*4)

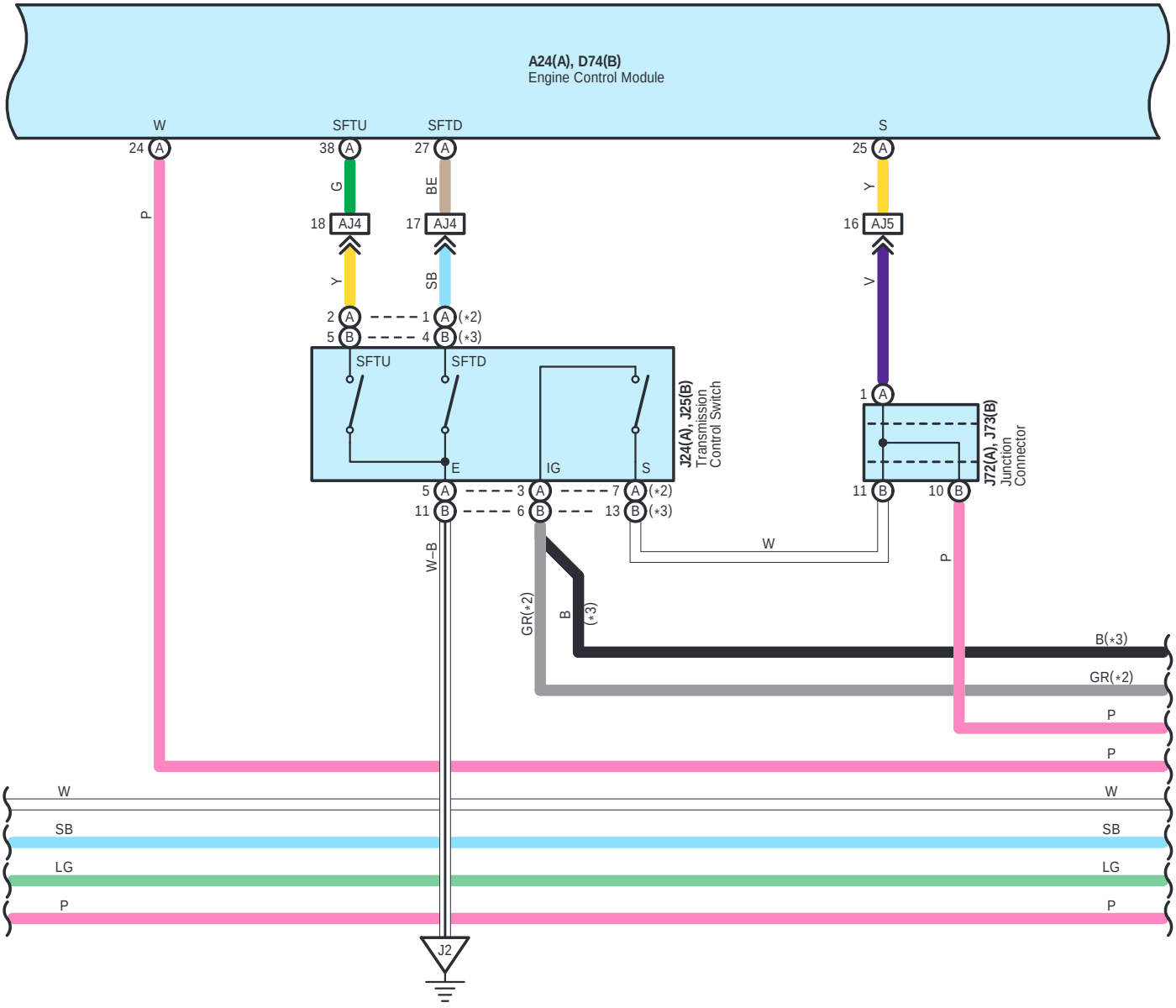
* 4 : w/ Cruise Control

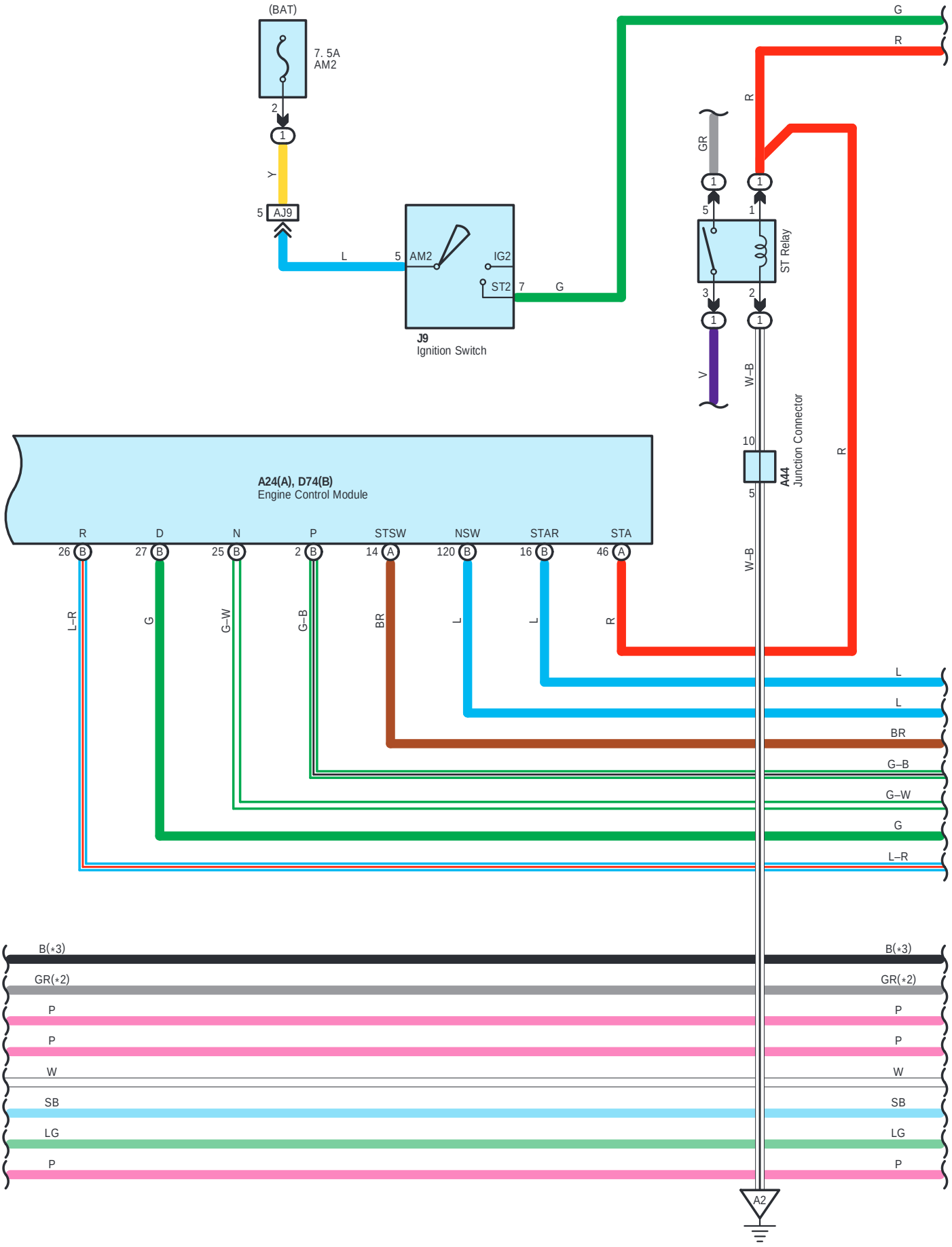


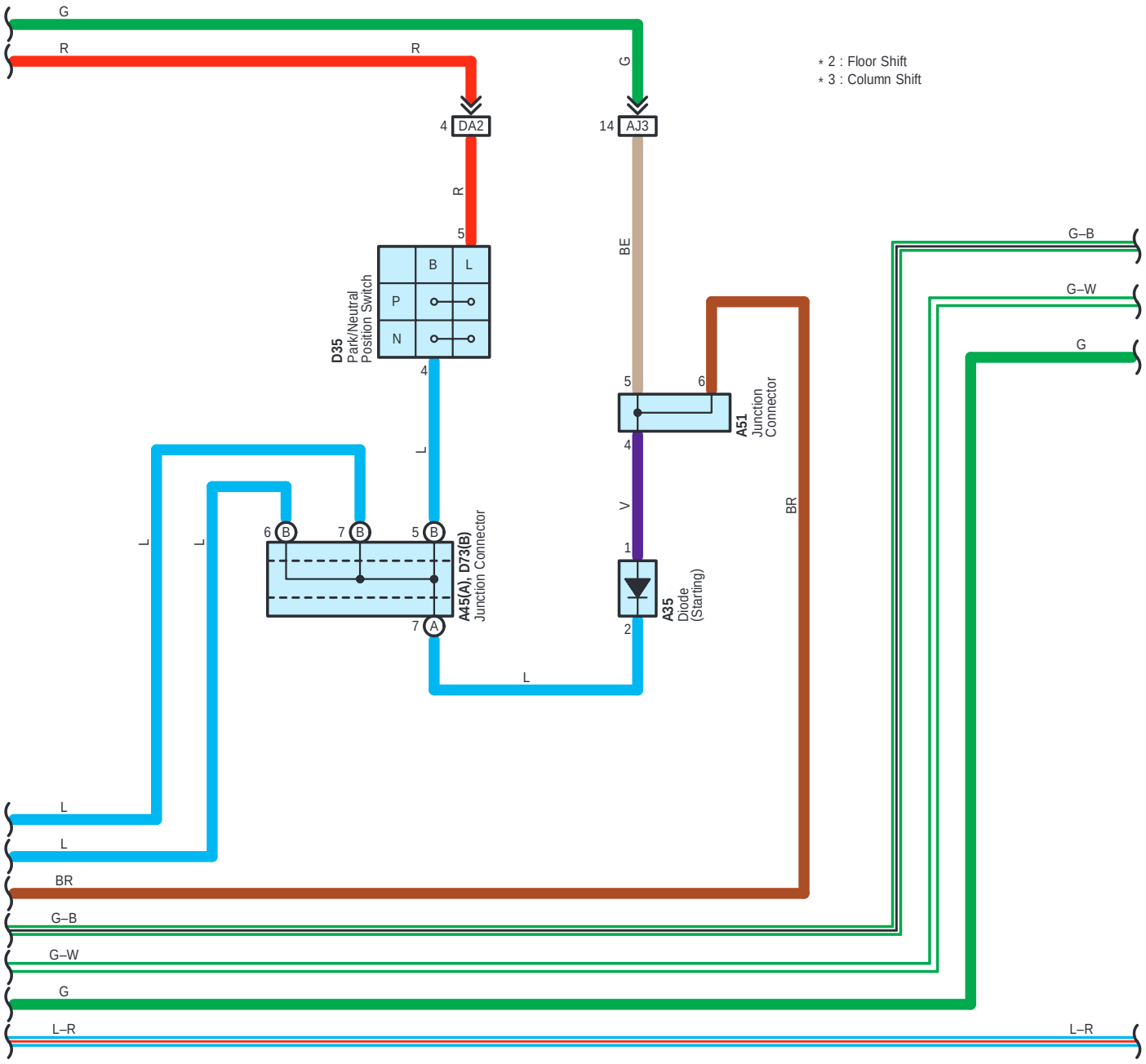

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
14
3
15
4
W
R
J74
Junction Connector
J75
Junction Connector
1
12
8
19
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P


A24(A), D74(B)
Engine Control Module
TC
TACH
16
A
15
A
V
GR
9
AJ4
15
AJ3
J75
Junction Connector
4
15
2
13
SB
W
V
W
B
2
J65
Junction Connector
1
SB
BR
6
14
13
9
CANH
CANL
TC
TAC
J17
DLC3
W
SB
LG
LG
P
P

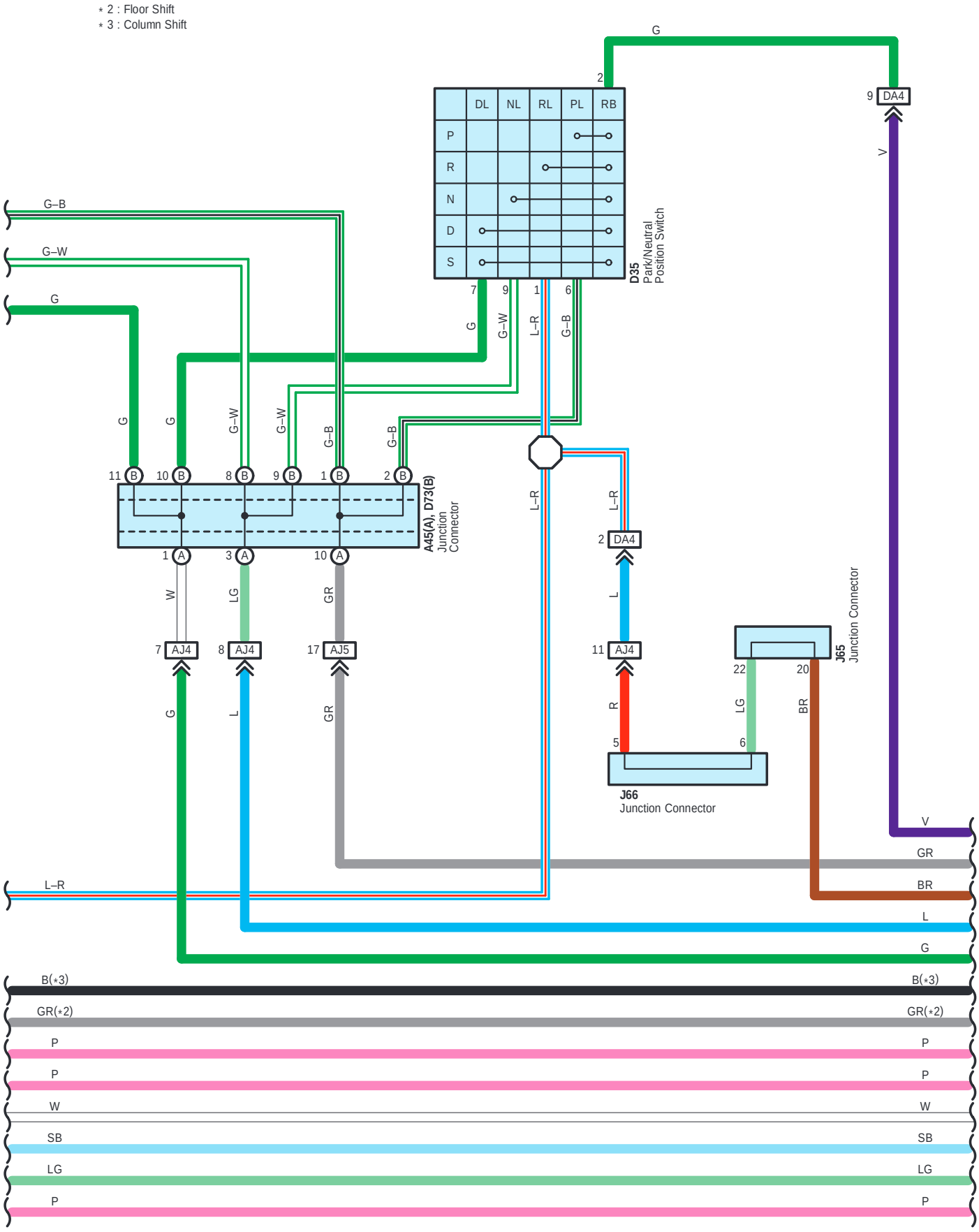
* 2 : Floor Shift
* 3 : Column Shift

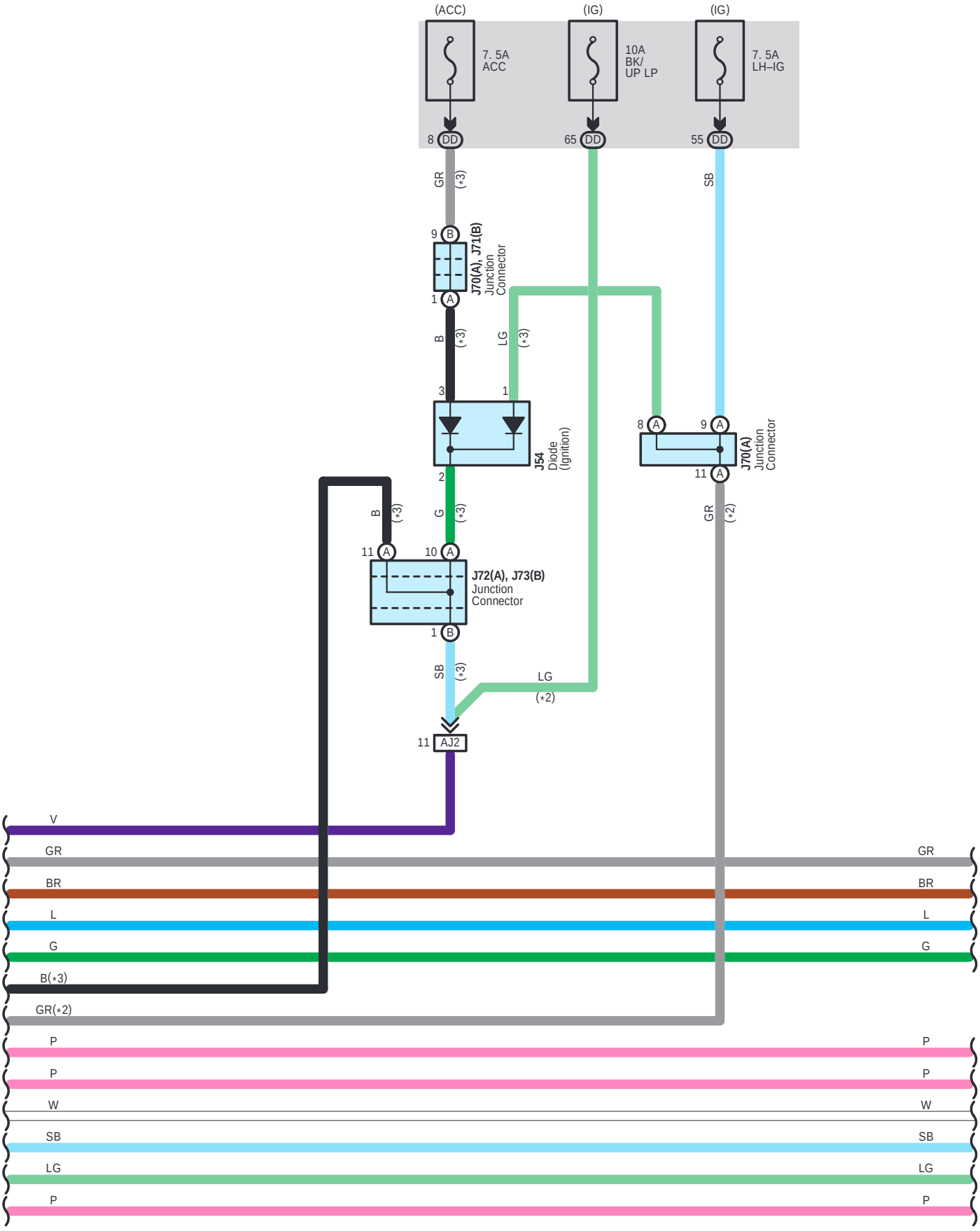


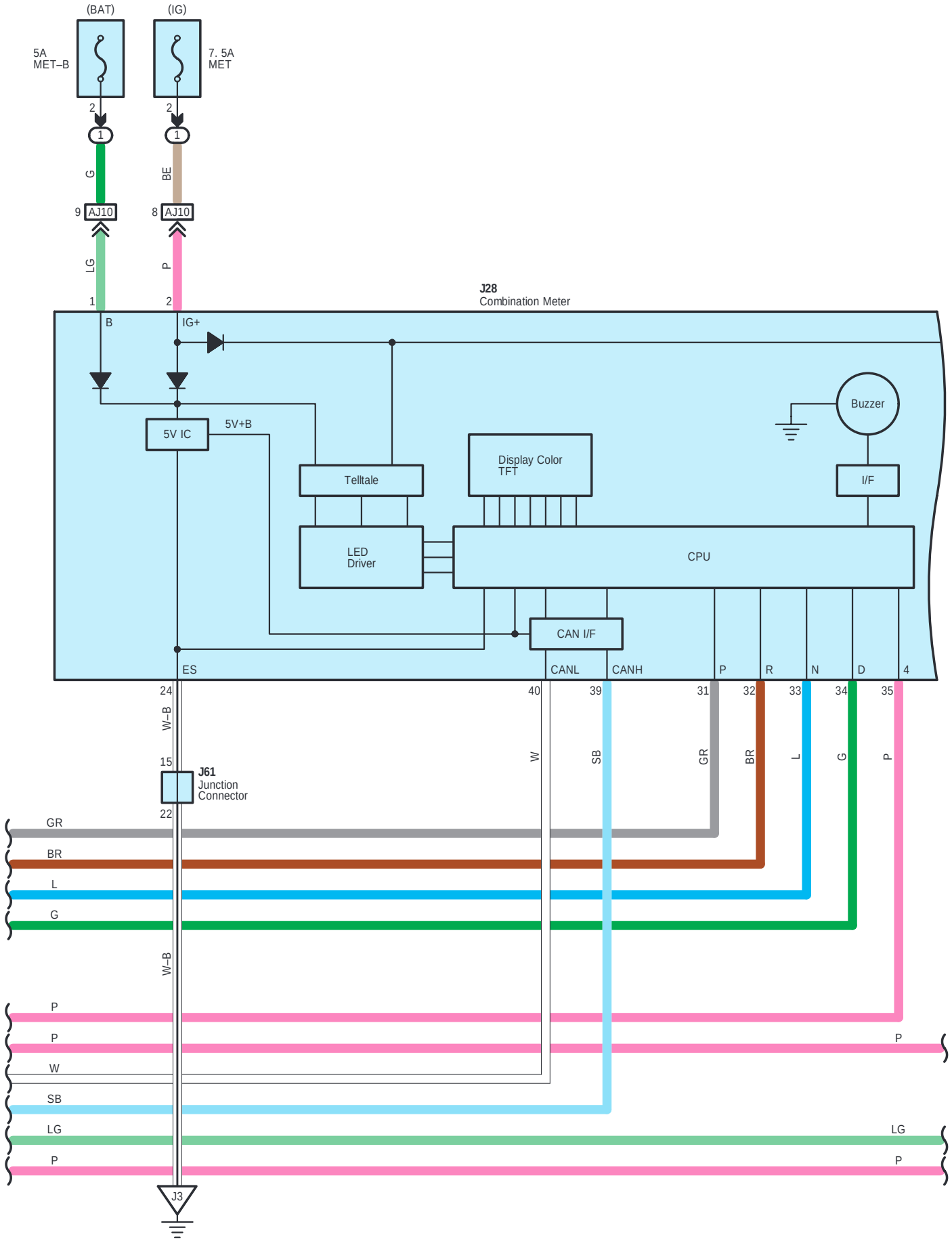

(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P
A2

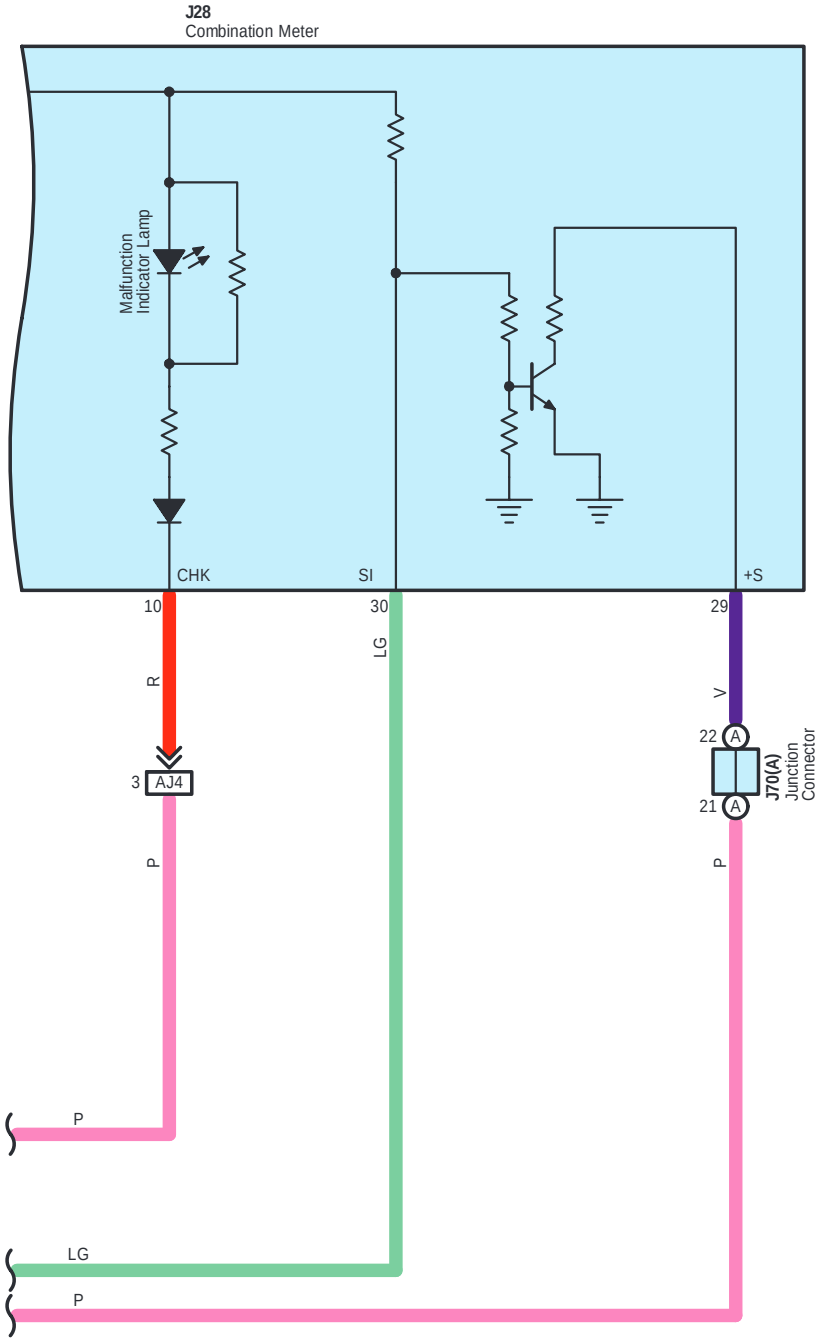

G
R
R
G
* 2 : Floor Shift
* 3 : Column Shift
4 DA2
14 AJ3
R
BE
5
B L
P
N
D35 Park/Neutral Position Switch
4
L
5 6
A51 Junction Connector
4
V
1
2
A35 Diode (Starting)
BR
G–B
G–W
G
6 B 7 B 5 B
7 A
A45(A), D73(B) Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R


B(*3)
B(*3)
GR(*2)
GR(*2)
P
P
P
P
W
W
SB
SB
LG
LG
P
P

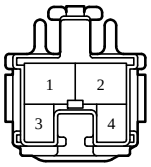

* 2 : Floor Shift
* 3 : Column Shift
G
2
9 DA4
V
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction Connector
22 20
LG BR
6
J65
Junction Connector
V
GR
BR
L
G
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P


(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
B (*3)
G (*3)
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
SB (*3)
LG
(*2)
11 AJ2
V
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

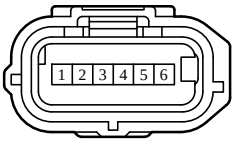

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
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A
21
A
J70(A)
Junction Connector
P
P
P
LG
P

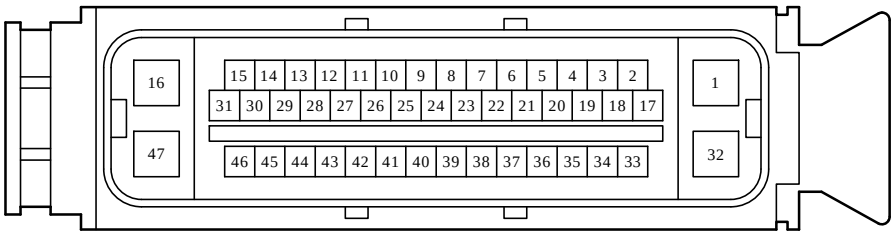
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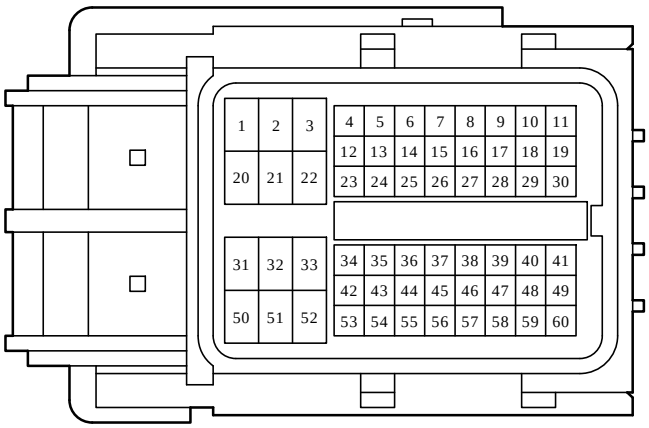
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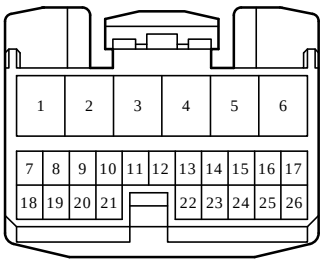
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A 24
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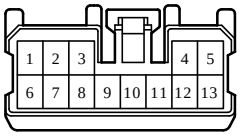
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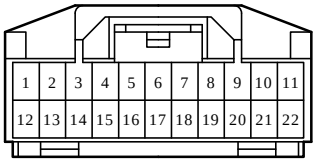
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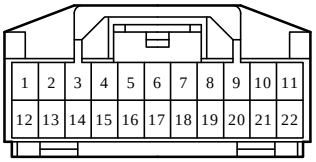
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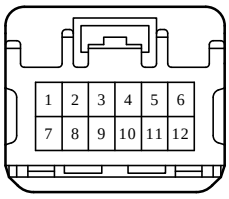
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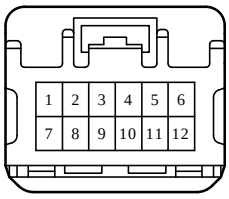
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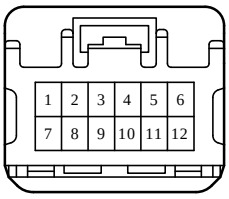
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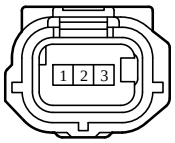
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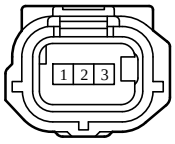
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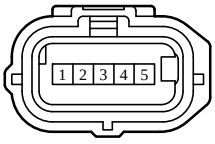
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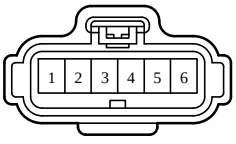
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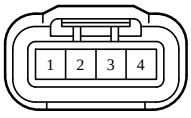
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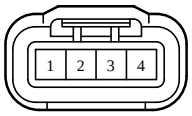
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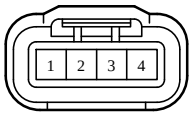
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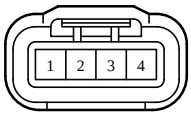
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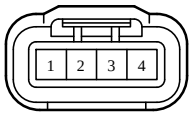
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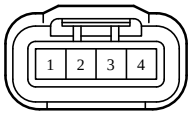
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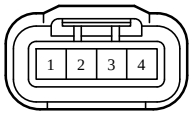
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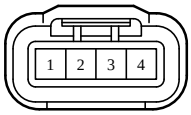
D 21
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D 23
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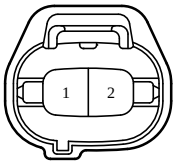
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D 28
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D 29
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D 31
Dark Gray



D 32
Dark Gray



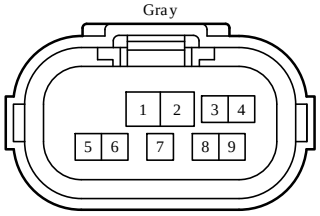
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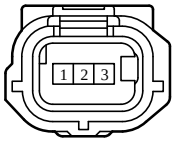
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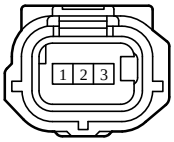
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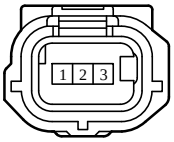
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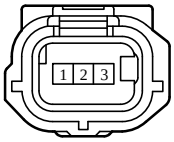
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D 40
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D 41
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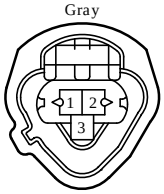
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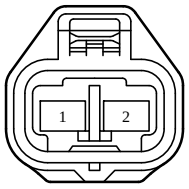
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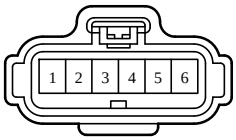
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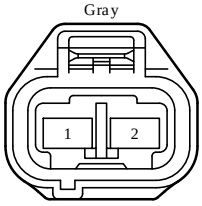
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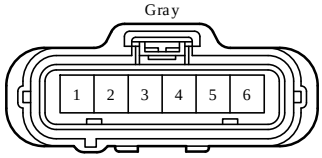
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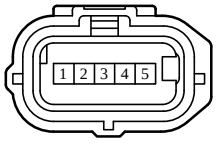
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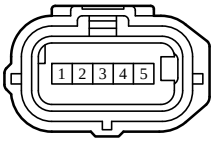
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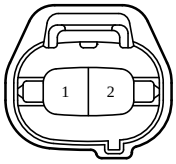
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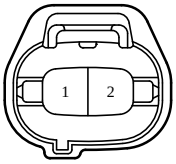
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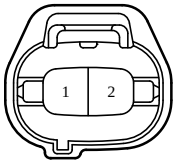
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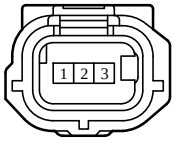
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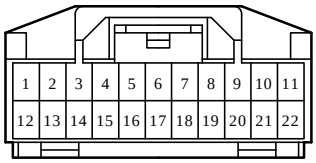
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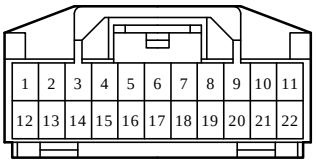
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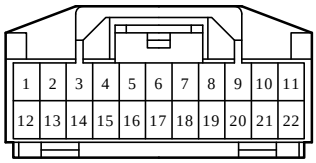
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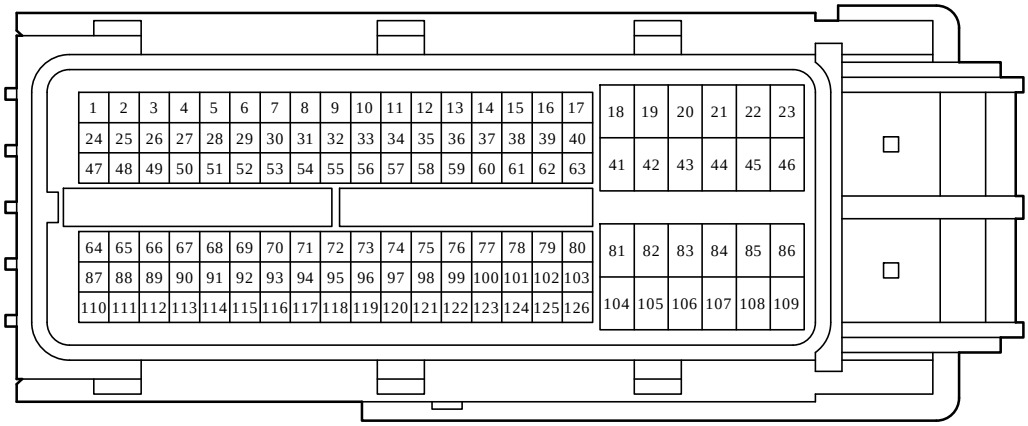
D 72
White



D 73
Blue



D 74
Black



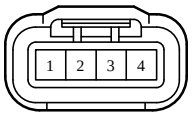
D 75
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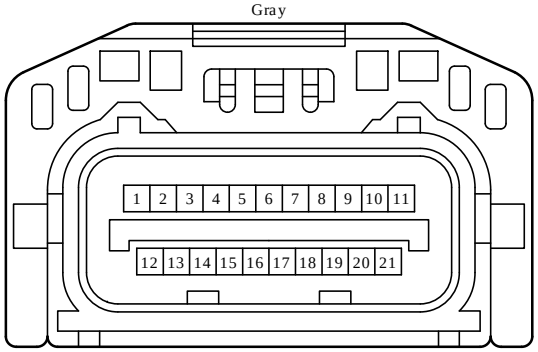
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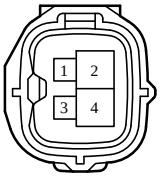
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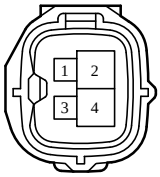
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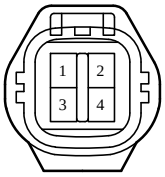
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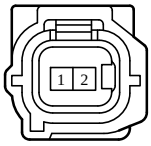
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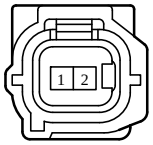
E 9
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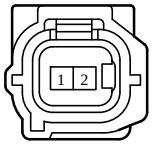
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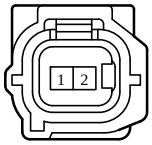
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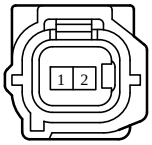
F 3
Black



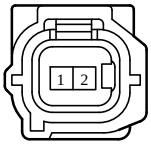
F 4
Black



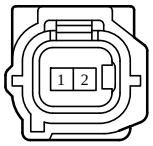
H 1
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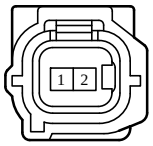
H 2
Black



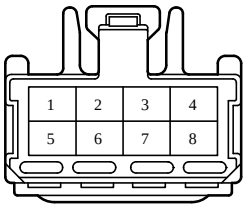
H 3
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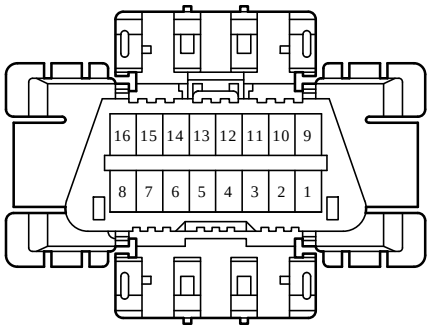
H 4
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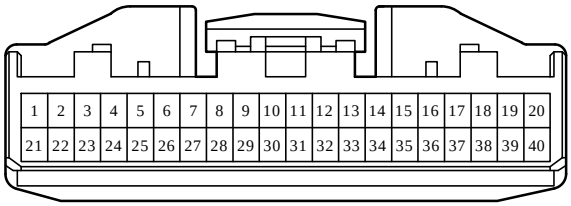
J 9
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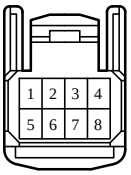
J 17
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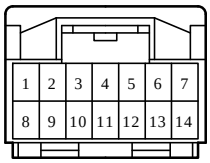
J 19
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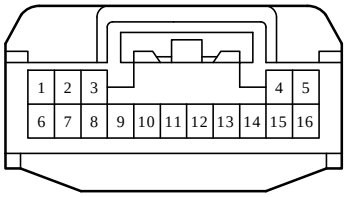
J 24
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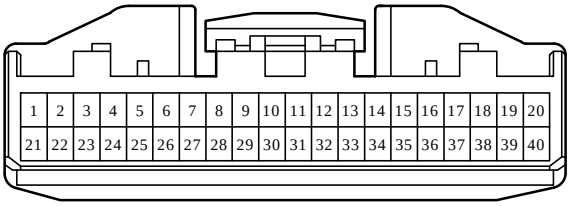
J 25
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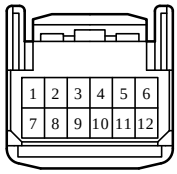
J 26
White



J 28
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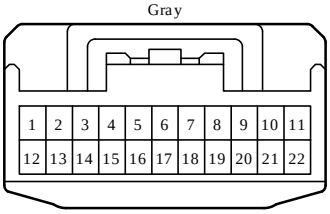
J 45
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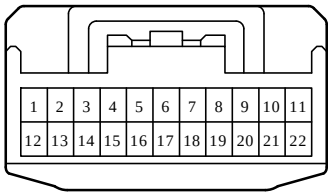
J 54
Orange



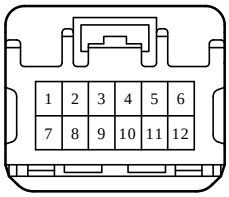
J 61
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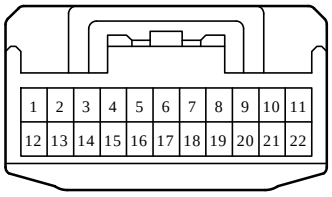
J 65
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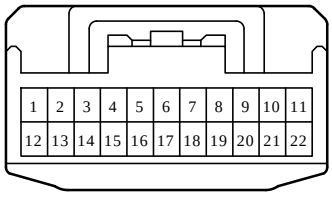
J 66
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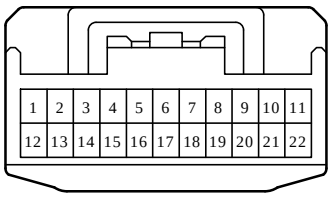
J 70
Blue



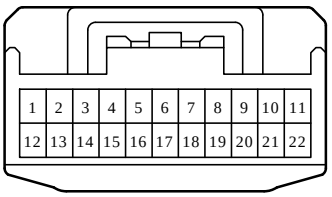
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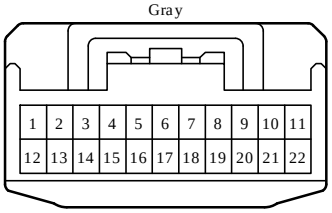
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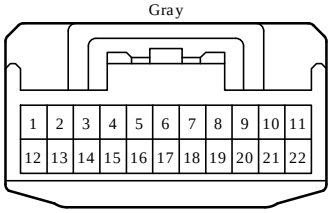
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J 74
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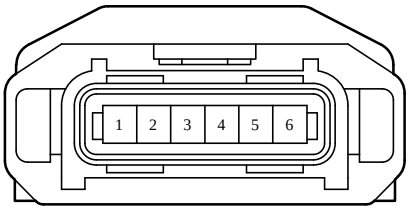
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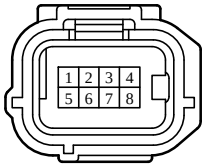
R 6
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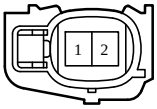
R 11
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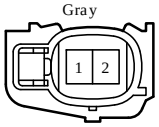
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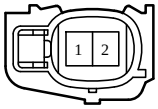
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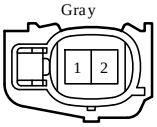
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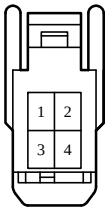
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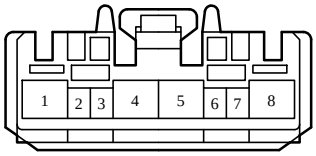
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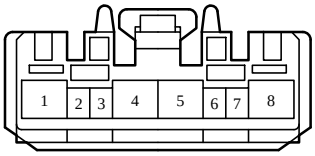
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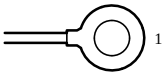
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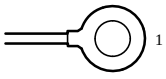
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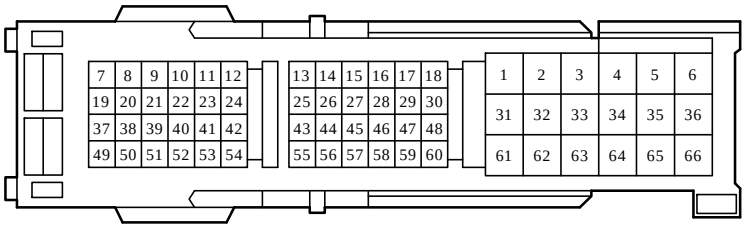
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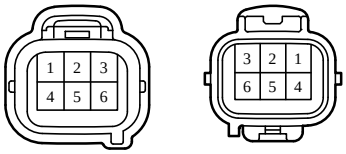
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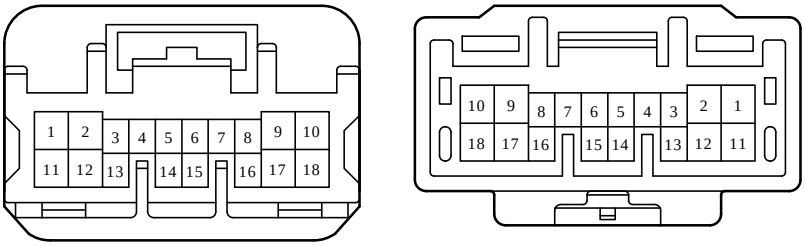
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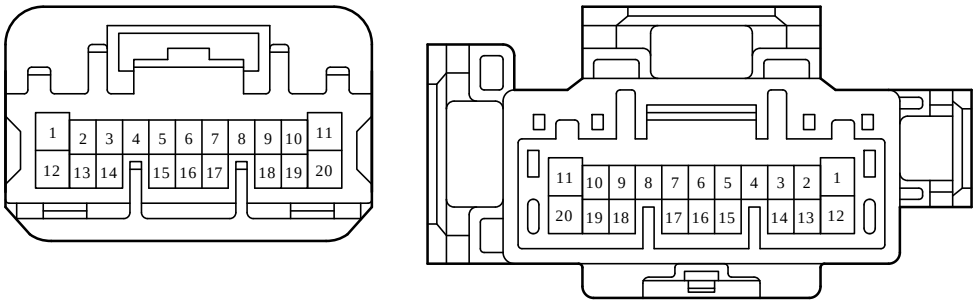
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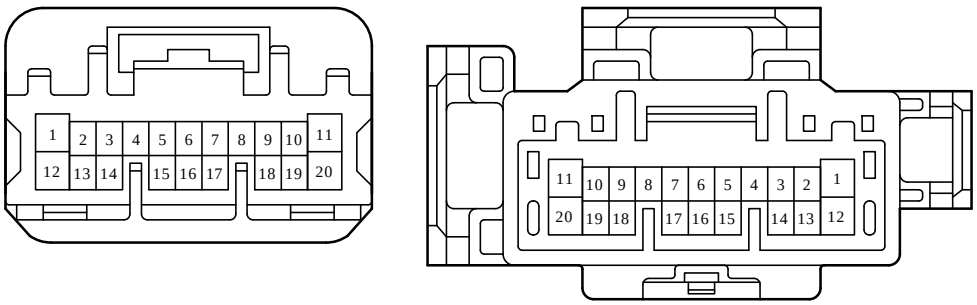
AJ2
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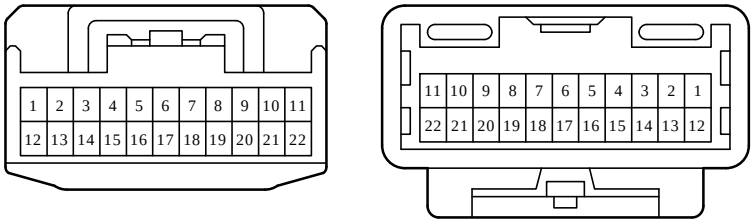
AJ3
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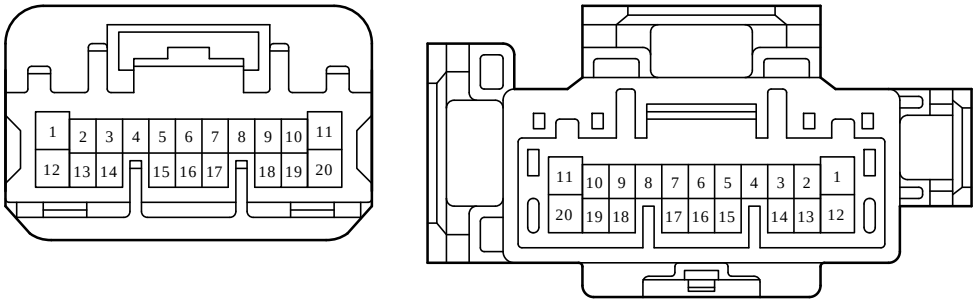
AJ4
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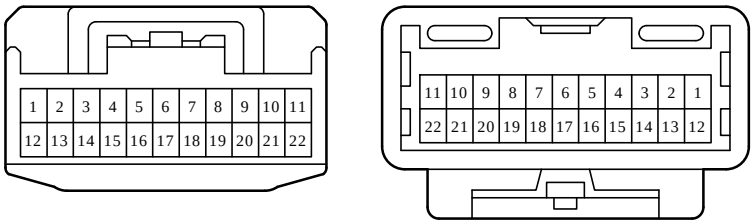
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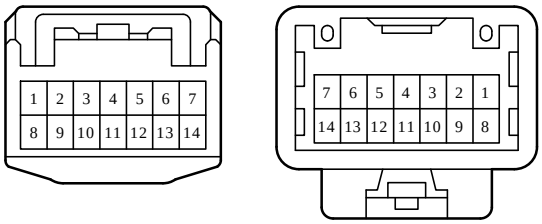
AJ9
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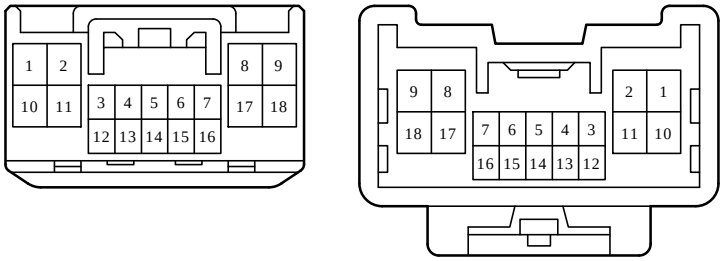
AJ10
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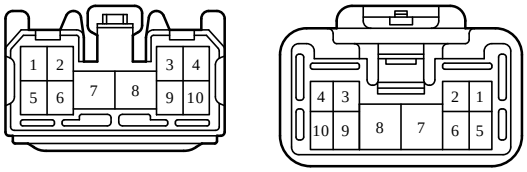
DA1
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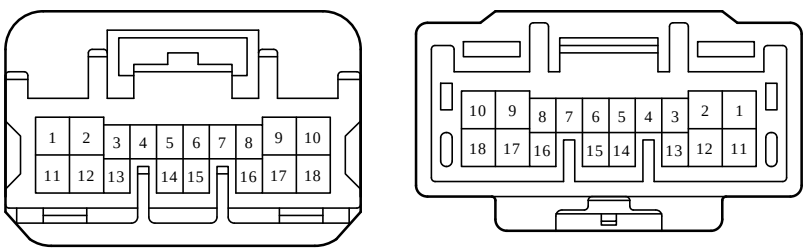
DA2
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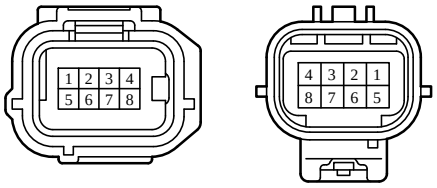
DA3
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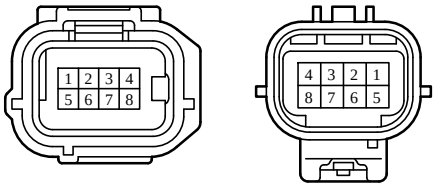
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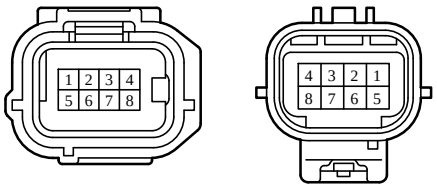
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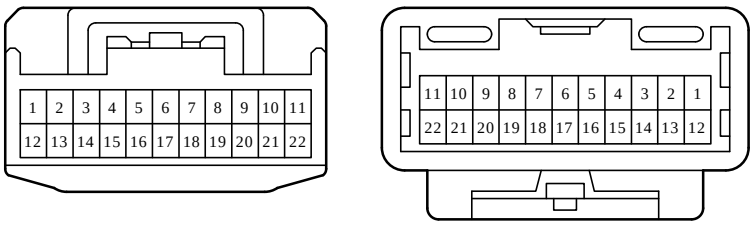
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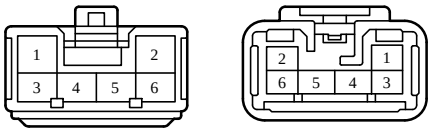
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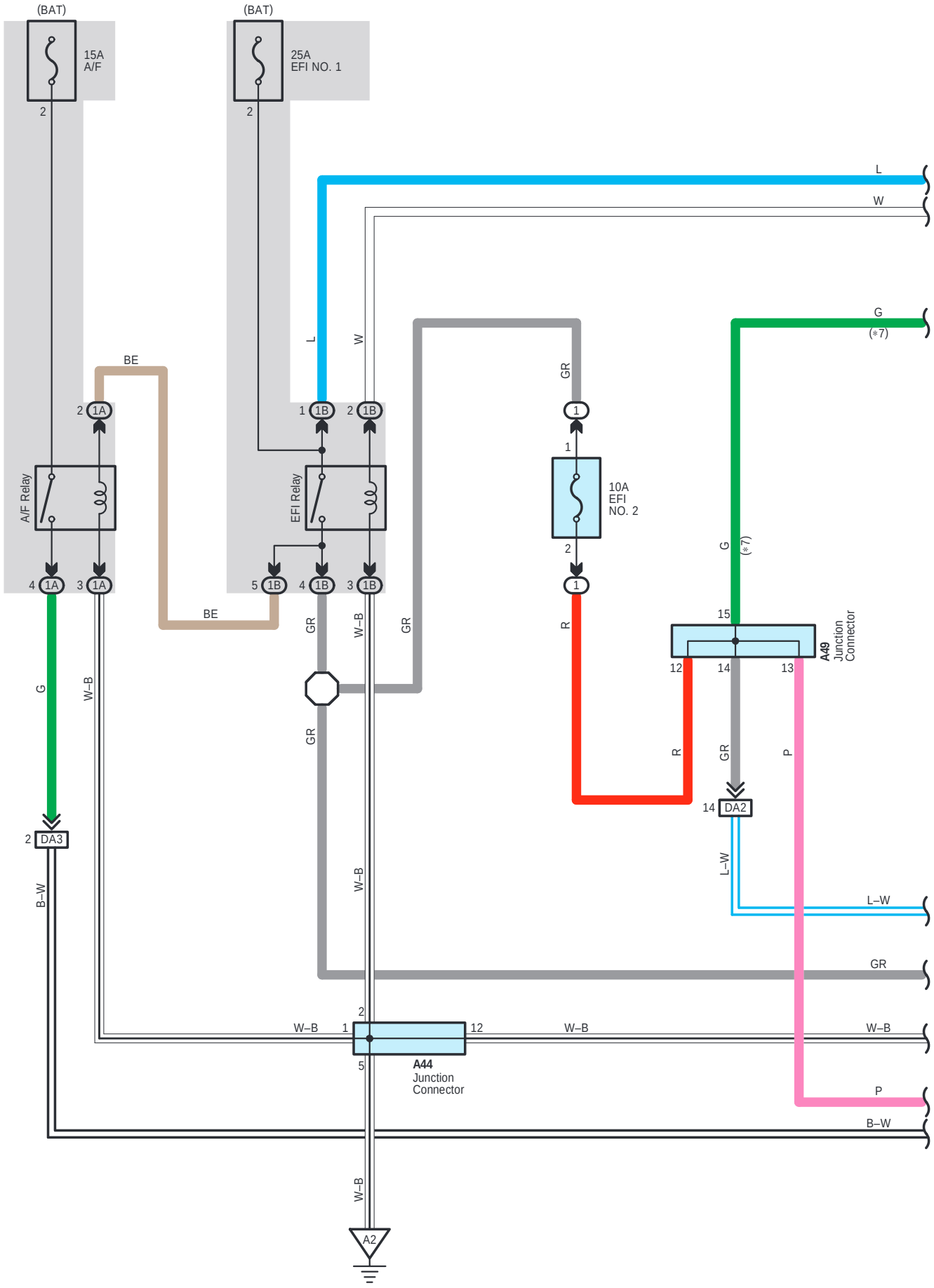


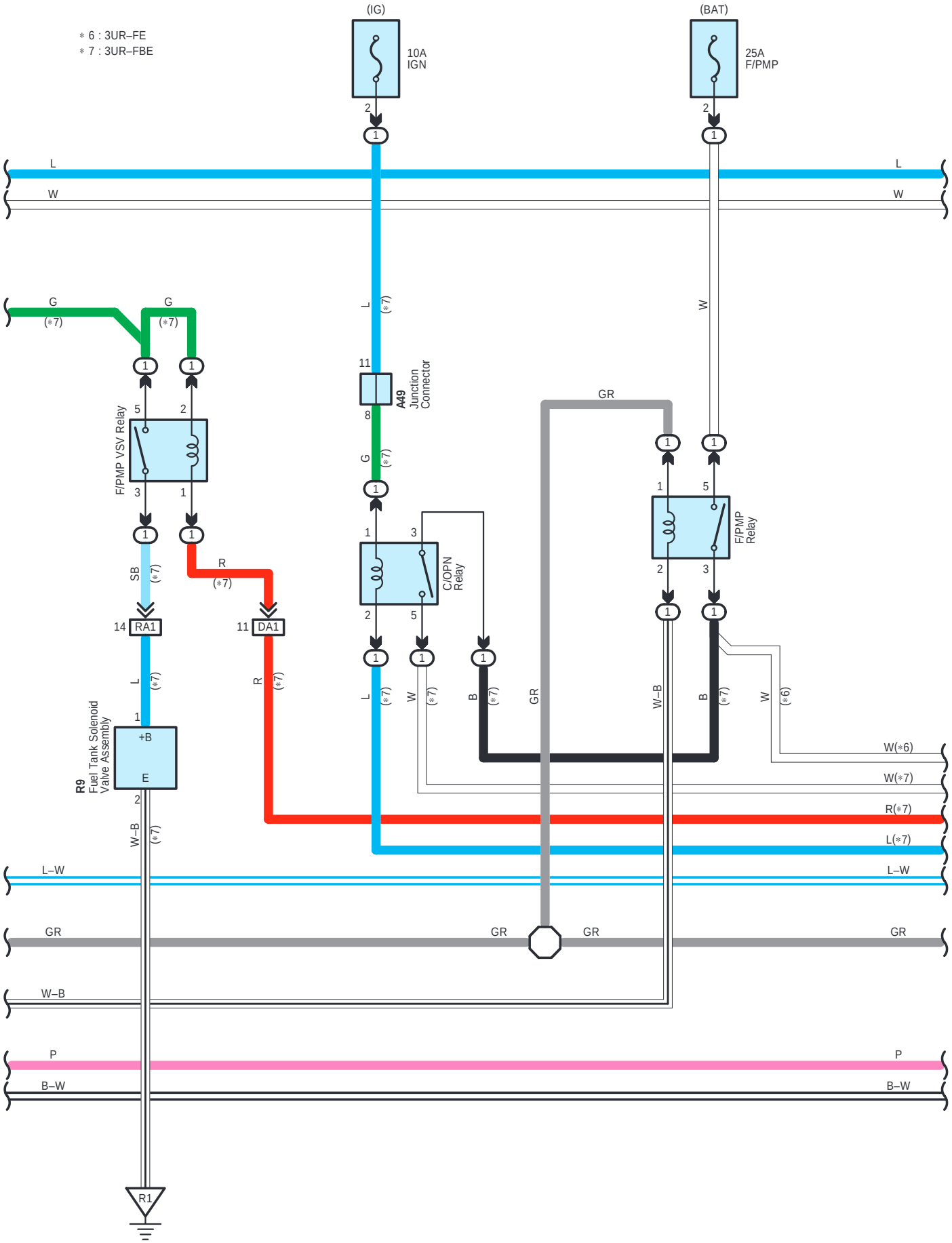
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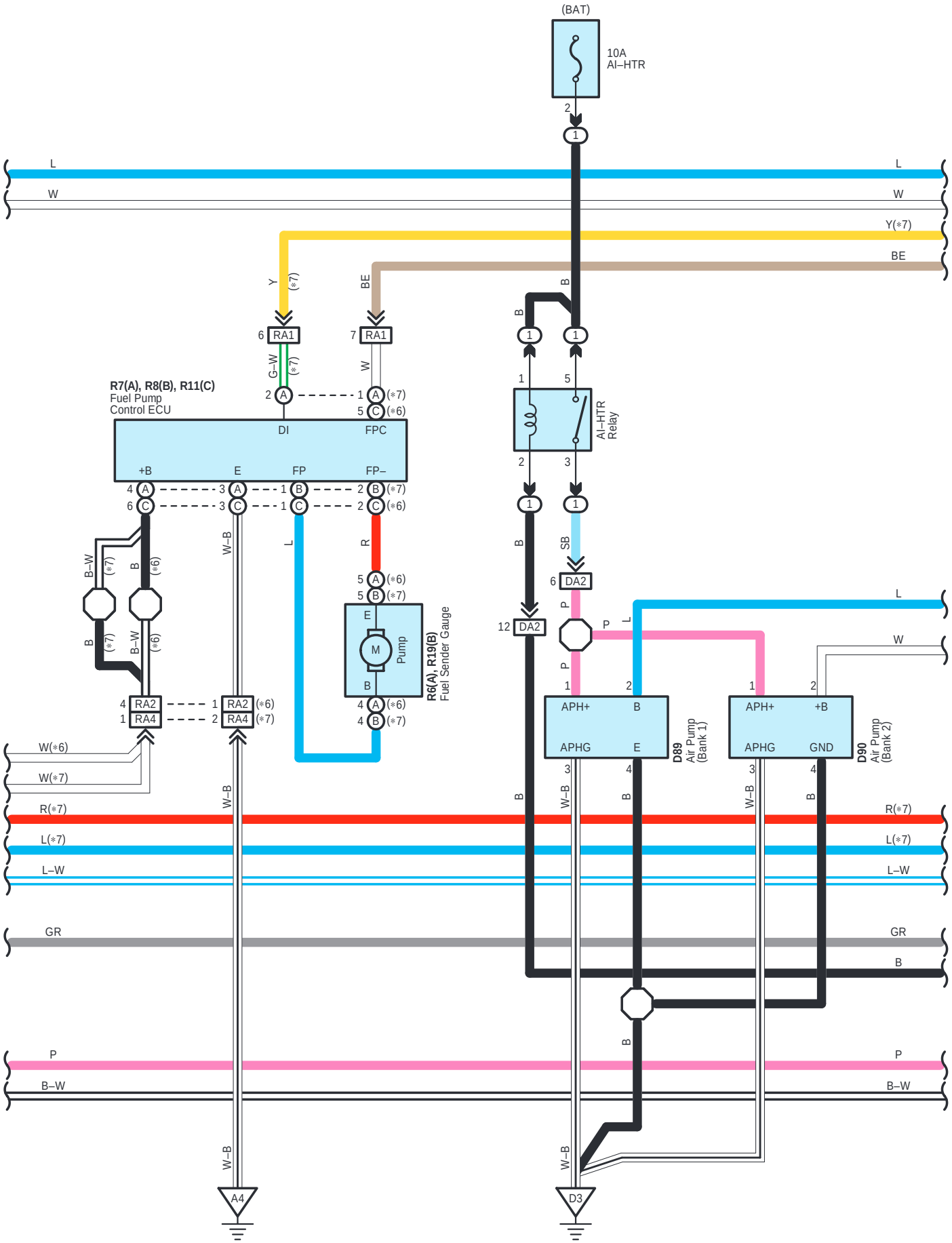


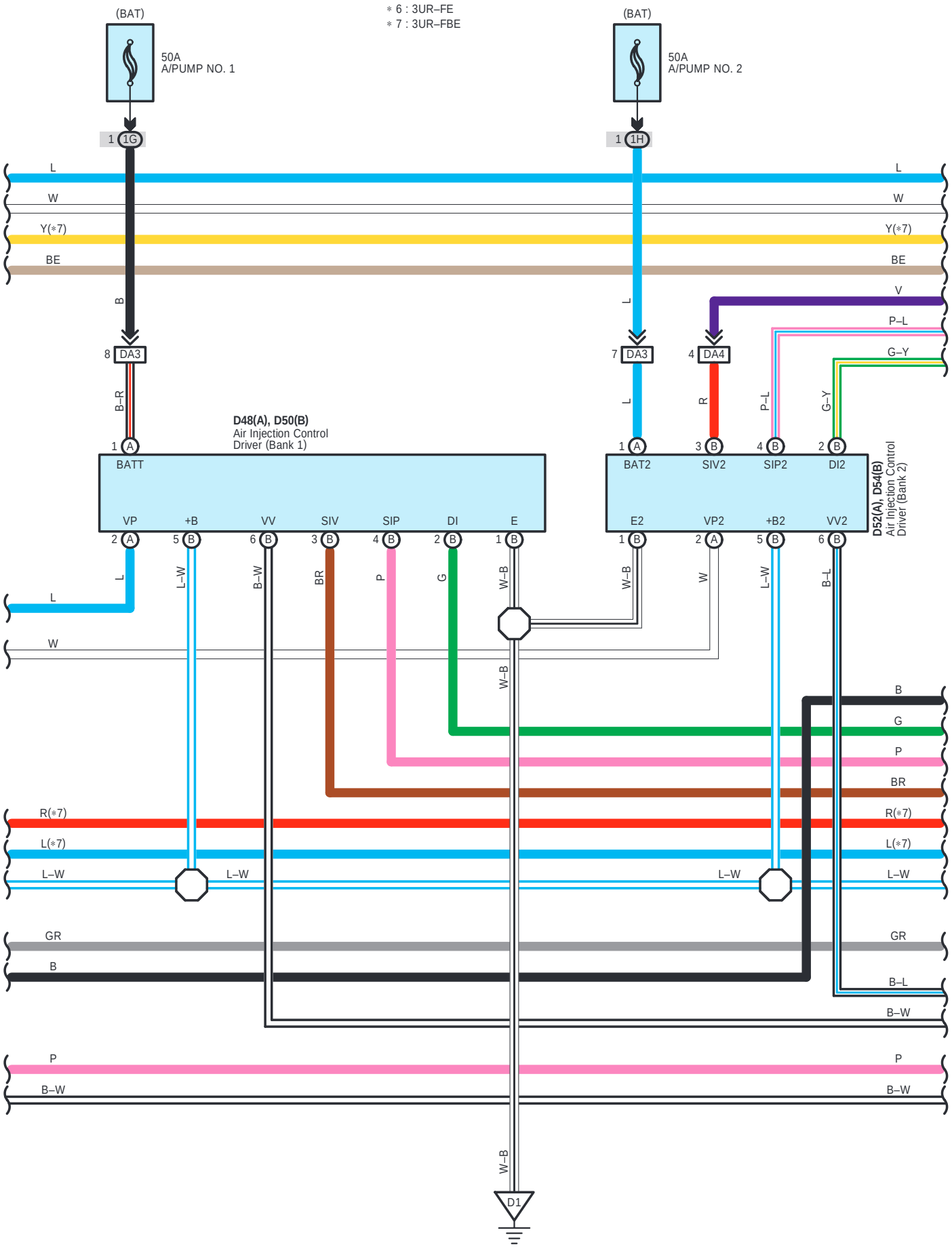
RA2
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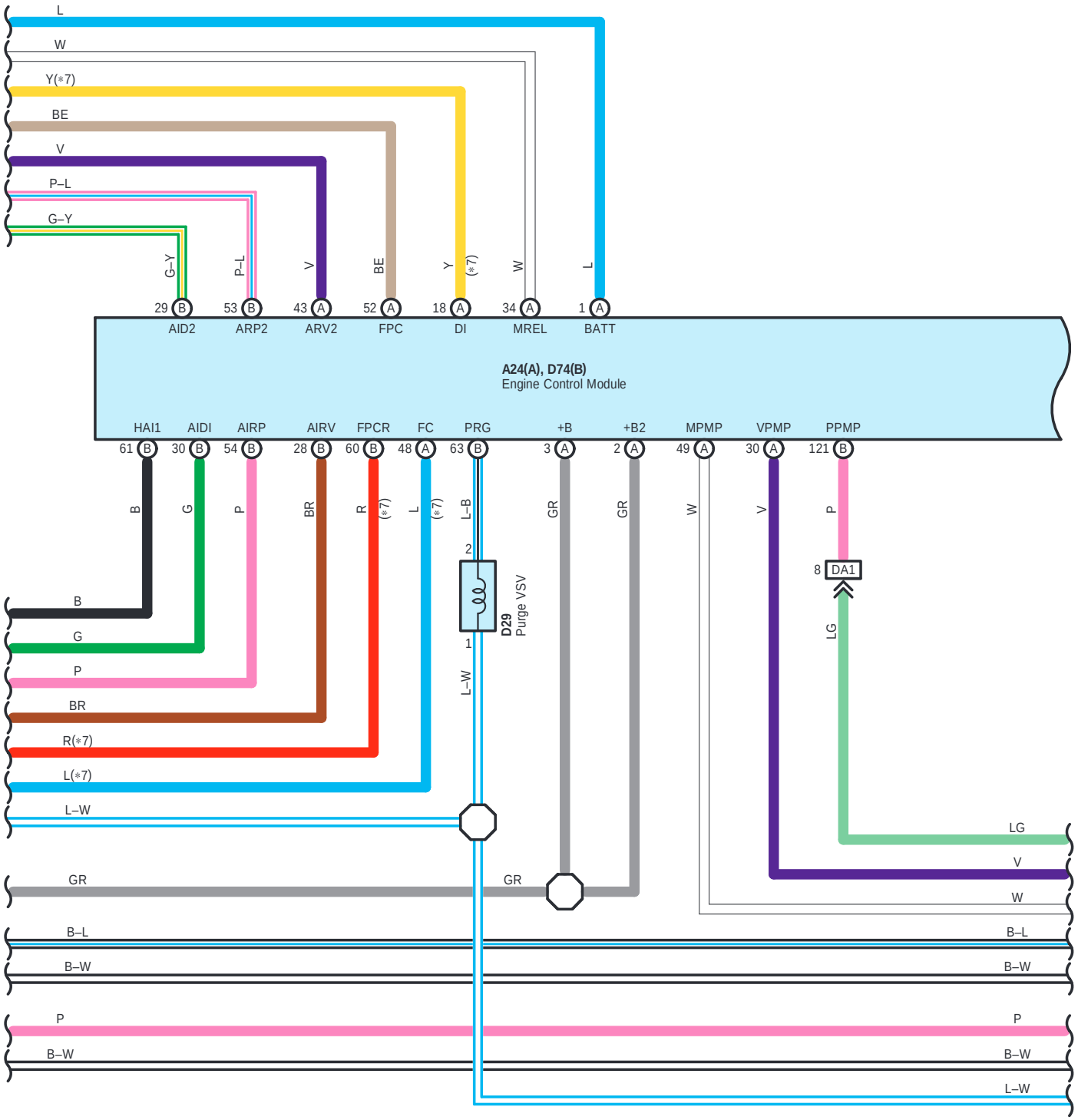


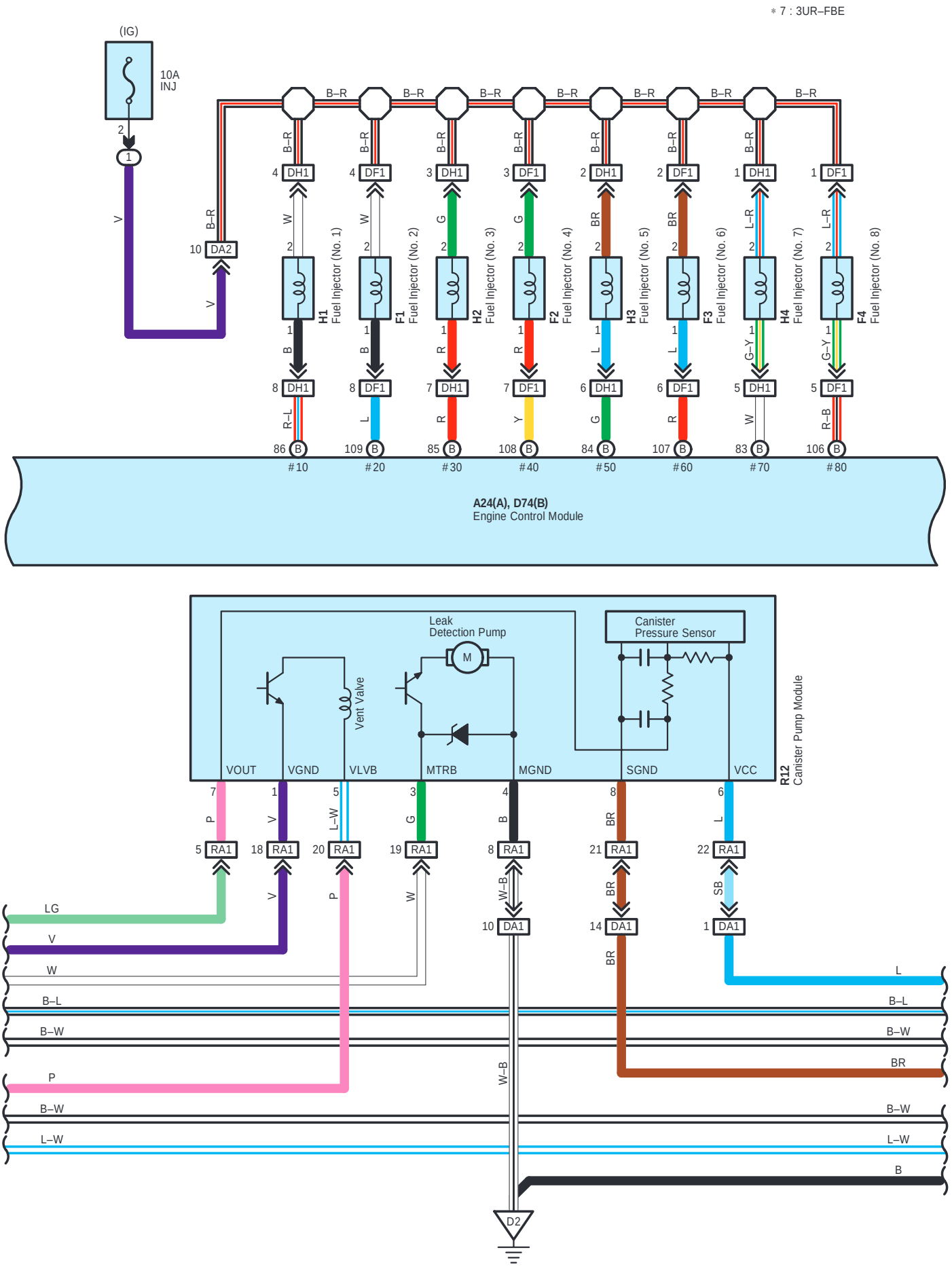

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(BAT)
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2 1B
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GR
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Connector
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B–W
W–B
A2

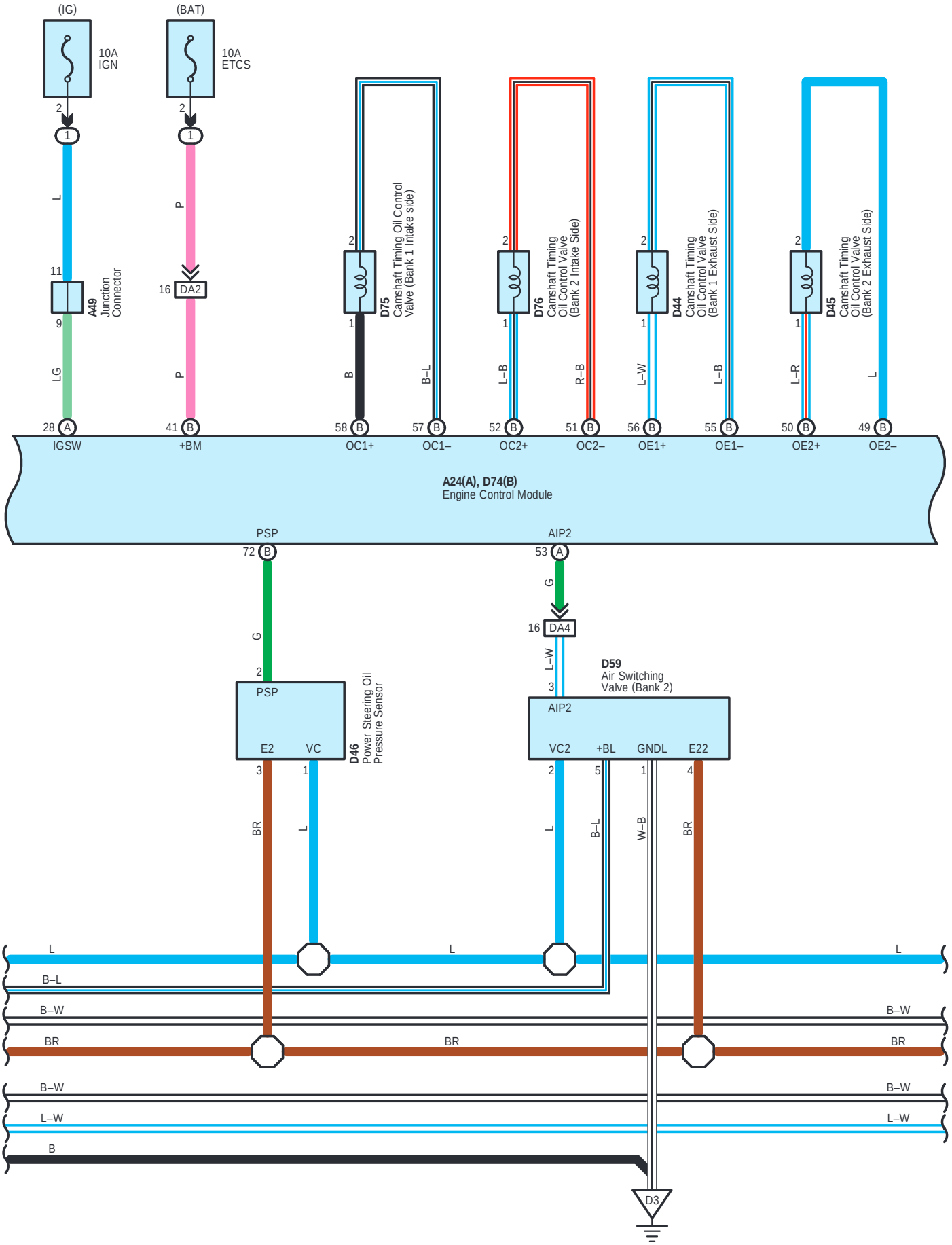

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(IG)
10A
IGN
(BAT)
25A
F/PMP
L
W
G
(∗7)
F/PMP VSV Relay
A49
Junction
Connector
C/OPN
Relay
F/PMP
Relay
SB
R
RA1
DA1
R9
Fuel Tank Solenoid
Valve Assembly
+B
E
W–B
B
GR
W(∗6)
W(∗7)
R(∗7)
L(∗7)
L–W
P
B–W
R1

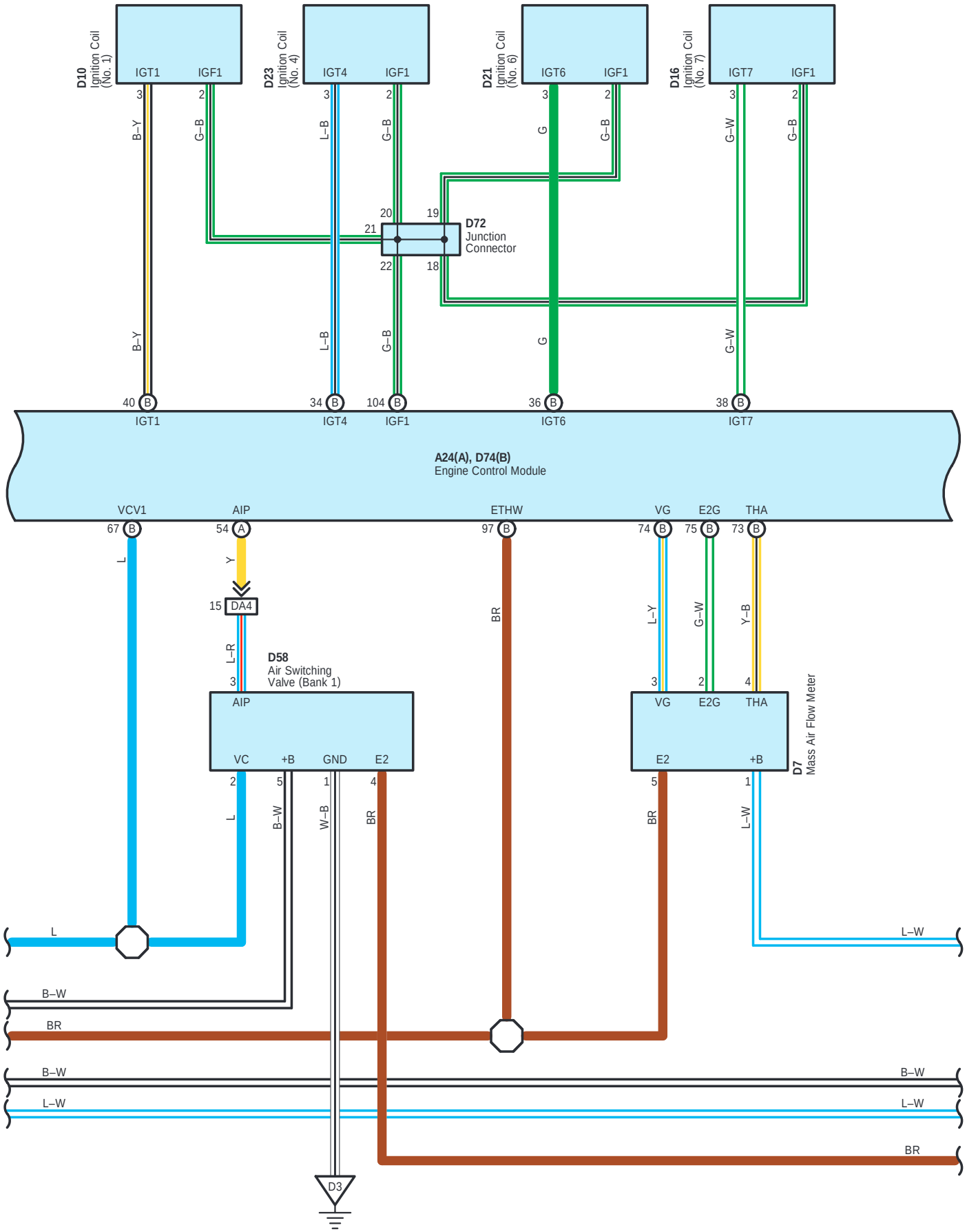

(BAT)
10A
AI–HTR
L
W
Y(*7)
BE
R7(A), R8(B), R11(C)
Fuel Pump
Control ECU
DI
FPC
+B
E
FP
FP–
AI–HTR
Relay
R6(A), R19(B)
Fuel Sender Gauge
Pump
D89
Air Pump
(Bank 1)
D90
Air Pump
(Bank 2)
APH+
APHG
B
E
+B
GND
W(*6)
W(*7)
R(*7)
L(*7)
L–W
GR
P
B–W
W–B
A4
D3

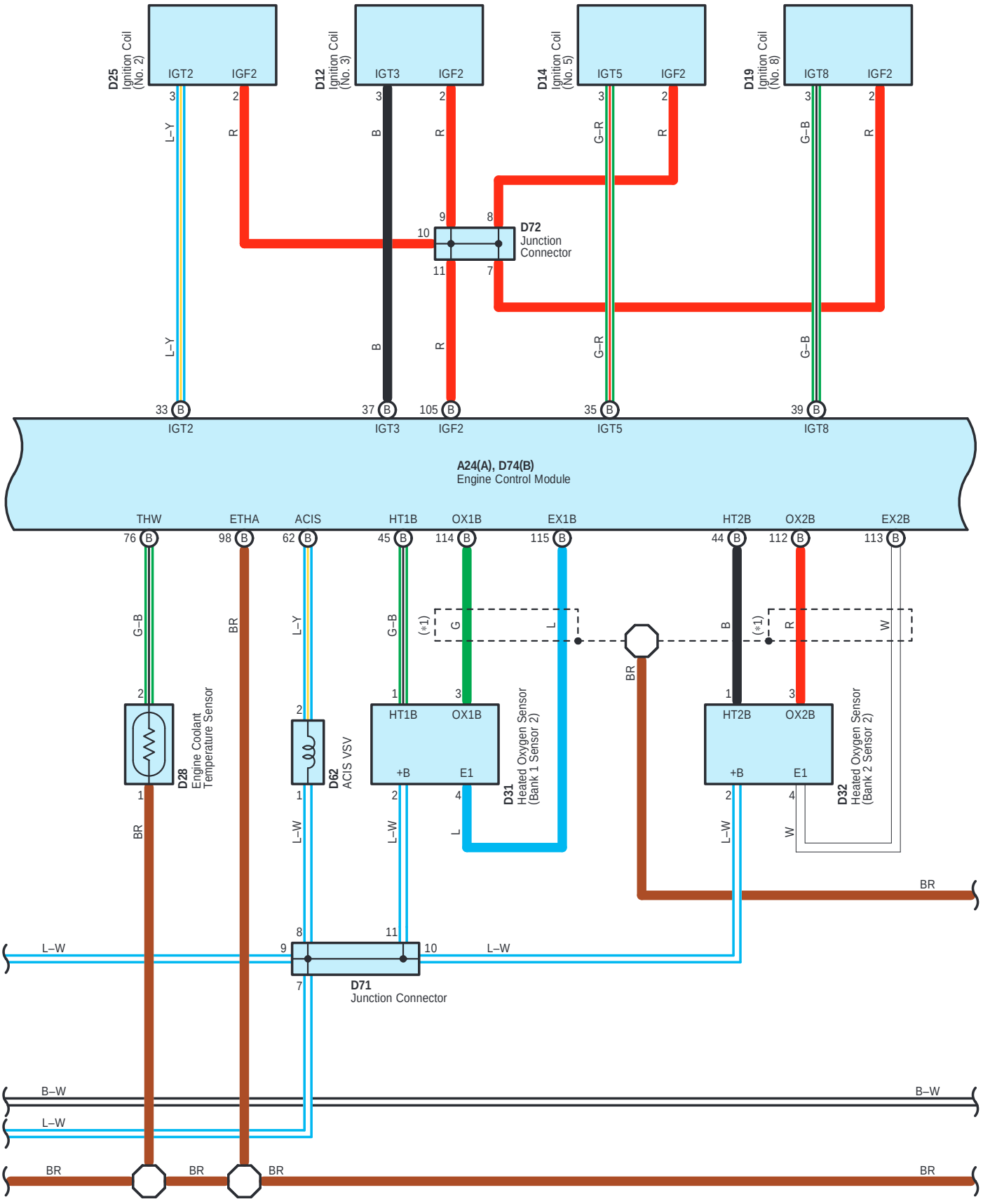

∗ 6 : 3UR–FE
∗ 7 : 3UR–FBE
(BAT)
50A
A/PUMP NO. 1
(BAT)
50A
A/PUMP NO. 2
1 1G
1 1H
L
W
Y(∗7)
BE
B
L
V
P–L
G–Y
8 DA3
7 DA3
4 DA4
B–R
L
R
P–L
G–Y
D48(A), D50(B)
Air Injection Control
Driver (Bank 1)
1 A BATT
1 A BAT2
3 B SIV2
4 B SIP2
2 B DI2
D52(A), D54(B)
Air Injection Control
Driver (Bank 2)
VP +B VV SIV SIP DI E
2 A 5 B 6 B 3 B 4 B 2 B 1 B
E2 VP2 +B2 VV2
1 B 2 A 5 B 6 B
L
L–W
B–W
BR
P
G
W–B
W–B
W
L–W
B–L
L
W
W–B
B
G
P
BR
R(∗7)
L(∗7)
L–W
L–W
L–W
L–W
R(∗7)
L(∗7)
L–W
GR
B
GR
B–L
B–W
P
B–W
P
B–W
W–B
D1


L
W
Y(*7)
BE
V
P–L
G–Y
29 B AID2
53 B ARP2
43 A ARV2
52 A FPC
18 A DI
34 A MREL
1 A BATT
A24(A), D74(B)
Engine Control Module
HAI1 AIDI AIRP AIRV FPCR FC PRG +B +B2 MPMP VPMP PPMP
61 B
30 B
54 B
28 B
60 B
48 A
63 B
3 A
2 A
49 A
30 A
121 B
B
G
P
BR
R(*7)
L(*7)
L–W
GR
B–L
B–W
P
B–W
2
1
D29
Purge VSV
8 DA1
LG
V
W
GR
B–L
B–W
P
B–W
L–W

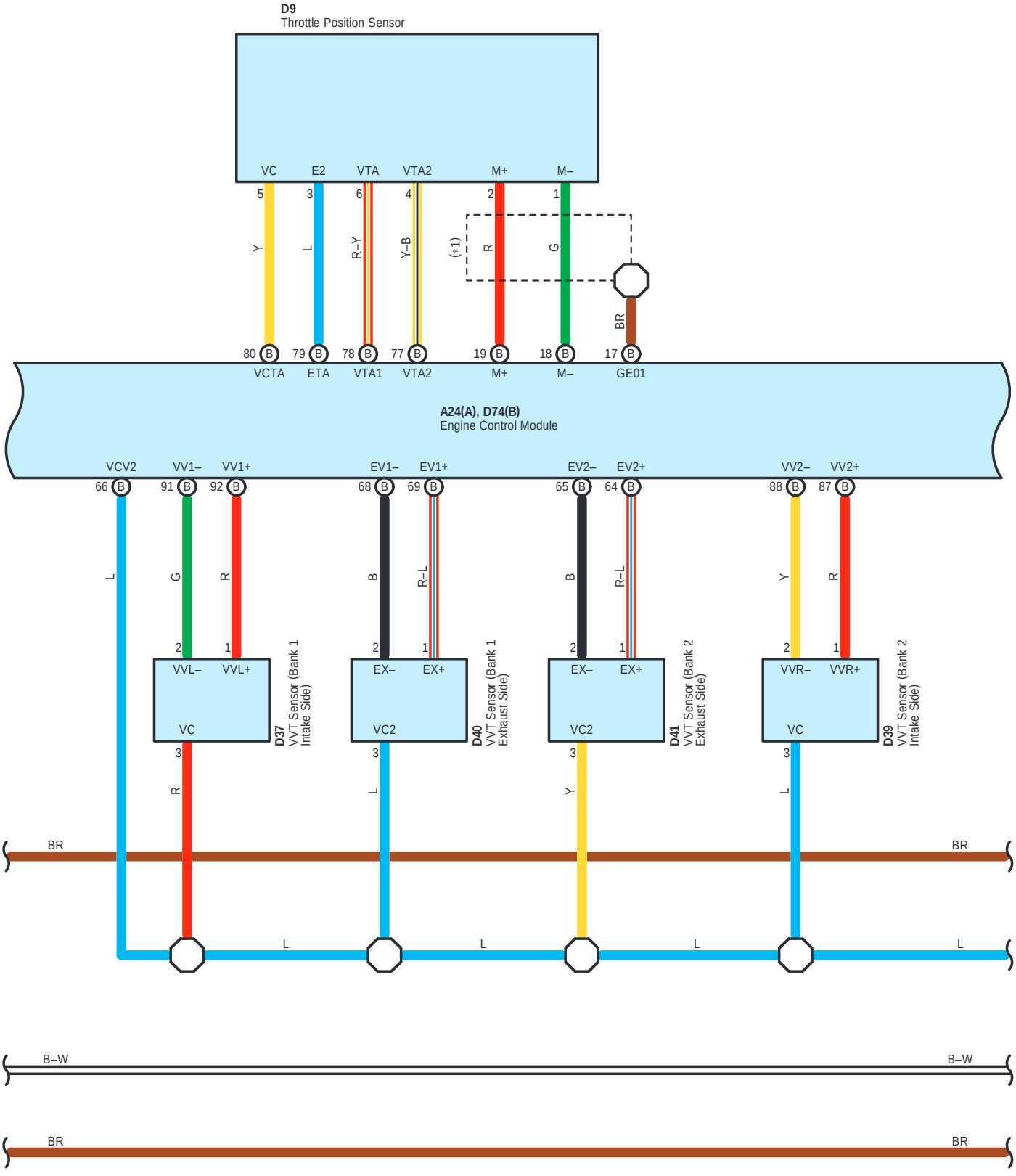

* 7 : 3UR–FBE
(IG)
10A
INJ
A24(A), D74(B)
Engine Control Module
H1 Fuel Injector (No. 1)
F1 Fuel Injector (No. 2)
H2 Fuel Injector (No. 3)
F2 Fuel Injector (No. 4)
H3 Fuel Injector (No. 5)
F3 Fuel Injector (No. 6)
H4 Fuel Injector (No. 7)
F4 Fuel Injector (No. 8)
Leak
Detection Pump
Vent Valve
Canister
Pressure Sensor
R12
Canister Pump Module
VOUT
VGND
VLVB
MTRB
MGND
SGND
VCC
LG
V
W
B–L
B–W
P
L–W
BR
B
W–B
SB
D2

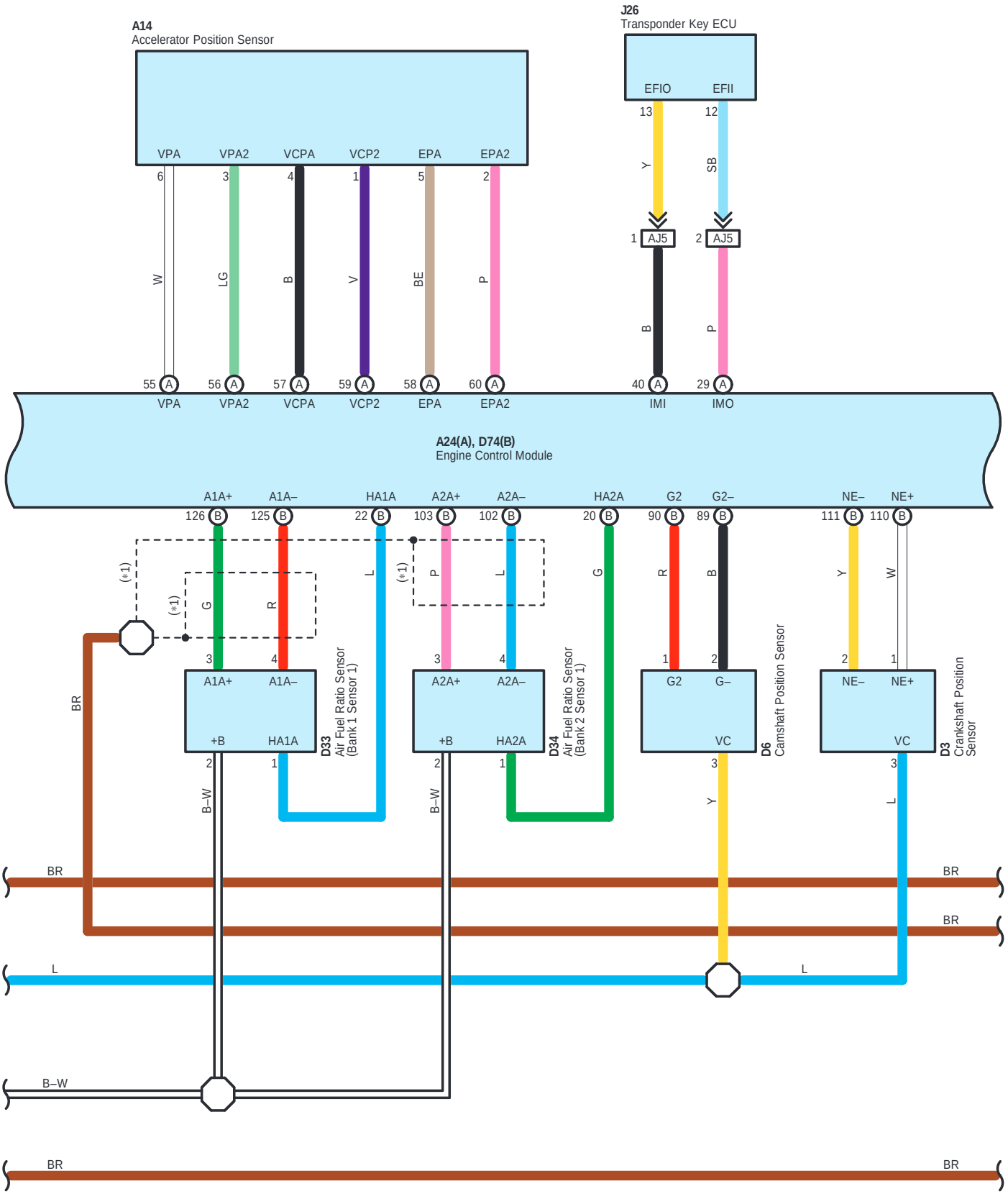

(IG)
10A
IGN
(BAT)
10A
ETCS
A49
Junction
Connector
DA2
D75
Camshaft Timing Oil Control
Valve (Bank 1 Intake side)
D76
Camshaft Timing
Oil Control Valve
(Bank 2 Intake Side)
D44
Camshaft Timing
Oil Control Valve
(Bank 1 Exhaust Side)
D45
Camshaft Timing
Oil Control Valve
(Bank 2 Exhaust Side)
IGSW
+BM
OC1+
OC1–
OC2+
OC2–
OE1+
OE1–
OE2+
OE2–
A24(A), D74(B)
Engine Control Module
PSP
AIP2
DA4
D59
Air Switching
Valve (Bank 2)
D46
Power Steering Oil
Pressure Sensor
E2
VC
VC2
+BL
GNDL
E22
D3

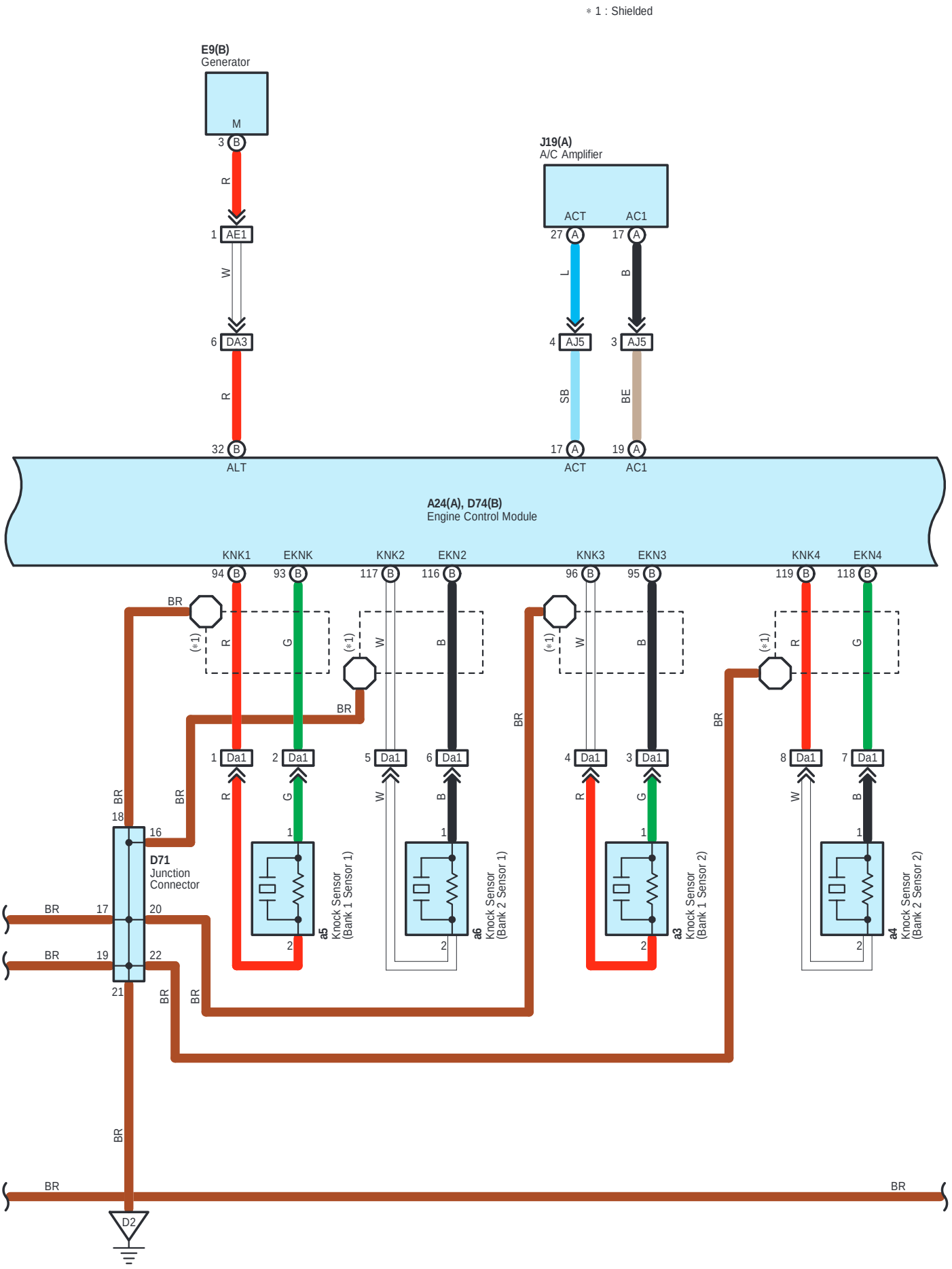

D10 Ignition Coil (No. 1)
IGT1
IGF1
D23 Ignition Coil (No. 4)
IGT4
IGF1
D21 Ignition Coil (No. 6)
IGT6
IGF1
D16 Ignition Coil (No. 7)
IGT7
IGF1
D72 Junction Connector
A24(A), D74(B) Engine Control Module
IGT1
IGT4
IGF1
IGT6
IGT7
VCV1
AIP
ETHW
VG
E2G
THA
D58 Air Switching Valve (Bank 1)
DA4
VC
+B
GND
E2
D7 Mass Air Flow Meter
D3

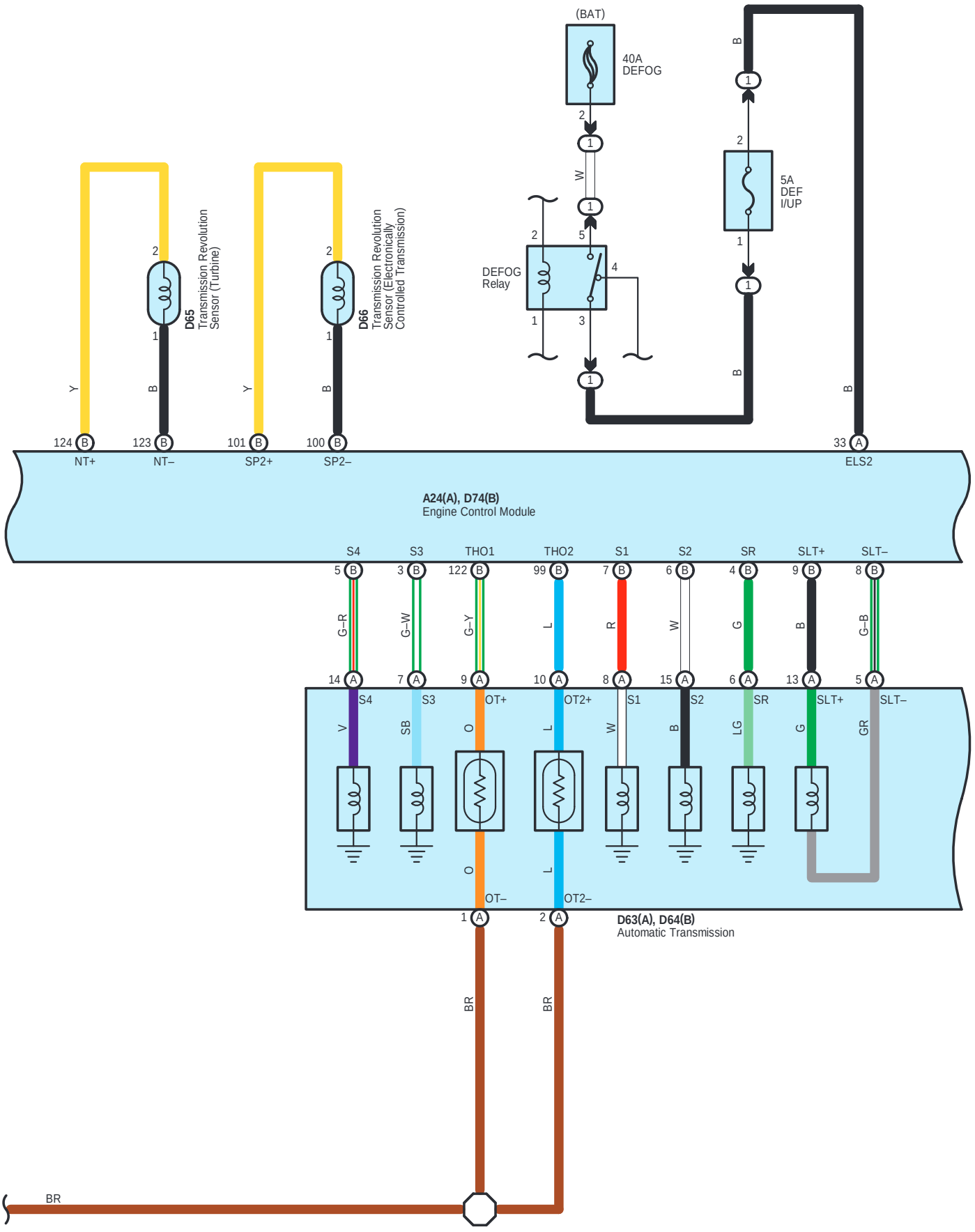

D25 Ignition Coil (No. 2)
IGT2
IGF2
D12 Ignition Coil (No. 3)
IGT3
IGF2
D14 Ignition Coil (No. 5)
IGT5
IGF2
D19 Ignition Coil (No. 8)
IGT8
IGF2
D72 Junction Connector
A24(A), D74(B) Engine Control Module
THW
ETHA
ACIS
HT1B
OX1B
EX1B
HT2B
OX2B
EX2B
D28 Engine Coolant Temperature Sensor
D62 ACIS VSV
D31 Heated Oxygen Sensor (Bank 1 Sensor 2)
D32 Heated Oxygen Sensor (Bank 2 Sensor 2)
D71 Junction Connector

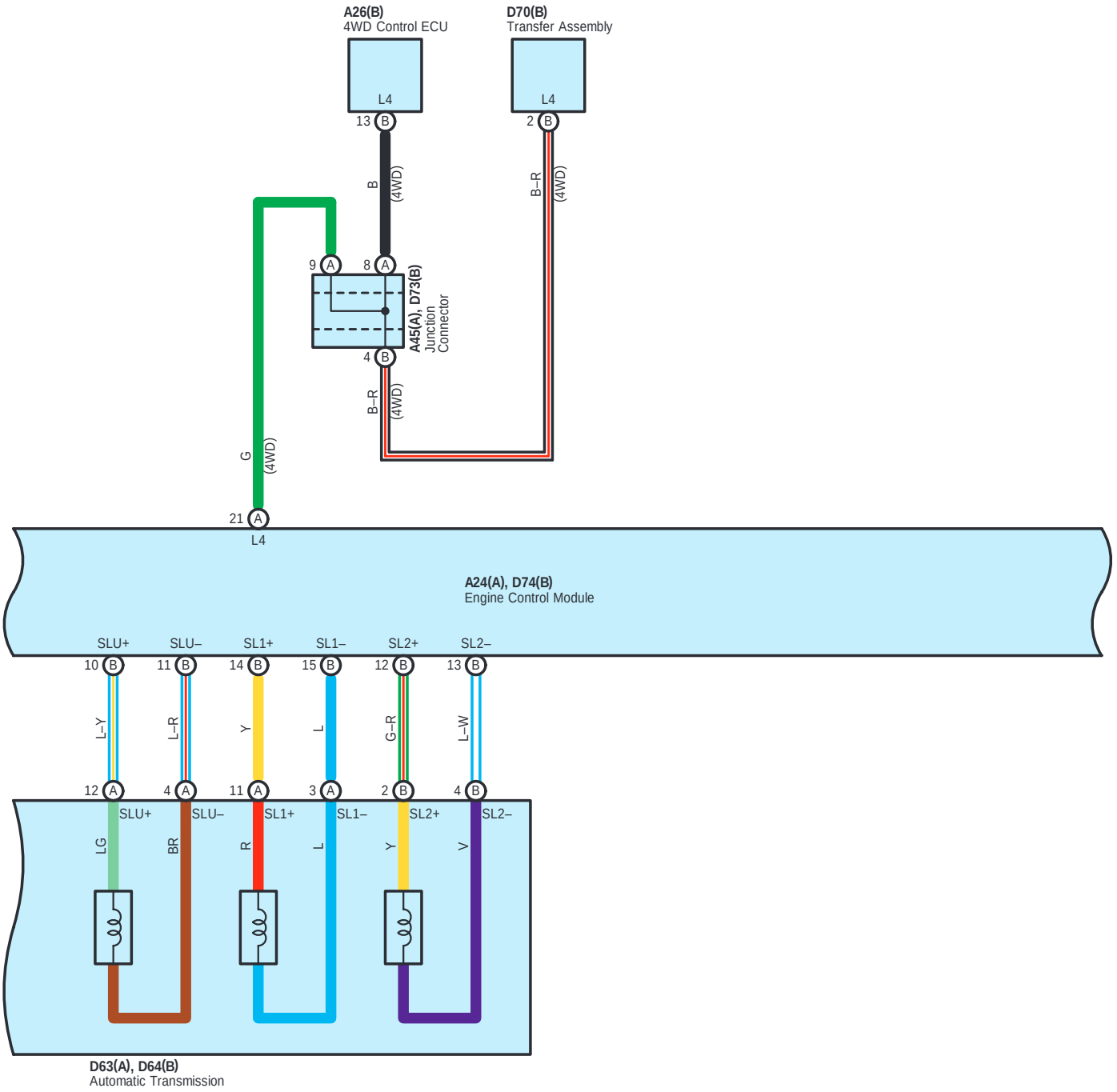
∗ 1 : Shielded

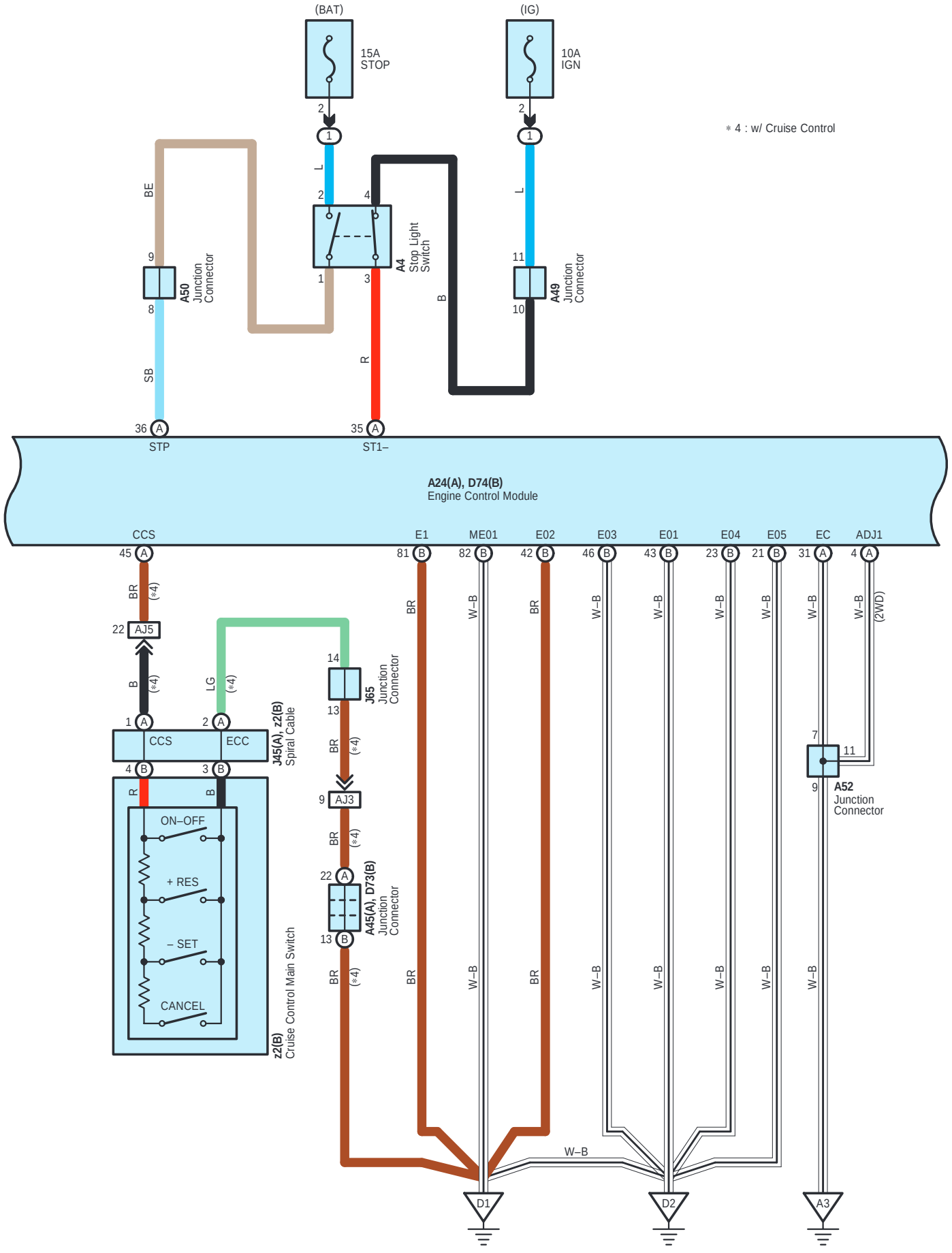

D9
Throttle Position Sensor
VC
E2
VTA
VTA2
M+
M–
5
3
6
4
2
1
Y
L
R–Y
Y–B
(∗1)
R
G
BR
80 B
79 B
78 B
77 B
19 B
18 B
17 B
VCTA
ETA
VTA1
VTA2
M+
M–
GE01
A24(A), D74(B)
Engine Control Module
VCV2
VV1–
VV1+
EV1–
EV1+
EV2–
EV2+
VV2–
VV2+
66 B
91 B
92 B
68 B
69 B
65 B
64 B
88 B
87 B
L
G
R
B
R–L
B
R–L
Y
R
2
1
VVL–
VVL+
VC
D37
VVT Sensor (Bank 1 Intake Side)
EX–
EX+
VC2
D40
VVT Sensor (Bank 1 Exhaust Side)
EX–
EX+
VC2
D41
VVT Sensor (Bank 2 Exhaust Side)
VVR–
VVR+
VC
D39
VVT Sensor (Bank 2 Intake Side)
3
R
L
Y
L
BR
BR
L
L
L
L
B–W
B–W
BR
BR

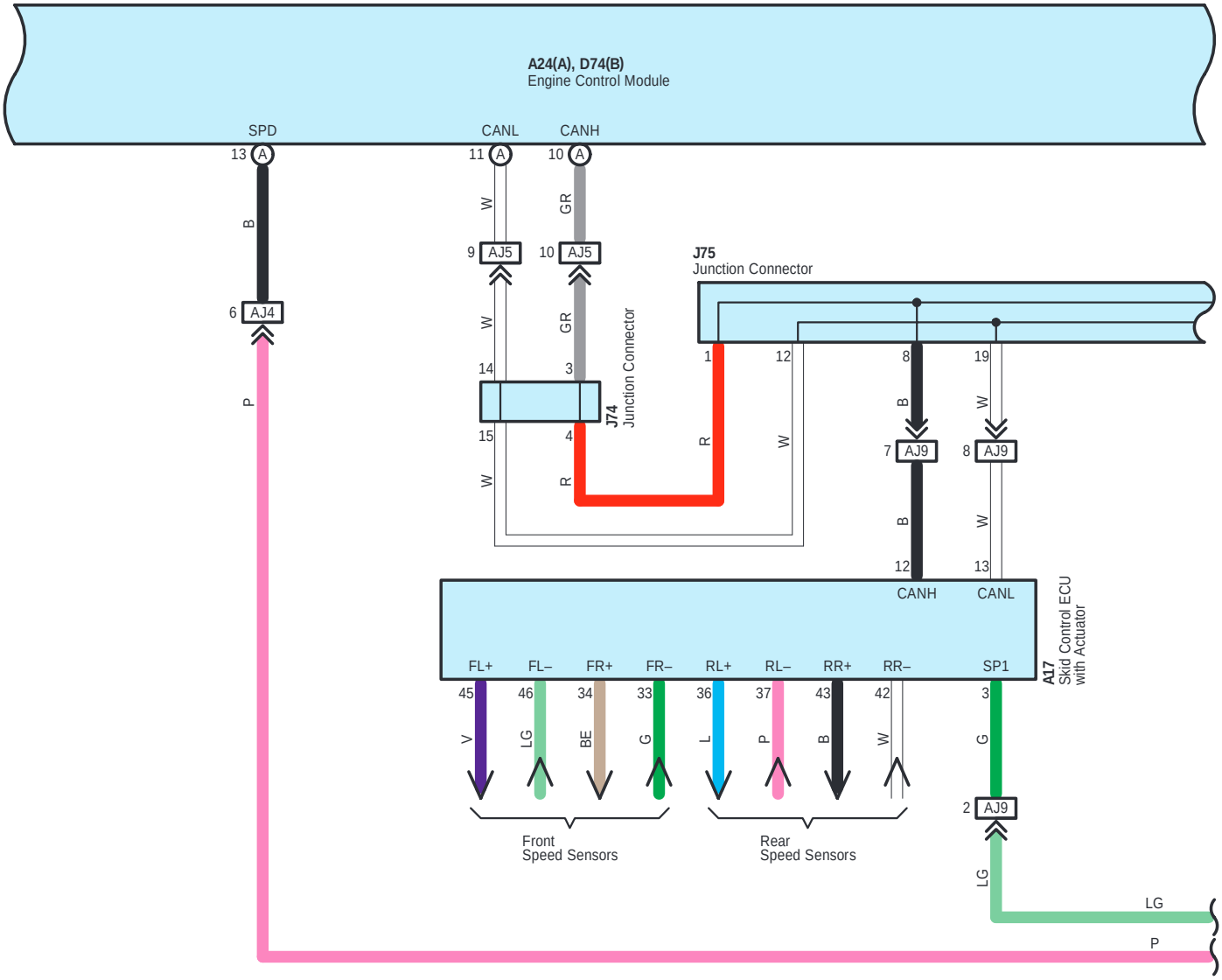

A14
Accelerator Position Sensor
VPA
VPA2
VCPA
VCP2
EPA
EPA2
6
3
4
1
5
2
W
LG
B
V
BE
P
55 A VPA
56 A VPA2
57 A VCPA
59 A VCP2
58 A EPA
60 A EPA2
J26
Transponder Key ECU
EFIO
EFII
13
12
Y
SB
1 AJ5
2 AJ5
B
P
40 A IMI
29 A IMO
A24(A), D74(B)
Engine Control Module
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
G2
G2–
NE–
NE+
126 B
125 B
22 B
103 B
102 B
20 B
90 B
89 B
111 B
110 B
(*1)
G
R
L
P
L
G
R
B
Y
W
3
4
1
2
A1A+
A1A–
+B
HA1A
D33
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A2A+
A2A–
+B
HA2A
D34
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
G2
G–
VC
D6
Camshaft Position Sensor
NE–
NE+
VC
D3
Crankshaft Position
Sensor
BR
B–W
Y
L
BR
BR
L
L
B–W
BR
BR


* 1 : Shielded
E9(B)
Generator
M
3 B
R
1 AE1
W
6 DA3
R
32 B
ALT
J19(A)
A/C Amplifier
ACT
AC1
27 A
17 A
L
B
4 AJ5
3 AJ5
SB
BE
17 A
ACT
19 A
AC1
A24(A), D74(B)
Engine Control Module
KNK1
EKNK
KNK2
EKN2
KNK3
EKN3
KNK4
EKN4
94 B
93 B
117 B
116 B
96 B
95 B
119 B
118 B
(*1)
BR
R
G
W
B
1 Da1
2 Da1
5 Da1
6 Da1
4 Da1
3 Da1
8 Da1
7 Da1
D71
Junction
Connector
18
16
17
20
19
22
21
a5
Knock Sensor
(Bank 1 Sensor 1)
a6
Knock Sensor
(Bank 2 Sensor 1)
a3
Knock Sensor
(Bank 1 Sensor 2)
a4
Knock Sensor
(Bank 2 Sensor 2)
D2

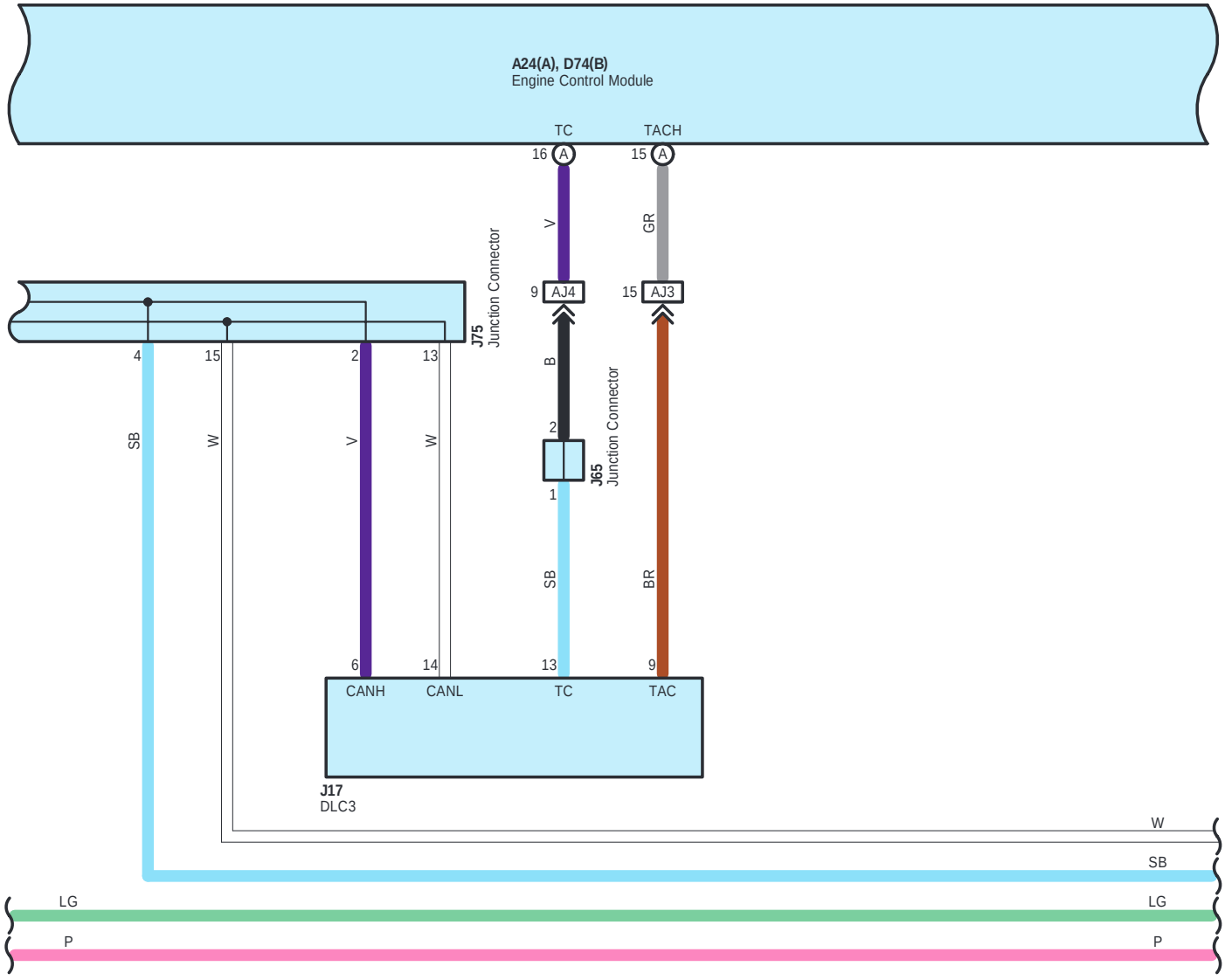

(BAT)
40A
DEFOG
5A
DEF
I/UP
DEFOG
Relay
D65
Transmission Revolution
Sensor (Turbine)
D66
Transmission Revolution
Sensor (Electronically
Controlled Transmission)
124 NT+
123 NT–
101 SP2+
100 SP2–
33 ELS2
A24(A), D74(B)
Engine Control Module
S4
S3
THO1
THO2
S1
S2
SR
SLT+
SLT–
OT+
OT–
OT2+
OT2–
D63(A), D64(B)
Automatic Transmission
BR

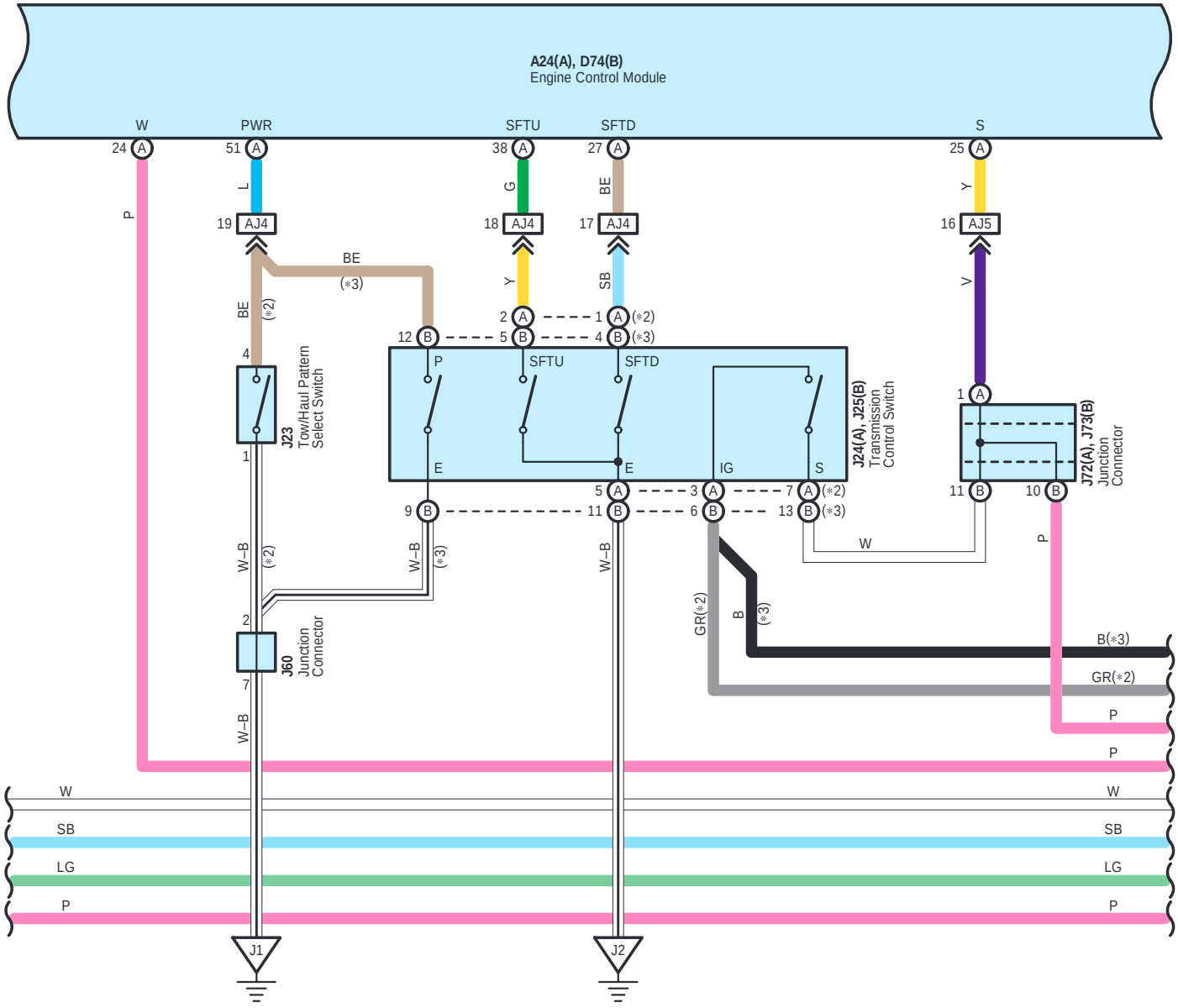

A26(B)
4WD Control ECU
D70(B)
Transfer Assembly
L4
13 B
2 B
B (4WD)
B–R (4WD)
9 A
8 A
A45(A), D73(B)
Junction Connector
4 B
B–R (4WD)
G (4WD)
21 A
L4
A24(A), D74(B)
Engine Control Module
SLU+
SLU–
SL1+
SL1–
SL2+
SL2–
10 B
11 B
14 B
15 B
12 B
13 B
L–Y
L–R
Y
L
G–R
L–W
12 A
4 A
11 A
3 A
2 B
4 B
LG
BR
R
L
Y
V
D63(A), D64(B)
Automatic Transmission

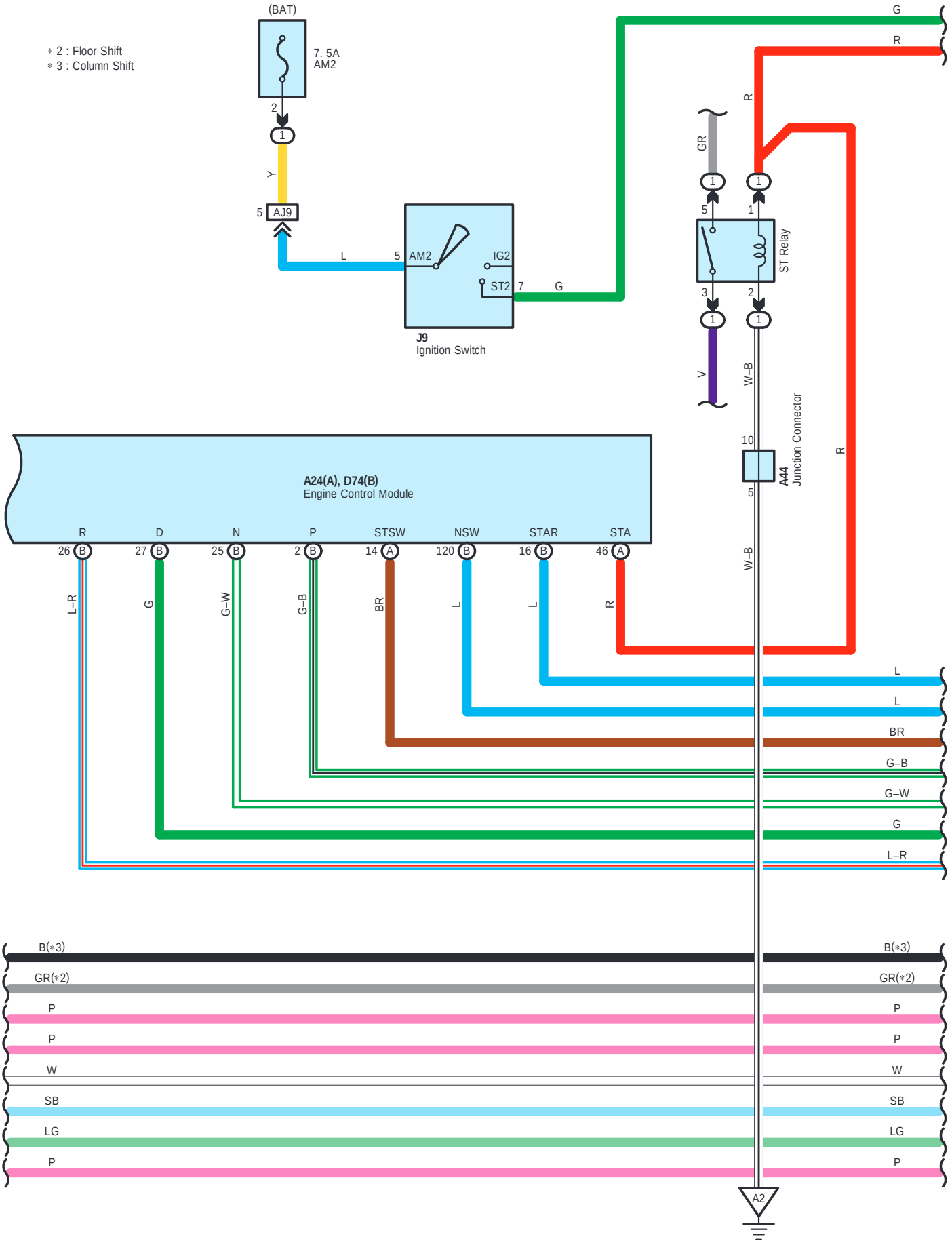

(BAT)
15A
STOP
(IG)
10A
IGN
∗ 4 : w/ Cruise Control
BE
SB
L
R
B
A50
Junction
Connector
A4
Stop Light
Switch
A49
Junction
Connector
STP
ST1–
A24(A), D74(B)
Engine Control Module
CCS
E1
ME01
E02
E03
E01
E04
E05
EC
ADJ1
BR
W–B
LG
(∗4)
(2WD)
AJ5
AJ3
J65
Junction
Connector
J45(A), Z2(B)
Spiral Cable
CCS
ECC
ON–OFF
+ RES
– SET
CANCEL
Z2(B)
Cruise Control Main Switch
A45(A), D73(B)
Junction
Connector
A52
Junction
Connector
D1
D2
A3

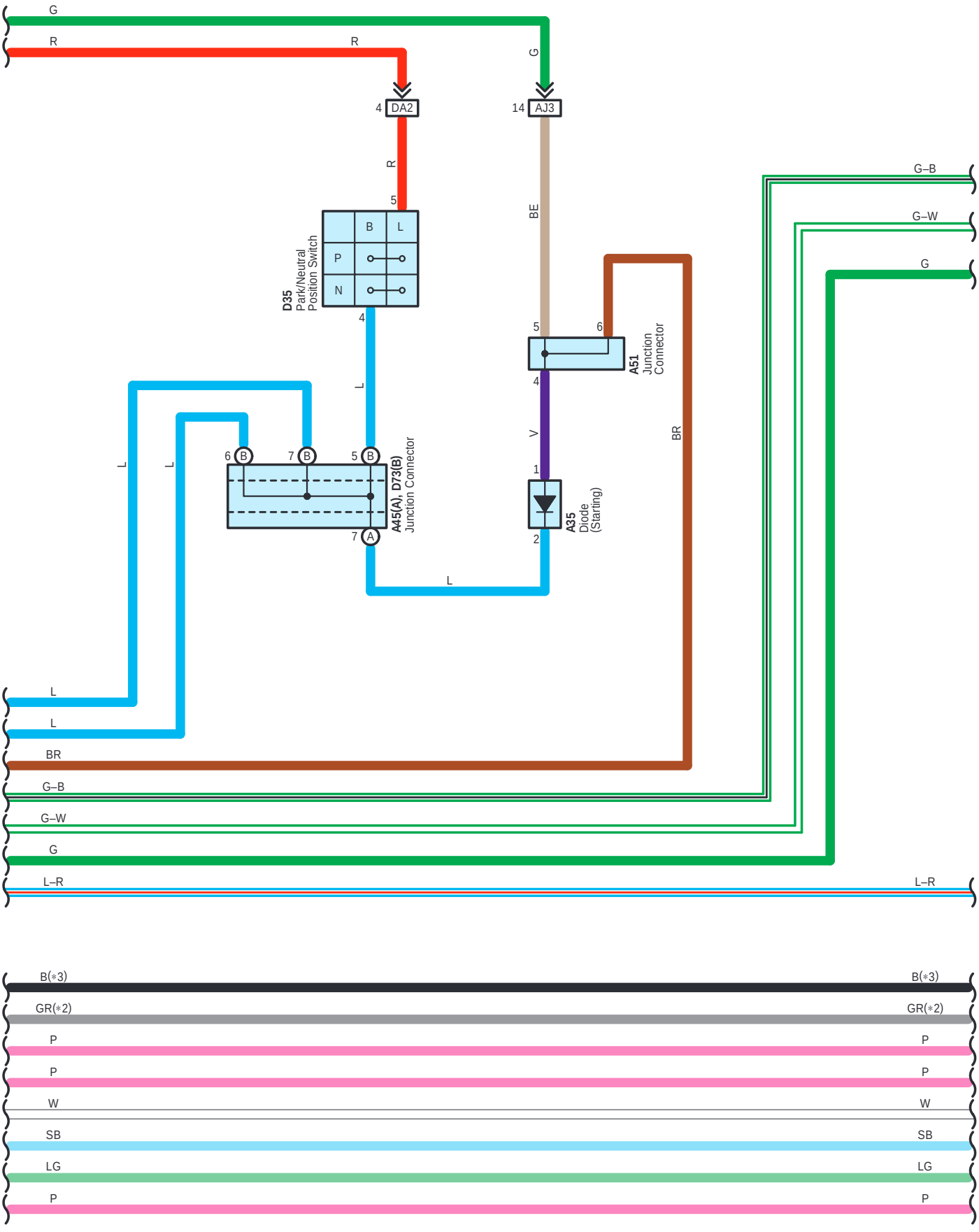

A24(A), D74(B)
Engine Control Module
SPD
CANL
CANH
13 A
11 A
10 A
B
W
GR
6 AJ4
9 AJ5
10 AJ5
P
W
GR
J75
Junction Connector
14
3
1
12
8
19
J74
Junction Connector
15
4
R
W
B
W
7 AJ9
8 AJ9
B
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
45
46
34
33
36
37
43
42
3
V
LG
BE
G
L
P
B
W
G
2 AJ9
Front
Speed Sensors
Rear
Speed Sensors
LG
LG
P

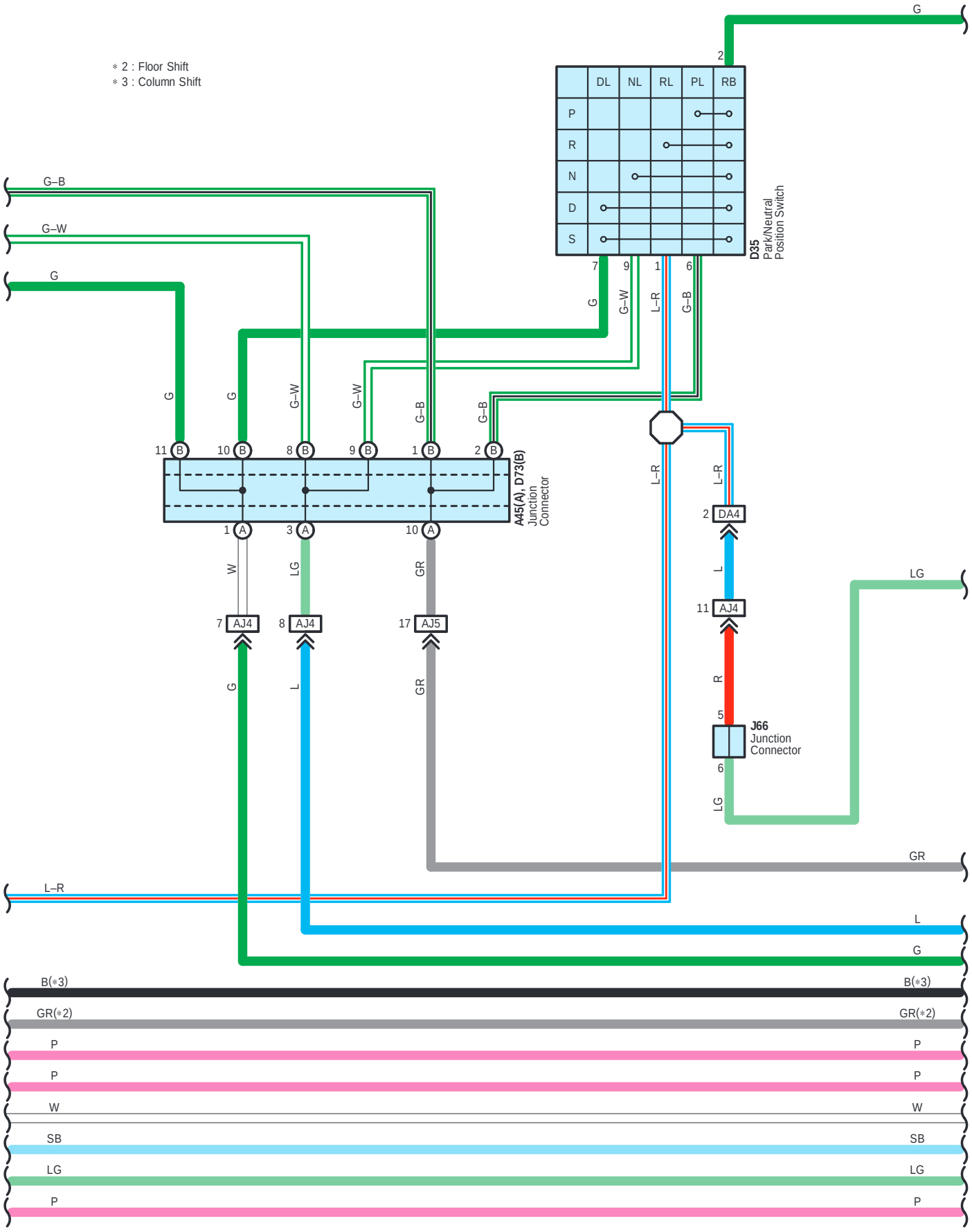
* 2 : Floor Shift
* 3 : Column Shift

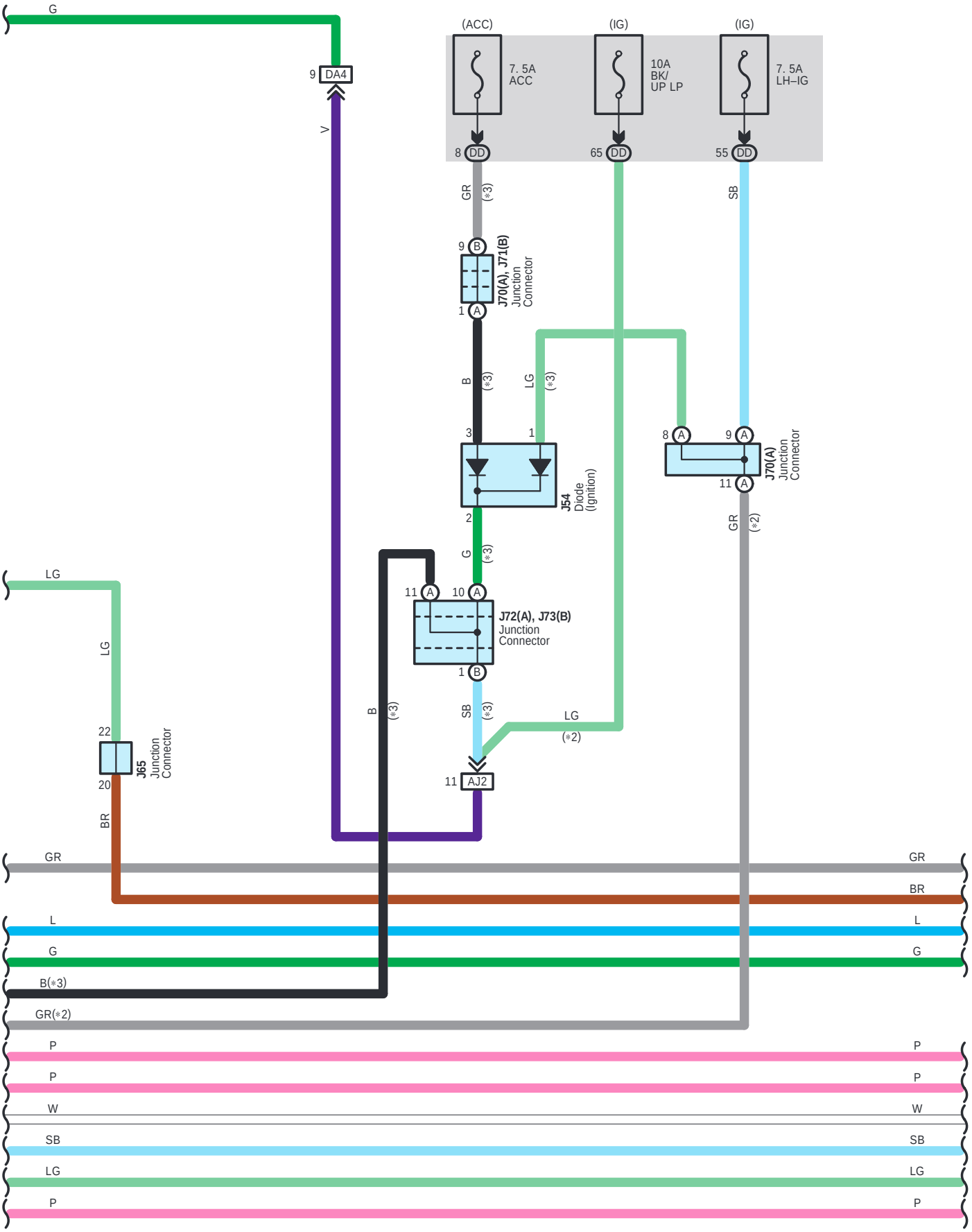


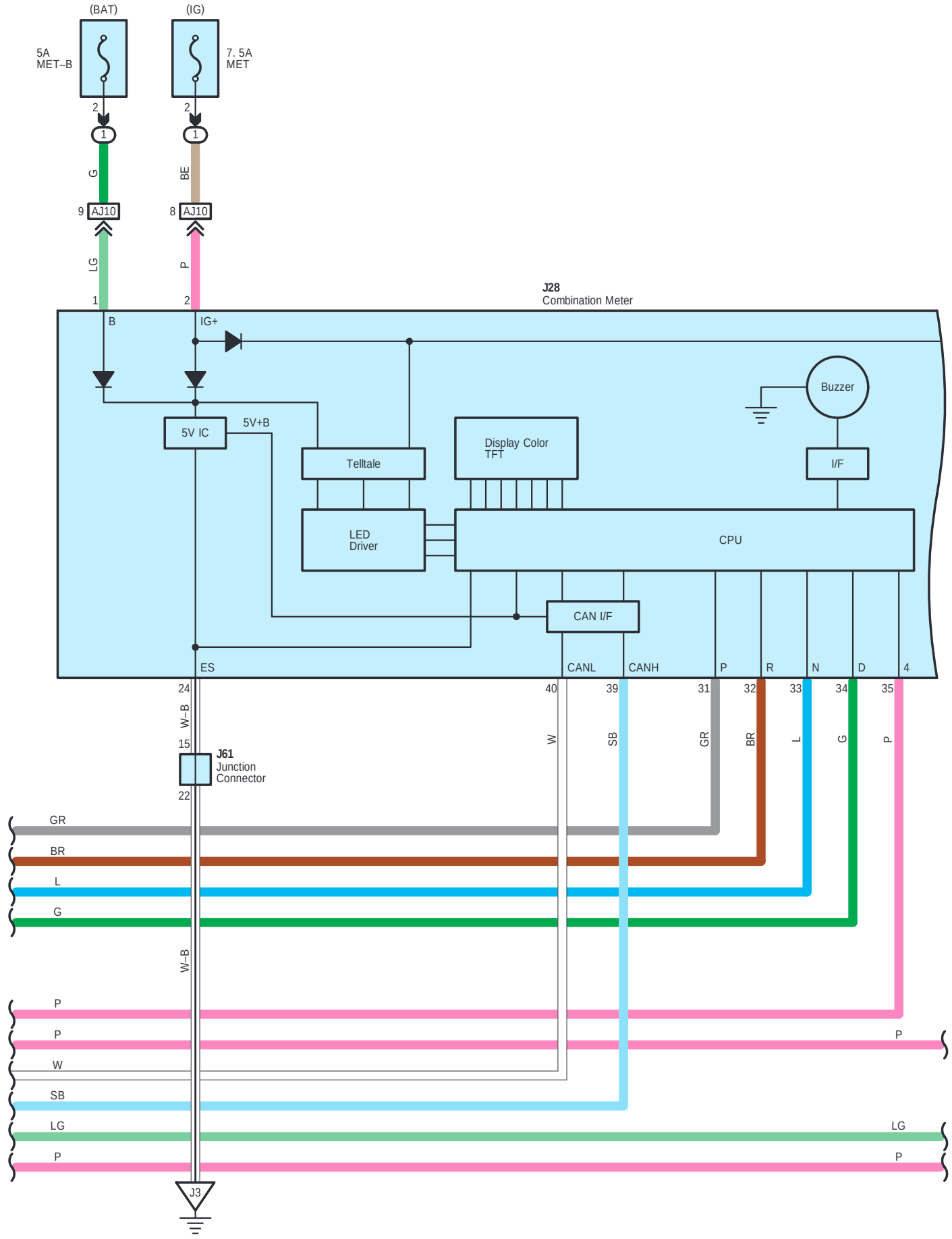

A24(A), D74(B)
Engine Control Module
W
PWR
SFTU
SFTD
S
24 A
51 A
38 A
27 A
25 A
L
G
BE
Y
P
19 AJ4
18 AJ4
17 AJ4
16 AJ5
BE
(*3)
Y
SB
V
BE
(*2)
2 A
1 A
(*2)
12 B
5 B
4 B
(*3)
4
P
SFTU
SFTD
1 A
J23
Tow/Haul Pattern
Select Switch
E
E
IG
S
J24(A), J25(B)
Transmission
Control Switch
J72(A), J73(B)
Junction
Connector
1
5 A
3 A
7 A
(*2)
11 B
10 B
9 B
11 B
6 B
13 B
(*3)
W–B
(*2)
W–B
(*3)
W–B
W
P
2
GR(*2)
B
(*3)
B(*3)
J60
Junction
Connector
GR(*2)
7
P
W–B
P
W
W
SB
SB
LG
LG
P
P
J1
J2

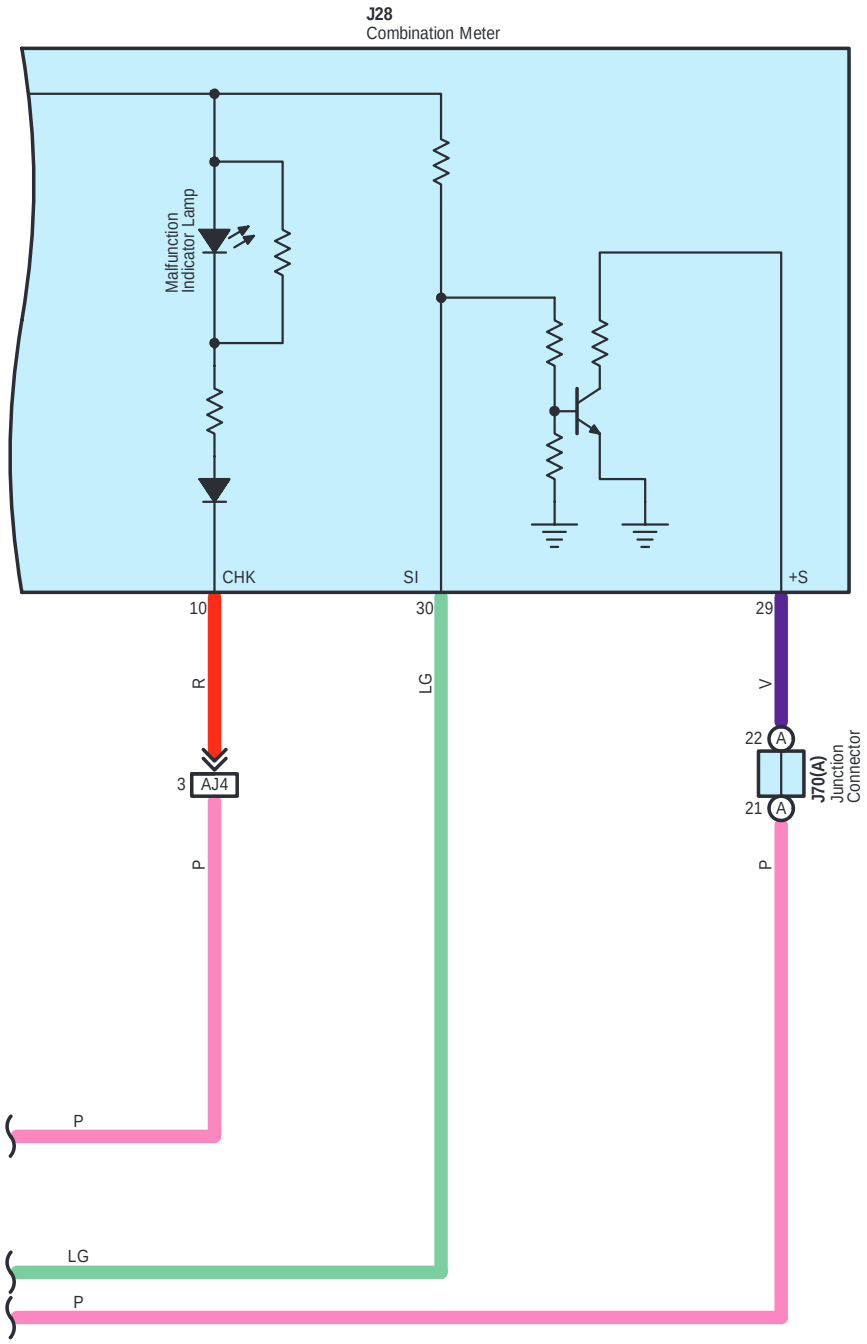

∗ 2 : Floor Shift
∗ 3 : Column Shift
(BAT)
7. 5A
AM2
2
1
Y
5
AJ9
L
5
AM2
IG2
ST2
7
G
J9
Ignition Switch
G
R
R
GR
1
1
5
1
ST Relay
3
2
1
1
V
W–B
10
A44
Junction Connector
5
W–B
R
A24(A), D74(B)
Engine Control Module
R
D
N
P
STSW
NSW
STAR
STA
26 B
27 B
25 B
2 B
14 A
120 B
16 B
46 A
L–R
G
G–W
G–B
BR
L
L
R
L
L
BR
G–B
G–W
G
L–R
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
A2


G
R
R
G
4 DA2
14 AJ3
R
BE
5
B
L
P
N
D35
Park/Neutral
Position Switch
4
L
G–B
G–W
G
5
6
A51
Junction
Connector
4
V
BR
1
2
A35
Diode
(Starting)
6 B
7 B
5 B
7 A
A45(A), D73(B)
Junction Connector
L
L
L
L
L
BR
G–B
G–W
G
L–R
L–R
B(*3)
GR(*2)
P
P
W
SB
LG
P
B(*3)
GR(*2)
P
P
W
SB
LG
P

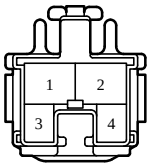

∗ 2 : Floor Shift
∗ 3 : Column Shift
G
2
DL NL RL PL RB
P
R
N
D
S
D35
Park/Neutral
Position Switch
7 9 1 6
G G–W L–R G–B
G–B
G–W
G
G G G–W G–W G–B G–B
11 B 10 B 8 B 9 B 1 B 2 B
A45(A), D73(B)
Junction
Connector
1 A 3 A 10 A
W LG GR
7 AJ4 8 AJ4 17 AJ5
G L GR
L–R
L–R
2 DA4
L
11 AJ4
R
5
J66
Junction
Connector
6
LG
LG
GR
L–R
L
G
B(∗3)
GR(∗2)
P
P
W
SB
LG
P
B(∗3)
GR(∗2)
P
P
W
SB
LG
P


G
9 DA4
V
(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*3)
SB
9 B
J70(A), J71(B)
Junction
Connector
1 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
G (*3)
8 A
9 A
J70(A)
Junction
Connector
11 A
GR (*2)
LG
11 A
10 A
J72(A), J73(B)
Junction
Connector
1 B
B (*3)
SB (*3)
LG
(*2)
LG
22
J65
Junction
Connector
20
BR
11 AJ2
GR
BR
L
G
B(*3)
GR(*2)
P
P
W
SB
LG
P

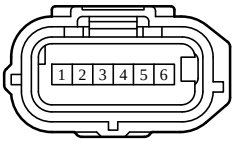

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display Color
TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
P
R
N
D
4
24
40
39
31
32
33
34
35
W–B
W
SB
GR
BR
L
G
P
15
J61
Junction
Connector
22
GR
BR
L
G
W–B
P
P
P
W
SB
LG
LG
P
P
J3


J28
Combination Meter
Malfunction Indicator Lamp
CHK
SI
+S
10
30
29
R
LG
V
3
AJ4
22
21
J70(A)
Junction Connector
P
P
P
LG
P

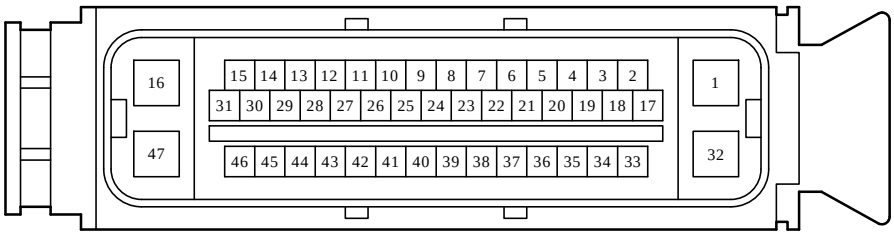
A 4
White



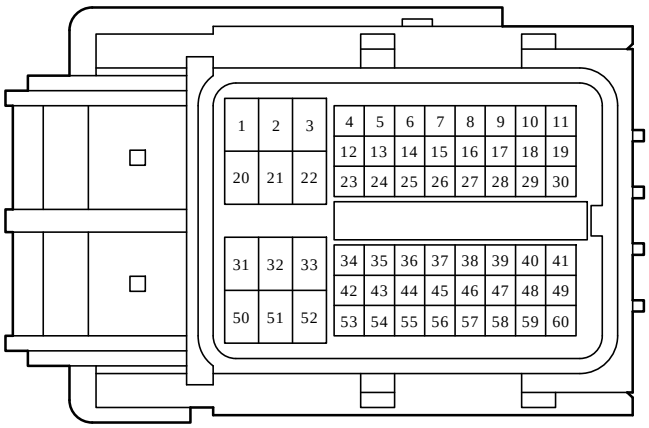
A 14
Black



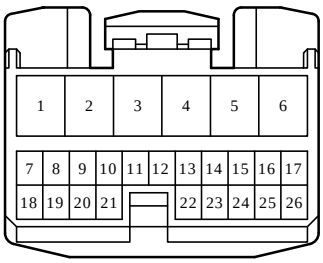
A 17
Black



A 24
Black



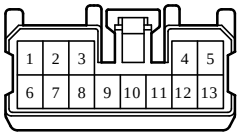
A 26
White



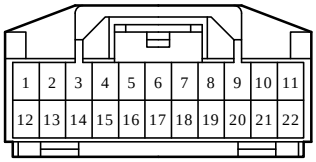
A 35
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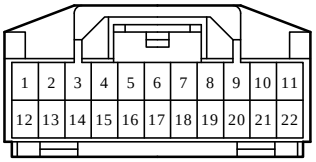
A 44
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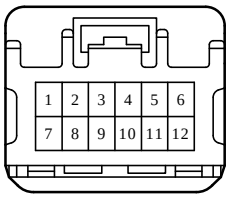
A 45
Blue



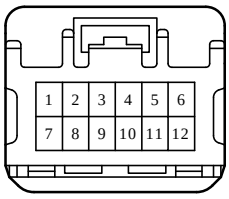
A 49
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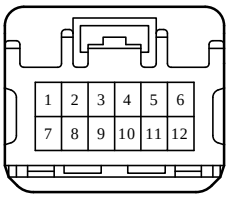
A 50
White



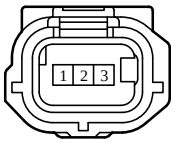
A 51
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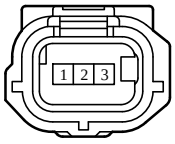
A 52
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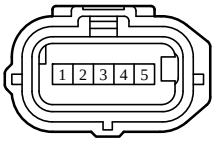
D 3
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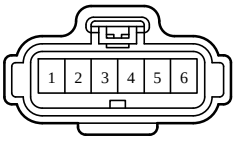
D 6
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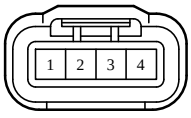
D 7
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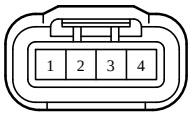
D 9
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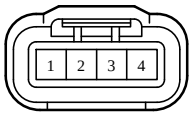
D 10
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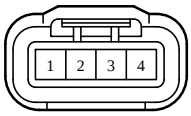
D 12
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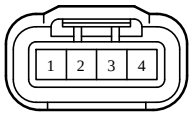
D 14
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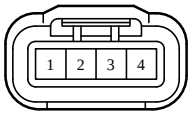
D 16
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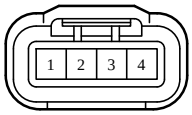
D 19
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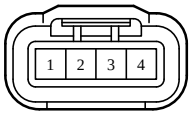
D 21
Black



D 23
Black



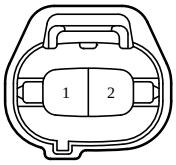
D 25
Black



D 28
Dark Gray



D 29
Black



D 31
Dark Gray



D 32
Dark Gray



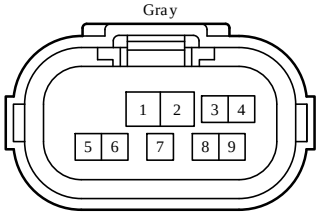
D 33
Dark Gray



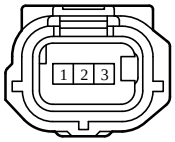
D 34
Dark Gray



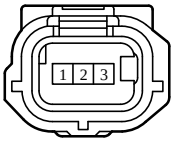
D 35
Gray



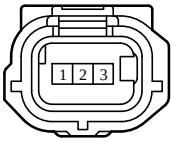
D 37
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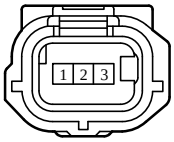
D 39
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D 40
Black



D 41
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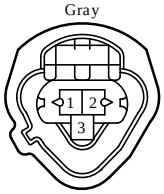
D 44
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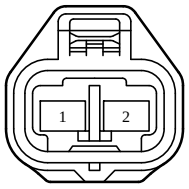
D 45
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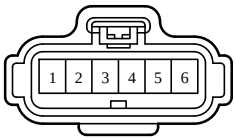
D 46
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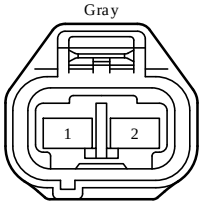
D 48
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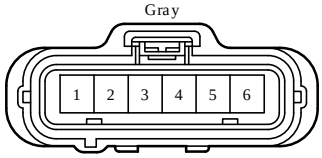
D 50
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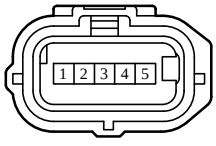
D 52
Gray



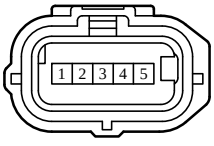
D 54
Gray



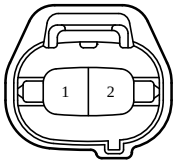
D 58
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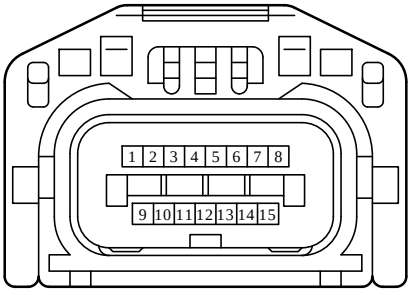
D 59
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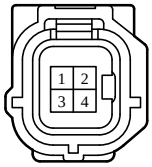
D 62
Black



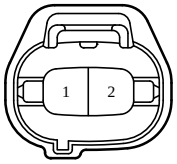
D 63
Gray



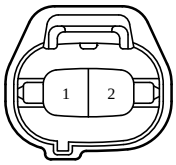
D 64
Gray



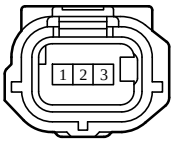
D 65
Black



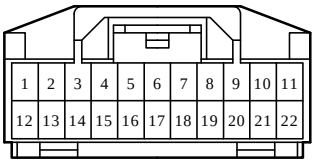
D 66
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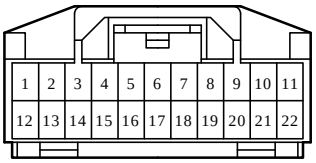
D 70
Black



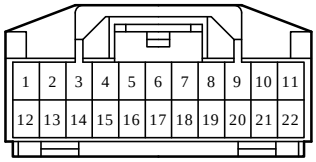
D 71
White



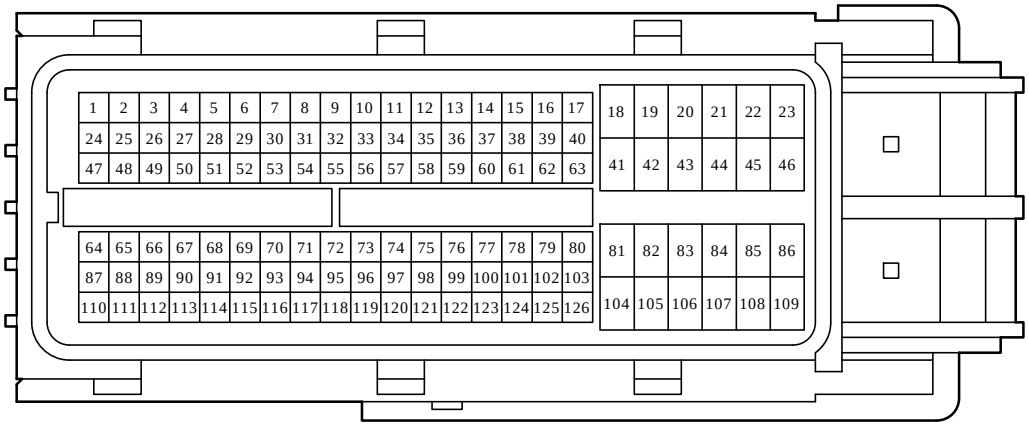
D 72
White



D 73
Blue



D 74
Black



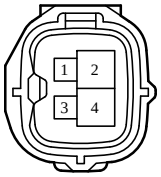
D 75
Black



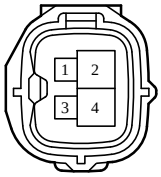
D 76
Black



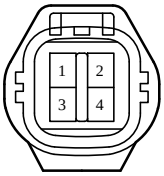
D 89
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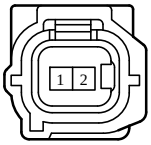
D 90
Black



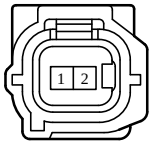
E 9
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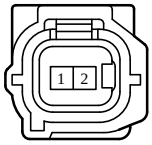
F 1
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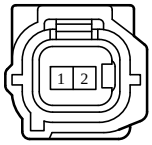
F 2
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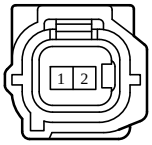
F 3
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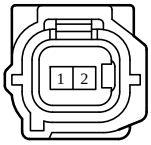
F 4
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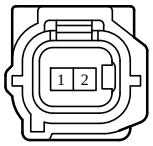
H 1
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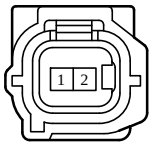
H 2
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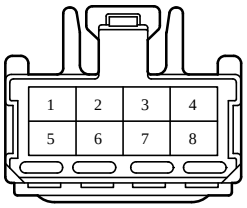
H 3
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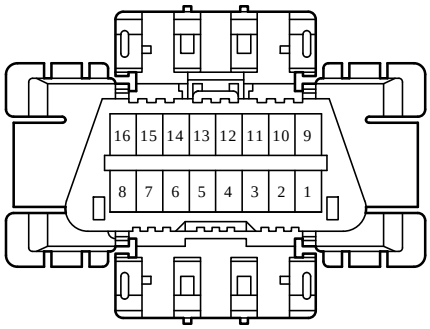
H 4
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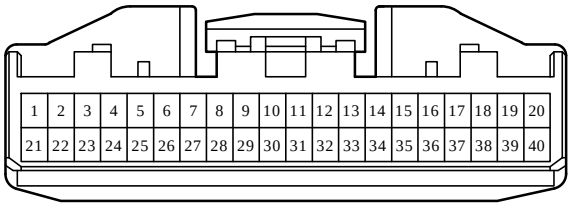
J 9
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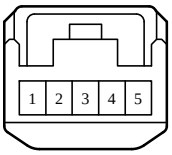
J 17
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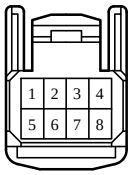
J 19
White



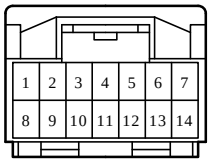
J 23
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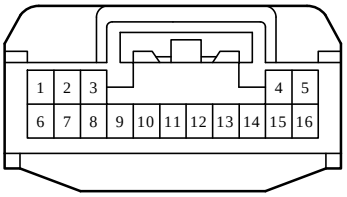
J 24
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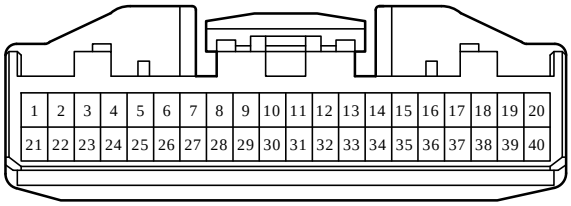
J 25
White



J 26
White



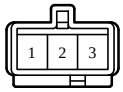
J 28
Black



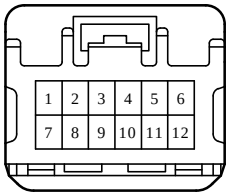
J 45
Black



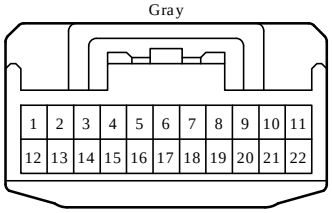
J 54
Orange



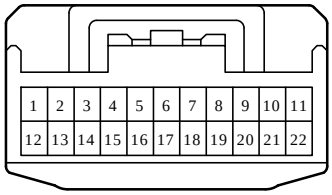
J 60
White



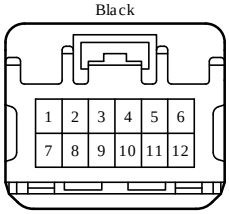
J 61
Gray



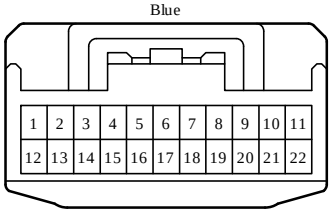
J 65
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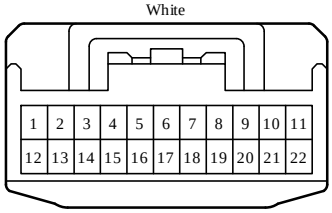
J 66
Black



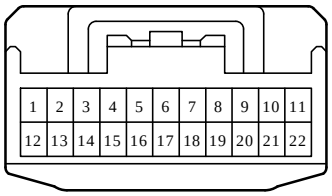
J 70
Blue



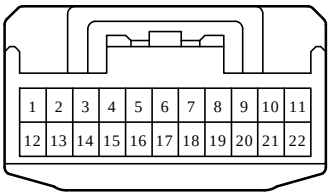
J 71
White



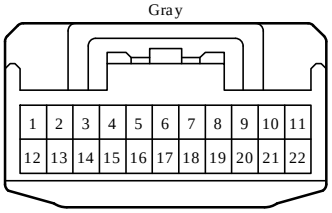
J 72
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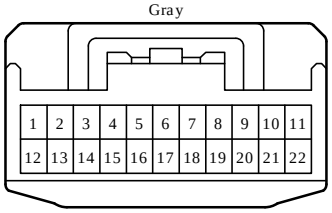
J 73
Black



J 74
Gray



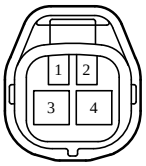
J 75
Gray



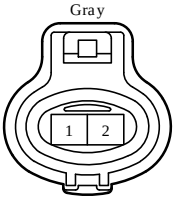
R 6
White



R 7
Black



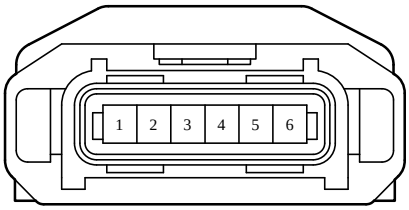
R 8
Gray



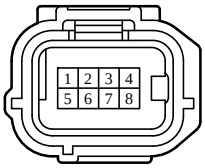
R 9
Dark Gray



R 11
Black



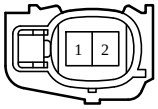
R 12
Black



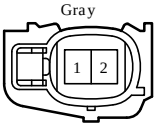
R 19
White



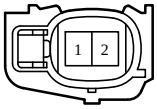
a 3
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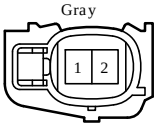
a 4
Gray



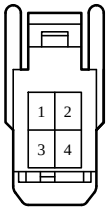
a 5
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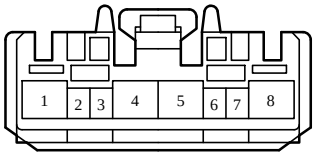
a 6
Gray



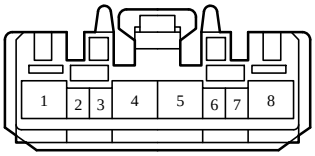
z 2
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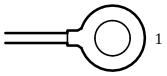
1A
White



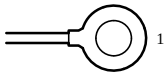
1B
White



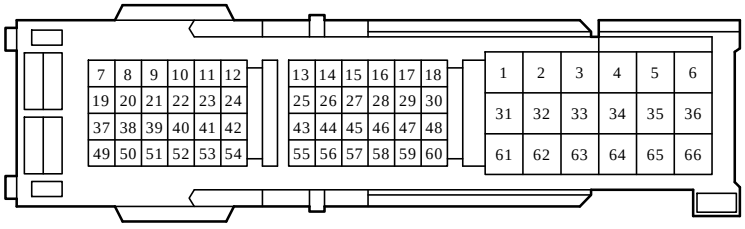
1G



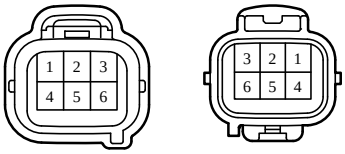
1H



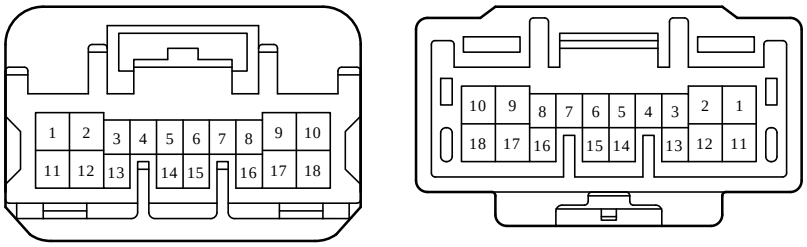
DD
White



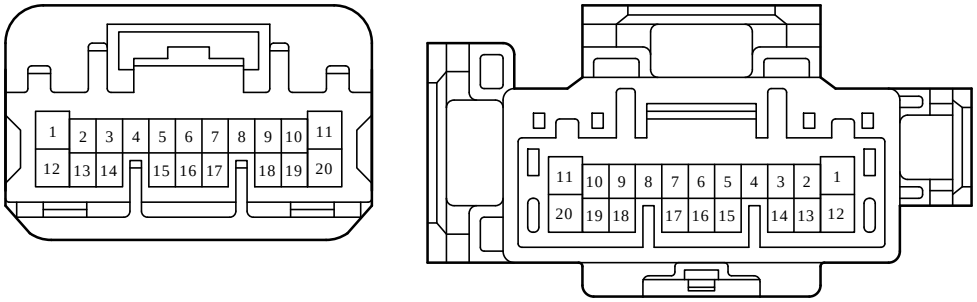
AE1
Gray



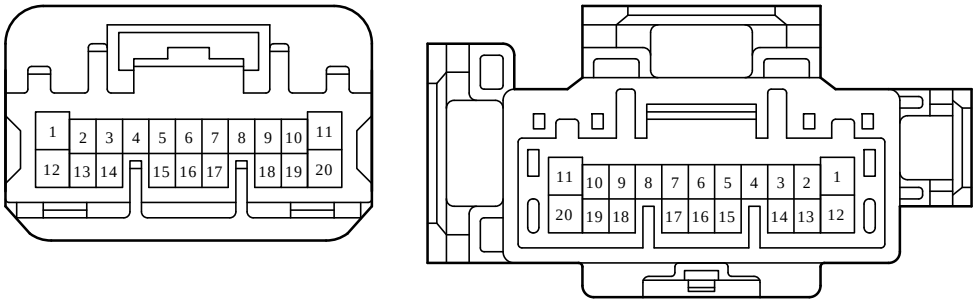
AJ2
Gray



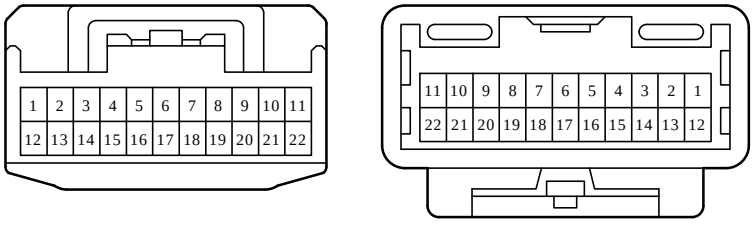
AJ3
White



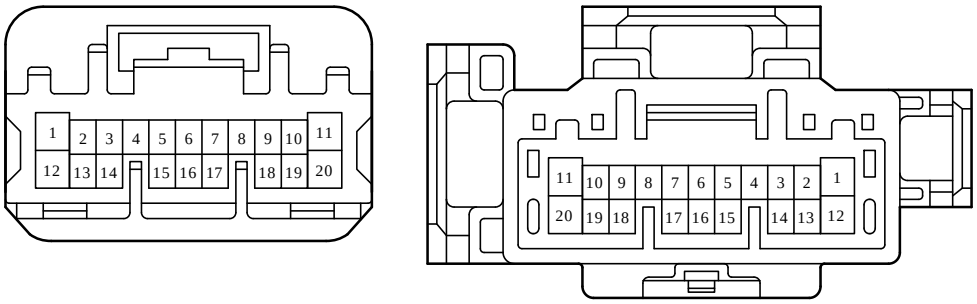
AJ4
White



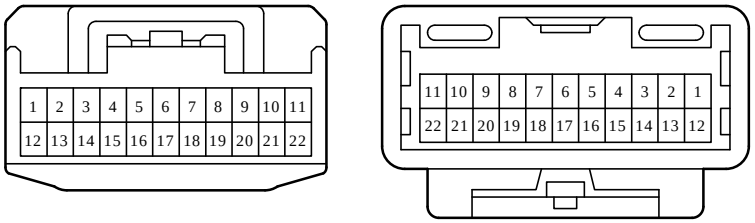
AJ5
Gray



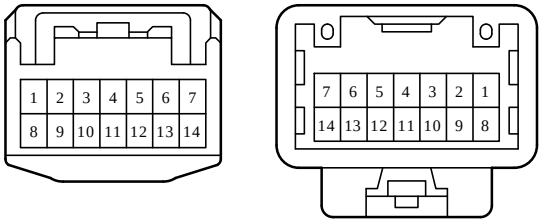
AJ9
White



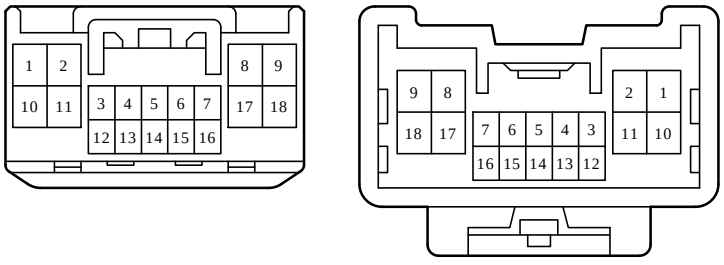
AJ10
Gray



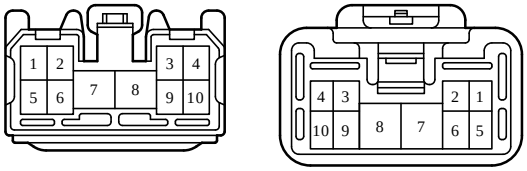
DA1
Black



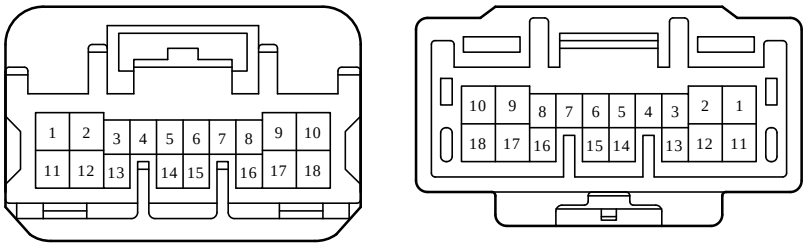
DA2
White



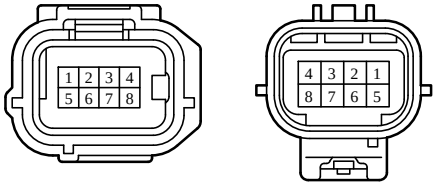
DA3
White



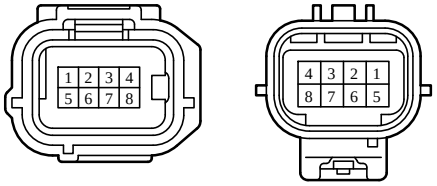
DA4
Gray



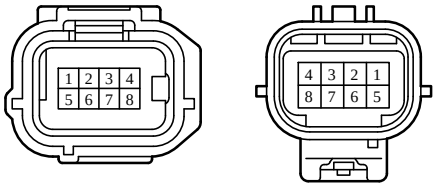
DF1
Gray



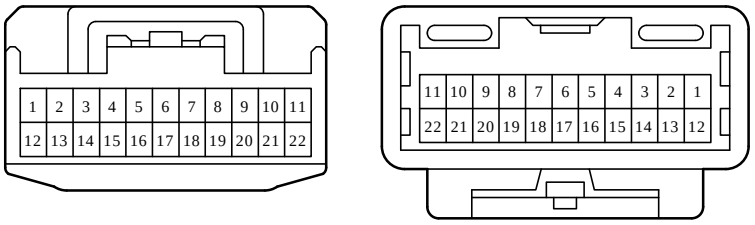
DH1
Gray



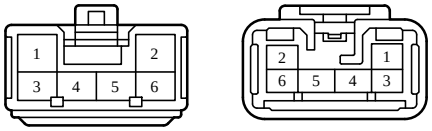
Da1
Gray



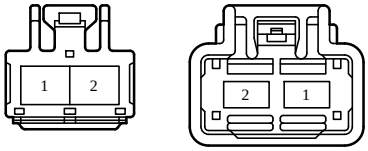
RA1
Black

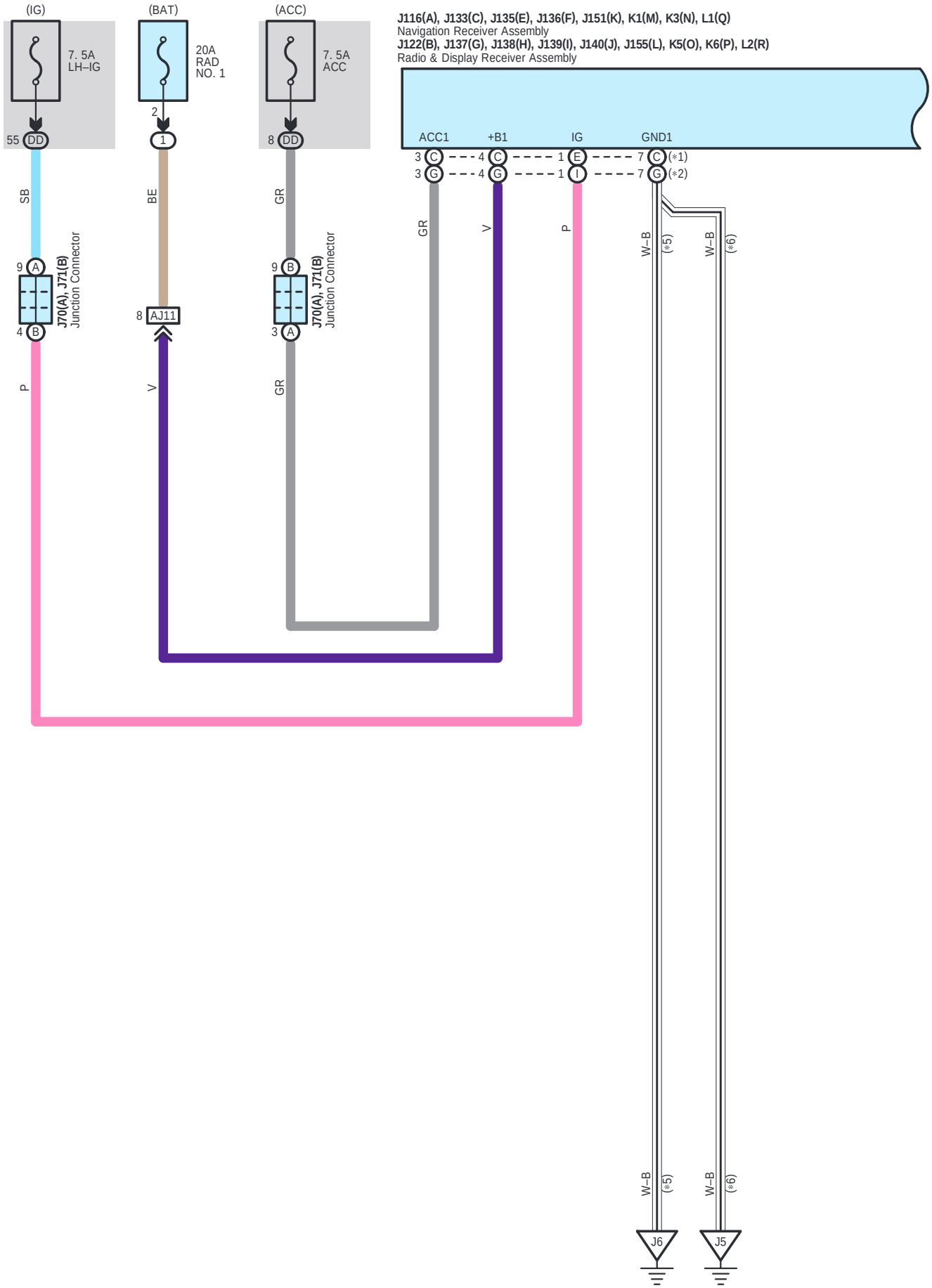


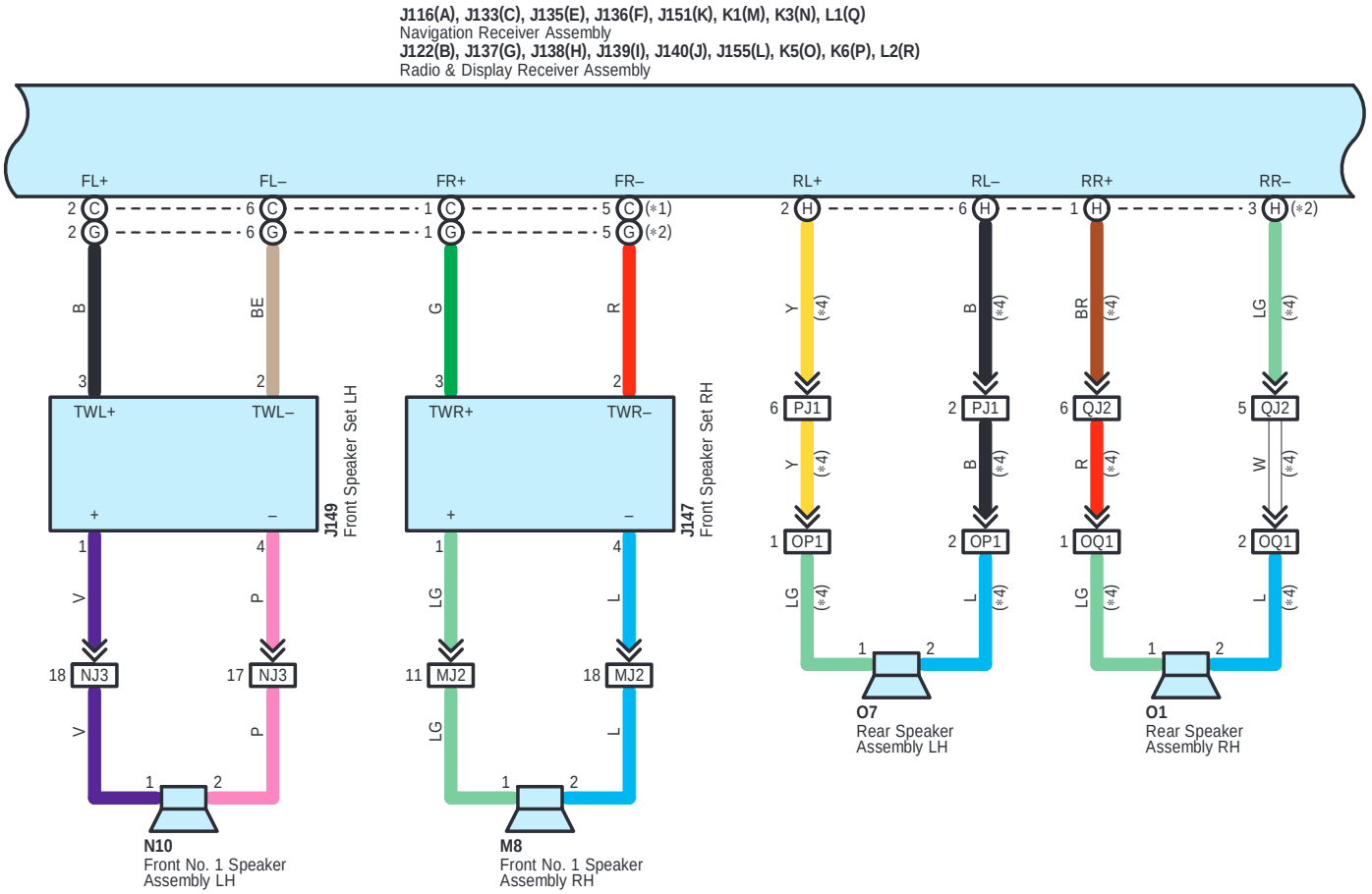
RA2
White



RA4
White

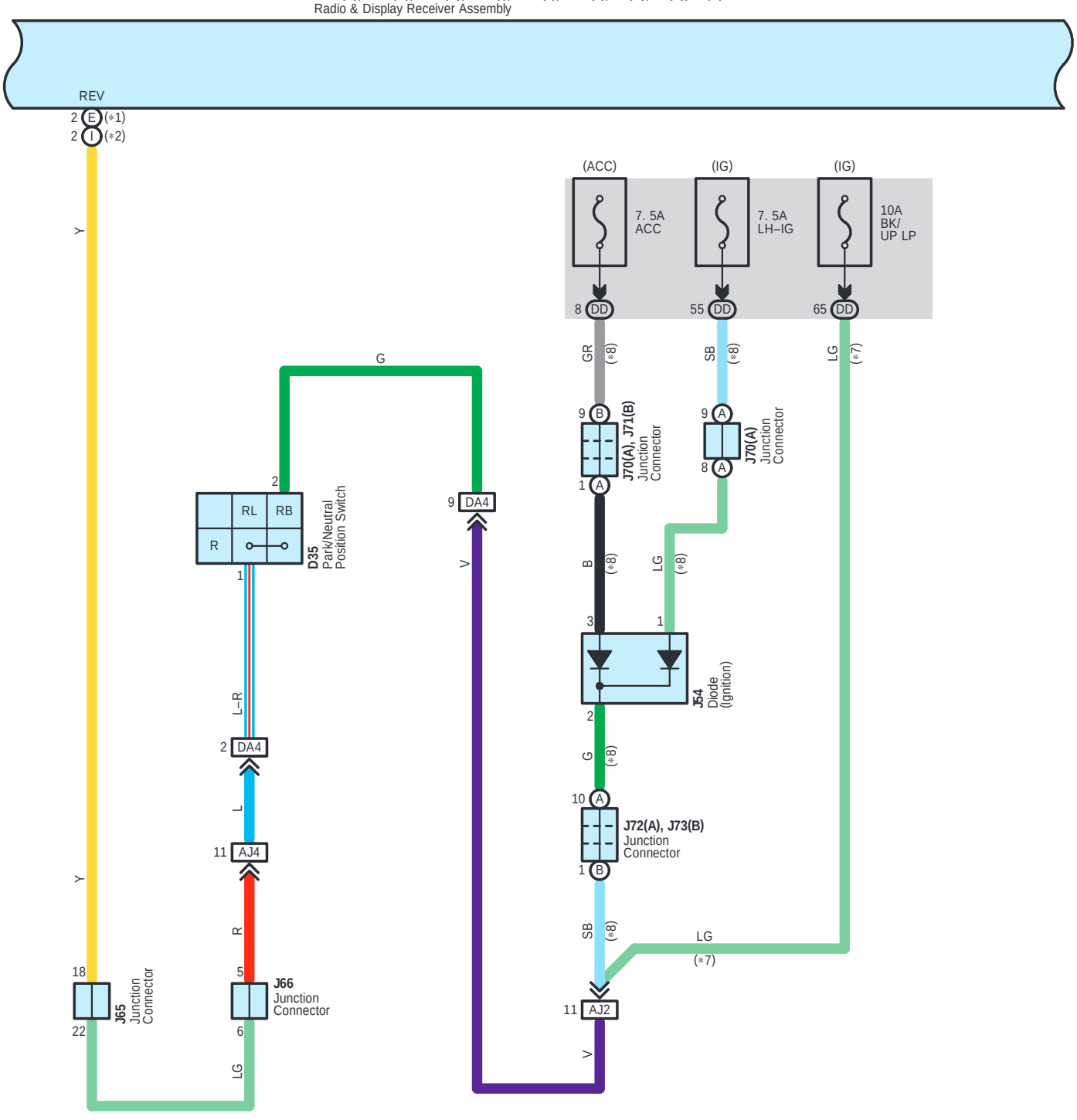


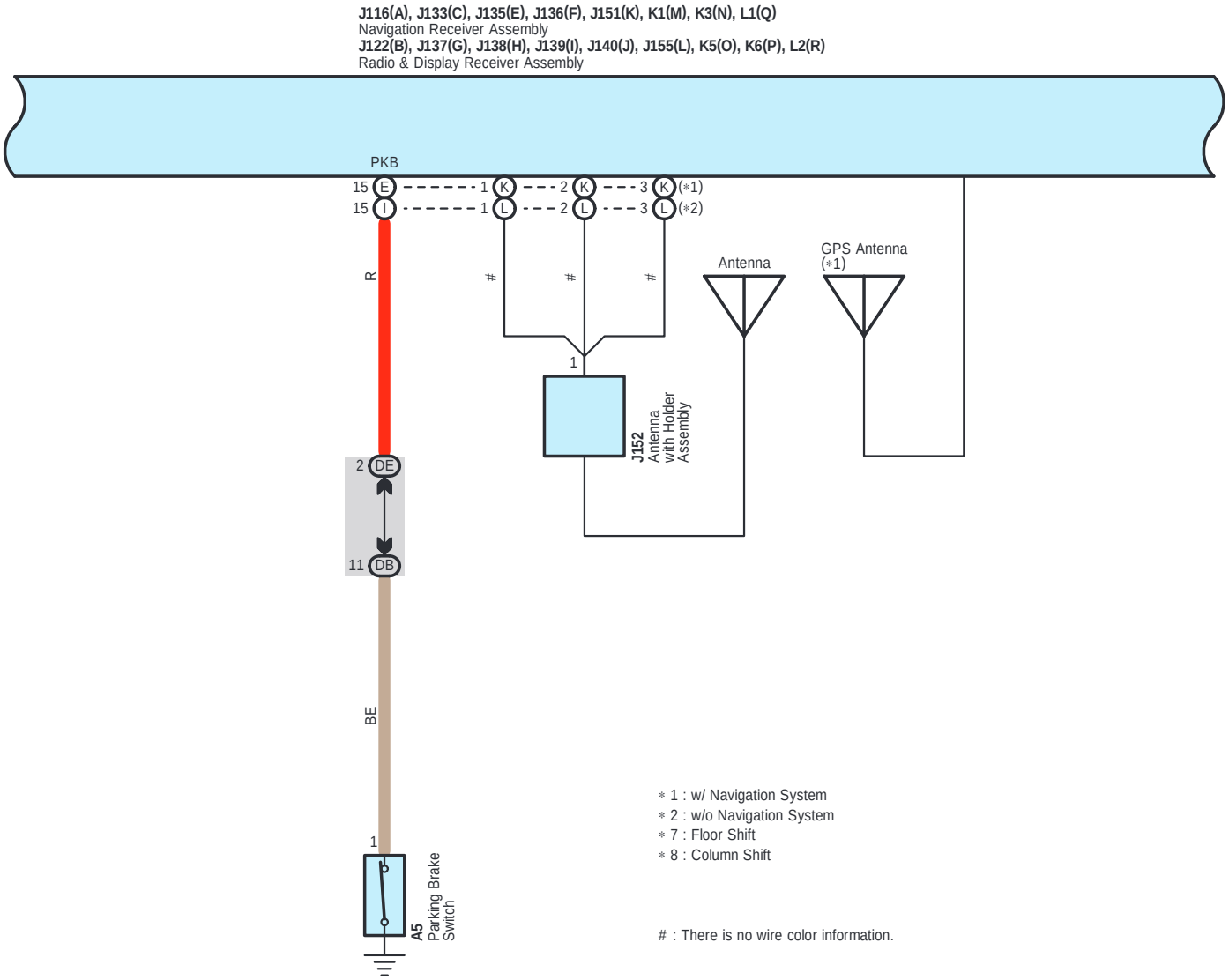

(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
(BAT)
20A
RAD
NO. 1
2
1
BE
8 AJ11
V
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction Connector
3 A
GR
J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
ACC1
+B1
IG
GND1
3 C
3 G
4 C
4 G
1 E
1 I
7 C
7 G
(*1)
(*2)
GR
V
P
W–B
(*5)
W–B
(*6)
W–B
(*5)
W–B
(*6)
J6
J5



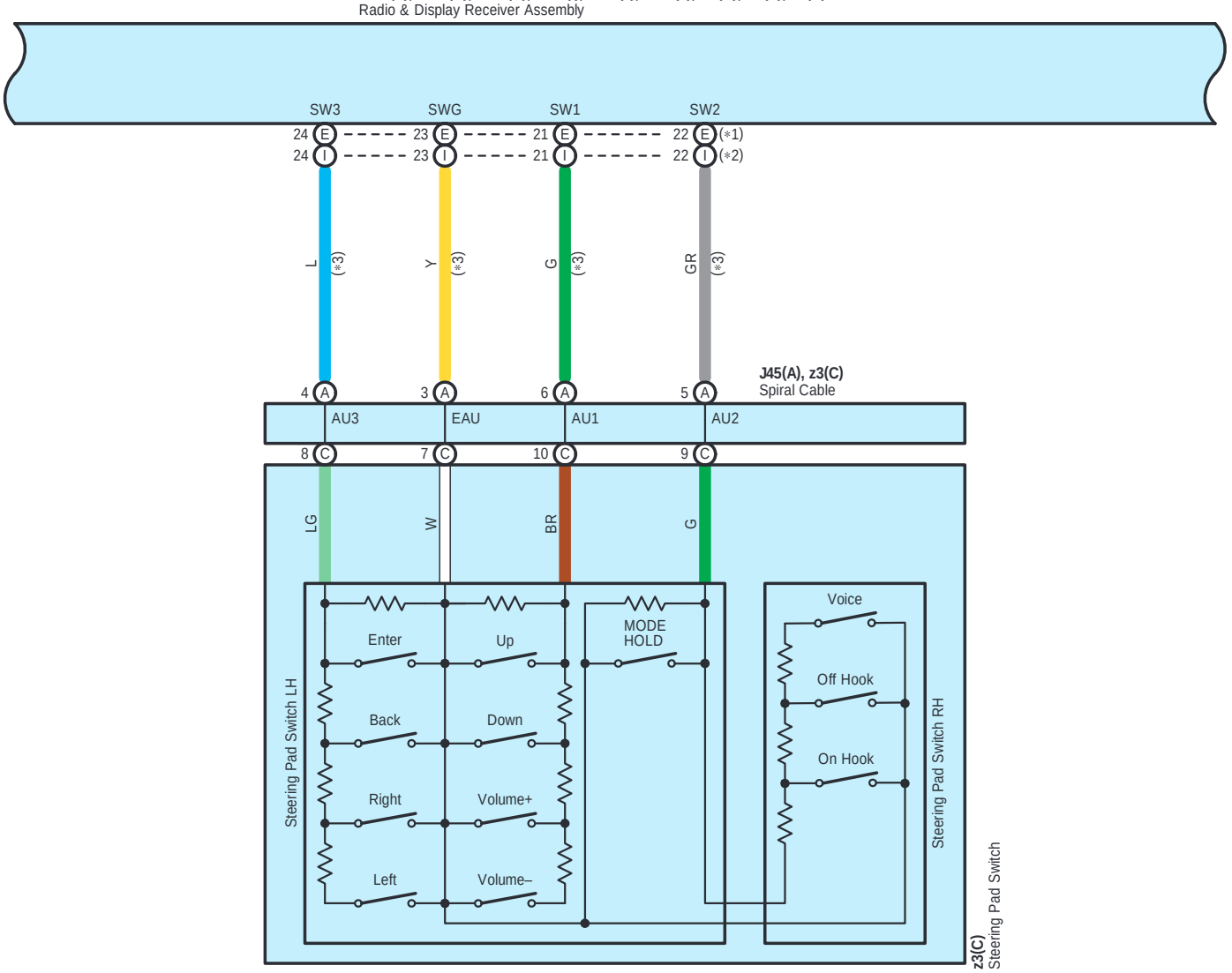
∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 4 : w/ Rear Door Speaker
∗ 5 : w/ SDARS
∗ 6 : w/o SDARS

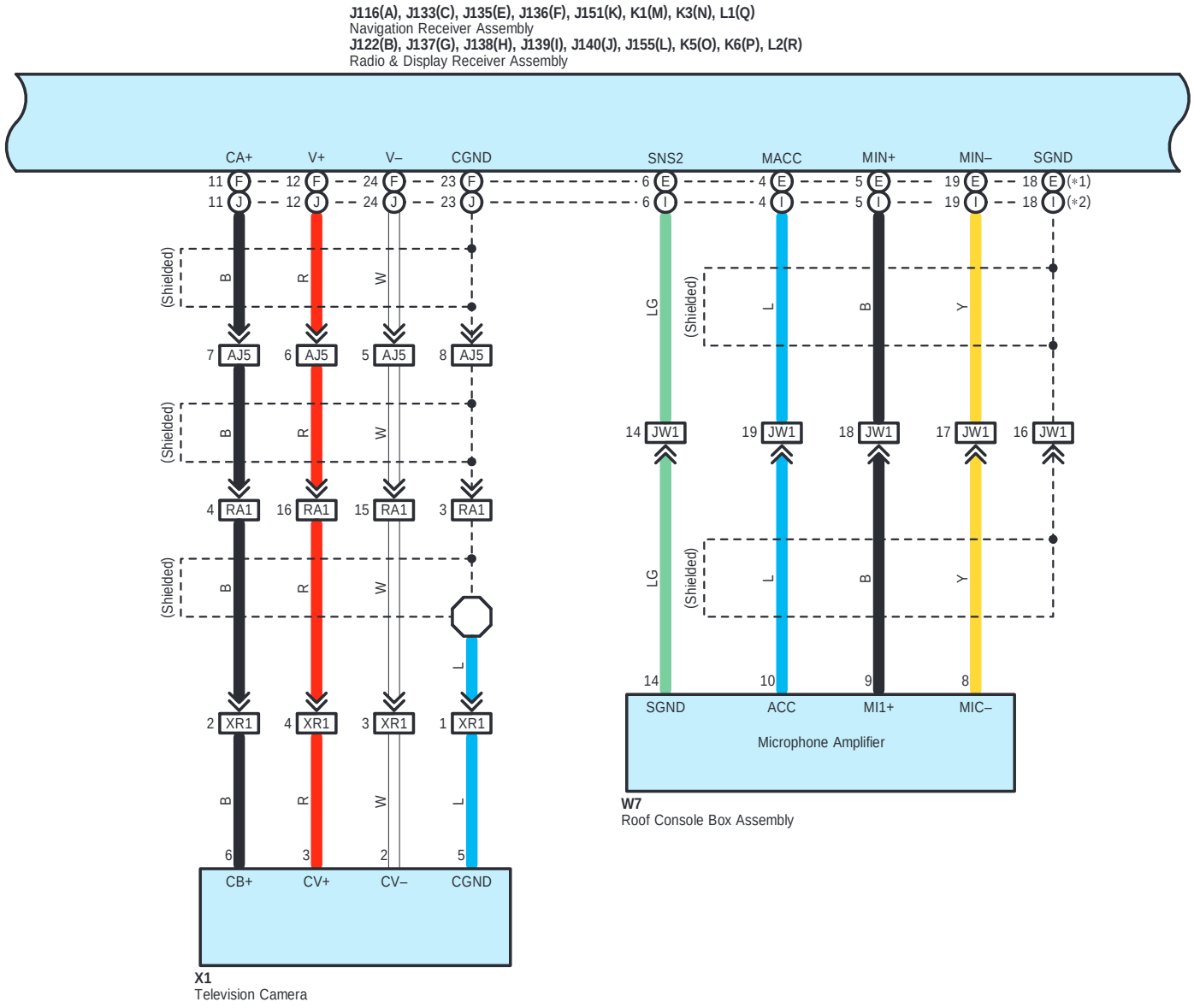
J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly



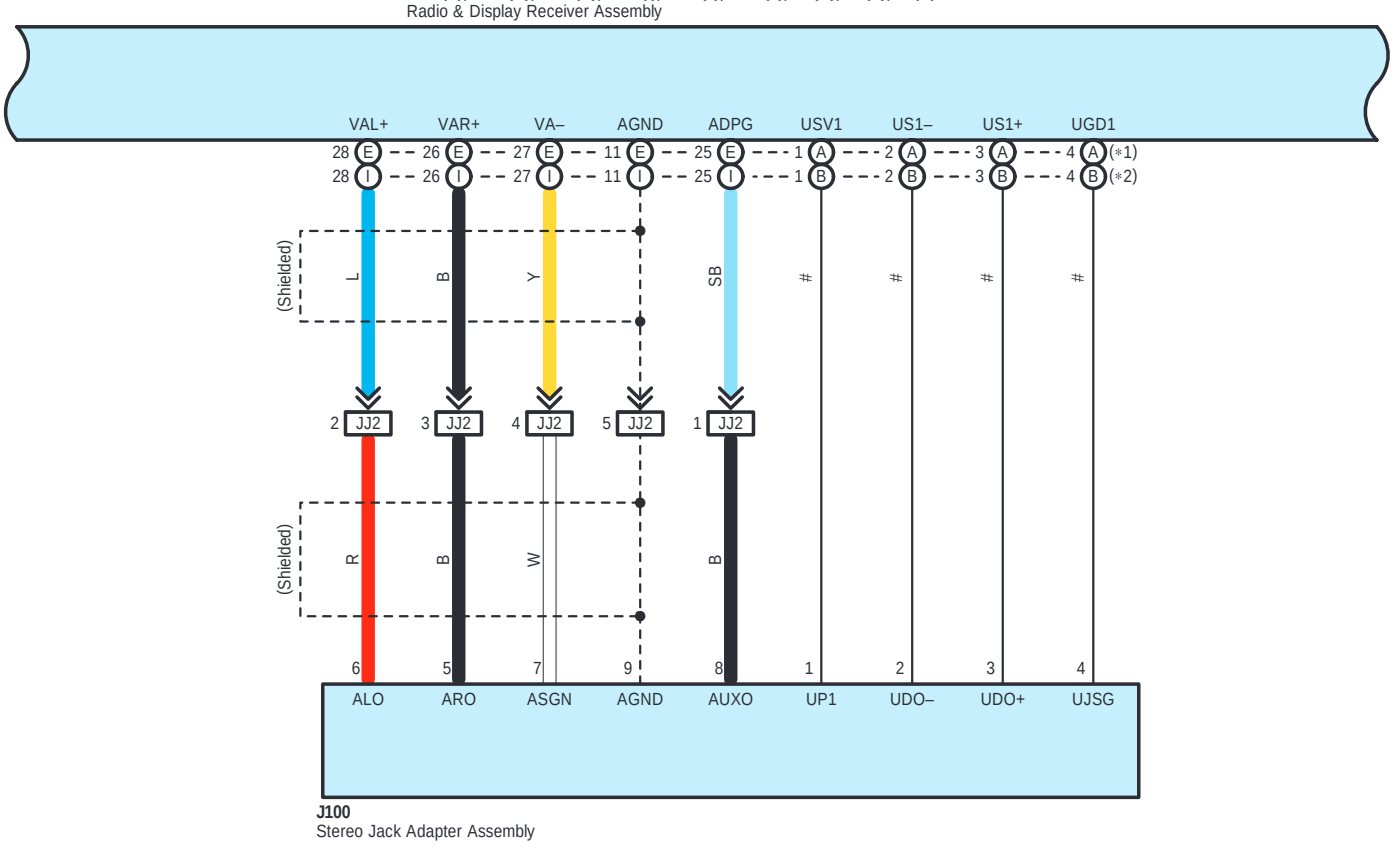

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
PKB
15 E
15 I
1 K
1 L
2 K
2 L
3 K (*1)
3 L (*2)
R
#
#
#
Antenna
GPS Antenna (*1)
1
J152 Antenna with Holder Assembly
2 DE
11 DB
BE
1
A5 Parking Brake Switch
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 7 : Floor Shift
* 8 : Column Shift
# : There is no wire color information.

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

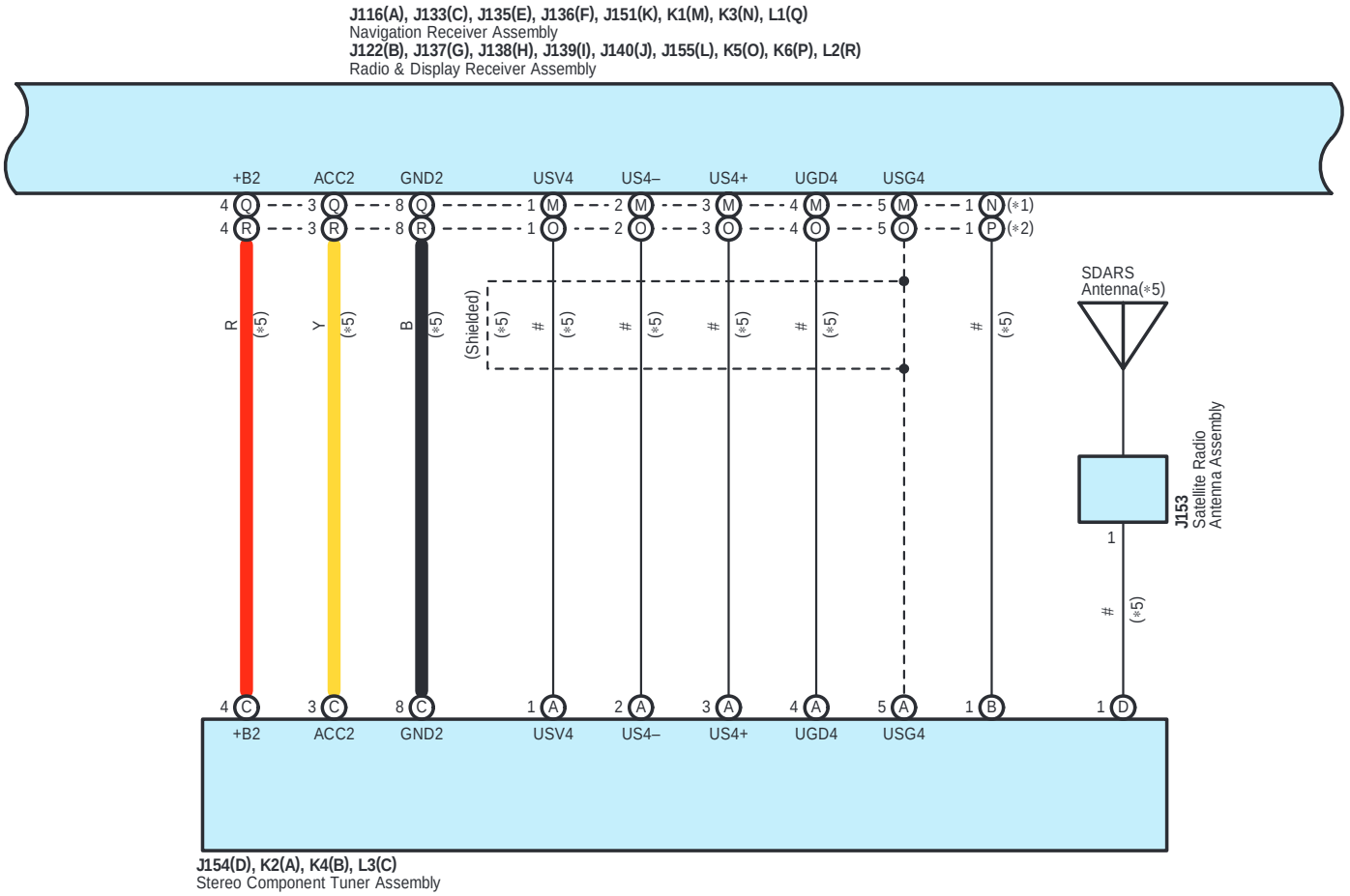



J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
CA+
V+
V–
CGND
SNS2
MACC
MIN+
MIN–
SGND
(*1)
(*2)
(Shielded)
AJ5
RA1
JW1
XR1
CB+
CV+
CV–
SGND
ACC
MI1+
MIC–
Microphone Amplifier
X1
Television Camera
W7
Roof Console Box Assembly
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 3 : w/ Steering Pad Switch

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

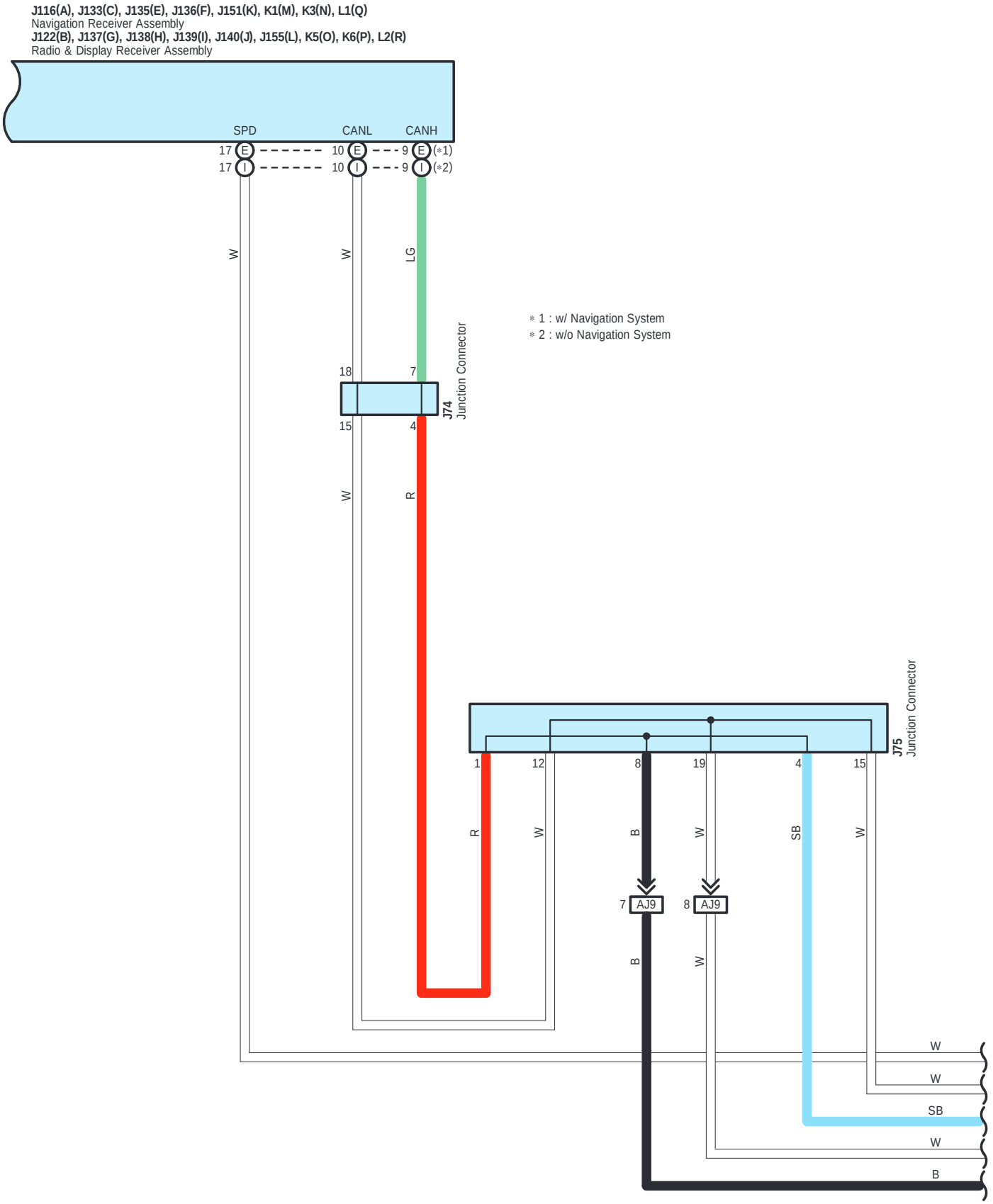


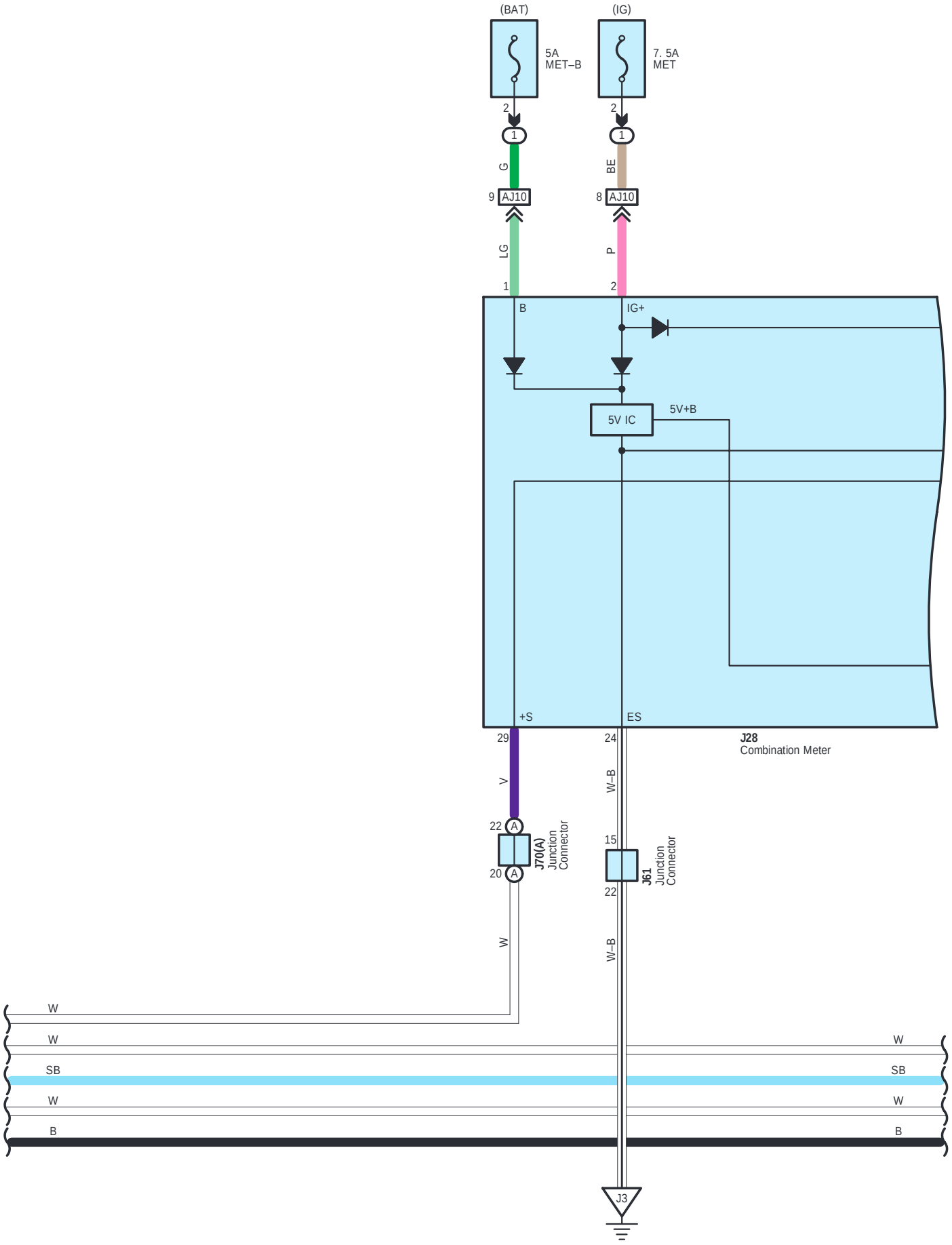
J100
Stereo Jack Adapter Assembly

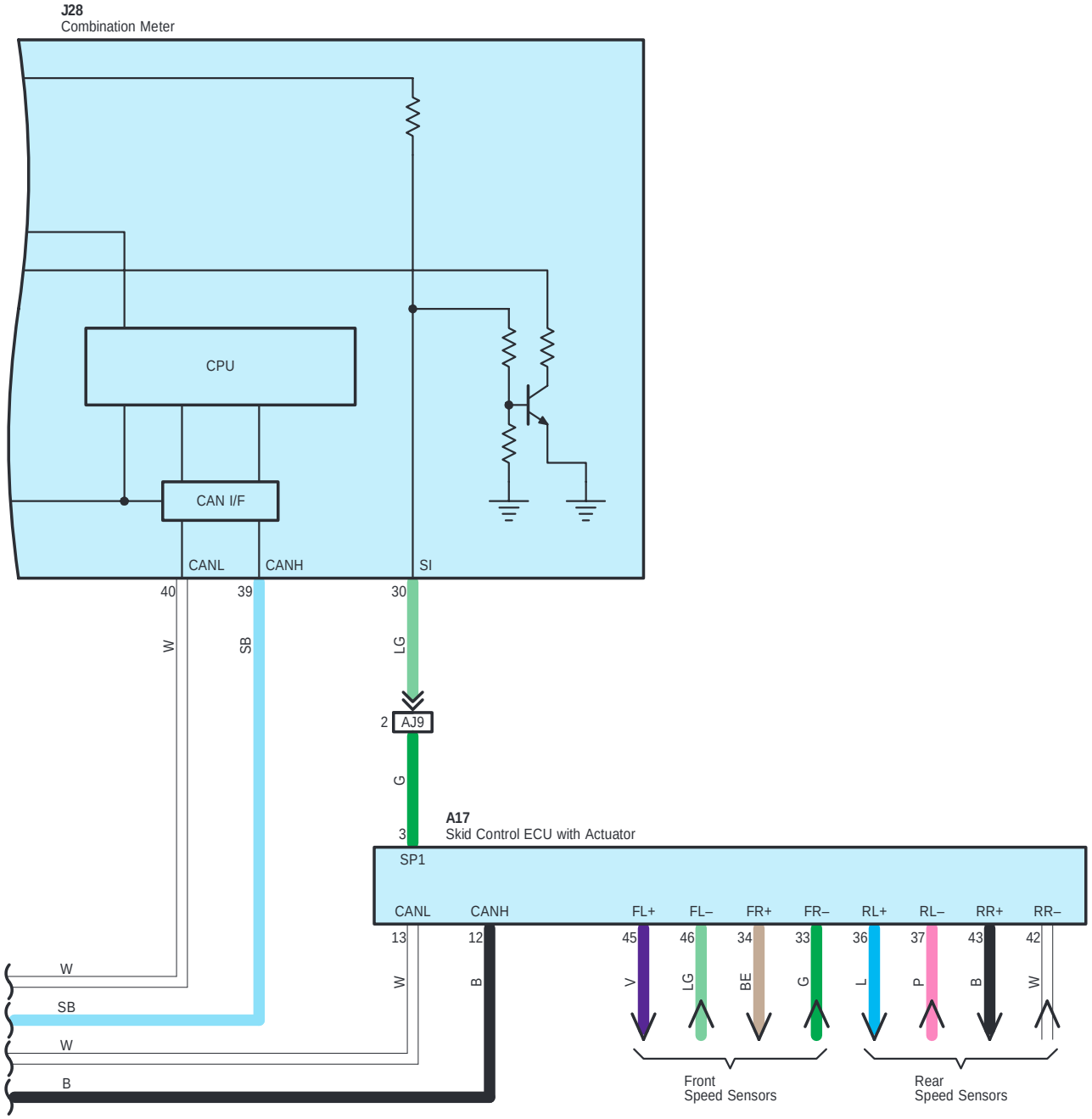


∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 5 : w/ SDARS

: There is no wire color information.


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
J74
Junction Connector
15
4
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

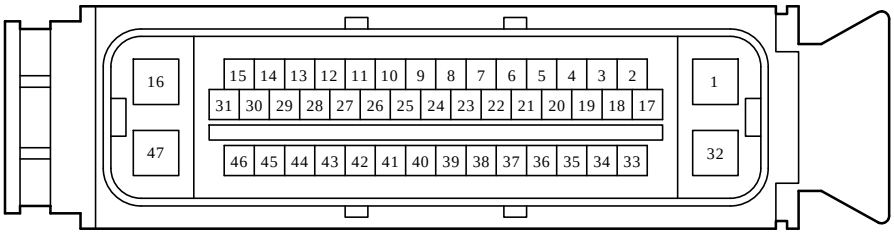

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

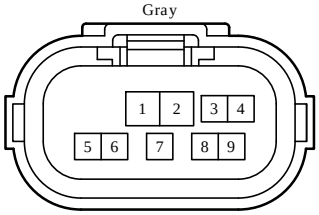
A 5
White



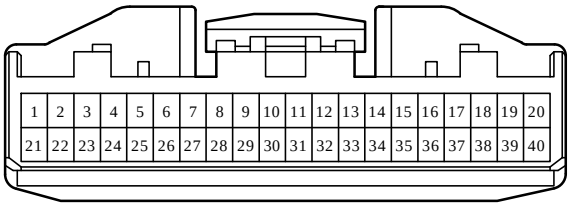
A 17
Black



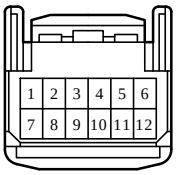
D 35
Gray



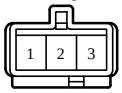
J 28
Black



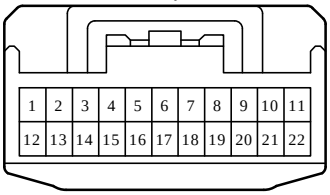
J 45
Black



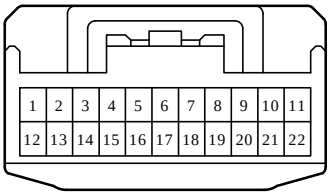
J 54
Orange



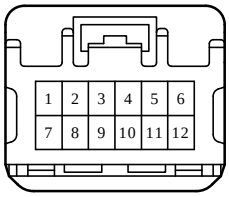
J 61
Gray



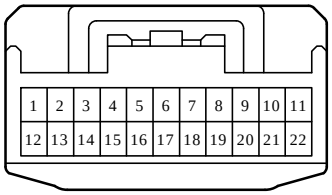
J 65
White



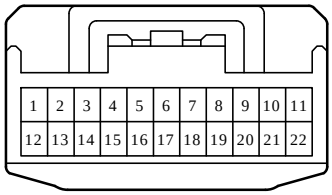
J 66
Black



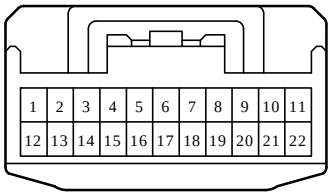
J 70
Blue



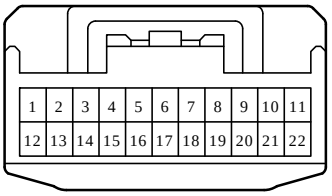
J 71
White



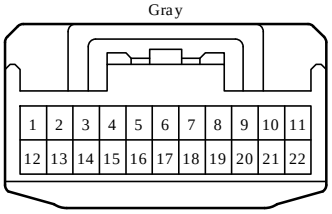
J 72
Black



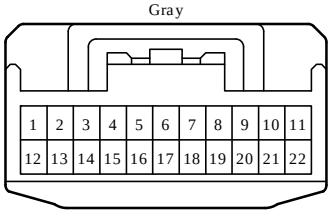
J 73
Black



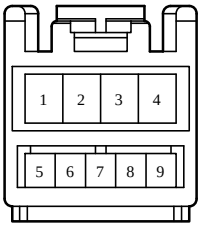
J 74
Gray



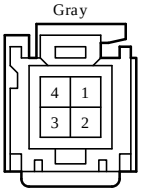
J 75
Gray



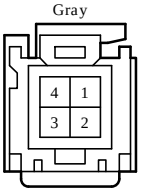
J100
Black



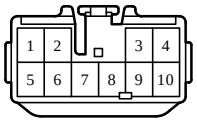
J116
Gray



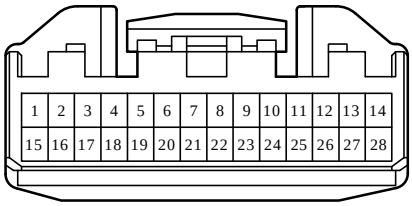
J122
Gray



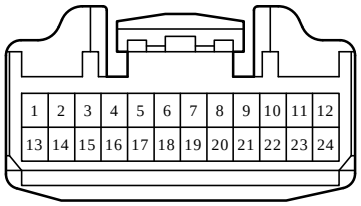
J133
White



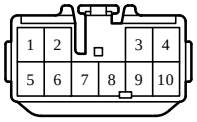
J135
White



J136
White



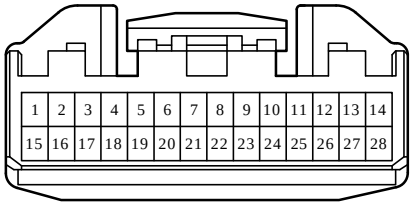
J137
White



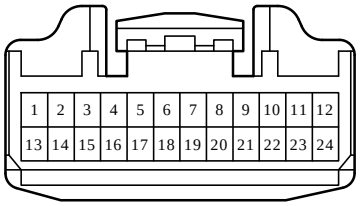
J138
White



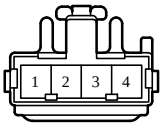
J139
White



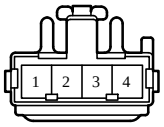
J140
White



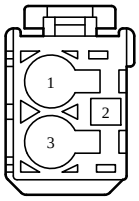
J147
Black



J149
Black



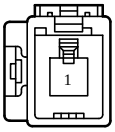
J151
White



J152
Gray



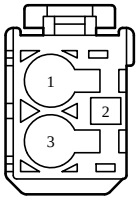
J153
Blue



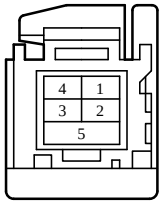
J154
Black



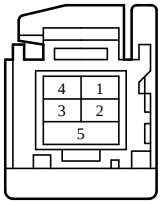
J155
White



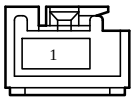
K 1
Brown



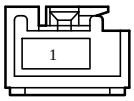
K 2
Brown



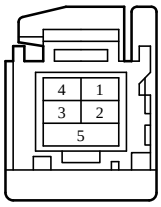
K 3
White



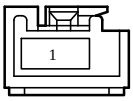
K 4
White



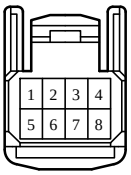
K 5
Brown



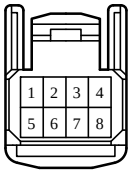
K 6
White



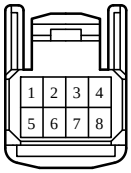
L 1
White



L 2
White



L 3
White



M 8
White



N 10
White



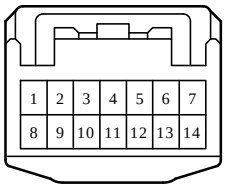
O 1
White



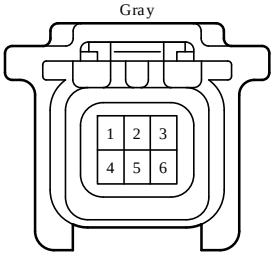
O 7
White



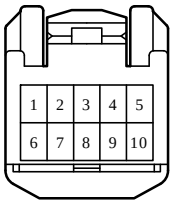
W 7
White



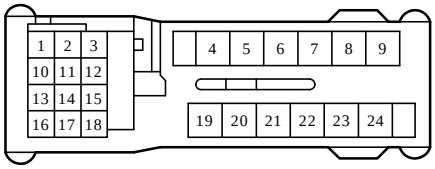
X 1
Gray



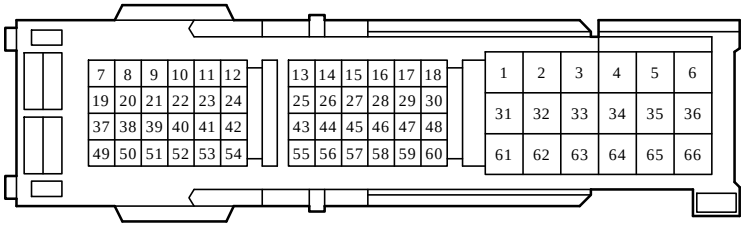
z 3
White



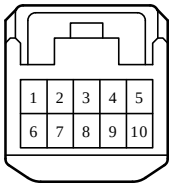
DB
White



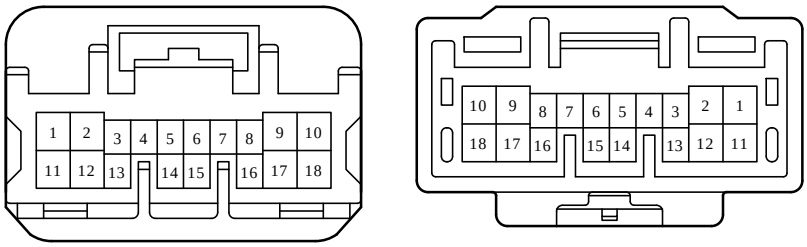
DD
White



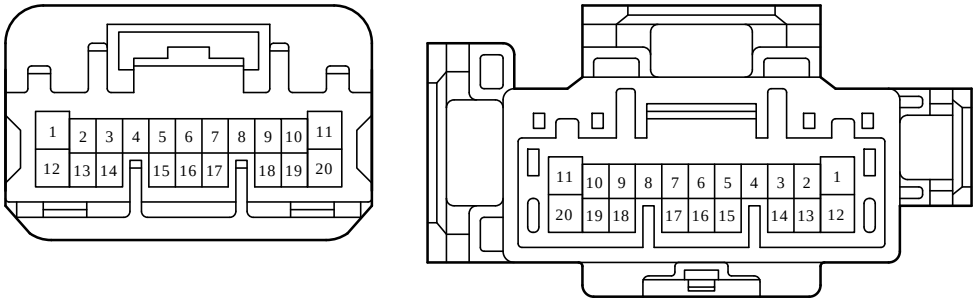
DE
White



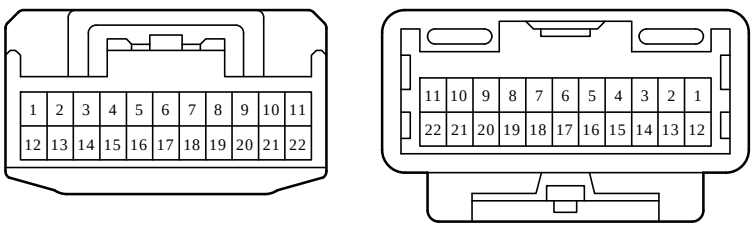
AJ2
Gray



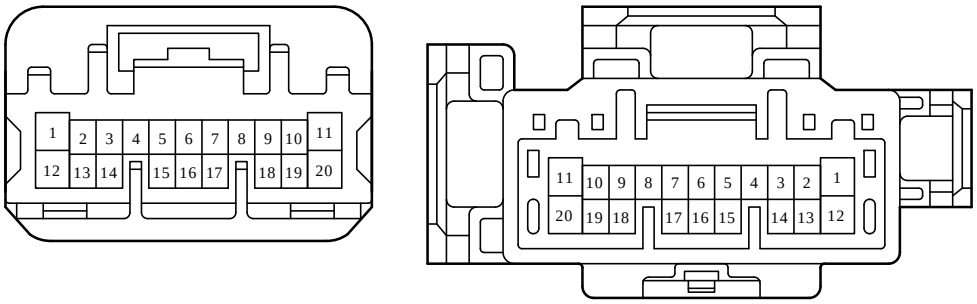
AJ4
White



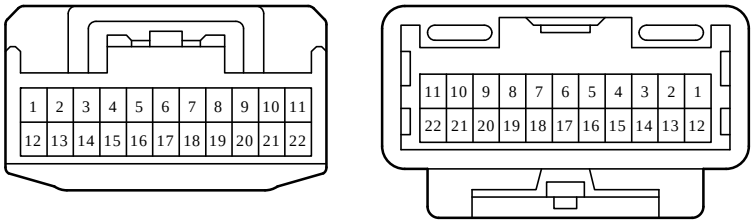
AJ5
Gray



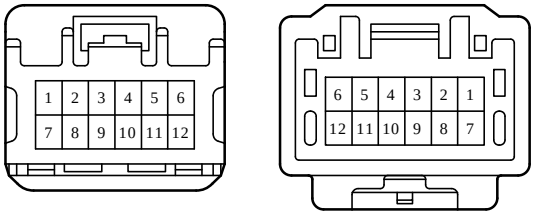
AJ9
White



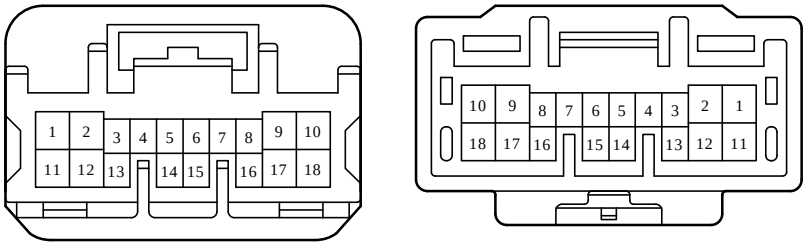
AJ10
Gray



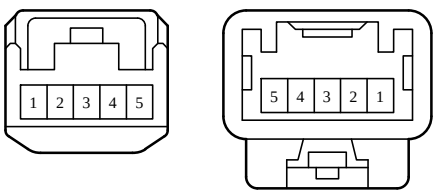
AJ11
Gray



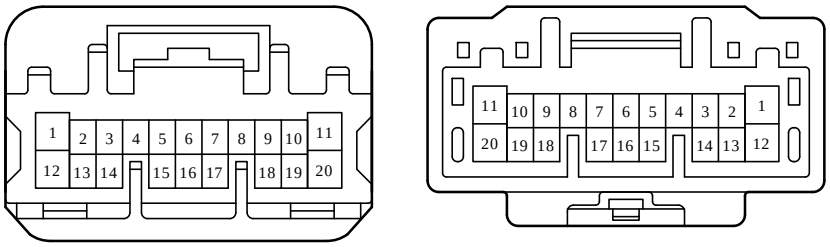
DA4
Gray



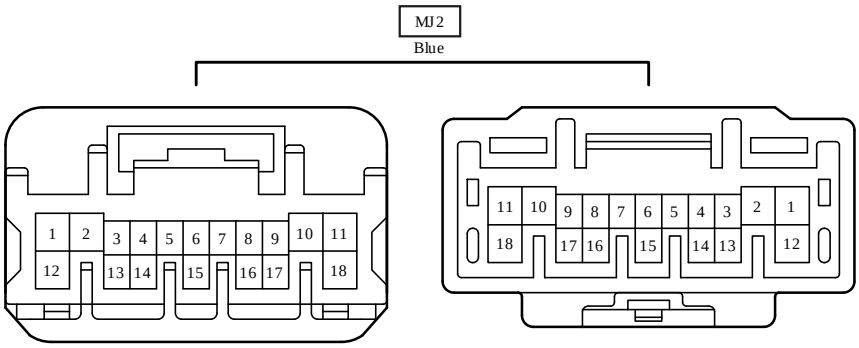
JJ2
White



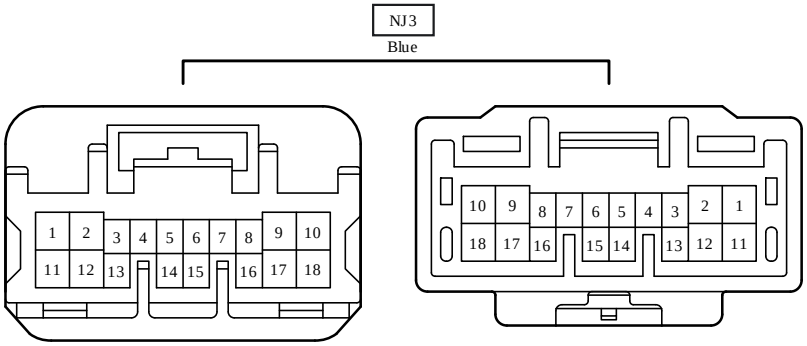
JW1
White



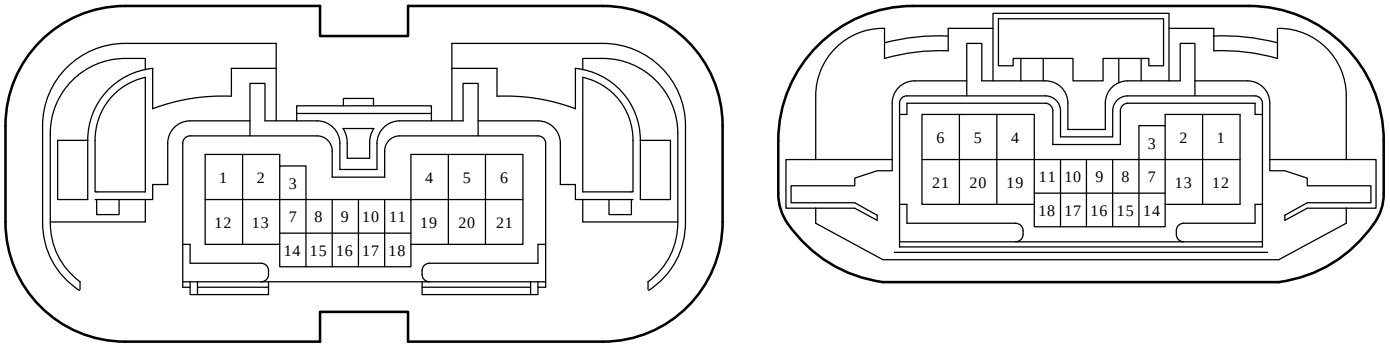
MJ2
Blue



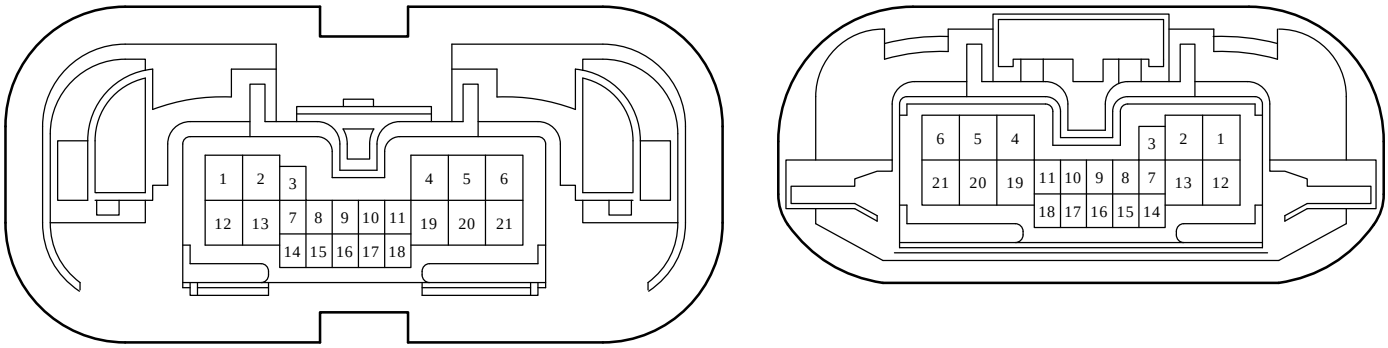
NJ3
Blue



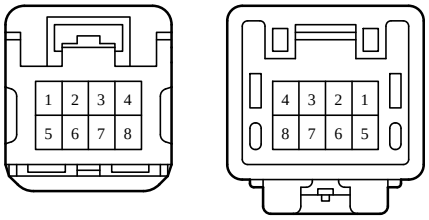
OP1
White



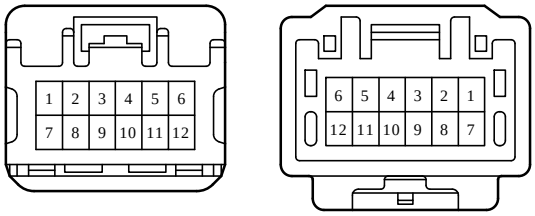
OQ1
White



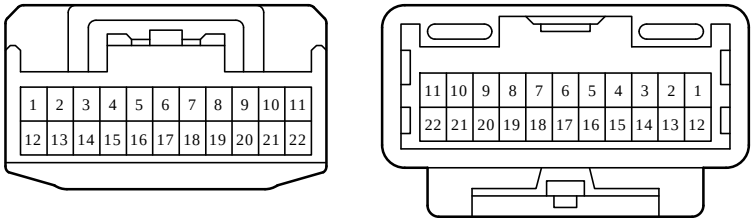
PJ1
Black



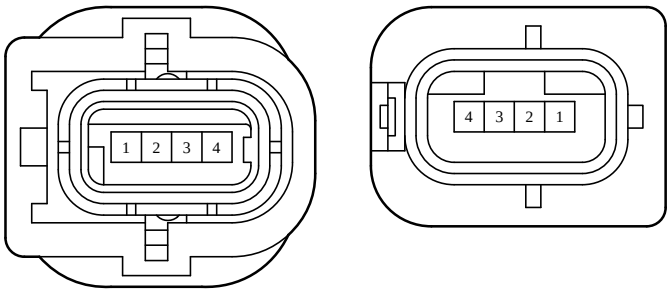
QJ2
Black

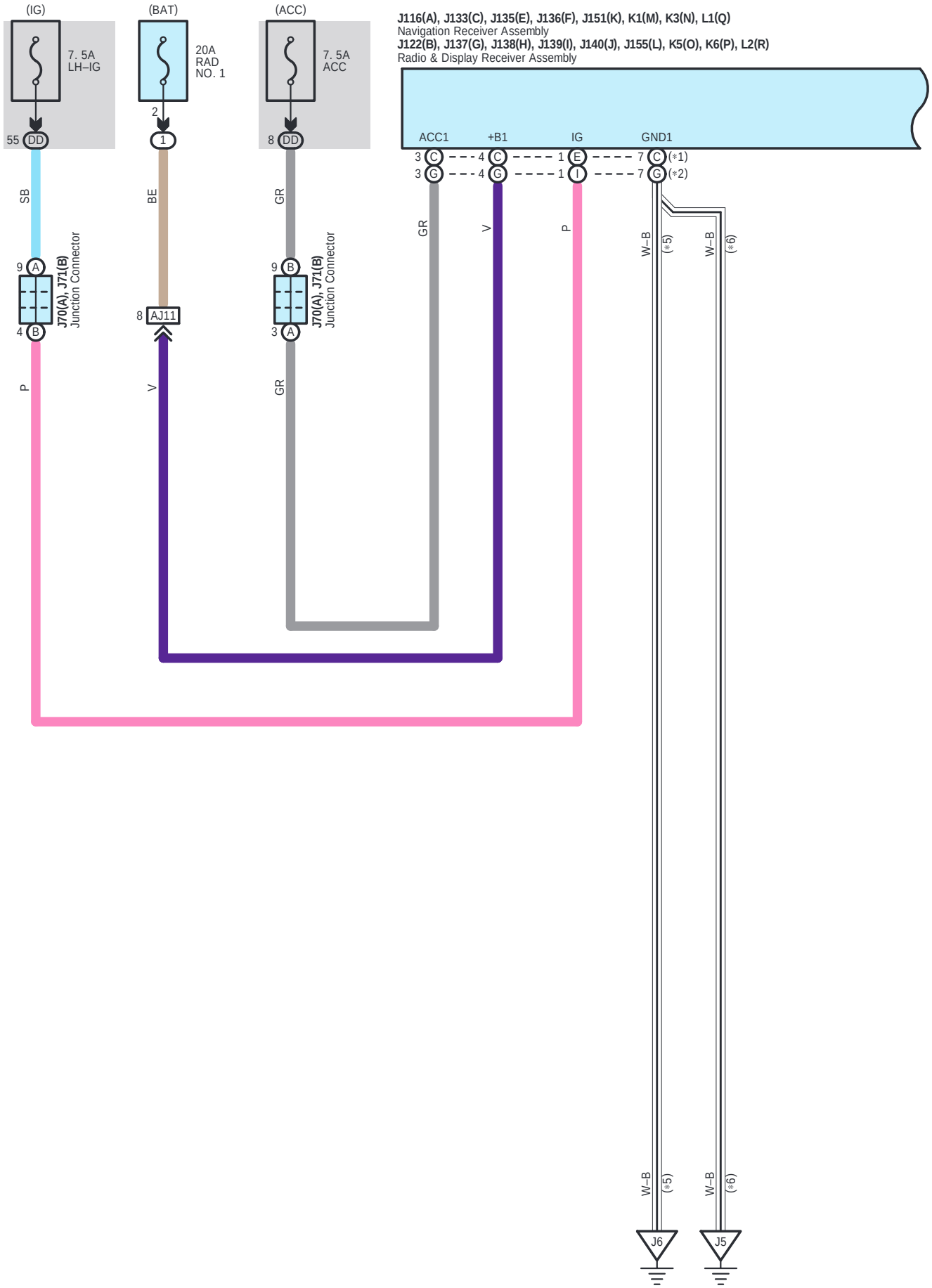


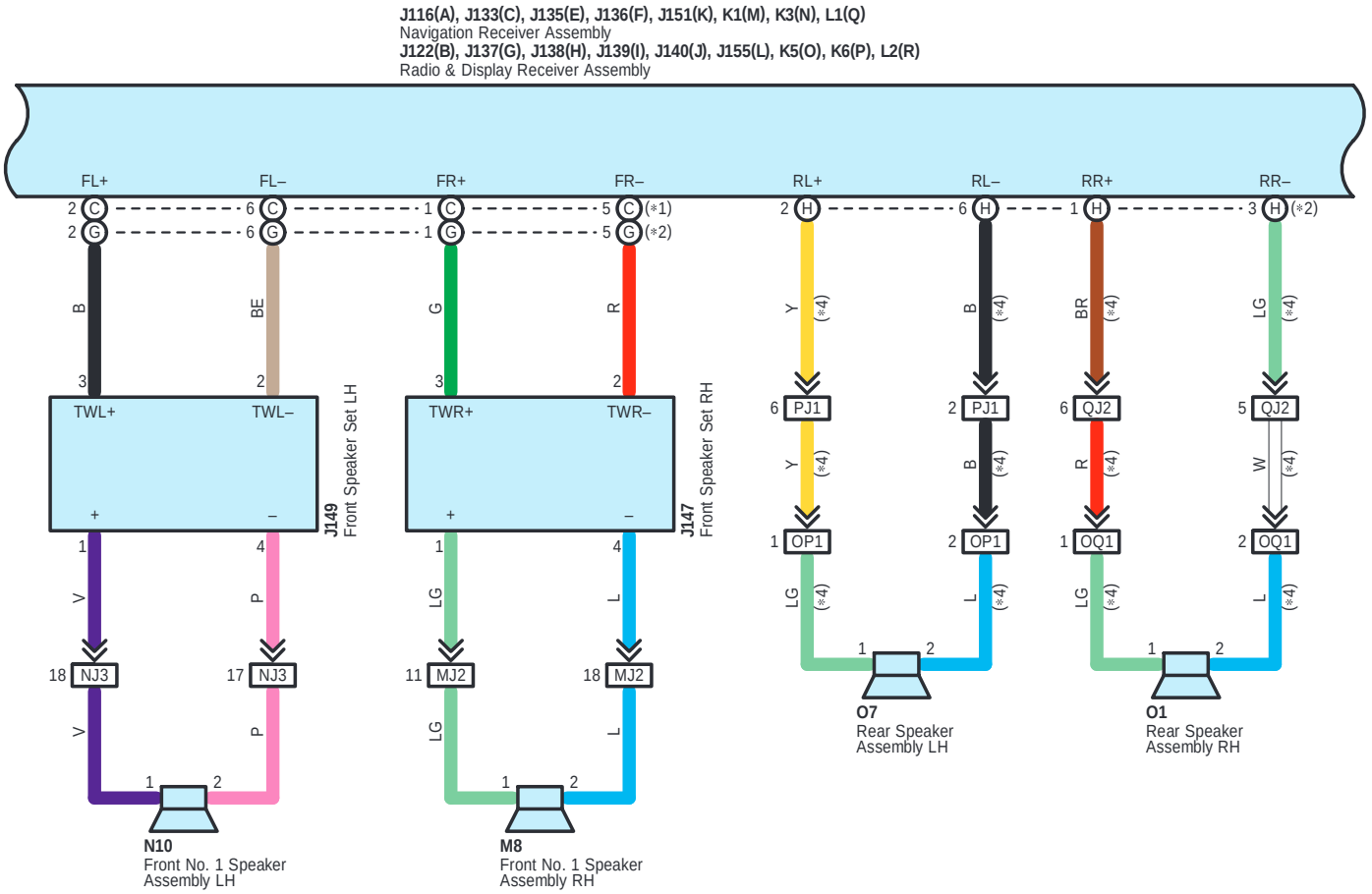
RA1
Black



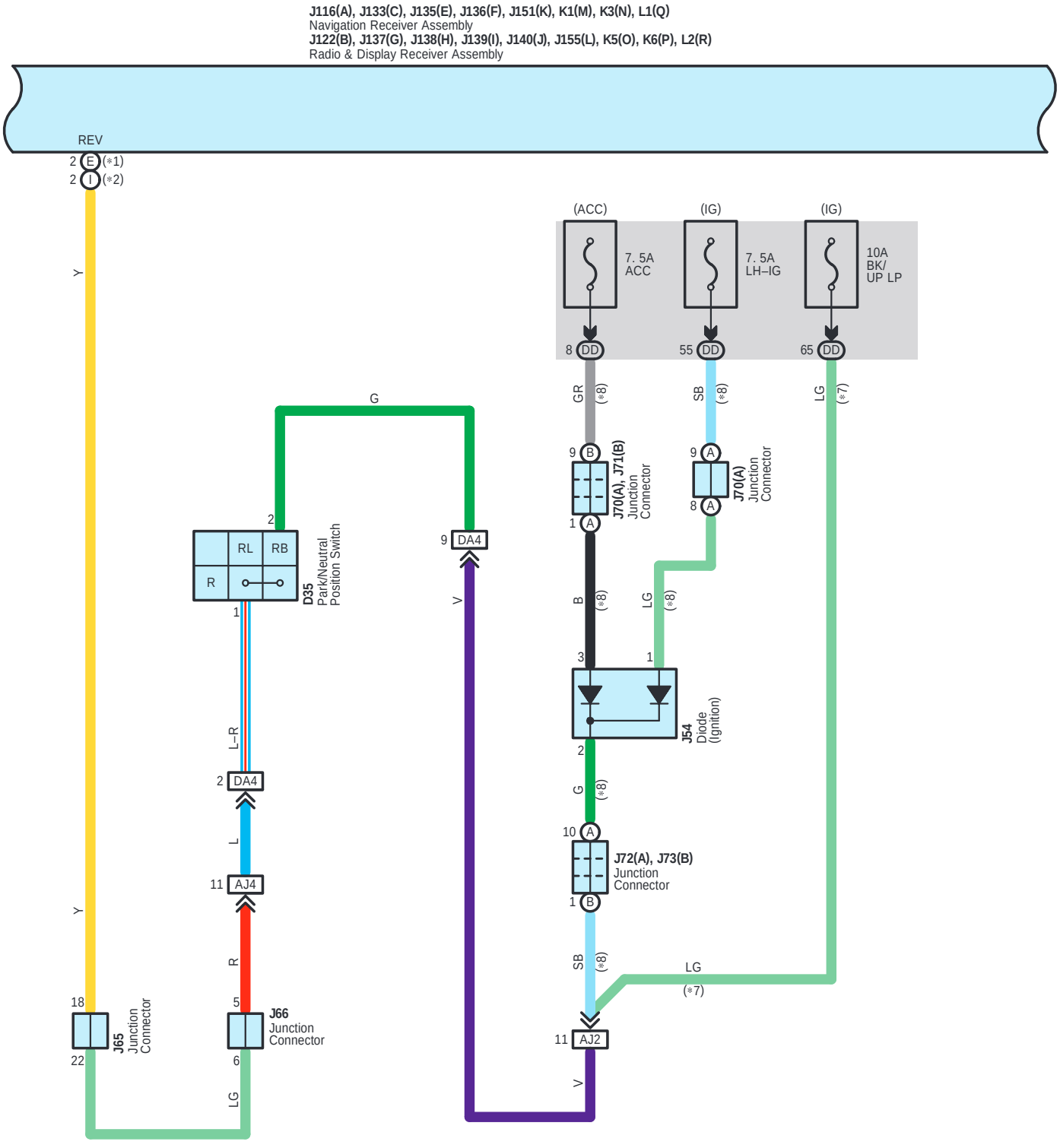
XR1
White

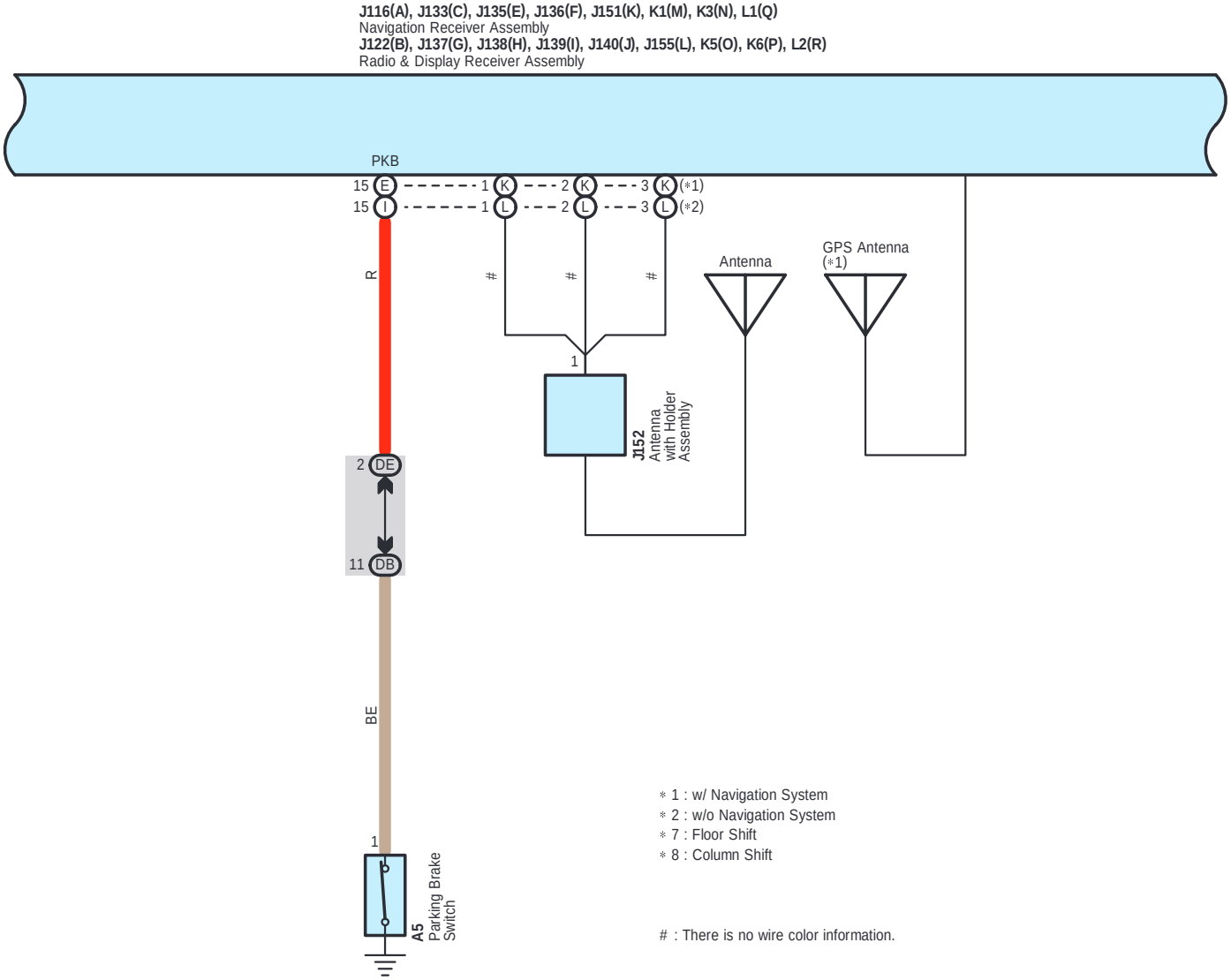



(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
(BAT)
20A
RAD
NO. 1
2
1
BE
8 AJ11
V
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction Connector
3 A
GR
J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
ACC1
+B1
IG
GND1
3 C
3 G
4 C
4 G
1 E
1 I
7 C (*1)
7 G (*2)
GR
V
P
W–B
(*5)
W–B
(*6)
W–B
(*5)
W–B
(*6)
J6
J5

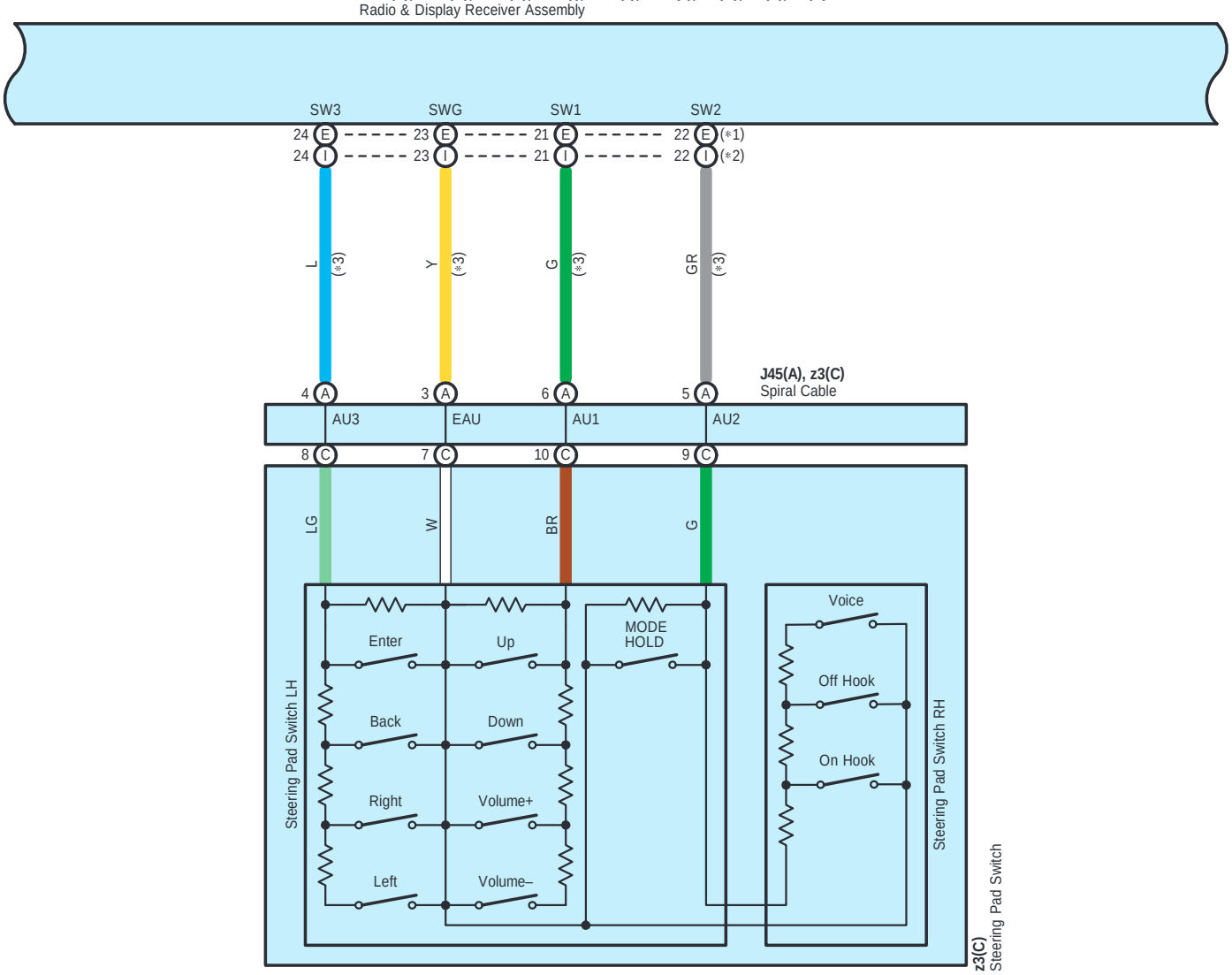


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 4 : w/ Rear Door Speaker
* 5 : w/ SDARS
* 6 : w/o SDARS

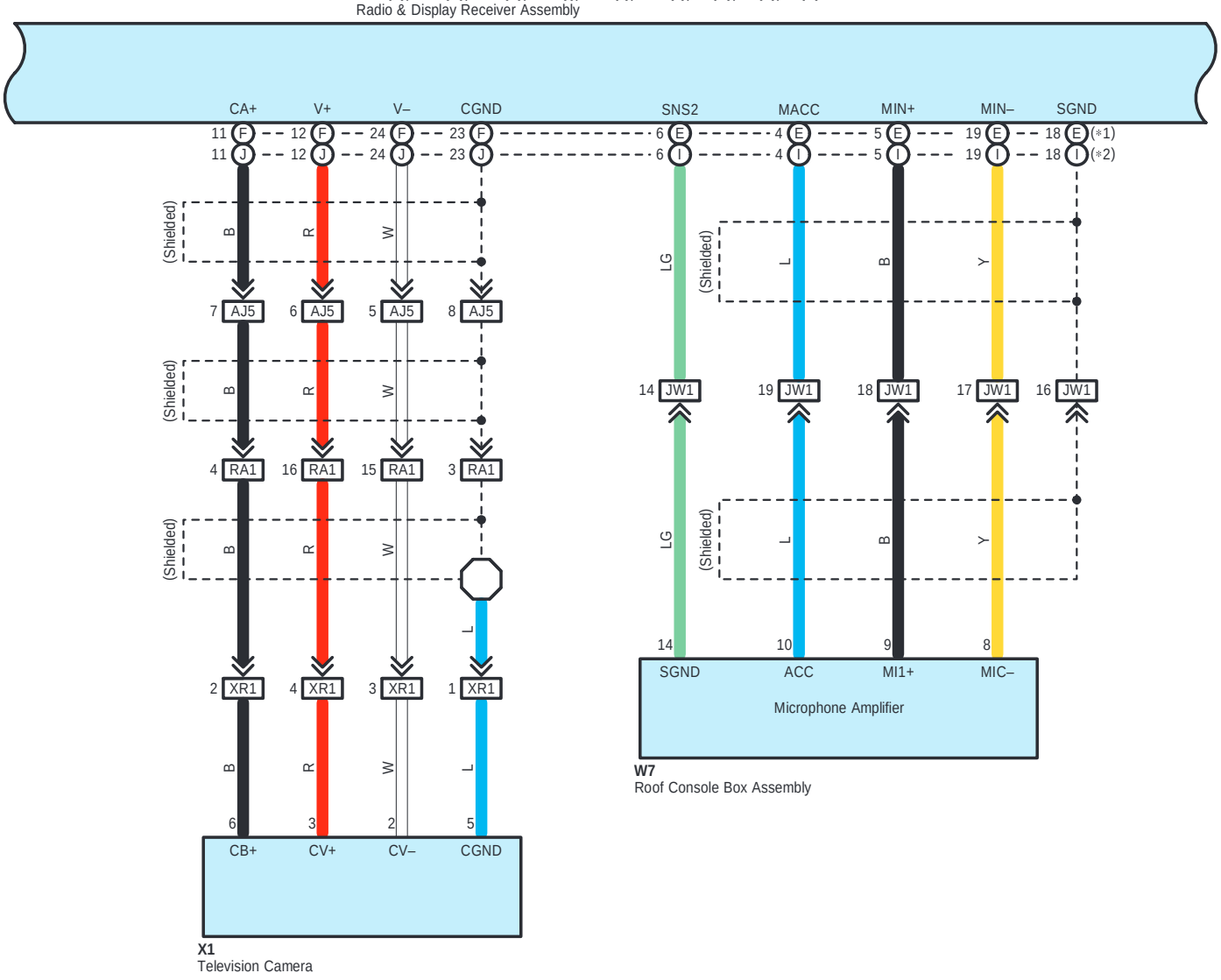

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
Y
18
J65 Junction Connector
22
LG
5
J66 Junction Connector
6
R
11 AJ4
L
2 DA4
L–R
1
2
D35 Park/Neutral Position Switch
RL
RB
R
G
9 DA4
V
11 AJ2
V
SB
(*8)
10 A
J72(A), J73(B) Junction Connector
1 B
G
(*8)
2
J54 Diode (Ignition)
3
1
B
(*8)
LG
(*8)
1 A
J70(A), J71(B) Junction Connector
9 B
GR
(*8)
9 A
J70(A) Junction Connector
8 A
SB
(*8)
LG
(*7)
LG
(*7)
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
PKB
15 E
15 I
1 K
1 L
2 K
2 L
3 K
3 L
(*1)
(*2)
R
#
#
#
Antenna
GPS Antenna (*1)
1
J152 Antenna with Holder Assembly
2 DE
11 DB
BE
1
A5 Parking Brake Switch
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 7 : Floor Shift
* 8 : Column Shift
# : There is no wire color information.

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly



J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

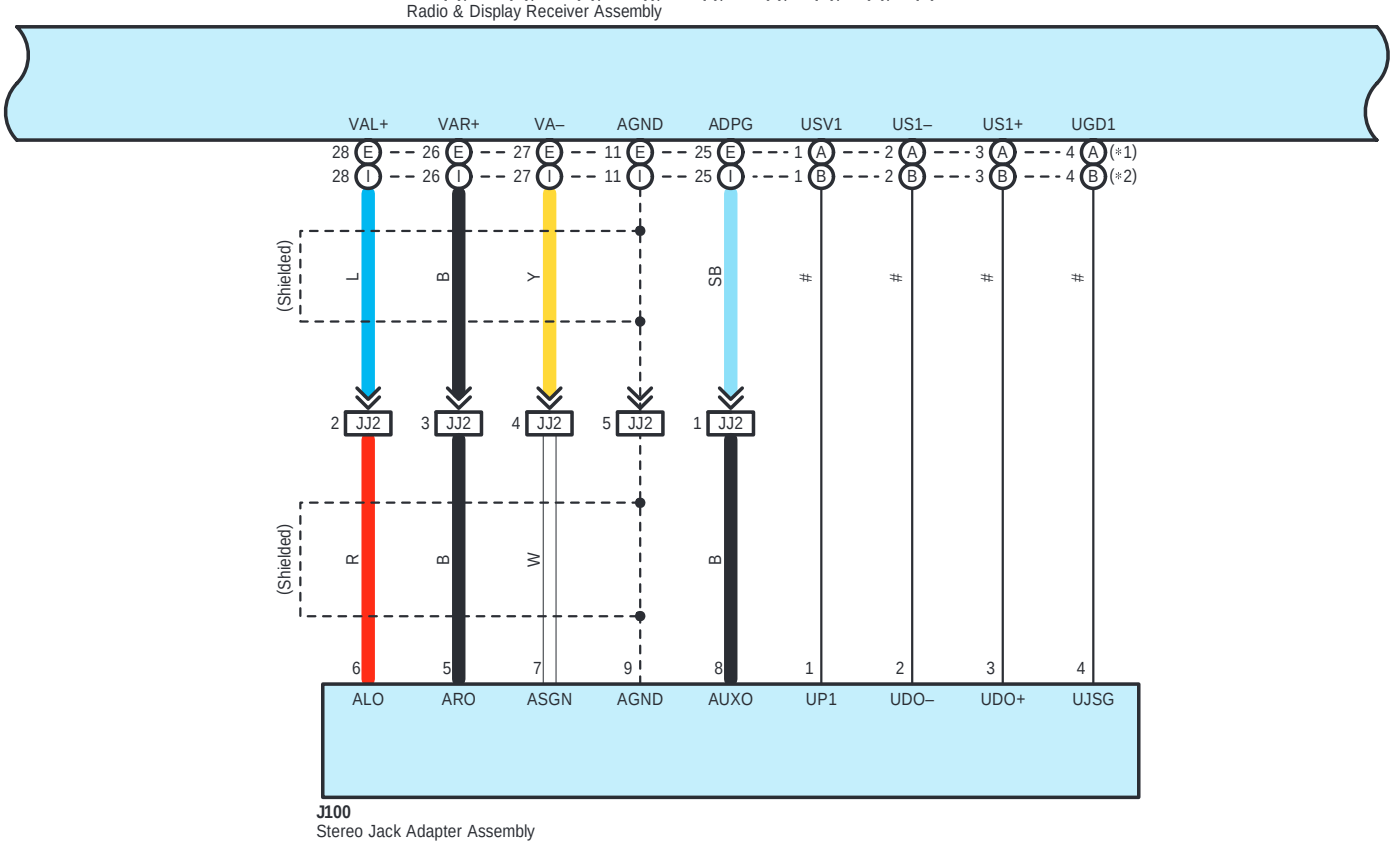


X1
Television Camera

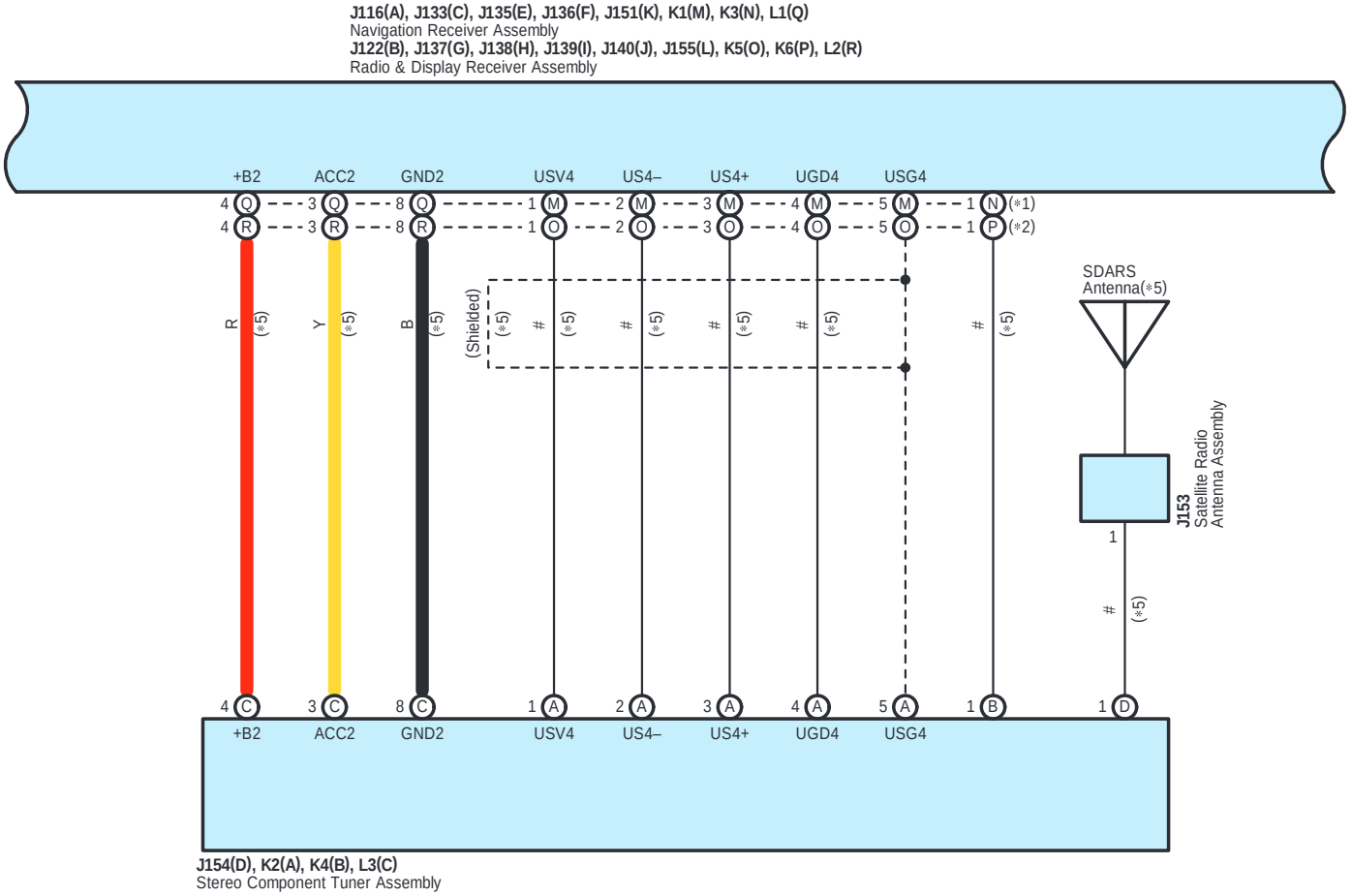
W7
Roof Console Box Assembly

∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : w/ Steering Pad Switch

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

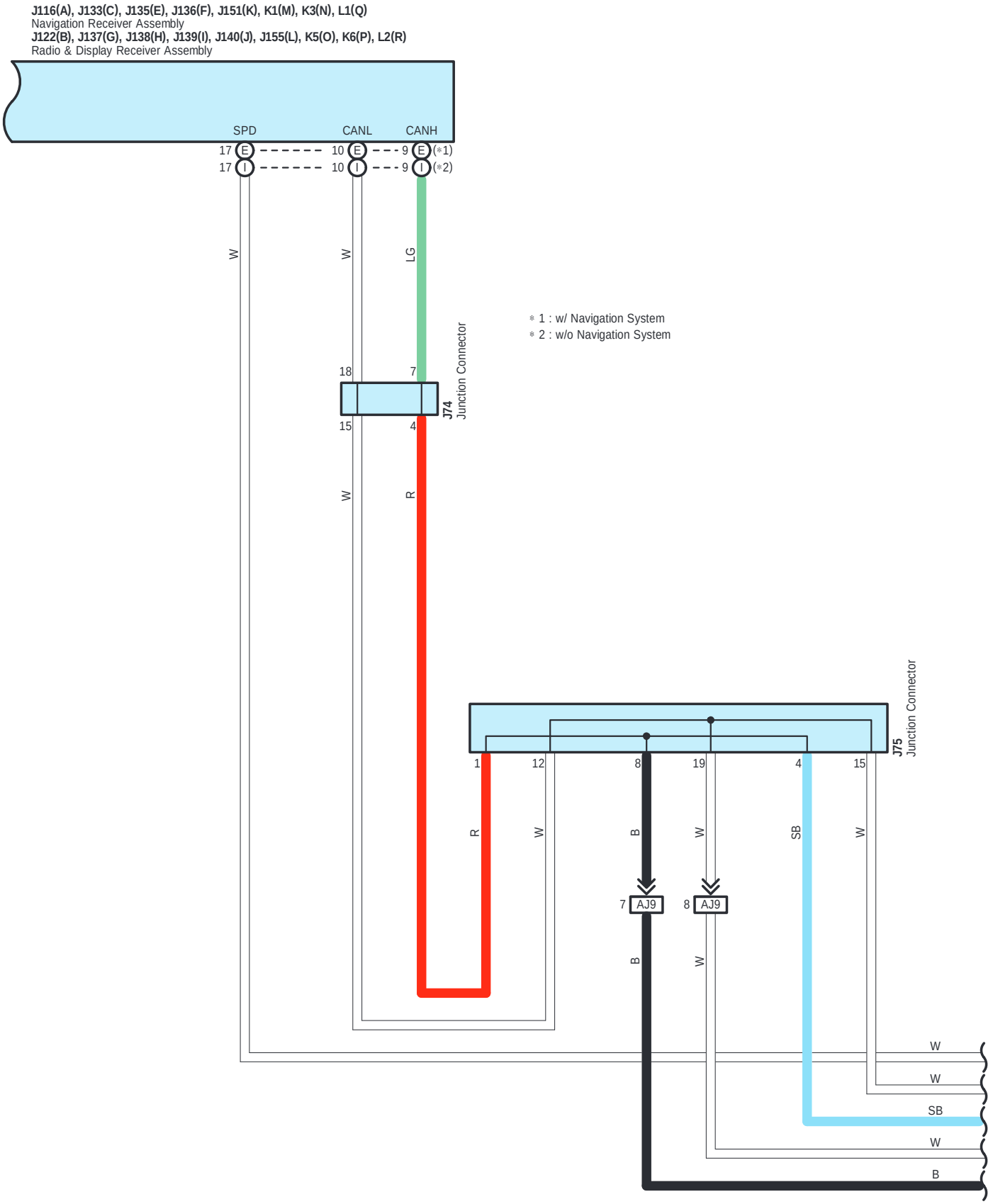


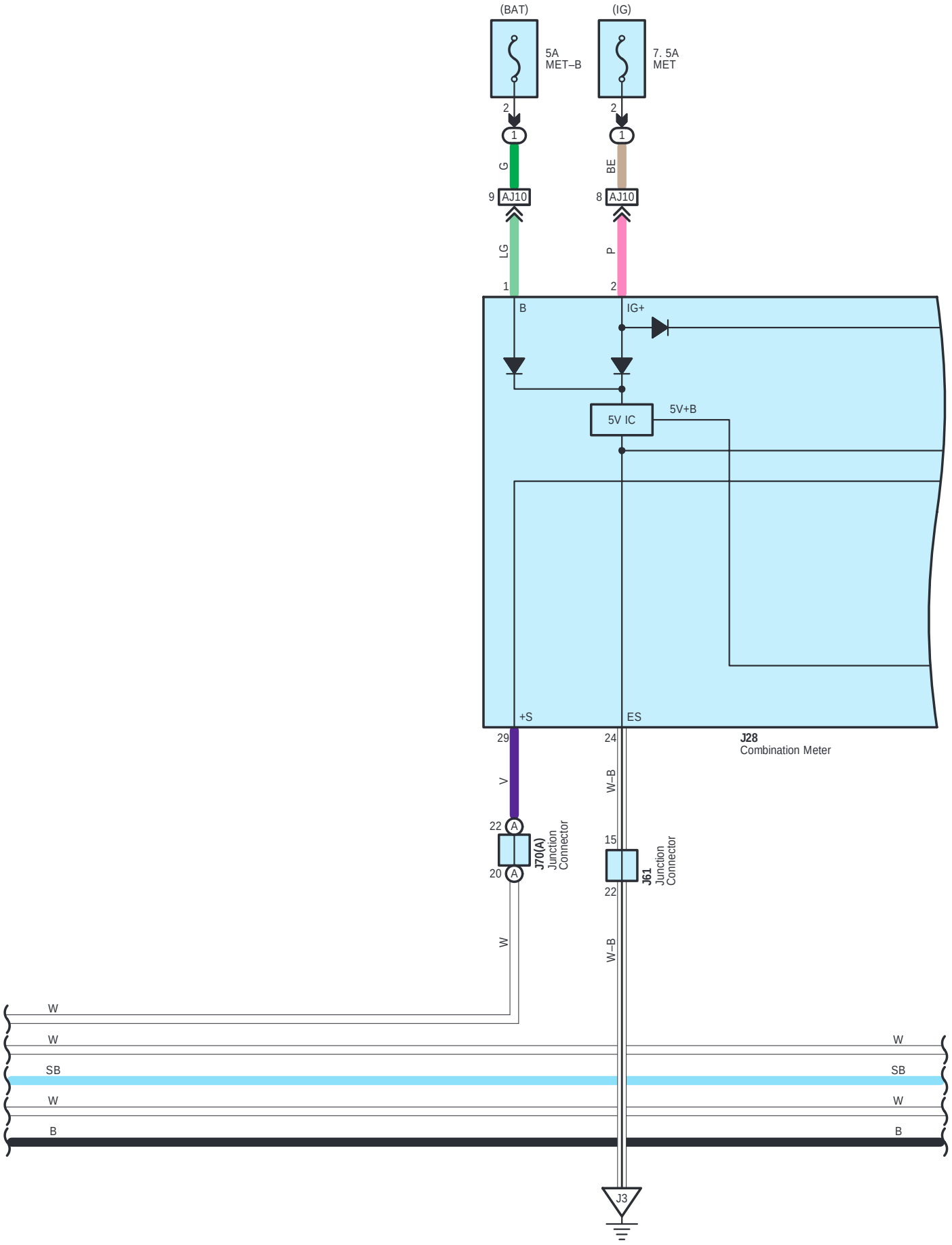
J100
Stereo Jack Adapter Assembly

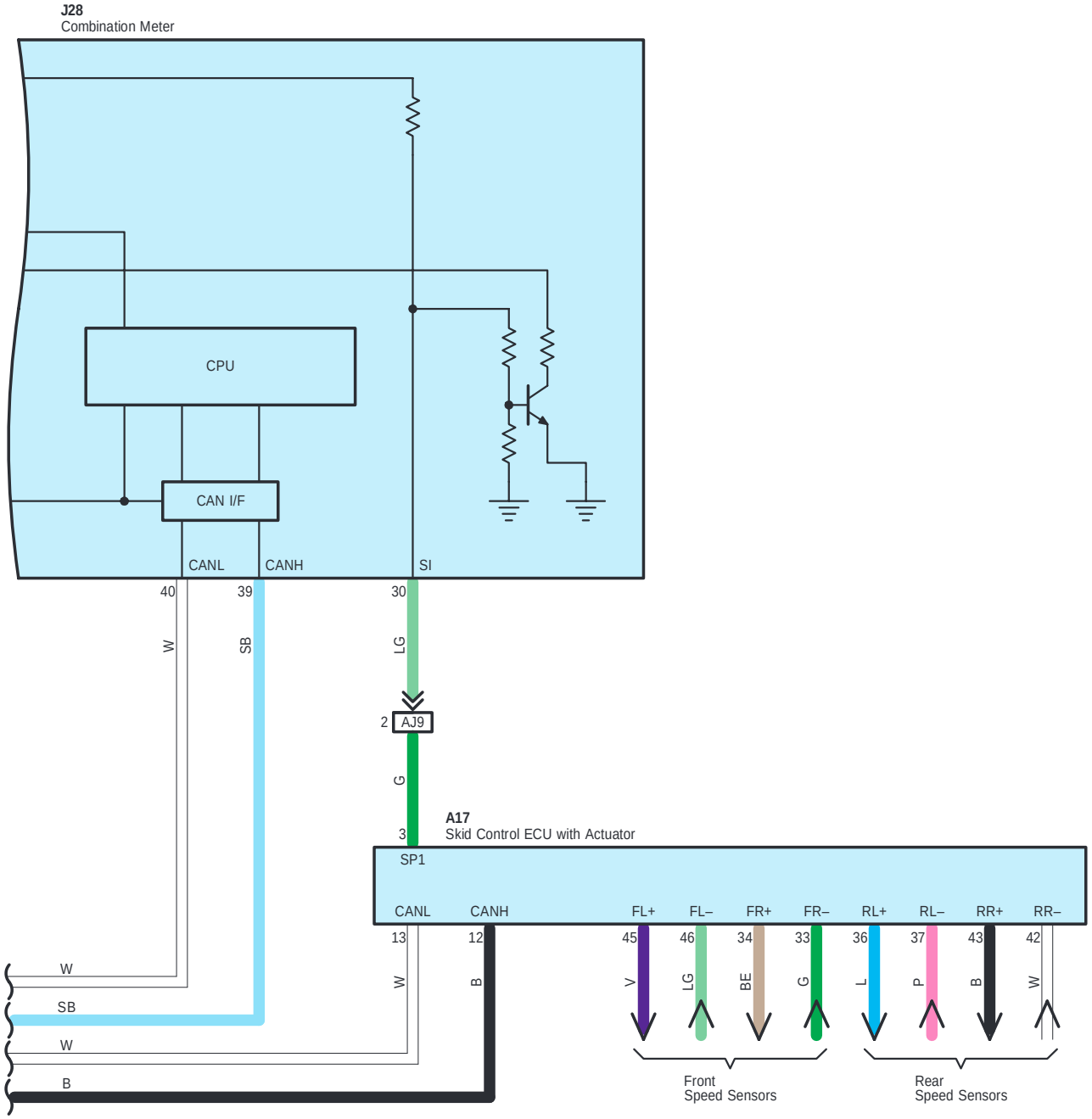


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 5 : w/ SDARS

: There is no wire color information.


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
J74
Junction Connector
15
4
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

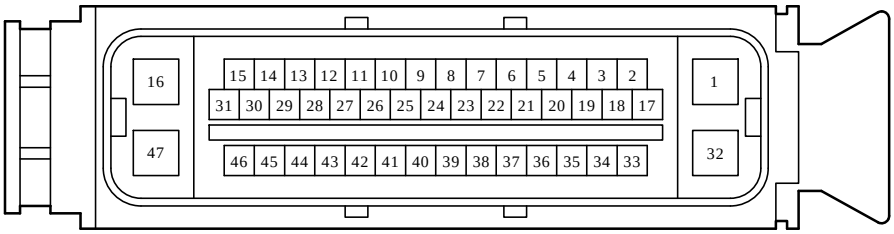

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

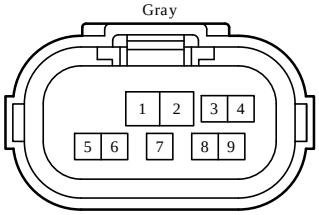
A 5
White



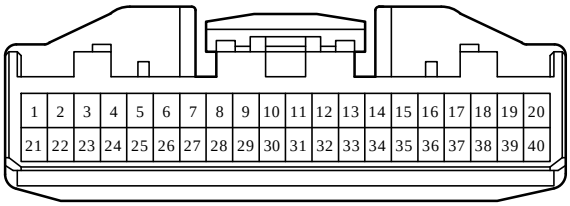
A 17
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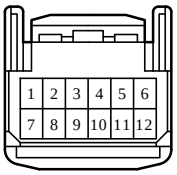
D 35
Gray



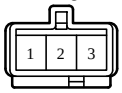
J 28
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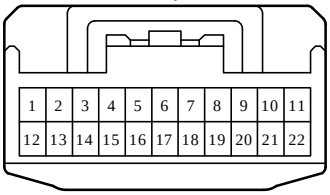
J 45
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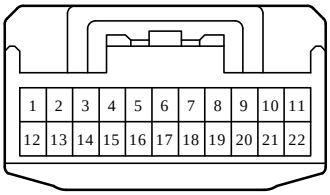
J 54
Orange



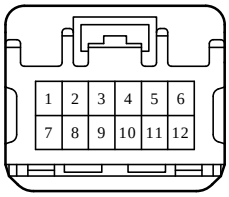
J 61
Gray



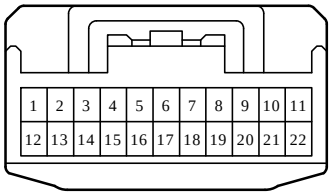
J 65
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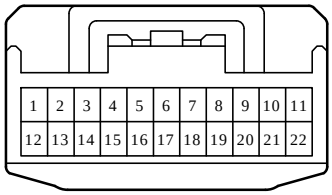
J 66
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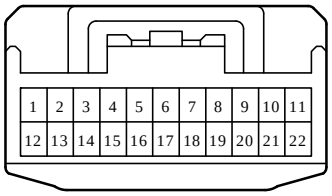
J 70
Blue



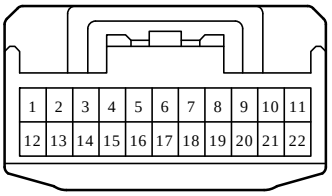
J 71
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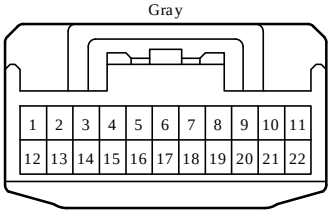
J 72
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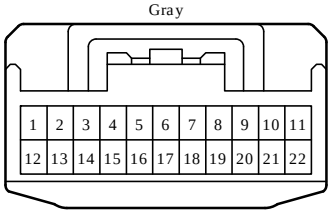
J 73
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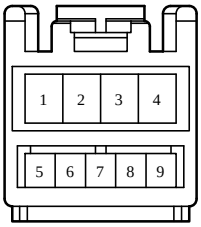
J 74
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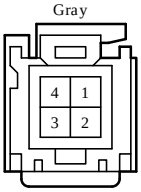
J 75
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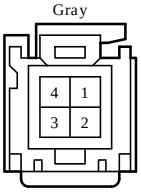
J100
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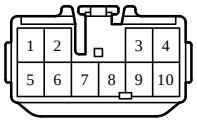
J116
Gray



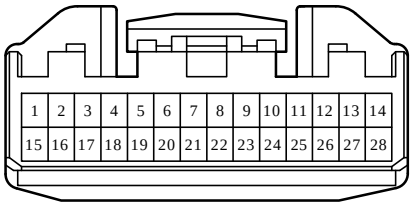
J122
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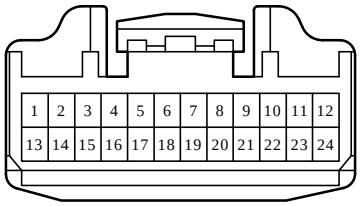
J133
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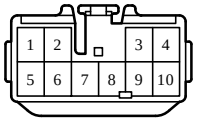
J135
White



J136
White



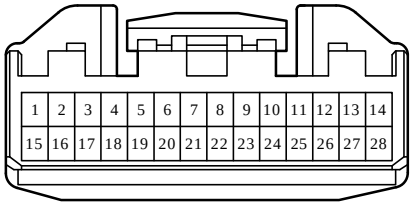
J137
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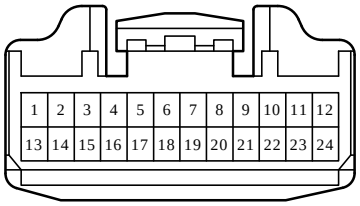
J138
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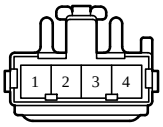
J139
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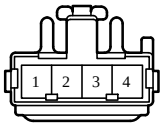
J140
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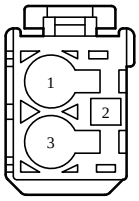
J147
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J149
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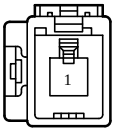
J151
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J152
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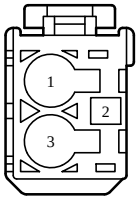
J153
Blue



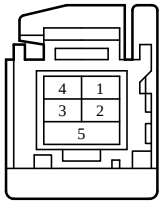
J154
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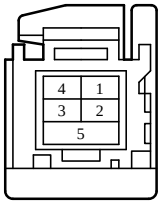
J155
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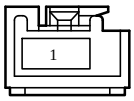
K 1
Brown



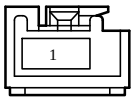
K 2
Brown



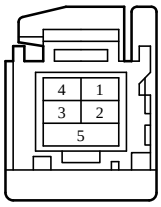
K 3
White



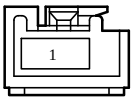
K 4
White



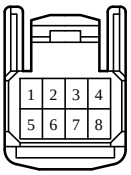
K 5
Brown



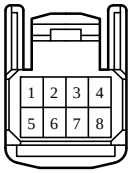
K 6
White



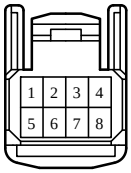
L 1
White



L 2
White



L 3
White



M 8
White



N 10
White



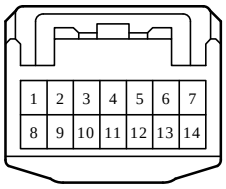
O 1
White



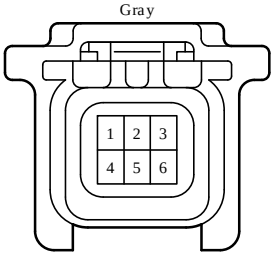
O 7
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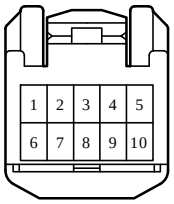
W 7
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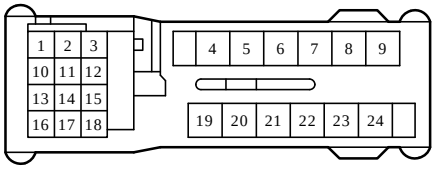
X 1
Gray



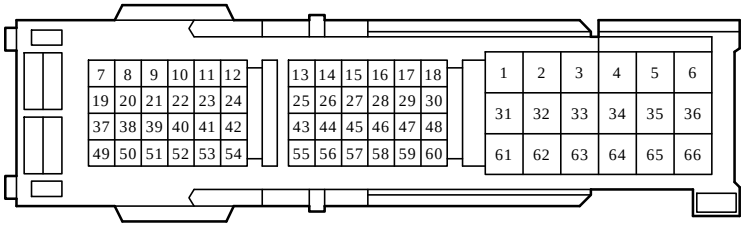
z 3
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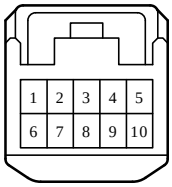
DB
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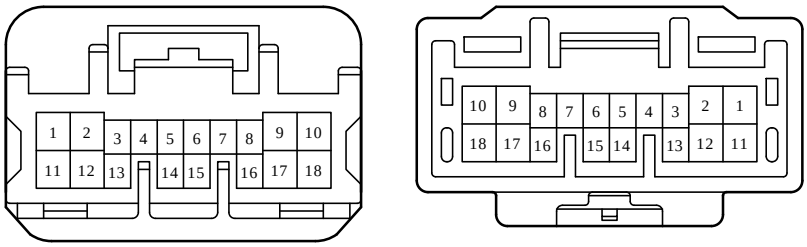
DD
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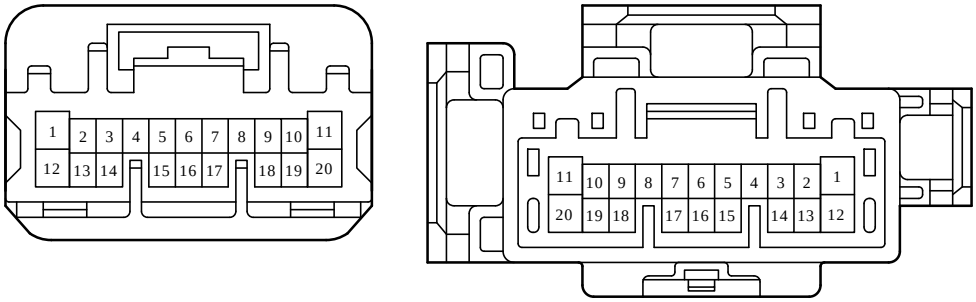
DE
White



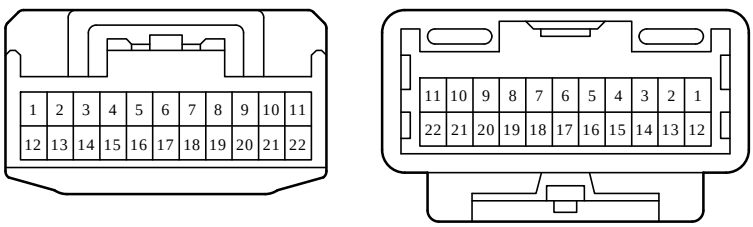
AJ2
Gray



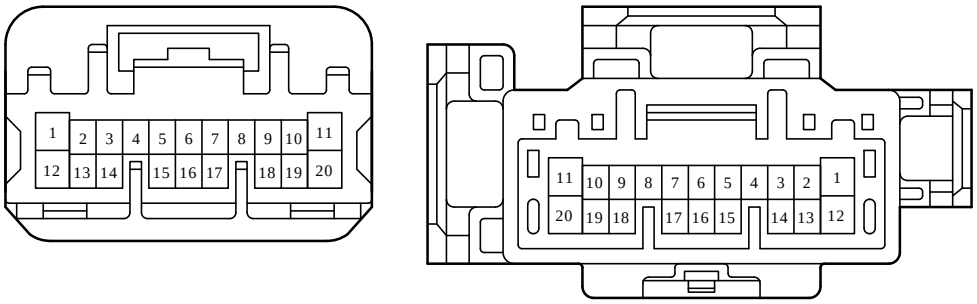
AJ4
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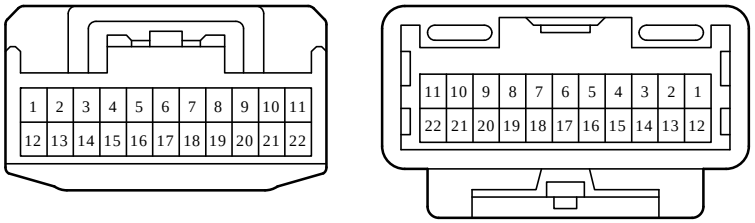
AJ5
Gray



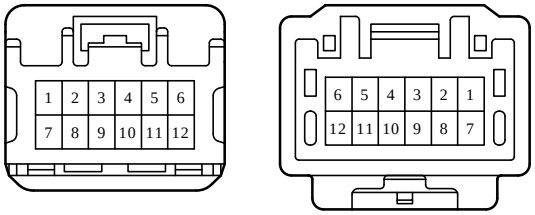
AJ9
White



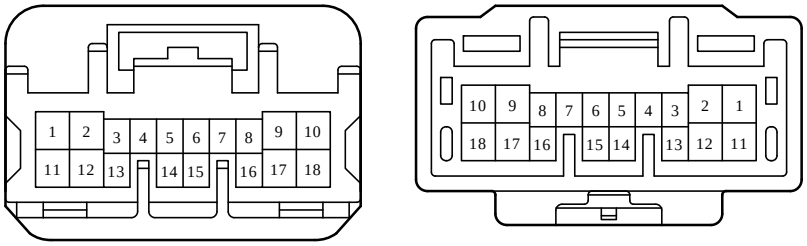
AJ10
Gray



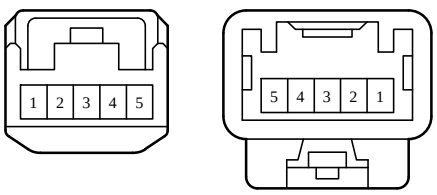
AJ11
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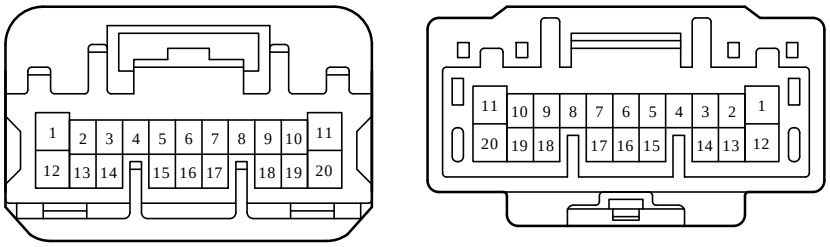
DA4
Gray



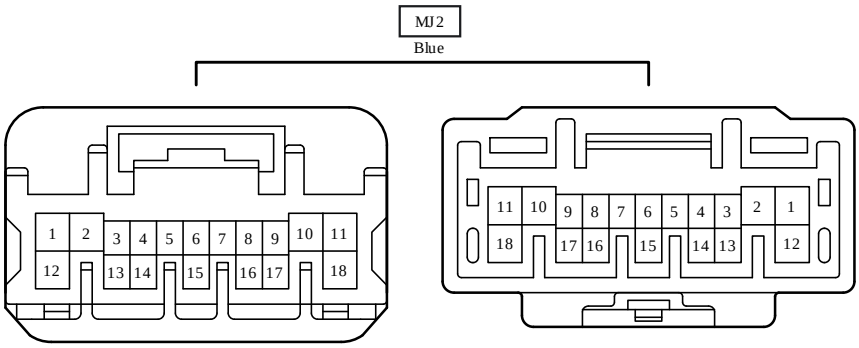
JJ2
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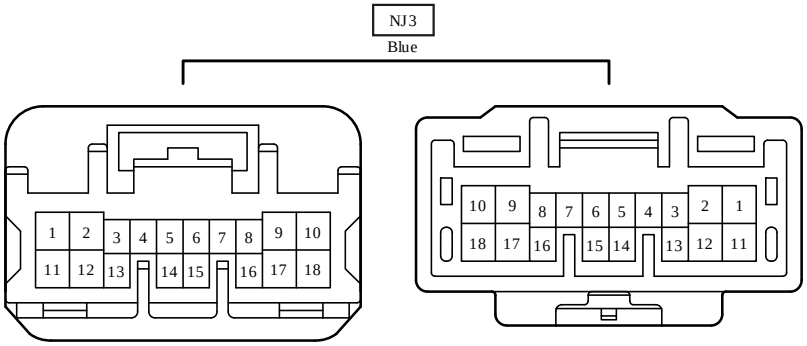
JW1
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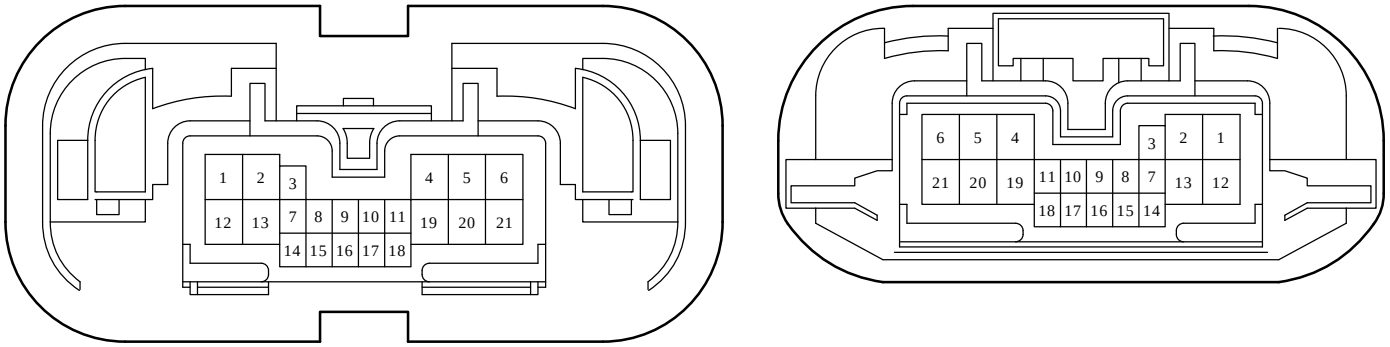
MJ2
Blue



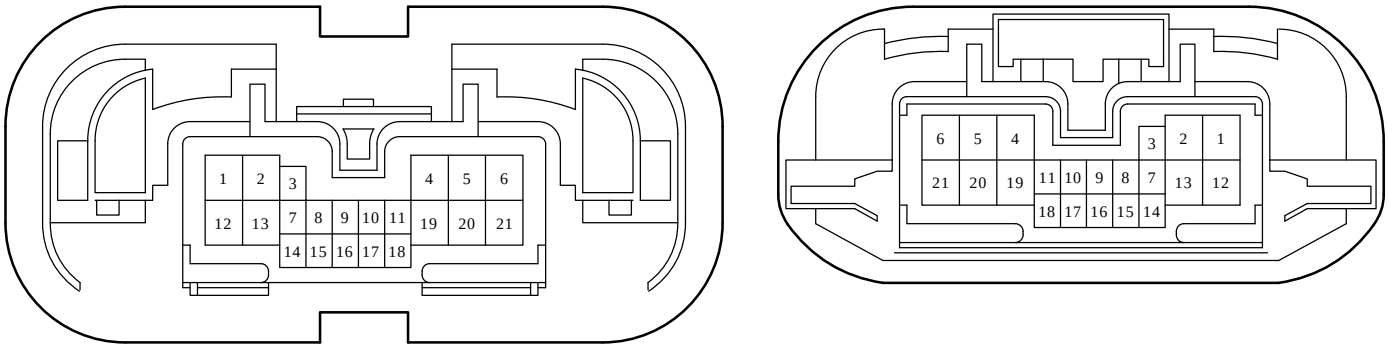
NJ3
Blue



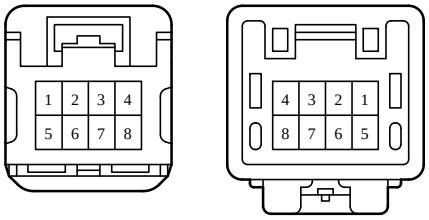
OP1
White



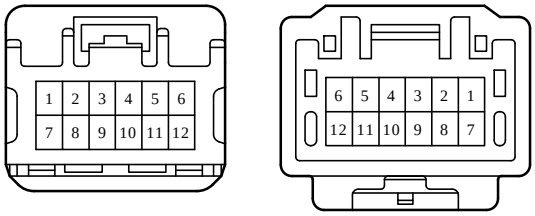
OQ1
White



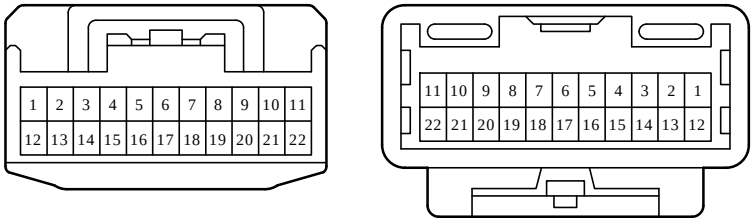
PJ1
Black



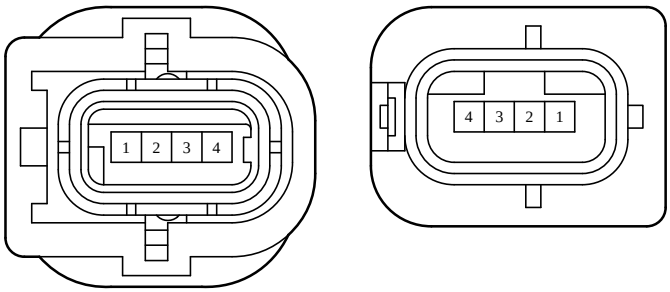
QJ2
Black

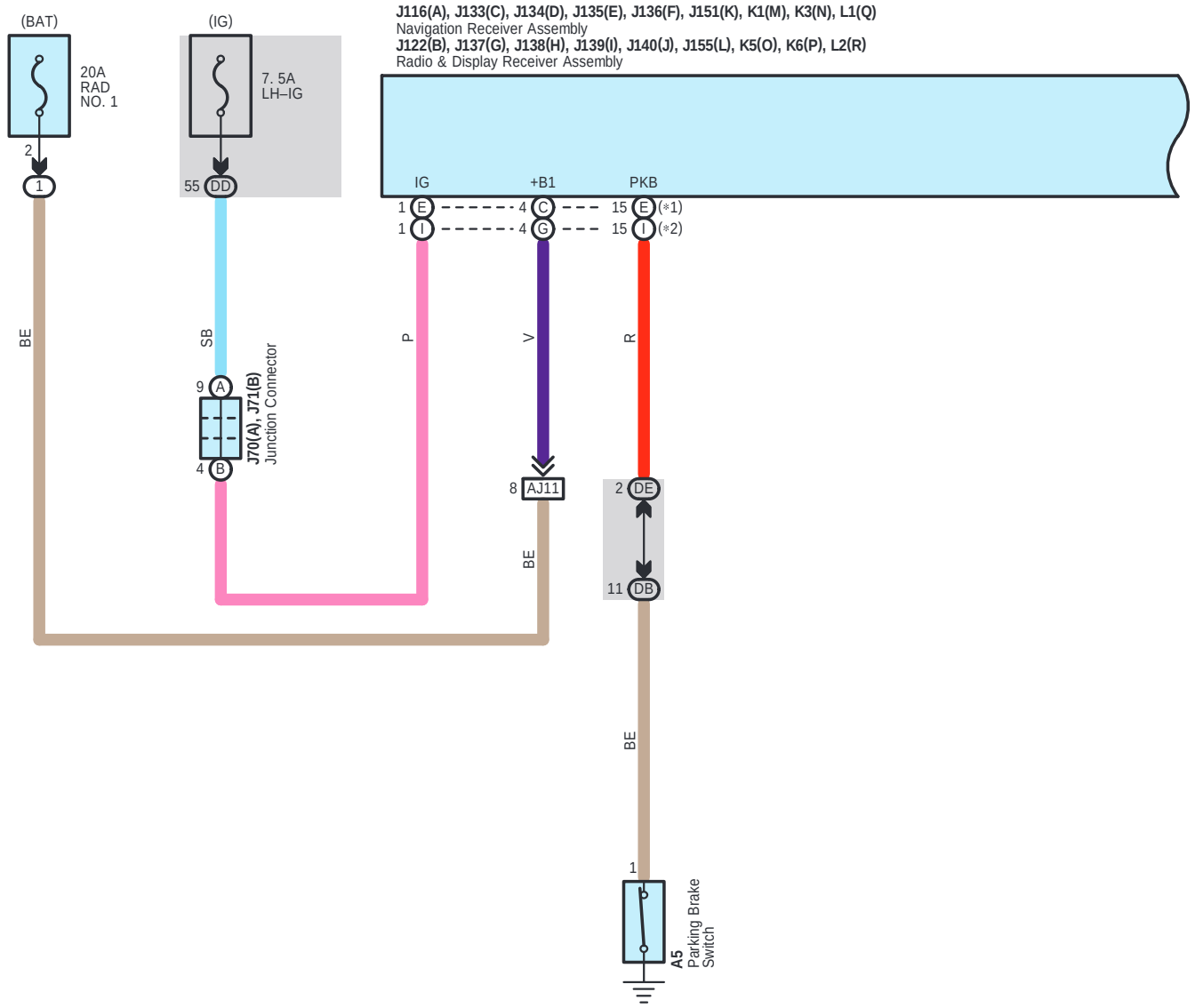


RA1
Black

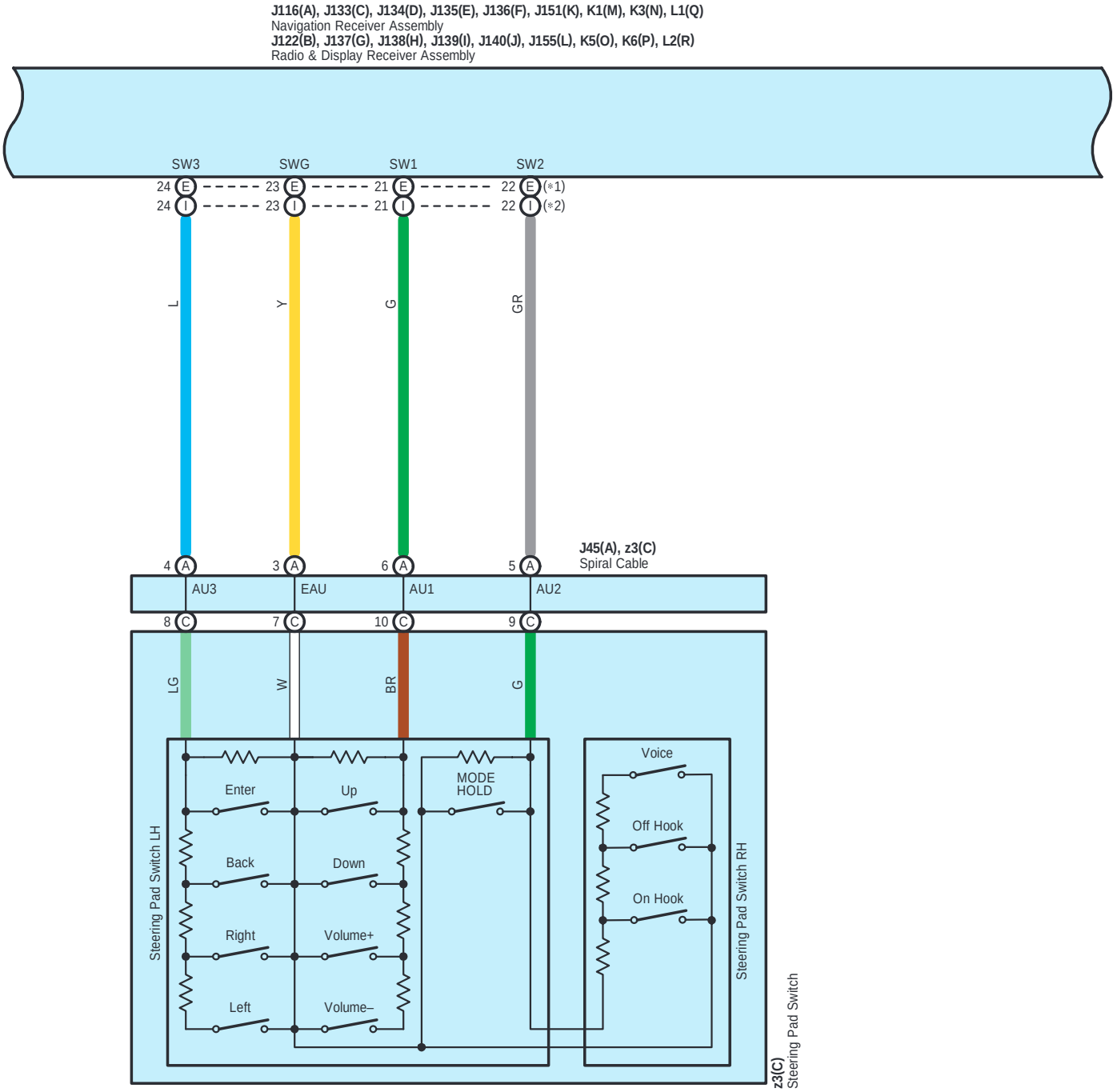


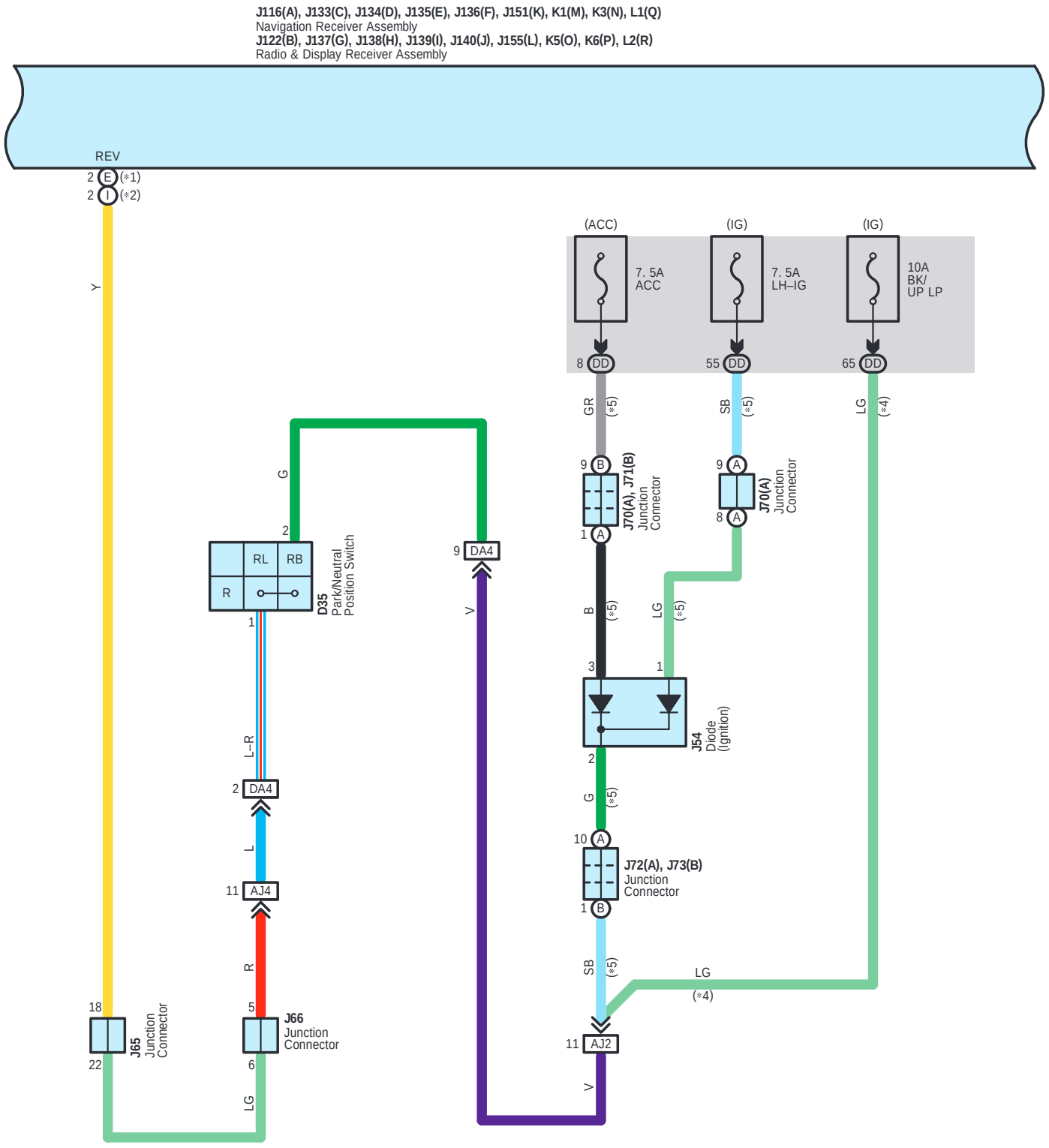
XR1
White

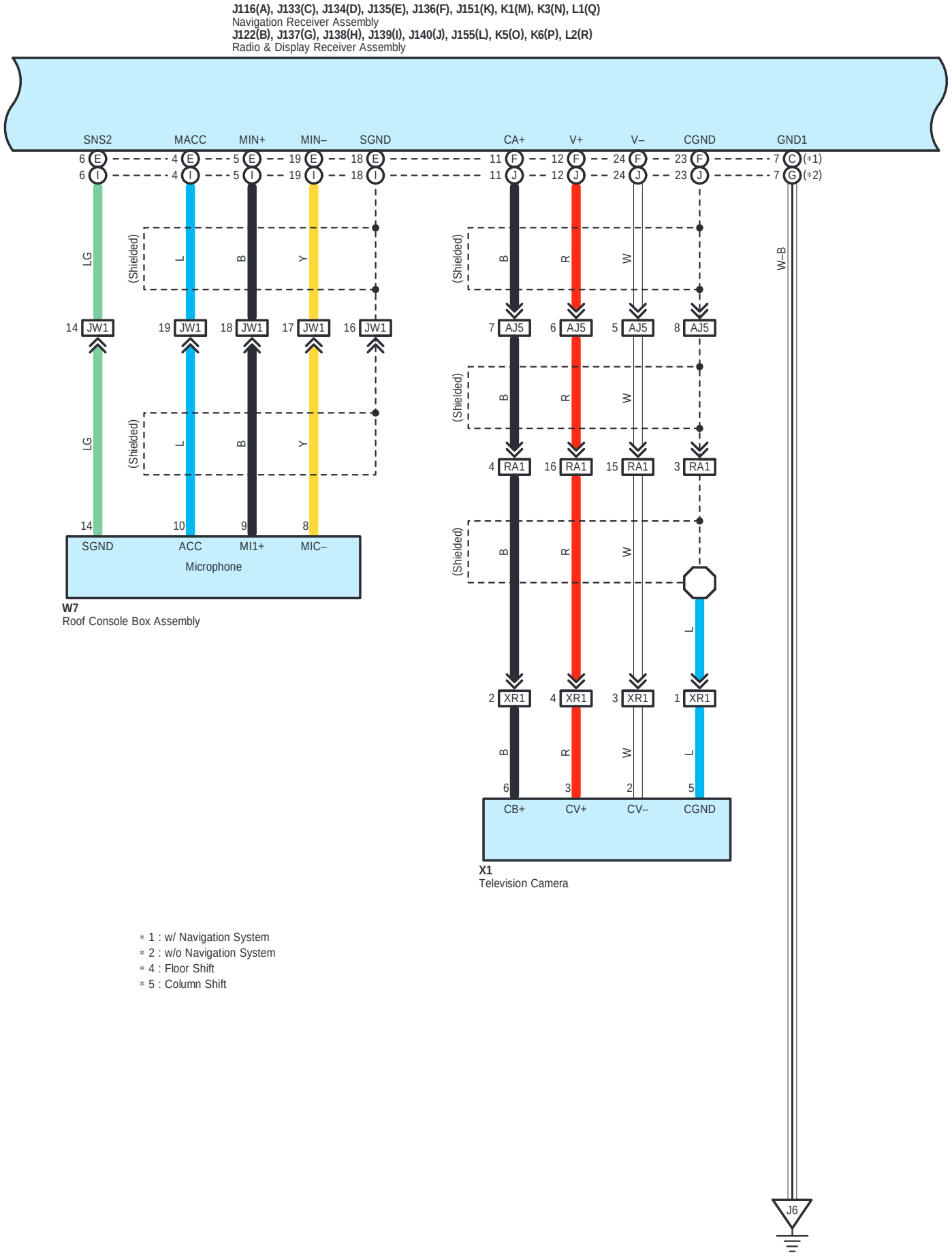




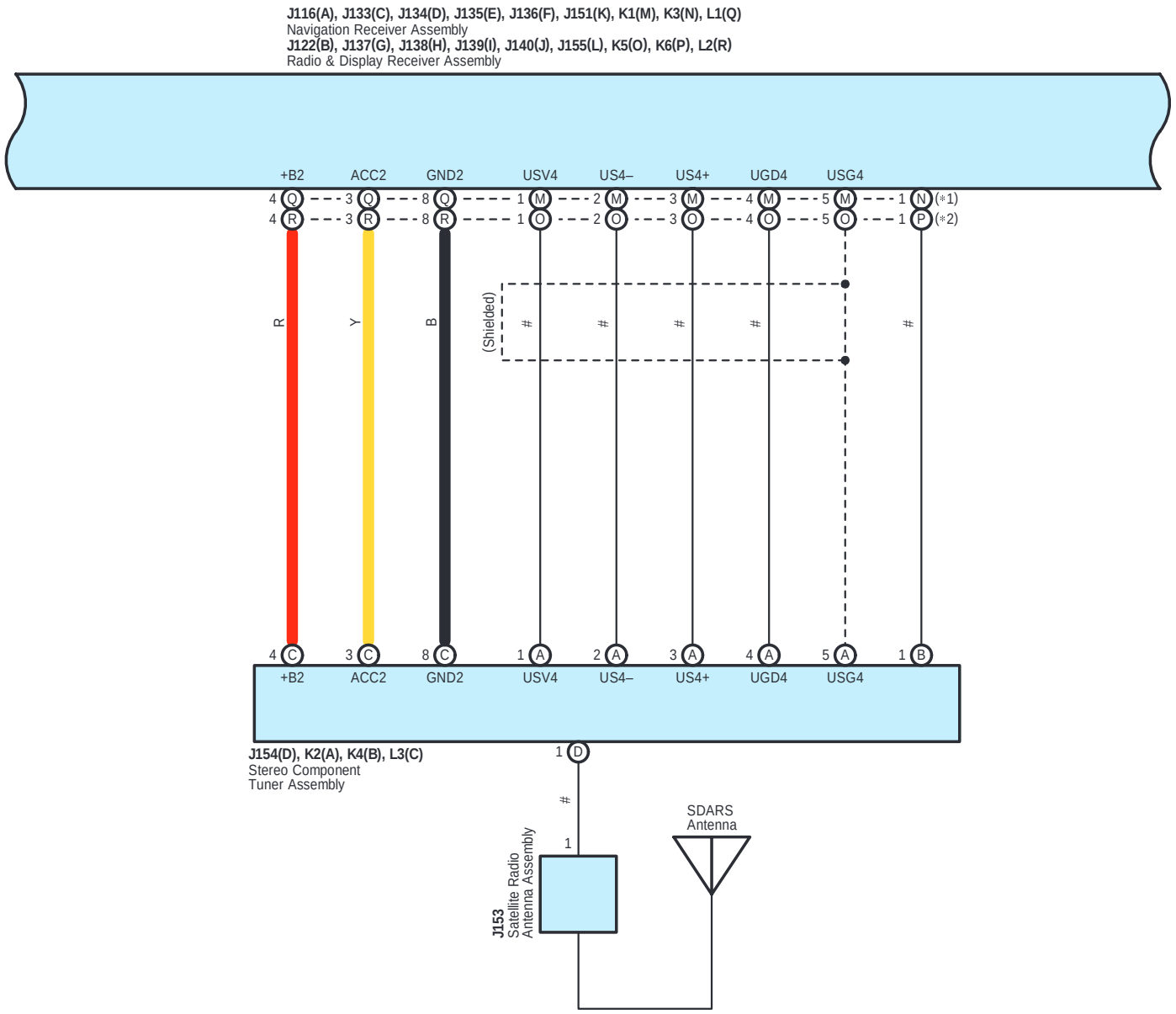
* 1 : w/ Navigation System
* 2 : w/o Navigation System


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SW3
SWG
SW1
SW2
24 E
24 I
23 E
23 I
21 E
21 I
22 E (*1)
22 I (*2)
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD
GR (*5)
SB (*5)
LG (*4)
9 B
9 A
1 A
8 A
J70(A), J71(B) Junction Connector
J70(A) Junction Connector
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
9 DA4
V
B (*5)
LG (*5)
3
1
J54 Diode (Ignition)
L–R
2 DA4
L
11 AJ4
R
2
G (*5)
10 A
J72(A), J73(B) Junction Connector
1 B
SB (*5)
LG (*4)
18
22
J65 Junction Connector
5
6
J66 Junction Connector
LG
11 AJ2
V



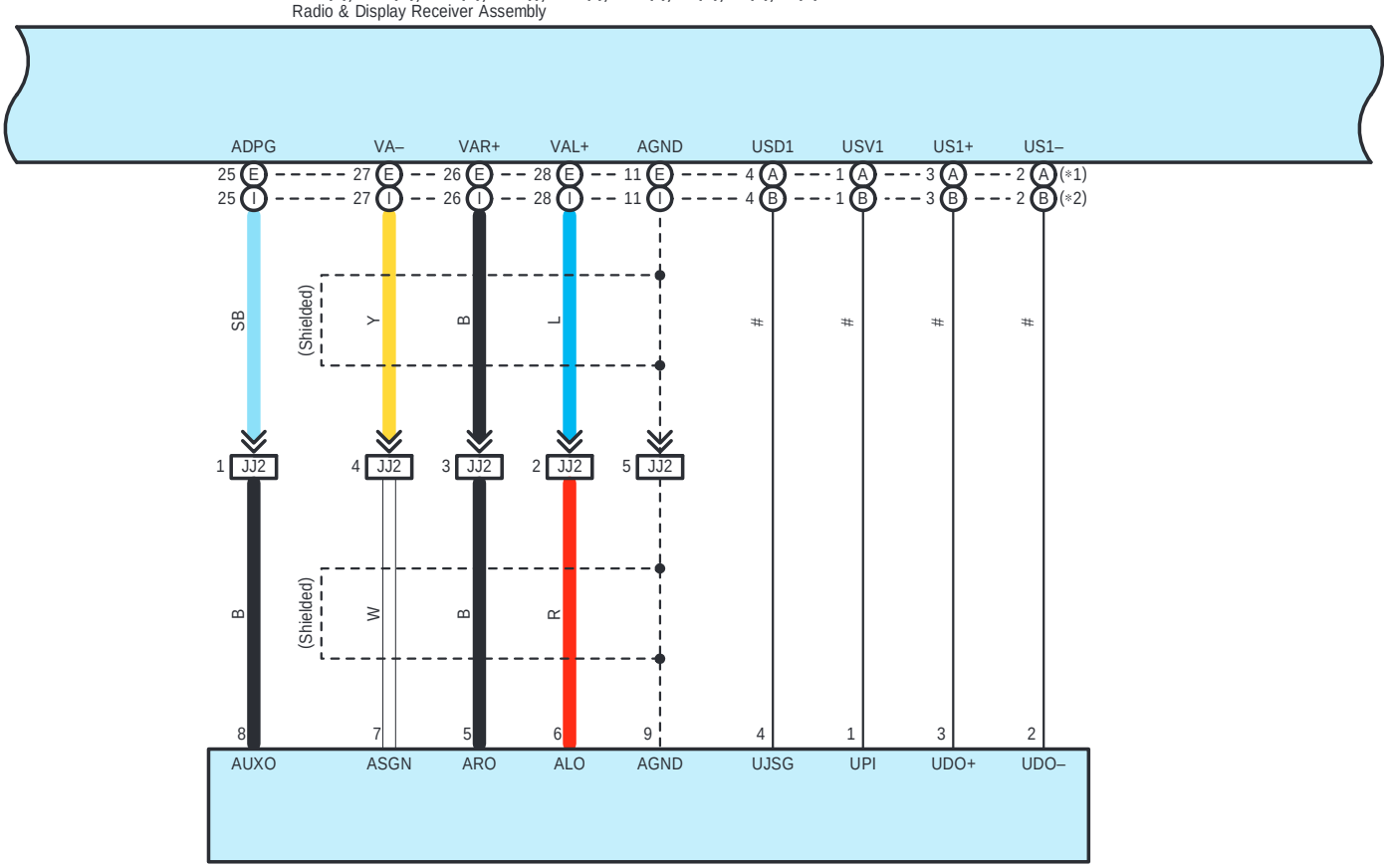
∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 4 : Floor Shift
∗ 5 : Column Shift



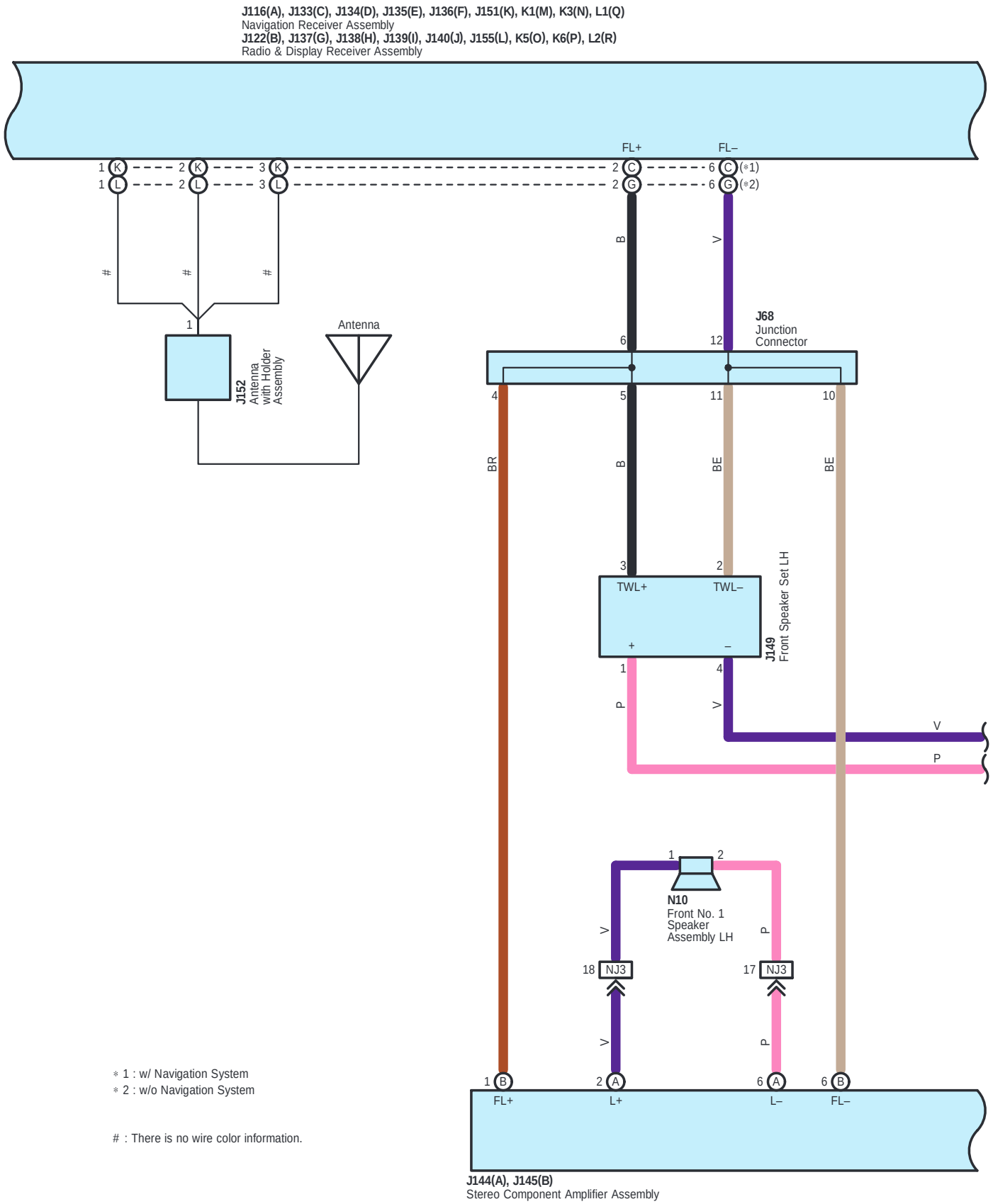
* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

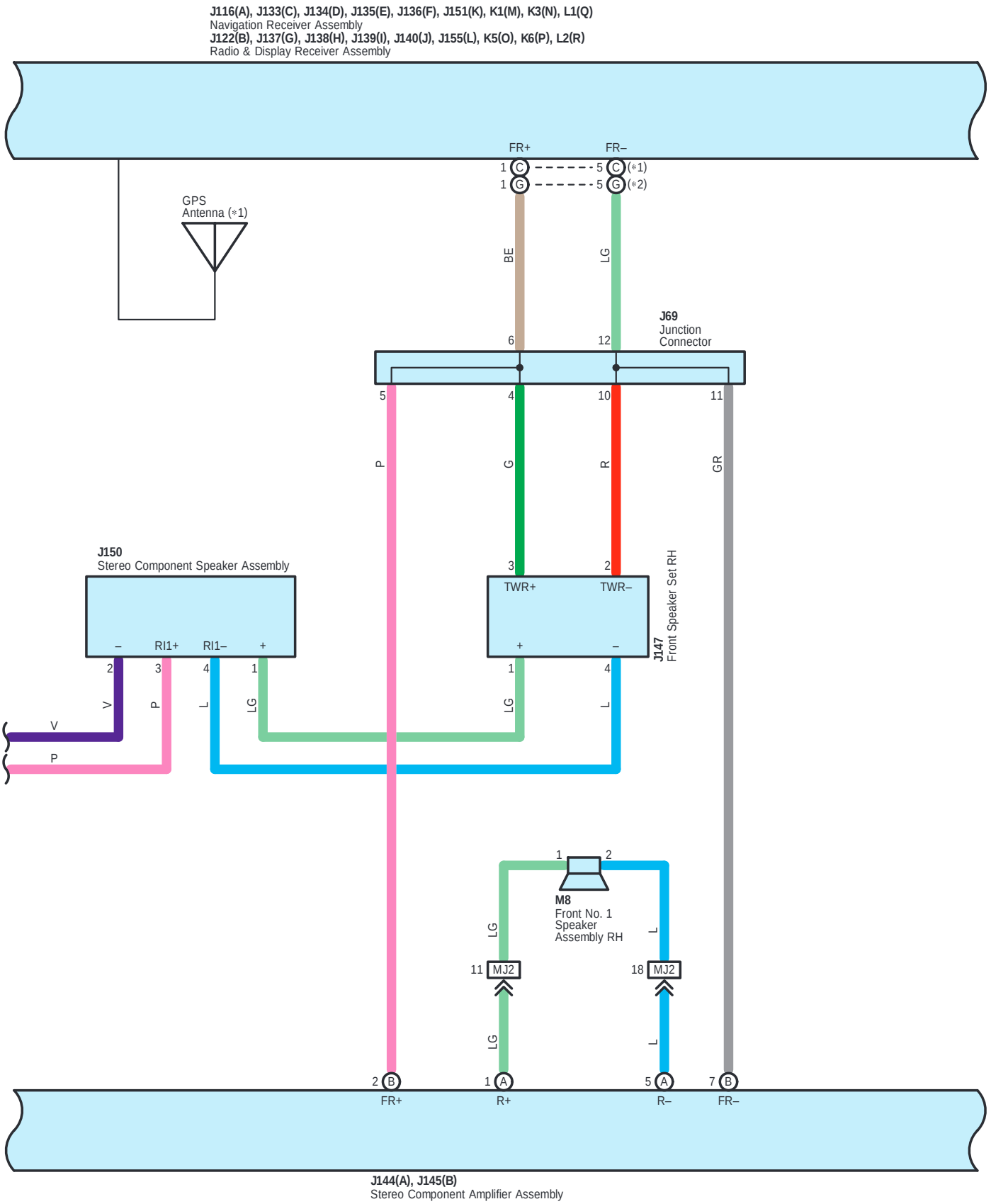


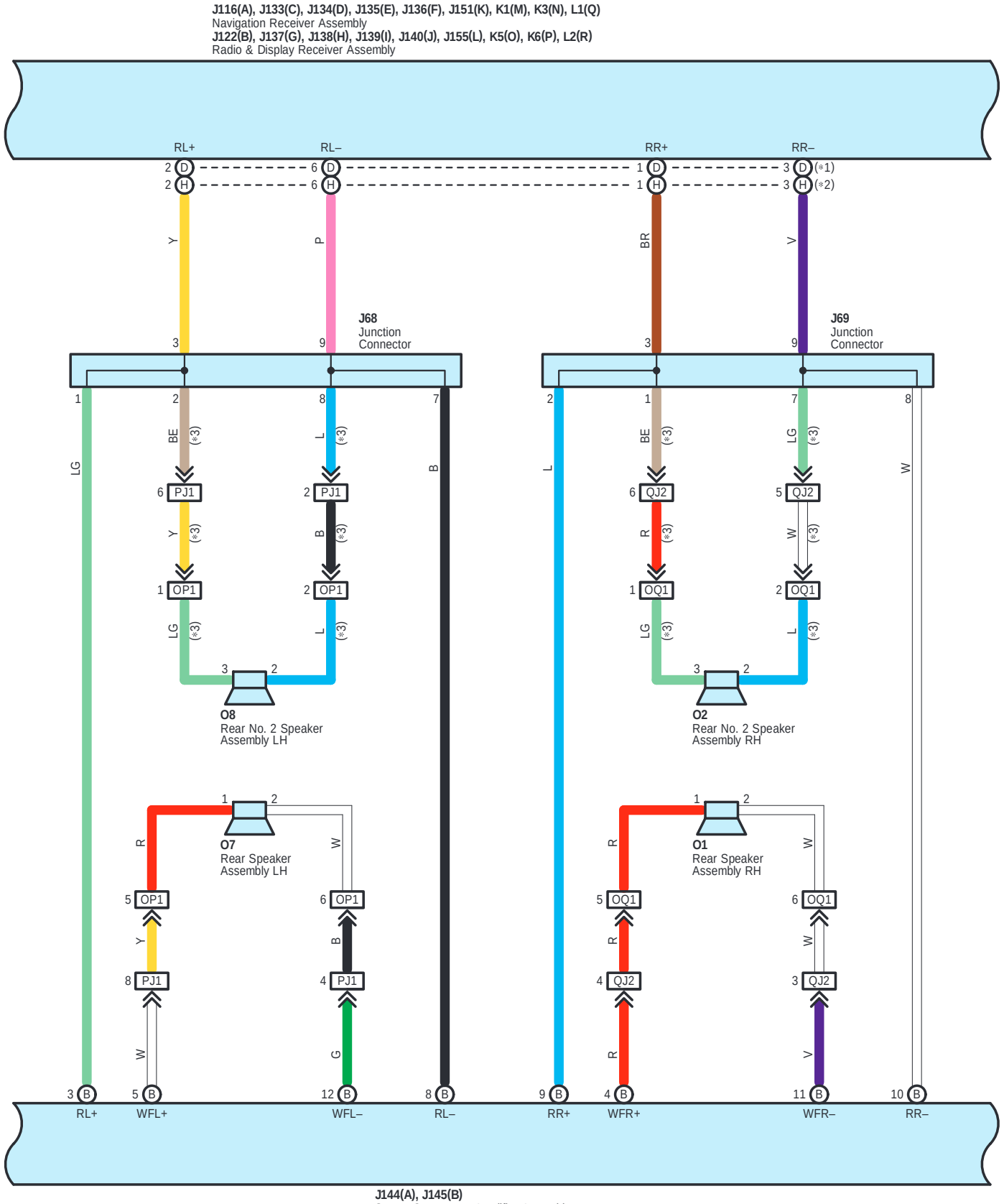
J100
Stereo Jack Adapter Assembly



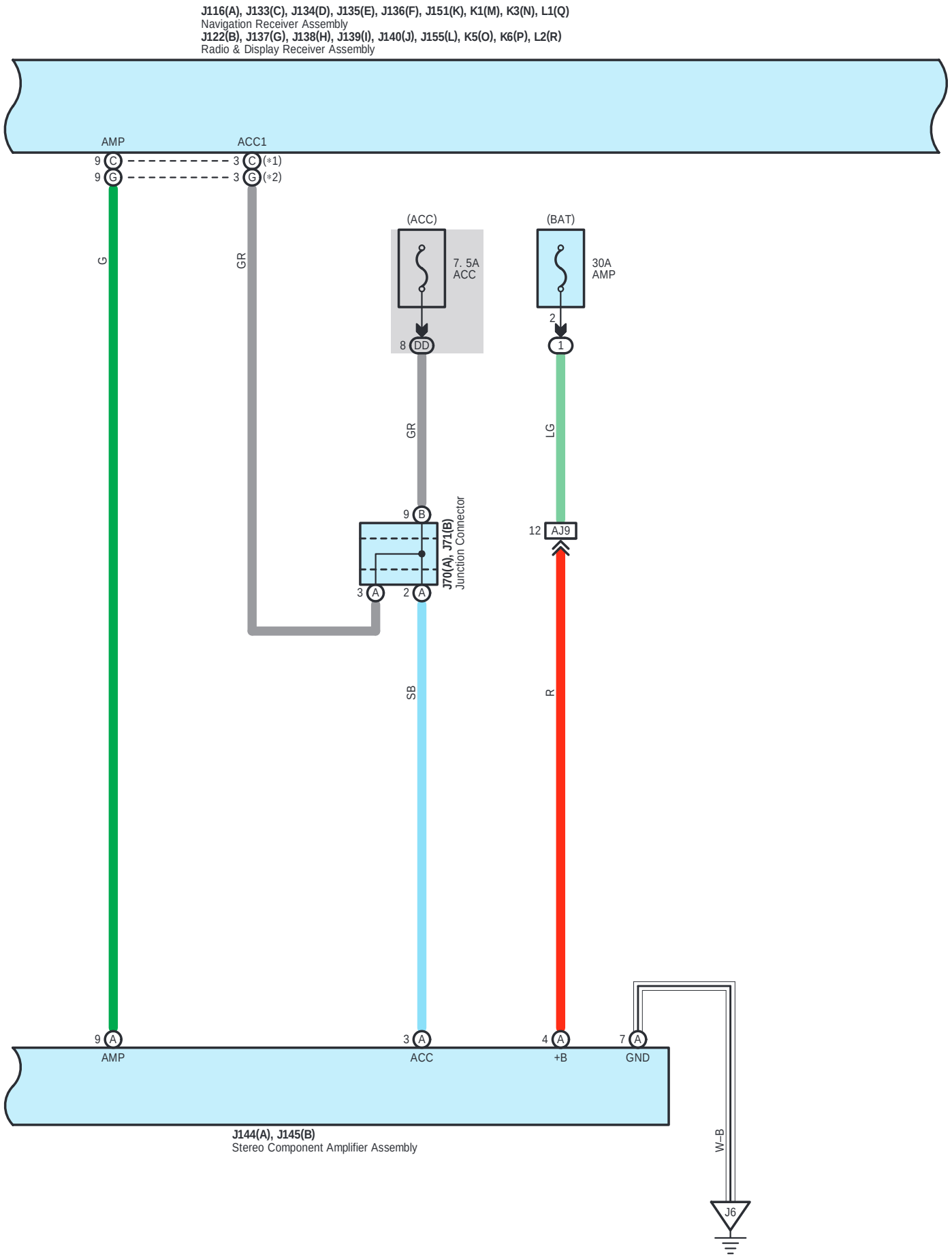
* 1 : w/ Navigation System
* 2 : w/o Navigation System

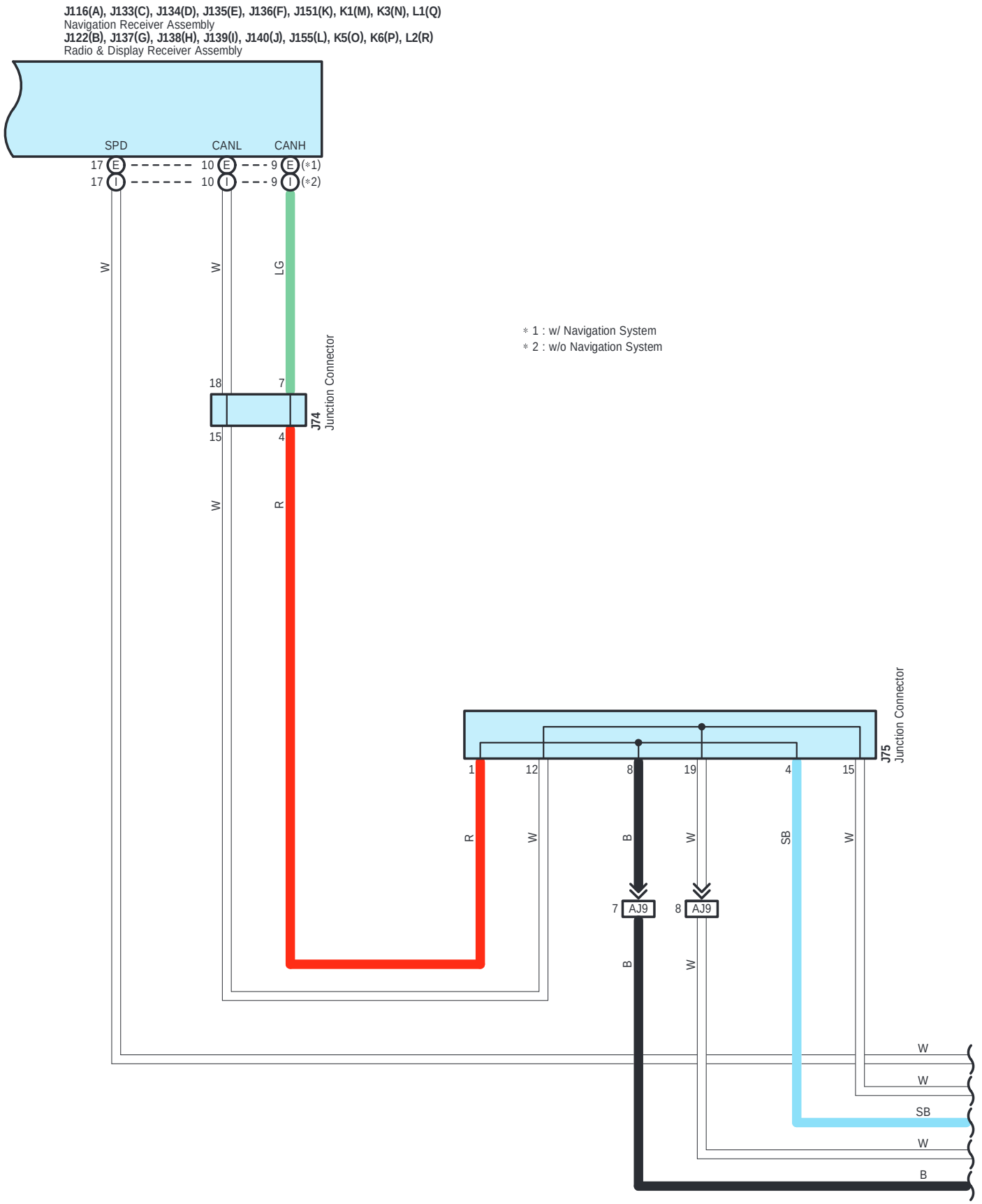
: There is no wire color information.

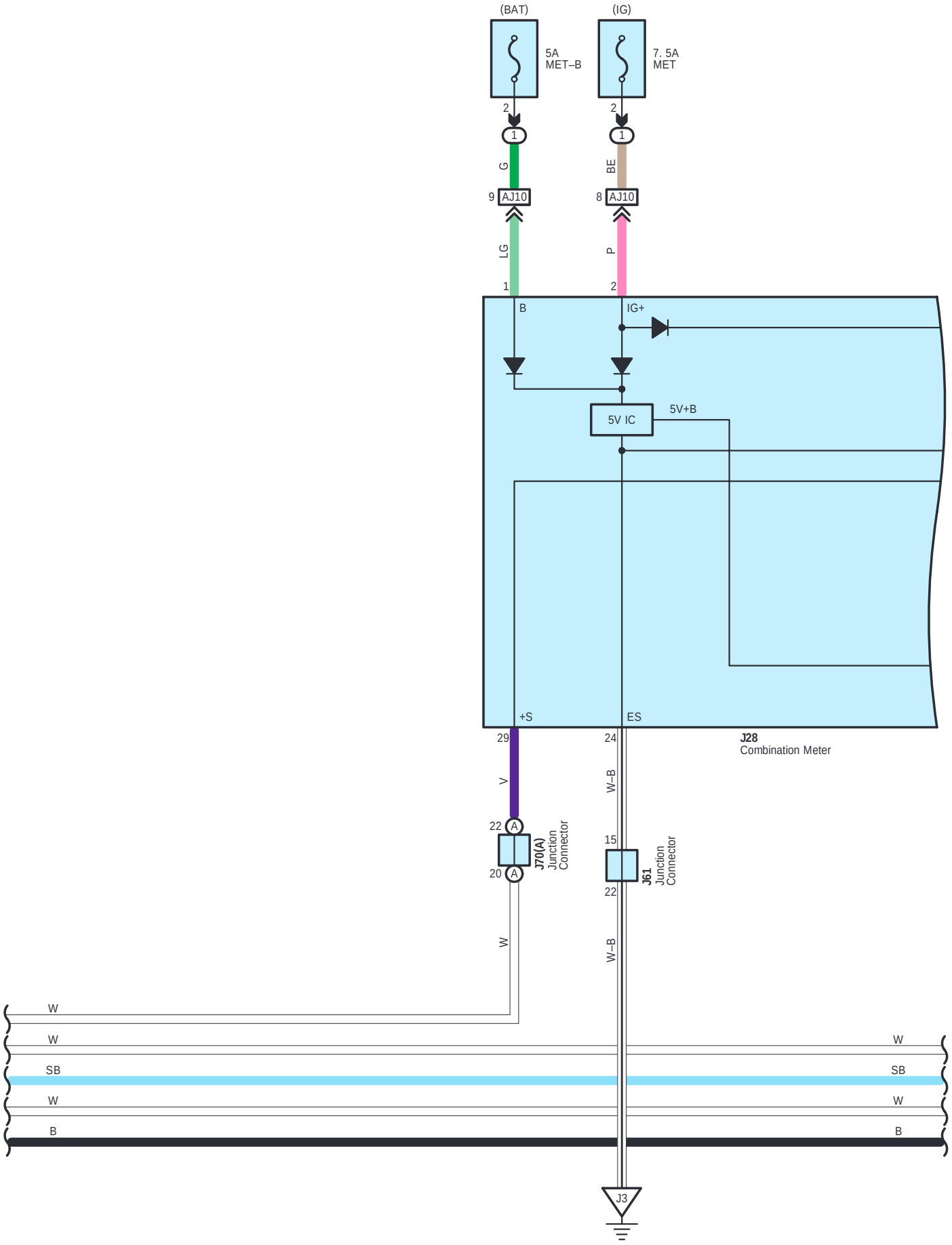

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
FR+
FR–
1 C
5 C (*1)
1 G
5 G (*2)
GPS Antenna (*1)
BE
LG
J69
Junction Connector
6
12
5
4
10
11
P
G
R
GR
J150
Stereo Component Speaker Assembly
– RI1+ RI1– +
2 3 4 1
V
P
L
LG
TWR+ TWR–
3 2
+ –
1 4
J147
Front Speaker Set RH
M8
Front No. 1 Speaker Assembly RH
1 2
11 MJ2
18 MJ2
2 B FR+
1 A R+
5 A R–
7 B FR–
J144(A), J145(B)
Stereo Component Amplifier Assembly

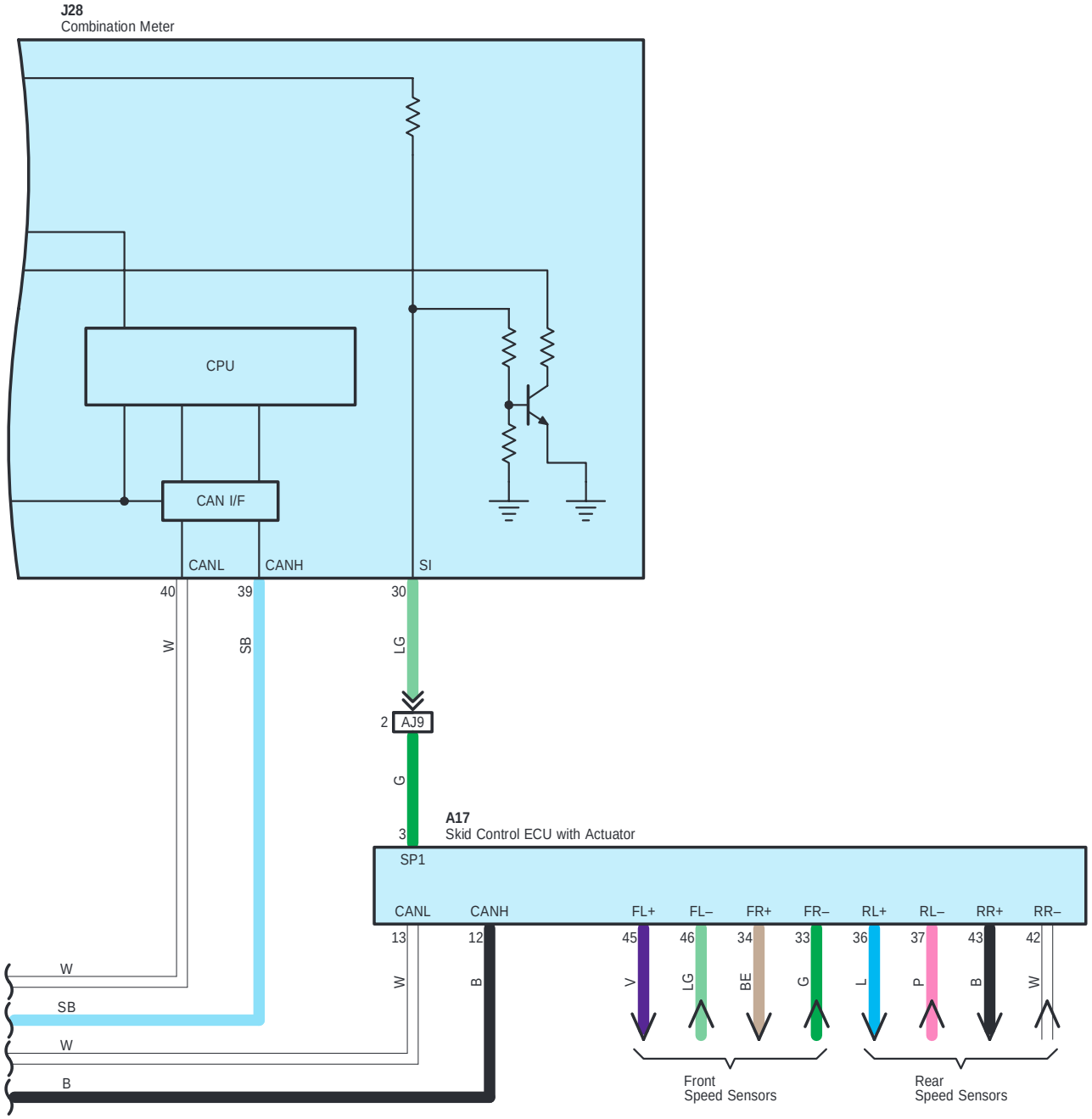


∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : 9 Speaker


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
AMP
ACC1
9 C
3 C (*1)
9 G
3 G (*2)
G
GR
(ACC)
7. 5A
ACC
8 DD
(BAT)
30A
AMP
2
1
GR
LG
9 B
J70(A), J71(B)
Junction Connector
3 A
2 A
12 AJ9
SB
R
9 A
AMP
3 A
ACC
4 A
+B
7 A
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly
W-B
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
15
4
J74
Junction Connector
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

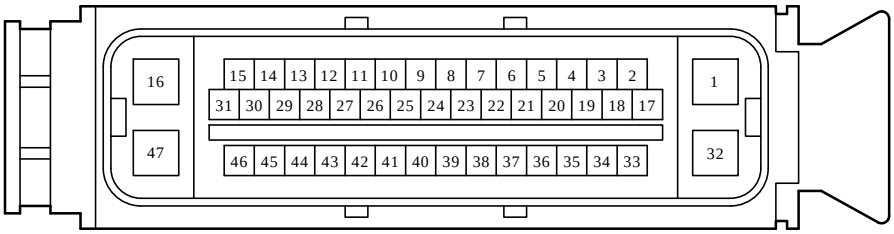

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

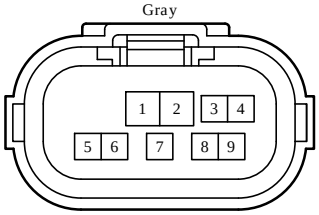
A 5
White



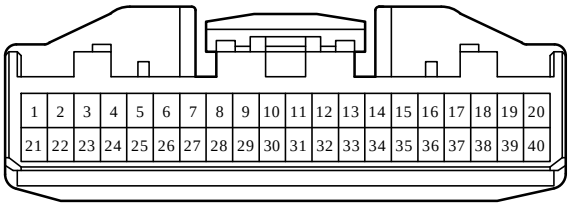
A 17
Black



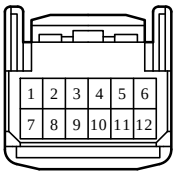
D 35
Gray



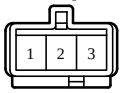
J 28
Black



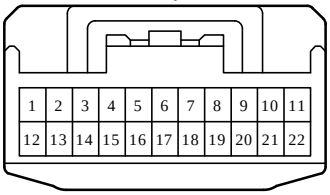
J 45
Black



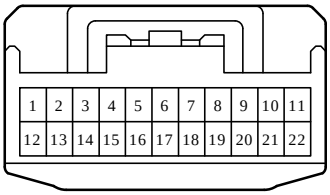
J 54
Orange



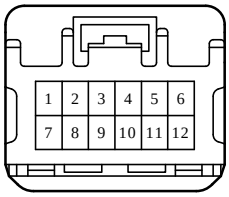
J 61
Gray



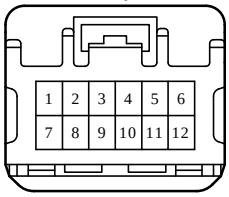
J 65
White



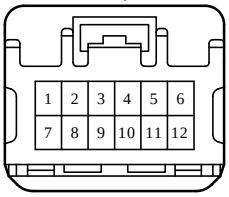
J 66
Black



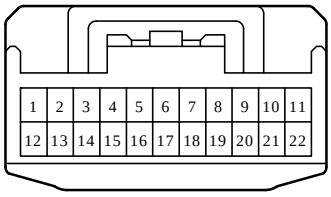
J 68
Gray



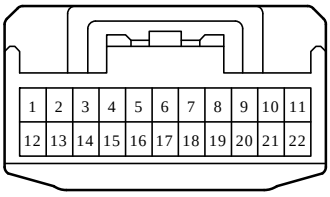
J 69
Gray



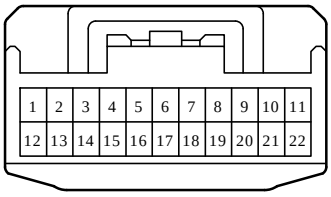
J 70
Blue



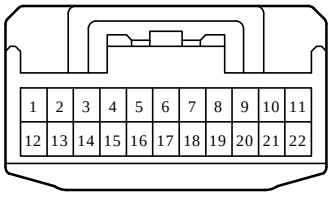
J 71
White



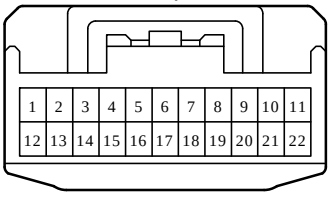
J 72
Black



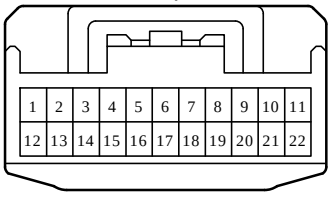
J 73
Black



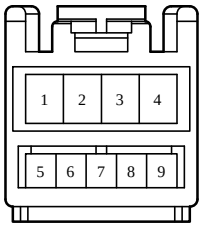
J 74
Gray



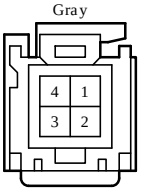
J 75
Gray



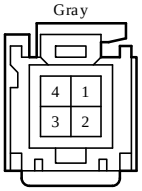
J100
Black



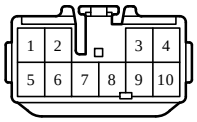
J116
Gray



J122
Gray



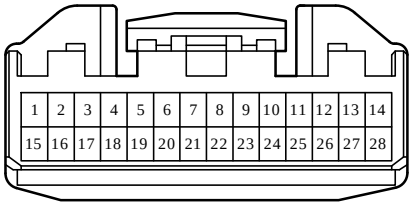
J133
White



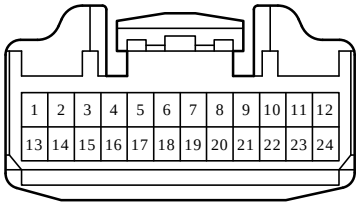
J134
White



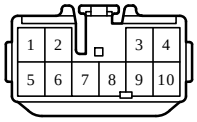
J135
White



J136
White



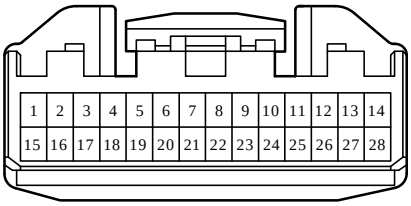
J137
White



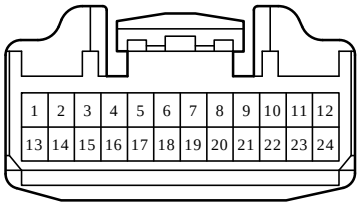
J138
White



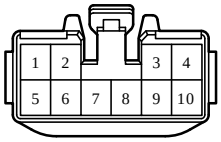
J139
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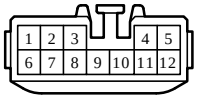
J140
White



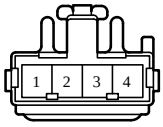
J144
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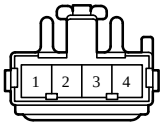
J145
White



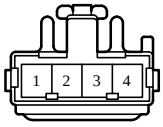
J147
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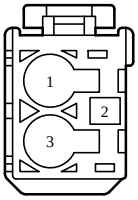
J149
Black



J150
White



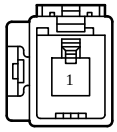
J151
White



J152
Gray



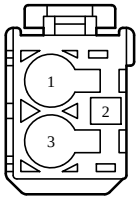
J153
Blue



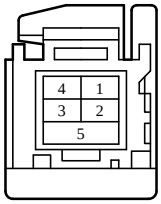
J154
Black



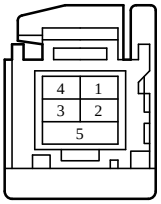
J155
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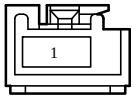
K 1
Brown



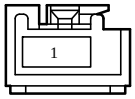
K 2
Brown



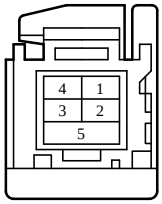
K 3
White



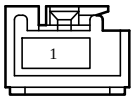
K 4
White



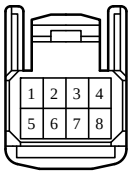
K 5
Brown



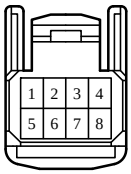
K 6
White



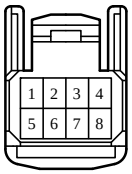
L 1
White



L 2
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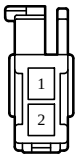
L 3
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M 8
White



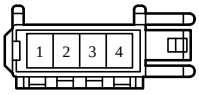
N 10
White



O 1
White



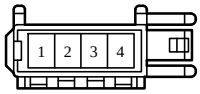
O 2
White



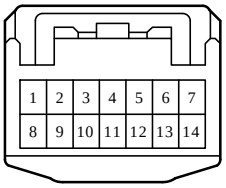
O 7
White



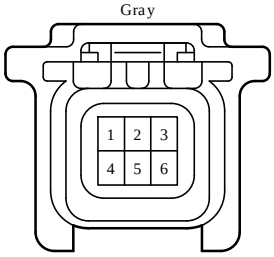
O 8
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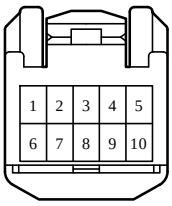
W 7
White



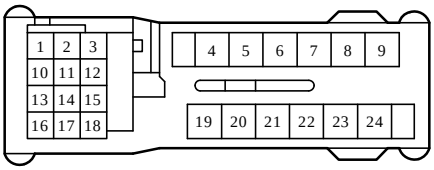
X 1
Gray



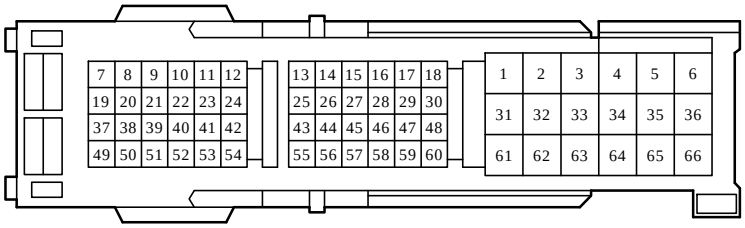
z 3
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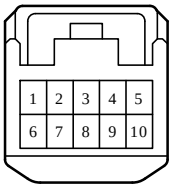
DB
White



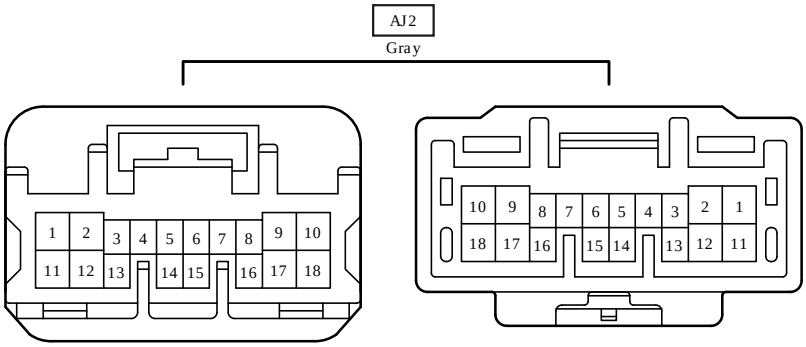
DD
White



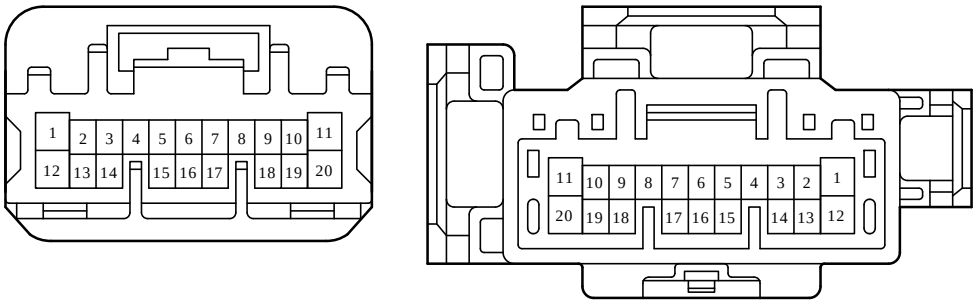
DE
White



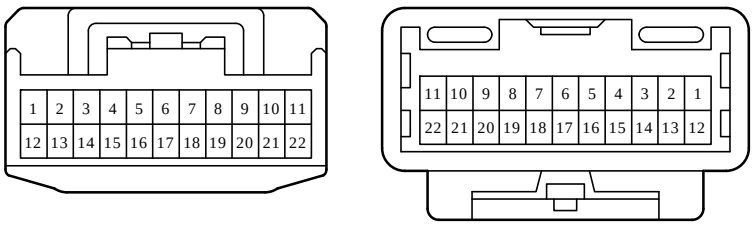
AJ2
Gray



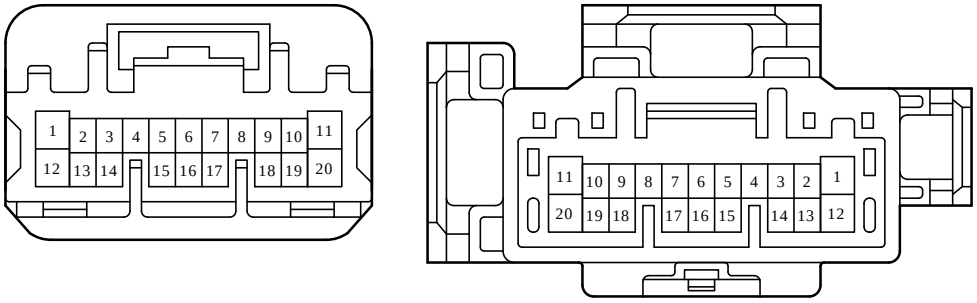
AJ4
White



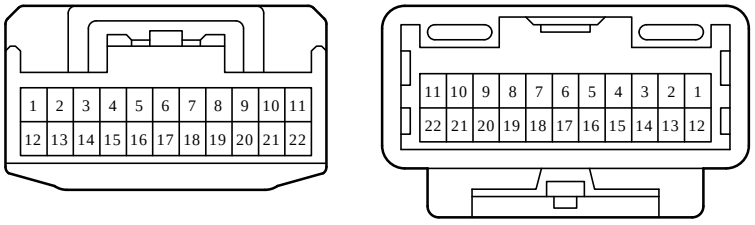
AJ5
Gray



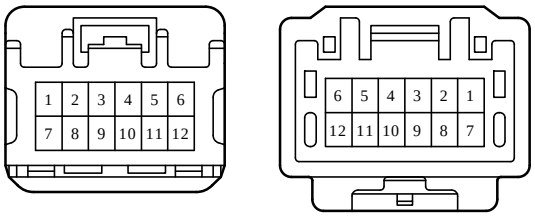
AJ9
White



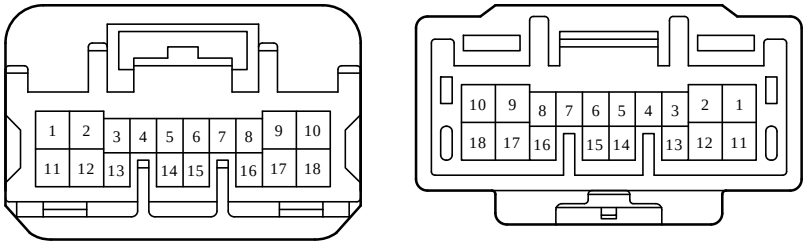
AJ10
Gray



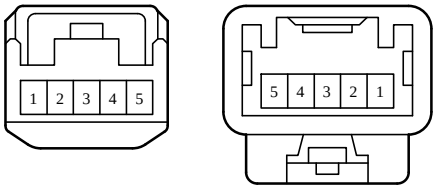
AJ11
Gray



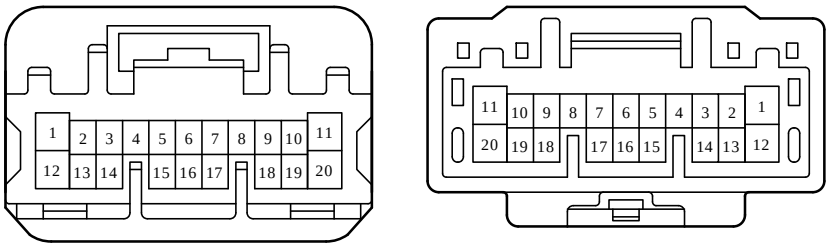
DA4
Gray



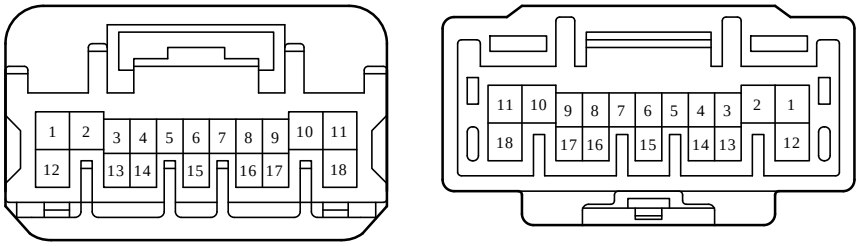
JJ2
White



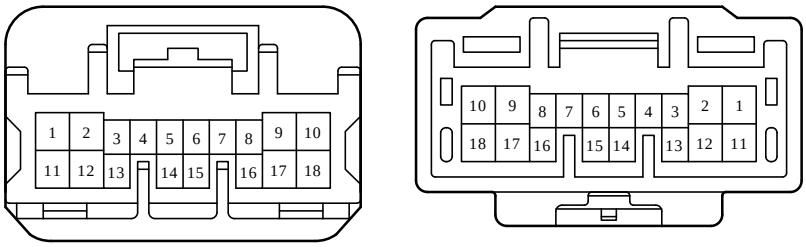
JW1
White



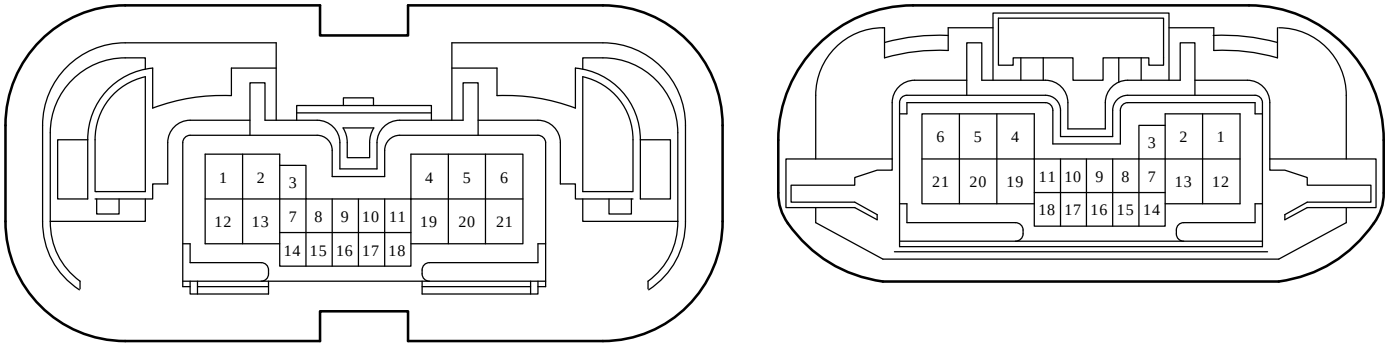
MJ2
Blue



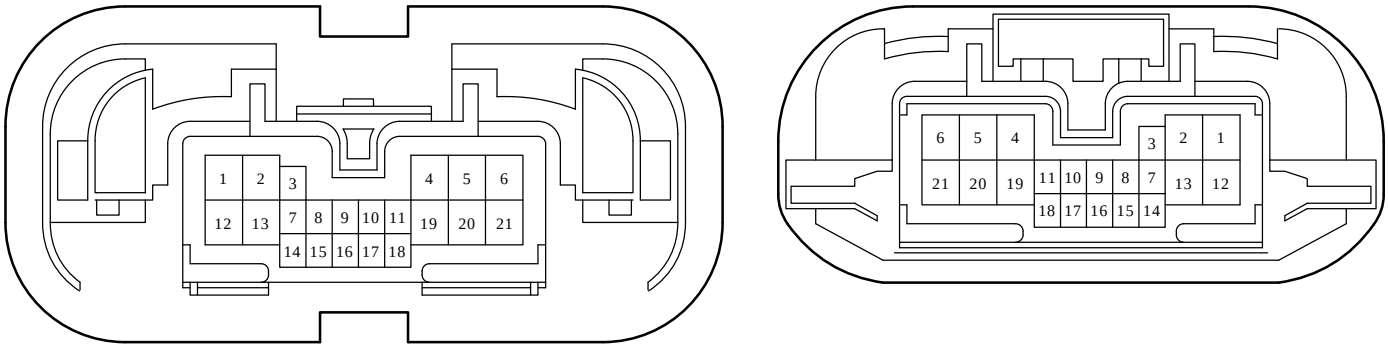
NJ3
Blue



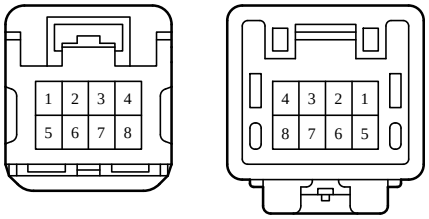
OP1
White



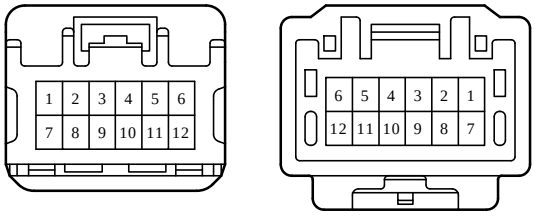
OQ1
White

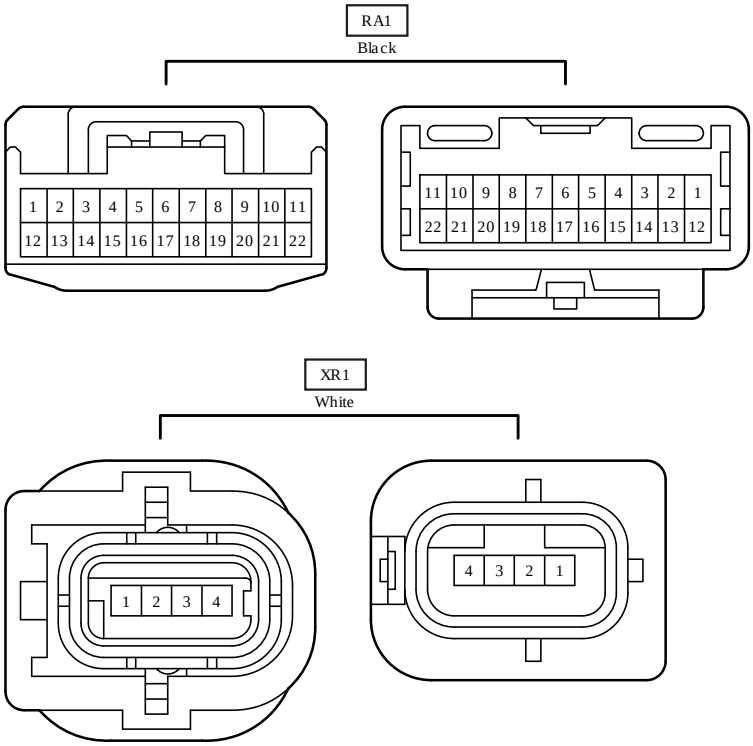


PJ1
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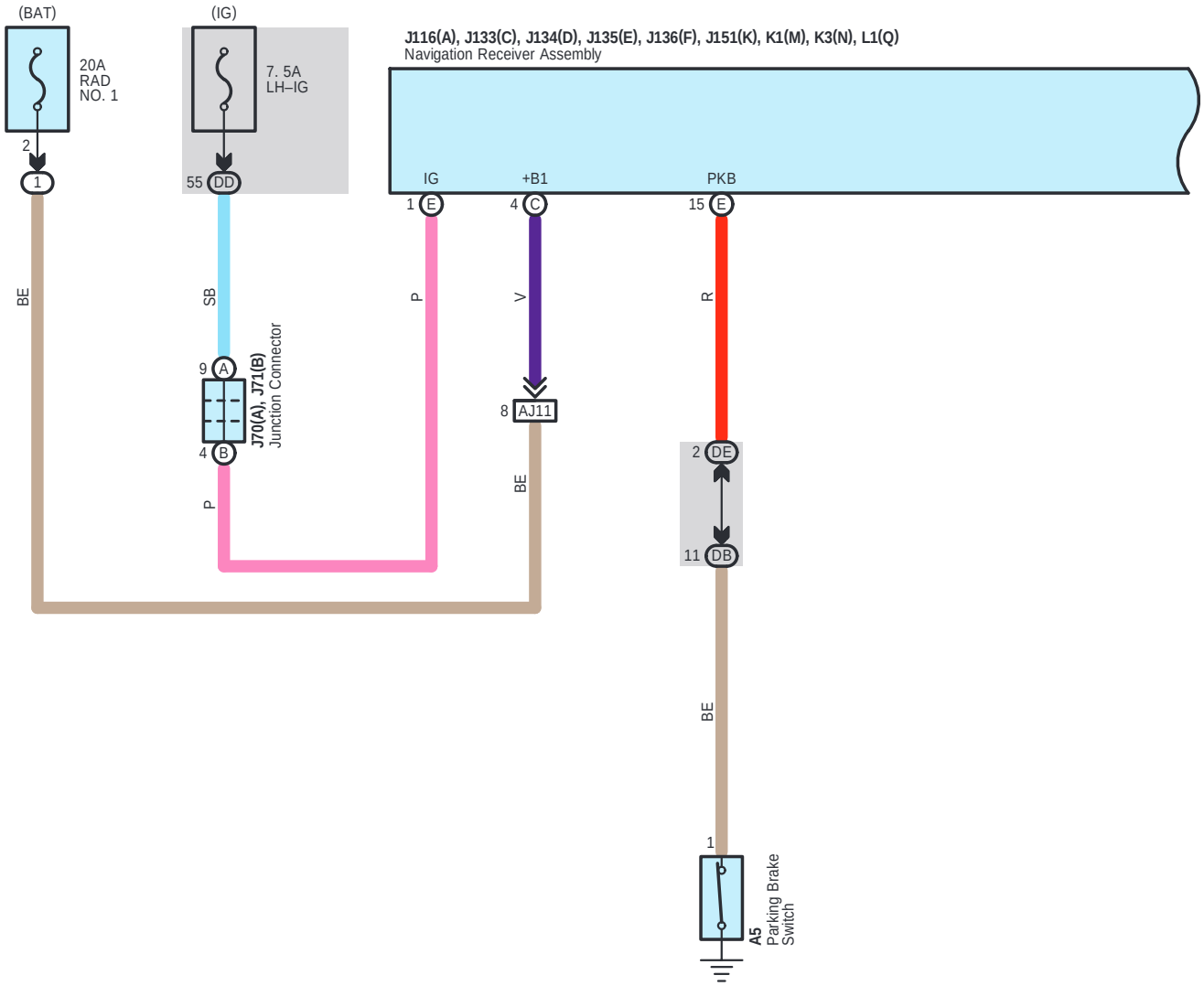


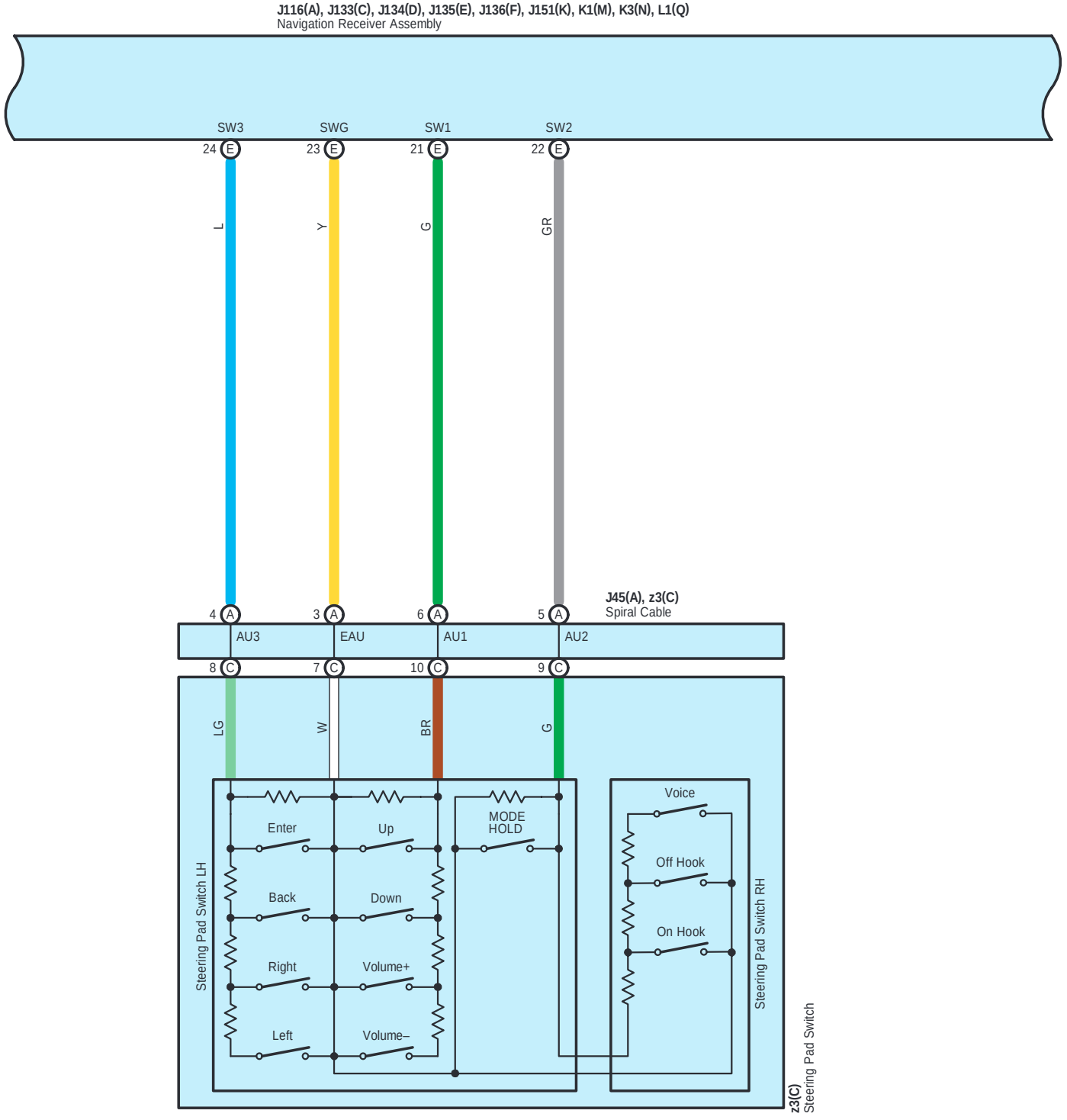
QJ2
Black

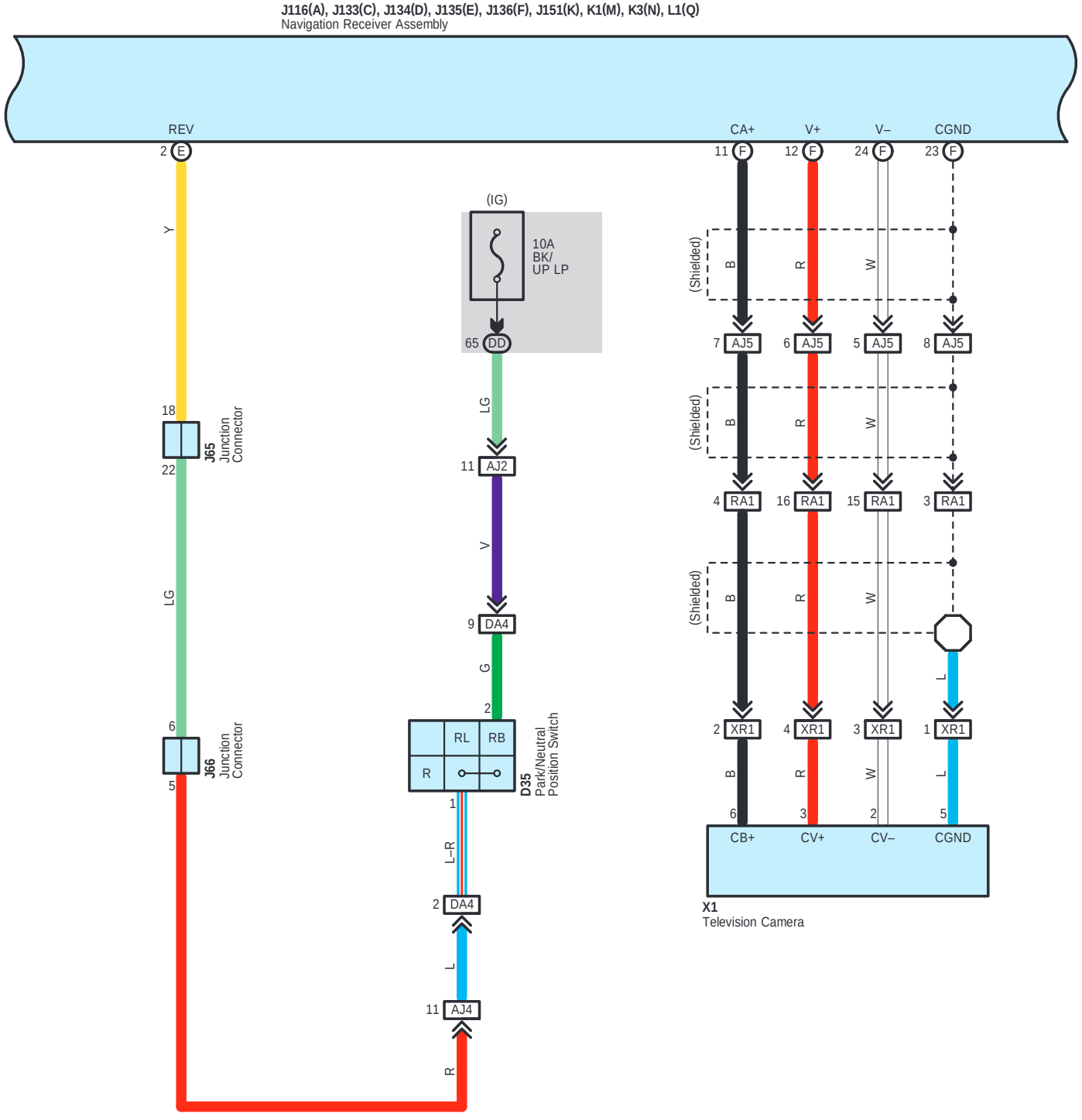


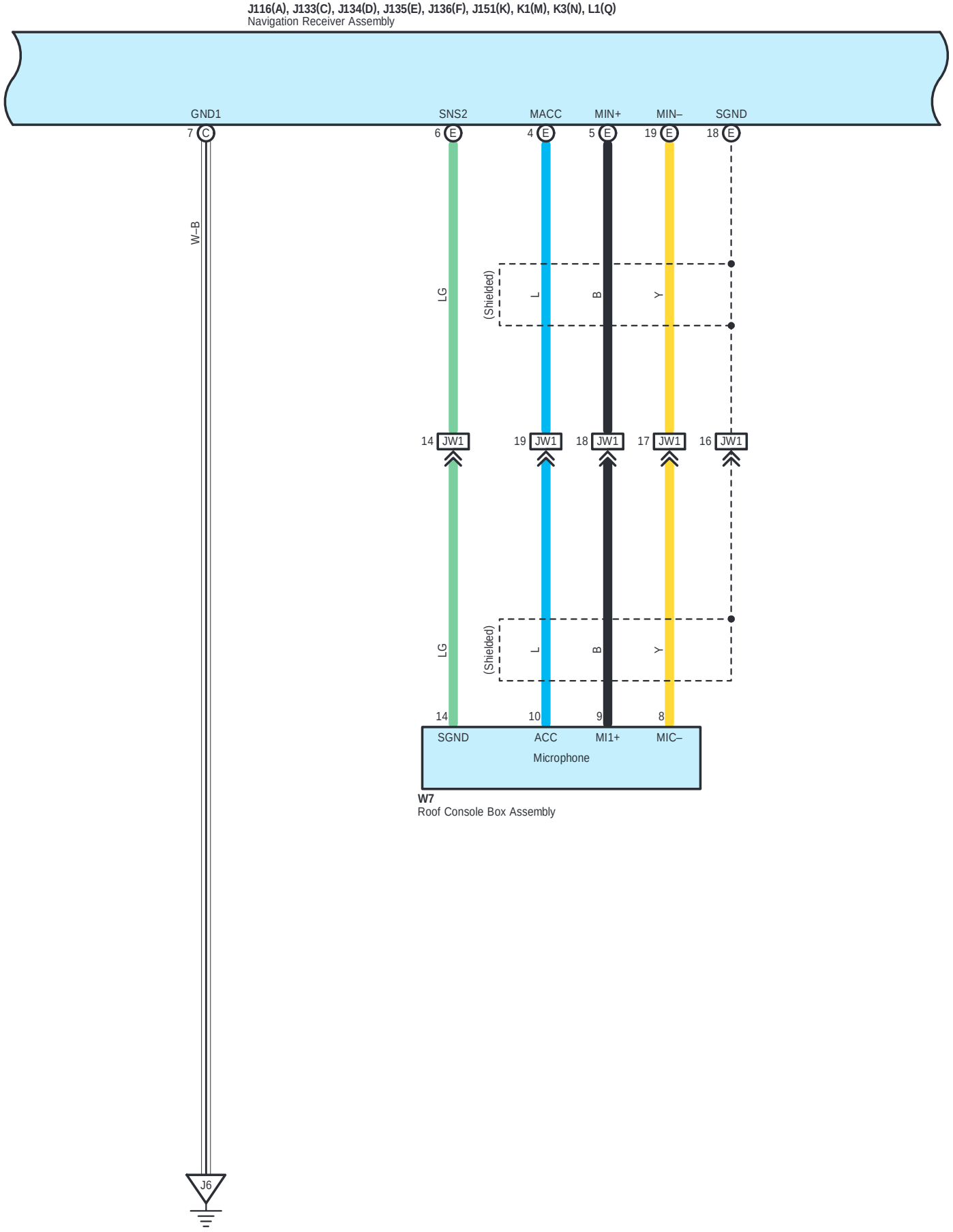

RA1
Black
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

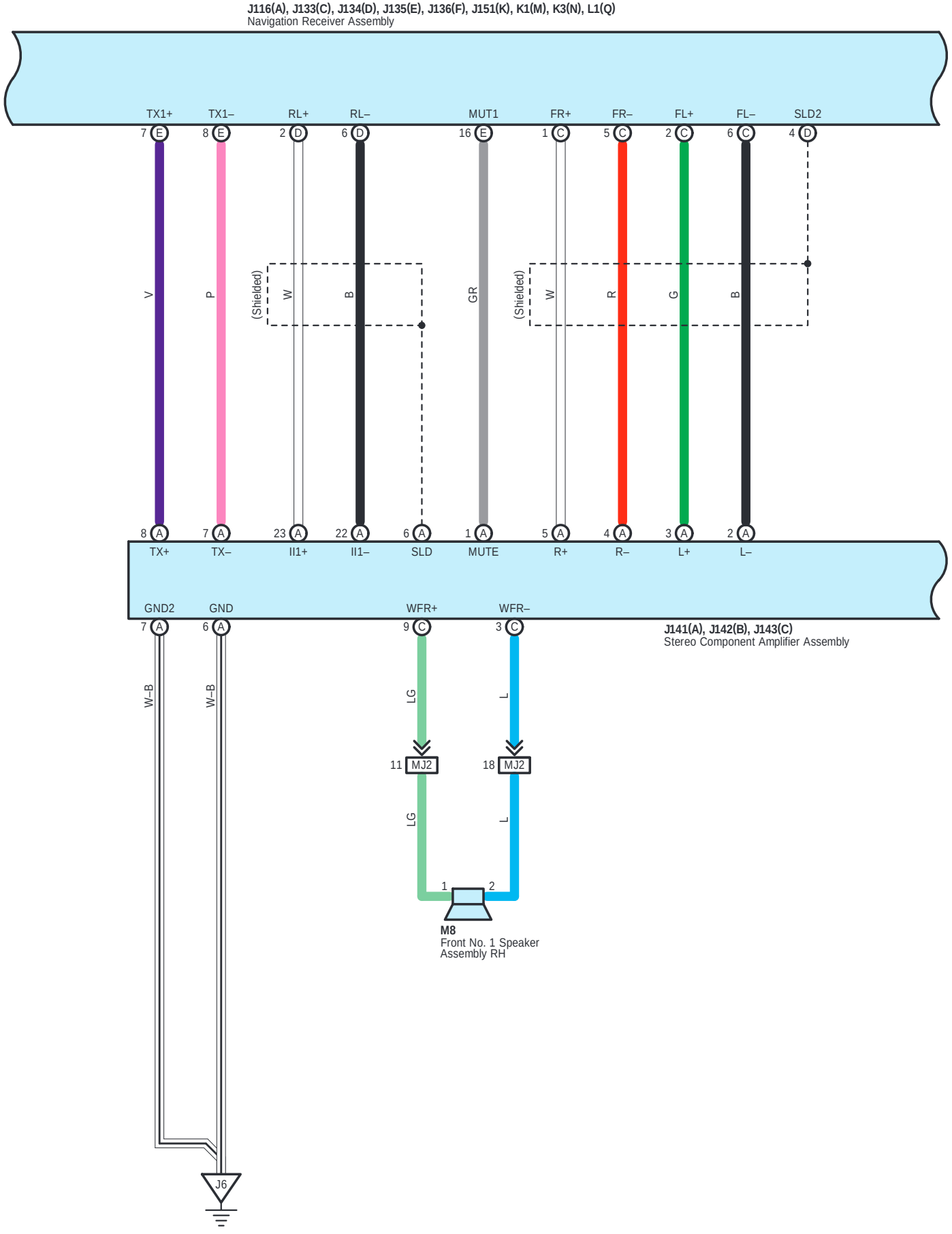
XR1
White
1 2 3 4
4 3 2 1

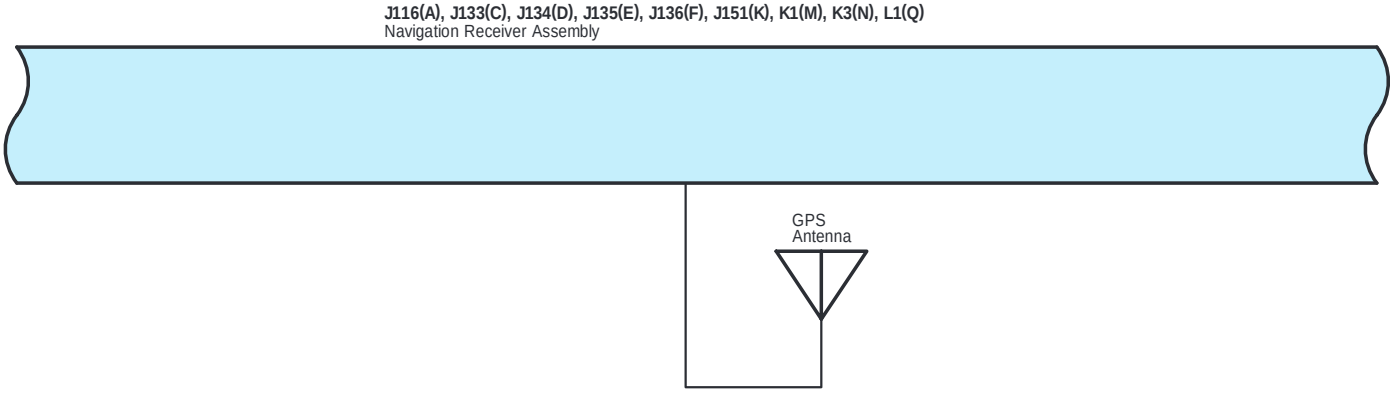

(BAT)
20A
RAD
NO. 1
2
1
BE
(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
IG
1 E
P
+B1
4 C
V
8 AJ11
BE
PKB
15 E
R
2 DE
11 DB
BE
1
A5
Parking Brake
Switch

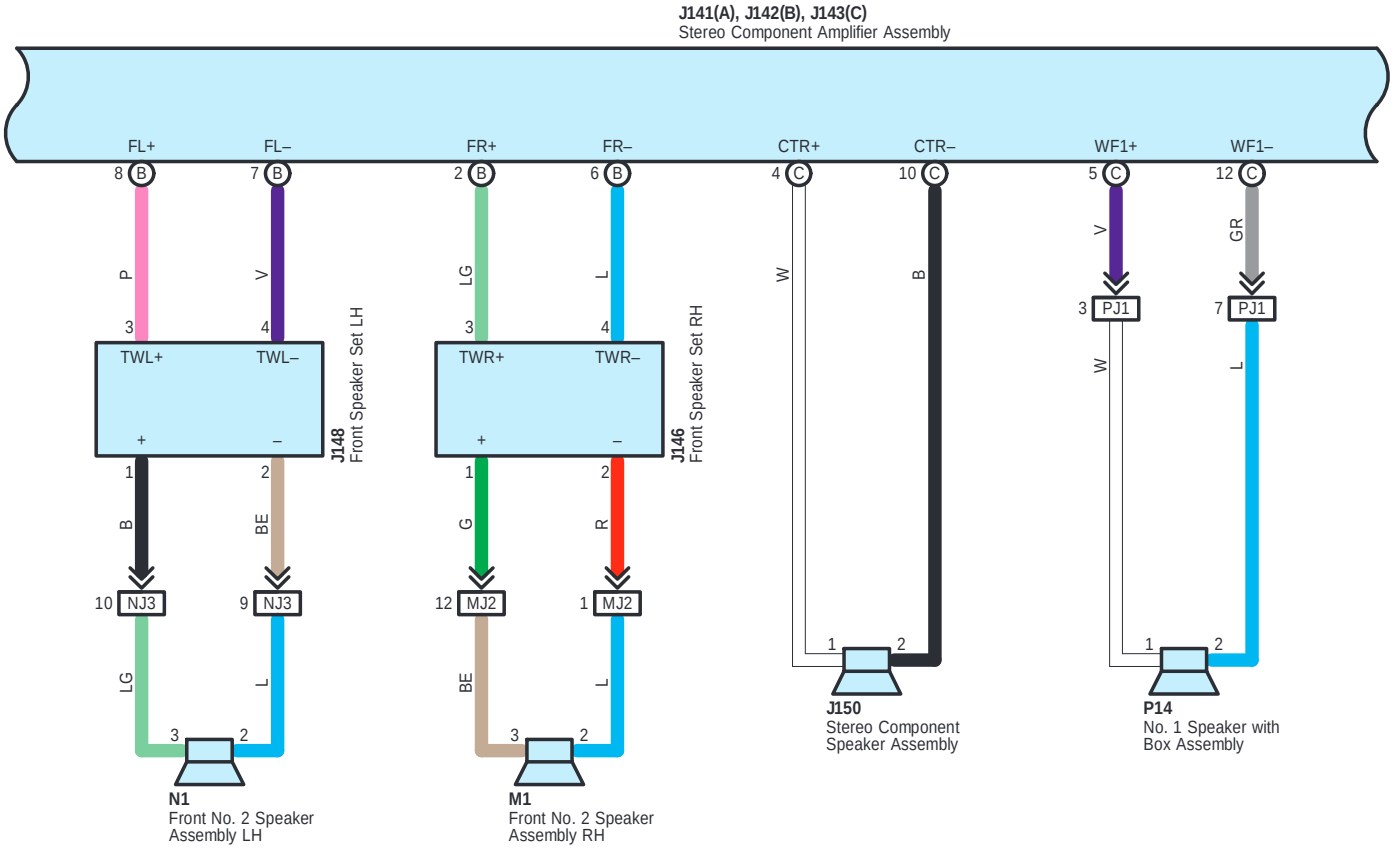

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SW3
SWG
SW1
SW2
24 E
23 E
21 E
22 E
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch

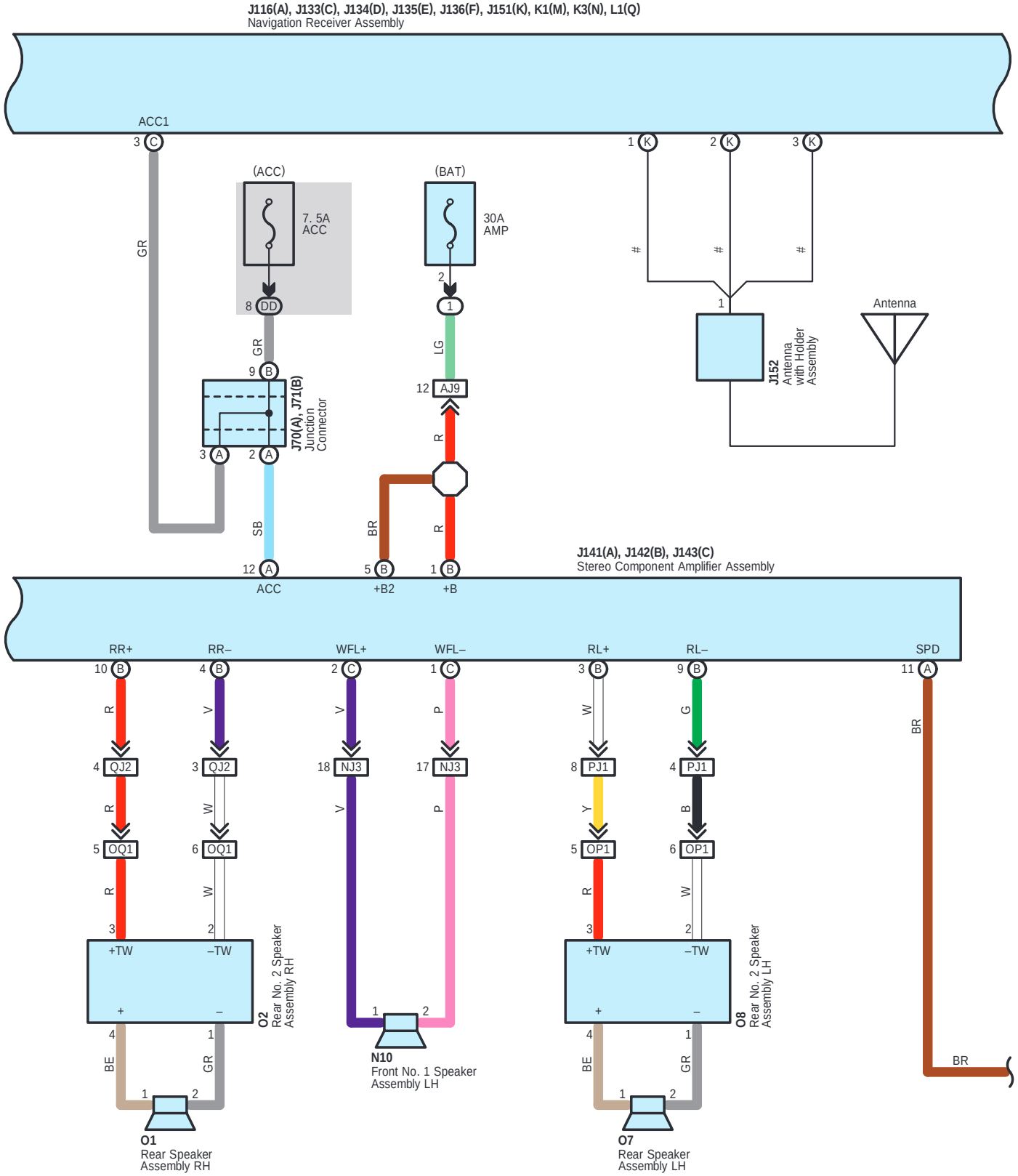

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
REV
2 E
Y
18
J65 Junction Connector
22
LG
6
J66 Junction Connector
5
(IG)
10A BK/ UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
L–R
2 DA4
L
11 AJ4
R
CA+
V+
V–
CGND
11 F
12 F
24 F
23 F
(Shielded)
B
R
W
7 AJ5
6 AJ5
5 AJ5
8 AJ5
4 RA1
16 RA1
15 RA1
3 RA1
L
2 XR1
4 XR1
3 XR1
1 XR1
6
3
2
5
CB+
CV+
CV–
CGND
X1
Television Camera

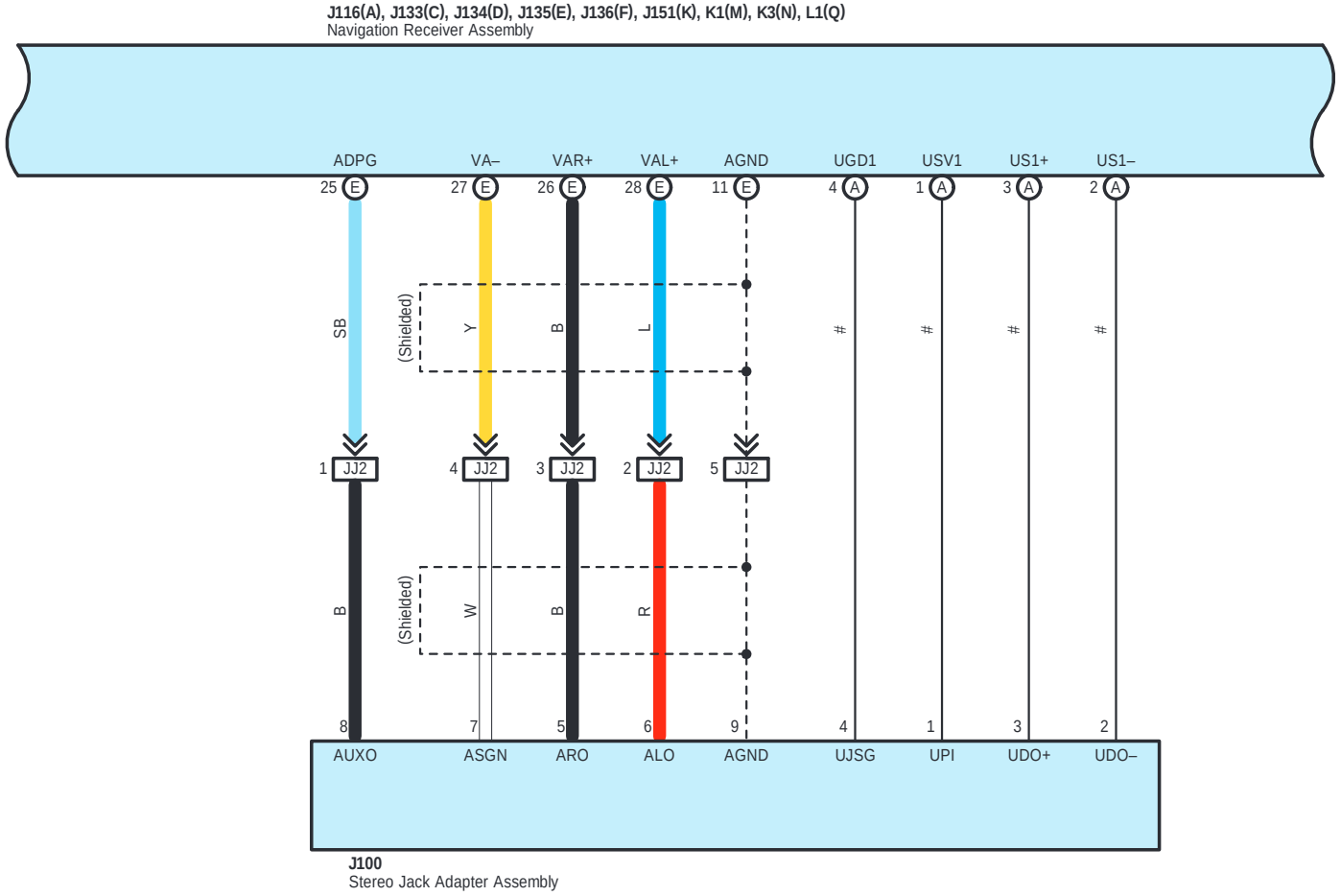

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 C
6 E
4 E
5 E
19 E
18 E
W–B
LG
(Shielded)
L
B
Y
14 JW1
19 JW1
18 JW1
17 JW1
16 JW1
LG
(Shielded)
L
B
Y
14
10
9
8
SGND
ACC
MI1+
MIC–
Microphone
W7
Roof Console Box Assembly
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
TX1+
TX1–
RL+
RL–
MUT1
FR+
FR–
FL+
FL–
SLD2
7 E
8 E
2 D
6 D
16 E
1 C
5 C
2 C
6 C
4 D
V
P
(Shielded)
W
B
GR
(Shielded)
W
R
G
B
8 A
7 A
23 A
22 A
6 A
1 A
5 A
4 A
3 A
2 A
TX+
TX–
II1+
II1–
SLD
MUTE
R+
R–
L+
L–
GND2
GND
WFR+
WFR–
7 A
6 A
9 C
3 C
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
W–B
W–B
LG
L
11 MJ2
18 MJ2
LG
L
1
2
M8
Front No. 1 Speaker
Assembly RH
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GPS
Antenna

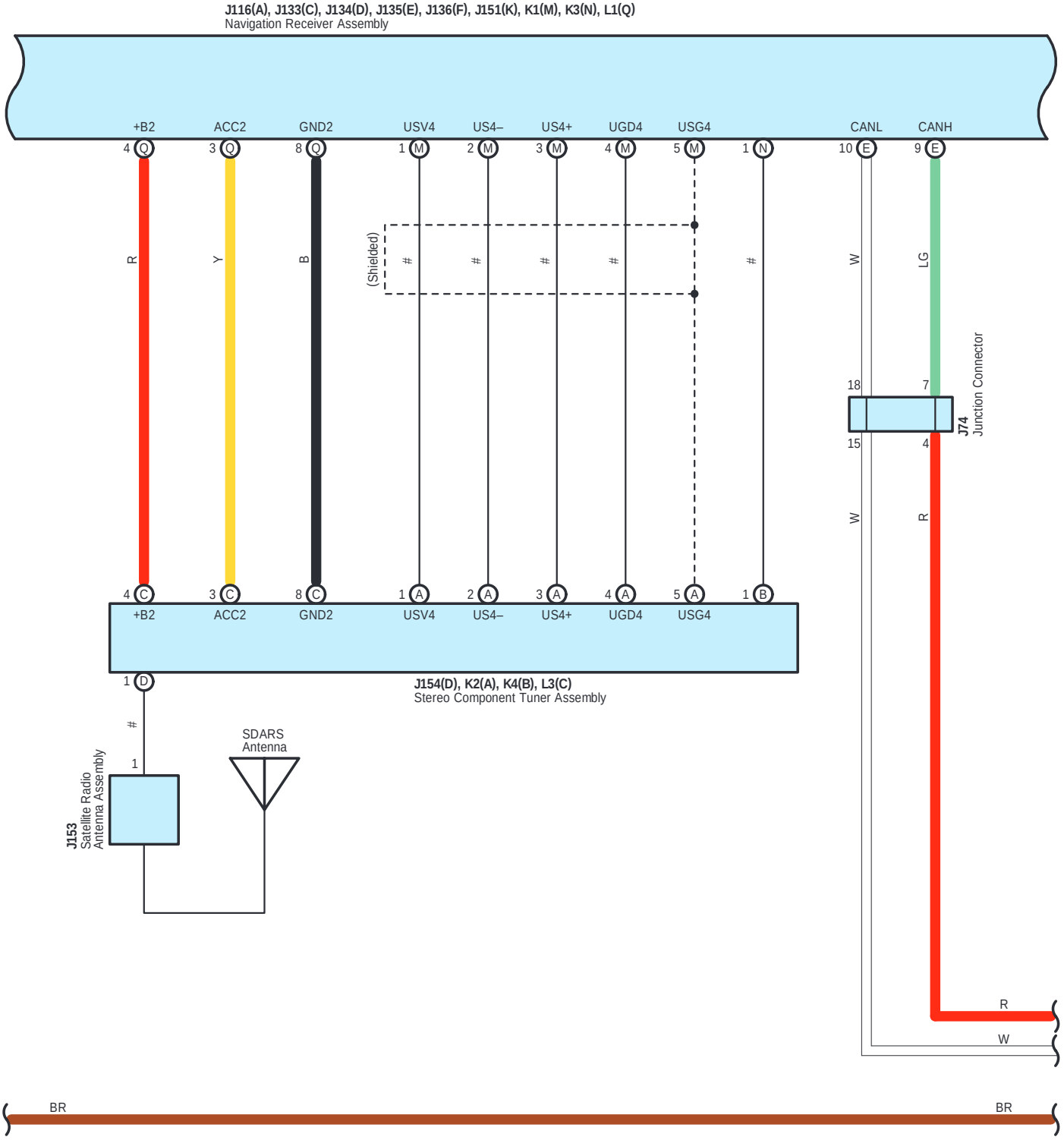

J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
FL+
FL–
FR+
FR–
CTR+
CTR–
WF1+
WF1–
TWL+
TWL–
TWR+
TWR–
J148
Front Speaker Set LH
J146
Front Speaker Set RH
NJ3
MJ2
PJ1
N1
Front No. 2 Speaker Assembly LH
M1
Front No. 2 Speaker Assembly RH
J150
Stereo Component Speaker Assembly
P14
No. 1 Speaker with Box Assembly


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
ACC1
3 C
GR
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction
Connector
3 A
2 A
SB
12 A
ACC
(BAT)
30A
AMP
2
1
LG
12 AJ9
R
BR
R
5 B
+B2
1 B
+B
1 K
2 K
3 K
#
#
#
1
J152
Antenna
with Holder
Assembly
Antenna
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
RR+
RR–
WFL+
WFL–
RL+
RL–
SPD
10 B
4 B
2 C
1 C
3 B
9 B
11 A
R
V
V
P
W
G
BR
4 QJ2
3 QJ2
18 NJ3
17 NJ3
8 PJ1
4 PJ1
R
W
V
P
Y
B
5 OQ1
6 OQ1
5 OP1
6 OP1
R
W
R
W
3
2
3
2
+TW
–TW
+TW
–TW
+
–
+
–
O2
Rear No. 2 Speaker
Assembly RH
O8
Rear No. 2 Speaker
Assembly LH
4
1
1
2
4
1
1
2
BE
GR
BE
GR
1
2
1
2
O1
Rear Speaker
Assembly RH
N10
Front No. 1 Speaker
Assembly LH
O7
Rear Speaker
Assembly LH
BR

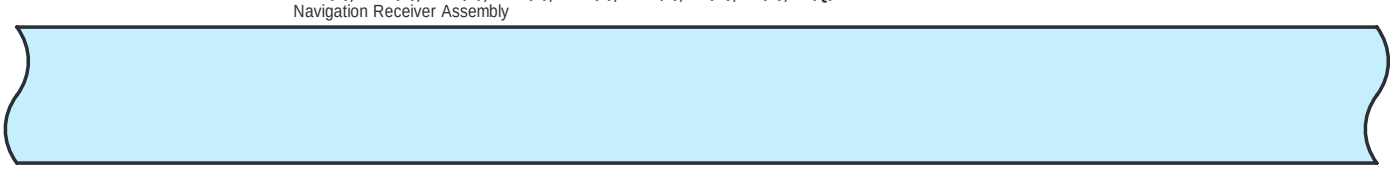




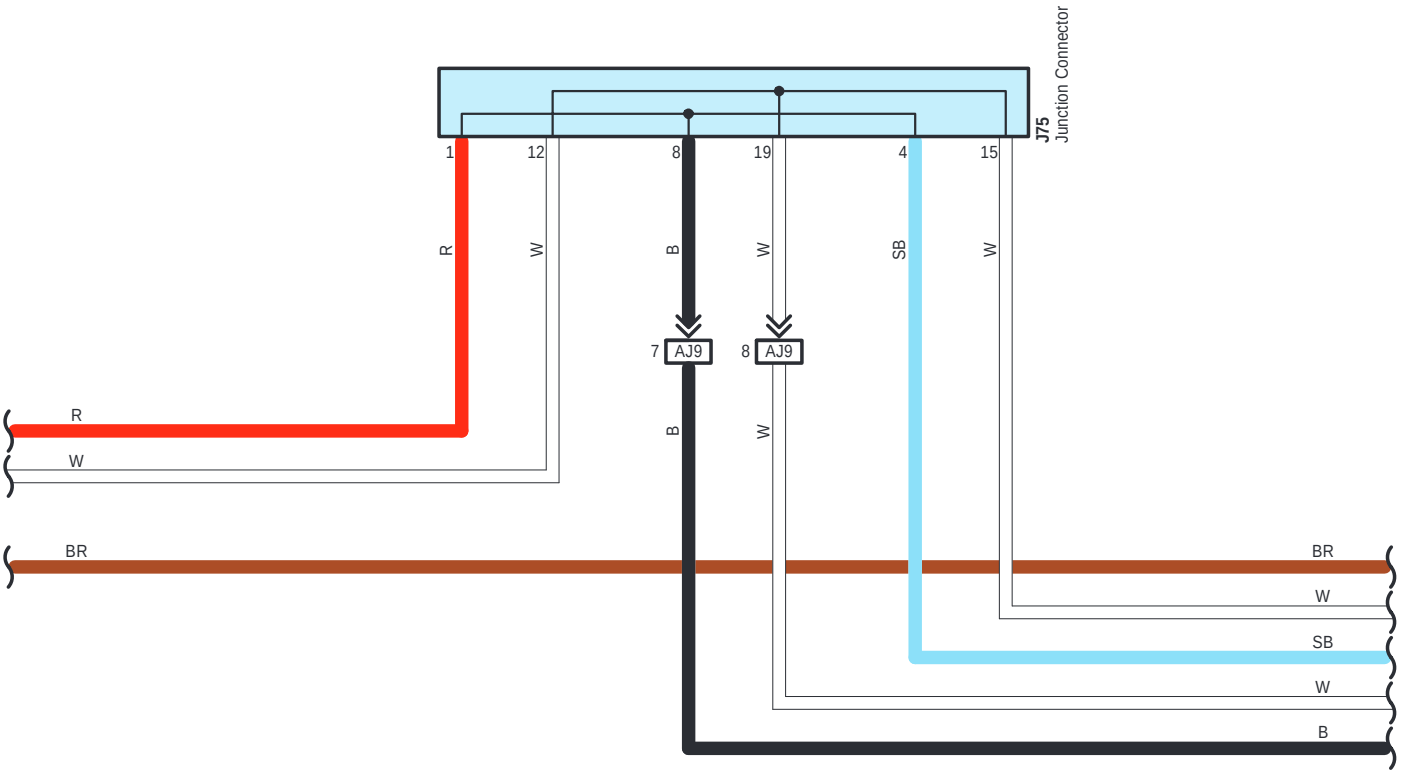
: There is no wire color information.

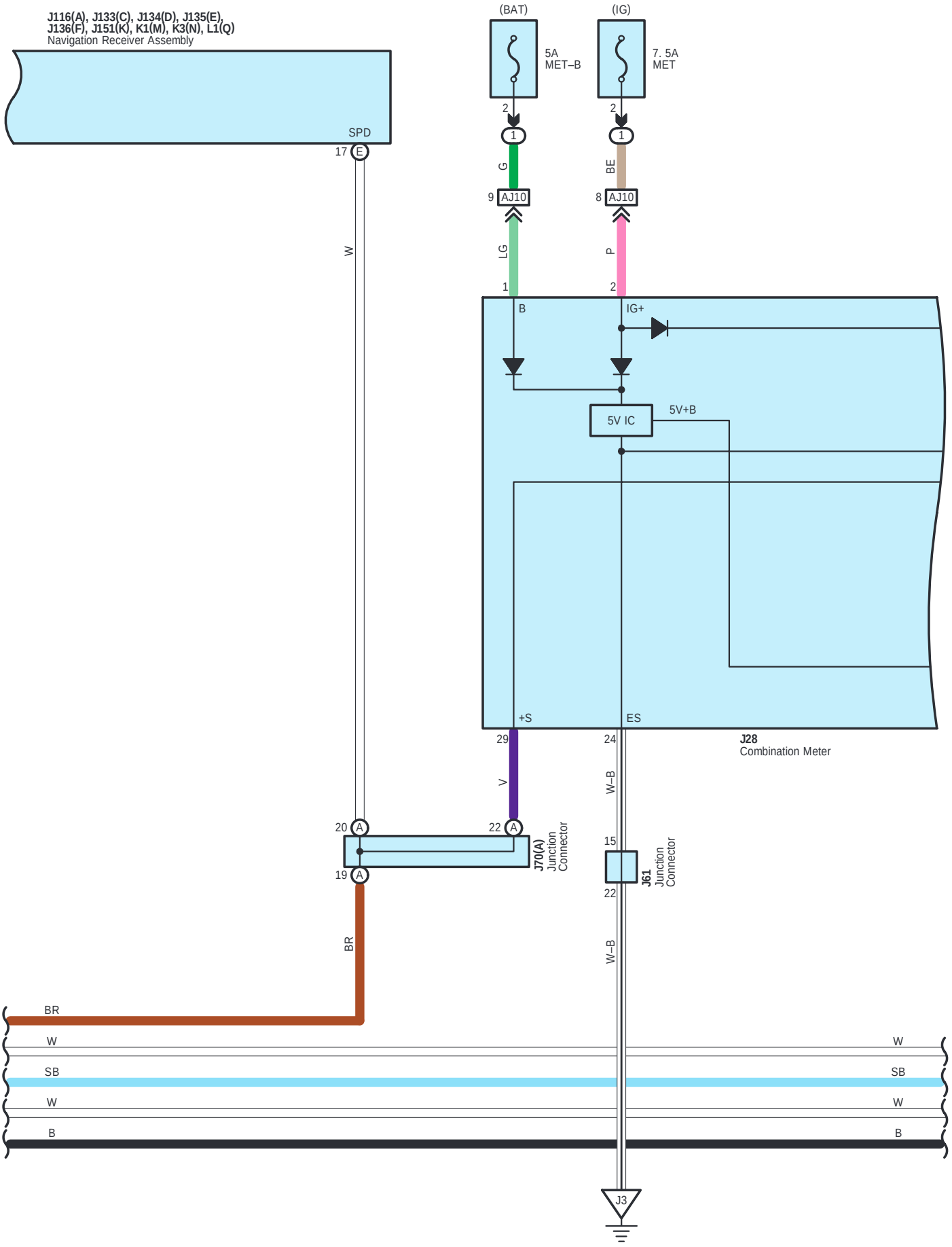

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
+B2
ACC2
GND2
USV4
US4–
US4+
UGD4
USG4
CANL
CANH
4 Q
3 Q
8 Q
1 M
2 M
3 M
4 M
5 M
1 N
10 E
9 E
R
Y
B
(Shielded)
#
W
LG
18
7
15
4
J74
Junction Connector
4 C
3 C
8 C
1 A
2 A
3 A
4 A
5 A
1 B
J154(D), K2(A), K4(B), L3(C)
Stereo Component Tuner Assembly
1 D
SDARS
Antenna
J153
Satellite Radio
Antenna Assembly
R
W
BR
BR

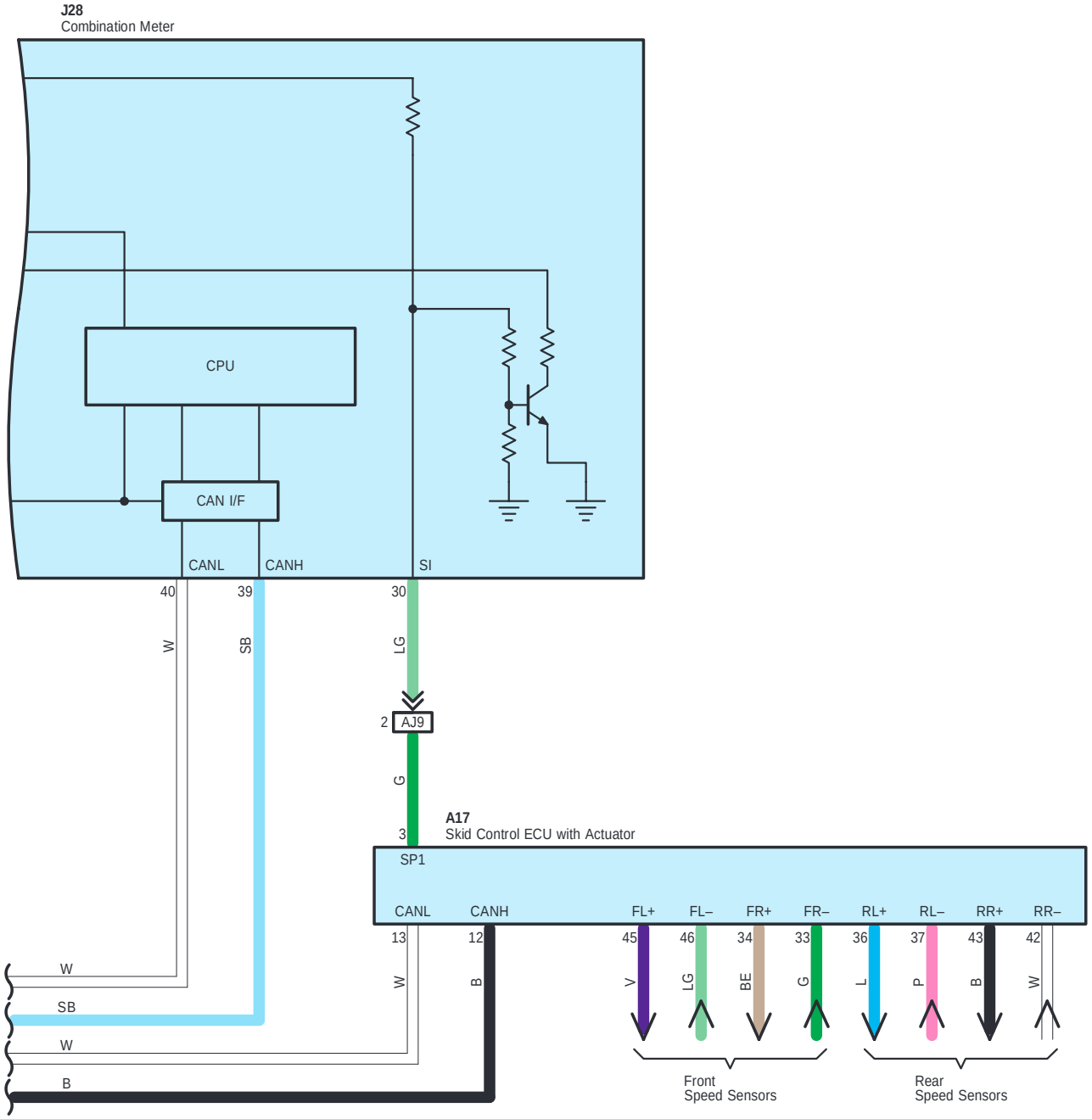
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly



: There is no wire color information.



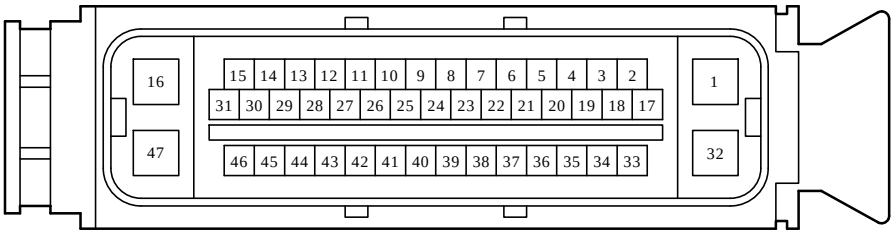

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SPD
17 E
W
(BAT)
5A MET–B
2
1
G
9 AJ10
LG
1
(IG)
7. 5A MET
2
1
BE
8 AJ10
P
2
B
IG+
5V IC
5V+B
+S
ES
29
V
24
W–B
J28
Combination Meter
20 A
22 A
19 A
J70(A) Junction Connector
15
22
J61 Junction Connector
BR
W–B
BR
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

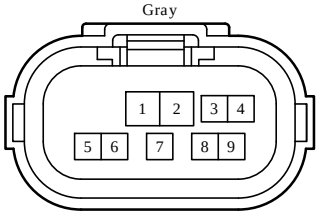
A 5
White



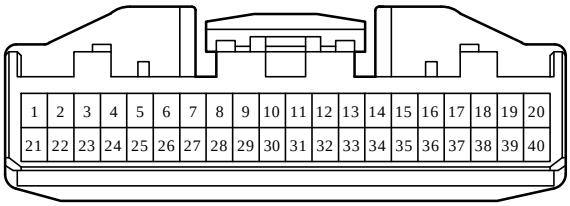
A 17
Black



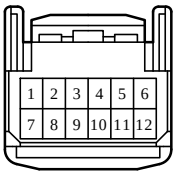
D 35
Gray



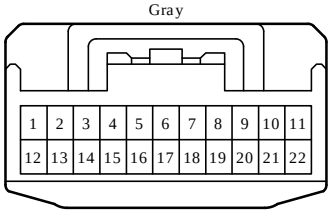
J 28
Black



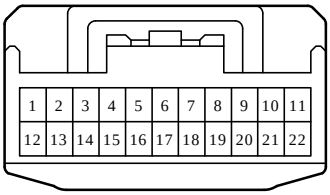
J 45
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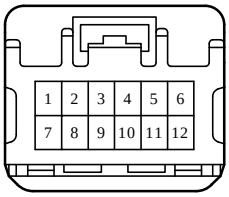
J 61
Gray



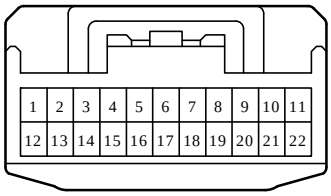
J 65
White



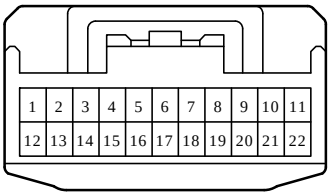
J 66
Black



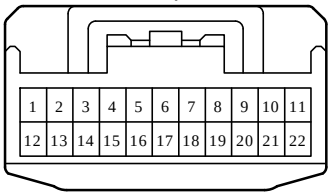
J 70
Blue



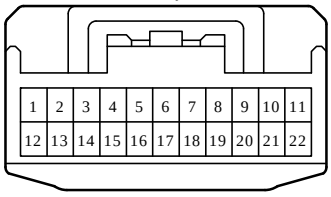
J 71
White



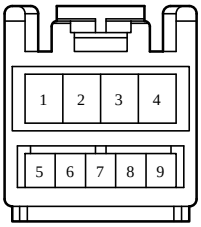
J 74
Gray



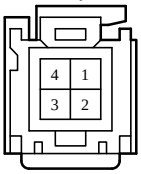
J 75
Gray



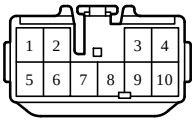
J100
Black



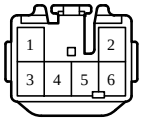
J116
Gray



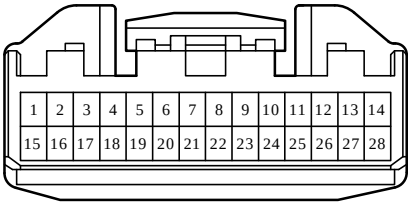
J133
White



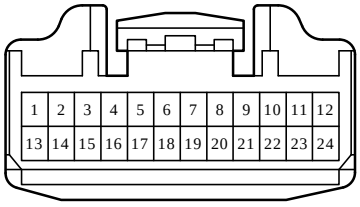
J134
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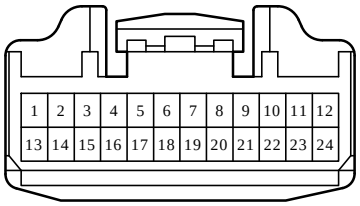
J135
White



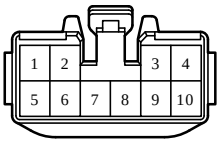
J136
White



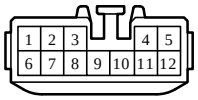
J141
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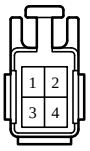
J142
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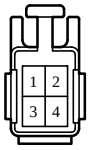
J143
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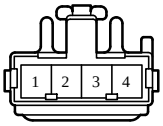
J146
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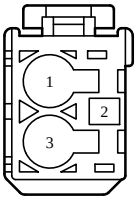
J148
White



J150
White



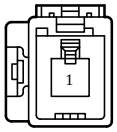
J151
White



J152
Gray



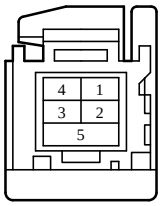
J153
Blue



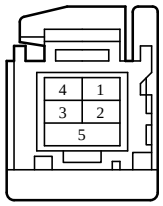
J154
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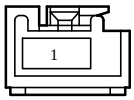
K 1
Brown



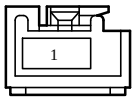
K 2
Brown



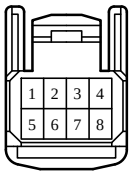
K 3
White



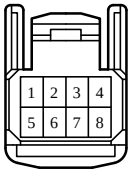
K 4
White



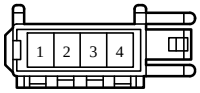
L 1
White



L 3
White



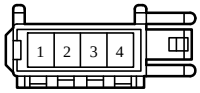
M 1
White



M 8
White



N 1
White



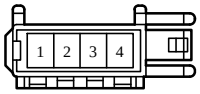
N 10
White



O 1
White



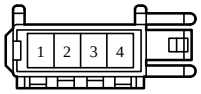
O 2
White



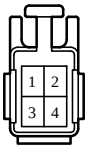
O 7
White



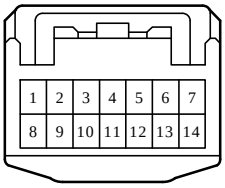
O 8
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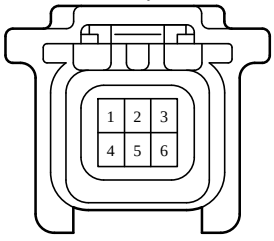
P 14
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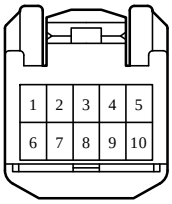
W 7
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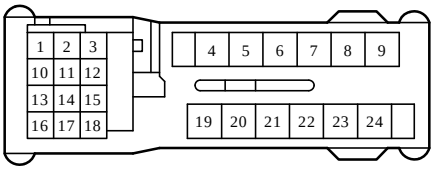
X 1
Gray



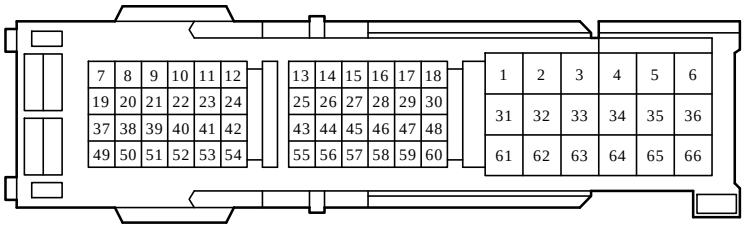
z 3
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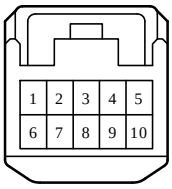
DB
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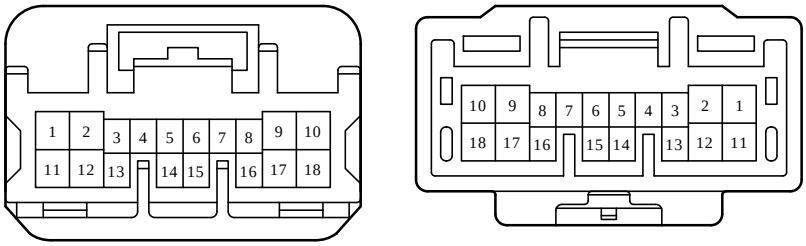
DD
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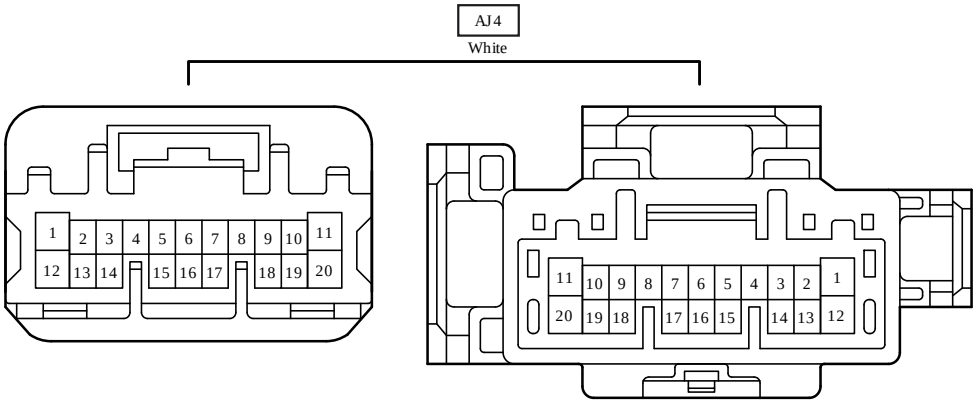
DE
White



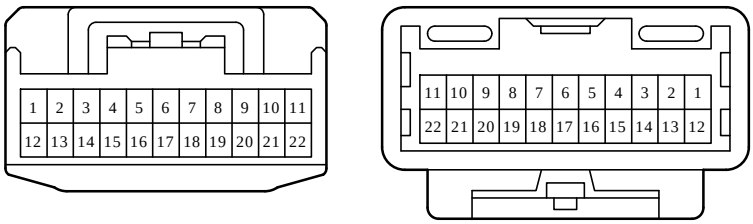
AJ2
Gray



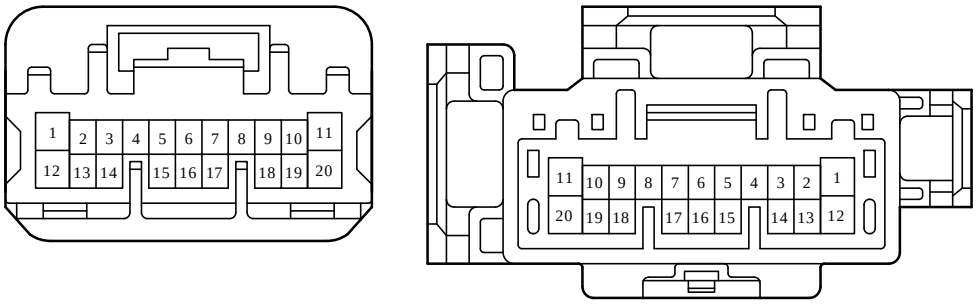
AJ4
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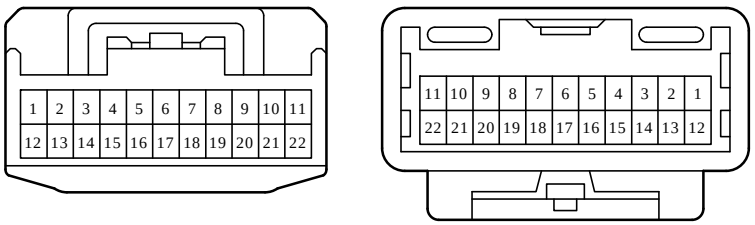
AJ5
Gray



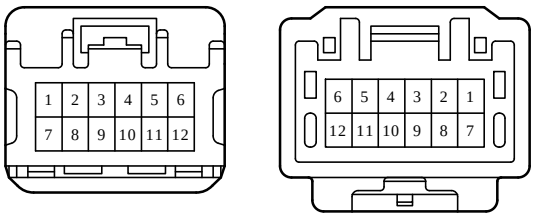
AJ9
White



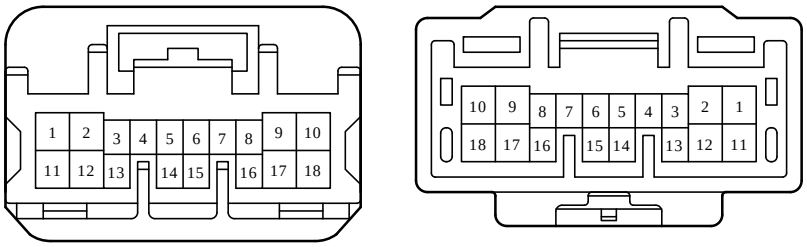
AJ10
Gray



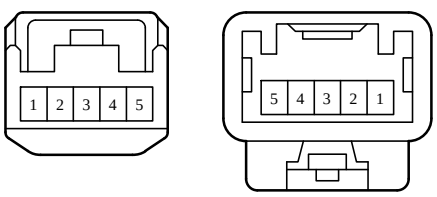
AJ11
Gray



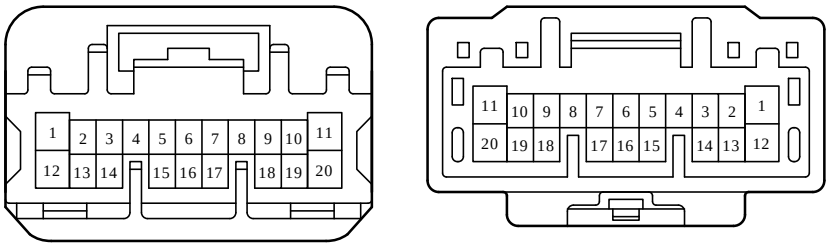
DA4
Gray



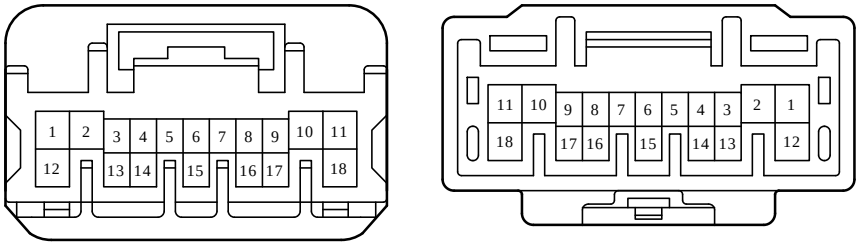
JJ2
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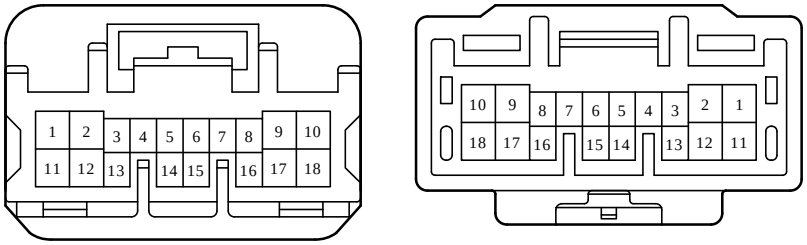
JW1
White



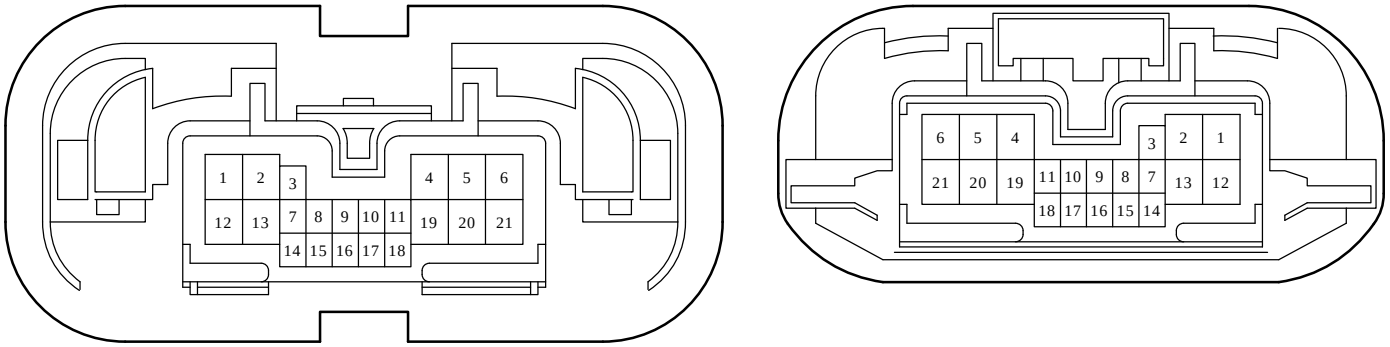
MJ2
Blue



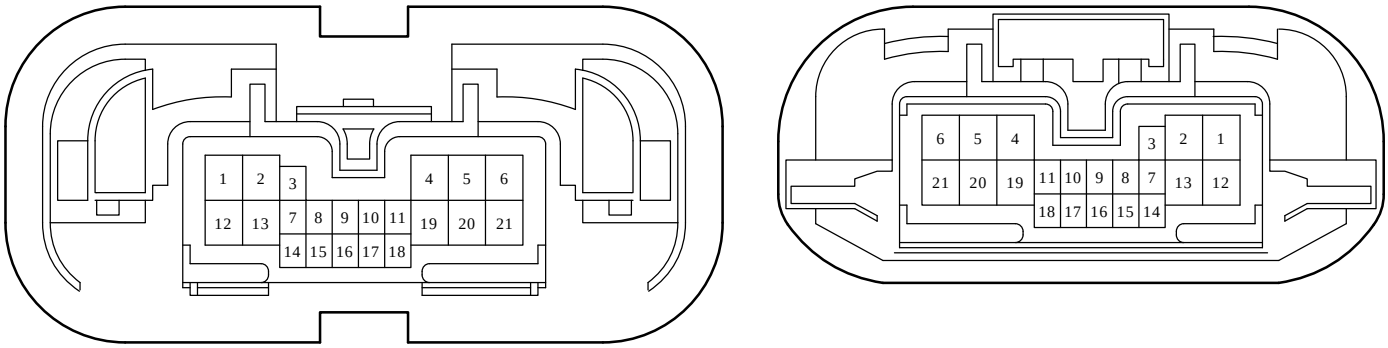
NJ3
Blue



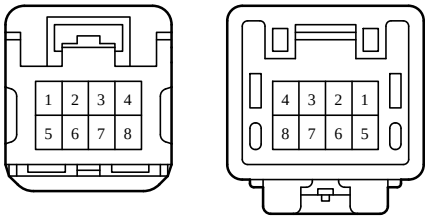
OP1
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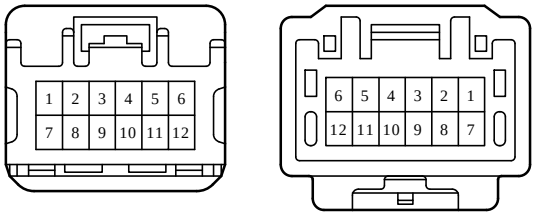
OQ1
White



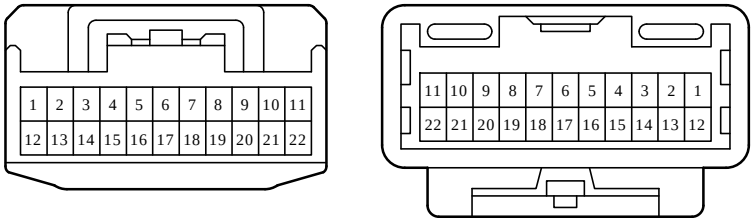
PJ1
Black



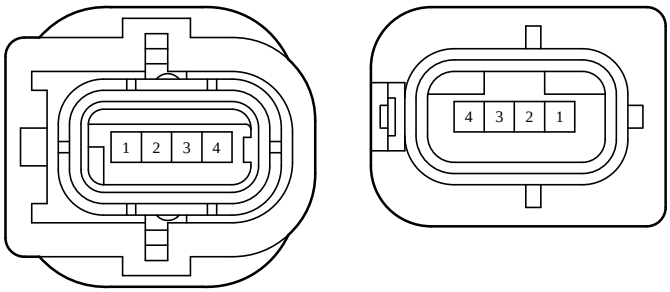
QJ2
Black

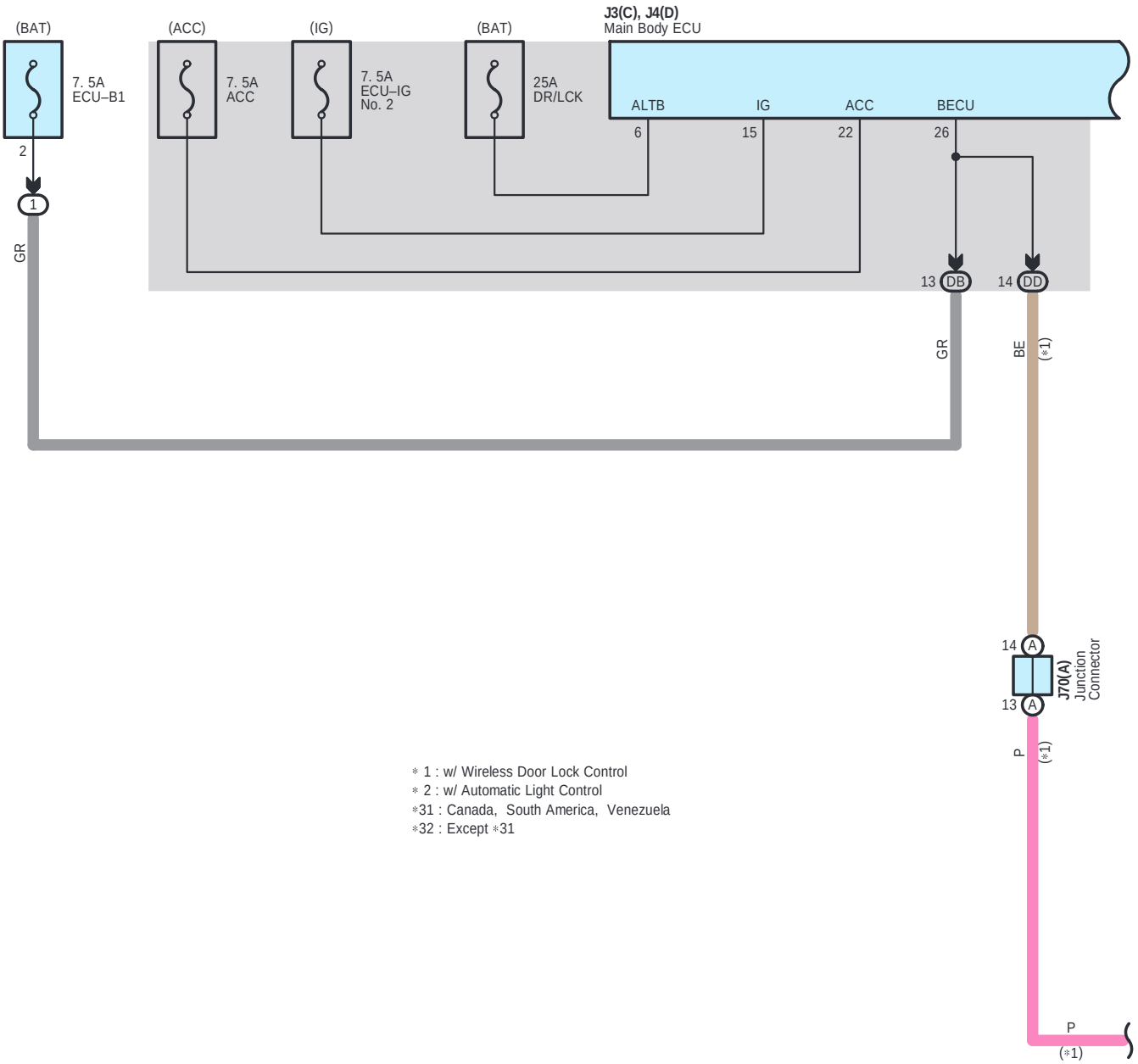


RA1
Black

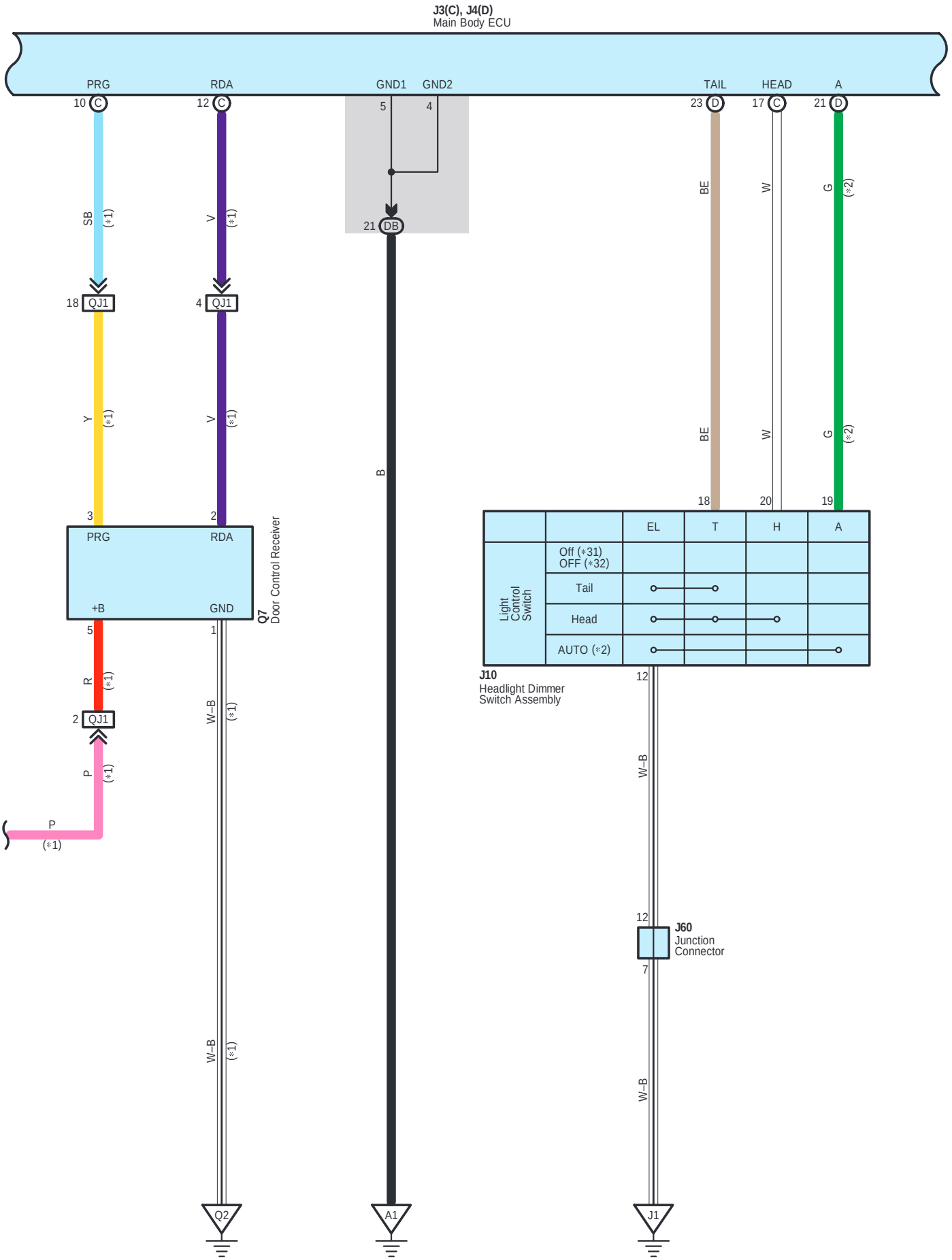


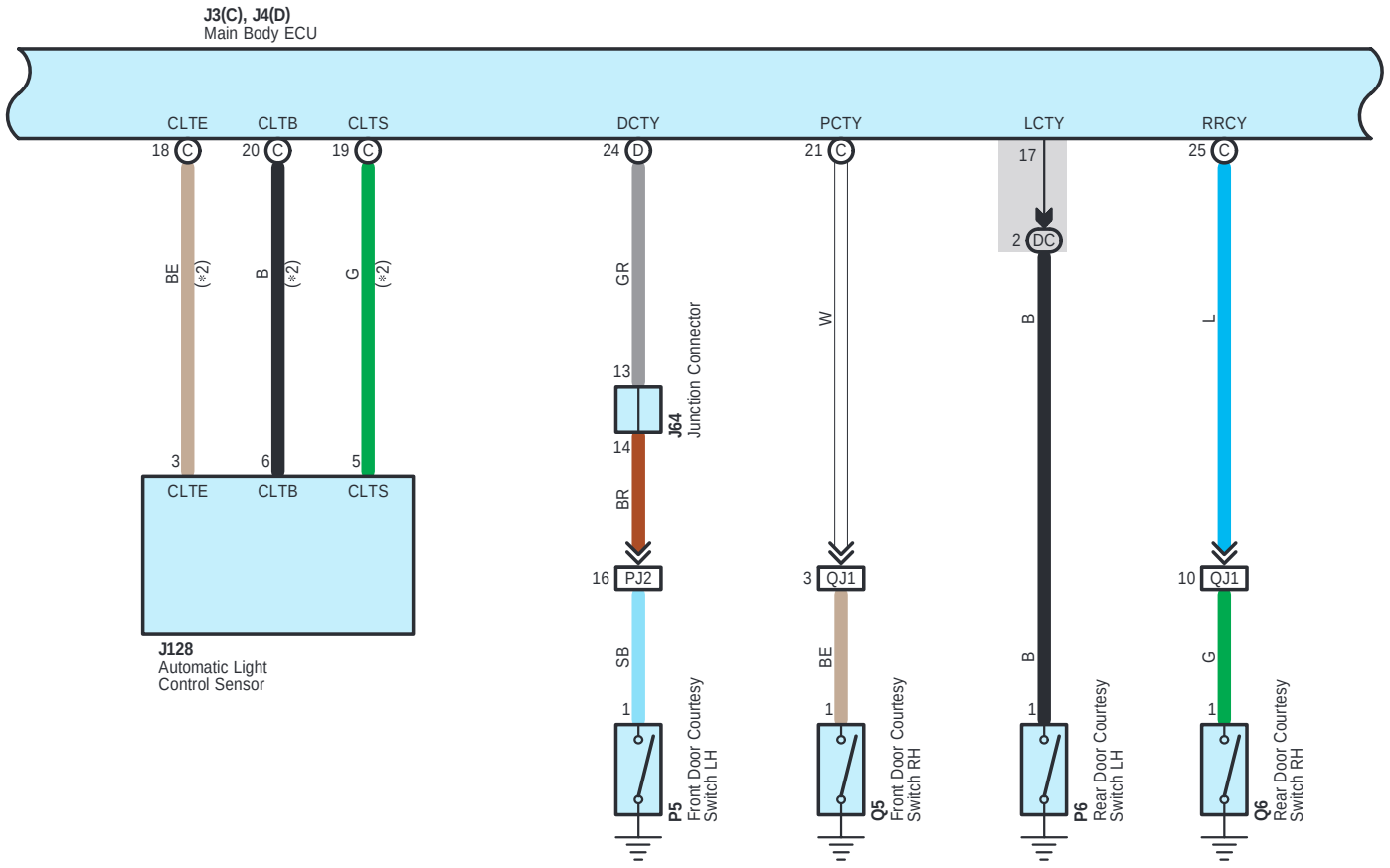
XR1
White



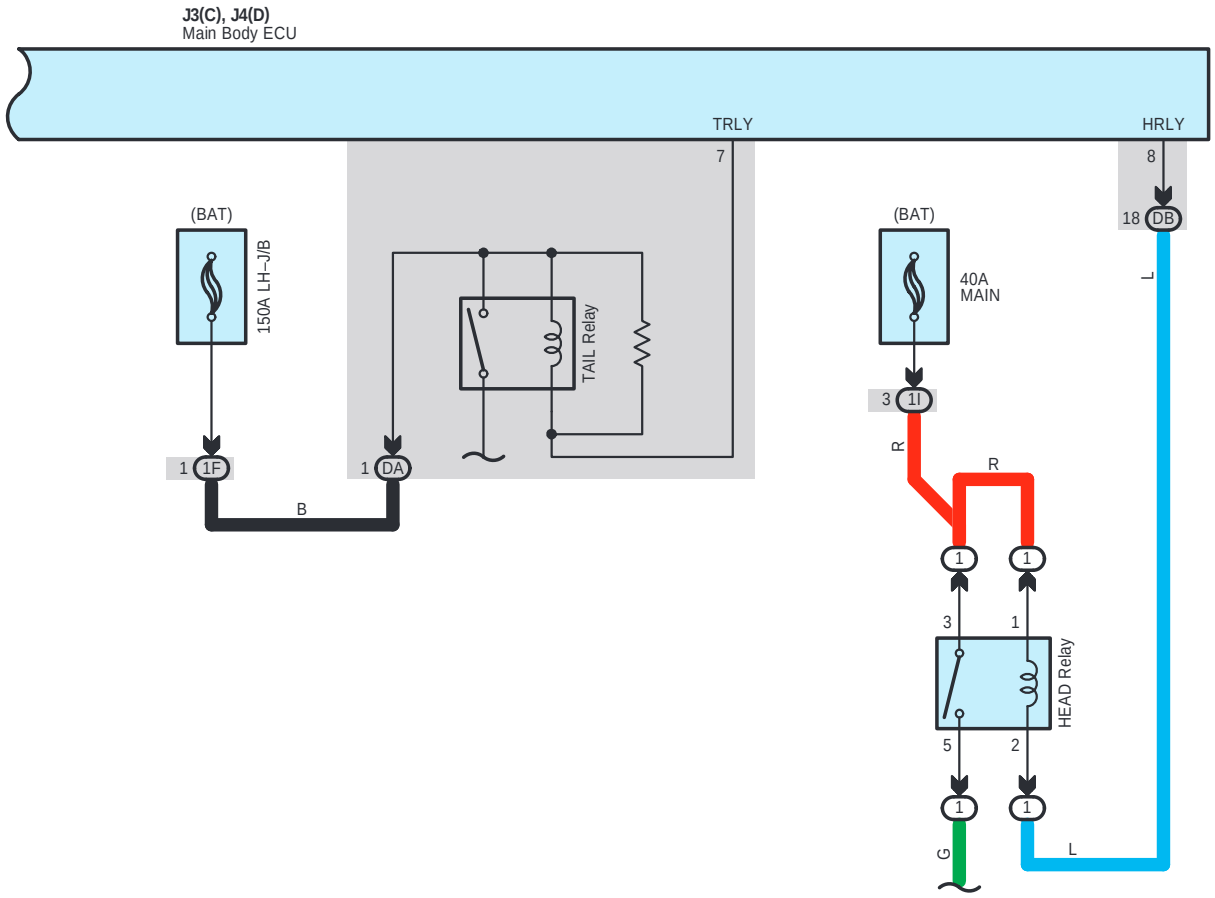


* 1 : w/ Wireless Door Lock Control
* 2 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

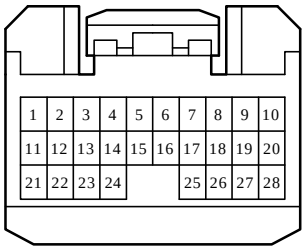

J3(C), J4(D)
Main Body ECU
PRG
RDA
GND1
GND2
TAIL
HEAD
A
10 C
12 C
5
4
23 D
17 C
21 D
SB (*1)
V (*1)
21 DB
BE
W
G (*2)
18 QJ1
4 QJ1
Y (*1)
V (*1)
B
BE
W
G (*2)
18
20
19
3
2
PRG
RDA
+B
GND
Q7
Door Control Receiver
EL
T
H
A
Off (*31)
OFF (*32)
Tail
Head
AUTO (*2)
Light Control Switch
5
1
R (*1)
W–B (*1)
2 QJ1
P (*1)
J10
Headlight Dimmer Switch Assembly
12
W–B
P
(*1)
12
J60
Junction Connector
7
W–B
W–B (*1)
Q2
A1
J1



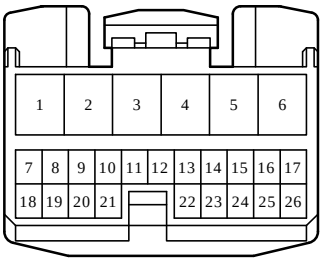
* 2 : w/ Automatic Light Control


J3(C), J4(D)
Main Body ECU
TRLY
7
HRLY
8
(BAT)
150A LH–J/B
1 1F
B
1 DA
TAIL Relay
(BAT)
40A
MAIN
3 1I
R
R
1
1
3
1
HEAD Relay
5
2
1
1
G
L
18 DB
L

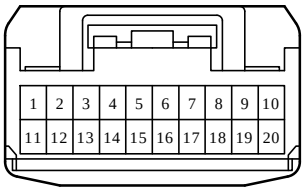
J 3
White



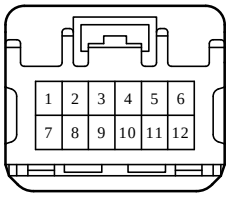
J 4
White



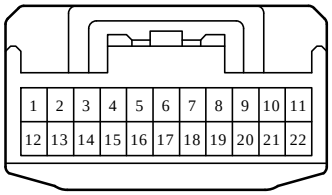
J 10
White



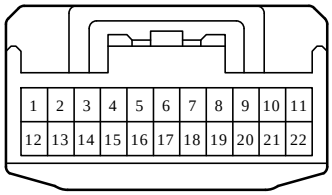
J 60
White



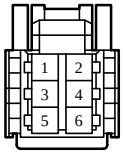
J 64
White



J 70
Blue



J128
Black



P 5
White



P 6
White



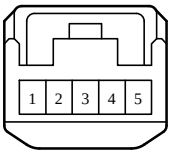
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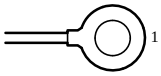
Q 6
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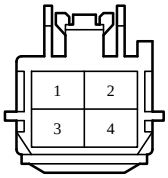
Q 7
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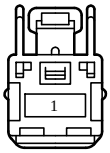
1F



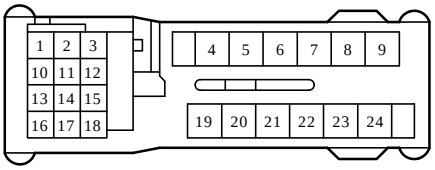
1I
White



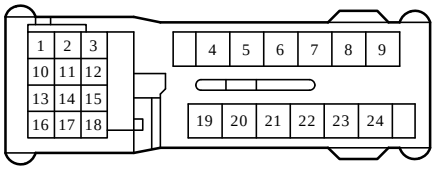
DA
White



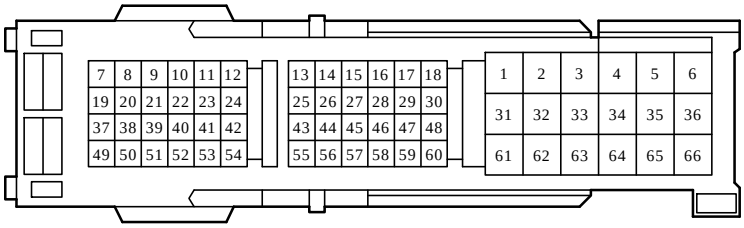
DB
White



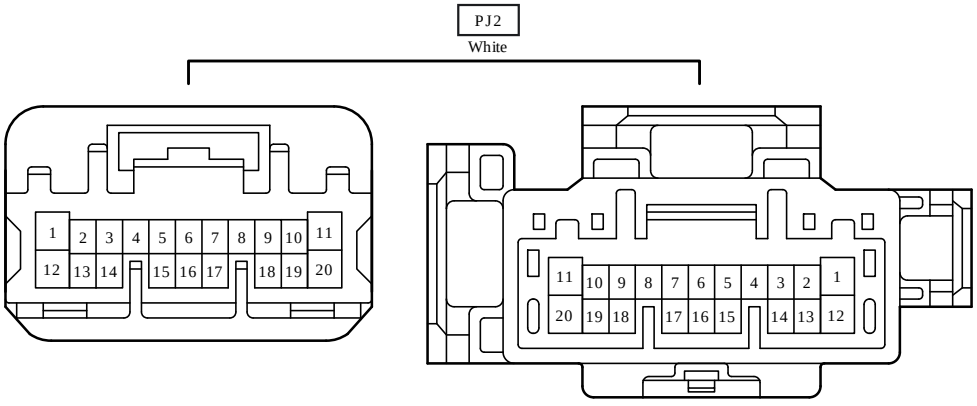
DC
White

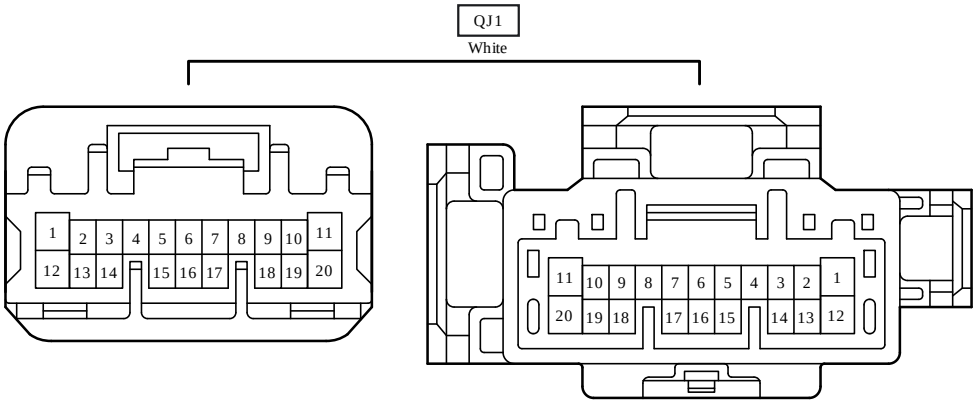


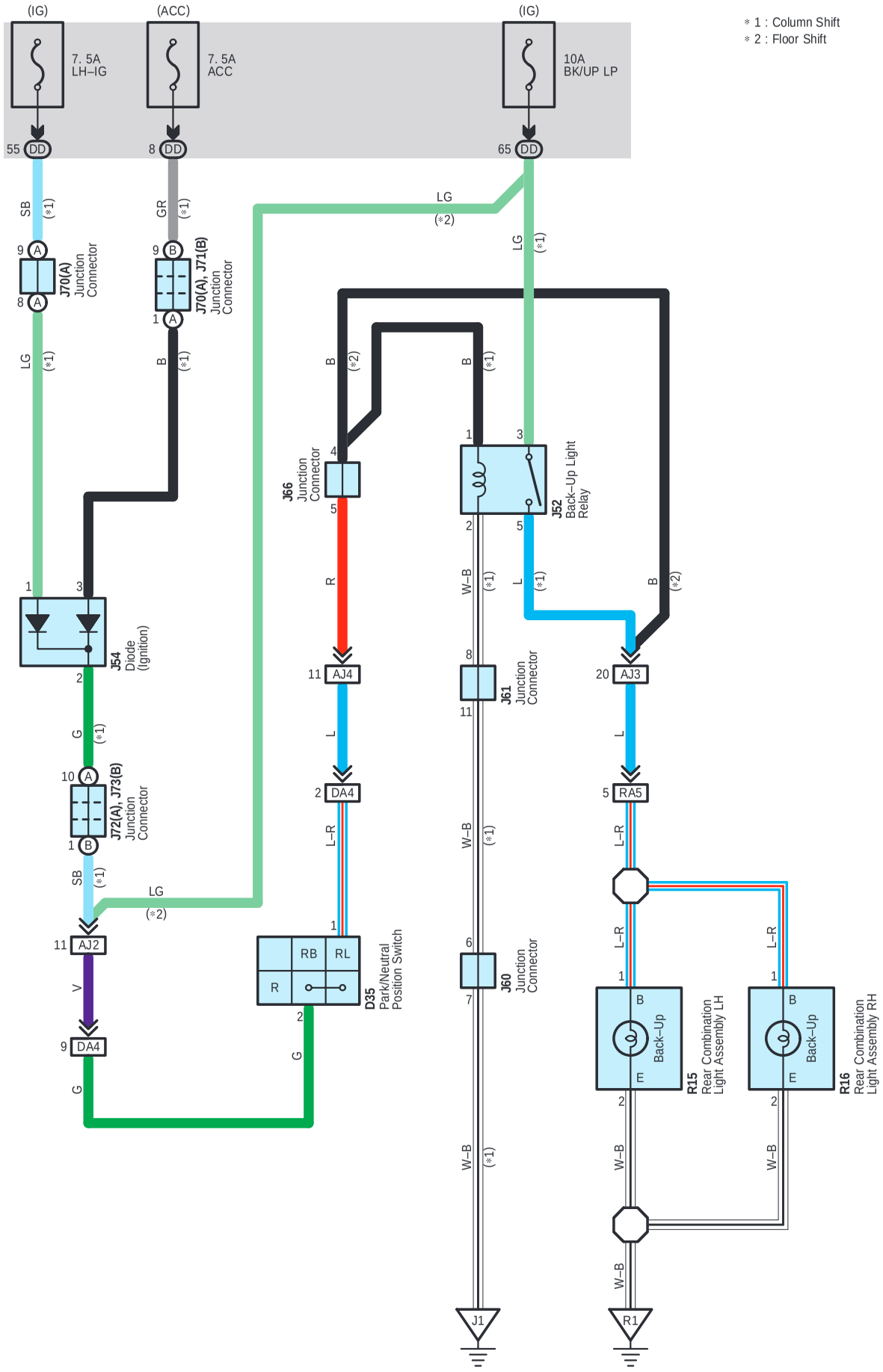
DD
White



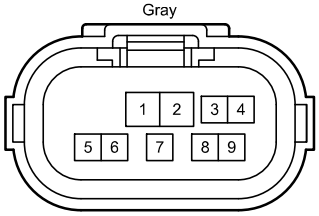
PJ2
White



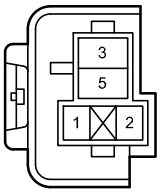

QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


(IG)
(ACC)
(IG)
7. 5A
LH–IG
7. 5A
ACC
10A
BK/UP LP
55 DD
8 DD
65 DD
＊1 : Column Shift
＊2 : Floor Shift
SB
GR
LG
(＊1)
(＊2)
J70(A)
Junction
Connector
J70(A), J71(B)
Junction
Connector
J54
Diode
(Ignition)
J72(A), J73(B)
Junction
Connector
J66
Junction
Connector
J52
Back–Up Light
Relay
J61
Junction
Connector
J60
Junction
Connector
D35
Park/Neutral
Position Switch
R15
Rear Combination
Light Assembly LH
R16
Rear Combination
Light Assembly RH
AJ2
AJ4
AJ3
DA4
RA5
RB
RL
R
B
L
G
V
W–B
L–R
Back–Up
E
J1
R1

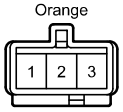
D 35
Gray



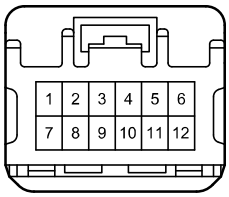
J 52
White



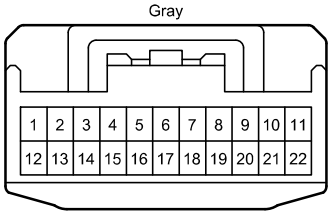
J 54
Orange



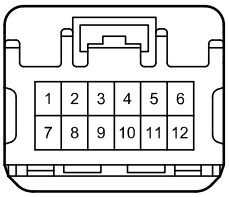
J 60
White



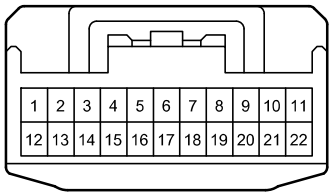
J 61
Gray



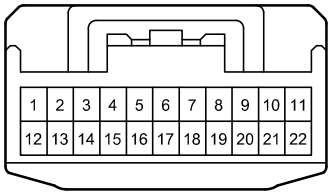
J 66
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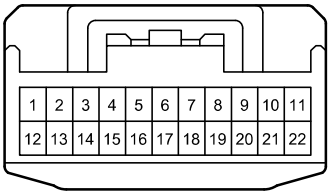
J 70
Blue



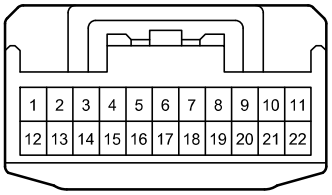
J 71
White



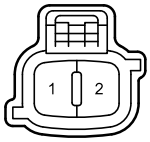
J 72
Black



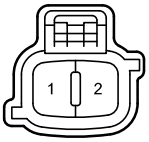
J 73
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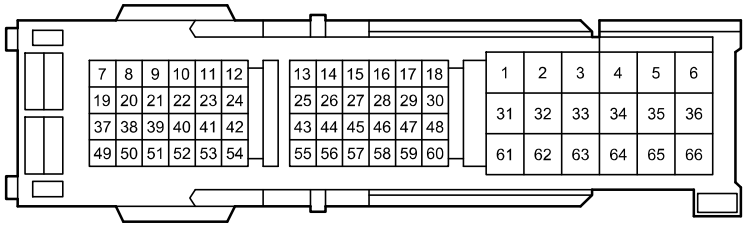
R 15
Gray



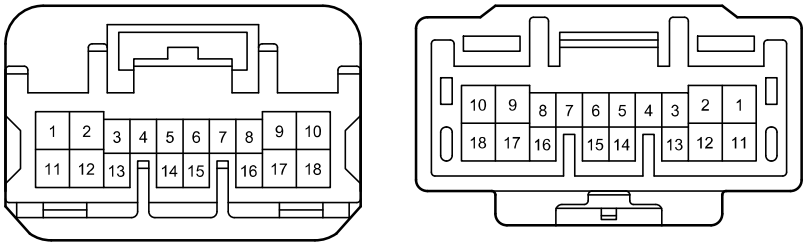
R 16
Gray



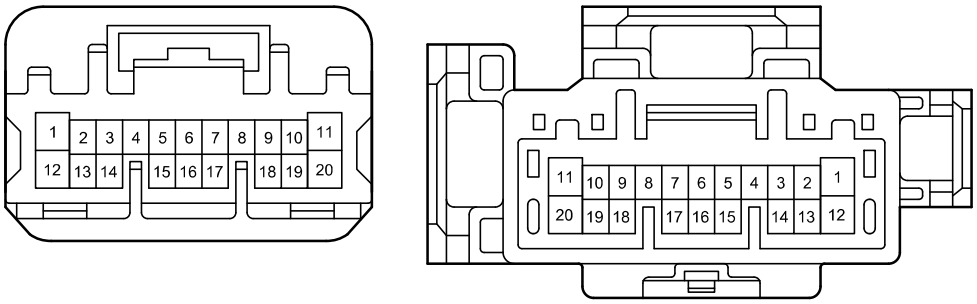
DD
White



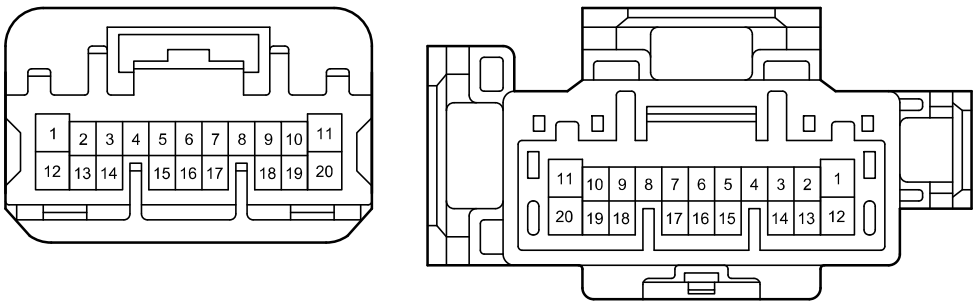
AJ2
Gray



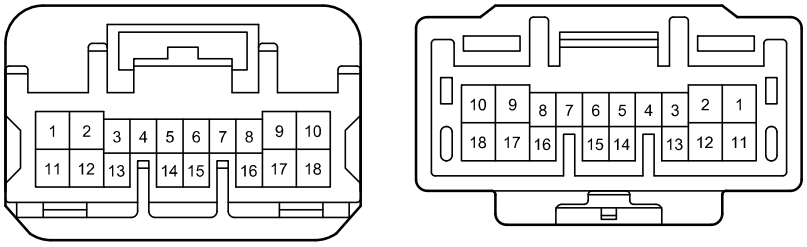
AJ3
White



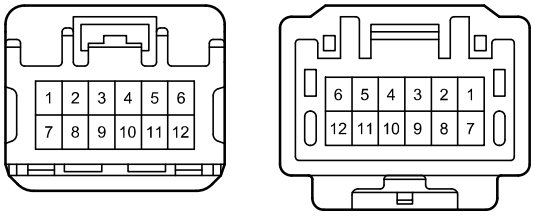
AJ4
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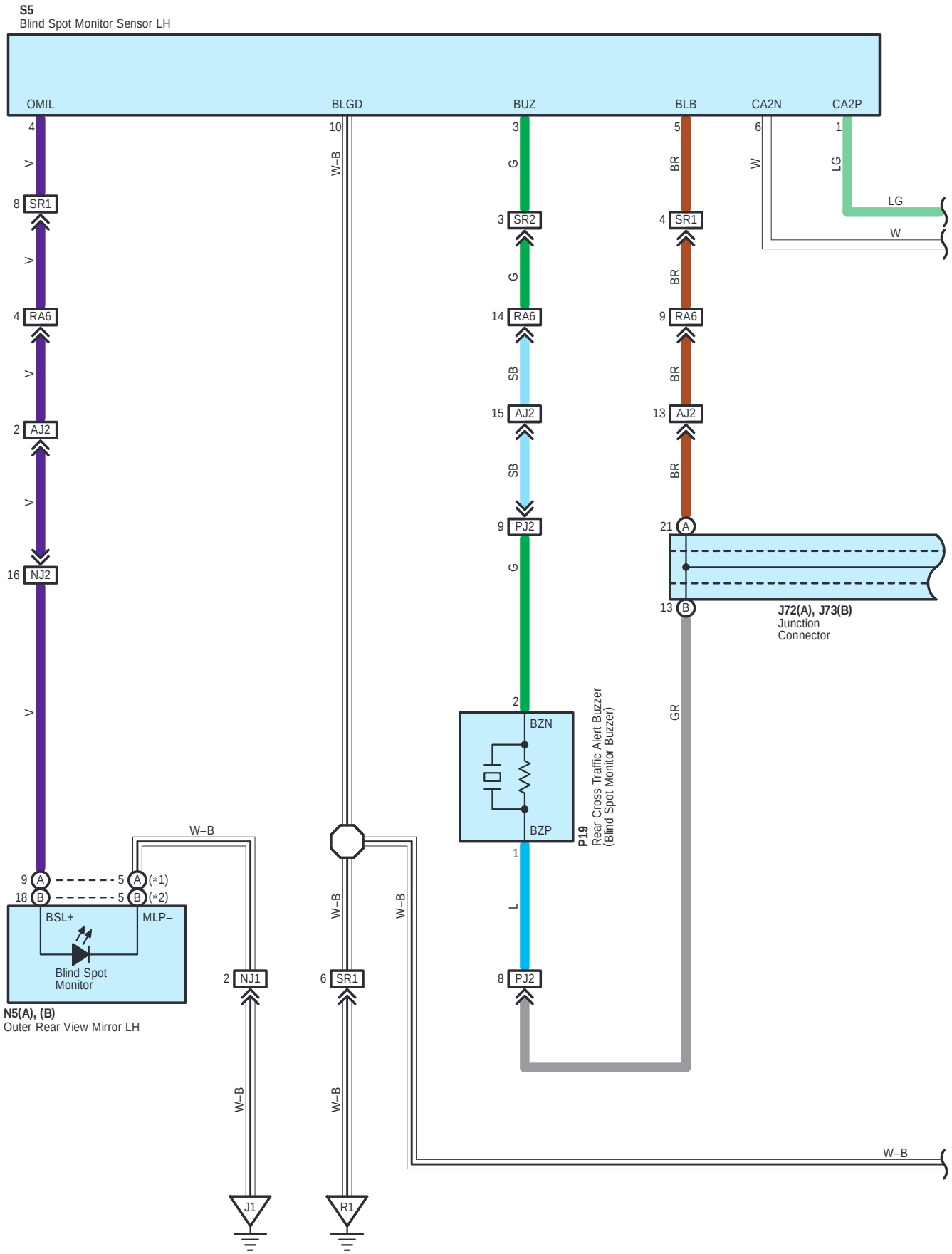


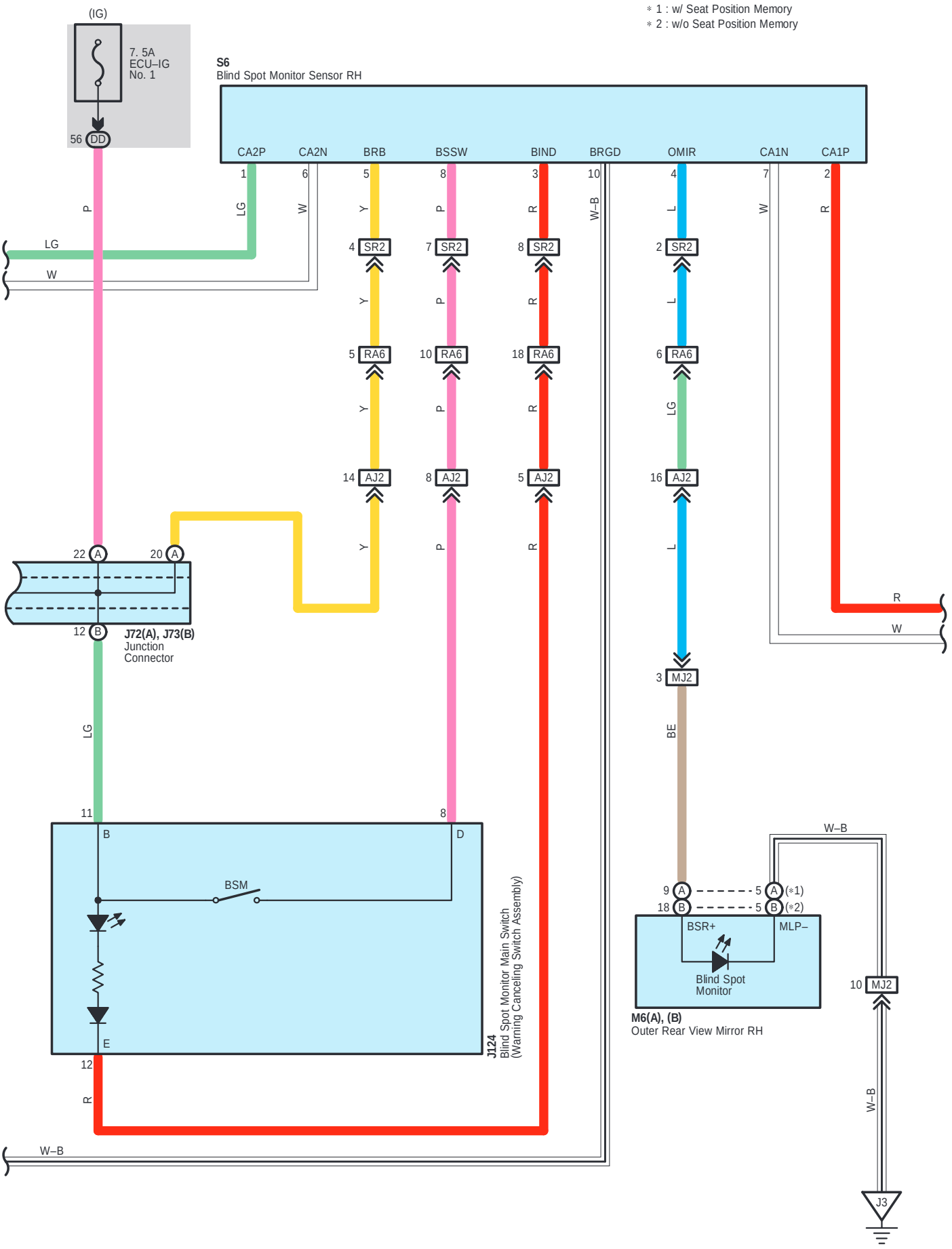
DA4
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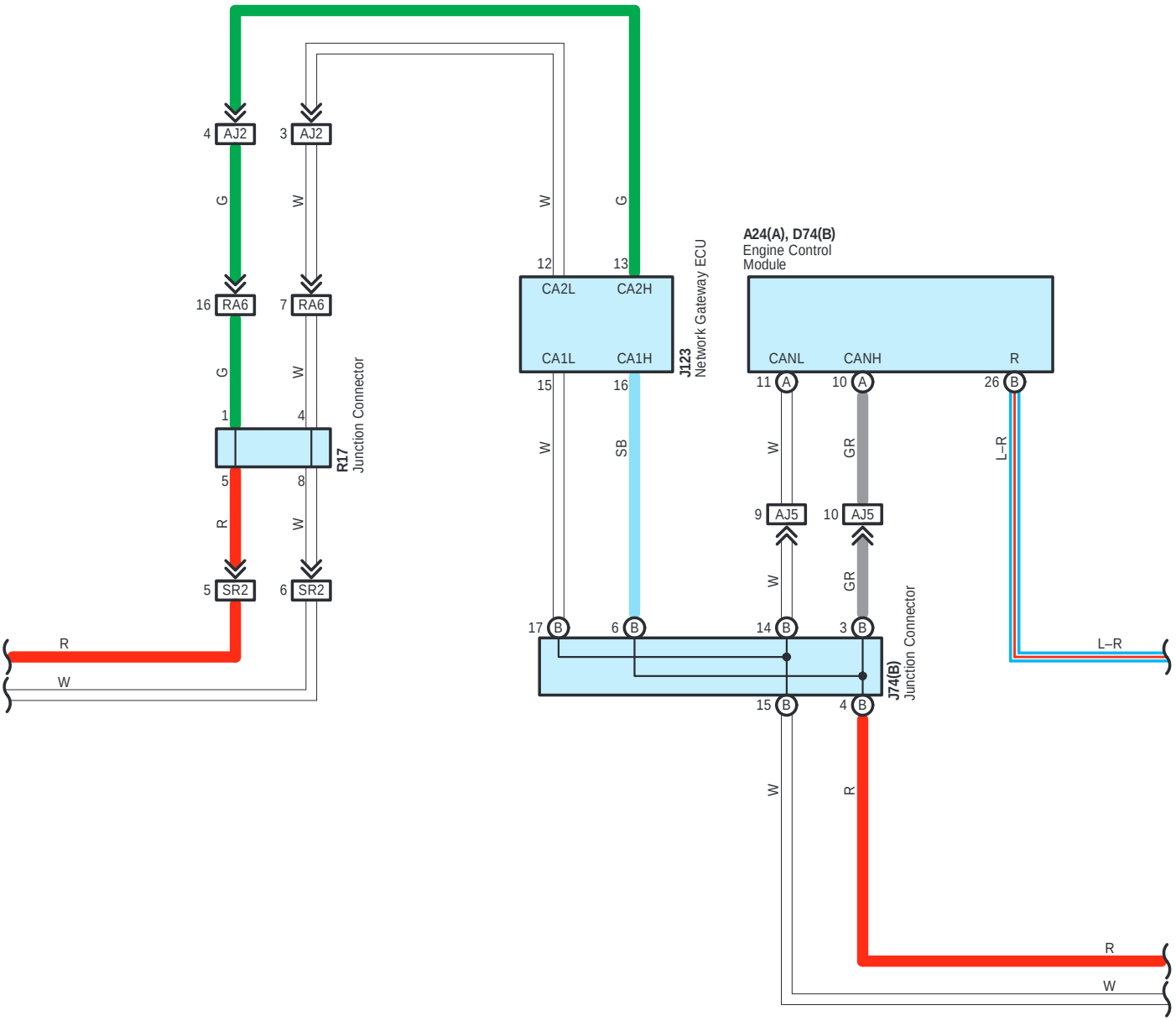


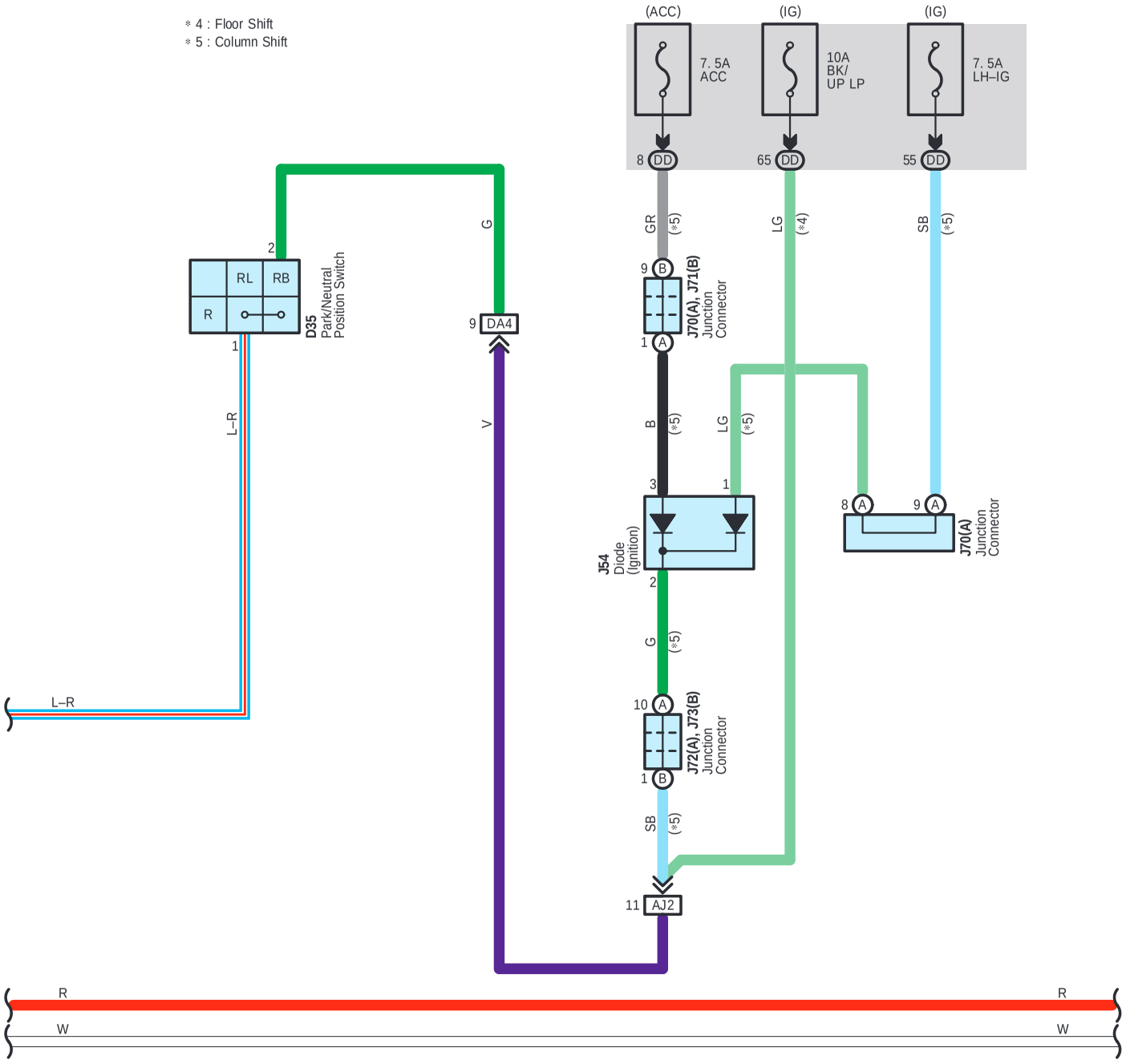
RA5
Gray

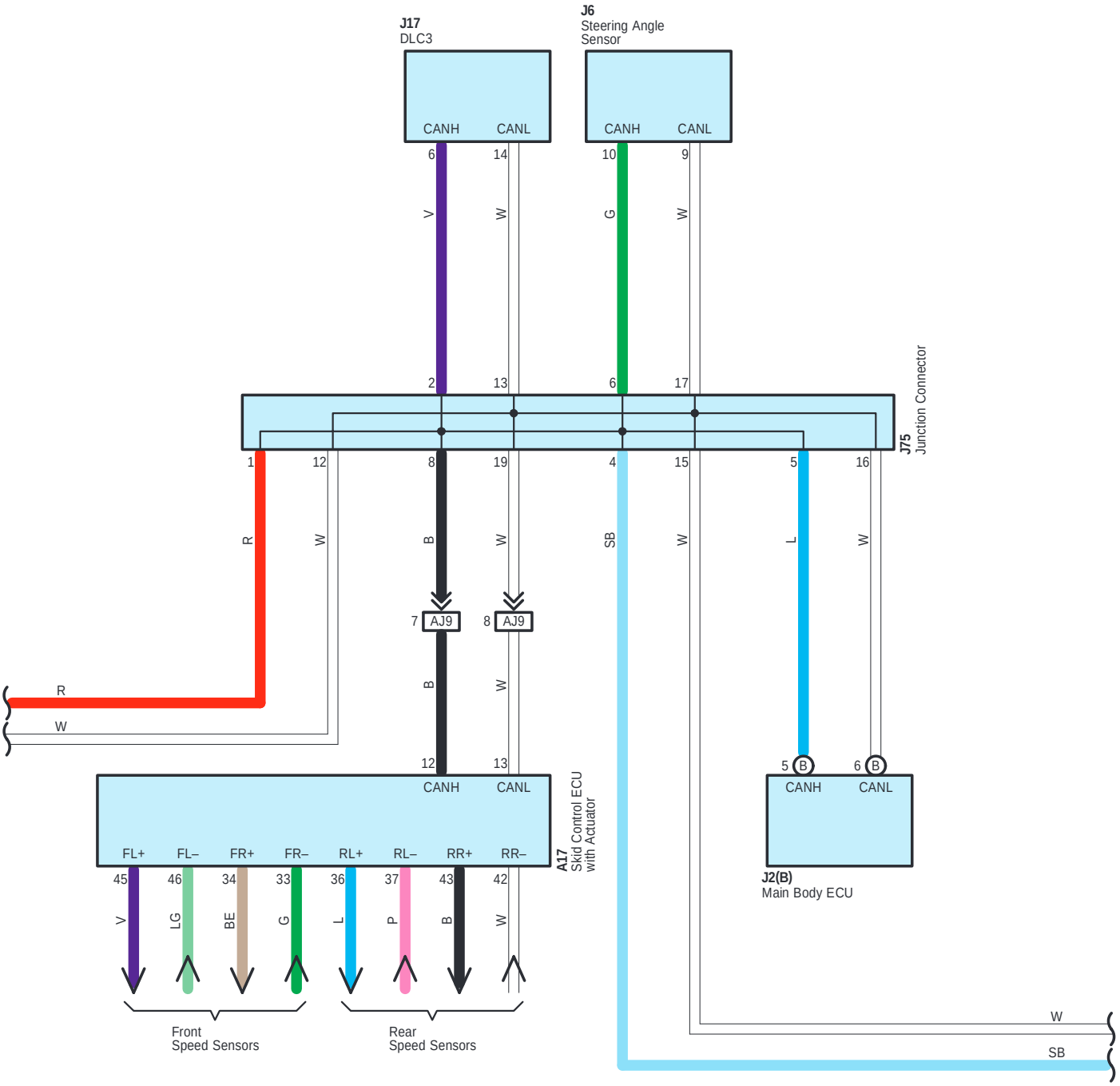


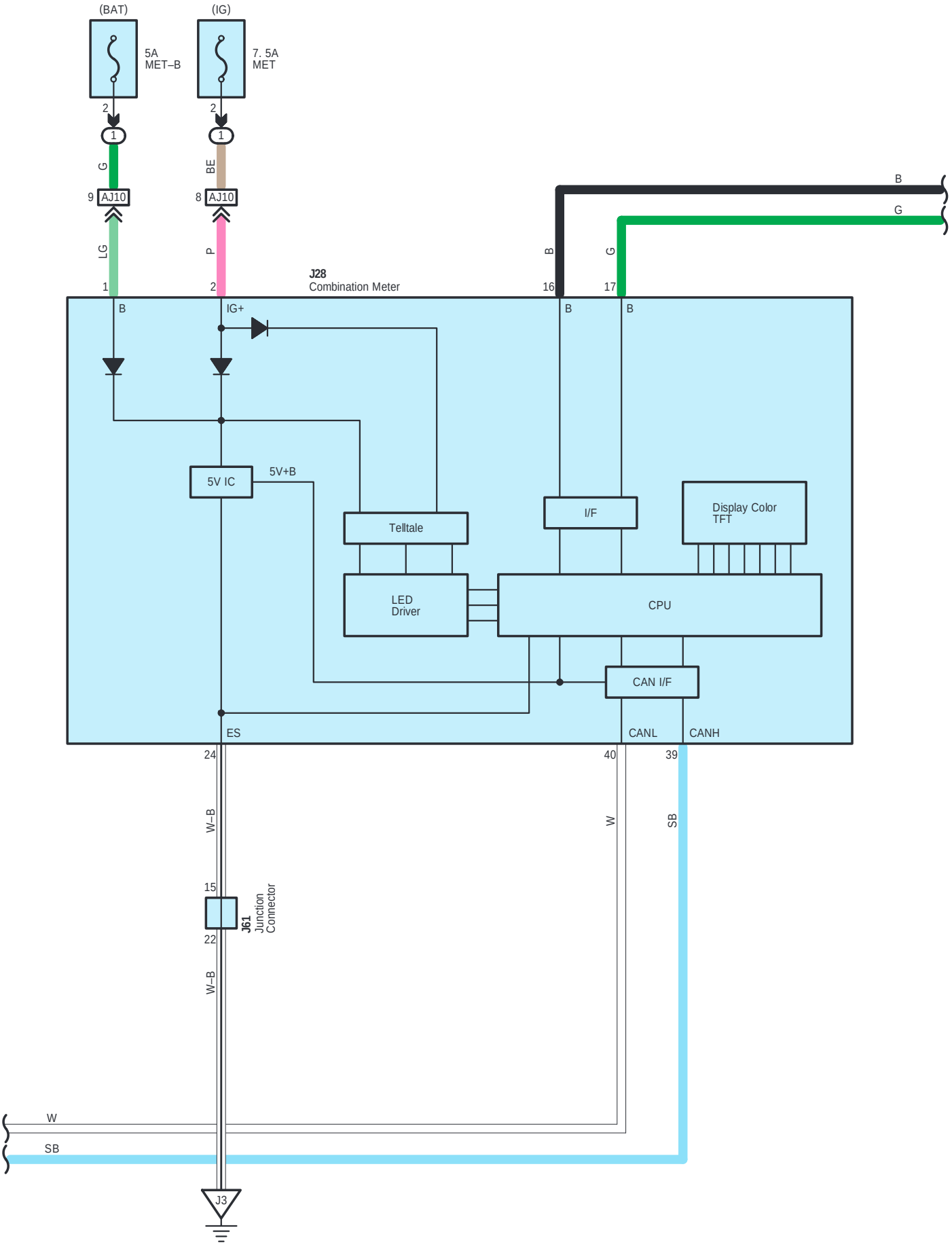

S5
Blind Spot Monitor Sensor LH
OMIL
BLGD
BUZ
BLB
CA2N
CA2P
4
V
8 SR1
V
4 RA6
V
2 AJ2
V
16 NJ2
V
10
W–B
3
G
3 SR2
G
14 RA6
SB
15 AJ2
SB
9 PJ2
G
2
5
BR
4 SR1
BR
9 RA6
BR
13 AJ2
BR
21 A
13 B
GR
6
W
1
LG
LG
W
J72(A), J73(B)
Junction
Connector
BZN
BZP
P19
Rear Cross Traffic Alert Buzzer
(Blind Spot Monitor Buzzer)
1
L
8 PJ2
W–B
9 A
18 B
5 A (*1)
5 B (*2)
BSL+
MLP–
Blind Spot
Monitor
N5(A), (B)
Outer Rear View Mirror LH
2 NJ1
6 SR1
W–B
W–B
W–B
W–B
J1
R1

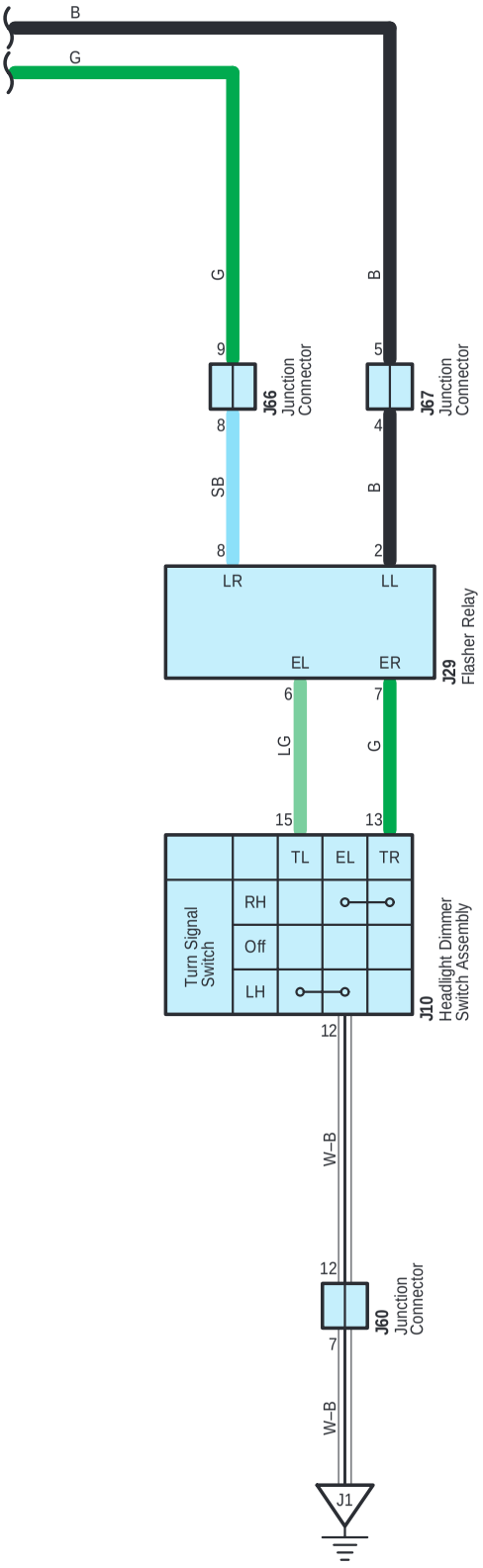

* 1 : w/ Seat Position Memory
* 2 : w/o Seat Position Memory
(IG)
7. 5A
ECU–IG
No. 1
56 DD
S6
Blind Spot Monitor Sensor RH
CA2P
CA2N
BRB
BSSW
BIND
BRGD
OMIR
CA1N
CA1P
1
6
5
8
3
10
4
7
2
P
LG
W
Y
P
R
W–B
L
W
R
LG
W
4 SR2
7 SR2
8 SR2
2 SR2
5 RA6
10 RA6
18 RA6
6 RA6
14 AJ2
8 AJ2
5 AJ2
16 AJ2
LG
L
Y
P
R
22 A
20 A
12 B
J72(A), J73(B)
Junction
Connector
R
W
3 MJ2
BE
LG
11
8
B
D
BSM
E
12
R
J124
Blind Spot Monitor Main Switch
(Warning Canceling Switch Assembly)
W–B
9 A
18 B
5 A (*1)
5 B (*2)
BSR+
MLP–
Blind Spot
Monitor
M6(A), (B)
Outer Rear View Mirror RH
W–B
10 MJ2
W–B
J3


4 AJ2
3 AJ2
G
W
W
G
16 RA6
7 RA6
G
W
1
4
5
8
R
W
R17
Junction Connector
5 SR2
6 SR2
R
W
12
13
CA2L
CA2H
CA1L
CA1H
15
16
W
SB
J123
Network Gateway ECU
17 B
6 B
A24(A), D74(B)
Engine Control
Module
CANL
CANH
R
11 A
10 A
26 B
W
GR
L–R
9 AJ5
10 AJ5
W
GR
14 B
3 B
15 B
4 B
J74(B)
Junction Connector
L–R
W
R
R
W

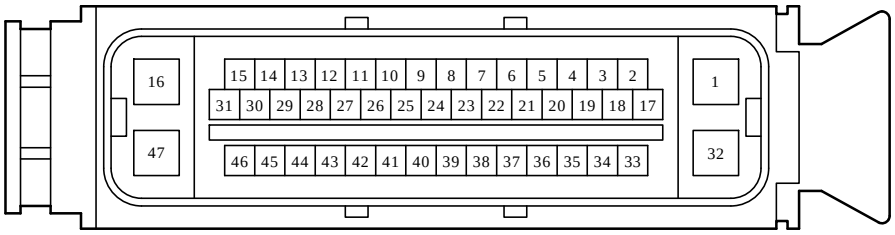

* 4 : Floor Shift
* 5 : Column Shift
(ACC)
(IG)
(IG)
7. 5A
ACC
10A
BK/
UP LP
7. 5A
LH–IG
8 DD
65 DD
55 DD
GR (*5)
LG (*4)
SB (*5)
9 B
1 A
J70(A), J71(B)
Junction
Connector
B (*5)
LG (*5)
3
1
J54
Diode
(Ignition)
2
G (*5)
10 A
1 B
J72(A), J73(B)
Junction
Connector
SB (*5)
11 AJ2
8 A
9 A
J70(A)
Junction
Connector
2
RL
RB
R
1
D35
Park/Neutral
Position Switch
L–R
G
9 DA4
V
L–R
R
W
R
W


J17
DLC3
CANH
CANL
6
14
V
W
J6
Steering Angle
Sensor
CANH
CANL
10
9
G
W
2
13
6
17
J75
Junction Connector
1
12
8
19
4
15
5
16
R
W
B
W
SB
W
L
W
7
AJ9
8
AJ9
R
W
B
W
12
13
CANH
CANL
5
B
6
B
CANH
CANL
A17
Skid Control ECU
with Actuator
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
45
46
34
33
36
37
43
42
V
LG
BE
G
L
P
B
W
J2(B)
Main Body ECU
Front
Speed Sensors
Rear
Speed Sensors
W
SB

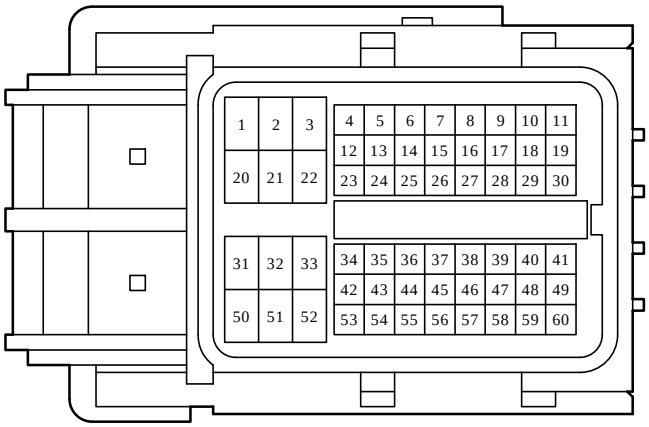

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
G
16
17
B
G
B
IG+
B
B
5V IC
5V+B
Telltale
I/F
Display Color
TFT
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3


B
G
G
9
J66
Junction
Connector
8
SB
8
LR
B
5
J67
Junction
Connector
4
B
2
LL
J29
Flasher Relay
EL
ER
6
LG
15
7
G
13
TL
EL
TR
Turn Signal
Switch
RH
Off
LH
J10
Headlight Dimmer
Switch Assembly
12
W–B
12
J60
Junction
Connector
7
W–B
J1

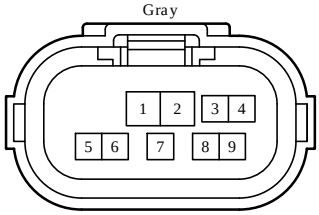
A 17
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A 24
Black



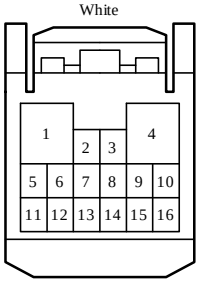
D 35
Gray



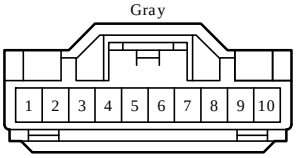
D 74
Black



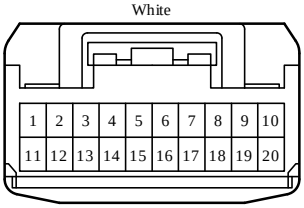
J 2
White



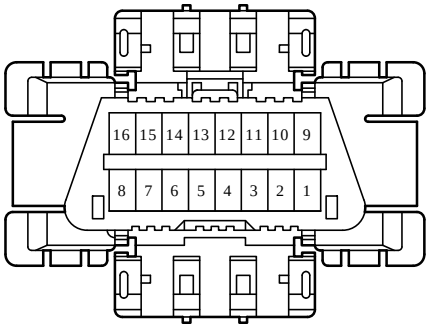
J 6
Gray



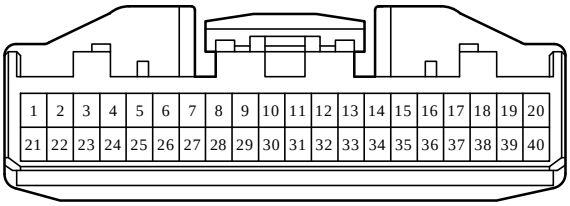
J 10
White



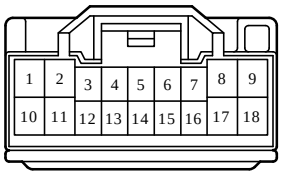
J 17
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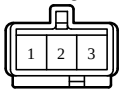
J 28
Black



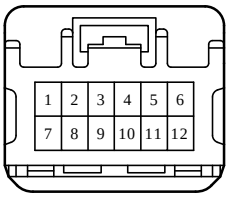
J 29
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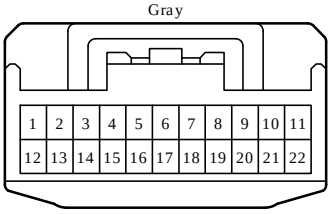
J 54
Orange



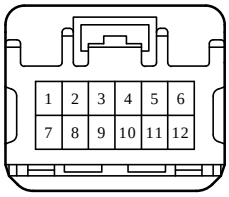
J 60
White



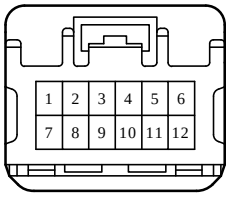
J 61
Gray



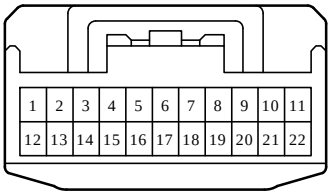
J 66
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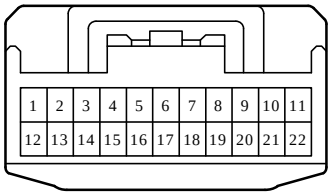
J 67
Blue



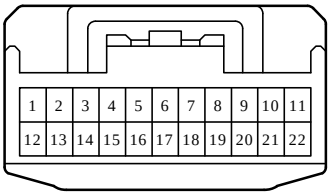
J 70
Blue



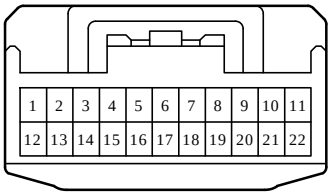
J 71
White



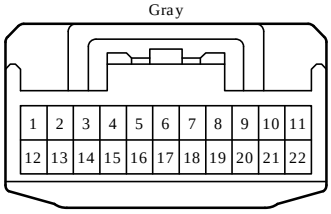
J 72
Black



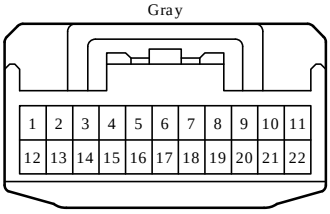
J 73
Black



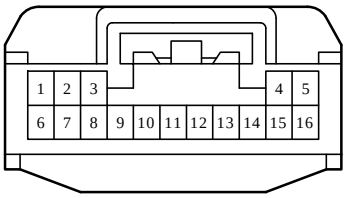
J 74
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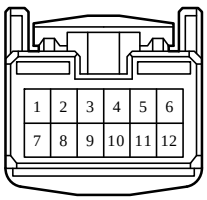
J 75
Gray



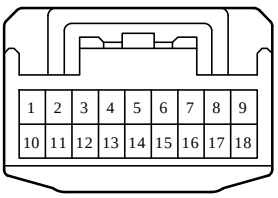
J123
White



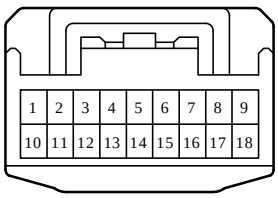
J124
Black



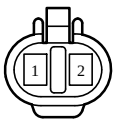
M 6
White



N 5
White



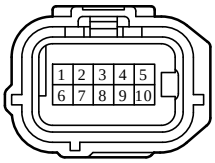
P 19
Black



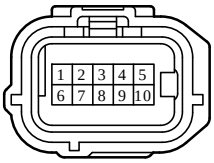
R 17
Gray



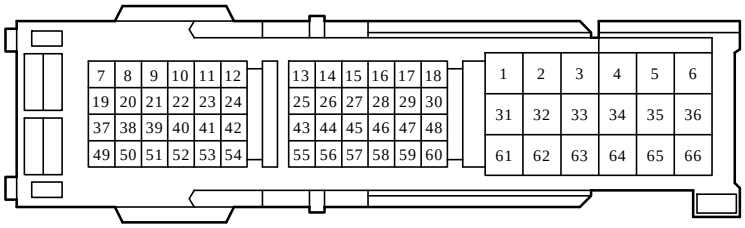
S 5
Black



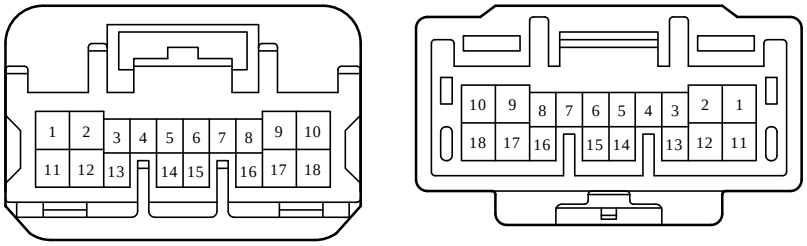
S 6
Black



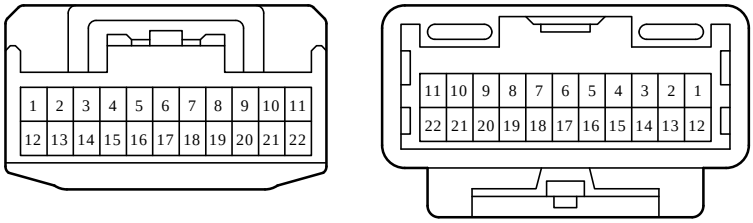
DD
White



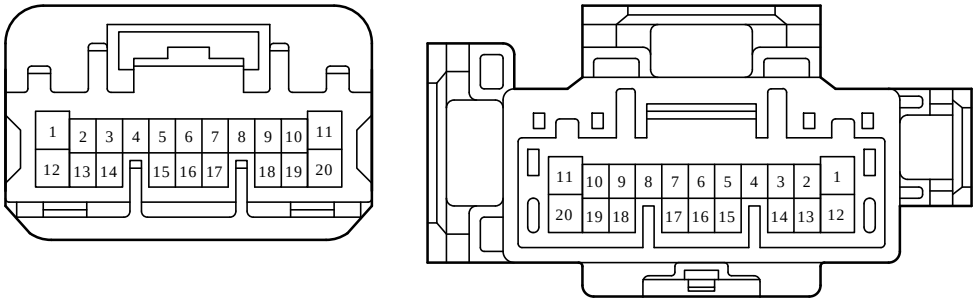
AJ2
Gray



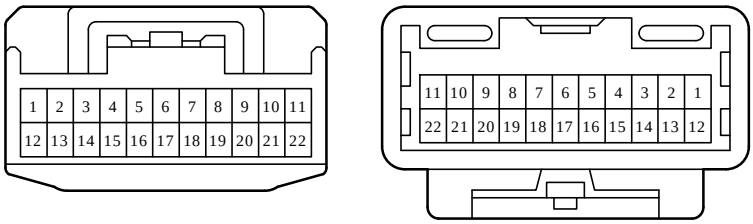
AJ5
Gray



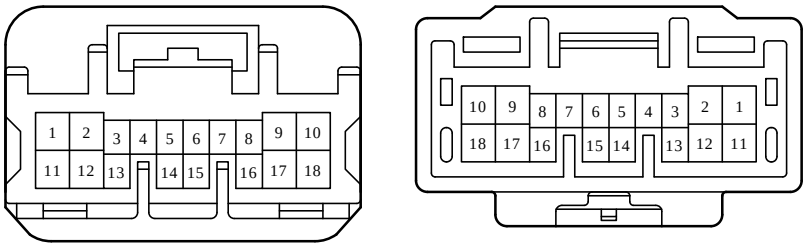
AJ9
White



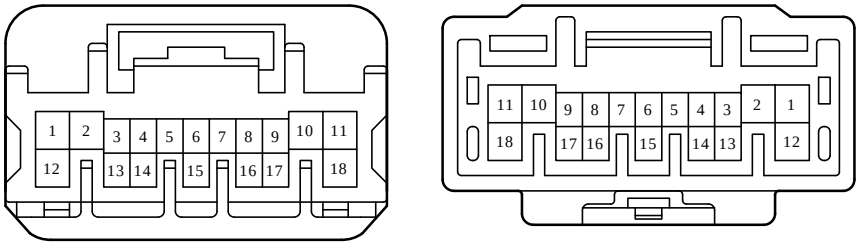
AJ10
Gray



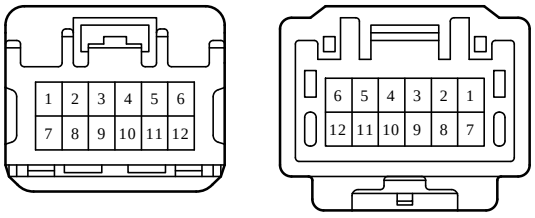
DA4
Gray



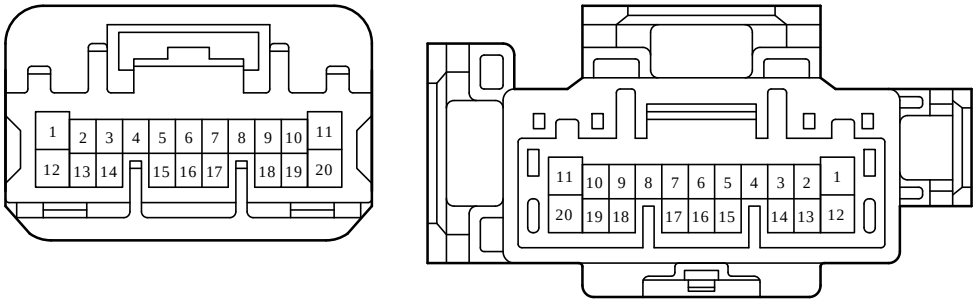
MJ2
Blue



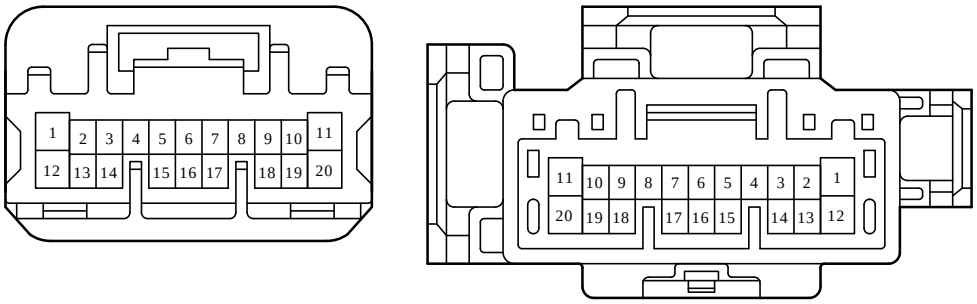
NJ1
Blue



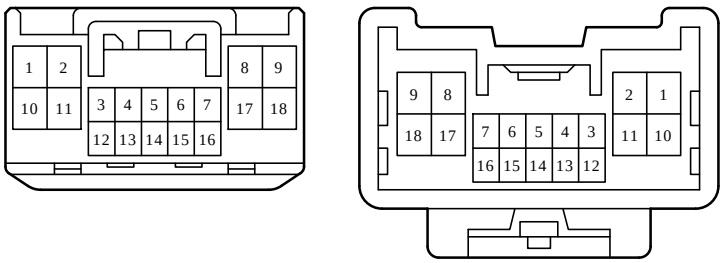
NJ2
White



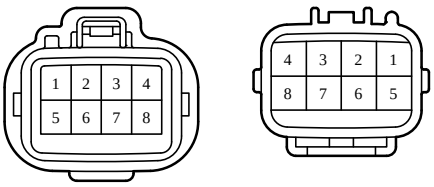
PJ2
White



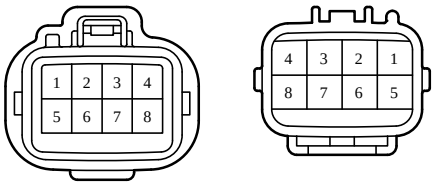
RA6
White

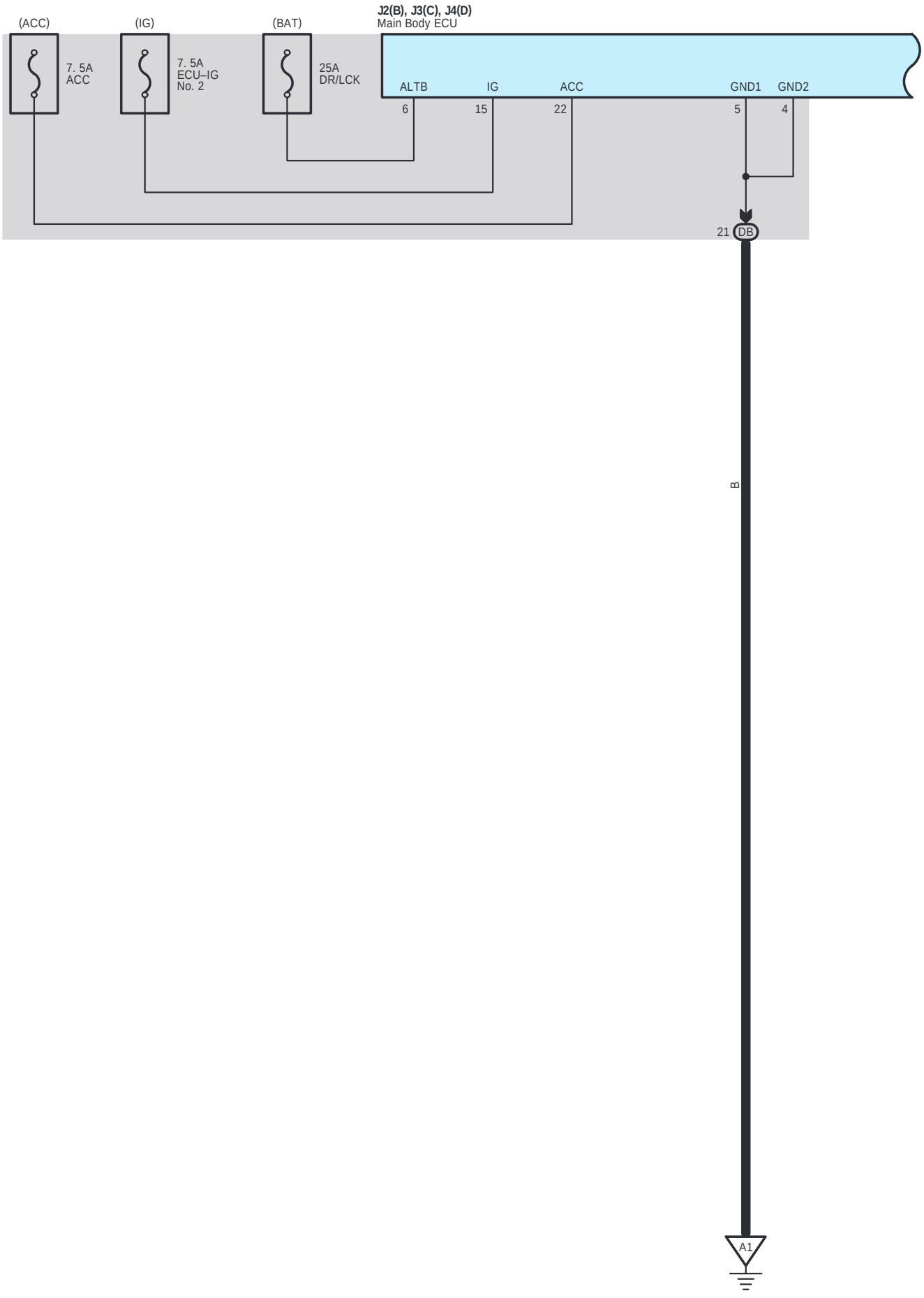


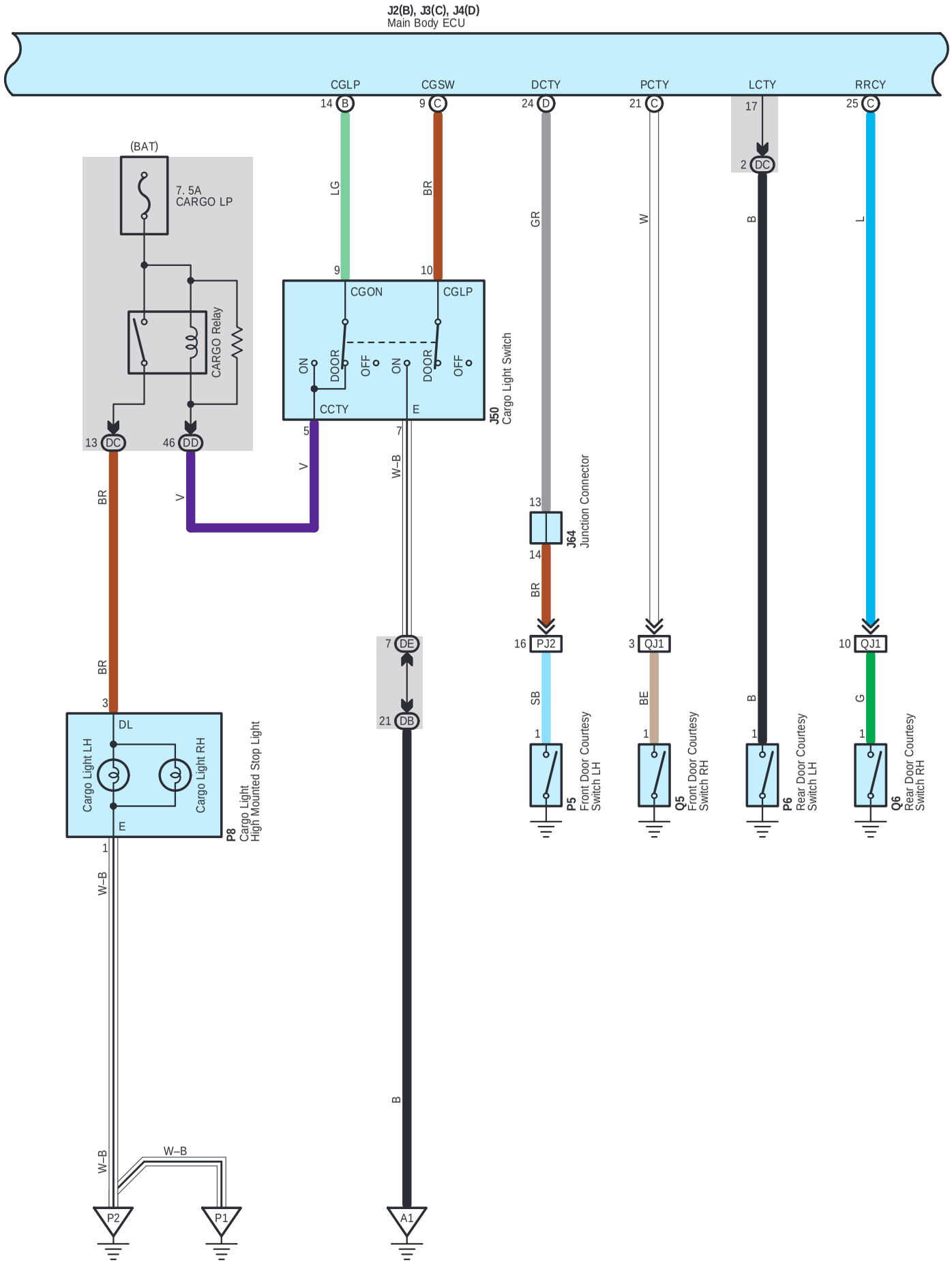
SR1
Black

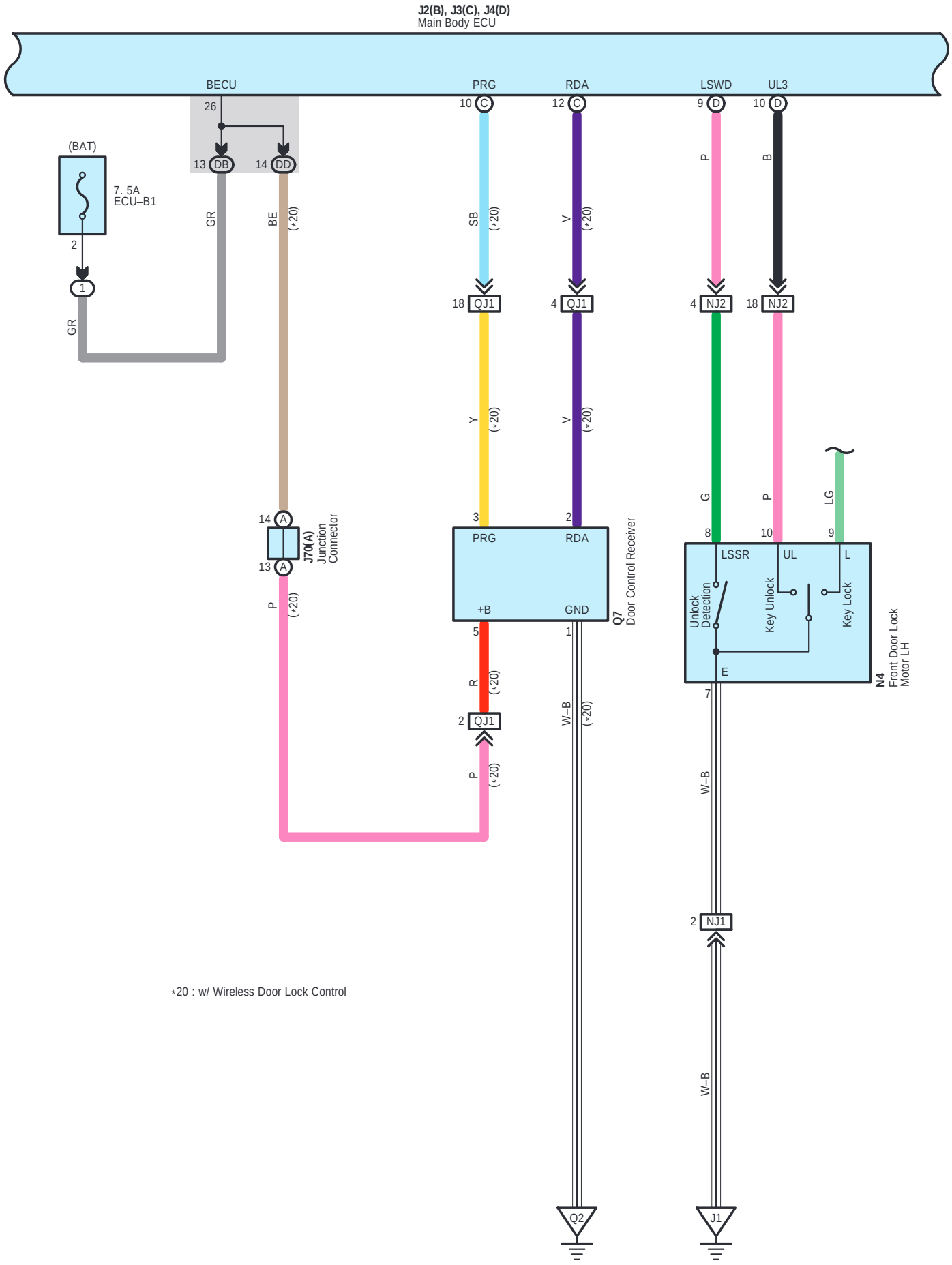


SR2
Black

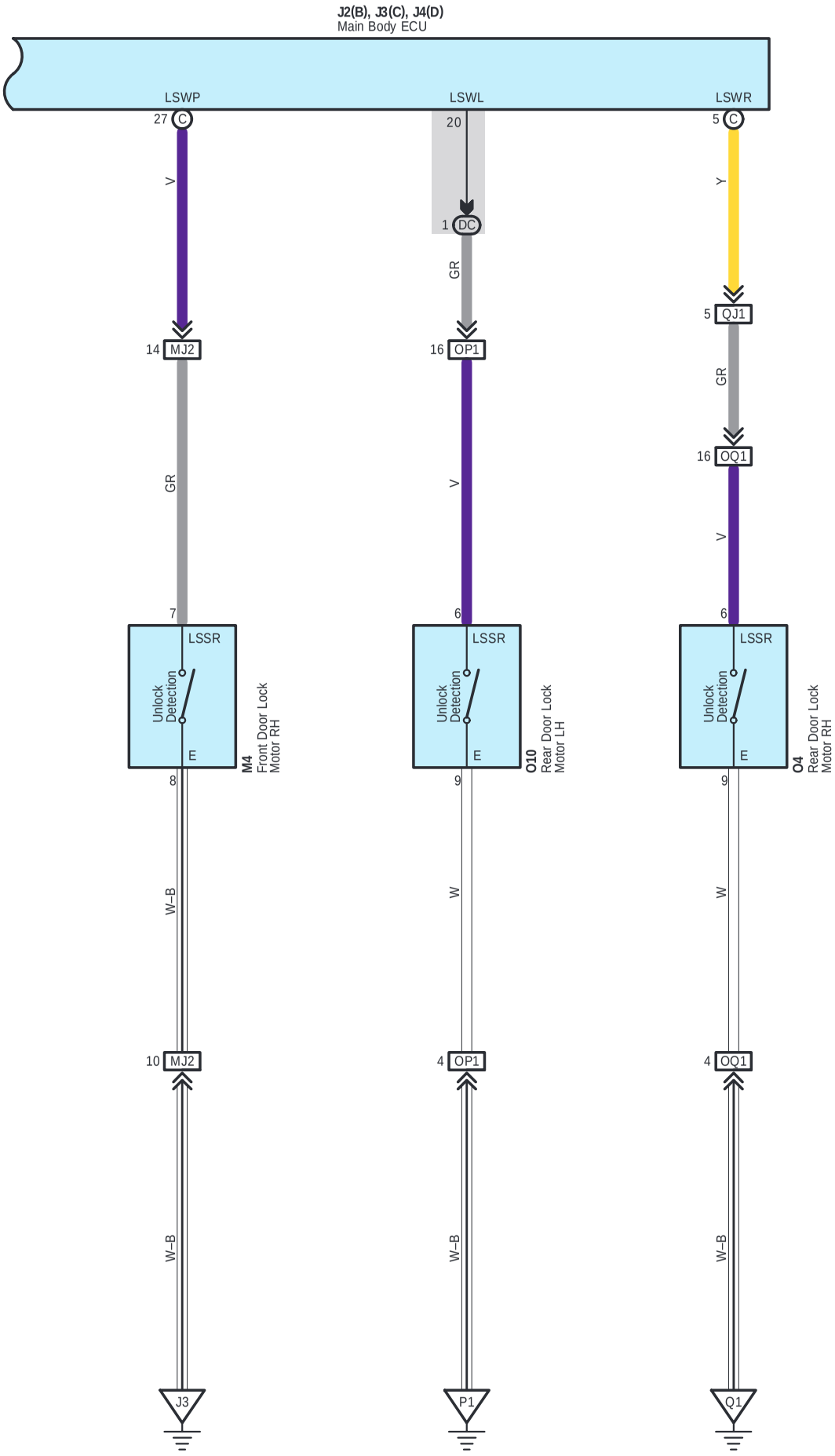



(ACC)
(IG)
(BAT)
J2(B), J3(C), J4(D)
Main Body ECU
7. 5A
ACC
7. 5A
ECU–IG
No. 2
25A
DR/LCK
ALTB
IG
ACC
GND1
GND2
6
15
22
5
4
21
DB
B
A1

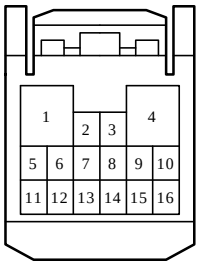

J2(B), J3(C), J4(D)
Main Body ECU
CGLP
CGSW
DCTY
PCTY
LCTY
RRCY
14 B
9 C
24 D
21 C
17
25 C
2 DC
(BAT)
7. 5A
CARGO LP
CARGO Relay
LG
BR
GR
W
B
L
9
10
CGON
CGLP
ON
DOOR
OFF
CCTY
E
J50
Cargo Light Switch
13 DC
46 DD
5
7
V
W–B
BR
13
J64
Junction Connector
14
16 PJ2
3 QJ1
10 QJ1
SB
BE
G
1
P5
Front Door Courtesy
Switch LH
Q5
Front Door Courtesy
Switch RH
P6
Rear Door Courtesy
Switch LH
Q6
Rear Door Courtesy
Switch RH
7 DE
21 DB
3
DL
Cargo Light LH
Cargo Light RH
E
P8
Cargo Light
High Mounted Stop Light
P2
P1
A1



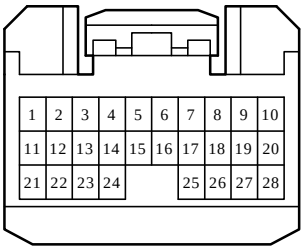
*20 : w/ Wireless Door Lock Control


J2(B), J3(C), J4(D)
Main Body ECU
LSWP
LSWL
LSWR
27 C
20
5 C
V
1 DC
GR
Y
5 QJ1
GR
14 MJ2
16 OP1
16 OQ1
V
V
7
6
6
LSSR
LSSR
LSSR
Unlock Detection
E
M4
Front Door Lock Motor RH
O10
Rear Door Lock Motor LH
O4
Rear Door Lock Motor RH
8
9
9
W-B
W
W
10 MJ2
4 OP1
4 OQ1
W-B
W-B
J3
P1
Q1

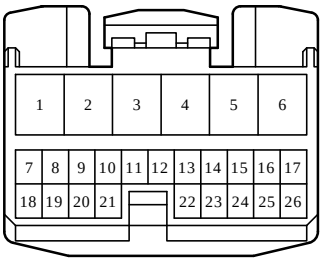
J 2
White



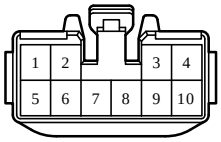
J 3
White



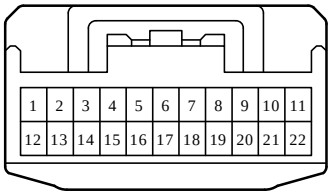
J 4
White



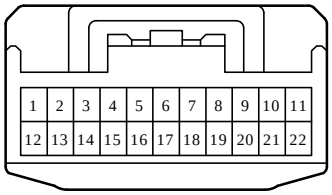
J 50
Black



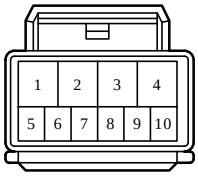
J 64
White



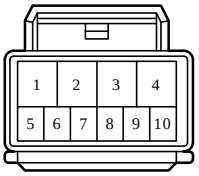
J 70
Blue



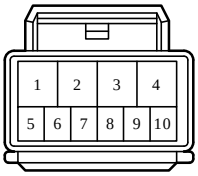
M 4
White



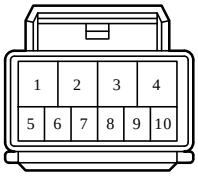
N 4
White



O 4
White



O 10
White



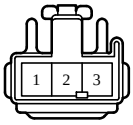
P 5
White



P 6
White



P 8
White



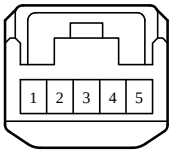
Q 5
White



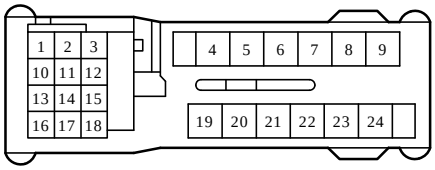
Q 6
White



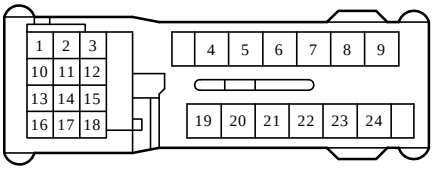
Q 7
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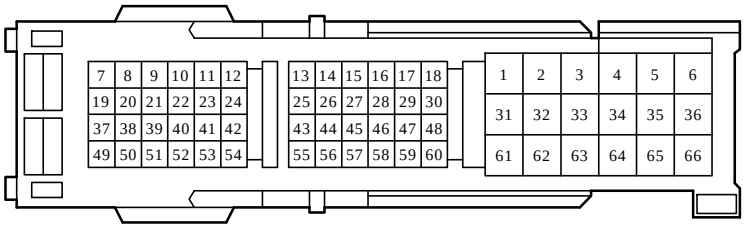
DB
White



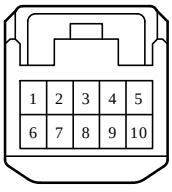
DC
White



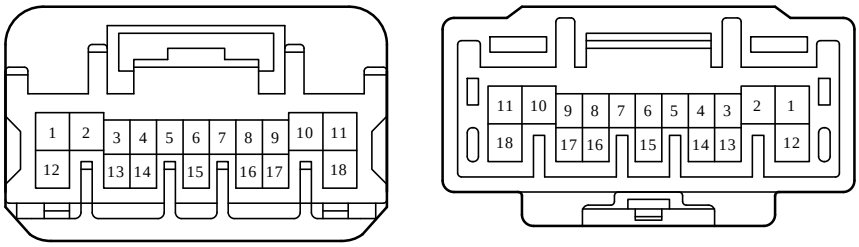
DD
White



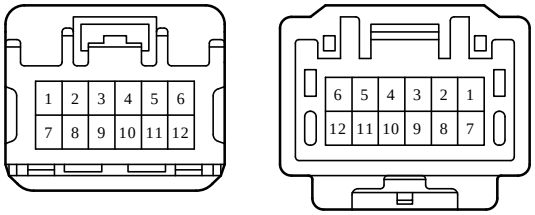
DE
White



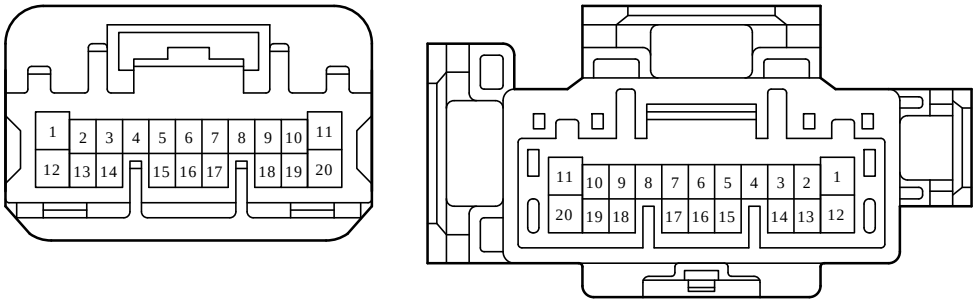
MJ2
Blue



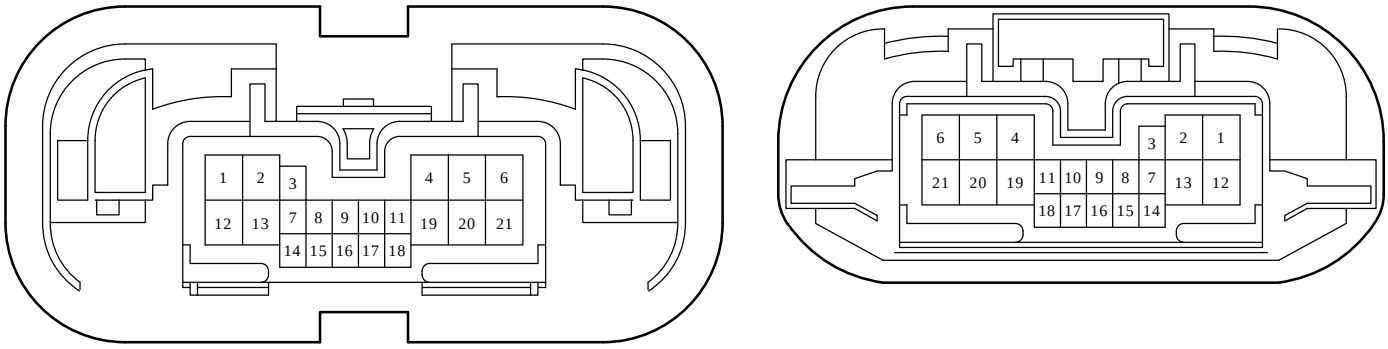
NJ1
Blue



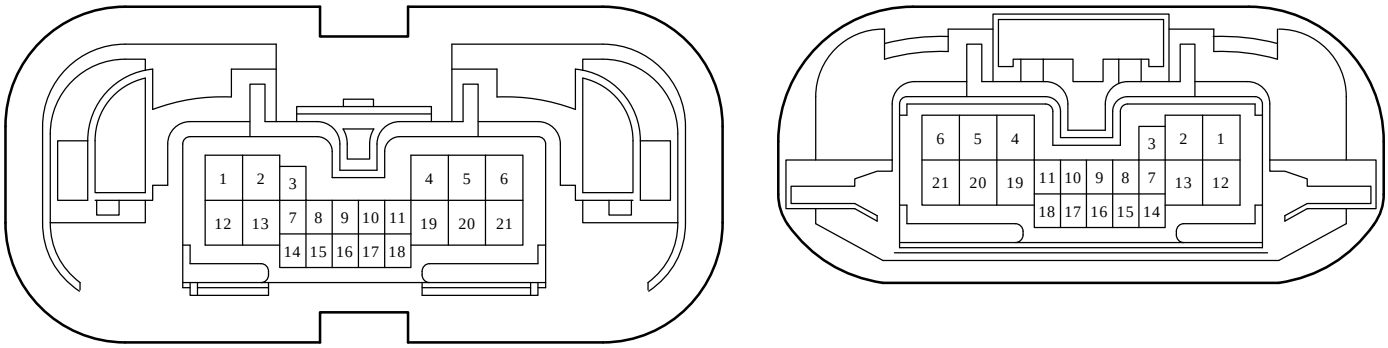
NJ2
White



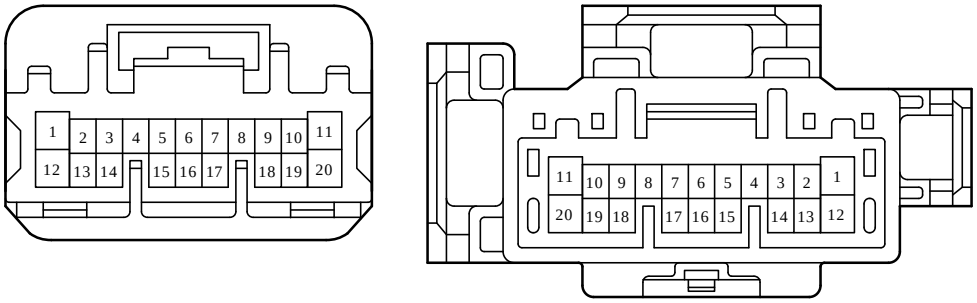
OP1
White



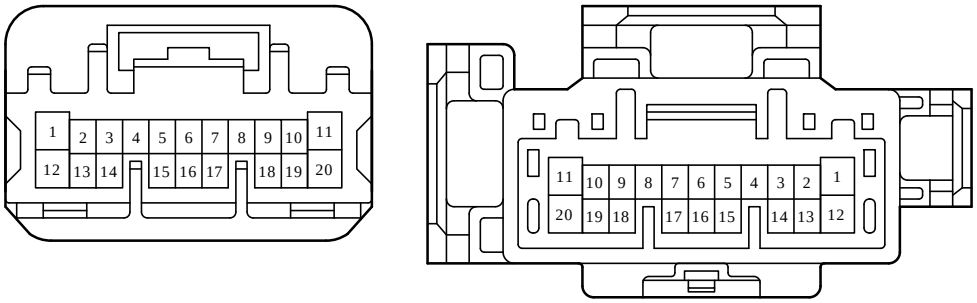
OQ1
White



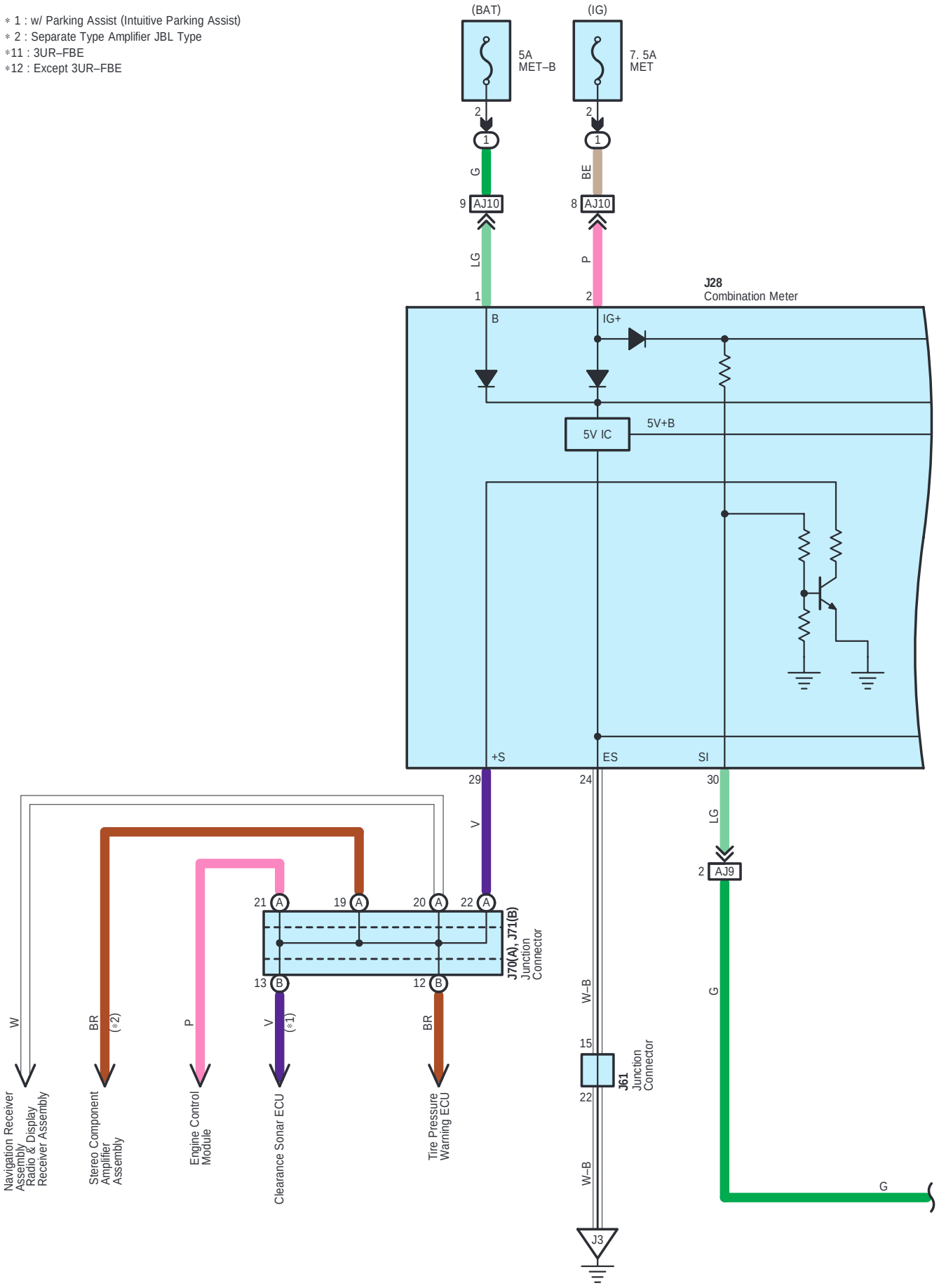
PJ2
White

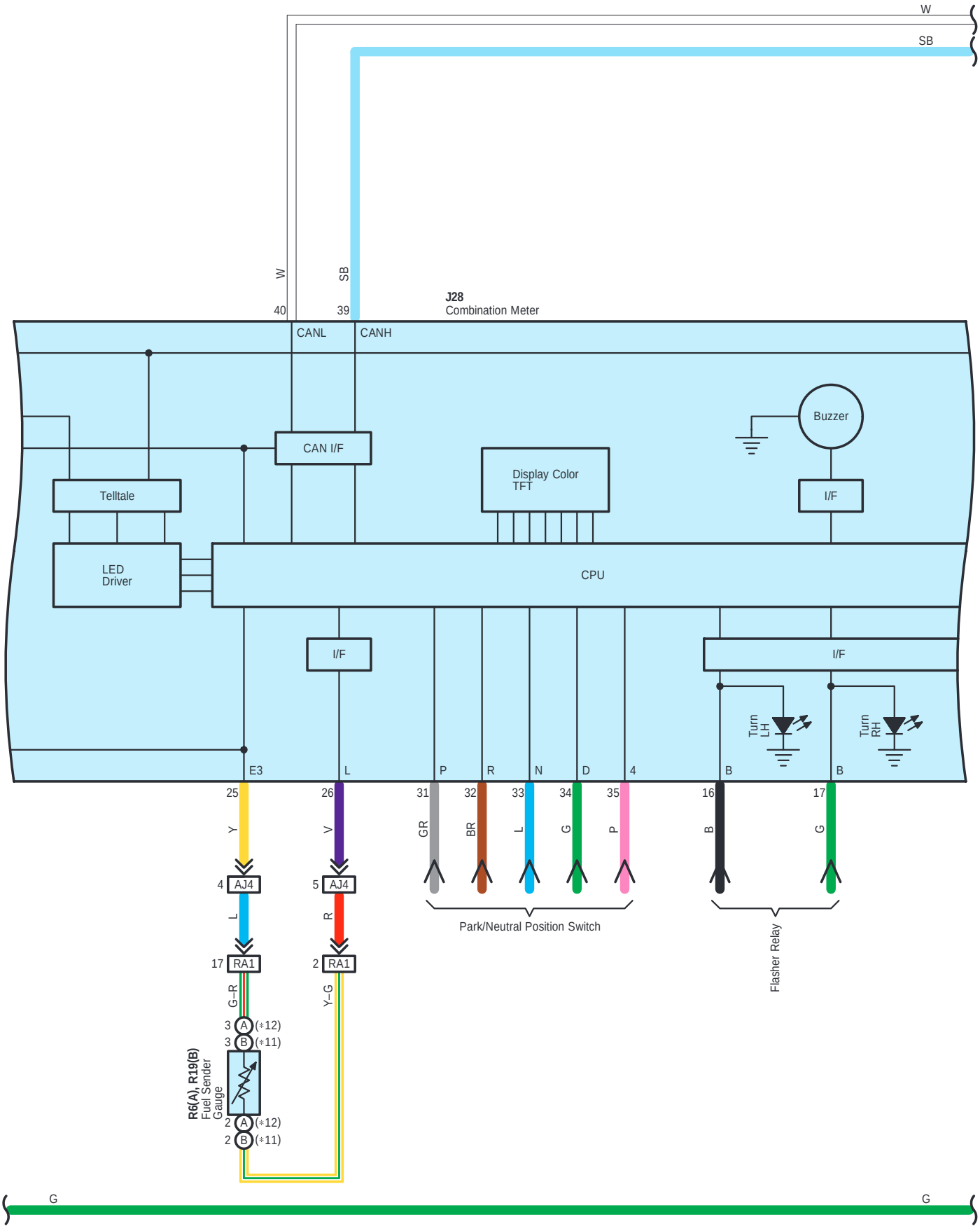


QJ1
White



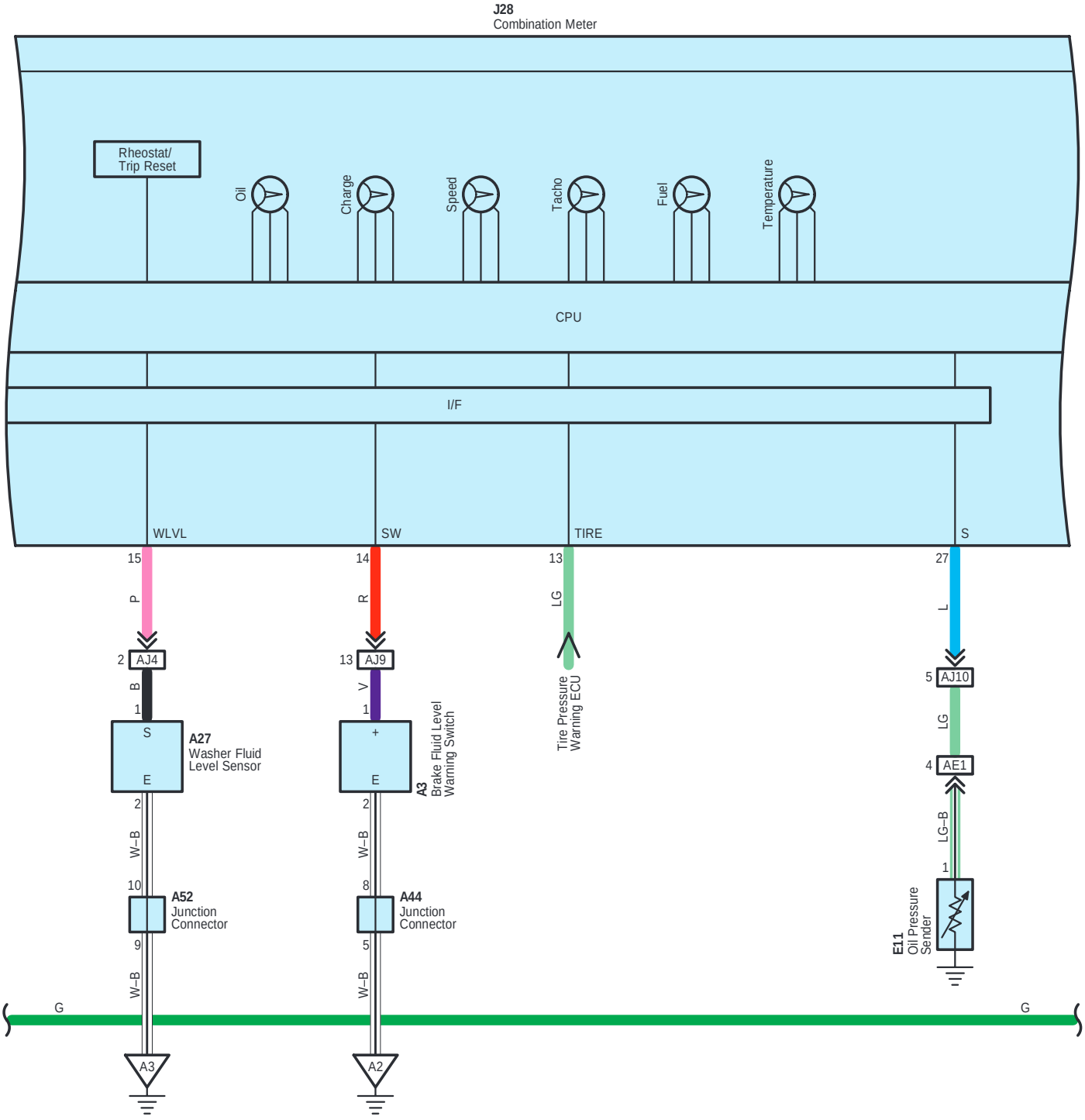
∗ 1 : w/ Parking Assist (Intuitive Parking Assist)
∗ 2 : Separate Type Amplifier JBL Type
∗11 : 3UR–FBE
∗12 : Except 3UR–FBE

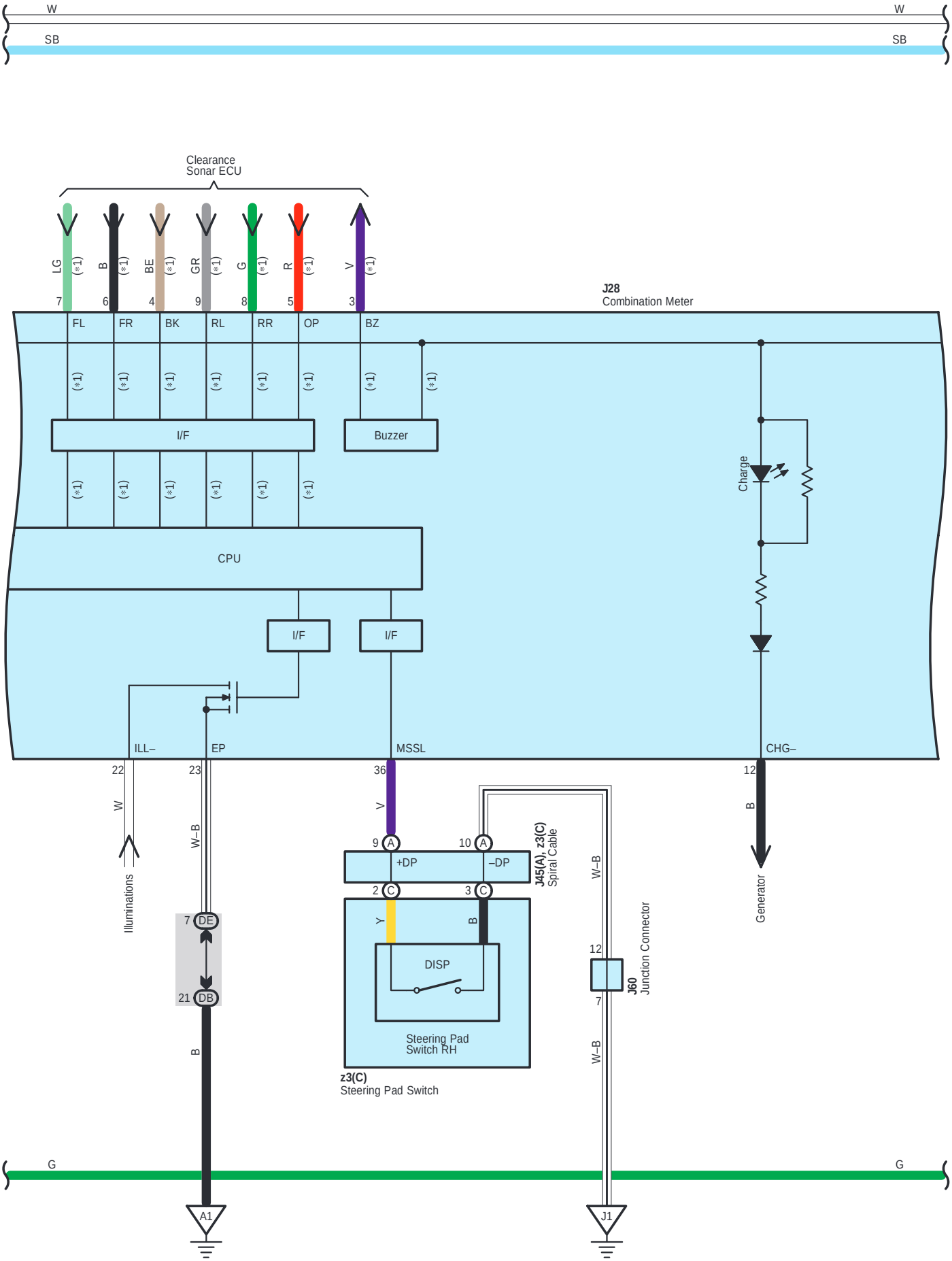


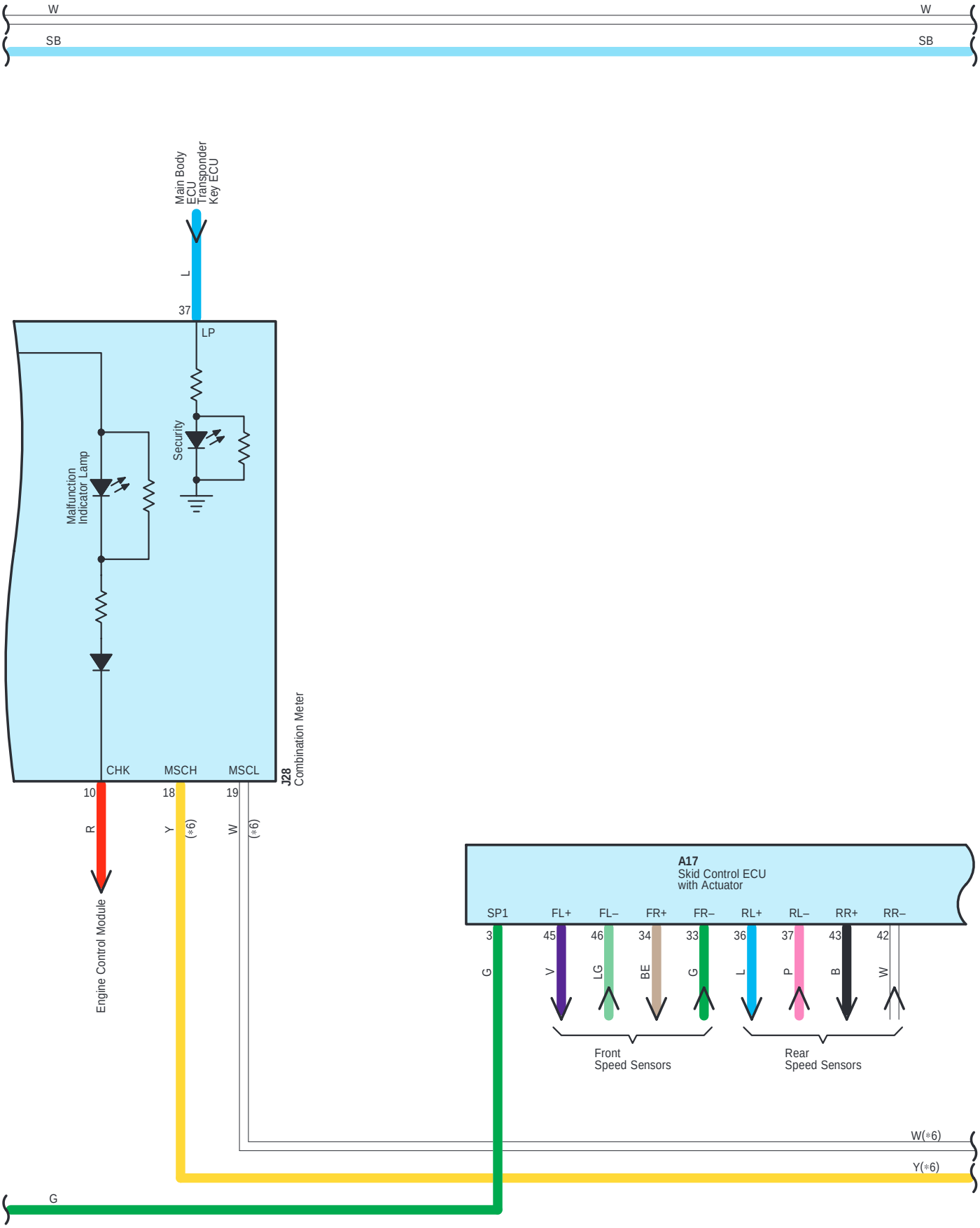

W
SB
W
SB
40
39
J28
Combination Meter
CANL
CANH
CAN I/F
Telltale
LED
Driver
Display Color
TFT
Buzzer
I/F
CPU
I/F
I/F
Turn
LH
Turn
RH
E3
L
P
R
N
D
4
B
B
25
Y
4
AJ4
L
17
RA1
G–R
3
A
(*12)
3
B
(*11)
R6(A), R19(B)
Fuel Sender
Gauge
2
A
(*12)
2
B
(*11)
26
V
5
AJ4
R
2
RA1
Y–G
31
GR
32
BR
33
L
34
G
35
P
Park/Neutral Position Switch
16
B
17
G
Flasher Relay
G
G

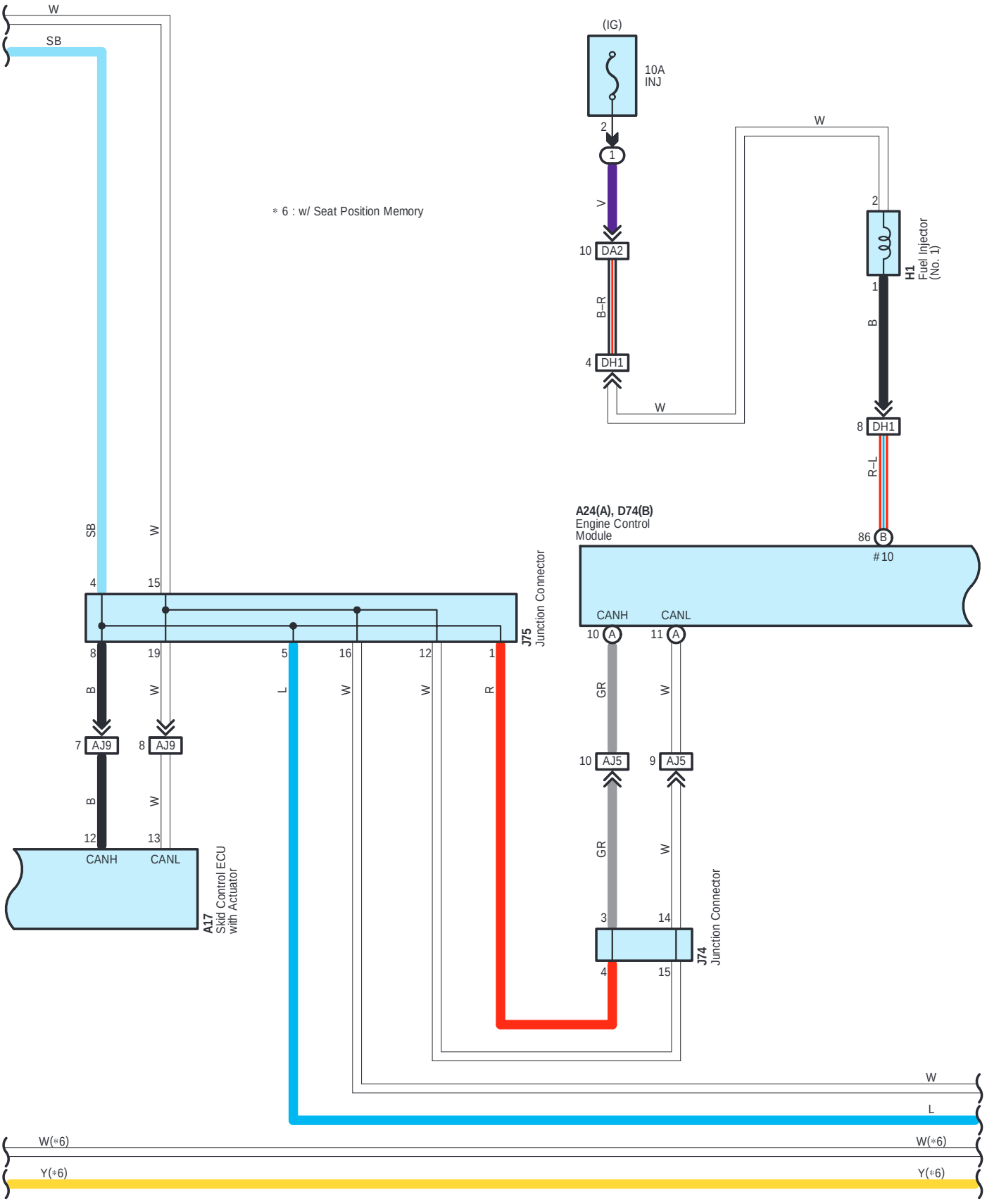


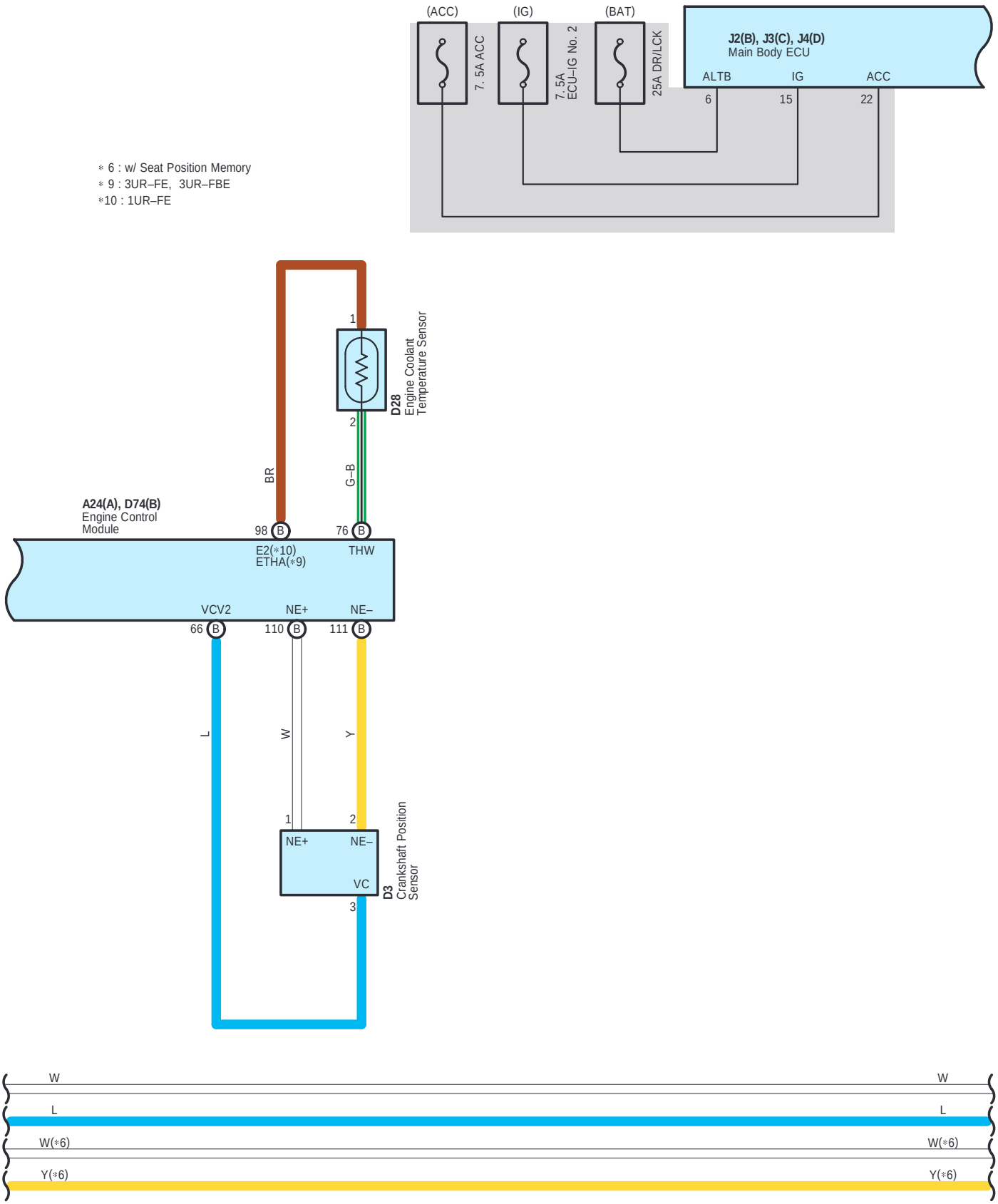
* 1 : w/ Parking Assist (Intuitive Parking Assist)

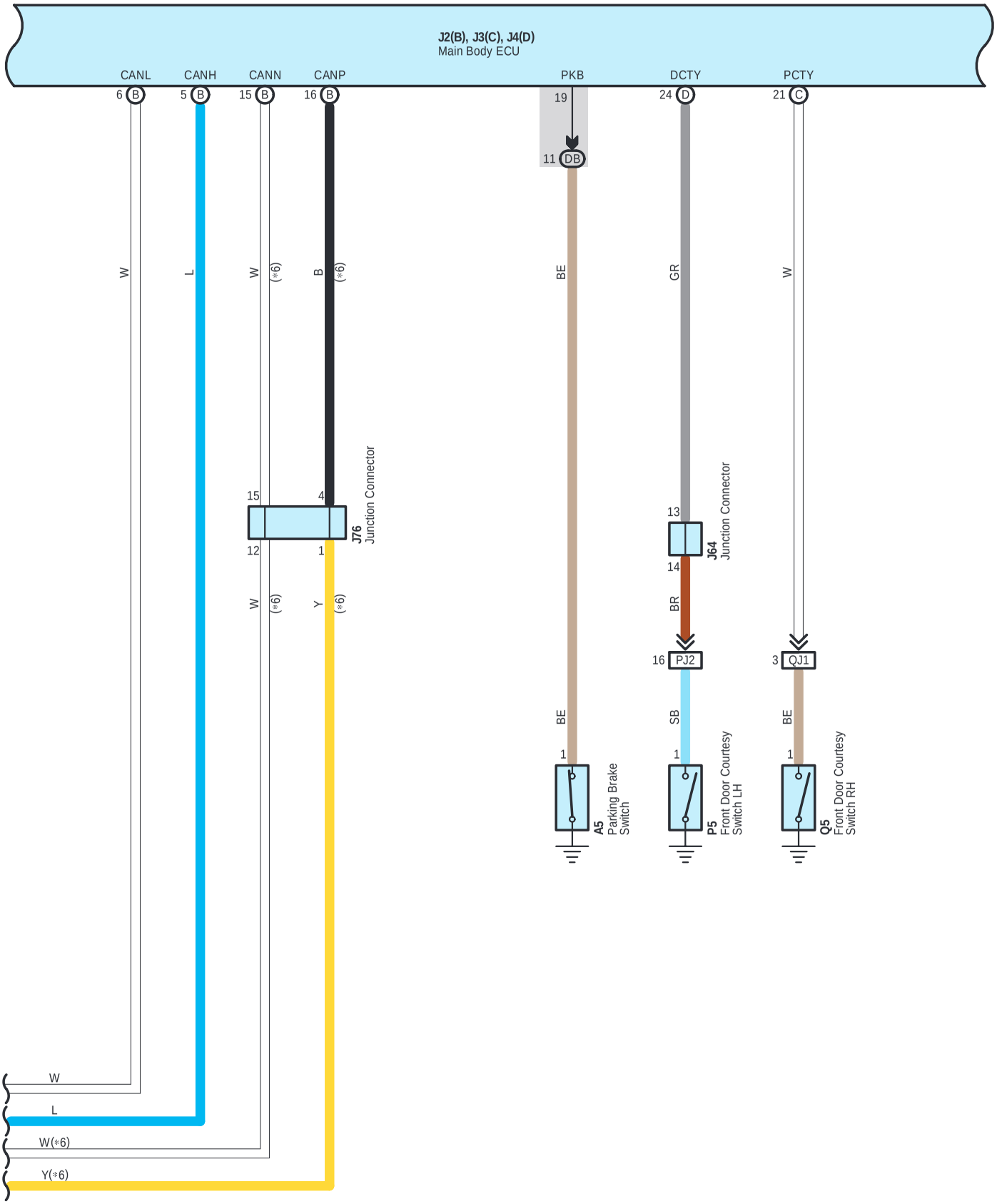


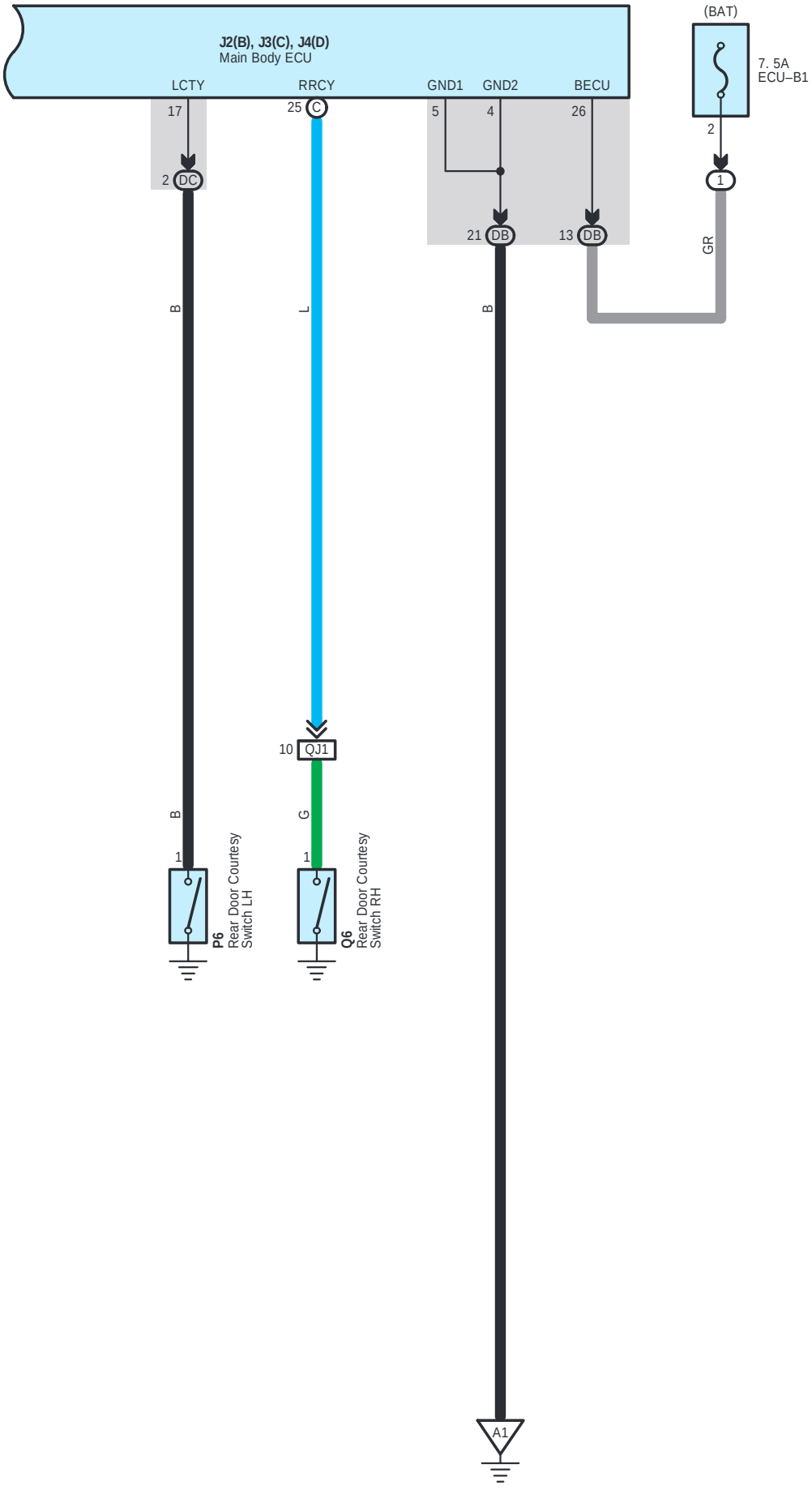

W
SB
W
SB
Clearance
Sonar ECU
LG
B
BE
GR
G
R
V
(*1)
7
6
4
9
8
5
3
J28
Combination Meter
FL
FR
BK
RL
RR
OP
BZ
I/F
Buzzer
CPU
I/F
I/F
Charge
ILL–
EP
MSSL
CHG–
22
23
36
12
W
W–B
V
B
Illuminations
9 A
10 A
+DP
–DP
J45(A), z3(C)
Spiral Cable
2 C
3 C
Y
B
DISP
Steering Pad
Switch RH
z3(C)
Steering Pad Switch
7 DE
21 DB
B
W–B
12
7
J60
Junction Connector
Generator
G
G
A1
J1


W
W
SB
SB
Main Body ECU Transponder Key ECU
L
37
LP
Security
Malfunction Indicator Lamp
CHK
MSCH
MSCL
J28
Combination Meter
10
18
19
R
Y
(*6)
W
(*6)
Engine Control Module
A17
Skid Control ECU with Actuator
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
3
45
46
34
33
36
37
43
42
G
V
LG
BE
G
L
P
B
W
Front Speed Sensors
Rear Speed Sensors
W(*6)
Y(*6)
G


W
SB
(IG)
10A
INJ
2
1
V
10
DA2
B–R
4
DH1
W
W
2
H1
Fuel Injector
(No. 1)
1
B
8
DH1
R–L
86
B
#10
＊6 : w/ Seat Position Memory
A24(A), D74(B)
Engine Control
Module
CANH
CANL
10
A
11
A
SB
W
4
15
J75
Junction Connector
8
19
5
16
12
1
B
W
L
W
W
R
7
AJ9
8
AJ9
GR
W
10
AJ5
9
AJ5
B
W
GR
W
12
13
CANH
CANL
A17
Skid Control ECU
with Actuator
3
14
J74
Junction Connector
4
15
W
L
W(＊6)
W(＊6)
Y(＊6)
Y(＊6)


(ACC)
(IG)
(BAT)
7. 5A ACC
7. 5A ECU–IG No. 2
25A DR/LCK
J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
6
15
22
∗ 6 : w/ Seat Position Memory
∗ 9 : 3UR–FE, 3UR–FBE
∗10 : 1UR–FE
1
2
D28
Engine Coolant Temperature Sensor
BR
G–B
A24(A), D74(B)
Engine Control Module
98 B
76 B
E2(∗10)
ETHA(∗9)
THW
VCV2
NE+
NE–
66 B
110 B
111 B
L
W
Y
1
2
NE+
NE–
VC
3
D3
Crankshaft Position Sensor
W
L
W(∗6)
Y(∗6)
W
L
W(∗6)
Y(∗6)


J2(B), J3(C), J4(D)
Main Body ECU
CANL
CANH
CANN
CANP
PKB
DCTY
PCTY
6 B
5 B
15 B
16 B
19
11 DB
24 D
21 C
W
L
W
(*6)
B
(*6)
BE
GR
W
15
4
12
1
J76
Junction Connector
W
(*6)
Y
(*6)
13
14
J64
Junction Connector
BR
16 PJ2
3 QJ1
BE
SB
BE
1
1
1
A5
Parking Brake
Switch
P5
Front Door Courtesy
Switch LH
Q5
Front Door Courtesy
Switch RH
W
L
W(*6)
Y(*6)


J2(B), J3(C), J4(D)
Main Body ECU
LCTY
RRCY
GND1
GND2
BECU
17
25
5
4
26
2
DC
C
21
DB
13
DB
(BAT)
7. 5A
ECU–B1
2
1
GR
B
L
B
10
QJ1
B
G
1
1
P6
Rear Door Courtesy
Switch LH
Q6
Rear Door Courtesy
Switch RH
A1

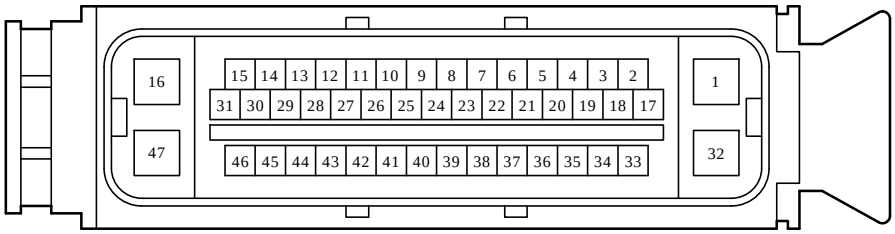
A 3
Gray



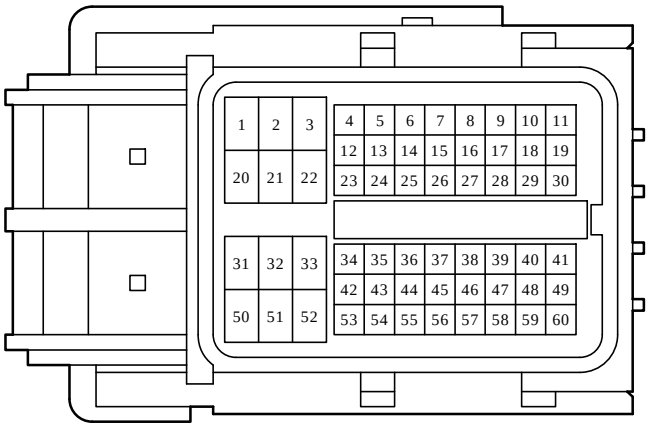
A 5
White



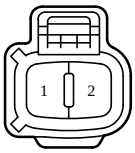
A 17
Black



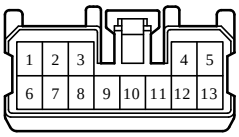
A 24
Black



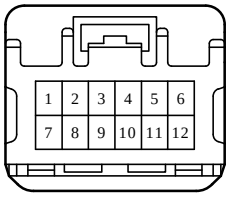
A 27
Black



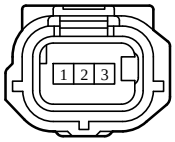
A 44
White



A 52
White



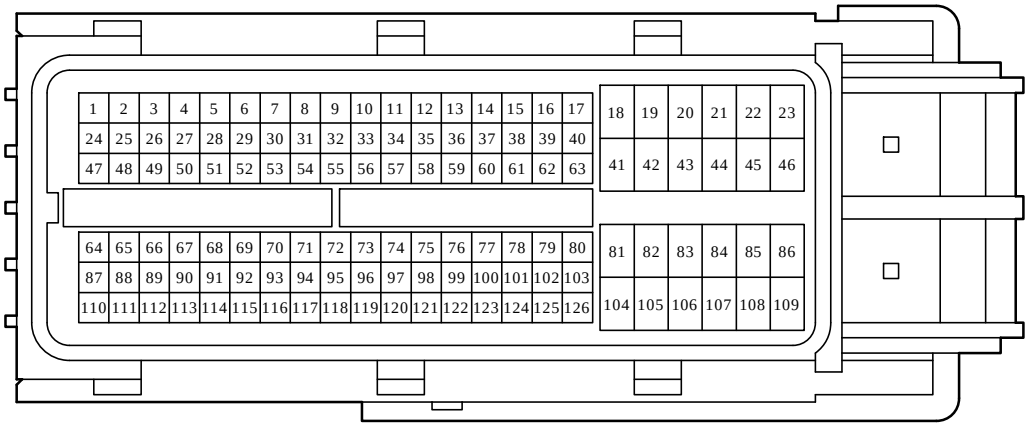
D 3
Black



D 28
Dark Gray



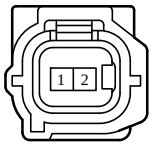
D 74
Black



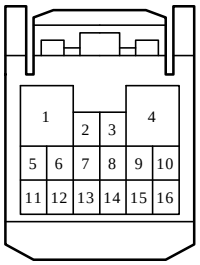
E 11
Black



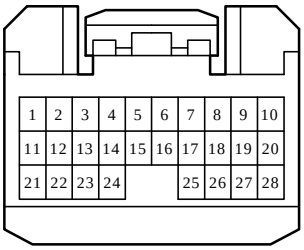
H 1
Black



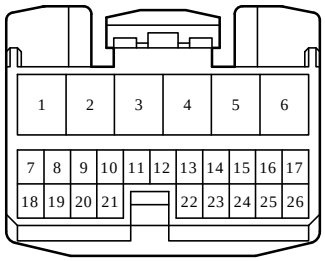
J 2
White



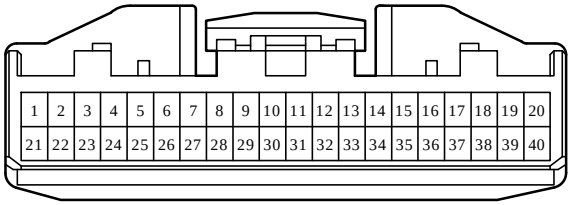
J 3
White



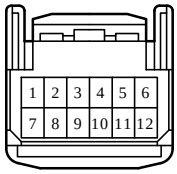
J 4
White



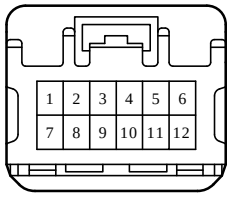
J 28
Black



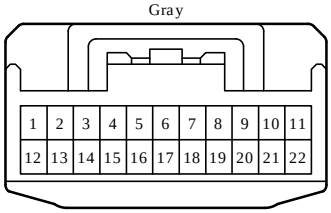
J 45
Black



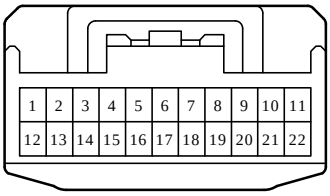
J 60
White



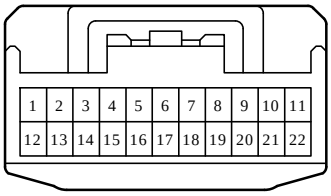
J 61
Gray



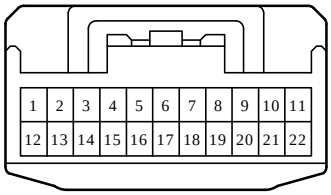
J 64
White



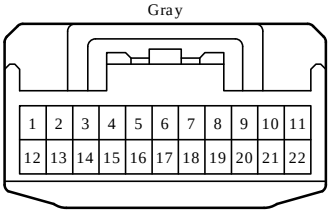
J 70
Blue



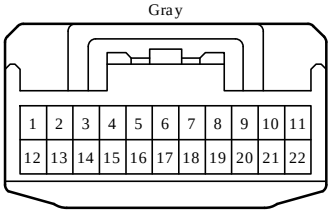
J 71
White



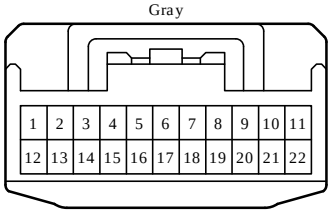
J 74
Gray



J 75
Gray



J 76
Gray



P 5
White



P 6
White



Q 5
White



Q 6
White



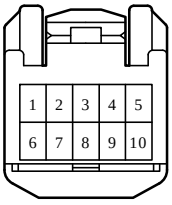
R 6
White



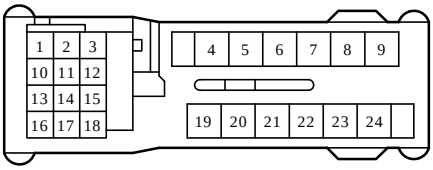
R 19
White



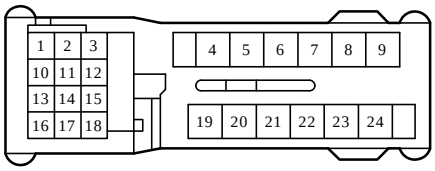
z 3
White



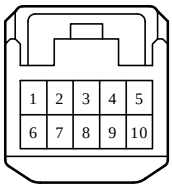
DB
White



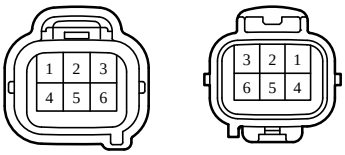
DC
White



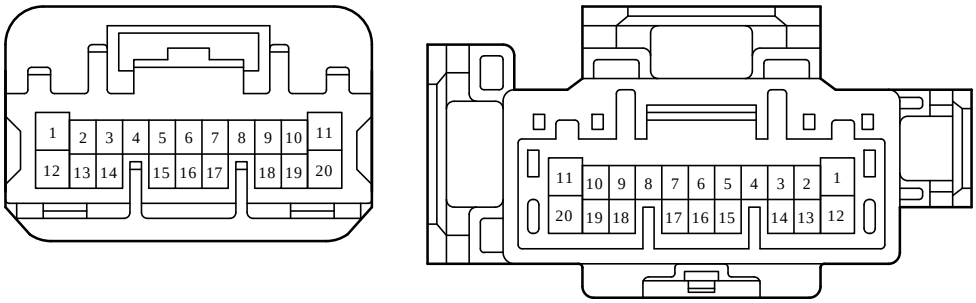
DE
White



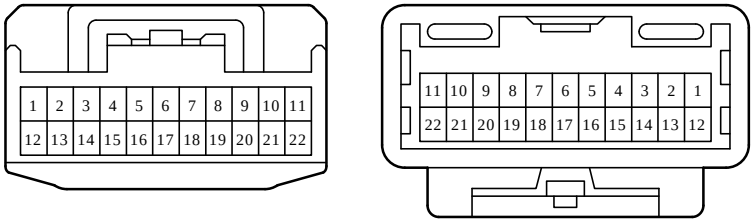
AE1
Gray



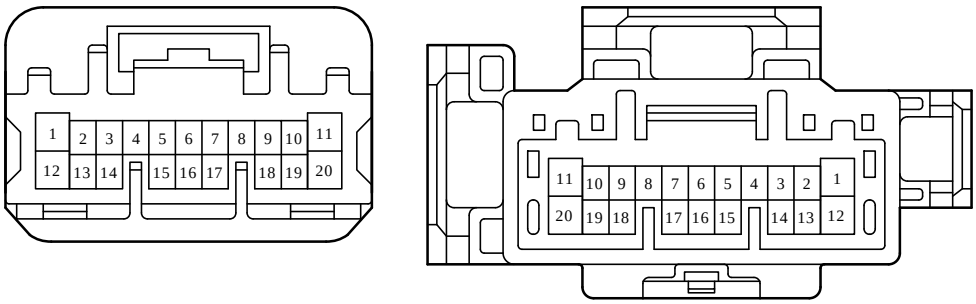
AJ4
White



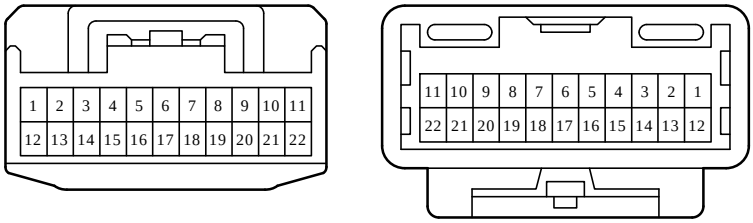
AJ5
Gray



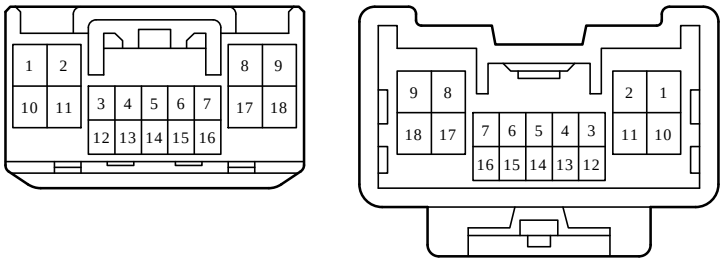
AJ9
White



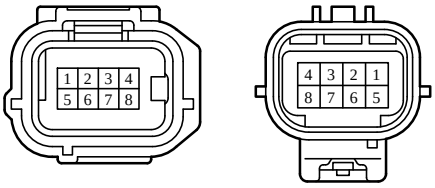
AJ10
Gray



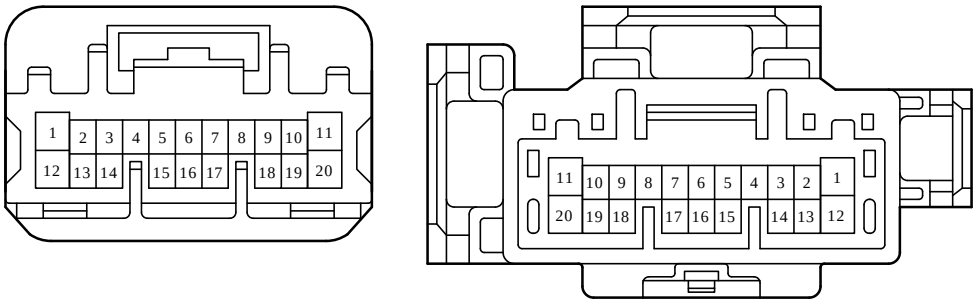
DA2
White



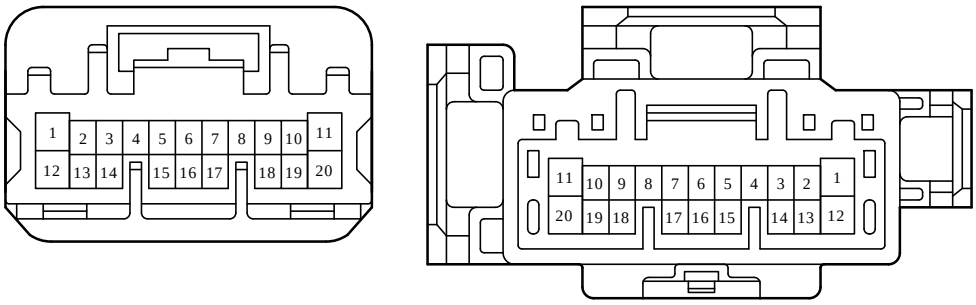
DH1
Gray



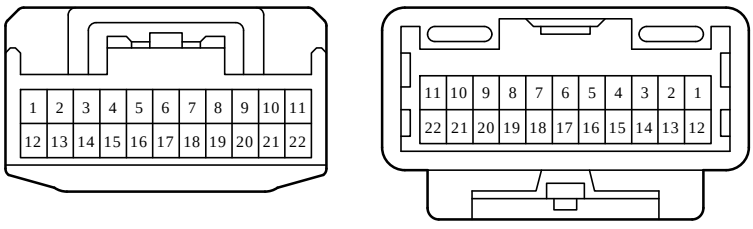
PJ2
White

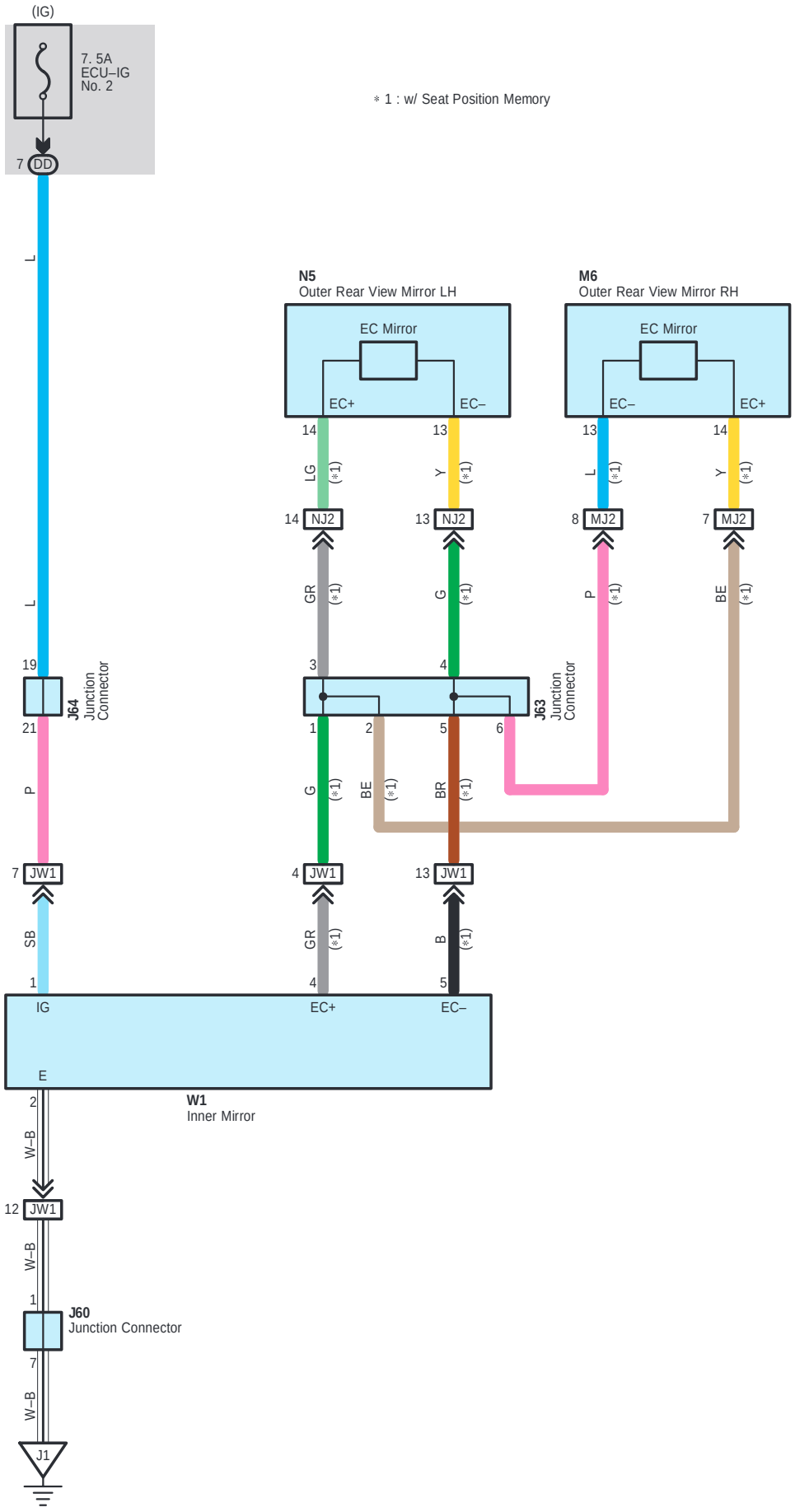


QJ1
White

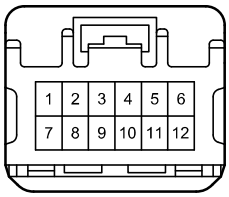


RA1
Black

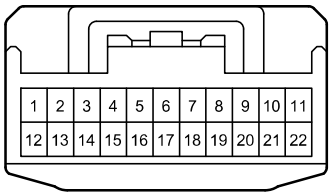



(IG)
7. 5A
ECU–IG
No. 2
7 DD
∗ 1 : w/ Seat Position Memory
N5
Outer Rear View Mirror LH
M6
Outer Rear View Mirror RH
EC Mirror
EC+
EC–
L
LG
Y
GR
G
P
BE
BR
B
SB
W–B
19
21
J64
Junction Connector
3
4
1
2
5
6
J63
Junction Connector
7 JW1
4 JW1
13 JW1
12 JW1
14 NJ2
13 NJ2
8 MJ2
7 MJ2
IG
EC+
EC–
E
W1
Inner Mirror
J60
Junction Connector
J1
(∗1)

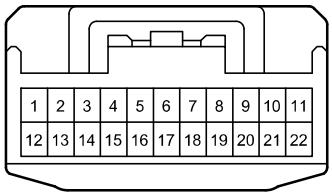
J 60
White



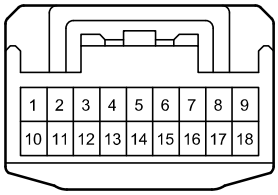
J 63
White



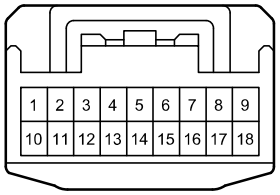
J 64
White



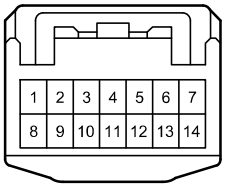
M 6
White



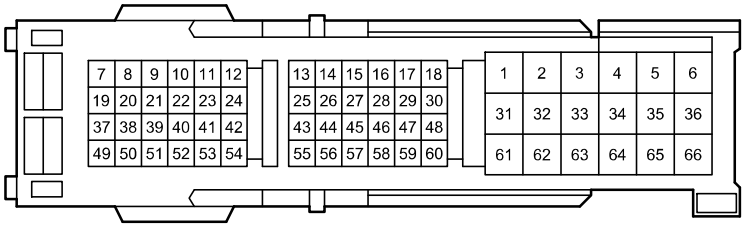
N 5
White



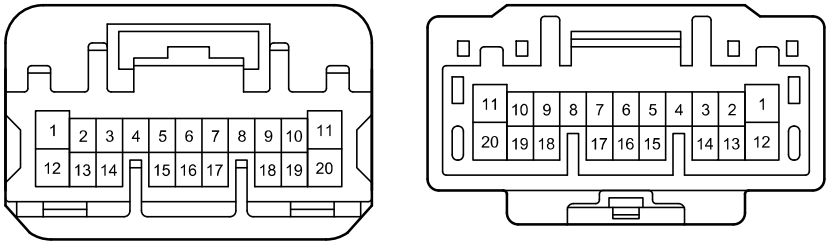
W 1
Black



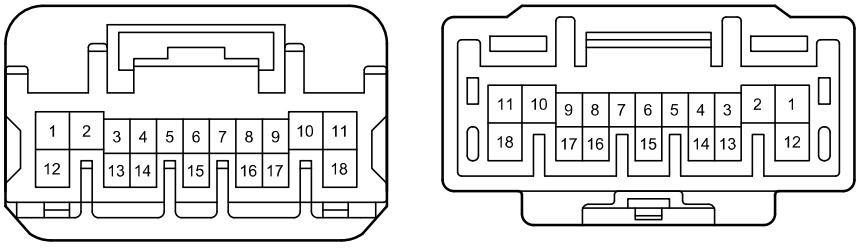
DD
White

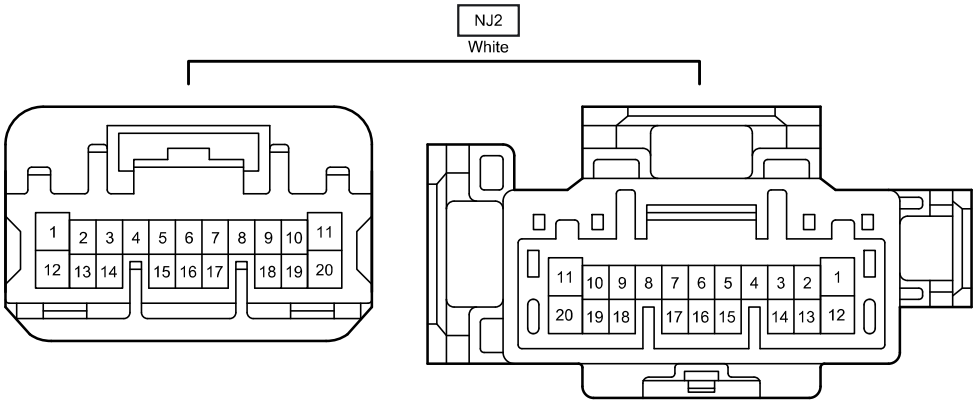


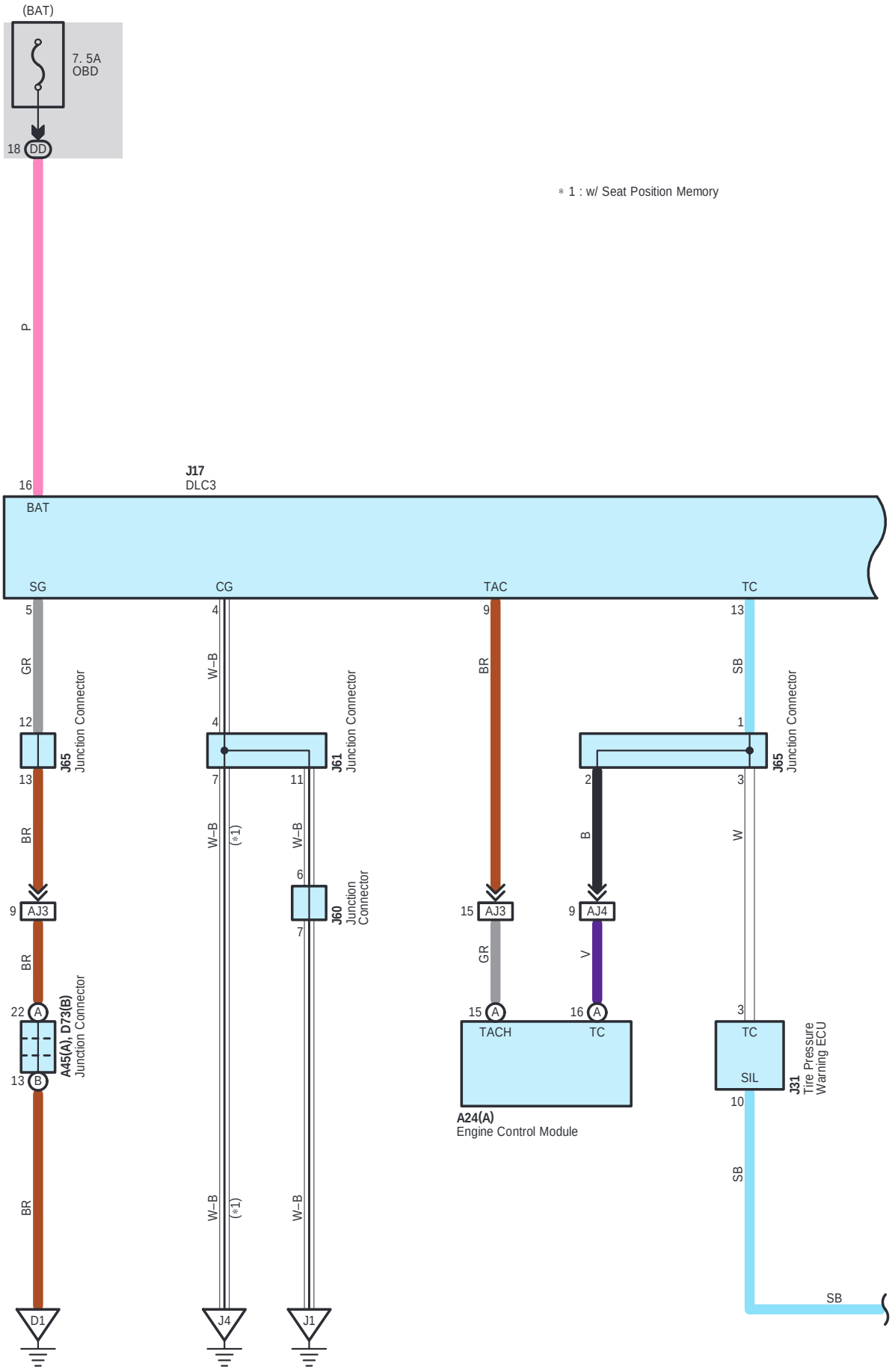
JW1
White

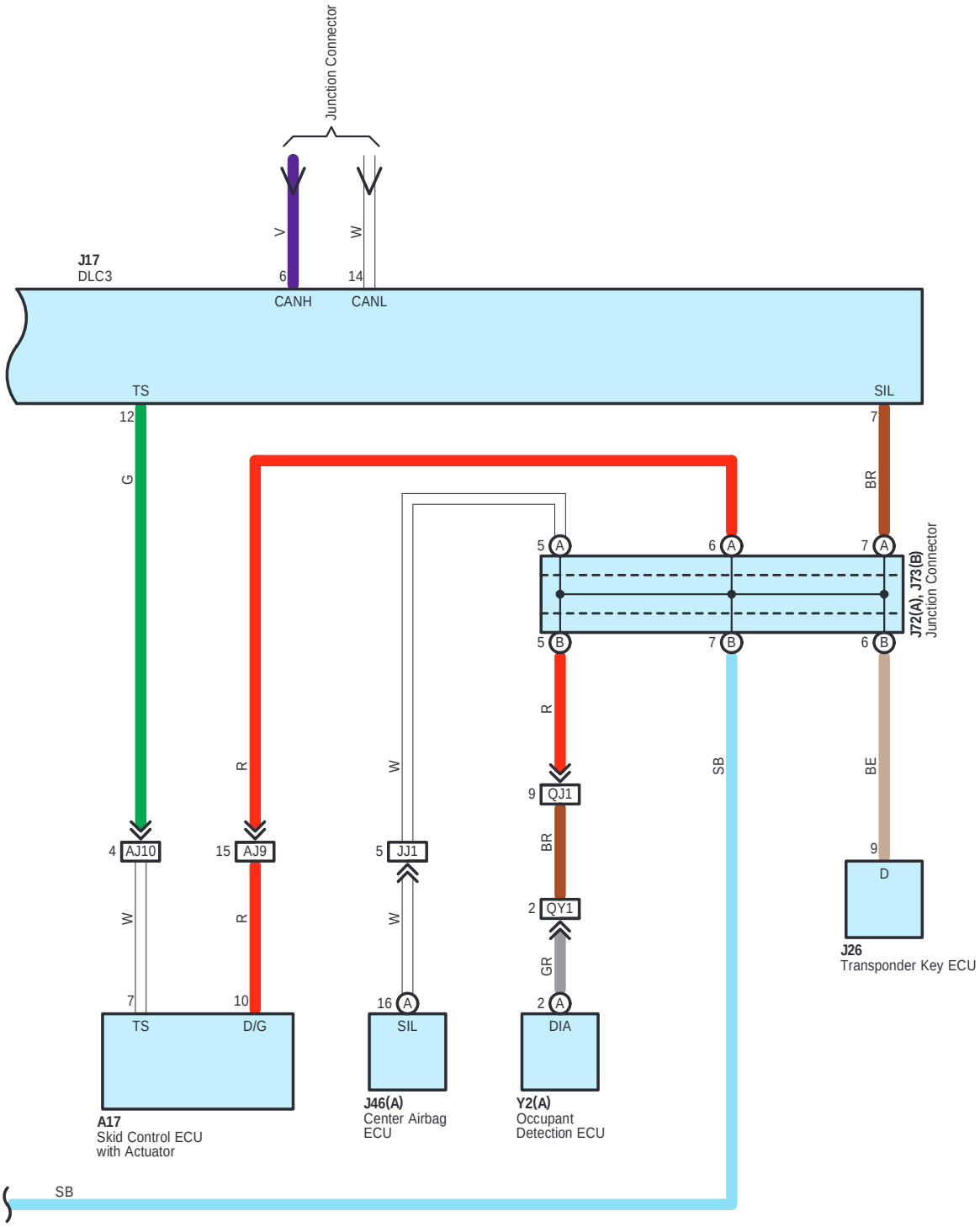


MJ2
Blue

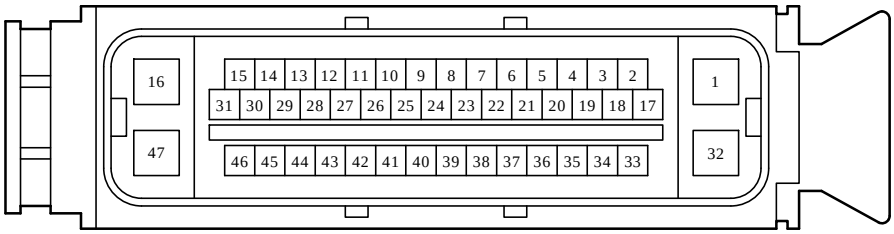



NJ2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

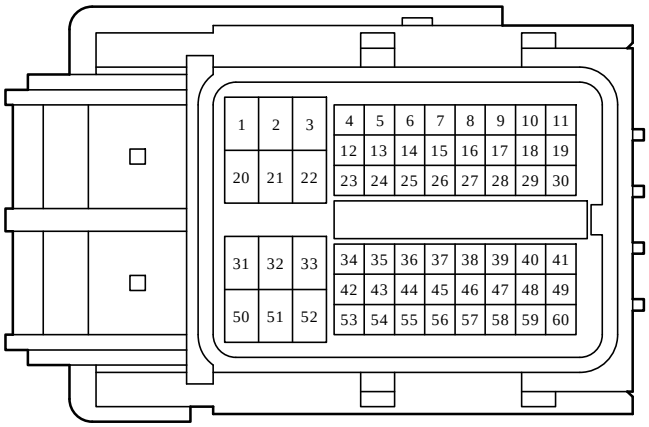

(BAT)
7. 5A
OBD
18 DD
P
16
J17
DLC3
BAT
SG
CG
TAC
TC
5
GR
12
J65
Junction Connector
13
BR
9 AJ3
BR
22 A
A45(A), D73(B)
Junction Connector
13 B
BR
D1
4
W–B
4
J61
Junction Connector
7
W–B
(*1)
11
W–B
6
J60
Junction
Connector
7
W–B
(*1)
W–B
J4
J1
9
BR
15 AJ3
GR
15 A
TACH
16 A
TC
A24(A)
Engine Control Module
2
B
9 AJ4
V
16 A
TC
13
SB
1
J65
Junction Connector
3
W
3
TC
SIL
J31
Tire Pressure
Warning ECU
10
SB
SB
* 1 : w/ Seat Position Memory


Junction Connector
V
W
J17
DLC3
6
14
CANH
CANL
TS
SIL
12
7
G
BR
5 A
6 A
7 A
5 B
7 B
6 B
J72(A), J73(B)
Junction Connector
R
W
SB
BE
9 QJ1
BR
2 QY1
GR
4 AJ10
15 AJ9
5 JJ1
9
D
J26
Transponder Key ECU
W
R
W
7
10
16 A
2 A
TS
D/G
SIL
DIA
A17
Skid Control ECU
with Actuator
J46(A)
Center Airbag
ECU
Y2(A)
Occupant
Detection ECU
SB

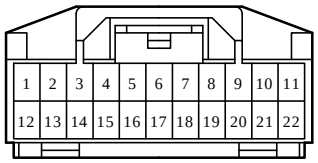
A 17
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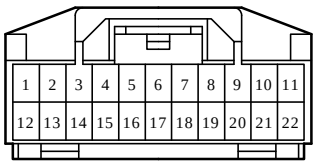
A 24
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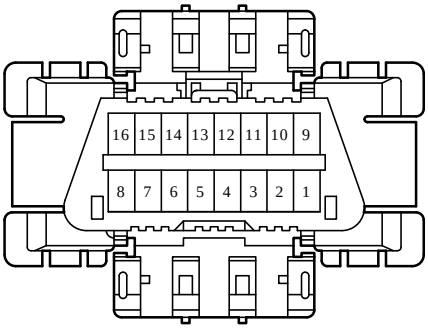
A 45
Blue



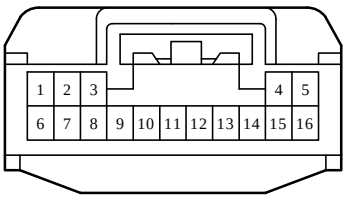
D 73
Blue



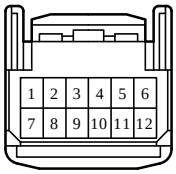
J 17
White



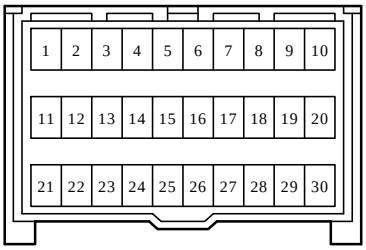
J 26
White



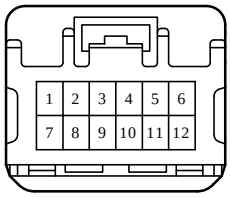
J 31
White



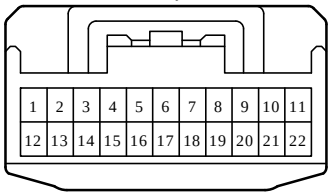
J 46
Yellow



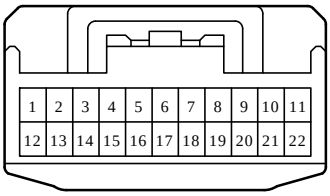
J 60
White



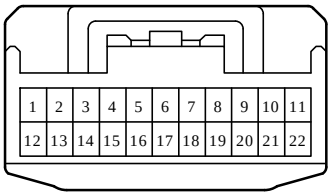
J 61
Gray



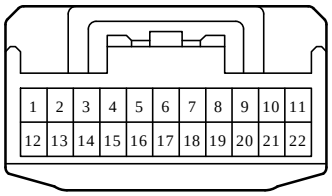
J 65
White



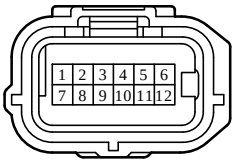
J 72
Black



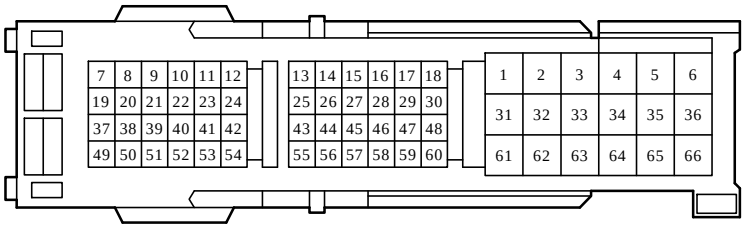
J 73
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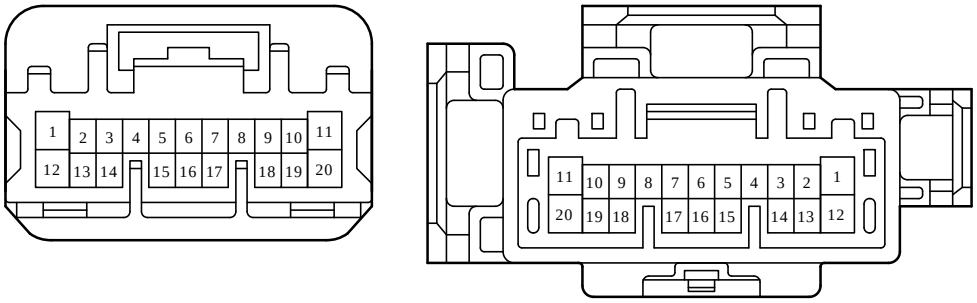
Y 2
Black



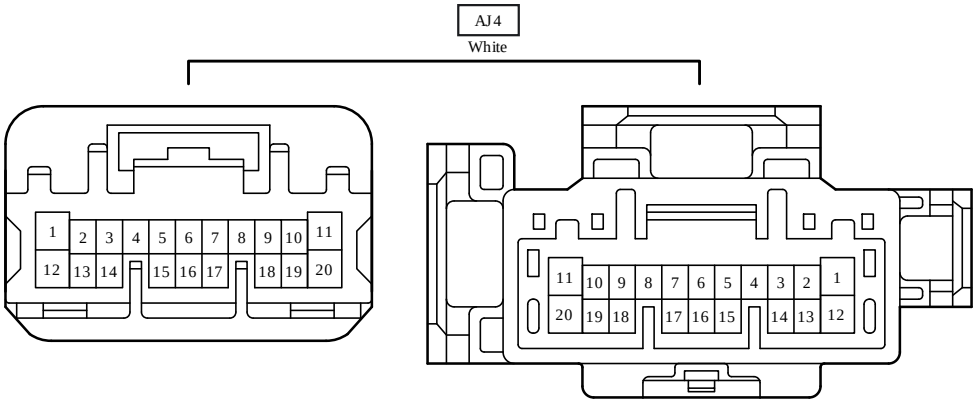
DD
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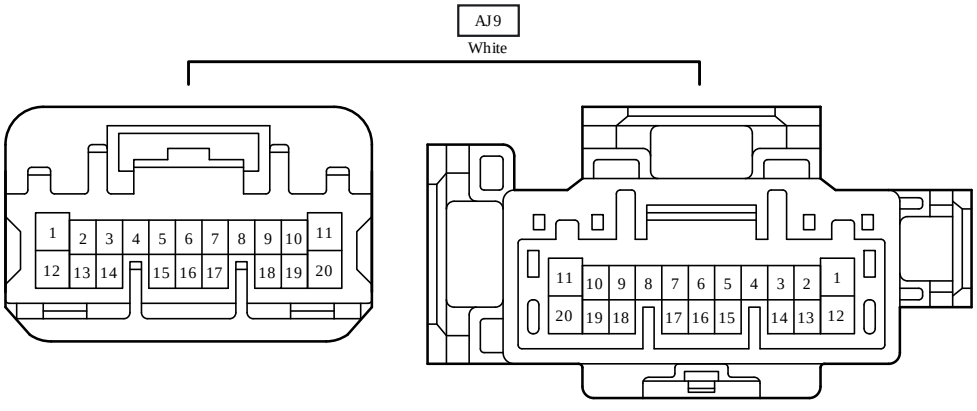
AJ3
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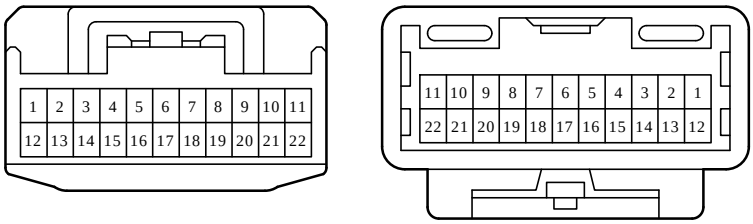
AJ4
White



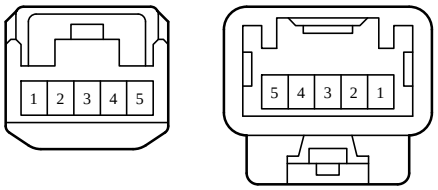
AJ9
White



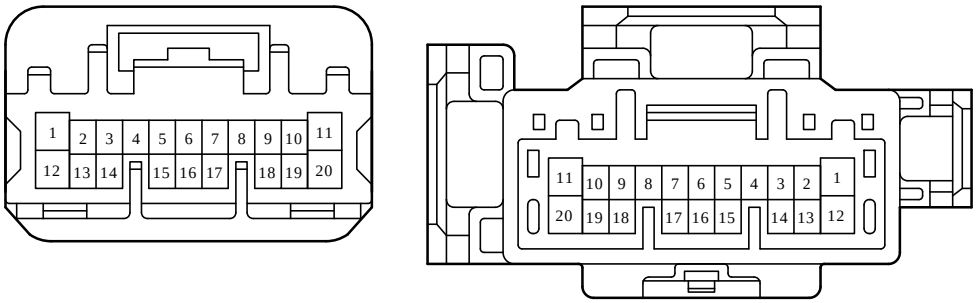
AJ10
Gray



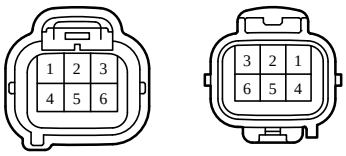
JJ1
White

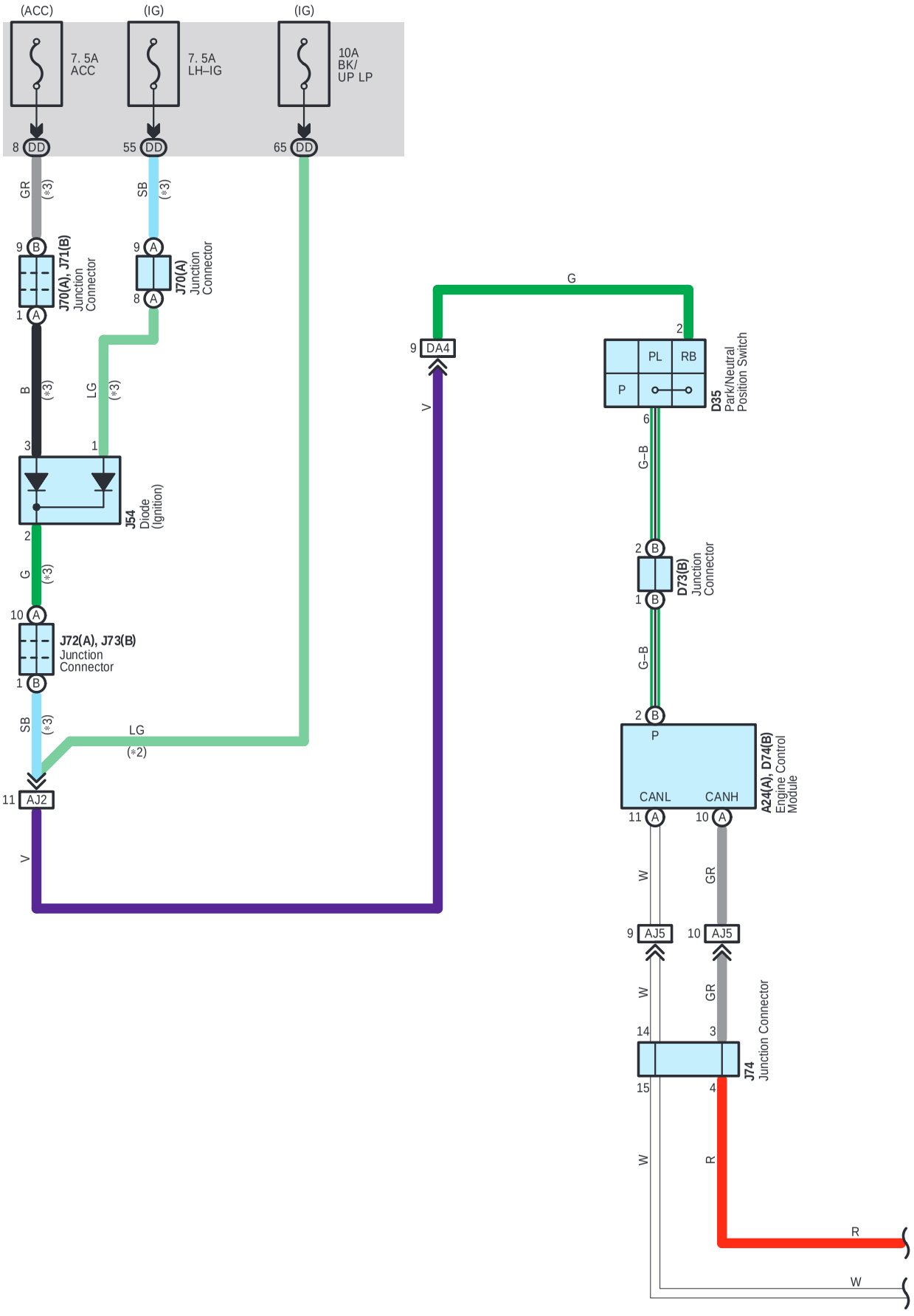


QJ1
White

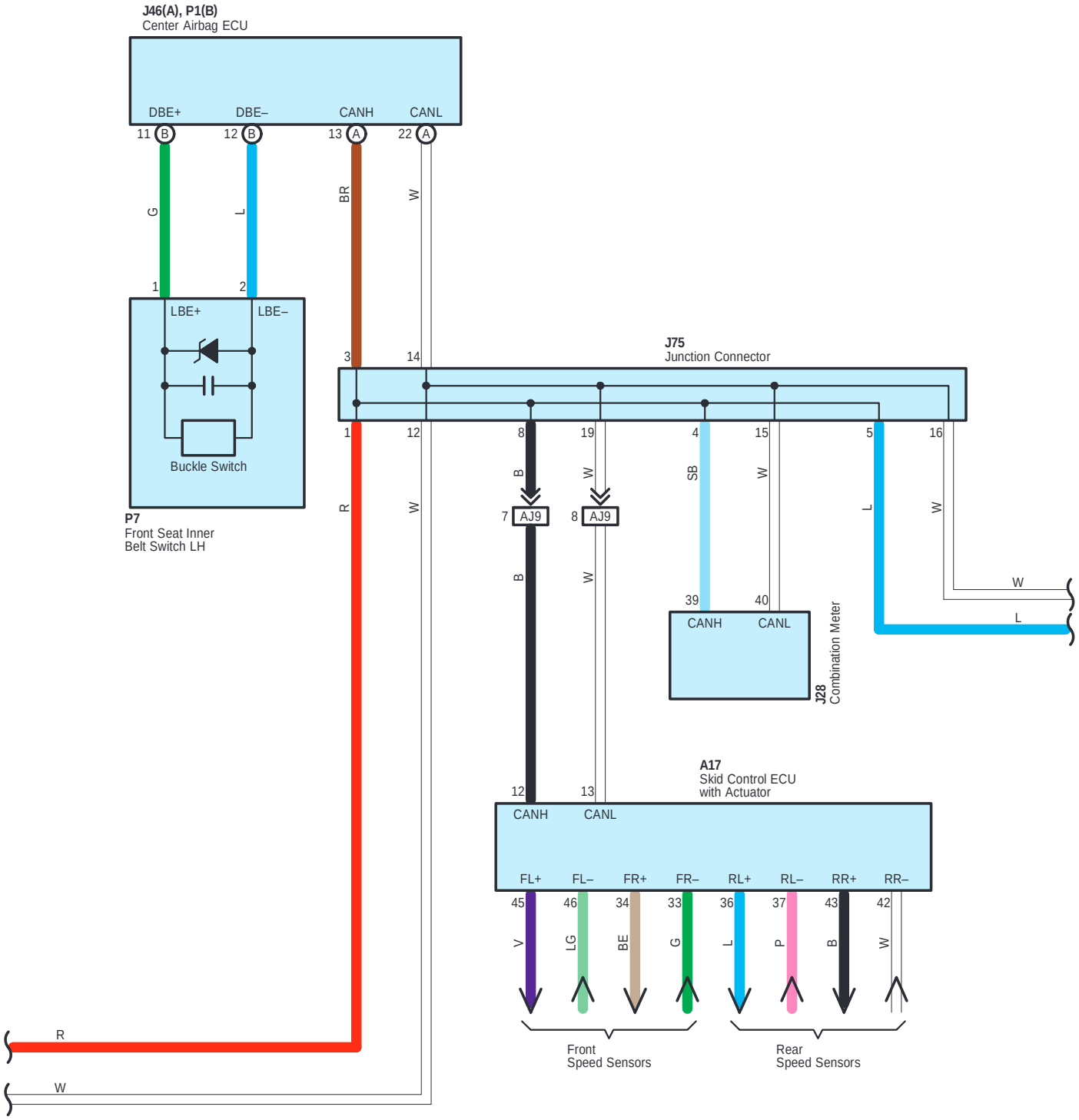


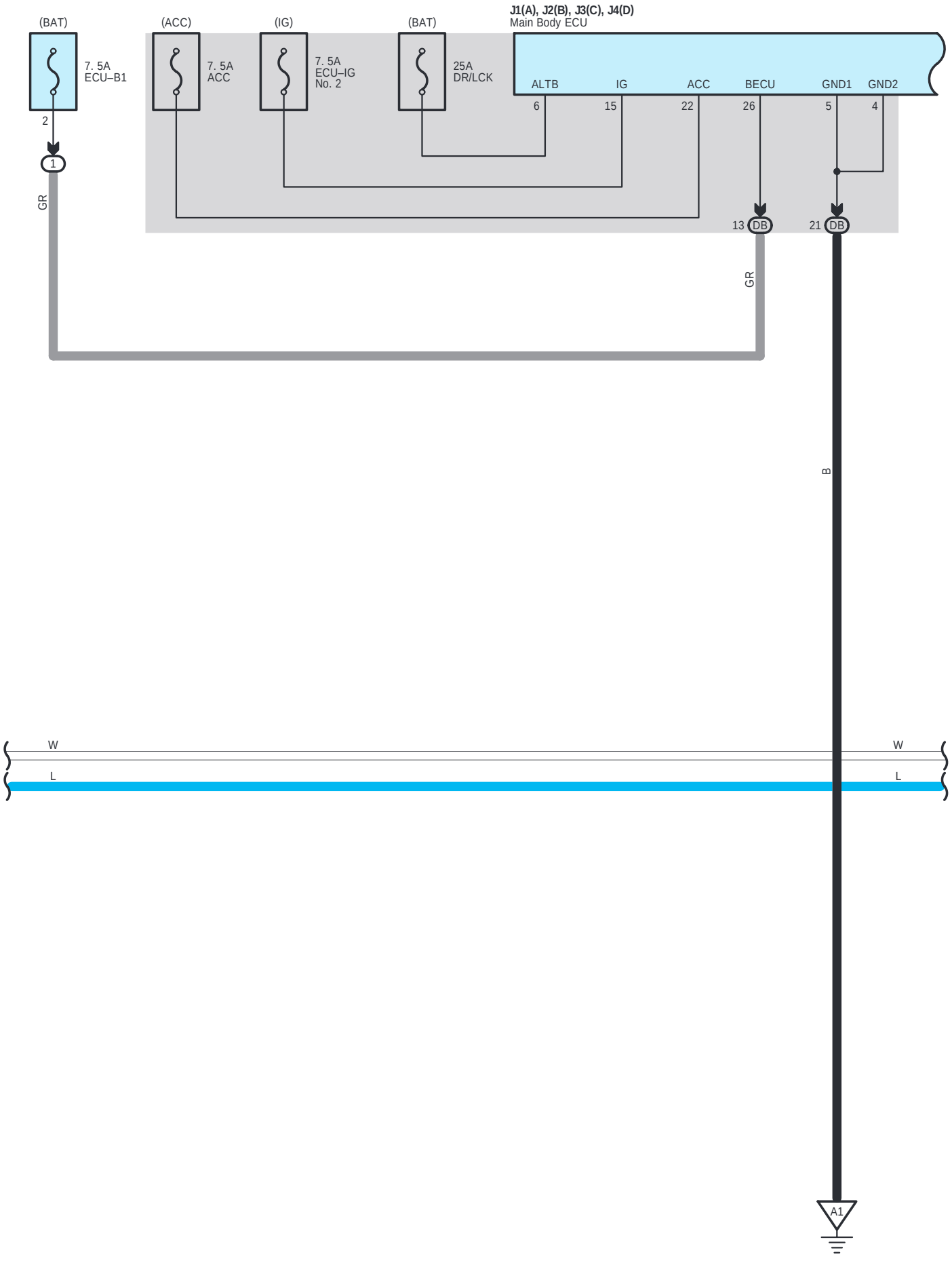
QY1
Gray

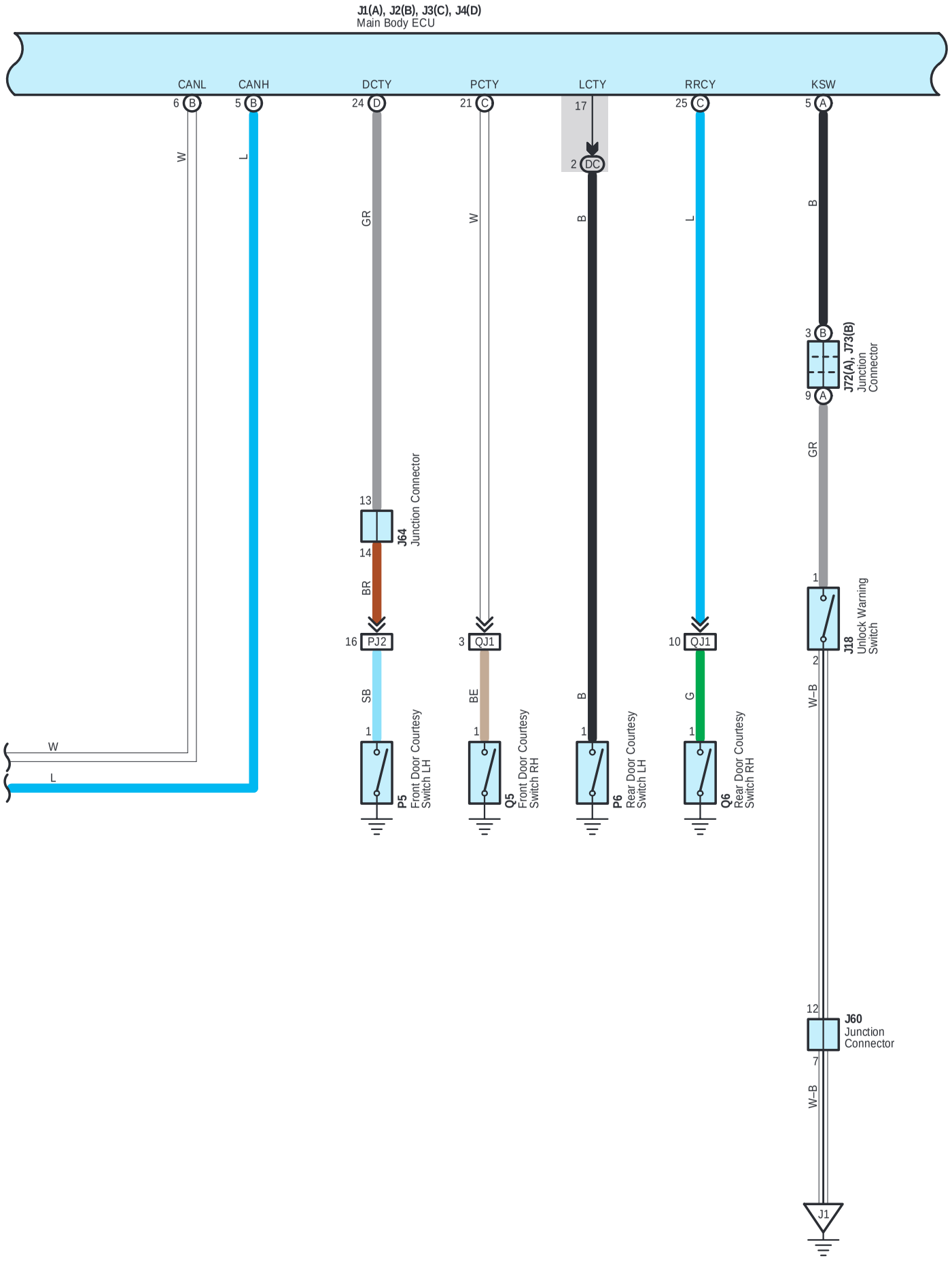


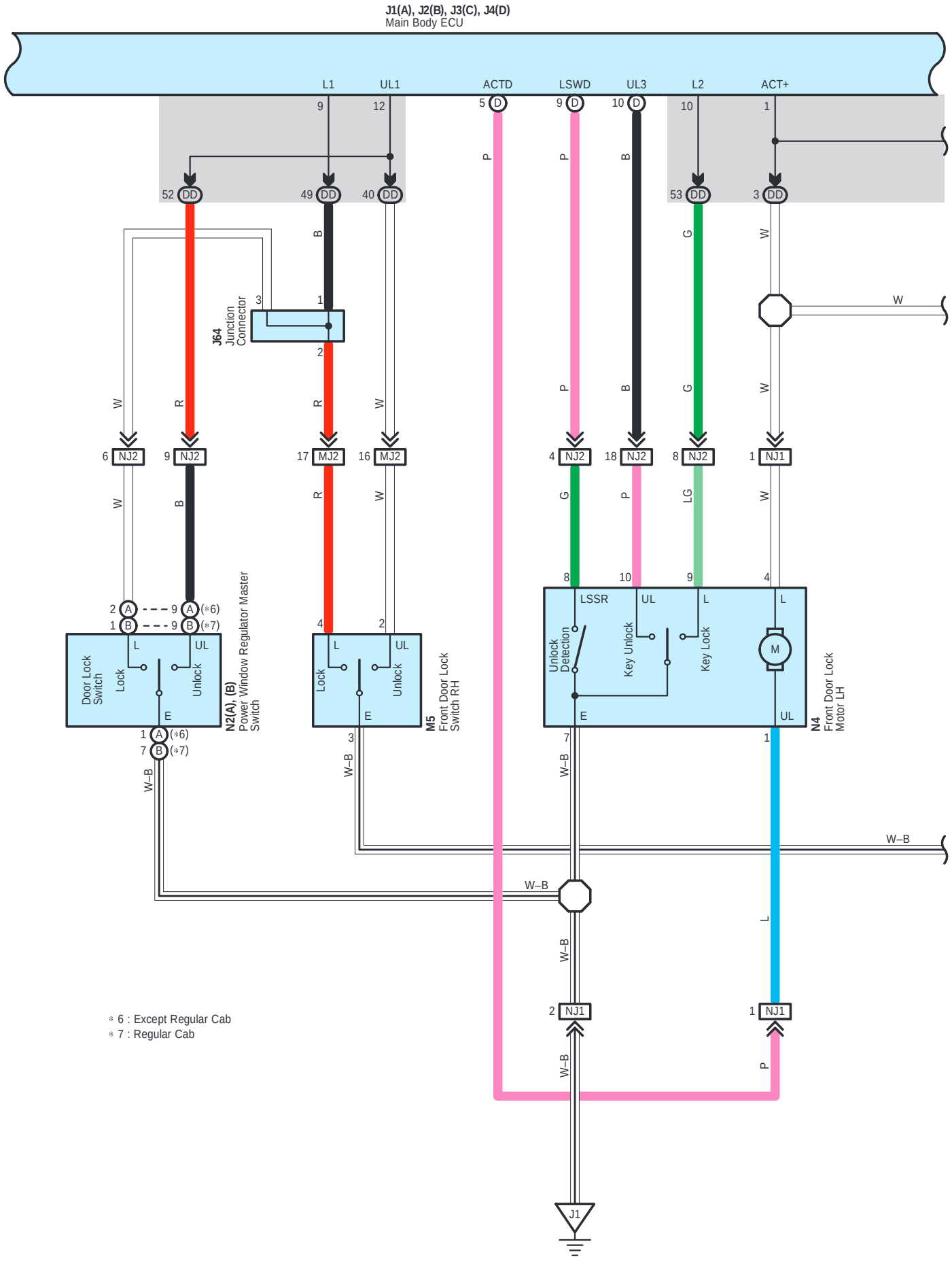

(ACC)
(IG)
(IG)
7. 5A
ACC
7. 5A
LH–IG
10A
BK/
UP LP
8 DD
55 DD
65 DD
GR (*3)
SB (*3)
9 B
9 A
J70(A), J71(B)
Junction
Connector
J70(A)
Junction
Connector
1 A
8 A
B (*3)
LG (*3)
3
1
J54
Diode
(Ignition)
2
G (*3)
10 A
J72(A), J73(B)
Junction
Connector
1 B
SB (*3)
LG
(*2)
11 AJ2
V
G
9 DA4
V
2
PL
RB
P
D35
Park/Neutral
Position Switch
6
G–B
2 B
D73(B)
Junction
Connector
1 B
G–B
2 B
P
CANL
CANH
A24(A), D74(B)
Engine Control
Module
11 A
10 A
W
GR
9 AJ5
10 AJ5
W
GR
14
3
J74
Junction Connector
15
4
W
R
R
W

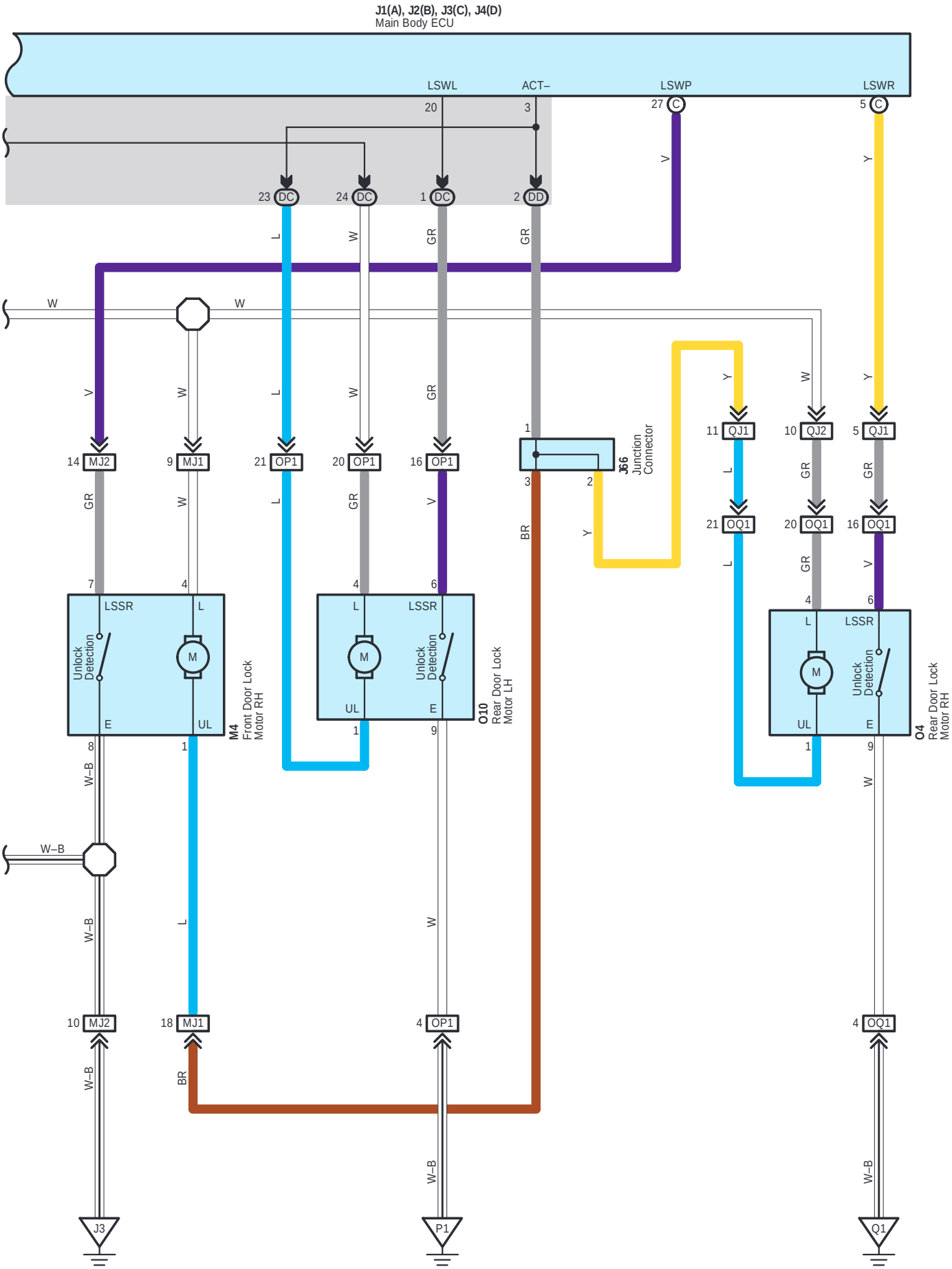
* 2 : Floor Shift
* 3 : Column Shift



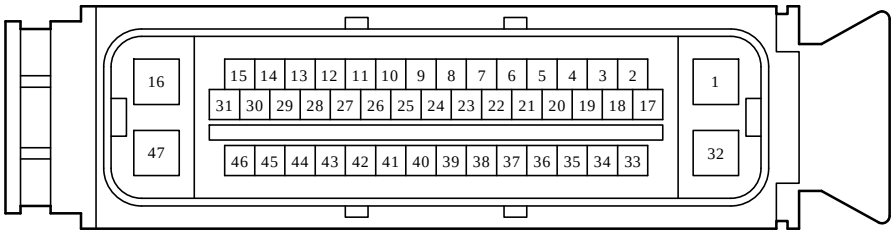

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J1(A), J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
W
L
W
L
A1


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
CANL
CANH
DCTY
PCTY
LCTY
RRCY
KSW
6 B
5 B
24 D
21 C
17
2 DC
25 C
5 A
W
L
GR
W
B
L
B
3 B
J72(A), J73(B)
Junction
Connector
9 A
GR
13
J64
Junction Connector
14
BR
16 PJ2
3 QJ1
10 QJ1
1
J18
Unlock Warning
Switch
2
W–B
SB
BE
B
G
1
P5
Front Door Courtesy
Switch LH
Q5
Front Door Courtesy
Switch RH
P6
Rear Door Courtesy
Switch LH
Q6
Rear Door Courtesy
Switch RH
12
J60
Junction
Connector
7
W–B
J1
W
L

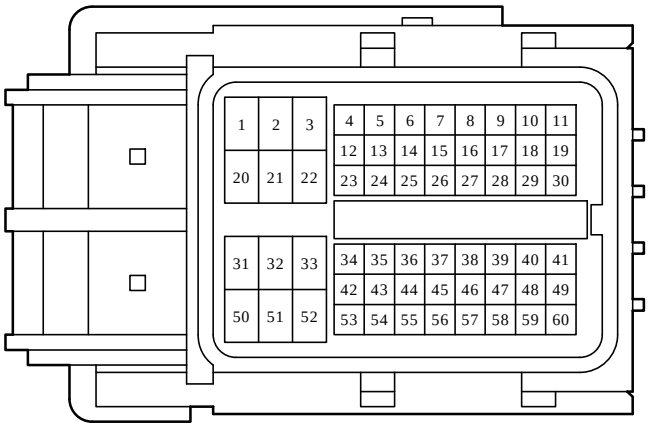

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
L1
UL1
ACTD
LSWD
UL3
L2
ACT+
J64
Junction Connector
N2(A), (B)
Power Window Regulator Master Switch
Door Lock Switch
Lock
Unlock
M5
Front Door Lock Switch RH
N4
Front Door Lock Motor LH
LSSR
Unlock Detection
Key Unlock
Key Lock
M
J1
* 6 : Except Regular Cab
* 7 : Regular Cab


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
LSWL
ACT–
LSWP
LSWR
20
3
27 C
5 C
23 DC
24 DC
1 DC
2 DD
V
Y
L
W
GR
W
W
V
W
L
W
GR
1
11 QJ1
10 QJ2
5 QJ1
Y
W
Y
14 MJ2
9 MJ1
21 OP1
20 OP1
16 OP1
J66
Junction Connector
3
2
GR
W
L
GR
V
BR
Y
L
GR
GR
7
4
4
6
4
LSSR
L
L
LSSR
L
LSSR
Unlock Detection
M
Unlock Detection
M
Unlock Detection
E
UL
UL
E
UL
E
M4
Front Door Lock Motor RH
O10
Rear Door Lock Motor LH
O4
Rear Door Lock Motor RH
8
1
1
9
1
9
W–B
W–B
W–B
L
W
W
10 MJ2
18 MJ1
4 OP1
4 OQ1
W–B
BR
W–B
W–B
J3
P1
Q1

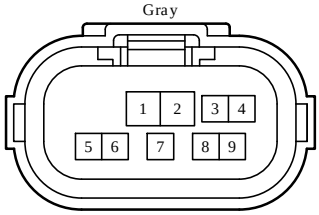
A 17
Black



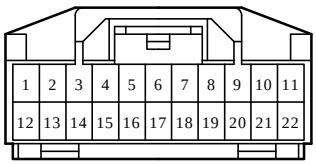
A 24
Black



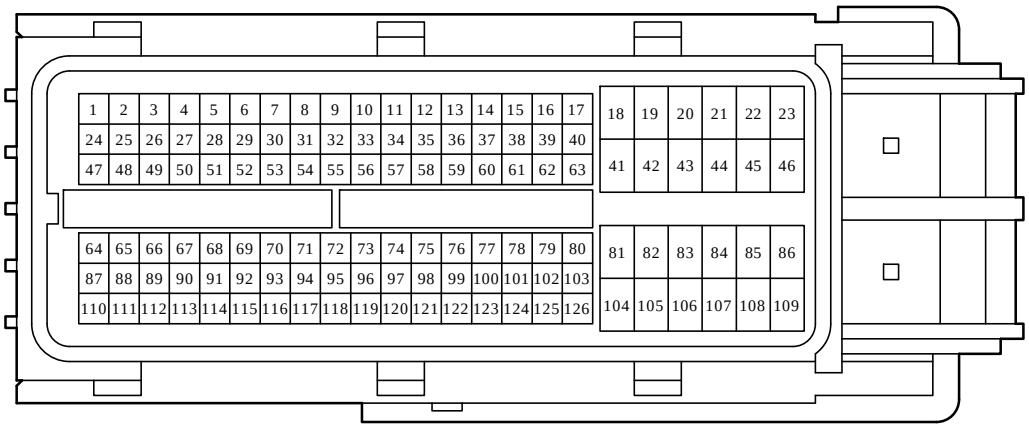
D 35
Gray



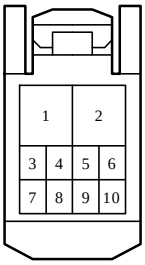
D 73
Blue



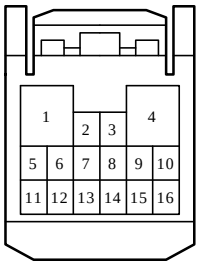
D 74
Black



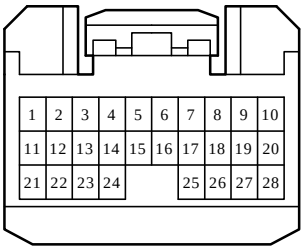
J 1
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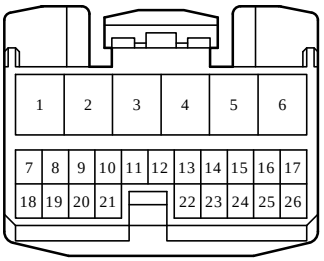
J 2
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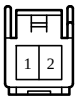
J 3
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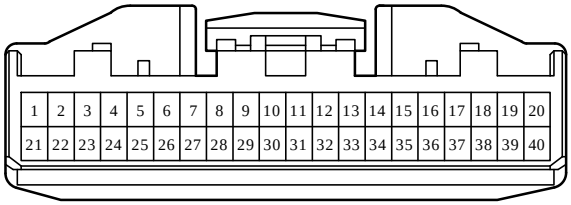
J 4
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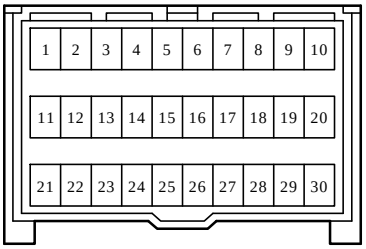
J 18
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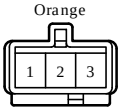
J 28
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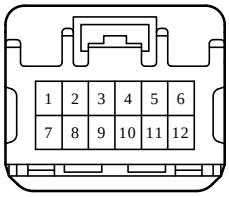
J 46
Yellow



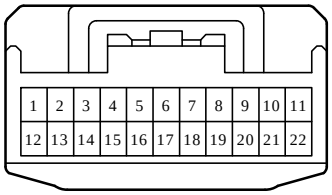
J 54
Orange



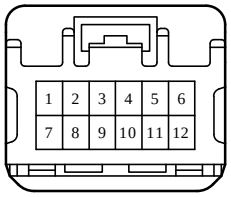
J 60
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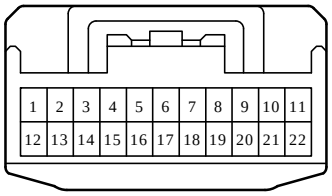
J 64
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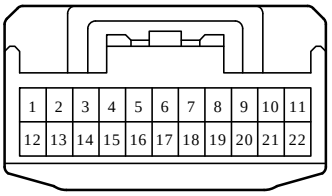
J 66
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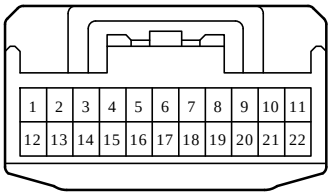
J 70
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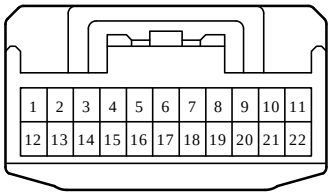
J 71
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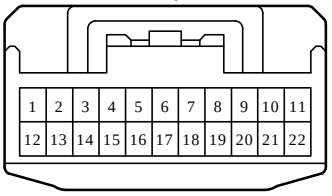
J 72
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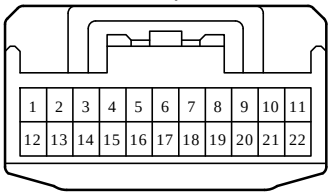
J 73
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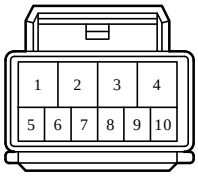
J 74
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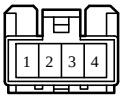
J 75
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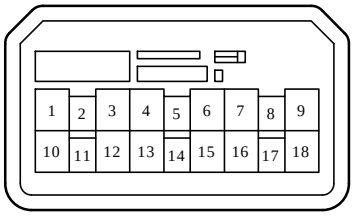
M 4
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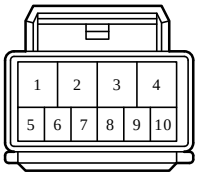
M 5
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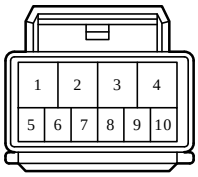
N 2
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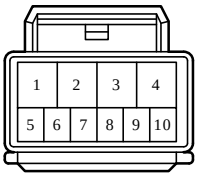
N 4
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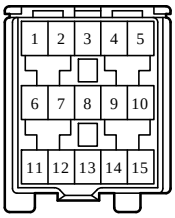
O 4
White



O 10
White



P 1
Yellow



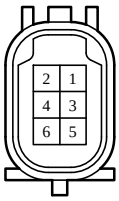
P 5
White



P 6
White



P 7
White



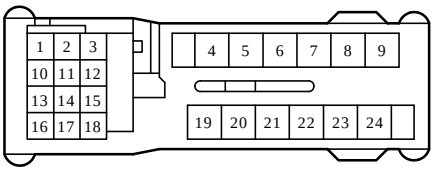
Q 5
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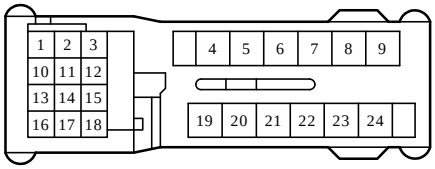
Q 6
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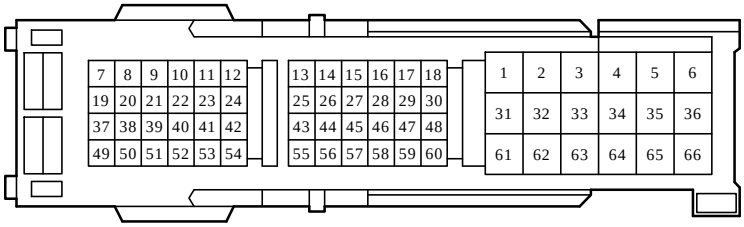
DB
White



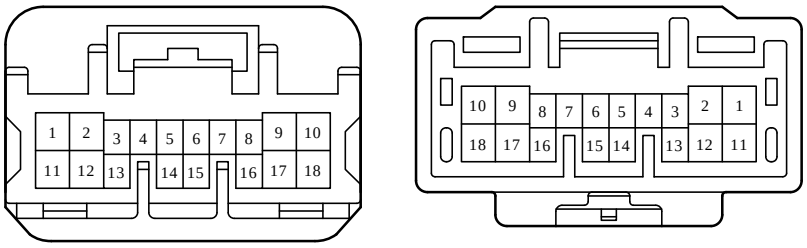
DC
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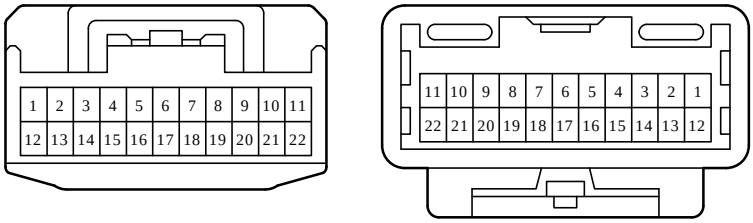
DD
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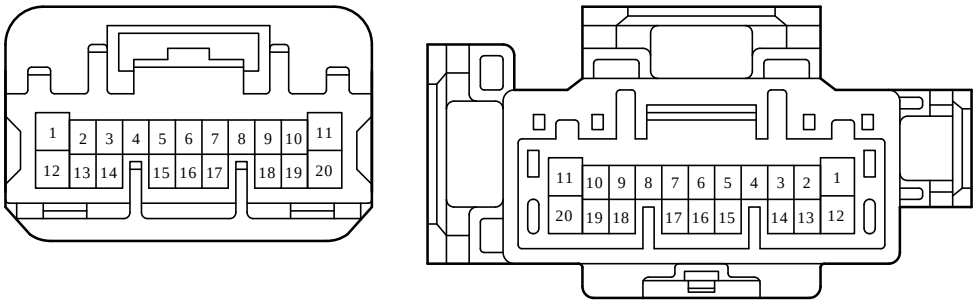
AJ2
Gray



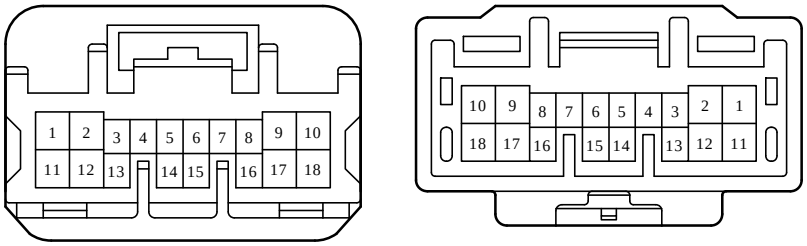
AJ5
Gray



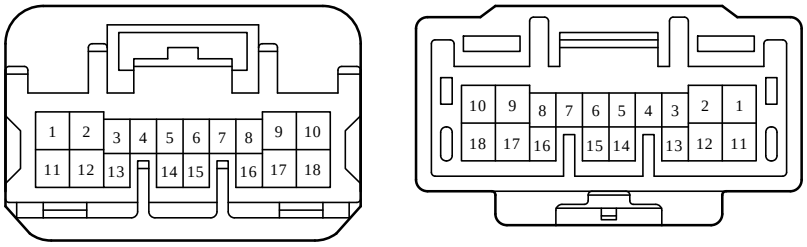
AJ9
White



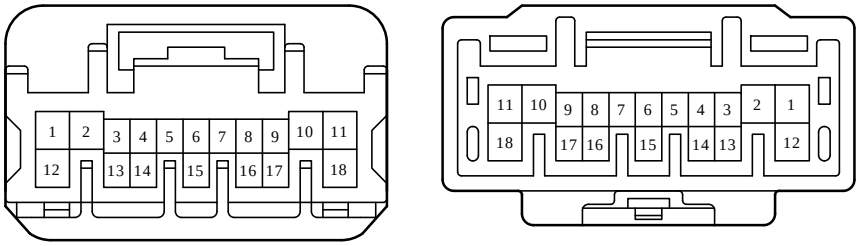
DA4
Gray



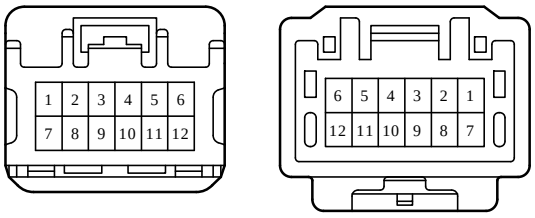
MJ1
Blue



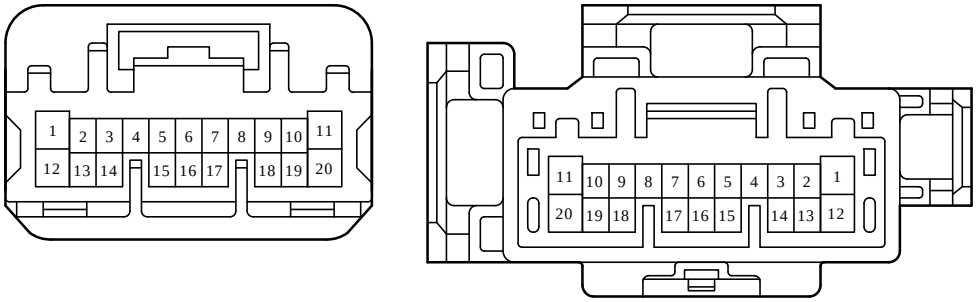
MJ2
Blue



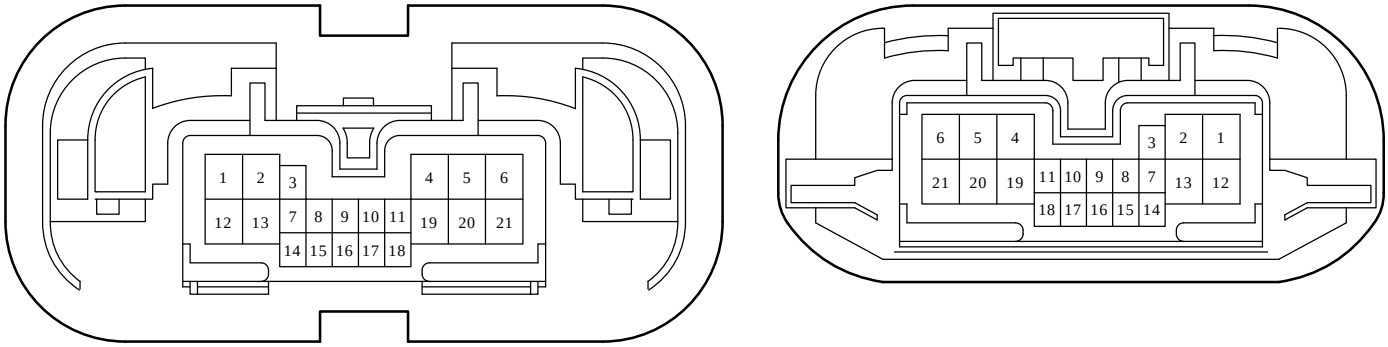
NJ1
Blue



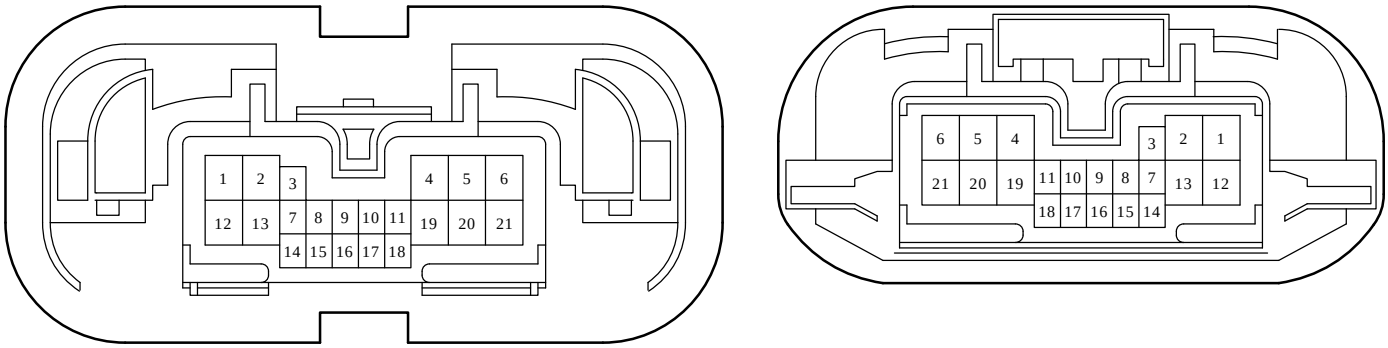
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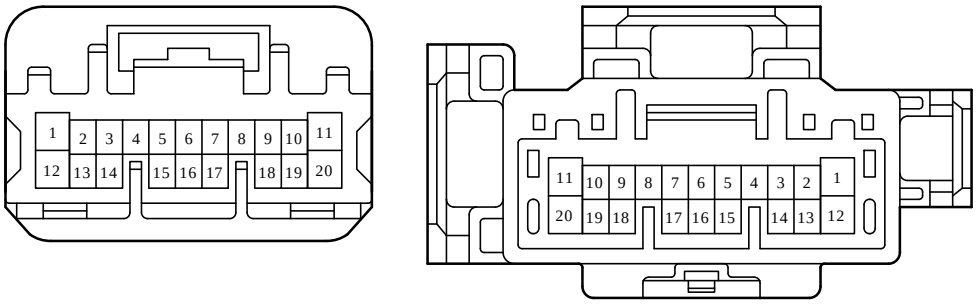
OP1
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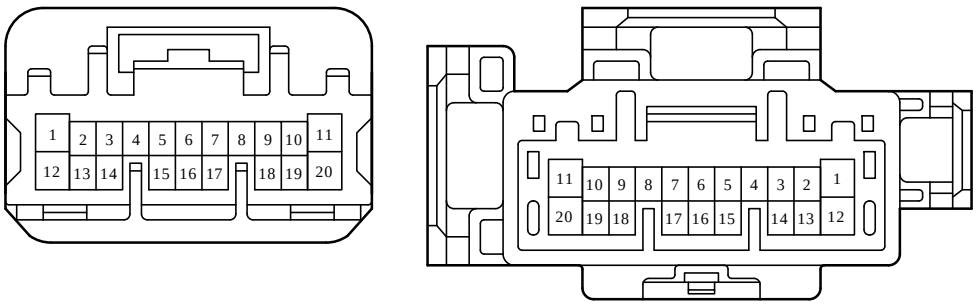
OQ1
White



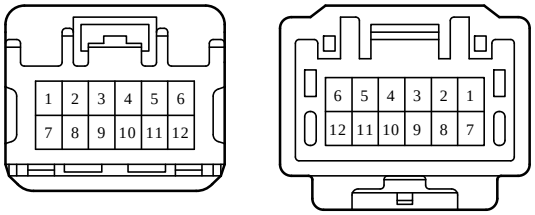
PJ2
White

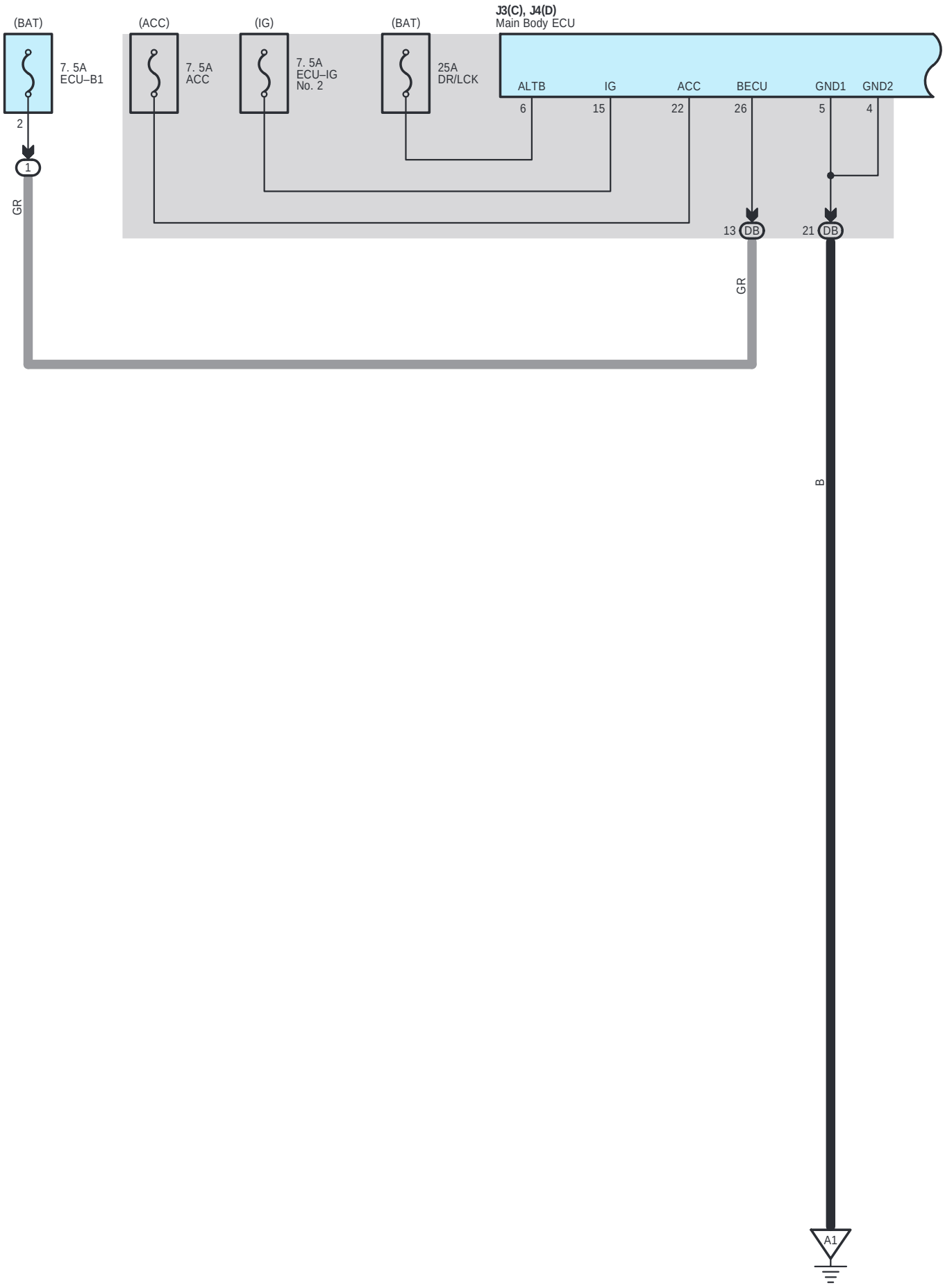


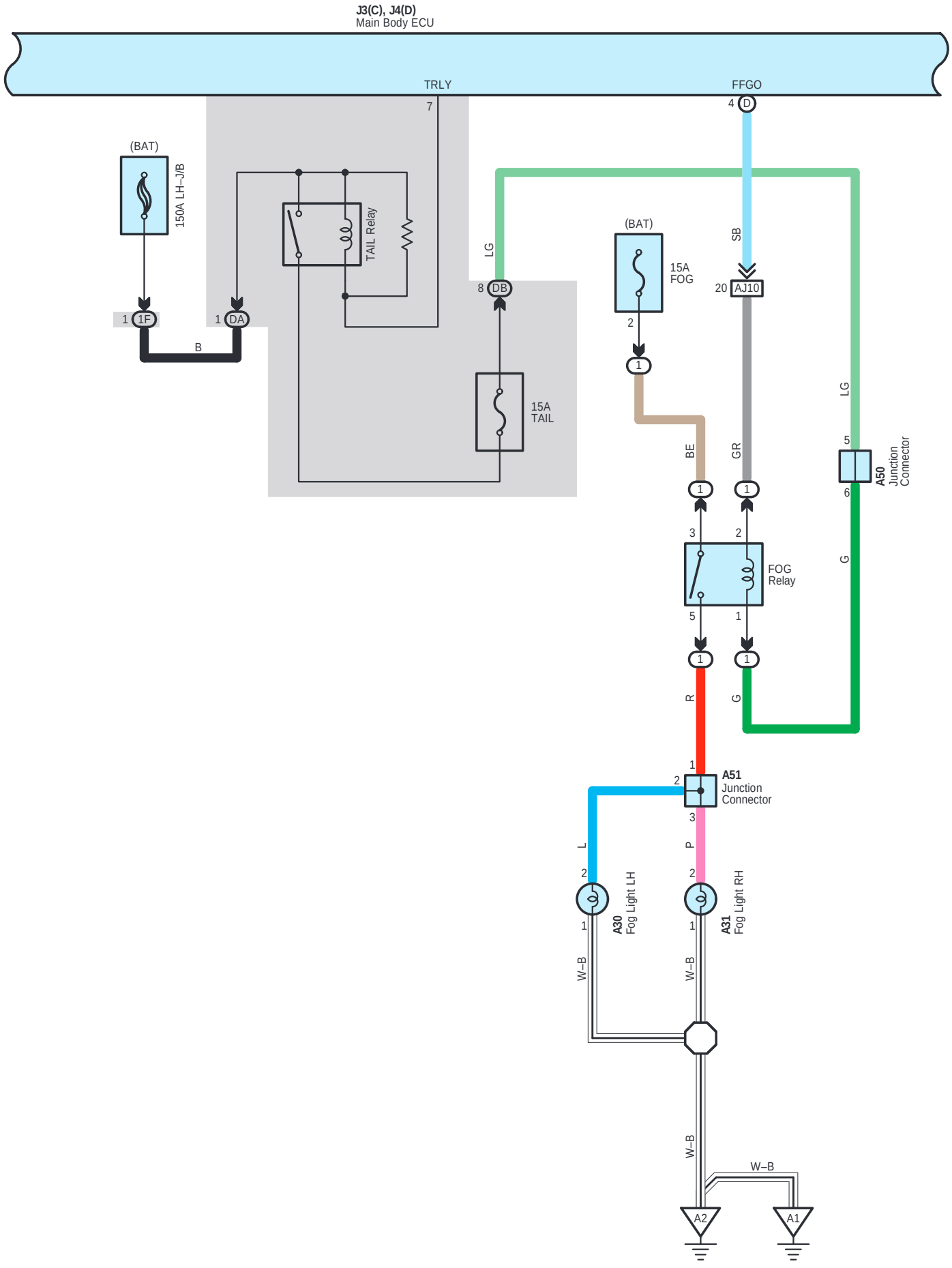
QJ1
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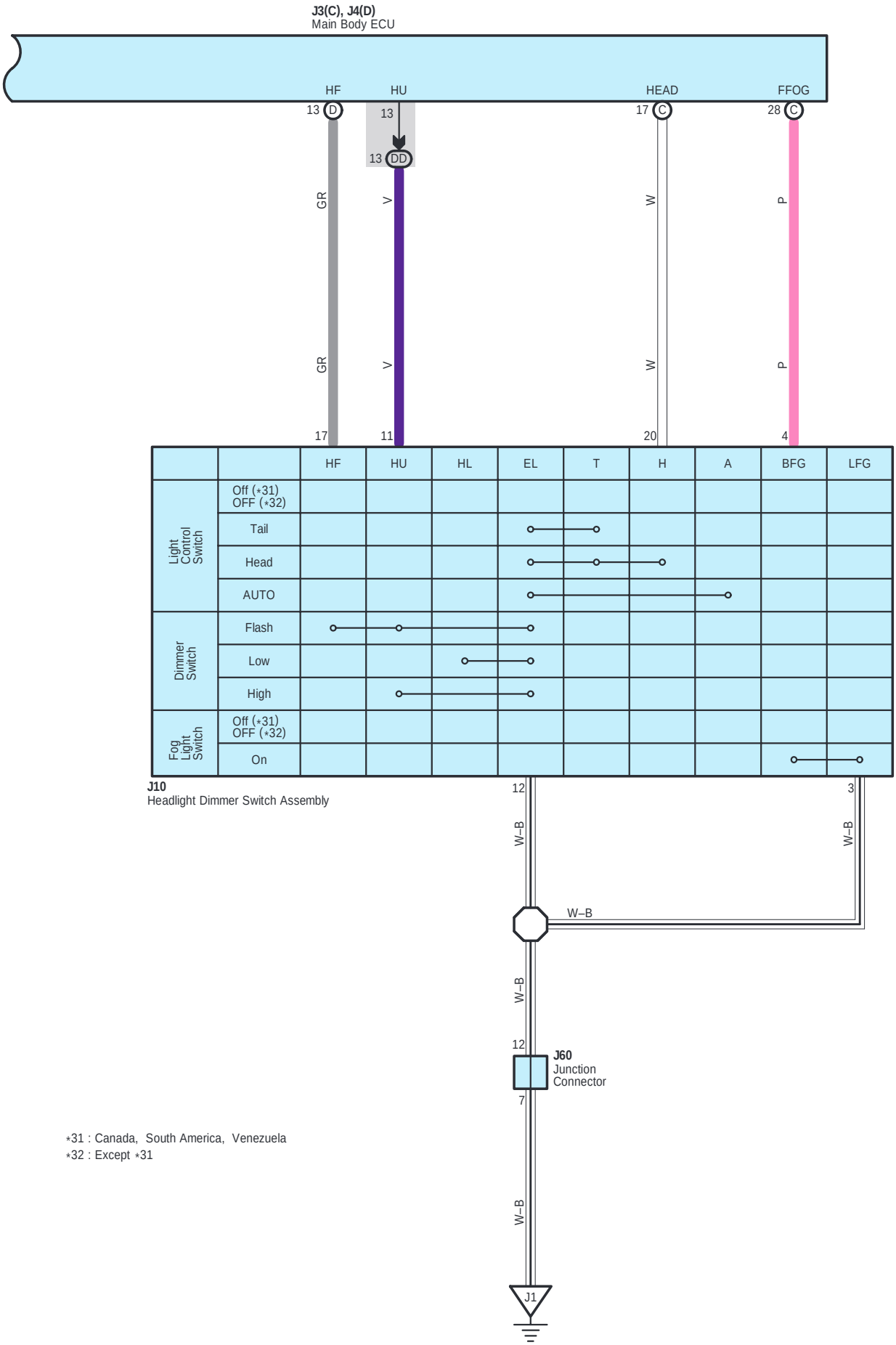


QJ2
Black



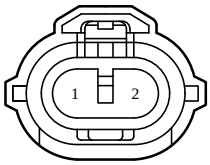

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1


J3(C), J4(D)
Main Body ECU
TRLY
7
FFGO
4 D
(BAT)
150A LH–J/B
TAIL Relay
1 1F
1 DA
B
LG
8 DB
15A
TAIL
(BAT)
15A
FOG
2
1
SB
20 AJ10
LG
5
A50
Junction
Connector
6
BE
GR
1
1
3
2
FOG
Relay
5
1
1
1
G
R
G
1
2
A51
Junction
Connector
3
L
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2
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A30
Fog Light LH
A31
Fog Light RH
W–B
W–B
W–B
W–B
A2
A1

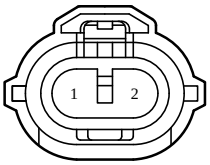


*31 : Canada, South America, Venezuela
*32 : Except *31

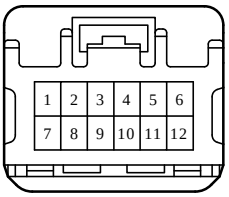
A 30
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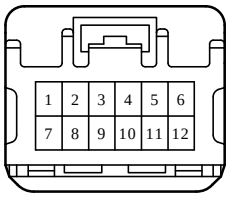
A 31
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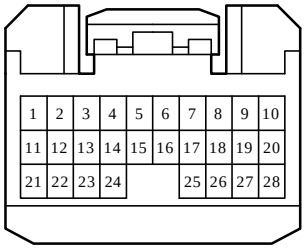
A 50
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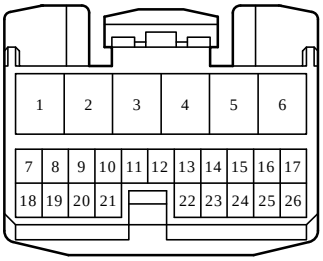
A 51
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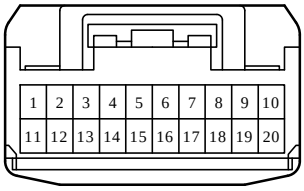
J 3
White



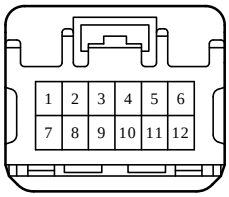
J 4
White



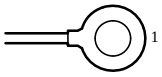
J 10
White



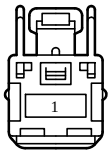
J 60
White



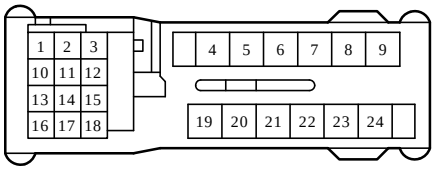
1F



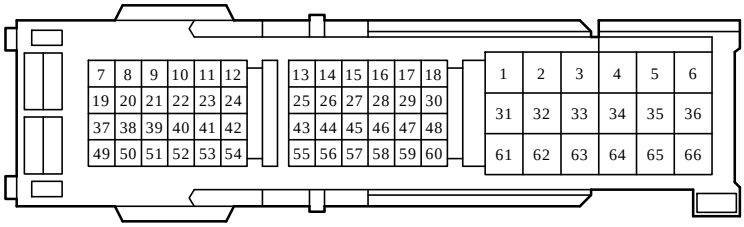
DA
White



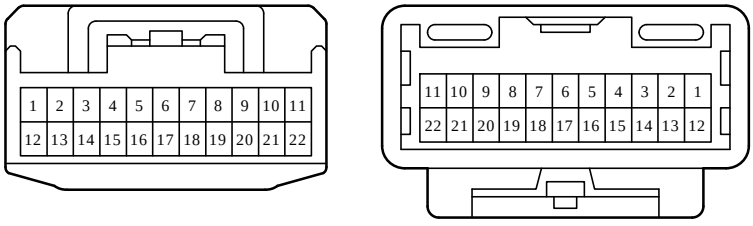
DB
White



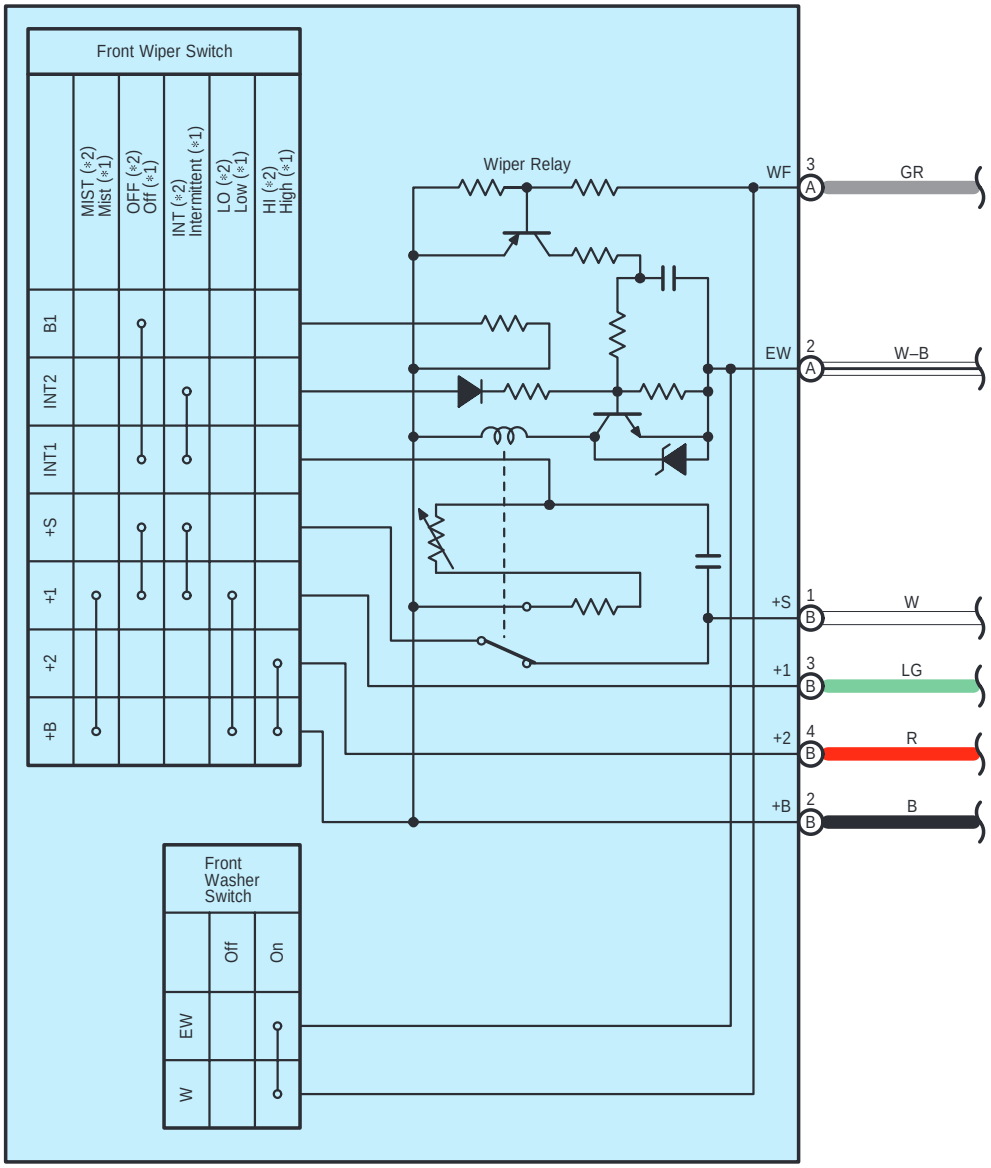
DD
White



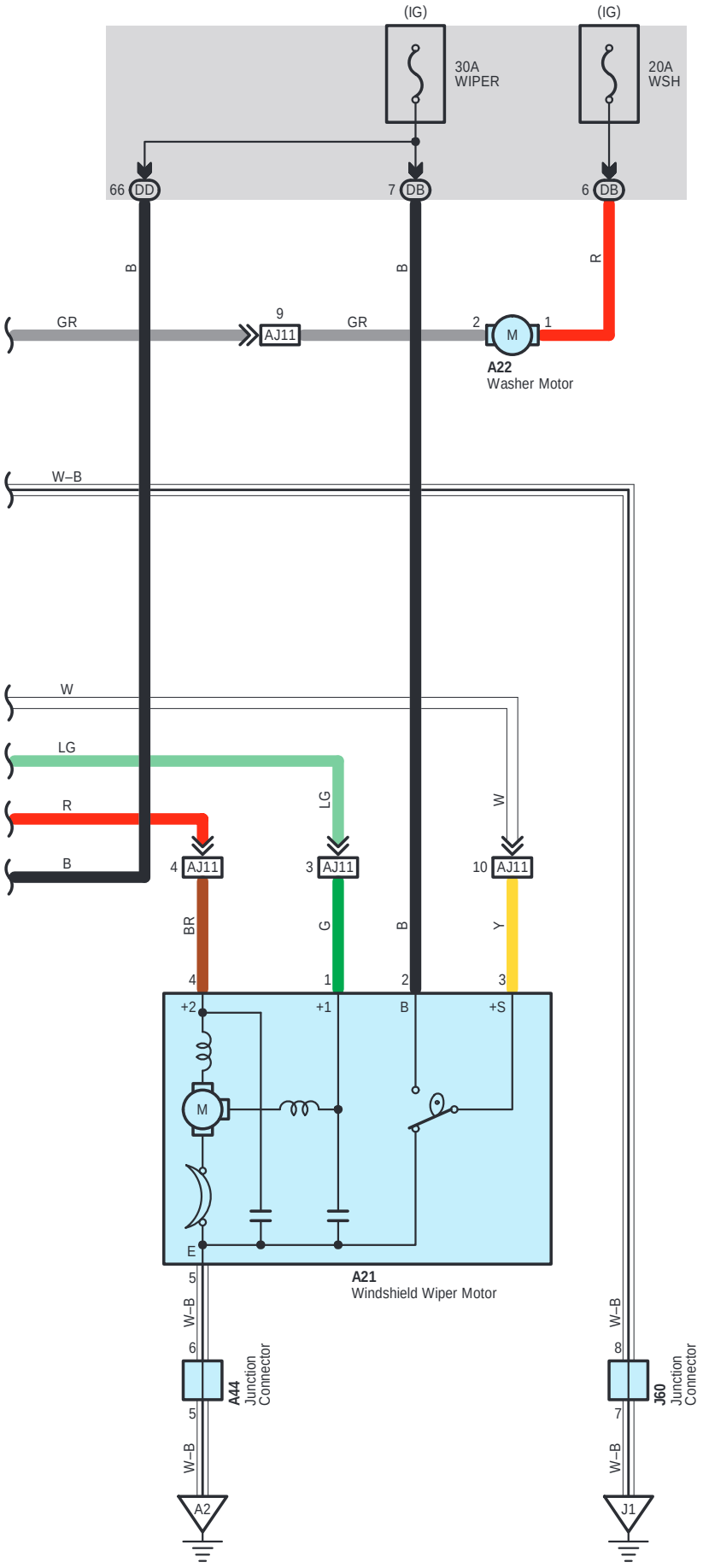
AJ10
Gray



J12(A), J13(B)
Windshield Wiper Switch



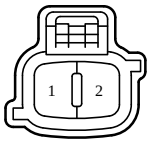
* 1 : Canada, South America, Venezuela
* 2 : Except *1


(IG)
(IG)
30A
WIPER
20A
WSH
66 DD
7 DB
6 DB
B
B
R
GR
9
AJ11
GR
2
M
1
A22
Washer Motor
W–B
W
LG
R
B
4 AJ11
3 AJ11
10 AJ11
LG
W
BR
G
B
Y
4
1
2
3
+2
+1
B
+S
M
E
A21
Windshield Wiper Motor
5
W–B
6
A44
Junction
Connector
5
W–B
A2
W–B
8
J60
Junction
Connector
7
W–B
J1

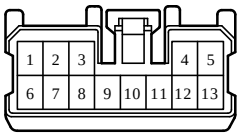
A 21
Black



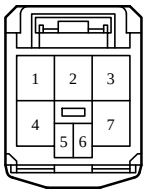
A 22
Black



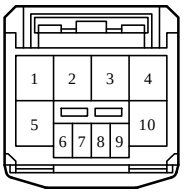
A 44
White



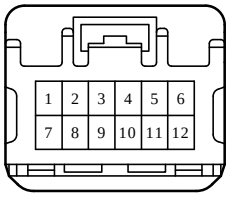
J 12
White



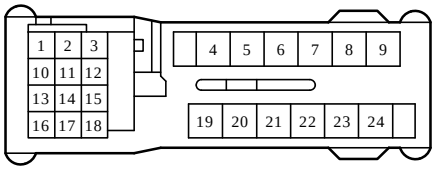
J 13
White



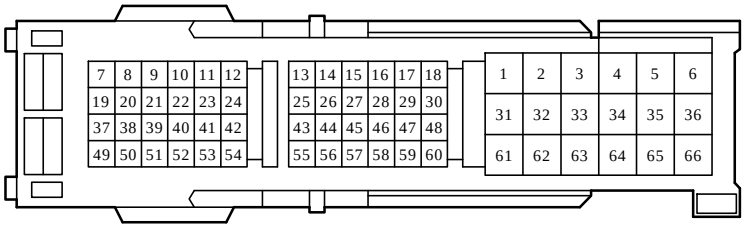
J 60
White



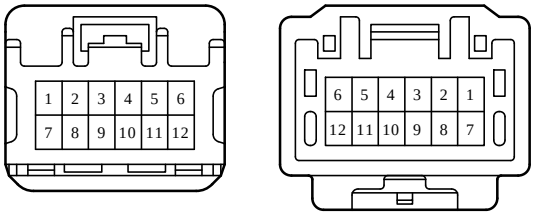
DB
White

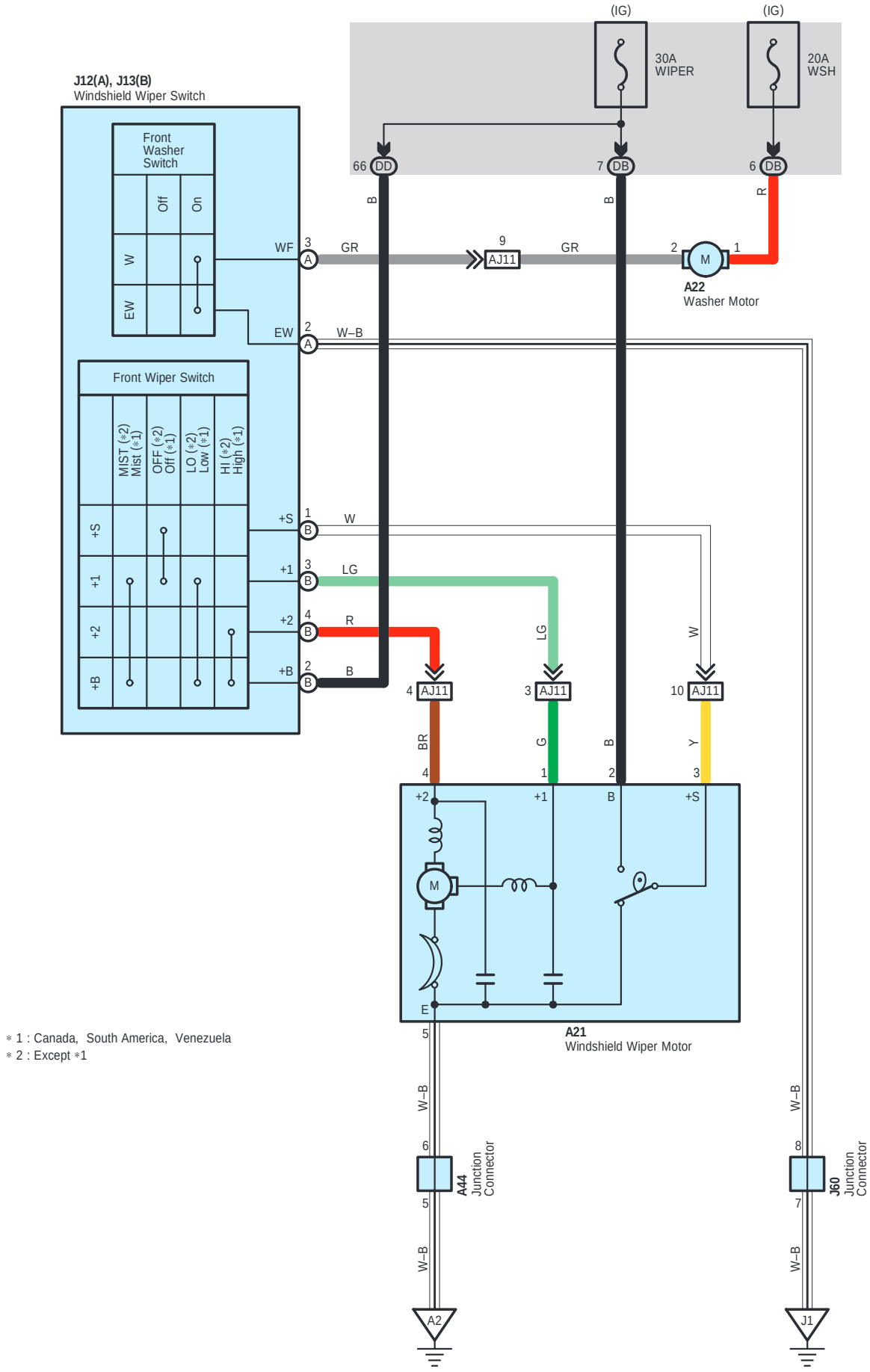


DD
White

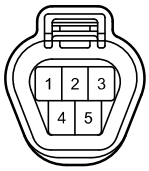


AJ11
Gray

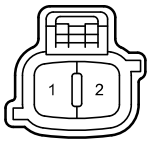



(IG)
(IG)
30A
WIPER
20A
WSH
66 DD
7 DB
6 DB
J12(A), J13(B)
Windshield Wiper Switch
Front
Washer
Switch
Off
On
W
EW
Front Wiper Switch
MIST (*2)
Mist (*1)
OFF (*2)
Off (*1)
LO (*2)
Low (*1)
HI (*2)
High (*1)
+S
+1
+2
+B
WF
EW
GR
W–B
AJ11
A22
Washer Motor
W
LG
R
B
BR
G
Y
A21
Windshield Wiper Motor
A44
Junction
Connector
J60
Junction
Connector
A2
J1
* 1 : Canada, South America, Venezuela
* 2 : Except *1

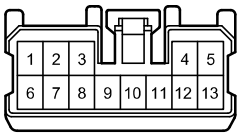
A 21
Black



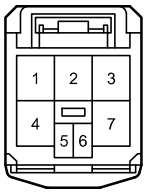
A 22
Black



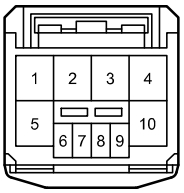
A 44
White



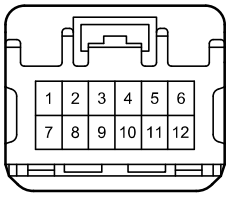
J 12
White



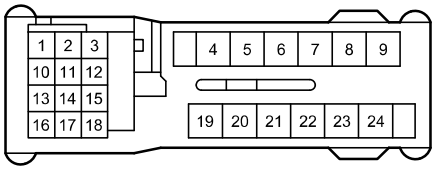
J 13
White



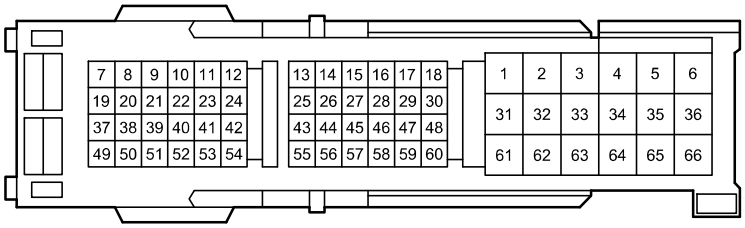
J 60
White



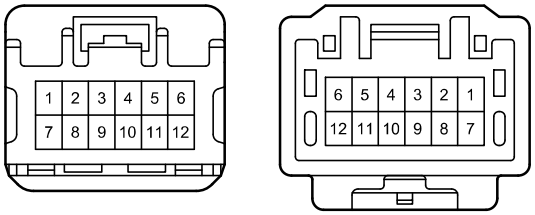
DB
White

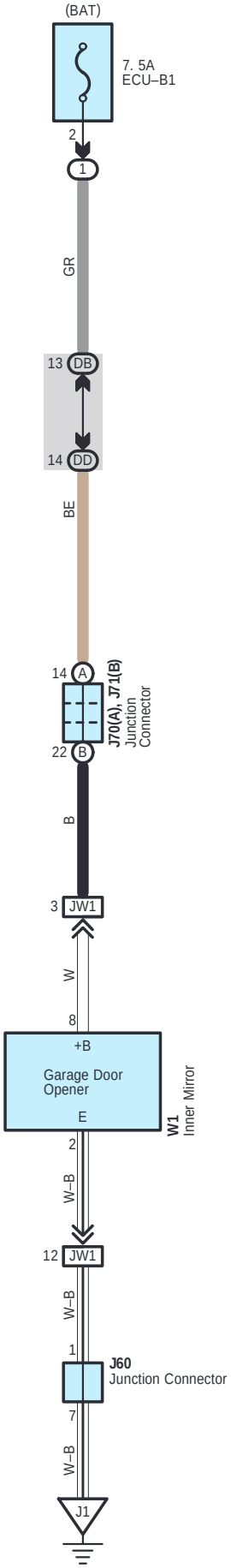


DD
White

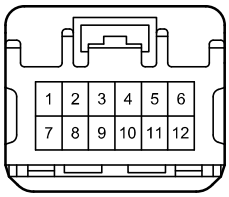


AJ11
Gray

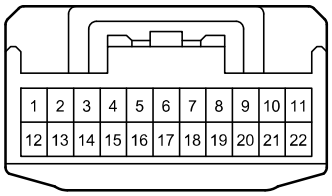



(BAT)
7. 5A
ECU–B1
2
1
GR
13
DB
14
DD
BE
14
A
J70(A), J71(B)
Junction
Connector
22
B
B
3
JW1
W
8
+B
Garage Door
Opener
E
W1
Inner Mirror
2
W–B
12
JW1
W–B
1
J60
Junction Connector
7
W–B
J1

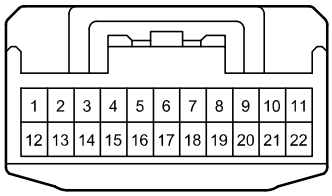
J 60
White



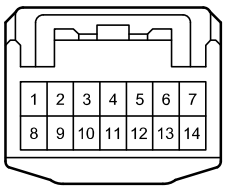
J 70
Blue



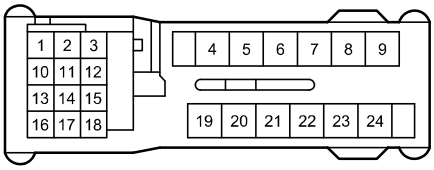
J 71
White



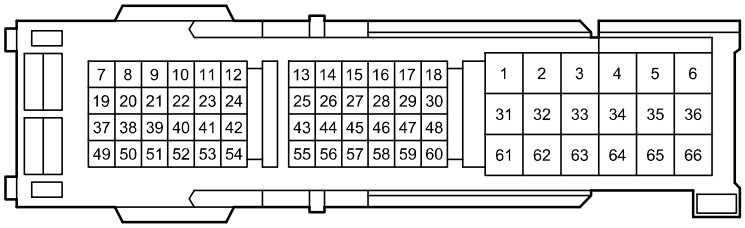
W 1
Black



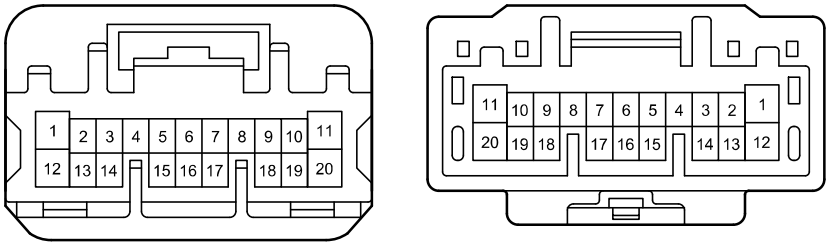
DB
White

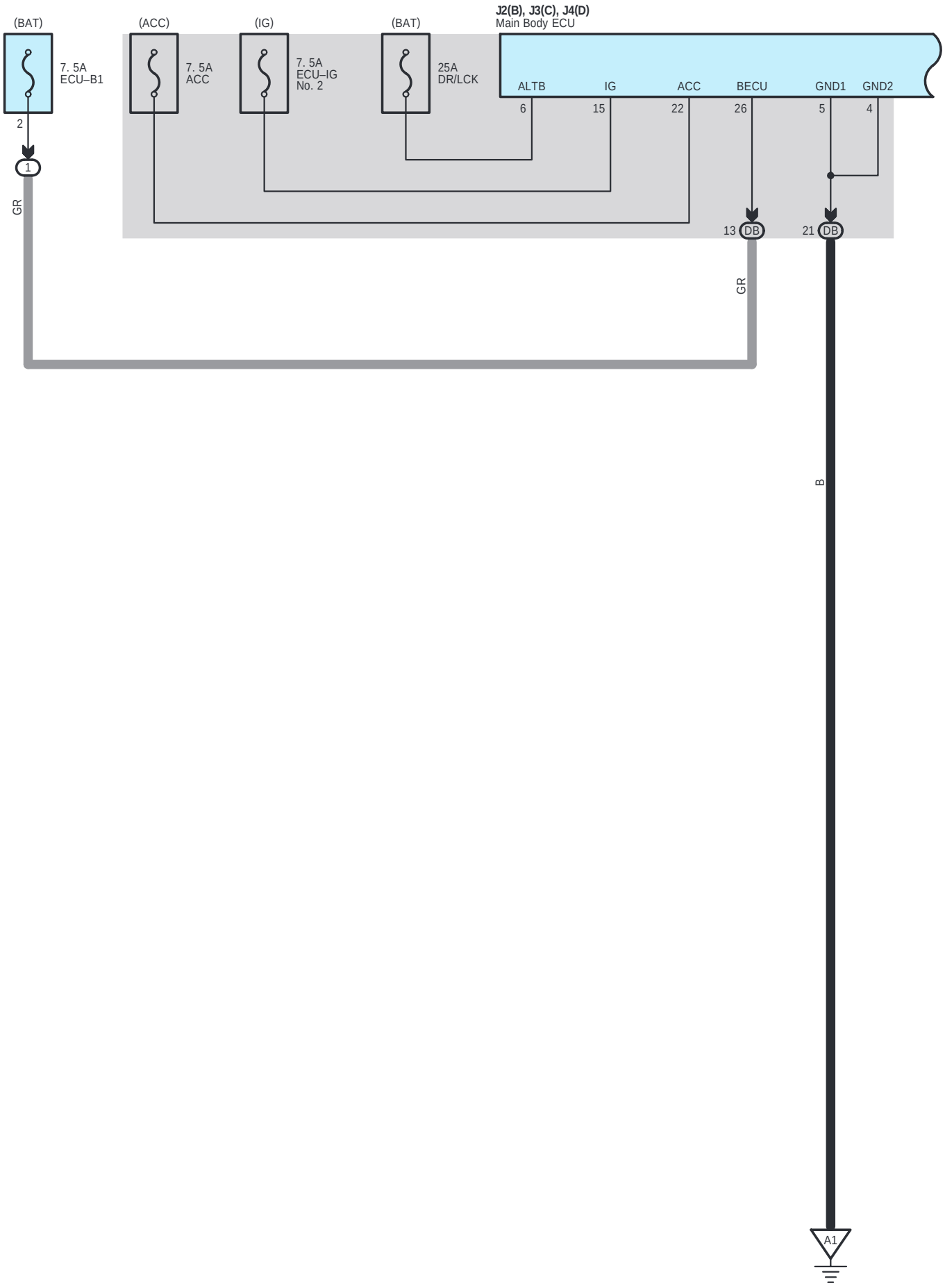


DD
White



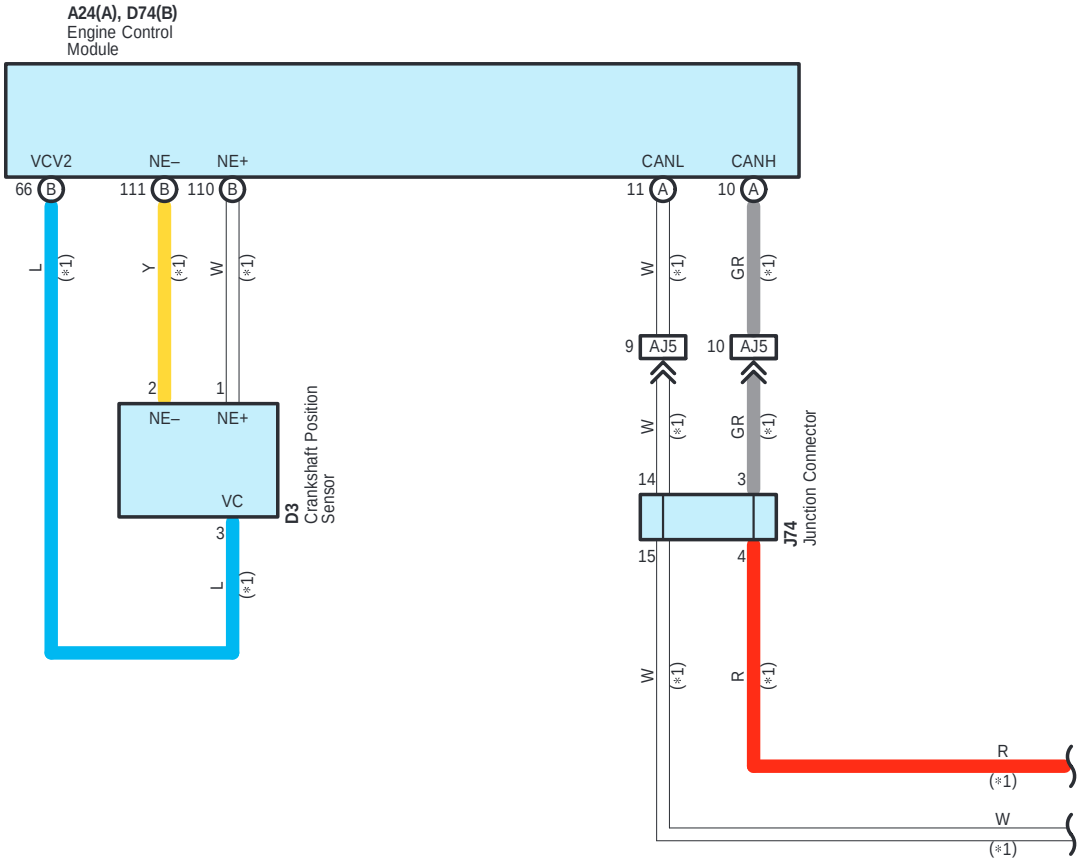
JW1
White

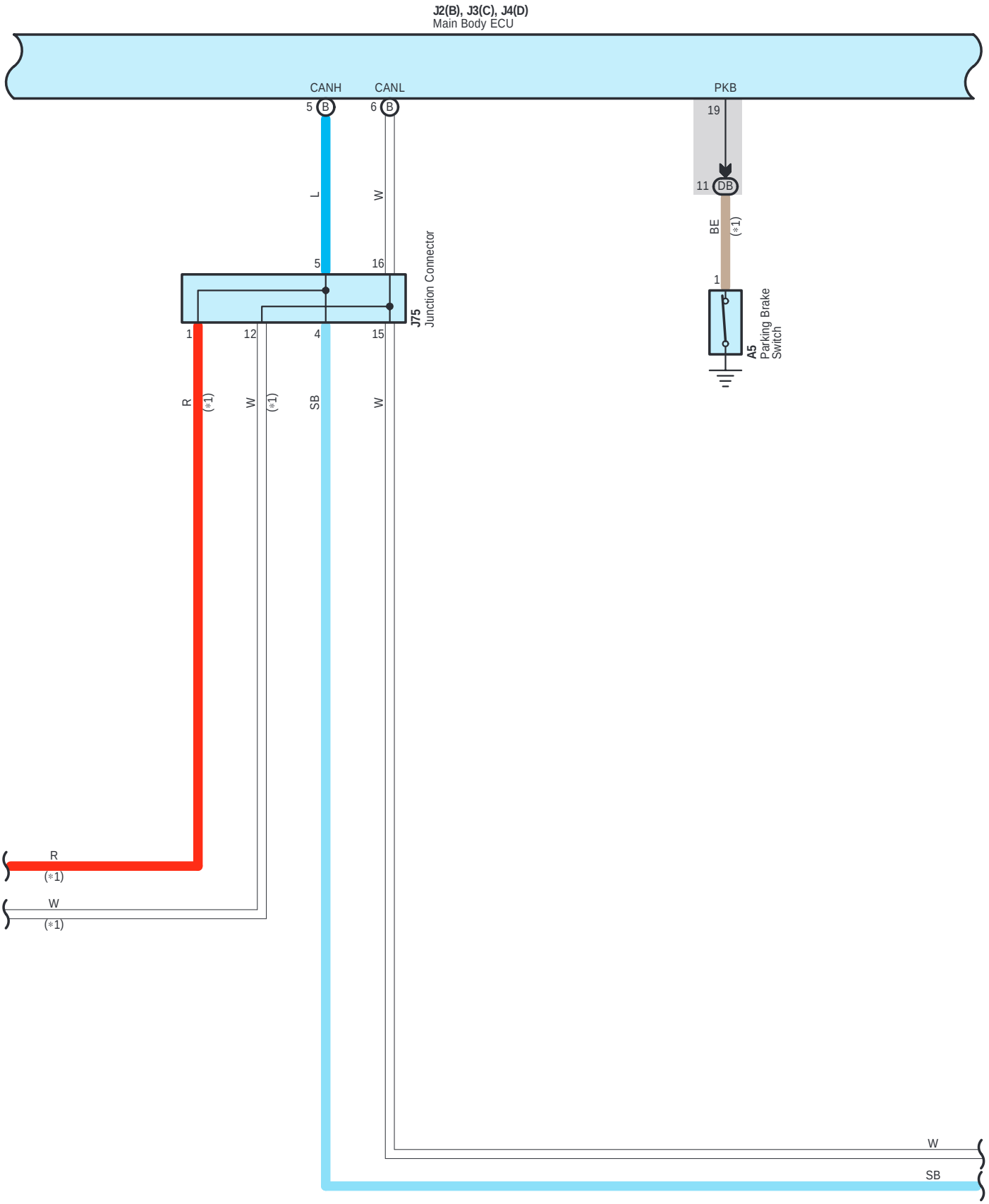


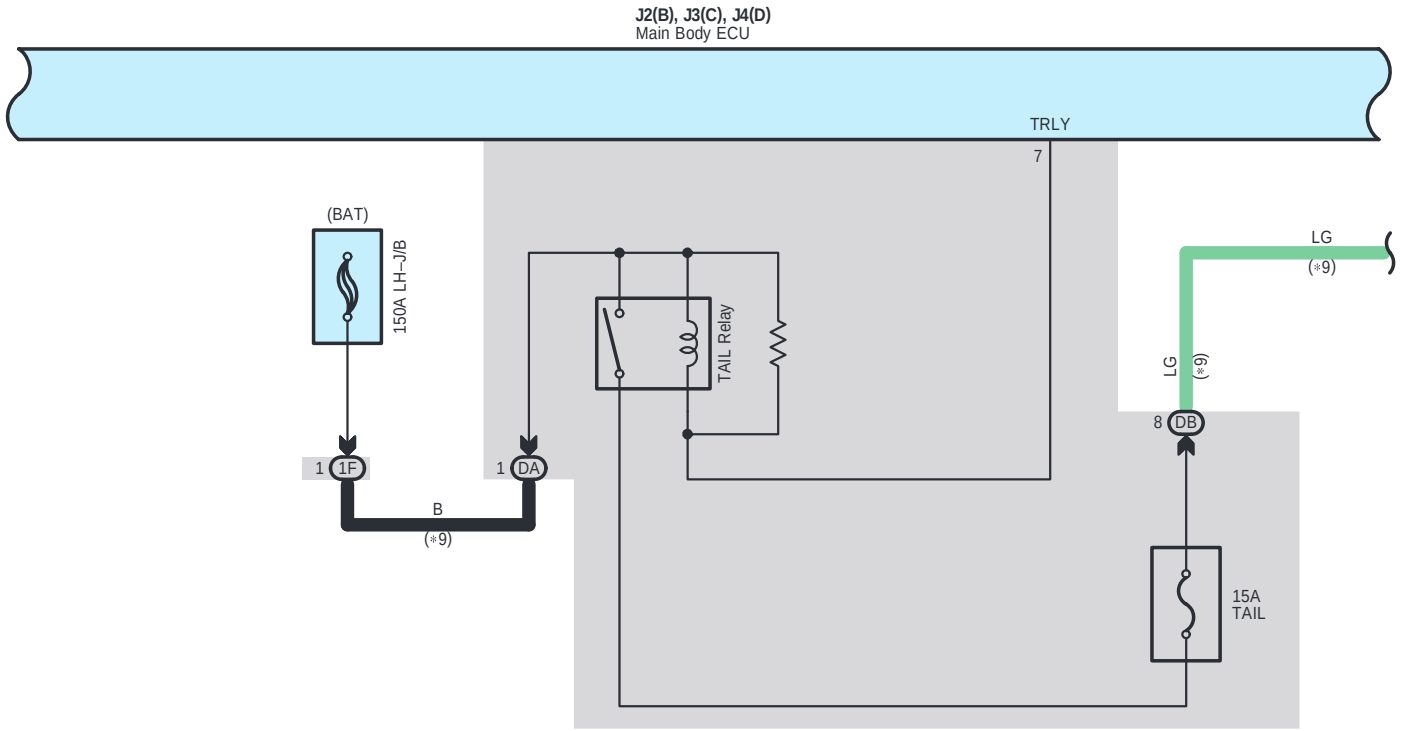

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1

J2(B), J3(C), J4(D)
Main Body ECU

＊1 : w/ Daytime Running Light

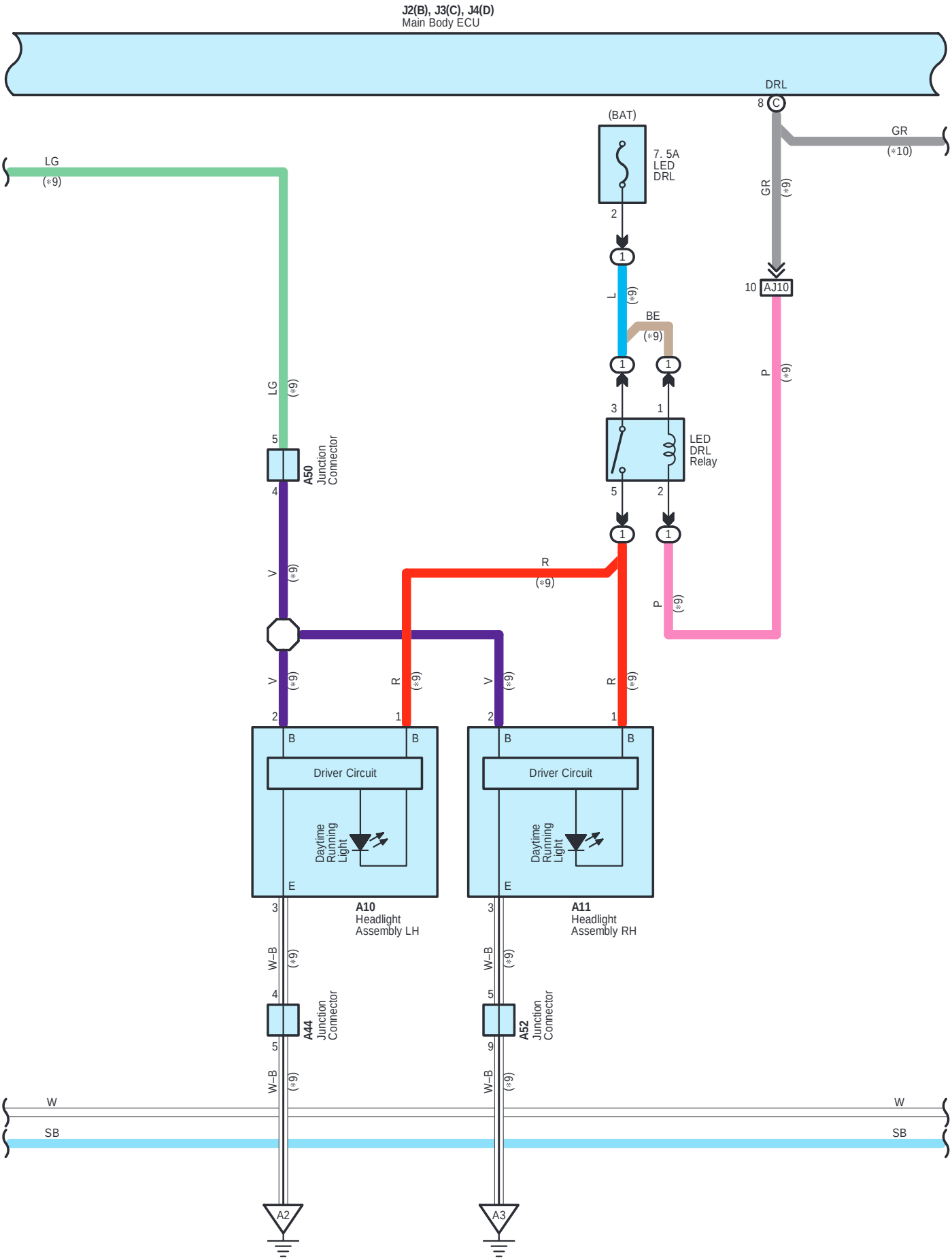


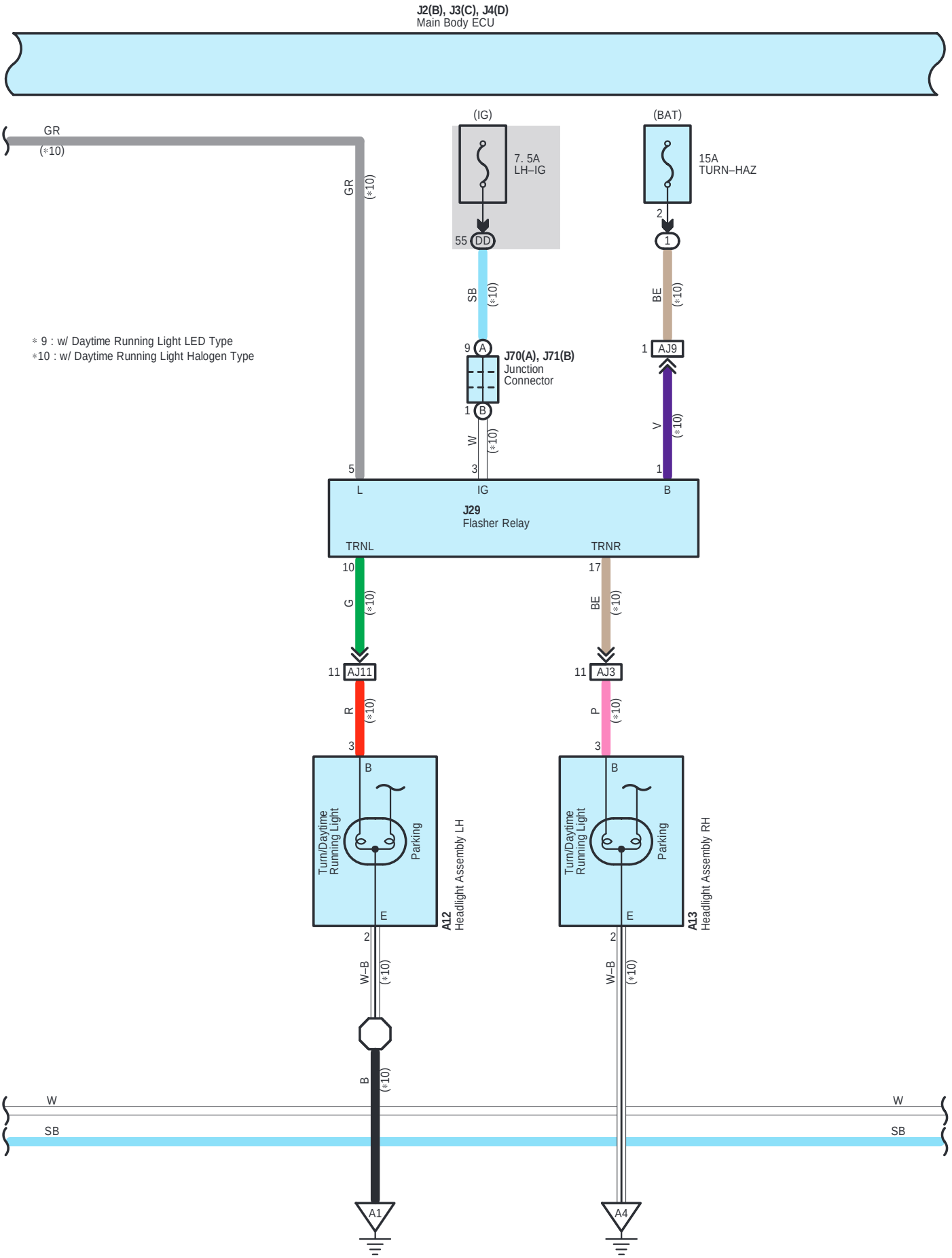

J2(B), J3(C), J4(D)
Main Body ECU
CANH
CANL
PKB
5 B
6 B
19
11 DB
L
W
BE
(*1)
5
16
1
J75
Junction Connector
1
12
4
15
R
(*1)
W
(*1)
SB
W
A5
Parking Brake
Switch
R
(*1)
W
(*1)
W
SB

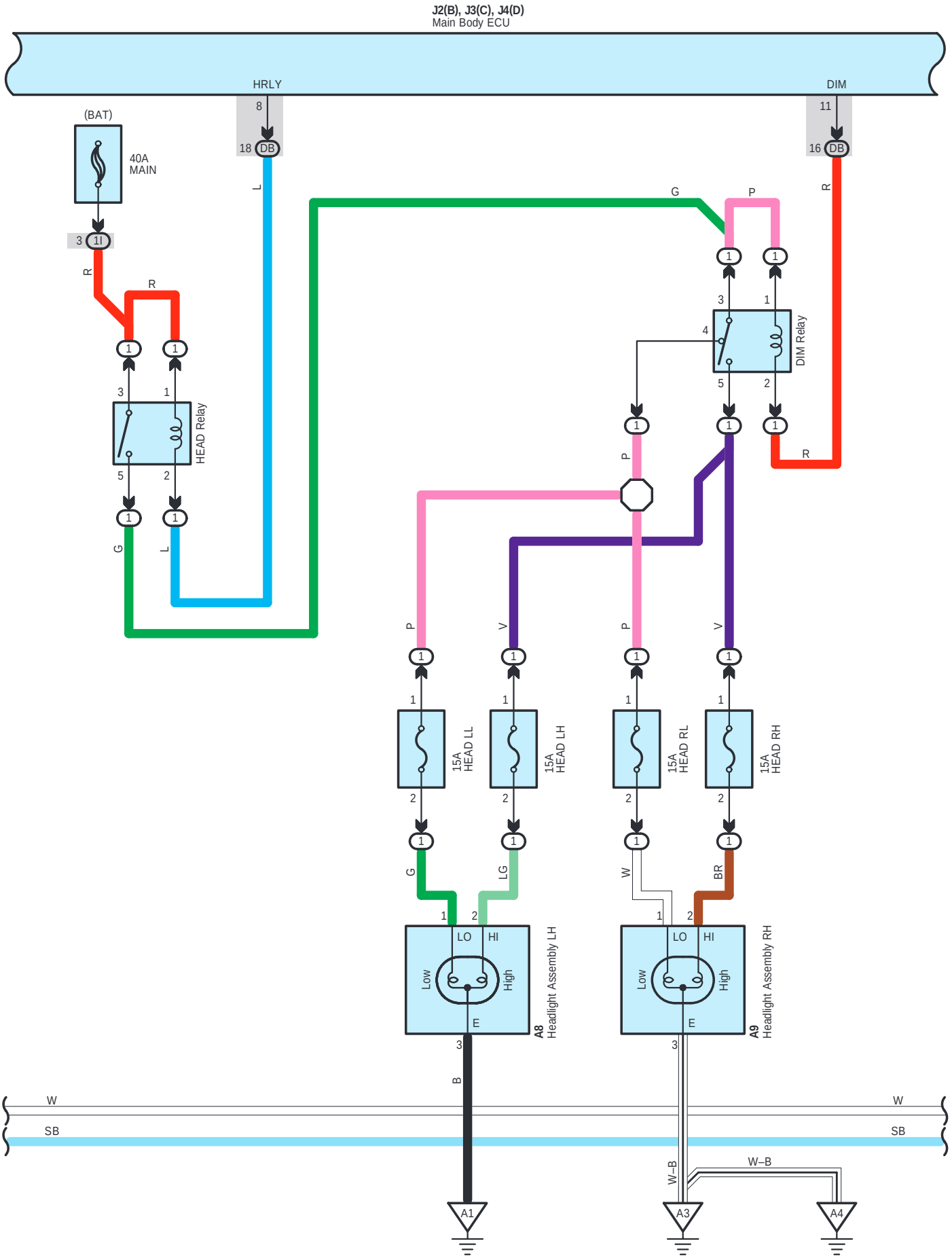


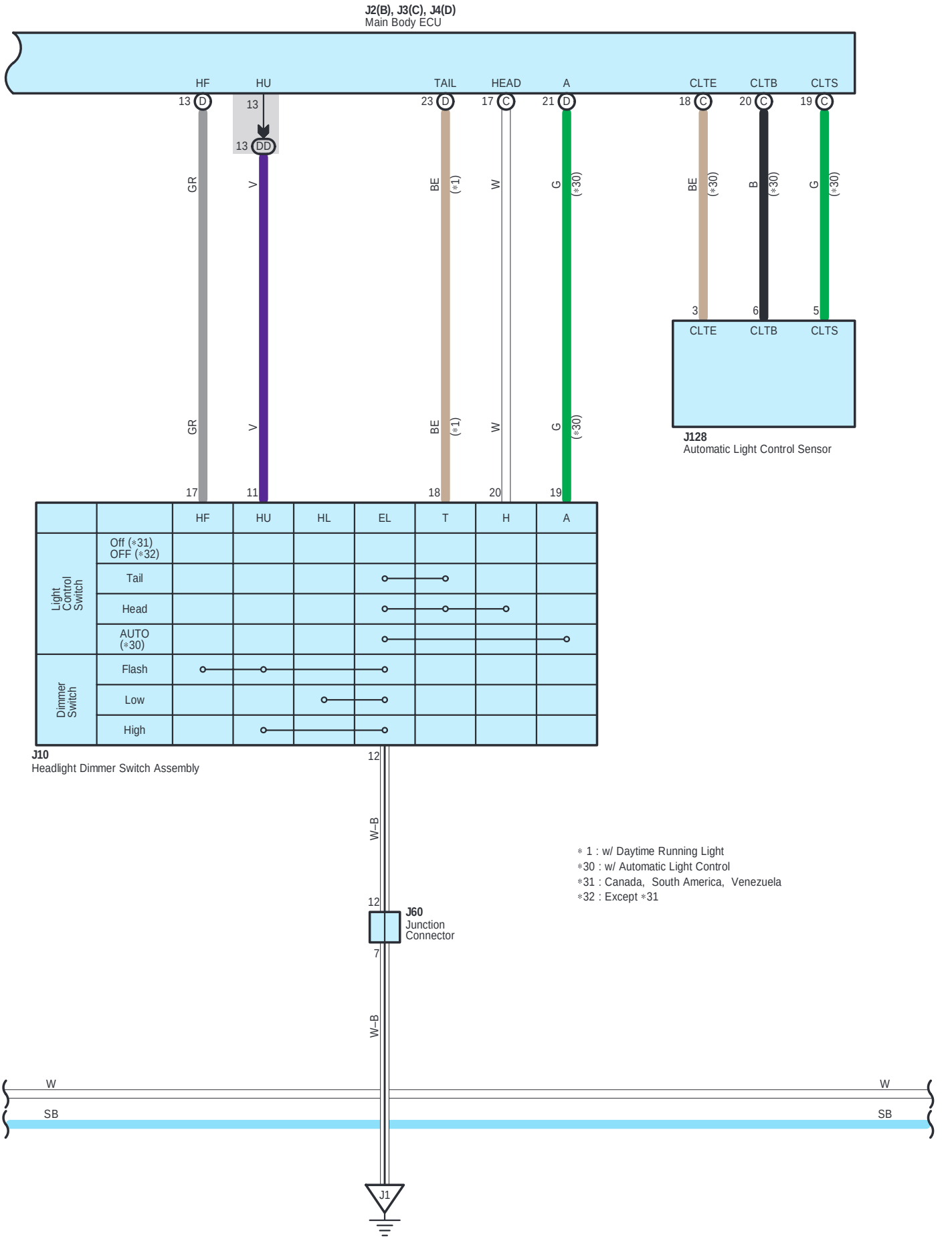
∗ 1 : w/ Daytime Running Light
∗ 9 : w/ Daytime Running Light LED Type

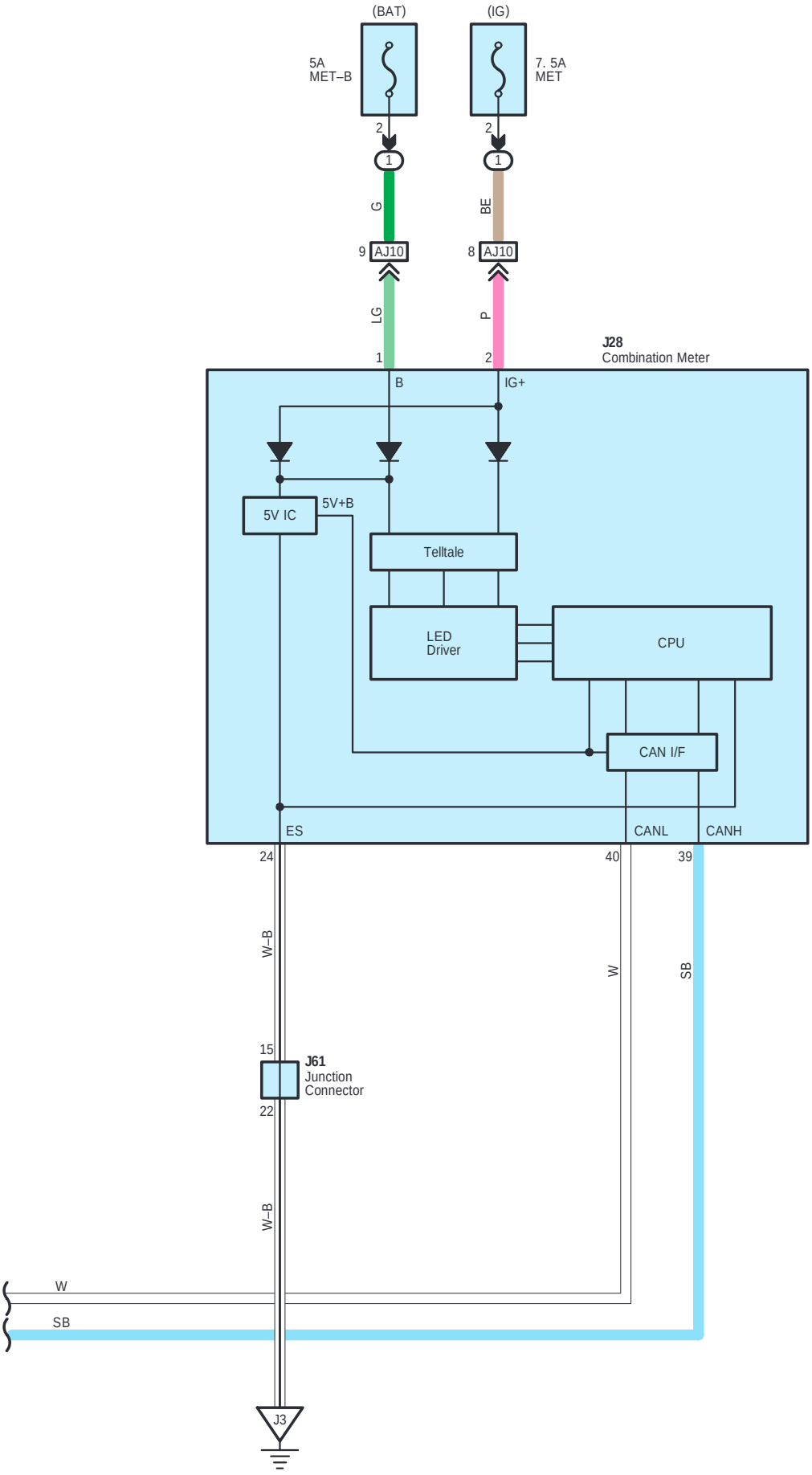



J2(B), J3(C), J4(D)
Main Body ECU
DRL
8
C
(BAT)
7. 5A
LED
DRL
GR
(*10)
GR
(*9)
LG
(*9)
2
1
L
(*9)
10
AJ10
BE
(*9)
P
(*9)
3
1
LED
DRL
Relay
5
2
LG
(*9)
5
A50
Junction
Connector
4
V
(*9)
R
(*9)
P
(*9)
V
(*9)
R
(*9)
V
(*9)
R
(*9)
2
1
2
1
B
B
B
B
Driver Circuit
Driver Circuit
Daytime
Running
Light
Daytime
Running
Light
E
E
3
3
A10
Headlight
Assembly LH
A11
Headlight
Assembly RH
W–B
(*9)
W–B
(*9)
4
5
A44
Junction
Connector
A52
Junction
Connector
5
9
W–B
(*9)
W–B
(*9)
W
SB
W
SB
A2
A3


J2(B), J3(C), J4(D)
Main Body ECU
(IG)
(BAT)
GR
(*10)
GR
(*10)
7. 5A
LH–IG
15A
TURN–HAZ
55 DD
2
1
SB
(*10)
BE
(*10)
* 9 : w/ Daytime Running Light LED Type
*10 : w/ Daytime Running Light Halogen Type
9 A
J70(A), J71(B)
Junction
Connector
1 B
1 AJ9
W
(*10)
V
(*10)
5
3
1
L
IG
B
J29
Flasher Relay
TRNL
TRNR
10
17
G
(*10)
BE
(*10)
11 AJ11
11 AJ3
R
(*10)
P
(*10)
3
3
B
B
Turn/Daytime Running Light
Parking
E
E
A12
Headlight Assembly LH
A13
Headlight Assembly RH
2
2
W–B
(*10)
W–B
(*10)
B
(*10)
W
SB
W
SB
A1
A4


J2(B), J3(C), J4(D)
Main Body ECU
HRLY
DIM
(BAT)
40A
MAIN
8
18 DB
11
16 DB
3 1
R
L
G
P
R
HEAD Relay
DIM Relay
15A
HEAD LL
15A
HEAD LH
15A
HEAD RL
15A
HEAD RH
V
W
BR
LG
LO
HI
Low
High
E
A8
Headlight Assembly LH
A9
Headlight Assembly RH
B
SB
W–B
A1
A3
A4

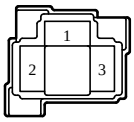

J2(B), J3(C), J4(D)
Main Body ECU
HF
HU
TAIL
HEAD
A
CLTE
CLTB
CLTS
13 D
13
13 DD
23 D
17 C
21 D
18 C
20 C
19 C
GR
V
BE (*1)
W
G (*30)
BE (*30)
B (*30)
G (*30)
3
6
5
CLTE
CLTB
CLTS
J128
Automatic Light Control Sensor
17
11
18
20
19
HF
HU
HL
EL
T
H
A
Light Control Switch
Off (*31)
OFF (*32)
Tail
Head
AUTO (*30)
Dimmer Switch
Flash
Low
High
J10
Headlight Dimmer Switch Assembly
12
W–B
12
J60
Junction Connector
7
W–B
W
SB
W
SB
J1
* 1 : w/ Daytime Running Light
*30 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31


(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
W
SB
J3

A 5
White

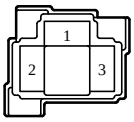


A 8
Brown



(High, Low)

A 9
Brown



(High, Low)

A 10
White



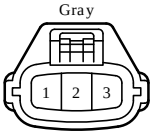
(Daytime Running Light LED Type and Parking LED Light Type)

A 11
White



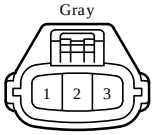
(Daytime Running Light LED Type and Parking LED Light Type)

A 12
Gray



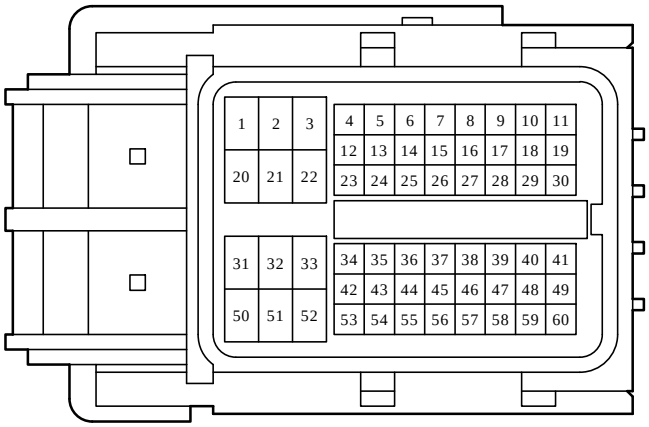
(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray

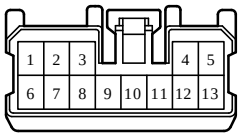


(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

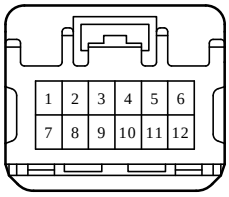
A 24
Black



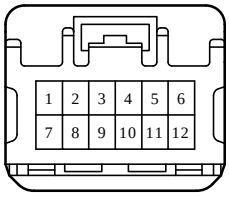
A 44
White



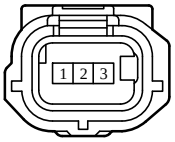
A 50
White



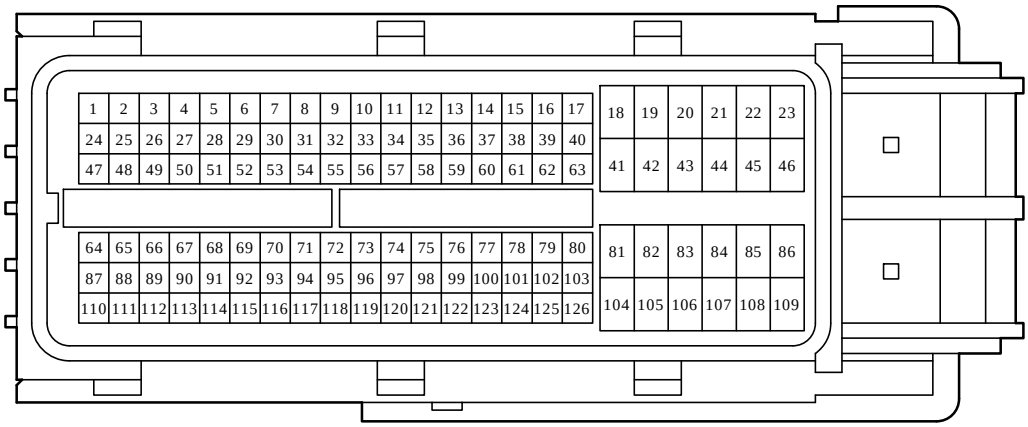
A 52
White



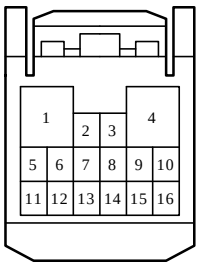
D 3
Black



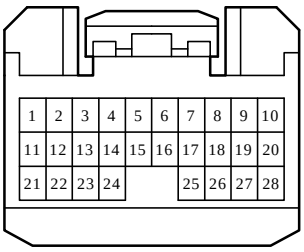
D 74
Black



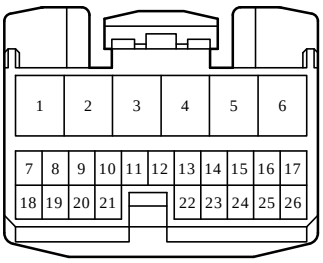
J 2
White



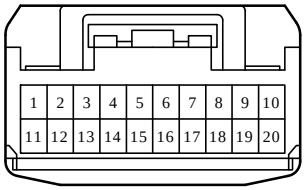
J 3
White



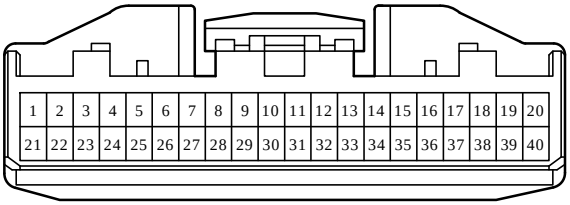
J 4
White



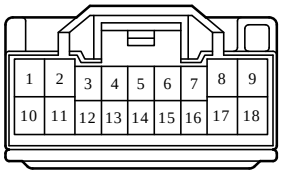
J 10
White



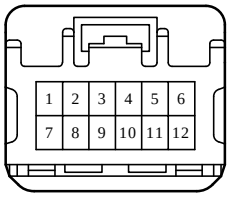
J 28
Black



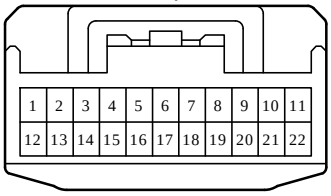
J 29
White



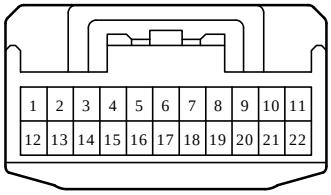
J 60
White



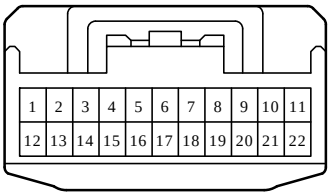
J 61
Gray



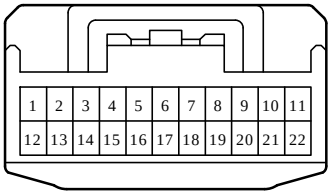
J 70
Blue



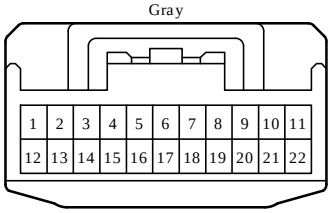
J 71
White



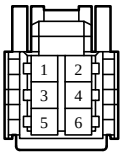
J 74
Gray



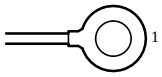
J 75
Gray



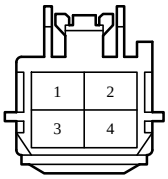
J128
Black



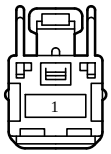
1F



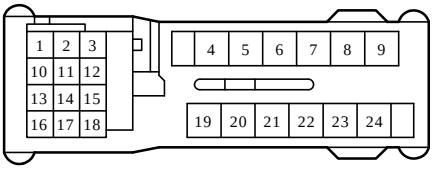
1I
White



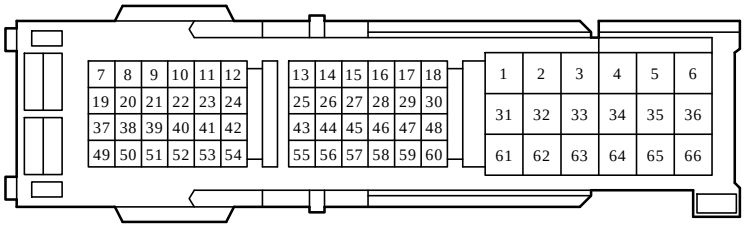
DA
White



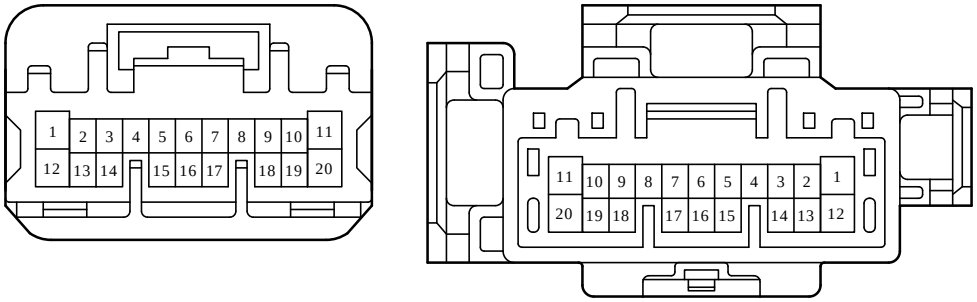
DB
White



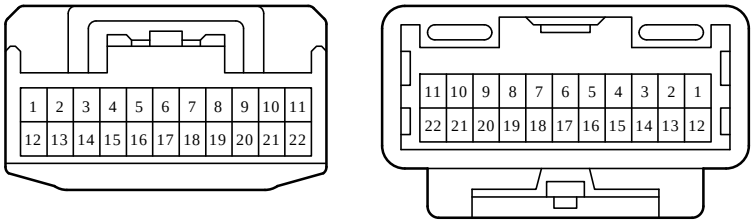
DD
White



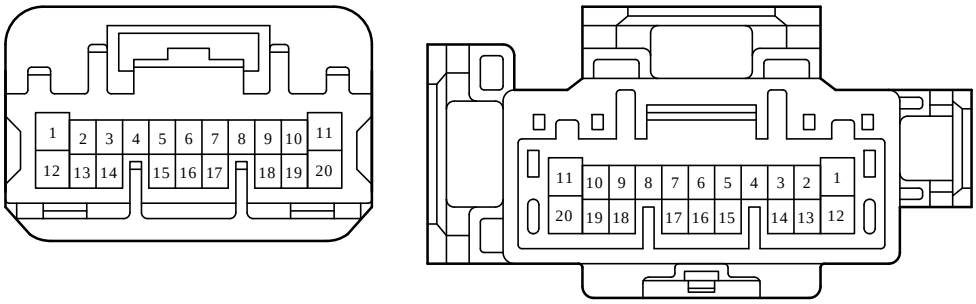
AJ3
White



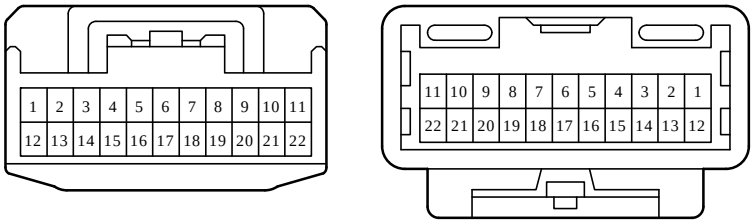
AJ5
Gray



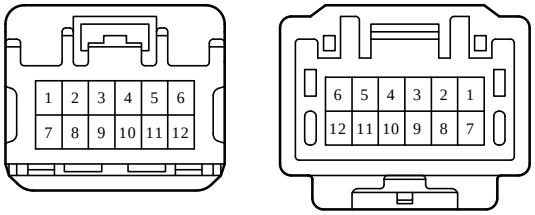
AJ9
White

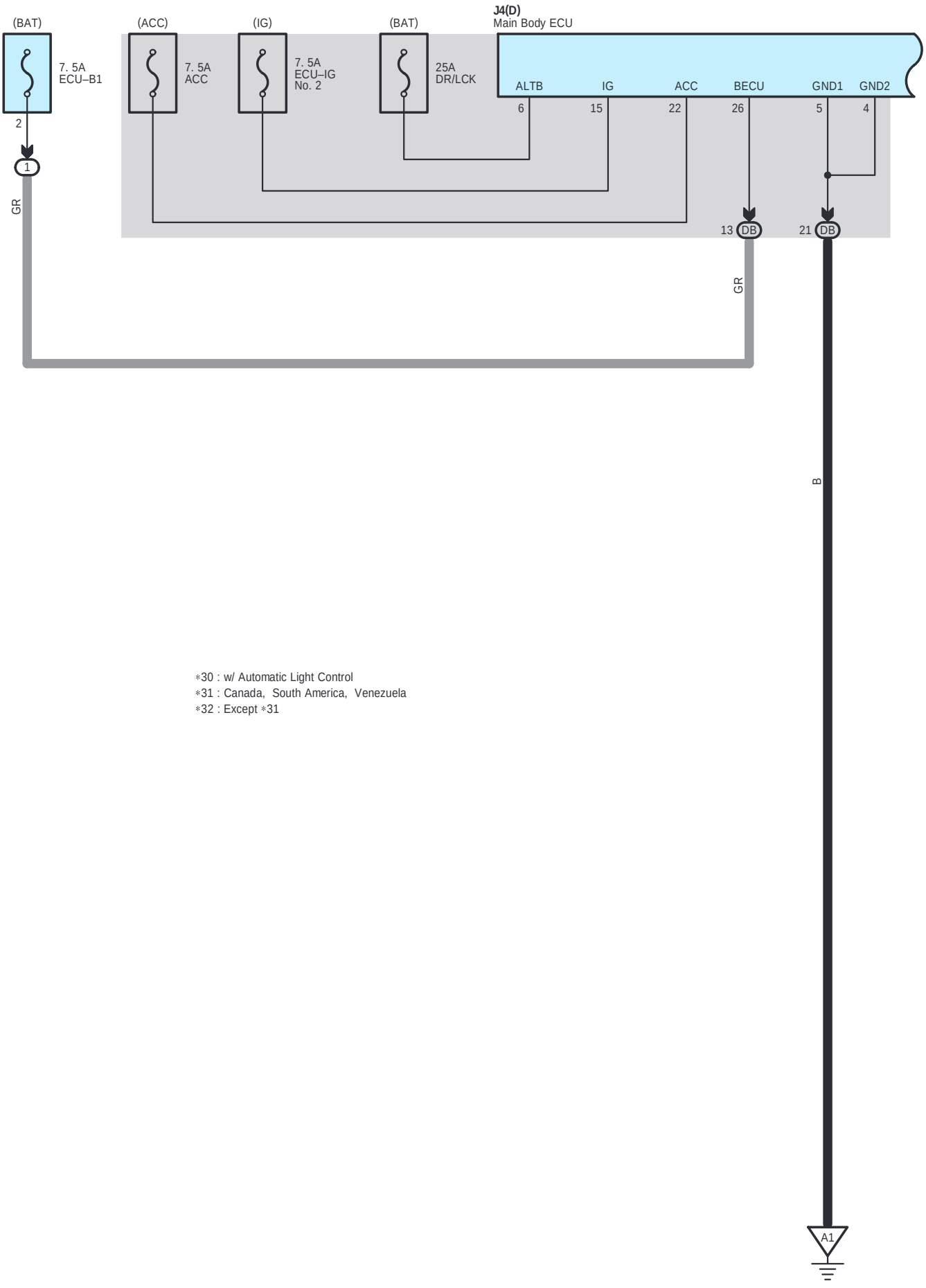


AJ10
Gray

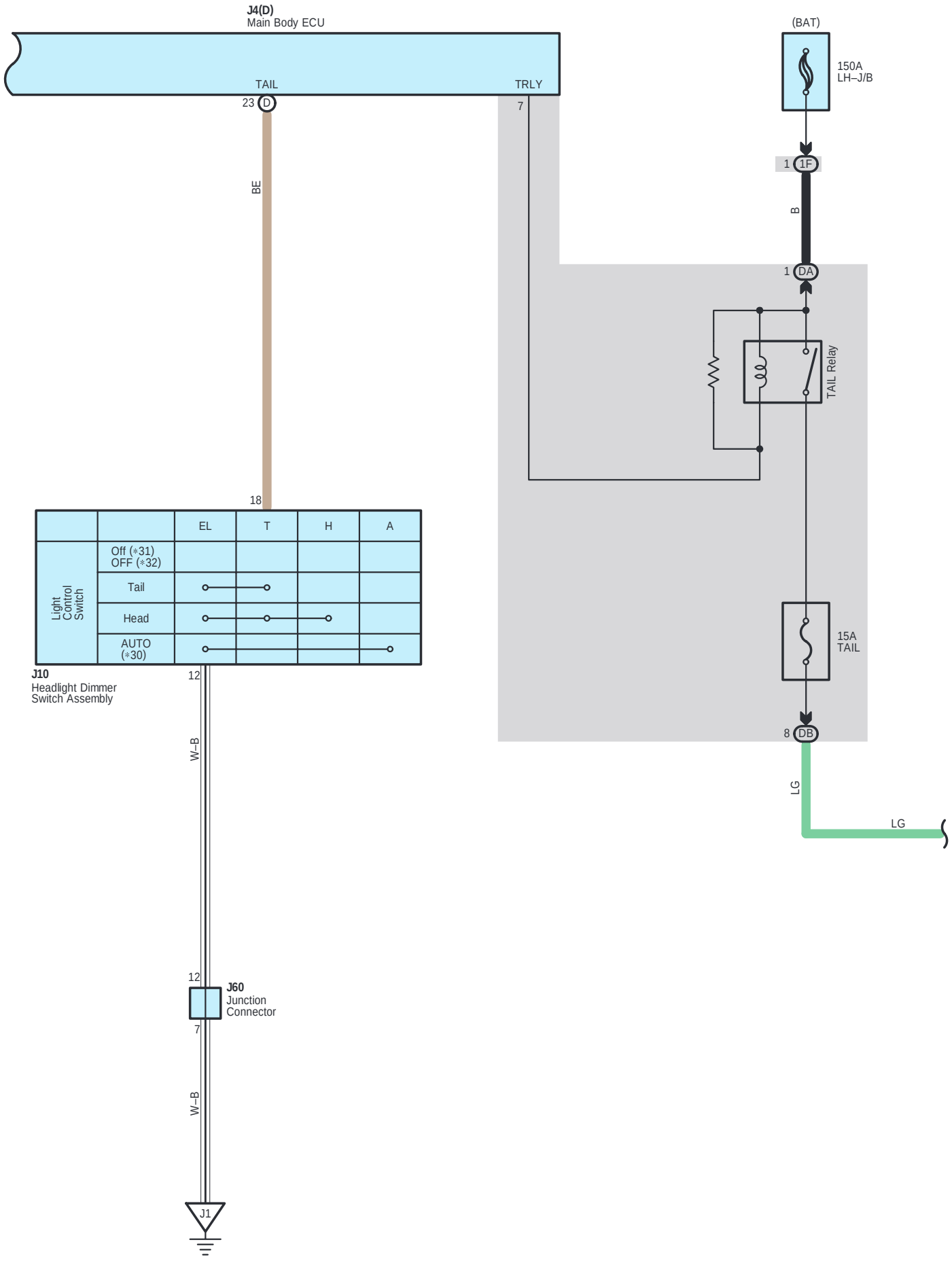


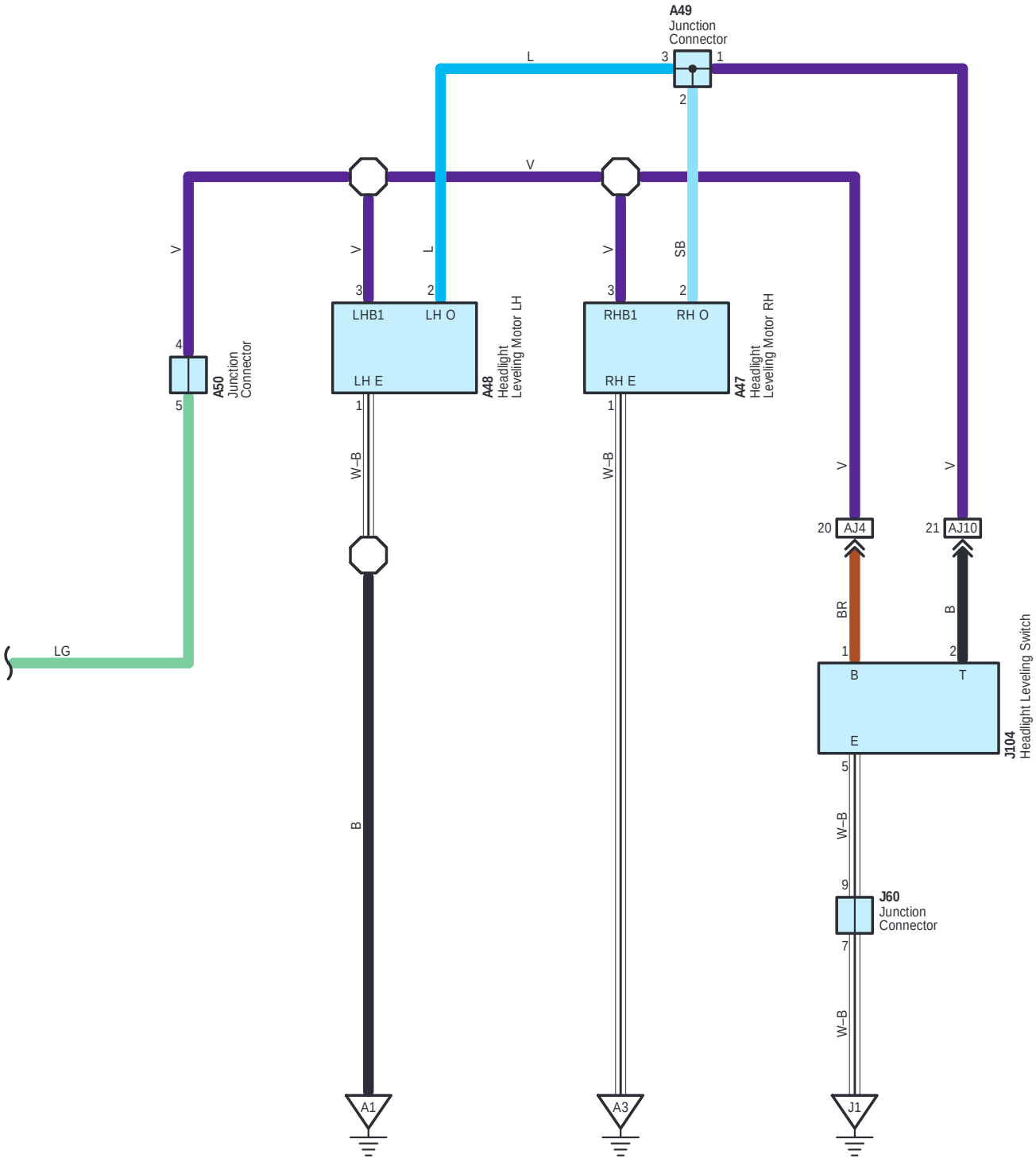
AJ11
Gray



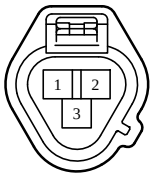


∗30 : w/ Automatic Light Control
∗31 : Canada, South America, Venezuela
∗32 : Except ∗31

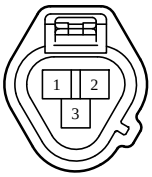

J4(D)
Main Body ECU
TAIL
TRLY
23
D
7
BE
18
(BAT)
150A
LH–J/B
1
1F
B
1
DA
TAIL Relay
15A
TAIL
8
DB
LG
LG
EL
T
H
A
Off (*31)
OFF (*32)
Tail
Head
AUTO
(*30)
Light
Control
Switch
J10
Headlight Dimmer
Switch Assembly
12
W–B
12
J60
Junction
Connector
7
W–B
J1


A49
Junction
Connector
3
1
2
L
V
V
L
V
SB
V
4
5
A50
Junction
Connector
LG
3
2
LHB1
LH O
LH E
A48
Headlight
Leveling Motor LH
1
W–B
B
3
2
RHB1
RH O
RH E
A47
Headlight
Leveling Motor RH
1
W–B
V
V
20
AJ4
21
AJ10
BR
B
1
2
B
T
E
J104
Headlight Leveling Switch
5
W–B
9
J60
Junction
Connector
7
W–B
A1
A3
J1

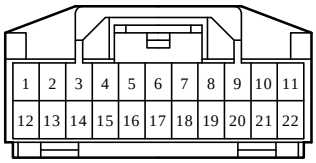
A 47
Black



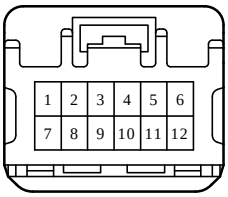
A 48
Black



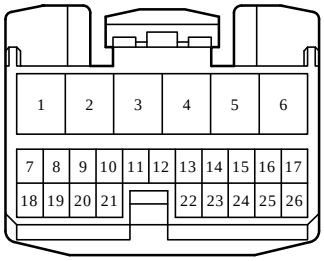
A 49
White



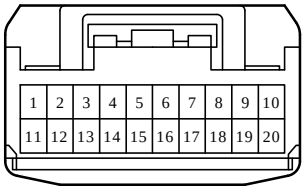
A 50
White



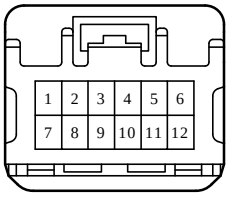
J 4
White



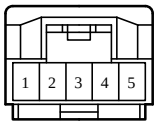
J 10
White



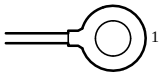
J 60
White



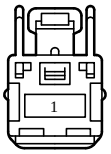
J104
Black



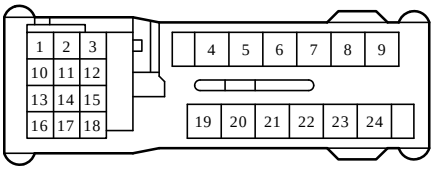
1F



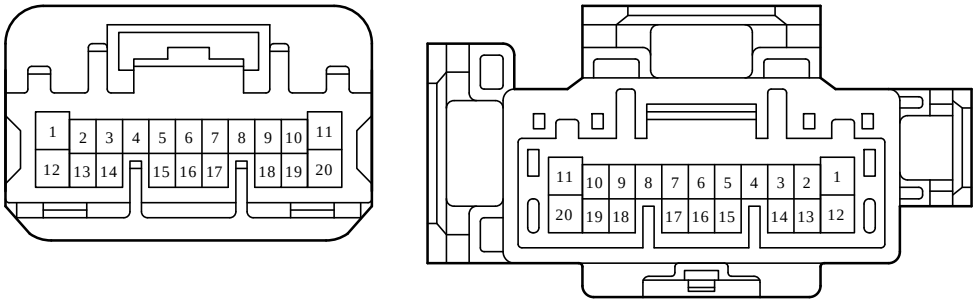
DA
White



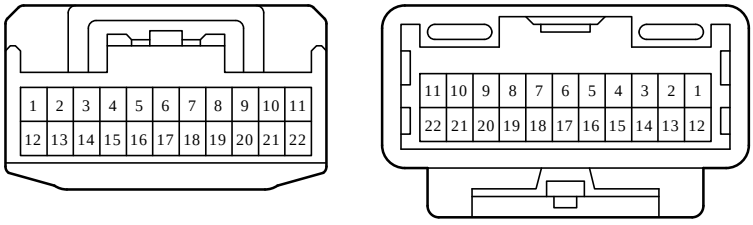
DB
White

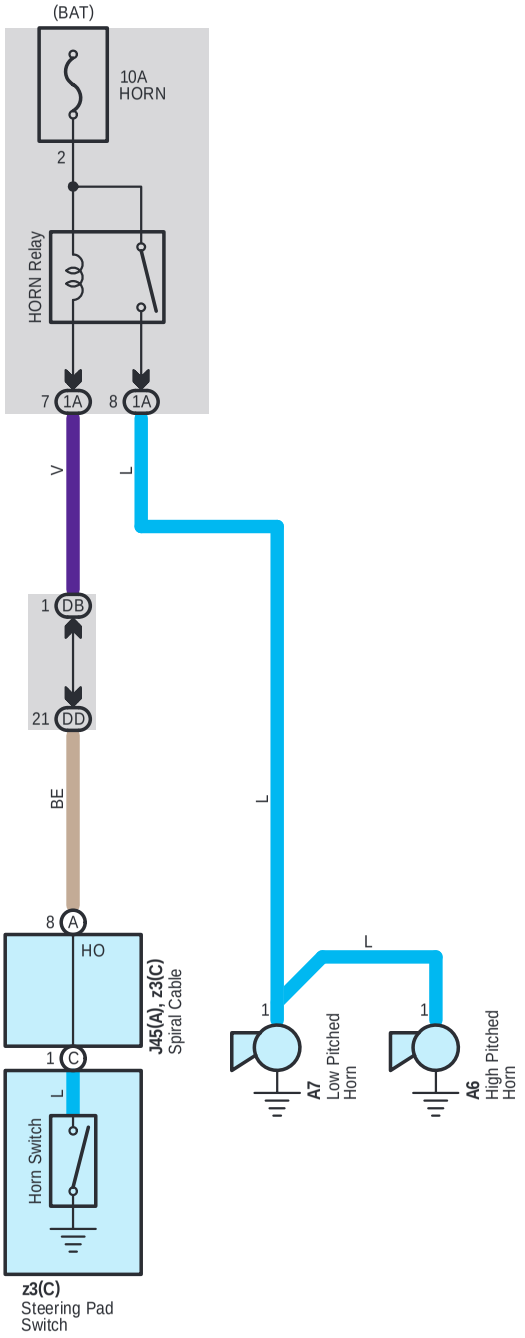


AJ4
White

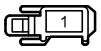


AJ10
Gray

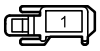



(BAT)
10A
HORN
2
HORN Relay
7 1A
8 1A
V
L
1 DB
21 DD
BE
L
L
8 A
HO
J45(A), z3(C)
Spiral Cable
1 C
L
Horn Switch
z3(C)
Steering Pad
Switch
1
A7
Low Pitched
Horn
1
A6
High Pitched
Horn

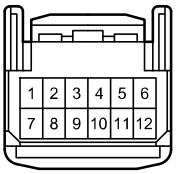
A 6
Black



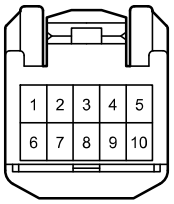
A 7
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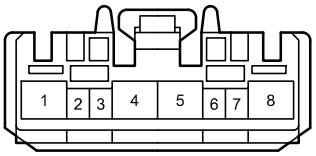
J 45
Black



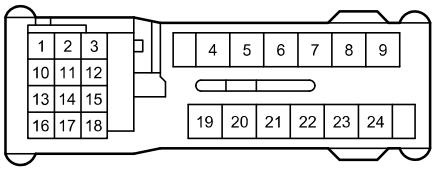
z 3
White



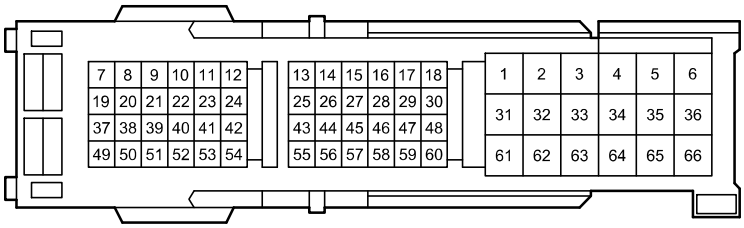
1A
White

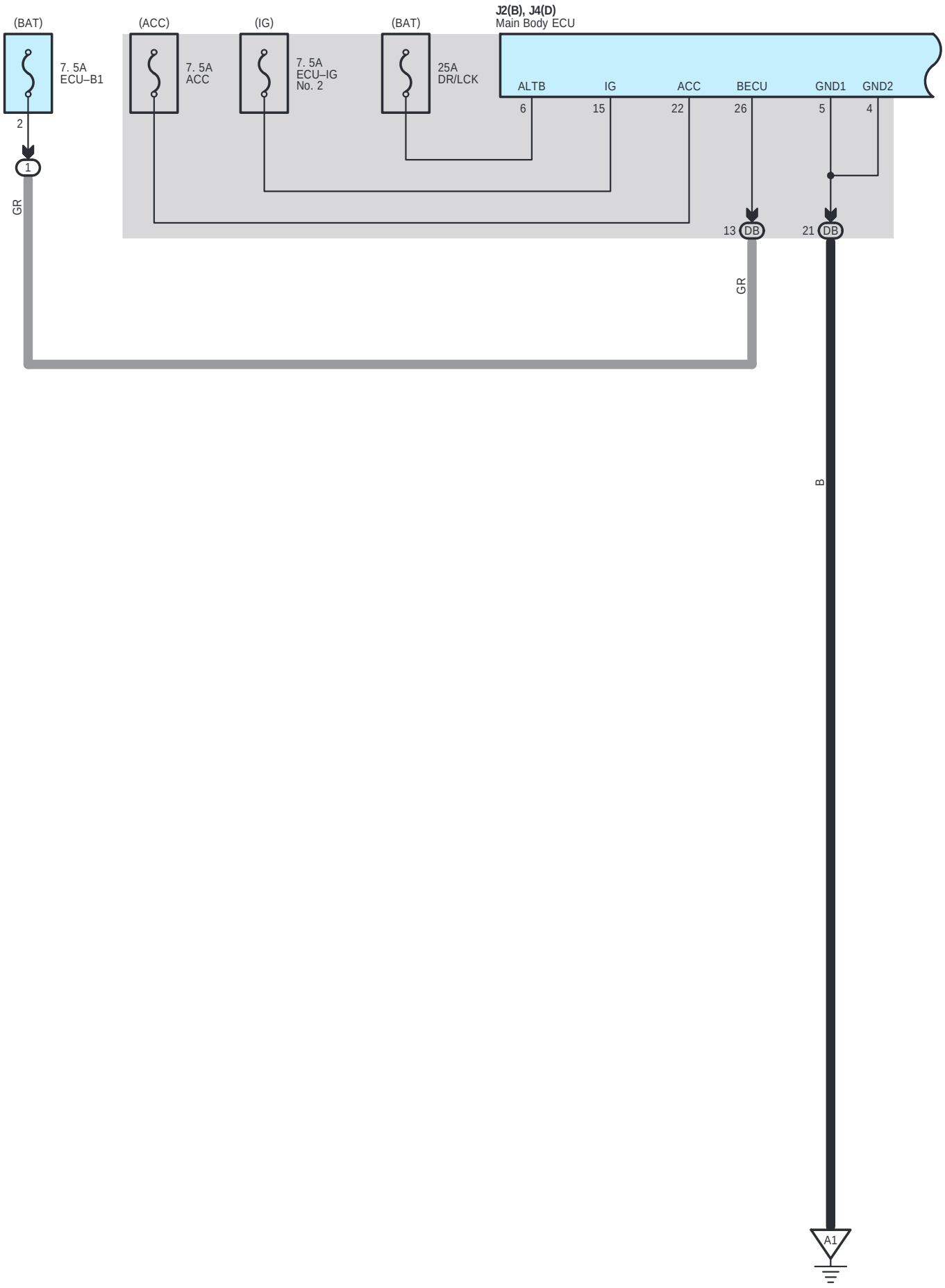


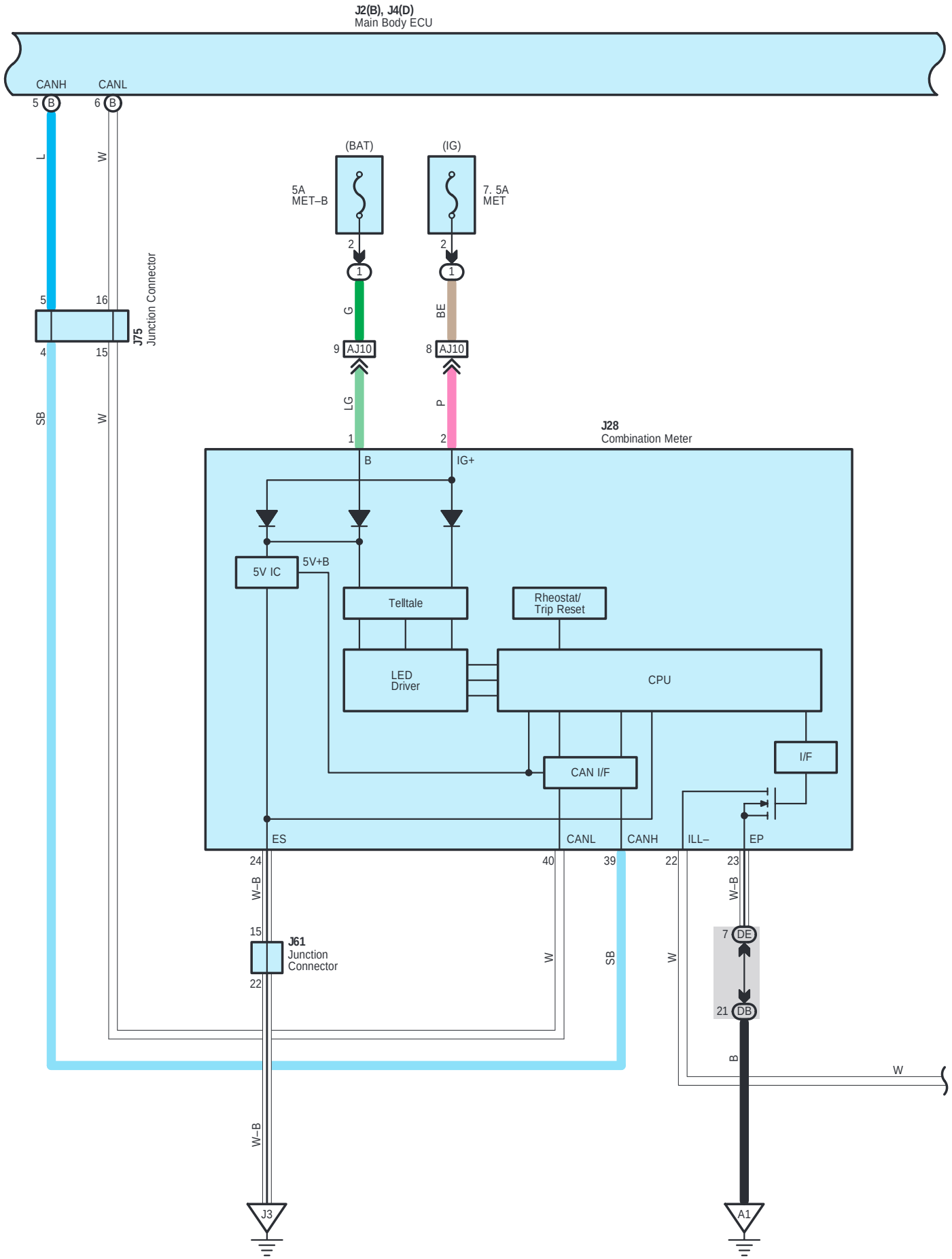
DB
White

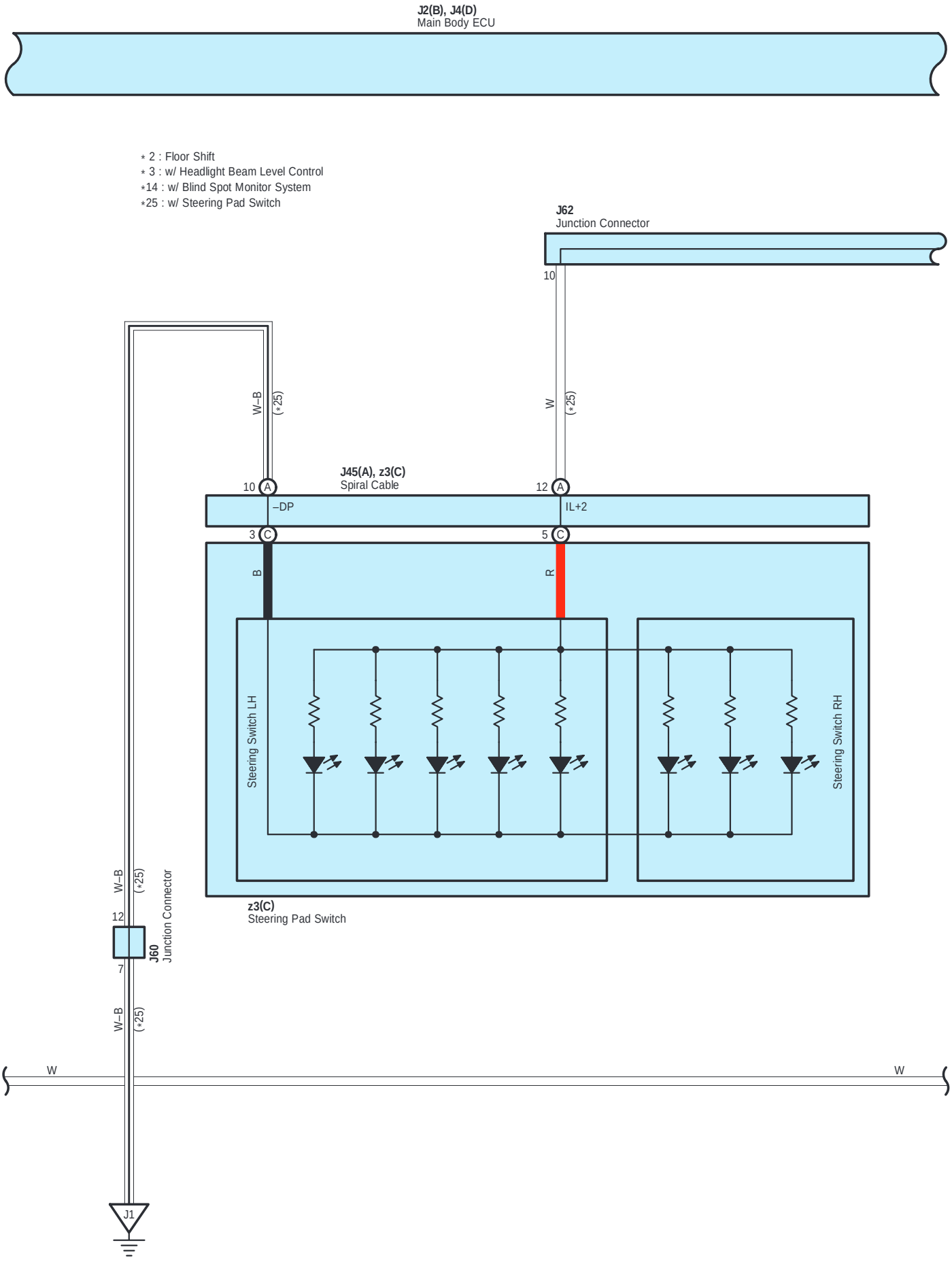


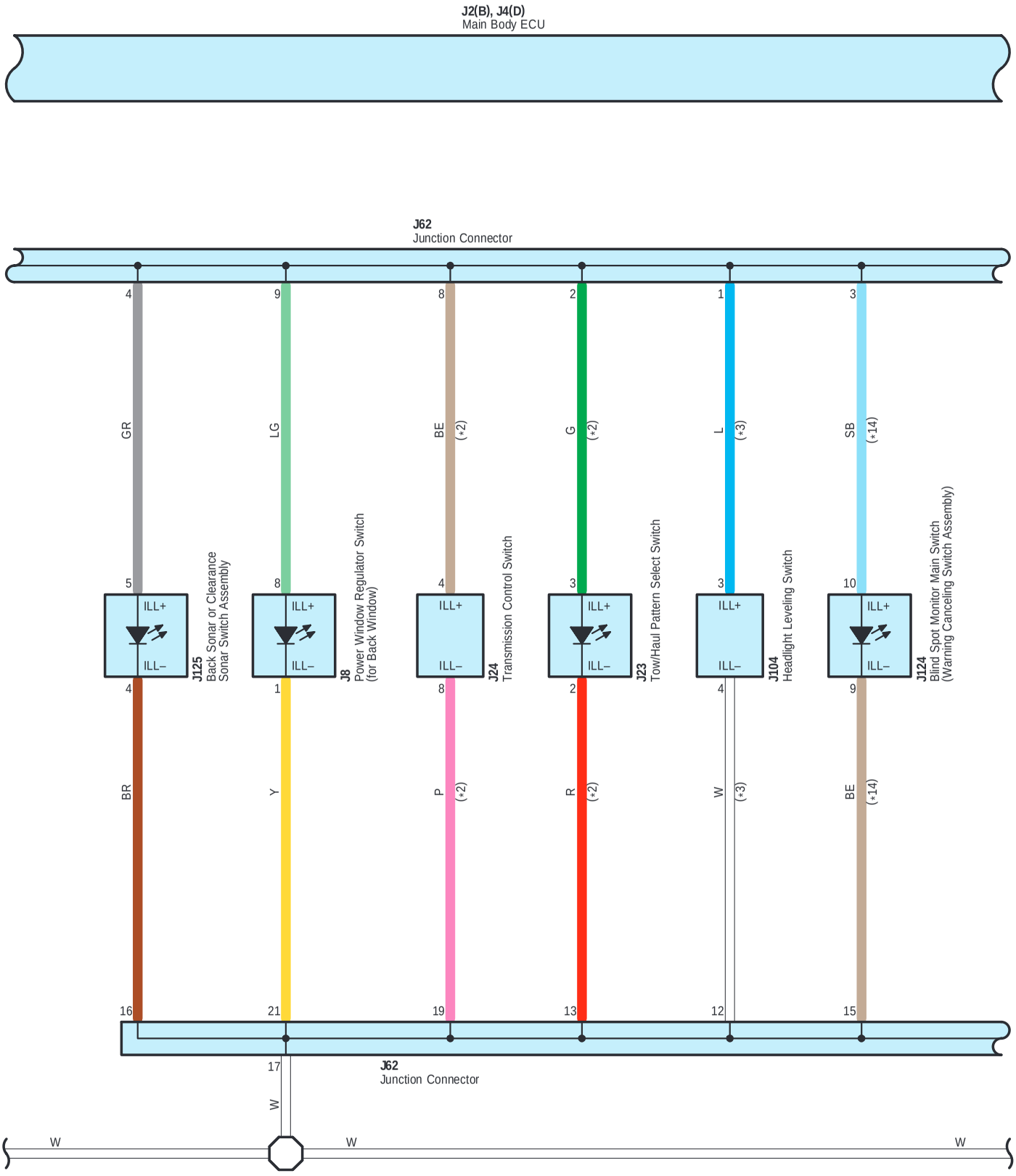
DD
White

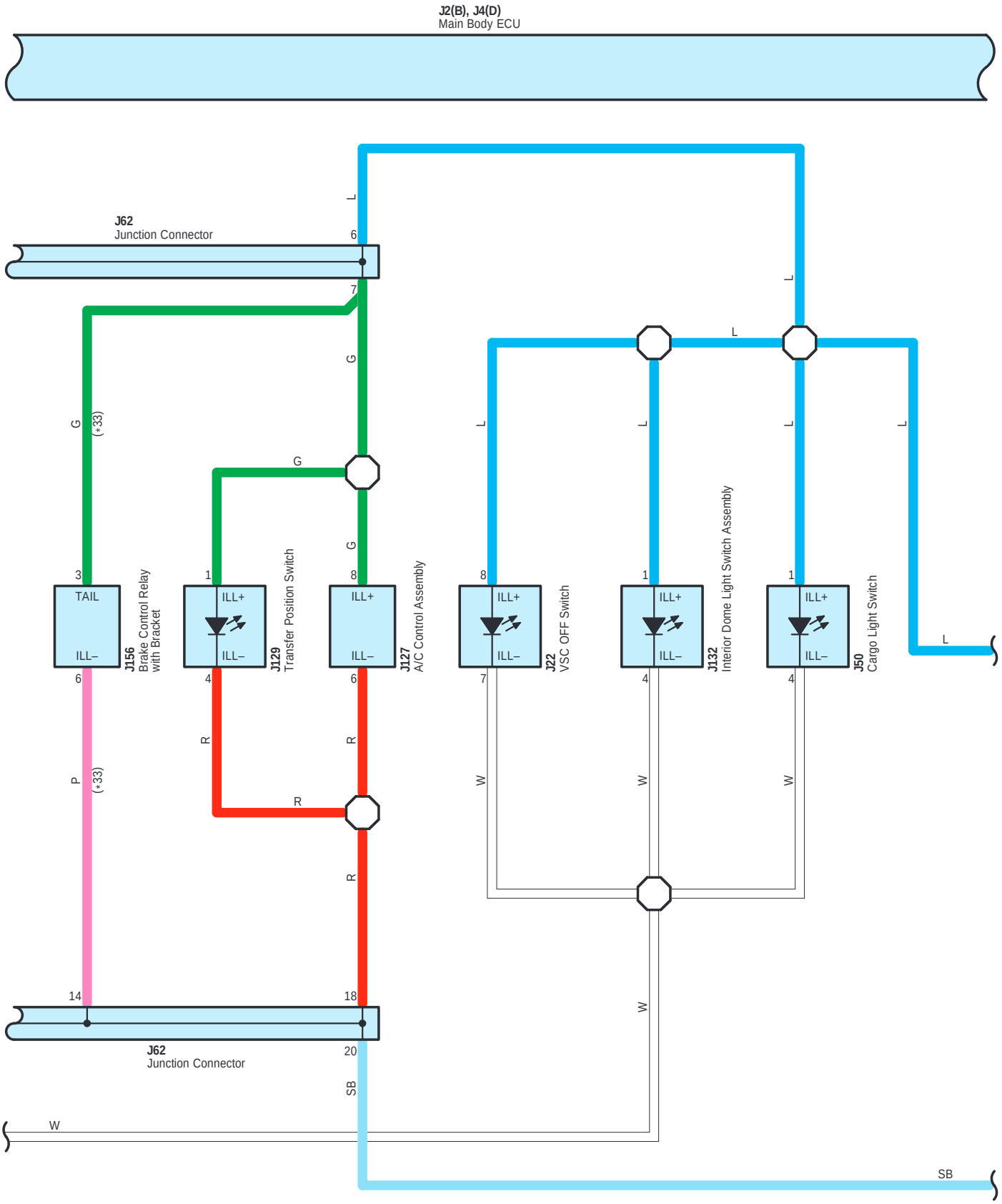



(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1

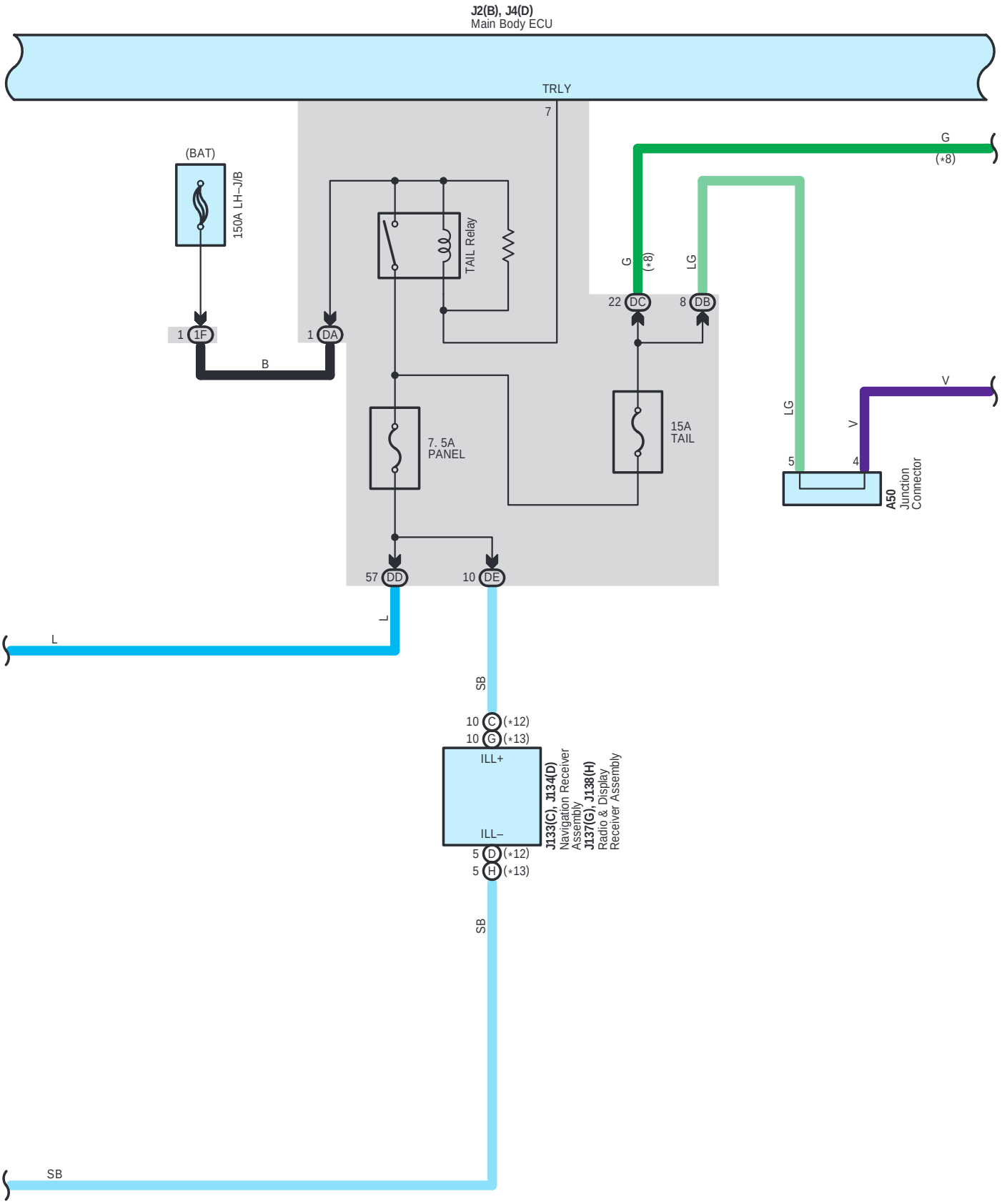

J2(B), J4(D)
Main Body ECU
CANH
CANL
5 B
6 B
L
W
(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
5
16
4
15
J75
Junction Connector
SB
W
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Rheostat/
Trip Reset
LED
Driver
CPU
I/F
CAN I/F
ES
CANL
CANH
ILL–
EP
24
40
39
22
23
W–B
15
J61
Junction
Connector
22
W
SB
W
7 DE
21 DB
B
W
W–B
J3
A1

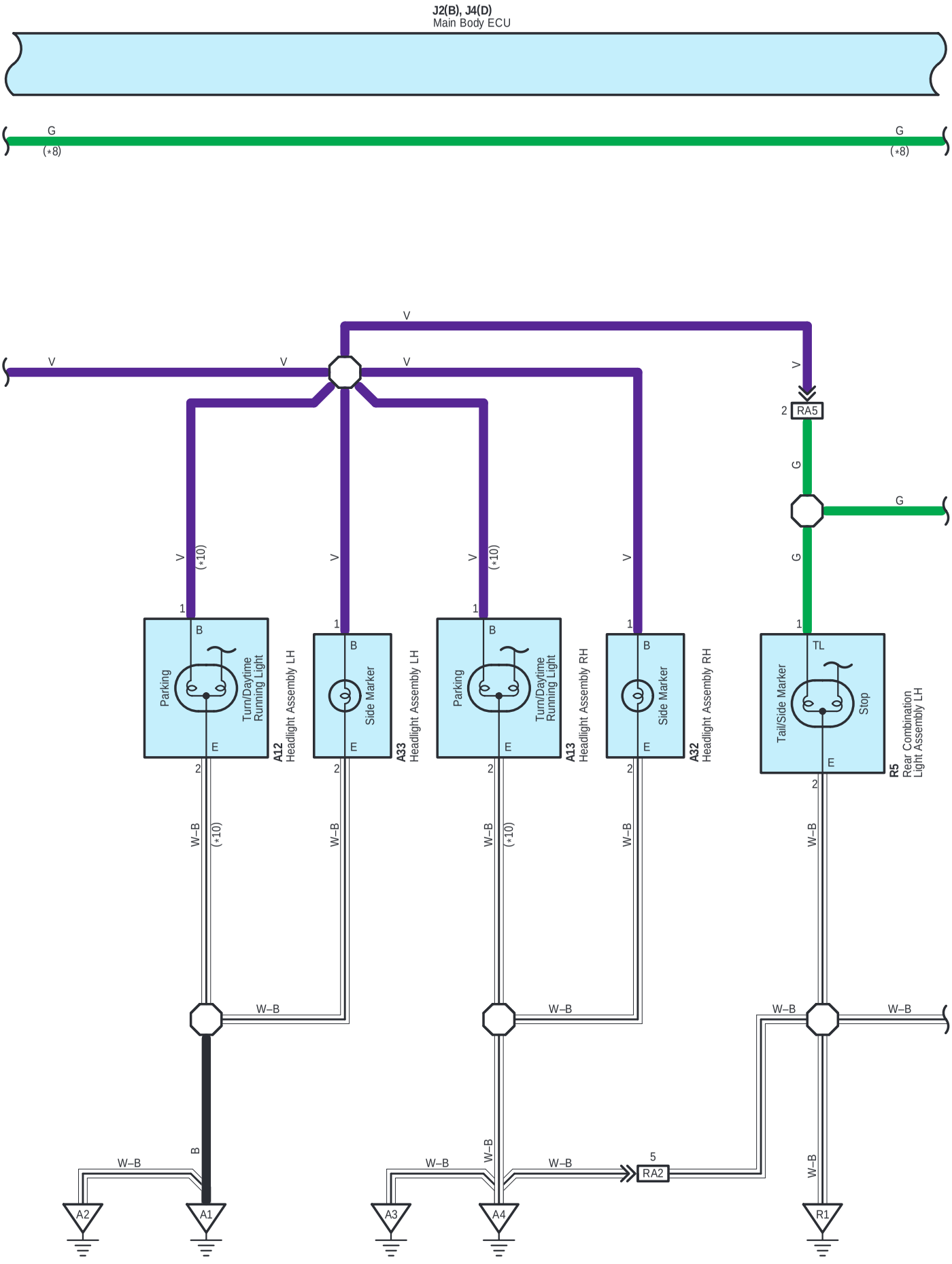

J2(B), J4(D)
Main Body ECU
* 2 : Floor Shift
* 3 : w/ Headlight Beam Level Control
*14 : w/ Blind Spot Monitor System
*25 : w/ Steering Pad Switch
J62
Junction Connector
10
W
(*25)
W–B
(*25)
J45(A), z3(C)
Spiral Cable
10 A
12 A
–DP
IL+2
3 C
5 C
B
R
Steering Switch LH
Steering Switch RH
z3(C)
Steering Pad Switch
W–B
(*25)
12
J60
Junction Connector
7
W–B
(*25)
W
W
J1

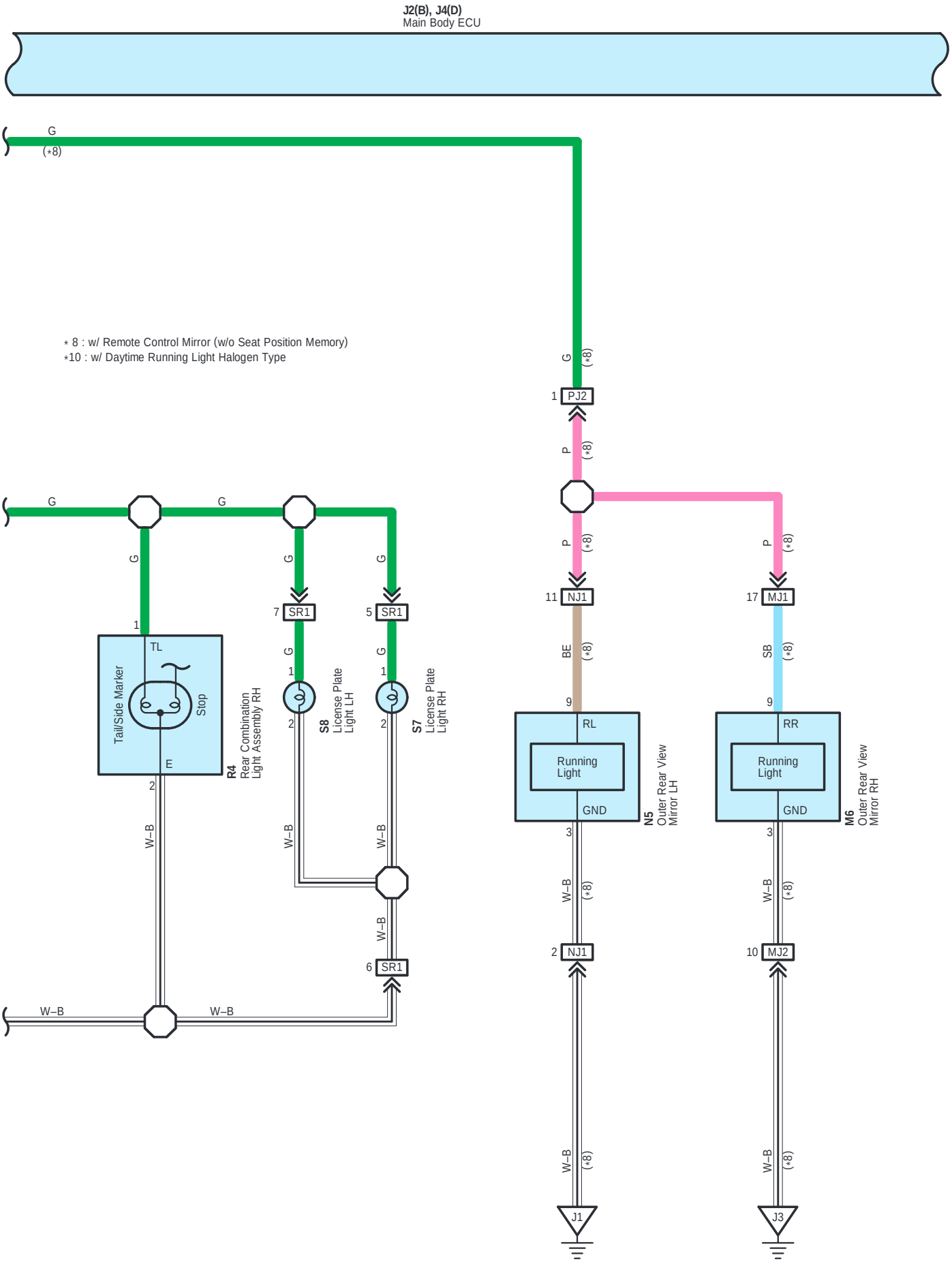

J2(B), J4(D)
Main Body ECU
J62
Junction Connector
4
9
8
2
1
3
GR
LG
BE
(*2)
G
(*2)
L
(*3)
SB
(*14)
5
8
4
3
3
10
ILL+
ILL–
J125
Back Sonar or Clearance
Sonar Switch Assembly
J8
Power Window Regulator Switch
(for Back Window)
J24
Transmission Control Switch
J23
Tow/Haul Pattern Select Switch
J104
Headlight Leveling Switch
J124
Blind Spot Monitor Main Switch
(Warning Canceling Switch Assembly)
4
1
8
2
4
9
BR
Y
P
(*2)
R
(*2)
W
(*3)
BE
(*14)
16
21
19
13
12
15
17
J62
Junction Connector
W
W
W

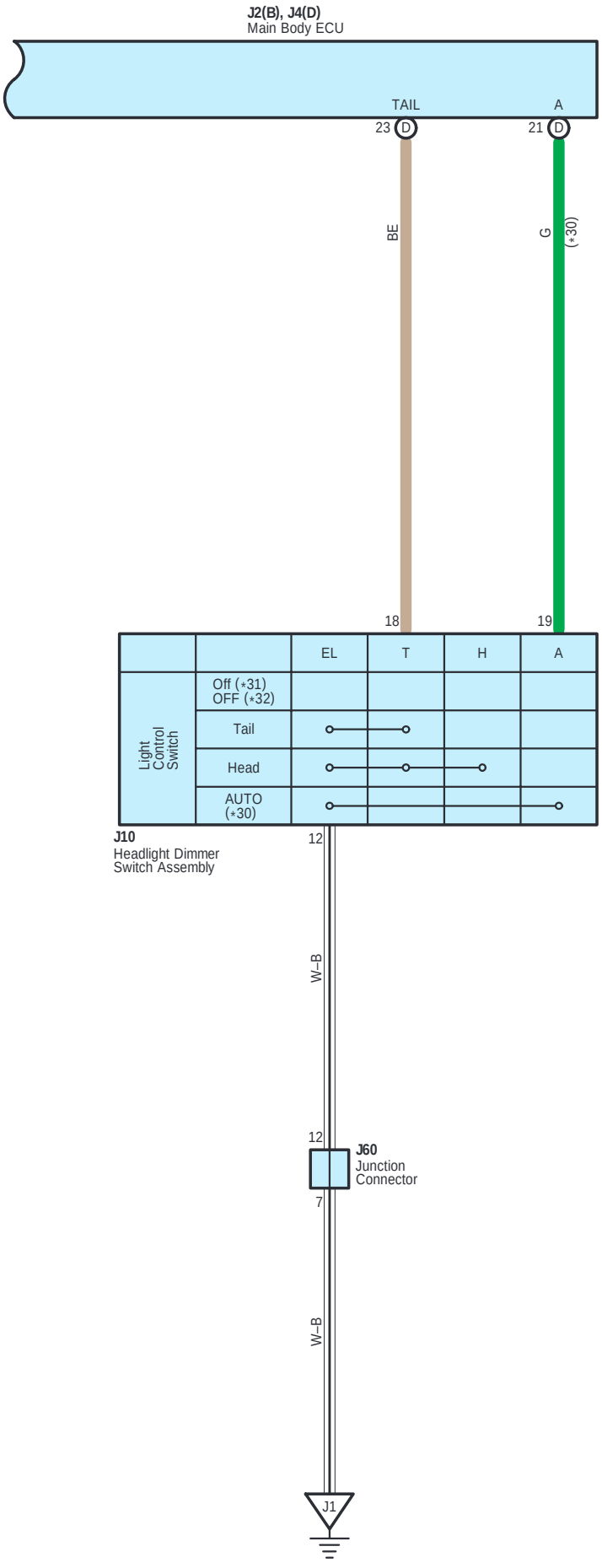


* 8 : w/ Remote Control Mirror (w/o Seat Position Memory)
*12 : w/ Navigation System
*13 : w/o Navigation System
*33 : w/ Trailer Brake Control System


J2(B), J4(D)
Main Body ECU
TRLY
7
(BAT)
150A LH–J/B
TAIL Relay
1 1F
1 DA
B
G
(*8)
LG
22 DC
8 DB
7. 5A
PANEL
15A
TAIL
LG
V
V
5
4
A50
Junction
Connector
57 DD
10 DE
L
L
SB
10 C (*12)
10 G (*13)
ILL+
ILL–
5 D (*12)
5 H (*13)
J133(C), J134(D)
Navigation Receiver
Assembly
J137(G), J138(H)
Radio & Display
Receiver Assembly
SB
SB

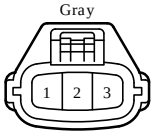

J2(B), J4(D)
Main Body ECU
G
(*8)
G
(*8)
V
V
V
V
V
2
RA5
G
G
G
V
(*10)
V
V
(*10)
V
1
1
1
1
1
B
B
B
TL
Parking
Turn/Daytime Running Light
Side Marker
Parking
Turn/Daytime Running Light
Side Marker
Tail/Side Marker
Stop
E
E
E
E
E
A12 Headlight Assembly LH
A33 Headlight Assembly LH
A13 Headlight Assembly RH
A32 Headlight Assembly RH
R5 Rear Combination Light Assembly LH
2
2
2
2
2
W–B
(*10)
W–B
W–B
(*10)
W–B
W–B
W–B
W–B
W–B
B
W–B
W–B
W–B
5
RA2
W–B
W–B
A2
A1
A3
A4
R1


J2(B), J4(D)
Main Body ECU
G
(*8)
* 8 : w/ Remote Control Mirror (w/o Seat Position Memory)
*10 : w/ Daytime Running Light Halogen Type
G (*8)
1 PJ2
P (*8)
P (*8)
P (*8)
11 NJ1
17 MJ1
BE (*8)
SB (*8)
9
9
RL
RR
Running Light
Running Light
GND
GND
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
3
3
W–B (*8)
W–B (*8)
2 NJ1
10 MJ2
W–B (*8)
W–B (*8)
J1
J3
G
G
G
G
G
1
7 SR1
5 SR1
G
G
1
1
2
2
S8 License Plate Light LH
S7 License Plate Light RH
W–B
W–B
W–B
6 SR1
W–B
W–B
1
TL
Tail/Side Marker
Stop
E
2
R4 Rear Combination Light Assembly RH



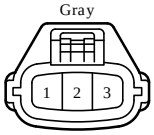
*30 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

A 12
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 32
Gray



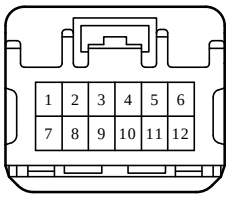
(Front Side Marker Light)

A 33
Gray

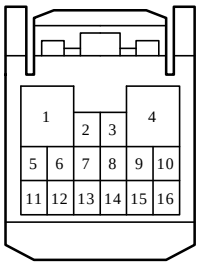


(Front Side Marker Light)

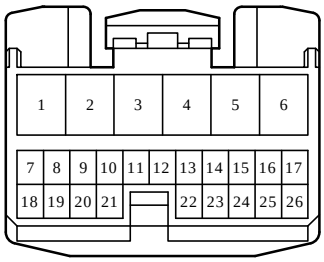
A 50
White



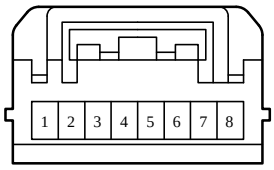
J 2
White



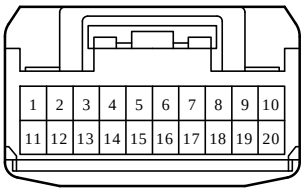
J 4
White



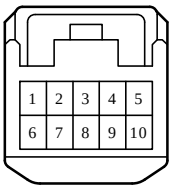
J 8
White



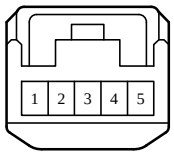
J 10
White



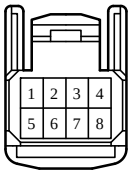
J 22
Black



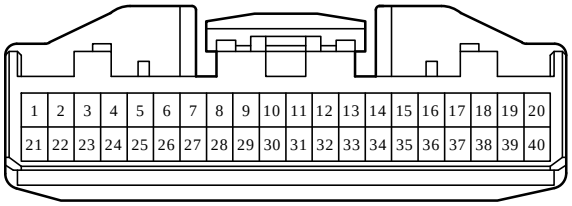
J 23
Black



J 24
White



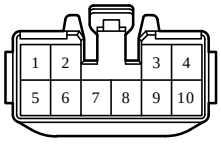
J 28
Black



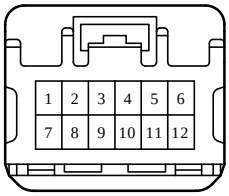
J 45
Black



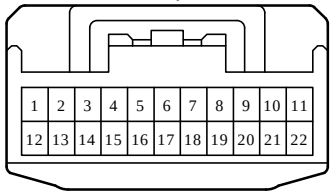
J 50
Black



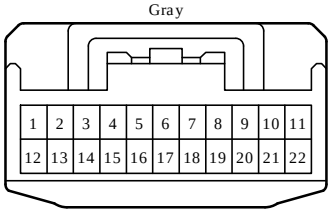
J 60
White



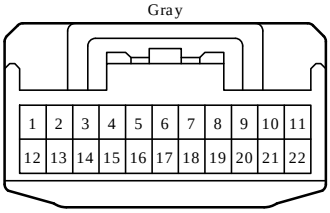
J 61
Gray



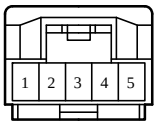
J 62
Gray



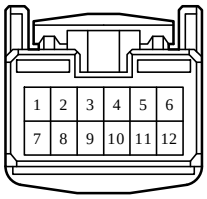
J 75
Gray



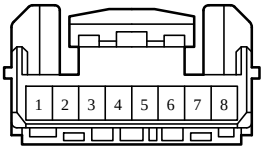
J104
Black



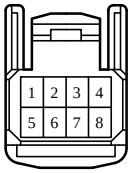
J124
Black



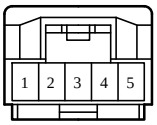
J125
Black



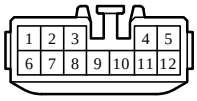
J127
Black



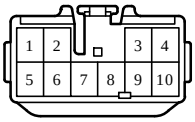
J129
Black



J132
Black



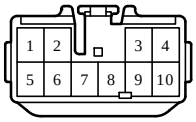
J133
White



J134
White



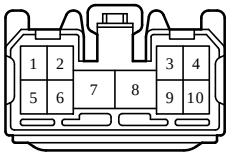
J137
White



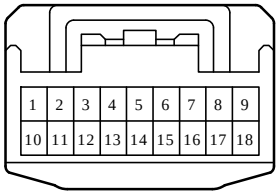
J138
White



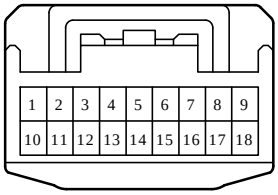
J156
White



M 6
White



N 5
White



R 4
Gray



R 5
Gray



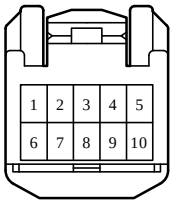
S 7
Gray



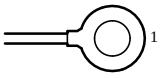
S 8
Gray



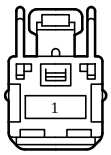
z 3
White



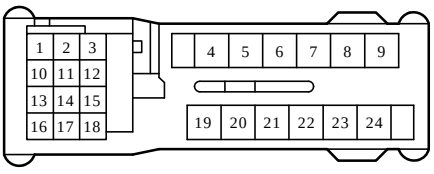
1F



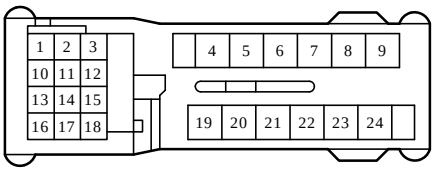
DA
White



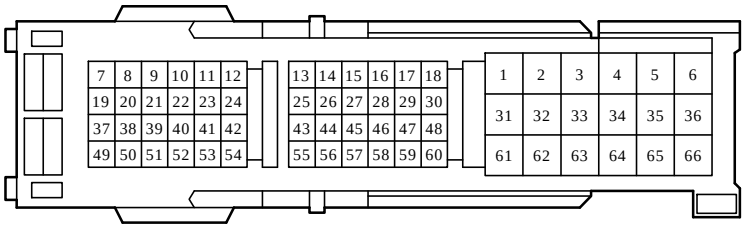
DB
White



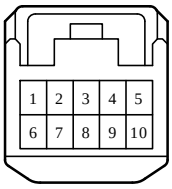
DC
White



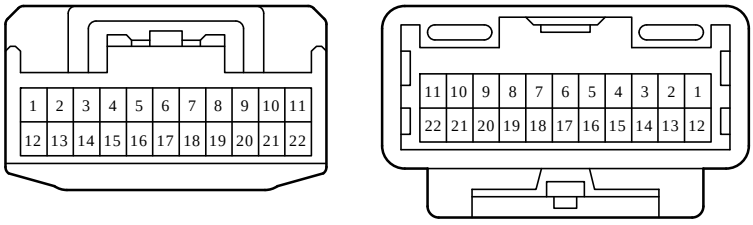
DD
White



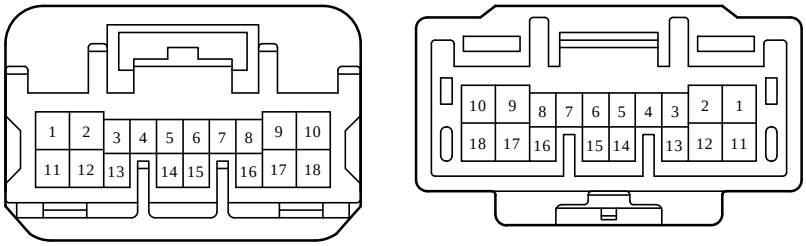
DE
White



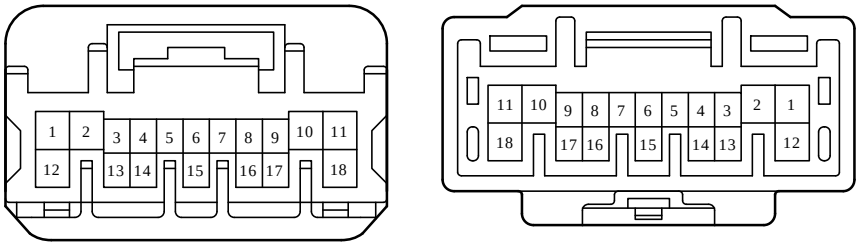
AJ10
Gray



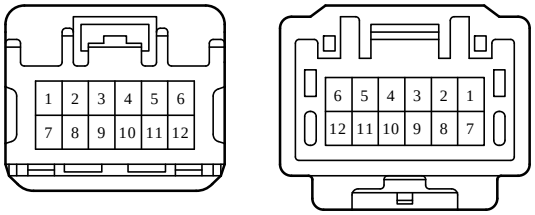
MJ1
Blue



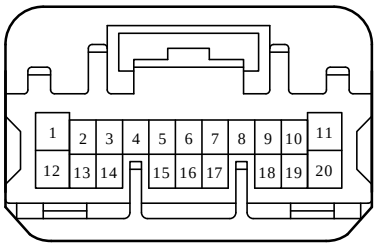
MJ2
Blue

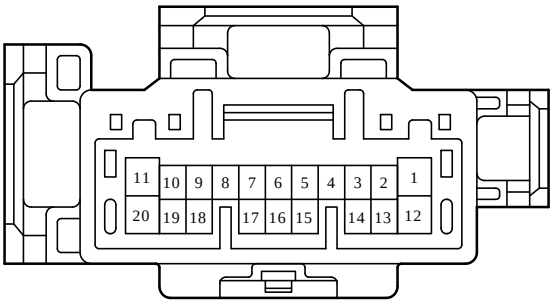


NJ1
Blue

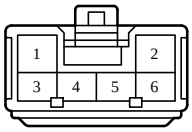


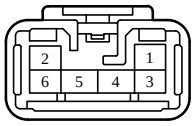
PJ2
White



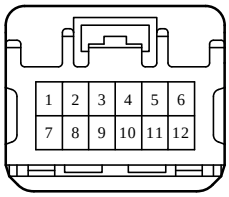


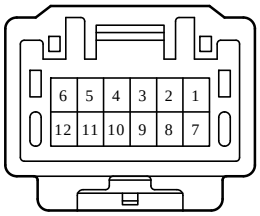
RA2
White



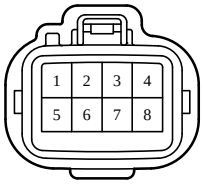


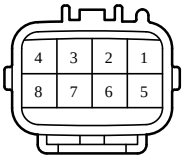
RA5
Gray

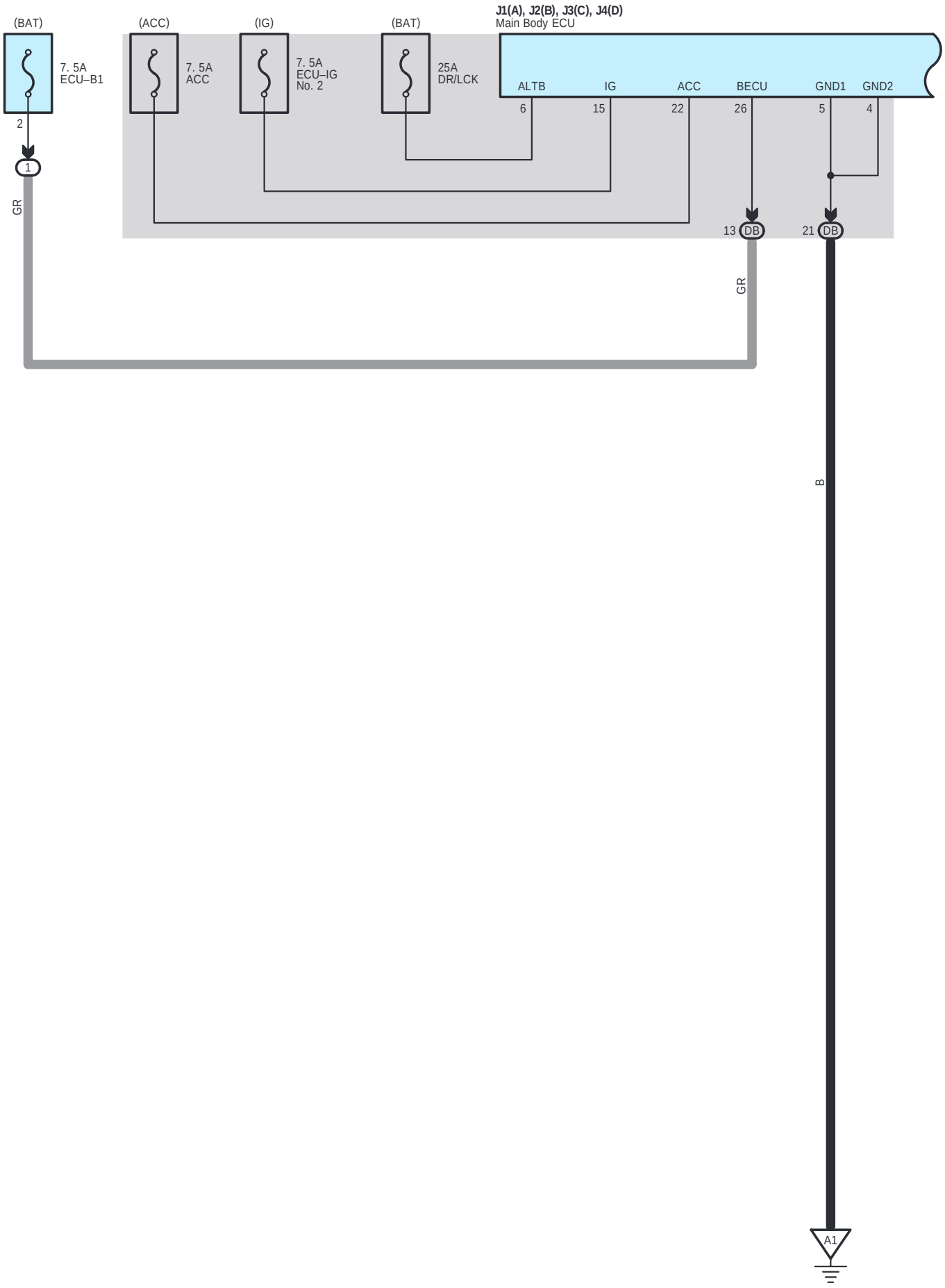


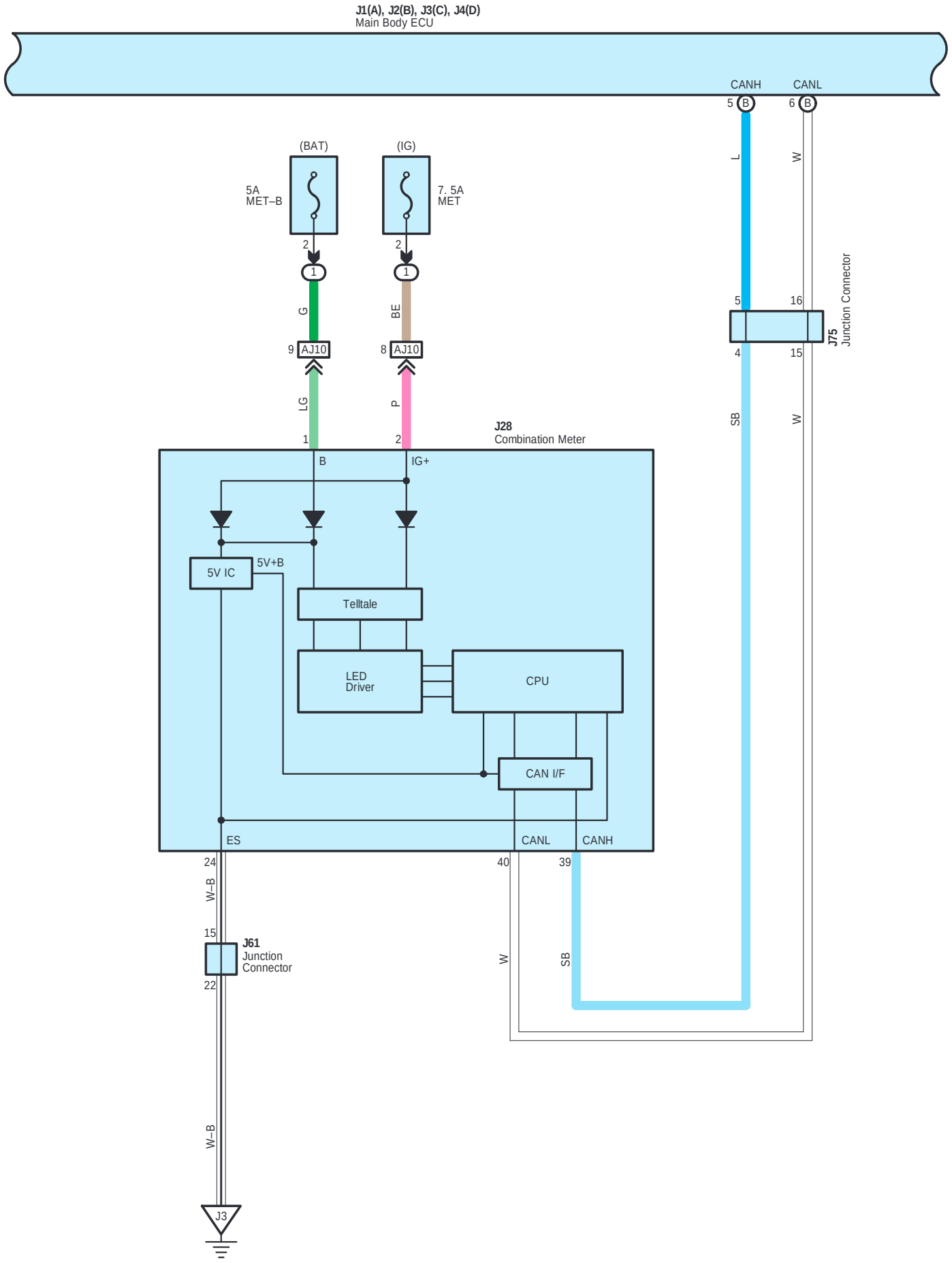


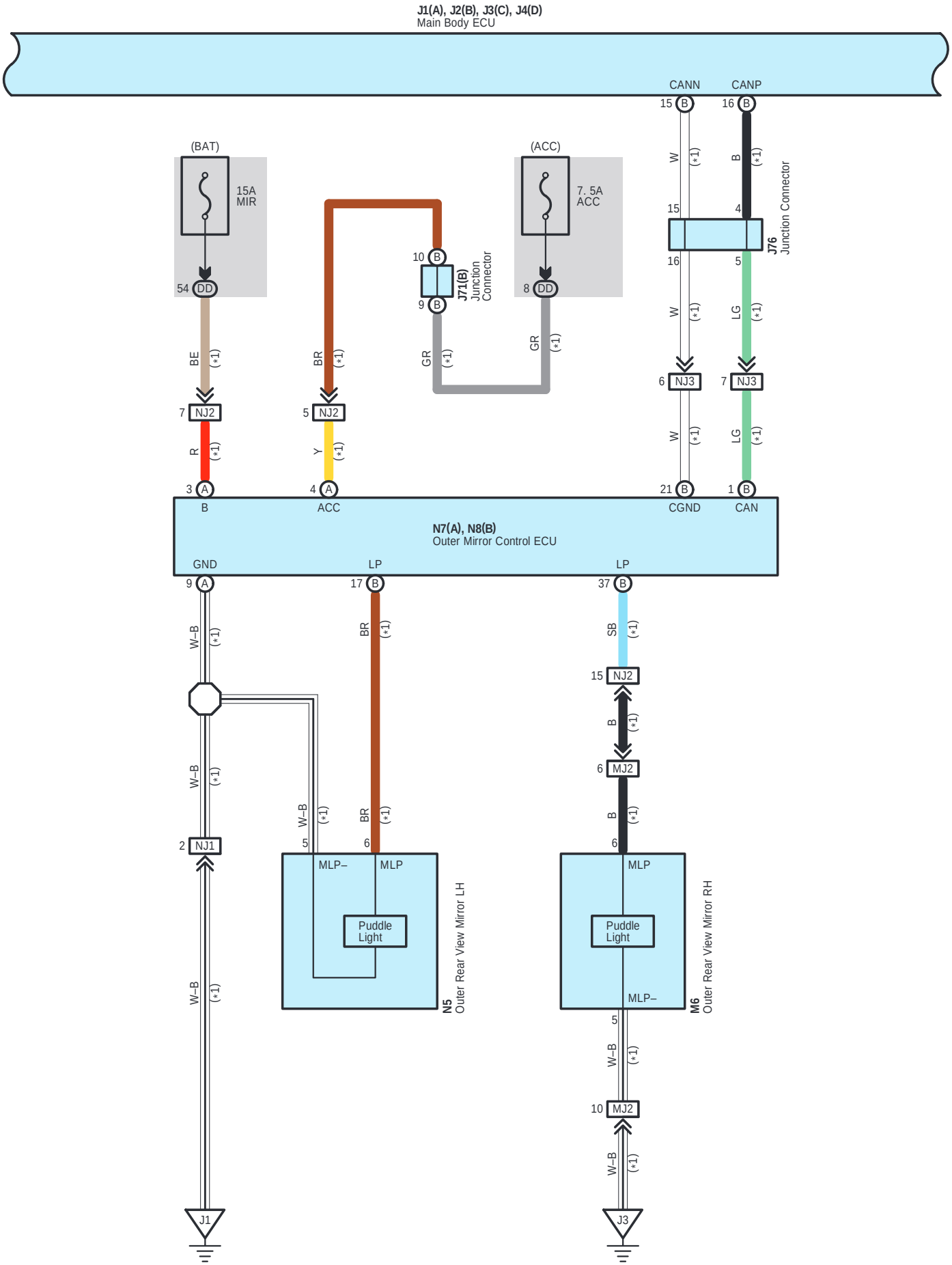
SR1
Black

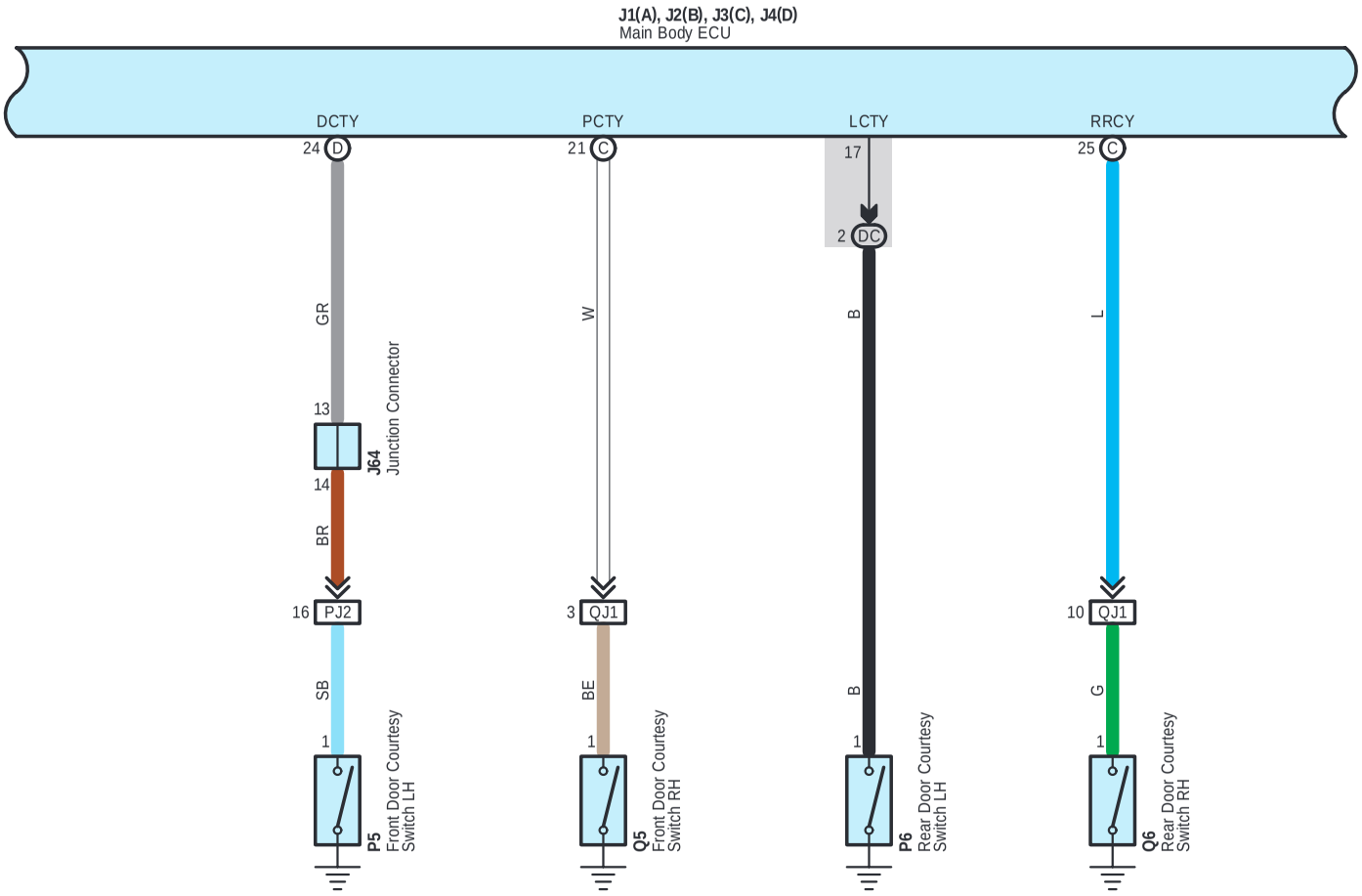




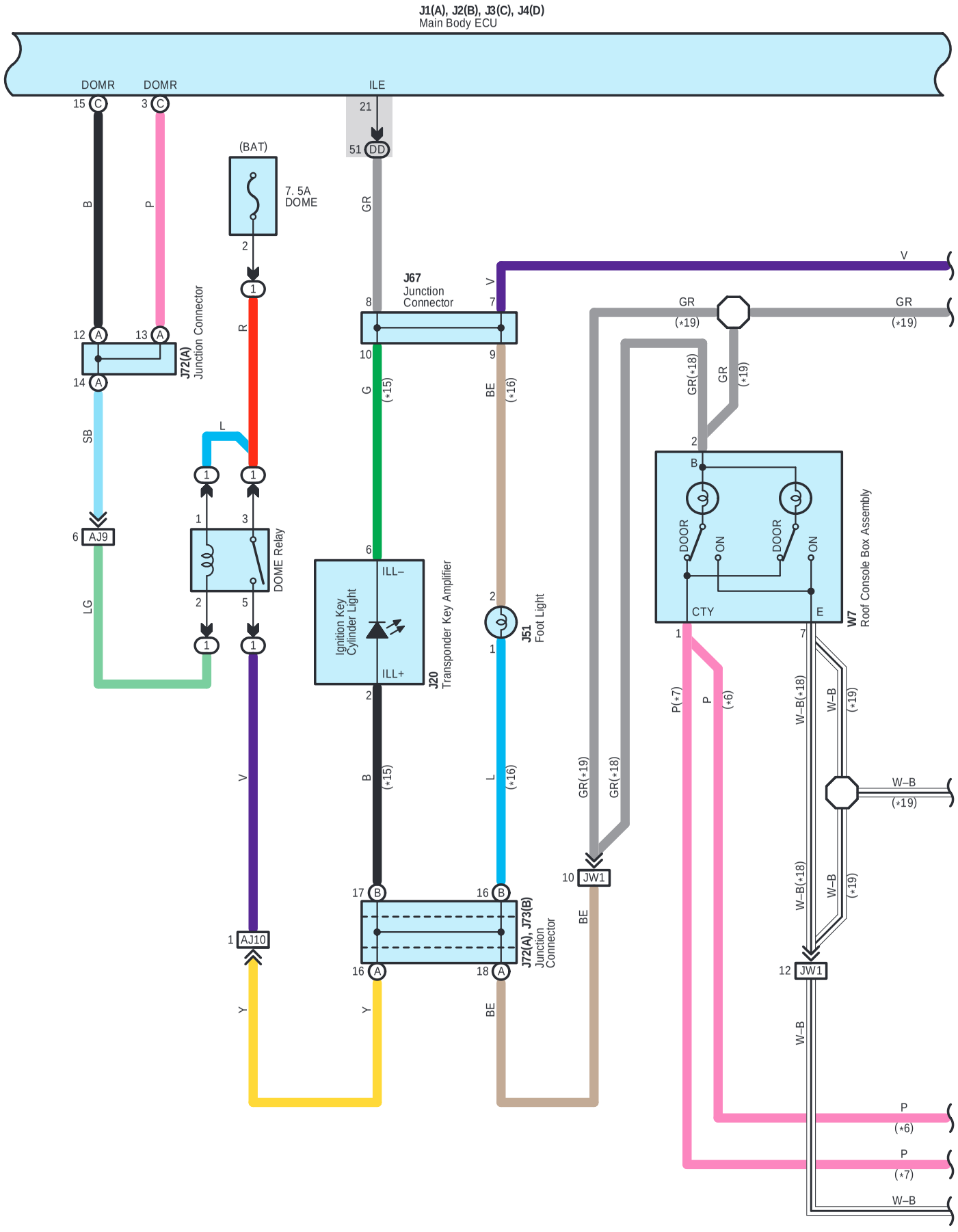

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J1(A), J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1

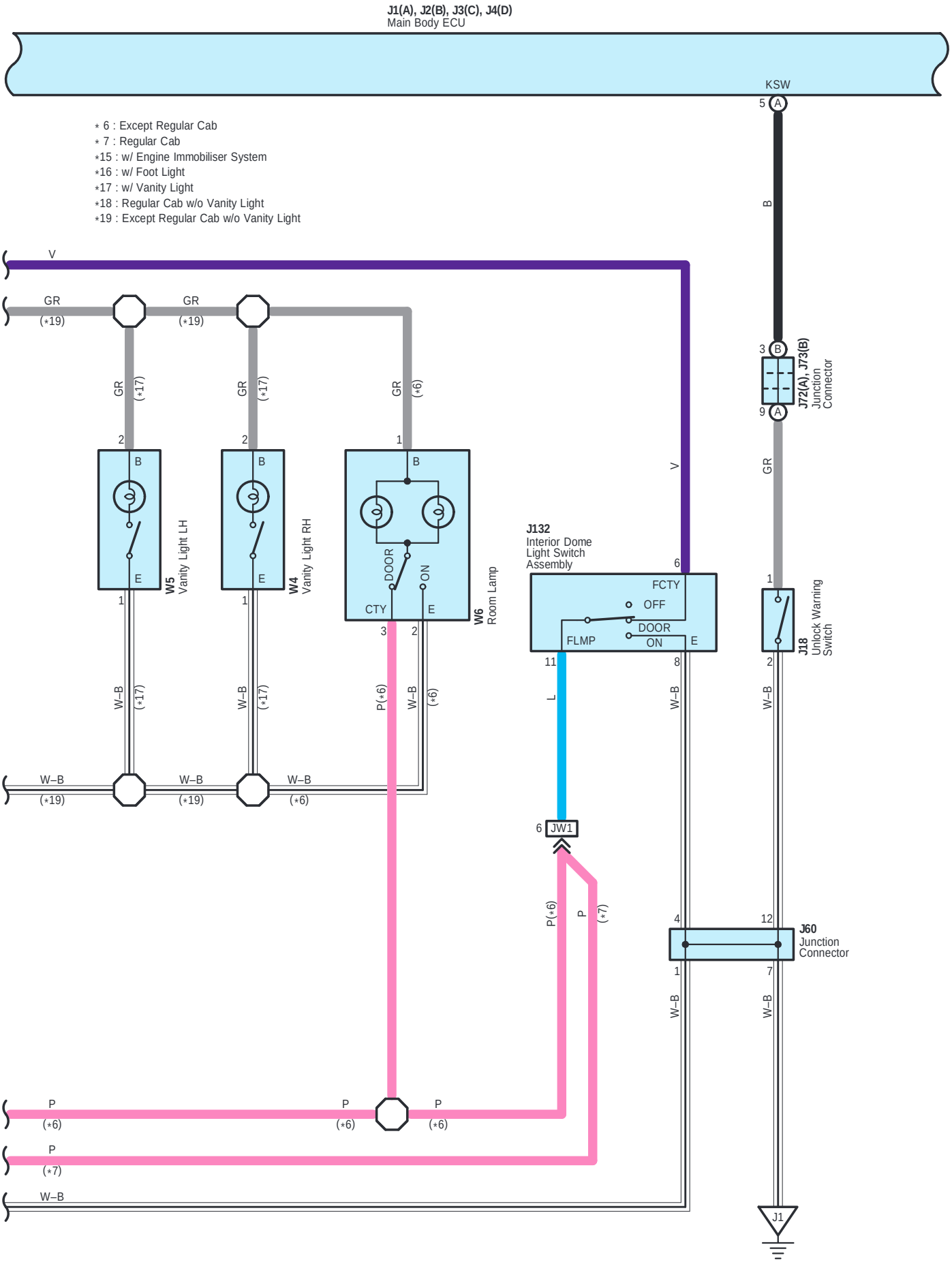

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
CANH
CANL
5
6
B
B
L
W
(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
2
1
1
G
BE
9
AJ10
8
AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
J3
5
16
J75
Junction Connector
4
15
SB
W

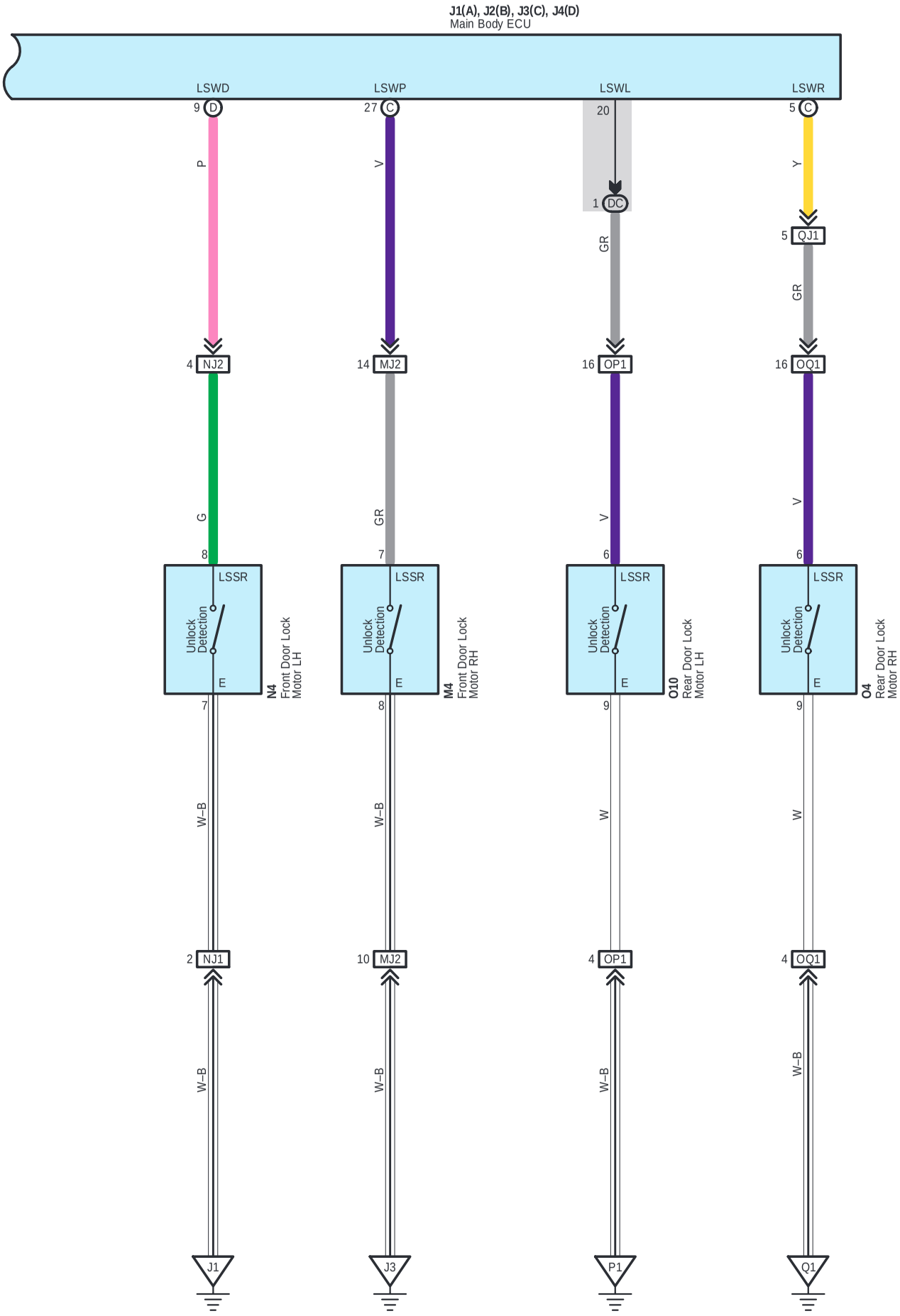

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
CANN
CANP
15 B
16 B
W
B
(*1)
15
4
J76
Junction Connector
16
5
W
LG
6 NJ3
7 NJ3
W
LG
21 B
1 B
CGND
CAN
(BAT)
15A
MIR
54 DD
BE
7 NJ2
R
3 A
B
(ACC)
7. 5A
ACC
8 DD
10 B
9 B
J71(B)
Junction
Connector
BR
5 NJ2
Y
4 A
ACC
GR
GR
N7(A), N8(B)
Outer Mirror Control ECU
GND
LP
LP
9 A
17 B
37 B
W–B
BR
SB
15 NJ2
B
6 MJ2
B
6
W–B
2 NJ1
W–B
BR
5
6
MLP–
MLP
Puddle
Light
N5
Outer Rear View Mirror LH
MLP
Puddle
Light
MLP–
M6
Outer Rear View Mirror RH
5
W–B
10 MJ2
W–B
J1
J3



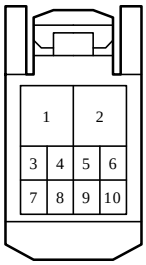
* 1 : w/ Seat Position Memory


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
DOMR
DOMR
ILE
15 C
3 C
21
51 DD
(BAT)
7. 5A
DOME
2
1
B
P
GR
R
J67
Junction
Connector
V
8
7
10
9
G
(*15)
BE
(*16)
12 A
13 A
14 A
J72(A)
Junction Connector
SB
L
1
1
1
3
2
5
1
1
6 AJ9
DOME Relay
LG
6
ILL−
ILL+
Ignition Key
Cylinder Light
J20
Transponder Key Amplifier
2
J51
Foot Light
1
V
B
(*15)
L
(*16)
17 B
16 B
1 AJ10
16 A
18 A
J72(A), J73(B)
Junction
Connector
Y
Y
BE
GR(*19)
GR(*18)
10 JW1
BE
V
GR
(*19)
GR
(*19)
GR(*18)
GR
(*19)
2
B
DOOR
ON
DOOR
ON
CTY
E
W7
Roof Console Box Assembly
1
7
P(*7)
P
(*6)
W–B(*18)
W–B
(*19)
W–B
(*19)
W–B(*18)
W–B
(*19)
12 JW1
W–B
P
(*6)
P
(*7)
W–B

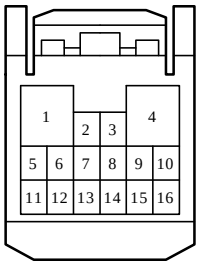

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
KSW
5 A
B
3 B
9 A
J72(A), J73(B)
Junction Connector
GR
1
J18
Unlock Warning Switch
2
W–B
12
J60
Junction Connector
4
1
7
W–B
W–B
J1
* 6 : Except Regular Cab
* 7 : Regular Cab
*15 : w/ Engine Immobiliser System
*16 : w/ Foot Light
*17 : w/ Vanity Light
*18 : Regular Cab w/o Vanity Light
*19 : Except Regular Cab w/o Vanity Light
V
GR
(*19)
GR
(*19)
GR
(*17)
GR
(*17)
GR
(*6)
2
B
E
W5
Vanity Light LH
1
W–B
(*17)
2
B
E
W4
Vanity Light RH
1
W–B
(*17)
1
B
DOOR
ON
CTY
E
W6
Room Lamp
3
2
P(*6)
W–B
(*6)
W–B
(*19)
W–B
(*19)
W–B
(*6)
J132
Interior Dome
Light Switch
Assembly
6
FCTY
OFF
DOOR
ON
FLMP
E
11
L
8
W–B
6
JW1
P(*6)
P
(*7)
P
(*6)
P
(*6)
P
(*6)
P
(*7)
W–B


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
LSWD
LSWP
LSWL
LSWR
9 D
27 C
20
5 C
P
V
1 DC
Y
5 QJ1
GR
GR
4 NJ2
14 MJ2
16 OP1
16 OQ1
G
GR
V
V
8
7
6
6
LSSR
Unlock Detection
E
N4 Front Door Lock Motor LH
M4 Front Door Lock Motor RH
O10 Rear Door Lock Motor LH
O4 Rear Door Lock Motor RH
7
8
9
9
W-B
W-B
W
W
2 NJ1
10 MJ2
4 OP1
4 OQ1
W-B
W-B
W-B
W-B
J1
J3
P1
Q1

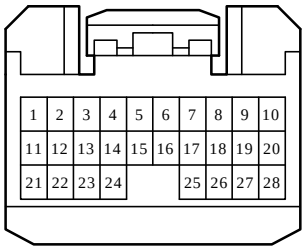
J 1
White



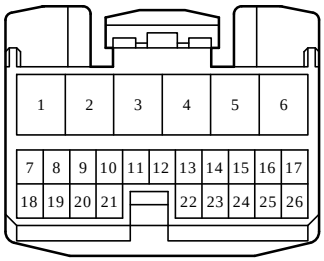
J 2
White



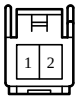
J 3
White



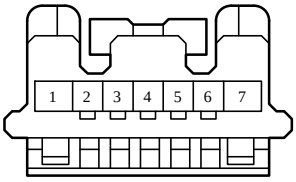
J 4
White



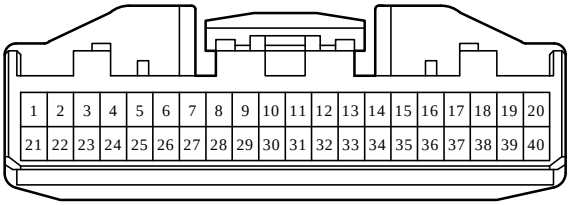
J 18
White



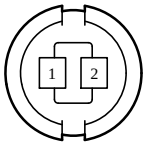
J 20
Black



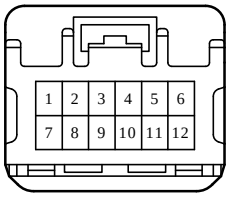
J 28
Black



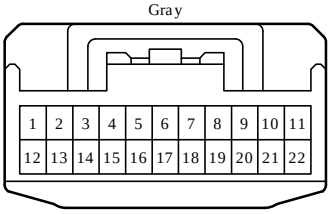
J 51
Black



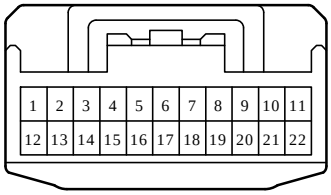
J 60
White



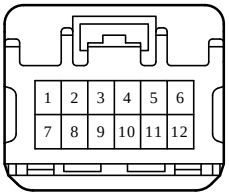
J 61
Gray



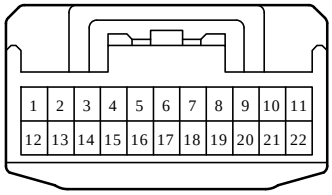
J 64
White



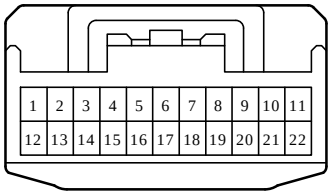
J 67
Blue



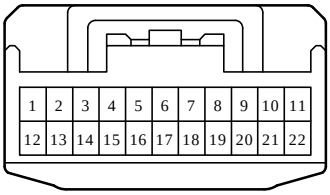
J 71
White



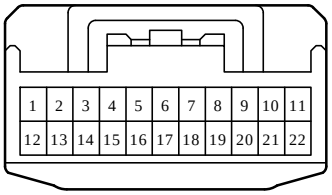
J 72
Black



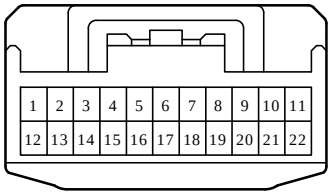
J 73
Black



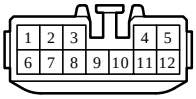
J 75
Gray



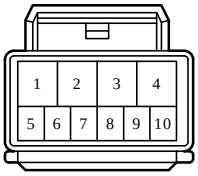
J 76
Gray



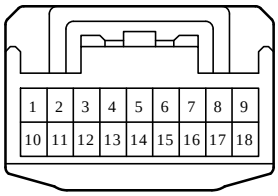
J132
Black



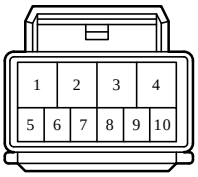
M 4
White



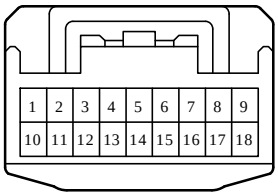
M 6
White



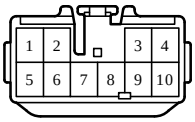
N 4
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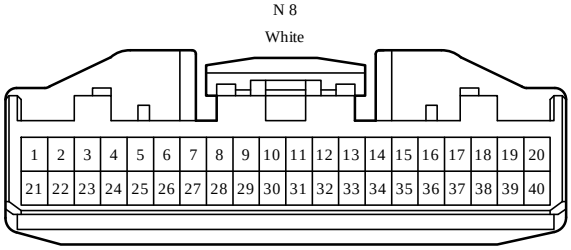
N 5
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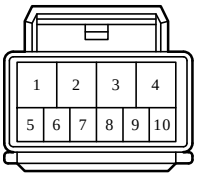
N 7
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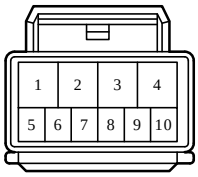
N 8
White



O 4
White



O 10
White



P 5
White



P 6
White



Q 5
White



Q 6
White



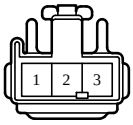
W 4
White



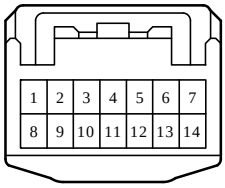
W 5
White



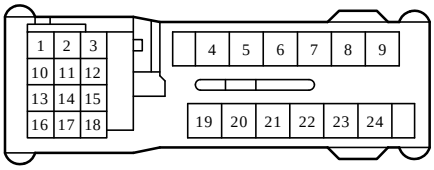
W 6
White



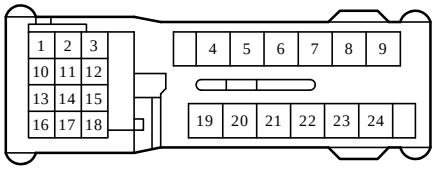
W 7
White



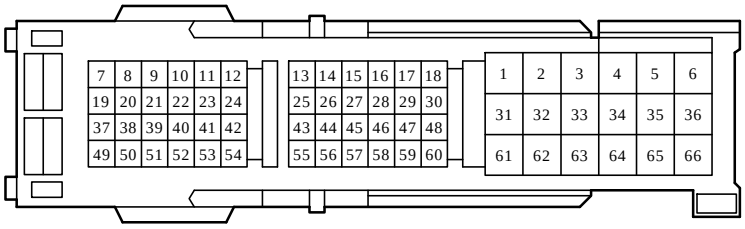
DB
White



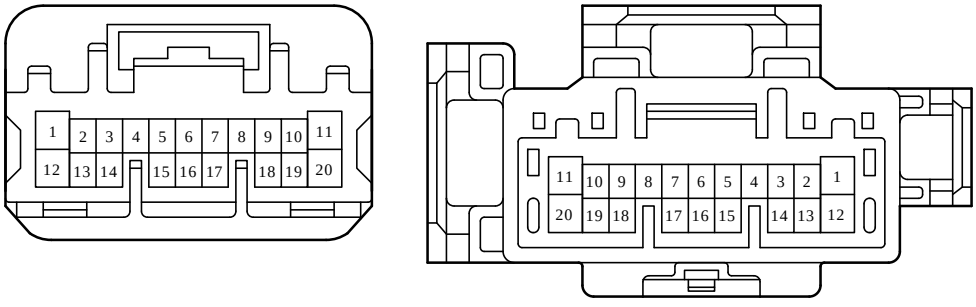
DC
White



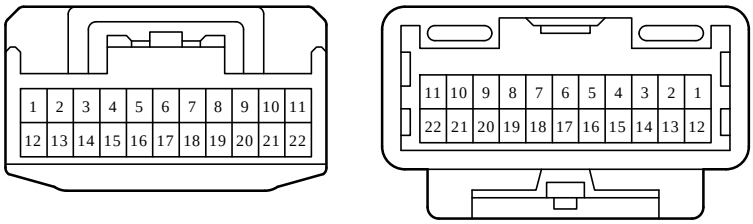
DD
White



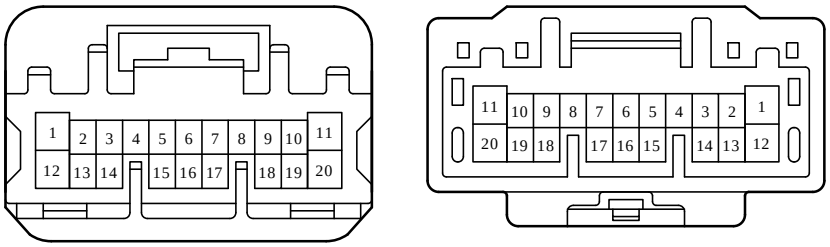
AJ9
White



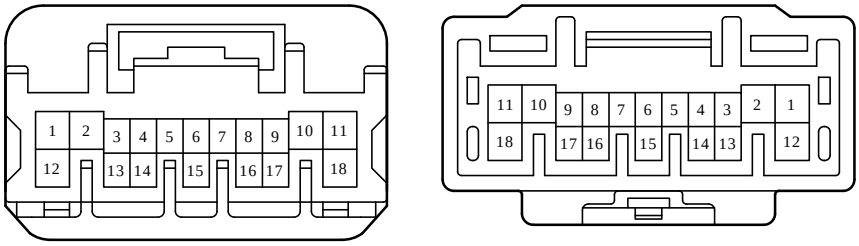
AJ10
Gray



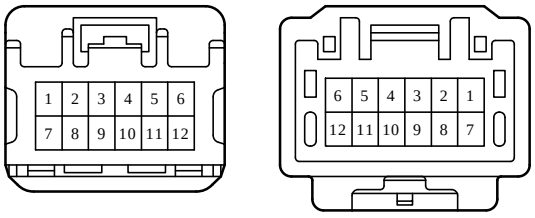
JW1
White



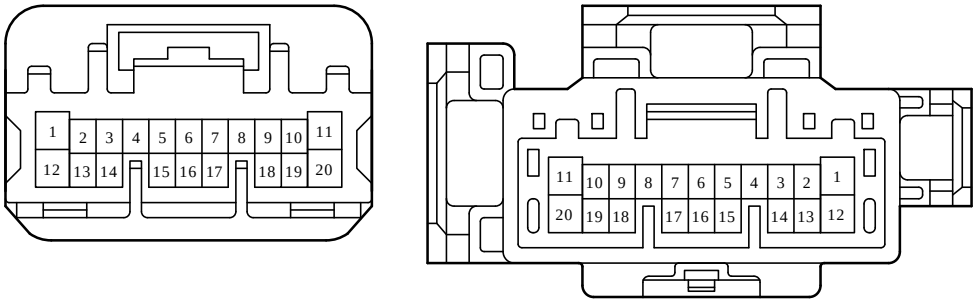
MJ2
Blue



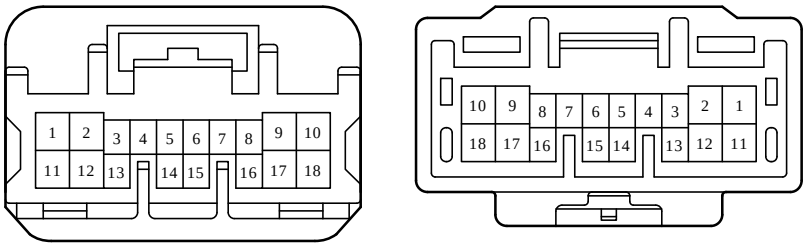
NJ1
Blue



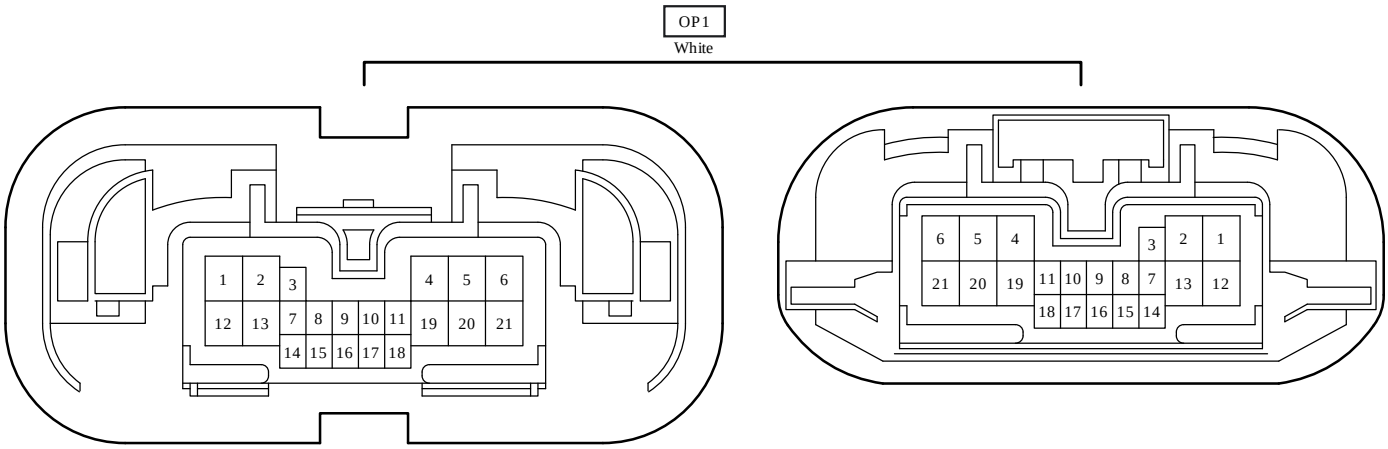
NJ2
White



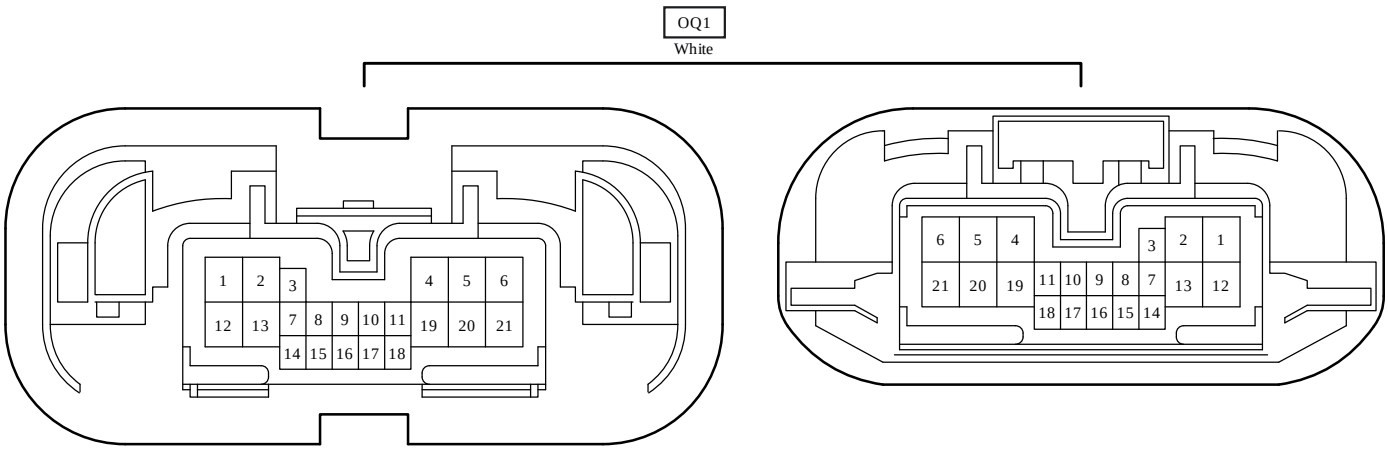
NJ3
Blue



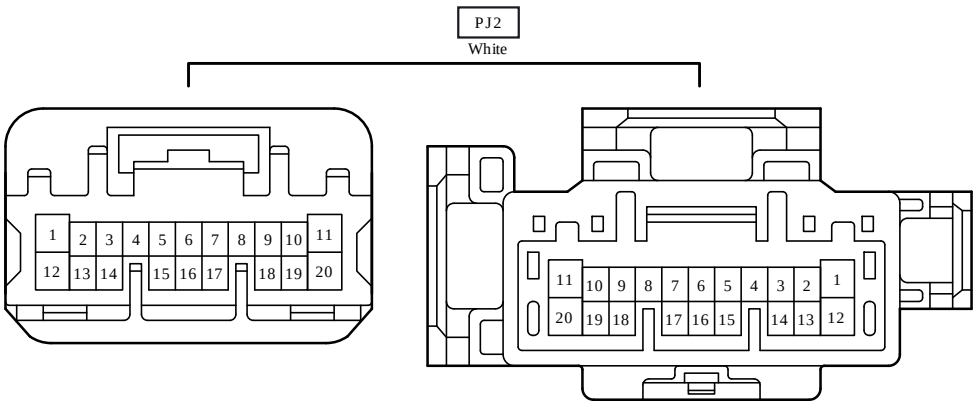
OP1
White

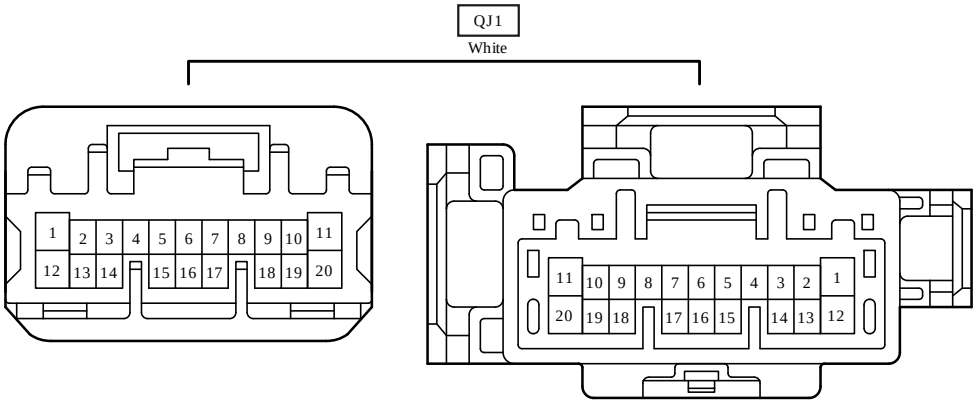


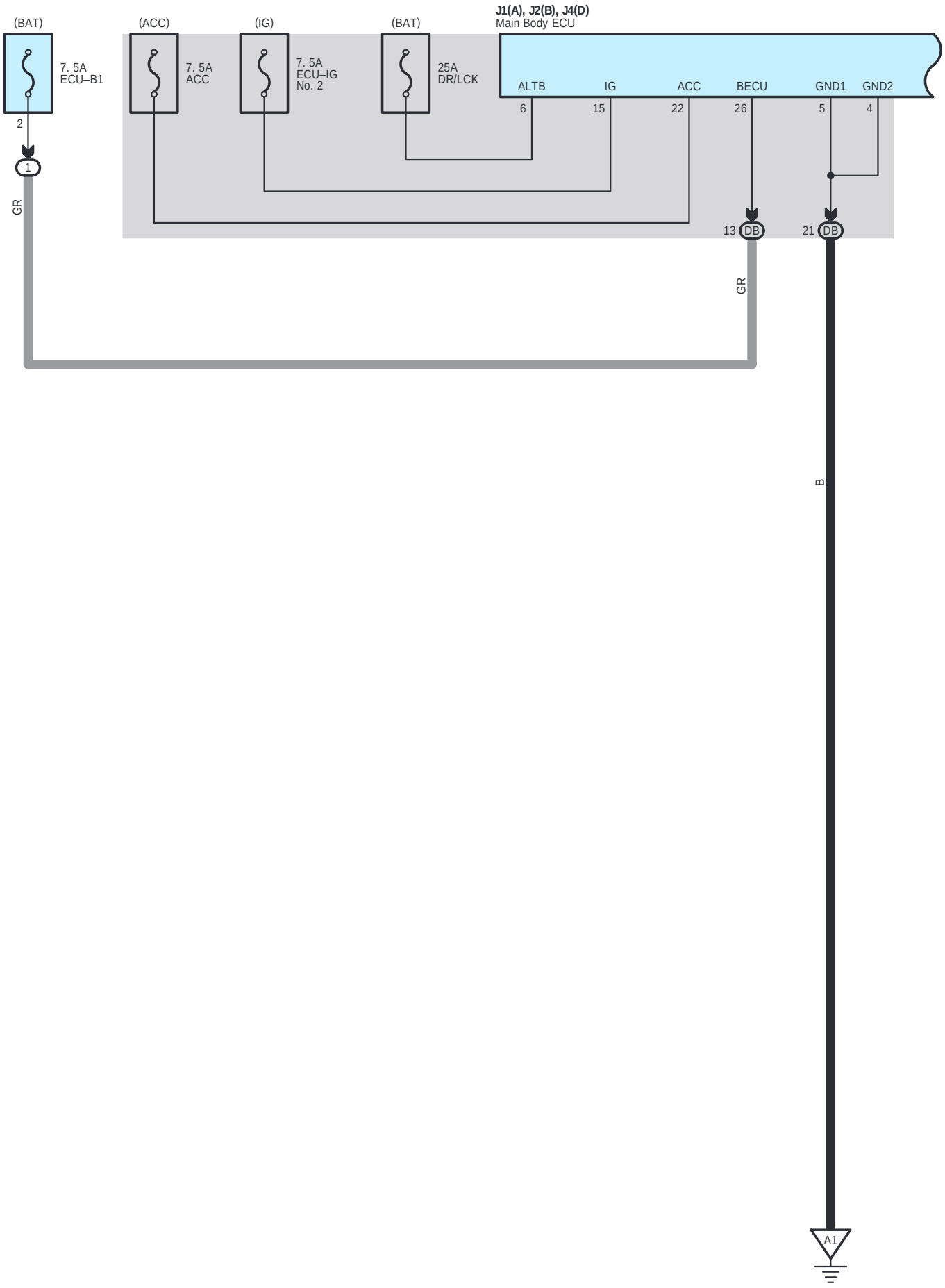
OQ1
White

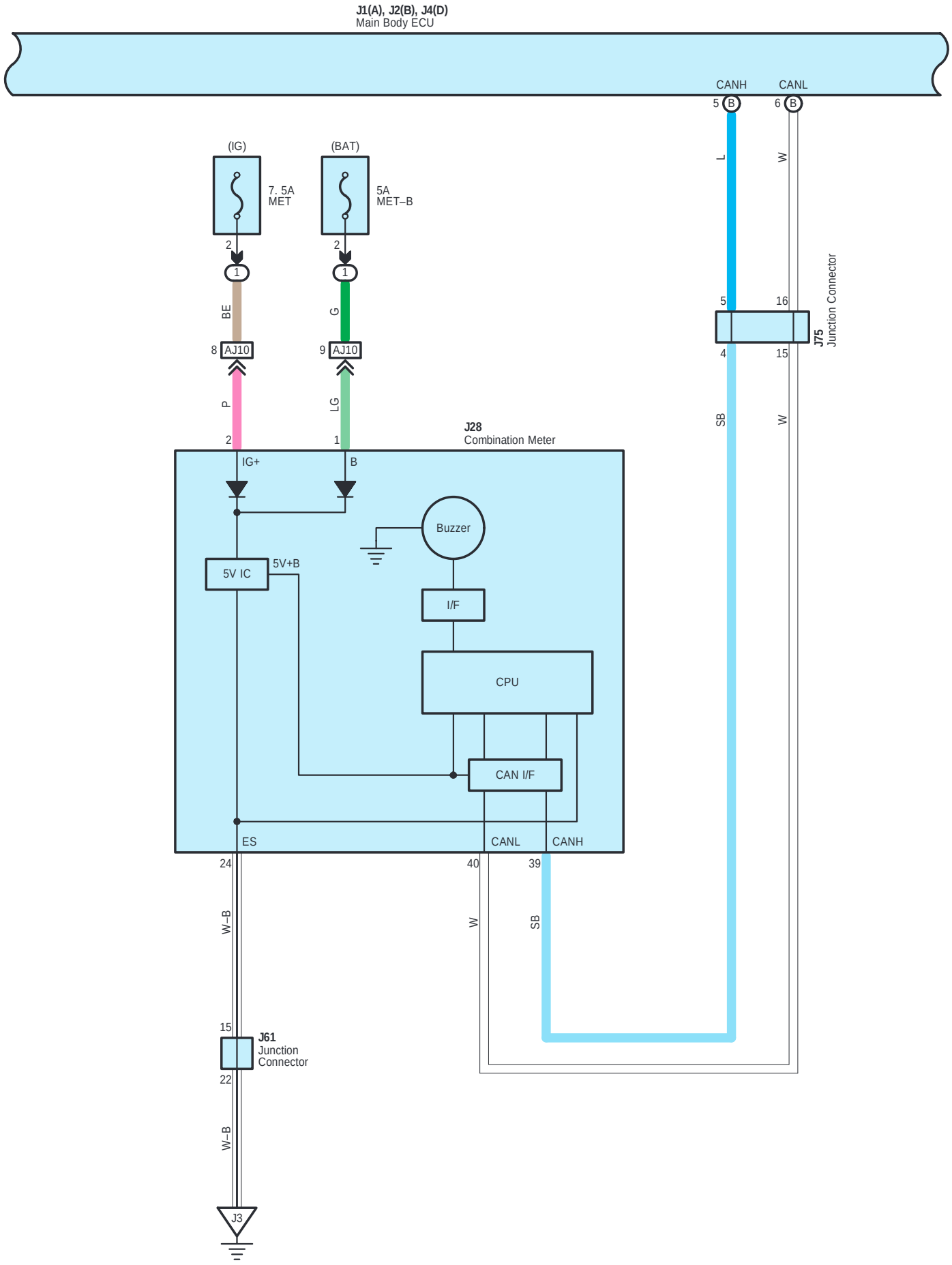


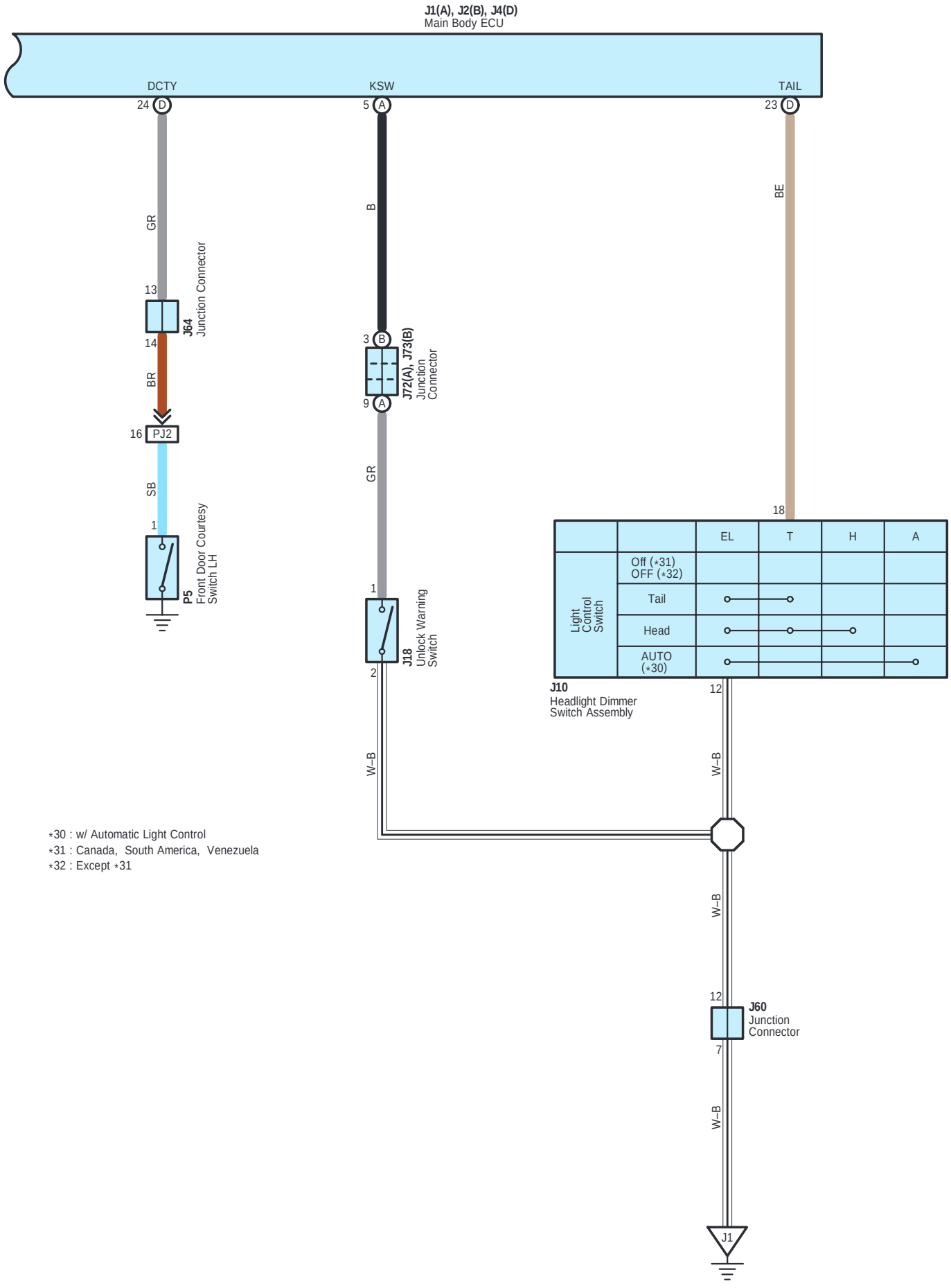
PJ2
White




QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

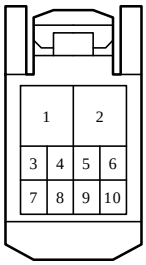

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J1(A), J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1


J1(A), J2(B), J4(D)
Main Body ECU
CANH
CANL
5
B
6
B
L
W
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8
AJ10
9
AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
Buzzer
5V IC
5V+B
I/F
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
J3
5
16
J75
Junction Connector
4
15
SB
W

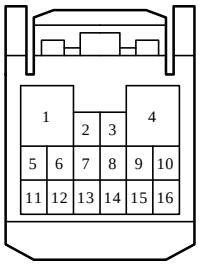


*30 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

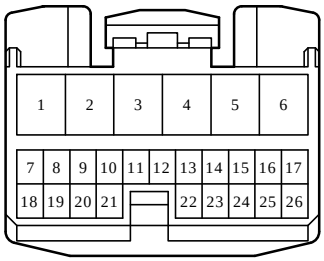
J 1
White



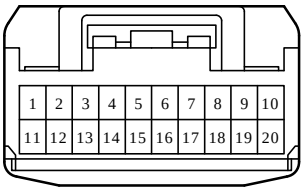
J 2
White



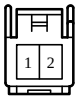
J 4
White



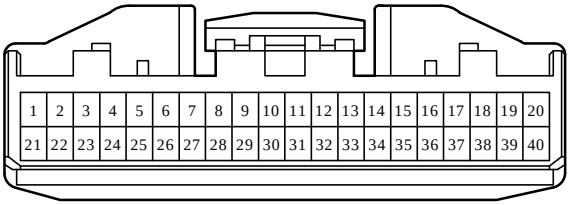
J 10
White



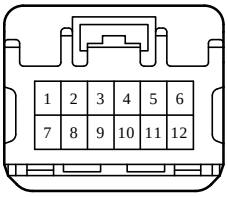
J 18
White



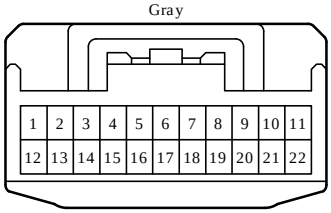
J 28
Black



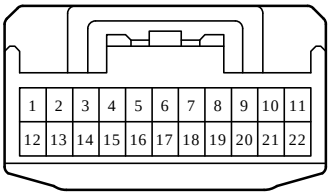
J 60
White



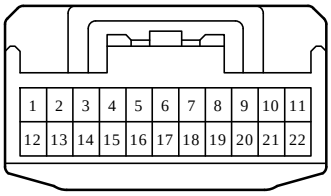
J 61
Gray



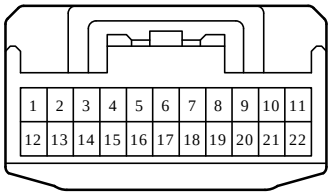
J 64
White



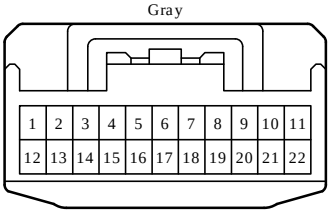
J 72
Black



J 73
Black



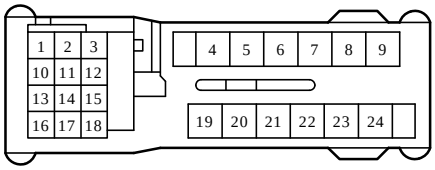
J 75
Gray



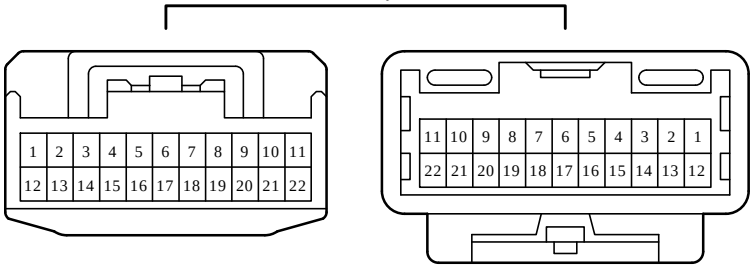
P 5
White

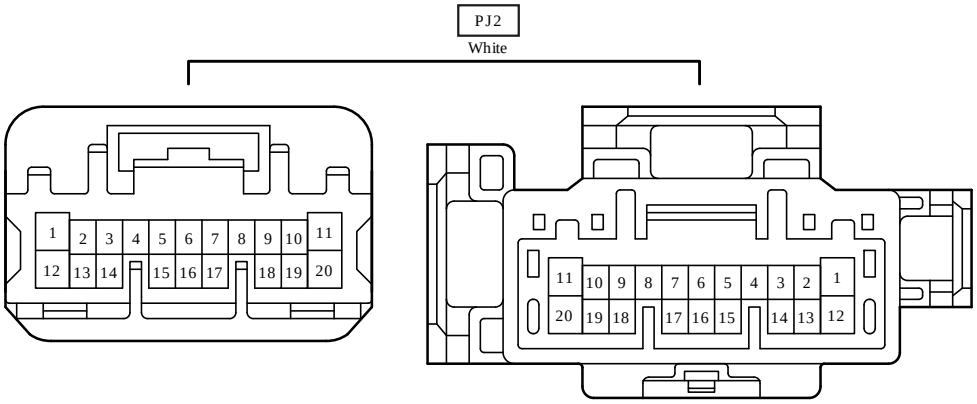


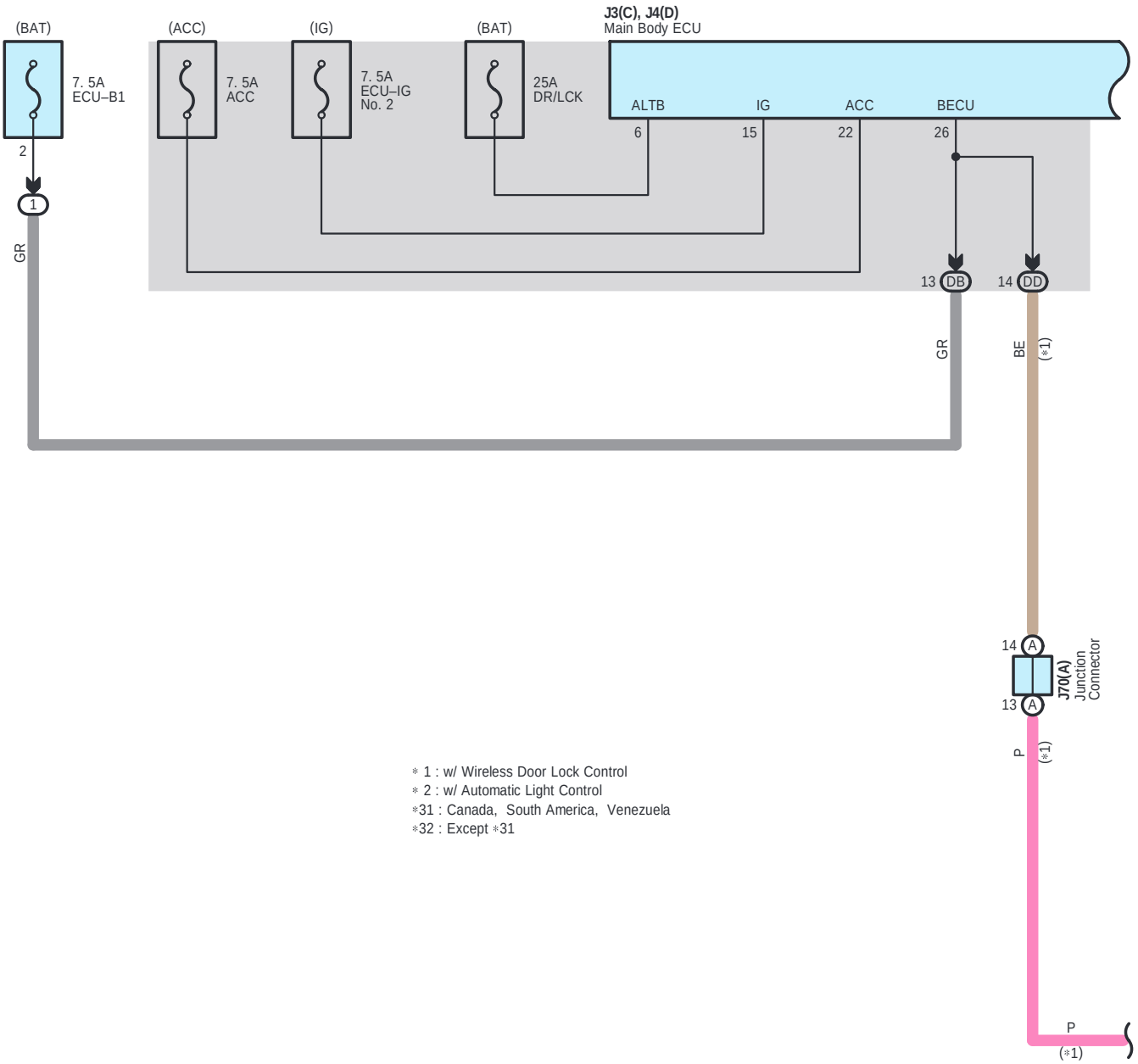
DB
White



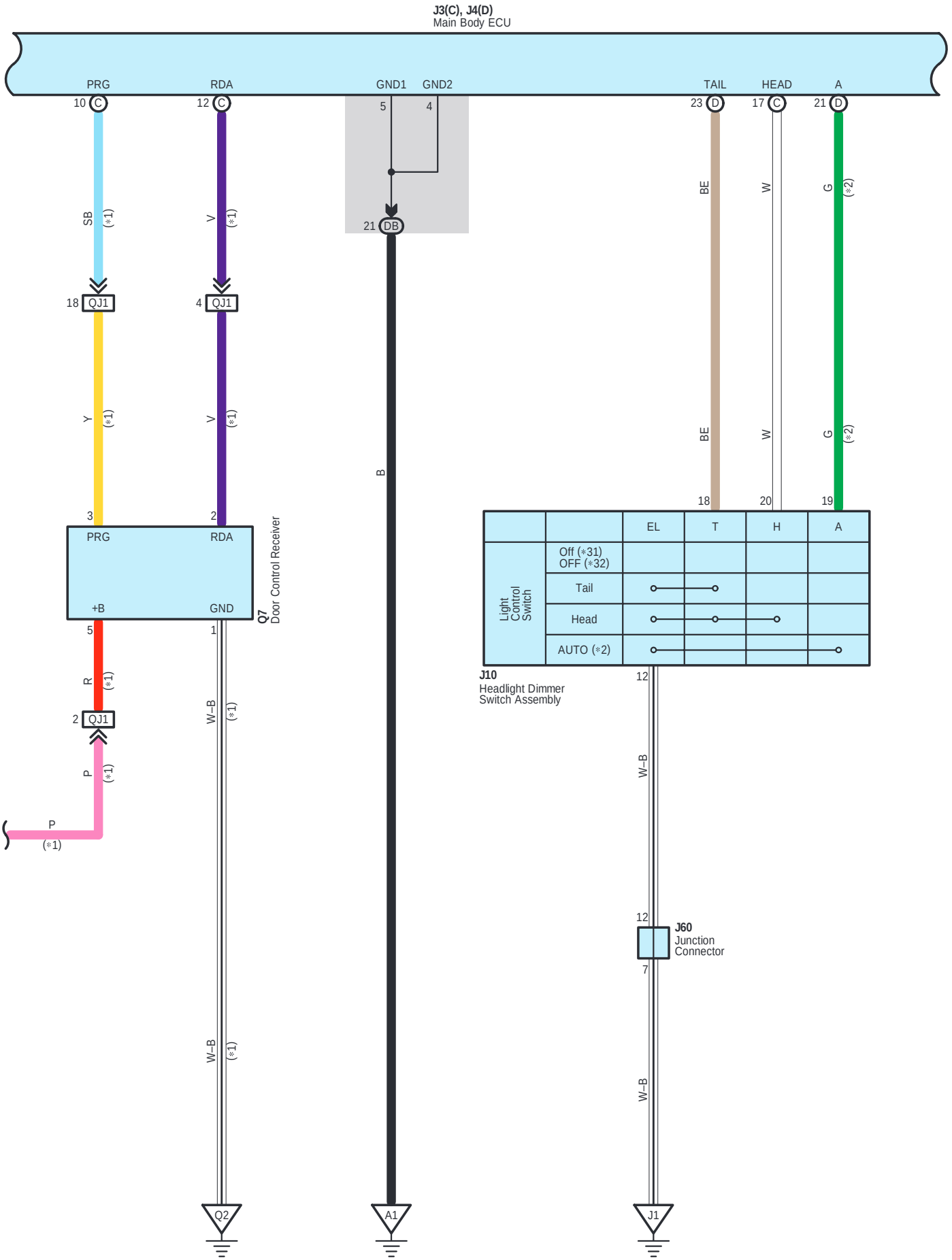
AJ10
Gray

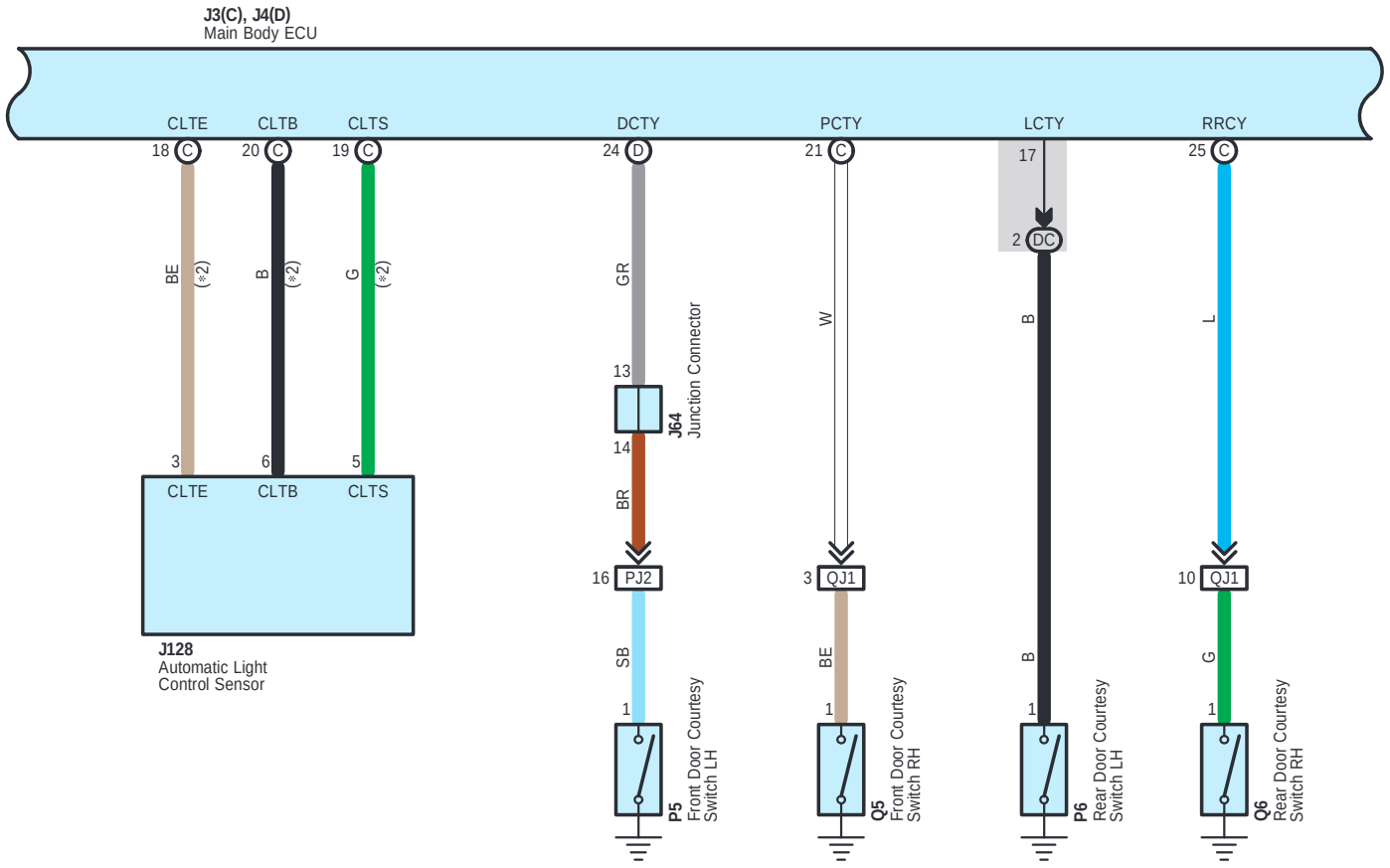



PJ2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

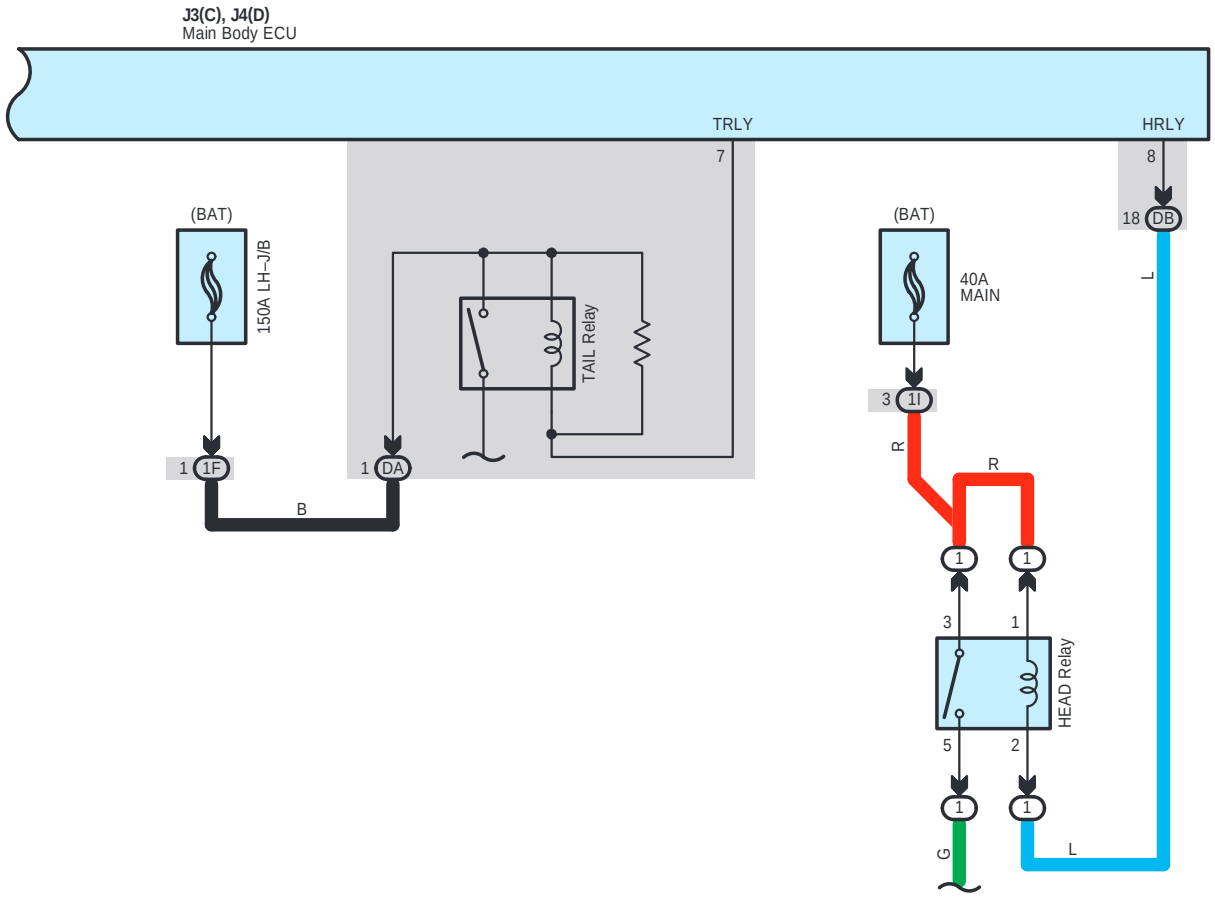


* 1 : w/ Wireless Door Lock Control
* 2 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

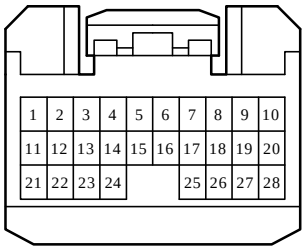

J3(C), J4(D)
Main Body ECU
PRG
RDA
GND1
GND2
TAIL
HEAD
A
10 C
12 C
5
4
23 D
17 C
21 D
SB (*1)
V (*1)
21 DB
BE
W
G (*2)
18 QJ1
4 QJ1
Y (*1)
V (*1)
B
BE
W
G (*2)
18
20
19
3
2
PRG
RDA
+B
GND
Q7
Door Control Receiver
EL
T
H
A
Off (*31)
OFF (*32)
Tail
Head
AUTO (*2)
Light Control Switch
5
1
R (*1)
W–B (*1)
2 QJ1
P (*1)
J10
Headlight Dimmer Switch Assembly
12
W–B
P
(*1)
12
J60
Junction Connector
7
W–B
W–B (*1)
Q2
A1
J1



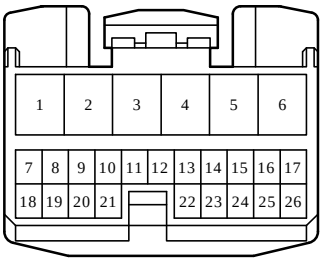
* 2 : w/ Automatic Light Control


J3(C), J4(D)
Main Body ECU
TRLY
7
HRLY
8
(BAT)
150A LH–J/B
1 1F
B
1 DA
TAIL Relay
(BAT)
40A
MAIN
3 1I
R
R
1
1
3
1
HEAD Relay
5
2
1
1
G
L
18 DB
L

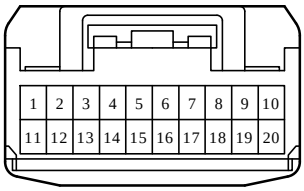
J 3
White



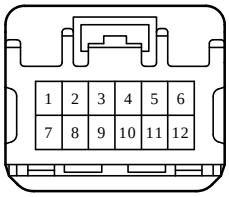
J 4
White



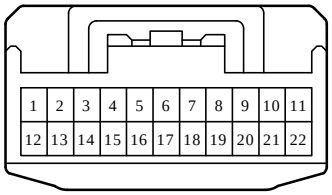
J 10
White



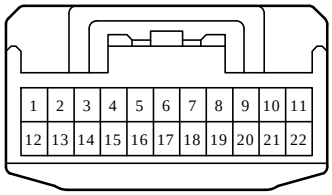
J 60
White



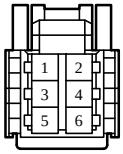
J 64
White



J 70
Blue



J128
Black



P 5
White



P 6
White



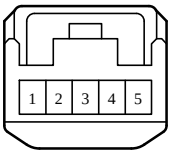
Q 5
White



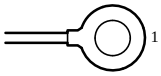
Q 6
White



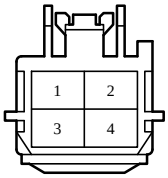
Q 7
White



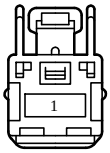
1F



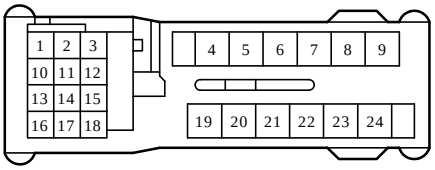
1I
White



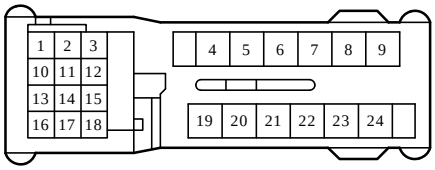
DA
White



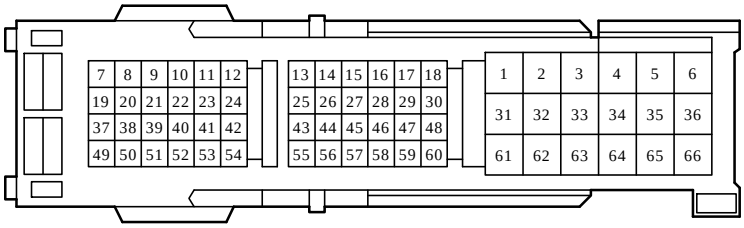
DB
White



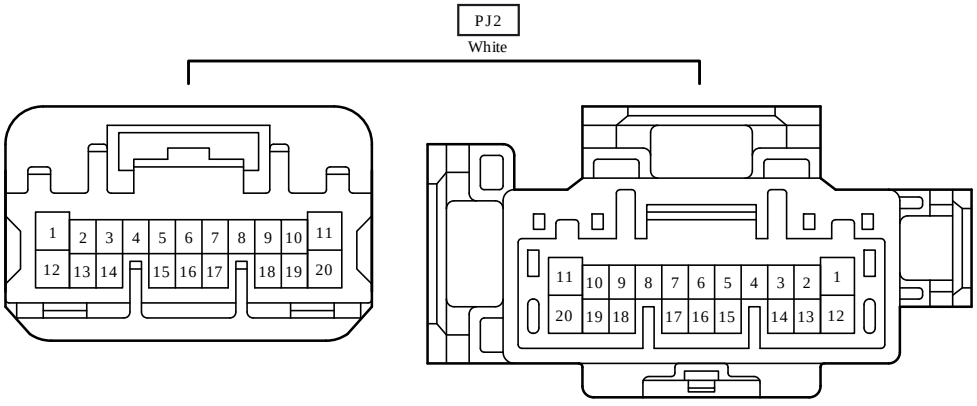
DC
White

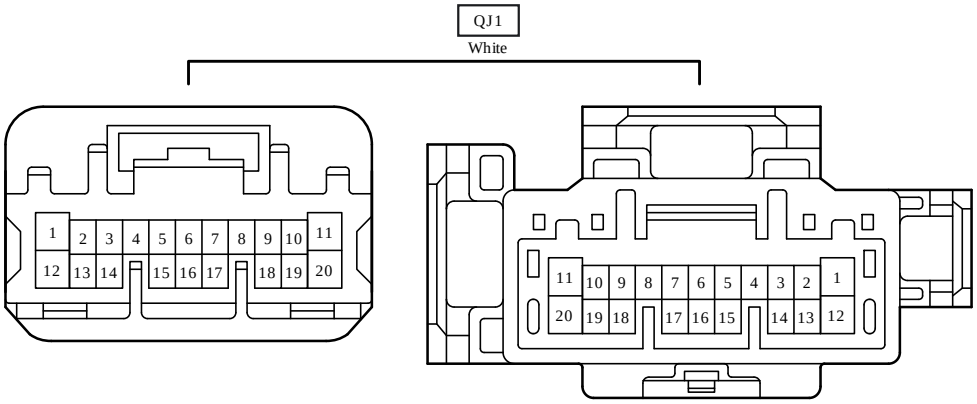


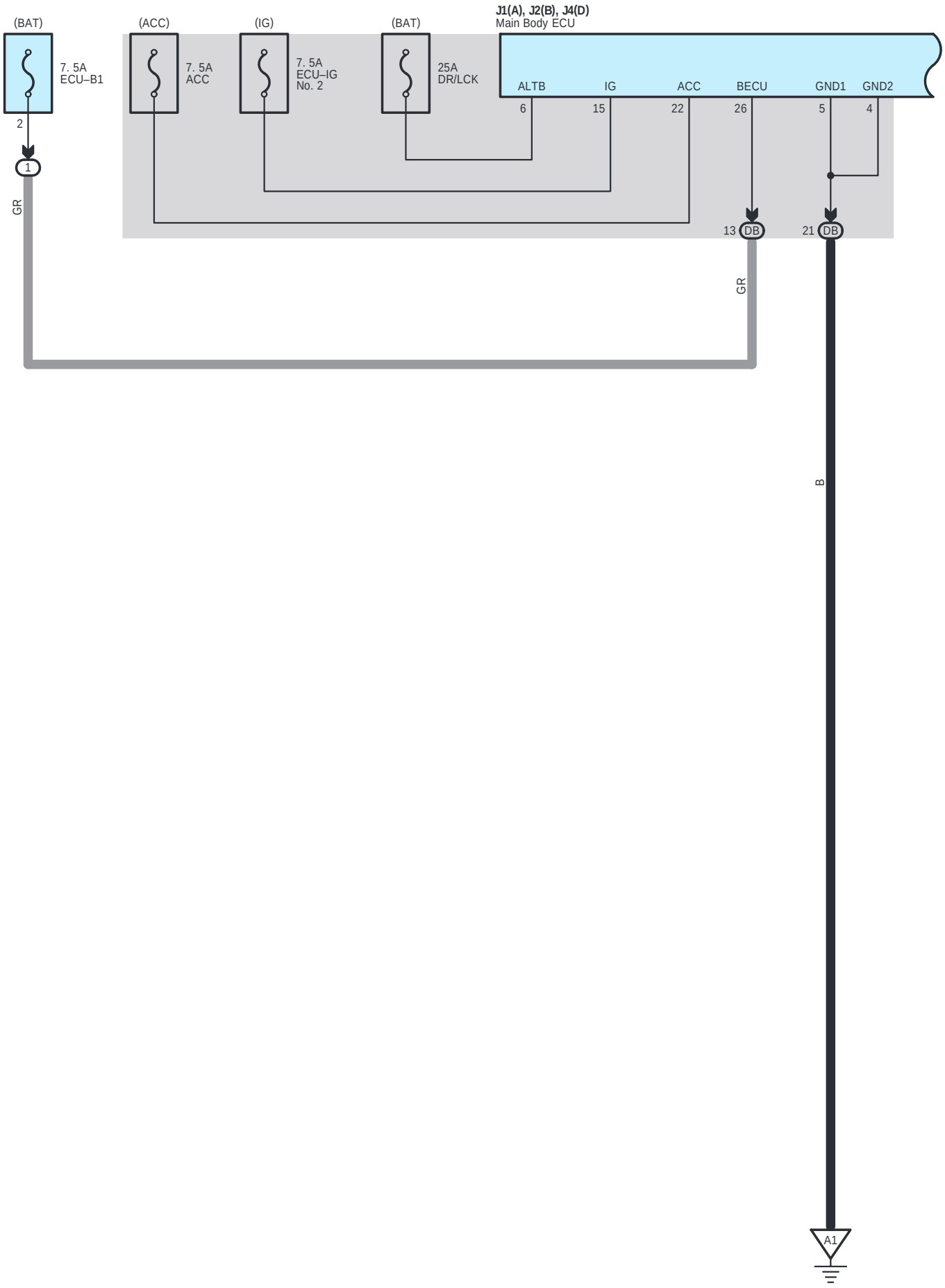
DD
White

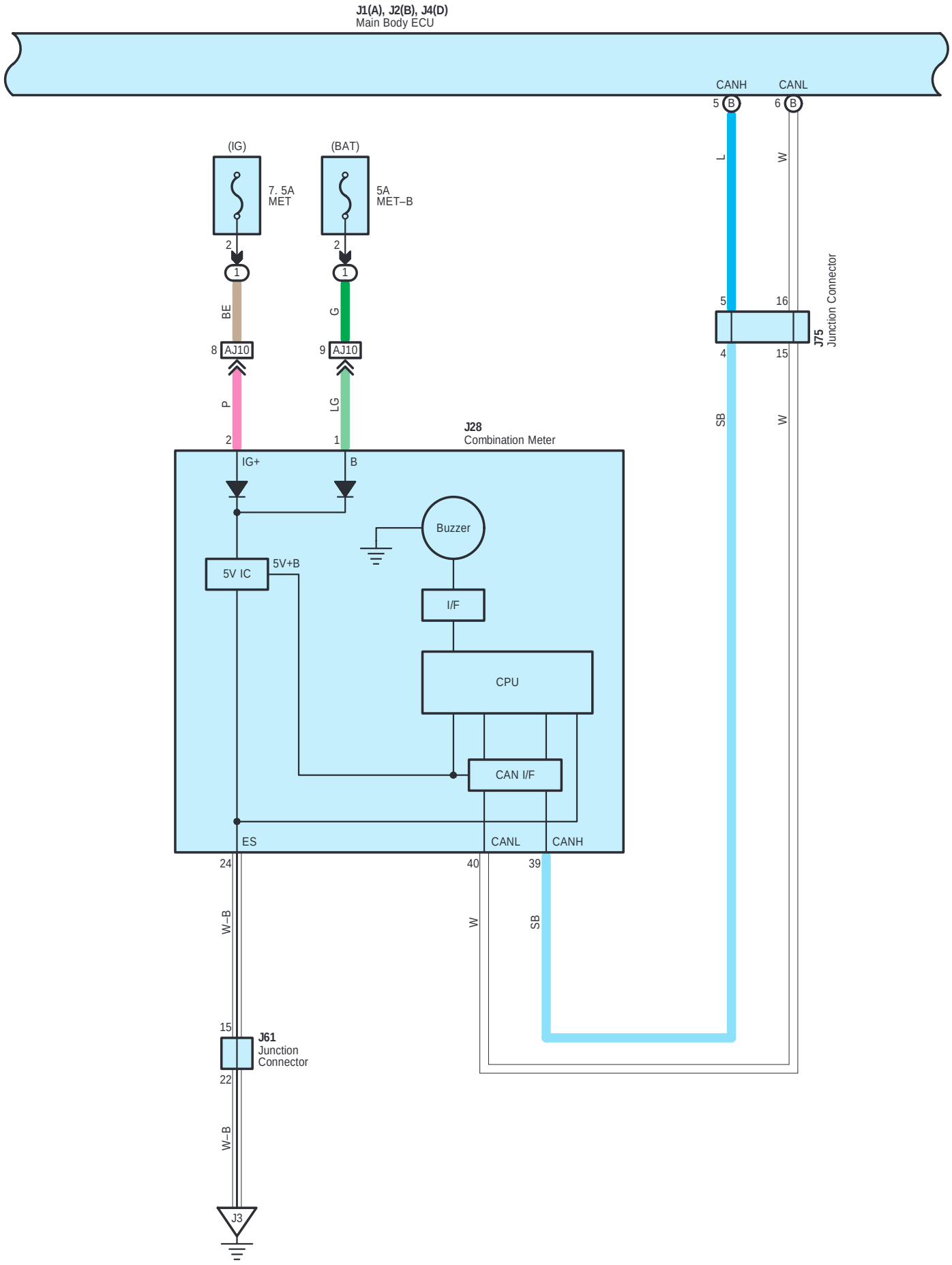


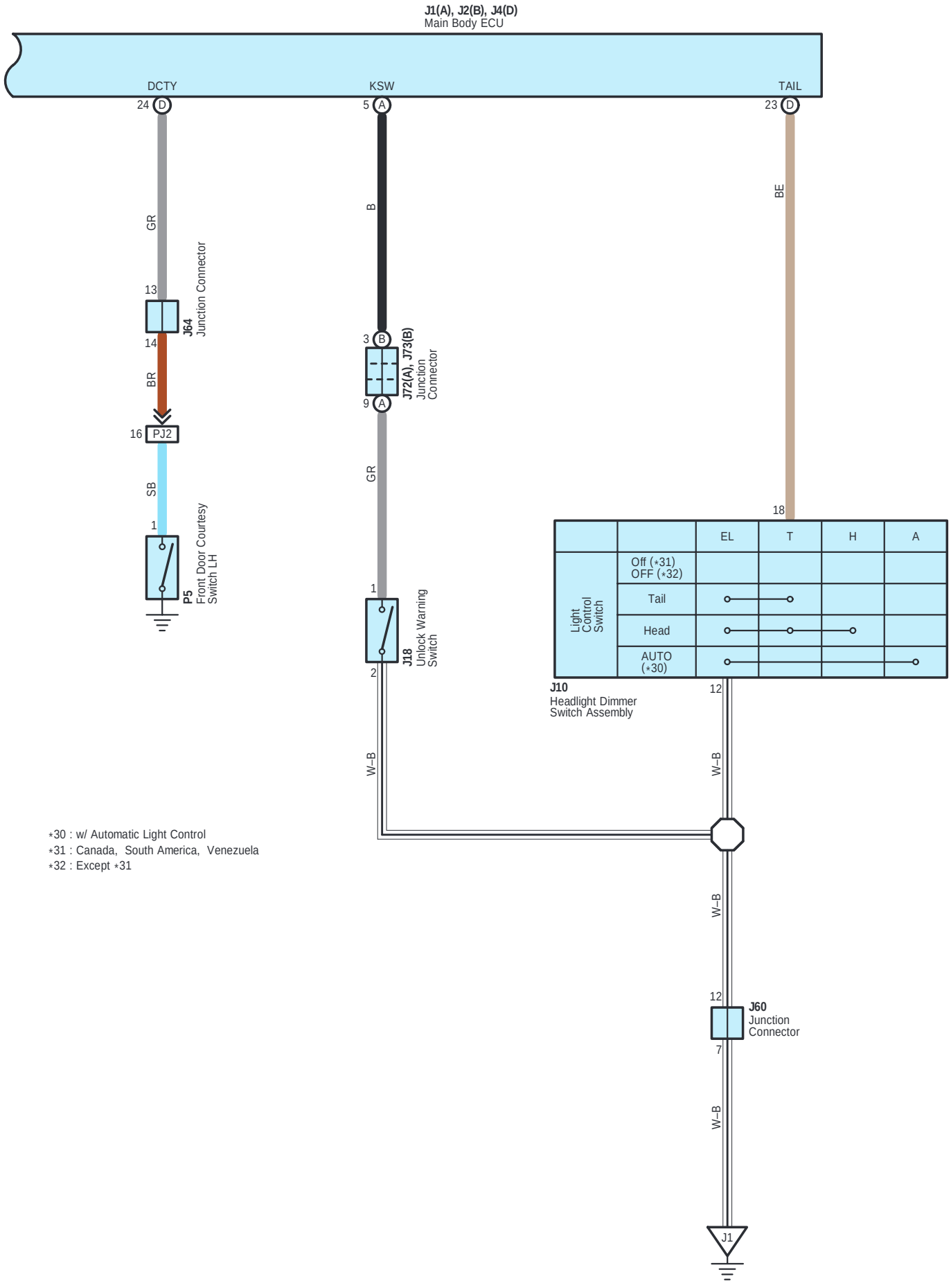
PJ2
White




QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

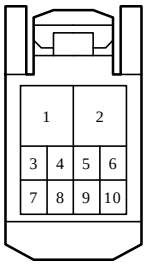

(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J1(A), J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1


J1(A), J2(B), J4(D)
Main Body ECU
CANH
CANL
5
B
6
B
L
W
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8
AJ10
9
AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
Buzzer
5V IC
5V+B
I/F
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
J3
5
16
J75
Junction Connector
4
15
SB
W

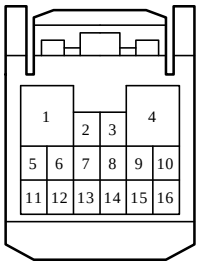


*30 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

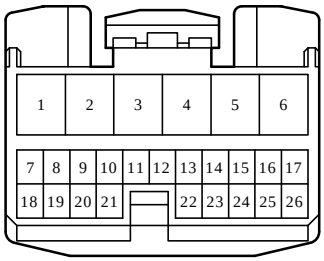
J 1
White



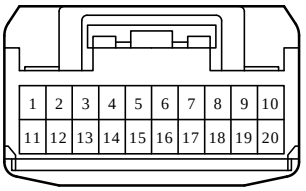
J 2
White



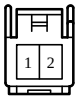
J 4
White



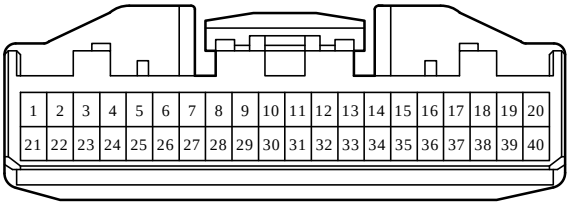
J 10
White



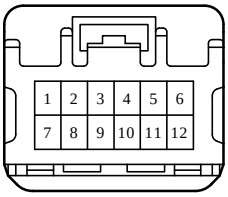
J 18
White



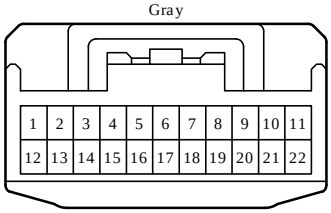
J 28
Black



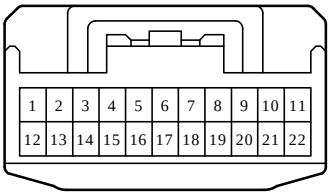
J 60
White



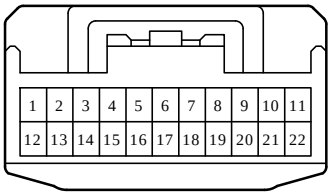
J 61
Gray



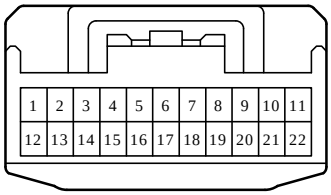
J 64
White



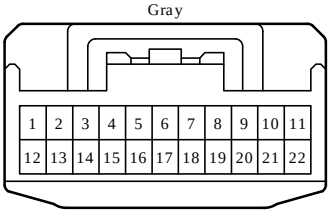
J 72
Black



J 73
Black



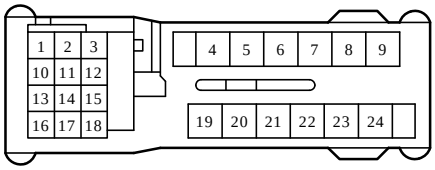
J 75
Gray



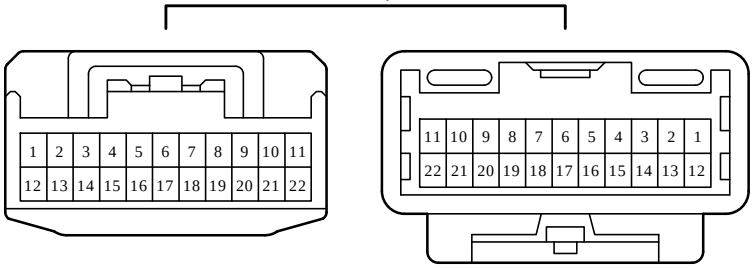
P 5
White

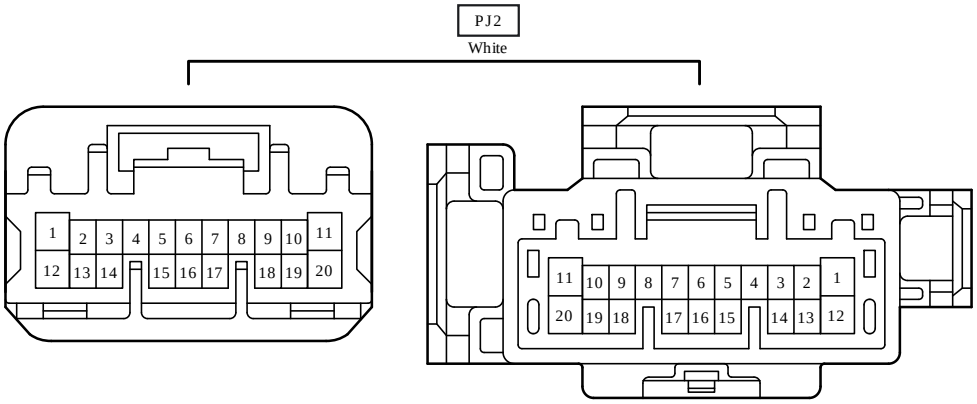


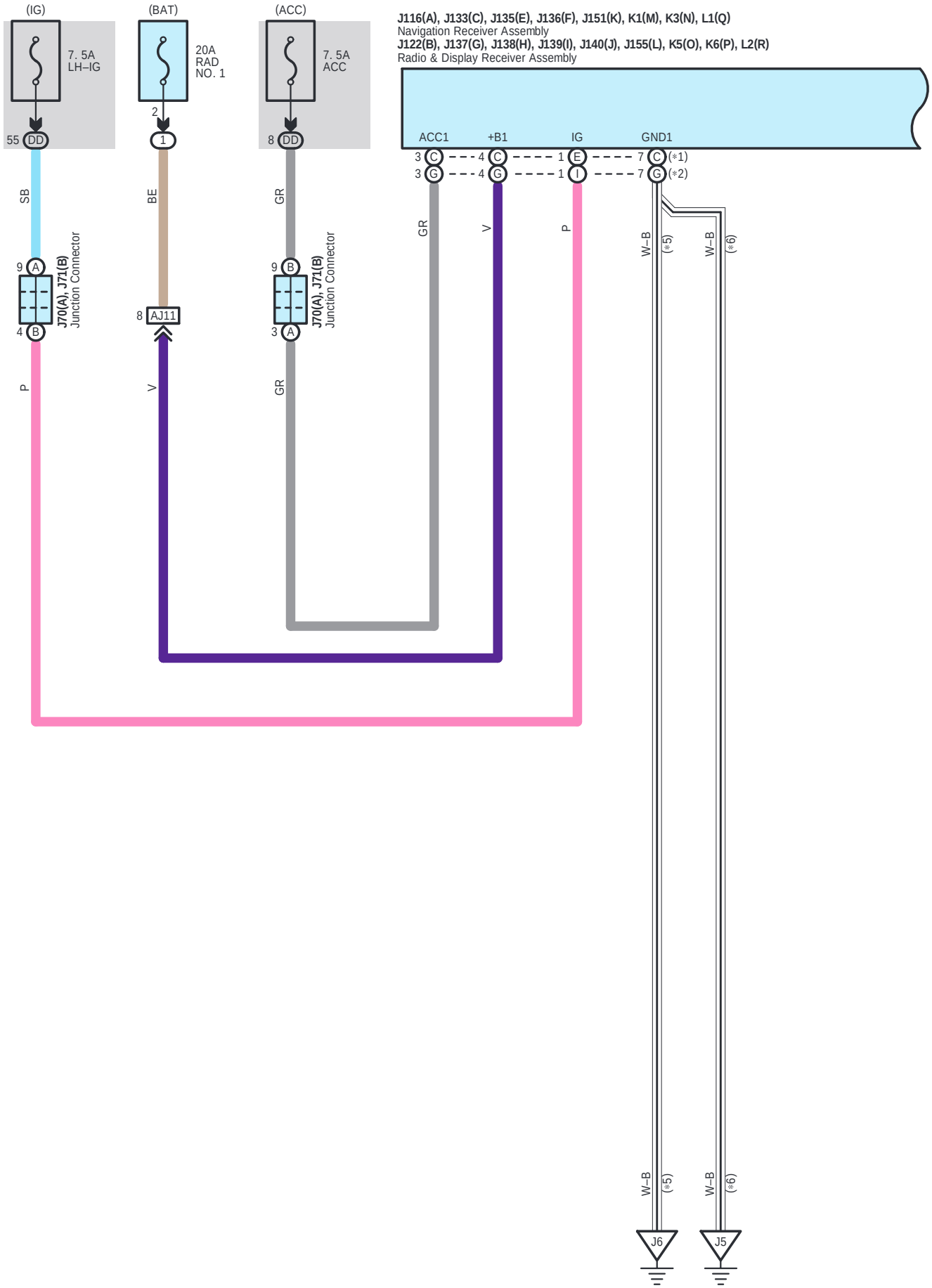
DB
White

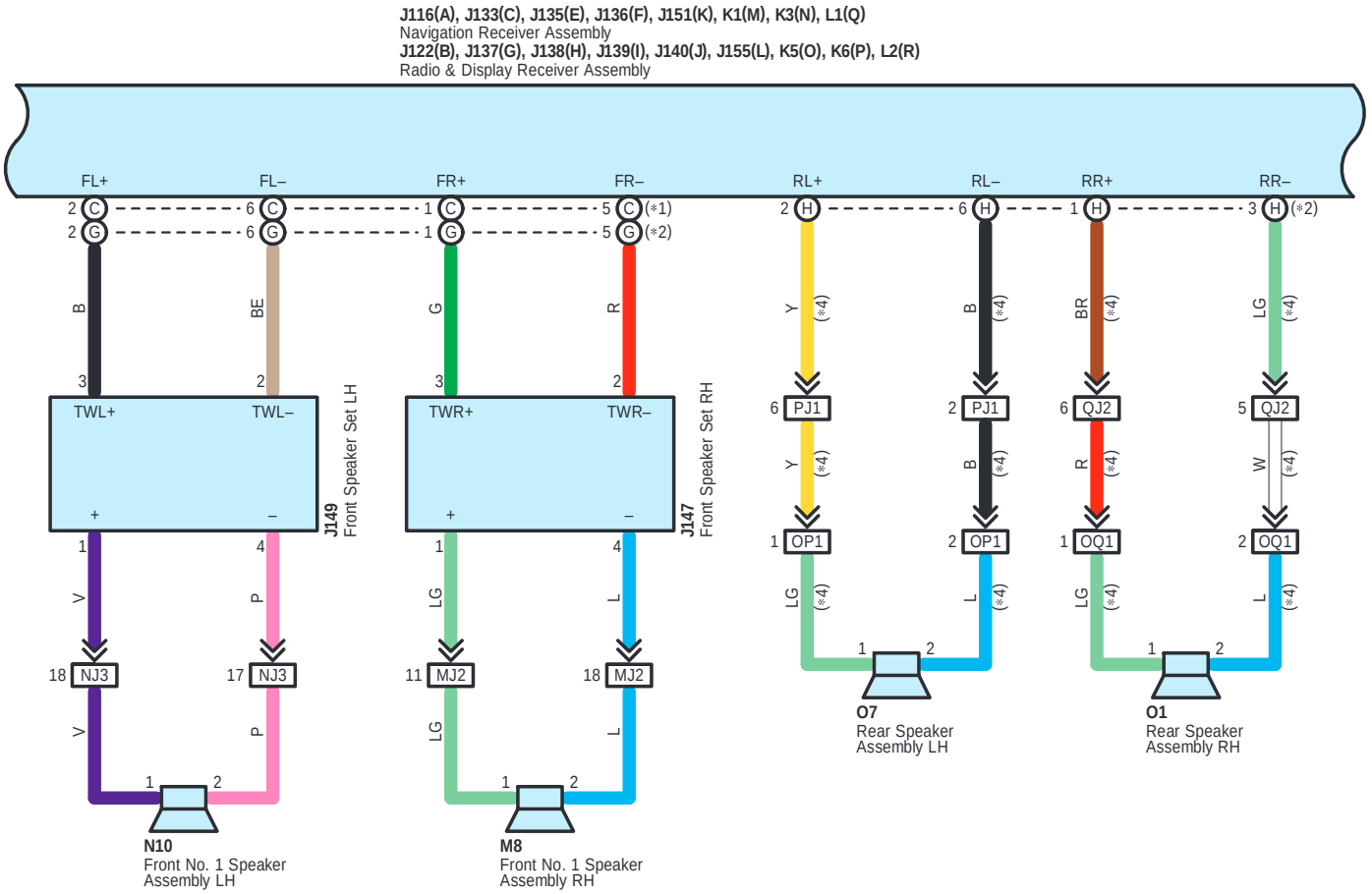


AJ10
Gray

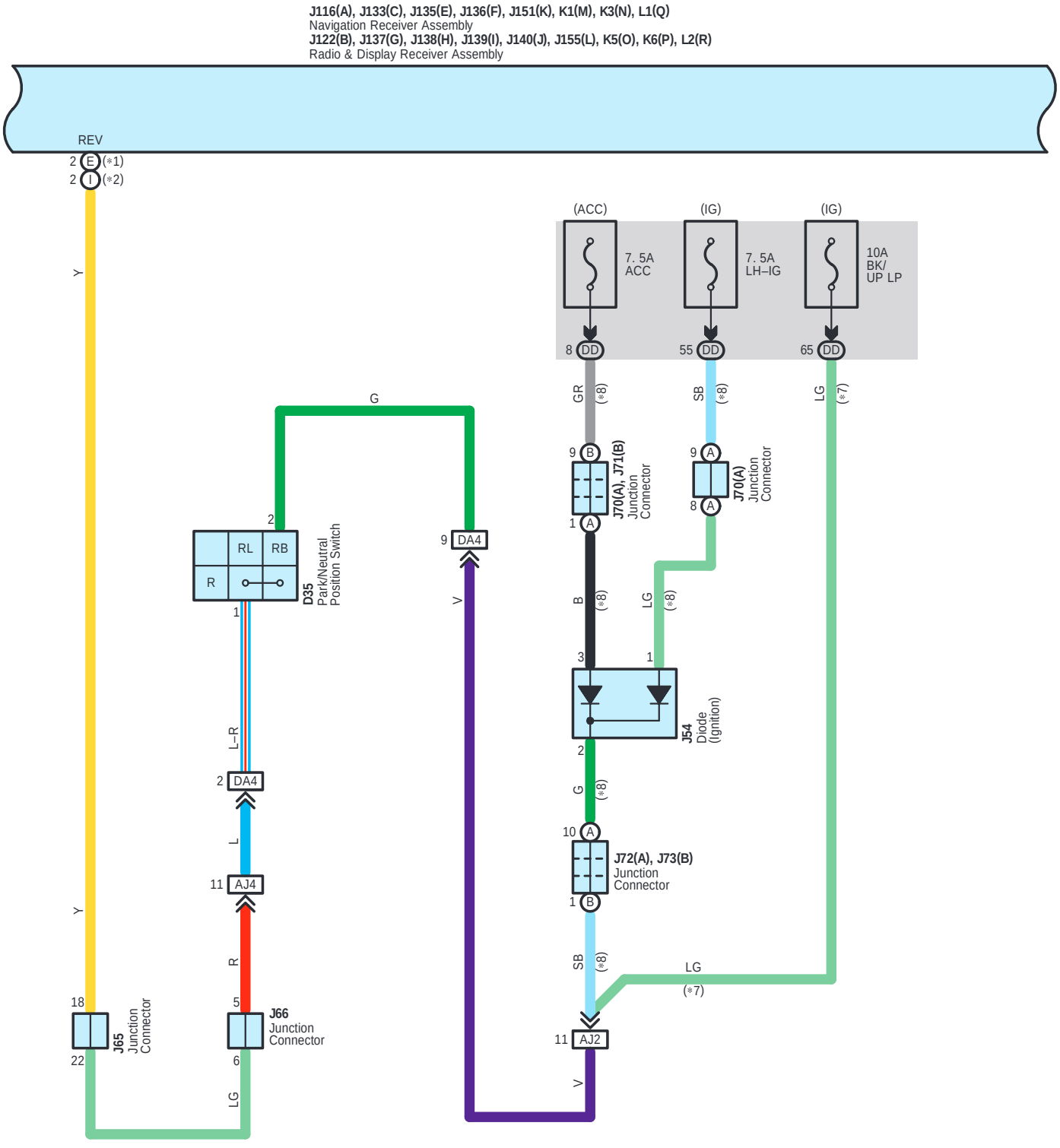


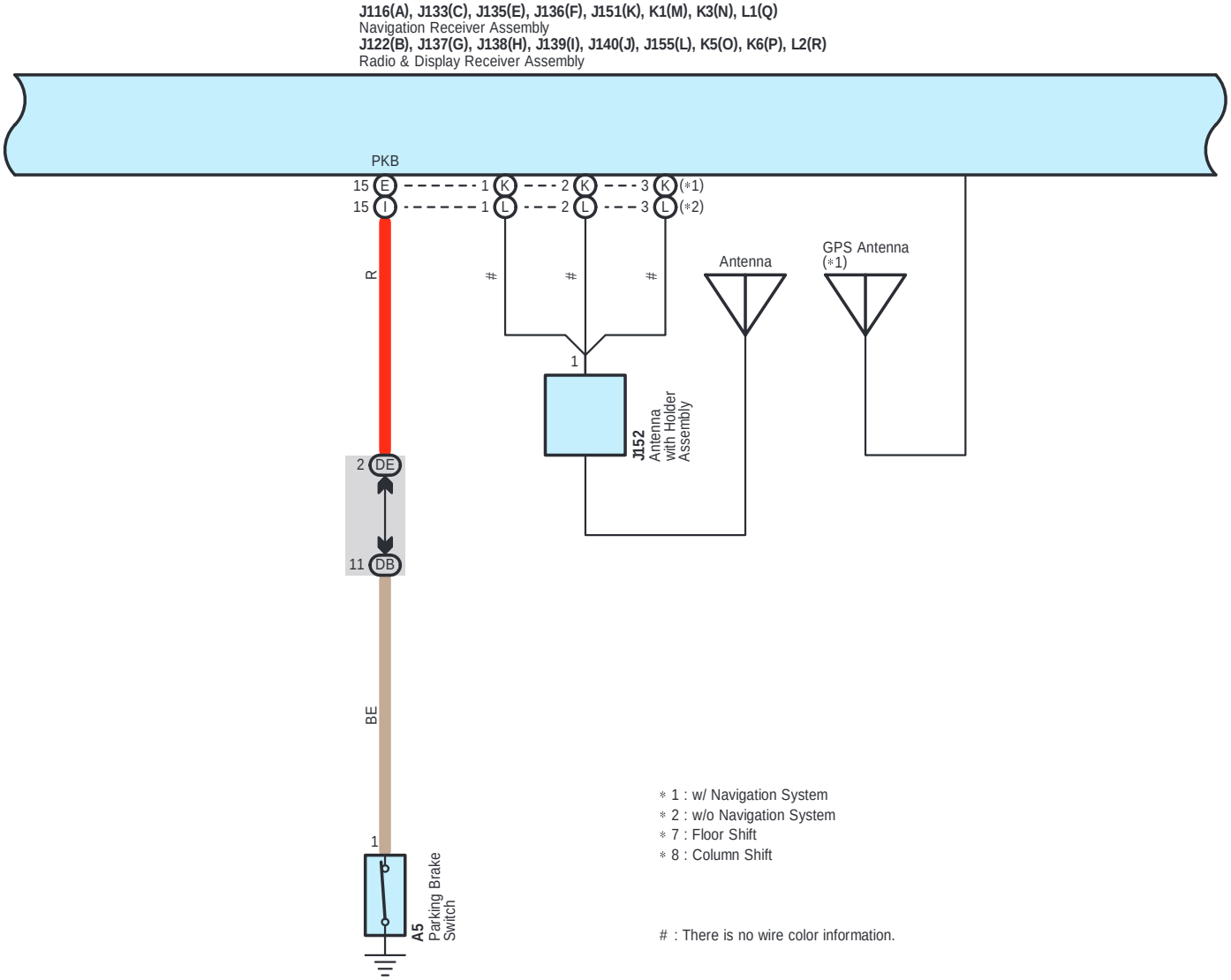

PJ2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
(BAT)
20A
RAD
NO. 1
2
1
BE
8 AJ11
V
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction Connector
3 A
GR
J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
ACC1
+B1
IG
GND1
3 C
3 G
4 C
4 G
1 E
1 I
7 C (*1)
7 G (*2)
GR
V
P
W–B
(*5)
W–B
(*6)
W–B
(*5)
W–B
(*6)
J6
J5

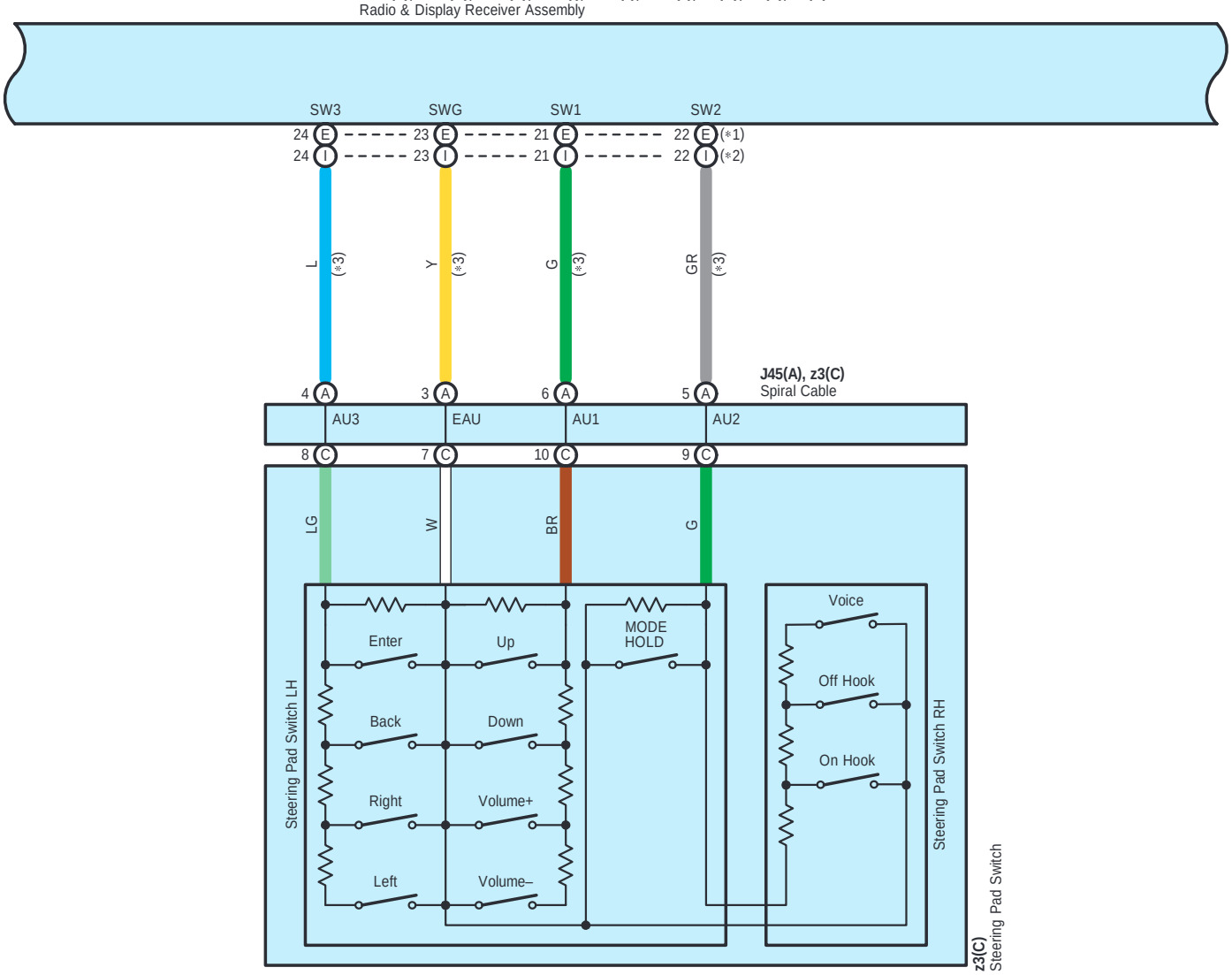


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 4 : w/ Rear Door Speaker
* 5 : w/ SDARS
* 6 : w/o SDARS

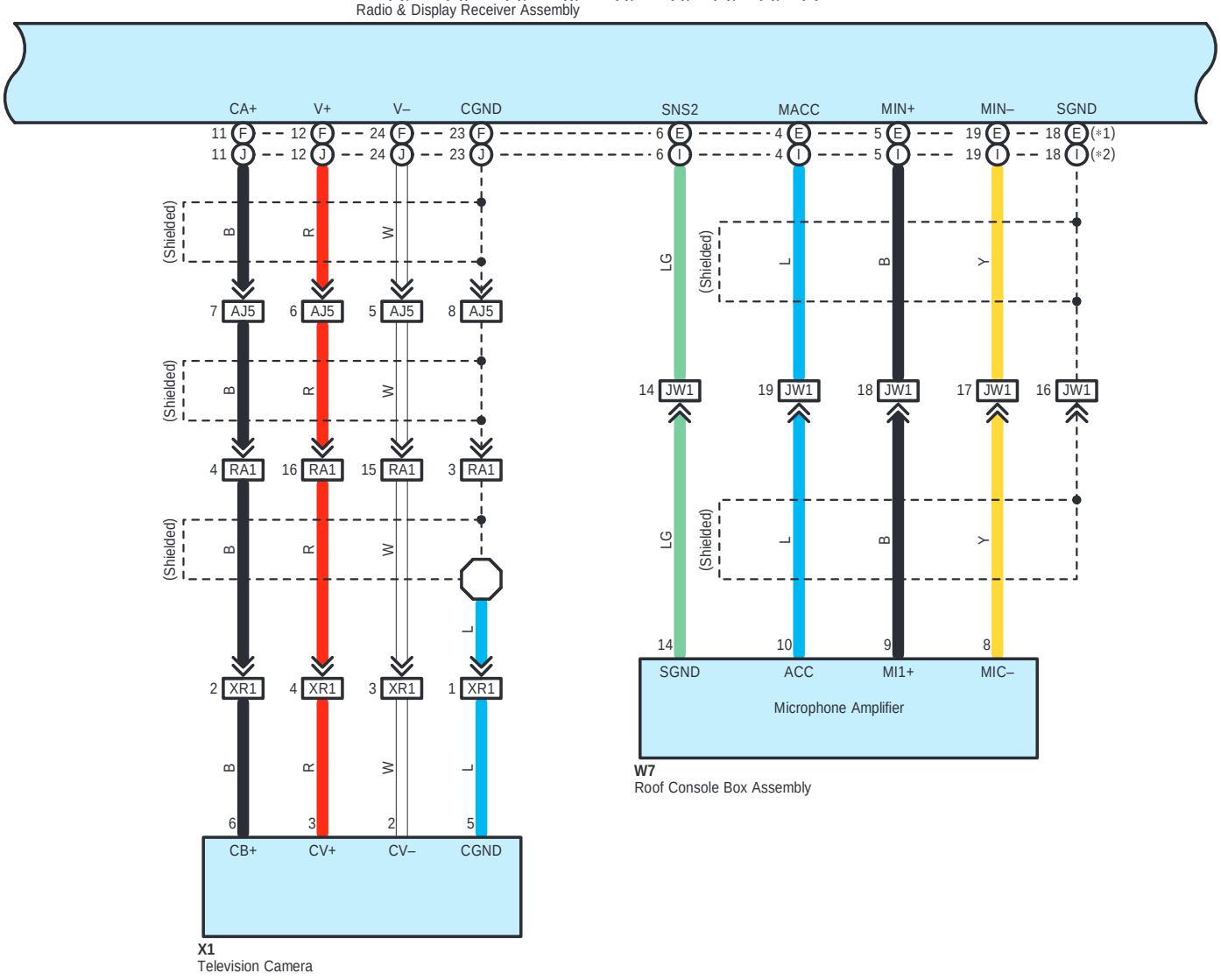

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
Y
18
J65 Junction Connector
22
LG
5
J66 Junction Connector
6
R
11 AJ4
L
2 DA4
L–R
1
2
D35 Park/Neutral Position Switch
RL
RB
R
G
9 DA4
V
11 AJ2
V
SB
(*8)
10 A
J72(A), J73(B) Junction Connector
1 B
G
(*8)
2
J54 Diode (Ignition)
3
1
B
(*8)
LG
(*8)
1 A
J70(A), J71(B) Junction Connector
9 B
GR
(*8)
9 A
J70(A) Junction Connector
8 A
SB
(*8)
LG
(*7)
LG
(*7)
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
PKB
15 E
15 I
1 K
1 L
2 K
2 L
3 K
3 L
(*1)
(*2)
R
#
#
#
Antenna
GPS Antenna (*1)
1
J152 Antenna with Holder Assembly
2 DE
11 DB
BE
1
A5 Parking Brake Switch
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 7 : Floor Shift
* 8 : Column Shift
# : There is no wire color information.

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly



J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

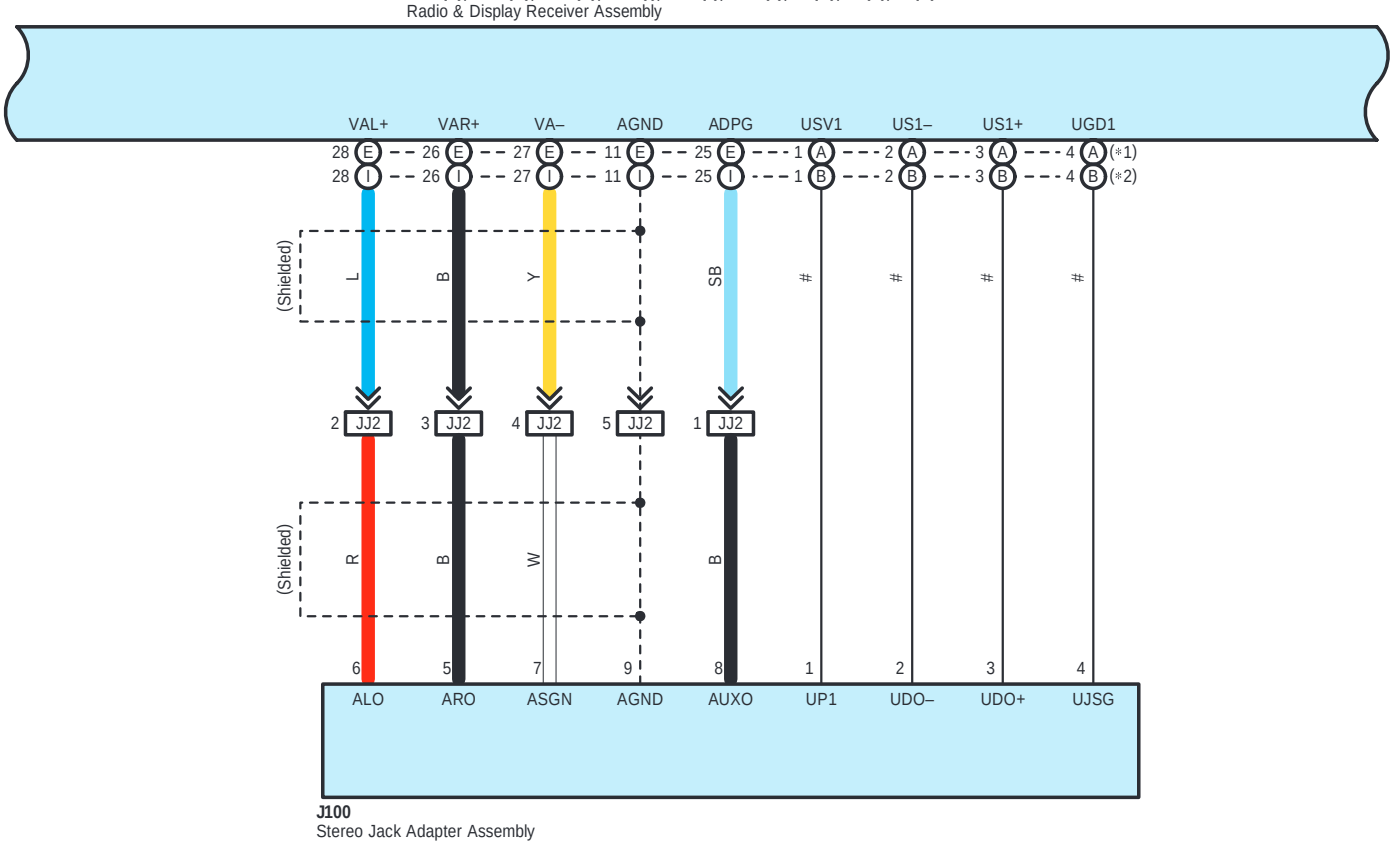


X1
Television Camera

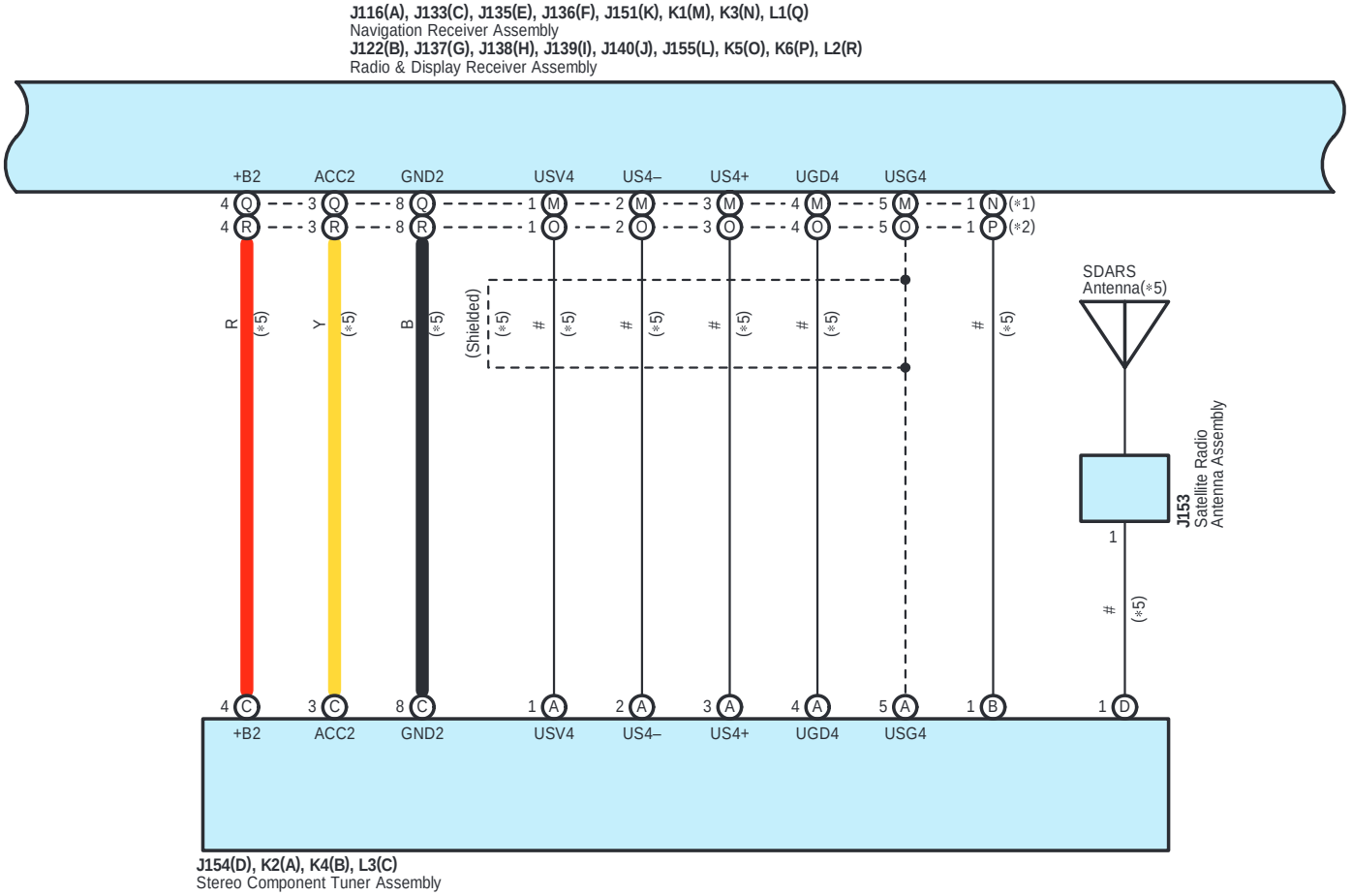
W7
Roof Console Box Assembly

∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : w/ Steering Pad Switch

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

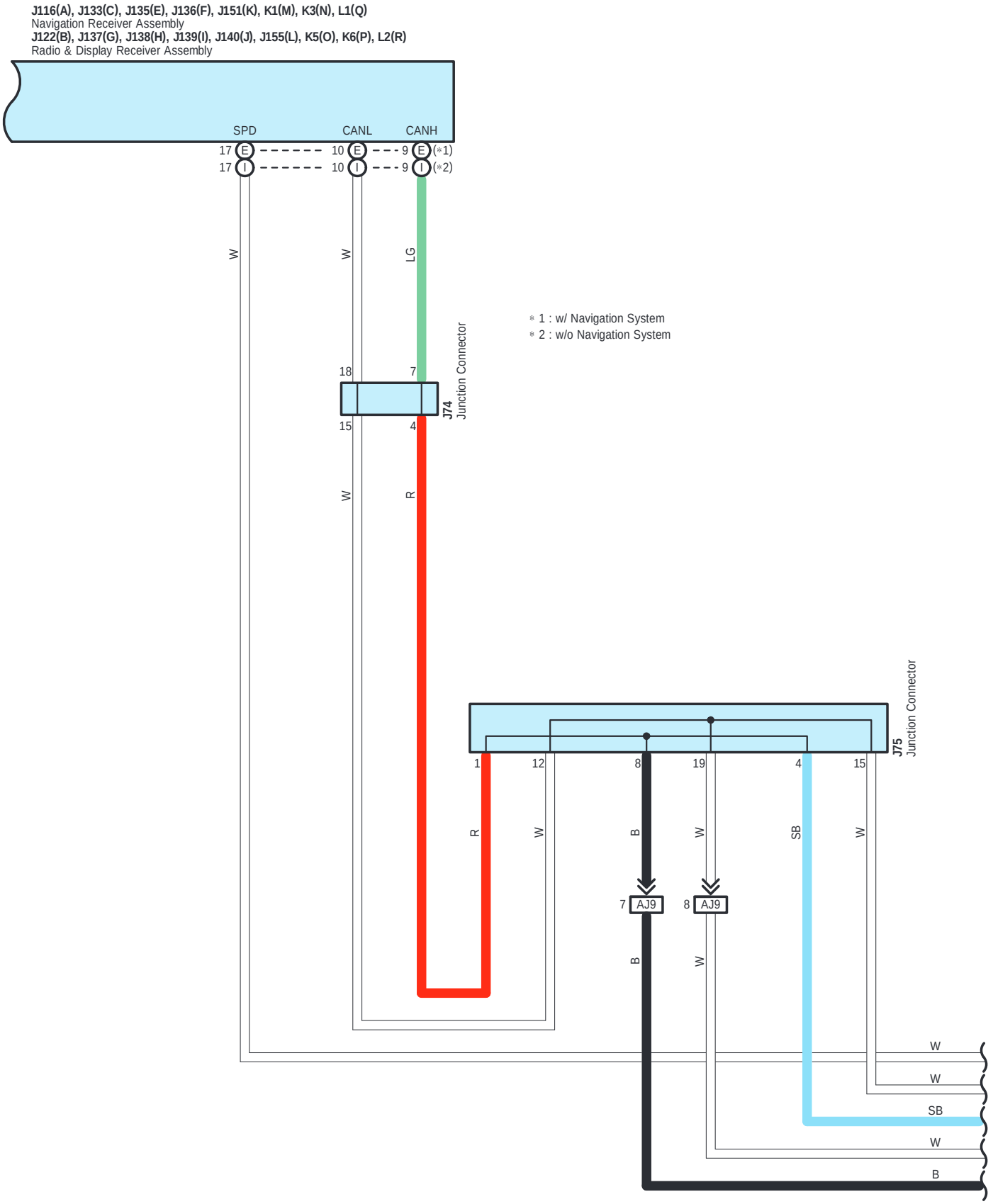


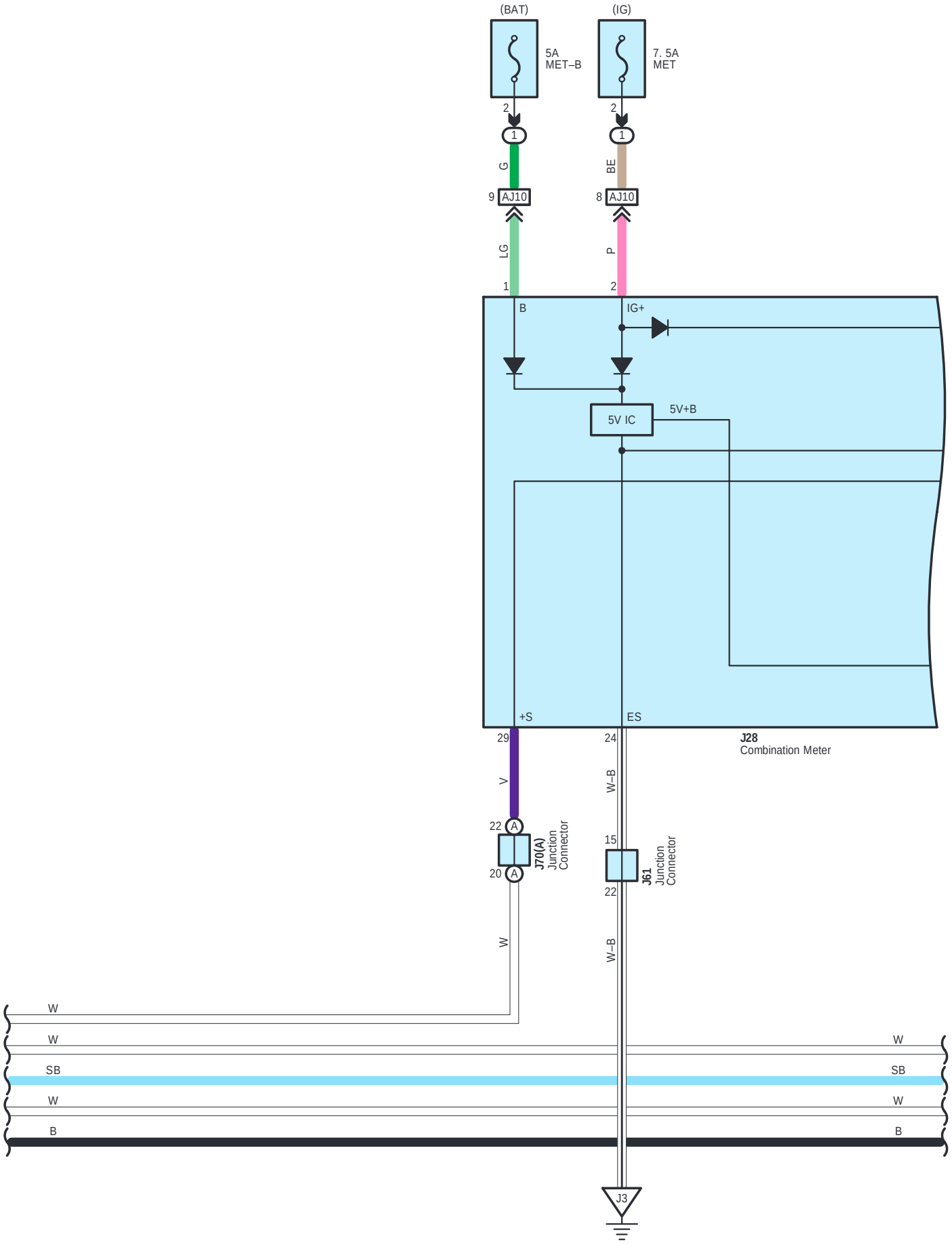
J100
Stereo Jack Adapter Assembly

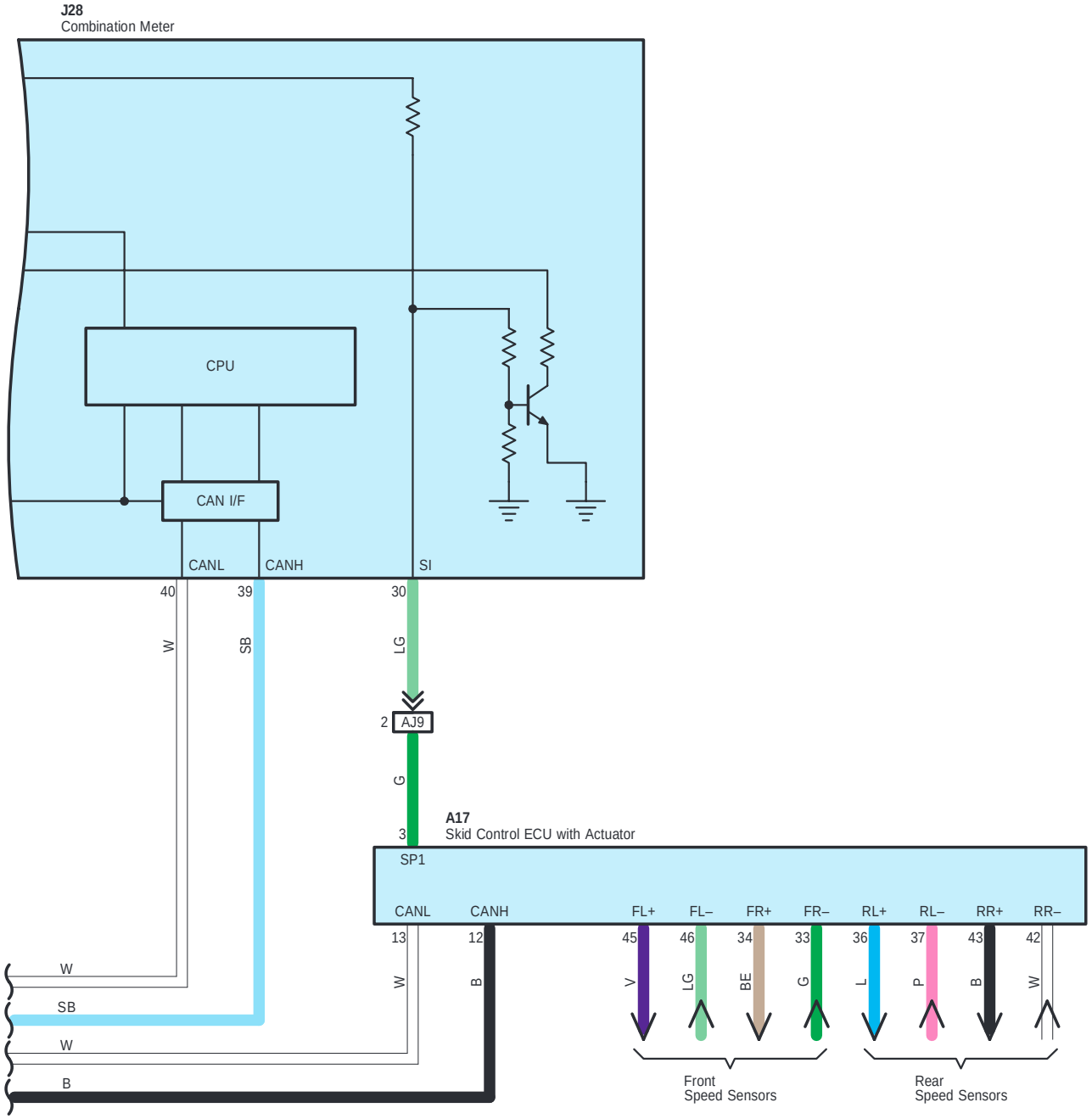


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 5 : w/ SDARS

: There is no wire color information.


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
J74
Junction Connector
15
4
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

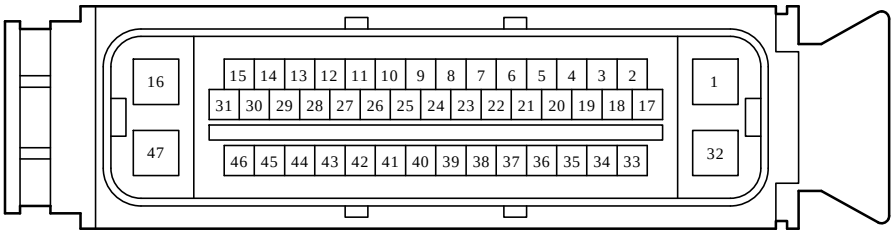

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
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BE
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B
Front
Speed Sensors
Rear
Speed Sensors

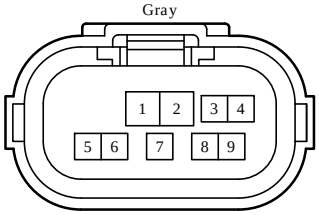
A 5
White



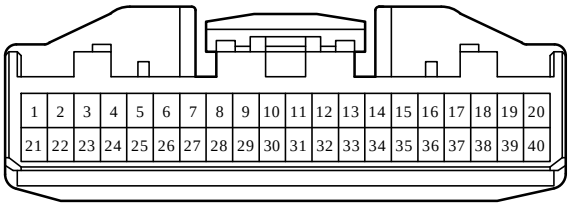
A 17
Black



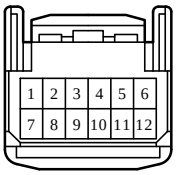
D 35
Gray



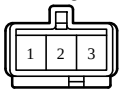
J 28
Black



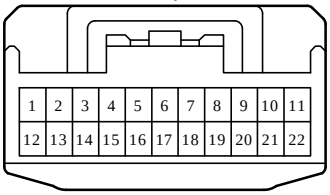
J 45
Black



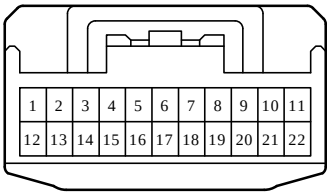
J 54
Orange



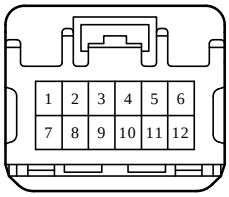
J 61
Gray



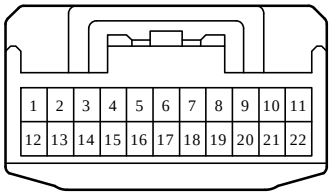
J 65
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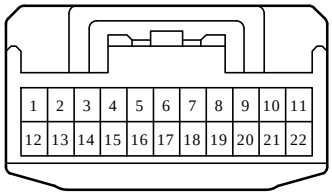
J 66
Black



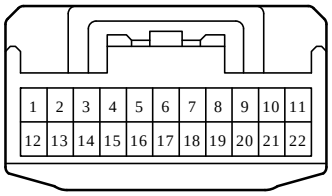
J 70
Blue



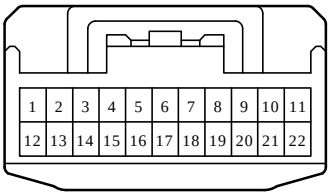
J 71
White



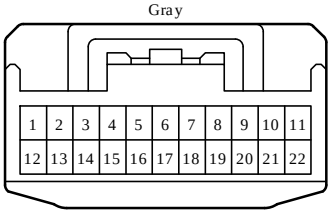
J 72
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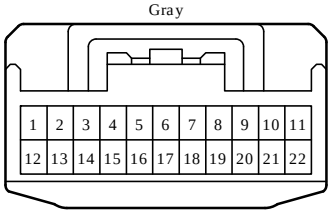
J 73
Black



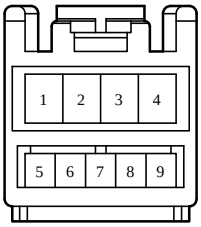
J 74
Gray



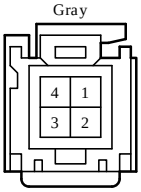
J 75
Gray



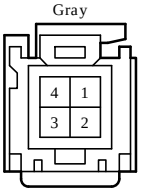
J100
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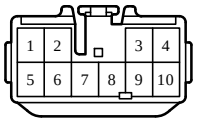
J116
Gray



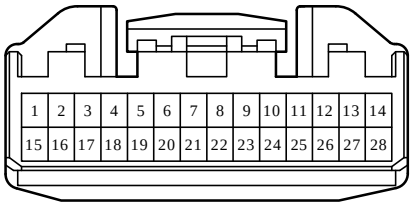
J122
Gray



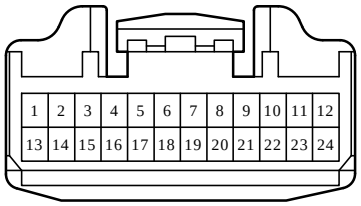
J133
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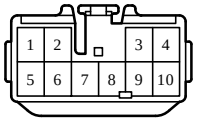
J135
White



J136
White



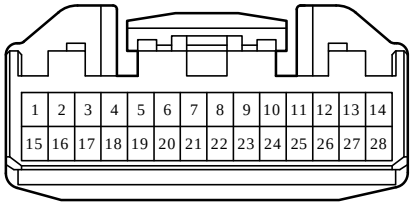
J137
White



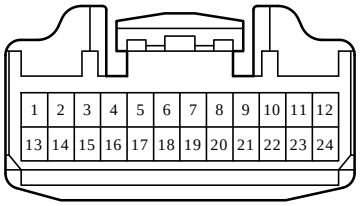
J138
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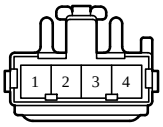
J139
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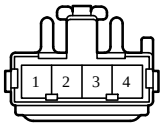
J140
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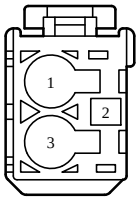
J147
Black



J149
Black



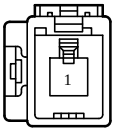
J151
White



J152
Gray



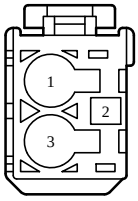
J153
Blue



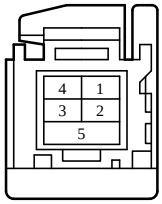
J154
Black



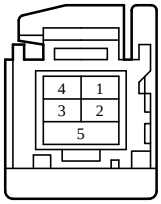
J155
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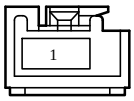
K 1
Brown



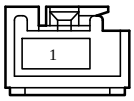
K 2
Brown



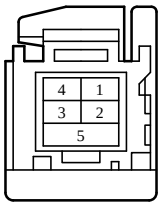
K 3
White



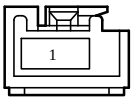
K 4
White



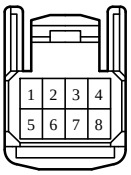
K 5
Brown



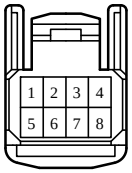
K 6
White



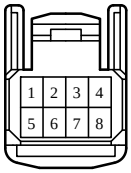
L 1
White



L 2
White



L 3
White



M 8
White



N 10
White



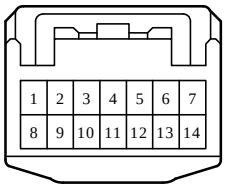
O 1
White



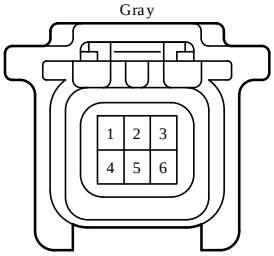
O 7
White



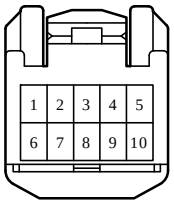
W 7
White



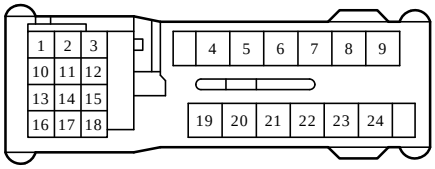
X 1
Gray



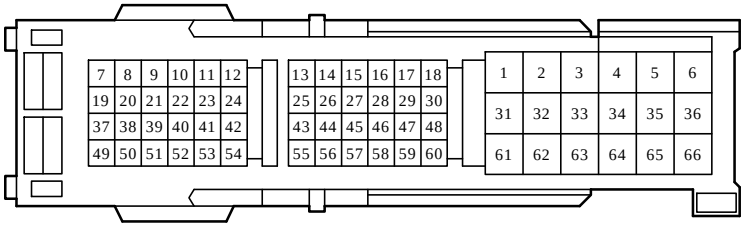
z 3
White



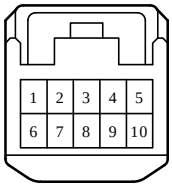
DB
White



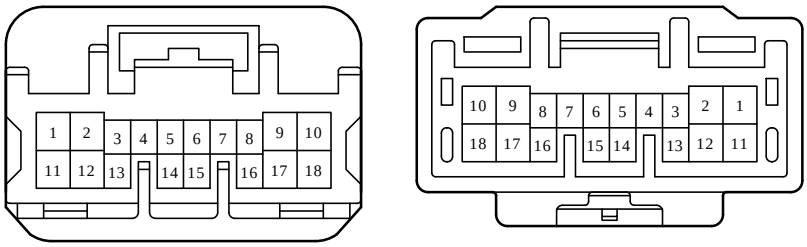
DD
White



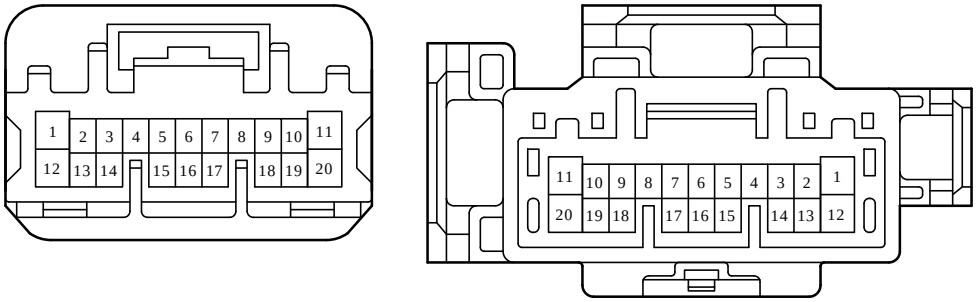
DE
White



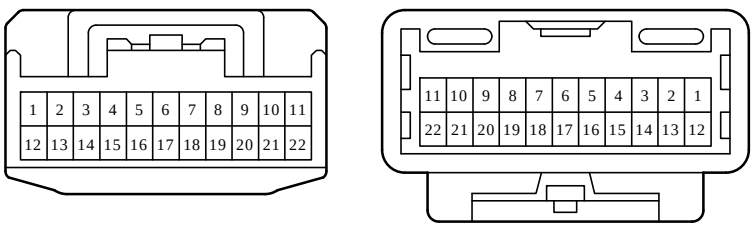
AJ2
Gray



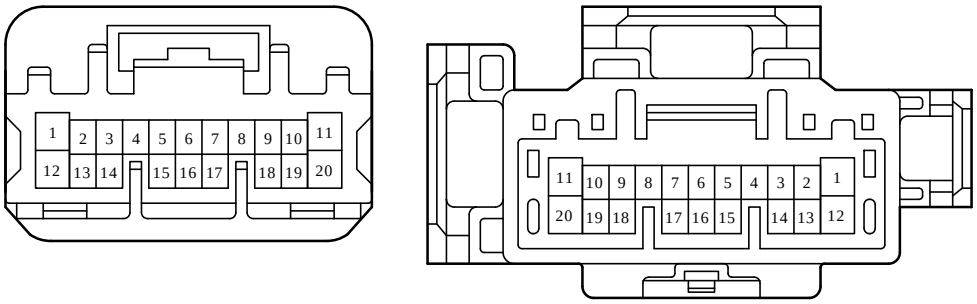
AJ4
White



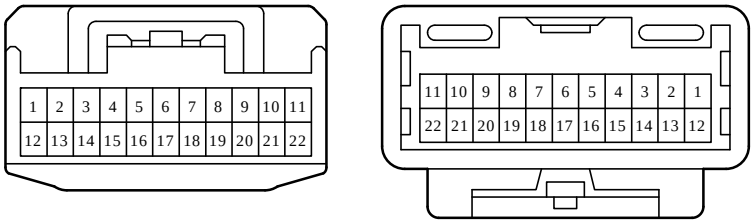
AJ5
Gray



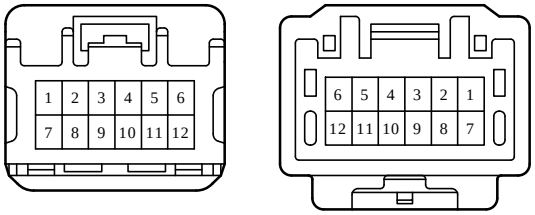
AJ9
White



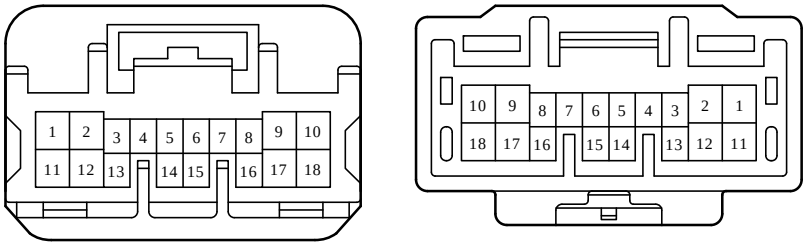
AJ10
Gray



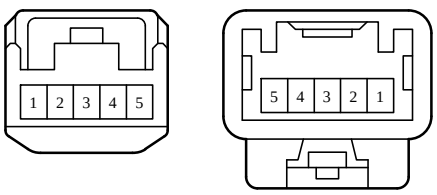
AJ11
Gray



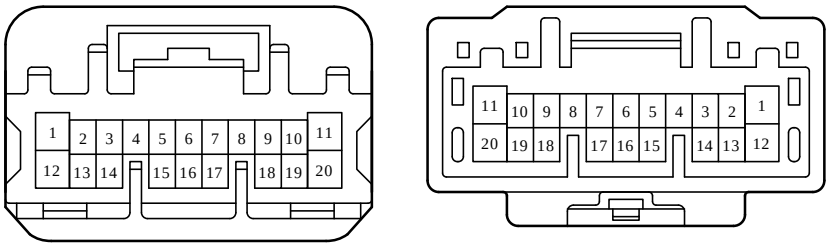
DA4
Gray



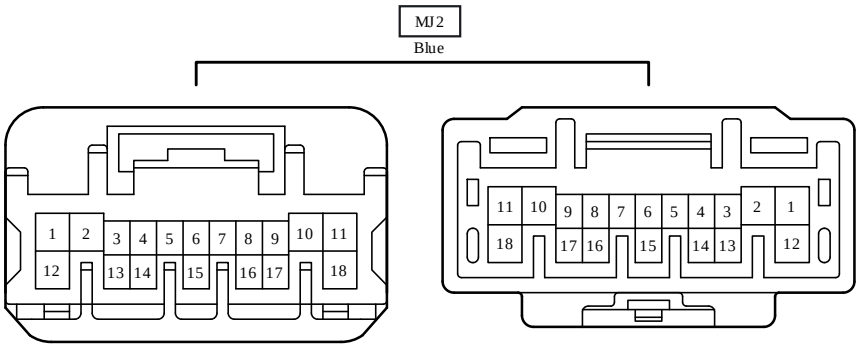
JJ2
White



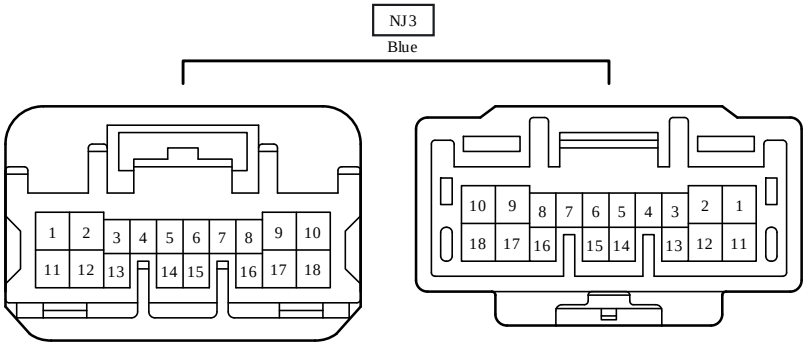
JW1
White



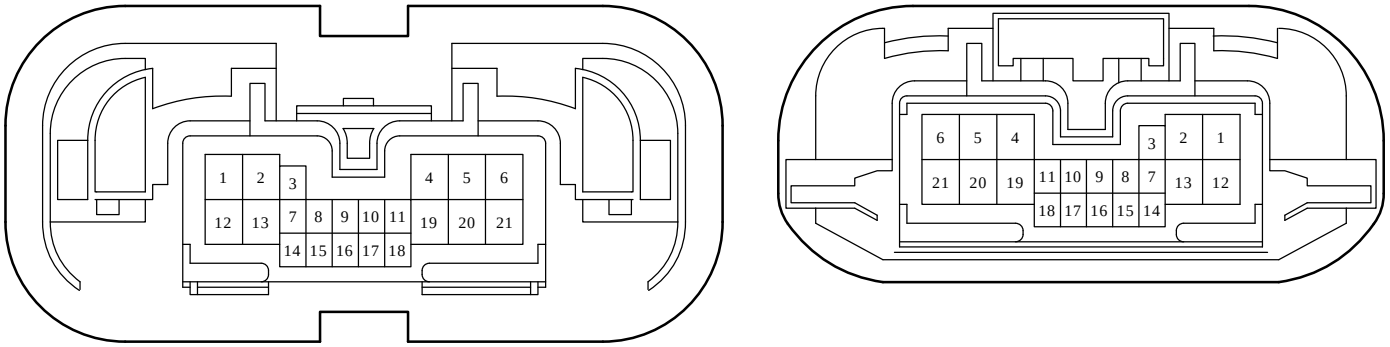
MJ2
Blue



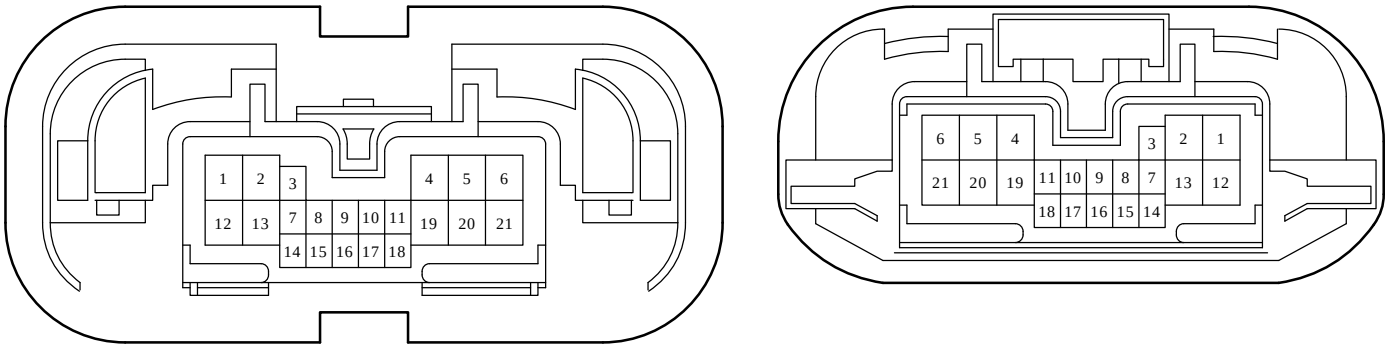
NJ3
Blue



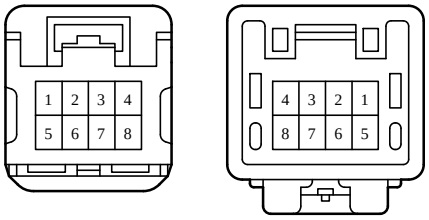
OP1
White



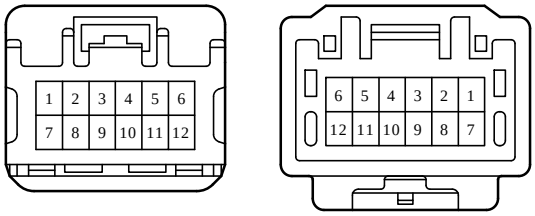
OQ1
White



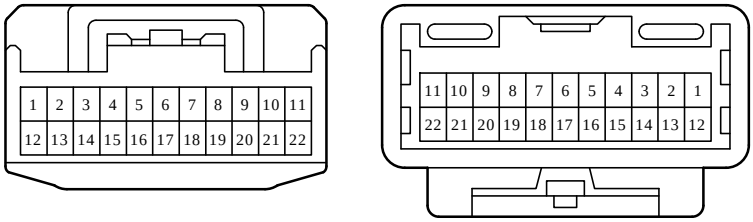
PJ1
Black



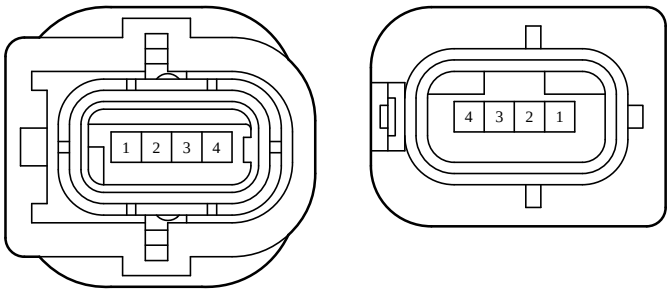
QJ2
Black

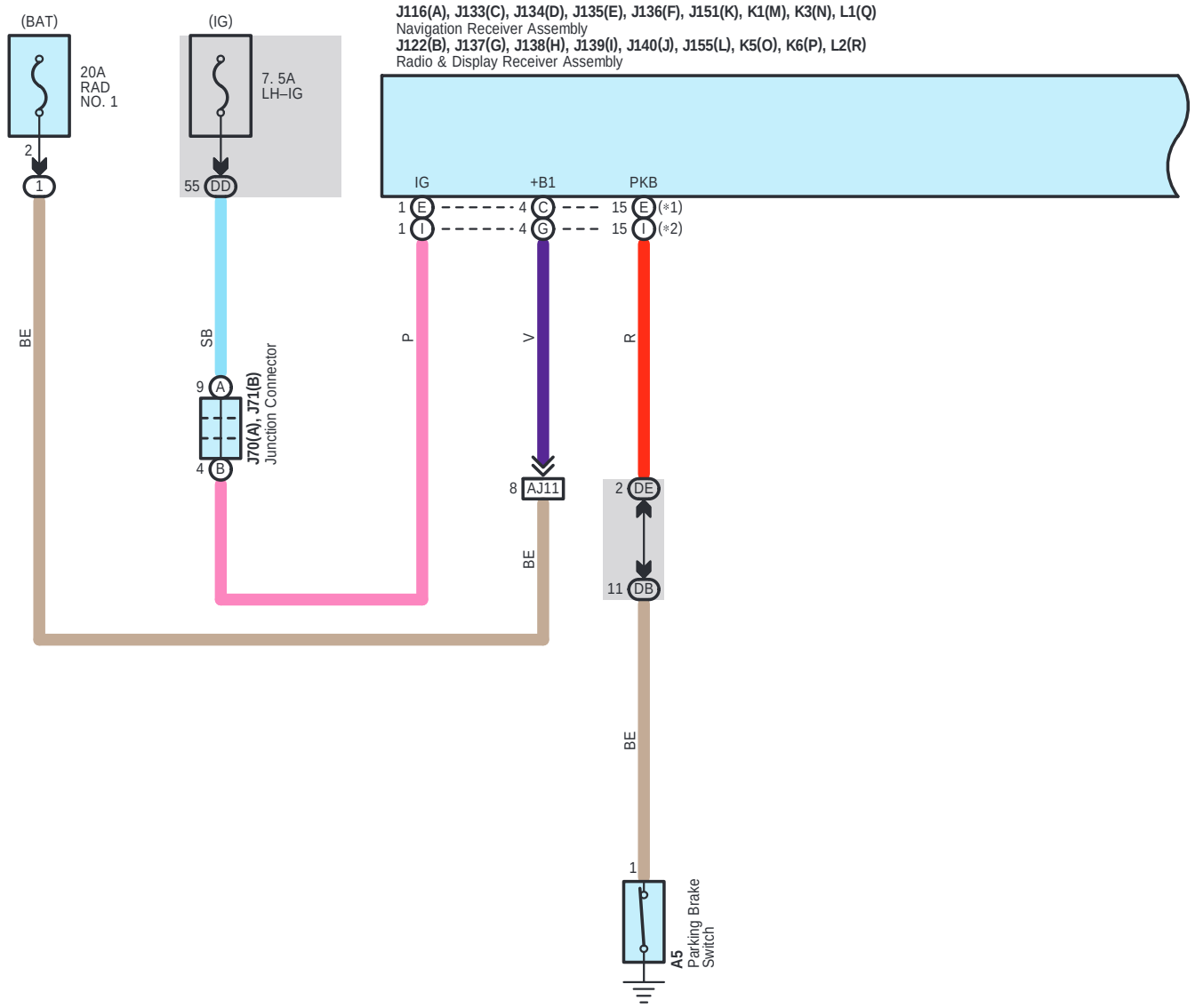


RA1
Black

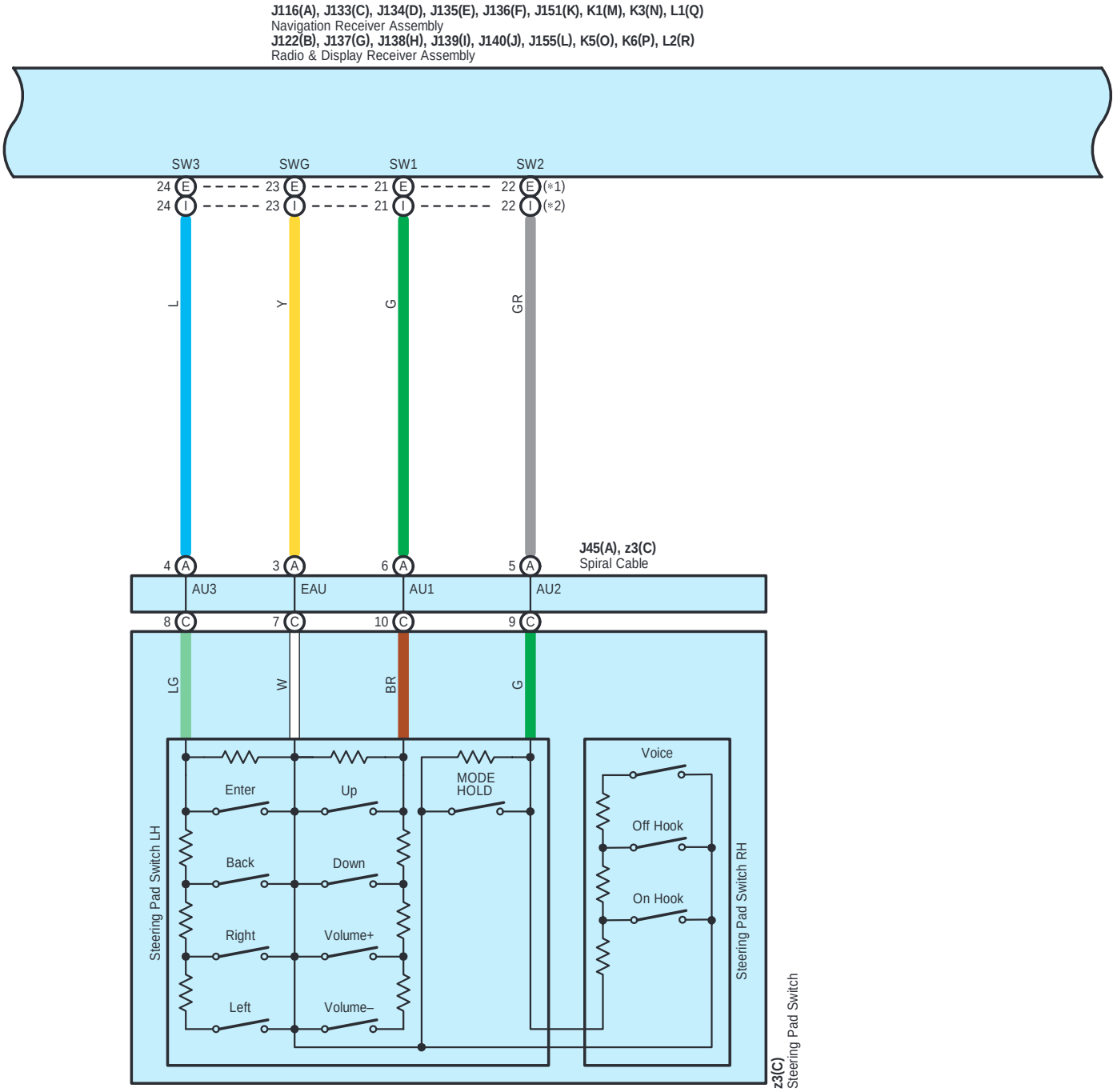


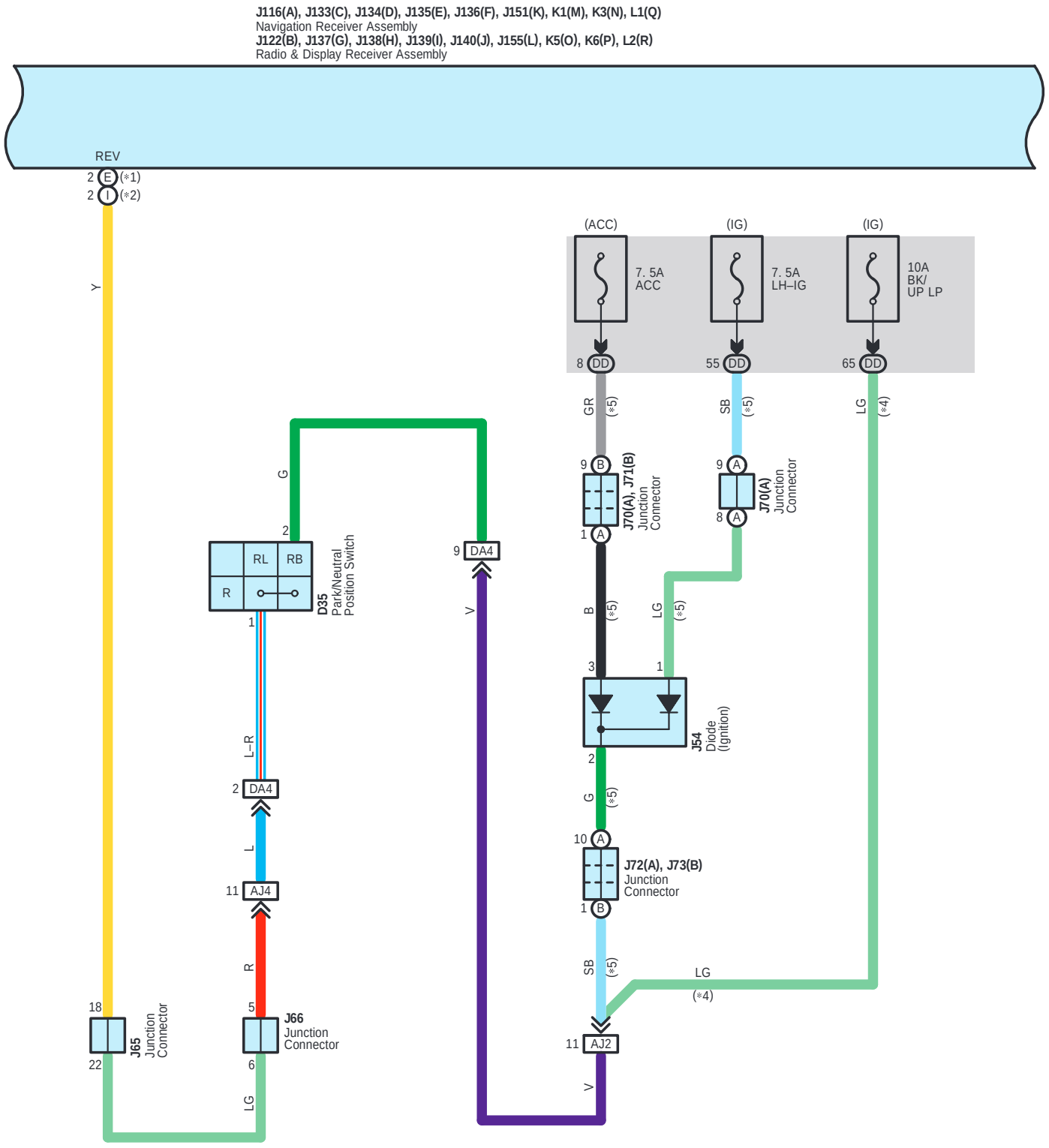
XR1
White

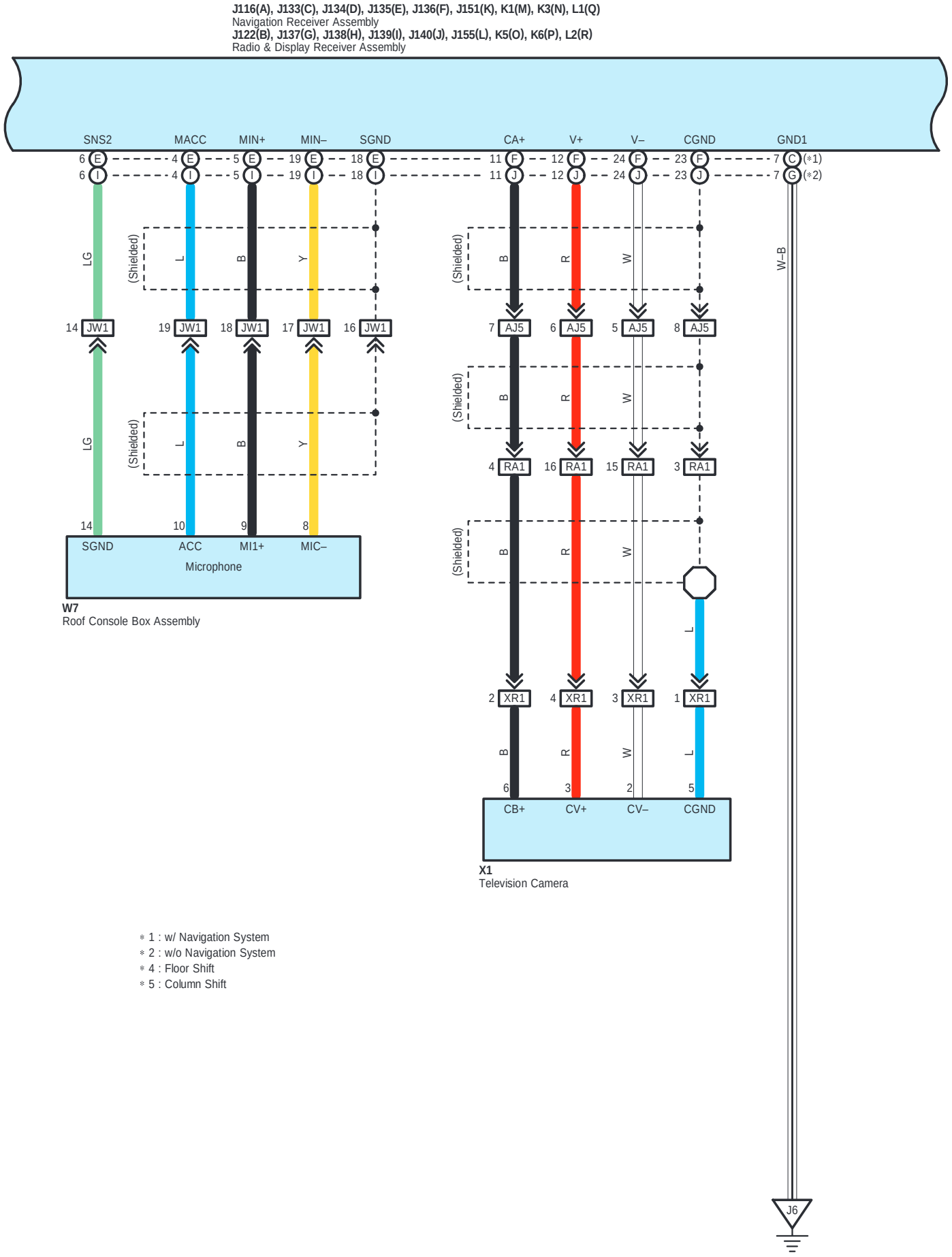




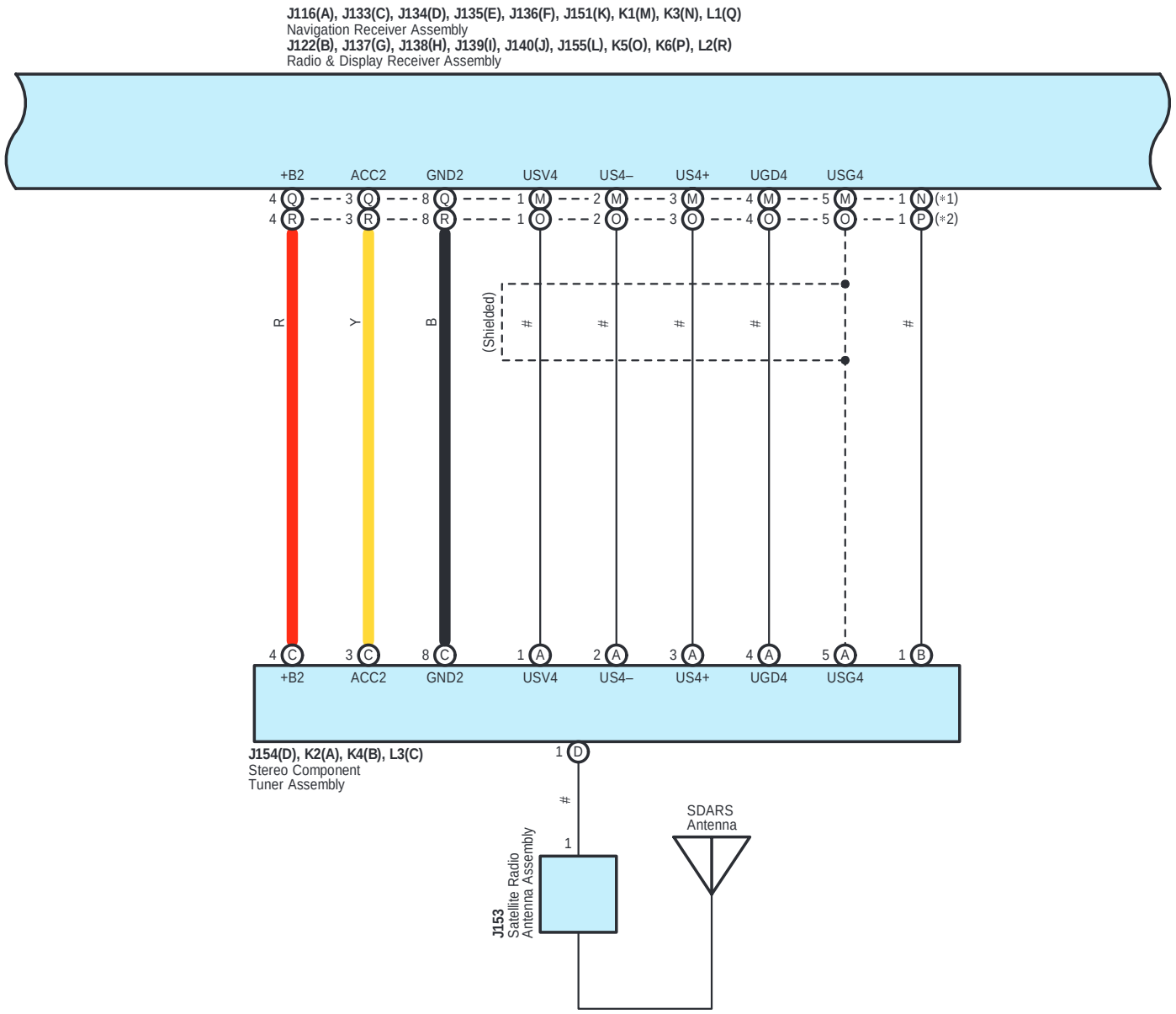
* 1 : w/ Navigation System
* 2 : w/o Navigation System


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SW3
SWG
SW1
SW2
24 E
24 I
23 E
23 I
21 E
21 I
22 E (*1)
22 I (*2)
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD
GR (*5)
SB (*5)
LG (*4)
9 B
9 A
1 A
8 A
J70(A), J71(B) Junction Connector
J70(A) Junction Connector
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
9 DA4
V
B (*5)
LG (*5)
3
1
J54 Diode (Ignition)
L–R
2 DA4
L
11 AJ4
R
2
G (*5)
10 A
J72(A), J73(B) Junction Connector
1 B
SB (*5)
LG (*4)
18
22
J65 Junction Connector
5
6
J66 Junction Connector
LG
11 AJ2
V



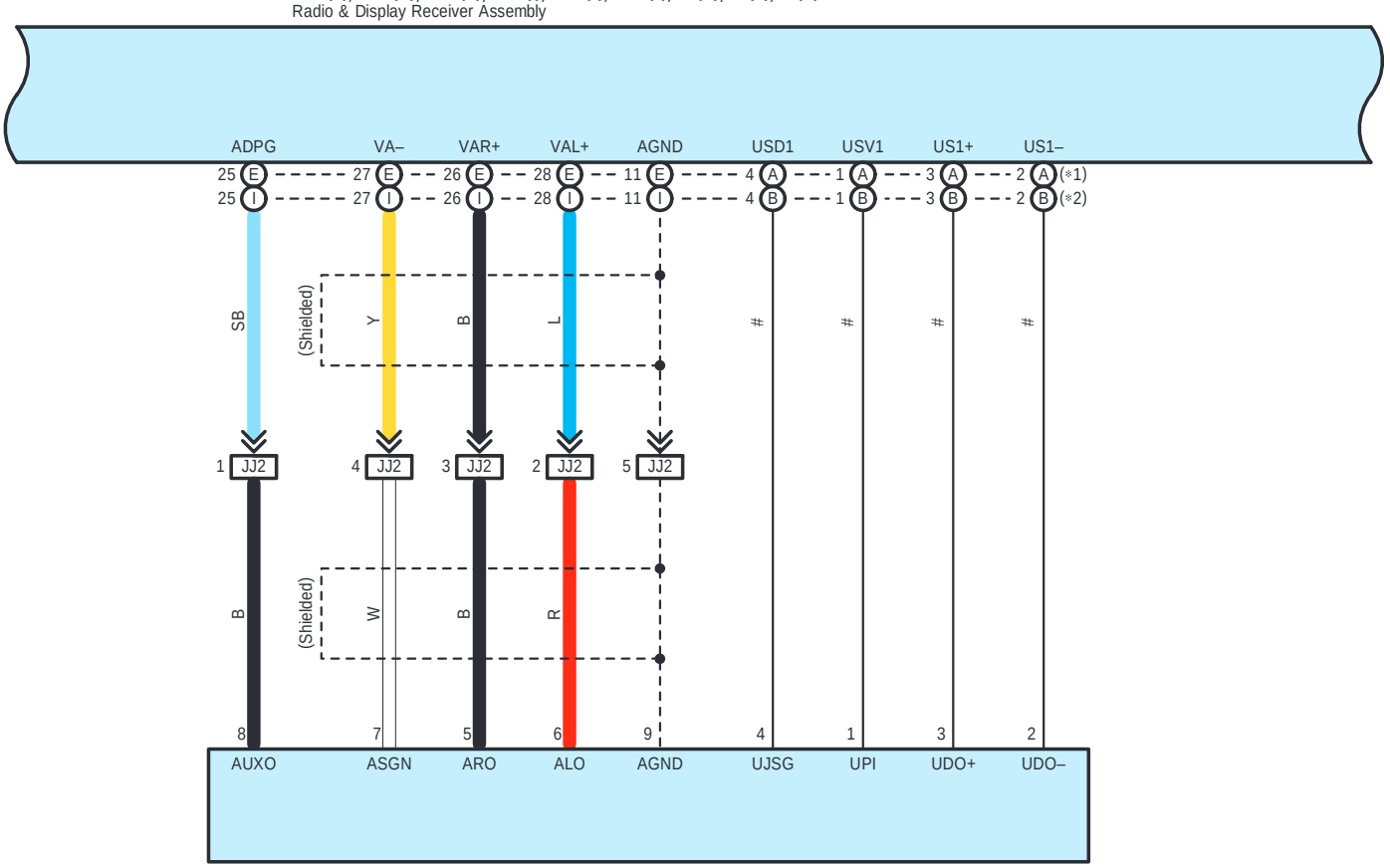
∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 4 : Floor Shift
∗ 5 : Column Shift



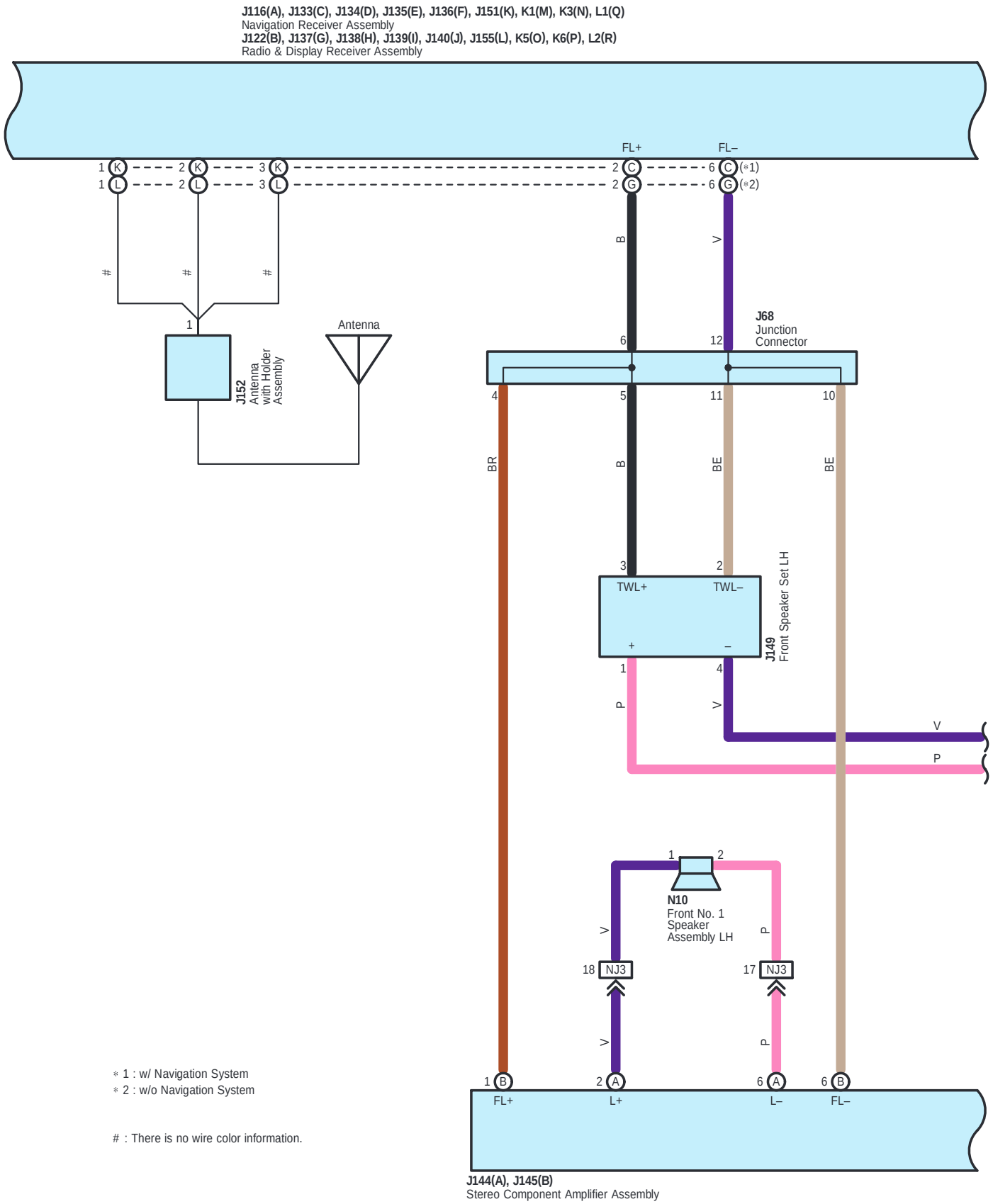
* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

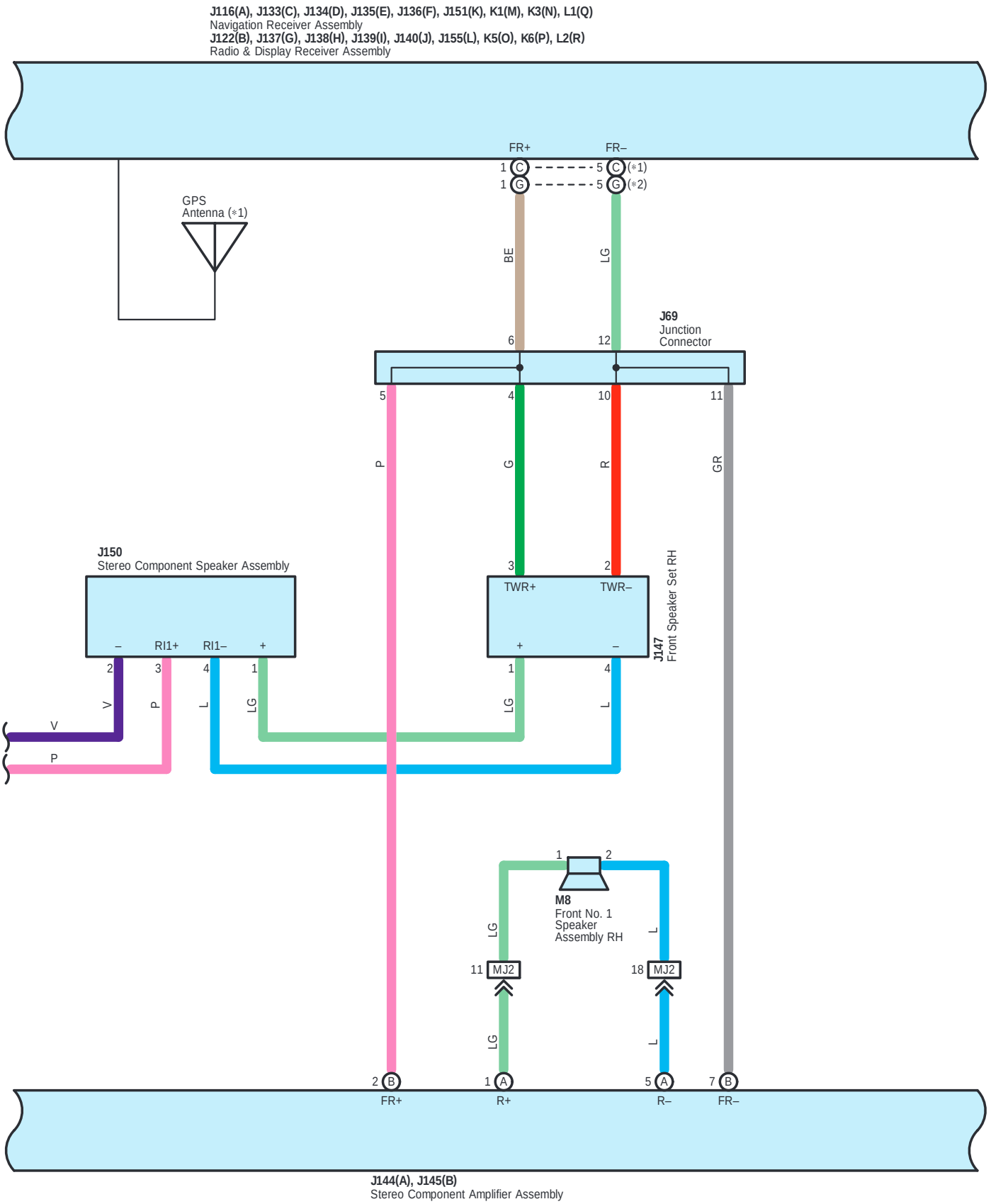


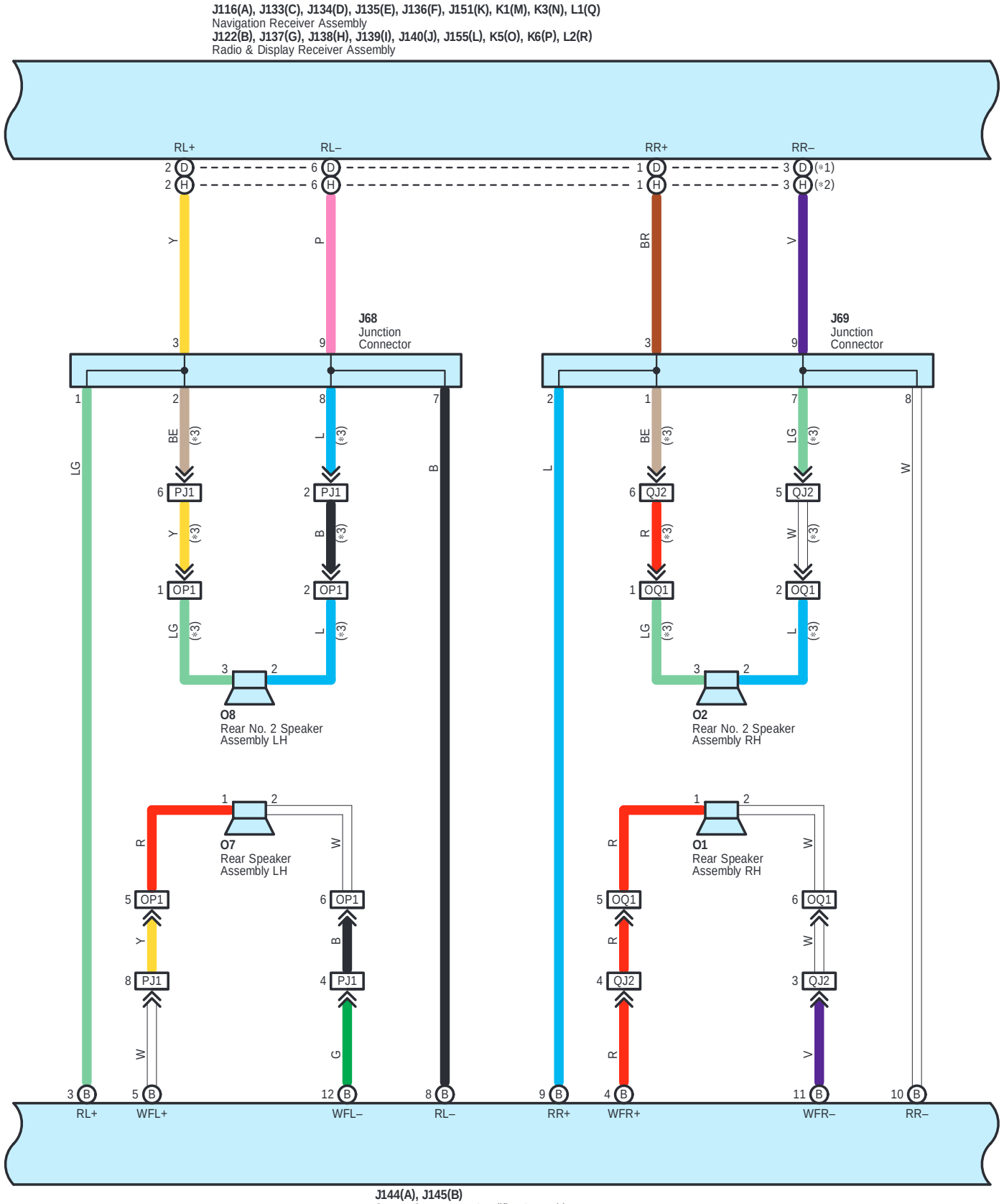
J100
Stereo Jack Adapter Assembly



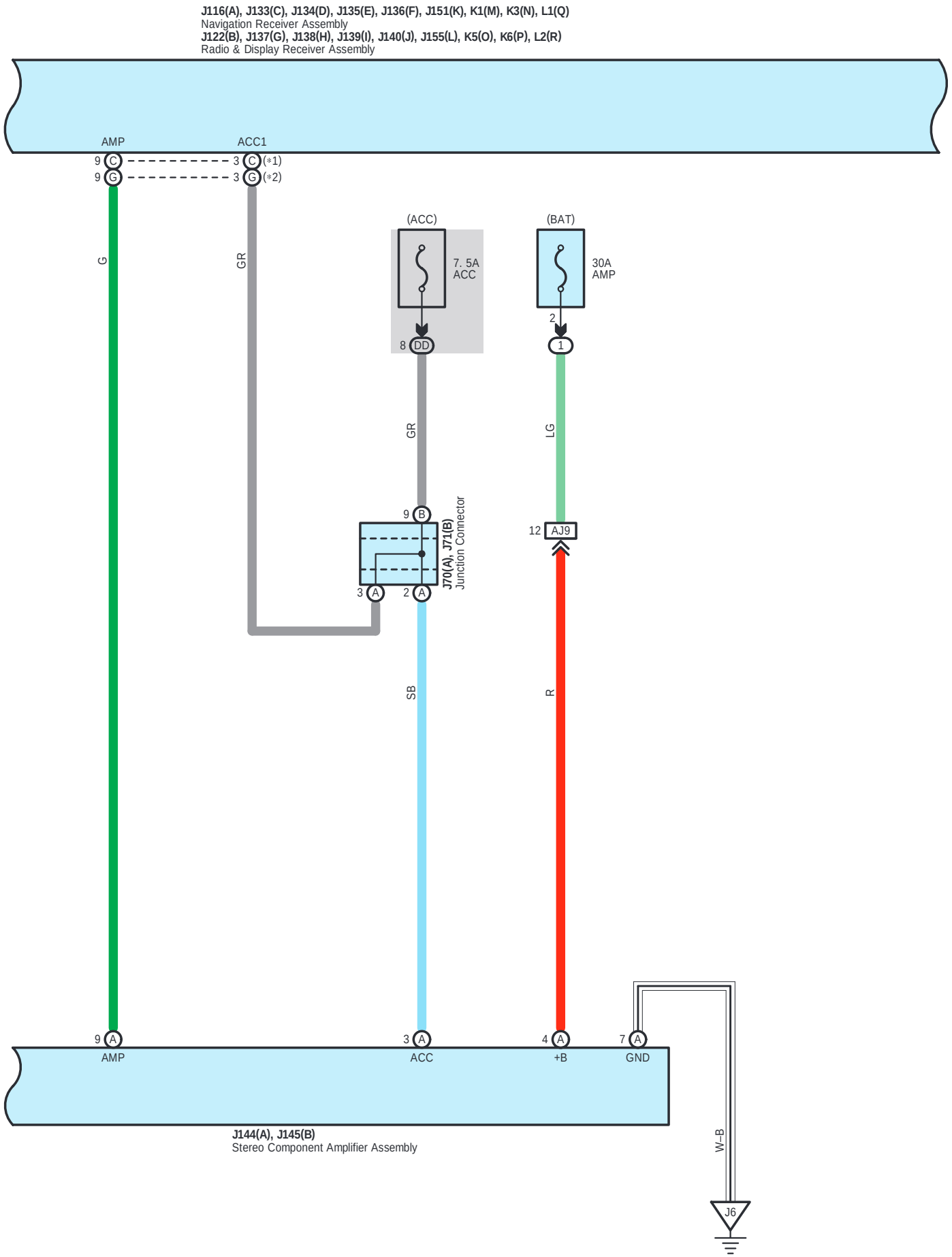
* 1 : w/ Navigation System
* 2 : w/o Navigation System

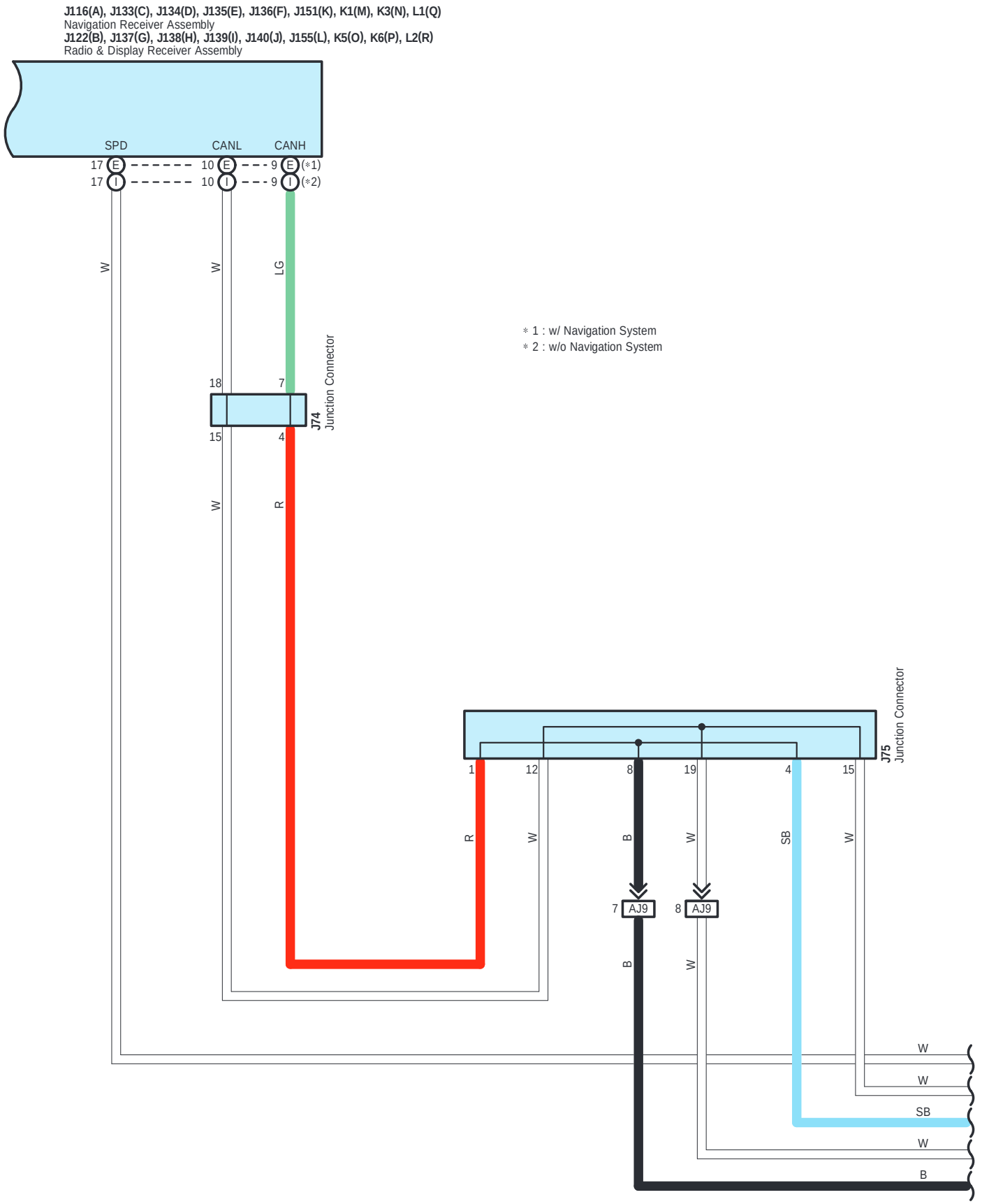
: There is no wire color information.

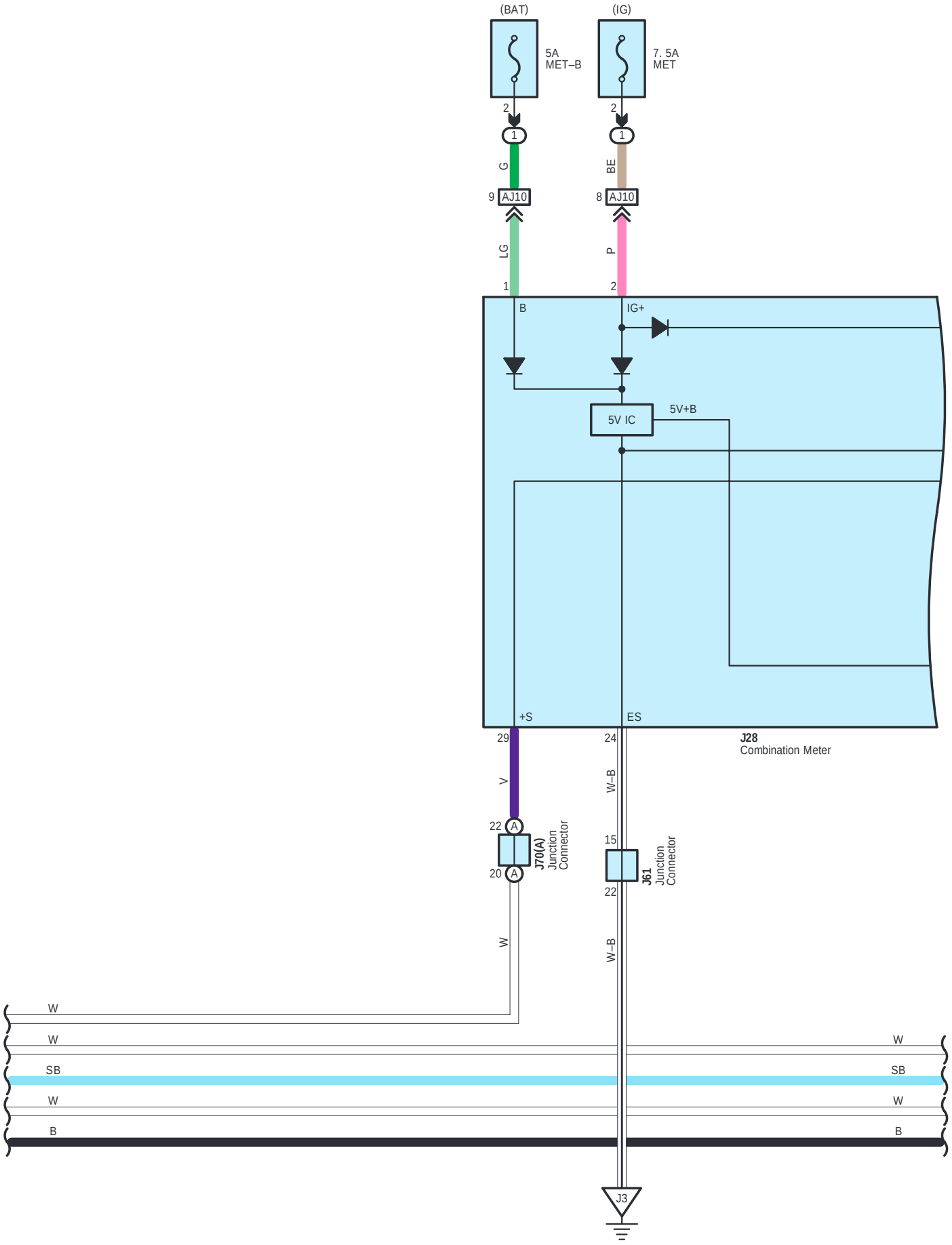

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
FR+
FR–
1 C
5 C (*1)
1 G
5 G (*2)
GPS Antenna (*1)
BE
LG
J69
Junction Connector
6
12
5
4
10
11
P
G
R
GR
J150
Stereo Component Speaker Assembly
– RI1+ RI1– +
2 3 4 1
V
P
L
LG
TWR+ TWR–
3 2
+ –
1 4
J147
Front Speaker Set RH
M8
Front No. 1 Speaker Assembly RH
1 2
11 MJ2
18 MJ2
2 B FR+
1 A R+
5 A R–
7 B FR–
J144(A), J145(B)
Stereo Component Amplifier Assembly

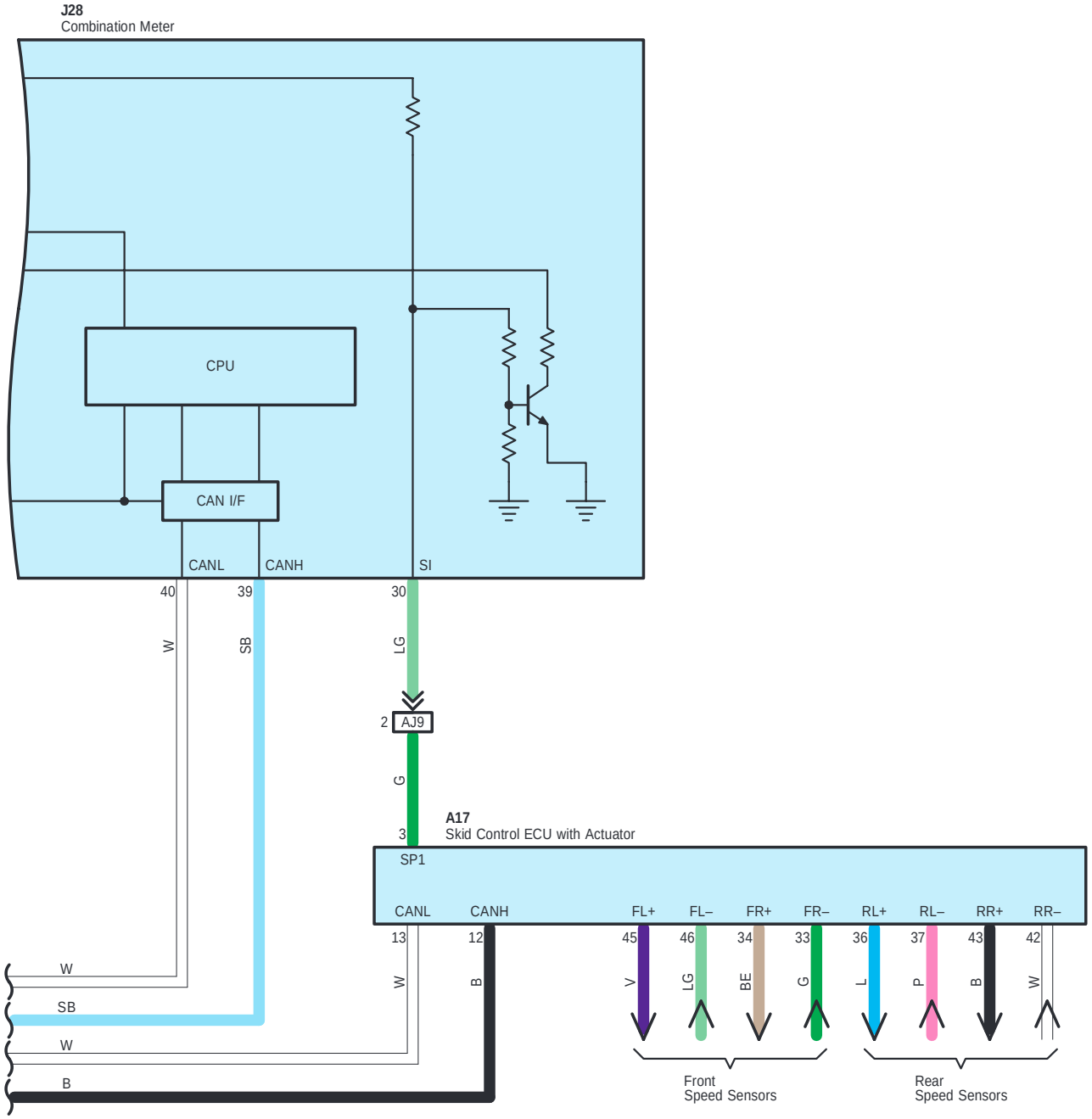


∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : 9 Speaker


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
AMP
ACC1
9 C
3 C (*1)
9 G
3 G (*2)
G
GR
(ACC)
7. 5A
ACC
8 DD
(BAT)
30A
AMP
2
1
GR
LG
9 B
J70(A), J71(B)
Junction Connector
3 A
2 A
12 AJ9
SB
R
9 A
AMP
3 A
ACC
4 A
+B
7 A
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly
W-B
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
15
4
J74
Junction Connector
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

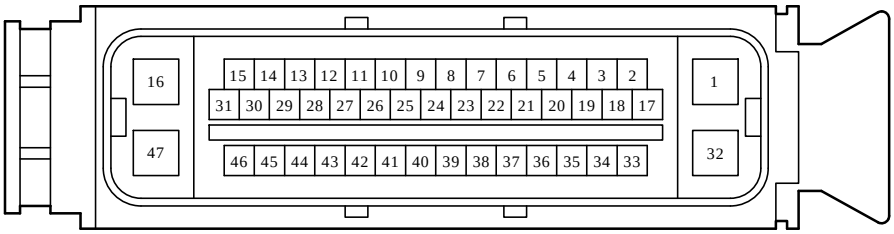

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
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G
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P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

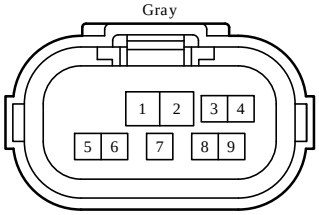
A 5
White



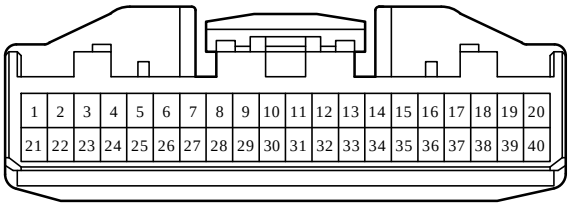
A 17
Black



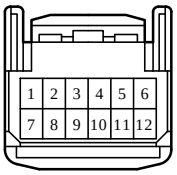
D 35
Gray



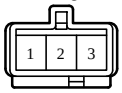
J 28
Black



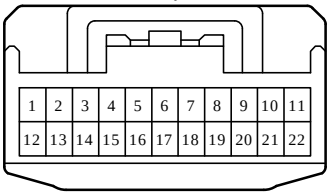
J 45
Black



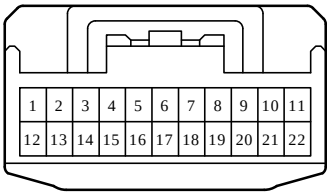
J 54
Orange



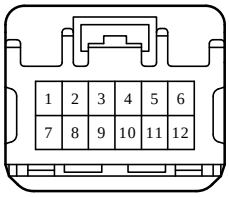
J 61
Gray



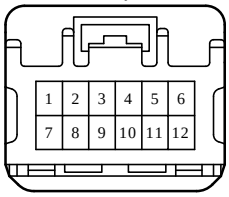
J 65
White



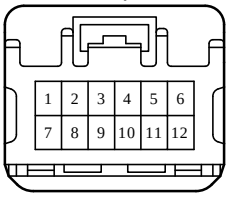
J 66
Black



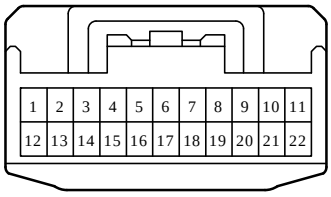
J 68
Gray



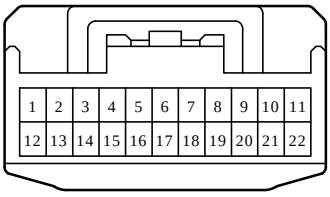
J 69
Gray



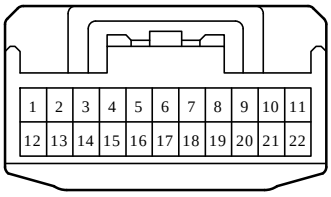
J 70
Blue



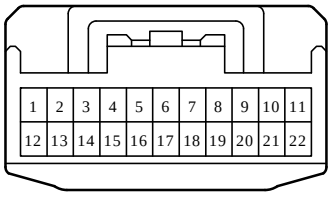
J 71
White



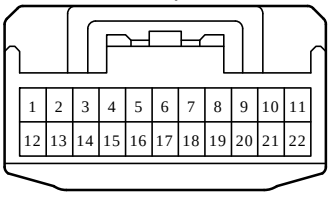
J 72
Black



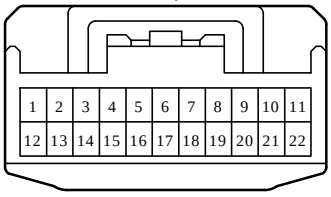
J 73
Black



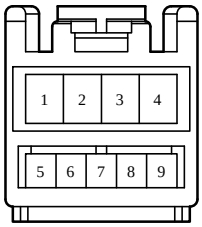
J 74
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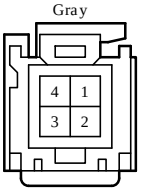
J 75
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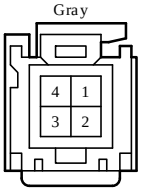
J100
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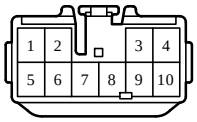
J116
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J122
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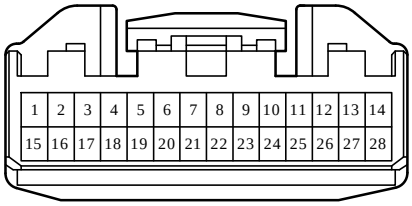
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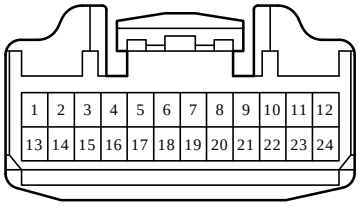
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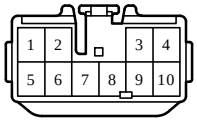
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J136
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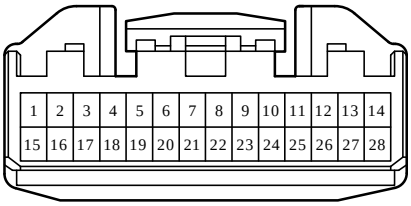
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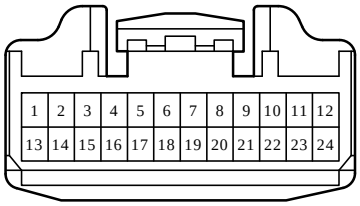
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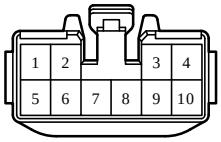
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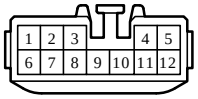
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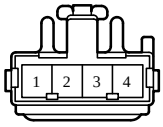
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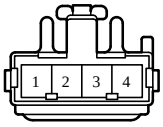
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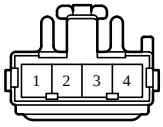
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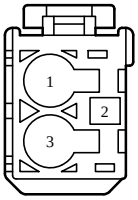
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J150
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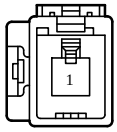
J151
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J152
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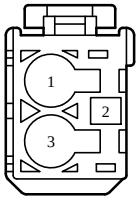
J153
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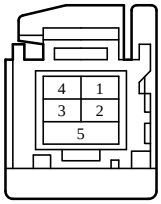
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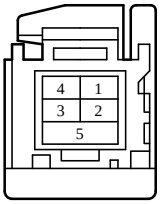
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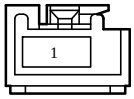
K 1
Brown



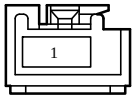
K 2
Brown



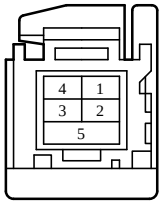
K 3
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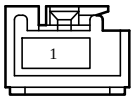
K 4
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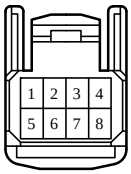
K 5
Brown



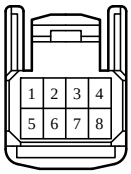
K 6
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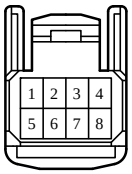
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L 2
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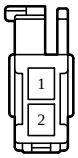
L 3
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M 8
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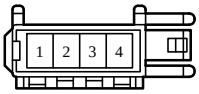
N 10
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O 1
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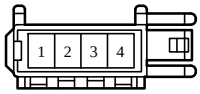
O 2
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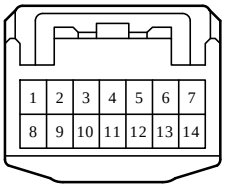
O 7
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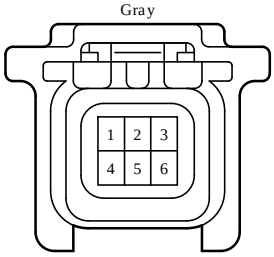
O 8
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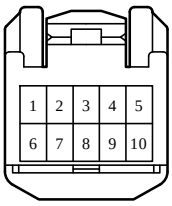
W 7
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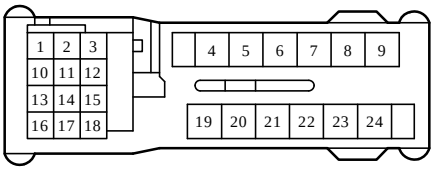
X 1
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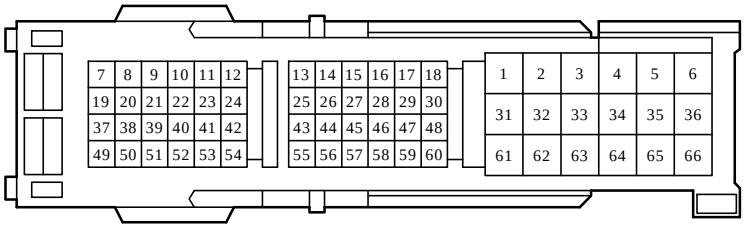
z 3
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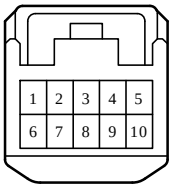
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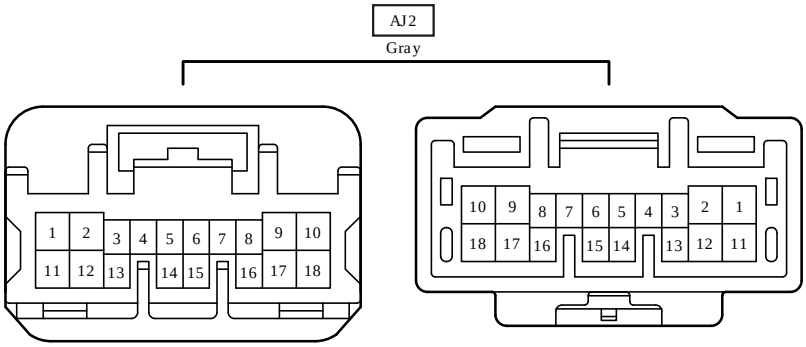
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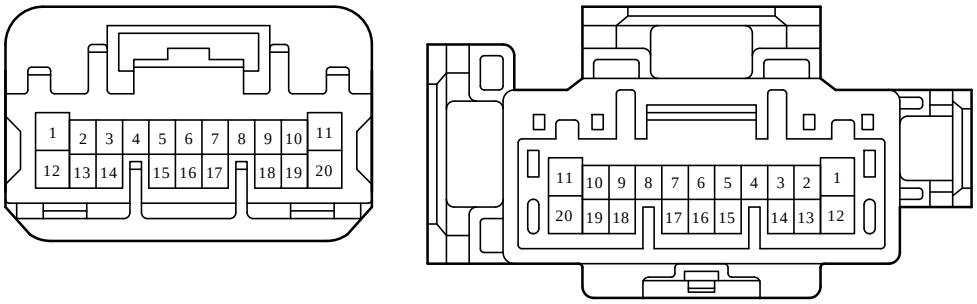
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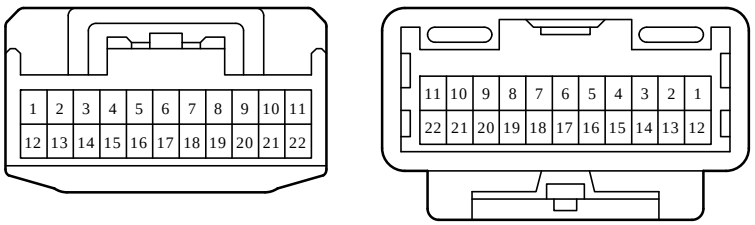
AJ2
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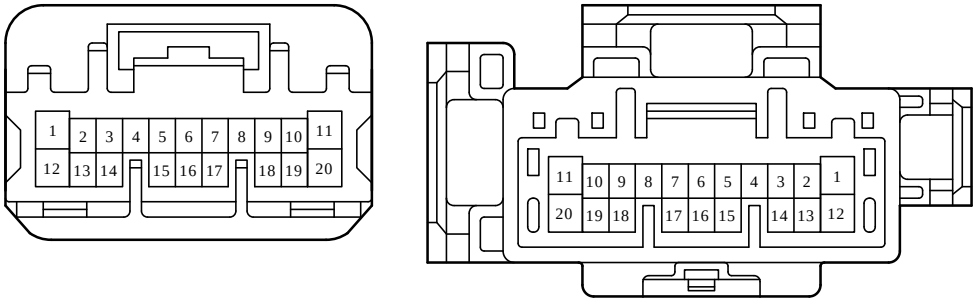
AJ4
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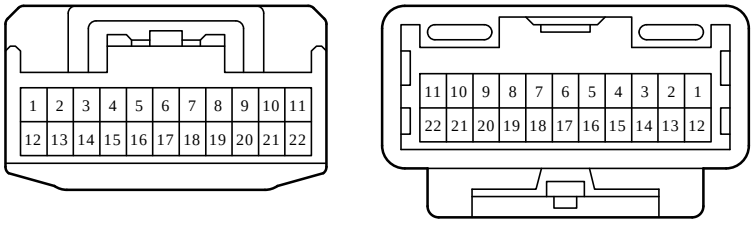
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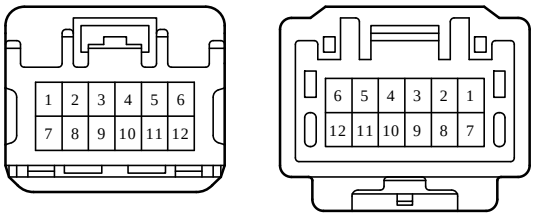
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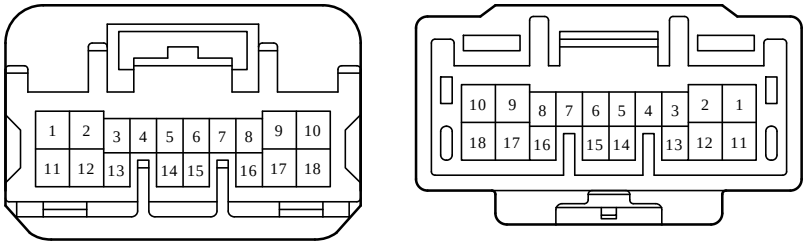
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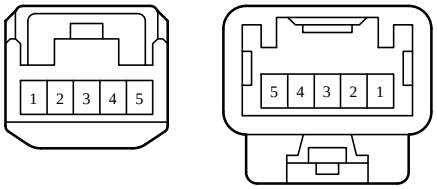
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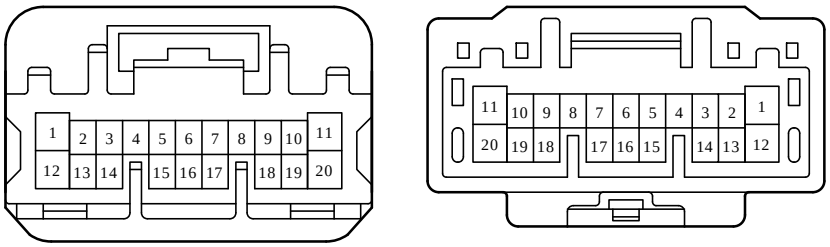
DA4
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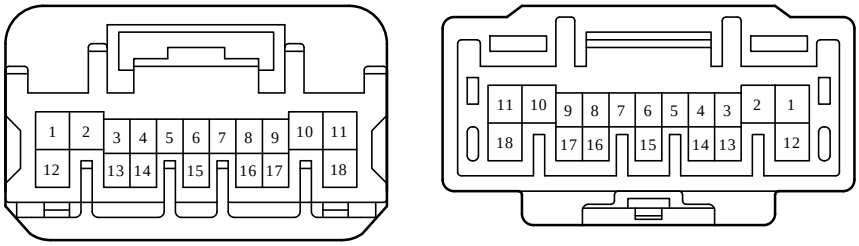
JJ2
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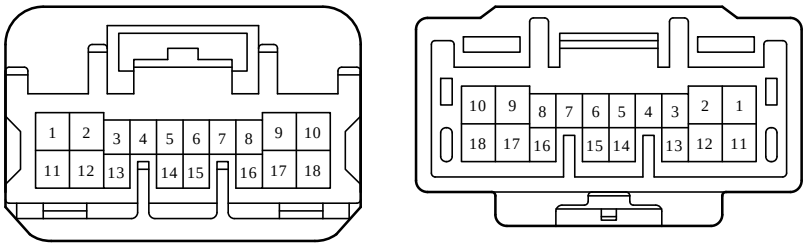
JW1
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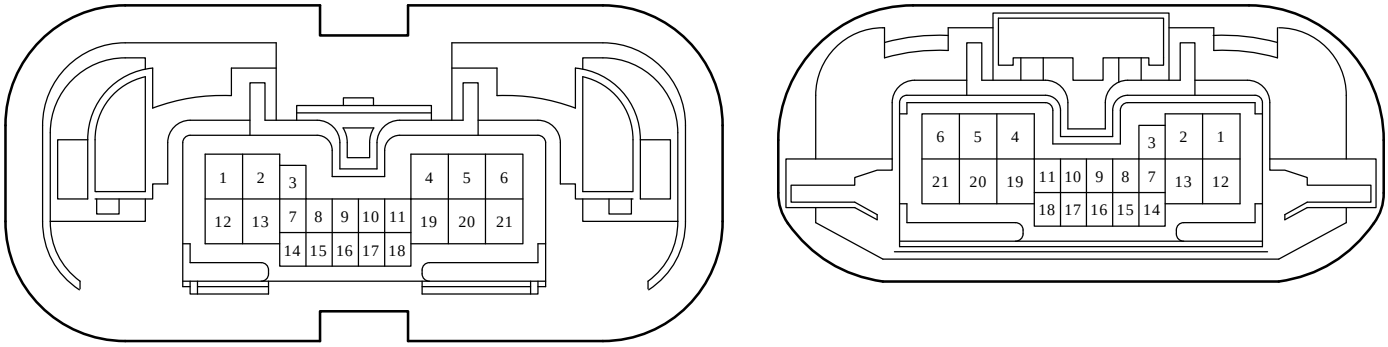
MJ2
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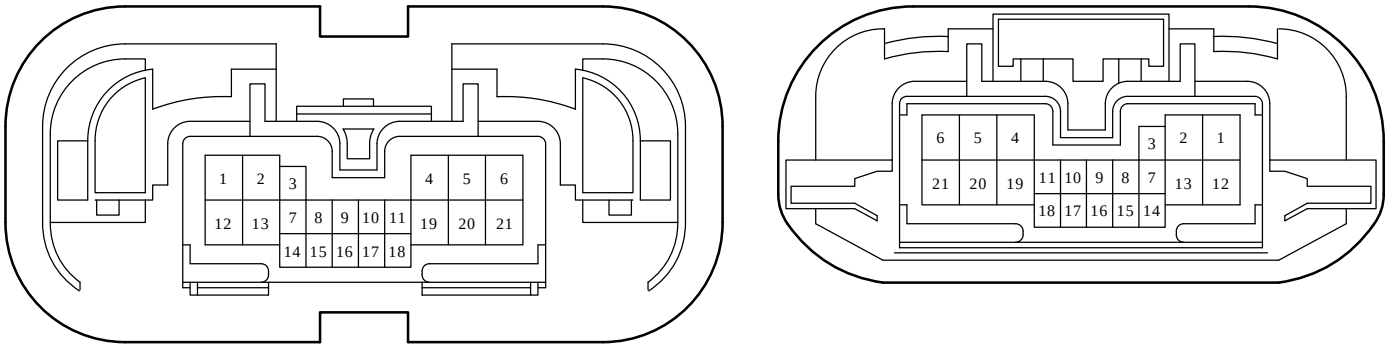
NJ3
Blue



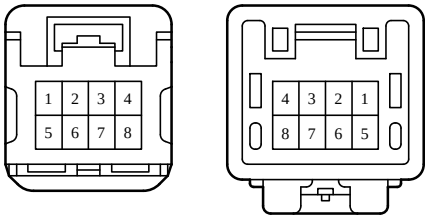
OP1
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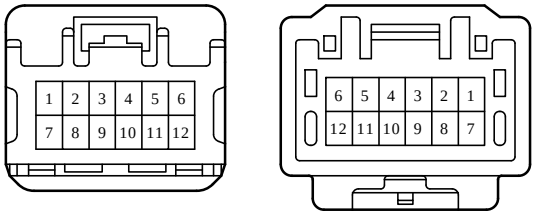
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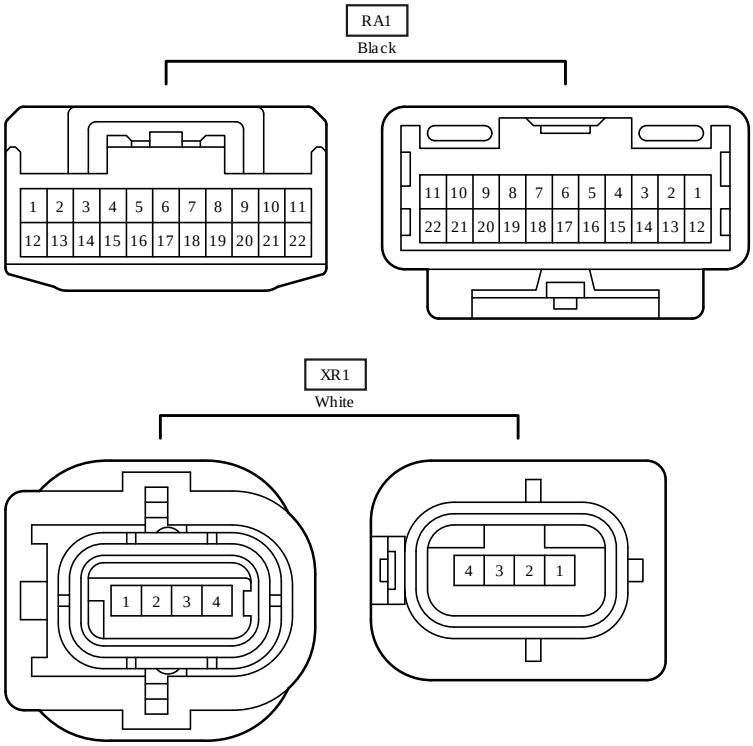


PJ1
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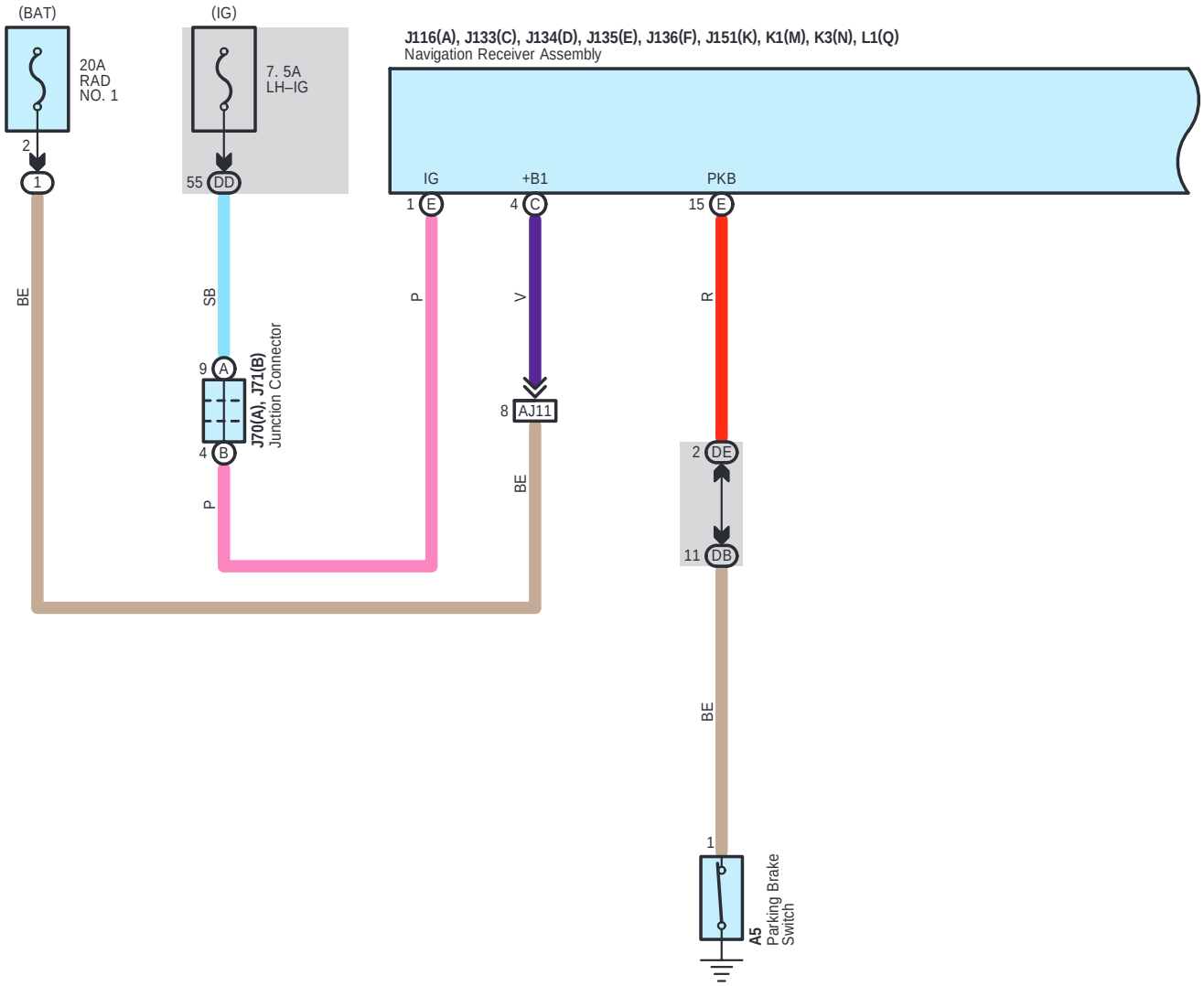


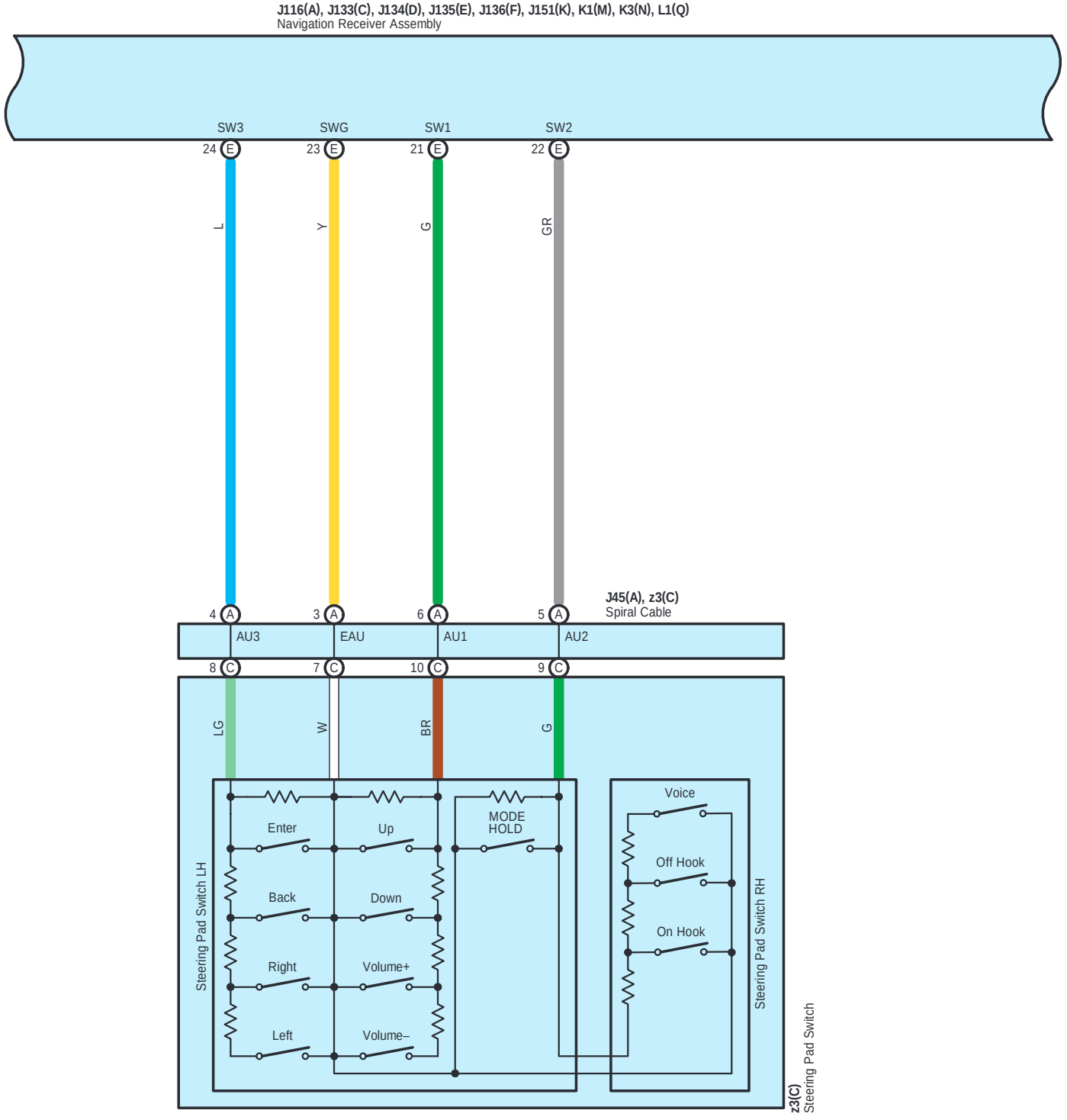
QJ2
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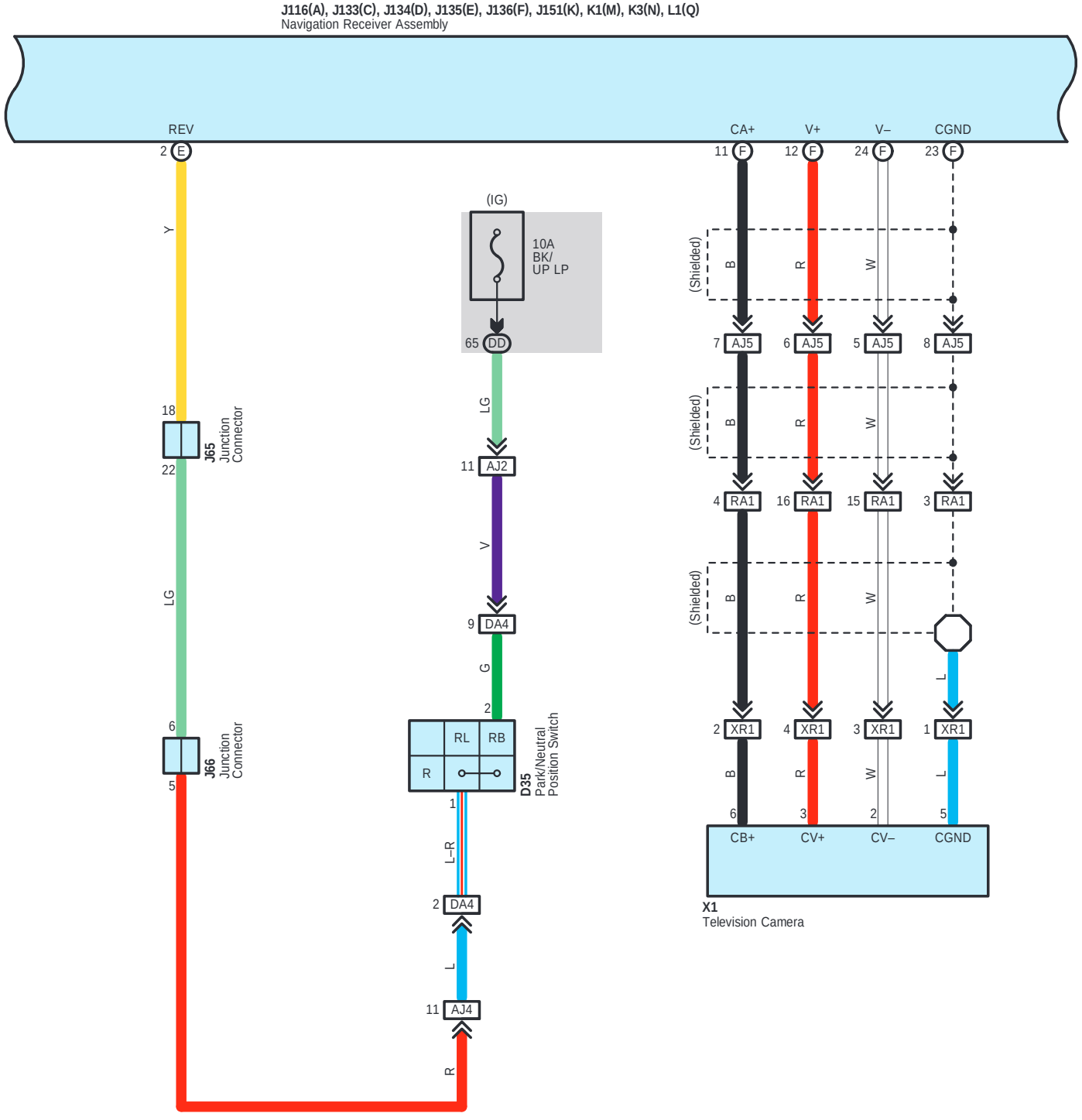


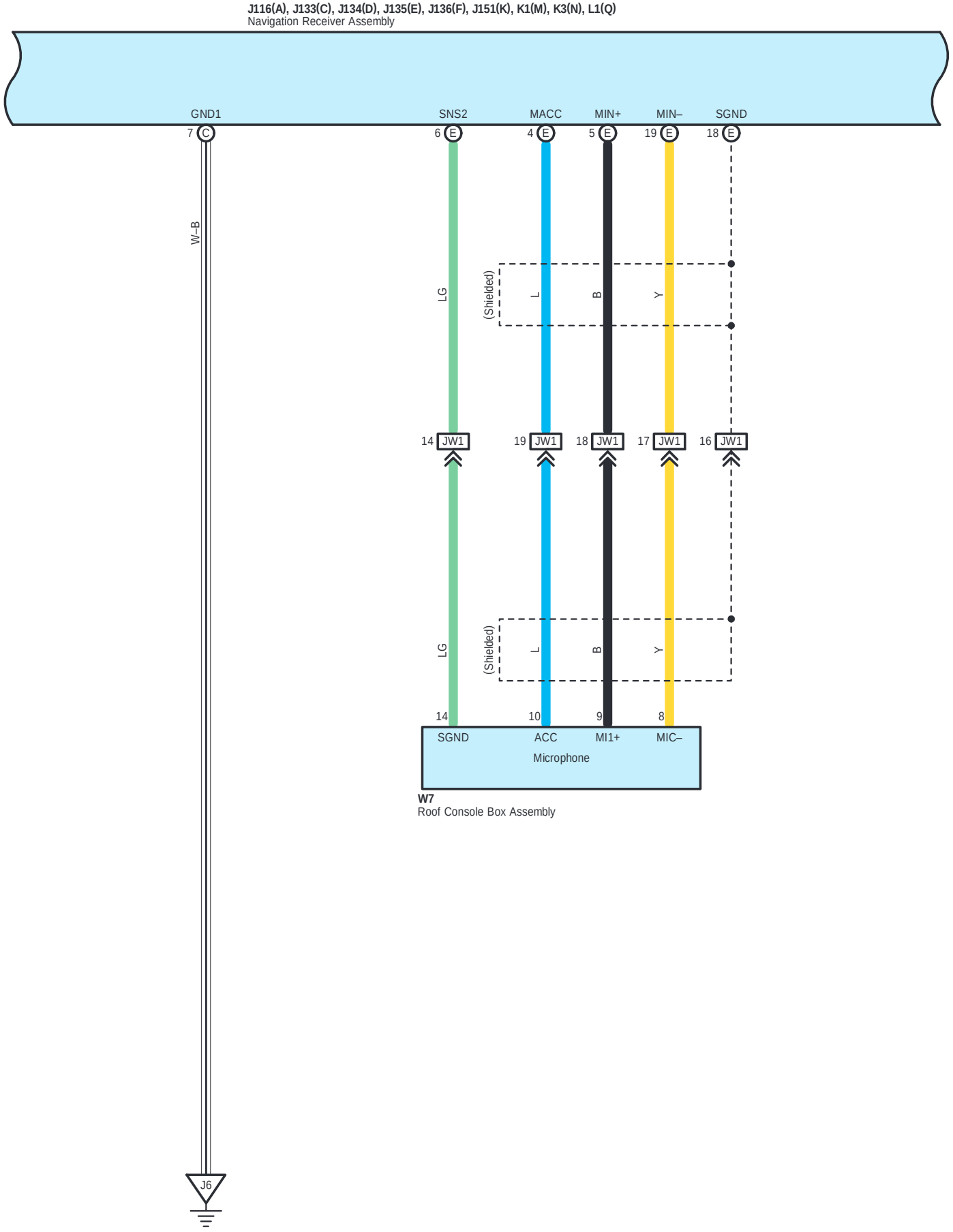

RA1
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

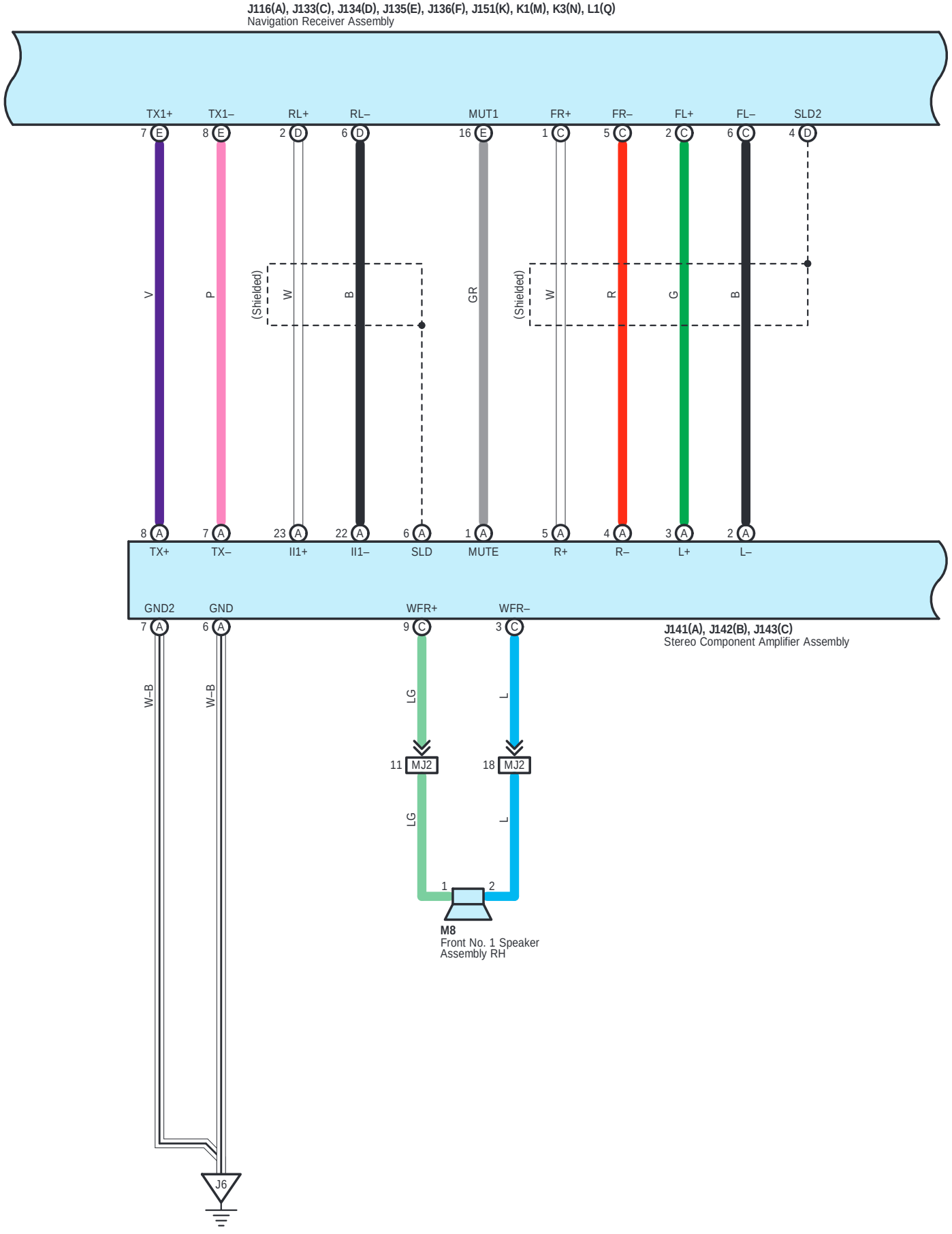
XR1
White
1 2 3 4
4 3 2 1

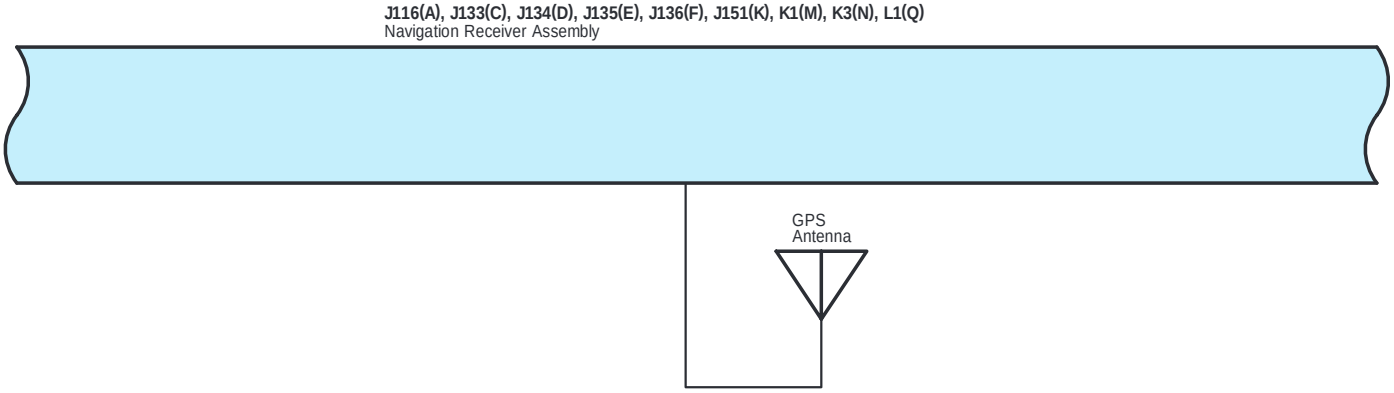

(BAT)
20A
RAD
NO. 1
2
1
BE
(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
IG
1 E
P
+B1
4 C
V
8 AJ11
BE
PKB
15 E
R
2 DE
11 DB
BE
1
A5
Parking Brake
Switch

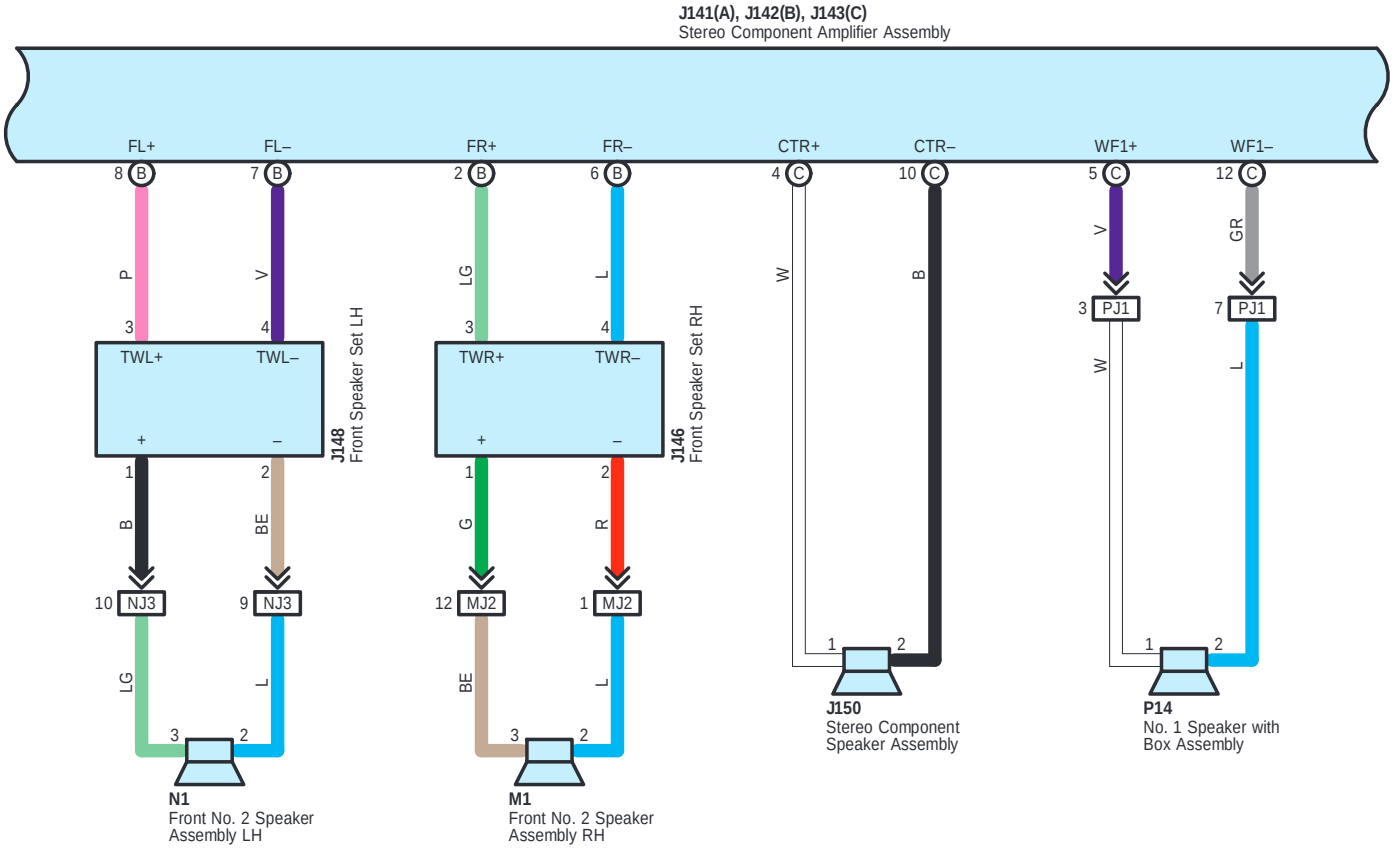

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SW3
SWG
SW1
SW2
24 E
23 E
21 E
22 E
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch

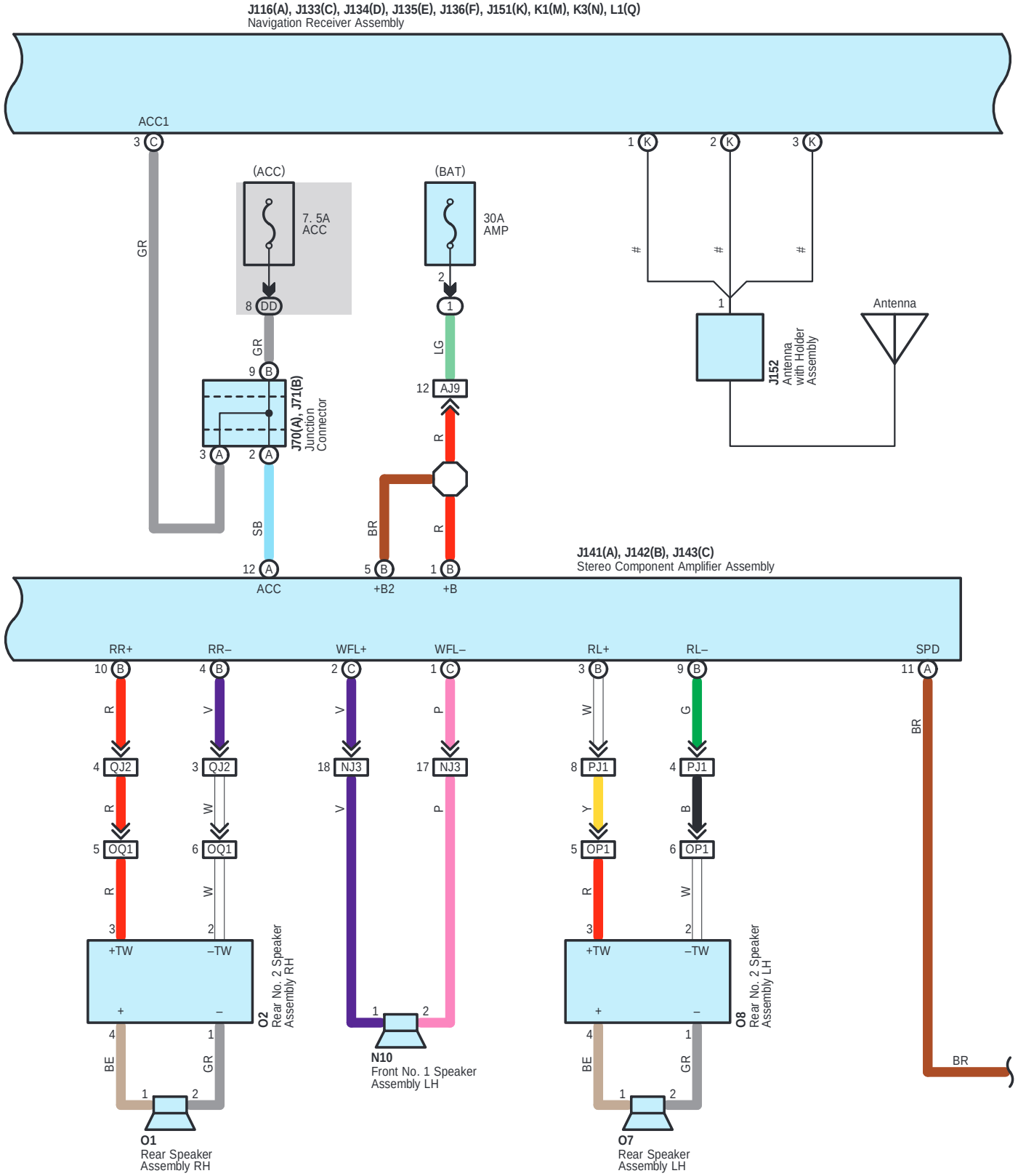

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
REV
2 E
Y
18
J65 Junction Connector
22
LG
6
J66 Junction Connector
5
(IG)
10A BK/ UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
L–R
2 DA4
L
11 AJ4
R
CA+
V+
V–
CGND
11 F
12 F
24 F
23 F
(Shielded)
B
R
W
7 AJ5
6 AJ5
5 AJ5
8 AJ5
4 RA1
16 RA1
15 RA1
3 RA1
L
2 XR1
4 XR1
3 XR1
1 XR1
6
3
2
5
CB+
CV+
CV–
CGND
X1
Television Camera

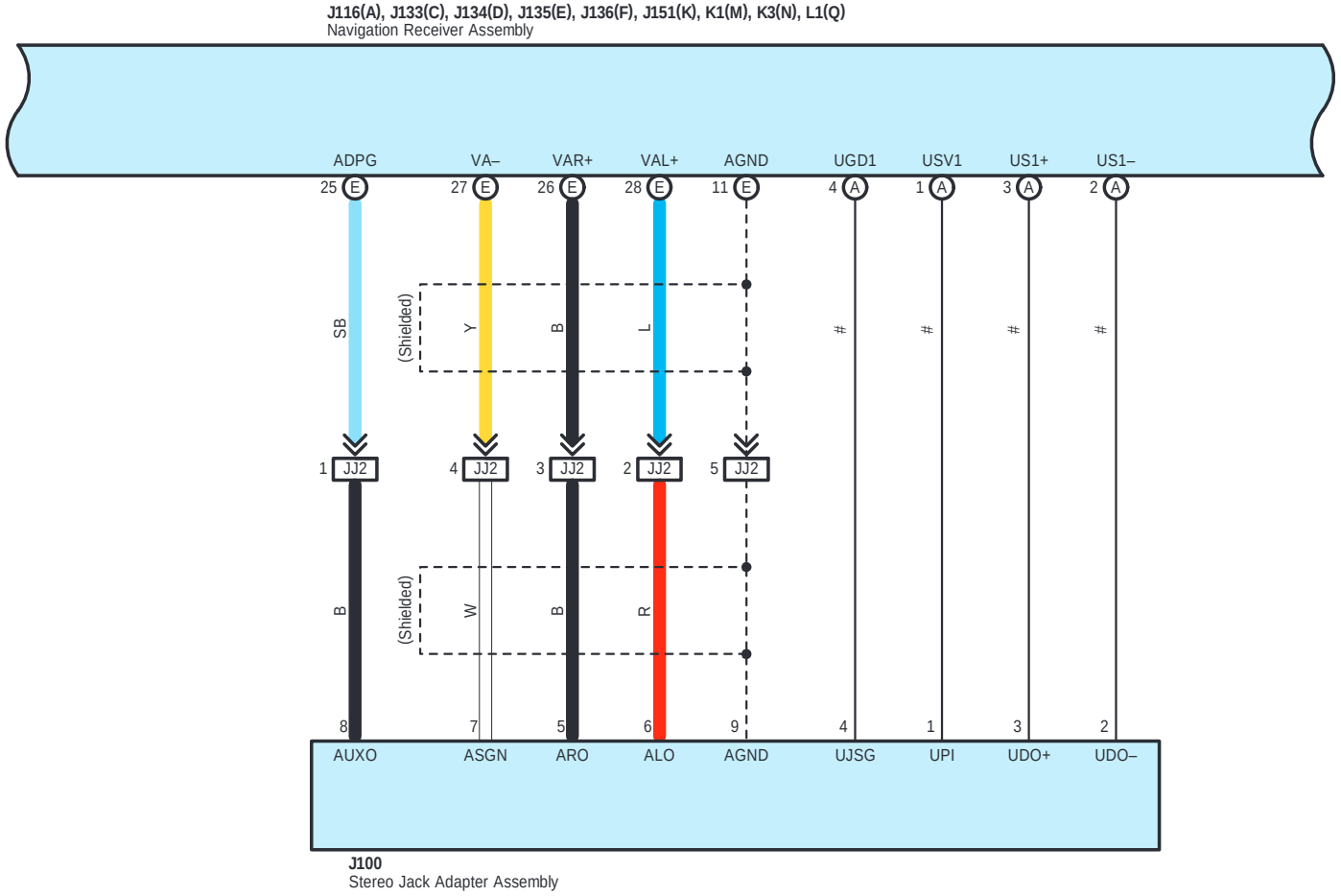

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 C
6 E
4 E
5 E
19 E
18 E
W–B
LG
(Shielded)
L
B
Y
14 JW1
19 JW1
18 JW1
17 JW1
16 JW1
LG
(Shielded)
L
B
Y
14
10
9
8
SGND
ACC
MI1+
MIC–
Microphone
W7
Roof Console Box Assembly
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
TX1+
TX1–
RL+
RL–
MUT1
FR+
FR–
FL+
FL–
SLD2
7 E
8 E
2 D
6 D
16 E
1 C
5 C
2 C
6 C
4 D
V
P
(Shielded)
W
B
GR
(Shielded)
W
R
G
B
8 A
7 A
23 A
22 A
6 A
1 A
5 A
4 A
3 A
2 A
TX+
TX–
II1+
II1–
SLD
MUTE
R+
R–
L+
L–
GND2
GND
WFR+
WFR–
7 A
6 A
9 C
3 C
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
W–B
W–B
LG
L
11 MJ2
18 MJ2
LG
L
1
2
M8
Front No. 1 Speaker
Assembly RH
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GPS
Antenna

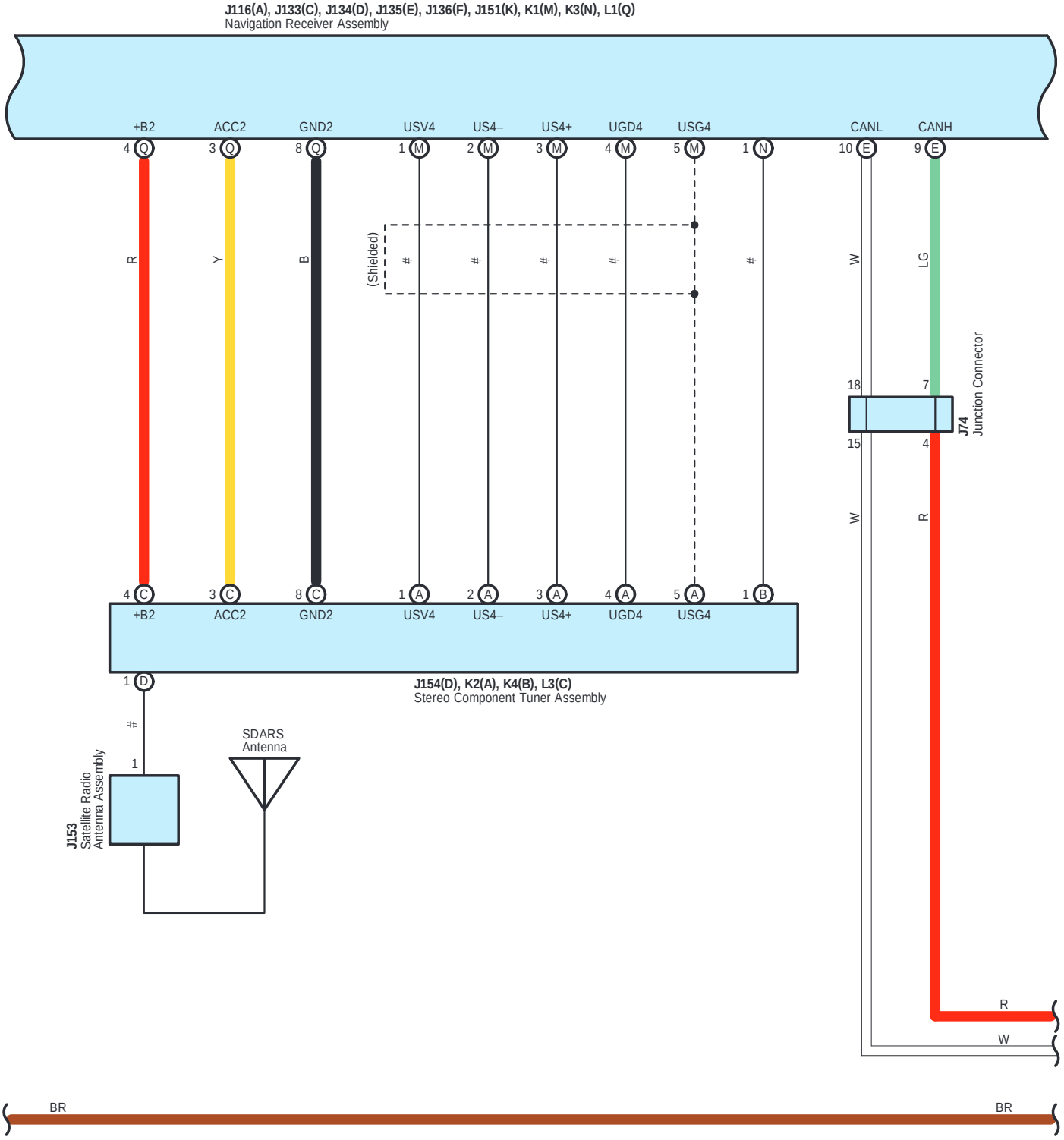

J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
FL+
FL–
FR+
FR–
CTR+
CTR–
WF1+
WF1–
TWL+
TWL–
TWR+
TWR–
J148
Front Speaker Set LH
J146
Front Speaker Set RH
NJ3
MJ2
PJ1
N1
Front No. 2 Speaker Assembly LH
M1
Front No. 2 Speaker Assembly RH
J150
Stereo Component Speaker Assembly
P14
No. 1 Speaker with Box Assembly


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
ACC1
3 C
GR
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction
Connector
3 A
2 A
SB
12 A
ACC
(BAT)
30A
AMP
2
1
LG
12 AJ9
R
BR
R
5 B
+B2
1 B
+B
1 K
2 K
3 K
#
#
#
1
J152
Antenna
with Holder
Assembly
Antenna
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
RR+
RR–
WFL+
WFL–
RL+
RL–
SPD
10 B
4 B
2 C
1 C
3 B
9 B
11 A
R
V
V
P
W
G
BR
4 QJ2
3 QJ2
18 NJ3
17 NJ3
8 PJ1
4 PJ1
R
W
V
P
Y
B
5 OQ1
6 OQ1
5 OP1
6 OP1
R
W
R
W
3
2
3
2
+TW
–TW
+TW
–TW
+
–
+
–
O2
Rear No. 2 Speaker
Assembly RH
O8
Rear No. 2 Speaker
Assembly LH
4
1
1
2
4
1
1
2
BE
GR
BE
GR
1
2
1
2
O1
Rear Speaker
Assembly RH
N10
Front No. 1 Speaker
Assembly LH
O7
Rear Speaker
Assembly LH
BR

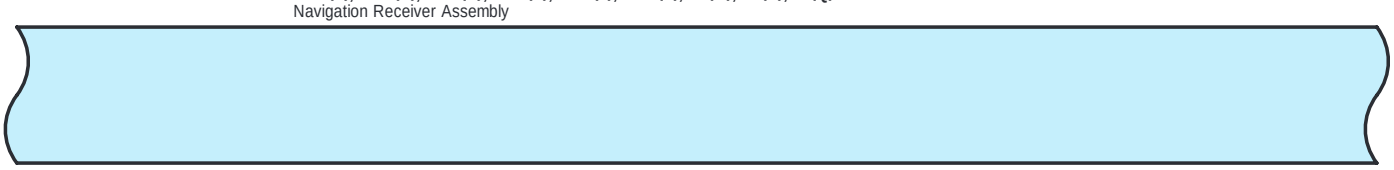




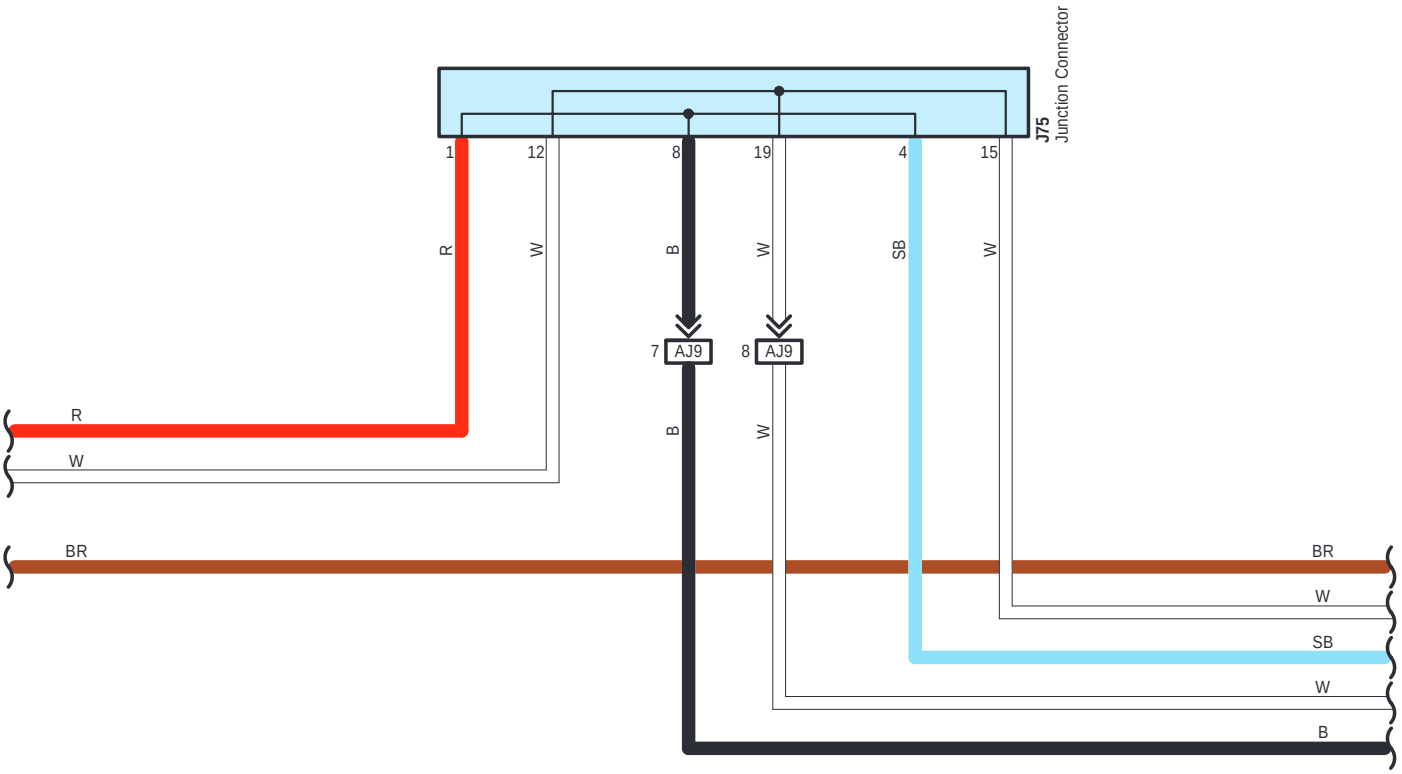
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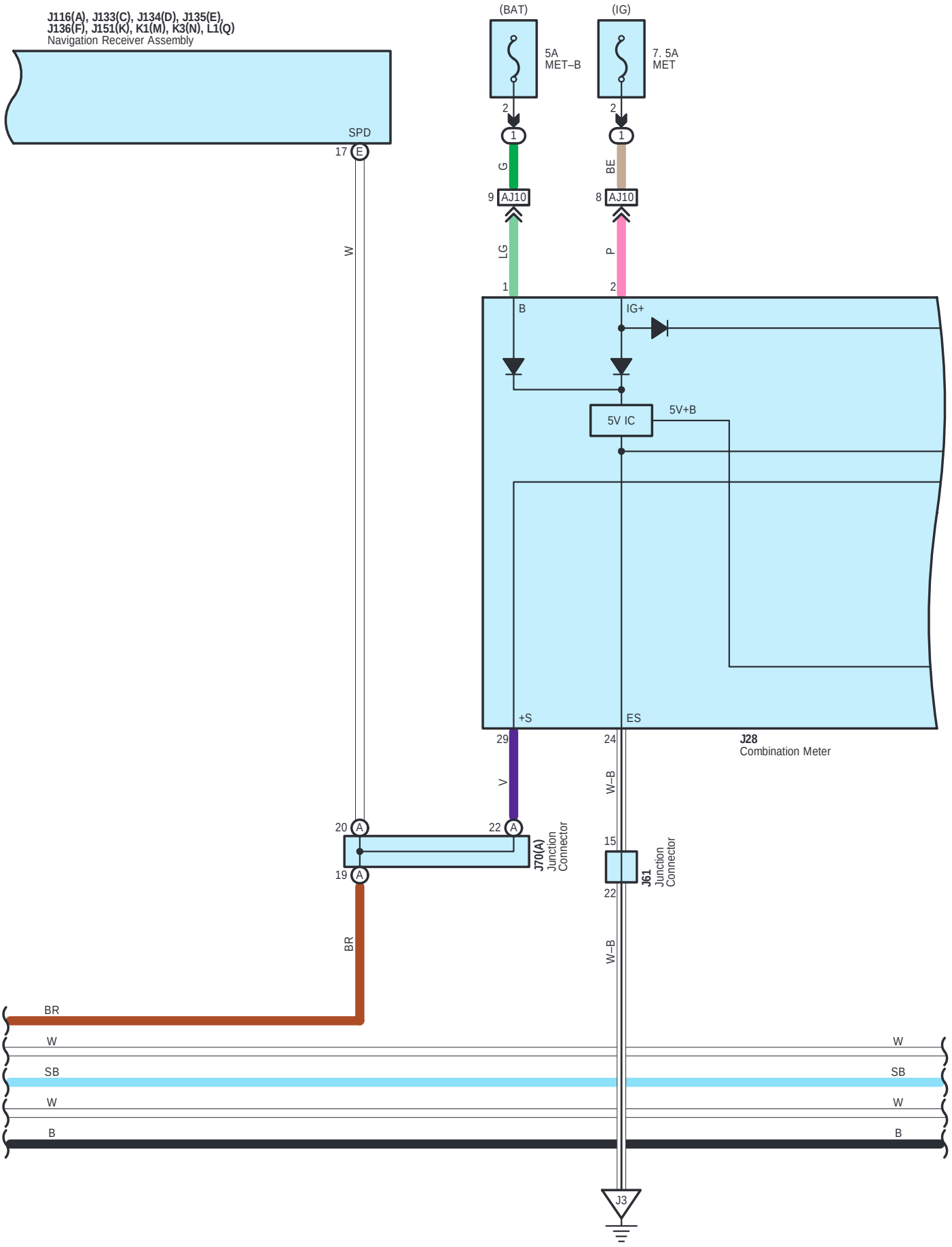

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
+B2
ACC2
GND2
USV4
US4–
US4+
UGD4
USG4
CANL
CANH
4 Q
3 Q
8 Q
1 M
2 M
3 M
4 M
5 M
1 N
10 E
9 E
R
Y
B
(Shielded)
#
W
LG
18
7
15
4
J74
Junction Connector
4 C
3 C
8 C
1 A
2 A
3 A
4 A
5 A
1 B
J154(D), K2(A), K4(B), L3(C)
Stereo Component Tuner Assembly
1 D
SDARS
Antenna
J153
Satellite Radio
Antenna Assembly
R
W
BR
BR

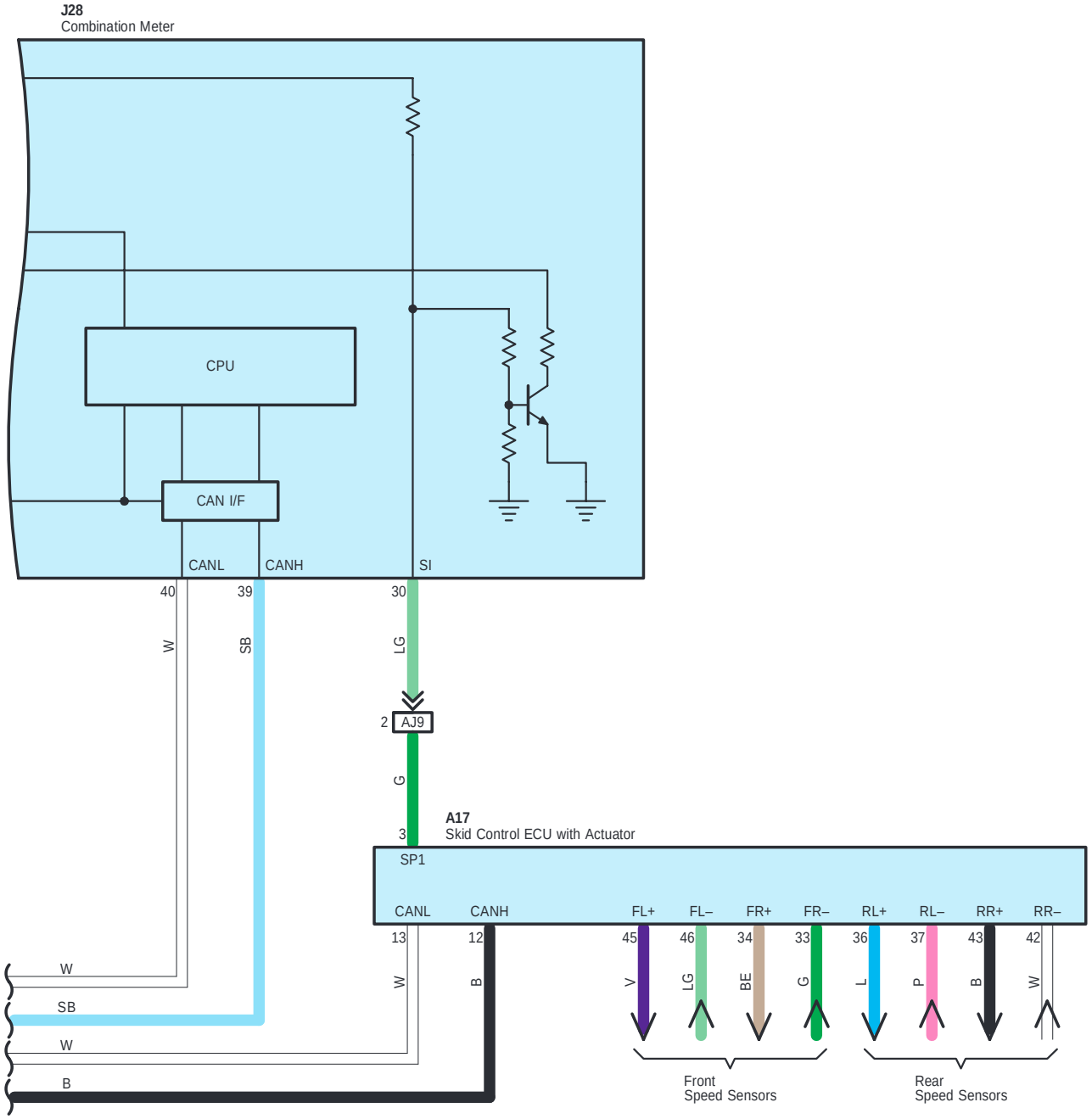
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly



: There is no wire color information.



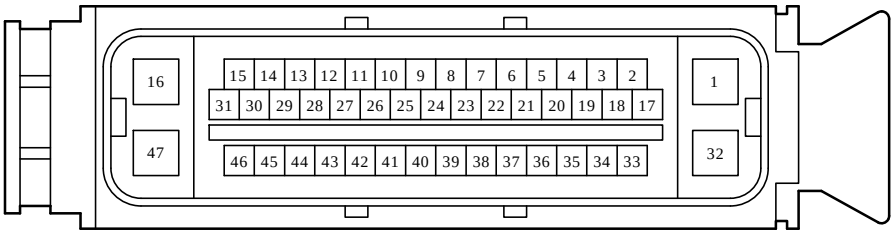

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SPD
17 E
W
(BAT)
5A MET–B
2
1
G
9 AJ10
LG
1
(IG)
7. 5A MET
2
1
BE
8 AJ10
P
2
B
IG+
5V IC
5V+B
+S
ES
29
V
24
W–B
J28
Combination Meter
20 A
22 A
19 A
J70(A) Junction Connector
15
22
J61 Junction Connector
BR
W–B
BR
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

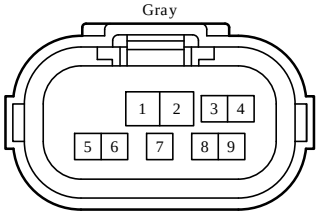
A 5
White



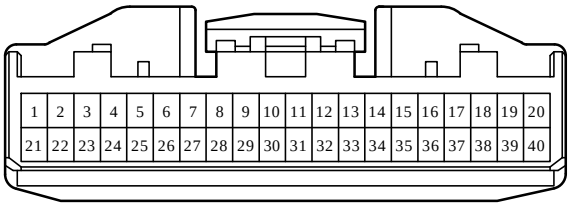
A 17
Black



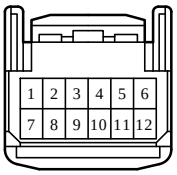
D 35
Gray



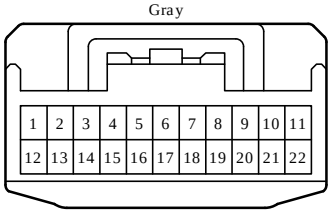
J 28
Black



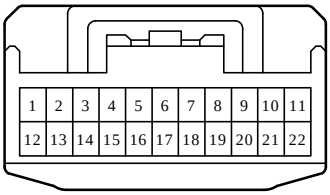
J 45
Black



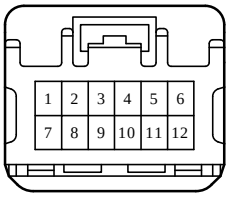
J 61
Gray



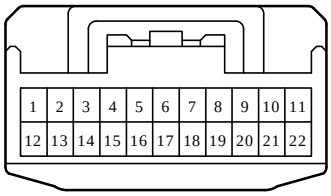
J 65
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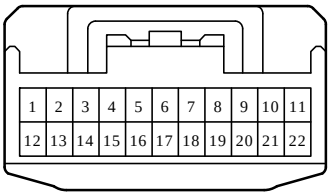
J 66
Black



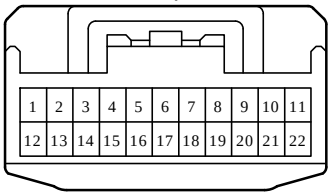
J 70
Blue



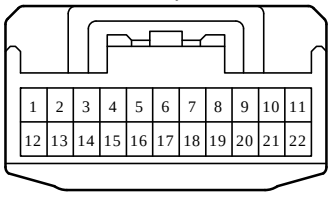
J 71
White



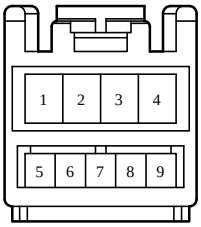
J 74
Gray



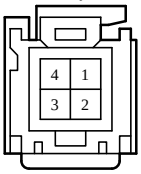
J 75
Gray



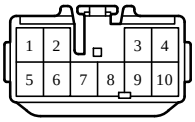
J100
Black



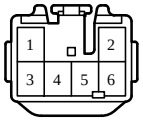
J116
Gray



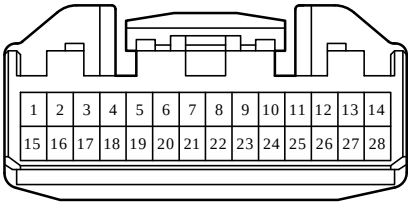
J133
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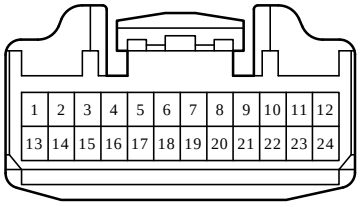
J134
White



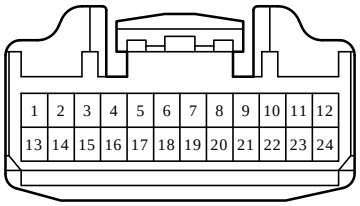
J135
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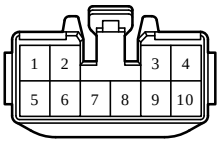
J136
White



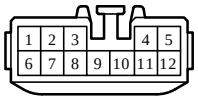
J141
White



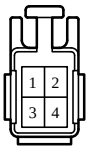
J142
White



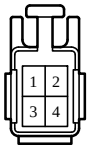
J143
White



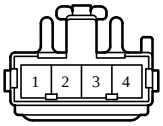
J146
White



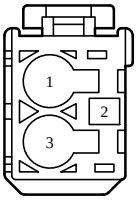
J148
White



J150
White



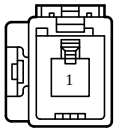
J151
White



J152
Gray



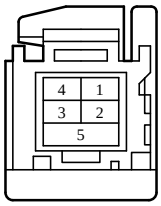
J153
Blue



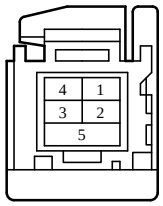
J154
Black



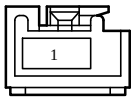
K 1
Brown



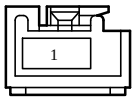
K 2
Brown



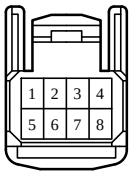
K 3
White



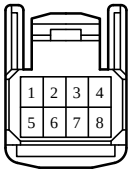
K 4
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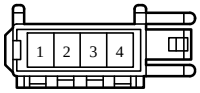
L 1
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L 3
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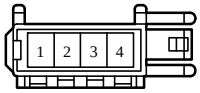
M 1
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M 8
White



N 1
White



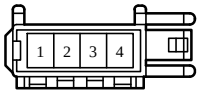
N 10
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O 1
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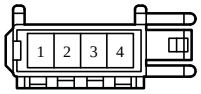
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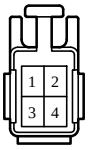
O 7
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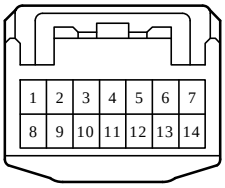
O 8
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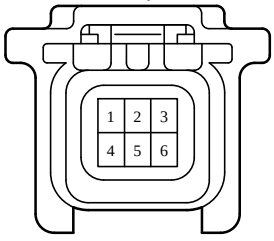
P 14
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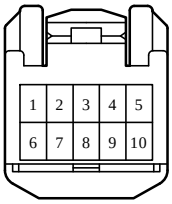
W 7
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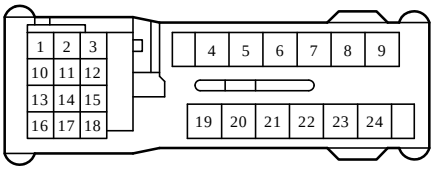
X 1
Gray



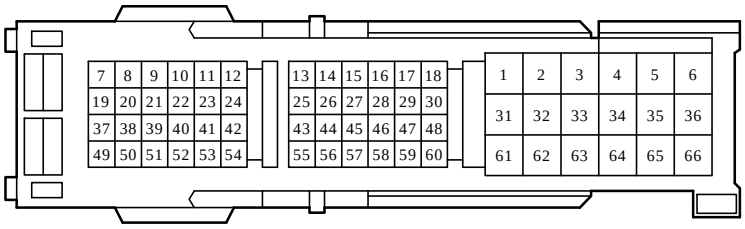
z 3
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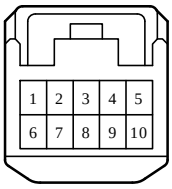
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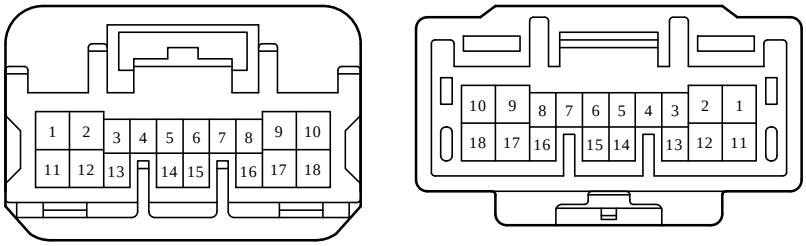
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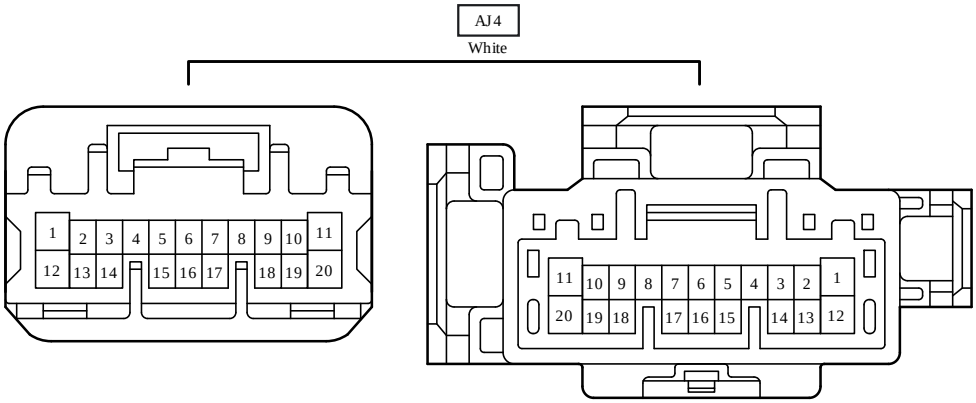
DE
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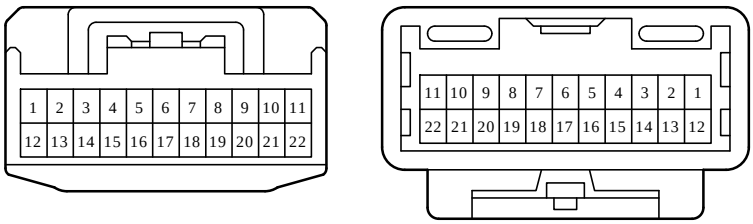
AJ2
Gray



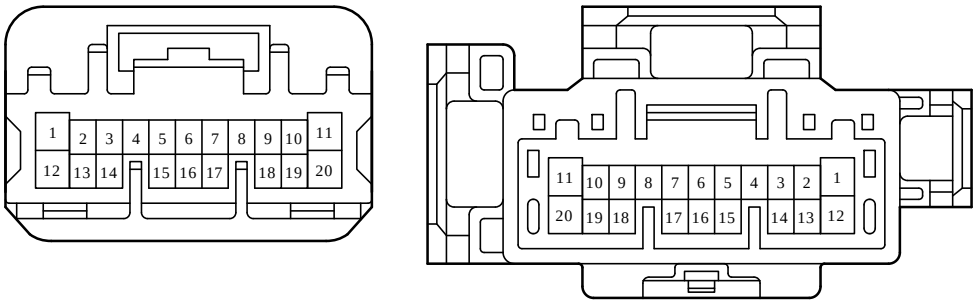
AJ4
White



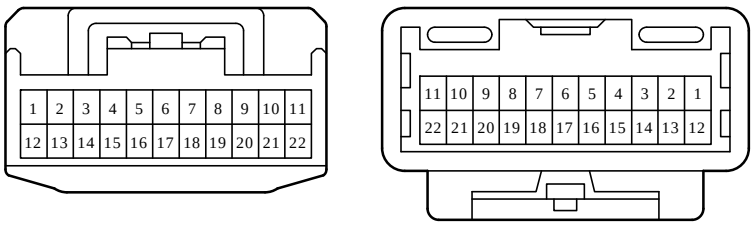
AJ5
Gray



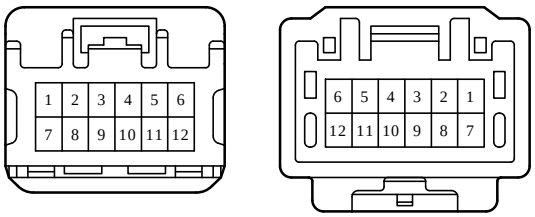
AJ9
White



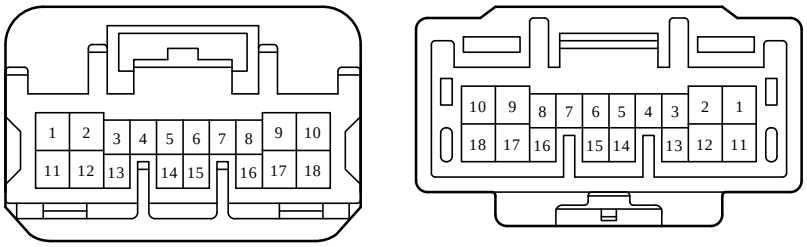
AJ10
Gray



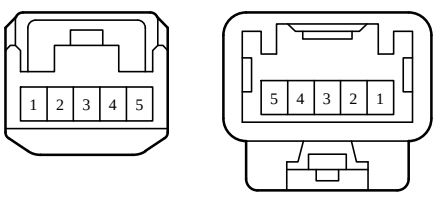
AJ11
Gray



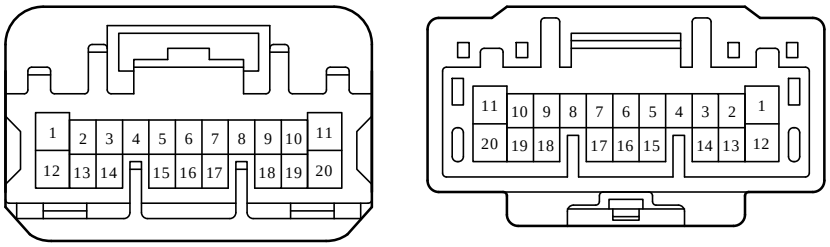
DA4
Gray



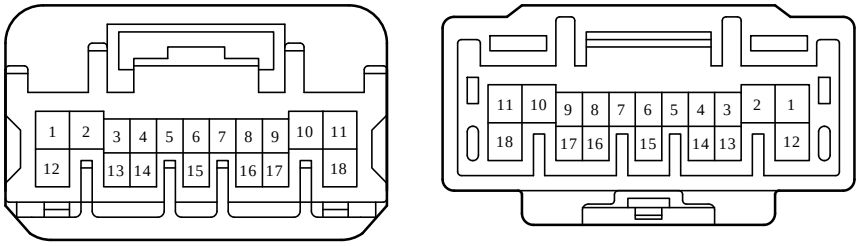
JJ2
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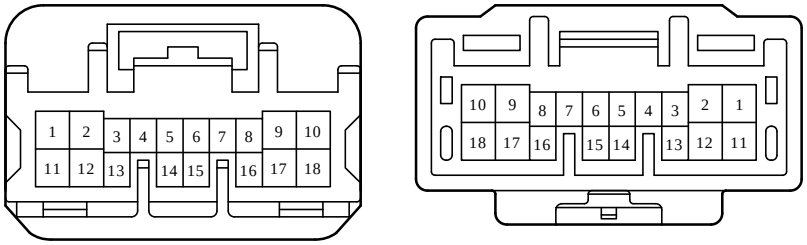
JW1
White



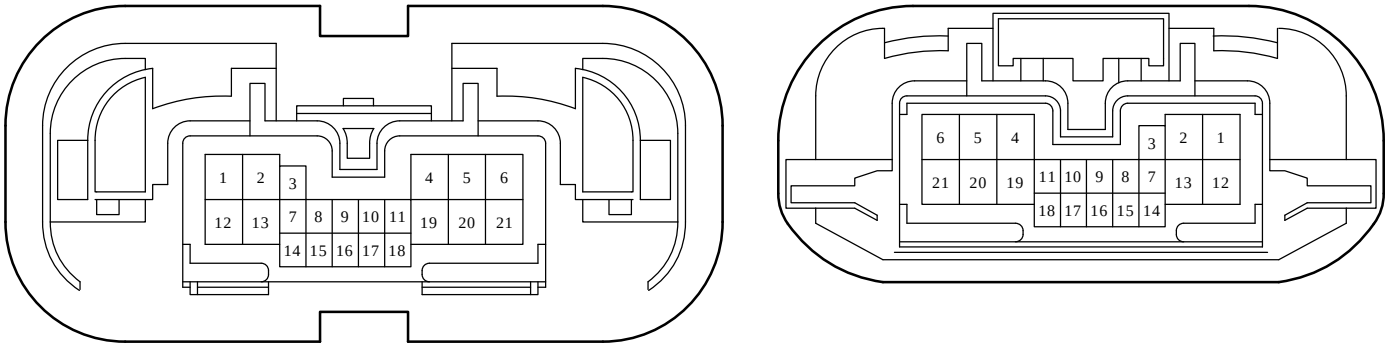
MJ2
Blue



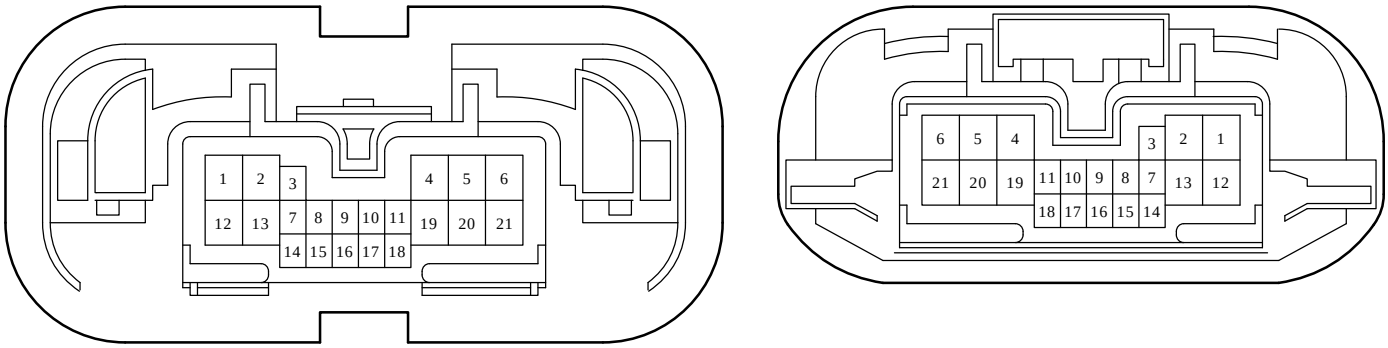
NJ3
Blue



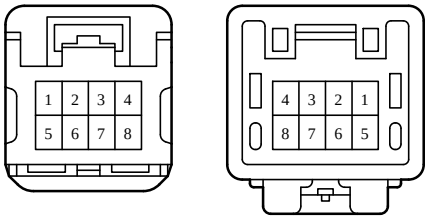
OP1
White



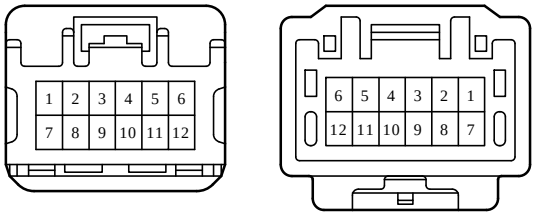
OQ1
White



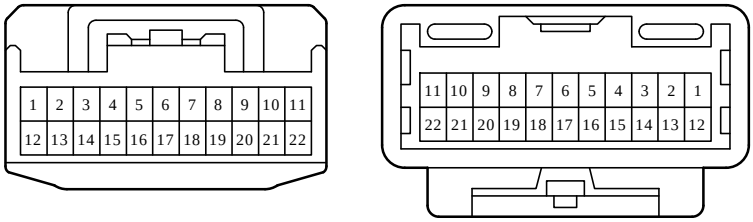
PJ1
Black



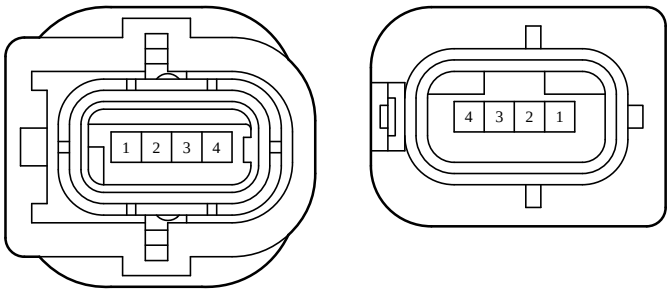
QJ2
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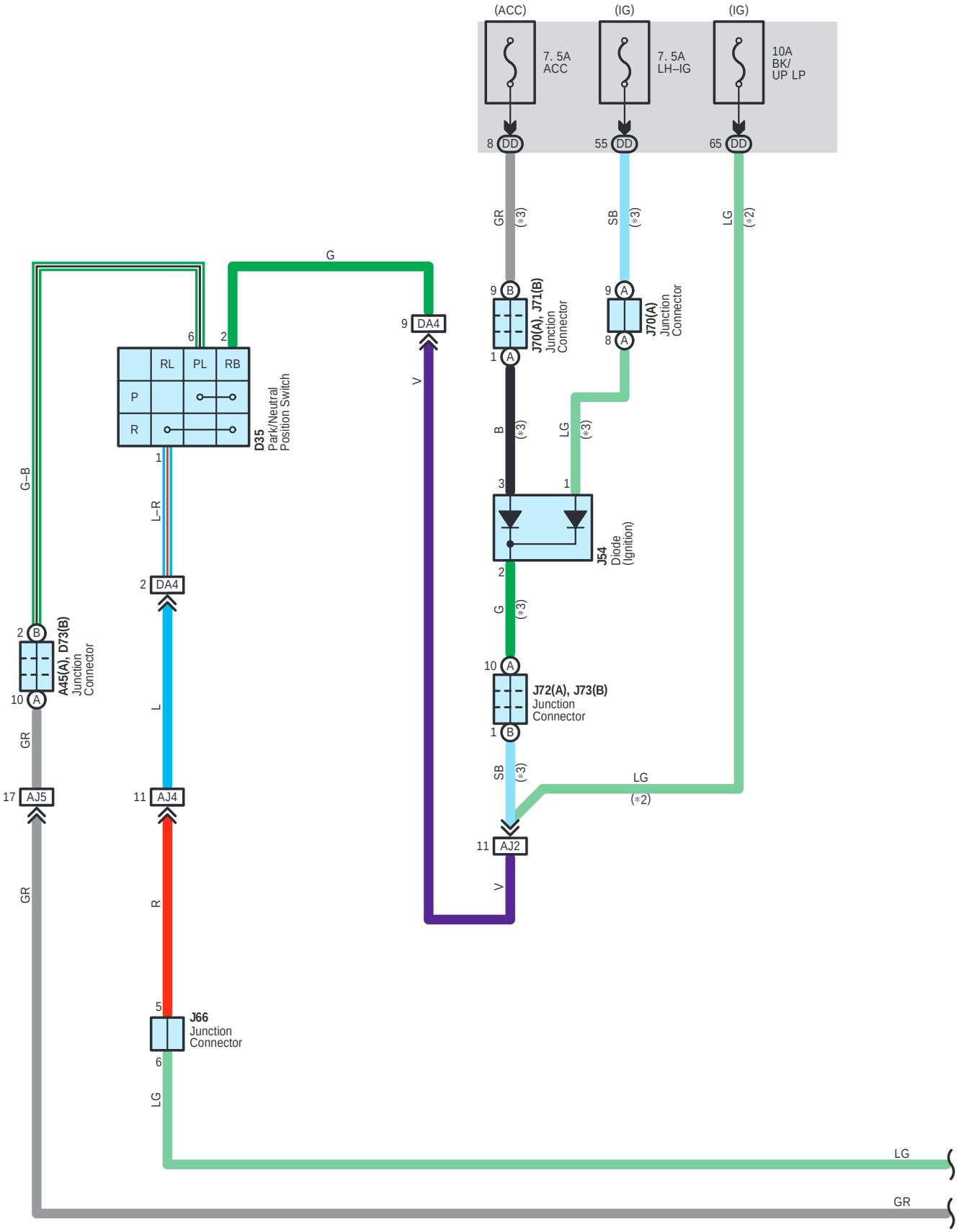


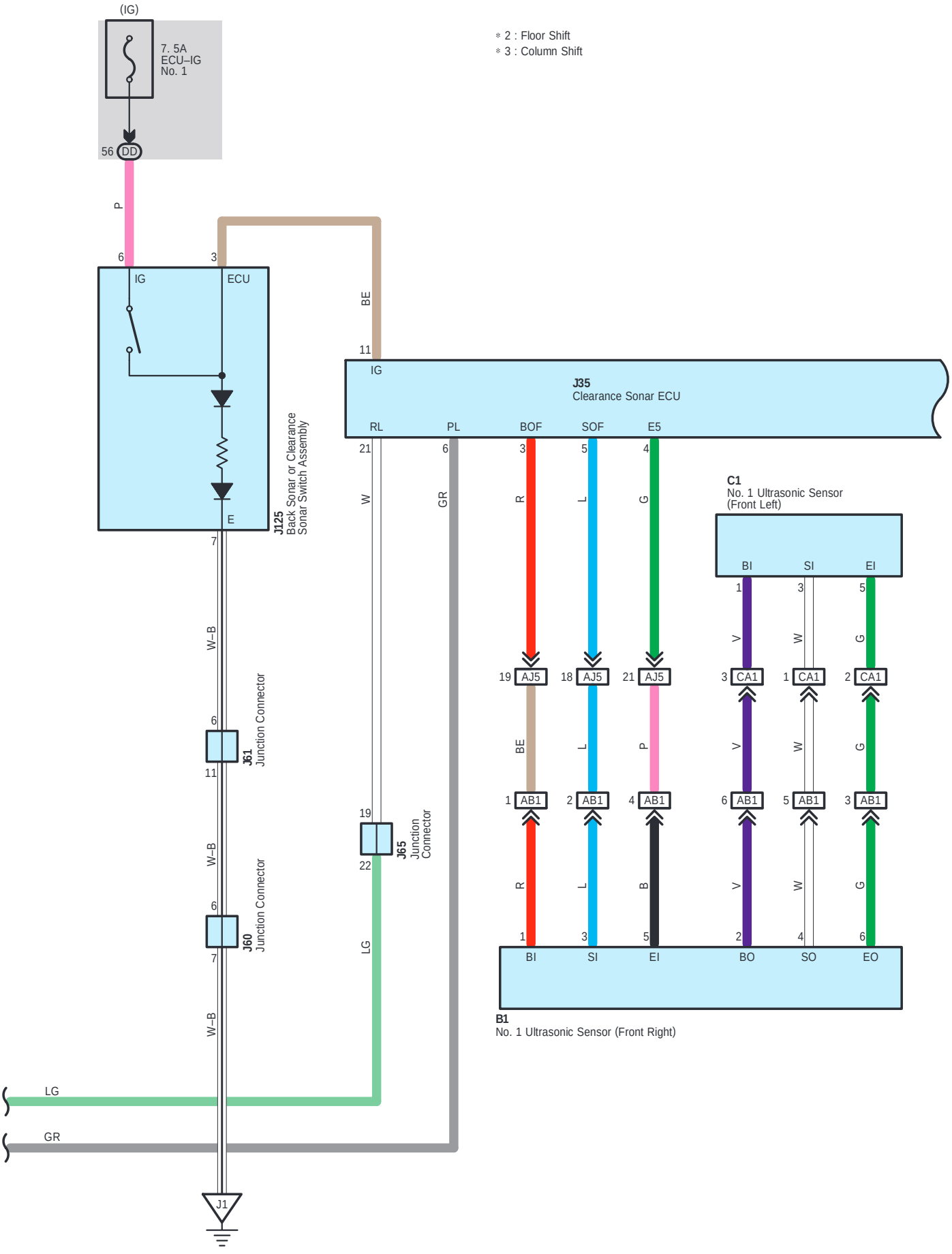
RA1
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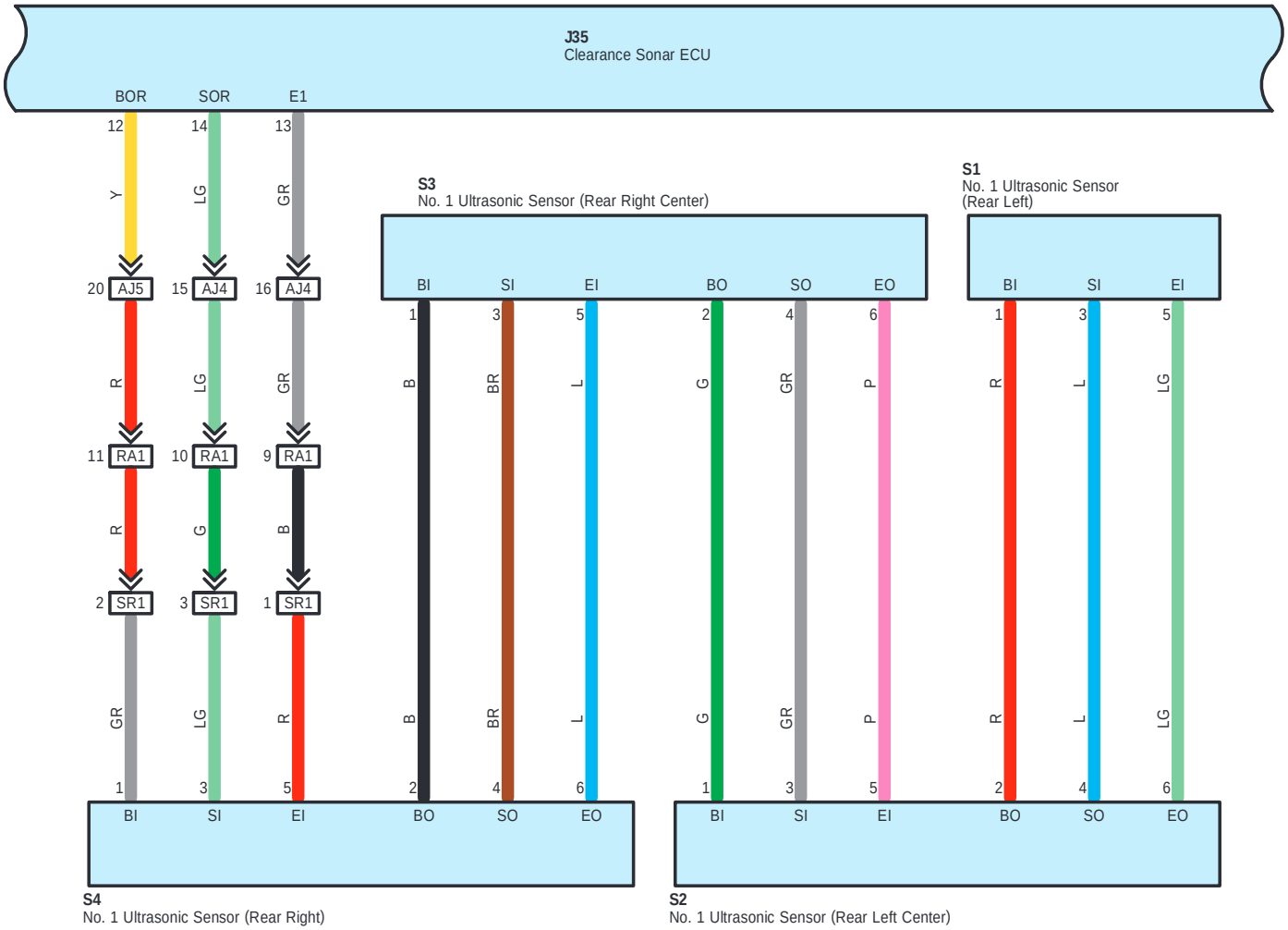


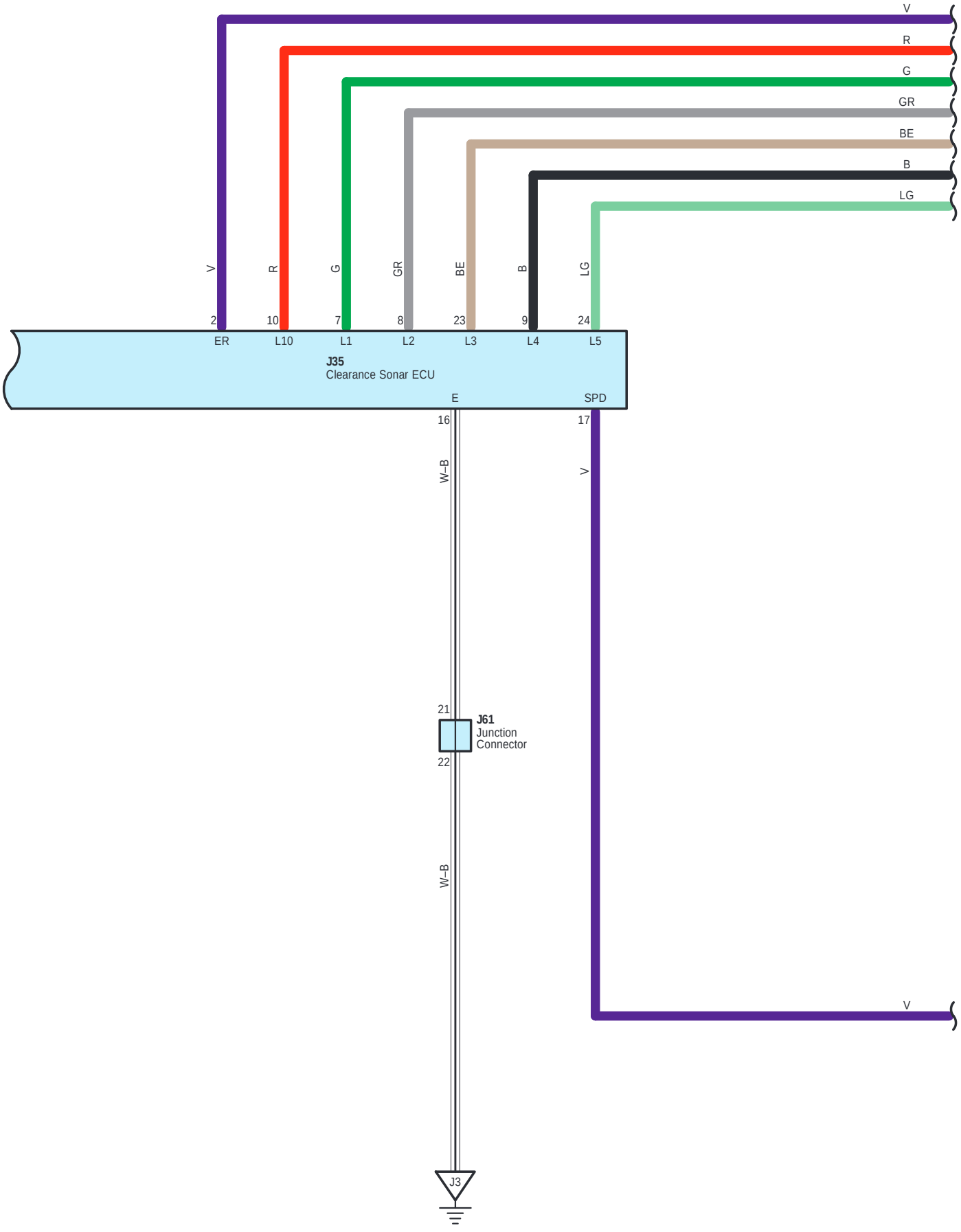
XR1
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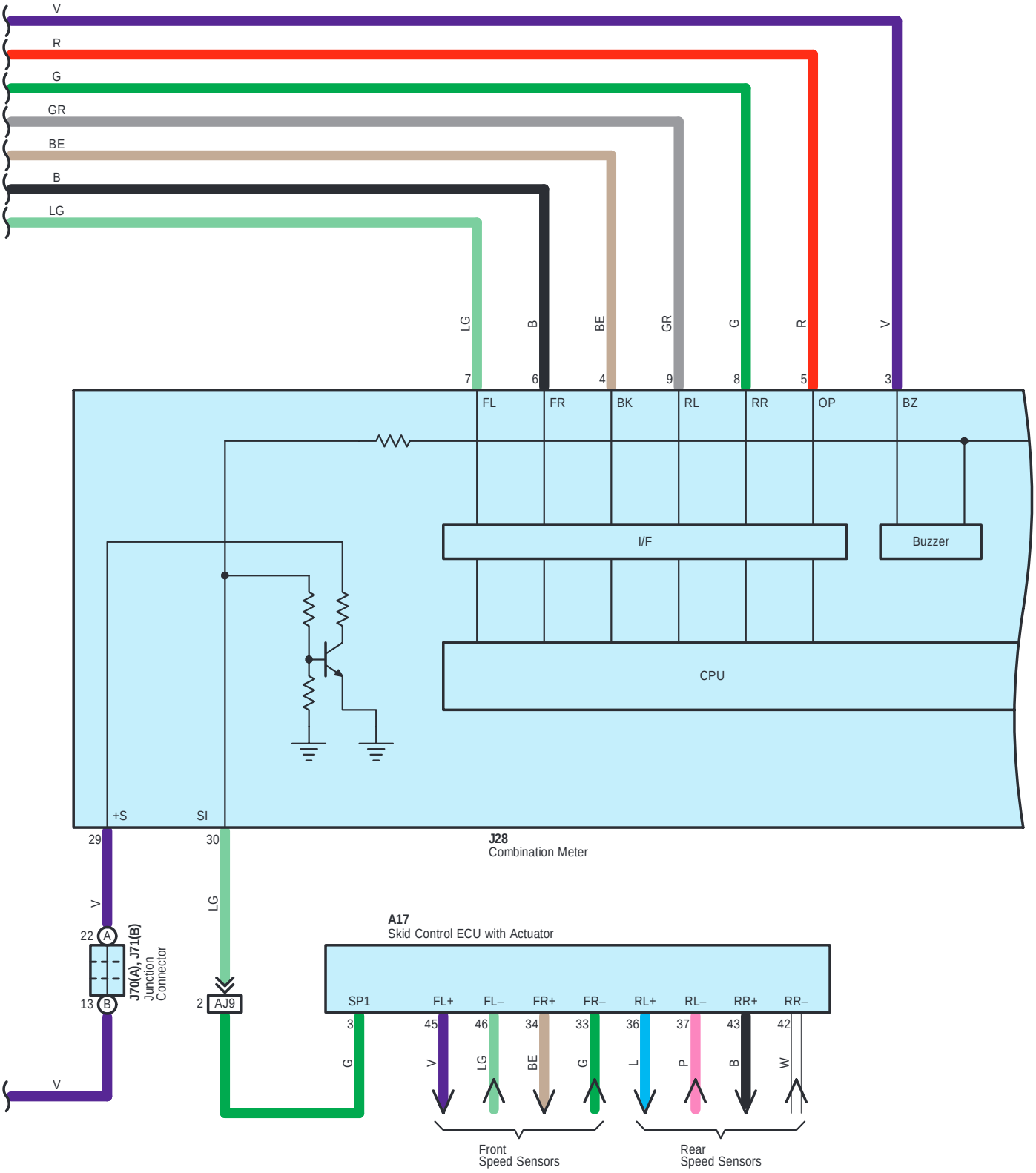


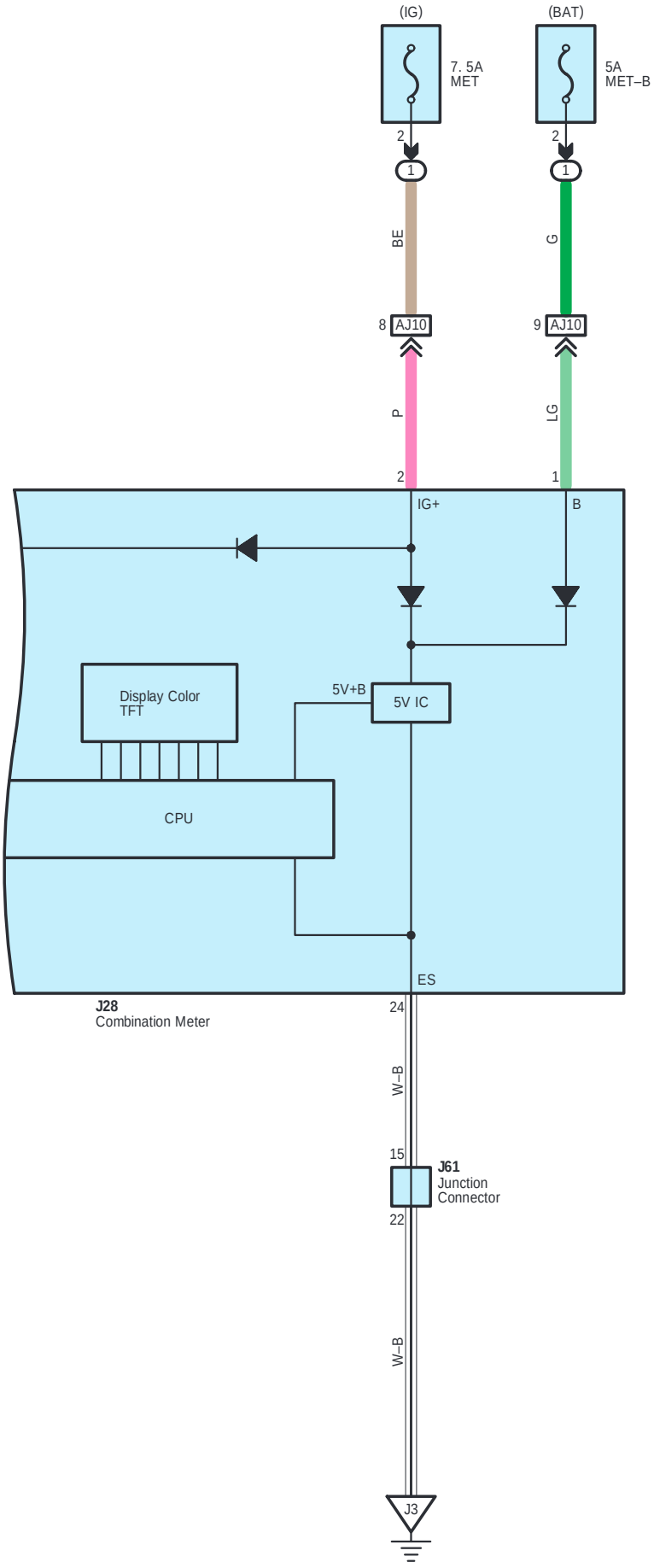

(ACC)
(IG)
(IG)
7. 5A
ACC
7. 5A
LH–IG
10A
BK/
UP LP
8 DD
55 DD
65 DD
GR (*3)
SB (*3)
LG (*2)
G
9 DA4
9 B
9 A
J70(A), J71(B)
Junction
Connector
J70(A)
Junction
Connector
1 A
8 A
6
2
RL
PL
RB
P
R
D35
Park/Neutral
Position Switch
V
B (*3)
LG (*3)
1
3
1
J54
Diode
(Ignition)
G–B
L–R
2 DA4
2
G (*3)
2 B
10 A
A45(A), D73(B)
Junction
Connector
10 A
J72(A), J73(B)
Junction
Connector
1 B
L
GR
SB (*3)
LG
(*2)
17 AJ5
11 AJ4
11 AJ2
GR
R
V
5
J66
Junction
Connector
6
LG
LG
GR


(IG)
7. 5A
ECU–IG
No. 1
56 DD
P
6
3
IG
ECU
E
J125
Back Sonar or Clearance
Sonar Switch Assembly
7
W–B
6
11
J61
Junction Connector
W–B
6
7
J60
Junction Connector
W–B
J1
LG
GR
BE
11
IG
J35
Clearance Sonar ECU
RL
PL
BOF
SOF
E5
21
6
3
5
4
W
GR
R
L
G
19
22
J65
Junction
Connector
LG
C1
No. 1 Ultrasonic Sensor
(Front Left)
BI
SI
EI
1
3
5
V
W
G
3 CA1
1 CA1
2 CA1
19 AJ5
18 AJ5
21 AJ5
BE
L
P
1 AB1
2 AB1
4 AB1
R
L
B
1
3
5
BI
SI
EI
6 AB1
5 AB1
3 AB1
V
W
G
2
4
6
BO
SO
EO
B1
No. 1 Ultrasonic Sensor (Front Right)
* 2 : Floor Shift
* 3 : Column Shift

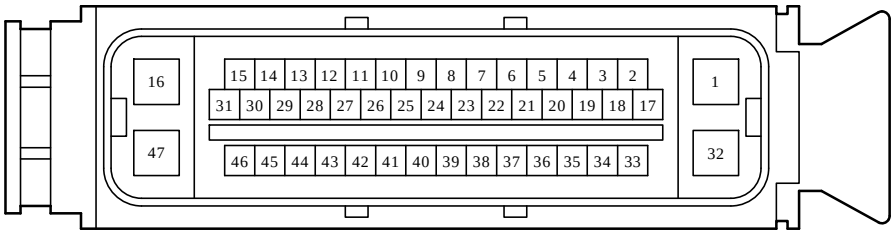

J35
Clearance Sonar ECU
BOR
SOR
E1
12
14
13
Y
LG
GR
20 AJ5
15 AJ4
16 AJ4
R
LG
GR
11 RA1
10 RA1
9 RA1
R
G
B
2 SR1
3 SR1
1 SR1
GR
LG
R
1
3
5
BI
SI
EI
S3
No. 1 Ultrasonic Sensor (Rear Right Center)
BI
SI
EI
BO
SO
EO
1
3
5
2
4
6
B
BR
L
B
BR
L
2
4
6
BO
SO
EO
S1
No. 1 Ultrasonic Sensor
(Rear Left)
BI
SI
EI
1
3
5
R
L
LG
R
L
LG
2
4
6
BO
SO
EO
S4
No. 1 Ultrasonic Sensor (Rear Right)
S2
No. 1 Ultrasonic Sensor (Rear Left Center)


V
R
G
GR
BE
B
LG
V
R
G
GR
BE
B
LG
2
10
7
8
23
9
24
ER
L10
L1
L2
L3
L4
L5
J35
Clearance Sonar ECU
E
SPD
16
17
W–B
V
21
J61
Junction
Connector
22
W–B
V
J3

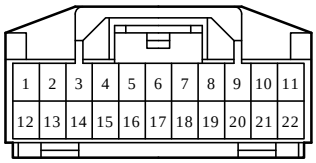

V
R
G
GR
BE
B
LG
LG
B
BE
GR
G
R
V
7
6
4
9
8
5
3
FL
FR
BK
RL
RR
OP
BZ
I/F
Buzzer
CPU
+S
SI
29
30
J28
Combination Meter
V
LG
22
A
13
B
J70(A), J71(B)
Junction
Connector
2
AJ9
A17
Skid Control ECU with Actuator
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
3
45
46
34
33
36
37
43
42
G
V
LG
BE
G
L
P
B
W
V
Front
Speed Sensors
Rear
Speed Sensors


(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8 AJ10
9 AJ10
P
LG
2
1
IG+
B
Display Color
TFT
5V+B
5V IC
CPU
ES
J28
Combination Meter
24
W–B
15
J61
Junction
Connector
22
W–B
J3

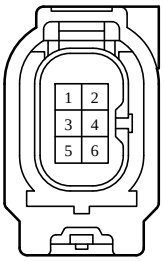
A 17
Black



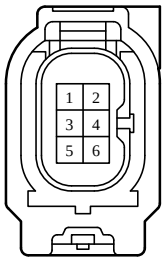
A 45
Blue



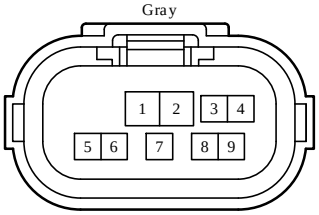
B 1
Black



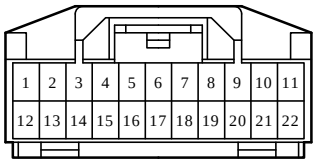
C 1
Black



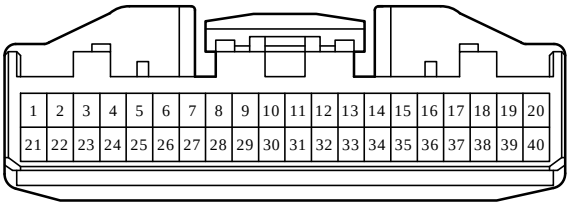
D 35
Gray



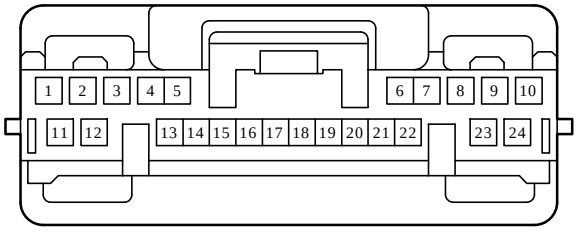
D 73
Blue



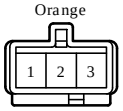
J 28
Black



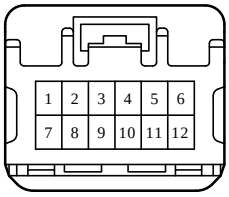
J 35
Black



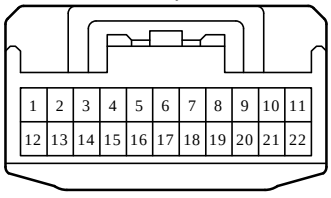
J 54
Orange



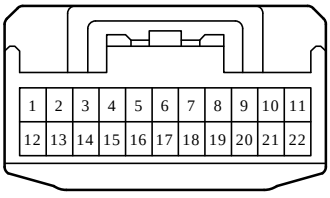
J 60
White



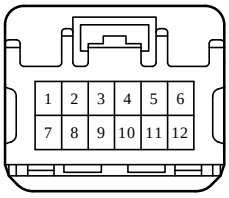
J 61
Gray



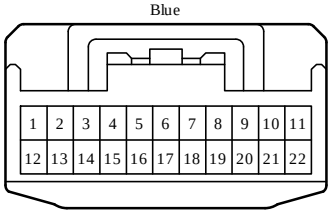
J 65
White



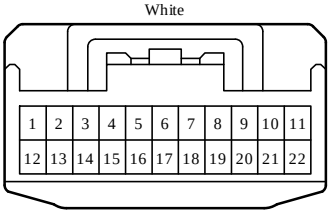
J 66
Black



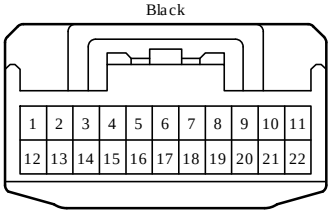
J 70
Blue



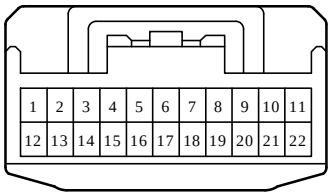
J 71
White



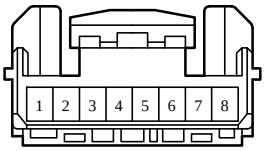
J 72
Black



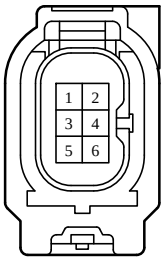
J 73
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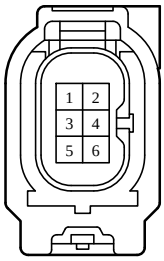
J125
Black



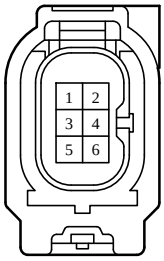
S 1
Black



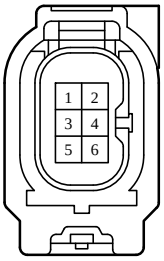
S 2
Black



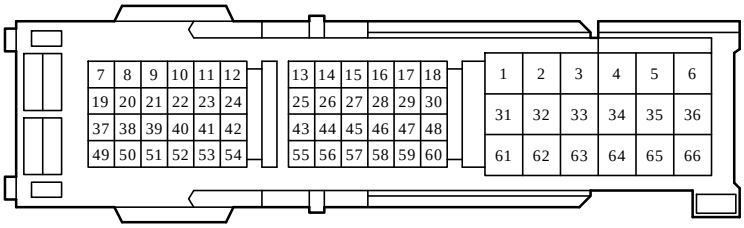
S 3
Black



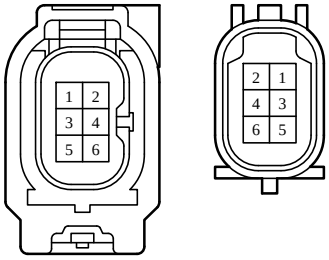
S 4
Black



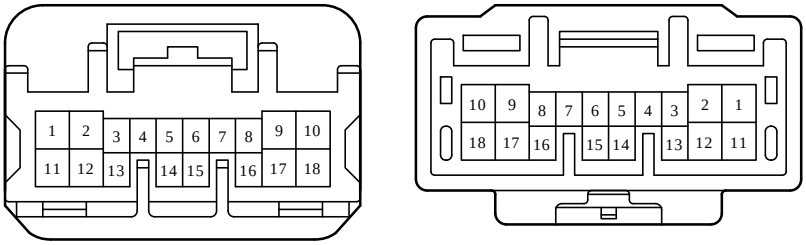
DD
White



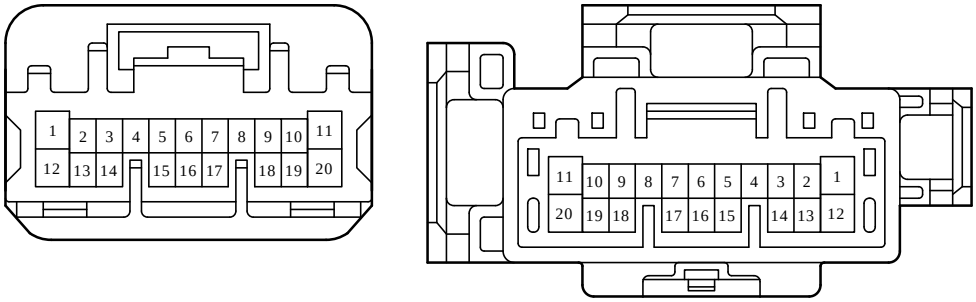
AB1
White



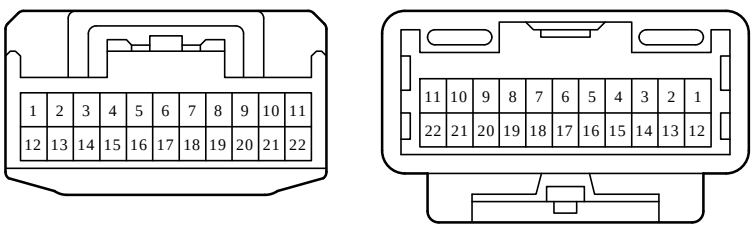
AJ2
Gray



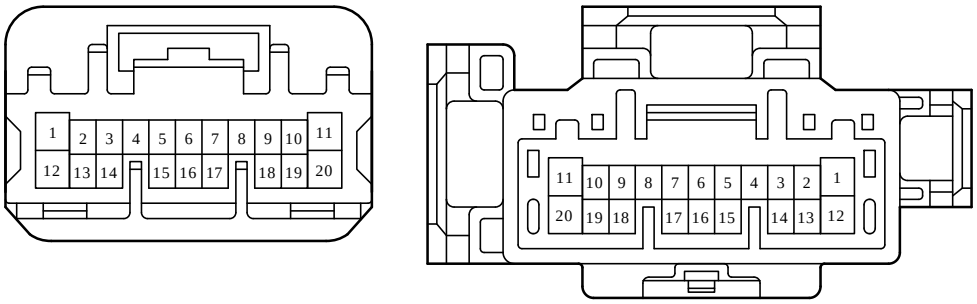
AJ4
White



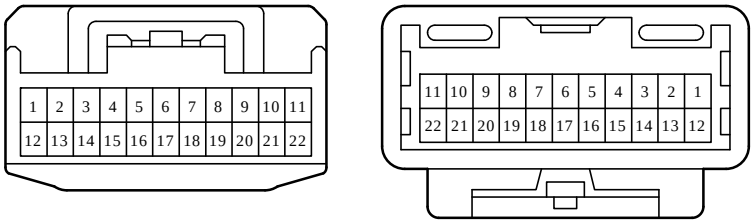
AJ5
Gray



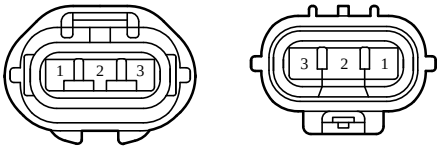
AJ9
White



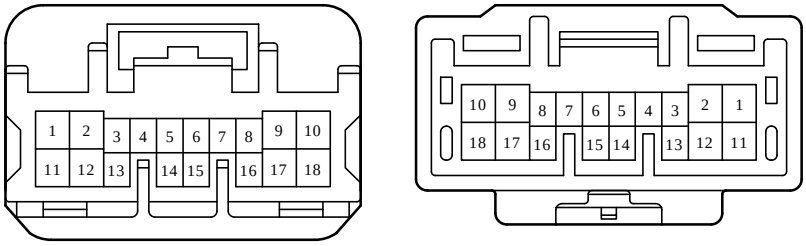
AJ10
Gray



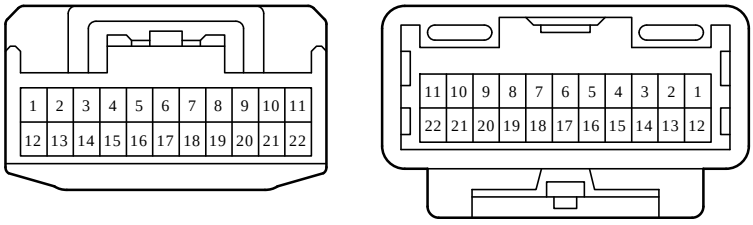
CA1
Black



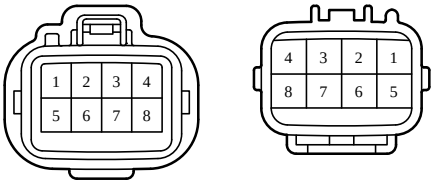
DA4
Gray

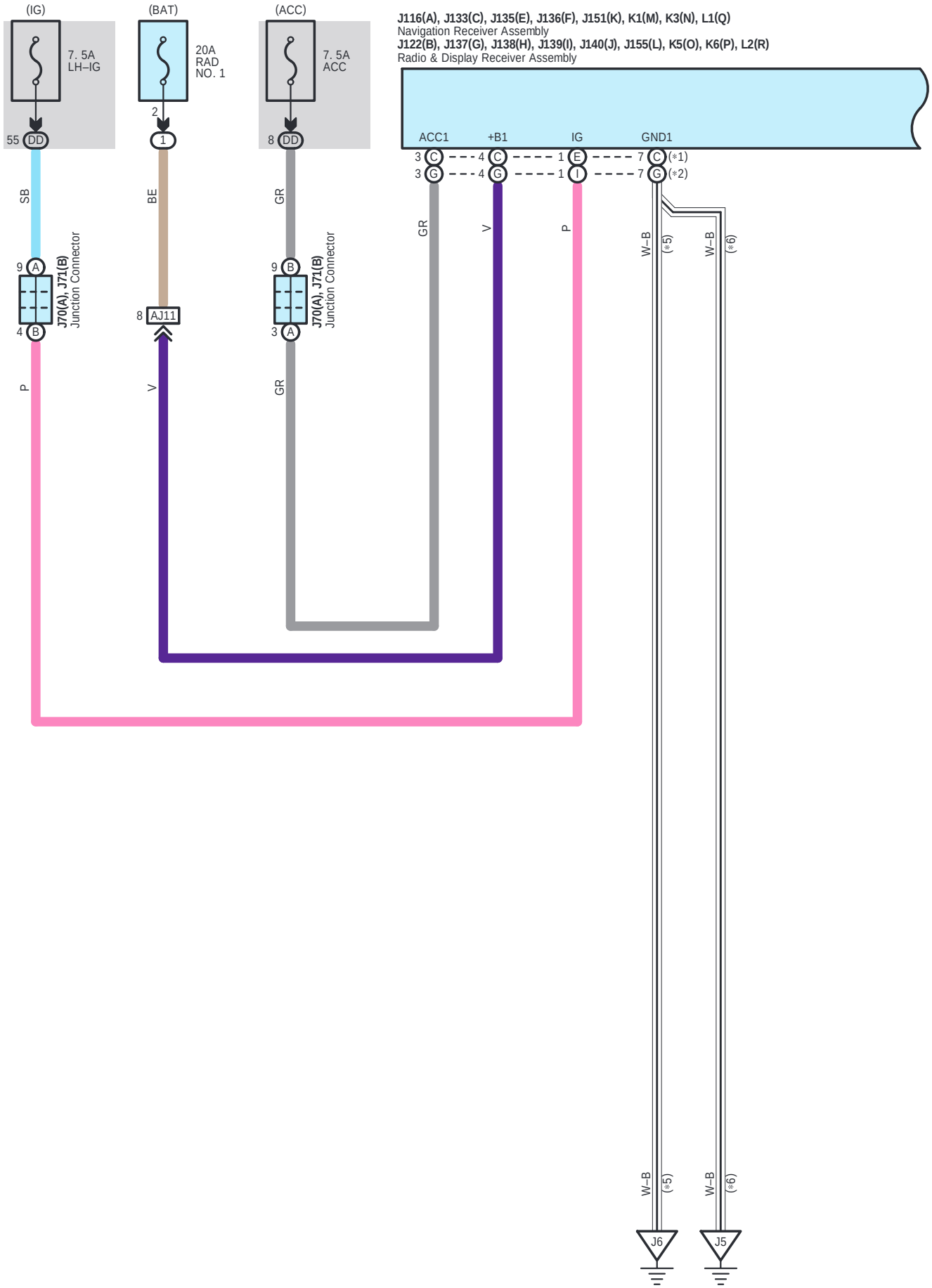


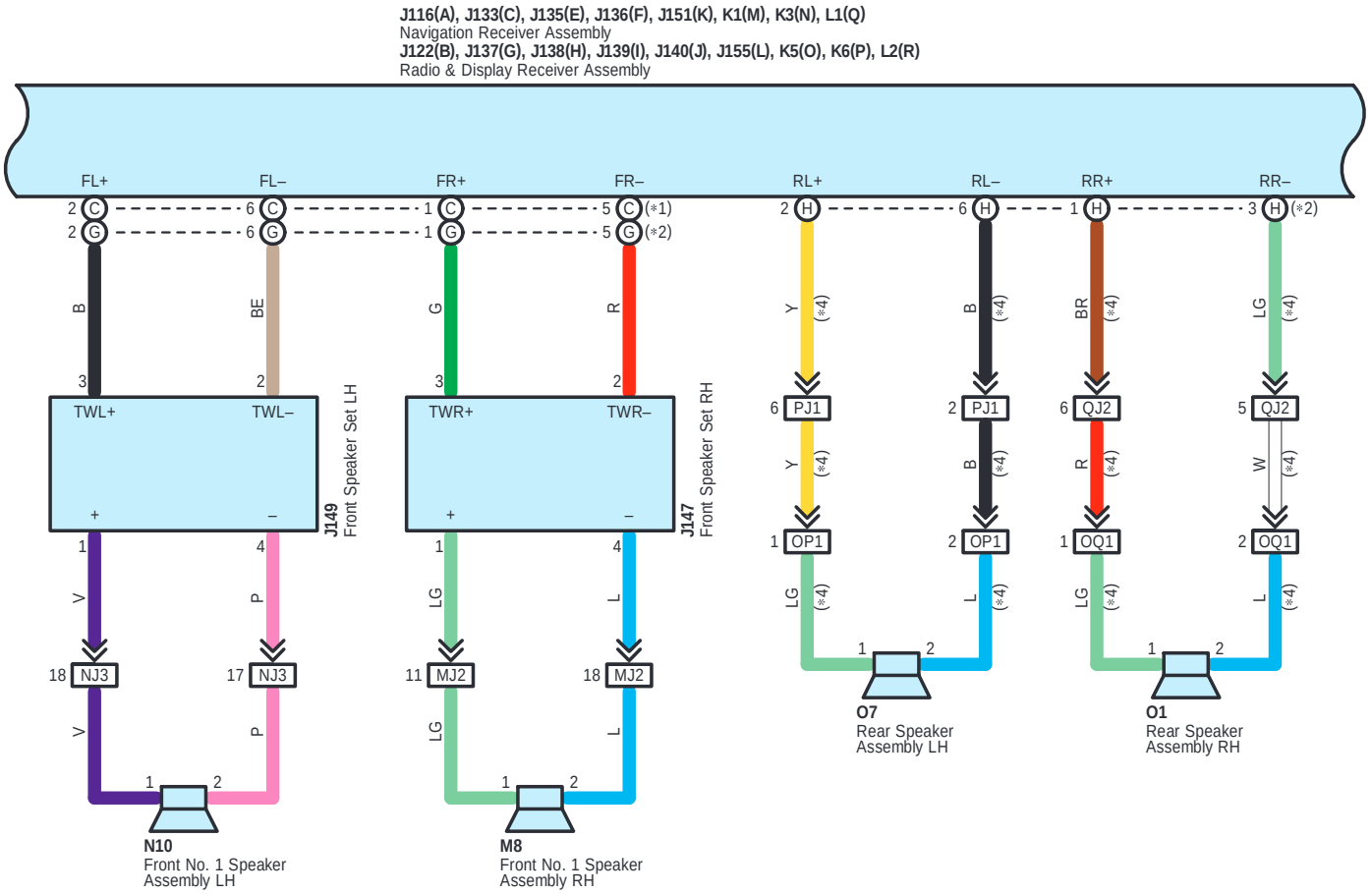
RA1
Black



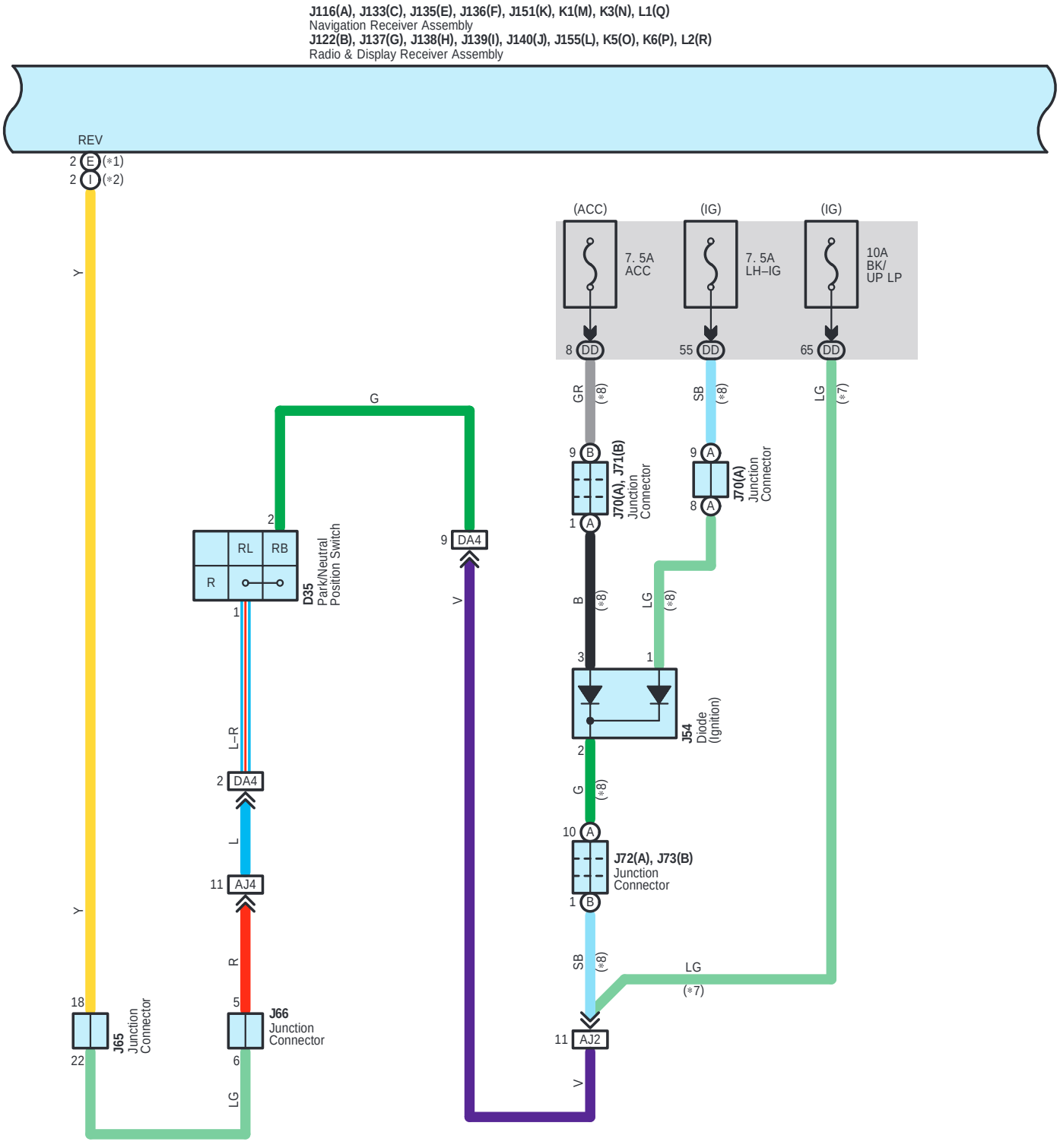
SR1
Black

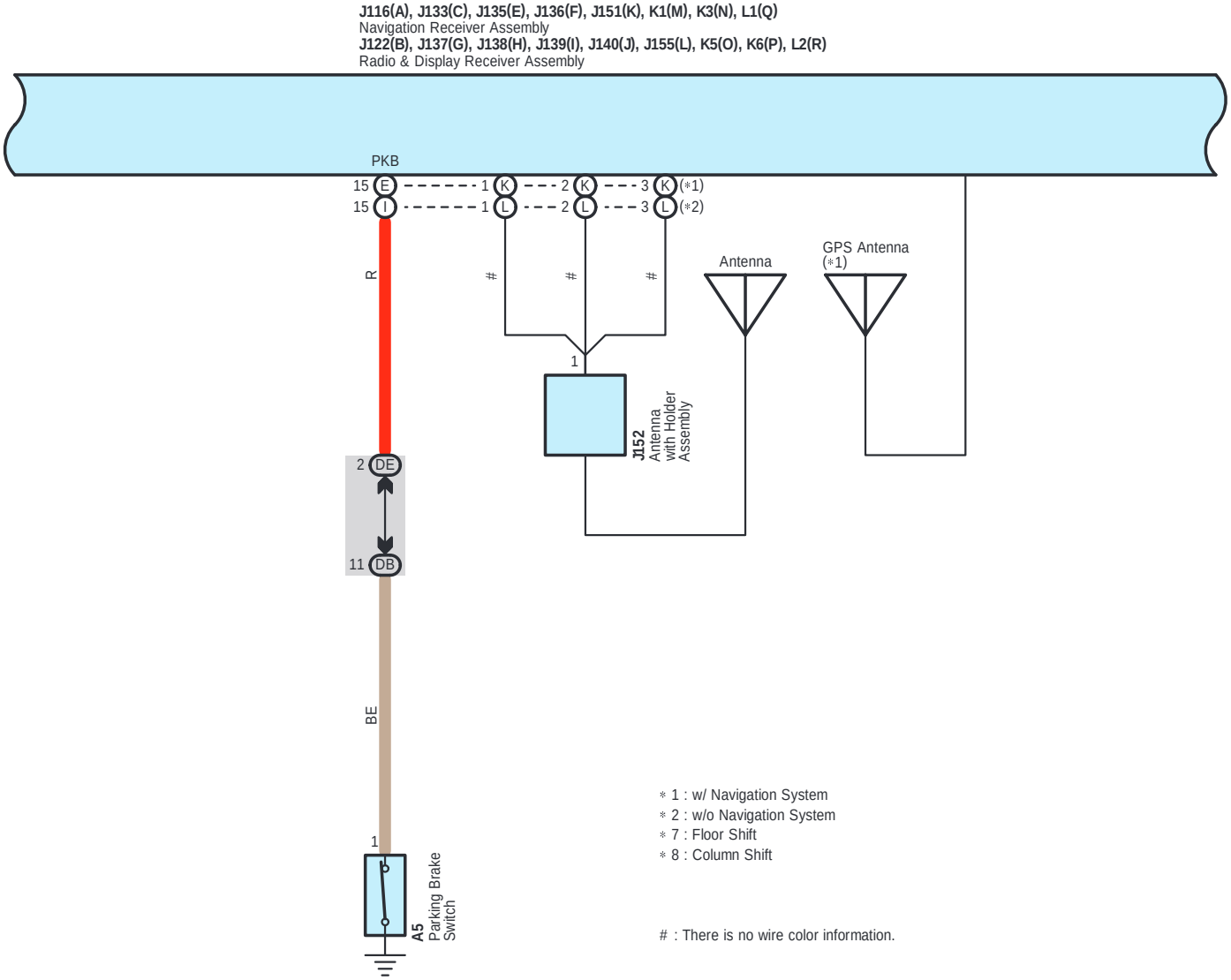



(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
(BAT)
20A
RAD
NO. 1
2
1
BE
8 AJ11
V
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction Connector
3 A
GR
J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
ACC1
+B1
IG
GND1
3 C
3 G
4 C
4 G
1 E
1 I
7 C (*1)
7 G (*2)
GR
V
P
W–B
(*5)
W–B
(*6)
W–B
(*5)
W–B
(*6)
J6
J5

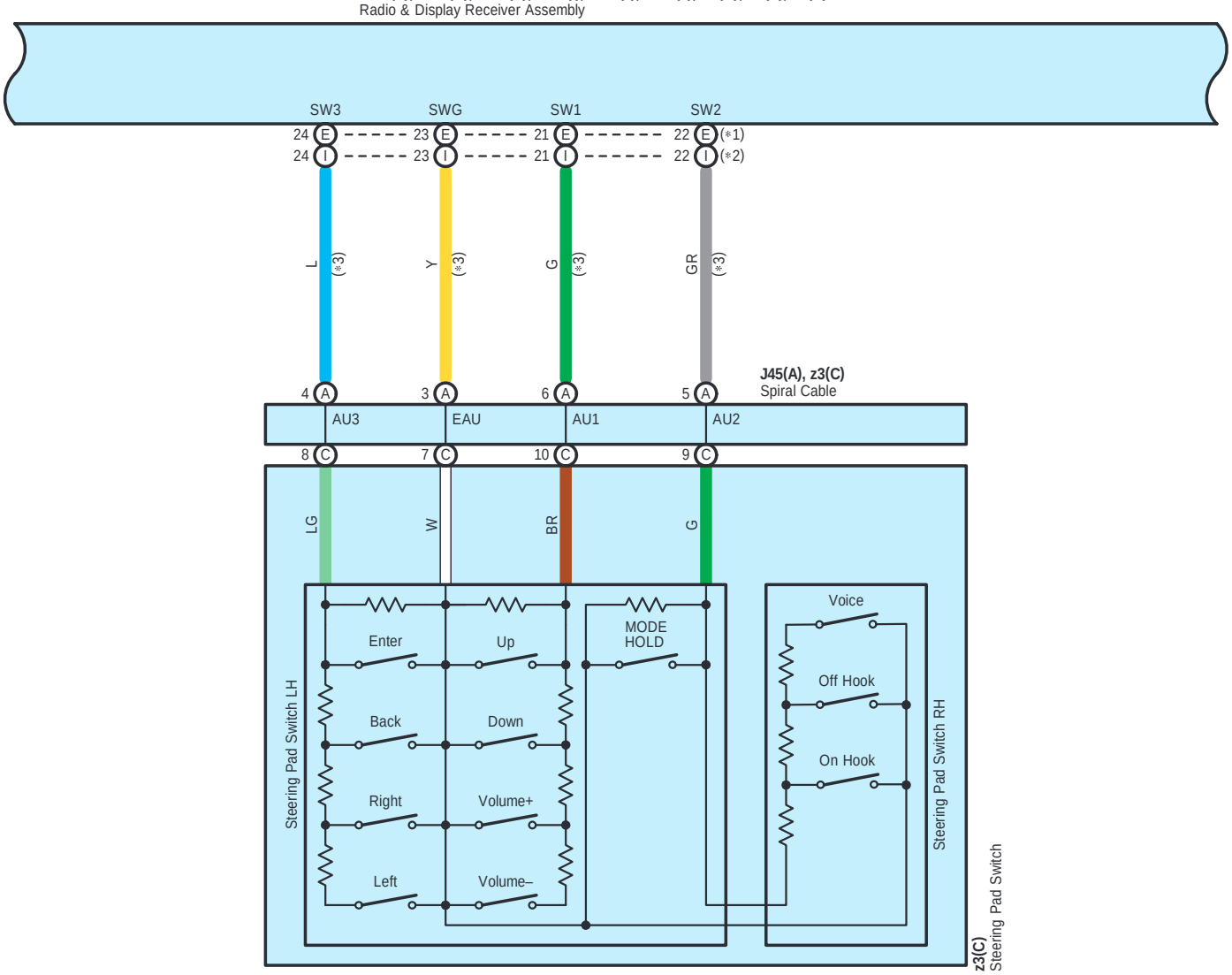


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 4 : w/ Rear Door Speaker
* 5 : w/ SDARS
* 6 : w/o SDARS

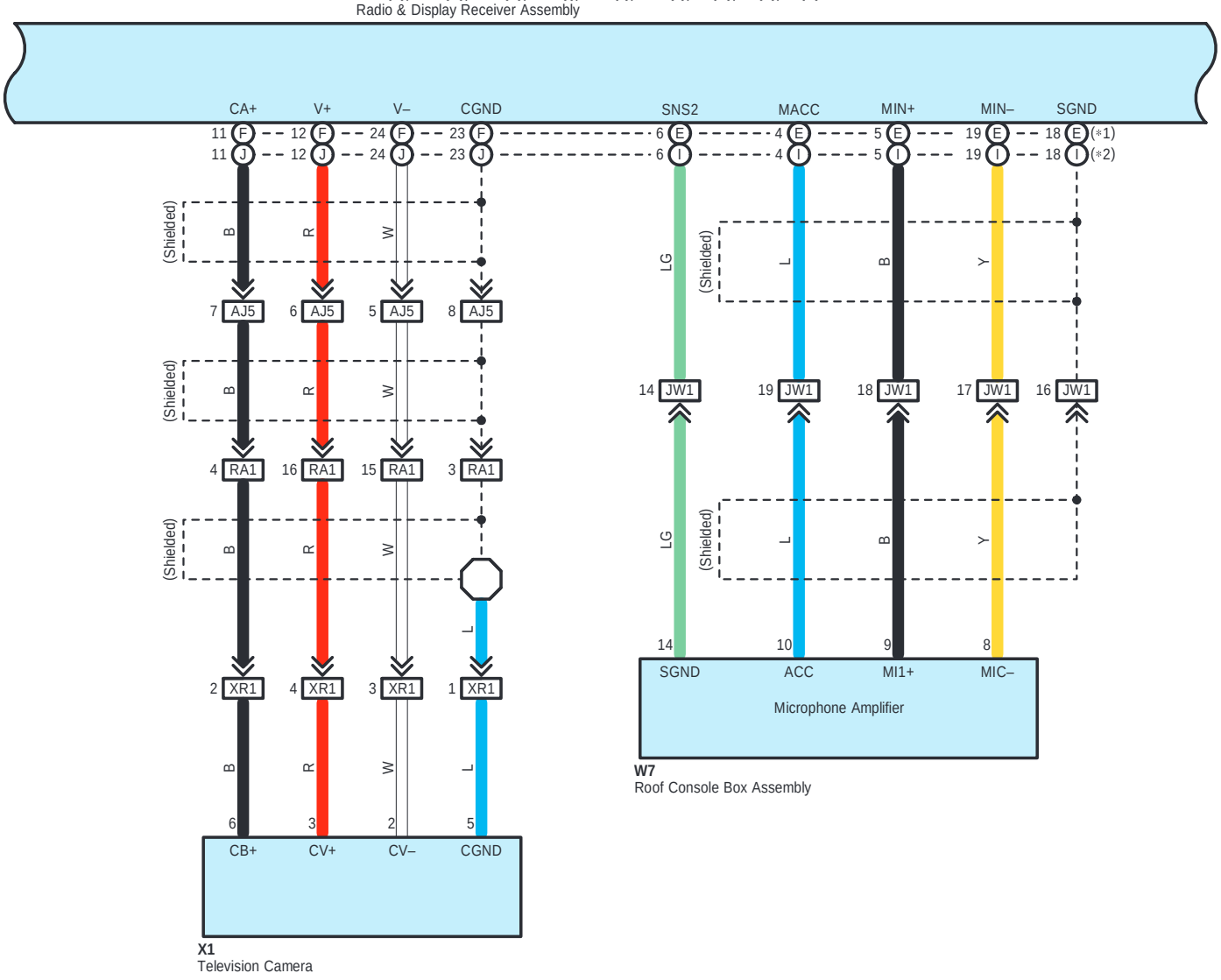

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
Y
18
J65 Junction Connector
22
LG
5
J66 Junction Connector
6
R
11 AJ4
L
2 DA4
L–R
1
2
D35 Park/Neutral Position Switch
RL
RB
R
G
9 DA4
V
11 AJ2
V
SB
(*8)
10 A
J72(A), J73(B) Junction Connector
1 B
G
(*8)
2
J54 Diode (Ignition)
3
1
B
(*8)
LG
(*8)
1 A
J70(A), J71(B) Junction Connector
9 B
GR
(*8)
9 A
J70(A) Junction Connector
8 A
SB
(*8)
LG
(*7)
LG
(*7)
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
PKB
15 E
15 I
1 K
1 L
2 K
2 L
3 K
3 L
(*1)
(*2)
R
#
#
#
Antenna
GPS Antenna (*1)
1
J152 Antenna with Holder Assembly
2 DE
11 DB
BE
1
A5 Parking Brake Switch
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 7 : Floor Shift
* 8 : Column Shift
# : There is no wire color information.

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly



J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

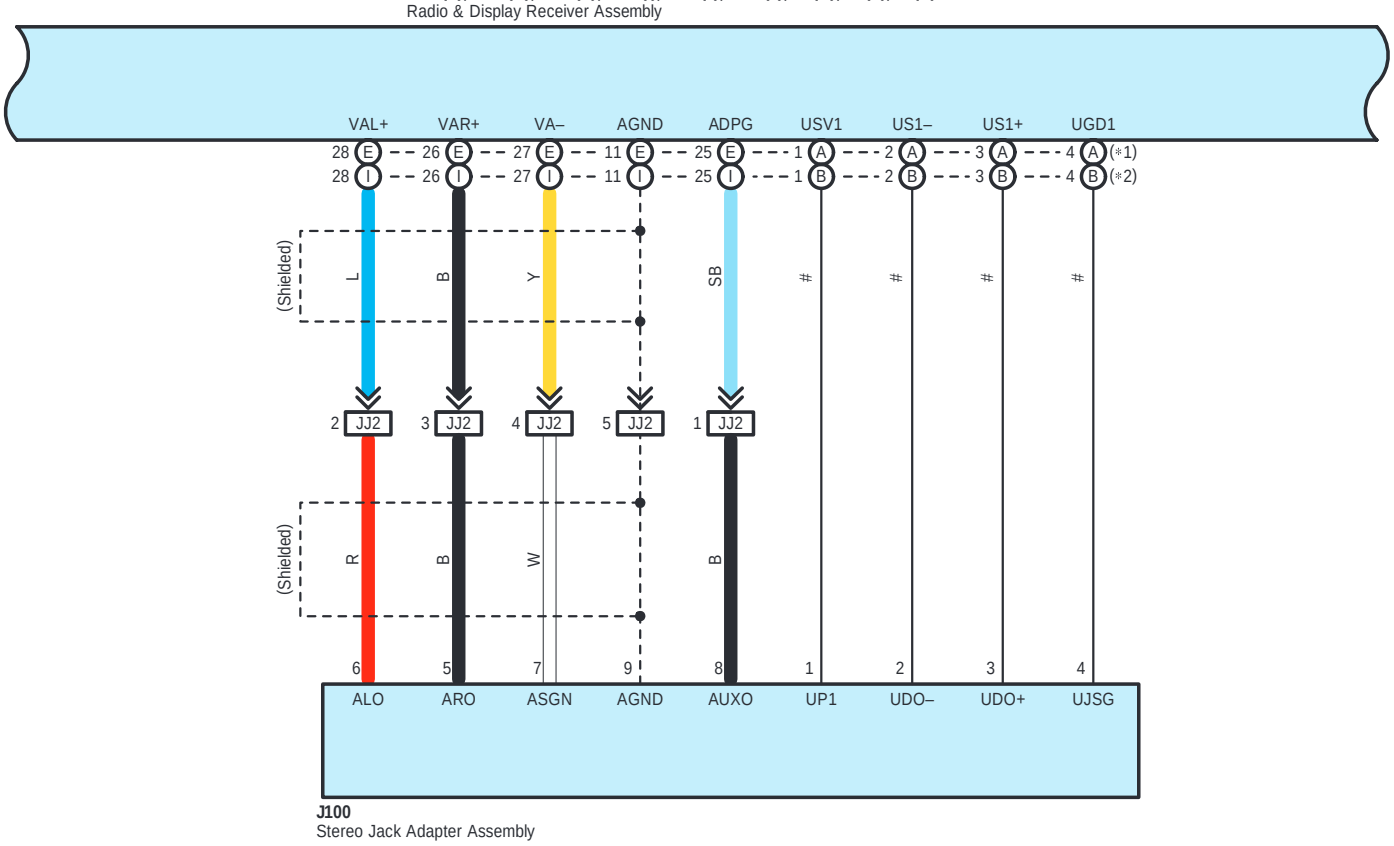


X1
Television Camera

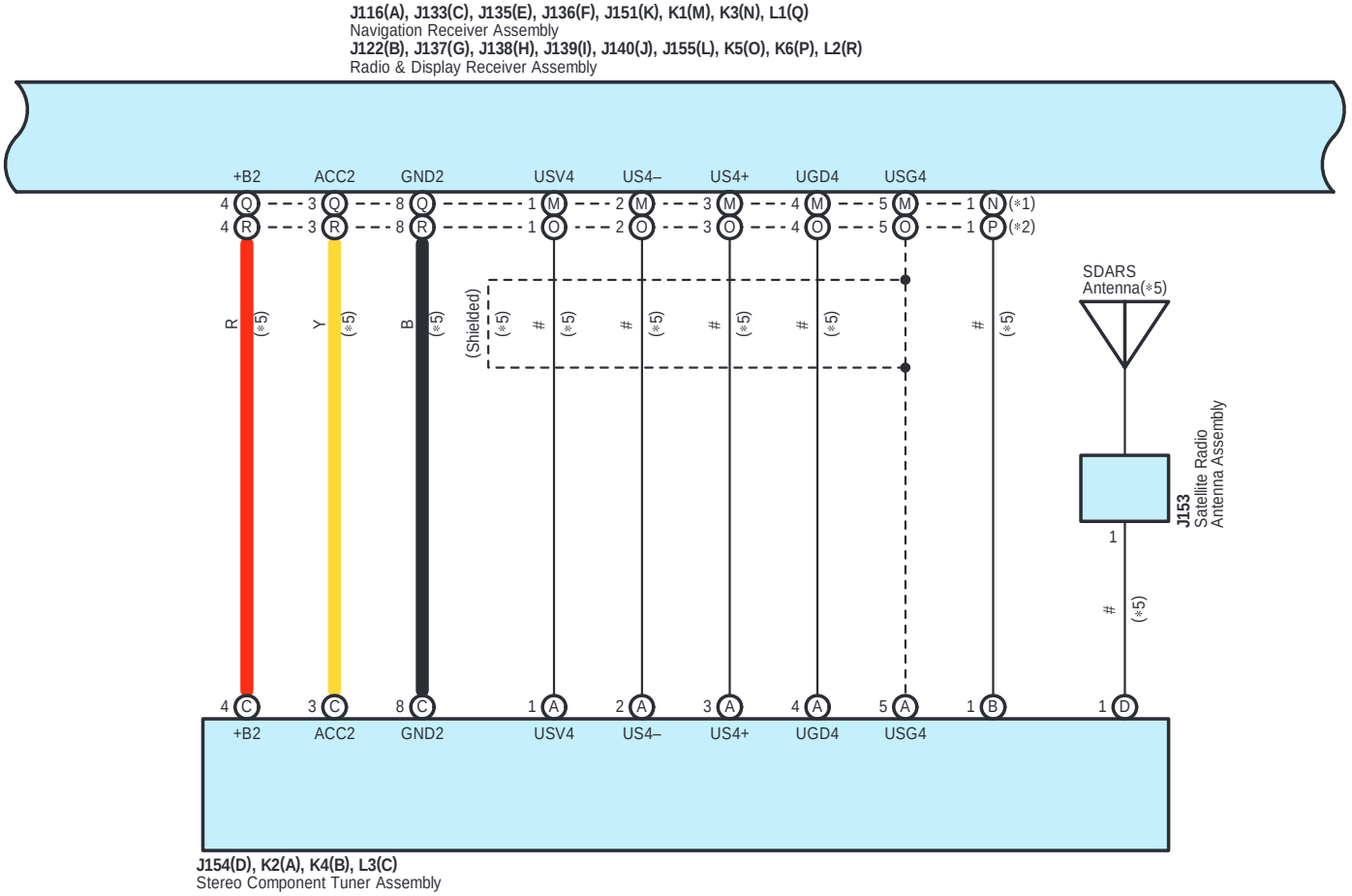
W7
Roof Console Box Assembly

∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : w/ Steering Pad Switch

J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

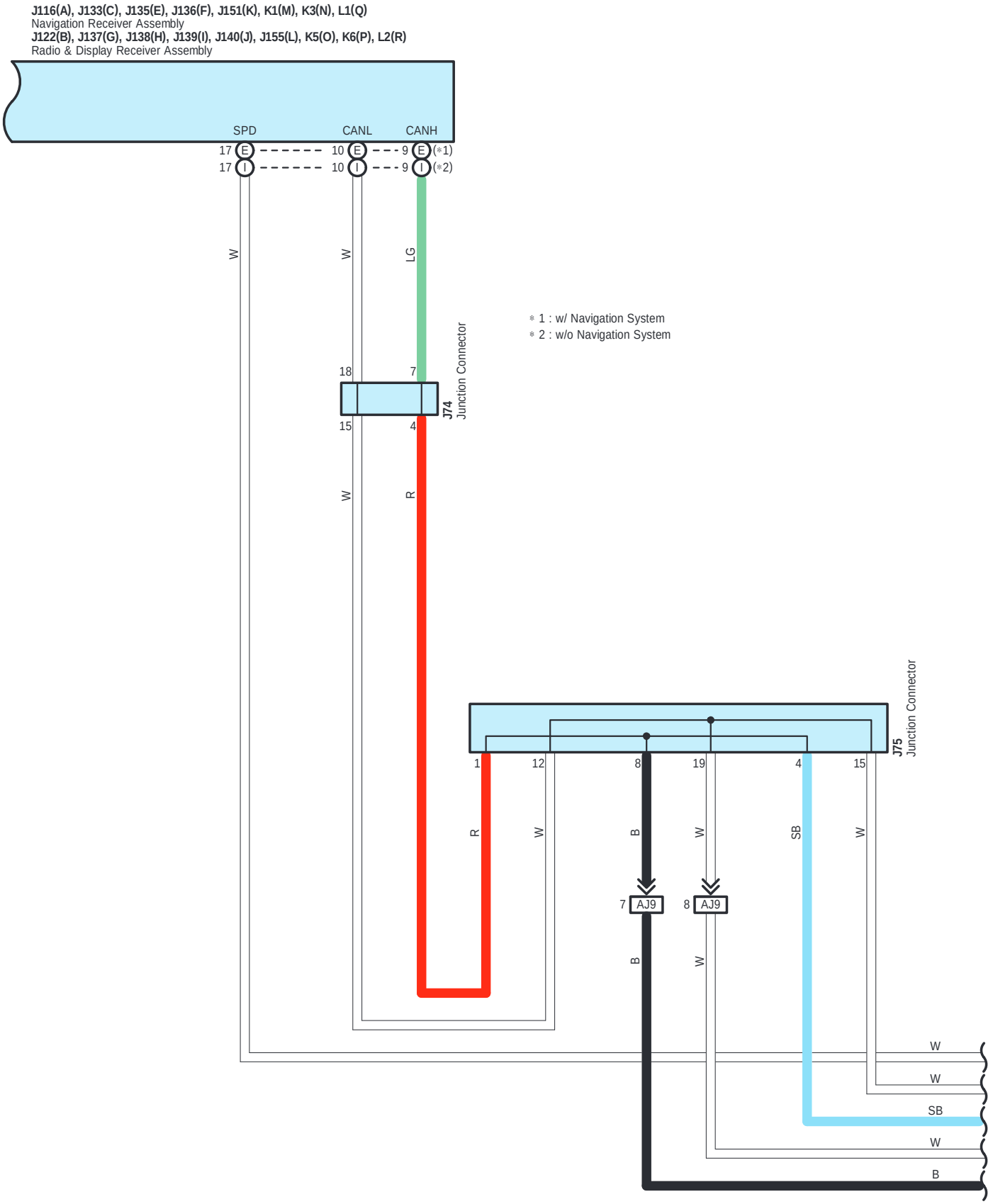


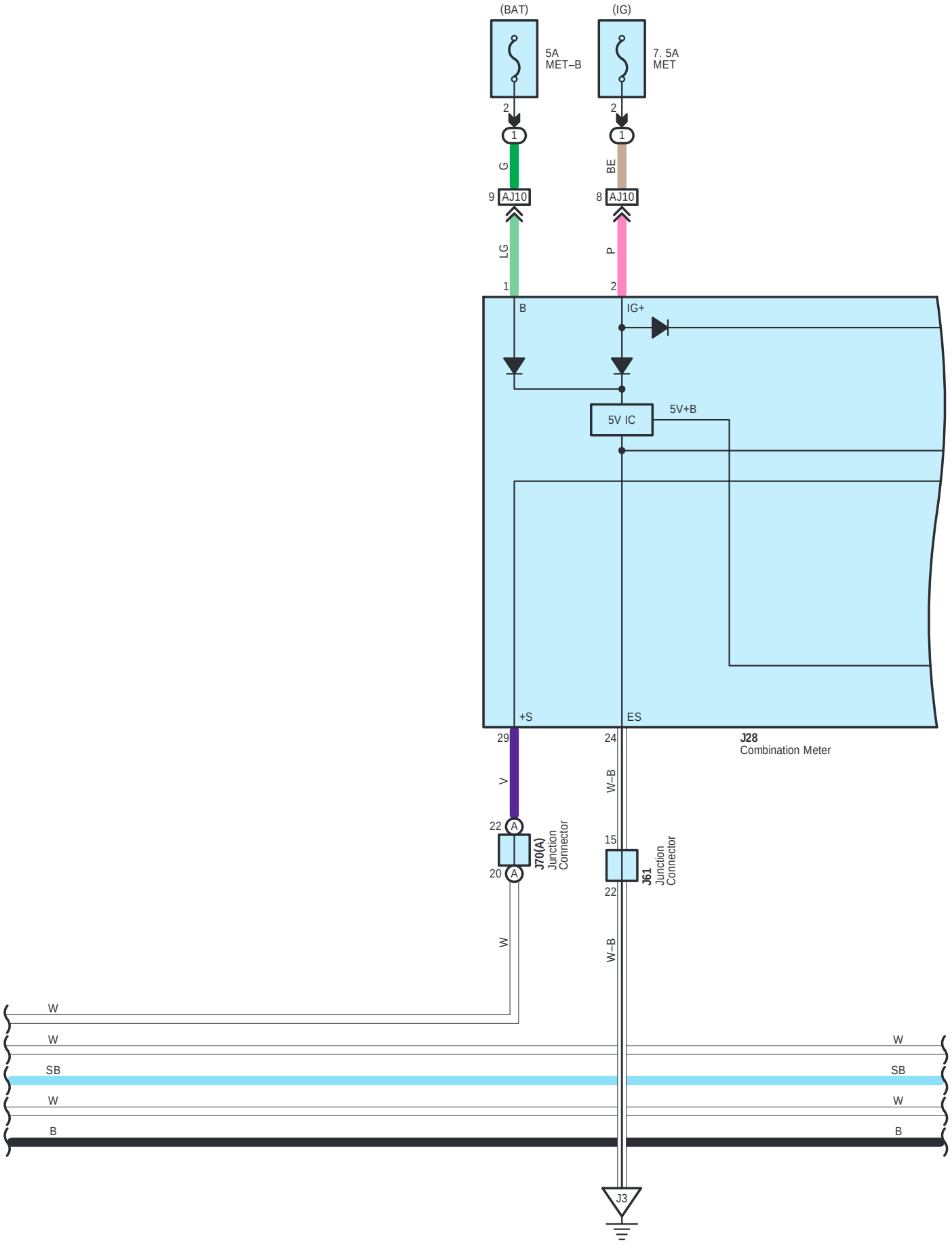
J100
Stereo Jack Adapter Assembly

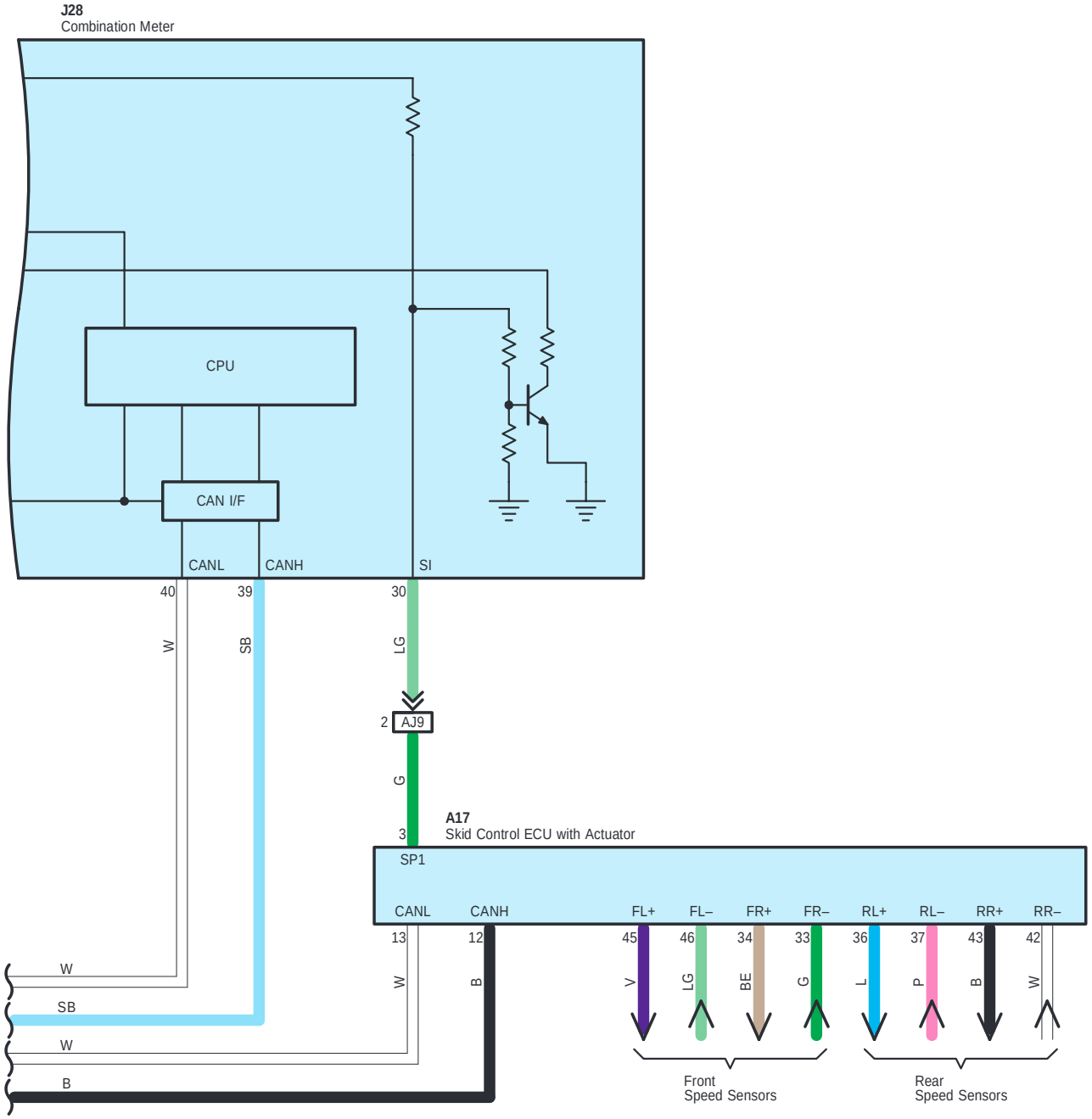


* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 5 : w/ SDARS

: There is no wire color information.


J116(A), J133(C), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
J74
Junction Connector
15
4
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

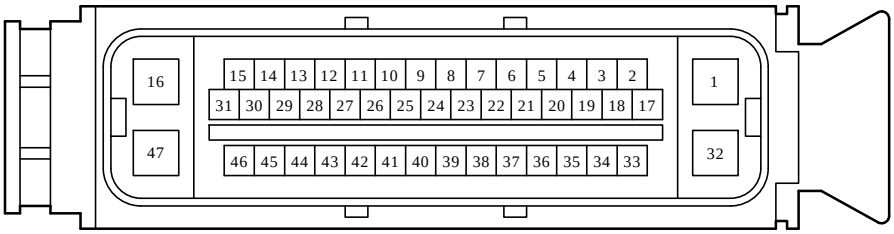

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
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SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

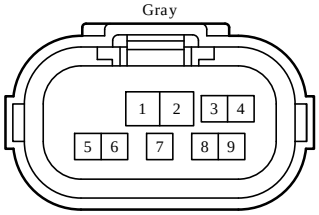
A 5
White



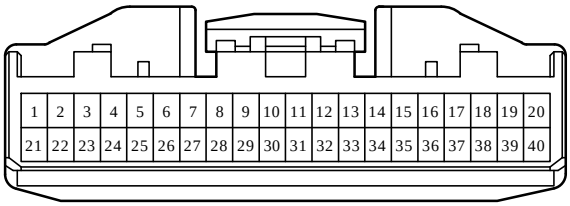
A 17
Black



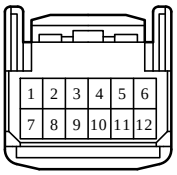
D 35
Gray



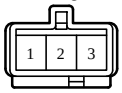
J 28
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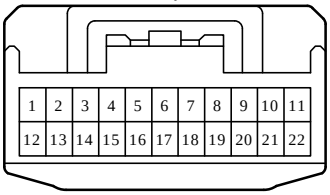
J 45
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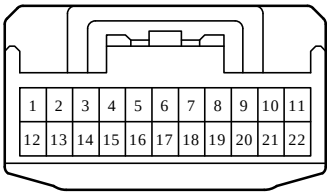
J 54
Orange



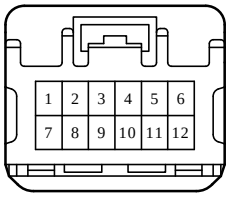
J 61
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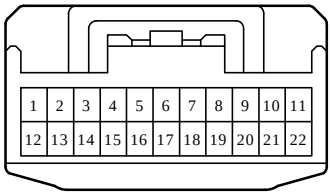
J 65
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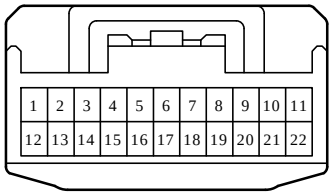
J 66
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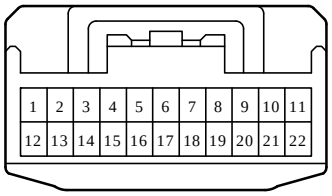
J 70
Blue



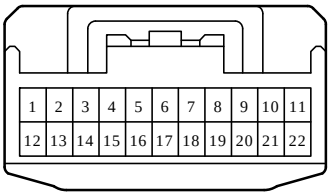
J 71
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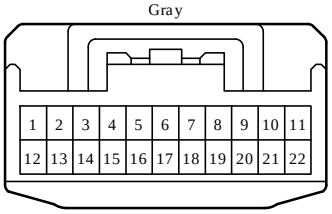
J 72
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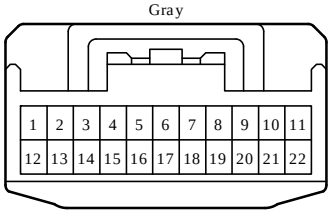
J 73
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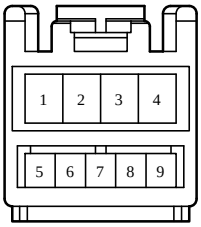
J 74
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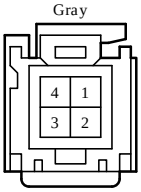
J 75
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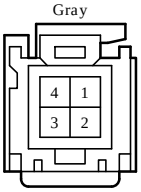
J100
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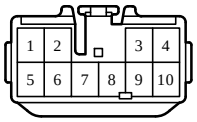
J116
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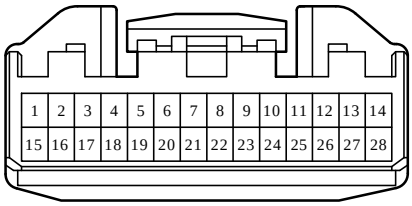
J122
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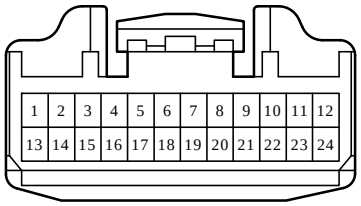
J133
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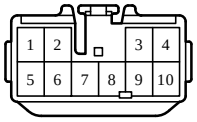
J135
White



J136
White



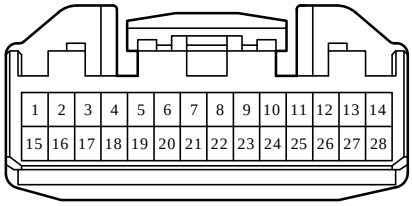
J137
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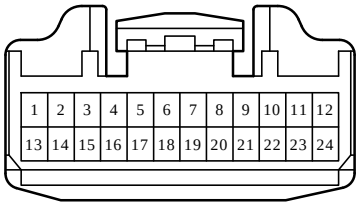
J138
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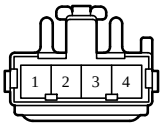
J139
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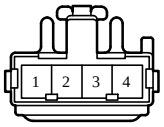
J140
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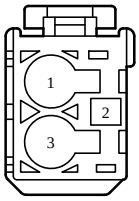
J147
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J149
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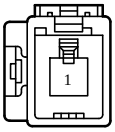
J151
White



J152
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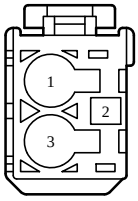
J153
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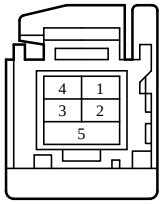
J154
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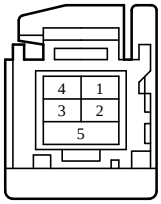
J155
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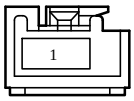
K 1
Brown



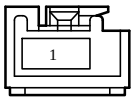
K 2
Brown



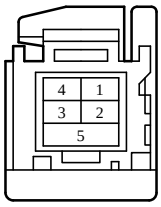
K 3
White



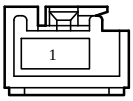
K 4
White



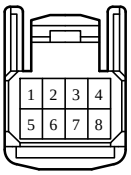
K 5
Brown



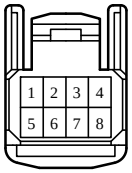
K 6
White



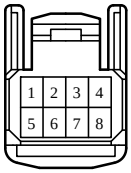
L 1
White



L 2
White



L 3
White



M 8
White



N 10
White



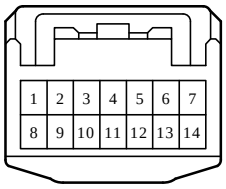
O 1
White



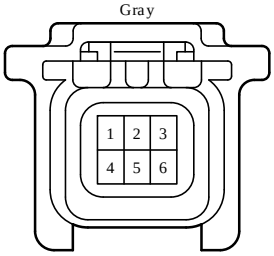
O 7
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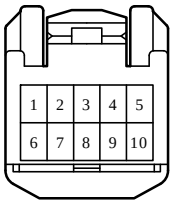
W 7
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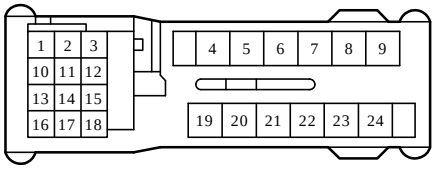
X 1
Gray



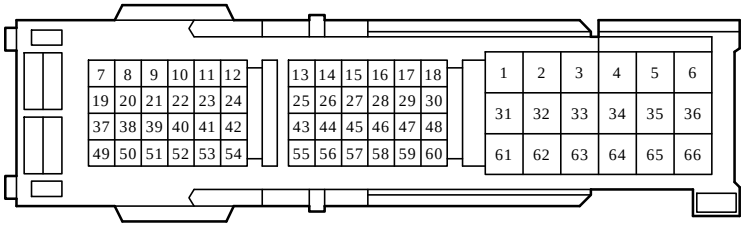
z 3
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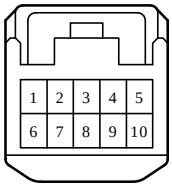
DB
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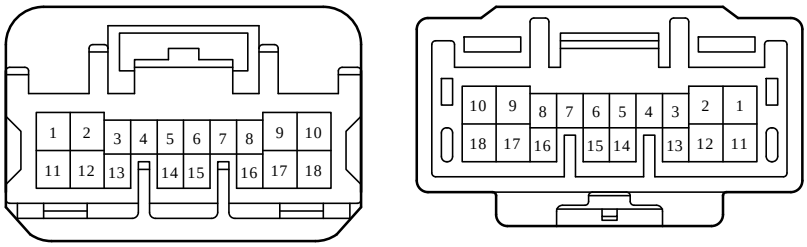
DD
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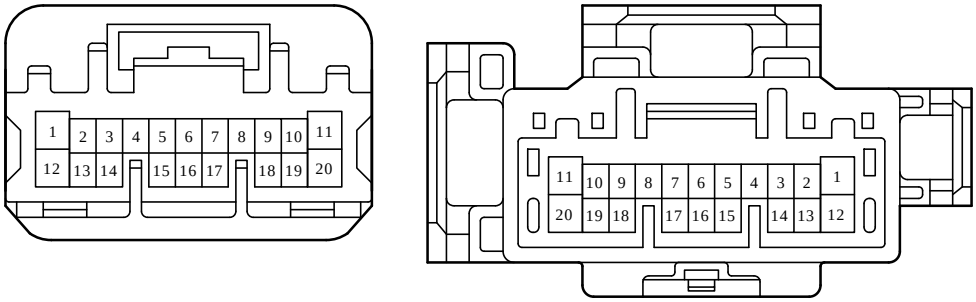
DE
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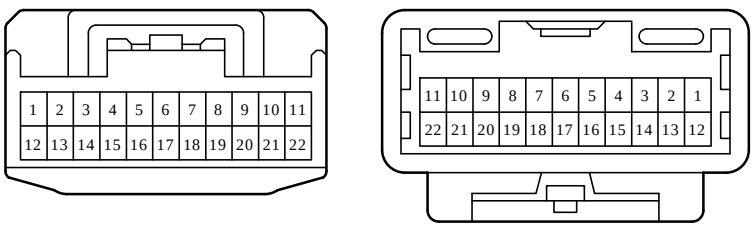
AJ2
Gray



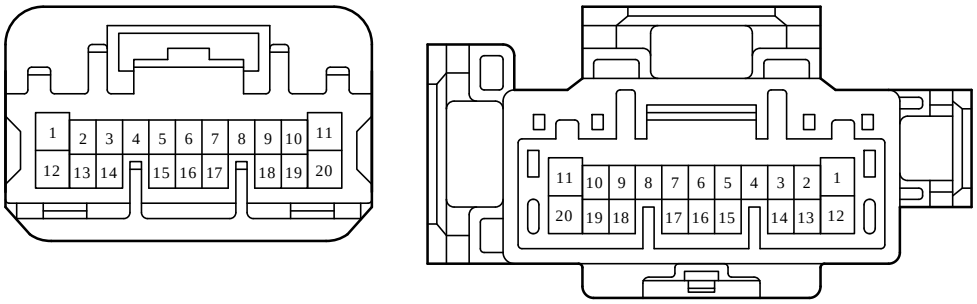
AJ4
White



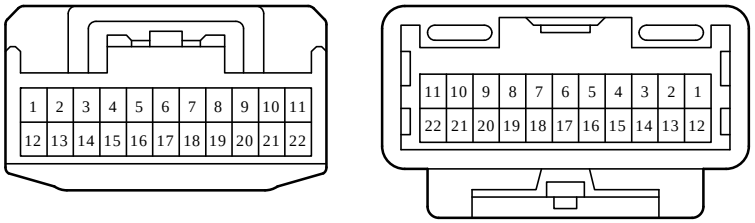
AJ5
Gray



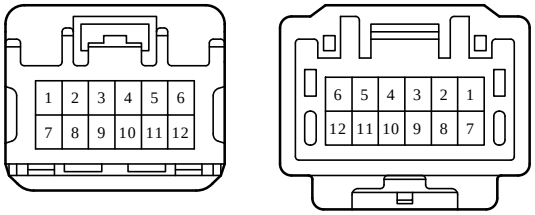
AJ9
White



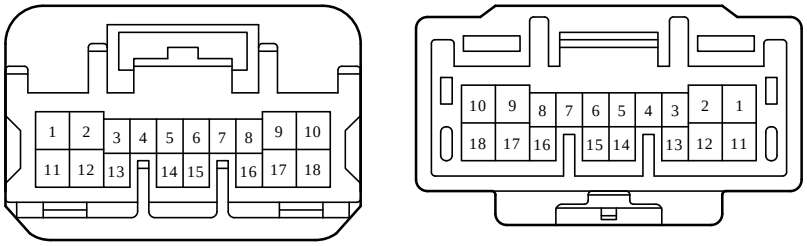
AJ10
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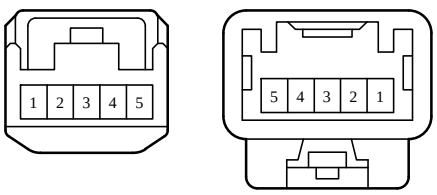
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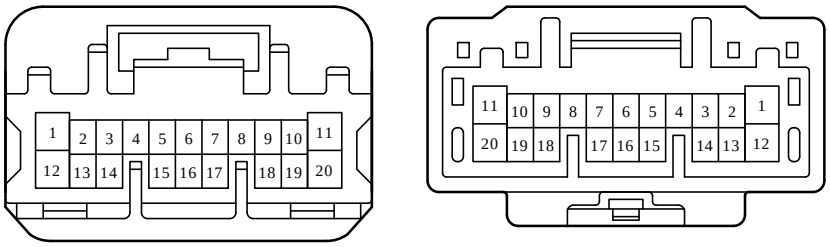
DA4
Gray



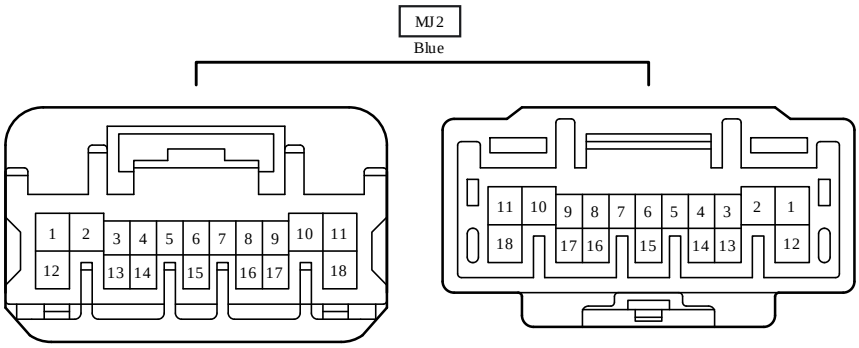
JJ2
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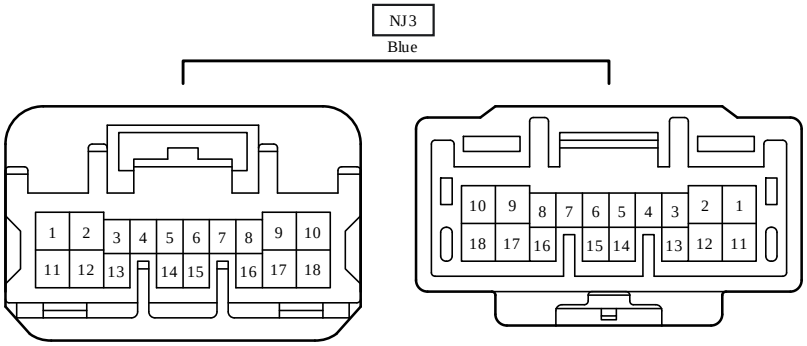
JW1
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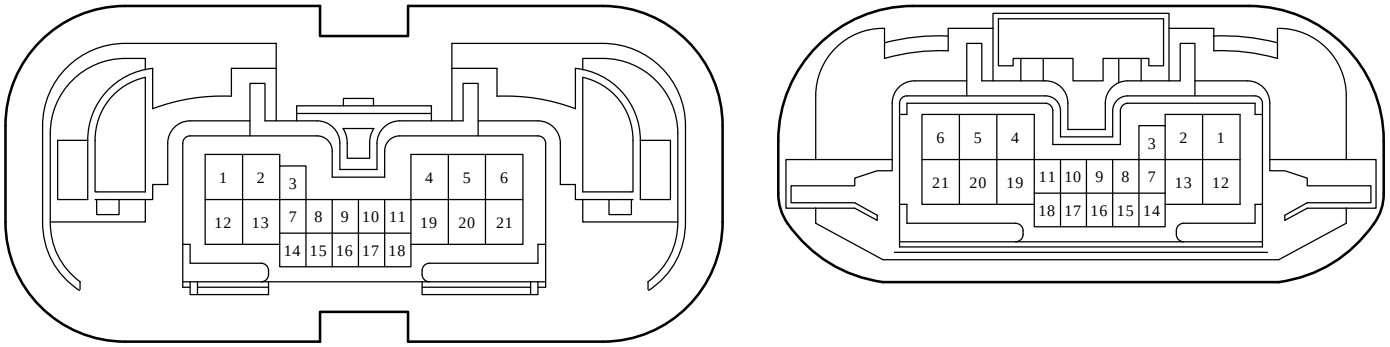
MJ2
Blue



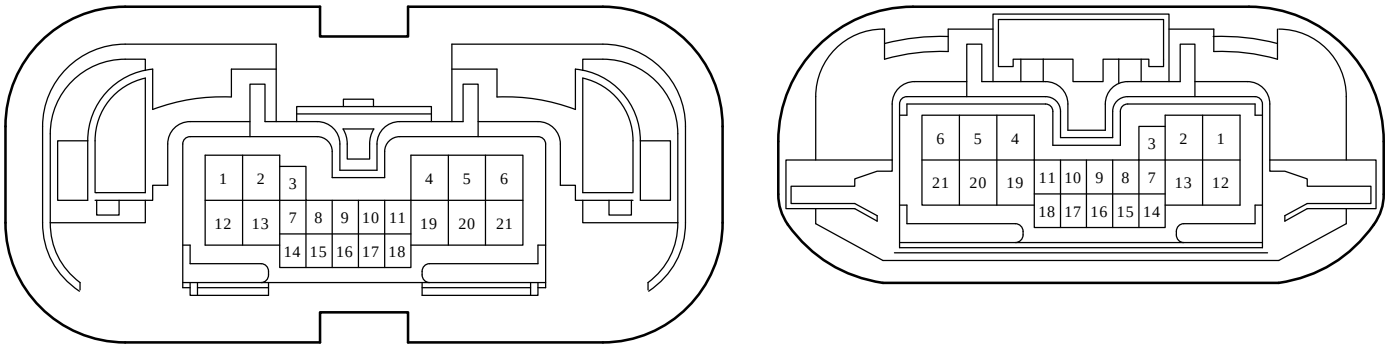
NJ3
Blue



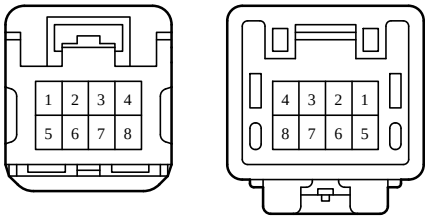
OP1
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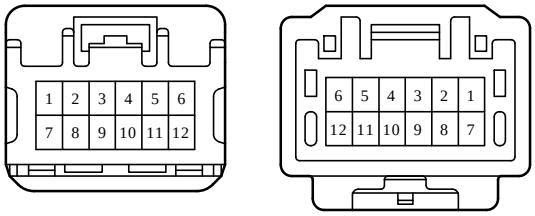
OQ1
White



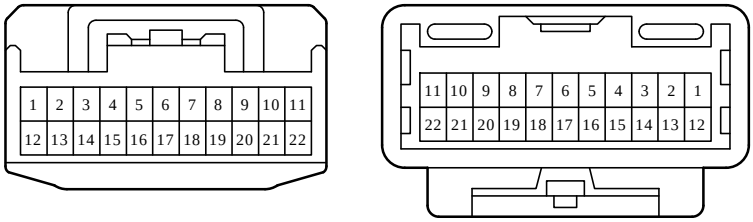
PJ1
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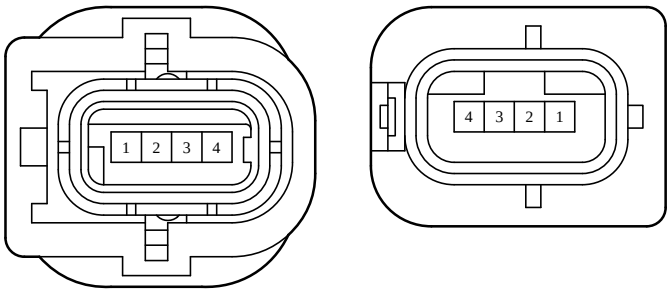
QJ2
Black

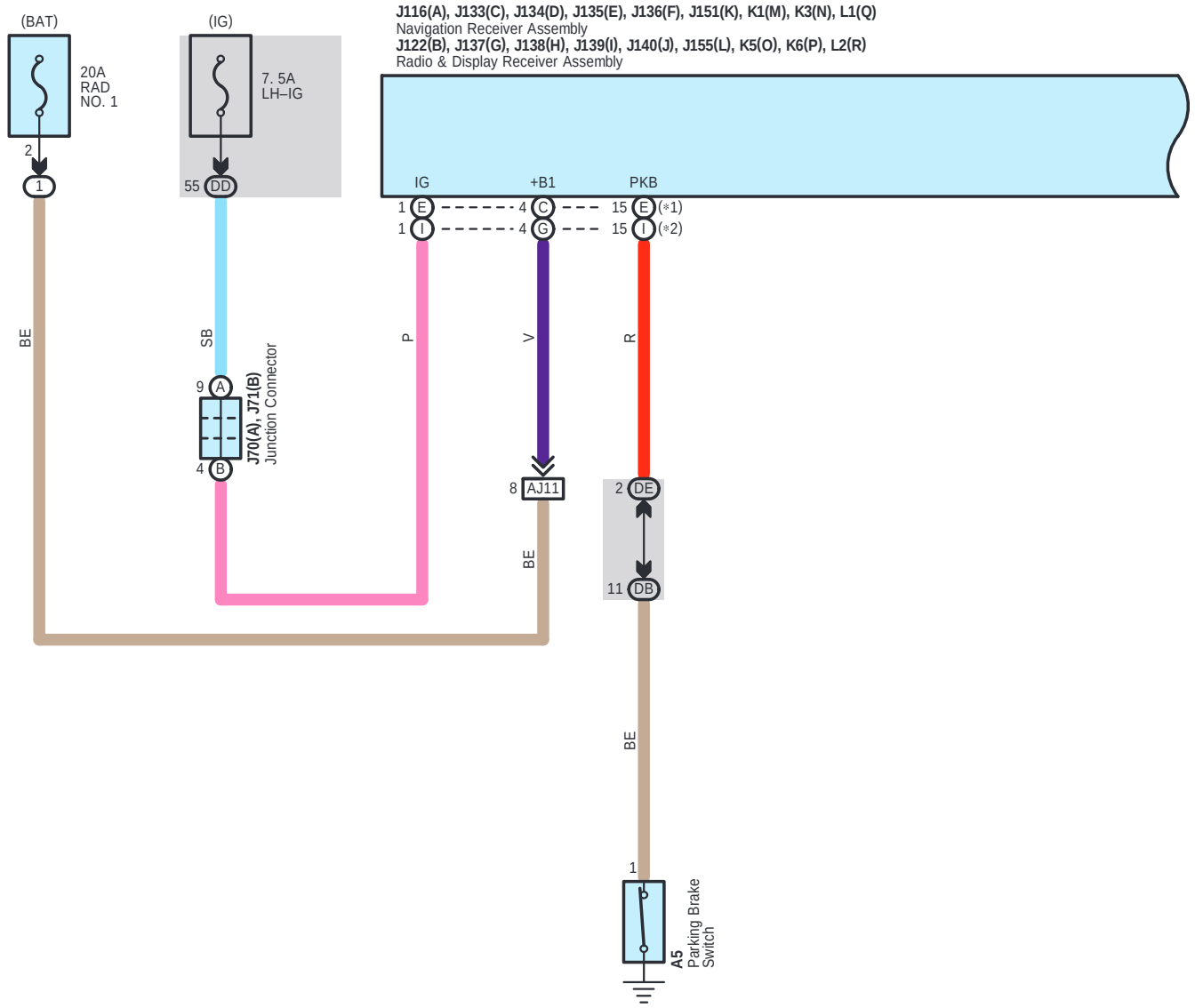


RA1
Black

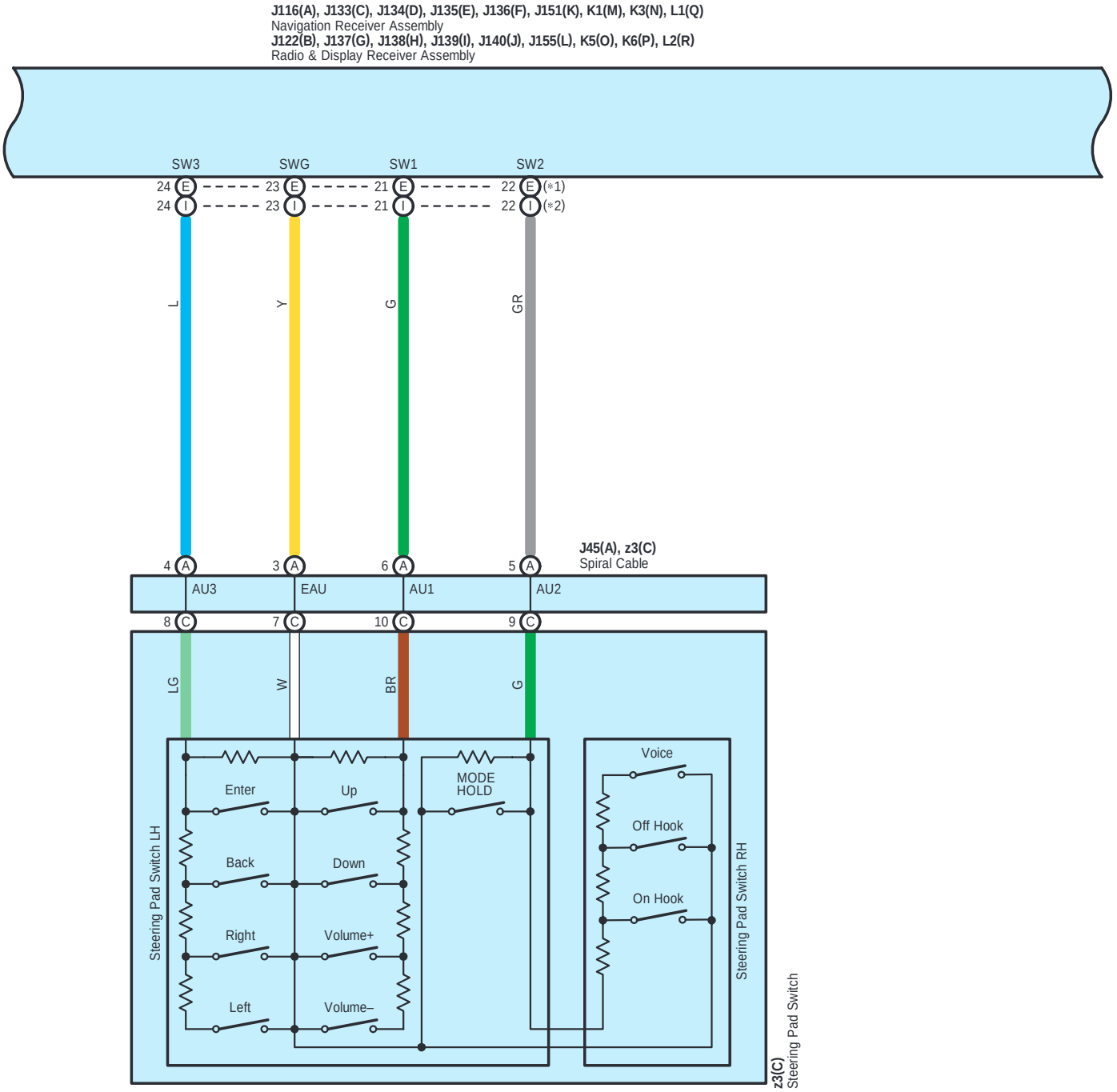


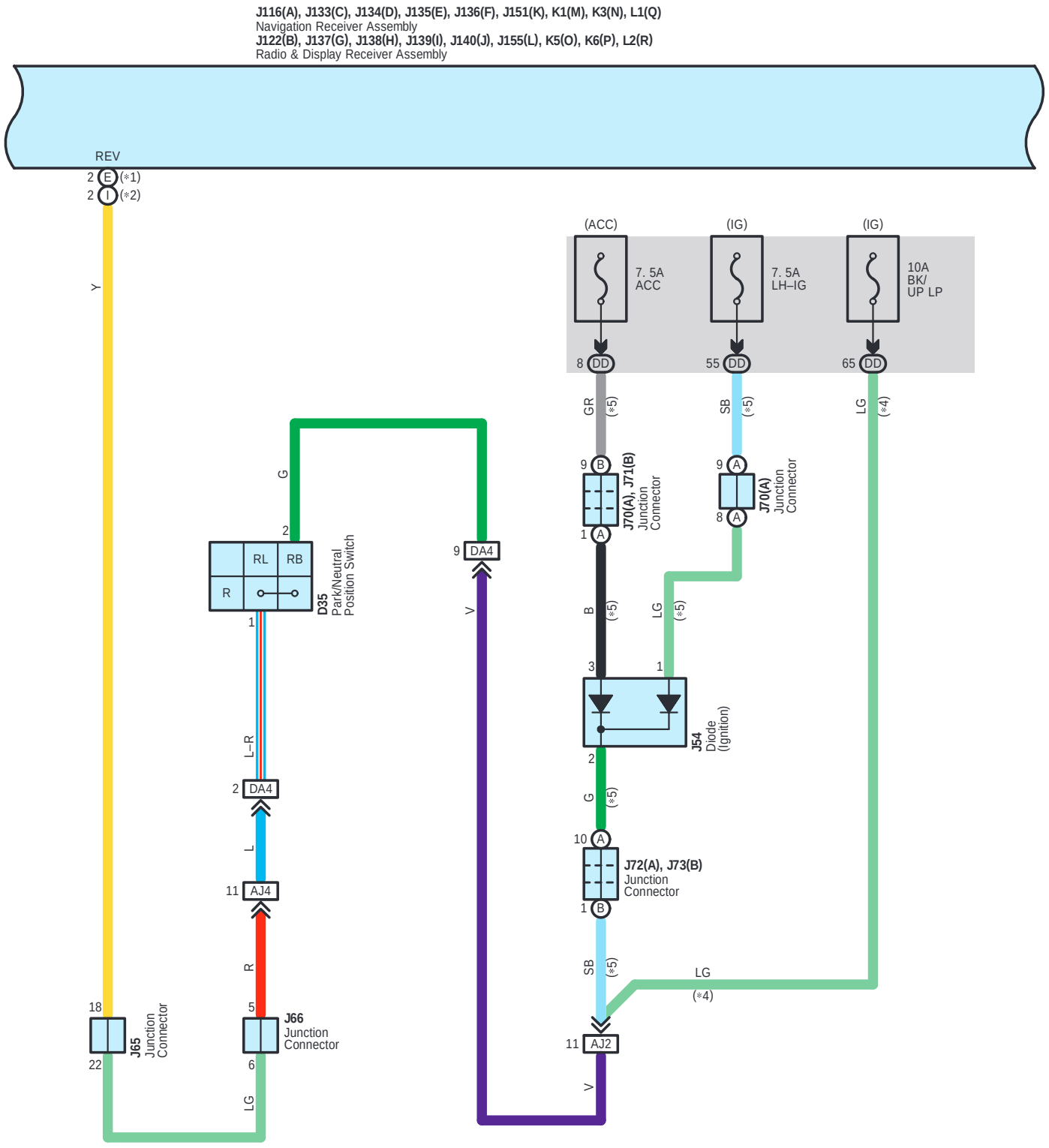
XR1
White

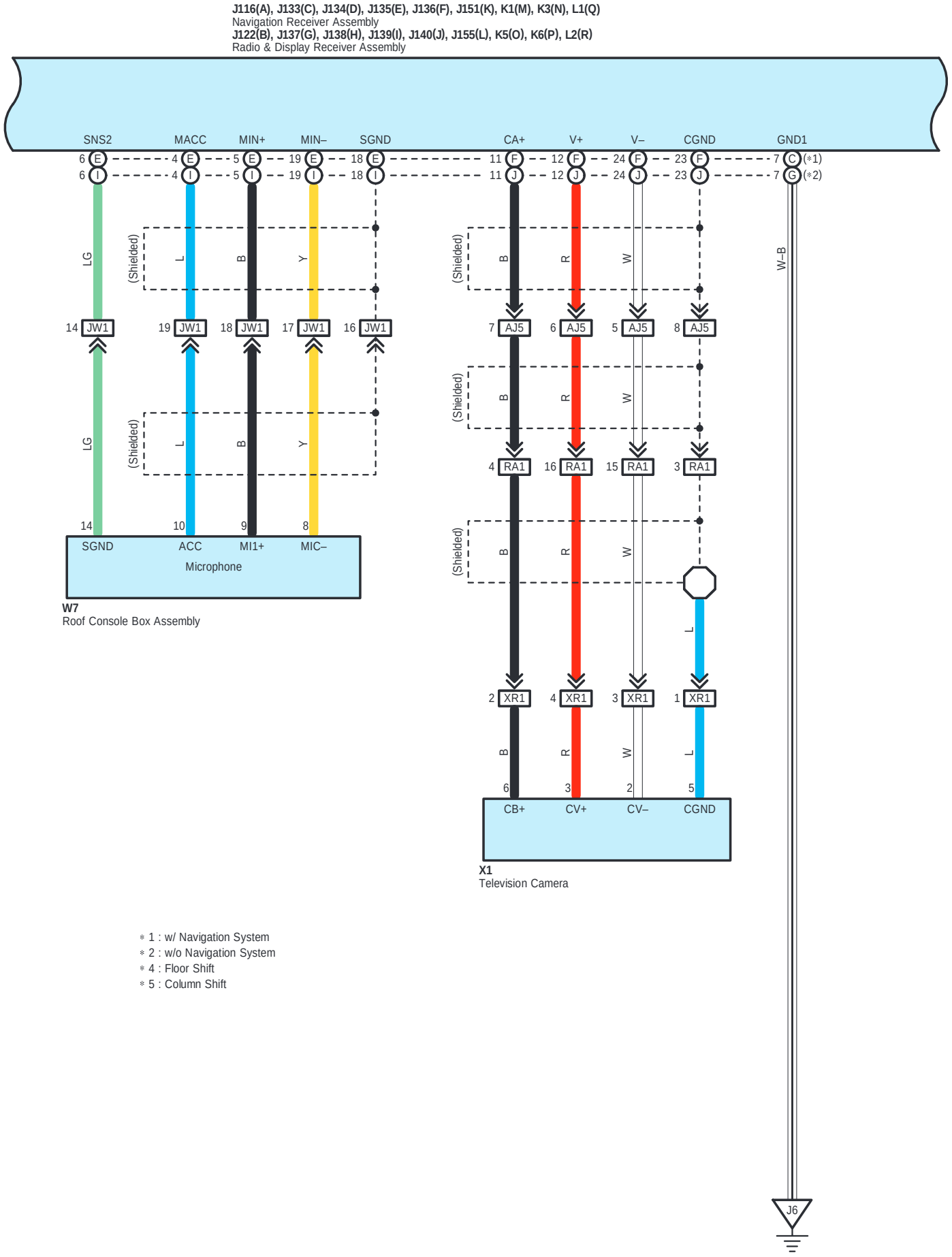




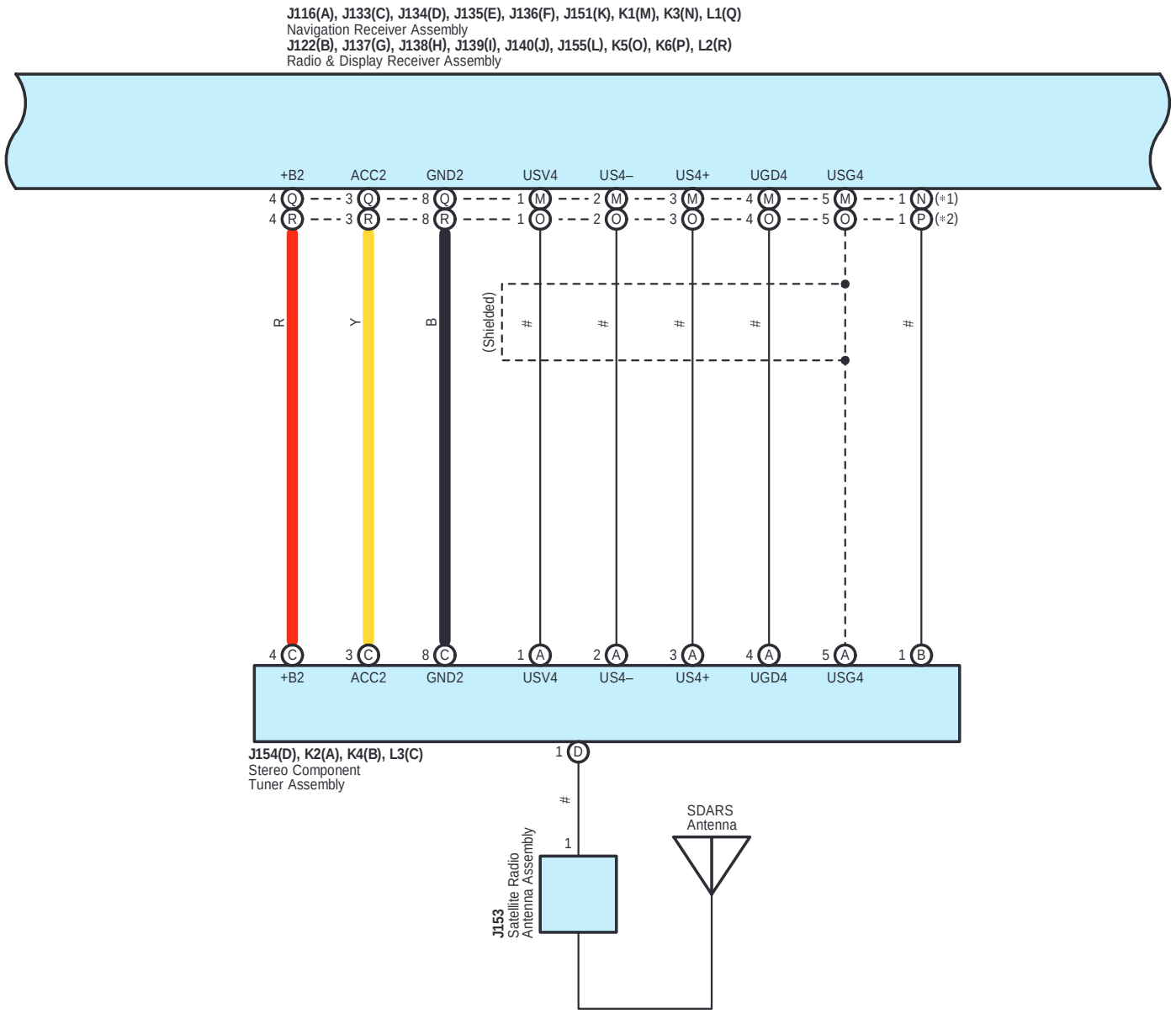
* 1 : w/ Navigation System
* 2 : w/o Navigation System


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SW3
SWG
SW1
SW2
24 E
24 I
23 E
23 I
21 E
21 I
22 E (*1)
22 I (*2)
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
REV
2 E (*1)
2 I (*2)
Y
(ACC)
(IG)
(IG)
7. 5A ACC
7. 5A LH–IG
10A BK/ UP LP
8 DD
55 DD
65 DD
GR (*5)
SB (*5)
LG (*4)
9 B
9 A
1 A
8 A
J70(A), J71(B) Junction Connector
J70(A) Junction Connector
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
9 DA4
V
B (*5)
LG (*5)
3
1
J54 Diode (Ignition)
L–R
2 DA4
L
11 AJ4
R
2
G (*5)
10 A
J72(A), J73(B) Junction Connector
1 B
SB (*5)
LG (*4)
18
22
J65 Junction Connector
5
6
J66 Junction Connector
LG
11 AJ2
V



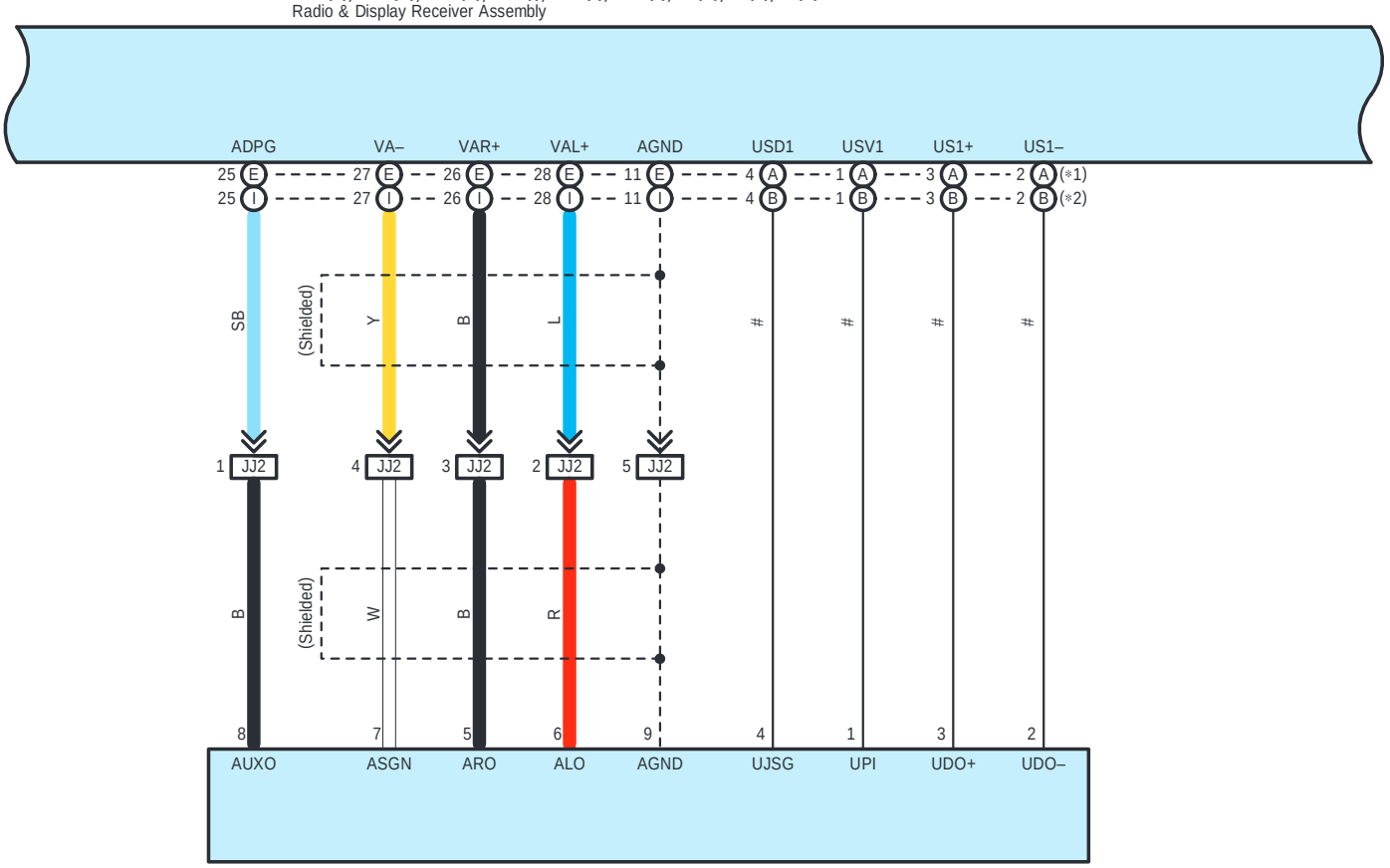
∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 4 : Floor Shift
∗ 5 : Column Shift



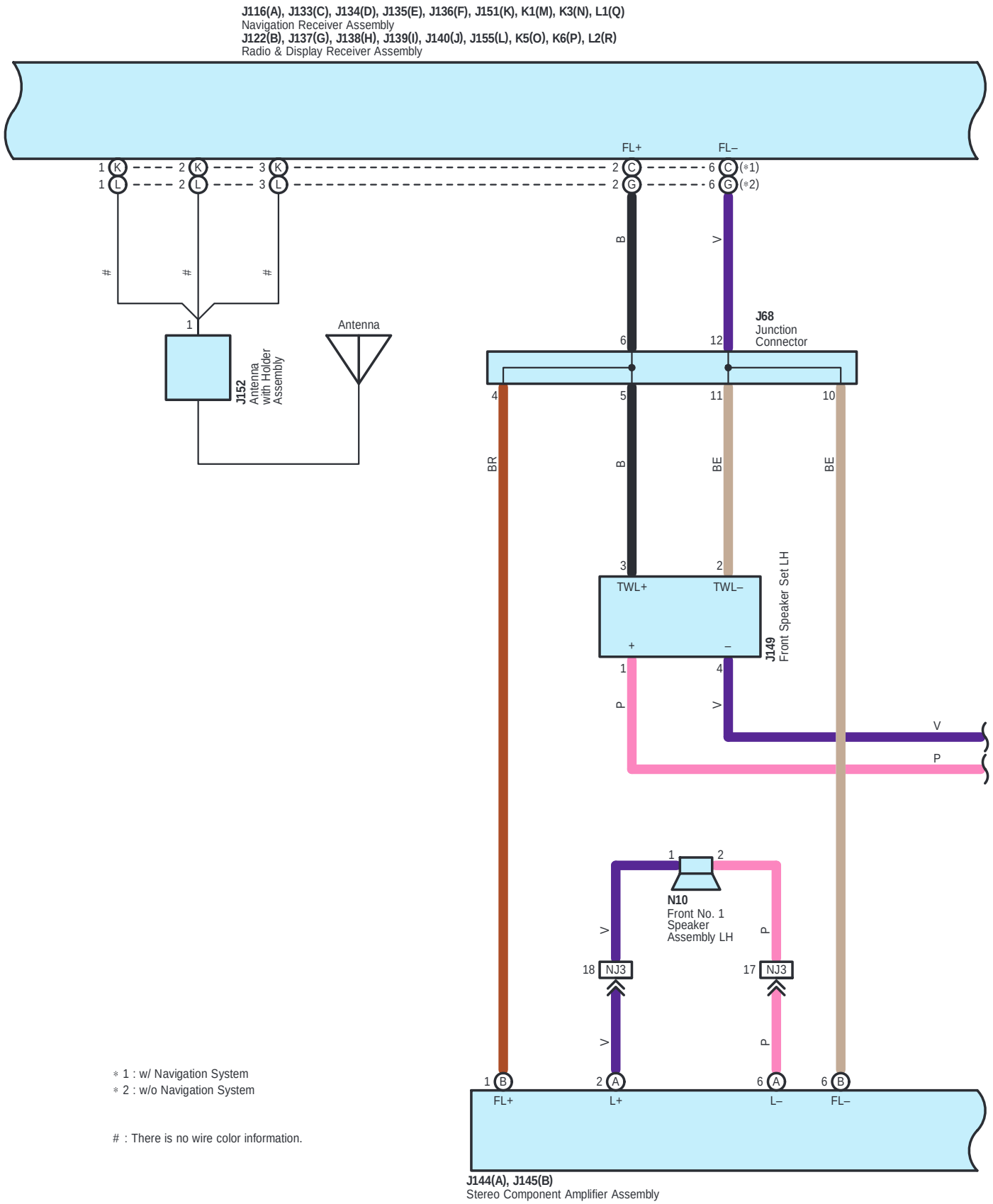
* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly

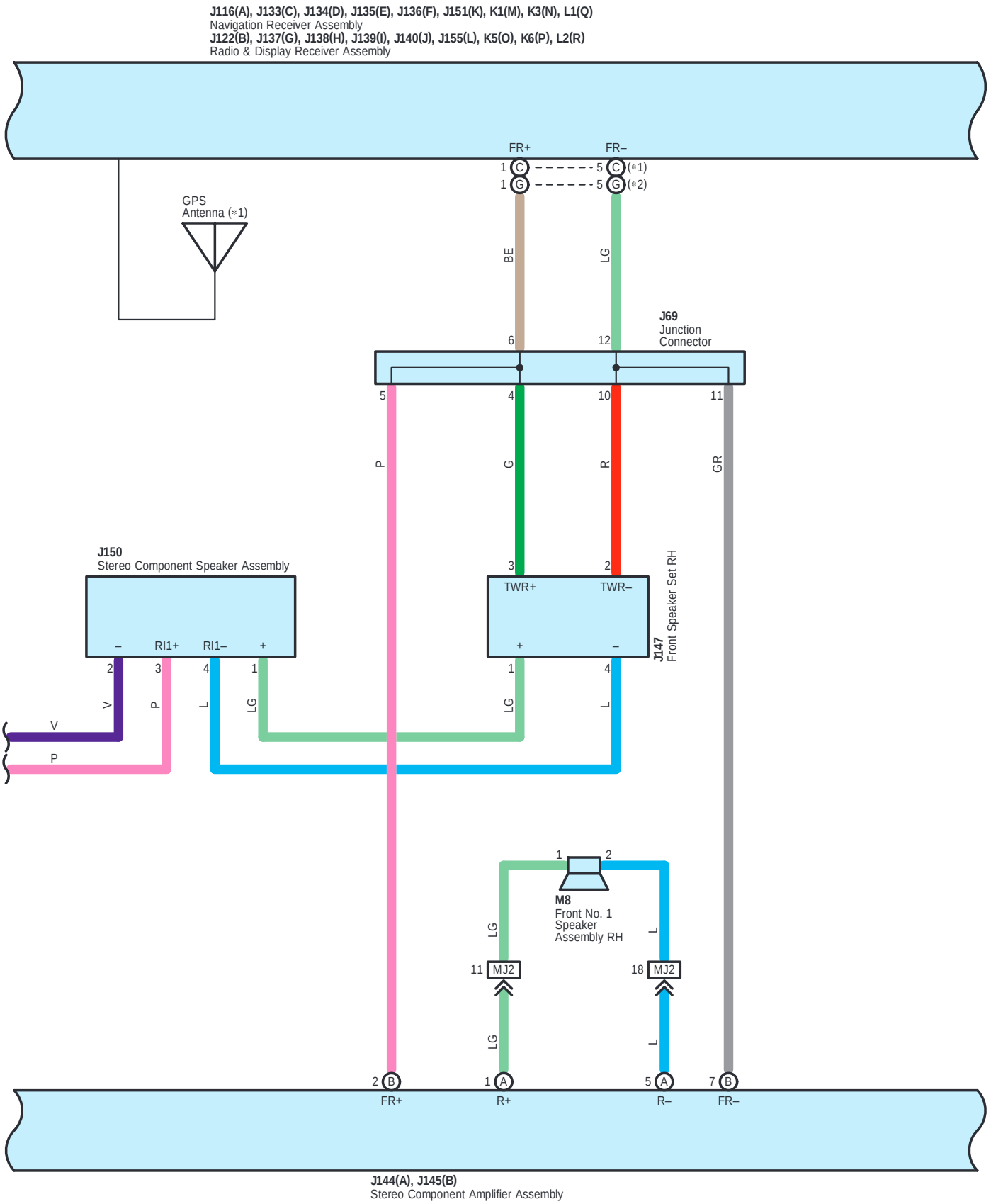


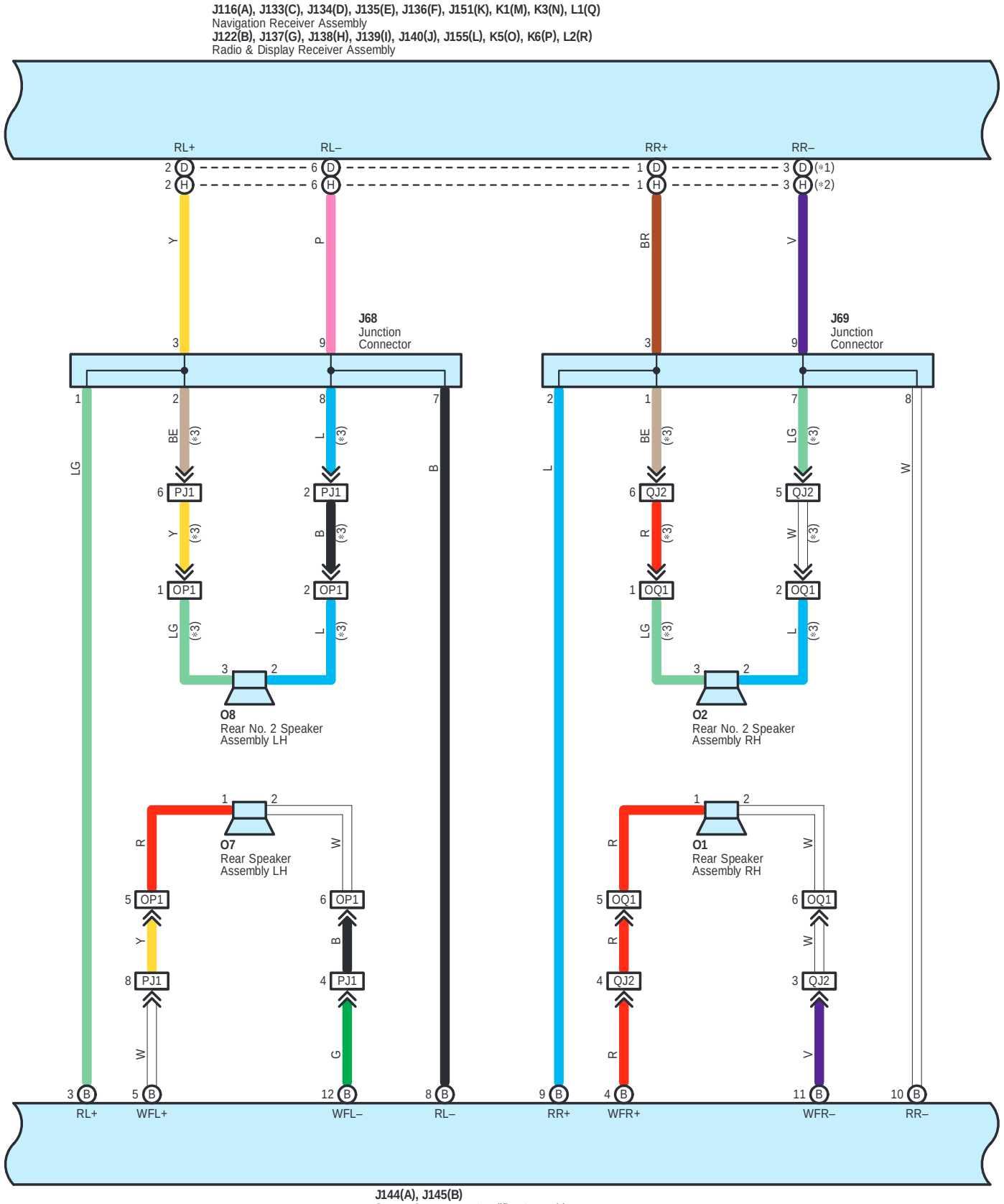
J100
Stereo Jack Adapter Assembly



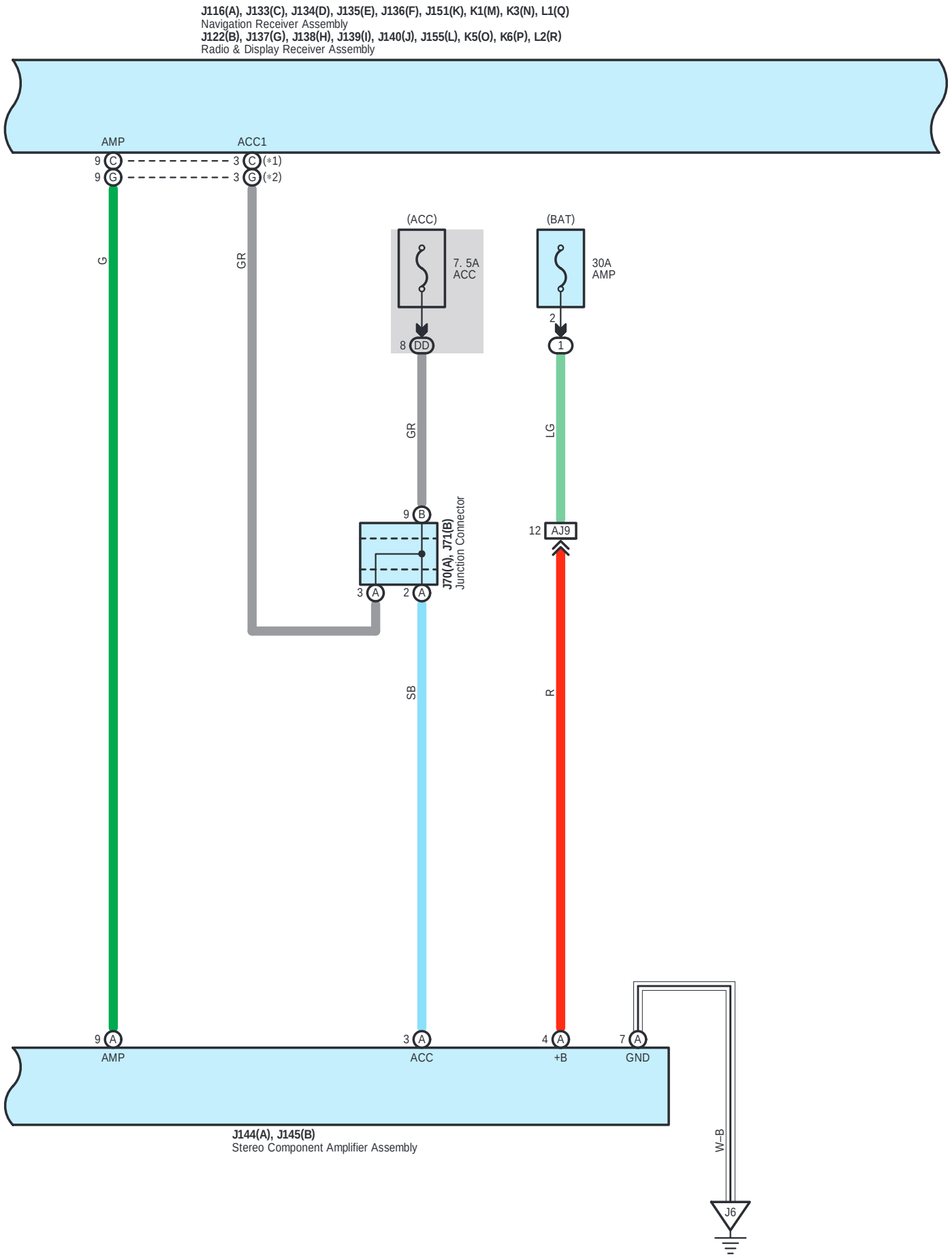
* 1 : w/ Navigation System
* 2 : w/o Navigation System

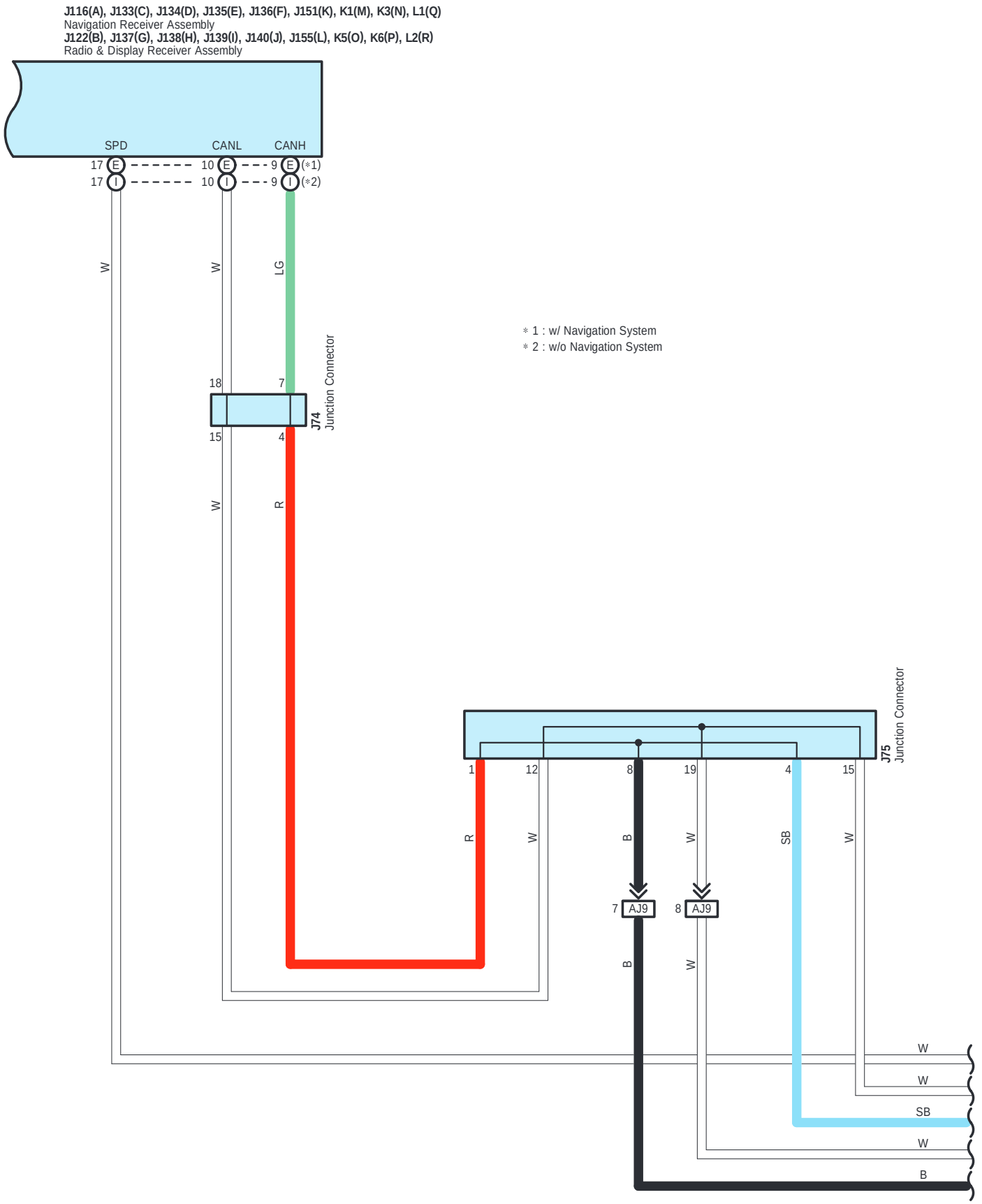
: There is no wire color information.

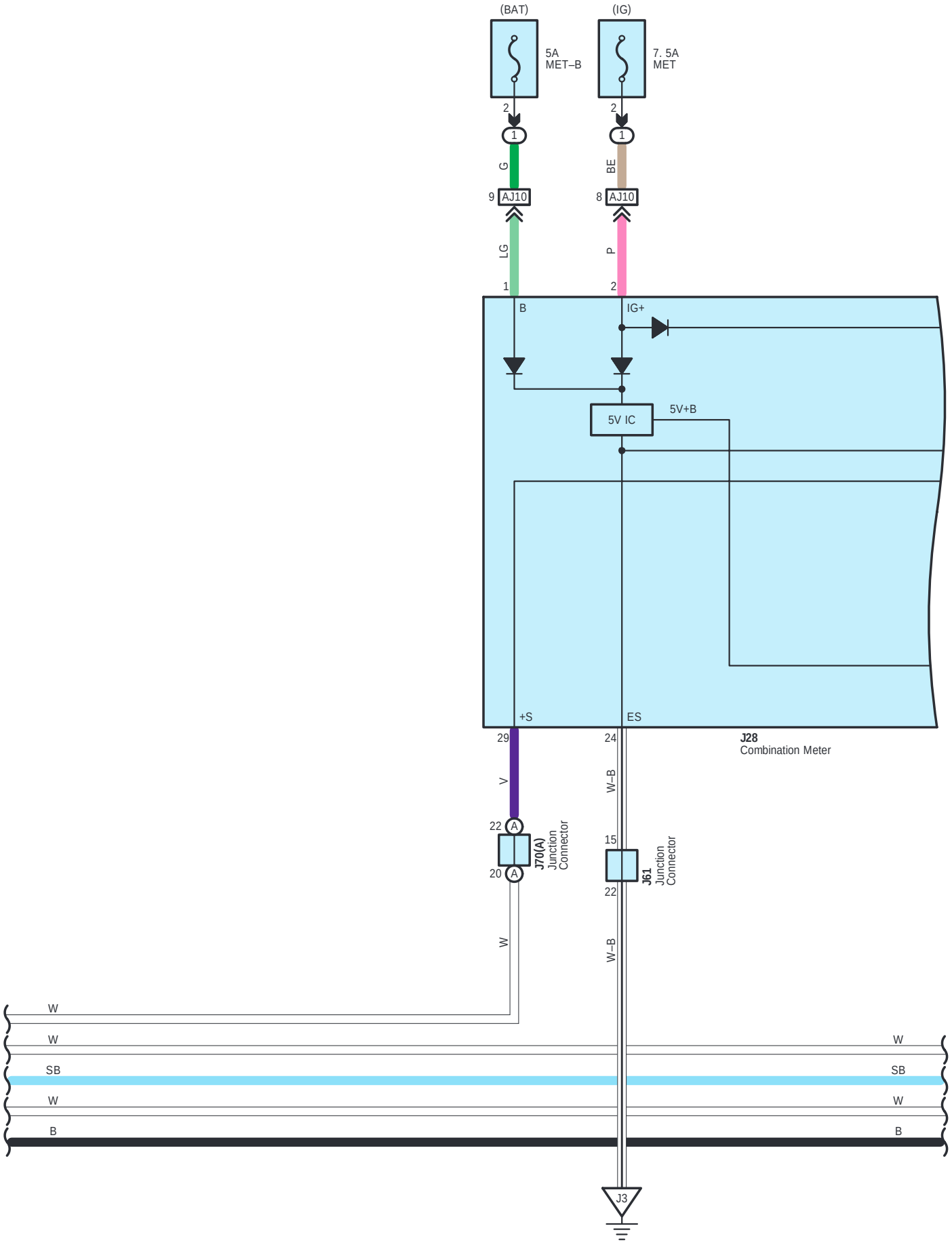

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
FR+
FR–
1 C
5 C (*1)
1 G
5 G (*2)
GPS Antenna (*1)
BE
LG
J69
Junction Connector
6
12
5
4
10
11
P
G
R
GR
J150
Stereo Component Speaker Assembly
– RI1+ RI1– +
2 3 4 1
V
P
L
LG
TWR+ TWR–
3 2
+ –
1 4
J147
Front Speaker Set RH
M8
Front No. 1 Speaker Assembly RH
1 2
11 MJ2
18 MJ2
2 B FR+
1 A R+
5 A R–
7 B FR–
J144(A), J145(B)
Stereo Component Amplifier Assembly

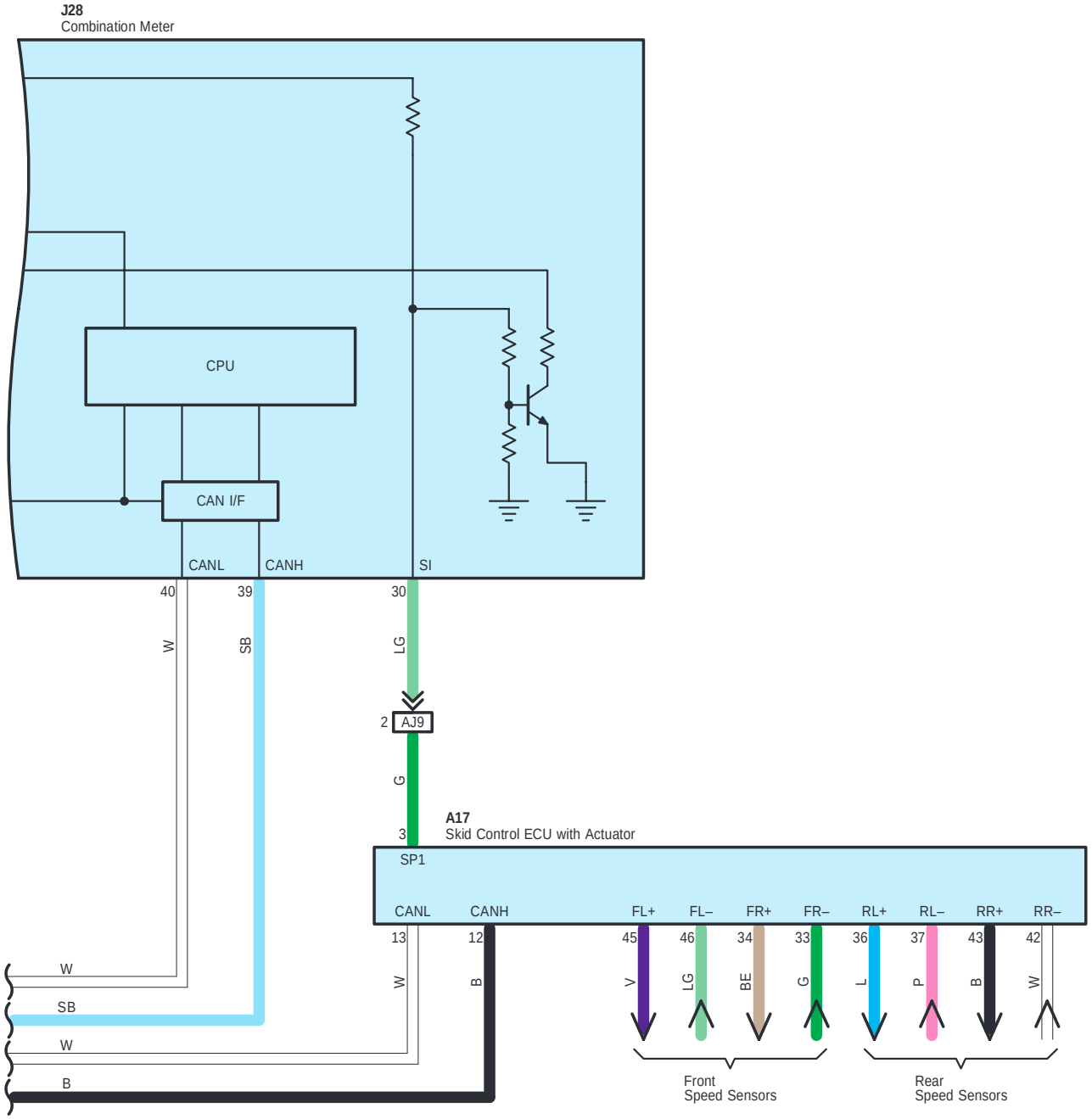


∗ 1 : w/ Navigation System
∗ 2 : w/o Navigation System
∗ 3 : 9 Speaker


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
AMP
ACC1
9 C
3 C (*1)
9 G
3 G (*2)
G
GR
(ACC)
7. 5A
ACC
8 DD
(BAT)
30A
AMP
2
1
GR
LG
9 B
J70(A), J71(B)
Junction Connector
3 A
2 A
12 AJ9
SB
R
9 A
AMP
3 A
ACC
4 A
+B
7 A
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly
W-B
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
SPD
CANL
CANH
17 E
17 I
10 E
10 I
9 E (*1)
9 I (*2)
W
W
LG
18
7
15
4
J74
Junction Connector
W
R
* 1 : w/ Navigation System
* 2 : w/o Navigation System
J75
Junction Connector
1
12
8
19
4
15
R
W
B
W
SB
W
7 AJ9
8 AJ9
B
W
W
W
SB
W
B

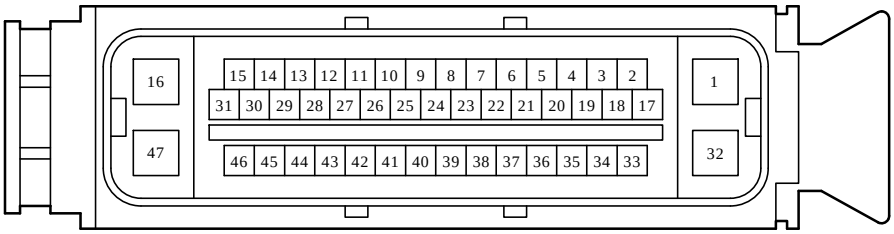

(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
B
IG+
5V IC
5V+B
+S
ES
29
24
J28
Combination Meter
V
W–B
22 A
20 A
J70(A)
Junction
Connector
15
22
J61
Junction
Connector
W
W–B
W
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
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SB
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B
Front
Speed Sensors
Rear
Speed Sensors

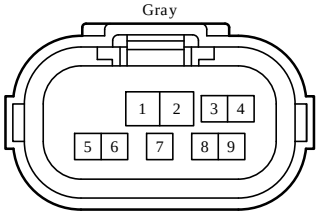
A 5
White



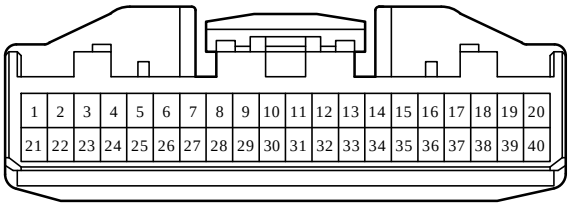
A 17
Black



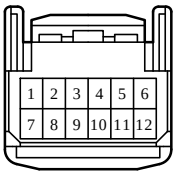
D 35
Gray



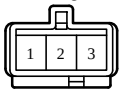
J 28
Black



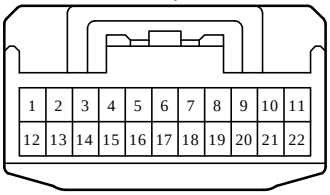
J 45
Black



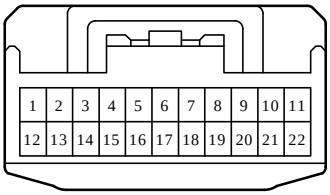
J 54
Orange



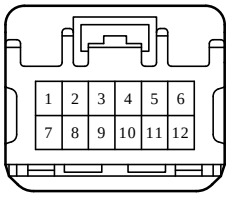
J 61
Gray



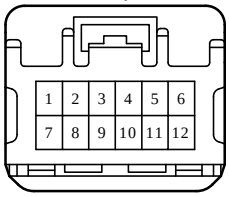
J 65
White



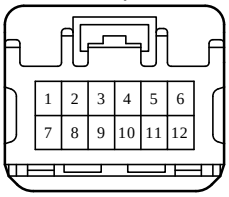
J 66
Black



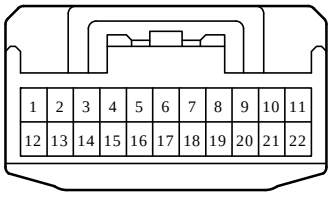
J 68
Gray



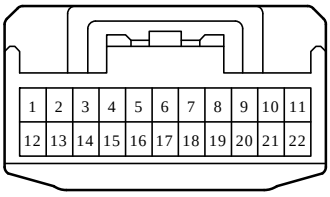
J 69
Gray



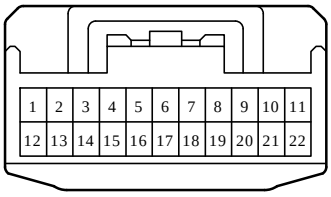
J 70
Blue



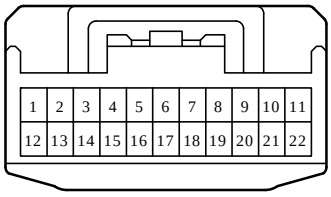
J 71
White



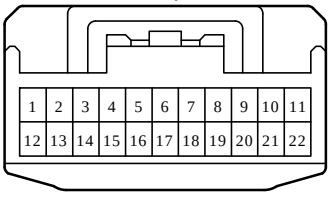
J 72
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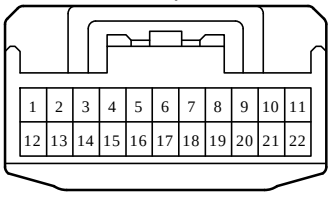
J 73
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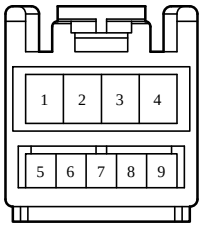
J 74
Gray



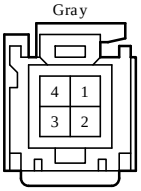
J 75
Gray



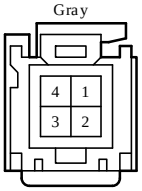
J100
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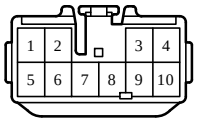
J116
Gray



J122
Gray



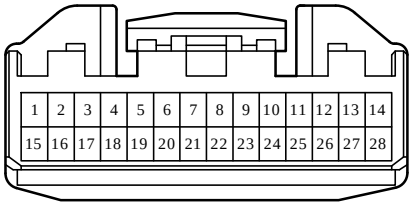
J133
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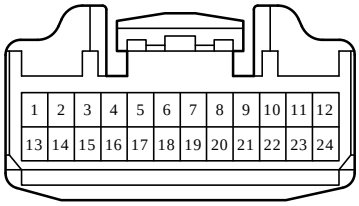
J134
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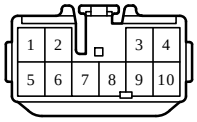
J135
White



J136
White



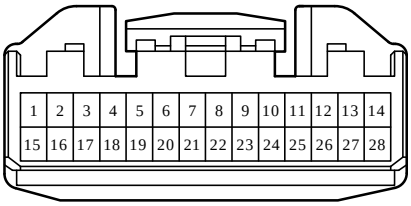
J137
White



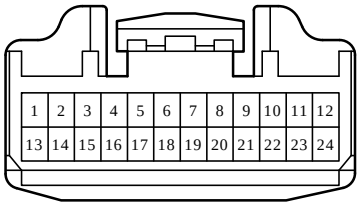
J138
White



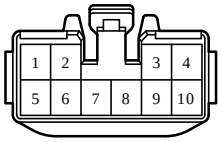
J139
White



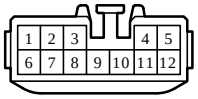
J140
White



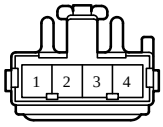
J144
White



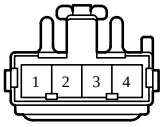
J145
White



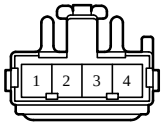
J147
Black



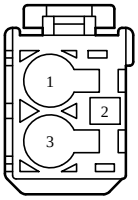
J149
Black



J150
White



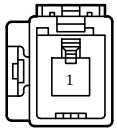
J151
White



J152
Gray



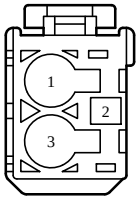
J153
Blue



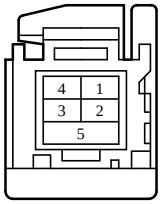
J154
Black



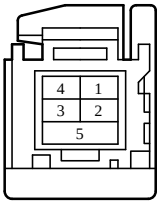
J155
White



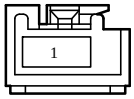
K 1
Brown



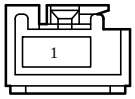
K 2
Brown



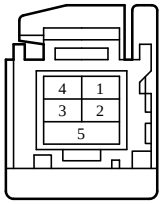
K 3
White



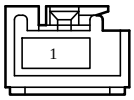
K 4
White



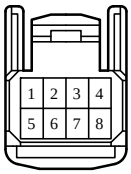
K 5
Brown



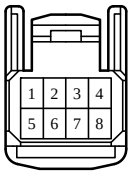
K 6
White



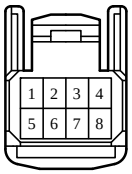
L 1
White



L 2
White



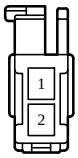
L 3
White



M 8
White



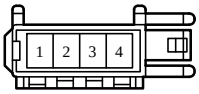
N 10
White



O 1
White



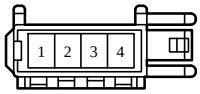
O 2
White



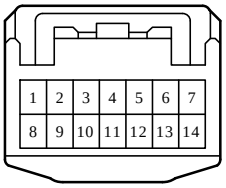
O 7
White



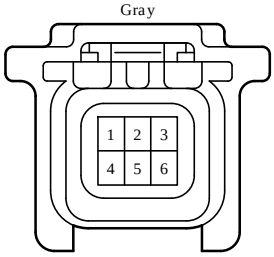
O 8
White



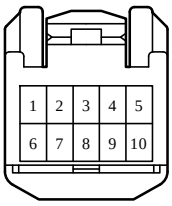
W 7
White



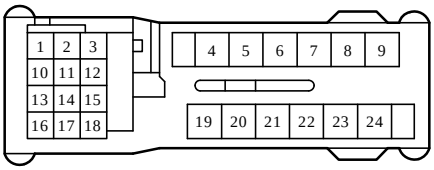
X 1
Gray



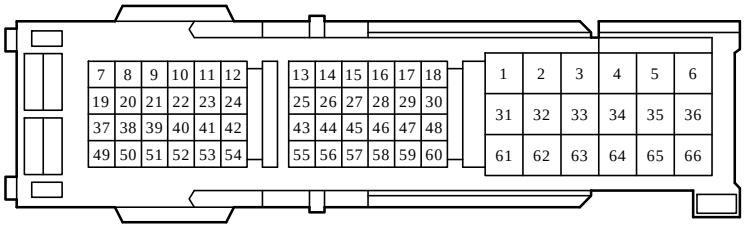
z 3
White



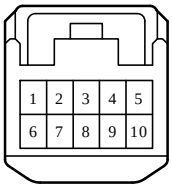
DB
White



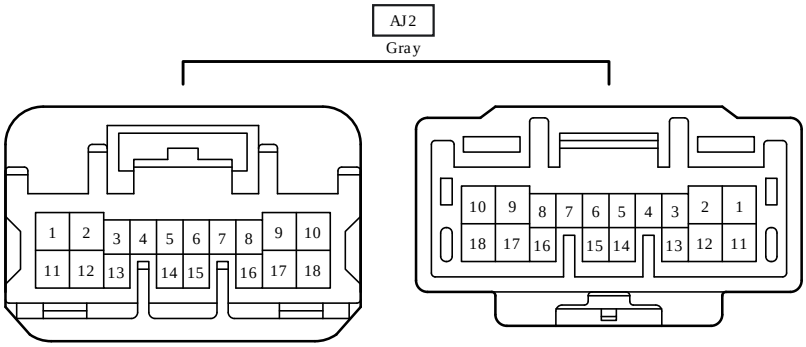
DD
White



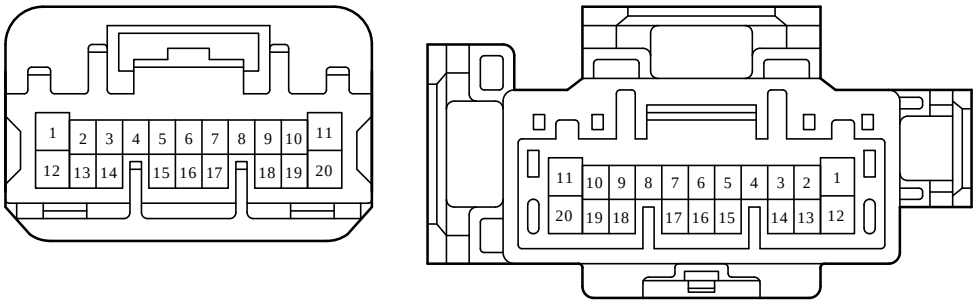
DE
White



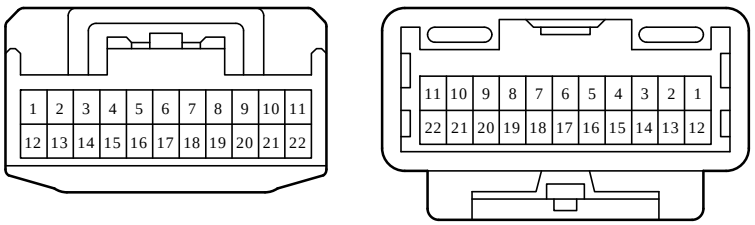
AJ2
Gray



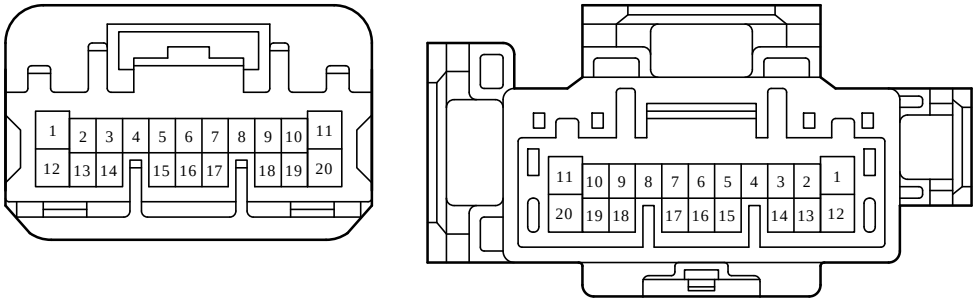
AJ4
White



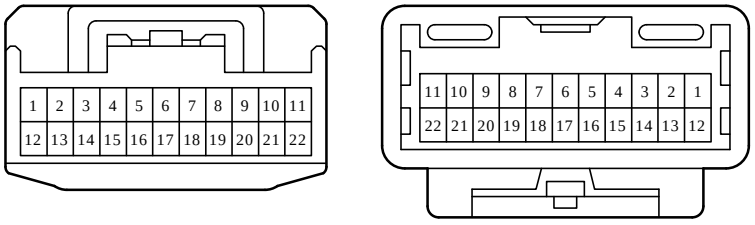
AJ5
Gray



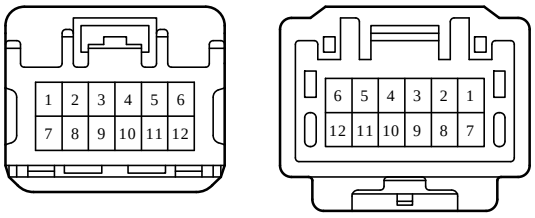
AJ9
White



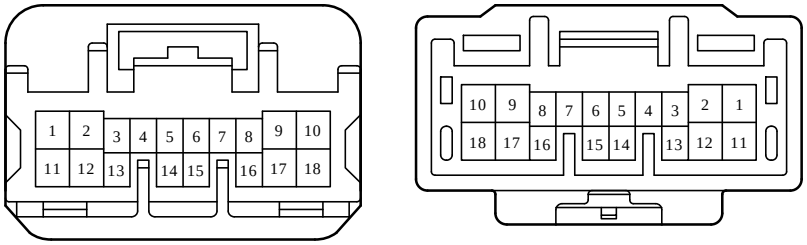
AJ10
Gray



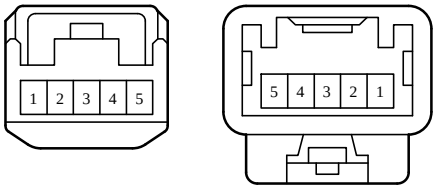
AJ11
Gray



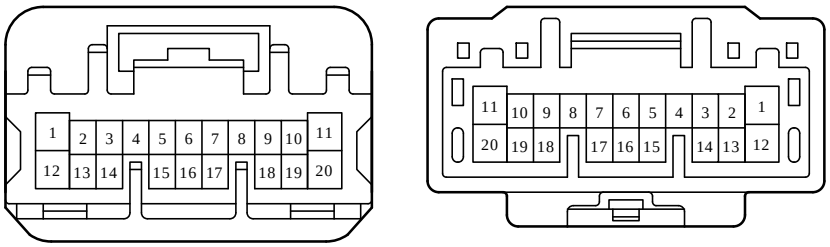
DA4
Gray



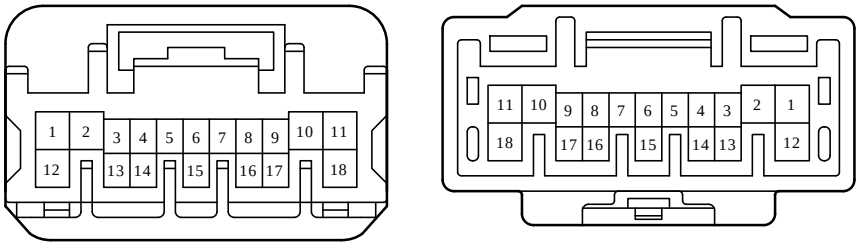
JJ2
White



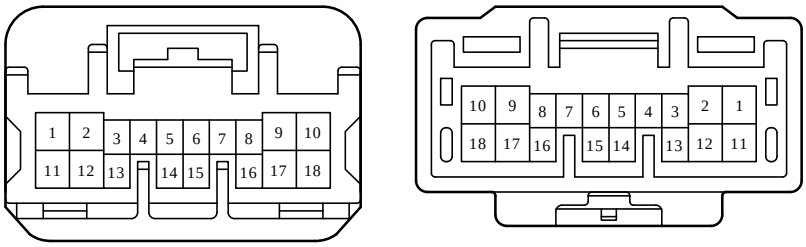
JW1
White



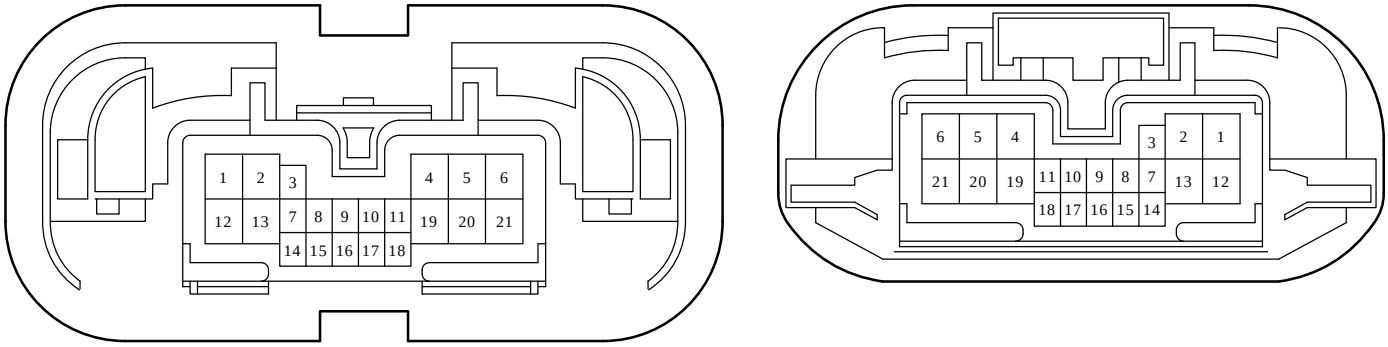
MJ2
Blue



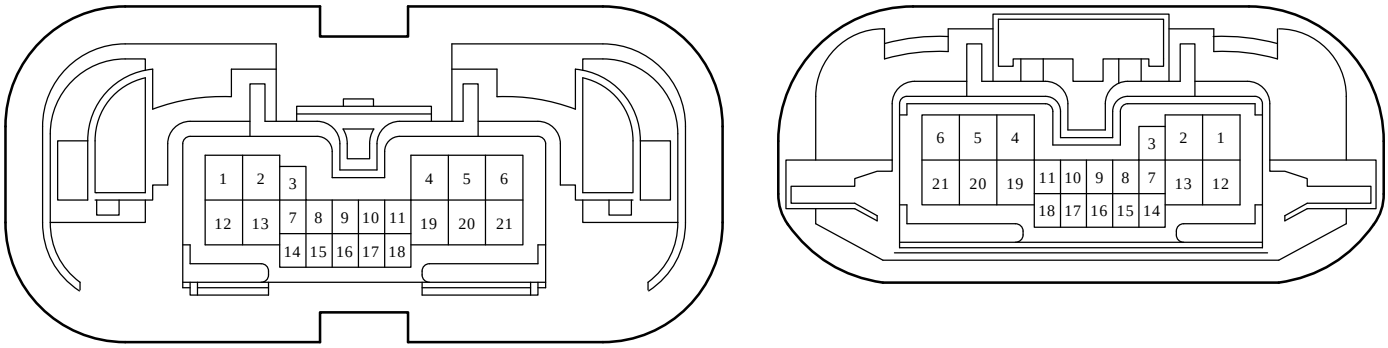
NJ3
Blue



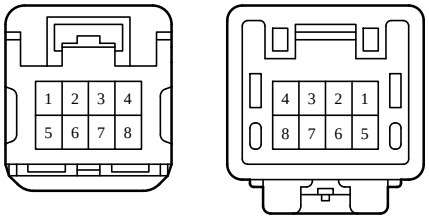
OP1
White



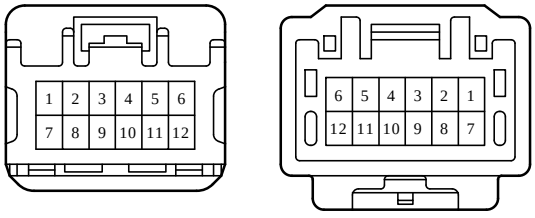
OQ1
White

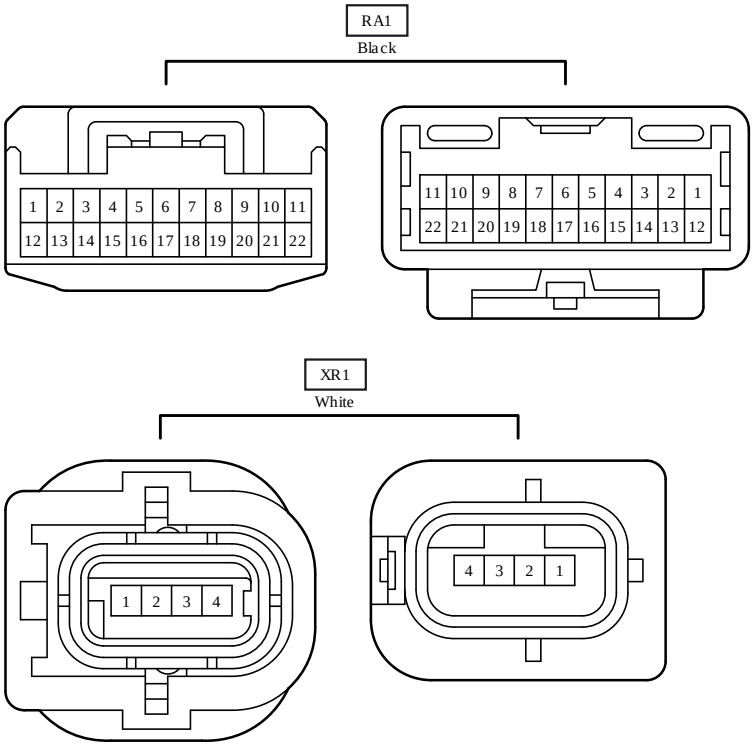


PJ1
Black

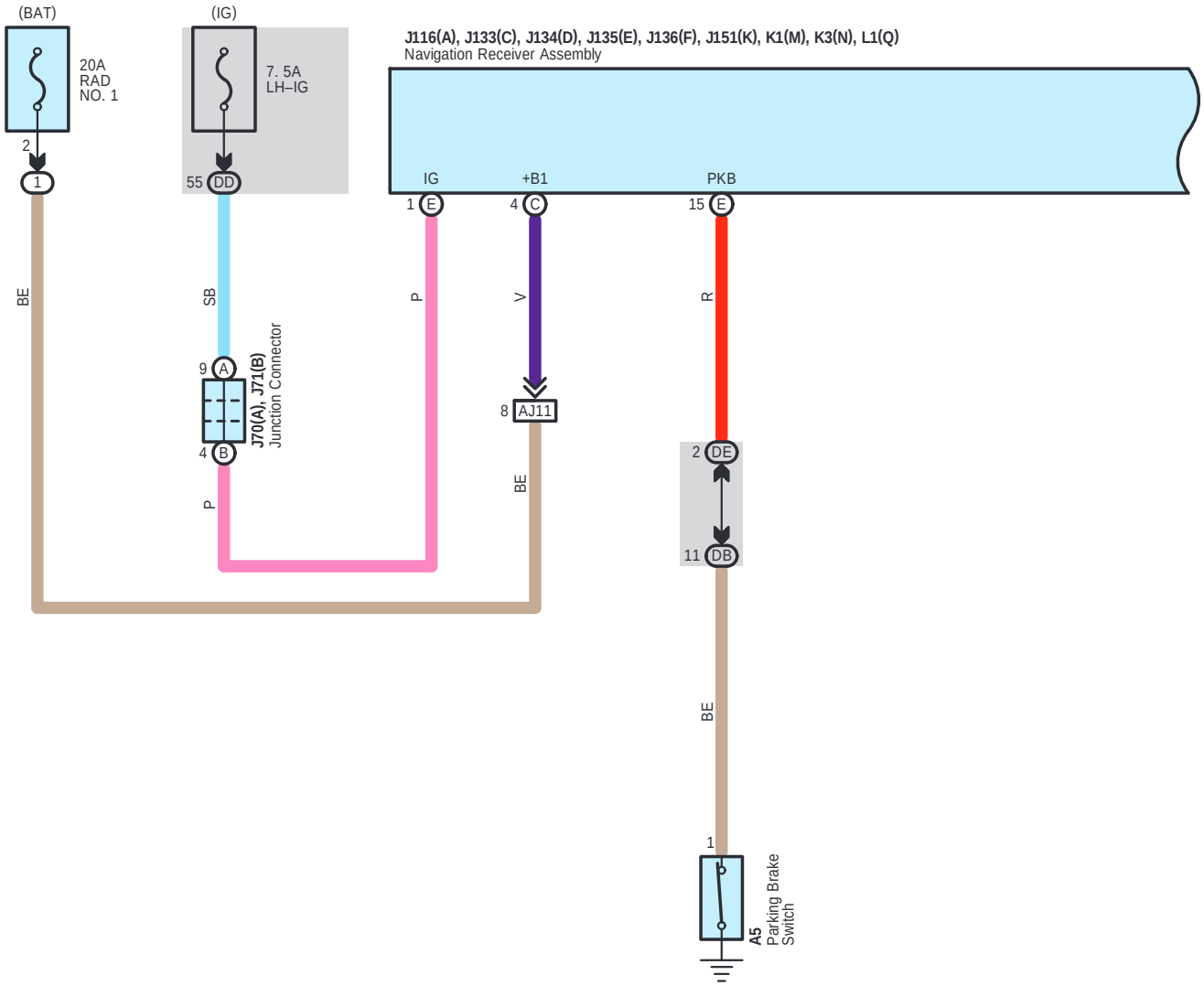


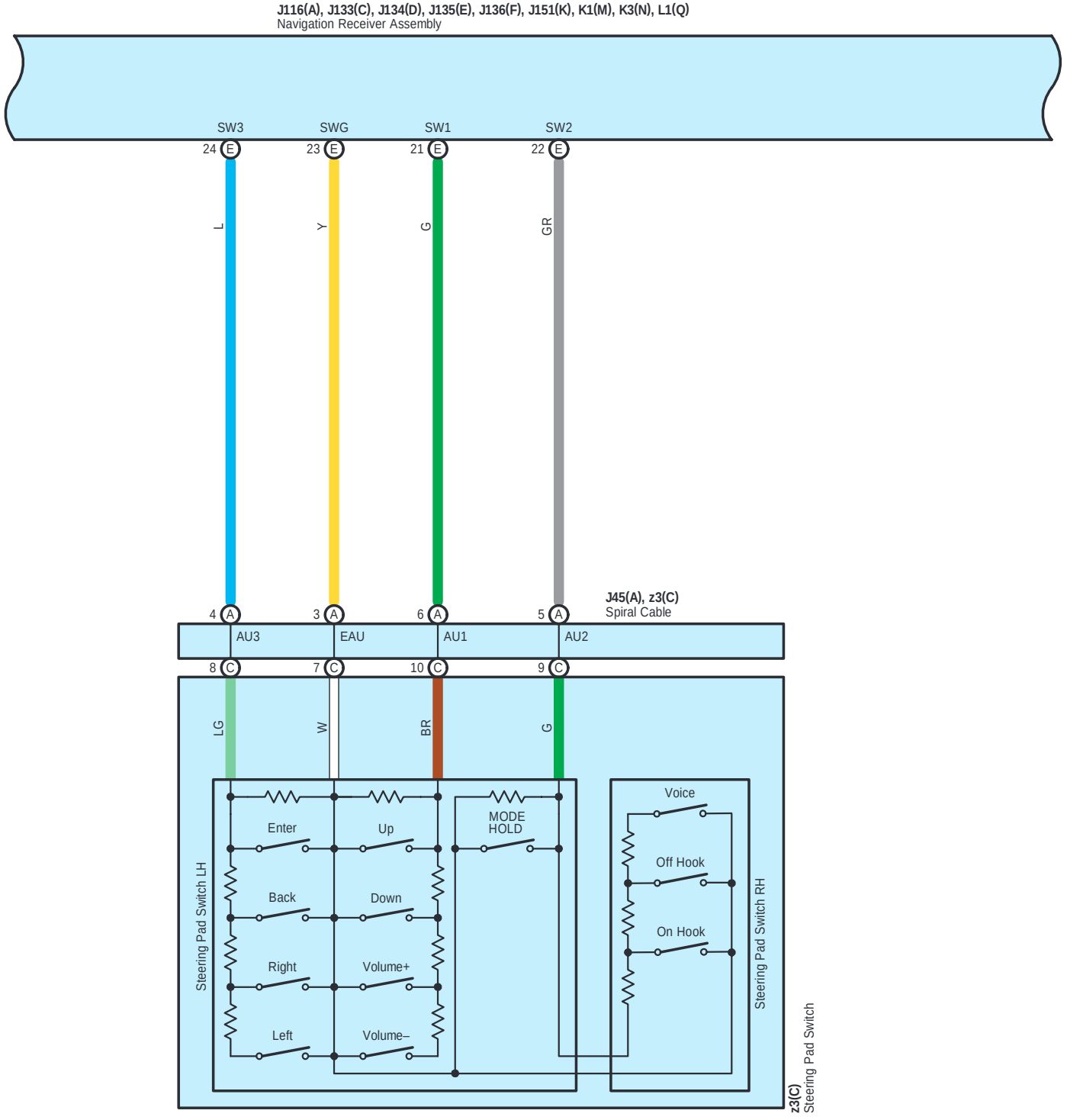
QJ2
Black

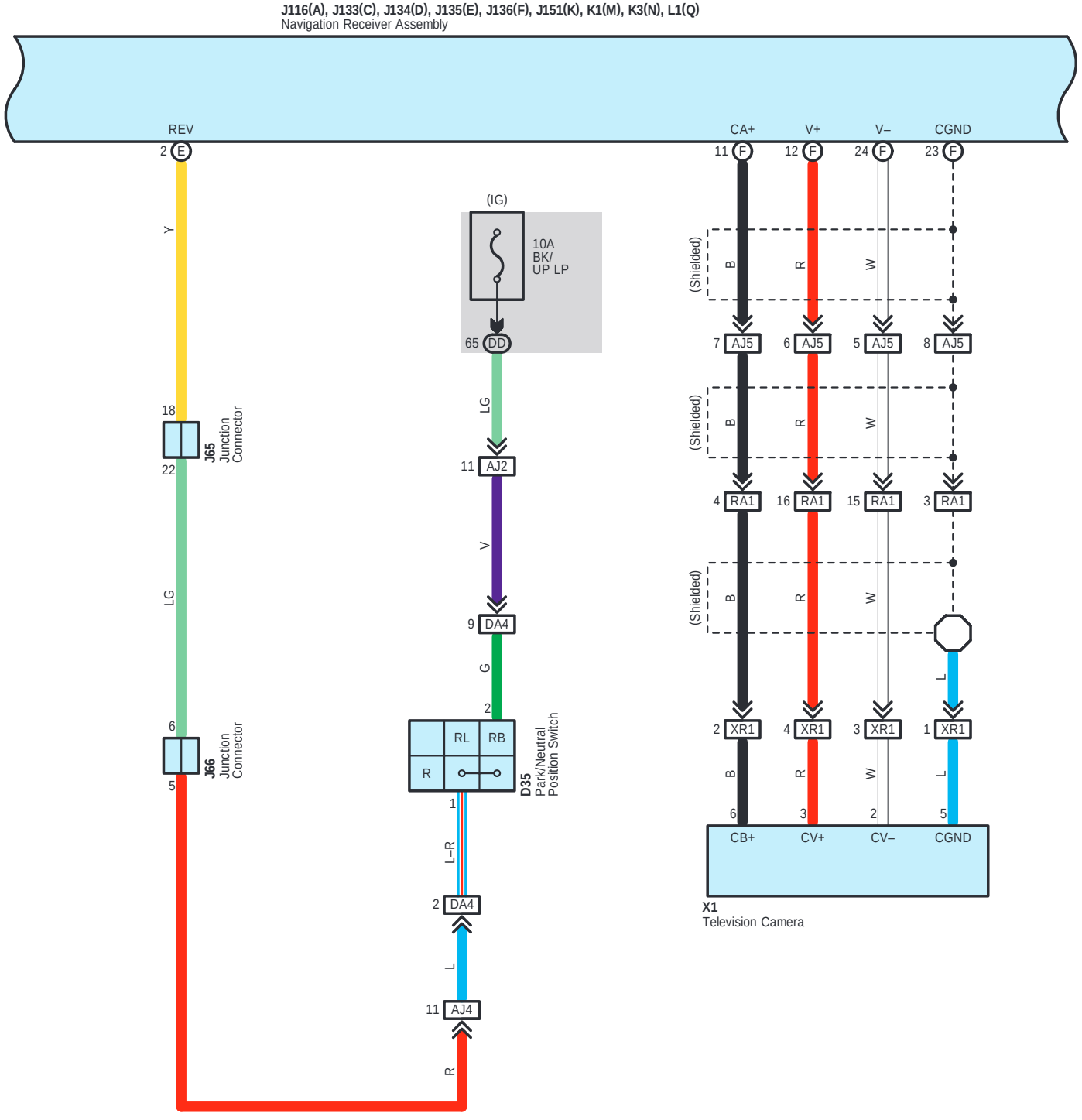


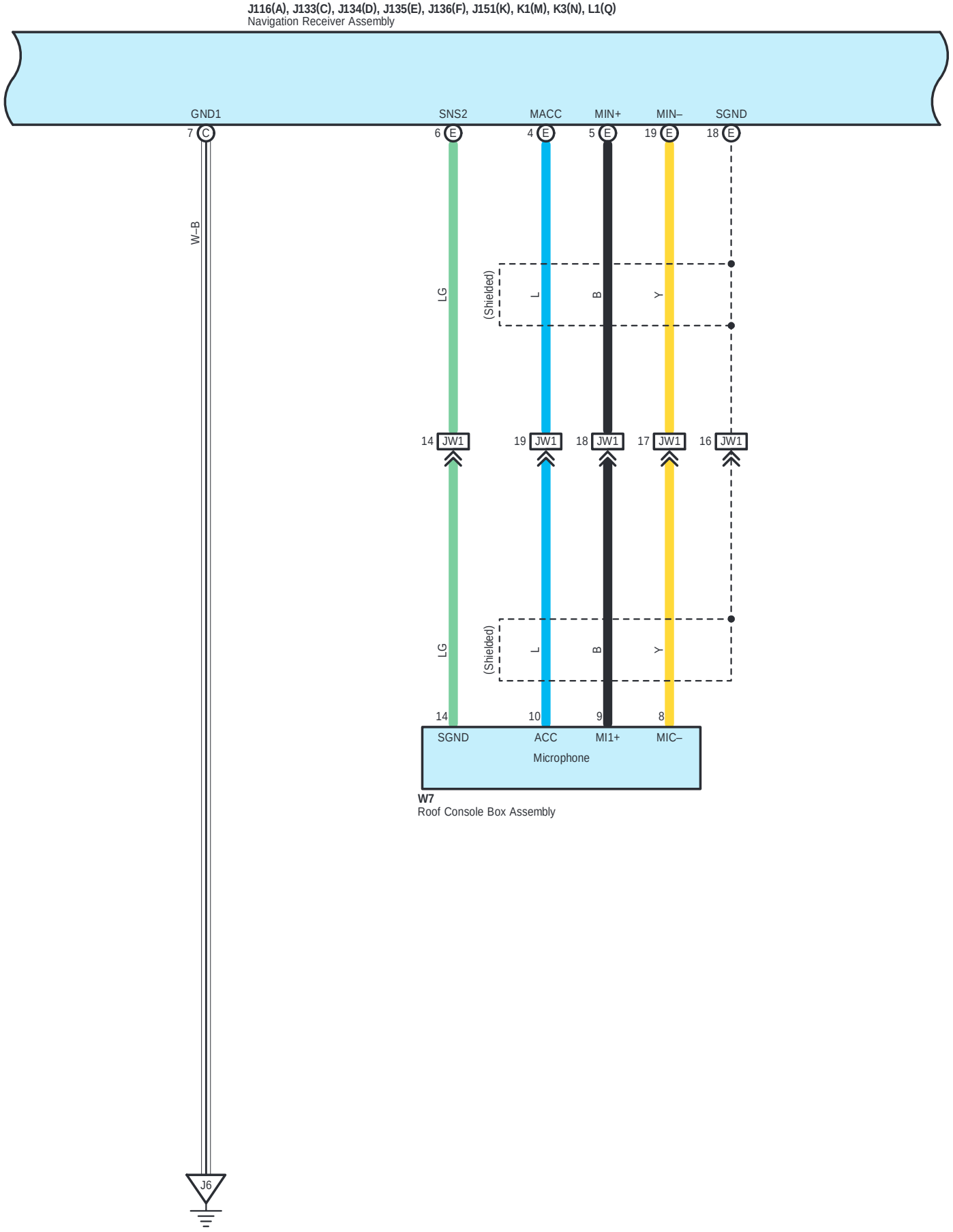

RA1
Black
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

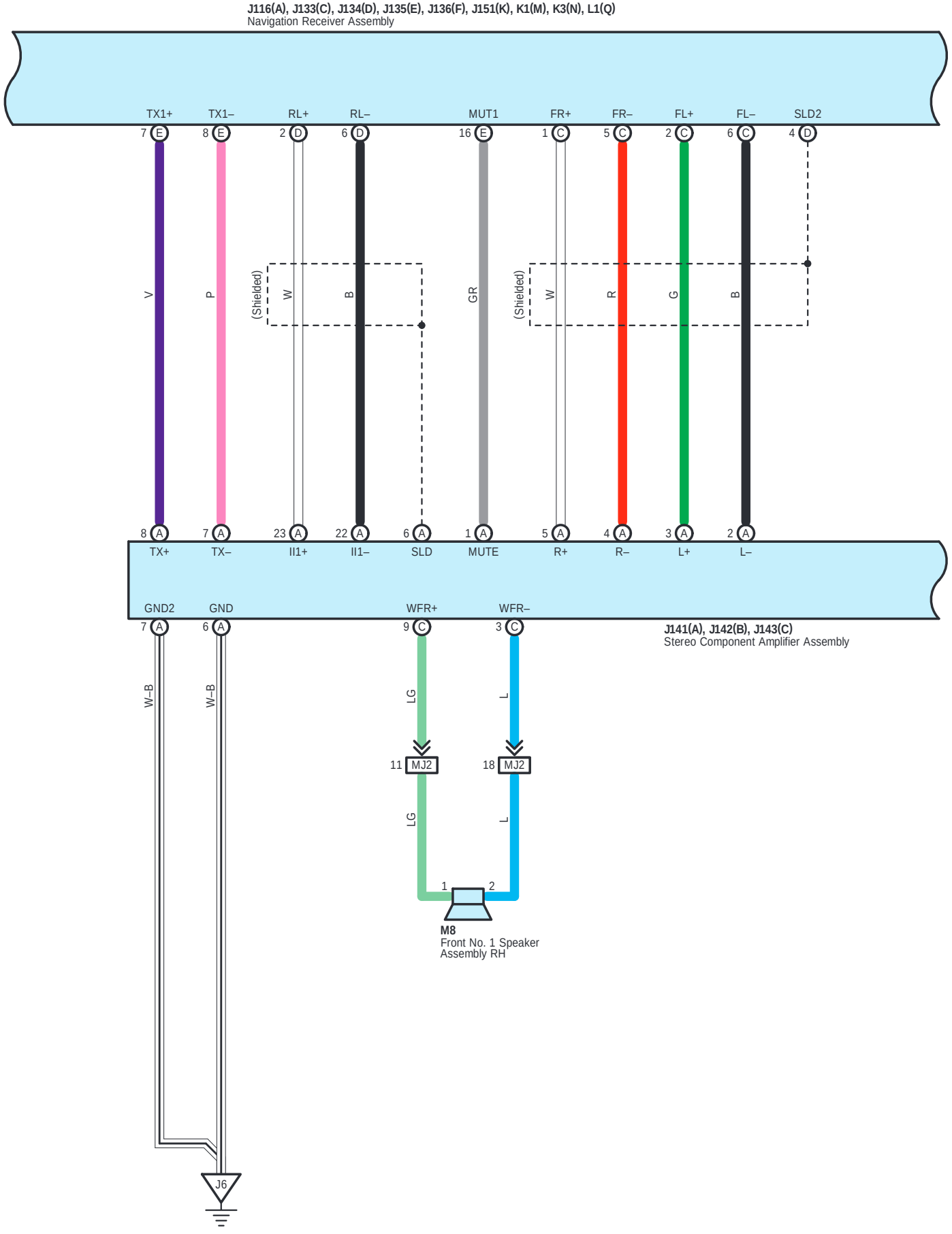
XR1
White
1 2 3 4
4 3 2 1

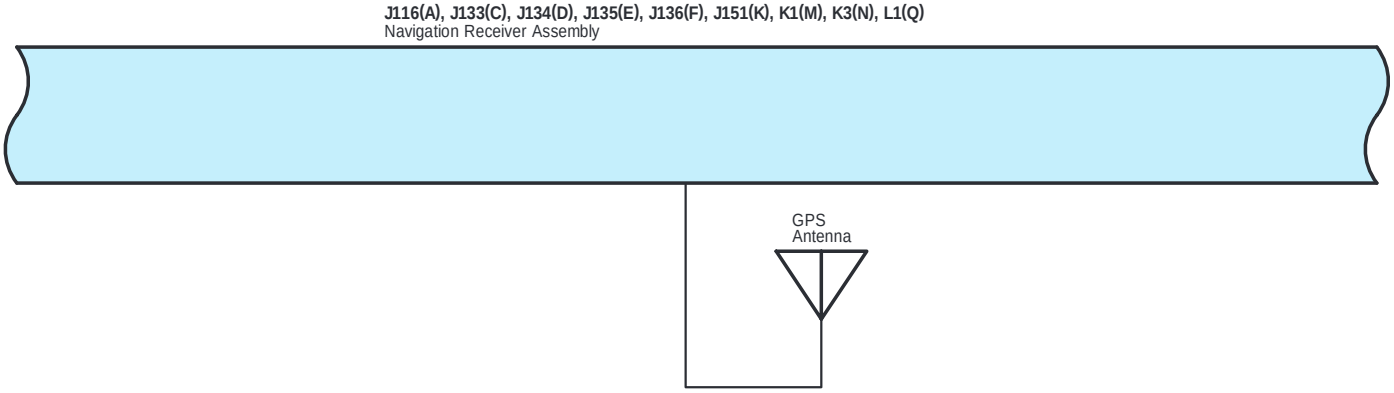

(BAT)
20A
RAD
NO. 1
2
1
BE
(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction Connector
4 B
P
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
IG
1 E
P
+B1
4 C
V
8 AJ11
BE
PKB
15 E
R
2 DE
11 DB
BE
1
A5
Parking Brake
Switch

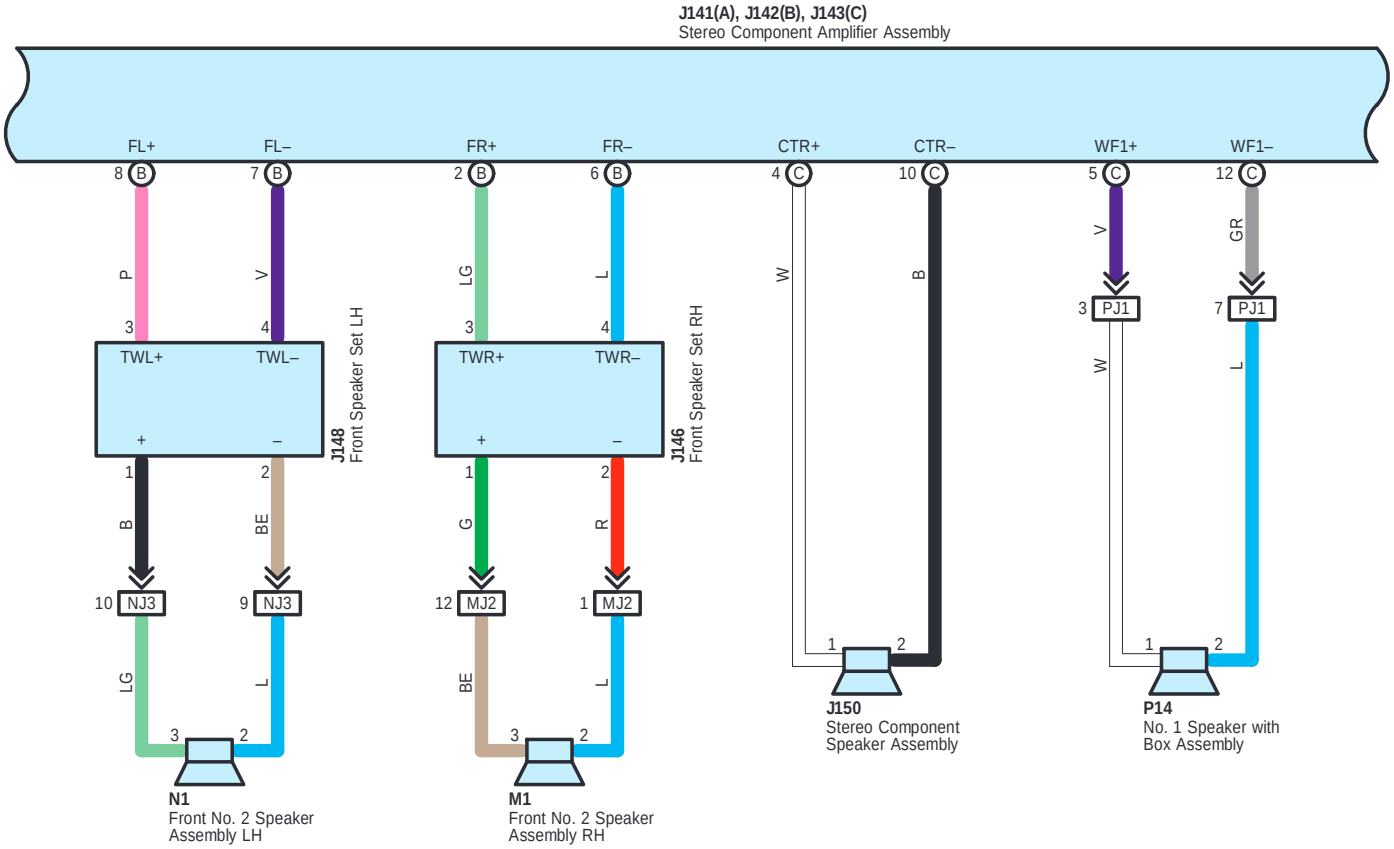

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SW3
SWG
SW1
SW2
24 E
23 E
21 E
22 E
L
Y
G
GR
4 A
3 A
6 A
5 A
J45(A), z3(C)
Spiral Cable
AU3
EAU
AU1
AU2
8 C
7 C
10 C
9 C
LG
W
BR
G
Enter
Up
MODE HOLD
Back
Down
Right
Volume+
Left
Volume–
Steering Pad Switch LH
Voice
Off Hook
On Hook
Steering Pad Switch RH
z3(C)
Steering Pad Switch

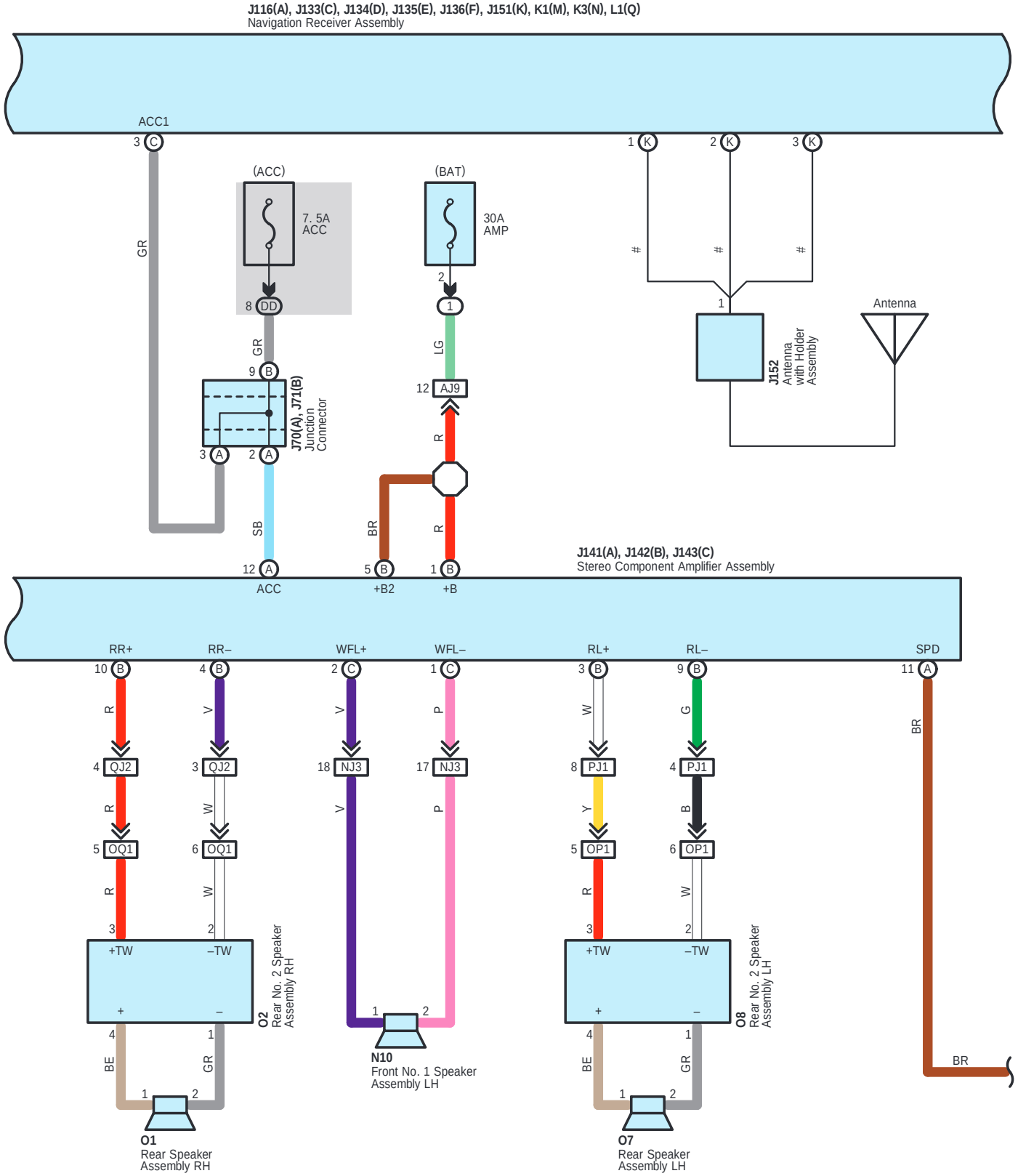

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
REV
2 E
Y
18
J65 Junction Connector
22
LG
6
J66 Junction Connector
5
(IG)
10A BK/ UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
RL
RB
R
D35 Park/Neutral Position Switch
1
L–R
2 DA4
L
11 AJ4
R
CA+
V+
V–
CGND
11 F
12 F
24 F
23 F
(Shielded)
B
R
W
7 AJ5
6 AJ5
5 AJ5
8 AJ5
4 RA1
16 RA1
15 RA1
3 RA1
L
2 XR1
4 XR1
3 XR1
1 XR1
6
3
2
5
CB+
CV+
CV–
CGND
X1
Television Camera

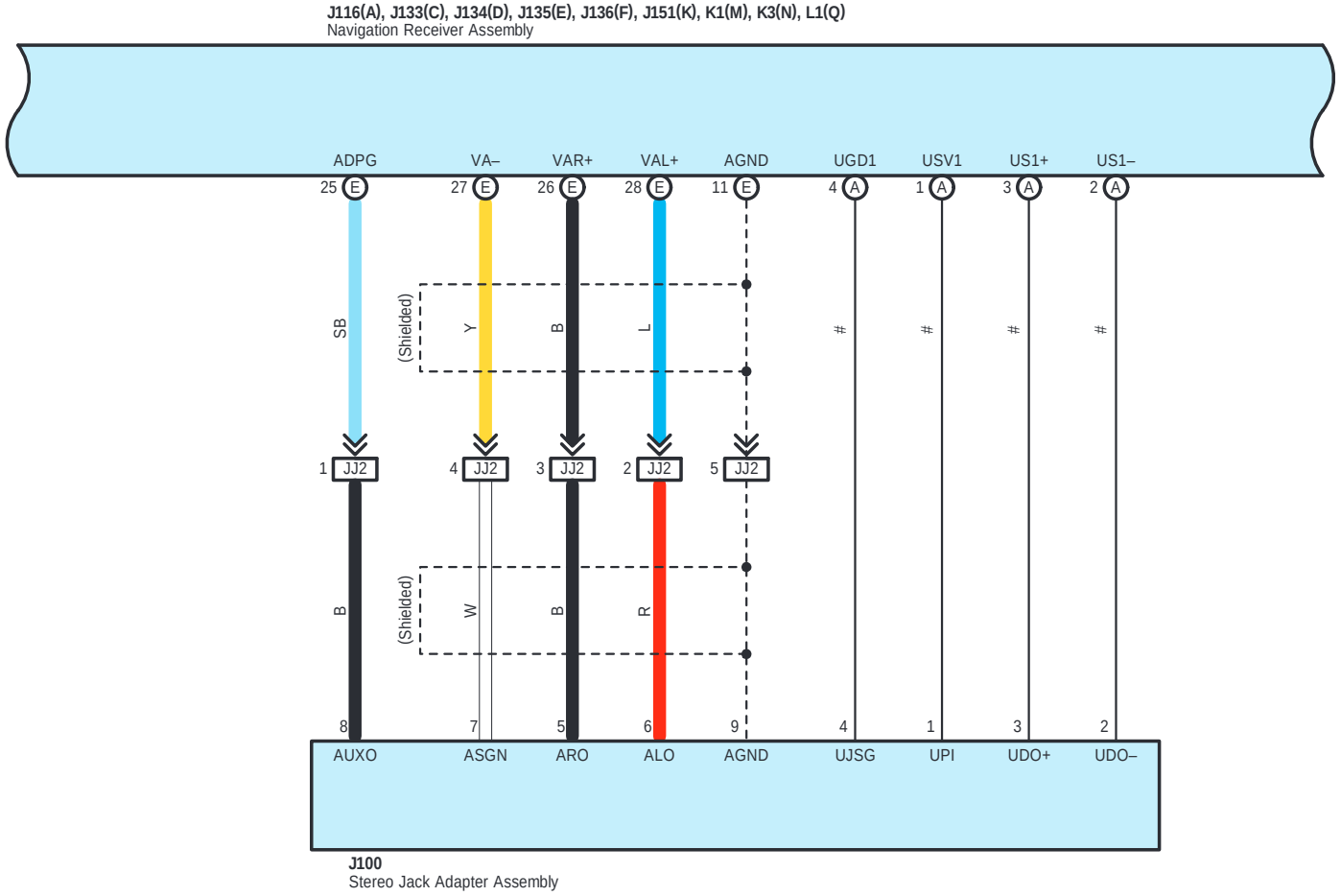

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GND1
SNS2
MACC
MIN+
MIN–
SGND
7 C
6 E
4 E
5 E
19 E
18 E
W–B
LG
(Shielded)
L
B
Y
14 JW1
19 JW1
18 JW1
17 JW1
16 JW1
LG
(Shielded)
L
B
Y
14
10
9
8
SGND
ACC
MI1+
MIC–
Microphone
W7
Roof Console Box Assembly
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
TX1+
TX1–
RL+
RL–
MUT1
FR+
FR–
FL+
FL–
SLD2
7 E
8 E
2 D
6 D
16 E
1 C
5 C
2 C
6 C
4 D
V
P
(Shielded)
W
B
GR
(Shielded)
W
R
G
B
8 A
7 A
23 A
22 A
6 A
1 A
5 A
4 A
3 A
2 A
TX+
TX–
II1+
II1–
SLD
MUTE
R+
R–
L+
L–
GND2
GND
WFR+
WFR–
7 A
6 A
9 C
3 C
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
W–B
W–B
LG
L
11 MJ2
18 MJ2
LG
L
1
2
M8
Front No. 1 Speaker
Assembly RH
J6


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
GPS
Antenna

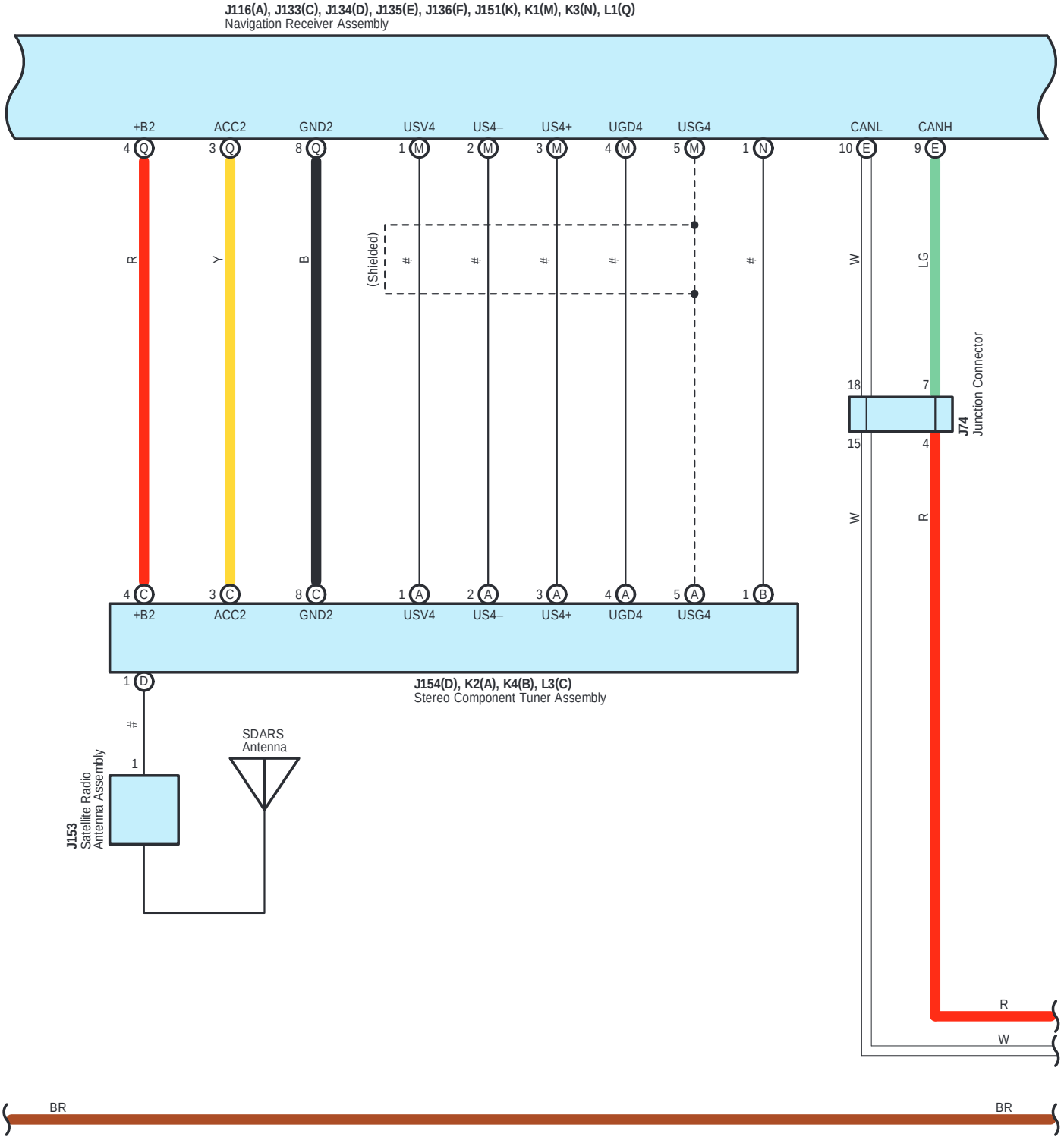

J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
FL+
FL–
FR+
FR–
CTR+
CTR–
WF1+
WF1–
TWL+
TWL–
TWR+
TWR–
J148
Front Speaker Set LH
J146
Front Speaker Set RH
NJ3
MJ2
PJ1
N1
Front No. 2 Speaker Assembly LH
M1
Front No. 2 Speaker Assembly RH
J150
Stereo Component Speaker Assembly
P14
No. 1 Speaker with Box Assembly


J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
ACC1
3 C
GR
(ACC)
7. 5A
ACC
8 DD
GR
9 B
J70(A), J71(B)
Junction
Connector
3 A
2 A
SB
12 A
ACC
(BAT)
30A
AMP
2
1
LG
12 AJ9
R
BR
R
5 B
+B2
1 B
+B
1 K
2 K
3 K
#
#
#
1
J152
Antenna
with Holder
Assembly
Antenna
J141(A), J142(B), J143(C)
Stereo Component Amplifier Assembly
RR+
RR–
WFL+
WFL–
RL+
RL–
SPD
10 B
4 B
2 C
1 C
3 B
9 B
11 A
R
V
V
P
W
G
BR
4 QJ2
3 QJ2
18 NJ3
17 NJ3
8 PJ1
4 PJ1
R
W
V
P
Y
B
5 OQ1
6 OQ1
5 OP1
6 OP1
R
W
R
W
3
2
3
2
+TW
–TW
+TW
–TW
+
–
+
–
O2
Rear No. 2 Speaker
Assembly RH
O8
Rear No. 2 Speaker
Assembly LH
4
1
1
2
4
1
1
2
BE
GR
BE
GR
1
2
1
2
O1
Rear Speaker
Assembly RH
N10
Front No. 1 Speaker
Assembly LH
O7
Rear Speaker
Assembly LH
BR

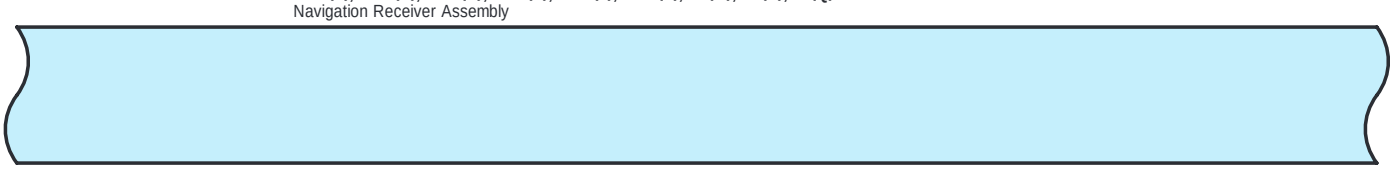




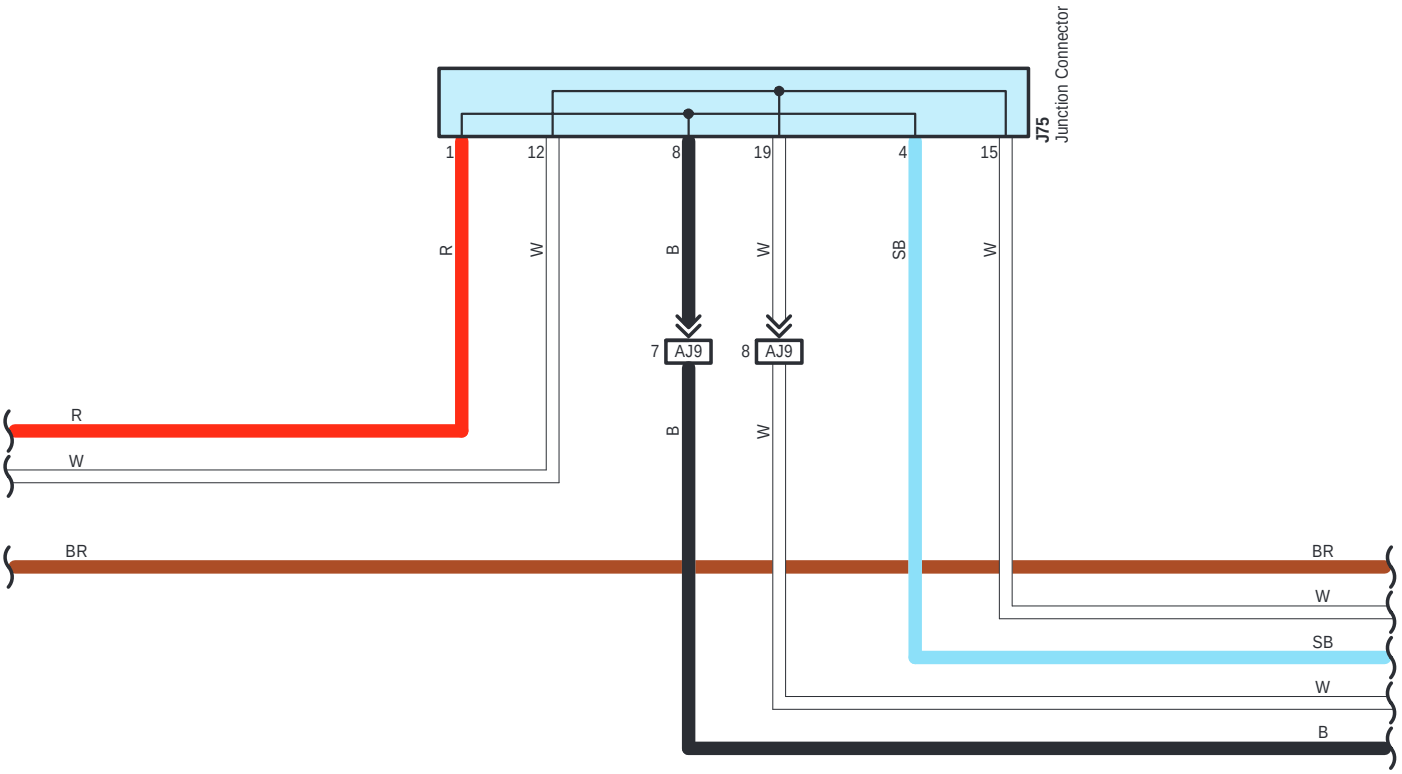
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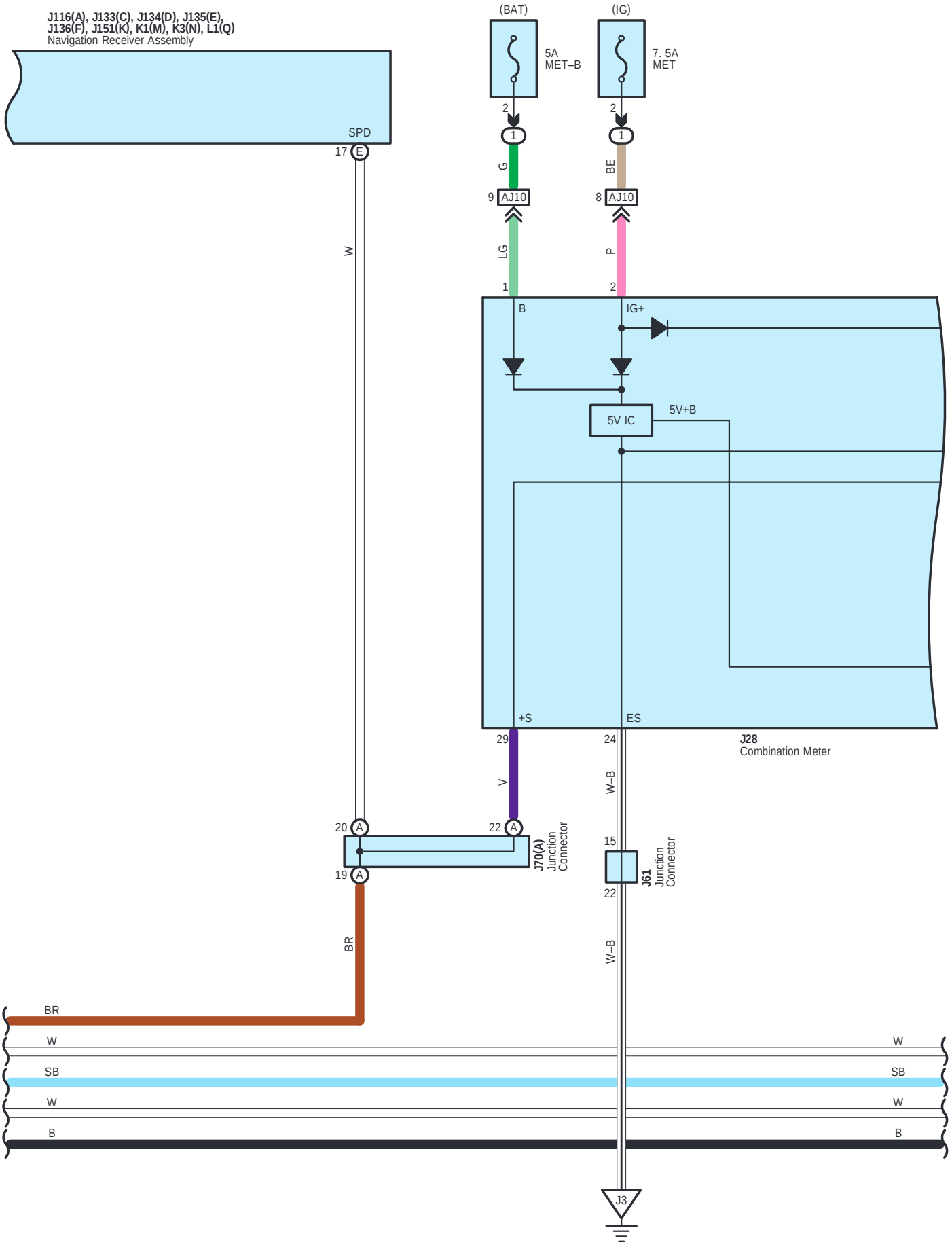

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
+B2
ACC2
GND2
USV4
US4–
US4+
UGD4
USG4
CANL
CANH
4 Q
3 Q
8 Q
1 M
2 M
3 M
4 M
5 M
1 N
10 E
9 E
R
Y
B
(Shielded)
#
W
LG
18
7
15
4
J74
Junction Connector
4 C
3 C
8 C
1 A
2 A
3 A
4 A
5 A
1 B
J154(D), K2(A), K4(B), L3(C)
Stereo Component Tuner Assembly
1 D
SDARS
Antenna
J153
Satellite Radio
Antenna Assembly
R
W
BR
BR

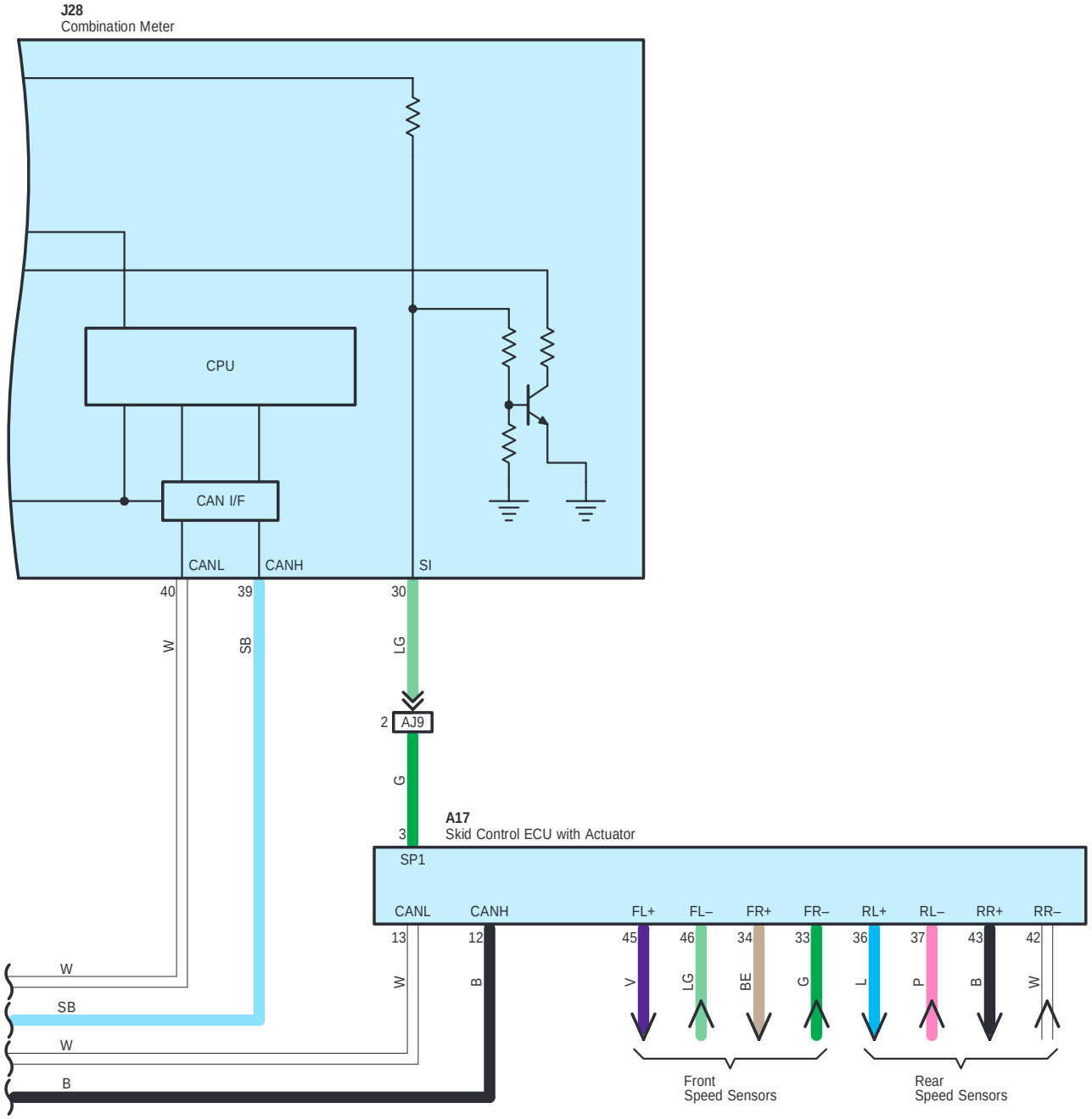
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly



: There is no wire color information.



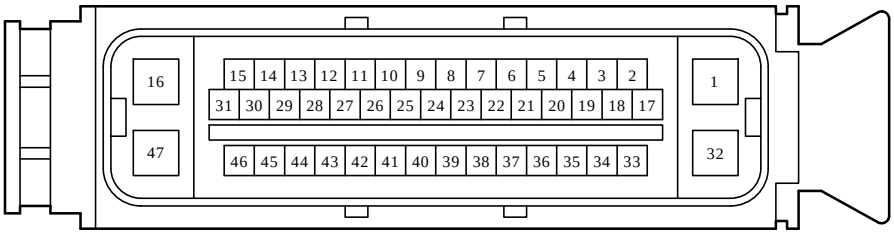

J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
SPD
17 E
W
(BAT)
5A MET–B
2
1
G
9 AJ10
LG
1
(IG)
7. 5A MET
2
1
BE
8 AJ10
P
2
B
IG+
5V IC
5V+B
+S
ES
29
V
24
W–B
J28
Combination Meter
20 A
22 A
19 A
J70(A) Junction Connector
15
22
J61 Junction Connector
BR
W–B
BR
W
SB
W
B
W
SB
W
B
J3


J28
Combination Meter
CPU
CAN I/F
CANL
CANH
SI
40
39
30
W
SB
LG
2
AJ9
G
3
A17
Skid Control ECU with Actuator
SP1
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
13
12
45
46
34
33
36
37
43
42
W
B
V
LG
BE
G
L
P
B
W
W
SB
W
B
Front
Speed Sensors
Rear
Speed Sensors

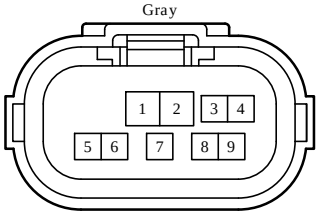
A 5
White



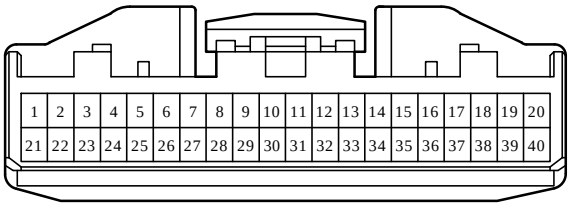
A 17
Black



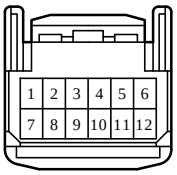
D 35
Gray



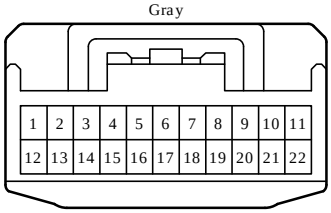
J 28
Black



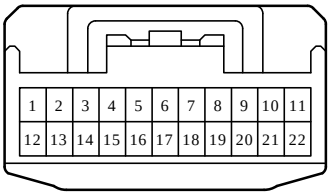
J 45
Black



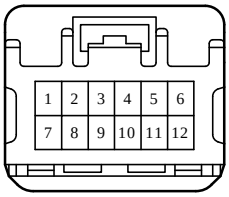
J 61
Gray



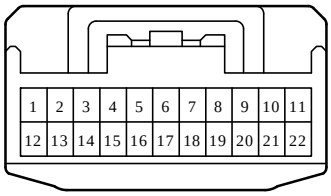
J 65
White



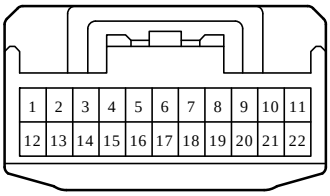
J 66
Black



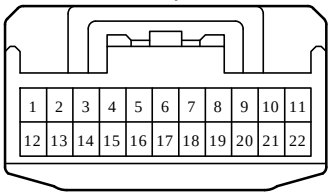
J 70
Blue



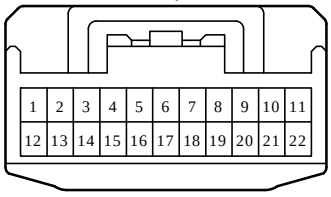
J 71
White



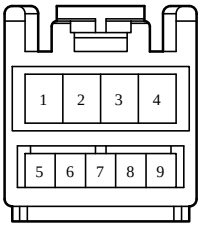
J 74
Gray



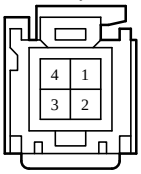
J 75
Gray



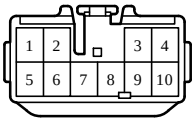
J100
Black



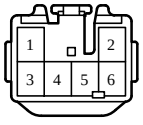
J116
Gray



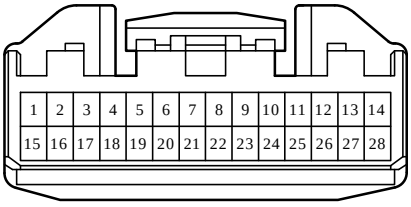
J133
White



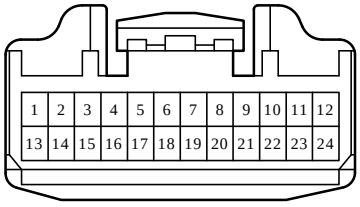
J134
White



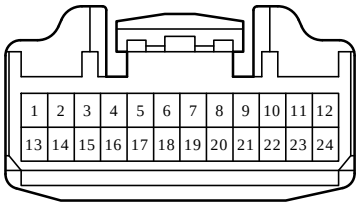
J135
White



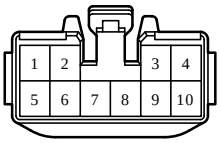
J136
White



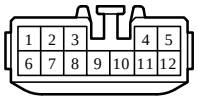
J141
White



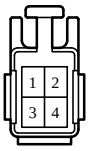
J142
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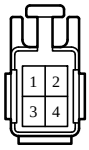
J143
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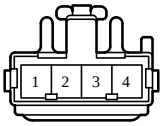
J146
White



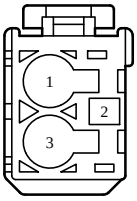
J148
White



J150
White



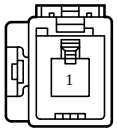
J151
White



J152
Gray



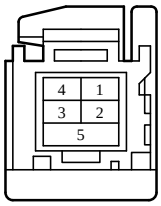
J153
Blue



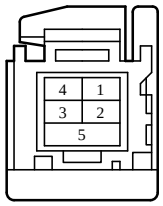
J154
Black



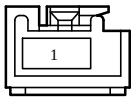
K 1
Brown



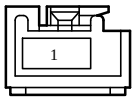
K 2
Brown



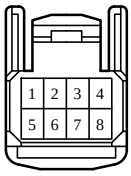
K 3
White



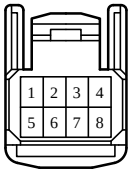
K 4
White



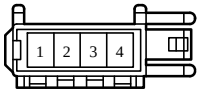
L 1
White



L 3
White



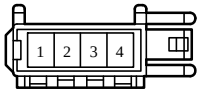
M 1
White



M 8
White



N 1
White



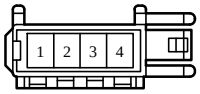
N 10
White



O 1
White



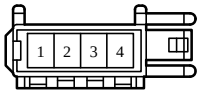
O 2
White



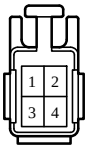
O 7
White



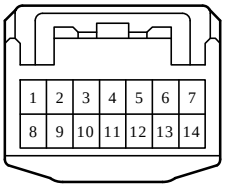
O 8
White



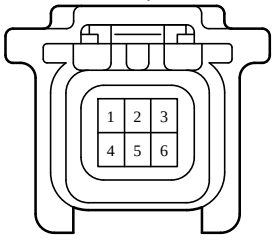
P 14
White



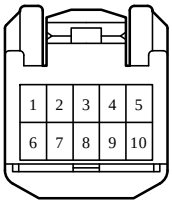
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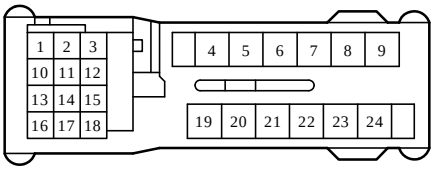
X 1
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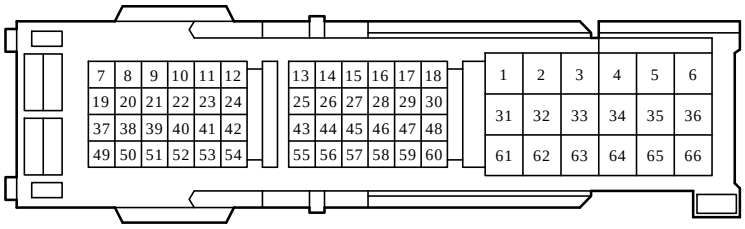
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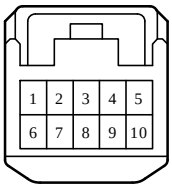
DB
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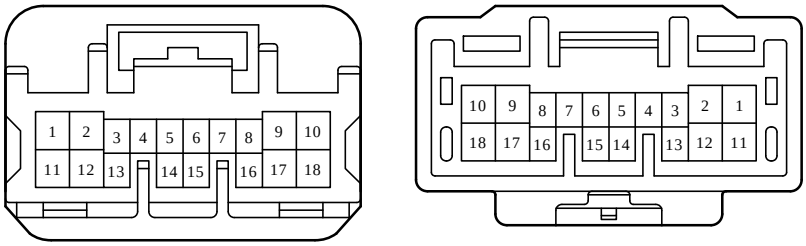
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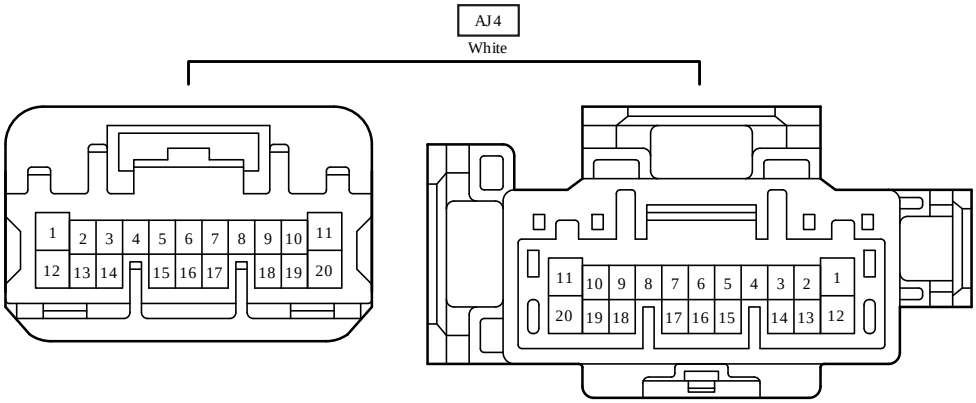
DE
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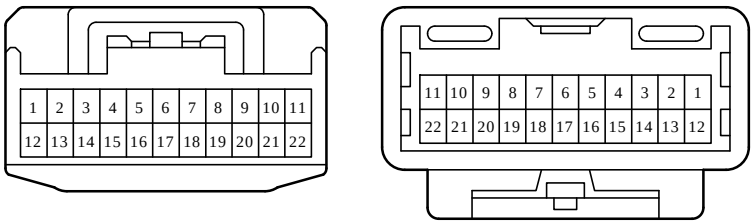
AJ2
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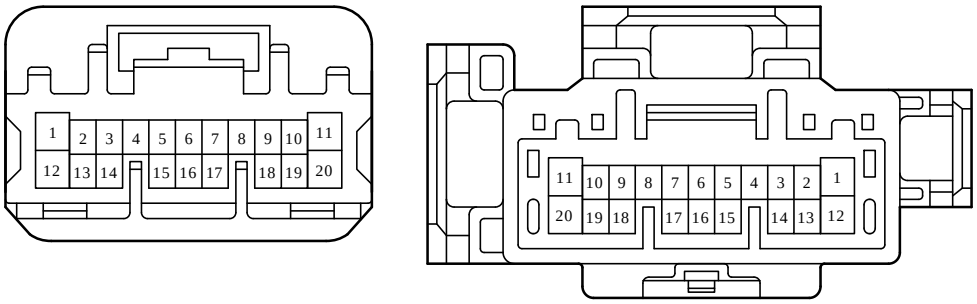
AJ4
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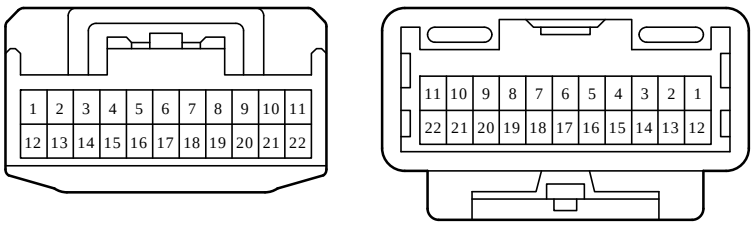
AJ5
Gray



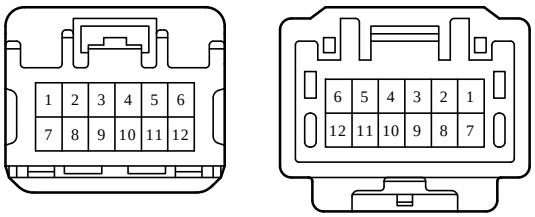
AJ9
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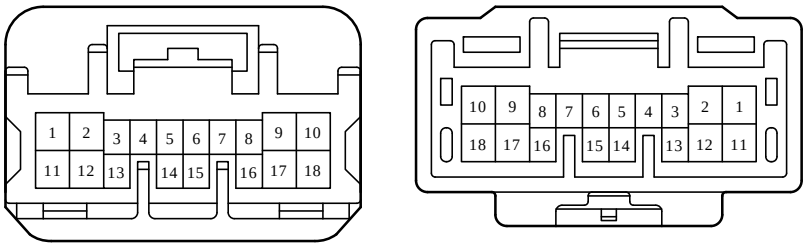
AJ10
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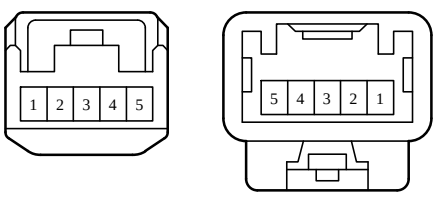
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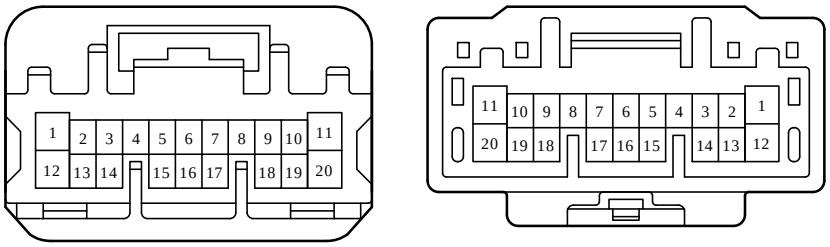
DA4
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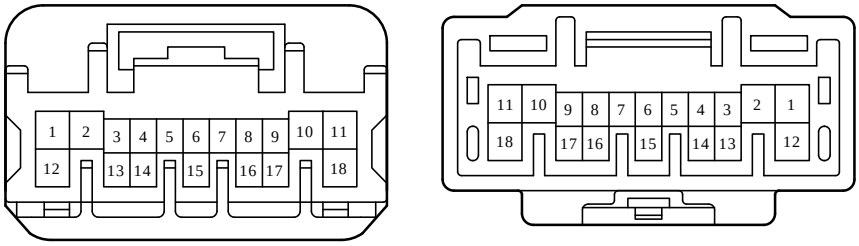
JJ2
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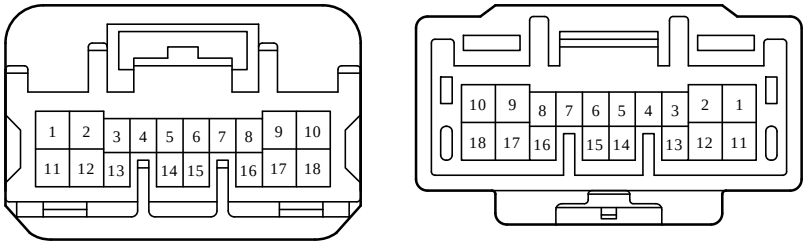
JW1
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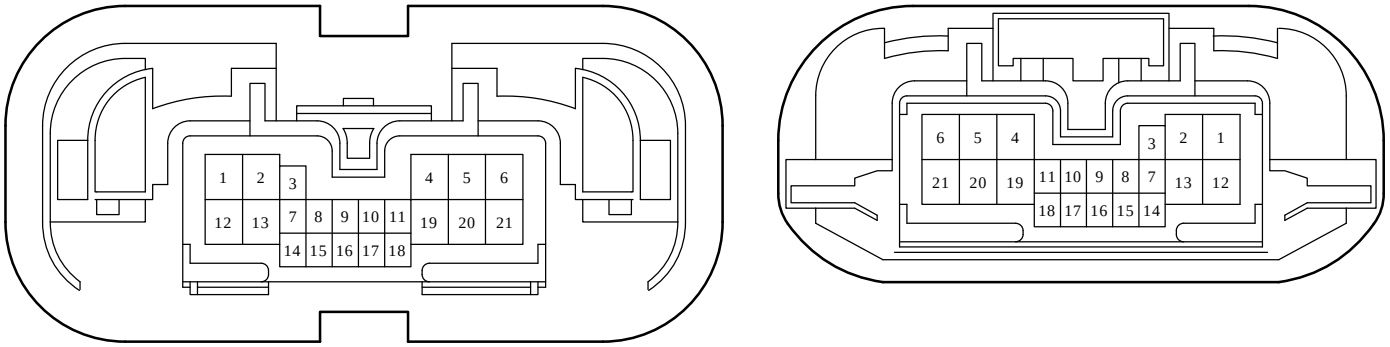
MJ2
Blue



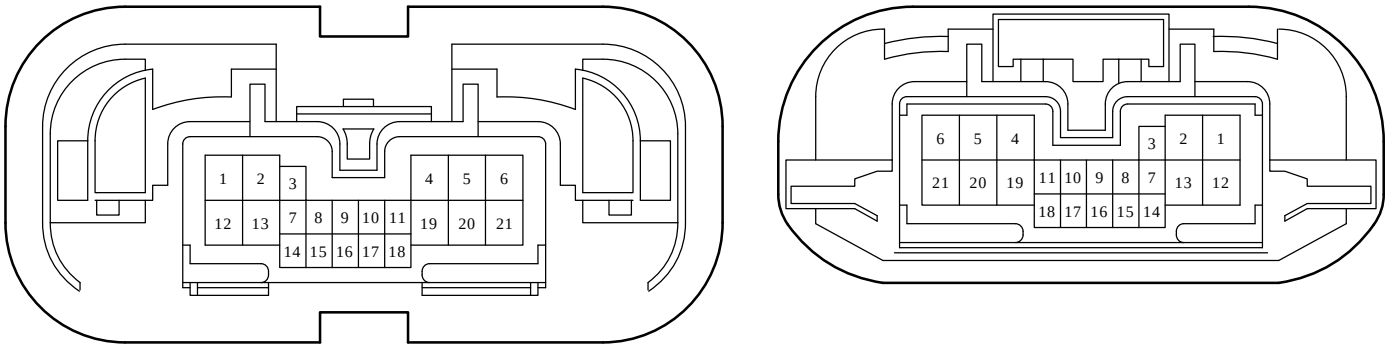
NJ3
Blue



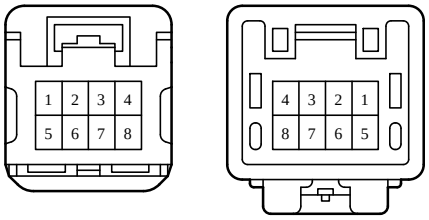
OP1
White



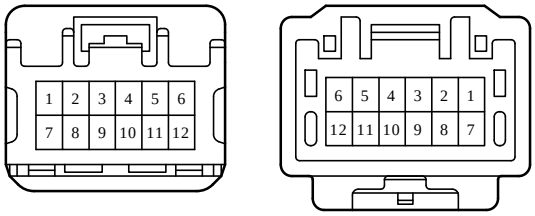
OQ1
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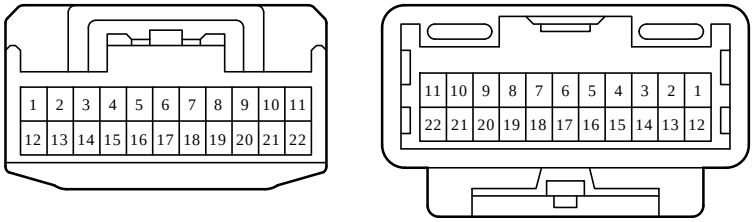
PJ1
Black



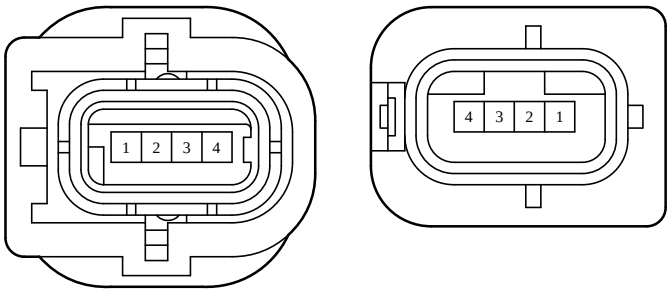
QJ2
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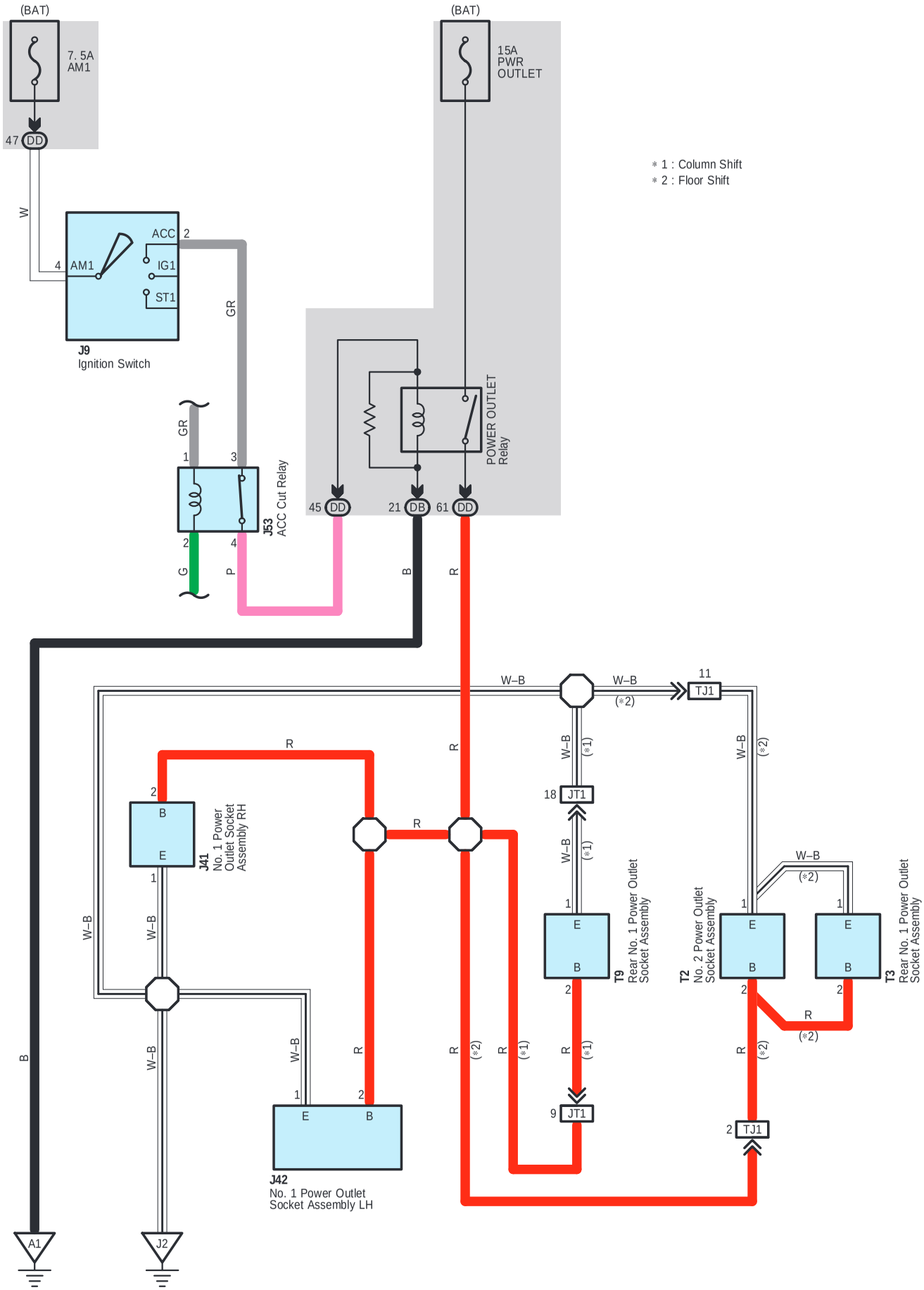


RA1
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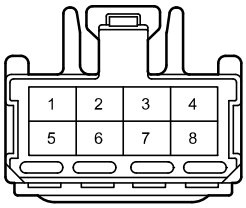


XR1
White




(BAT)
7. 5A
AM1
47 DD
W
4 AM1
ACC 2
IG1
ST1
J9
Ignition Switch
GR
1
3
J53
ACC Cut Relay
2
4
G
P
(BAT)
15A
PWR
OUTLET
POWER OUTLET
Relay
45 DD
21 DB
61 DD
B
R
＊1 : Column Shift
＊2 : Floor Shift
W–B
11
TJ1
(＊2)
(＊1)
18 JT1
9 JT1
2 TJ1
J41
No. 1 Power
Outlet Socket
Assembly RH
J42
No. 1 Power Outlet
Socket Assembly LH
T9
Rear No. 1 Power Outlet
Socket Assembly
T2
No. 2 Power Outlet
Socket Assembly
T3
Rear No. 1 Power Outlet
Socket Assembly
A1
J2

J 9
White



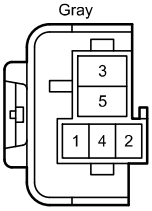
J 41
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J 42
White



J 53
Gray



T 2
White



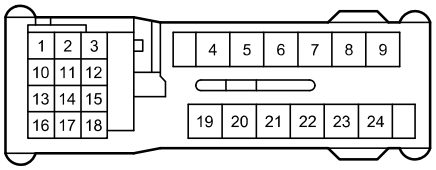
T 3
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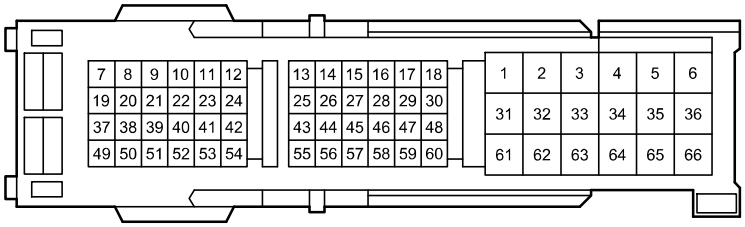
T 9
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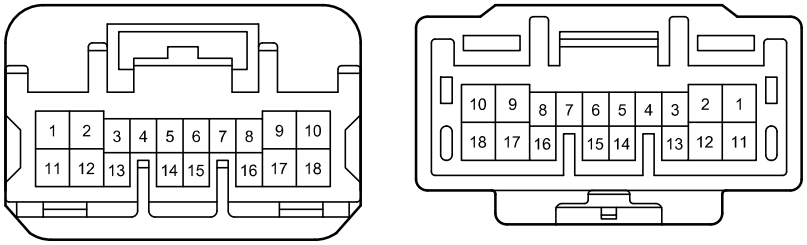
DB
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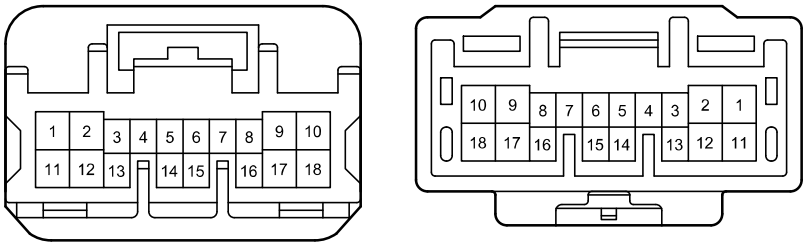
DD
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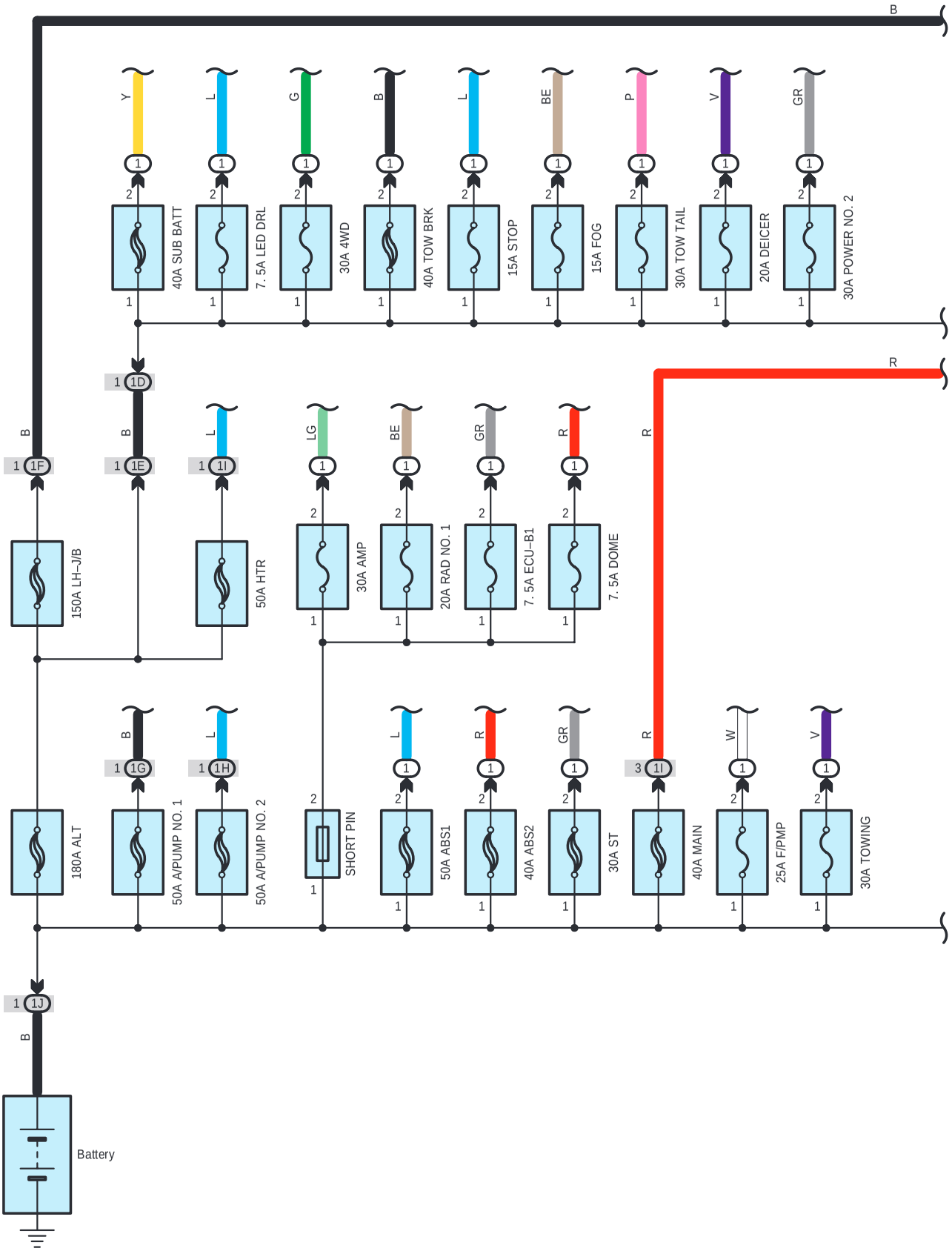


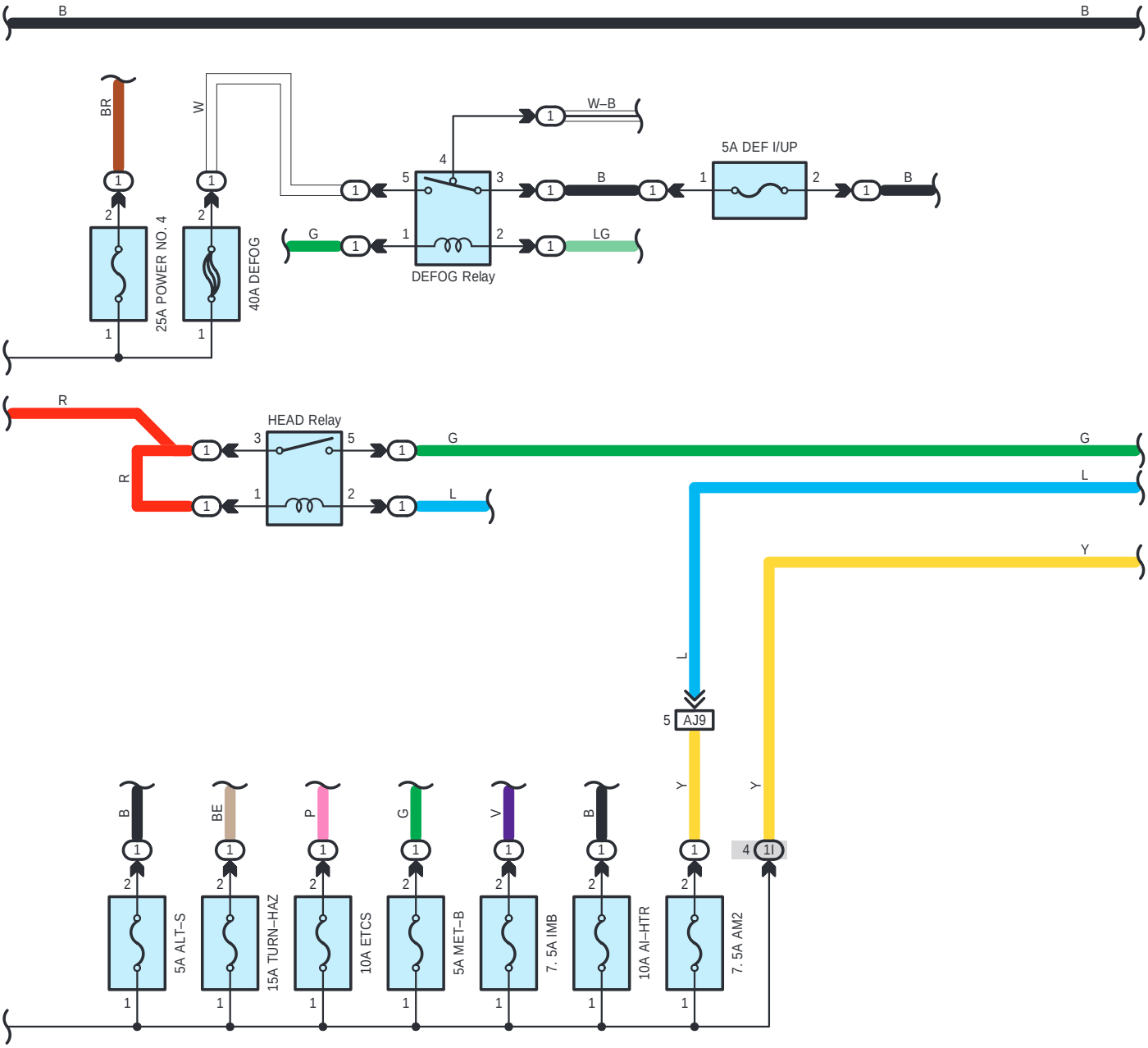
JT1
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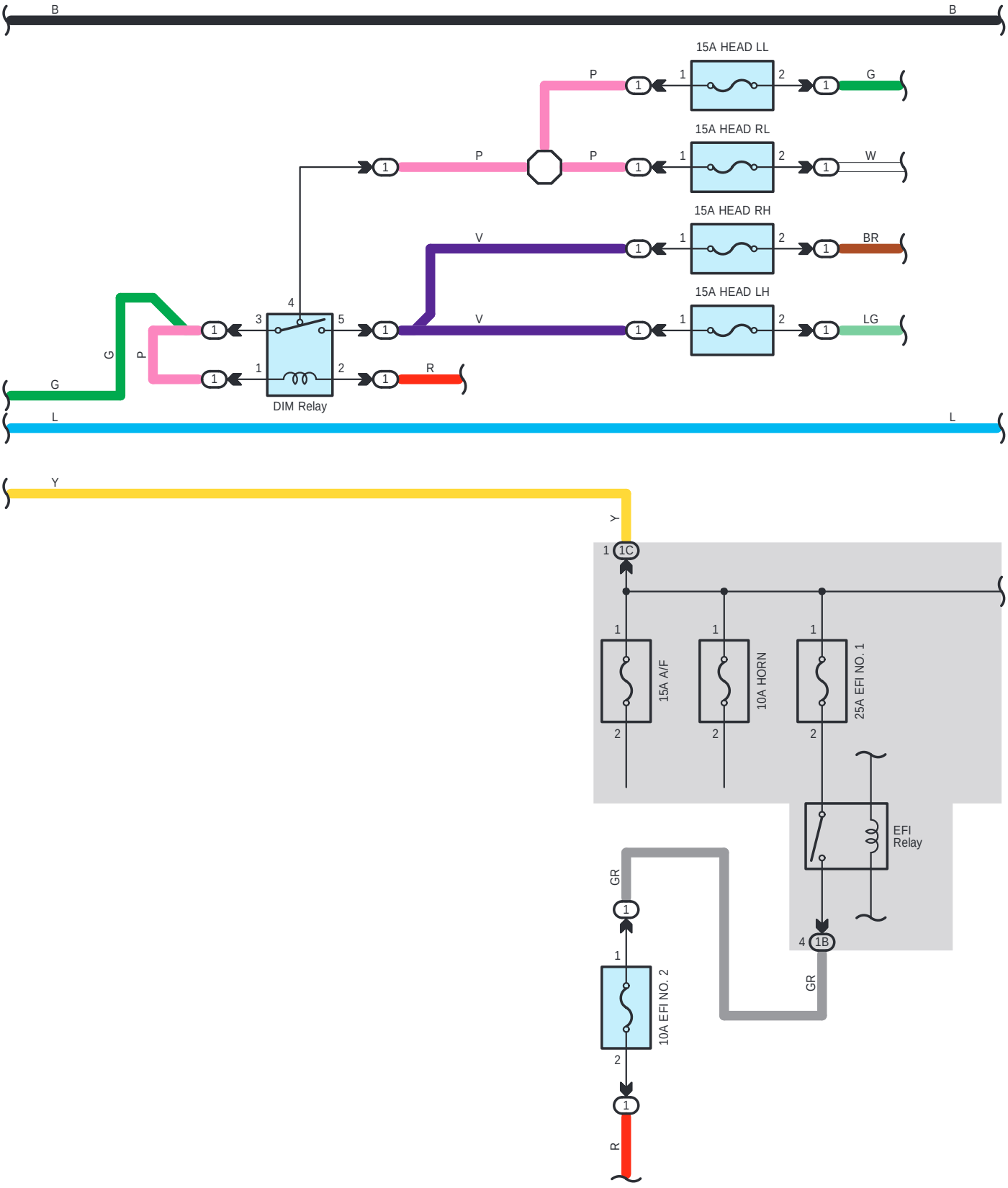


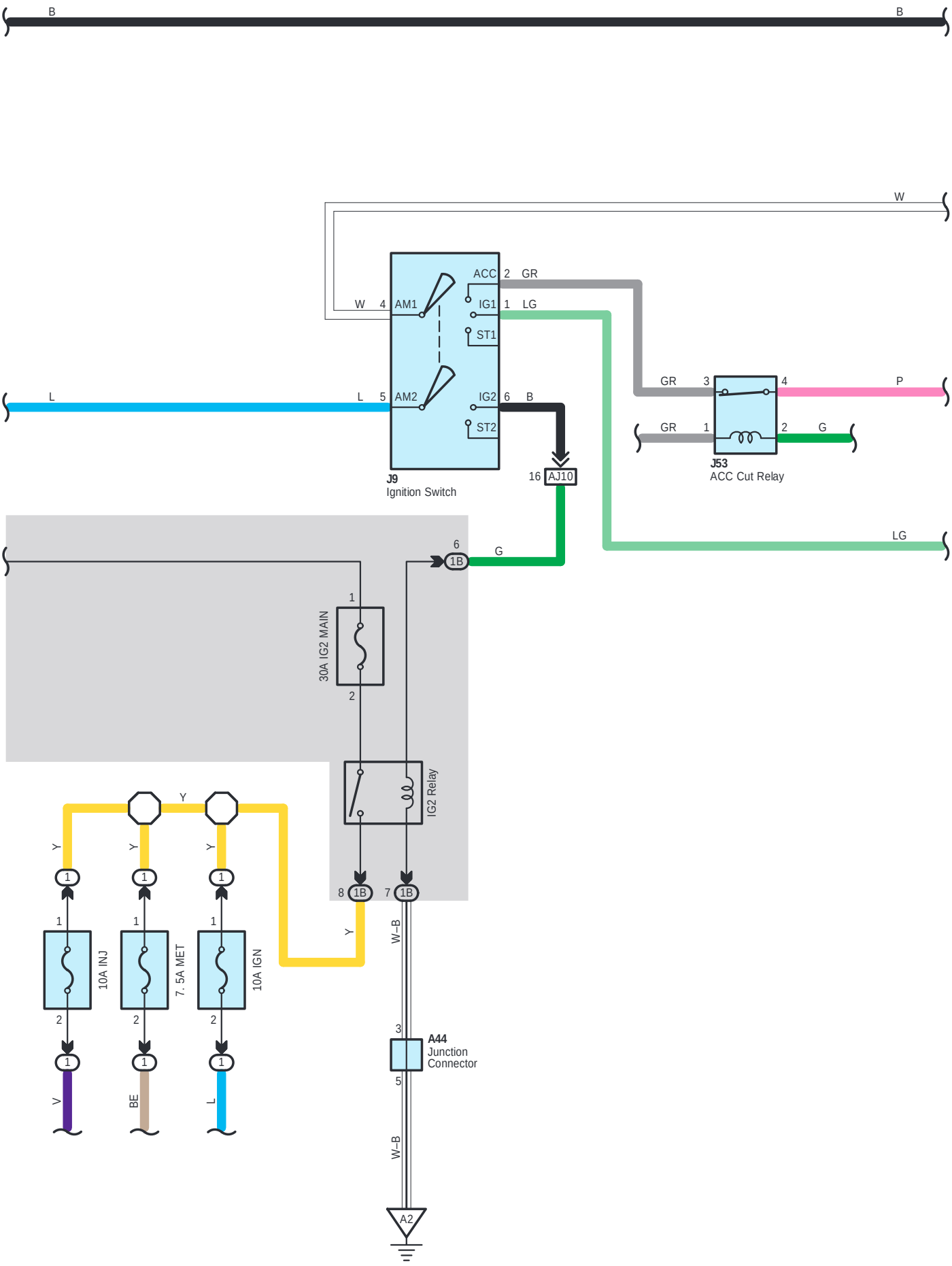
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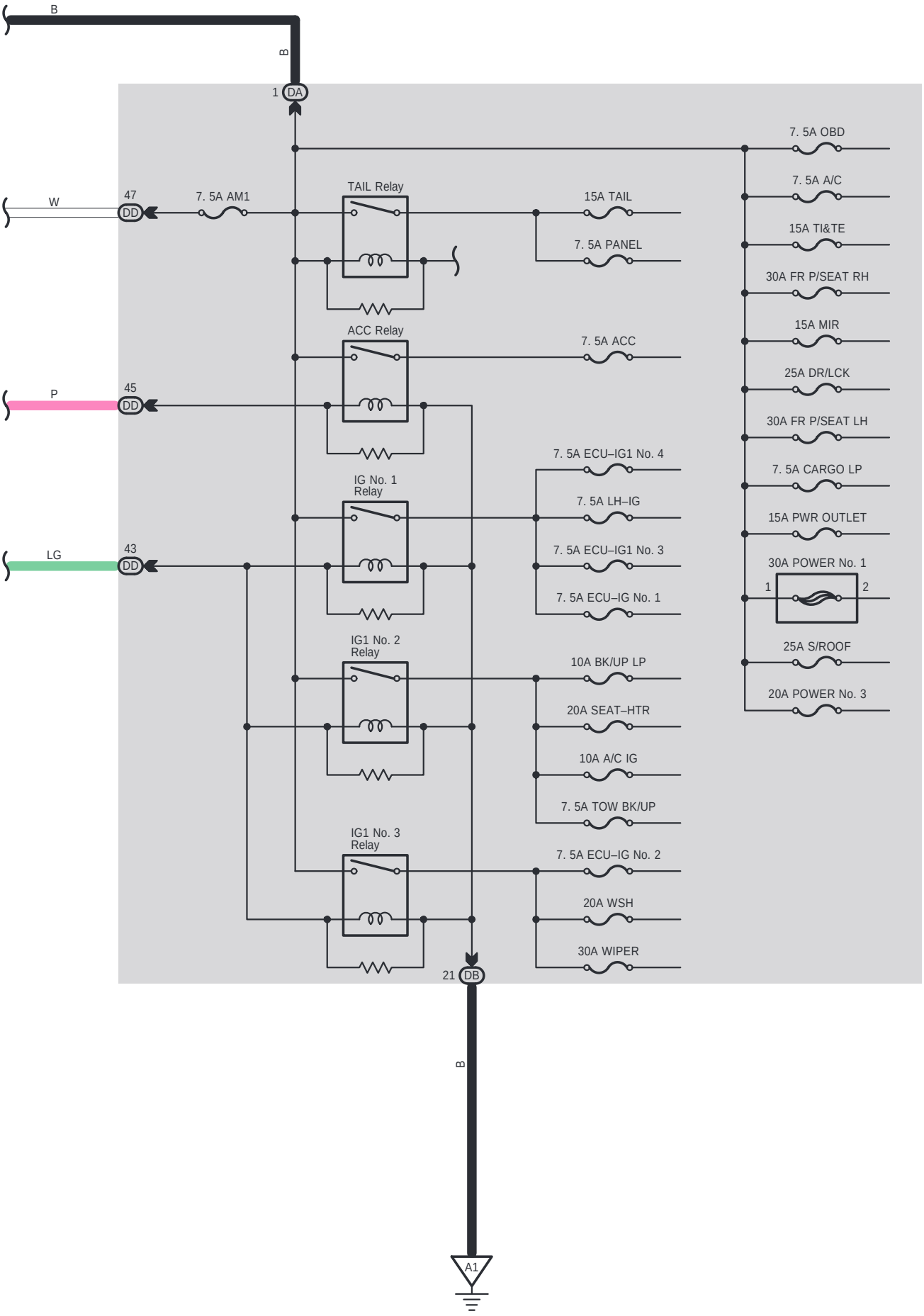



B
Y
L
G
B
L
BE
P
V
GR
40A SUB BATT
7. 5A LED DRL
30A 4WD
40A TOW BRK
15A STOP
15A FOG
30A TOW TAIL
20A DEICER
30A POWER NO. 2
1D
1F
1E
1I
150A LH–J/B
50A HTR
LG
BE
GR
R
30A AMP
20A RAD NO. 1
7. 5A ECU–B1
7. 5A DOME
1G
1H
1J
180A ALT
50A A/PUMP NO. 1
50A A/PUMP NO. 2
SHORT PIN
50A ABS1
40A ABS2
30A ST
40A MAIN
W
25A F/PMP
30A TOWING
Battery

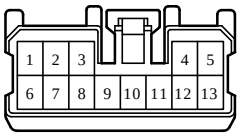

B
B
BR
W
W–B
5A DEF I/UP
25A POWER NO. 4
40A DEFOG
DEFOG Relay
G
LG
R
HEAD Relay
L
Y
5 AJ9
4 1I
5A ALT–S
15A TURN–HAZ
10A ETCS
5A MET–B
7. 5A IMB
10A AI–HTR
7. 5A AM2


B
B
15A HEAD LL
15A HEAD RL
15A HEAD RH
15A HEAD LH
P
V
G
W
BR
LG
R
DIM Relay
L
Y
1C
15A A/F
10A HORN
25A EFI NO. 1
EFI Relay
1B
GR
10A EFI NO. 2

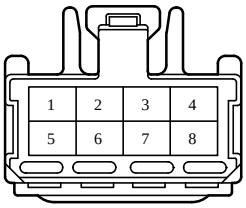

B
B
W
W 4 AM1
L
L 5 AM2
ACC 2 GR
IG1 1 LG
ST1
IG2 6 B
ST2
J9
Ignition Switch
16 AJ10
GR 3 4 P
GR 1 2 G
J53
ACC Cut Relay
LG
6
1B
G
1
30A IG2 MAIN
2
IG2 Relay
Y
8 1B
7 1B
W–B
10A INJ
7. 5A MET
10A IGN
V
BE
L
A44
Junction
Connector
W–B
A2


B
B
1 DA
W
47 DD
7. 5A AM1
TAIL Relay
15A TAIL
7. 5A PANEL
ACC Relay
7. 5A ACC
P
45 DD
IG No. 1 Relay
7. 5A ECU–IG1 No. 4
7. 5A LH–IG
LG
43 DD
7. 5A ECU–IG1 No. 3
7. 5A ECU–IG No. 1
IG1 No. 2 Relay
10A BK/UP LP
20A SEAT–HTR
10A A/C IG
7. 5A TOW BK/UP
IG1 No. 3 Relay
7. 5A ECU–IG No. 2
20A WSH
30A WIPER
21 DB
B
A1
7. 5A OBD
7. 5A A/C
15A TI&TE
30A FR P/SEAT RH
15A MIR
25A DR/LCK
30A FR P/SEAT LH
7. 5A CARGO LP
15A PWR OUTLET
30A POWER No. 1
1
2
25A S/ROOF
20A POWER No. 3

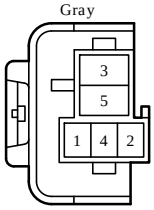
A 44
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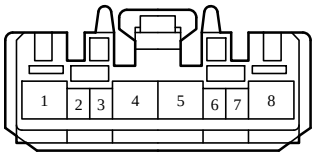
J 9
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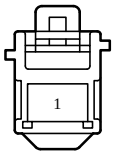
J 53
Gray



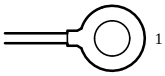
1B
White



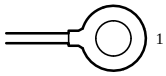
1C
White



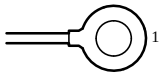
1D



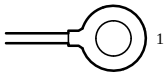
1E



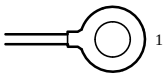
1F



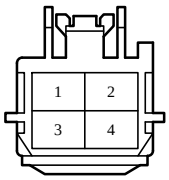
1G



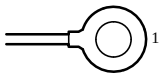
1H



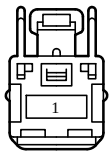
1I
White



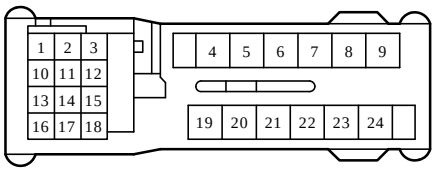
1J



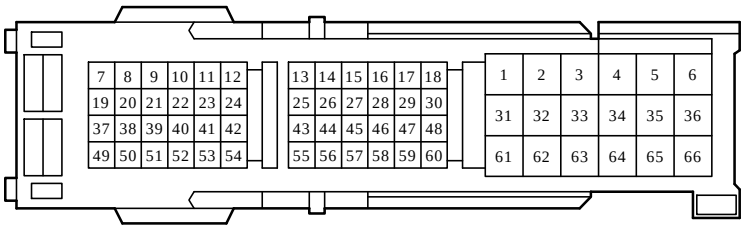
DA
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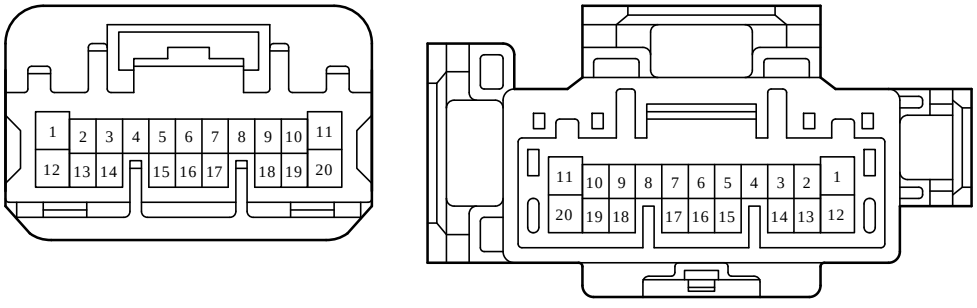
DB
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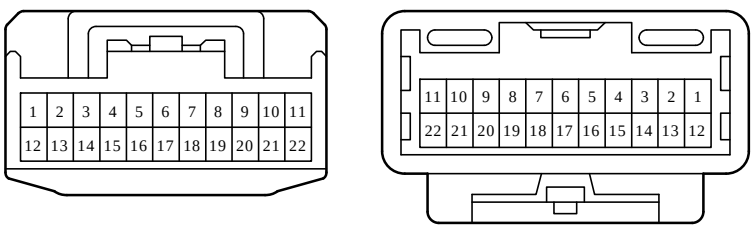
DD
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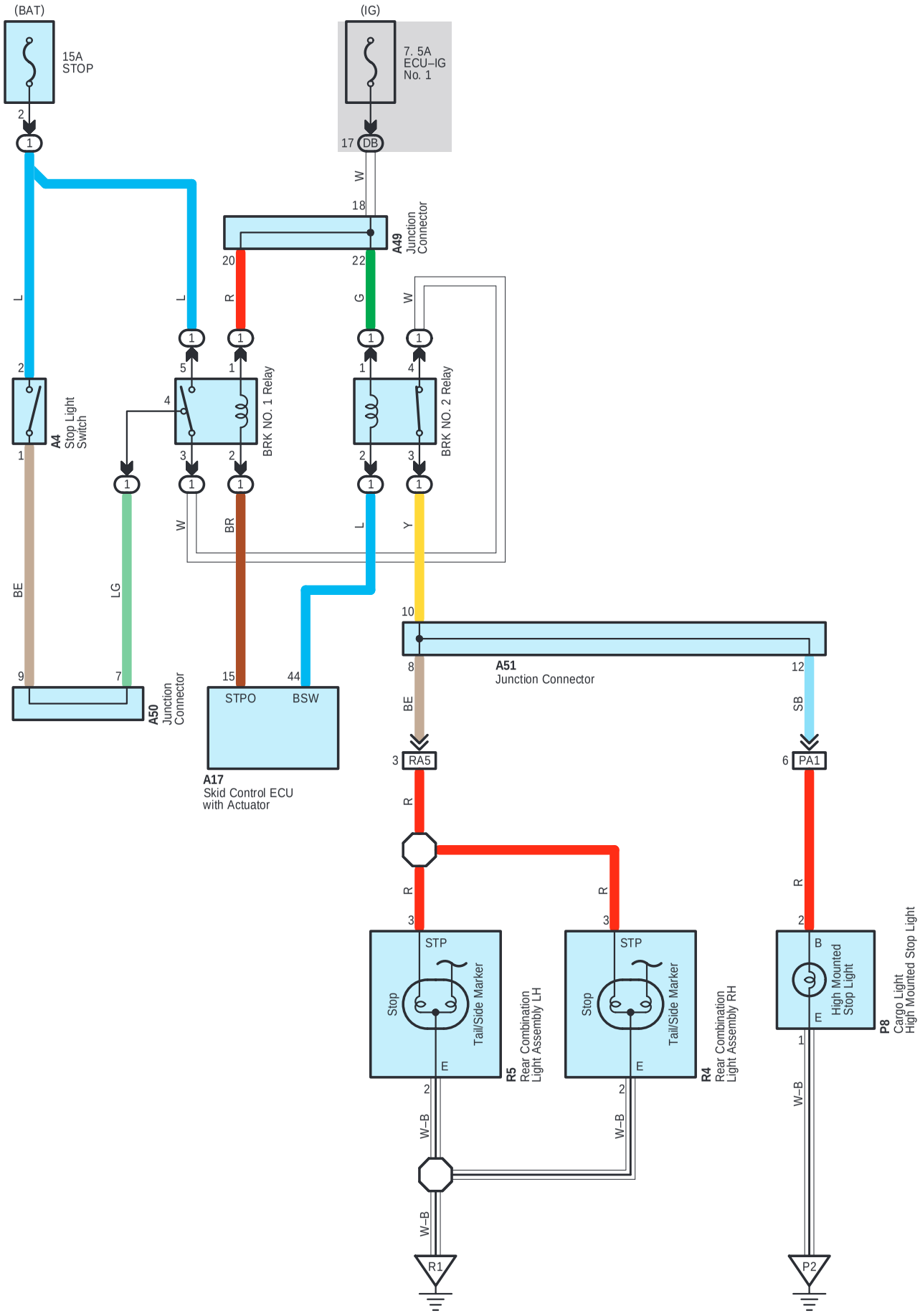


AJ9
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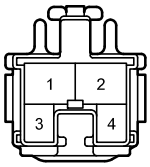


AJ10
Gray

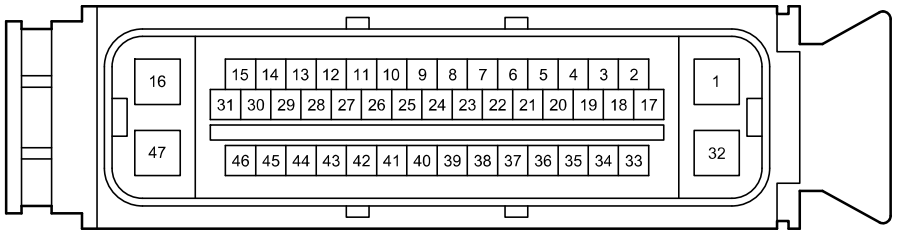



(BAT)
15A
STOP
2
1
(IG)
7. 5A
ECU–IG
No. 1
17 DB
W
18
A49
Junction
Connector
20
22
L
L
R
G
W
1
5
1
4
2
4
BRK NO. 1 Relay
BRK NO. 2 Relay
3
2
2
3
A4
Stop Light
Switch
1
W
BR
L
Y
10
A51
Junction Connector
8
12
BE
LG
SB
9
7
15
44
A50
Junction
Connector
STPO
BSW
A17
Skid Control ECU
with Actuator
3 RA5
6 PA1
R
R
R
3
3
2
STP
Stop
Tail/Side Marker
E
R5
Rear Combination
Light Assembly LH
R4
Rear Combination
Light Assembly RH
B
High Mounted
Stop Light
P8
Cargo Light
High Mounted Stop Light
2
2
1
W–B
W–B
W–B
R1
P2

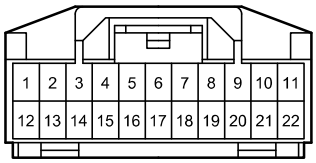
A 4
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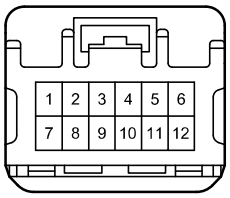
A 17
Black



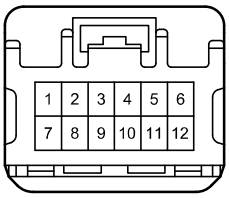
A 49
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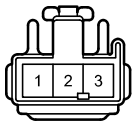
A 50
White



A 51
Black



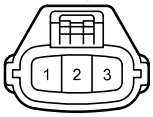
P 8
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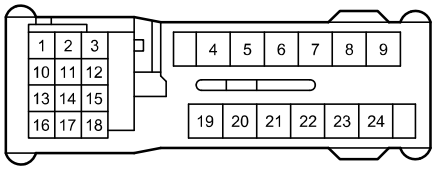
R 4
Gray



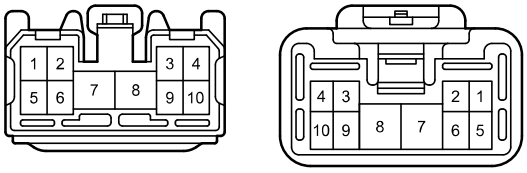
R 5
Gray



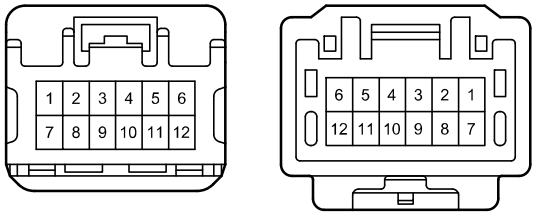
DB
White

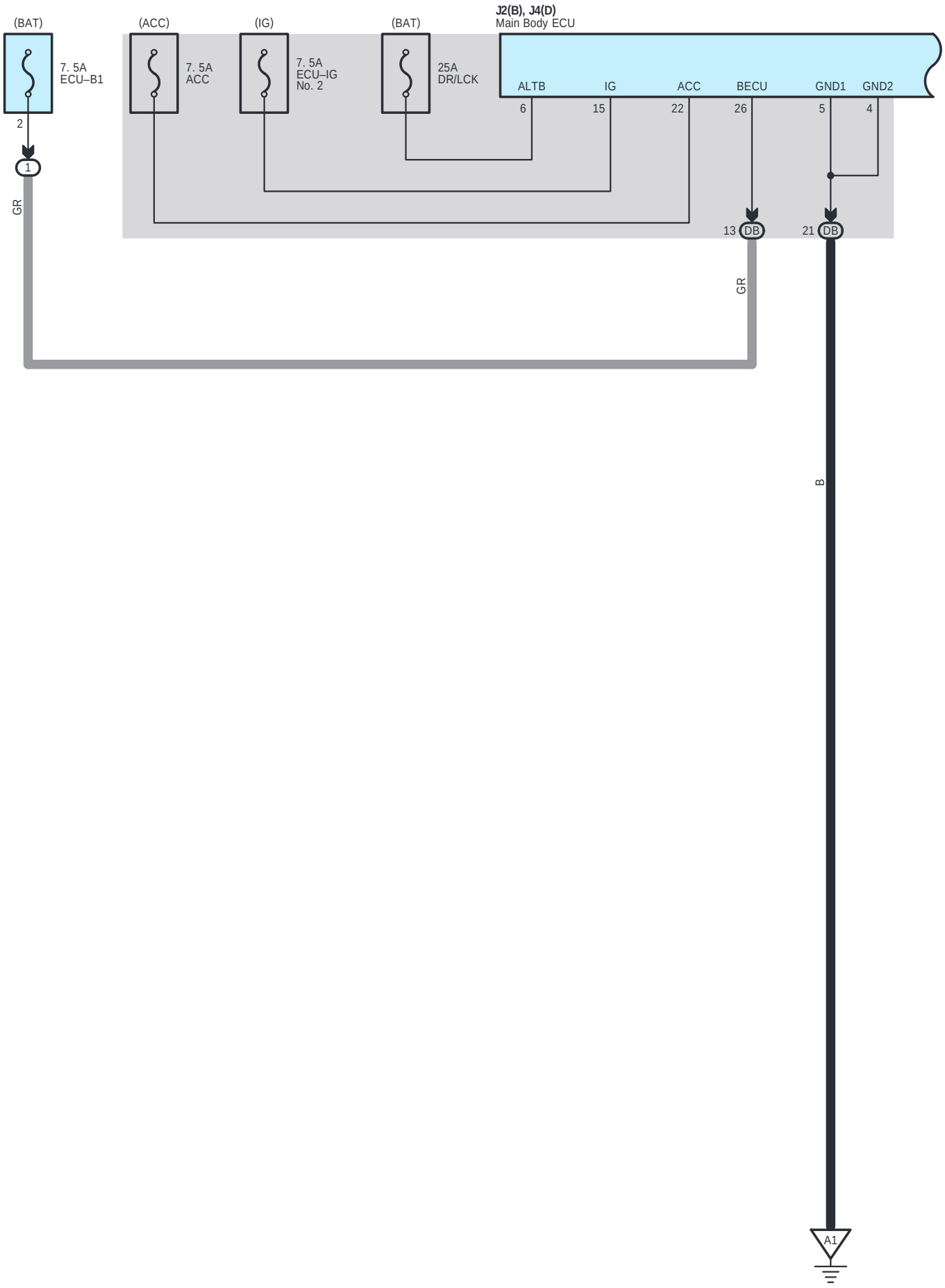


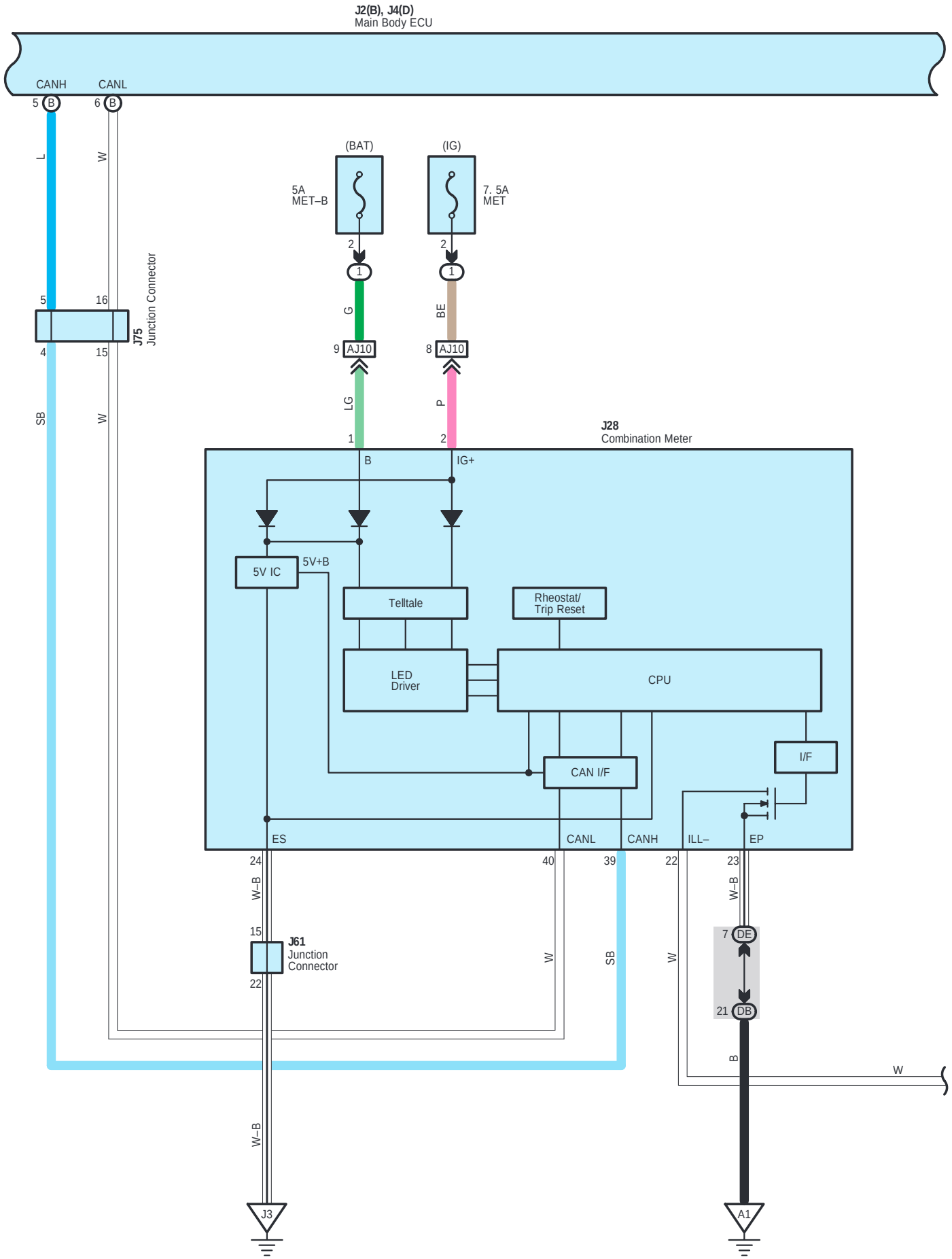
PA1
White

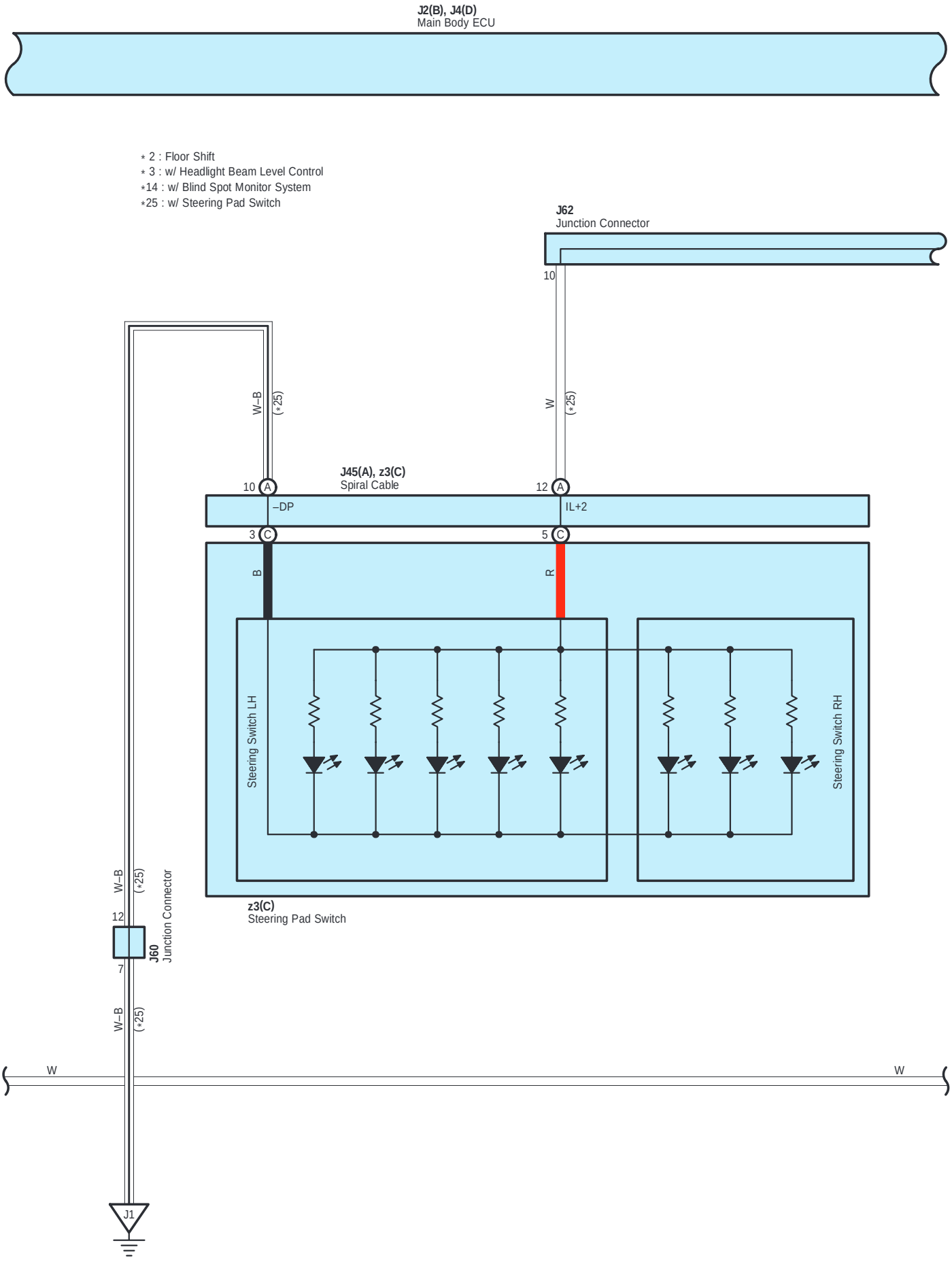


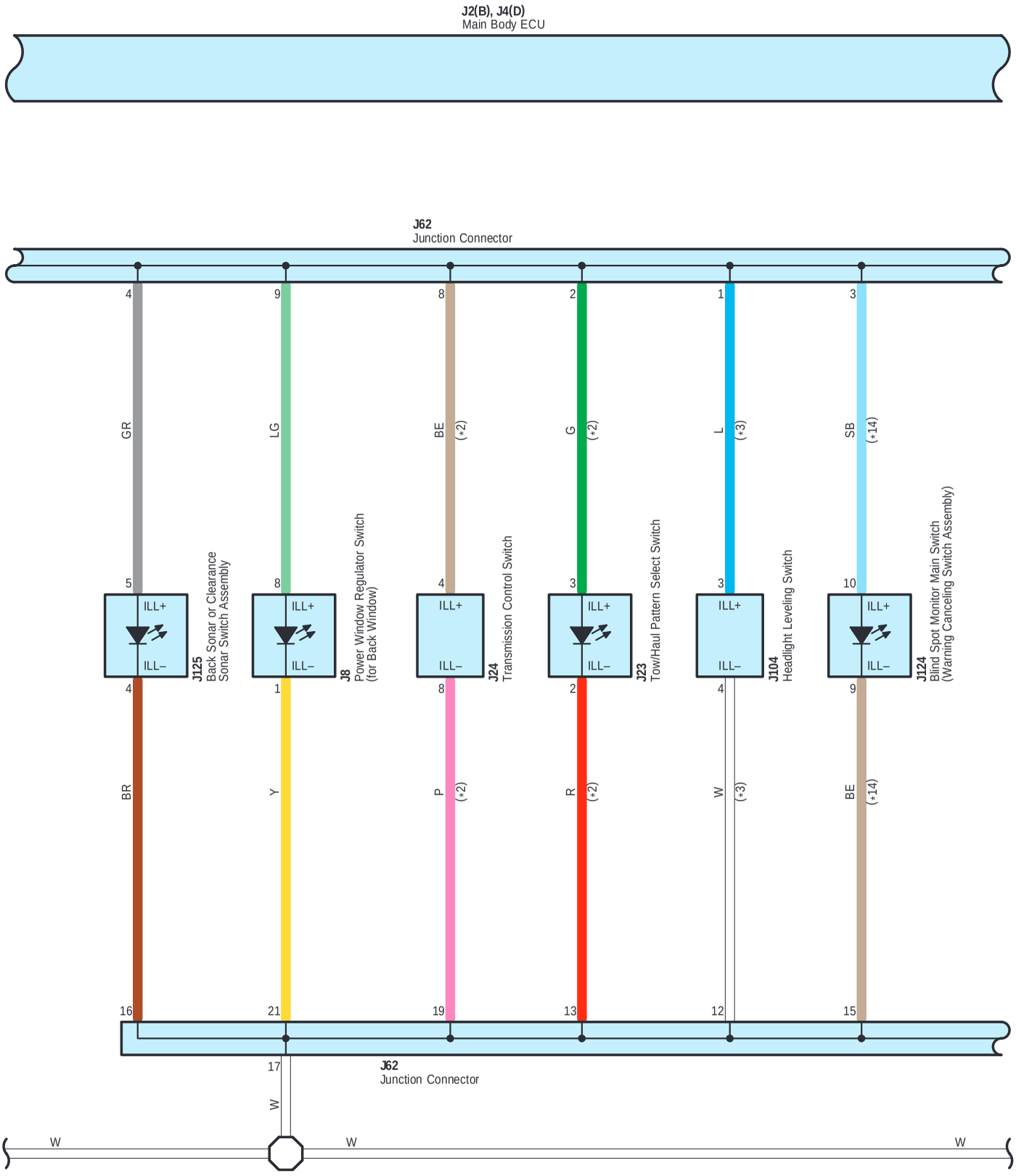
RA5
Gray

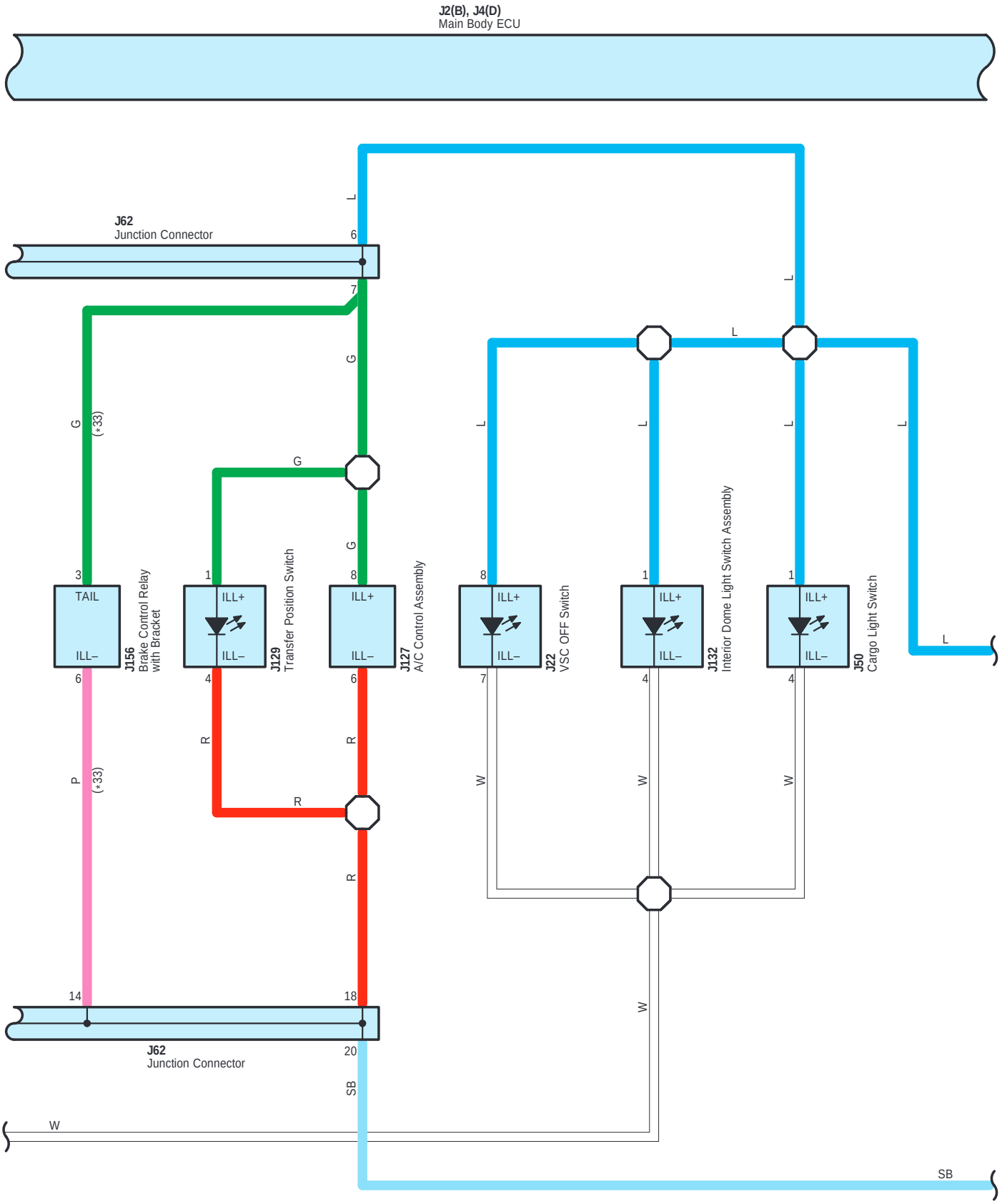



(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1

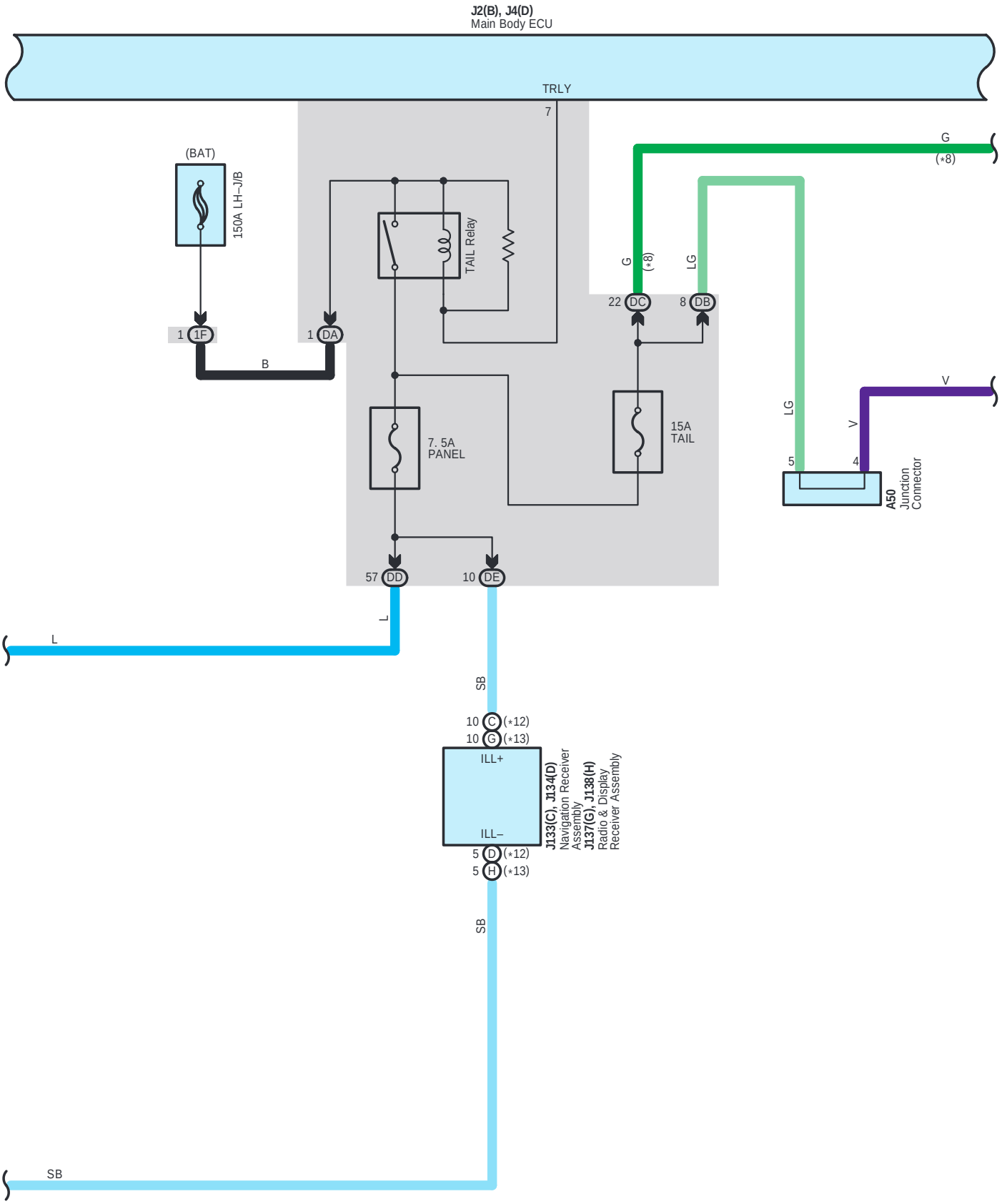

J2(B), J4(D)
Main Body ECU
CANH
CANL
5 B
6 B
L
W
(BAT)
(IG)
5A
MET–B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
5
16
4
15
J75
Junction Connector
SB
W
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Rheostat/
Trip Reset
LED
Driver
CPU
I/F
CAN I/F
ES
CANL
CANH
ILL–
EP
24
40
39
22
23
W–B
15
J61
Junction
Connector
22
W
SB
W
7 DE
21 DB
B
W
W–B
J3
A1

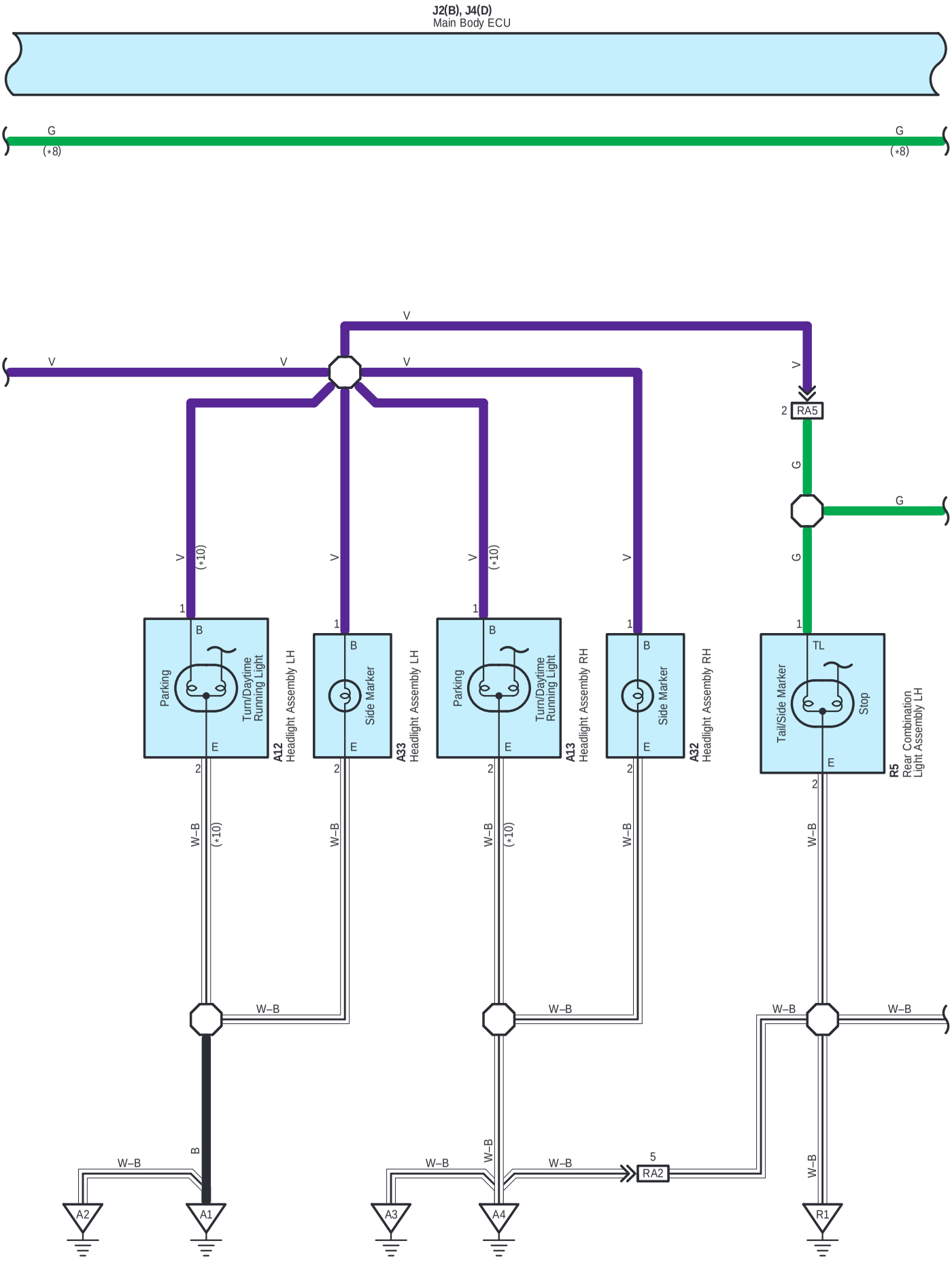

J2(B), J4(D)
Main Body ECU
* 2 : Floor Shift
* 3 : w/ Headlight Beam Level Control
*14 : w/ Blind Spot Monitor System
*25 : w/ Steering Pad Switch
J62
Junction Connector
10
W
(*25)
W–B
(*25)
J45(A), z3(C)
Spiral Cable
10 A
12 A
–DP
IL+2
3 C
5 C
B
R
Steering Switch LH
Steering Switch RH
z3(C)
Steering Pad Switch
W–B
(*25)
12
J60
Junction Connector
7
W–B
(*25)
W
W
J1

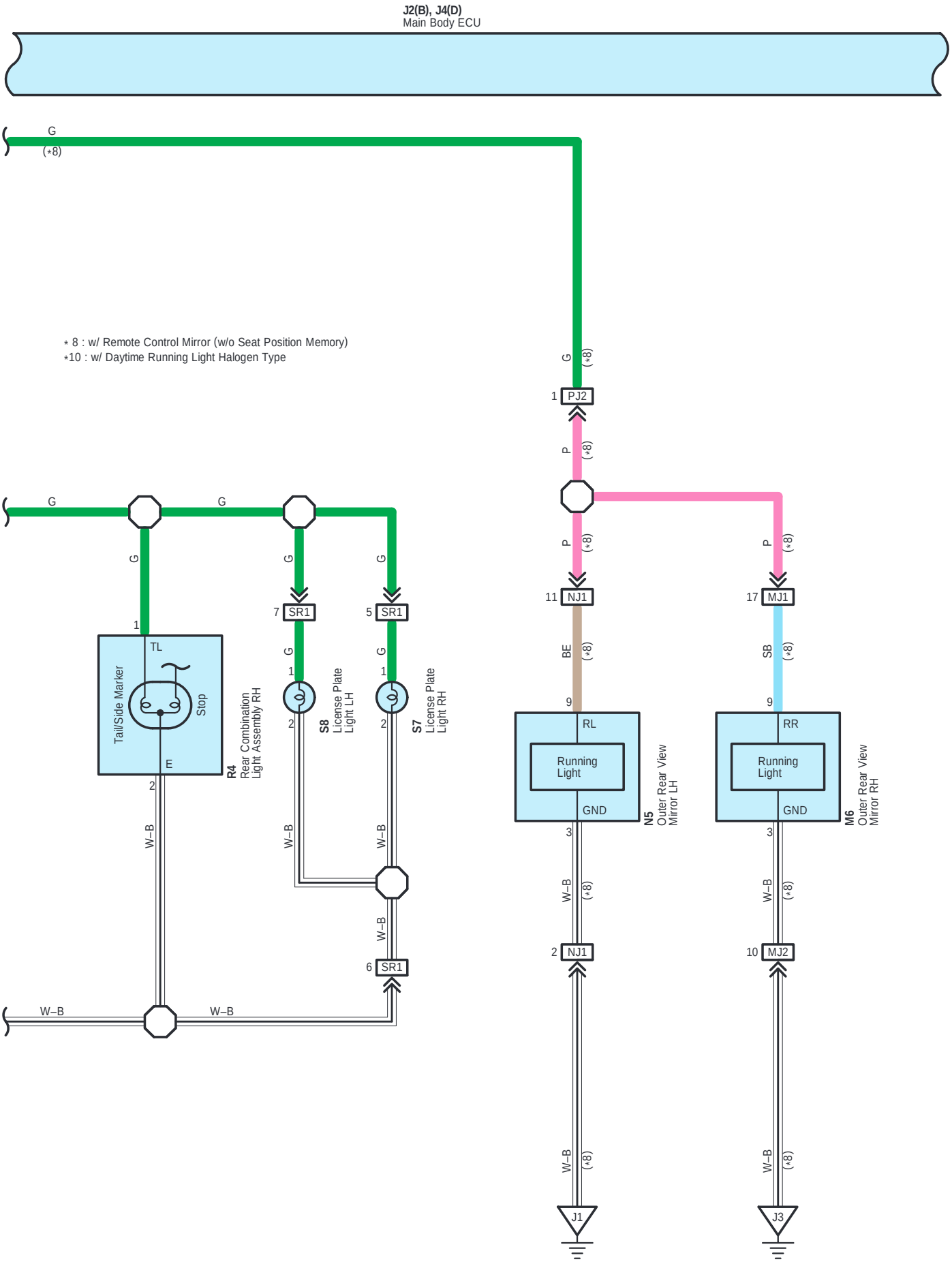

J2(B), J4(D)
Main Body ECU
J62
Junction Connector
4
9
8
2
1
3
GR
LG
BE
(*2)
G
(*2)
L
(*3)
SB
(*14)
5
8
4
3
3
10
ILL+
ILL–
J125
Back Sonar or Clearance
Sonar Switch Assembly
J8
Power Window Regulator Switch
(for Back Window)
J24
Transmission Control Switch
J23
Tow/Haul Pattern Select Switch
J104
Headlight Leveling Switch
J124
Blind Spot Monitor Main Switch
(Warning Canceling Switch Assembly)
4
1
8
2
4
9
BR
Y
P
(*2)
R
(*2)
W
(*3)
BE
(*14)
16
21
19
13
12
15
17
J62
Junction Connector
W
W
W

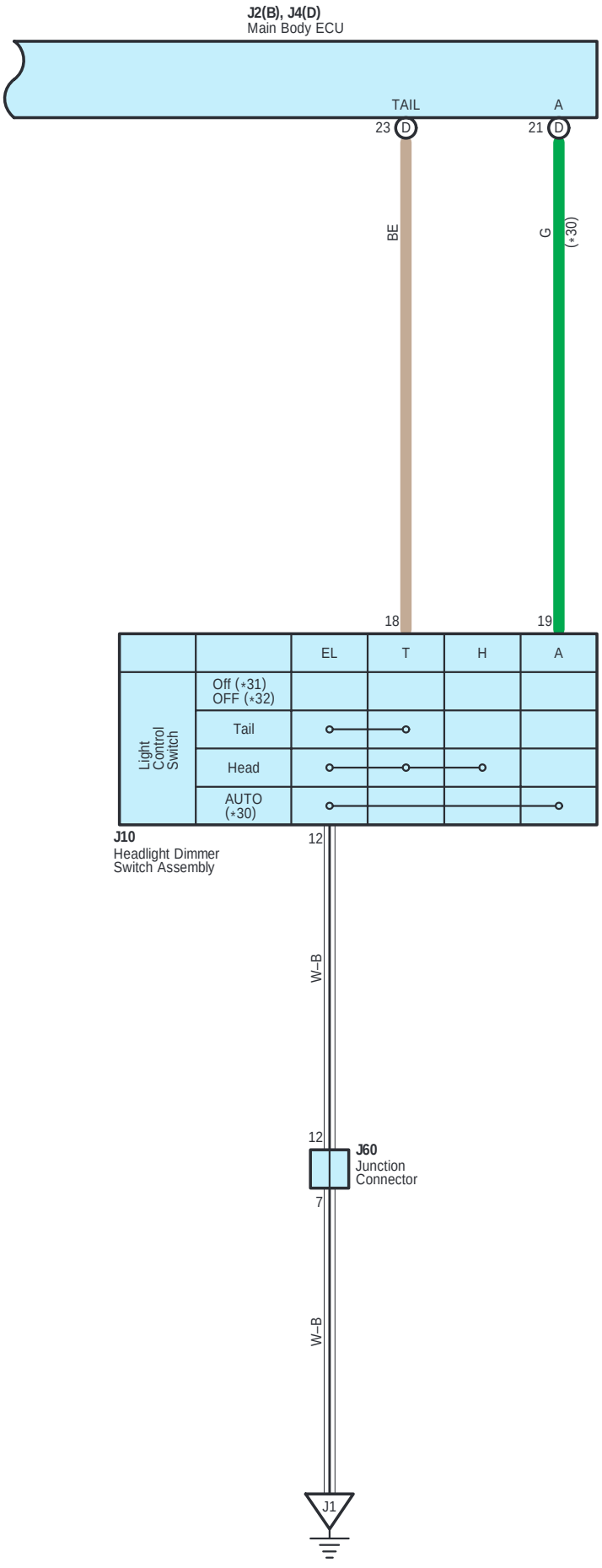


* 8 : w/ Remote Control Mirror (w/o Seat Position Memory)
*12 : w/ Navigation System
*13 : w/o Navigation System
*33 : w/ Trailer Brake Control System


J2(B), J4(D)
Main Body ECU
TRLY
7
(BAT)
150A LH–J/B
TAIL Relay
1 1F
1 DA
B
G
(*8)
LG
22 DC
8 DB
7. 5A
PANEL
15A
TAIL
LG
V
V
5
4
A50
Junction
Connector
57 DD
10 DE
L
L
SB
10 C (*12)
10 G (*13)
ILL+
ILL–
5 D (*12)
5 H (*13)
J133(C), J134(D)
Navigation Receiver
Assembly
J137(G), J138(H)
Radio & Display
Receiver Assembly
SB
SB

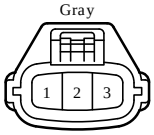

J2(B), J4(D)
Main Body ECU
G
(*8)
G
(*8)
V
V
V
V
V
2
RA5
G
G
G
V
(*10)
V
V
(*10)
V
1
1
1
1
1
B
B
B
TL
Parking
Turn/Daytime Running Light
Side Marker
Parking
Turn/Daytime Running Light
Side Marker
Tail/Side Marker
Stop
E
E
E
E
E
A12 Headlight Assembly LH
A33 Headlight Assembly LH
A13 Headlight Assembly RH
A32 Headlight Assembly RH
R5 Rear Combination Light Assembly LH
2
2
2
2
2
W–B
(*10)
W–B
W–B
(*10)
W–B
W–B
W–B
W–B
W–B
B
W–B
W–B
W–B
5
RA2
W–B
W–B
A2
A1
A3
A4
R1


J2(B), J4(D)
Main Body ECU
G
(*8)
* 8 : w/ Remote Control Mirror (w/o Seat Position Memory)
*10 : w/ Daytime Running Light Halogen Type
G (*8)
1 PJ2
P (*8)
P (*8)
P (*8)
11 NJ1
17 MJ1
BE (*8)
SB (*8)
9
9
RL
RR
Running Light
Running Light
GND
GND
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
3
3
W–B (*8)
W–B (*8)
2 NJ1
10 MJ2
W–B (*8)
W–B (*8)
J1
J3
G
G
G
G
G
1
7 SR1
5 SR1
G
G
1
1
2
2
S8 License Plate Light LH
S7 License Plate Light RH
W–B
W–B
W–B
6 SR1
W–B
W–B
1
TL
Tail/Side Marker
Stop
E
2
R4 Rear Combination Light Assembly RH



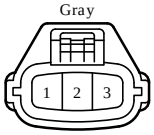
*30 : w/ Automatic Light Control
*31 : Canada, South America, Venezuela
*32 : Except *31

A 12
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 32
Gray



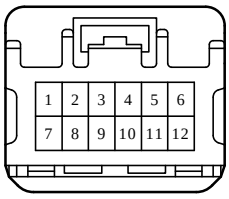
(Front Side Marker Light)

A 33
Gray

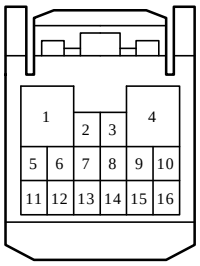


(Front Side Marker Light)

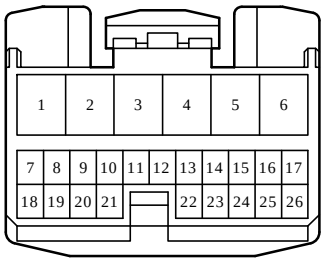
A 50
White



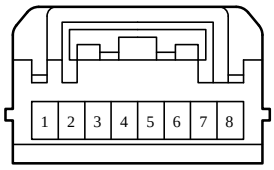
J 2
White



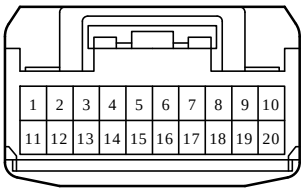
J 4
White



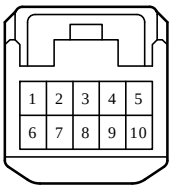
J 8
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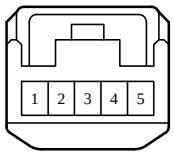
J 10
White



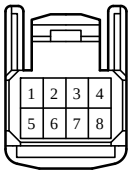
J 22
Black



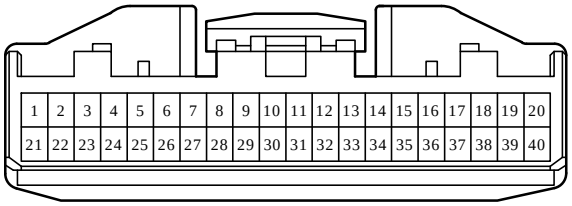
J 23
Black



J 24
White



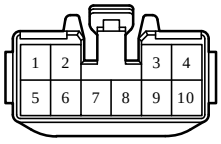
J 28
Black



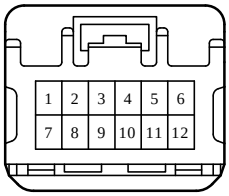
J 45
Black



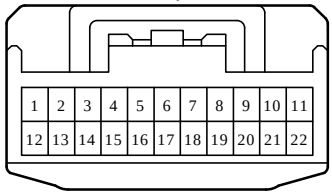
J 50
Black



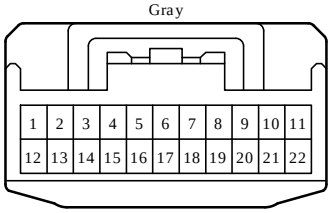
J 60
White



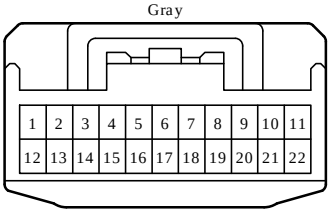
J 61
Gray



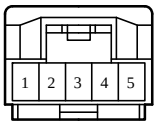
J 62
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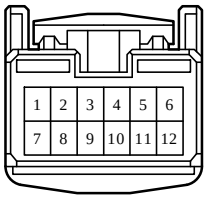
J 75
Gray



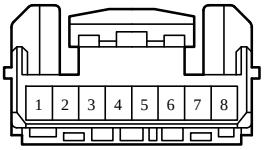
J104
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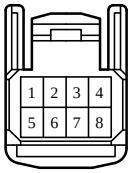
J124
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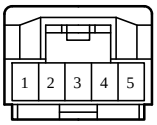
J125
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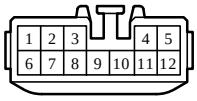
J127
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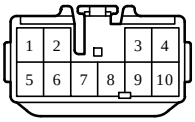
J129
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J132
Black



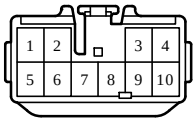
J133
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J134
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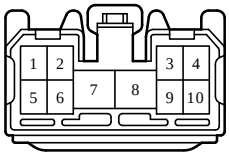
J137
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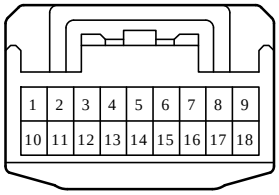
J138
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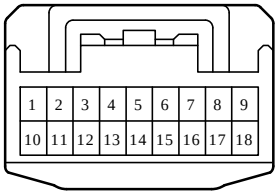
J156
White



M 6
White



N 5
White



R 4
Gray



R 5
Gray



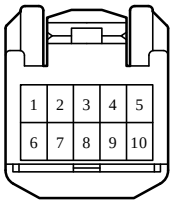
S 7
Gray



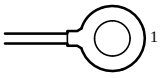
S 8
Gray



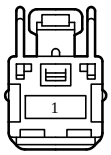
z 3
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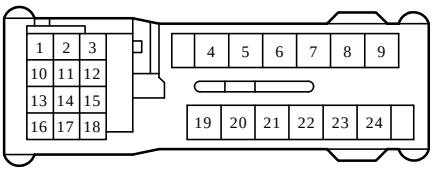
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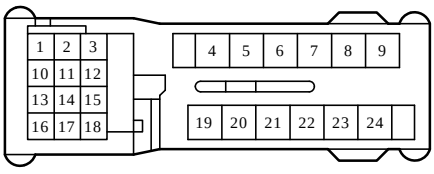
DA
White



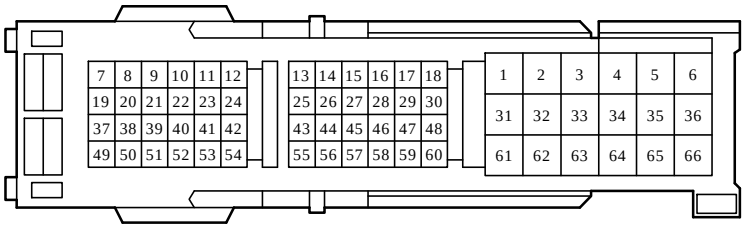
DB
White



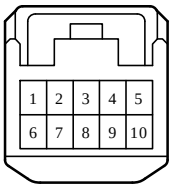
DC
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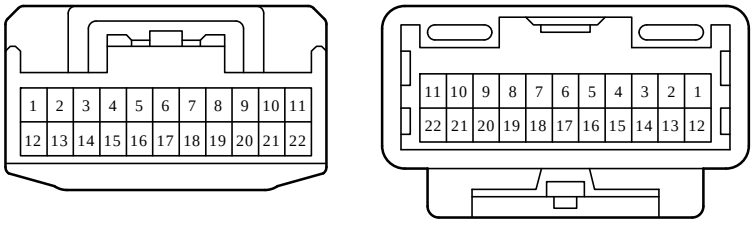
DD
White



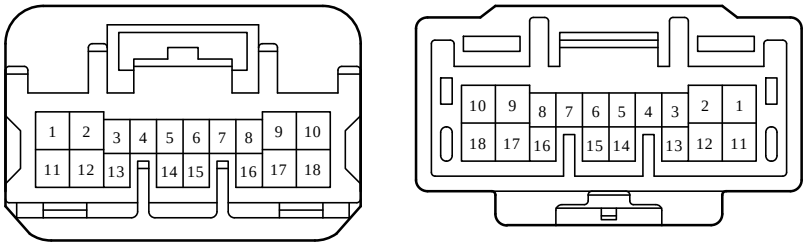
DE
White



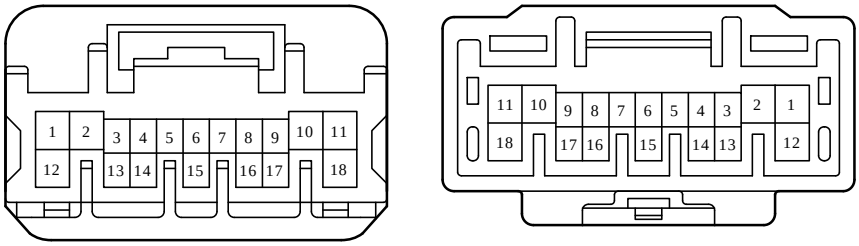
AJ10
Gray



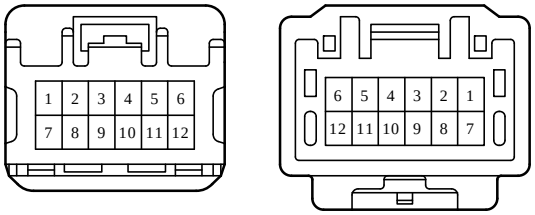
MJ1
Blue



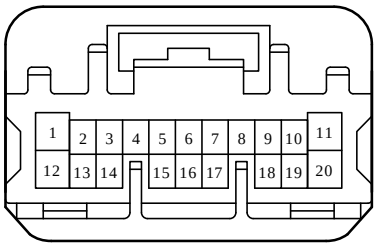
MJ2
Blue

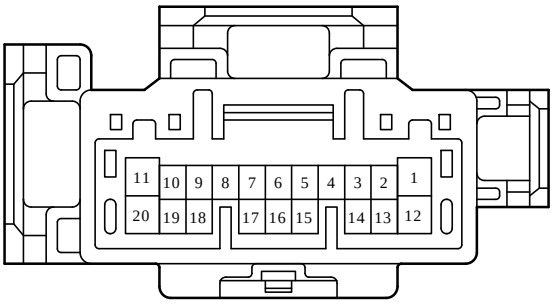


NJ1
Blue

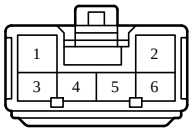


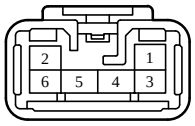
PJ2
White



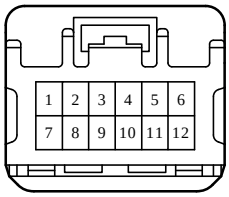


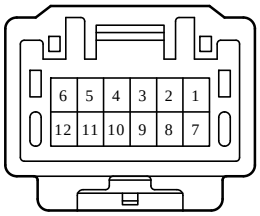
RA2
White



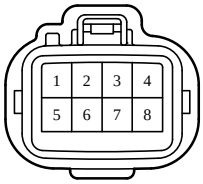


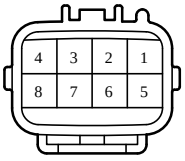
RA5
Gray

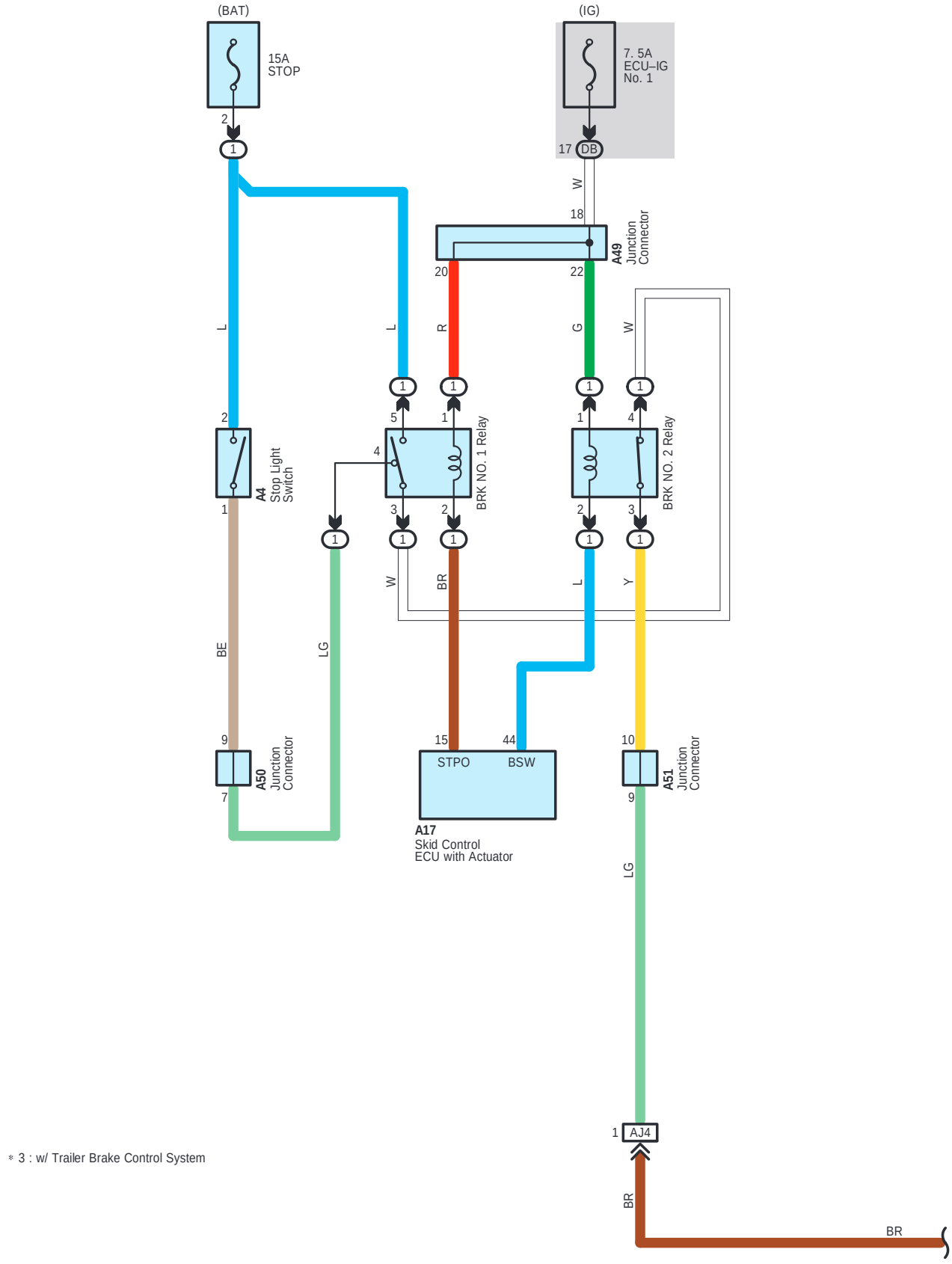




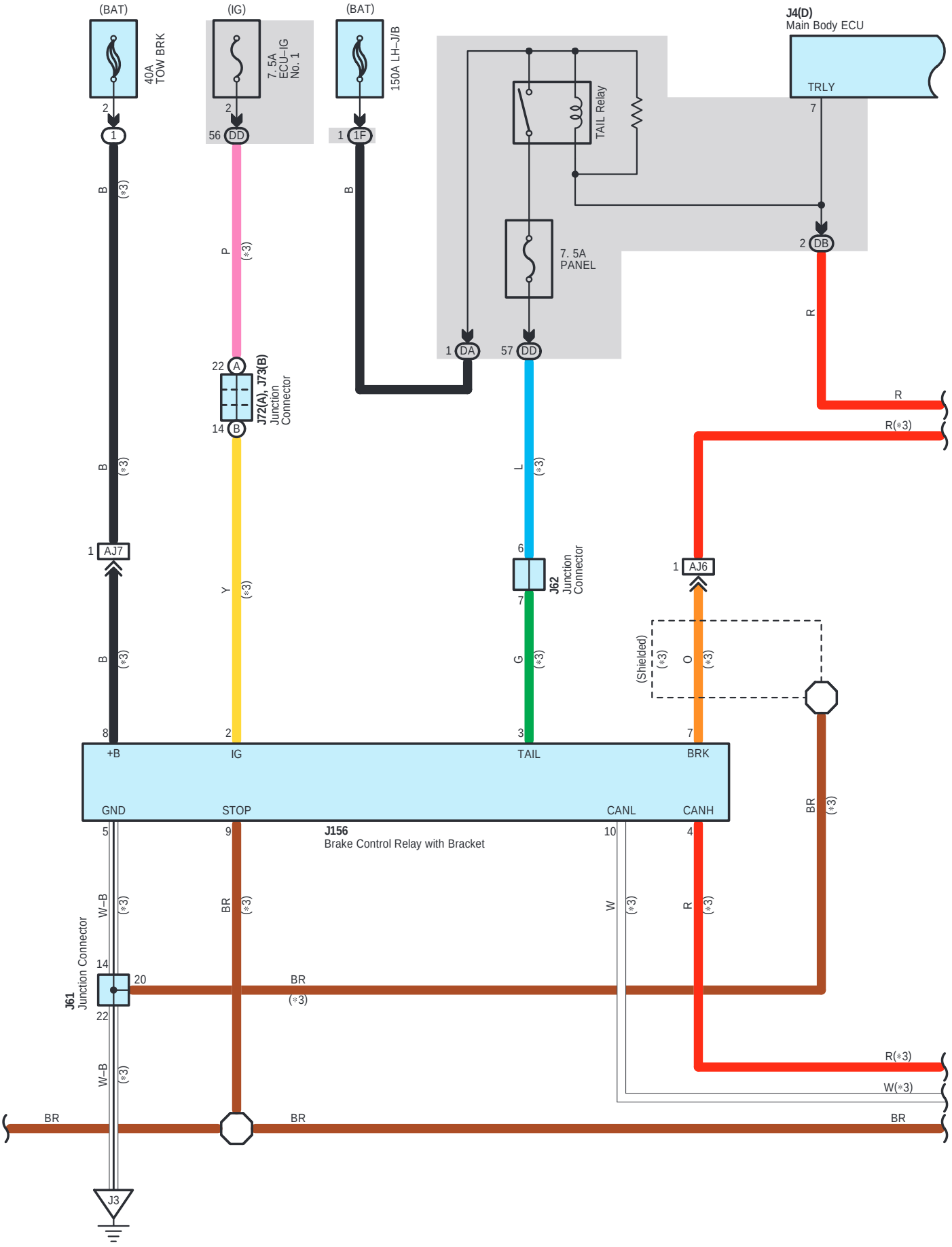
SR1
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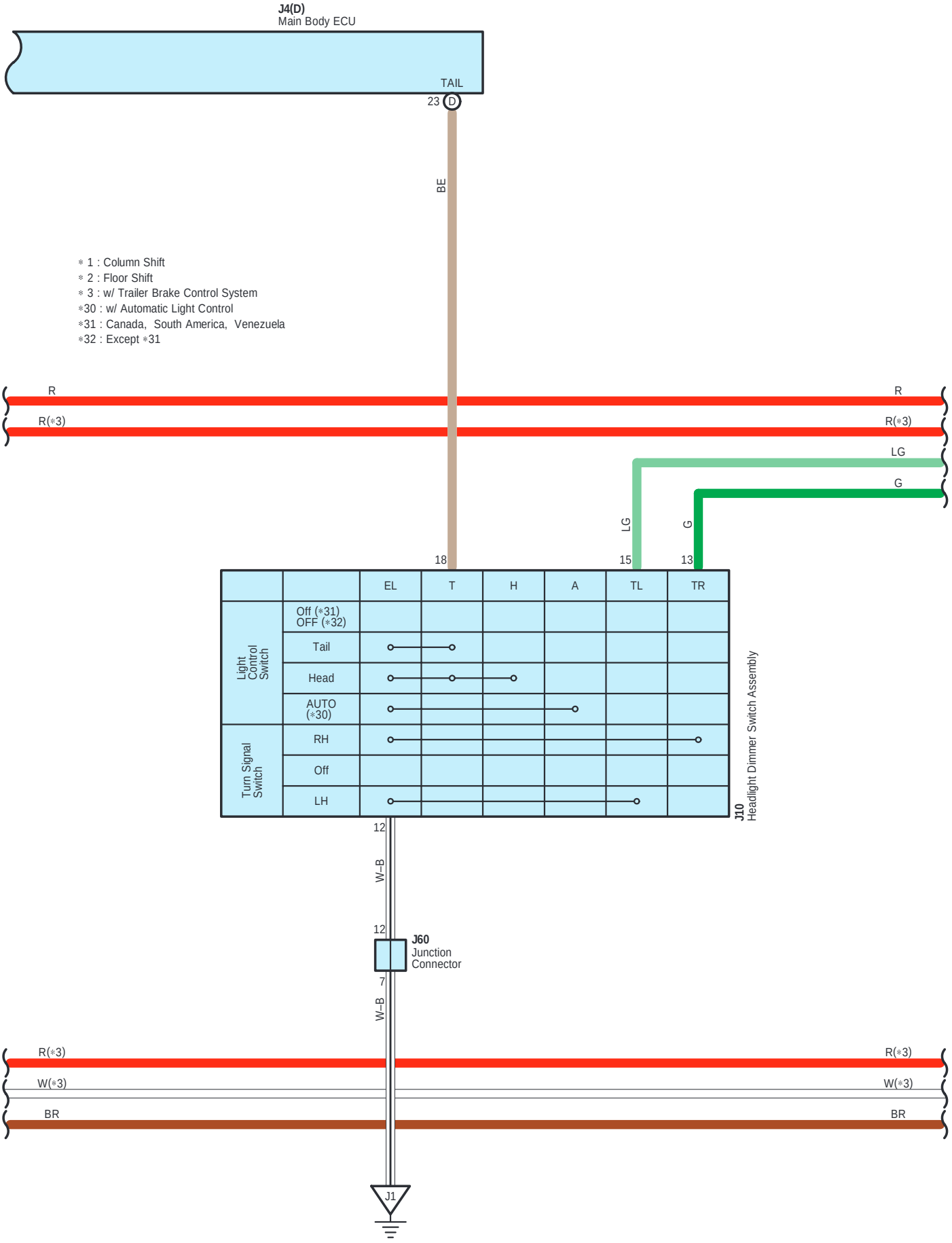


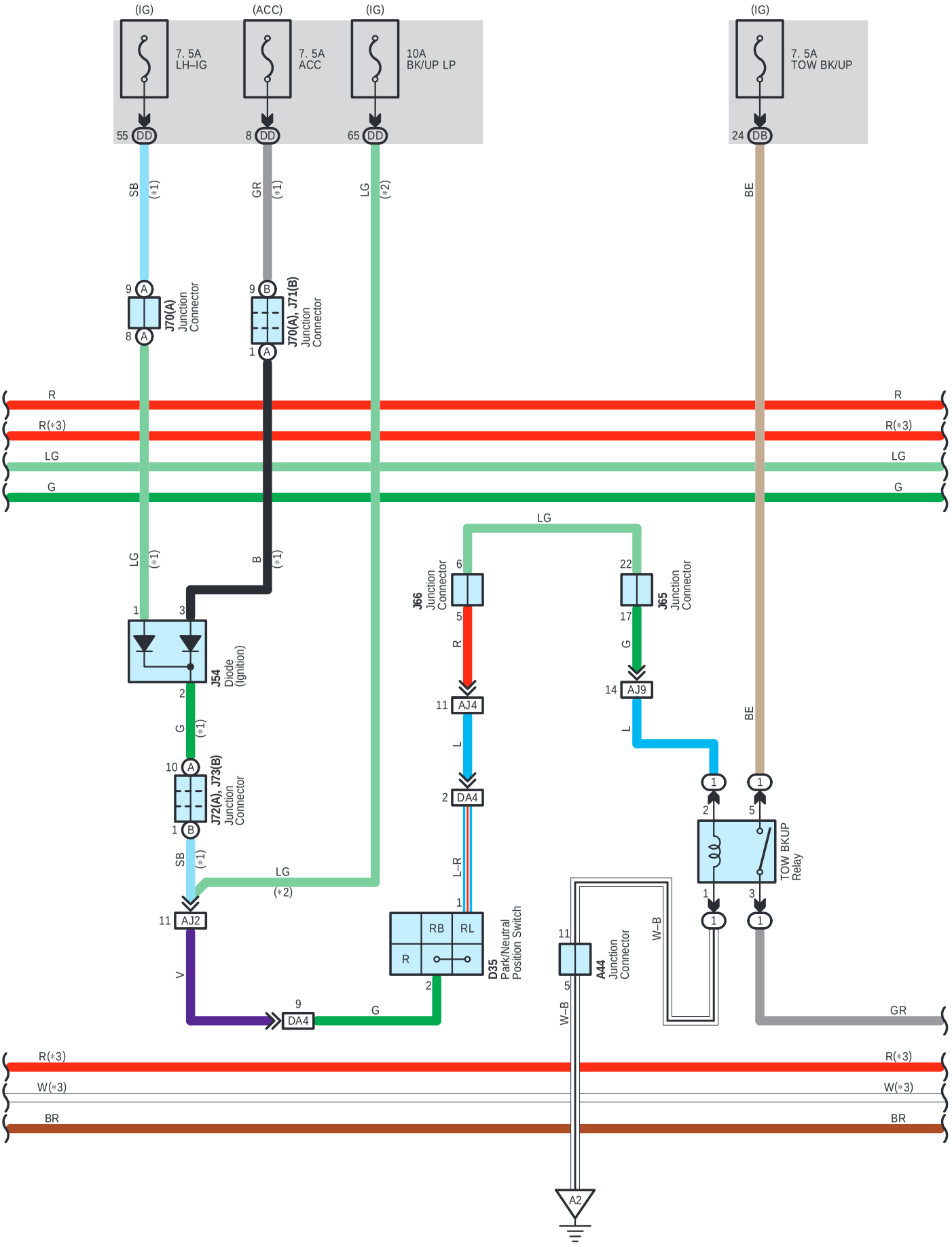


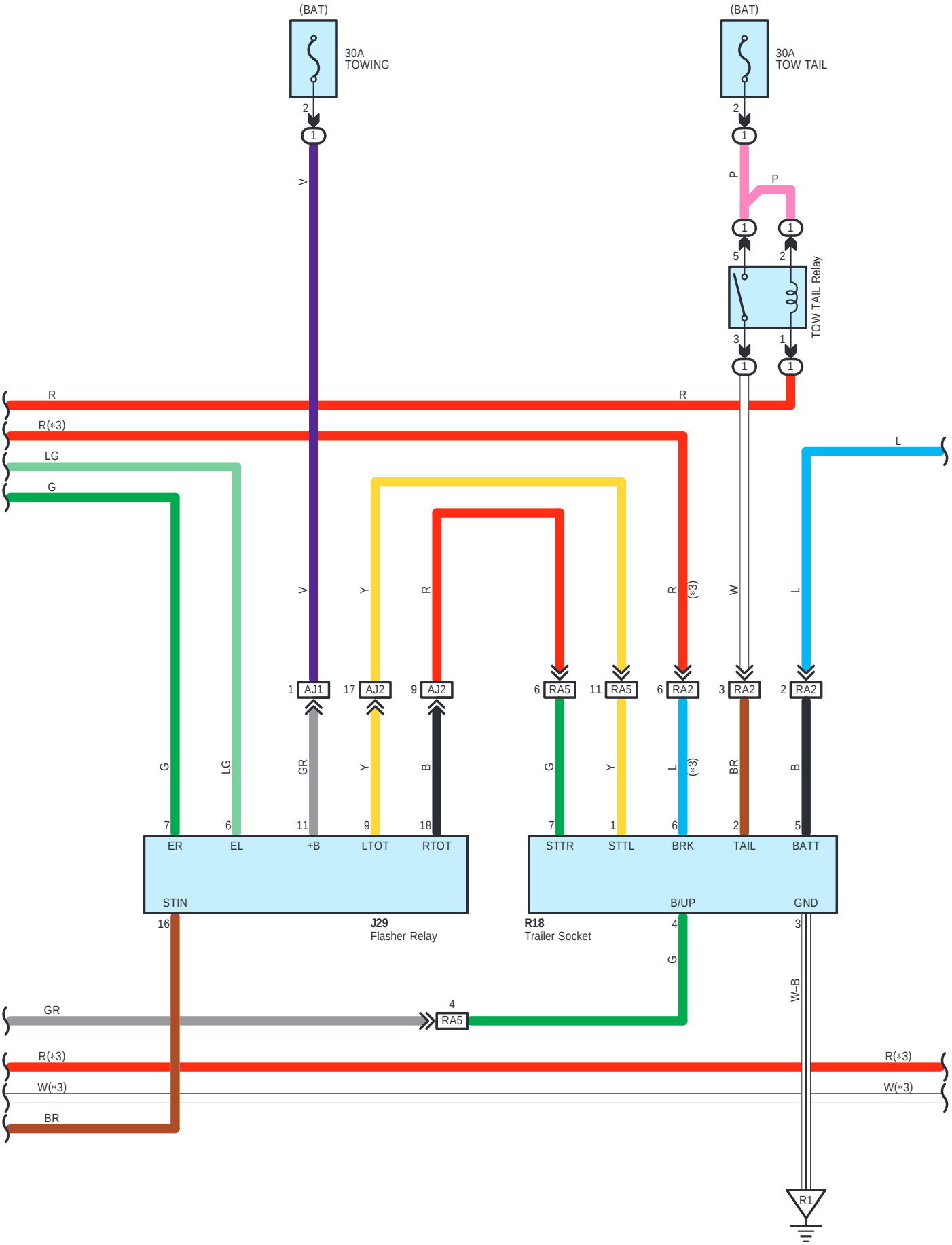


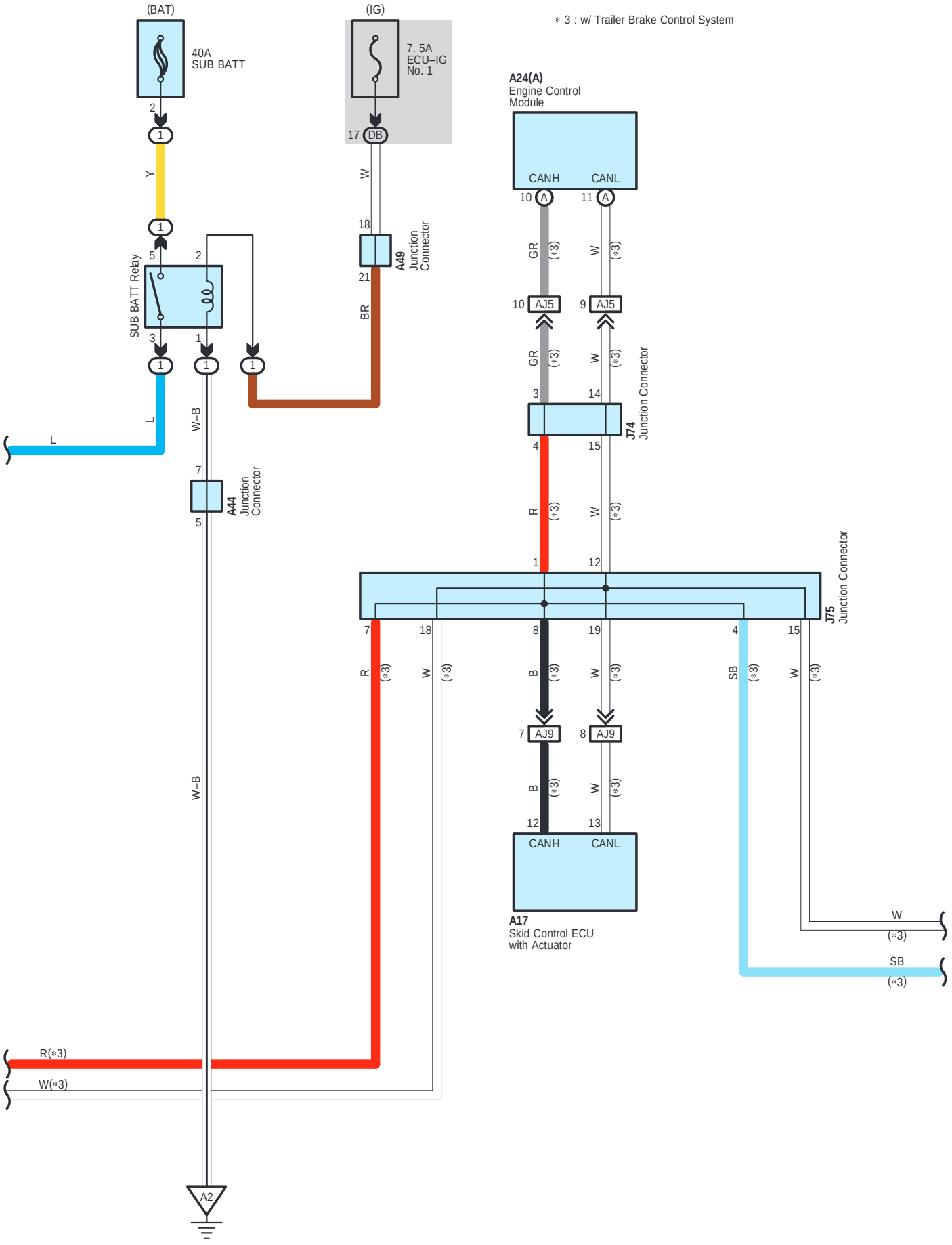
* 3 : w/ Trailer Brake Control System

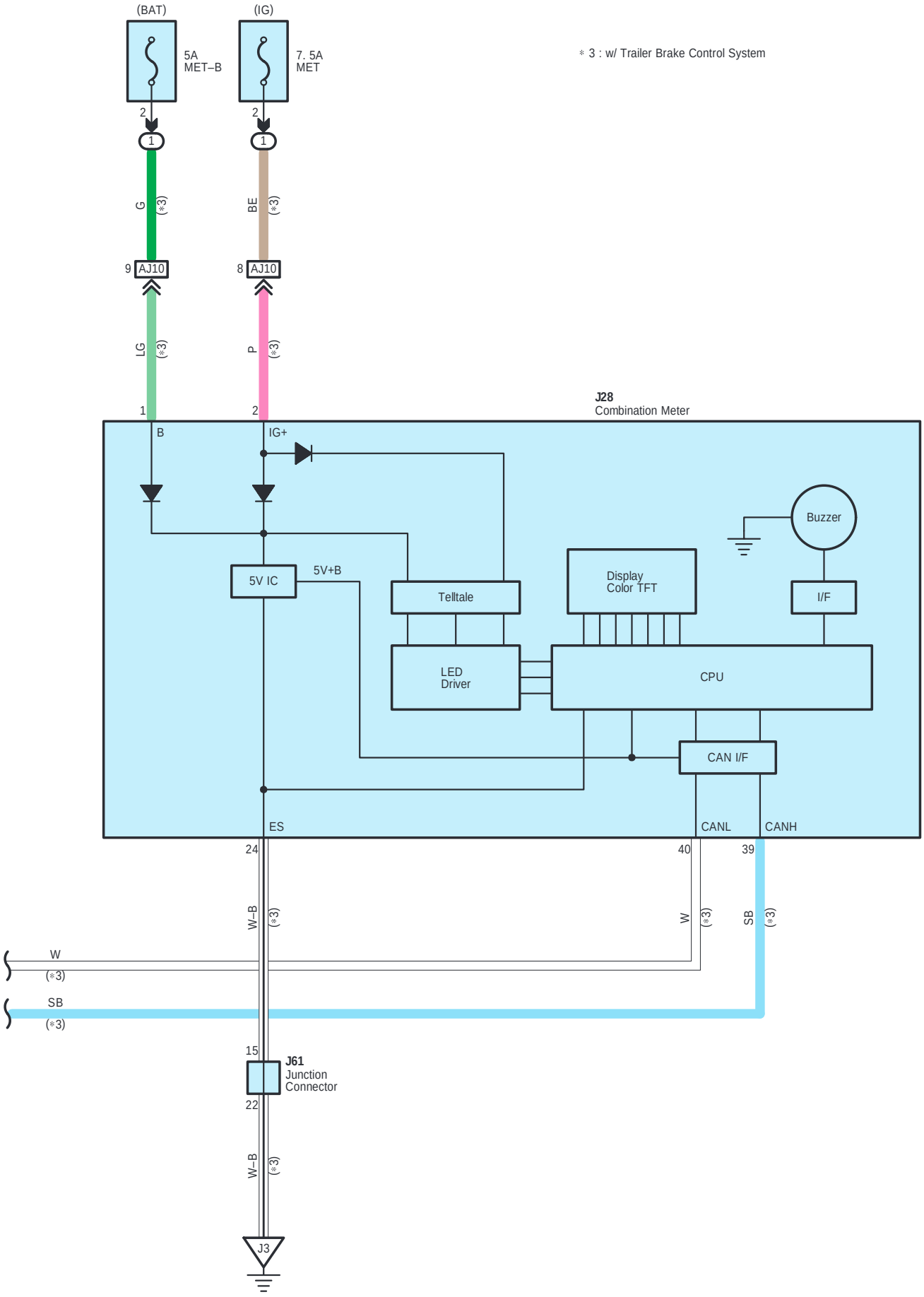

(BAT)
40A TOW BRK
(IG)
7.5A ECU-IG No. 1
(BAT)
150A LH-J/B
J4(D)
Main Body ECU
TRLY
TAIL Relay
7.5A PANEL
J72(A), J73(B) Junction Connector
J62 Junction Connector
AJ7
AJ6
(Shielded)
+B
IG
TAIL
BRK
GND
STOP
CANL
CANH
J156
Brake Control Relay with Bracket
J61 Junction Connector
J3
B
P
L
Y
G
O
R
W
BR
W-B
R(*3)
W(*3)


J4(D)
Main Body ECU
TAIL
23
D
BE
∗ 1 : Column Shift
∗ 2 : Floor Shift
∗ 3 : w/ Trailer Brake Control System
∗30 : w/ Automatic Light Control
∗31 : Canada, South America, Venezuela
∗32 : Except ∗31
R
R(∗3)
R
R(∗3)
LG
G
LG
G
18
15
13
EL
T
H
A
TL
TR
Off (∗31)
OFF (∗32)
Tail
Head
AUTO
(∗30)
RH
Off
LH
Light Control Switch
Turn Signal Switch
J10
Headlight Dimmer Switch Assembly
12
W–B
12
J60
Junction Connector
7
W–B
R(∗3)
W(∗3)
BR
R(∗3)
W(∗3)
BR
J1

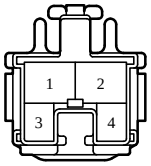

(IG)
7. 5A
LH–IG
(ACC)
7. 5A
ACC
(IG)
10A
BK/UP LP
(IG)
7. 5A
TOW BK/UP
55 DD
8 DD
65 DD
24 DB
SB (*1)
GR (*1)
LG (*2)
BE
J70(A) Junction Connector
J70(A), J71(B) Junction Connector
R
R(*3)
LG
G
LG (*1)
B (*1)
J54 Diode (Ignition)
G (*1)
J72(A), J73(B) Junction Connector
SB (*1)
LG (*2)
AJ2
V
DA4
G
J66 Junction Connector
J65 Junction Connector
AJ4
L
DA4
L–R
D35 Park/Neutral Position Switch
RB
RL
R
AJ9
L
TOW BKUP Relay
A44 Junction Connector
W–B
W–B
GR
R(*3)
W(*3)
BR
A2


(BAT)
30A
TOWING
(BAT)
30A
TOW TAIL
TOW TAIL Relay
R
R(*3)
LG
G
L
V
Y
R
R(*3)
W
L
GR
P
1 AJ1
17 AJ2
9 AJ2
6 RA5
11 RA5
6 RA2
3 RA2
2 RA2
ER
EL
+B
LTOT
RTOT
STTR
STTL
BRK
TAIL
BATT
STIN
B/UP
GND
J29
Flasher Relay
R18
Trailer Socket
W-B
GR
R(*3)
W(*3)
BR
RA5
R1

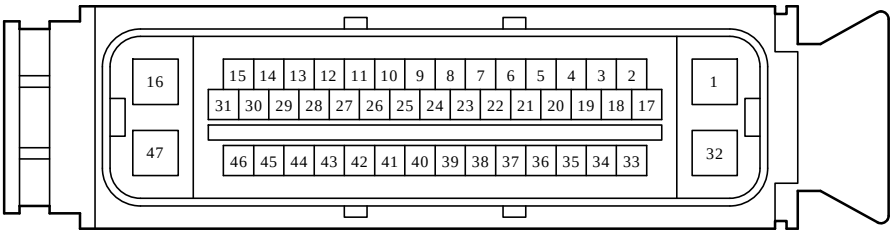

(BAT)
40A
SUB BATT
(IG)
7. 5A
ECU–IG
No. 1
∗ 3 : w/ Trailer Brake Control System
A24(A)
Engine Control
Module
CANH
CANL
SUB BATT Relay
A49
Junction
Connector
A44
Junction
Connector
J74
Junction Connector
J75
Junction Connector
A17
Skid Control ECU
with Actuator
AJ5
AJ9
W–B
R(∗3)
W(∗3)
W
(∗3)
SB
(∗3)
A2


(BAT)
(IG)
5A
MET–B
7. 5A
MET
* 3 : w/ Trailer Brake Control System
2
1
G
(*3)
BE
(*3)
9 AJ10
8 AJ10
LG
(*3)
P
(*3)
1
2
J28
Combination Meter
B
IG+
5V IC
5V+B
Telltale
Display
Color TFT
Buzzer
I/F
LED
Driver
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
(*3)
W
(*3)
SB
(*3)
W
(*3)
SB
(*3)
15
J61
Junction
Connector
22
W–B
(*3)
J3

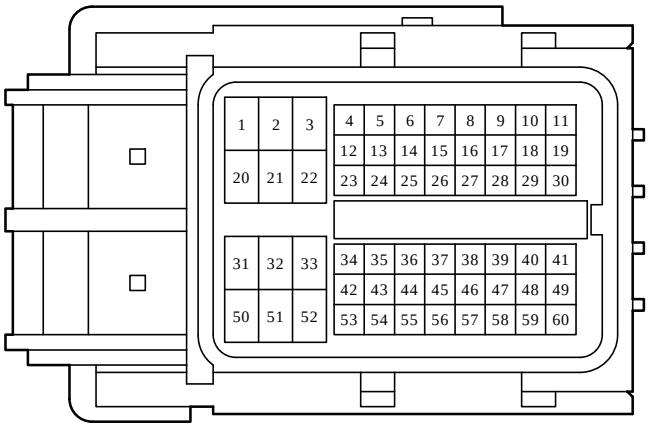
A 4
White



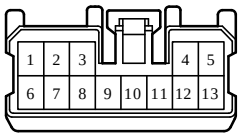
A 17
Black



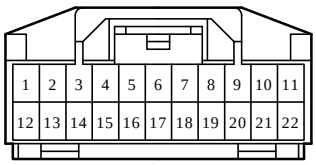
A 24
Black



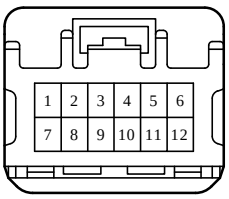
A 44
White



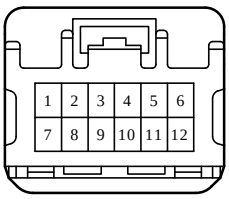
A 49
White



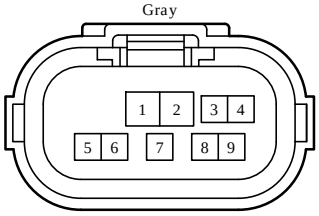
A 50
White



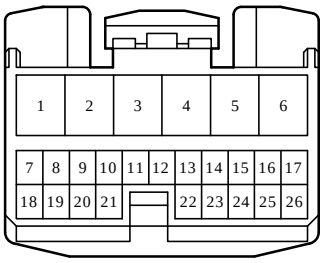
A 51
Black



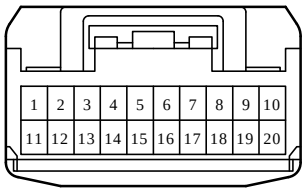
D 35
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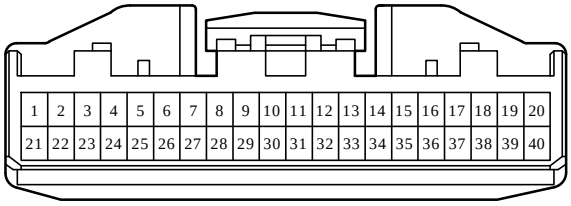
J 4
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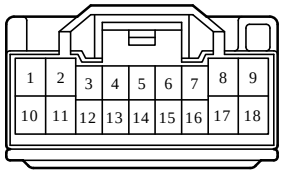
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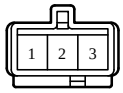
J 28
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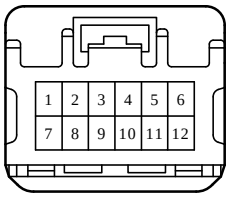
J 29
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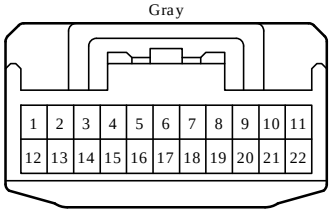
J 54
Orange



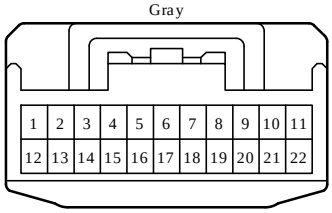
J 60
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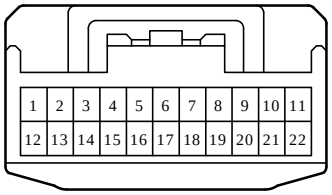
J 61
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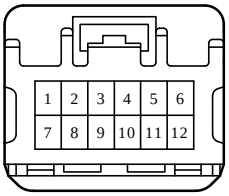
J 62
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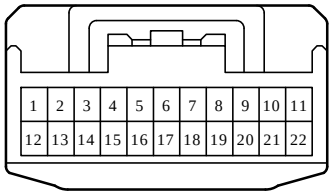
J 65
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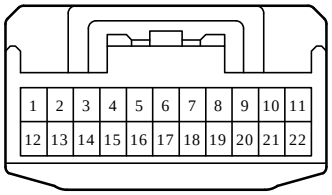
J 66
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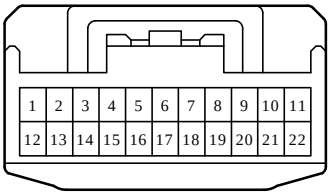
J 70
Blue



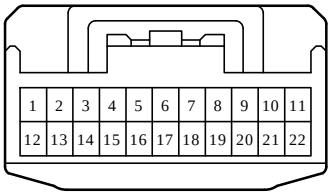
J 71
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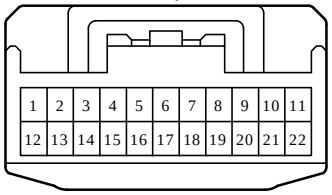
J 72
Black



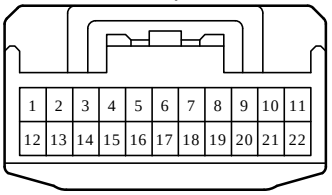
J 73
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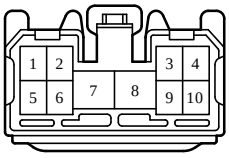
J 74
Gray



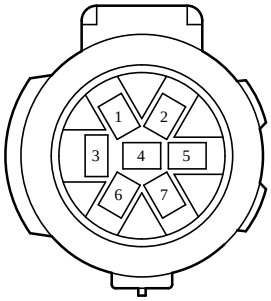
J 75
Gray



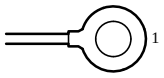
J156
White



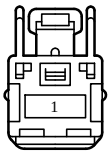
R 18
Black



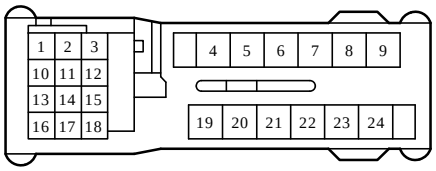
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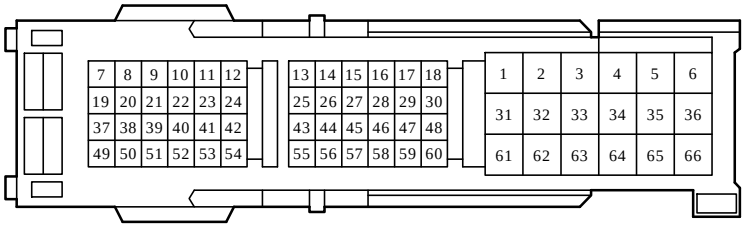
DA
White



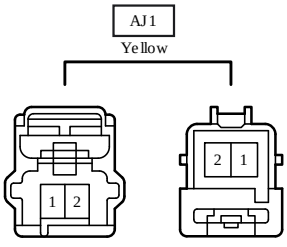
DB
White



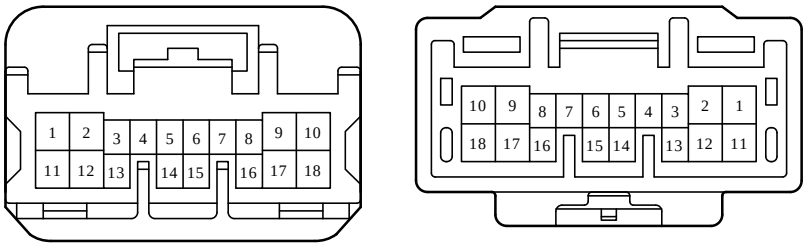
DD
White



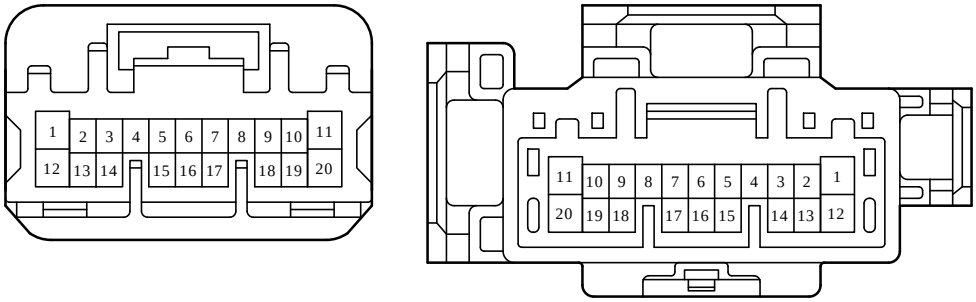
AJ1
Yellow



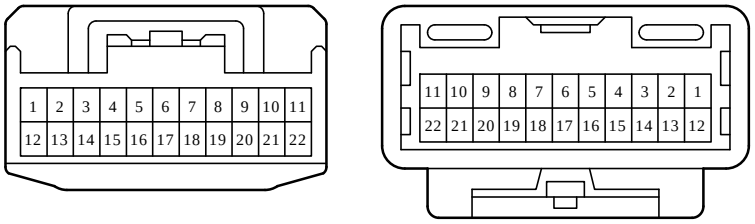
AJ2
Gray



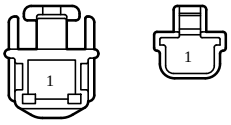
AJ4
White



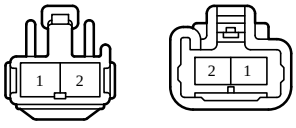
AJ5
Gray



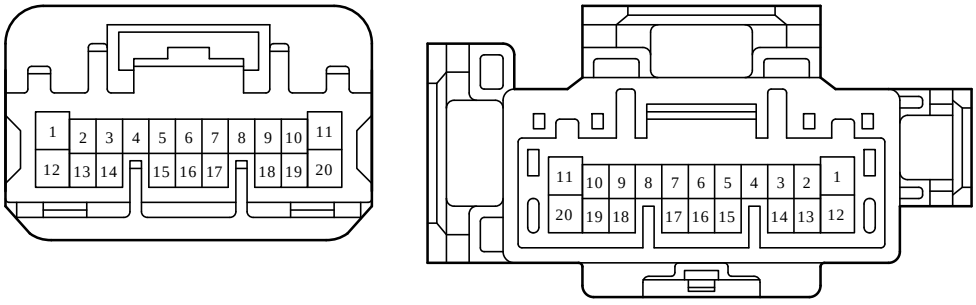
AJ6
White



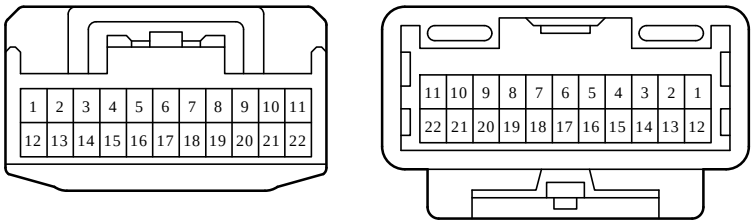
AJ7
Gray



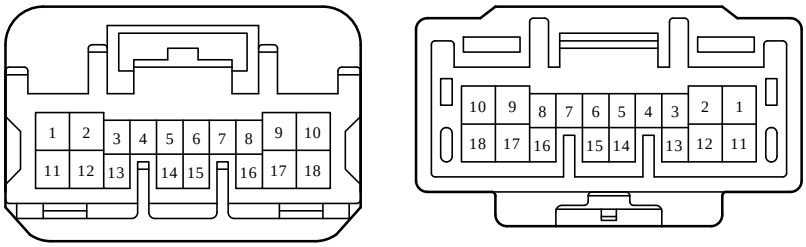
AJ9
White



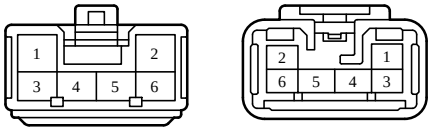
AJ10
Gray



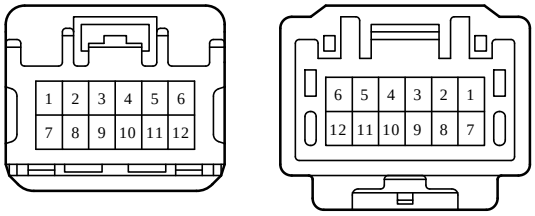
DA4
Gray

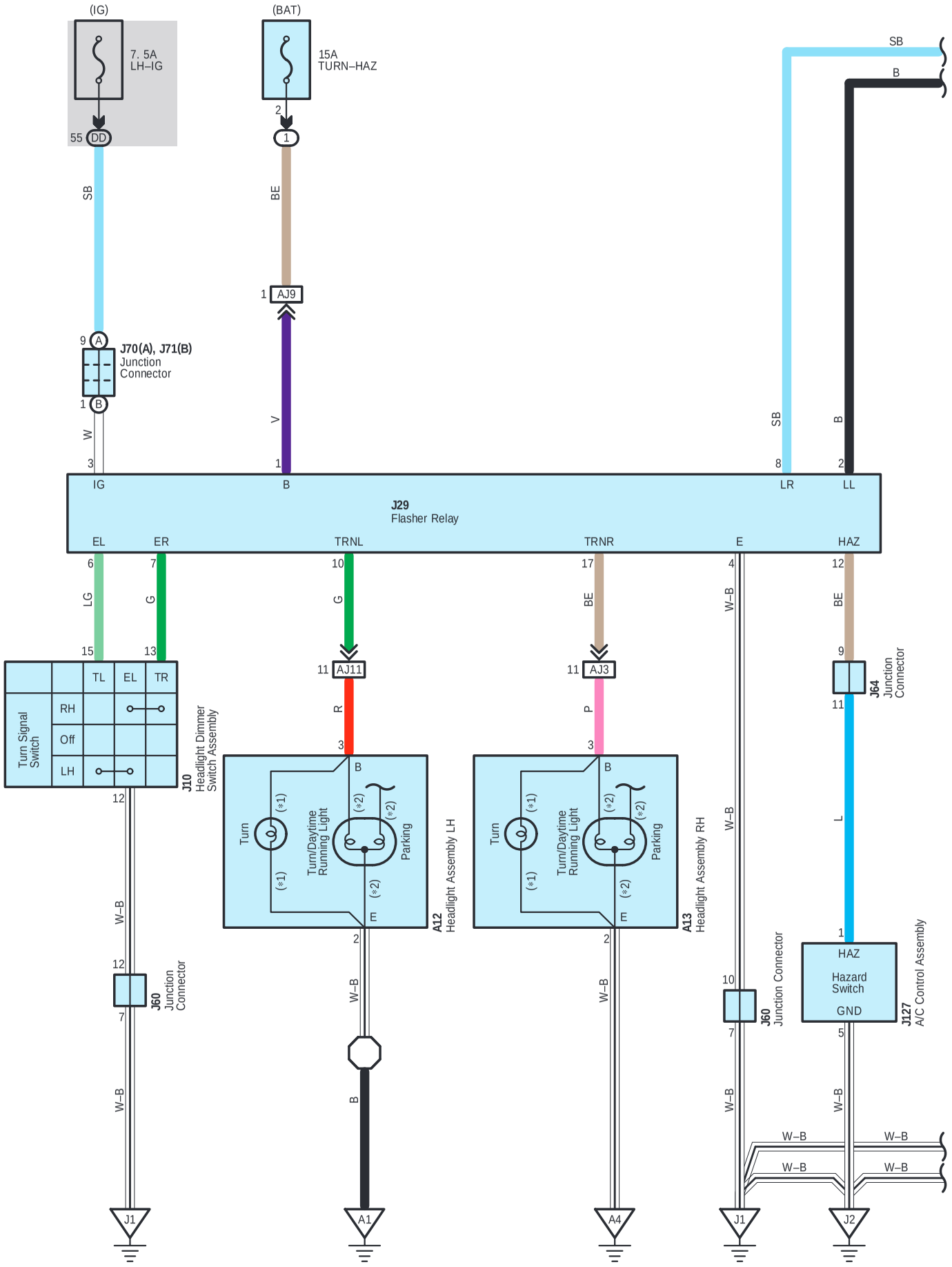


RA2
White

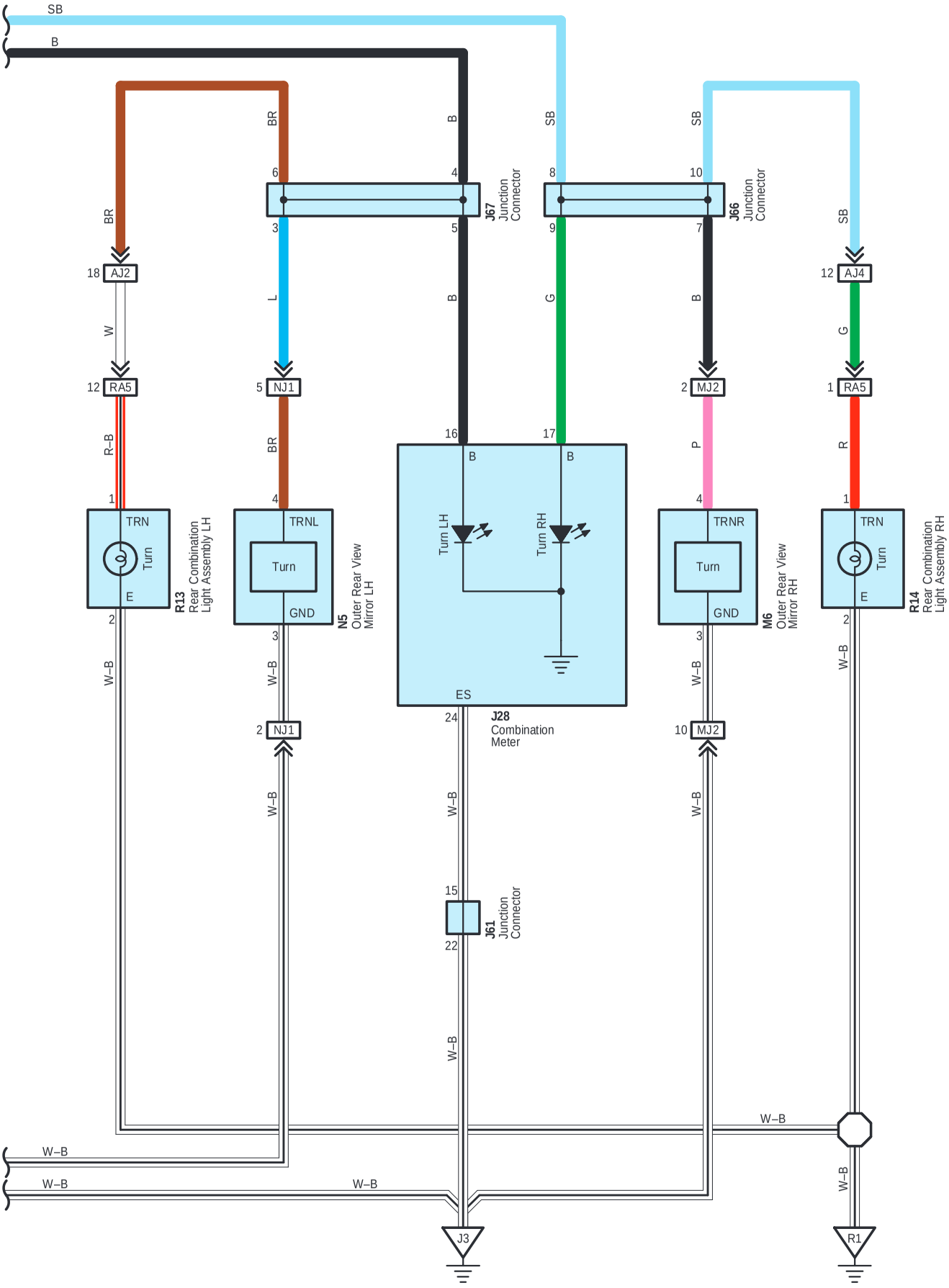


RA5
Gray

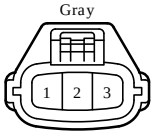



(IG)
7. 5A
LH–IG
55 DD
SB
9 A
J70(A), J71(B)
Junction
Connector
1 B
W
3
IG
(BAT)
15A
TURN–HAZ
2
1
BE
1 AJ9
V
1
B
SB
B
8
2
LR
LL
J29
Flasher Relay
EL
ER
TRNL
TRNR
E
HAZ
6
LG
15
7
G
13
10
G
11 AJ11
R
3
17
BE
11 AJ3
P
3
4
W–B
12
BE
9
J64
Junction
Connector
11
L
1
Turn Signal
Switch
TL
EL
TR
RH
Off
LH
J10
Headlight Dimmer
Switch Assembly
12
W–B
12
J60
Junction
Connector
7
W–B
J1
B
Turn
(*1)
Turn/Daytime
Running Light
(*2)
Parking
A12
Headlight Assembly LH
2
W–B
A1
A13
Headlight Assembly RH
A4
10
J60
Junction Connector
7
W–B
J1
HAZ
Hazard
Switch
GND
J127
A/C Control Assembly
5
W–B
J2
W–B
W–B
W–B
W–B

* 1 : w/ Daytime Running Light LED Type
* 2 : w/ Daytime Running Light Halogen Type

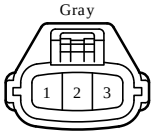


A 12
Gray



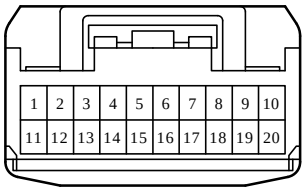
(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray

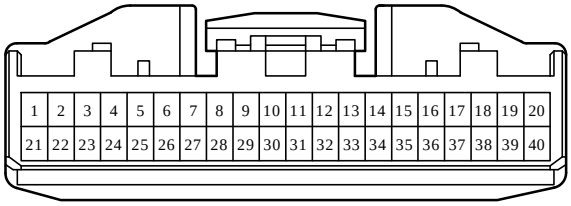


(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

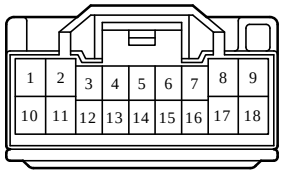
J 10
White



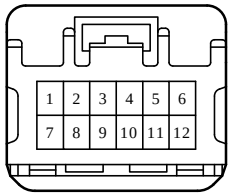
J 28
Black



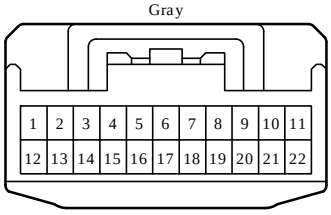
J 29
White



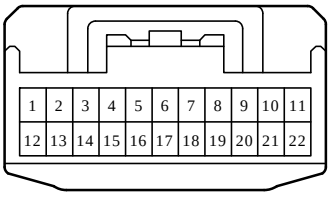
J 60
White



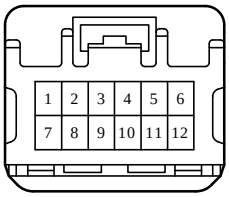
J 61
Gray



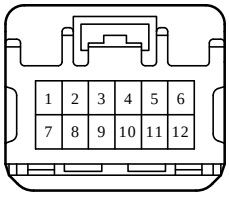
J 64
White



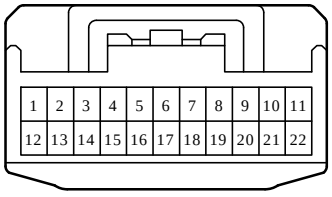
J 66
Black



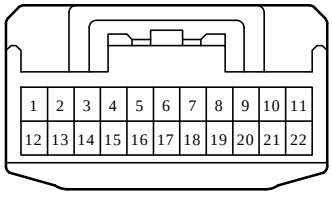
J 67
Blue



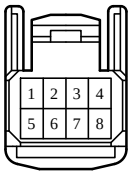
J 70
Blue



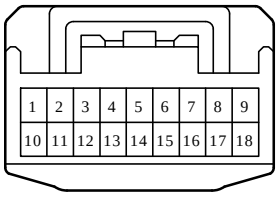
J 71
White



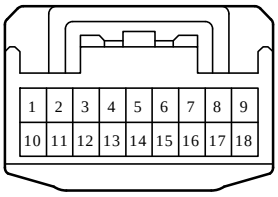
J127
Black



M 6
White



N 5
White



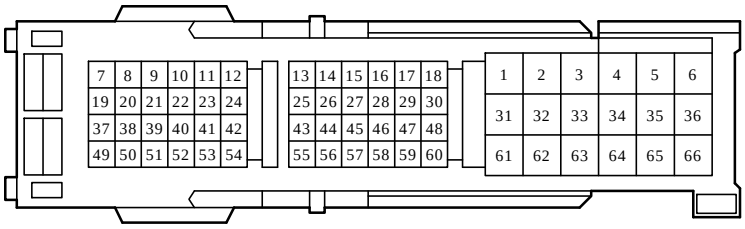
R 13
Gray



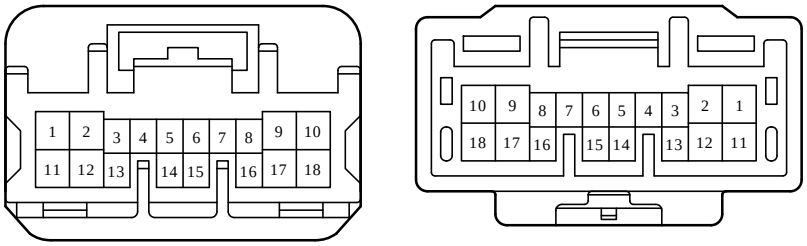
R 14
Gray



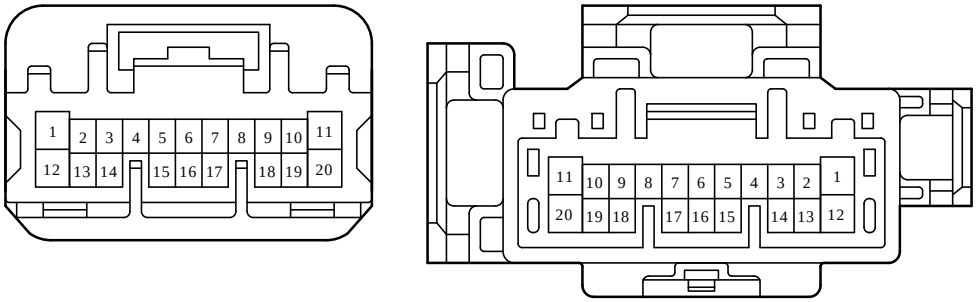
DD
White



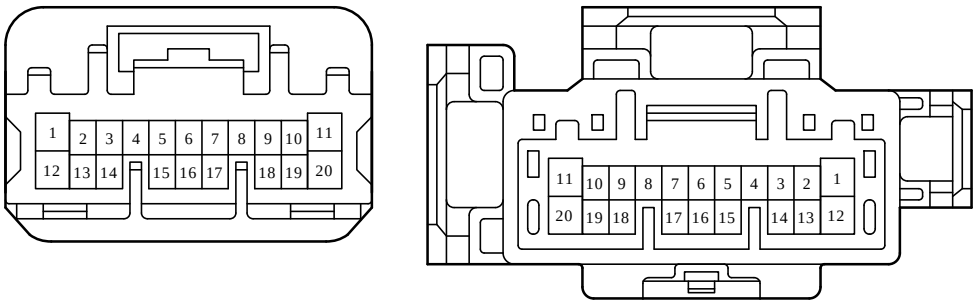
AJ2
Gray



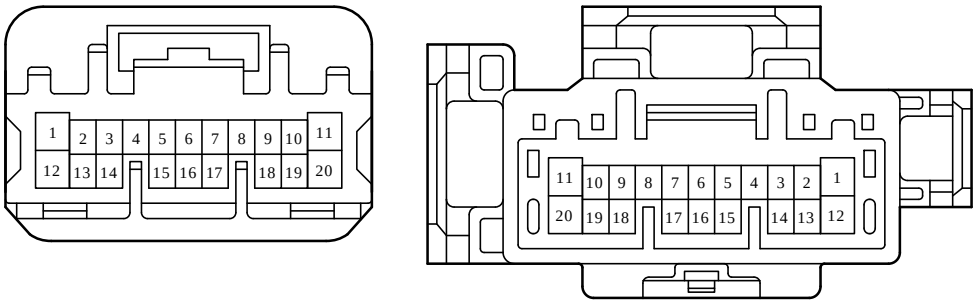
AJ3
White



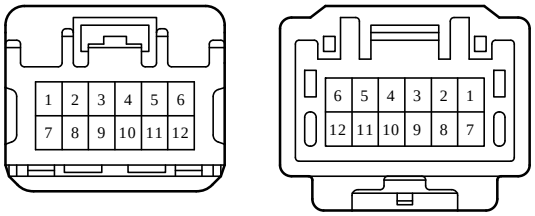
AJ4
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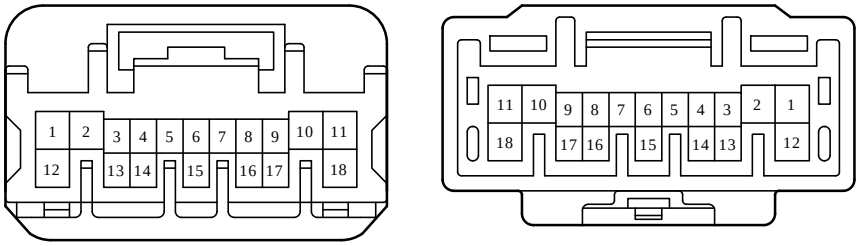
AJ9
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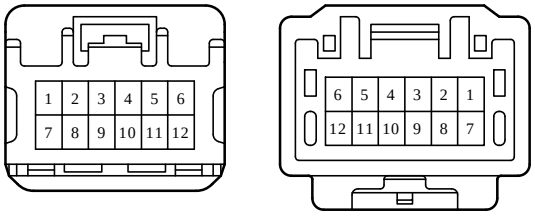
AJ11
Gray



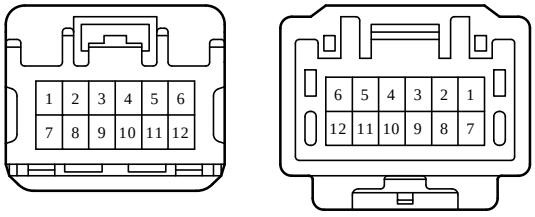
MJ2
Blue

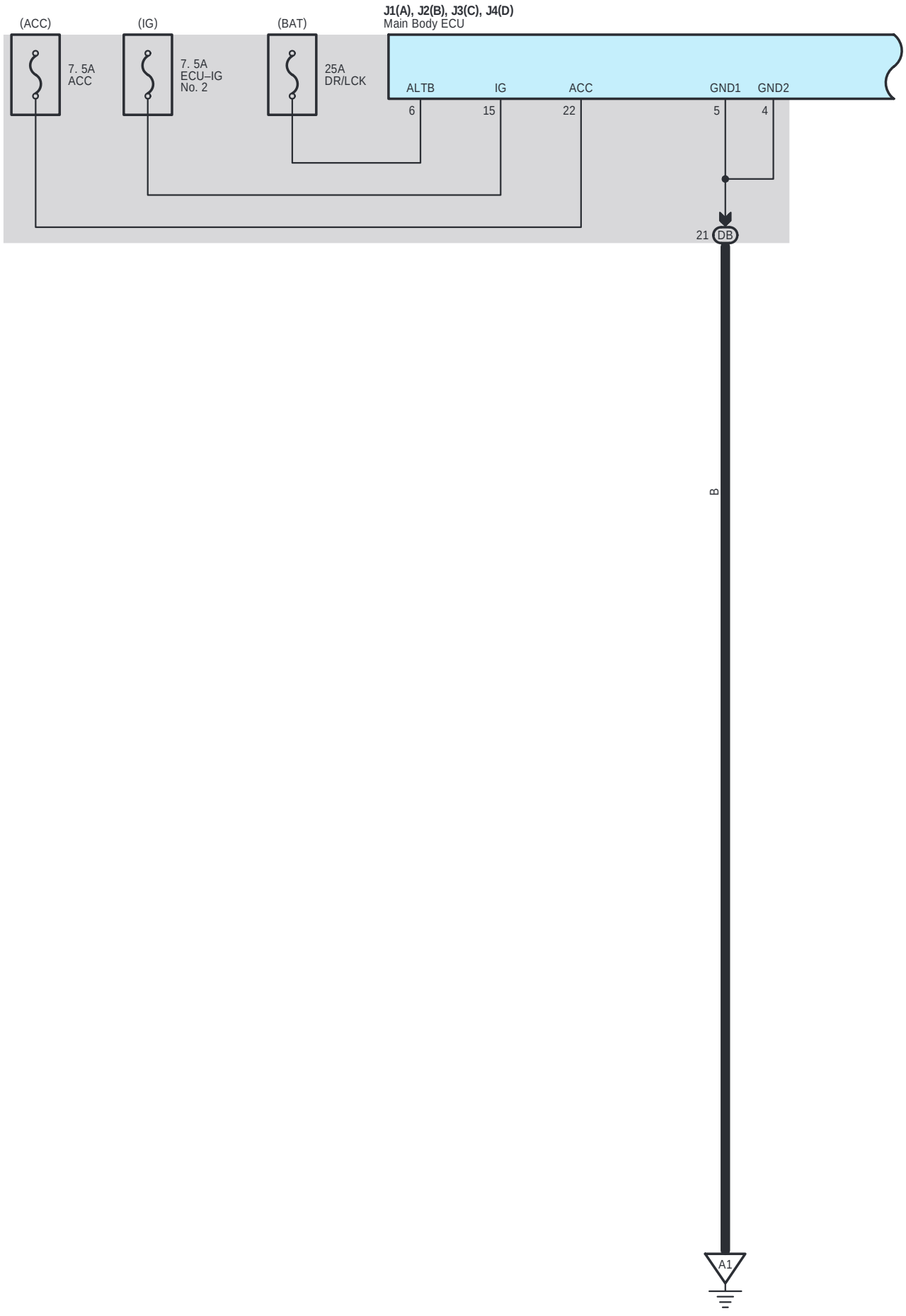


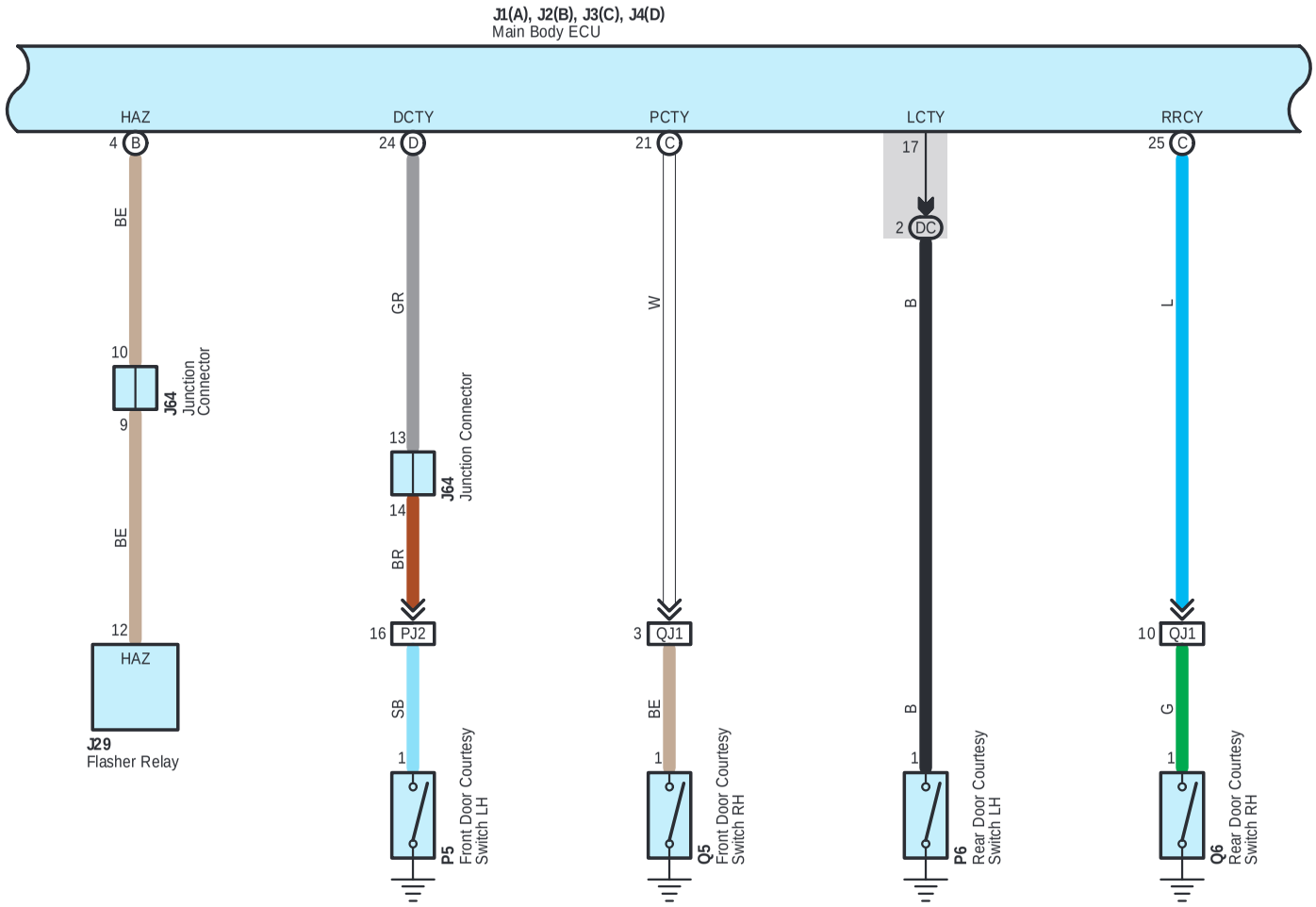
NJ1
Blue

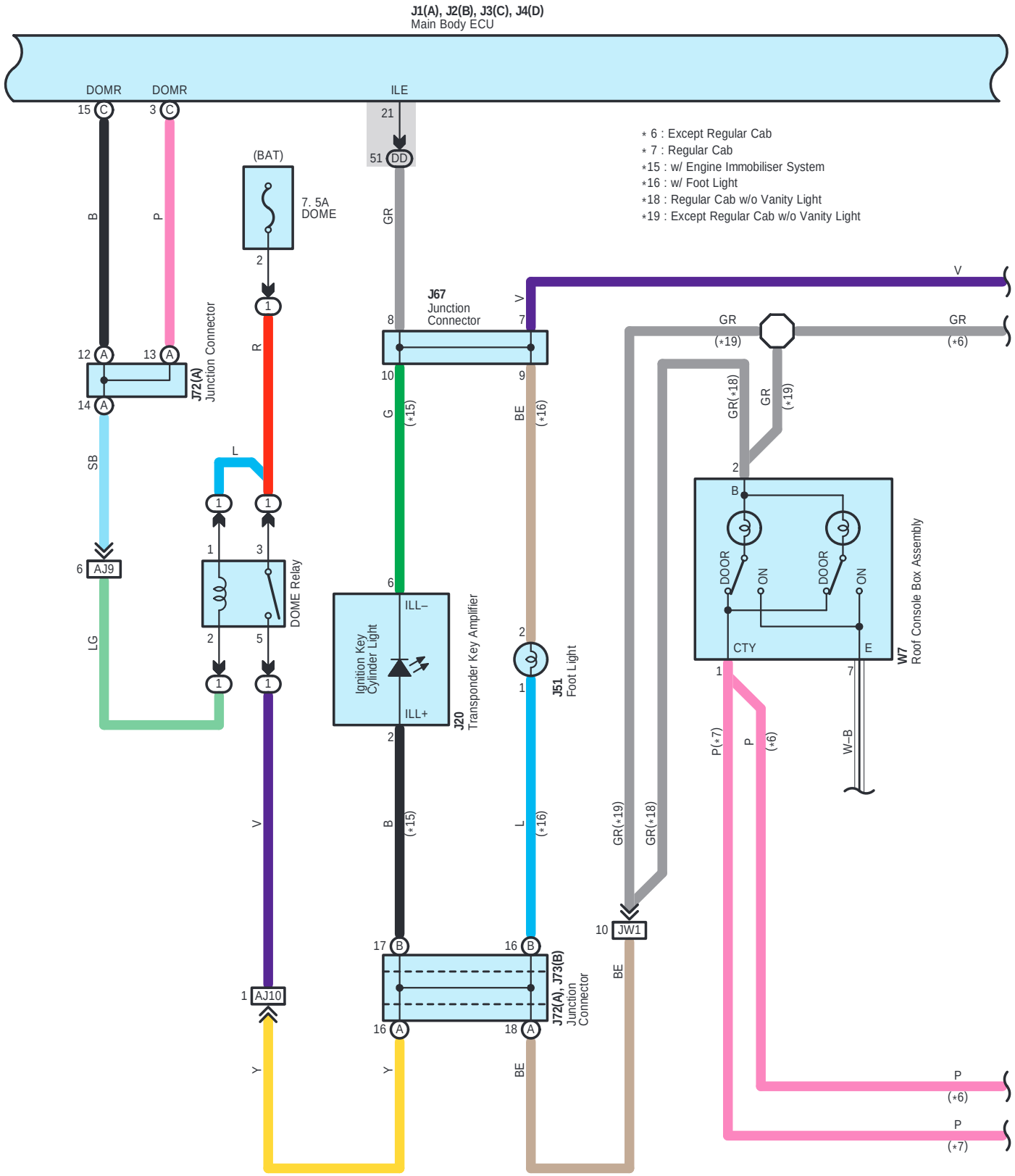


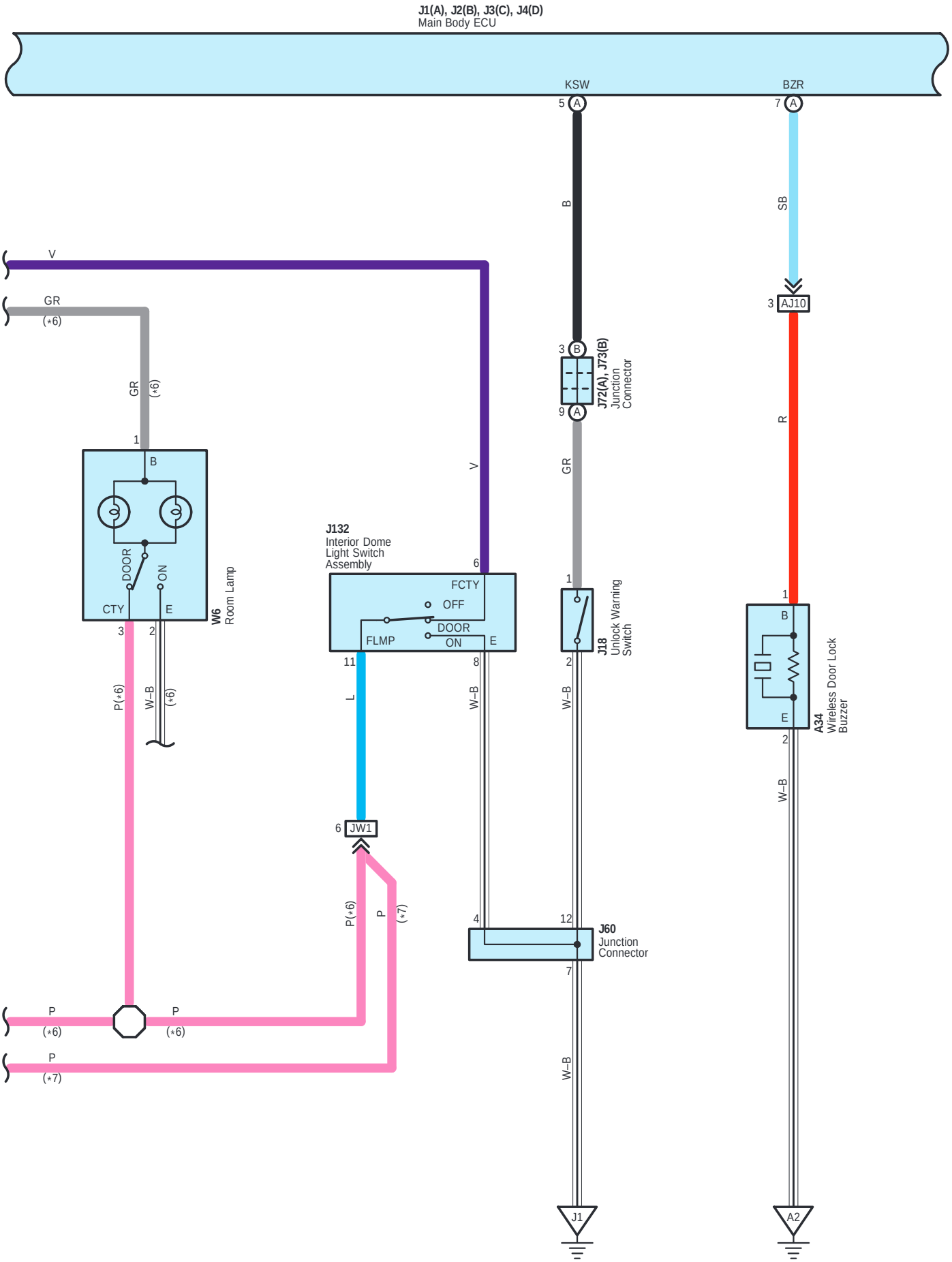
RA5
Gray

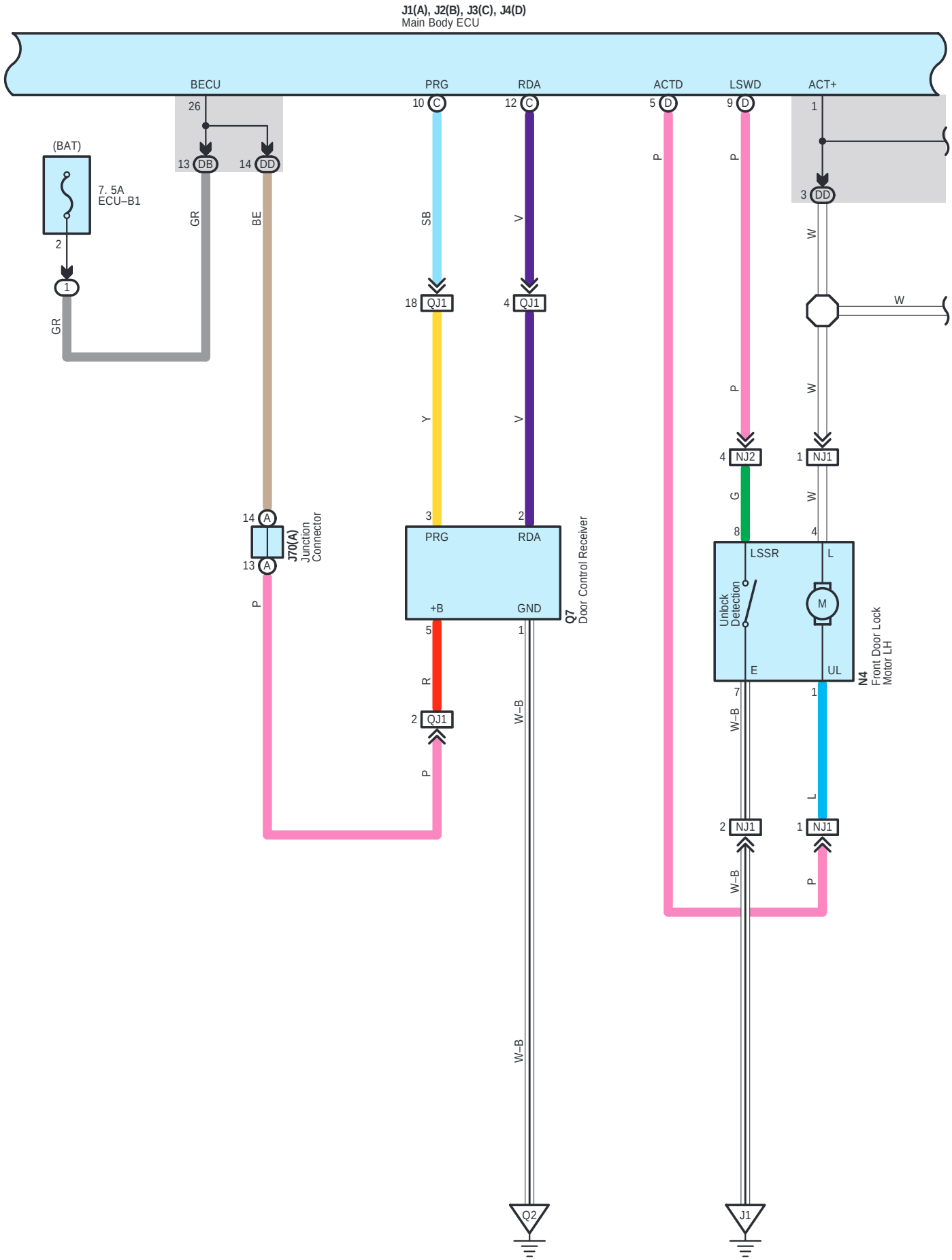


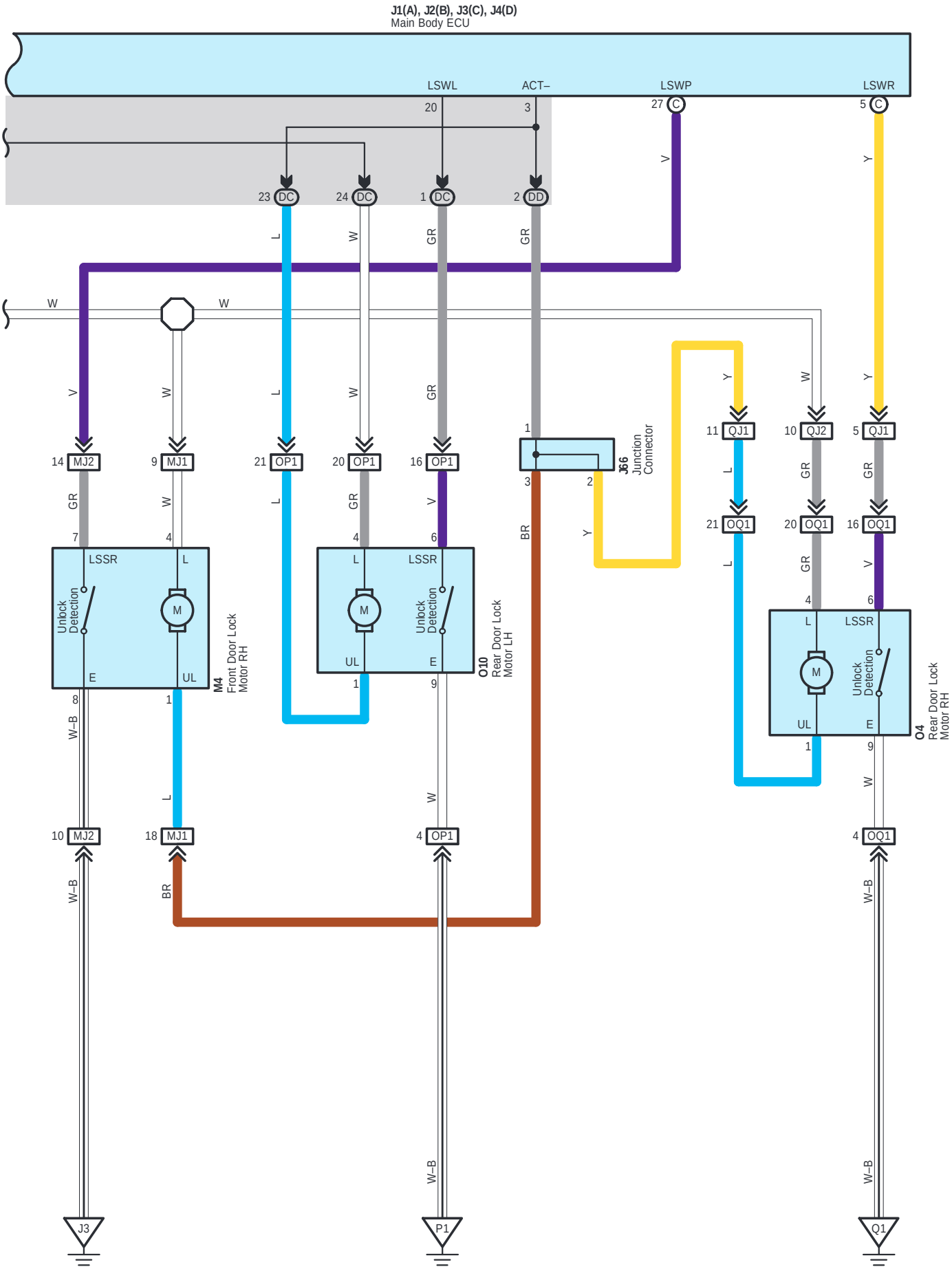

(ACC)
(IG)
(BAT)
J1(A), J2(B), J3(C), J4(D)
Main Body ECU
7. 5A
ACC
7. 5A
ECU–IG
No. 2
25A
DR/LCK
ALTB
IG
ACC
GND1
GND2
6
15
22
5
4
21
DB
B
A1


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
HAZ
DCTY
PCTY
LCTY
RRCY
4 B
24 D
21 C
17
25 C
2 DC
BE
GR
W
B
L
10
J64
Junction Connector
9
13
J64
Junction Connector
14
BR
BE
12
HAZ
J29
Flasher Relay
16 PJ2
3 QJ1
10 QJ1
SB
BE
B
G
1
P5
Front Door Courtesy Switch LH
Q5
Front Door Courtesy Switch RH
P6
Rear Door Courtesy Switch LH
Q6
Rear Door Courtesy Switch RH

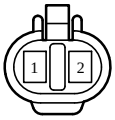

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
DOMR
DOMR
ILE
15 C
3 C
21
51 DD
(BAT)
7. 5A
DOME
2
1
B
P
GR
R
L
12 A
13 A
14 A
J72(A)
Junction Connector
SB
LG
6 AJ9
1
3
2
5
DOME Relay
J67
Junction
Connector
8
7
10
9
G
(*15)
BE
(*16)
V
6
ILL−
ILL+
Ignition Key
Cylinder Light
J20
Transponder Key Amplifier
2
1
J51
Foot Light
B
(*15)
L
(*16)
17 B
16 B
16 A
18 A
J72(A), J73(B)
Junction
Connector
BE
Y
1 AJ10
GR
(*19)
GR
(*6)
GR(*18)
GR
(*19)
10 JW1
GR(*19)
GR(*18)
2
B
DOOR
ON
DOOR
ON
CTY
E
W7
Roof Console Box Assembly
1
7
P(*7)
P
(*6)
W–B
P
(*6)
P
(*7)
* 6 : Except Regular Cab
* 7 : Regular Cab
*15 : w/ Engine Immobiliser System
*16 : w/ Foot Light
*18 : Regular Cab w/o Vanity Light
*19 : Except Regular Cab w/o Vanity Light


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
KSW
BZR
5 A
7 A
B
SB
3 AJ10
3 B
J72(A), J73(B)
Junction
Connector
9 A
R
GR
V
GR
(*6)
GR
(*6)
1
B
DOOR
ON
CTY
E
W6
Room Lamp
3
2
P(*6)
W–B
(*6)
V
J132
Interior Dome
Light Switch
Assembly
6
FCTY
OFF
DOOR
ON
FLMP
E
11
8
L
W–B
6 JW1
P(*6)
P
(*7)
1
J18
Unlock Warning
Switch
2
W–B
4
12
J60
Junction
Connector
7
W–B
J1
1
B
E
A34
Wireless Door Lock
Buzzer
2
W–B
A2
P
(*6)
P
(*6)
P
(*7)

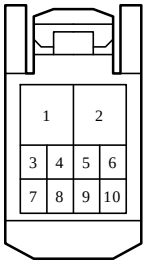

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
BECU
PRG
RDA
ACTD
LSWD
ACT+
(BAT)
7. 5A
ECU–B1
26
13 DB
14 DD
10 C
12 C
5 D
9 D
1
3 DD
GR
BE
SB
V
P
W
18 QJ1
4 QJ1
Y
4 NJ2
1 NJ1
G
8
4
14 A
13 A
J70(A)
Junction
Connector
3
2
PRG
RDA
+B
GND
Q7
Door Control Receiver
LSSR
L
Unlock
Detection
M
E
UL
N4
Front Door Lock
Motor LH
5
1
R
7
2 QJ1
2 NJ1
1 NJ1
W–B
L
Q2
J1


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
LSWL
ACT–
LSWP
LSWR
20
3
27 C
5 C
23 DC
24 DC
1 DC
2 DD
V
Y
L
W
GR
W
W
V
W
L
W
GR
1
11 QJ1
10 QJ2
5 QJ1
Y
W
Y
14 MJ2
9 MJ1
21 OP1
20 OP1
16 OP1
J66
Junction Connector
3
2
BR
Y
GR
W
L
GR
V
21 OQ1
20 OQ1
16 OQ1
7
4
4
6
4
6
LSSR
L
LSSR
L
LSSR
Unlock Detection
M
M
Unlock Detection
M
Unlock Detection
E
UL
UL
E
UL
E
M4
Front Door Lock Motor RH
O10
Rear Door Lock Motor LH
O4
Rear Door Lock Motor RH
8
1
1
9
1
9
W–B
L
W
W–B
10 MJ2
18 MJ1
4 OP1
4 OQ1
W–B
BR
W–B
W–B
J3
P1
Q1

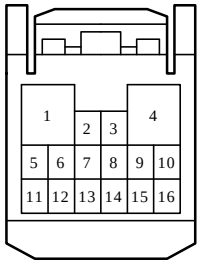
A 34
Black



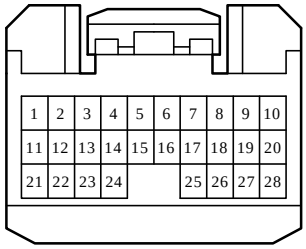
J 1
White



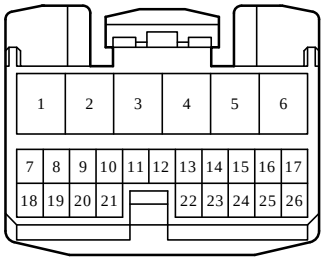
J 2
White



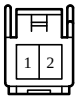
J 3
White



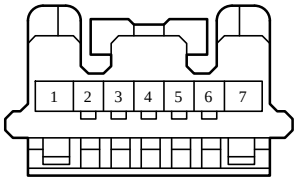
J 4
White



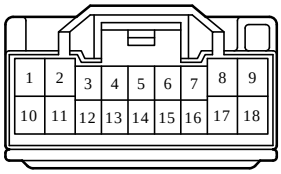
J 18
White



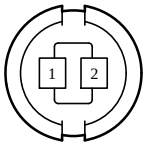
J 20
Black



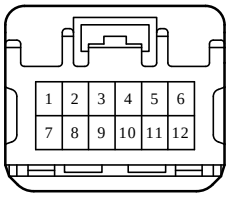
J 29
White



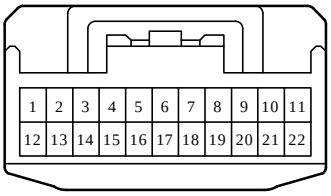
J 51
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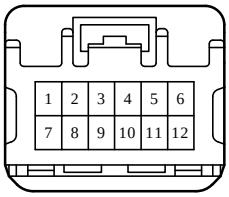
J 60
White



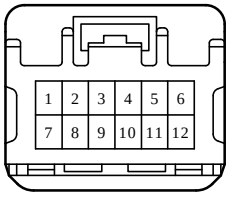
J 64
White



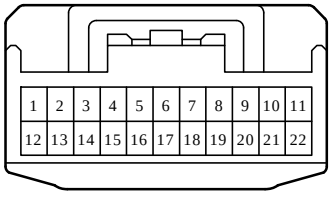
J 66
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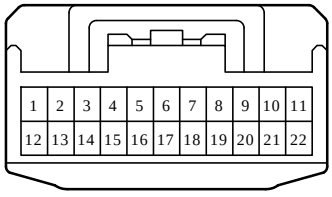
J 67
Blue



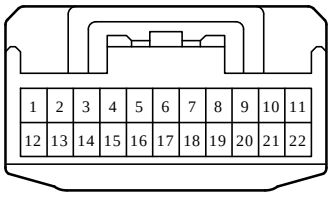
J 70
Blue



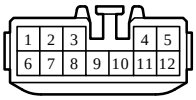
J 72
Black



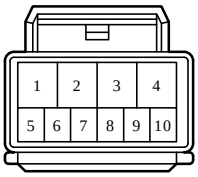
J 73
Black



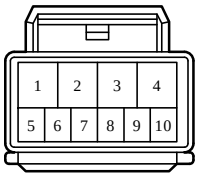
J132
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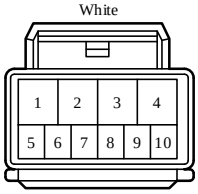
M 4
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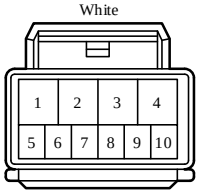
N 4
White



O 4
White



O 10
White



P 5
White



P 6
White



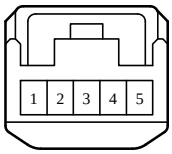
Q 5
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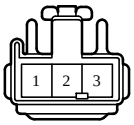
Q 6
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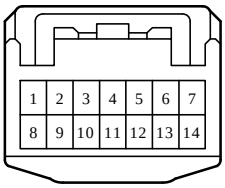
Q 7
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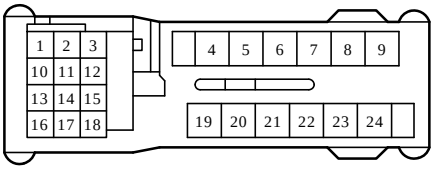
W 6
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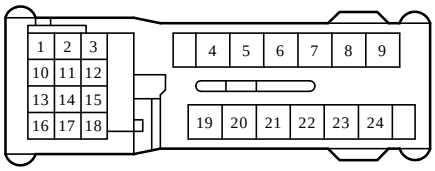
W 7
White



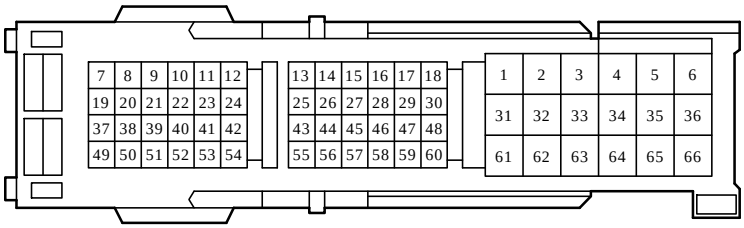
DB
White



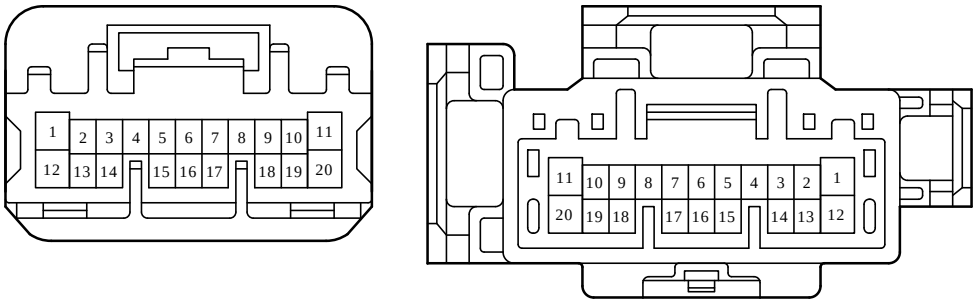
DC
White



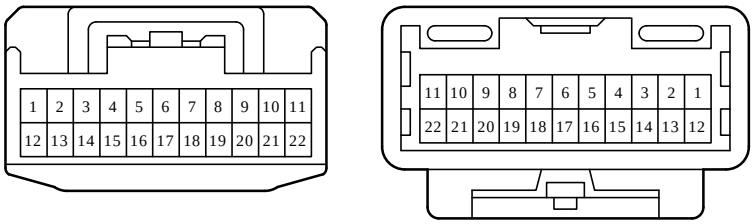
DD
White



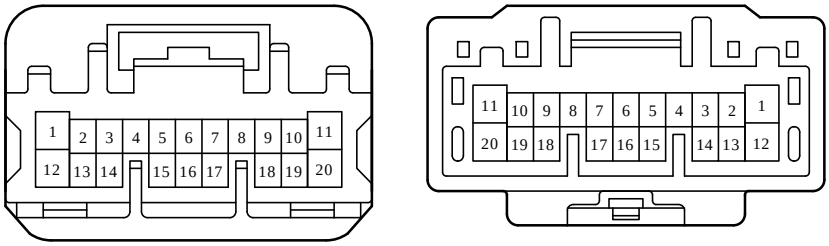
AJ9
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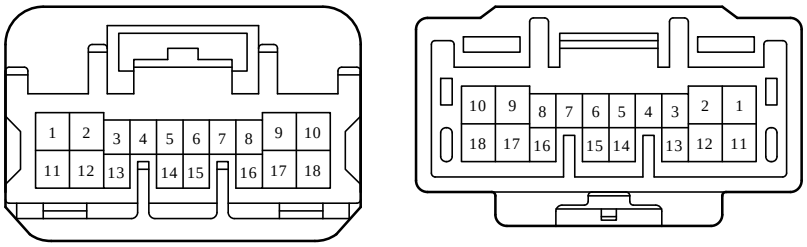
AJ10
Gray



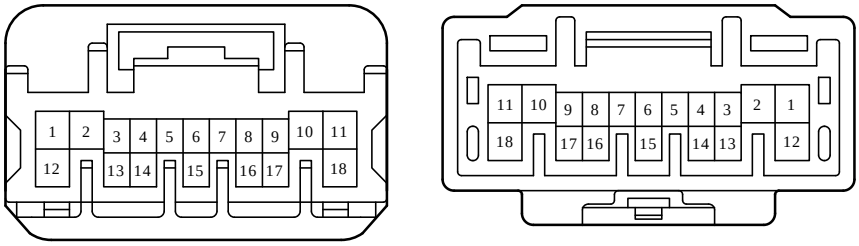
JW1
White



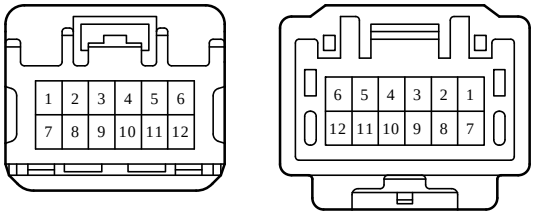
MJ1
Blue



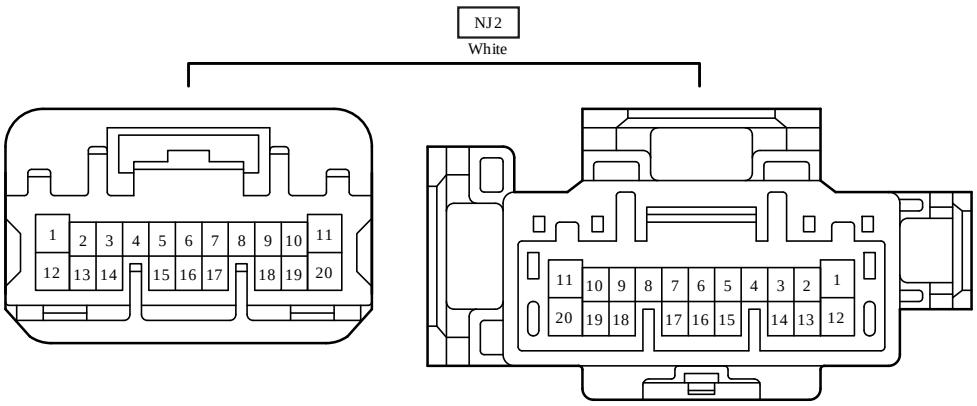
MJ2
Blue



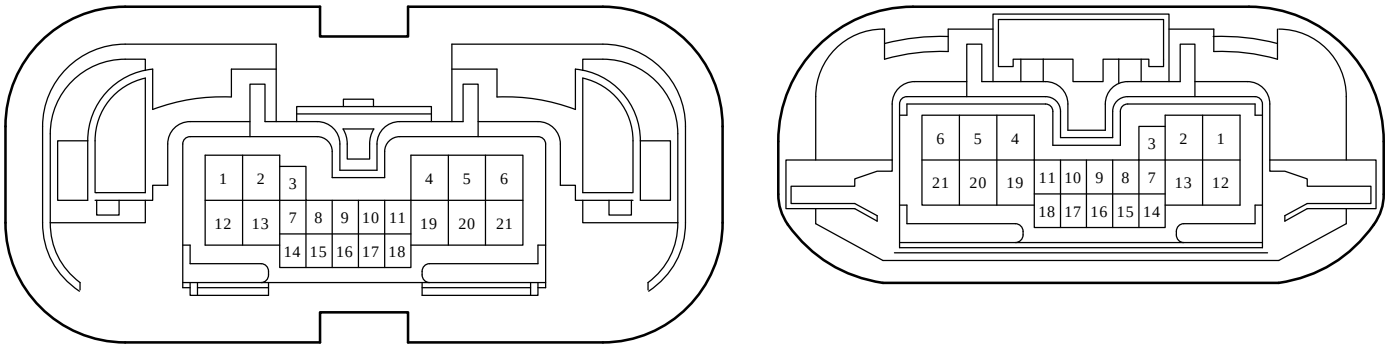
NJ1
Blue



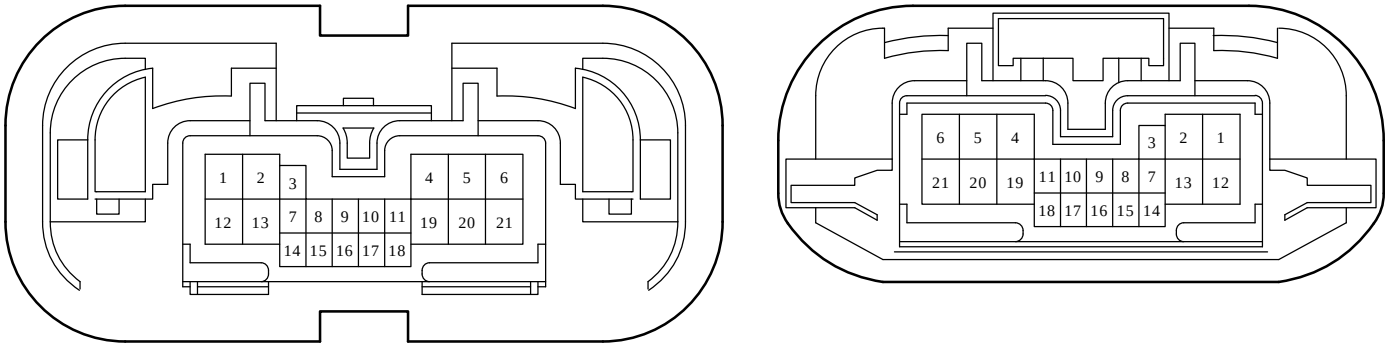
NJ2
White



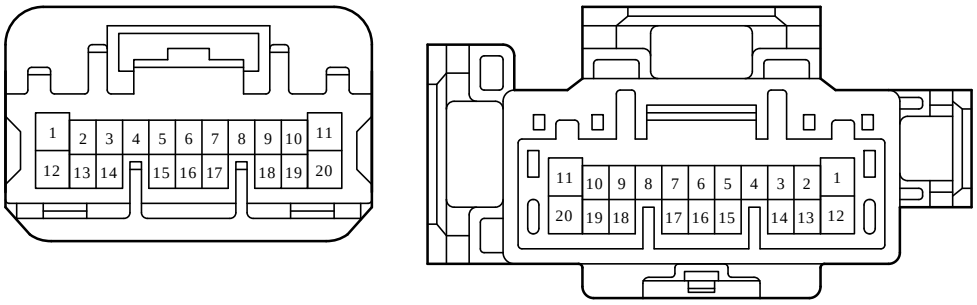
OP1
White



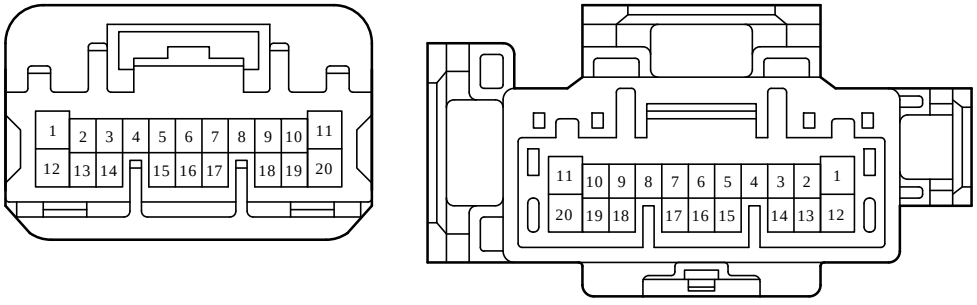
OQ1
White

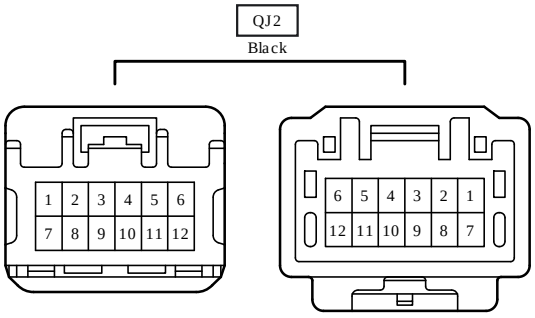


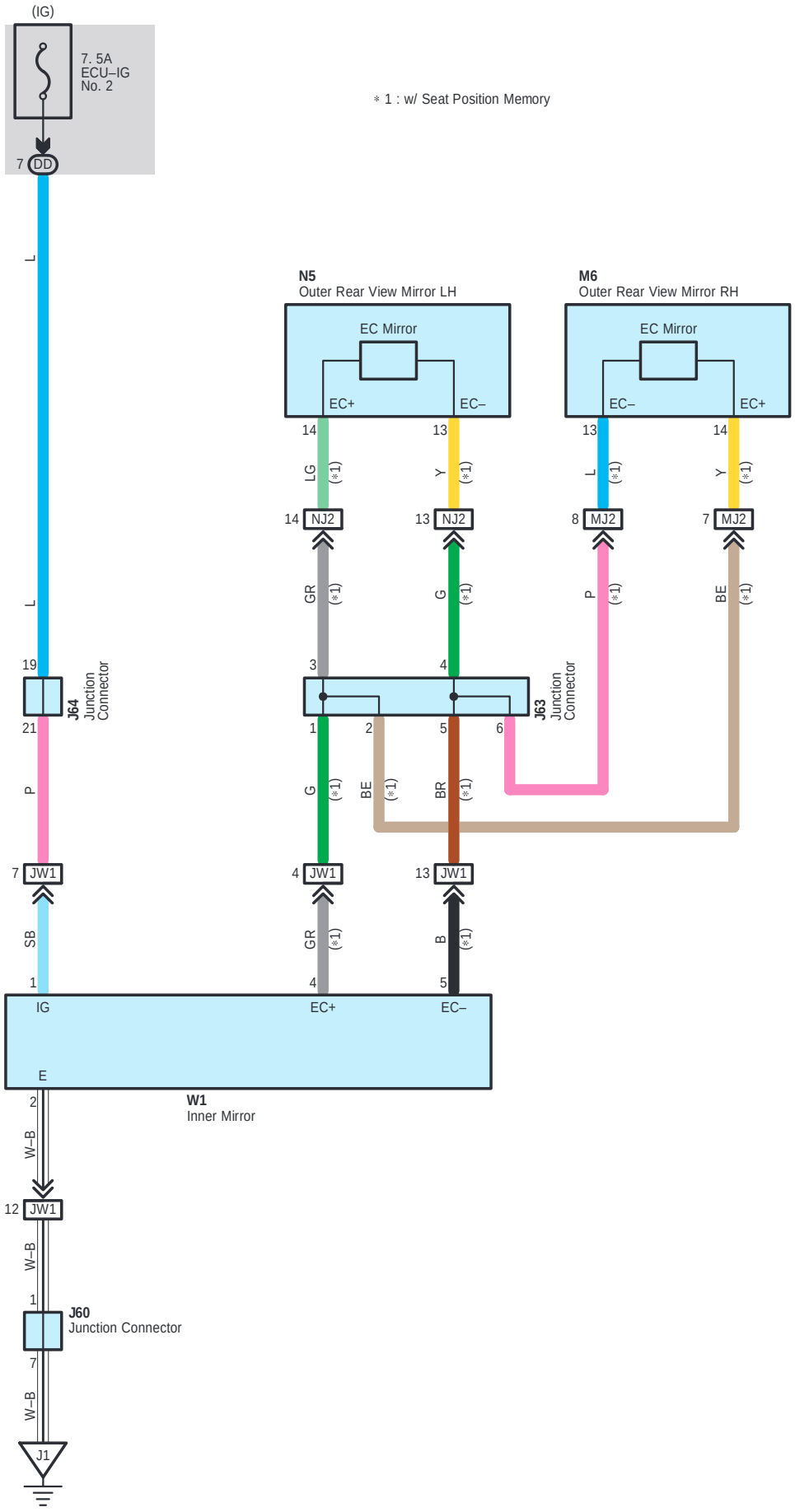
PJ2
White



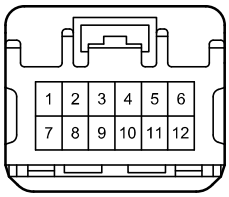
QJ1
White



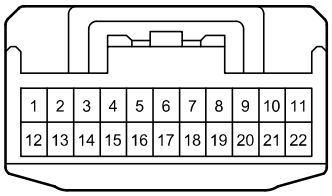

QJ2
Black
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


(IG)
7. 5A
ECU–IG
No. 2
7 DD
∗ 1 : w/ Seat Position Memory
N5
Outer Rear View Mirror LH
M6
Outer Rear View Mirror RH
EC Mirror
EC+
EC–
L
LG
Y
GR
G
P
BE
BR
B
SB
W–B
19
21
J64
Junction Connector
3
4
1
2
5
6
J63
Junction Connector
7 JW1
4 JW1
13 JW1
12 JW1
14 NJ2
13 NJ2
8 MJ2
7 MJ2
IG
EC+
EC–
E
W1
Inner Mirror
J60
Junction Connector
J1
(∗1)

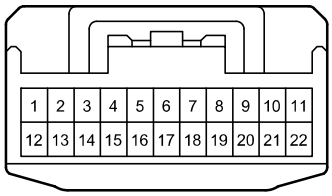
J 60
White



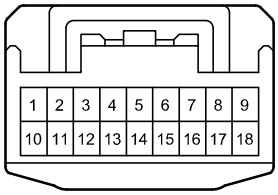
J 63
White



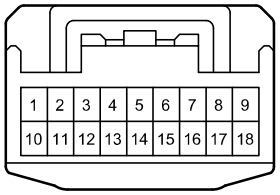
J 64
White



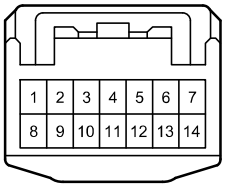
M 6
White



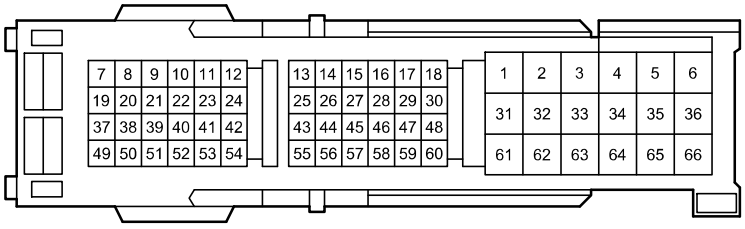
N 5
White



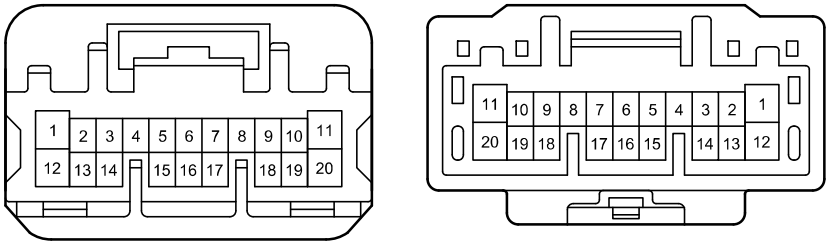
W 1
Black



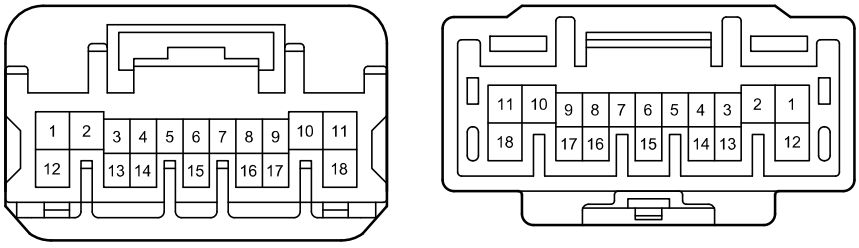
DD
White

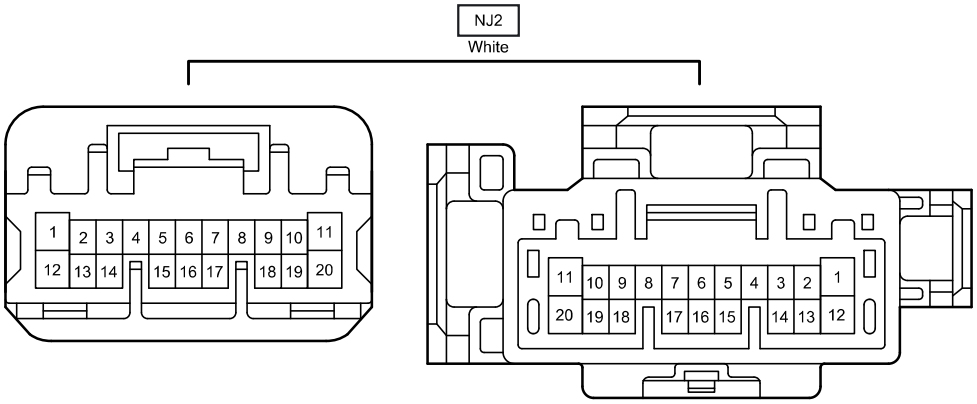


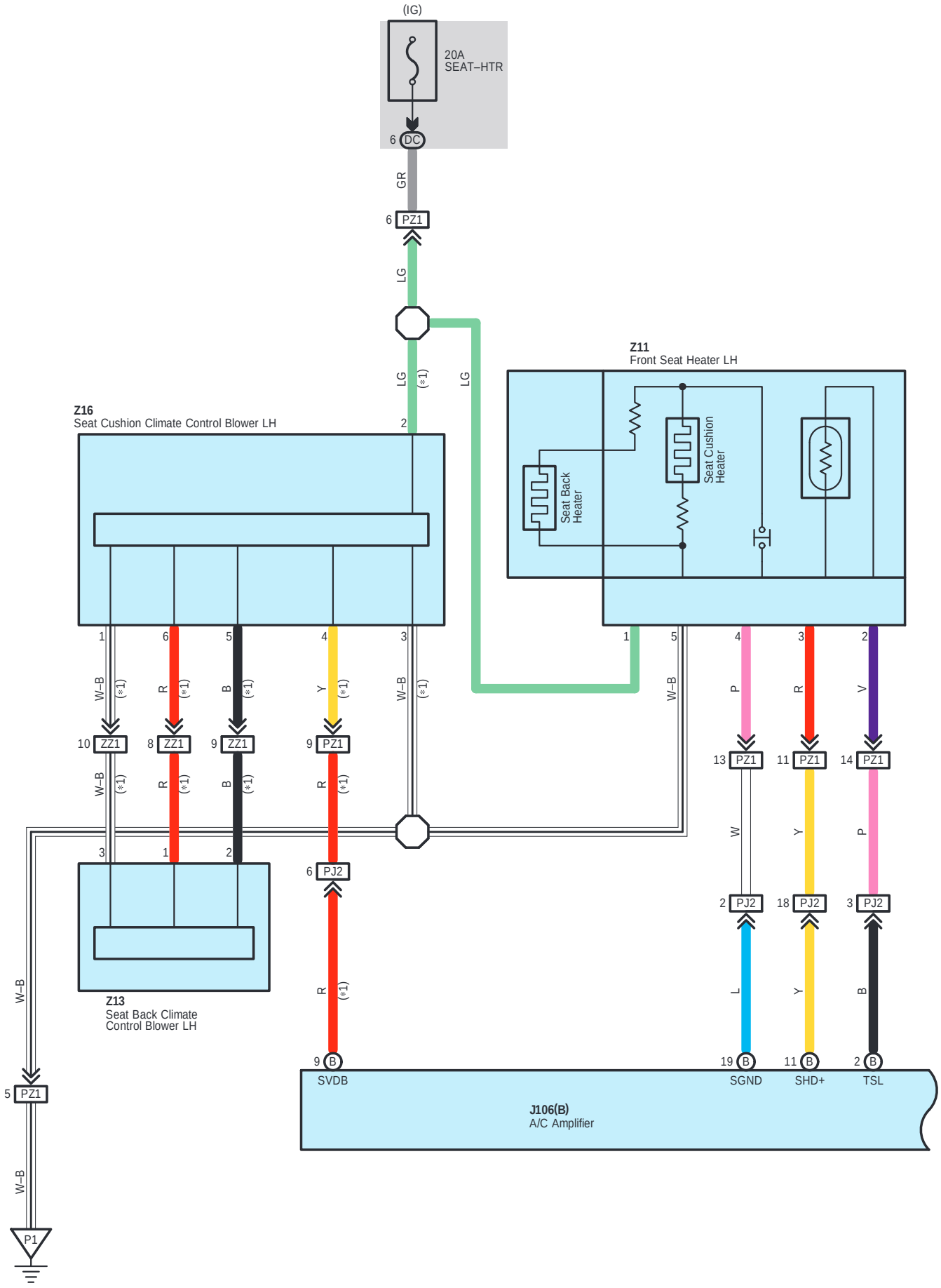
JW1
White

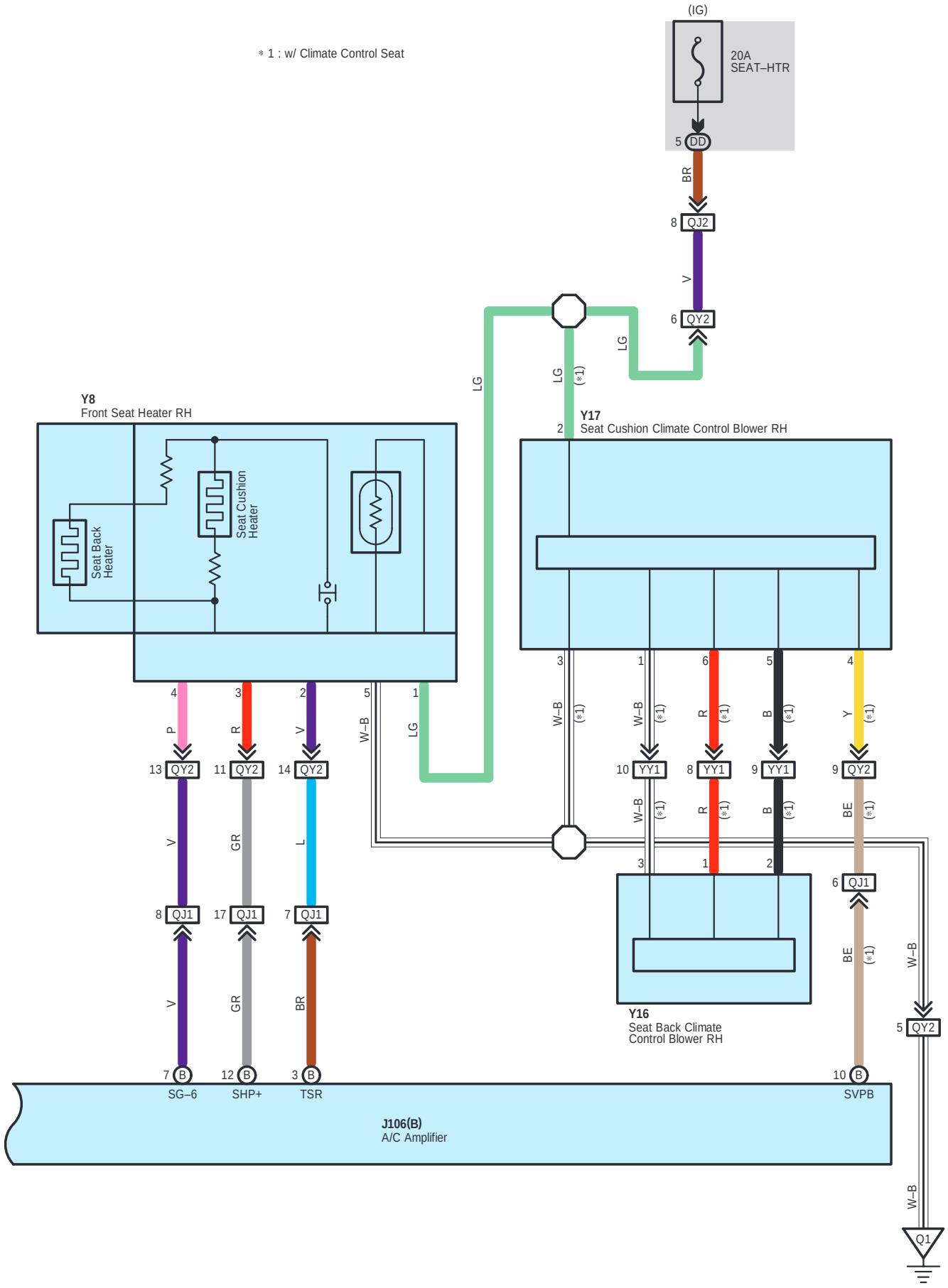


MJ2
Blue

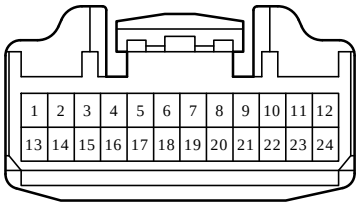



NJ2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

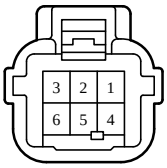

(IG)
20A
SEAT–HTR
6 DC
GR
6 PZ1
LG
LG (*1)
LG
2
Z16
Seat Cushion Climate Control Blower LH
Z11
Front Seat Heater LH
Seat Back Heater
Seat Cushion Heater
1 W–B (*1) 10 ZZ1
6 R (*1) 8 ZZ1
5 B (*1) 9 ZZ1
4 Y (*1) 9 PZ1
3 W–B (*1)
1 W–B
5 W–B
4 P 13 PZ1
3 R 11 PZ1
2 V 14 PZ1
W–B (*1) 10 ZZ1
R (*1) 8 ZZ1
B (*1) 9 ZZ1
R (*1) 9 PZ1
3
1
2
6 PJ2
R (*1)
9 B
SVDB
W 2 PJ2
Y 18 PJ2
P 3 PJ2
L 19 B
SGND
Y 11 B
SHD+
B 2 B
TSL
J106(B)
A/C Amplifier
Z13
Seat Back Climate Control Blower LH
W–B
5 PZ1
W–B
P1


(IG)
20A
SEAT–HTR
5 DD
BR
8 QJ2
V
6 QY2
LG
LG
(*1)
LG
* 1 : w/ Climate Control Seat
Y8
Front Seat Heater RH
Seat Back Heater
Seat Cushion Heater
Y17
2
Seat Cushion Climate Control Blower RH
3 W–B (*1)
1 W–B (*1)
6 R (*1)
5 B (*1)
4 Y (*1)
10 YY1
8 YY1
9 YY1
9 QY2
W–B (*1)
R (*1)
B (*1)
BE (*1)
3
1
2
6 QJ1
BE (*1)
W–B
5 QY2
Y16
Seat Back Climate Control Blower RH
4 P
3 R
2 V
5 W–B
1 LG
13 QY2
11 QY2
14 QY2
V
GR
L
8 QJ1
17 QJ1
7 QJ1
V
GR
BR
7 B
12 B
3 B
SG–6
SHP+
TSR
10 B
SVPB
J106(B)
A/C Amplifier
W–B
Q1

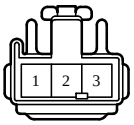
J106
White



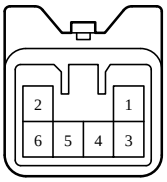
Y 8
White



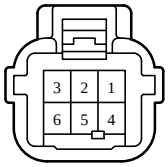
Y 16
White



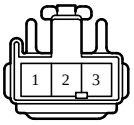
Y 17
White



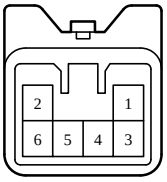
Z 11
White



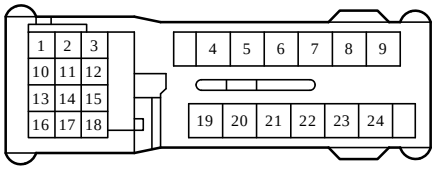
Z 13
White



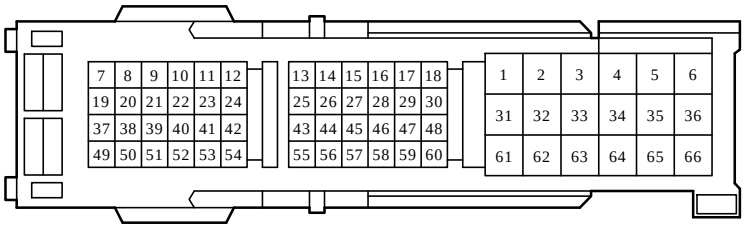
Z 16
White



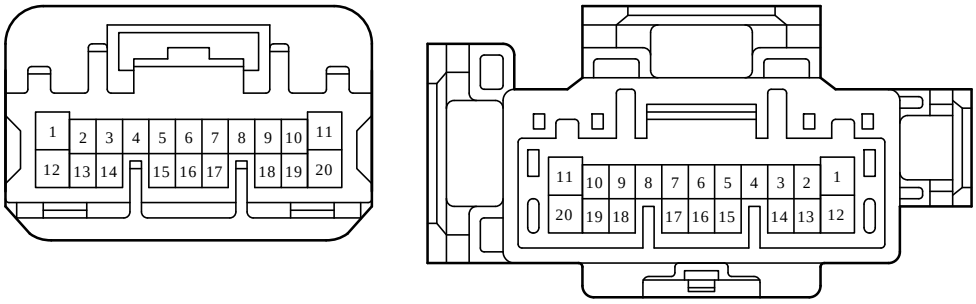
DC
White



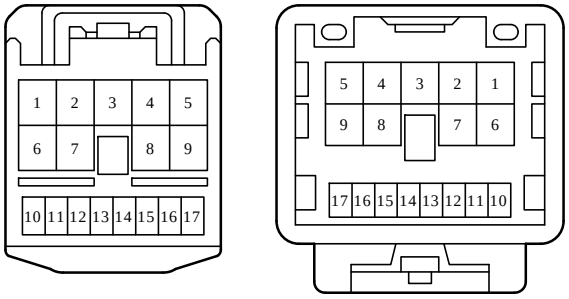
DD
White



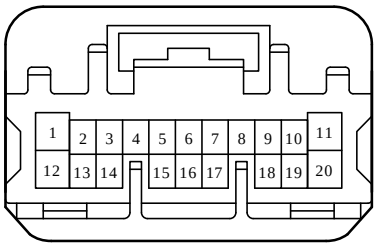
PJ2
White

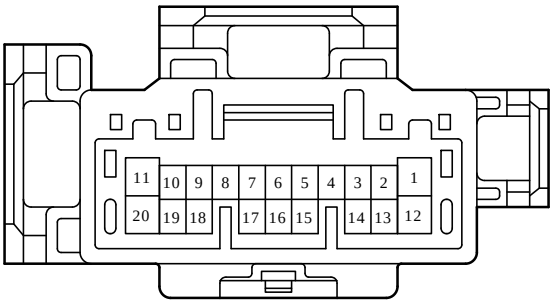


PZ1
White

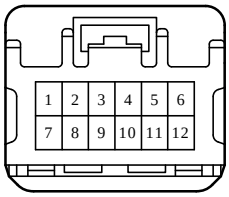


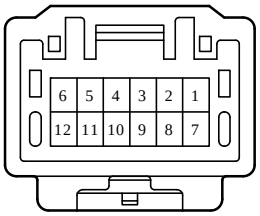
QJ1
White



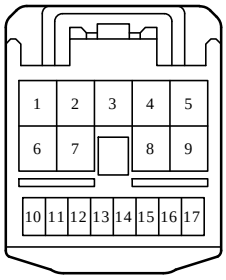


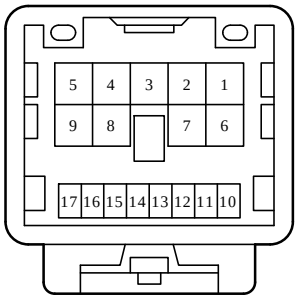
QJ2
Black



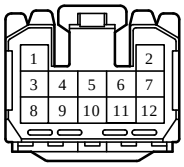


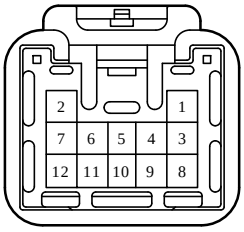
QY2
White



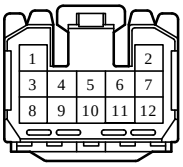


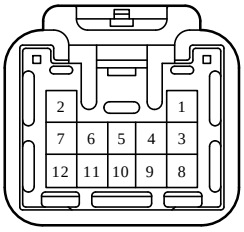
YY1
White

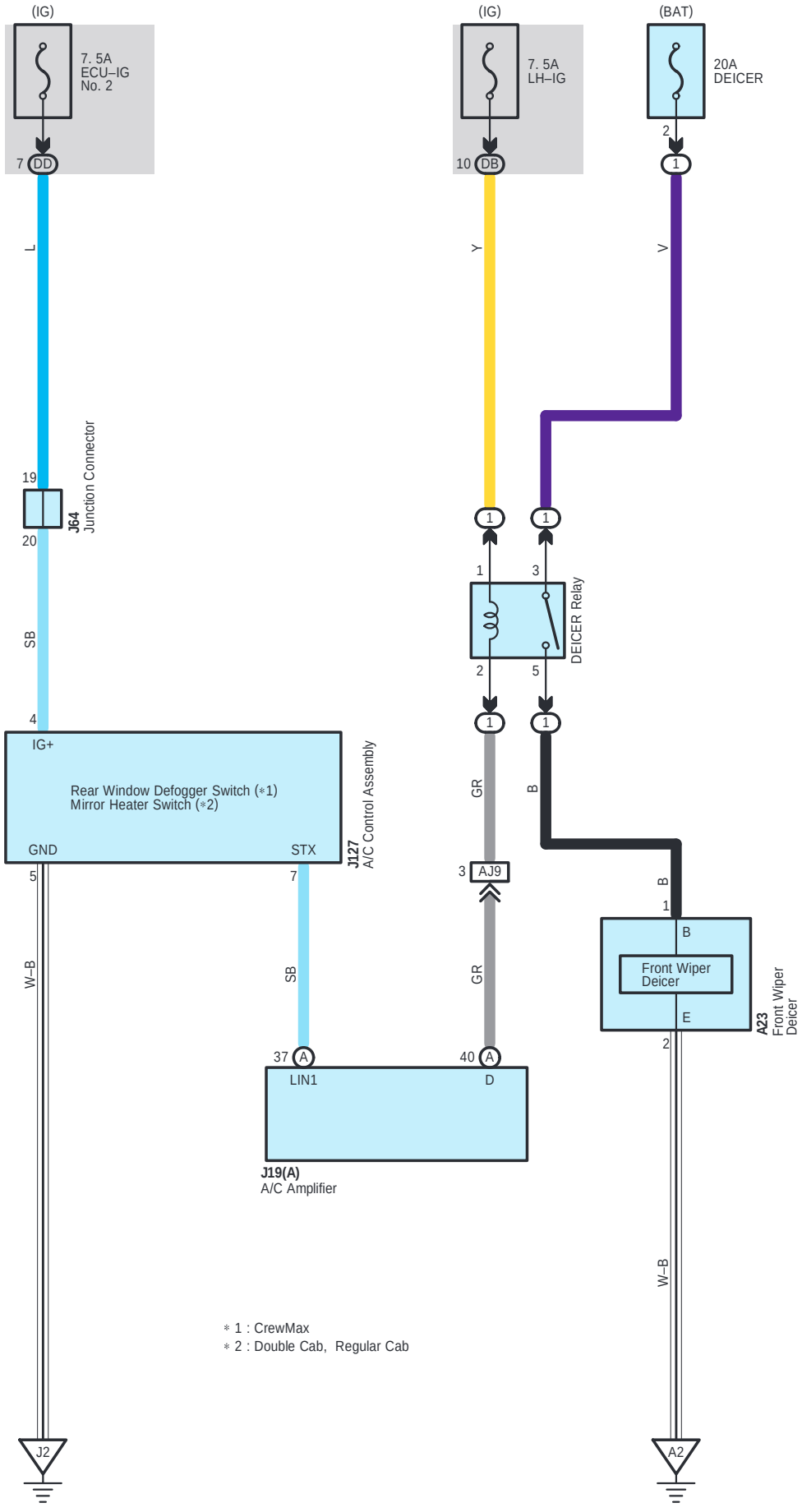




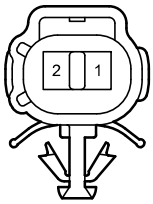
ZZ1
White



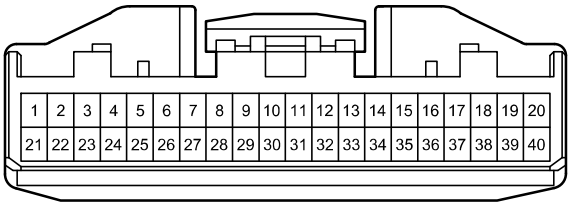



(IG)
7. 5A
ECU–IG
No. 2
7 DD
L
19
J64
Junction Connector
20
SB
4
IG+
Rear Window Defogger Switch (*1)
Mirror Heater Switch (*2)
GND
STX
J127
A/C Control Assembly
5
7
W–B
SB
37 A
LIN1
J19(A)
A/C Amplifier
(IG)
7. 5A
LH–IG
10 DB
Y
1
1
3
DEICER Relay
2
5
1
1
GR
B
3 AJ9
GR
(BAT)
20A
DEICER
2
1
V
B
1
B
Front Wiper
Deicer
E
A23
Front Wiper
Deicer
2
40 A
D
W–B
J2
A2
* 1 : CrewMax
* 2 : Double Cab, Regular Cab

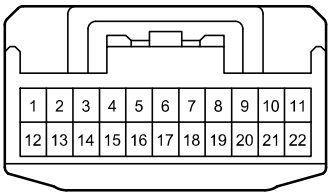
A 23
Black



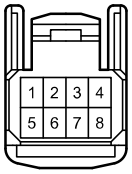
J 19
White



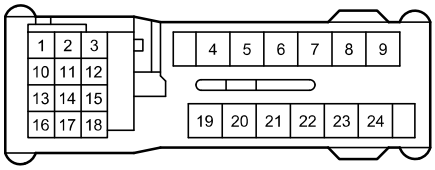
J 64
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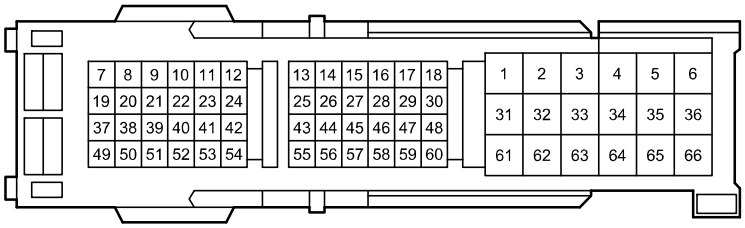
J127
Black



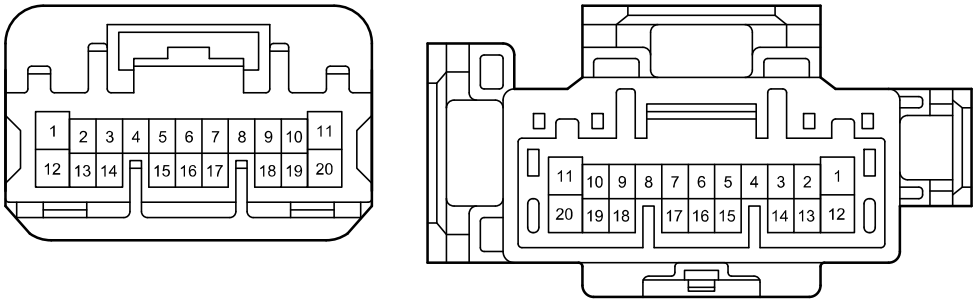
DB
White

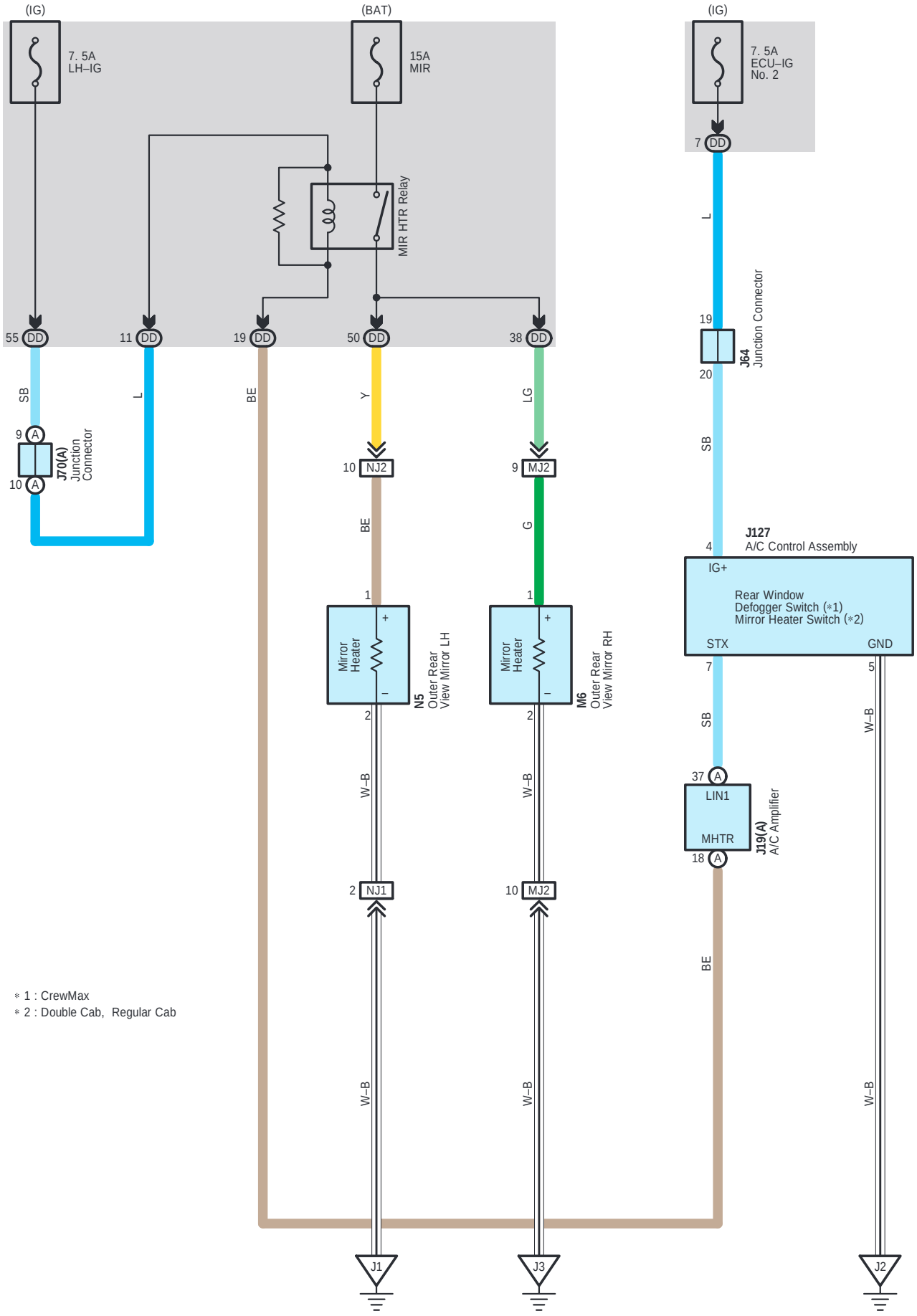


DD
White

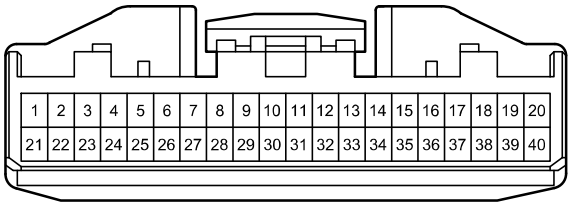


AJ9
White

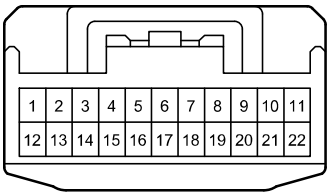



(IG)
7. 5A
LH–IG
(BAT)
15A
MIR
MIR HTR Relay
55 DD
11 DD
19 DD
50 DD
38 DD
SB
L
BE
Y
LG
9 A
10 A
J70(A)
Junction
Connector
10 NJ2
9 MJ2
BE
G
1
Mirror
Heater
+
–
2
N5
Outer Rear
View Mirror LH
M6
Outer Rear
View Mirror RH
W–B
2 NJ1
10 MJ2
J1
J3
(IG)
7. 5A
ECU–IG
No. 2
7 DD
L
19
J64
Junction Connector
20
SB
4
J127
A/C Control Assembly
IG+
Rear Window
Defogger Switch (*1)
Mirror Heater Switch (*2)
STX
GND
7
5
SB
W–B
37 A
LIN1
MHTR
18 A
J19(A)
A/C Amplifier
BE
W–B
J2
* 1 : CrewMax
* 2 : Double Cab, Regular Cab

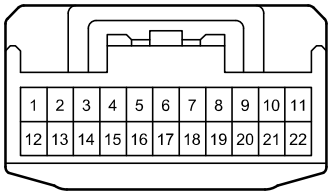
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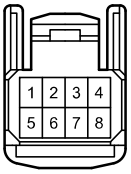
J 64
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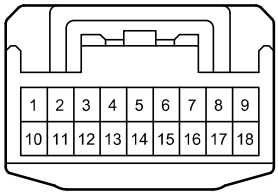
J 70
Blue



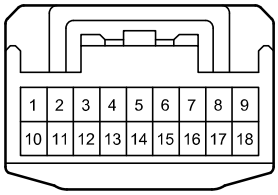
J127
Black



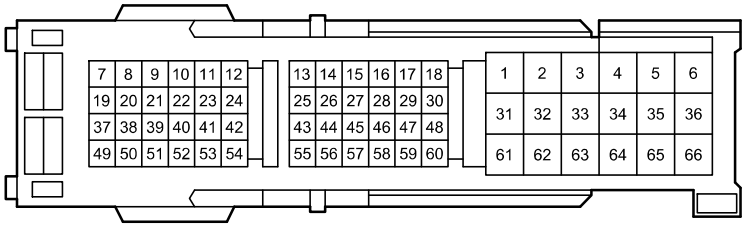
M 6
White



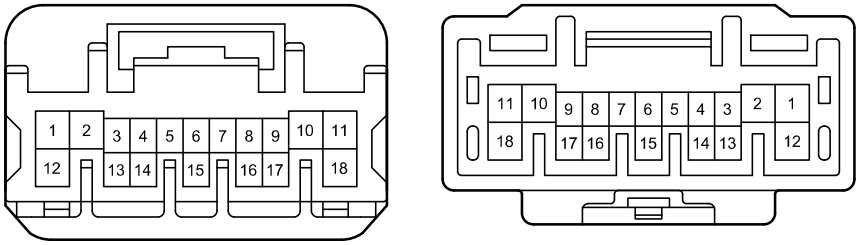
N 5
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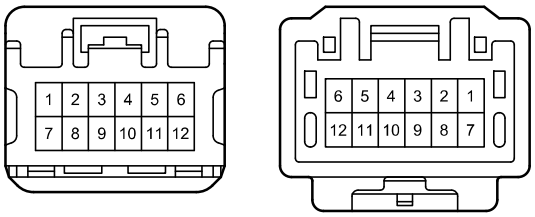
DD
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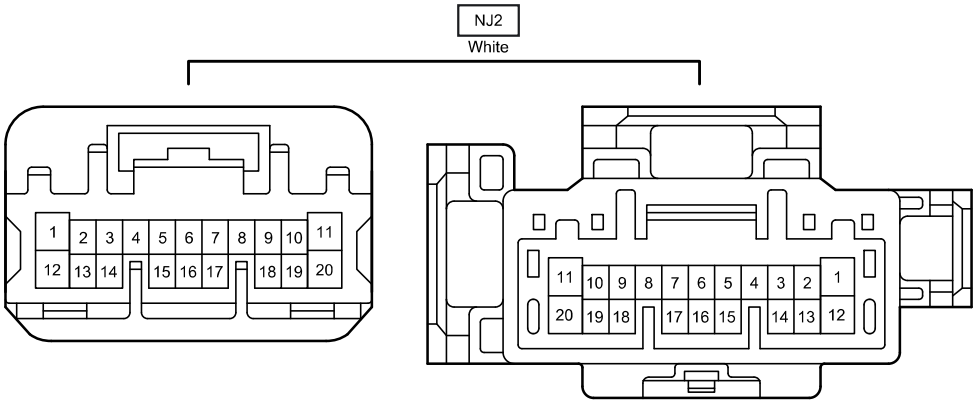


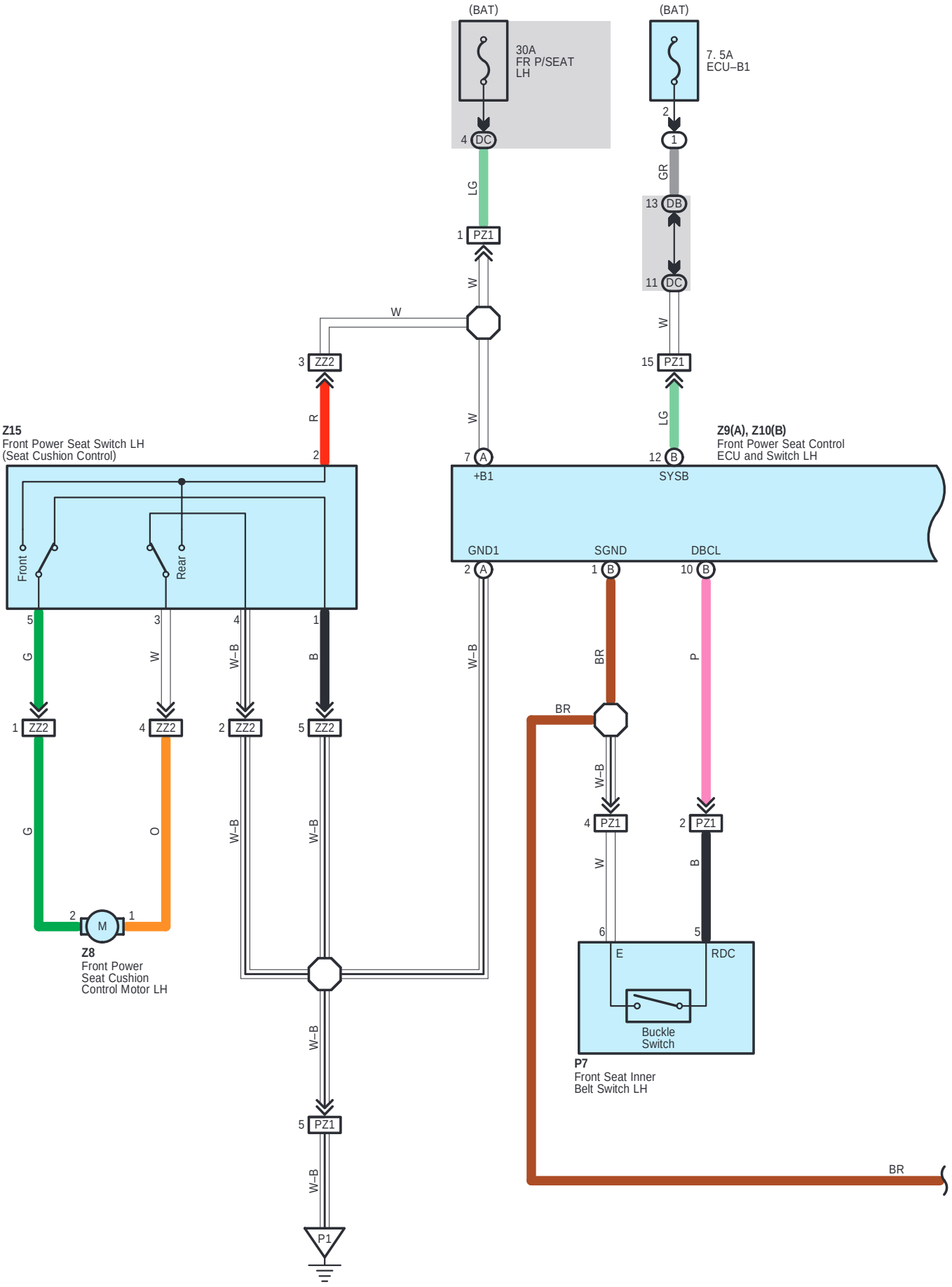
MJ2
Blue

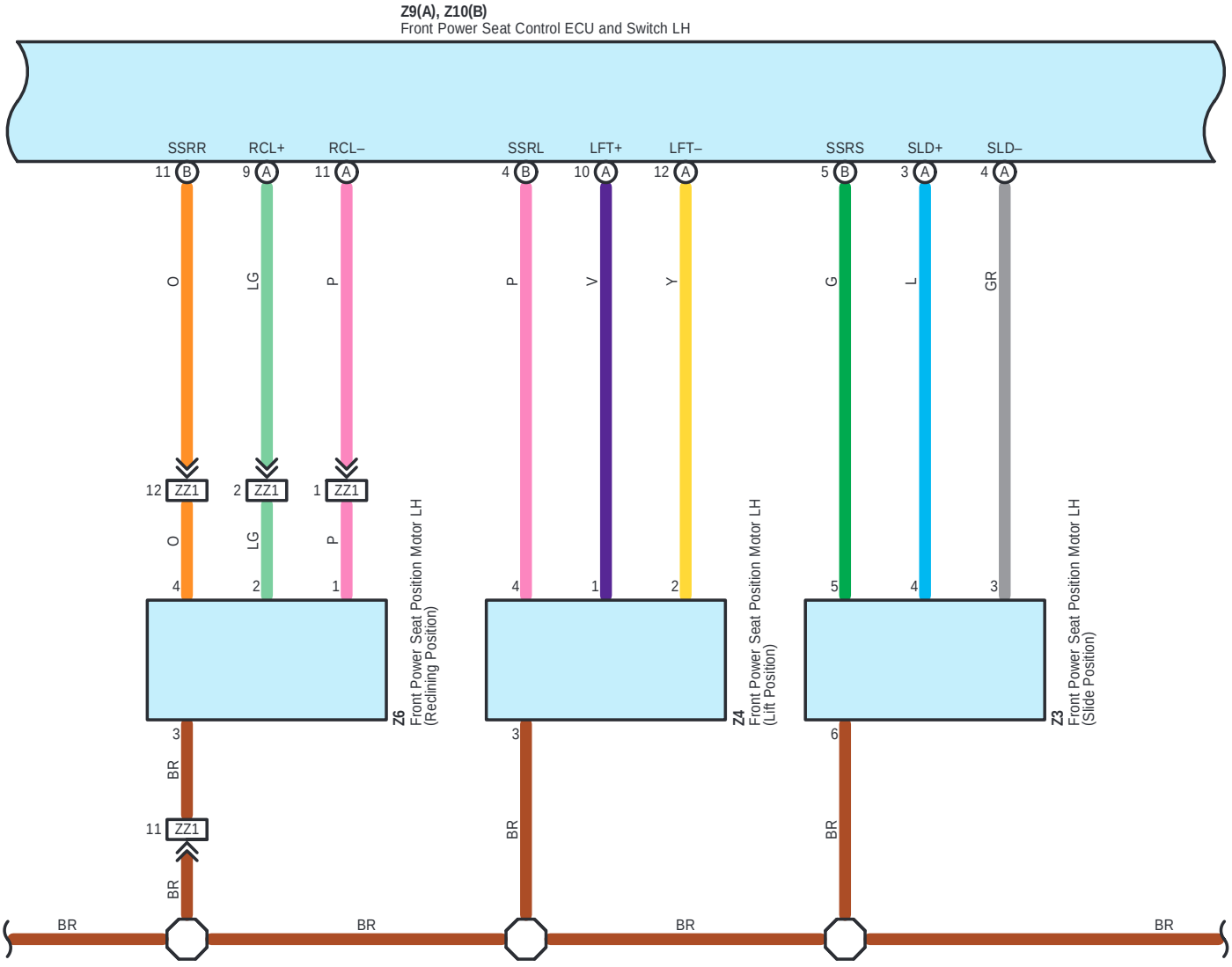


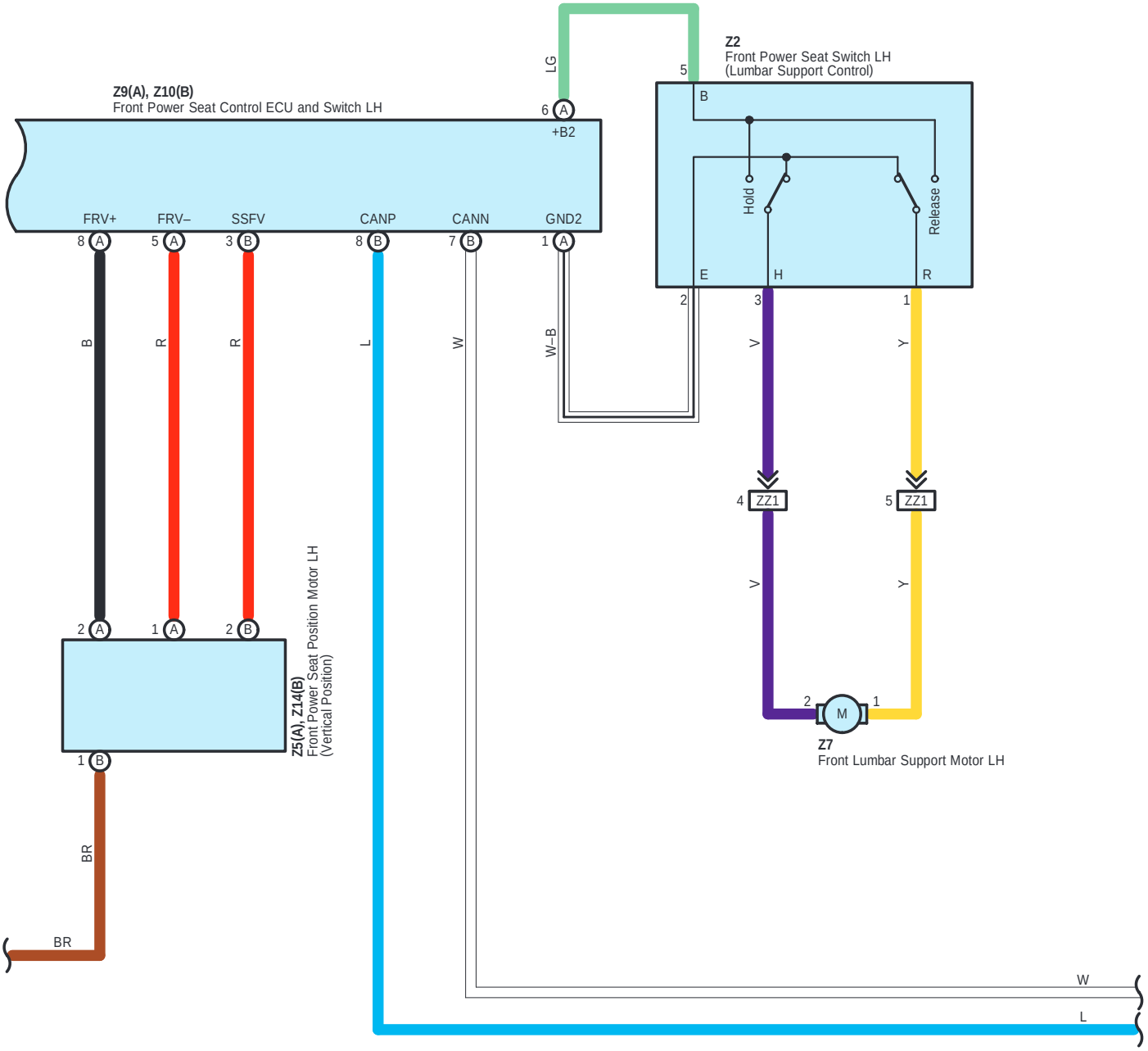
NJ1
Blue

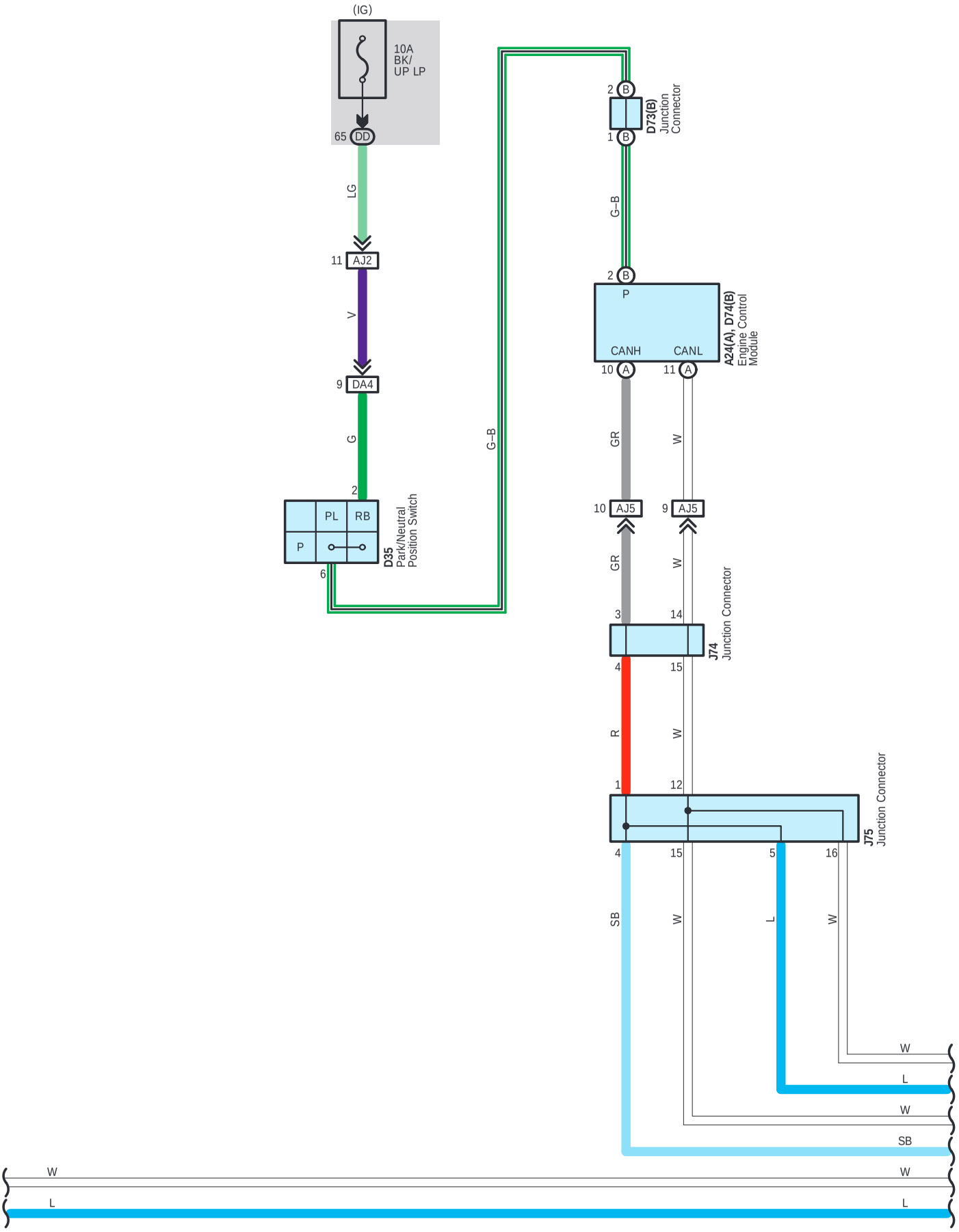


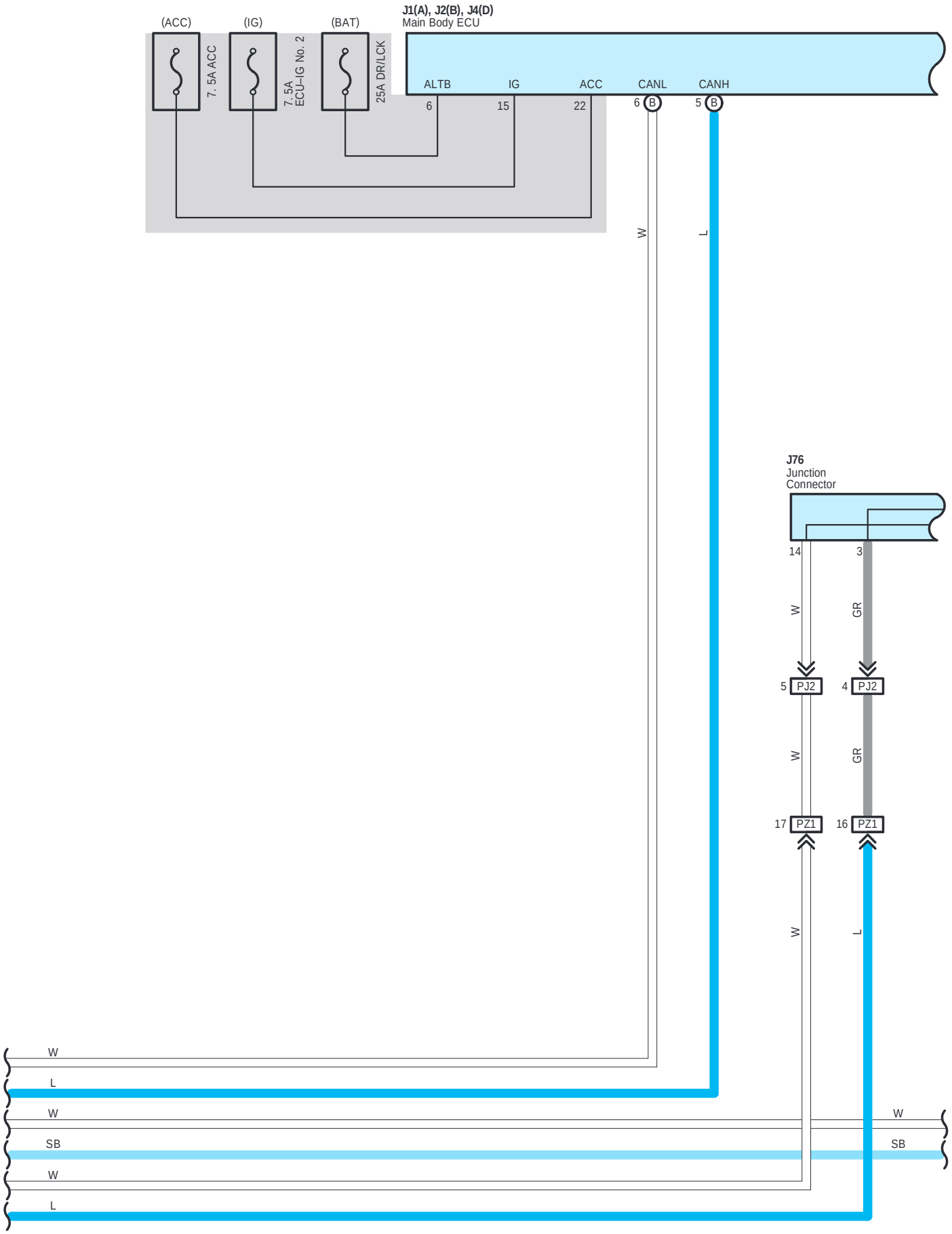

NJ2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

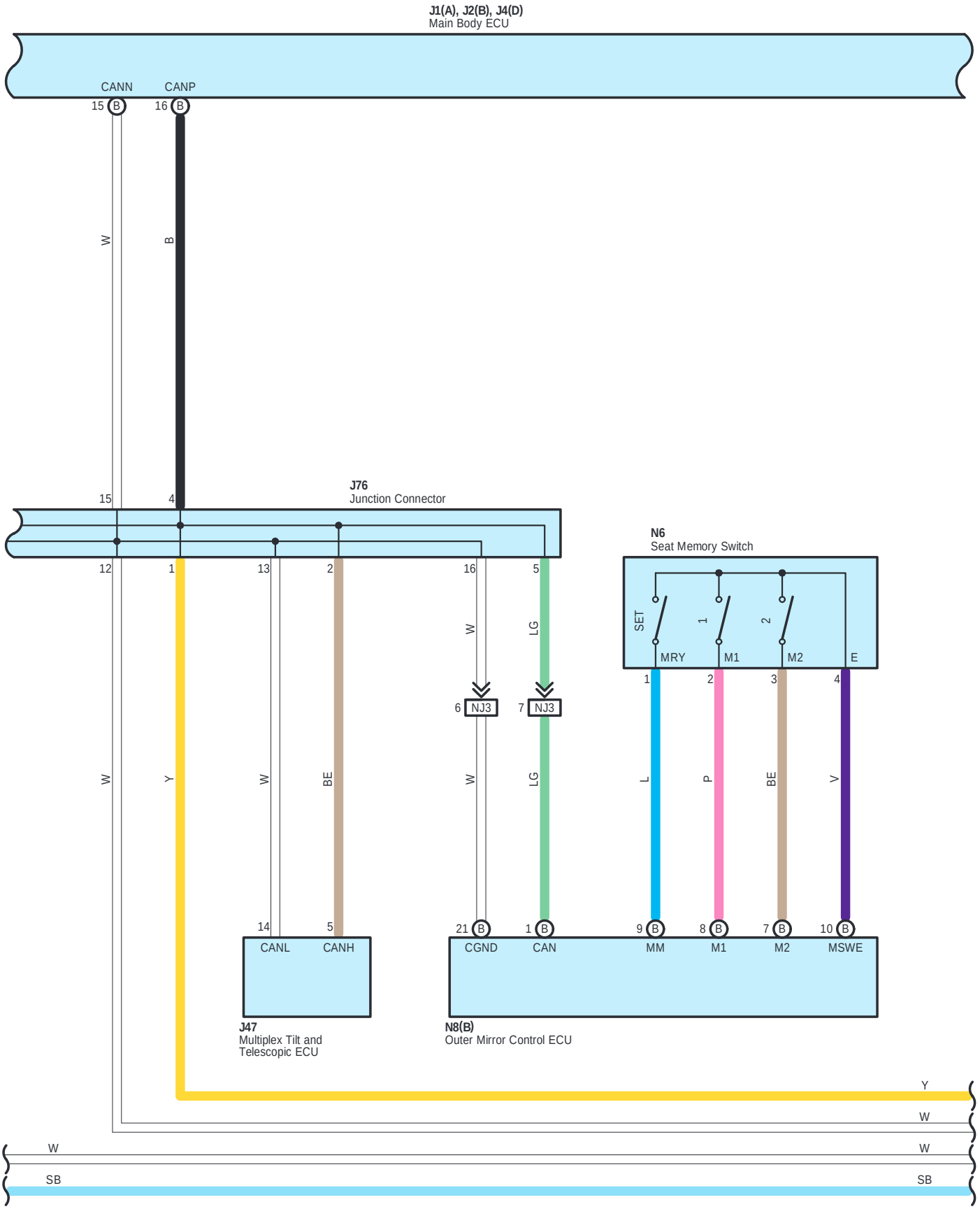

(BAT)
30A
FR P/SEAT
LH
4 DC
LG
1 PZ1
W
W
3 ZZ2
R
2
(BAT)
7. 5A
ECU–B1
2
1
GR
13 DB
11 DC
W
15 PZ1
LG
12 B
SYSB
Z15
Front Power Seat Switch LH
(Seat Cushion Control)
Front
Rear
Z9(A), Z10(B)
Front Power Seat Control
ECU and Switch LH
7 A
+B1
GND1
SGND
DBCL
2 A
1 B
10 B
5
3
4
1
G
W
W–B
B
1 ZZ2
4 ZZ2
2 ZZ2
5 ZZ2
W–B
BR
P
BR
W–B
4 PZ1
2 PZ1
W
B
6
5
E
RDC
Buckle
Switch
P7
Front Seat Inner
Belt Switch LH
G
O
2
M
1
Z8
Front Power
Seat Cushion
Control Motor LH
W–B
W–B
5 PZ1
W–B
P1
BR

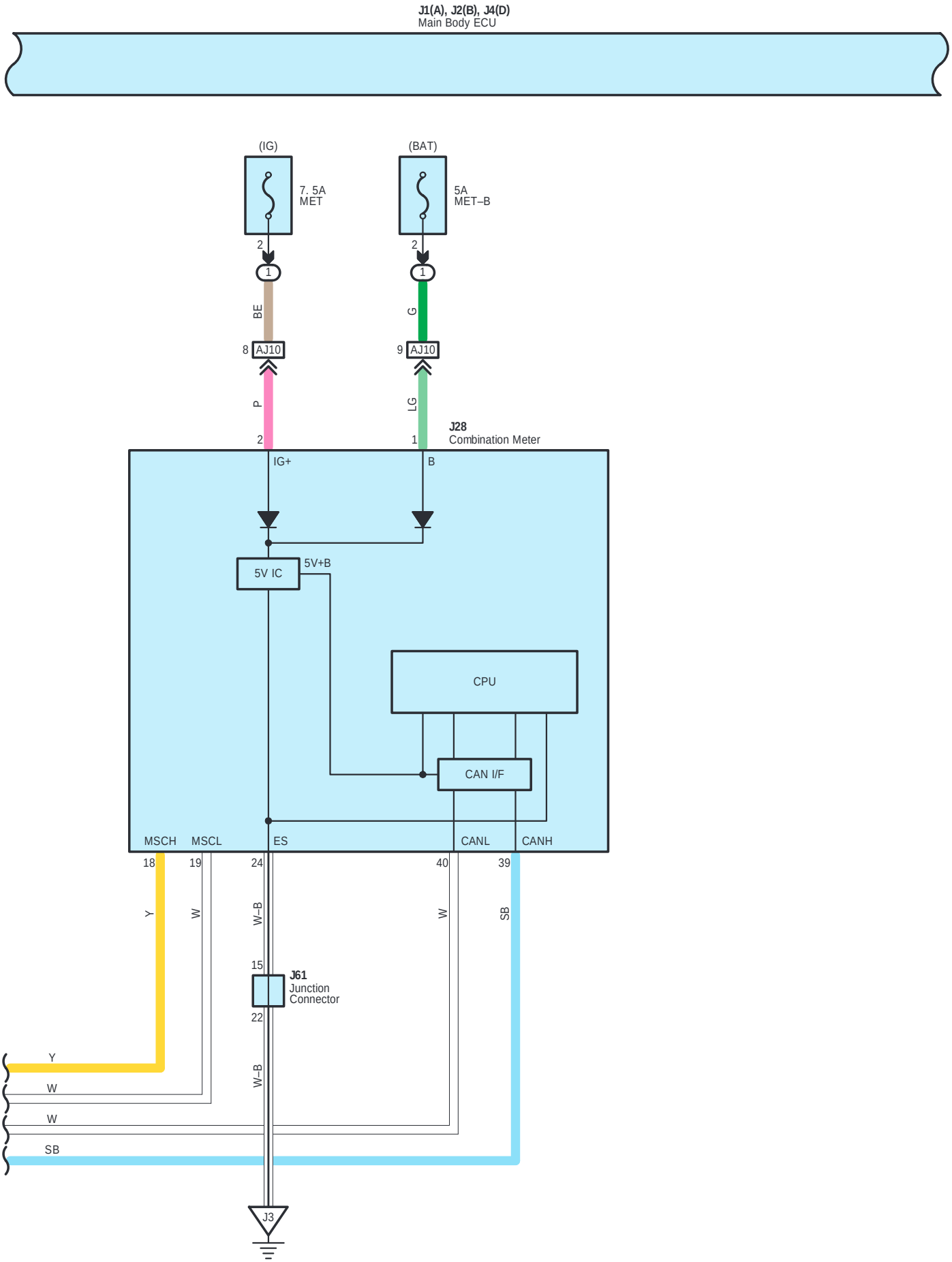

Z9(A), Z10(B)
Front Power Seat Control ECU and Switch LH
SSRR
RCL+
RCL–
SSRL
LFT+
LFT–
SSRS
SLD+
SLD–
11 B
9 A
11 A
4 B
10 A
12 A
5 B
3 A
4 A
O
LG
P
P
V
Y
G
L
GR
12 ZZ1
2 ZZ1
1 ZZ1
O
LG
P
4
2
1
4
1
2
5
4
3
Z6
Front Power Seat Position Motor LH
(Reclining Position)
Z4
Front Power Seat Position Motor LH
(Lift Position)
Z3
Front Power Seat Position Motor LH
(Slide Position)
3
BR
11 ZZ1
BR
3
BR
6
BR
BR
BR
BR
BR

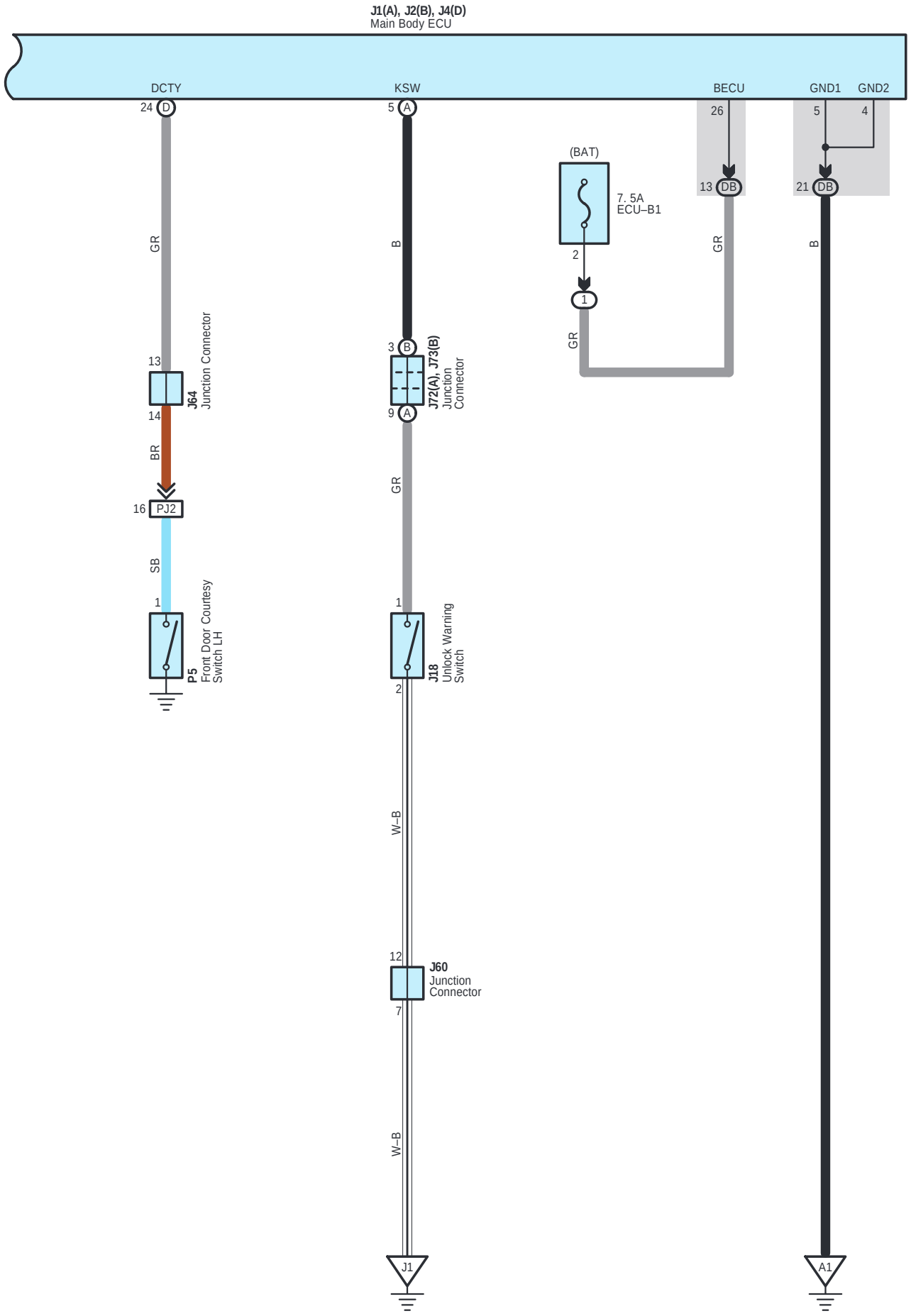

Z9(A), Z10(B)
Front Power Seat Control ECU and Switch LH
FRV+
FRV–
SSFV
CANP
CANN
GND2
+B2
LG
Z2
Front Power Seat Switch LH
(Lumbar Support Control)
Hold
Release
E
H
R
B
R
R
L
W
W–B
V
Y
ZZ1
ZZ1
M
Z7
Front Lumbar Support Motor LH
Z5(A), Z14(B)
Front Power Seat Position Motor LH
(Vertical Position)
BR
BR
W
L


(IG)
10A
BK/
UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
PL
RB
P
D35
Park/Neutral
Position Switch
6
G–B
2 B
1 B
D73(B)
Junction
Connector
G–B
2 B
P
CANH
CANL
10 A
11 A
A24(A), D74(B)
Engine Control
Module
GR
W
10 AJ5
9 AJ5
GR
W
3
14
J74
Junction Connector
4
15
R
W
1
12
J75
Junction Connector
4
15
5
16
SB
W
L
W
W
L
W
SB
W
L
W
L

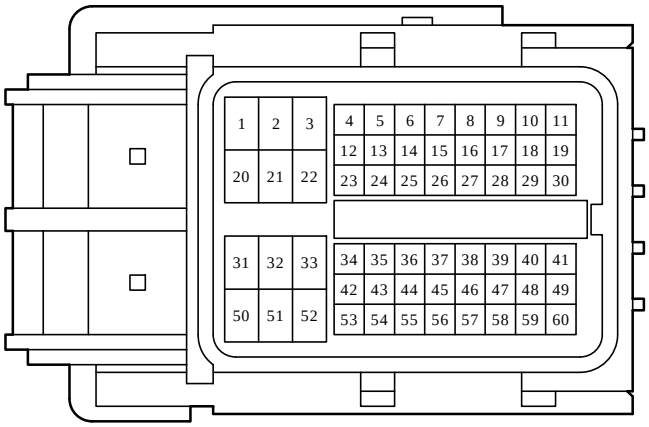

(ACC)
(IG)
(BAT)
7. 5A ACC
7. 5A ECU–IG No. 2
25A DR/LCK
J1(A), J2(B), J4(D)
Main Body ECU
ALTB
IG
ACC
CANL
CANH
6
15
22
6 B
5 B
W
L
J76
Junction Connector
14
3
W
GR
5 PJ2
4 PJ2
W
GR
17 PZ1
16 PZ1
W
L
W
L
W
SB
W
L
W
SB


J1(A), J2(B), J4(D)
Main Body ECU
CANN
CANP
15 B
16 B
W
B
J76
Junction Connector
15
4
12
1
13
2
16
5
W
LG
6 NJ3
7 NJ3
N6
Seat Memory Switch
SET
1
2
MRY
M1
M2
E
1
2
3
4
W
Y
W
BE
W
LG
L
P
BE
V
14
5
21 B
1 B
9 B
8 B
7 B
10 B
CANL
CANH
CGND
CAN
MM
M1
M2
MSWE
J47
Multiplex Tilt and
Telescopic ECU
N8(B)
Outer Mirror Control ECU
Y
W
W
W
SB
SB

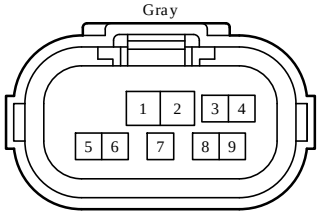

J1(A), J2(B), J4(D)
Main Body ECU
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8 AJ10
9 AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
5V IC
5V+B
CPU
CAN I/F
MSCH
MSCL
ES
CANL
CANH
18
19
24
40
39
Y
W
W–B
W
SB
15
J61
Junction
Connector
22
W–B
Y
W
W
SB
J3


J1(A), J2(B), J4(D)
Main Body ECU
DCTY
KSW
BECU
GND1
GND2
24 D
5 A
26
5
4
(BAT)
7. 5A
ECU–B1
13 DB
21 DB
2
1
GR
B
GR
B
3 B
13
J64
Junction Connector
14
BR
16 PJ2
SB
1
P5
Front Door Courtesy
Switch LH
J72(A), J73(B)
Junction
Connector
9 A
GR
1
J18
Unlock Warning
Switch
2
W–B
12
J60
Junction
Connector
7
W–B
J1
A1

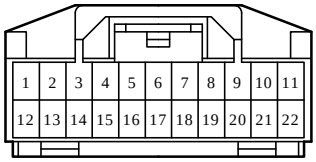
A 24
Black



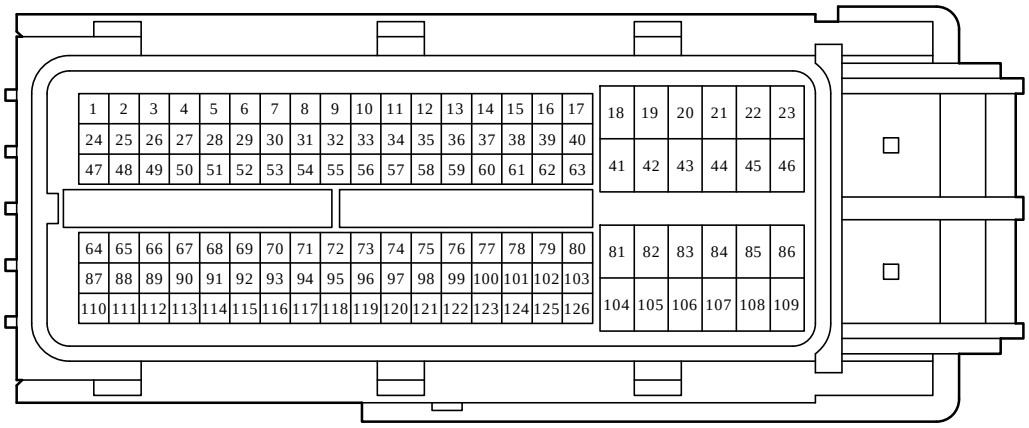
D 35
Gray



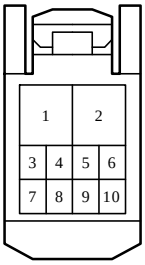
D 73
Blue



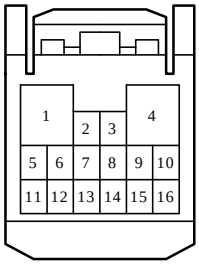
D 74
Black



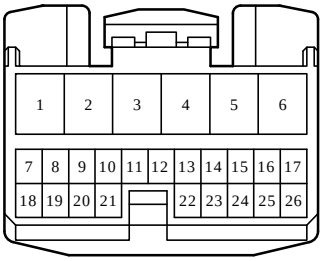
J 1
White



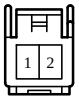
J 2
White



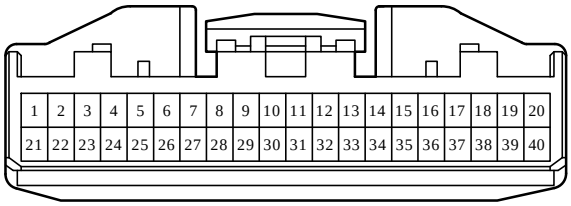
J 4
White



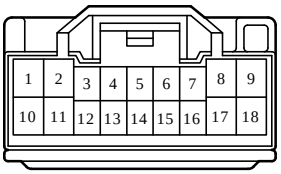
J 18
White



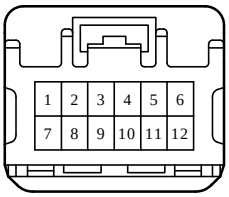
J 28
Black



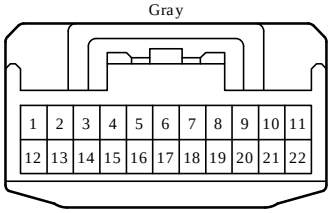
J 47
White



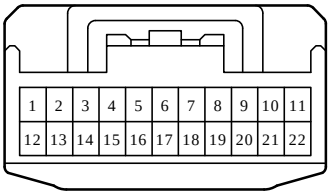
J 60
White



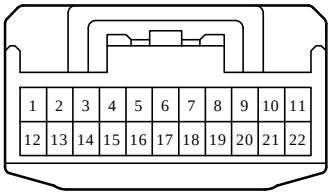
J 61
Gray



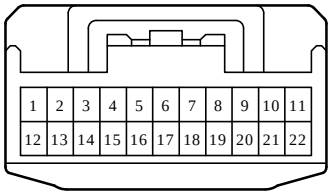
J 64
White



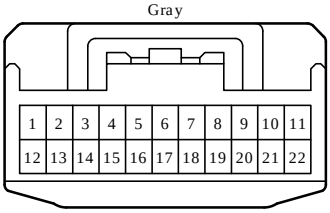
J 72
Black



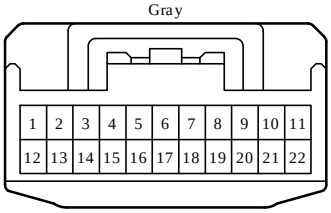
J 73
Black



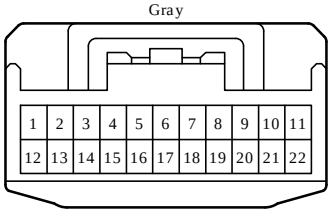
J 74
Gray



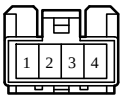
J 75
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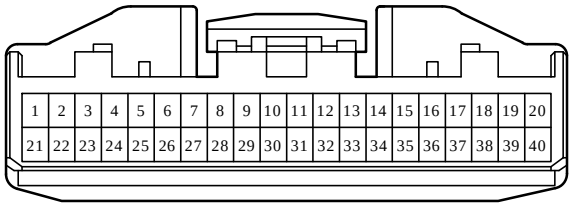
J 76
Gray



N 6
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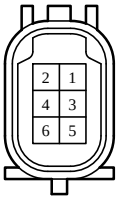
N 8
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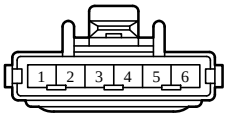
P 5
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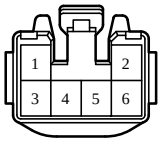
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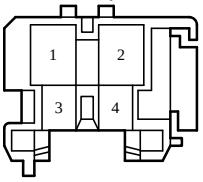
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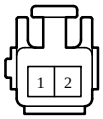
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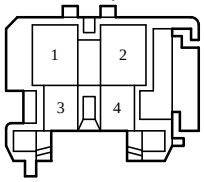
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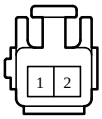
Z 5
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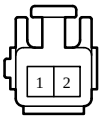
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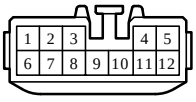
Z 7
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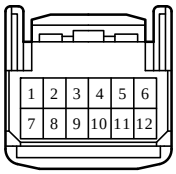
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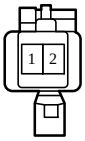
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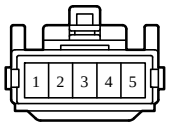
Z 10
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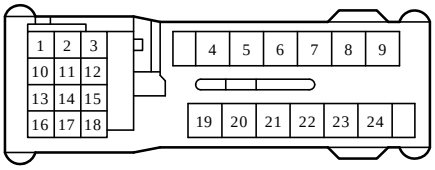
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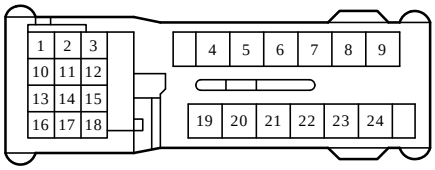
Z 15
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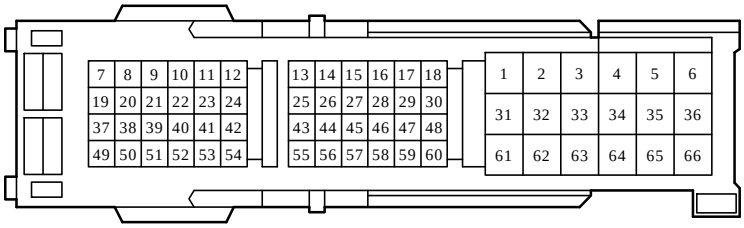
DB
White



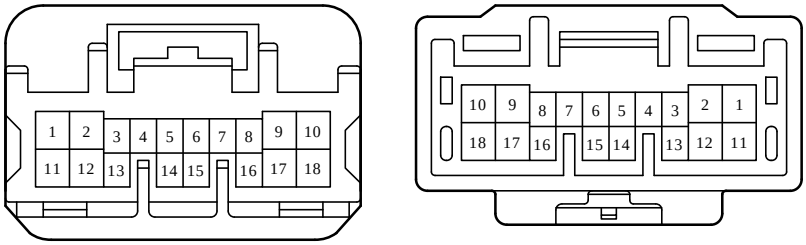
DC
White



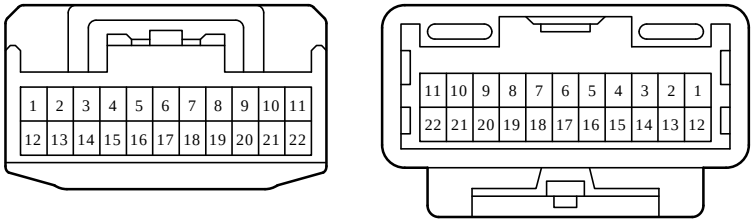
DD
White



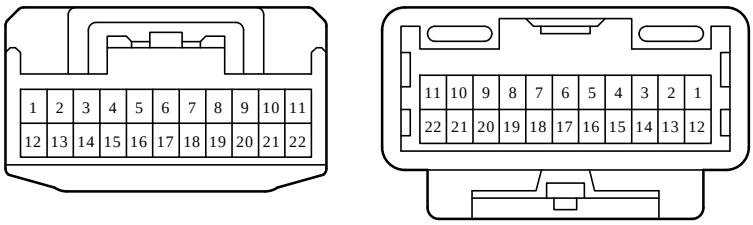
AJ2
Gray



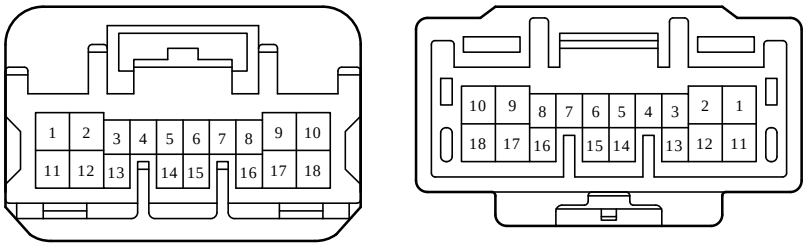
AJ5
Gray



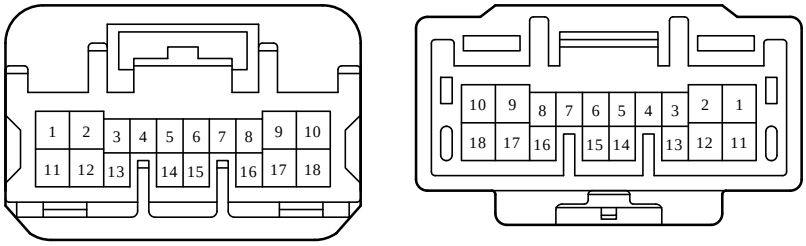
AJ10
Gray



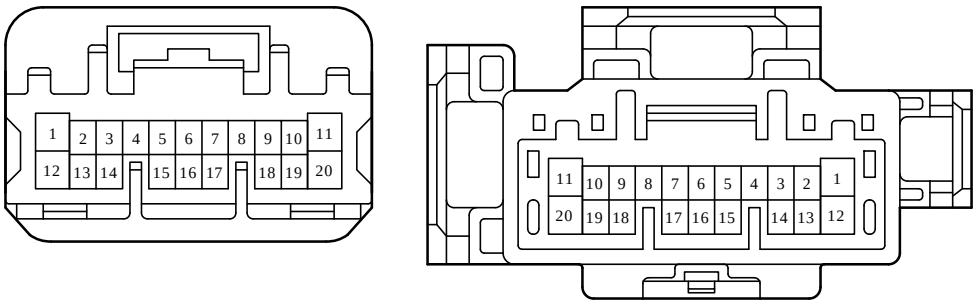
DA4
Gray



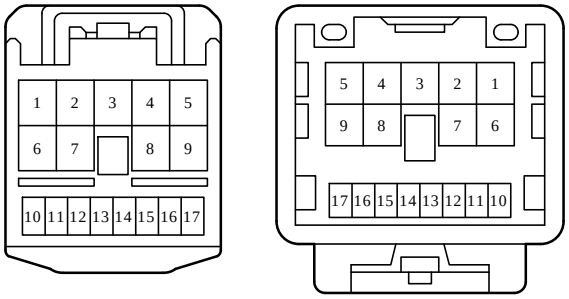
NJ3
Blue



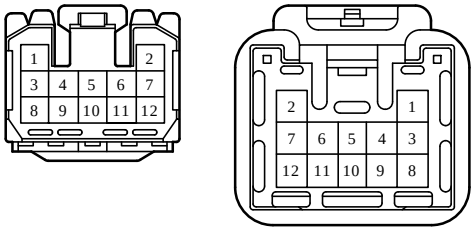
PJ2
White

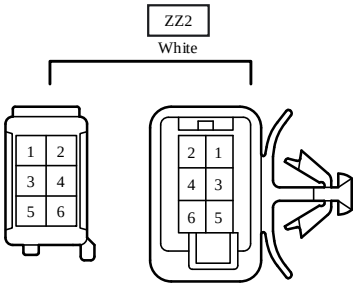


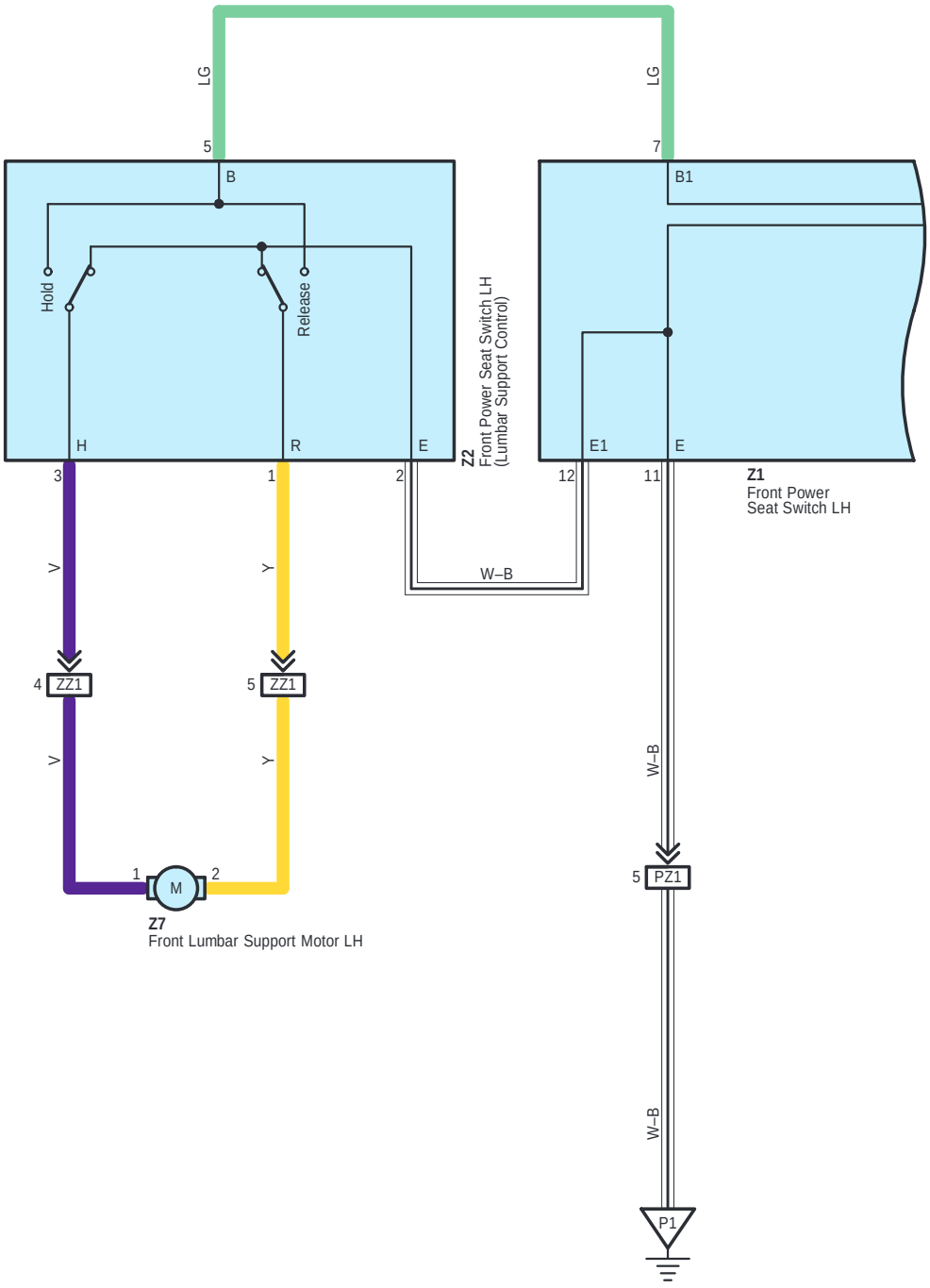
PZ1
White

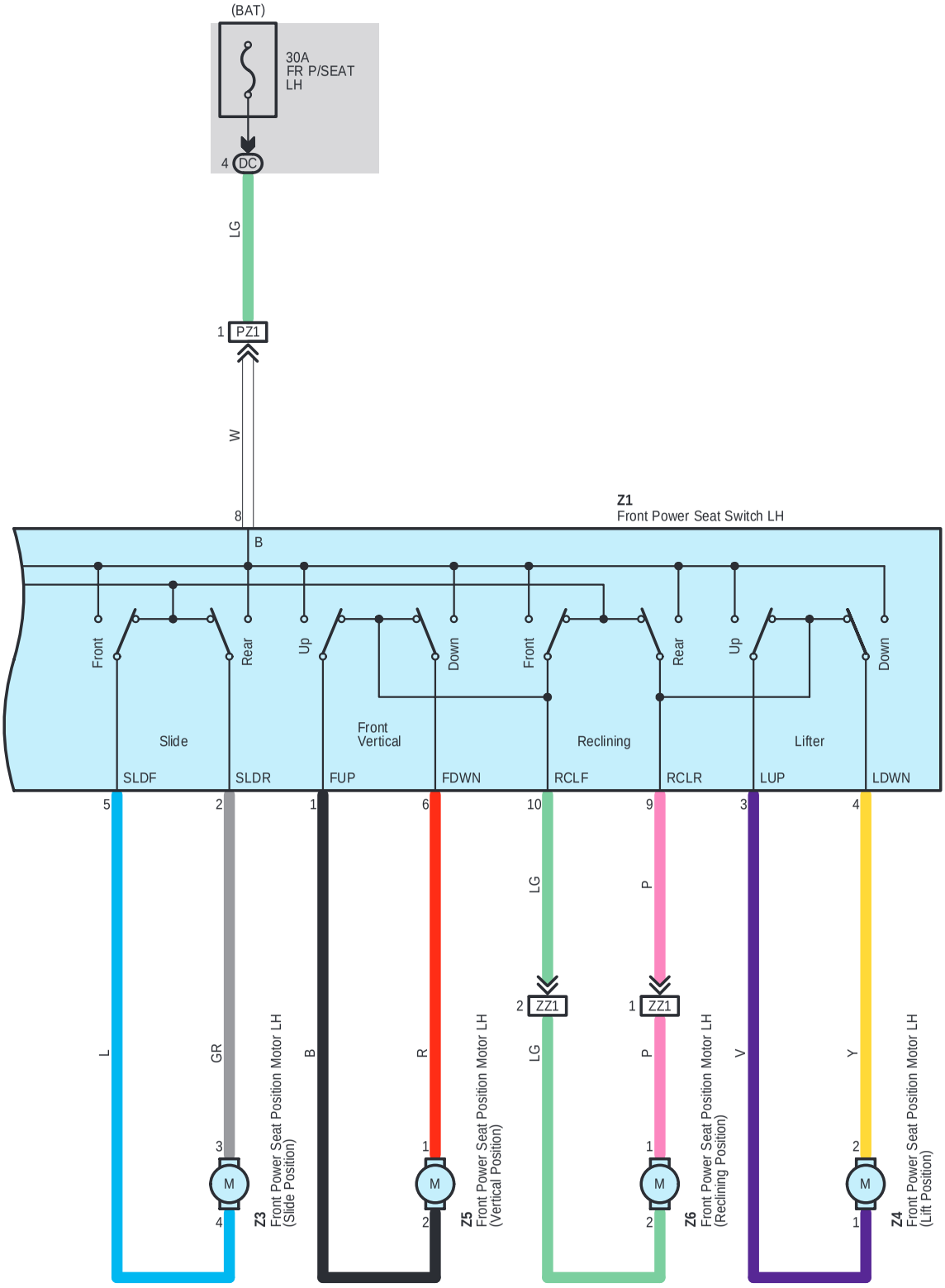


ZZ1
White

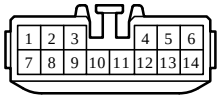



ZZ2
White
1
2
3
4
5
6
2
1
4
3
6
5

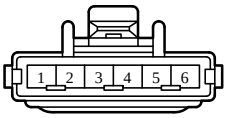

LG
LG
5
7
B
B1
Hold
Release
H
R
E
E1
E
Z2
Front Power Seat Switch LH
(Lumbar Support Control)
3
1
2
12
11
Z1
Front Power
Seat Switch LH
W–B
4 ZZ1
5 ZZ1
5 PZ1
1
M
2
Z7
Front Lumbar Support Motor LH
P1


(BAT)
30A
FR P/SEAT
LH
4 DC
LG
1 PZ1
W
8
Z1
Front Power Seat Switch LH
B
Front
Rear
Up
Down
Front
Rear
Up
Down
Slide
Front
Vertical
Reclining
Lifter
SLDF
SLDR
FUP
FDWN
RCLF
RCLR
LUP
LDWN
5
2
1
6
10
9
3
4
L
GR
B
R
LG
P
V
Y
2 ZZ1
1 ZZ1
3
M
4
Z3
Front Power Seat Position Motor LH
(Slide Position)
1
M
2
Z5
Front Power Seat Position Motor LH
(Vertical Position)
1
M
2
Z6
Front Power Seat Position Motor LH
(Reclining Position)
2
M
1
Z4
Front Power Seat Position Motor LH
(Lift Position)

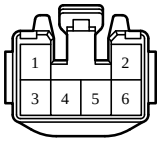
Z 1
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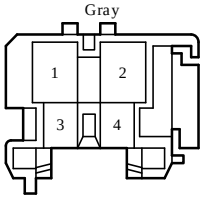
Z 2
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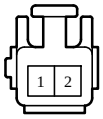
Z 3
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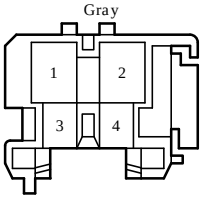
Z 4
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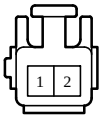
Z 5
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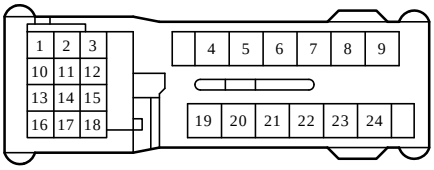
Z 6
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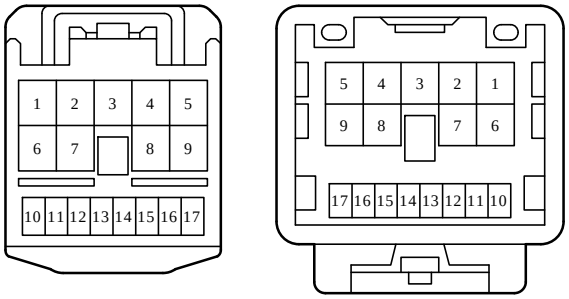
Z 7
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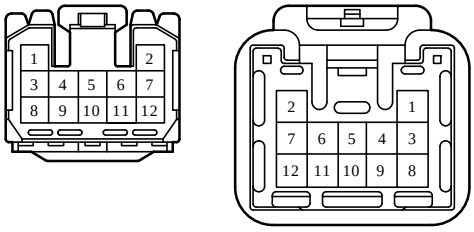
DC
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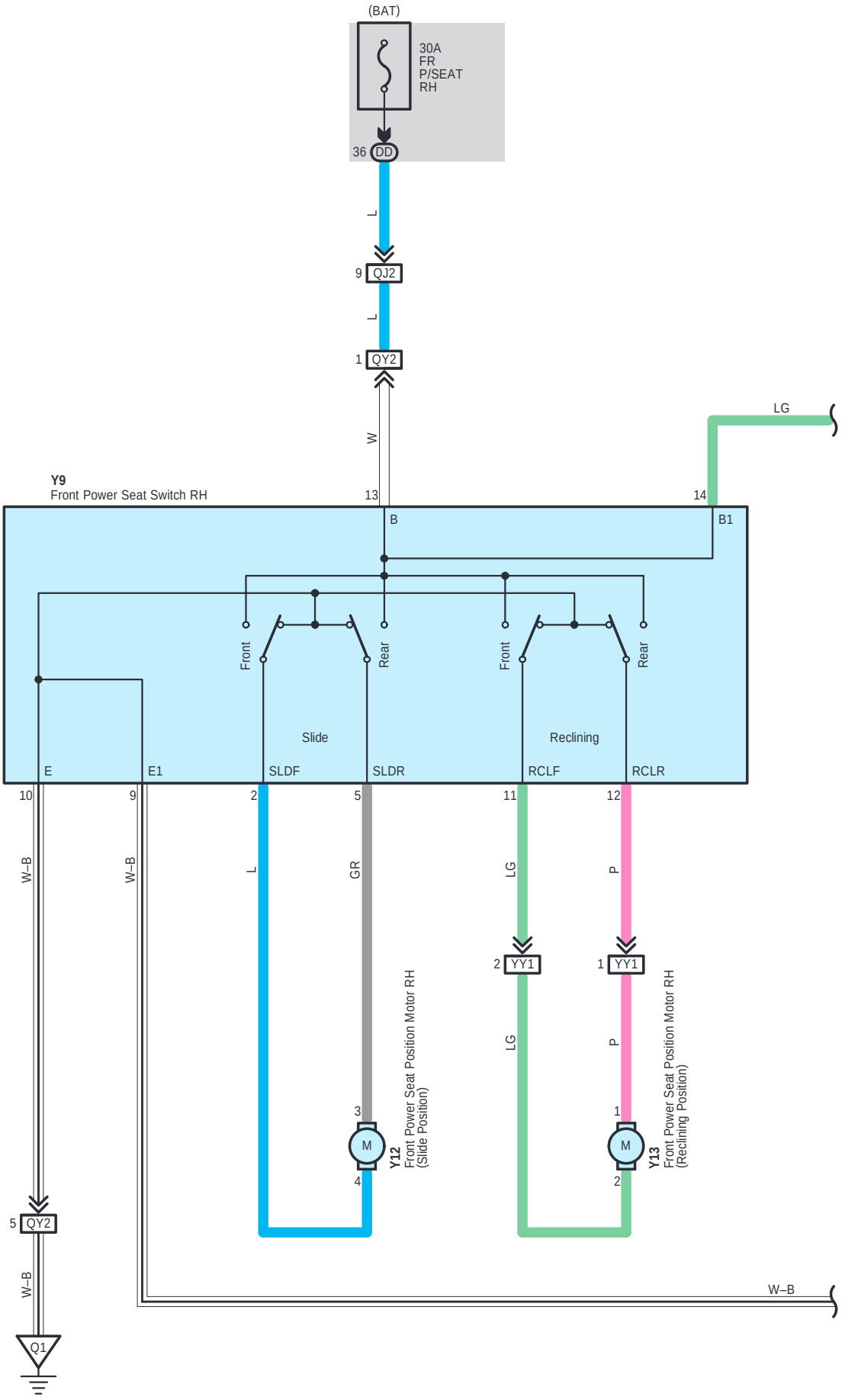


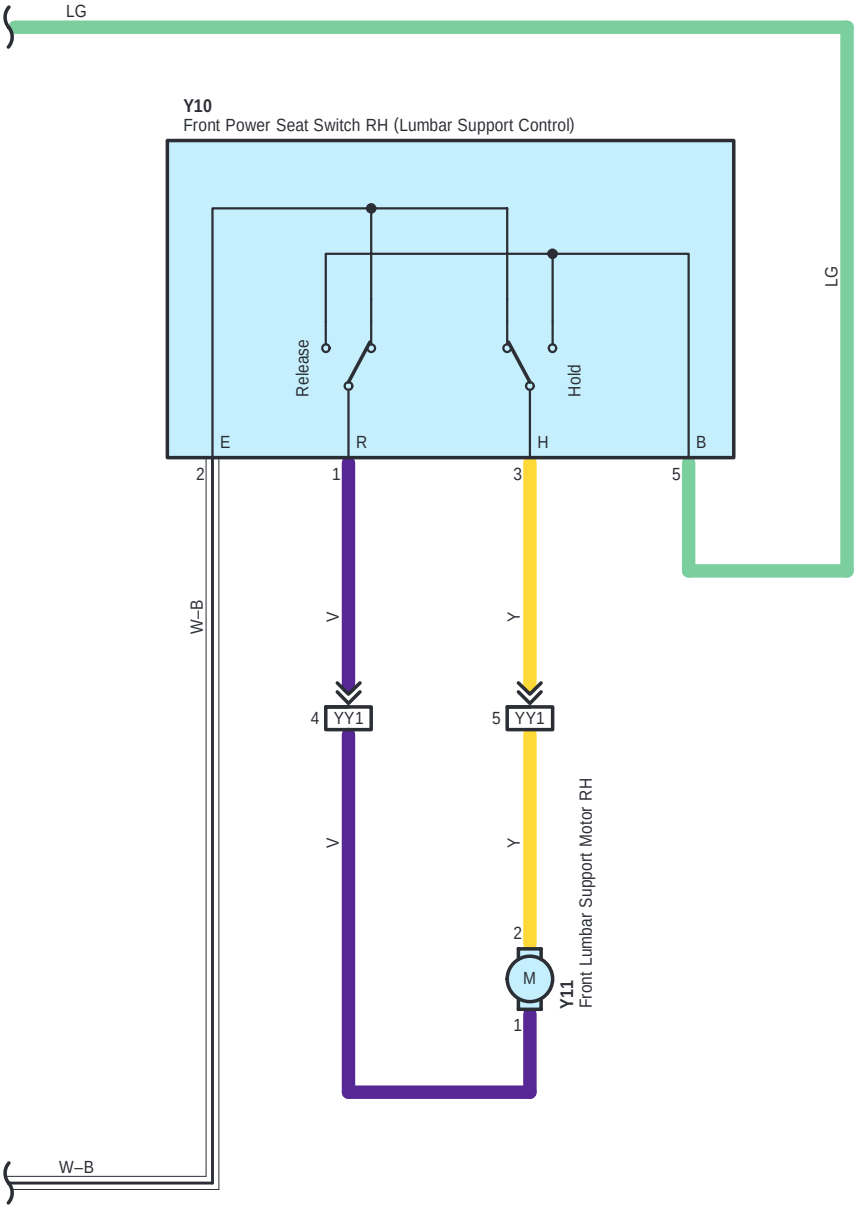
PZ1
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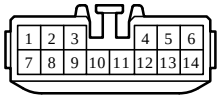
ZZ1
White



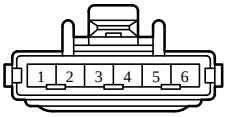

(BAT)
30A
FR
P/SEAT
RH
36 DD
L
9 QJ2
L
1 QY2
W
LG
Y9
Front Power Seat Switch RH
13
14
B
B1
Front
Rear
Front
Rear
Slide
Reclining
E
E1
SLDF
SLDR
RCLF
RCLR
10
9
2
5
11
12
W–B
W–B
L
GR
LG
P
2 YY1
1 YY1
LG
P
3
1
M
M
4
2
Y12
Front Power Seat Position Motor RH
(Slide Position)
Y13
Front Power Seat Position Motor RH
(Reclining Position)
5 QY2
W–B
W–B
Q1


LG
Y10
Front Power Seat Switch RH (Lumbar Support Control)
Release
Hold
E
R
H
B
2
1
3
5
LG
W–B
V
Y
4
YY1
5
YY1
V
Y
2
M
1
Y11
Front Lumbar Support Motor RH
W–B

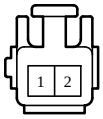
Y 9
Black



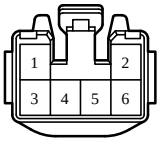
Y 10
White



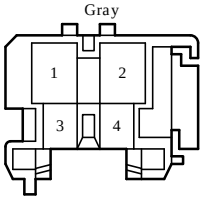
Y 11
Black



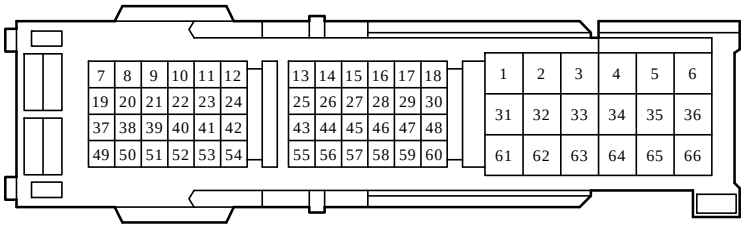
Y 12
Black



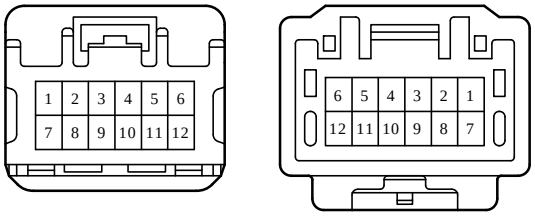
Y 13
Gray



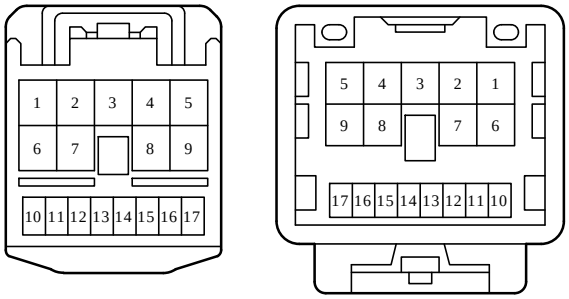
DD
White



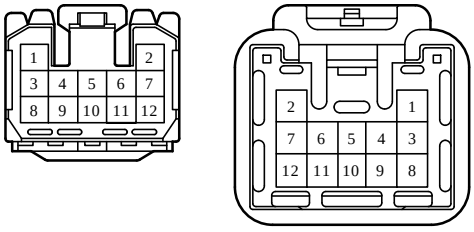
QJ2
Black

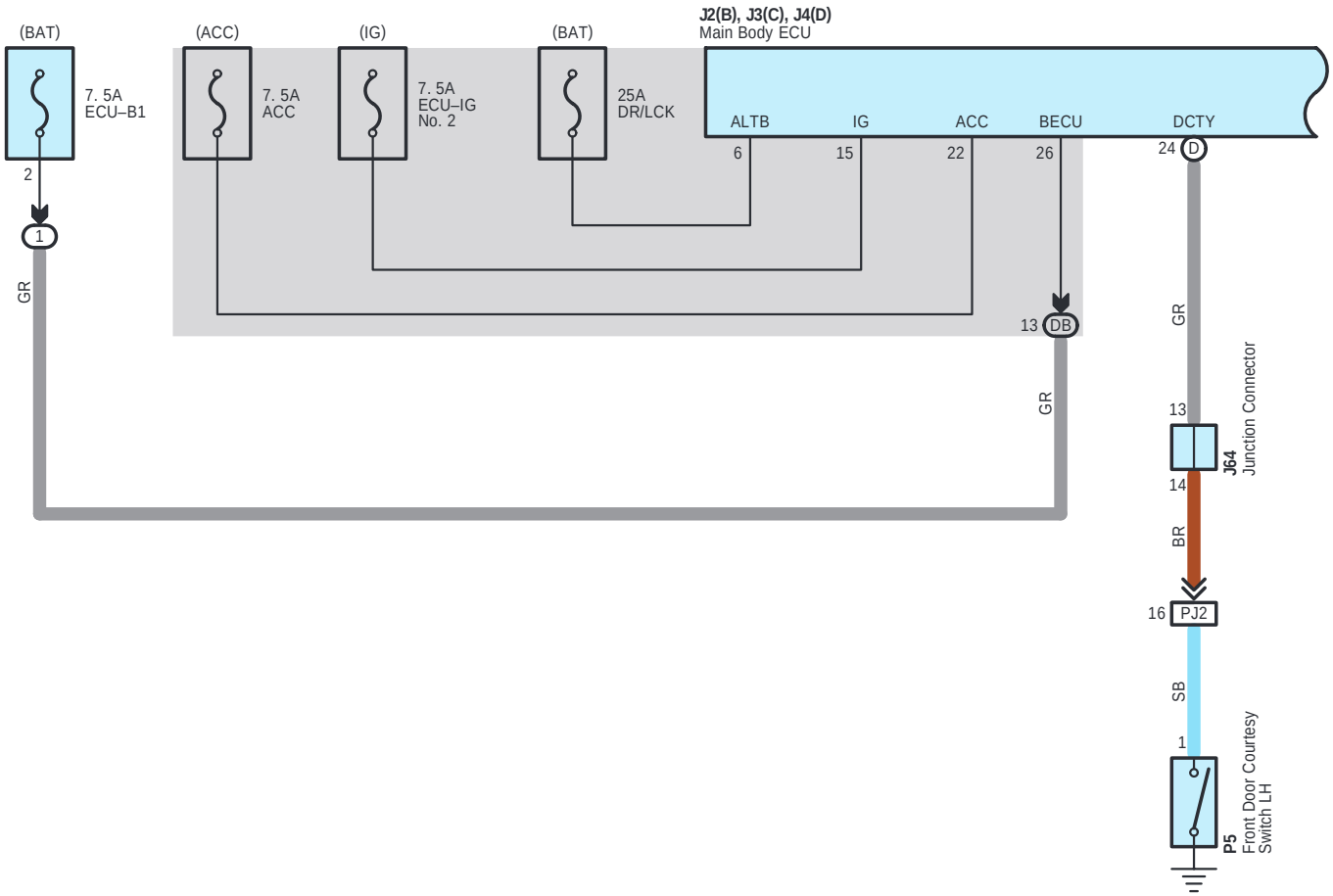


QY2
White

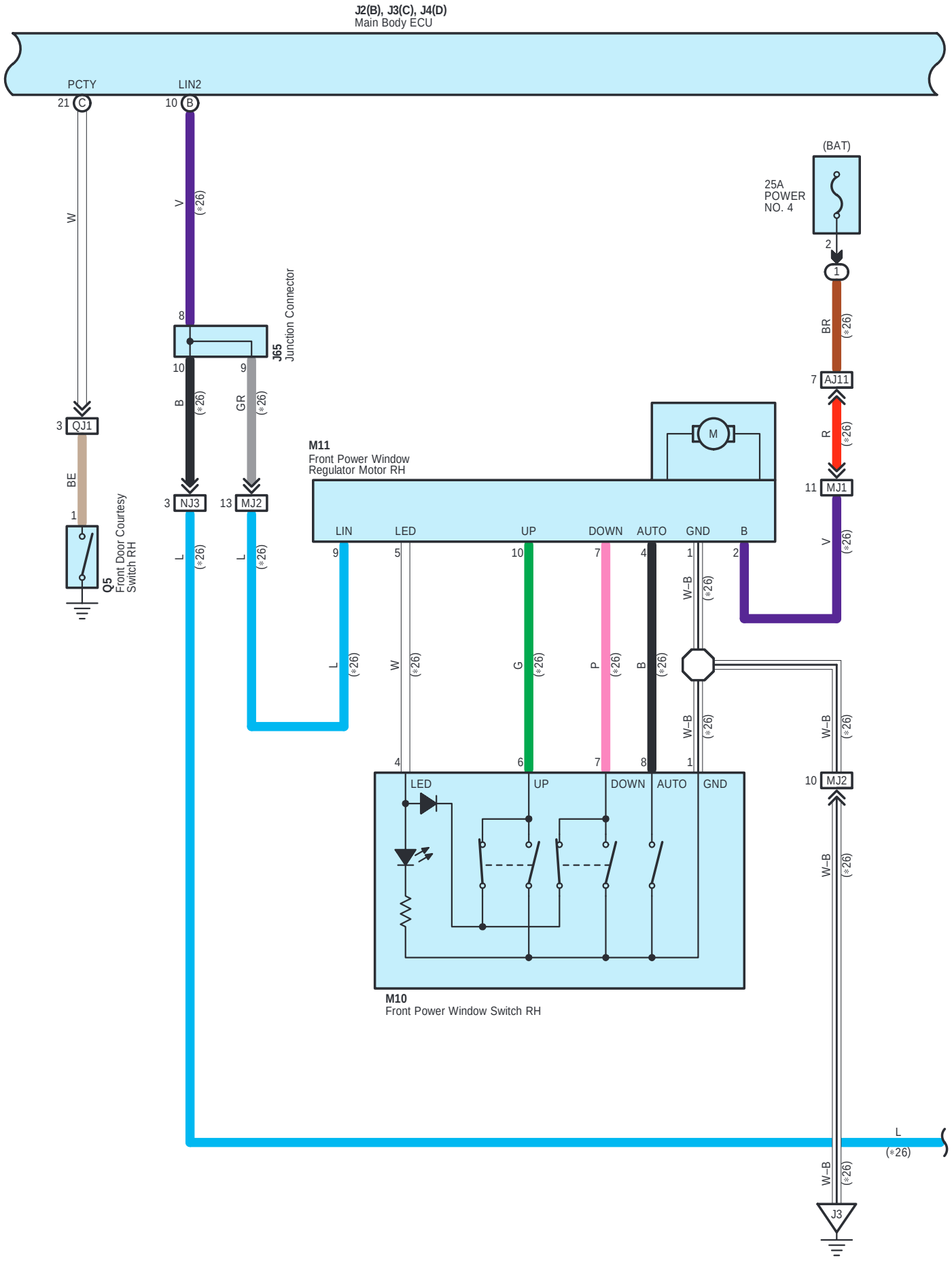


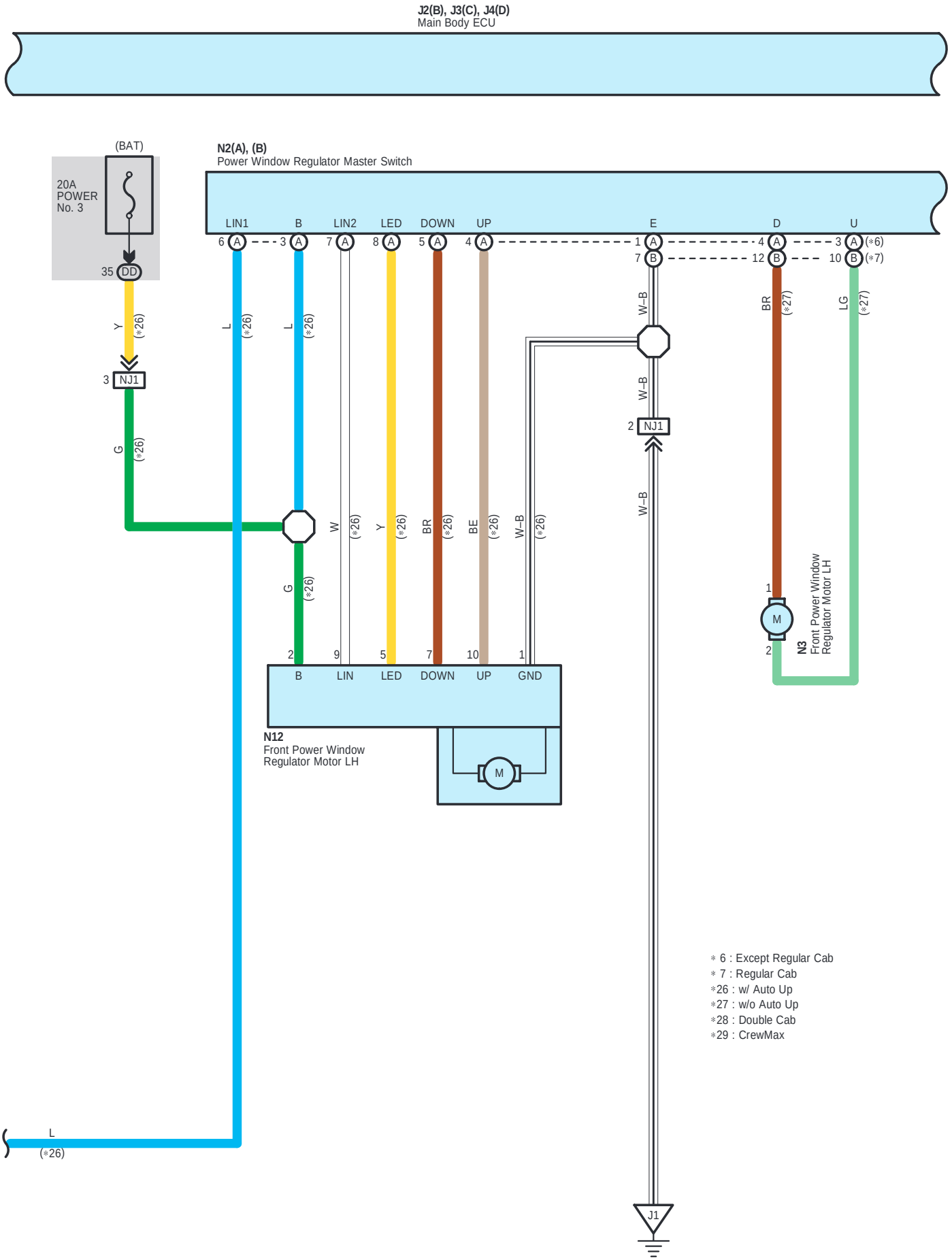
YY1
White

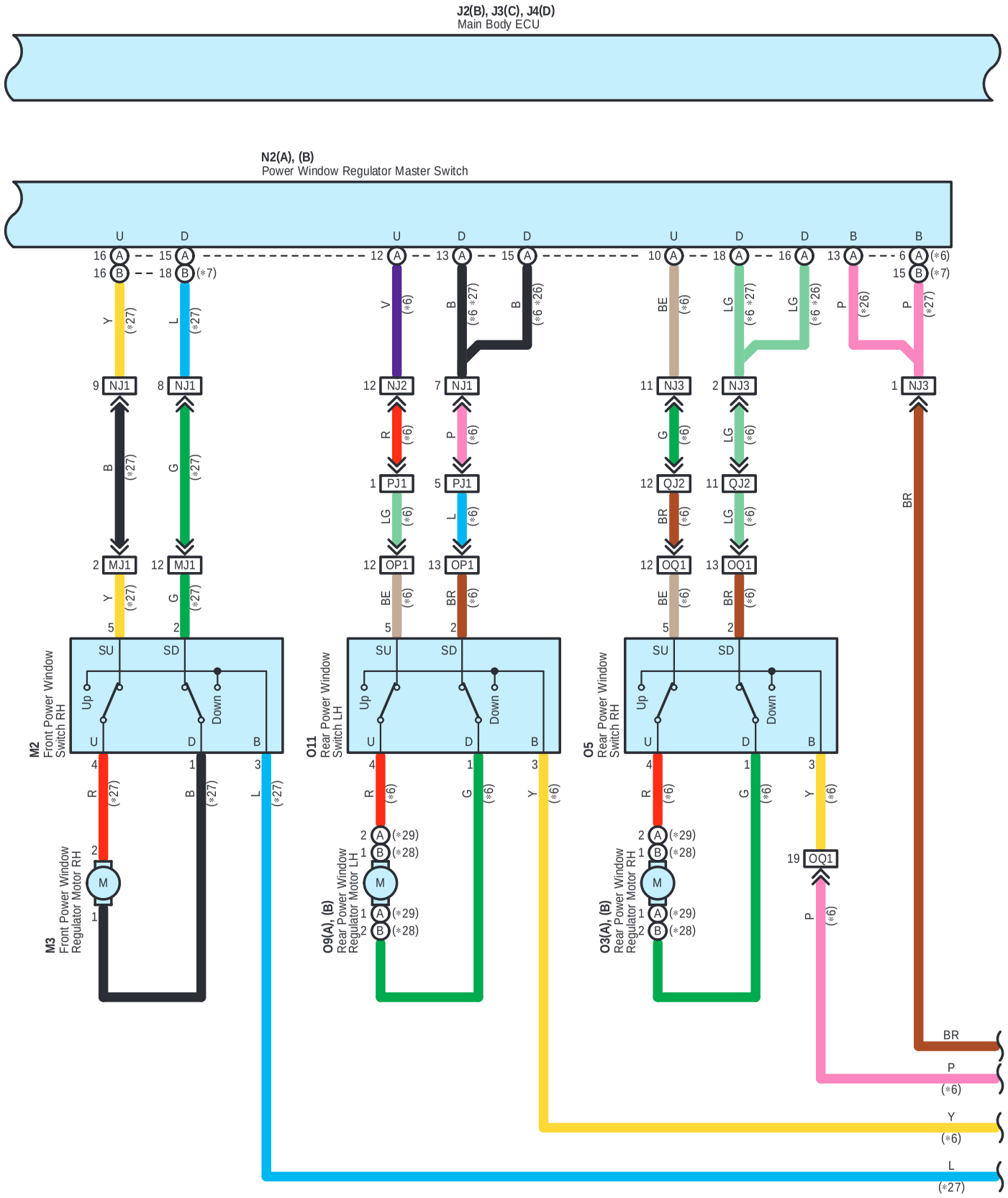


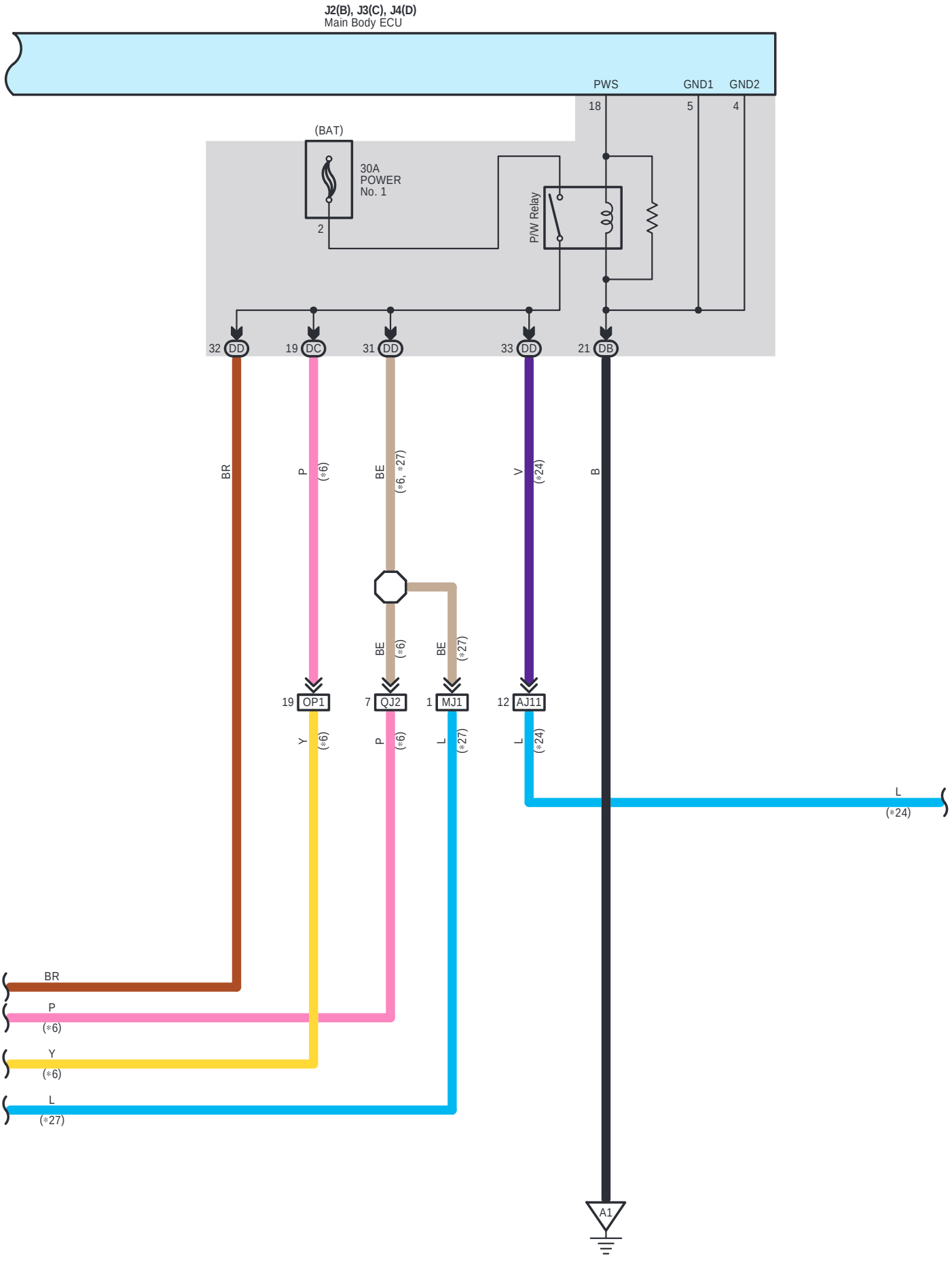

(BAT)
(ACC)
(IG)
(BAT)
J2(B), J3(C), J4(D)
Main Body ECU
7. 5A
ECU–B1
7. 5A
ACC
7. 5A
ECU–IG
No. 2
25A
DR/LCK
ALTB
IG
ACC
BECU
DCTY
6
15
22
26
24
D
2
1
GR
13
DB
GR
GR
13
J64
Junction Connector
14
BR
16
PJ2
SB
1
P5
Front Door Courtesy
Switch LH

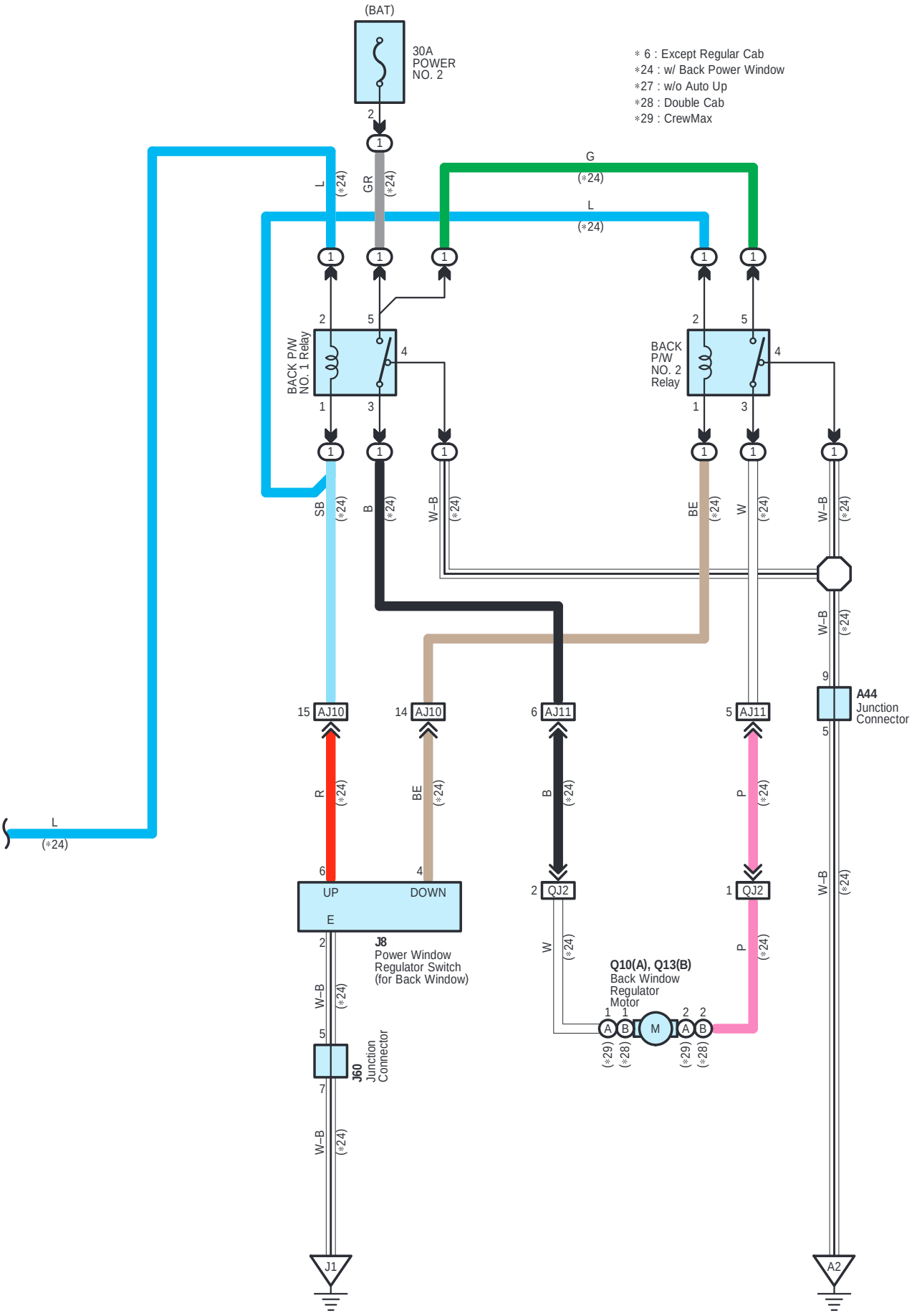
*26 : w/ Auto Up


J2(B), J3(C), J4(D)
Main Body ECU
PCTY
LIN2
21 C
10 B
W
V (*26)
8
J65
Junction Connector
10
9
B (*26)
GR (*26)
3 QJ1
BE
1
Q5
Front Door Courtesy
Switch RH
3 NJ3
13 MJ2
L (*26)
L (*26)
(BAT)
25A
POWER
NO. 4
2
1
BR (*26)
7 AJ11
R (*26)
11 MJ1
V (*26)
M
M11
Front Power Window
Regulator Motor RH
LIN
LED
UP
DOWN
AUTO
GND
B
9
5
10
7
4
1
2
L (*26)
W (*26)
G (*26)
P (*26)
B (*26)
W–B (*26)
W–B (*26)
W–B (*26)
4
6
7
8
1
LED
UP
DOWN
AUTO
GND
M10
Front Power Window Switch RH
10 MJ2
W–B (*26)
L
(*26)
W–B (*26)
J3

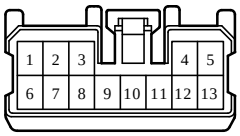

J2(B), J3(C), J4(D)
Main Body ECU
(BAT)
20A
POWER
No. 3
35 DD
Y (*26)
3 NJ1
G (*26)
N2(A), (B)
Power Window Regulator Master Switch
LIN1 B LIN2 LED DOWN UP E D U
6 A 3 A 7 A 8 A 5 A 4 A 1 A 4 A 3 A (*6)
7 B 12 B 10 B (*7)
L (*26)
L (*26)
W (*26)
Y (*26)
BR (*26)
BE (*26)
W–B (*26)
G (*26)
W–B
W–B
W–B
2 NJ1
BR (*27)
LG (*27)
1
M
2
N3
Front Power Window
Regulator Motor LH
2 9 5 7 10 1
B LIN LED DOWN UP GND
N12
Front Power Window
Regulator Motor LH
M
L
(*26)
J1
* 6 : Except Regular Cab
* 7 : Regular Cab
*26 : w/ Auto Up
*27 : w/o Auto Up
*28 : Double Cab
*29 : CrewMax


J2(B), J3(C), J4(D)
Main Body ECU
N2(A), (B)
Power Window Regulator Master Switch
M2
Front Power Window Switch RH
M3
Front Power Window Regulator Motor RH
O11
Rear Power Window Switch LH
O9(A), (B)
Rear Power Window Regulator Motor LH
O5
Rear Power Window Switch RH
O3(A), (B)
Rear Power Window Regulator Motor RH
SU
SD
Up
Down
NJ1
NJ2
NJ3
MJ1
PJ1
OP1
OQ1
QJ2
BR
P
Y
L

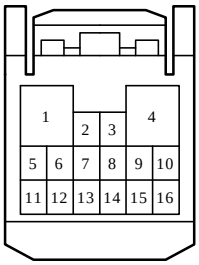

J2(B), J3(C), J4(D)
Main Body ECU
PWS
GND1
GND2
18
5
4
(BAT)
30A
POWER
No. 1
2
P/W Relay
32 DD
19 DC
31 DD
33 DD
21 DB
BR
P (*6)
BE (*6, *27)
V (*24)
B
BE (*6)
BE (*27)
19 OP1
7 QJ2
1 MJ1
12 AJ11
Y (*6)
P (*6)
L (*27)
L (*24)
L
(*24)
BR
P
(*6)
Y
(*6)
L
(*27)
A1


(BAT)
30A
POWER
NO. 2
∗ 6 : Except Regular Cab
∗24 : w/ Back Power Window
∗27 : w/o Auto Up
∗28 : Double Cab
∗29 : CrewMax
BACK P/W NO. 1 Relay
BACK P/W NO. 2 Relay
L (∗24)
GR (∗24)
G (∗24)
SB (∗24)
B (∗24)
W–B (∗24)
BE (∗24)
W (∗24)
R (∗24)
P (∗24)
AJ10
AJ11
QJ2
UP
DOWN
E
J8
Power Window Regulator Switch (for Back Window)
Q10(A), Q13(B)
Back Window Regulator Motor
M
J60
Junction Connector
A44
Junction Connector
J1
A2

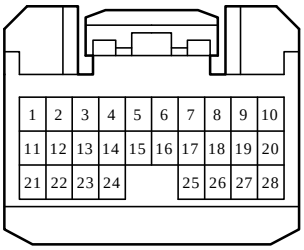
A 44
White



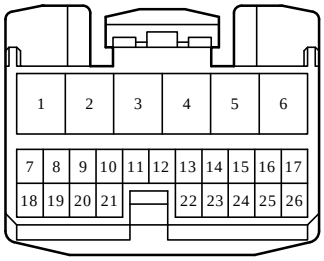
J 2
White



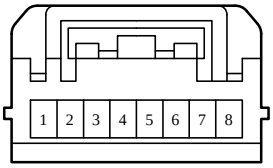
J 3
White



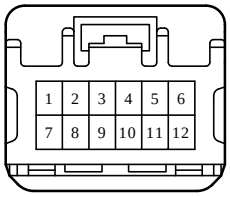
J 4
White



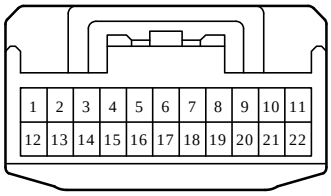
J 8
White



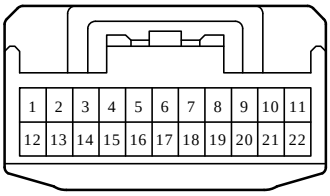
J 60
White



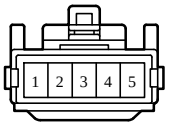
J 64
White



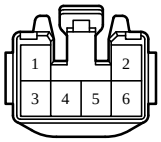
J 65
White



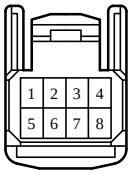
M 2
White



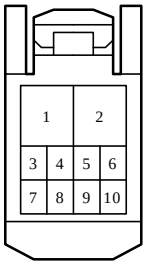
M 3
Black



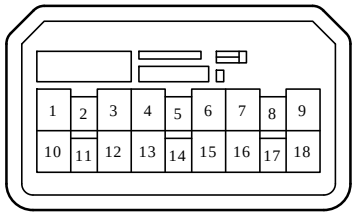
M 10
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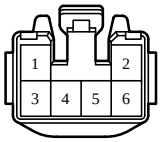
M 11
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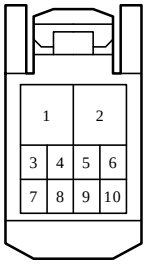
N 2
White



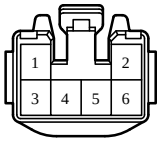
N 3
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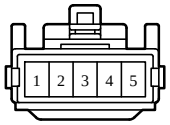
N 12
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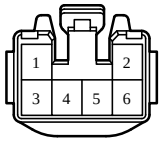
O 3
Black



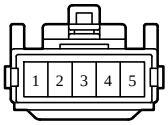
O 5
White



O 9
Black



O 11
White



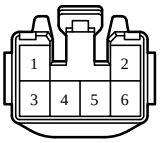
P 5
White



Q 5
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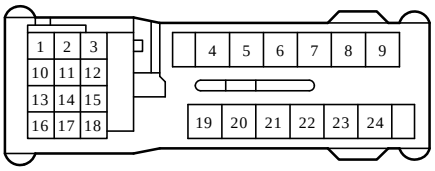
Q 10
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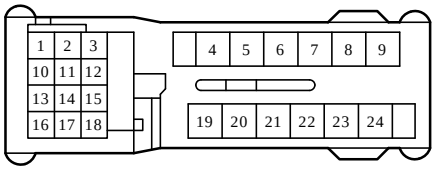
Q 13
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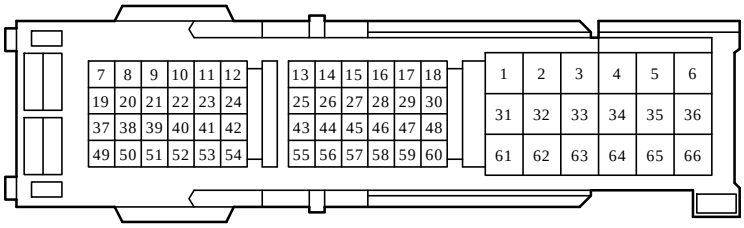
DB
White



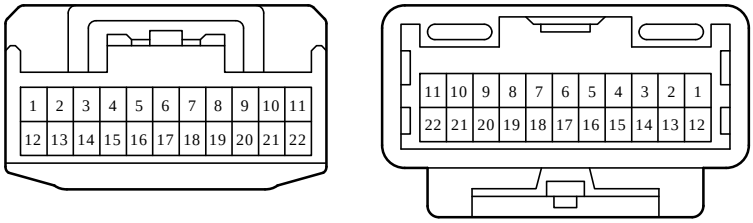
DC
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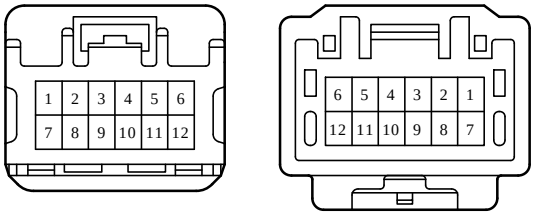
DD
White



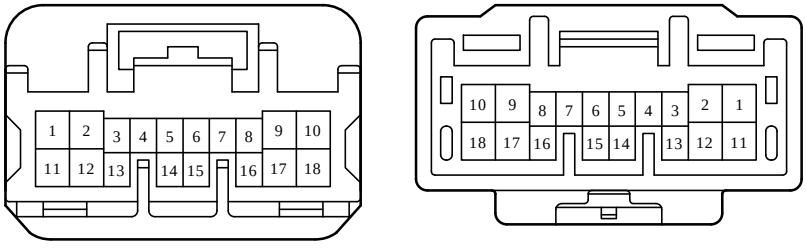
AJ10
Gray



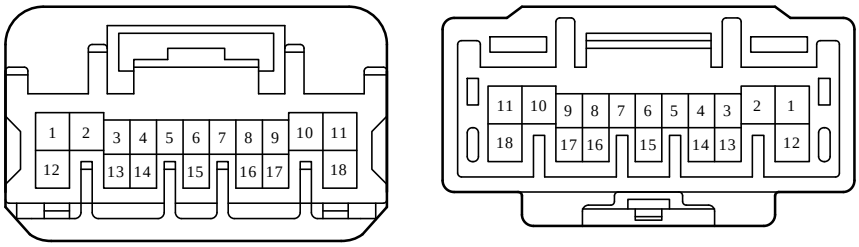
AJ11
Gray



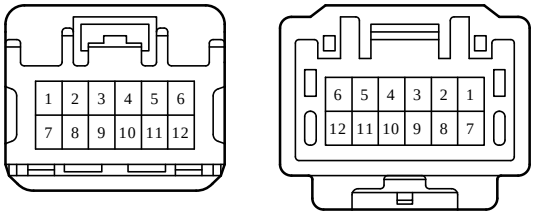
MJ1
Blue



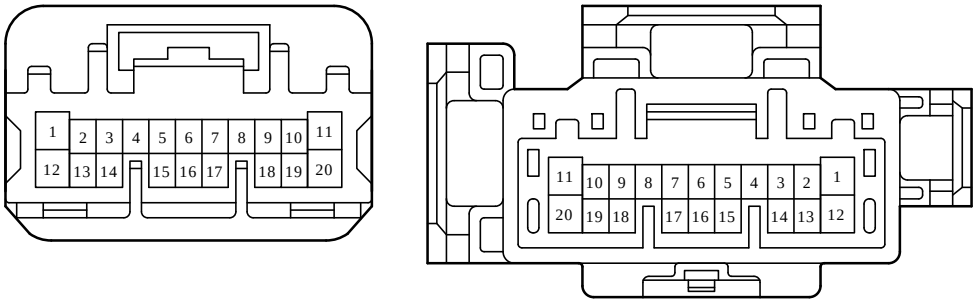
MJ2
Blue



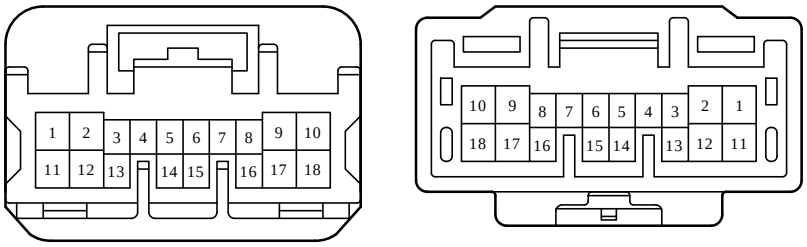
NJ1
Blue



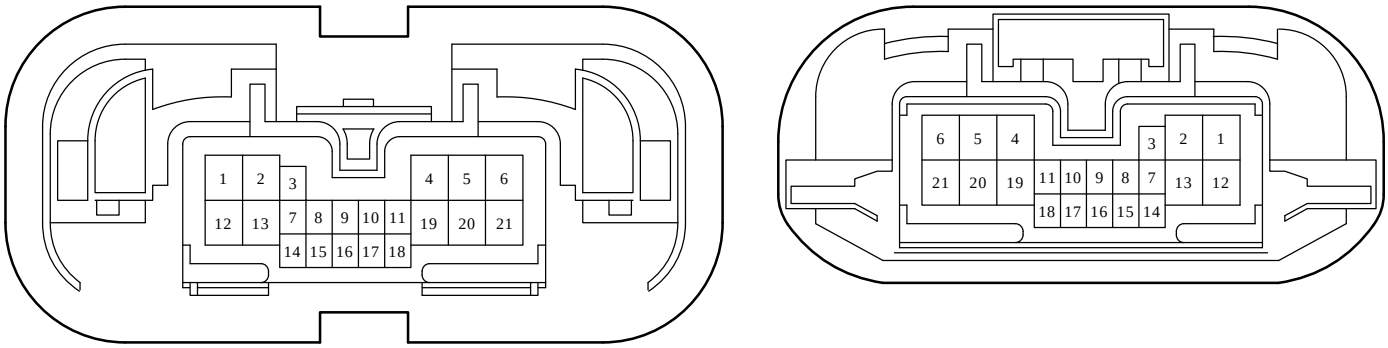
NJ2
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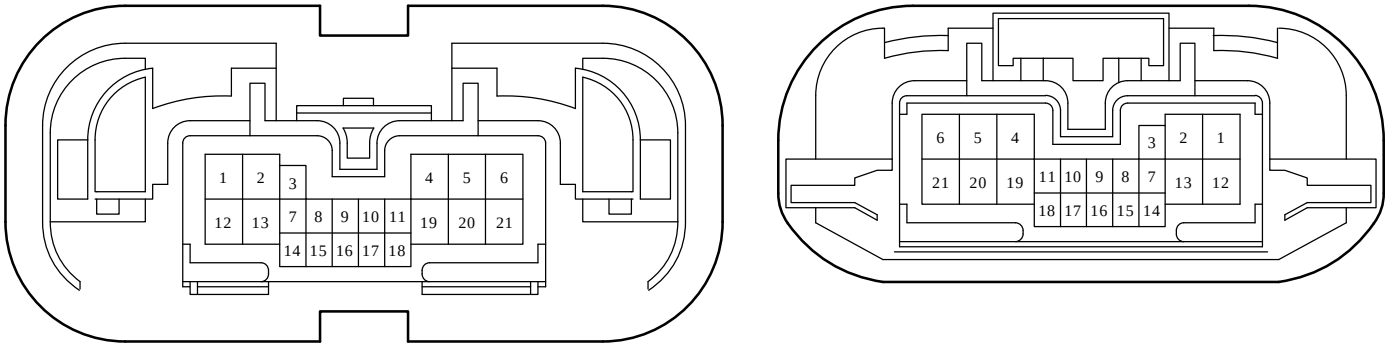
NJ3
Blue



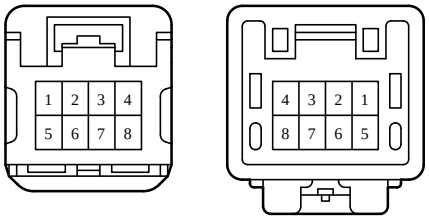
OP1
White



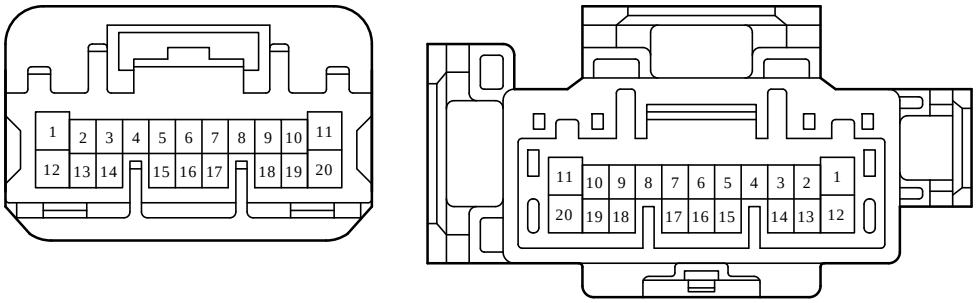
OQ1
White



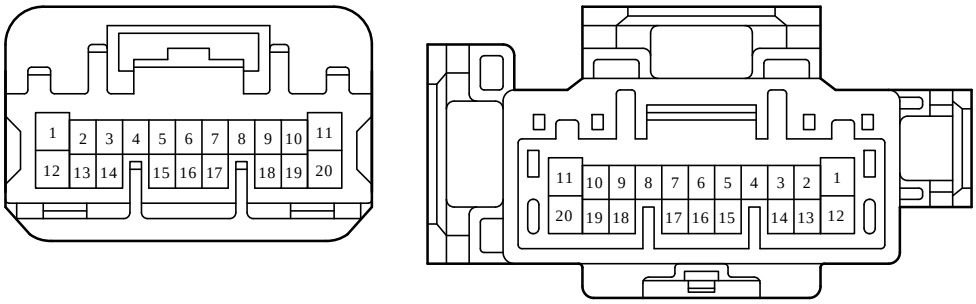
PJ1
Black



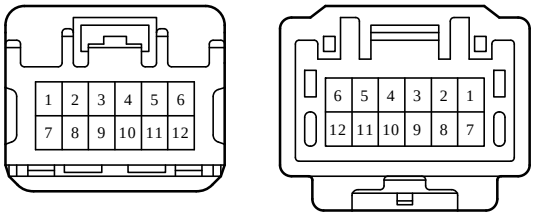
PJ2
White

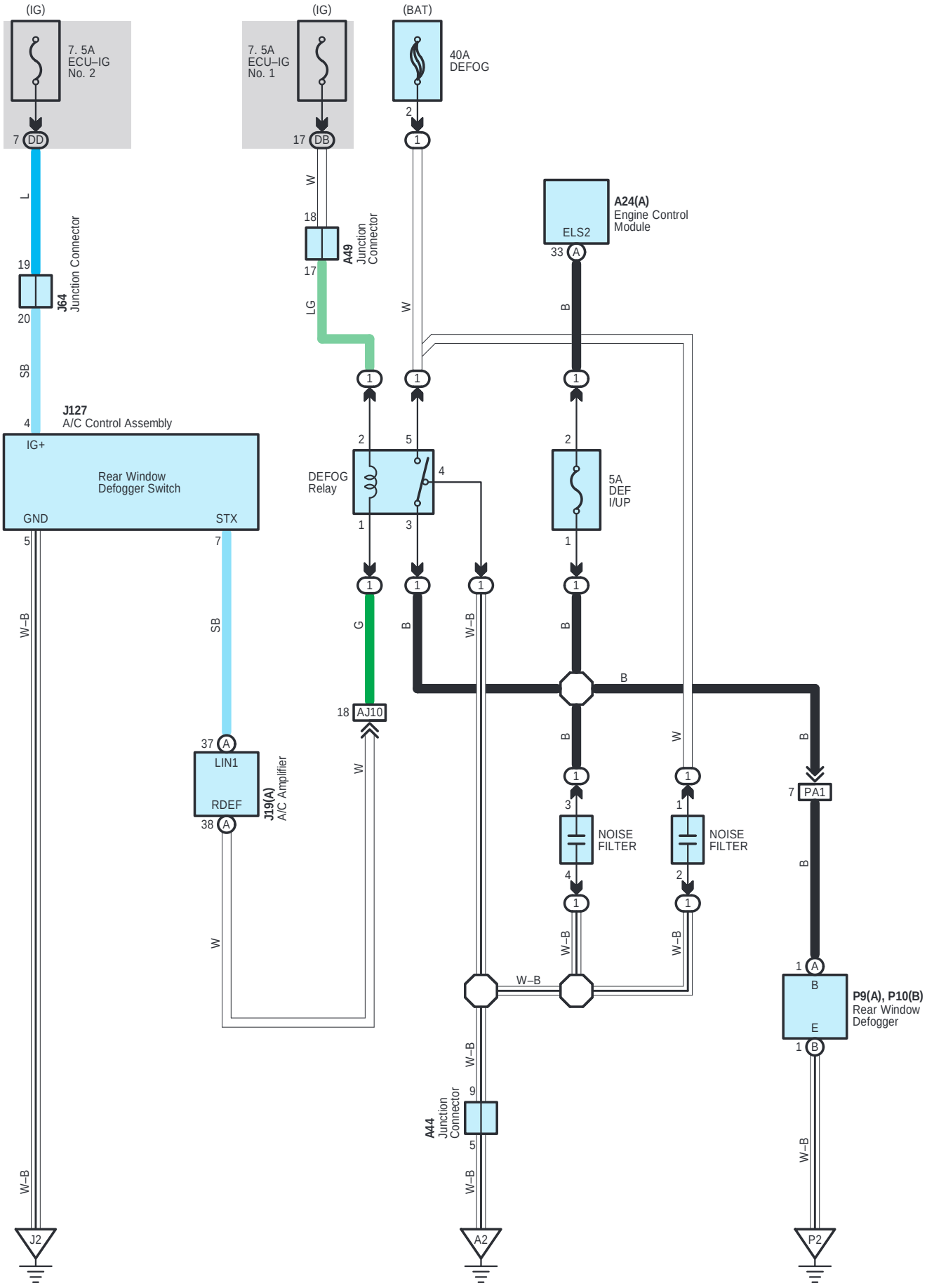


QJ1
White

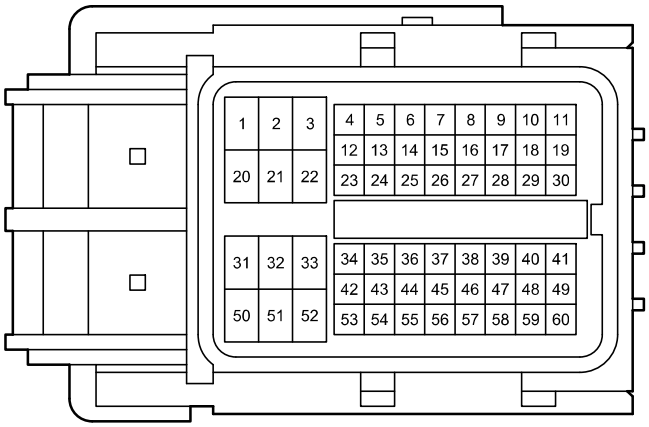


QJ2
Black

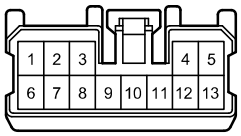



(IG)
7. 5A
ECU–IG
No. 2
7
DD
L
19
J64
Junction Connector
20
SB
4
J127
A/C Control Assembly
IG+
Rear Window
Defogger Switch
GND
STX
5
7
W–B
SB
37
A
LIN1
RDEF
38
A
J19(A)
A/C Amplifier
W
W–B
J2
(IG)
7. 5A
ECU–IG
No. 1
17
DB
W
18
A49
Junction
Connector
17
LG
(BAT)
40A
DEFOG
2
1
W
DEFOG
Relay
2
5
4
1
3
G
18
AJ10
W
B
W–B
A24(A)
Engine Control
Module
ELS2
33
A
B
2
5A
DEF
I/UP
1
B
B
B
W
B
3
NOISE
FILTER
4
2
NOISE
FILTER
1
W–B
W–B
W–B
7
PA1
B
1
A
B
E
1
B
P9(A), P10(B)
Rear Window
Defogger
W–B
A44
Junction
Connector
9
5
W–B
A2
P2

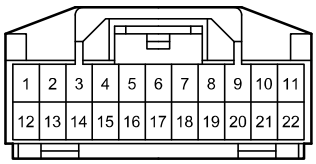
A 24
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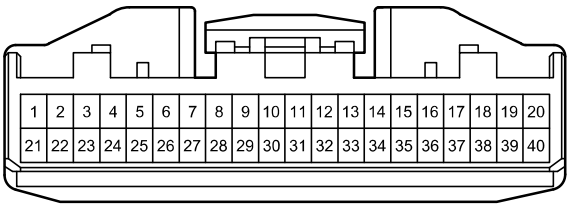
A 44
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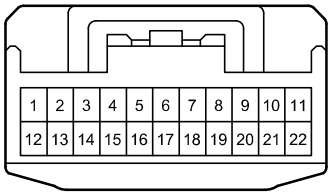
A 49
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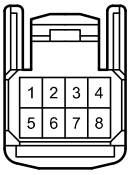
J 19
White



J 64
White



J127
Black



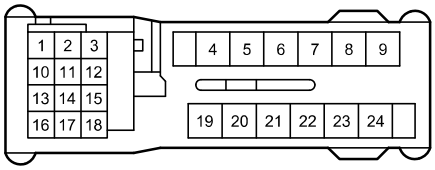
P 9
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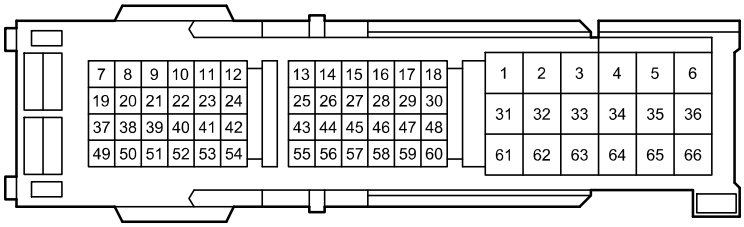
P 10
Black



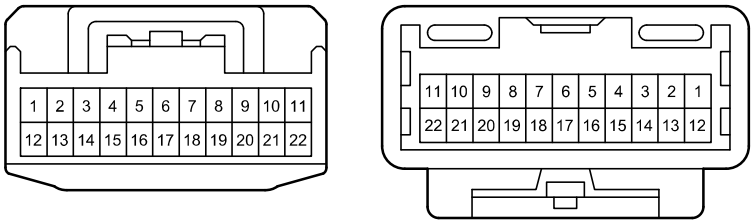
DB
White

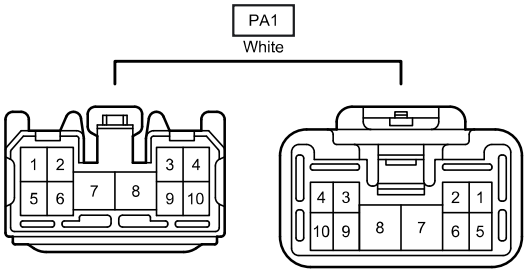


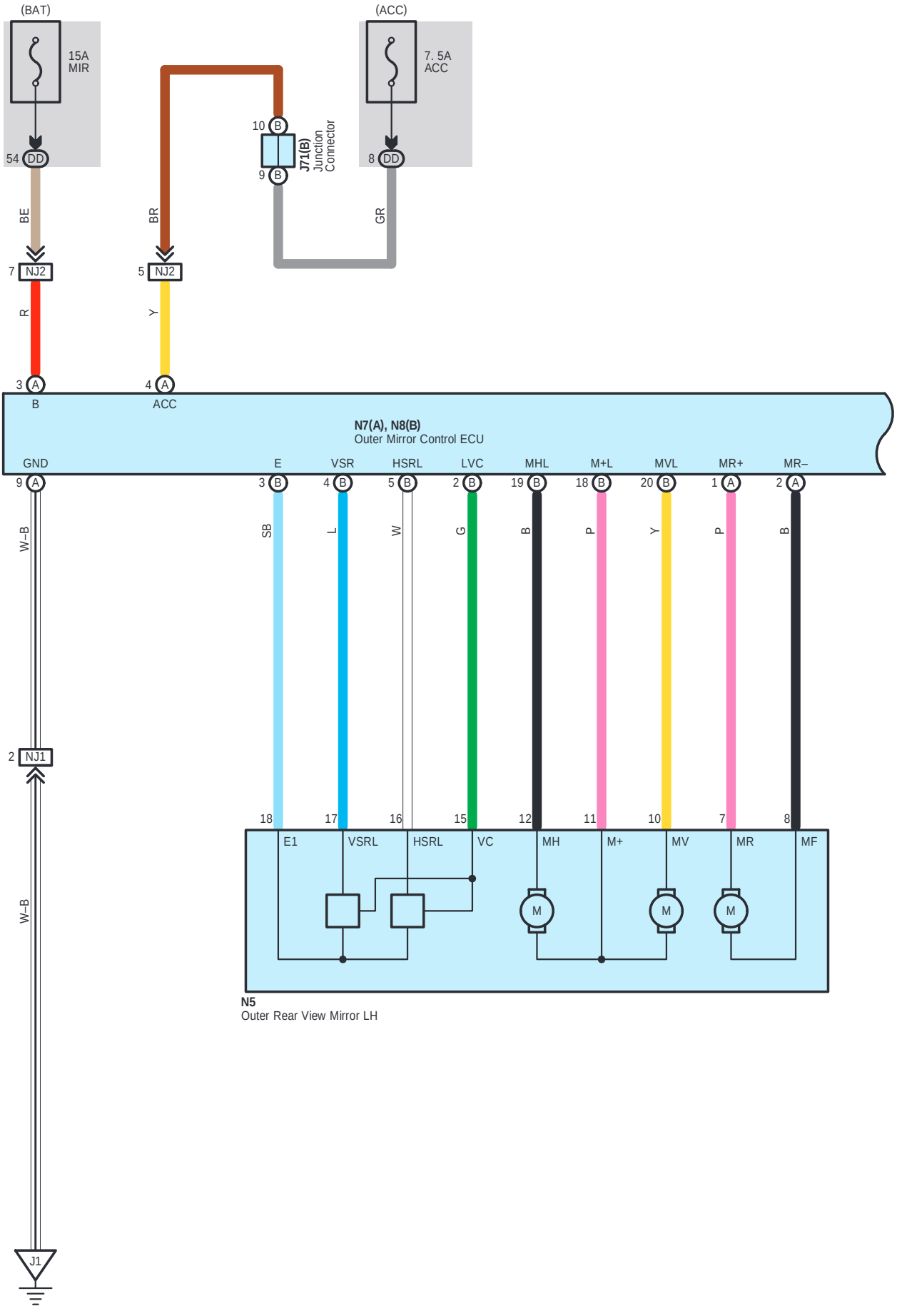
DD
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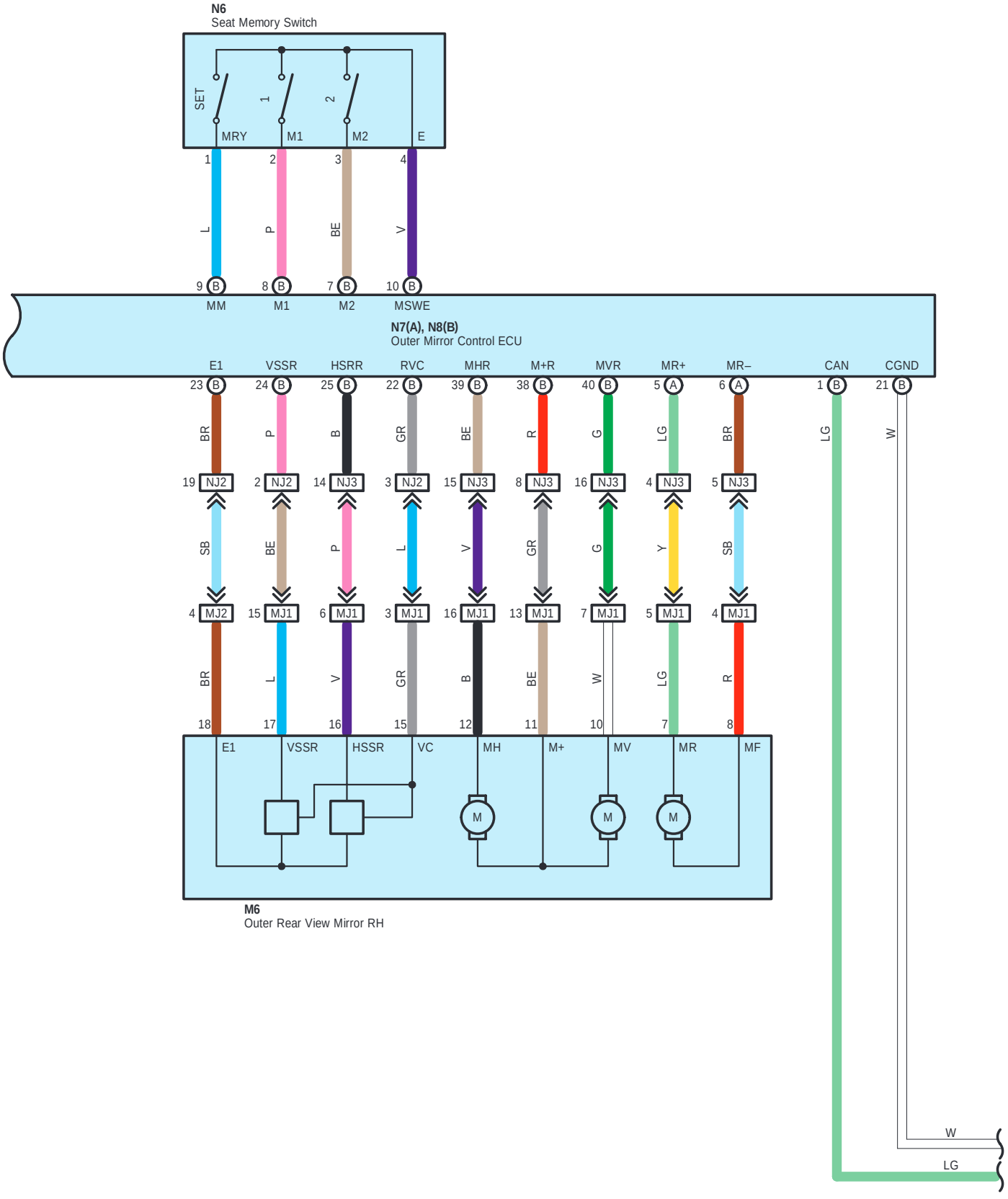


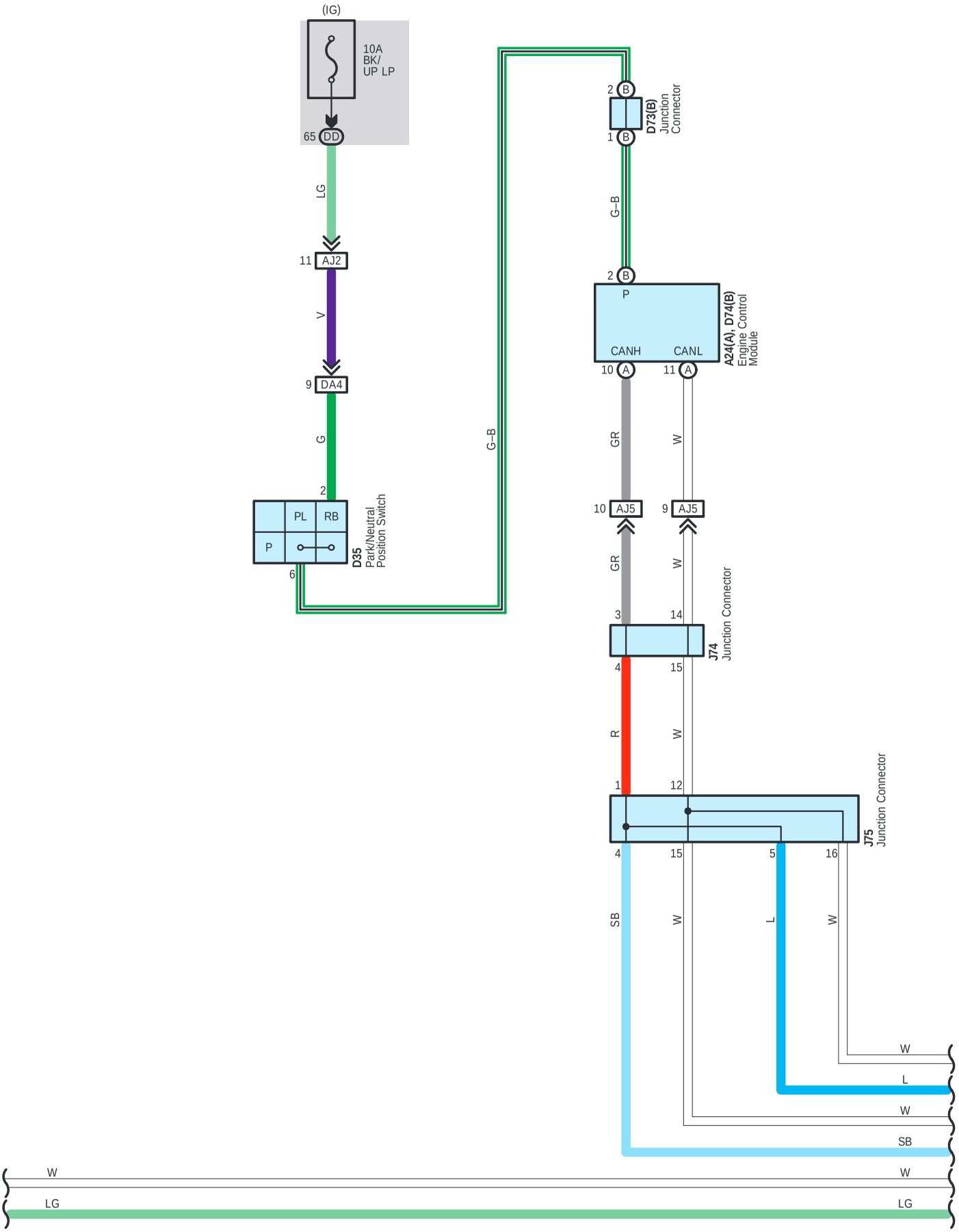
AJ10
Gray

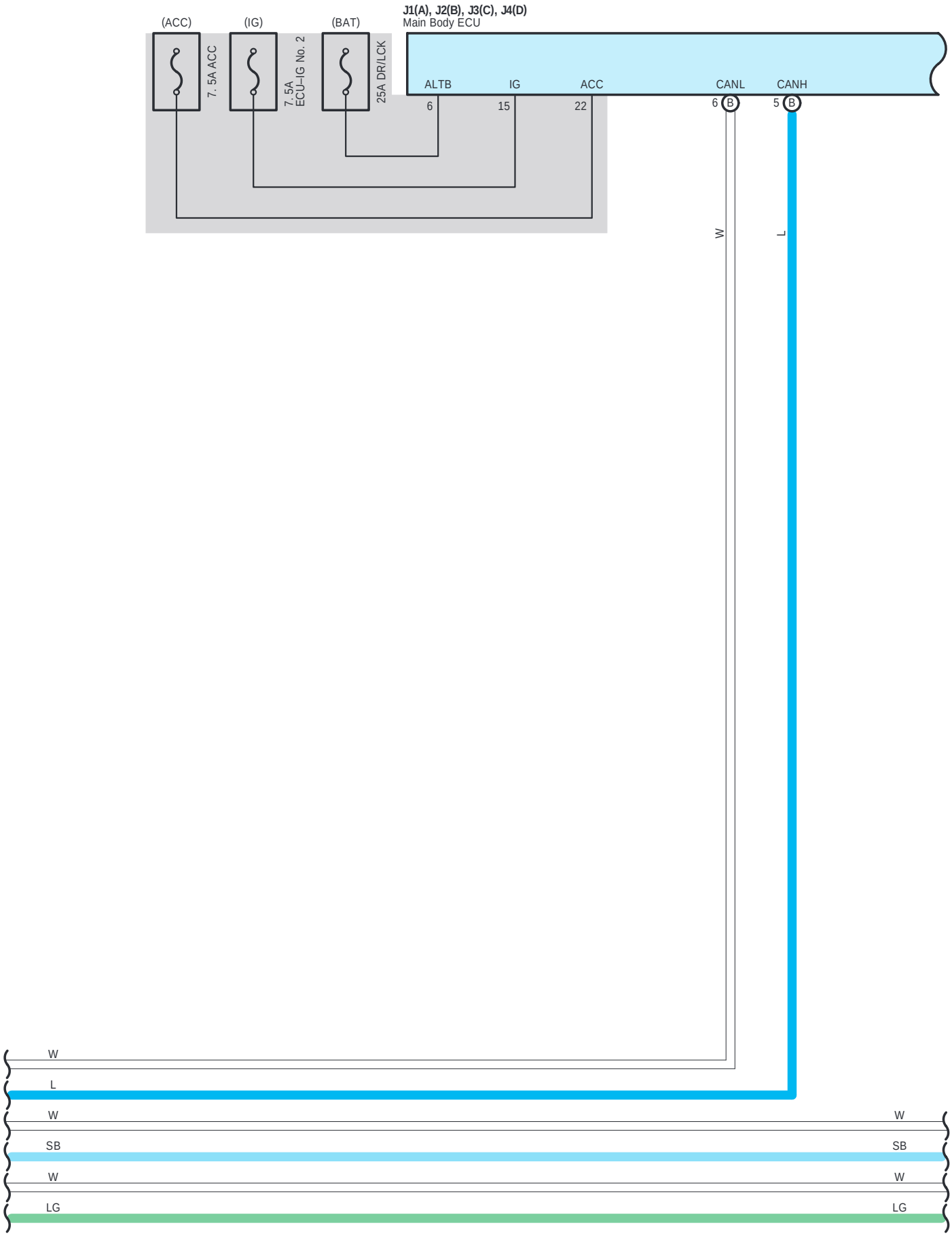


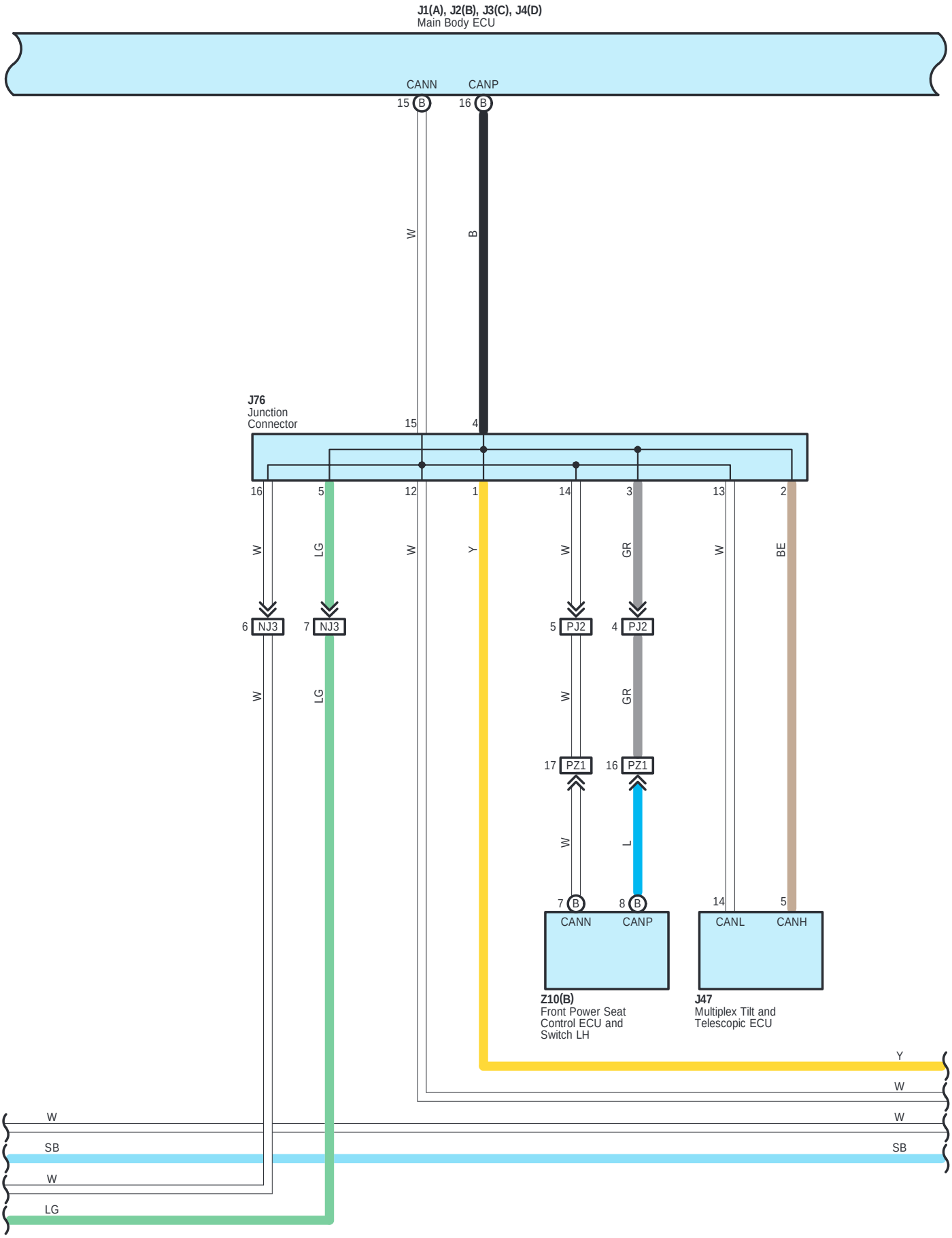

PA1
White
1
2
3
4
5
6
7
8
9
10
4
3
2
1
10
9
8
7
6
5

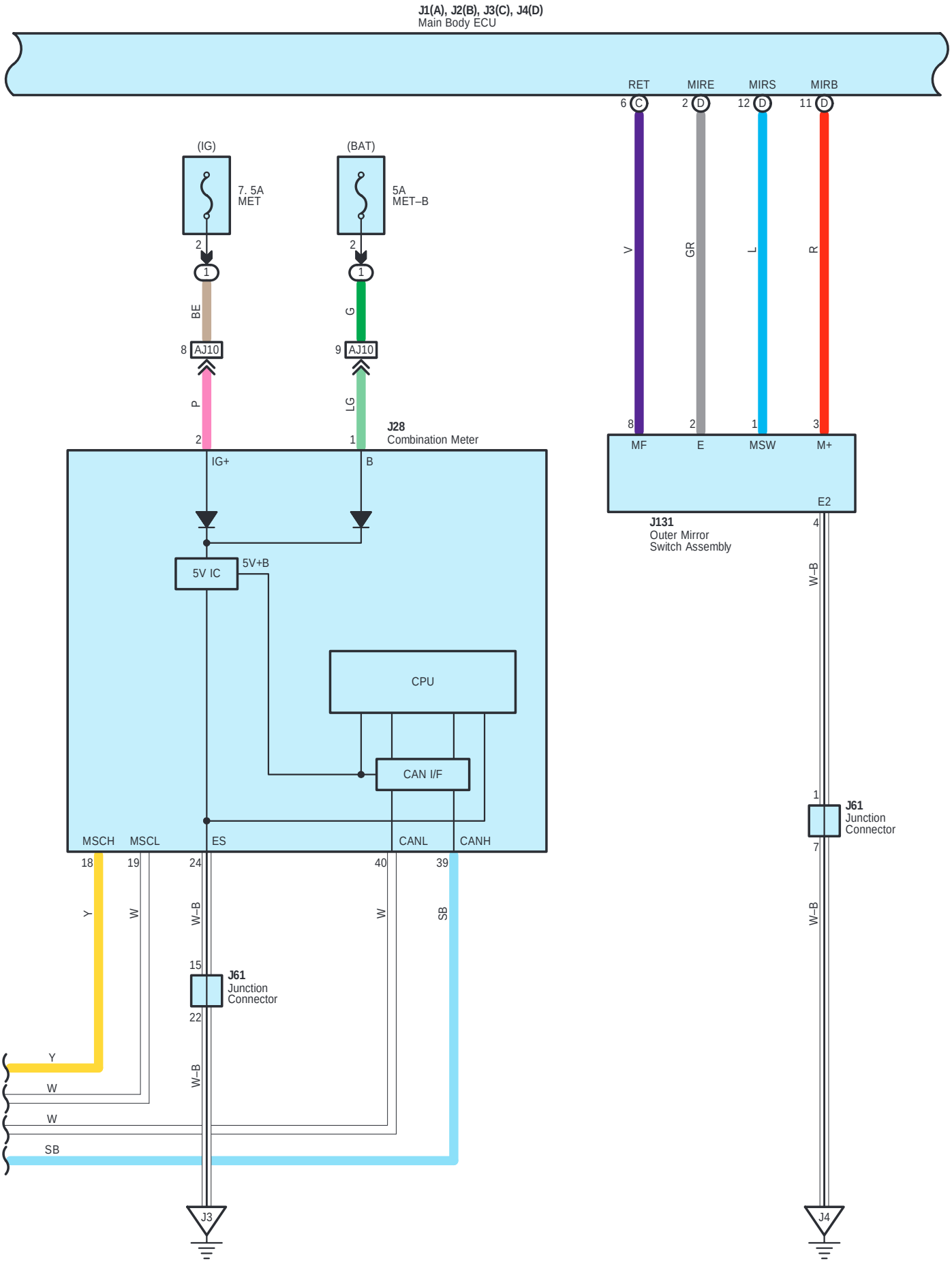

(BAT)
15A
MIR
54 DD
(ACC)
7. 5A
ACC
8 DD
10 B
9 B
J71(B)
Junction
Connector
BE
BR
GR
7 NJ2
5 NJ2
R
Y
3 A
B
4 A
ACC
N7(A), N8(B)
Outer Mirror Control ECU
GND
E
VSR
HSRL
LVC
MHL
M+L
MVL
MR+
MR–
9 A
3 B
4 B
5 B
2 B
19 B
18 B
20 B
1 A
2 A
W–B
SB
L
W
G
B
P
Y
P
B
2 NJ1
W–B
J1
18
17
16
15
12
11
10
7
8
E1
VSRL
HSRL
VC
MH
M+
MV
MR
MF
M
M
M
N5
Outer Rear View Mirror LH

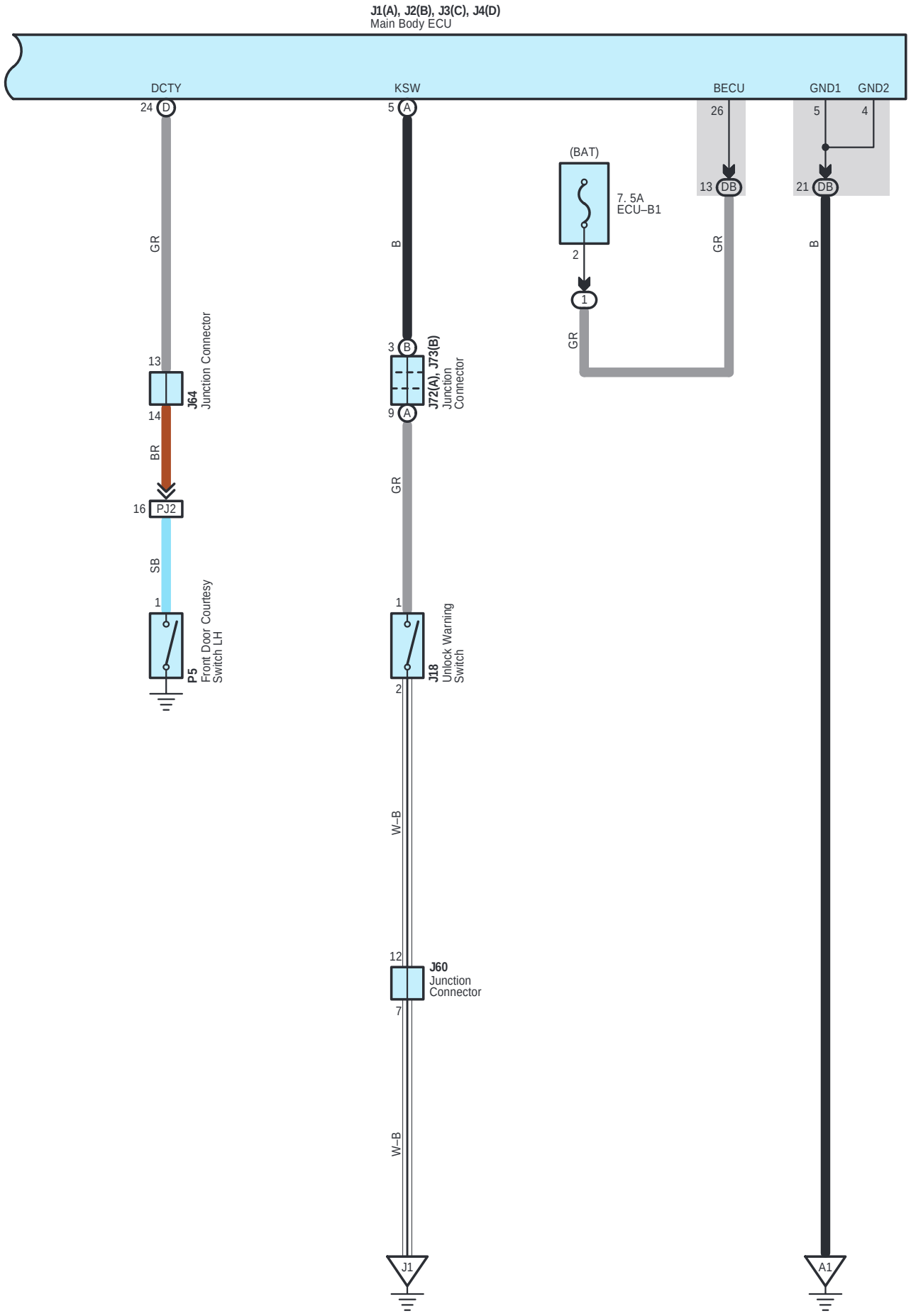

N6
Seat Memory Switch
SET
1
2
MRY
M1
M2
E
1
2
3
4
L
P
BE
V
9 B
8 B
7 B
10 B
MM
M1
M2
MSWE
N7(A), N8(B)
Outer Mirror Control ECU
E1
VSSR
HSRR
RVC
MHR
M+R
MVR
MR+
MR–
CAN
CGND
23 B
24 B
25 B
22 B
39 B
38 B
40 B
5 A
6 A
1 B
21 B
BR
P
B
GR
BE
R
G
LG
BR
LG
W
19 NJ2
2 NJ2
14 NJ3
3 NJ2
15 NJ3
8 NJ3
16 NJ3
4 NJ3
5 NJ3
SB
BE
P
L
V
GR
G
Y
SB
4 MJ2
15 MJ1
6 MJ1
3 MJ1
16 MJ1
13 MJ1
7 MJ1
5 MJ1
4 MJ1
BR
L
V
GR
B
BE
W
LG
R
18
17
16
15
12
11
10
7
8
E1
VSSR
HSSR
VC
MH
M+
MV
MR
MF
M
M
M
M6
Outer Rear View Mirror RH
W
LG


(IG)
10A
BK/
UP LP
65 DD
LG
11 AJ2
V
9 DA4
G
2
PL
RB
P
6
D35
Park/Neutral
Position Switch
G–B
2 B
1 B
D73(B)
Junction
Connector
G–B
2 B
P
CANH
CANL
10 A
11 A
A24(A), D74(B)
Engine Control
Module
GR
W
10 AJ5
9 AJ5
GR
W
3
14
J74
Junction Connector
4
15
R
W
1
12
J75
Junction Connector
4
15
5
16
SB
W
L
W
W
L
W
SB
W
LG
W
LG

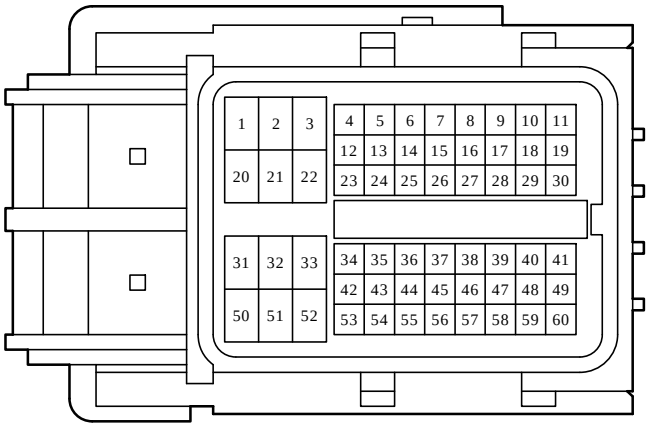

(ACC)
(IG)
(BAT)
7. 5A ACC
7. 5A ECU–IG No. 2
25A DR/LCK
J1(A), J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
CANL
CANH
6
15
22
6 B
5 B
W
L
W
L
W
W
SB
SB
W
W
LG
LG


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
CANN
CANP
15 B
16 B
W
B
J76
Junction
Connector
15
4
16
5
12
1
14
3
13
2
W
LG
W
Y
W
GR
W
BE
6 NJ3
7 NJ3
5 PJ2
4 PJ2
W
LG
W
GR
17 PZ1
16 PZ1
W
L
7 B
8 B
CANN
CANP
14
5
CANL
CANH
Z10(B)
Front Power Seat
Control ECU and
Switch LH
J47
Multiplex Tilt and
Telescopic ECU
Y
W
W
SB
W
LG
W
SB

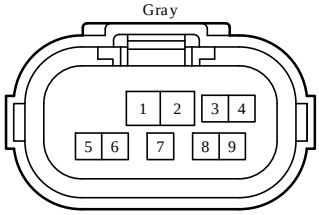

J1(A), J2(B), J3(C), J4(D)
Main Body ECU
RET
MIRE
MIRS
MIRB
6 C
2 D
12 D
11 D
V
GR
L
R
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8 AJ10
9 AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
5V IC
5V+B
CPU
CAN I/F
MSCH
MSCL
ES
CANL
CANH
18
19
24
40
39
Y
W
W–B
W
SB
15
J61
Junction
Connector
22
W–B
Y
W
W
SB
J3
8
2
1
3
MF
E
MSW
M+
E2
J131
Outer Mirror
Switch Assembly
4
W–B
1
J61
Junction
Connector
7
W–B
J4


J1(A), J2(B), J3(C), J4(D)
Main Body ECU
DCTY
KSW
BECU
GND1
GND2
24 D
5 A
26
5
4
(BAT)
7. 5A
ECU–B1
13 DB
21 DB
2
1
GR
B
GR
B
13
14
J64
Junction Connector
3 B
9 A
J72(A), J73(B)
Junction
Connector
BR
16 PJ2
GR
SB
1
1
P5
Front Door Courtesy
Switch LH
J18
Unlock Warning
Switch
2
W–B
12
J60
Junction
Connector
7
W–B
J1
A1

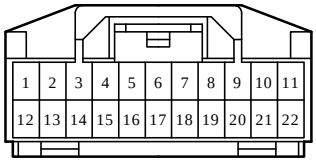
A 24
Black



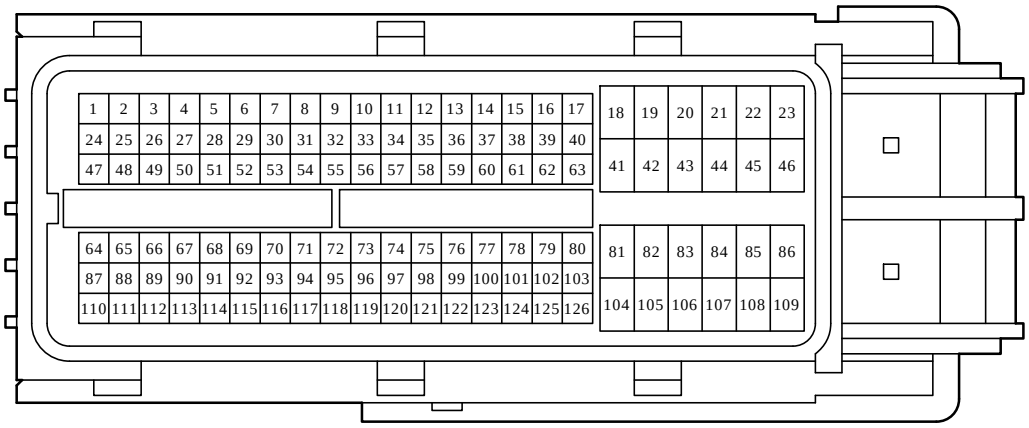
D 35
Gray



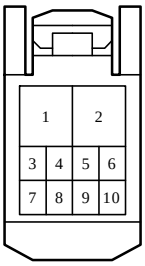
D 73
Blue



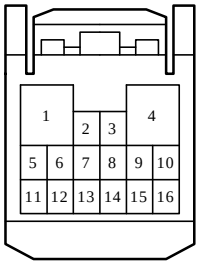
D 74
Black



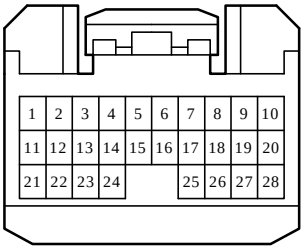
J 1
White



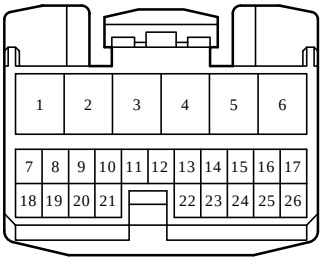
J 2
White



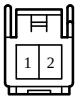
J 3
White



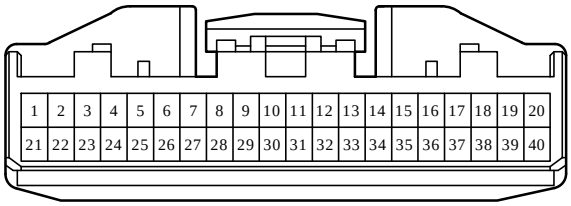
J 4
White



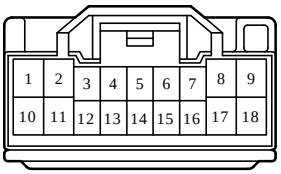
J 18
White



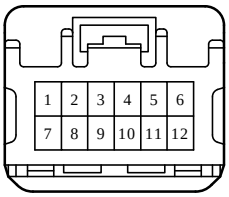
J 28
Black



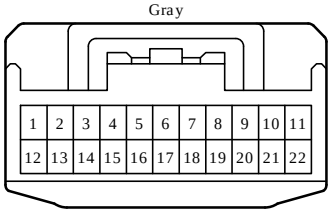
J 47
White



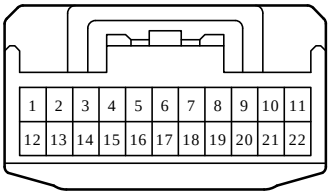
J 60
White



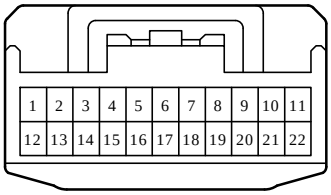
J 61
Gray



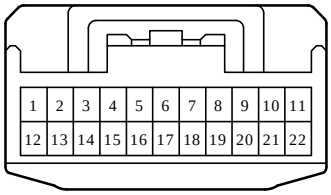
J 64
White



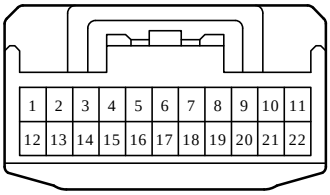
J 71
White



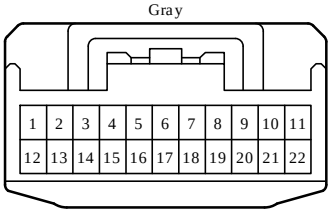
J 72
Black



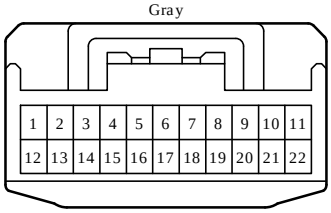
J 73
Black



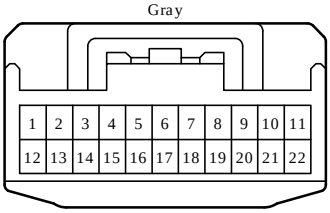
J 74
Gray



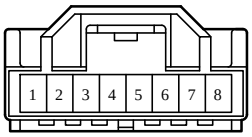
J 75
Gray



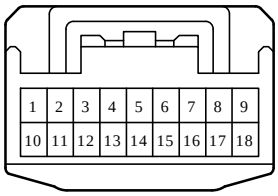
J 76
Gray



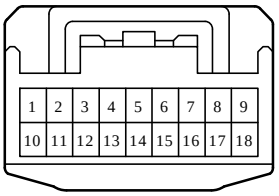
J131
White



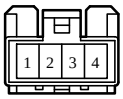
M 6
White



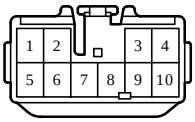
N 5
White



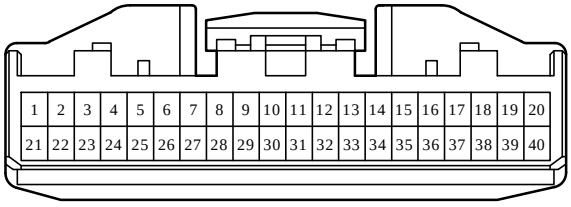
N 6
White



N 7
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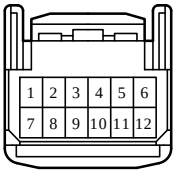
N 8
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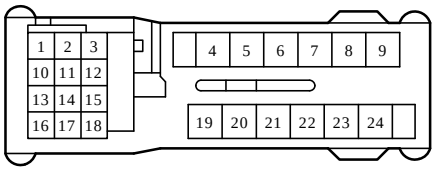
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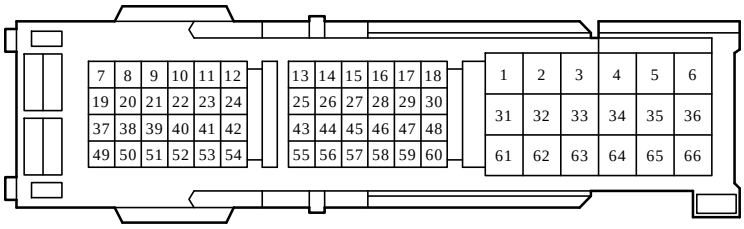
Z 10
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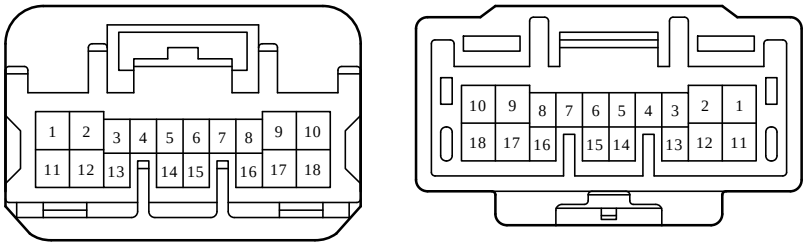
DB
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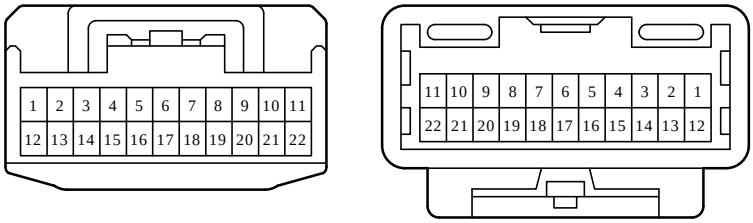
DD
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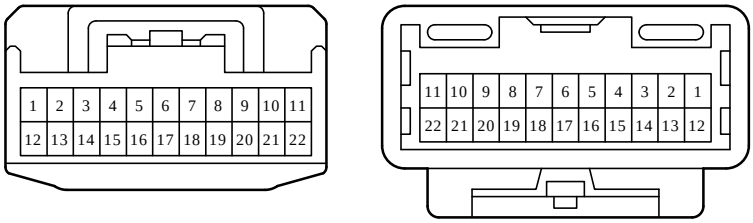
AJ2
Gray



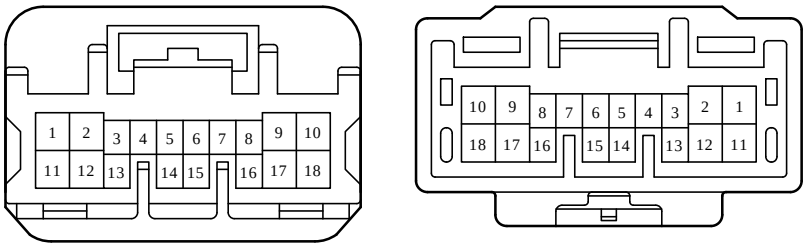
AJ5
Gray



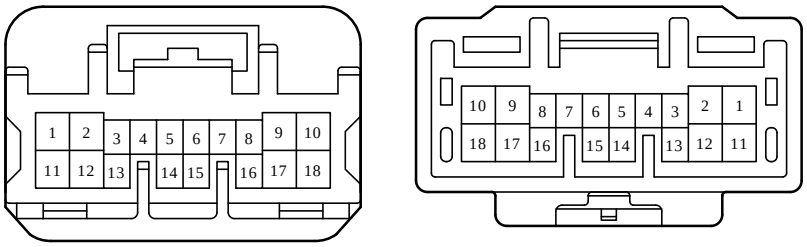
AJ10
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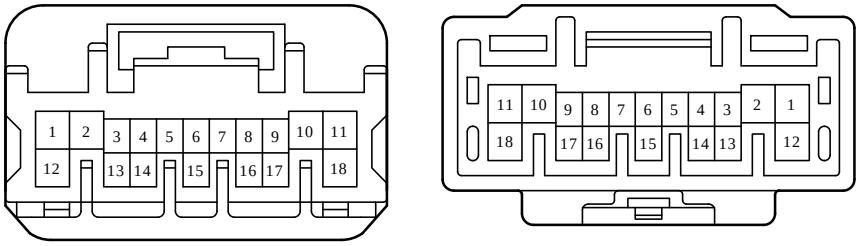
DA4
Gray



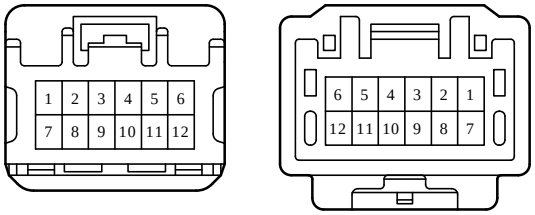
MJ1
Blue



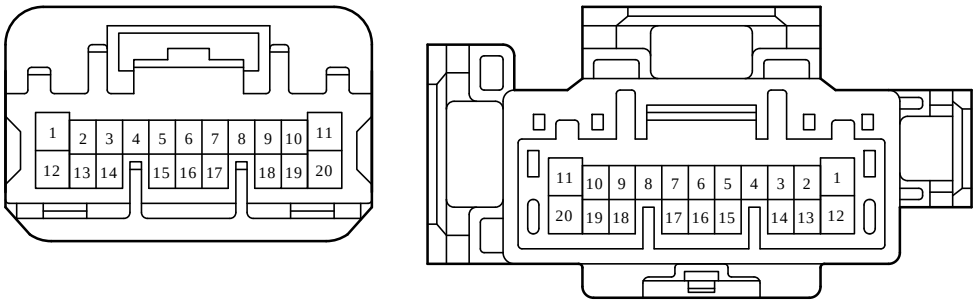
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Blue



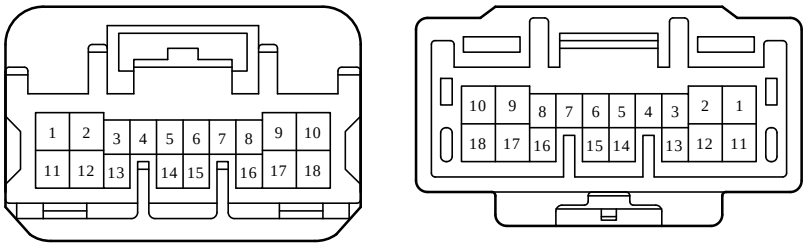
NJ1
Blue



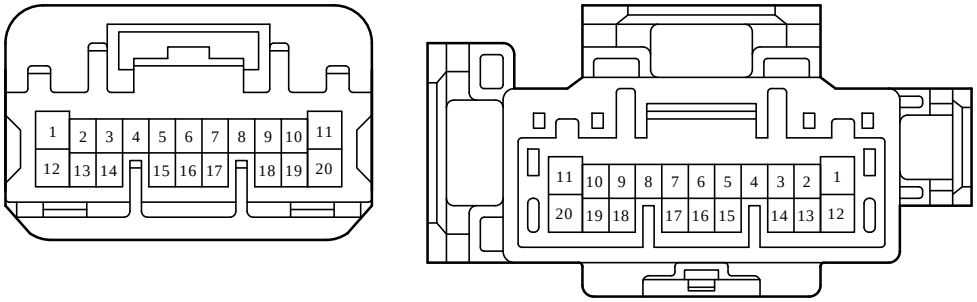
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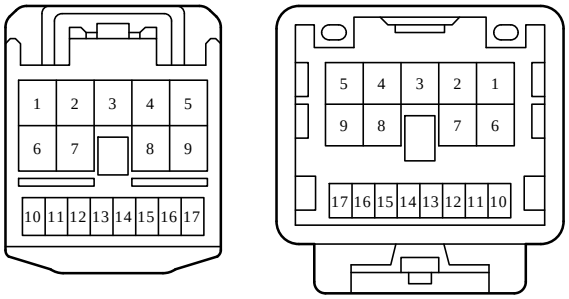
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Blue

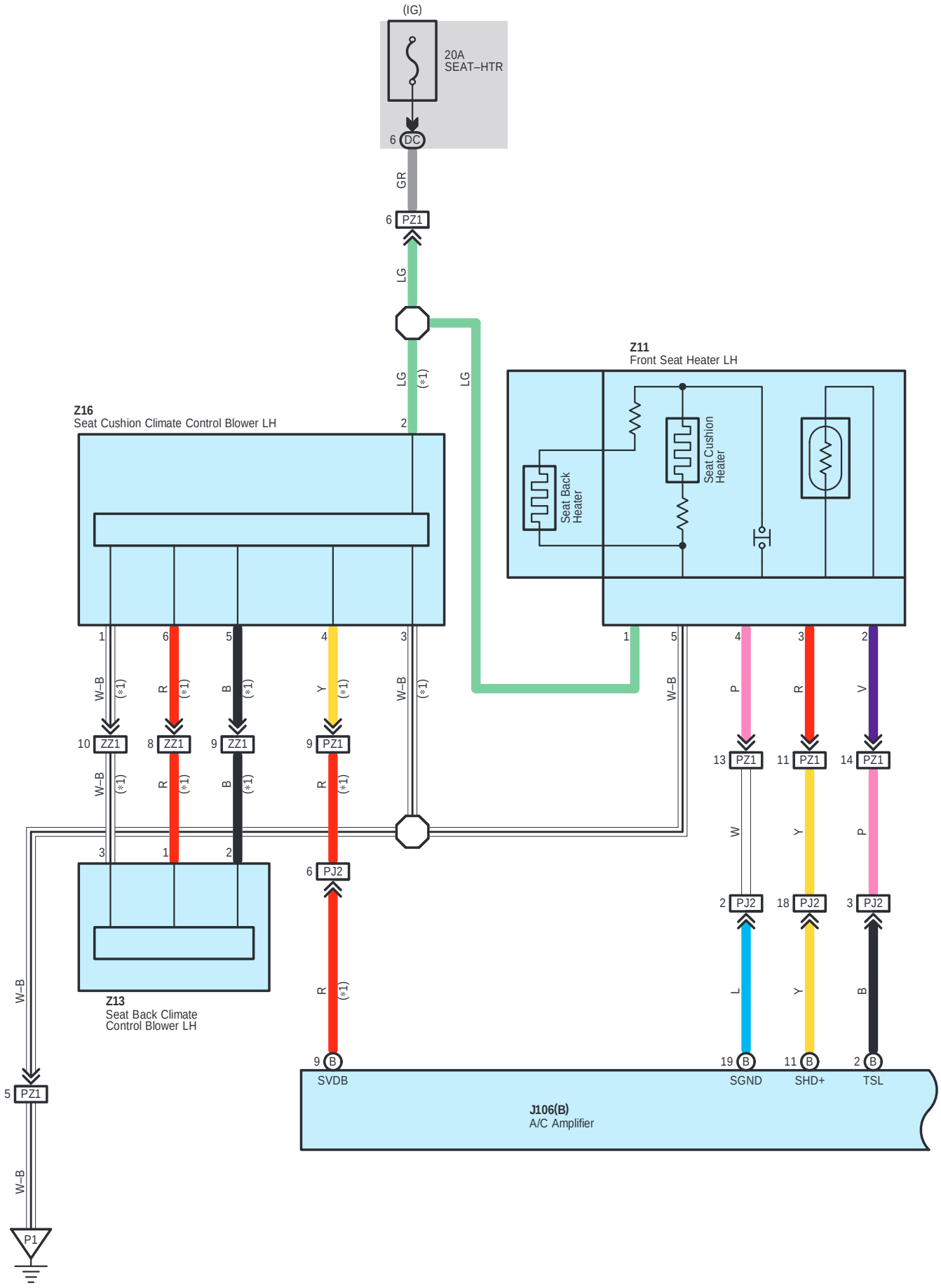


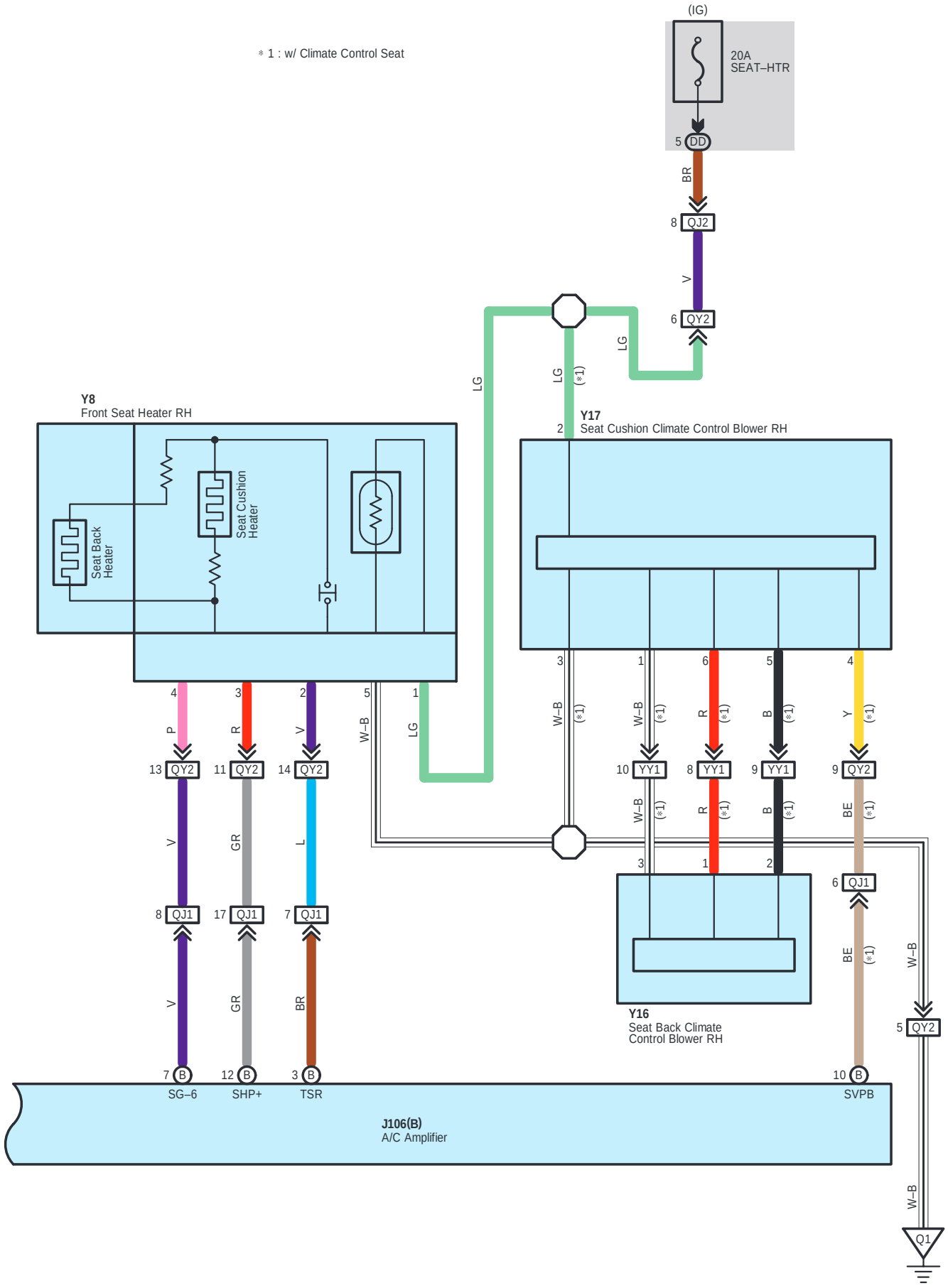
PJ2
White



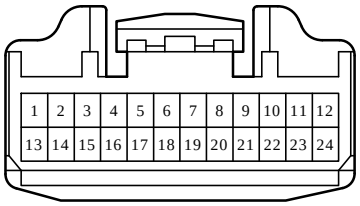
PZ1
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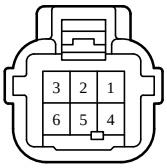

(IG)
20A
SEAT–HTR
6 DC
GR
6 PZ1
LG
LG (*1)
LG
2
Z16
Seat Cushion Climate Control Blower LH
Z11
Front Seat Heater LH
Seat Back Heater
Seat Cushion Heater
1 W–B (*1) 10 ZZ1
6 R (*1) 8 ZZ1
5 B (*1) 9 ZZ1
4 Y (*1) 9 PZ1
3 W–B (*1)
1 W–B
5 W–B
4 P 13 PZ1
3 R 11 PZ1
2 V 14 PZ1
W–B (*1) 10 ZZ1
R (*1) 8 ZZ1
B (*1) 9 ZZ1
R (*1) 9 PZ1
3
1
2
6 PJ2
R (*1)
9 B
SVDB
W 2 PJ2
Y 18 PJ2
P 3 PJ2
L 19 B
SGND
Y 11 B
SHD+
B 2 B
TSL
J106(B)
A/C Amplifier
Z13
Seat Back Climate Control Blower LH
W–B
5 PZ1
W–B
P1


(IG)
20A
SEAT–HTR
5 DD
BR
8 QJ2
V
6 QY2
LG
LG
(*1)
LG
* 1 : w/ Climate Control Seat
Y8
Front Seat Heater RH
Seat Back Heater
Seat Cushion Heater
Y17
2
Seat Cushion Climate Control Blower RH
3 W–B (*1)
1 W–B (*1)
6 R (*1)
5 B (*1)
4 Y (*1)
10 YY1
8 YY1
9 YY1
9 QY2
W–B (*1)
R (*1)
B (*1)
BE (*1)
3
1
2
6 QJ1
BE (*1)
W–B
5 QY2
Y16
Seat Back Climate Control Blower RH
4 P
3 R
2 V
5 W–B
1 LG
13 QY2
11 QY2
14 QY2
V
GR
L
8 QJ1
17 QJ1
7 QJ1
V
GR
BR
7 B
12 B
3 B
SG–6
SHP+
TSR
10 B
SVPB
J106(B)
A/C Amplifier
W–B
Q1

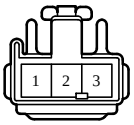
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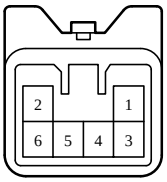
Y 8
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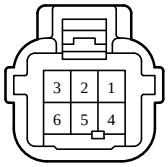
Y 16
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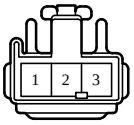
Y 17
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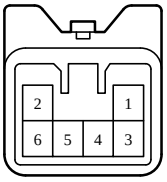
Z 11
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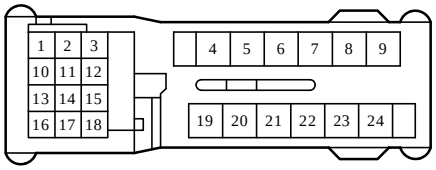
Z 13
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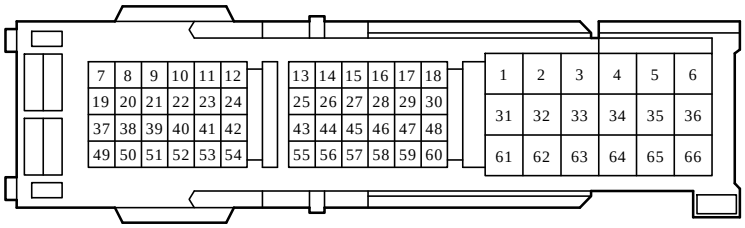
Z 16
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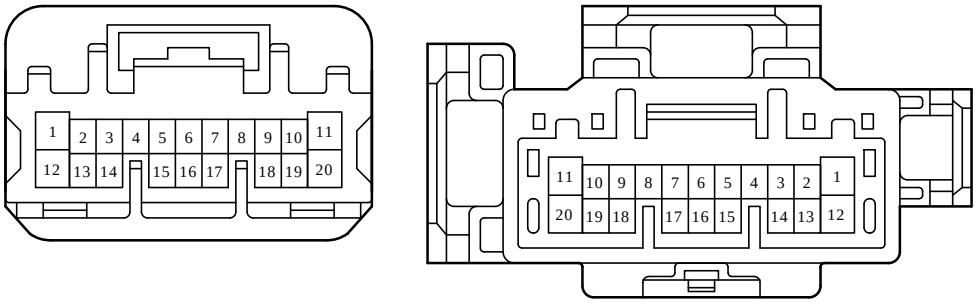
DC
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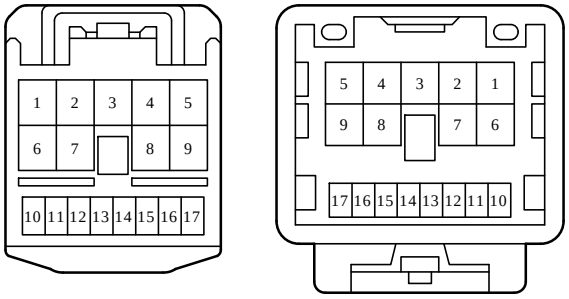
DD
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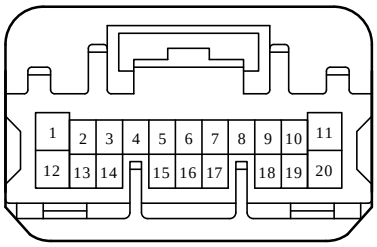
PJ2
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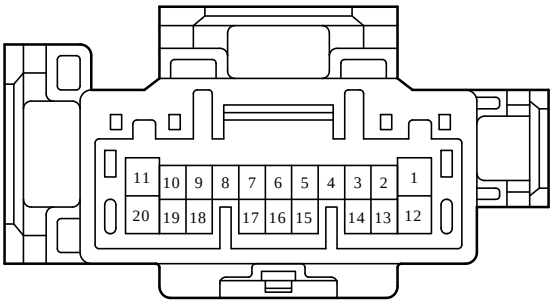


PZ1
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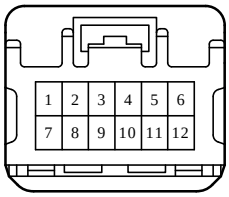


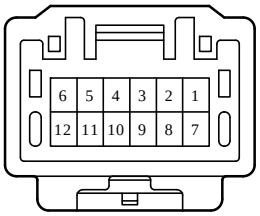
QJ1
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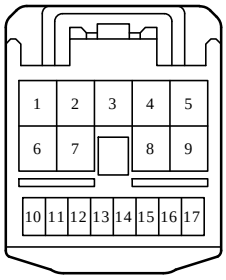


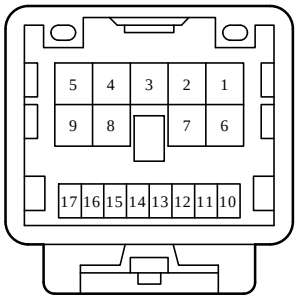
QJ2
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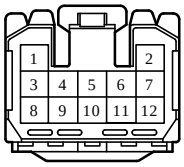


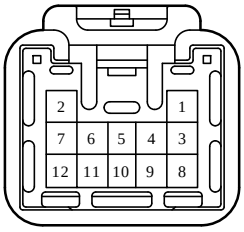
QY2
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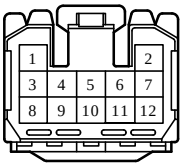


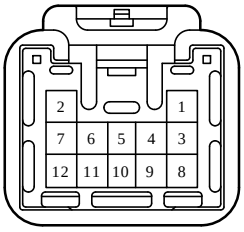
YY1
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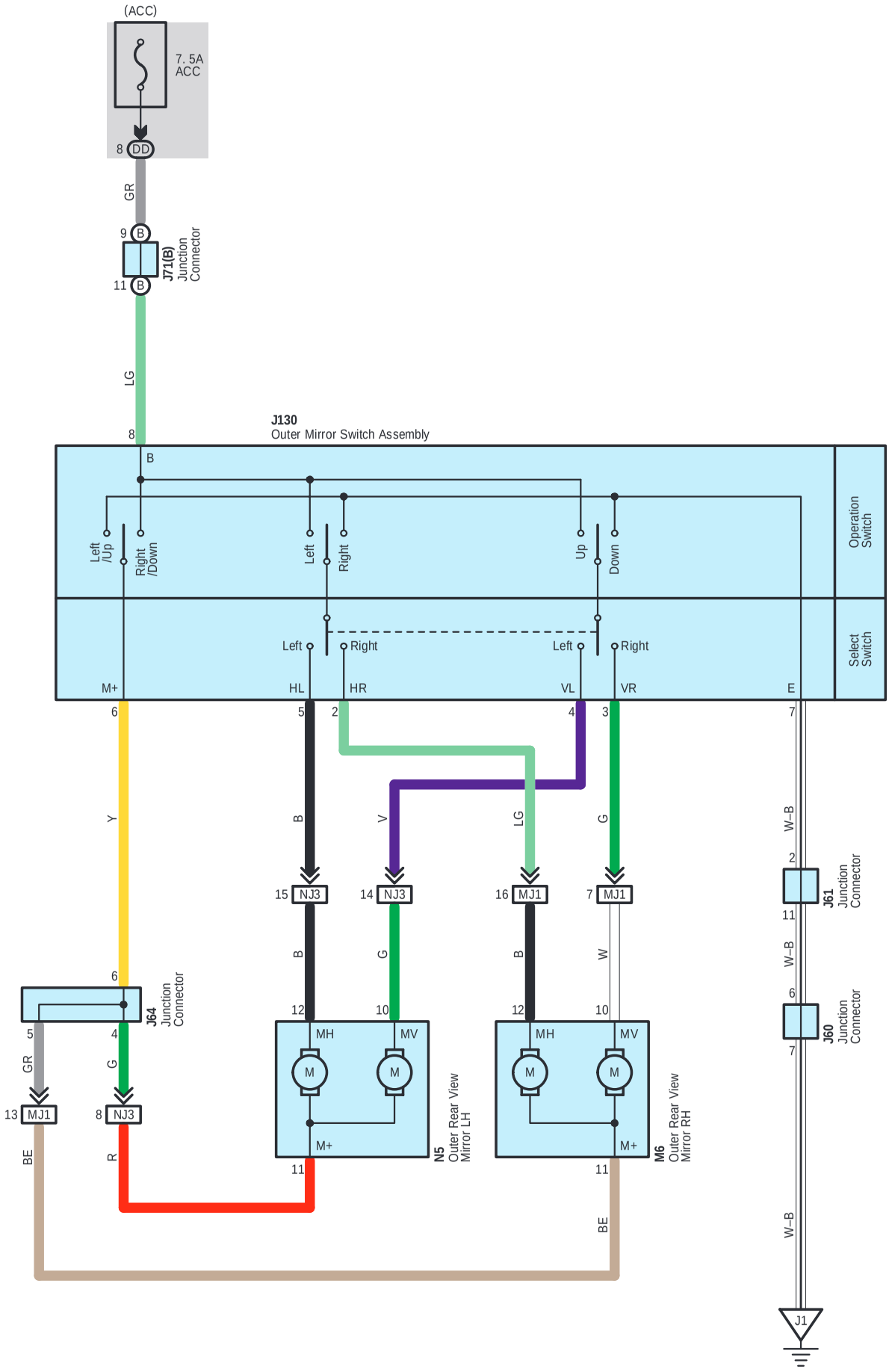




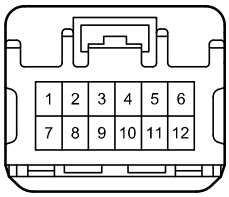
ZZ1
White



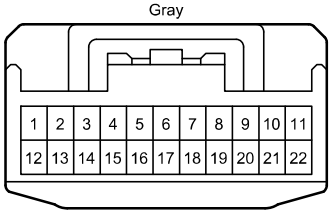



(ACC)
7. 5A
ACC
8 DD
GR
9 B
J71(B)
Junction
Connector
11 B
LG
8
J130
Outer Mirror Switch Assembly
B
Left
/Up
Right
/Down
Left
Right
Up
Down
Operation
Switch
Left
Right
Left
Right
Select
Switch
M+
HL
HR
VL
VR
E
6
5
2
4
3
7
Y
B
V
LG
G
W–B
15 NJ3
14 NJ3
16 MJ1
7 MJ1
2
J61
Junction
Connector
11
W–B
6
J60
Junction
Connector
7
6
J64
Junction
Connector
5
4
GR
G
13 MJ1
8 NJ3
BE
R
B
G
B
W
12
10
12
10
MH
MV
MH
MV
M
M
M
M
M+
M+
11
11
N5
Outer Rear View
Mirror LH
M6
Outer Rear View
Mirror RH
BE
W–B
J1

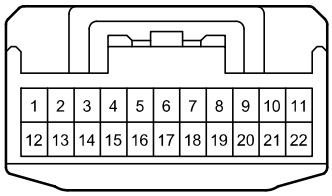
J 60
White



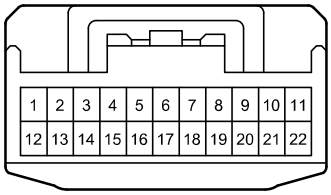
J 61
Gray



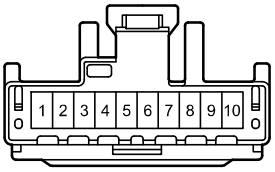
J 64
White



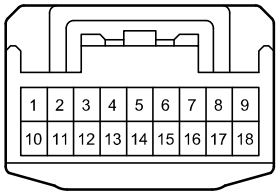
J 71
White



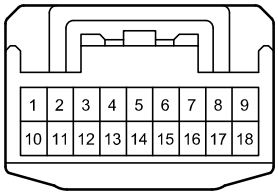
J130
White



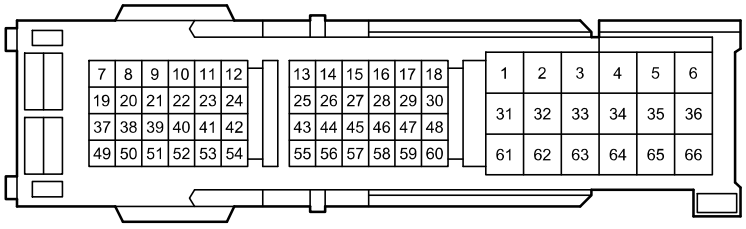
M 6
White



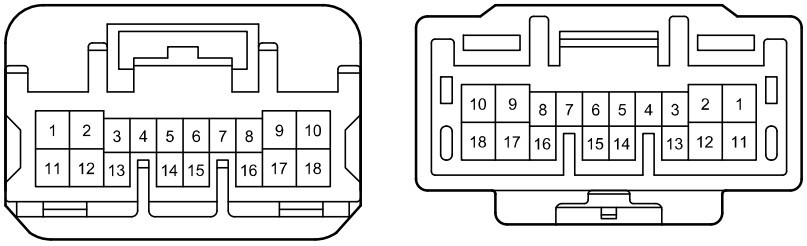
N 5
White



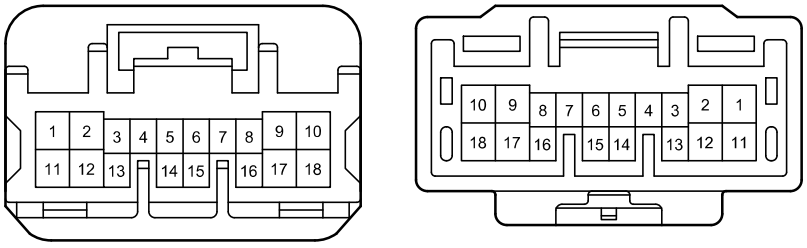
DD
White

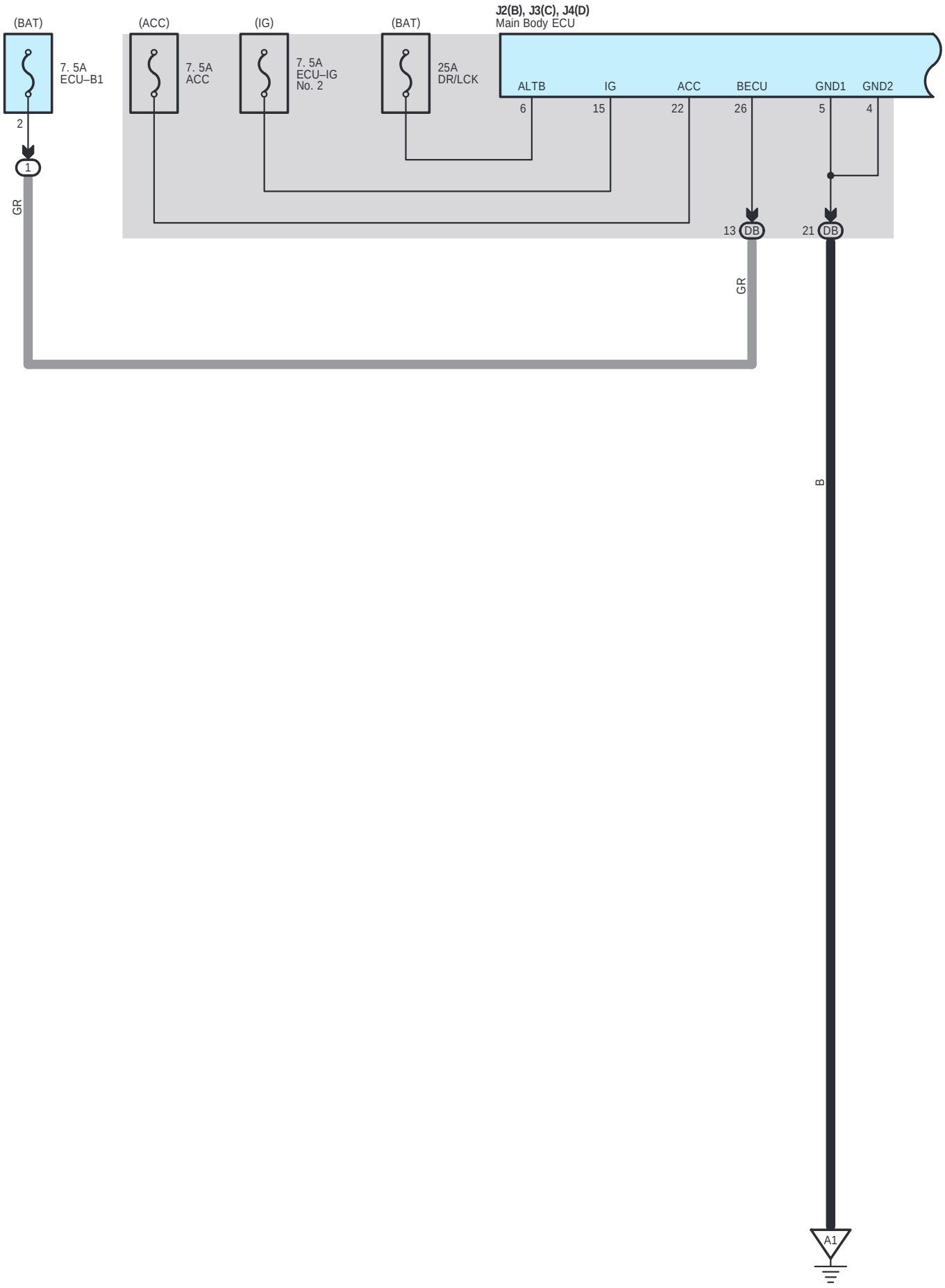


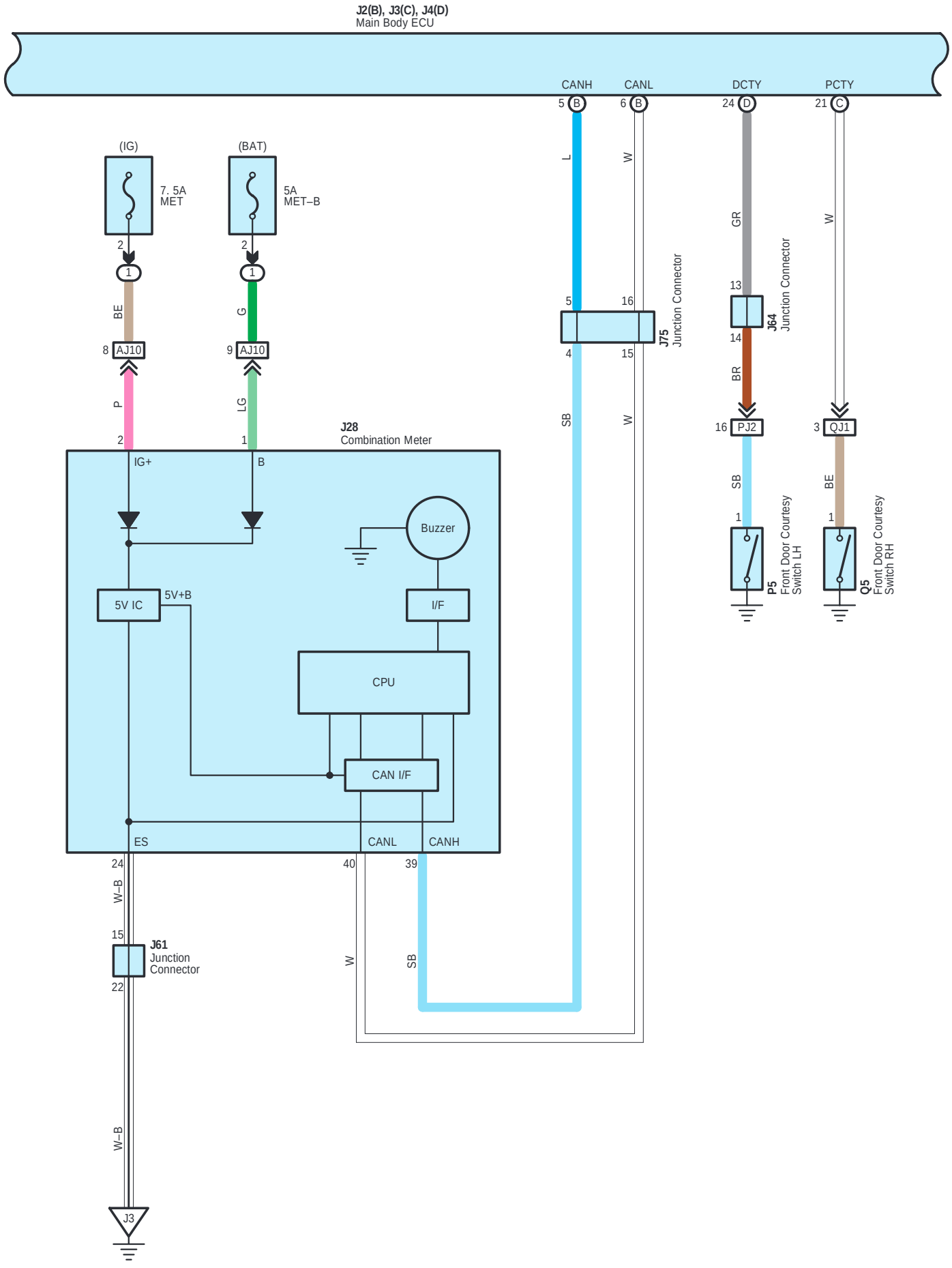
MJ1
Blue

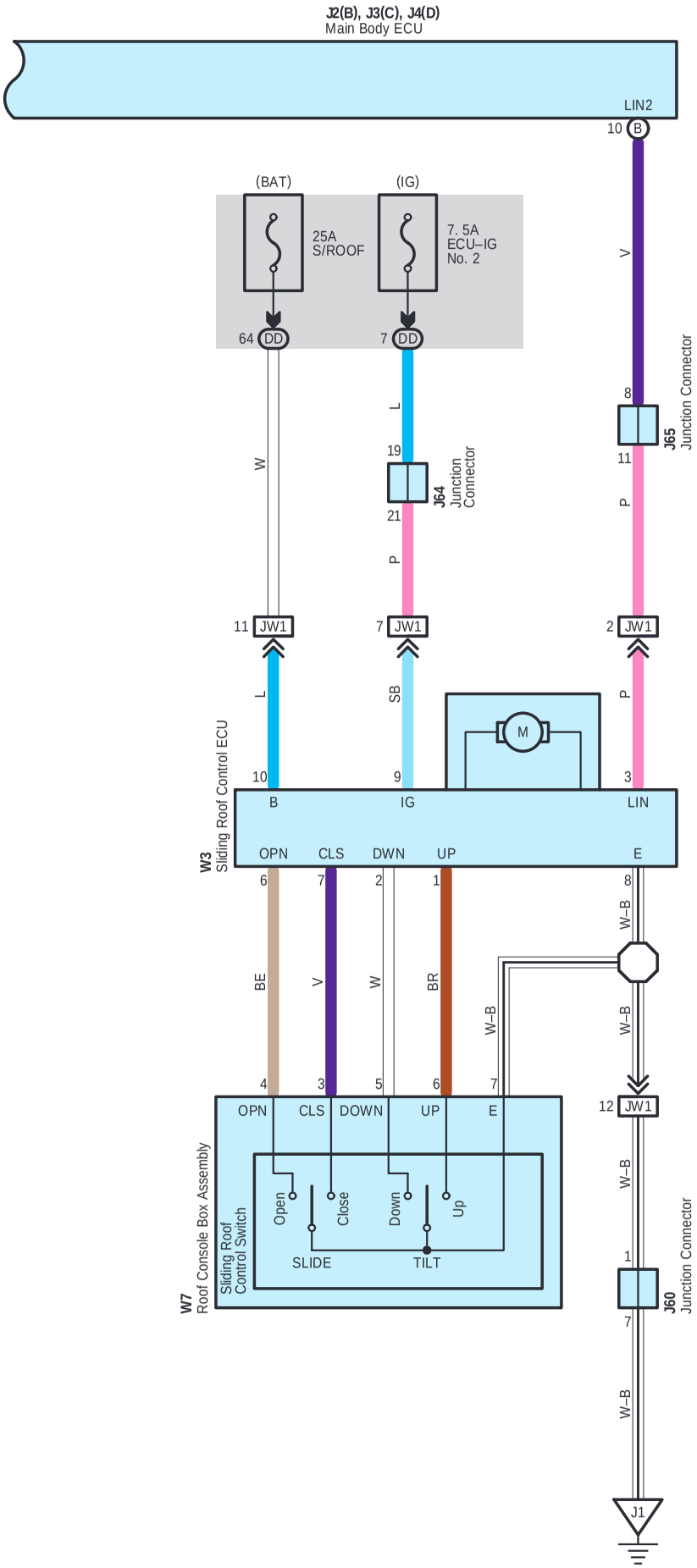


NJ3
Blue

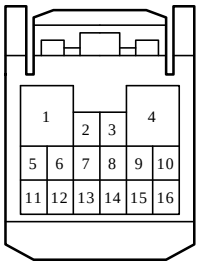



(BAT)
7. 5A
ECU–B1
2
1
GR
(ACC)
7. 5A
ACC
(IG)
7. 5A
ECU–IG
No. 2
(BAT)
25A
DR/LCK
J2(B), J3(C), J4(D)
Main Body ECU
ALTB
IG
ACC
BECU
GND1
GND2
6
15
22
26
5
4
13 DB
21 DB
GR
B
A1

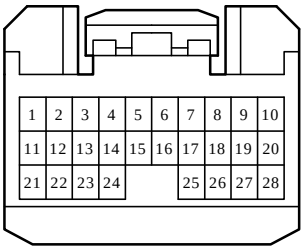

J2(B), J3(C), J4(D)
Main Body ECU
CANH
CANL
DCTY
PCTY
5 B
6 B
24 D
21 C
(IG)
(BAT)
7. 5A
MET
5A
MET–B
2
1
BE
G
8 AJ10
9 AJ10
P
LG
2
1
J28
Combination Meter
IG+
B
Buzzer
5V IC
5V+B
I/F
CPU
CAN I/F
ES
CANL
CANH
24
40
39
W–B
W
SB
15
J61
Junction
Connector
22
W–B
J3
L
W
5
16
4
15
SB
W
J75
Junction Connector
GR
13
14
J64
Junction Connector
BR
16 PJ2
SB
1
P5
Front Door Courtesy
Switch LH
W
3 QJ1
BE
1
Q5
Front Door Courtesy
Switch RH


J2(B), J3(C), J4(D)
Main Body ECU
LIN2
10 B
V
(BAT)
(IG)
25A
S/ROOF
7. 5A
ECU–IG
No. 2
64 DD
7 DD
8
J65
Junction Connector
11
P
L
19
J64
Junction
Connector
21
P
W
11 JW1
7 JW1
2 JW1
L
SB
P
M
10
9
3
B
IG
LIN
W3
Sliding Roof Control ECU
OPN
CLS
DWN
UP
E
6
7
2
1
8
W–B
BE
V
W
BR
W–B
W–B
4
3
5
6
7
12 JW1
OPN
CLS
DOWN
UP
E
W–B
Open
Close
Down
Up
SLIDE
TILT
1
J60
Junction Connector
7
W–B
W7
Roof Console Box Assembly
Sliding Roof
Control Switch
J1

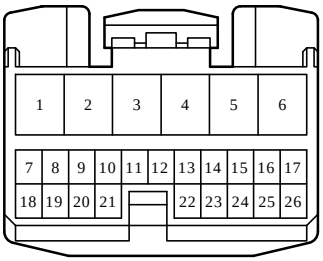
J 2
White



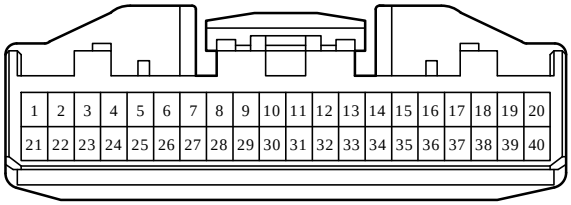
J 3
White



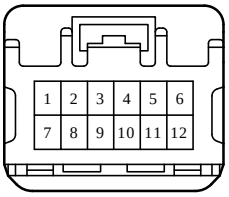
J 4
White



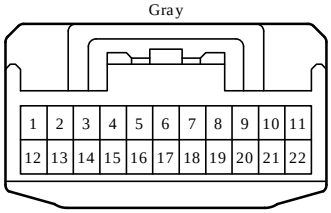
J 28
Black



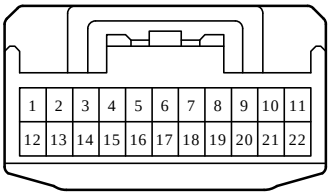
J 60
White



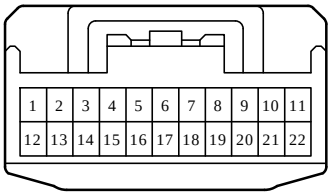
J 61
Gray



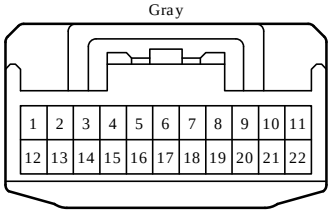
J 64
White



J 65
White



J 75
Gray



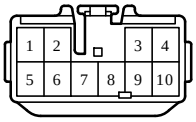
P 5
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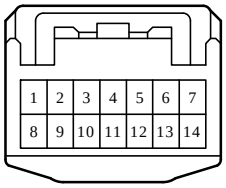
Q 5
White



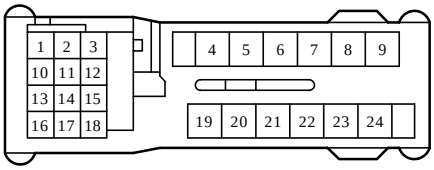
W 3
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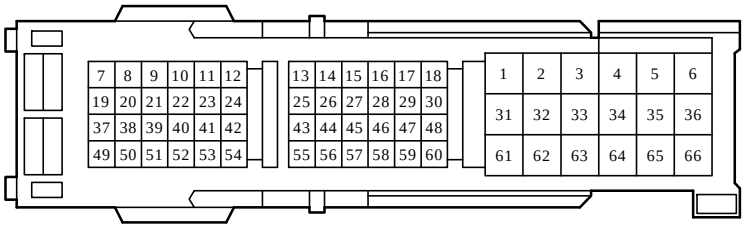
W 7
White



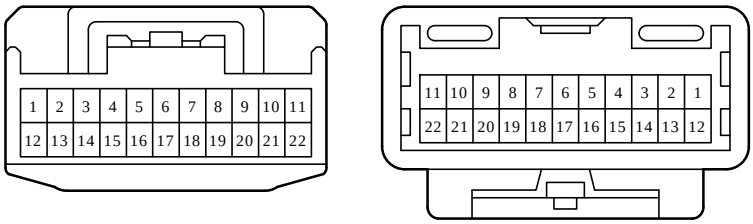
DB
White



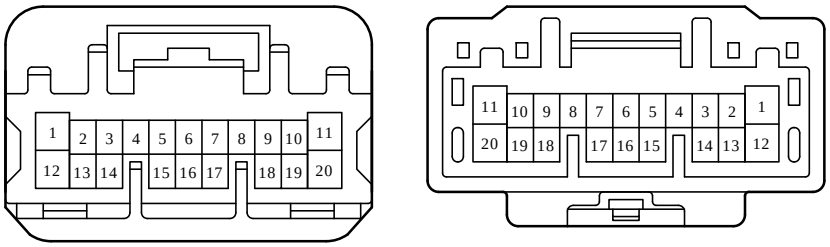
DD
White



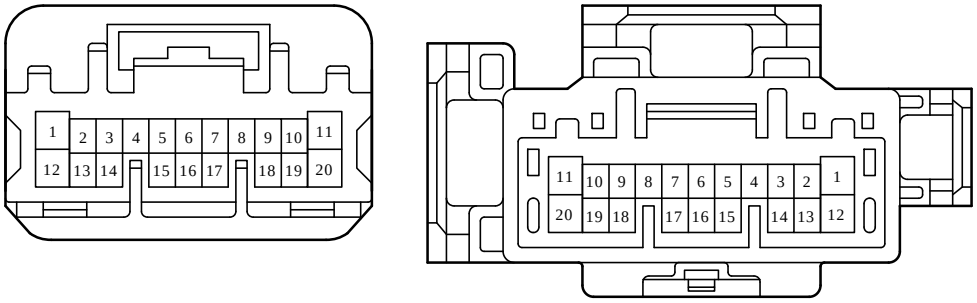
AJ10
Gray



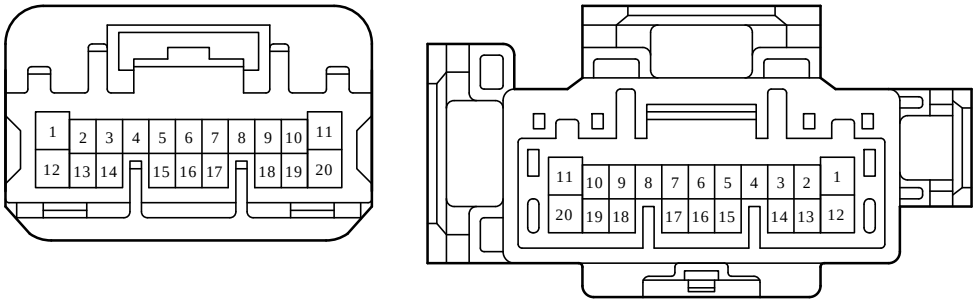
JW1
White

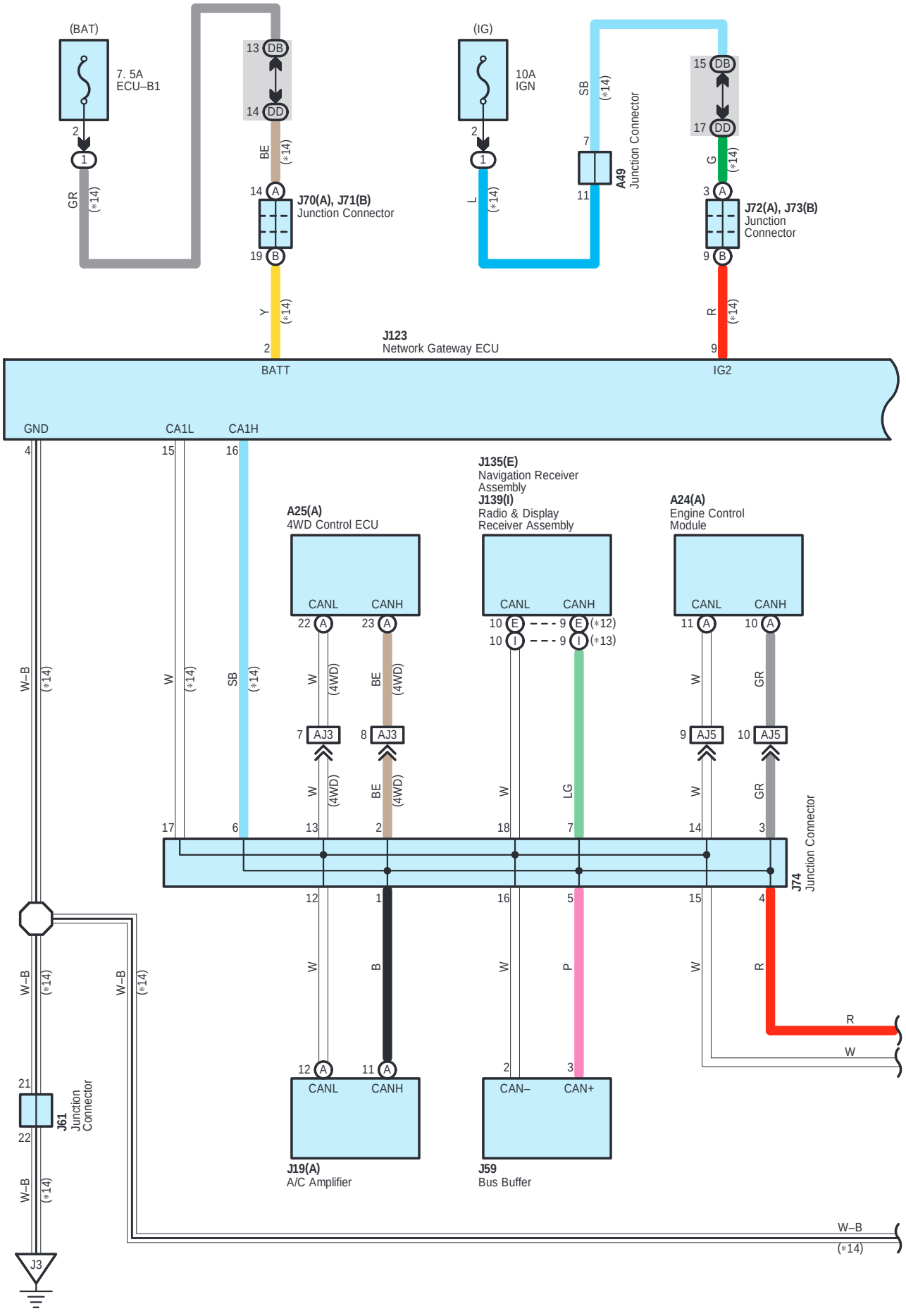


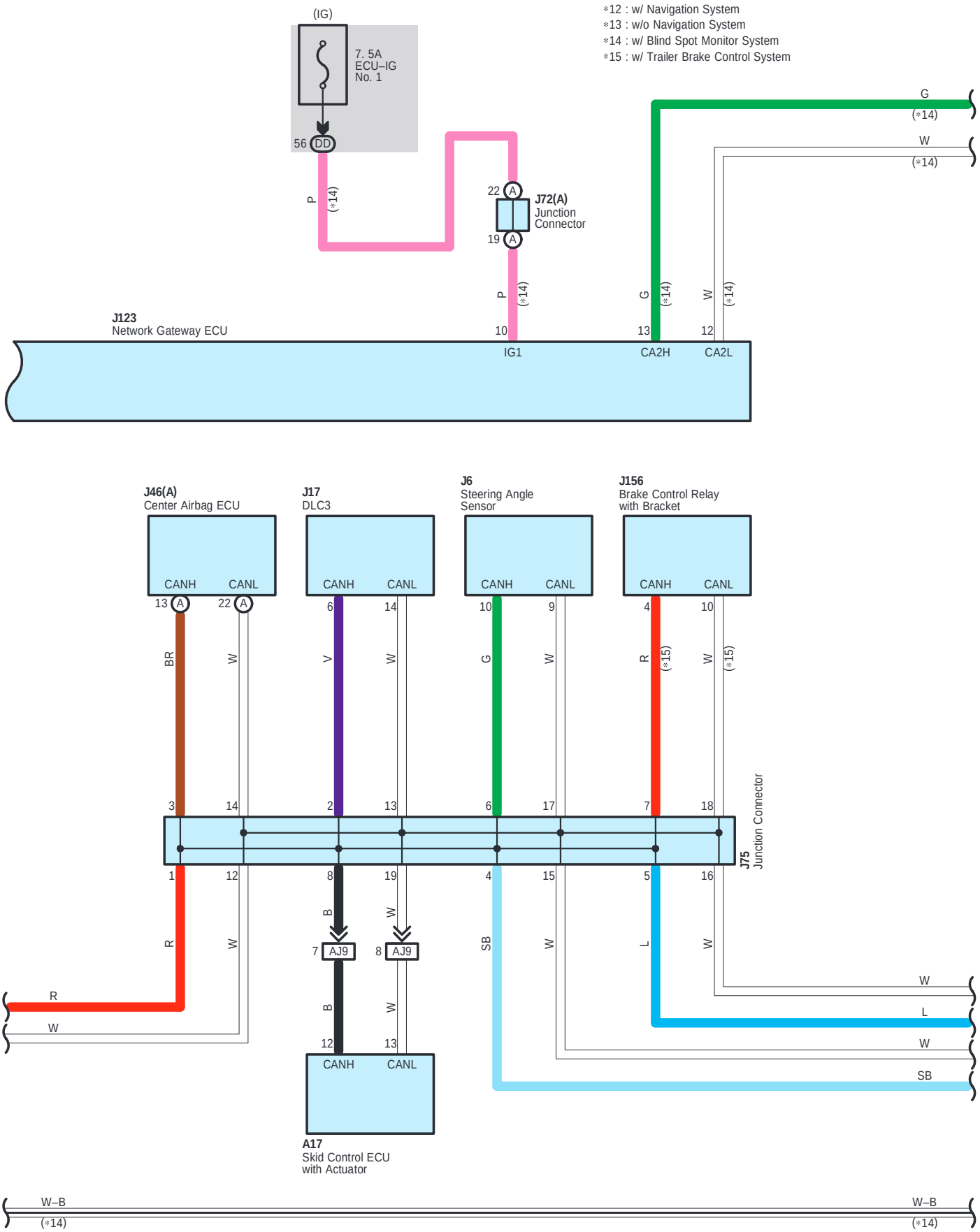
PJ2
White

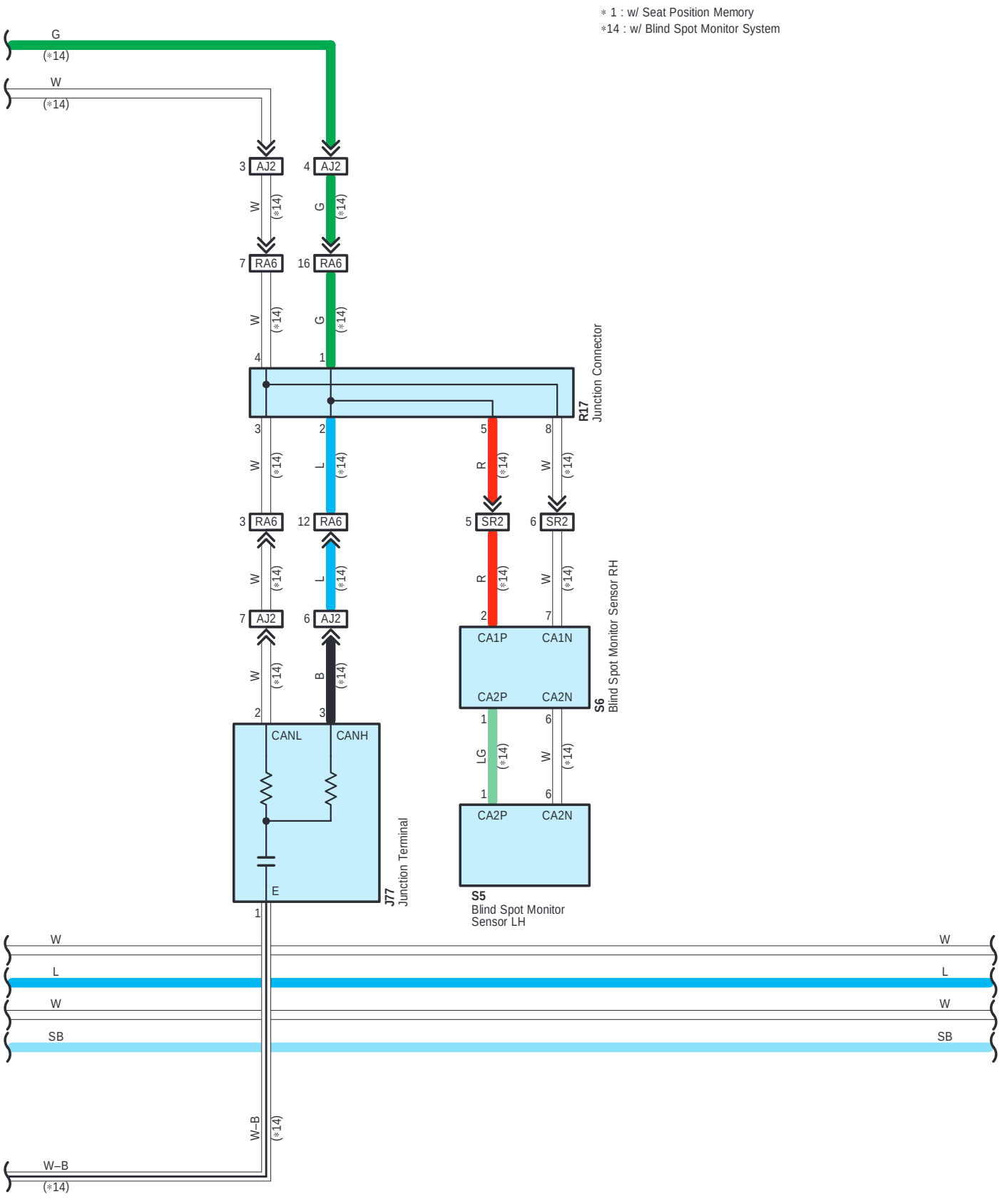


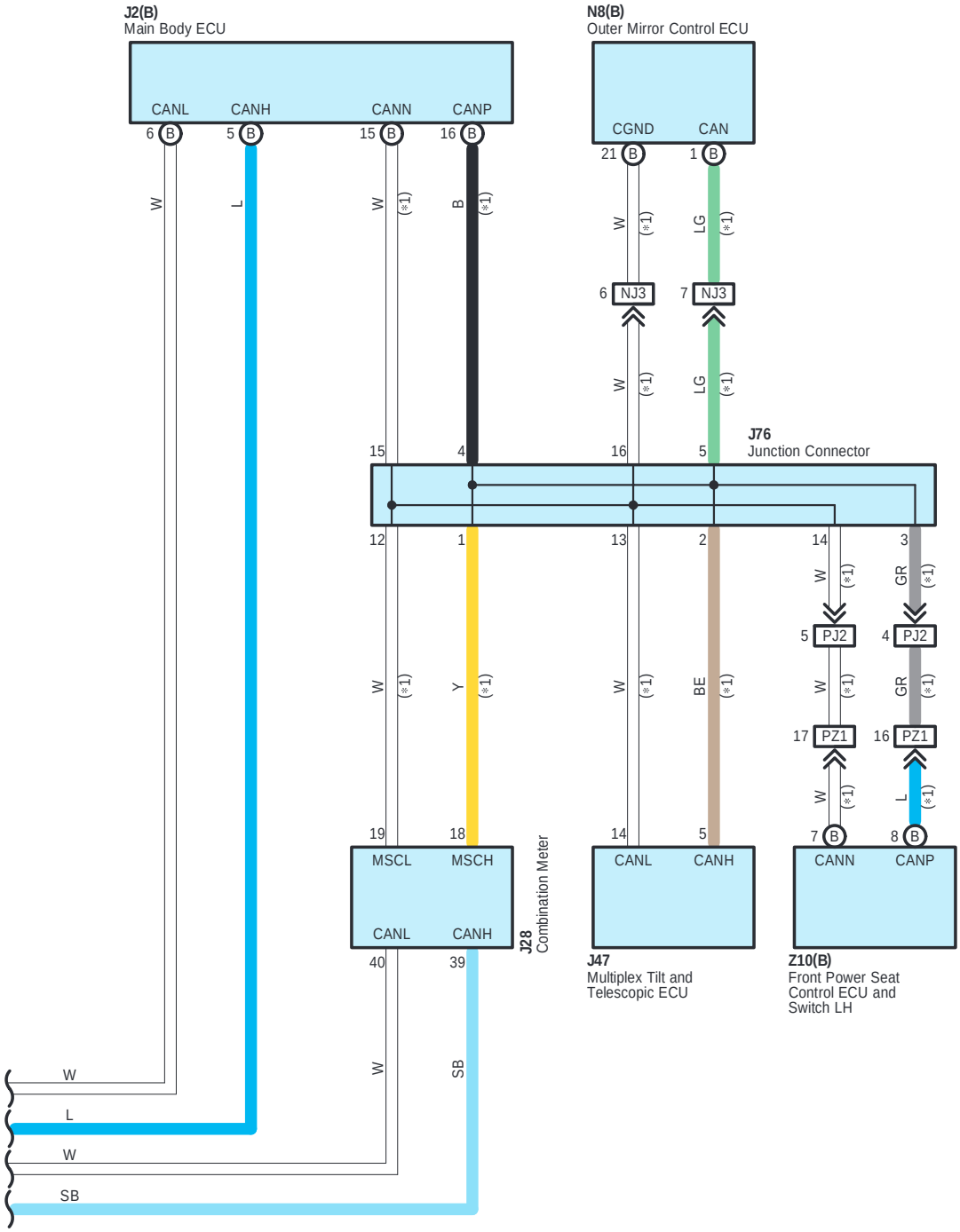
QJ1
White



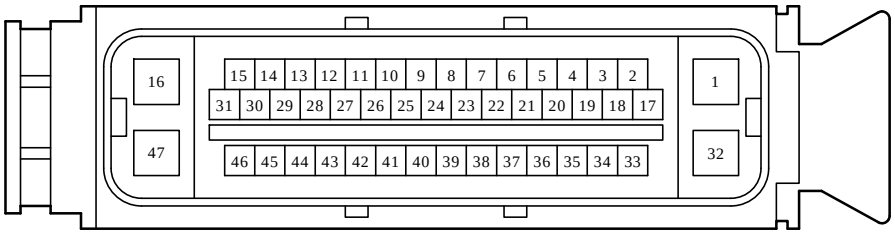

(BAT)
7. 5A
ECU–B1
(IG)
10A
IGN
J123
Network Gateway ECU
BATT
IG2
GND
CA1L
CA1H
J70(A), J71(B)
Junction Connector
J72(A), J73(B)
Junction
Connector
A49
Junction Connector
A25(A)
4WD Control ECU
J135(E)
Navigation Receiver
Assembly
J139(I)
Radio & Display
Receiver Assembly
A24(A)
Engine Control
Module
CANL
CANH
J74
Junction Connector
J61
Junction
Connector
J19(A)
A/C Amplifier
J59
Bus Buffer
CAN–
CAN+
J3
W–B
R
W


*12 : w/ Navigation System
*13 : w/o Navigation System
*14 : w/ Blind Spot Monitor System
*15 : w/ Trailer Brake Control System
(IG)
7. 5A
ECU–IG
No. 1
56 DD
P
(*14)
22 A
J72(A)
Junction
Connector
19 A
G
(*14)
W
(*14)
J123
Network Gateway ECU
10
IG1
13
CA2H
12
CA2L
J46(A)
Center Airbag ECU
J17
DLC3
J6
Steering Angle
Sensor
J156
Brake Control Relay
with Bracket
CANH
CANL
13 A
22 A
BR
W
6
14
V
W
10
9
G
W
4
10
R
(*15)
W
(*15)
3
14
2
13
6
17
7
18
J75
Junction Connector
1
12
8
19
4
15
5
16
R
W
B
W
SB
W
L
W
7 AJ9
8 AJ9
B
W
12
13
R
W
W
L
W
SB
A17
Skid Control ECU
with Actuator
W–B
(*14)
W–B
(*14)

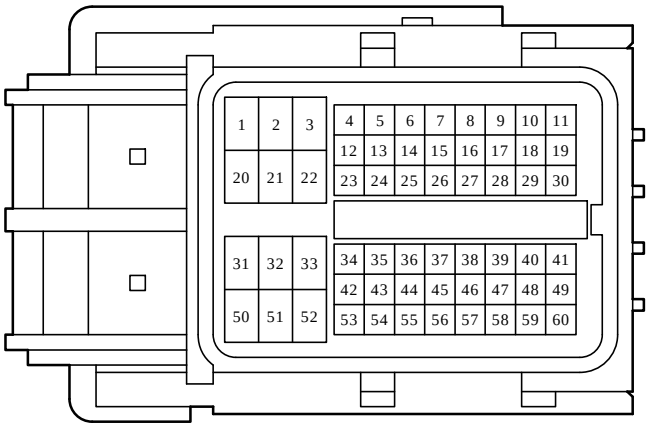

∗ 1 : w/ Seat Position Memory
∗14 : w/ Blind Spot Monitor System
G
(∗14)
W
(∗14)
3 AJ2
4 AJ2
W (∗14)
G (∗14)
7 RA6
16 RA6
W (∗14)
G (∗14)
4
1
R17
Junction Connector
3
2
5
8
W (∗14)
L (∗14)
R (∗14)
W (∗14)
3 RA6
12 RA6
5 SR2
6 SR2
W (∗14)
L (∗14)
R (∗14)
W (∗14)
7 AJ2
6 AJ2
2
7
W (∗14)
B (∗14)
CA1P
CA1N
CA2P
CA2N
S6
Blind Spot Monitor Sensor RH
2
3
1
6
CANL
CANH
LG (∗14)
W (∗14)
1
6
CA2P
CA2N
E
J77
Junction Terminal
S5
Blind Spot Monitor
Sensor LH
1
W
L
W
SB
W
L
W
SB
W–B (∗14)
W–B
(∗14)


J2(B)
Main Body ECU
CANL
CANH
CANN
CANP
6 B
5 B
15 B
16 B
W
L
W (*1)
B (*1)
N8(B)
Outer Mirror Control ECU
CGND
CAN
21 B
1 B
W (*1)
LG (*1)
6 NJ3
7 NJ3
W (*1)
LG (*1)
J76
Junction Connector
15
4
16
5
12
1
13
2
14
3
W (*1)
Y (*1)
W (*1)
BE (*1)
W (*1)
GR (*1)
5 PJ2
4 PJ2
W (*1)
GR (*1)
17 PZ1
16 PZ1
W (*1)
L (*1)
7 B
8 B
19
18
14
5
MSCL
MSCH
CANL
CANH
CANN
CANP
J28
Combination Meter
40
39
J47
Multiplex Tilt and
Telescopic ECU
Z10(B)
Front Power Seat
Control ECU and
Switch LH
W
L
W
SB
W
SB

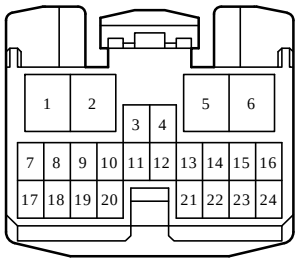
A 17
Black



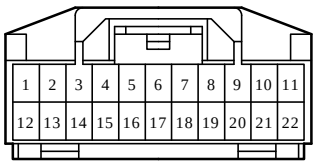
A 24
Black



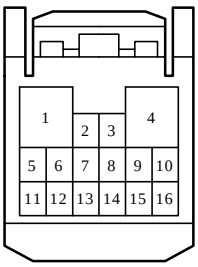
A 25
Black



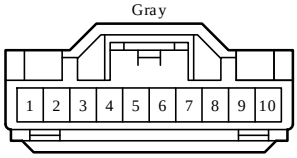
A 49
White



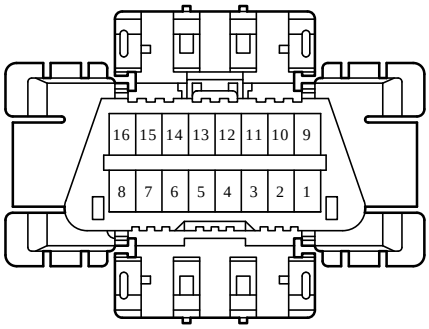
J 2
White



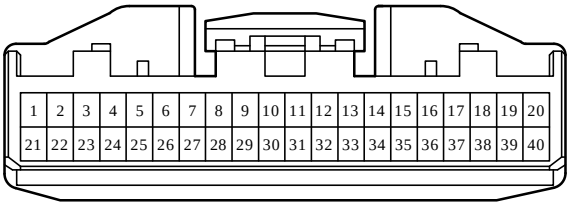
J 6
Gray



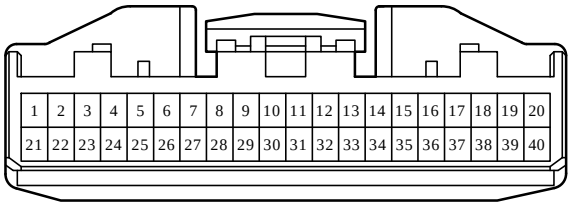
J 17
White



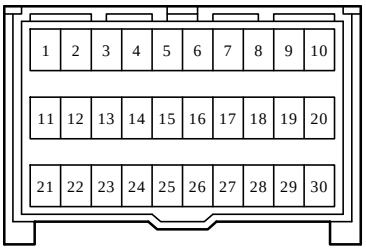
J 19
White



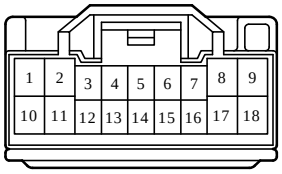
J 28
Black



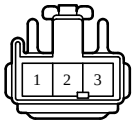
J 46
Yellow



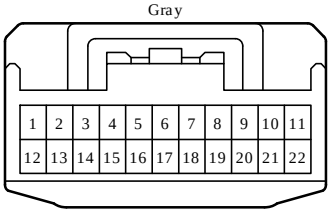
J 47
White



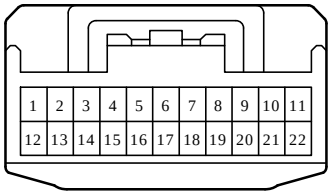
J 59
White



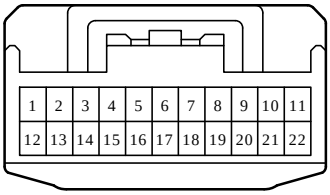
J 61
Gray



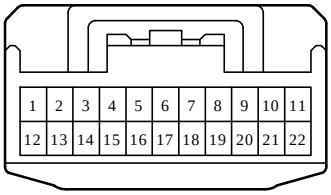
J 70
Blue



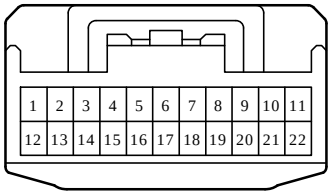
J 71
White



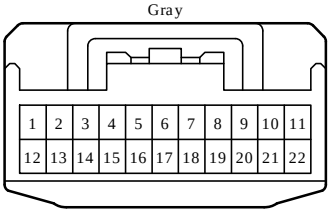
J 72
Black



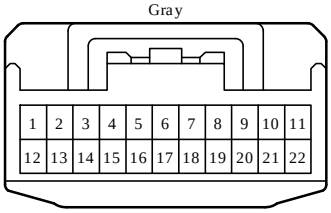
J 73
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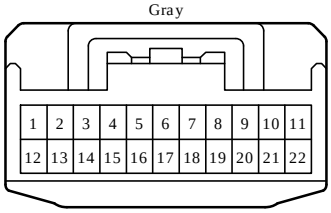
J 74
Gray



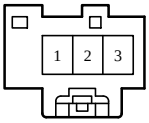
J 75
Gray



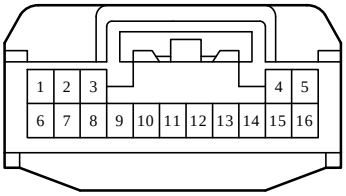
J 76
Gray



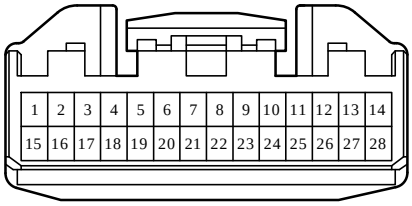
J 77
White



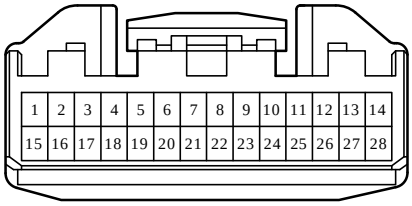
J123
White



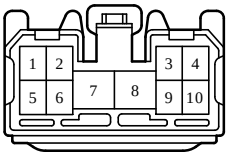
J135
White



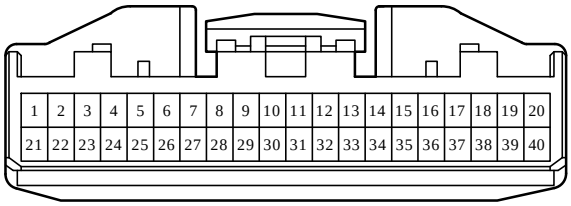
J139
White



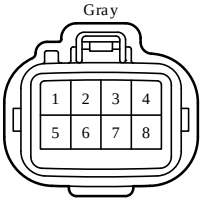
J156
White



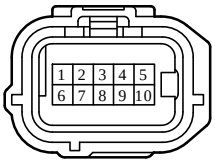
N 8
White



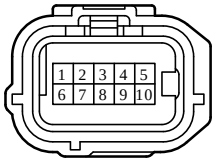
R 17
Gray



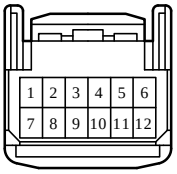
S 5
Black



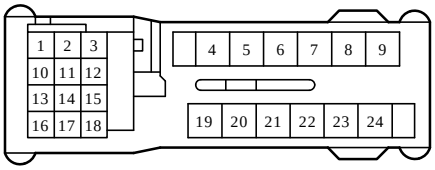
S 6
Black



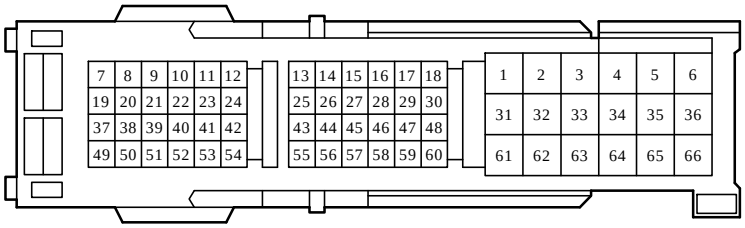
Z 10
Black



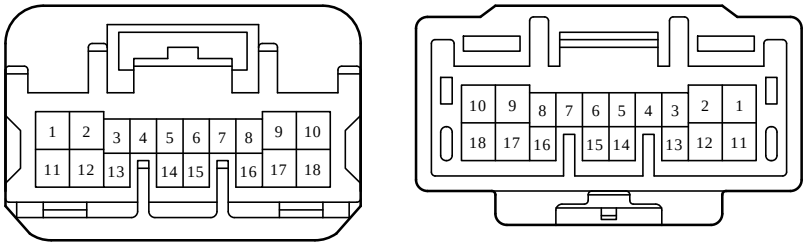
DB
White



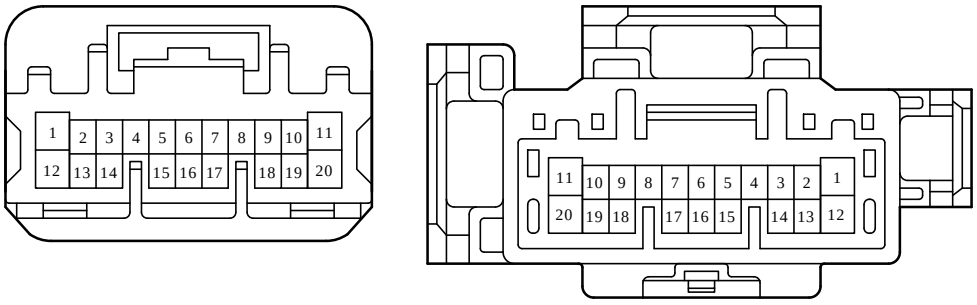
DD
White



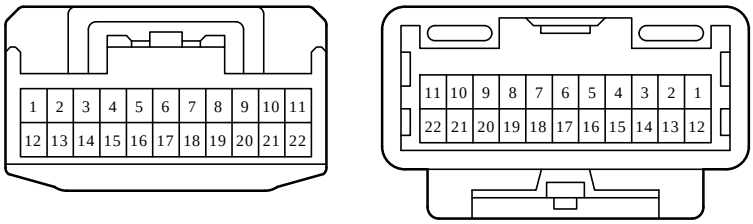
AJ2
Gray



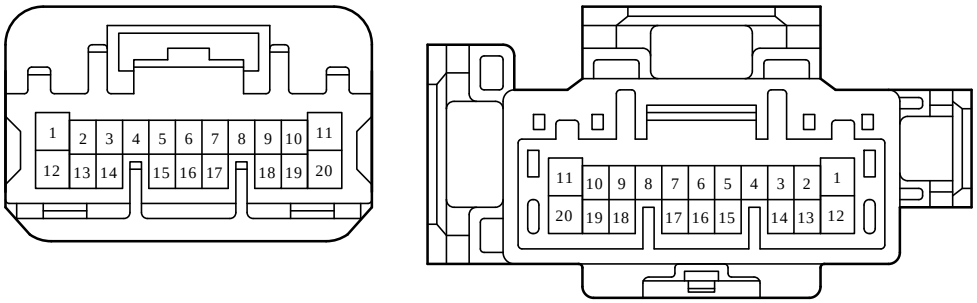
AJ3
White



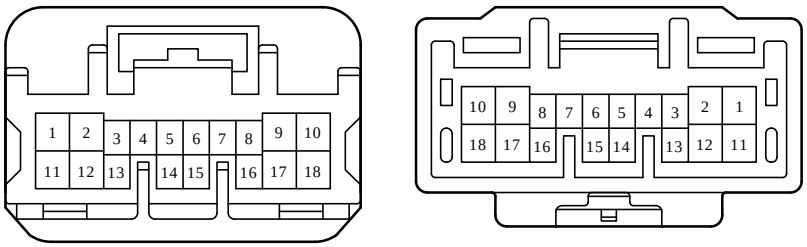
AJ5
Gray



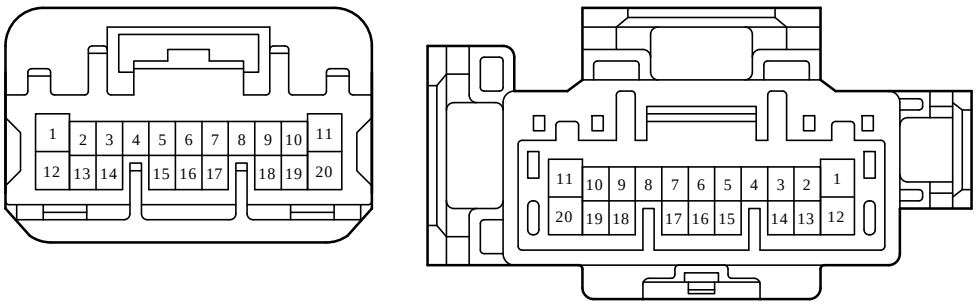
AJ9
White



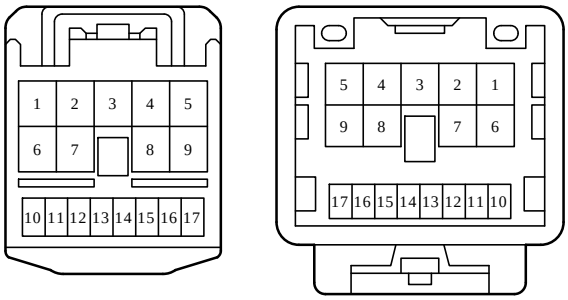
NJ3
Blue



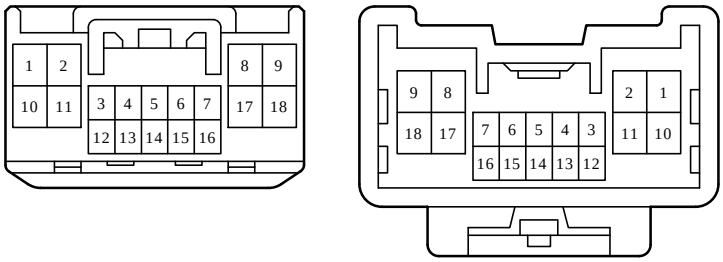
PJ2
White



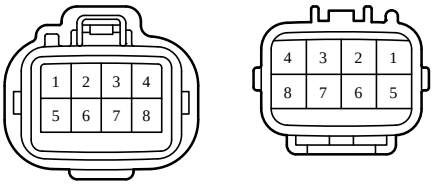
PZ1
White

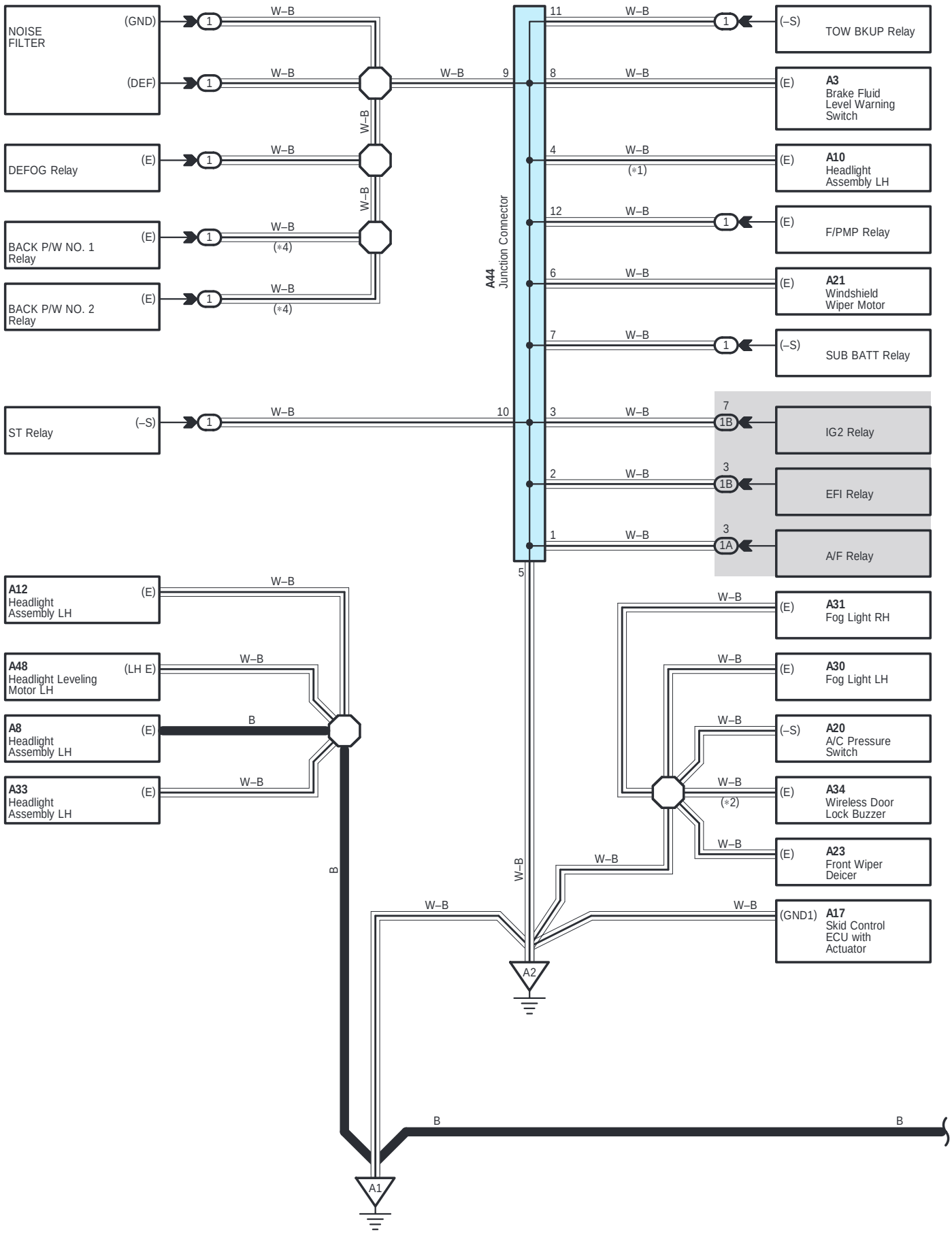


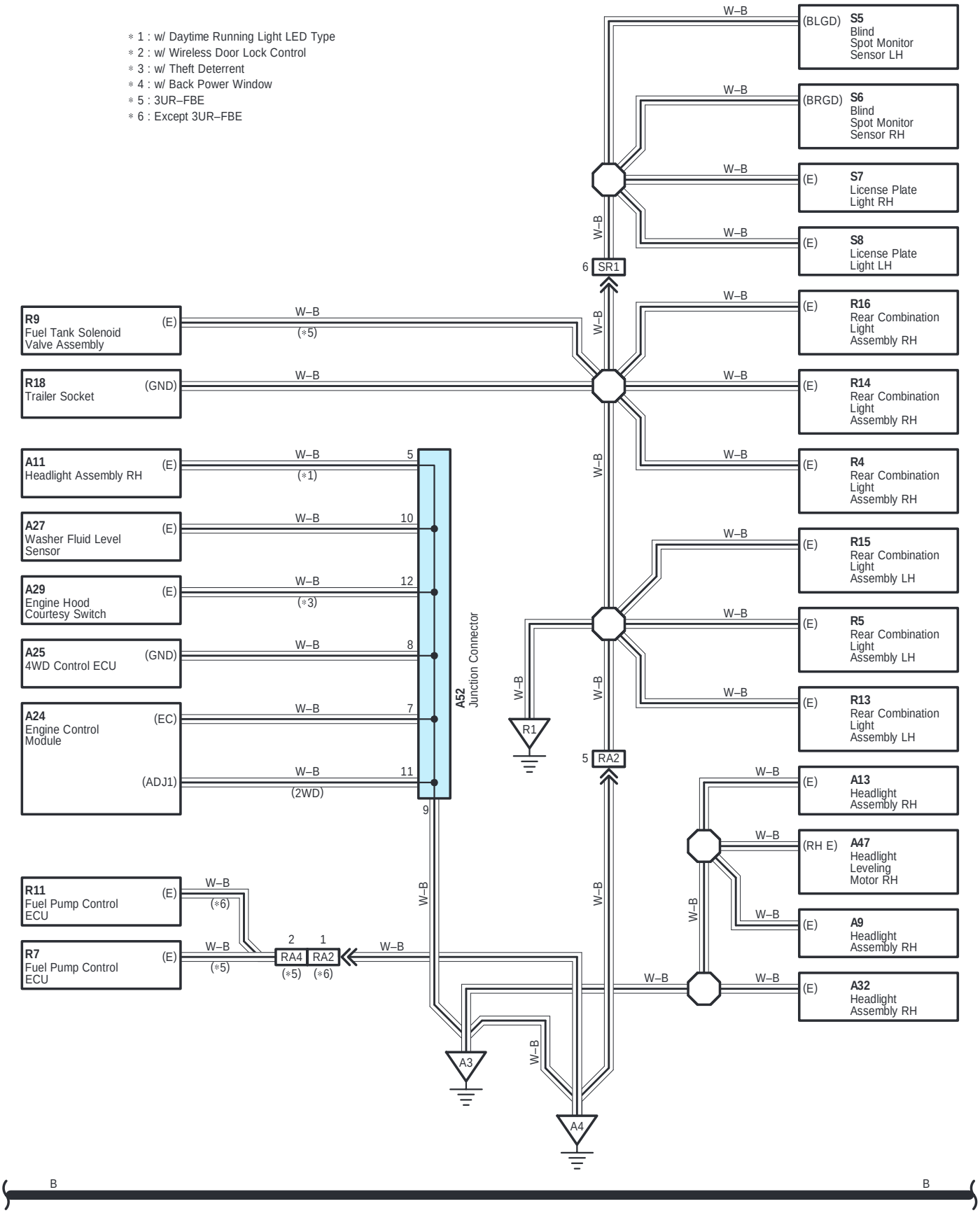
RA6
White

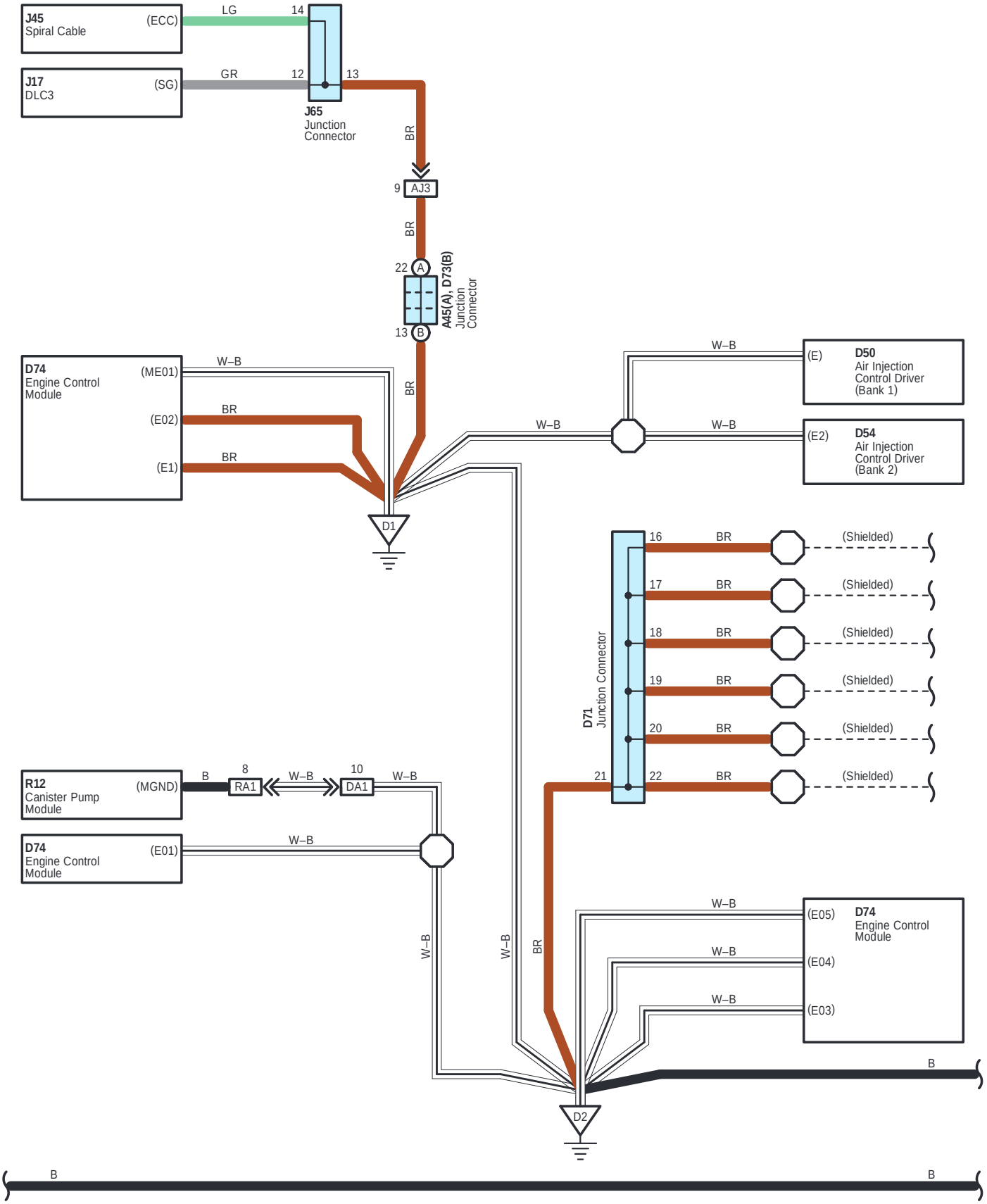


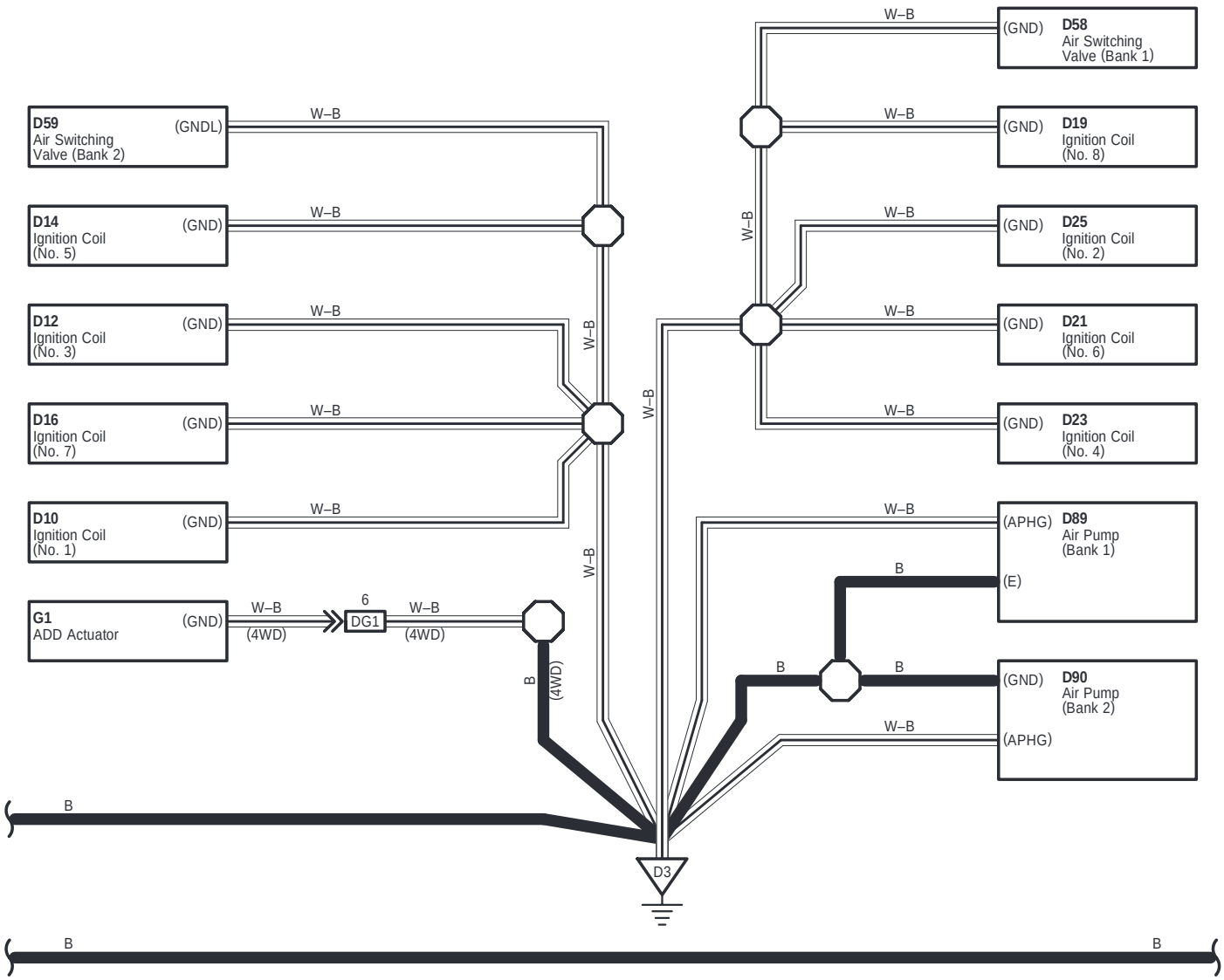
SR2
Black

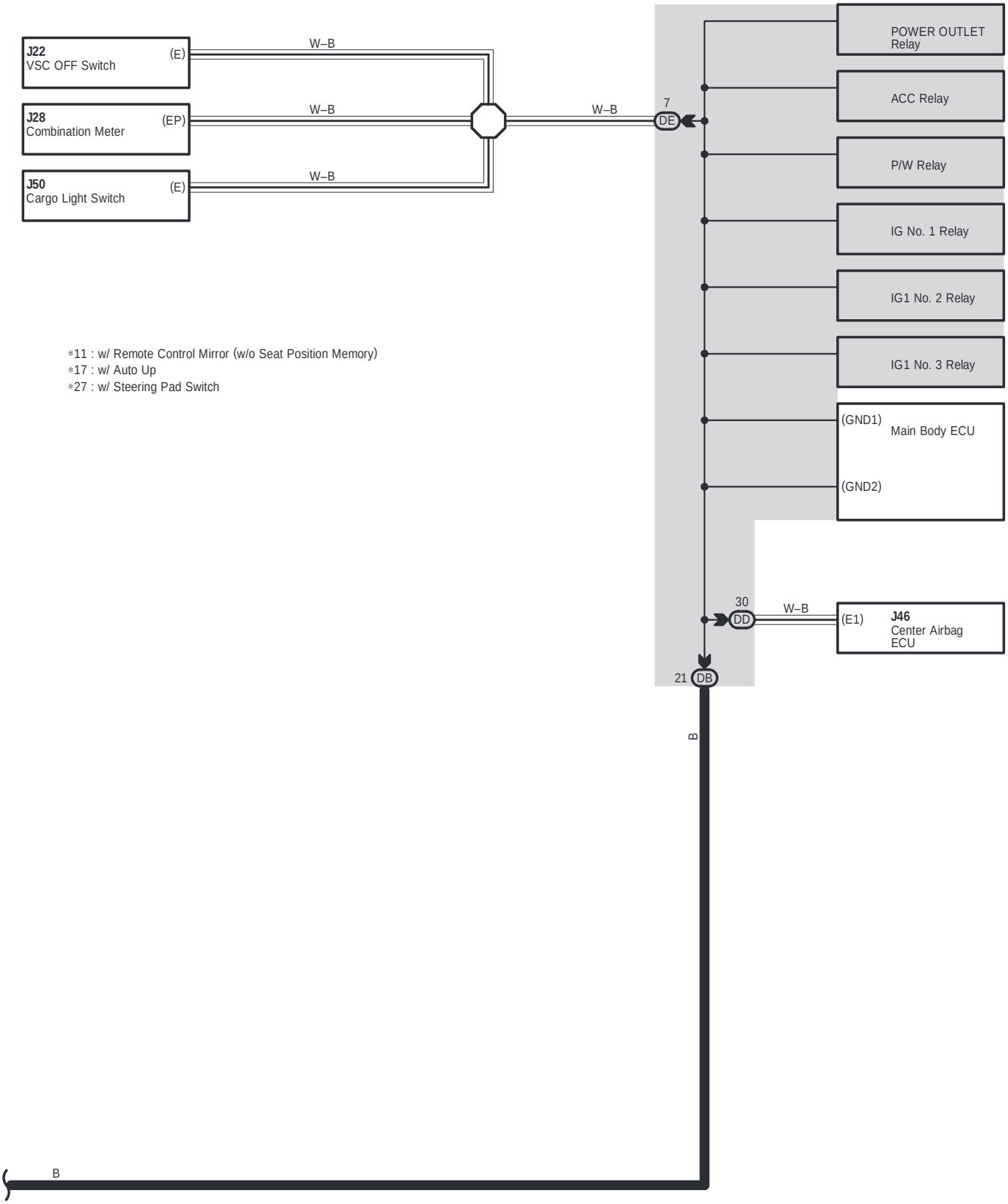



NOISE FILTER
(GND)
(DEF)
DEFOG Relay
BACK P/W NO. 1 Relay
BACK P/W NO. 2 Relay
ST Relay
A44 Junction Connector
TOW BKUP Relay
A3 Brake Fluid Level Warning Switch
A10 Headlight Assembly LH
F/PMP Relay
A21 Windshield Wiper Motor
SUB BATT Relay
IG2 Relay
EFI Relay
A/F Relay
A12 Headlight Assembly LH
A48 Headlight Leveling Motor LH
A8 Headlight Assembly LH
A33 Headlight Assembly LH
A31 Fog Light RH
A30 Fog Light LH
A20 A/C Pressure Switch
A34 Wireless Door Lock Buzzer
A23 Front Wiper Deicer
A17 Skid Control ECU with Actuator
A1
A2
W–B
B
(*1)
(*2)
(*4)

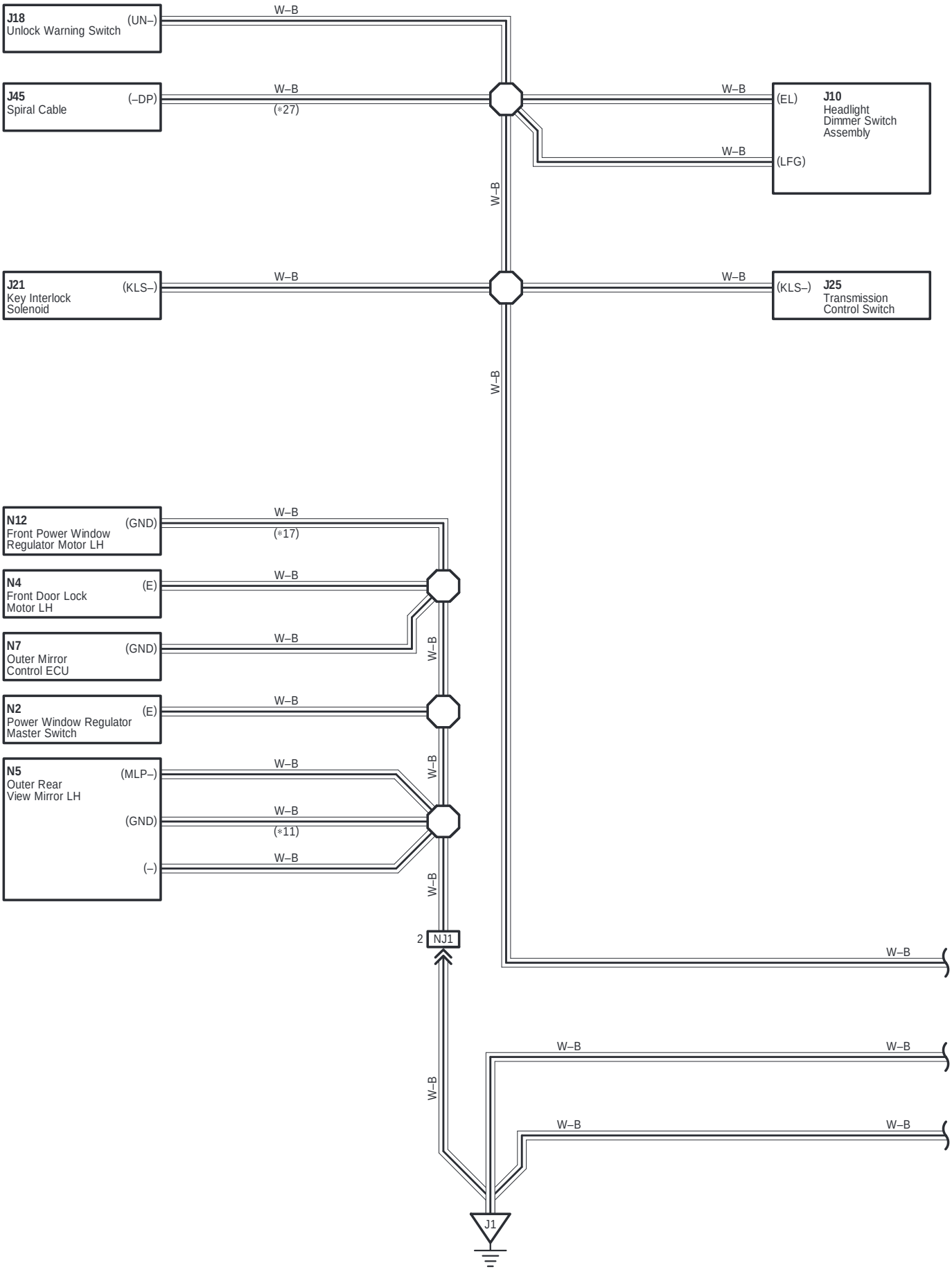

∗ 1 : w/ Daytime Running Light LED Type
∗ 2 : w/ Wireless Door Lock Control
∗ 3 : w/ Theft Deterrent
∗ 4 : w/ Back Power Window
∗ 5 : 3UR–FBE
∗ 6 : Except 3UR–FBE
R9 Fuel Tank Solenoid Valve Assembly (E)
R18 Trailer Socket (GND)
A11 Headlight Assembly RH (E)
A27 Washer Fluid Level Sensor (E)
A29 Engine Hood Courtesy Switch (E)
A25 4WD Control ECU (GND)
A24 Engine Control Module (EC) (ADJ1)
R11 Fuel Pump Control ECU (E)
R7 Fuel Pump Control ECU (E)
A52 Junction Connector
SR1
RA2
RA4
R1
A3
A4
S5 Blind Spot Monitor Sensor LH (BLGD)
S6 Blind Spot Monitor Sensor RH (BRGD)
S7 License Plate Light RH (E)
S8 License Plate Light LH (E)
R16 Rear Combination Light Assembly RH (E)
R14 Rear Combination Light Assembly RH (E)
R4 Rear Combination Light Assembly RH (E)
R15 Rear Combination Light Assembly LH (E)
R5 Rear Combination Light Assembly LH (E)
R13 Rear Combination Light Assembly LH (E)
A13 Headlight Assembly RH (E)
A47 Headlight Leveling Motor RH (RH E)
A9 Headlight Assembly RH (E)
A32 Headlight Assembly RH (E)
W–B
B

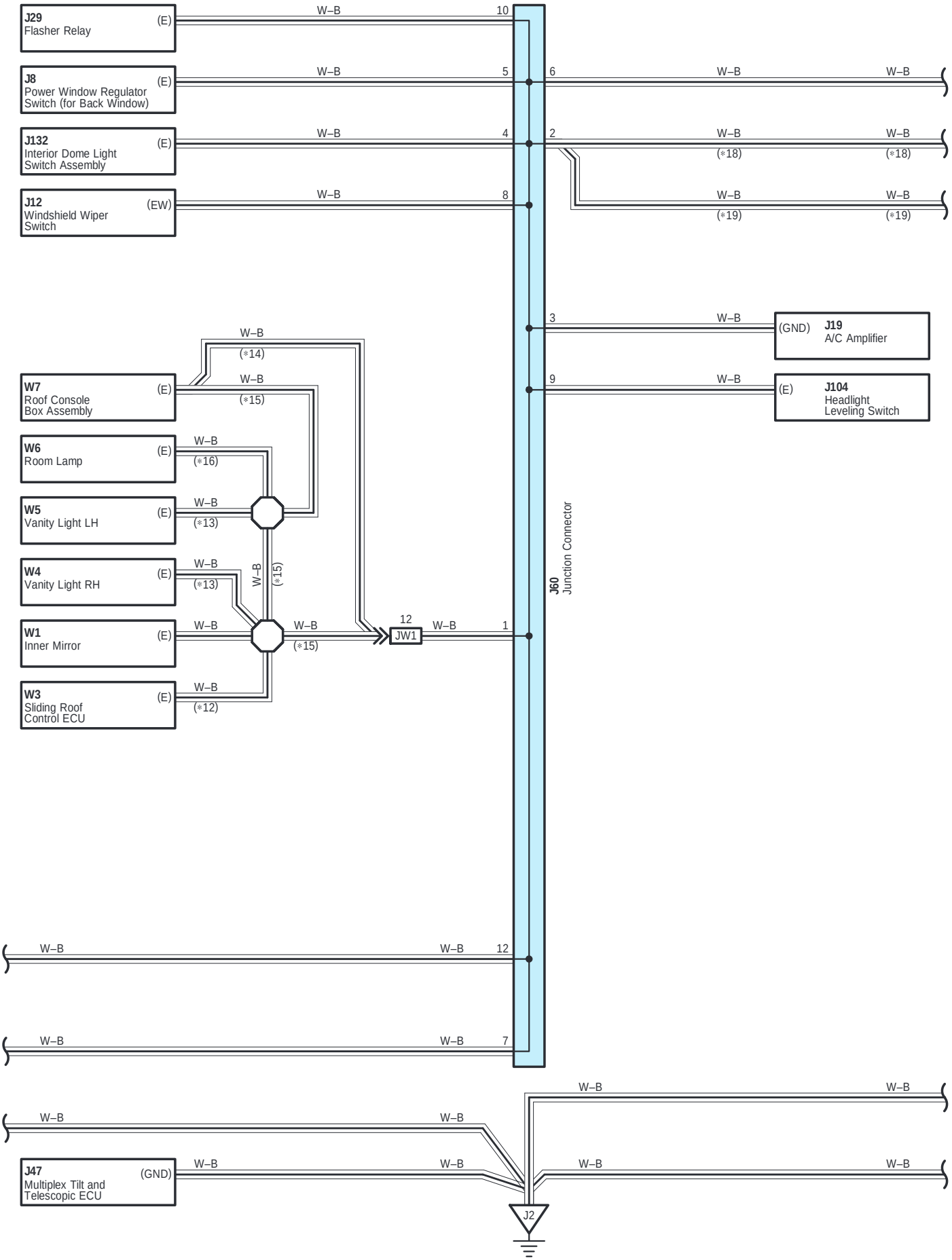

J45
Spiral Cable
(ECC)
LG
14
J17
DLC3
(SG)
GR
12
13
J65
Junction
Connector
BR
9
AJ3
BR
22
A
13
B
A45(A), D73(B)
Junction
Connector
D74
Engine Control
Module
(ME01)
W–B
(E02)
BR
(E1)
BR
D1
BR
W–B
W–B
(E)
D50
Air Injection
Control Driver
(Bank 1)
W–B
(E2)
D54
Air Injection
Control Driver
(Bank 2)
D71
Junction Connector
16
17
18
19
20
21
22
BR
(Shielded)
R12
Canister Pump
Module
(MGND)
B
8
RA1
W–B
10
DA1
W–B
D74
Engine Control
Module
(E01)
W–B
W–B
W–B
BR
W–B
(E05)
(E04)
(E03)
D74
Engine Control
Module
B
D2
B
B

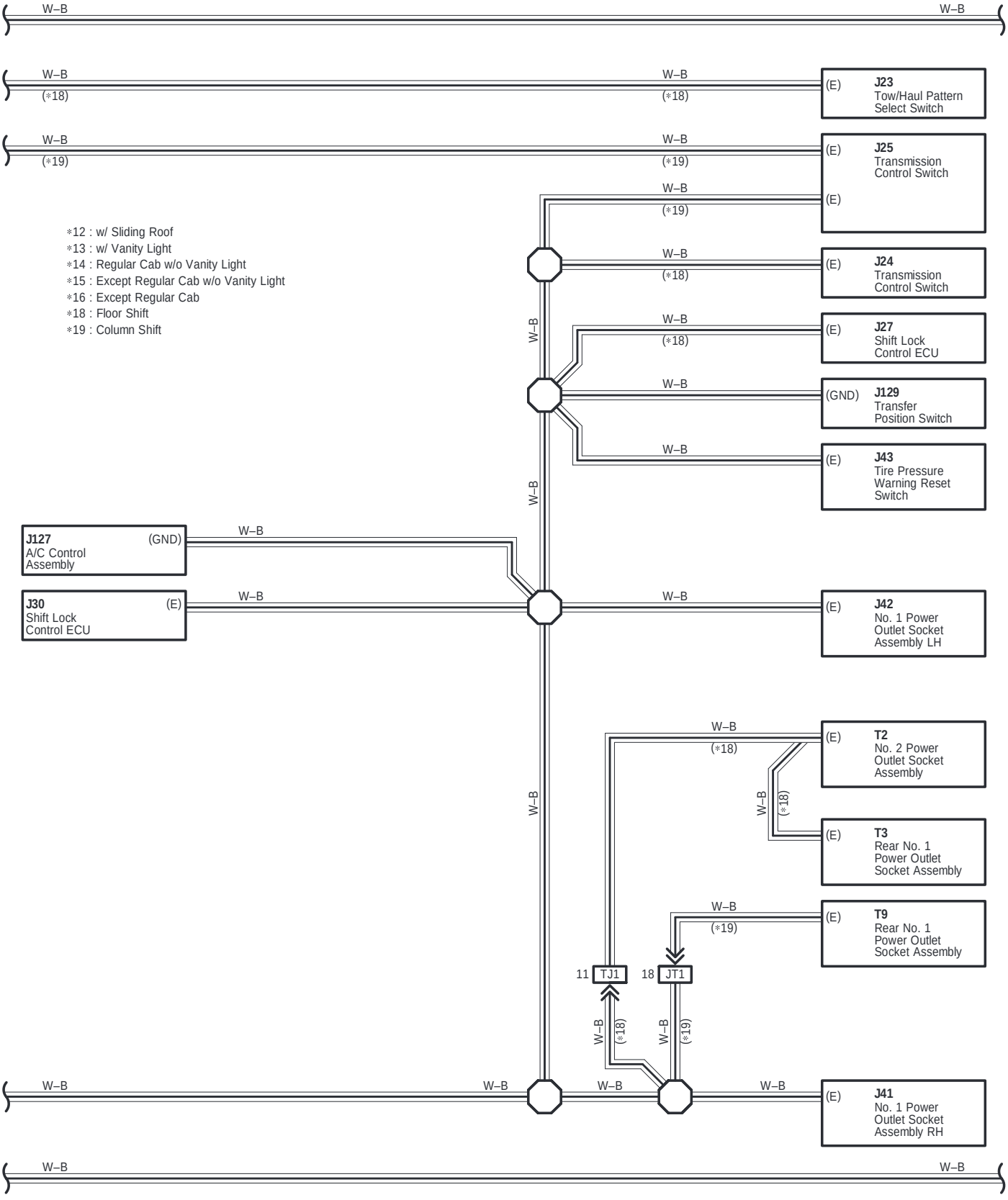

D59
Air Switching
Valve (Bank 2)
(GNDL)
D14
Ignition Coil
(No. 5)
(GND)
D12
Ignition Coil
(No. 3)
(GND)
D16
Ignition Coil
(No. 7)
(GND)
D10
Ignition Coil
(No. 1)
(GND)
G1
ADD Actuator
(GND)
W–B
(4WD)
6
DG1
W–B
(4WD)
B
(4WD)
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
D58
Air Switching
Valve (Bank 1)
(GND)
D19
Ignition Coil
(No. 8)
(GND)
D25
Ignition Coil
(No. 2)
(GND)
D21
Ignition Coil
(No. 6)
(GND)
D23
Ignition Coil
(No. 4)
(GND)
D89
Air Pump
(Bank 1)
(APHG)
(E)
B
B
B
D90
Air Pump
(Bank 2)
(GND)
W–B
(APHG)
B
D3
B
B

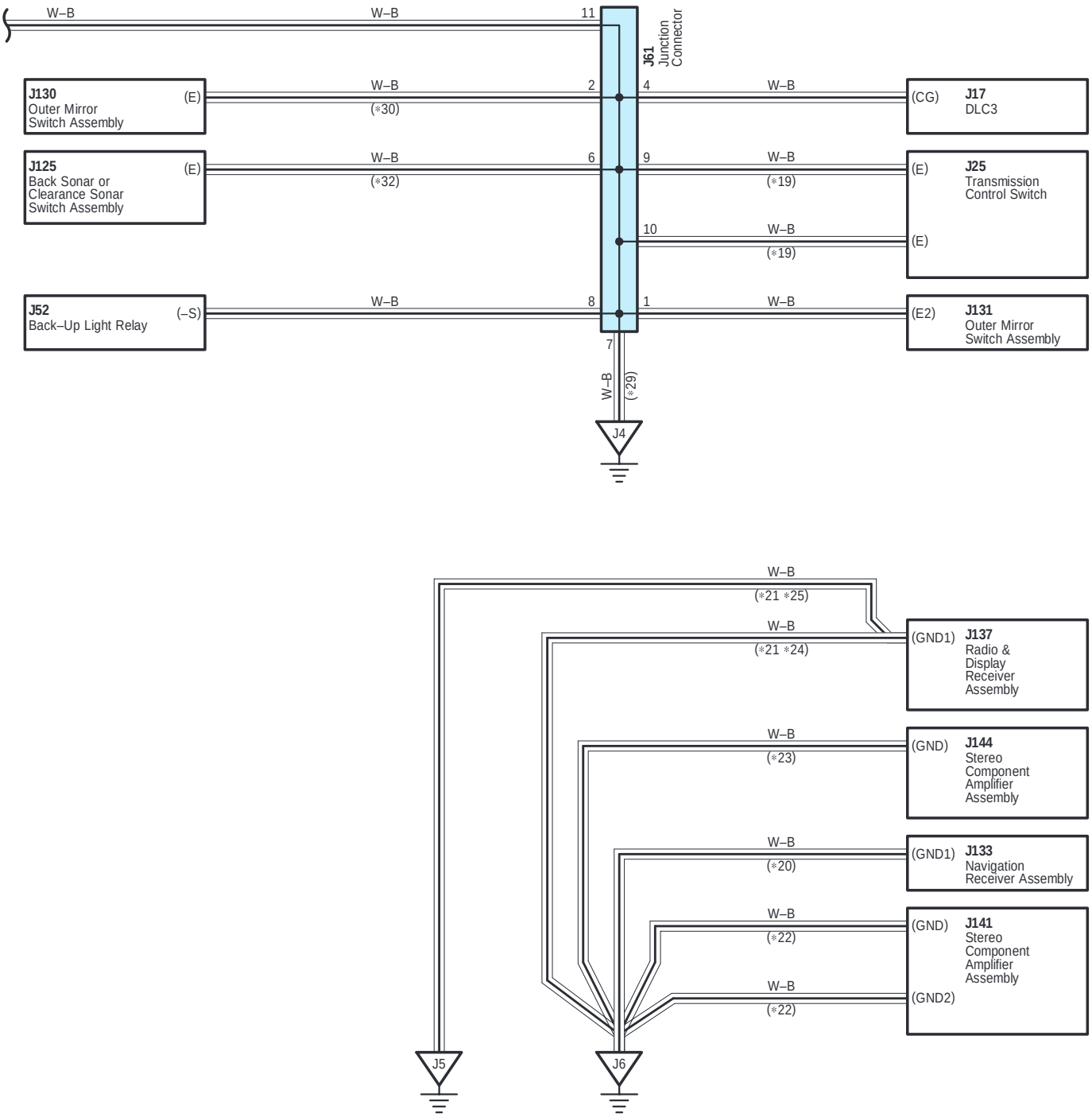


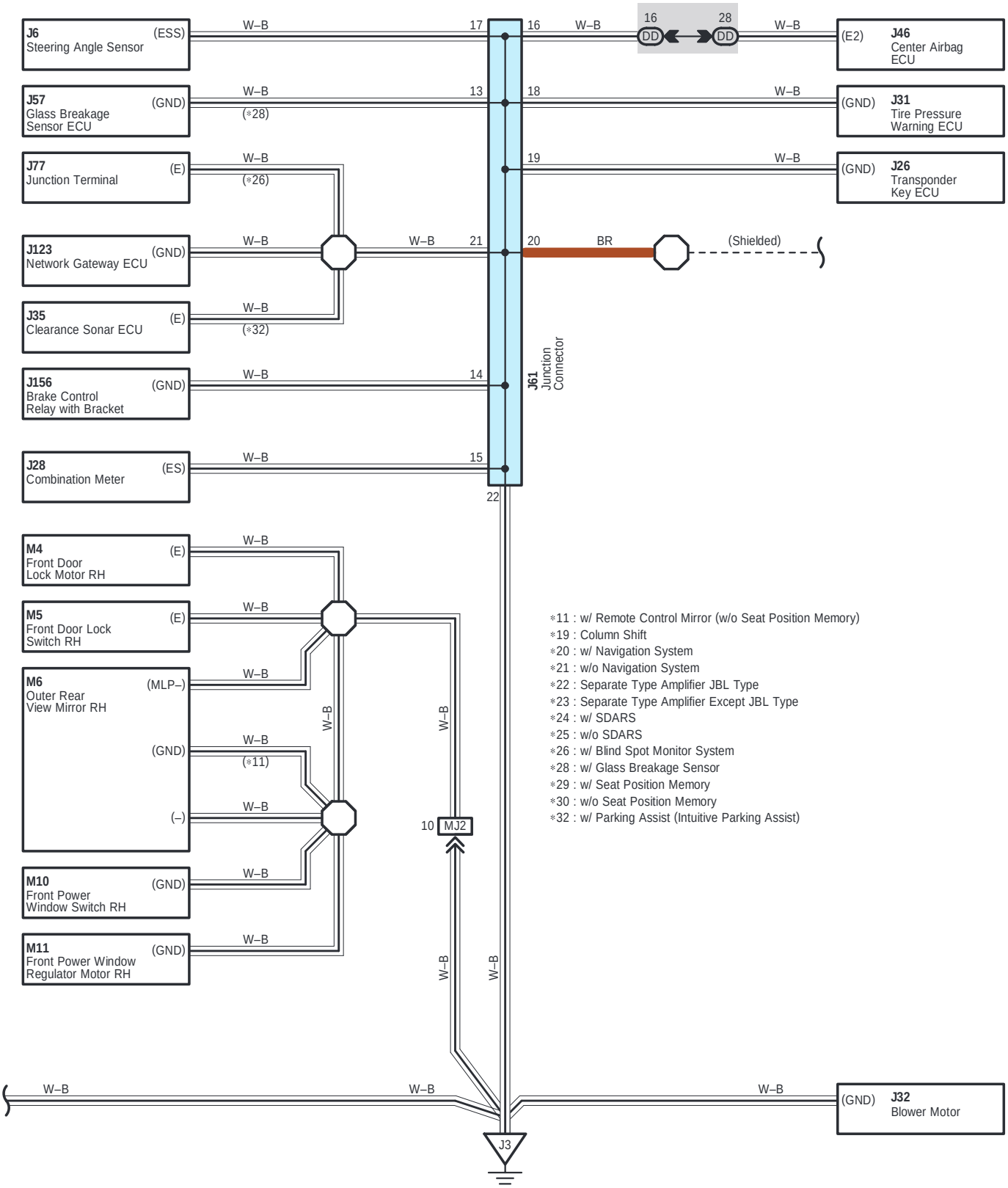
*11 : w/ Remote Control Mirror (w/o Seat Position Memory)
*17 : w/ Auto Up
*27 : w/ Steering Pad Switch

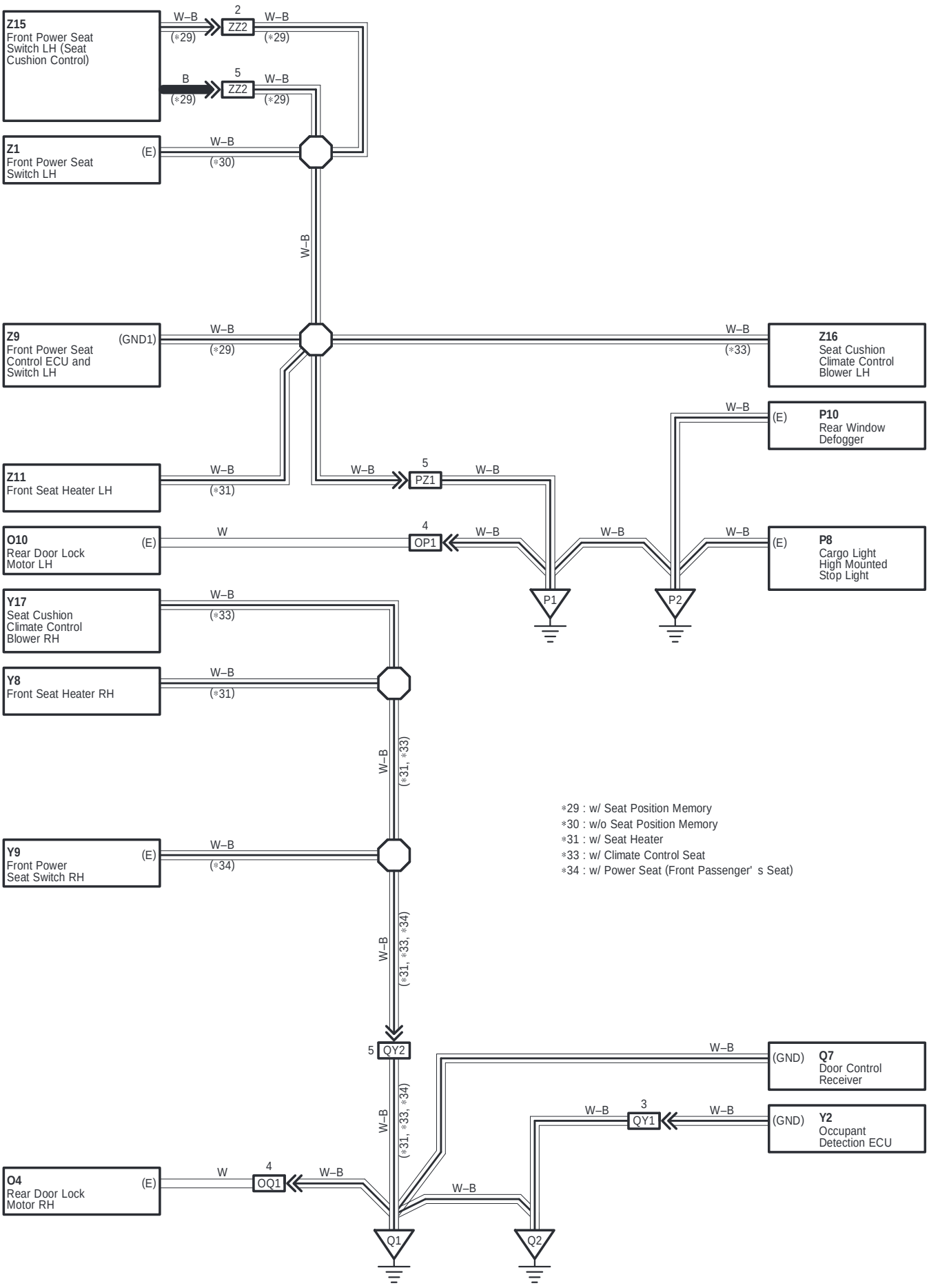

J18
Unlock Warning Switch
(UN–)
W–B
J45
Spiral Cable
(–DP)
W–B
(*27)
W–B
(EL)
J10
Headlight
Dimmer Switch
Assembly
W–B
(LFG)
W–B
J21
Key Interlock
Solenoid
(KLS–)
W–B
W–B
(KLS–)
J25
Transmission
Control Switch
W–B
N12
Front Power Window
Regulator Motor LH
(GND)
W–B
(*17)
N4
Front Door Lock
Motor LH
(E)
W–B
N7
Outer Mirror
Control ECU
(GND)
W–B
W–B
N2
Power Window Regulator
Master Switch
(E)
W–B
N5
Outer Rear
View Mirror LH
(MLP–)
W–B
(GND)
W–B
(*11)
(–)
W–B
W–B
2
NJ1
W–B
W–B
W–B
W–B
W–B
W–B
J1


J29
Flasher Relay
(E)
W–B
10
J8
Power Window Regulator Switch (for Back Window)
(E)
W–B
5
6
W–B
W–B
J132
Interior Dome Light Switch Assembly
(E)
W–B
4
2
W–B
W–B
(*18)
(*18)
J12
Windshield Wiper Switch
(EW)
W–B
8
W–B
W–B
(*19)
(*19)
3
W–B
(GND)
J19
A/C Amplifier
9
W–B
(E)
J104
Headlight Leveling Switch
W–B
(*14)
W7
Roof Console Box Assembly
(E)
W–B
(*15)
W6
Room Lamp
(E)
W–B
(*16)
W5
Vanity Light LH
(E)
W–B
(*13)
W4
Vanity Light RH
(E)
W–B
(*13)
W–B
(*15)
W1
Inner Mirror
(E)
W–B
W–B
(*15)
12
JW1
W–B
1
W3
Sliding Roof Control ECU
(E)
W–B
(*12)
J60
Junction Connector
W–B
W–B
12
W–B
W–B
7
W–B
W–B
W–B
W–B
W–B
W–B
J47
Multiplex Tilt and Telescopic ECU
(GND)
W–B
W–B
W–B
W–B
J2

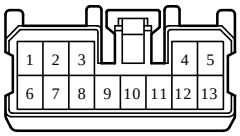

W–B
W–B
W–B
(*18)
W–B
(*18)
(E)
J23
Tow/Haul Pattern Select Switch
W–B
(*19)
W–B
(*19)
(E)
J25
Transmission Control Switch
W–B
(*19)
(E)
*12 : w/ Sliding Roof
*13 : w/ Vanity Light
*14 : Regular Cab w/o Vanity Light
*15 : Except Regular Cab w/o Vanity Light
*16 : Except Regular Cab
*18 : Floor Shift
*19 : Column Shift
W–B
(*18)
(E)
J24
Transmission Control Switch
W–B
(*18)
(E)
J27
Shift Lock Control ECU
W–B
(GND)
J129
Transfer Position Switch
W–B
(E)
J43
Tire Pressure Warning Reset Switch
W–B
W–B
J127
(GND)
A/C Control Assembly
W–B
J30
(E)
Shift Lock Control ECU
W–B
W–B
(E)
J42
No. 1 Power Outlet Socket Assembly
W–B
(*18)
(E)
T2
No. 2 Power Outlet Socket Assembly
W–B
(*18)
(E)
T3
Rear No. 1 Power Outlet Socket Assembly
W–B
(*19)
(E)
T9
Rear No. 1 Power Outlet Socket Assembly
11
TJ1
18
JT1
W–B
(*18)
W–B
(*19)
W–B
W–B
W–B
W–B
(E)
J41
No. 1 Power Outlet Socket Assembly RH
W–B
W–B


W–B
W–B
11
J61
Junction
Connector
J130
Outer Mirror
Switch Assembly
(E)
W–B
(*30)
2
4
W–B
(CG)
J17
DLC3
J125
Back Sonar or
Clearance Sonar
Switch Assembly
(E)
W–B
(*32)
6
9
W–B
(*19)
(E)
J25
Transmission
Control Switch
10
W–B
(*19)
(E)
J52
Back–Up Light Relay
(–S)
W–B
8
1
W–B
(E2)
J131
Outer Mirror
Switch Assembly
7
W–B
(*29)
J4
W–B
(*21 *25)
W–B
(*21 *24)
(GND1)
J137
Radio &
Display
Receiver
Assembly
W–B
(*23)
(GND)
J144
Stereo
Component
Amplifier
Assembly
W–B
(*20)
(GND1)
J133
Navigation
Receiver Assembly
W–B
(*22)
(GND)
J141
Stereo
Component
Amplifier
Assembly
W–B
(*22)
(GND2)
J5
J6
W–B
W–B

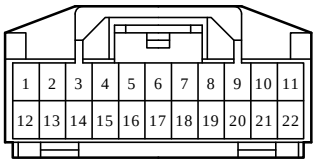

J6 (ESS) Steering Angle Sensor
J57 (GND) Glass Breakage Sensor ECU
J77 (E) Junction Terminal
J123 (GND) Network Gateway ECU
J35 (E) Clearance Sonar ECU
J156 (GND) Brake Control Relay with Bracket
J28 (ES) Combination Meter
M4 (E) Front Door Lock Motor RH
M5 (E) Front Door Lock Switch RH
M6 (MLP–) Outer Rear View Mirror RH
(GND) (*11)
(–)
M10 (GND) Front Power Window Switch RH
M11 (GND) Front Power Window Regulator Motor RH
J46 (E2) Center Airbag ECU
J31 (GND) Tire Pressure Warning ECU
J26 (GND) Transponder Key ECU
J32 (GND) Blower Motor
J61 Junction Connector
MJ2
J3
W–B
BR
(Shielded)
(*26)
(*32)
(*28)
DD
*11 : w/ Remote Control Mirror (w/o Seat Position Memory)
*19 : Column Shift
*20 : w/ Navigation System
*21 : w/o Navigation System
*22 : Separate Type Amplifier JBL Type
*23 : Separate Type Amplifier Except JBL Type
*24 : w/ SDARS
*25 : w/o SDARS
*26 : w/ Blind Spot Monitor System
*28 : w/ Glass Breakage Sensor
*29 : w/ Seat Position Memory
*30 : w/o Seat Position Memory
*32 : w/ Parking Assist (Intuitive Parking Assist)


Z15
Front Power Seat Switch LH (Seat Cushion Control)
W–B
(*29)
2
ZZ2
B
5
Z1
Front Power Seat Switch LH
(E)
(*30)
W–B
Z9
Front Power Seat Control ECU and Switch LH
(GND1)
Z16
Seat Cushion Climate Control Blower LH
(*33)
P10
Rear Window Defogger
Z11
Front Seat Heater LH
(*31)
PZ1
O10
Rear Door Lock Motor LH
W
4
OP1
P8
Cargo Light High Mounted Stop Light
P1
P2
Y17
Seat Cushion Climate Control Blower RH
Y8
Front Seat Heater RH
(*31, *33)
Y9
Front Power Seat Switch RH
(*34)
(*31, *33, *34)
QY2
Q7
Door Control Receiver
QY1
Y2
Occupant Detection ECU
O4
Rear Door Lock Motor RH
OQ1
Q1
Q2
*29 : w/ Seat Position Memory
*30 : w/o Seat Position Memory
*31 : w/ Seat Heater
*33 : w/ Climate Control Seat
*34 : w/ Power Seat (Front Passenger' s Seat)

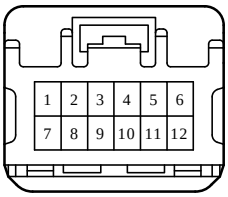
A 44
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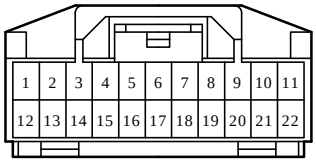
A 45
Blue



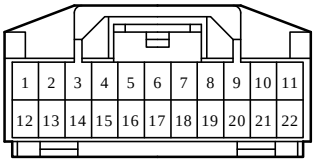
A 52
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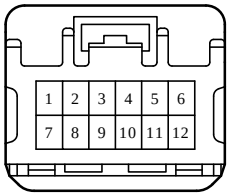
D 71
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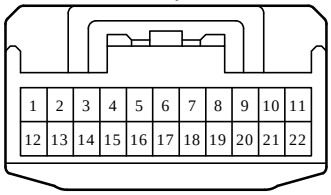
D 73
Blue



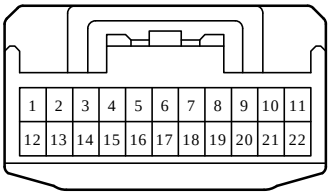
J 60
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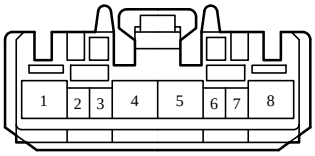
J 61
Gray



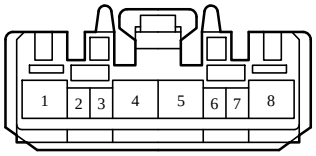
J 65
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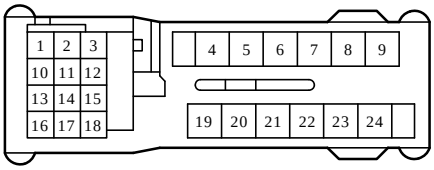
1A
White



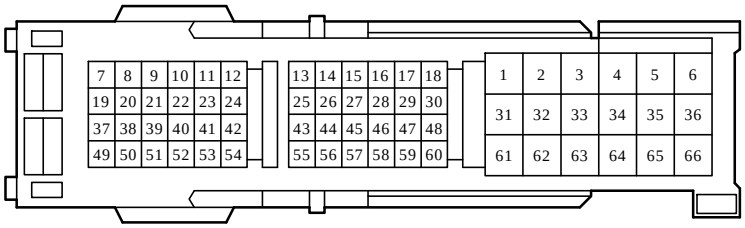
1B
White



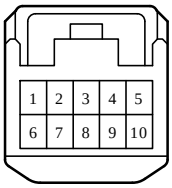
DB
White



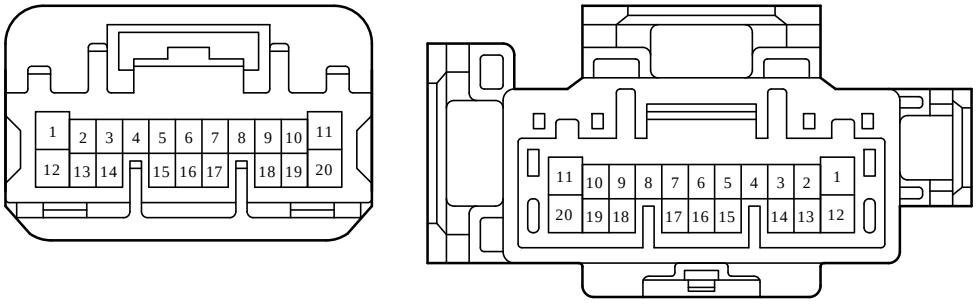
DD
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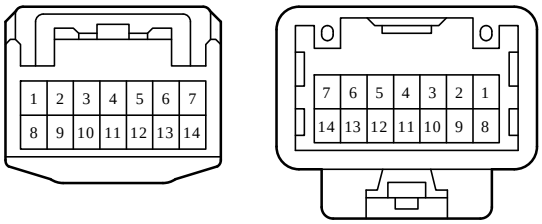
DE
White



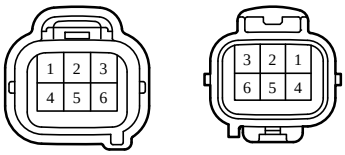
AJ3
White



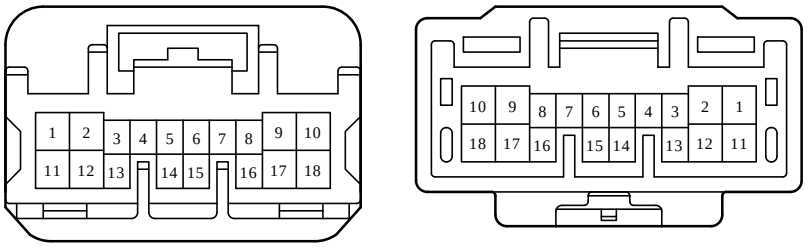
DA1
Black



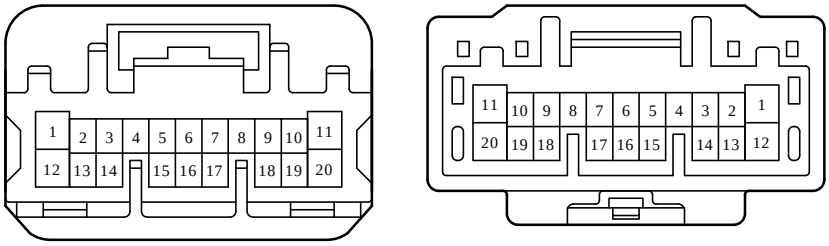
DG1
Black



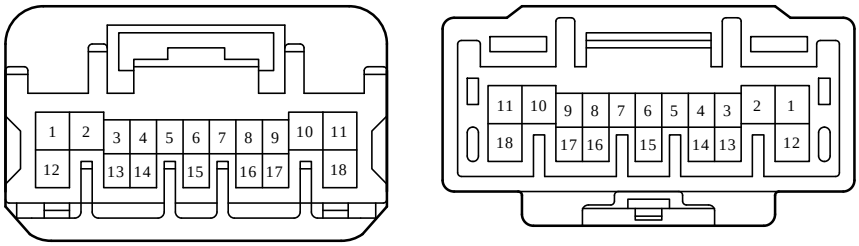
JT1
White



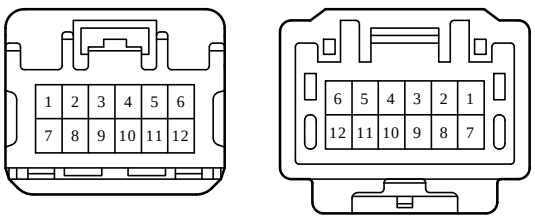
JW1
White



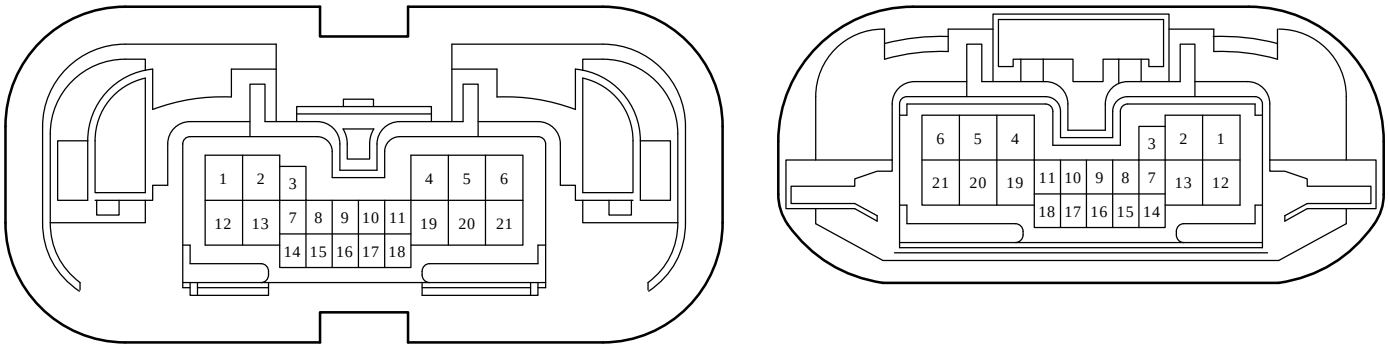
MJ2
Blue



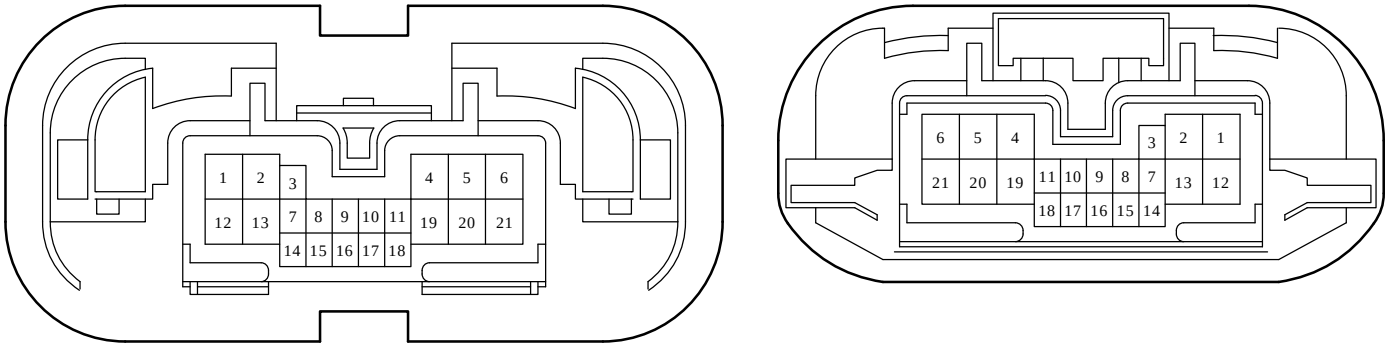
NJ1
Blue



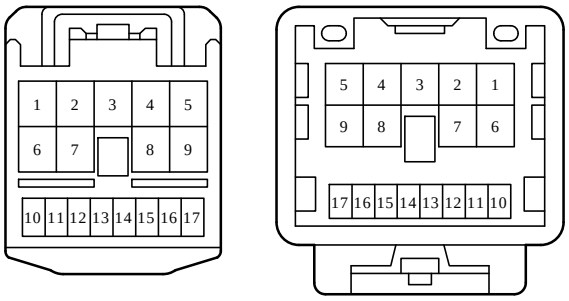
OP1
White



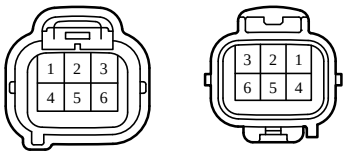
OQ1
White



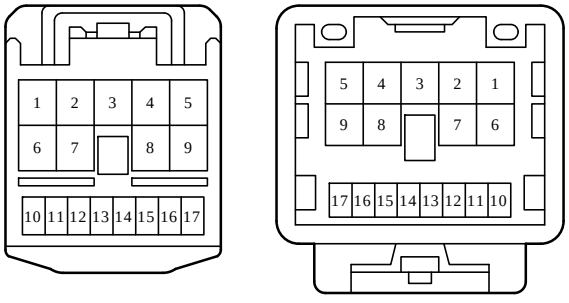
PZ1
White



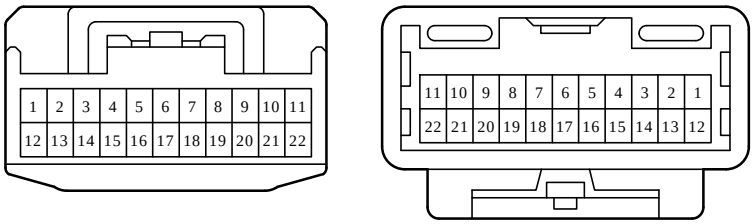
QY1
Gray



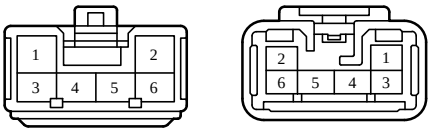
QY2
White



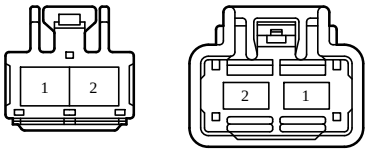
RA1
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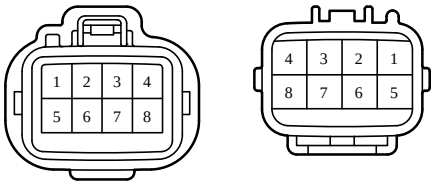
RA2
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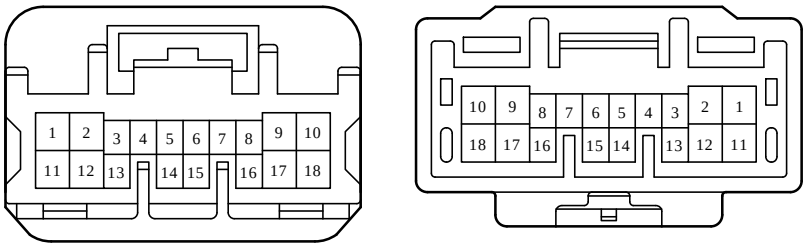
RA4
White



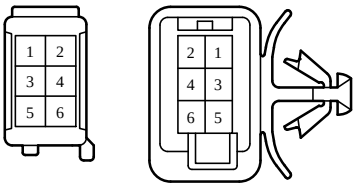
SR1
Black

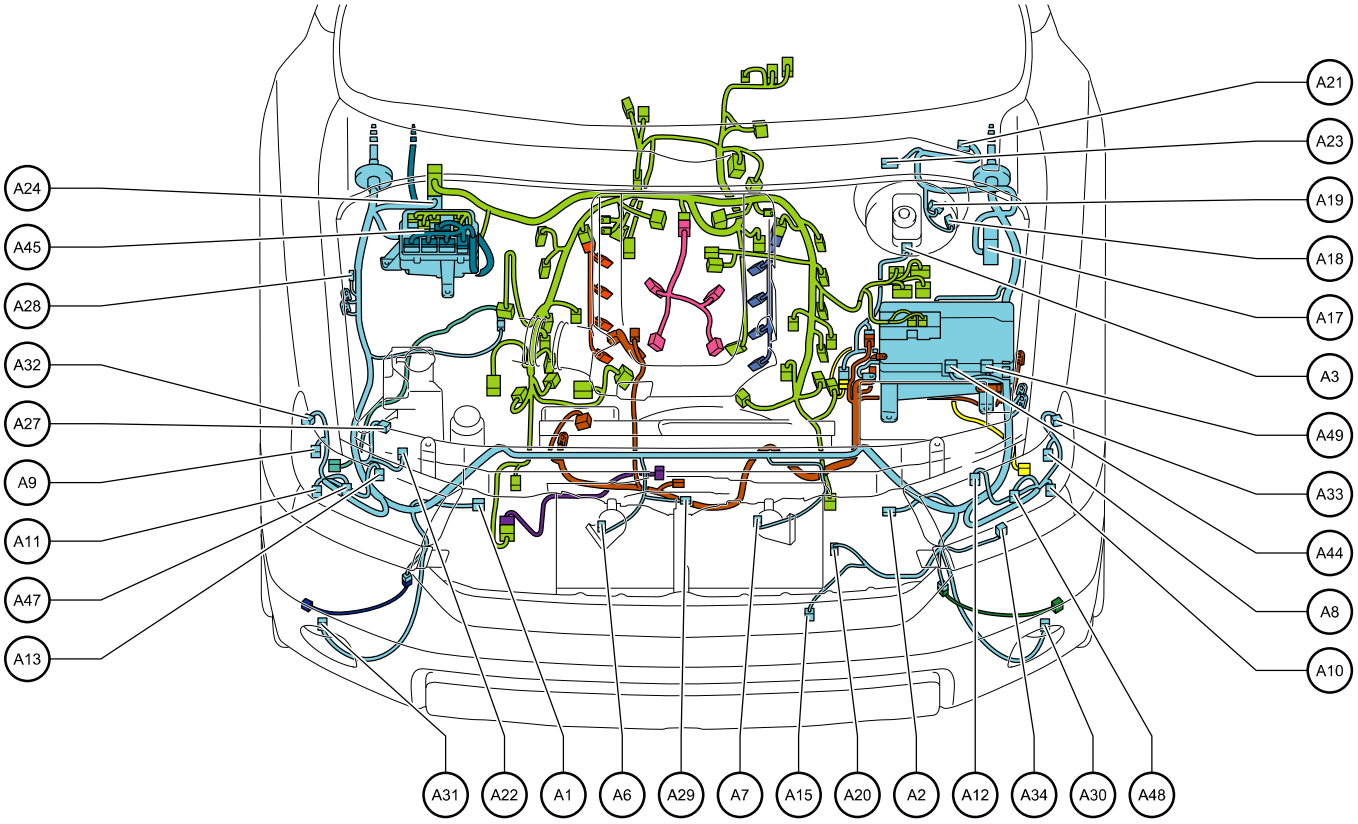


TJ1
White



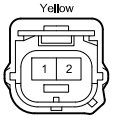
ZZ2
White




A24
A45
A28
A32
A27
A9
A11
A47
A13
A21
A23
A19
A18
A17
A3
A49
A33
A44
A8
A10
A31
A22
A1
A6
A29
A7
A15
A20
A2
A12
A34
A30
A48

A	1	Front Airbag Sensor RH
A	2	Front Airbag Sensor LH
A	3	Brake Fluid Level Warning Switch
A	6	High Pitched Horn
A	7	Low Pitched Horn
A	8	Headlight Assembly LH
A	9	Headlight Assembly RH
A	10	Headlight Assembly LH
A	11	Headlight Assembly RH
A	12	Headlight Assembly LH
A	13	Headlight Assembly RH
A	15	Ambient Temperature Sensor
A	17	Skid Control ECU with Actuator
A	18	Active Brake Booster
A	19	Pedal Stroke Speed Sensor
A	20	A/C Pressure Switch
A	21	Windshield Wiper Motor
A	22	Washer Motor
A	23	Front Wiper Deicer
A	24	Engine Control Module
A	27	Washer Fluid Level Sensor
A	28	Security Horn
A	29	Engine Hood Courtesy Switch
A	30	Fog Light LH
A	31	Fog Light RH
A	32	Headlight Assembly RH
A	33	Headlight Assembly LH
A	34	Wireless Door Lock Buzzer
A	44	Junction Connector
A	45	Junction Connector
A	47	Headlight Leveling Motor RH
A	48	Headlight Leveling Motor LH
A	49	Junction Connector

A 1
Yellow



A 2
Yellow



A 3
Gray



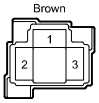
A 6
Black



A 7
Black

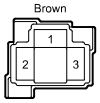


A 8
Brown



(High, Low)

A 9
Brown



(High, Low)

A 10
White



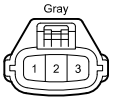
(Daytime Running Light LED Type and Parking LED Light Type)

A 11
White



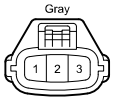
(Daytime Running Light LED Type and Parking LED Light Type)

A 12
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray

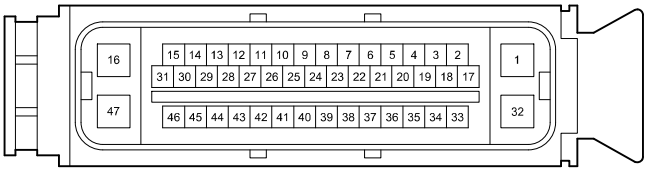


(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

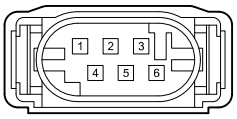
A 15
Black



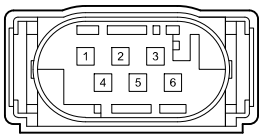
A 17
Black



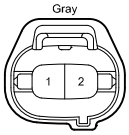
A 18
Black



A 19
Black



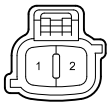
A 20
Gray



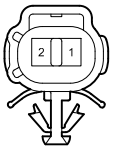
A 21
Black



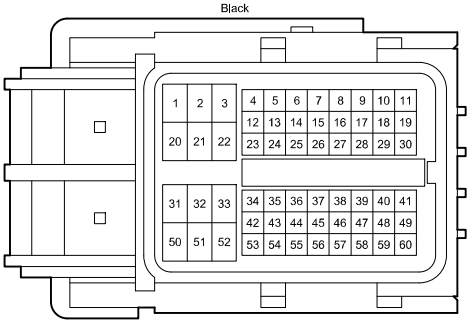
A 22
Black



A 23
Black



A 24
Black



A 27
Black



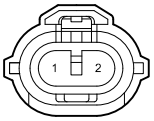
A 28
Black



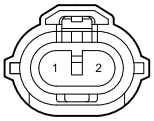
A 29
Black



A 30
Black



A 31
Black



A 32
Gray



(Front Side Marker Light)

A 33
Gray

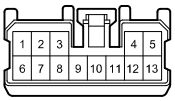


(Front Side Marker Light)

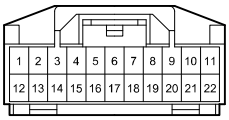
A 34
Black



A 44
White



A 45
Blue



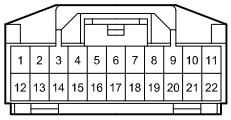
A 47
Black

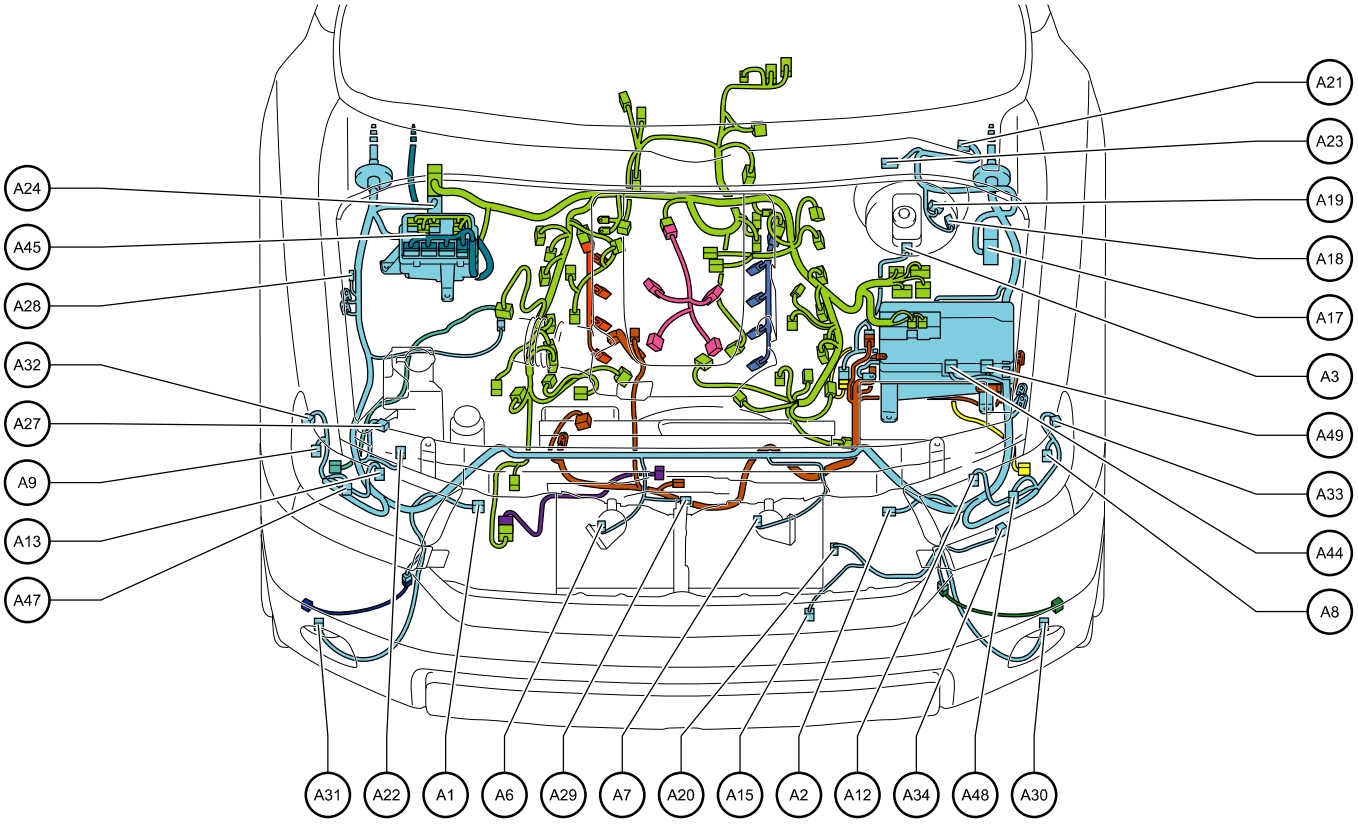


A 48
Black



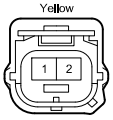
A 49
White




A24
A45
A28
A32
A27
A9
A13
A47
A21
A23
A19
A18
A17
A3
A49
A33
A44
A8
A31
A22
A1
A6
A29
A7
A20
A15
A2
A12
A34
A48
A30

A	1	Front Airbag Sensor RH
A	2	Front Airbag Sensor LH
A	3	Brake Fluid Level Warning Switch
A	6	High Pitched Horn
A	7	Low Pitched Horn
A	8	Headlight Assembly LH
A	9	Headlight Assembly RH
A	12	Headlight Assembly LH
A	13	Headlight Assembly RH
A	15	Ambient Temperature Sensor
A	17	Skid Control ECU with Actuator
A	18	Active Brake Booster
A	19	Pedal Stroke Speed Sensor
A	20	A/C Pressure Switch
A	21	Windshield Wiper Motor
A	22	Washer Motor
A	23	Front Wiper Deicer
A	24	Engine Control Module
A	27	Washer Fluid Level Sensor
A	28	Security Horn
A	29	Engine Hood Courtesy Switch
A	30	Fog Light LH
A	31	Fog Light RH
A	32	Headlight Assembly RH
A	33	Headlight Assembly LH
A	34	Wireless Door Lock Buzzer
A	44	Junction Connector
A	45	Junction Connector
A	47	Headlight Leveling Motor RH
A	48	Headlight Leveling Motor LH
A	49	Junction Connector

A 1
Yellow



A 2
Yellow



A 3
Gray



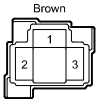
A 6
Black



A 7
Black

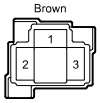


A 8
Brown



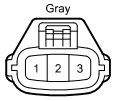
(High, Low)

A 9
Brown



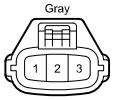
(High, Low)

A 12
Gray



(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

A 13
Gray

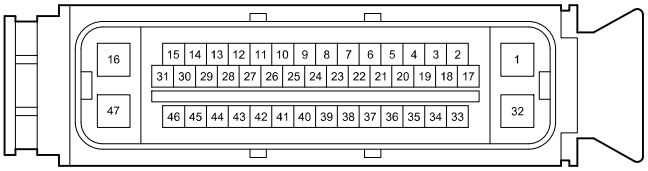


(Parking Halogen Type, Daytime Running Light Halogen Type and Turn Signal Light)

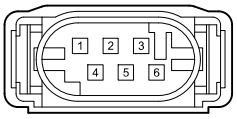
A 15
Black



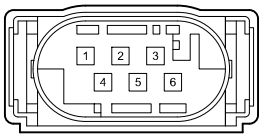
A 17
Black



A 18
Black



A 19
Black



A 20
Gray



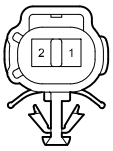
A 21
Black



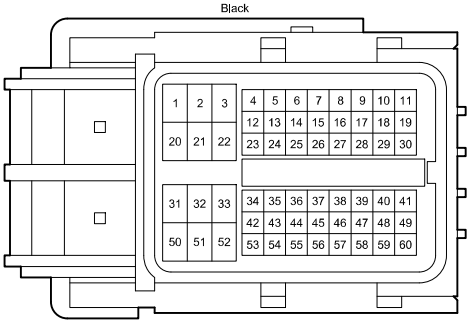
A 22
Black



A 23
Black



A 24
Black



A 27
Black



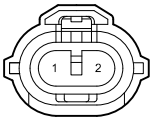
A 28
Black



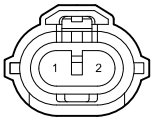
A 29
Black



A 30
Black



A 31
Black



A 32
Gray



(Front Side Marker Light)

A 33
Gray

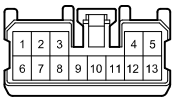


(Front Side Marker Light)

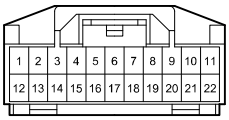
A 34
Black



A 44
White



A 45
Blue



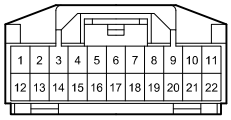
A 47
Black

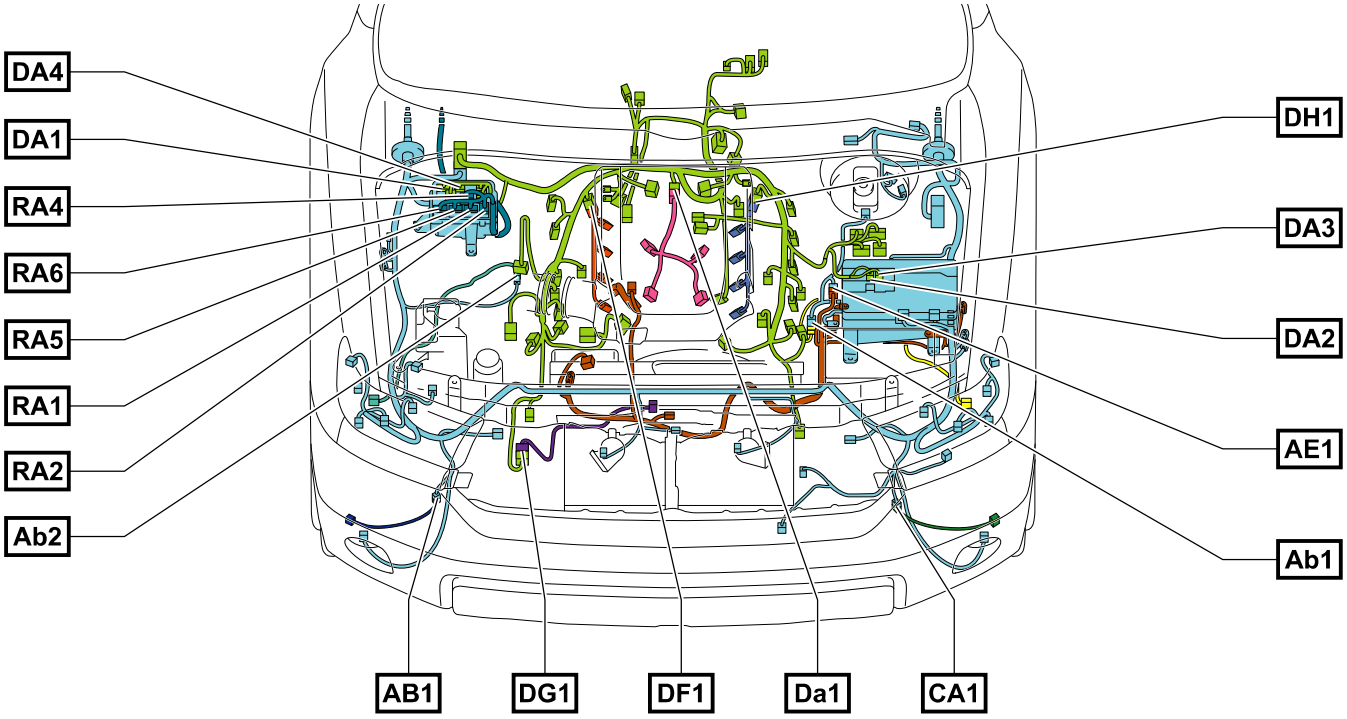


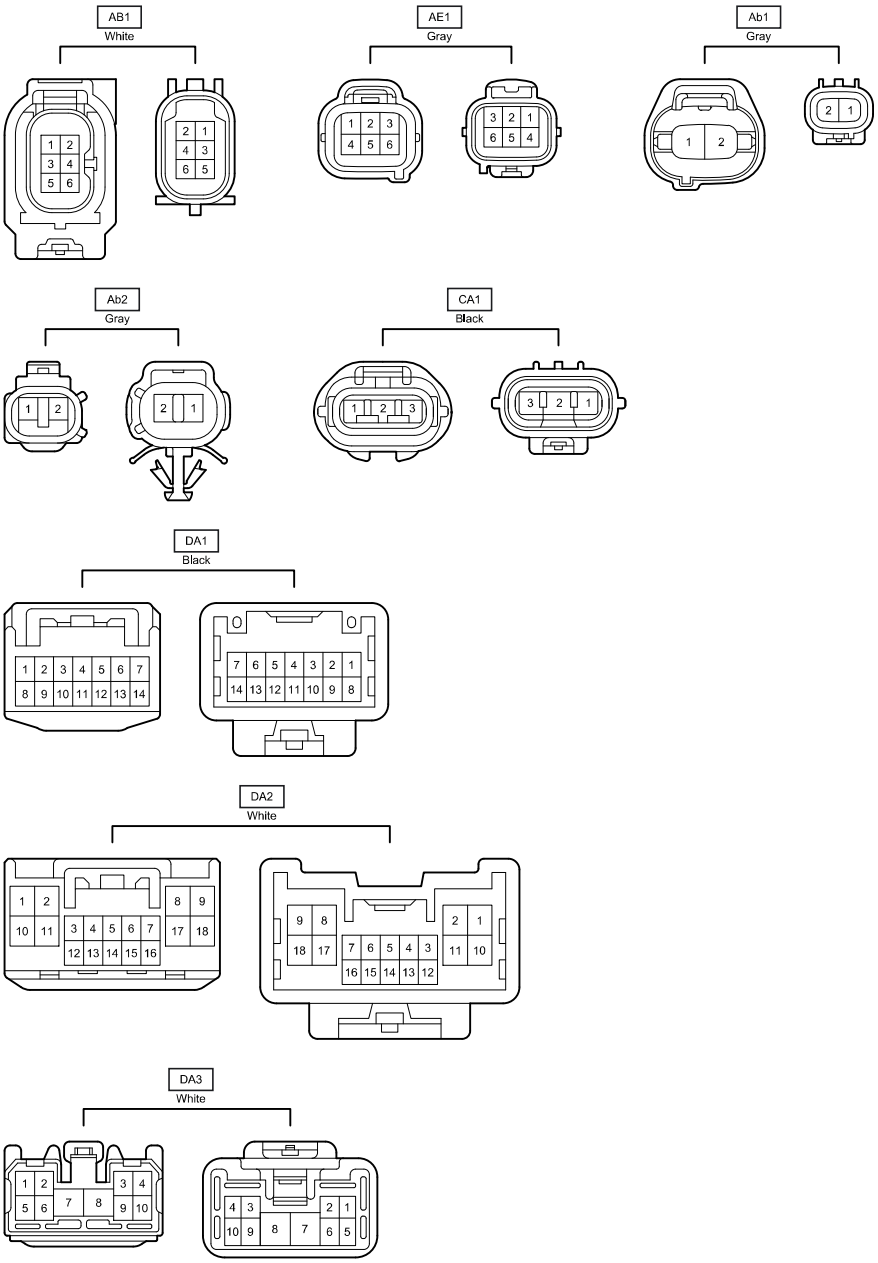
A 48
Black

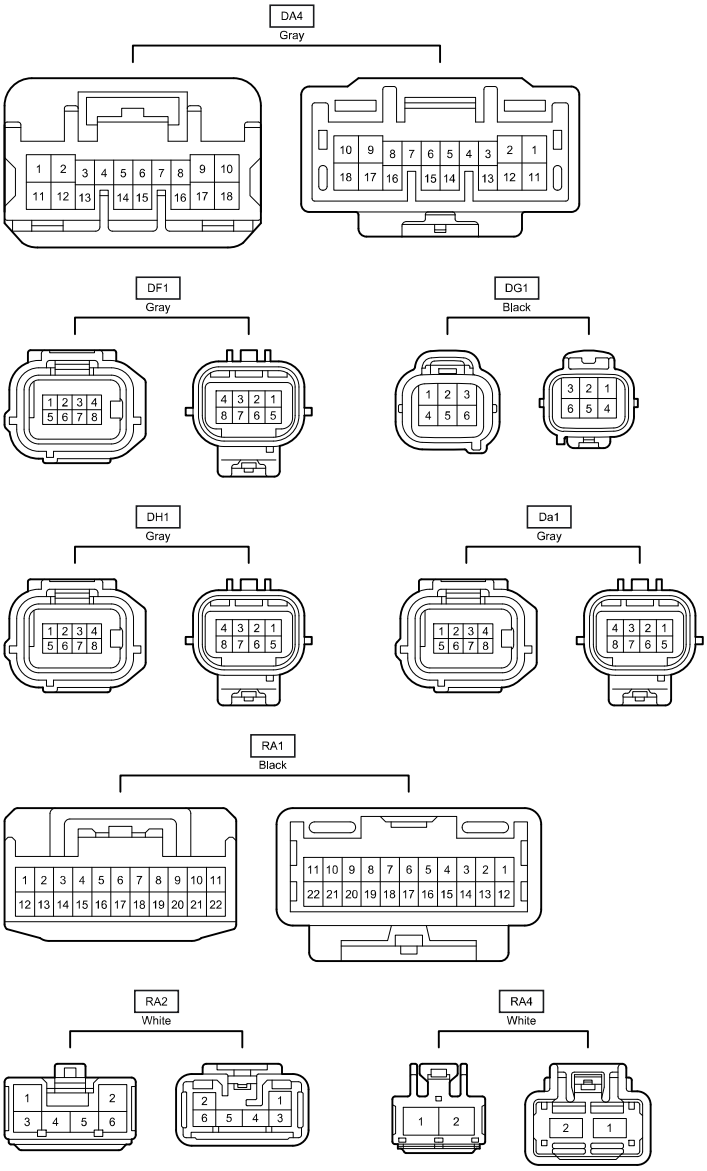


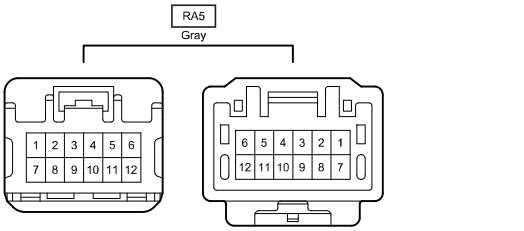
A 49
White

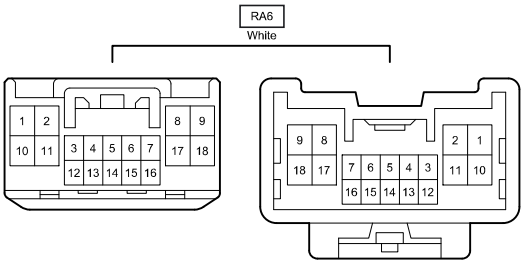


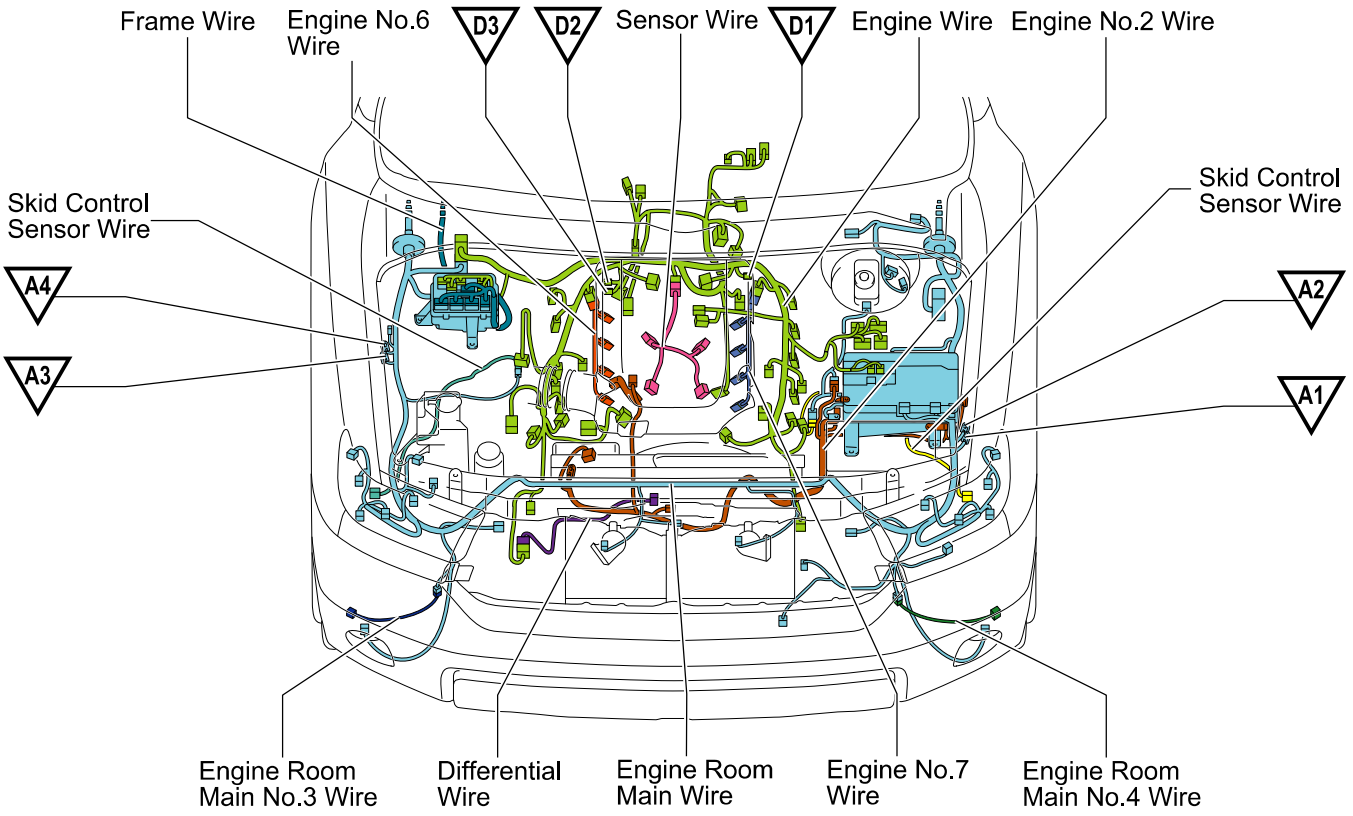

DA4
DA1
RA4
RA6
RA5
RA1
RA2
Ab2
DH1
DA3
DA2
AE1
Ab1
AB1
DG1
DF1
Da1
CA1

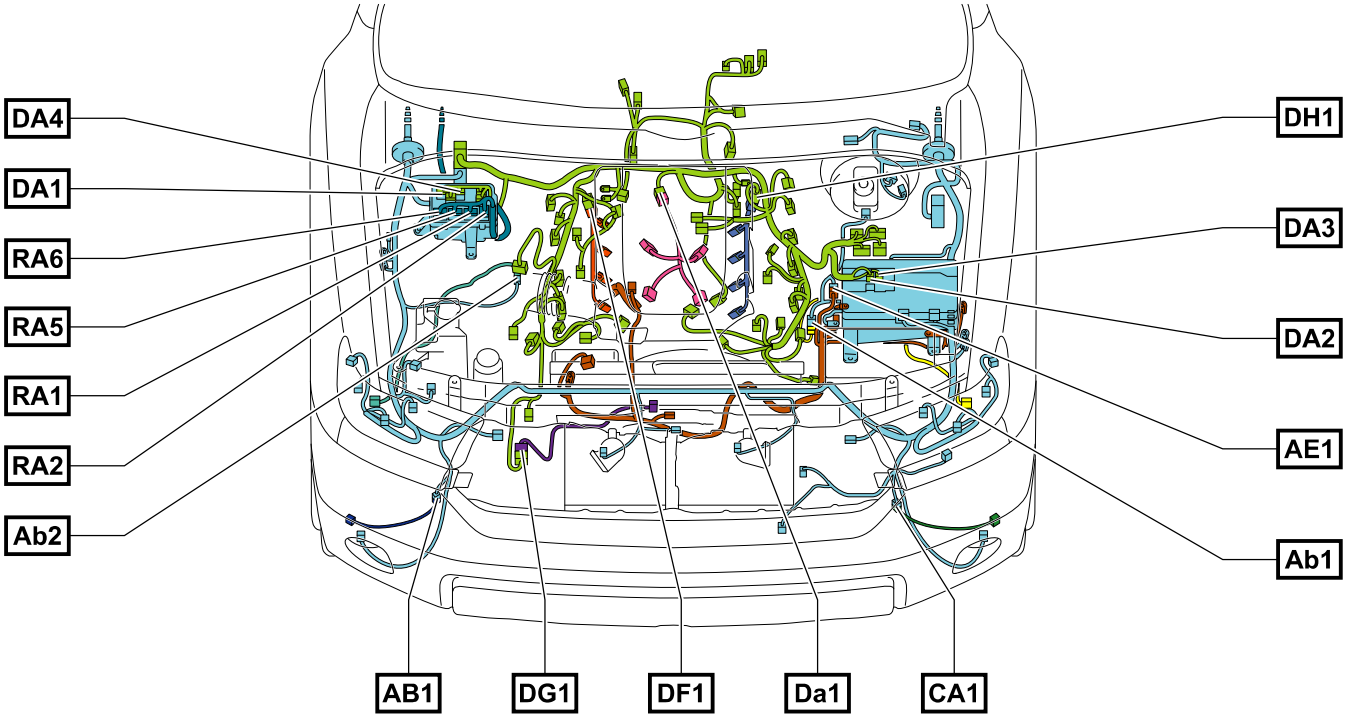

AB1
White
AE1
Gray
Ab1
Gray
Ab2
Gray
CA1
Black
DA1
Black
DA2
White
DA3
White

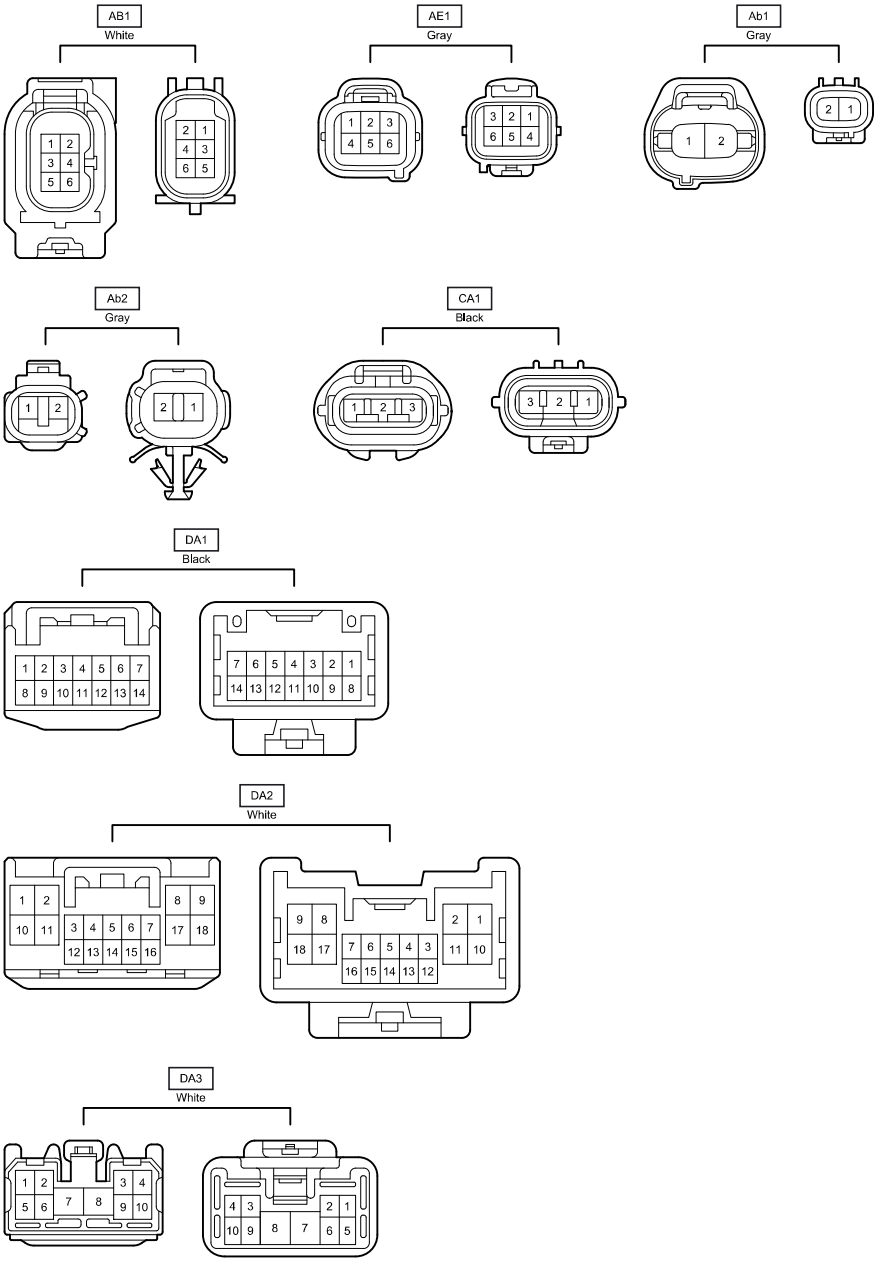

DA4
Gray
DF1
Gray
DG1
Black
DH1
Gray
Da1
Gray
RA1
Black
RA2
White
RA4
White

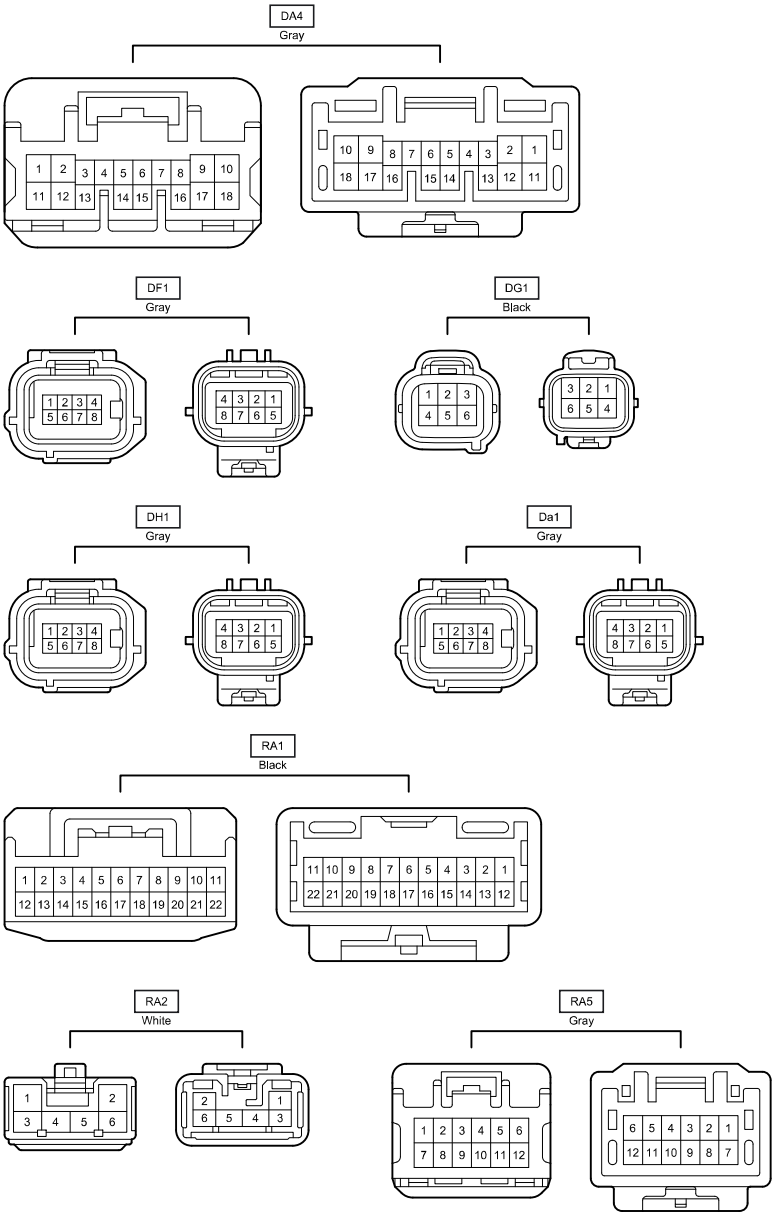

RA5
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

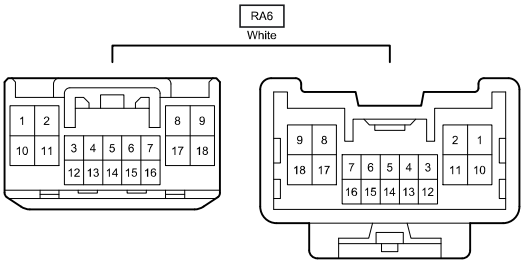

RA6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

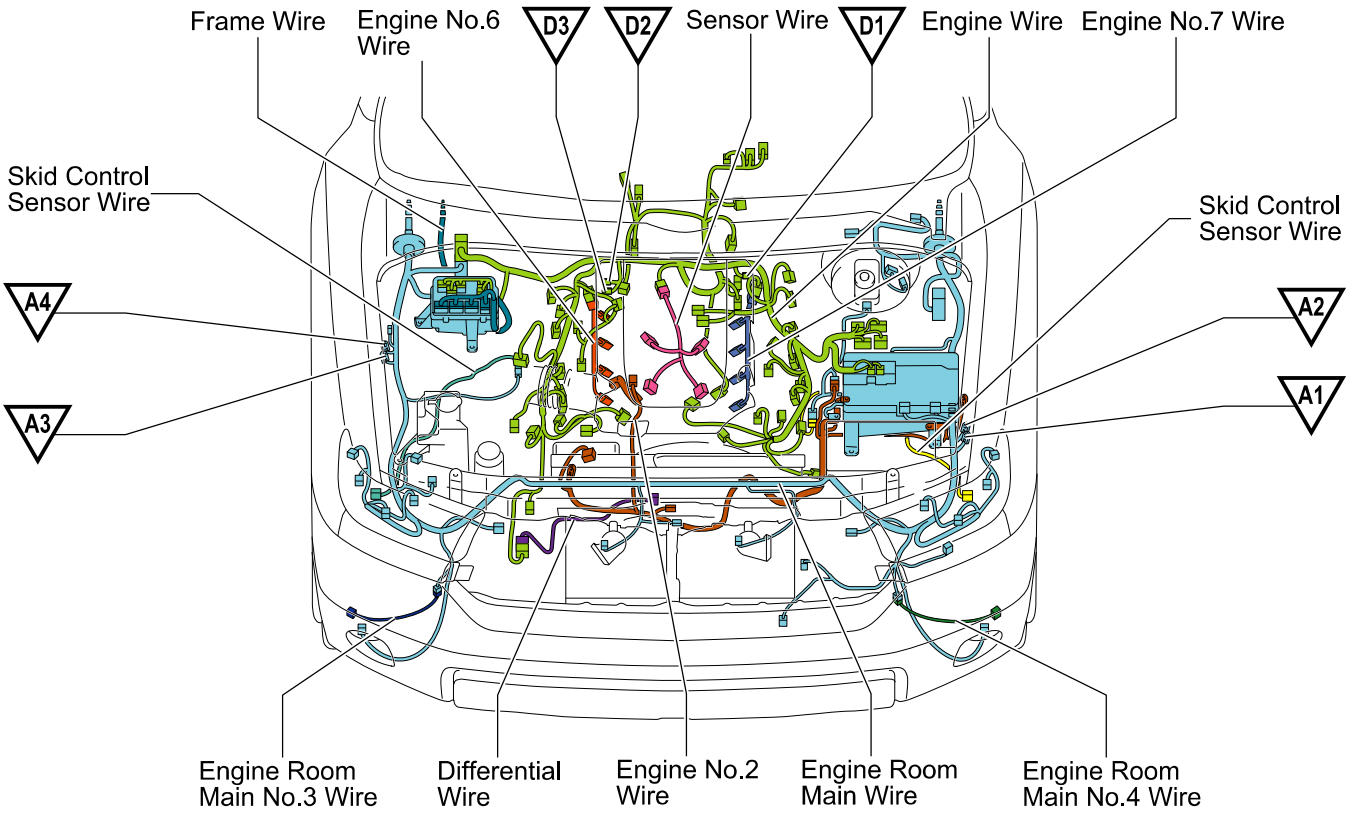

Frame Wire
Engine No.6 Wire
D3
D2
Sensor Wire
D1
Engine Wire
Engine No.2 Wire
Skid Control Sensor Wire
A4
A3
Skid Control Sensor Wire
A2
A1
Engine Room Main No.3 Wire
Differential Wire
Engine Room Main Wire
Engine No.7 Wire
Engine Room Main No.4 Wire


DA4
DA1
RA6
RA5
RA1
RA2
Ab2
DH1
DA3
DA2
AE1
Ab1
AB1
DG1
DF1
Da1
CA1


AB1
White
1 2
3 4
5 6
2 1
4 3
6 5
AE1
Gray
1 2 3
4 5 6
3 2 1
6 5 4
Ab1
Gray
1 2
2 1
Ab2
Gray
1 2
2 1
CA1
Black
1 2 3
3 2 1
DA1
Black
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8
DA2
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10
DA3
White
1 2
5 6
7
8
3 4
9 10
4 3
10 9
8
7
2 1
6 5

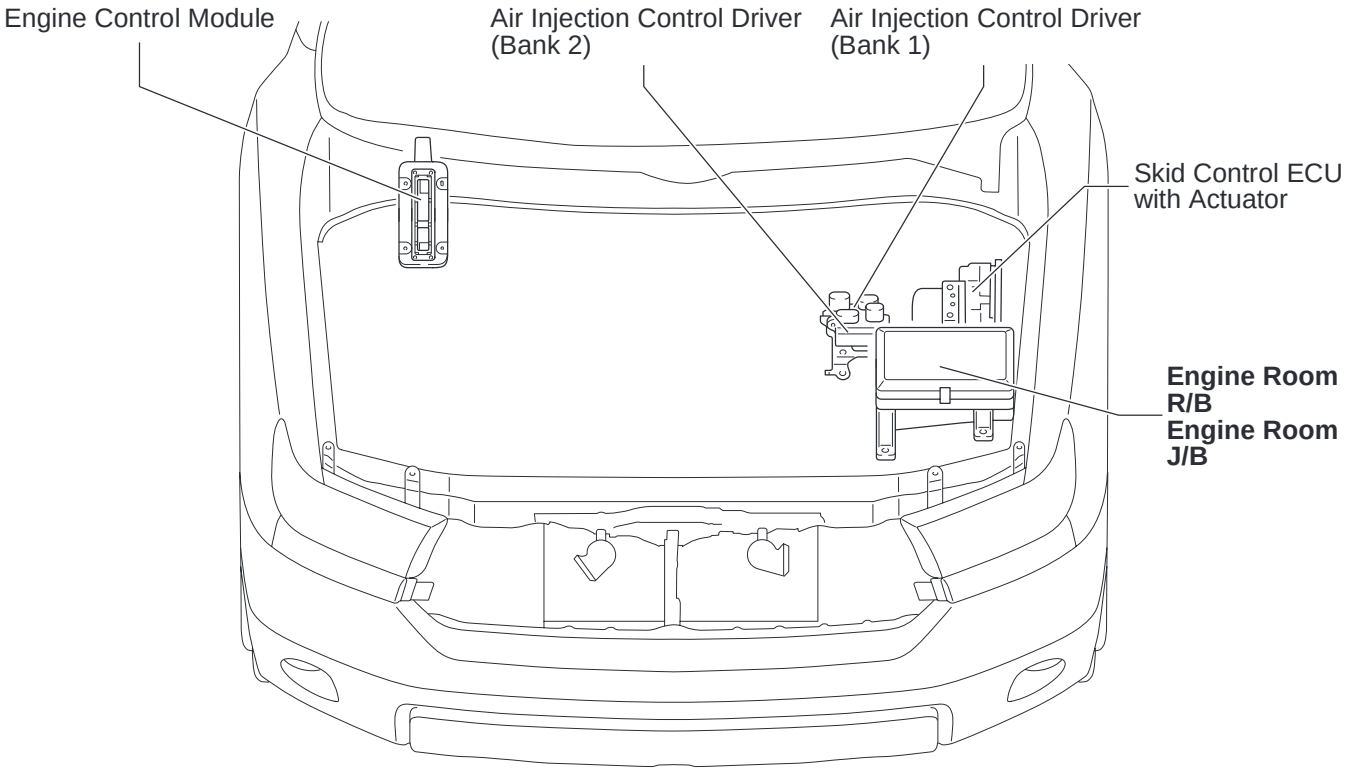

DA4
Gray
DF1
Gray
DG1
Black
DH1
Gray
Da1
Gray
RA1
Black
RA2
White
RA5
Gray


RA6
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


Frame Wire
Engine No.6 Wire
D3
D2
Sensor Wire
D1
Engine Wire
Engine No.7 Wire
Skid Control Sensor Wire
A4
A3
Skid Control Sensor Wire
A2
A1
Engine Room Main No.3 Wire
Differential Wire
Engine No.2 Wire
Engine Room Main Wire
Engine Room Main No.4 Wire

F RELAY LOCATIONS

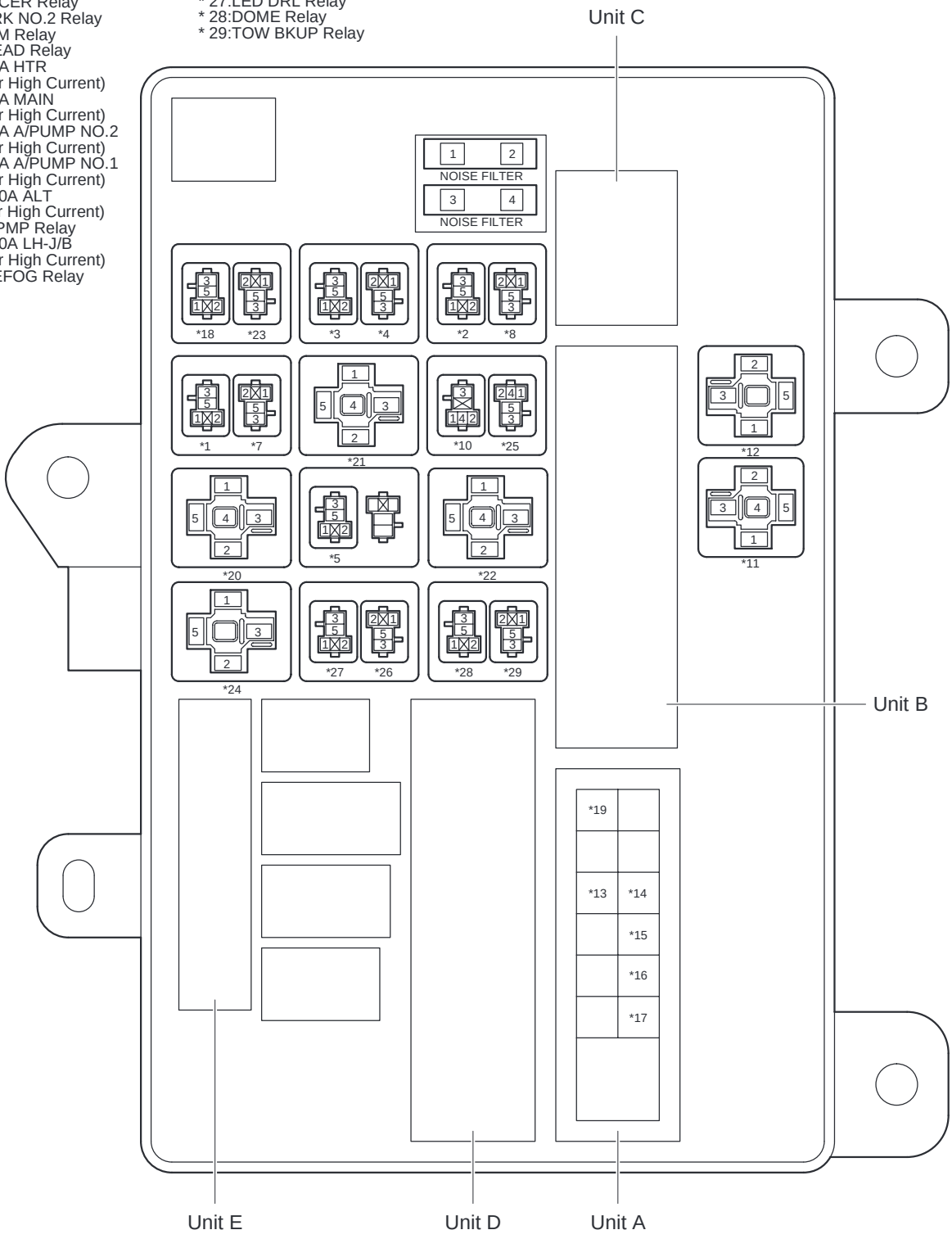
[Engine Compartment]

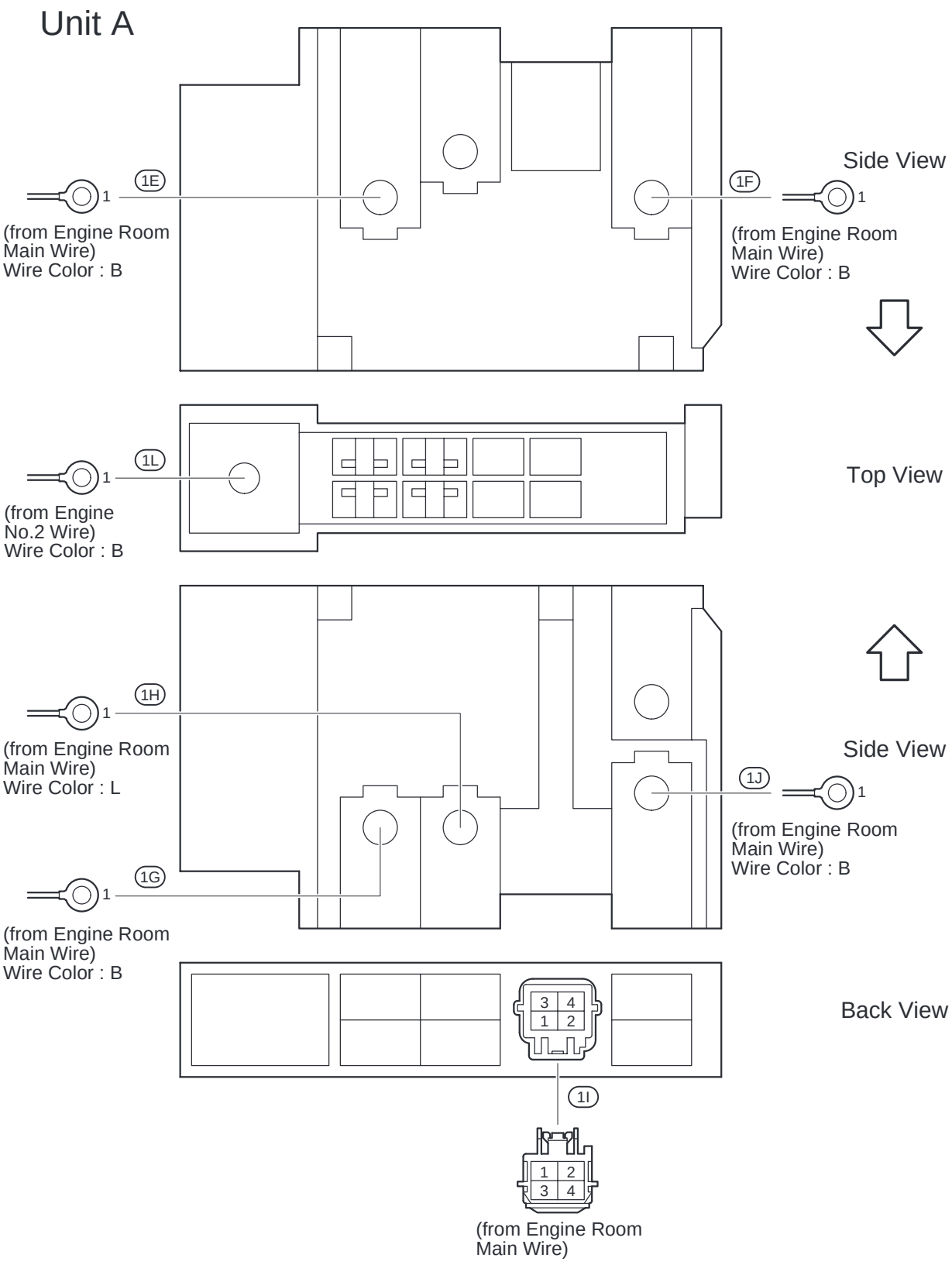


F RELAY LOCATIONS

① : Engine Room R/B ⬭ : Engine Room J/B	Engine Compartment Left (See Page 20)

* 1:SUB BATT Relay
* 2:TOW TAIL Relay
* 3:SECURITY HORN Relay
* 4:FOG Relay
* 5:ST Relay
* 7:MG CLT Relay
* 8:DEICER Relay
* 10:BRK NO.2 Relay
* 11:DIM Relay
* 12:HEAD Relay
* 13:50A HTR (for High Current)
* 14:40A MAIN (for High Current)
* 15:50A A/PUMP NO.2 (for High Current)
* 16:50A A/PUMP NO.1 (for High Current)
* 17:180A ALT (for High Current)
* 18:F/PMP Relay
* 19:150A LH-J/B (for High Current)
* 20:DEFOG Relay
* 21:BACK P/W NO.1 Relay
* 22:BACK P/W NO.2 Relay
* 23:F/PMP VSV Relay
* 24:C/OPN Relay
* 25:BRK NO.1 Relay
* 26:AI-HTR Relay
* 27:LED DRL Relay
* 28:DOME Relay
* 29:TOW BKUP Relay

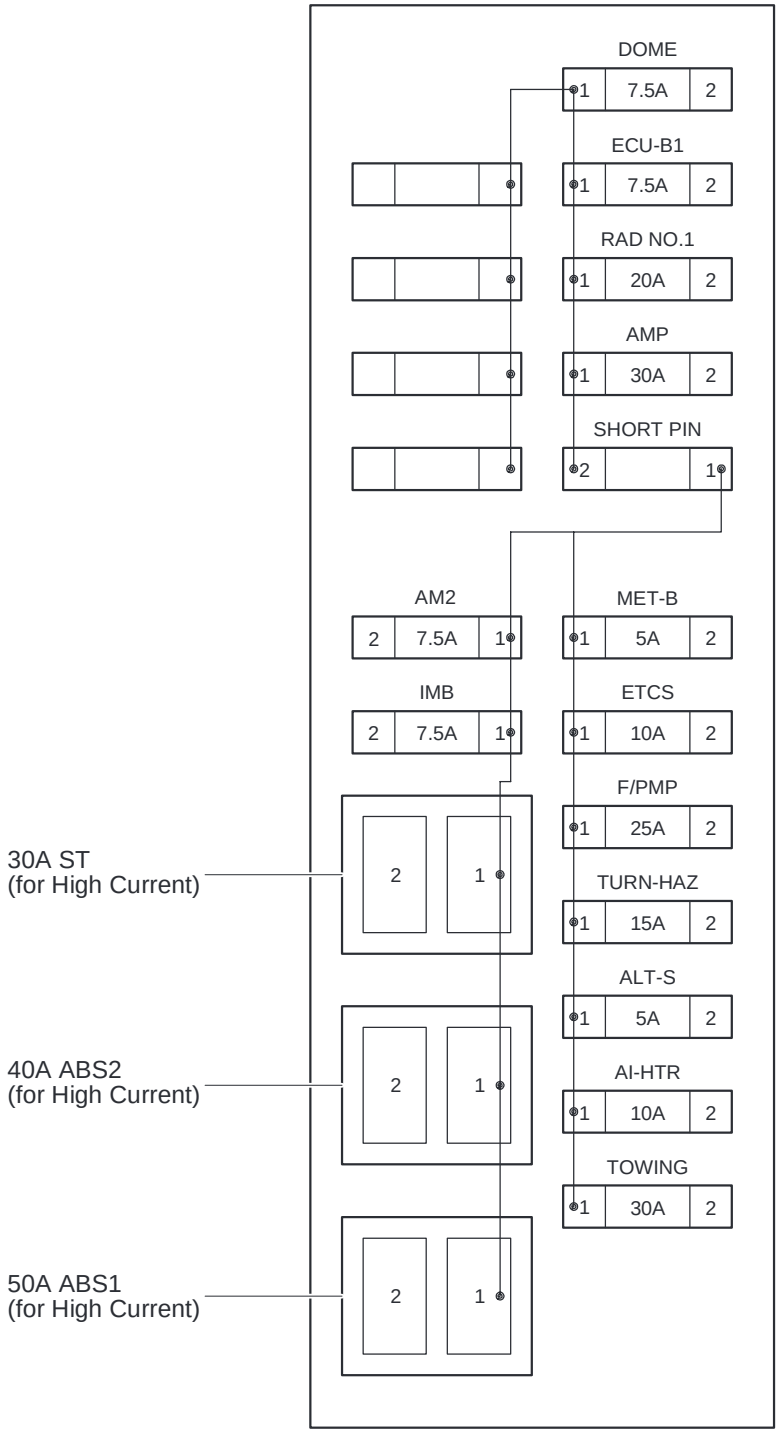



Unit A
Side View
1E
1F
1
1
(from Engine Room Main Wire)
Wire Color : B
(from Engine Room Main Wire)
Wire Color : B
Top View
1L
1
(from Engine No.2 Wire)
Wire Color : B
Side View
1H
1J
1
1
(from Engine Room Main Wire)
Wire Color : L
(from Engine Room Main Wire)
Wire Color : B
1G
1
(from Engine Room Main Wire)
Wire Color : B
Back View
3 4
1 2
1I
1 2
3 4
(from Engine Room Main Wire)

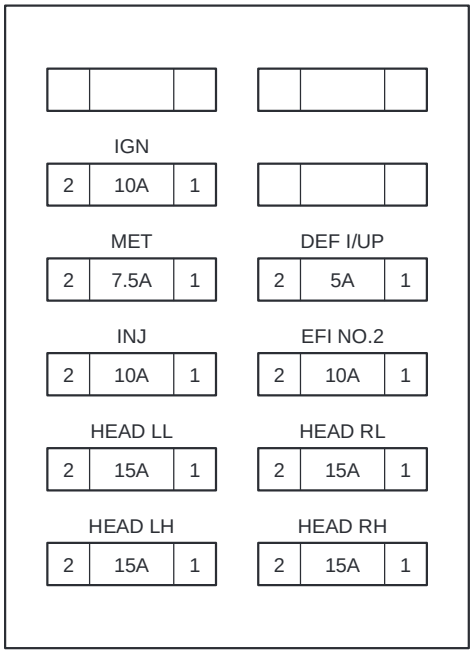
F RELAY LOCATIONS

① : Engine Room R/B ⬭ : Engine Room J/B	Engine Compartment Left (See Page 20)

Unit B



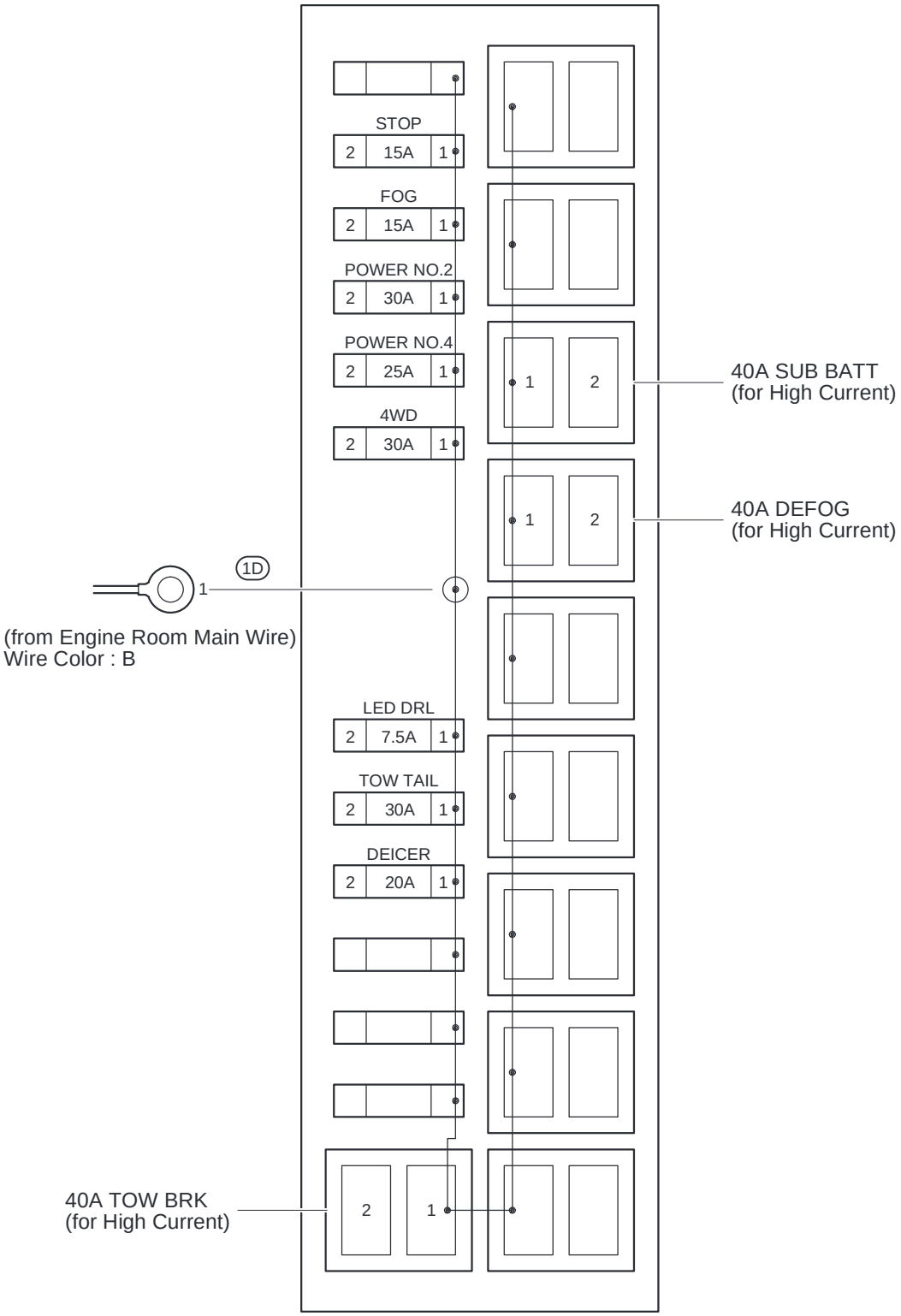
Unit C


IGN
2
10A
1
MET
2
7.5A
1
DEF I/UP
2
5A
1
INJ
2
10A
1
EFI NO.2
2
10A
1
HEAD LL
2
15A
1
HEAD RL
2
15A
1
HEAD LH
2
15A
1
HEAD RH
2
15A
1

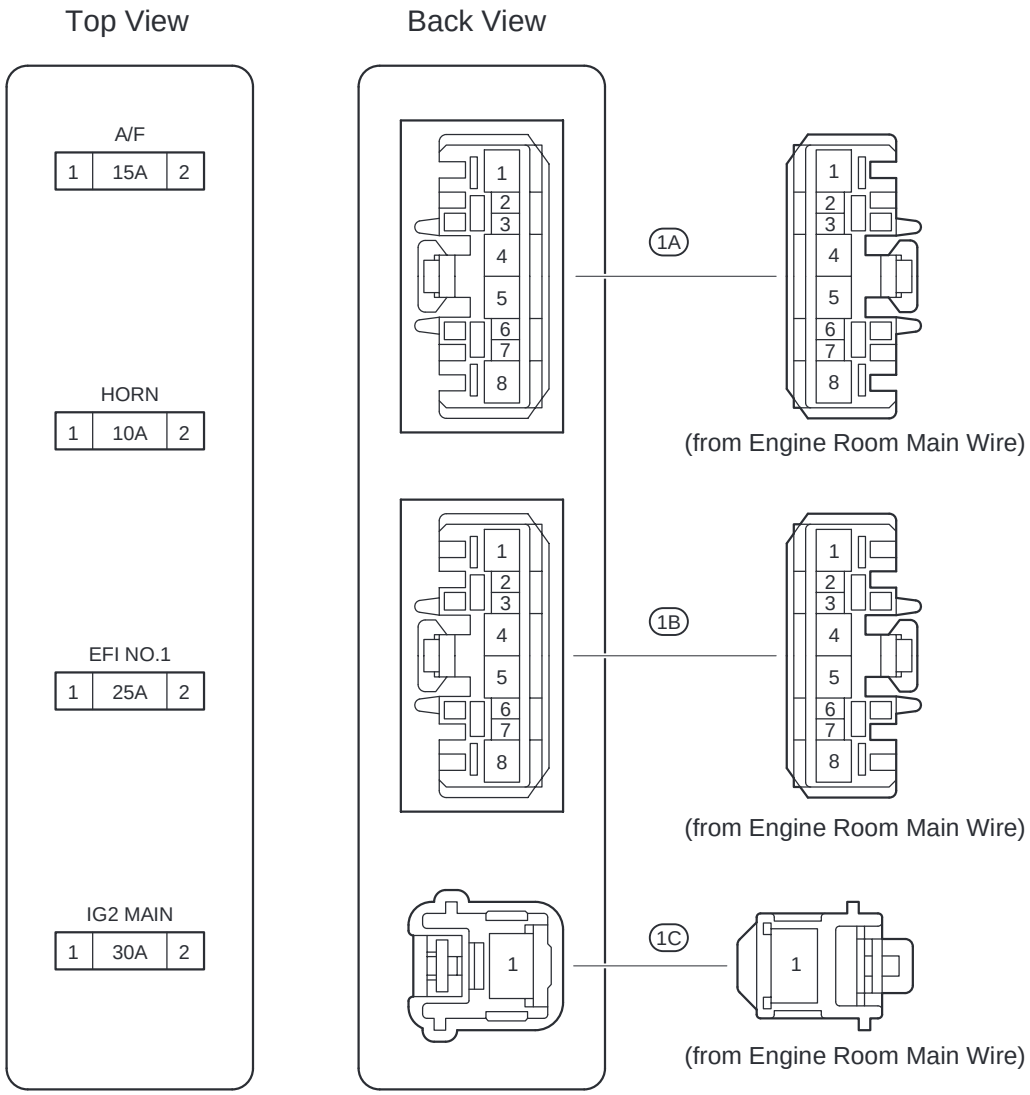
F RELAY LOCATIONS

① : Engine Room R/B ⬭ : Engine Room J/B	Engine Compartment Left (See Page 20)

Unit D

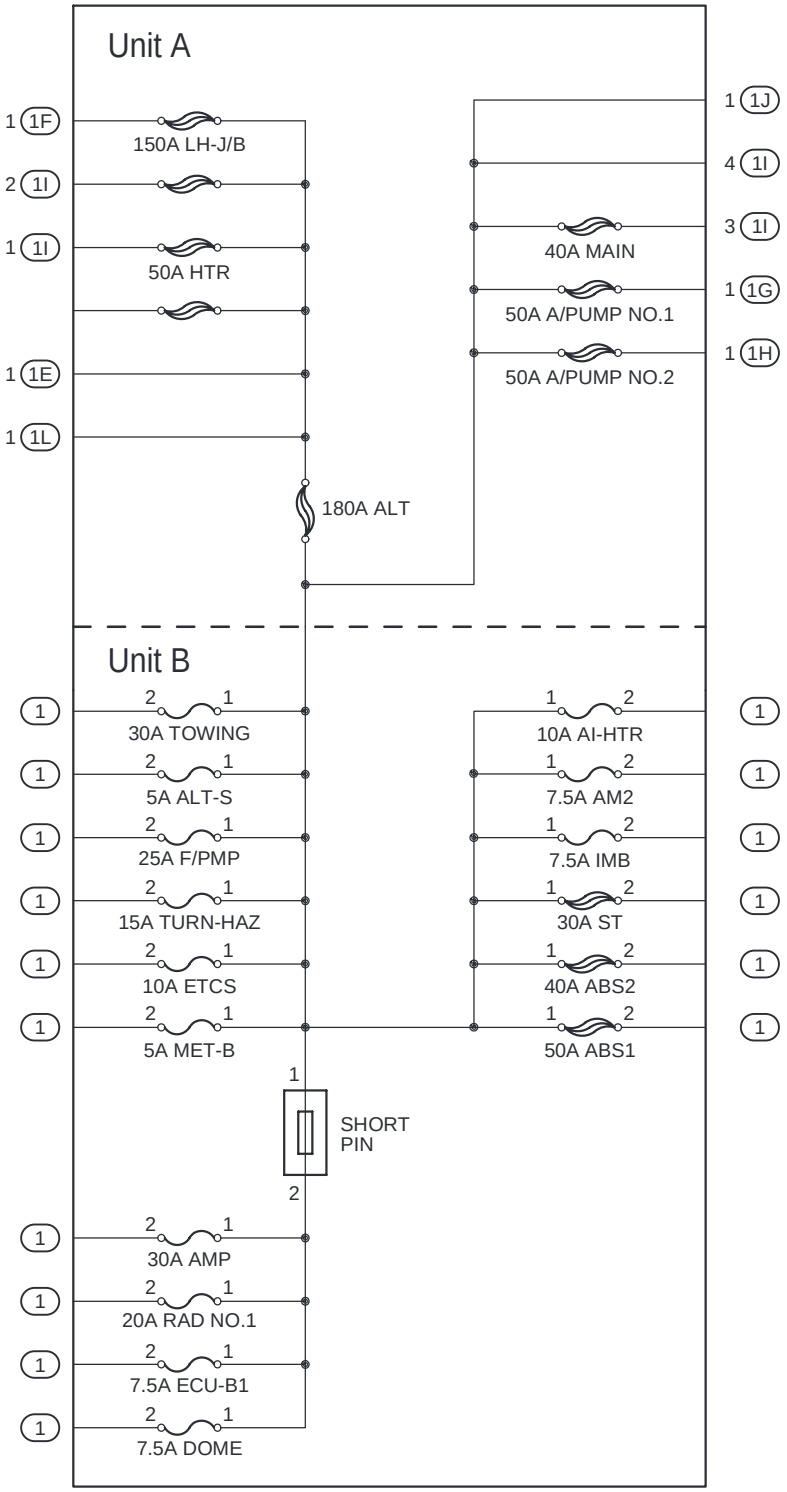


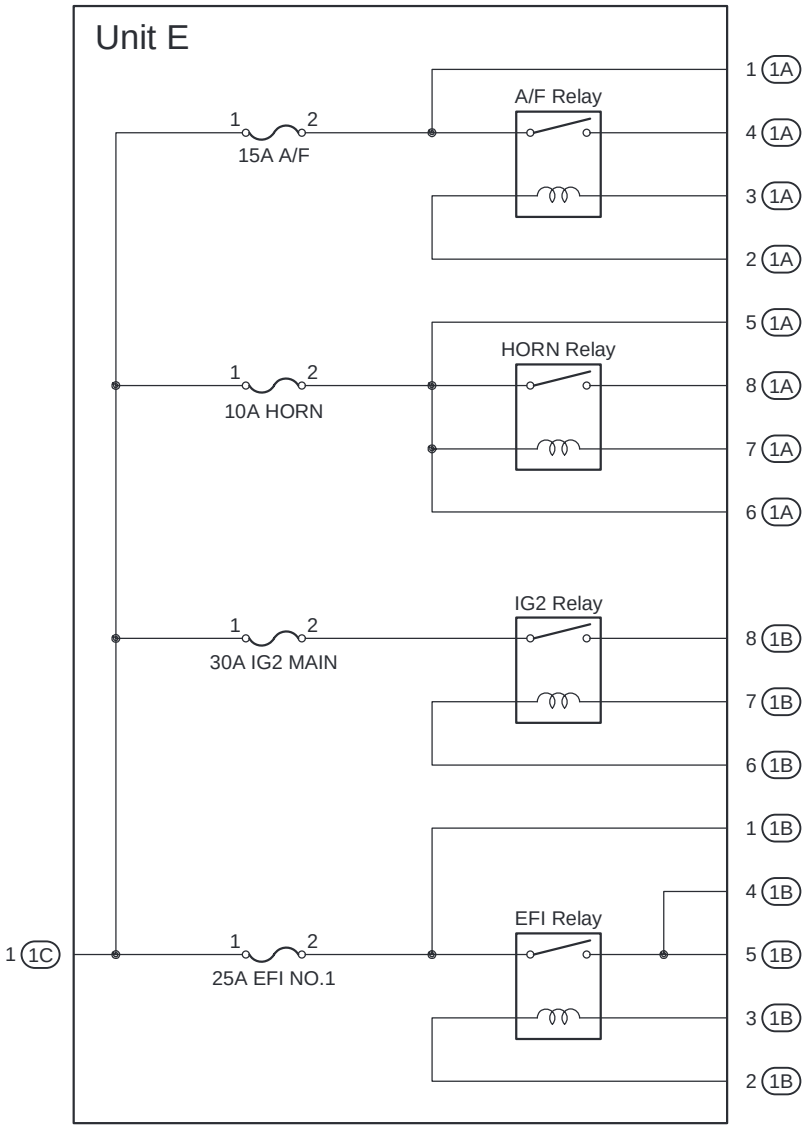
Unit E

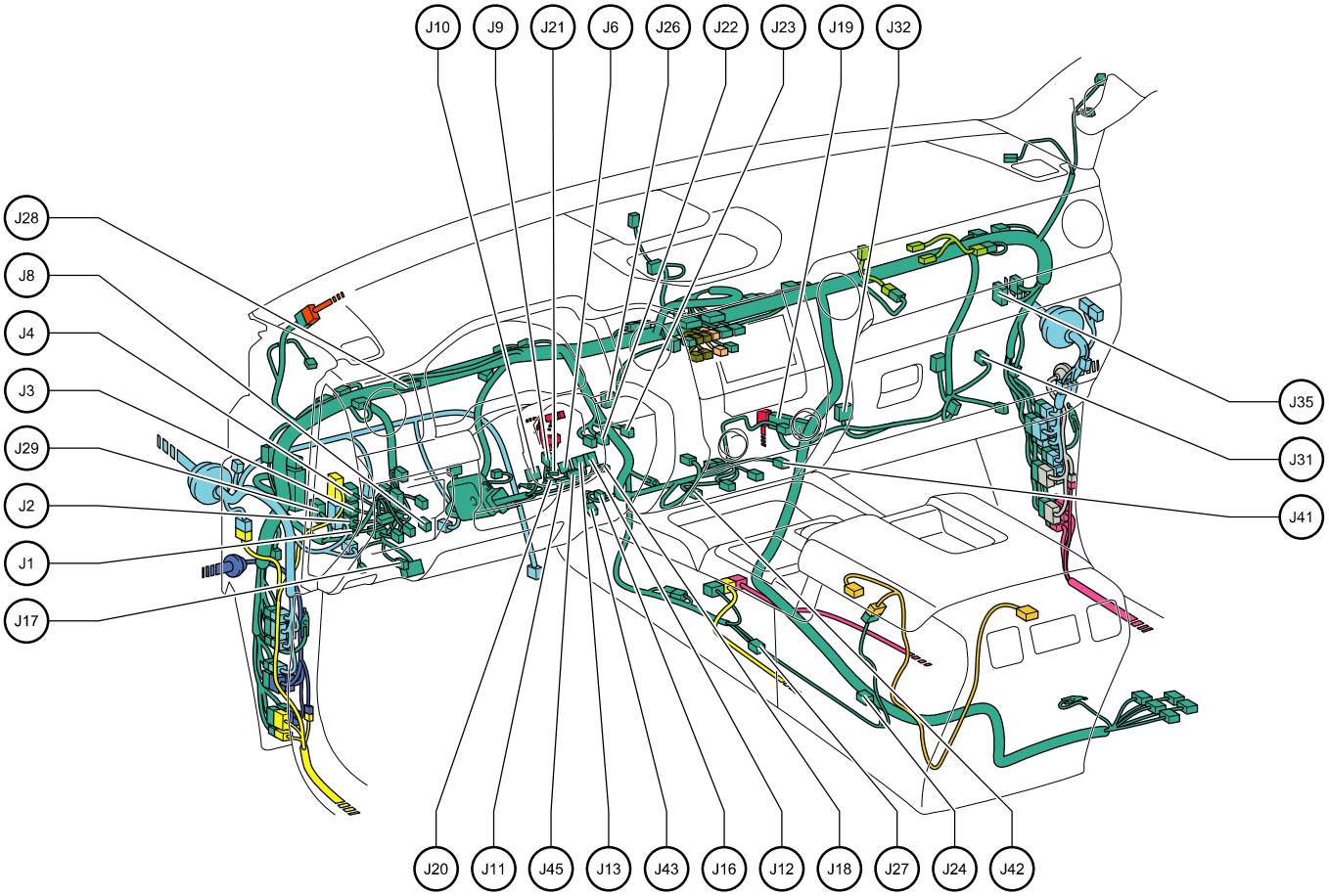

Top View
Back View
A/F
1
15A
2
HORN
1
10A
2
EFI NO.1
1
25A
2
IG2 MAIN
1
30A
2
1
2
3
4
5
6
7
8
1A
(from Engine Room Main Wire)
1B
(from Engine Room Main Wire)
1C
(from Engine Room Main Wire)

F RELAY LOCATIONS

[Engine Room R/B and Engine Room J/B Inner Circuit]

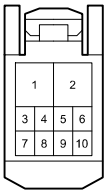



Unit E
A/F Relay
15A A/F
HORN Relay
10A HORN
IG2 Relay
30A IG2 MAIN
EFI Relay
25A EFI NO.1
1 1C
1 1A
4 1A
3 1A
2 1A
5 1A
8 1A
7 1A
6 1A
8 1B
7 1B
6 1B
1 1B
4 1B
5 1B
3 1B
2 1B

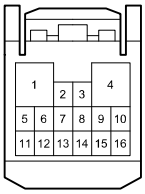

J10
J9
J21
J6
J26
J22
J23
J19
J32
J28
J8
J4
J3
J29
J2
J1
J17
J35
J31
J41
J20
J11
J45
J13
J43
J16
J12
J18
J27
J24
J42

J	1	Main Body ECU
J	2	Main Body ECU
J	3	Main Body ECU
J	4	Main Body ECU
J	6	Steering Angle Sensor
J	8	Power Window Regulator Switch (for Back Window)
J	9	Ignition Switch
J	10	Headlight Dimmer Switch Assembly
J	11	Spiral Cable
J	12	Windshield Wiper Switch
J	13	Windshield Wiper Switch
J	16	Room Temperature Sensor
J	17	DLC3
J	18	Unlock Warning Switch
J	19	A/C Amplifier
J	20	Transponder Key Amplifier
J	21	Key Interlock Solenoid
J	22	VSC OFF Switch
J	23	Tow/Haul Pattern Select Switch
J	24	Transmission Control Switch
J	26	Transponder Key ECU
J	27	Shift Lock Control ECU
J	28	Combination Meter
J	29	Flasher Relay
J	31	Tire Pressure Warning ECU
J	32	Blower Motor
J	35	Clearance Sonar ECU
J	41	No.1 Power Outlet Socket Assembly RH
J	42	No.1 Power Outlet Socket Assembly LH
J	43	Tire Pressure Warning Reset Switch
J	45	Spiral Cable

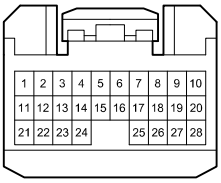
J 1
White



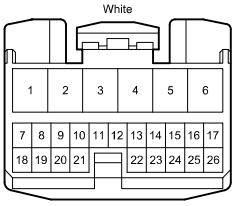
J 2
White



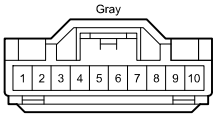
J 3
White



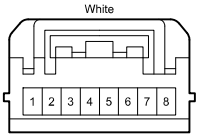
J 4
White



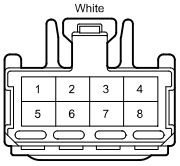
J 6
Gray



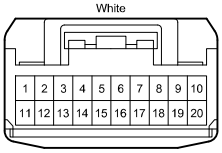
J 8
White



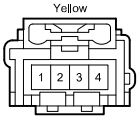
J 9
White



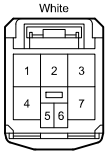
J 10
White



J 11
Yellow



J 12
White



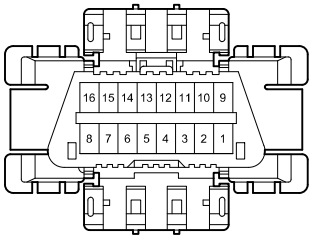
J 13
White



J 16
Black



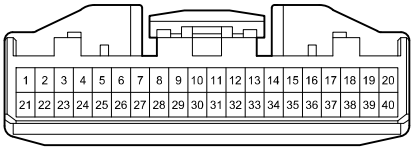
J 17
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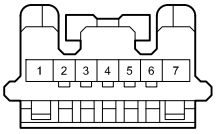
J 18
White



J 19
White



J 20
Black



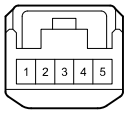
J 21
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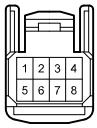
J 22
Black



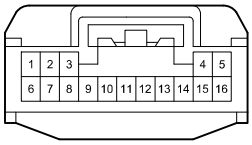
J 23
Black



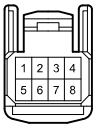
J 24
White



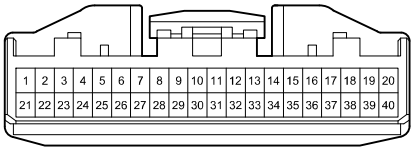
J 26
White



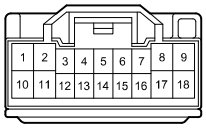
J 27
White



J 28
Black



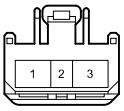
J 29
White



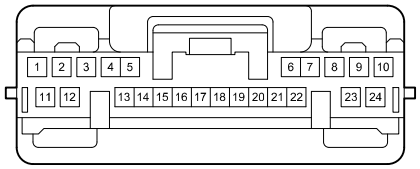
J 31
White



J 32
Black



J 35
Black



J 41
White



J 42
White

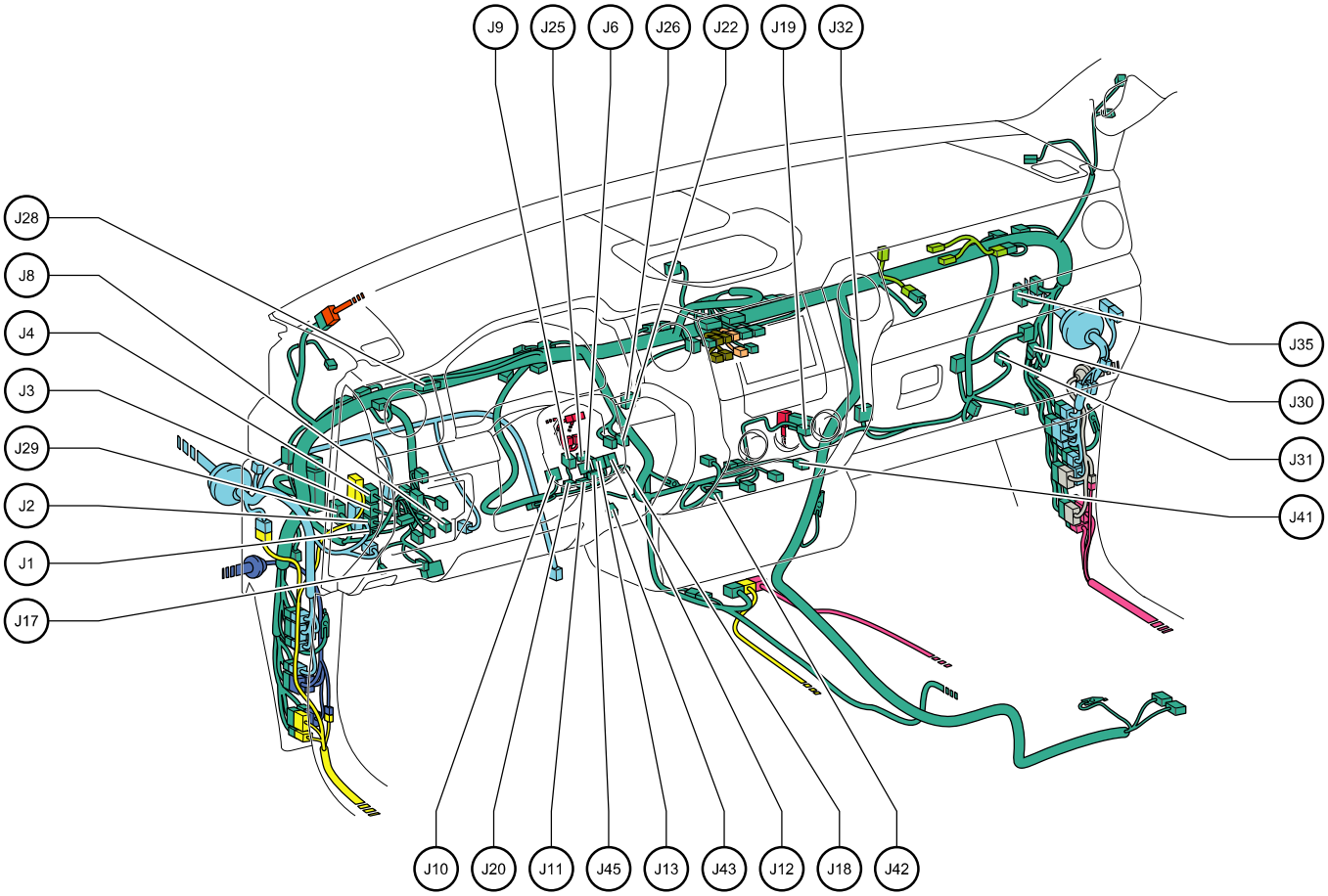


J 43
Black



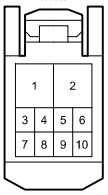
J 45
Black



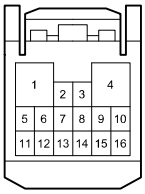

J9
J25
J6
J26
J22
J19
J32
J28
J8
J4
J3
J29
J2
J1
J17
J35
J30
J31
J41
J10
J20
J11
J45
J13
J43
J12
J18
J42

J	1	Main Body ECU
J	2	Main Body ECU
J	3	Main Body ECU
J	4	Main Body ECU
J	6	Steering Angle Sensor
J	8	Power Window Regulator Switch (for Back Window)
J	9	Ignition Switch
J	10	Headlight Dimmer Switch Assembly
J	11	Spiral Cable
J	12	Windshield Wiper Switch
J	13	Windshield Wiper Switch
J	17	DLC3
J	18	Unlock Warning Switch
J	19	A/C Amplifier
J	20	Transponder Key Amplifier
J	22	VSC OFF Switch
J	25	Transmission Control Switch
J	26	Transponder Key ECU
J	28	Combination Meter
J	29	Flasher Relay
J	30	Shift Lock Control ECU
J	31	Tire Pressure Warning ECU
J	32	Blower Motor
J	35	Clearance Sonar ECU
J	41	No.1 Power Outlet Socket Assembly RH
J	42	No.1 Power Outlet Socket Assembly LH
J	43	Tire Pressure Warning Reset Switch
J	45	Spiral Cable

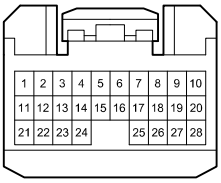
J 1
White



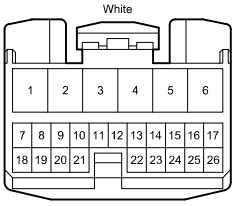
J 2
White



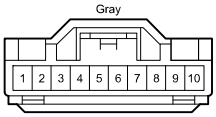
J 3
White



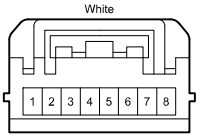
J 4
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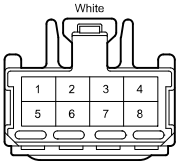
J 6
Gray



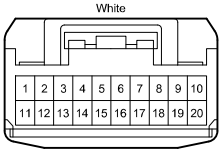
J 8
White



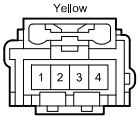
J 9
White



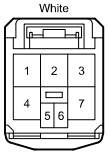
J 10
White



J 11
Yellow



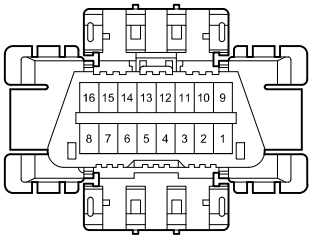
J 12
White



J 13
White



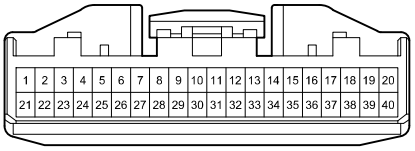
J 17
White



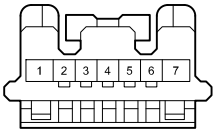
J 18
White



J 19
White



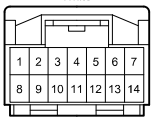
J 20
Black



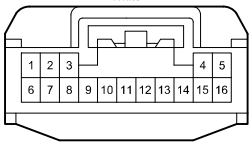
J 22
Black



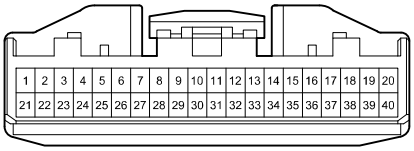
J 25
White



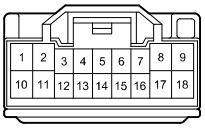
J 26
White



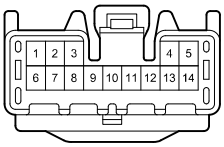
J 28
Black



J 29
White



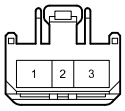
J 30
White



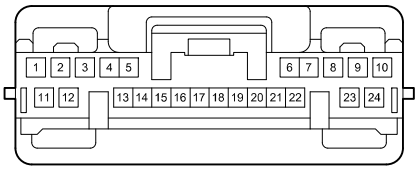
J 31
White



J 32
Black



J 35
Black



J 41
White



J 42
White

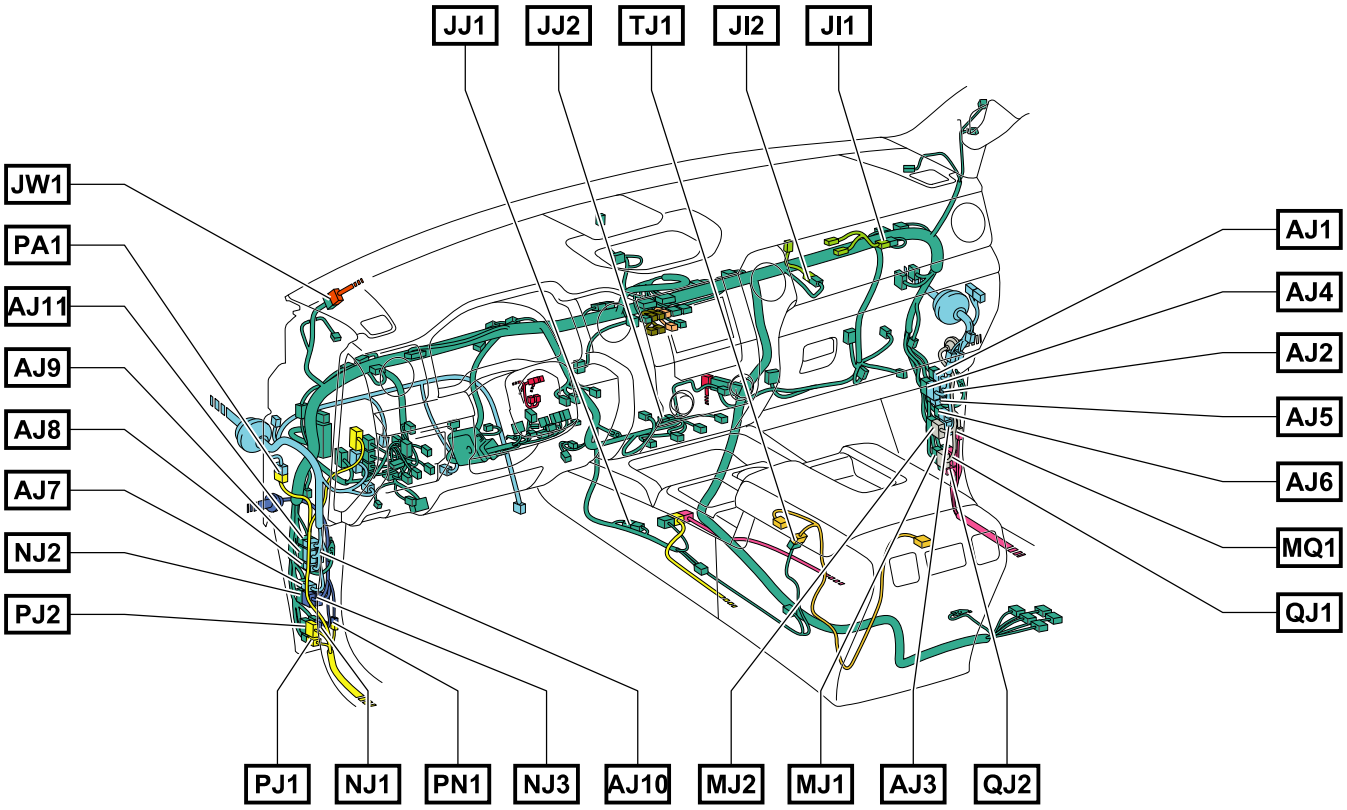


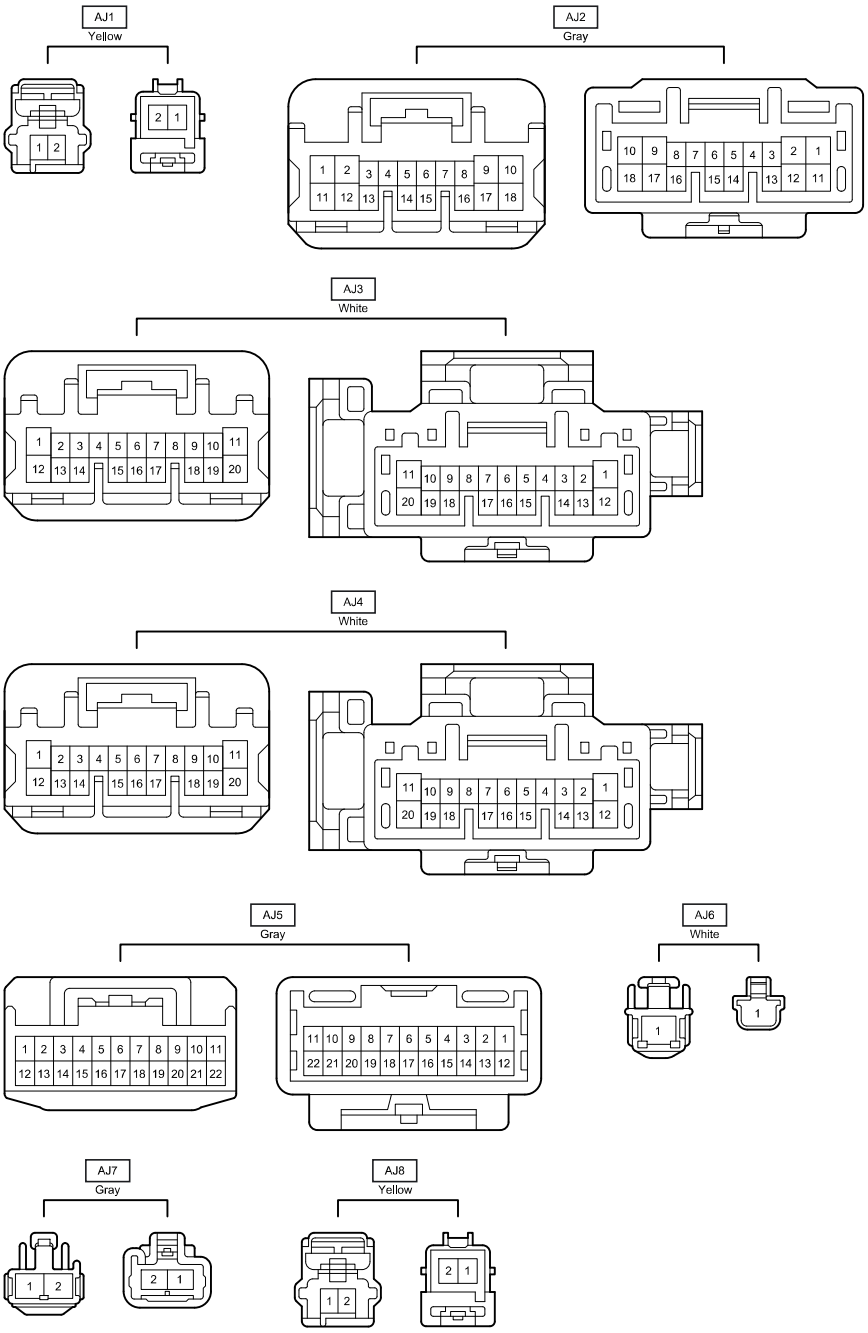
J 43
Black

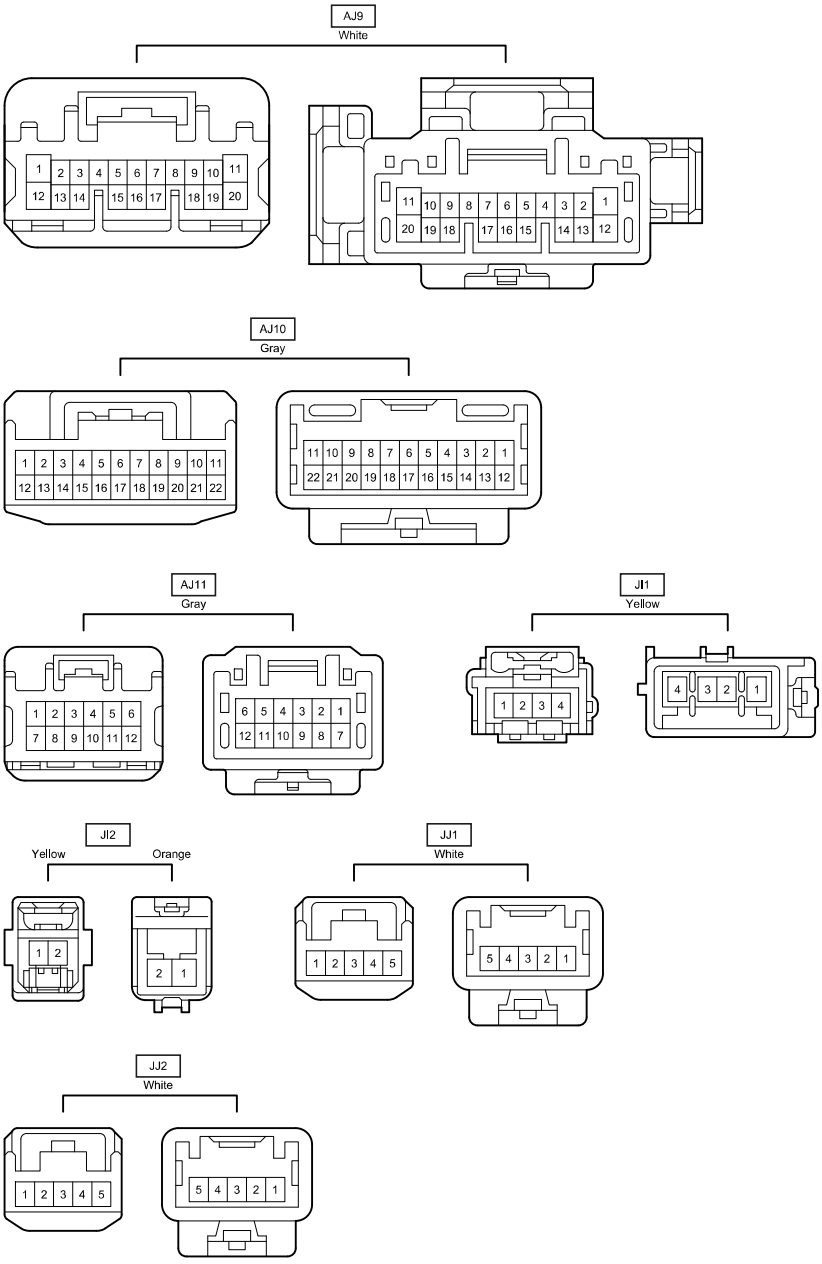


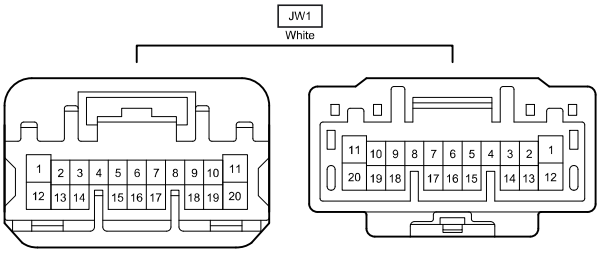
J 45
Black

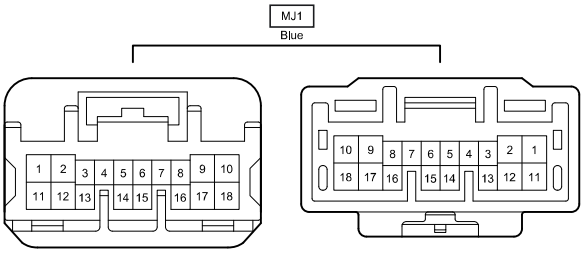


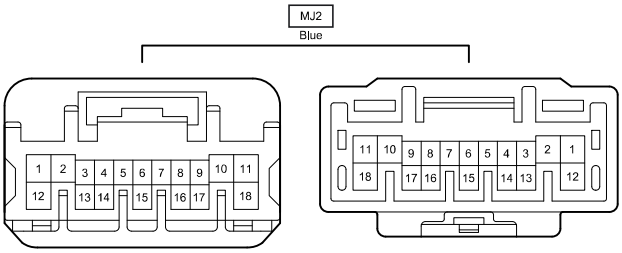

JJ1
JJ2
TJ1
JI2
JI1
JW1
PA1
AJ11
AJ9
AJ8
AJ7
NJ2
PJ2
AJ1
AJ4
AJ2
AJ5
AJ6
MQ1
QJ1
PJ1
NJ1
PN1
NJ3
AJ10
MJ2
MJ1
AJ3
QJ2

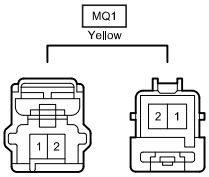

AJ1
Yellow
AJ2
Gray
AJ3
White
AJ4
White
AJ5
Gray
AJ6
White
AJ7
Gray
AJ8
Yellow

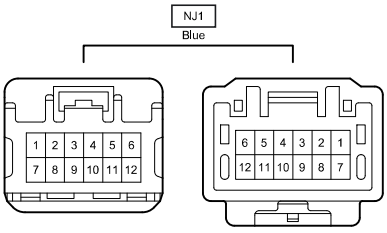

AJ9
White
AJ10
Gray
AJ11
Gray
JI1
Yellow
JI2
Yellow
Orange
JJ1
White
JJ2
White

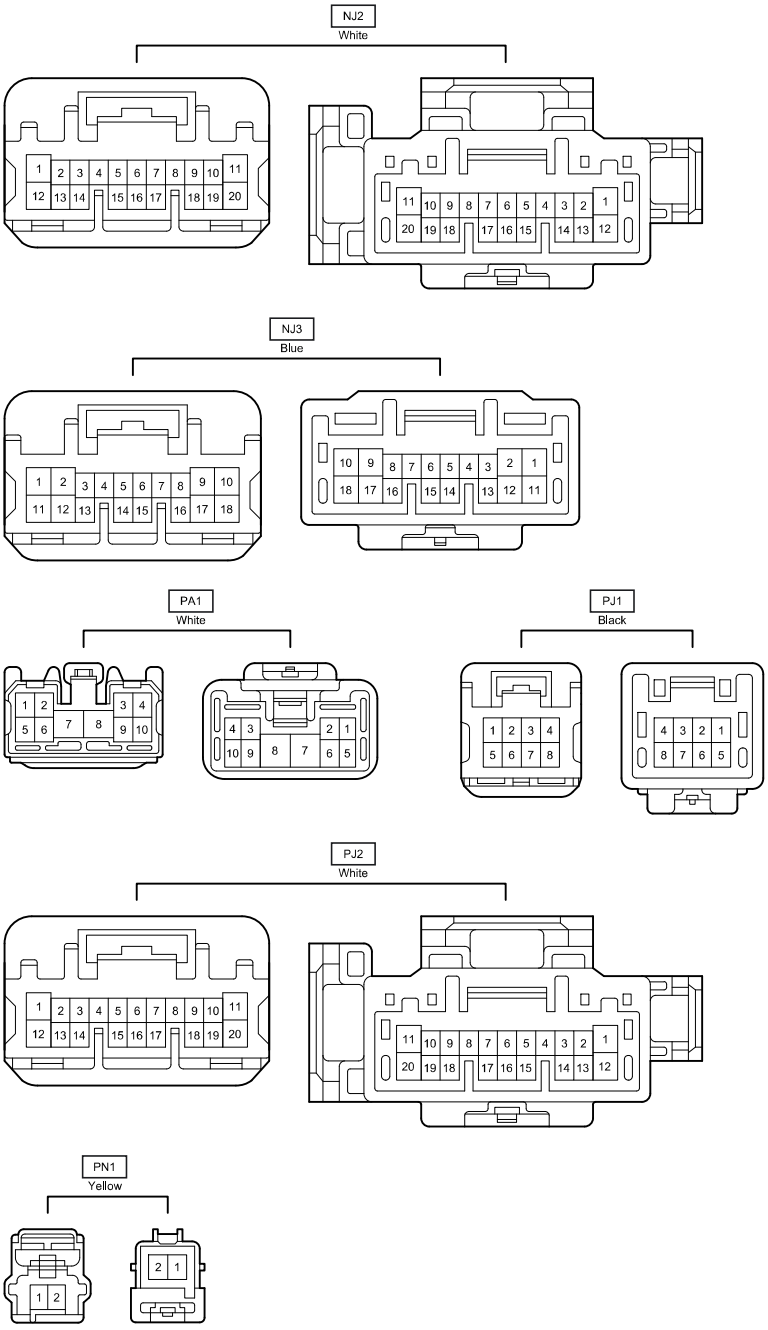

JW1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

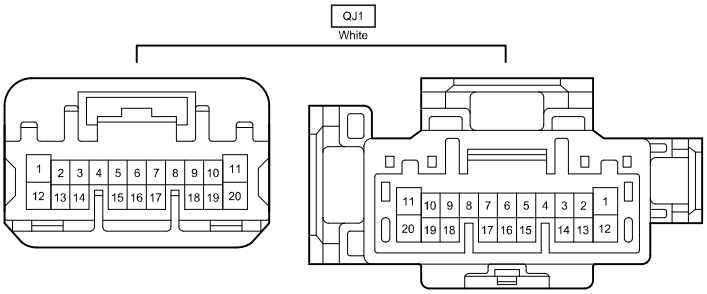

MJ1
Blue
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

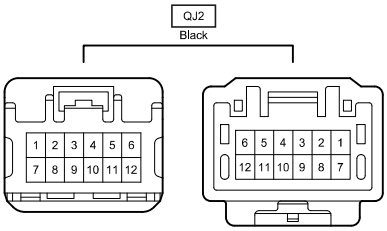

MJ2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12

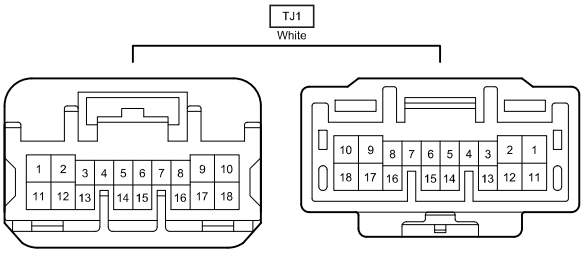

MQ1
Yellow
1 2
2 1

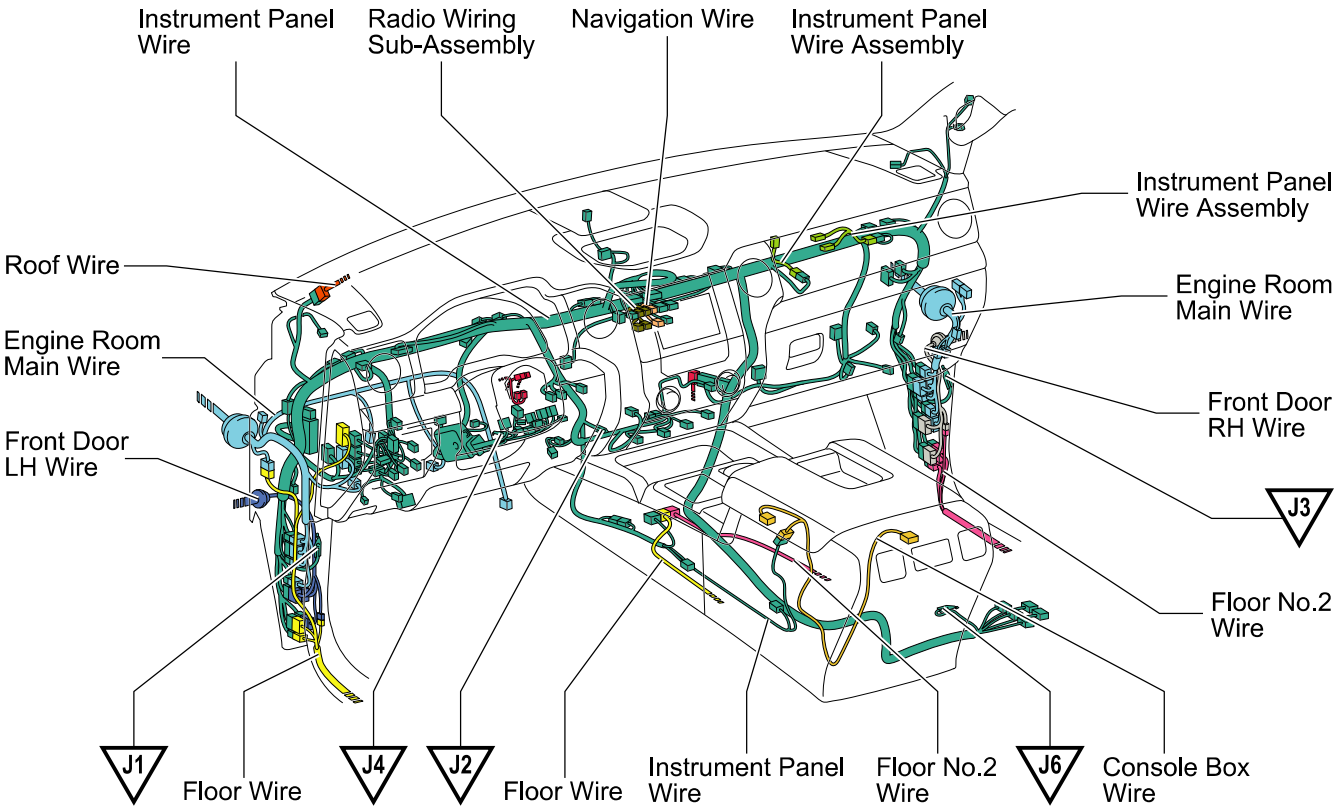

NJ1
Blue
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

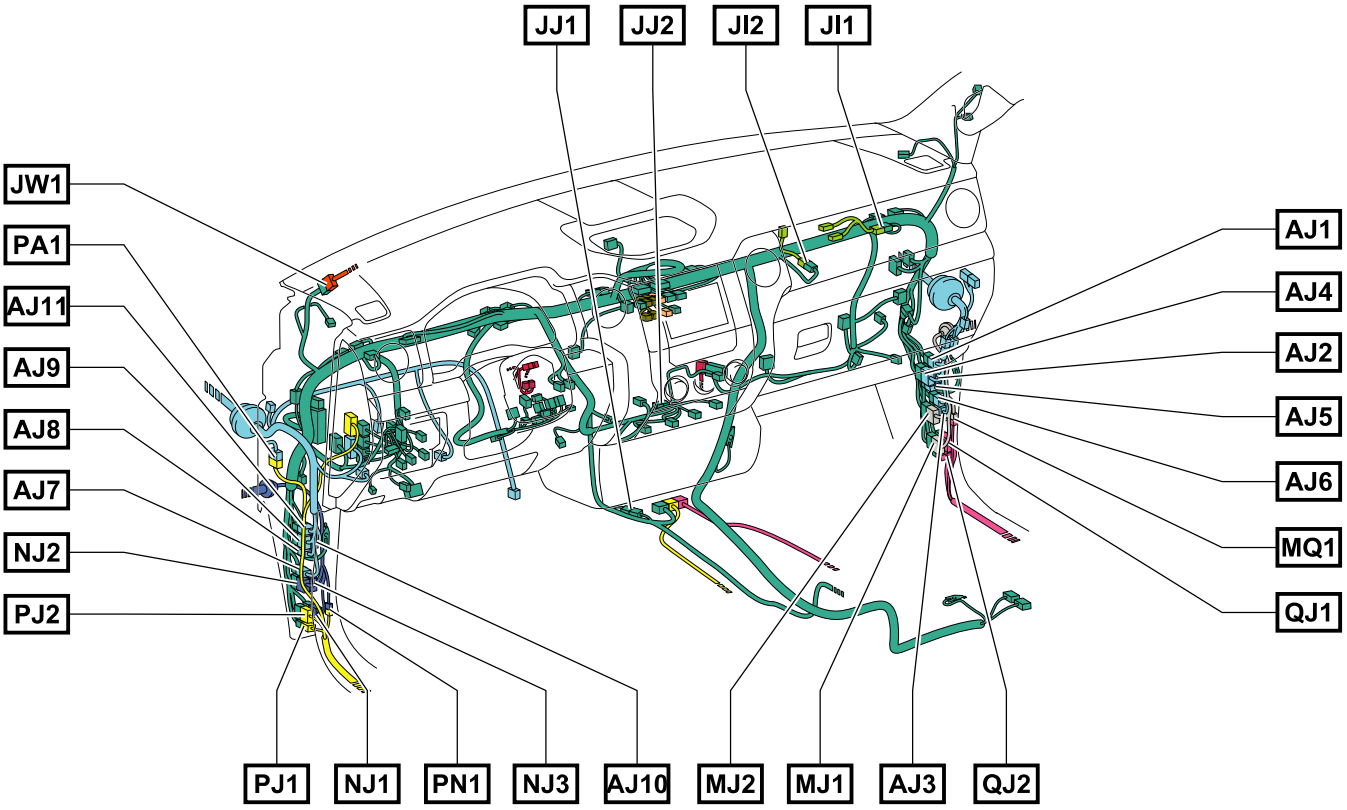

NJ2
White
NJ3
Blue
PA1
White
PJ1
Black
PJ2
White
PN1
Yellow

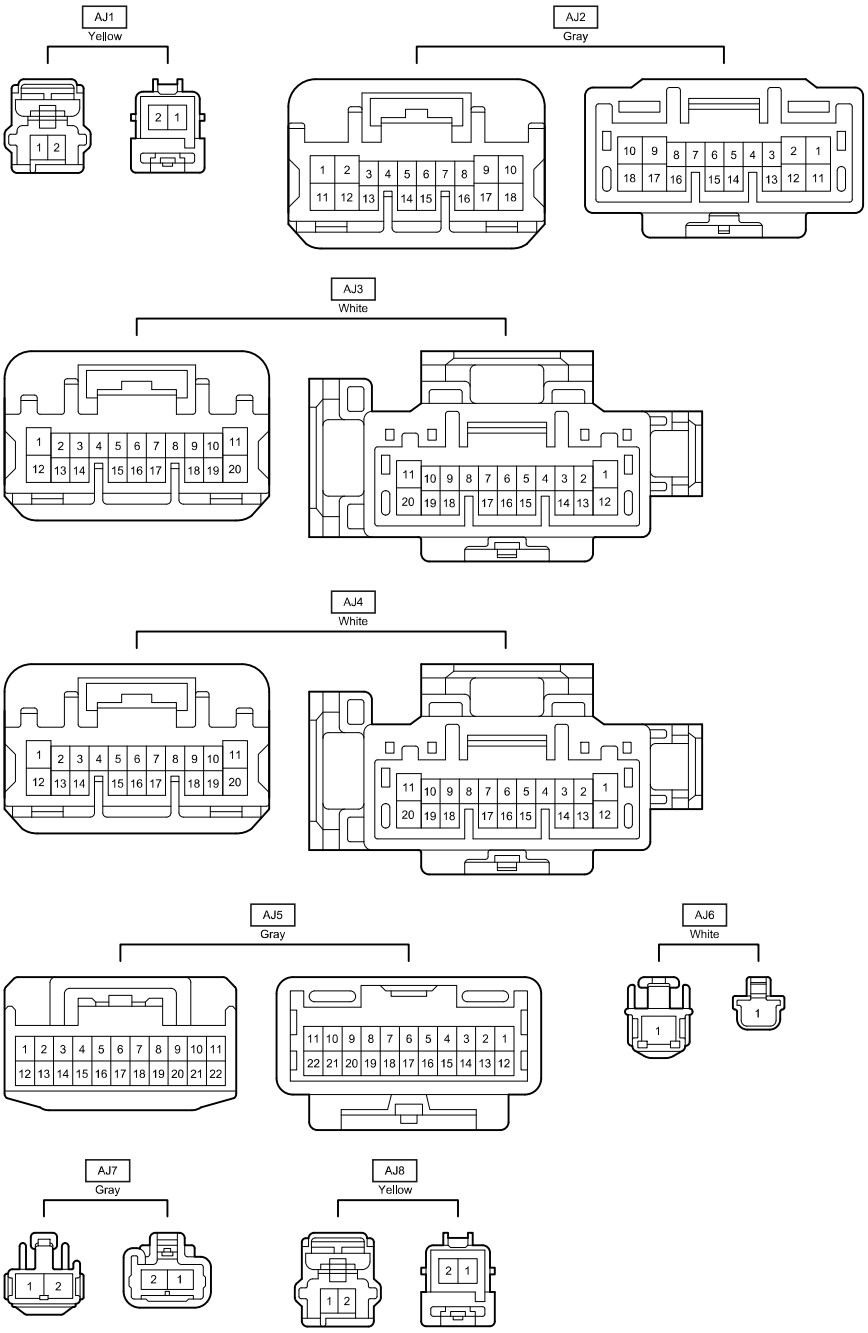

QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

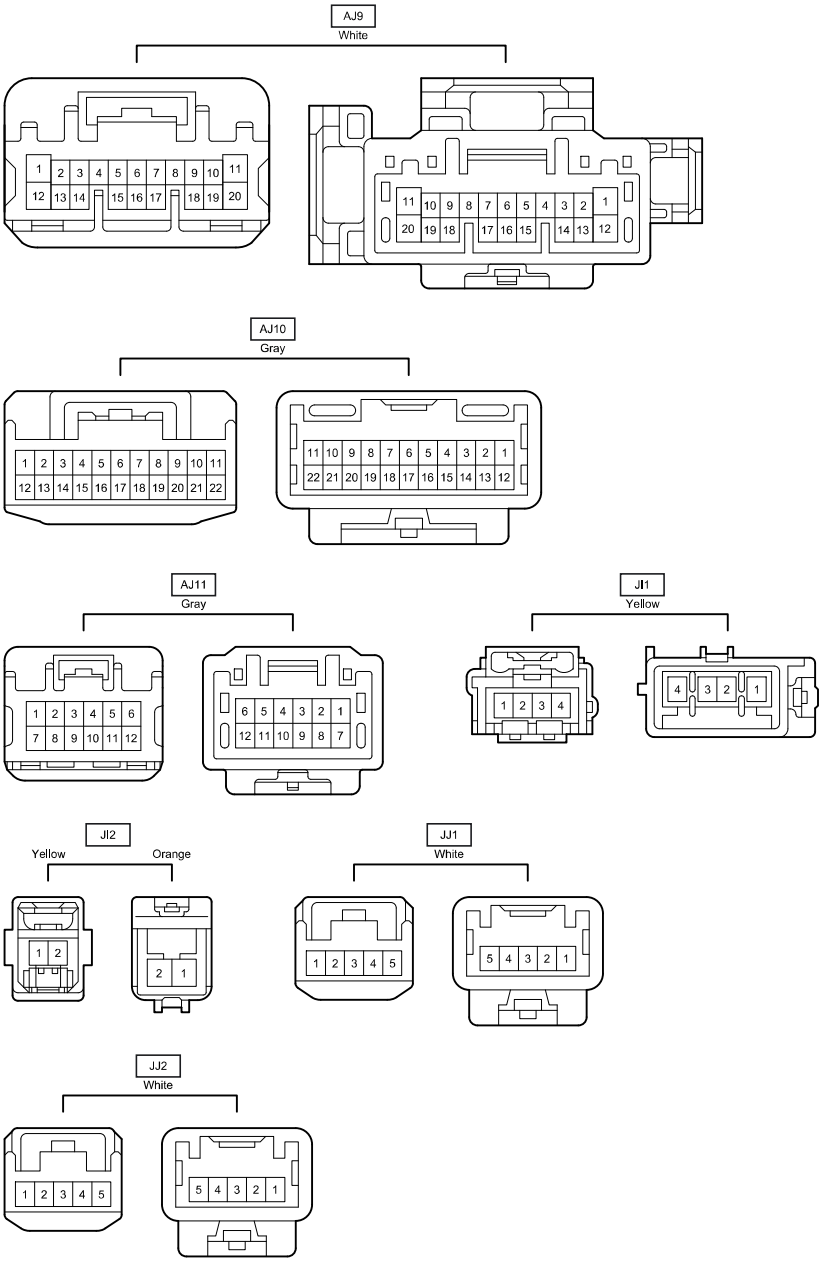

QJ2
Black
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7

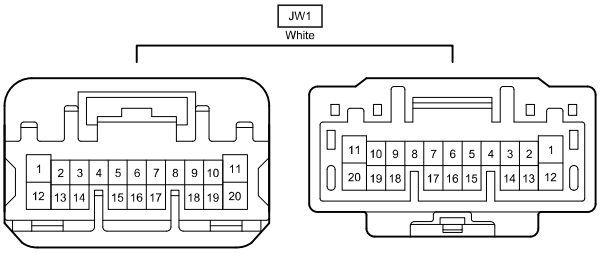

TJ1
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

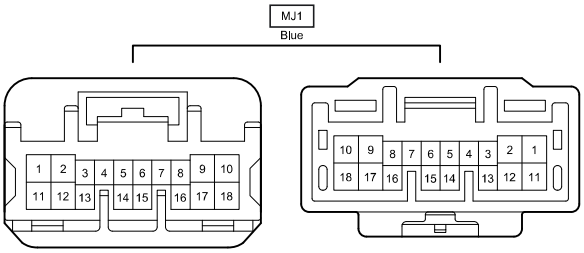

Instrument Panel Wire
Radio Wiring Sub-Assembly
Navigation Wire
Instrument Panel Wire Assembly
Instrument Panel Wire Assembly
Roof Wire
Engine Room Main Wire
Engine Room Main Wire
Front Door LH Wire
Front Door RH Wire
J3
Floor No.2 Wire
J1
Floor Wire
J4
J2
Floor Wire
Instrument Panel Wire
Floor No.2 Wire
J6
Console Box Wire

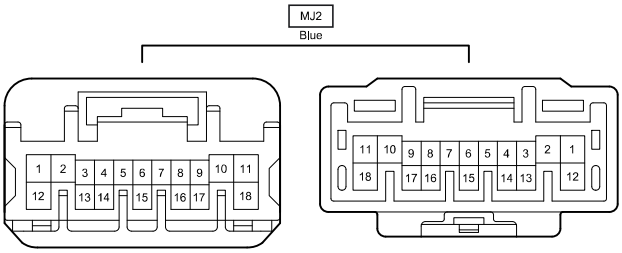

JJ1
JJ2
JI2
JI1
JW1
PA1
AJ11
AJ9
AJ8
AJ7
NJ2
PJ2
AJ1
AJ4
AJ2
AJ5
AJ6
MQ1
QJ1
PJ1
NJ1
PN1
NJ3
AJ10
MJ2
MJ1
AJ3
QJ2

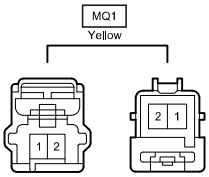

AJ1
Yellow
AJ2
Gray
AJ3
White
AJ4
White
AJ5
Gray
AJ6
White
AJ7
Gray
AJ8
Yellow

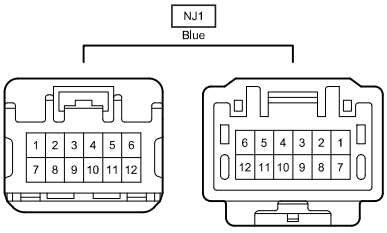

AJ9
White
AJ10
Gray
AJ11
Gray
JI1
Yellow
JI2
Yellow
Orange
JJ1
White
JJ2
White

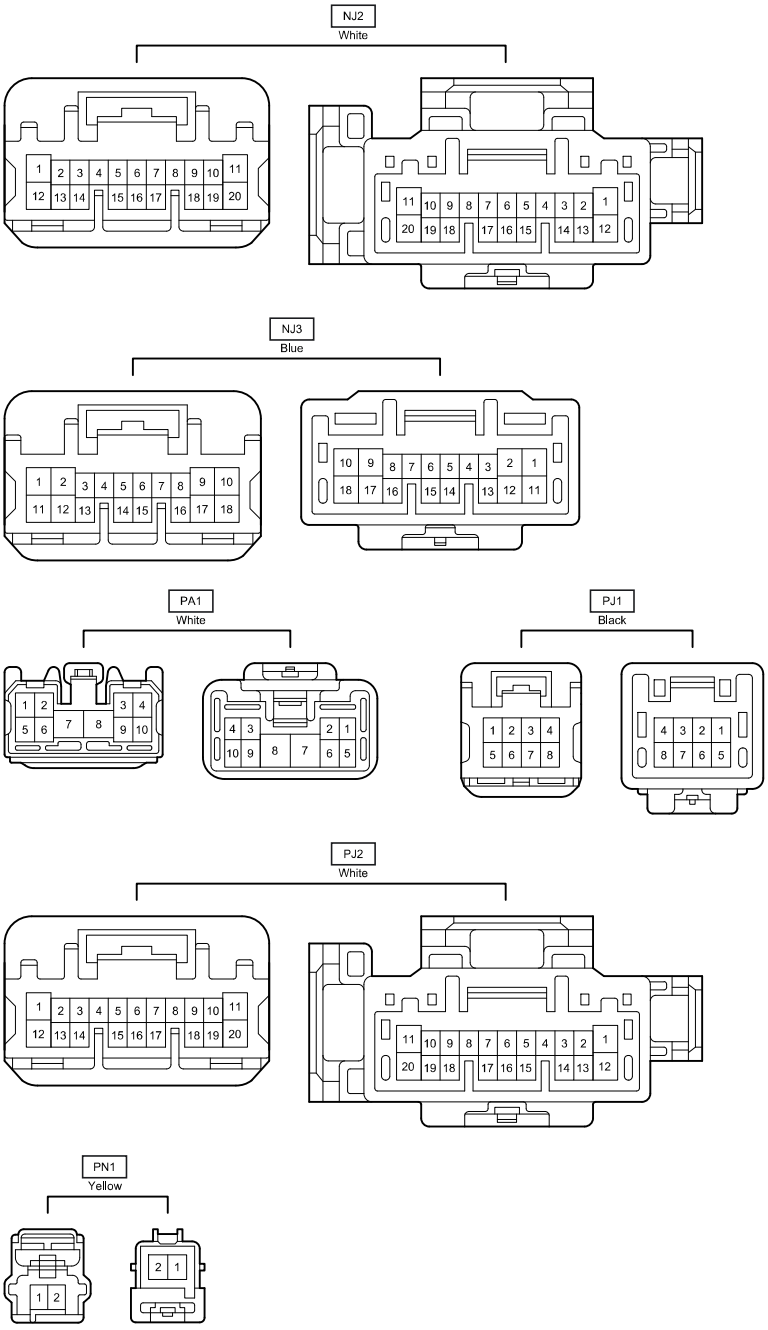

JW1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

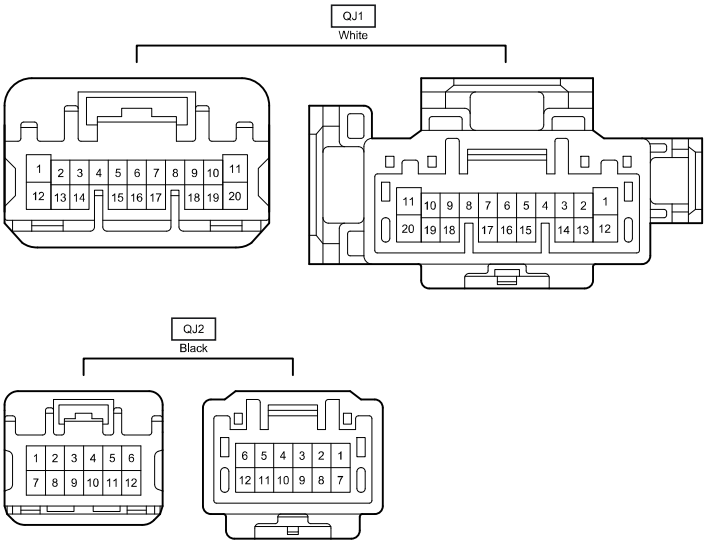

MJ1
Blue
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11

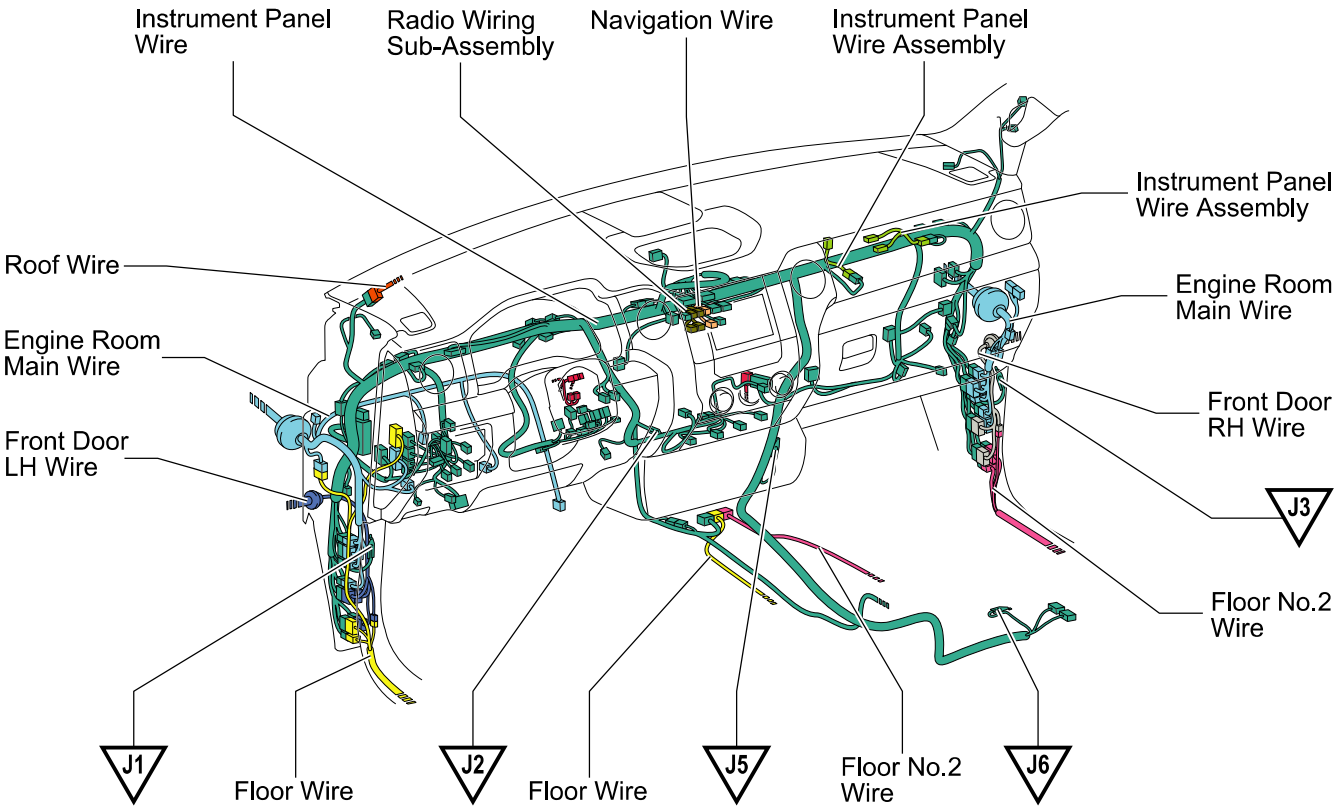

MJ2
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12


MQ1
Yellow
1 2
2 1

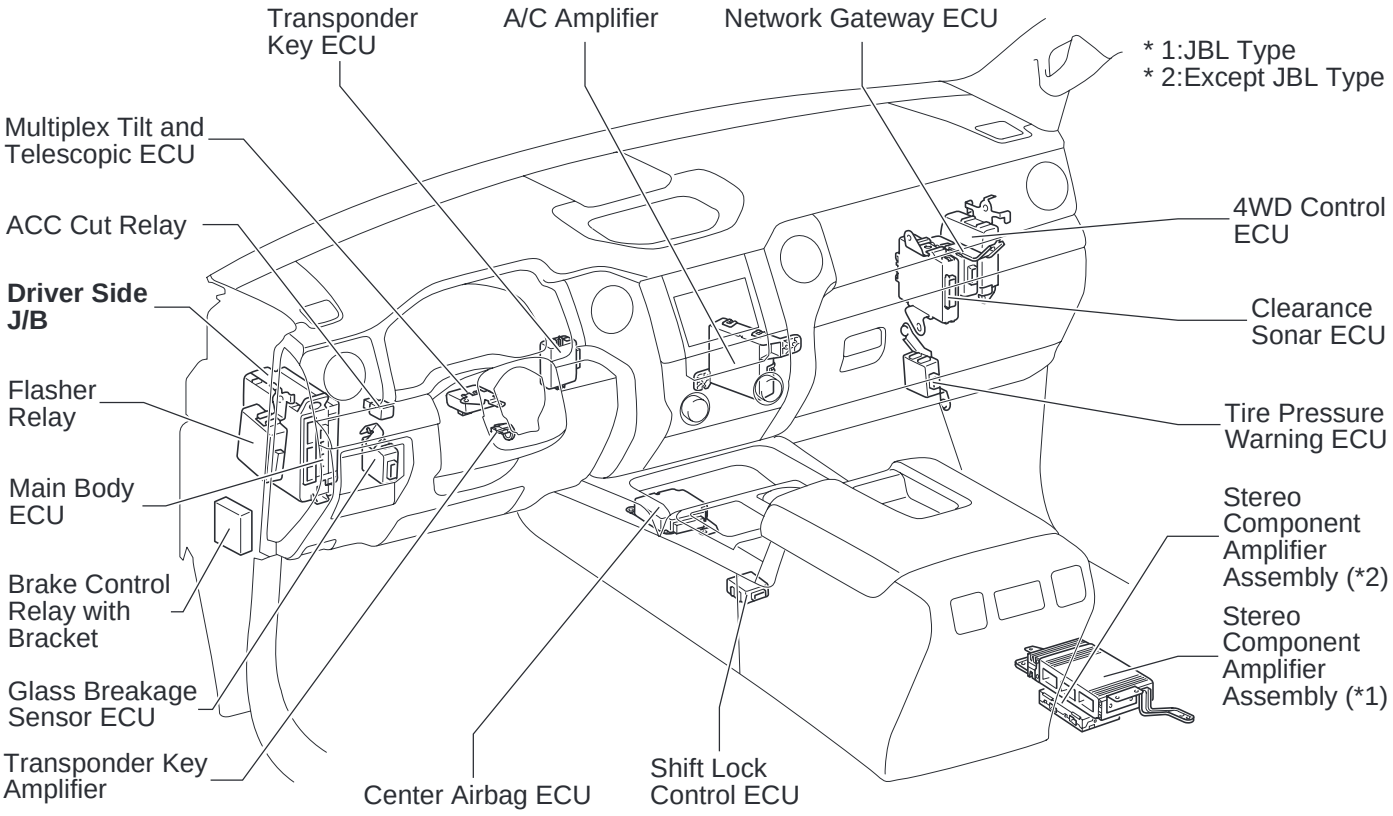

NJ1
Blue
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


NJ2
White
NJ3
Blue
PA1
White
PJ1
Black
PJ2
White
PN1
Yellow

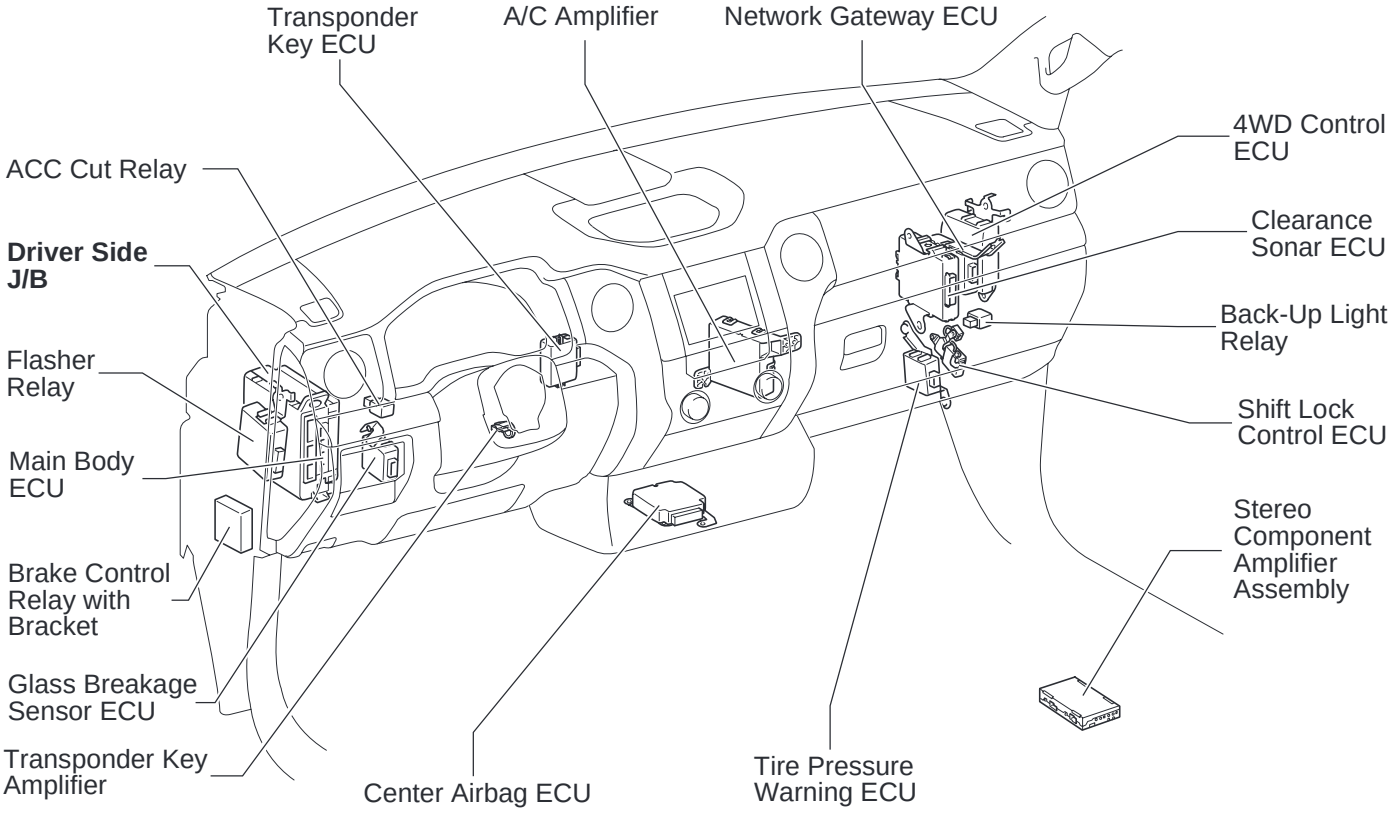

QJ1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
QJ2
Black
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7


Instrument Panel Wire
Radio Wiring Sub-Assembly
Navigation Wire
Instrument Panel Wire Assembly
Instrument Panel Wire Assembly
Roof Wire
Engine Room Main Wire
Engine Room Main Wire
Front Door LH Wire
Front Door RH Wire
J3
Floor No.2 Wire
J1
Floor Wire
J2
Floor Wire
J5
Floor No.2 Wire
J6

[Instrument Panel]
(Floor Shift)

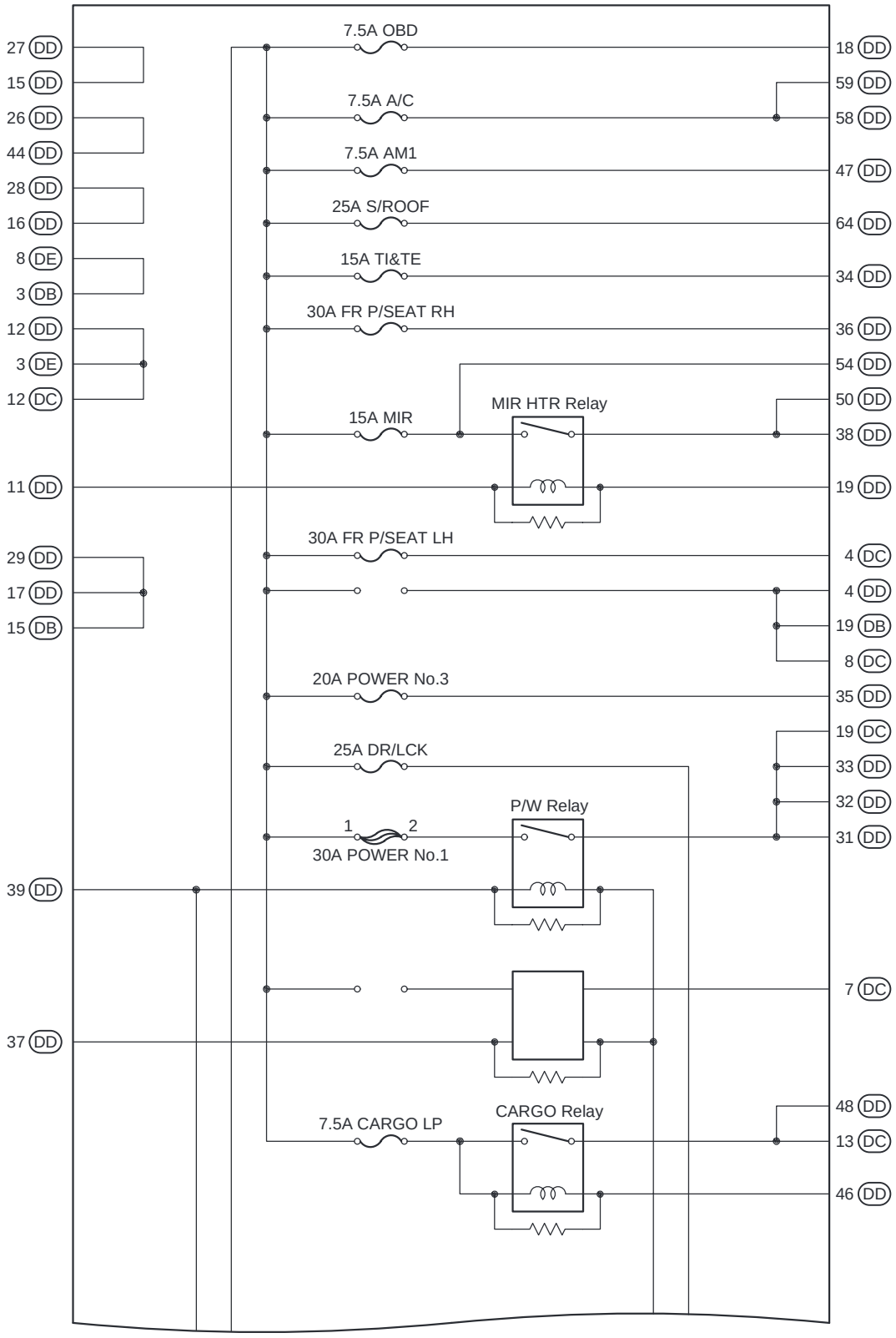


(Column Shift)



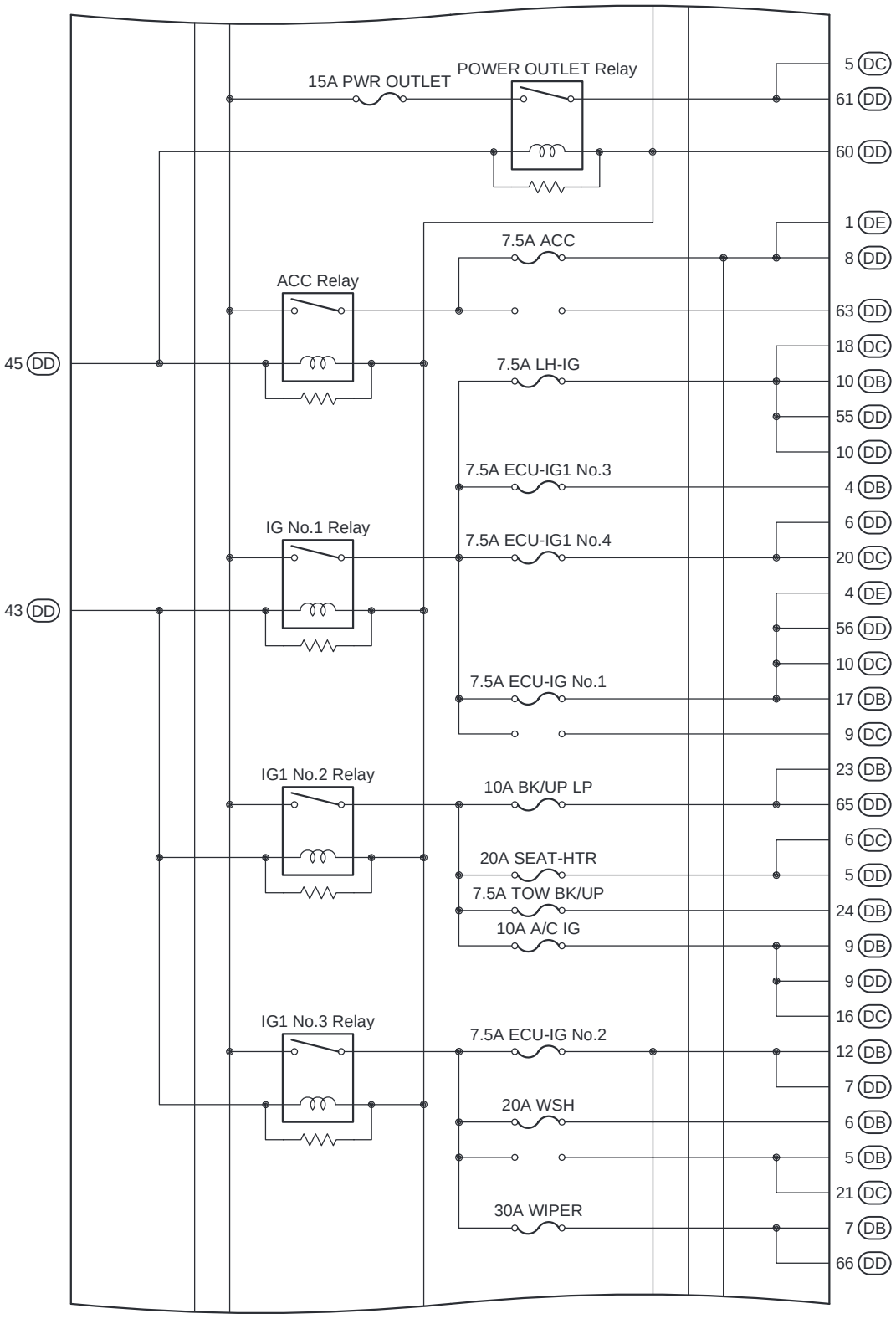
F RELAY LOCATIONS

[Driver Side J/B Inner Circuit]



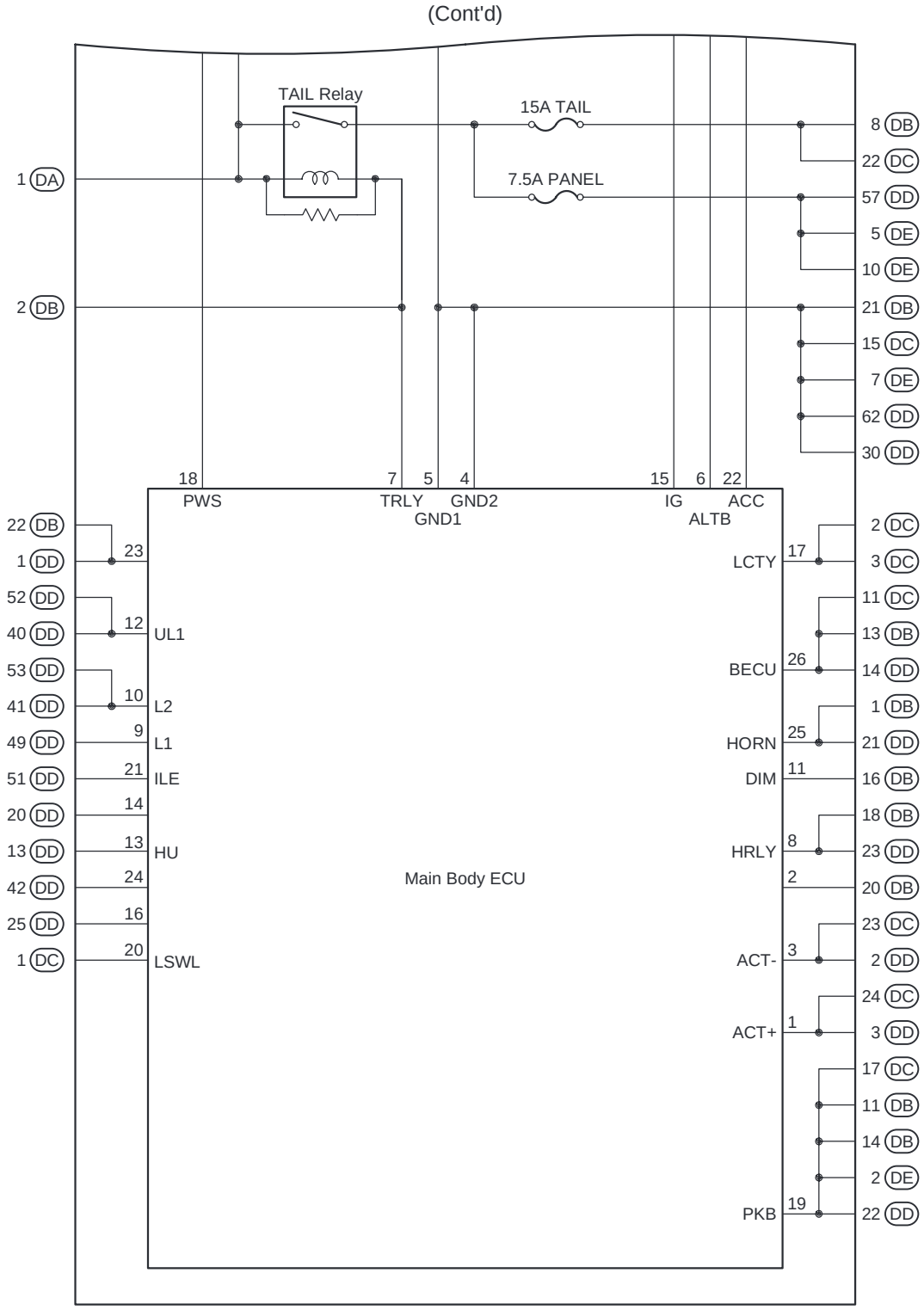
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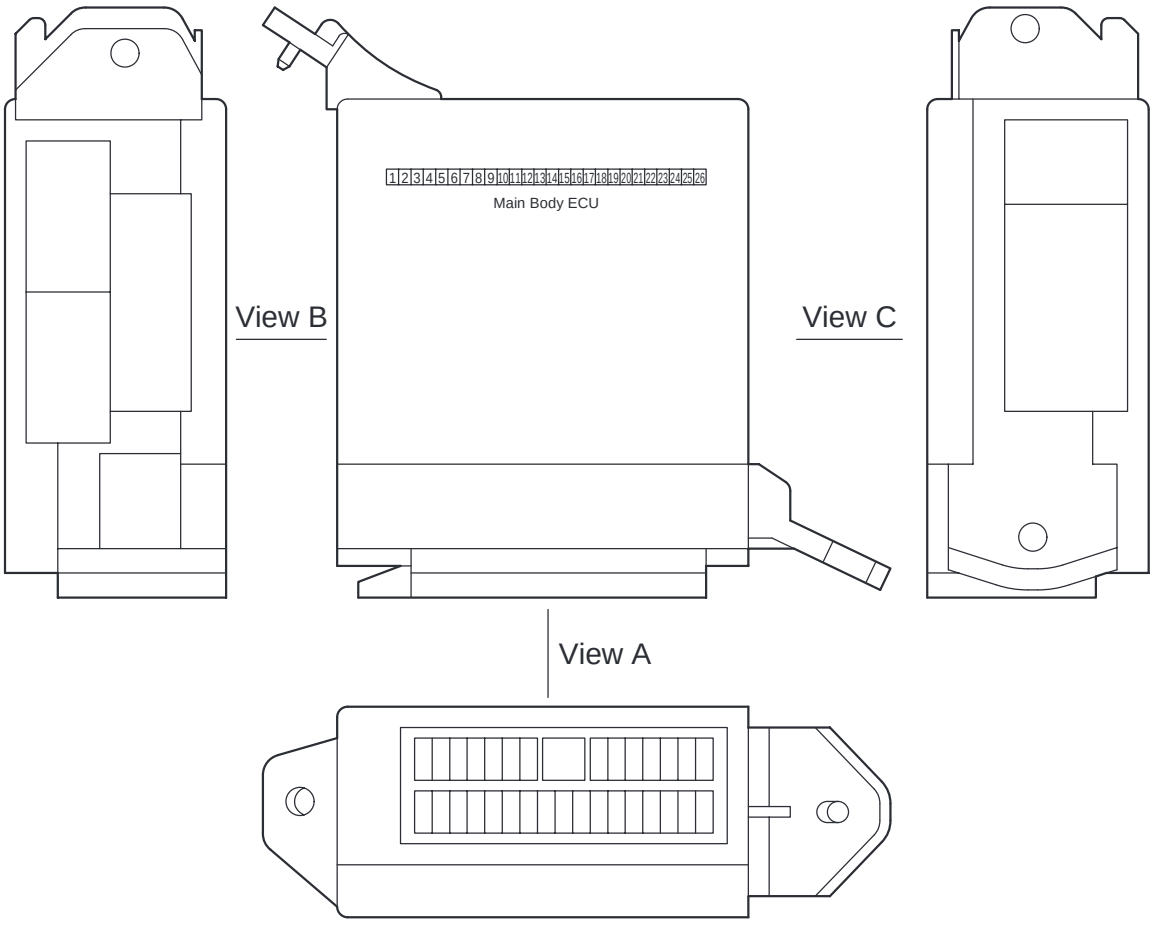
(Cont. Next Page)

[Driver Side J/B Inner Circuit]

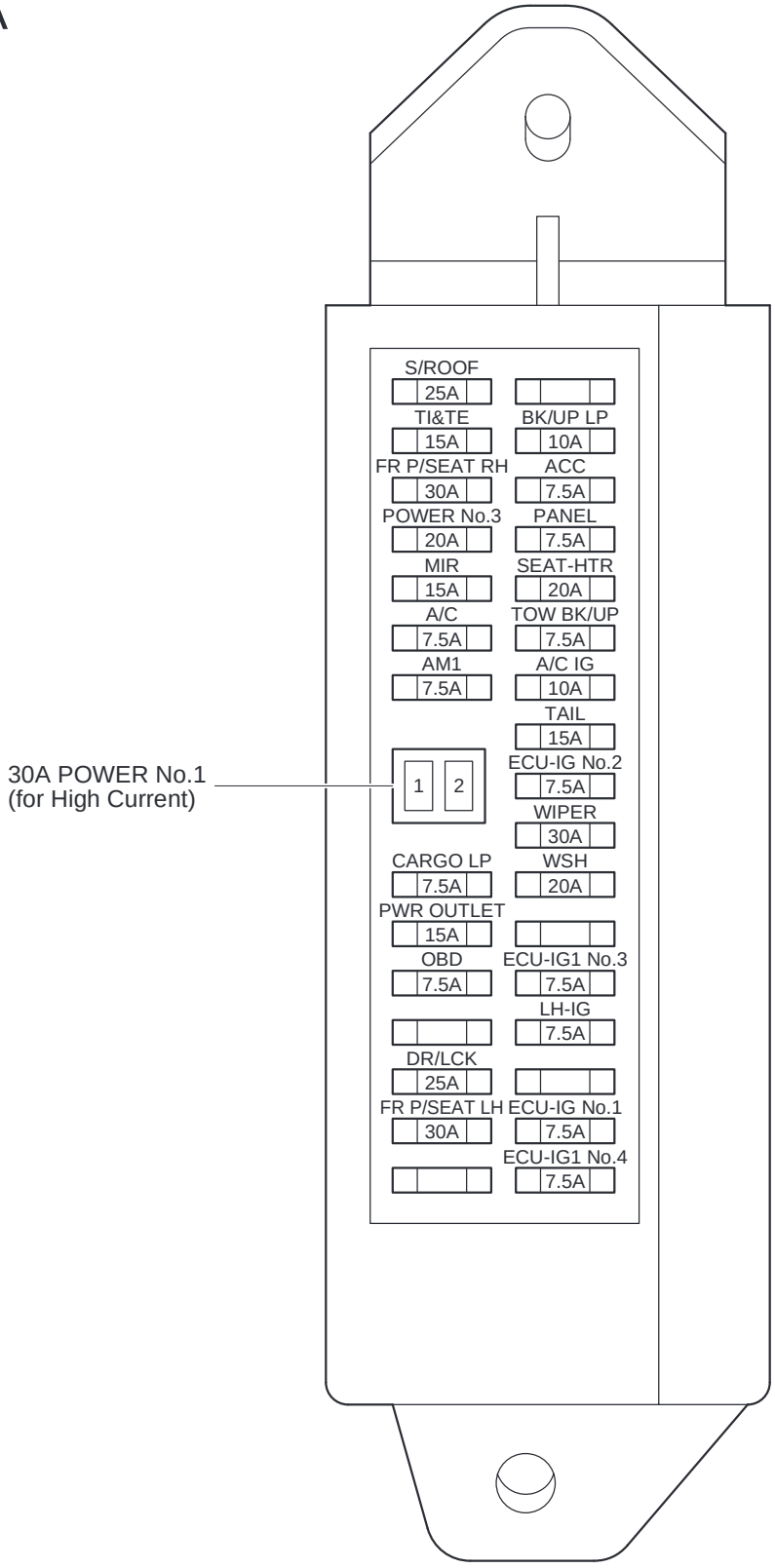


F RELAY LOCATIONS

: Driver Side J/B	Cowl Side Left (See Page 21)



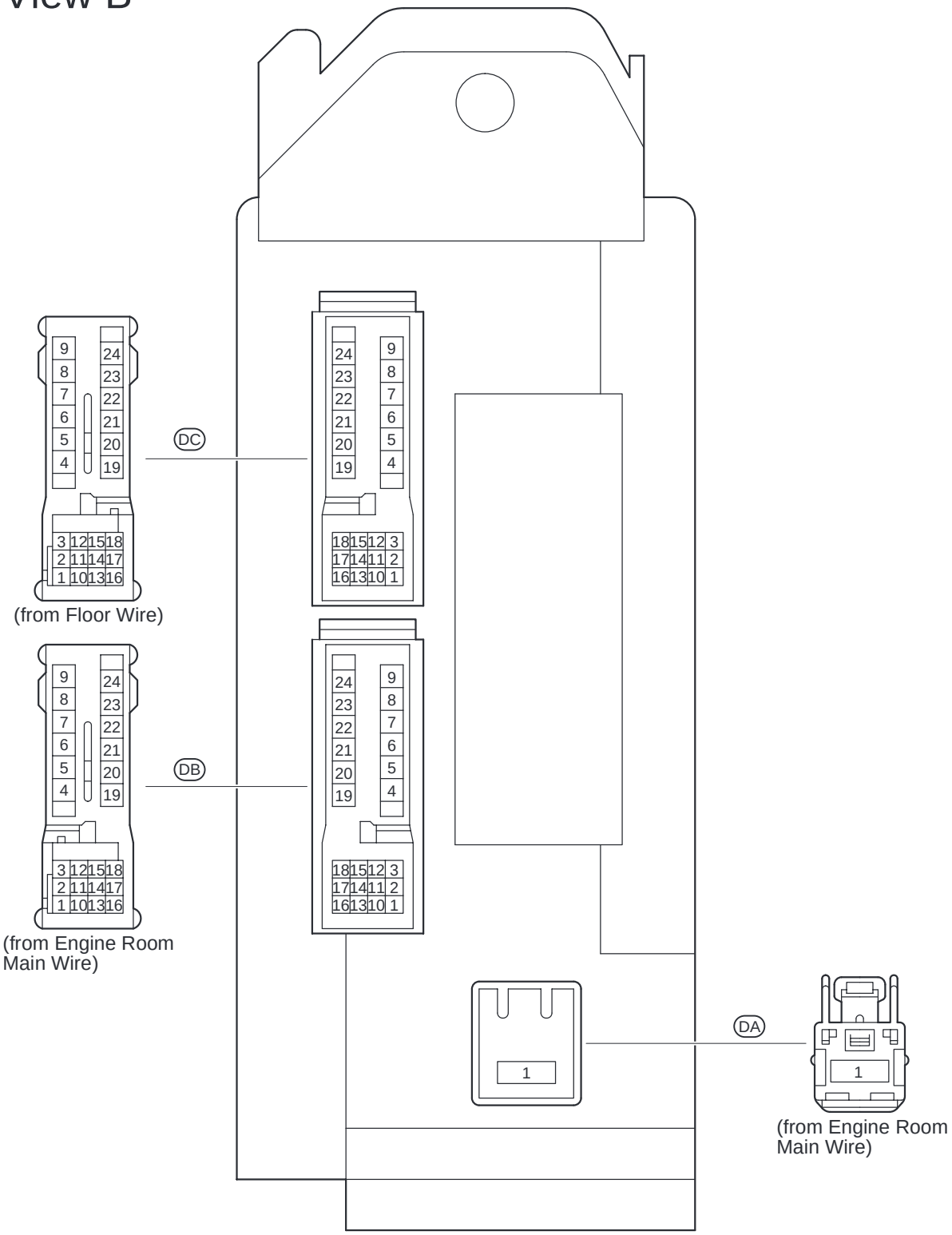
View A


S/ROOF
25A
TI&TE
15A
FR P/SEAT RH
30A
POWER No.3
20A
MIR
15A
A/C
7.5A
AM1
7.5A
30A POWER No.1
(for High Current)
1
2
CARGO LP
7.5A
PWR OUTLET
15A
OBD
7.5A
DR/LCK
25A
FR P/SEAT LH
30A
BK/UP LP
10A
ACC
7.5A
PANEL
7.5A
SEAT-HTR
20A
TOW BK/UP
7.5A
A/C IG
10A
TAIL
15A
ECU-IG No.2
7.5A
WIPER
30A
WSH
20A
ECU-IG1 No.3
7.5A
LH-IG
7.5A
ECU-IG No.1
7.5A
ECU-IG1 No.4
7.5A

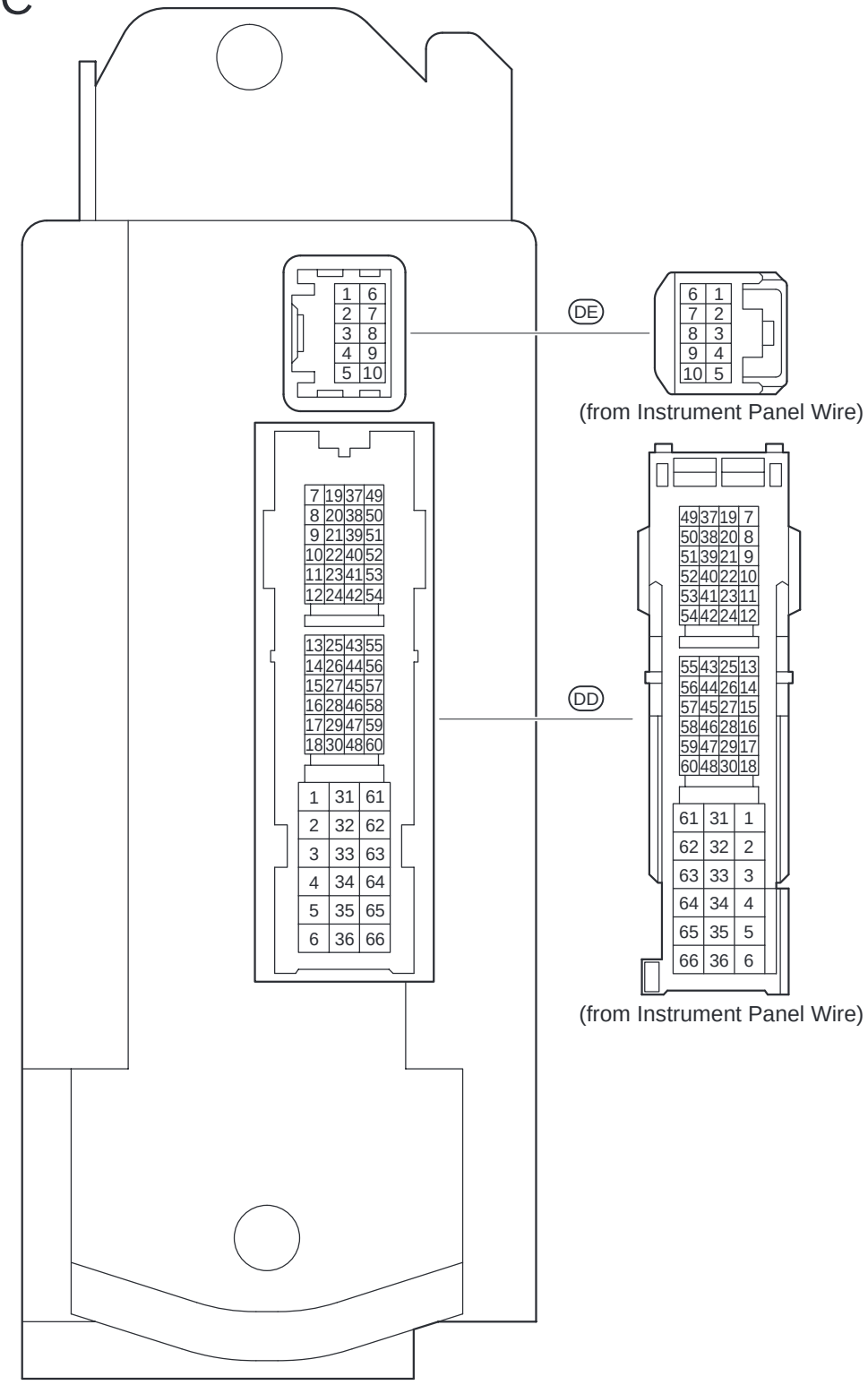
F RELAY LOCATIONS

: Driver Side J/B	Cowl Side Left (See Page 21)

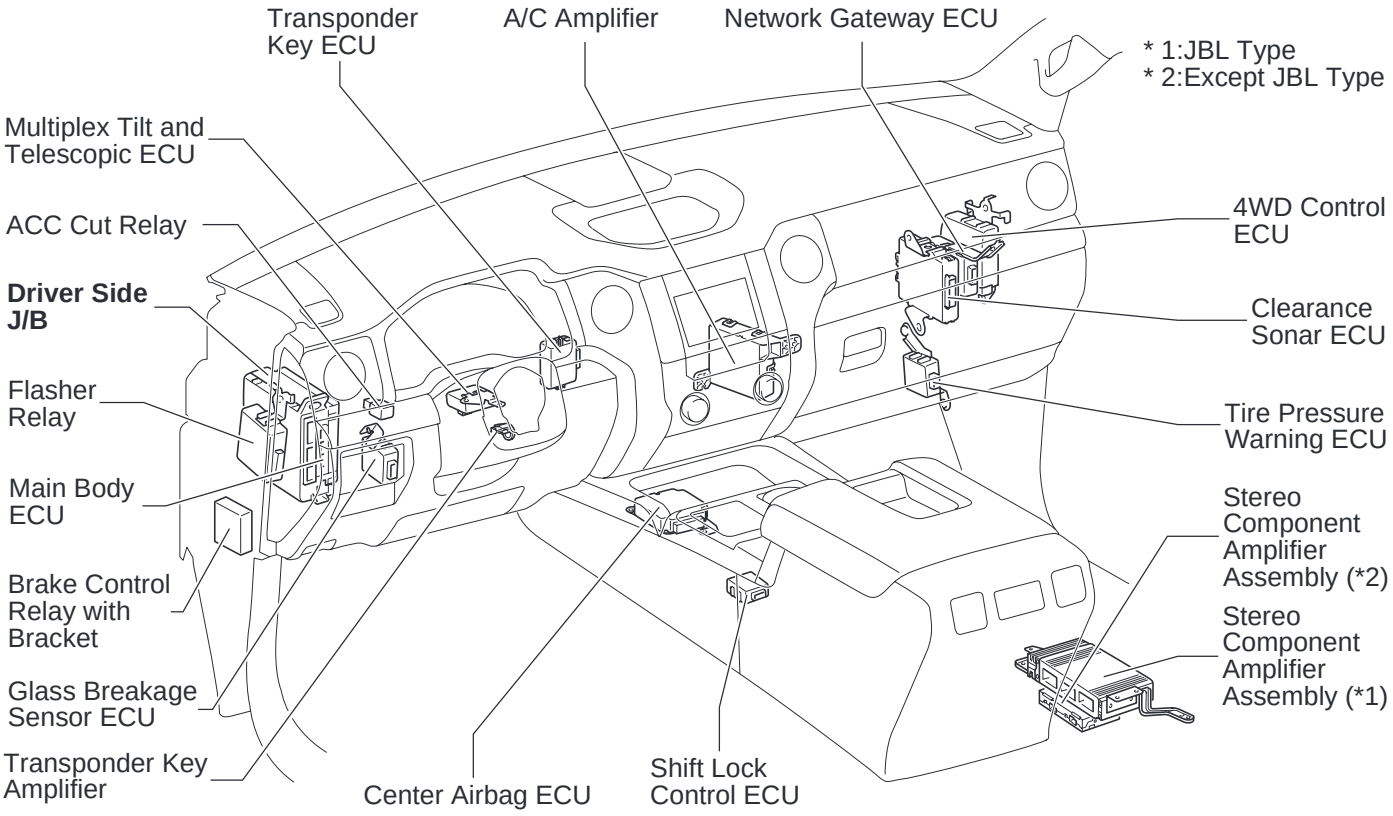
View B



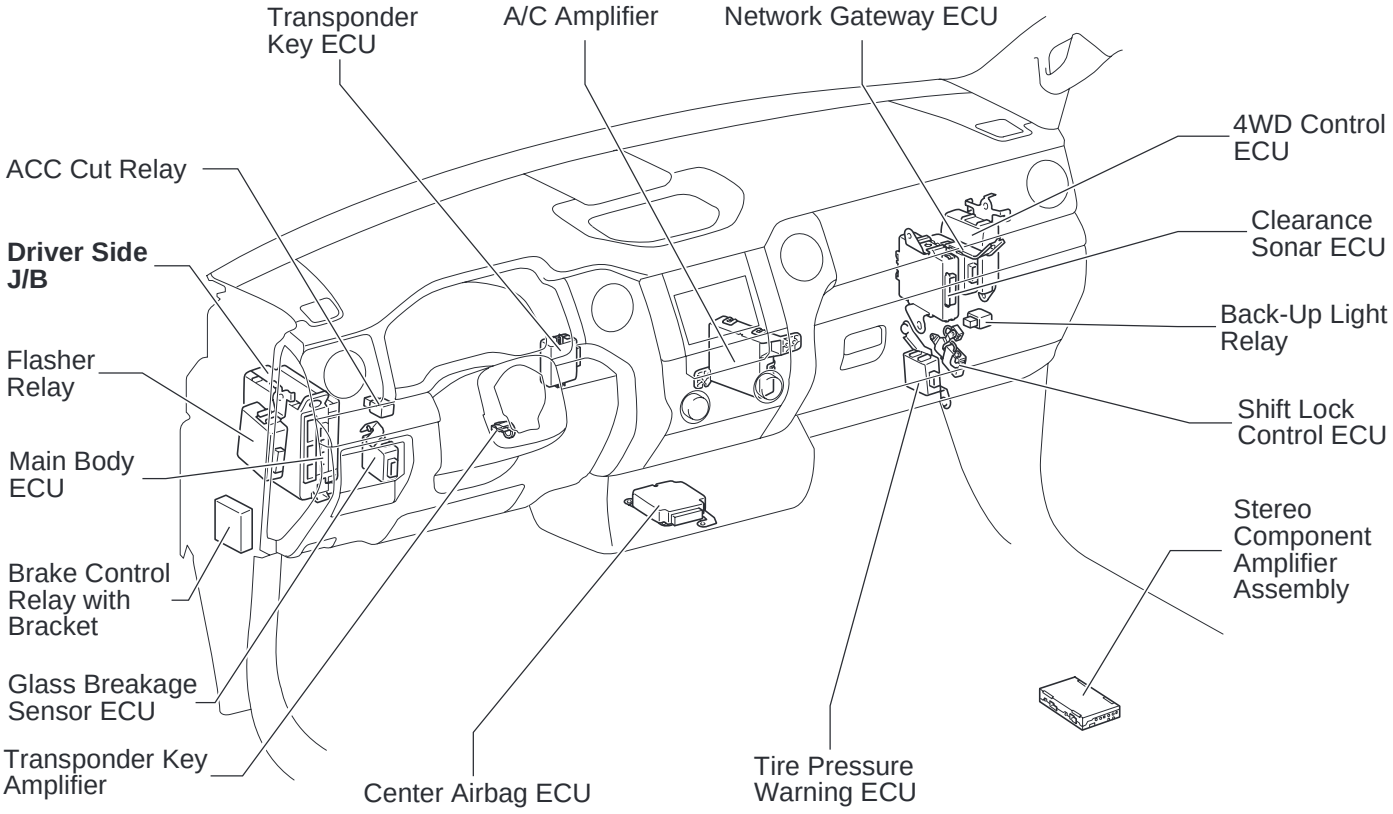
View C


1 6
2 7
3 8
4 9
5 10
DE
6 1
7 2
8 3
9 4
10 5
(from Instrument Panel Wire)
7 19 37 49
8 20 38 50
9 21 39 51
10 22 40 52
11 23 41 53
12 24 42 54
13 25 43 55
14 26 44 56
15 27 45 57
16 28 46 58
17 29 47 59
18 30 48 60
1 31 61
2 32 62
3 33 63
4 34 64
5 35 65
6 36 66
DD
49 37 19 7
50 38 20 8
51 39 21 9
52 40 22 10
53 41 23 11
54 42 24 12
55 43 25 13
56 44 26 14
57 45 27 15
58 46 28 16
59 47 29 17
60 48 30 18
61 31 1
62 32 2
63 33 3
64 34 4
65 35 5
66 36 6
(from Instrument Panel Wire)

[Instrument Panel]
(Floor Shift)

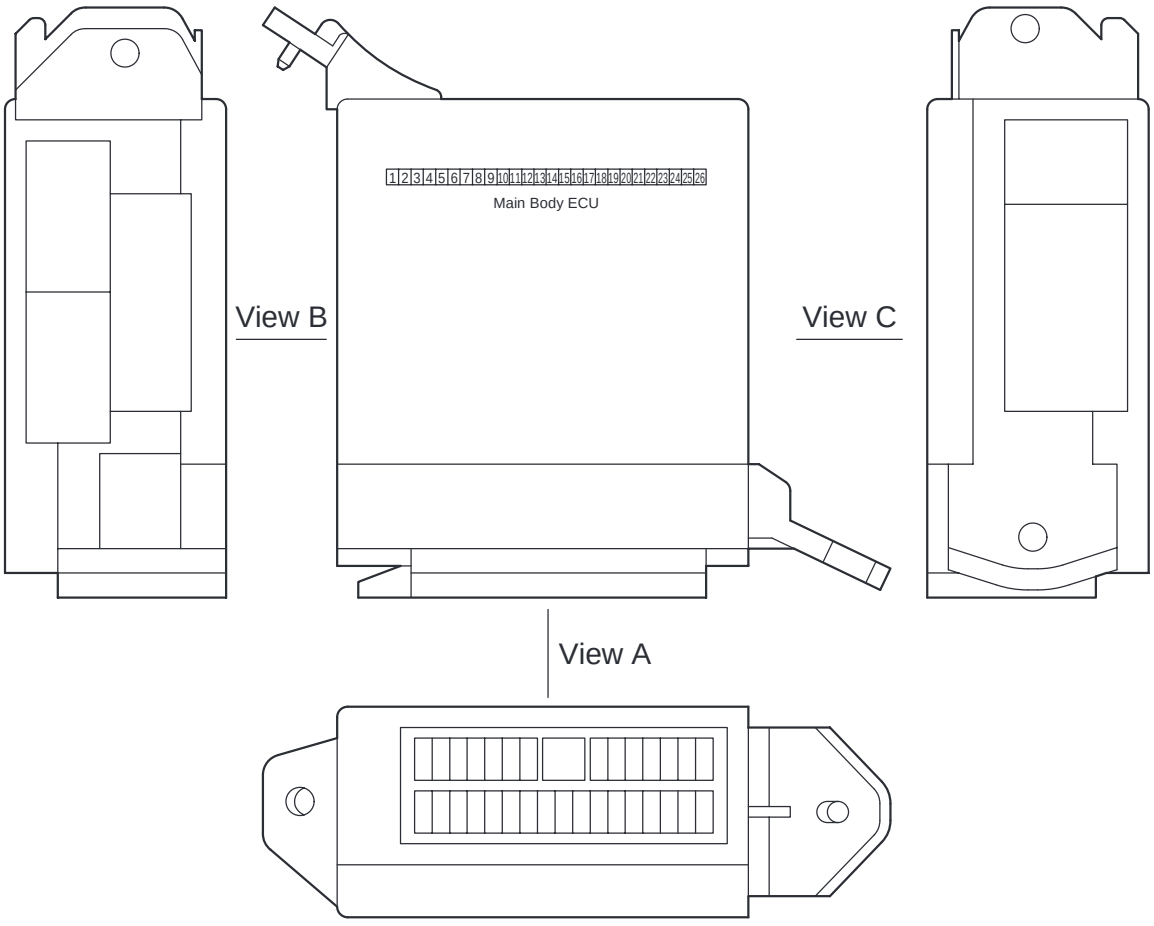


(Column Shift)

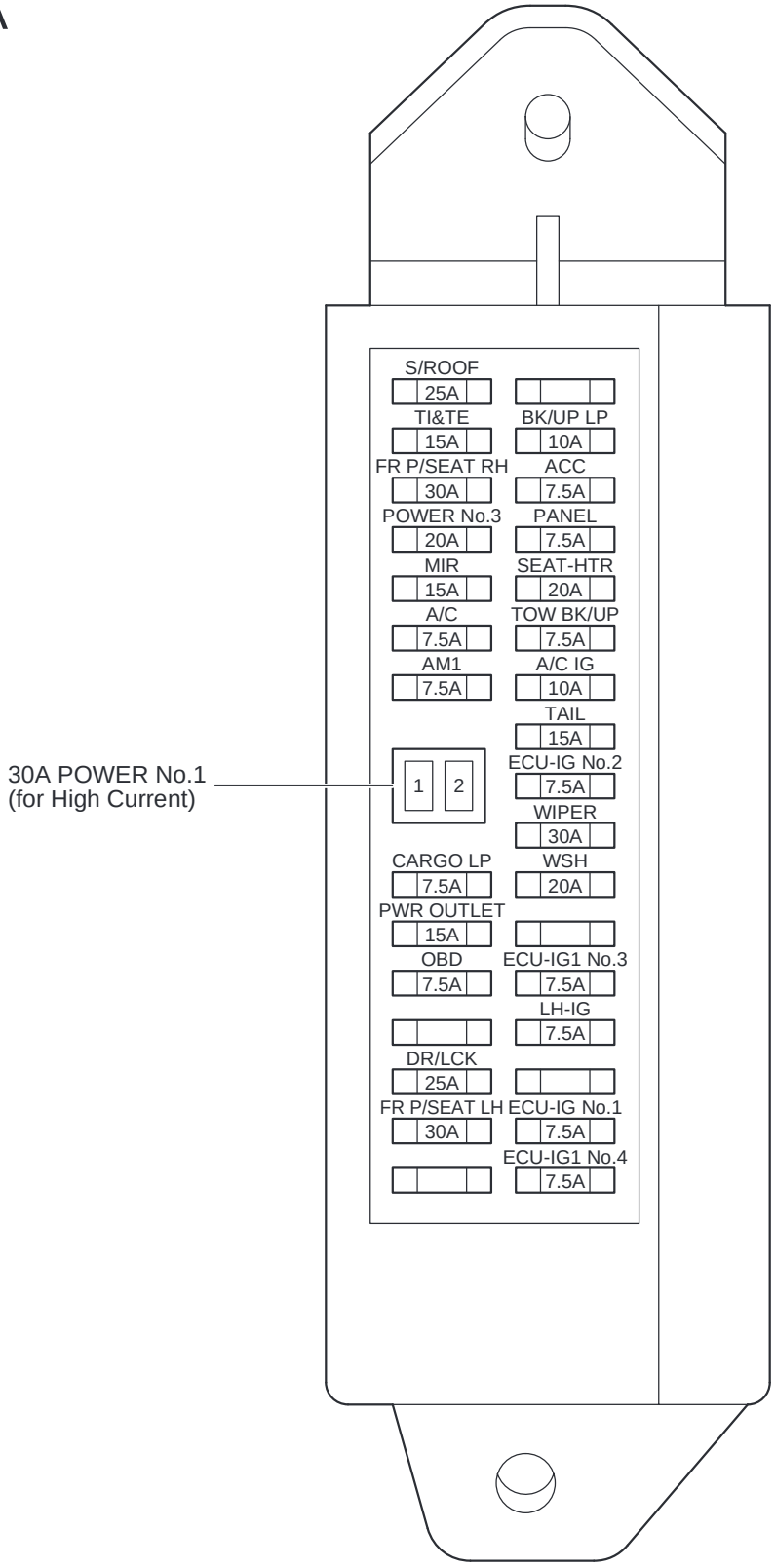


F RELAY LOCATIONS

: Driver Side J/B	Cowl Side Left (See Page 21)



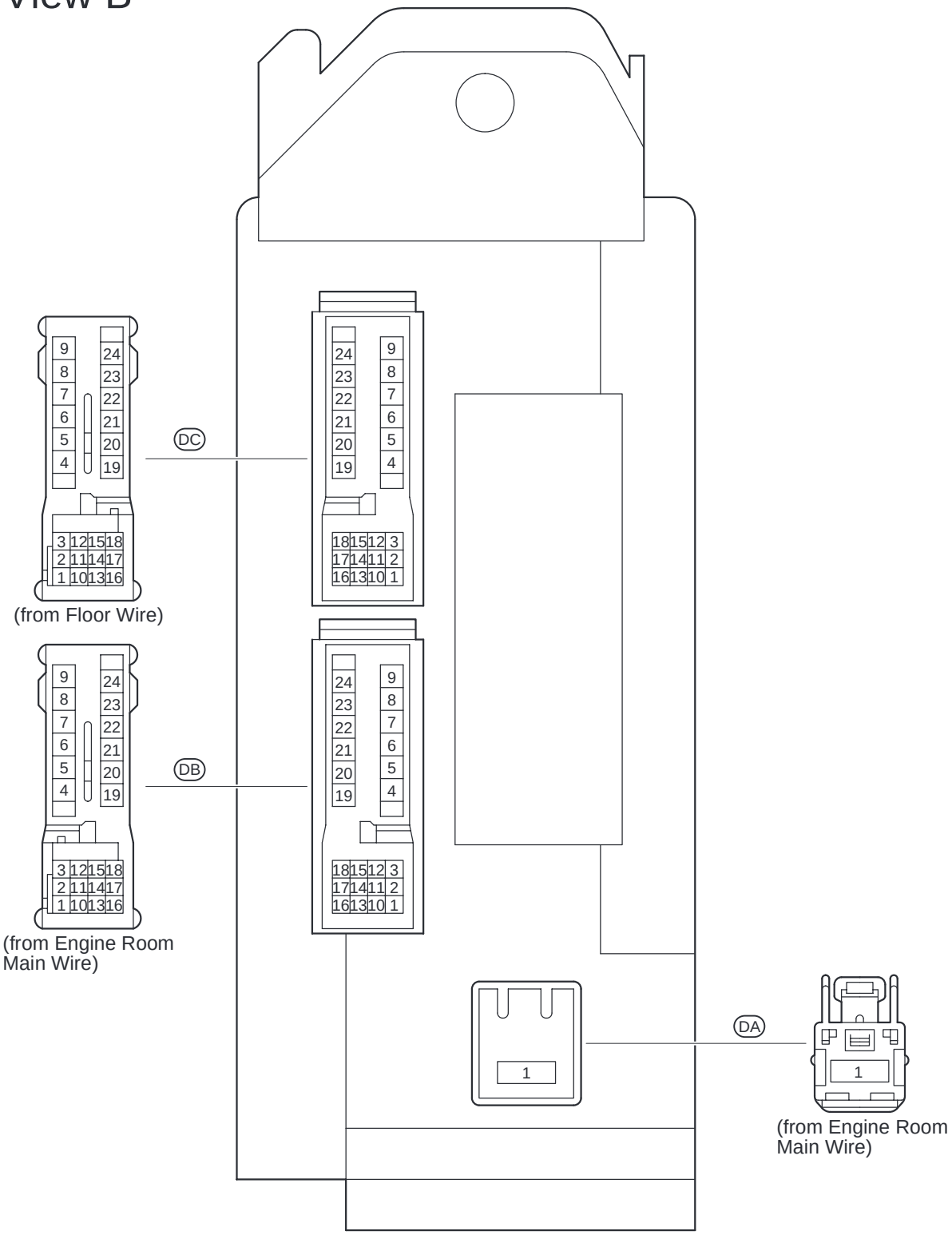
View A


S/ROOF
25A
TI&TE
15A
FR P/SEAT RH
30A
POWER No.3
20A
MIR
15A
A/C
7.5A
AM1
7.5A
30A POWER No.1
(for High Current)
1
2
CARGO LP
7.5A
PWR OUTLET
15A
OBD
7.5A
DR/LCK
25A
FR P/SEAT LH
30A
BK/UP LP
10A
ACC
7.5A
PANEL
7.5A
SEAT-HTR
20A
TOW BK/UP
7.5A
A/C IG
10A
TAIL
15A
ECU-IG No.2
7.5A
WIPER
30A
WSH
20A
ECU-IG1 No.3
7.5A
LH-IG
7.5A
ECU-IG No.1
7.5A
ECU-IG1 No.4
7.5A

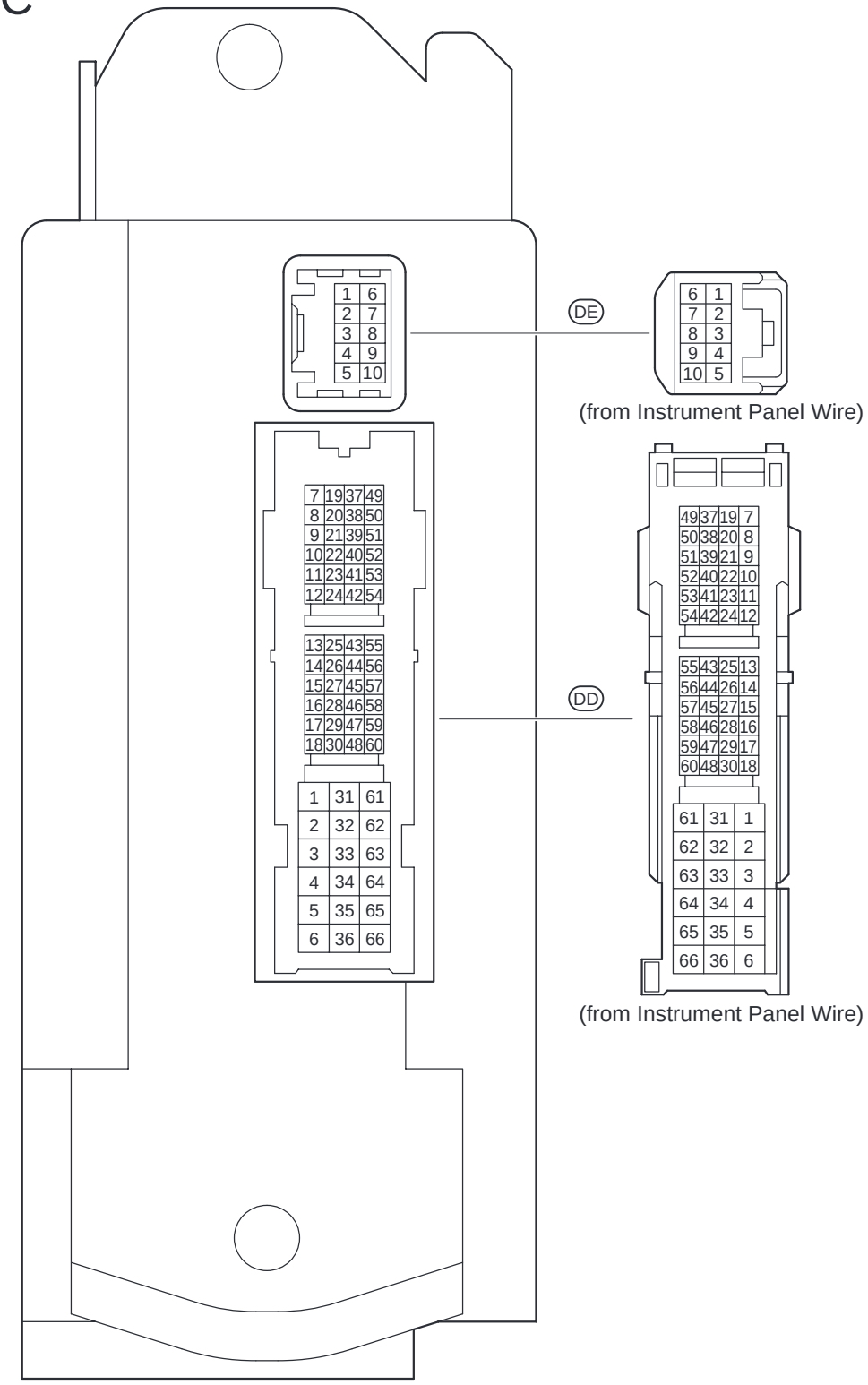
F RELAY LOCATIONS

: Driver Side J/B	Cowl Side Left (See Page 21)

View B

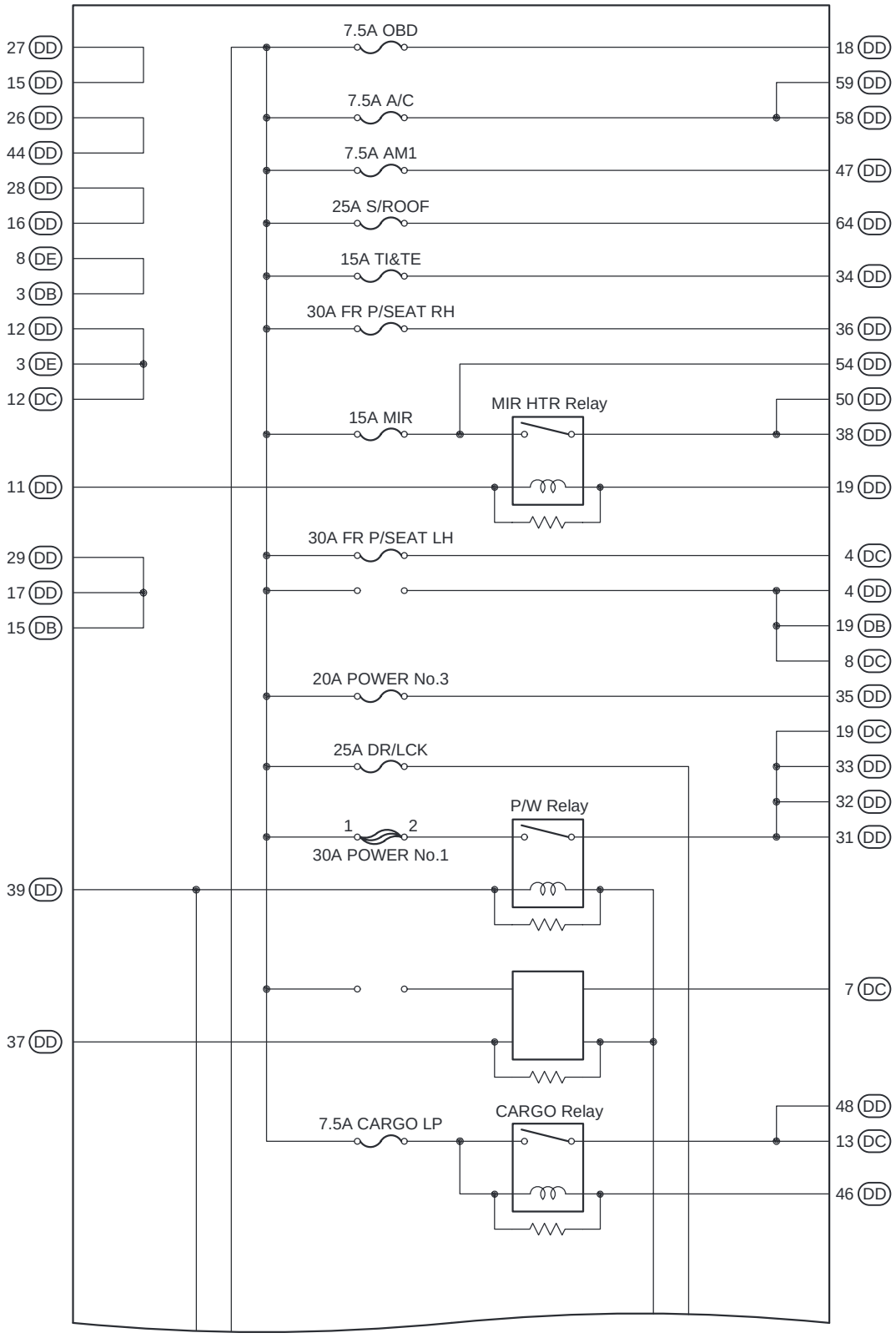


View C


1 6
2 7
3 8
4 9
5 10
DE
6 1
7 2
8 3
9 4
10 5
(from Instrument Panel Wire)
7 19 37 49
8 20 38 50
9 21 39 51
10 22 40 52
11 23 41 53
12 24 42 54
13 25 43 55
14 26 44 56
15 27 45 57
16 28 46 58
17 29 47 59
18 30 48 60
1 31 61
2 32 62
3 33 63
4 34 64
5 35 65
6 36 66
DD
49 37 19 7
50 38 20 8
51 39 21 9
52 40 22 10
53 41 23 11
54 42 24 12
55 43 25 13
56 44 26 14
57 45 27 15
58 46 28 16
59 47 29 17
60 48 30 18
61 31 1
62 32 2
63 33 3
64 34 4
65 35 5
66 36 6
(from Instrument Panel Wire)

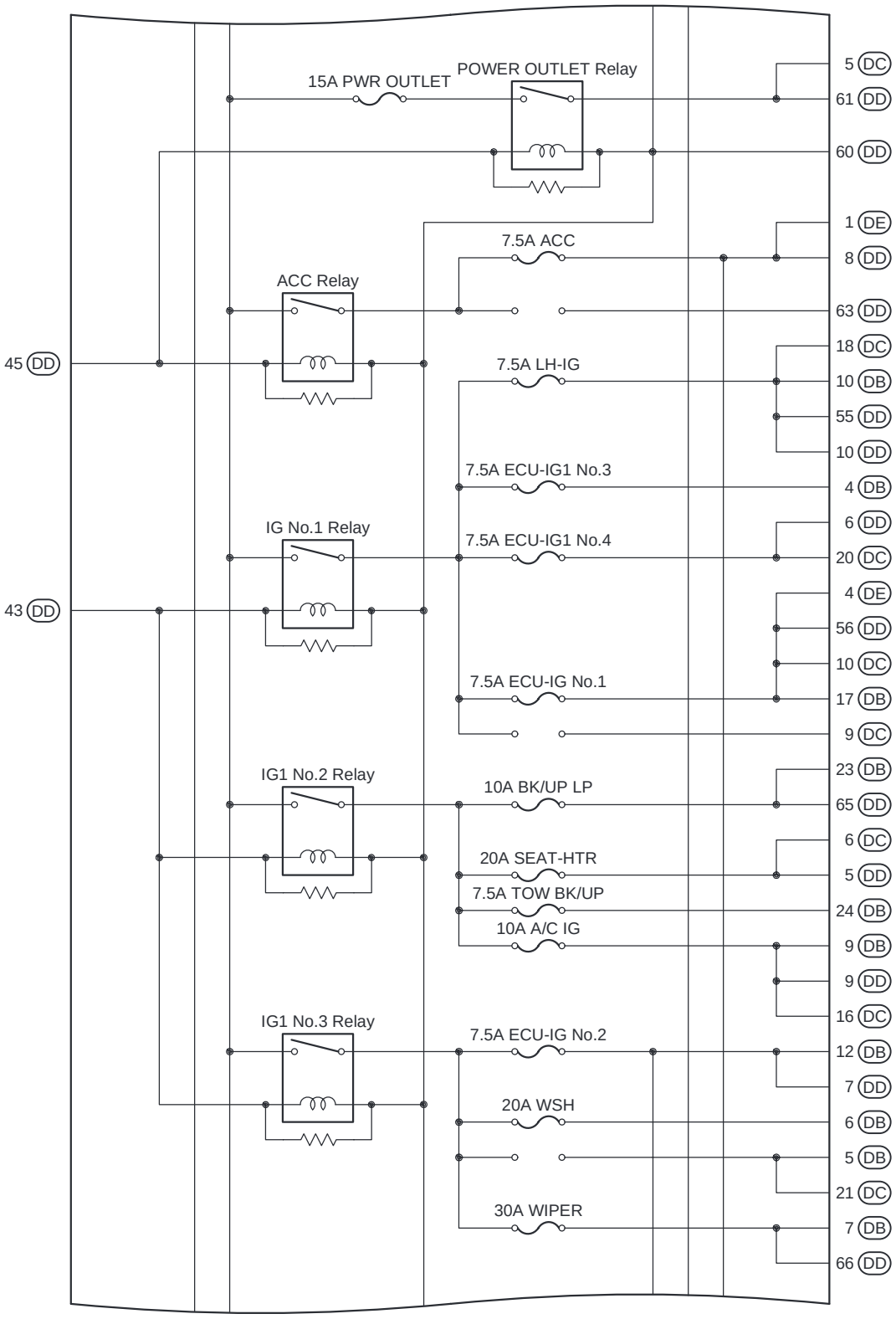
F RELAY LOCATIONS

[Driver Side J/B Inner Circuit]



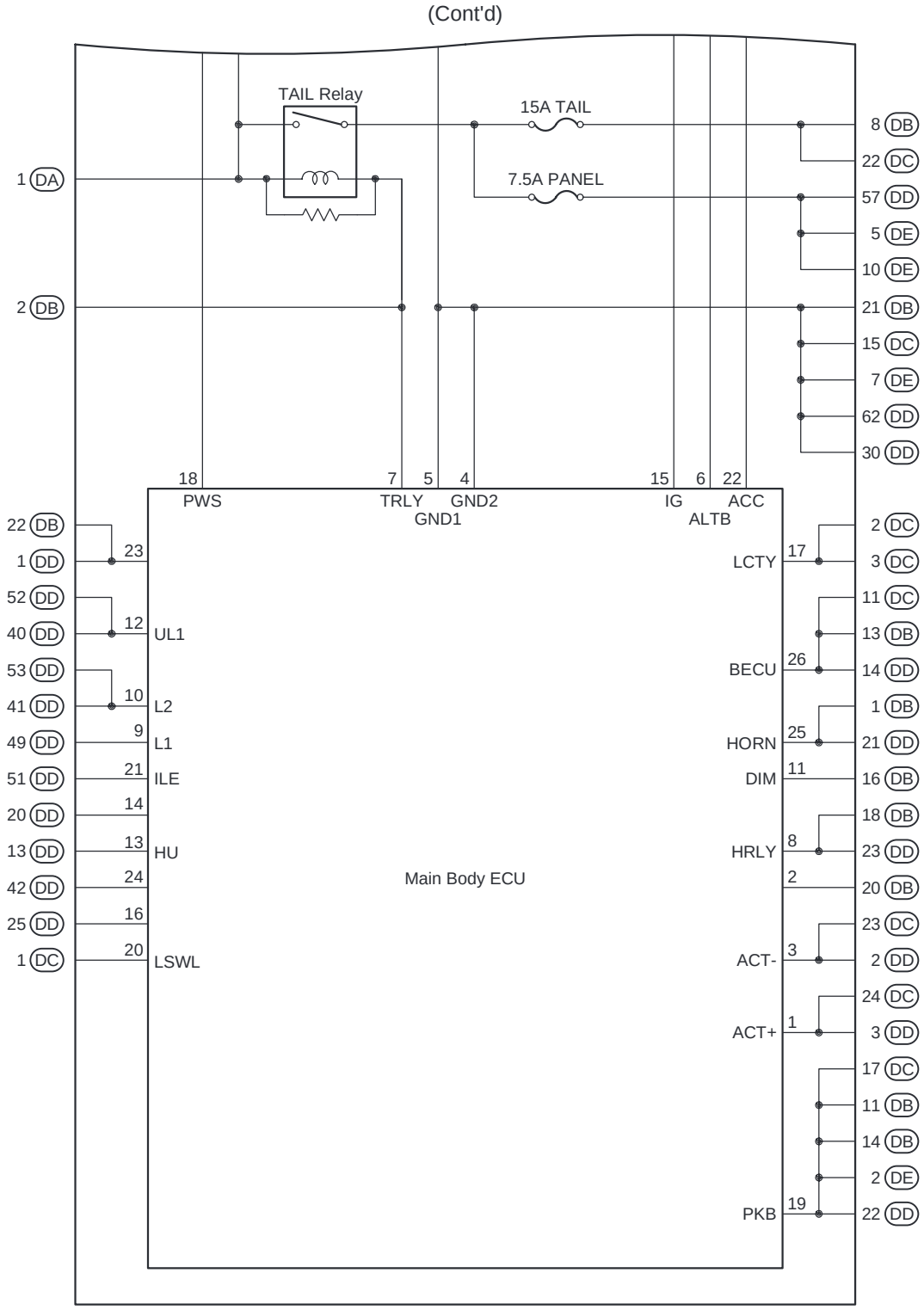
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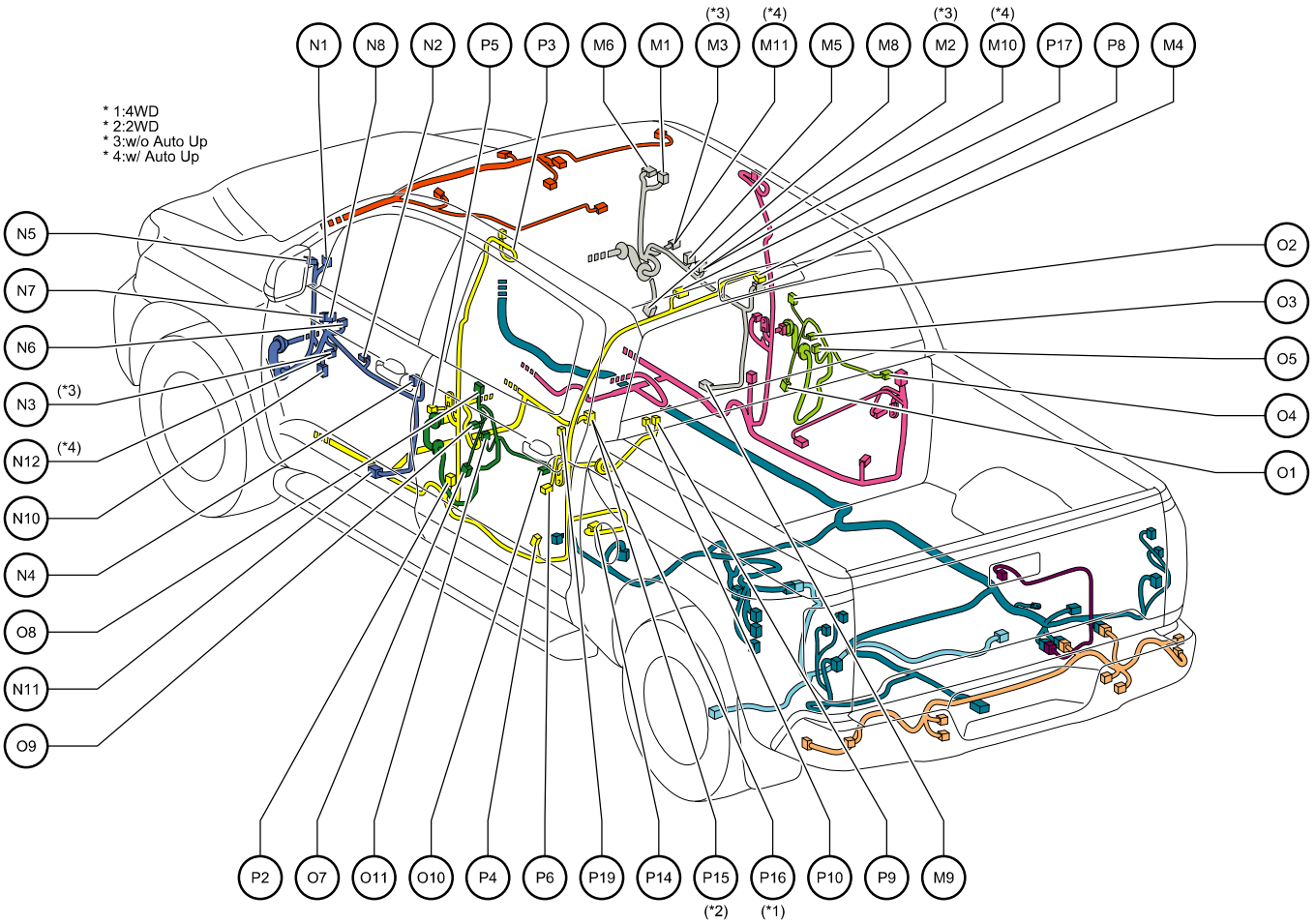
(Cont'd)



(Cont. Next Page)

[Driver Side J/B Inner Circuit]




* 1:4WD
* 2:2WD
* 3:w/o Auto Up
* 4:w/ Auto Up
N1
N8
N2
P5
P3
M6
M1
(*3)
M3
(*4)
M11
M5
M8
(*3)
M2
(*4)
M10
P17
P8
M4
N5
N7
N6
N3
(*3)
N12
(*4)
N10
N4
O8
N11
O9
O2
O3
O5
O4
O1
P2
O7
O11
O10
P4
P6
P19
P14
P15
(*2)
P16
(*1)
P10
P9
M9

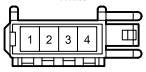
M	1	Front No.2 Speaker Assembly RH
M	2	Front Power Window Switch RH
M	3	Front Power Window Regulator Motor RH
M	4	Front Door Lock Motor RH
M	5	Front Door Lock Switch RH
M	6	Outer Rear View Mirror RH
M	8	Front No.1 Speaker Assembly RH
M	9	Door Side Airbag Sensor RH
M	10	Front Power Window Switch RH
M	11	Front Power Window Regulator Motor RH

N	1	Front No.2 Speaker Assembly LH
N	2	Power Window Regulator Master Switch
N	3	Front Power Window Regulator Motor LH
N	4	Front Door Lock Motor LH
N	5	Outer Rear View Mirror LH
N	6	Seat Memory Switch
N	7	Outer Mirror Control ECU
N	8	Outer Mirror Control ECU
N	10	Front No.1 Speaker Assembly LH
N	11	Door Side Airbag Sensor LH
N	12	Front Power Window Regulator Motor LH

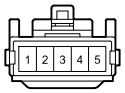
O	1	Rear Speaker Assembly RH
O	2	Rear No.2 Speaker Assembly RH
O	3	Rear Power Window Regulator Motor RH
O	4	Rear Door Lock Motor RH
O	5	Rear Power Window Switch RH
O	7	Rear Speaker Assembly LH
O	8	Rear No.2 Speaker Assembly LH
O	9	Rear Power Window Regulator Motor LH
O	10	Rear Door Lock Motor LH
O	11	Rear Power Window Switch LH

P	2	Front Pretensioner LH
P	3	Curtain Shield Airbag Squib Circuit LH
P	4	Side Airbag Sensor LH
P	5	Front Door Courtesy Switch LH
P	6	Rear Door Courtesy Switch LH
P	8	Cargo Light , High Mounted Stop Light
P	9	Rear Window Defogger
P	10	Rear Window Defogger
P	14	No.1 Speaker with Box Assembly
P	15	Yaw Rate Sensor
P	16	Yaw Rate Sensor
P	17	Tire Pressure Warning Antenna and Receiver
P	19	Rear Cross Traffic Alert Buzzer (Blind Spot Monitor Buzzer)

M 1
White



M 2
White



M 3
Black



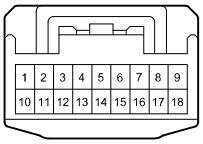
M 4
White



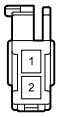
M 5
White



M 6
White



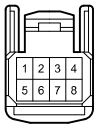
M 8
White



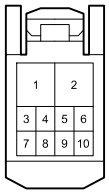
M 9
Yellow



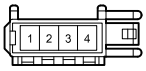
M 10
White



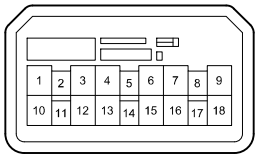
M 11
White



N 1
White



N 2
White



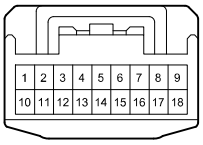
N 3
Black



N 4
White



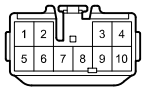
N 5
White



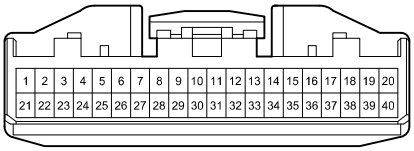
N 6
White



N 7
White



N 8
White



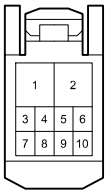
N 10
White



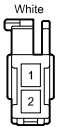
N 11
Yellow



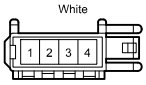
N 12
White



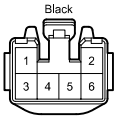
O 1
White



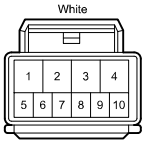
O 2
White



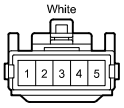
O 3
Black



O 4
White



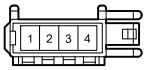
O 5
White



O 7
White



O 8
White



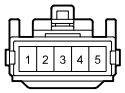
O 9
Black



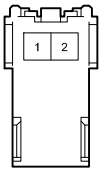
O 10
White



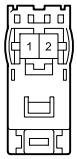
O 11
White



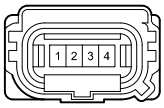
P 2
Yellow



P 3
Black



P 4
Yellow



P 5
White



P 6
White



P 8
White



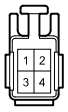
P 9
Black



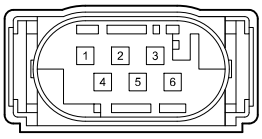
P 10
Black



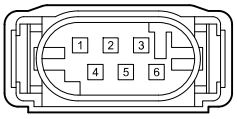
P 14
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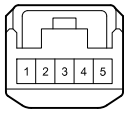
P 15
Black



P 16
Black

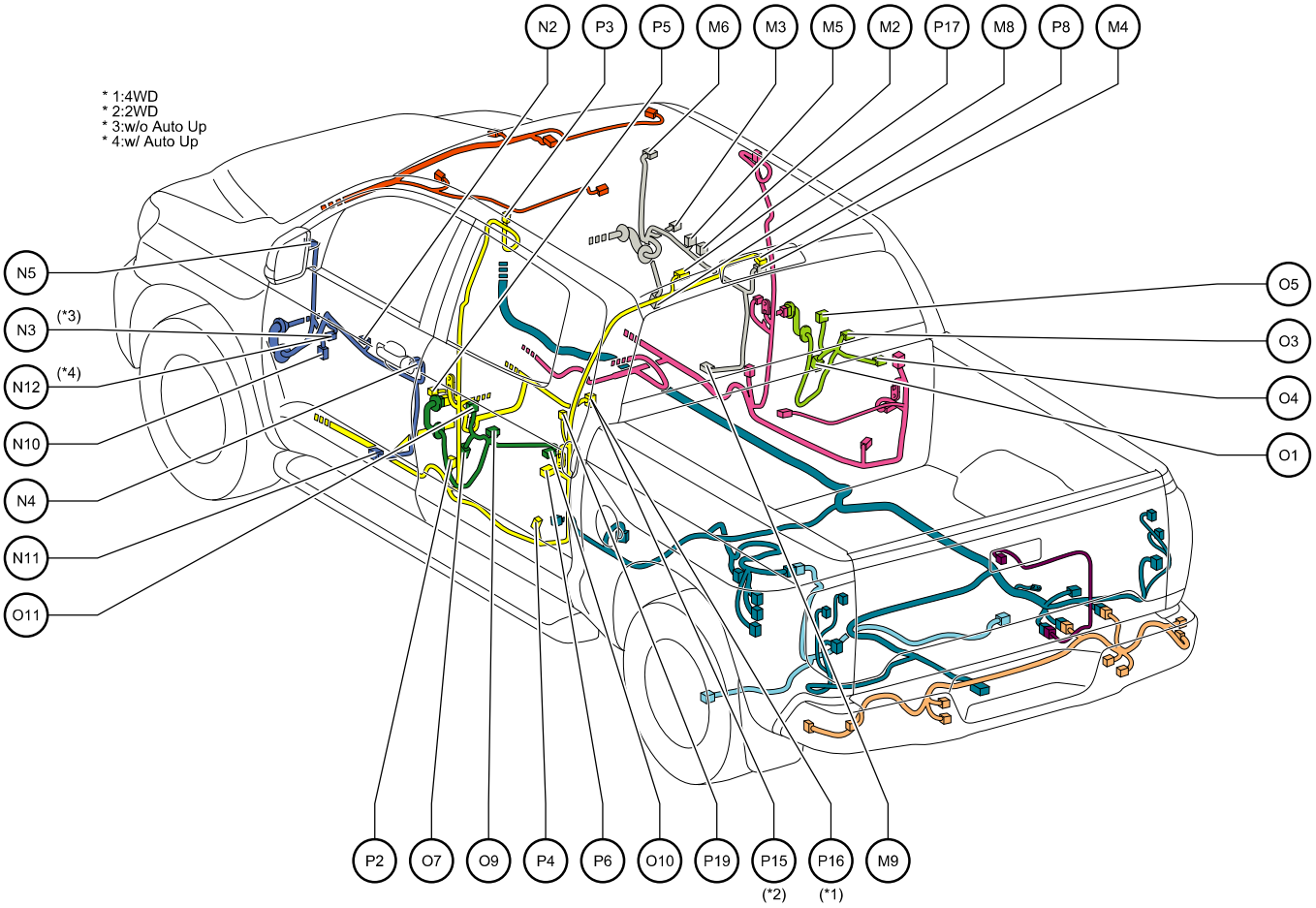


P 17
White



P 19
Black




N2
P3
P5
M6
M3
M5
M2
P17
M8
P8
M4
* 1:4WD
* 2:2WD
* 3:w/o Auto Up
* 4:w/ Auto Up
N5
N3
(*3)
N12
(*4)
N10
N4
N11
O11
O5
O3
O4
O1
P2
O7
O9
P4
P6
O10
P19
P15
(*2)
P16
(*1)
M9

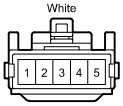
M 2 Front Power Window Switch RH
M 3 Front Power Window Regulator Motor RH
M 4 Front Door Lock Motor RH
M 5 Front Door Lock Switch RH
M 6 Outer Rear View Mirror RH
M 8 Front No.1 Speaker Assembly RH
M 9 Door Side Airbag Sensor RH

N 2 Power Window Regulator Master Switch
N 3 Front Power Window Regulator Motor LH
N 4 Front Door Lock Motor LH
N 5 Outer Rear View Mirror LH
N 10 Front No.1 Speaker Assembly LH
N 11 Door Side Airbag Sensor LH
N 12 Front Power Window Regulator Motor LH

O 1 Rear Speaker Assembly RH
O 3 Rear Power Window Regulator Motor RH
O 4 Rear Door Lock Motor RH
O 5 Rear Power Window Switch RH
O 7 Rear Speaker Assembly LH
O 9 Rear Power Window Regulator Motor LH
O 10 Rear Door Lock Motor LH
O 11 Rear Power Window Switch LH

P 2 Front Pretensioner LH
P 3 Curtain Shield Airbag Squib Circuit LH
P 4 Side Airbag Sensor LH
P 5 Front Door Courtesy Switch LH
P 6 Rear Door Courtesy Switch LH
P 8 Cargo Light , High Mounted Stop Light
P 15 Yaw Rate Sensor
P 16 Yaw Rate Sensor
P 17 Tire Pressure Warning Antenna and Receiver
P 19 Rear Cross Traffic Alert Buzzer (Blind Spot Monitor Buzzer)

M 2
White



M 3
Black



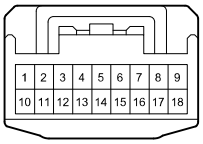
M 4
White



M 5
White



M 6
White



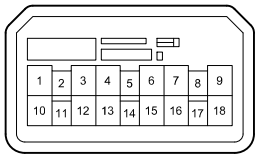
M 8
White



M 9
Yellow



N 2
White



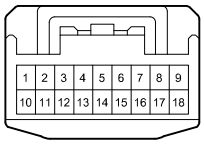
N 3
Black



N 4
White



N 5
White



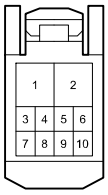
N 10
White



N 11
Yellow



N 12
White



O 1
White



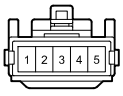
O 3
Black



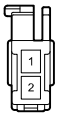
O 4
White



O 5
White



O 7
White



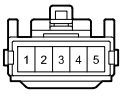
O 9
Black



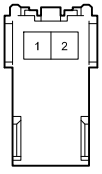
O 10
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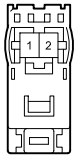
O 11
White



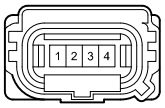
P 2
Yellow



P 3
Black



P 4
Yellow



P 5
White



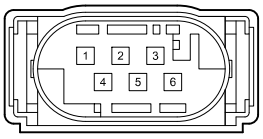
P 6
White



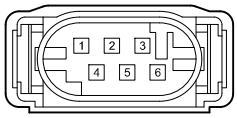
P 8
White



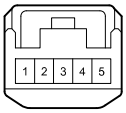
P 15
Black



P 16
Black

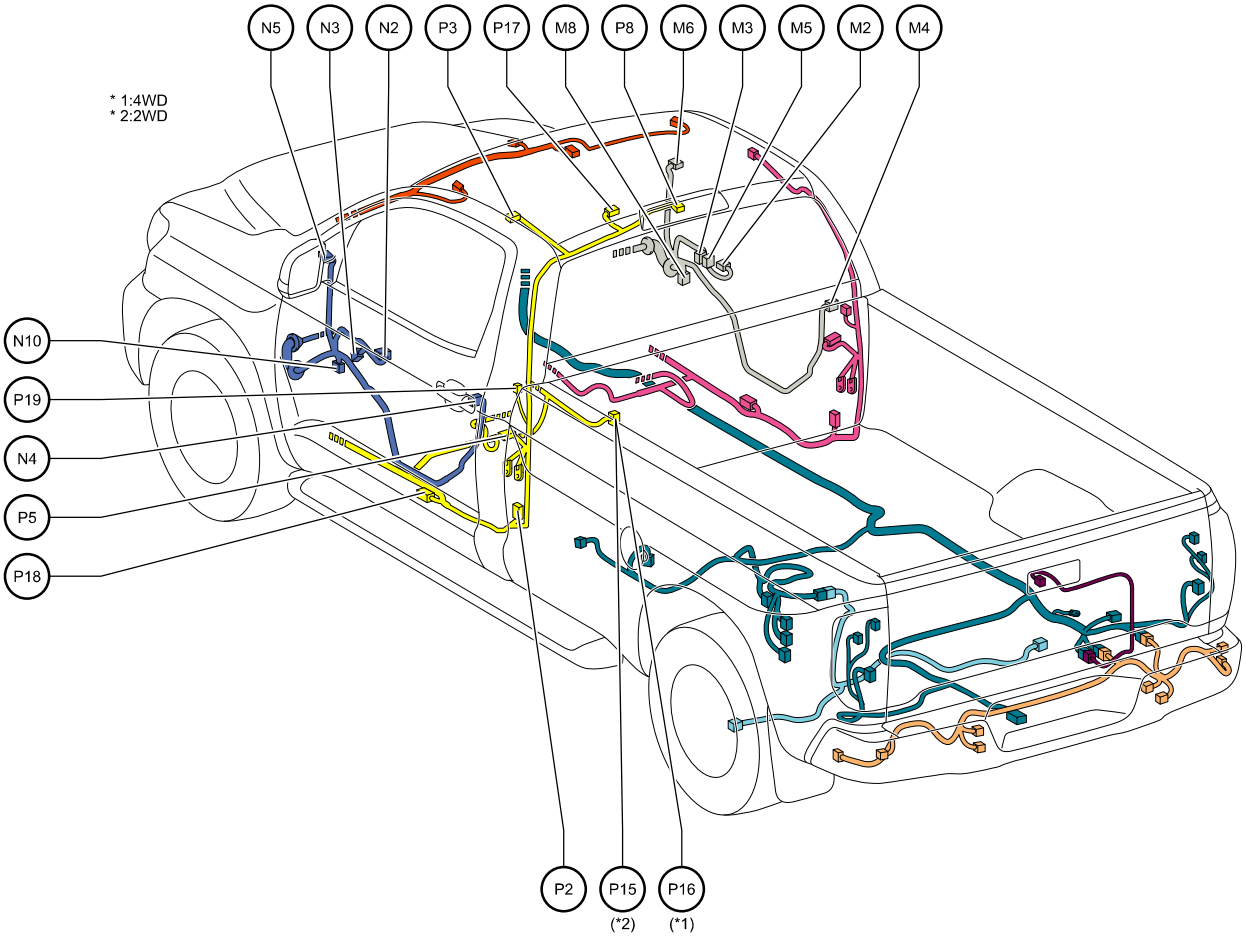


P 17
White



P 19
Black



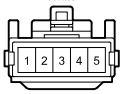

N5
N3
N2
P3
P17
M8
P8
M6
M3
M5
M2
M4
* 1:4WD
* 2:2WD
N10
P19
N4
P5
P18
P2
P15
(*2)
P16
(*1)

M 2 Front Power Window Switch RH
M 3 Front Power Window Regulator Motor RH
M 4 Front Door Lock Motor RH
M 5 Front Door Lock Switch RH
M 6 Outer Rear View Mirror RH
M 8 Front No.1 Speaker Assembly RH

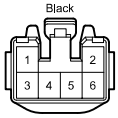
N 2 Power Window Regulator Master Switch
N 3 Front Power Window Regulator Motor LH
N 4 Front Door Lock Motor LH
N 5 Outer Rear View Mirror LH
N 10 Front No.1 Speaker Assembly LH

P 2 Front Pretensioner LH
P 3 Curtain Shield Airbag Squib Circuit LH
P 5 Front Door Courtesy Switch LH
P 8 Cargo Light , High Mounted Stop Light
P 15 Yaw Rate Sensor
P 16 Yaw Rate Sensor
P 17 Tire Pressure Warning Antenna and Receiver
P 18 Side Airbag Sensor LH
P 19 Rear Cross Traffic Alert Buzzer (Blind Spot Monitor Buzzer)

M 2
White



M 3
Black



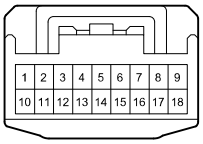
M 4
White



M 5
White



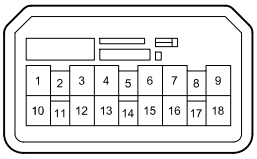
M 6
White



M 8
White



N 2
White



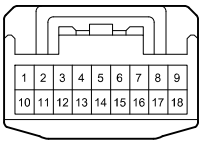
N 3
Black



N 4
White



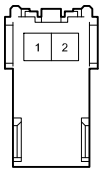
N 5
White



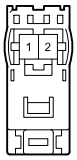
N 10
White



P 2
Yellow



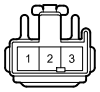
P 3
Black



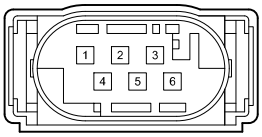
P 5
White



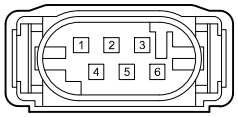
P 8
White



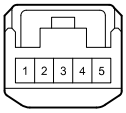
P 15
Black



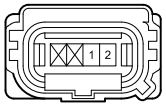
P 16
Black



P 17
White

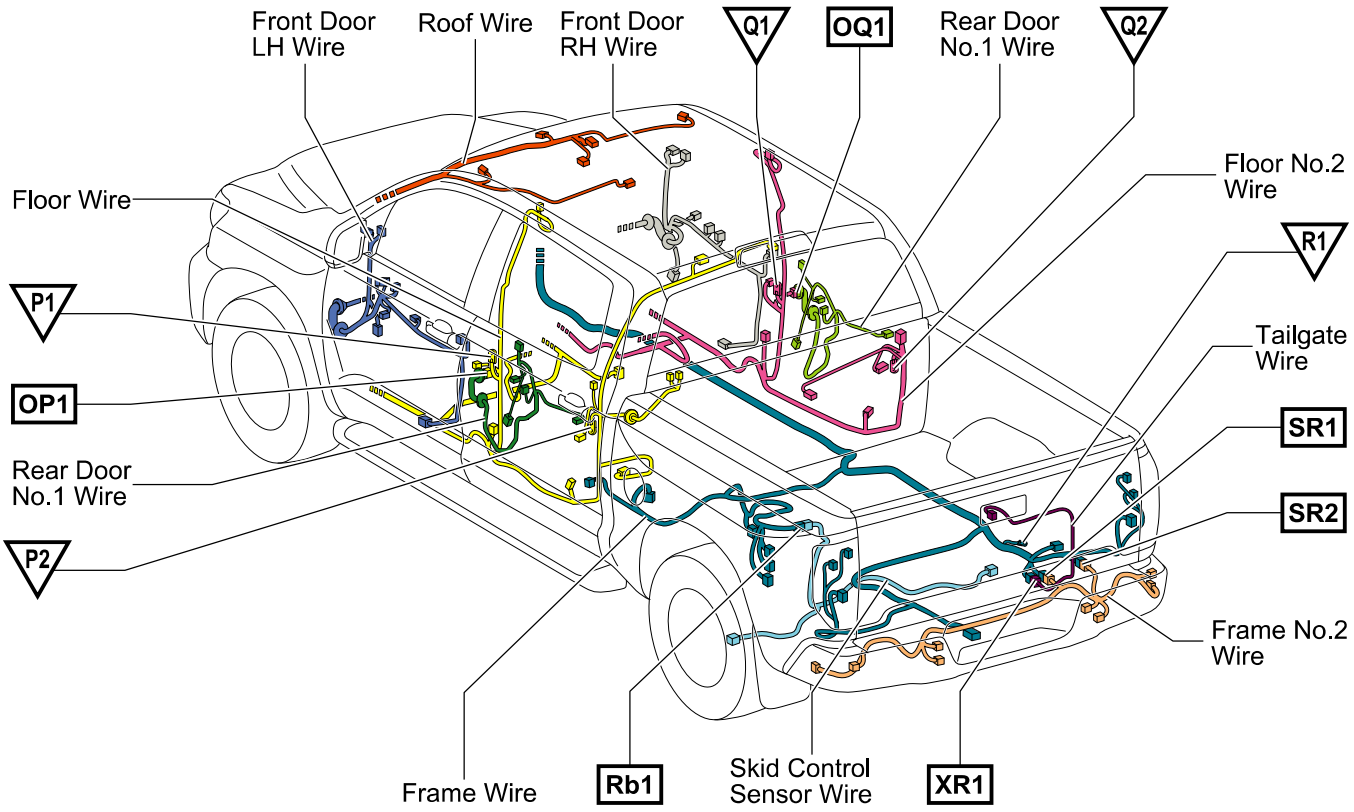


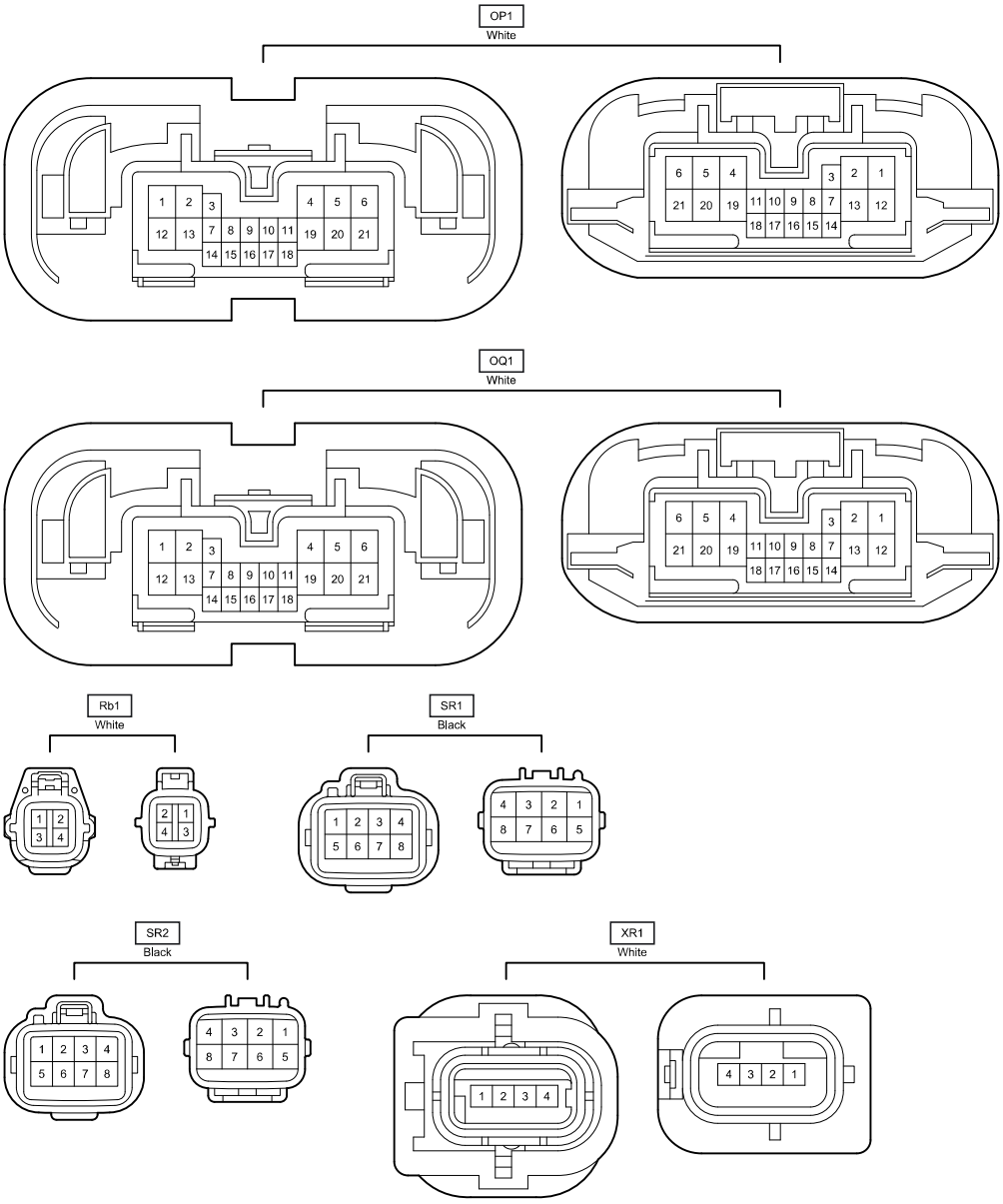
P 18
Yellow

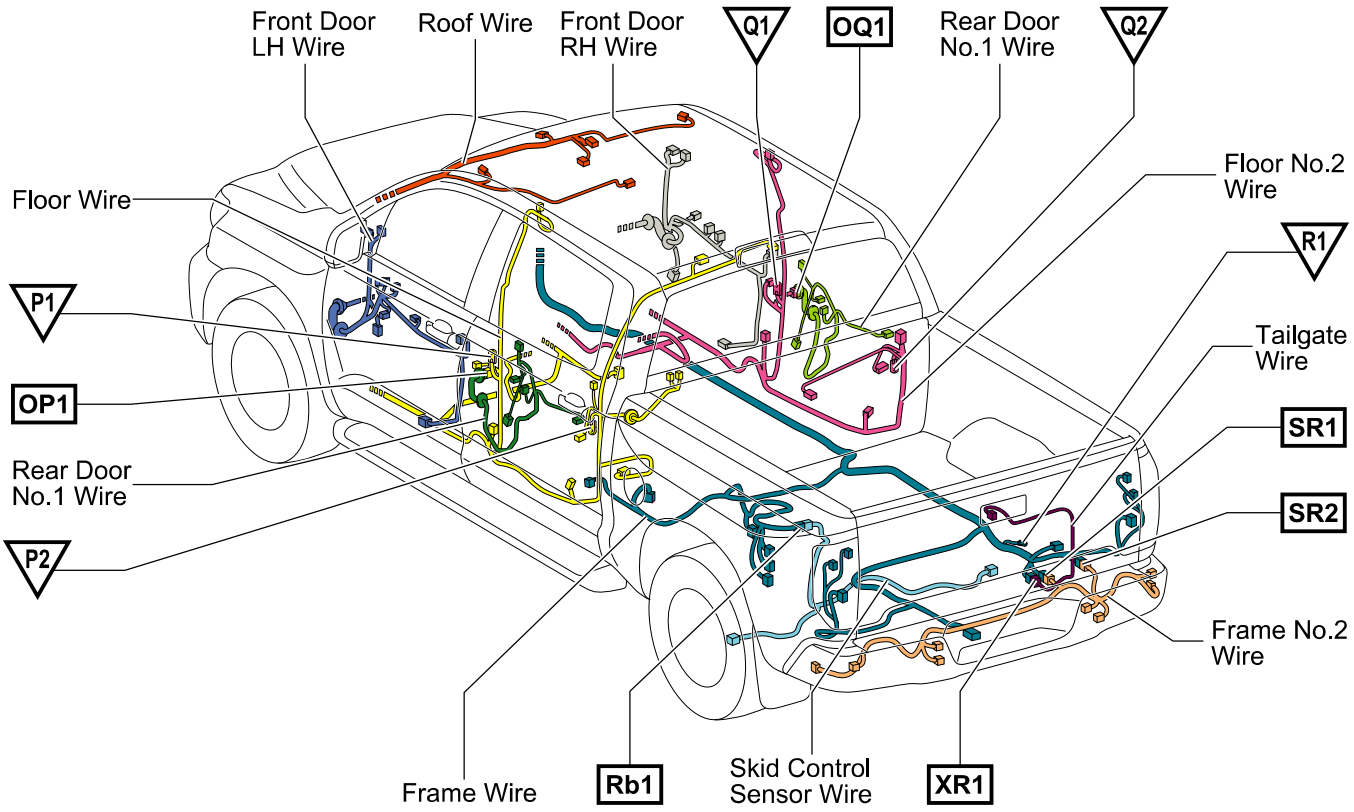


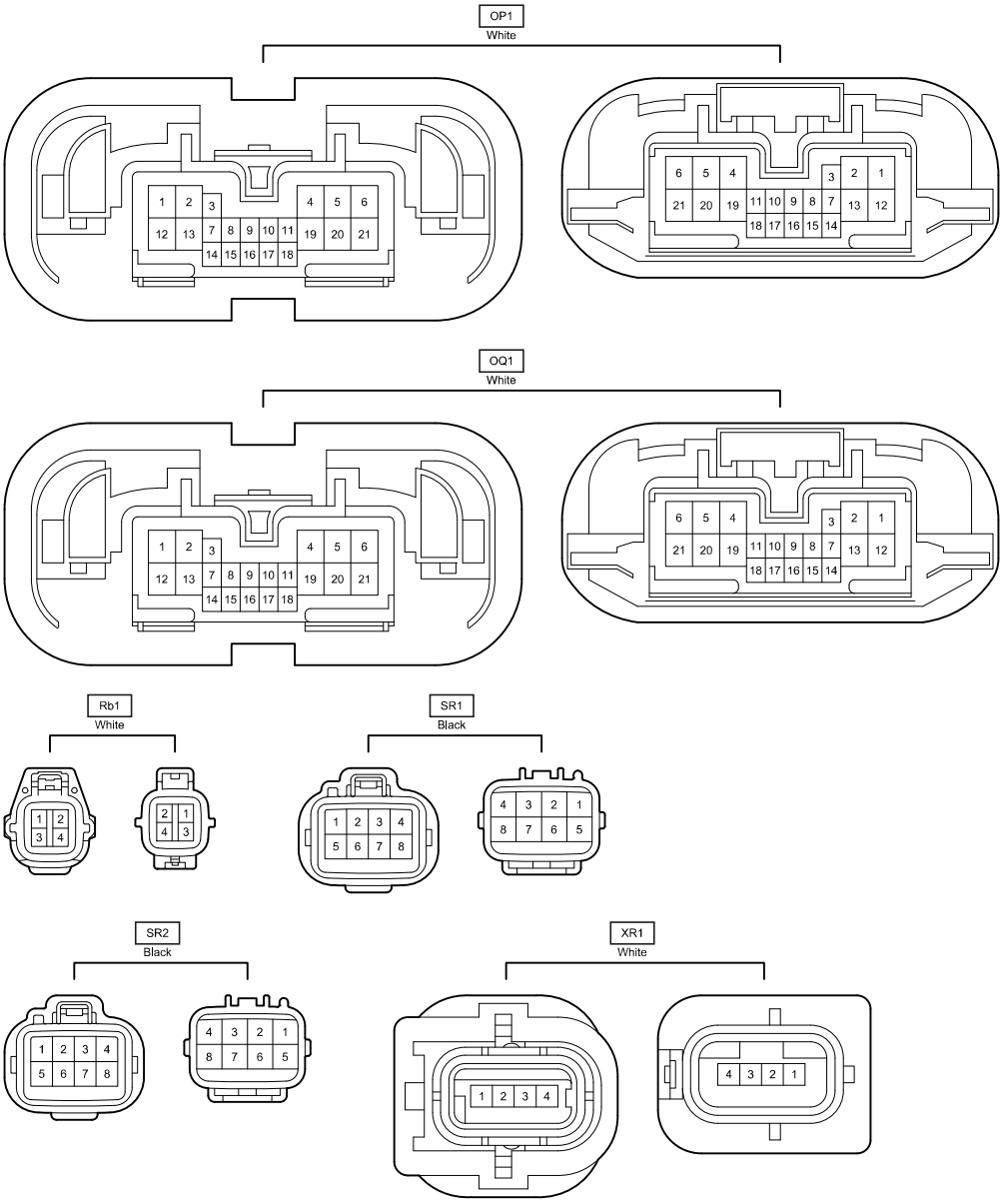
P 19
Black

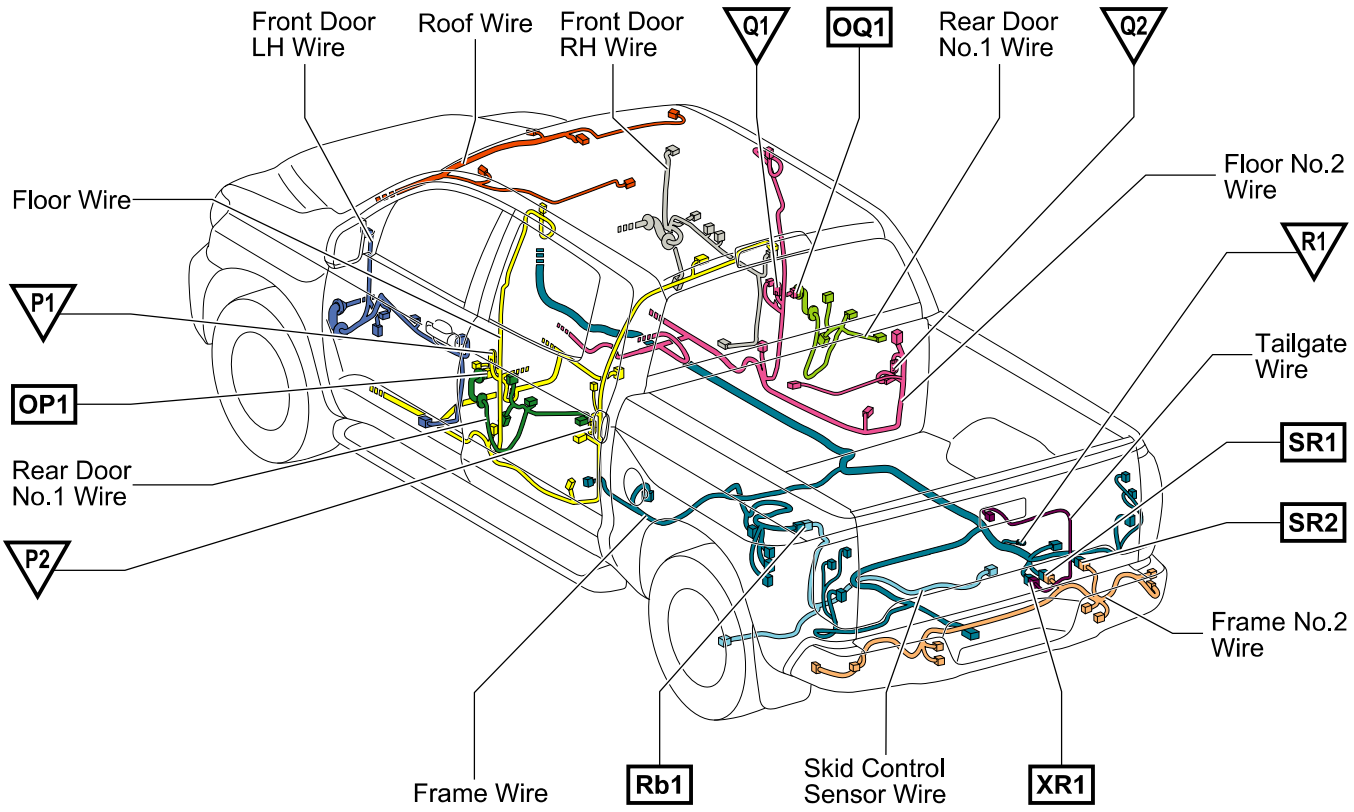


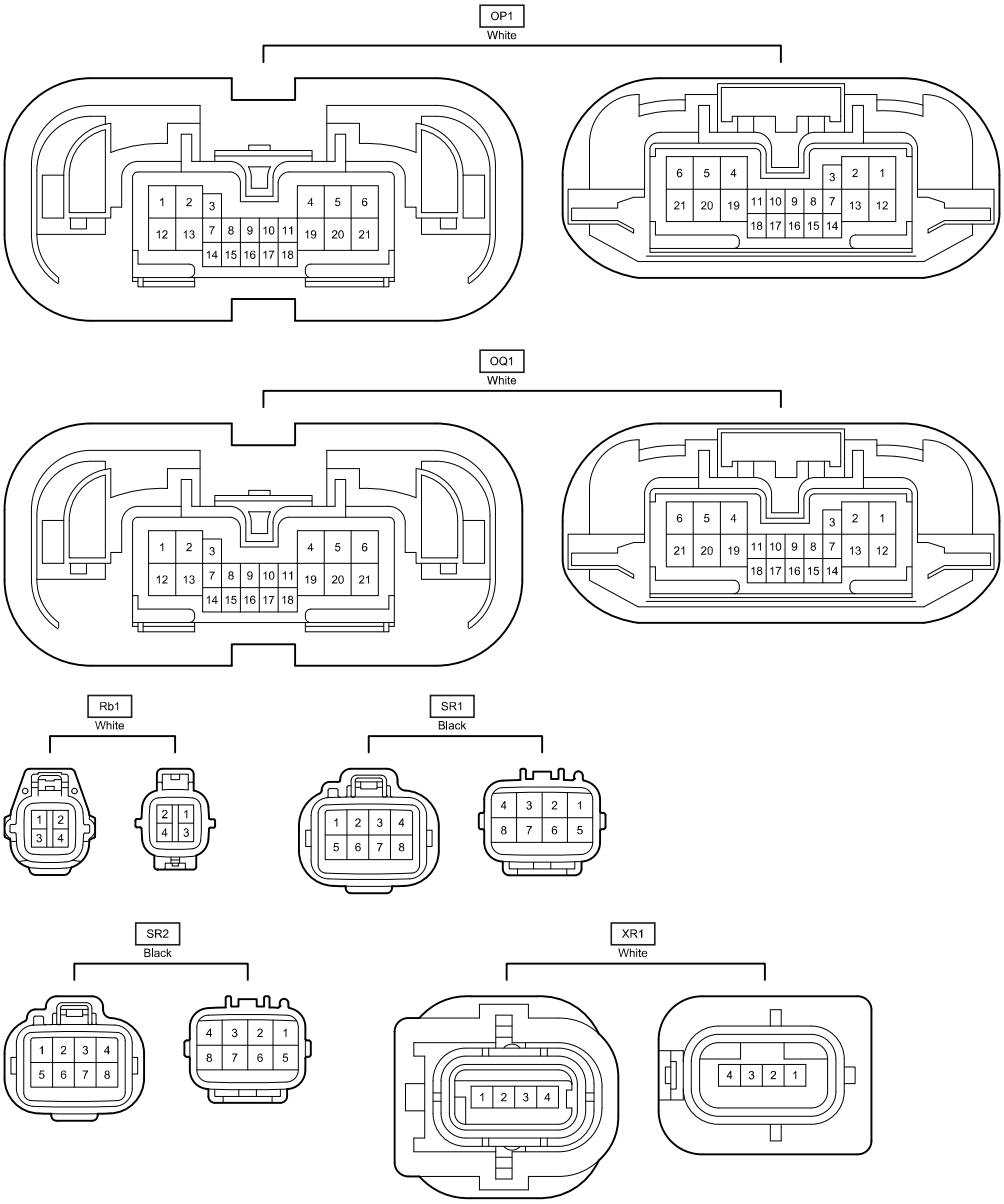

Front Door LH Wire
Roof Wire
Front Door RH Wire
Q1
OQ1
Rear Door No.1 Wire
Q2
Floor No.2 Wire
R1
Floor Wire
P1
Tailgate Wire
OP1
SR1
Rear Door No.1 Wire
SR2
P2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1

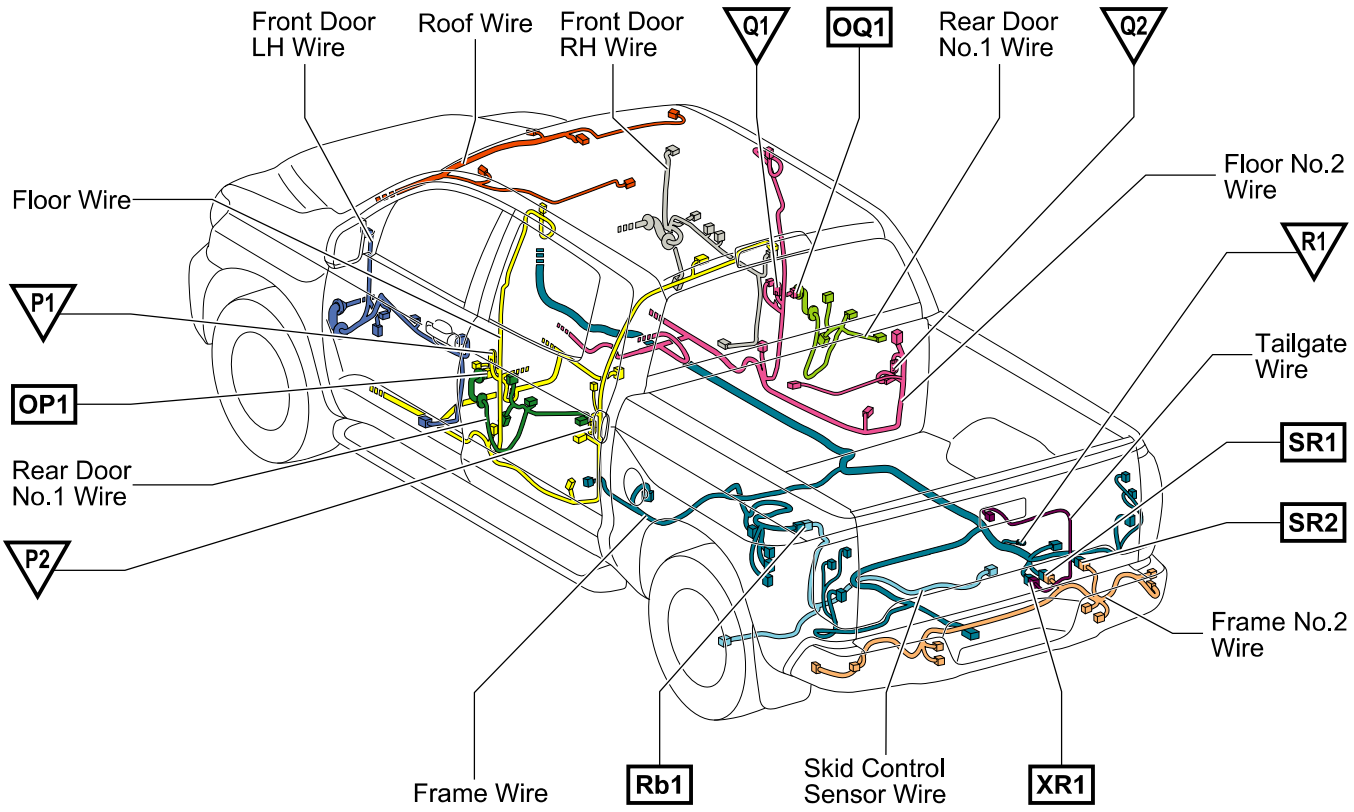

OP1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
OQ1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1

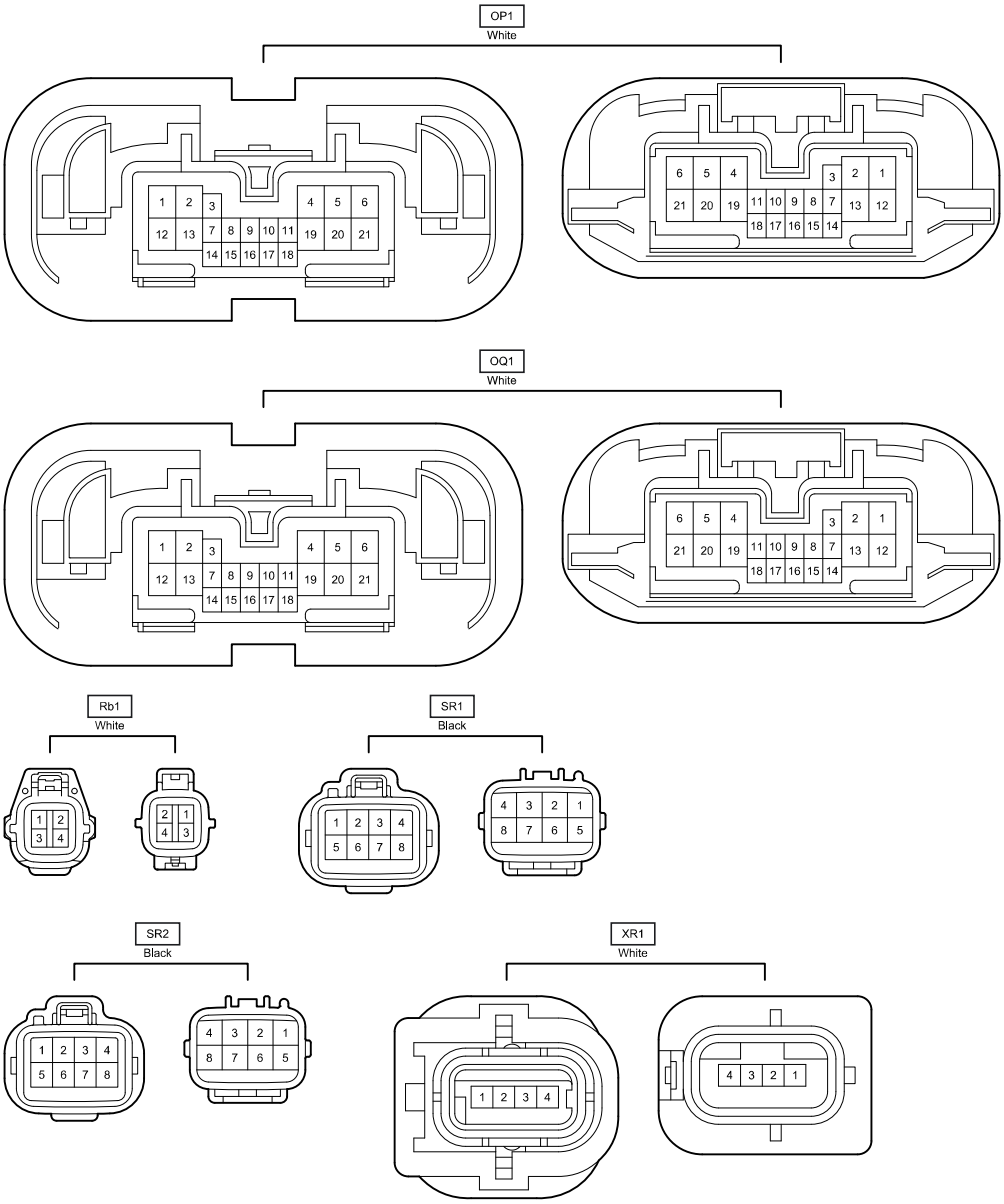

Front Door LH Wire
Roof Wire
Front Door RH Wire
Q1
OQ1
Rear Door No.1 Wire
Q2
Floor No.2 Wire
R1
Floor Wire
P1
Tailgate Wire
OP1
SR1
Rear Door No.1 Wire
SR2
P2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1

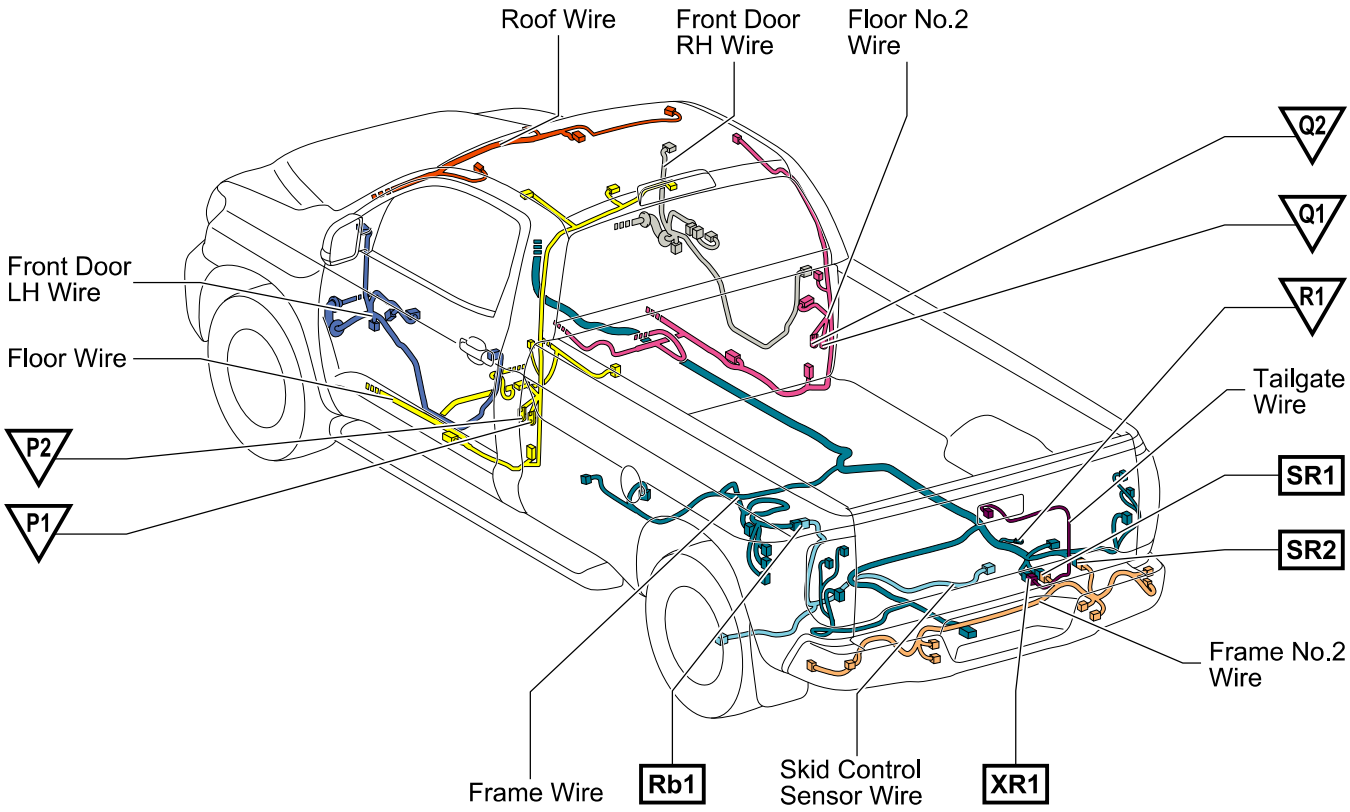

OP1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
OQ1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1

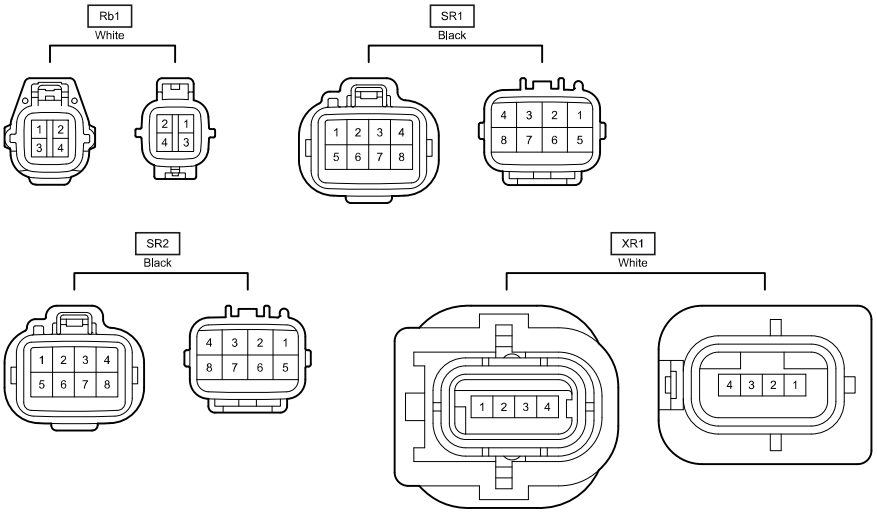

Front Door LH Wire
Roof Wire
Front Door RH Wire
Q1
OQ1
Rear Door No.1 Wire
Q2
Floor No.2 Wire
R1
Floor Wire
P1
OP1
Rear Door No.1 Wire
P2
Tailgate Wire
SR1
SR2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1

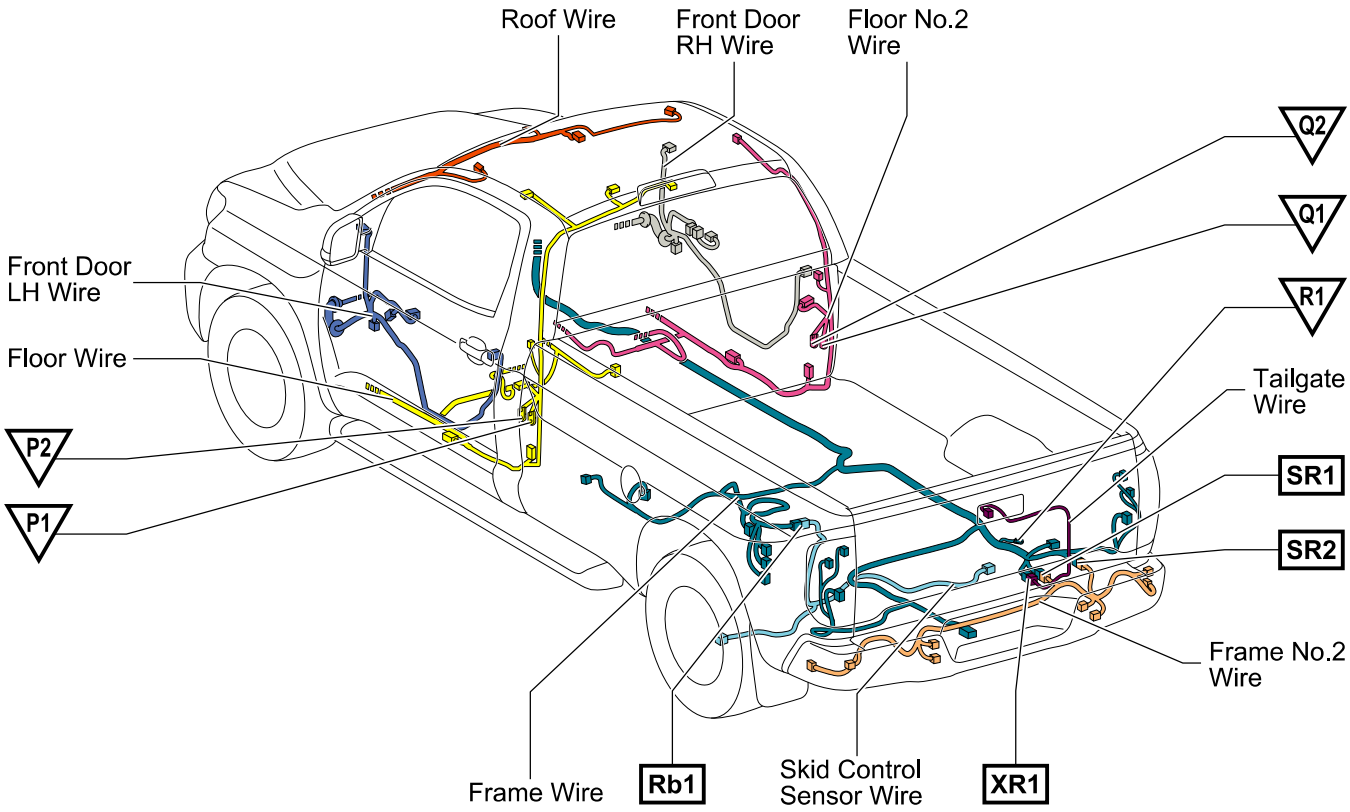

OP1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
OQ1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1

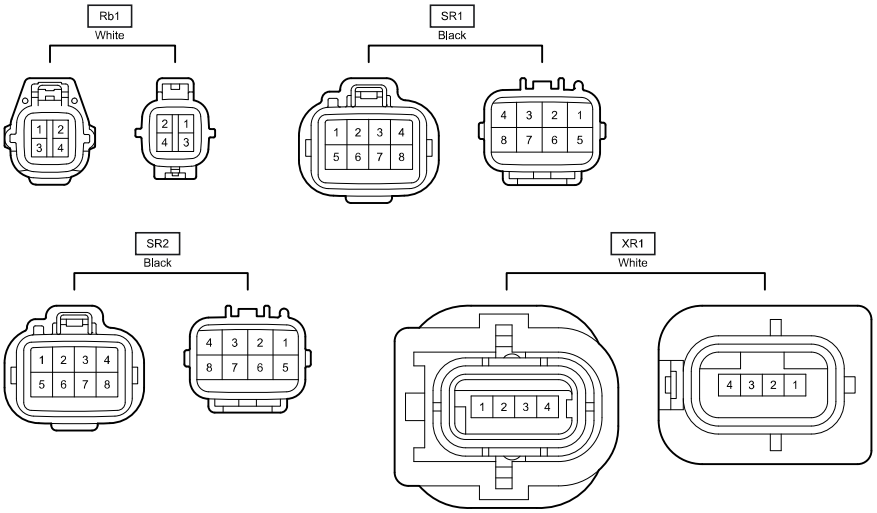

Front Door LH Wire
Roof Wire
Front Door RH Wire
Q1
OQ1
Rear Door No.1 Wire
Q2
Floor No.2 Wire
R1
Floor Wire
P1
OP1
Rear Door No.1 Wire
P2
Tailgate Wire
SR1
SR2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1


OP1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
OQ1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1


Roof Wire
Front Door RH Wire
Floor No.2 Wire
Q2
Q1
R1
Front Door LH Wire
Floor Wire
Tailgate Wire
P2
P1
SR1
SR2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1

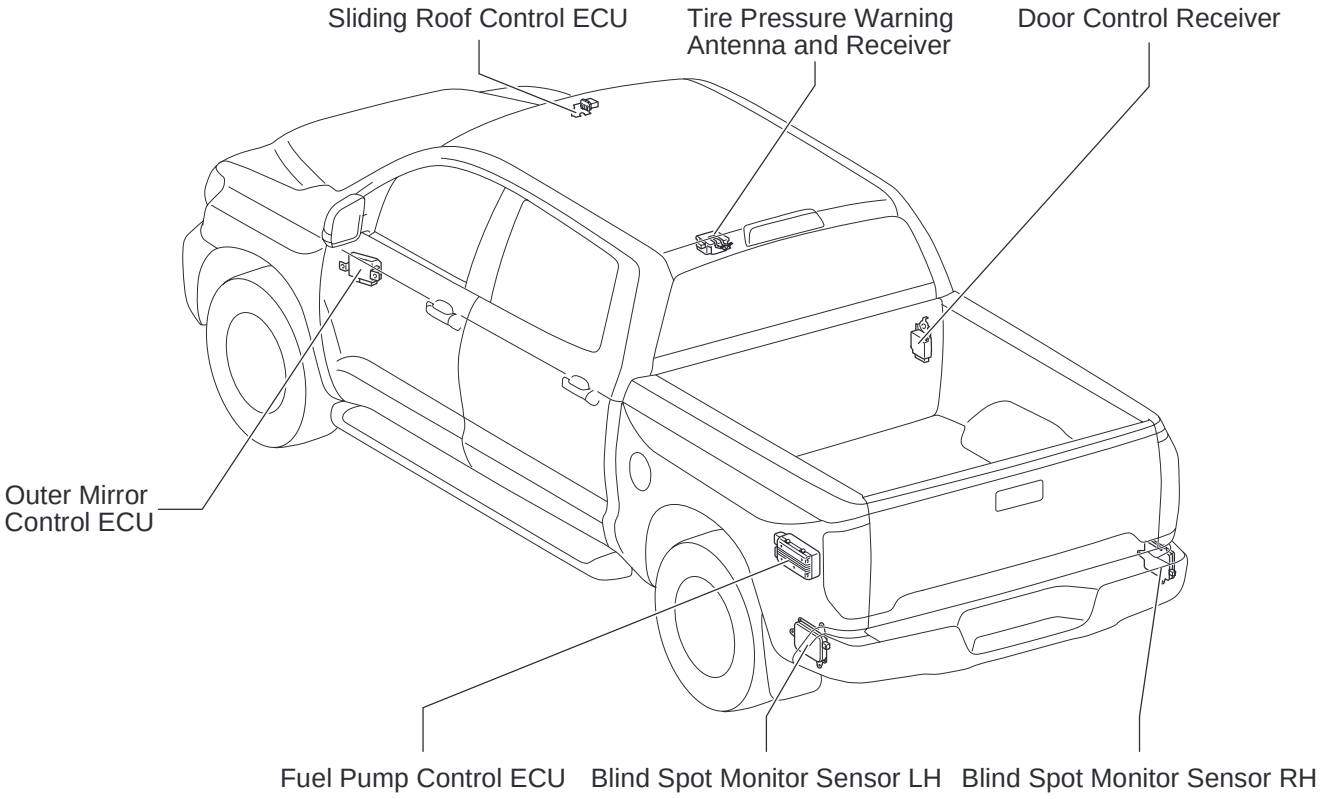

Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1


Roof Wire
Front Door RH Wire
Floor No.2 Wire
Q2
Q1
R1
Front Door LH Wire
Floor Wire
Tailgate Wire
P2
P1
SR1
SR2
Frame No.2 Wire
Frame Wire
Rb1
Skid Control Sensor Wire
XR1

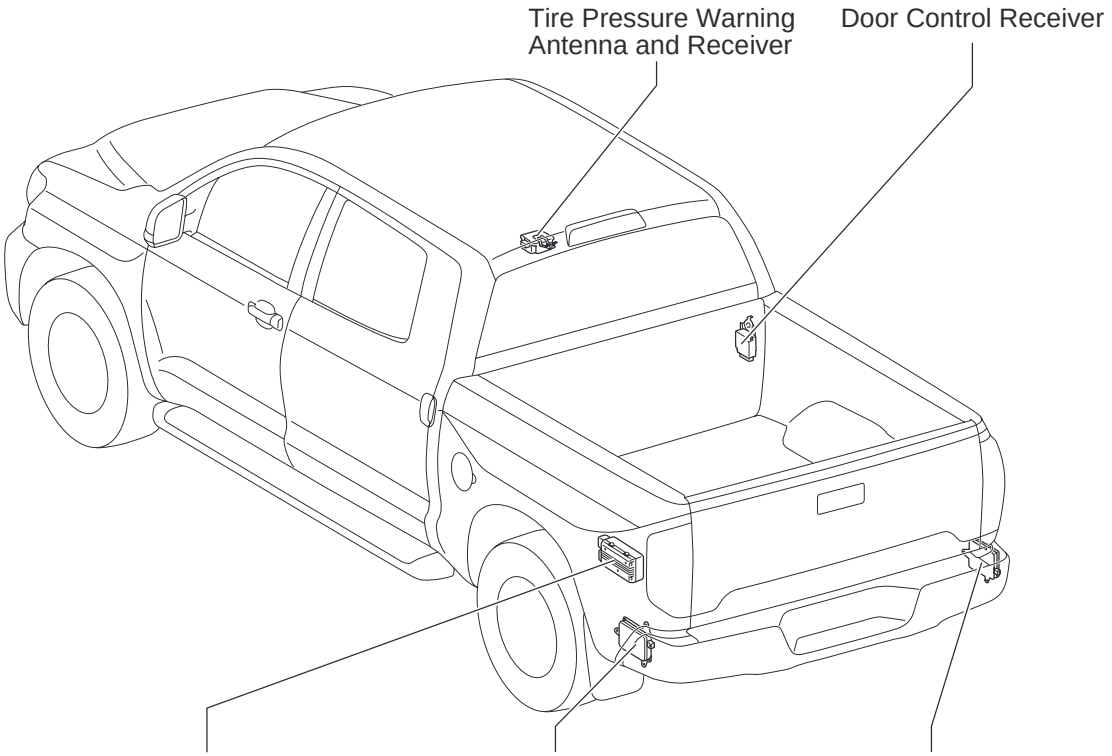

Rb1
White
1 2
3 4
2 1
4 3
SR1
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
SR2
Black
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5
XR1
White
1 2 3 4
4 3 2 1

F RELAY LOCATIONS

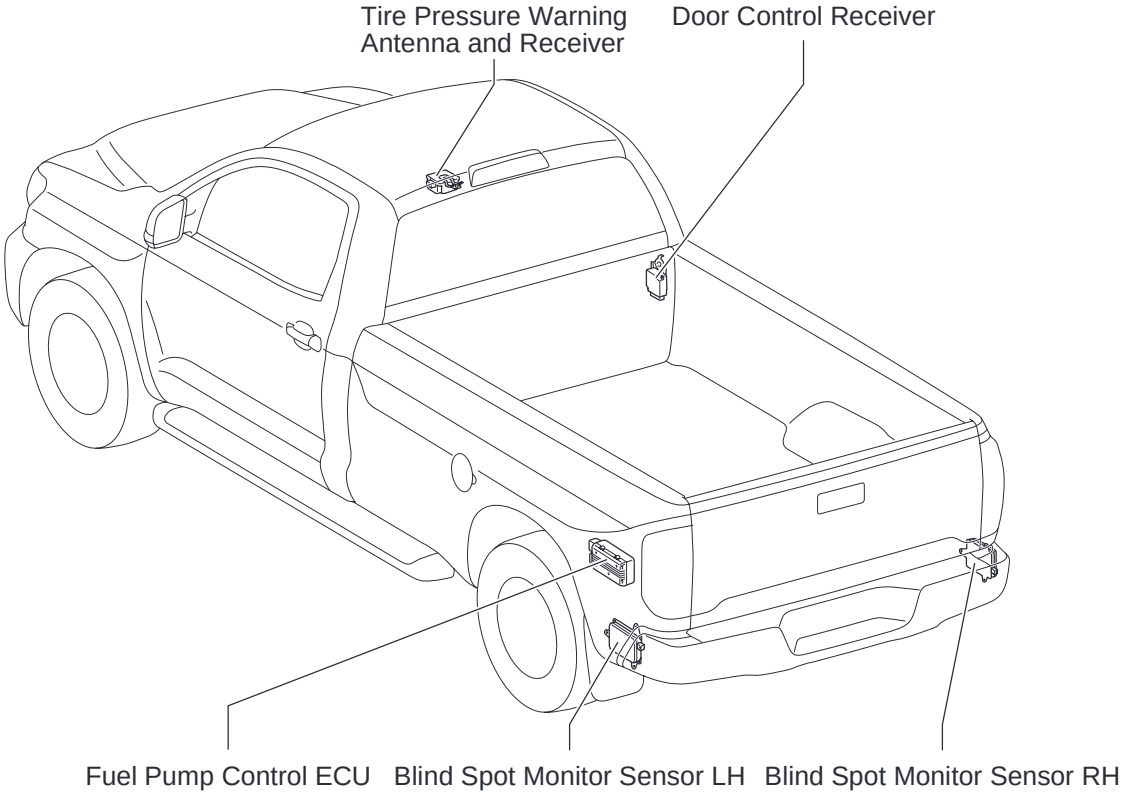
[Body]
(CrewMax)



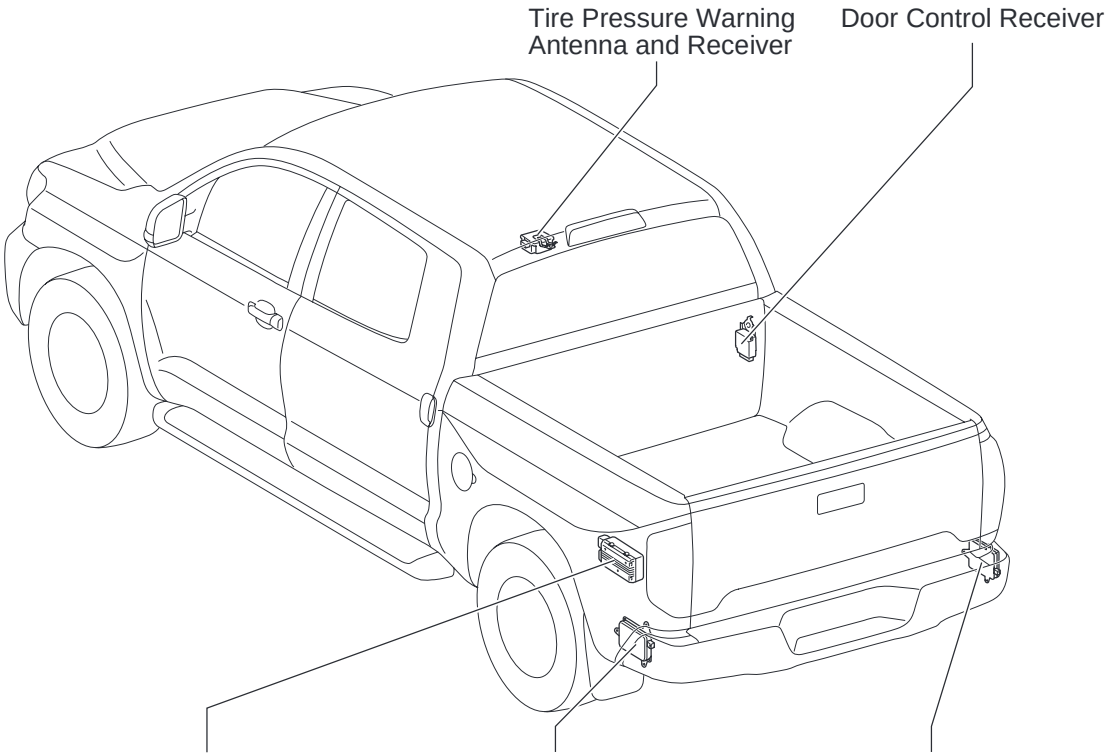
(Double Cab)



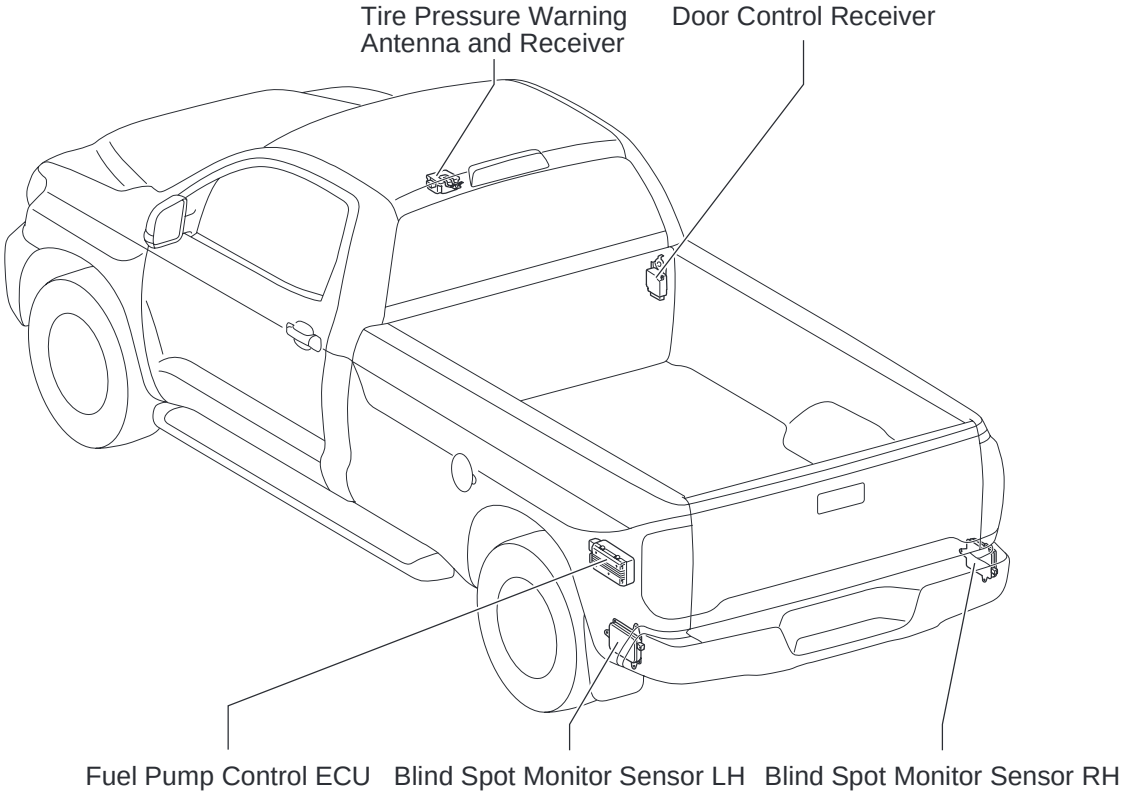
(Regular Cab)

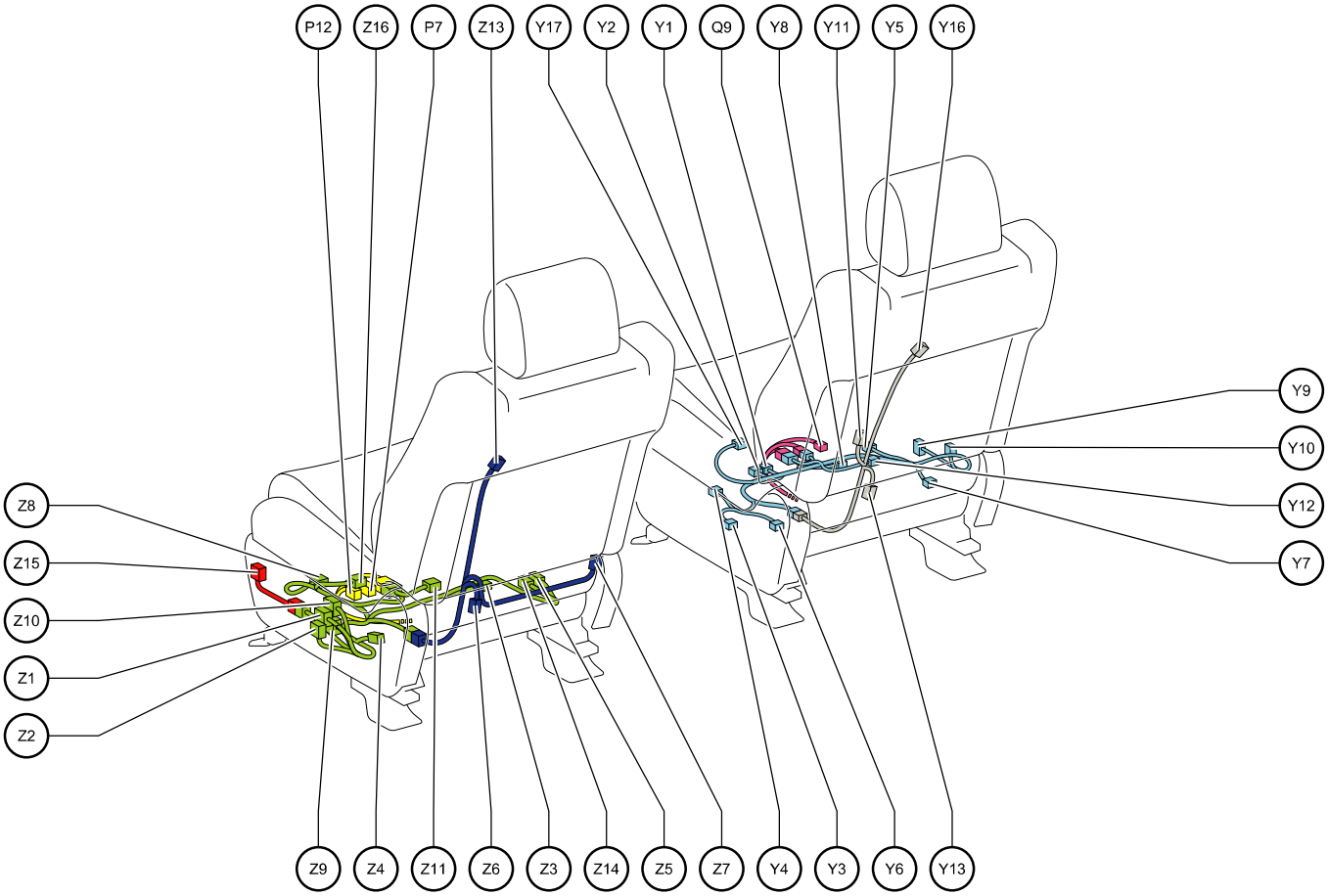


(Double Cab)



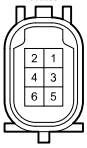
(Regular Cab)




P12
Z16
P7
Z13
Y17
Y2
Y1
Q9
Y8
Y11
Y5
Y16
Y9
Y10
Y12
Y7
Z8
Z15
Z10
Z1
Z2
Z9
Z4
Z11
Z6
Z3
Z14
Z5
Z7
Y4
Y3
Y6
Y13

P	7	Front Seat Inner Belt Switch LH
P	12	Front Side Airbag Squib Circuit LH
Q	9	Front Side Airbag Squib Circuit RH
Y	1	Occupant Detection ECU
Y	2	Occupant Detection ECU
Y	3	Front Seat Inner Belt Switch RH
Y	4	Front Occupant Classification Sensor LH
Y	5	Front Occupant Classification Sensor RH
Y	6	Rear Occupant Classification Sensor LH
Y	7	Rear Occupant Classification Sensor RH
Y	8	Front Seat Heater RH
Y	9	Front Power Seat Switch RH
Y	10	Front Power Seat Switch RH (Lumbar Support Control)
Y	11	Front Lumbar Support Motor RH
Y	12	Front Power Seat Position Motor RH (Slide Position)
Y	13	Front Power Seat Position Motor RH (Reclining Position)
Y	16	Seat Back Climate Control Blower RH
Y	17	Seat Cushion Climate Control Blower RH
Z	1	Front Power Seat Switch LH
Z	2	Front Power Seat Switch LH (Lumbar Support Control)
Z	3	Front Power Seat Position Motor LH (Slide Position)
Z	4	Front Power Seat Position Motor LH (Lift Position)
Z	5	Front Power Seat Position Motor LH (Vertical Position)
Z	6	Front Power Seat Position Motor LH (Reclining Position)
Z	7	Front Lumbar Support Motor LH
Z	8	Front Power Seat Cushion Control Motor LH
Z	9	Front Power Seat Control ECU and Switch LH
Z	10	Front Power Seat Control ECU and Switch LH
Z	11	Front Seat Heater LH
Z	13	Seat Back Climate Control Blower LH
Z	14	Front Power Seat Position Motor LH (Vertical Position)
Z	15	Front Power Seat Switch LH (Seat Cushion Control)
Z	16	Seat Cushion Climate Control Blower LH

P 7
White



P 12
Yellow



Q 9
Yellow



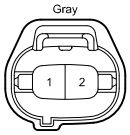
Y 1
Gray



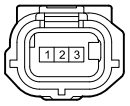
Y 2
Black



Y 3
Gray



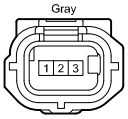
Y 4
Black



Y 5
Gray



Y 6
Gray



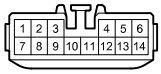
Y 7
Black



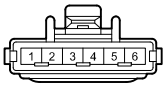
Y 8
White



Y 9
Black



Y 10
White



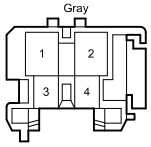
Y 11
Black



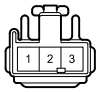
Y 12
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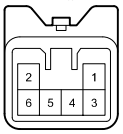
Y 13
Gray



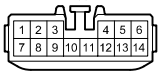
Y 16
White



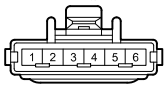
Y 17
White



Z 1
Black



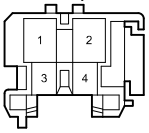
Z 2
White



Z 3
Black



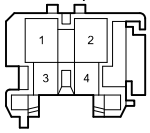
Z 4
Gray



Z 5
Black



Z 6
Gray



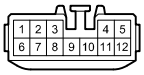
Z 7
Black



Z 8
White



Z 9
White



Z 10
Black



Z 11
White



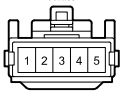
Z 13
White



Z 14
White

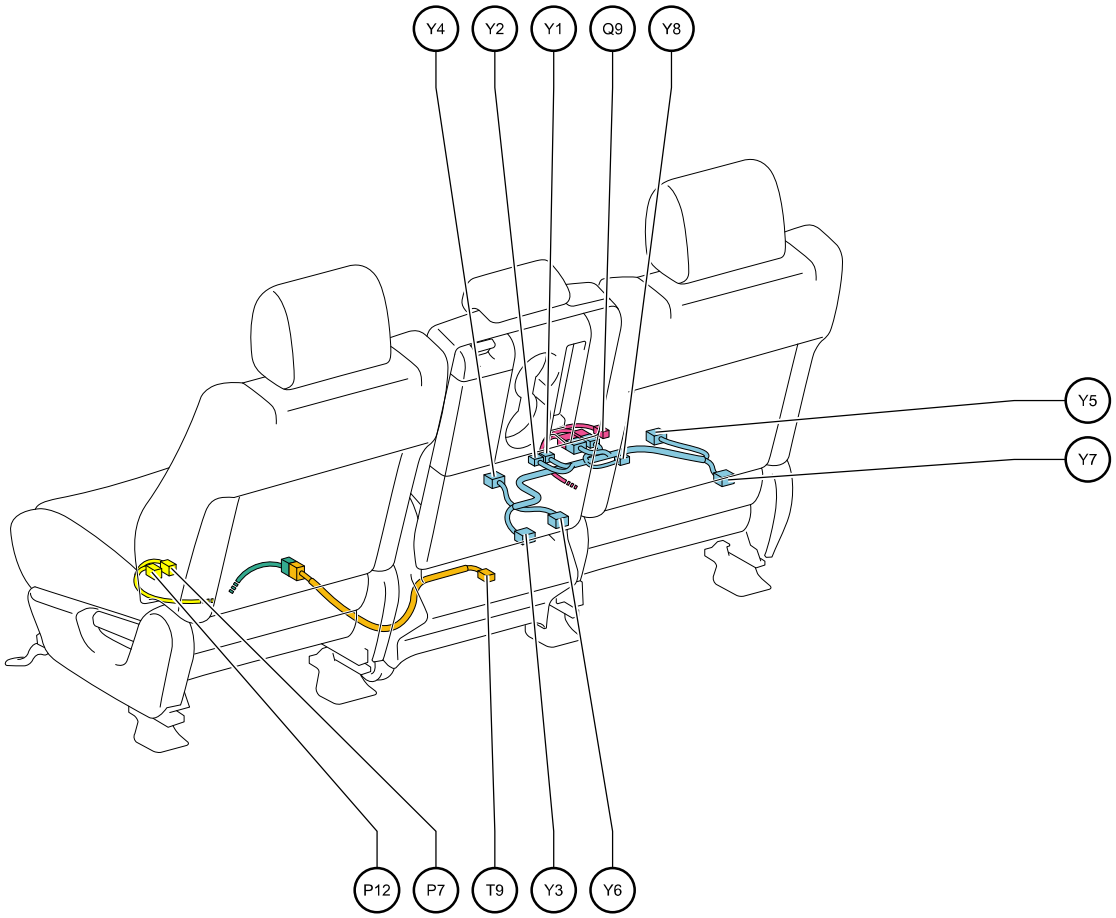


Z 15
White



Z 16
White




Y4
Y2
Y1
Q9
Y8
Y5
Y7
P12
P7
T9
Y3
Y6

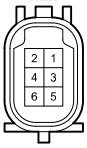
P 7 Front Seat Inner Belt Switch LH
P 12 Front Side Airbag Squib Circuit LH

Q 9 Front Side Airbag Squib Circuit RH

T 9 Rear No.1 Power Outlet Socket Assembly

Y 1 Occupant Detection ECU
Y 2 Occupant Detection ECU
Y 3 Front Seat Inner Belt Switch RH
Y 4 Front Occupant Classification Sensor LH
Y 5 Front Occupant Classification Sensor RH
Y 6 Rear Occupant Classification Sensor LH
Y 7 Rear Occupant Classification Sensor RH
Y 8 Front Seat Heater RH

P 7
White



P 12
Yellow



Q 9
Yellow



T 9
White



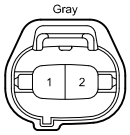
Y 1
Gray



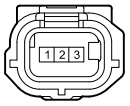
Y 2
Black



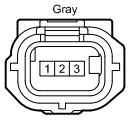
Y 3
Gray



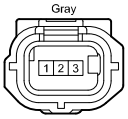
Y 4
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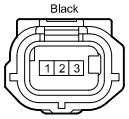
Y 5
Gray



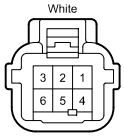
Y 6
Gray

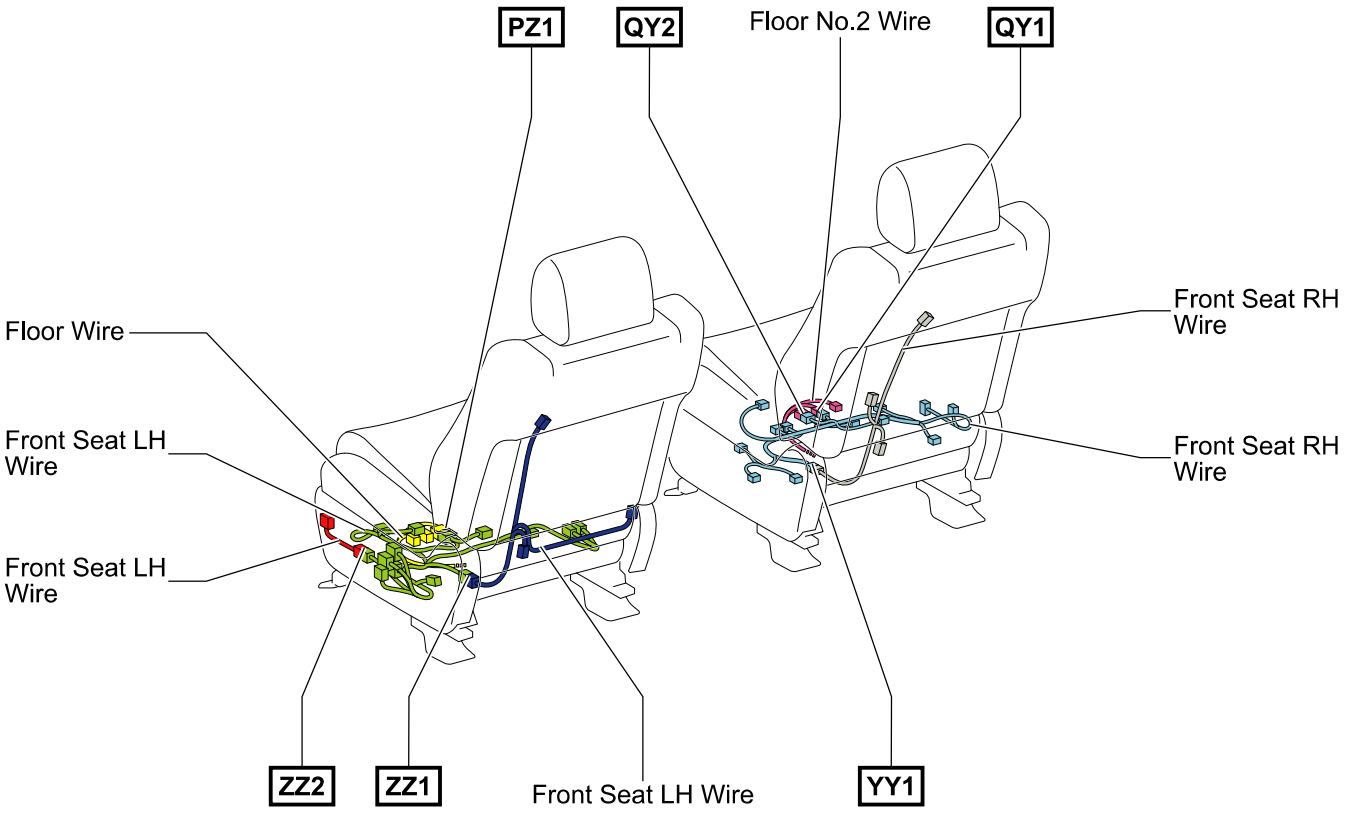


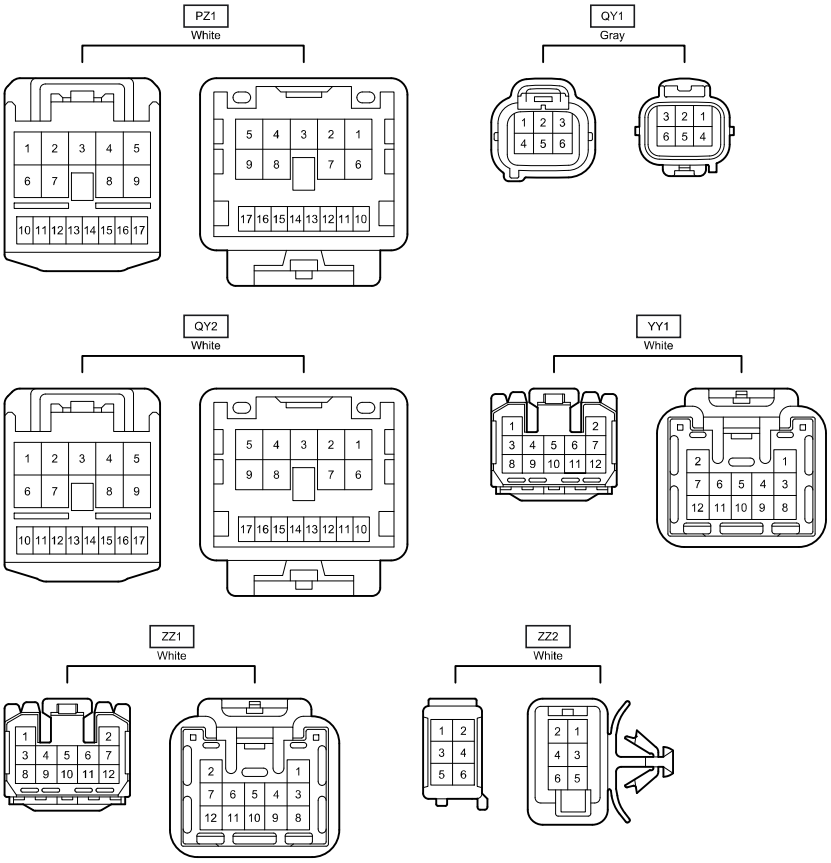
Y 7
Black

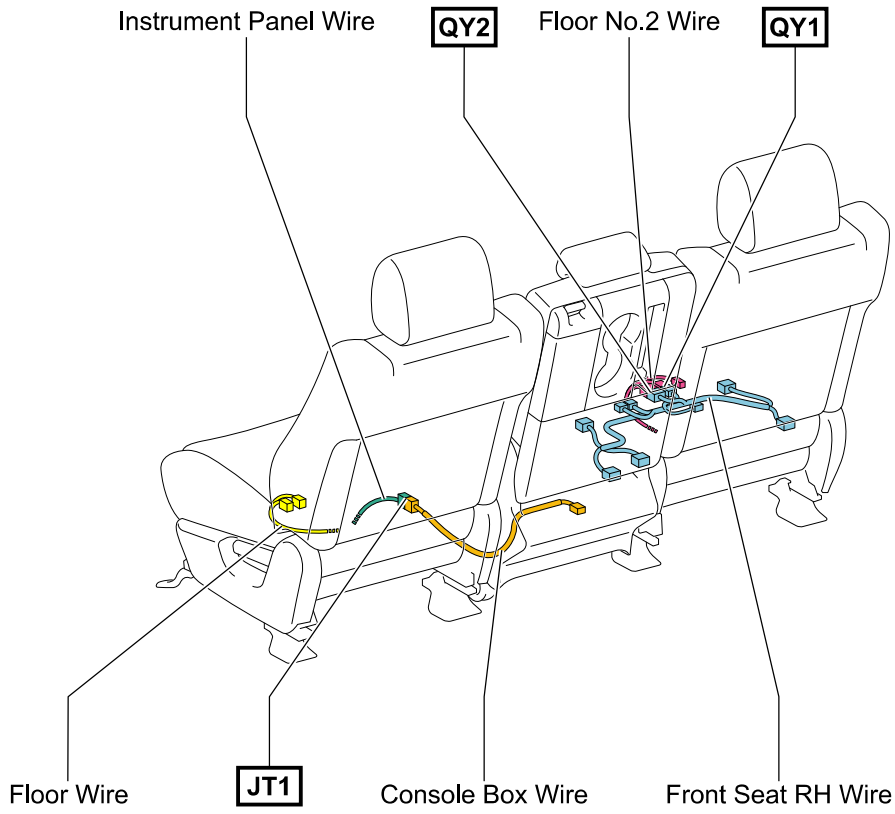


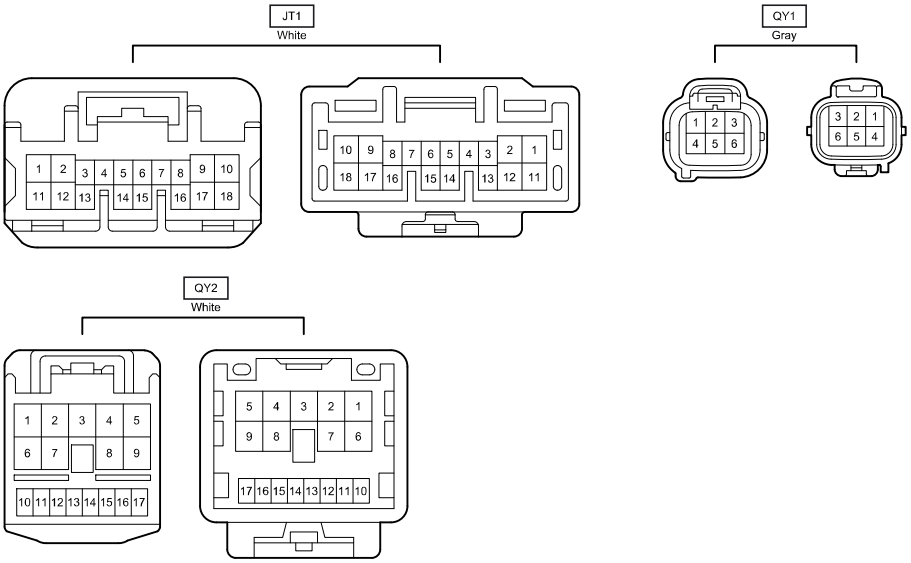
Y 8
White




PZ1
QY2
Floor No.2 Wire
QY1
Floor Wire
Front Seat LH Wire
Front Seat LH Wire
Front Seat RH Wire
Front Seat RH Wire
ZZ2
ZZ1
Front Seat LH Wire
YY1

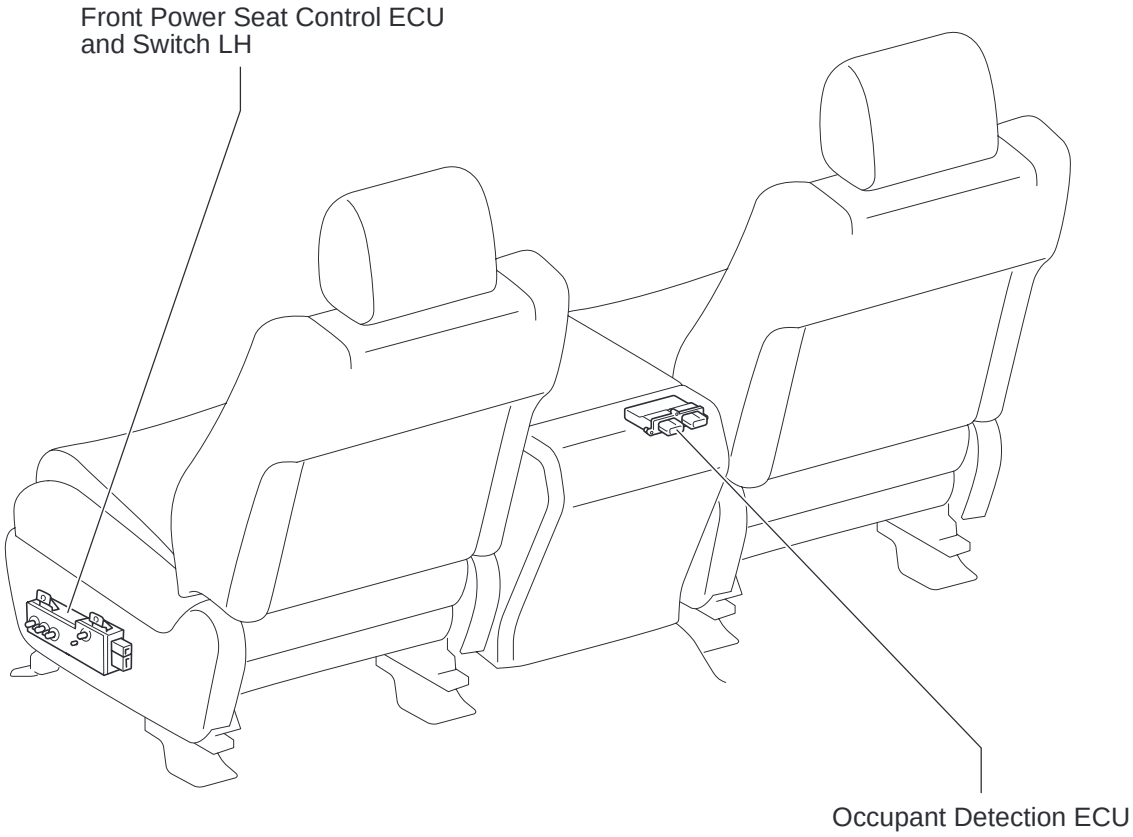

PZ1
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
QY1
Gray
1 2 3
4 5 6
3 2 1
6 5 4
QY2
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10
YY1
White
1 2
3 4 5 6 7
8 9 10 11 12
2 1
7 6 5 4 3
12 11 10 9 8
ZZ1
White
1 2
3 4 5 6 7
8 9 10 11 12
2 1
7 6 5 4 3
12 11 10 9 8
ZZ2
White
1 2
3 4
5 6
2 1
4 3
6 5


Instrument Panel Wire
QY2
Floor No.2 Wire
QY1
Floor Wire
JT1
Console Box Wire
Front Seat RH Wire

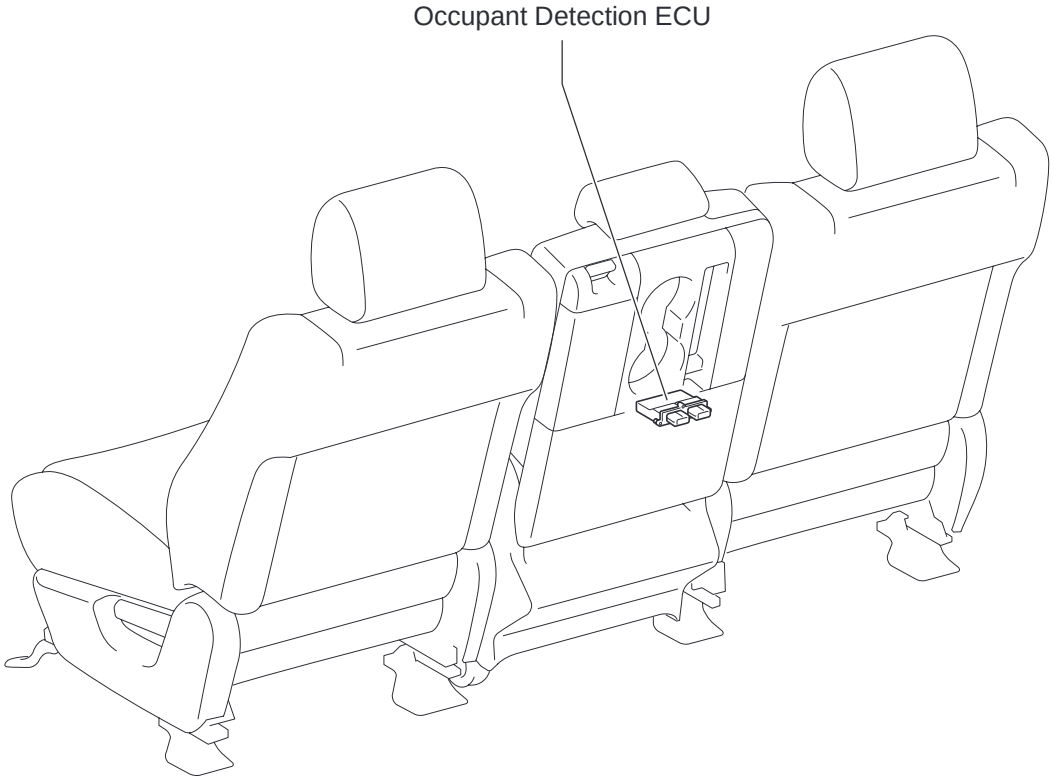

JT1
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
QY1
Gray
1 2 3
4 5 6
3 2 1
6 5 4
QY2
White
1 2 3 4 5
6 7 8 9
10 11 12 13 14 15 16 17
5 4 3 2 1
9 8 7 6
17 16 15 14 13 12 11 10

F RELAY LOCATIONS

[Seat]
(Separate Seat)

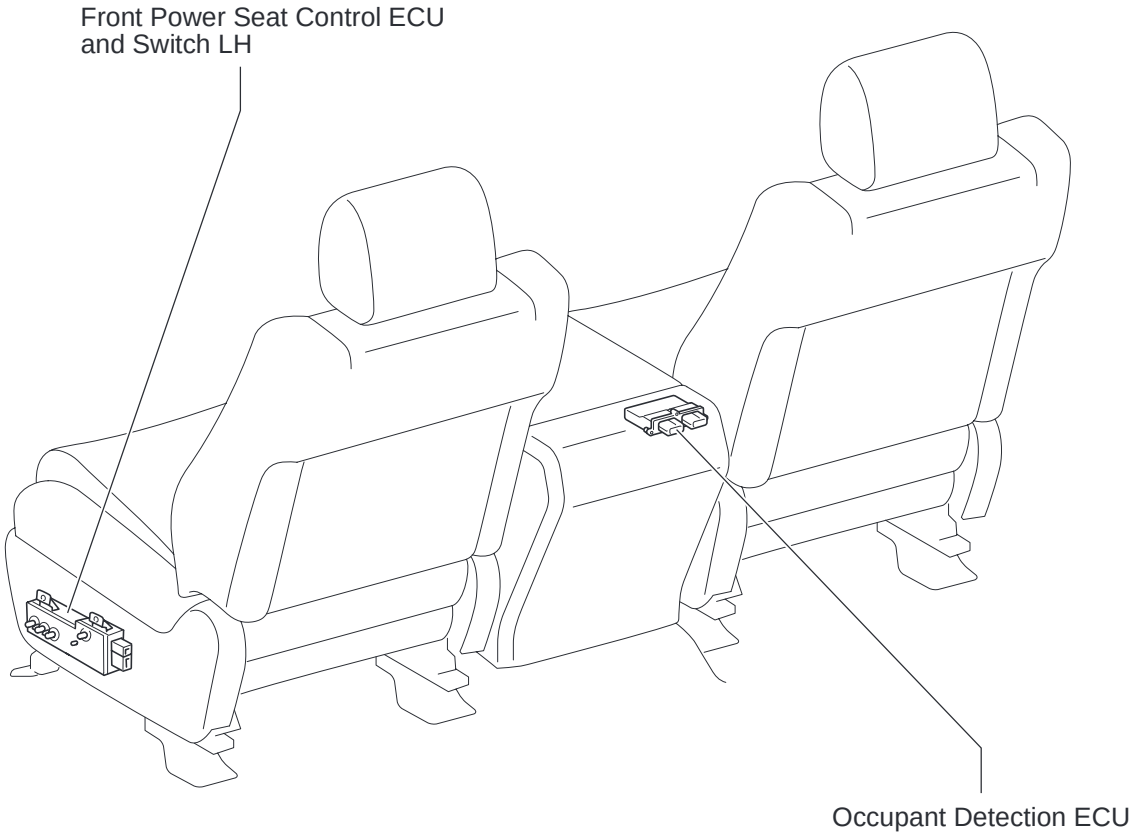


(Bench Seat)

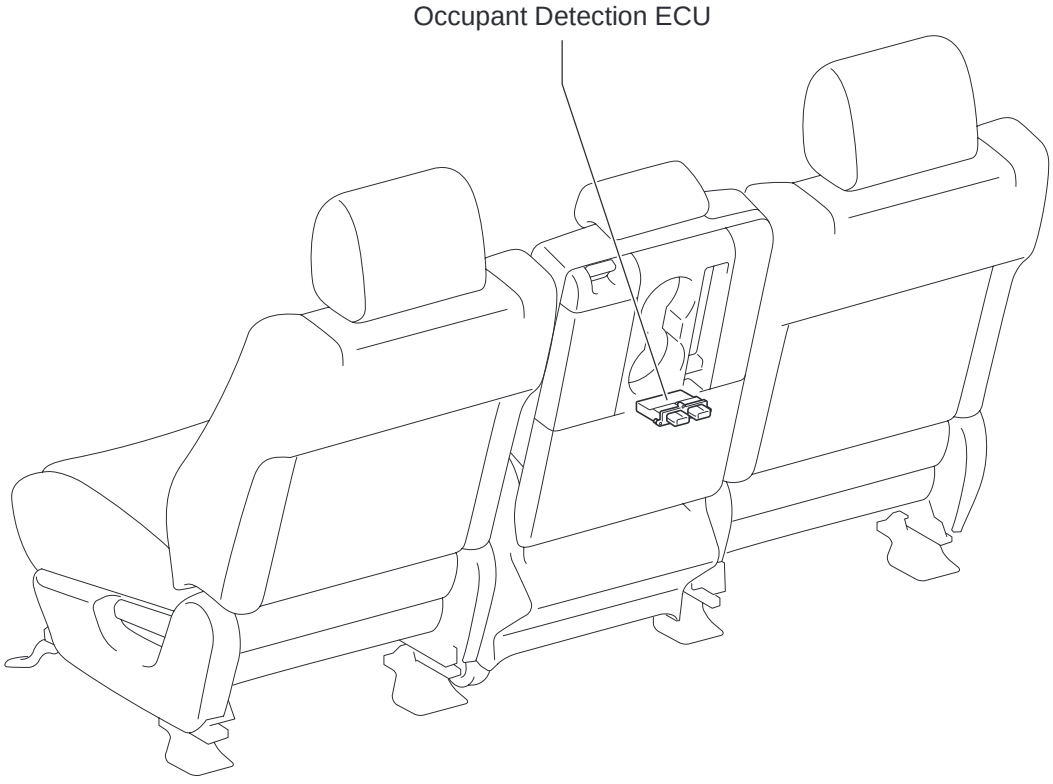


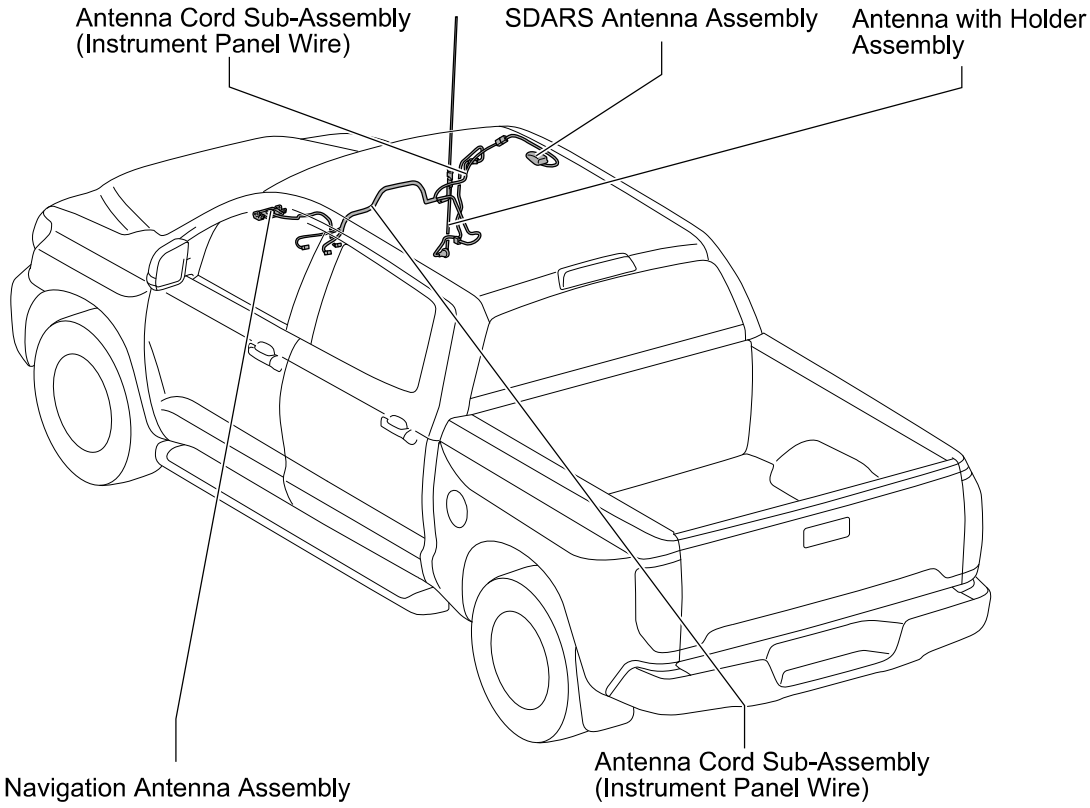
F RELAY LOCATIONS

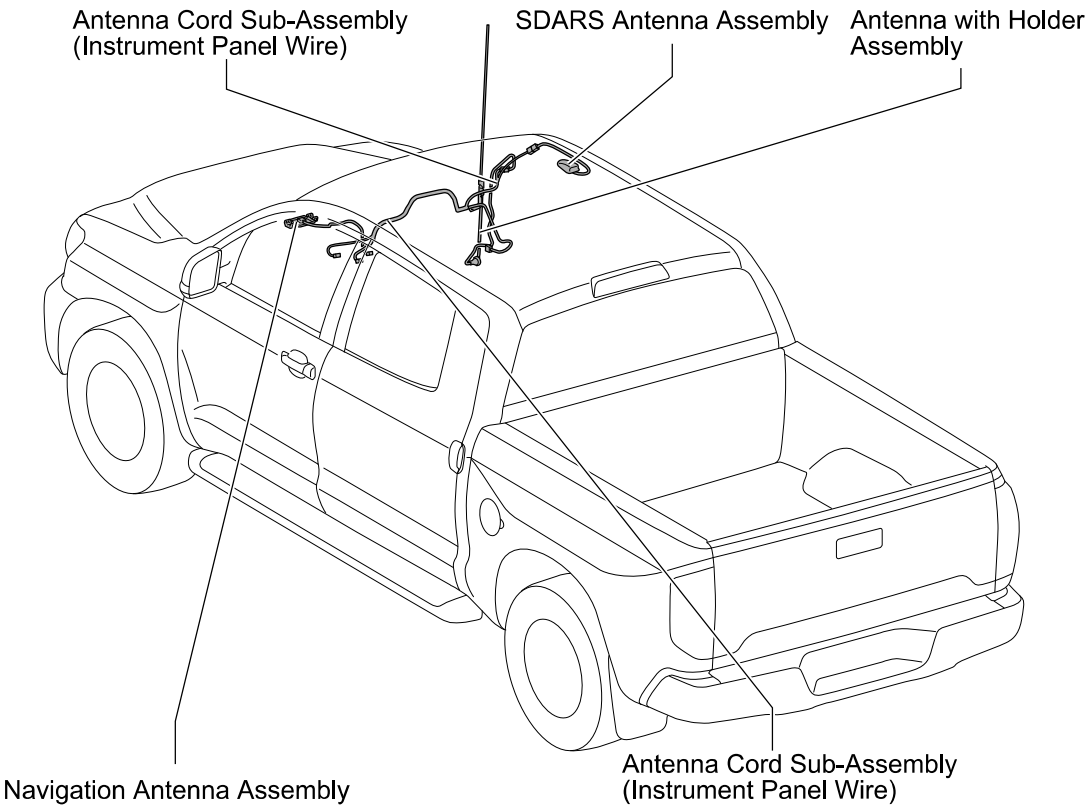
[Seat]
(Separate Seat)

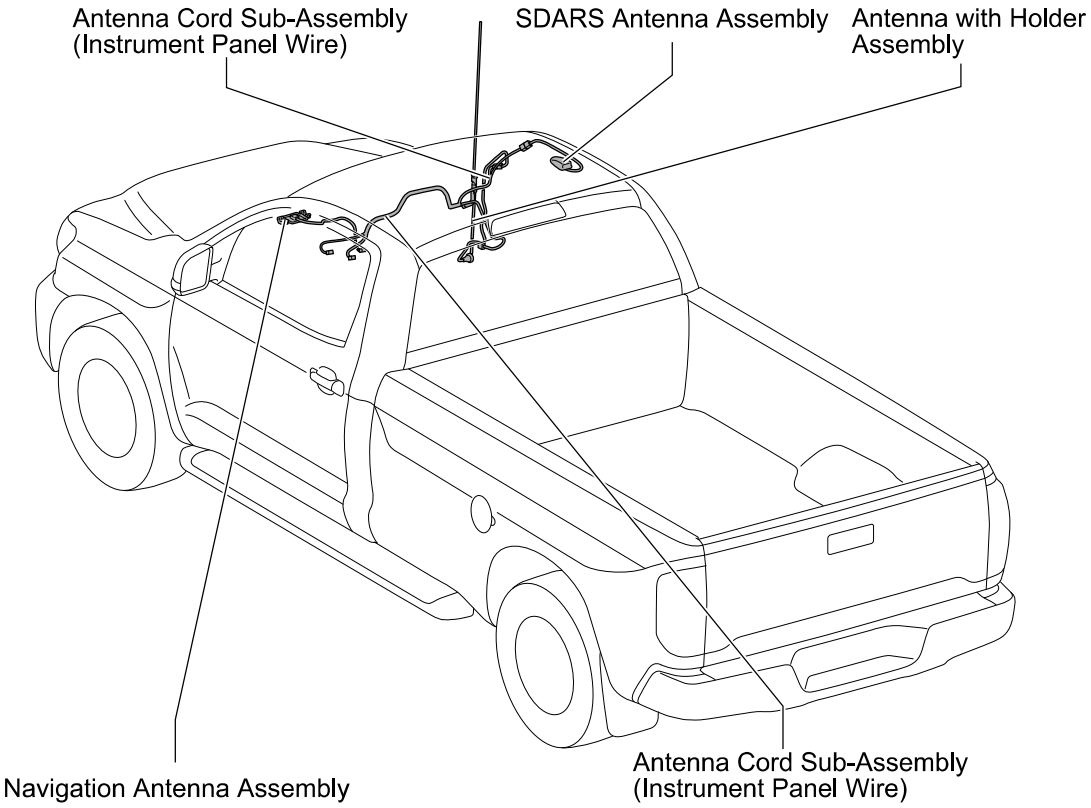


(Bench Seat)




Antenna Cord Sub-Assembly
(Instrument Panel Wire)
SDARS Antenna Assembly
Antenna with Holder
Assembly
Navigation Antenna Assembly
Antenna Cord Sub-Assembly
(Instrument Panel Wire)


Antenna Cord Sub-Assembly
(Instrument Panel Wire)
SDARS Antenna Assembly
Antenna with Holder
Assembly
Navigation Antenna Assembly
Antenna Cord Sub-Assembly
(Instrument Panel Wire)


Antenna Cord Sub-Assembly
(Instrument Panel Wire)
SDARS Antenna Assembly
Antenna with Holder
Assembly
Navigation Antenna Assembly
Antenna Cord Sub-Assembly
(Instrument Panel Wire)

Print Exit

Engine Room R/B and Engine Room J/B

Fuse		System
5A	ALT-S	Charging
5A	DEF I/UP	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Rear Window Defogger
5A	MET-B	ABS A-TRAC Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Auto LSD Blind Spot Monitor System Combination Meter Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Headlight Illumination Interior Light Key Reminder Light Reminder Multi Mode 4WD Navigation System (Built-in Type Amplifier) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Intuitive Parking Assist) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type) Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Remote Control Mirror (w/ Seat Position Memory) Seat Belt Warning Sliding Roof SRS Taillight Theft Deterrent Tire Pressure Warning System TRAC Trailer Brake Control System Trailer Towing VSC
7.5A	AM2	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE)

		Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Starting
7.5A	DOME	Interior Light Theft Deterrent Wireless Door Lock Control
7.5A	ECU-B1	ABS Air Conditioning A-TRAC Auto LSD Automatic Light Control Cargo Light Combination Meter Door Lock Control Front Fog Light Garage Door Opener Headlight Headlight Beam Level Control Illumination Interior Light Key Reminder Light Auto Turn Off System Light Reminder Multiplex Communication System (CAN) Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Power Window Remote Control Mirror (w/ Seat Position Memory) Sliding Roof SRS Starting Taillight Theft Deterrent TRAC VSC Wireless Door Lock Control
7.5A	IMB	Engine Immobiliser System
7.5A	LED DRL	Headlight
7.5A	MET	ABS A-TRAC Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Auto LSD Blind Spot Monitor System Charging Combination Meter Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Headlight Illumination Interior Light Key Reminder Light Reminder Multi Mode 4WD

		Navigation System (Built-in Type Amplifier) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Intuitive Parking Assist) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type) Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Remote Control Mirror (w/ Seat Position Memory) Seat Belt Warning Sliding Roof SRS Taillight Tire Pressure Warning System TRAC Trailer Brake Control System Trailer Towing VSC
10A	AI-HTR	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
10A	EFI NO.2	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
10A	ETCS	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
10A	HORN	Horn Theft Deterrent
10A	IGN	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Engine Immobiliser System Multiplex Communication System (CAN) SRS
10A	INJ	Air Conditioning Combination Meter Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE)

		Engine Control (3UR-FE, 3UR-FBE) Ignition (1UR-FE) Ignition (3UR-FE, 3UR-FBE)
15A	A/F	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
15A	FOG	Front Fog Light
15A	HEAD LH	Headlight
15A	HEAD LL	Headlight
15A	HEAD RH	Headlight
15A	HEAD RL	Headlight
15A	STOP	ABS A-TRAC Auto LSD Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Shift Lock (Column Shift) Shift Lock (Floor Shift) Stop Light TRAC Trailer Brake Control System Trailer Towing VSC
15A	TURN-HAZ	Headlight Turn Signal and Hazard Warning Light
20A	DEICER	Front Window Deicer
20A	RAD NO.1	Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Navigation System (Built-in Type Amplifier) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)
25A	EFI NO.1	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
25A	F/PMP	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE)

		Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
25A	POWER NO.4	Power Window
30A	4WD	Multi Mode 4WD
30A	AMP	Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)
30A	POWER NO.2	Power Window
30A	ST	Starting
30A	TOW TAIL	Trailer Brake Control System Trailer Towing
30A	TOWING	Trailer Brake Control System Trailer Towing
40A	ABS2	ABS A-TRAC Auto LSD TRAC VSC
40A	DEFOG	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Rear Window Defogger
40A	MAIN	Automatic Light Control Headlight Light Auto Turn Off System Theft Deterrent
40A	SUB BATT	Trailer Brake Control System Trailer Towing
40A	TOW BRK	Trailer Brake Control System Trailer Towing
50A	A/PUMP NO.1	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)
50A	A/PUMP NO.2	Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE)

50A	ABS1	ABS A-TRAC Auto LSD TRAC VSC
50A	HTR	Air Conditioning
150A	LH-J/B	Automatic Light Control Front Fog Light Headlight Headlight Beam Level Control Illumination Light Auto Turn Off System Taillight Theft Deterrent Trailer Brake Control System Trailer Towing
180A	ALT	Charging

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Print Exit

Driver Side J/B

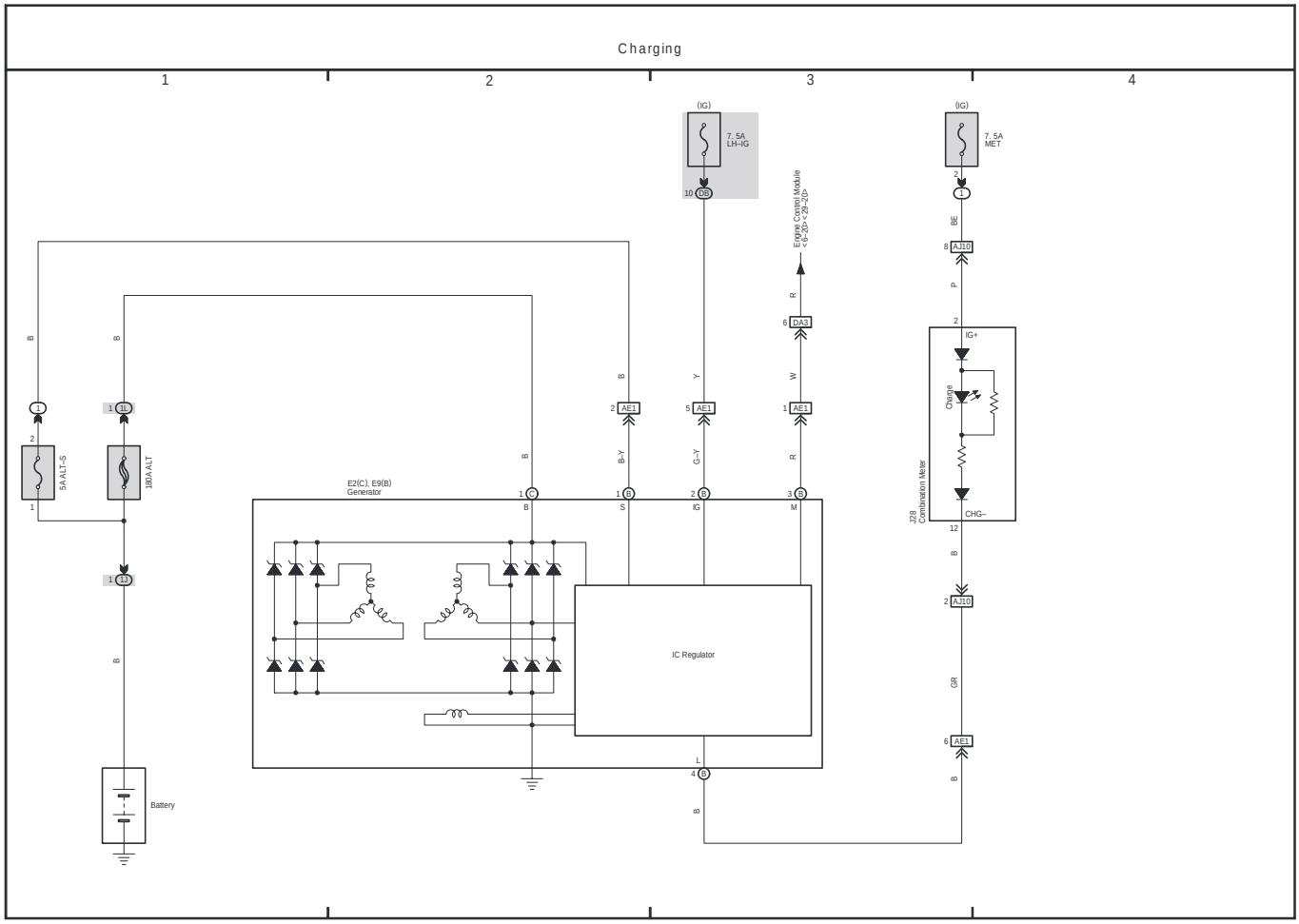
Fuse		System
7.5A	A/C	Air Conditioning
7.5A	ACC	Air Conditioning Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Automatic Light Control Back-Up Light Blind Spot Monitor System Cargo Light Combination Meter Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Door Lock Control Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Front Fog Light Headlight Headlight Beam Level Control Illumination Interior Light Key Reminder Light Auto Turn Off System Light Reminder Multi Mode 4WD Navigation System (Built-in Type Amplifier) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Intuitive Parking Assist) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type) Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Power Window Remote Control Mirror (w/ Seat Position Memory) Remote Control Mirror (w/o Seat Position Memory) Sliding Roof Taillight Theft Deterrent Trailer Brake Control System Trailer Towing Wireless Door Lock Control
7.5A	AM1	Power Outlet Shift Lock (Column Shift) Shift Lock (Floor Shift) Starting
7.5A	CARGO LP	Cargo Light
7.5A	ECU-IG No.1	ABS A-TRAC Auto LSD Blind Spot Monitor System

		Multiplex Communication System (CAN) Parking Assist (Intuitive Parking Assist) Power Tilt and Power Telescopic Rear Window Defogger Shift Lock (Column Shift) Shift Lock (Floor Shift) Stop Light Theft Deterrent Tire Pressure Warning System TRAC Trailer Brake Control System Trailer Towing VSC
7.5A	ECU-IG No.2	Air Conditioning Automatic Glare-Resistant EC Mirror Automatic Light Control Cargo Light Combination Meter Compass Door Lock Control Front Fog Light Front Window Deicer Headlight Headlight Beam Level Control Illumination Interior Light Key Reminder Light Auto Turn Off System Light Reminder Mirror Heater Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Power Window Rear Window Defogger Remote Control Mirror (w/ Seat Position Memory) Sliding Roof Taillight Theft Deterrent Wireless Door Lock Control
7.5A	ECU-IG1 No.3	Multi Mode 4WD
7.5A	ECU-IG1 No.4	Air Conditioning
7.5A	LH-IG	Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Back-Up Light Blind Spot Monitor System Charging Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Door Lock Control Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Front Window Deicer Headlight Mirror Heater Multi Mode 4WD Navigation System (Built-in Type Amplifier)

		Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Intuitive Parking Assist) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type) Trailer Brake Control System Trailer Towing Turn Signal and Hazard Warning Light
7.5A	OBD	Data Link Connector 3
7.5A	PANEL	Illumination Taillight Trailer Brake Control System Trailer Towing
7.5A	TOW BK/UP	Trailer Brake Control System Trailer Towing
10A	A/C IG	Air Conditioning
10A	BK/UP LP	Audio System (Built-in Type Amplifier) Audio System (Separate Type Amplifier Except JBL Type) Audio System (Separate Type Amplifier JBL Type) Back-Up Light Blind Spot Monitor System Cruise Control (1UR-FE) Cruise Control (3UR-FE, 3UR-FBE) Door Lock Control Electronically Controlled Transmission and A/T Indicator (1UR-FE) Electronically Controlled Transmission and A/T Indicator (3UR-FE, 3UR-FBE) Engine Control (1UR-FE) Engine Control (3UR-FE, 3UR-FBE) Multi Mode 4WD Navigation System (Built-in Type Amplifier) Navigation System (Separate Type Amplifier Except JBL Type) Navigation System (Separate Type Amplifier JBL Type) Parking Assist (Intuitive Parking Assist) Parking Assist (Rear View Monitor Built-in Type Amplifier) Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type) Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type) Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Remote Control Mirror (w/ Seat Position Memory) Trailer Brake Control System Trailer Towing
15A	MIR	Interior Light Mirror Heater Remote Control Mirror (w/ Seat Position Memory)
15A	PWR OUTLET	Power Outlet
15A	TAIL	Front Fog Light Headlight Headlight Beam Level Control Illumination Taillight
15A	TI&TE	Power Tilt and Power Telescopic
20A	POWER No.3	Power Window

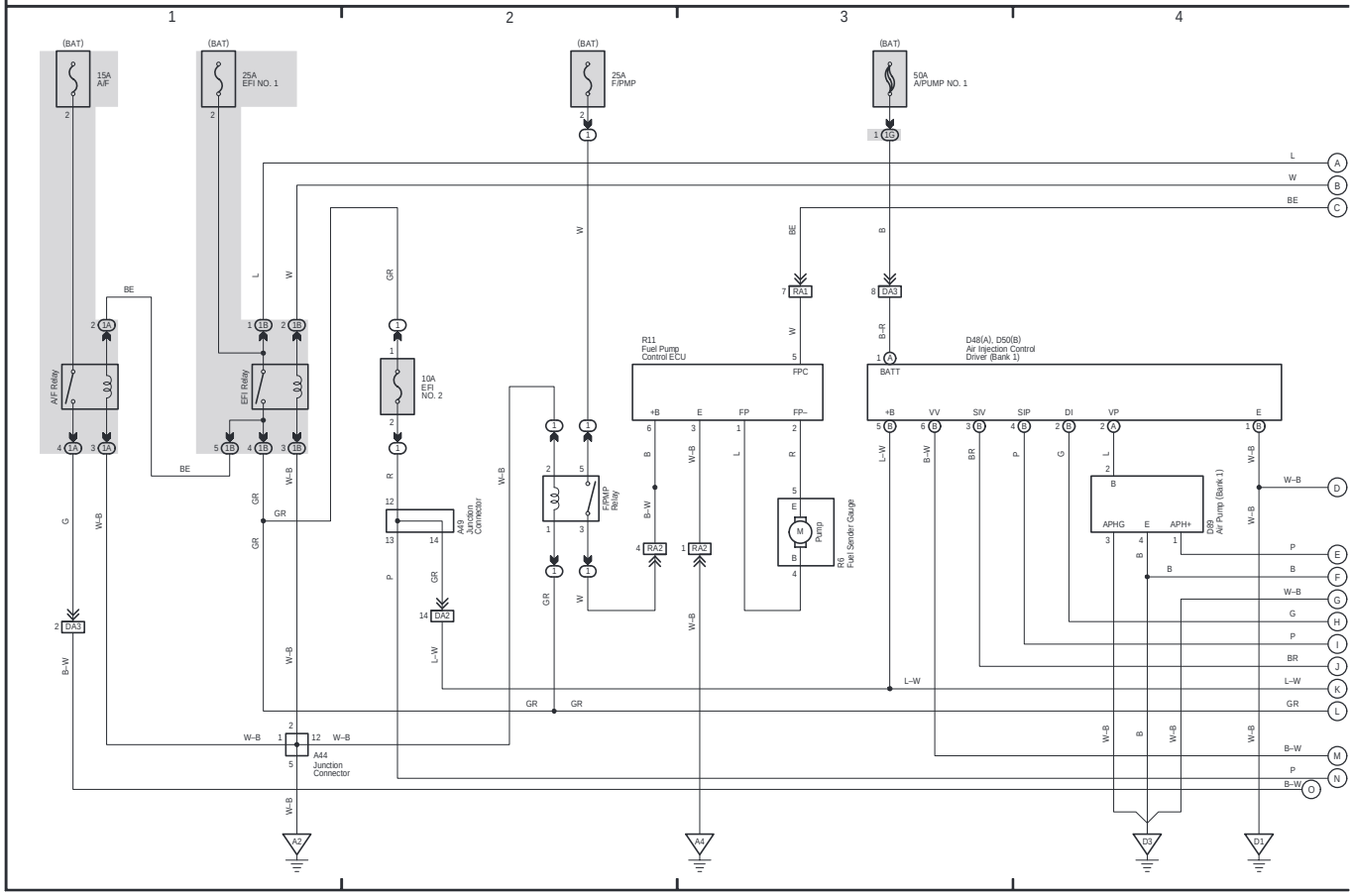
20A	SEAT-HTR	Climate Control Seat Seat Heater
20A	WSH	Front Wiper and Washer (w/ Intermittent Wiper) Front Wiper and Washer (w/o Intermittent Wiper)
25A	DR/LCK	Air Conditioning Automatic Light Control Cargo Light Combination Meter Door Lock Control Front Fog Light Headlight Headlight Beam Level Control Illumination Interior Light Key Reminder Light Auto Turn Off System Light Reminder Power Seat (Driver's Seat w/ Seat Position Memory) Power Tilt and Power Telescopic Power Window Remote Control Mirror (w/ Seat Position Memory) Sliding Roof Taillight Theft Deterrent Wireless Door Lock Control
25A	S/ROOF	Sliding Roof
30A	FR P/SEAT LH	Power Seat (Driver's Seat w/ Seat Position Memory) Power Seat (Driver's Seat w/o Seat Position Memory)
30A	FR P/SEAT RH	Power Seat (Front Passenger's Seat)
30A	POWER No.1	Power Window
30A	WIPER	Front Wiper and Washer (w/ Intermittent Wiper) Front Wiper and Washer (w/o Intermittent Wiper)

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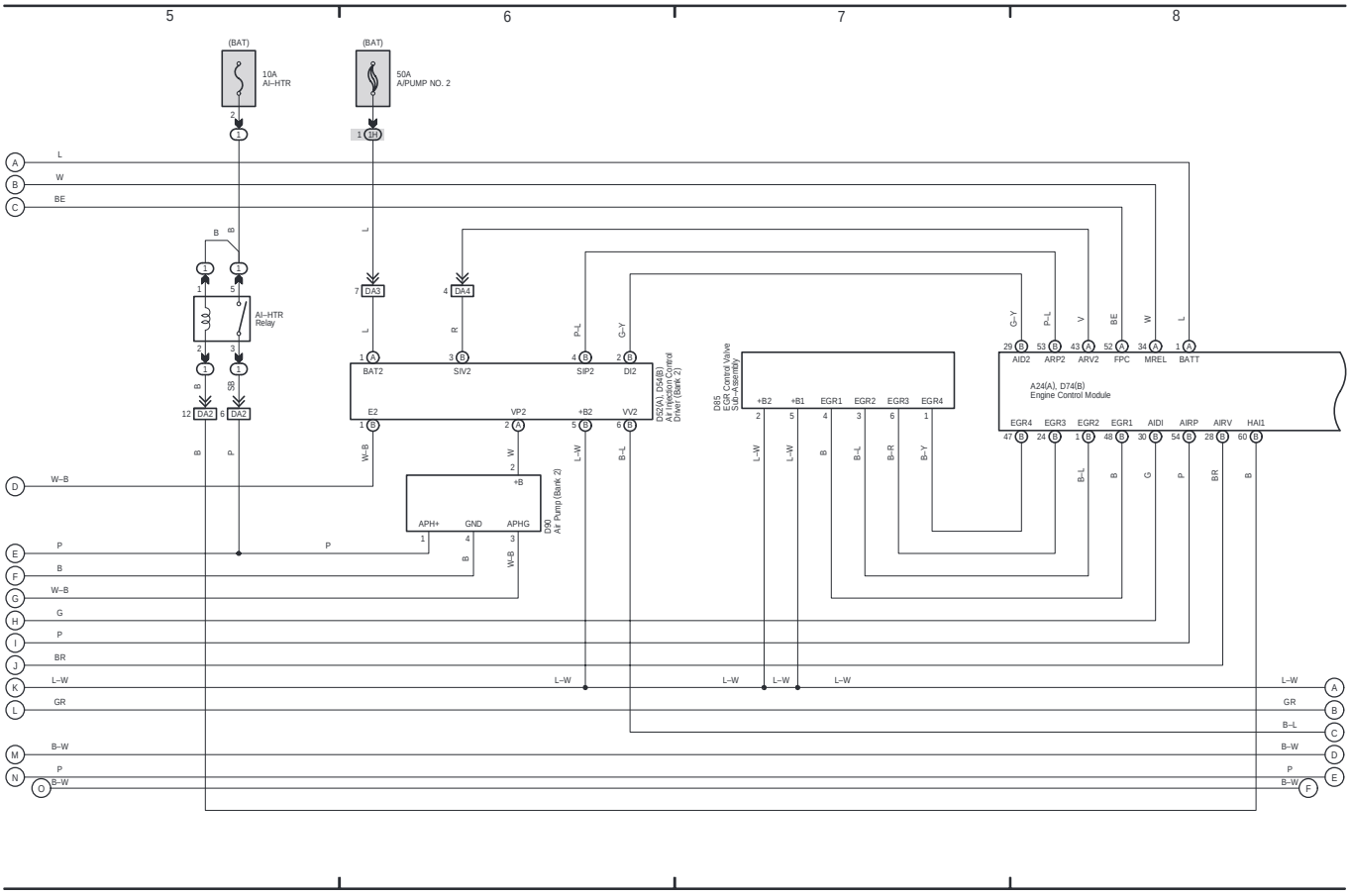

Charging
1
2
3
4
(IG)
7.5A
LH-IG
10 DB
(IG)
7.5A
MET
2
1
BE
8 AJ10
P
2
IG+
Charge
CHG-
12
B
2 AJ10
GR
6 AE1
B
Engine Control Module
<4-2D><4-2G><2D>
R
6 DA3
W
1 AE1
R
3 B
M
5 AE1
Y
2 AE1
B-Y
1 B
S
G-Y
2 B
IG
L
4 B
B
1 C
B
B
E2(C), E9(B)
Generator
IC Regulator
Battery
1 1L
1 1J
B
B
B
B
2
1
5A ALT-S
180A ALT
128
Combination Meter

(Cont. next page)

Engine Control (1UR–FE)

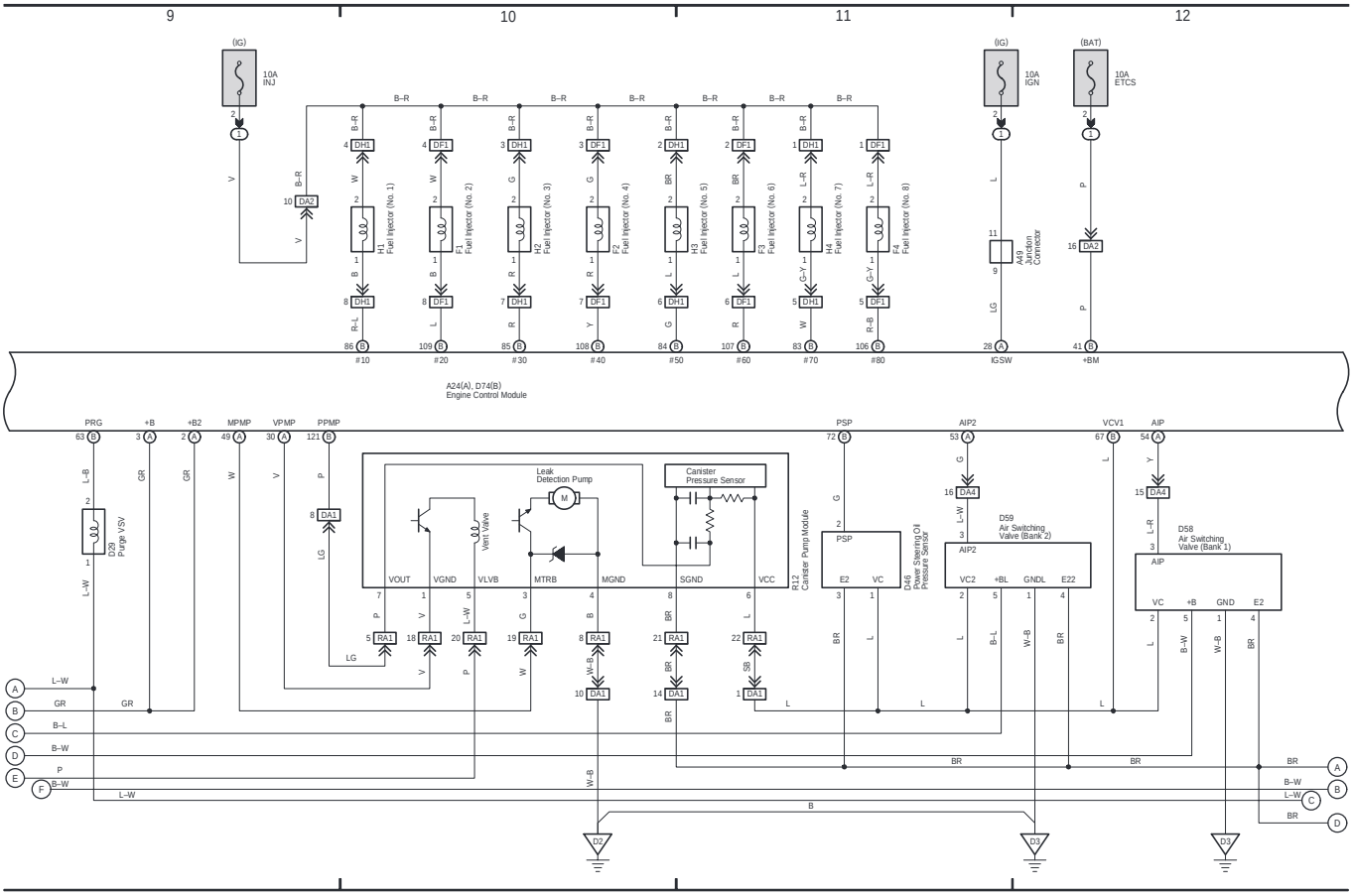


Engine Control (1UR–FE)



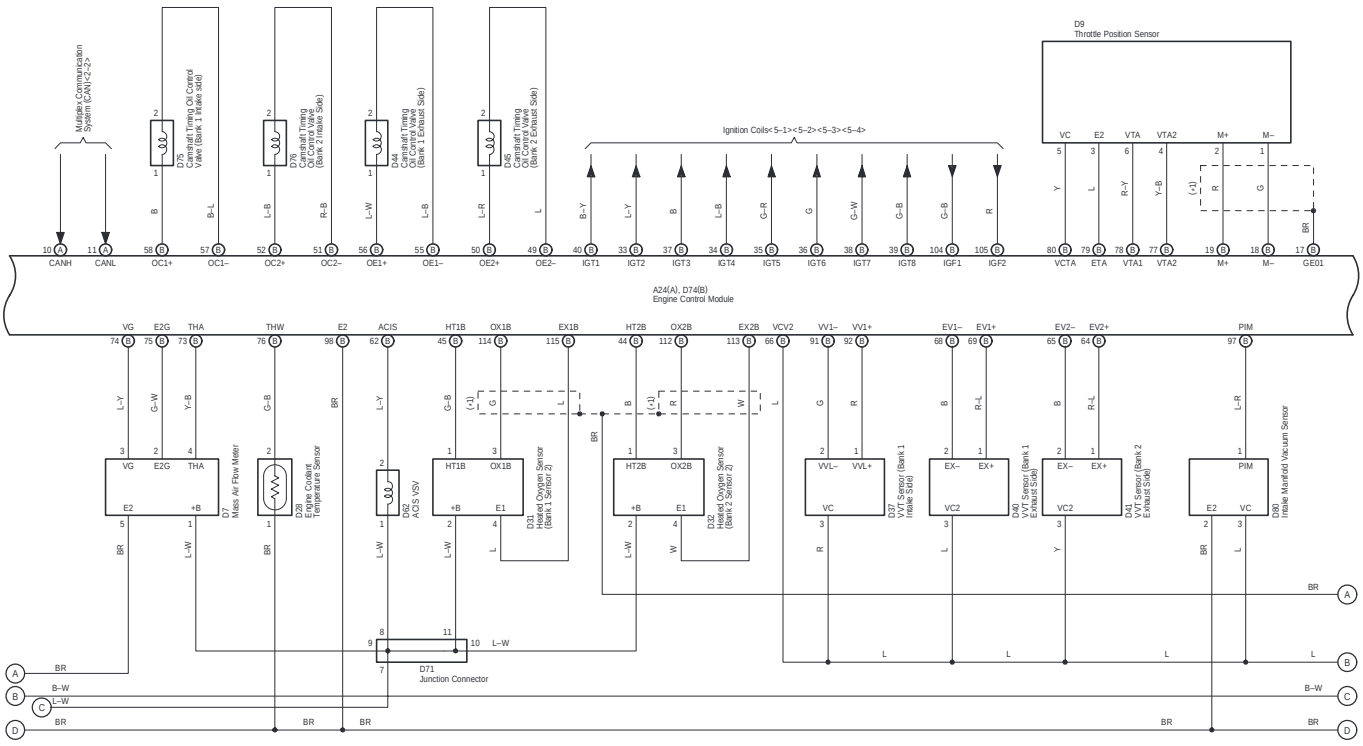
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Engine Control (1UR–FE)



Engine Control (1UR–FE)

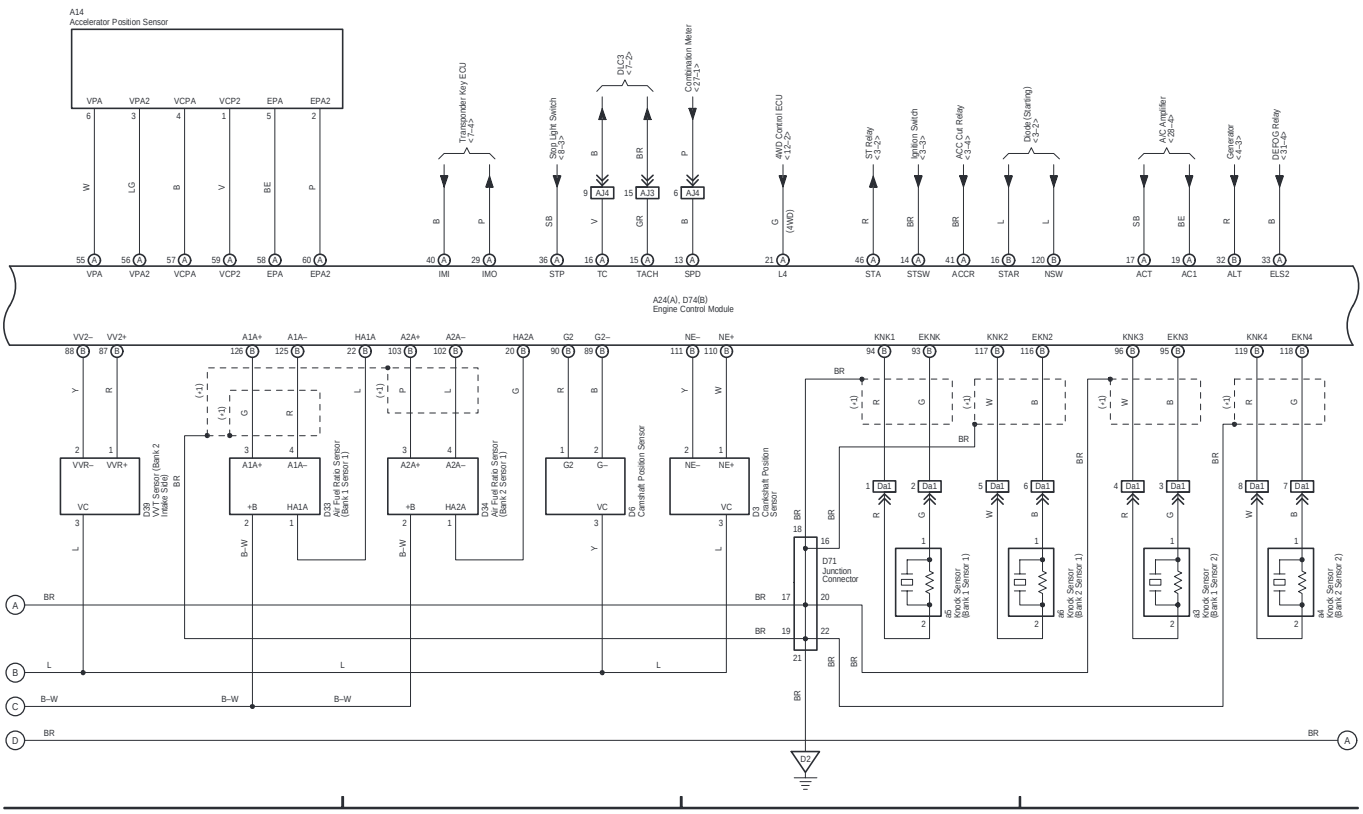
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Engine Control (1UR–FE)

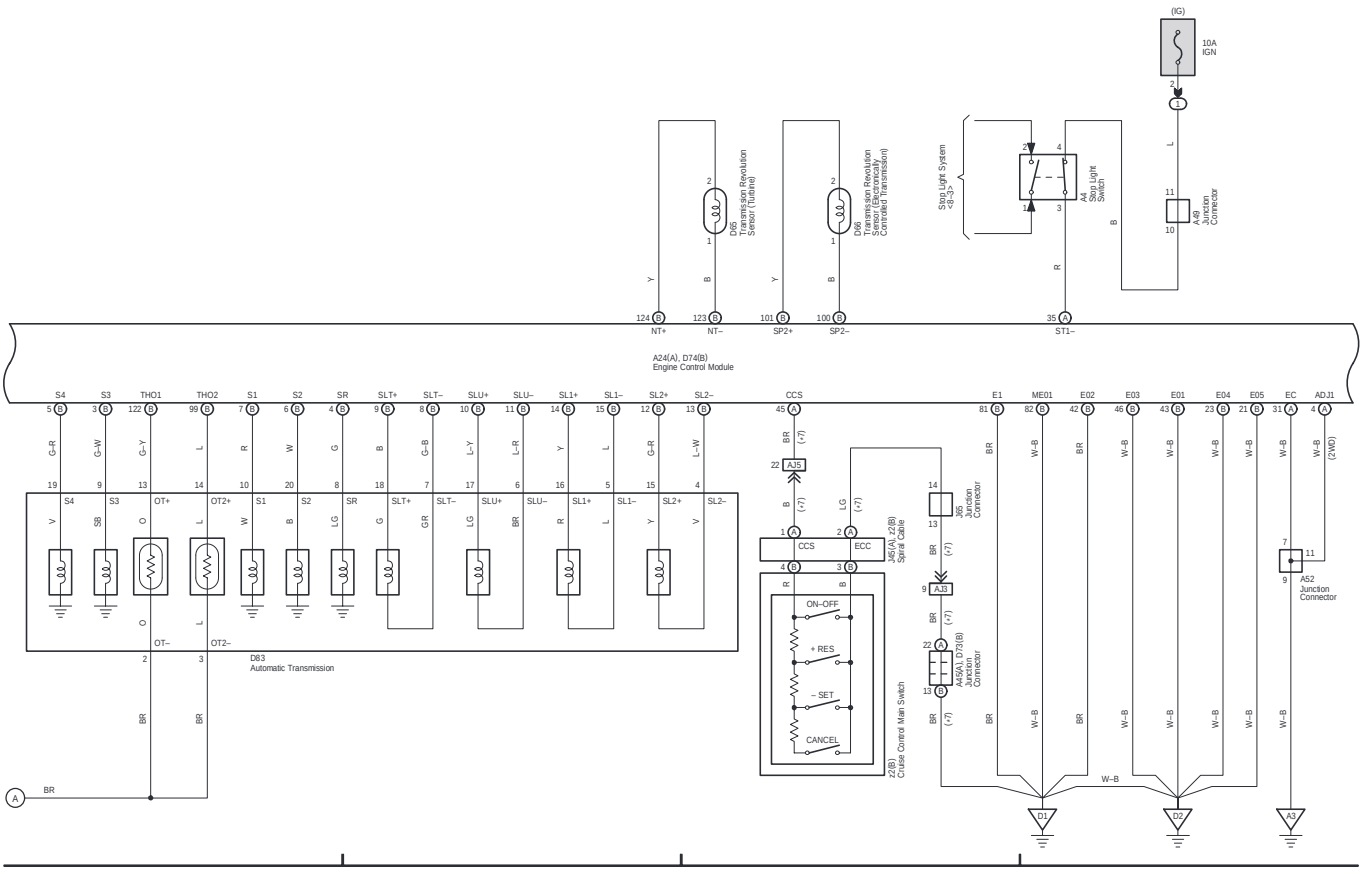
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Cruise Control (1UR–FE)

* 7 : w/ Cruise Control

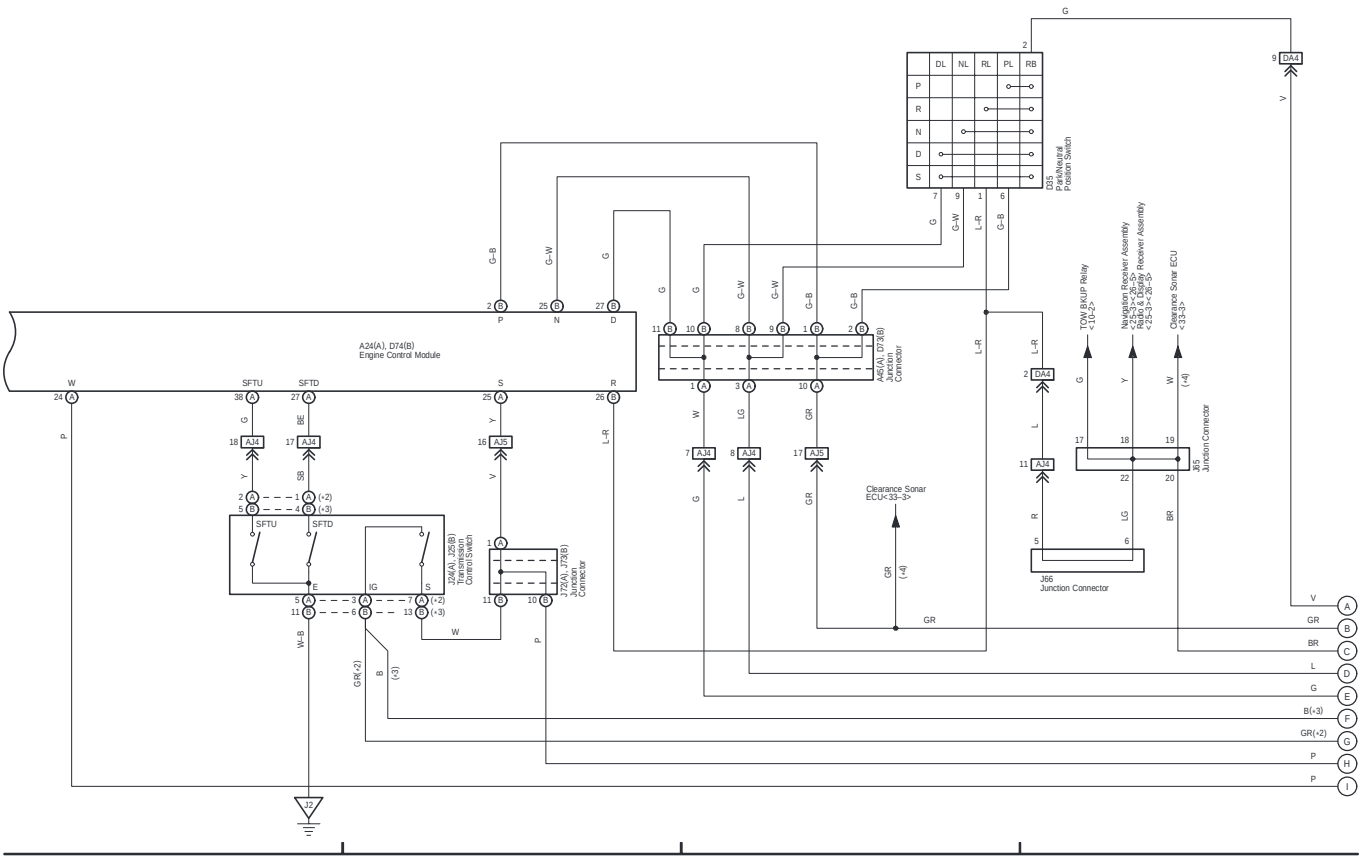


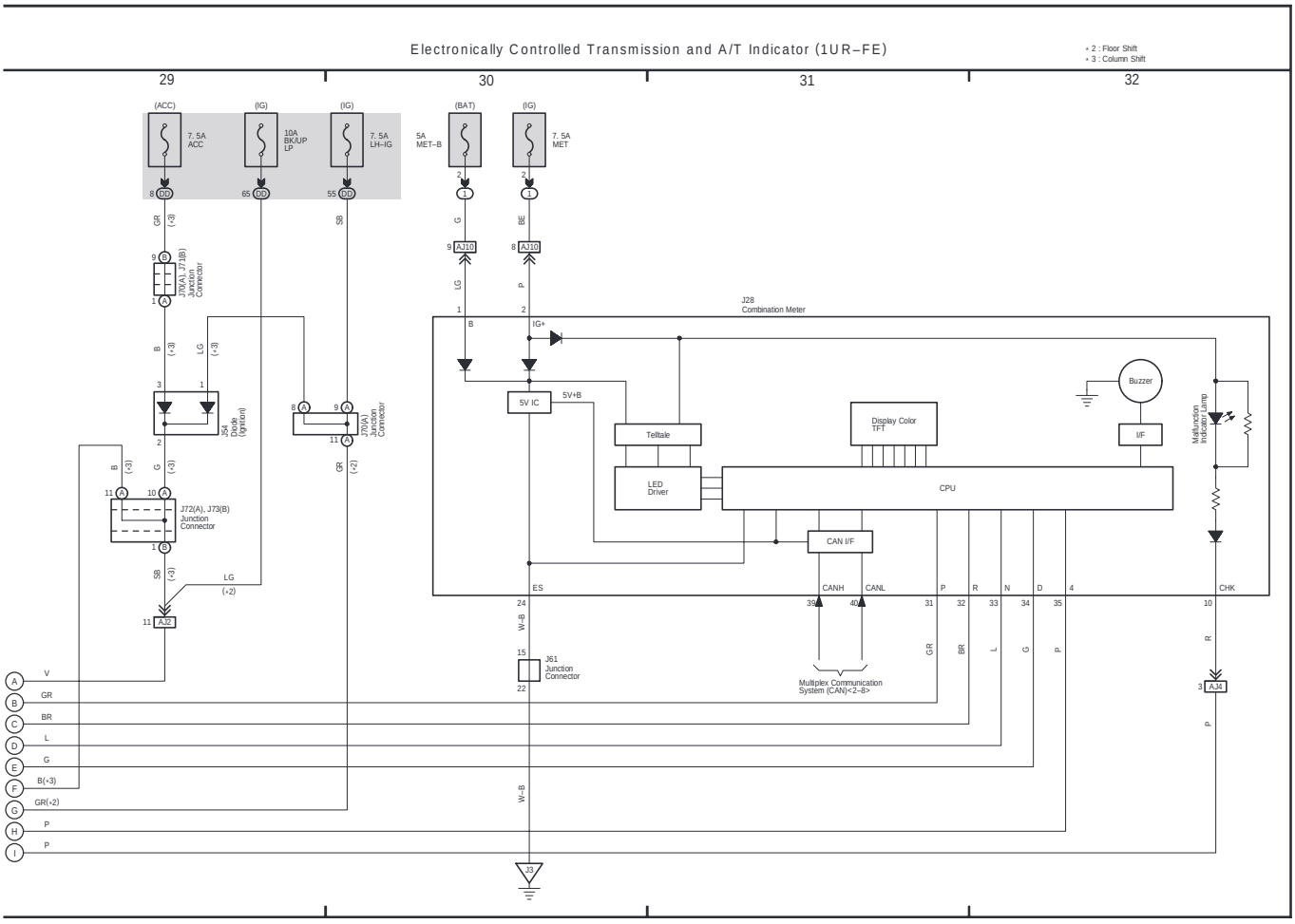
M

(Cont. next page)

Electronically Controlled Transmission and A/T Indicator (1UR–FE)

• 2 : Floor Shift
• 3 : Column Shift
• 4 : w/ Parking Assist (Intuitive Parking Assist)

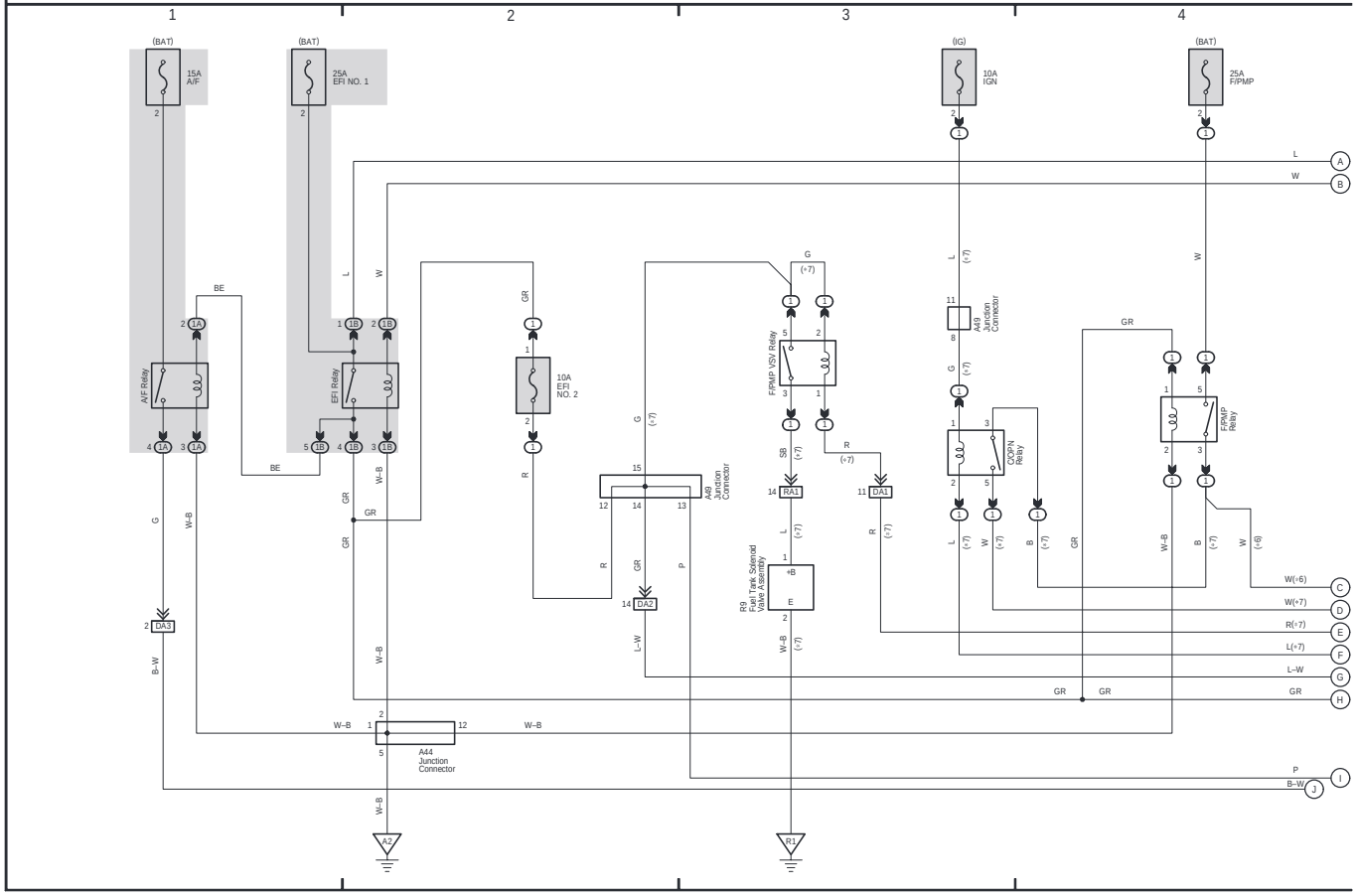



Electronically Controlled Transmission and A/T Indicator (1UR–FE)
* 2 : Floor Shift
* 3 : Column Shift
29
30
31
32
(ACC)
(IG)
(IG)
(BAT)
(IG)
7. 5A ACC
10A BK/UP LP
7. 5A LH–IG
5A MET–B
7. 5A MET
J70(A), J71(B) Junction Connector
J54 2D(B) (Ignition)
J70(A) Junction Connector
J72(A), J73(B) Junction Connector
J28 Combination Meter
IG+
5V IC
5V+B
Telltale
LED Driver
Display Color TFT
CPU
Buzzer
I/F
CAN I/F
Malfunction Indicator Lamp
ES
CANH
CANL
P
R
N
D
CHK
J61 Junction Connector
Multiplex Communication System (CAN)<2–8>
V
GR
BR
L
G
B(+3)
GR(+2)
P
P

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Engine Control (3UR–FE, 3UR–FBE)

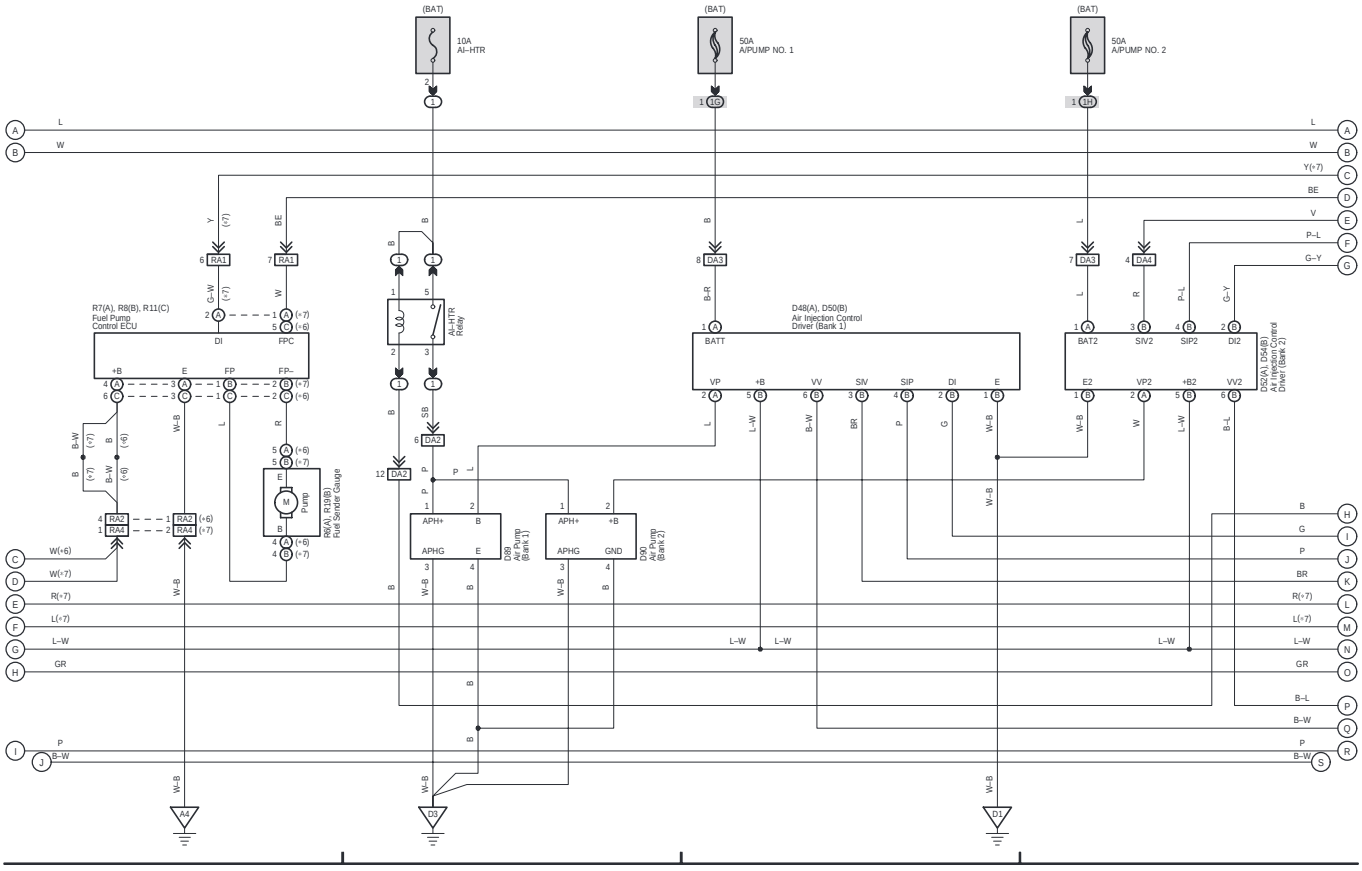
* 6 : 3UR–FE
* 7 : 3UR–FBE



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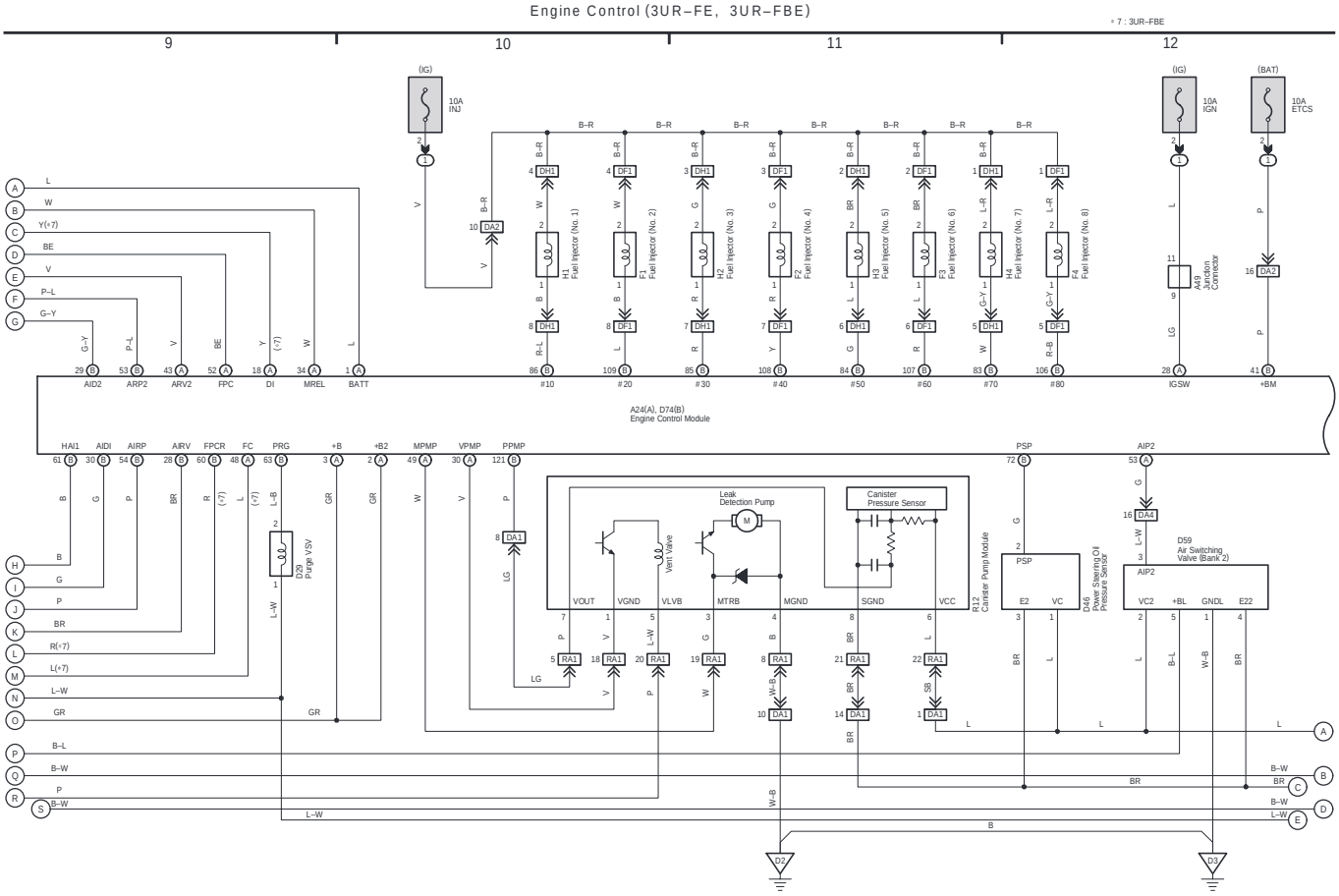
Engine Control (3UR–FE, 3UR–FBE)

* 6 : 3UR–FE
* 7 : 3UR–FBE



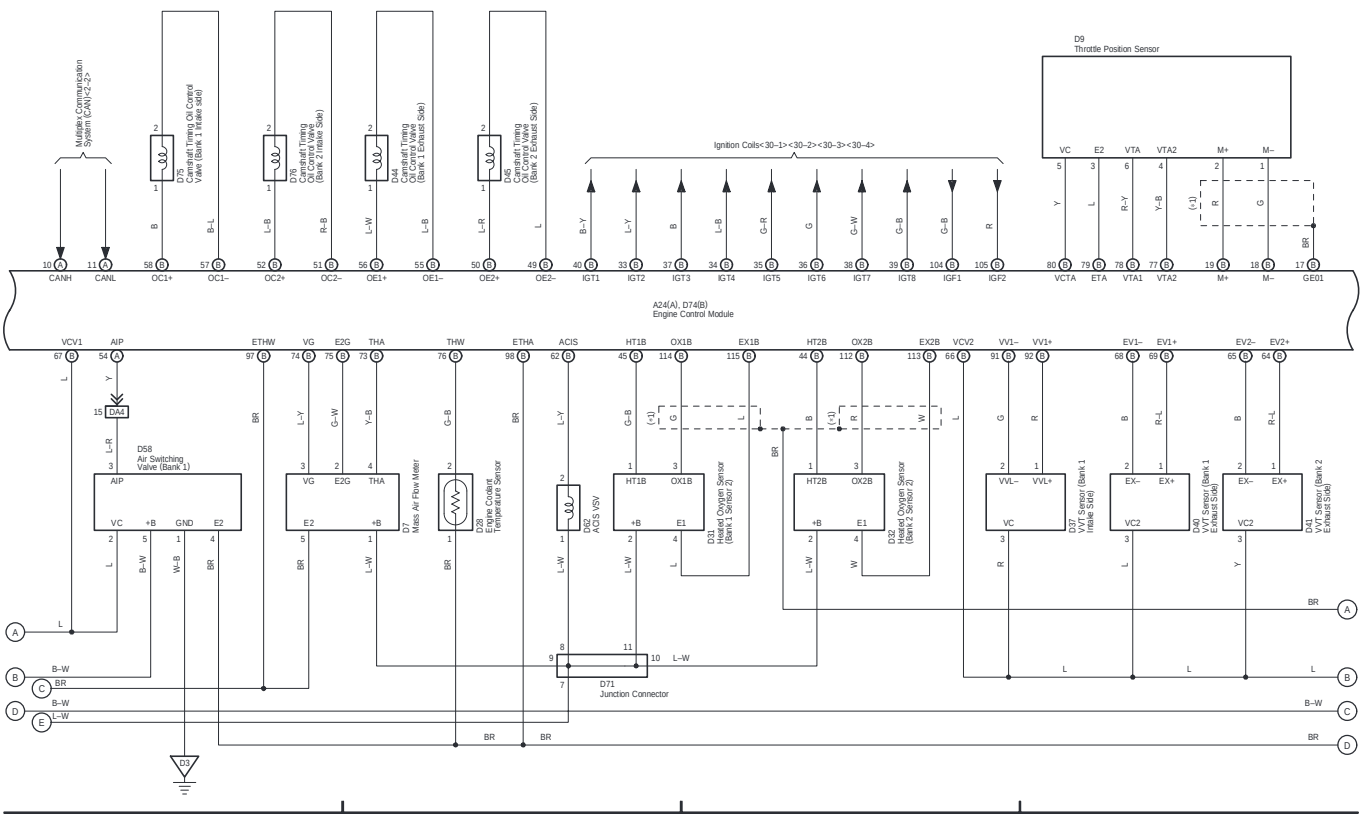
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Engine Control (3UR–FE, 3UR–FBE)

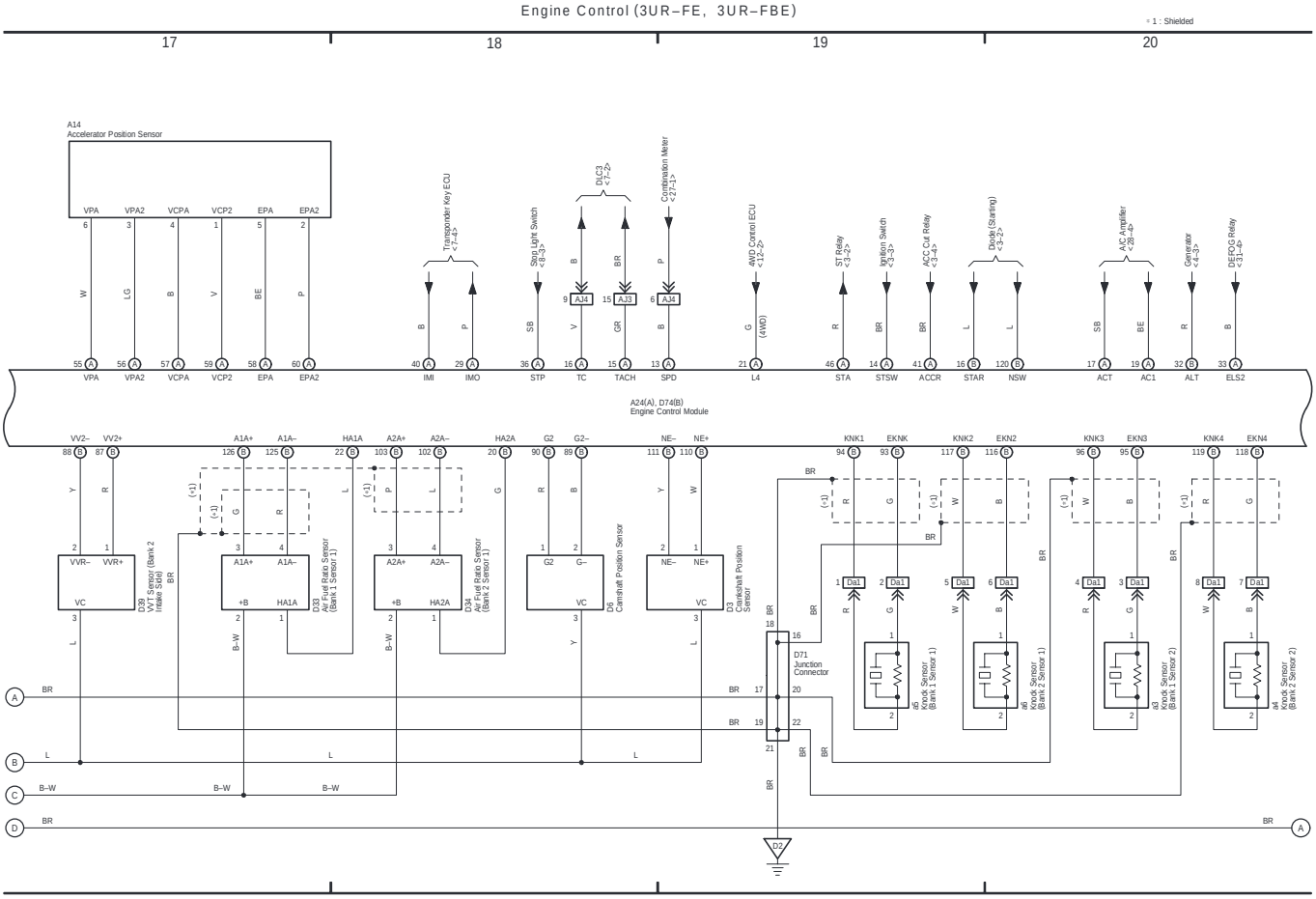


Engine Control (3UR–FE, 3UR–FBE)

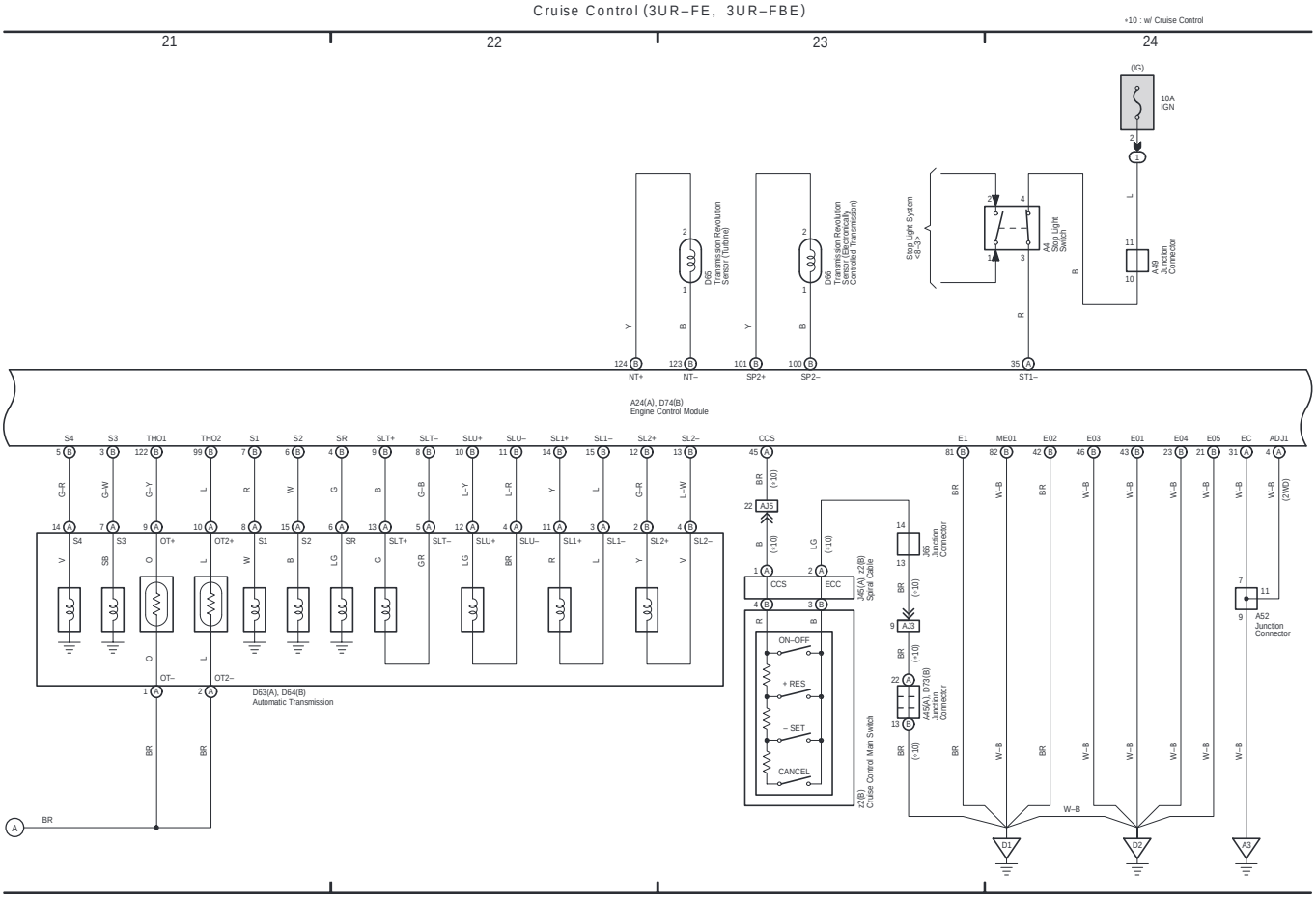
∗1 : Shielded



Engine Control (3UR–FE, 3UR–FBE)



Cruise Control (3UR–FE, 3UR–FBE)

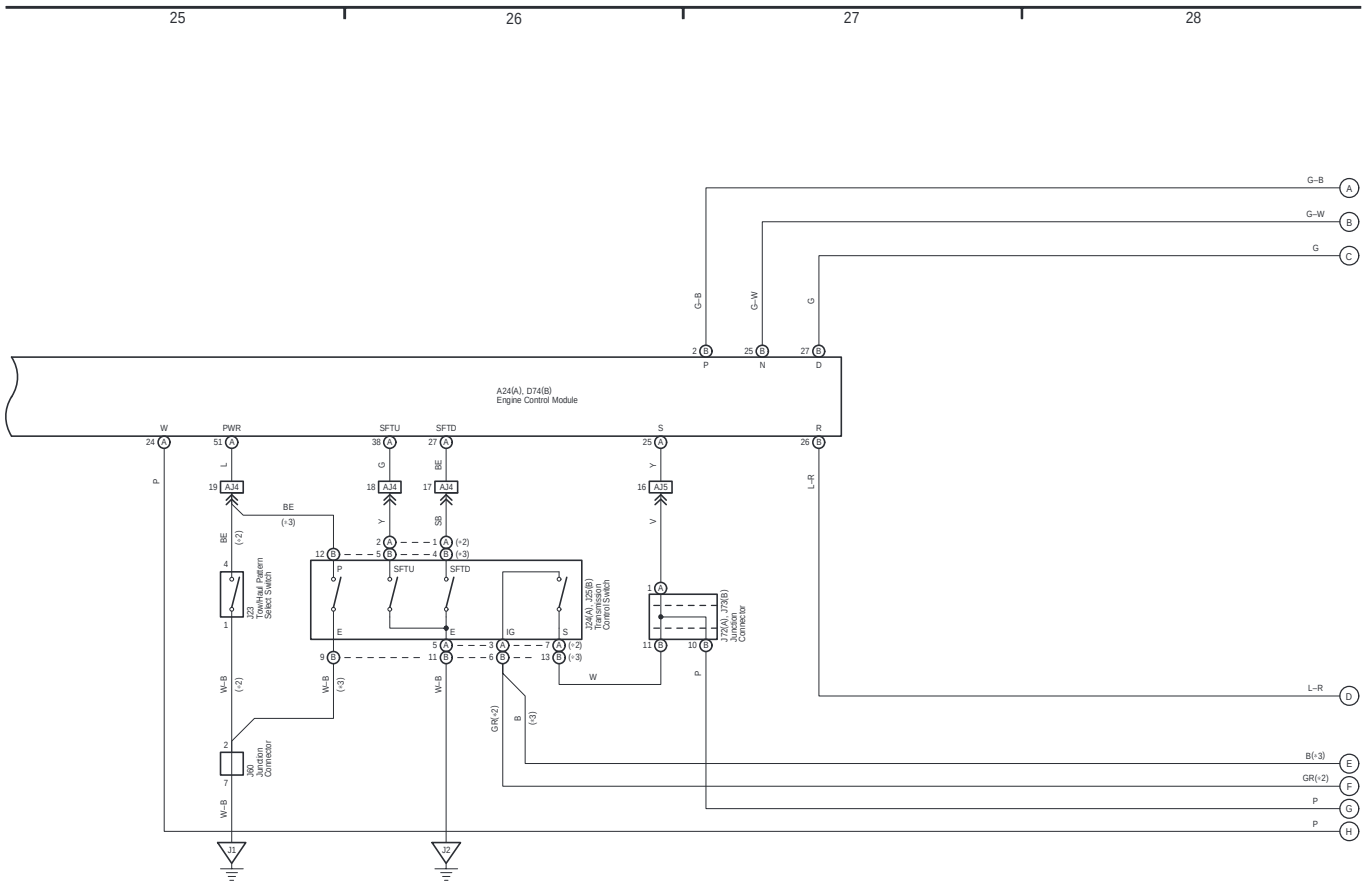


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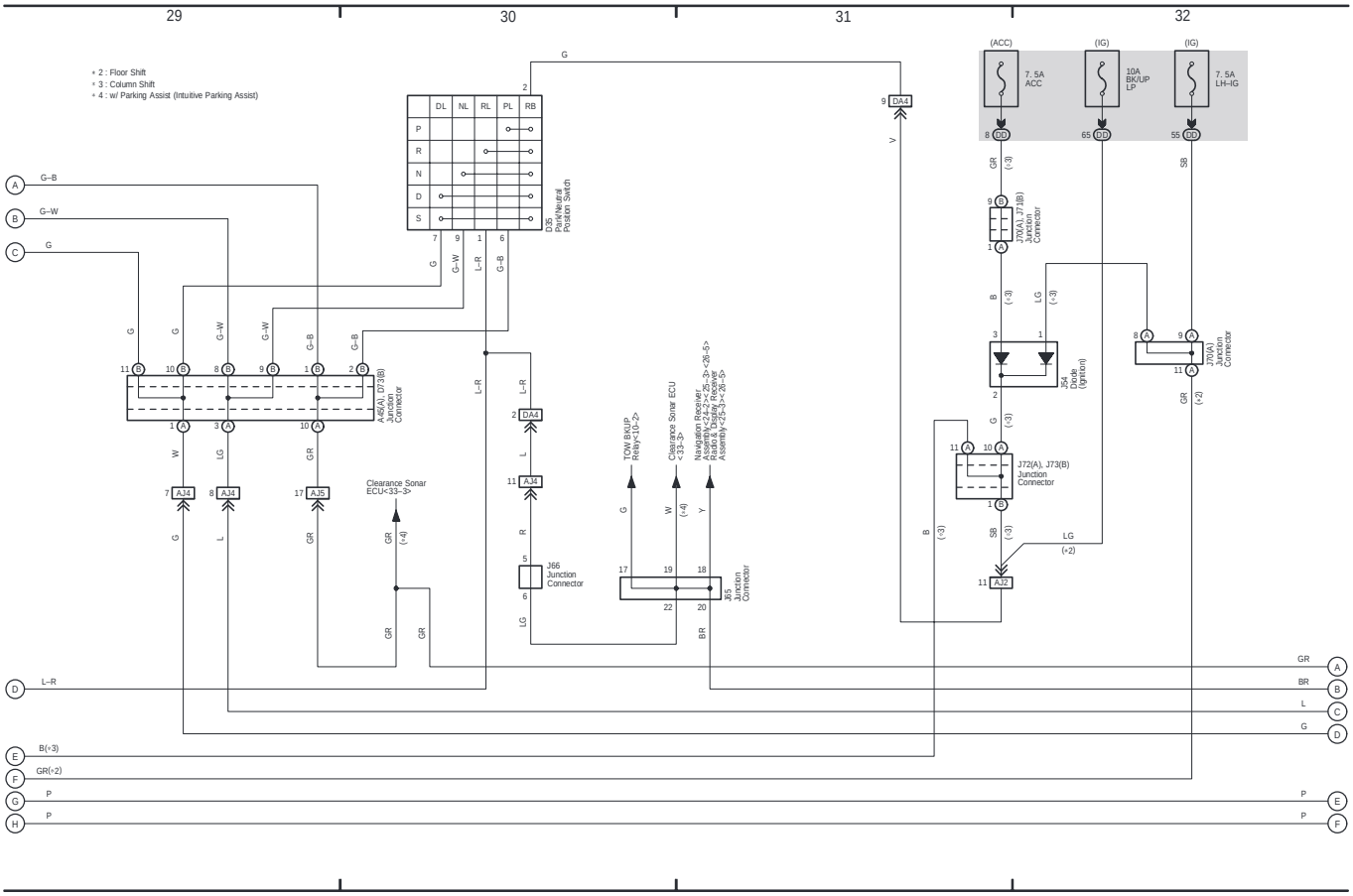
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Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

* 2 : Floor Shift
* 3 : Column Shift

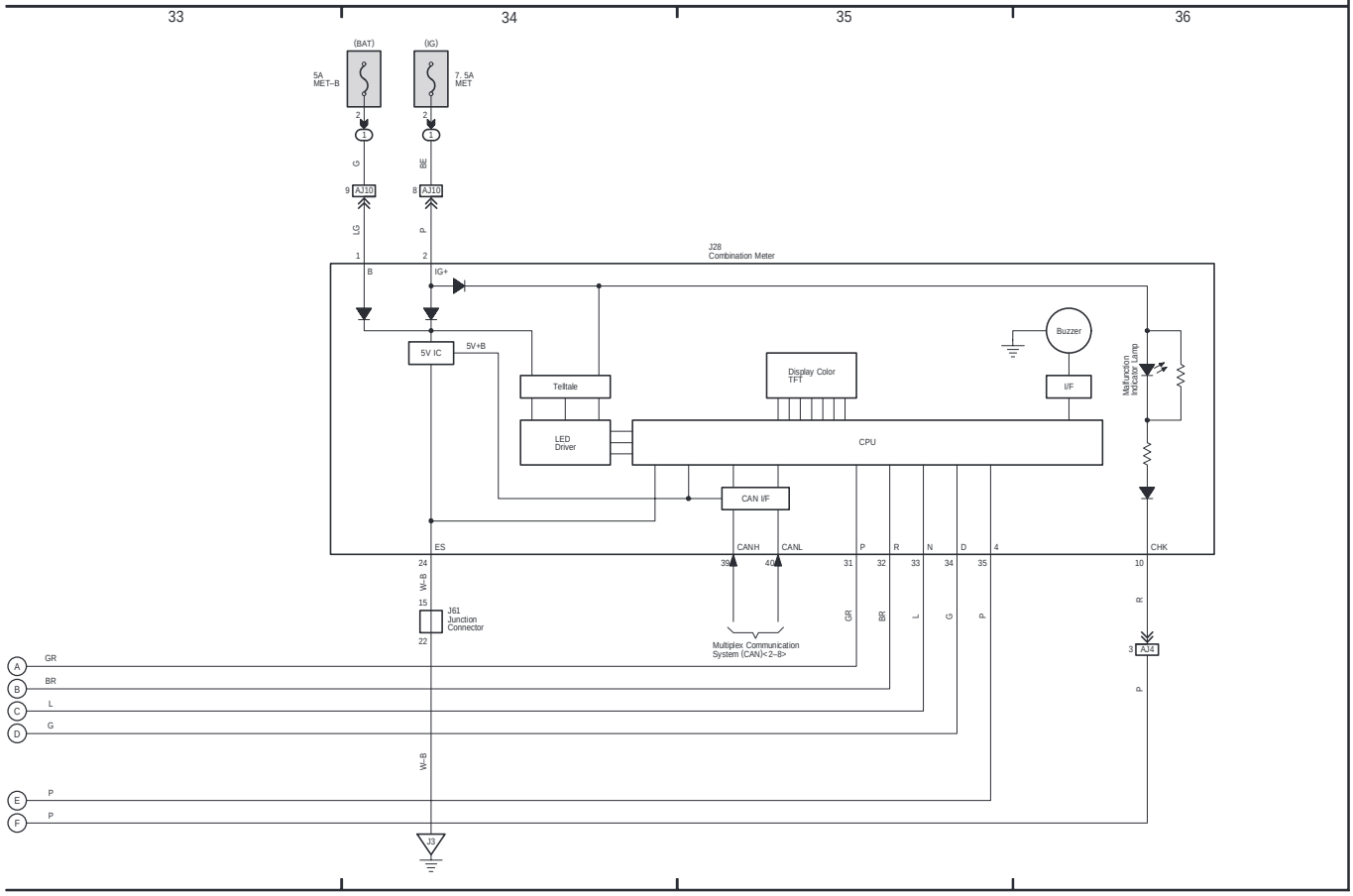


Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)



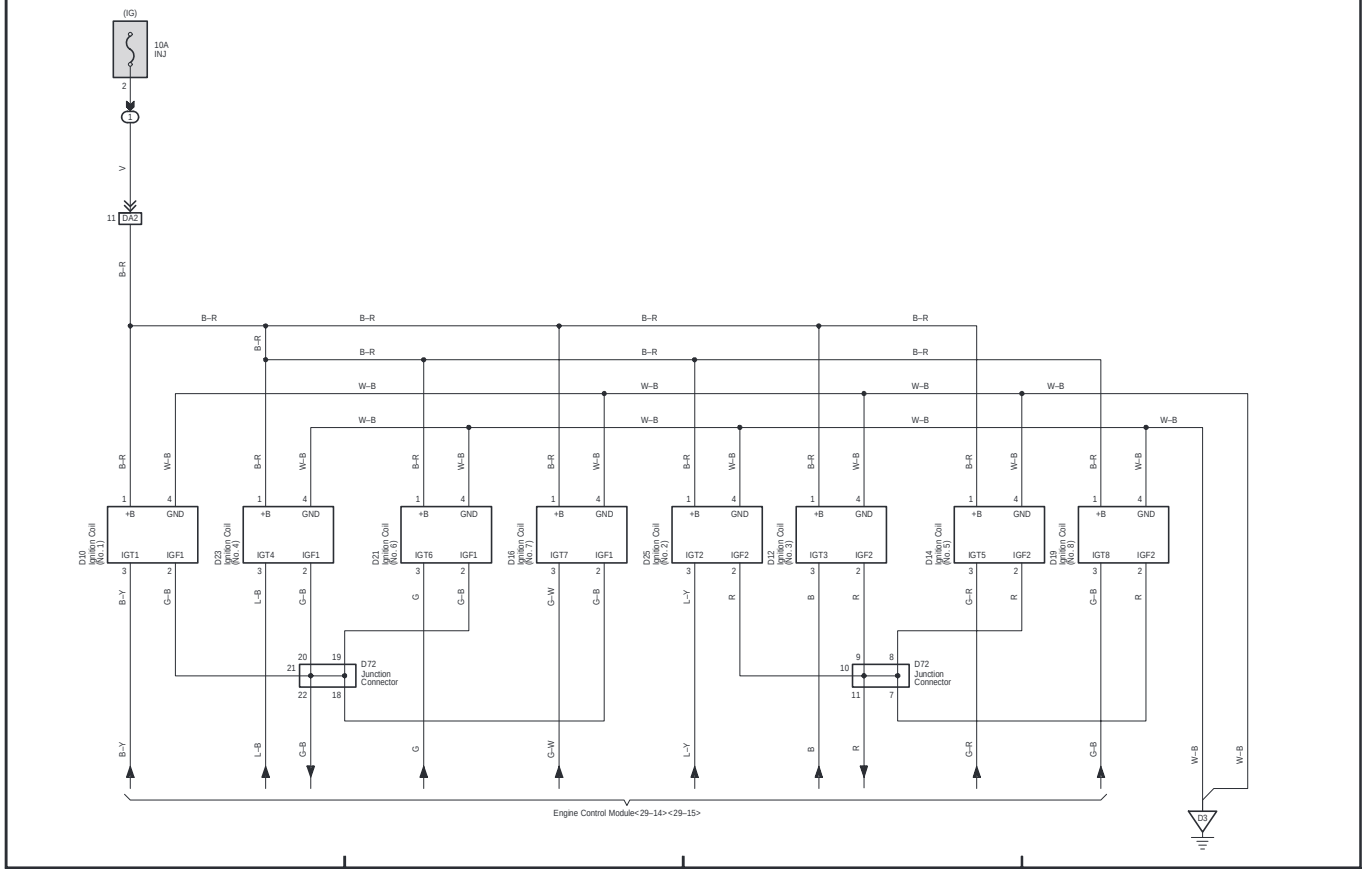
29 TOYOTA TUNDRA (Cont' d)

Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

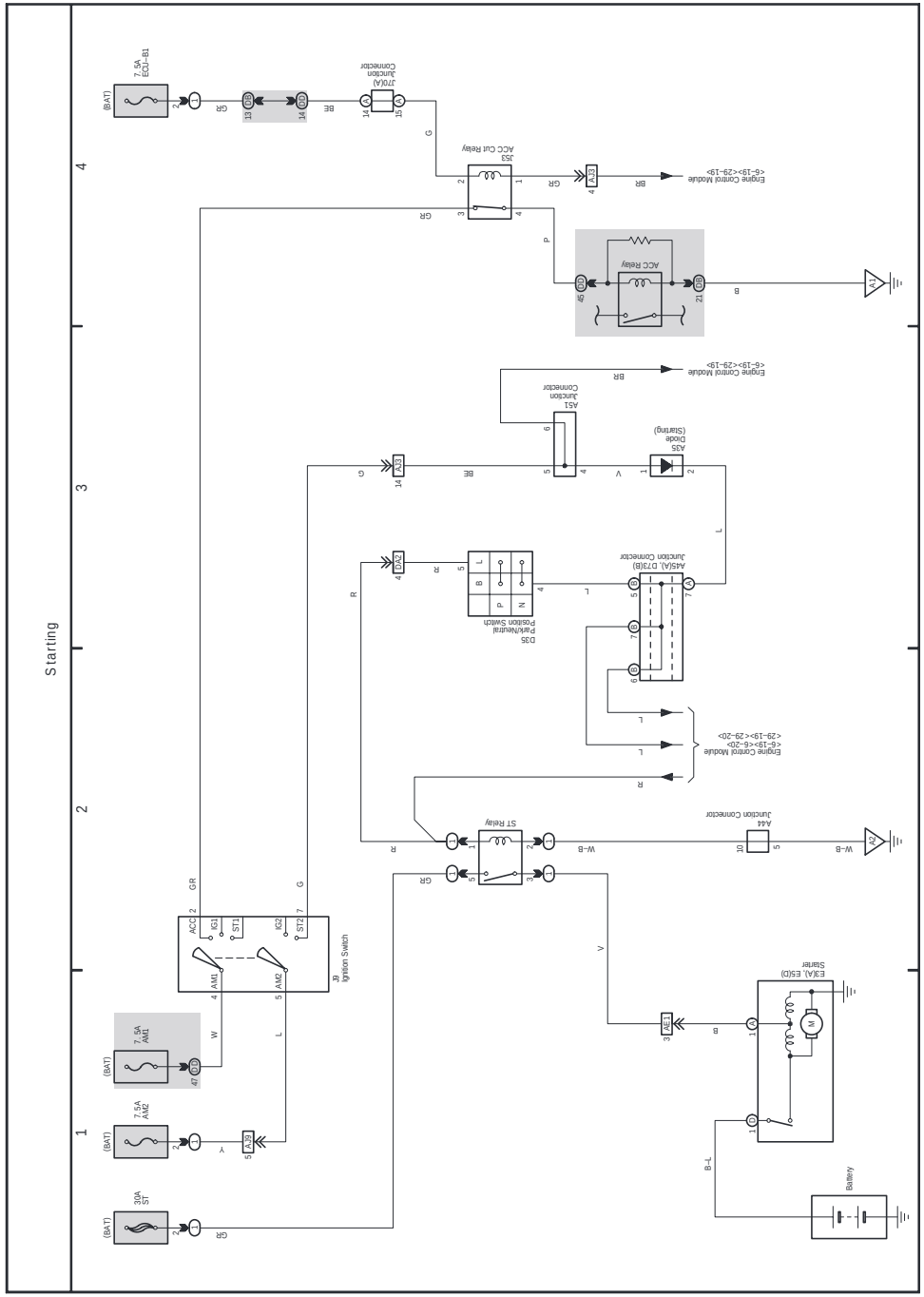


Ignition (1UR-FE)
1
2
3
4
M
D81
Noise Filter
(Ignition Bank 2)
D10
Ignition Coil
(No. 1)
D23
Ignition Coil
(No. 4)
D21
Ignition Coil
(No. 6)
D16
Ignition Coil
(No. 7)
D25
Ignition Coil
(No. 2)
D12
Ignition Coil
(No. 3)
D14
Ignition Coil
(No. 5)
D19
Ignition Coil
(No. 8)
D72
Junction
Connector
D72
Junction
Connector
D82
Noise Filter
(Ignition Bank 1)
IGT1
IGF1
IGT4
IGF1
IGT6
IGF1
IGT7
IGF1
IGT2
IGF2
IGT3
IGF2
IGT5
IGF2
IGT8
IGF2
+B
GND
B–R
B–Y
L–B
G–B
G
G–W
L–Y
R
B
G–R
W–B
V
10A
INJ
Engine Control Module<6>,<4>,<5>,<35>
35

Ignition (3UR–FE, 3UR–FBE)

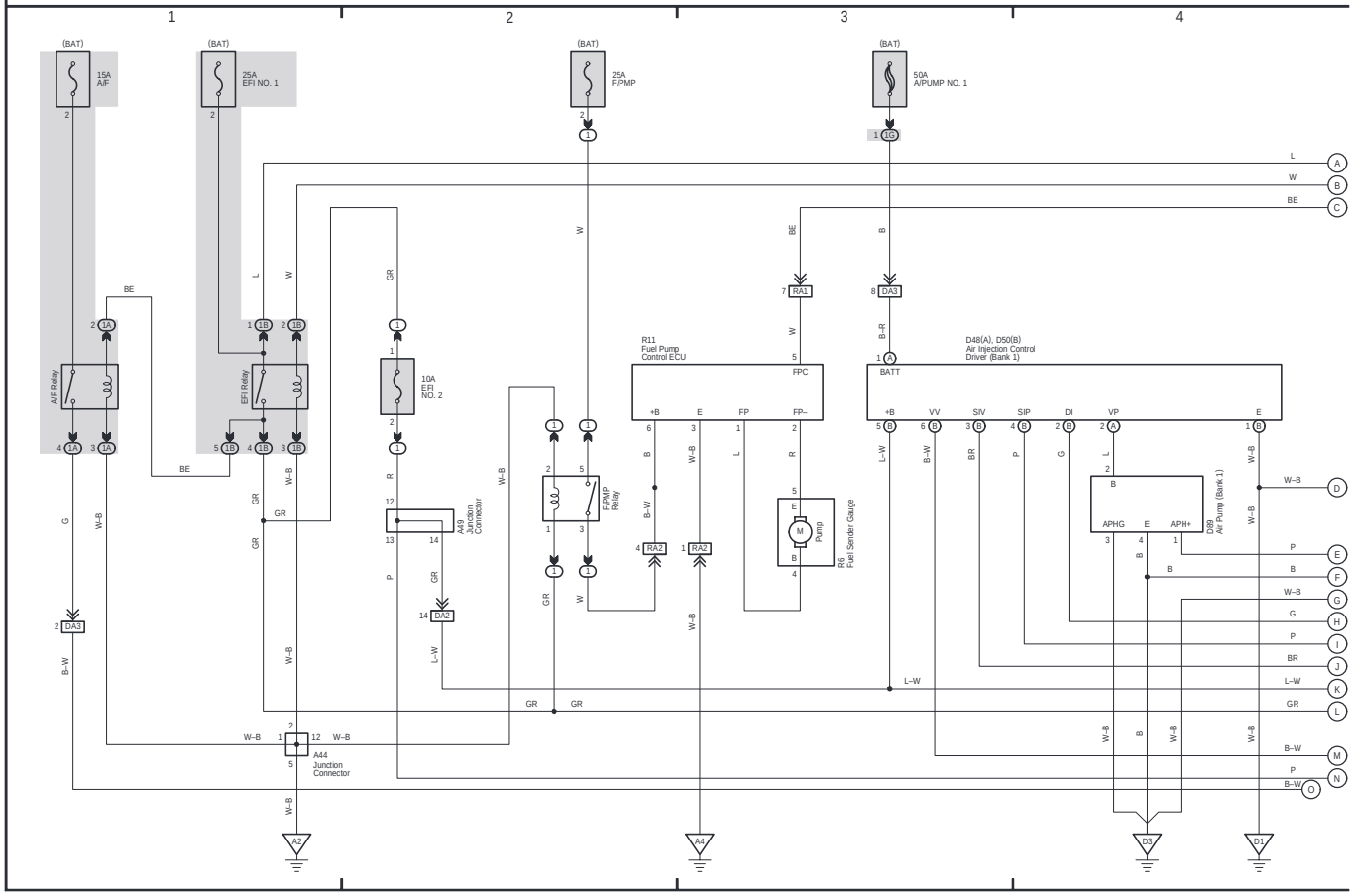


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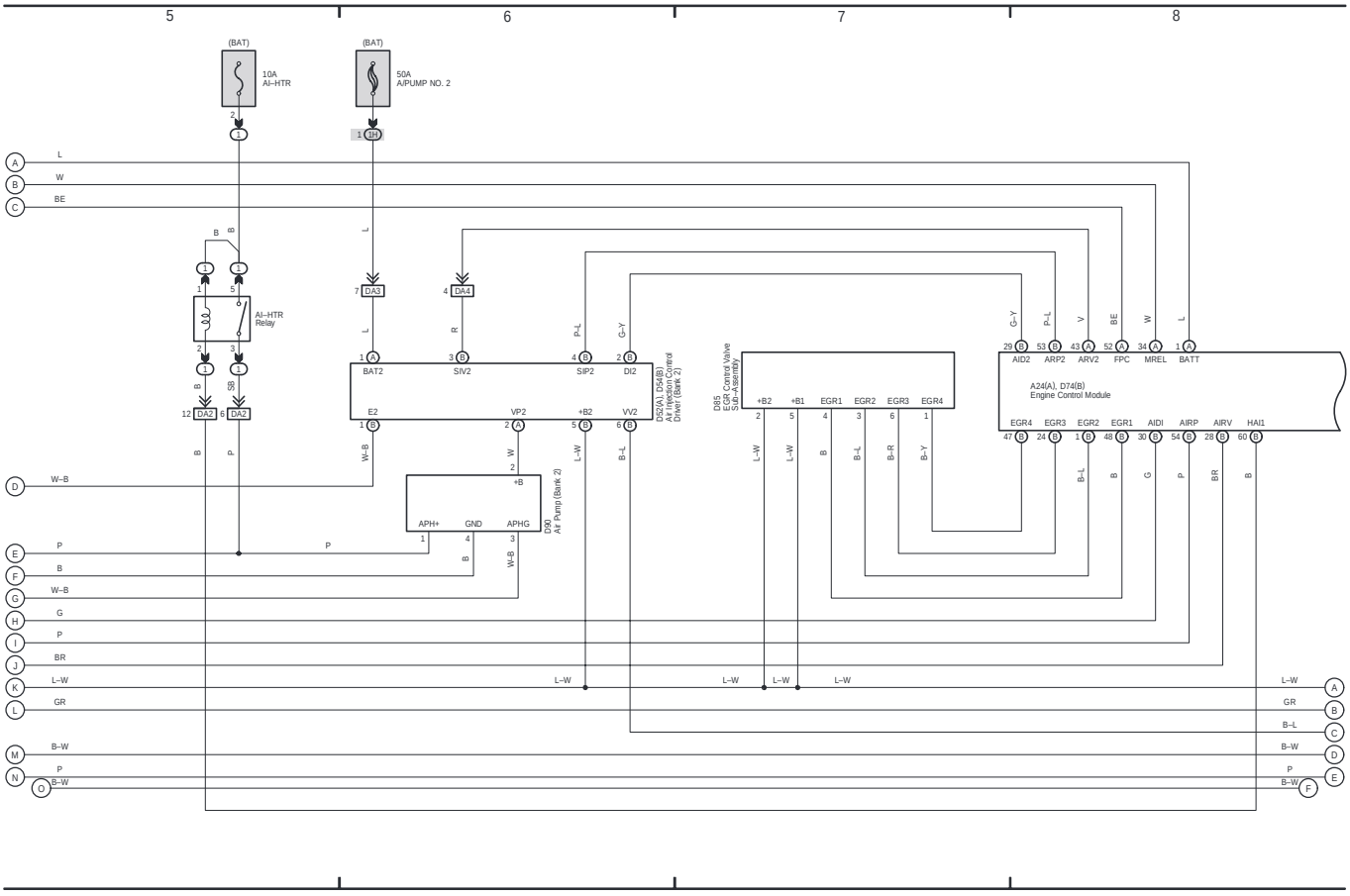

3 TOYOTA TUNDRA
Starting
1
2
3
4
(BAT)
7.5A
EFI-B1
270(A)
Junction
Connector
ACC Cut Relay
J53
Engine Control Module
<6-19><29-19>
ACC Relay
A51
Junction
Connector
Diode
(Starting)
A35
D35
P/Selin/Neutral
Position Switch
A45(A), D73(B)
Junction Connector
Engine Control Module
<6-19><6-20>
<29-19><29-20>
ST Relay
A44
Junction Connector
J9
Ignition Switch
7.5A
AM1
7.5A
AM2
30A
ST
E3(A), E5(D)
Starter
Battery
B+L

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Engine Control (1UR–FE)

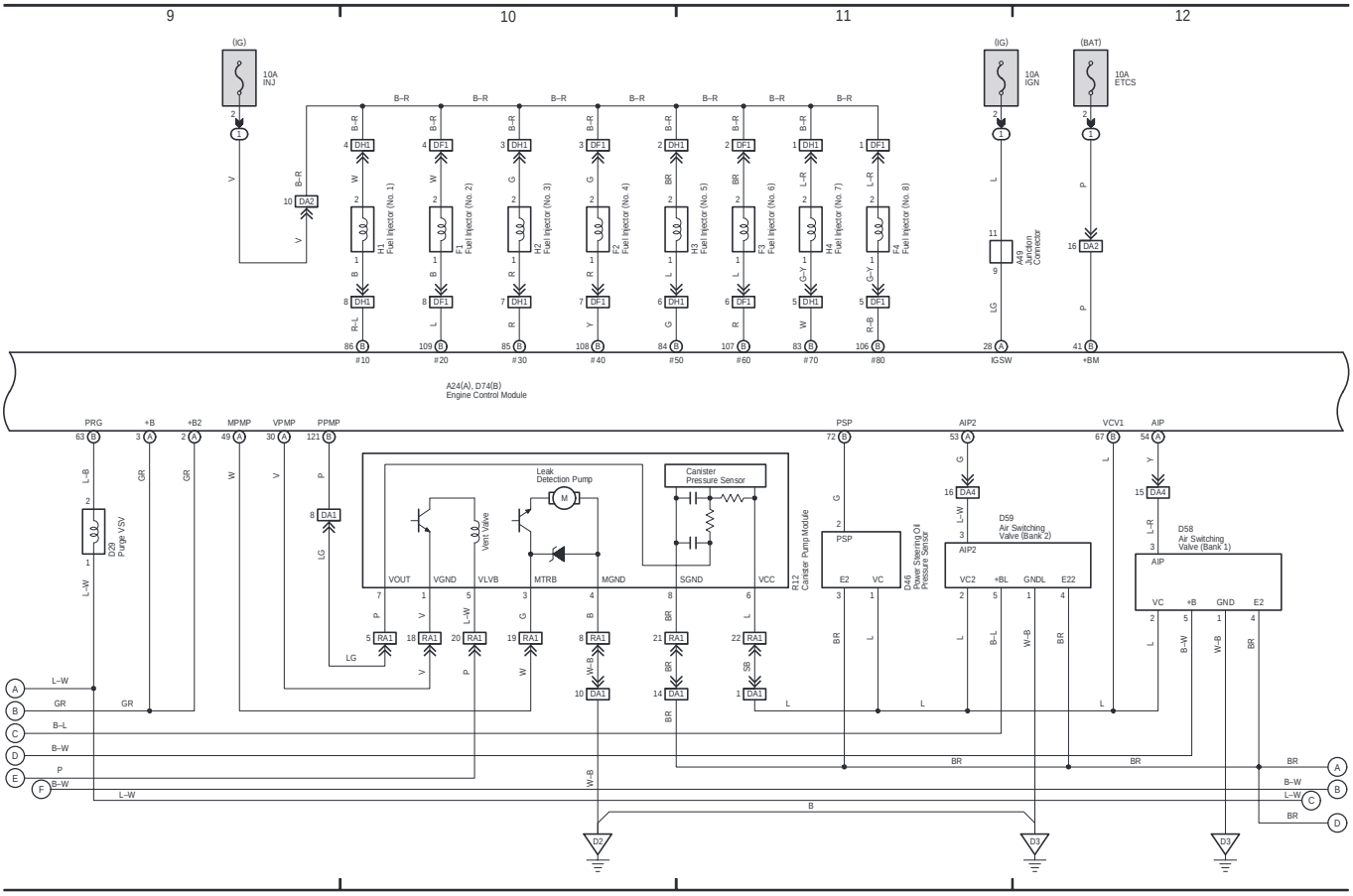


Engine Control (1UR–FE)



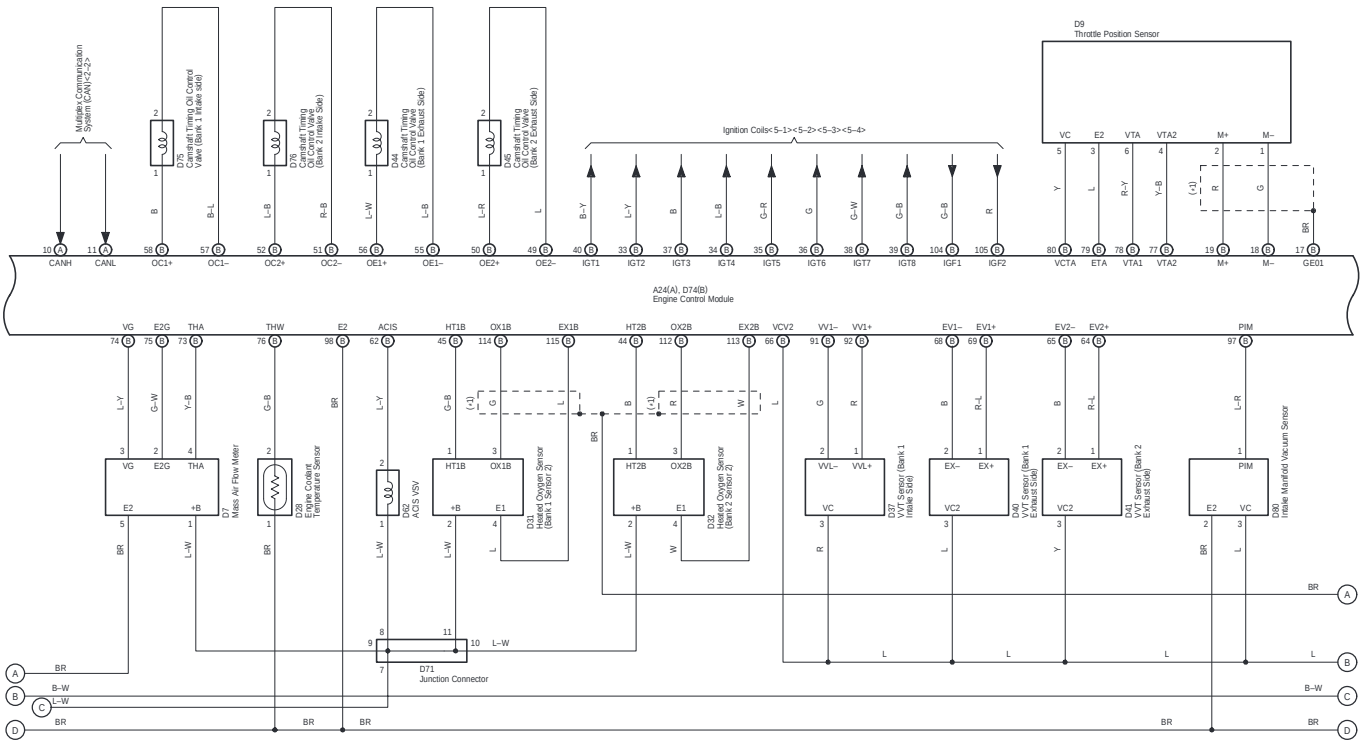
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Engine Control (1UR–FE)



Engine Control (1UR–FE)

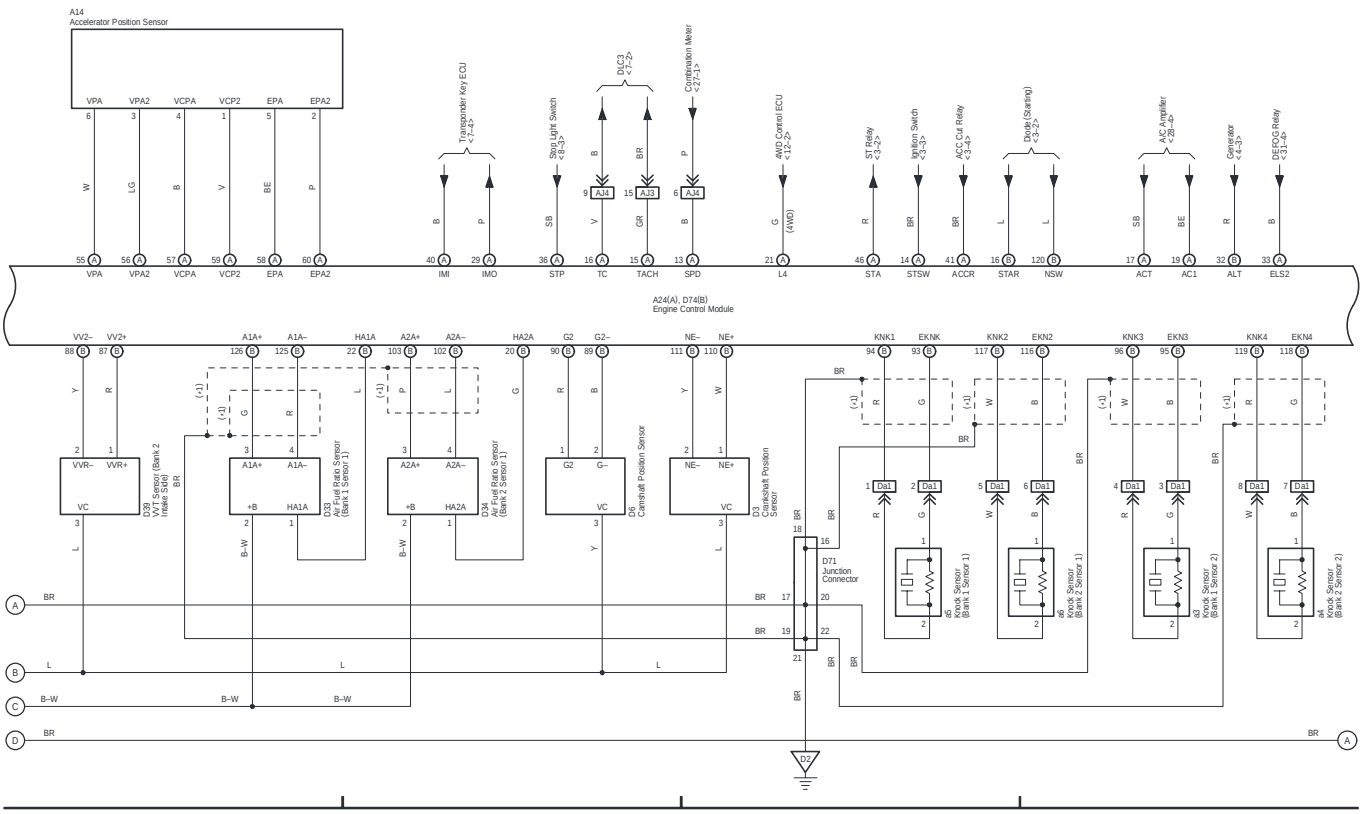
* 1 : Shielded



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Engine Control (1UR–FE)

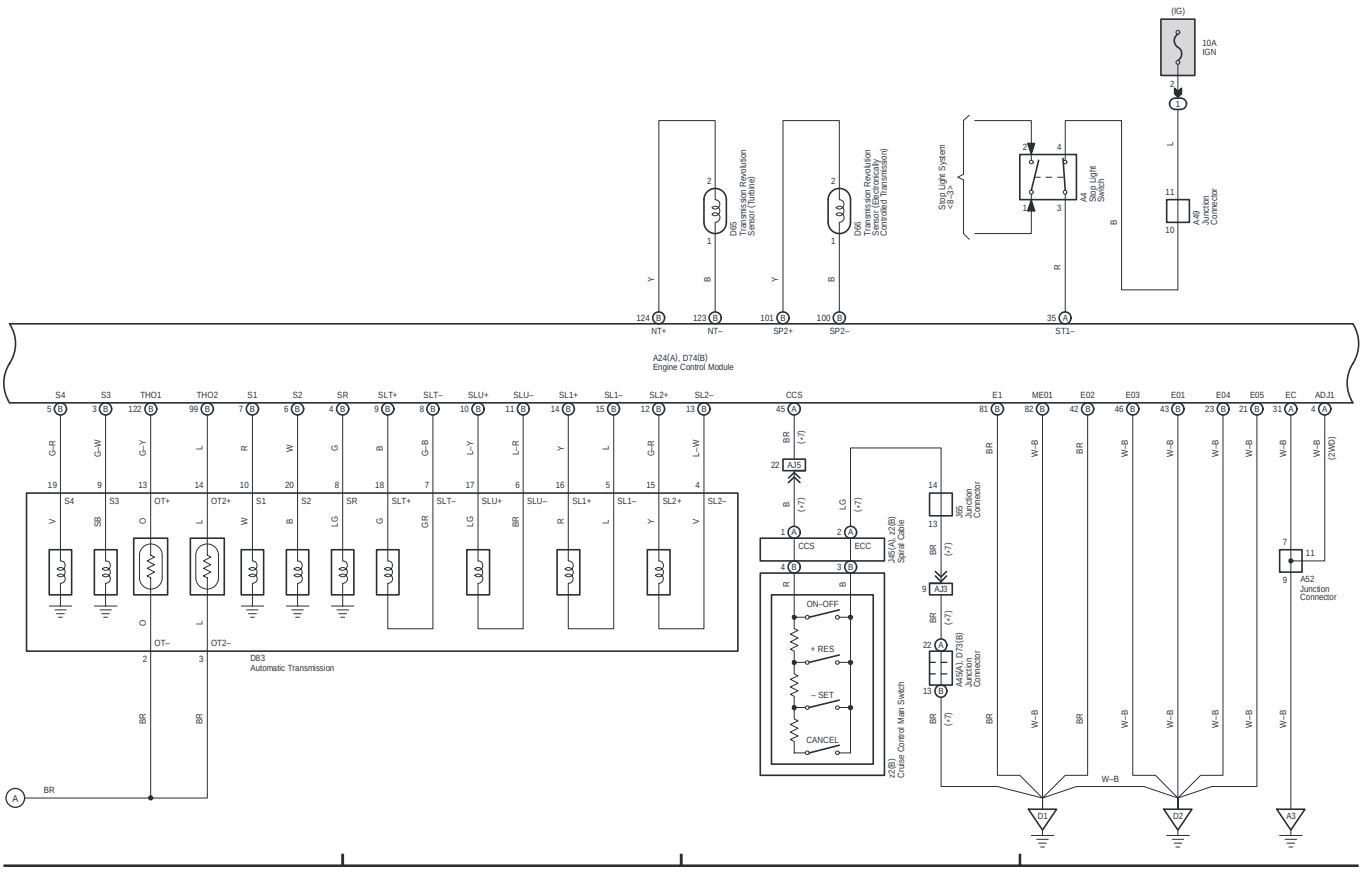
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Cruise Control (1UR–FE)

* 7 : w/ Cruise Control

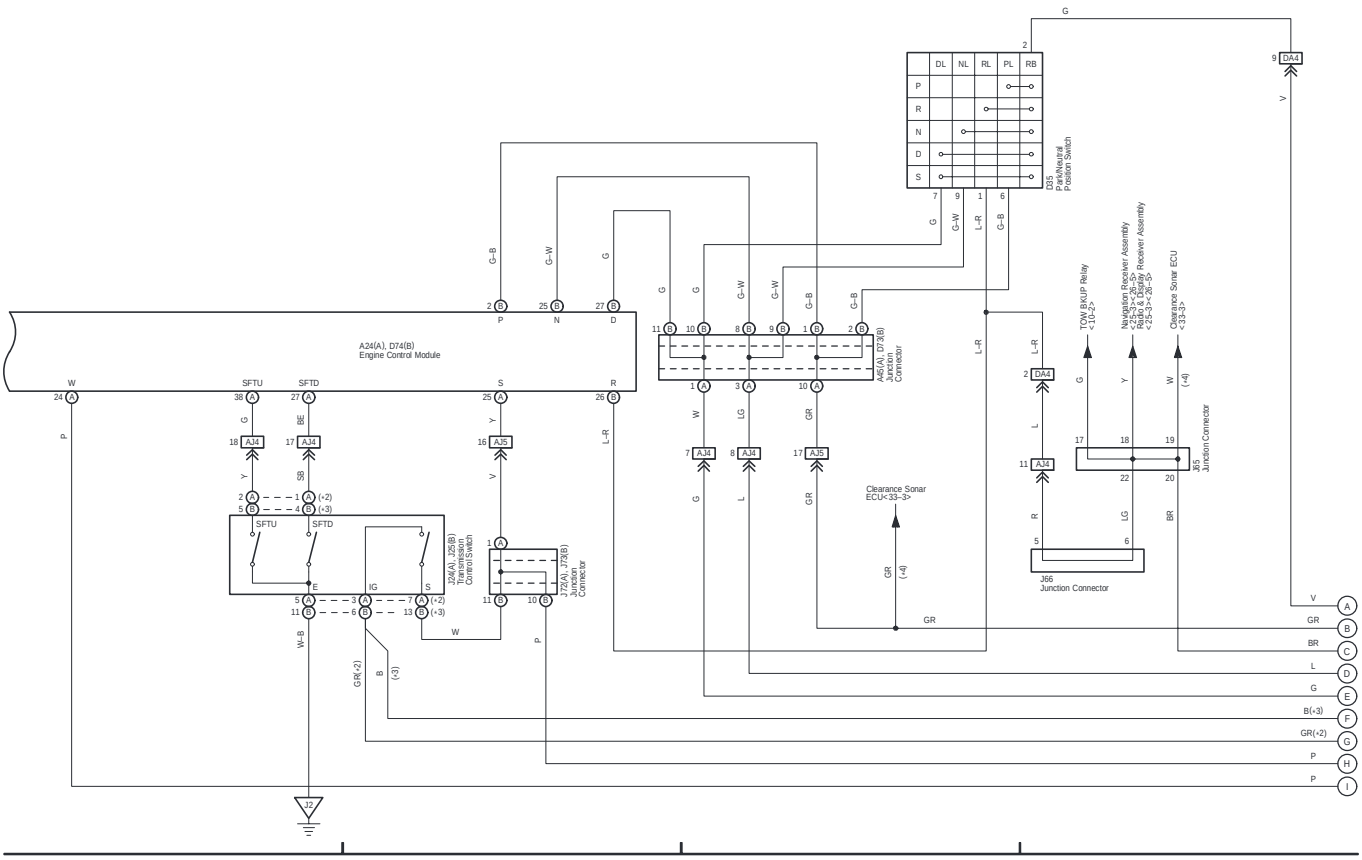


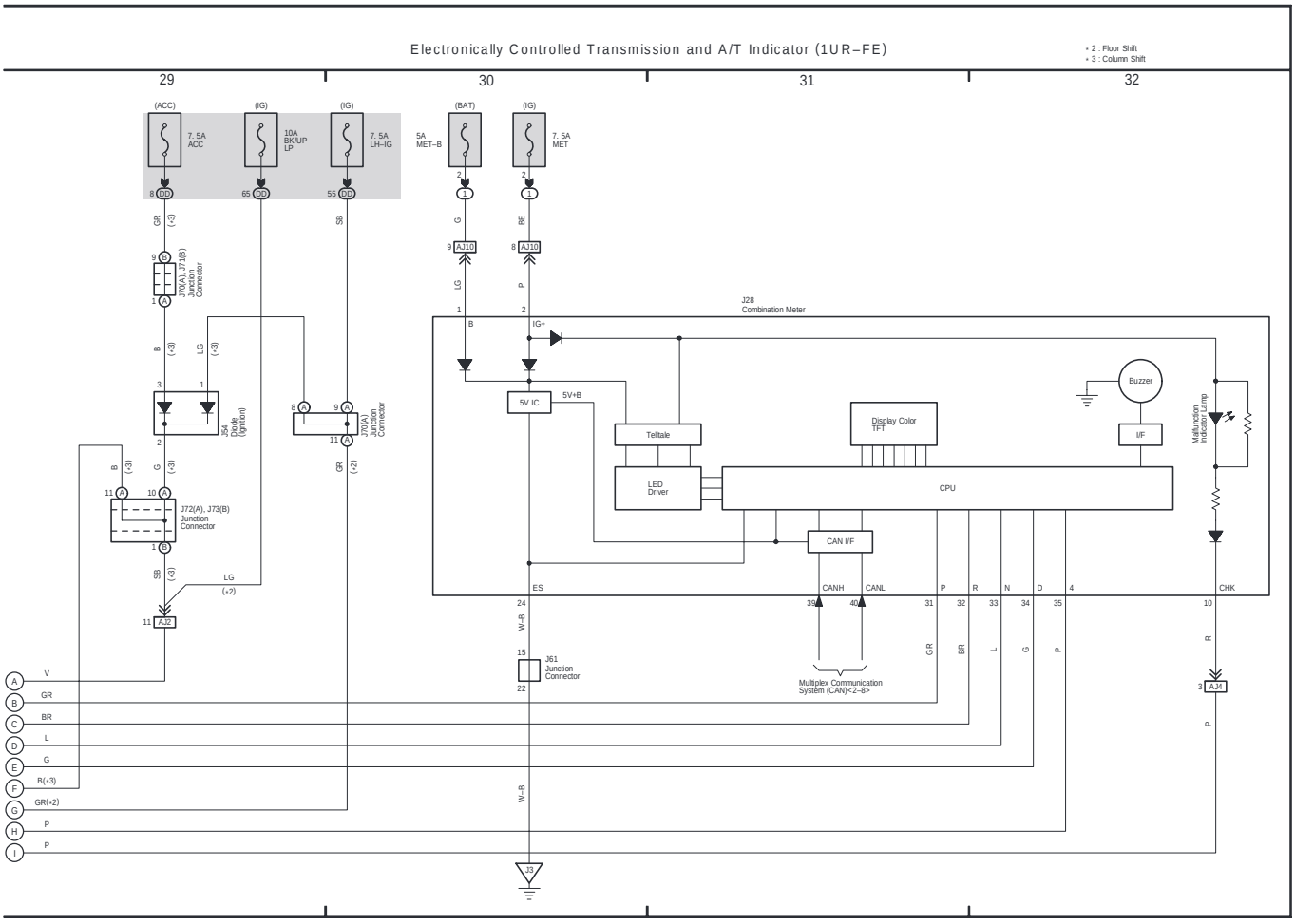
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Electronically Controlled Transmission and A/T Indicator (1UR–FE)

• 2 : Floor Shift
• 3 : Column Shift
• 4 : w/ Parking Assist (Intuitive Parking Assist)

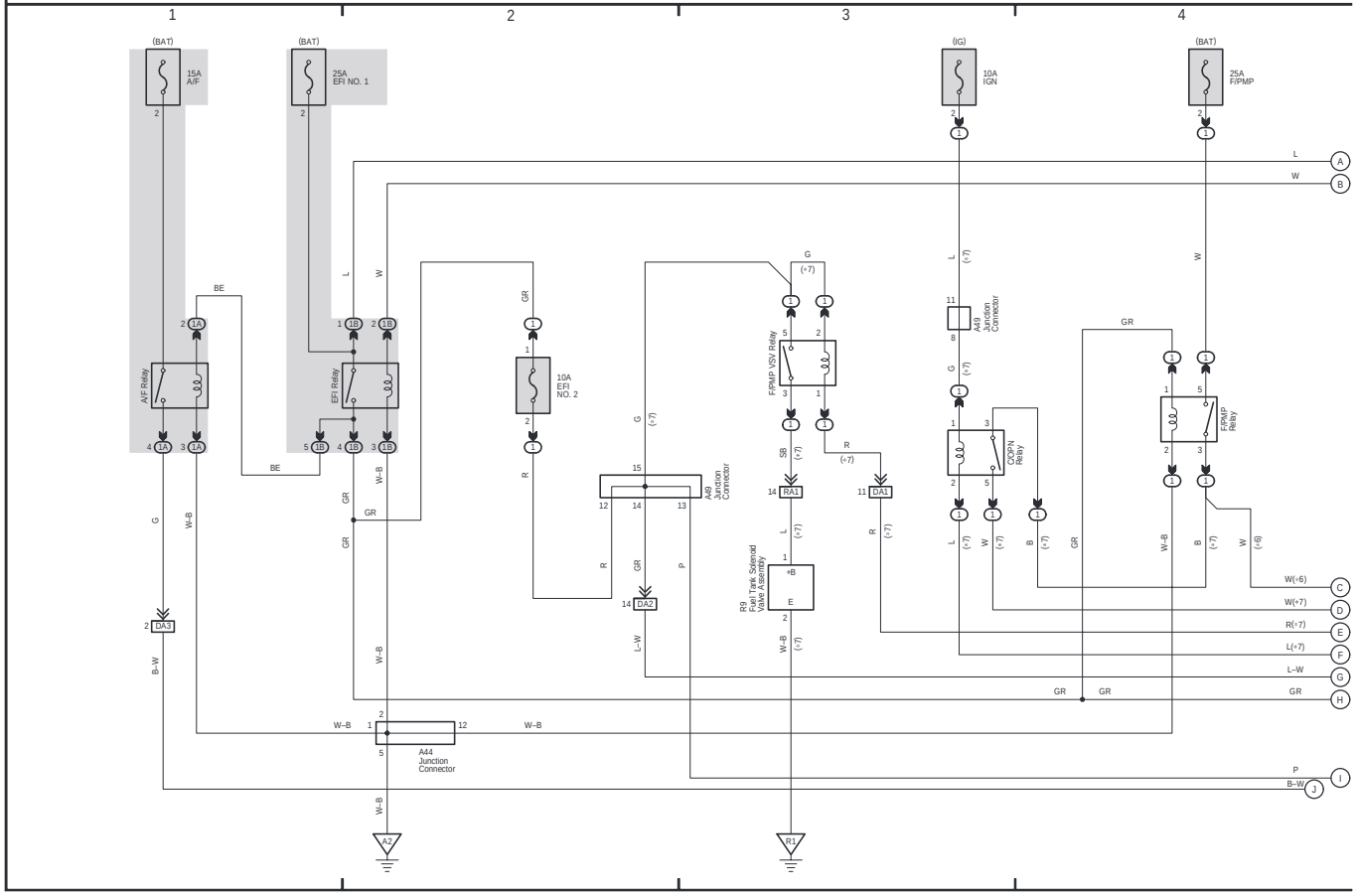



Electronically Controlled Transmission and A/T Indicator (1UR–FE)
* 2 : Floor Shift
* 3 : Column Shift
29
30
31
32
(ACC)
(IG)
(IG)
(BAT)
(IG)
7. 5A ACC
10A BK/UP LP
7. 5A LH–IG
5A MET–B
7. 5A MET
J70(A), J71(B) Junction Connector
J54 2D(B) (Ignition)
J70(A) Junction Connector
J72(A), J73(B) Junction Connector
J28 Combination Meter
IG+
5V IC
5V+B
Telltale
LED Driver
Display Color TFT
CPU
Buzzer
I/F
CAN I/F
Malfunction Indicator Lamp
ES
CANH
CANL
P
R
N
D
CHK
J61 Junction Connector
Multiplex Communication System (CAN)<2–8>
V
GR
BR
L
G
B(+3)
GR(+2)
P
P

(Cont. next page)

Engine Control (3UR–FE, 3UR–FBE)

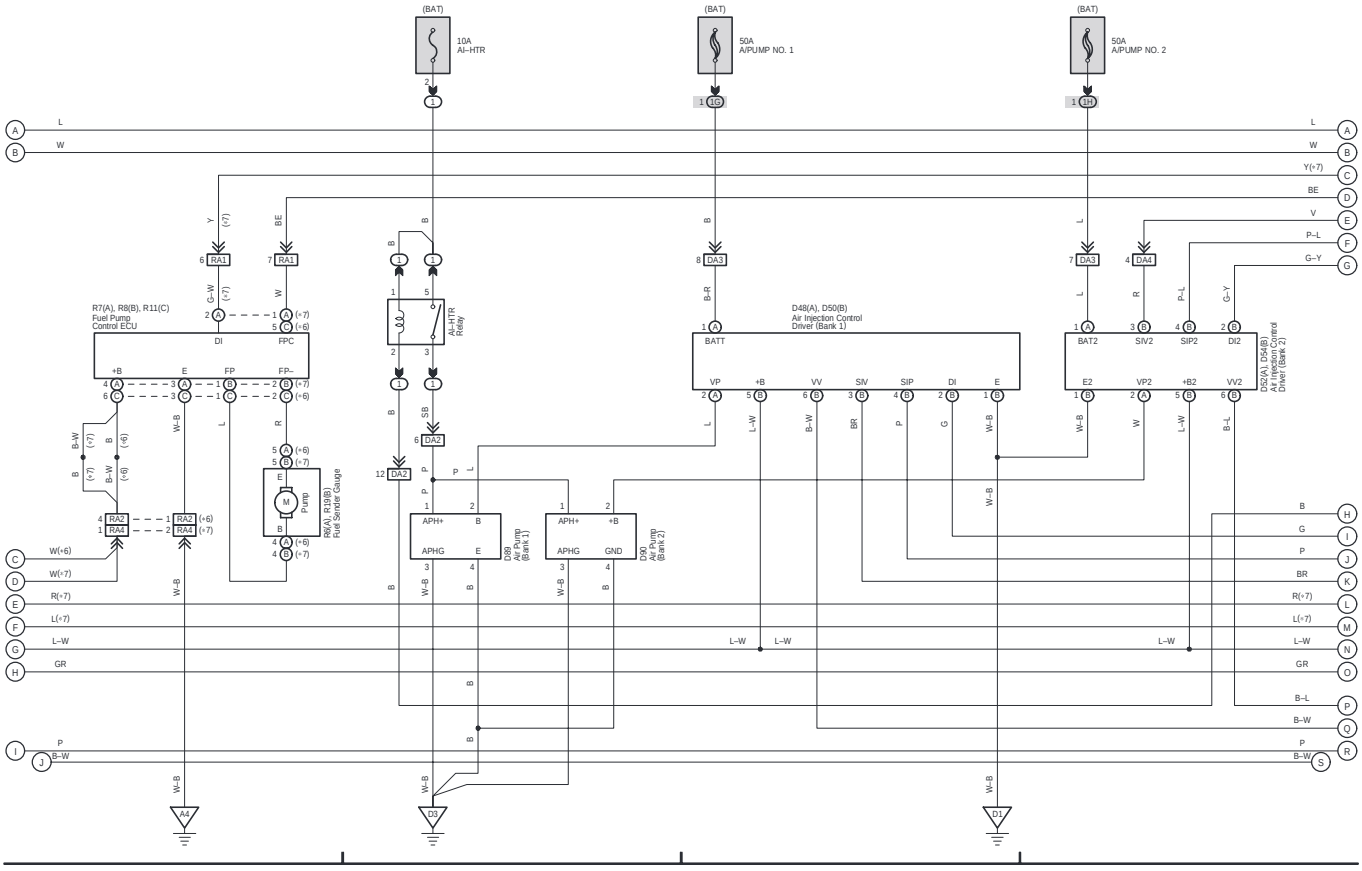
* 6 : 3UR–FE
* 7 : 3UR–FBE



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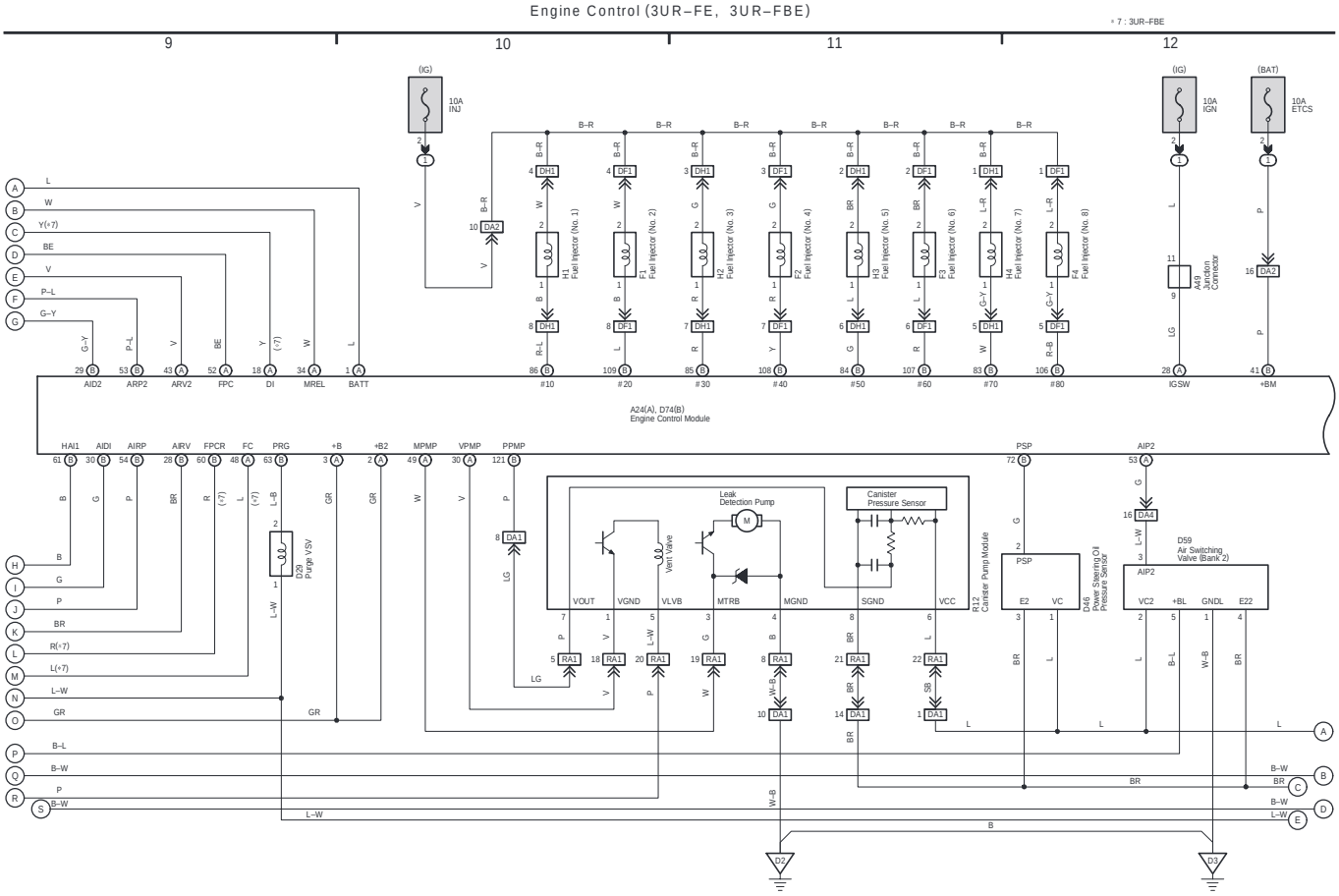
Engine Control (3UR–FE, 3UR–FBE)

* 6 : 3UR–FE
* 7 : 3UR–FBE



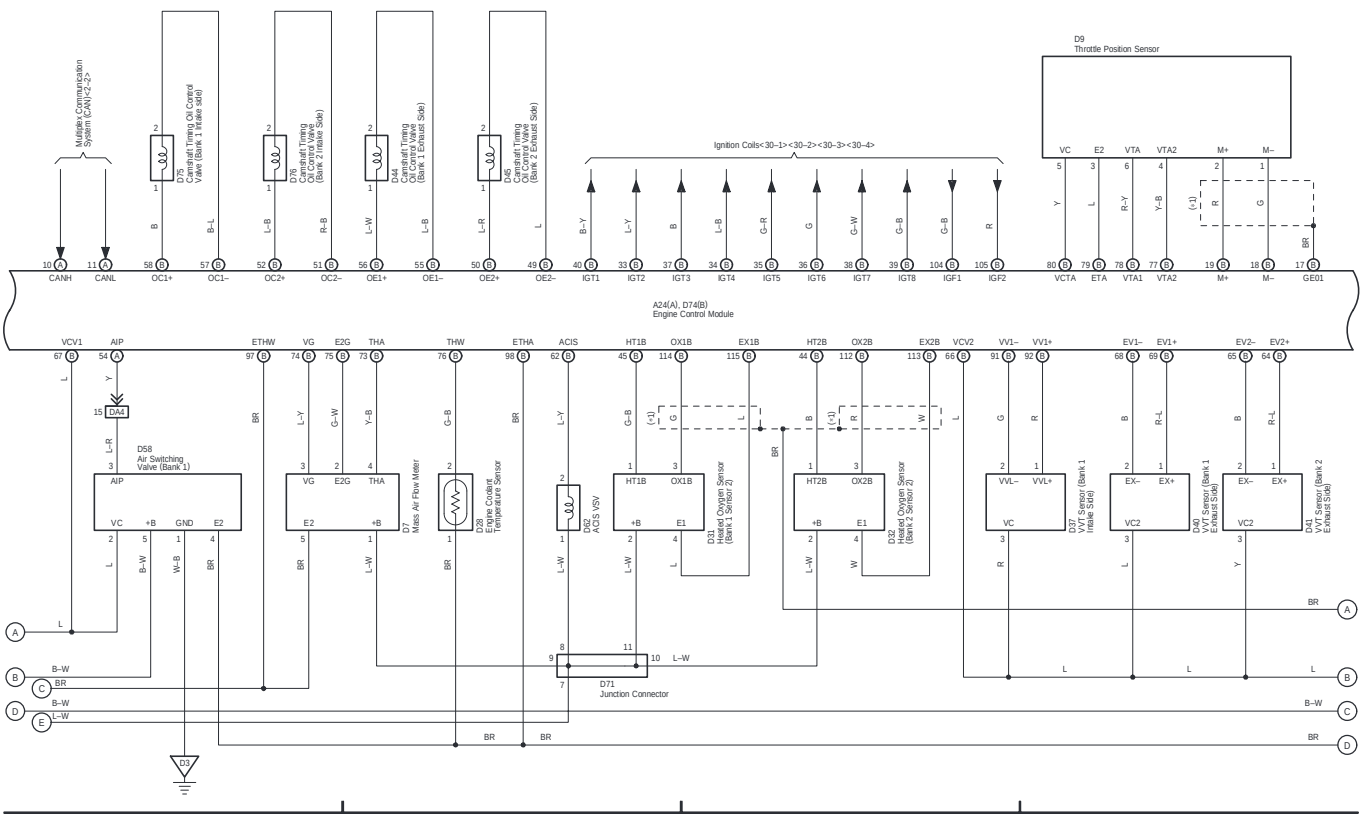
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Engine Control (3UR–FE, 3UR–FBE)

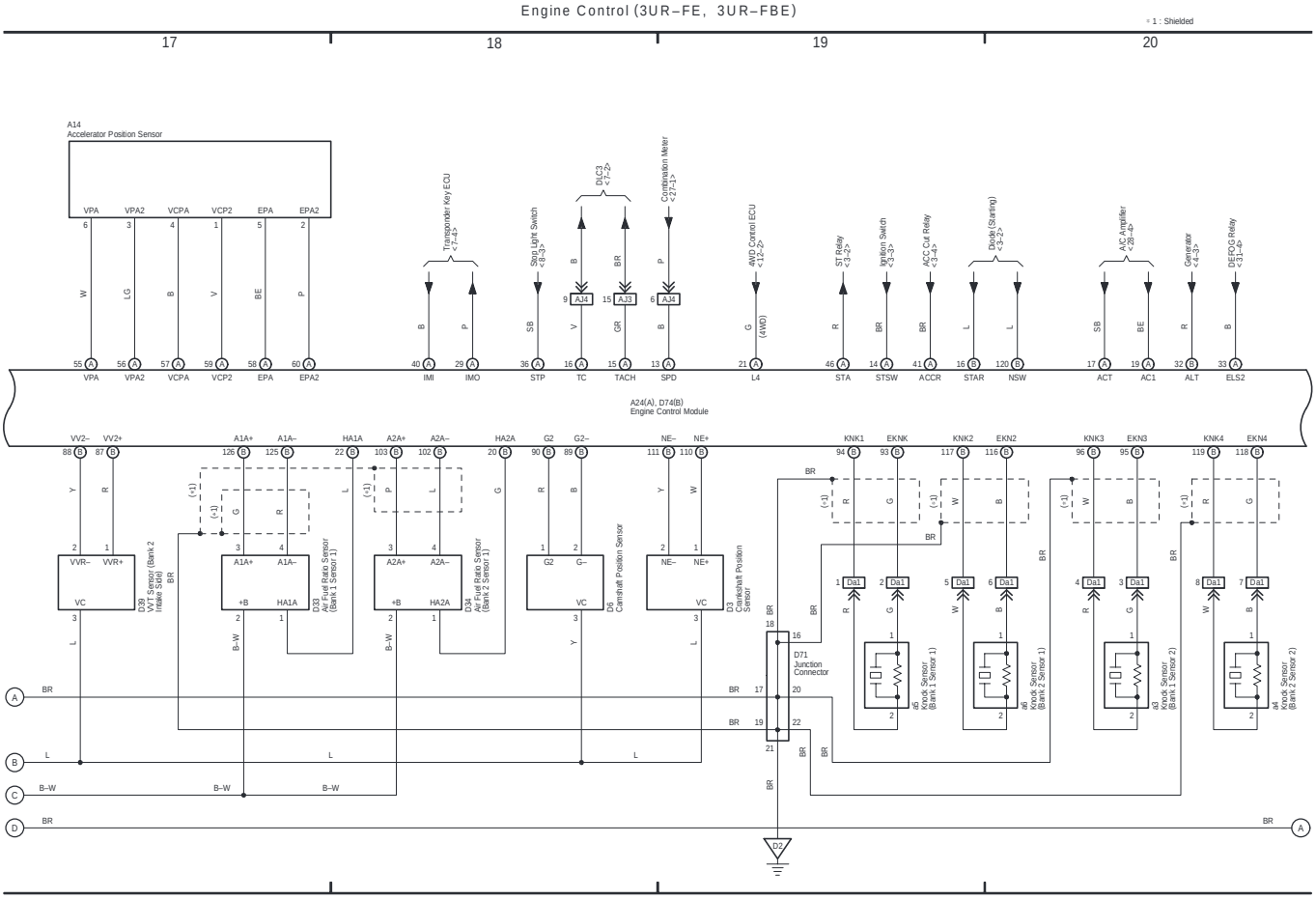


Engine Control (3UR–FE, 3UR–FBE)

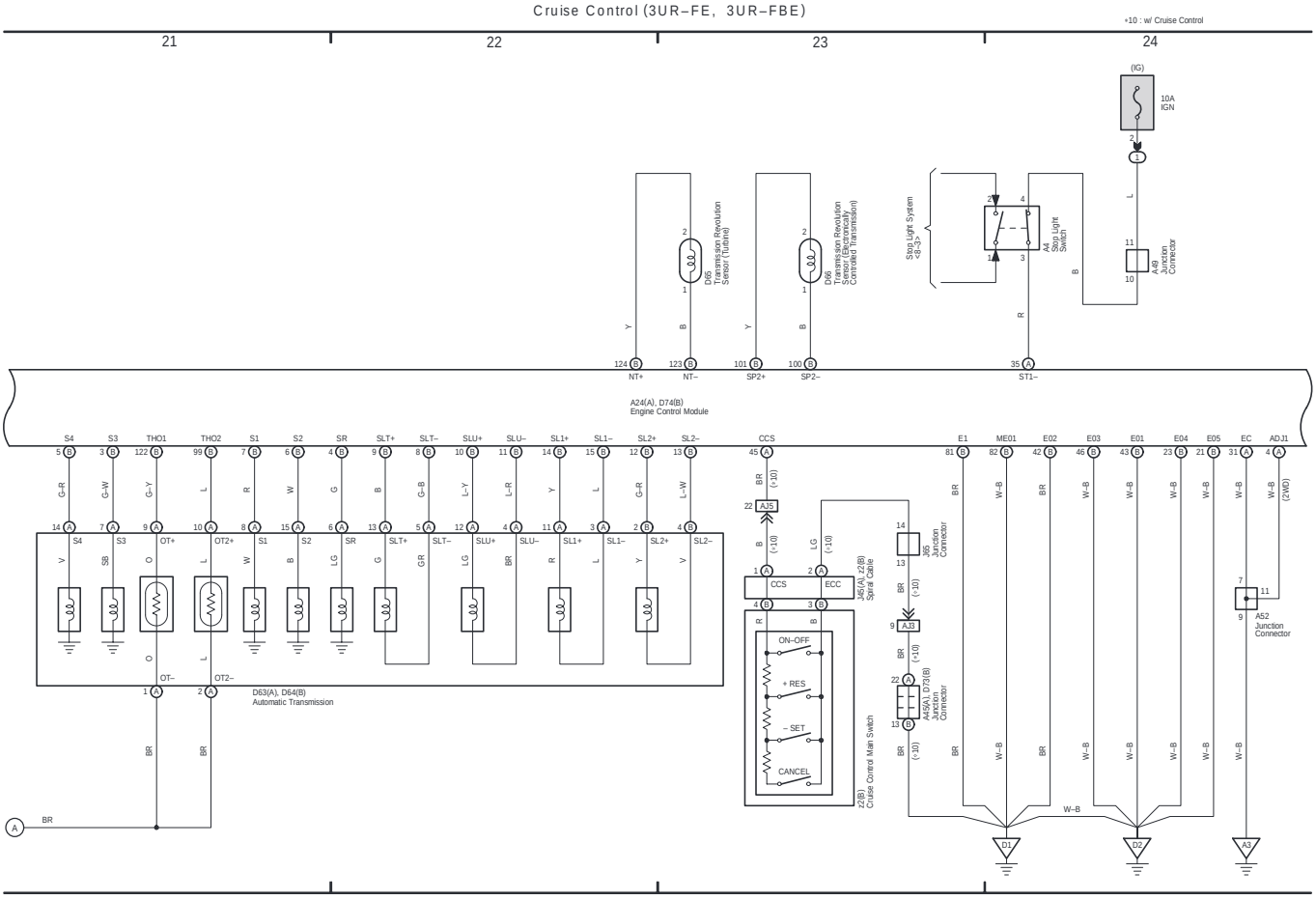
∗1 : Shielded



Engine Control (3UR–FE, 3UR–FBE)



Cruise Control (3UR–FE, 3UR–FBE)

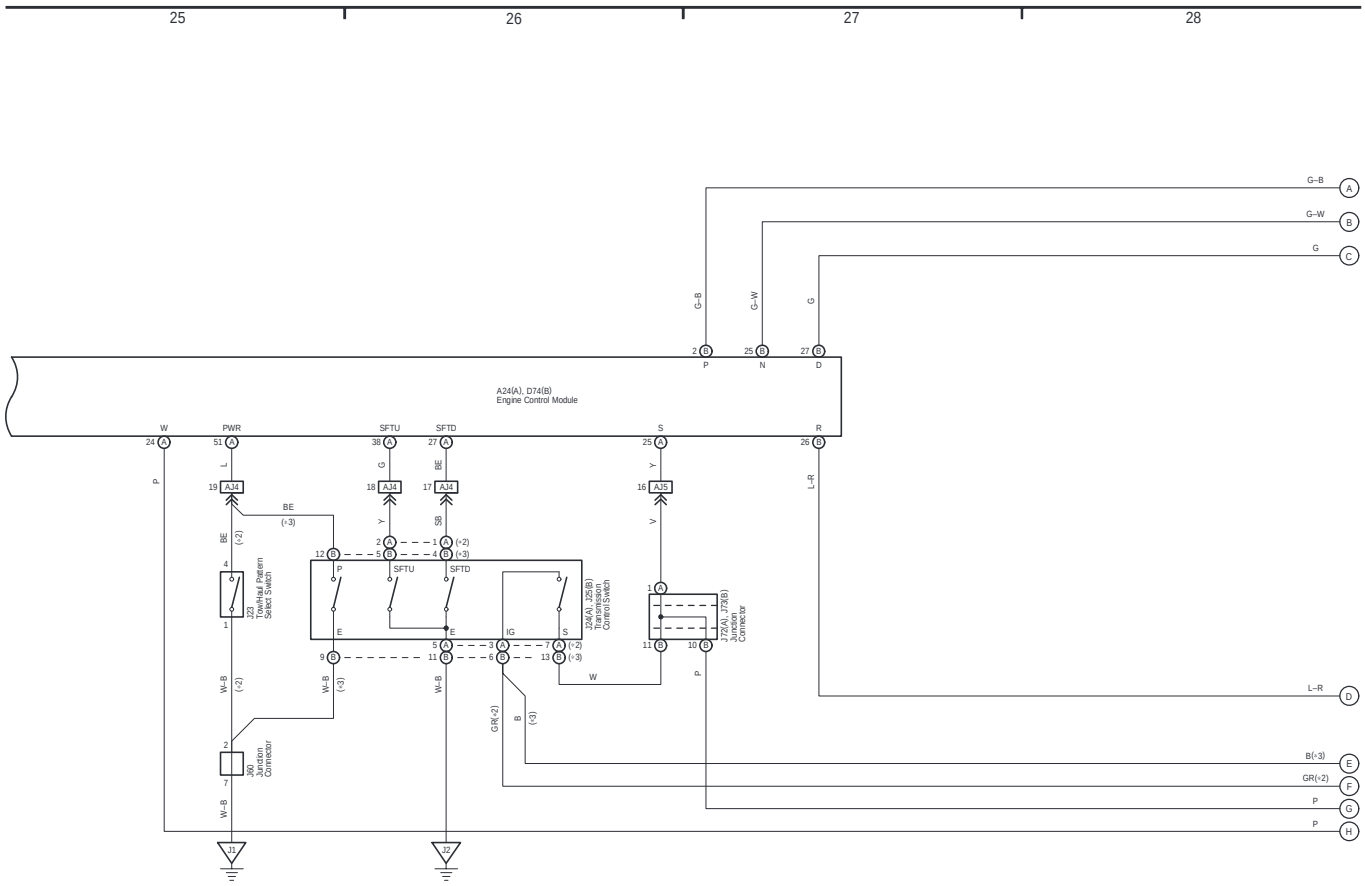


M

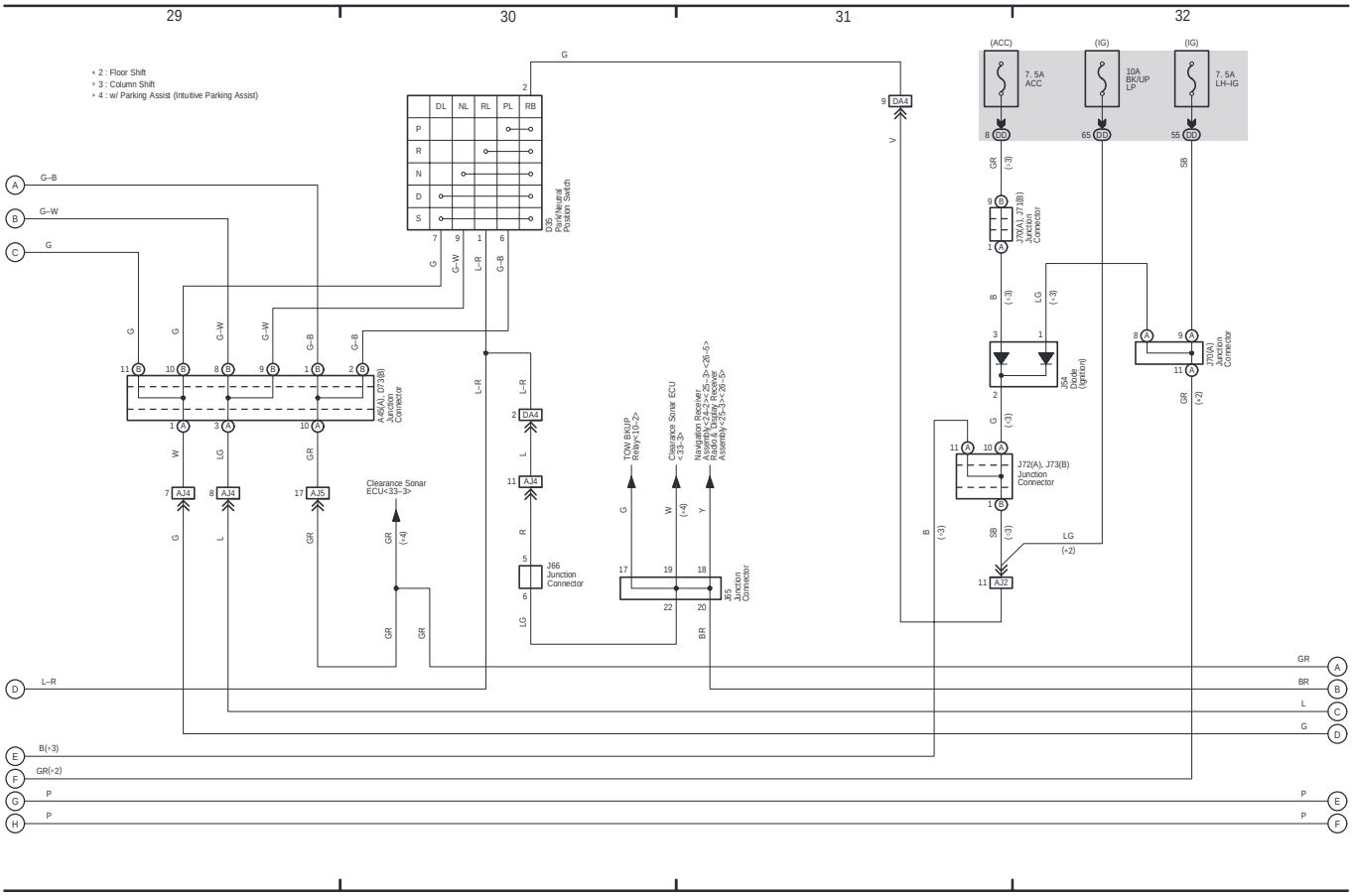
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Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

* 2 : Floor Shift
* 3 : Column Shift

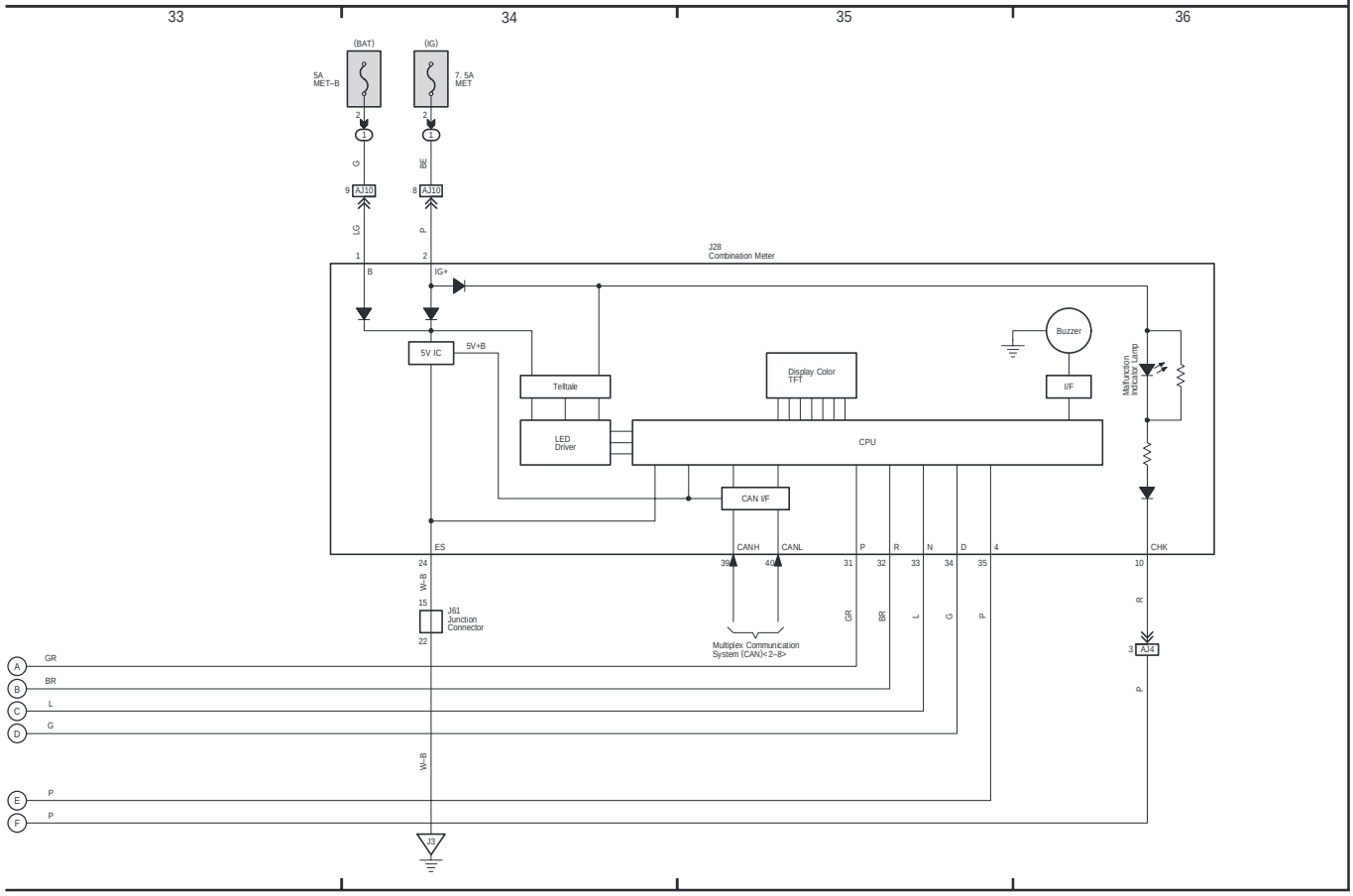


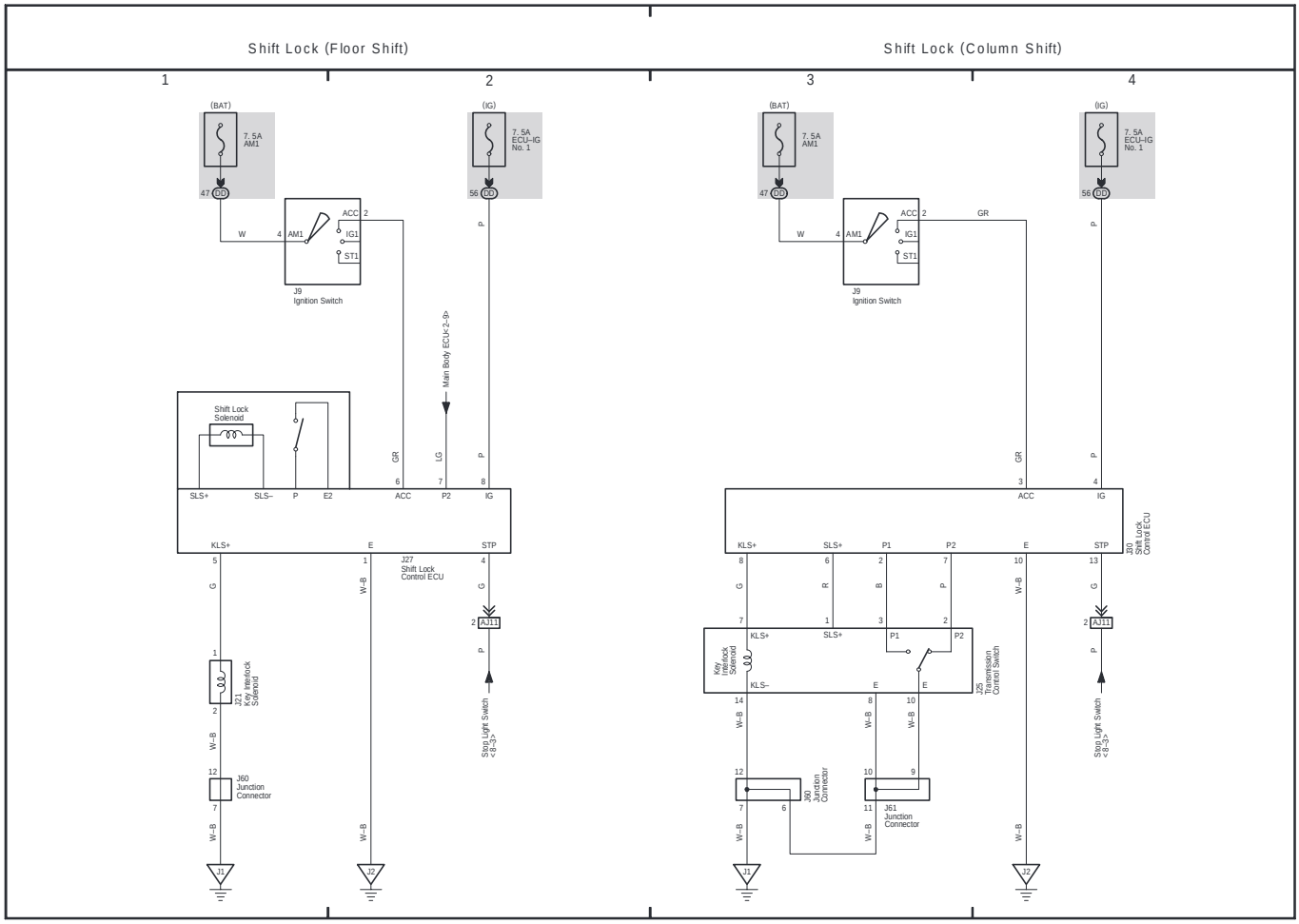
Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

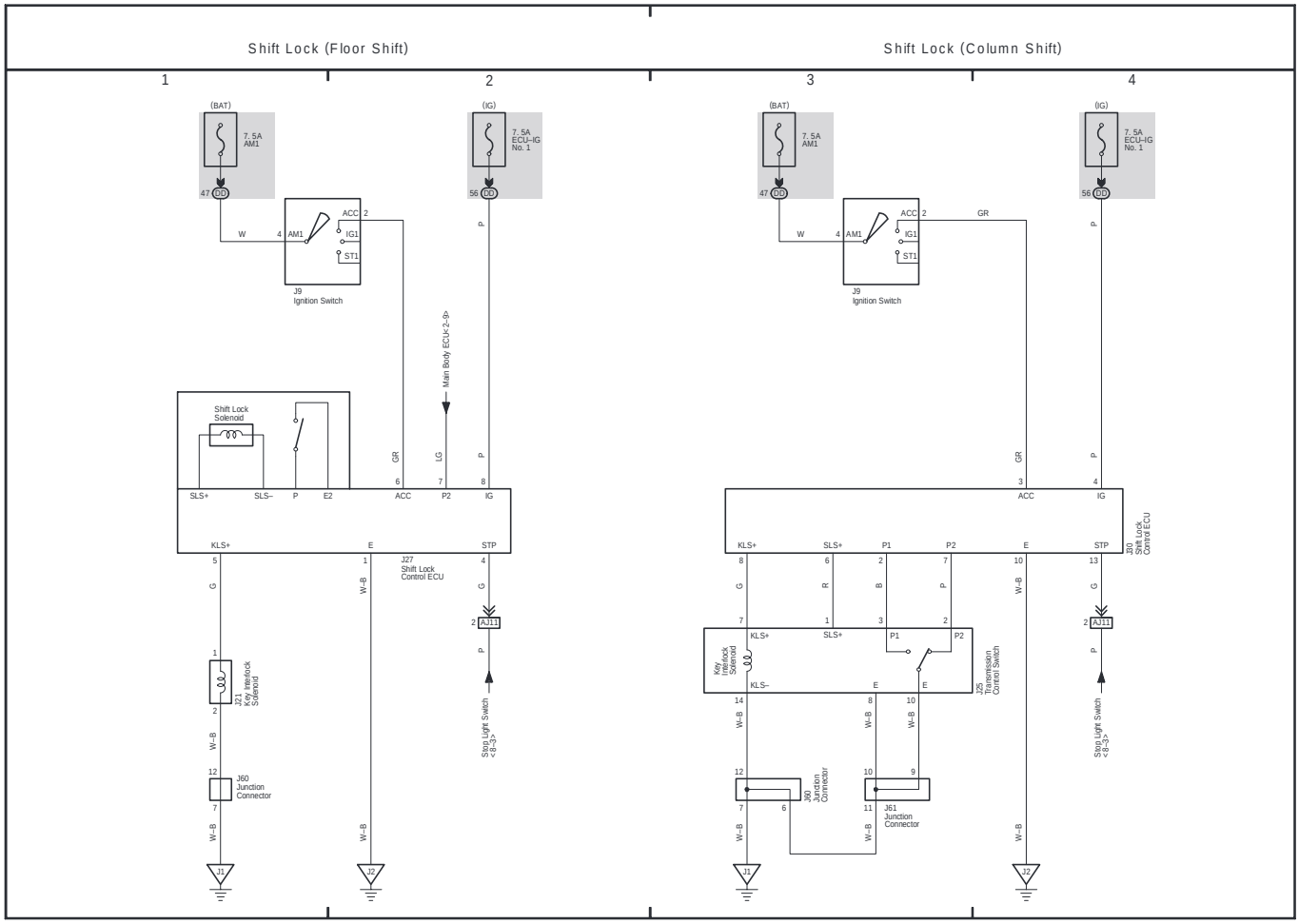


29 TOYOTA TUNDRA (Cont' d)

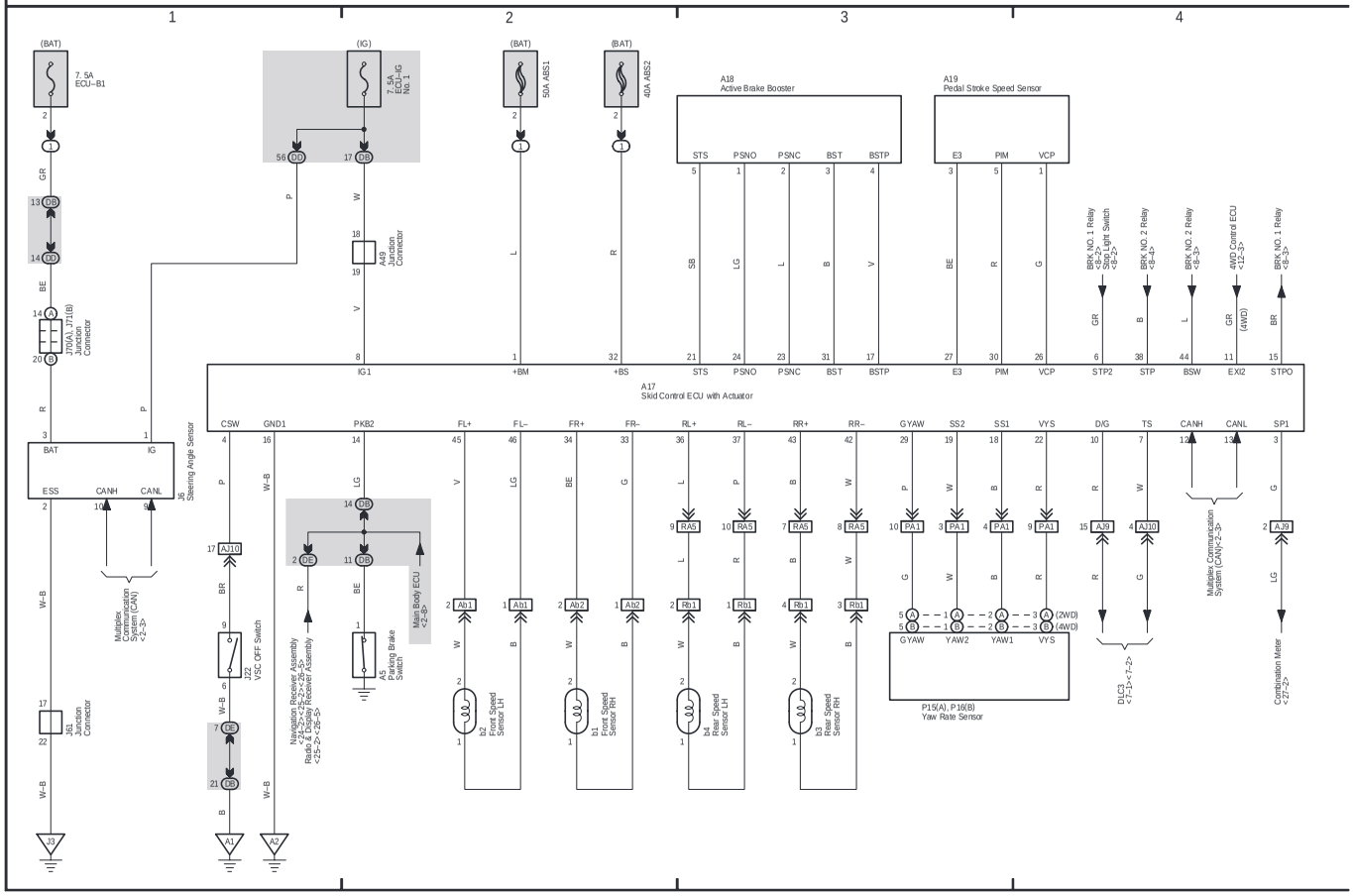
Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)



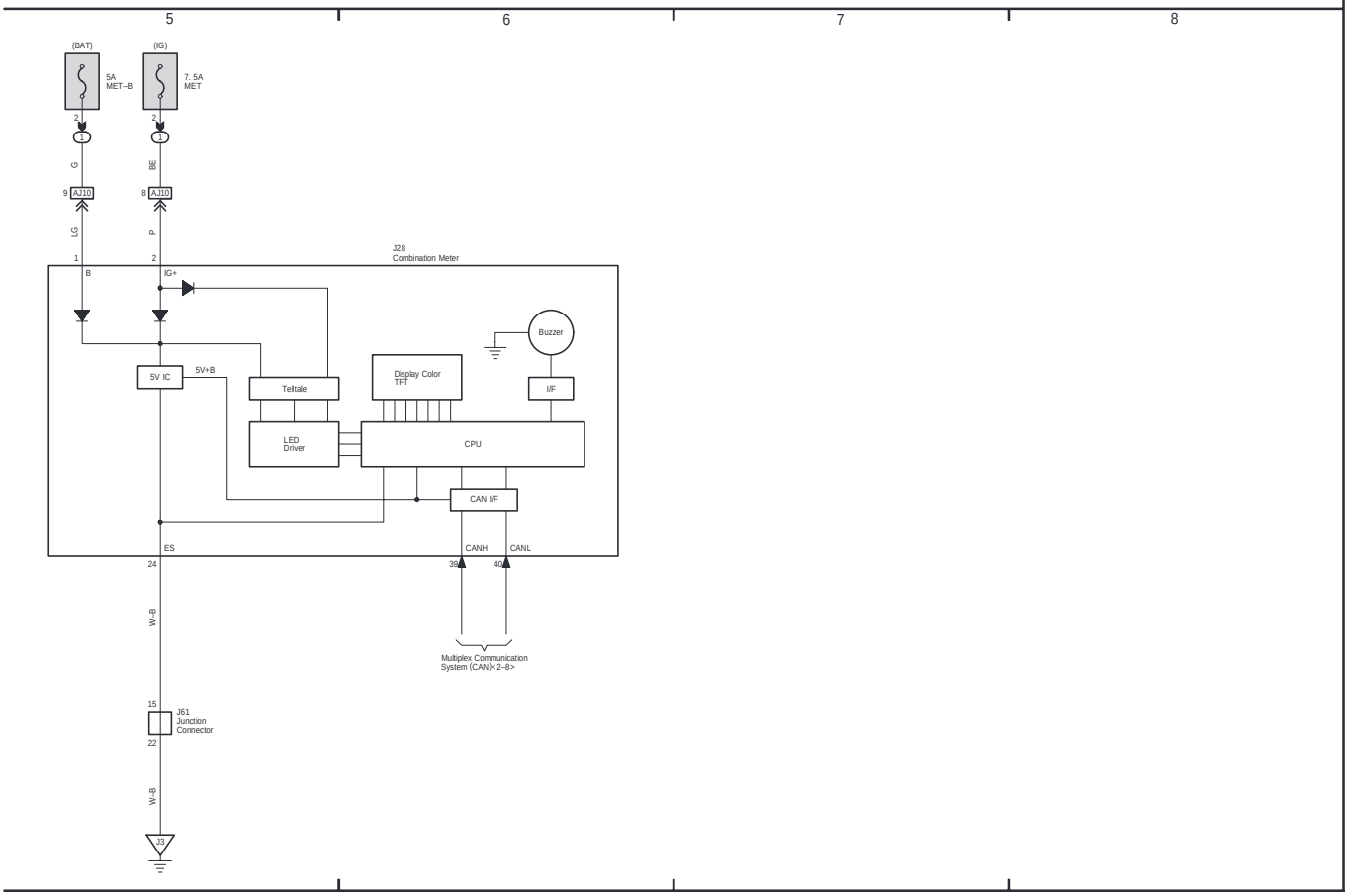

Shift Lock (Floor Shift)
Shift Lock (Column Shift)
1
2
3
4
(BAT)
(IG)
7.5A AM1
7.5A ECU-IG No. 1
47 (D5)
56 (D6)
ACC
IG1
ST1
AM1
J9 Ignition Switch
Main Body ECU<2-2>
Shift Lock Solenoid
SLS+
SLS–
P
E2
ACC
P2
IG
KLS+
E
STP
J27 Shift Lock Control ECU
A111
Stop Light Switch <8-3>
J14 Key Interlock Solenoid
J60 Junction Connector
J61 Junction Connector
J1
J2
P1
J25 Transmission Control Switch
J20 Shift Lock Control ECU


Shift Lock (Floor Shift)
Shift Lock (Column Shift)
1
2
3
4
(BAT)
(IG)
7.5A AM1
7.5A ECU-IG No. 1
47 (D5)
56 (D6)
ACC
IG1
ST1
AM1
J9 Ignition Switch
Main Body ECU<2-2>
Shift Lock Solenoid
SLS+
SLS–
P
E2
ACC
P2
IG
KLS+
E
STP
J27 Shift Lock Control ECU
A111
Stop Light Switch <8-3>
J14 Key Interlock Solenoid
J60 Junction Connector
J61 Junction Connector
J1
J2
P1
J25 Transmission Control Switch
J20 Shift Lock Control ECU

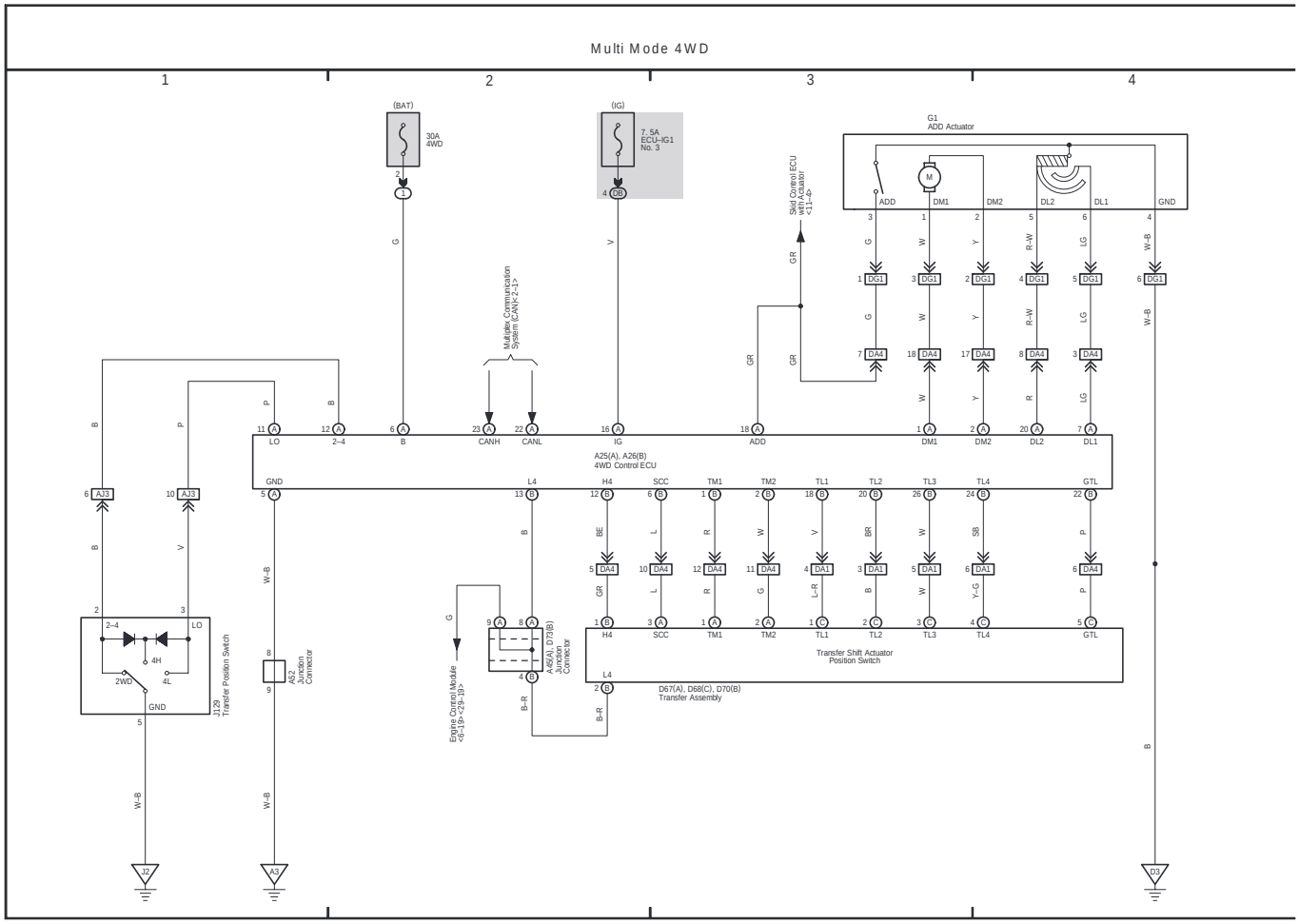
ABS, A–TRAC, Auto LSD, TRAC and VSC

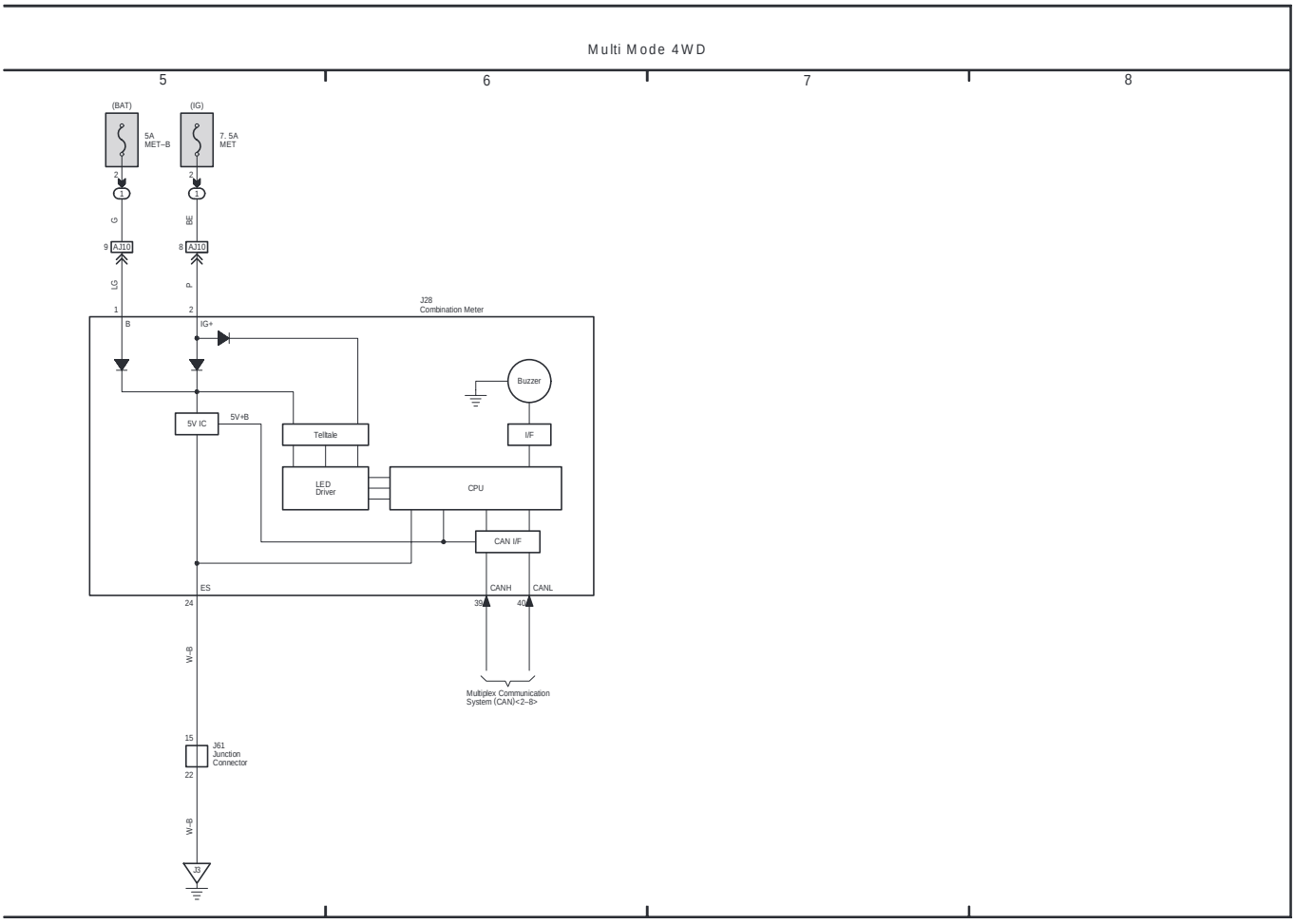


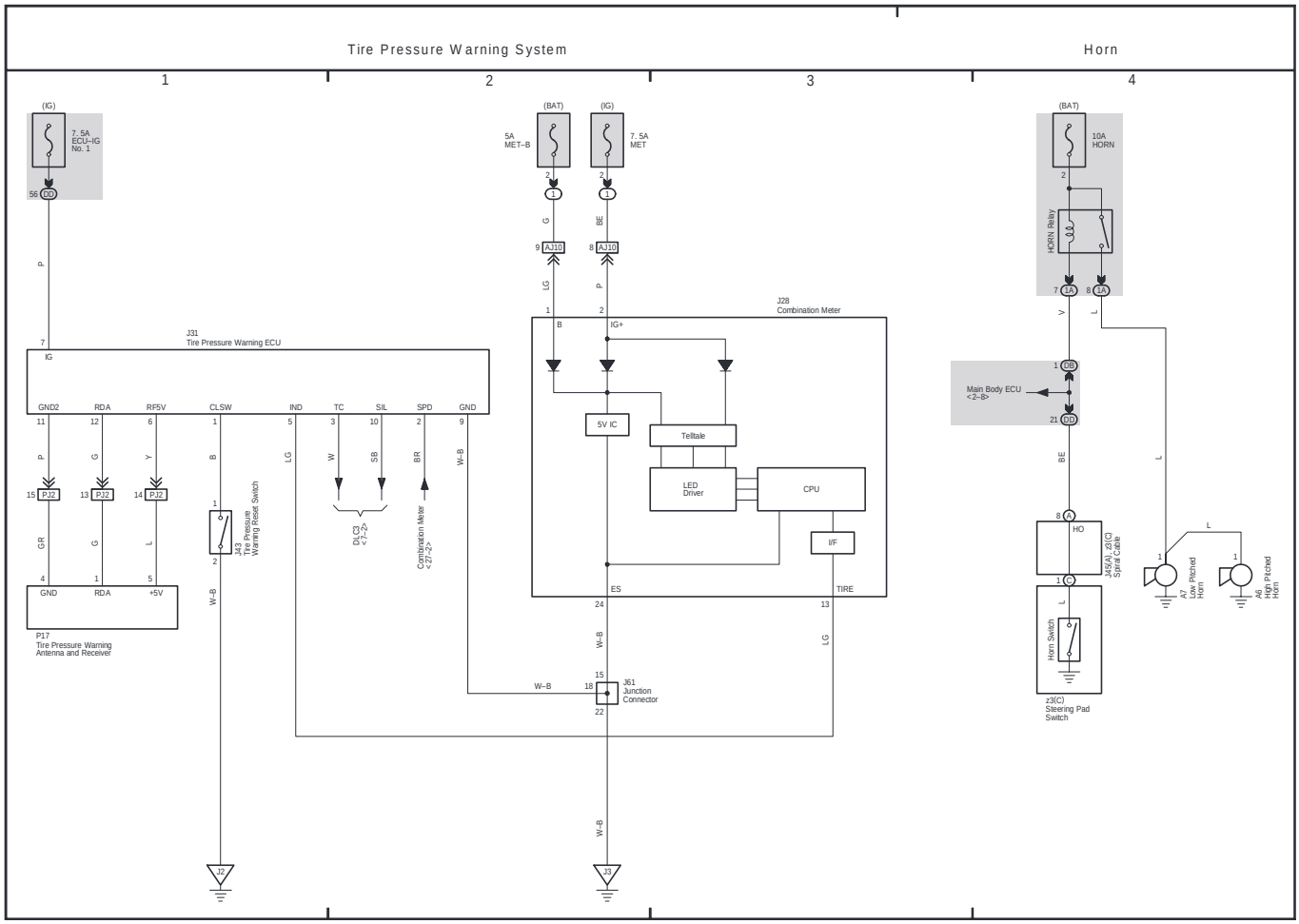
ABS, A–TRAC, Auto LSD, TRAC and VSC



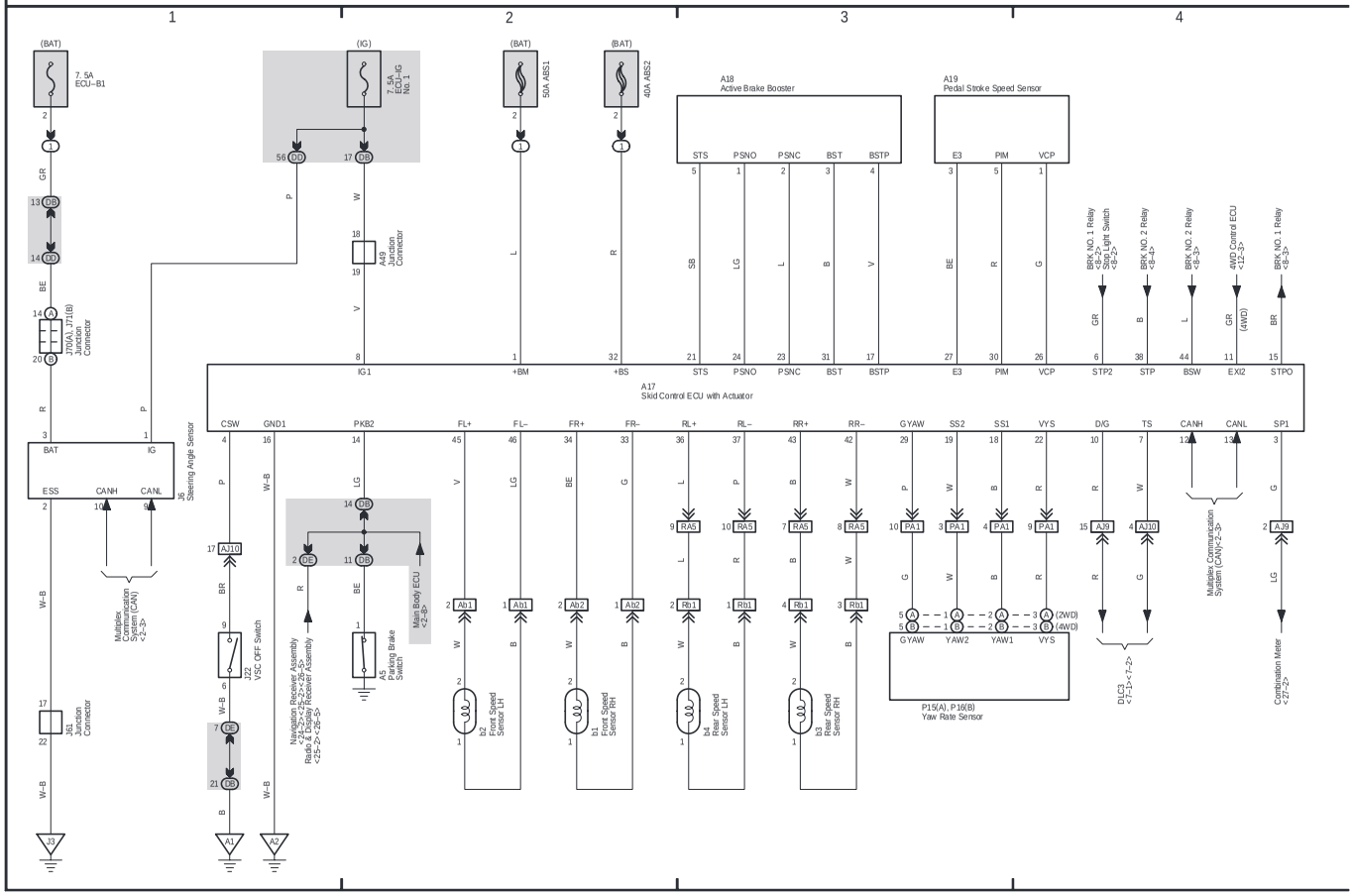
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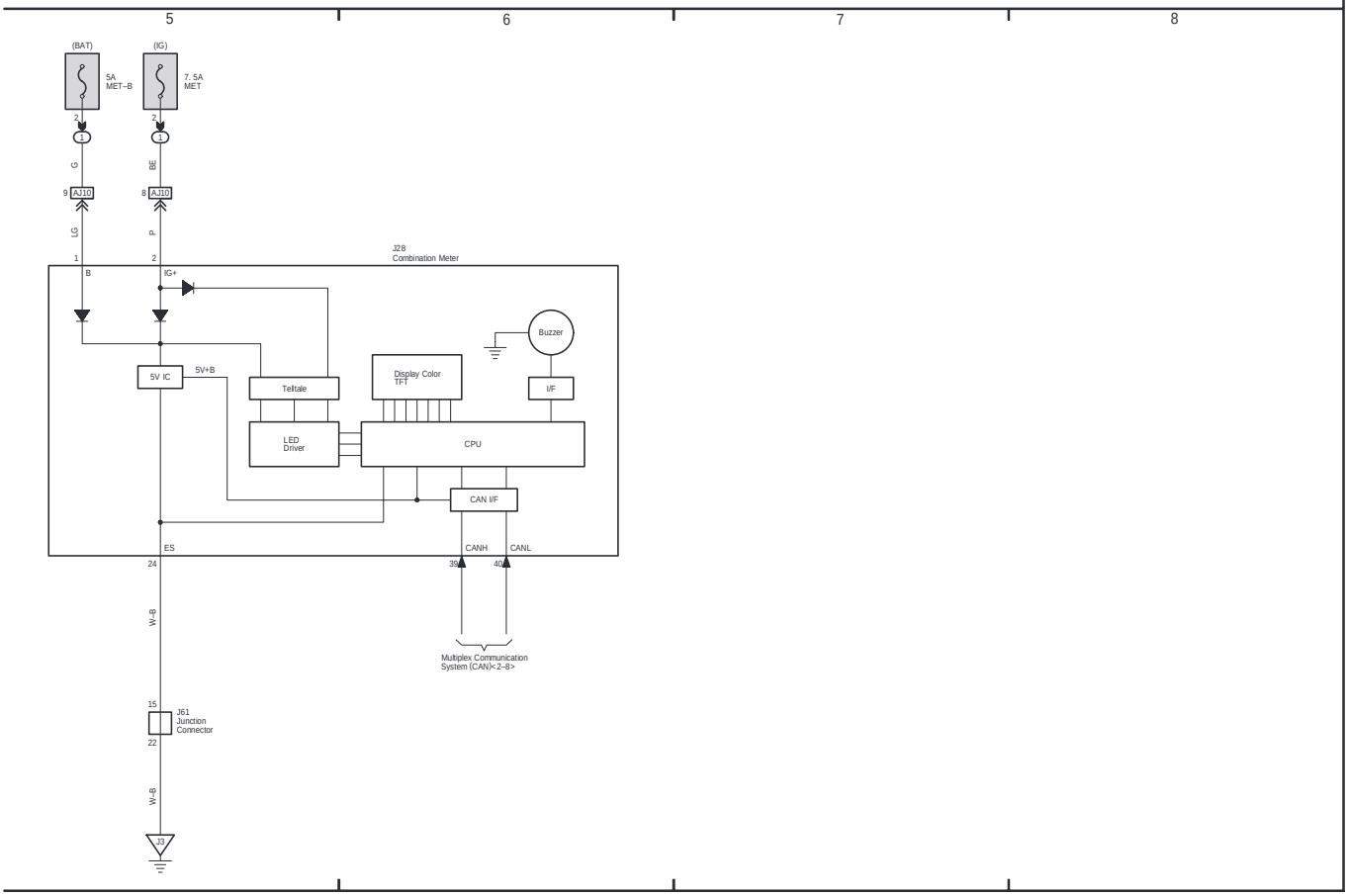

Multi Mode 4WD
5
6
7
8
(BAT)
(IG)
5A
MET-B
7. 5A
MET
2
1
G
BE
9 AJ10
8 AJ10
I/G
P
1
2
J28
Combination Meter
B
IG+
Buzzer
5V IC
5V+B
Telltale
I/F
LED
Driver
CPU
CAN I/F
ES
CANH
CANL
24
39
40
W-B
Multiplex Communication
System (CAN)<2-B>
15
J61
Junction
Connector
22
W-B


Tire Pressure Warning System
Horn
1
2
3
4
(IG)
7.5A ECU-IG No. 1
56 DD
P
7
IG
J31
Tire Pressure Warning ECU
GND2 RDA RF5V CLSW IND TC SIL SPD GND
11 12 6 1 5 3 10 2 9
P G Y B LG W SB BR W-B
15 P.J2 13 P.J2 14 P.J2
GR G L
4 1 5
GND RDA +5V
P17
Tire Pressure Warning Antenna and Receiver
1
2
S18
Tire Pressure Warning Reset Switch
W-B
J2
DLC3
<7-2>
Combination Meter
<27-2>
(BAT)
5A MET-B
(IG)
7.5A MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
Telltale
LED Driver
CPU
I/F
ES
TIRE
24
13
W-B
LG
15
18
22
J61
Junction Connector
W-B
J3
(BAT)
10A HORN
HORN Relay
7 1A
8 1A
V
L
1 DB
Main Body ECU
<2-B>
21 DD
BE
L
8 A
HO
1 C
J45(A), J3(C)
Spiral Cable
L
Horn Switch
z3(C)
Steering Pad Switch
L
1
1
A7
Low Pitched Horn
A6
High Pitched Horn

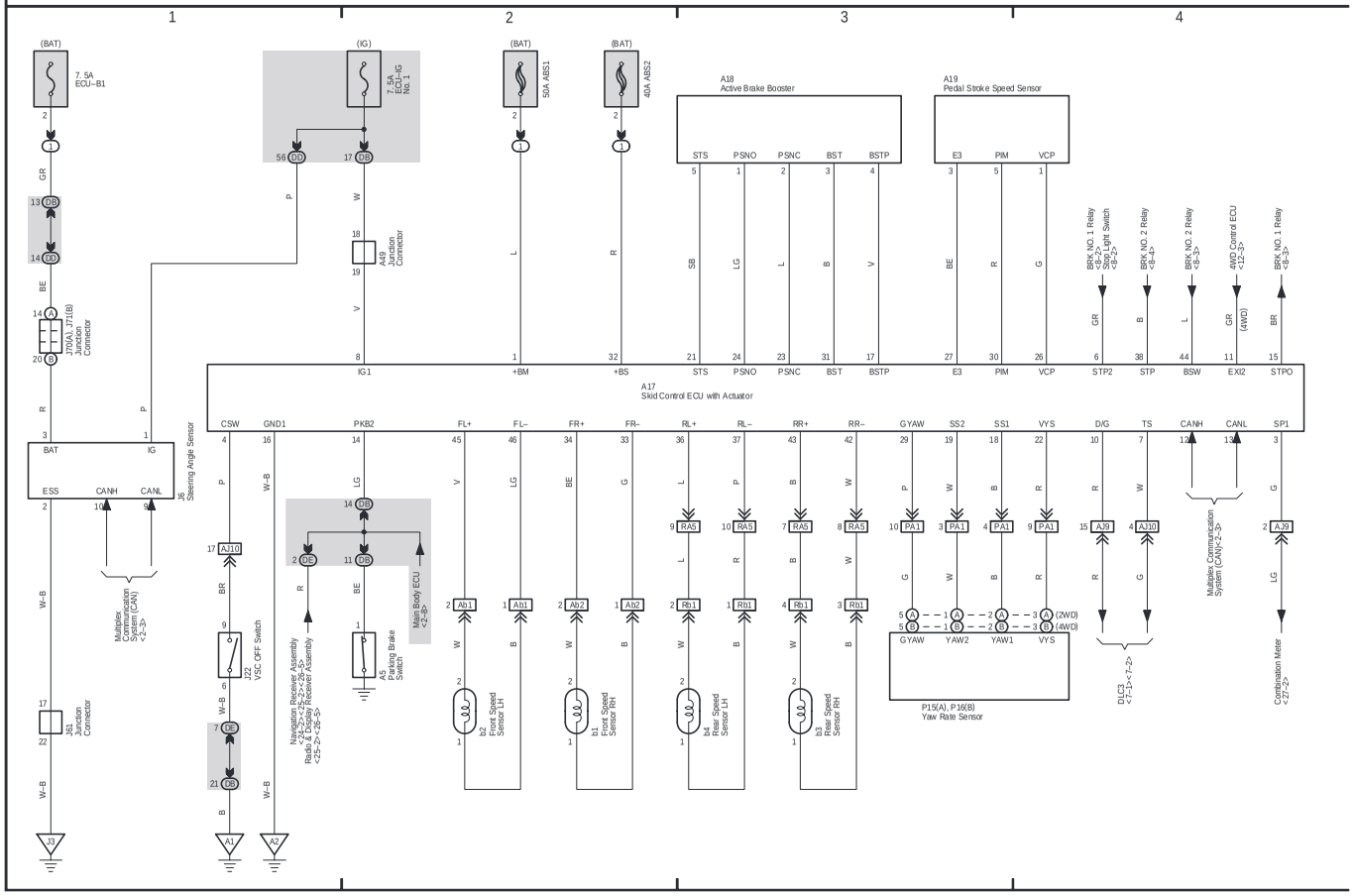
ABS, A–TRAC, Auto LSD, TRAC and VSC



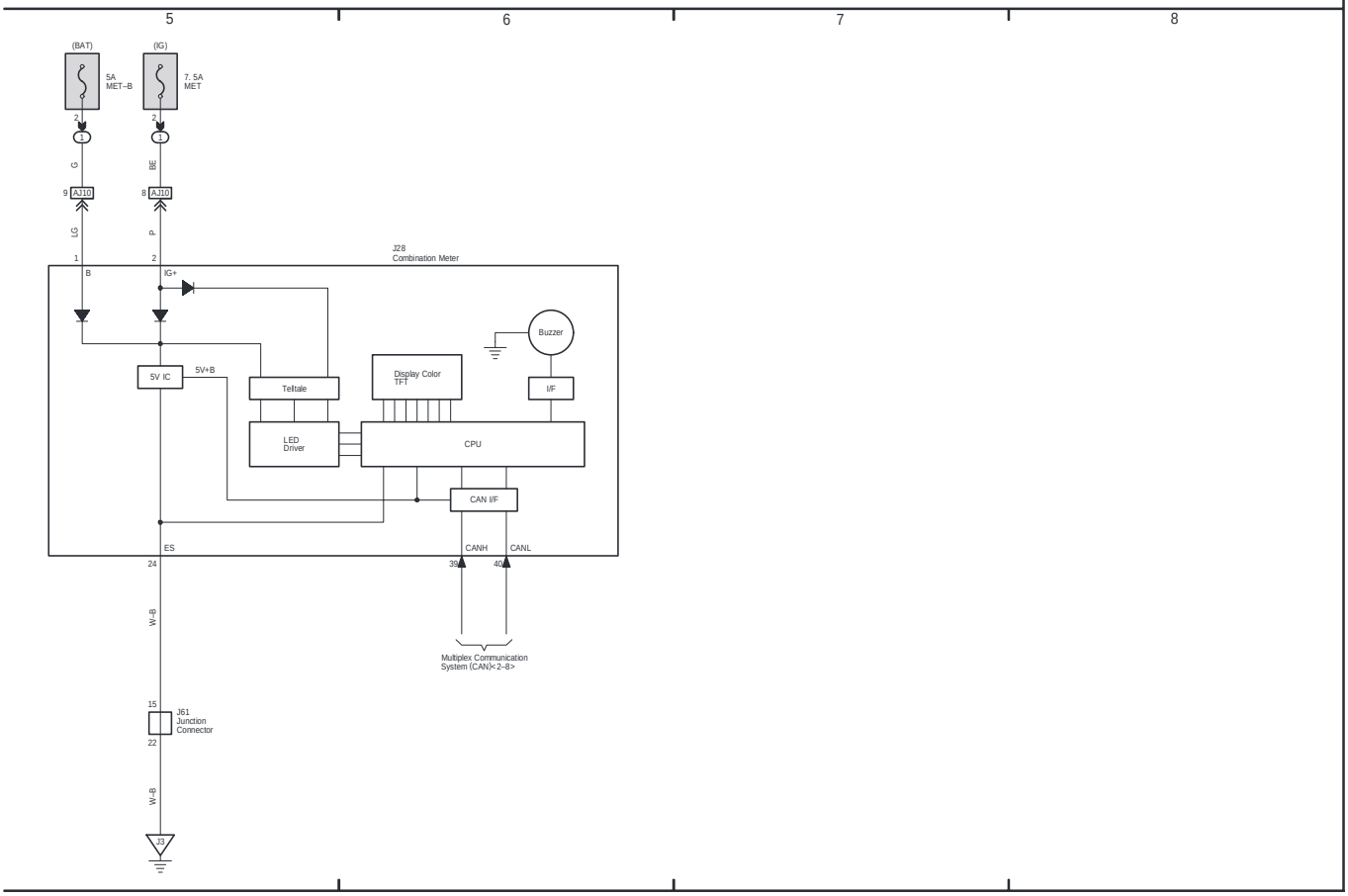
ABS, A–TRAC, Auto LSD, TRAC and VSC



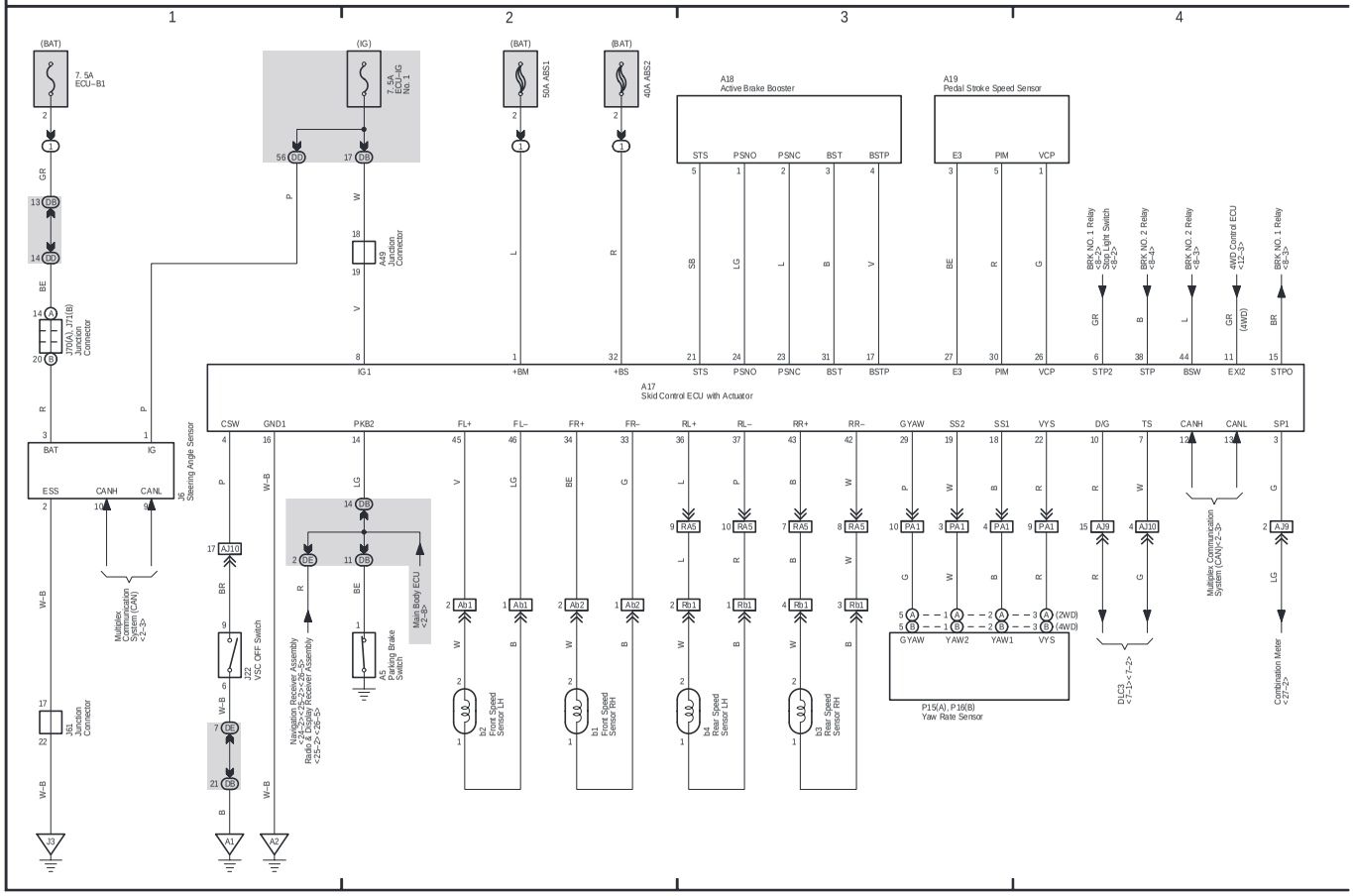
ABS, A–TRAC, Auto LSD, TRAC and VSC



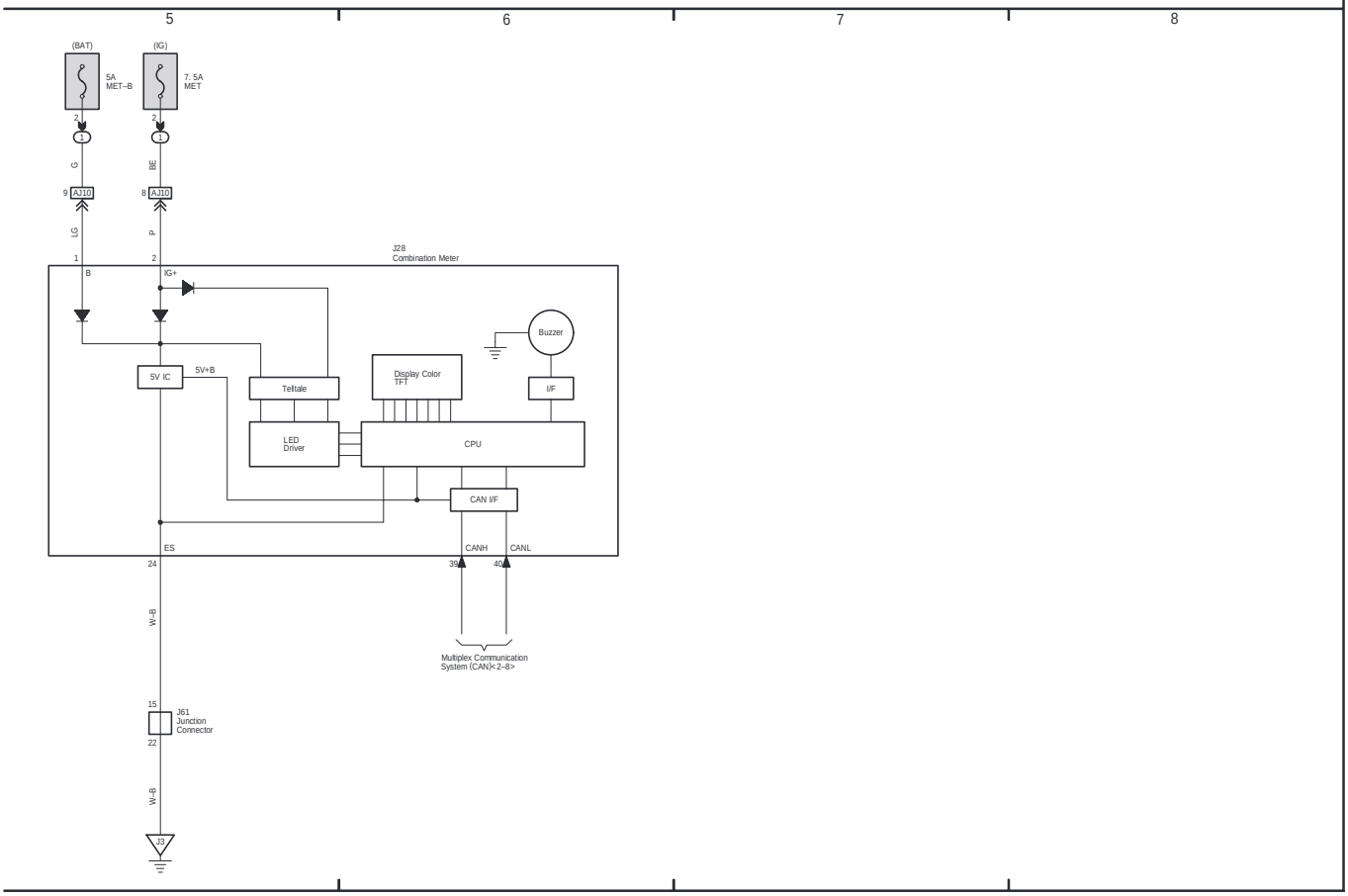
ABS, A–TRAC, Auto LSD, TRAC and VSC



ABS, A–TRAC, Auto LSD, TRAC and VSC

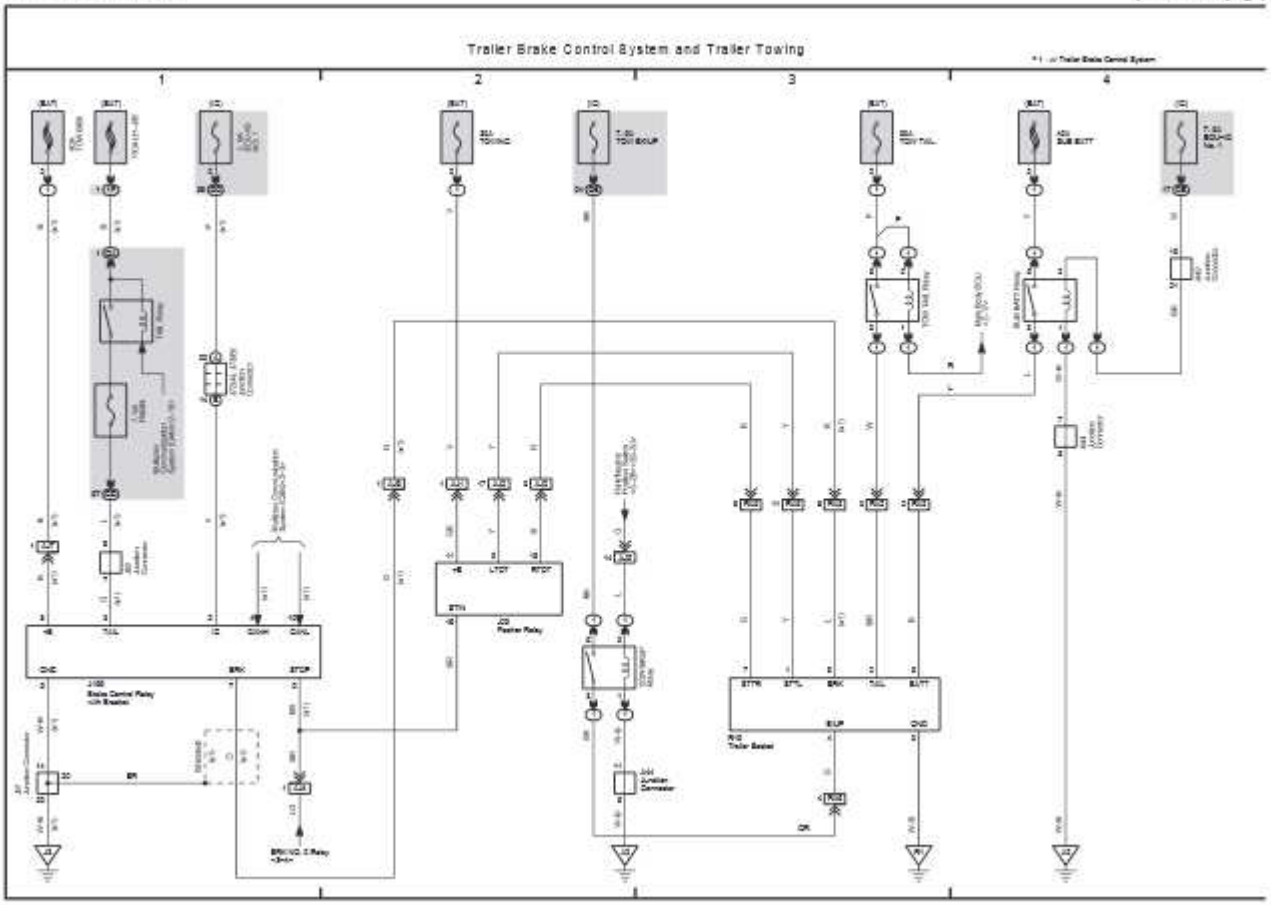


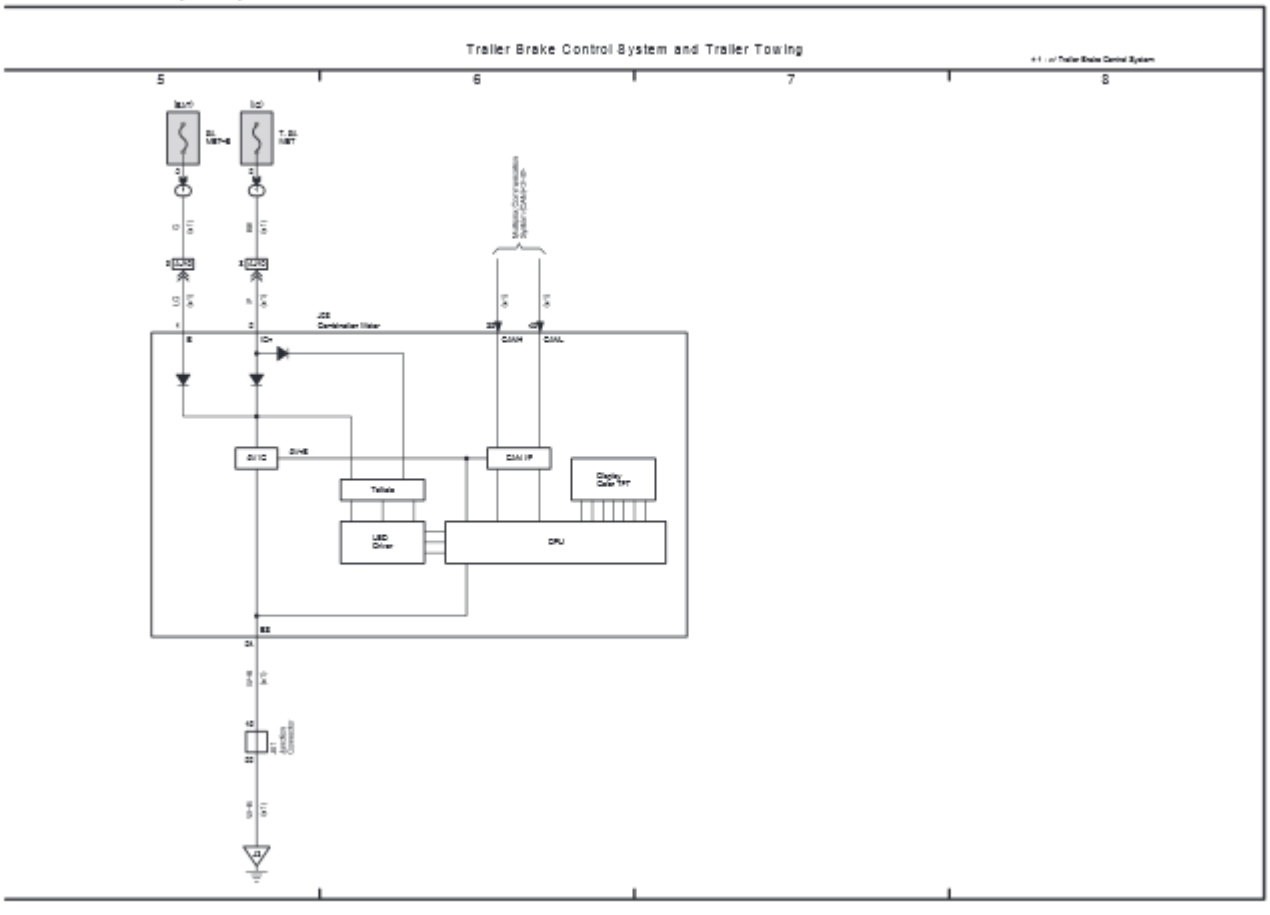
ABS, A–TRAC, Auto LSD, TRAC and VSC



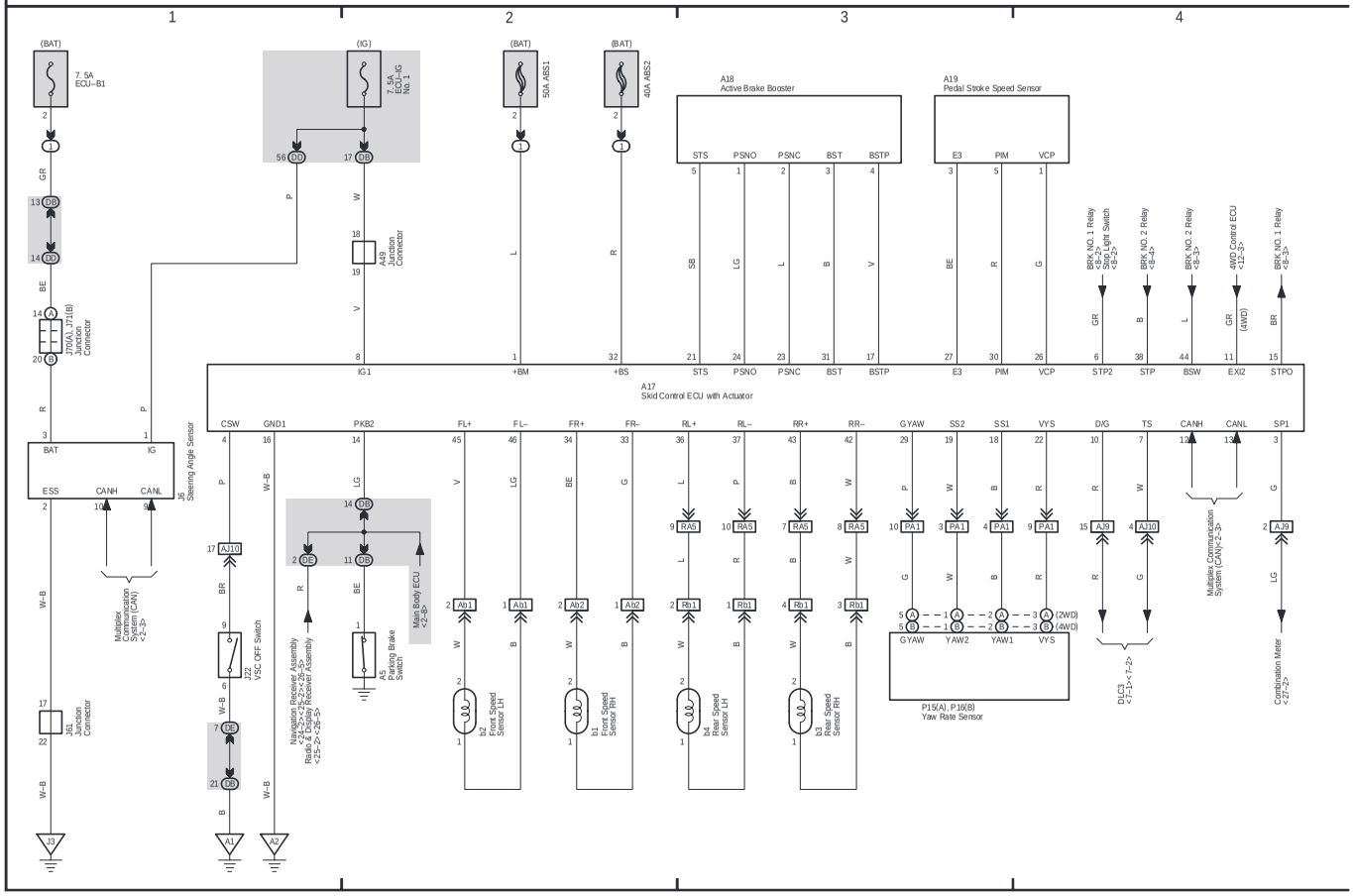
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Trailer Brake Control System and Trailer Towing

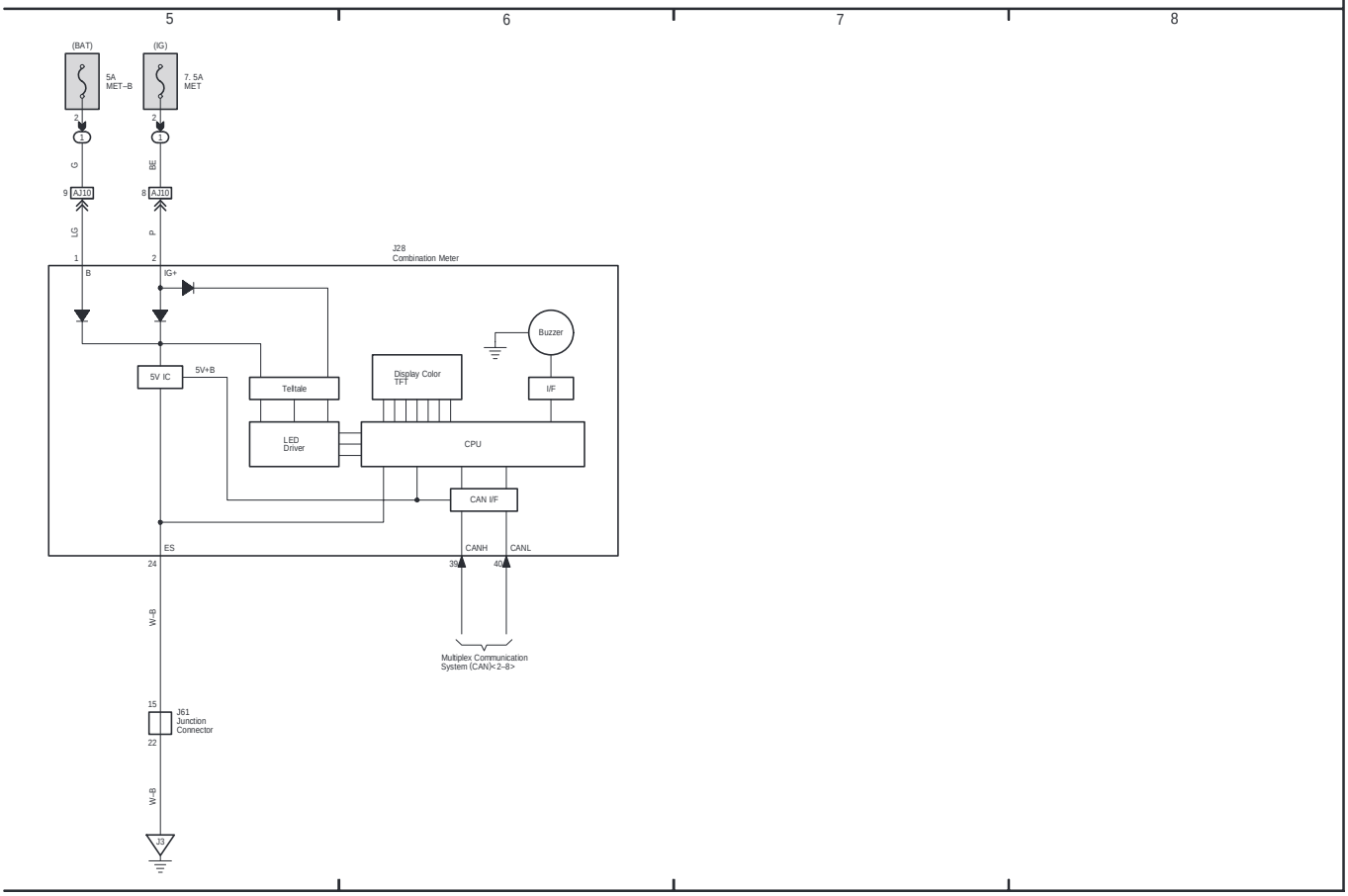


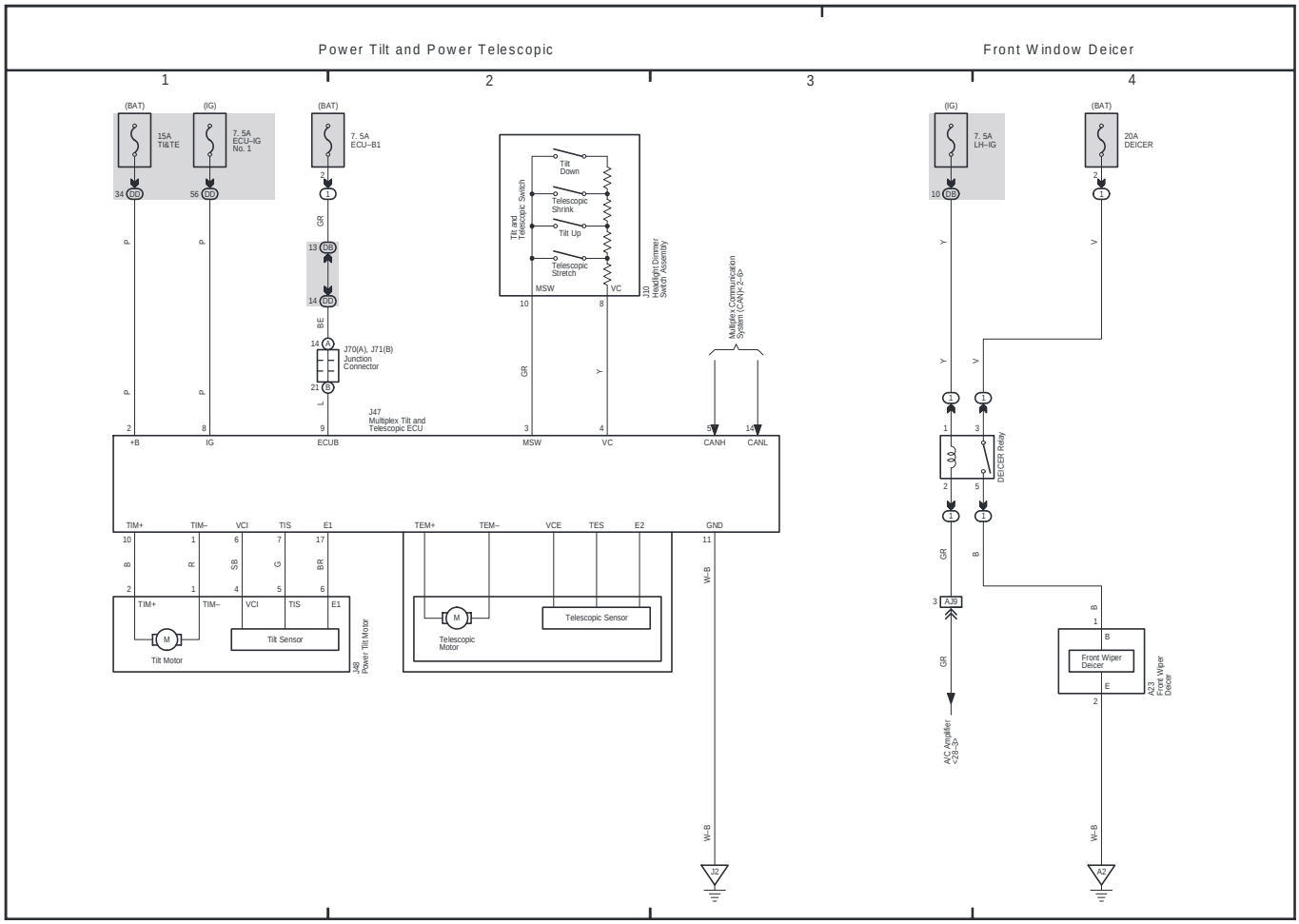

Trailer Brake Control System and Trailer Towing
5
6
7
8
J/B
Combination Meter
CAN-H
CAN-L
CAN I/F
Display
Color TFT
Tell-tale
LED
Driver
CPU
M

ABS, A–TRAC, Auto LSD, TRAC and VSC

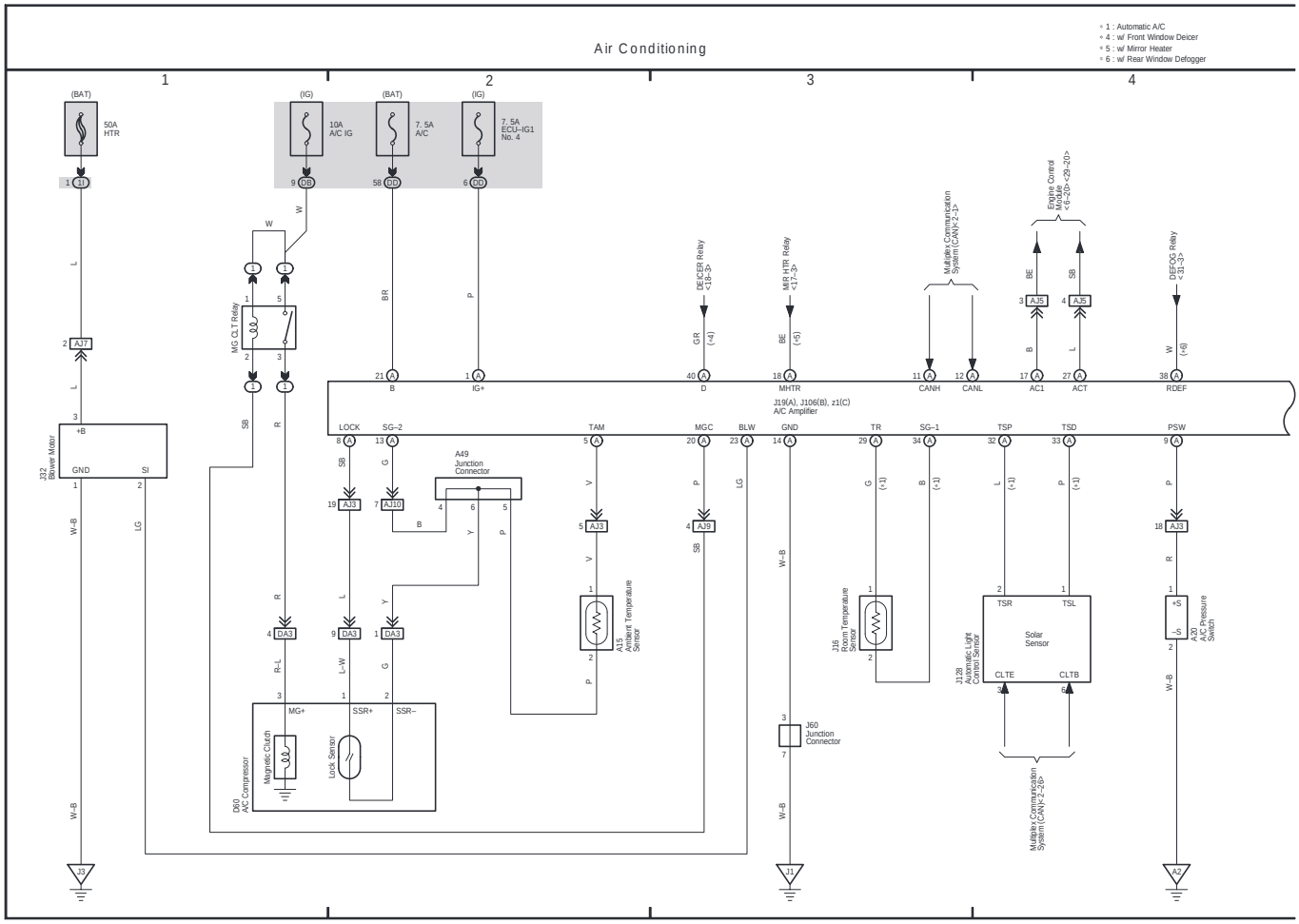


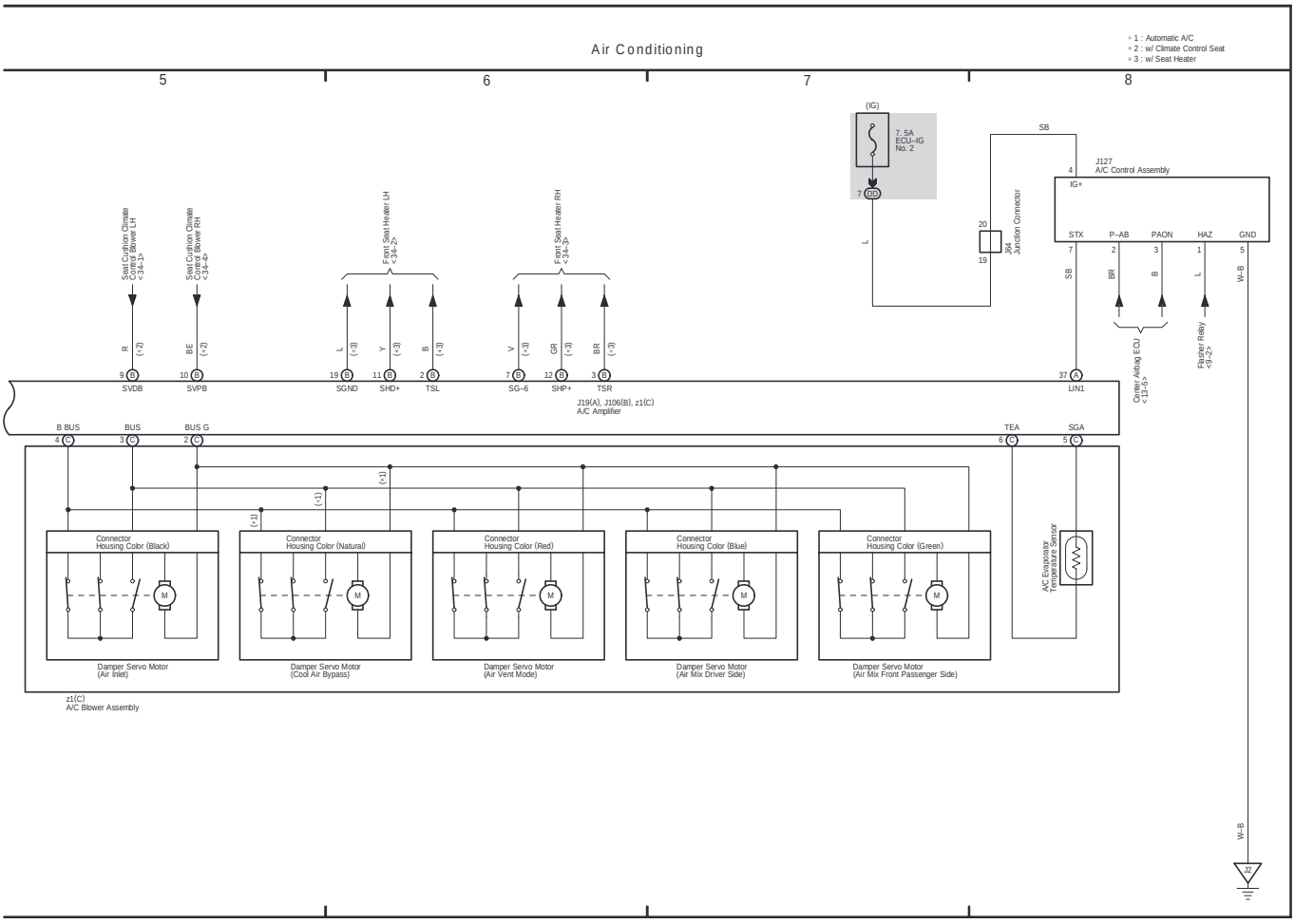
ABS, A–TRAC, Auto LSD, TRAC and VSC



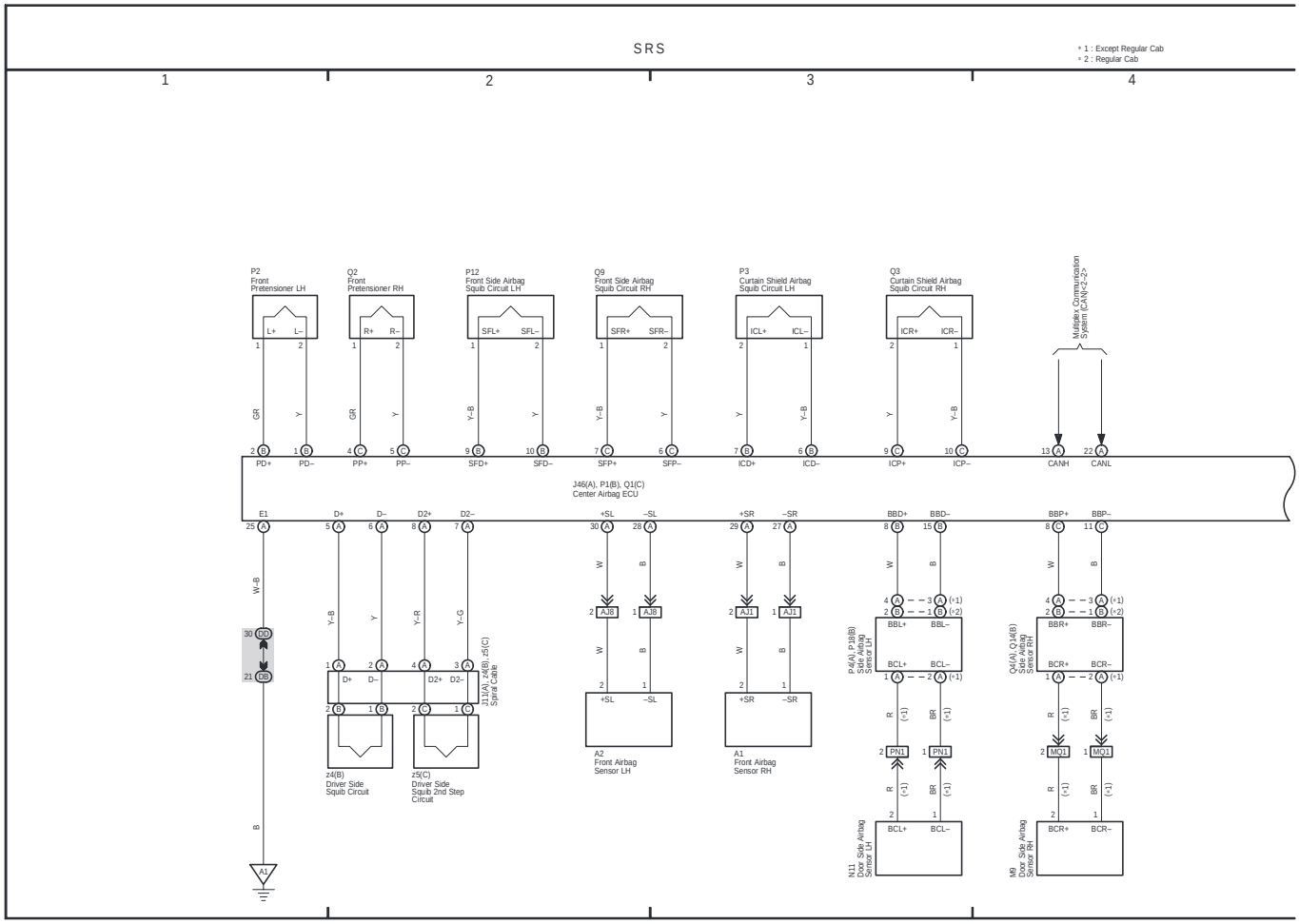

Power Tilt and Power Telescopic
Front Window Deicer
1
2
3
4
(BAT)
(IG)
15A
Tilt&TE
7. 5A
ECU–IG
No. 1
7. 5A
ECU–B1
Tilt
Down
Telescopic
Shrink
Tilt Up
Telescopic
Stretch
Tilt and
Telescopic Switch
MSW
VC
J10
Headlight Dimmer
Switch Assembly
Multiplex Communication
System (CAN) -C-B-
J70(A), J71(B)
Junction
Connector
J47
Multiplex Tilt and
Telescopic ECU
+B
IG
ECUB
MSW
VC
CANH
CANL
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
GND
Tilt Motor
Tilt Sensor
Telescopic
Motor
Telescopic Sensor
J48
Power Tilt Motor
W–B
7. 5A
LH–IG
20A
DEICER
DEICER Relay
A35
Front Wiper
Deicer
A23
Front Wiper
Deicer
A/C Amplifier
-C18-B-
A2

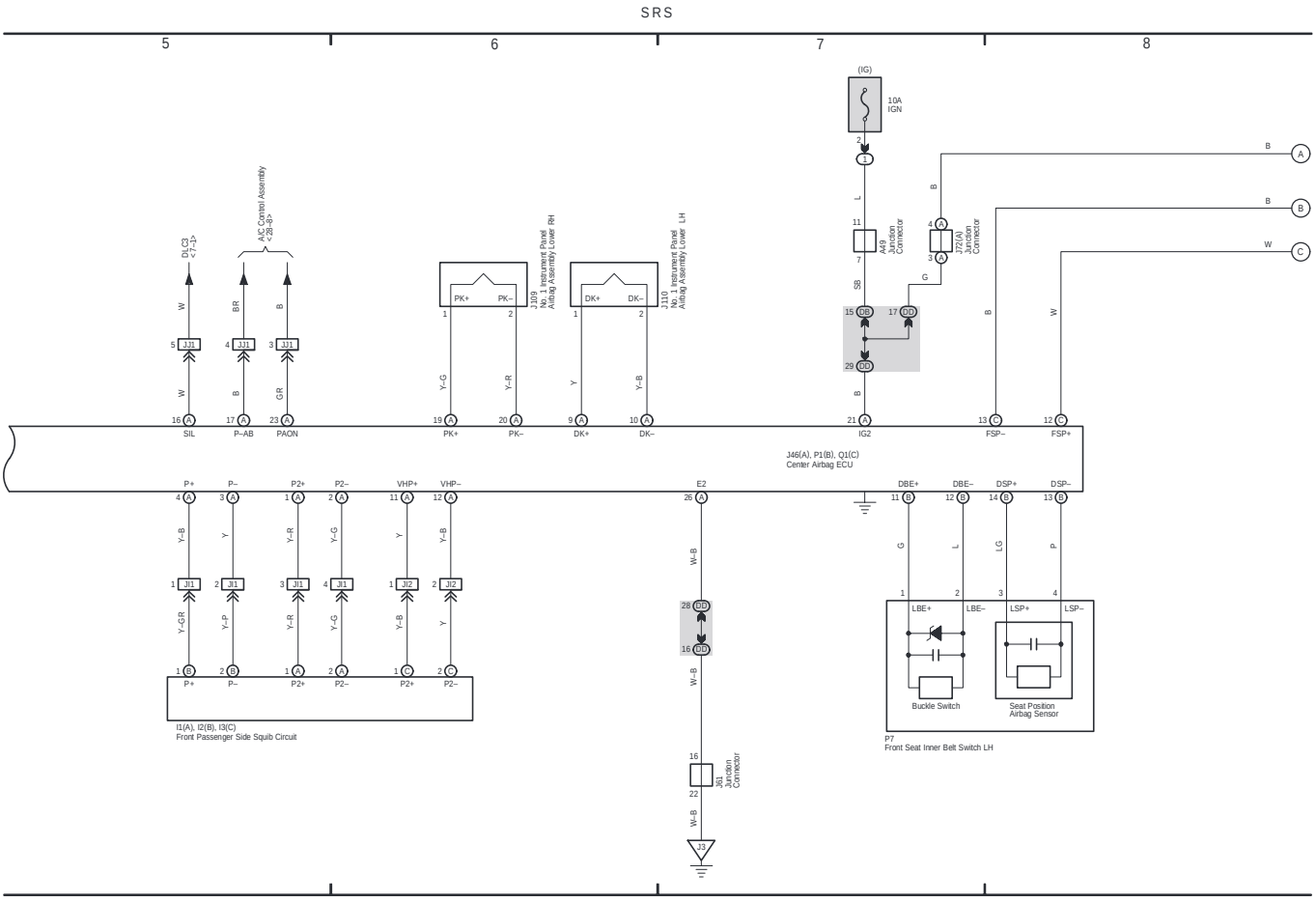
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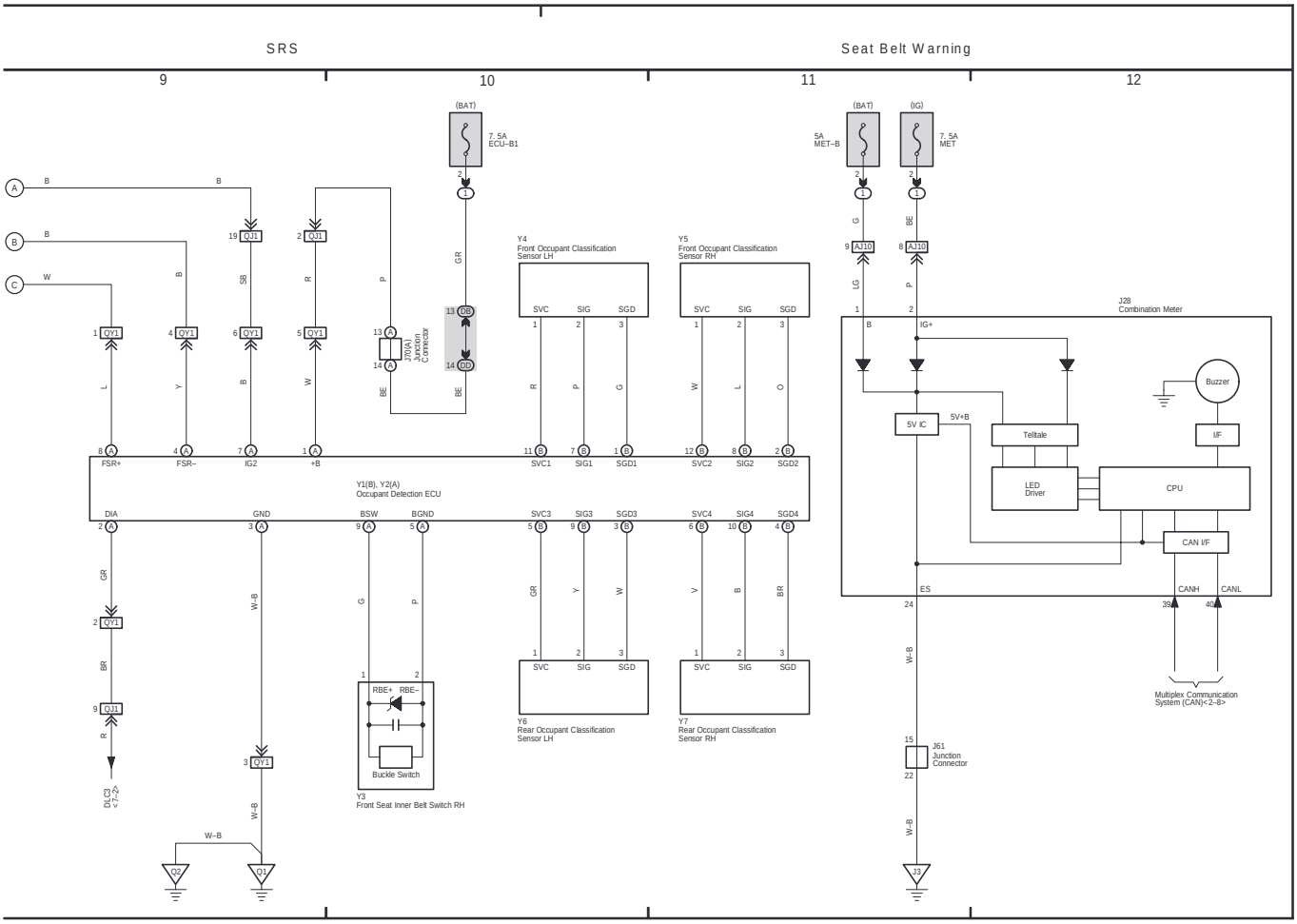

Air Conditioning
* 1 : Automatic A/C
* 2 : w/ Climate Control Seat
* 3 : w/ Seat Heater
5
6
7
8
(IG)
7.5A
ECU–IG
No. 2
7 DB
L
SB
J127
A/C Control Assembly
4
IG+
20
19
J04
Junction Connector
STX
P–AB
PAON
HAZ
GND
7
2
3
1
5
SB
BR
B
L
W–B
Seat Cushion Climate
Control Blower LH
<34–1>
Seat Cushion Climate
Control Blower RH
<34–4>
Front Seat Heater LH
<34–2>
Front Seat Heater RH
<34–5>
R
BE
L
Y
B
V
GR
BR
(–2)
(–3)
9 B
SVDB
10 B
SVPB
19 B
SGND
11 B
SHD+
2 B
TSL
7 B
SG–6
12 B
SHP+
3 B
TSR
37 A
LIN1
Center Airbag ECU
<13–5>
Flasher Relay
<9–2>
J19(A), J106(B), z1(C)
A/C Amplifier
B BUS
BUS
BUS G
TEA
SGA
4 C
3 C
2 C
6 C
5 C
(+1)
Connector
Housing Color (Black)
Connector
Housing Color (Natural)
Connector
Housing Color (Red)
Connector
Housing Color (Blue)
Connector
Housing Color (Green)
M
A/C Evaporator
Temperature Sensor
Damper Servo Motor
(Air Inlet)
Damper Servo Motor
(Cool Air Bypass)
Damper Servo Motor
(Air Vent Mode)
Damper Servo Motor
(Air Mix Driver Side)
Damper Servo Motor
(Air Mix Front Passenger Side)
z1(C)
A/C Blower Assembly
W–B
32

(Cont. next page)

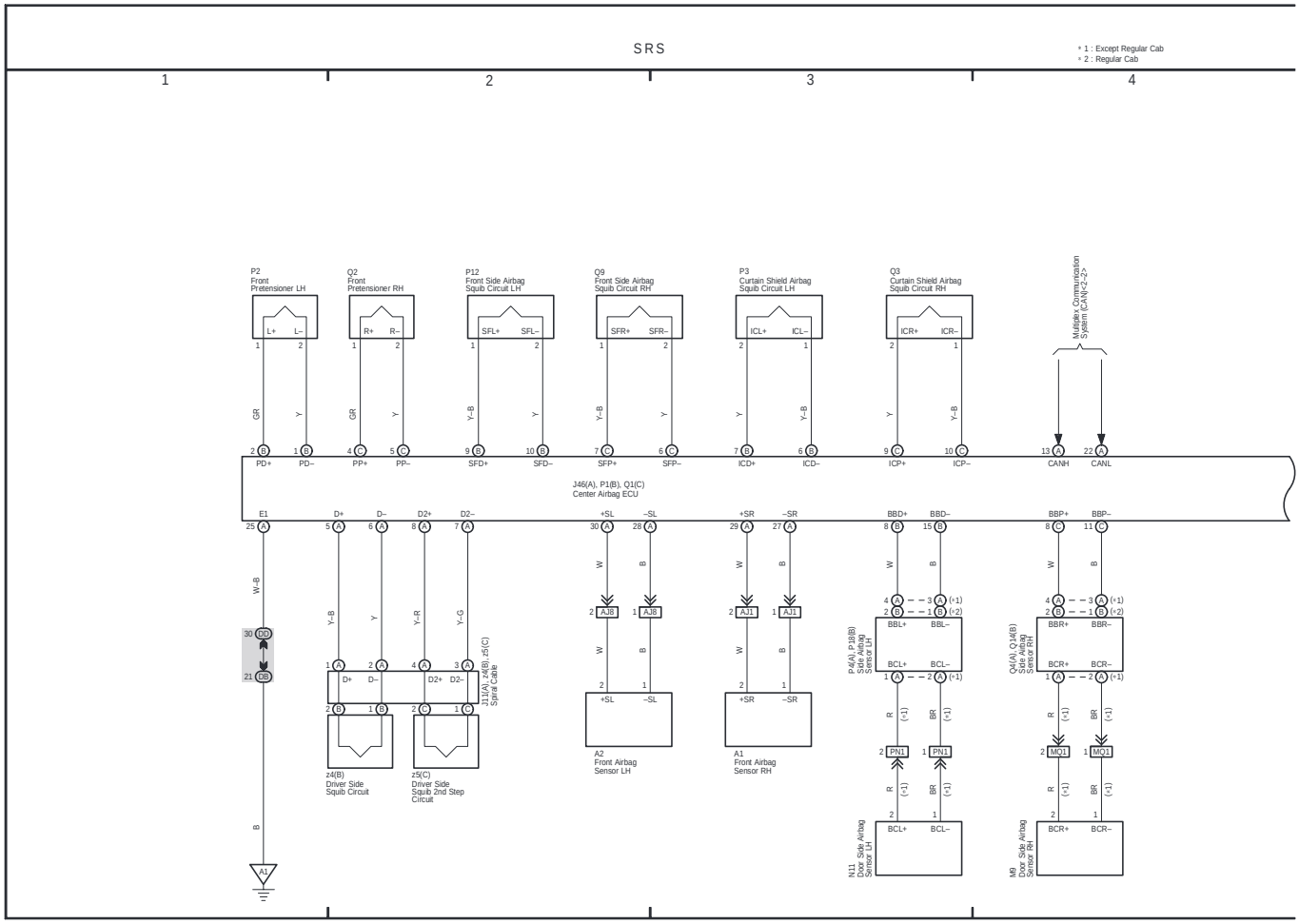


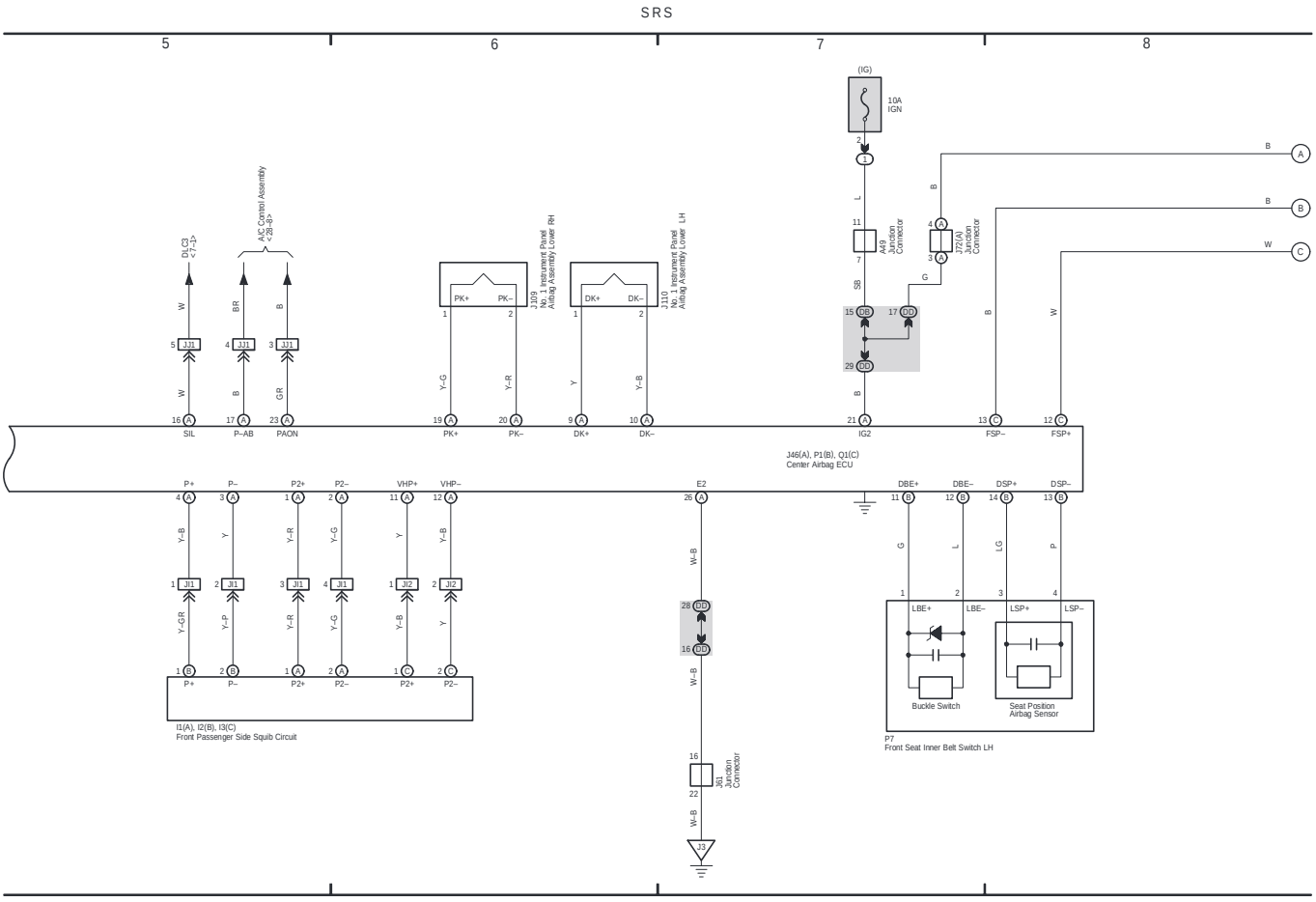

SRS
5
6
7
8
(IG)
10A
IGN
DLC3
<7>, <13>
A/C Control Assembly
<28-8>
J109
No. 1 Instrument Panel
Airbag Assembly Lower RH
J110
No. 1 Instrument Panel
Airbag Assembly Lower LH
A49
Junction
Connector
J72(A)
Junction
Connector
SIL
P–AB
PAON
PK+
PK–
DK+
DK–
IG2
FSP–
FSP+
J46(A), P1(B), Q1(C)
Center Airbag ECU
P+
P–
P2+
P2–
VHP+
VHP–
E2
DBE+
DBE–
DSP+
DSP–
I1(A), I2(B), I3(C)
Front Passenger Side Squib Circuit
LBE+
LBE–
LSP+
LSP–
Buckle Switch
Seat Position
Airbag Sensor
P7
Front Seat Inner Belt Switch LH
J61
Junction
Connector

13 TOYOTA TUNDRA (Cont' d)

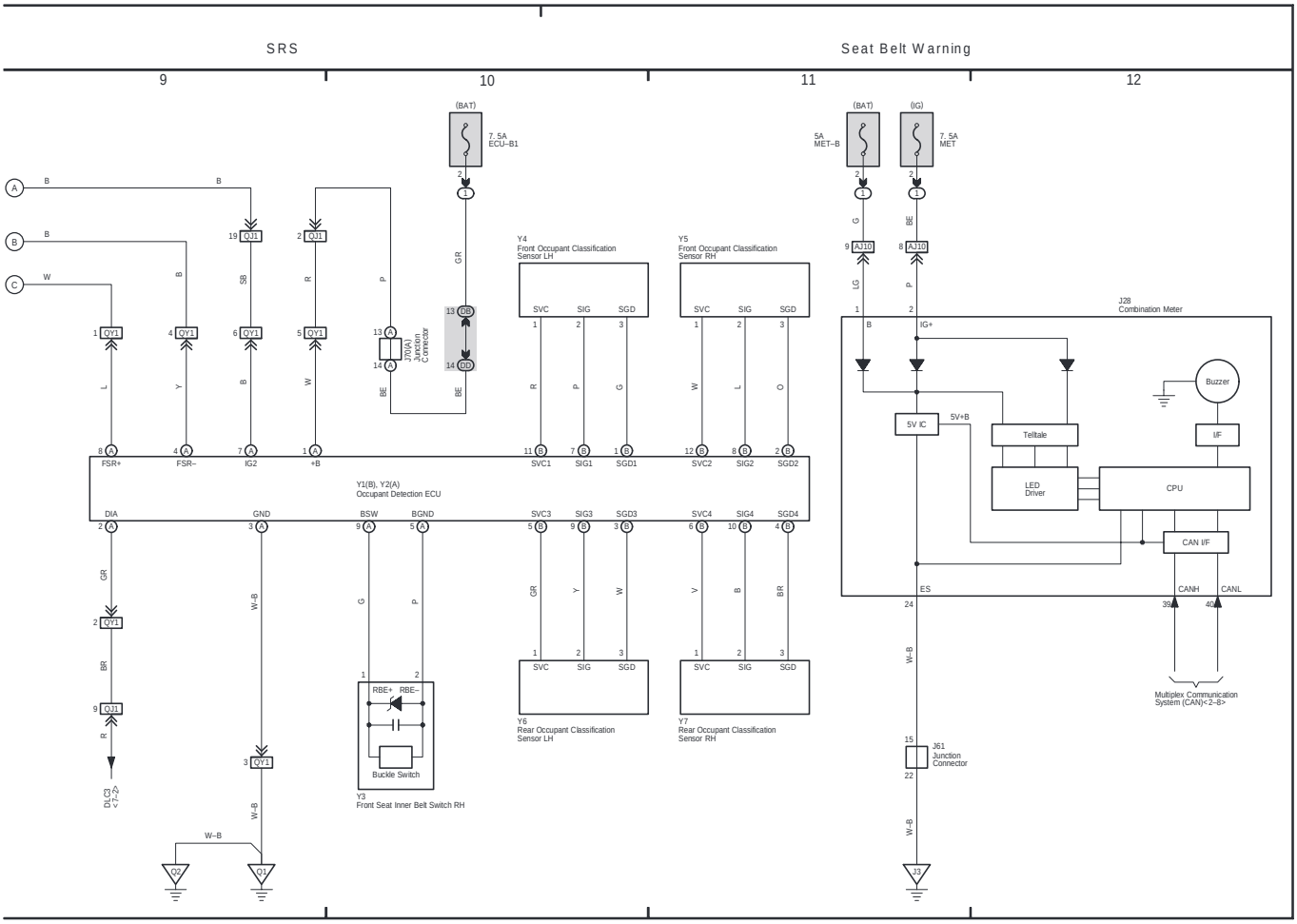


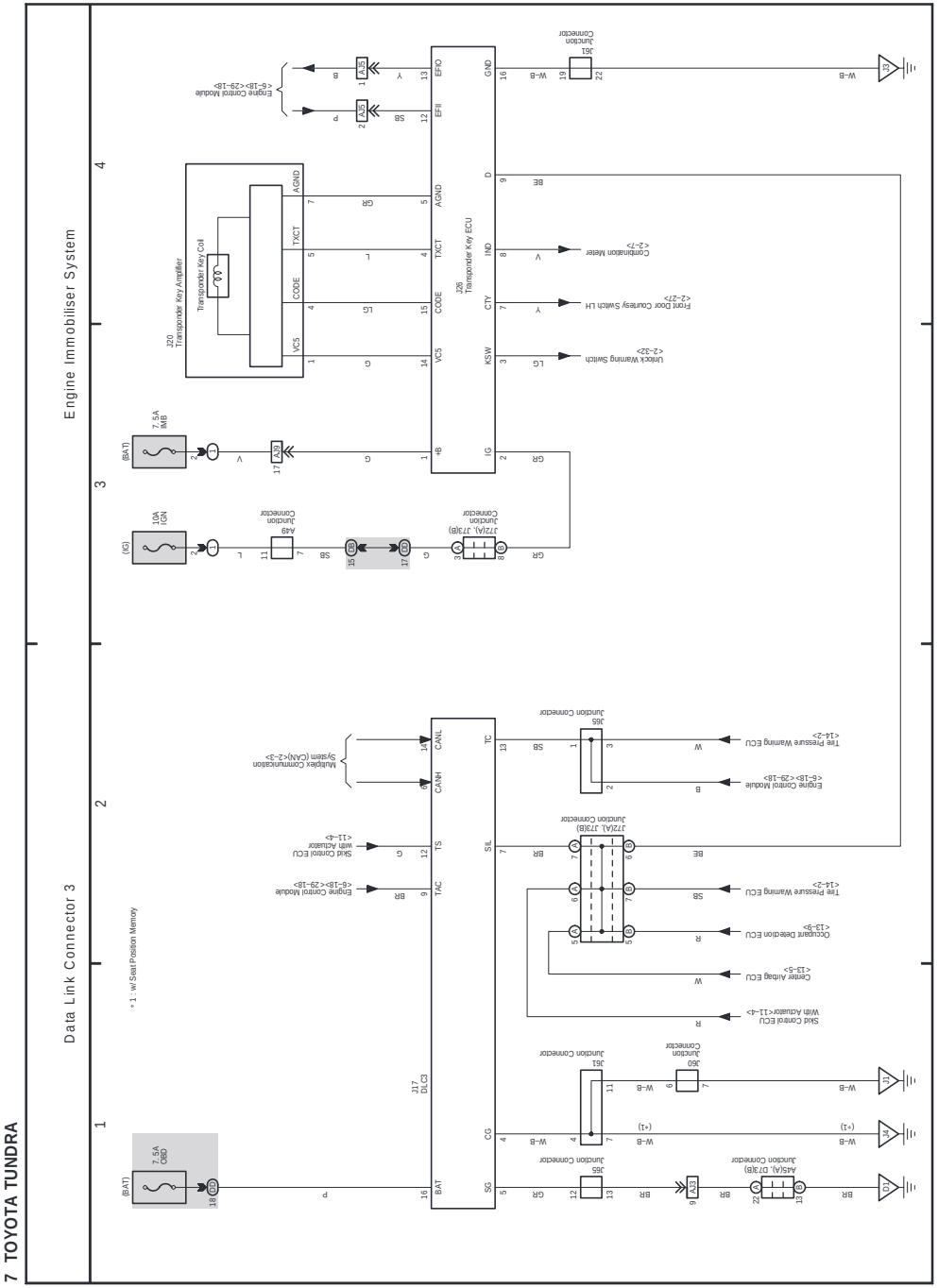
(Cont. next page)




SRS
5
6
7
8
(IG)
10A
IGN
DLC3
<7>, <13>
A/C Control Assembly
<28-8>
J109
No. 1 Instrument Panel
Airbag Assembly Lower RH
J110
No. 1 Instrument Panel
Airbag Assembly Lower LH
A49
Junction
Connector
J72(A)
Junction
Connector
SIL
P–AB
PAON
PK+
PK–
DK+
DK–
IG2
FSP–
FSP+
J46(A), P1(B), Q1(C)
Center Airbag ECU
P+
P–
P2+
P2–
VHP+
VHP–
E2
DBE+
DBE–
DSP+
DSP–
I1(A), I2(B), I3(C)
Front Passenger Side Squib Circuit
LBE+
LBE–
LSP+
LSP–
Buckle Switch
Seat Position
Airbag Sensor
P7
Front Seat Inner Belt Switch LH
J61
Junction
Connector

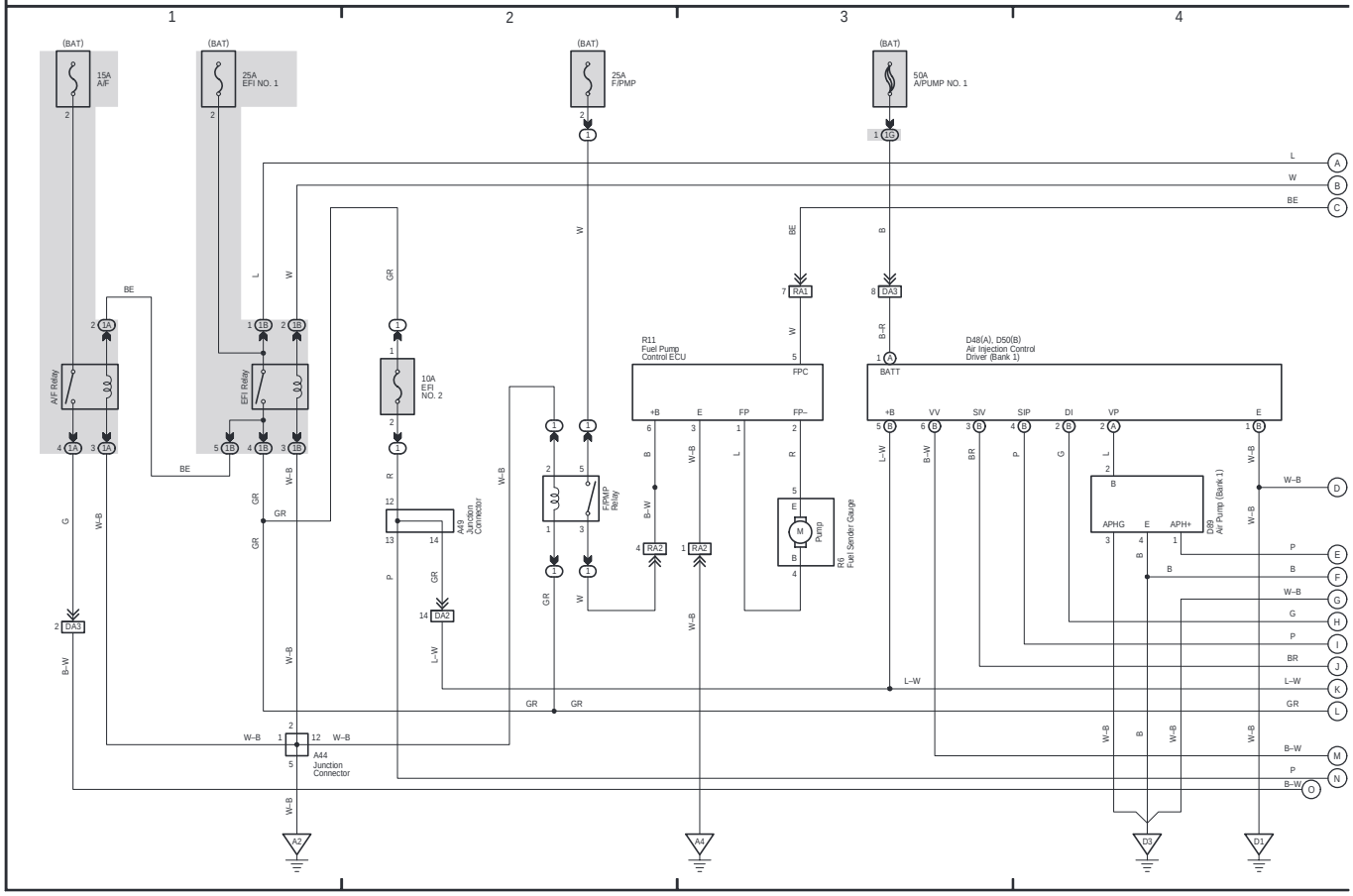
13 TOYOTA TUNDRA (Cont' d)



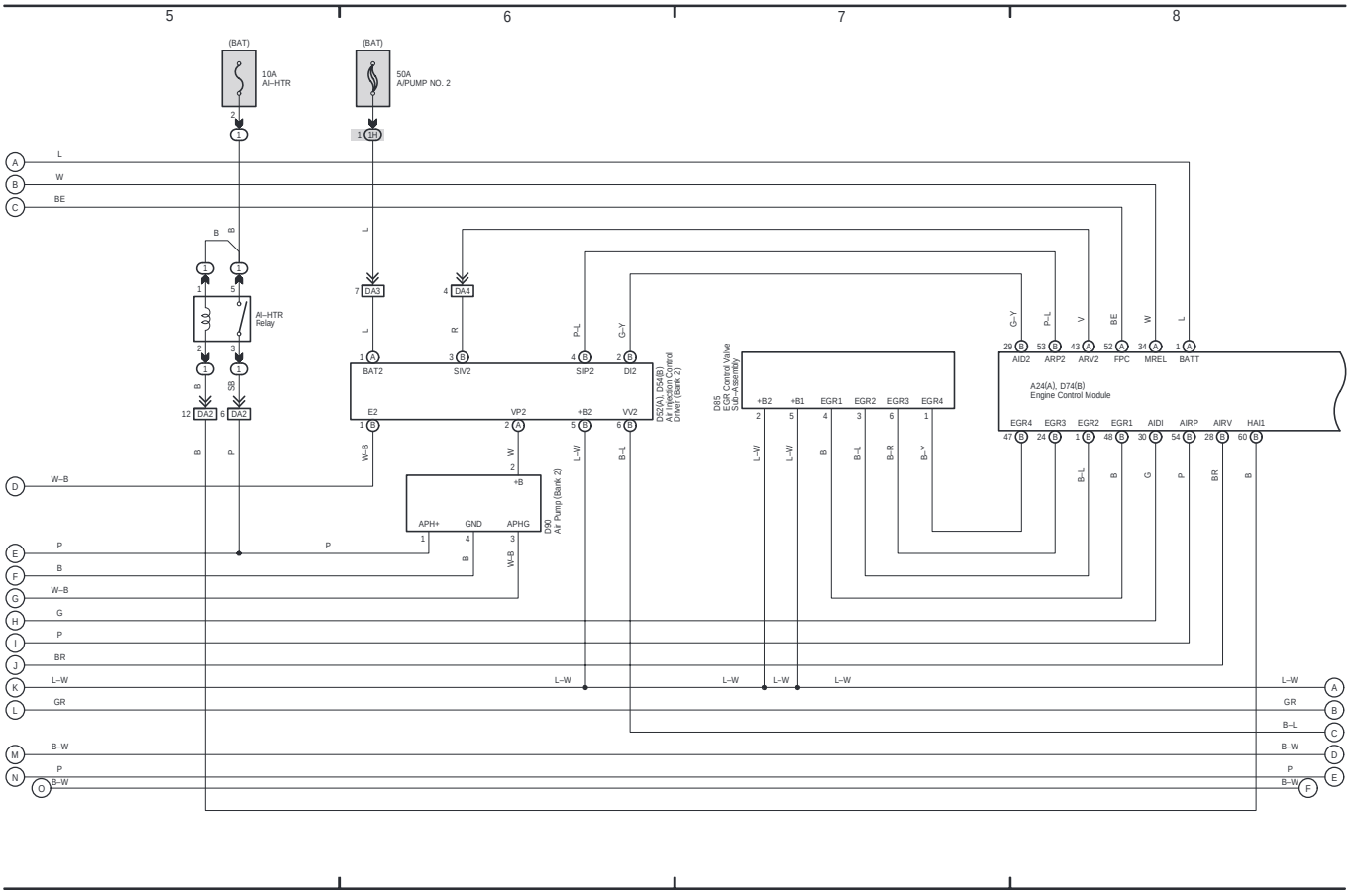

7 TOYOTA TUNDRA
Engine Immobiliser System
Data Link Connector 3
1
2
3
4
* 1 : w/ Seat Position Memory
(BAT)
7.5A
OBD
(IG)
10A
IGN
7.5A
IMB
J17
DLC3
BAT
SIG
CG
CANL
CANH
TS
TAC
TC
SIL
J20
Transponder Key Amplifier
Transponder Key Coil
CODE
TXCT
AGND
VCS
J26
Transponder Key ECU
EFI0
EFI1
GND
IND
CTY
KSW
IG
Junction Connector
J61
J65
J72(A), J73(B)
A45(A), D73(B)
A49
A20
A21
A23
Engine Control Module
<6-18>,<29-18>
Multiplex Communication System (CAN)<2-5>
Skid Control ECU with Actuator
<11-4>
Combination Meter
<2-7>
Front Door Courtesy Switch LH
<2-27>
Unlock Warning Switch
<2-32>
Tire Pressure Warning ECU
<14-2>
Occupant Detection ECU
<13-9>
Center Airbag ECU
<13-5>
Skid Control ECU
With Actuator<11-4>
J3
J4
J11
J12

(Cont. next page)

Engine Control (1UR–FE)

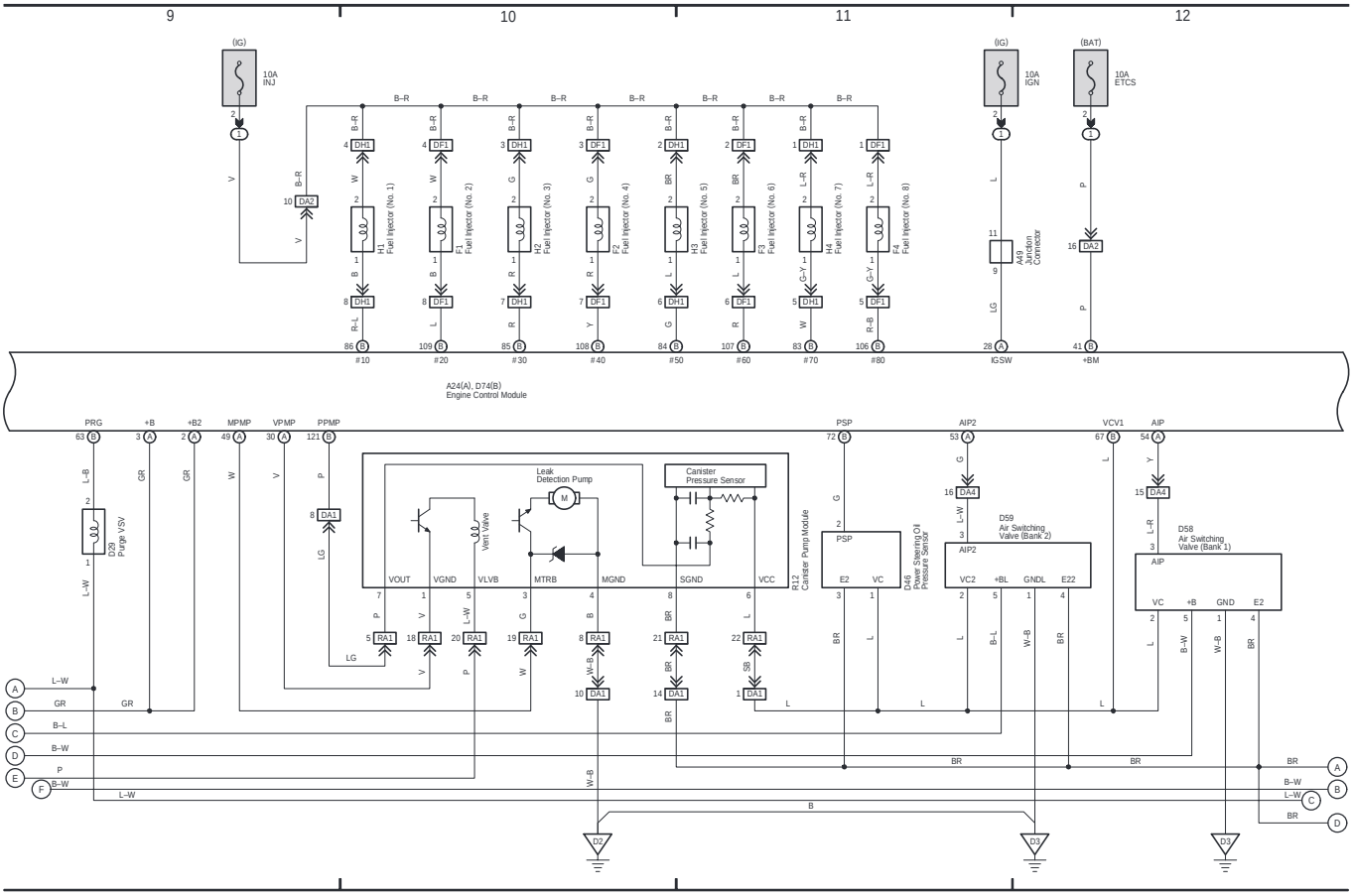


Engine Control (1UR–FE)



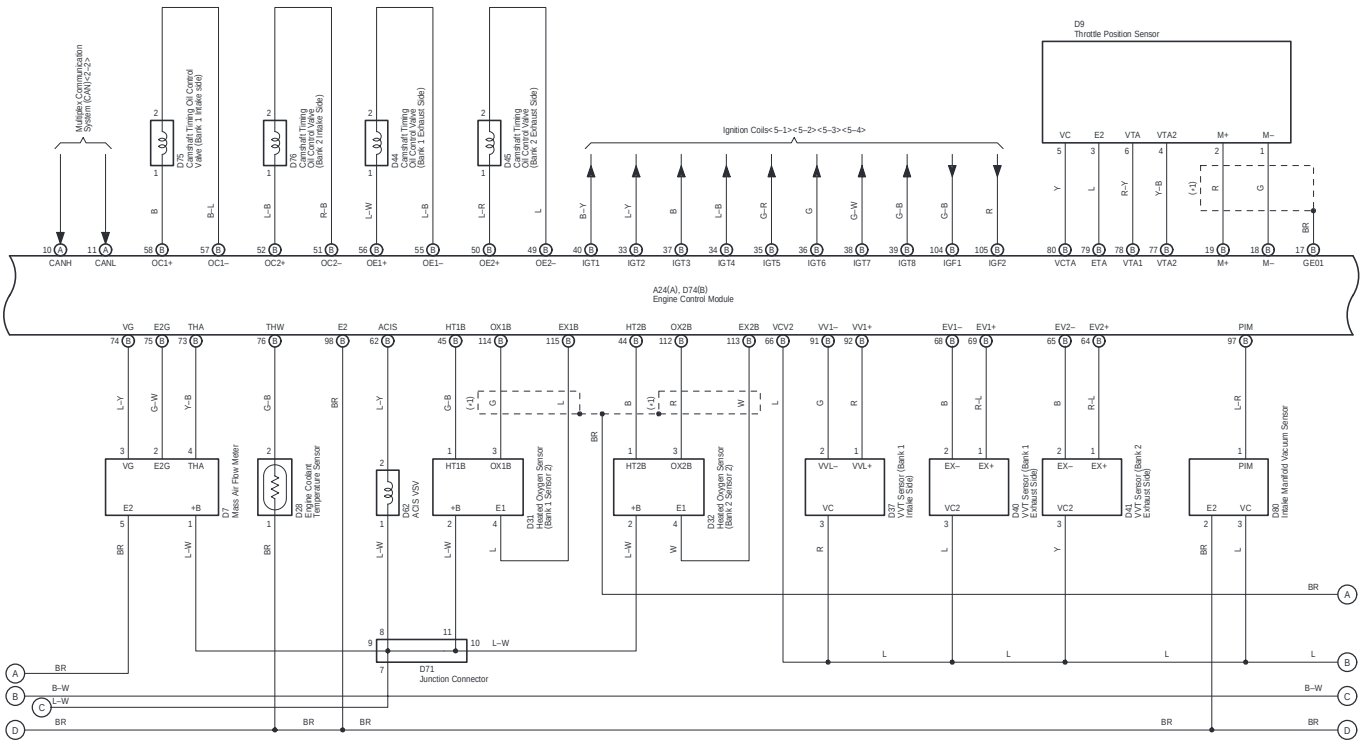
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Engine Control (1UR–FE)



Engine Control (1UR–FE)

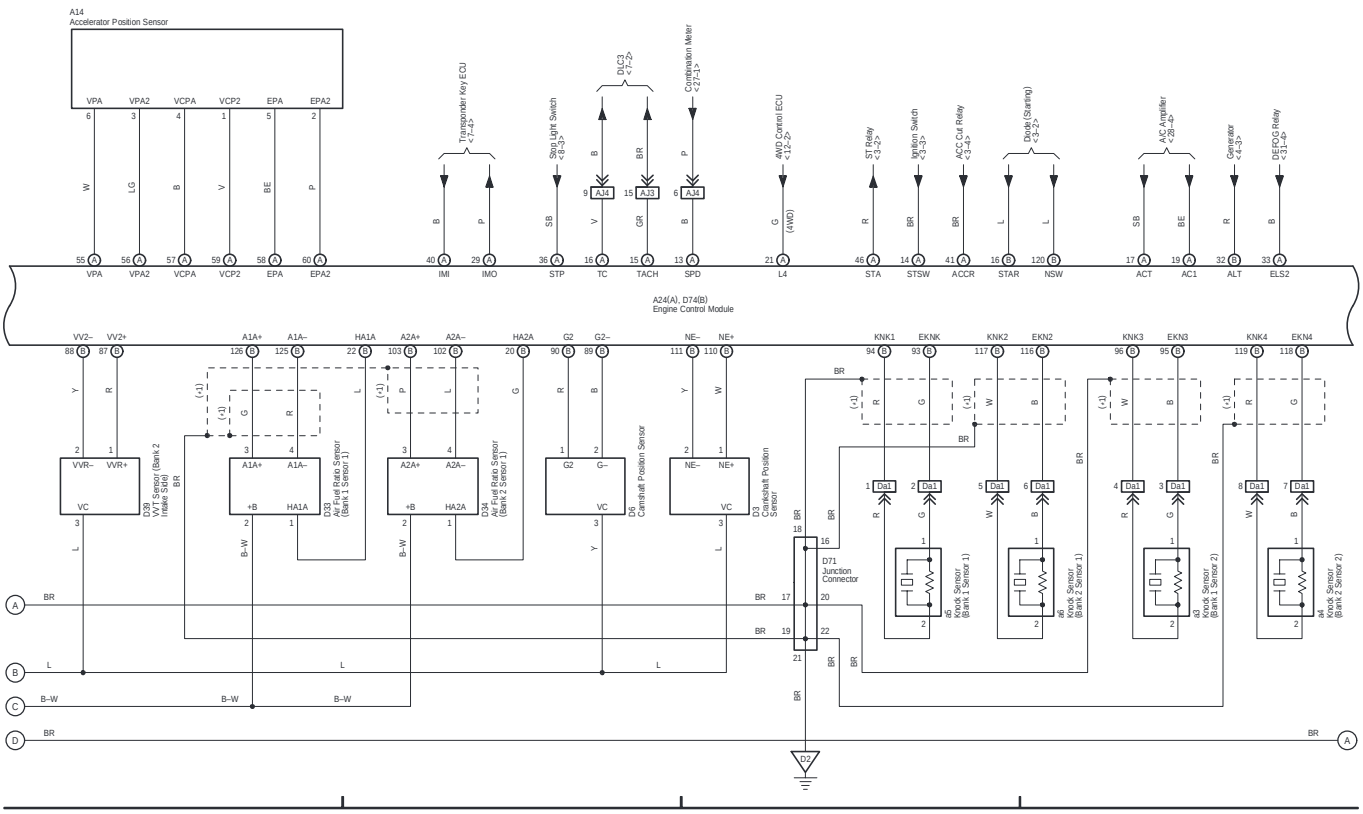
* 1 : Shielded



(Cont. next page)

Engine Control (1UR–FE)

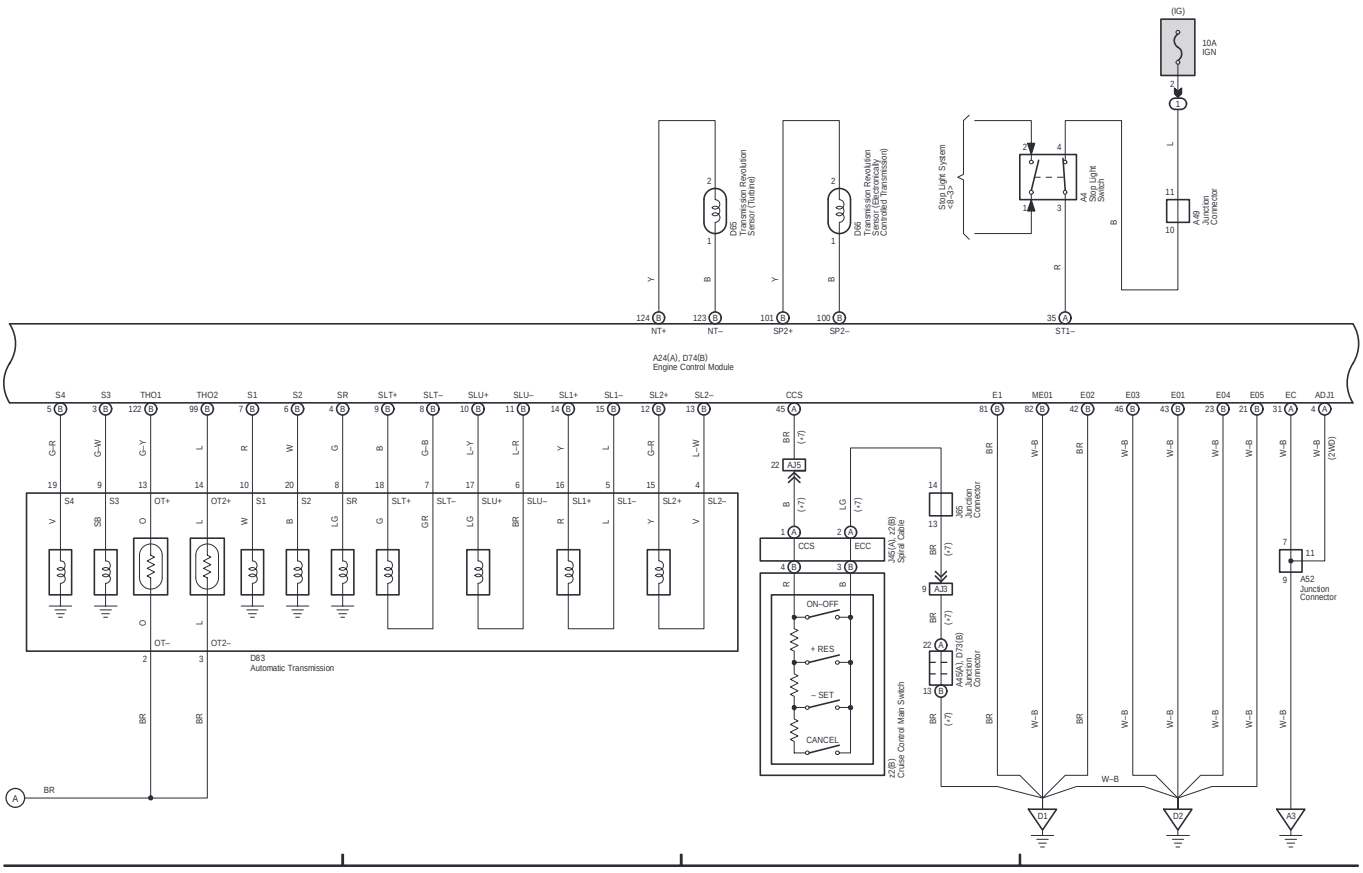
* 1 : Shielded



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Cruise Control (1UR–FE)

* 7 : w/ Cruise Control

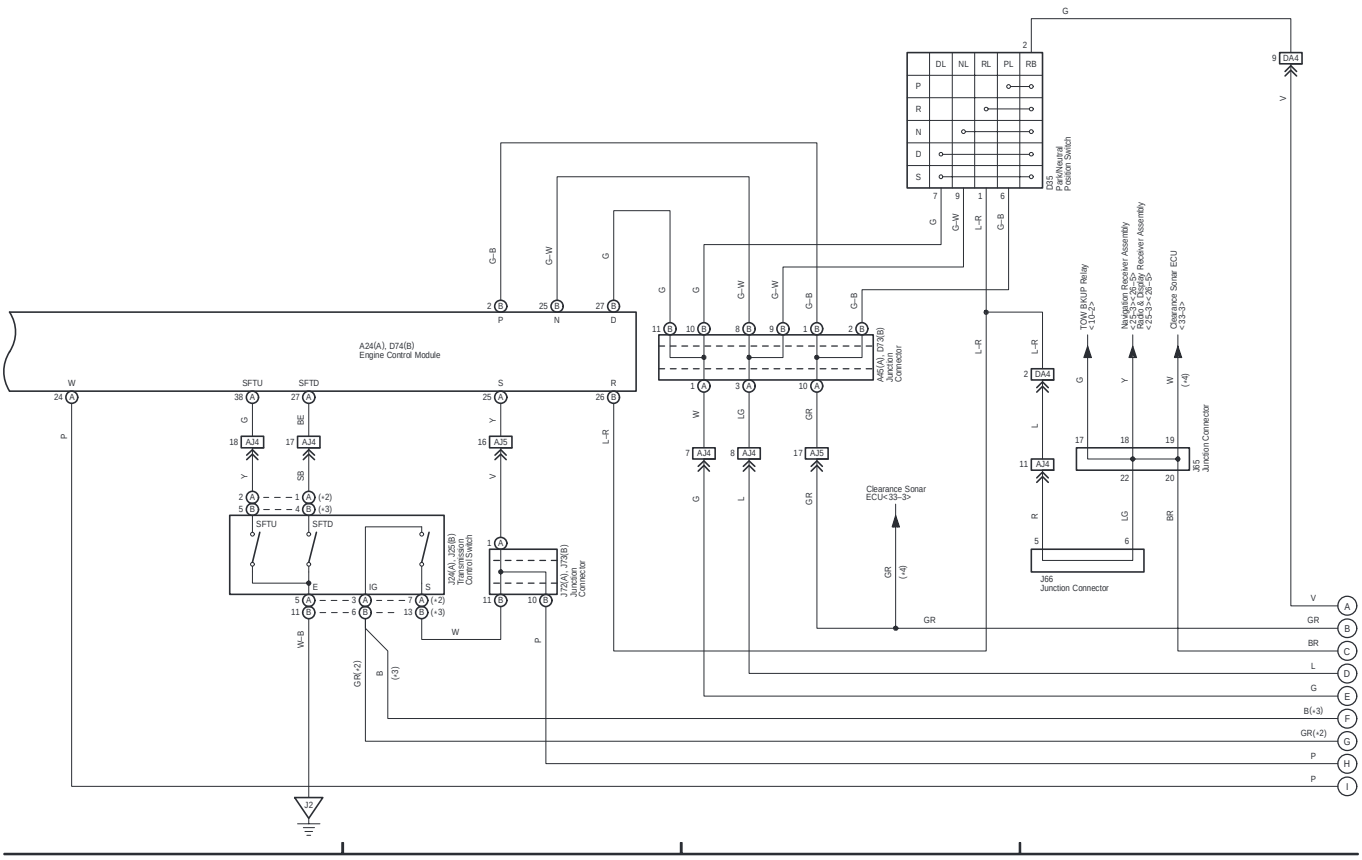


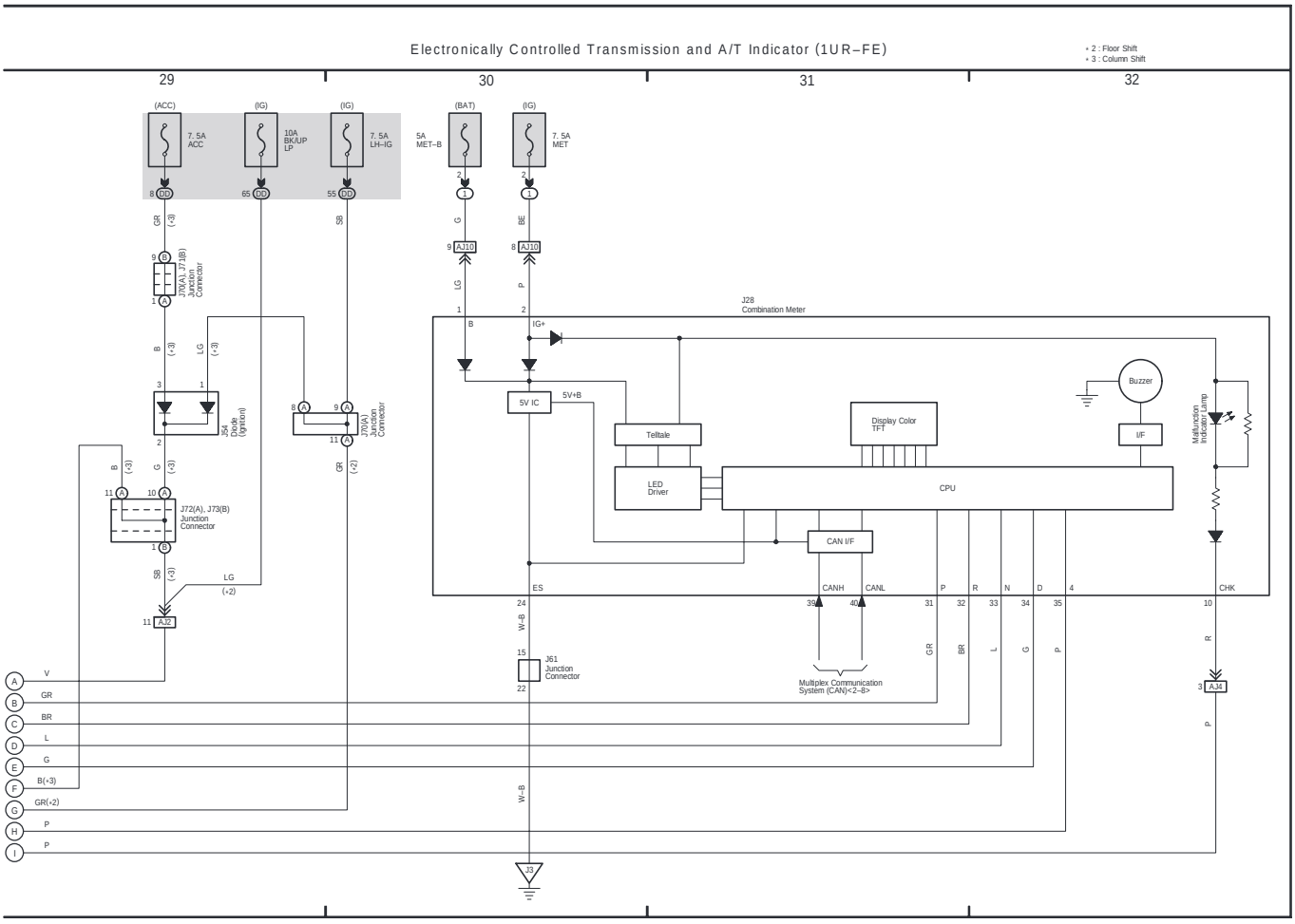
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Electronically Controlled Transmission and A/T Indicator (1UR–FE)

• 2 : Floor Shift
• 3 : Column Shift
• 4 : w/ Parking Assist (Intuitive Parking Assist)

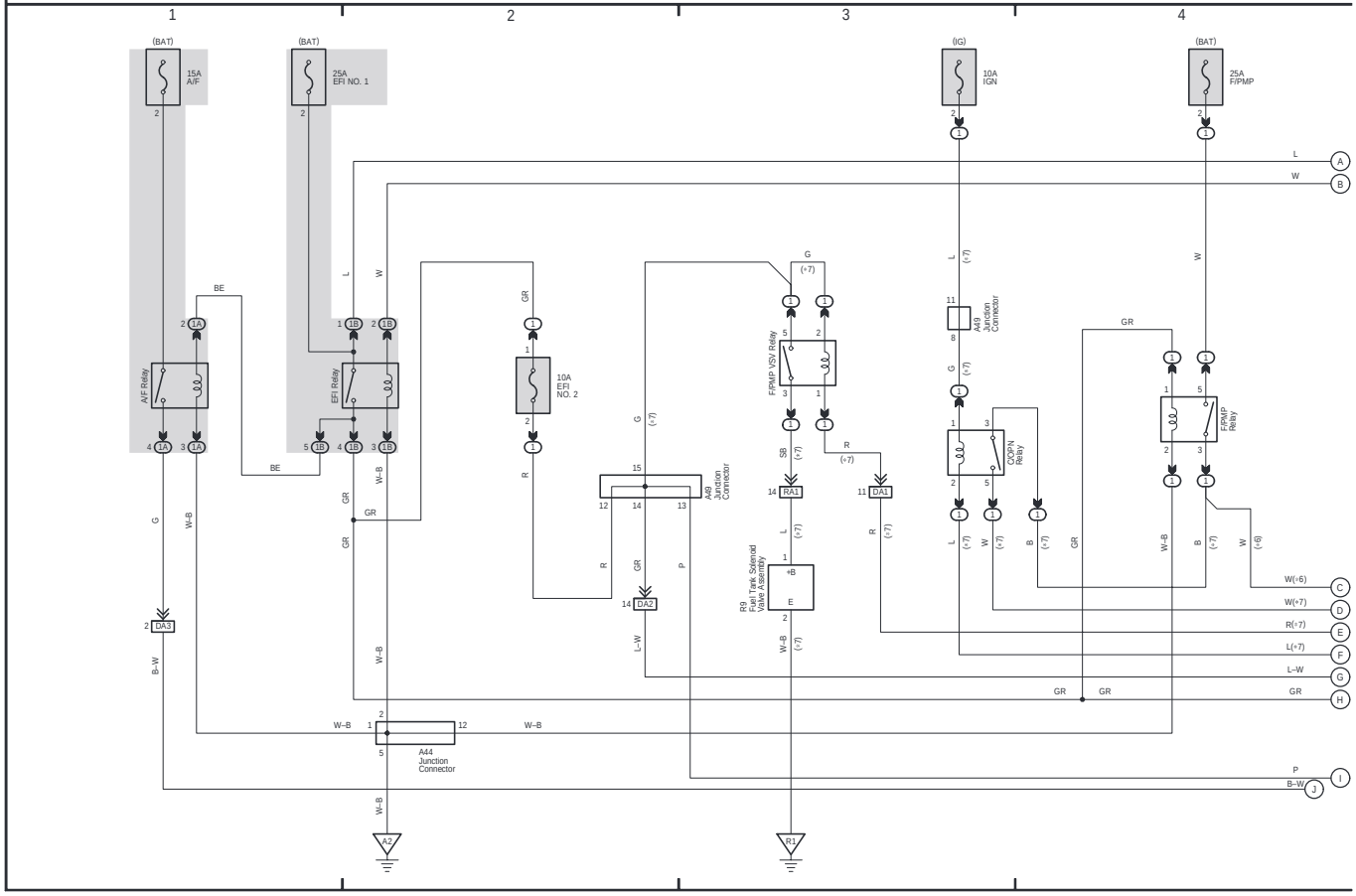



Electronically Controlled Transmission and A/T Indicator (1UR–FE)
* 2 : Floor Shift
* 3 : Column Shift
29
30
31
32
(ACC)
(IG)
(IG)
(BAT)
(IG)
7. 5A ACC
10A BK/UP LP
7. 5A LH–IG
5A MET–B
7. 5A MET
J70(A), J71(B) Junction Connector
J54 2D(B) (Ignition)
J70(A) Junction Connector
J72(A), J73(B) Junction Connector
J28 Combination Meter
IG+
5V IC
5V+B
Telltale
LED Driver
Display Color TFT
CPU
Buzzer
I/F
CAN I/F
Malfunction Indicator Lamp
ES
CANH
CANL
P
R
N
D
CHK
J61 Junction Connector
Multiplex Communication System (CAN)<2–8>
V
GR
BR
L
G
B(+3)
GR(+2)
P
P

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Engine Control (3UR–FE, 3UR–FBE)

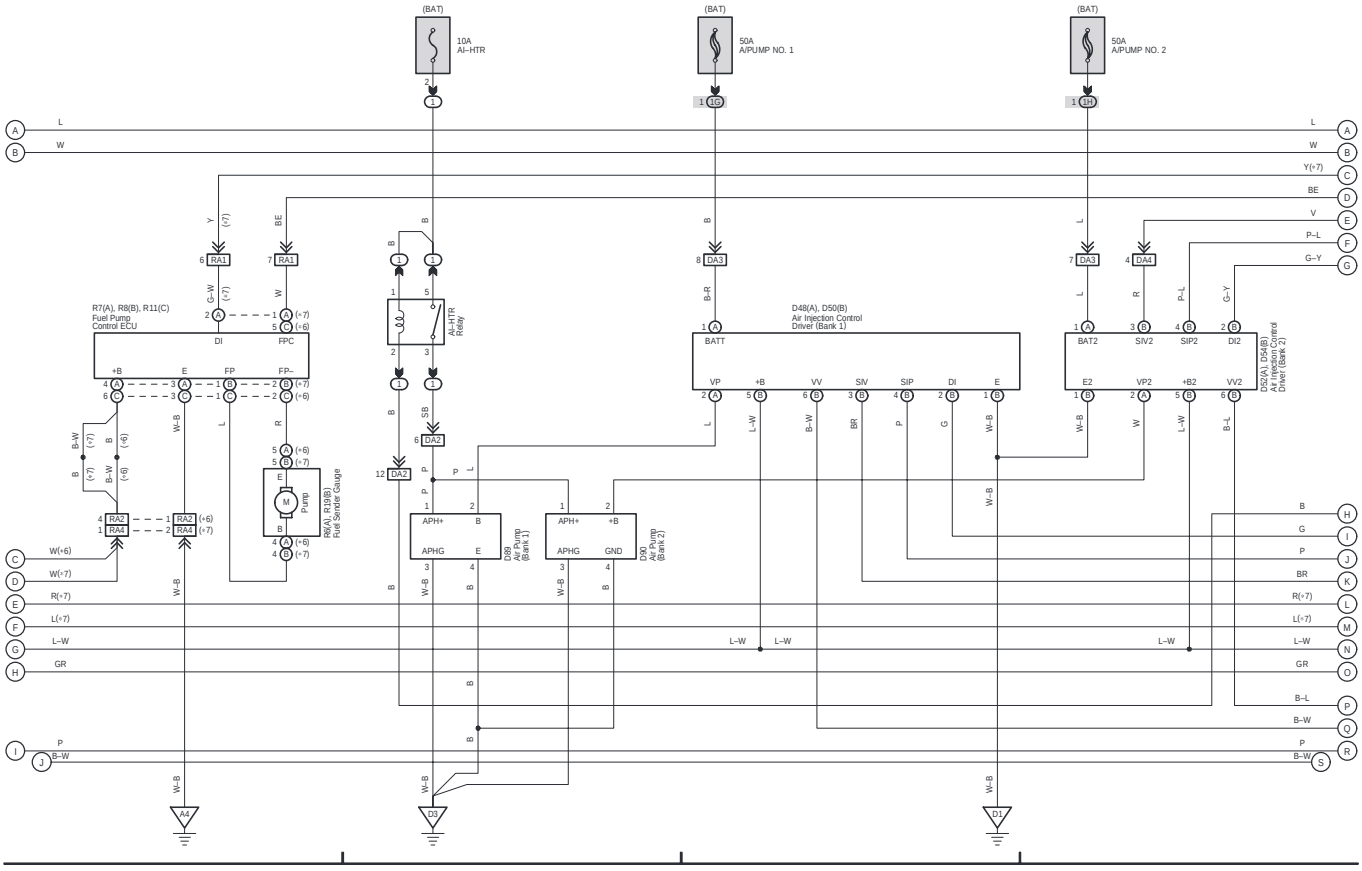
* 6 : 3UR–FE
* 7 : 3UR–FBE



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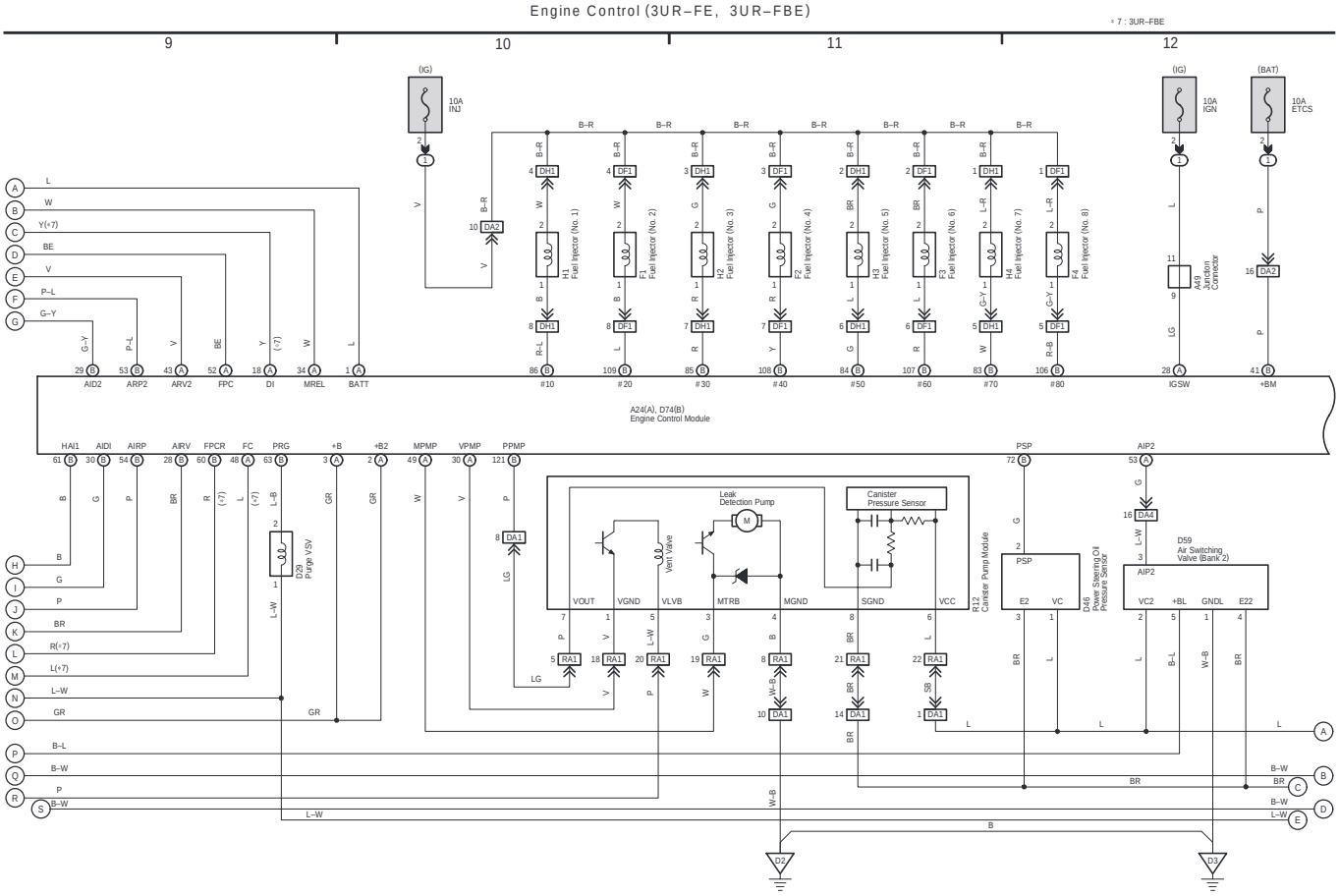
Engine Control (3UR–FE, 3UR–FBE)

* 6 : 3UR–FE
* 7 : 3UR–FBE



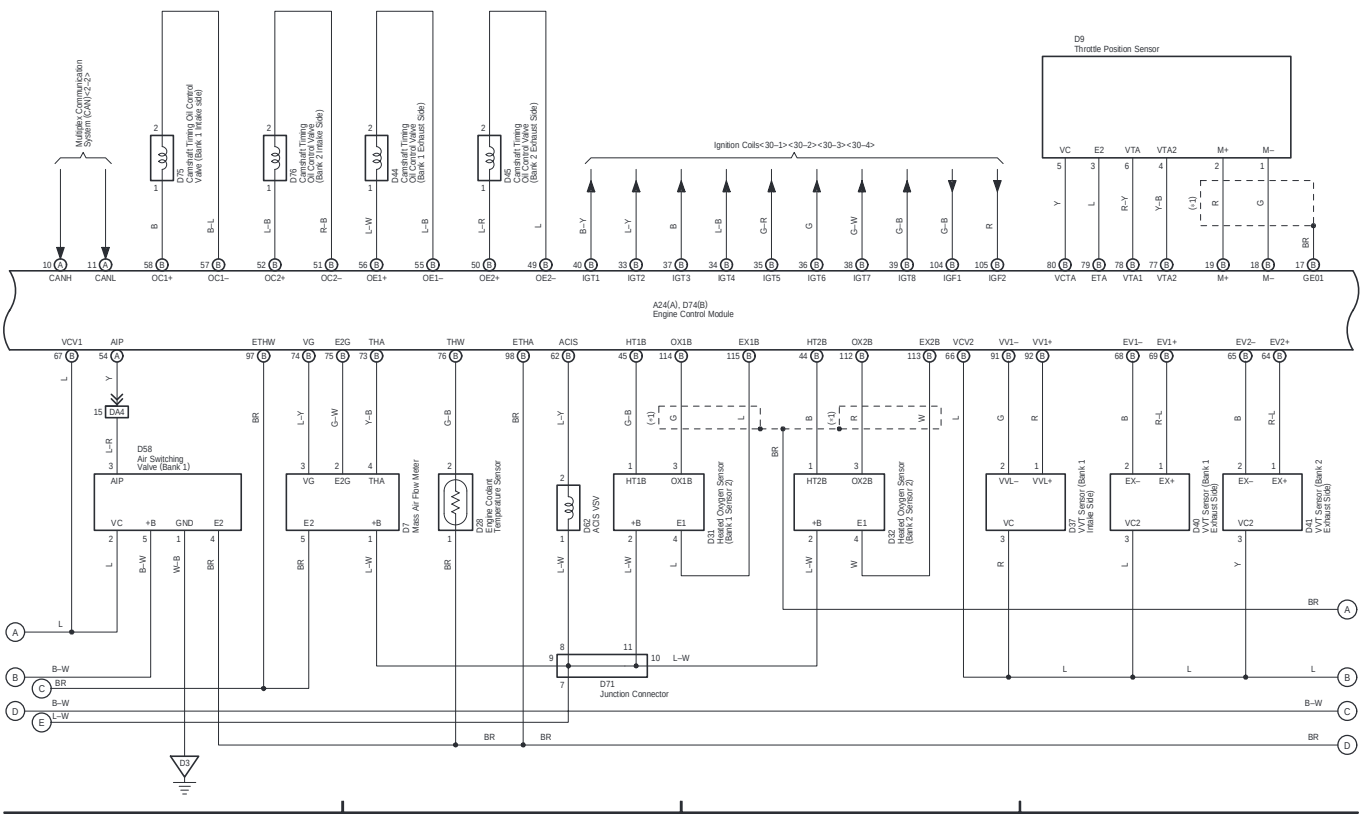
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Engine Control (3UR–FE, 3UR–FBE)

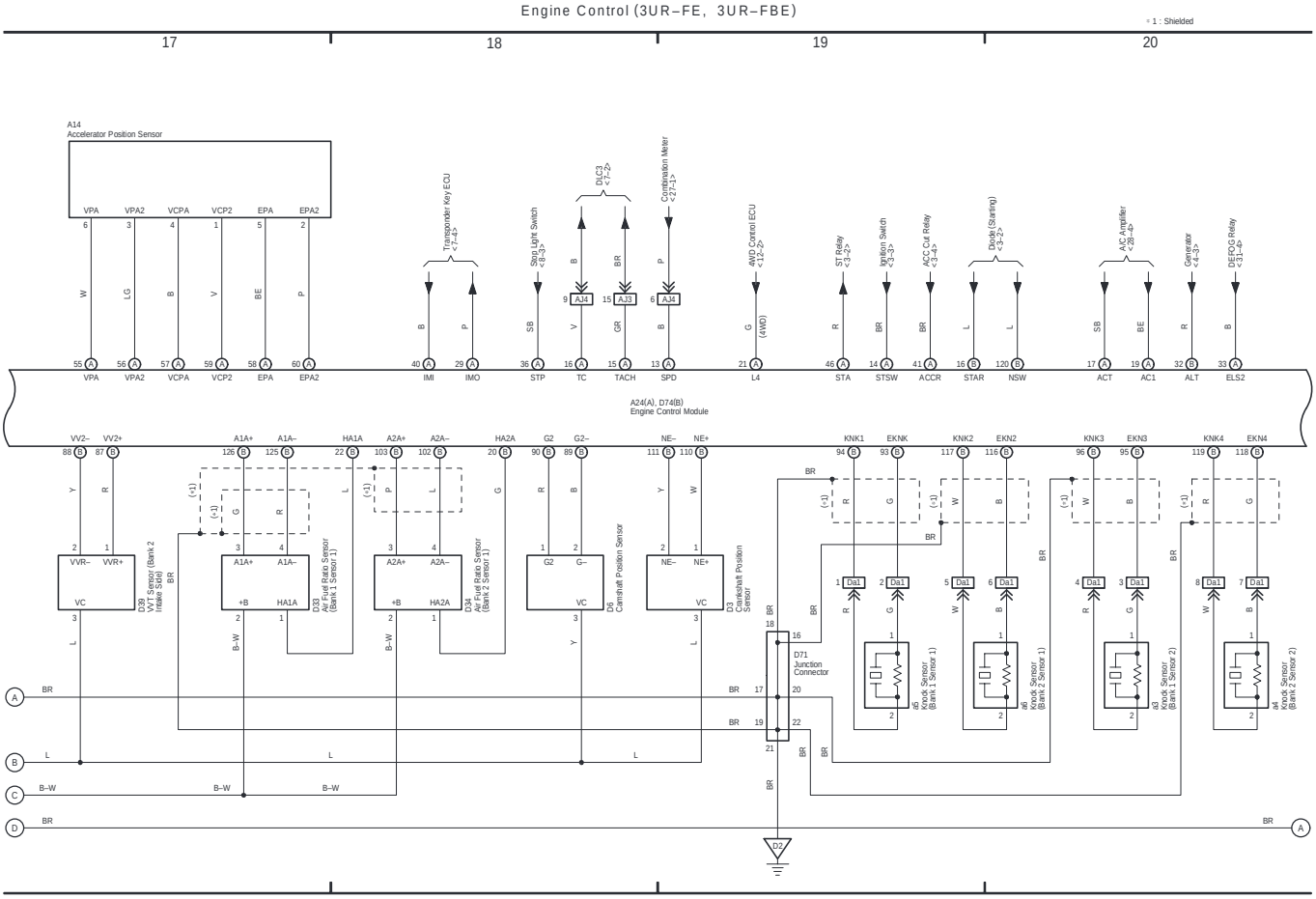


Engine Control (3UR–FE, 3UR–FBE)

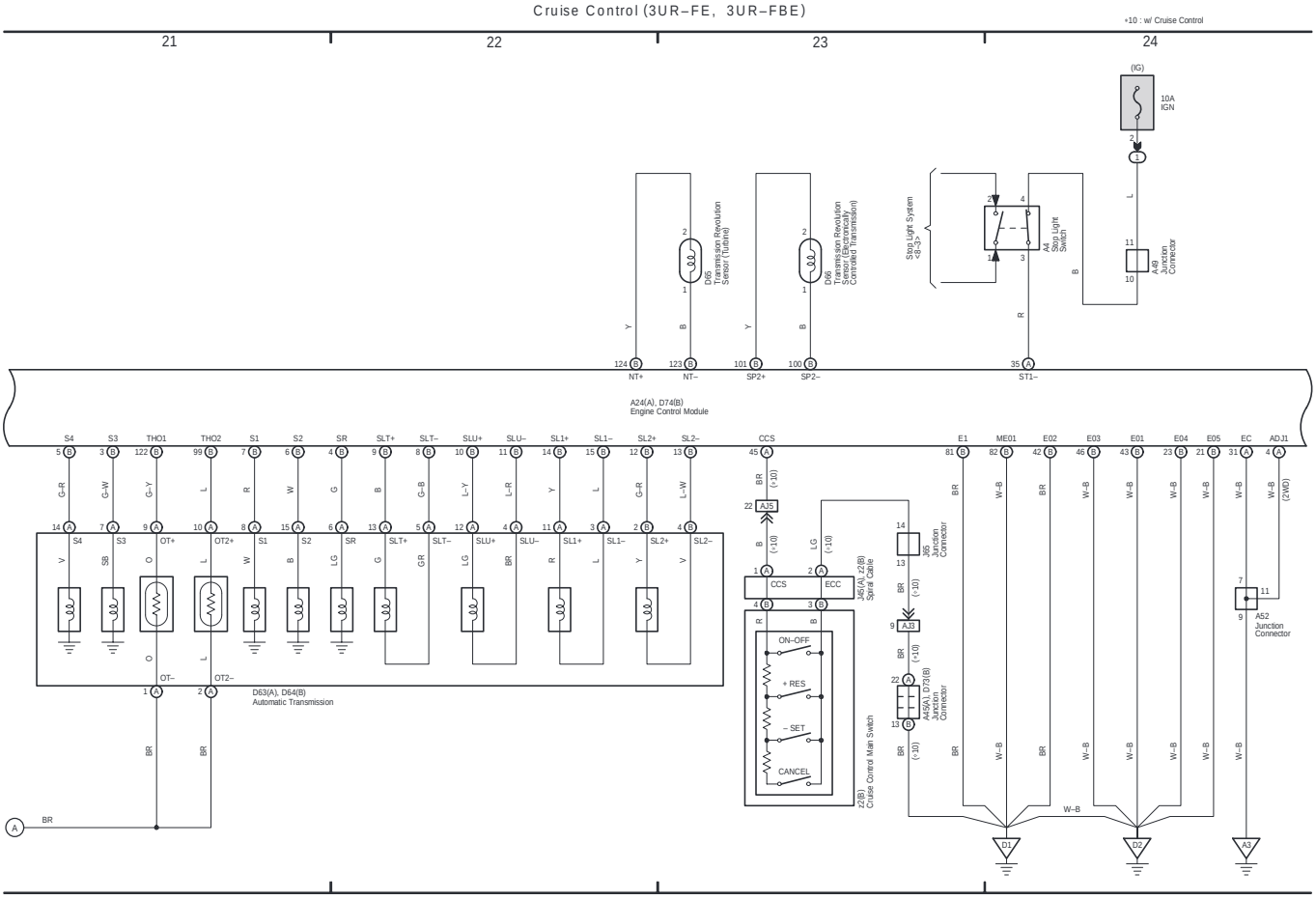
∗1 : Shielded



Engine Control (3UR–FE, 3UR–FBE)



Cruise Control (3UR–FE, 3UR–FBE)

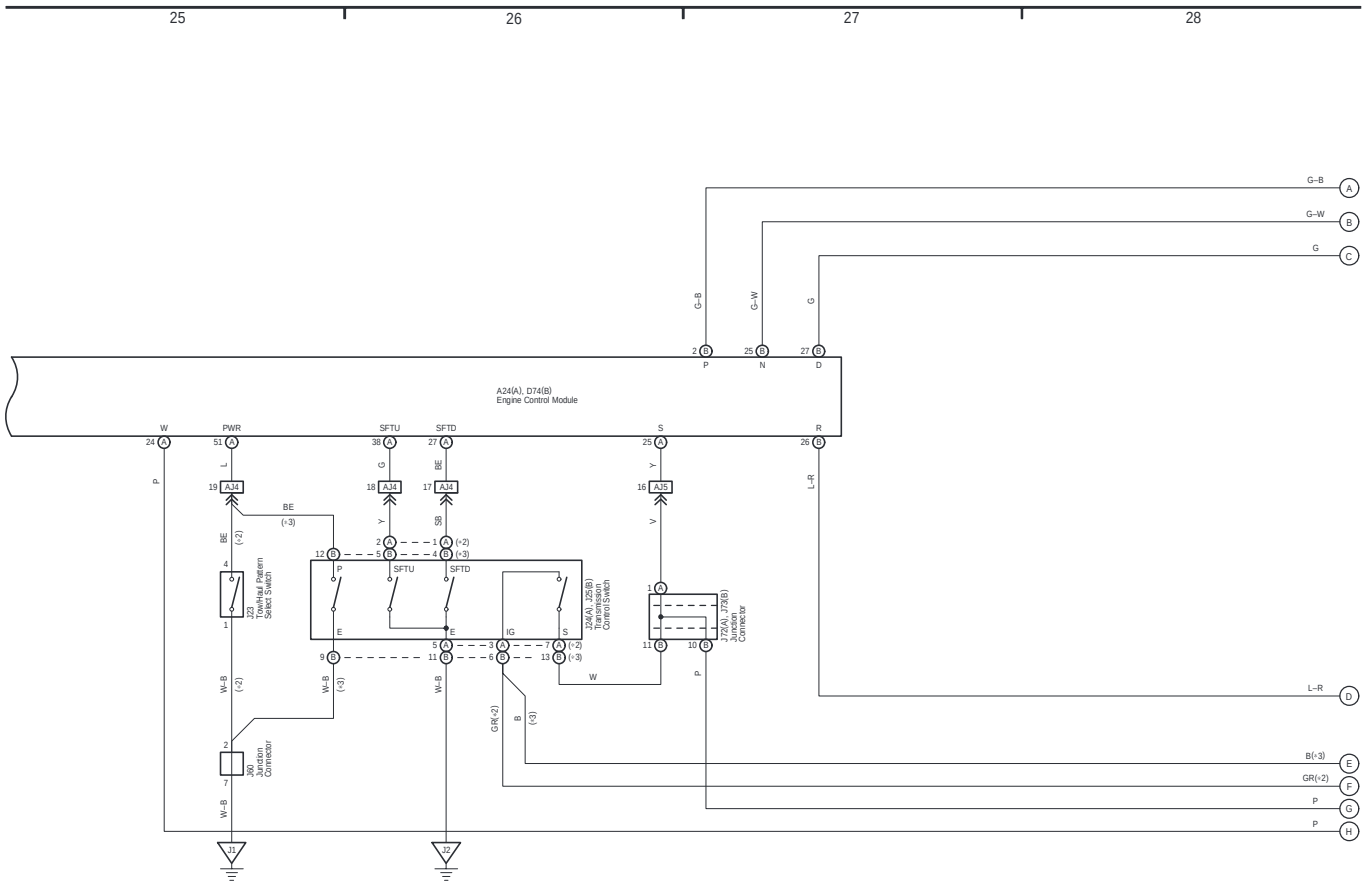


M

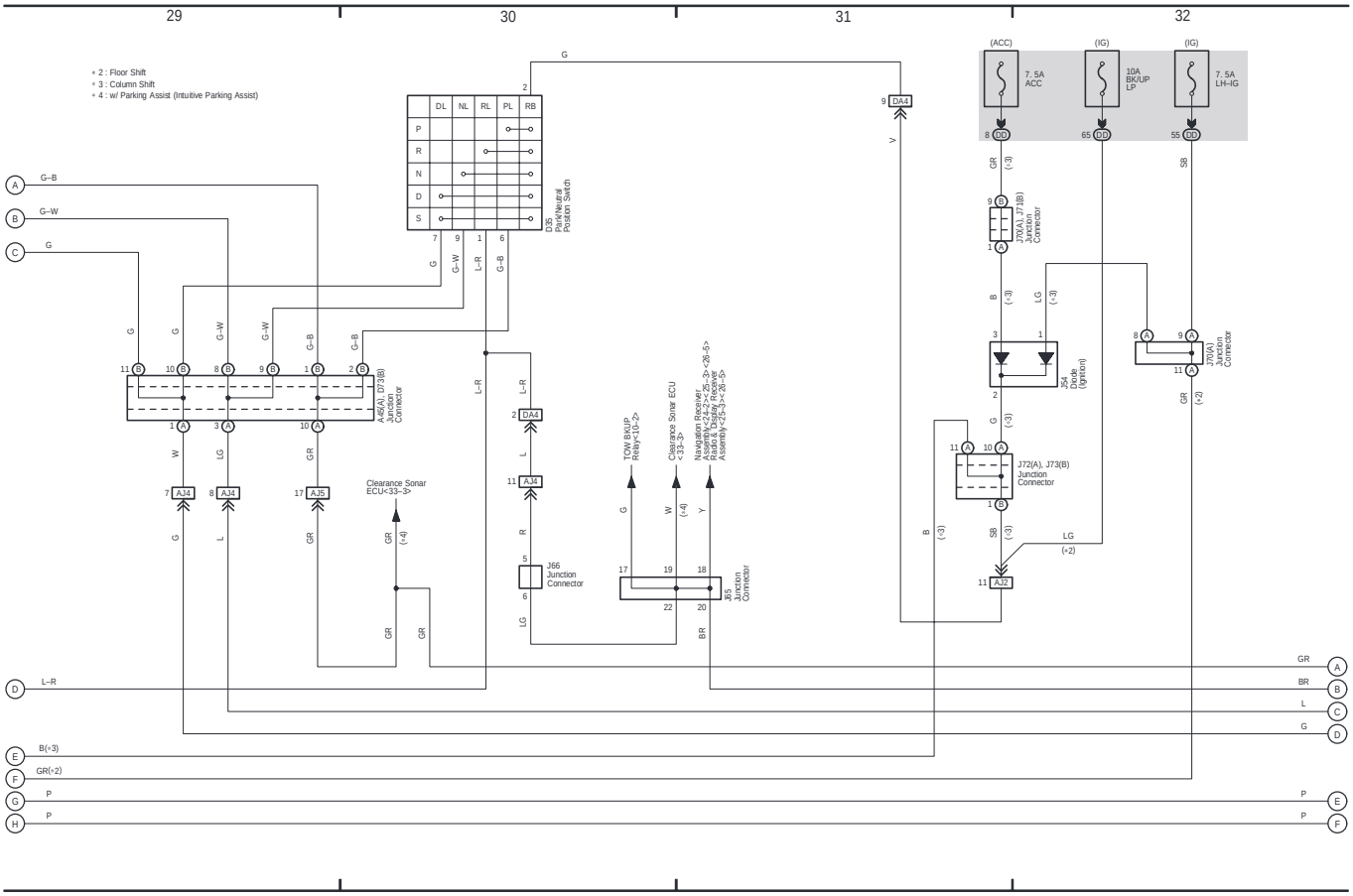
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Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

* 2 : Floor Shift
* 3 : Column Shift

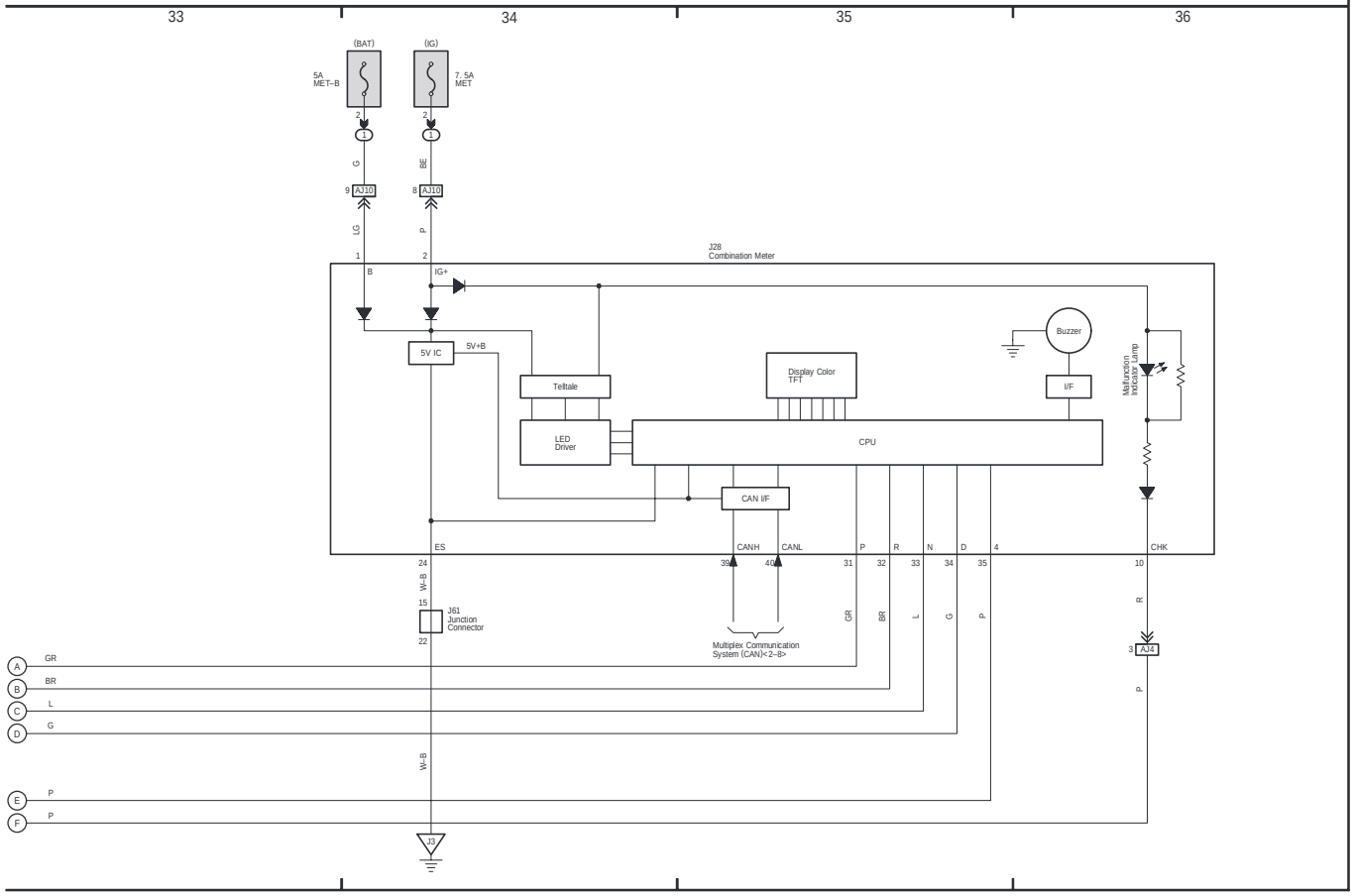


Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)



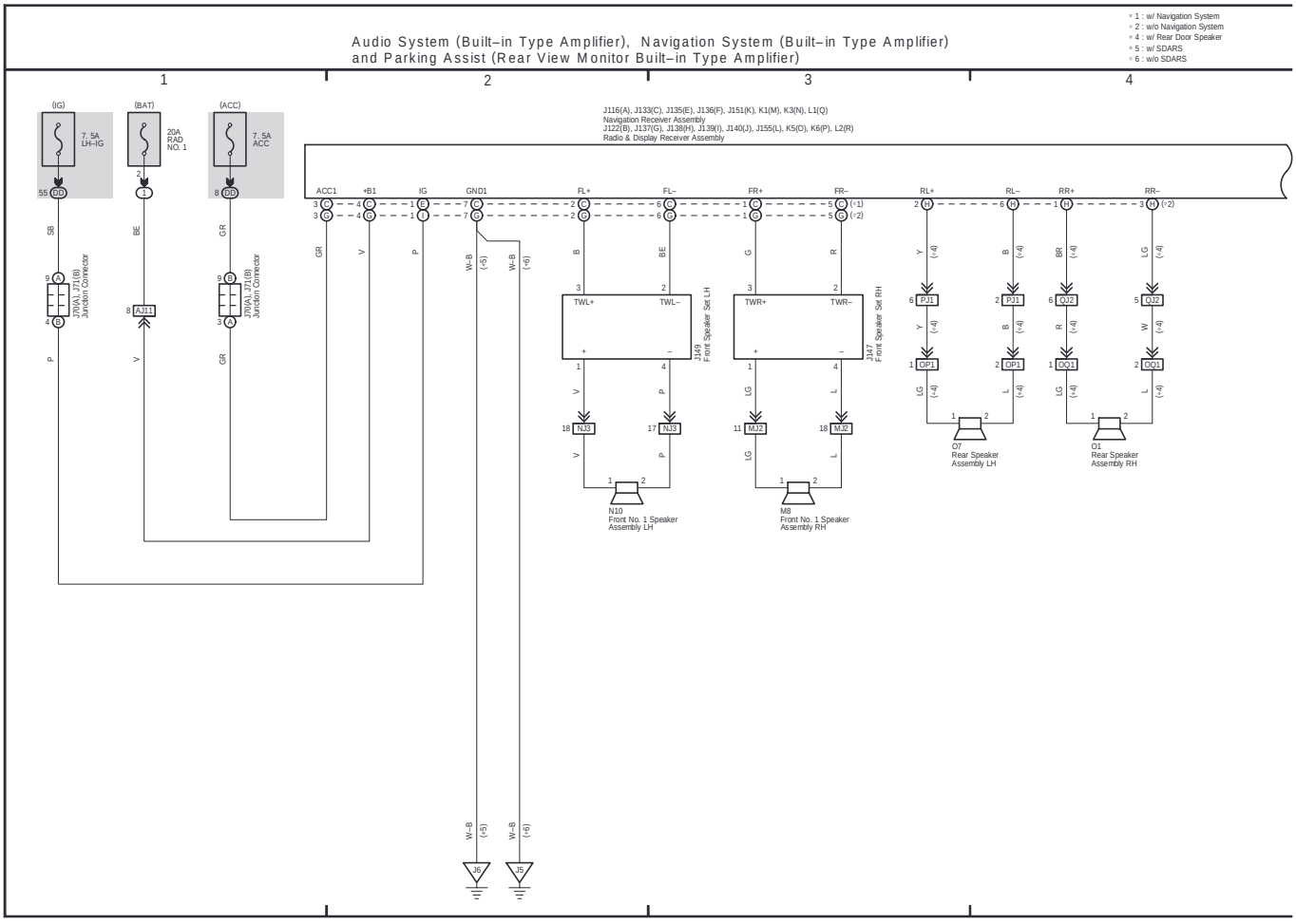
29 TOYOTA TUNDRA (Cont' d)

Electronically Controlled Transmission and A/T Indicator (3UR–FE, 3UR–FBE)

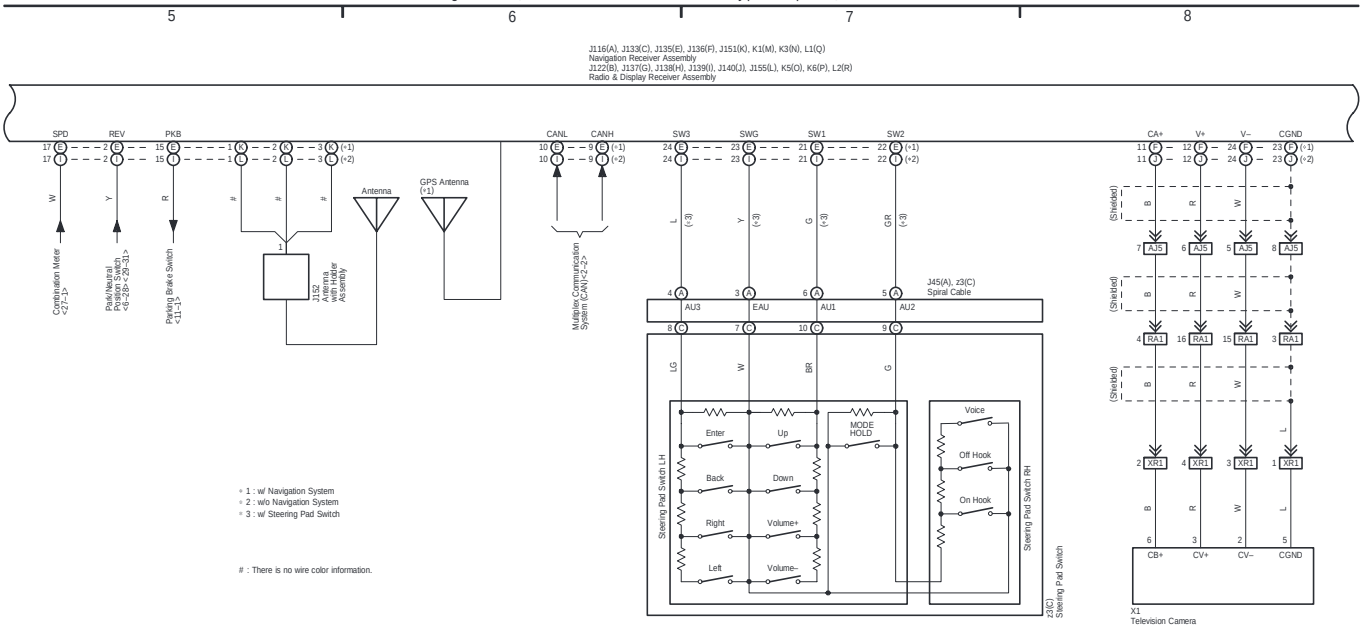


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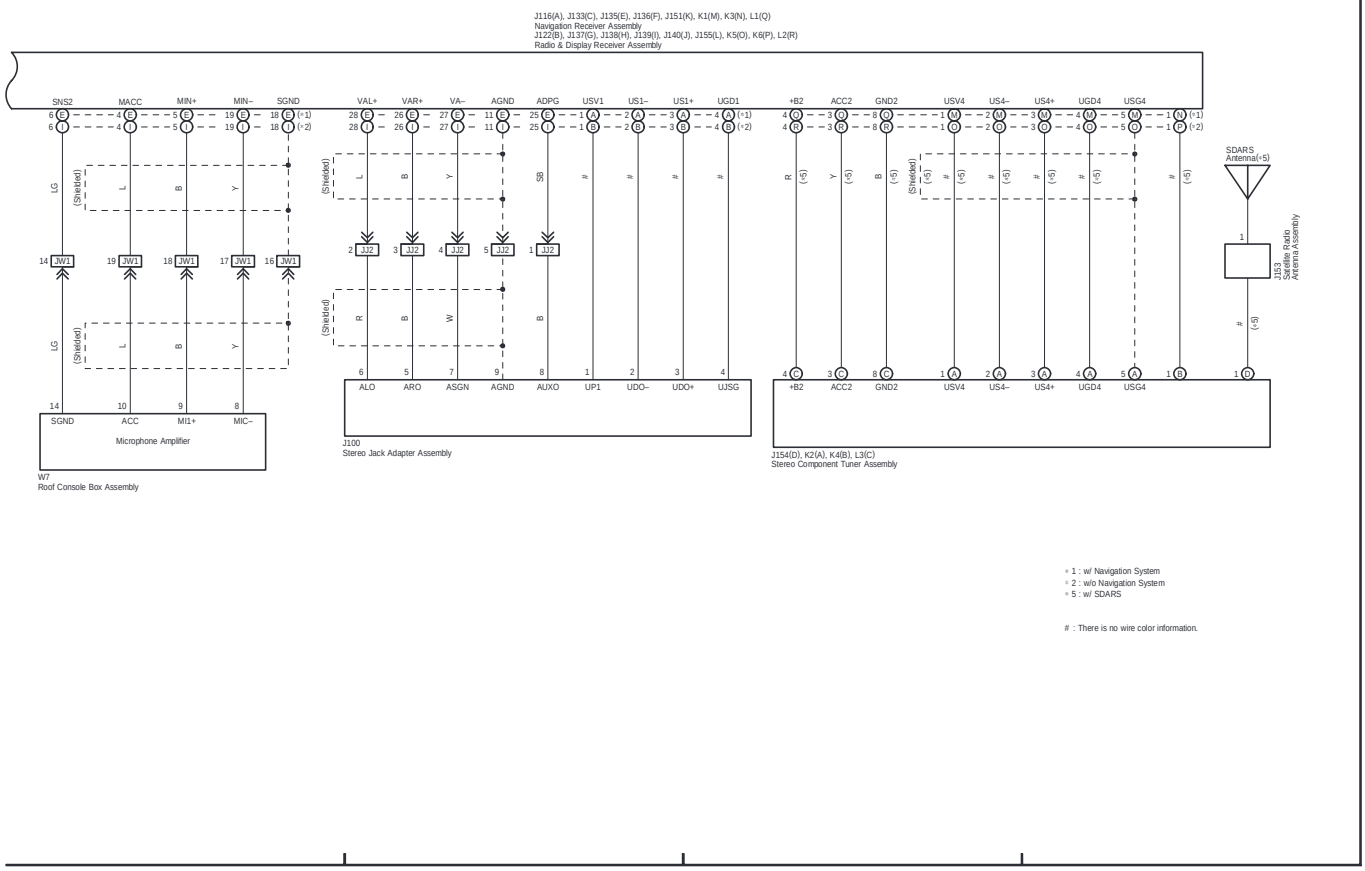
Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier)
and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)

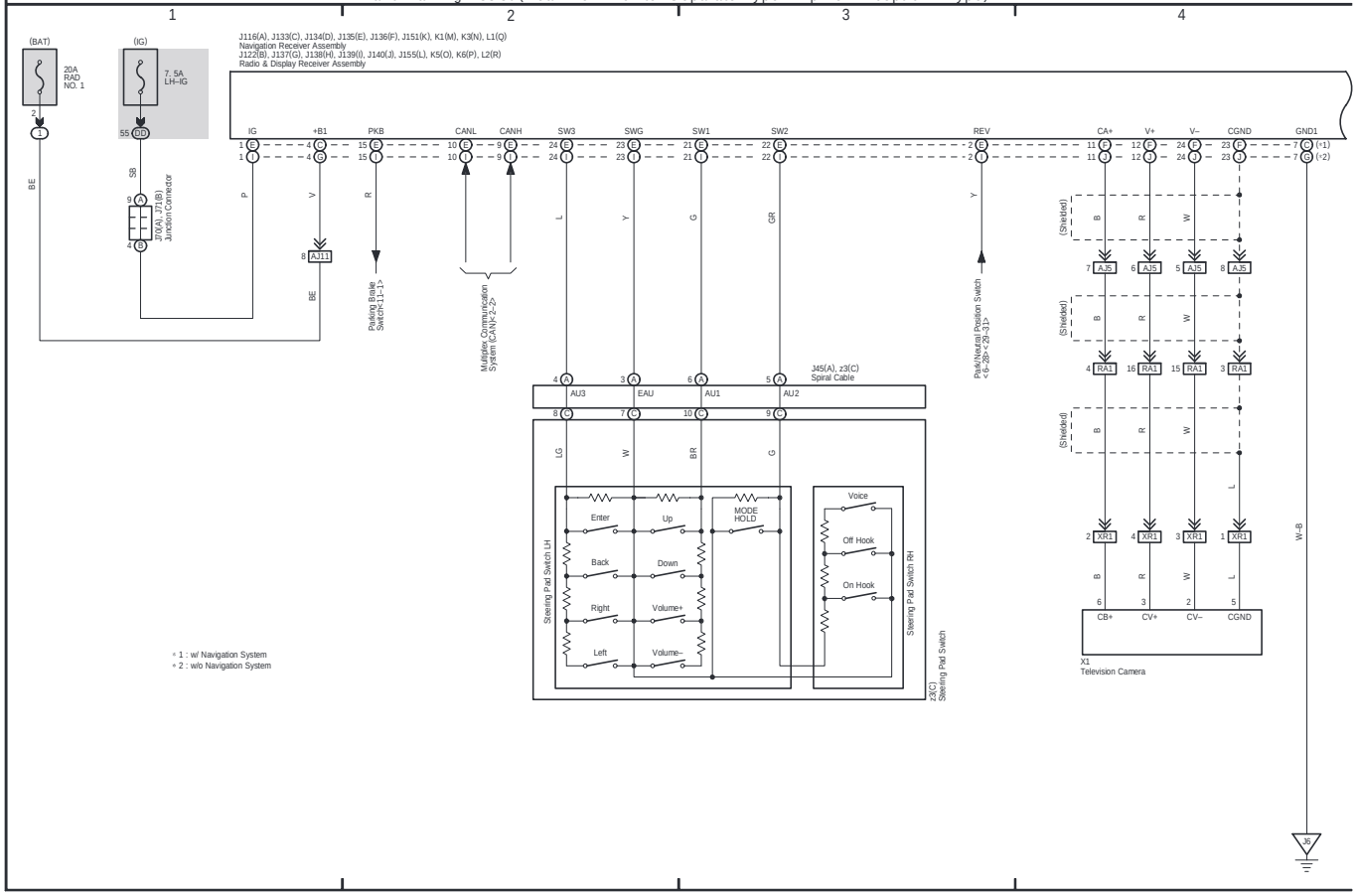


◦ 1 : w/ Navigation System
◦ 2 : w/o Navigation System
◦ 5 : w/ SDARS

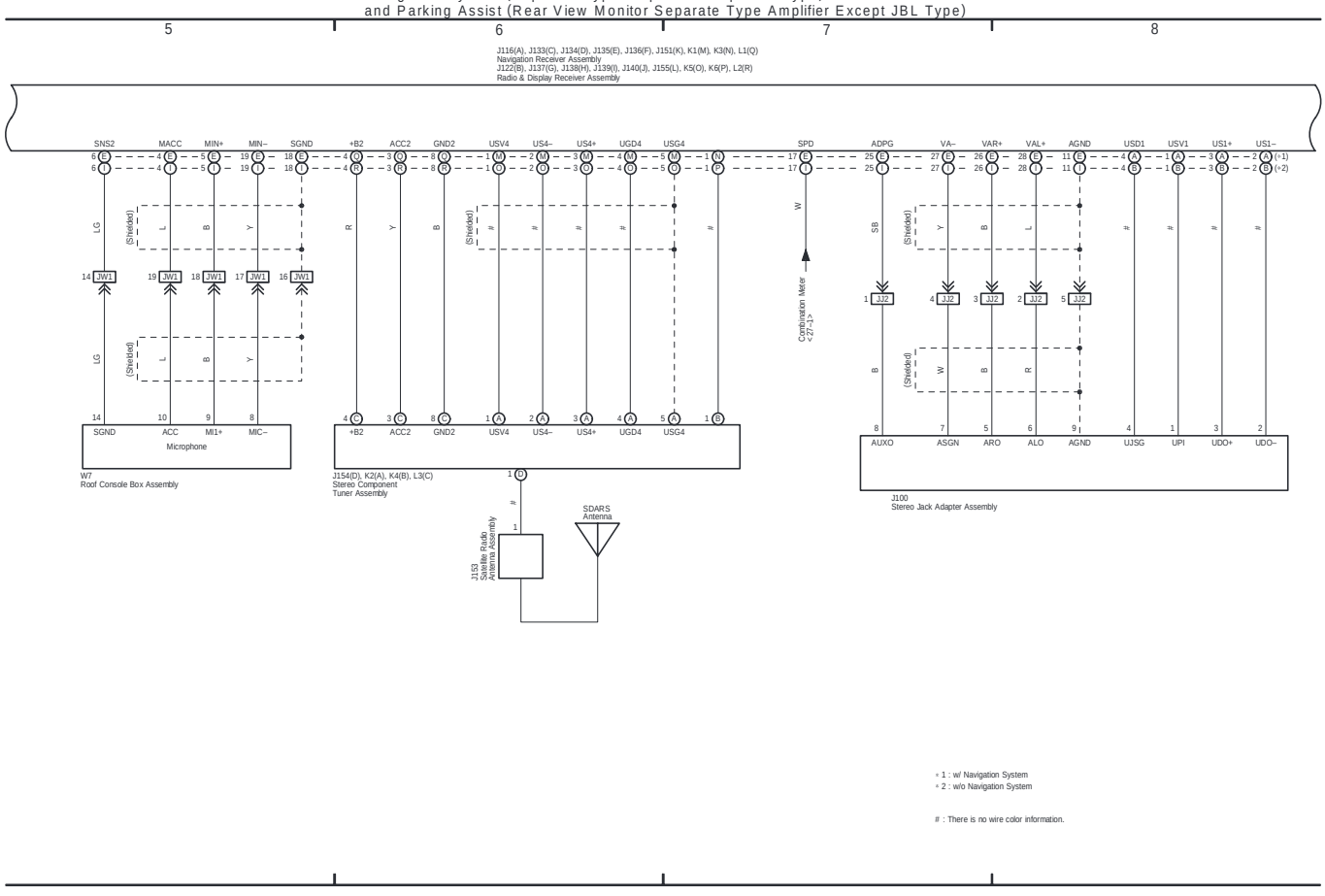
: There is no wire color information.

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Audio System (Separate Type Amplifier Except JBL Type), Navigation System (Separate Type Amplifier Except JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



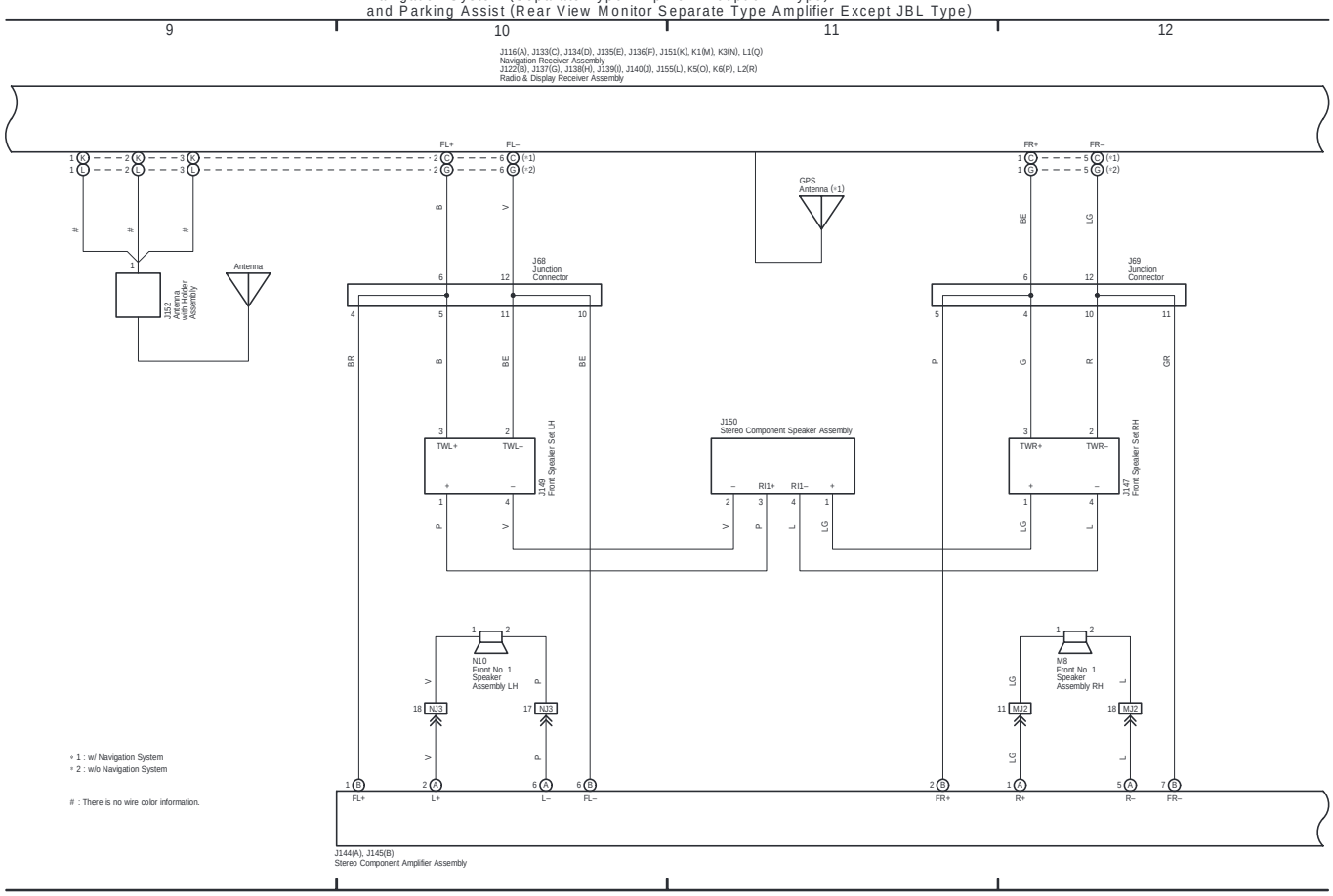
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)

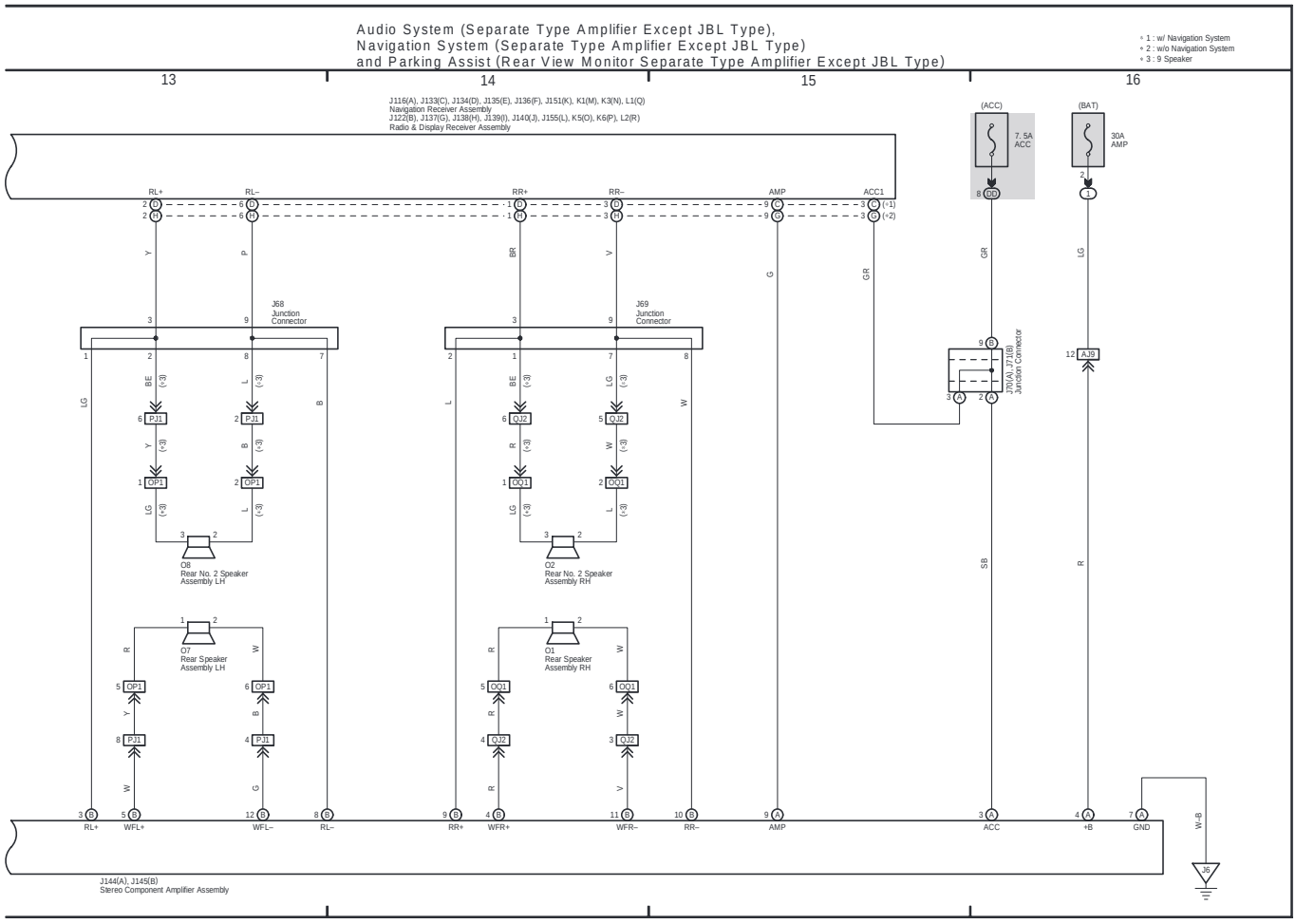


* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

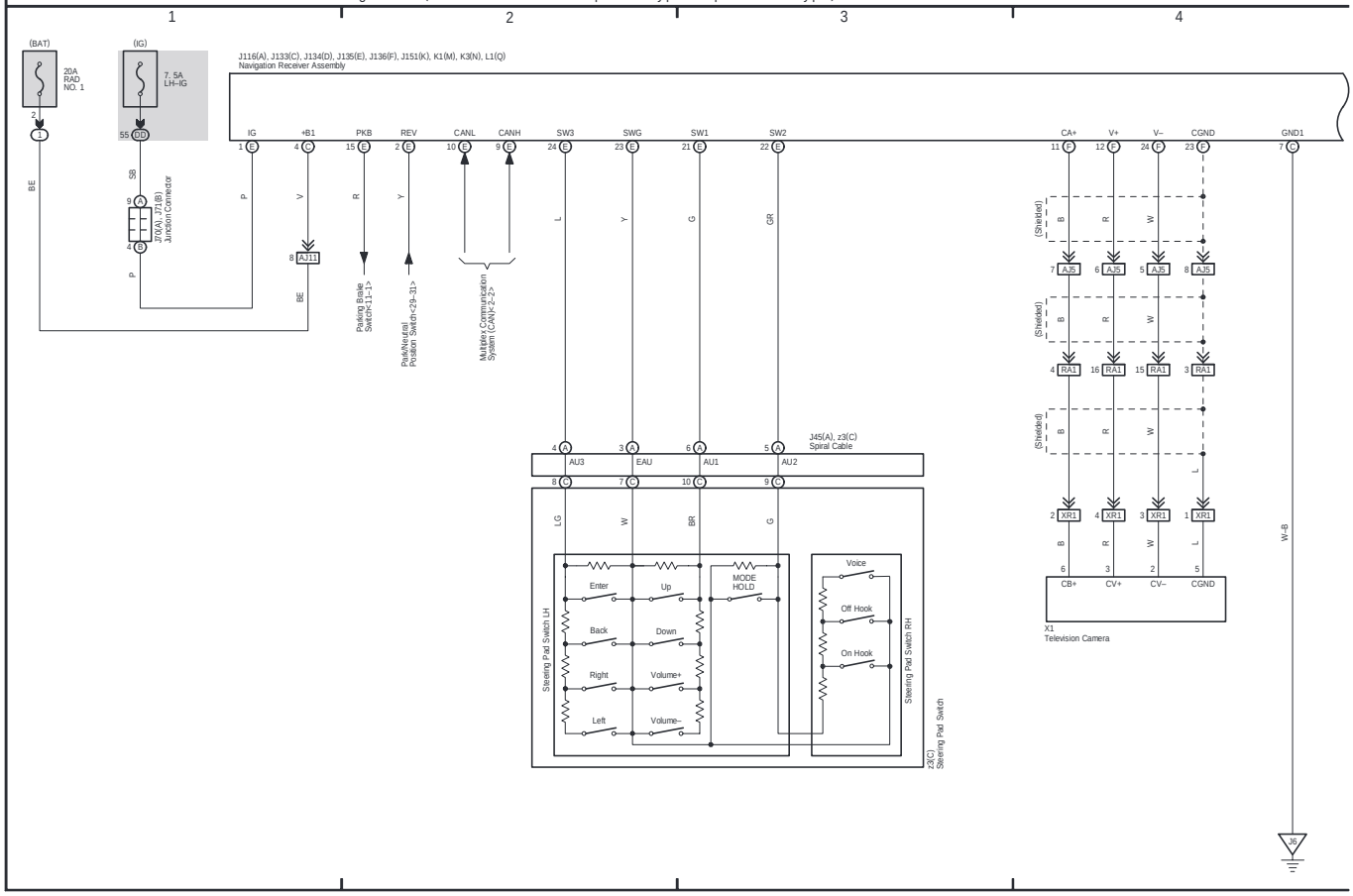
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



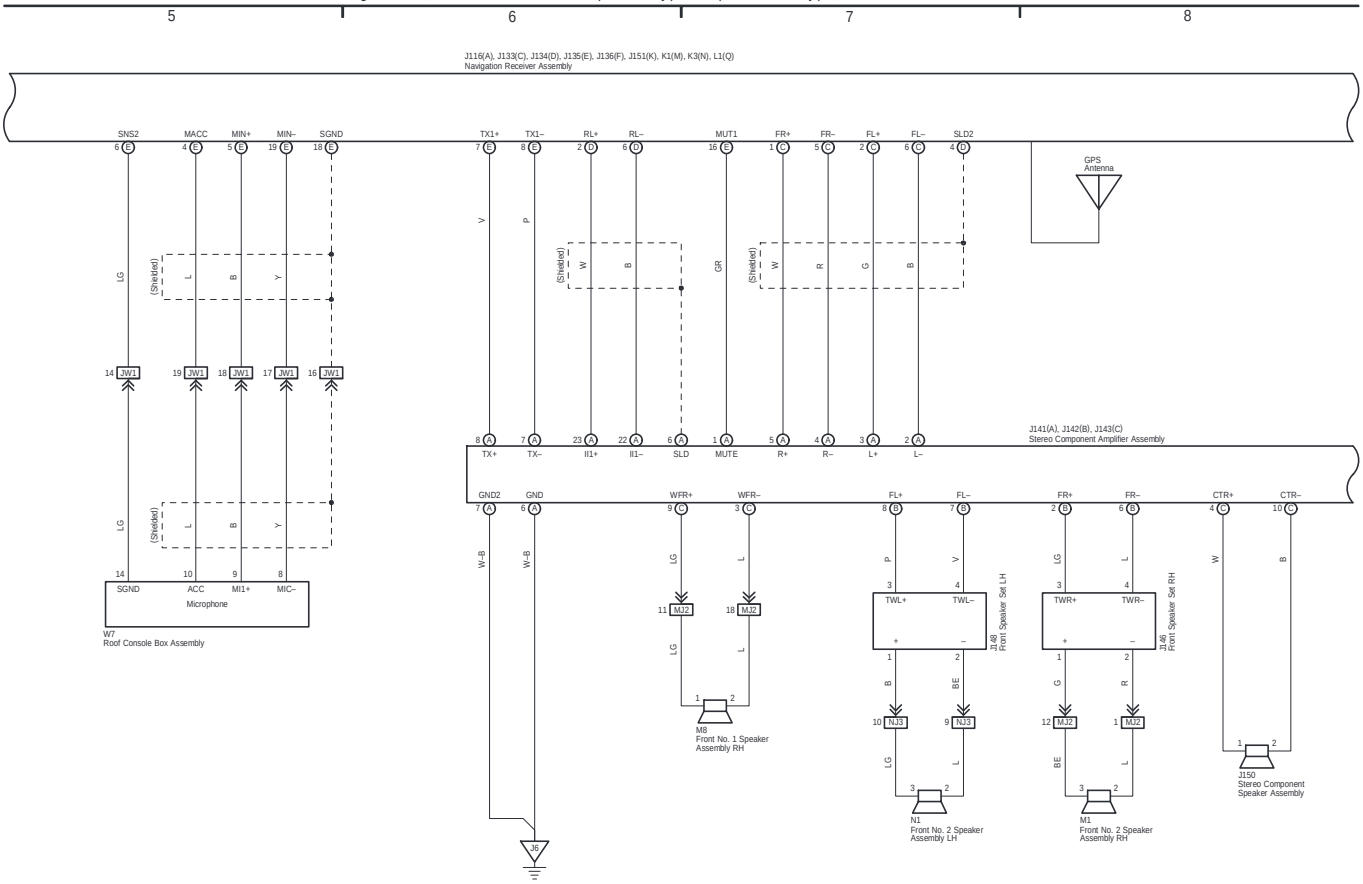

Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 3 : 9 Speaker
13
14
15
16
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
(ACC)
(BAT)
7. 5A
ACC
30A
AMP
RL+
RL−
RR+
RR−
AMP
ACC1
J68
Junction
Connector
J69
Junction
Connector
J70(A), J71(B)
Junction Connector
O8
Rear No. 2 Speaker
Assembly LH
O2
Rear No. 2 Speaker
Assembly RH
O7
Rear Speaker
Assembly LH
O1
Rear Speaker
Assembly RH
RL+
WFL+
WFL−
RL−
RR+
WFR+
WFR−
RR−
AMP
ACC
+B
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly

(Cont. next page)

Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

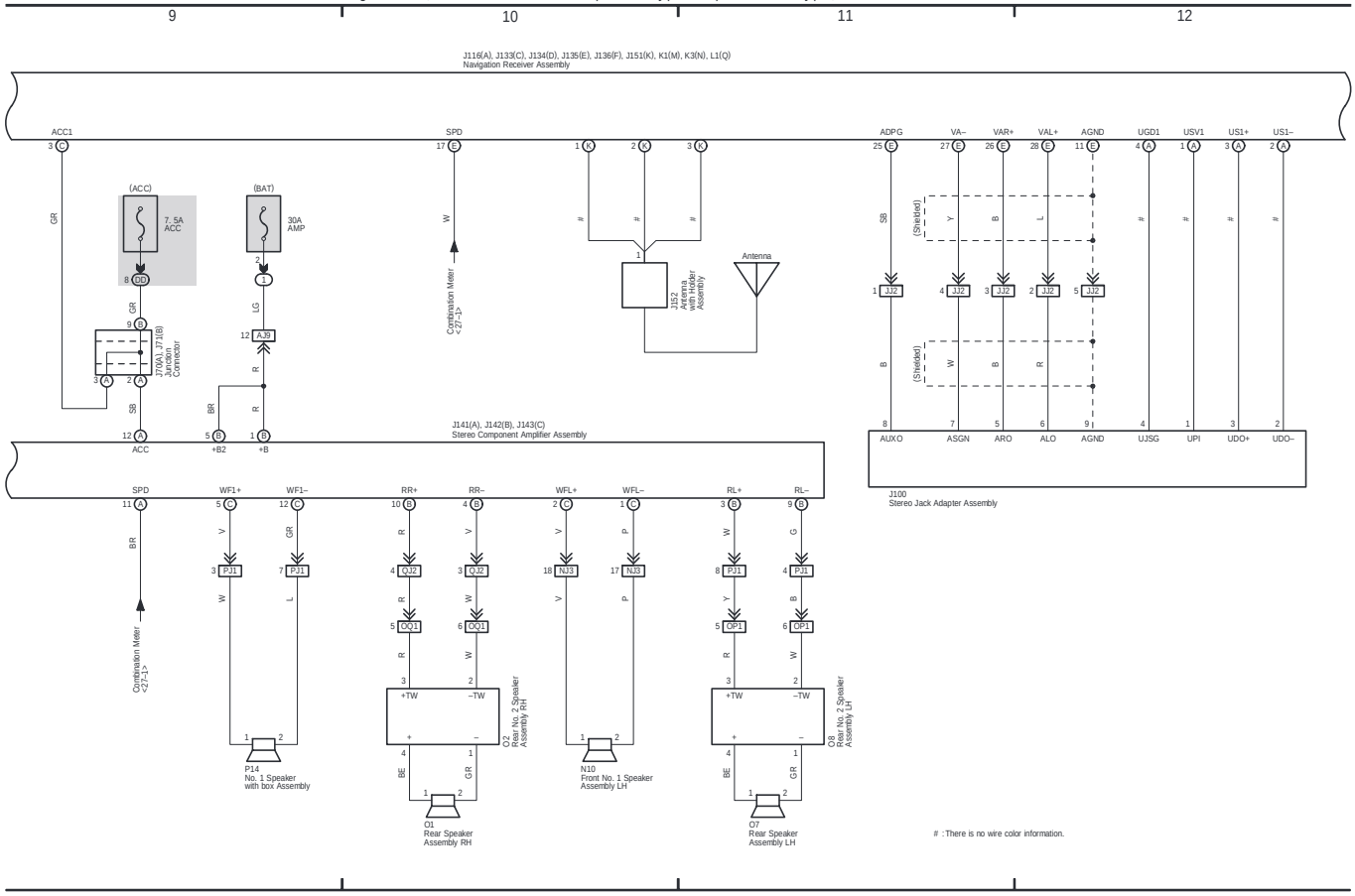


Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)



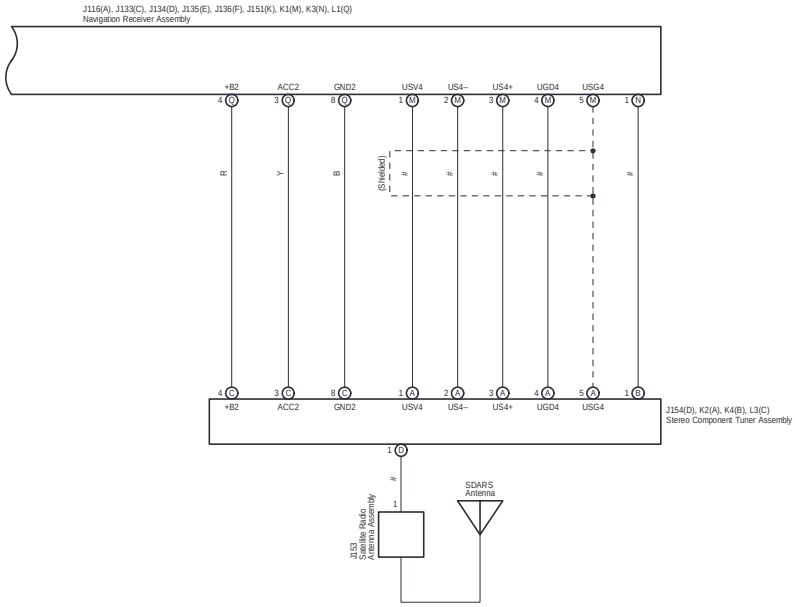
(Cont. next page)

Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

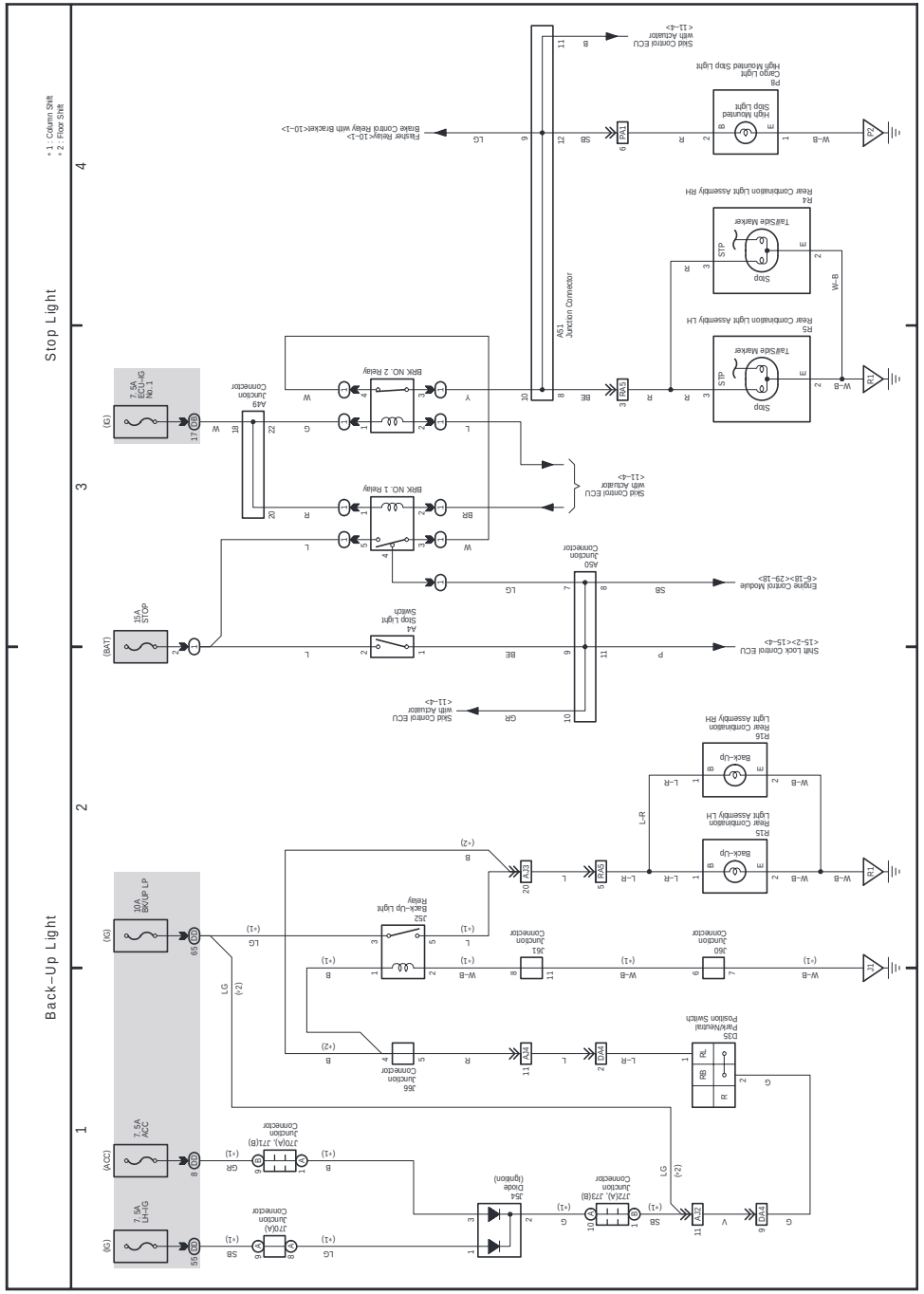


Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

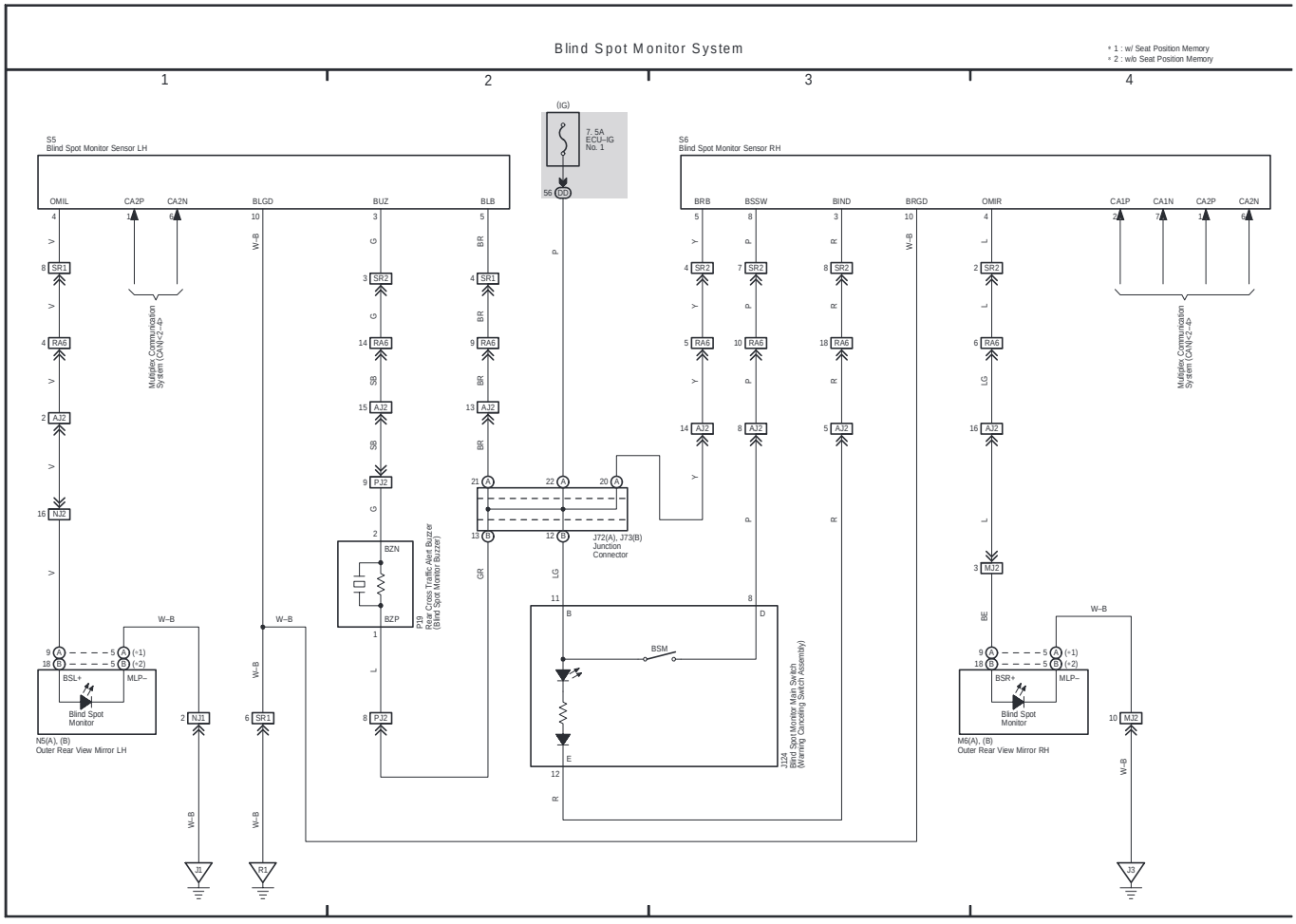
13 14 15 16

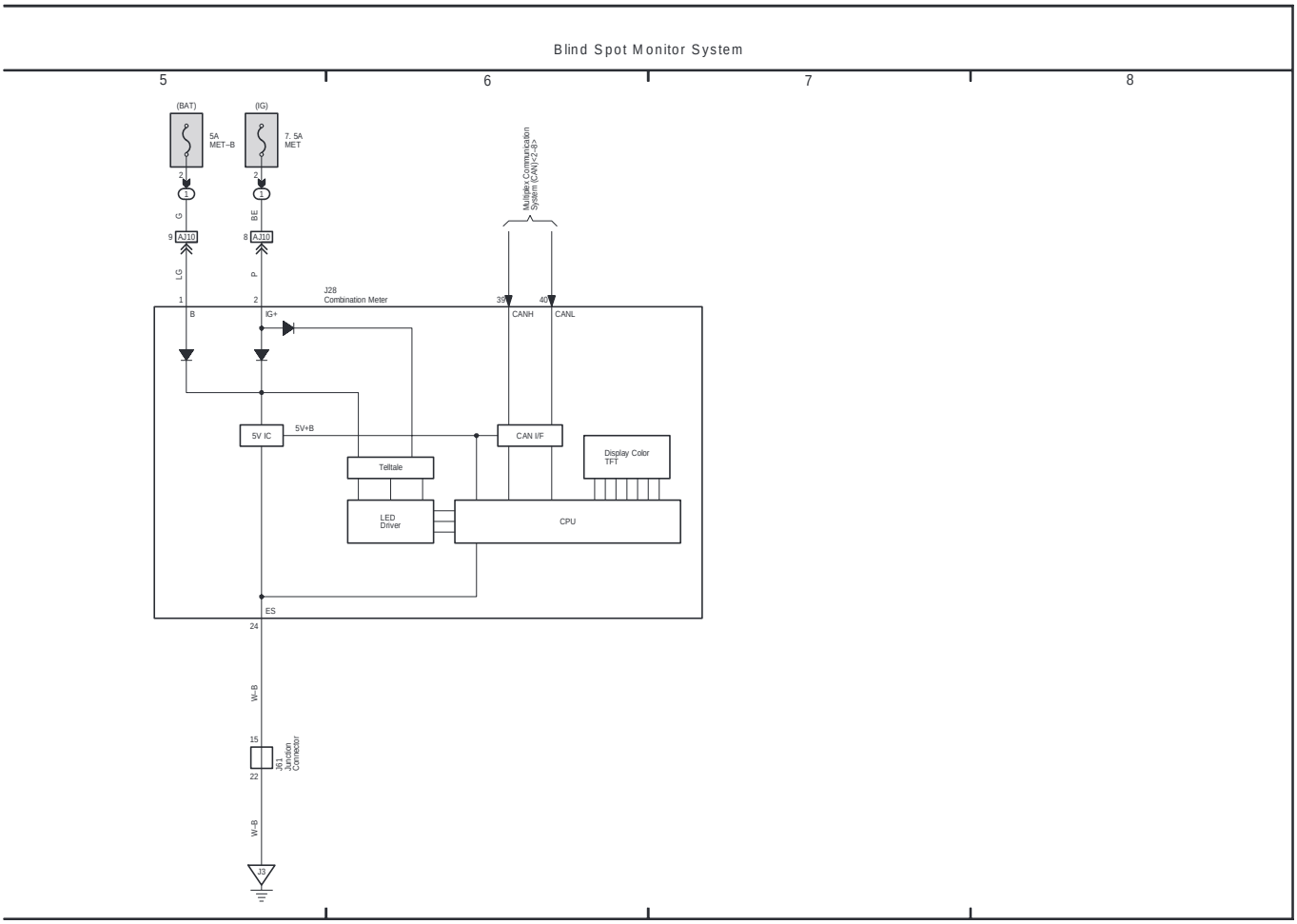


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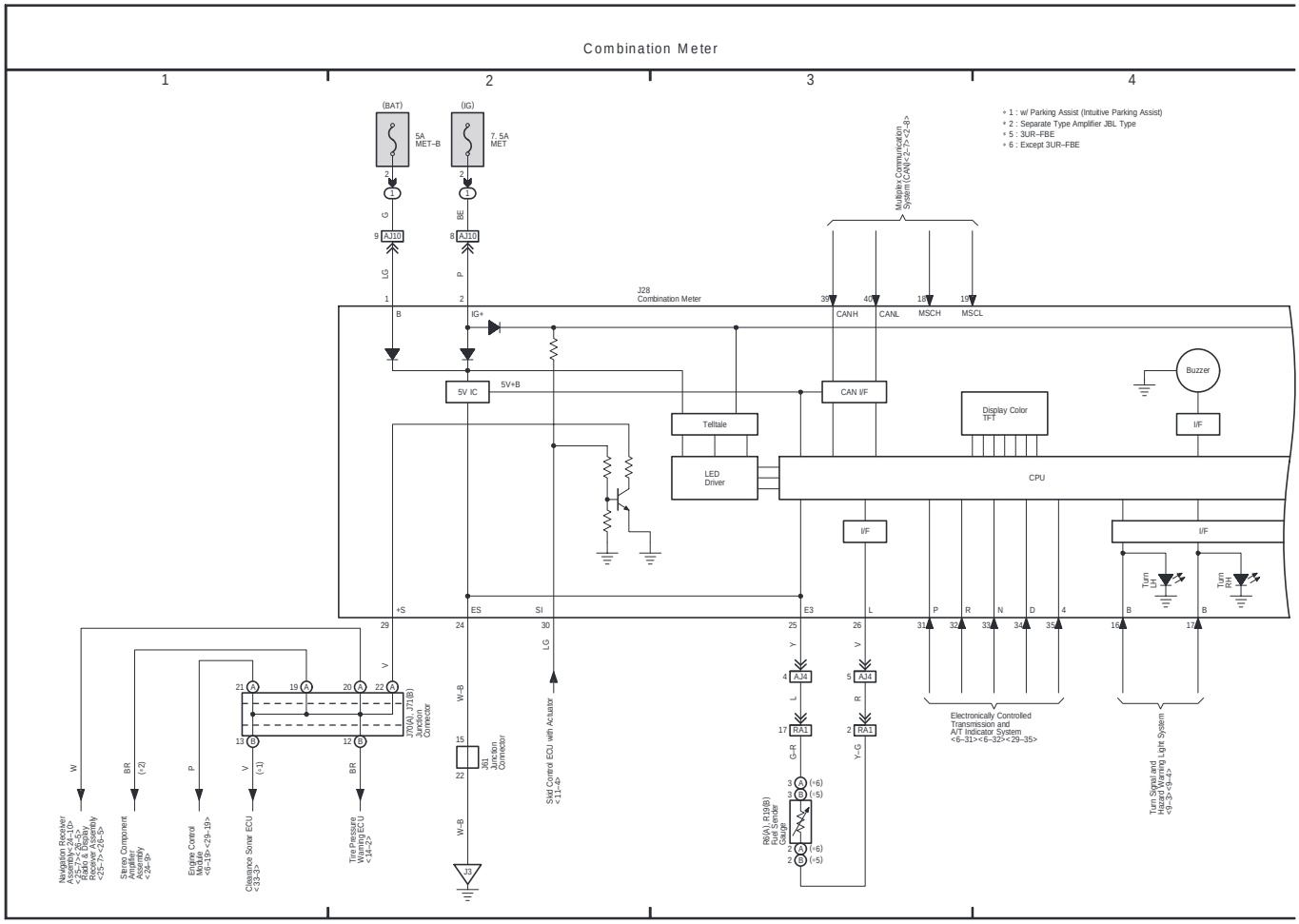

8 TOYOTA TUNDRA
Back–Up Light
Stop Light
1
2
3
4
* 1 : Column Shift
* 2 : Floor Shift
7.5A
DI–HG
7.5A
ACC
10A
BKUP LP
7.5A
ECU–IG
No. 1
15A
STOP
Back–Up Light
Relay
BRK NO. 2 Relay
BRK NO. 1 Relay
Stop Light
Switch
Diode
(Ignition)
Junction
Connector
Back–Up
Light
Assembly LH
Back–Up
Light
Assembly RH
Tail/Side Marker
High Mounted
Stop Light
Park/Neutral
Position Switch
Shift Lock Control ECU
<15–2><15–4>
Engine Control Module
<6–18><29–18>
Skid Control ECU
with Actuator
<11–4>
Flasher Relay<10–1>
Brake Control Relay with Bracket<10–1>
Rear Combination
Light Assembly LH
Rear Combination
Light Assembly RH
Cargo Light
Junction Connector

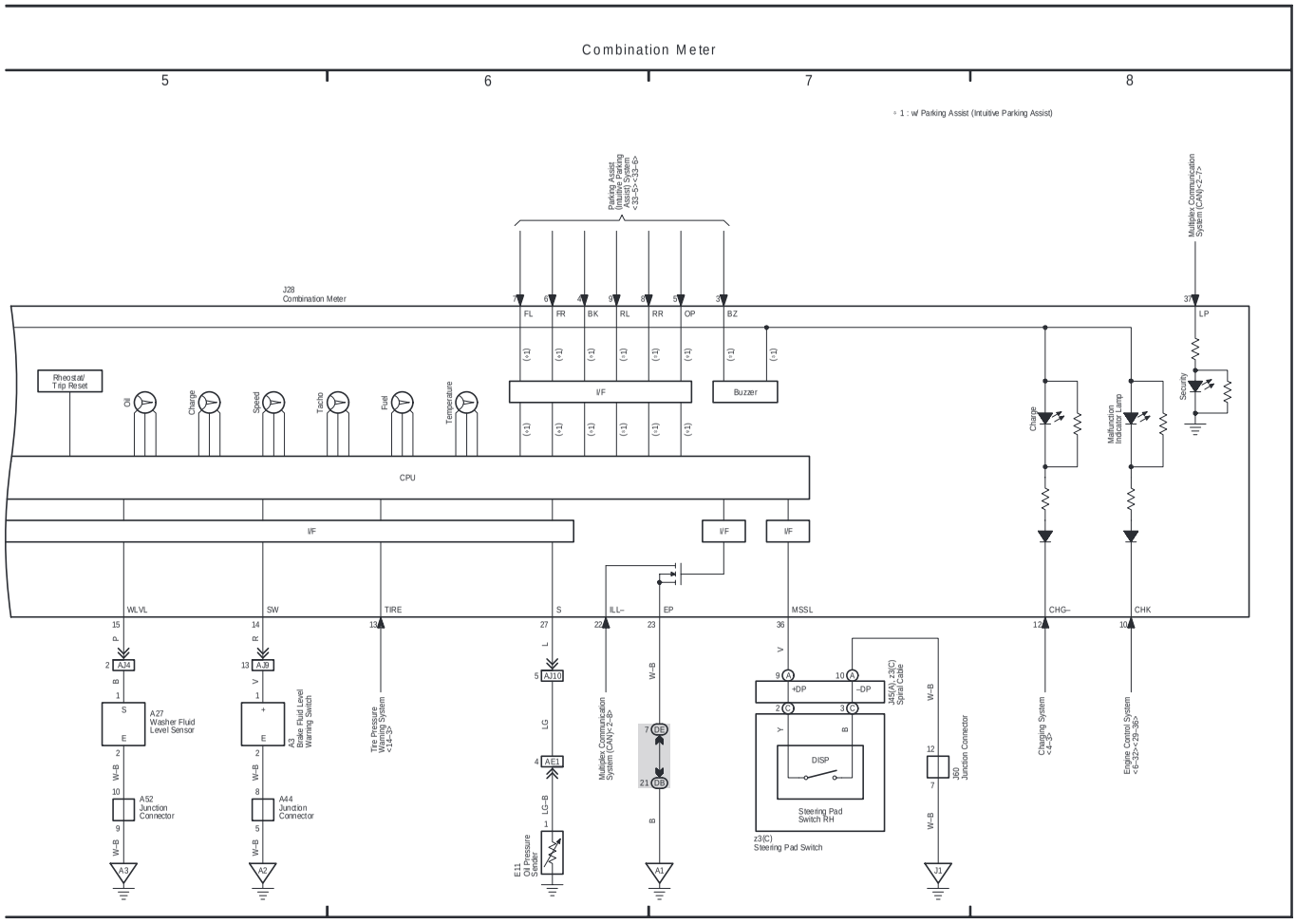
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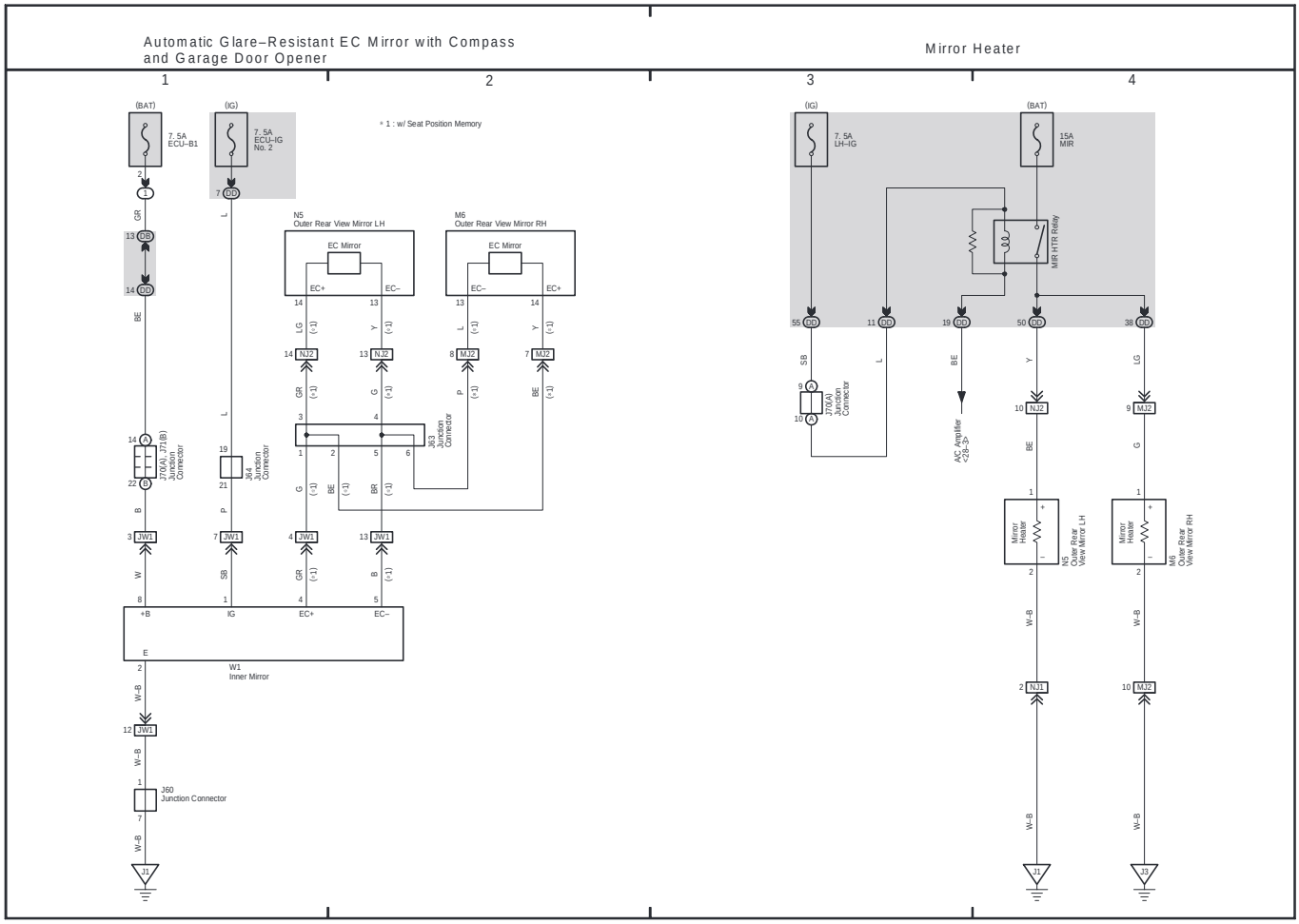


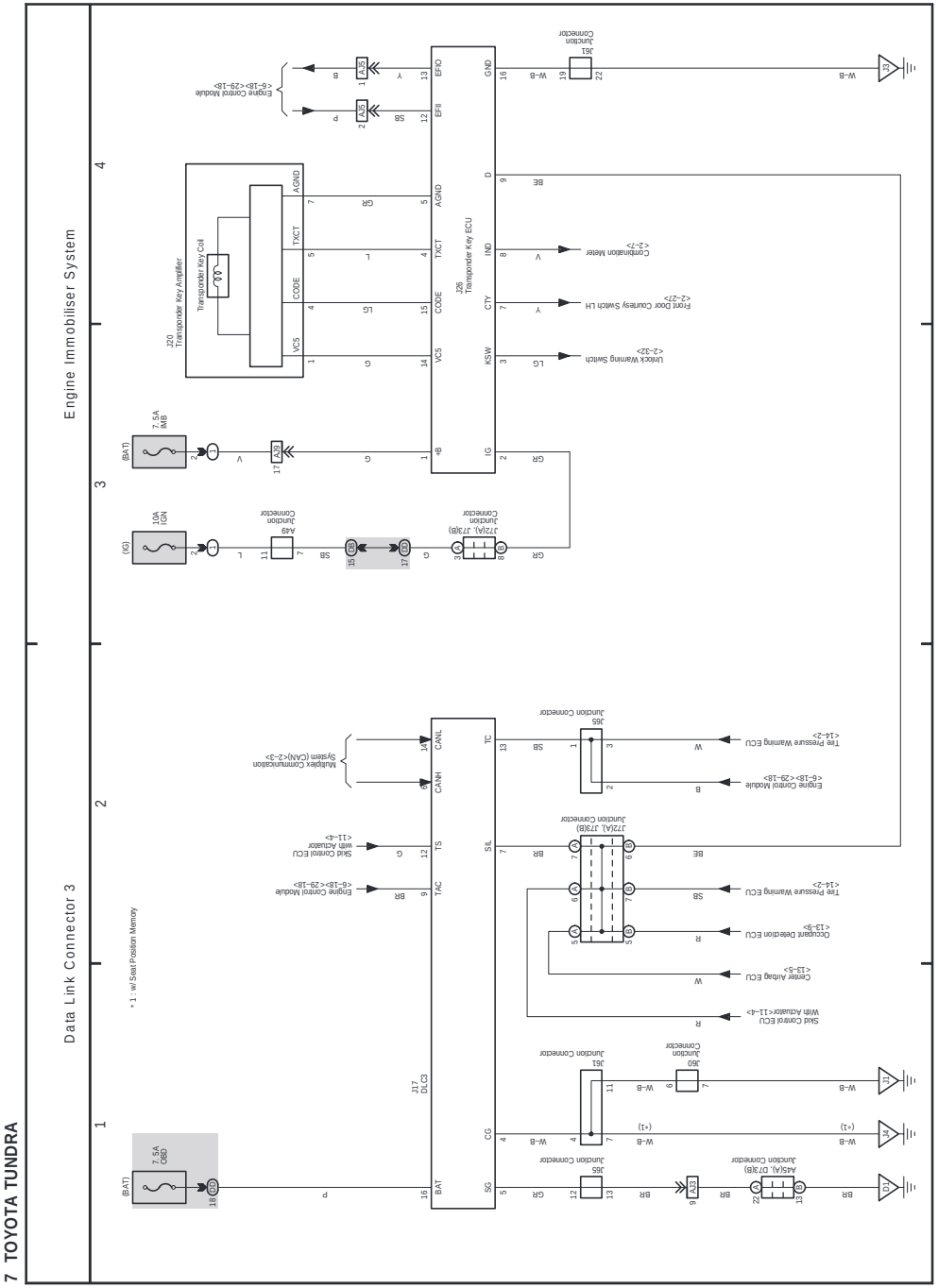

Blind Spot Monitor System
5
6
7
8
(BAT)
(IG)
5A
MET-B
7. 5A
MET
2
1
G
BE
9 A110
8 A110
LG
P
Multiplex Communication System (CAN) <2-B>
J28
Combination Meter
1
2
35
40
B
IG+
CANH
CANL
5V IC
5V+B
CAN I/F
Telltale
Display Color TFT
LED Driver
CPU
ES
24
W-B
15
J61 Junction Connector
22
W-B
J3

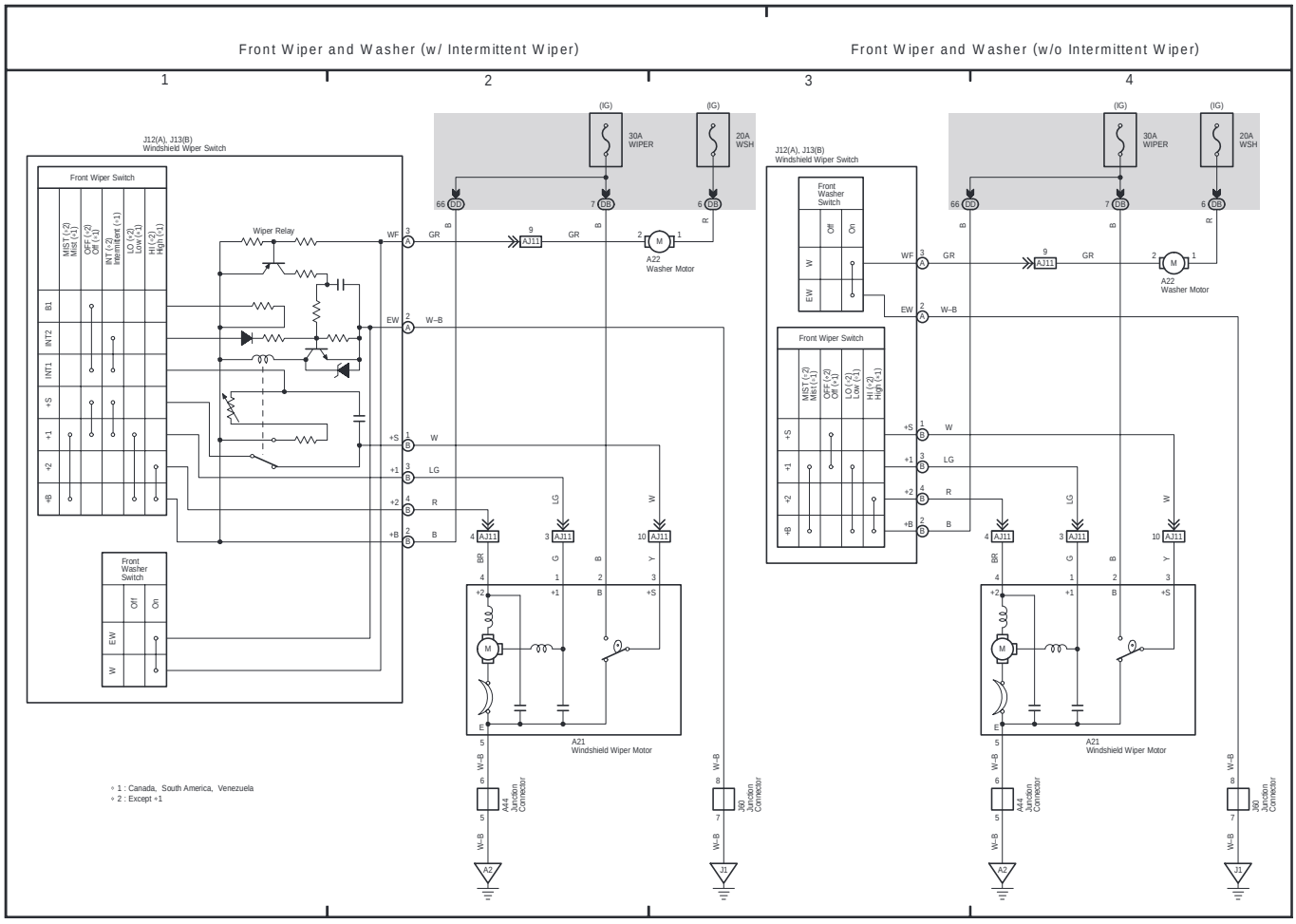
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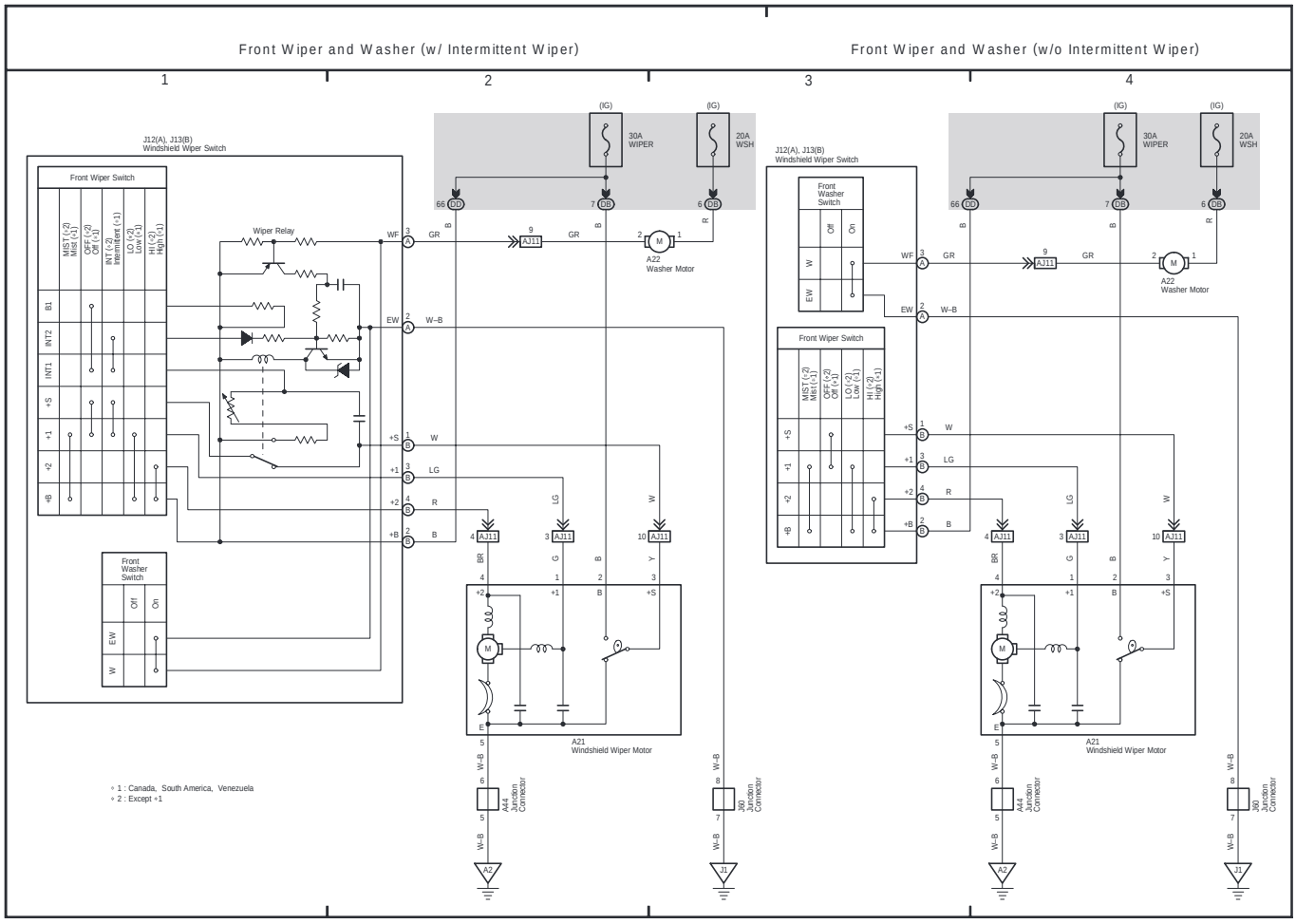

Combination Meter
5
6
7
8
◦ 1 : w/ Parking Assist (Intuitive Parking Assist)
Parking Assist (Intuitive Parking Assist) System <3B-5>,<3B-6>
Multiplex Communication System (CAN)<2-7>
J28 Combination Meter
FL
FR
BK
RL
RR
OP
BZ
LP
I/F
Buzzer
Rheostat/ Trip Reset
Oil
Charge
Speed
Tachio
Fuel
Temperature
CPU
Charge
Malfunction Indicator Lamp
Security
WLVL
SW
TIRE
S
ILL–
EP
MSSL
CHG–
CHK
A27 Washer Fluid Level Sensor
A52 Junction Connector
A44 Junction Connector
Brake Fluid Level Warning Switch
Tire Pressure Warning System <11-3>
E11 Oil Pressure Sender
Multiplex Communication System (CAN)<2-8>
Steering Pad Switch RH
z3(C) Steering Pad Switch
J45(A), z3(C) Spiral Cable
J52 Junction Connector
Charging System <4-3>
Engine Control System <1B-32>,<2B-36>
DISP
+DP
–DP


Automatic Glare–Resistant EC Mirror with Compass and Garage Door Opener
Mirror Heater
1
2
3
4
(BAT)
(IG)
7. 5A ECU–B1
7. 5A ECU–IG No. 2
* 1 : w/ Seat Position Memory
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
EC Mirror
EC+
EC–
J70(A), J71(B) Junction Connector
J64 Junction Connector
J63 Junction Connector
W1 Inner Mirror
J60 Junction Connector
+B
IG
E
7. 5A LH–IG
15A MIR
MIR HTR Relay
J70(A) Junction Connector
A/C Amplifier <23>–3
Mirror Heater
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH

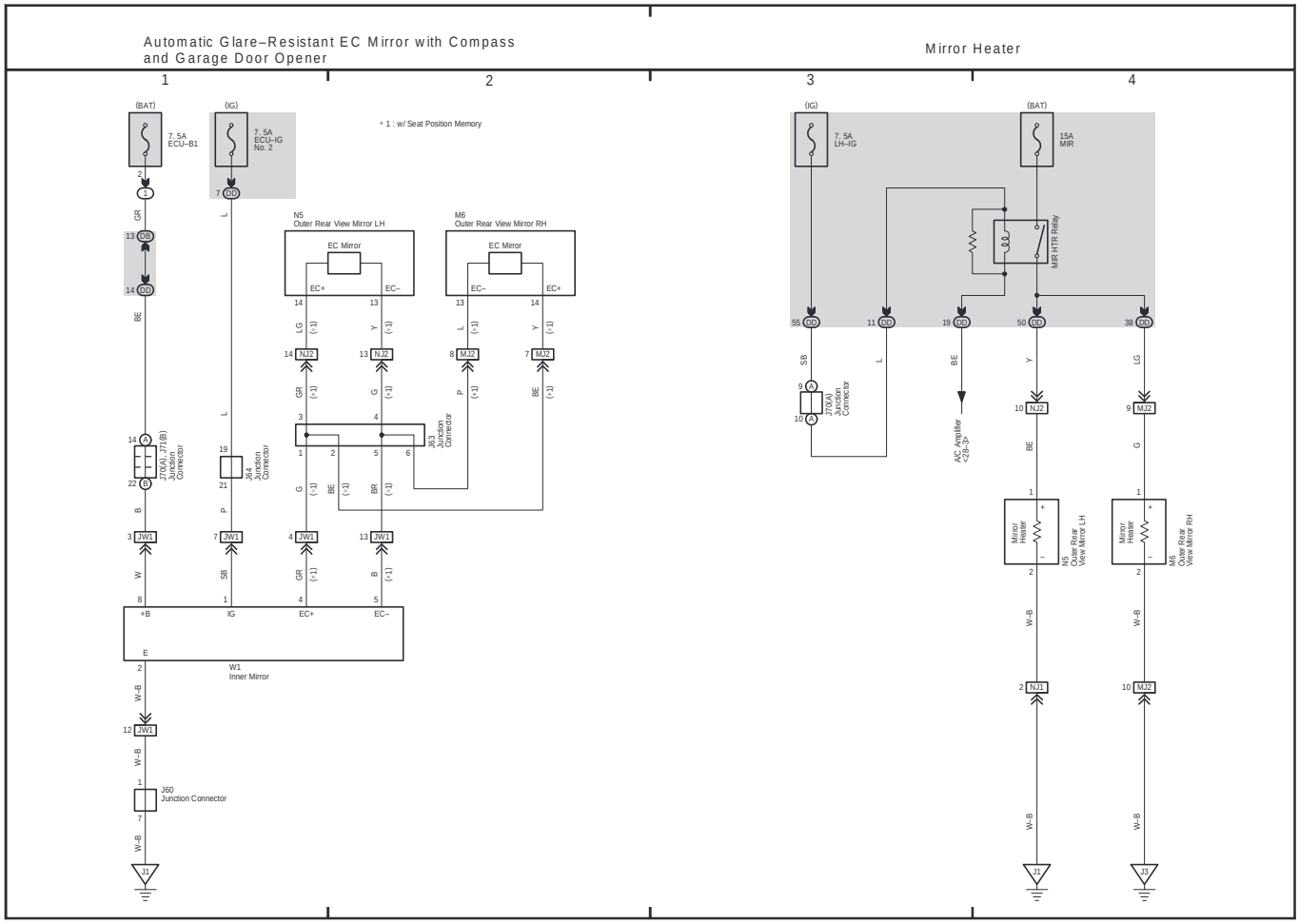

7 TOYOTA TUNDRA
Engine Immobiliser System
Data Link Connector 3
1
2
3
4
* 1 : w/ Seat Position Memory
(BAT)
7.5A
OBD
(IG)
10A
IGN
7.5A
IMB
J17
DLC3
BAT
SIG
CG
CANL
CANH
TS
TAC
TC
SIL
J20
Transponder Key Amplifier
Transponder Key Coil
CODE
TXCT
AGND
VCS
J26
Transponder Key ECU
EFI0
EFI1
GND
IND
CTY
KSW
IG
Junction Connector
J61
J65
J72(A), J73(B)
A45(A), D73(B)
A49
A20
A21
A23
Engine Control Module
<6-18>,<29-18>
Multiplex Communication System (CAN)<2-5>
Skid Control ECU with Actuator
<11-4>
Combination Meter
<2-7>
Front Door Courtesy Switch LH
<2-27>
Unlock Warning Switch
<2-32>
Tire Pressure Warning ECU
<14-2>
Occupant Detection ECU
<13-9>
Center Airbag ECU
<13-5>
Skid Control ECU
With Actuator<11-4>
J3
J4
J11
J12

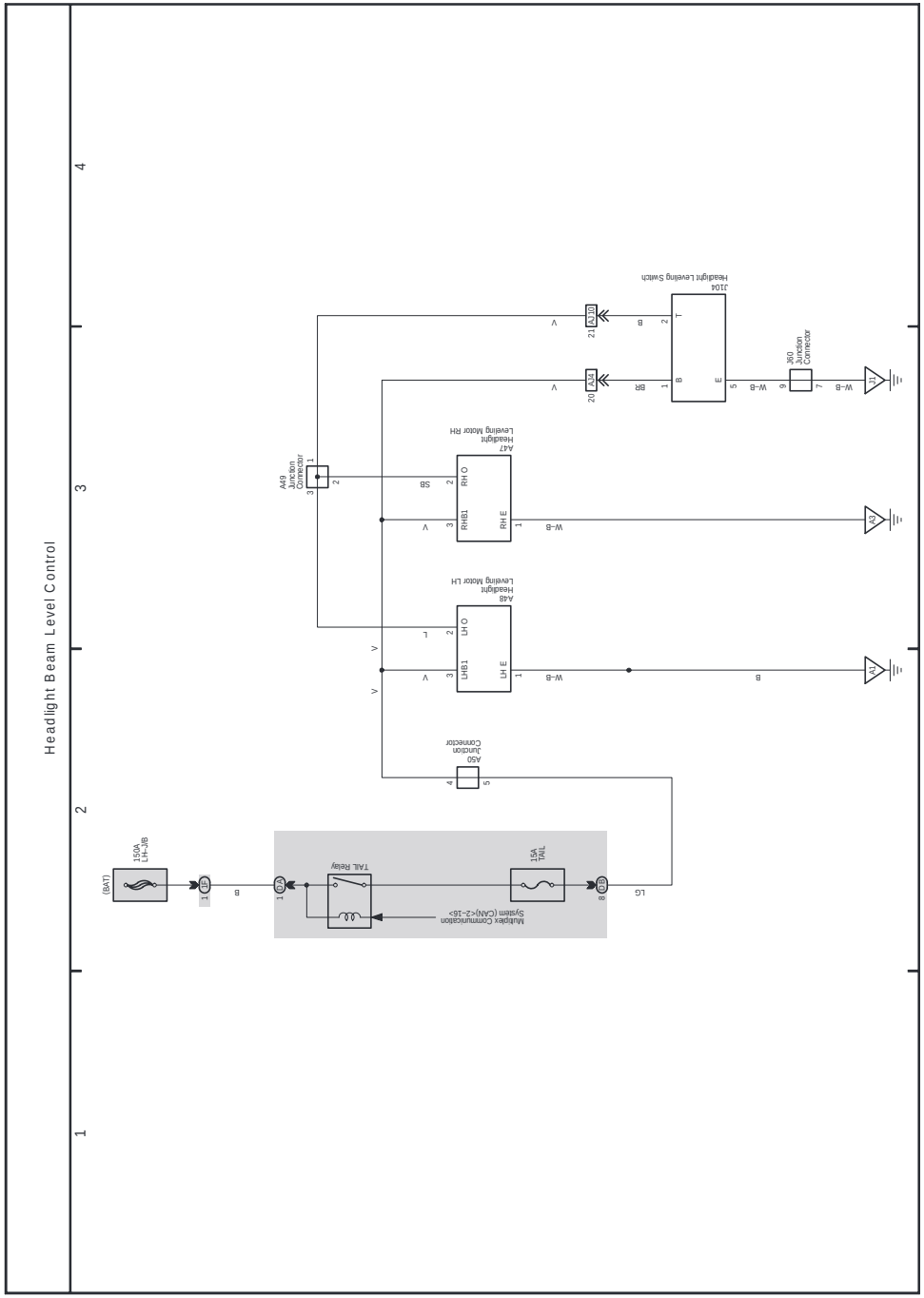

Front Wiper and Washer (w/ Intermittent Wiper)
Front Wiper and Washer (w/o Intermittent Wiper)
1
2
3
4
J12(A), J13(B)
Windshield Wiper Switch
Front Wiper Switch
MIST (-2)
Mist (-1)
OFF (-2)
Off (-1)
INT (-2)
Intermittent (-1)
Low (+1)
HI (+2)
High (+1)
B1
INT2
INT1
+S
+1
+2
+B
Wiper Relay
Front
Washer
Switch
Off
On
EW
W
(IG)
30A
WIPER
20A
WSH
A22
Washer Motor
A21
Windshield Wiper Motor
A44
Junction
Connector
J60
Junction
Connector
A2
J1
WF
EW
W–B
GR
W
LG
R
B
BR
G
Y
◦ 1 : Canada, South America, Venezuela
◦ 2 : Except +1

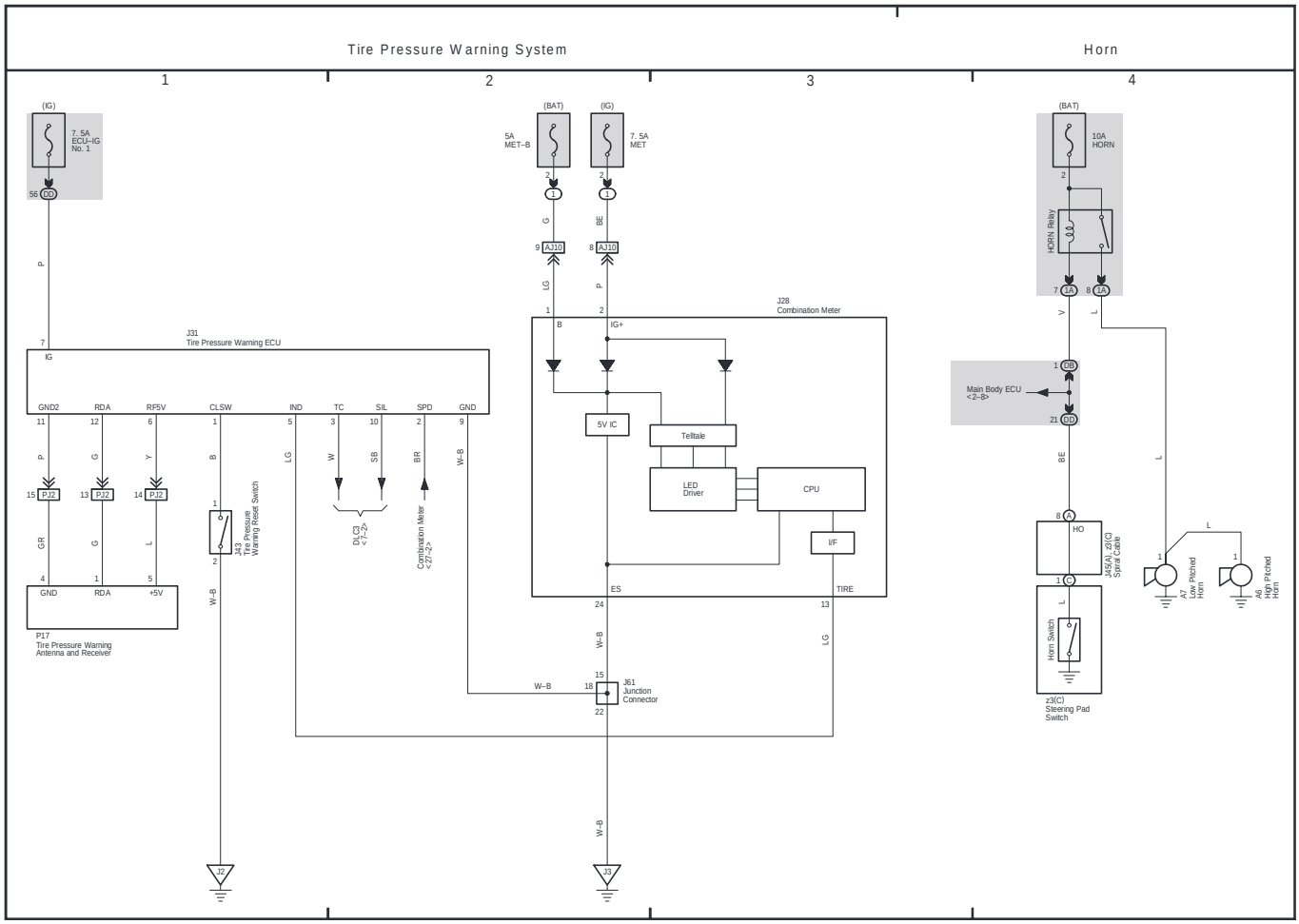
M


Front Wiper and Washer (w/ Intermittent Wiper)
Front Wiper and Washer (w/o Intermittent Wiper)
1
2
3
4
J12(A), J13(B)
Windshield Wiper Switch
Front Wiper Switch
MIST (-2)
Mist (-1)
OFF (-2)
Off (-1)
INT (-2)
Intermittent (-1)
Low (+1)
HI (+2)
High (+1)
B1
INT2
INT1
+S
+1
+2
+B
Wiper Relay
Front
Washer
Switch
Off
On
EW
W
(IG)
30A
WIPER
20A
WSH
A22
Washer Motor
A21
Windshield Wiper Motor
A44
Junction
Connector
J60
Junction
Connector
A2
J1
WF
EW
W–B
GR
W
LG
R
B
BR
G
Y
◦ 1 : Canada, South America, Venezuela
◦ 2 : Except +1

M

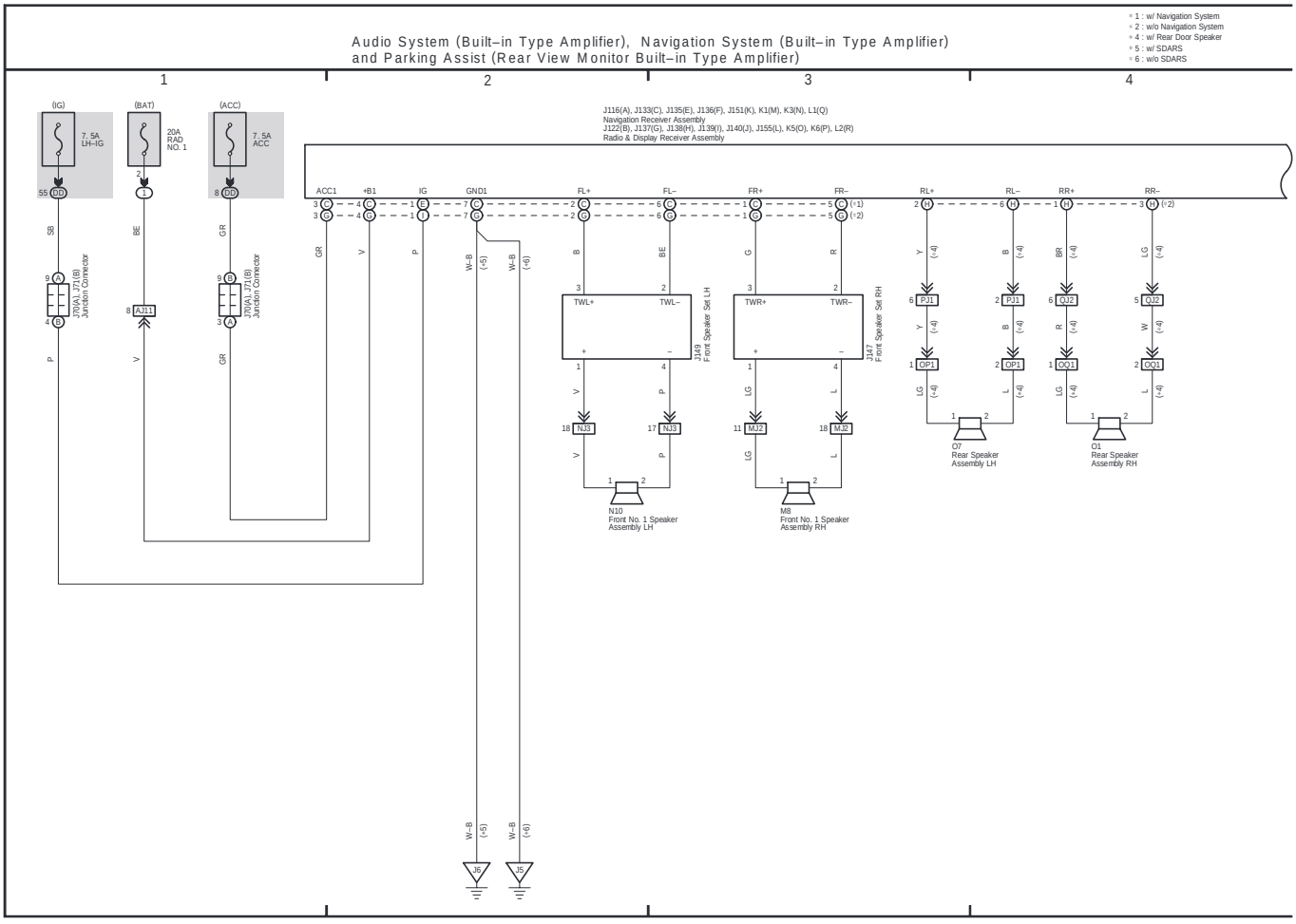

Automatic Glare–Resistant EC Mirror with Compass and Garage Door Opener
Mirror Heater
1
2
3
4
(BAT)
(IG)
7. 5A ECU–B1
7. 5A ECU–IG No. 2
* 1 : w/ Seat Position Memory
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
EC Mirror
EC+
EC–
J70(A), J71(B) Junction Connector
J64 Junction Connector
J63 Junction Connector
W1 Inner Mirror
J60 Junction Connector
+B
IG
E
7. 5A LH–IG
15A MIR
MIR HTR Relay
J70(A) Junction Connector
A/C Amplifier <23>–3
Mirror Heater
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH


Headlight Beam Level Control
1
2
3
4
(BAT)
150A
LH-JB
1 E1
B
1 C26
TAIL Relay
15A
TAIL
8 C25
LG
Multiplex Communication System (CAN)<2-16>
A50
Junction Connector
4
5
A48
Headlight Leveling Motor LH
LH-O
LHB1
LH-E
L
V
W-B
B
A47
Headlight Leveling Motor RH
RH-O
RHB1
RH-E
SB
A49
Junction Connector
3
2
1
J104
Headlight Leveling Switch
21 CAN-
20 CAN+
BR
J60
Junction Connector
E1
E2

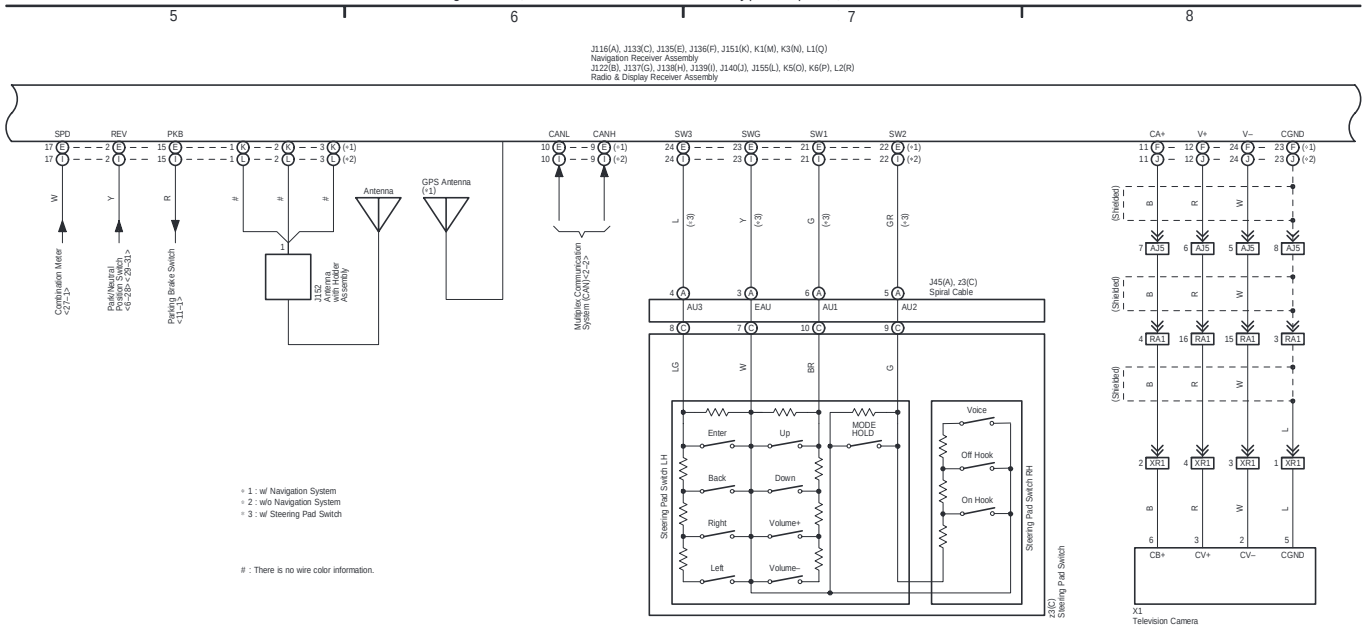

Tire Pressure Warning System
Horn
1
2
3
4
(IG)
7.5A ECU-IG No. 1
56 DD
P
7
IG
J31
Tire Pressure Warning ECU
GND2 RDA RF5V CLSW IND TC SIL SPD GND
11 12 6 1 5 3 10 2 9
P G Y B LG W SB BR W-B
15 P.J2 13 P.J2 14 P.J2
GR G L
4 1 5
GND RDA +5V
P17
Tire Pressure Warning Antenna and Receiver
1
2
S18
Tire Pressure Warning Reset Switch
W-B
J2
DLC3
<7-2>
Combination Meter
<27-2>
(BAT)
5A MET-B
(IG)
7.5A MET
2
1
G
BE
9 AJ10
8 AJ10
LG
P
1
2
J28
Combination Meter
B
IG+
5V IC
Telltale
LED Driver
CPU
I/F
ES
TIRE
24
13
W-B
LG
15
18
22
J61
Junction Connector
W-B
J3
(BAT)
10A HORN
HORN Relay
7 1A
8 1A
V
L
1 DB
Main Body ECU
<2-B>
21 DD
BE
L
8 A
HO
1 C
J45(A), J3(C)
Spiral Cable
L
Horn Switch
z3(C)
Steering Pad Switch
L
1
1
A7
Low Pitched Horn
A6
High Pitched Horn

(Cont. next page)

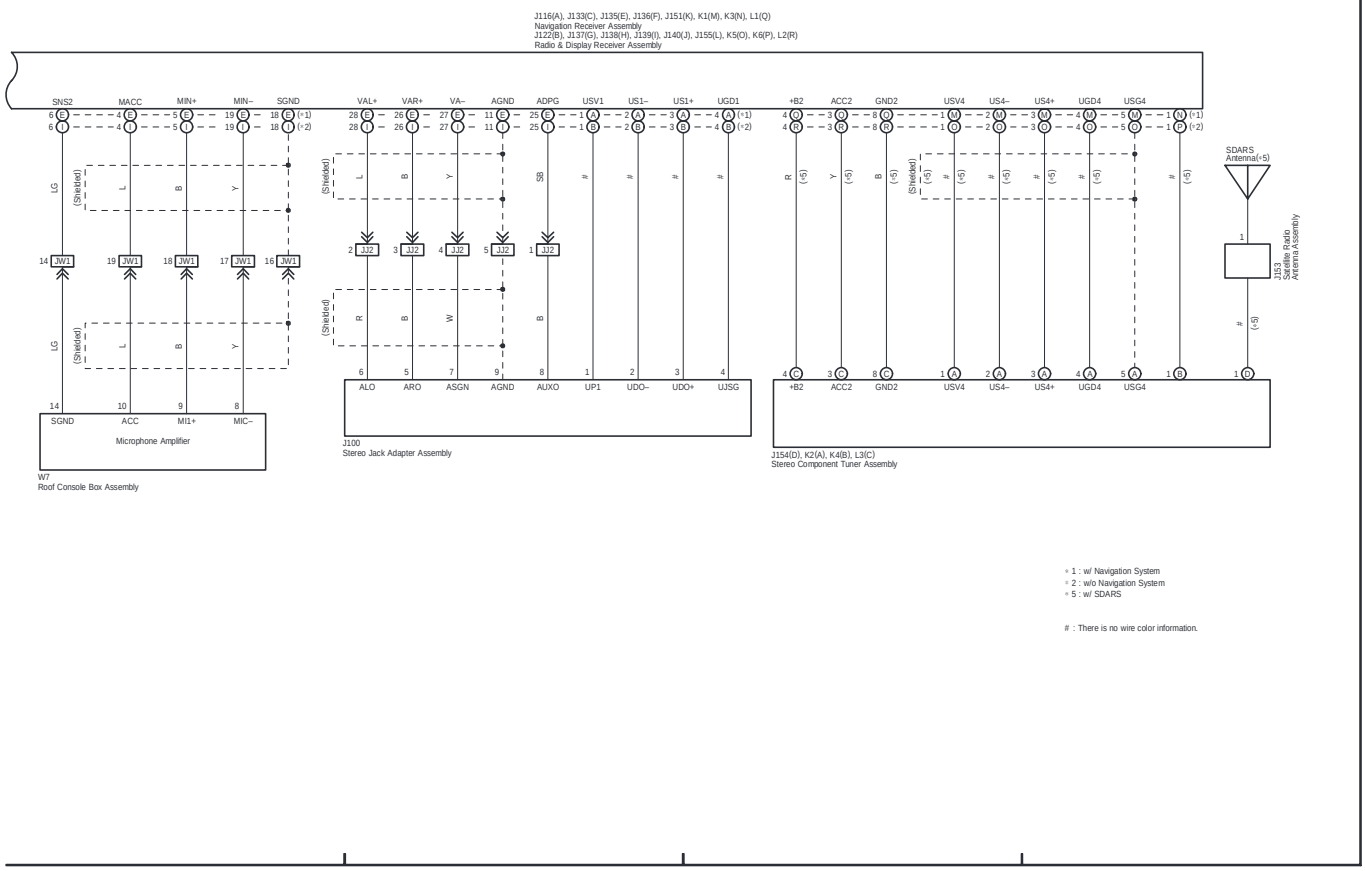
Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier)
and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)

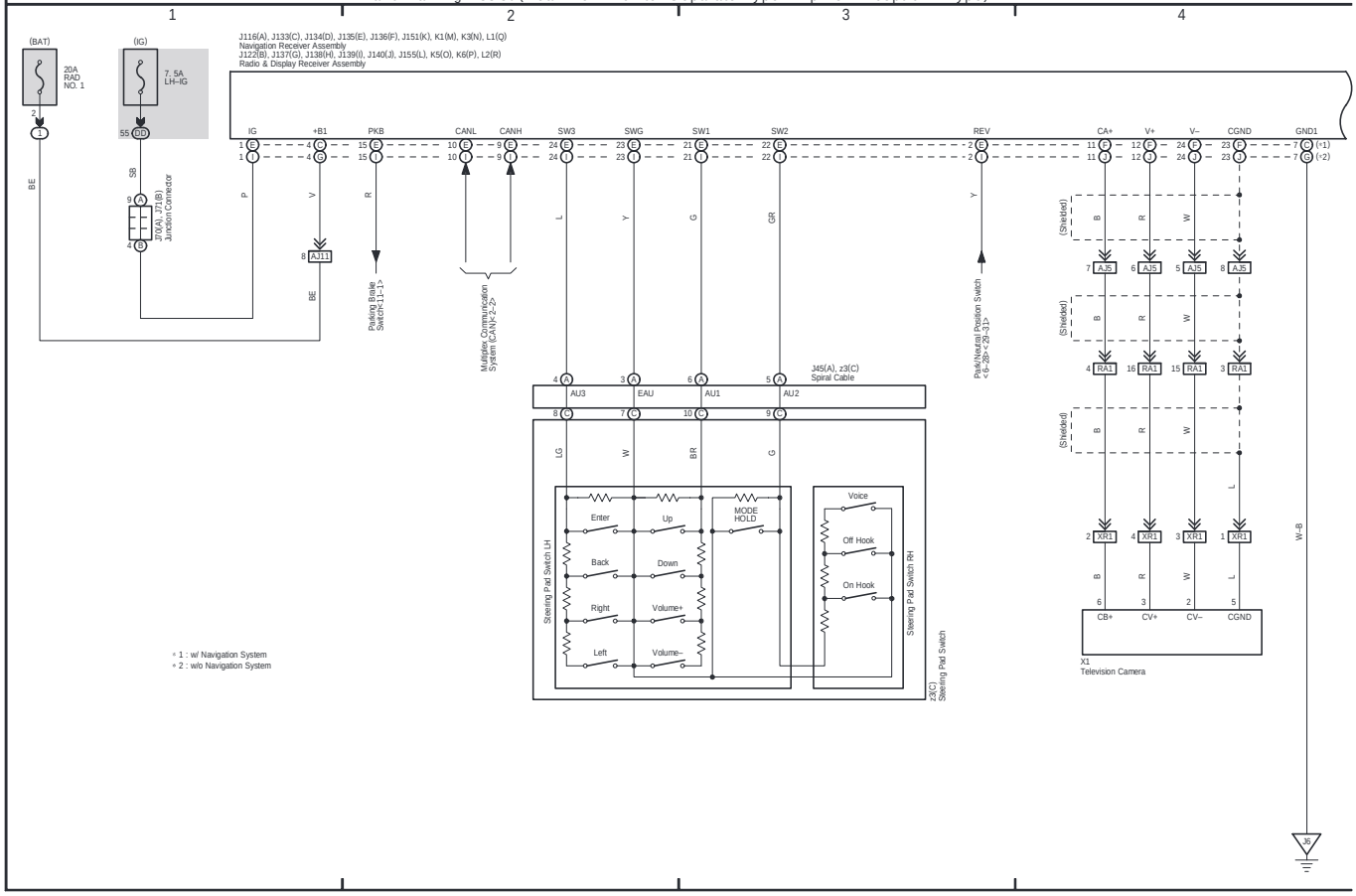


◦ 1 : w/ Navigation System
◦ 2 : w/o Navigation System
◦ 5 : w/ SDARS

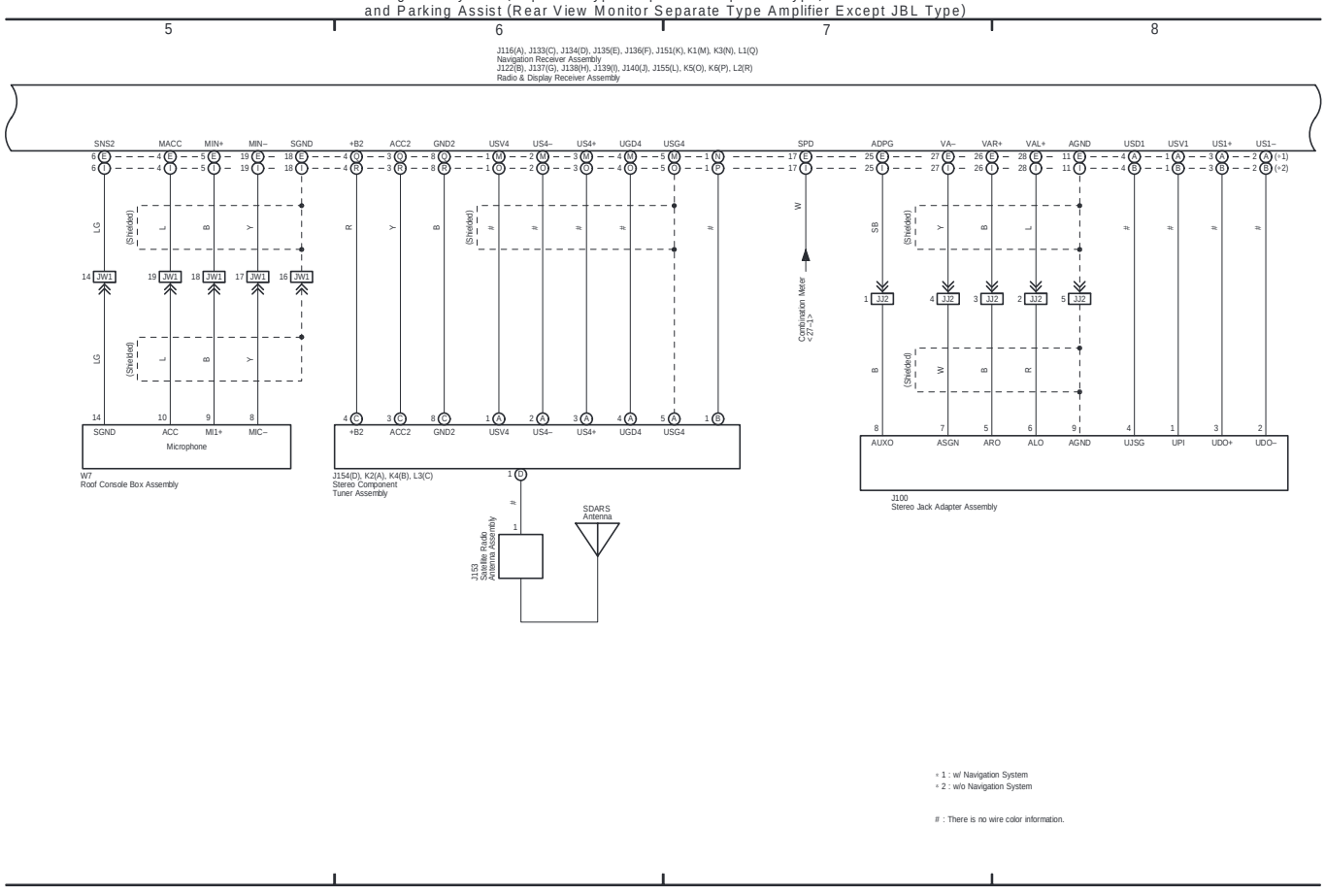
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Audio System (Separate Type Amplifier Except JBL Type), Navigation System (Separate Type Amplifier Except JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



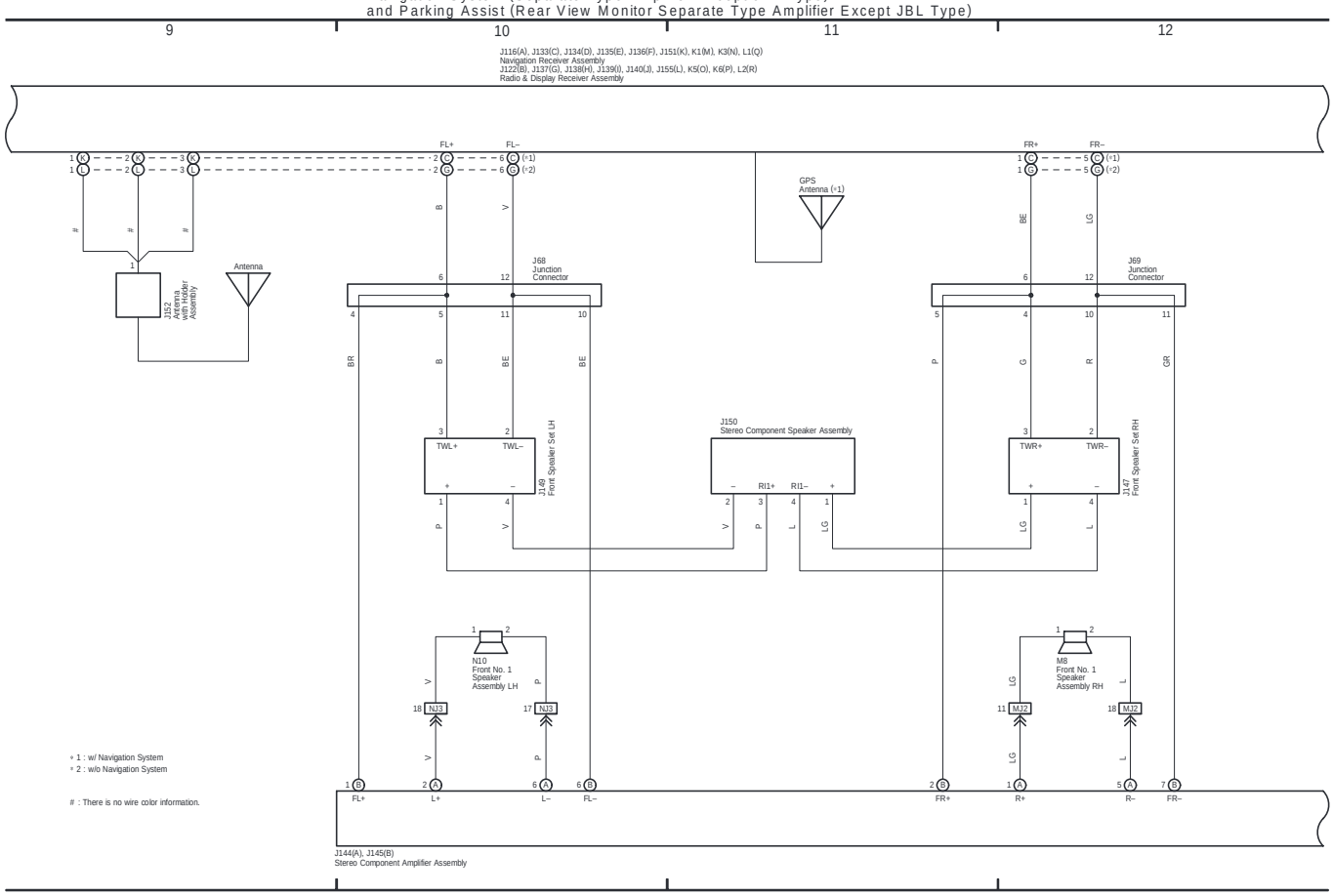
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)

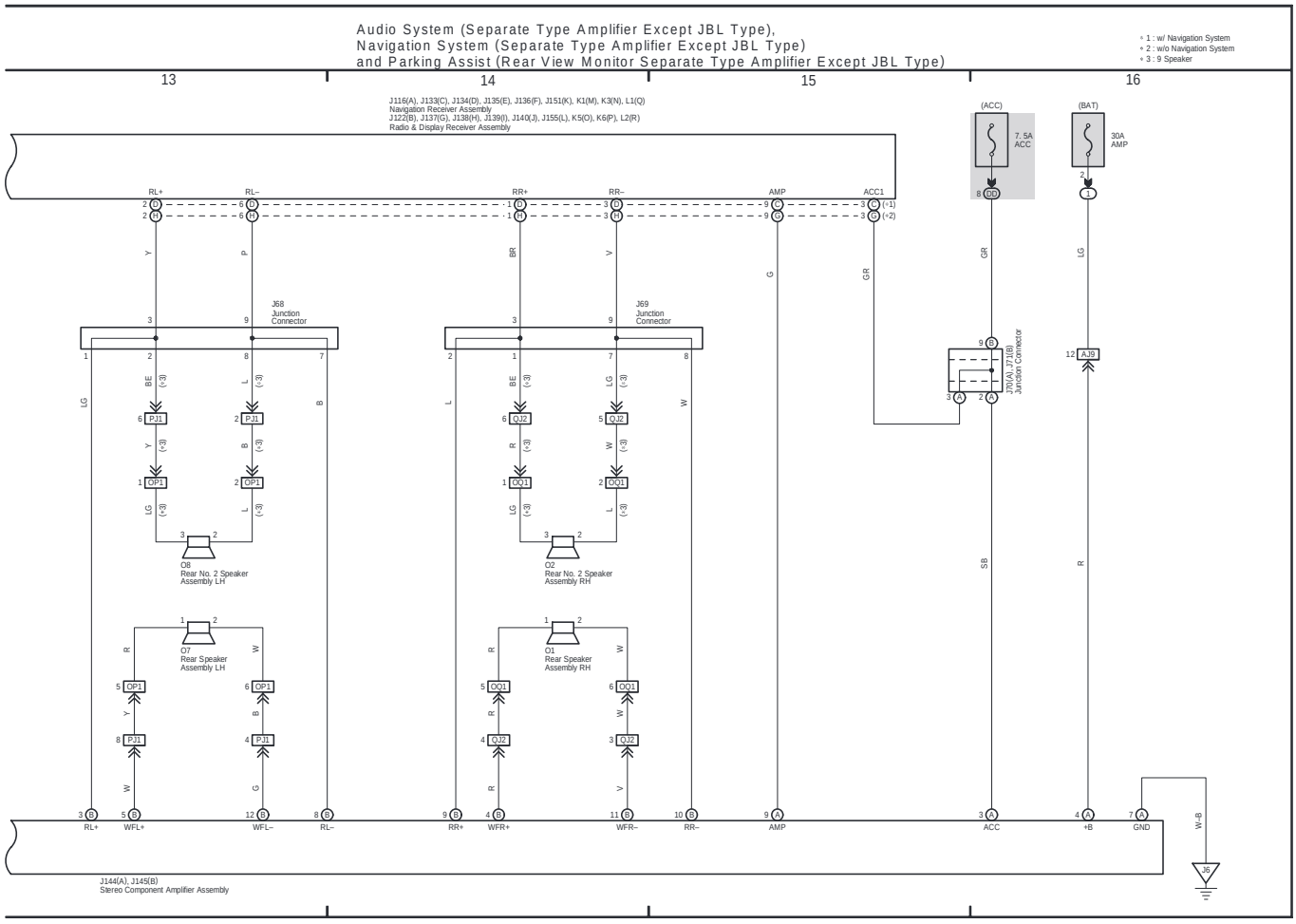


* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

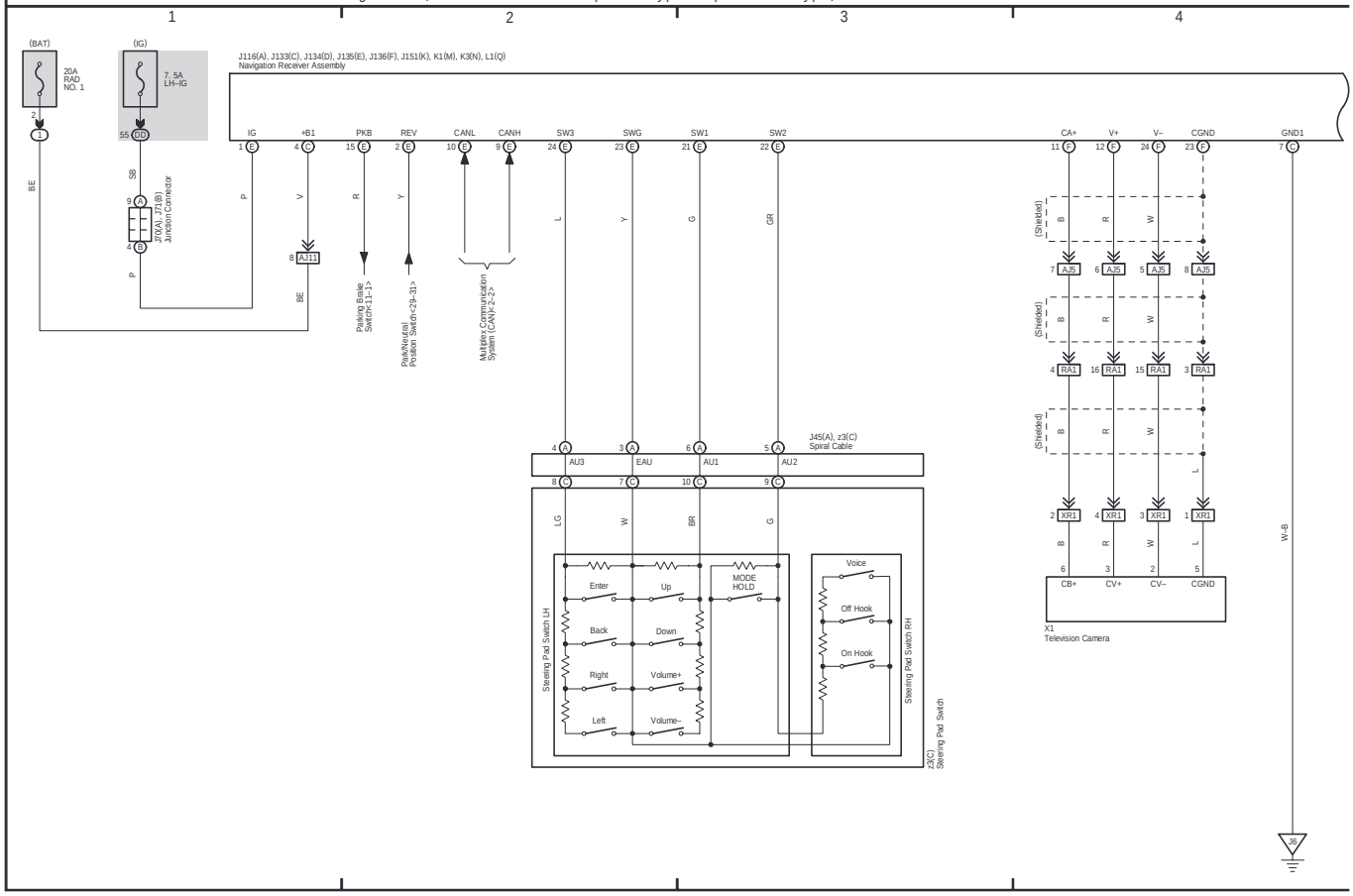
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



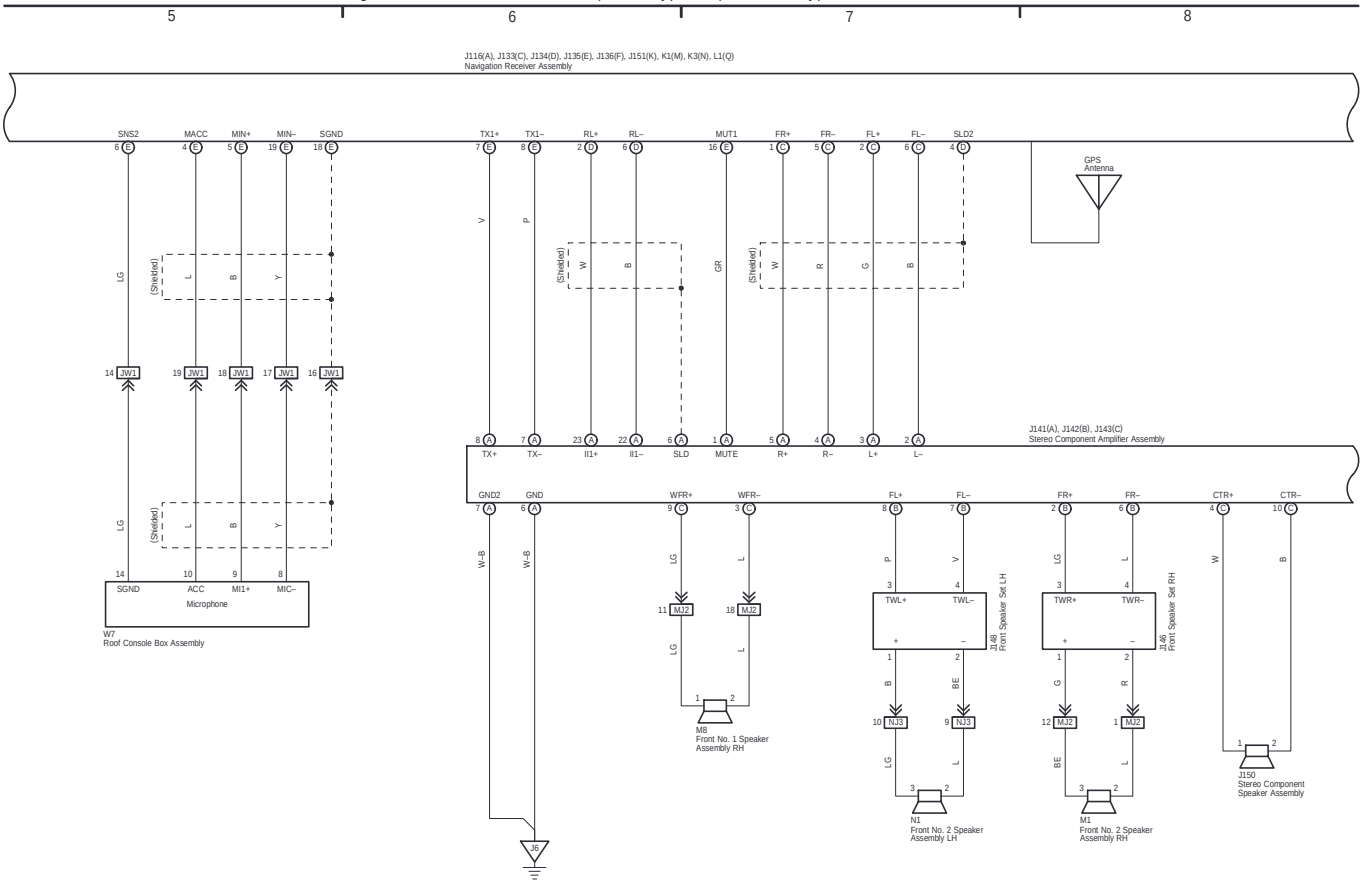

Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 3 : 9 Speaker
13
14
15
16
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
(ACC)
(BAT)
7. 5A
ACC
30A
AMP
RL+
RL−
RR+
RR−
AMP
ACC1
J68
Junction
Connector
J69
Junction
Connector
J70(A), J71(B)
Junction Connector
O8
Rear No. 2 Speaker
Assembly LH
O2
Rear No. 2 Speaker
Assembly RH
O7
Rear Speaker
Assembly LH
O1
Rear Speaker
Assembly RH
RL+
WFL+
WFL−
RL−
RR+
WFR+
WFR−
RR−
AMP
ACC
+B
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly

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Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

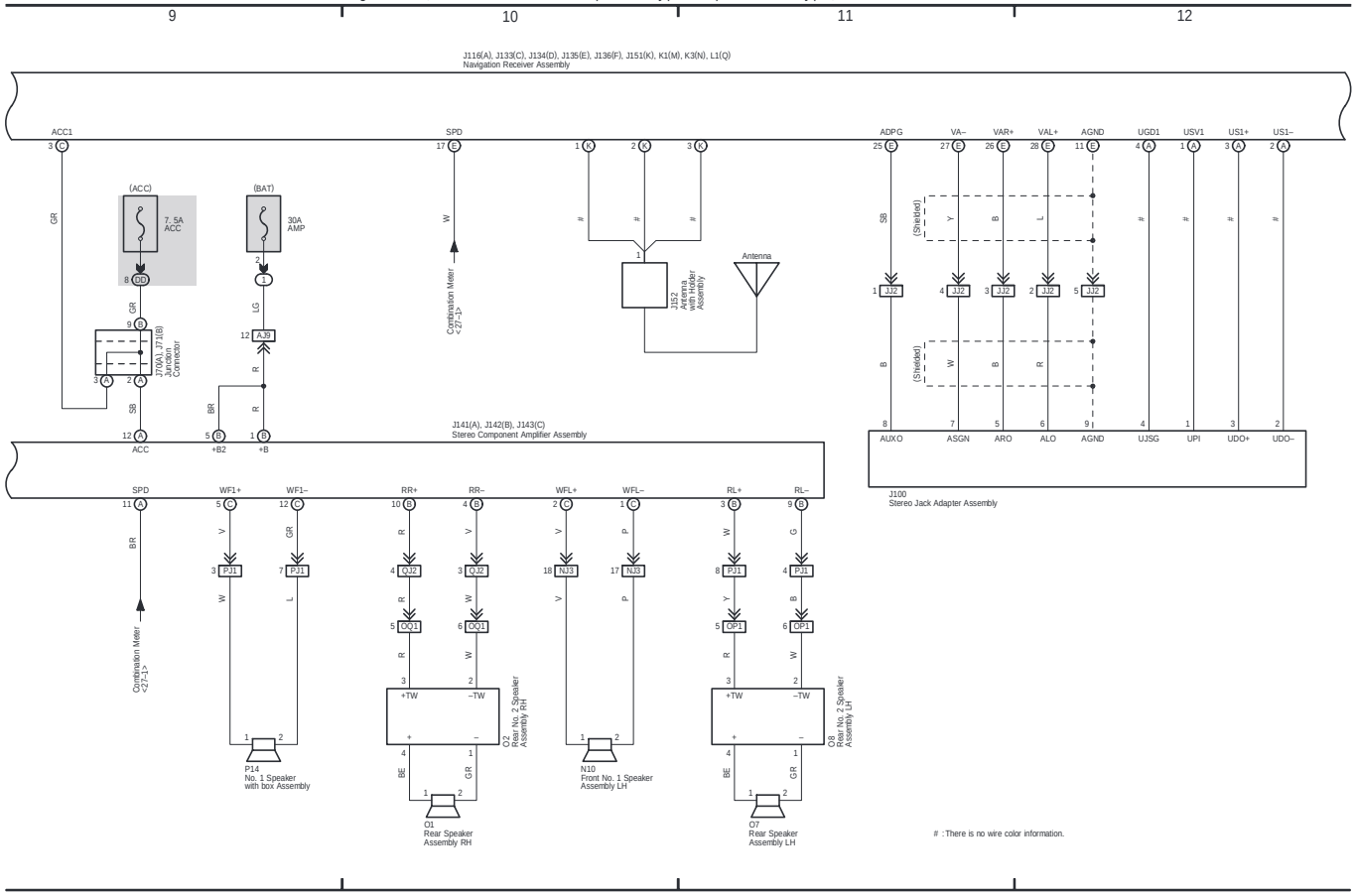


Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)



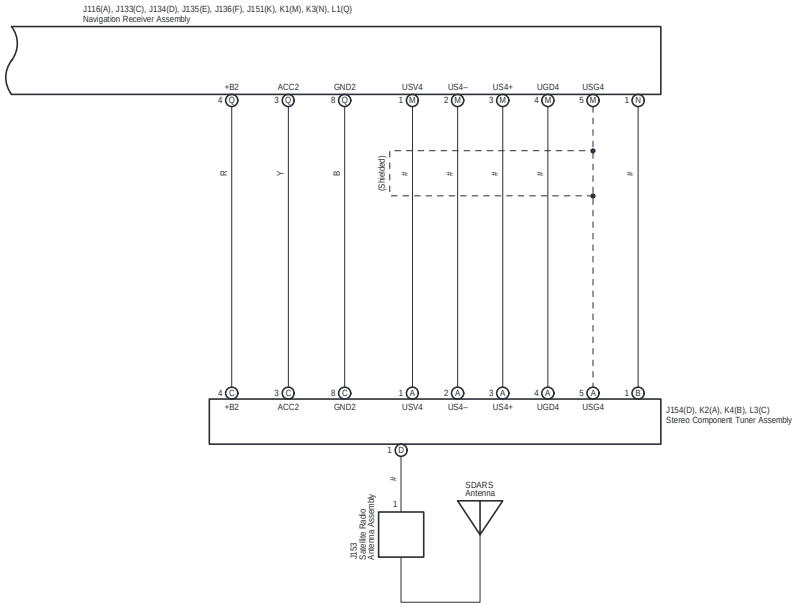
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Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)



Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

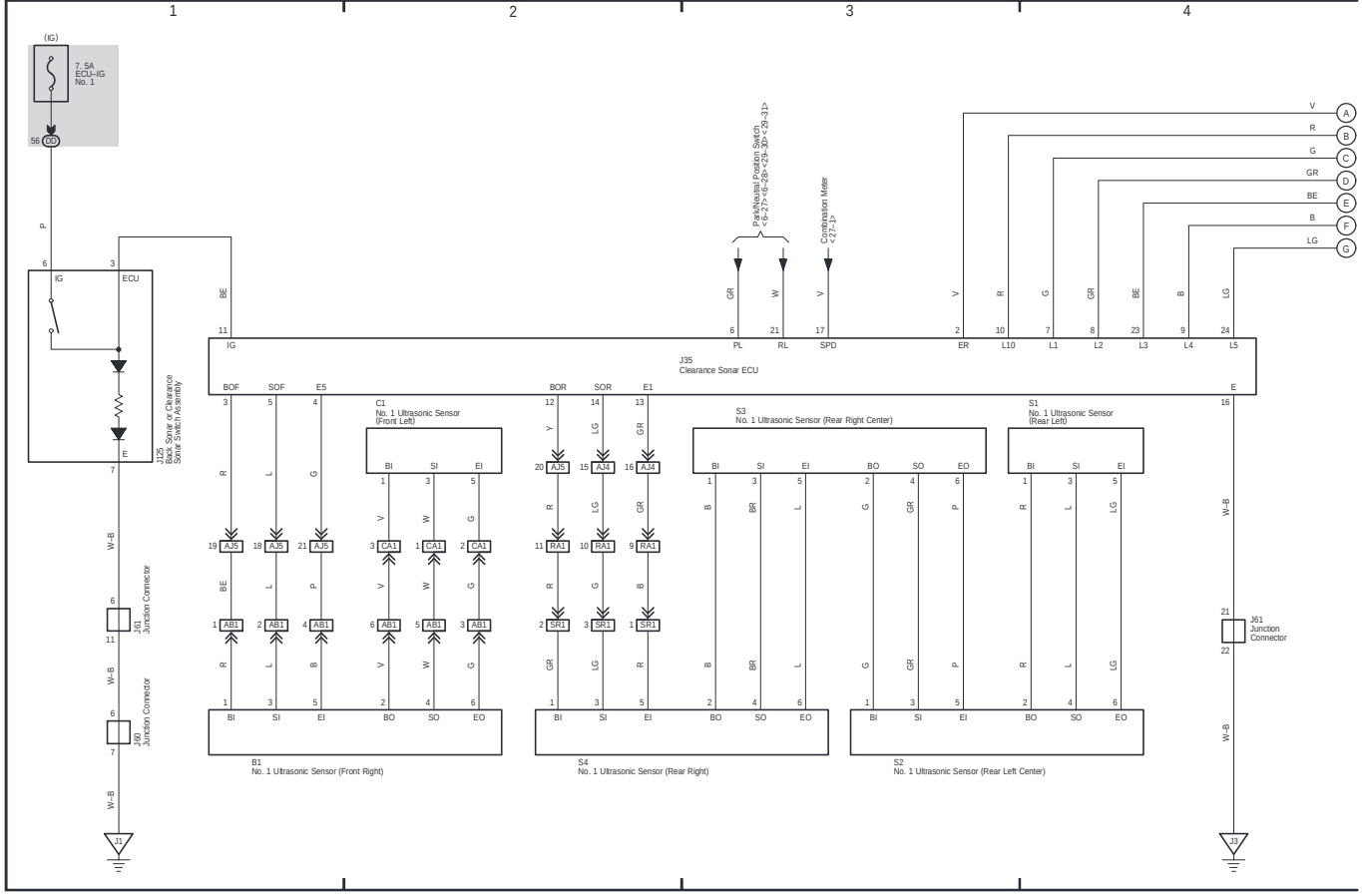
13 14 15 16

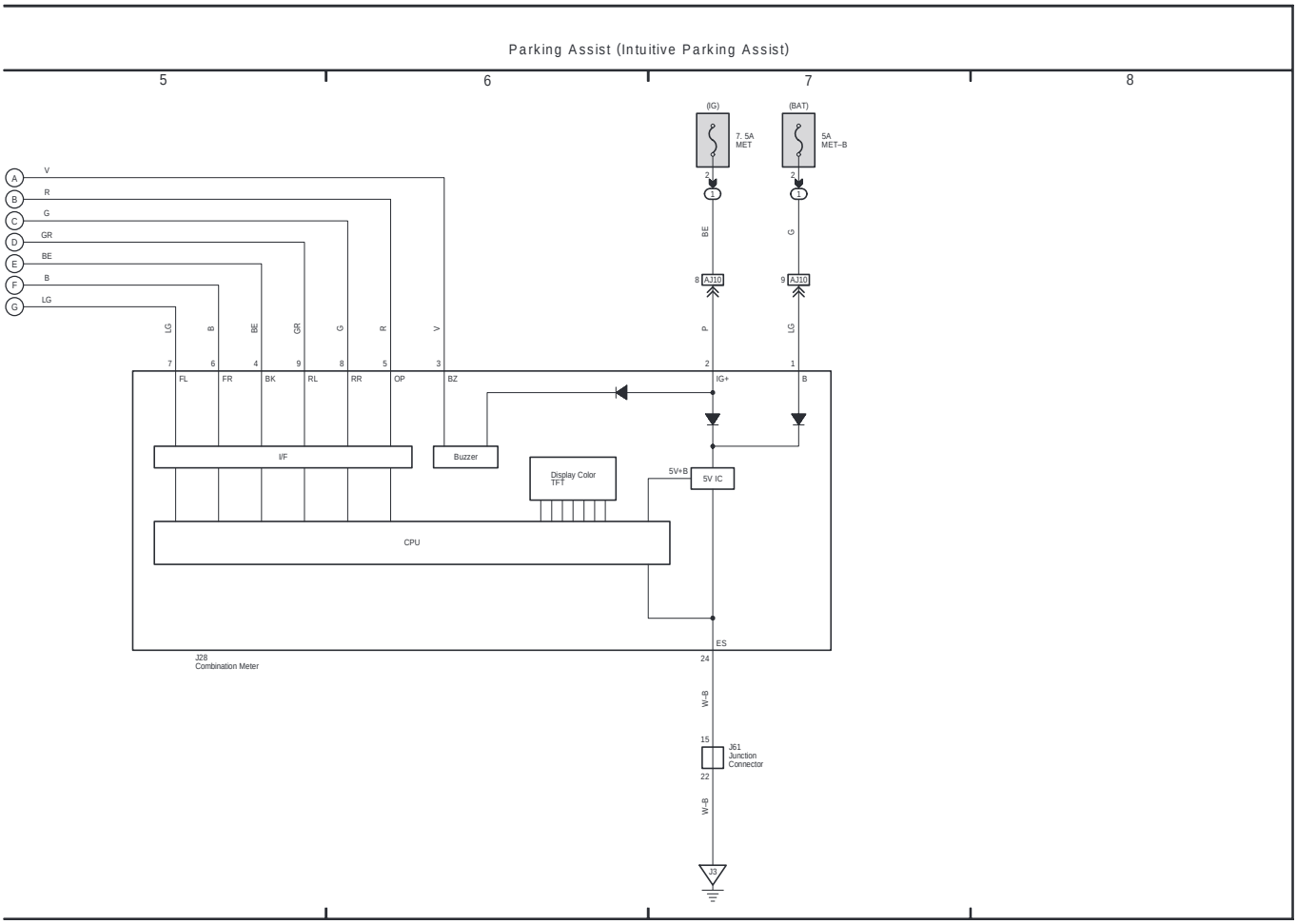


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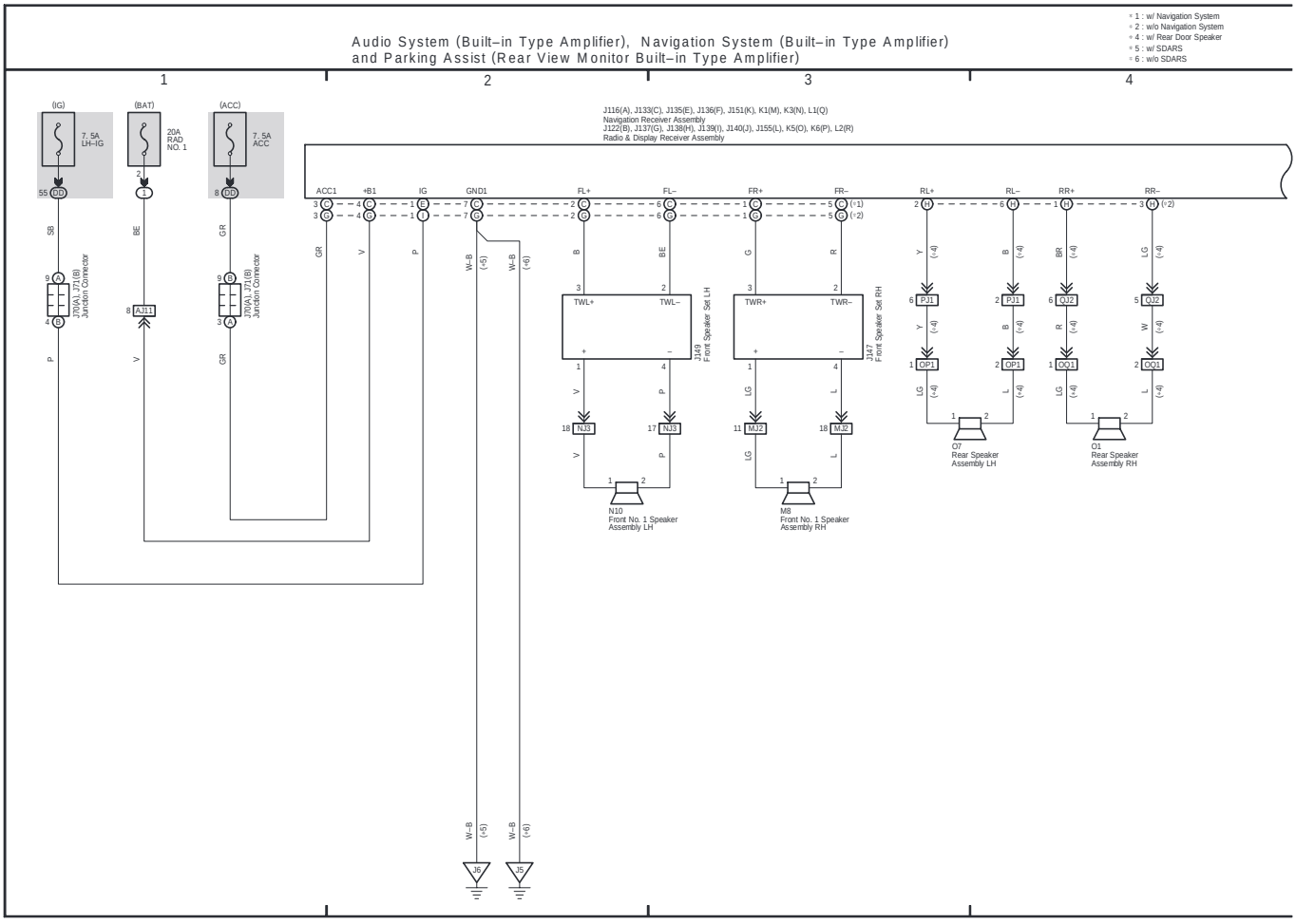
Parking Assist (Intuitive Parking Assist)



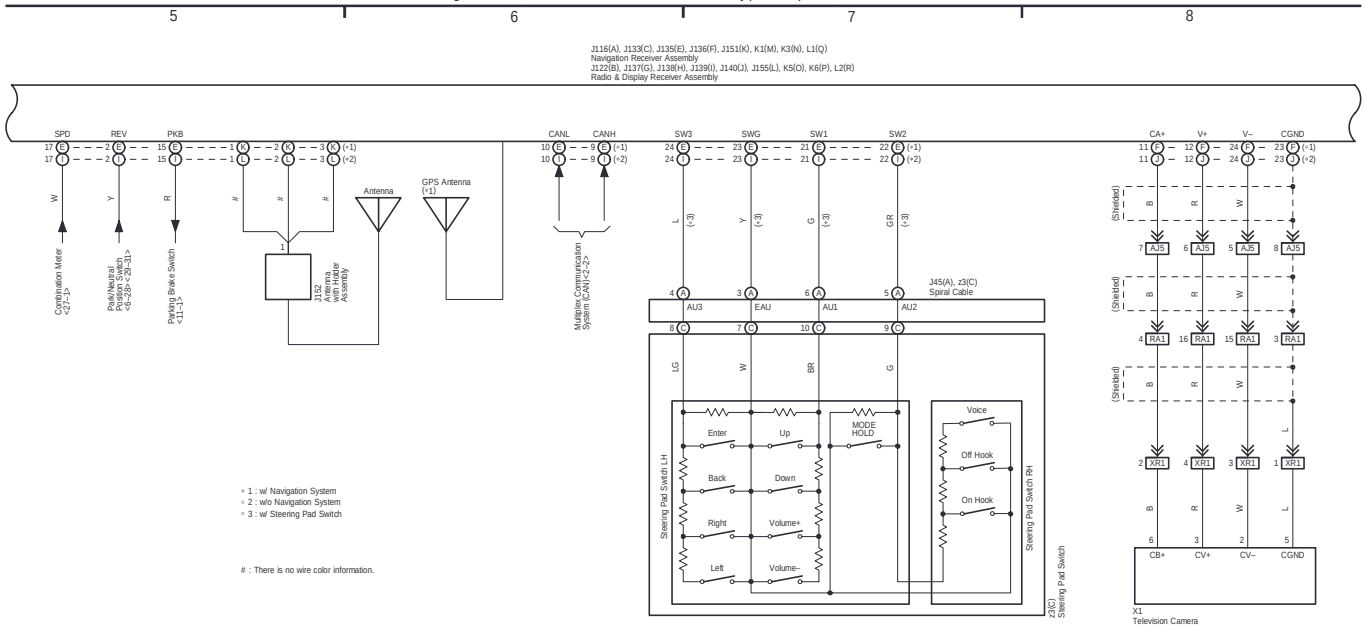

Parking Assist (Intuitive Parking Assist)
5
6
7
8
(IG)
(BAT)
7. 5A
MET
5A
MET–B
A
B
C
D
E
F
G
V
R
G
GR
BE
B
LG
BE
G
A310
A310
LG
B
BE
GR
G
R
V
P
LG
FL
FR
BK
RL
RR
OP
BZ
IG+
B
I/F
Buzzer
Display Color
TFT
5V+B
5V IC
CPU
ES
J28
Combination Meter
W-B
J61
Junction
Connector
W-B
J2

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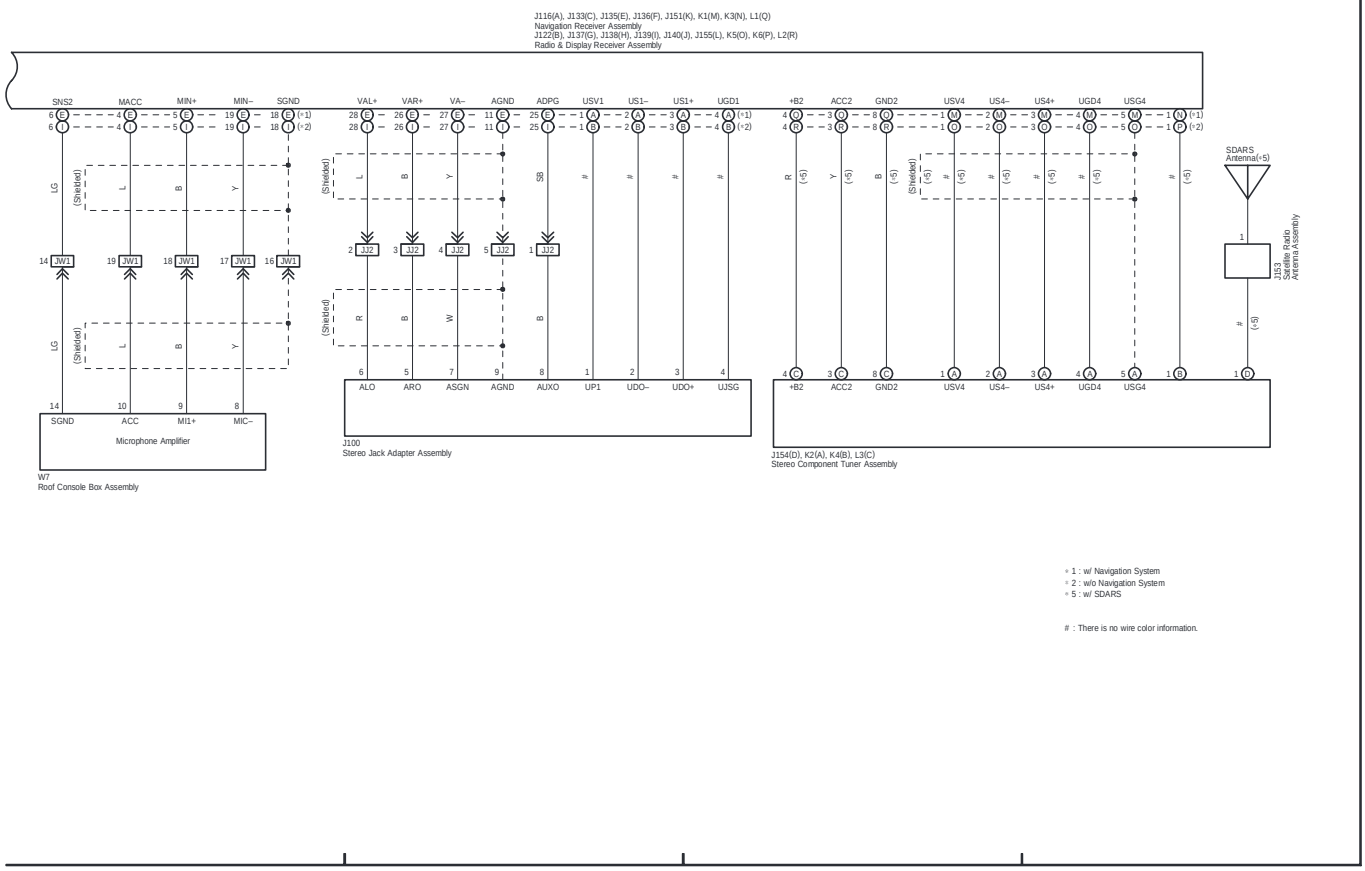
Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier)
and Parking Assist (Rear View Monitor Built–in Type Amplifier)



Audio System (Built–in Type Amplifier), Navigation System (Built–in Type Amplifier) and Parking Assist (Rear View Monitor Built–in Type Amplifier)

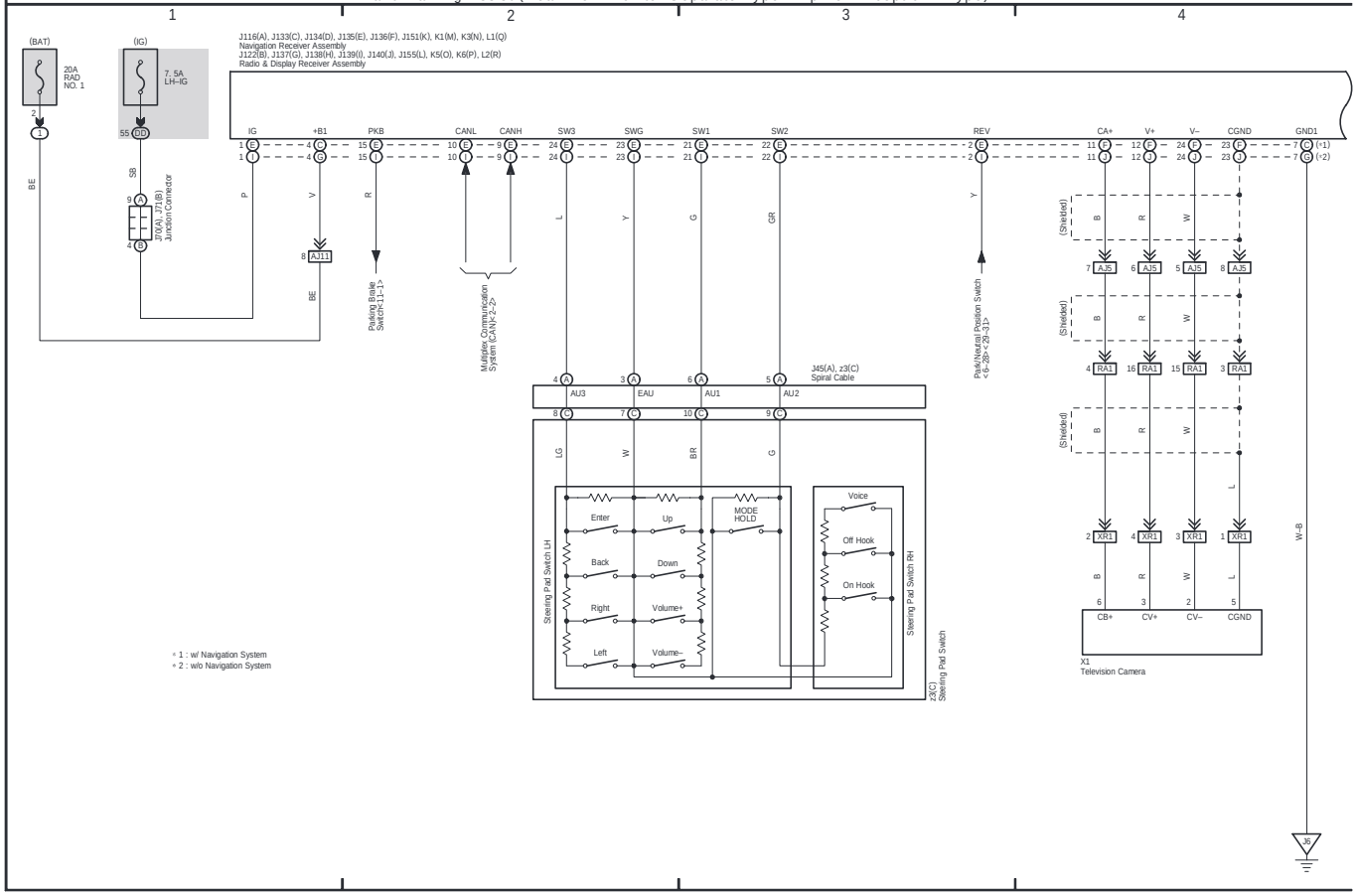


◦ 1 : w/ Navigation System
◦ 2 : w/o Navigation System
◦ 5 : w/ SDARS

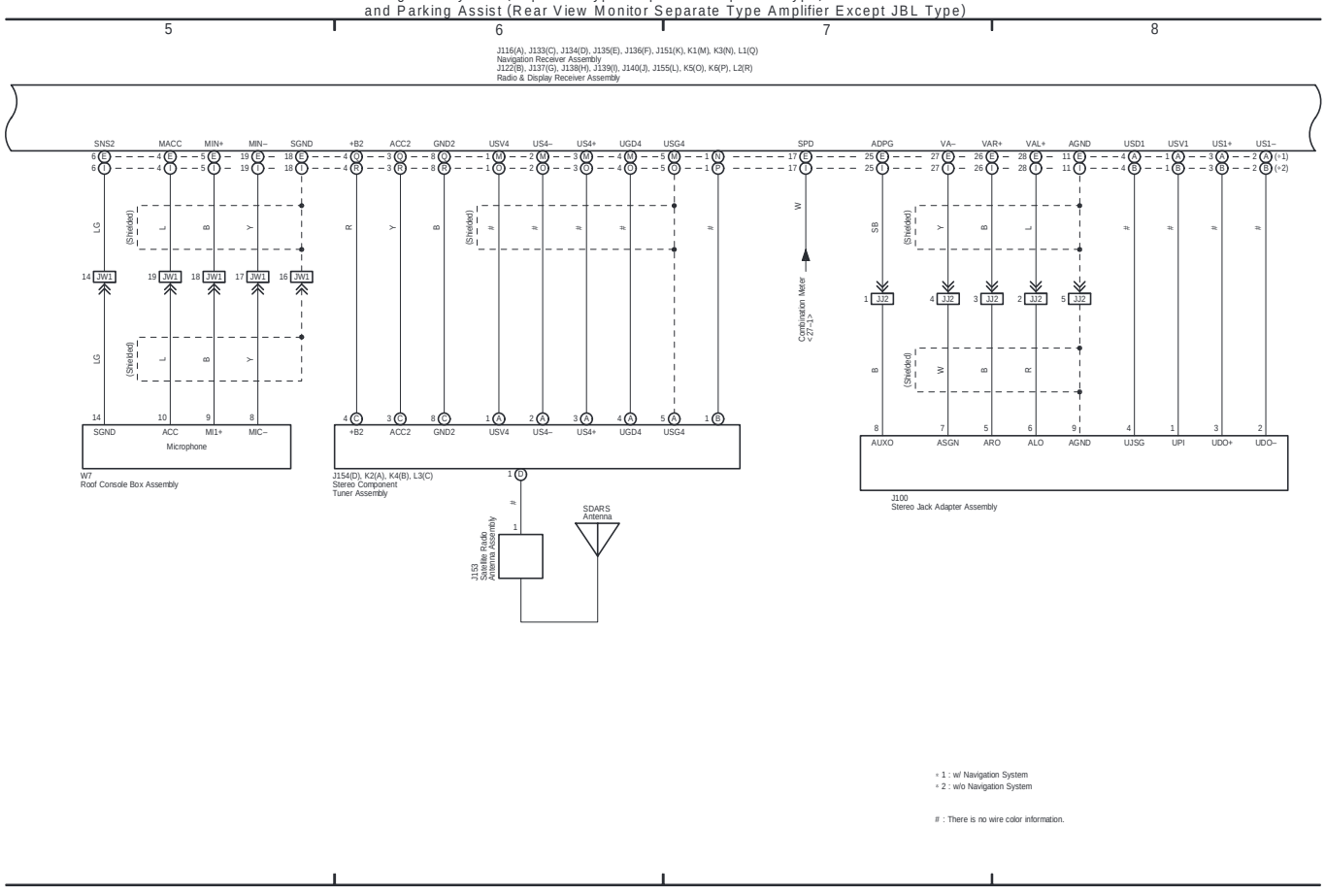
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Audio System (Separate Type Amplifier Except JBL Type), Navigation System (Separate Type Amplifier Except JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



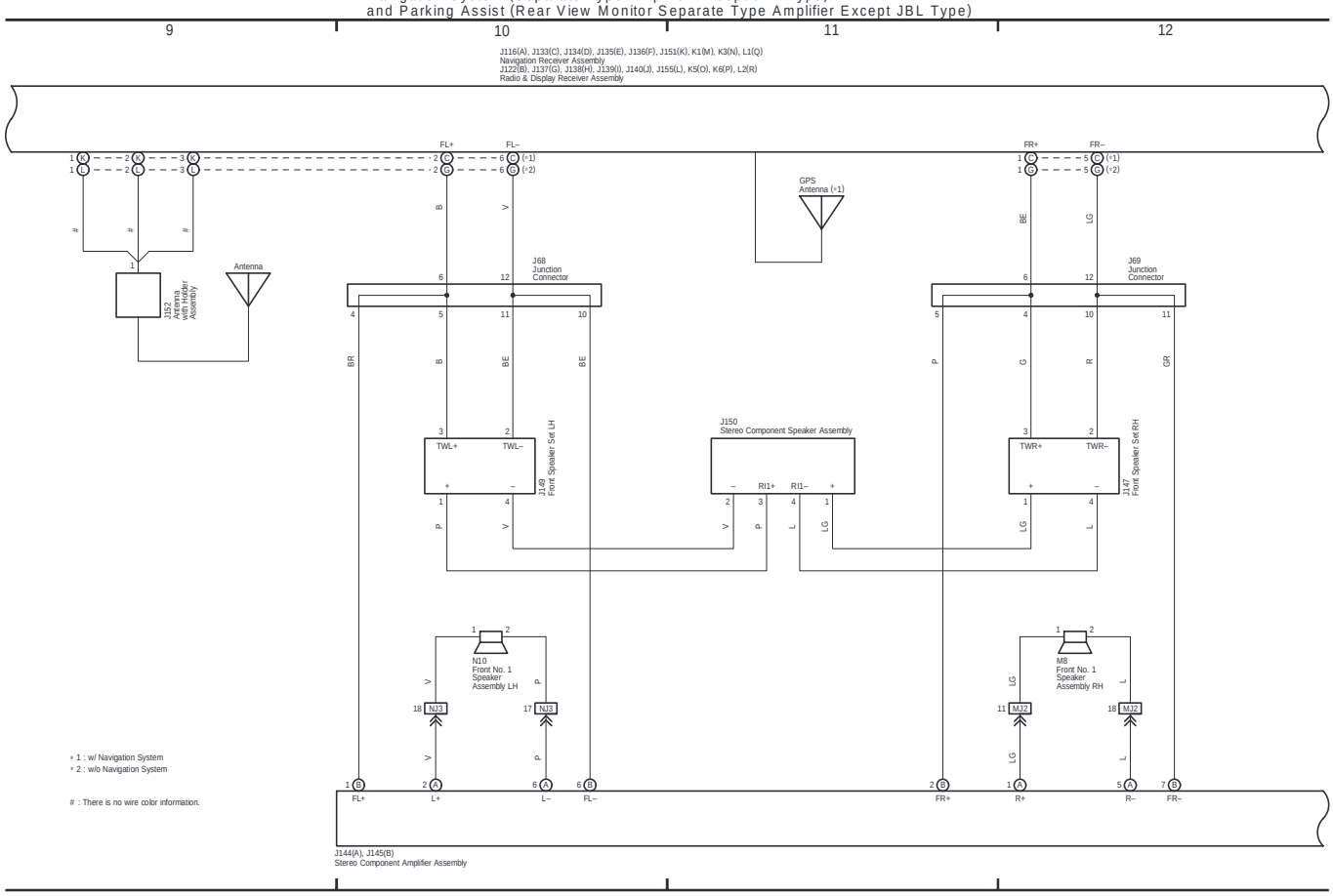
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)

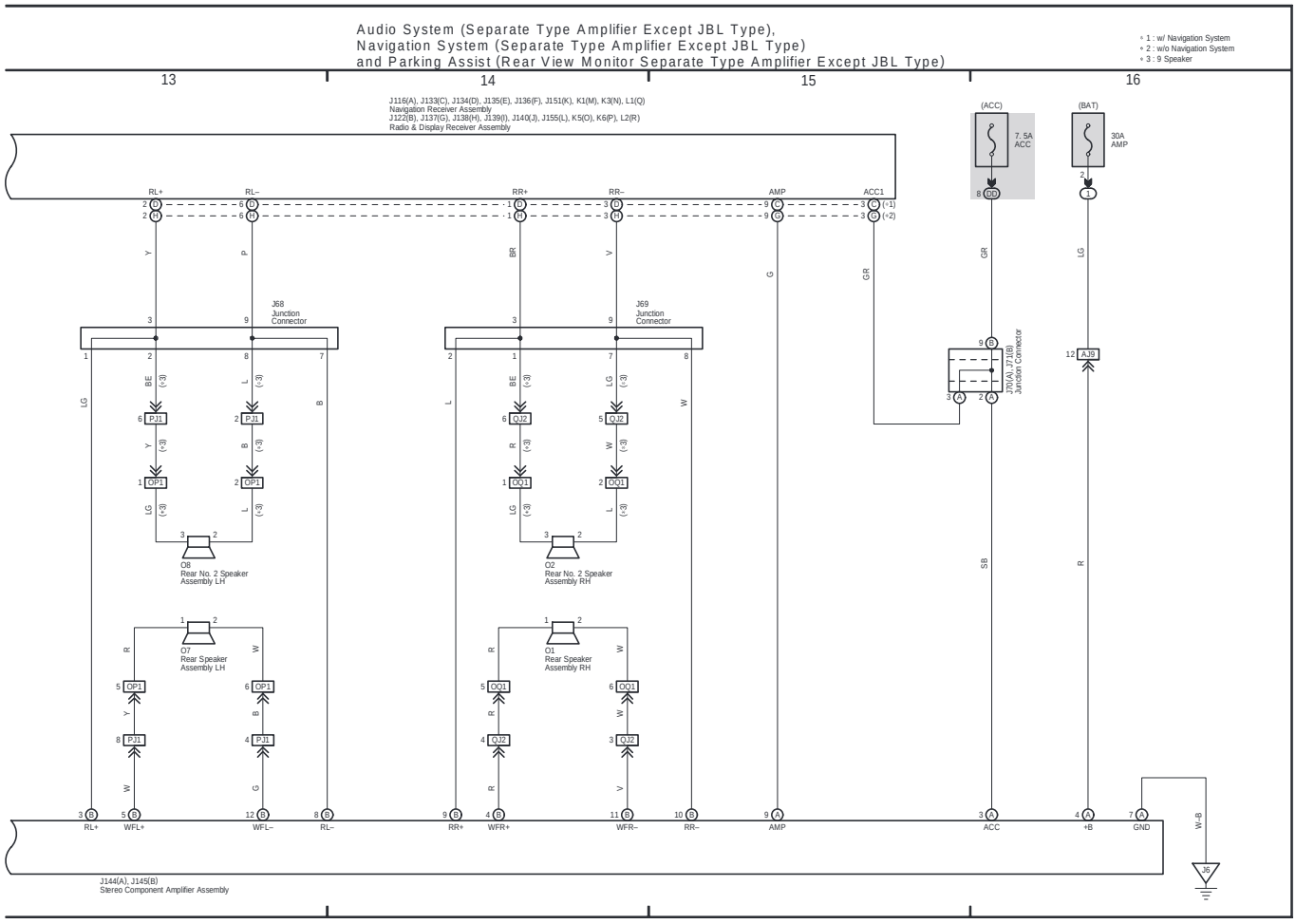


* 1 : w/ Navigation System
* 2 : w/o Navigation System

: There is no wire color information.

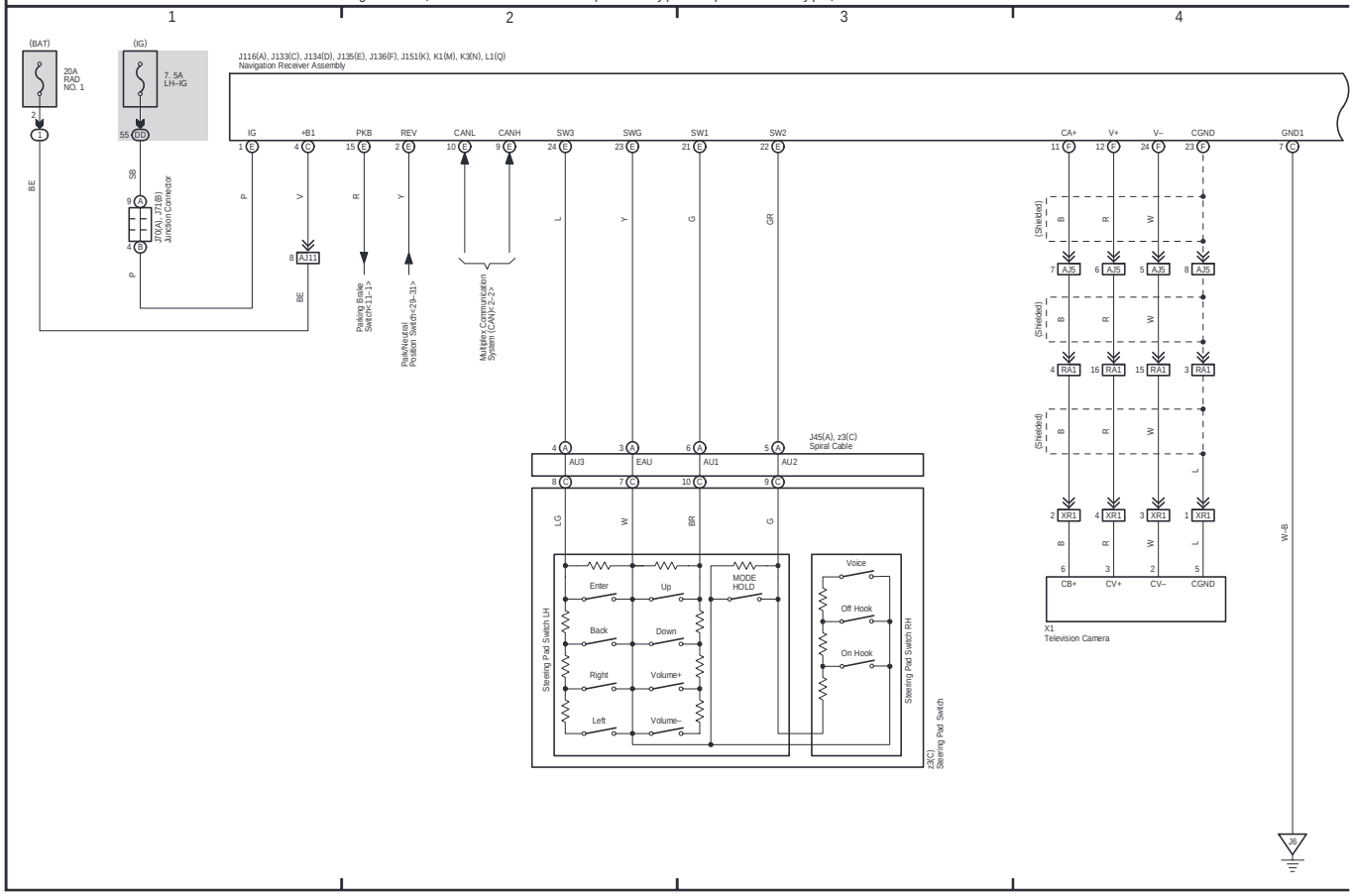
Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)



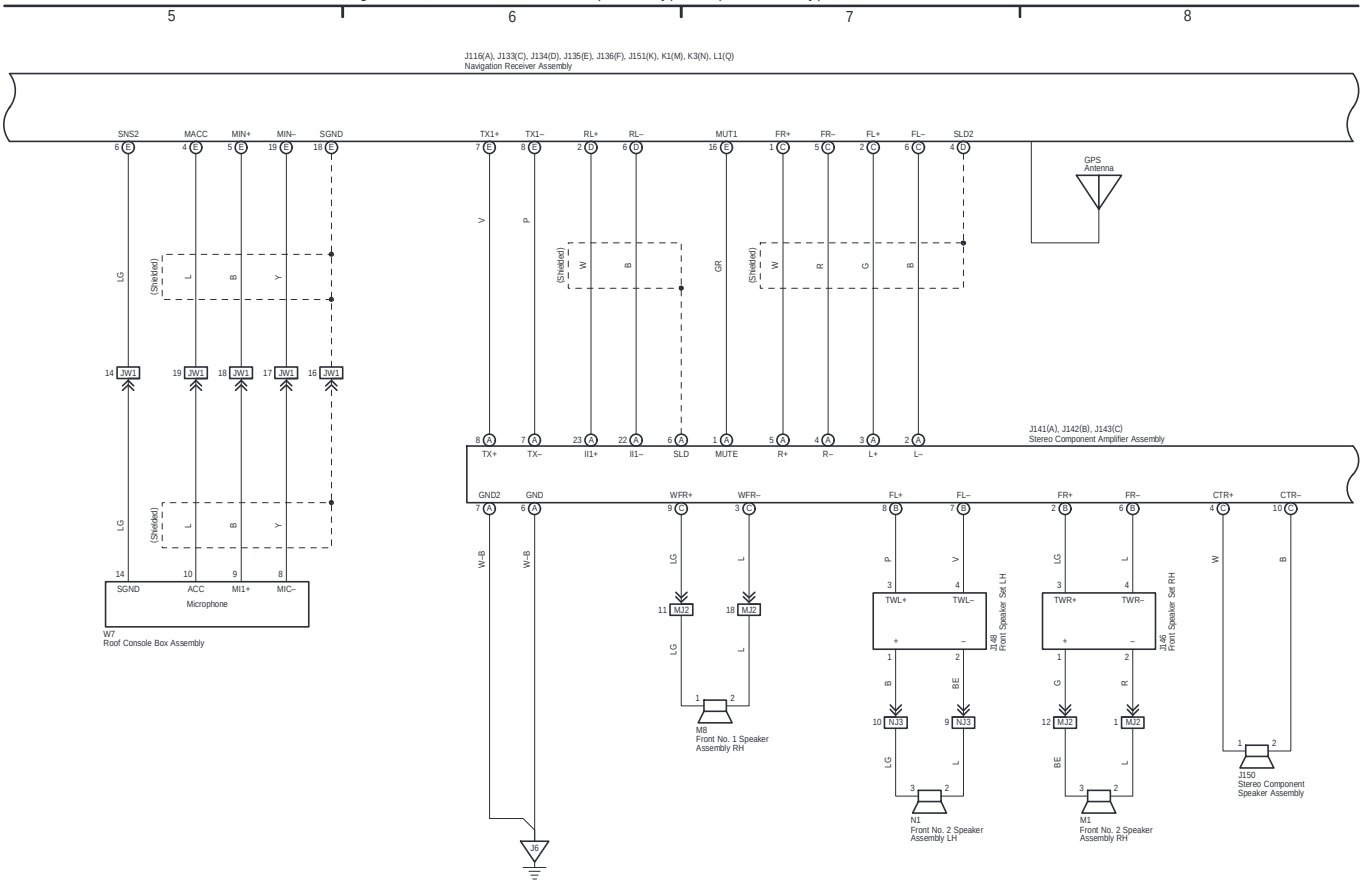

Audio System (Separate Type Amplifier Except JBL Type),
Navigation System (Separate Type Amplifier Except JBL Type)
and Parking Assist (Rear View Monitor Separate Type Amplifier Except JBL Type)
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 3 : 9 Speaker
13
14
15
16
J116(A), J133(C), J134(D), J135(E), J136(F), J151(K), K1(M), K3(N), L1(Q)
Navigation Receiver Assembly
J122(B), J137(G), J138(H), J139(I), J140(J), J155(L), K5(O), K6(P), L2(R)
Radio & Display Receiver Assembly
(ACC)
(BAT)
7. 5A
ACC
30A
AMP
RL+
RL−
RR+
RR−
AMP
ACC1
J68
Junction
Connector
J69
Junction
Connector
J70(A), J71(B)
Junction Connector
O8
Rear No. 2 Speaker
Assembly LH
O2
Rear No. 2 Speaker
Assembly RH
O7
Rear Speaker
Assembly LH
O1
Rear Speaker
Assembly RH
RL+
WFL+
WFL−
RL−
RR+
WFR+
WFR−
RR−
AMP
ACC
+B
GND
J144(A), J145(B)
Stereo Component Amplifier Assembly

(Cont. next page)

Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

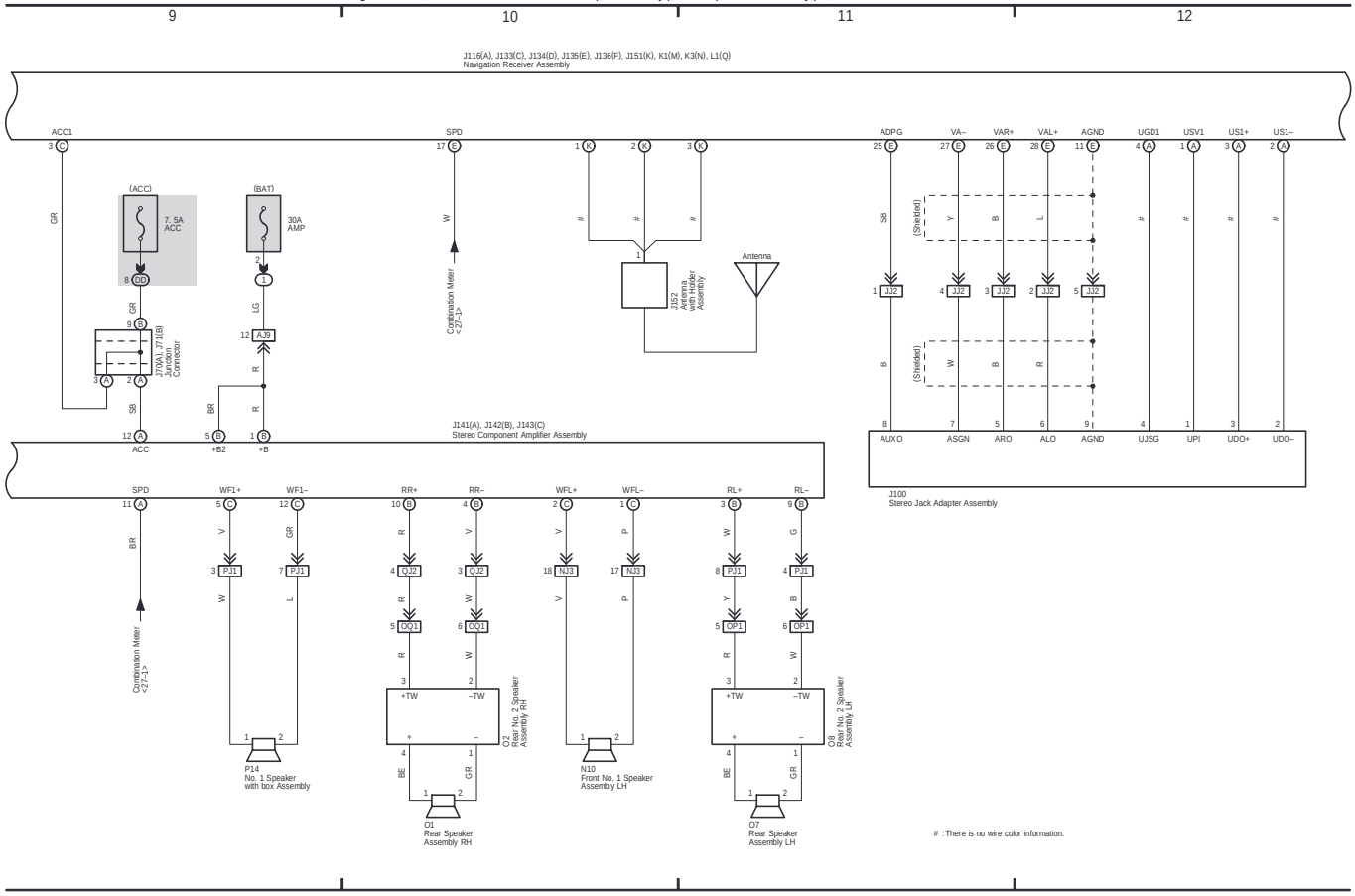


Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)



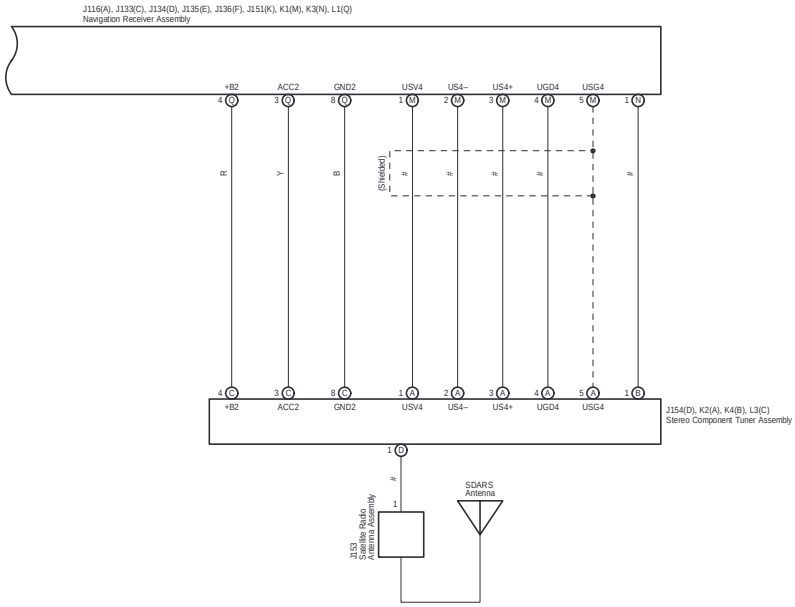
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Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

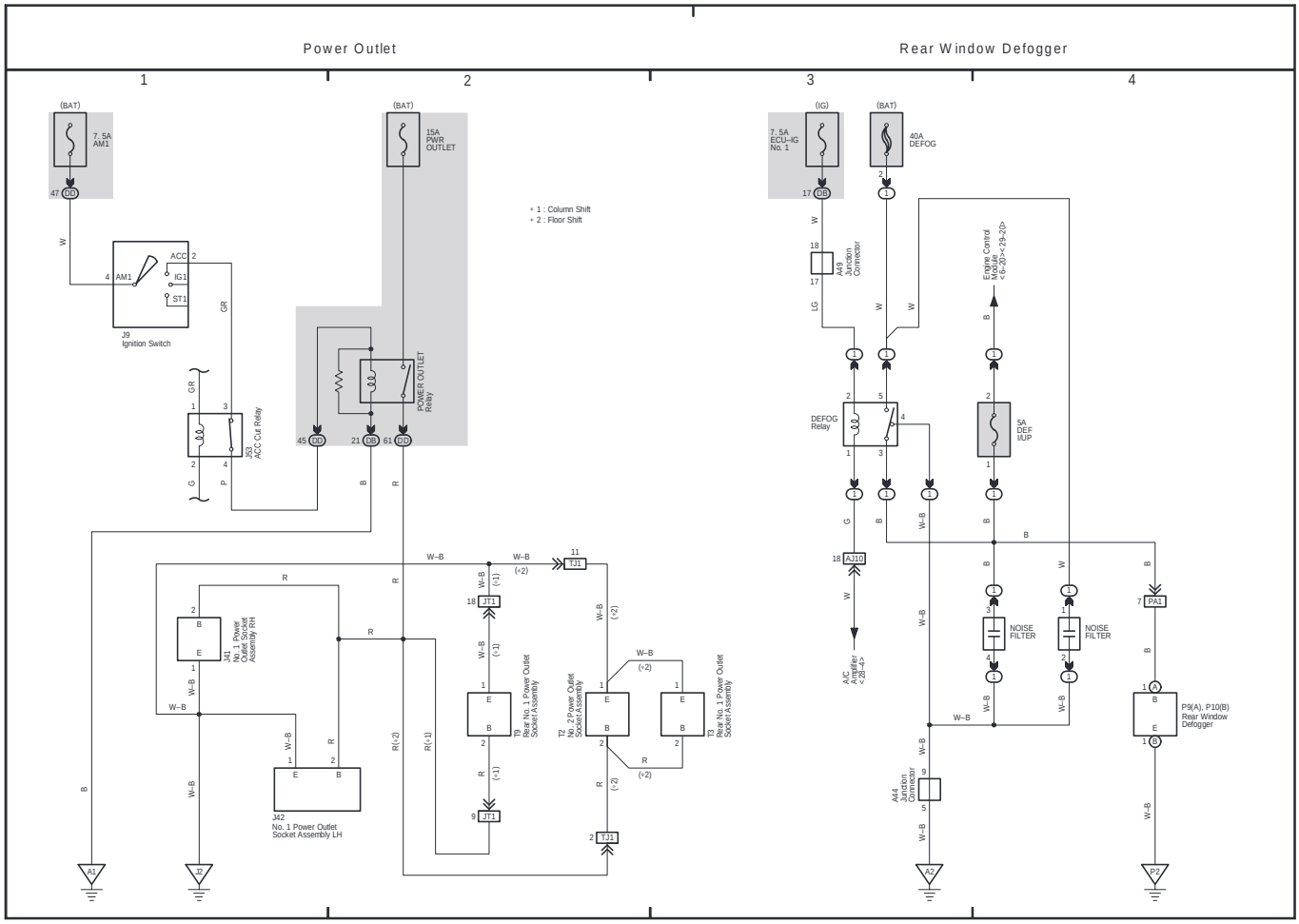


Audio System (Separate Type Amplifier JBL Type), Navigation System (Separate Type Amplifier JBL Type) and Parking Assist (Rear View Monitor Separate Type Amplifier JBL Type)

13 14 15 16

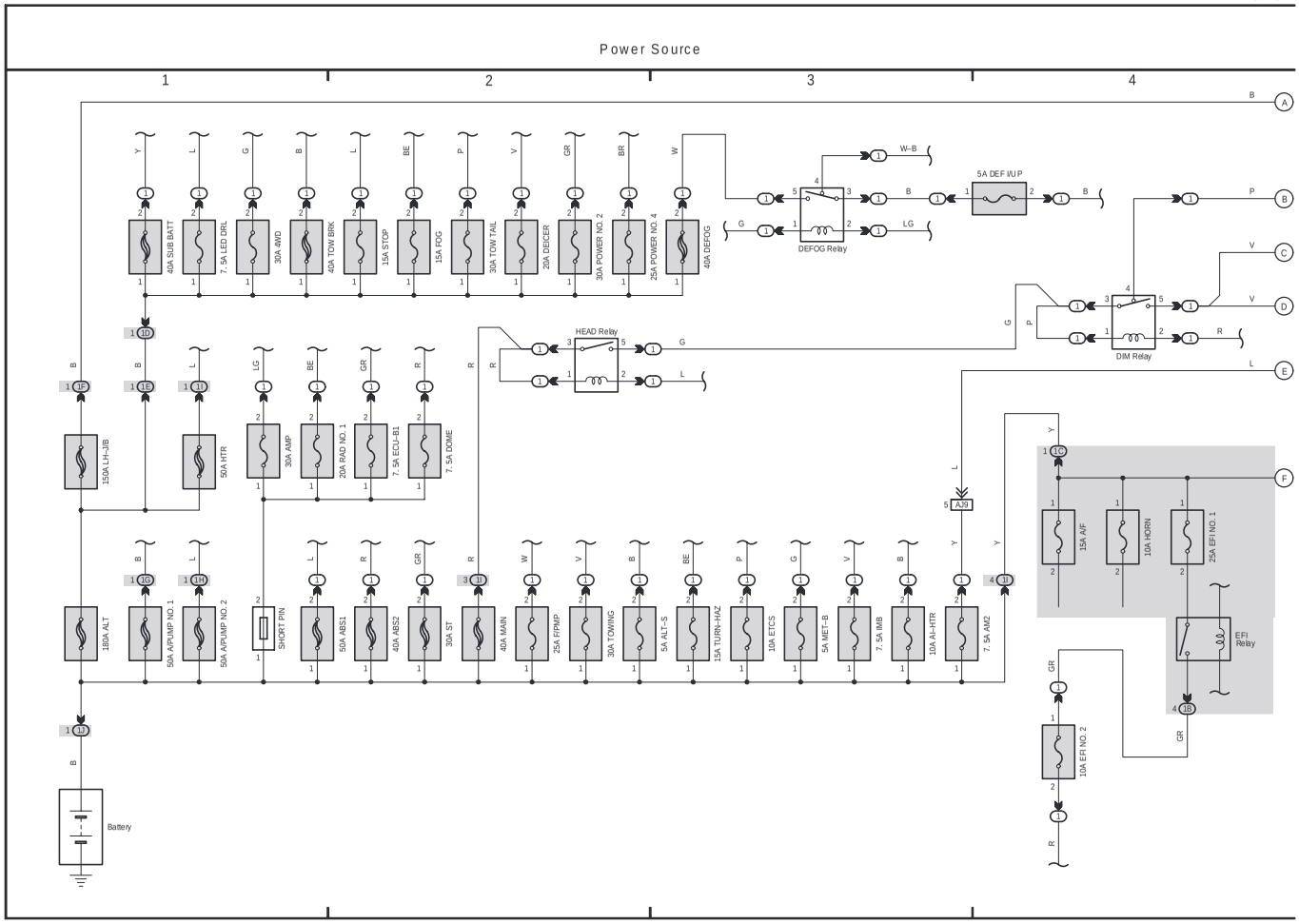


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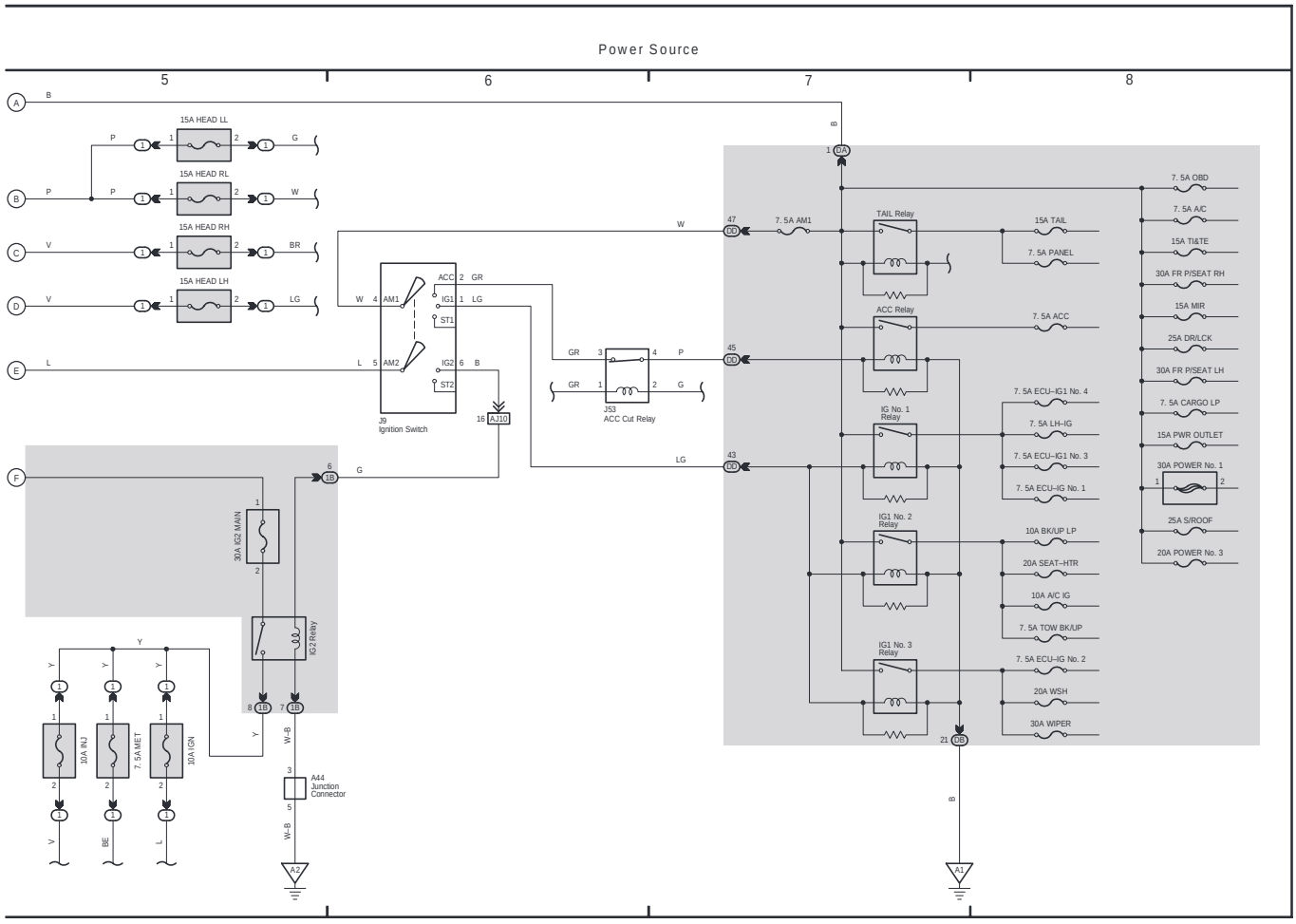

Power Outlet
Rear Window Defogger
1
2
3
4
(BAT)
7.5A AM1
47 GD
15A PWR OUTLET
61 GD
21 DB
45 GD
(IG)
7.5A ECU-IG No.1
17 DB
40A DEFOG
2
J9 Ignition Switch
ACC
IG1
ST1
AM1
J33 ACC Cut Relay
POWER OUTLET Relay
DEFOG Relay
5A DEF I/UP
NOISE FILTER
NOISE FILTER
A49 Junction Connector
A44 Junction Connector
A/C Amplifier <2B-4S>
Engine Control Module <6-2G><-29-2G>
J41 No. 1 Power Outlet Socket Assembly RH
J42 No. 1 Power Outlet Socket Assembly LH
T8 Rear No. 1 Power Outlet Socket Assembly
T2 No. 2 Power Outlet Socket Assembly
T3 Rear No. 1 Power Outlet Socket Assembly
P9(A), P10(B) Rear Window Defogger
A1
J2
A2
P2
* 1 : Column Shift
* 2 : Floor Shift

1 TOYOTA TUNDRA

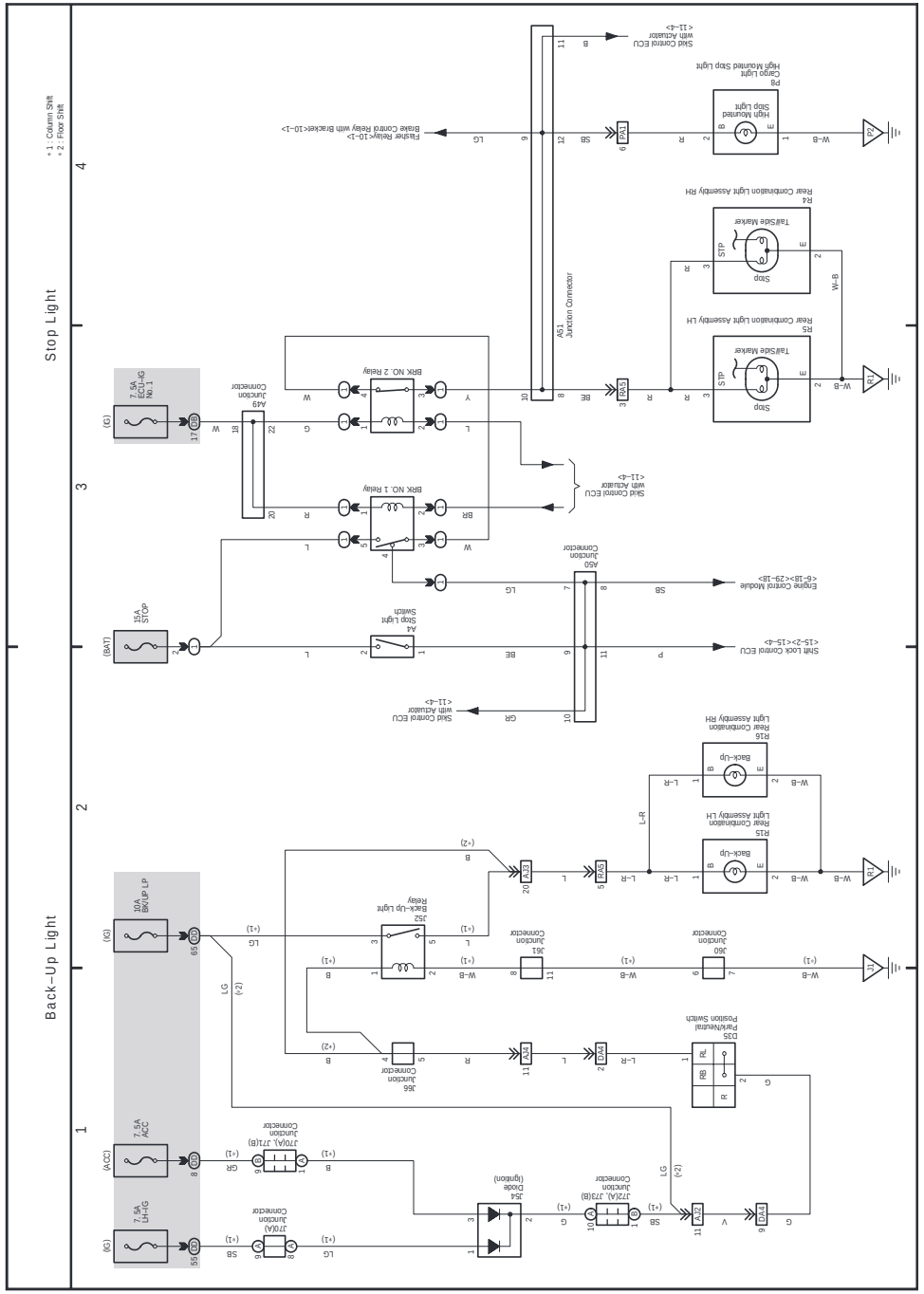
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1 TOYOTA TUNDRA (Cont' d)



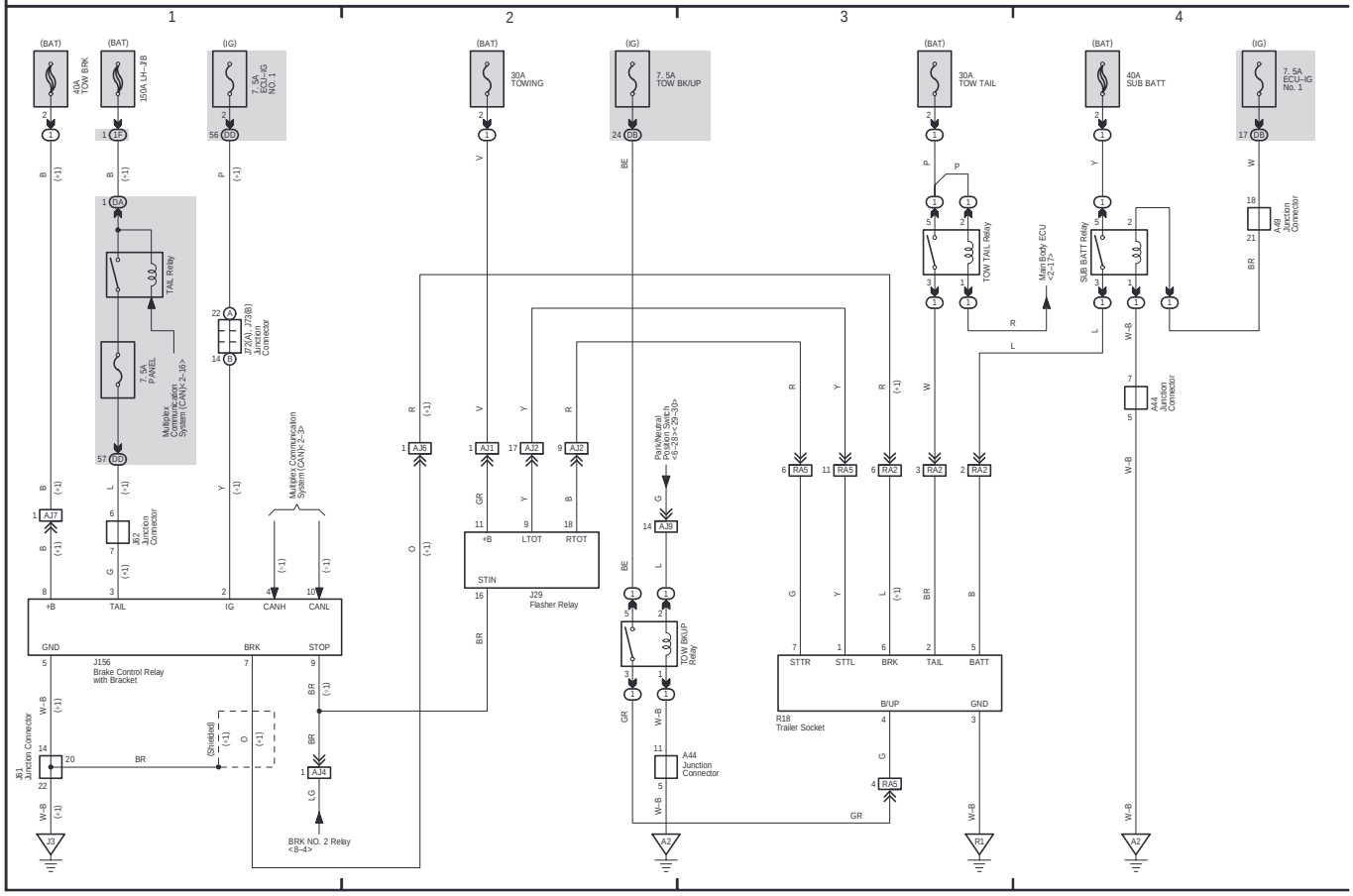
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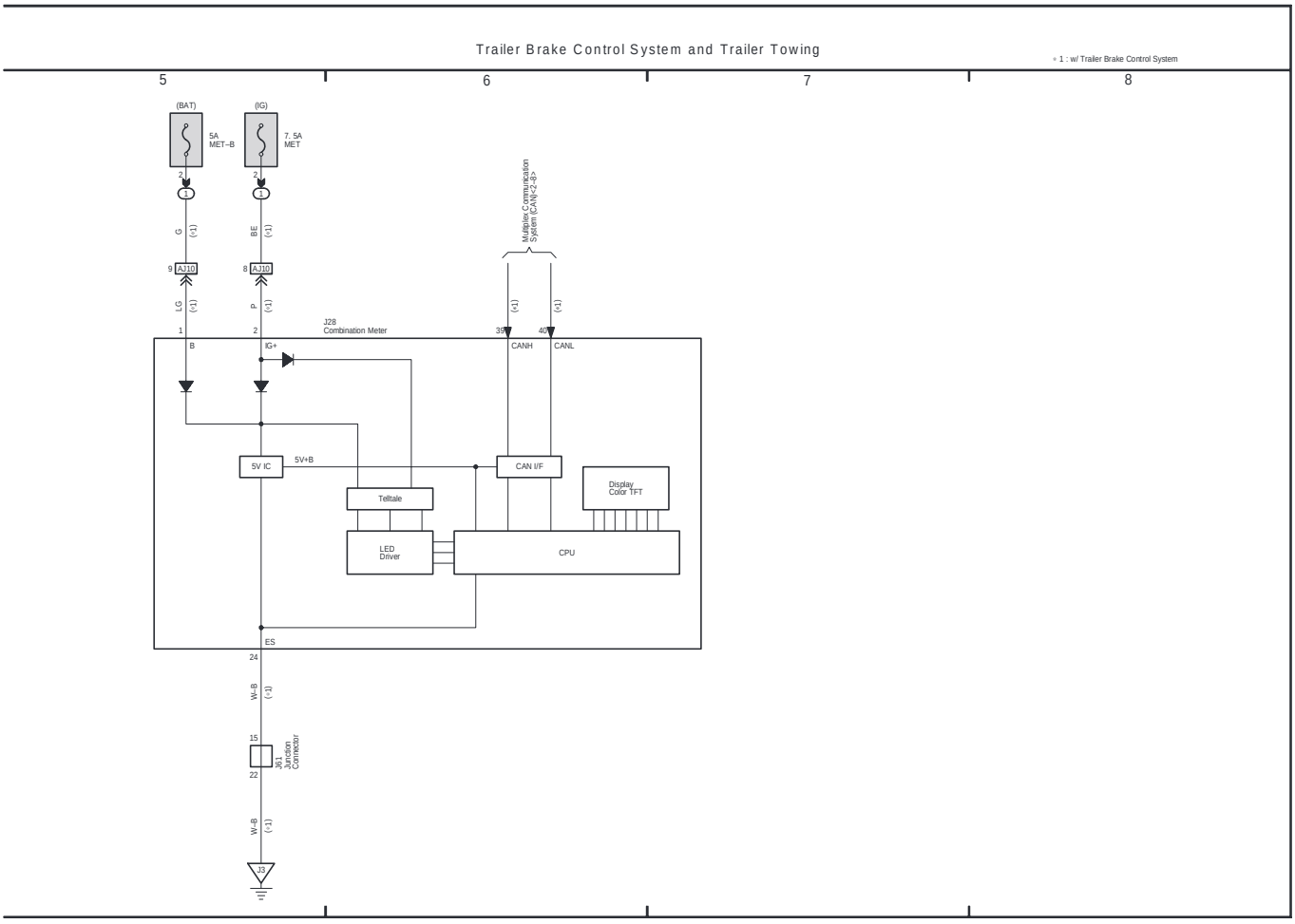

8 TOYOTA TUNDRA
Back–Up Light
Stop Light
1
2
3
4
* 1 : Column Shift
* 2 : Floor Shift
7.5A
DI–HG
7.5A
ACC
10A
BKUP LP
7.5A
ECU–IG
No. 1
15A
STOP
Back–Up Light
Relay
BRK NO. 2 Relay
BRK NO. 1 Relay
Stop Light
Switch
Diode
(Ignition)
Junction
Connector
Back–Up
Light
Assembly LH
Back–Up
Light
Assembly RH
Tail/Side Marker
High Mounted
Stop Light
Park/Neutral
Position Switch
Shift Lock Control ECU
<15–2><15–4>
Engine Control Module
<6–18><29–18>
Skid Control ECU
with Actuator
<11–4>
Flasher Relay<10–1>
Brake Control Relay with Bracket<10–1>
Rear Combination
Light Assembly LH
Rear Combination
Light Assembly RH
Cargo Light
Junction Connector

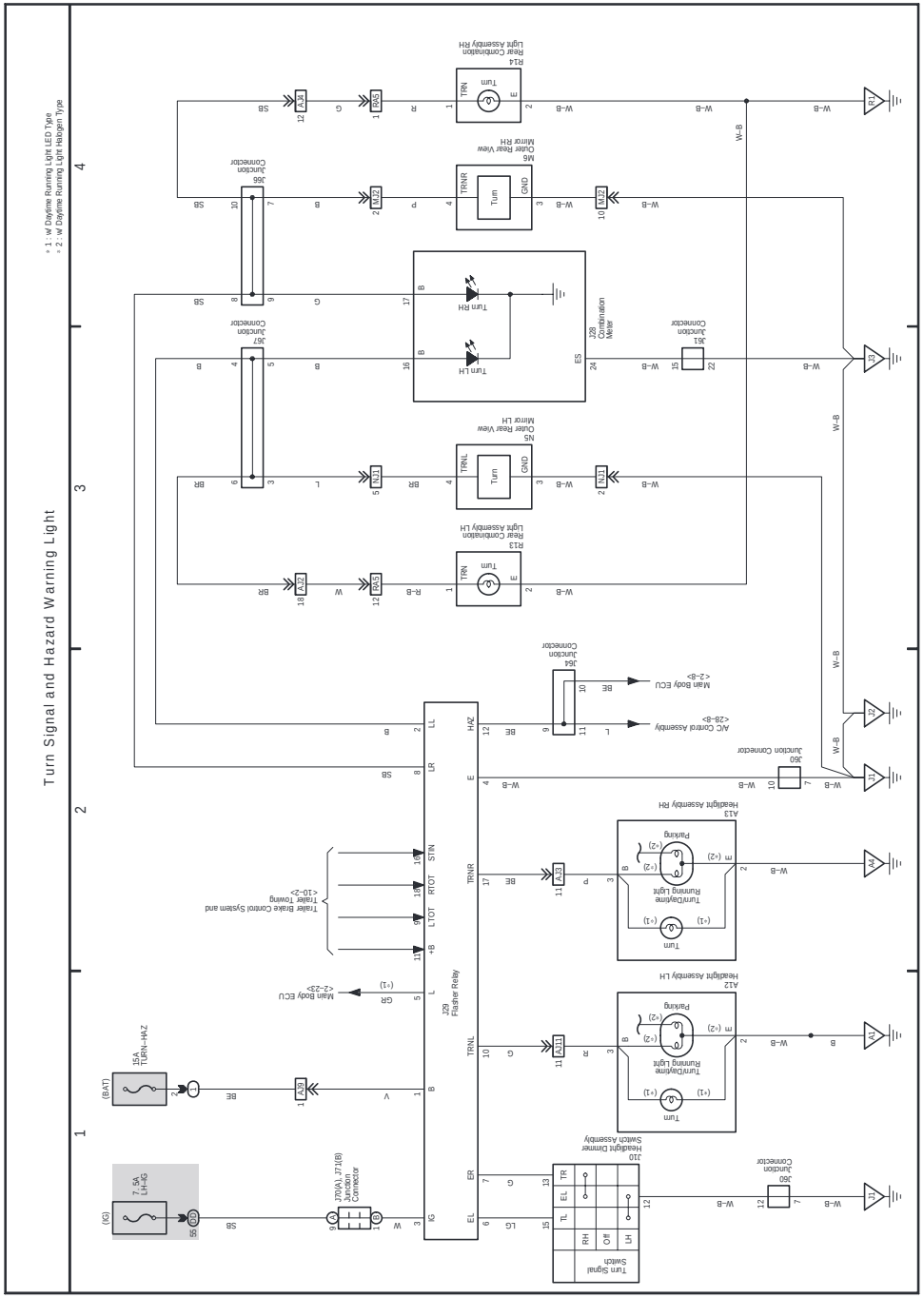
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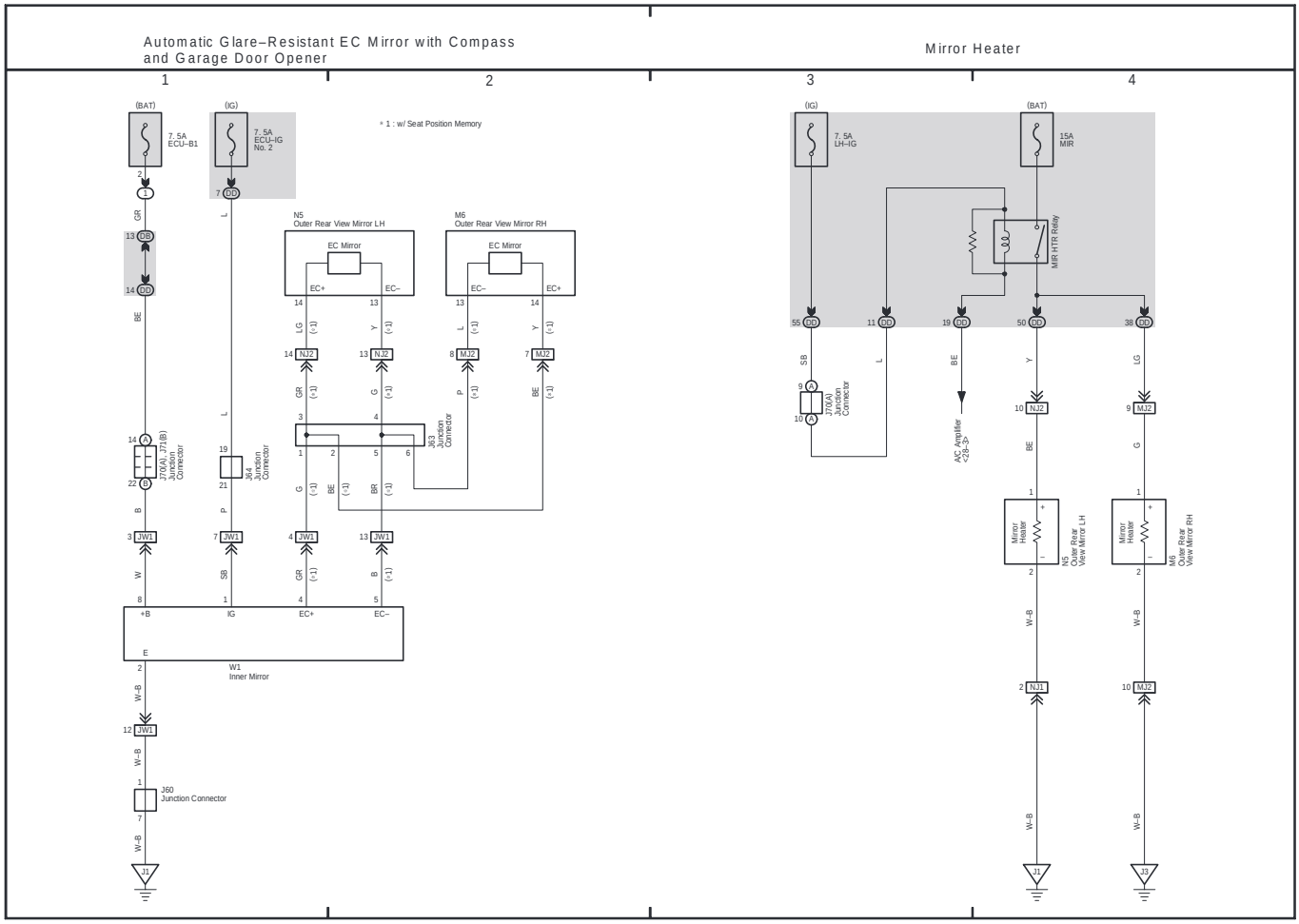
Trailer Brake Control System and Trailer Towing

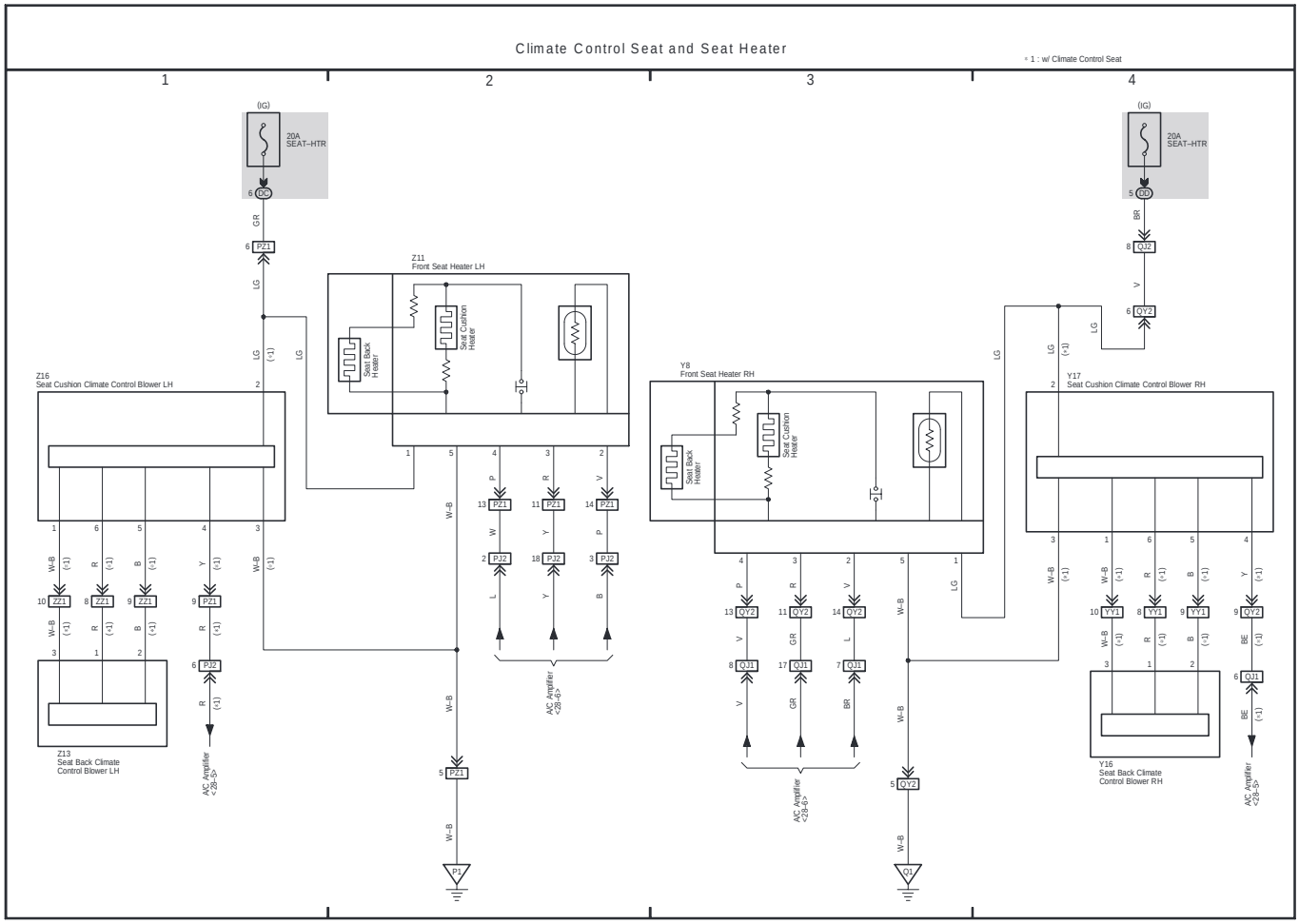
▫ 1 : w/ Trailer Brake Control System

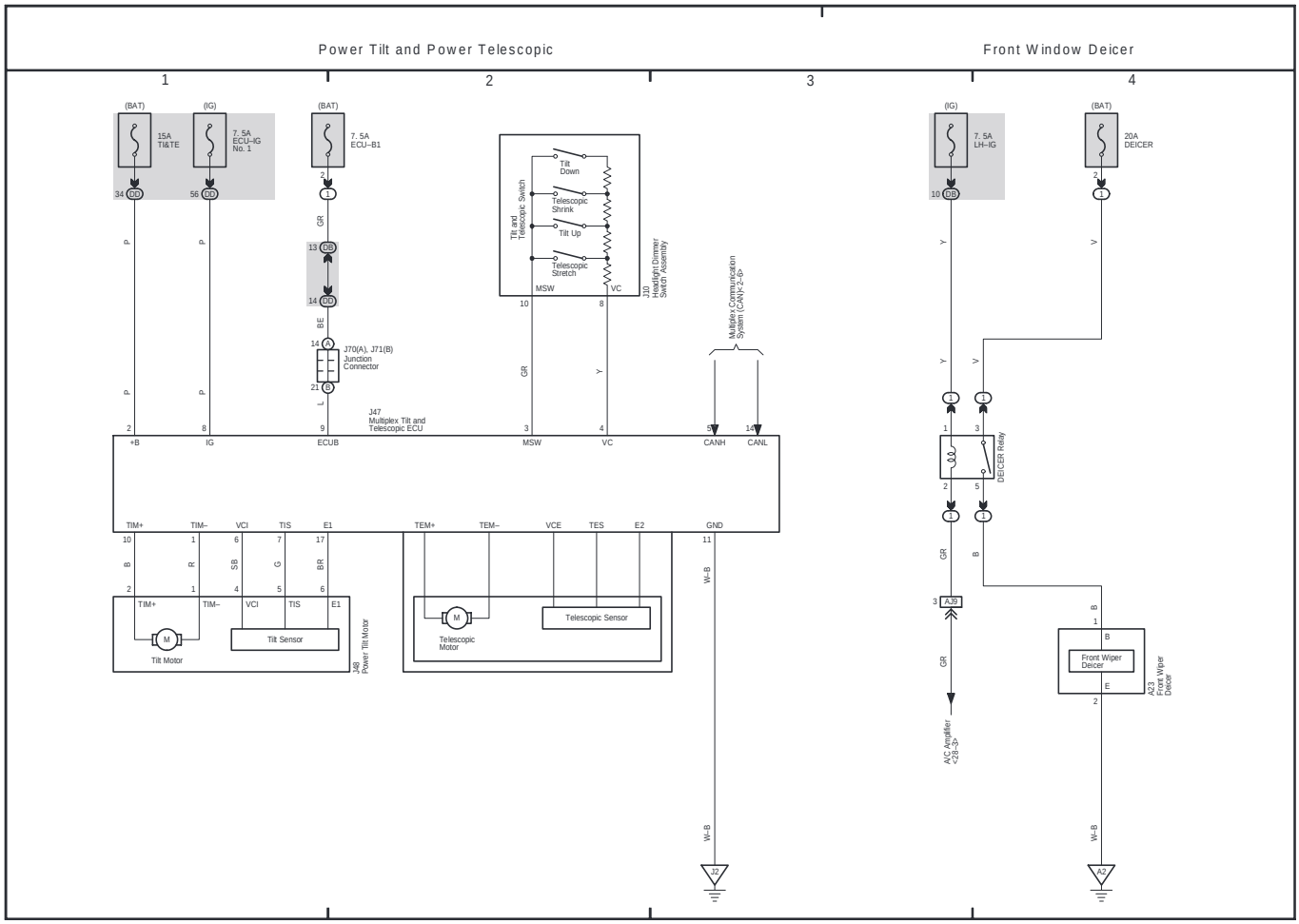


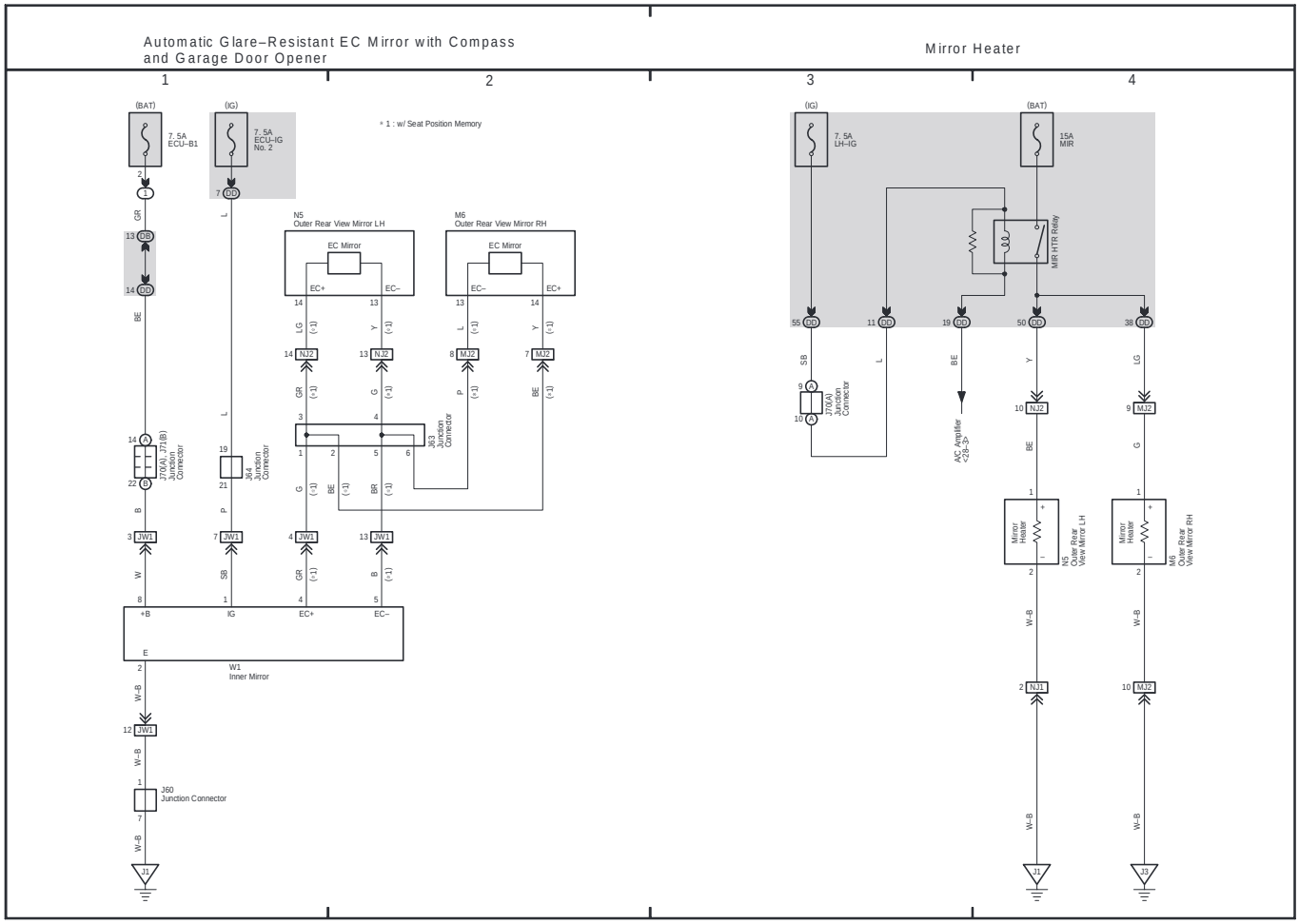

Trailer Brake Control System and Trailer Towing
* 1 : w/ Trailer Brake Control System
5
6
7
8
(BAT)
(IG)
5A MET-B
7. 5A MET
Multiplex Communication System (CAN)<2.4l>
G
BIE
LG
P
A310
J28 Combination Meter
B
IG+
CANH
CANL
5V IC
5V+B
CAN I/F
Telltale
Display Color TFT
LED Driver
CPU
ES
W-B
J61 Junction Connector
J3


Turn Signal and Hazard Warning Light
* 1 : w Daytime Running Light LED Type
* 2 : w Daytime Running Light Halogen Type
1
2
3
4
Turn Signal Switch
Headlight Dimmer Switch Assembly
J10
J29 Flasher Relay
Junction Connector
J60
J61
J62
J63
J64
J66
J67
J70(A), J71(B) Junction Connector
J28 Combination Meter
R13 Rear Combination Light Assembly LH
R14 Rear Combination Light Assembly RH
N5 Outer Rear View Mirror LH
N6 Outer Rear View Mirror RH
A12 Headlight Assembly LH
A13 Headlight Assembly RH
Turn Signal and Hazard Warning Light
Trailer Brake Control System and Trailer Towing <10~2>
Main Body ECU <2~23>
Main Body ECU <2~B>
A/C Control Assembly <28~B>
7. 5A LH~IG
15A TURN~HAZ
(IG)
(B-AT)


Automatic Glare–Resistant EC Mirror with Compass and Garage Door Opener
Mirror Heater
1
2
3
4
(BAT)
(IG)
7. 5A ECU–B1
7. 5A ECU–IG No. 2
* 1 : w/ Seat Position Memory
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
EC Mirror
EC+
EC–
J70(A), J71(B) Junction Connector
J64 Junction Connector
J63 Junction Connector
W1 Inner Mirror
J60 Junction Connector
+B
IG
E
7. 5A LH–IG
15A MIR
MIR HTR Relay
J70(A) Junction Connector
A/C Amplifier <23>–3
Mirror Heater
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH

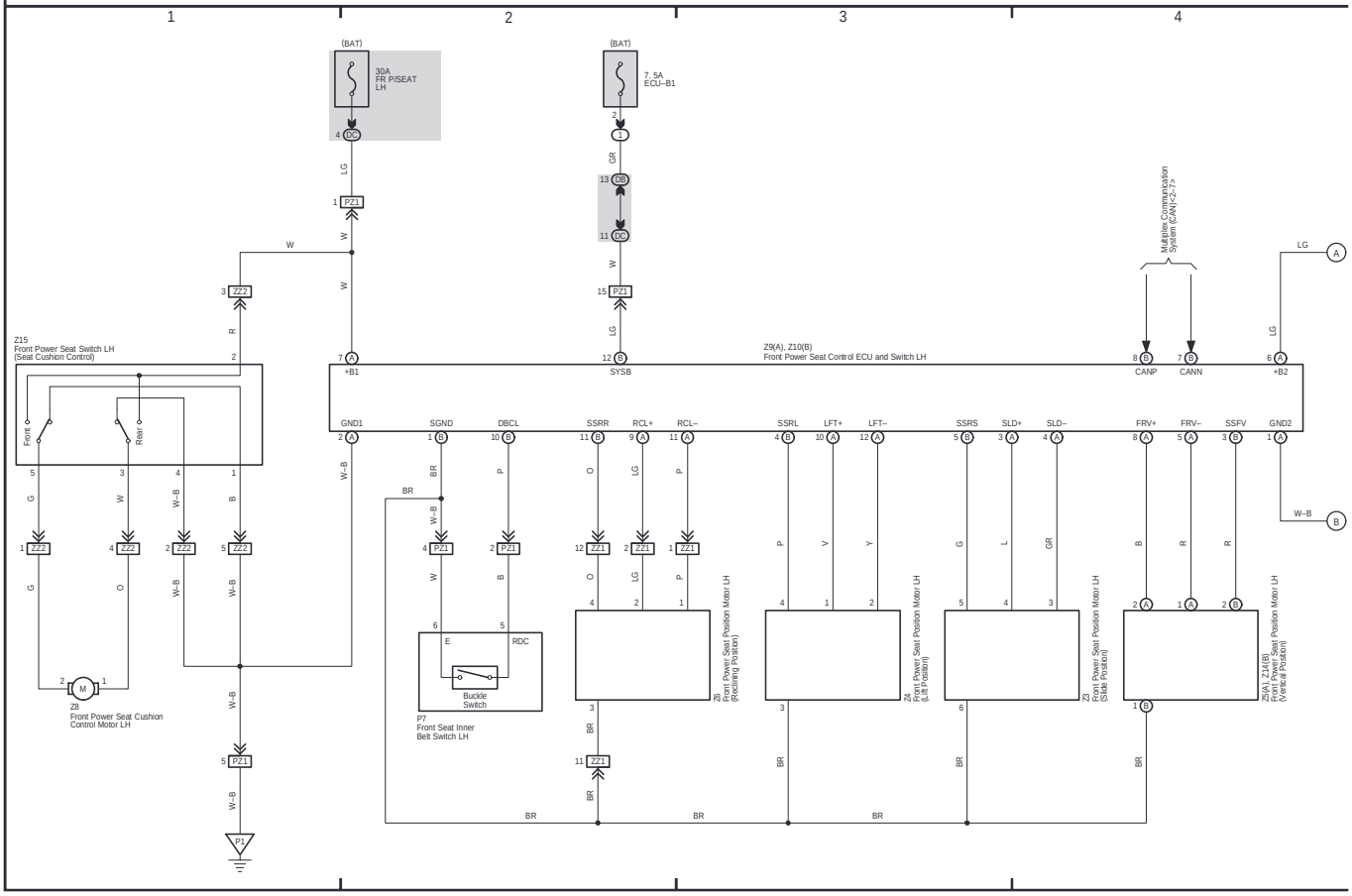

Climate Control Seat and Seat Heater
* 1 : w/ Climate Control Seat
1
2
3
4
(IG)
20A SEAT–HTR
DC
DD
PZ1
QZ2
QZ1
Z11
Front Seat Heater LH
Seat Back Heater
Seat Cushion Heater
Z16
Seat Cushion Climate Control Blower LH
Z13
Seat Back Climate Control Blower LH
PJ2
ZZ1
A/C Amplifier <2B-5>
Y8
Front Seat Heater RH
A/C Amplifier <2B-4>
Y17
Seat Cushion Climate Control Blower RH
YY1
Y16
Seat Back Climate Control Blower RH
A/C Amplifier <2B-3>
P1
Q1
W–B
LG
GR
BR
V
P
R
Y
L
B
W
BE


Power Tilt and Power Telescopic
Front Window Deicer
1
2
3
4
(BAT)
(IG)
15A
Tilt&TE
7. 5A
ECU–IG
No. 1
7. 5A
ECU–B1
Tilt
Down
Telescopic
Shrink
Tilt Up
Telescopic
Stretch
Tilt and
Telescopic Switch
MSW
VC
J10
Headlight Dimmer
Switch Assembly
Multiplex Communication
System (CAN) -C-B-
J70(A), J71(B)
Junction
Connector
J47
Multiplex Tilt and
Telescopic ECU
+B
IG
ECUB
MSW
VC
CANH
CANL
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
GND
Tilt Motor
Tilt Sensor
Telescopic
Motor
Telescopic Sensor
J48
Power Tilt Motor
W–B
7. 5A
LH–IG
20A
DEICER
DEICER Relay
A35
Front Wiper
Deicer
A23
Front Wiper
Deicer
A/C Amplifier
-C18-B-
A2


Automatic Glare–Resistant EC Mirror with Compass and Garage Door Opener
Mirror Heater
1
2
3
4
(BAT)
(IG)
7. 5A ECU–B1
7. 5A ECU–IG No. 2
* 1 : w/ Seat Position Memory
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH
EC Mirror
EC+
EC–
J70(A), J71(B) Junction Connector
J64 Junction Connector
J63 Junction Connector
W1 Inner Mirror
J60 Junction Connector
+B
IG
E
7. 5A LH–IG
15A MIR
MIR HTR Relay
J70(A) Junction Connector
A/C Amplifier <23>–3
Mirror Heater
N5 Outer Rear View Mirror LH
M6 Outer Rear View Mirror RH

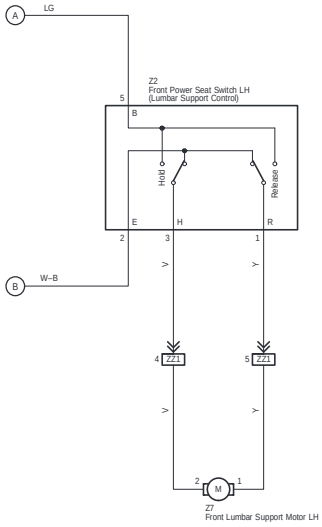
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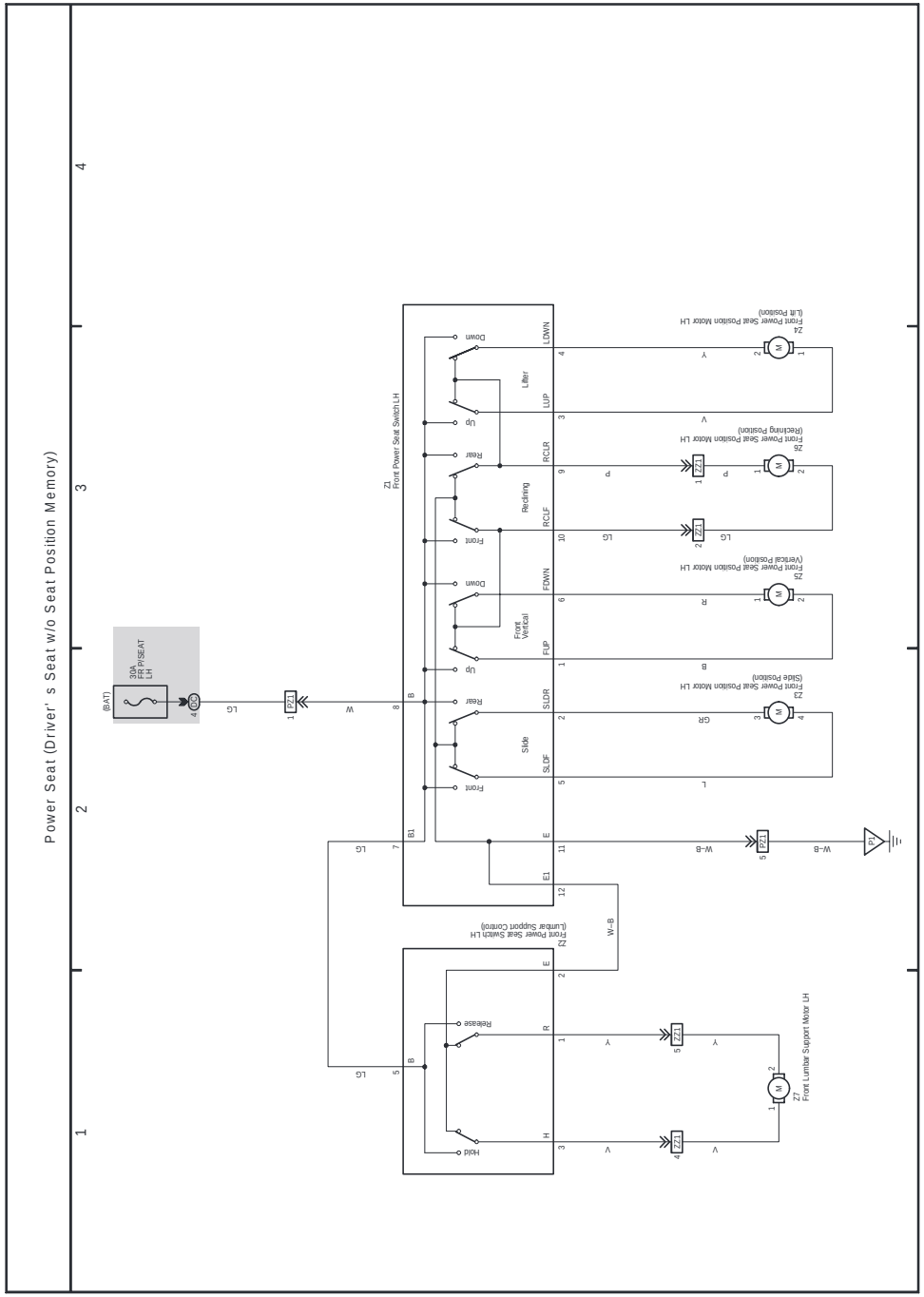
Power Seat (Driver' s Seat w/ Seat Position Memory)

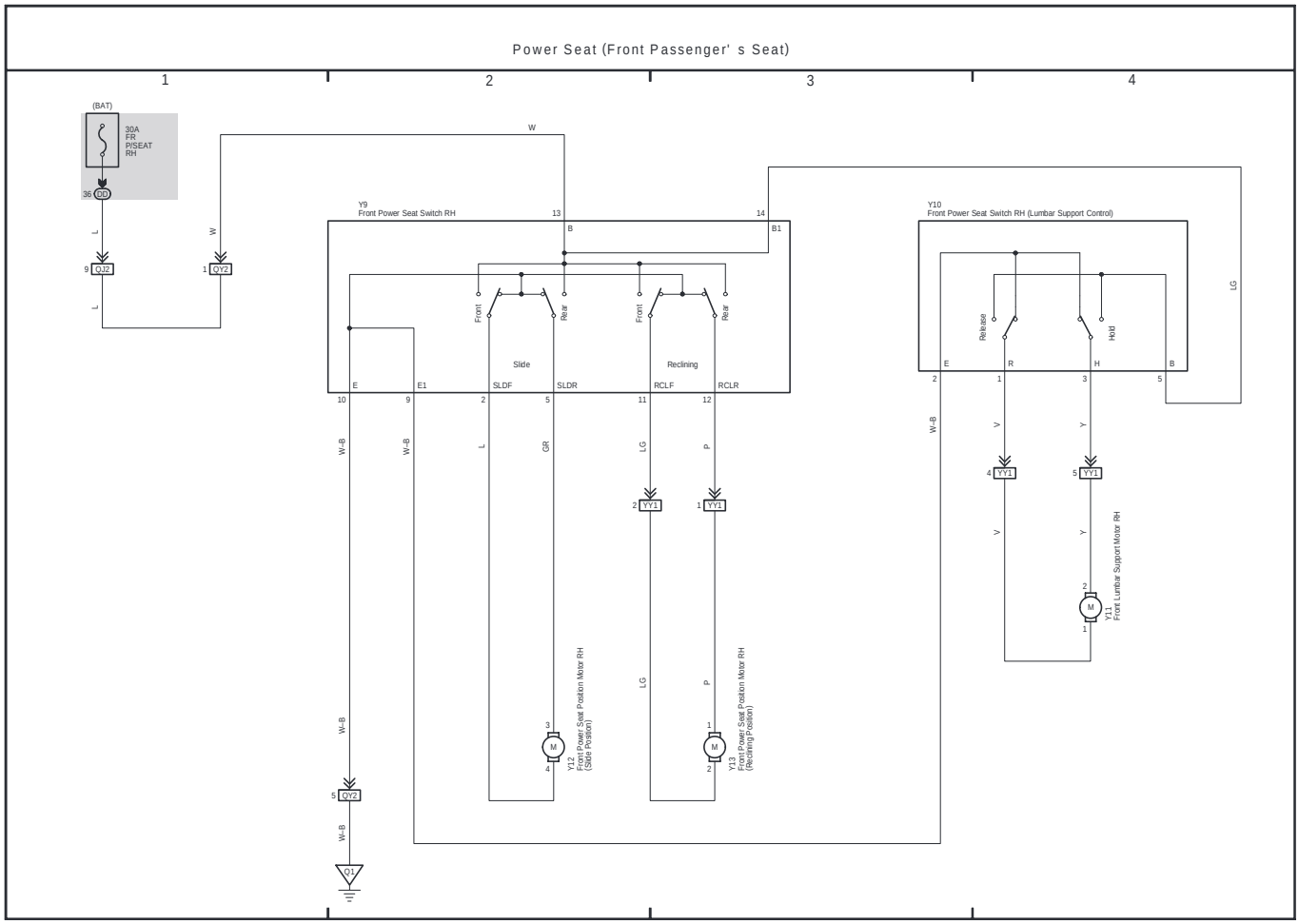


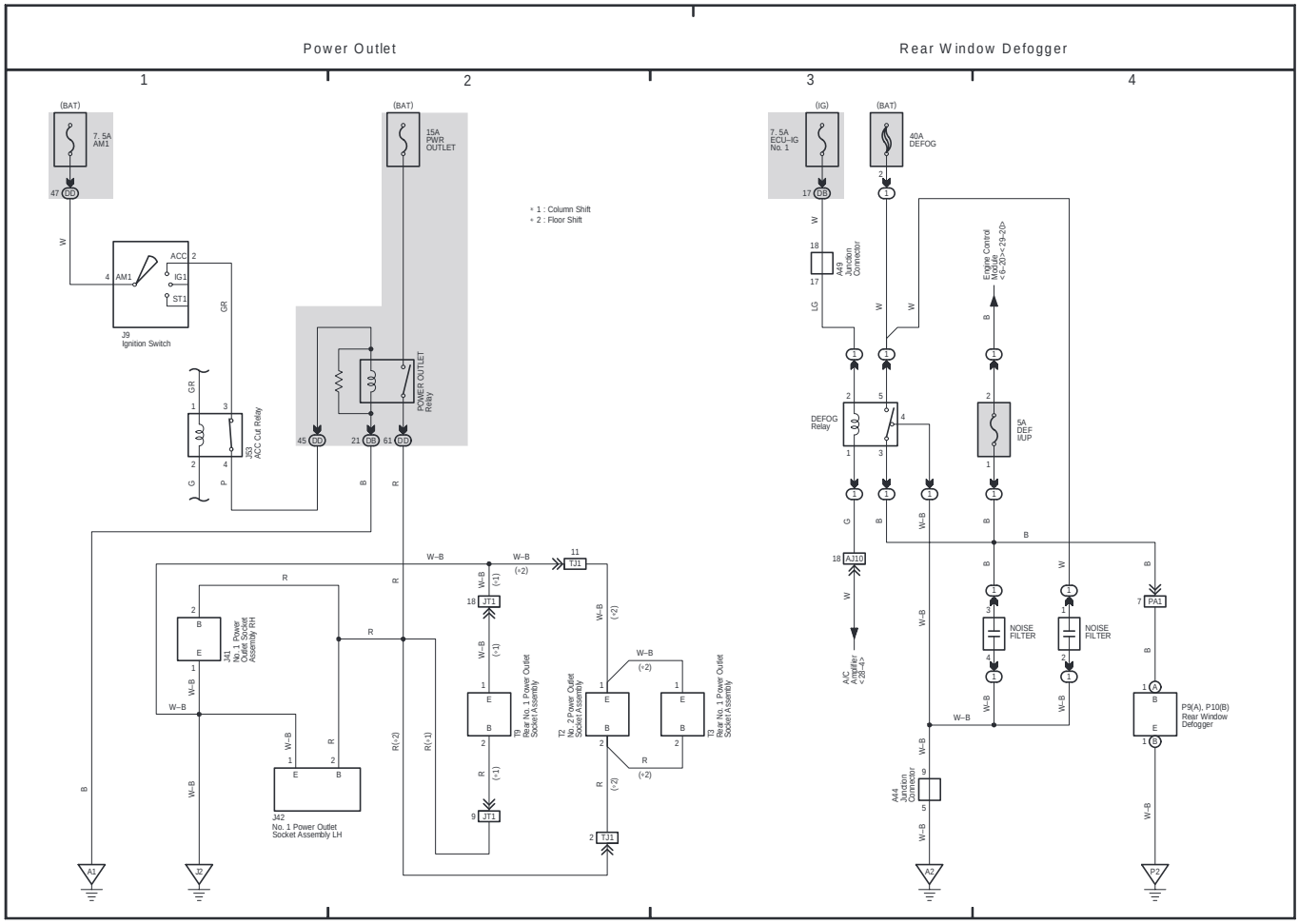
Power Seat (Driver' s Seat w/ Seat Position Memory)

5 6 7 8

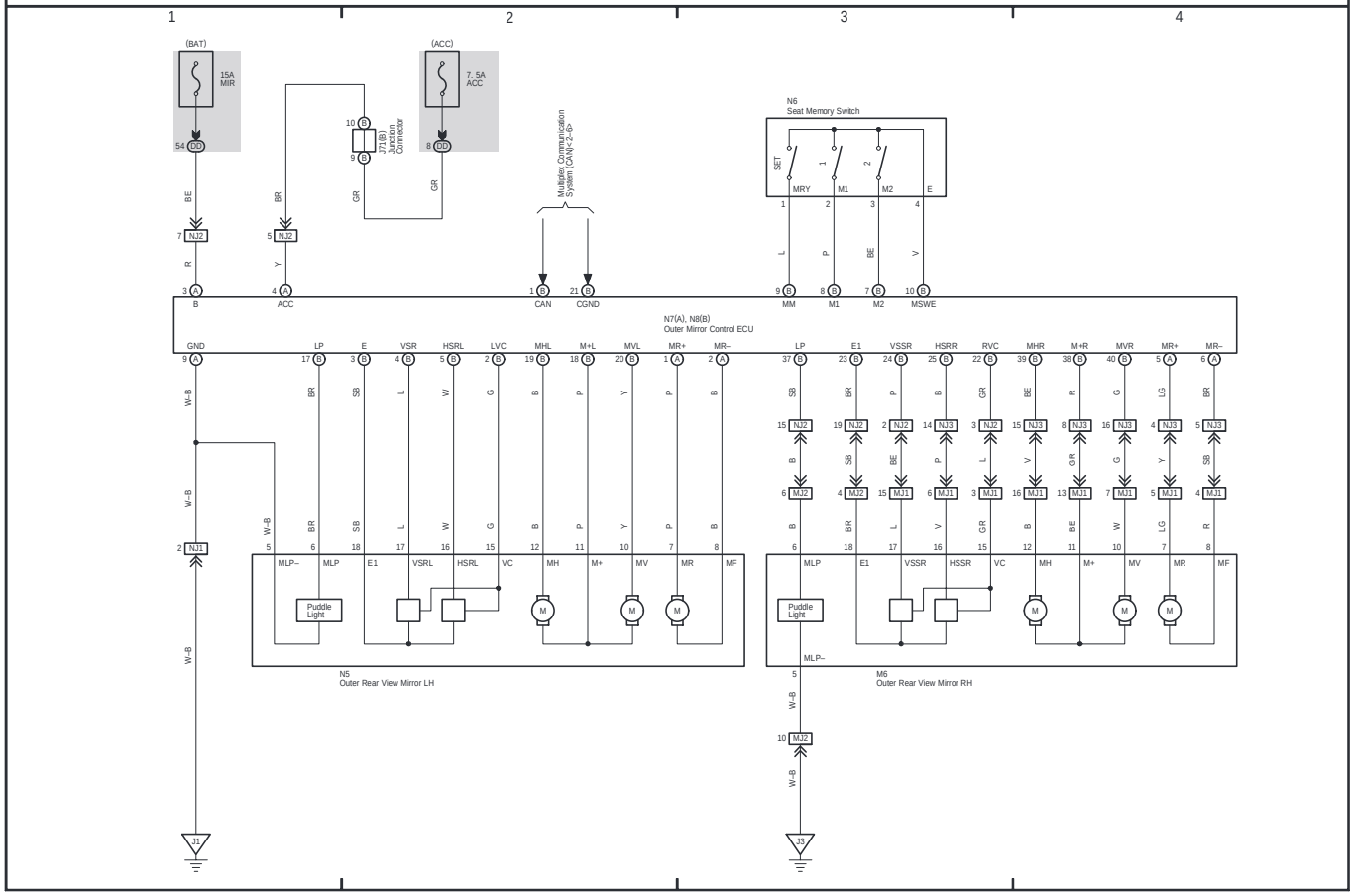


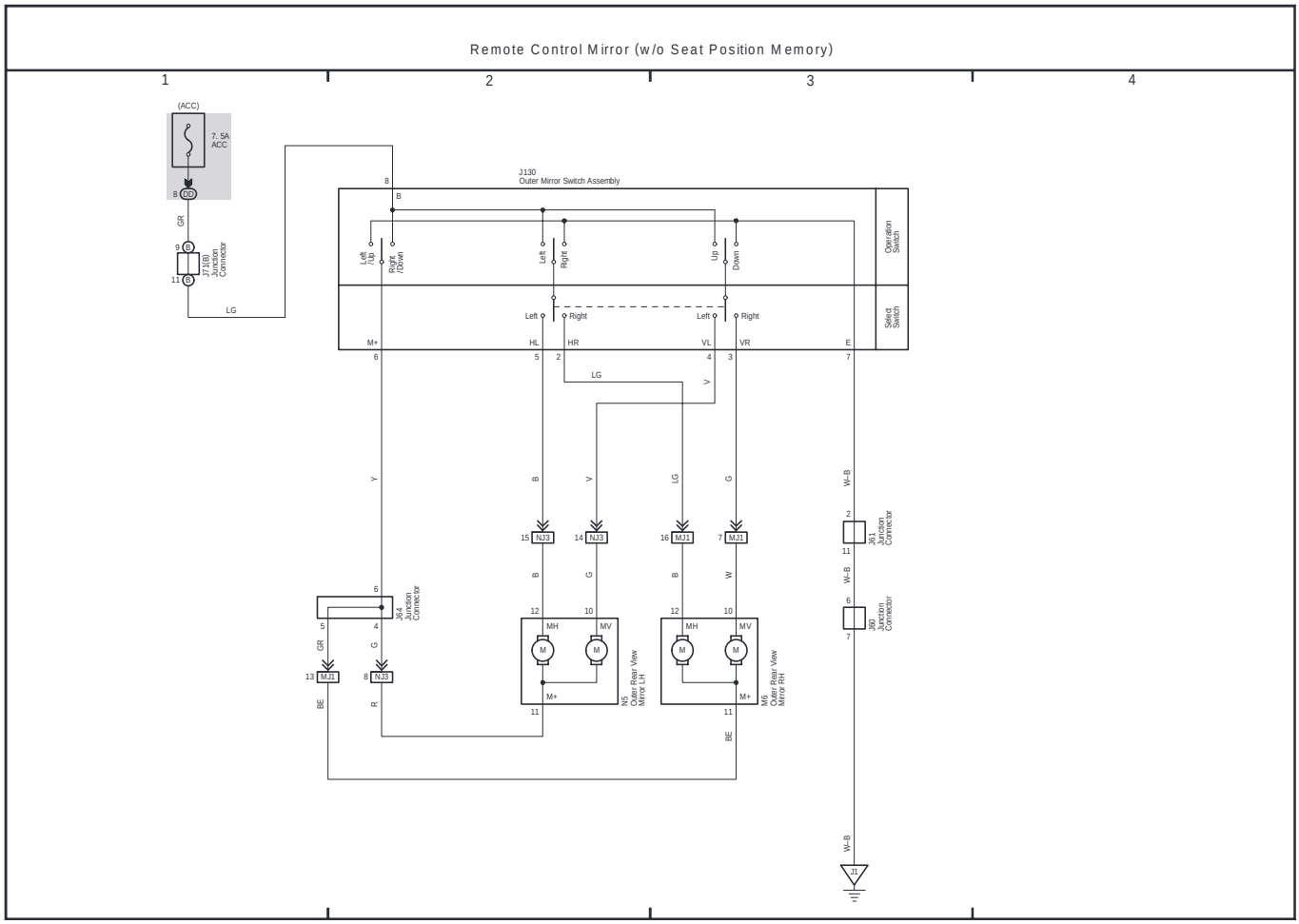

Power Seat (Driver' s Seat w/o Seat Position Memory)
1
2
3
4
30A
ZB-P/SEAT
LH
(BAT)
4
LG
1
PZ1
W
8
B
Z1
Front Power Seat Switch LH
Down
Up
Rear
Front
Down
Rear
Front
Slide
Reclining
Front
Vertical
LDWN
LUP
RCLR
RCLF
FDWN
FUP
SLDR
SLDF
Lifter
B1
E
E1
7
11
12
LG
W-B
W-B
P1
PZ1
5
Z4
Front Power Seat Position Motor LH
(Lift Position)
Y
V
Z6
Front Power Seat Position Motor LH
(Reclining Position)
9
10
LG
LG
PZ1
1
2
Z5
Front Power Seat Position Motor LH
(Vertical Position)
6
1
R
B
Z3
Front Power Seat Position Motor LH
(Slide Position)
2
5
GR
L
M
1
2
3
4
Z2
Front Power Seat Switch LH
(Lumbar Support Control)
E
2
W-B
Release
Hold
R
H
1
3
B
5
LG
PZ1
Y
V
Z7
Front Lumbar Support Motor LH

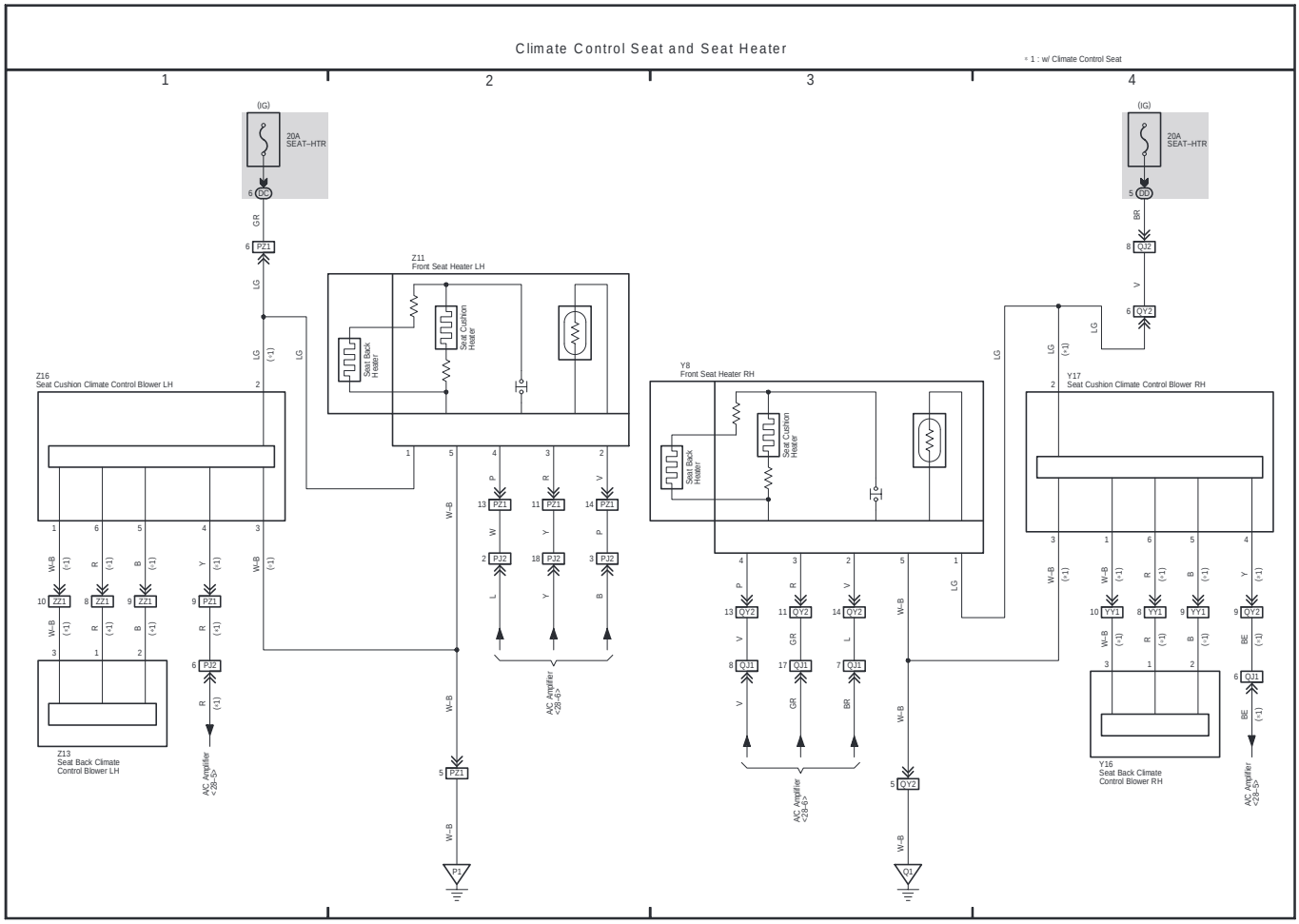

Power Seat (Front Passenger' s Seat)
1
2
3
4
(BAT)
30A
FR
P/SEAT
RH
36 DD
9 QJ2
1 QY2
W
L
Y9
Front Power Seat Switch RH
13
14
B
B1
Front
Rear
Slide
Reclining
E
E1
SLDF
SLDR
RCLF
RCLR
10
9
2
5
11
12
W-B
L
GR
LG
P
2 YY1
1 YY1
3
M
4
Y12
Front Power Seat Position Motor RH
(Slide Position)
1
2
Y13
Front Power Seat Position Motor RH
(Reclining Position)
5 QY2
Q1
Y10
Front Power Seat Switch RH (Lumbar Support Control)
Release
Hold
R
H
B
2
1
3
5
Y
4 YY1
5 YY1
Y11
Front Lumbar Support Motor RH
LG


Power Outlet
Rear Window Defogger
1
2
3
4
(BAT)
7.5A AM1
47 GD
15A PWR OUTLET
61 GD
21 DB
45 GD
(IG)
7.5A ECU-IG No.1
17 DB
40A DEFOG
2
J9 Ignition Switch
ACC
IG1
ST1
AM1
J33 ACC Cut Relay
POWER OUTLET Relay
DEFOG Relay
5A DEF I/UP
NOISE FILTER
NOISE FILTER
A49 Junction Connector
A44 Junction Connector
A/C Amplifier <2B-4S>
Engine Control Module <6-2G><-29-2G>
J41 No. 1 Power Outlet Socket Assembly RH
J42 No. 1 Power Outlet Socket Assembly LH
T8 Rear No. 1 Power Outlet Socket Assembly
T2 No. 2 Power Outlet Socket Assembly
T3 Rear No. 1 Power Outlet Socket Assembly
P9(A), P10(B) Rear Window Defogger
A1
J2
A2
P2
* 1 : Column Shift
* 2 : Floor Shift

Remote Control Mirror (w/ Seat Position Memory)

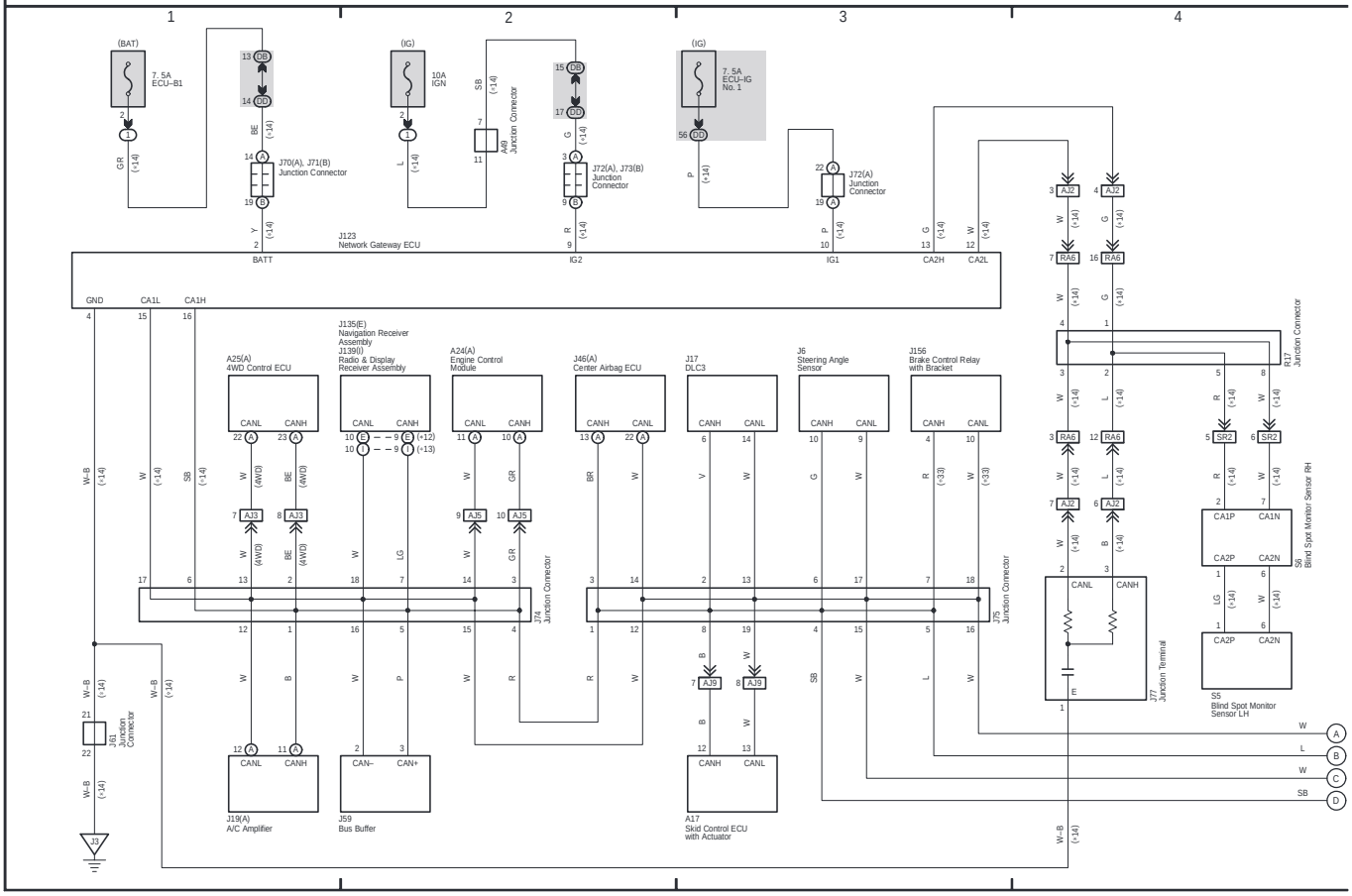



Remote Control Mirror (w/o Seat Position Memory)
1
2
3
4
(ACC)
7. 5A
ACC
8
DD
GR
9
B
J7(B)
Junction
Connector
11
B
LG
J130
Outer Mirror Switch Assembly
8
B
Left
/Up
Right
/Down
Left
Right
Up
Down
Operation
Switch
Left
Right
Left
Right
Select
Switch
M+
HL
HR
VL
VR
E
6
5
2
4
3
7
LG
V
Y
B
V
LG
G
W-B
15
NJ3
14
NJ3
16
MJ1
7
MJ1
2
11
J61
Junction
Connector
W-B
6
7
J60
Junction
Connector
6
5
4
J64
Junction
Connector
12
10
12
10
MH
MV
MH
MV
M
M
M
M
M+
M+
11
11
NS
Outer Rear View
Mirror LH
M6
Outer Rear View
Mirror RH
GR
G
13
MJ1
8
NJ3
BE
R
BE
W-B
J1

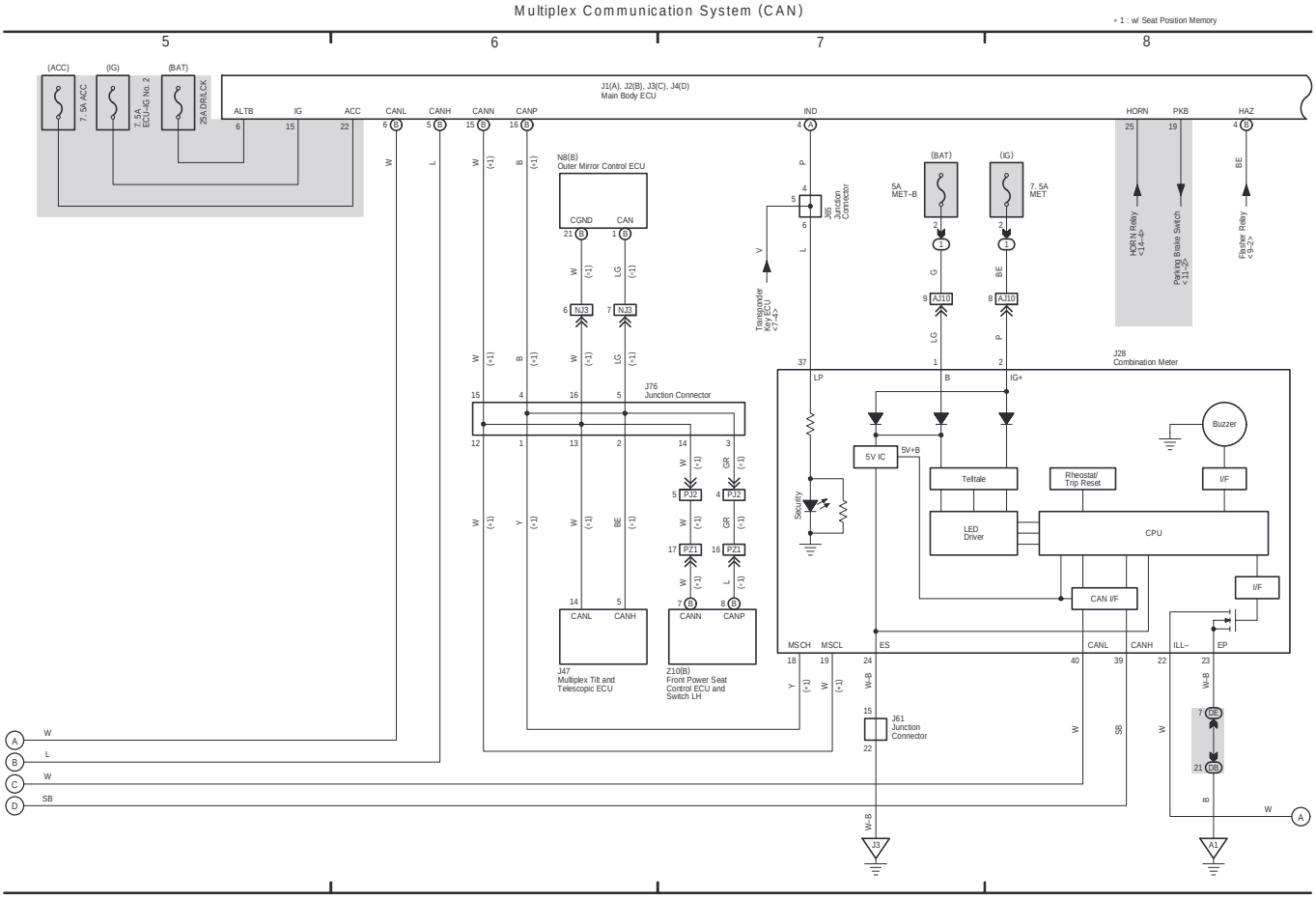

Climate Control Seat and Seat Heater
* 1 : w/ Climate Control Seat
1
2
3
4
(IG)
20A SEAT–HTR
DC
DD
PZ1
QZ2
QZ1
Z11
Front Seat Heater LH
Seat Back Heater
Seat Cushion Heater
Z16
Seat Cushion Climate Control Blower LH
Z13
Seat Back Climate Control Blower LH
PJ2
ZZ1
A/C Amplifier <2B-5>
Y8
Front Seat Heater RH
A/C Amplifier <2B-4>
Y17
Seat Cushion Climate Control Blower RH
YY1
Y16
Seat Back Climate Control Blower RH
A/C Amplifier <2B-3>
P1
Q1
W–B
LG
GR
BR
V
P
R
Y
L
B
W
BE

Multiplex Communication System (CAN)

*12 : w/ Navigation System
*13 : w/o Navigation System
*14 : w/ Blind Spot Monitor System
*33 : w/ Trailer Brake Control System

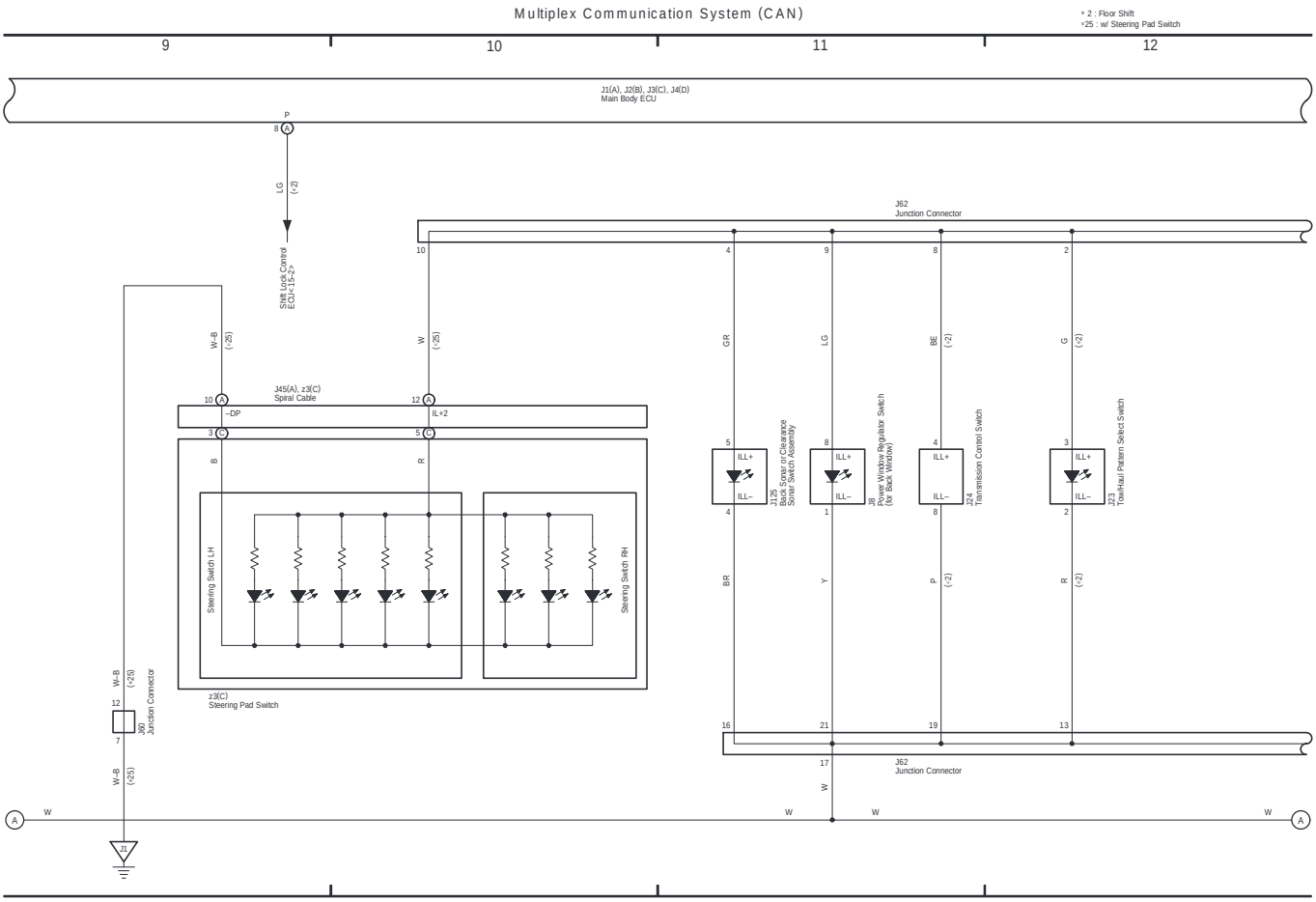


Multiplex Communication System (CAN)

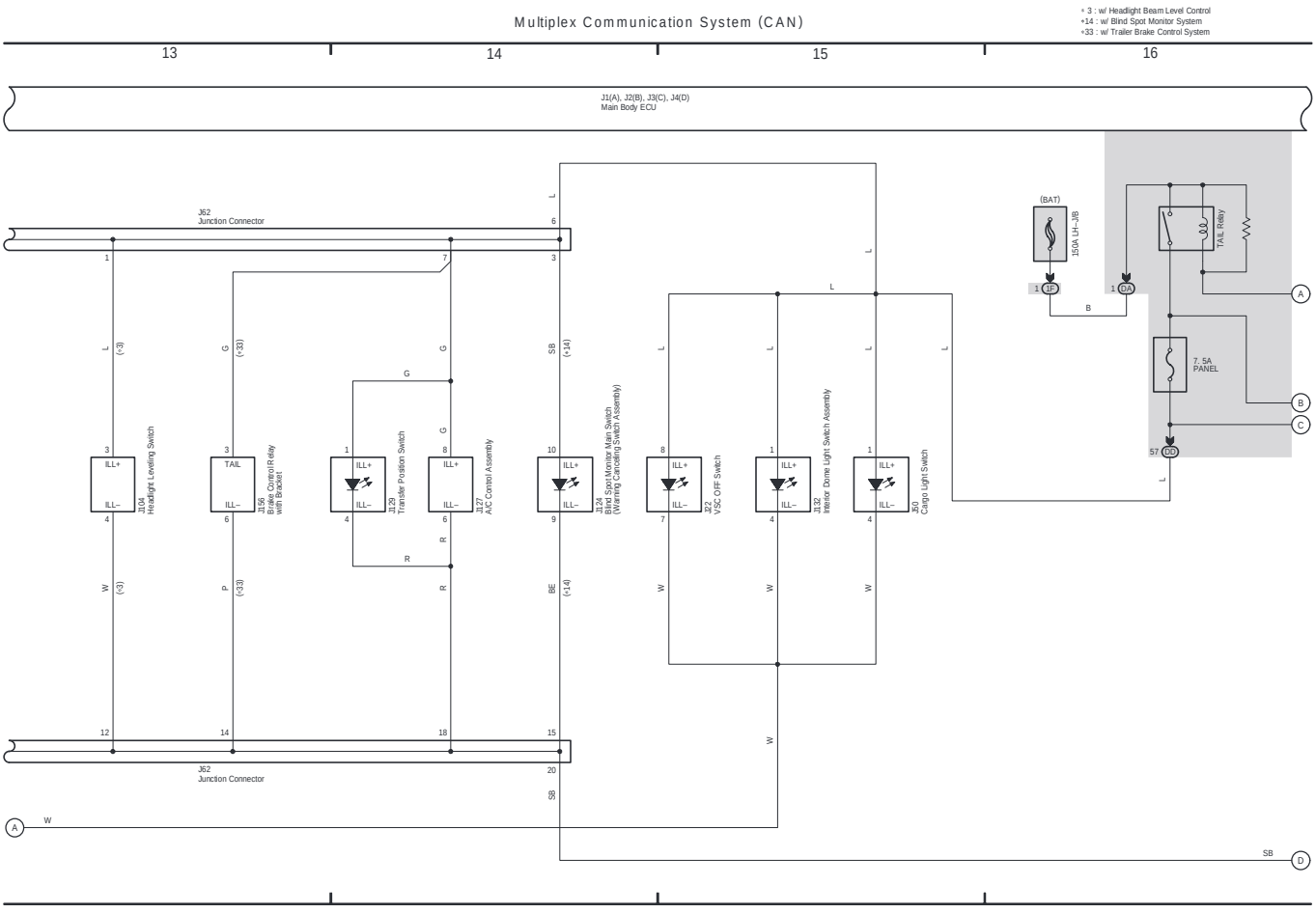


M

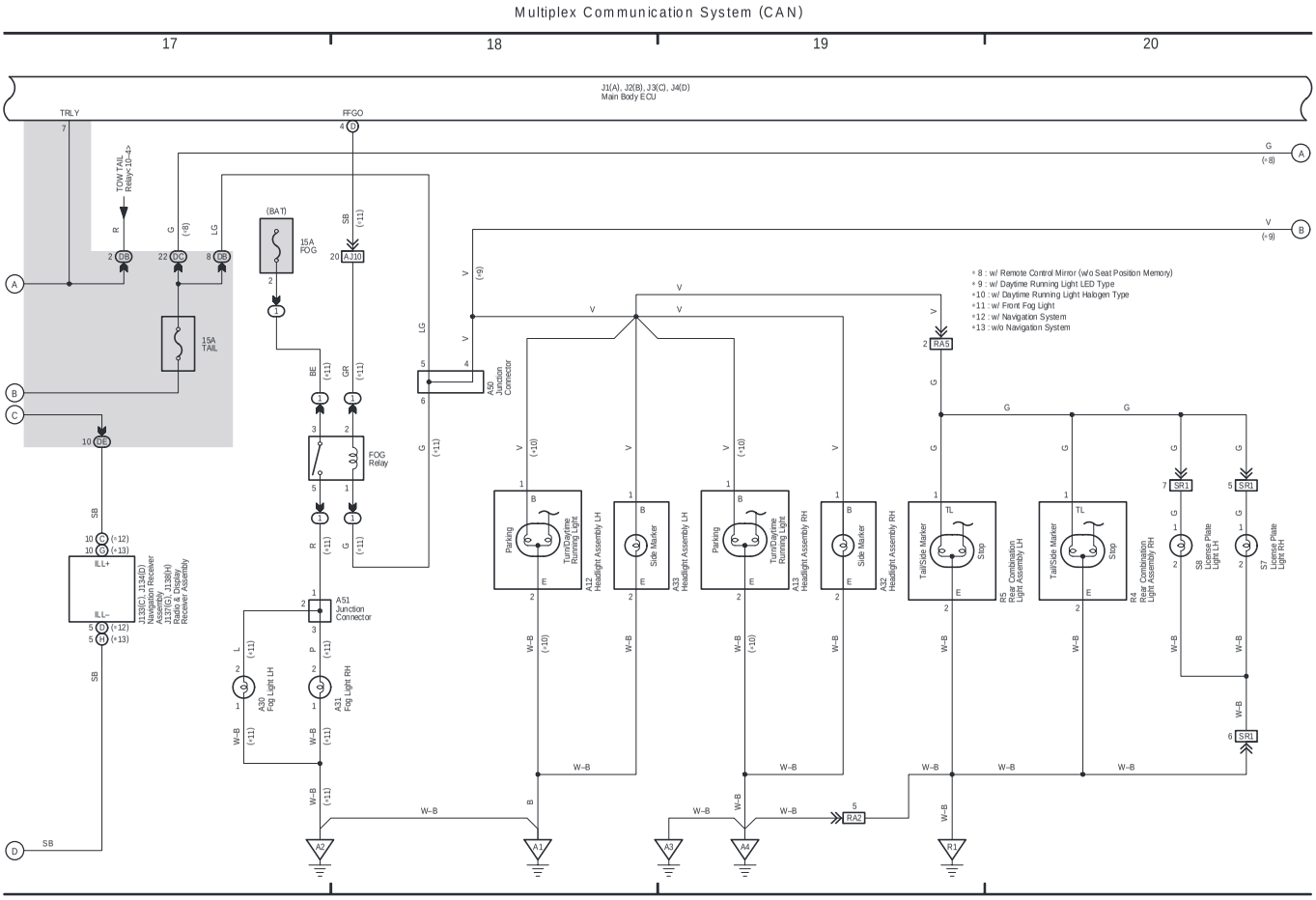
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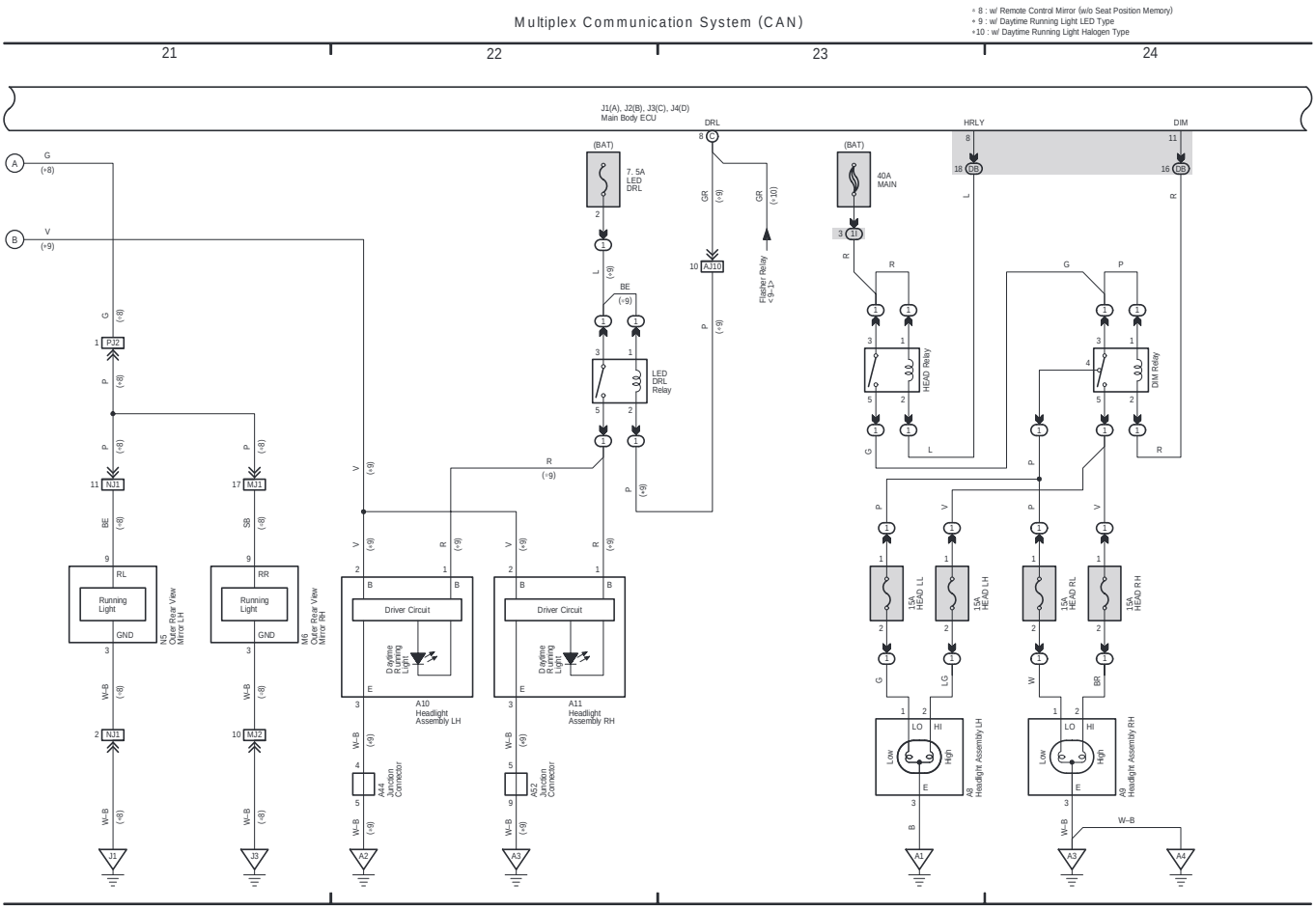
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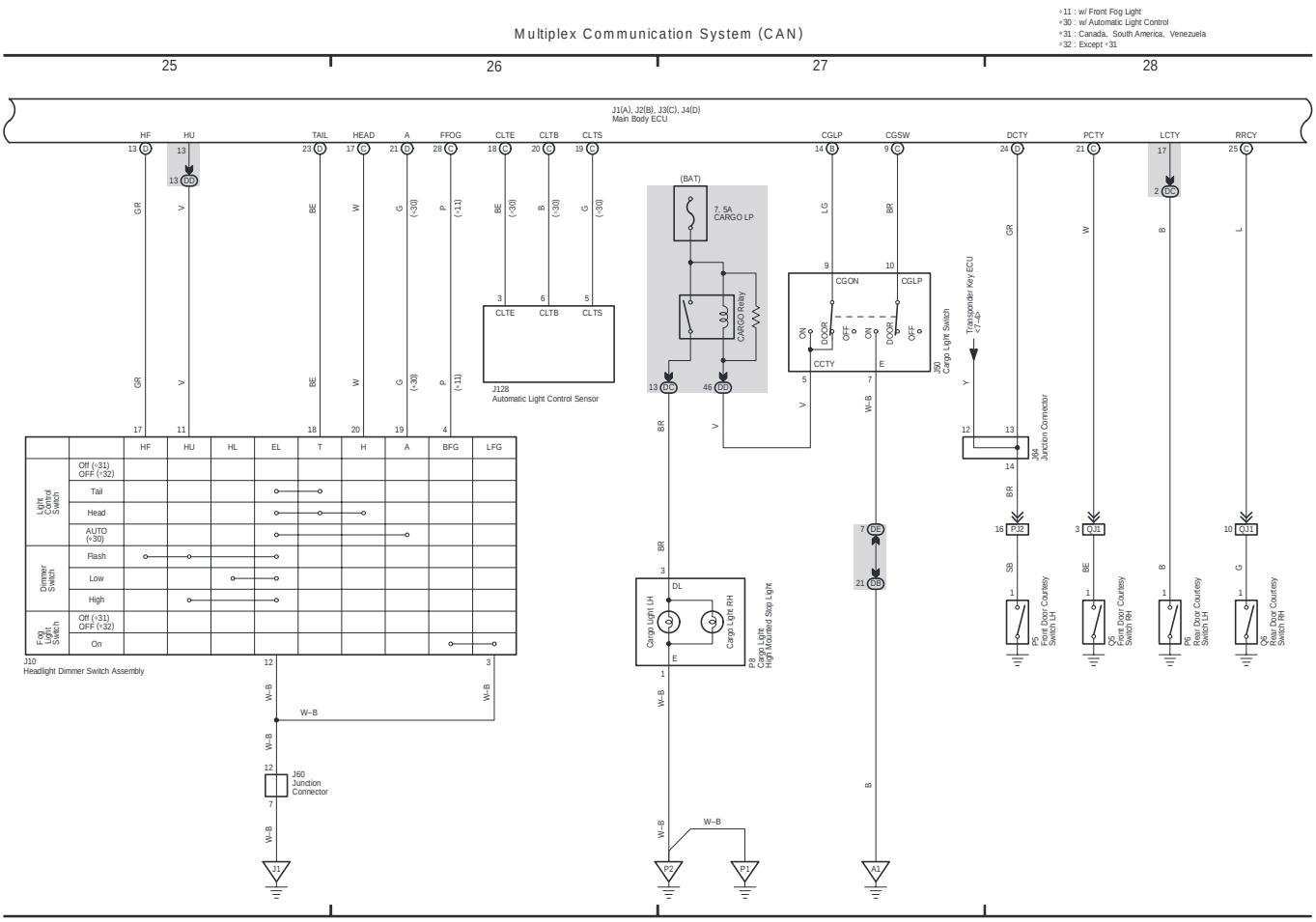
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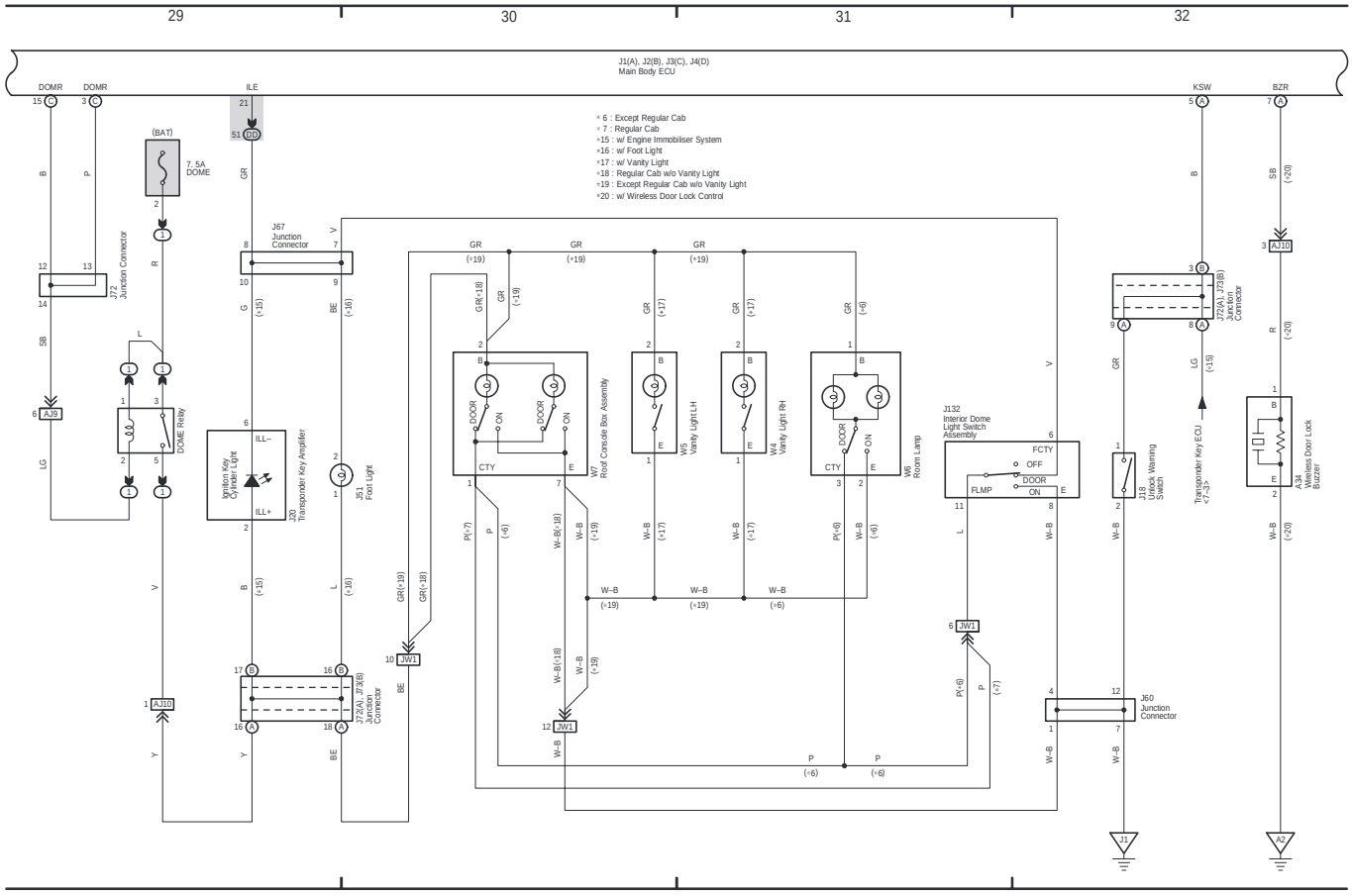


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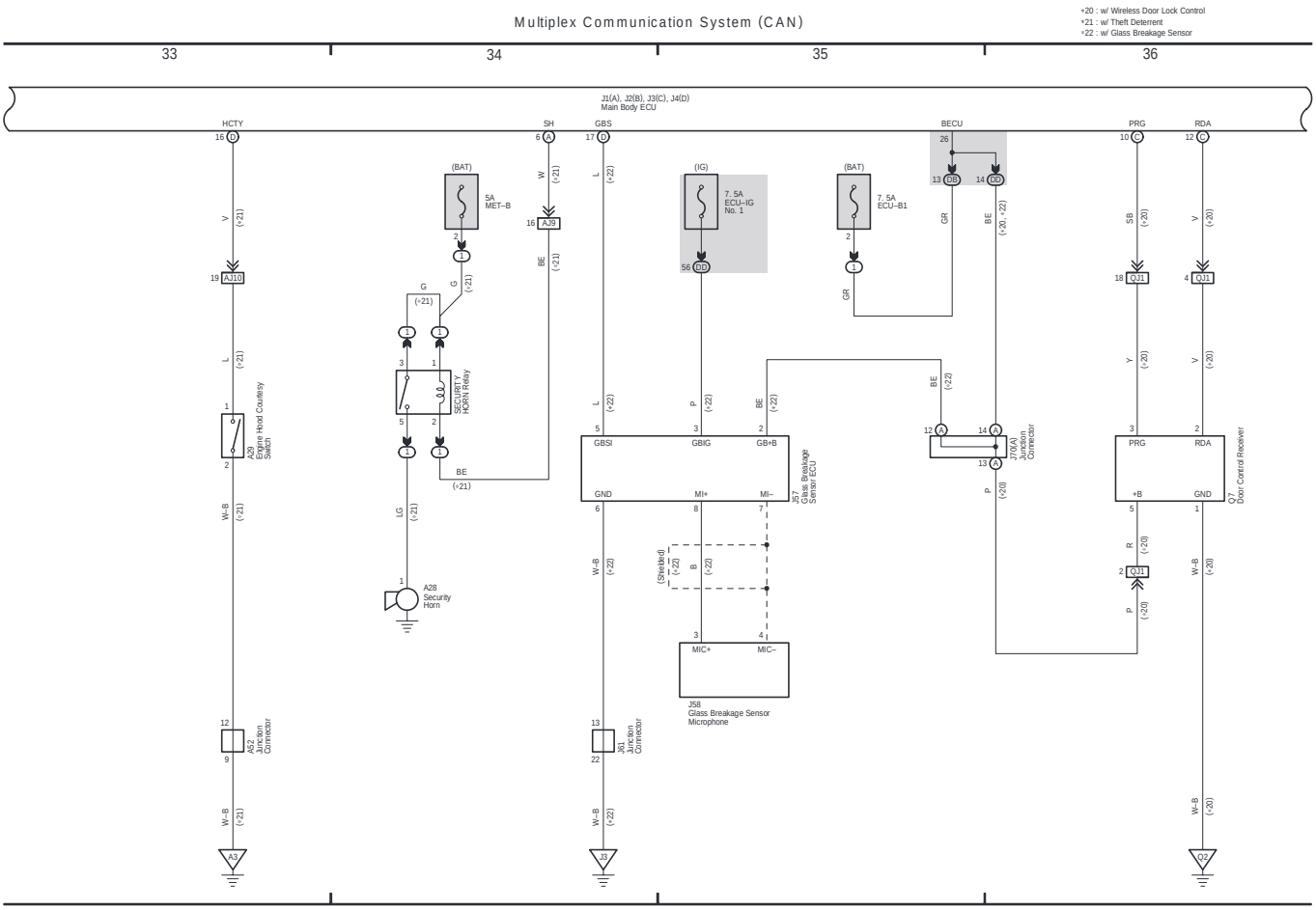


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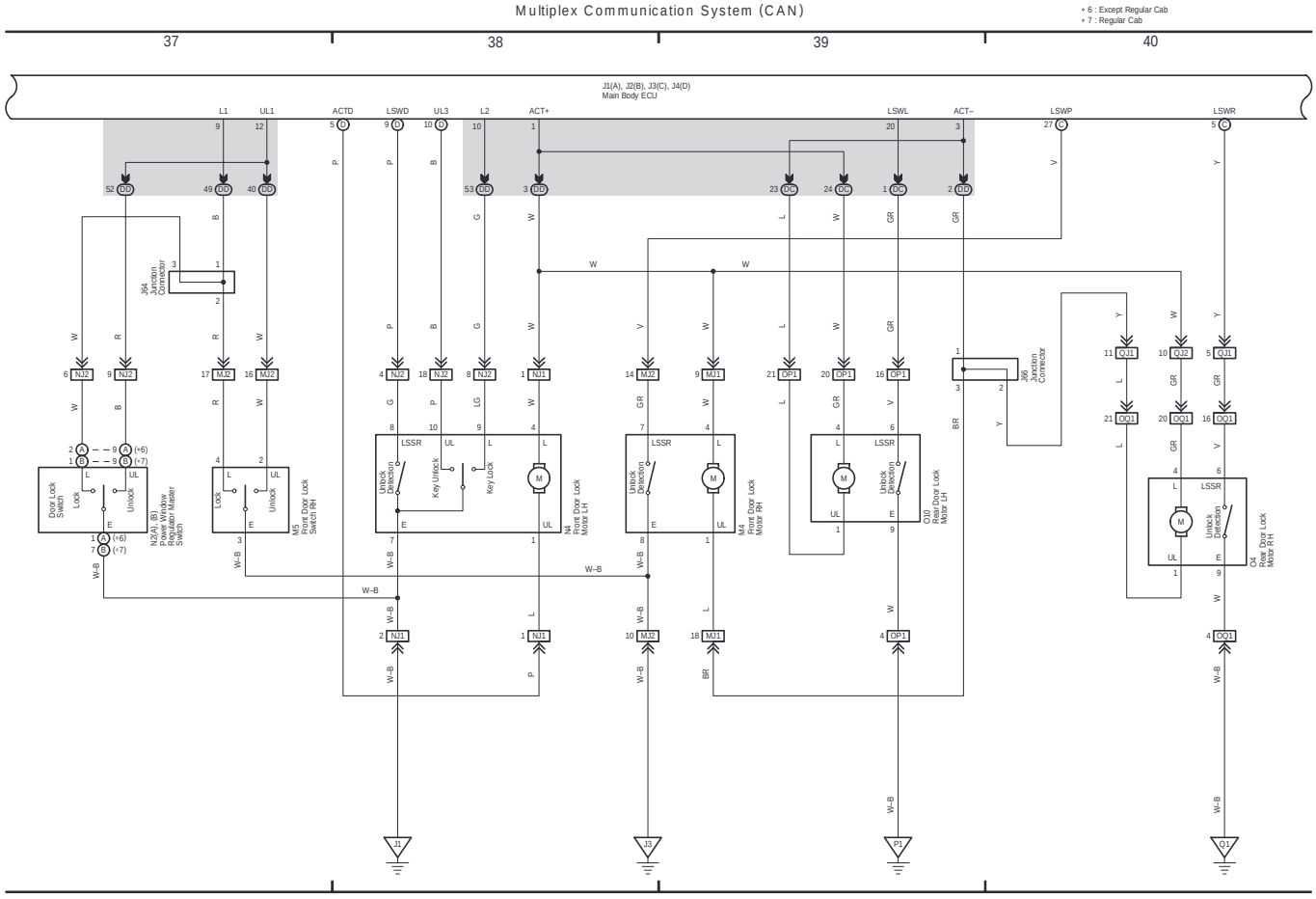
Multiplex Communication System (CAN)



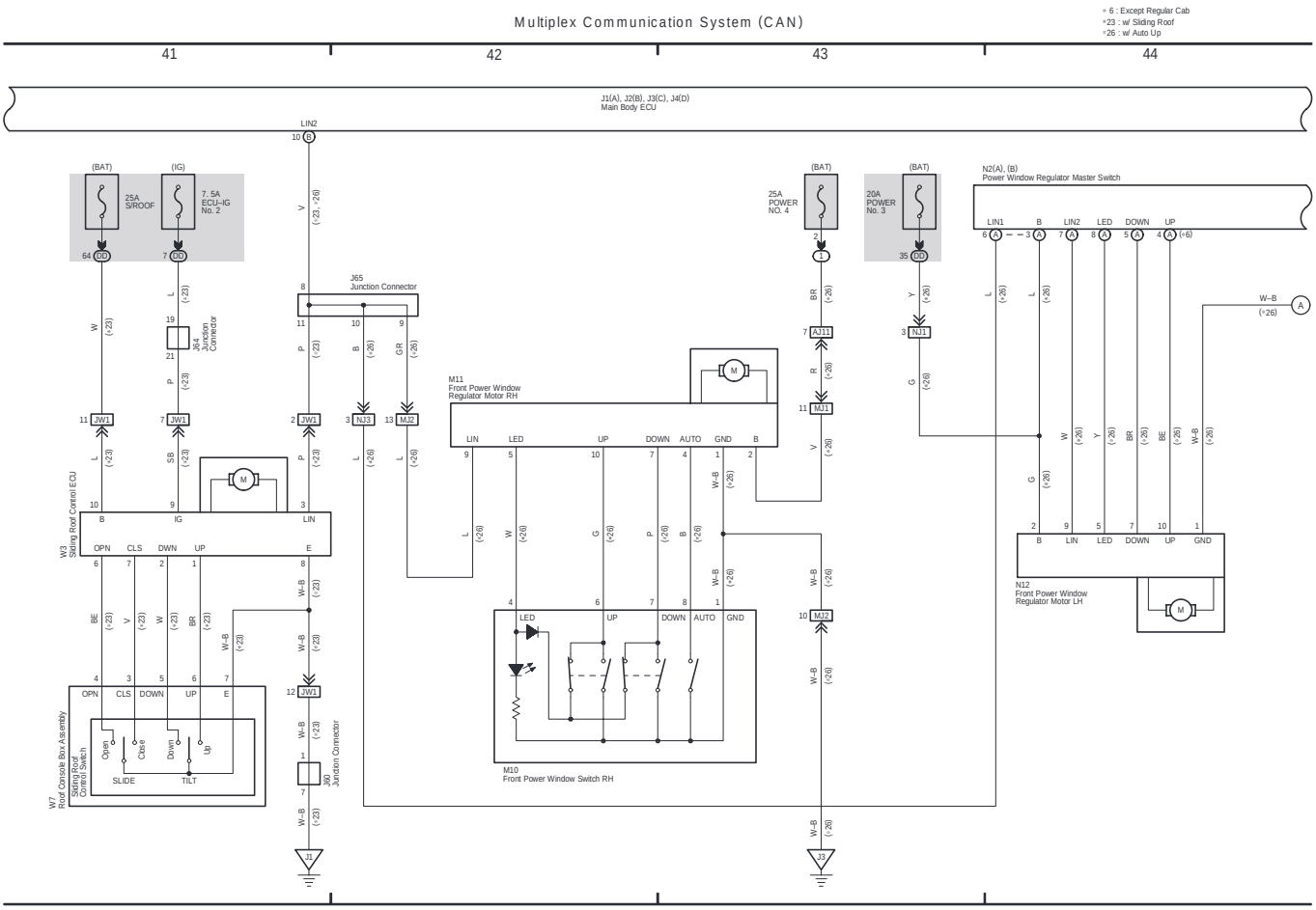
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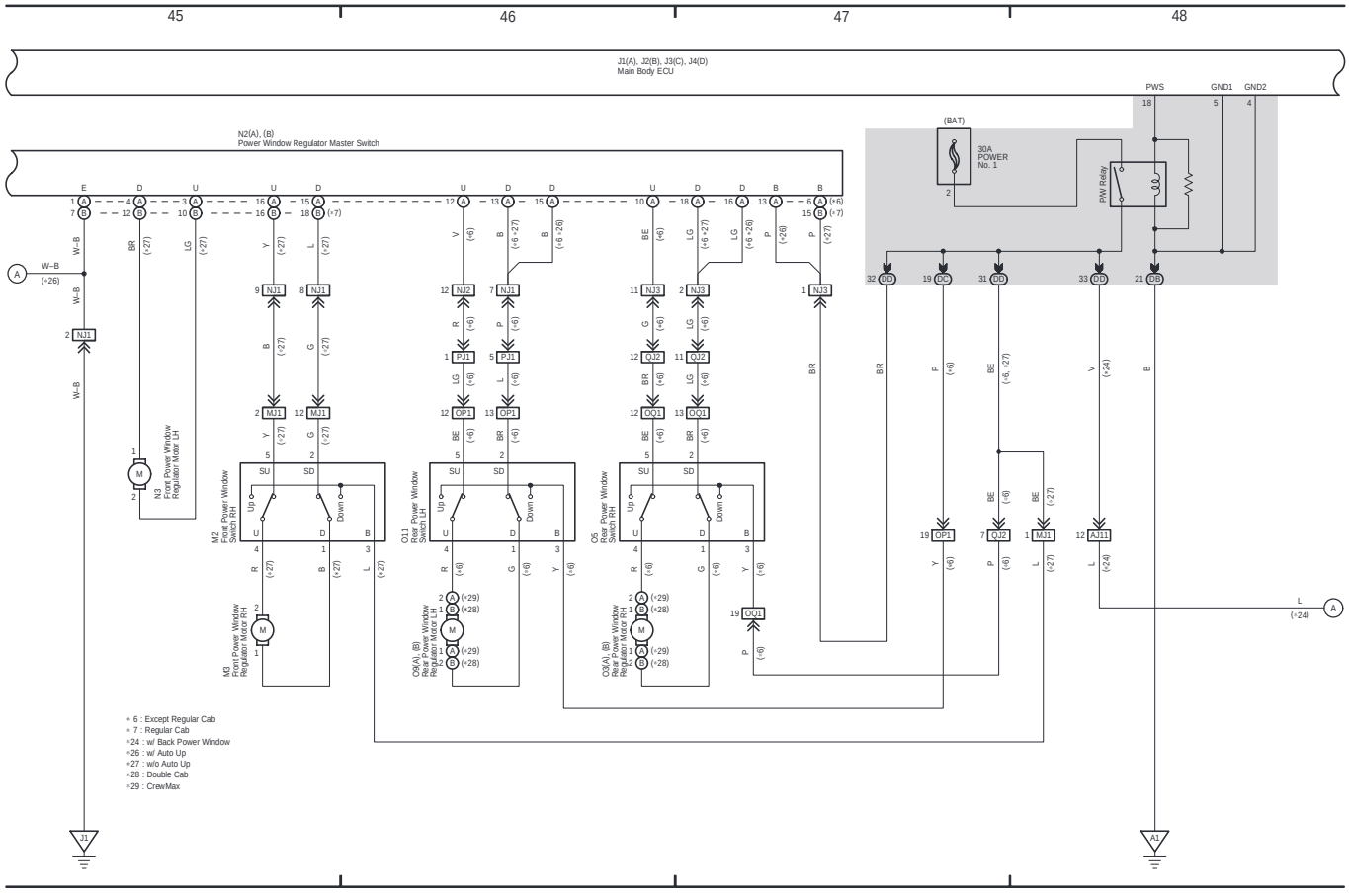


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Multiplex Communication System (CAN)



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