FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the 2007 YARIS.

Applicable models: NCP91, 93 Series

Refer to the following manuals for additional service specifications and repair procedures for these models:

Manual Name	Pub. No.
● 2007 YARIS Repair Manual	RM01V0U
● 2007 YARIS New Car Features	NM01V0U

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

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NOTICE

Always follow the directions given in the above repair manuals when handling supplemental restraint system components (such as removal, installation, inspection, etc.) in order to prevent accidents and supplemental restraint system malfunction.

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2007 YARIS
ELECTRICAL WIRING DIAGRAM

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A INTRODUCTION

This manual consists of the following 13 sections:

No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	TROUBLE–SHOOTING	Describes the basic inspection procedures for electrical circuits.
D	ABBREVIATIONS	Defines the abbreviations used in this manual.
E	GLOSSARY OF TERMS AND SYMBOLS	Defines the symbols and functions of major parts.
F	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit.
G	ELECTRICAL WIRING ROUTING	Describes position of Parts Connectors, Splice points, Ground points, etc. This section is closely related to the system circuit.
H	INDEX	Index of the system circuits.
	SYSTEM CIRCUITS	Electrical circuits of each system are shown from the power supply through ground points. Wiring connections and their positions are shown and classified by code according to the connection method. (Refer to the section, ”How to use this manual”). The ”System Outline” and ”Service Hints” useful for troubleshooting are also contained in this section.
I	GROUND POINT	Shows ground positions of all parts described in this manual.
J	POWER SOURCE (Current Flow Chart)	Describes power distribution from the power supply to various electrical loads.
K	CONNECTOR LIST	Describes the form of the connectors for the parts appeared in this book. This section is closely related to the system circuit.
L	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.
M	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.

This manual provides information on the electrical circuits installed on vehicles by dividing them into a circuit for each system.

The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. (All circuit diagrams are shown with the switches in the OFF position.)

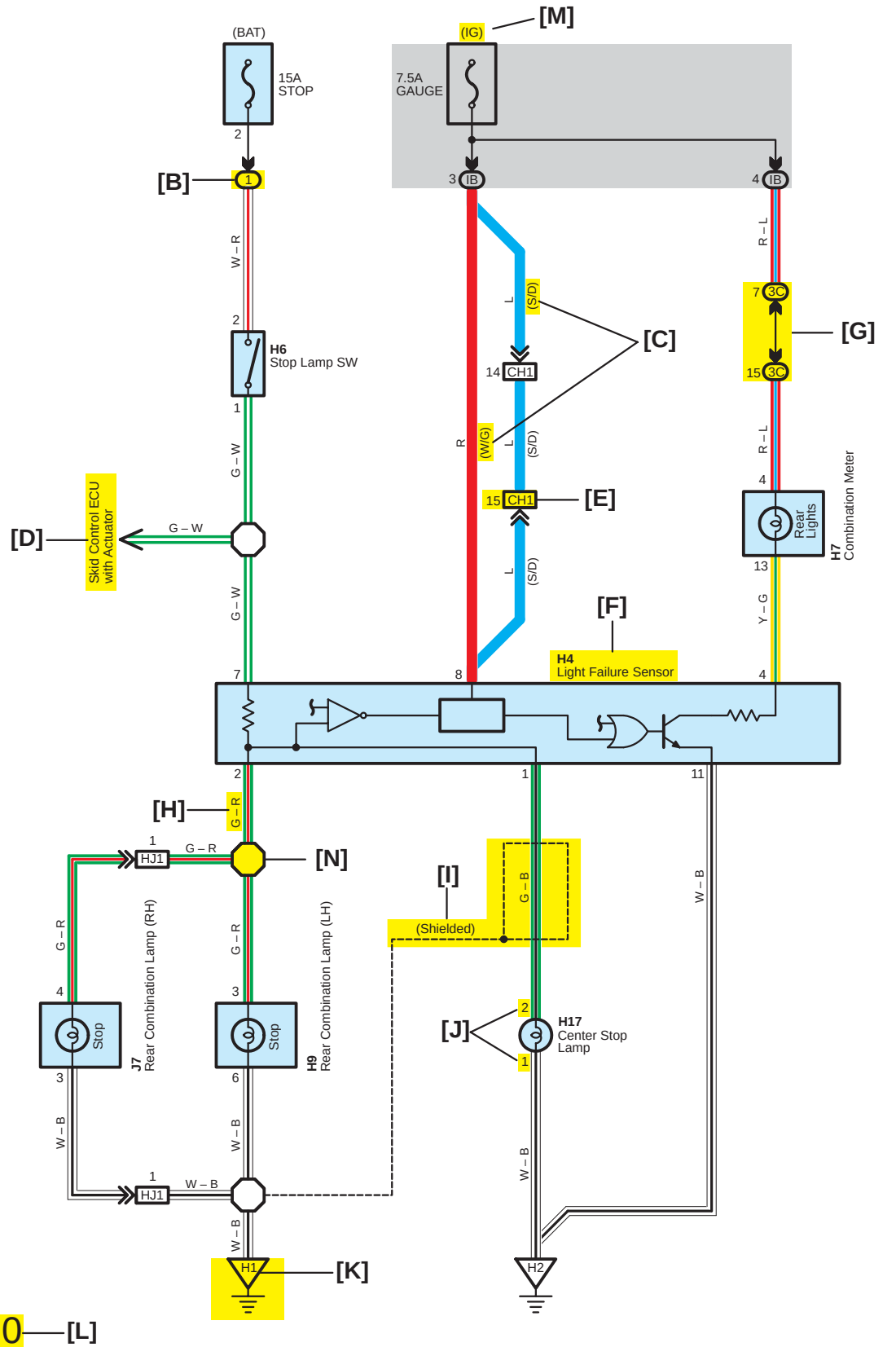
When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Point section). See the System Outline to understand the circuit operation.

When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors and ground points of each system circuit. Internal wiring for each junction block is also provided for better understanding of connection within a junction block.
Wiring related to each system is indicated in each system circuit by arrows (from__, to__). When overall connections are required, see the Overall Electrical Wiring Diagram at the end of this manual.

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

[A]

Stop Light



[A] : System Title

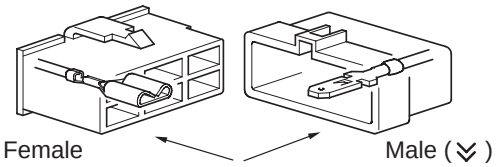
[B] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B

Example: (1) Indicates Relay Block No.1

[C] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[D] : Indicates related system.

[E] : Indicates the code for the (male and female) connectors which are used to join two wire harnesses. The connector code consists of two alphabetical and one numerical characters.



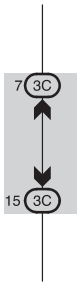
The first character of the connector code indicates the alphabetical code allocated to the wire harness which has the female connector, and the second shows that of the wire harness which has the male connector.
The third character indicates a serial number used to distinguish between the wire harness combinations in cases when more than one of the same combination of wire harnesses exist (e.g. CH1 and CH2).

Symbol ( ) indicates the male terminal connector.
Numbers outside connector codes indicate the pin numbers of both male and female connectors.

[F] : Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.

[G] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



3C indicates that it is inside Junction Block No.3

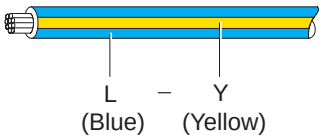
[H] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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				

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

Example: L – Y

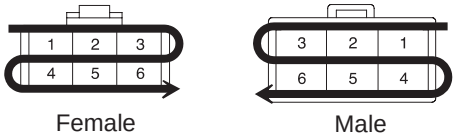


[I] : Indicates a shielded cable.



[J] : Indicates the pin number of the connector.
The numbering system is different for female and male connectors.

Example:



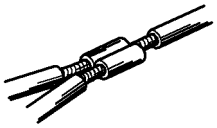
[K] : Indicates the ground point. The code consists of the two characters: A letter and number.
The first character of the code indicates the alphabetical code allocated to the wire harness. The second character indicates a serial number used to distinguish between the ground points in cases when more than one ground point exist on the same wire harness.

[L] : Page No.

[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

[N] : Indicates a wiring Splice Point.

Example:



[O] **System Outline**

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop lamp SW.
When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

Stop Light Disconnection Warning

When the ignition SW is turned on and the brake pedal is pressed (Stop lamp SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.
As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] **: Parts Location**

Code	See Page	Code	See Page	Code	See Page
H4	36	H7	36	H17	38
H6	36	H9	38	J7	38

[Q] **: Relay Blocks**

Code	See Page	Relay Blocks (Relay Block Location)
1	18	R/B No.1 (Instrument Panel Brace LH)

[R] **: Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Brace LH)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)

[S] **: Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
CH1	42	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
HJ1	50	Instrument Panel Wire and Floor Wire (Right Kick Panel)

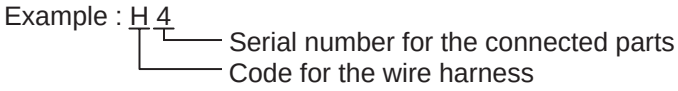
[T] **: Ground Points**

Code	See Page	Ground Points Location
H1	50	Under the Left Center Pillar
H2	50	Back Panel Center

[O] : Explains the system outline.

[P] : Indicates reference pages showing the parts locations in the system circuit on the vehicle.

Example : Code ”H4” (Light Failure Sensor) is on page 36 of the manual.
* The first character of the code indicates the alphabetical code allocated to the wire harness, and the second character indicates the serial number of the parts connected to the wire harness.



[Q] : Indicates the reference page showing the position on the vehicle of Relay Block Connectors in the system circuit.

Example : Connector ”1” is described on page 18 of this manual and is installed on the left side of the instrument panel.

[R] : Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.

Example : Connector ”3C” connects the Instrument Panel Wire and J/B No.3. It is described on page 22 of this manual, and is installed on the instrument panel left side.

[S] : Indicates the reference page describing the wiring harness and wiring harness connector (the female wiring harness is shown first, followed by the male wiring harness).

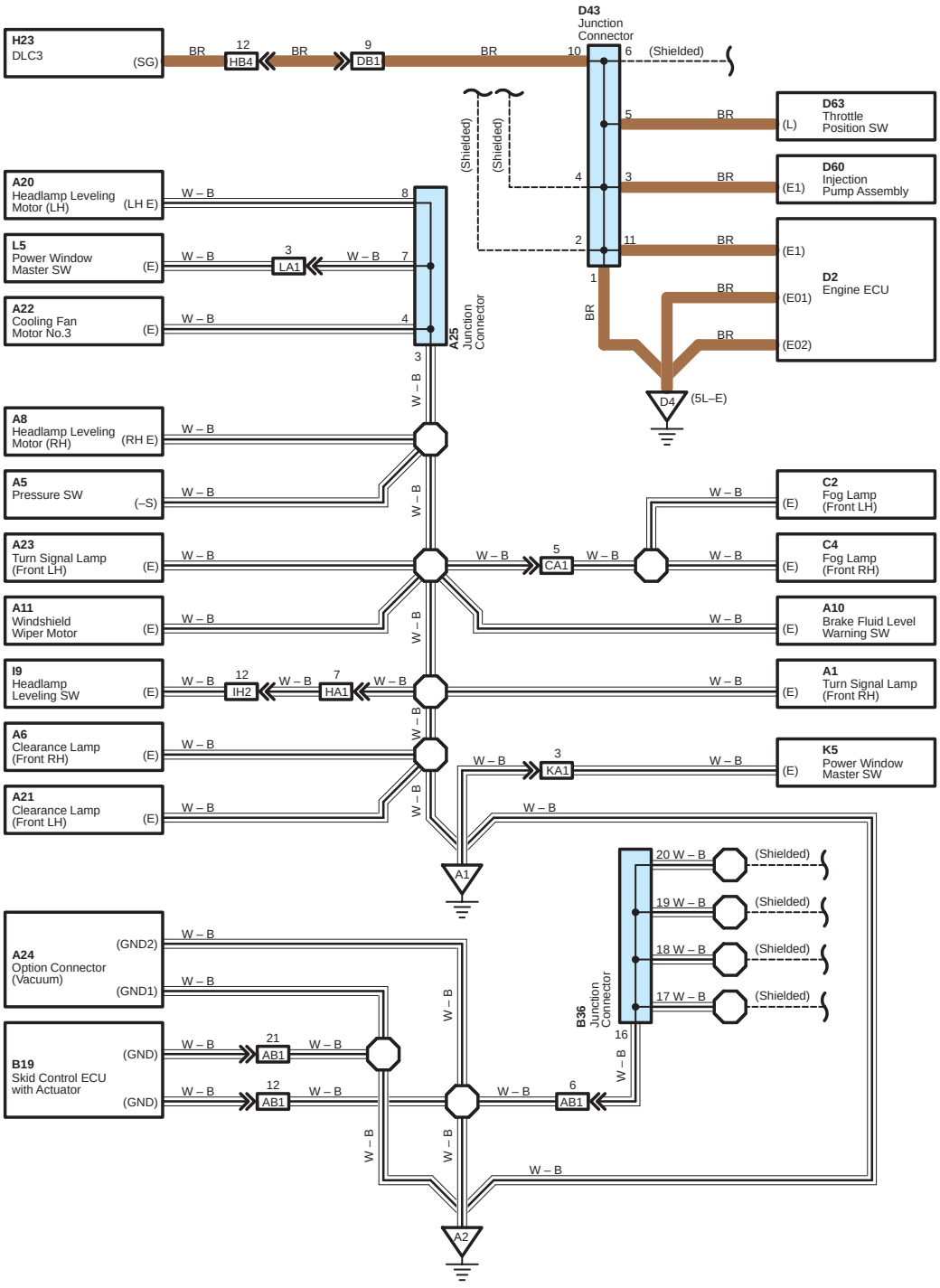
Example : Connector ”CH1” connects the Engine Room Main Wire (female) and Instrument Panel Wire (male). It is described on page 42 of this manual, and is installed on the left side kick panel.

[T] : Indicates the reference page showing the position of the ground points on the vehicle.

Example : Ground point ”H2” is described on page 50 of this manual and is installed on the back panel center.

The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points (A1 , A2 and D4 shown below) can also be checked this way.

I GROUND POINT

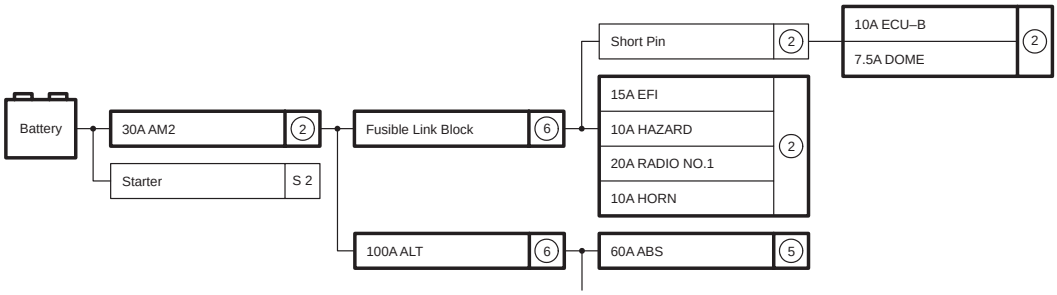


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

The ”Current Flow Chart” section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

J POWER SOURCE (Current Flow Chart)

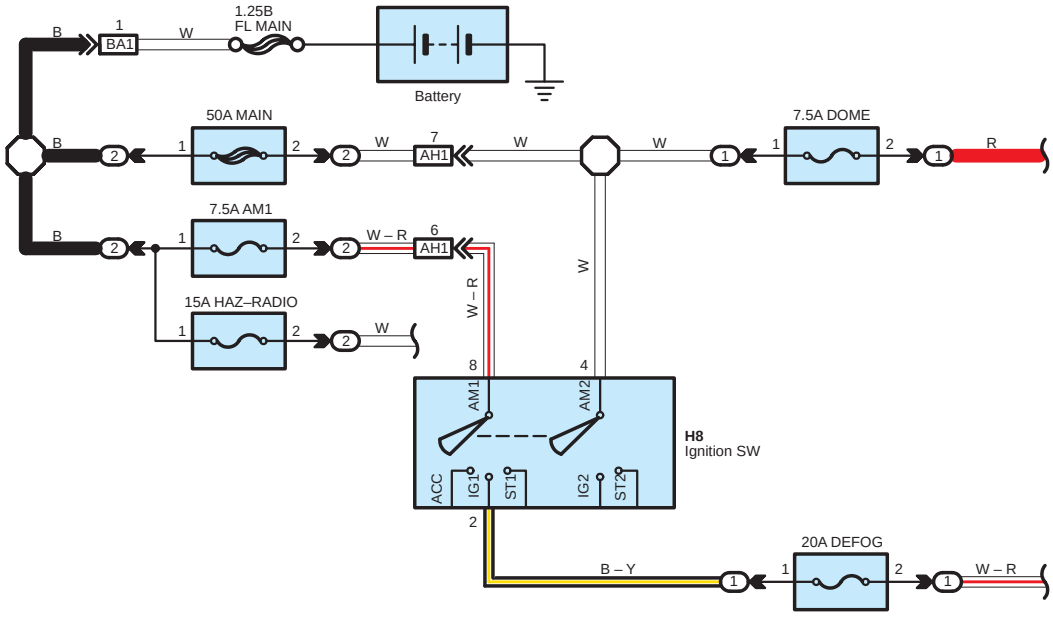
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fues, etc.) and other parts



Engine Room R/B (See Page 20)

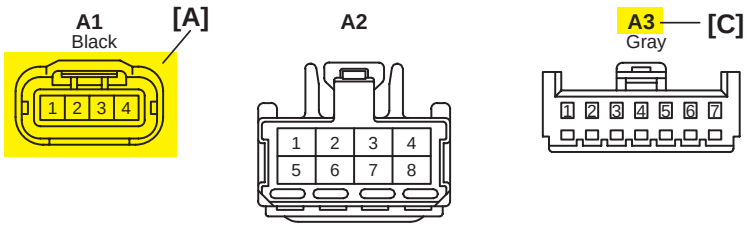
Fuse		System	Page
20A	STOP	ABS ABS and Traction Control Cruise Control Electronically Controlled Transmission Multiplex Communication System	194 187 180 166 210
10A	DOME	Cigarette Lighter Combination Meter Headlight Interior Light Key Reminder and Seat Belt Warning Light Auto Turn Off System	214 230 112 122

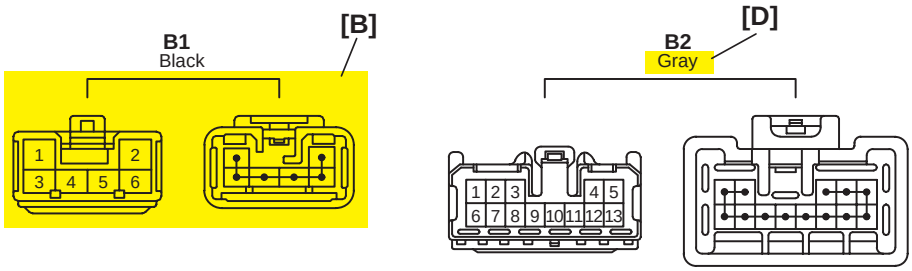
Power Source



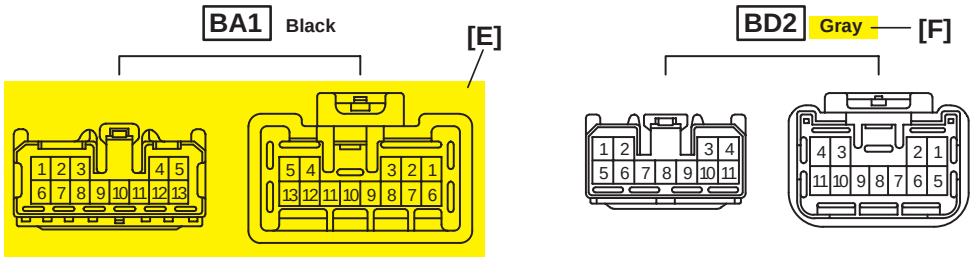
* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

K CONNECTOR LIST



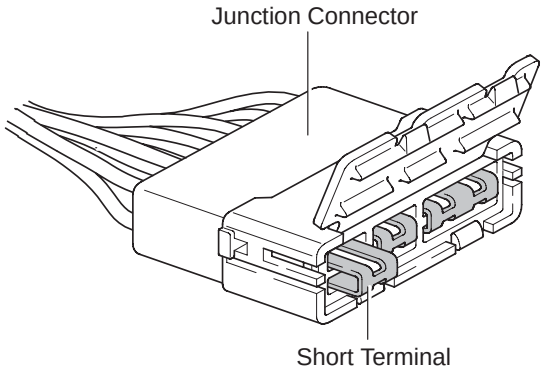


K CONNECTOR LIST



[A] : Indicates connector to be connected to a part. (The numeral indicates the pin No.)

[B] : Junction Connector
Indicates a connector which is connected to a short terminal.



Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed.

[C] : Parts Code
The first letter of the code is taken from the first letter of part, and the numbers indicates its order in parts which start with the same letter.

[D] : Connector Color
Connectors not indicated are milky white in color.

[E] : Indicates the connector shapes which are used to join wire harnesses.
On Left : Female connector shapes
On Right : Male connector shapes
Numbers indicate pin numbers.

[F] : Indicates connector colors. (Connectors with not indicated colors are white)

L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A1	Turn Signal Lamp (Front RH)	90980–11019
A2	Inlet Air Temp. Sensor	90980–11163
A3	Air Flow Meter	90980–12292
A4	A/C Pressure Sensor	90980–10845
A5	Pressure SW	90980–10943
A6	Clearance Lamp (Front RH)	90980–11156
[A]	Headla[B]H)	909[C]314
A8	Headlamp Leveling Motor (RH)	90980–11016
A9	Brake Vacuum Warning SW	90980–11252
A10	Brake Fluid Level Warning SW	90980–11207
A11	Windshield Washer Motor	90980–11599
A12	Airbag Sensor (Front RH)	90980–11856
A13	Air[illegible]	90980–12490

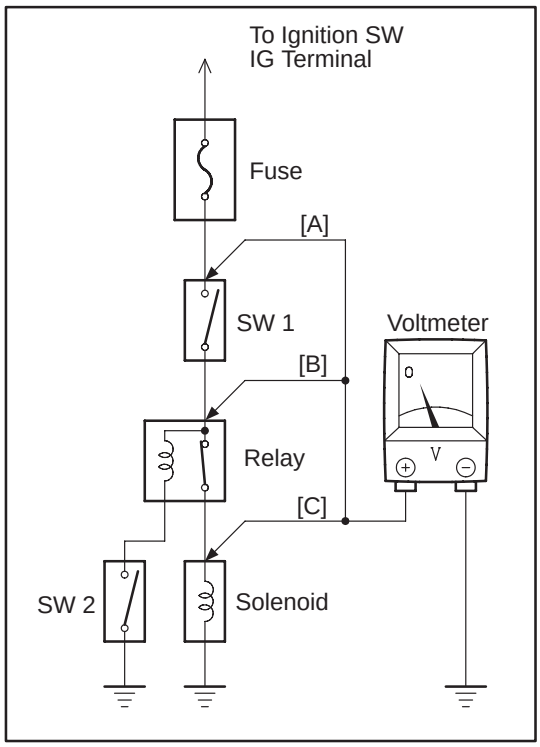
Code	Part Name	Part Number
B22	Door Courtesy SW (Front LH)	90980–12470
B23	Front Seat Outer Belt (LH)	90980–12253
B24	Blower SW (Rear Heater)	90980–10463
B25	Front Seat Outer Belt (RH)	90980–12253
B26	Door Courtesy SW (Front RH)	90980–12470
B27	Cooling Fan ECU No.1	90980–10841
B28	Cooling Fan ECU No.2	
B29	Water Temp. Sensor (Radiator)	90980–10735
B30	Fuel Filter Warning SW	90980–11003
B32	Door Control Relay (LH)	90980–10789
B33	Step Lamp (LH)	90980–10121
B34	Junction Connector	90980–11398
B35	Junction Connector	

[A] : Part Code

[B] : Part Name

[C] : Part Number
Toyota Part Number are indicated.

Not all of the above part numbers of the connector are established for the supply.

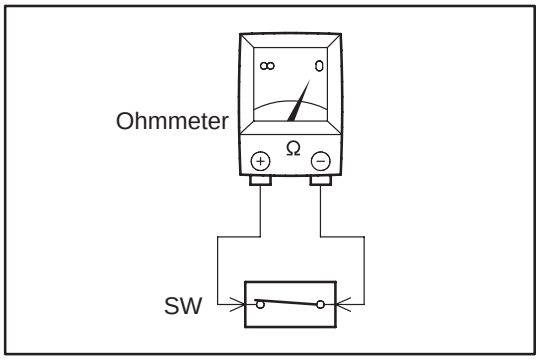


VOLTAGE CHECK

(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)

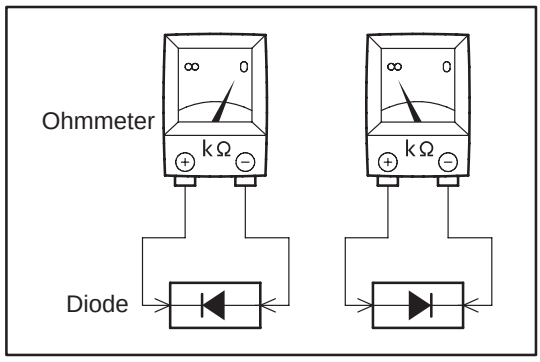
(b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal.
This check can be done with a test light instead of a voltmeter.



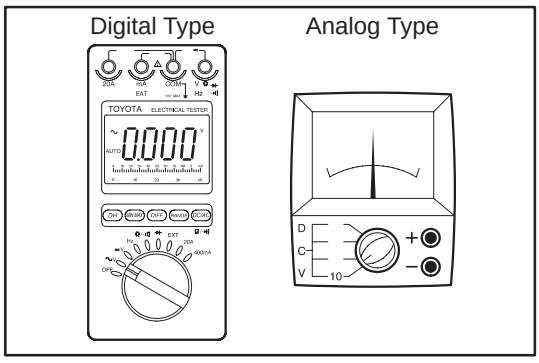
CONTINUITY AND RESISTANCE CHECK

(a) Disconnect the battery terminal or wire so there is no voltage between the check points.

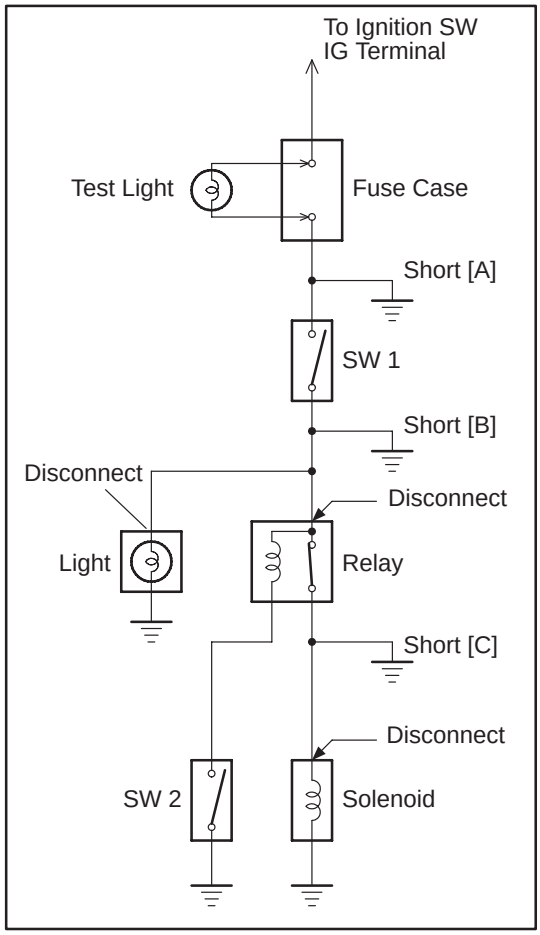
(b) Contact the two leads of an ohmmeter to each of the check points.



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



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



FINDING A SHORT CIRCUIT

(a) Remove the blown fuse and disconnect all loads of the fuse.

(b) Connect a test light in place of the fuse.

(c) Establish conditions in which the test light 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 light.
The short lies between the connector where the test light stays lit and the connector where the light goes out.

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

CAUTION:

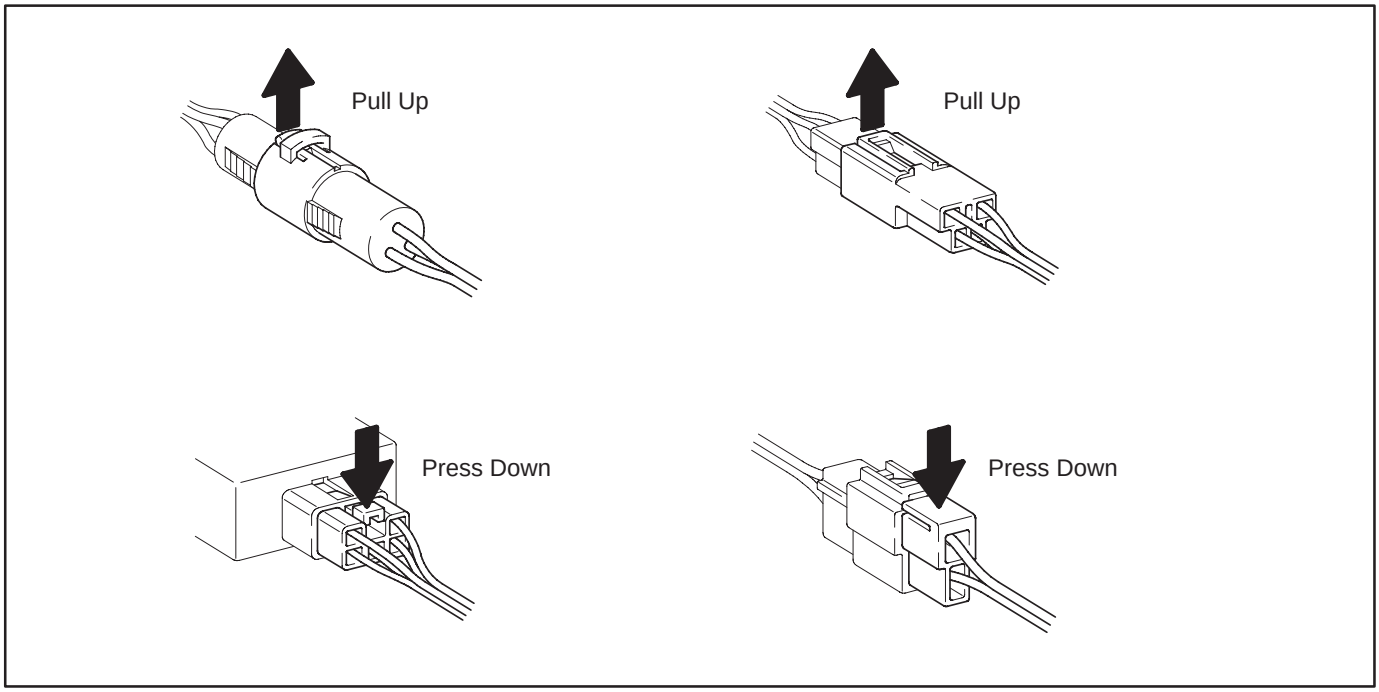
(a) Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)

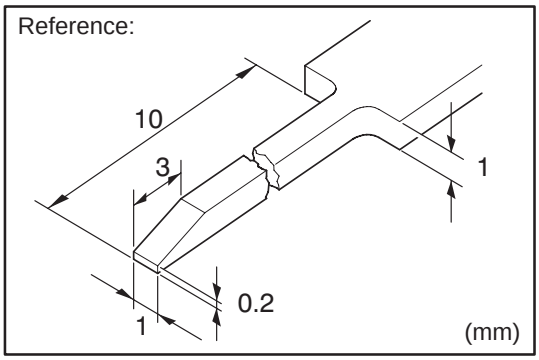
(b) When replacing the internal mechanism (ECU part) of the digital meter, be careful that no part of your body or clothing comes in contact with the terminals of leads from the IC, etc. of the replacement part (spare part).

DISCONNECTION OF MALE AND FEMALE CONNECTORS

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.



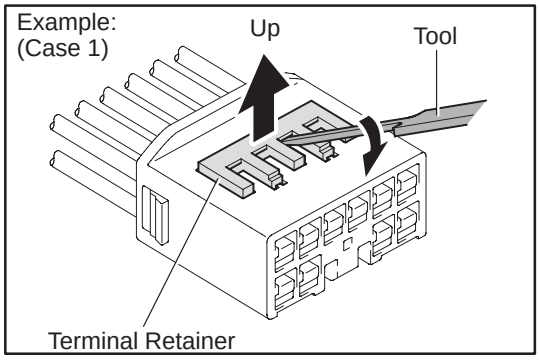


HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. 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 left.

2. DISCONNECT CONNECTOR

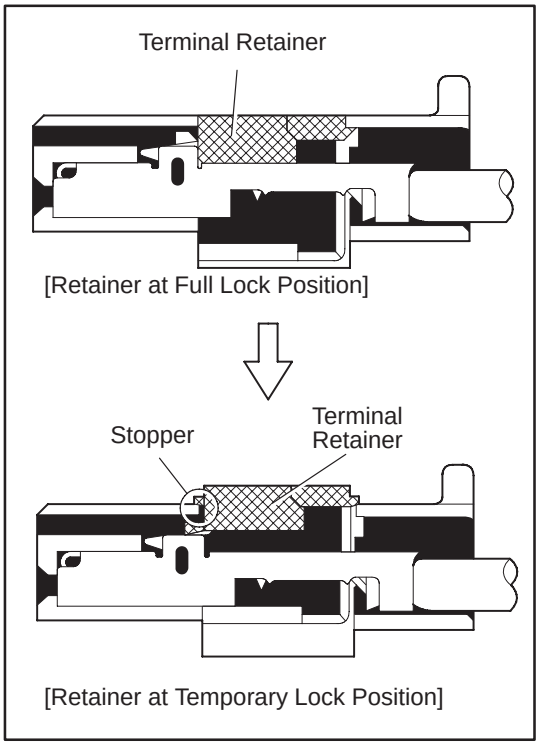


3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

   (a) Locking device must be disengaged before the 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 secondary locking device or terminal retainer.

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

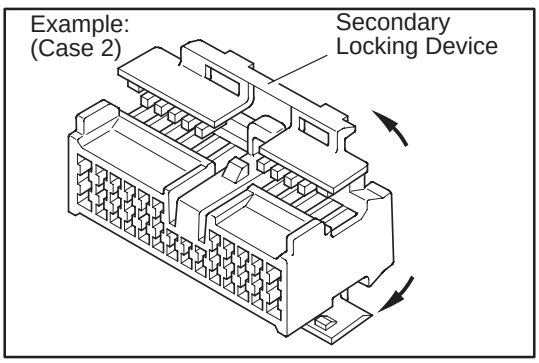


[A] For Non–Waterproof Type Connector

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

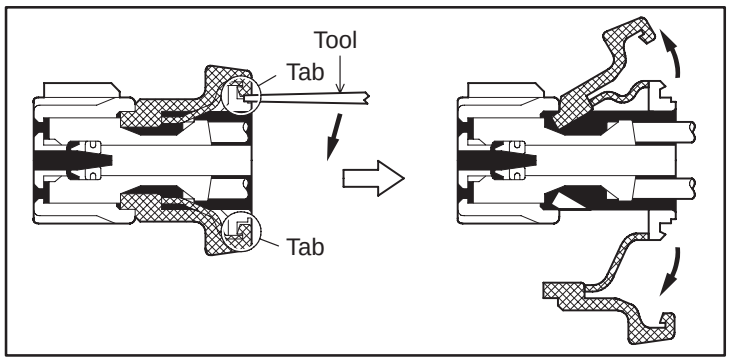
"Case 1"

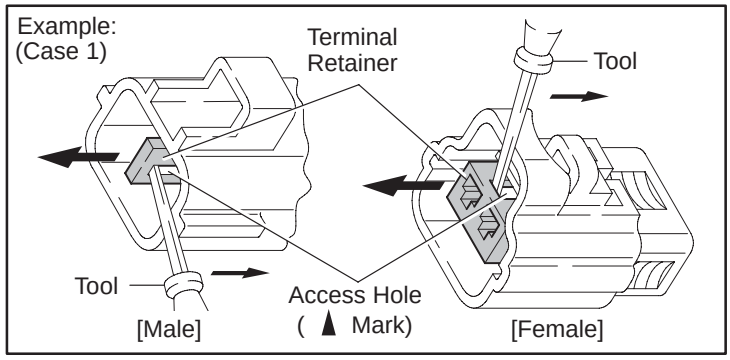
Raise the terminal retainer up to the temporary lock position.



"Case 2"

Open the secondary locking device.



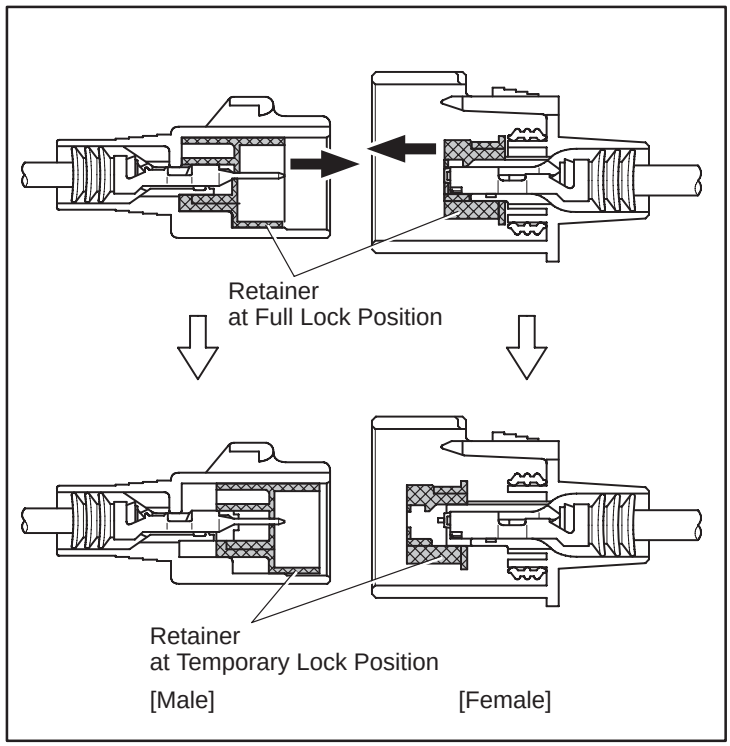


[B] For Waterproof Type Connector

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

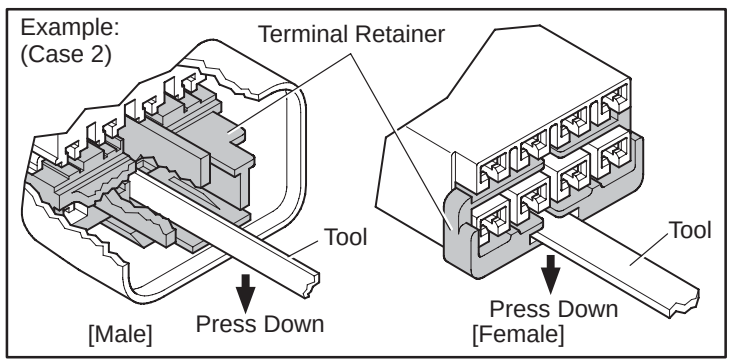


”Case 1”

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

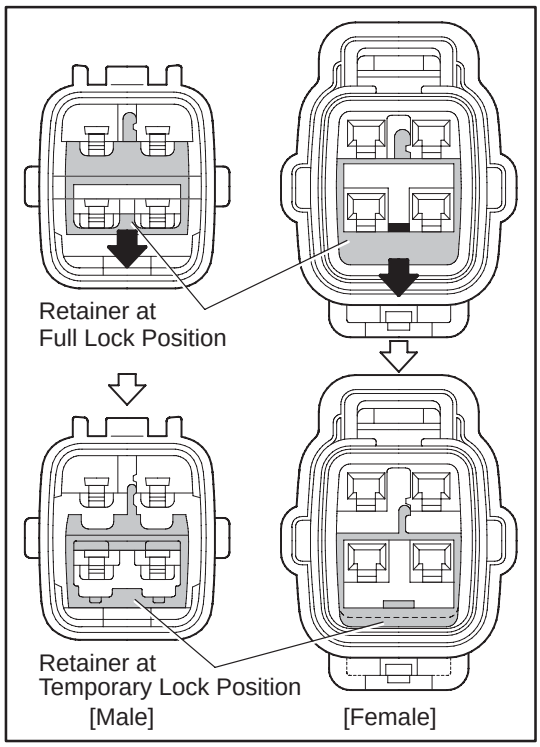
Insert the special tool into the terminal retainer access hole (▲Mark) and pull the terminal retainer up to the temporary lock position.

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

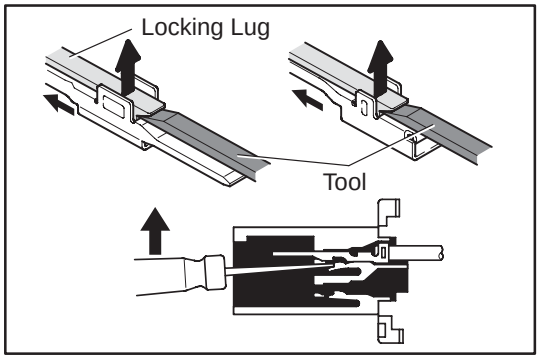


”Case 2”

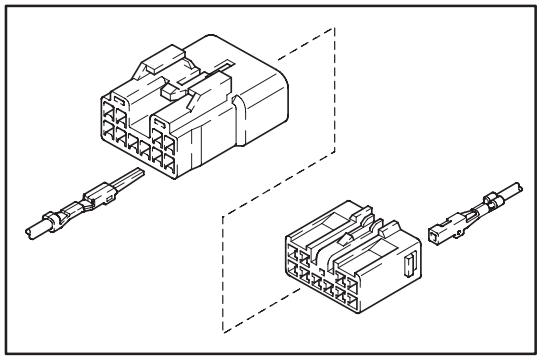
Type which cannot be pulled as far as Power Lock insert the tool straight into the access hole of terminal retainer as shown.



Push the terminal retainer down to the temporary lock position.



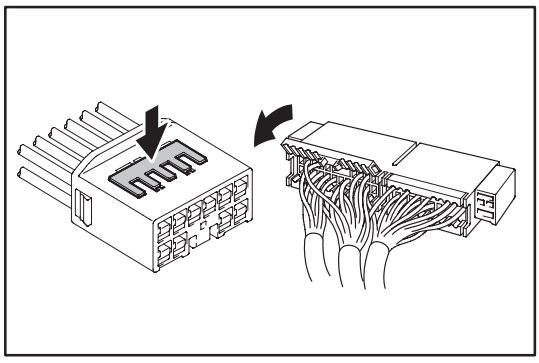
(c) Release the locking lug from terminal and pull the terminal out from rear.



4. INSTALL TERMINAL TO CONNECTOR

(a) Insert the terminal.

HINT:
1. Make sure the terminal is positioned correctly.
2. Insert the terminal until the locking lug locks firmly.
3. Insert the terminal with terminal retainer in the temporary lock position.



(b) Push the secondary locking device or terminal retainer in to the full lock position.

5. CONNECT CONNECTOR

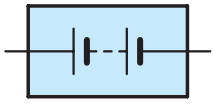
ABBREVIATIONS

The following abbreviations are used in this manual.

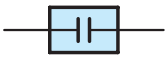
A/C	=	Air Conditioning
A/T	=	Automatic Transaxle
ABS	=	Anti–Lock Brake System
CAN	=	Controller Area Network
CPU	=	Central Processing Unit
EBD	=	Electronic Brake Force Distribution
ECU	=	Electronic Control Unit
EPS	=	Electric Motor Power Steering
H/B	=	Hatchback Type
IC	=	Integrated Circuit
J/B	=	Junction Block
LED	=	Light Emitting Diode
LH	=	Left–Hand
M/T	=	Manual Transaxle
PTC	=	Positive Temperature Coefficient
R/B	=	Relay Block
RH	=	Right–Hand
S/D	=	Sedan Type
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
VSV	=	Vacuum Switching Valve
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.

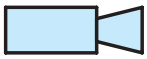
E GLOSSARY OF TERMS AND SYMBOLS



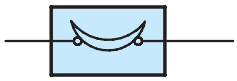
BATTERY
Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.



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.



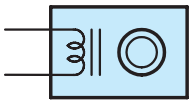
DIODE
A semiconductor which allows current flow in only one direction.



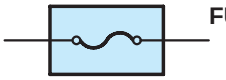
DIODE, ZENER
A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.



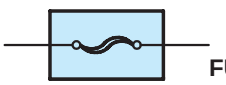
PHOTODIODE
The photodiode is a semiconductor which controls the current flow according to the amount of light.



DISTRIBUTOR, IIA
Channels high–voltage current from the ignition coil to the individual spark plugs.



(for Medium Current Fuse)



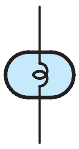
(for High Current Fuse or Fusible Link)

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.

FUSIBLE LINK
A heavy–gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the crosssection surface area of the wires.



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

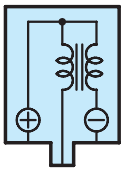


2. DOUBLE FILAMENT

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



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.

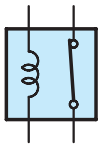


METER, DIGITAL
Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.

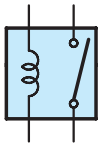


MOTOR
A power unit which converts electrical energy into mechanical energy, especially rotary motion.

RELAY



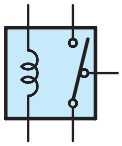
1. NORMALLY CLOSED



2. NORMALLY OPEN

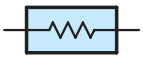
Basically, an electrically operated switch which may be normally closed (1) or open (2).
Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.

RELAY, DOUBLE THROW



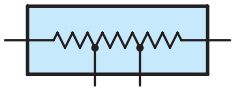
A relay which passes current through one set of contacts or the other.

RESISTOR



An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.

RESISTOR, TAPPED



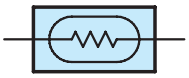
A resistor which supplies two or more different non adjustable resistance values.

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.

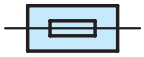
SENSOR, SPEED



(Reed Switch Type)

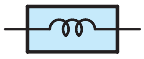
Uses magnetic impulses to open and close a switch to create a signal for activation of other components.

SHORT PIN



Used to provide an unbroken connection within a junction block.

SOLENOID



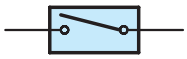
An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.

SPEAKER

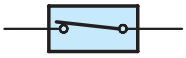


An electromechanical device which creates sound waves from current flow.

SWITCH, MANUAL



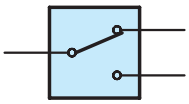
1. NORMALLY OPEN



2. NORMALLY CLOSED

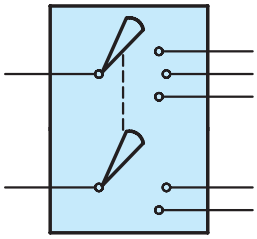
Opens and closes circuits, thereby stopping (1) or allowing (2) current flow.

SWITCH, DOUBLE THROW



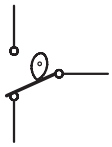
A switch which continuously passes current through one set of contacts or the other.

SWITCH, IGNITION



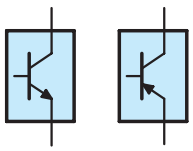
A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.

SWITCH, WIPER PARK



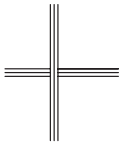
Automatically returns wipers to the stop position when the wiper switch is turned off.

TRANSISTOR

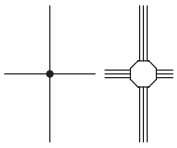


A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".

WIRES



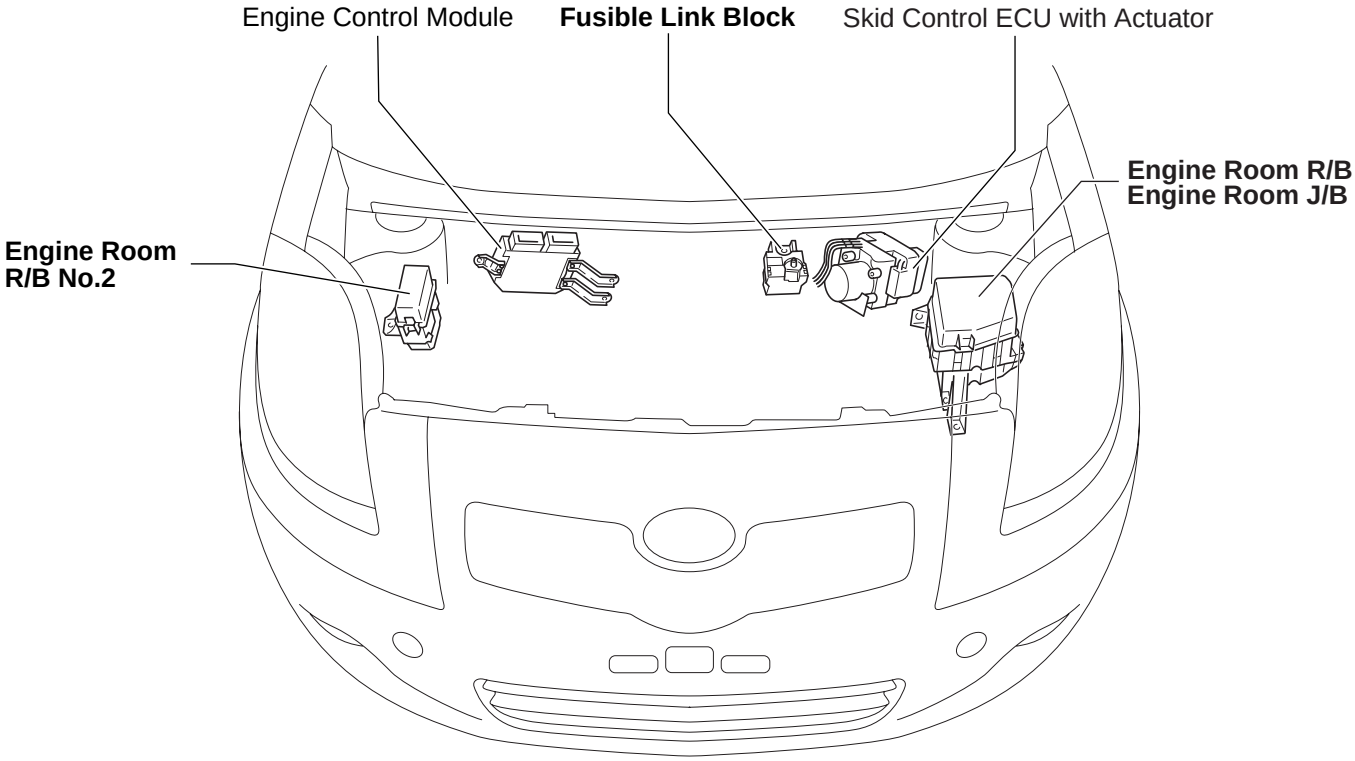
(1) NOT CONNECTED



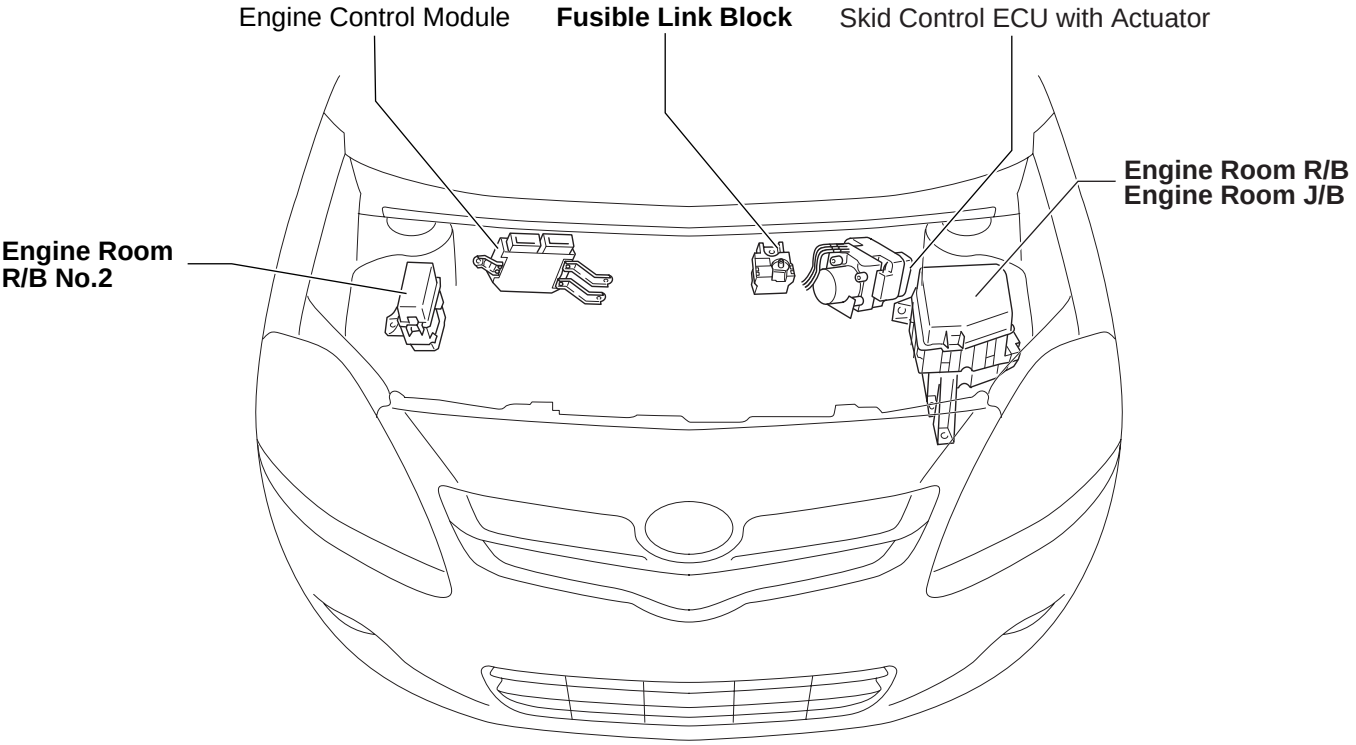
(2) SPLICED

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.

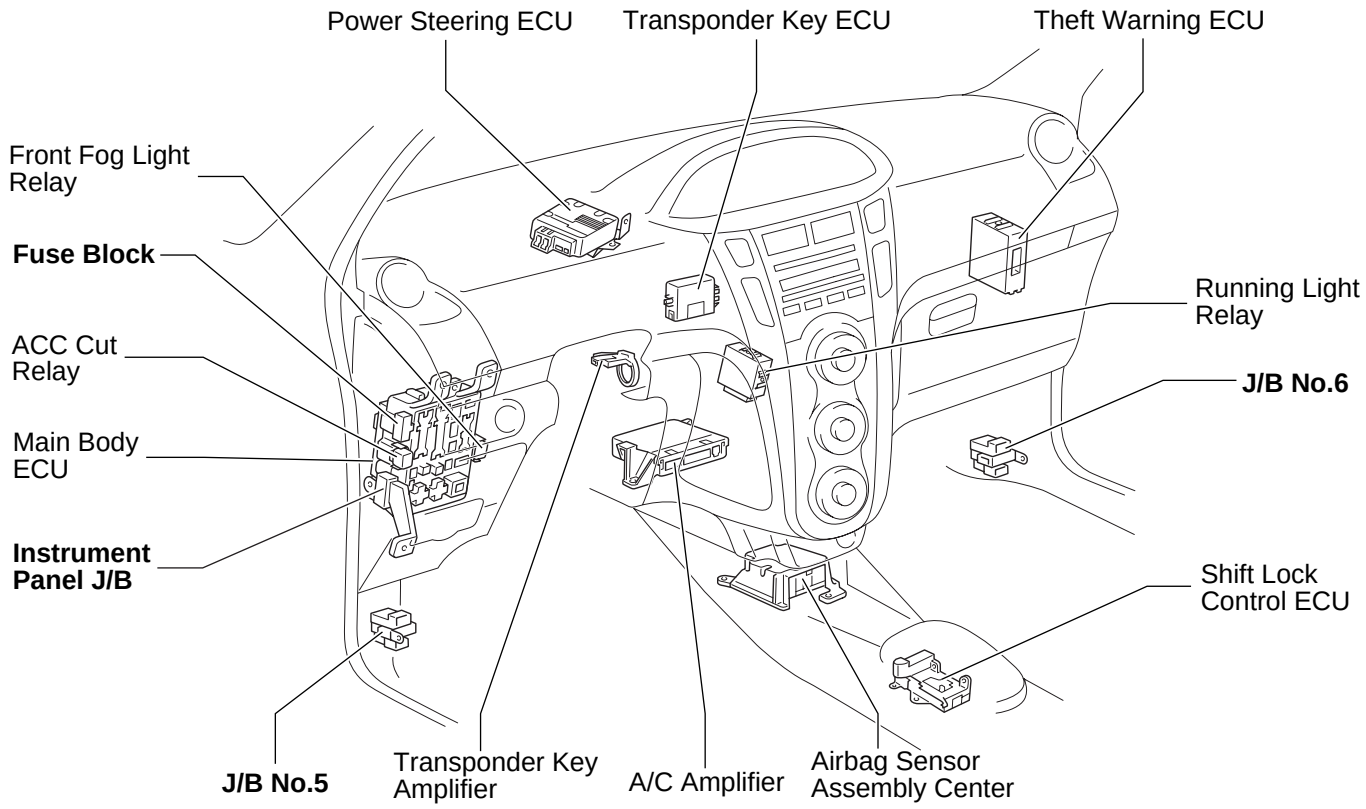
[Engine Compartment]
(H/B)



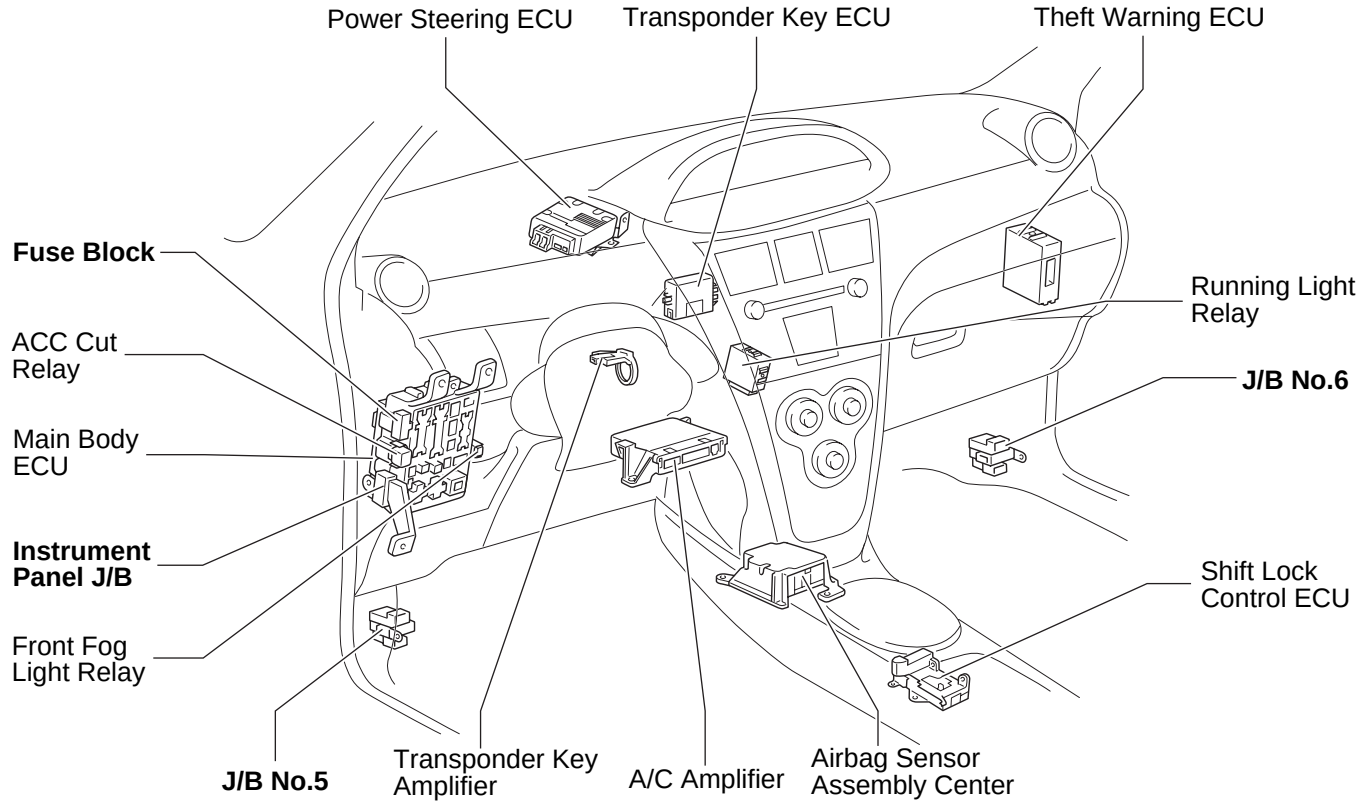
(S/D)



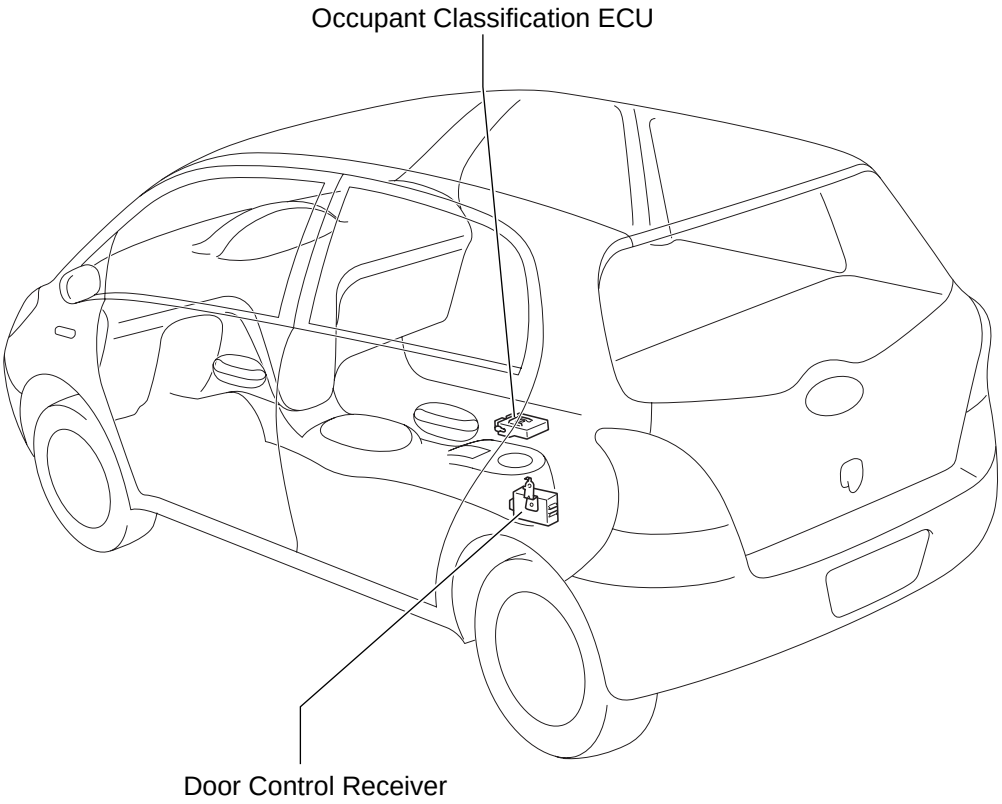
[Instrument Panel]
(H/B)



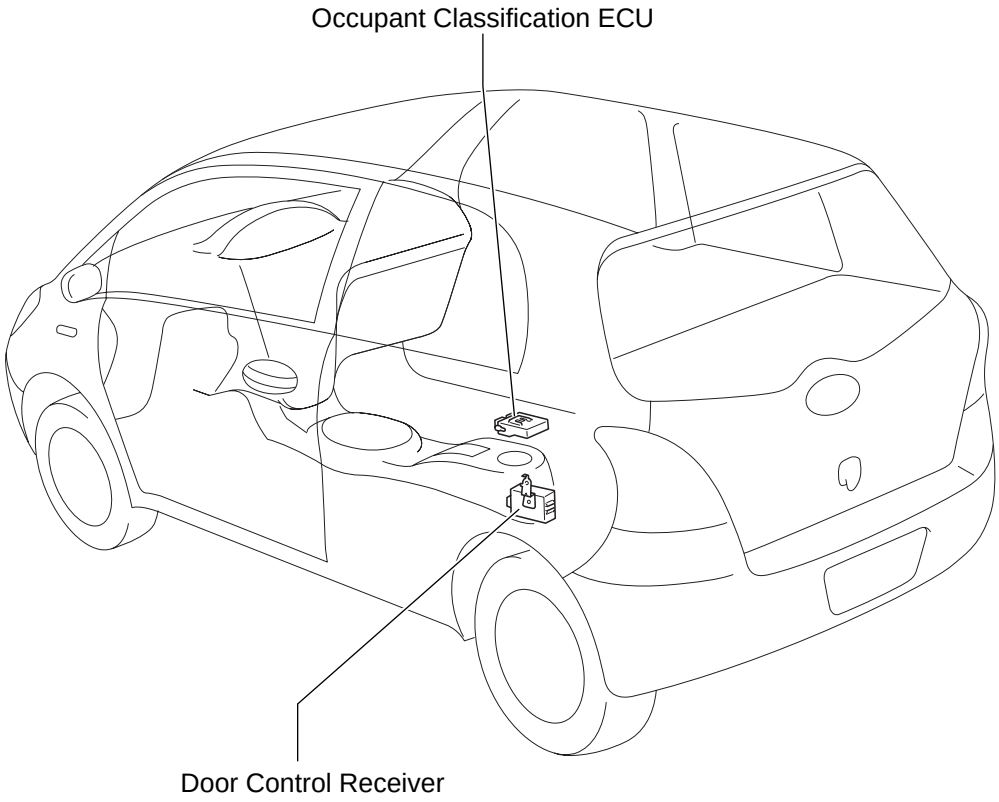
(S/D)



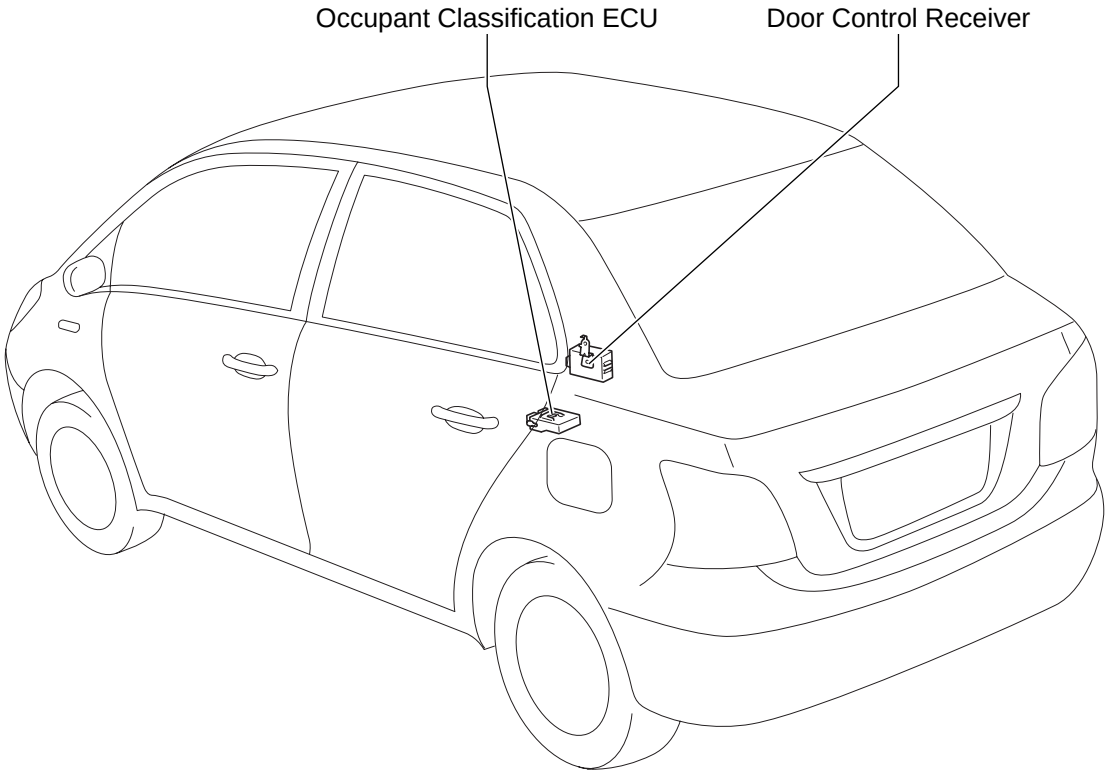
[Body]
(5–Door)



(3–Door)



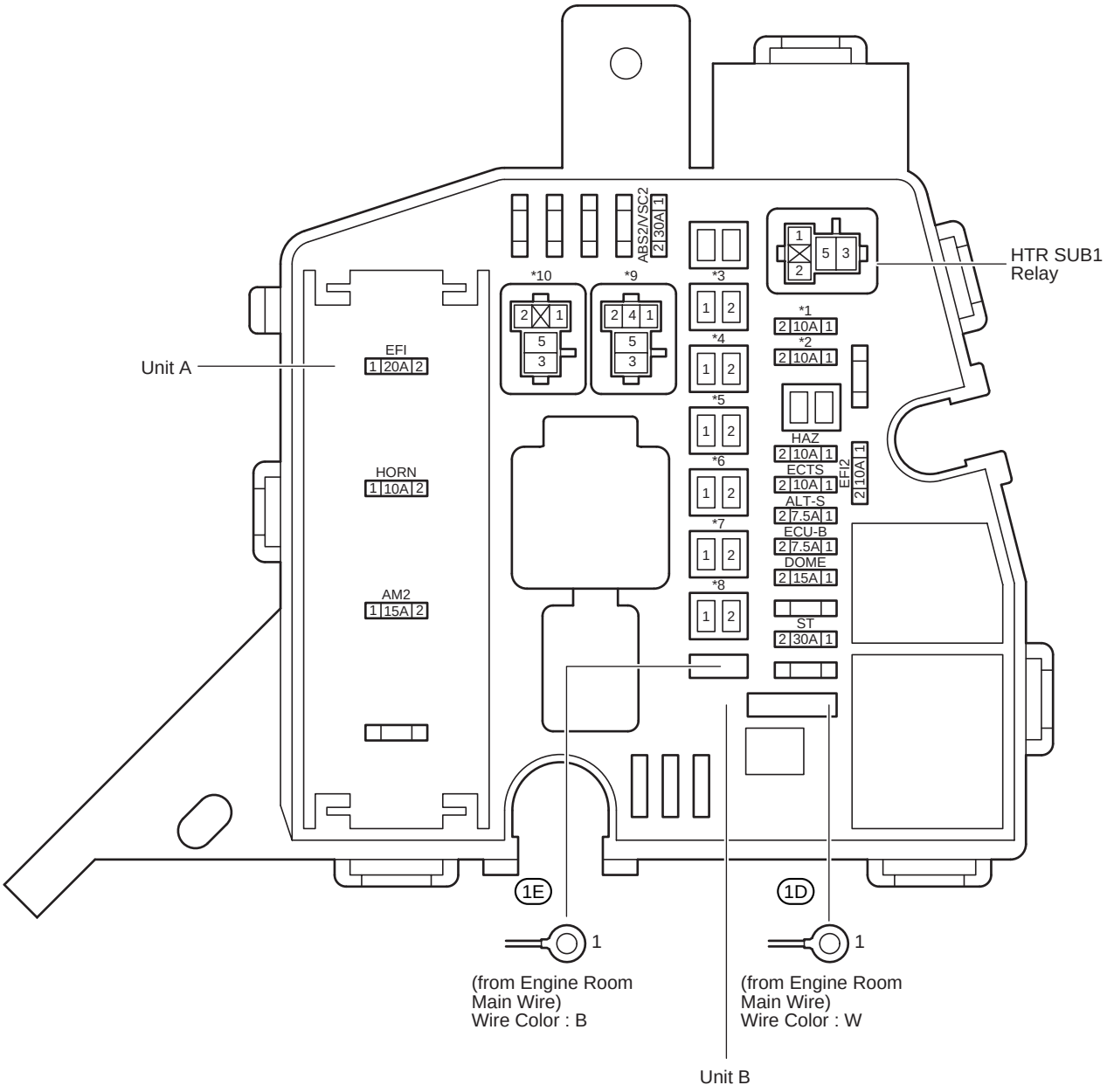
(4–Door)

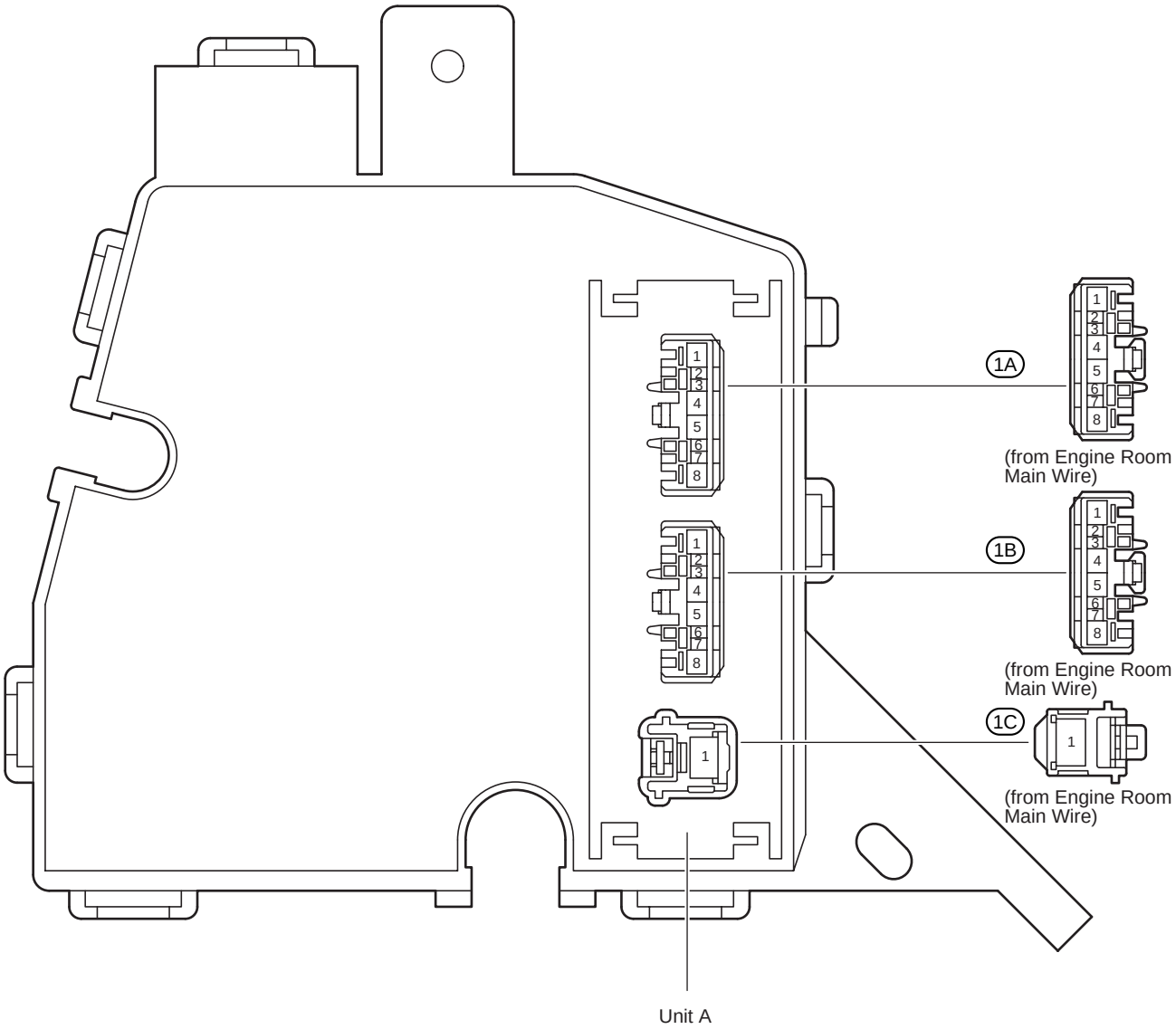


F RELAY LOCATIONS

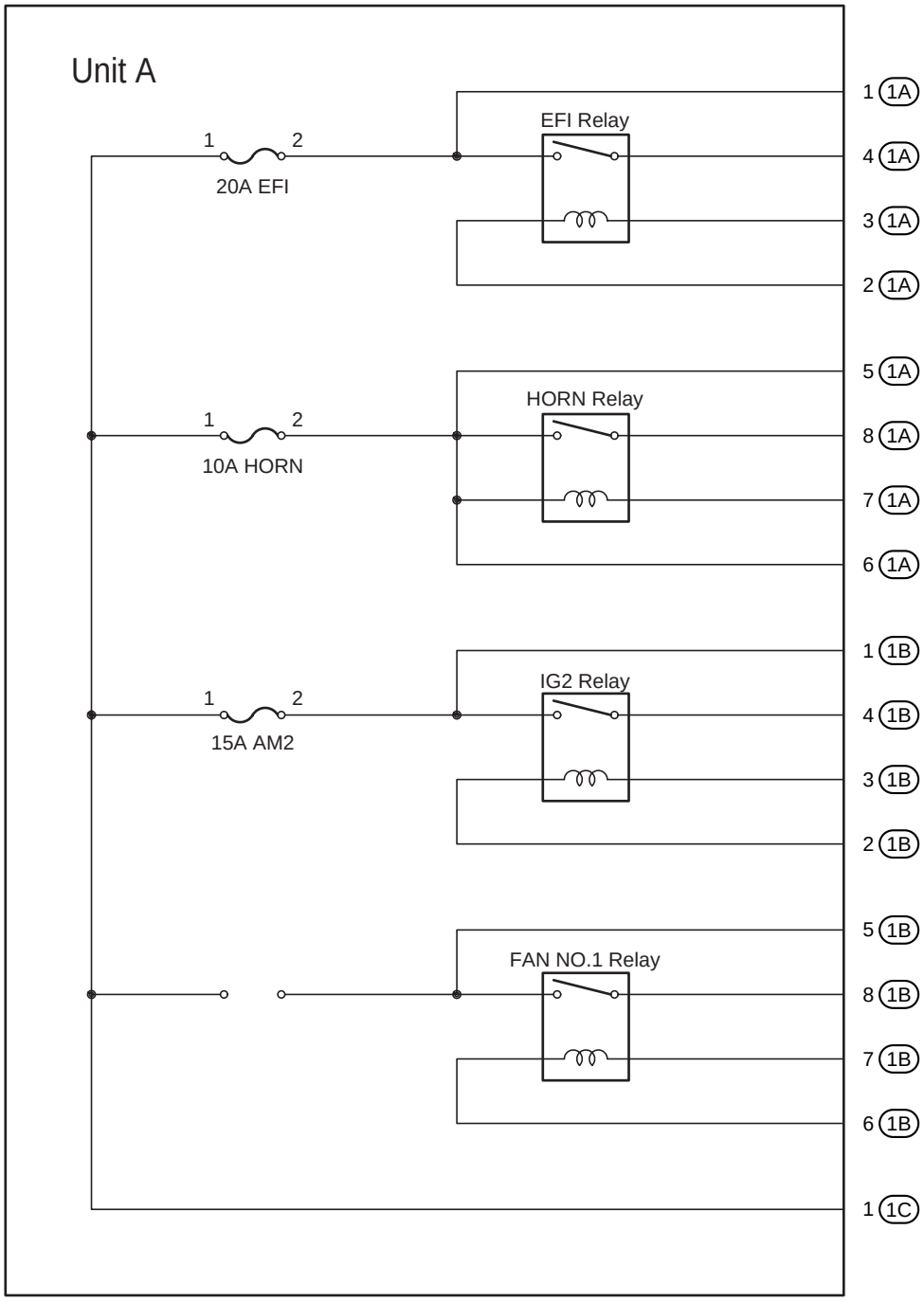
① : Engine Room R/B ⬭ : Engine Room J/B	**Engine Compartment Left (See Page 20)**

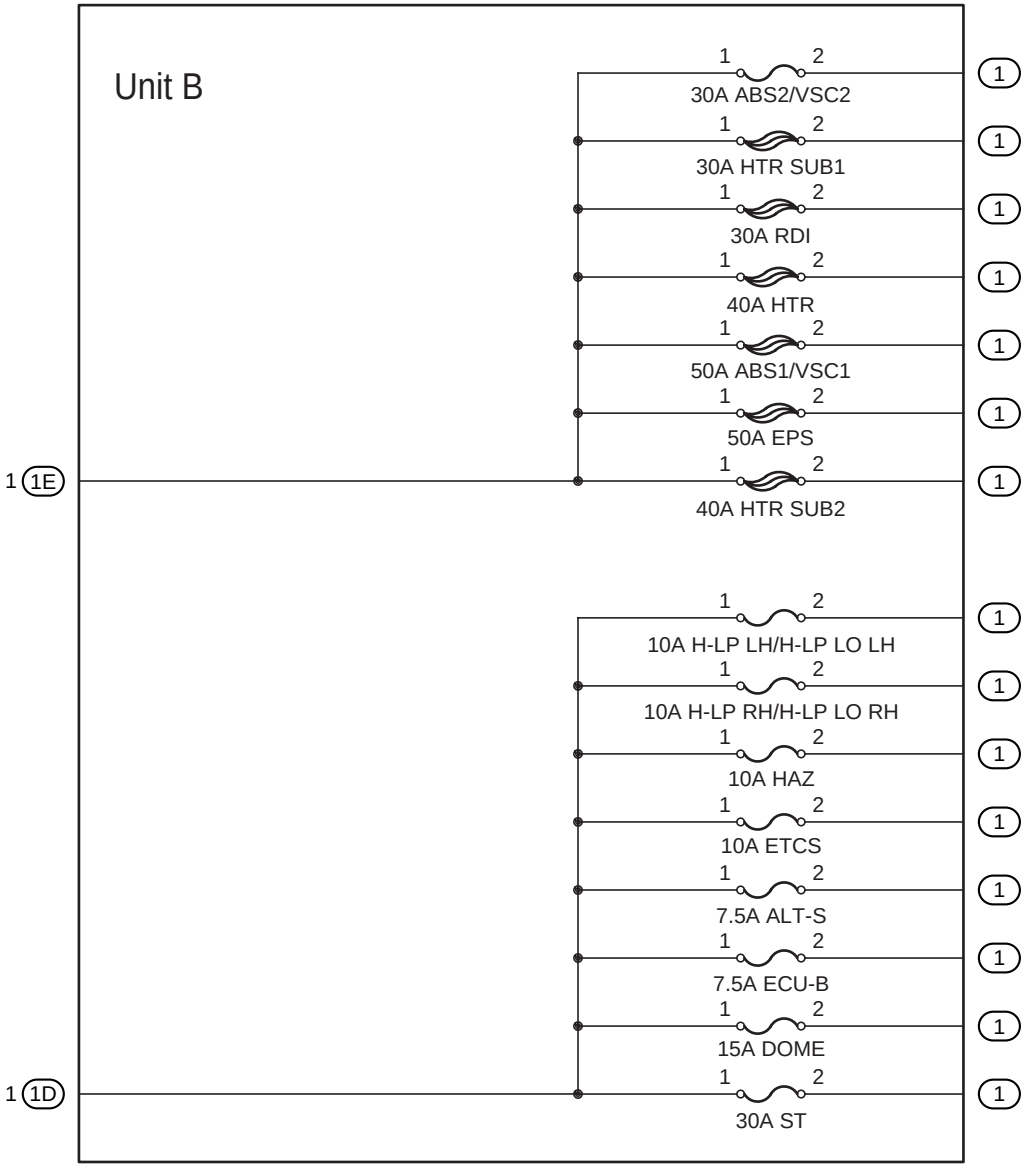
* 1:H-LP LH/H-LP LO LH
* 2:H-LP RH/H-LP LO RH
* 3:30A HTR SUB1 (for High Current)
* 4:30A RDI (for High Current)
* 5:40A HTR (for High Current)
* 6:50A ABS1/VSC1 (for High Current)
* 7:50A EPS (for High Current)
* 8:40A HTR SUB2 (for High Current)
* 9:FAN NO.2 Relay
* 10:ST Relay




1A
(from Engine Room Main Wire)
1B
(from Engine Room Main Wire)
1C
(from Engine Room Main Wire)
Unit A

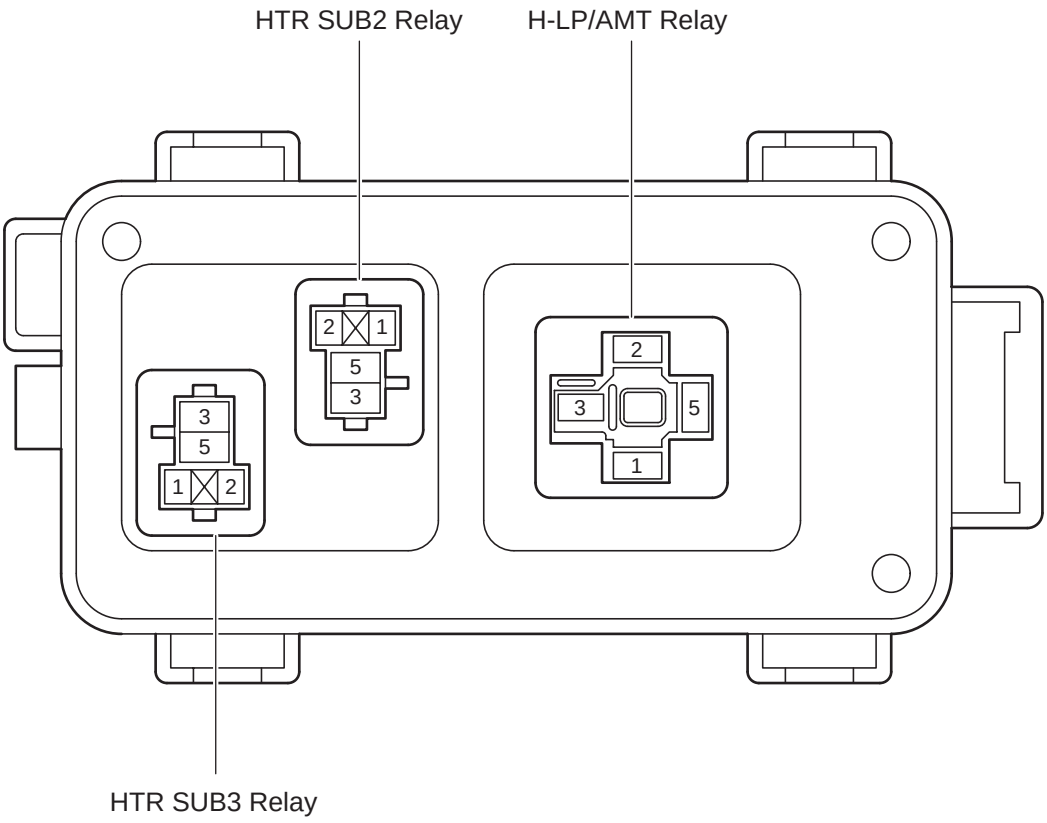
[Engine Room R/B and Engine Room J/B Inner Circuit]




Unit B
1 2
30A ABS2/VSC2
1 2
30A HTR SUB1
1 2
30A RDI
1 2
40A HTR
1 2
50A ABS1/VSC1
1 2
50A EPS
1 2
40A HTR SUB2
1 2
10A H-LP LH/H-LP LO LH
1 2
10A H-LP RH/H-LP LO RH
1 2
10A HAZ
1 2
10A ETCS
1 2
7.5A ALT-S
1 2
7.5A ECU-B
1 2
15A DOME
1 2
30A ST
1 1E
1 1D
1
1
1
1
1
1
1
1
1
1
1
1
1
1

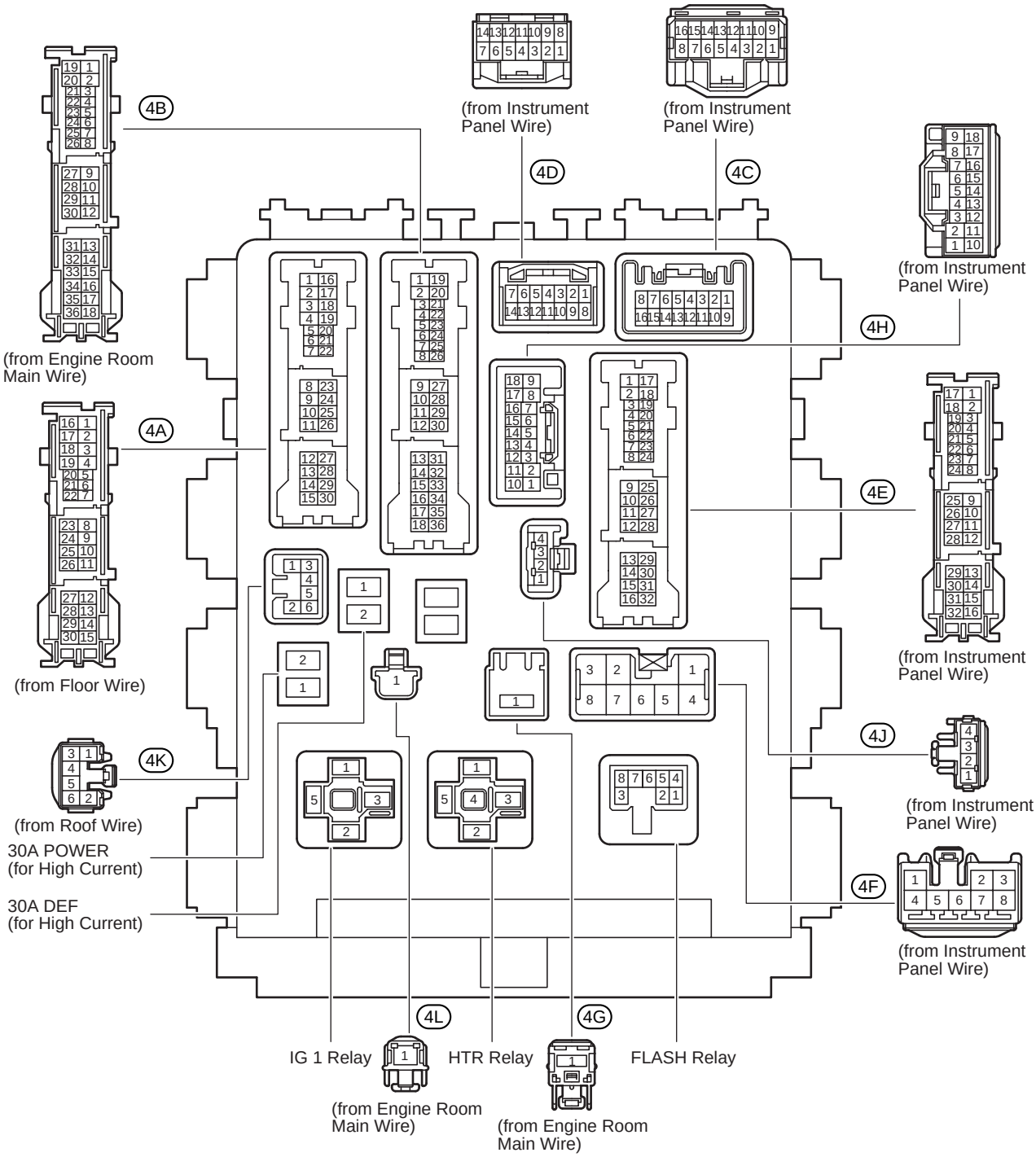
F RELAY LOCATIONS

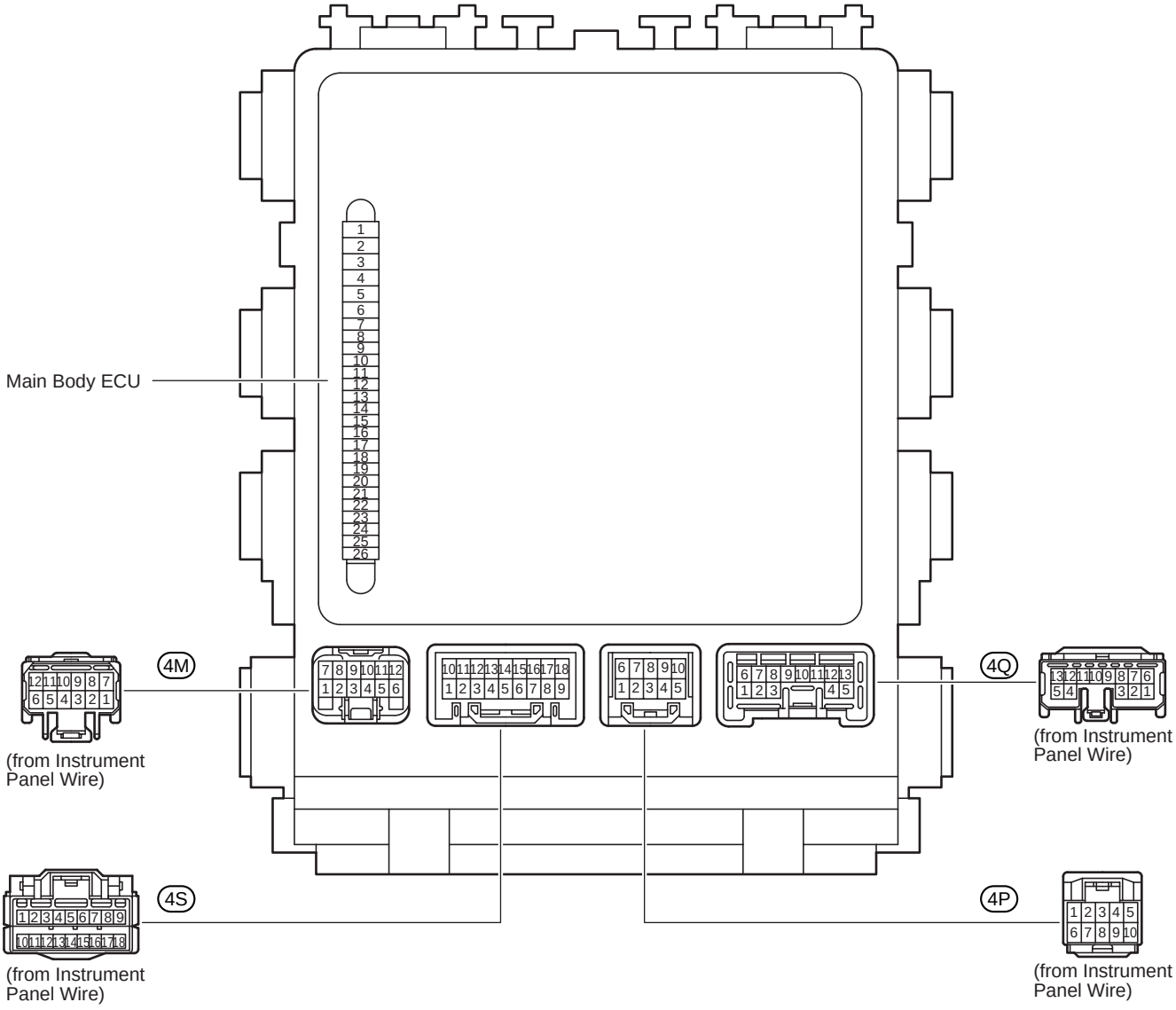
② : Engine Room R/B No.2	Engine Compartment Right (See Page 20)



F RELAY LOCATIONS

: Instrument Panel J/B	Lower Finish Panel (See Page 21)

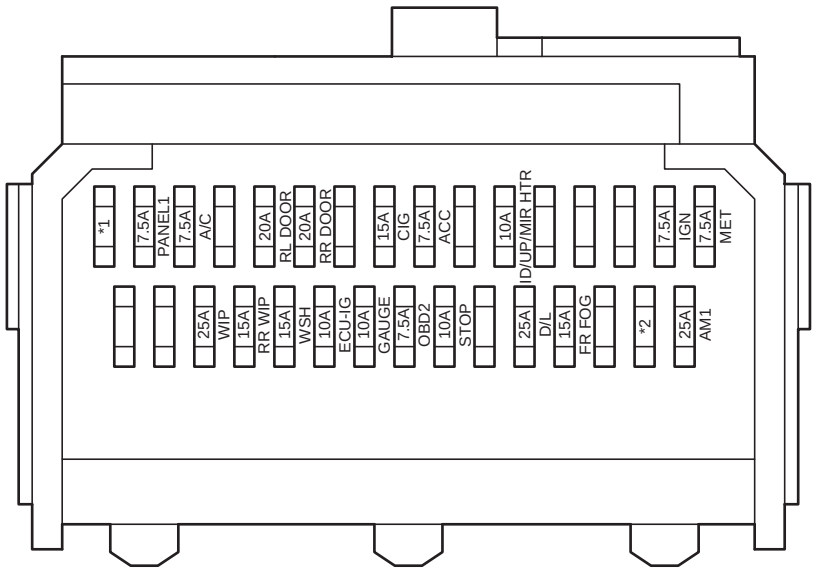



Main Body ECU
4M
(from Instrument Panel Wire)
4Q
(from Instrument Panel Wire)
4S
(from Instrument Panel Wire)
4P
(from Instrument Panel Wire)

F RELAY LOCATIONS

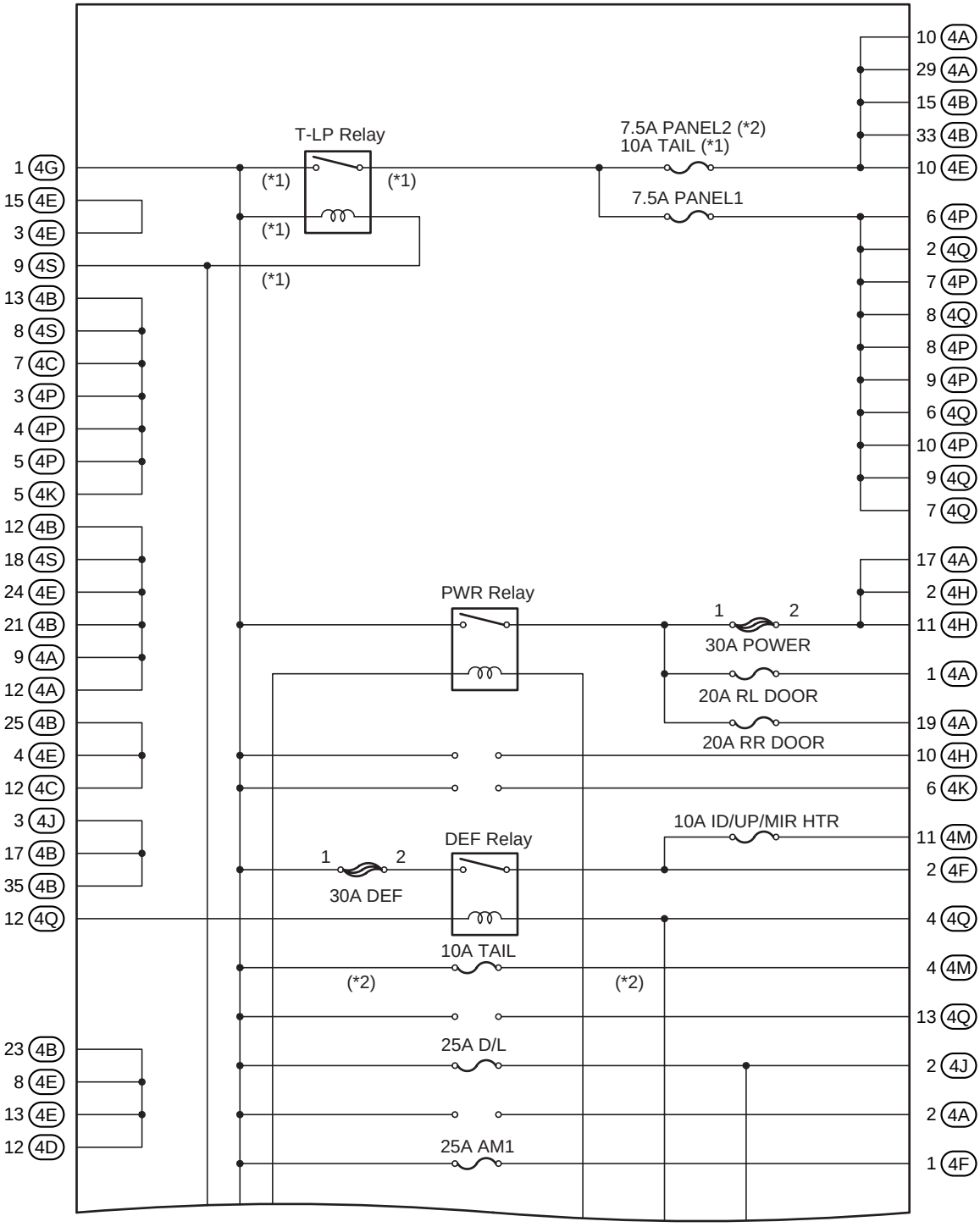
: Instrument Panel J/B	Lower Finish Panel (See Page 21)

* 1:10A TAIL (H/B, S/D *3)
  7.5A PANEL 2 (*4)
* 2:10A TAIL (*4)
* 3:Cold Area Spec., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger, w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror, w/ Air Conditioning
* 4:Except H/B, S/D *3



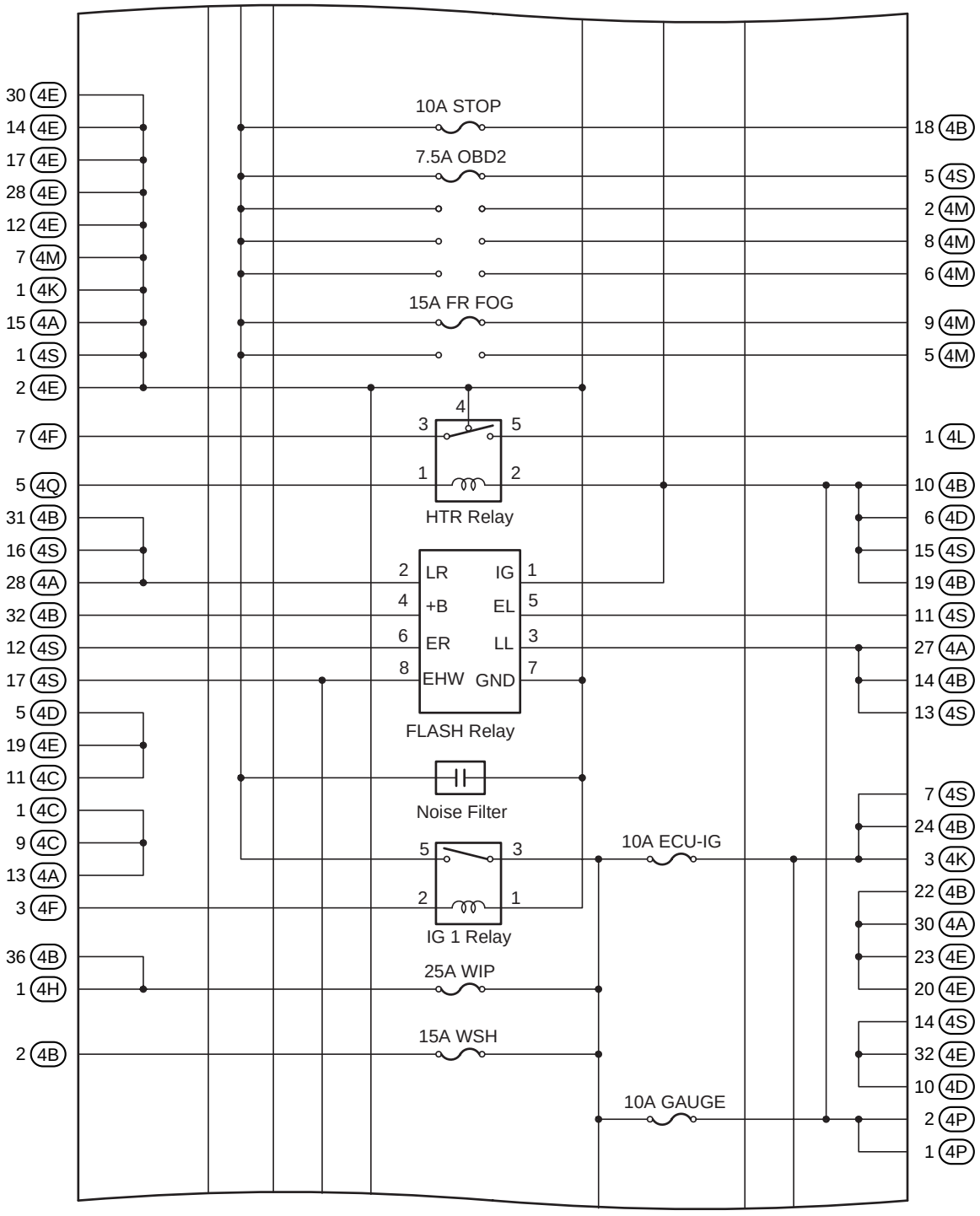
[Instrument Panel J/B Inner Circuit]

* 1:H/B, S/D *3
* 2:Except *1
* 3:Cold Area Spec., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger, w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror, w/ Air Conditioning



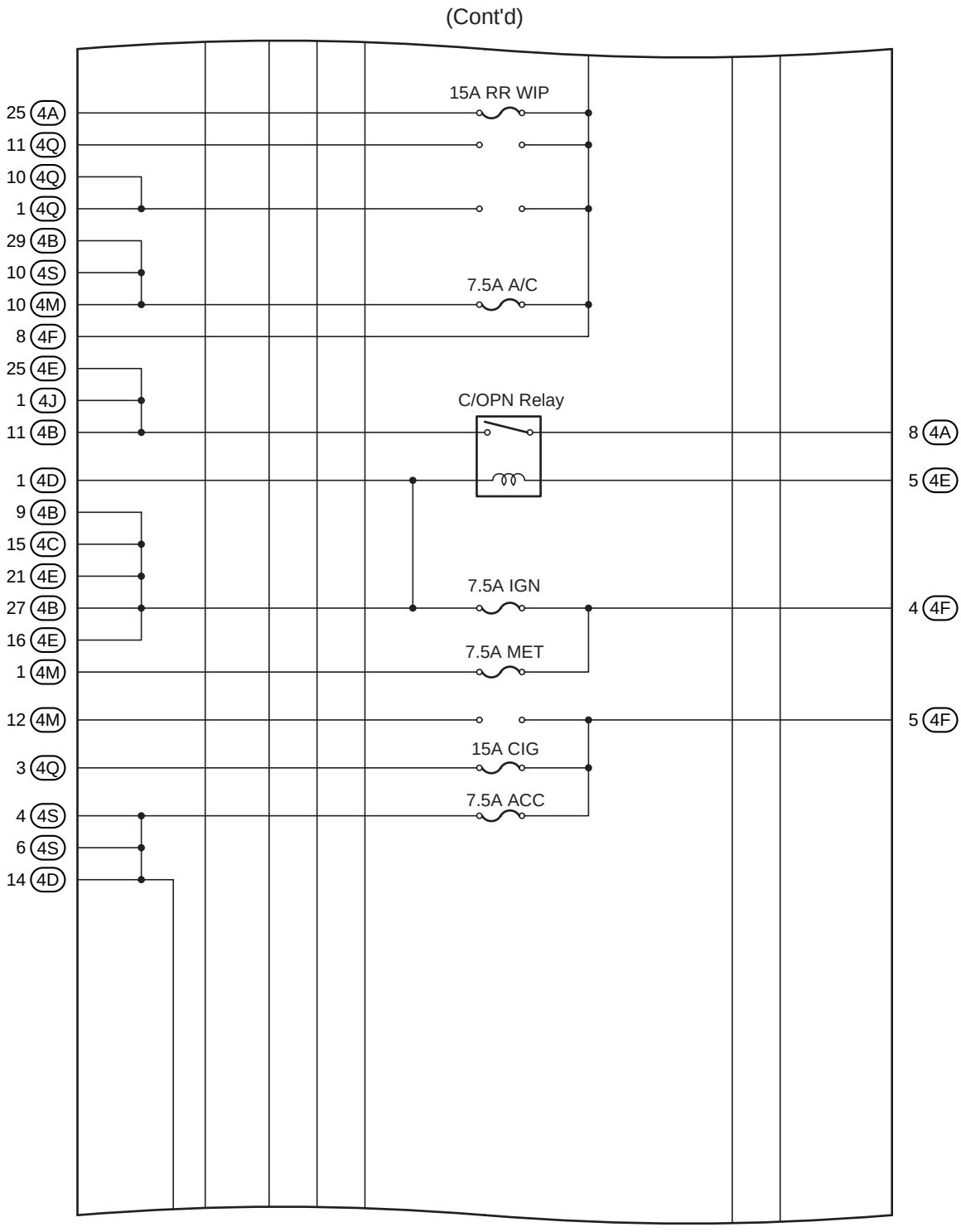
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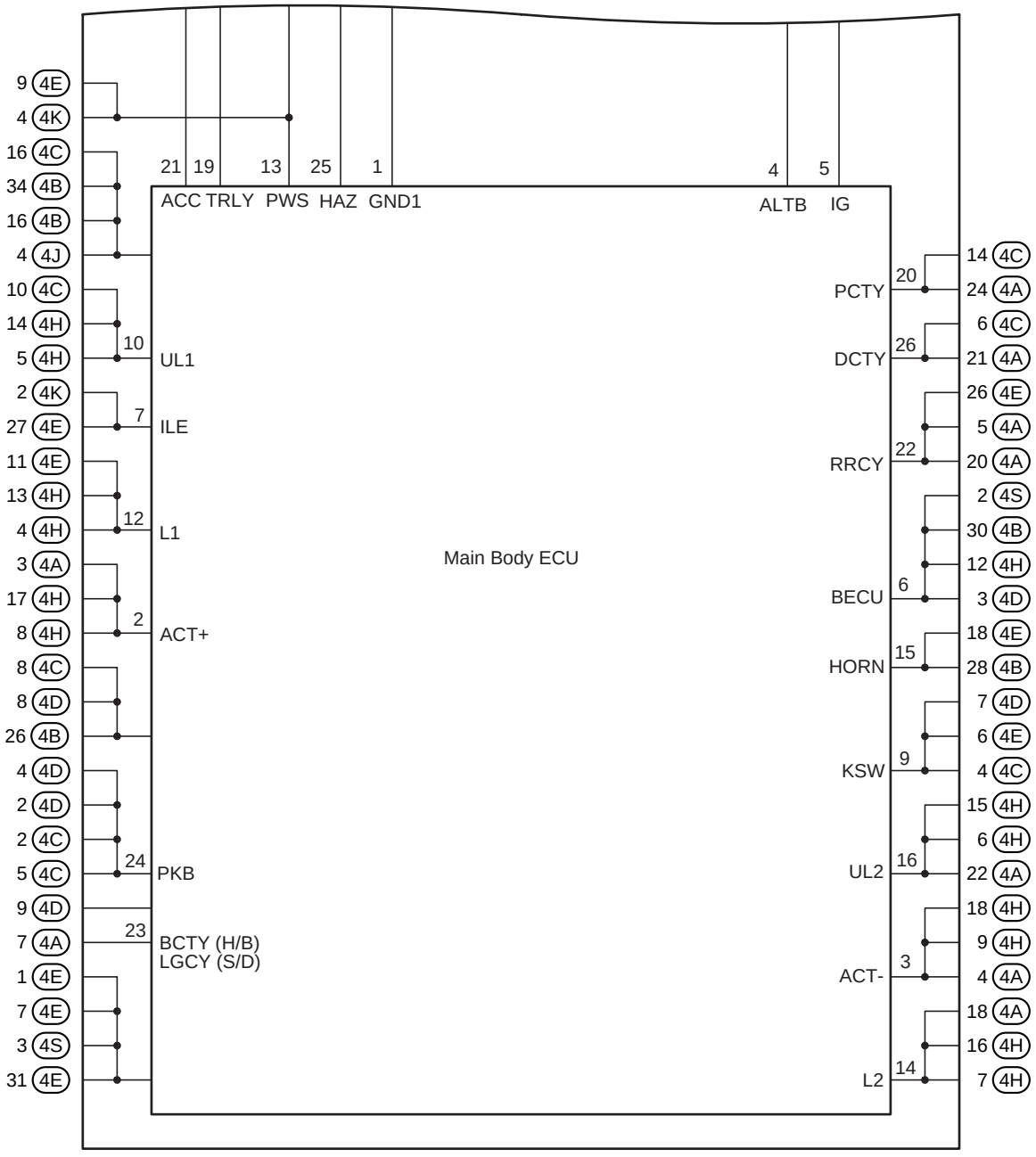
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[Instrument Panel J/B Inner Circuit]



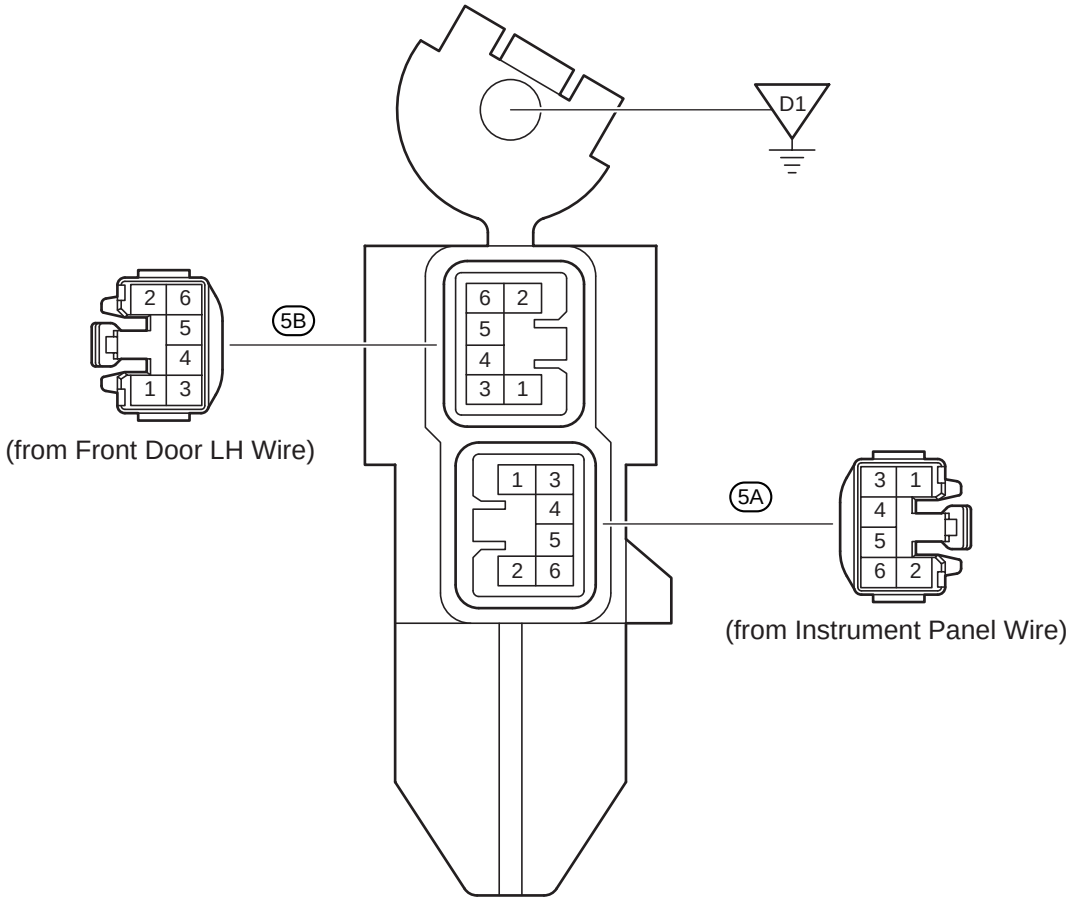
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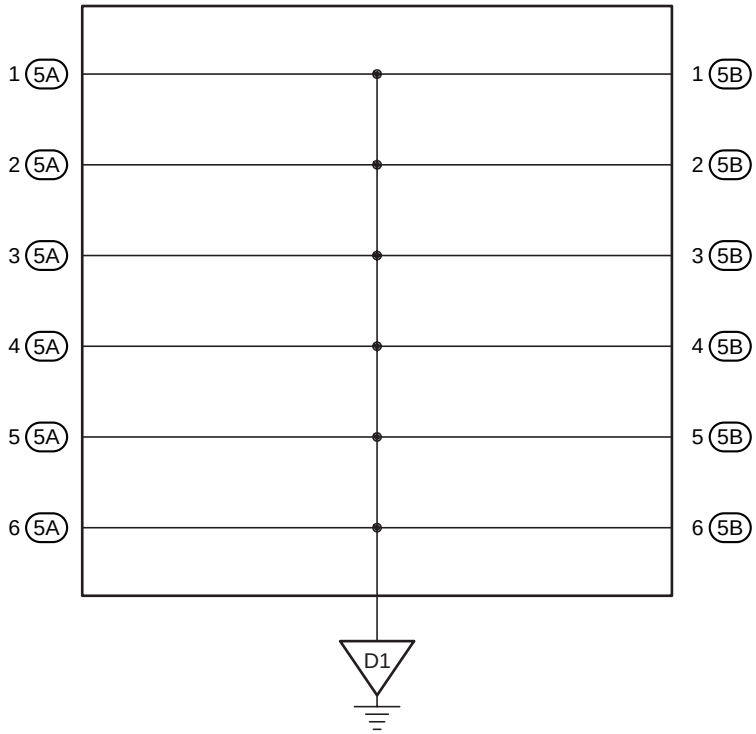

9 4E
4 4K
16 4C
34 4B
16 4B
4 4J
10 4C
14 4H
5 4H
2 4K
27 4E
11 4E
13 4H
4 4H
3 4A
17 4H
8 4H
8 4C
8 4D
26 4B
4 4D
2 4D
2 4C
5 4C
9 4D
7 4A
1 4E
7 4E
3 4S
31 4E
21 19 13 25 1
ACC TRLY PWS HAZ GND1
10 UL1
7 ILE
12 L1
2 ACT+
24 PKB
23 BCTY (H/B)
LGCY (S/D)
4 5
ALTB IG
Main Body ECU
20 PCTY
26 DCTY
22 RRCY
6 BECU
15 HORN
9 KSW
16 UL2
3 ACT-
14 L2
14 4C
24 4A
6 4C
21 4A
26 4E
5 4A
20 4A
2 4S
30 4B
12 4H
3 4D
18 4E
28 4B
7 4D
6 4E
4 4C
15 4H
6 4H
22 4A
18 4H
9 4H
4 4A
18 4A
16 4H
7 4H

F RELAY LOCATIONS

: J/B No.5	Left Kick Panel (See Page 21)

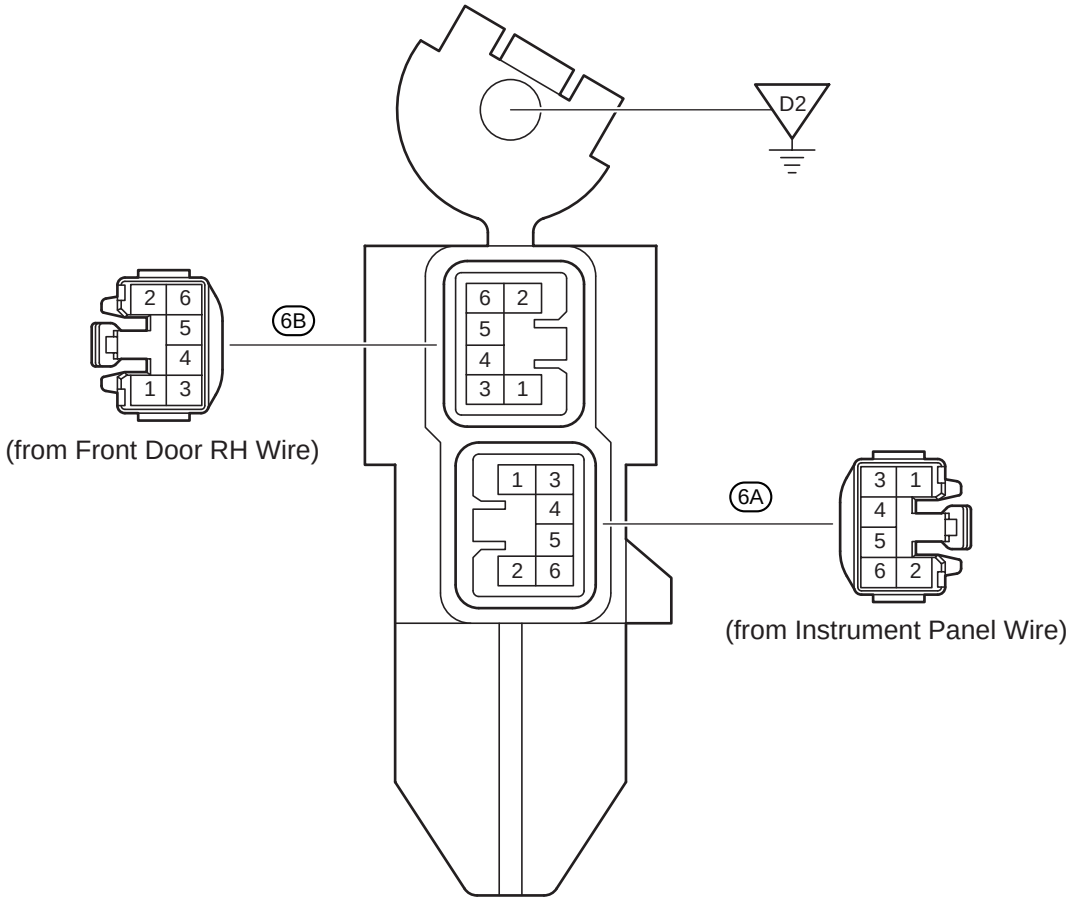


[J/B No.5 Inner Circuit]

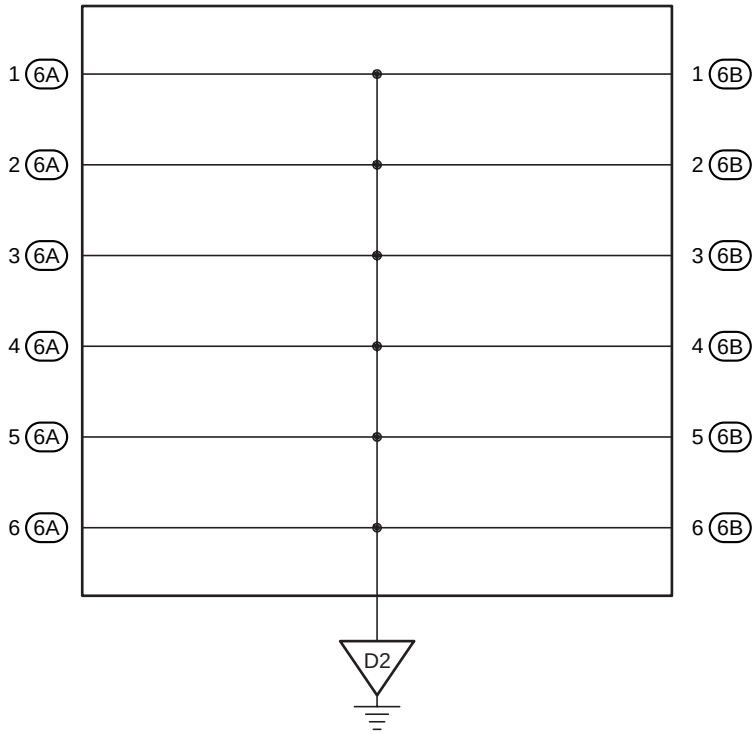


F RELAY LOCATIONS

: J/B No.6	Right Kick Panel (See Page 21)

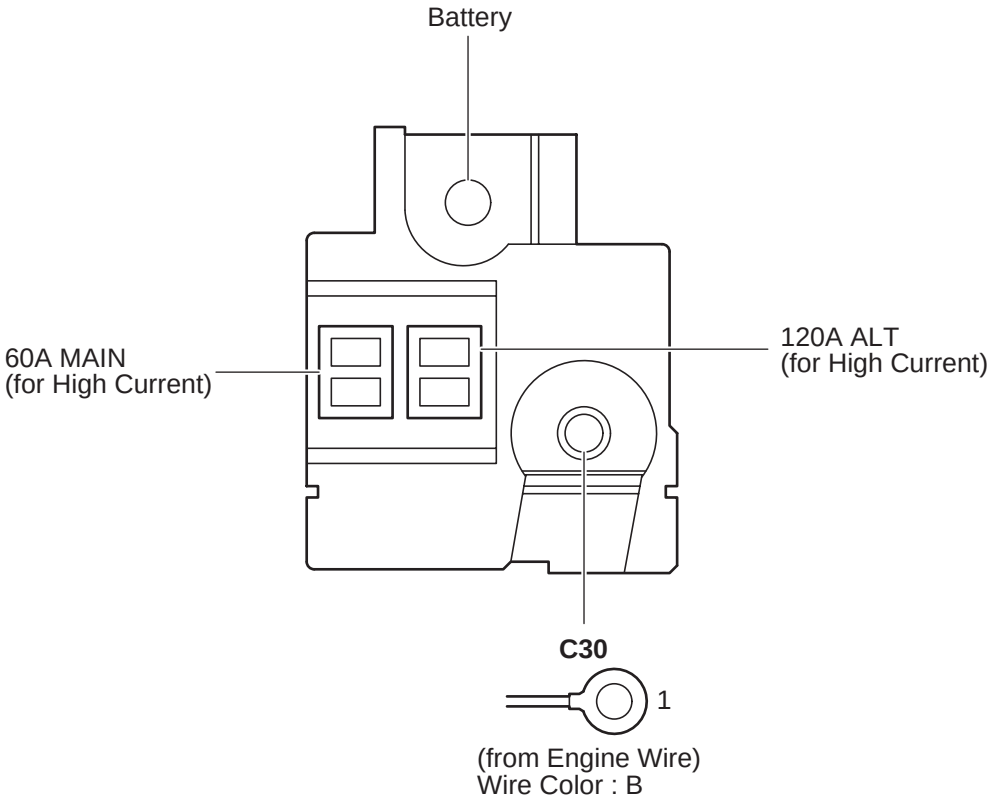


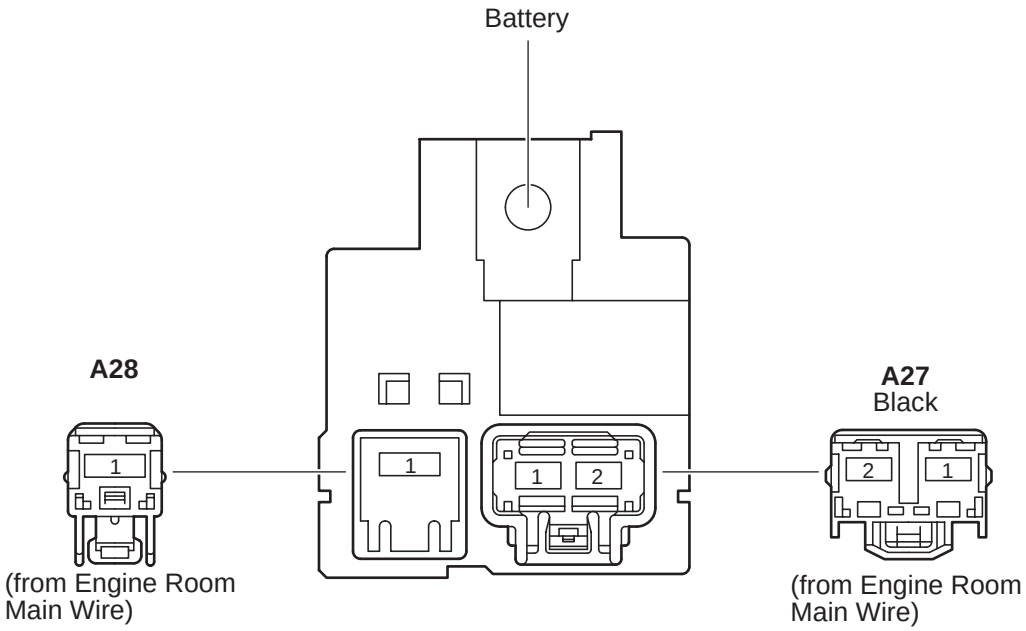
[J/B No.6 Inner Circuit]



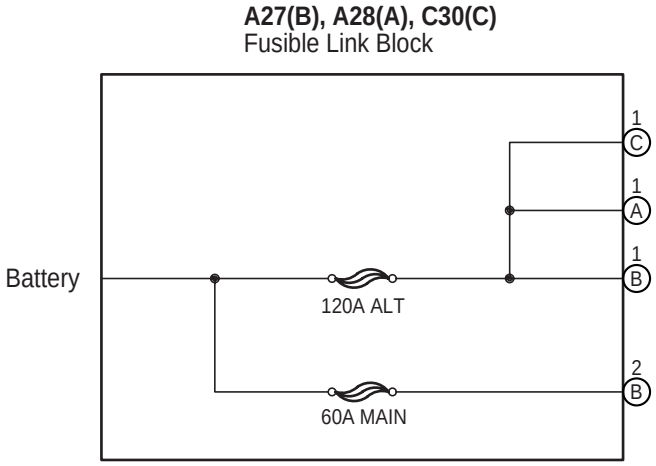
F RELAY LOCATIONS

Fusible Link Block	**Near the Battery (See Page 20)**

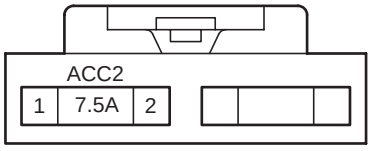



Battery
A28
1
(from Engine Room
Main Wire)
1
1
2
A27
Black
2
1
(from Engine Room
Main Wire)

[Fusible Link Block Inner Circuit]

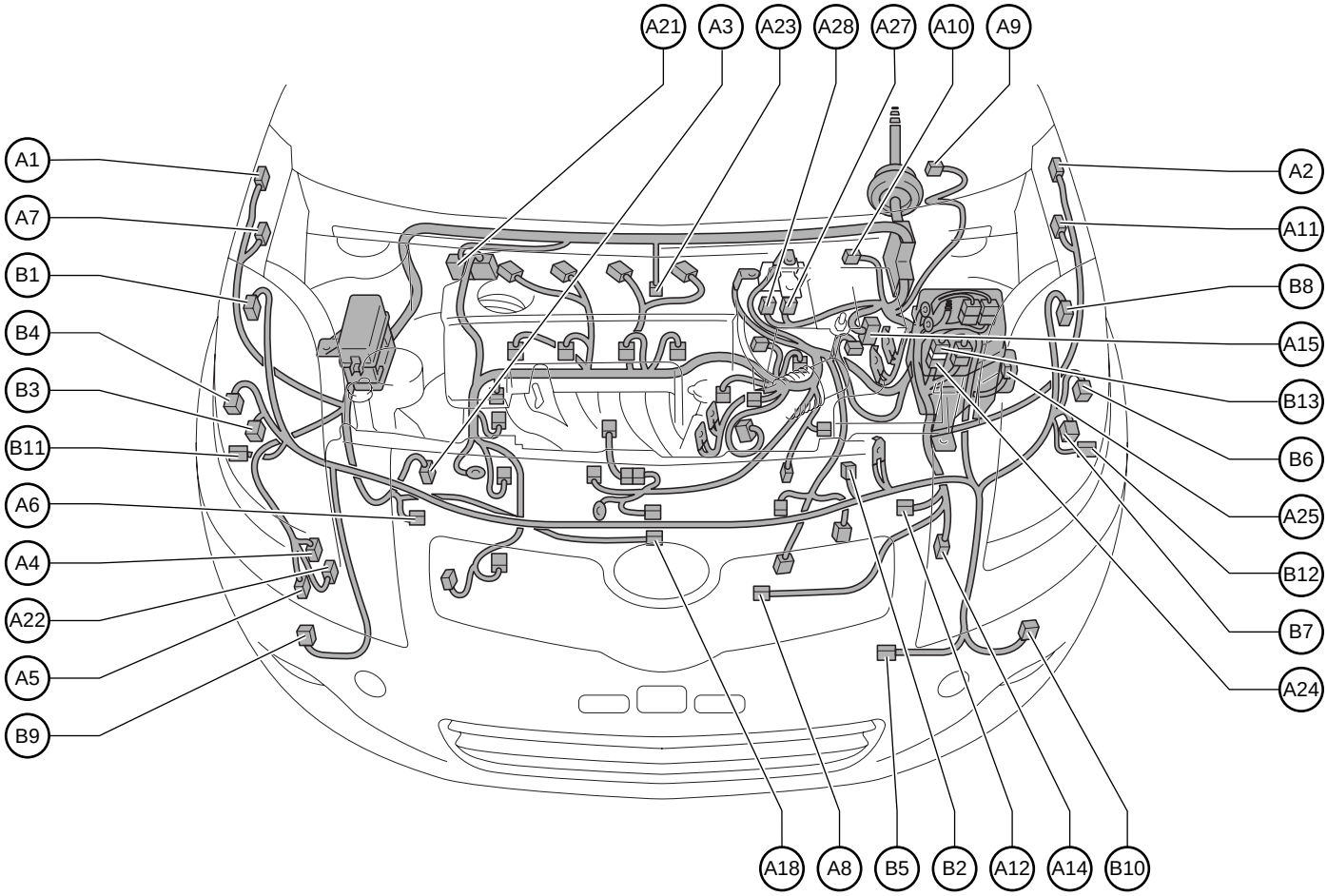


Fuse Block	Near the Instrument Panel J/B (See Page 21)



Position of Parts in Engine Compartment

[H/B]

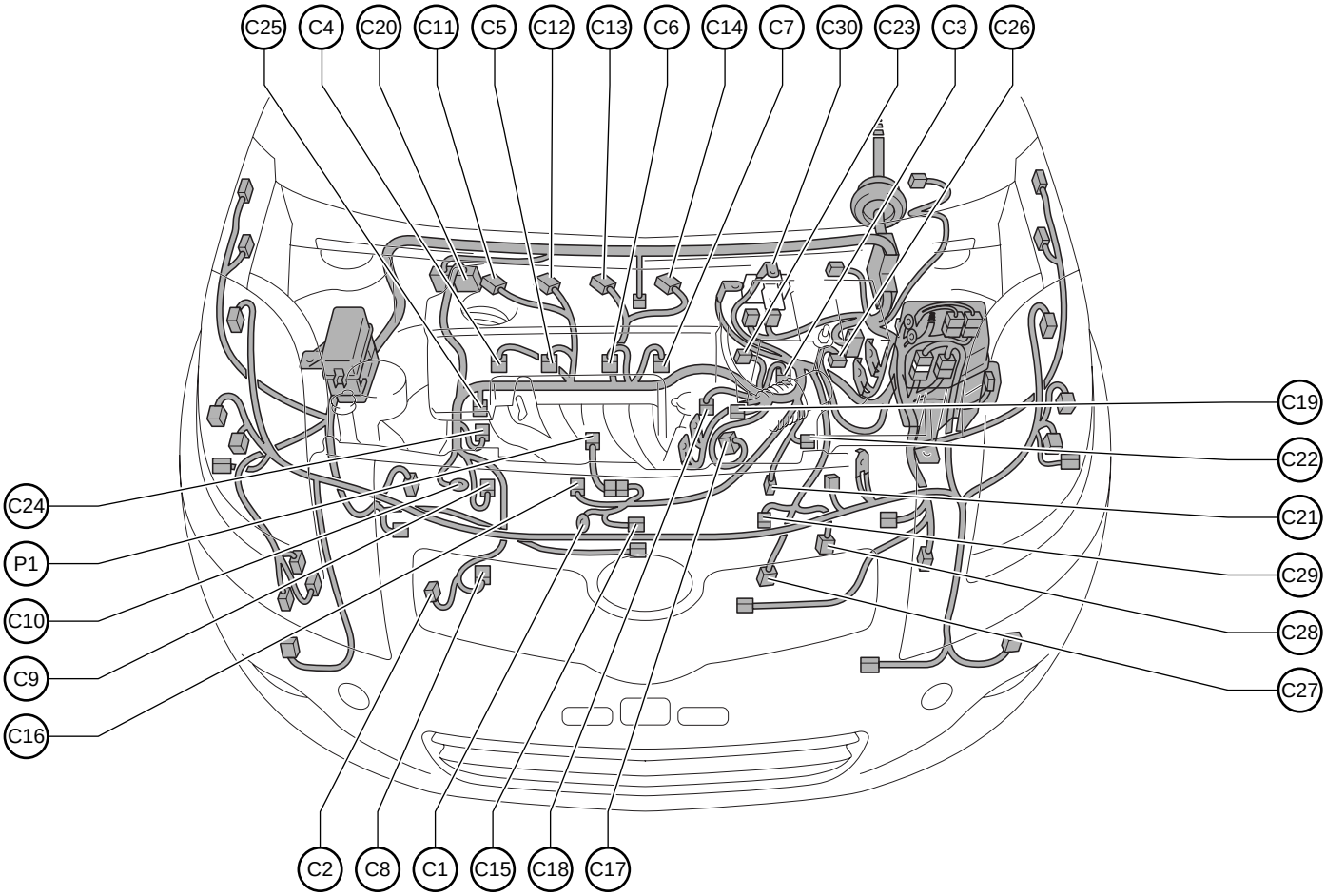


A 1 Turn Signal Lamp (Front Side RH)
A 2 Turn Signal Lamp (Front Side LH)
A 3 A/C Pressure Sensor
A 4 Rear Washer Motor
A 5 Windshield Washer Motor
A 6 Airbag Sensor (Front RH)
A 7 Speed Sensor (Front RH)
A 8 Cooling Fan Motor
A 9 Windshield Wiper Motor
A10 Brake Fluid Level Warning SW
A11 Speed Sensor (Front LH)
A12 Airbag Sensor (Front LH)
A14 Radiator Fan Resistor
A15 Skid Control ECU with Actuator
A18 Engine Hood Courtesy SW
A21 Engine Control Module
A22 Water Level Warning SW
A23 Security Horn
A24 Junction Connector
A25 Junction Connector
A27 Fusible Link Block
A28 Fusible Link Block

B 1 Turn Signal Lamp (Front RH)
B 2 Horn
B 3 Parking Lamp (RH)
B 4 Headlamp (RH)
B 5 Ambient Temp. Sensor
B 6 Headlamp (LH)
B 7 Parking Lamp (LH)
B 8 Turn Signal Lamp (Front LH)
B 9 Fog Lamp (Front RH)
B10 Fog Lamp (Front LH)
B11 Side Marker Lamp (Front RH)
B12 Side Marker Lamp (Front LH)
B13 Junction Connector

Position of Parts in Engine Compartment

[H/B]

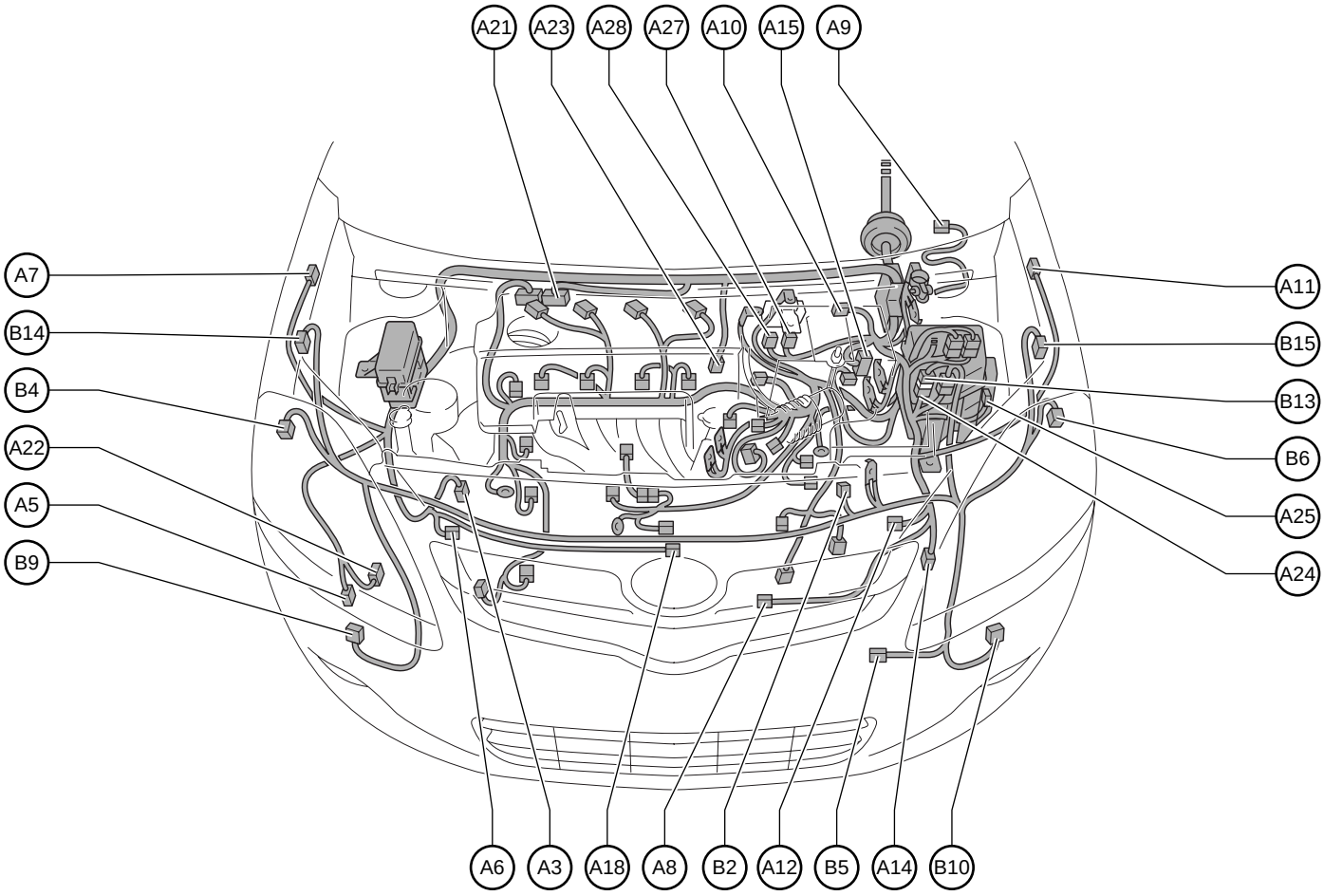


C 1 Starter
C 2 Crankshaft Position Sensor
C 3 VSV (Purge)
C 4 Fuel Injector (No.1)
C 5 Fuel Injector (No.2)
C 6 Fuel Injector (No.3)
C 7 Fuel Injector (No.4)
C 8 A/C Compressor
C 9 Generator
C10 Generator
C11 Ignition Coil (No.1)
C12 Ignition Coil (No.2)
C13 Ignition Coil (No.3)
C14 Ignition Coil (No.4)
C15 Starter
C16 Engine Oil Pressure SW
C17 Throttle Body Assembly
C18 Camshaft Position Sensor
C19 Engine Coolant Temp. Sensor
C20 Engine Control Module
C21 Speed Sensor
C22 Back–Up Lamp SW
C23 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
C24 Camshaft Timing Oil Control Valve
C25 Noise Filter
C26 Mass Air Flow Meter
C27 Park/Neutral Position SW
C28 Electronically Controlled Transmission Solenoid
C29 Speed Sensor (Turbine)
C30 Fusible Link Block

P 1 Knock Control Sensor (Bank 1)

Position of Parts in Engine Compartment

[S/D]

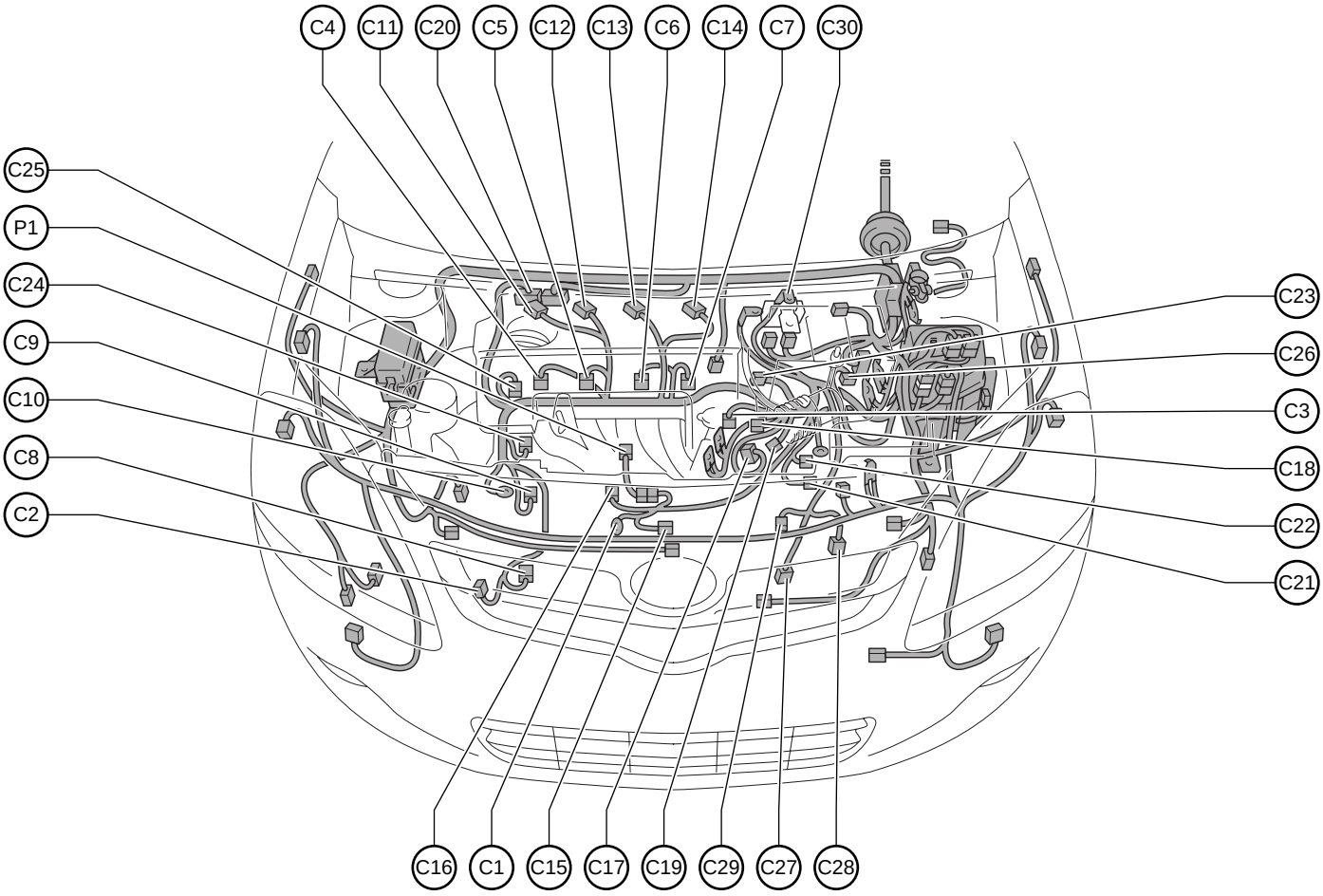


A 3 A/C Pressure Sensor
A 5 Windshield Washer Motor
A 6 Airbag Sensor (Front RH)
A 7 Speed Sensor (Front RH)
A 8 Cooling Fan Motor
A 9 Windshield Wiper Motor
A10 Brake Fluid Level Warning SW
A11 Speed Sensor (Front LH)
A12 Airbag Sensor (Front LH)
A14 Radiator Fan Resistor
A15 Skid Control ECU with Actuator
A18 Engine Hood Courtesy SW
A21 Engine Control Module
A22 Water Level Warning SW
A23 Security Horn
A24 Junction Connector
A25 Junction Connector
A27 Fusible Link Block
A28 Fusible Link Block

B 2 Horn
B 4 Headlamp (RH)
B 5 Ambient Temp. Sensor
B 6 Headlamp (LH)
B 9 Fog Lamp (Front RH)
B10 Fog Lamp (Front LH)
B13 Junction Connector
B14 Turn Signal, Side Marker and Parking Lamp (RH)
B15 Turn Signal, Side Marker and Parking Lamp (LH)

Position of Parts in Engine Compartment

[S/D]

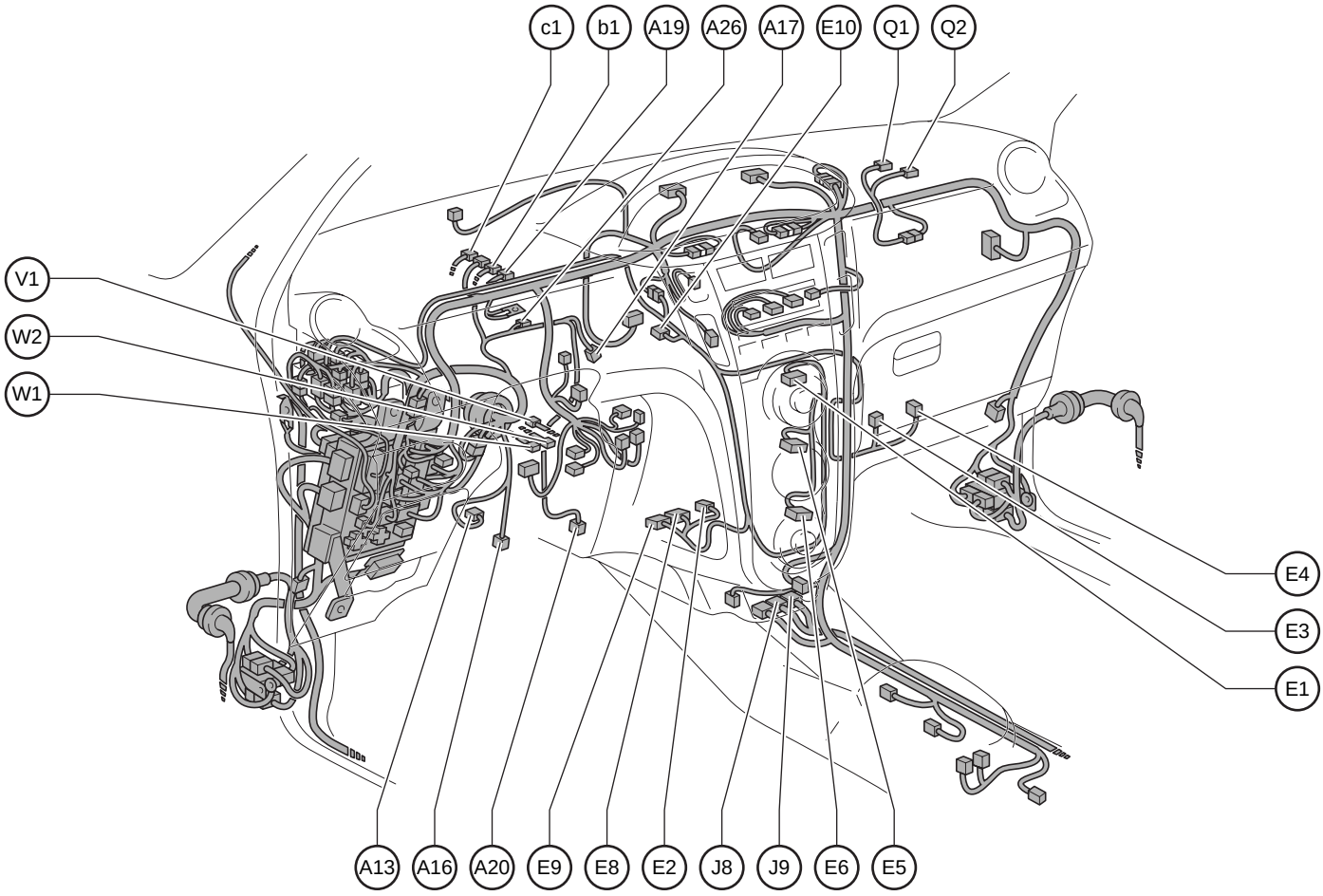


C 1 Starter
C 2 Crankshaft Position Sensor
C 3 VSV (Purge)
C 4 Fuel Injector (No.1)
C 5 Fuel Injector (No.2)
C 6 Fuel Injector (No.3)
C 7 Fuel Injector (No.4)
C 8 A/C Compressor
C 9 Generator
C10 Generator
C11 Ignition Coil (No.1)
C12 Ignition Coil (No.2)
C13 Ignition Coil (No.3)
C14 Ignition Coil (No.4)
C15 Starter
C16 Engine Oil Pressure SW
C17 Throttle Body Assembly
C18 Camshaft Position Sensor
C19 Engine Coolant Temp. Sensor
C20 Engine Control Module
C21 Speed Sensor
C22 Back–Up Lamp SW
C23 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
C24 Camshaft Timing Oil Control Valve
C25 Noise Filter
C26 Mass Air Flow Meter
C27 Park/Neutral Position SW
C28 Electronically Controlled Transmission Solenoid
C29 Speed Sensor (Turbine)
C30 Fusible Link Block

P 1 Knock Control Sensor (Bank 1)

Position of Parts in Instrument Panel

[H/B]



A13 Stop Lamp SW
A16 Clutch Start SW
A17 PTC Heater
A19 Power Steering ECU
A20 Accelerator Position Sensor
A26 Junction Connector

E 1 Blower SW
E 2 A/C Thermistor No.1
E 3 Blower Resistor
E 4 Blower Motor
E 5 A/C SW
E 6 Rear Window Defogger SW
E 8 A/C Amplifier
E 9 A/C Amplifier
E10 Junction Connector

J 8 Airbag Sensor Assembly Center
J 9 Airbag Sensor Assembly Center

Q 1 Airbag Squib (Front Passenger's Airbag Assembly)
Q 2 Airbag Squib (Front Passenger's Airbag Assembly)

V 1 Spiral Cable
Steering Pad SW

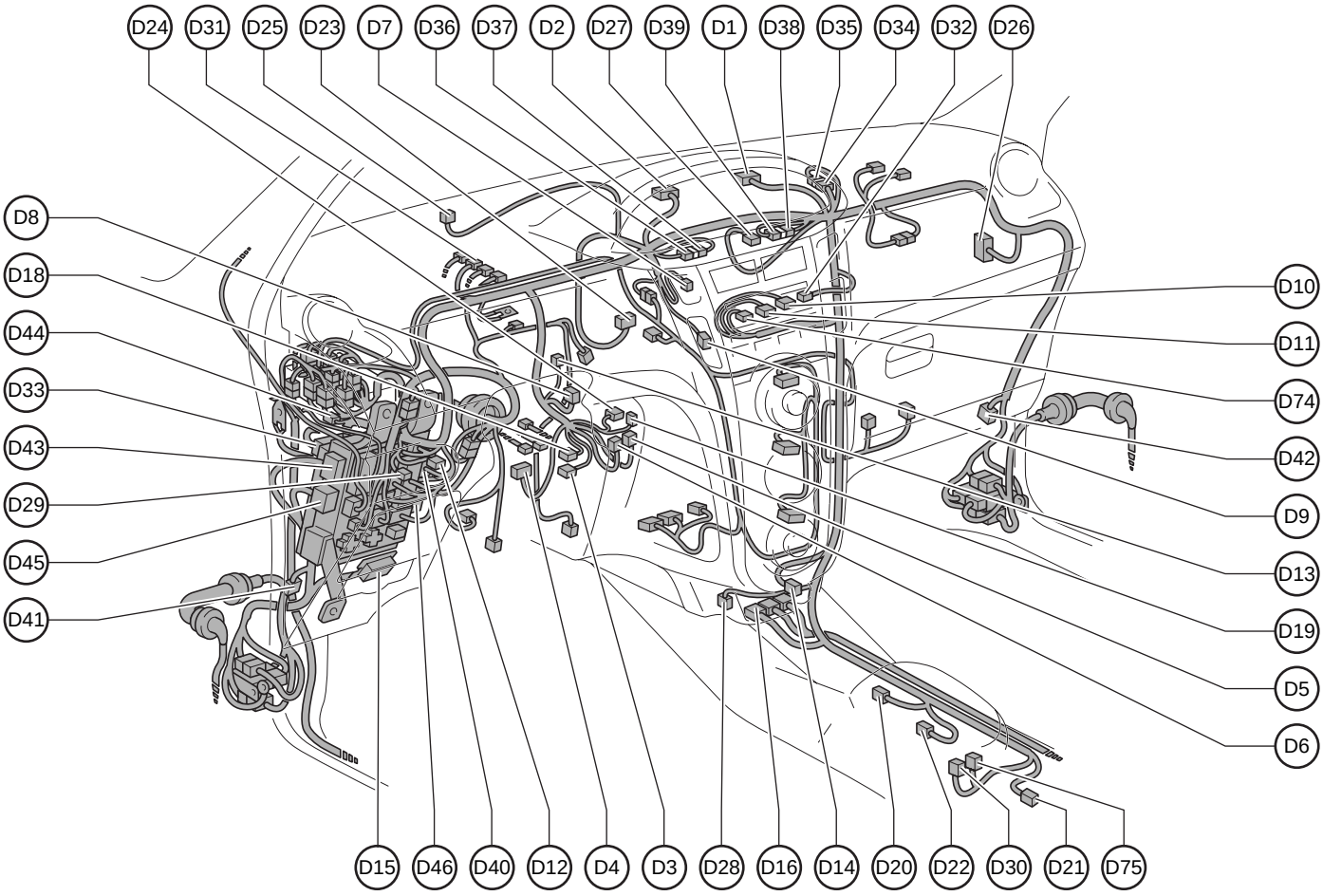
W 1 Airbag Squib (Steering Wheel Pad)
Spiral Cable
W 2 Airbag Squib (Steering Wheel Pad)
Spiral Cable

b 1 Power Steering ECU
Power Steering Motor

c 1 Power Steering ECU
Power Steering Torque Sensor

Position of Parts in Instrument Panel

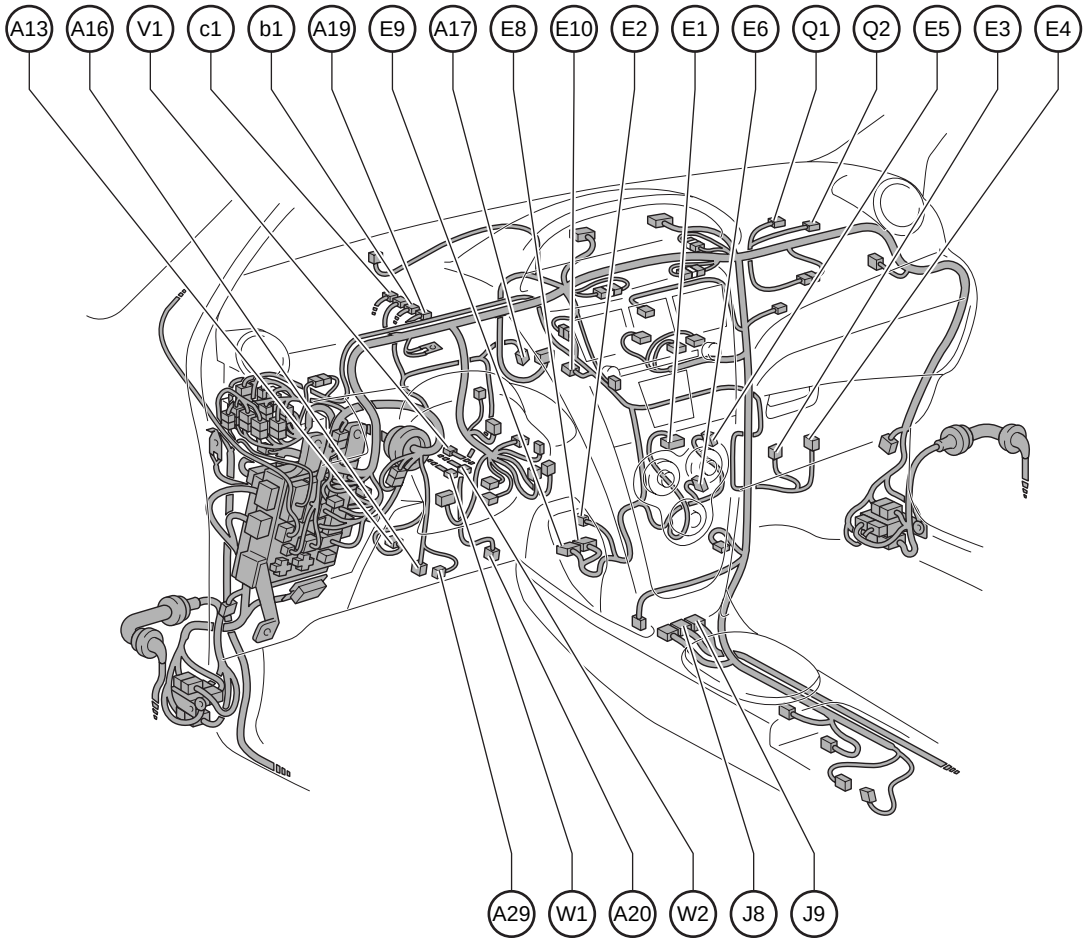
[H/B]



D 1 Combination Meter
D 2 Combination Meter
D 3 Spiral Cable
D 4 Headlamp Dimmer SW Assembly
D 5 Windshield Wiper SW Assembly
D 6 Windshield Wiper SW Assembly
D 7 Hazard Warning Signal SW
D 8 Ignition SW
D 9 Running Light Relay
D10 Radio Receiver Assembly
D11 Radio Receiver Assembly
D12 Outer Mirror SW
D13 Key Interlock Solenoid
D14 Cigarette Lighter or Power Outlet
D15 Data Link Connector 3
D16 Airbag Sensor Assembly Center
D18 Spiral Cable
D19 Unlock Warning SW
D20 A/T Shift Lever Illumination
D21 Parking Brake SW
D22 Shift Lock Control ECU
D23 Transponder Key ECU
D24 Transponder Key Amplifier
D25 Security Indicator Lamp
D26 Theft Warning ECU
D27 Passenger Seat Belt Warning Lamp
D28 Oxygen Sensor (Bank 1 Sensor 2)
D29 Light Control Rheostat
D30 Door Lock Control SW
D31 Power Steering ECU
D32 Antenna Amplifier
D33 Main Body ECU
D34 Junction Connector
D35 Junction Connector
D36 Junction Connector
D37 Junction Connector
D38 Junction Connector
D39 Junction Connector
D40 Junction Connector
D41 Junction Connector
D42 Junction Connector
D43 Fuse Block
D44 Diode (Starter)
D45 ACC Cut Relay
D46 Front Fog Light Relay
D74 Radio Receiver Assembly
D75 Stereo Jack Adapter

Position of Parts in Instrument Panel

[S/D]



A13 Stop Lamp SW
A16 Clutch Start SW
A17 PTC Heater
A19 Power Steering ECU
A20 Accelerator Position Sensor
A29 Cruise Control Clutch SW

E 1 Blower SW
E 2 A/C Thermistor No.1
E 3 Blower Resistor
E 4 Blower Motor
E 5 A/C SW
E 6 Rear Window Defogger SW
E 8 A/C Amplifier
E 9 A/C Amplifier
E10 Junction Connector

J 8 Airbag Sensor Assembly Center
J 9 Airbag Sensor Assembly Center

Q 1 Airbag Squib (Front Passenger's Airbag Assembly)
Q 2 Airbag Squib (Front Passenger's Airbag Assembly)

V 1 Cruise Control SW
Spiral Cable
Steering Pad SW

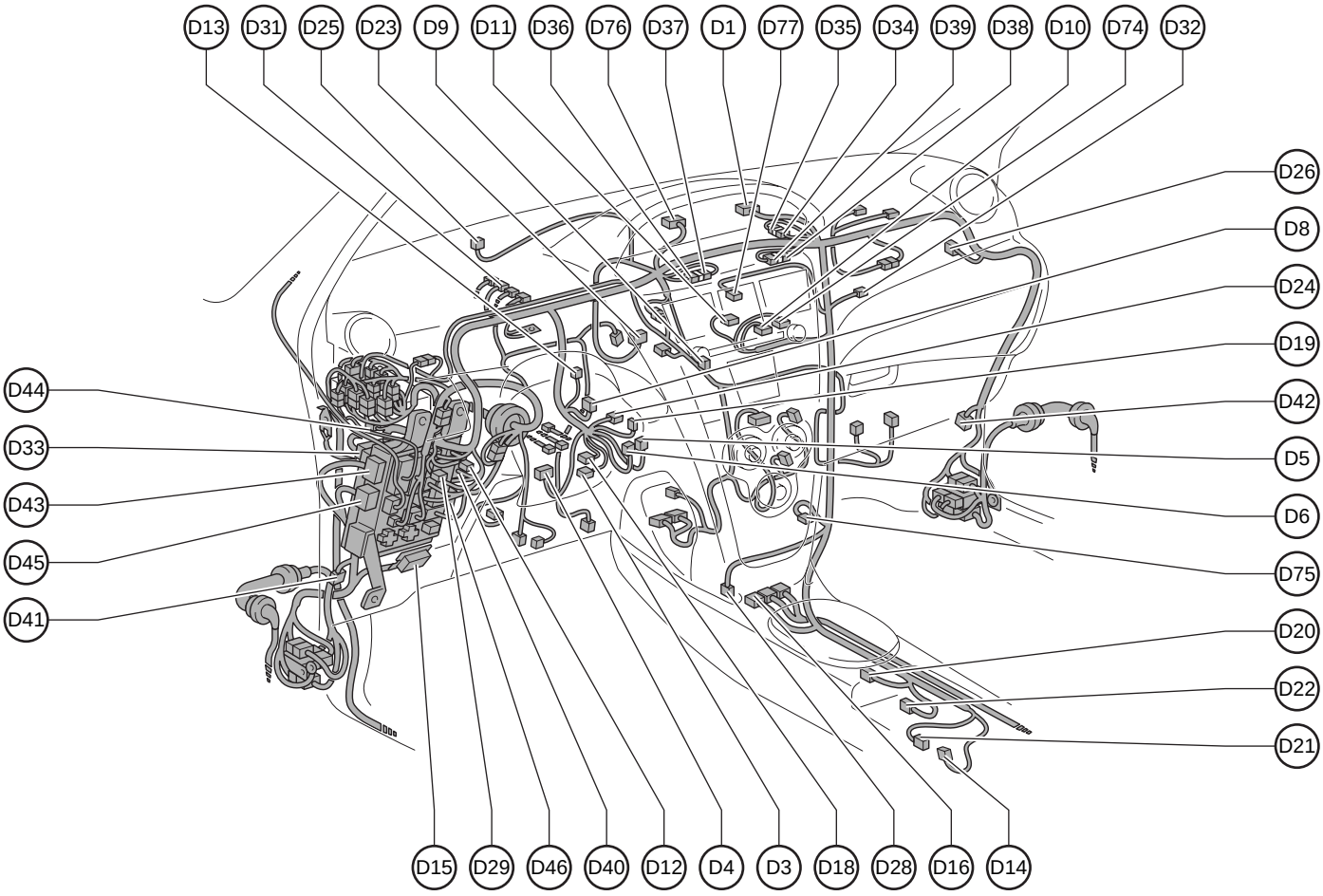
W 1 Airbag Squib (Steering Wheel Pad)
Spiral Cable
W 2 Airbag Squib (Steering Wheel Pad)
Spiral Cable

b 1 Power Steering ECU
Power Steering Motor

c 1 Power Steering ECU
Power Steering Torque Sensor

Position of Parts in Instrument Panel

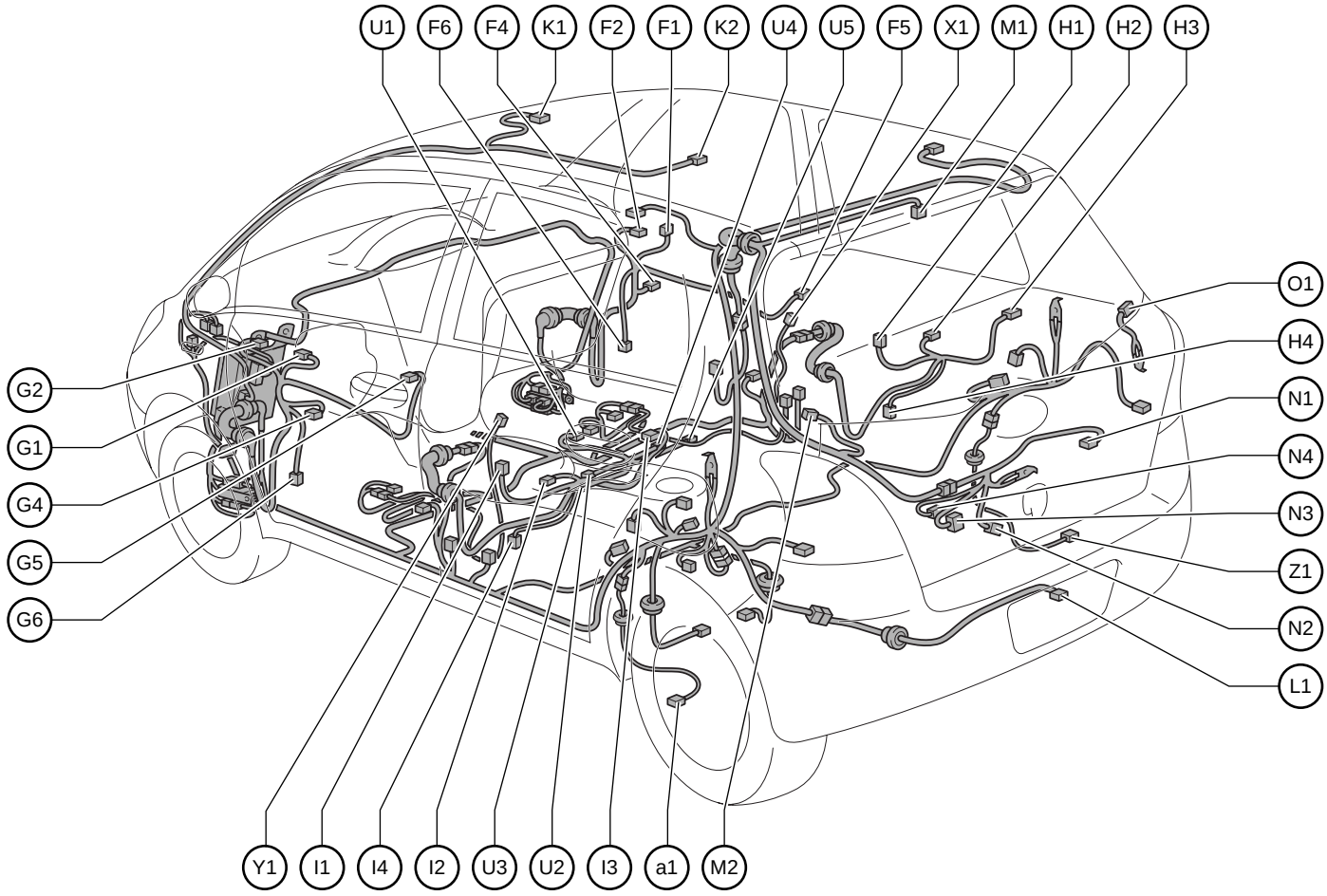
[S/D]



D 1 Combination Meter
D 3 Spiral Cable
D 4 Headlamp Dimmer SW Assembly
D 5 Windshield Wiper SW Assembly
D 6 Windshield Wiper SW Assembly
D 8 Ignition SW
D 9 Running Light Relay
D10 Radio Receiver Assembly
D11 Radio Receiver Assembly
D12 Outer Mirror SW
D13 Key Interlock Solenoid
D14 Cigarette Lighter or Power Outlet
D15 Data Link Connector 3
D16 Airbag Sensor Assembly Center
D18 Spiral Cable
D19 Unlock Warning SW
D20 A/T Shift Lever Illumination
D21 Parking Brake SW
D22 Shift Lock Control ECU
D23 Transponder Key ECU
D24 Transponder Key Amplifier
D25 Security Indicator Lamp
D26 Theft Warning ECU
D28 Oxygen Sensor (Bank 1 Sensor 2)
D29 Light Control Rheostat
D31 Power Steering ECU
D32 Antenna Amplifier
D33 Main Body ECU
D34 Junction Connector
D35 Junction Connector
D36 Junction Connector
D37 Junction Connector
D38 Junction Connector
D39 Junction Connector
D40 Junction Connector
D41 Junction Connector
D42 Junction Connector
D43 Fuse Block
D44 Diode (Starter)
D45 ACC Cut Relay
D46 Front Fog Light Relay
D74 Radio Receiver Assembly
D75 Stereo Jack Adapter
D76 Combination Meter
D77 Hazard Warning Signal SW

Position of Parts in Body

[5–Door]



F 1 Power Window SW (Front RH)
F 2 Outer Rear View Mirror (RH)
F 4 Power Window Regulator Motor (Front RH)
F 5 Door Lock Assembly (Front Passenger's Side)
F 6 Speaker (Front Door RH)

G 1 Power Window Master SW
G 2 Outer Rear View Mirror (LH)
G 4 Power Window Regulator Motor (Front LH)
G 5 Door Lock Assembly (Driver's Side)
G 6 Speaker (Front Door LH)

H 1 Power Window SW (Rear RH)
H 2 Power Window Regulator Motor (Rear RH)
H 3 Door Lock Assembly (Rear RH)
H 4 Speaker (Rear RH)

I 1 Power Window SW (Rear LH)
I 2 Power Window Regulator Motor (Rear LH)
I 3 Door Lock Assembly (Rear LH)
I 4 Speaker (Rear LH)

K 1 Map Lamp
K 2 Room Lamp (Center)

L 1 License Plate Lamp

M 1 Center Stop Lamp
M 2 Rear Window Defogger

N 1 Rear Wiper Motor Assembly
N 2 Back Door Courtesy SW
N 3 Back Door Lock Assembly
N 4 Back Door Position SW

O 1 Rear Window Defogger

U 1 Occupant Classification ECU
U 2 Occupant Classification Sensor (Front LH)
U 3 Occupant Classification Sensor (Rear LH)
U 4 Occupant Classification Sensor (Front RH)
U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)

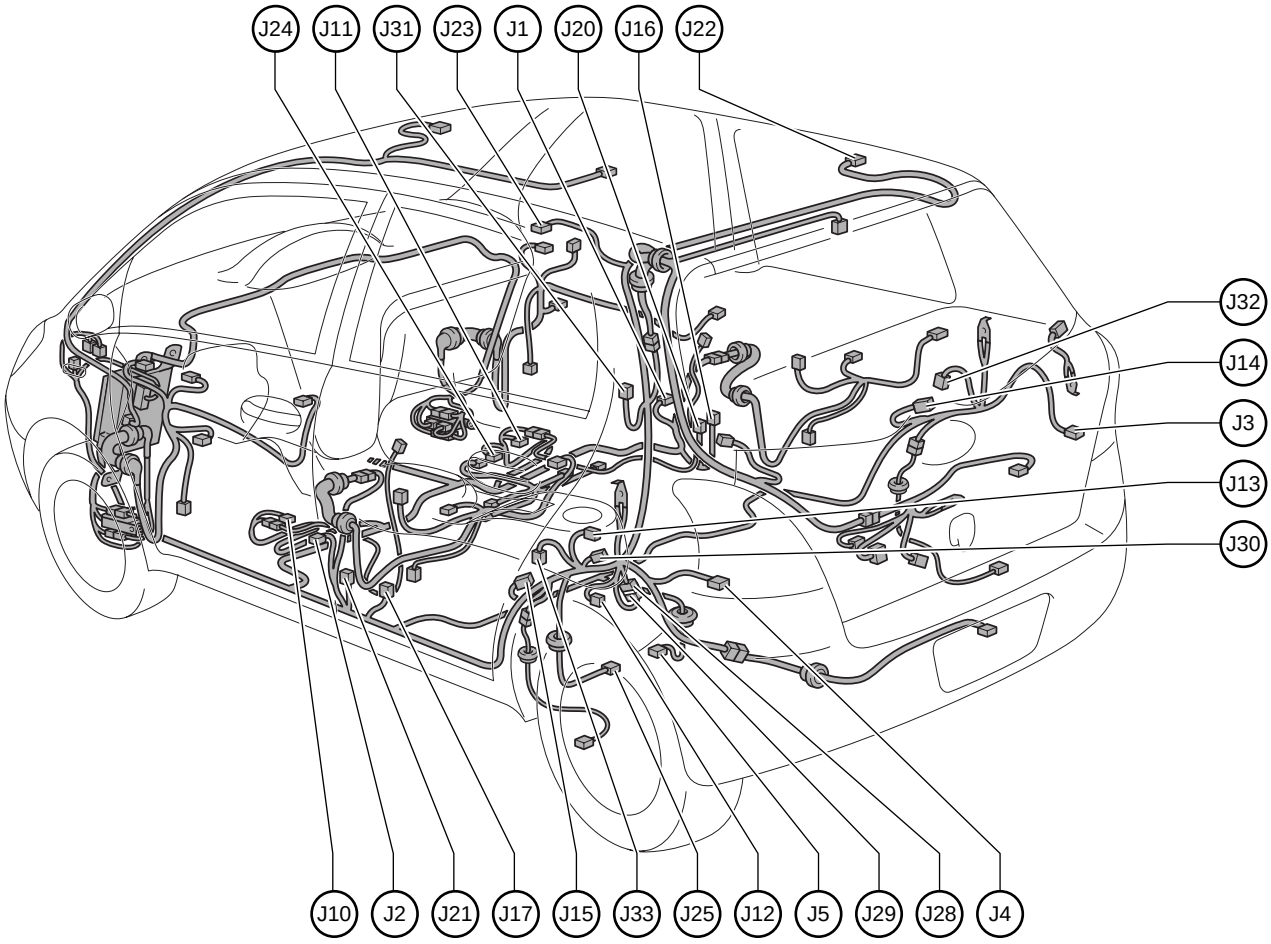
Y 1 Side Airbag Squib (LH)

Z 1 Speed Sensor (Rear RH)

a 1 Speed Sensor (Rear LH)

Position of Parts in Body

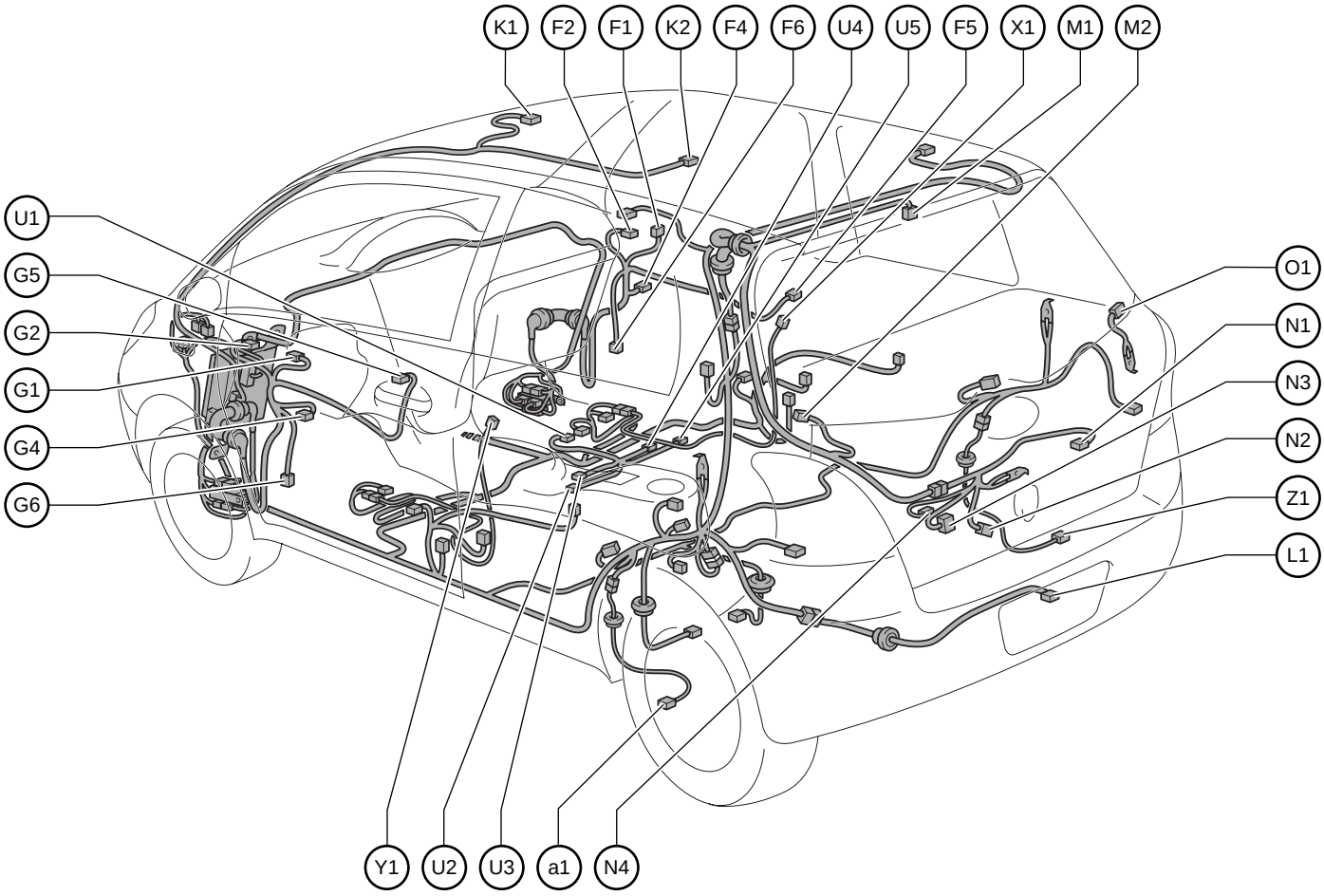
[5–Door]



J 1 Door Courtesy SW (Front RH)
J 2 Door Courtesy SW (Front LH)
J 3 Rear Combination Lamp (RH)
J 4 Rear Combination Lamp (LH)
J 5 Fuel Suction Pump and Gage Assembly
J 10 Front Seat Inner Belt (Driver's Side)
J 11 Front Seat Inner Belt Assembly (Front RH)
J 12 Room Lamp (Luggage)
J 13 Door Control Receiver
J 14 Airbag Sensor (Rear RH)
J 15 Airbag Sensor (Rear LH)
J 16 Side Airbag Sensor (RH)
J 17 Side Airbag Sensor (LH)
J 20 Pretensioner (RH)
J 21 Pretensioner (LH)
J 22 Curtain Shield Airbag Squib (RH)
J 23 Curtain Shield Airbag Squib (LH)
J 24 Occupant Classification ECU
J 25 Canister Pump Module
J 28 Junction Connector
J 29 Junction Connector
J 30 Diode (Room Lamp)
J 31 Noise Filter
J 32 Door Courtesy SW (Rear RH)
J 33 Door Courtesy SW (Rear LH)

Position of Parts in Body

[3–Door]



F 1 Power Window SW (Front RH)
F 2 Outer Rear View Mirror (RH)
F 4 Power Window Regulator Motor (Front RH)
F 5 Door Lock Assembly (Front Passenger's Side)
F 6 Speaker (Front Door RH)

G 1 Power Window Master SW
G 2 Outer Rear View Mirror (LH)
G 4 Power Window Regulator Motor (Front LH)
G 5 Door Lock Assembly (Driver's Side)
G 6 Speaker (Front Door LH)

K 1 Map Lamp
K 2 Room Lamp (Center)

L 1 License Plate Lamp

M 1 Center Stop Lamp
M 2 Rear Window Defogger

N 1 Rear Wiper Motor Assembly
N 2 Back Door Courtesy SW
N 3 Back Door Lock Assembly
N 4 Back Door Position SW

O 1 Rear Window Defogger

U 1 Occupant Classification ECU
U 2 Occupant Classification Sensor (Front LH)
U 3 Occupant Classification Sensor (Rear LH)
U 4 Occupant Classification Sensor (Front RH)
U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)

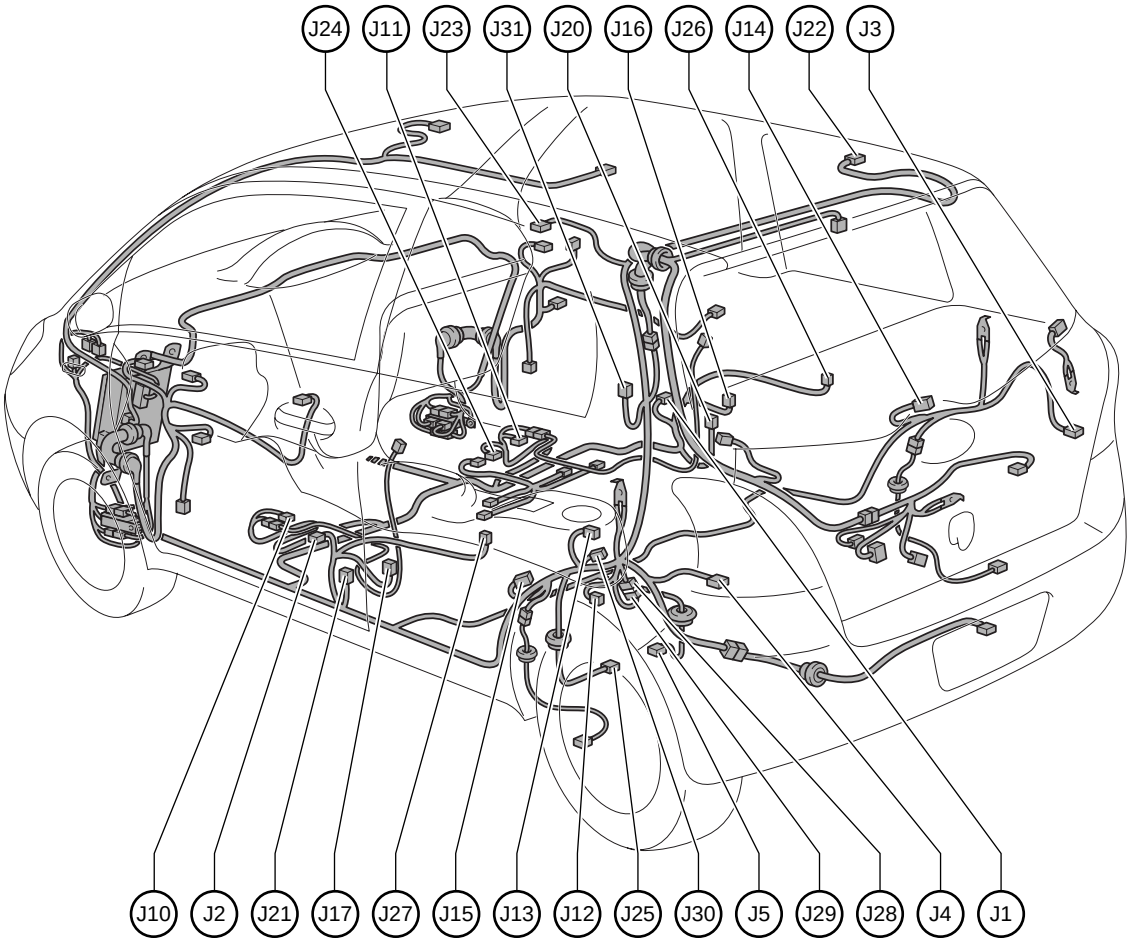
Y 1 Side Airbag Squib (LH)

Z 1 Speed Sensor (Rear RH)

a 1 Speed Sensor (Rear LH)

Position of Parts in Body

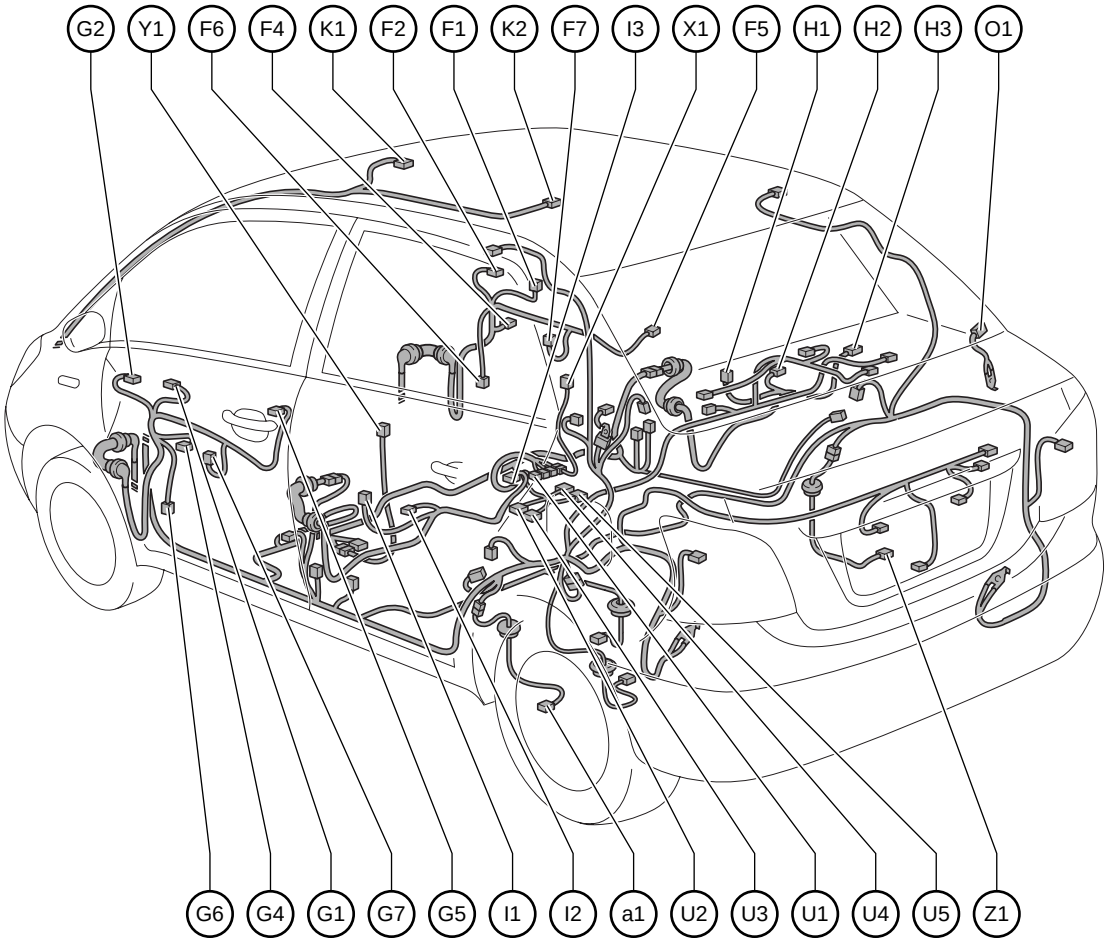
[3–Door]



J 1 Door Courtesy SW (Front RH)
J 2 Door Courtesy SW (Front LH)
J 3 Rear Combination Lamp (RH)
J 4 Rear Combination Lamp (LH)
J 5 Fuel Suction Pump and Gage Assembly
J 10 Front Seat Inner Belt (Driver's Side)
J 11 Front Seat Inner Belt Assembly (Front RH)
J 12 Room Lamp (Luggage)
J 13 Door Control Receiver
J 14 Airbag Sensor (Rear RH)
J 15 Airbag Sensor (Rear LH)
J 16 Side Airbag Sensor (RH)
J 17 Side Airbag Sensor (LH)
J 20 Pretensioner (RH)
J 21 Pretensioner (LH)
J 22 Curtain Shield Airbag Squib (RH)
J 23 Curtain Shield Airbag Squib (LH)
J 24 Occupant Classification ECU
J 25 Canister Pump Module
J 26 Speaker (Rear RH)
J 27 Speaker (Rear LH)
J 28 Junction Connector
J 29 Junction Connector
J 30 Diode (Room Lamp)
J 31 Noise Filter

Position of Parts in Body

[4–Door]



F 1 Power Window SW (Front RH)
F 2 Outer Rear View Mirror (RH)
F 4 Power Window Regulator Motor (Front RH)
F 5 Door Lock Assembly (Front Passenger's Side)
F 6 Speaker (Front Door RH)
F 7 Door Lock Control SW (Front Passenger's Side)

G 1 Power Window Master SW
G 2 Outer Rear View Mirror (LH)
G 4 Power Window Regulator Motor (Front LH)
G 5 Door Lock Assembly (Driver's Side)
G 6 Speaker (Front Door LH)
G 7 Door Lock Control SW (Driver's Side)

H 1 Power Window SW (Rear RH)
H 2 Power Window Regulator Motor (Rear RH)
H 3 Door Lock Assembly (Rear RH)

I 1 Power Window SW (Rear LH)
I 2 Power Window Regulator Motor (Rear LH)
I 3 Door Lock Assembly (Rear LH)

K 1 Map Lamp
K 2 Room Lamp (Center)

O 1 Rear Window Defogger

U 1 Occupant Classification ECU
U 2 Occupant Classification Sensor (Front LH)
U 3 Occupant Classification Sensor (Rear LH)
U 4 Occupant Classification Sensor (Front RH)
U 5 Occupant Classification Sensor (Rear RH)

X 1 Side Airbag Squib (RH)

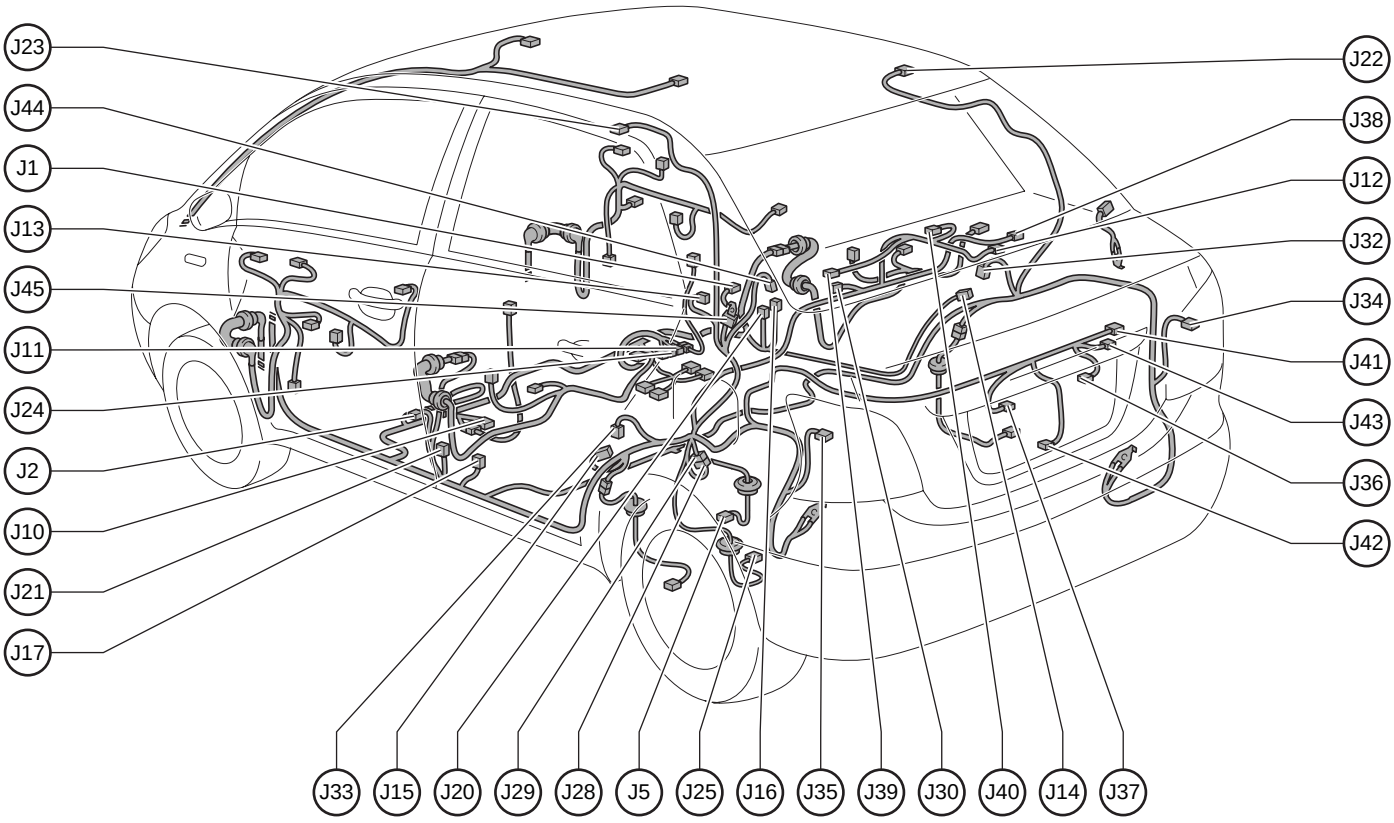
Y 1 Side Airbag Squib (LH)

Z 1 Speed Sensor (Rear RH)

a 1 Speed Sensor (Rear LH)

Position of Parts in Body

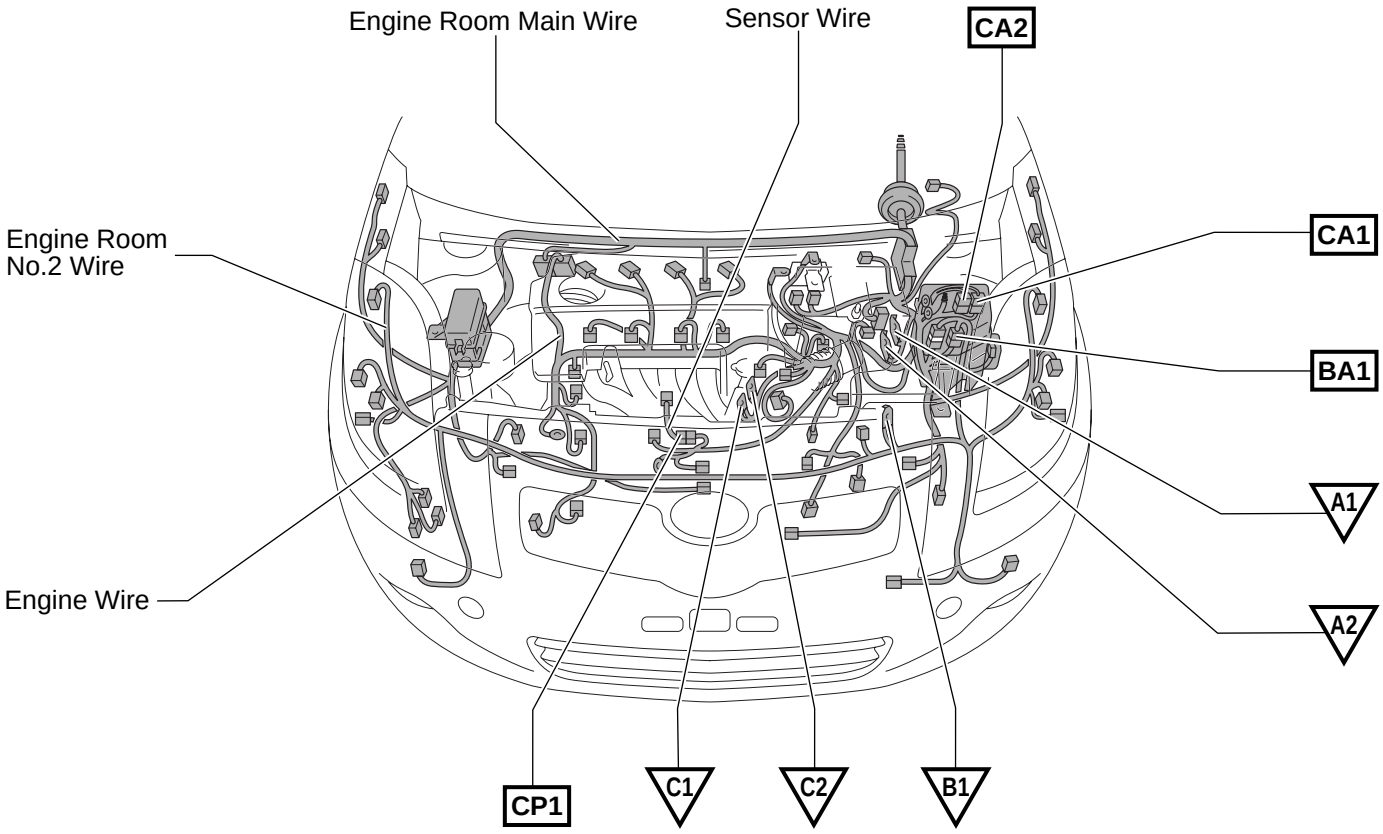
[4–Door]



J 1 Door Courtesy SW (Front RH)
J 2 Door Courtesy SW (Front LH)
J 5 Fuel Suction Pump and Gage Assembly
J 10 Front Seat Inner Belt (Driver's Side)
J 11 Front Seat Inner Belt Assembly (Front RH)
J 12 Room Lamp (Luggage)
J 13 Door Control Receiver
J 14 Airbag Sensor (Rear RH)
J 15 Airbag Sensor (Rear LH)
J 16 Side Airbag Sensor (RH)
J 17 Side Airbag Sensor (LH)
J 20 Pretensioner (RH)
J 21 Pretensioner (LH)
J 22 Curtain Shield Airbag Squib (RH)
J 23 Curtain Shield Airbag Squib (LH)
J 24 Occupant Classification ECU
J 25 Canister Pump Module
J 28 Junction Connector
J 29 Junction Connector
J 30 Diode (Room Lamp)
J 32 Door Courtesy SW (Rear RH)
J 33 Door Courtesy SW (Rear LH)
J 34 Rear Combination Lamp (RH)
J 35 Rear Combination Lamp (LH)
J 36 License Plate Lamp (RH)
J 37 License Plate Lamp (LH)
J 38 Speaker (Rear RH)
J 39 Speaker (Rear LH)
J 40 High Mounted Stop Light
J 41 High Mounted Stop Light
J 42 Door Lock Assembly (Luggage)
J 43 Door Lock Assembly (Luggage)
J 44 Rear Window Defogger
J 45 Noise Filter

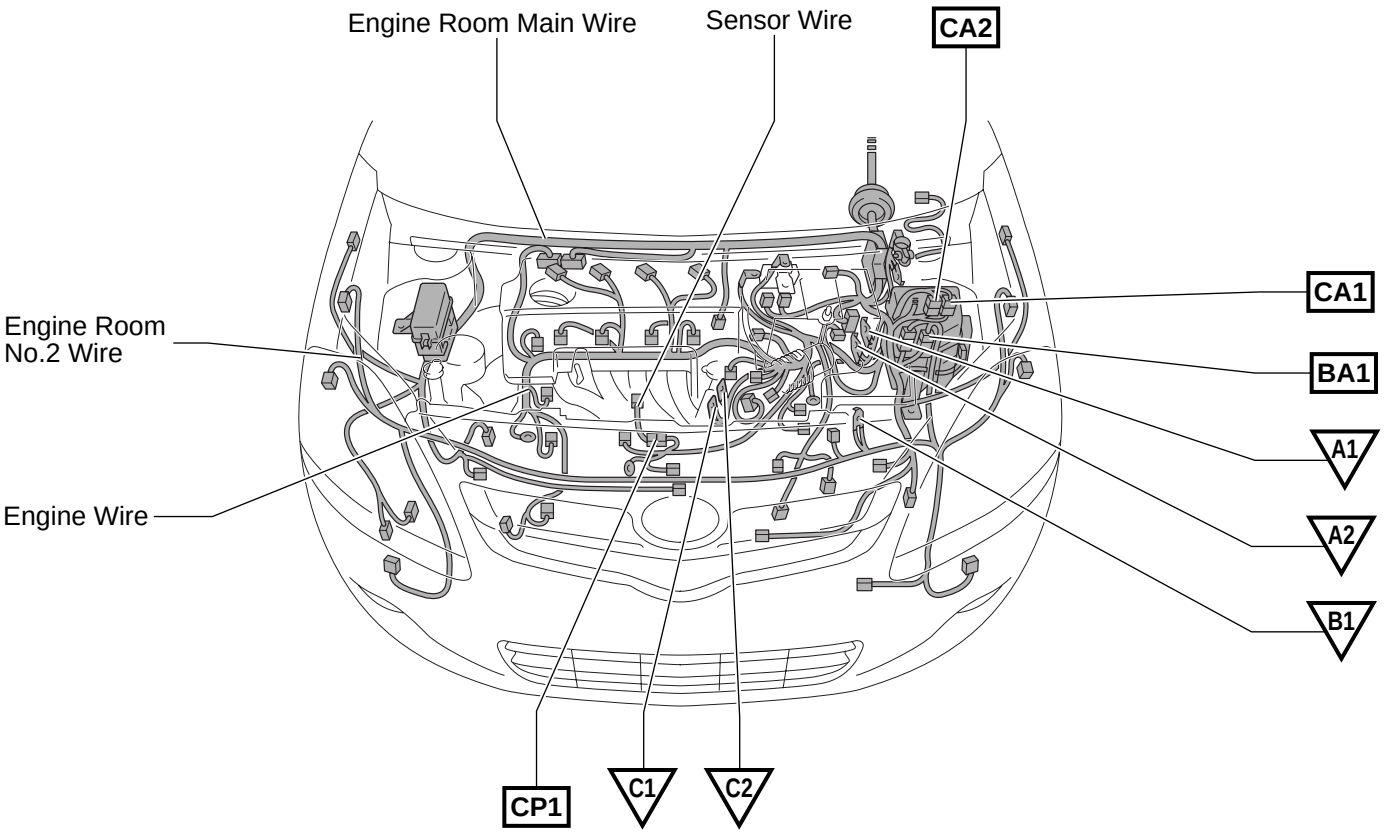
▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[H/B]



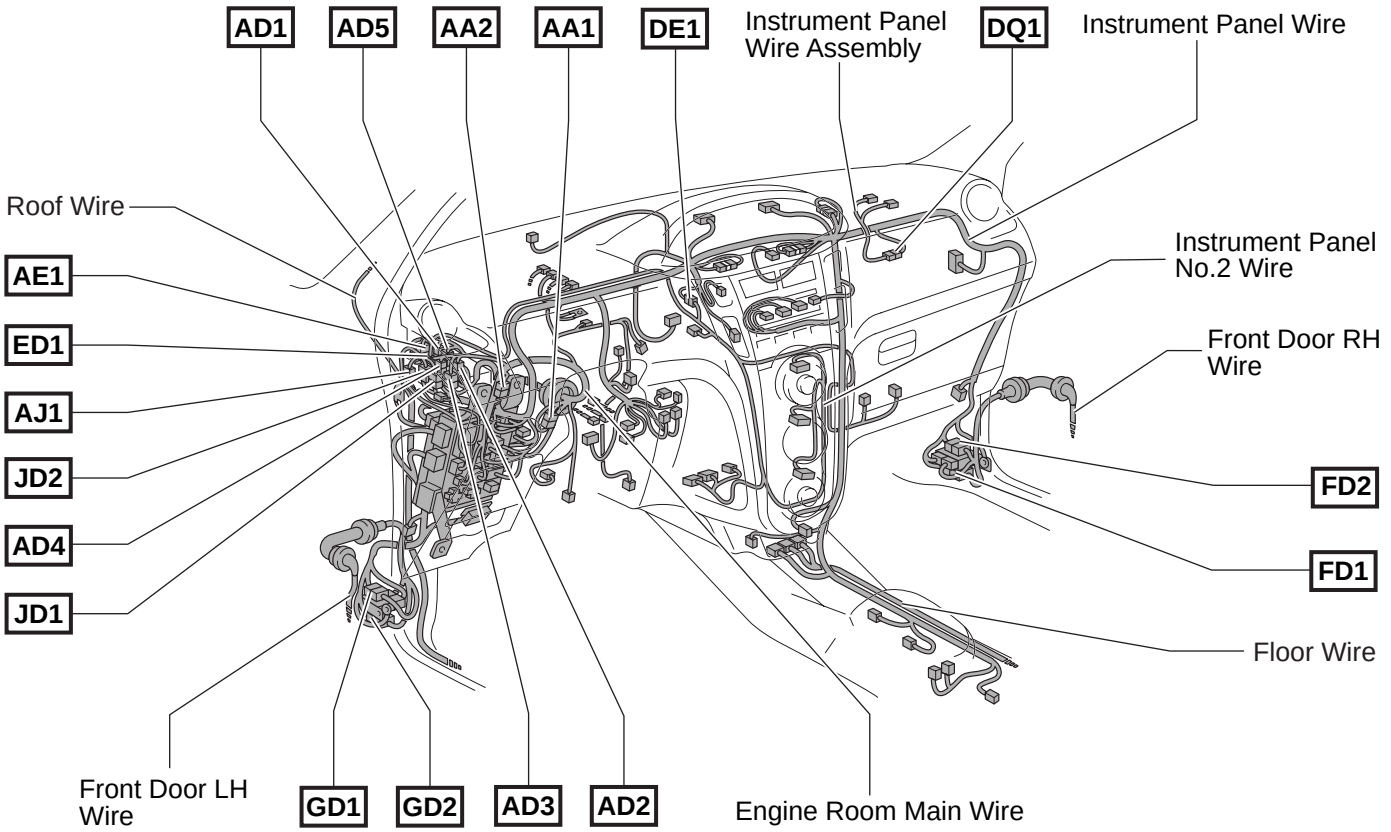
: Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[S/D]

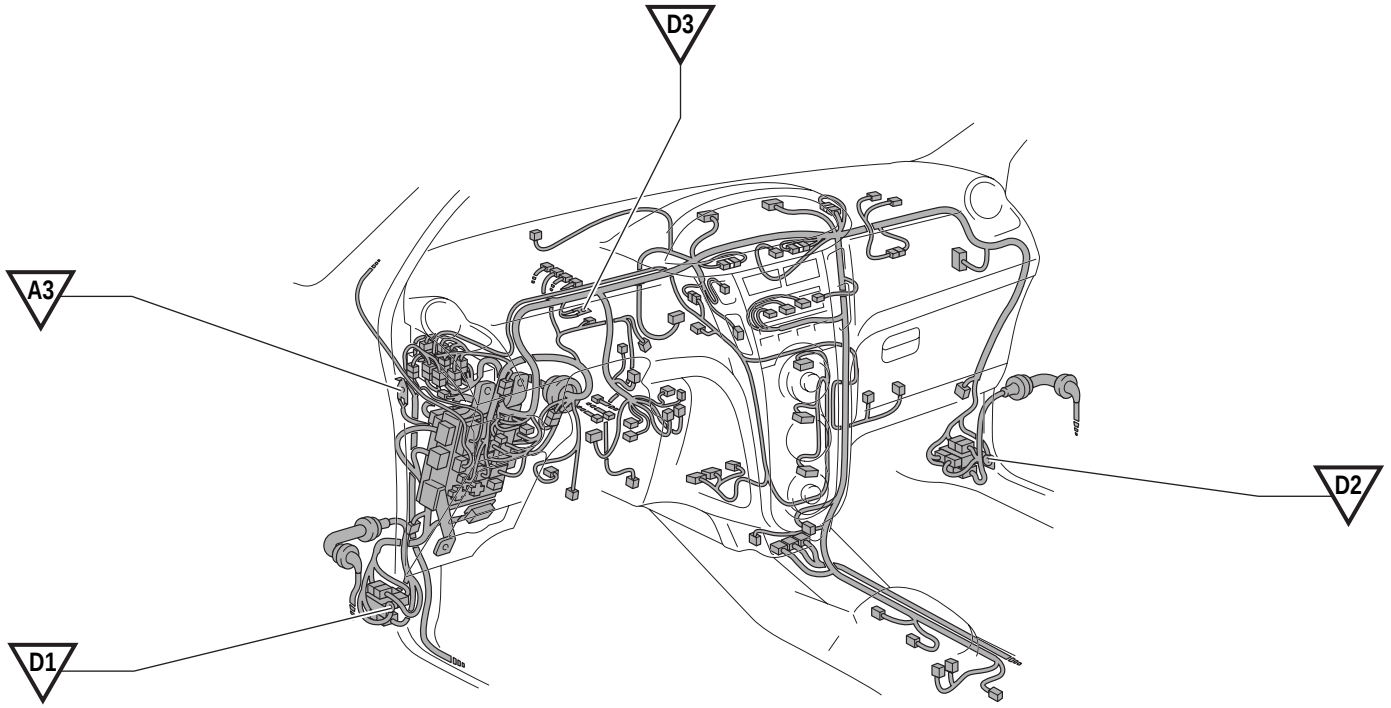


▭ : Location of Connector Joining Wire Harness and Wire Harness

[H/B]

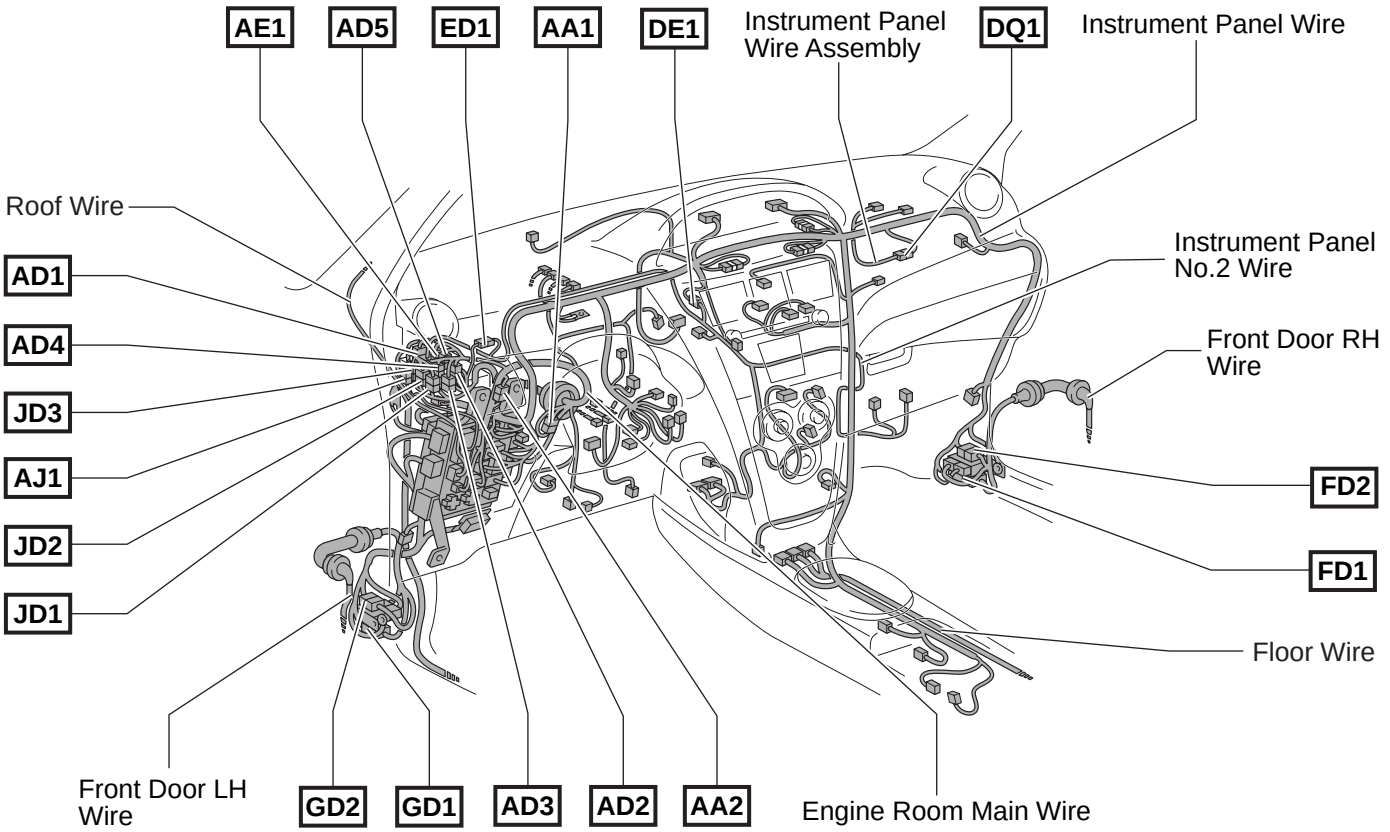


▽ : Location of Ground Points

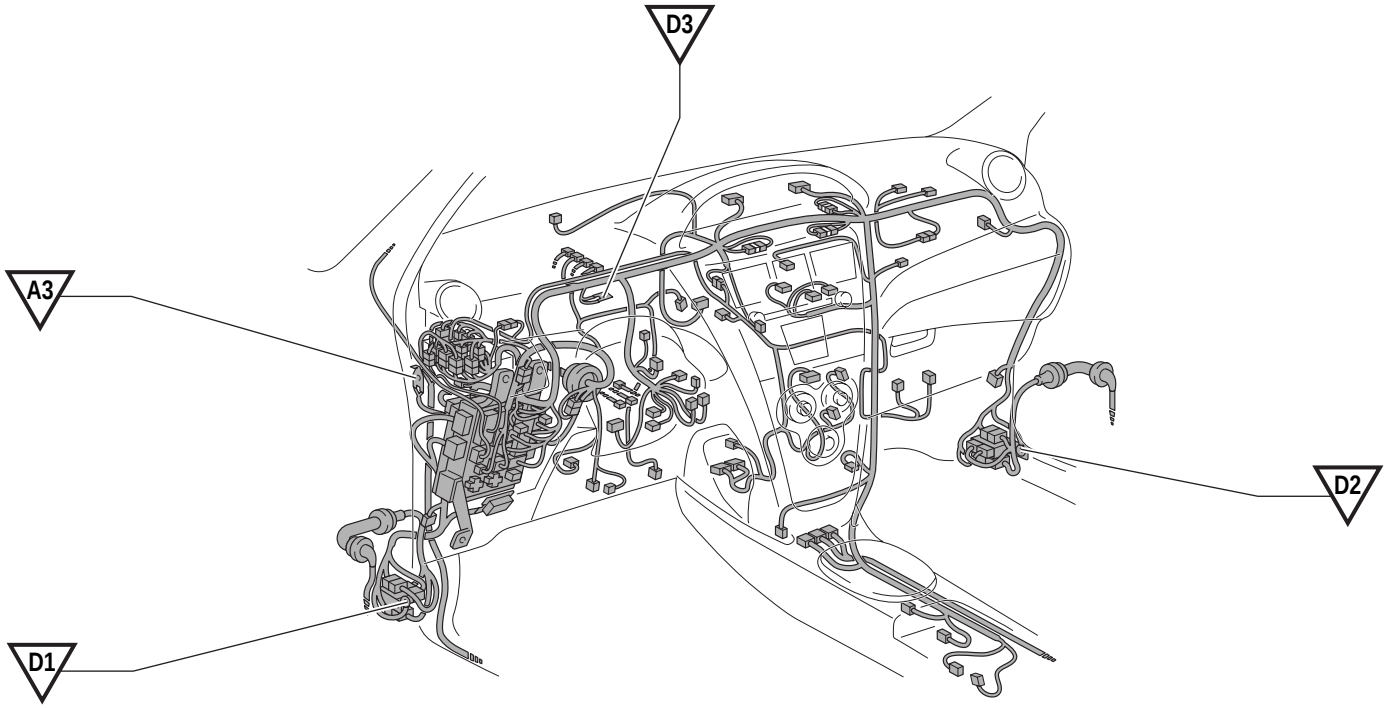


▭ : Location of Connector Joining Wire Harness and Wire Harness

[S/D]

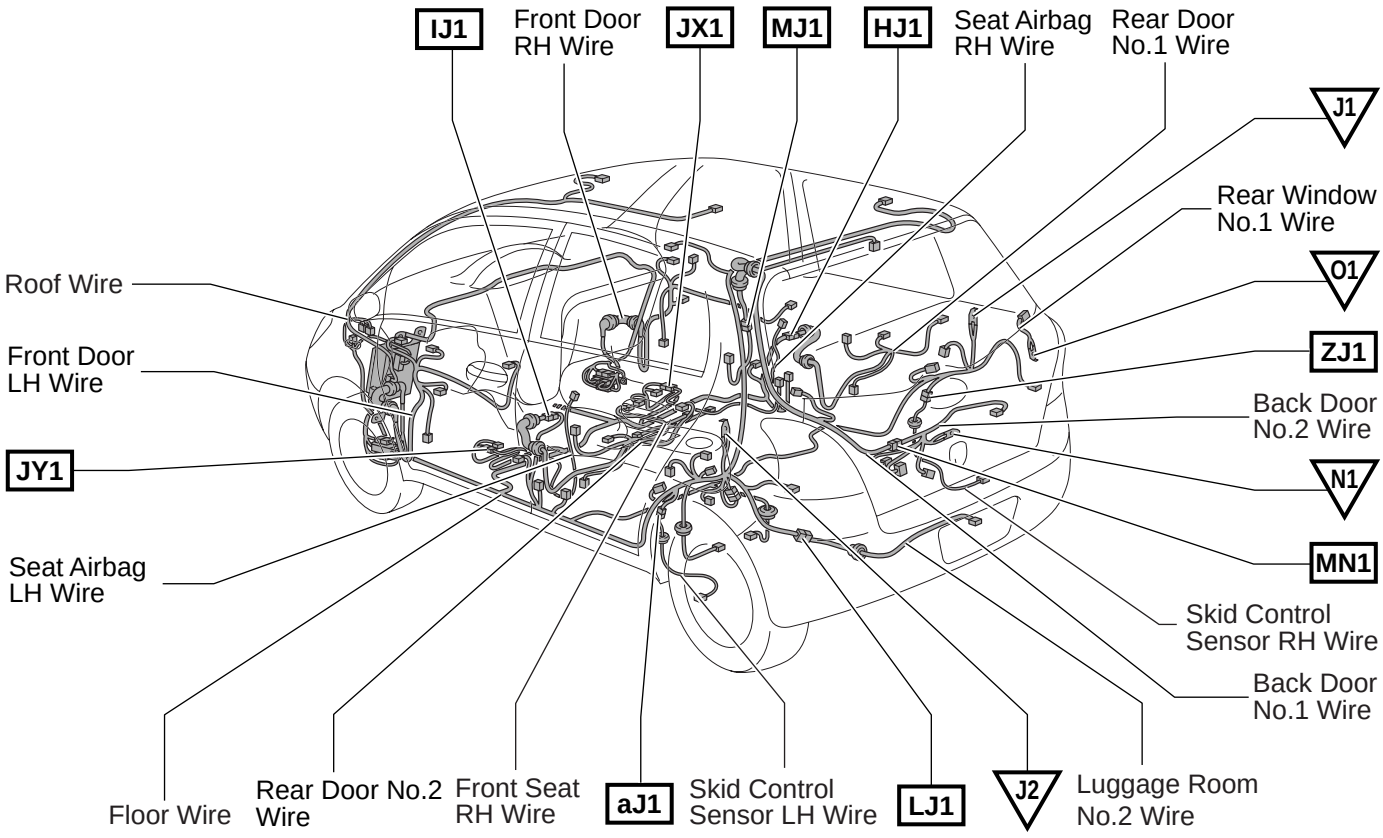


▽ : Location of Ground Points



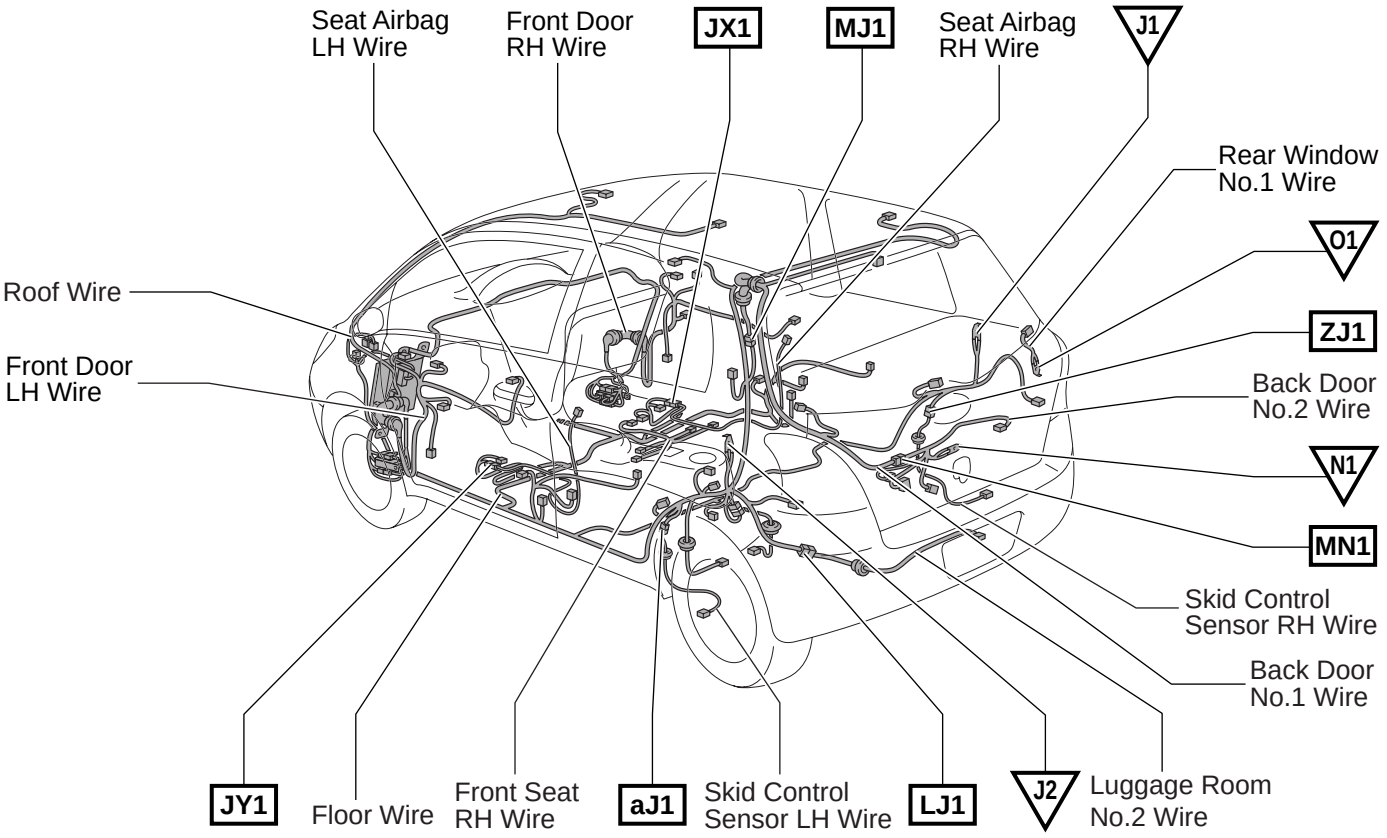
▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[5–Door]



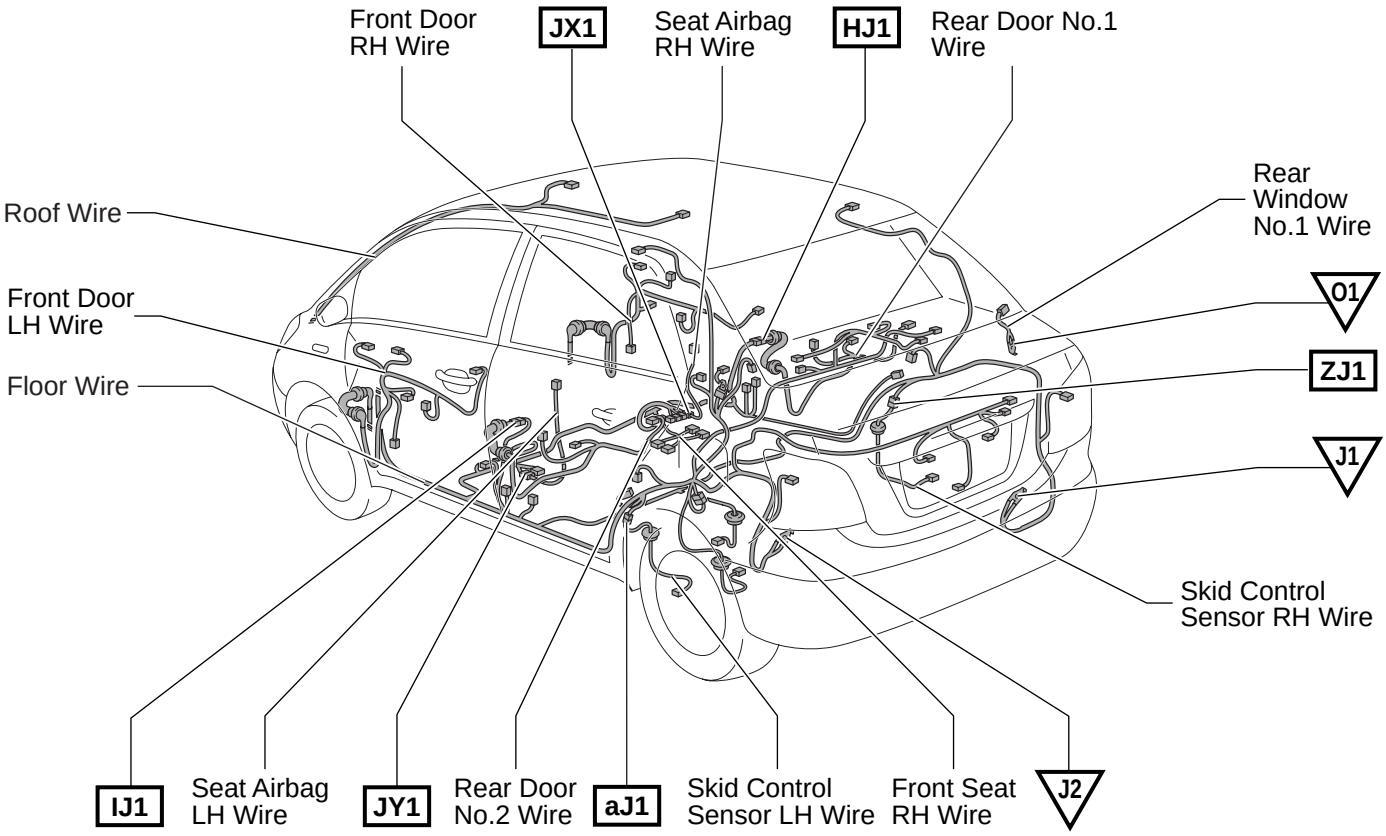
: Location of Connector Joining Wire Harness and Wire Harness
: Location of Ground Points

[3–Door]



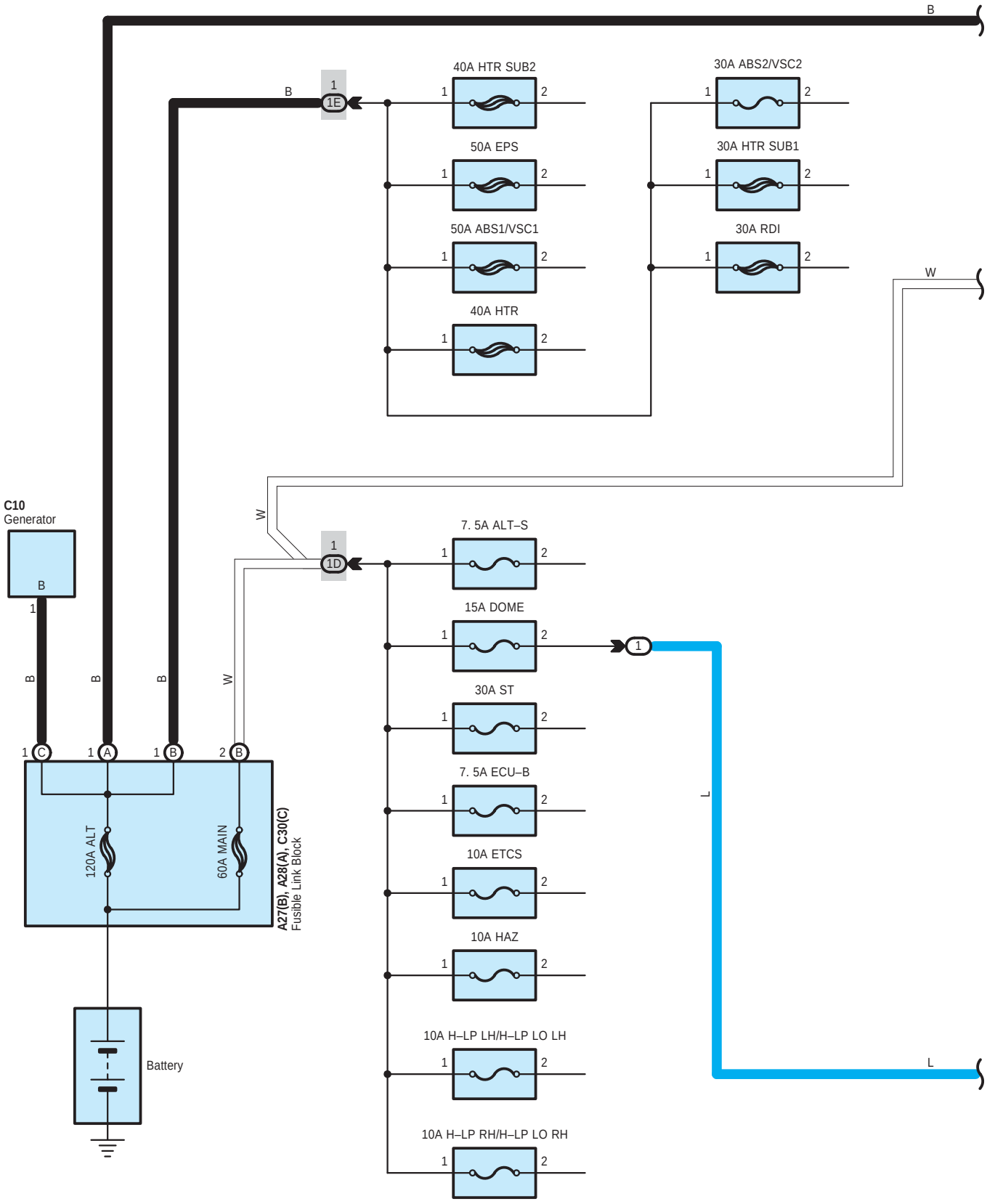
▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

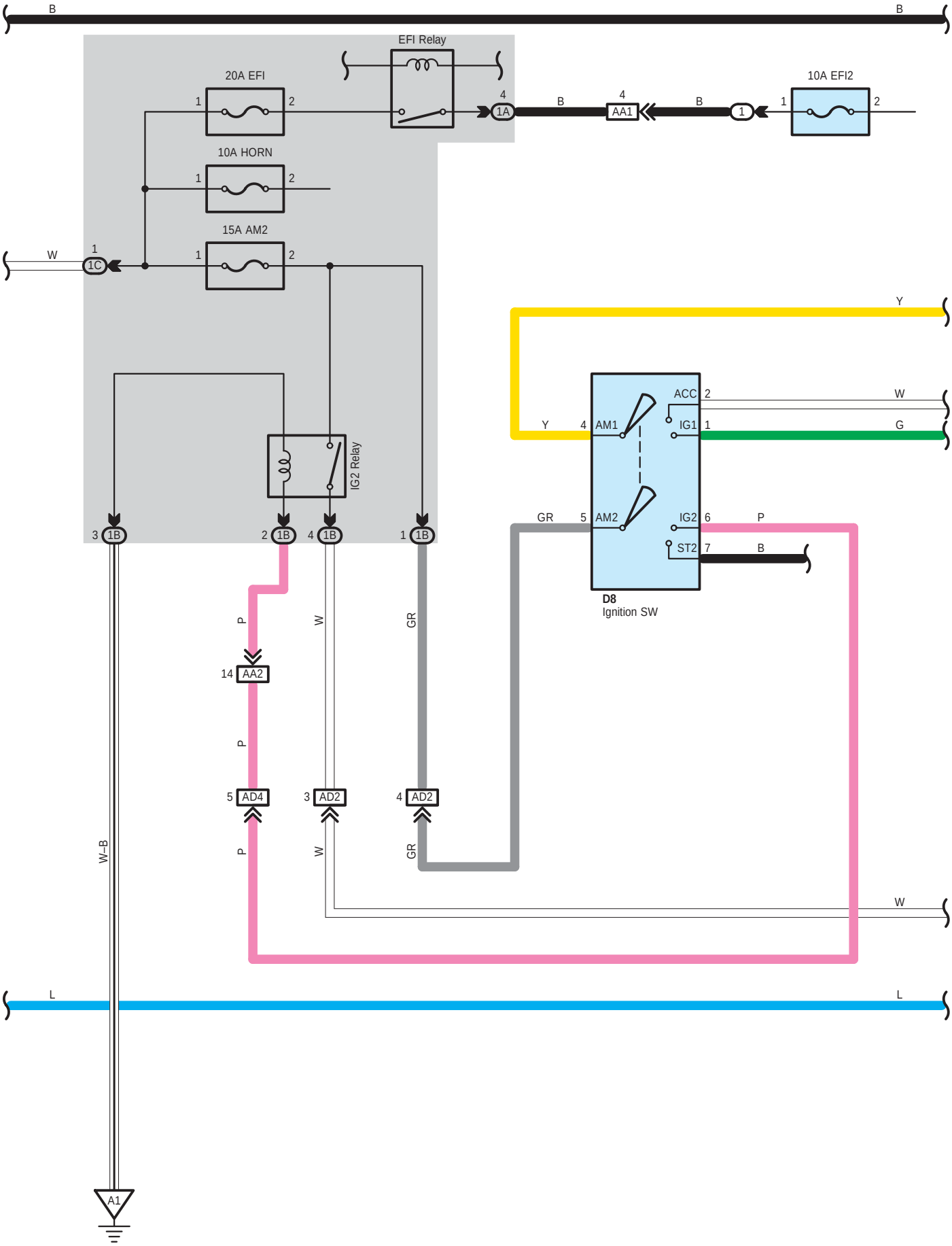
[4–Door]

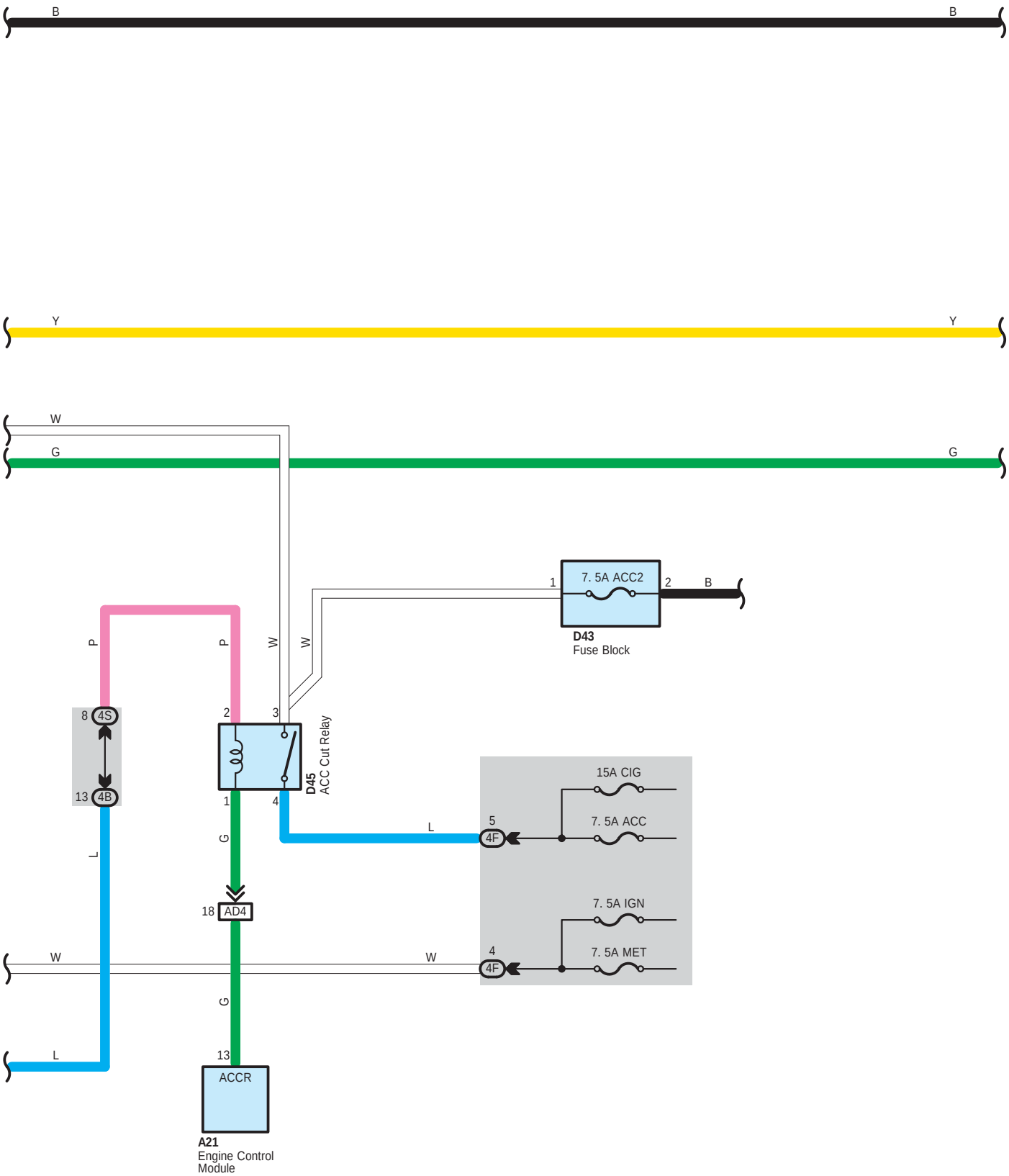


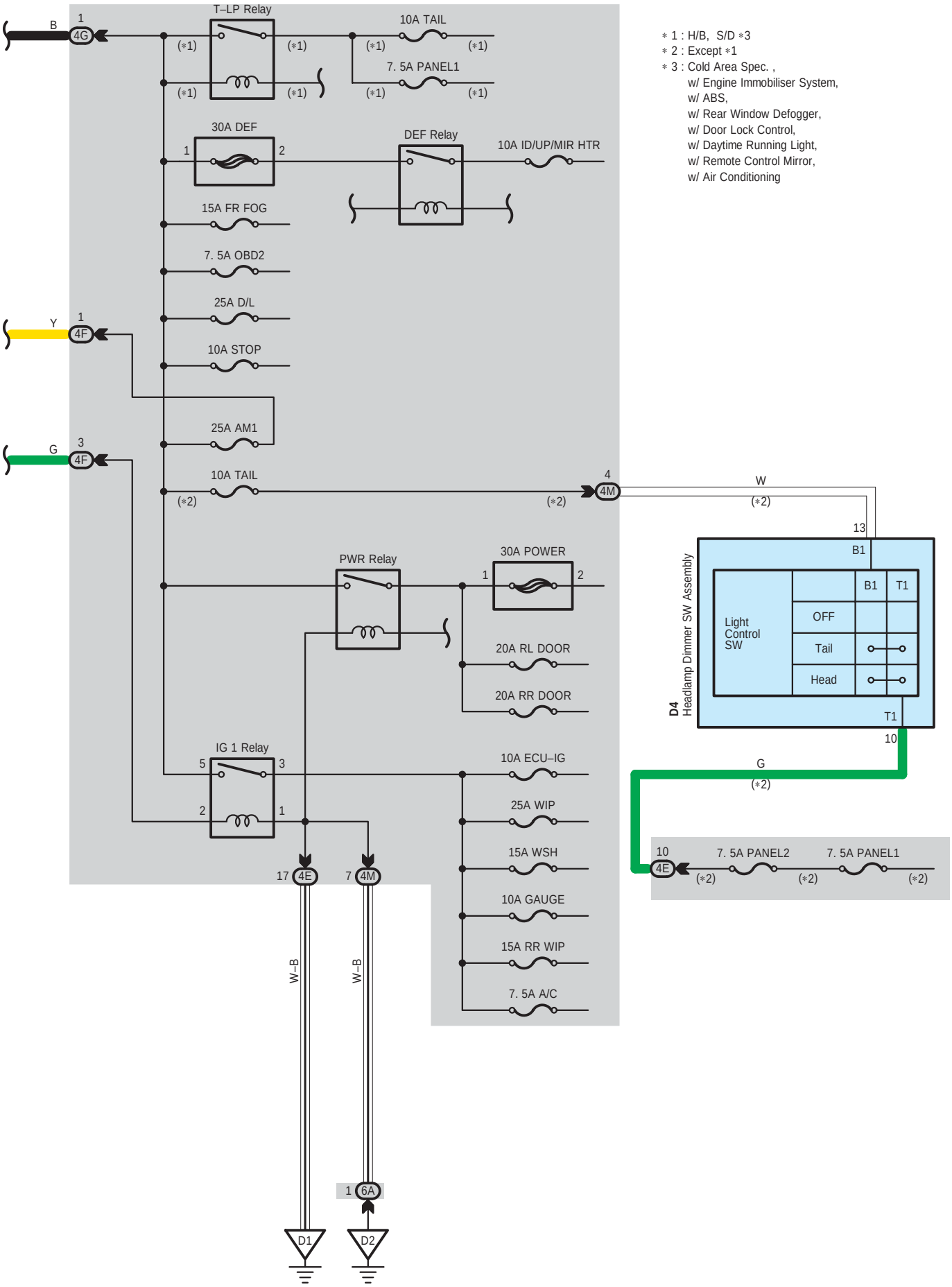
2007 YARIS ELECTRICAL WIRING DIAGRAM SYSTEM CIRCUITS

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B
40A HTR SUB2
30A ABS2/VSC2
50A EPS
30A HTR SUB1
50A ABS1/VSC1
30A RDI
40A HTR
W
C10
Generator
7. 5A ALT–S
15A DOME
30A ST
7. 5A ECU–B
10A ETCS
10A HAZ
10A H–LP LH/H–LP LO LH
10A H–LP RH/H–LP LO RH
L
120A ALT
60A MAIN
A27(B), A28(A), C30(C)
Fusible Link Block
Battery


B
B
EFI Relay
20A EFI
10A EFI2
10A HORN
15A AM2
W
1C
1A
AA1
1
Y
ACC
IG1
AM1
AM2
IG2
ST2
G
GR
P
D8
Ignition SW
IG2 Relay
1B
AA2
AD4
AD2
W–B
L
A1


B
B
Y
Y
W
G
G
1
7. 5A ACC2
2
B
D43
Fuse Block
P
P
W
W
8
4S
13
4B
2
3
D45
ACC Cut Relay
1
4
L
5
4F
15A CIG
7. 5A ACC
G
L
18
AD4
7. 5A IGN
W
W
4
4F
7. 5A MET
G
L
13
ACCR
A21
Engine Control
Module


∗1 : H/B, S/D ∗3
∗2 : Except ∗1
∗3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning
B
1
4G
T–LP Relay
(∗1)
10A TAIL
7. 5A PANEL1
30A DEF
DEF Relay
10A ID/UP/MIR HTR
15A FR FOG
7. 5A OBD2
25A D/L
Y
1
4F
10A STOP
25A AM1
G
3
4F
10A TAIL
(∗2)
4
4M
W
13
B1
T1
OFF
Tail
Head
Light Control SW
D4
Headlamp Dimmer SW Assembly
10
G
PWR Relay
30A POWER
20A RL DOOR
20A RR DOOR
IG 1 Relay
10A ECU–IG
25A WIP
15A WSH
10A GAUGE
15A RR WIP
7. 5A A/C
7. 5A PANEL2
17
4E
7
4M
W–B
1
6A
D1
D2

Power Source

: Parts Location

Code		See Page	Code		See Page	Code	See Page
A21		46 (H/B) 48 (S/D)	C10		47 (H/B) 49 (S/D)	D8	51 (H/B) 53 (S/D)
A27	B	43, 46 (H/B) 43, 48 (S/D)	C30	C	42, 47 (H/B) 42, 49 (S/D)	D43	45, 51 (H/B) 45, 53 (S/D)
A28	A	43, 46 (H/B) 43, 48 (S/D)	D4		51 (H/B) 53 (S/D)	D45	51 (H/B) 53 (S/D)

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

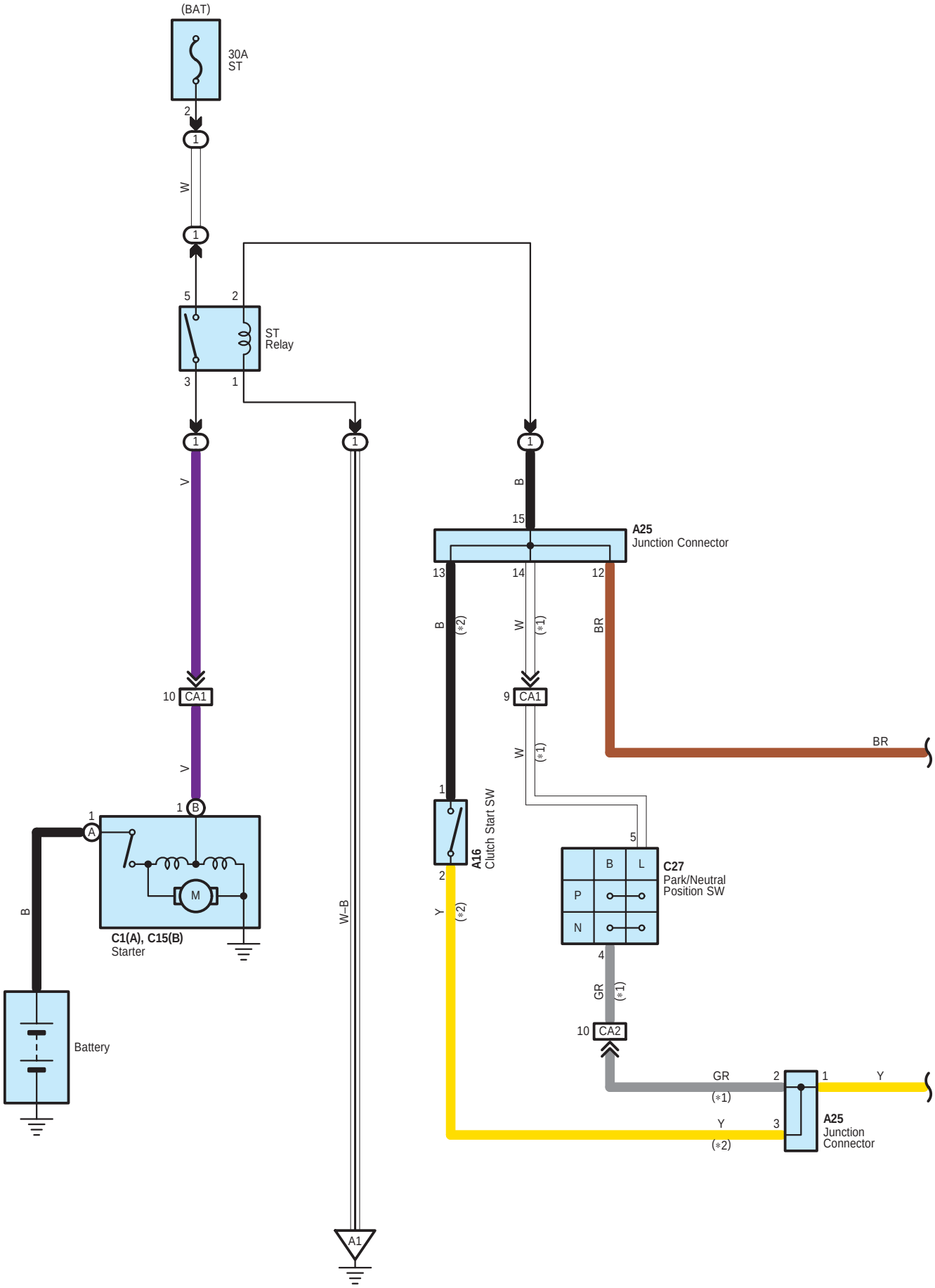
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1B		
1C		
1D	24	
1E		
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4F		
4G	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

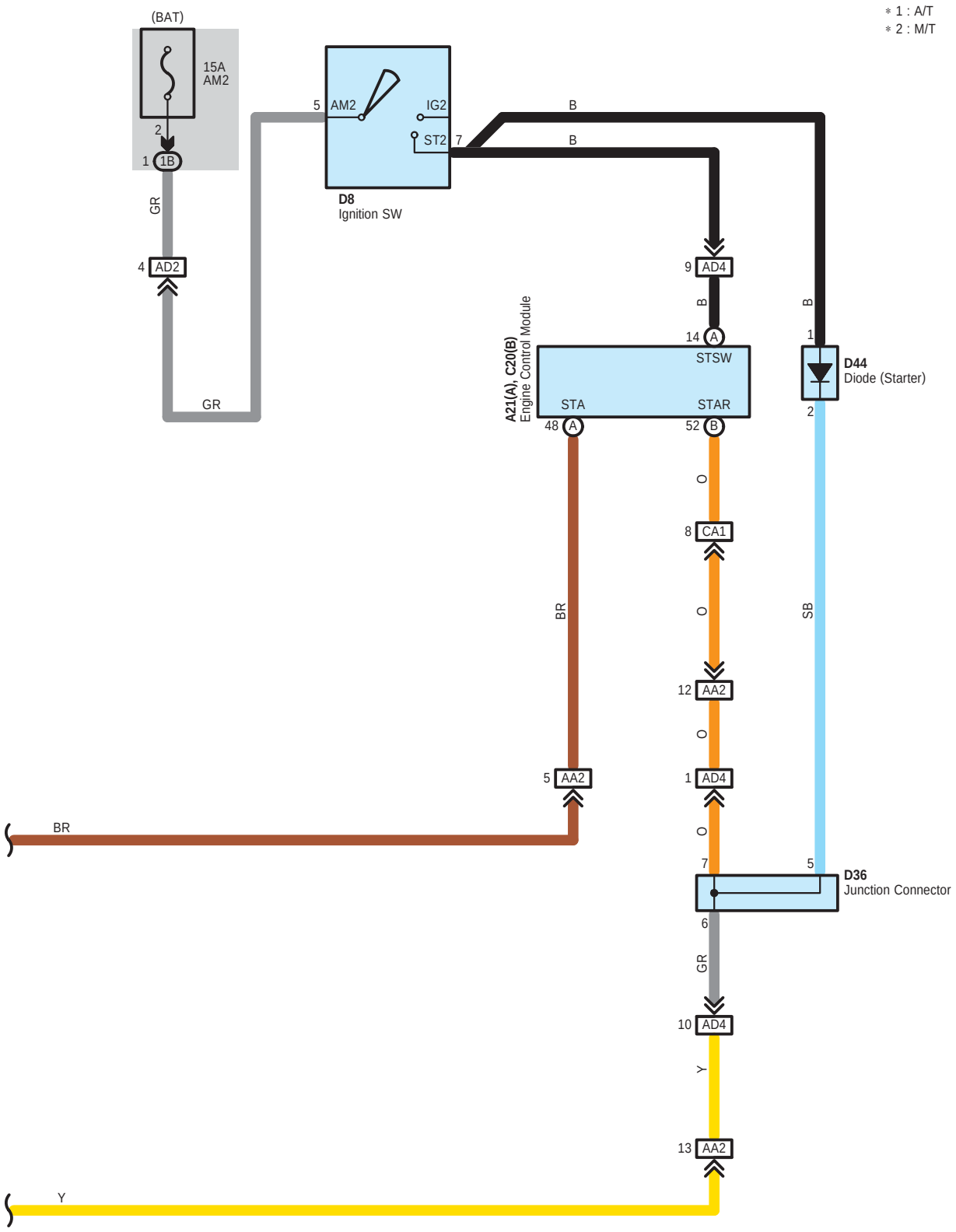
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA1	62 (H/B) 63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
AA2	62 (H/B) 63 (S/D)	
AD2	62 (H/B) 63 (S/D)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
AD4	62 (H/B) 63 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B) 61 (S/D)	Left Suspension Tower
D1	62 (H/B) 63 (S/D)	Left Kick Panel
D2	62 (H/B) 63 (S/D)	Right Kick Panel


(BAT)
30A
ST
2
1
W
1
5
2
ST
Relay
3
1
1
V
10
CA1
V
1
B
1
A
M
B
C1(A), C15(B)
Starter
Battery
W–B
A1
1
B
15
A25
Junction Connector
13
14
12
B
(*2)
W
(*1)
BR
9
CA1
W
(*1)
BR
1
A16
Clutch Start SW
2
Y
(*2)
5
B
L
P
N
C27
Park/Neutral
Position SW
4
GR
(*1)
10
CA2
GR
(*1)
2
1
Y
Y
(*2)
3
A25
Junction
Connector


∗ 1 : A/T
∗ 2 : M/T
(BAT)
15A
AM2
2
1
1B
GR
4
AD2
GR
5
AM2
IG2
ST2
7
D8
Ignition SW
B
B
9
AD4
B
14
A
STSW
STA
STAR
48
A
52
B
A21(A), C20(B)
Engine Control Module
B
1
D44
Diode (Starter)
2
O
8
CA1
O
12
AA2
O
1
AD4
O
7
5
D36
Junction Connector
6
GR
10
AD4
Y
13
AA2
BR
5
AA2
BR
BR
SB
Y

: Parts Location

Code		See Page	Code		See Page	Code	See Page
A16		50 (H/B)	C1	A	49 (S/D)	D8	51 (H/B)
		52 (S/D)	C15	B	47 (H/B)		53 (S/D)
A21	A	46 (H/B)			49 (S/D)	D36	51 (H/B)
		48 (S/D)	C20	B	47 (H/B)		53 (S/D)
A25		46 (H/B)			49 (S/D)	D44	51 (H/B)
		48 (S/D)	C27		47 (H/B)		53 (S/D)
C1	A	47 (H/B)			49 (S/D)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

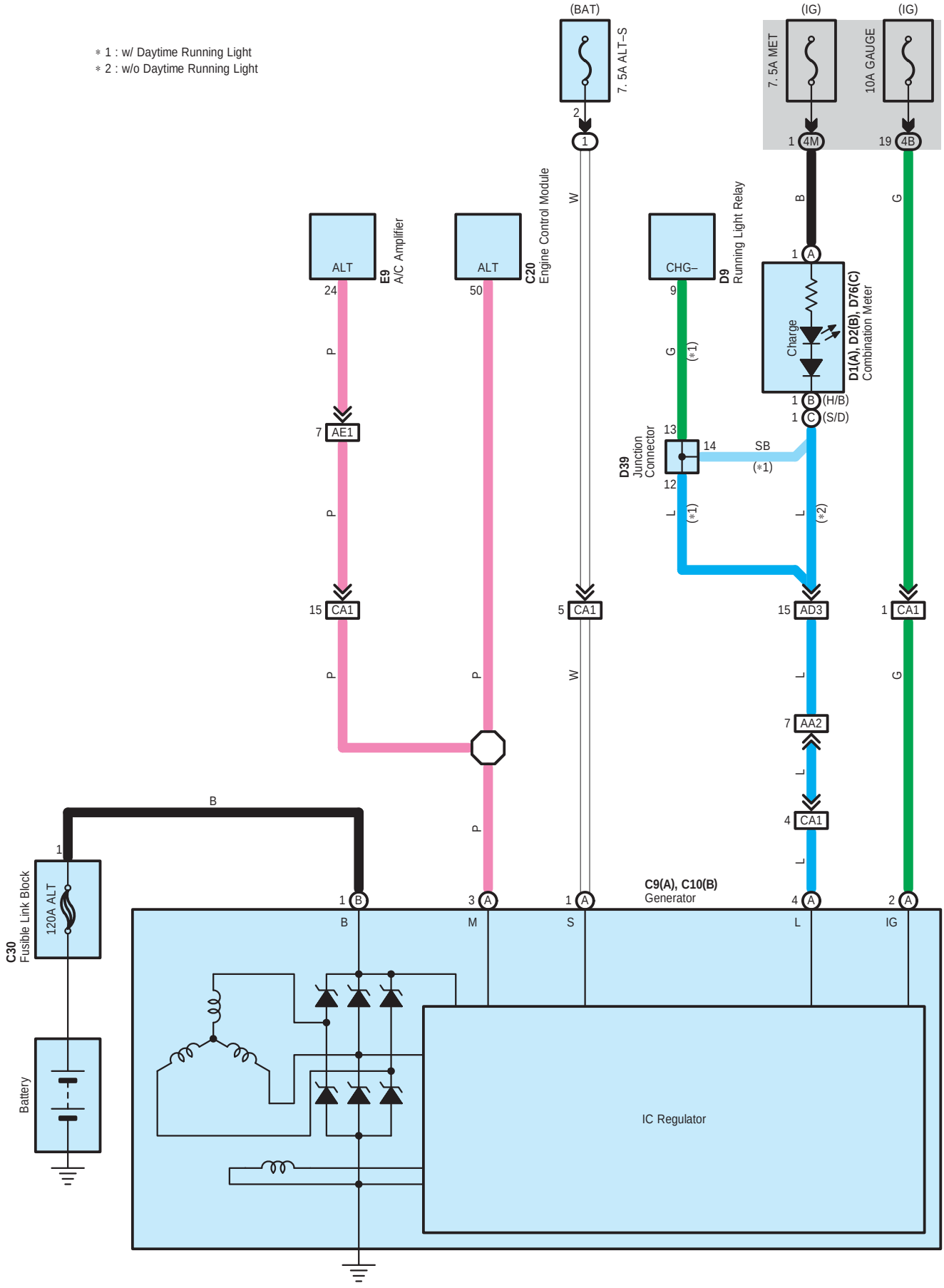
Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA2	60 (H/B)	
	61 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	


∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light
(BAT)
(IG)
(IG)
7. 5A ALT–S
7. 5A MET
10A GAUGE
ALT
ALT
CHG–
E9 A/C Amplifier
C20 Engine Control Module
D9 Running Light Relay
D1(A), D2(B), D76(C) Combination Meter
Charge
D39 Junction Connector
C30 Fusible Link Block
120A ALT
Battery
C9(A), C10(B) Generator
IC Regulator
B
M
S
L
IG
SB
(∗1)
(∗2)
(H/B)
(S/D)

: Parts Location

Code		See Page	Code		See Page	Code		See Page
C9	A	47 (H/B)	C30		42, 47 (H/B)	D9		53 (S/D)
		49 (S/D)			42, 49 (S/D)	D39		51 (H/B)
C10	B	47 (H/B)	D1	A	51 (H/B)			53 (S/D)
		49 (S/D)			53 (S/D)	D76	C	53 (S/D)
C20		47 (H/B)	D2	B	51 (H/B)	E9		50 (H/B)
		49 (S/D)	D9		51 (H/B)			52 (S/D)

: Relay Blocks

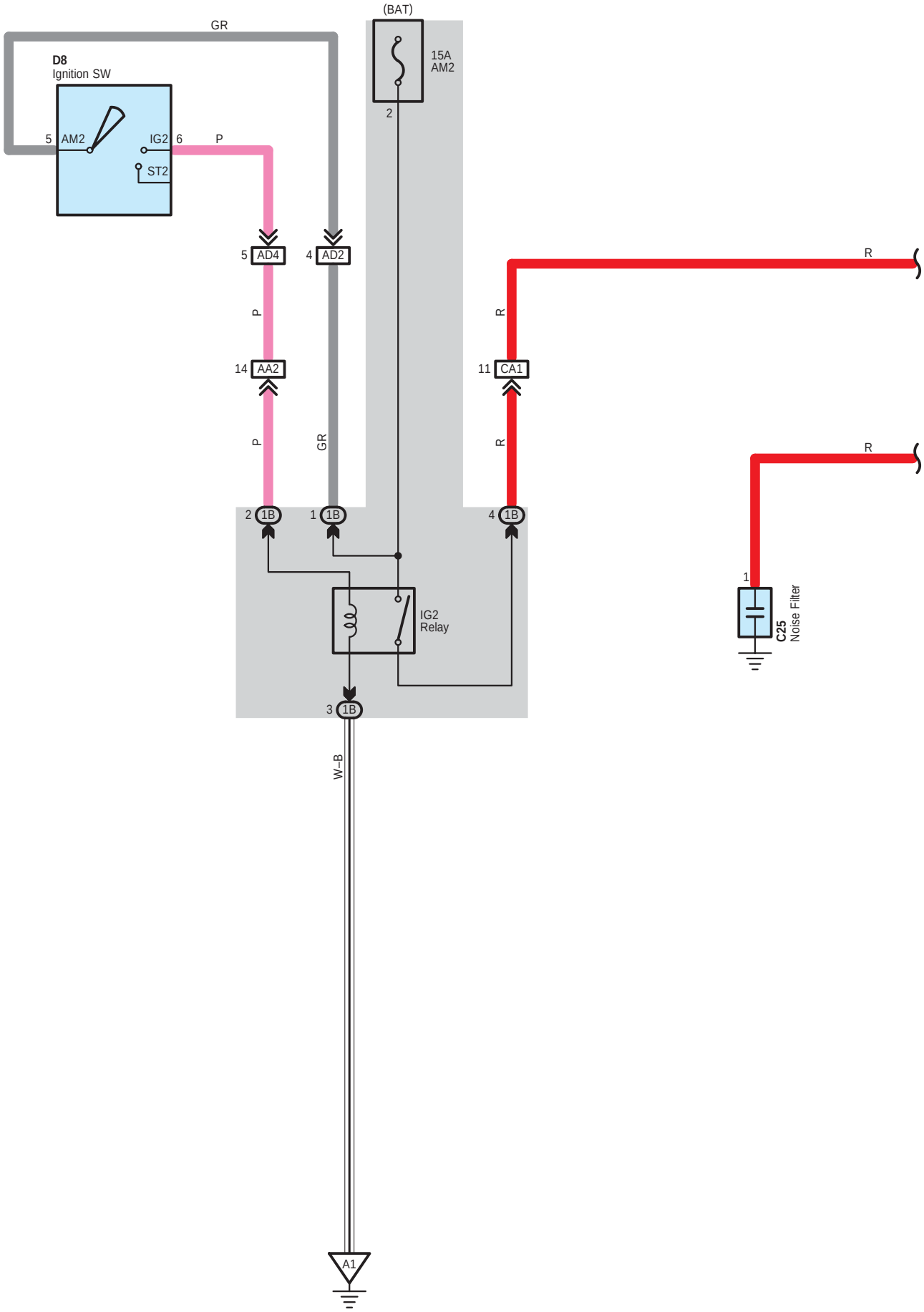
Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

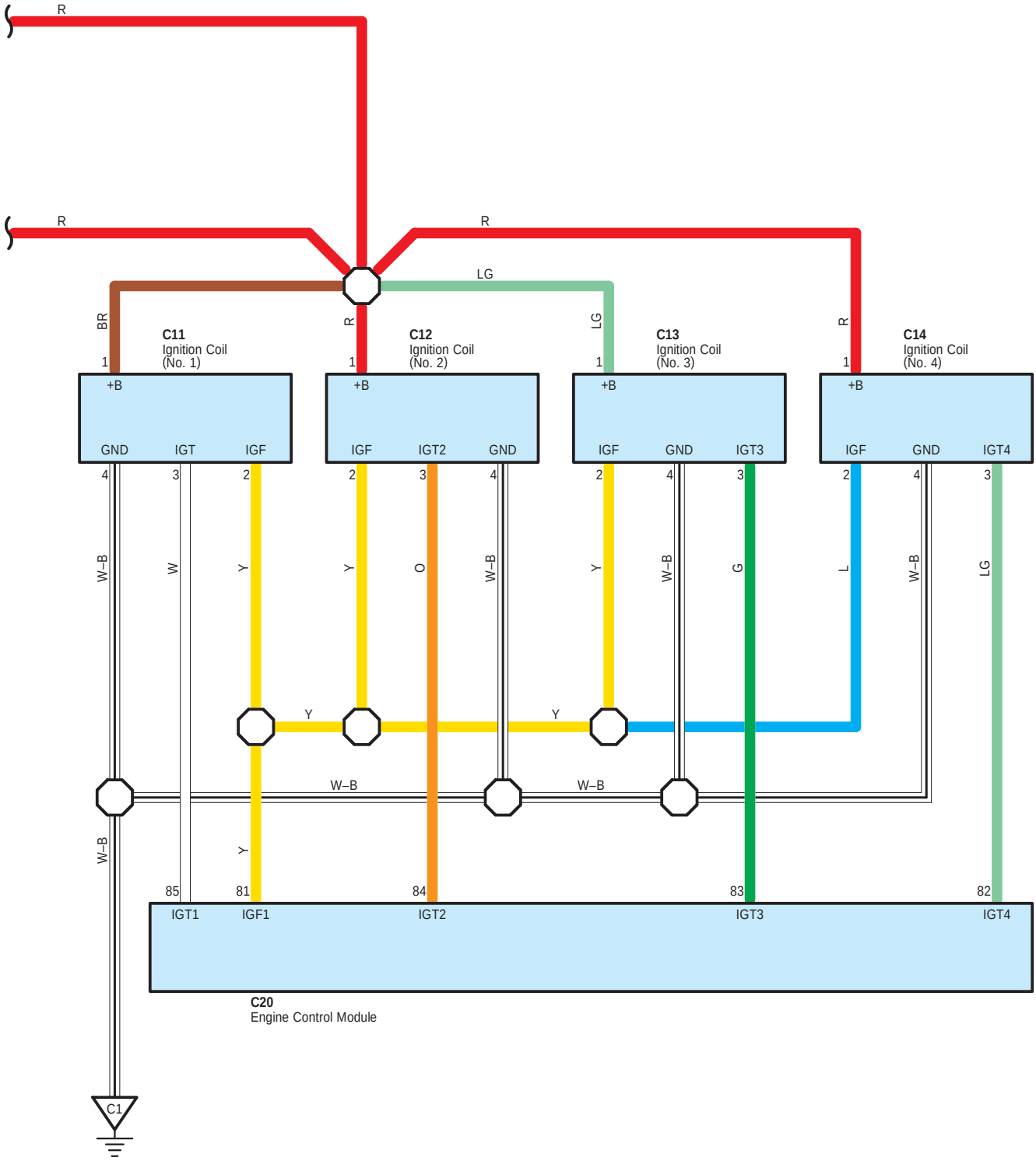
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AE1	62 (H/B)	Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left)
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	


(BAT)
GR
D8
Ignition SW
5 AM2
IG2 6
P
ST2
15A
AM2
2
5 AD4
4 AD2
P
14 AA2
P
GR
2 1B
1 1B
11 CA1
R
R
R
R
4 1B
IG2
Relay
3 1B
W-B
A1
1
C25
Noise Filter


R
R
R
LG
BR
R
LG
R
C11
Ignition Coil
(No. 1)
C12
Ignition Coil
(No. 2)
C13
Ignition Coil
(No. 3)
C14
Ignition Coil
(No. 4)
1
+B
GND
IGT
IGF
IGF
IGT2
GND
IGF
GND
IGT3
IGF
GND
IGT4
4
3
2
2
3
4
2
4
3
2
4
3
W–B
W
Y
Y
O
W–B
Y
W–B
G
L
W–B
LG
Y
Y
W–B
W–B
W–B
Y
85
81
84
83
82
IGT1
IGF1
IGT2
IGT3
IGT4
C20
Engine Control Module
C1

: Parts Location

Code	See Page	Code	See Page	Code	See Page
C11	47 (H/B)	C13	49 (S/D)	C25	47 (H/B)
	49 (S/D)	C14	47 (H/B)		49 (S/D)
C12	47 (H/B)		49 (S/D)	D8	51 (H/B)
	49 (S/D)	C20	47 (H/B)		53 (S/D)
C13	47 (H/B)		49 (S/D)		

: Junction Block and Wire Harness Connector

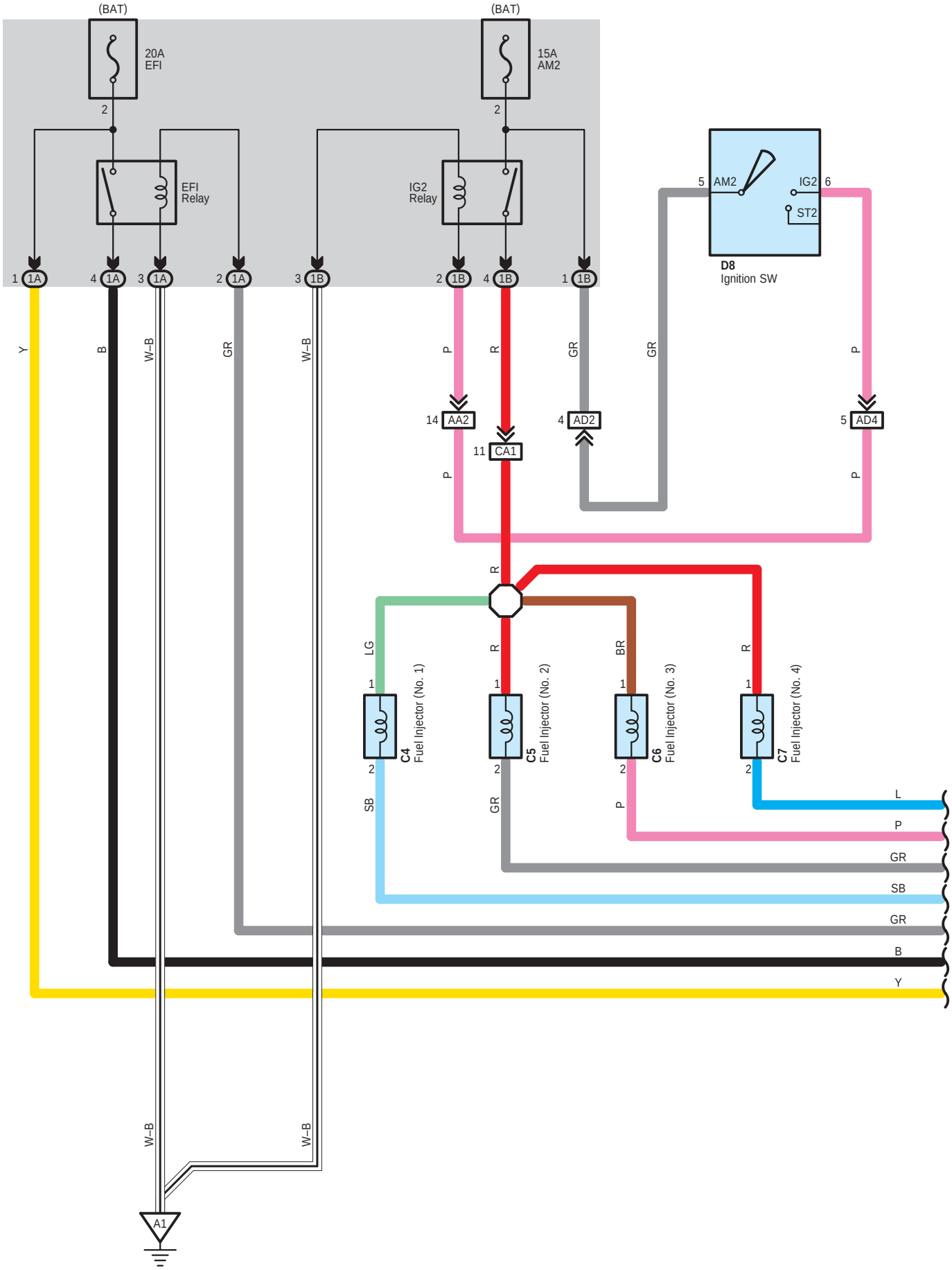
Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

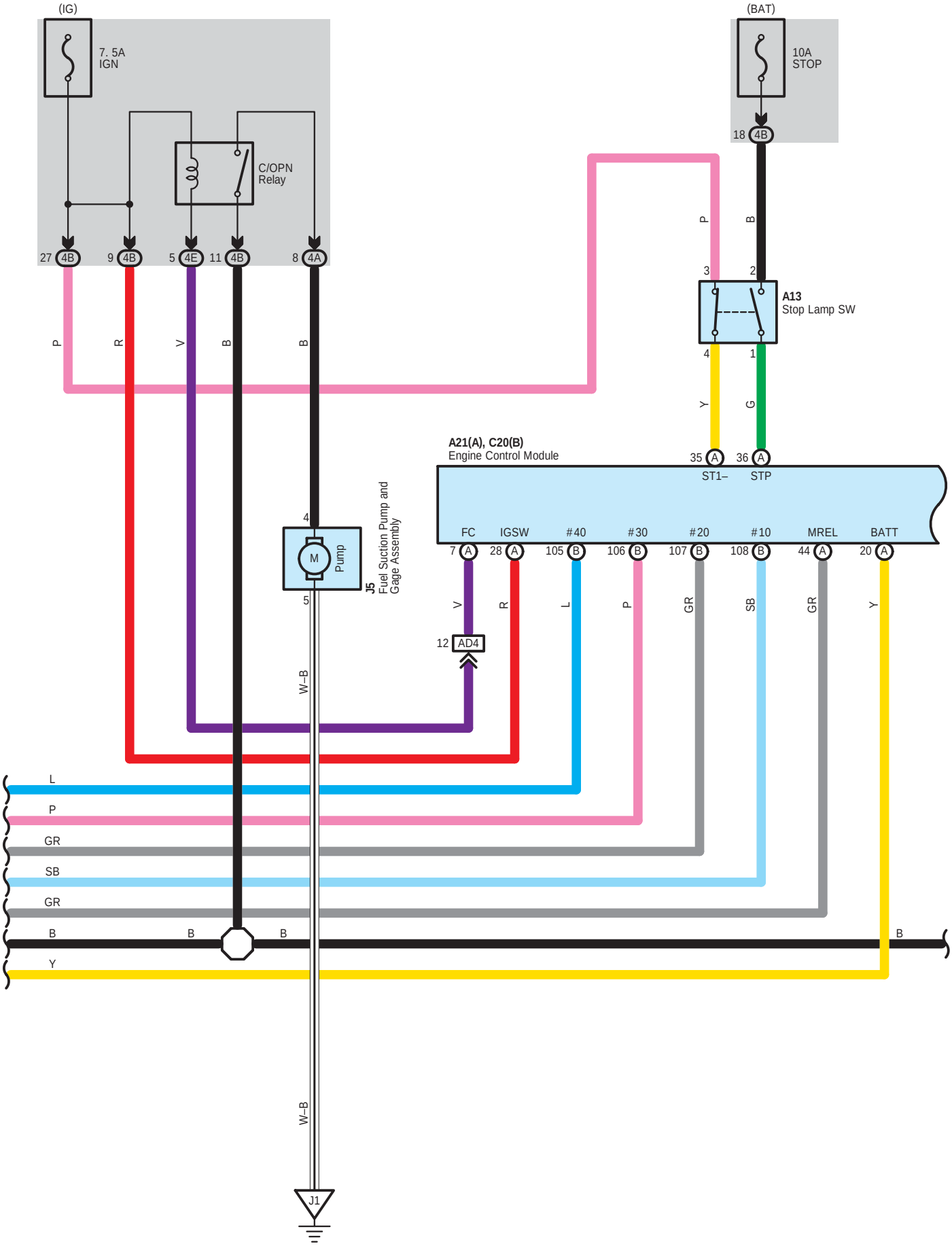
: Connector Joining Wire Harness and Wire Harness

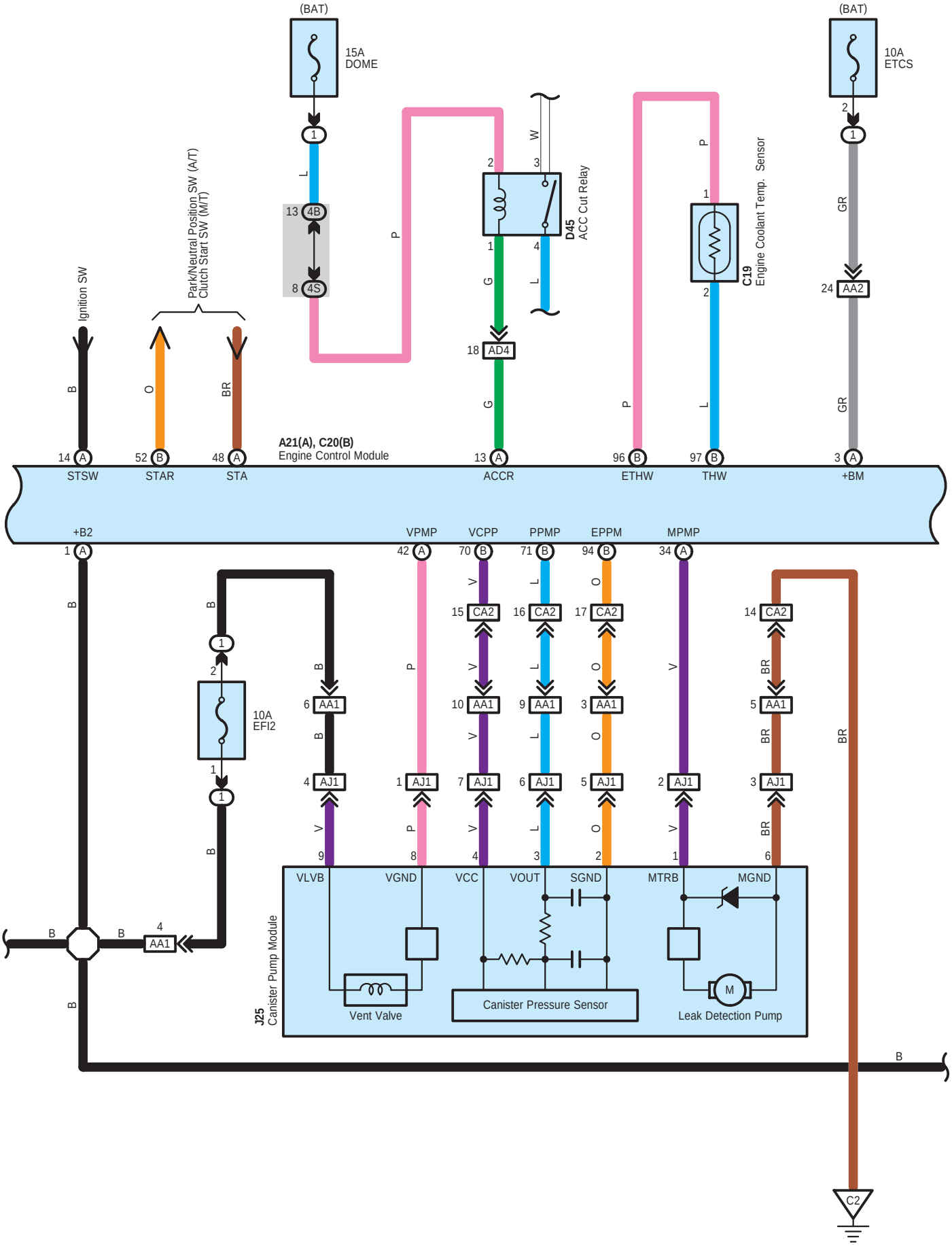
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	

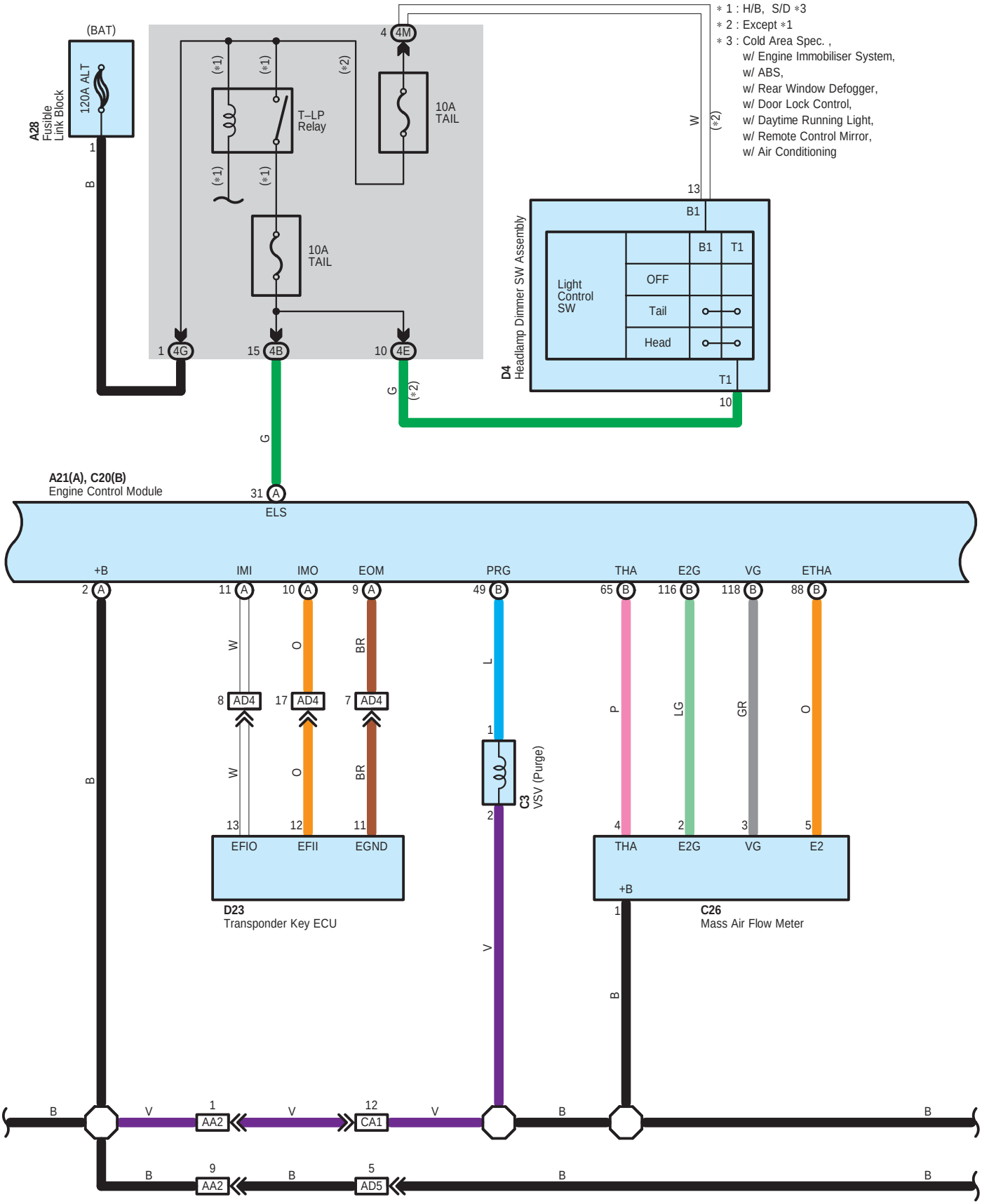
: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	

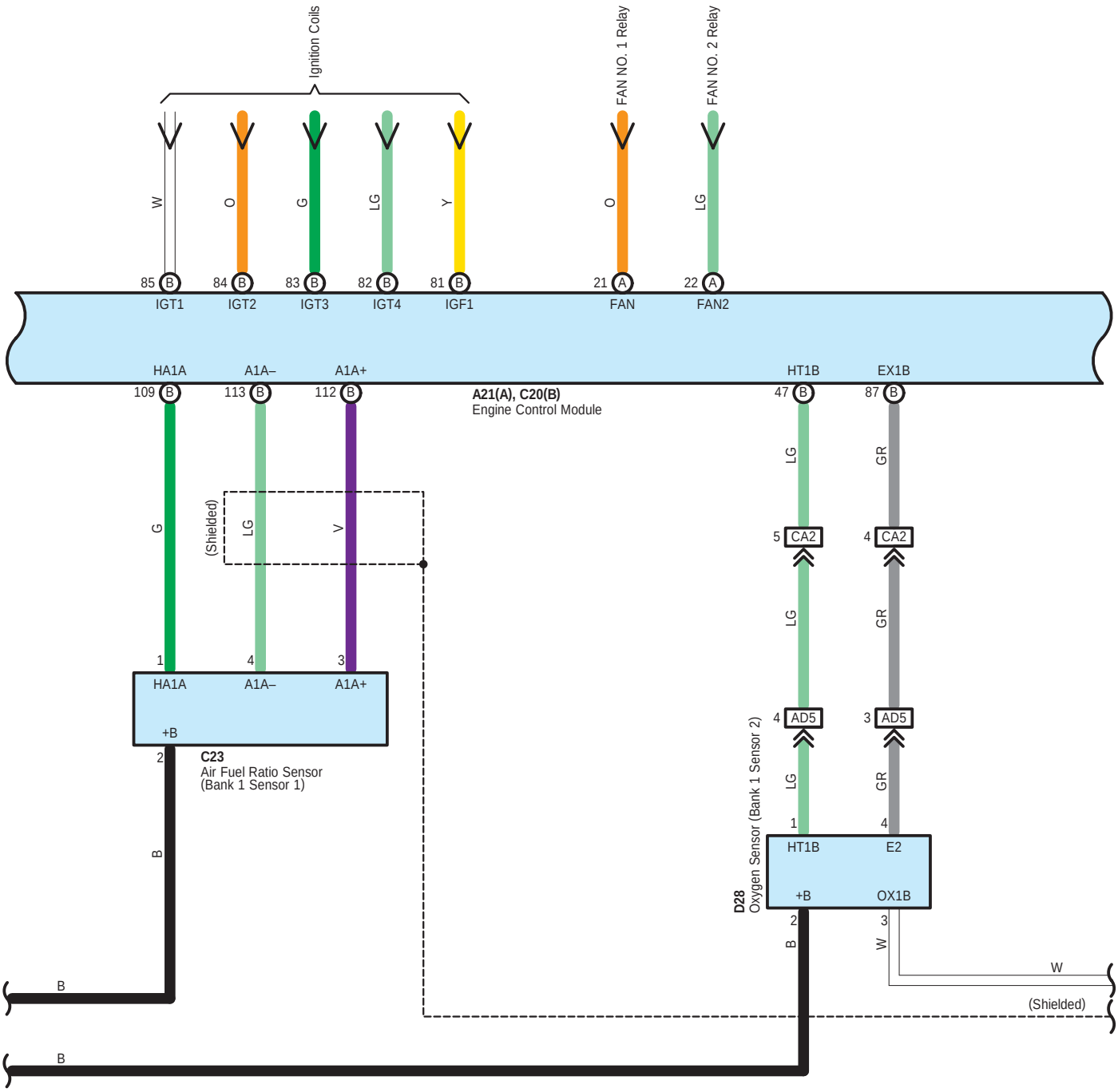

(BAT)
20A
EFI
2
EFI
Relay
(BAT)
15A
AM2
2
IG2
Relay
5 AM2
IG2 6
ST2
D8
Ignition SW
1 1A
4 1A
3 1A
2 1A
3 1B
2 1B
4 1B
1 1B
Y
B
W–B
GR
W–B
P
R
GR
GR
P
14 AA2
11 CA1
4 AD2
5 AD4
P
P
R
LG
R
BR
R
1
2
C4
Fuel Injector (No. 1)
C5
Fuel Injector (No. 2)
C6
Fuel Injector (No. 3)
C7
Fuel Injector (No. 4)
SB
GR
P
L
P
GR
SB
GR
B
Y
W–B
W–B
A1

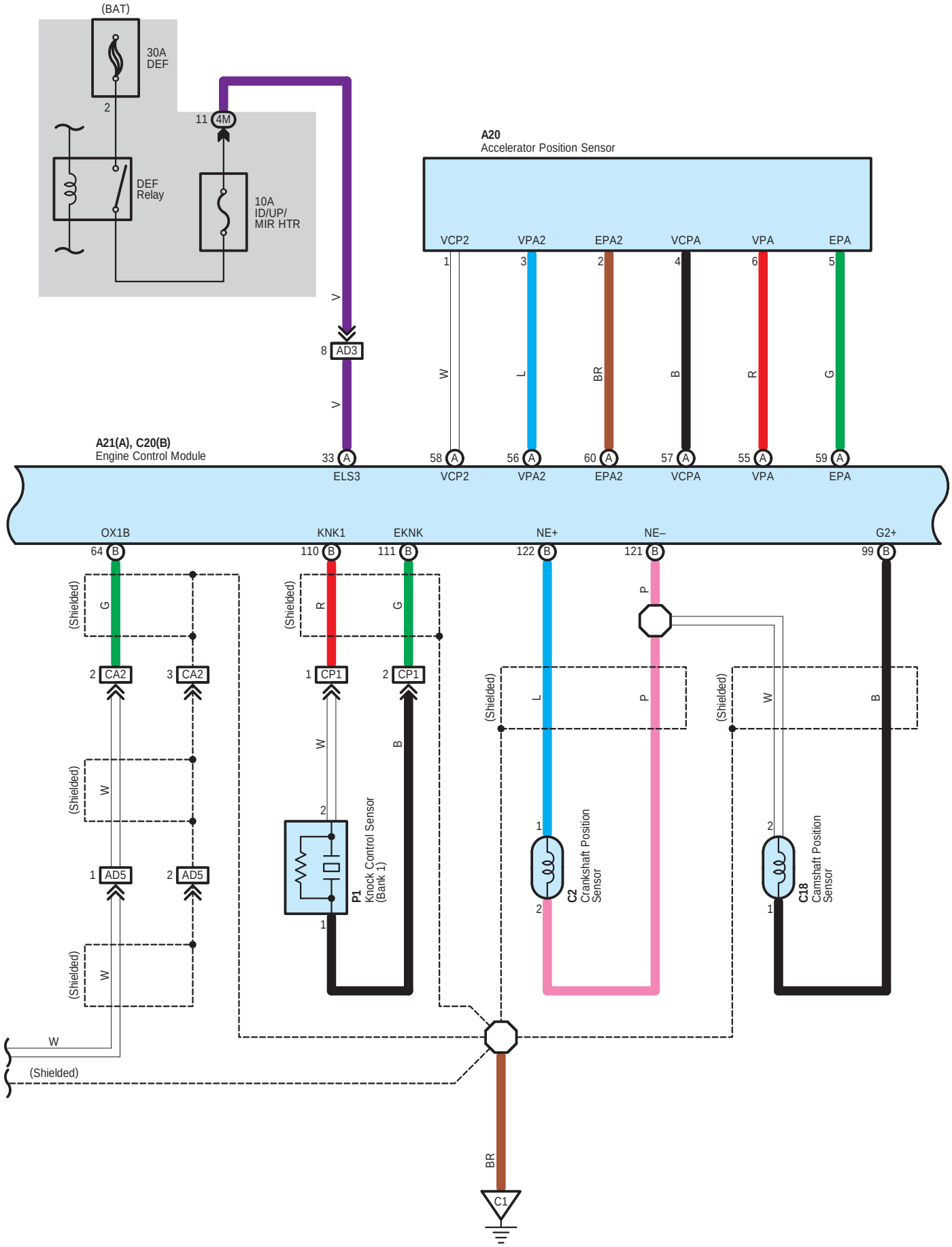

(IG)
7. 5A
IGN
C/OPN
Relay
27 4B
9 4B
5 4E
11 4B
8 4A
(BAT)
10A
STOP
18 4B
P
B
3
2
A13
Stop Lamp SW
4
1
Y
G
A21(A), C20(B)
Engine Control Module
35 A
36 A
ST1–
STP
FC
IGSW
#40
#30
#20
#10
MREL
BATT
7 A
28 A
105 B
106 B
107 B
108 B
44 A
20 A
V
R
L
P
GR
SB
GR
Y
12 AD4
4
M
Pump
5
J5
Fuel Suction Pump and
Gage Assembly
W–B
W–B
L
P
GR
SB
GR
B
B
B
B
Y
J1

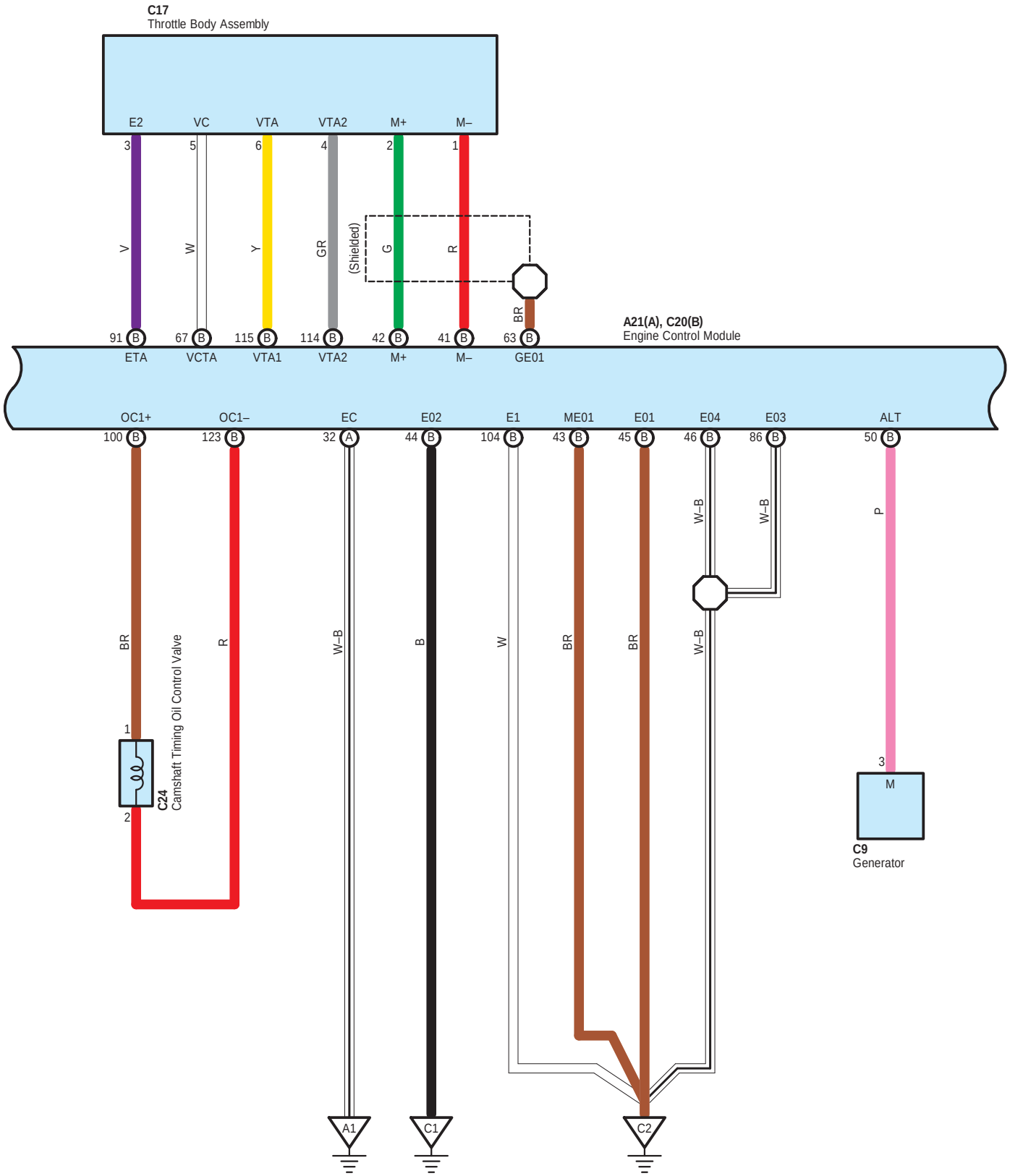

(BAT)
15A
DOME
(BAT)
10A
ETCS
D45
ACC Cut Relay
C19
Engine Coolant Temp. Sensor
Ignition SW
Park/Neutral Position SW (A/T)
Clutch Start SW (M/T)
A21(A), C20(B)
Engine Control Module
STSW
STAR
STA
ACCR
ETHW
THW
+BM
+B2
10A
EFI2
VPMP
VCPP
PPMP
EPPM
MPMP
VLVB
VGND
VCC
VOUT
SGND
MTRB
MGND
J25
Canister Pump Module
Vent Valve
Canister Pressure Sensor
Leak Detection Pump
M
C2

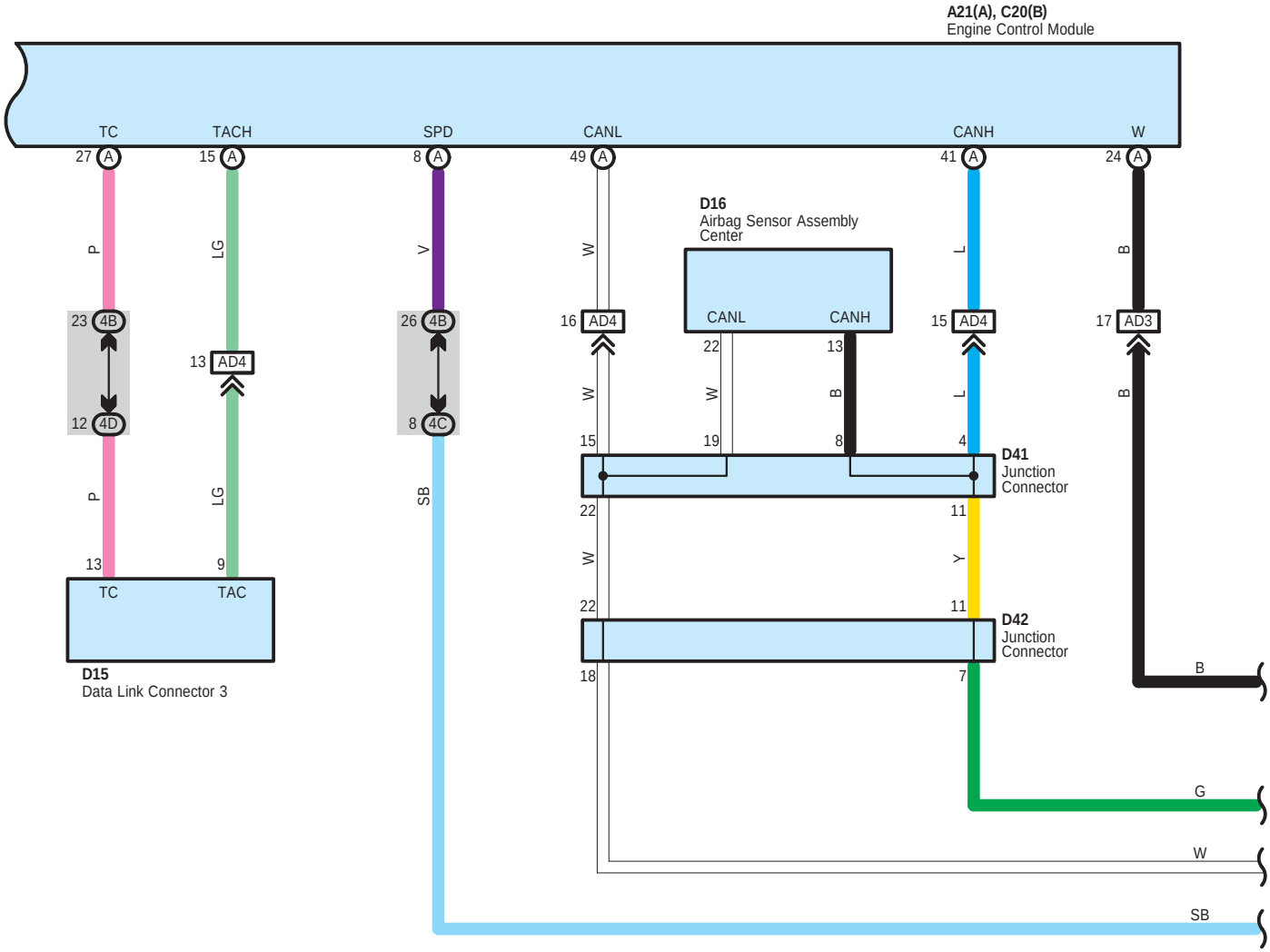


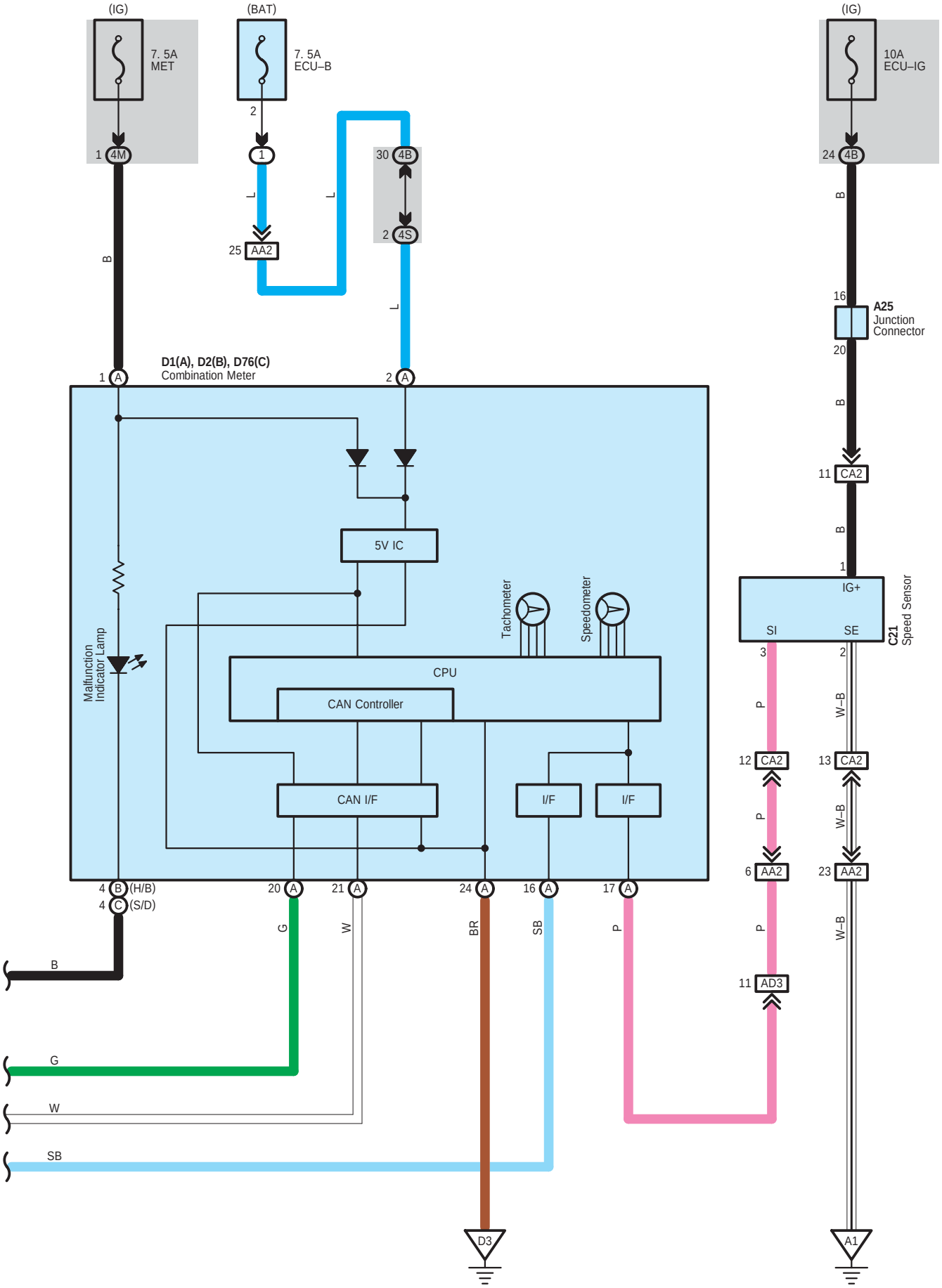
* 1 : H/B, S/D *3
* 2 : Except *1
* 3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning


Ignition Coils
FAN NO. 1 Relay
FAN NO. 2 Relay
W
O
G
LG
Y
O
LG
85 B IGT1
84 B IGT2
83 B IGT3
82 B IGT4
81 B IGF1
21 A FAN
22 A FAN2
HA1A
A1A–
A1A+
HT1B
EX1B
109 B
113 B
112 B
47 B
87 B
A21(A), C20(B)
Engine Control Module
G
(Shielded)
LG
V
LG
GR
5 CA2
4 CA2
LG
GR
1
4
3
HA1A
A1A–
A1A+
+B
2
C23
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
B
4 AD5
3 AD5
LG
GR
1
4
HT1B
E2
+B
OX1B
D28
Oxygen Sensor (Bank 1 Sensor 2)
2
3
B
W
W
(Shielded)
B
B


(BAT)
30A
DEF
2
11
4M
DEF
Relay
10A
ID/UP/
MIR HTR
A20
Accelerator Position Sensor
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
V
8
AD3
V
W
L
BR
B
R
G
A21(A), C20(B)
Engine Control Module
33
58
56
60
57
55
59
ELS3
VCP2
VPA2
EPA2
VCPA
VPA
EPA
OX1B
KNK1
EKNK
NE+
NE–
G2+
64
110
111
122
121
99
(Shielded)
G
R
G
P
L
P
W
B
2
CA2
3
CA2
1
CP1
2
CP1
1
AD5
2
AD5
P1
Knock Control Sensor
(Bank 1)
C2
Crankshaft Position
Sensor
C18
Camshaft Position
Sensor
W
(Shielded)
BR
C1


C17
Throttle Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
V
W
Y
GR
G
R
(Shielded)
BR
91 B
67 B
115 B
114 B
42 B
41 B
63 B
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
A21(A), C20(B)
Engine Control Module
OC1+
OC1–
EC
E02
E1
ME01
E01
E04
E03
ALT
100 B
123 B
32 A
44 B
104 B
43 B
45 B
46 B
86 B
50 B
BR
R
W–B
B
W
BR
BR
W–B
W–B
P
1
2
C24
Camshaft Timing Oil Control Valve
3
M
C9
Generator
A1
C1
C2


A21(A), C20(B)
Engine Control Module
TC
TACH
SPD
CANL
CANH
W
27 A
15 A
8 A
49 A
41 A
24 A
P
LG
V
W
L
B
23 4B
12 4D
13 AD4
26 4B
8 4C
16 AD4
15 AD4
17 AD3
D16
Airbag Sensor Assembly
Center
CANL
CANH
22
13
W
B
19
8
15
4
D41
Junction
Connector
22
11
Y
22
11
D42
Junction
Connector
18
7
13
9
TC
TAC
D15
Data Link Connector 3
SB
B
G
W
SB


(IG)
7. 5A
MET
1 4M
B
(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
30 4B
2 4S
L
(IG)
10A
ECU–IG
24 4B
B
16
A25
Junction
Connector
20
B
11 CA2
B
1
IG+
SI
SE
C21
Speed Sensor
3
2
P
W–B
12 CA2
13 CA2
P
W–B
6 AA2
23 AA2
P
W–B
11 AD3
D1(A), D2(B), D76(C)
Combination Meter
1 A
2 A
5V IC
Tachometer
Speedometer
Malfunction
Indicator Lamp
CPU
CAN Controller
CAN I/F
I/F
I/F
4 B (H/B)
4 C (S/D)
20 A
21 A
24 A
16 A
17 A
B
G
W
SB
G
W
BR
SB
P
D3
A1

System Outline

1. Electronic Fuel Injection

It controls to have appropriate fuel injection according to the basic injection time. The basic injection time is calculated to fit the engine condition and is corrected with signals from various sensors.

2. Electronic Spark Advance

Appropriate ignition is conducted according to the basic ignition timing which is calculated to fit the engine condition after correcting it with signals from various sensors.

3. Electronic Throttle Control System–intelligent

It controls to have appropriate throttle opening according to the throttle opening calculated to fit the engine condition after correcting it with signals from various sensors.

4. Variable Valve Timing–intelligent

It improves engine output, reduces exhaust gas and improves fuel consumption by varying the phase of the intake camshaft in accordance with the engine condition.

5. Electric Fan Control

It controls the switching ON/OFF and fan speed of the cooling fan according to the coolant temperature and air conditioner's condition.

6. Fuel Pump Control

It turns ON/OFF the fuel pump according to the starter signal and engine speed signal. It stops the fuel pump operation according to signals from the airbag sensor assembly center.

7. Air Conditioning Cut–Off Control

It reduces load of the air conditioner's compressor in acceleration in order to secure the drivability.

8. Canister Purge Control

It controls the purge flow volume of the canister according to the coolant temperature and driving condition.

9. Cranking Hold Control

It continues to supply electricity to the starter between the start of cranking and the engine start in order to prevent the engine start failure by the key's switching off just before the engine's complete explosion.

10. Oxygen Sensor Control

It switches ON/OFF the oxygen sensor according to the coolant temperature and driving condition.

11. Diagnosis

It realizes accurate and detailed diagnosis of a failure such as calling the SAE specified diagnosis code data and active test by using the diagnosis tool.

12. Fail–Safe

When the engine control module detects abnormality in signals of the sensors, it stops or continues to control the engine by using the standard values in the engine control module.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A13	50 (H/B)	C17	47 (H/B)	D15	53 (S/D)
	52 (S/D)		49 (S/D)	D16	51 (H/B)
A20	50 (H/B)	C18	47 (H/B)		53 (S/D)
	52 (S/D)		49 (S/D)	D23	51 (H/B)
A21 A	46 (H/B)	C19	47 (H/B)		53 (S/D)
	48 (S/D)		49 (S/D)	D28	51 (H/B)
A25	46 (H/B)	C20 B	47 (H/B)		53 (S/D)
	48 (S/D)		49 (S/D)	D41	51 (H/B)
A28	43, 46 (H/B)	C21	47 (H/B)		53 (S/D)
	43, 48 (S/D)		49 (S/D)	D42	51 (H/B)
C2	47 (H/B)	C23	47 (H/B)		53 (S/D)
	49 (S/D)		49 (S/D)	D45	51 (H/B)
C3	47 (H/B)	C24	47 (H/B)		53 (S/D)
	49 (S/D)		49 (S/D)	D76 C	53 (S/D)
C4	47 (H/B)	C26	47 (H/B)	J5	55 (5–Door)
	49 (S/D)		49 (S/D)		57 (3–Door)
C5	47 (H/B)	D1 A	51 (H/B)		59 (4–Door)
	49 (S/D)		53 (S/D)	J25	55 (5–Door)
C6	47 (H/B)	D2 B	51 (H/B)		57 (3–Door)
	49 (S/D)	D4	51 (H/B)		59 (4–Door)
C7	47 (H/B)		53 (S/D)	P1	47 (H/B)
	49 (S/D)	D8	51 (H/B)		49 (S/D)
C9	47 (H/B)		53 (S/D)		
	49 (S/D)	D15	51 (H/B)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

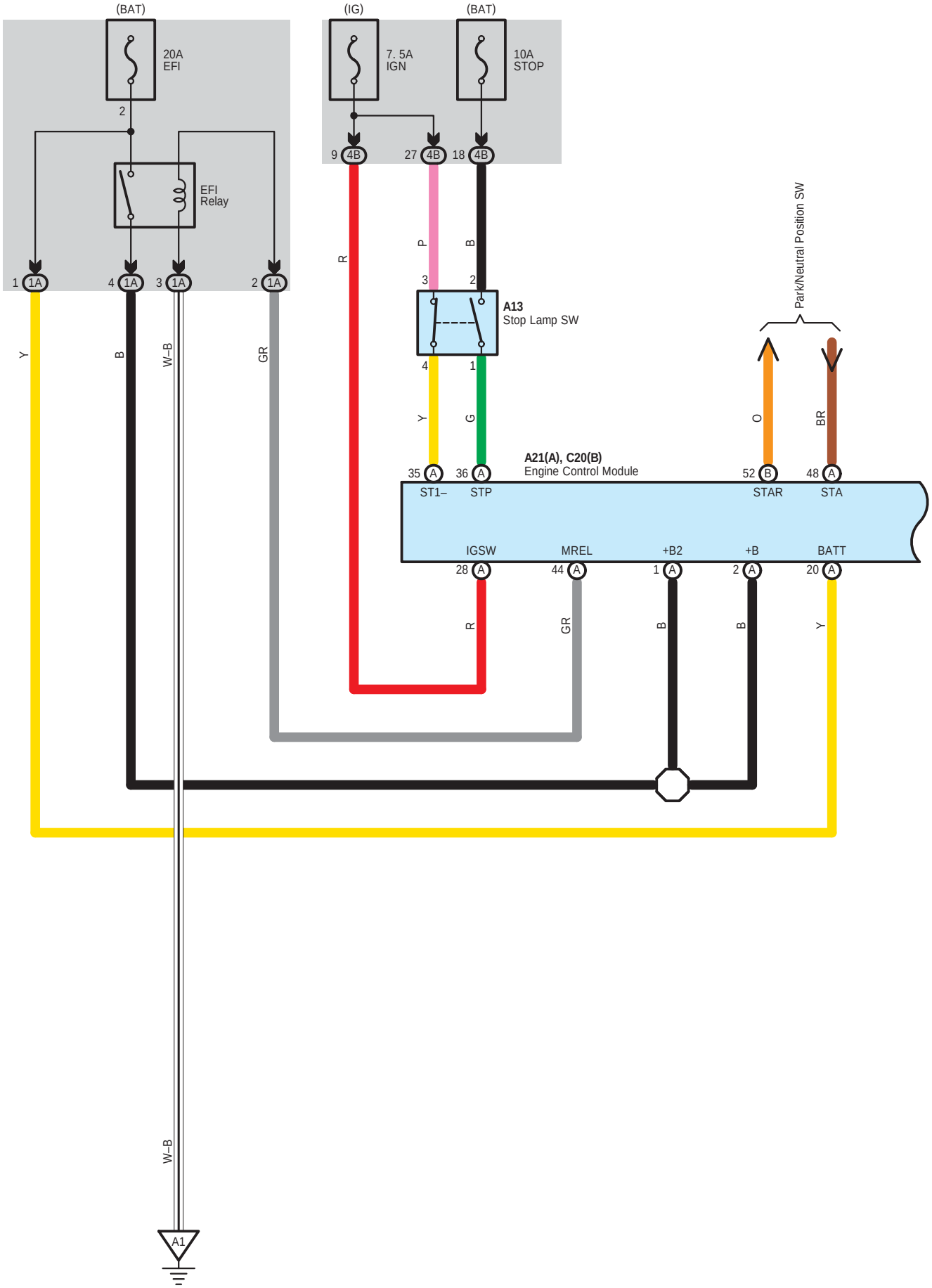
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1B		
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4E		
4G	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		

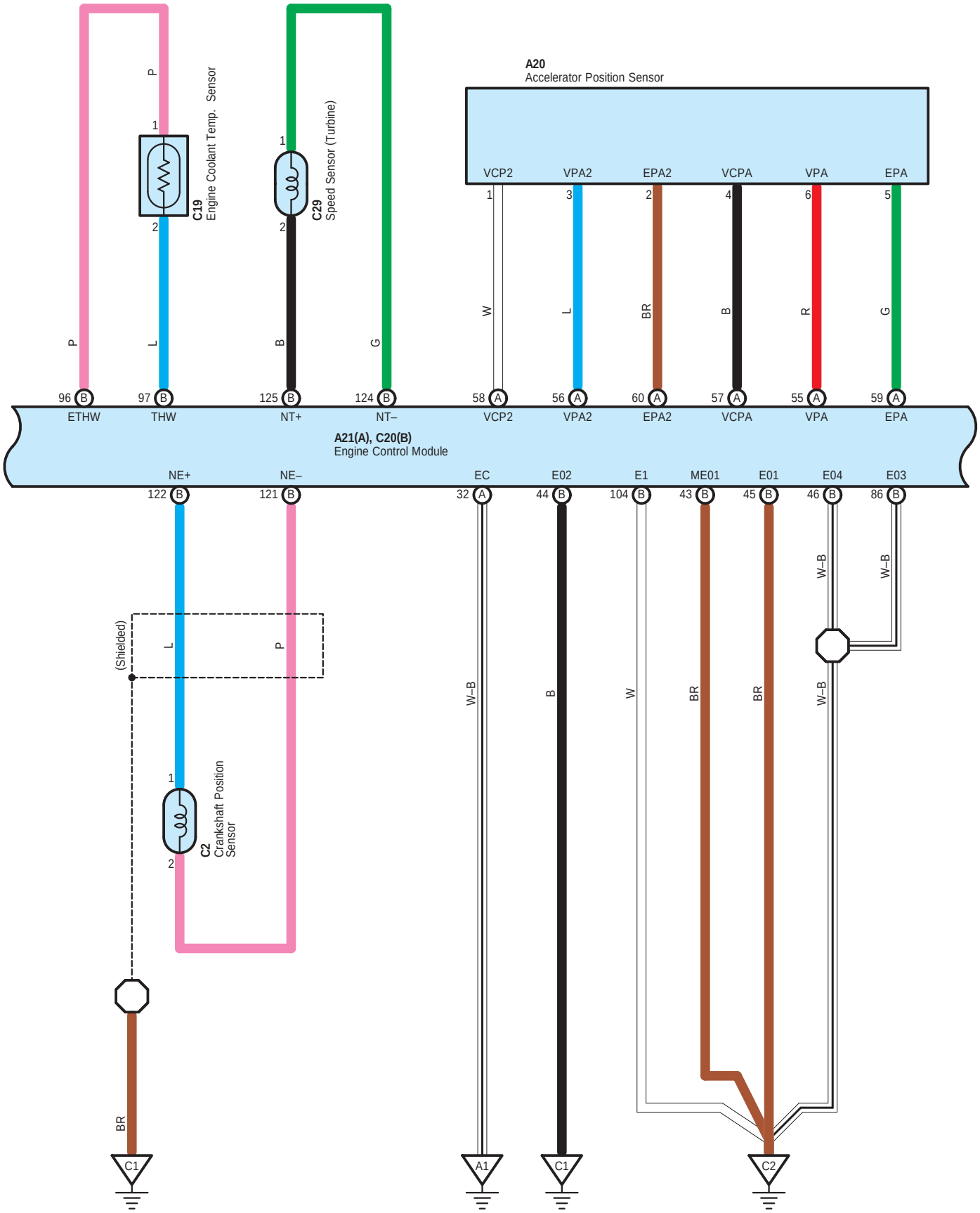
: **Connector Joining Wire Harness and Wire Harness**

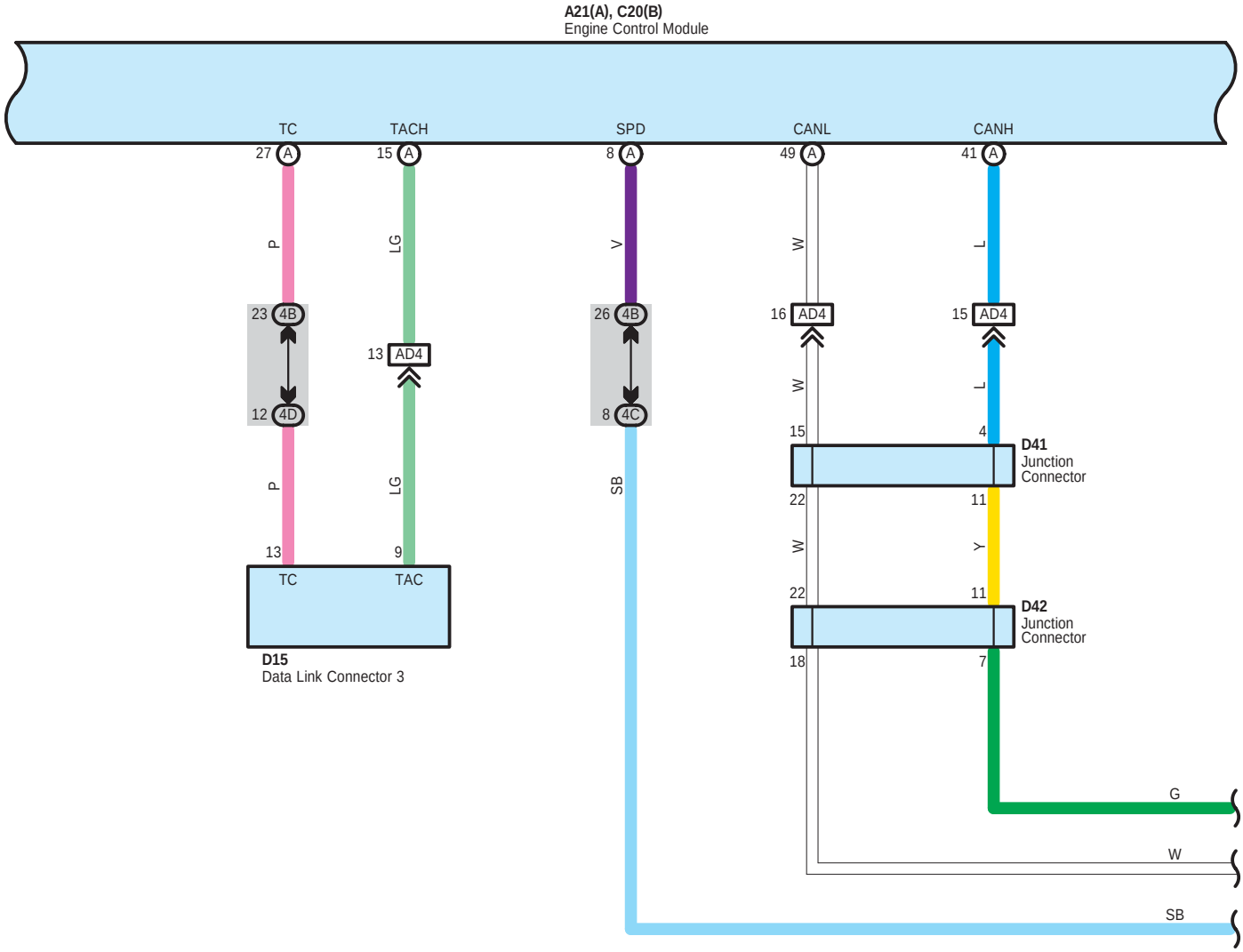
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA1	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AA2	62 (H/B)	
	63 (S/D)	
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
AD5	62 (H/B)	
	63 (S/D)	
AJ1	62 (H/B)	Engine Room Main Wire and Floor Wire (Instrument Panel Left)
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA2	60 (H/B)	
	61 (S/D)	
CP1	60 (H/B)	Engine Wire and Sensor Wire (Engine Compartment Center)
	61 (S/D)	

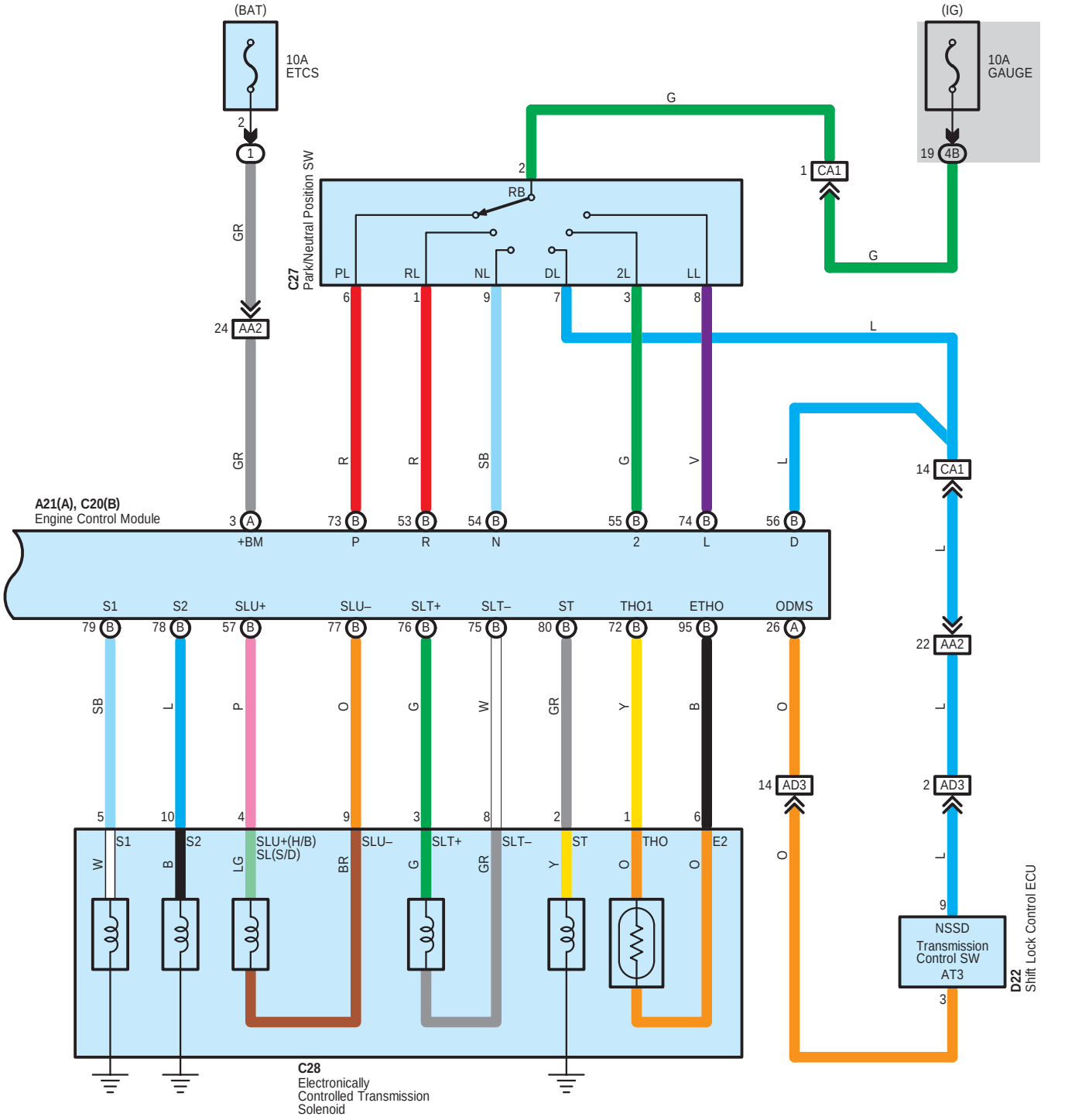
: **Ground Points**

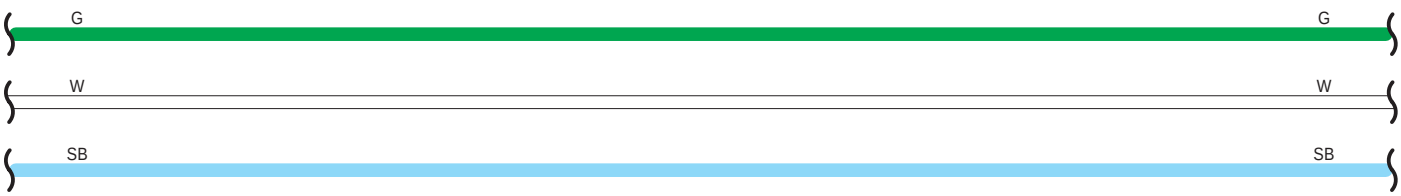
Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
C2	60 (H/B)	
	61 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right

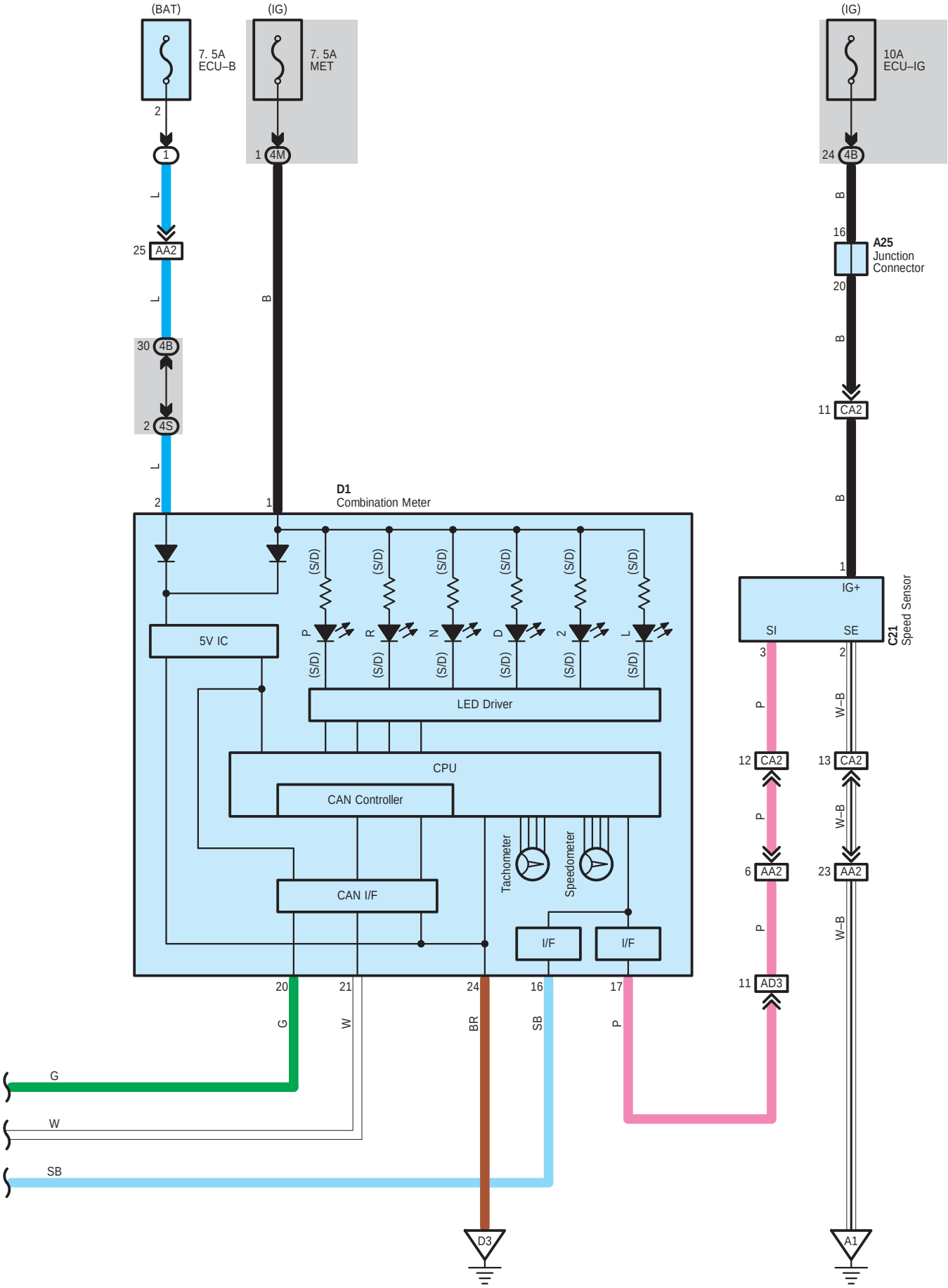

(BAT)
20A
EFI
2
EFI
Relay
1 1A
4 1A
3 1A
2 1A
(IG)
7. 5A
IGN
(BAT)
10A
STOP
9 4B
27 4B
18 4B
R
P
B
3
2
A13
Stop Lamp SW
4
1
Y
G
Park/Neutral Position SW
O
BR
A21(A), C20(B)
Engine Control Module
35 A
36 A
52 B
48 A
ST1–
STP
STAR
STA
IGSW
MREL
+B2
+B
BATT
28 A
44 A
1 A
2 A
20 A
Y
B
W–B
GR
R
B
B
Y
W–B
A1


A20
Accelerator Position Sensor
VCP2
VPA2
EPA2
VCPA
VPA
EPA
C19
Engine Coolant Temp. Sensor
C29
Speed Sensor (Turbine)
96 ETHW
97 THW
125 NT+
124 NT–
58 VCP2
56 VPA2
60 EPA2
57 VCPA
55 VPA
59 EPA
A21(A), C20(B)
Engine Control Module
NE+
NE–
EC
E02
E1
ME01
E01
E04
E03
122
121
32
44
104
43
45
46
86
(Shielded)
C2
Crankshaft Position Sensor
C1
A1
C2


A21(A), C20(B)
Engine Control Module
TC
TACH
SPD
CANL
CANH
27 A
15 A
8 A
49 A
41 A
P
LG
V
W
L
23 4B
12 4D
26 4B
8 4C
16 AD4
15 AD4
13 AD4
W
L
15
4
D41
Junction
Connector
22
11
W
Y
22
11
D42
Junction
Connector
18
7
P
LG
SB
13
9
TC
TAC
D15
Data Link Connector 3
G
W
SB


(BAT)
10A
ETCS
(IG)
10A
GAUGE
C27
Park/Neutral Position SW
PL
RL
NL
DL
2L
LL
RB
CA1
AA2
A21(A), C20(B)
Engine Control Module
+BM
P
R
N
2
L
D
S1
S2
SLU+
SLU–
SLT+
SLT–
ST
THO1
ETHO
ODMS
AD3
NSSD
Transmission
Control SW
AT3
D22
Shift Lock Control ECU
C28
Electronically
Controlled Transmission
Solenoid
SLU+(H/B)
SL(S/D)
THO
E2


G
W
SB


(BAT)
(IG)
(IG)
7. 5A
ECU–B
7. 5A
MET
10A
ECU–IG
2
1
1
4M
24
4B
L
B
B
16
A25
Junction
Connector
20
25
AA2
L
B
30
4B
2
4S
L
11
CA2
B
2
1
D1
Combination Meter
1
IG+
SI
SE
C21
Speed Sensor
3
2
5V IC
(S/D)
P
R
N
D
2
L
LED Driver
CPU
CAN Controller
CAN I/F
Tachometer
Speedometer
I/F
I/F
P
W–B
12
CA2
13
CA2
P
W–B
6
AA2
23
AA2
P
W–B
11
AD3
20
21
24
16
17
G
W
BR
SB
P
G
W
SB
D3
A1

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A13	50 (H/B)	C19	49 (S/D)	D1	51 (H/B)
	52 (S/D)	C20 B	47 (H/B)		53 (S/D)
A20	50 (H/B)		49 (S/D)	D15	51 (H/B)
	52 (S/D)	C21	47 (H/B)		53 (S/D)
A21 A	46 (H/B)		49 (S/D)	D22	51 (H/B)
	48 (S/D)	C27	47 (H/B)		53 (S/D)
A25	46 (H/B)		49 (S/D)	D41	51 (H/B)
	48 (S/D)	C28	47 (H/B)		53 (S/D)
C2	47 (H/B)		49 (S/D)	D42	51 (H/B)
	49 (S/D)	C29	47 (H/B)		53 (S/D)
C19	47 (H/B)		49 (S/D)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

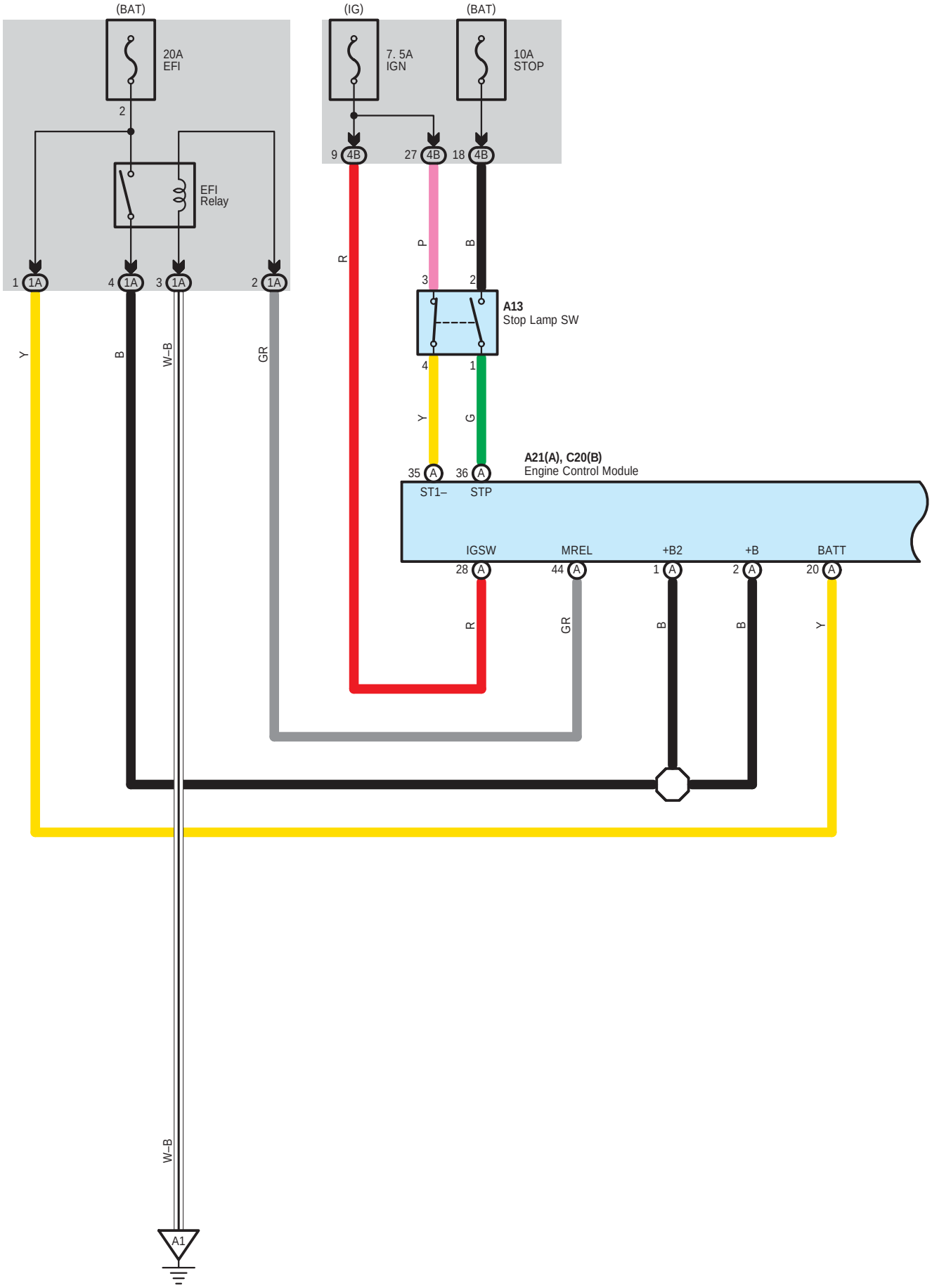
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4M	31	
4S		

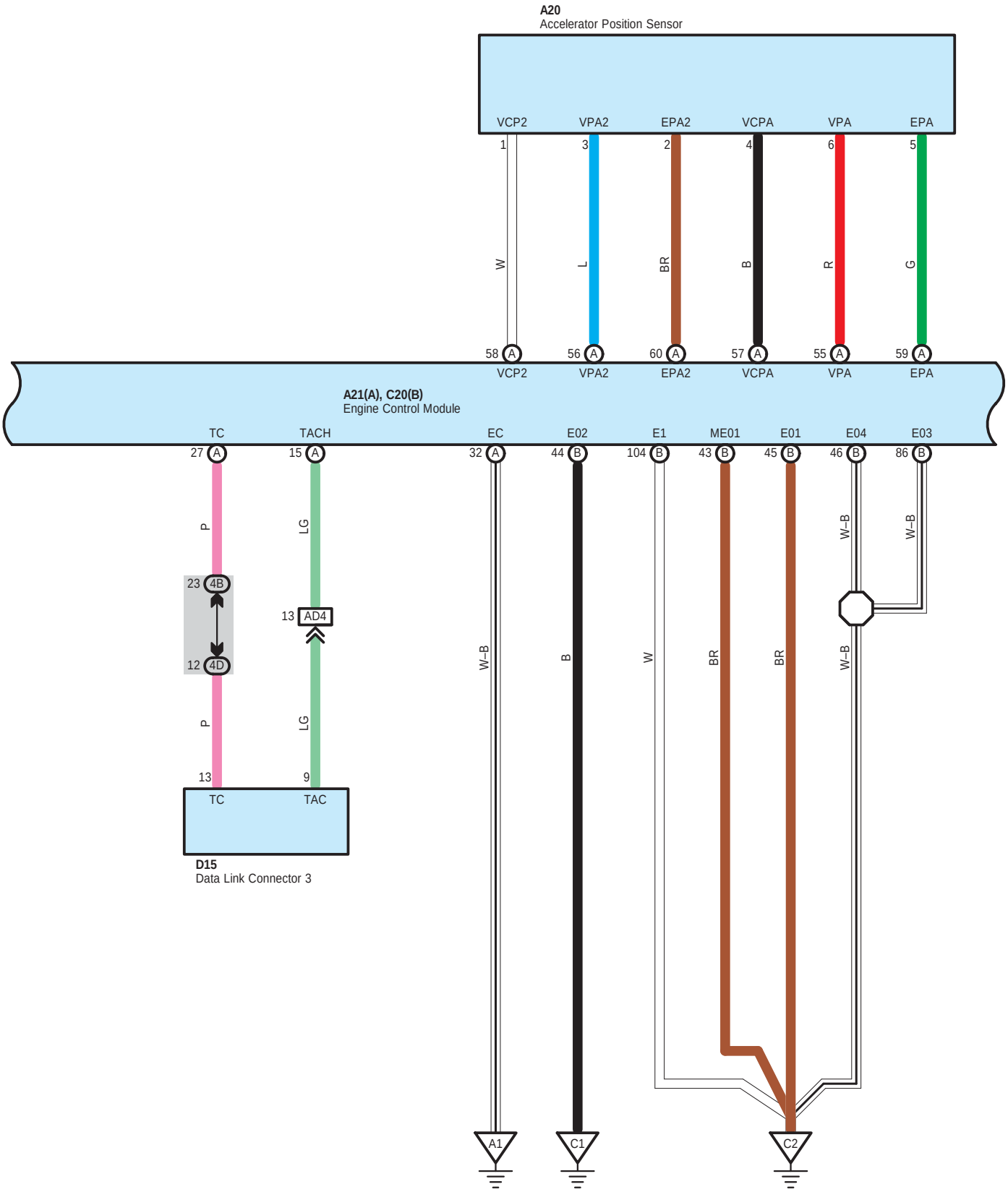
: Connector Joining Wire Harness and Wire Harness

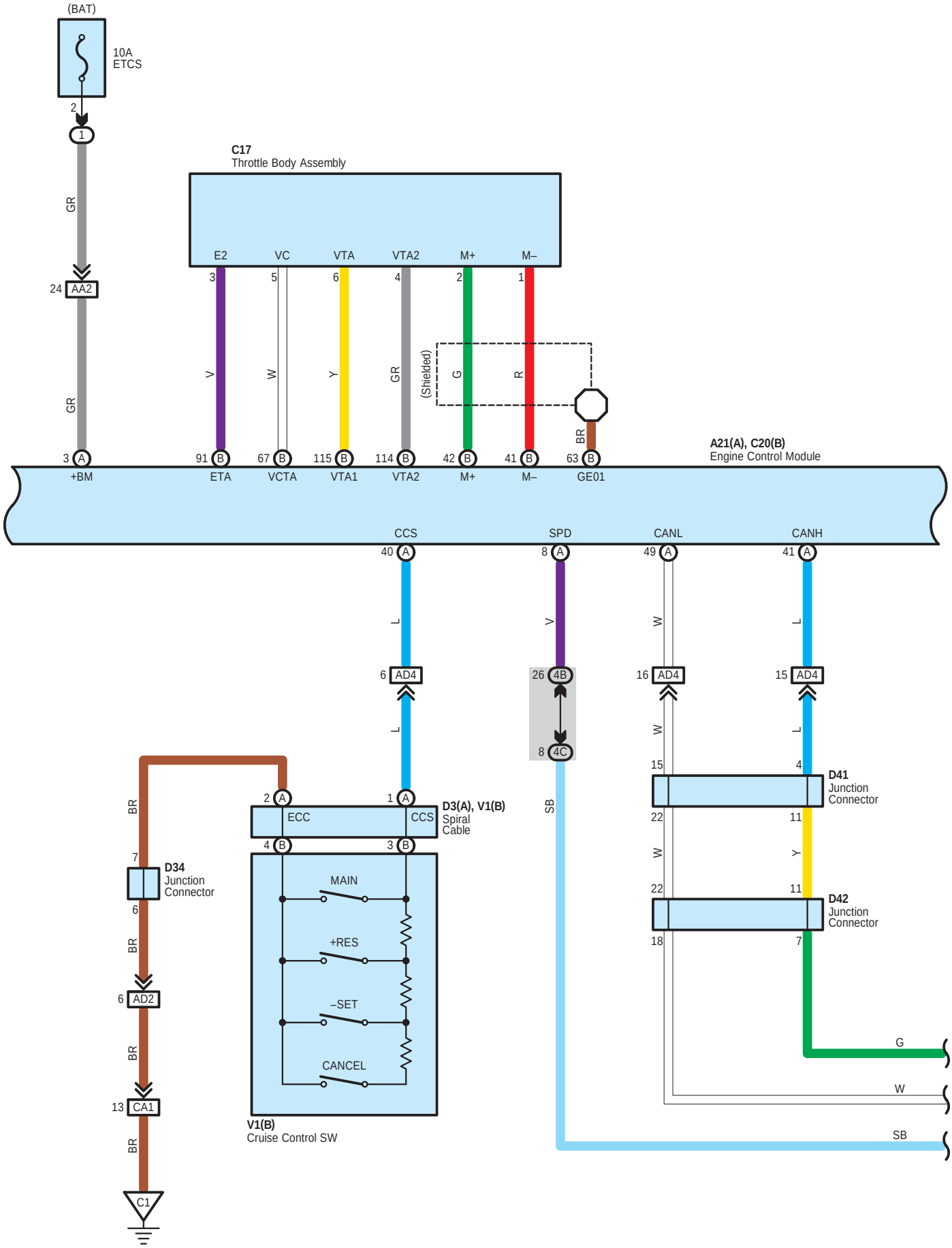
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA2	60 (H/B)	
	61 (S/D)	

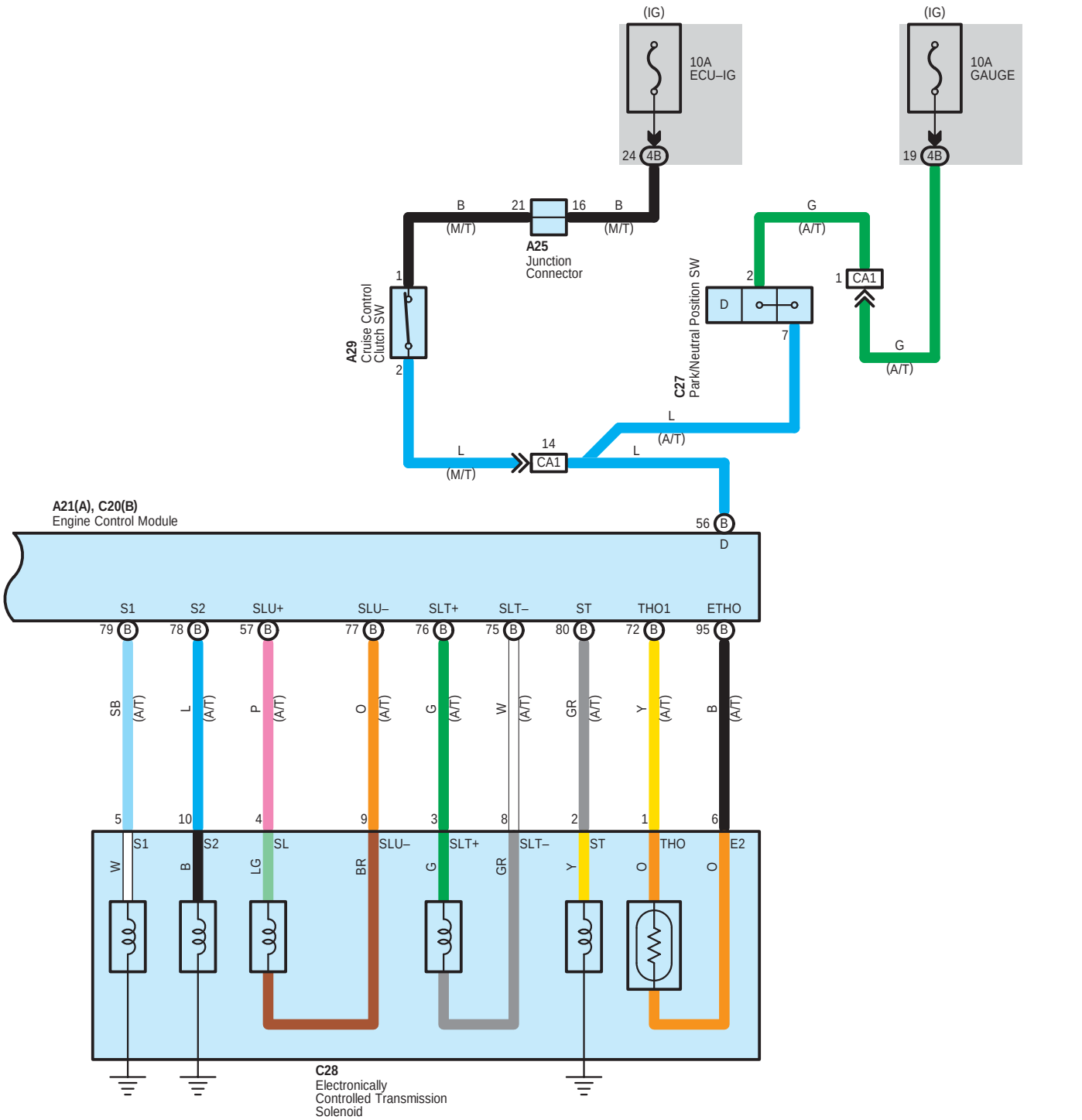
: Ground Points

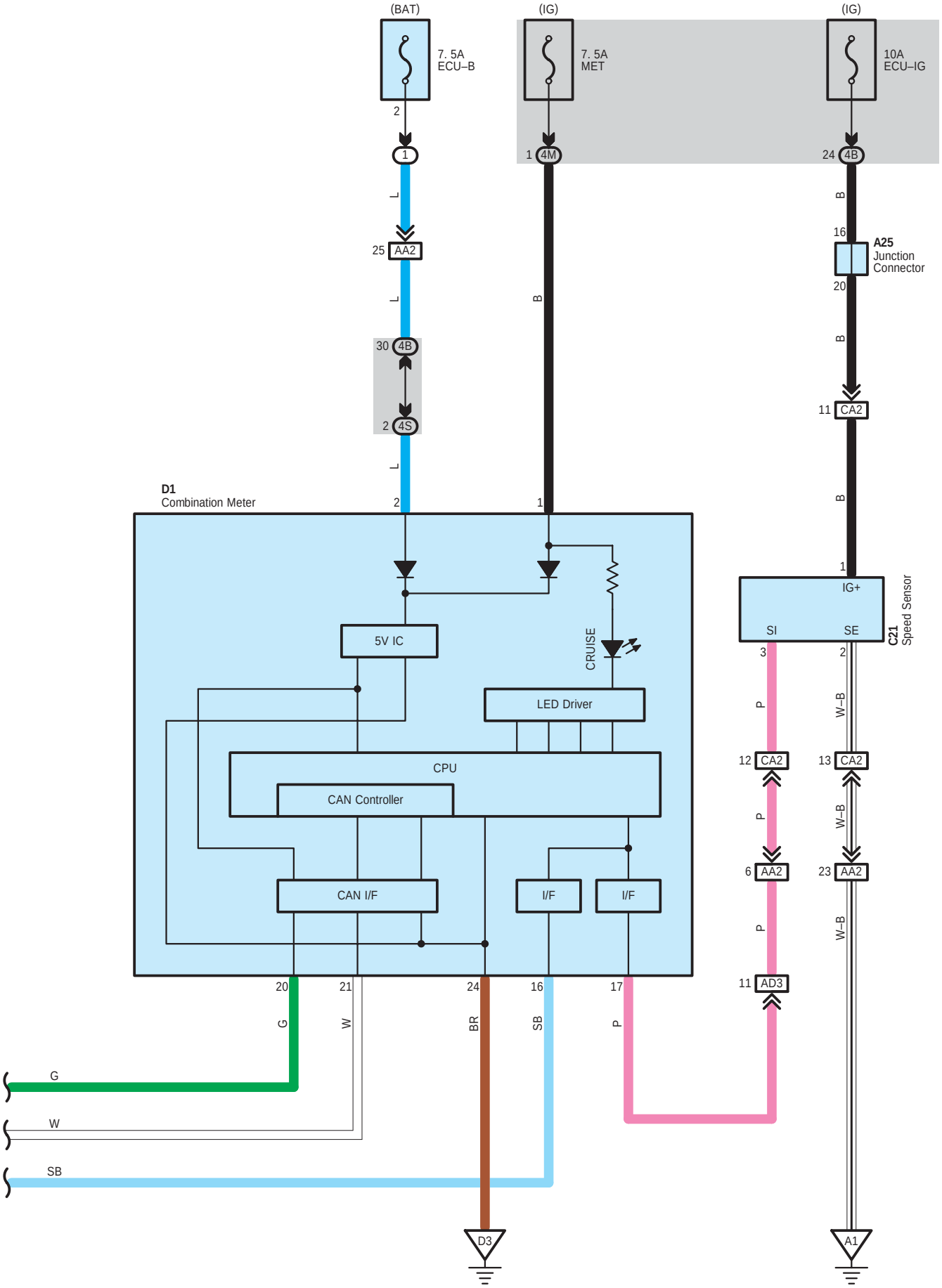
Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
C2	60 (H/B)	
	61 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


(BAT)
20A
EFI
2
EFI
Relay
1 1A
4 1A
3 1A
2 1A
(IG)
7. 5A
IGN
(BAT)
10A
STOP
9 4B
27 4B
18 4B
R
P
B
3
2
A13
Stop Lamp SW
4
1
Y
G
35 A
36 A
ST1–
STP
A21(A), C20(B)
Engine Control Module
IGSW
MREL
+B2
+B
BATT
28 A
44 A
1 A
2 A
20 A
R
GR
B
B
Y
Y
B
W–B
GR
W–B
A1


A20
Accelerator Position Sensor
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
W
L
BR
B
R
G
58 A
56 A
60 A
57 A
55 A
59 A
VCP2
VPA2
EPA2
VCPA
VPA
EPA
A21(A), C20(B)
Engine Control Module
TC
TACH
EC
E02
E1
ME01
E01
E04
E03
27 A
15 A
32 A
44 B
104 B
43 B
45 B
46 B
86 B
P
LG
W-B
B
W
BR
BR
W-B
W-B
23 4B
12 4D
13 AD4
P
LG
13
9
TC
TAC
D15
Data Link Connector 3
A1
C1
C2


(BAT)
10A
ETCS
2
1
GR
24 AA2
GR
3 A
+BM
C17
Throttle Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
V
W
Y
GR
G
R
(Shielded)
BR
91 B
ETA
67 B
VCTA
115 B
VTA1
114 B
VTA2
42 B
M+
41 B
M–
63 B
GE01
A21(A), C20(B)
Engine Control Module
CCS
SPD
CANL
CANH
40 A
8 A
49 A
41 A
L
V
W
L
6 AD4
26 4B
16 AD4
15 AD4
8 4C
15
4
D41
Junction
Connector
22
11
Y
22
11
D42
Junction
Connector
18
7
G
W
SB
BR
2 A
1 A
D3(A), V1(B)
Spiral
Cable
ECC
CCS
4 B
3 B
7
D34
Junction
Connector
6
BR
6 AD2
BR
13 CA1
BR
C1
MAIN
+RES
–SET
CANCEL
V1(B)
Cruise Control SW


(IG)
10A
ECU–IG
24 4B
(IG)
10A
GAUGE
19 4B
B
(M/T)
21
16
B
(M/T)
A25
Junction
Connector
G
(A/T)
2
D
7
1 CA1
C27
Park/Neutral Position SW
G
(A/T)
1
2
A29
Cruise Control
Clutch SW
L
(A/T)
L
(M/T)
14
CA1
L
A21(A), C20(B)
Engine Control Module
56 B
D
S1
S2
SLU+
SLU–
SLT+
SLT–
ST
THO1
ETHO
79 B
78 B
57 B
77 B
76 B
75 B
80 B
72 B
95 B
SB (A/T)
L (A/T)
P (A/T)
O (A/T)
G (A/T)
W (A/T)
GR (A/T)
Y (A/T)
B (A/T)
5
10
4
9
3
8
2
1
6
S1
S2
SL
SLU–
SLT+
SLT–
ST
THO
E2
W
B
LG
BR
G
GR
Y
O
O
C28
Electronically
Controlled Transmission
Solenoid
G
G
W
W
SB
SB


(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
30 4B
2 4S
L
2
D1
Combination Meter
(IG)
7. 5A
MET
1 4M
B
1
(IG)
10A
ECU–IG
24 4B
B
16
A25
Junction
Connector
20
B
11 CA2
B
1
IG+
SI
SE
C21
Speed Sensor
3
2
P
W–B
12 CA2
13 CA2
P
W–B
6 AA2
23 AA2
P
W–B
11 AD3
5V IC
CRUISE
LED Driver
CPU
CAN Controller
CAN I/F
I/F
I/F
20
21
24
16
17
G
W
BR
SB
P
G
W
SB
D3
A1

System Outline

The cruise control system is a constant vehicle speed controller in which control of the switch on the instrument panel makes it possible to automatically adjust the opening of the engine throttle valve without depressing of the accel pedal.

1. Set Operation

When the CRUISE SW is turned on and the SET SW is pushed with the vehicle speed within the set limit (Approx. 40 km/h, 25 mph to 200 km/h, 124 mph), a signal is input to TERMINAL CCS of the engine control module, and the vehicle speed at the time the SET SW is released is memorized in the ECU as the set speed.

2. Set Speed Control

During cruise control driving, the ECU compares the set speed memorized in the ECU with the actual vehicle speed input into TERMINAL SPD of the engine control module from the combination meter, and controls the throttle body assembly to maintain the set speed.

When the actual speed is lower than the set speed, the ECU causes the current to the throttle control motor to flow from TERMINAL M+ of the engine control module to TERMINAL 2 of the throttle body assembly to TERMINAL 1 to TERMINAL M– of the engine control module. As a result, the motor in the throttle control motor is rotated to open the throttle valve to increase the vehicle speed. When the actual driving speed is higher than the set speed, the current to the throttle body assembly flows from TERMINAL M– of the ECU to TERMINAL 1 of the throttle control motor to TERMINAL 2 to TERMINAL M+ of the engine control module.

This causes the motor in the throttle body assembly to rotate to close the throttle valve to decrease the vehicle speed.

3. Coast Control

During cruise control driving, while the –SET SW is on, the throttle control motor is rotated to close the throttle valve and decrease the driving speed. The vehicle speed when the –SET SW is turned off is memorized, and the vehicle continues at the new set speed.

4. Accel Control

During cruise control driving, while the +RES SW is turned on, the throttle control motor is rotated to open the throttle valve and increase the driving speed.

The vehicle speed when the +RES SW is turned off is memorized and the vehicle continues at the new set speed.

5. Resume Control

If the vehicle speed is approximately 40 km/h (25 mph) or above after canceling the set speed with the CANCEL SW, pushing the +RES SW will cause the vehicle to resume the speed set before the cancellation.

6. Manual Cancel Mechanism

If any of the following signals is input during cruise control travelling, the cruise control is cancelled.

* Depressing the clutch pedal (Cruise control clutch SW off). ”Signal is not input to TERMINAL D of the ECU” (M/T)
* Placing the shift lever to positions except ”D” position (Park/Neutral position SW except ”D” position) (A/T)
* Pushing the CANCEL SW (CANCEL SW on). ”Signal input to TERMINAL CCS of the ECU”
* Pushing the CRUISE SW off ”signal input to TERMINAL CCS of the ECU”.
* Depressing the brake pedal (Stop light SW on)

7. Tap–Up Control Function

When the difference between the actual vehicle speed and the set speed is less than 5 km/h (3 mph), the set speed can be increased 1.6 km/h (1 mph) each time by operating the +RES SW quickly within 0.6 seconds.

8. Tap–Down Control Function

When the difference between the actual vehicle speed and the set speed is less than 5 km/h (3 mph), the set speed can be lowered 1.6 km/h (1 mph) each time by operating the –SET SW quickly within 0.6 seconds.

9. Auto Cancel Function

A) If any of the following operating conditions occurs during cruise control operation, the set speed is erased and the cruise control is released, (CRUISE SW turns off).

When this occurs, the ignition SW must be turned off once before the CRUISE SW will turn on.

* When abnormality is found in the stop light SW input circuit.
* When abnormality is found in the cancel circuit.

B) If any of the following operating conditions occurs during cruise control operation, the set speed is erased and the cruise control is released. (CRUISE SW turn off).

When this occurs, the cancel state is cleared as the CRUISE SW will turn on again.

* When abnormality is found in electronic throttle parts.
* Open circuit in the stop light SW.
* Momentary interruption of vehicle speed signal.
* Short circuit in the stop light SW.

10. Overdrive Control Function

The overdrive control may be cancelled if the vehicle travels on the slope during cruise control travelling. After the overdrive control has been cancelled it is decided that the slope is finished, the vehicle returns to the overdrive control mode again.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A13	52 (S/D)	C20 B	49 (S/D)	D15	53 (S/D)
A20	52 (S/D)	C21	49 (S/D)	D34	53 (S/D)
A21 A	48 (S/D)	C27	49 (S/D)	D41	53 (S/D)
A25	48 (S/D)	C28	49 (S/D)	D42	53 (S/D)
A29	52 (S/D)	D1	53 (S/D)	V1 B	52 (S/D)
C17	49 (S/D)	D3 A	53 (S/D)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

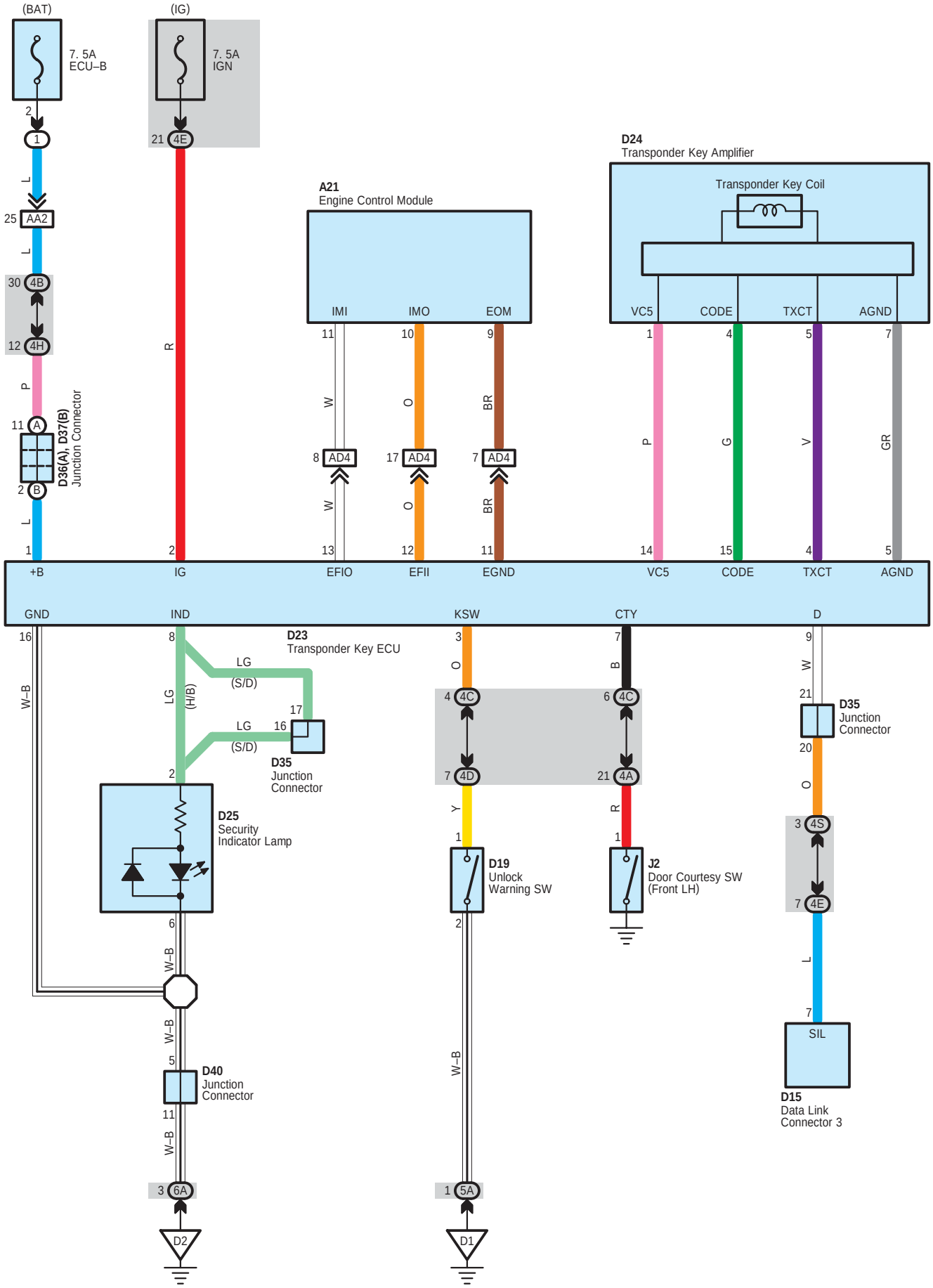
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4M	31	
4S		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
AD2	63 (S/D)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
AD3		
AD4		
CA1	61 (S/D)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
CA2		

: Ground Points

Code	See Page	Ground Points Location
A1	61 (S/D)	Left Suspension Tower
C1	61 (S/D)	Engine Block Left
C2		
D3	63 (S/D)	Instrument Panel Reinforcement Left


(BAT)
7. 5A
ECU–B
(IG)
7. 5A
IGN
A21
Engine Control Module
IMI
IMO
EOM
D24
Transponder Key Amplifier
Transponder Key Coil
VC5
CODE
TXCT
AGND
D36(A), D37(B)
Junction Connector
+B
IG
EFIO
EFII
EGND
VC5
CODE
TXCT
AGND
GND
IND
KSW
CTY
D
D23
Transponder Key ECU
D35
Junction
Connector
D25
Security
Indicator Lamp
D40
Junction
Connector
D19
Unlock
Warning SW
J2
Door Courtesy SW
(Front LH)
D35
Junction
Connector
SIL
D15
Data Link
Connector 3
D2
D1

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A21	46 (H/B)	D24	51 (H/B)	D37 B	51 (H/B)
	48 (S/D)		53 (S/D)		53 (S/D)
D15	51 (H/B)	D25	51 (H/B)	D40	51 (H/B)
	53 (S/D)		53 (S/D)		53 (S/D)
D19	51 (H/B)	D35	51 (H/B)	J2	55 (5–Door)
	53 (S/D)		53 (S/D)		57 (3–Door)
D23	51 (H/B)	D36 A	51 (H/B)		59 (4–Door)
	53 (S/D)		53 (S/D)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4E		
4H		
4S	31	
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

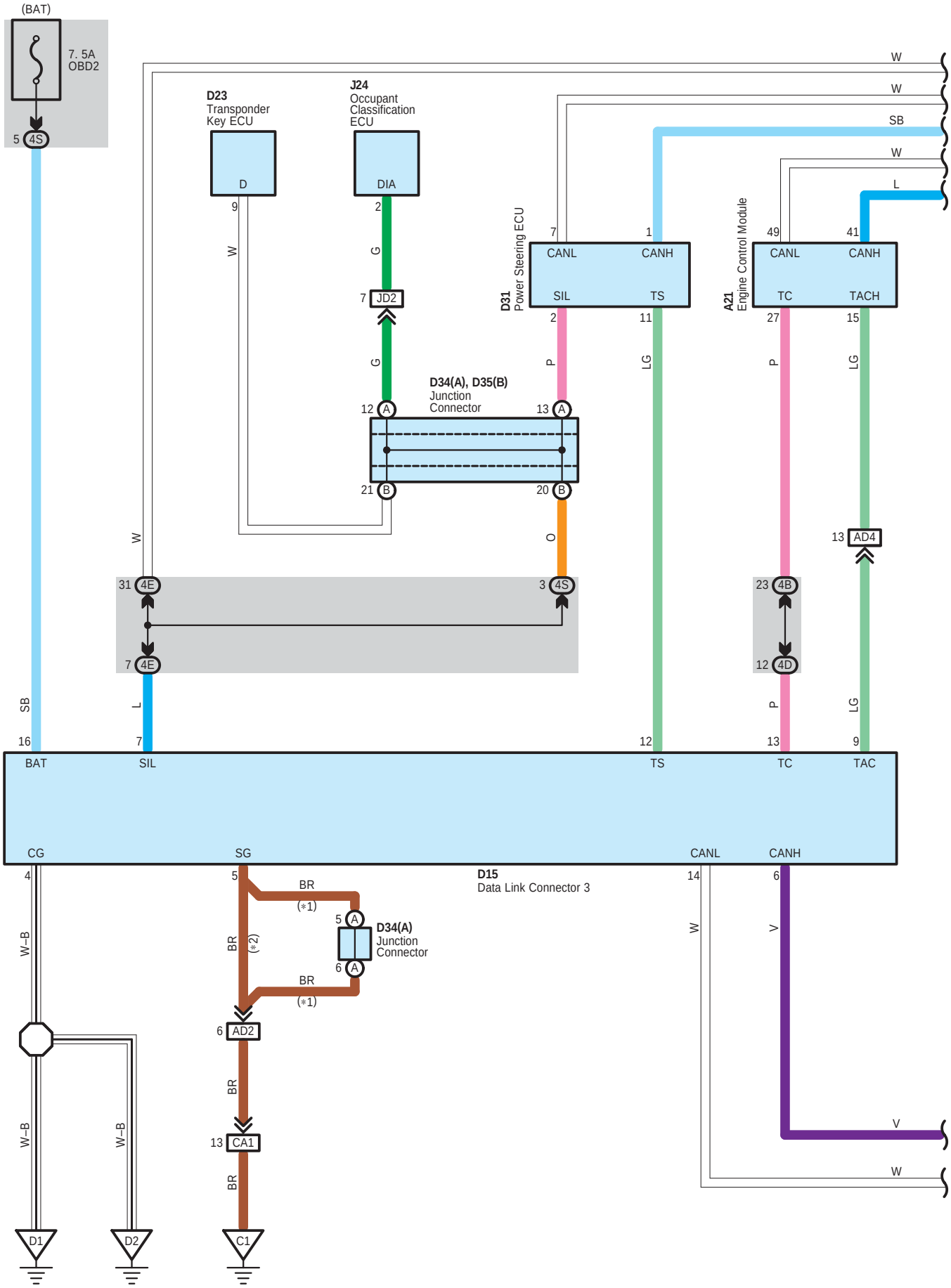
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

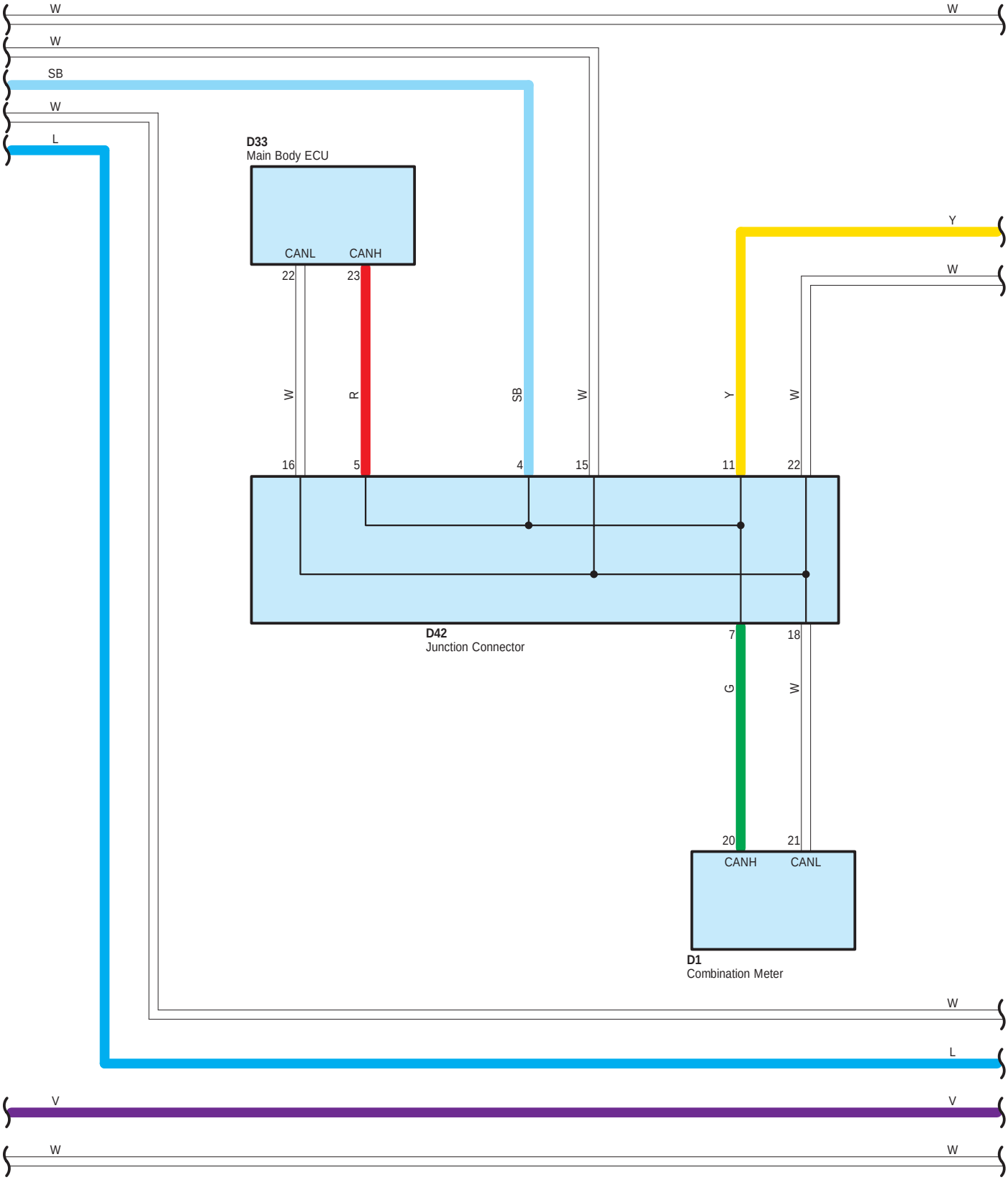
: Ground Points

Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	

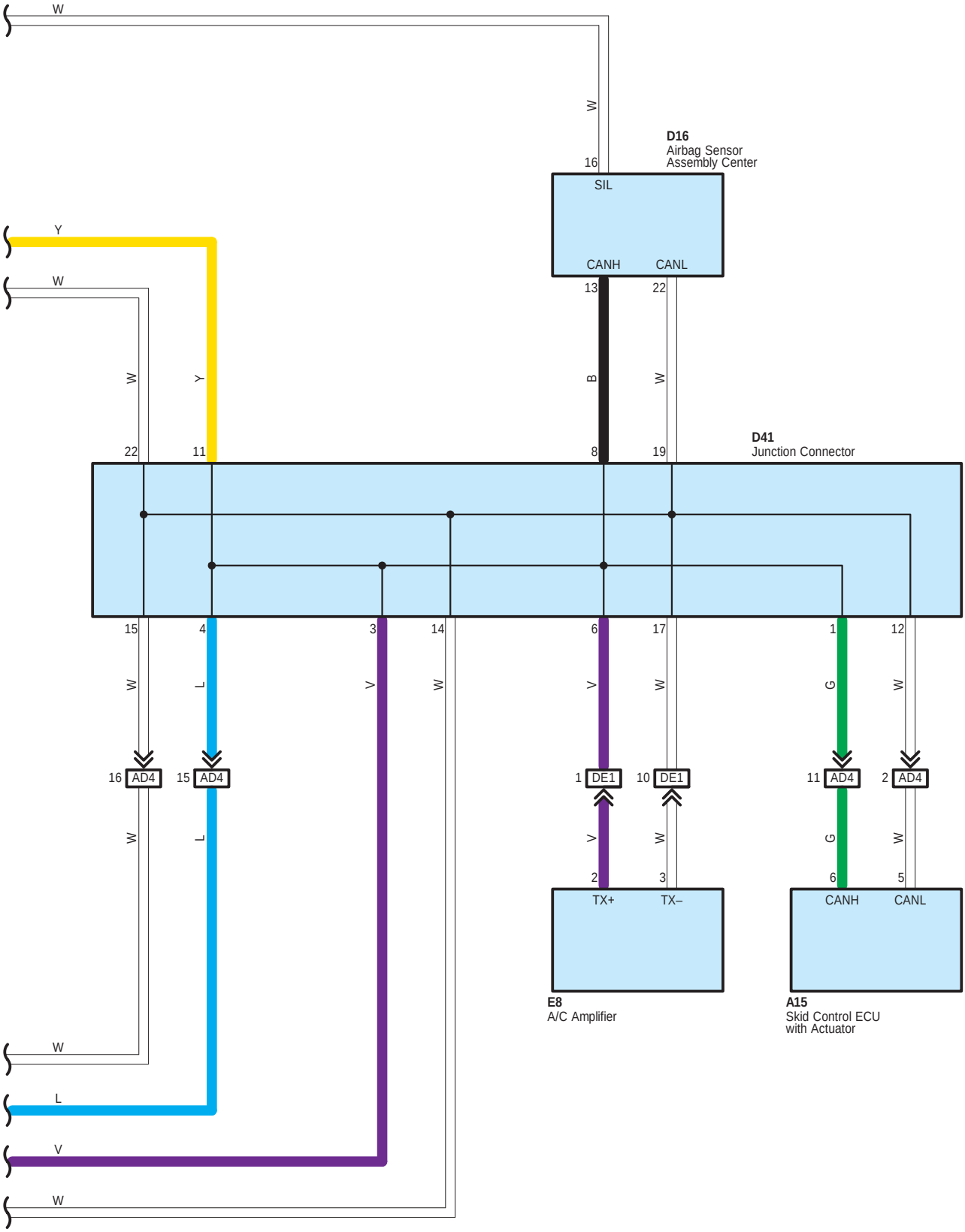
Data Link Connector 3



∗ 1 : w/ Cruise Control
∗ 2 : w/o Cruise Control



Data Link Connector 3



: Parts Location

Code	See Page	Code	See Page	Code	See Page
A15	46 (H/B)	D23	51 (H/B)	D41	51 (H/B)
	48 (S/D)		53 (S/D)		53 (S/D)
A21	46 (H/B)	D31	51 (H/B)	D42	51 (H/B)
	48 (S/D)		53 (S/D)		53 (S/D)
D1	51 (H/B)	D33	51 (H/B)	E8	50 (H/B)
	53 (S/D)		53 (S/D)		52 (S/D)
D15	51 (H/B)	D34 A	51 (H/B)	J24	55 (5–Door)
	53 (S/D)		53 (S/D)		57 (3–Door)
D16	51 (H/B)	D35 B	51 (H/B)		59 (4–Door)
	53 (S/D)		53 (S/D)		

: Junction Block and Wire Harness Connector

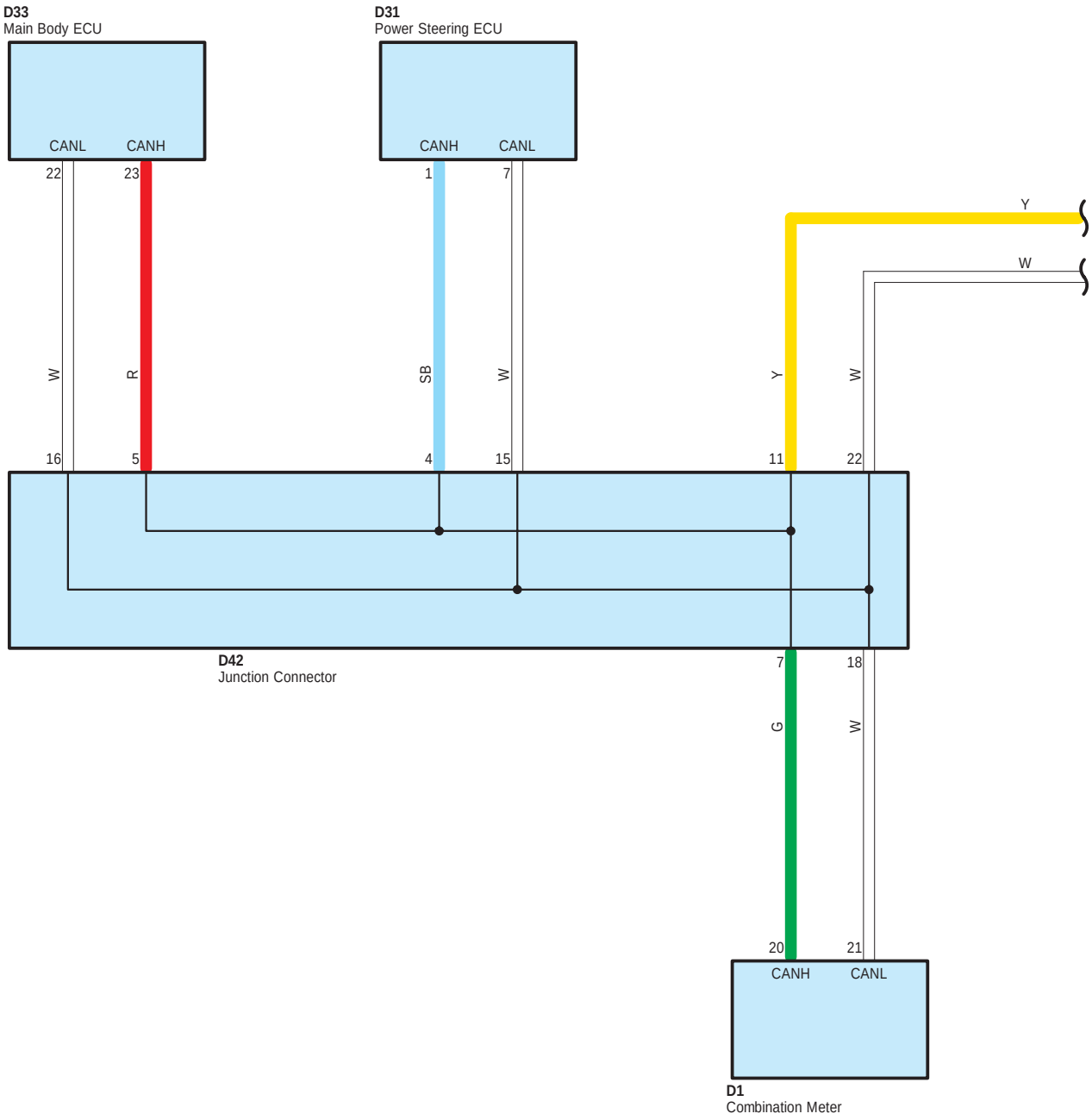
Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4S	31	

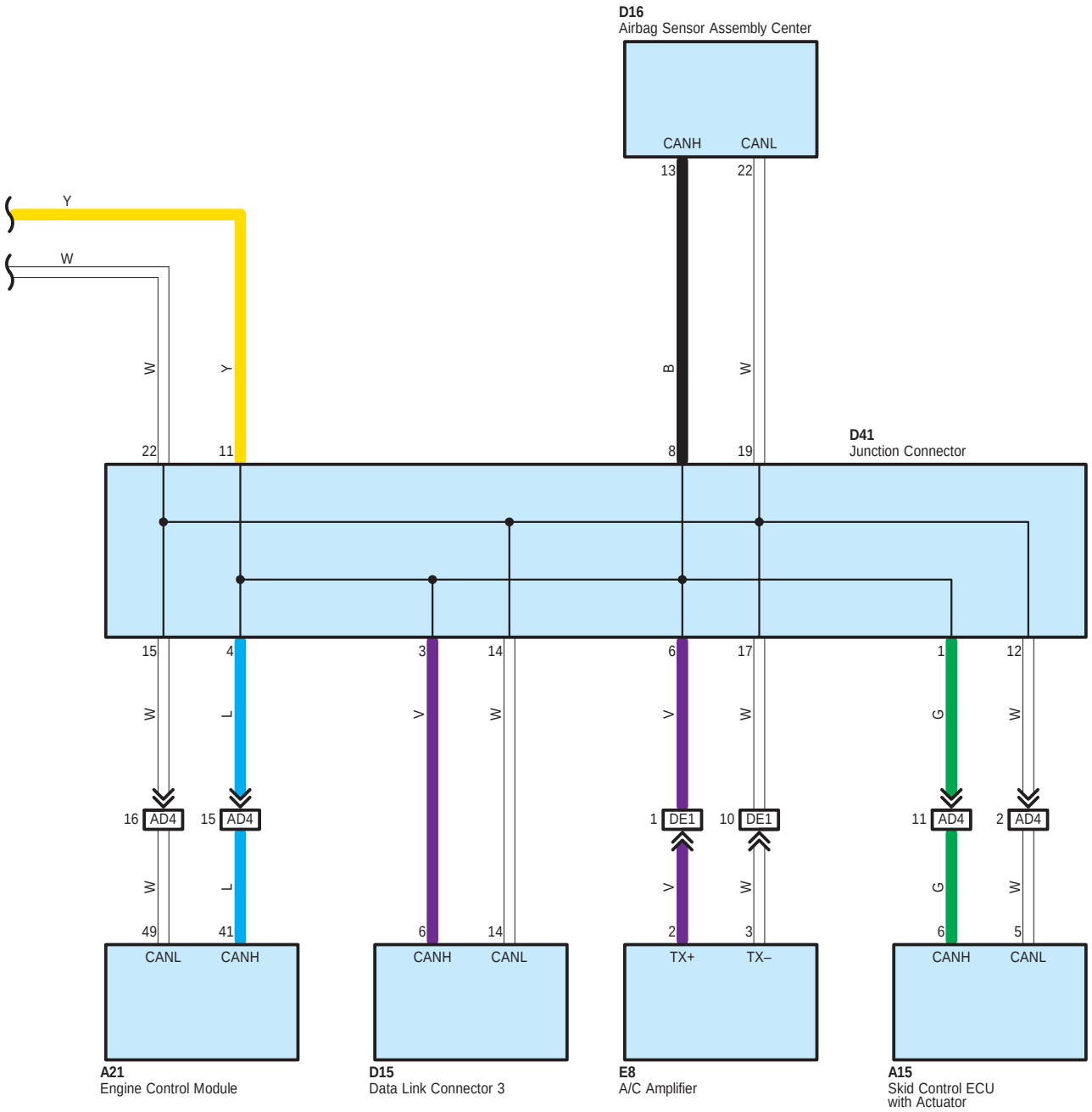
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	
JD2	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	


D33
Main Body ECU
CANL
CANH
22
23
W
R
16
5
D31
Power Steering ECU
CANH
CANL
1
7
SB
W
4
15
Y
W
11
22
D42
Junction Connector
7
18
G
W
20
21
CANH
CANL
D1
Combination Meter

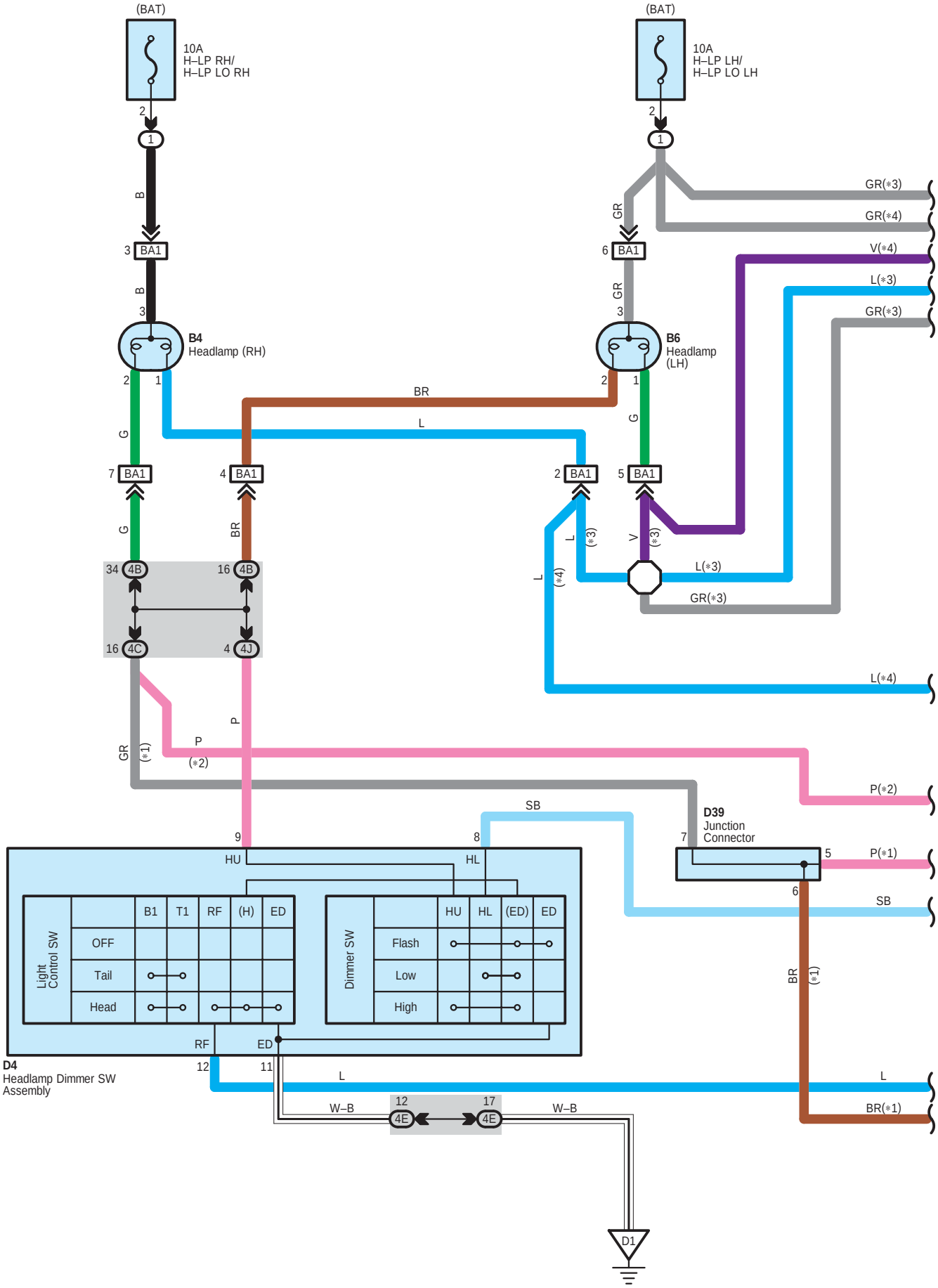

D16
Airbag Sensor Assembly Center
CANH
CANL
13
22
Y
W
B
W
W
Y
D41
Junction Connector
22
11
8
19
15
4
3
14
6
17
1
12
W
L
V
W
V
W
G
W
16 AD4
15 AD4
1 DE1
10 DE1
11 AD4
2 AD4
W
L
V
W
G
W
49
41
6
14
2
3
6
5
CANL
CANH
CANH
CANL
TX+
TX–
CANH
CANL
A21
Engine Control Module
D15
Data Link Connector 3
E8
A/C Amplifier
A15
Skid Control ECU
with Actuator

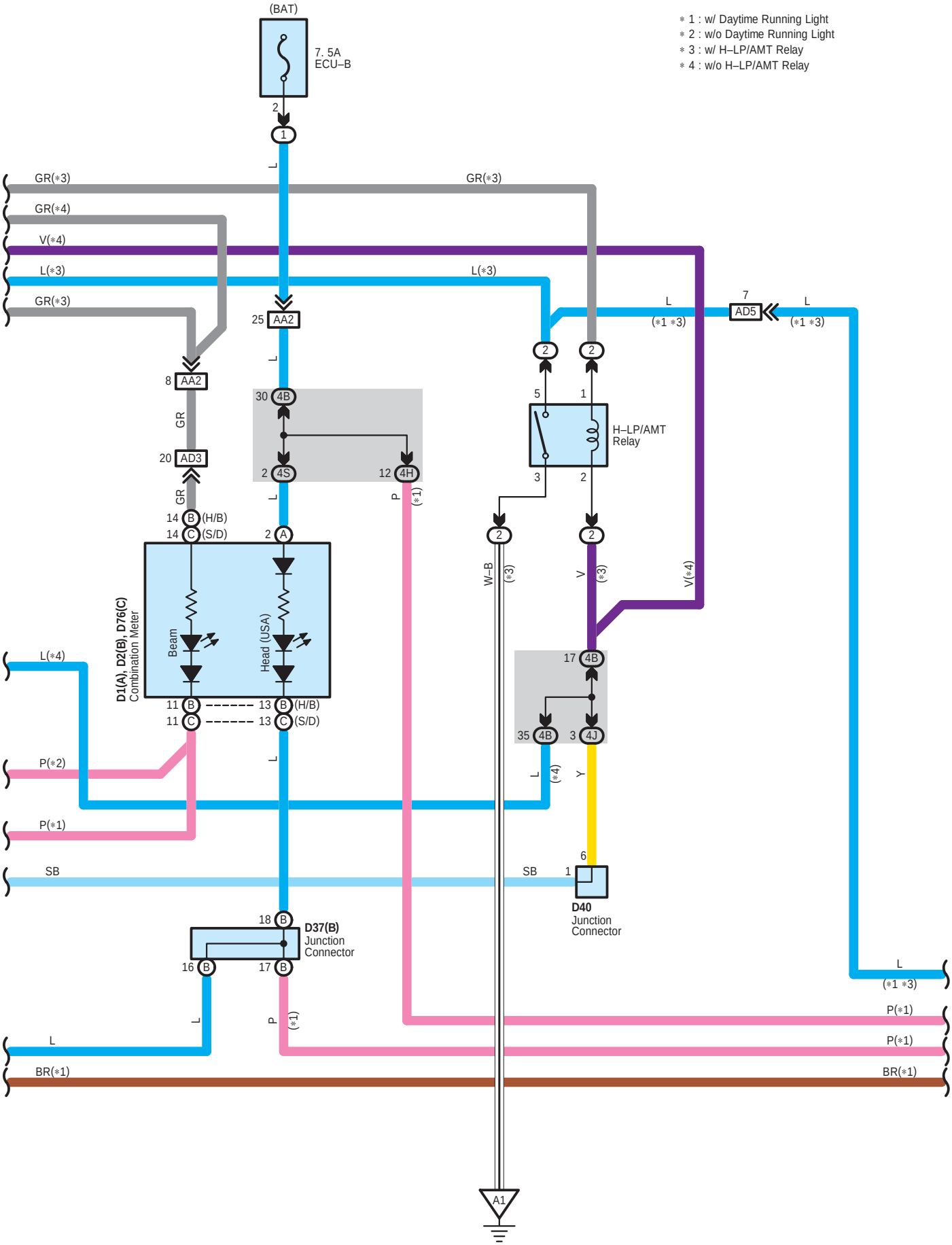
○ : Parts Location

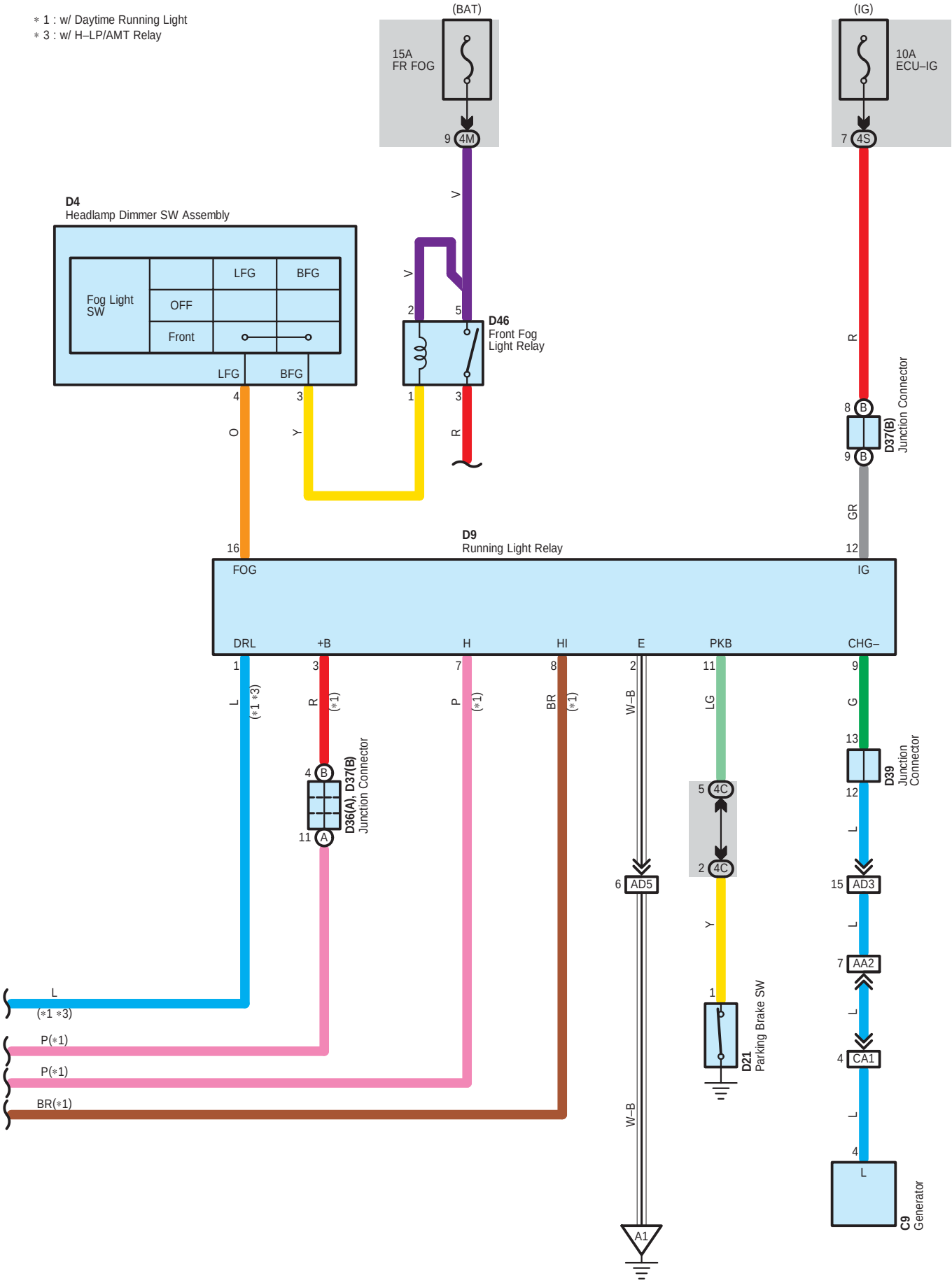
Code	See Page	Code	See Page	Code	See Page
A15	46 (H/B)	D15	53 (S/D)	D41	51 (H/B)
	48 (S/D)	D16	51 (H/B)		53 (S/D)
A21	46 (H/B)		53 (S/D)	D42	51 (H/B)
	48 (S/D)	D31	51 (H/B)		53 (S/D)
D1	51 (H/B)		53 (S/D)	E8	50 (H/B)
	53 (S/D)	D33	51 (H/B)		52 (S/D)
D15	51 (H/B)		53 (S/D)		

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD4	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	


(BAT)
10A
H–LP RH/
H–LP LO RH
(BAT)
10A
H–LP LH/
H–LP LO LH
B4
Headlamp (RH)
B6
Headlamp
(LH)
BA1
4B
4C
4J
D39
Junction
Connector
D4
Headlamp Dimmer SW
Assembly
Light
Control SW
Dimmer SW
B1
T1
RF
(H)
ED
HU
HL
(ED)
OFF
Tail
Head
Flash
Low
High
D1
4E
GR(∗3)
GR(∗4)
V(∗4)
L(∗3)
GR(∗3)
BR
L
G
GR
B
L(∗4)
P
P(∗2)
SB
P(∗1)
BR(∗1)
W–B


∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light
∗ 3 : w/ H–LP/AMT Relay
∗ 4 : w/o H–LP/AMT Relay
(BAT)
7. 5A
ECU–B
H–LP/AMT
Relay
D1(A), D2(B), D76(C)
Combination Meter
Beam
Head (USA)
D37(B)
Junction
Connector
D40
Junction
Connector
A1


∗ 1 : w/ Daytime Running Light
∗ 3 : w/ H–LP/AMT Relay
(BAT)
15A
FR FOG
9 4M
(IG)
10A
ECU–IG
7 4S
D4
Headlamp Dimmer SW Assembly
Fog Light SW
LFG
BFG
OFF
Front
LFG
BFG
D46
Front Fog Light Relay
D9
Running Light Relay
FOG
IG
DRL
+B
H
HI
E
PKB
CHG–
D37(B) Junction Connector
D36(A), D37(B) Junction Connector
D39 Junction Connector
D21 Parking Brake SW
C9 Generator
AD5
AD3
AA2
CA1
A1
L (∗1 ∗3)
P(∗1)
P(∗1)
BR(∗1)

: Parts Location

Code	See Page	Code	See Page	Code	See Page
B4	46 (H/B)	D4	51 (H/B)	D37 B	53 (S/D)
	48 (S/D)		53 (S/D)	D39	51 (H/B)
B6	46 (H/B)	D9	51 (H/B)		53 (S/D)
	48 (S/D)		53 (S/D)	D40	51 (H/B)
C9	47 (H/B)	D21	51 (H/B)		53 (S/D)
	49 (S/D)		53 (S/D)	D46	51 (H/B)
D1 A	51 (H/B)	D36 A	51 (H/B)		53 (S/D)
	53 (S/D)		53 (S/D)	D76 C	53 (S/D)
D2 B	51 (H/B)	D37 B	51 (H/B)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)
2	28	Engine Room R/B No.2 (Engine Compartment Right)

: Junction Block and Wire Harness Connector

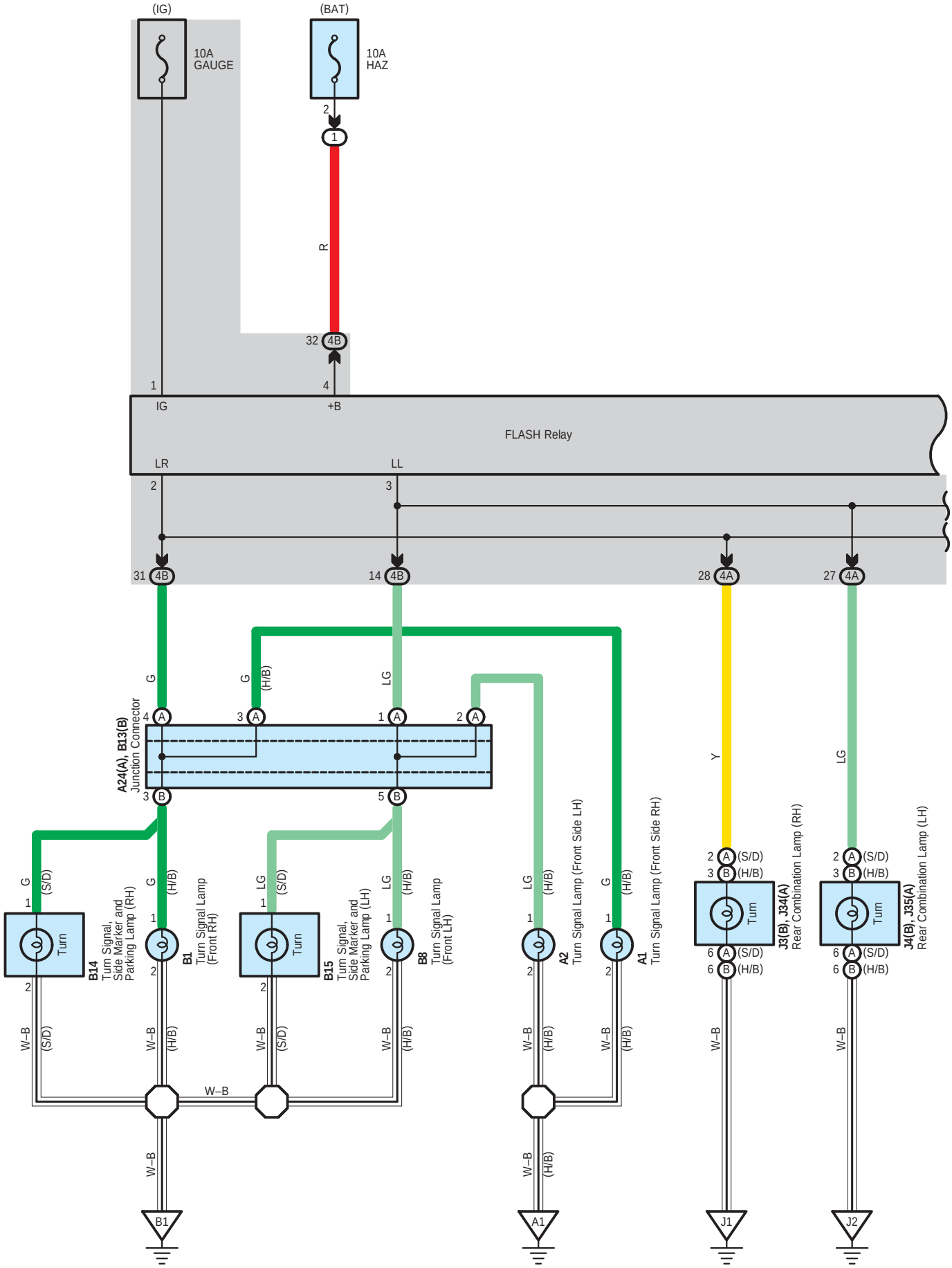
Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4H		
4J		
4M	31	
4S		

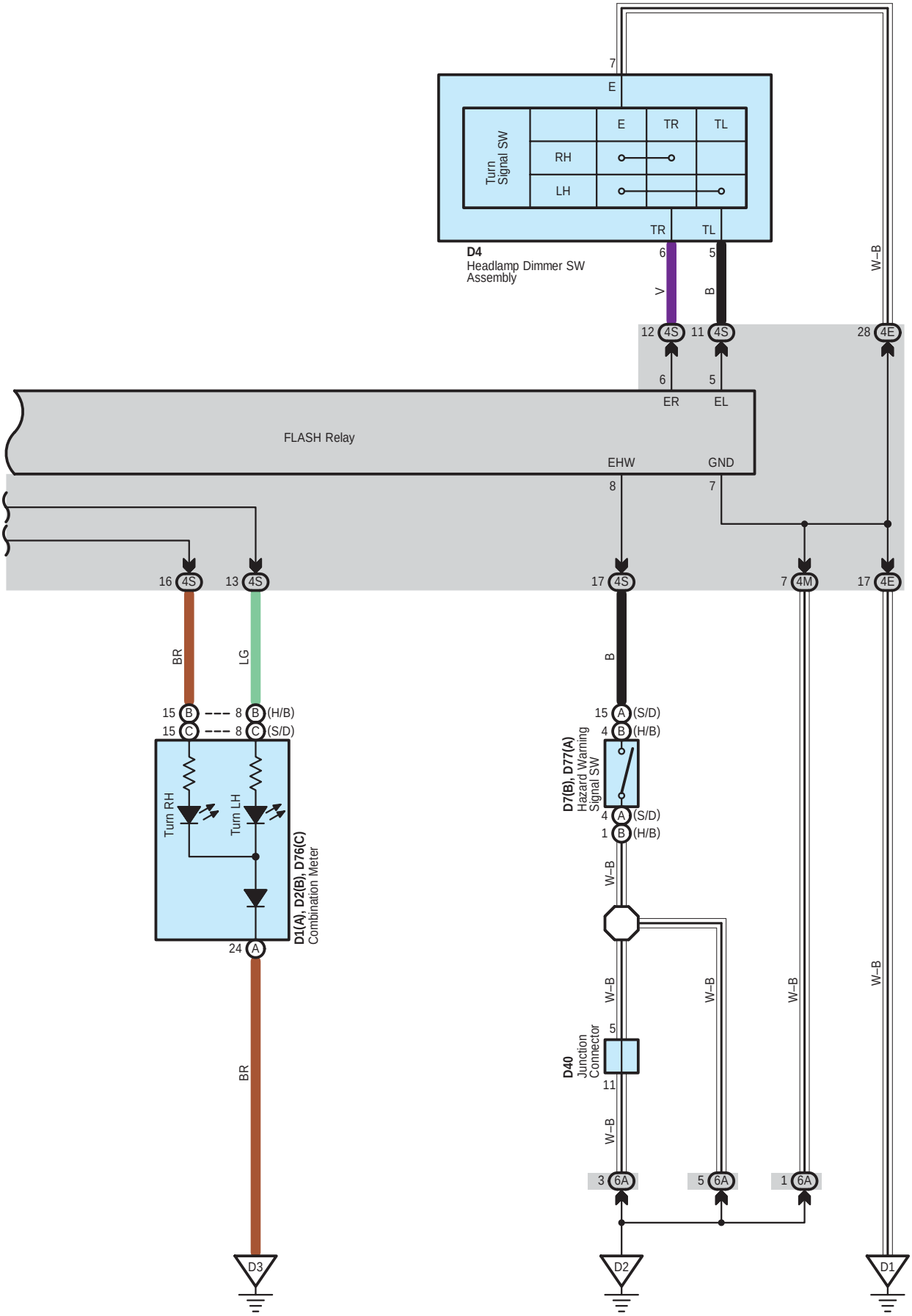
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD5	62 (H/B)	
	63 (S/D)	
BA1	60 (H/B)	Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	


(IG)
(BAT)
10A
GAUGE
10A
HAZ
2
1
R
32 4B
1
4
IG
+B
FLASH Relay
LR
LL
2
3
31 4B
14 4B
28 4A
27 4A
G
G
(H/B)
LG
4 A
3 A
1 A
2 A
A24(A), B13(B)
Junction Connector
3 B
5 B
Y
LG
G (S/D)
1
Turn
2
W–B
(S/D)
B14
Turn Signal,
Side Marker and
Parking Lamp (RH)
G (H/B)
1
2
W–B
(H/B)
B1
Turn Signal Lamp
(Front RH)
LG (S/D)
1
Turn
2
W–B
(S/D)
B15
Turn Signal,
Side Marker and
Parking Lamp (LH)
LG (H/B)
1
2
W–B
(H/B)
B8
Turn Signal Lamp
(Front LH)
W–B
W–B
B1
LG (H/B)
1
2
W–B
(H/B)
A2
Turn Signal Lamp (Front Side LH)
G (H/B)
1
2
W–B
(H/B)
A1
Turn Signal Lamp (Front Side RH)
W–B
(H/B)
A1
2 A (S/D)
3 B (H/B)
Turn
6 A (S/D)
6 B (H/B)
J3(B), J34(A)
Rear Combination Lamp (RH)
W–B
J1
2 A (S/D)
3 B (H/B)
Turn
6 A (S/D)
6 B (H/B)
J4(B), J35(A)
Rear Combination Lamp (LH)
W–B
J2


7
E
Turn Signal SW
E
TR
TL
RH
LH
TR
TL
D4
Headlamp Dimmer SW Assembly
6
5
V
B
W–B
12 4S
11 4S
28 4E
6
5
ER
EL
FLASH Relay
EHW
GND
8
7
16 4S
13 4S
17 4S
7 4M
17 4E
BR
LG
B
15 B
8 B (H/B)
15 C
8 C (S/D)
Turn RH
Turn LH
D1(A), D2(B), D76(C)
Combination Meter
24 A
15 A (S/D)
4 B (H/B)
D7(B), D77(A)
Hazard Warning Signal SW
4 A (S/D)
1 B (H/B)
W–B
W–B
W–B
W–B
W–B
5
D40
Junction Connector
11
W–B
3 6A
5 6A
1 6A
BR
D3
D2
D1

Turn Signal and Hazard Warning Light

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A1		46 (H/B)	B15		48 (S/D)	D76	C	53 (S/D)
A2		46 (H/B)	D1	A	51 (H/B)	D77	A	53 (S/D)
A24	A	46 (H/B)			53 (S/D)	J3	B	55 (5–Door)
		48 (S/D)	D2	B	51 (H/B)			57 (3–Door)
B1		46 (H/B)	D4		51 (H/B)	J4	B	55 (5–Door)
B8		46 (H/B)			53 (S/D)			57 (3–Door)
B13	B	46 (H/B)	D7	B	51 (H/B)	J34	A	59 (4–Door)
		48 (S/D)	D40		51 (H/B)	J35	A	59 (4–Door)
B14		48 (S/D)			53 (S/D)			

: Relay Blocks

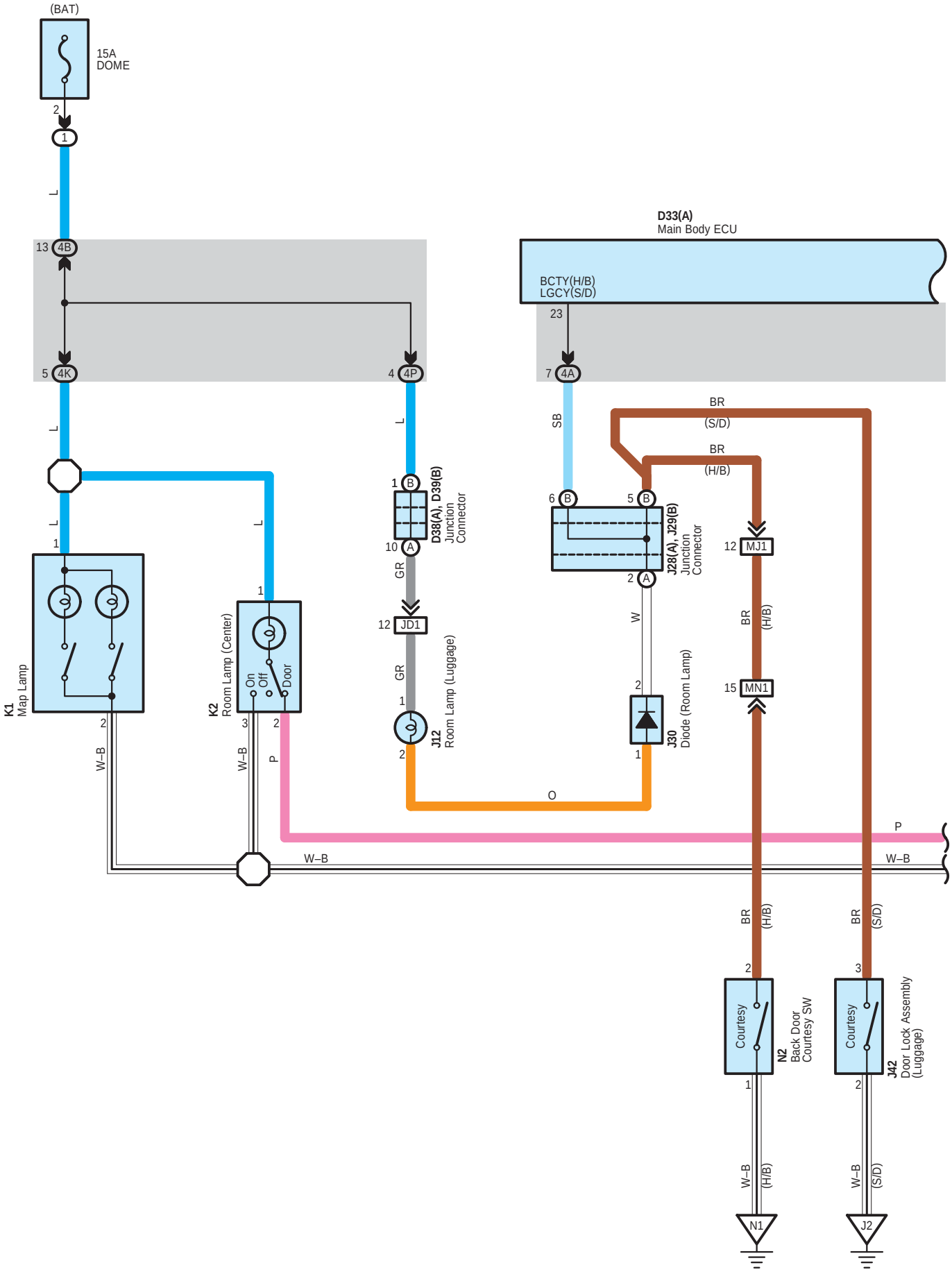
Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

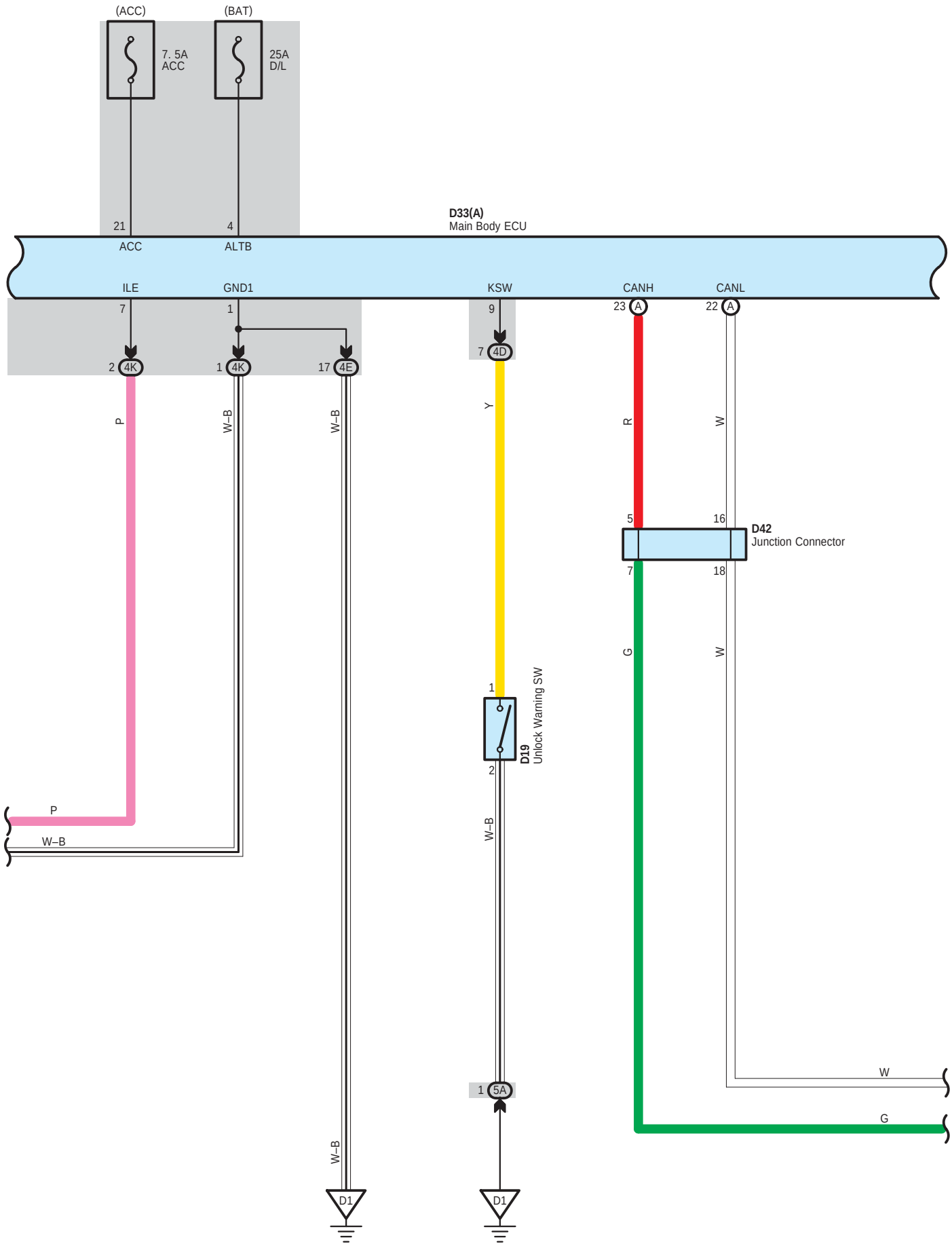
: Junction Block and Wire Harness Connector

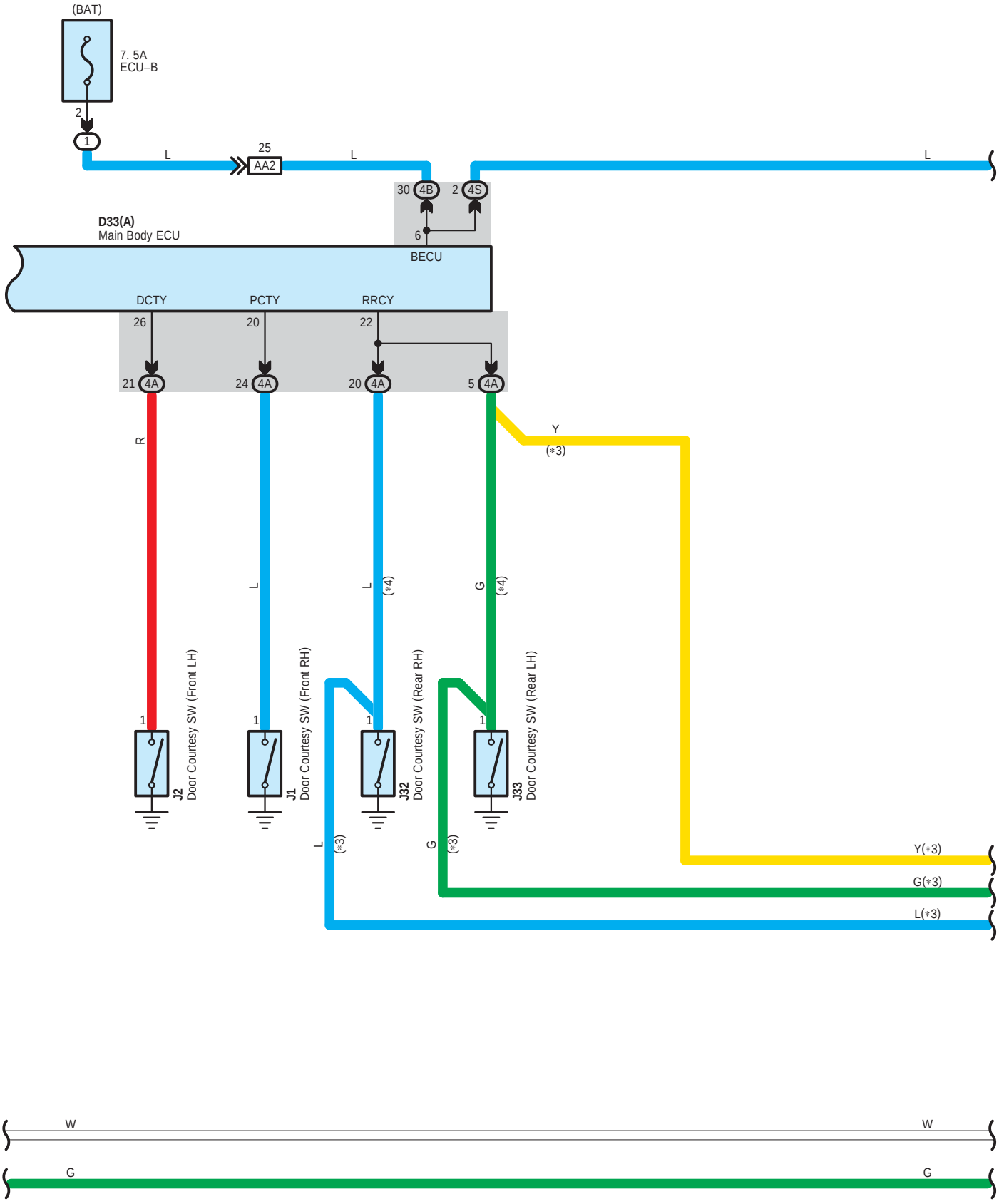
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

: Ground Points

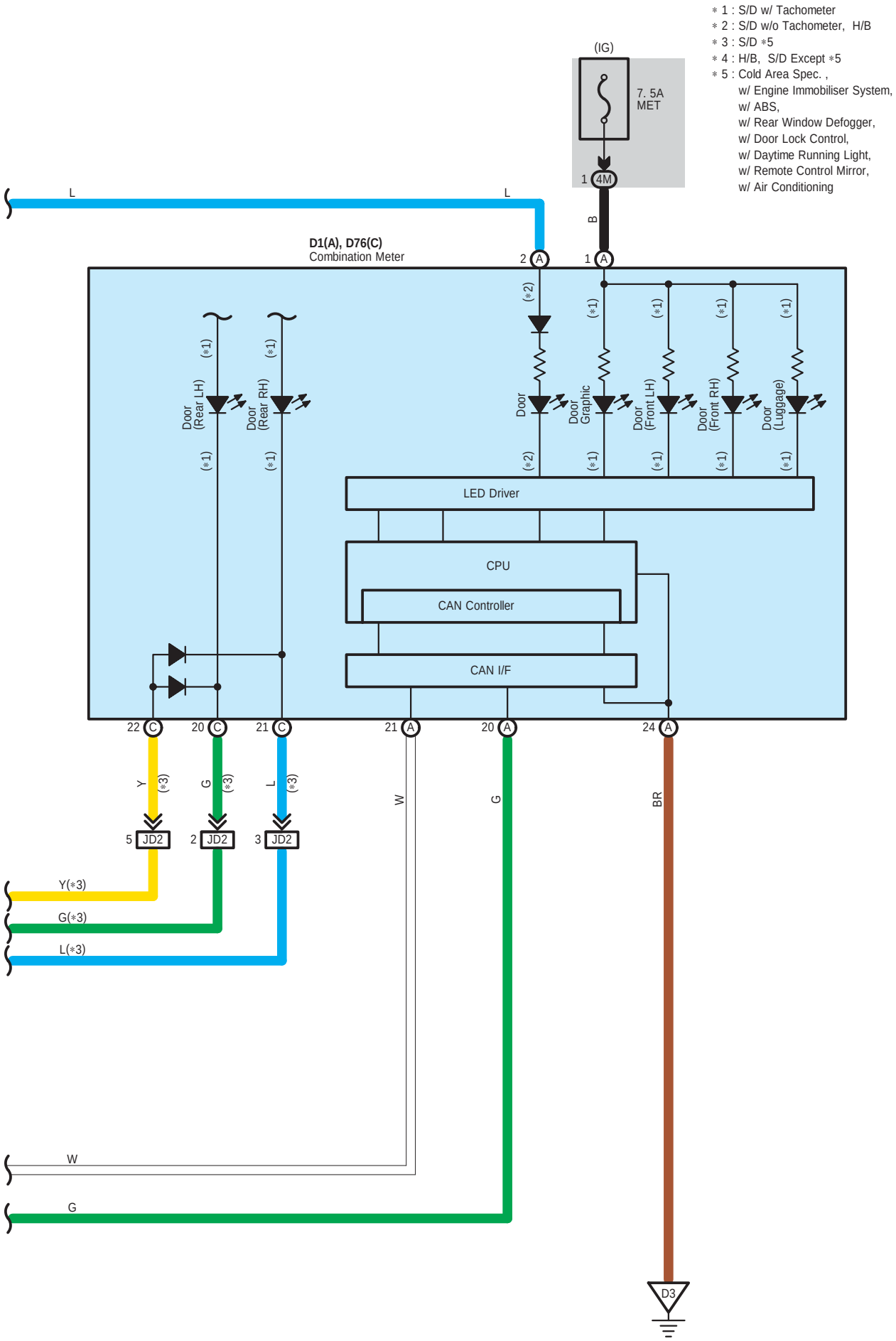
Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
B1	60 (H/B)	Radiator Support Left
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left


(BAT)
15A
DOME
2
1
L
13 4B
5 4K
4 4P
D33(A)
Main Body ECU
BCTY(H/B)
LGCY(S/D)
23
7 4A
SB
BR
(S/D)
BR
(H/B)
1 B
10 A
D38(A), D39(B)
Junction
Connector
6 B
5 B
2 A
J28(A), J29(B)
Junction
Connector
12 MJ1
15 MN1
GR
12 JD1
J12
Room Lamp (Luggage)
W
J30
Diode (Room Lamp)
O
K1
Map Lamp
K2
Room Lamp (Center)
On
Off
Door
W–B
P
Courtesy
N2
Back Door
Courtesy SW
J42
Door Lock Assembly
(Luggage)
N1
J2


(ACC)
(BAT)
7. 5A
ACC
25A
D/L
21
4
ACC
ALTB
D33(A)
Main Body ECU
ILE
GND1
KSW
CANH
CANL
7
1
9
23 A
22 A
2 4K
1 4K
17 4E
7 4D
P
W–B
Y
R
W
5
16
D42
Junction Connector
7
18
G
W
1
D19
Unlock Warning SW
2
W–B
1 5A
W
G
W–B
D1
D1


(BAT)
7. 5A
ECU–B
2
1
L
25
AA2
L
L
30 4B
2 4S
6
D33(A)
Main Body ECU
BECU
DCTY
PCTY
RRCY
26
20
22
21 4A
24 4A
20 4A
5 4A
R
L
L
(*4)
G
(*4)
Y
(*3)
1
J2
Door Courtesy SW (Front LH)
J1
Door Courtesy SW (Front RH)
J32
Door Courtesy SW (Rear RH)
J33
Door Courtesy SW (Rear LH)
L
(*3)
G
(*3)
Y(*3)
G(*3)
L(*3)

W
W
G
G


∗ 1 : S/D w/ Tachometer
∗ 2 : S/D w/o Tachometer, H/B
∗ 3 : S/D ∗5
∗ 4 : H/B, S/D Except ∗5
∗ 5 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning
(IG)
7. 5A
MET
1 4M
B
L
L
D1(A), D76(C)
Combination Meter
2 A
1 A
(∗2)
(∗1)
Door (Rear LH)
Door (Rear RH)
Door
Door Graphic
Door (Front LH)
Door (Front RH)
Door (Luggage)
LED Driver
CPU
CAN Controller
CAN I/F
22 C
20 C
21 C
21 A
20 A
24 A
Y
G
L
W
G
BR
(∗3)
5 JD2
2 JD2
3 JD2
Y(∗3)
G(∗3)
L(∗3)
W
G
D3

Interior Light

: Parts Location

Code		See Page	Code		See Page	Code	See Page
D1	A	51 (H/B)	J1		59 (4–Door)	J30	59 (4–Door)
		53 (S/D)	J2		55 (5–Door)	J32	55 (5–Door)
D19		51 (H/B)			57 (3–Door)		59 (4–Door)
		53 (S/D)			59 (4–Door)	J33	55 (5–Door)
D33	A	51 (H/B)	J12		55 (5–Door)		59 (4–Door)
		53 (S/D)			57 (3–Door)	J42	59 (4–Door)
D38	A	51 (H/B)			59 (4–Door)	K1	54 (5–Door)
		53 (S/D)	J28	A	55 (5–Door)		56 (3–Door)
D39	B	51 (H/B)			57 (3–Door)		58 (4–Door)
		53 (S/D)			59 (4–Door)	K2	54 (5–Door)
D42		51 (H/B)	J29	B	55 (5–Door)		56 (3–Door)
		53 (S/D)			57 (3–Door)		58 (4–Door)
D76	C	53 (S/D)			59 (4–Door)	N2	54 (5–Door)
J1		55 (5–Door)	J30		55 (5–Door)		56 (3–Door)
		57 (3–Door)			57 (3–Door)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

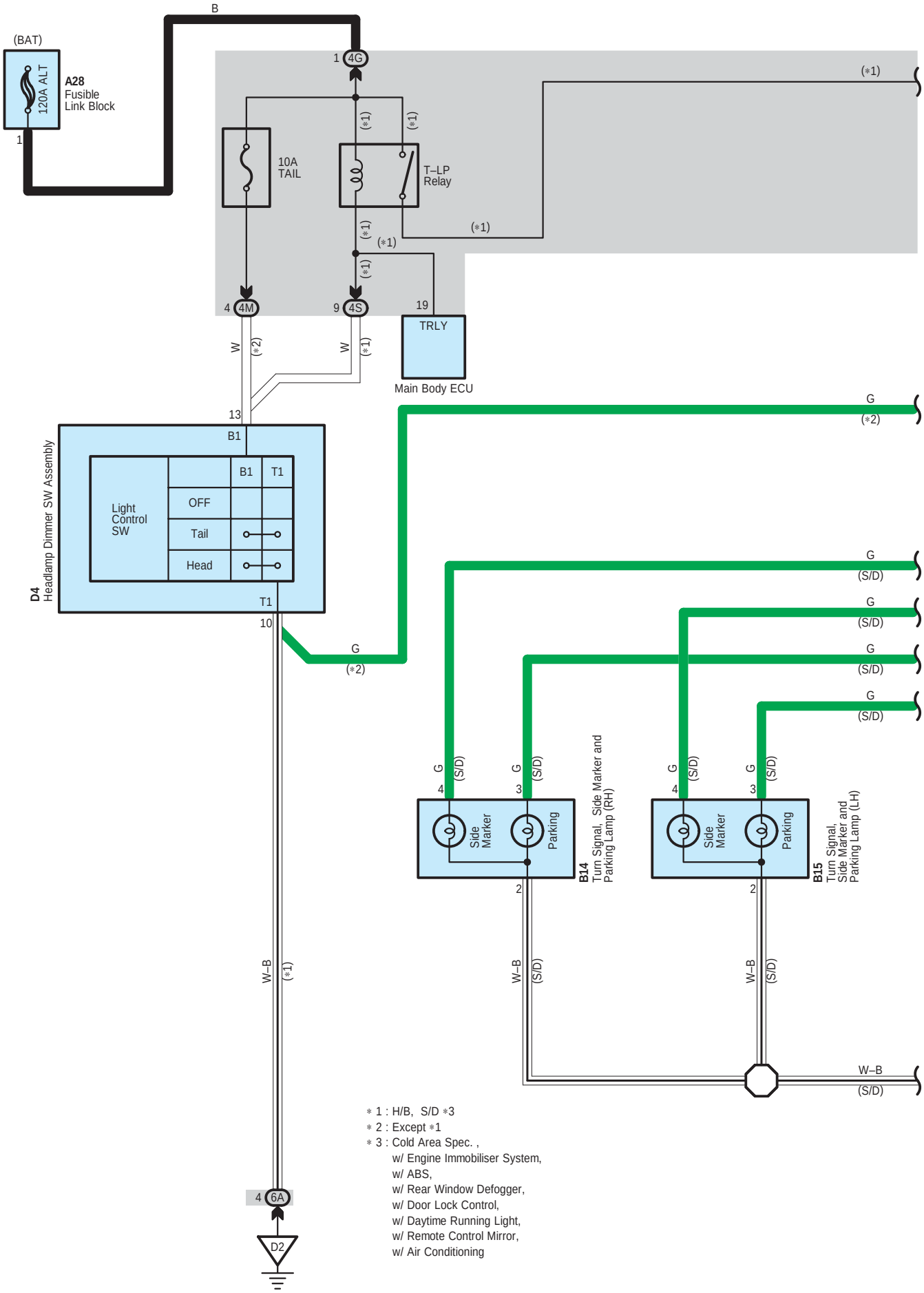
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4K	30	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4P		
4S		
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)

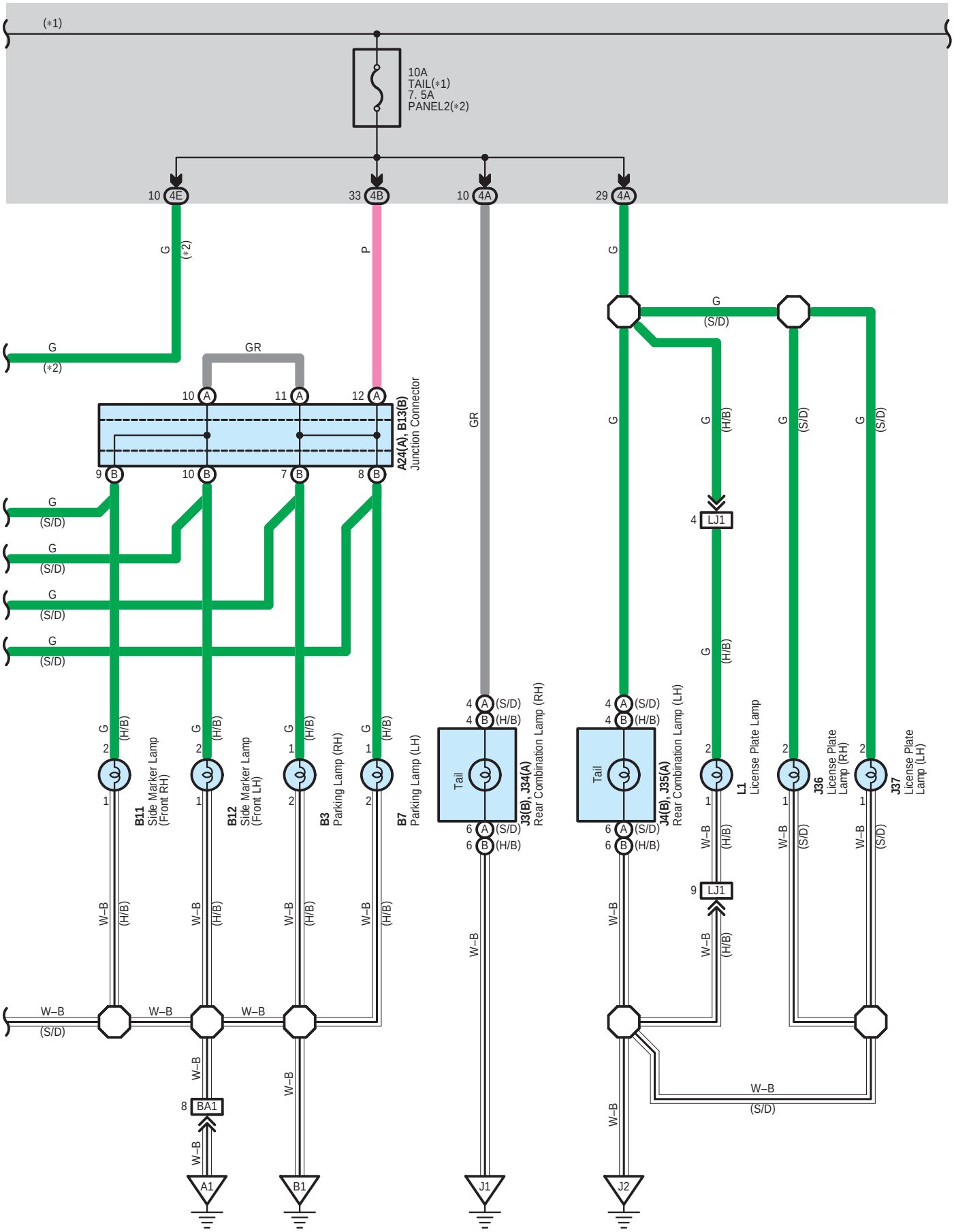
: Connector Joining Wire Harness and Wire Harness

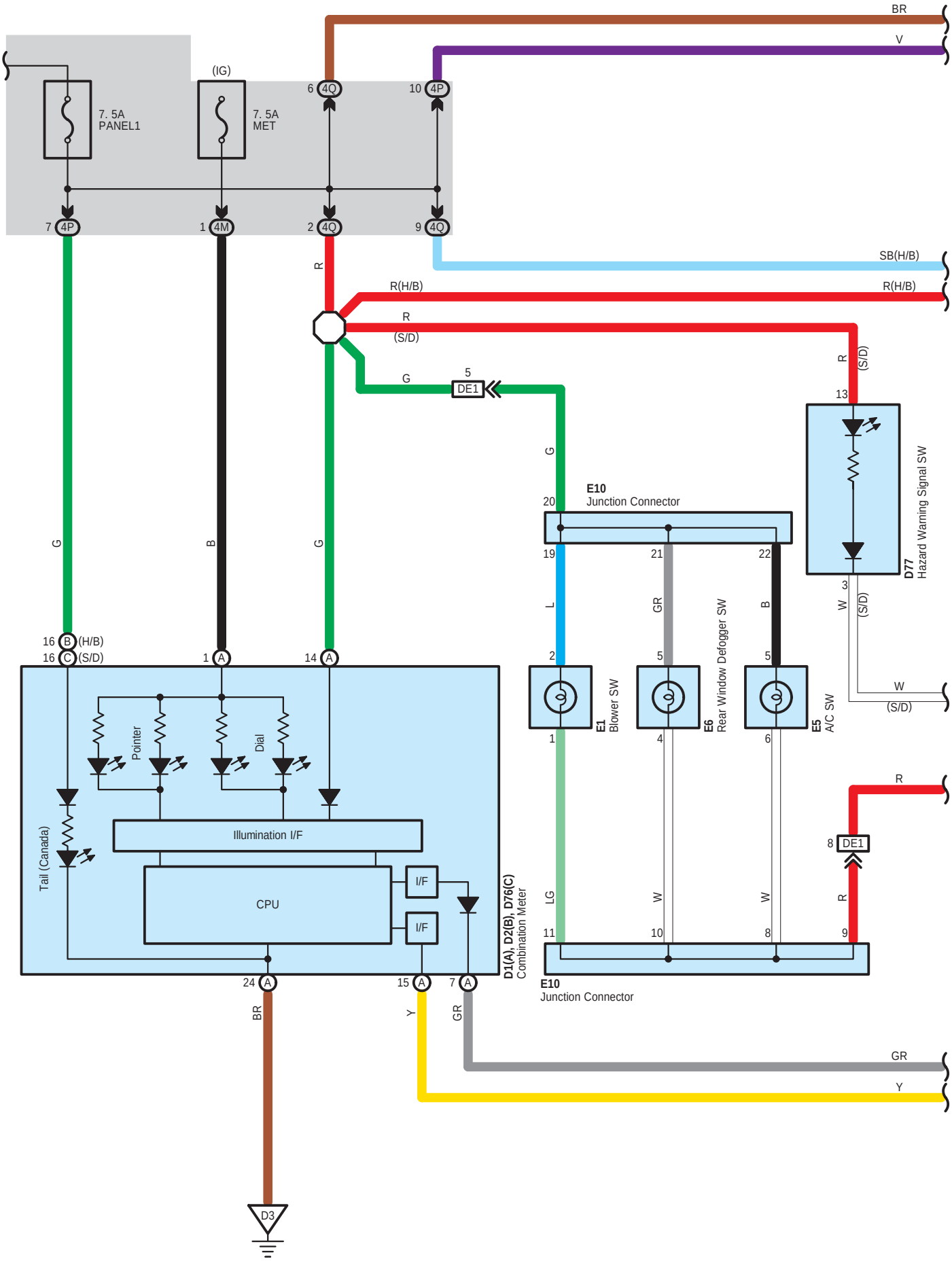
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
JD1	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
JD2	63 (S/D)	
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	
MN1	64 (5–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)
	65 (3–Door)	

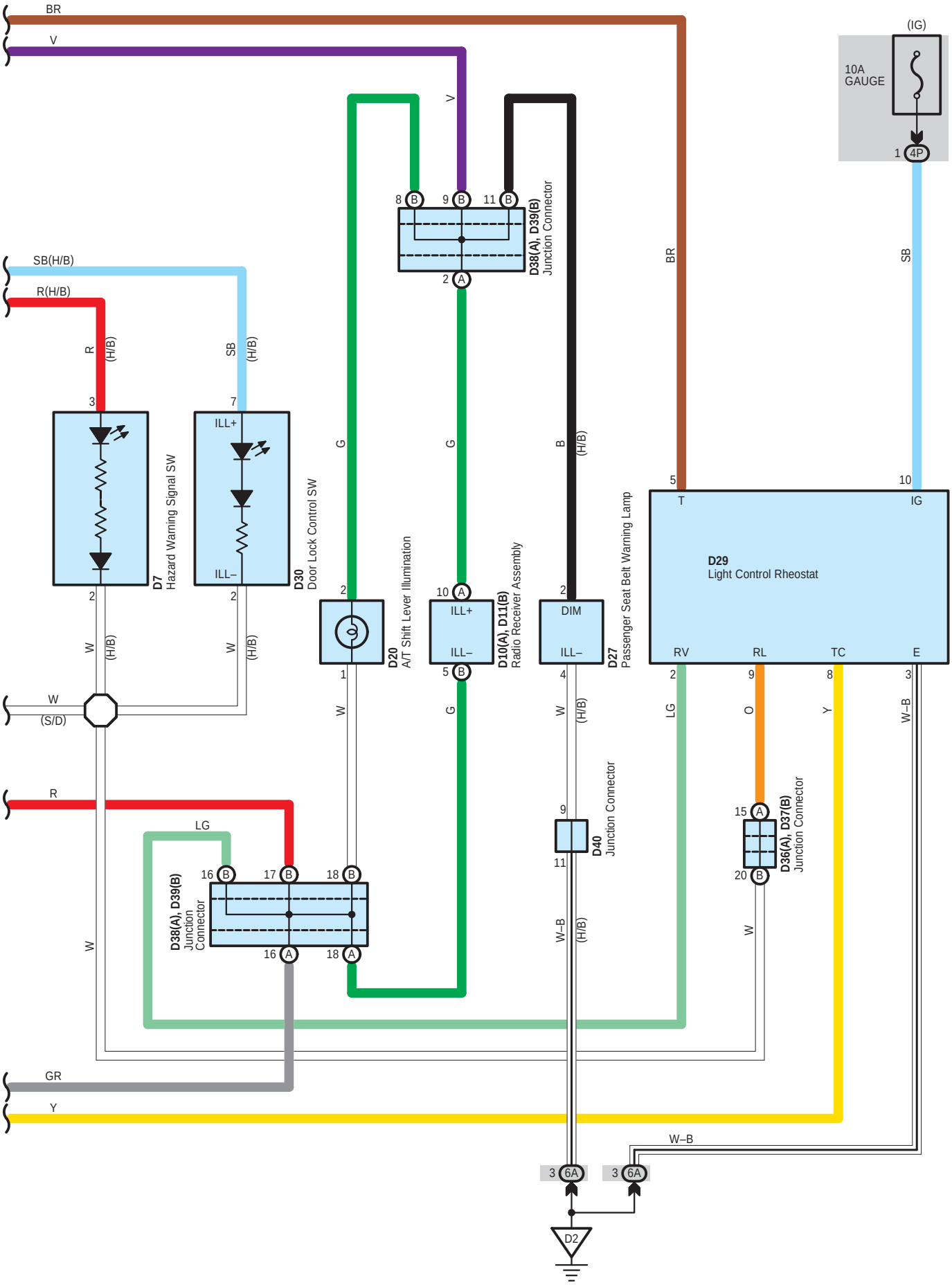
▽ : **Ground Points**

Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J2	66 (4–Door)	Lower Back Panel Left
N1	64 (5–Door)	Back Door Panel Center
	65 (3–Door)	


B
(BAT)
A28
Fusible
Link Block
120A ALT
1
1 4G
(*1)
10A
TAIL
T–LP
Relay
(*1)
4 4M
9 4S
19
TRLY
Main Body ECU
W
(*2)
(*1)
13
B1
D4
Headlamp Dimmer SW Assembly
Light
Control
SW
B1
T1
OFF
Tail
Head
T1
10
G
(*2)
G
(S/D)
B14
Turn Signal, Side Marker and
Parking Lamp (RH)
B15
Turn Signal,
Side Marker and
Parking Lamp (LH)
Side
Marker
Parking
W–B
(S/D)
4 6A
D2
* 1 : H/B, S/D *3
* 2 : Except *1
* 3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning


(*1)
10A
TAIL(*1)
7. 5A
PANEL2(*2)
10 4E
33 4B
10 4A
29 4A
G
(*2)
P
GR
A24(A), B13(B)
Junction Connector
B11
Side Marker Lamp
(Front RH)
B12
Side Marker Lamp
(Front LH)
B3
Parking Lamp (RH)
B7
Parking Lamp (LH)
J3(B), J34(A)
Rear Combination Lamp (RH)
J4(B), J35(A)
Rear Combination Lamp (LH)
L1
License Plate Lamp
J36
License Plate
Lamp (RH)
J37
License Plate
Lamp (LH)
Tail
LJ1
BA1
A1
B1
J1
J2
W–B
(S/D)
(H/B)


BR
V
(IG)
7. 5A
PANEL1
7. 5A
MET
6 4Q
10 4P
7 4P
1 4M
2 4Q
9 4Q
SB(H/B)
R(H/B)
R(H/B)
R
(S/D)
G
5
DE1
R
(S/D)
13
D77
Hazard Warning Signal SW
3
W
(S/D)
W
(S/D)
G
20
E10
Junction Connector
19
21
22
L
GR
B
2
5
5
E1
Blower SW
E6
Rear Window Defogger SW
E5
A/C SW
1
4
6
G
B
G
16 B (H/B)
16 C (S/D)
1 A
14 A
Pointer
Dial
Tail (Canada)
Illumination I/F
CPU
I/F
I/F
D1(A), D2(B), D76(C)
Combination Meter
R
8 DE1
LG
W
W
R
11
10
8
9
E10
Junction Connector
24 A
15 A
7 A
BR
Y
GR
GR
Y
D3


BR
V
(IG)
10A
GAUGE
1 4P
SB
SB(H/B)
R(H/B)
R (H/B)
SB (H/B)
3
7
ILL+
ILL–
D7
Hazard Warning Signal SW
D30
Door Lock Control SW
2
2
W (H/B)
W (H/B)
W
(S/D)
G
G
V
8 B 9 B 11 B
D38(A), D39(B)
Junction Connector
2 A
B (H/B)
BR
5
T
10
IG
D29
Light Control Rheostat
RV RL TC E
2 9 8 3
LG O Y W–B
2
D20
A/T Shift Lever Illumination
1
W
10 A
ILL+
ILL–
5 B
G
D10(A), D11(B)
Radio Receiver Assembly
2
DIM
ILL–
4
W (H/B)
D27
Passenger Seat Belt Warning Lamp
R
LG
16 B 17 B 18 B
D38(A), D39(B)
Junction
Connector
16 A 18 A
W
9
11
D40
Junction Connector
W–B (H/B)
15 A
20 B
D36(A), D37(B)
Junction Connector
W
GR
Y
W–B
3 6A
3 6A
D2

Taillight and Illumination

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A24 A	46 (H/B)	D10 A	53 (S/D)	D77	53 (S/D)
	48 (S/D)	D11 B	51 (H/B)	E1	50 (H/B)
A28	43, 46 (H/B)		53 (S/D)		52 (S/D)
	43, 48 (S/D)	D20	51 (H/B)	E5	50 (H/B)
B3	46 (H/B)		53 (S/D)		52 (S/D)
B7	46 (H/B)	D27	51 (H/B)	E6	50 (H/B)
B11	46 (H/B)	D29	51 (H/B)		52 (S/D)
B12	46 (H/B)		53 (S/D)	E10	50 (H/B)
B13 B	46 (H/B)	D30	51 (H/B)		52 (S/D)
	48 (S/D)	D36 A	51 (H/B)	J3 B	55 (5–Door)
B14	48 (S/D)		53 (S/D)		57 (3–Door)
B15	48 (S/D)	D37 B	51 (H/B)	J4 B	55 (5–Door)
D1 A	51 (H/B)		53 (S/D)		57 (3–Door)
	53 (S/D)	D38 A	51 (H/B)	J34 A	59 (4–Door)
D2 B	51 (H/B)		53 (S/D)	J35 A	59 (4–Door)
D4	51 (H/B)	D39 B	51 (H/B)	J36	59 (4–Door)
	53 (S/D)		53 (S/D)	J37	59 (4–Door)
D7	51 (H/B)	D40	51 (H/B)	L1	54 (5–Door)
D10 A	51 (H/B)	D76 C	53 (S/D)		56 (3–Door)

⬭ : Junction Block and Wire Harness Connector

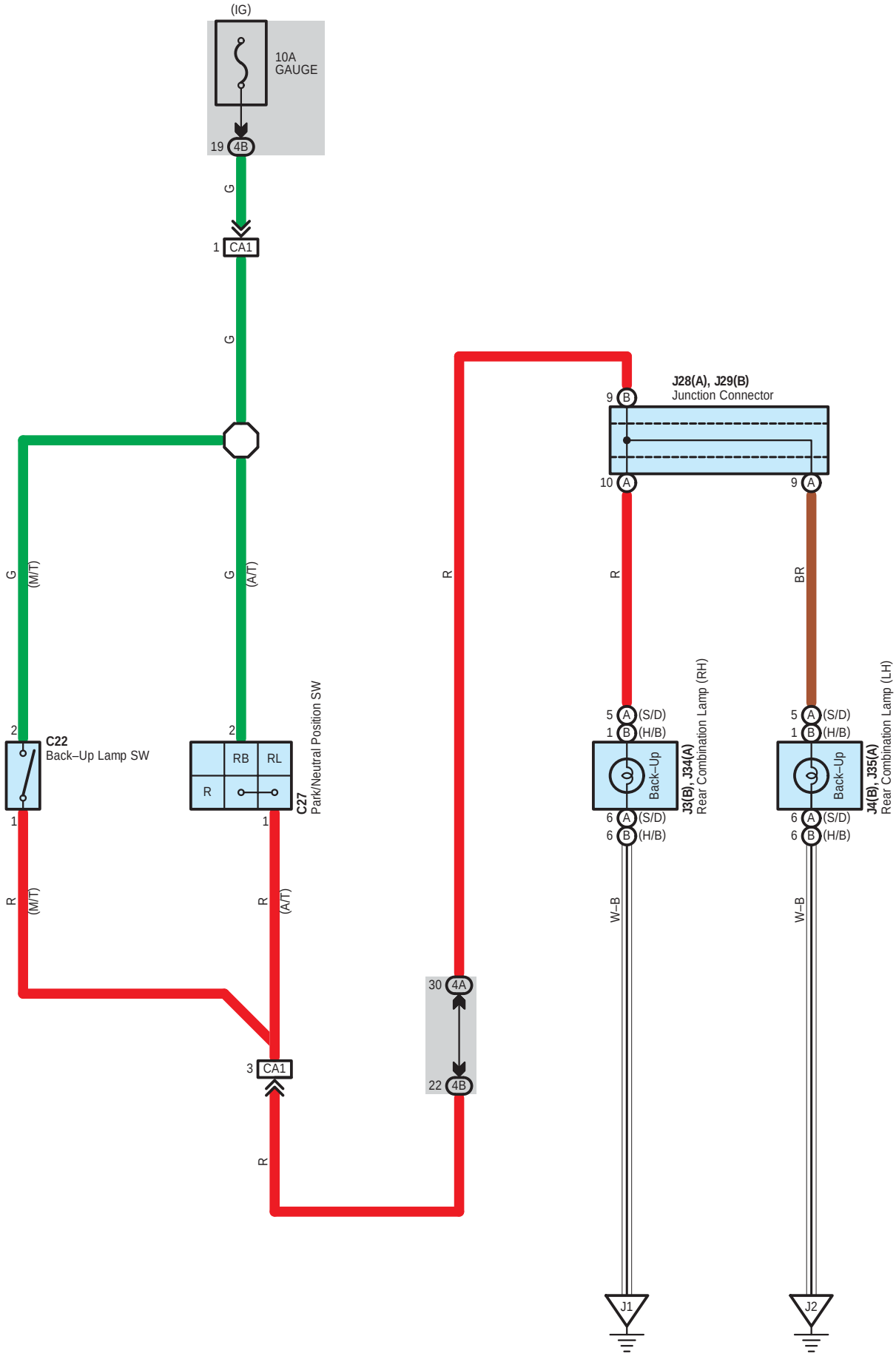
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4G	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4P		
4Q		
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BA1	60 (H/B)	Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	
LJ1	64 (5–Door)	Luggage Room No.2 Wire and Floor Wire (Luggage Room Left)
	65 (3–Door)	

▽ : **Ground Points**

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
B1	60 (H/B)	Radiator Support Left
	61 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left


(IG)
10A
GAUGE
19
4B
G
1
CA1
G
G
(M/T)
G
(A/T)
2
C22
Back–Up Lamp SW
1
R
(M/T)
2
RB
RL
R
1
C27
Park/Neutral Position SW
R
(A/T)
3
CA1
R
30
4A
22
4B
R
9
B
J28(A), J29(B)
Junction Connector
10
A
9
A
R
BR
5
A
(S/D)
1
B
(H/B)
Back–Up
6
A
(S/D)
6
B
(H/B)
J3(B), J34(A)
Rear Combination Lamp (RH)
J4(B), J35(A)
Rear Combination Lamp (LH)
W–B
W–B
J1
J2

: Parts Location

Code		See Page	Code		See Page	Code		See Page
C22		47 (H/B)	J4	B	55 (5–Door)	J29	B	57 (3–Door)
		49 (S/D)			57 (3–Door)			59 (4–Door)
C27		47 (H/B)	J28	A	55 (5–Door)	J34	A	59 (4–Door)
		49 (S/D)			57 (3–Door)	J35	A	59 (4–Door)
J3	B	55 (5–Door)			59 (4–Door)			
		57 (3–Door)	J29	B	55 (5–Door)			

: Junction Block and Wire Harness Connector

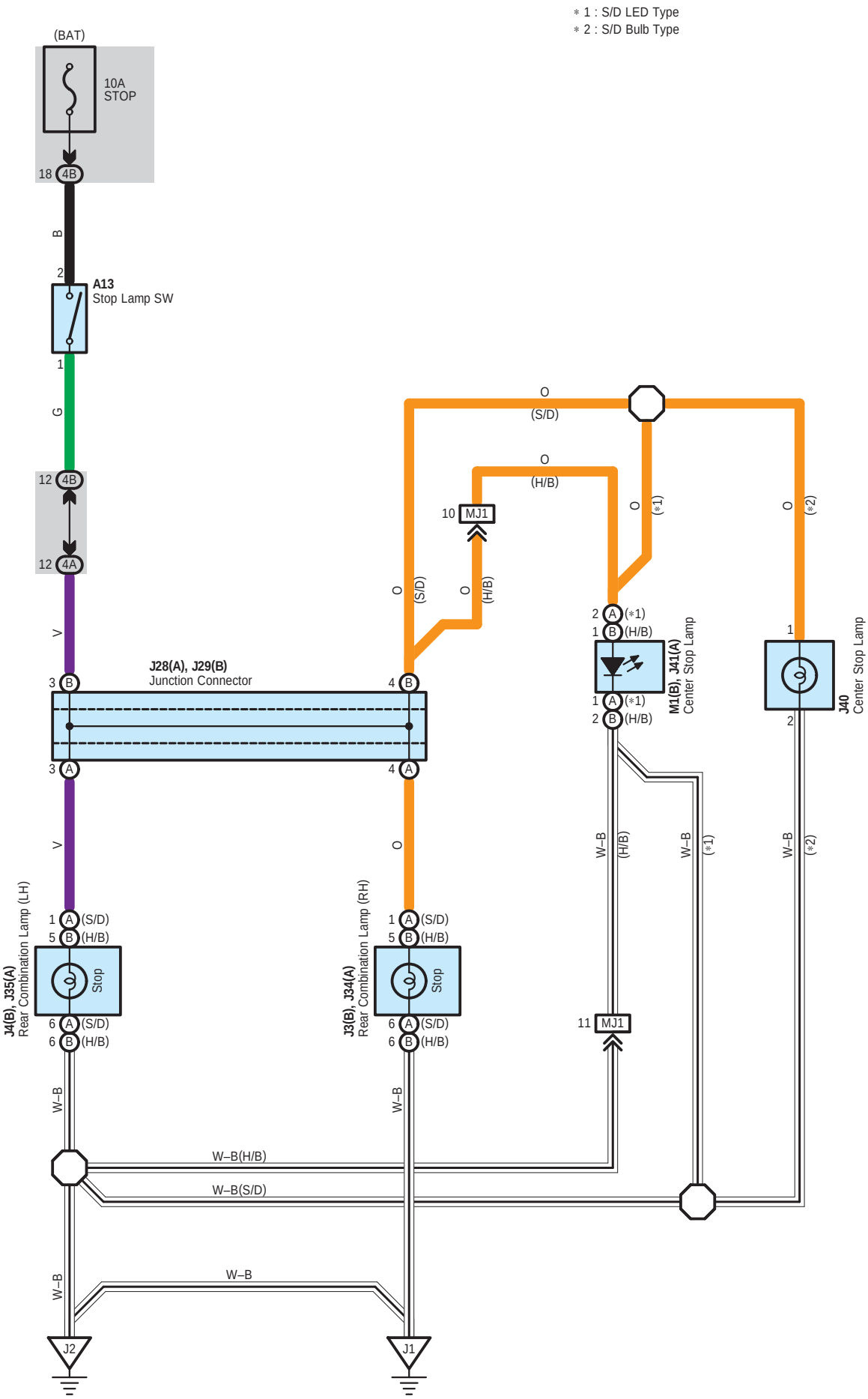
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left


* 1 : S/D LED Type
* 2 : S/D Bulb Type
(BAT)
10A
STOP
18 4B
B
2
A13
Stop Lamp SW
1
G
12 4B
12 4A
V
3 B
3 A
J28(A), J29(B)
Junction Connector
4 B
4 A
O
(S/D)
O
(H/B)
10 MJ1
O
(*1)
O
(*2)
2 A (*1)
1 B (H/B)
1 A (*1)
2 B (H/B)
M1(B), J41(A)
Center Stop Lamp
1
2
J40
Center Stop Lamp
V
O
1 A (S/D)
5 B (H/B)
6 A (S/D)
6 B (H/B)
J4(B), J35(A)
Rear Combination Lamp (LH)
Stop
J3(B), J34(A)
Rear Combination Lamp (RH)
Stop
11 MJ1
W–B
(H/B)
W–B
(*1)
W–B
(*2)
W–B
W–B
W–B(H/B)
W–B(S/D)
W–B
J2
J1

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A13		50 (H/B)	J28	A	55 (5–Door)	J34	A	59 (4–Door)
		52 (S/D)			57 (3–Door)	J35	A	59 (4–Door)
J3	B	55 (5–Door)			59 (4–Door)	J40		59 (4–Door)
		57 (3–Door)	J29	B	55 (5–Door)	J41	A	59 (4–Door)
J4	B	55 (5–Door)			57 (3–Door)	M1	B	54 (5–Door)
		57 (3–Door)			59 (4–Door)			56 (3–Door)

: Junction Block and Wire Harness Connector

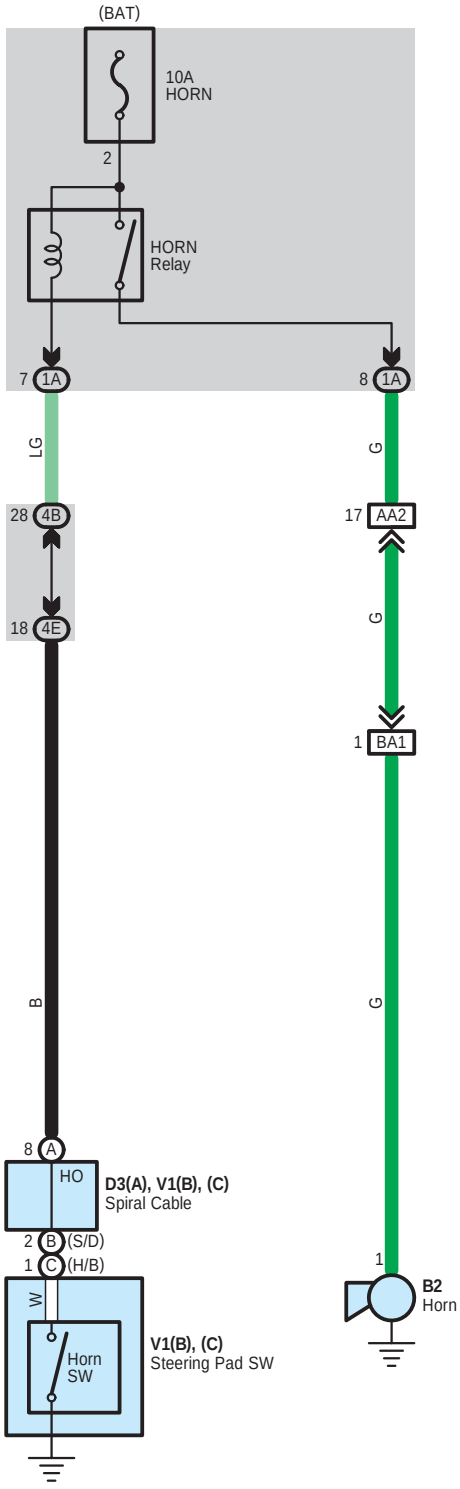
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	

: Ground Points

Code	See Page	Ground Points Location
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left


(BAT)
10A
HORN
2
HORN
Relay
7 1A
8 1A
LG
G
28 4B
17 AA2
18 4E
G
1 BA1
B
G
8 A
HO
D3(A), V1(B), (C)
Spiral Cable
2 B (S/D)
1 C (H/B)
W
Horn
SW
V1(B), (C)
Steering Pad SW
1
B2
Horn

○ : Parts Location

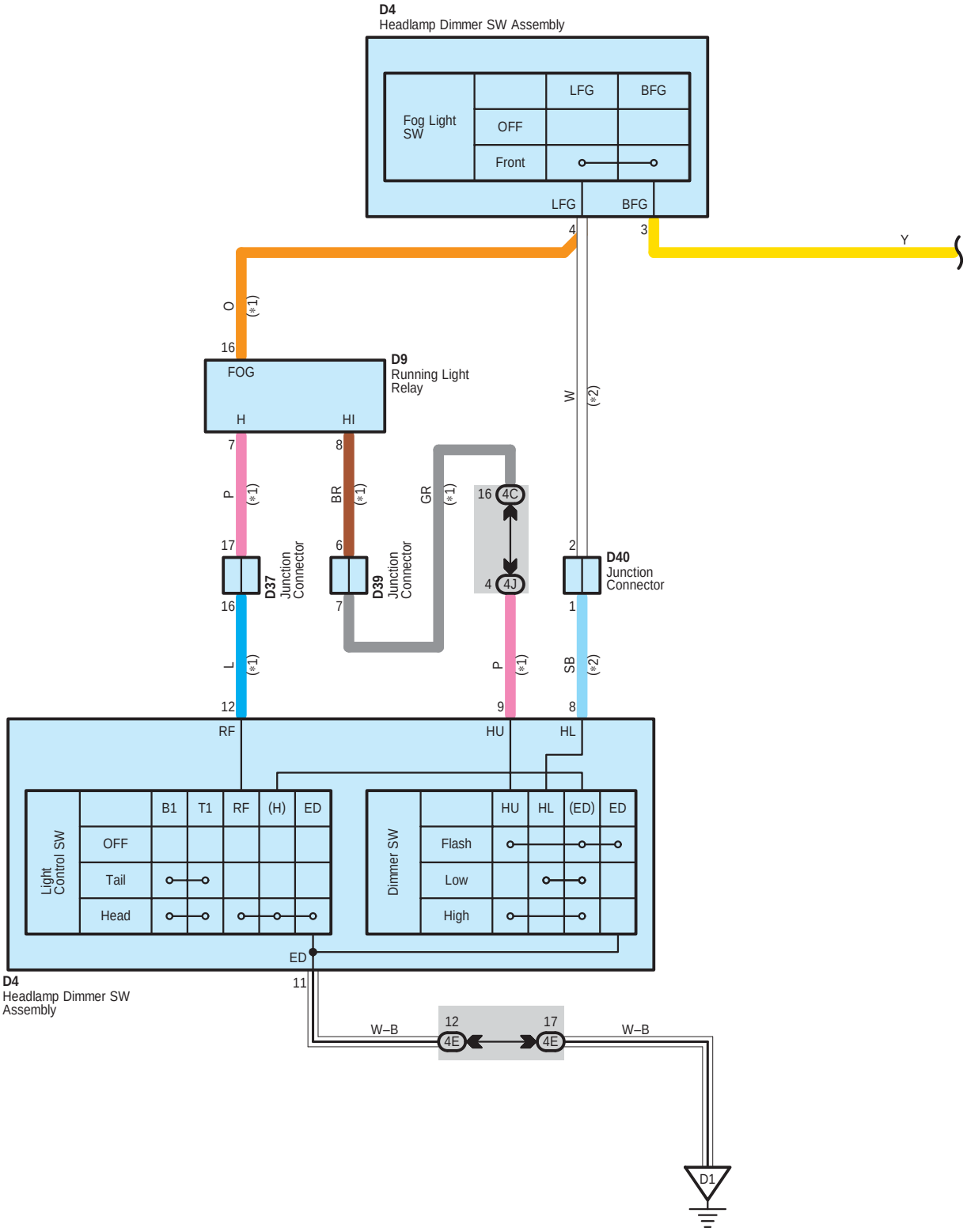
Code	See Page	Code		See Page	Code		See Page
B2	46 (H/B)	D3	A	51 (H/B)	V1	B	52 (S/D)
	48 (S/D)			53 (S/D)		C	50 (H/B)

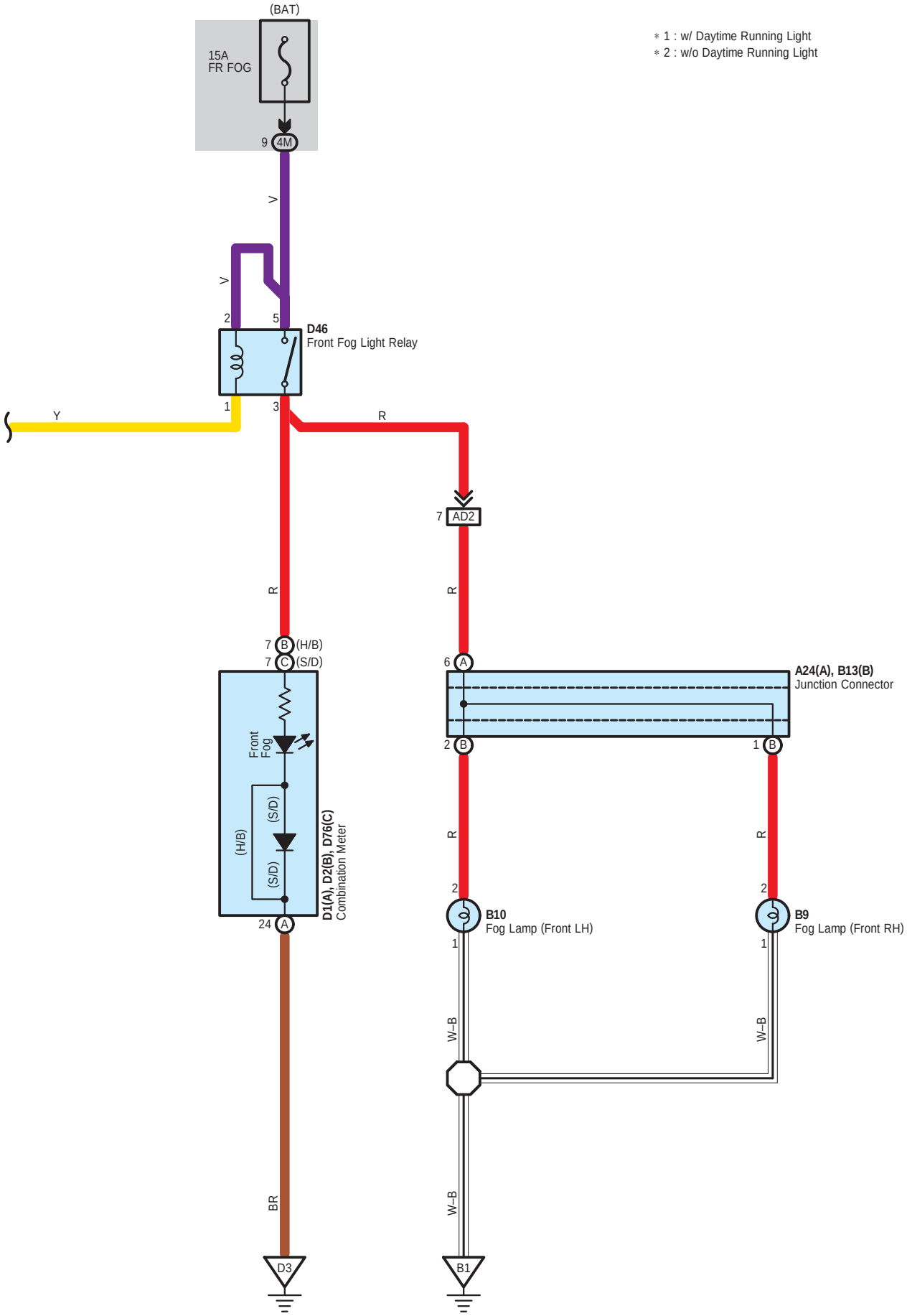
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
BA1	60 (H/B)	Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	


D4
Headlamp Dimmer SW Assembly
Fog Light SW
LFG
BFG
OFF
Front
4
3
Y
O
(*1)
16
D9
Running Light Relay
FOG
H
HI
W
(*2)
7
8
P
BR
GR
16 4C
17
6
2
D37 Junction Connector
D39 Junction Connector
4 4J
D40 Junction Connector
16
7
1
L
P
SB
12
9
8
RF
HU
HL
Light Control SW
B1
T1
RF
(H)
ED
OFF
Tail
Head
Dimmer SW
HU
HL
(ED)
ED
Flash
Low
High
ED
11
D4
Headlamp Dimmer SW Assembly
W–B
12 4E
17 4E
W–B
D1


(BAT)
15A
FR FOG
9 4M
V
V
2
5
D46
Front Fog Light Relay
1
3
Y
R
7 AD2
R
R
7 B (H/B)
7 C (S/D)
6 A
A24(A), B13(B)
Junction Connector
2 B
1 B
Front Fog
(H/B)
(S/D)
(S/D)
D1(A), D2(B), D76(C)
Combination Meter
24 A
R
R
2
2
B10
Fog Lamp (Front LH)
B9
Fog Lamp (Front RH)
1
1
W-B
W-B
W-B
BR
D3
B1
∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light

Front Fog Light

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A24	A	46 (H/B)	D1	A	51 (H/B)	D37		53 (S/D)
		48 (S/D)			53 (S/D)	D39		51 (H/B)
B9		46 (H/B)	D2	B	51 (H/B)			53 (S/D)
		48 (S/D)	D4		51 (H/B)	D40		51 (H/B)
B10		46 (H/B)			53 (S/D)			53 (S/D)
		48 (S/D)	D9		51 (H/B)	D46		51 (H/B)
B13	B	46 (H/B)			53 (S/D)			53 (S/D)
		48 (S/D)	D37		51 (H/B)	D76	C	53 (S/D)

⬭ : Junction Block and Wire Harness Connector

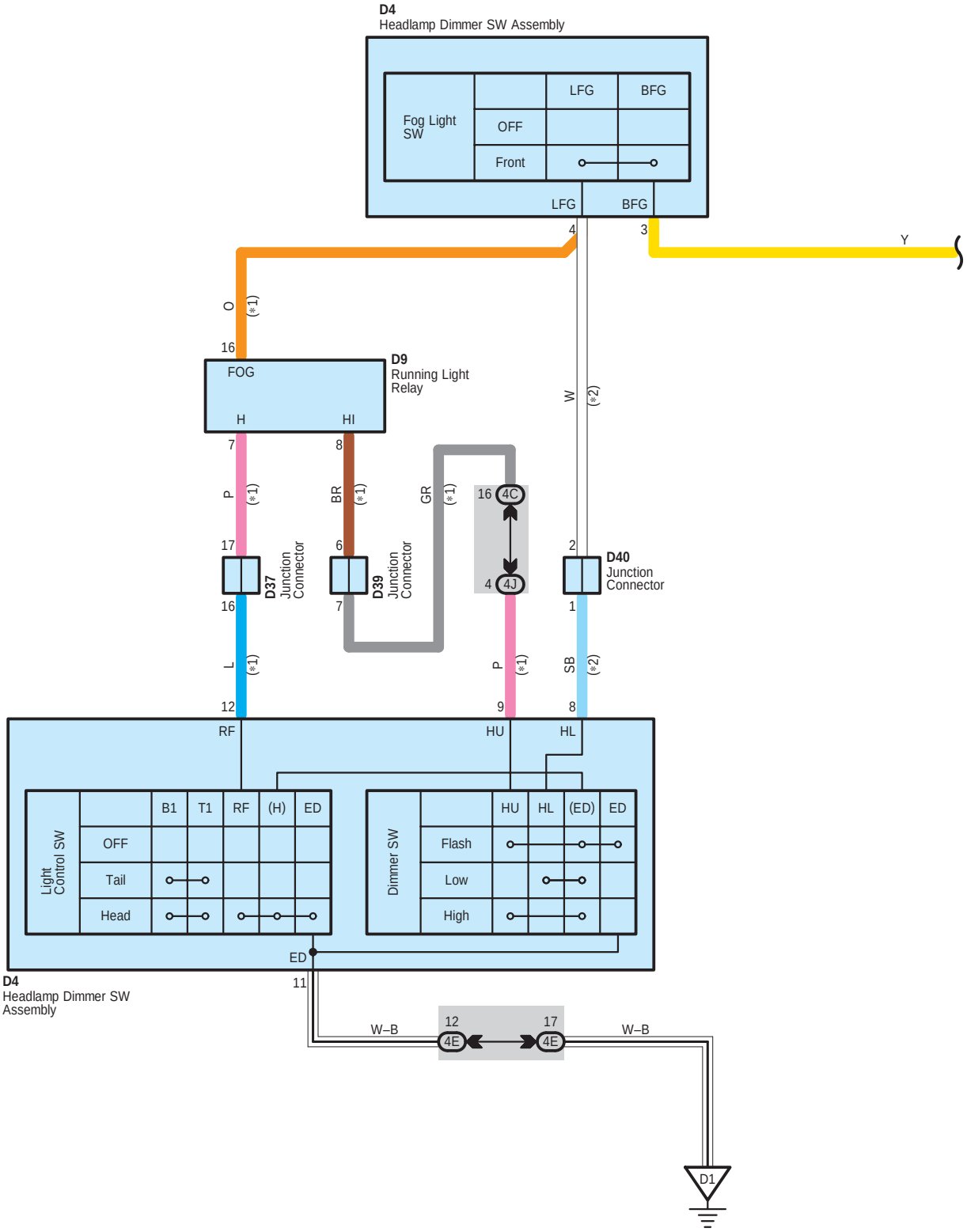
Code	See Page	Junction Block and Wire Harness (Connector Location)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4J		
4M	31	

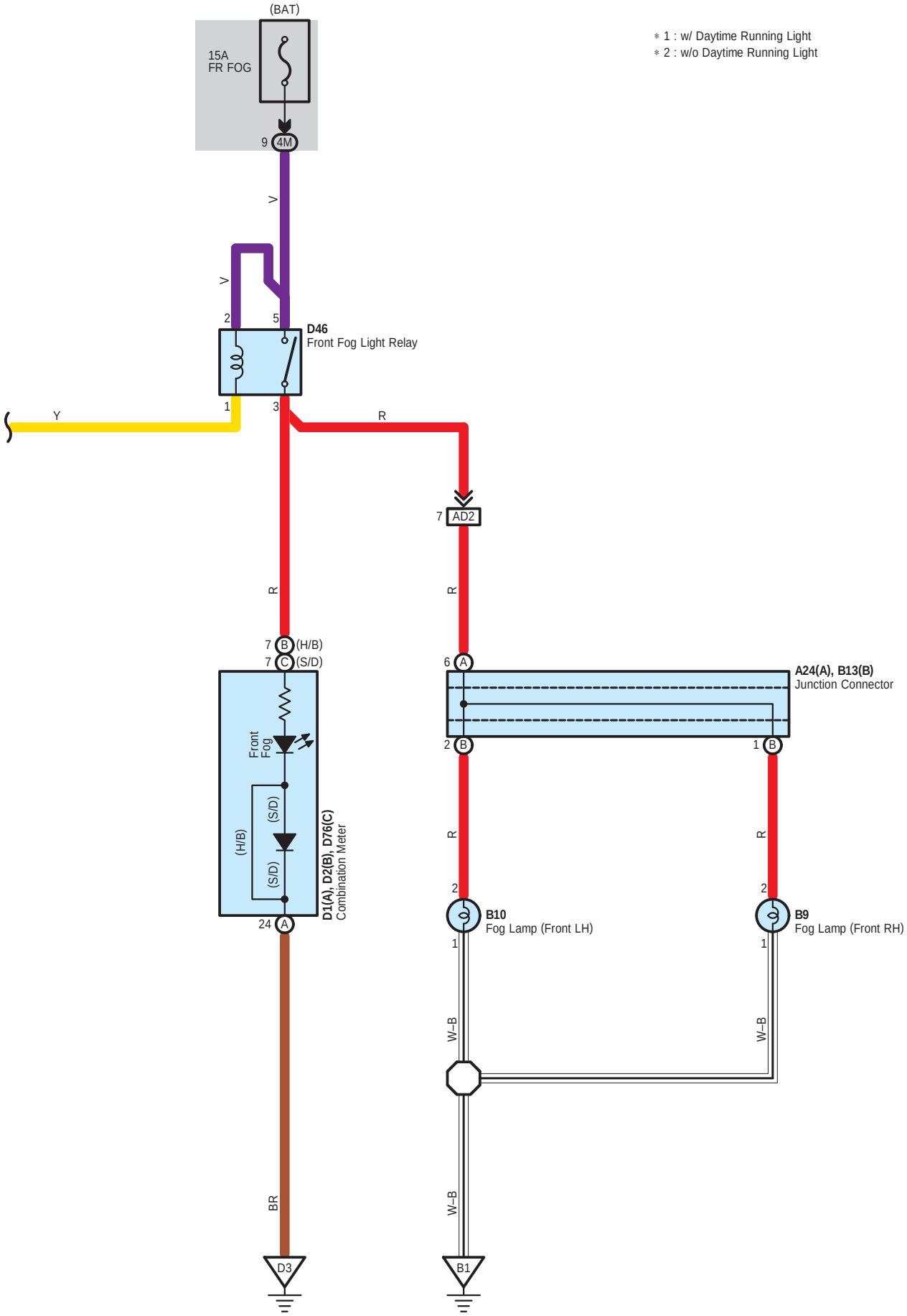
▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

▽ : Ground Points

Code	See Page	Ground Points Location
B1	60 (H/B)	Radiator Support Left
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


D4
Headlamp Dimmer SW Assembly
Fog Light SW
LFG
BFG
OFF
Front
4
3
Y
O
(*1)
16
D9
Running Light Relay
FOG
H
HI
W
(*2)
7
8
P
BR
GR
16 4C
17
6
2
D37 Junction Connector
D39 Junction Connector
4 4J
D40 Junction Connector
16
7
1
L
P
SB
12
9
8
RF
HU
HL
Light Control SW
B1
T1
RF
(H)
ED
OFF
Tail
Head
Dimmer SW
HU
HL
(ED)
ED
Flash
Low
High
ED
11
D4
Headlamp Dimmer SW Assembly
W–B
12 4E
17 4E
W–B
D1


(BAT)
15A
FR FOG
9 4M
V
V
2
5
D46
Front Fog Light Relay
1
3
Y
R
7 AD2
R
R
7 B (H/B)
7 C (S/D)
6 A
A24(A), B13(B)
Junction Connector
2 B
1 B
Front Fog
(H/B)
(S/D)
(S/D)
D1(A), D2(B), D76(C)
Combination Meter
24 A
R
R
2
2
B10
Fog Lamp (Front LH)
B9
Fog Lamp (Front RH)
1
1
W-B
W-B
W-B
BR
D3
B1
∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light

Front Fog Light

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A24	A	46 (H/B)	D1	A	51 (H/B)	D37		53 (S/D)
		48 (S/D)			53 (S/D)	D39		51 (H/B)
B9		46 (H/B)	D2	B	51 (H/B)			53 (S/D)
		48 (S/D)	D4		51 (H/B)	D40		51 (H/B)
B10		46 (H/B)			53 (S/D)			53 (S/D)
		48 (S/D)	D9		51 (H/B)	D46		51 (H/B)
B13	B	46 (H/B)			53 (S/D)			53 (S/D)
		48 (S/D)	D37		51 (H/B)	D76	C	53 (S/D)

⬭ : Junction Block and Wire Harness Connector

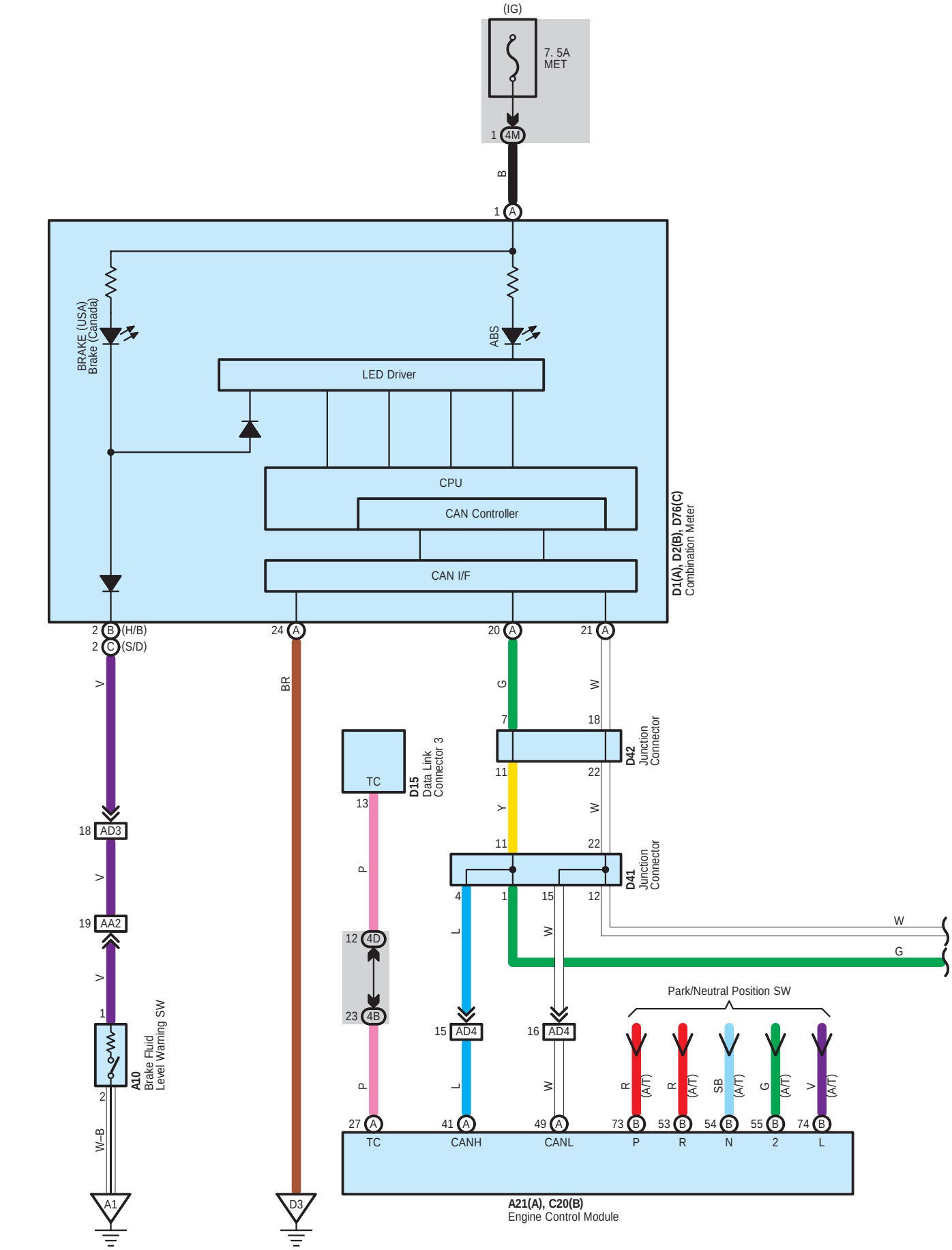
Code	See Page	Junction Block and Wire Harness (Connector Location)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4J		
4M	31	

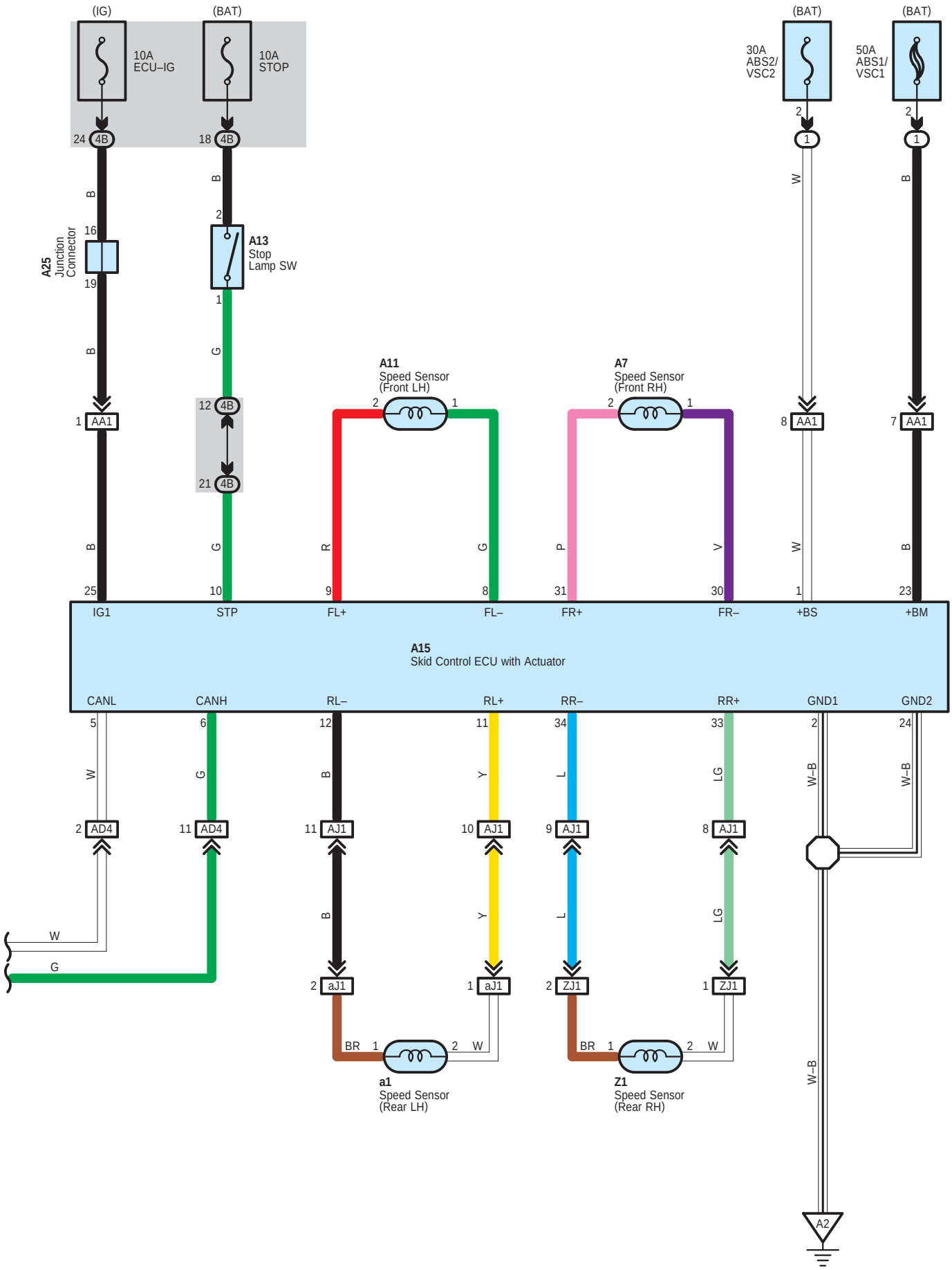
▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

▽ : Ground Points

Code	See Page	Ground Points Location
B1	60 (H/B)	Radiator Support Left
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


(IG)
7. 5A
MET
1 4M
B
1 A
BRAKE (USA)
Brake (Canada)
ABS
LED Driver
CPU
CAN Controller
CAN I/F
D1(A), D2(B), D76(C)
Combination Meter
2 B (H/B)
2 C (S/D)
24 A
20 A
21 A
V
BR
G
W
7
18
11
22
Y
W
11
22
TC
13
D15
Data Link
Connector 3
D42
Junction
Connector
D41
Junction
Connector
P
4
1
15
12
L
W
W
G
12 4D
23 4B
Park/Neutral Position SW
15 AD4
16 AD4
18 AD3
19 AA2
V
V
1
2
W–B
A10
Brake Fluid
Level Warning SW
A1
D3
R (A/T)
R (A/T)
SB (A/T)
G (A/T)
V (A/T)
27 A
41 A
49 A
73 B
53 B
54 B
55 B
74 B
TC
CANH
CANL
P
R
N
2
L
A21(A), C20(B)
Engine Control Module


(IG)
(BAT)
10A
ECU–IG
10A
STOP
(BAT)
(BAT)
30A
ABS2/
VSC2
50A
ABS1/
VSC1
24 4B
18 4B
2
1
2
1
B
B
W
B
A25
Junction
Connector
16
19
2
A13
Stop
Lamp SW
1
B
G
W
B
1 AA1
12 4B
21 4B
8 AA1
7 AA1
A11
Speed Sensor
(Front LH)
A7
Speed Sensor
(Front RH)
2
1
2
1
R
G
P
V
B
G
W
B
25
10
9
8
31
30
1
23
IG1
STP
FL+
FL–
FR+
FR–
+BS
+BM
A15
Skid Control ECU with Actuator
CANL
CANH
RL–
RL+
RR–
RR+
GND1
GND2
5
6
12
11
34
33
2
24
W
G
B
Y
L
LG
W–B
W–B
2 AD4
11 AD4
11 AJ1
10 AJ1
9 AJ1
8 AJ1
W
G
B
Y
L
LG
W–B
2 aJ1
1 aJ1
2 ZJ1
1 ZJ1
BR
1
2
W
BR
1
2
W
A2
a1
Speed Sensor
(Rear LH)
Z1
Speed Sensor
(Rear RH)

System Outline

1. Speed Sensor

Detects the wheel speed of each of four wheels.

2. Skid Control ECU

Based on signals from the sensors, it judges the vehicle driving condition and sends the brake control signal to the brake actuator.

3. ABS Warning Light

Lights up to alert the driver when the ECU detects a malfunction in the ABS system and stopps the system.

4. Brake Warning Light

Lights up simultaneously with the ABS warning light to alert the driver when the ECU detects a malfunction not only in the ABS but also in the EBD. Single light–up of the brake warning light alerts the driver when the ECU detects a malfunction in the brake system.

5. Engine Control Computer

Sends signals such as park/neutral position SW, TC switch, etc., to the skid control ECU with actuator.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A7	46 (H/B)	A21 A	48 (S/D)	D41	53 (S/D)
	48 (S/D)	A25	46 (H/B)	D42	51 (H/B)
A10	46 (H/B)		48 (S/D)		53 (S/D)
	48 (S/D)	C20 B	47 (H/B)	D76 C	53 (S/D)
A11	46 (H/B)		49 (S/D)	Z1	54 (5–Door)
	48 (S/D)	D1 A	51 (H/B)		56 (3–Door)
A13	50 (H/B)		53 (S/D)		58 (4–Door)
	52 (S/D)	D2 B	51 (H/B)	a1	54 (5–Door)
A15	46 (H/B)	D15	51 (H/B)		56 (3–Door)
	48 (S/D)		53 (S/D)		58 (4–Door)
A21 A	46 (H/B)	D41	51 (H/B)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA1	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AA2	62 (H/B)	
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
AJ1	62 (H/B)	Engine Room Main Wire and Floor Wire (Instrument Panel Left)
	63 (S/D)	
ZJ1	64 (5–Door)	Skid Control Sensor RH Wire and Floor Wire (Quarter Wheel House Panel RH)
	65 (3–Door)	
	66 (4–Door)	
aJ1	64 (5–Door)	Skid Control Sensor LH Wire and Floor Wire (Quarter Wheel House Panel LH)
	65 (3–Door)	
	66 (4–Door)	

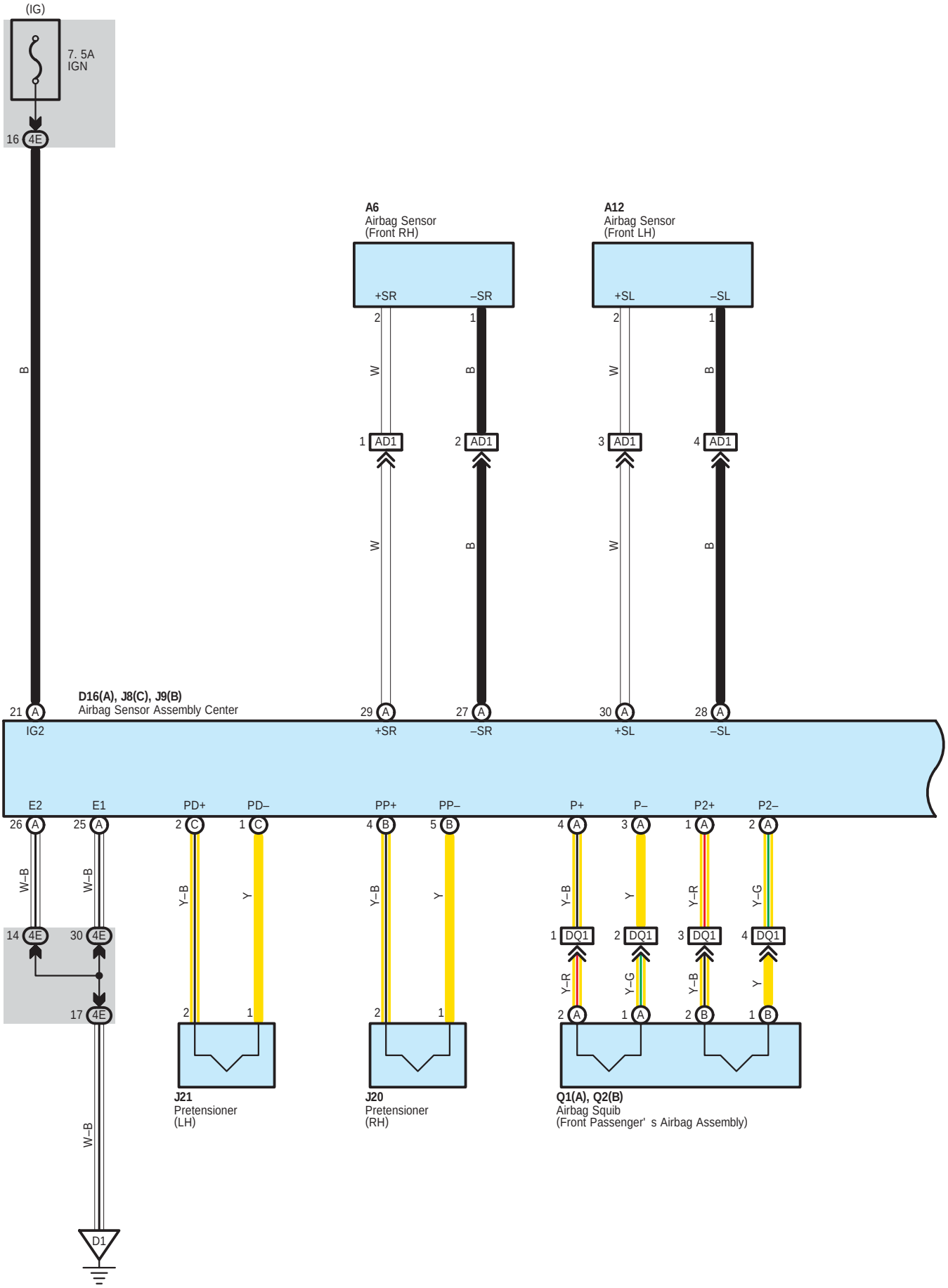
: Ground Points

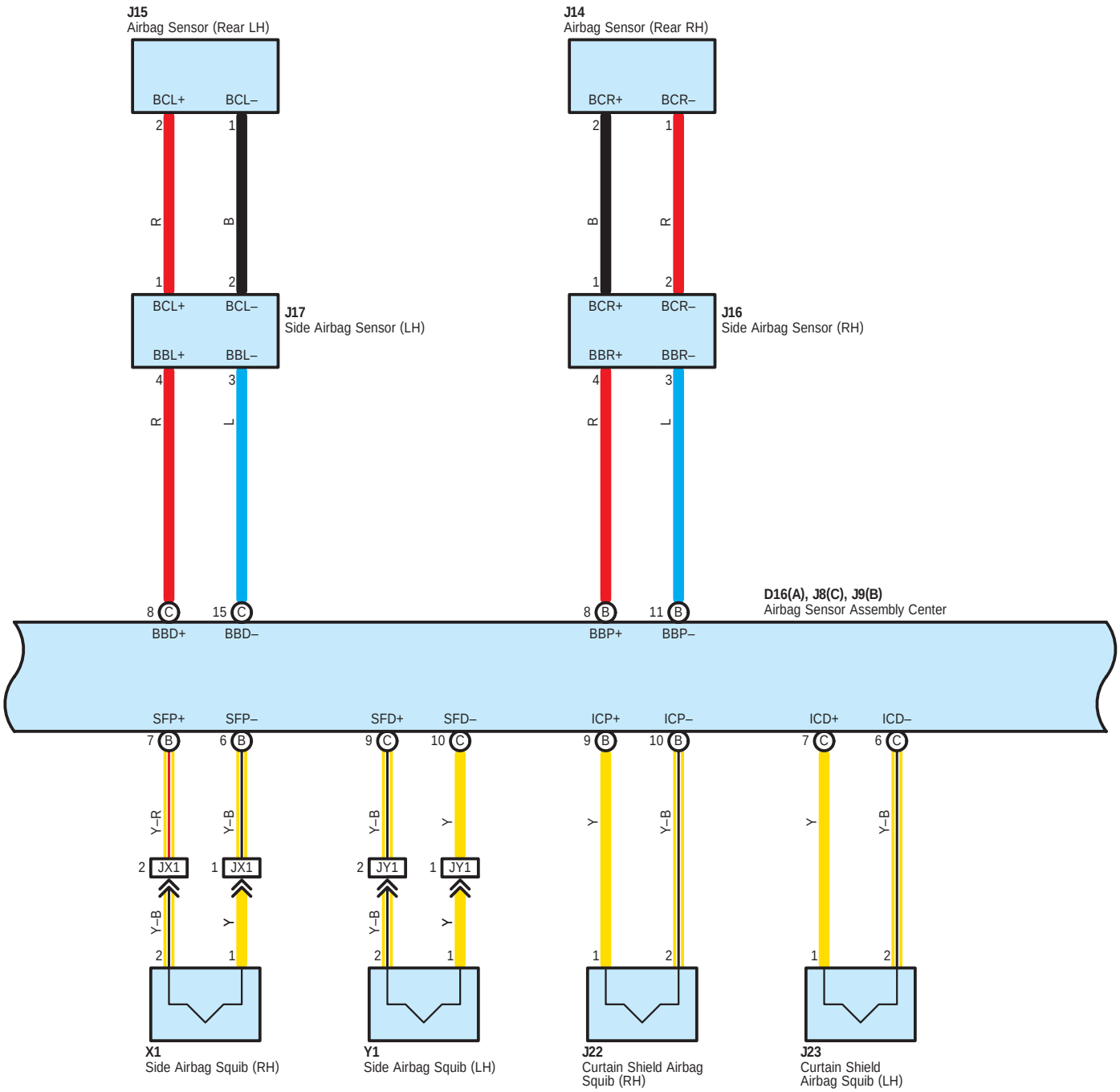
Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
A2	60 (H/B)	
	61 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	

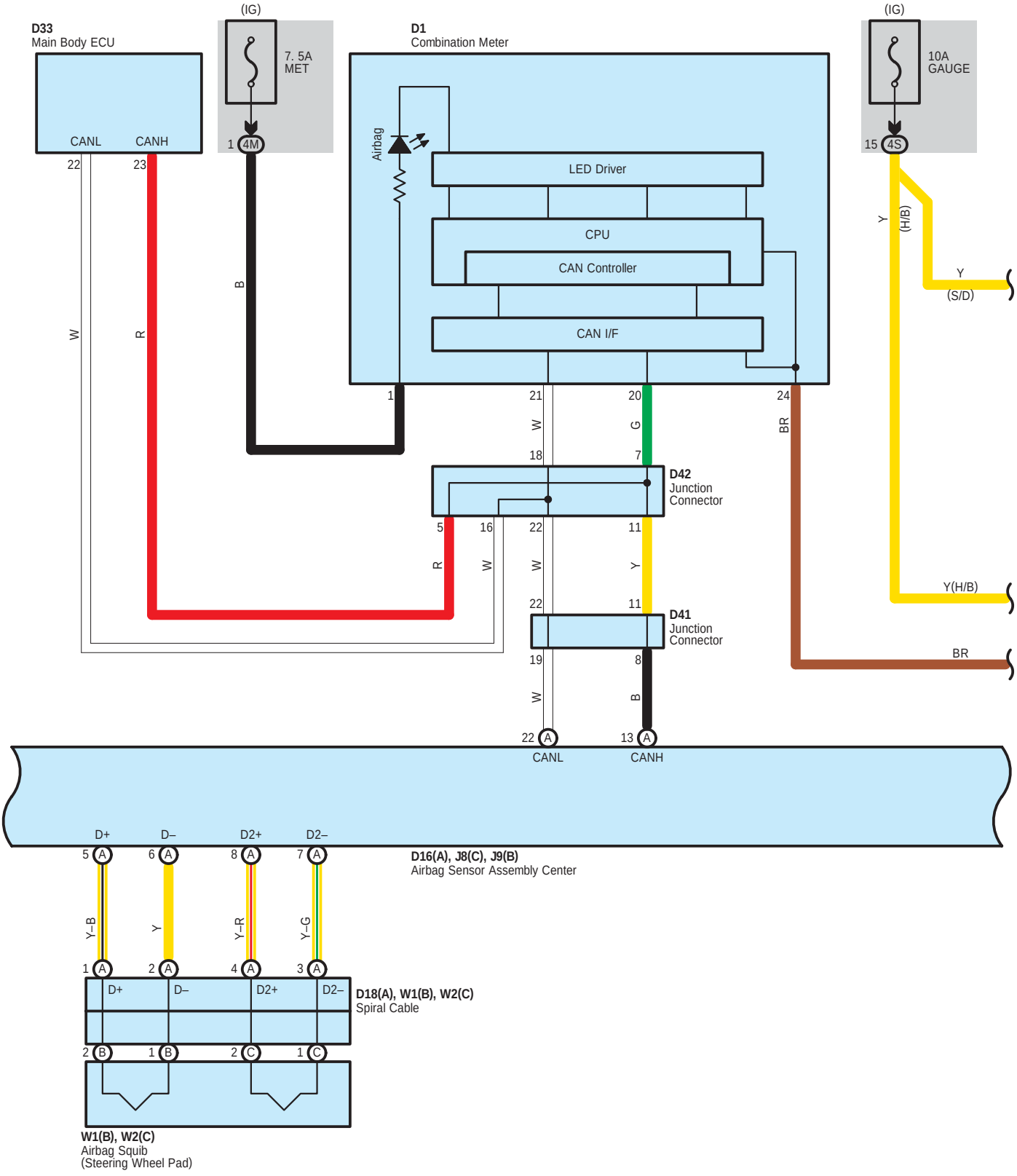
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

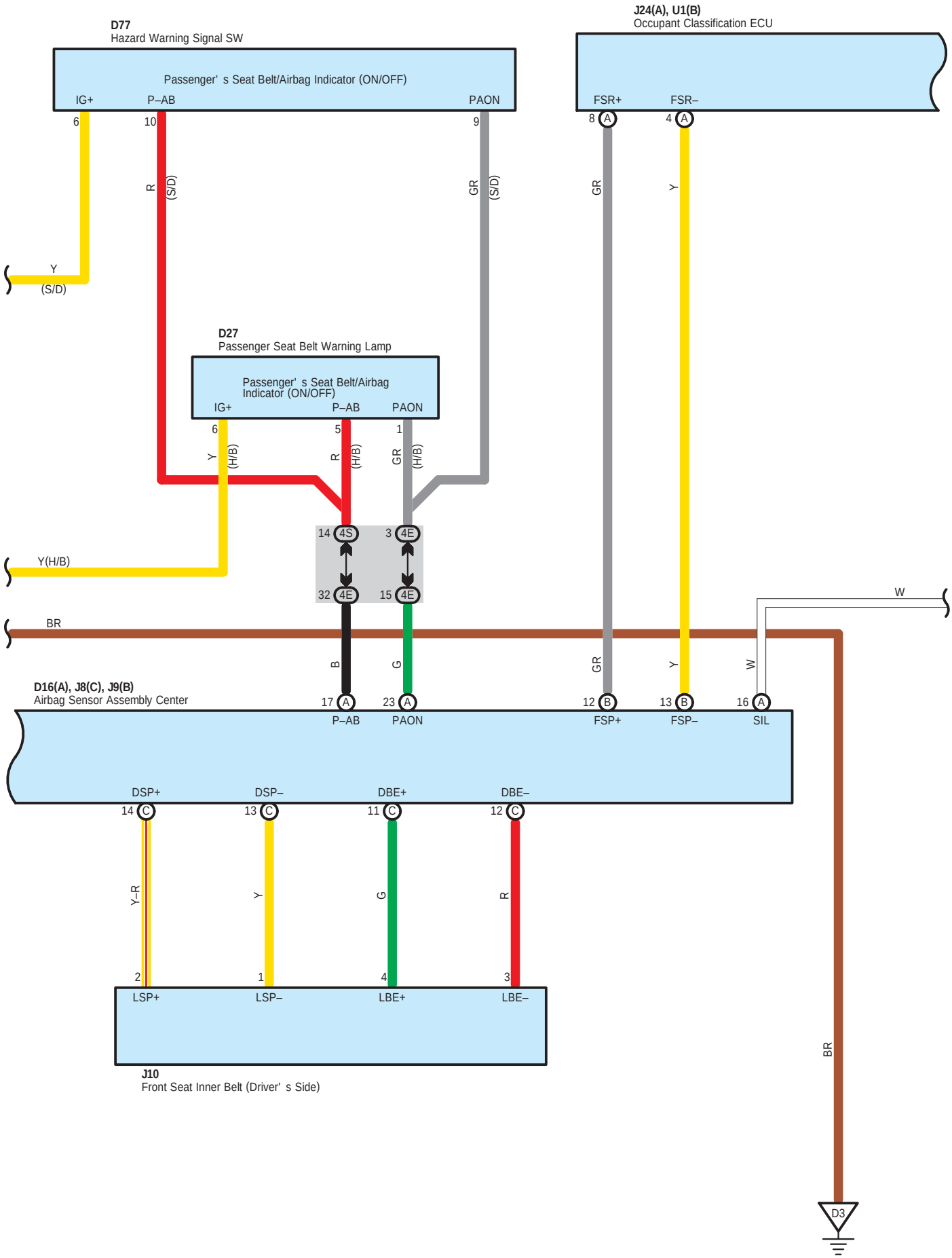
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is turned to the "LOCK" position and the negative (–) terminal cable is disconnected from the battery.**
  (The SRS is equipped with a back–up power source so that if work is started within 90 seconds from disconnecting the negative (–) terminal cable of the battery, the SRS may deploy.)
- When the negative (–) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back–up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

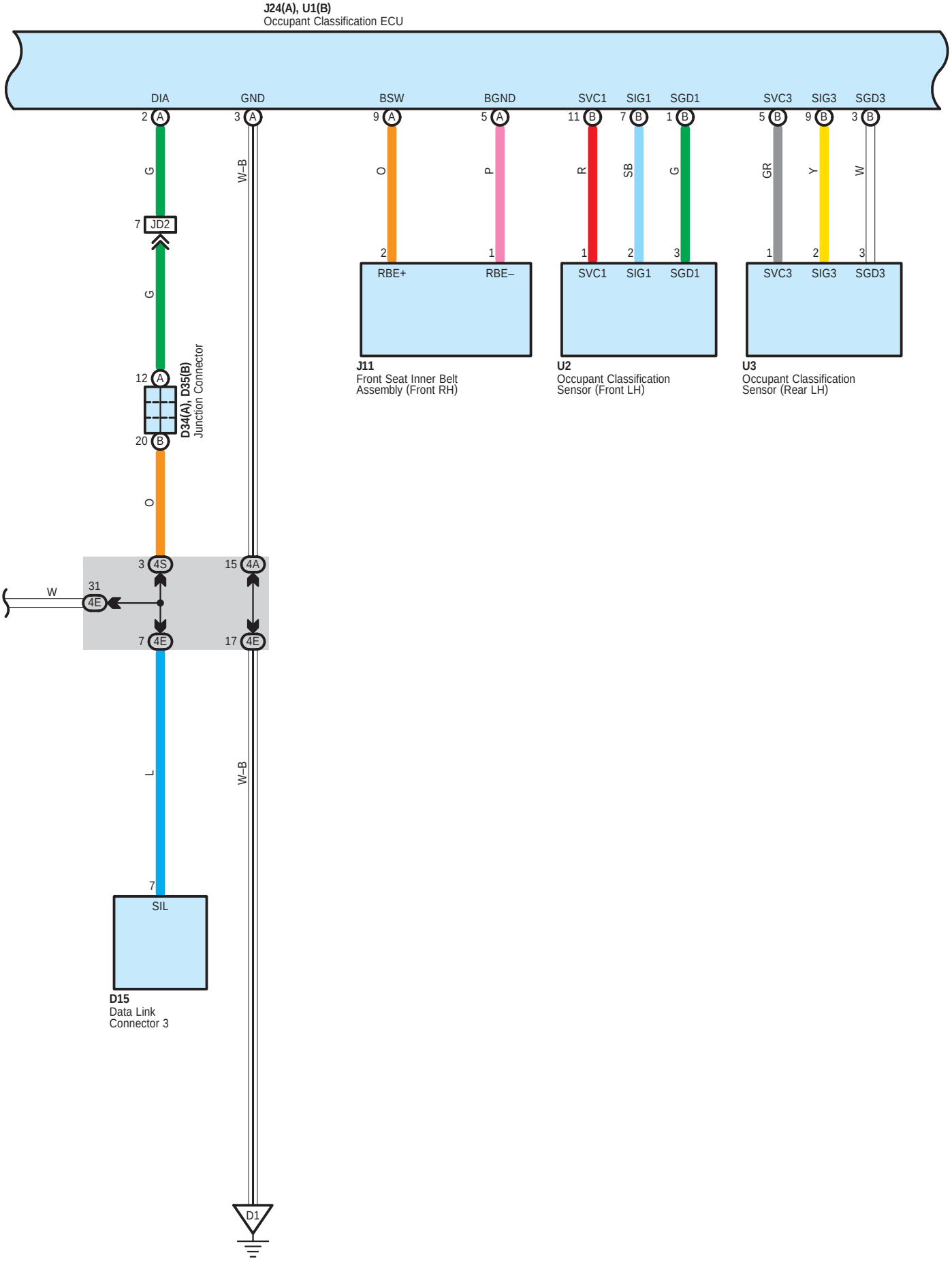
* Steering wheel pad
* Front passenger airbag assembly
* Side airbag assembly
* Curtain shield airbag assembly
* Seat belt pretensioner
* Center airbag sensor assembly
* Front airbag sensor assembly
* Side airbag sensor assembly
* Rear airbag sensor assembly

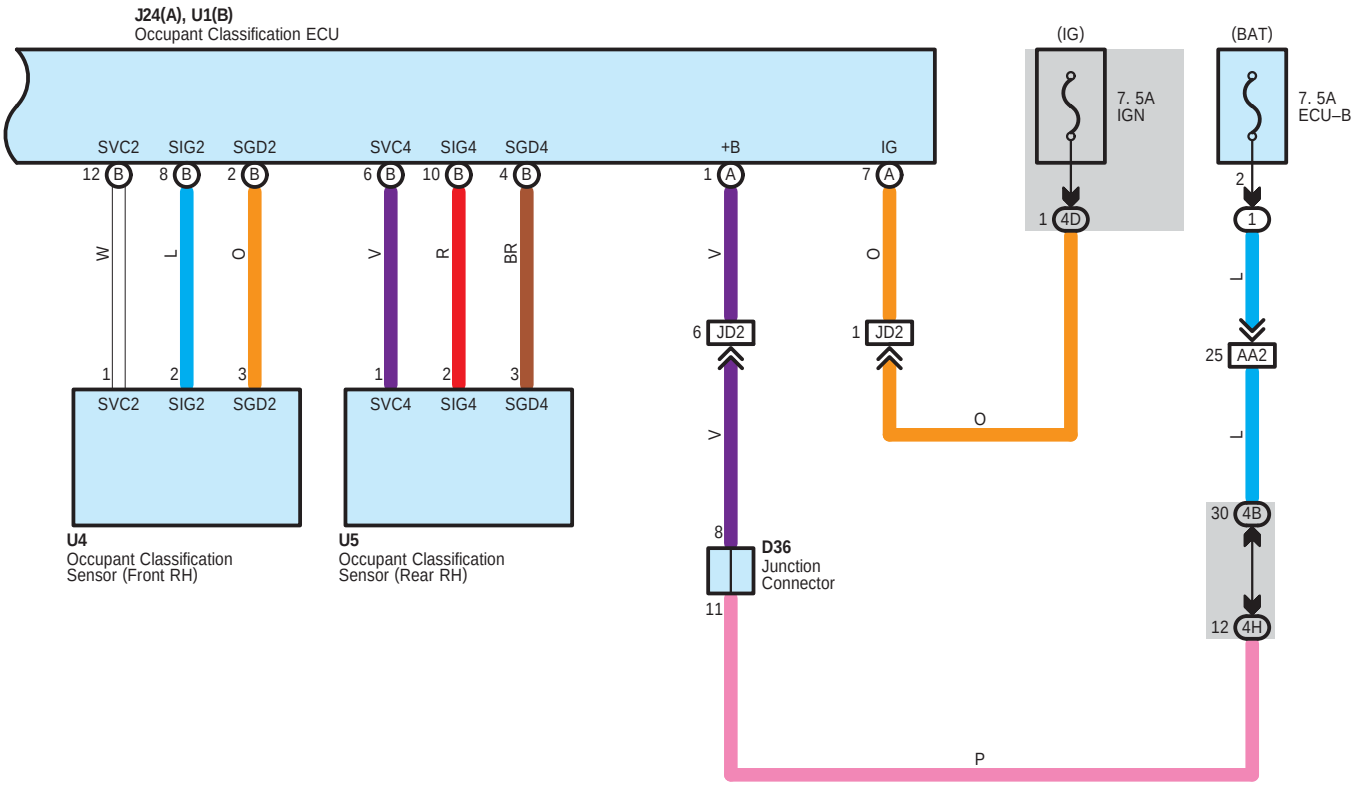

(IG)
7. 5A
IGN
16 4E
B
A6
Airbag Sensor
(Front RH)
+SR
–SR
2
1
W
B
1 AD1
2 AD1
A12
Airbag Sensor
(Front LH)
+SL
–SL
2
1
W
B
3 AD1
4 AD1
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
21 A
IG2
29 A
+SR
27 A
–SR
30 A
+SL
28 A
–SL
E2
E1
PD+
PD–
PP+
PP–
P+
P–
P2+
P2–
26 A
25 A
2 C
1 C
4 B
5 B
4 A
3 A
1 A
2 A
W–B
W–B
Y–B
Y
Y–B
Y
Y–B
Y
Y–R
Y–G
14 4E
30 4E
17 4E
1 DQ1
2 DQ1
3 DQ1
4 DQ1
Y–R
Y–G
Y–B
Y
2 A
1 A
2 B
1 B
W–B
D1
J21
Pretensioner
(LH)
J20
Pretensioner
(RH)
Q1(A), Q2(B)
Airbag Squib
(Front Passenger' s Airbag Assembly)


J15
Airbag Sensor (Rear LH)
BCL+
BCL–
2
1
R
B
1
2
BCL+
BCL–
J17
Side Airbag Sensor (LH)
BBL+
BBL–
4
3
R
L
8 C
BBD+
15 C
BBD–
J14
Airbag Sensor (Rear RH)
BCR+
BCR–
2
1
B
R
1
2
BCR+
BCR–
J16
Side Airbag Sensor (RH)
BBR+
BBR–
4
3
R
L
8 B
BBP+
11 B
BBP–
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
SFP+
SFP–
7 B
6 B
Y–R
Y–B
2 JX1
1 JX1
Y–B
Y
2
1
X1
Side Airbag Squib (RH)
SFD+
SFD–
9 C
10 C
Y–B
Y
2 JY1
1 JY1
Y–B
Y
2
1
Y1
Side Airbag Squib (LH)
ICP+
ICP–
9 B
10 B
Y
Y–B
1
2
J22
Curtain Shield Airbag
Squib (RH)
ICD+
ICD–
7 C
6 C
Y
Y–B
1
2
J23
Curtain Shield
Airbag Squib (LH)


D33
Main Body ECU
CANL
CANH
22
23
W
R
(IG)
7. 5A
MET
1
4M
B
D1
Combination Meter
Airbag
LED Driver
CPU
CAN Controller
CAN I/F
1
21
W
18
20
G
7
24
BR
D42
Junction
Connector
5
R
16
W
22
W
11
Y
D41
Junction
Connector
22
11
19
W
8
B
22
A
CANL
13
A
CANH
(IG)
10A
GAUGE
15
4S
Y
(H/B)
Y
(S/D)
Y(H/B)
BR
D+
D–
D2+
D2–
5
A
6
A
8
A
7
A
Y–B
Y
Y–R
Y–G
1
A
2
A
4
A
3
A
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
D+
D–
D2+
D2–
D18(A), W1(B), W2(C)
Spiral Cable
2
B
1
B
2
C
1
C
W1(B), W2(C)
Airbag Squib
(Steering Wheel Pad)


D77
Hazard Warning Signal SW
Passenger' s Seat Belt/Airbag Indicator (ON/OFF)
IG+
P–AB
PAON
6
10
9
R
(S/D)
GR
(S/D)
Y
(S/D)
J24(A), U1(B)
Occupant Classification ECU
FSR+
FSR–
8 A
4 A
GR
Y
D27
Passenger Seat Belt Warning Lamp
Passenger' s Seat Belt/Airbag Indicator (ON/OFF)
IG+
P–AB
PAON
6
5
1
Y
(H/B)
R
(H/B)
GR
(H/B)
14 4S
3 4E
32 4E
15 4E
Y(H/B)
BR
W
B
G
GR
Y
W
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
17 A
23 A
12 B
13 B
16 A
P–AB
PAON
FSP+
FSP–
SIL
DSP+
DSP–
DBE+
DBE–
14 C
13 C
11 C
12 C
Y–R
Y
G
R
2
1
4
3
LSP+
LSP–
LBE+
LBE–
J10
Front Seat Inner Belt (Driver' s Side)
BR
D3


J24(A), U1(B)
Occupant Classification ECU
DIA
GND
BSW
BGND
SVC1
SIG1
SGD1
SVC3
SIG3
SGD3
2 A
3 A
9 A
5 A
11 B
7 B
1 B
5 B
9 B
3 B
G
W–B
O
P
R
SB
G
GR
Y
W
7 JD2
G
12 A
D34(A), D35(B)
Junction Connector
20 B
O
2
1
RBE+
RBE–
J11
Front Seat Inner Belt
Assembly (Front RH)
1
2
3
SVC1
SIG1
SGD1
U2
Occupant Classification
Sensor (Front LH)
1
2
3
SVC3
SIG3
SGD3
U3
Occupant Classification
Sensor (Rear LH)
3 4S
15 4A
W
31
4E
7 4E
17 4E
L
W–B
7
SIL
D15
Data Link
Connector 3
D1


J24(A), U1(B)
Occupant Classification ECU
SVC2
SIG2
SGD2
SVC4
SIG4
SGD4
+B
IG
12 B
8 B
2 B
6 B
10 B
4 B
1 A
7 A
W
L
O
V
R
BR
V
O
1
2
3
1
2
3
SVC2
SIG2
SGD2
SVC4
SIG4
SGD4
U4
Occupant Classification
Sensor (Front RH)
U5
Occupant Classification
Sensor (Rear RH)
6 JD2
1 JD2
V
O
8
D36
Junction
Connector
11
(IG)
7. 5A
IGN
1 4D
(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
30 4B
12 4H
O
P

System Outline

* The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
  – Driver Airbag
  – Front Passenger Airbag
  – Seat Belt Pretensioner
* The system reaches an ignition judgment to deploy the following device based on the signals received from the side airbag sensors.
  – Side Airbags
  – Curtain Shield Airbags
* The dual–stage SRS airbag system has been used for the driver and front passenger airbags. This system controls the optimal airbag inflation by judging the extent of impact, seat position (driver seat) and whether or not the seat belt is fastened(driver seat) and infomation from the Front Passenger Occupant Classification System.
* The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, according to the load applied to the front passenger seat and whether the seat belt is buckled. Based on the results, it restricts the deployment of the front passenger airbag, front passenger side airbag, and front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.
* The airbag sensor assembly transmits a signal to the engine control module in order to stop the fuel pump.
* The Airbag sensor assembly transmits a signal to the main body ECU in order to release the door lock.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A6		46 (H/B)	J10		57 (3–Door)	J24	A	59 (4–Door)
		48 (S/D)			59 (4–Door)	Q1	A	50 (H/B)
A12		46 (H/B)	J11		55 (5–Door)			52 (S/D)
		48 (S/D)			57 (3–Door)	Q2	B	50 (H/B)
D1		51 (H/B)			59 (4–Door)			52 (S/D)
		53 (S/D)	J14		55 (5–Door)	U1	B	54 (5–Door)
D15		51 (H/B)			57 (3–Door)			56 (3–Door)
		53 (S/D)			59 (4–Door)			58 (4–Door)
D16	A	51 (H/B)	J15		55 (5–Door)	U2		54 (5–Door)
		53 (S/D)			57 (3–Door)			56 (3–Door)
D18	A	51 (H/B)			59 (4–Door)			58 (4–Door)
		53 (S/D)	J16		55 (5–Door)	U3		54 (5–Door)
D27		51 (H/B)			57 (3–Door)			56 (3–Door)
D33		51 (H/B)			59 (4–Door)			58 (4–Door)
		53 (S/D)	J17		55 (5–Door)	U4		54 (5–Door)
D34	A	51 (H/B)			57 (3–Door)			56 (3–Door)
		53 (S/D)			59 (4–Door)			58 (4–Door)
D35	B	51 (H/B)	J20		55 (5–Door)	U5		54 (5–Door)
		53 (S/D)			57 (3–Door)			56 (3–Door)
D36		51 (H/B)			59 (4–Door)			58 (4–Door)
		53 (S/D)	J21		55 (5–Door)	W1	B	50 (H/B)
D41		51 (H/B)			57 (3–Door)			52 (S/D)
		53 (S/D)			59 (4–Door)	W2	C	50 (H/B)
D42		51 (H/B)	J22		55 (5–Door)			52 (S/D)
		53 (S/D)			57 (3–Door)	X1		54 (5–Door)
D77		53 (S/D)			59 (4–Door)			56 (3–Door)
J8	C	50 (H/B)	J23		55 (5–Door)			58 (4–Door)
		52 (S/D)			57 (3–Door)	Y1		54 (5–Door)
J9	B	50 (H/B)			59 (4–Door)			56 (3–Door)
		52 (S/D)	J24	A	55 (5–Door)			58 (4–Door)
J10		55 (5–Door)			57 (3–Door)			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

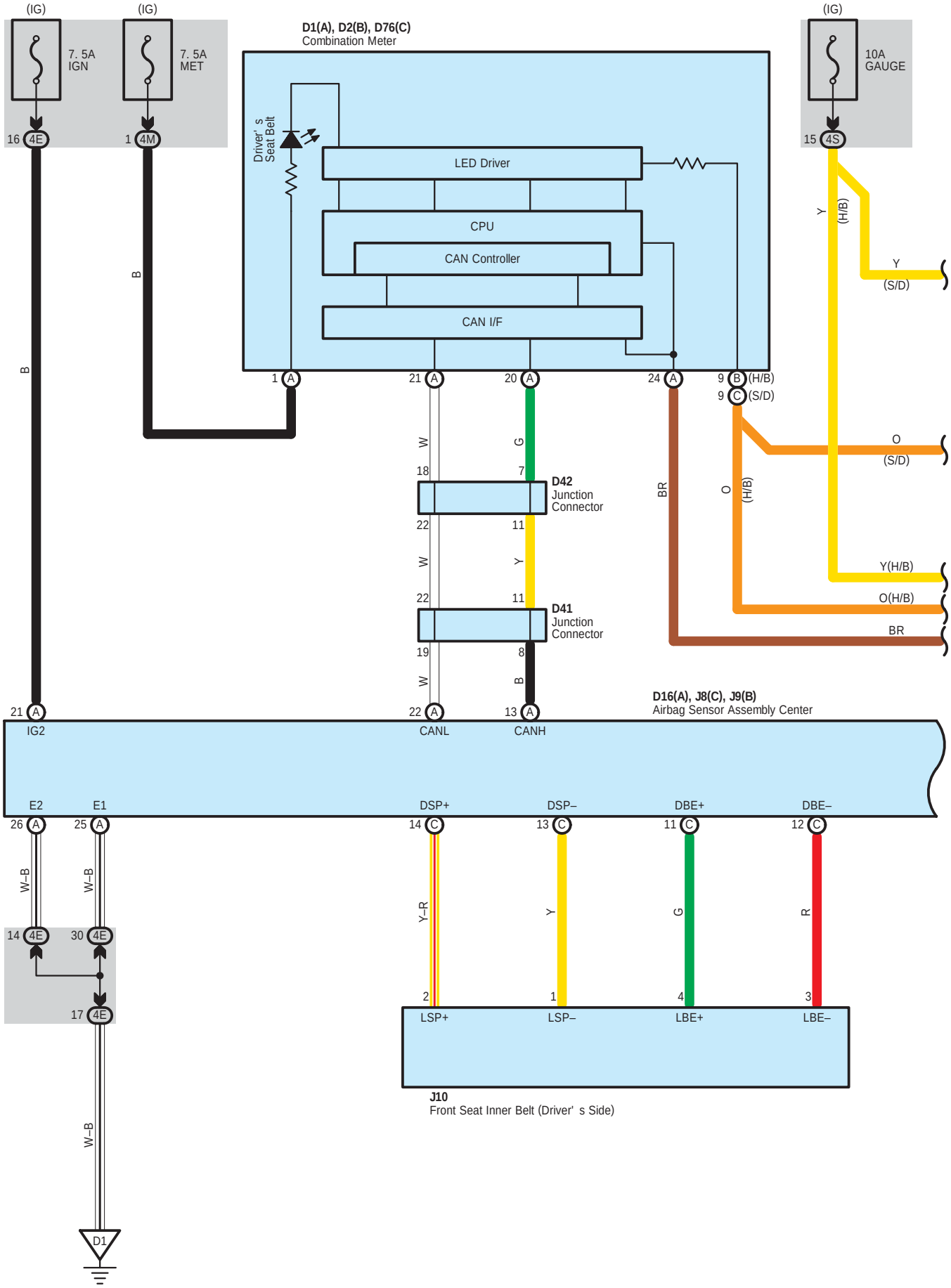
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4H		
4M	31	
4S		

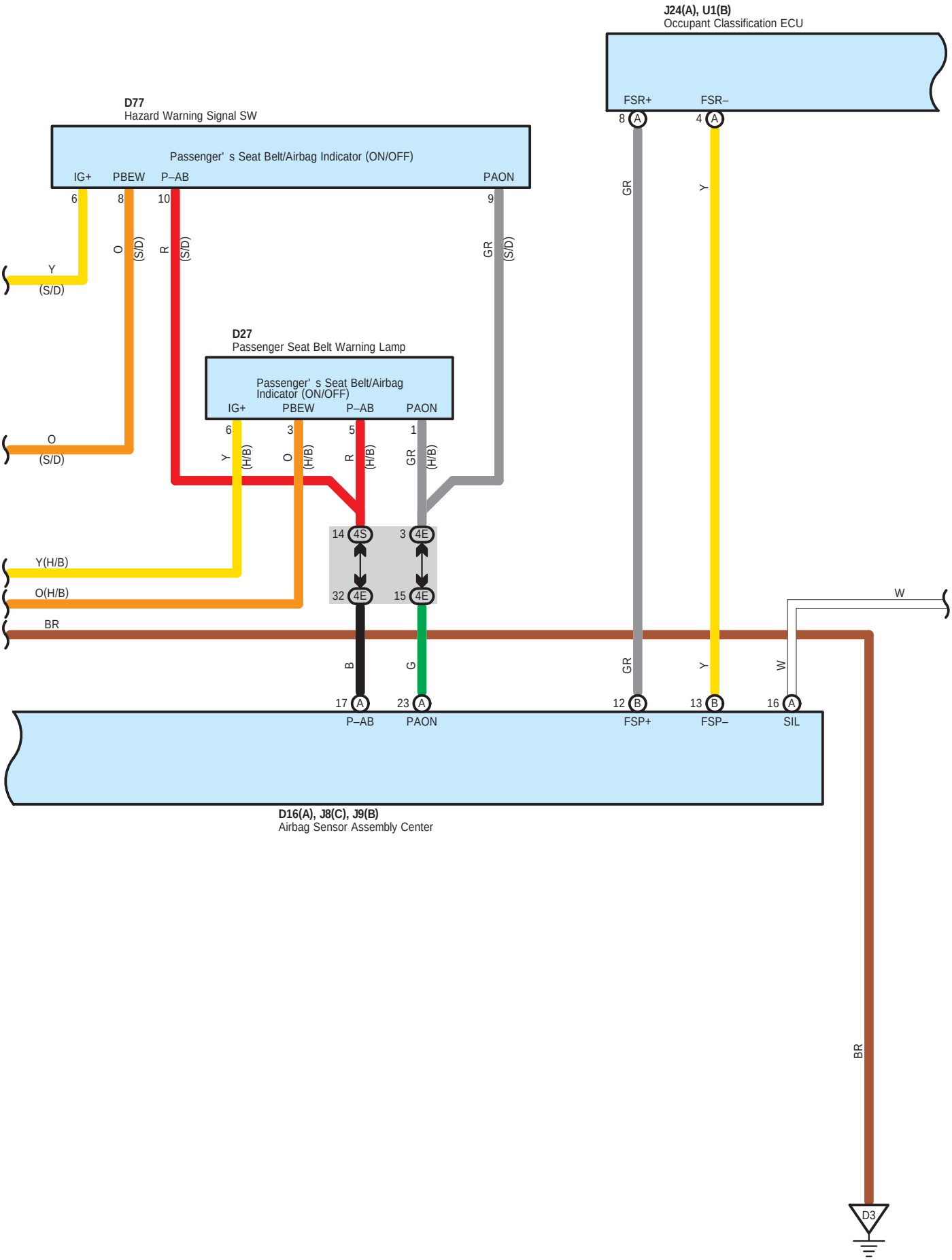
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD1	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
DQ1	62 (H/B)	Instrument Panel Wire and Instrument Panel Wire Assembly (Instrument Panel Right)
	63 (S/D)	
JD2	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
JX1	64 (5–Door)	Floor Wire and Seat Airbag RH Wire (Front Seat RH)
	65 (3–Door)	
	66 (4–Door)	
JY1	64 (5–Door)	Floor Wire and Seat Airbag LH Wire (Front Seat LH)
	65 (3–Door)	
	66 (4–Door)	

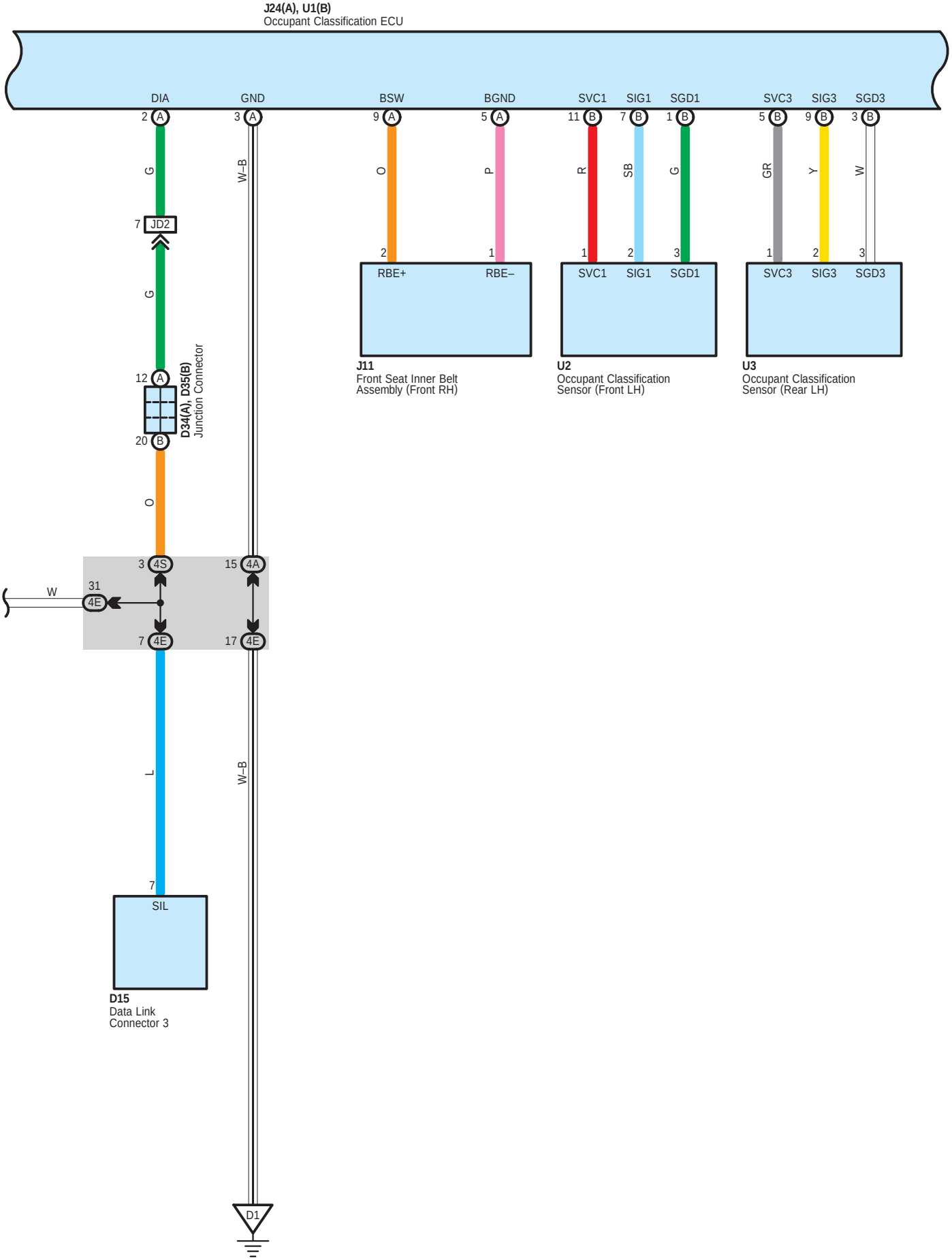
: Ground Points

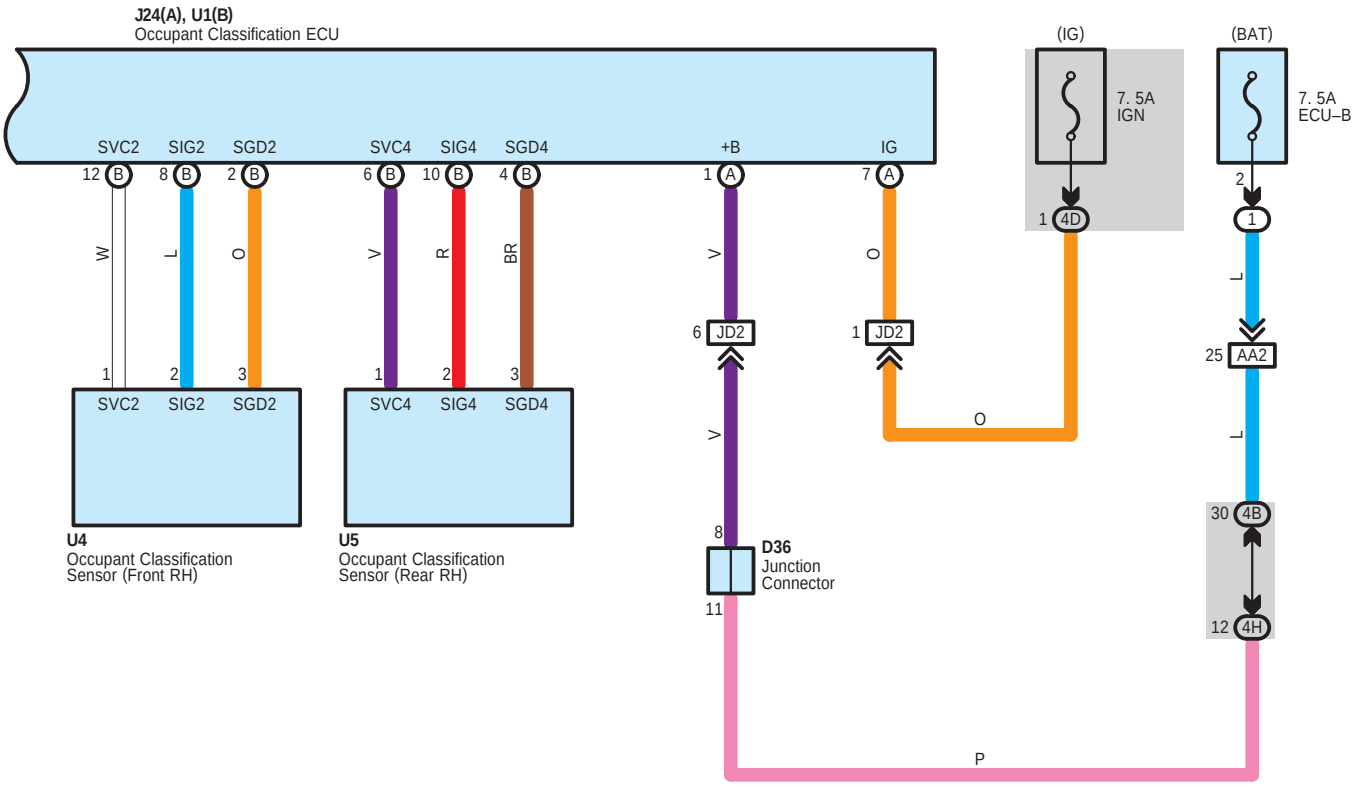
Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


(IG)
7. 5A
IGN
(IG)
7. 5A
MET
D1(A), D2(B), D76(C)
Combination Meter
(IG)
10A
GAUGE
16 4E
1 4M
15 4S
Driver' s
Seat Belt
LED Driver
CPU
CAN Controller
CAN I/F
B
B
Y
(H/B)
Y
(S/D)
1 A
21 A
20 A
24 A
9 B (H/B)
9 C (S/D)
W
G
18
7
D42
Junction
Connector
22
11
W
Y
22
11
D41
Junction
Connector
19
8
W
B
BR
O
(H/B)
O
(S/D)
Y(H/B)
O(H/B)
BR
21 A
IG2
22 A
CANL
13 A
CANH
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
E2
E1
DSP+
DSP–
DBE+
DBE–
26 A
25 A
14 C
13 C
11 C
12 C
W–B
W–B
Y–R
Y
G
R
14 4E
30 4E
17 4E
2
1
4
3
LSP+
LSP–
LBE+
LBE–
J10
Front Seat Inner Belt (Driver' s Side)
W–B
D1


J24(A), U1(B)
Occupant Classification ECU
FSR+
FSR–
8 A
4 A
GR
Y
D77
Hazard Warning Signal SW
Passenger' s Seat Belt/Airbag Indicator (ON/OFF)
IG+
PBEW
P–AB
PAON
6
8
10
9
Y
(S/D)
O
(S/D)
R
(S/D)
GR
(S/D)
D27
Passenger Seat Belt Warning Lamp
Passenger' s Seat Belt/Airbag Indicator (ON/OFF)
IG+
PBEW
P–AB
PAON
6
3
5
1
Y
(H/B)
O
(H/B)
R
(H/B)
GR
(H/B)
O
(S/D)
14 4S
3 4E
32 4E
15 4E
Y(H/B)
O(H/B)
BR
W
B
G
GR
Y
W
17 A
23 A
12 B
13 B
16 A
P–AB
PAON
FSP+
FSP–
SIL
D16(A), J8(C), J9(B)
Airbag Sensor Assembly Center
BR
D3

Seat Belt Warning




J24(A), U1(B)
Occupant Classification ECU
SVC2
SIG2
SGD2
SVC4
SIG4
SGD4
+B
IG
12 B
8 B
2 B
6 B
10 B
4 B
1 A
7 A
W
L
O
V
R
BR
V
O
1
2
3
1
2
3
SVC2
SIG2
SGD2
SVC4
SIG4
SGD4
U4
Occupant Classification
Sensor (Front RH)
U5
Occupant Classification
Sensor (Rear RH)
6 JD2
1 JD2
V
V
8
D36
Junction
Connector
11
(IG)
7. 5A
IGN
1 4D
O
(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
30 4B
12 4H
P

Seat Belt Warning

: Parts Location

Code		See Page	Code		See Page	Code		See Page
D1	A	51 (H/B)	D42		51 (H/B)	J24	A	59 (4–Door)
		53 (S/D)			53 (S/D)	U1	B	54 (5–Door)
D2	B	51 (H/B)	D76	C	53 (S/D)			56 (3–Door)
D15		51 (H/B)	D77		53 (S/D)			58 (4–Door)
		53 (S/D)	J8	C	50 (H/B)	U2		54 (5–Door)
D16	A	51 (H/B)			52 (S/D)			56 (3–Door)
		53 (S/D)	J9	B	50 (H/B)			58 (4–Door)
D27		51 (H/B)			52 (S/D)	U3		54 (5–Door)
D34	A	51 (H/B)	J10		55 (5–Door)			56 (3–Door)
		53 (S/D)			57 (3–Door)			58 (4–Door)
D35	B	51 (H/B)			59 (4–Door)	U4		54 (5–Door)
		53 (S/D)	J11		55 (5–Door)			56 (3–Door)
D36		51 (H/B)			57 (3–Door)			58 (4–Door)
		53 (S/D)			59 (4–Door)	U5		54 (5–Door)
D41		51 (H/B)	J24	A	55 (5–Door)			56 (3–Door)
		53 (S/D)			57 (3–Door)			58 (4–Door)

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

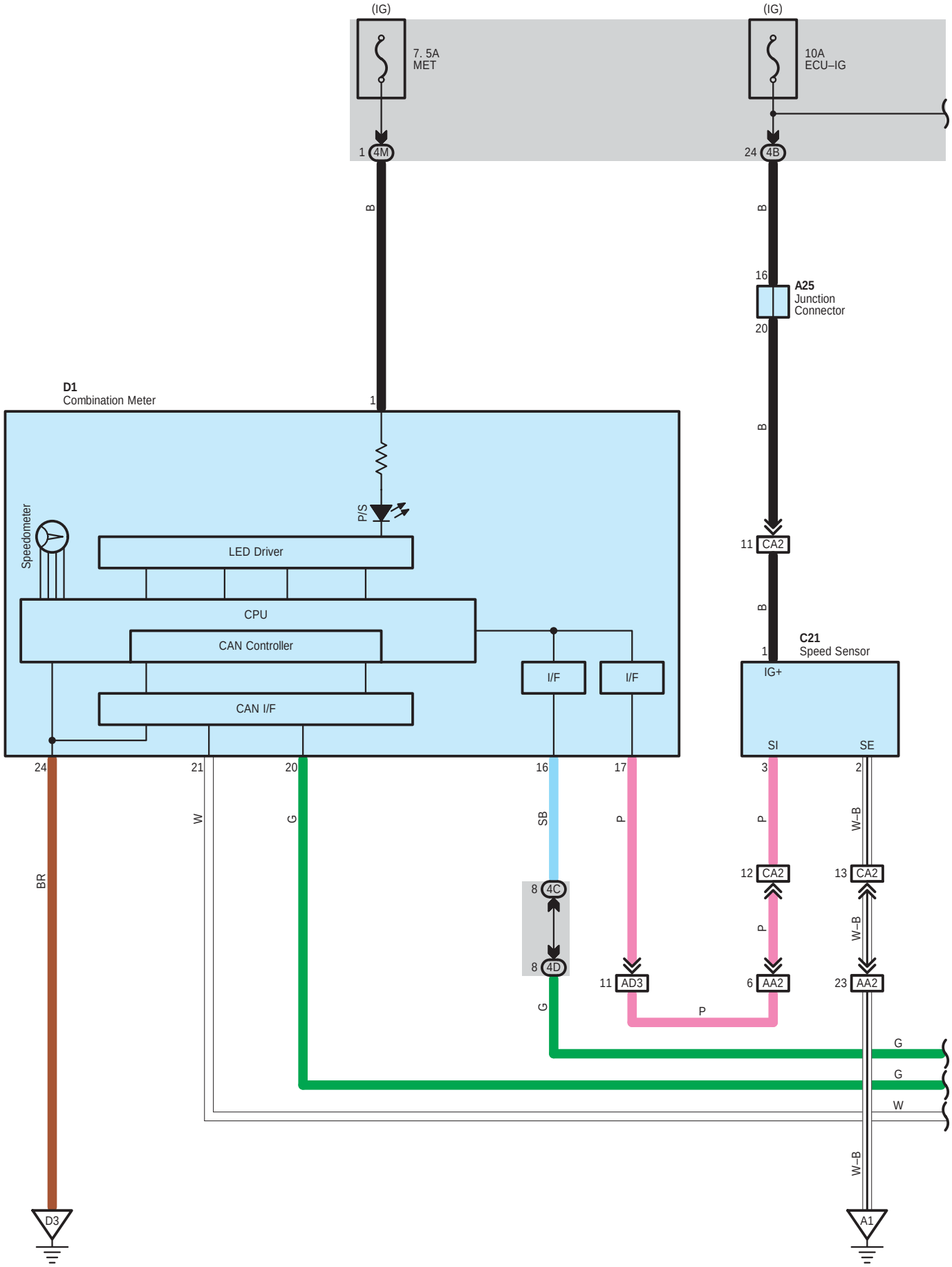
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4H		
4M	31	
4S		

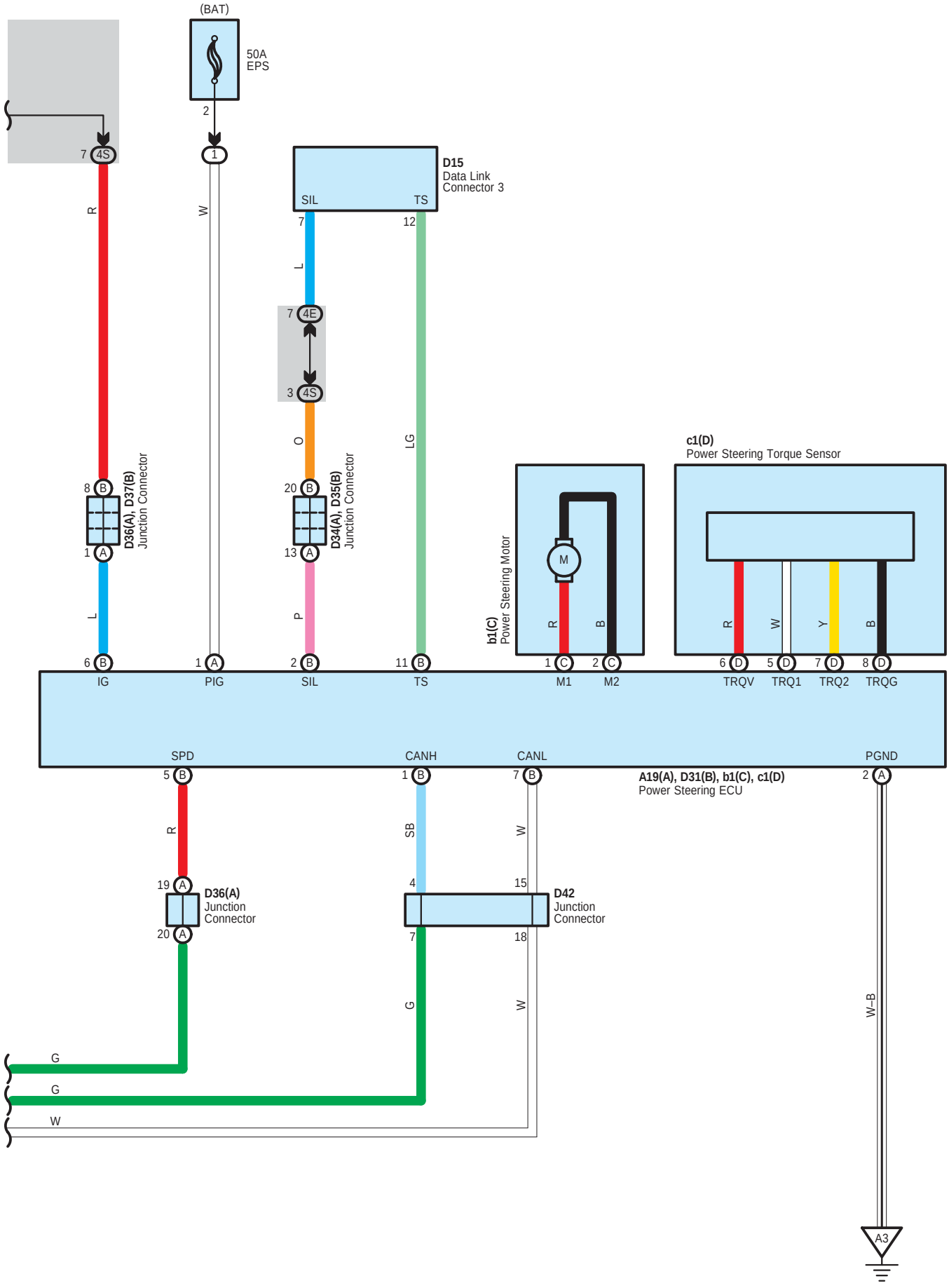
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
JD2	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


(IG)
7. 5A
MET
(IG)
10A
ECU–IG
1 4M
24 4B
B
B
16
A25
Junction
Connector
20
D1
Combination Meter
1
B
P/S
Speedometer
LED Driver
CPU
CAN Controller
CAN I/F
I/F
I/F
11 CA2
B
1
C21
Speed Sensor
IG+
SI
SE
24
21
20
16
17
3
2
W
G
SB
P
P
W–B
BR
12 CA2
13 CA2
8 4C
8 4D
P
W–B
11 AD3
6 AA2
23 AA2
G
P
G
G
W
W–B
D3
A1


(BAT)
50A
EPS
2
1
7 4S
R
W
D15
Data Link
Connector 3
SIL
TS
7
12
L
7 4E
3 4S
O
LG
8 B
1 A
D36(A), D37(B)
Junction Connector
20 B
13 A
D34(A), D35(B)
Junction Connector
L
P
6 B
1 A
2 B
11 B
IG
PIG
SIL
TS
b1(C)
Power Steering Motor
M
R
B
1 C
2 C
M1
M2
c1(D)
Power Steering Torque Sensor
R
W
Y
B
6 D
5 D
7 D
8 D
TRQV
TRQ1
TRQ2
TRQG
SPD
CANH
CANL
PGND
5 B
1 B
7 B
2 A
A19(A), D31(B), b1(C), c1(D)
Power Steering ECU
R
SB
W
19 A
20 A
D36(A)
Junction
Connector
4
15
7
18
D42
Junction
Connector
G
W
W-B
G
G
W
A3

EPS

System Outline

* In order to reduce driver's steering force, the assist current is calculated from the torque sensor signal and vehicle speed signal of the meter or CAN communication to output to the motor.
* When abnormality occurs in the system, the assist is prohibited by shutting off the power source relay and motor relay in ECU, and the warning light (P/S) in the meter is lit up.

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A19	A	50 (H/B)	D15		53 (S/D)	D37	B	51 (H/B)
		52 (S/D)	D31	B	51 (H/B)			53 (S/D)
A25		46 (H/B)			53 (S/D)	D42		51 (H/B)
		48 (S/D)	D34	A	51 (H/B)			53 (S/D)
C21		47 (H/B)			53 (S/D)	b1	C	50 (H/B)
		49 (S/D)	D35	B	51 (H/B)			52 (S/D)
D1		51 (H/B)			53 (S/D)	c1	D	50 (H/B)
		53 (S/D)	D36	A	51 (H/B)			52 (S/D)
D15		51 (H/B)			53 (S/D)			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

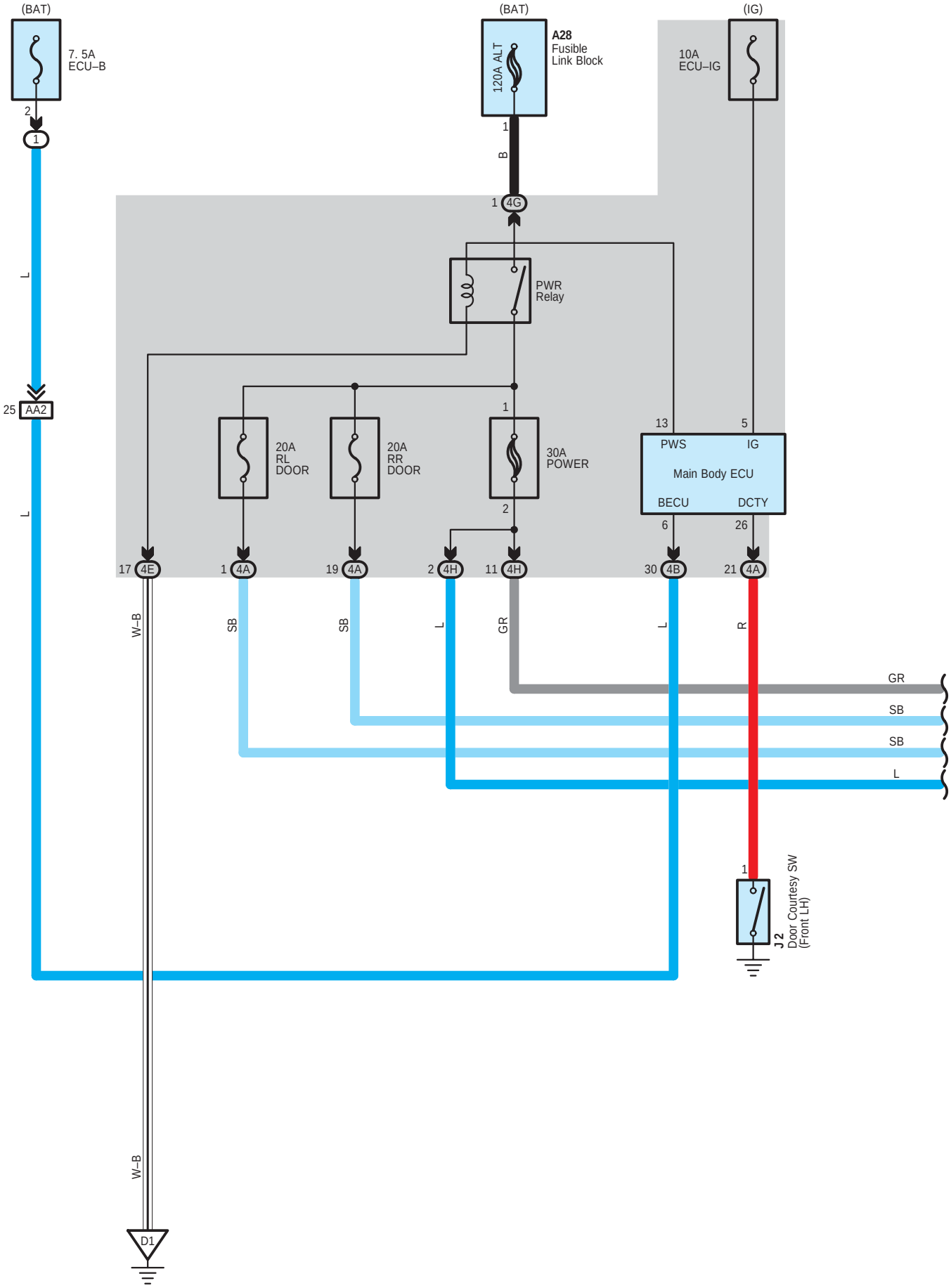
Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4E		
4M	31	
4S		

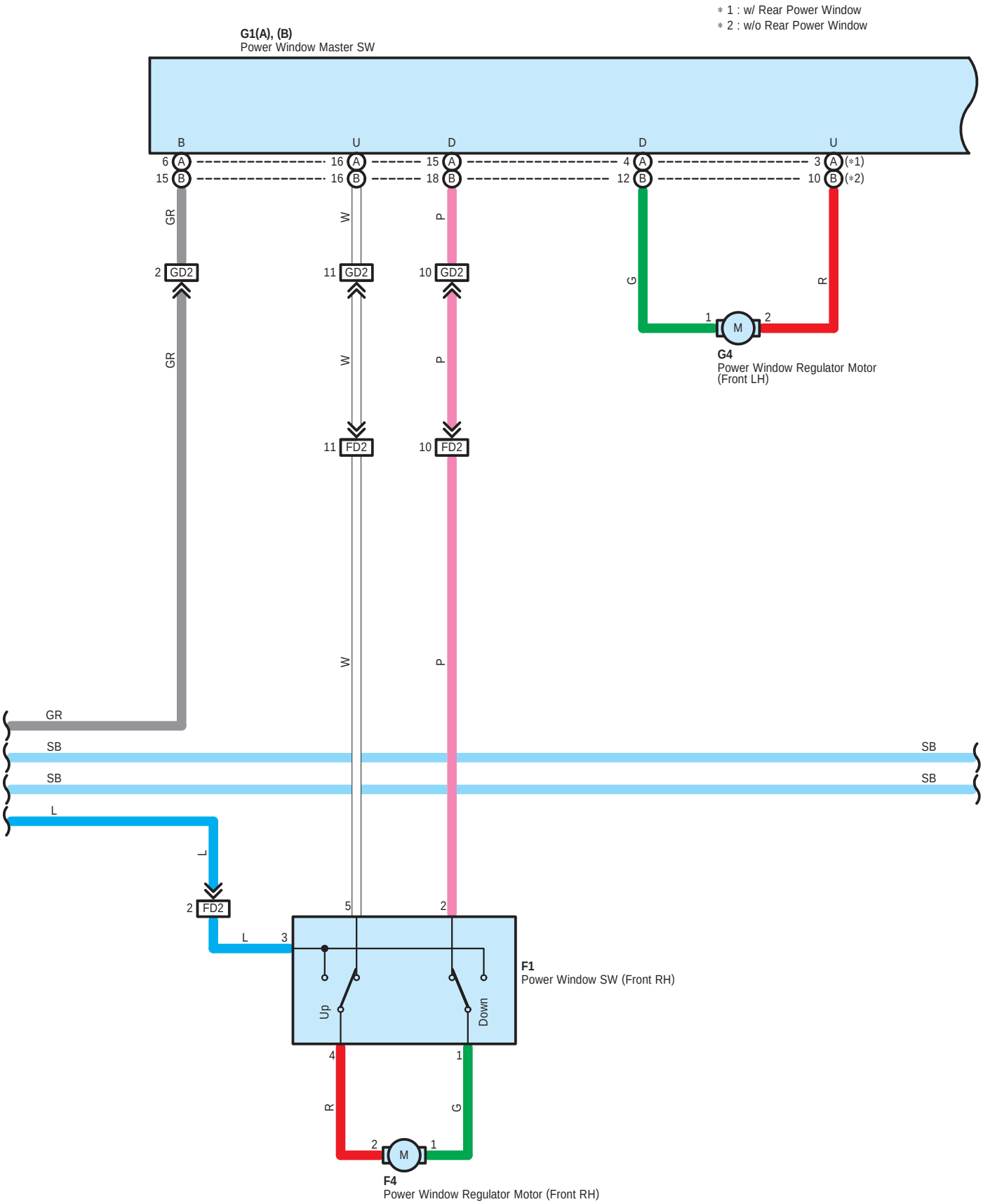
: Connector Joining Wire Harness and Wire Harness

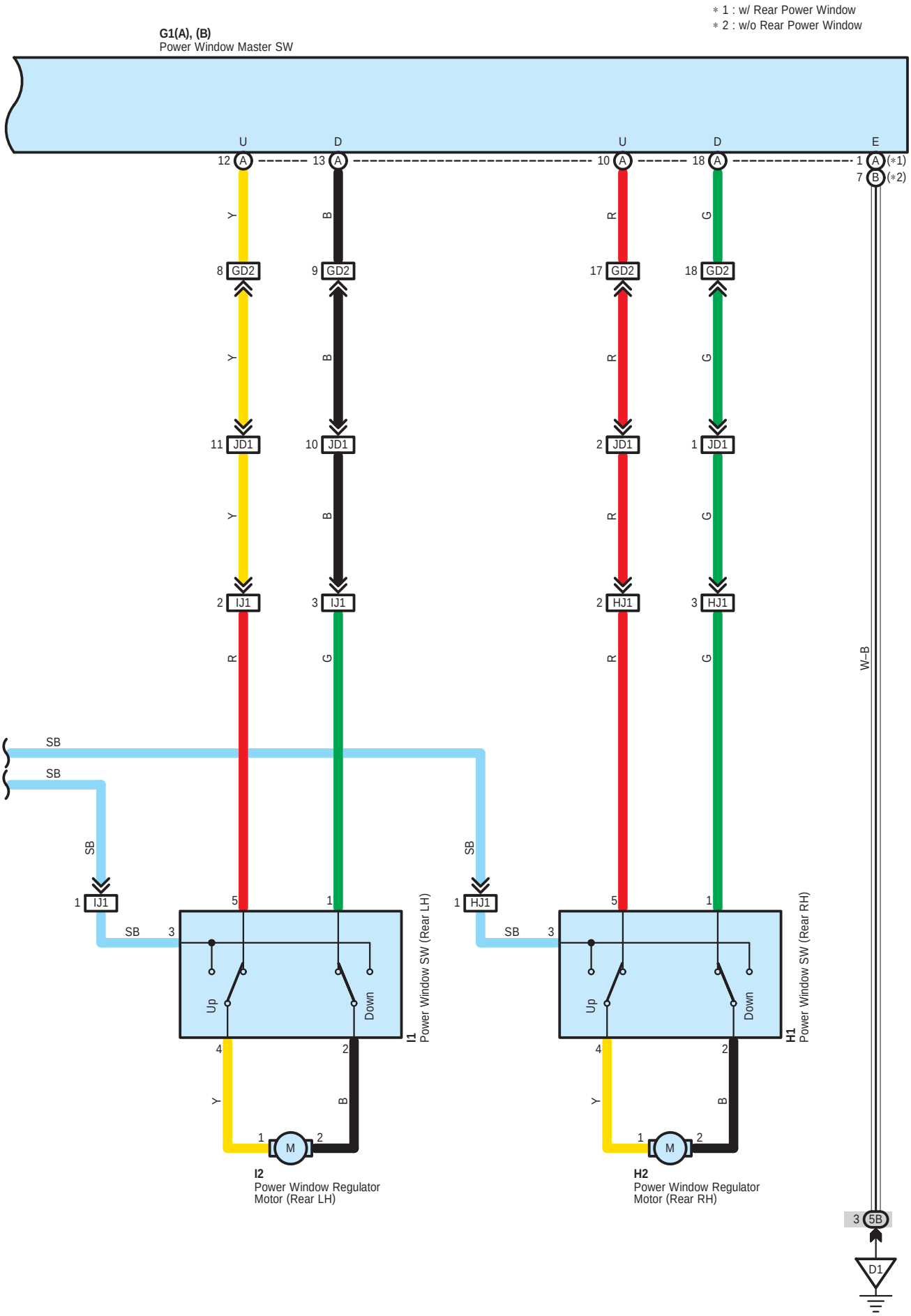
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
CA2	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
A3	62 (H/B)	Left Cowl Top Side Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	


(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
(BAT)
120A ALT
A28
Fusible
Link Block
1
B
1 4G
(IG)
10A
ECU–IG
PWR
Relay
20A
RL
DOOR
20A
RR
DOOR
1
30A
POWER
2
13
5
PWS
IG
Main Body ECU
BECU
DCTY
6
26
17 4E
1 4A
19 4A
2 4H
11 4H
30 4B
21 4A
W–B
SB
SB
L
GR
L
R
GR
SB
SB
L
1
J2
Door Courtesy SW
(Front LH)
W–B
D1


∗ 1 : w/ Rear Power Window
∗ 2 : w/o Rear Power Window
G1(A), (B)
Power Window Master SW
B
U
D
D
U
6 A
15 B
16 A
16 B
15 A
18 B
4 A
12 B
3 A (∗1)
10 B (∗2)
GR
W
P
G
R
2 GD2
11 GD2
10 GD2
1 M 2
G4
Power Window Regulator Motor (Front LH)
11 FD2
10 FD2
GR
SB
SB
SB
SB
L
L
2 FD2
5
2
L
3
Up
Down
F1
Power Window SW (Front RH)
4
1
R
G
2 M 1
F4
Power Window Regulator Motor (Front RH)


∗1 : w/ Rear Power Window
∗2 : w/o Rear Power Window
G1(A), (B)
Power Window Master SW
U
D
U
D
E
12 A
13 A
10 A
18 A
1 A (∗1)
7 B (∗2)
Y
B
R
G
8 GD2
9 GD2
17 GD2
18 GD2
11 JD1
10 JD1
2 JD1
1 JD1
2 IJ1
3 IJ1
2 HJ1
3 HJ1
W–B
SB
SB
SB
SB
1 IJ1
1 HJ1
5
1
5
1
SB
3
SB
3
Up
Down
Up
Down
4
2
4
2
Y
B
Y
B
1
M
2
1
M
2
I1
Power Window SW (Rear LH)
H1
Power Window SW (Rear RH)
I2
Power Window Regulator
Motor (Rear LH)
H2
Power Window Regulator
Motor (Rear RH)
3 5B
D1

System Outline

1. Manual Up–and–Down Function

During IG ON, one step operation upward (Pull) or downward (Push) of the door switch makes the door glass move upward or downward. Manual operation of the power window master switch for each window can control operation of each window remotely from the driver's seat. The door glass stops at the position when the switch is released.

2. One–Touch Auto Down Function

During IG ON, two step operation downward (Push) of the master switch of the driver's door glass makes the driver's door glass move automatically downward to the full–open position. The auto operation to either direction can be suspended by one step operation to the opposite side from the operating direction.

3. Power Window Jam Protection Function

If a foreign object gets jammed in the window during the manual operation, the door glass automatically goes down by about 50mm (or for about one second). If the door glass opening is less than 200mm after the move, the glass goes down to reach about 200mm of the opening (or for about 5 seconds).

4. Window Lock

All the power window operations except driver's side are disabled when the window lock switch of the power window master switch is pressed on.

5. Fail Mode LED Blinking

Self–diagnosis switches it to the fail mode and the indicator light (LED) in the switch knob blinks to inform the user under the following conditions.

* When abnormality is found in the hall IC that detects the position, speed and direction of the door glass.
* When there is larger difference than the predetermined one between the position information that the hall IC detects and the position information that the power window switch memorizes.

○ : Parts Location

Code		See Page	Code		See Page	Code	See Page
A28		43, 46 (H/B)	G1	A	58 (4–Door)	H2	58 (4–Door)
		43, 48 (S/D)		B	54 (5–Door)	I1	54 (5–Door)
F1		54 (5–Door)			56 (3–Door)		58 (4–Door)
		56 (3–Door)			58 (4–Door)	I2	54 (5–Door)
		58 (4–Door)	G4		54 (5–Door)		58 (4–Door)
F4		54 (5–Door)			56 (3–Door)	J2	55 (5–Door)
		56 (3–Door)			58 (4–Door)		57 (3–Door)
		58 (4–Door)	H1		54 (5–Door)		59 (4–Door)
G1	A	54 (5–Door)			58 (4–Door)		
		56 (3–Door)	H2		54 (5–Door)		

⬭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4G	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4H	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
5B	38	Front Door LH Wire and J/B No.5 (Left Kick Panel)

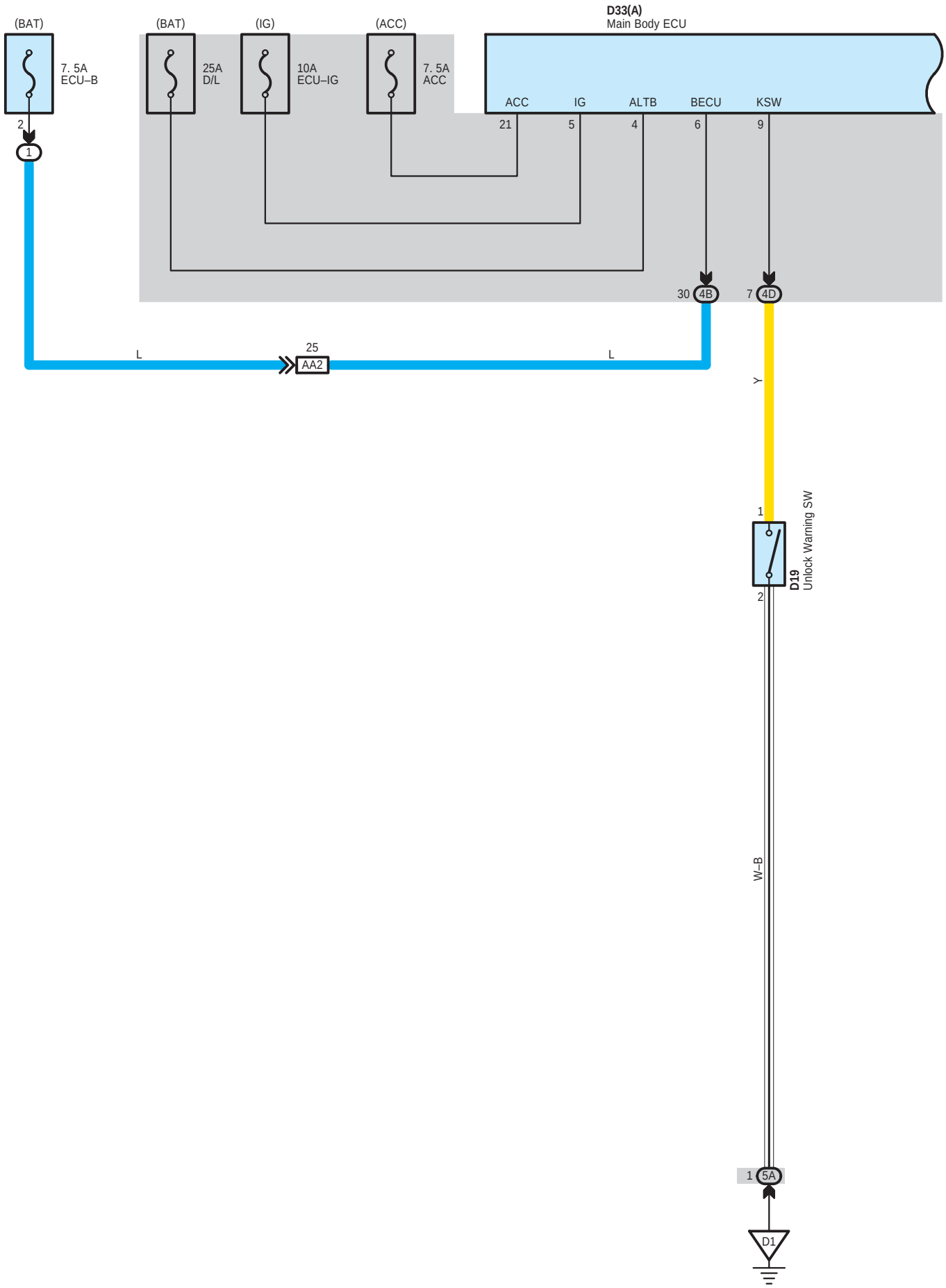
: Connector Joining Wire Harness and Wire Harness

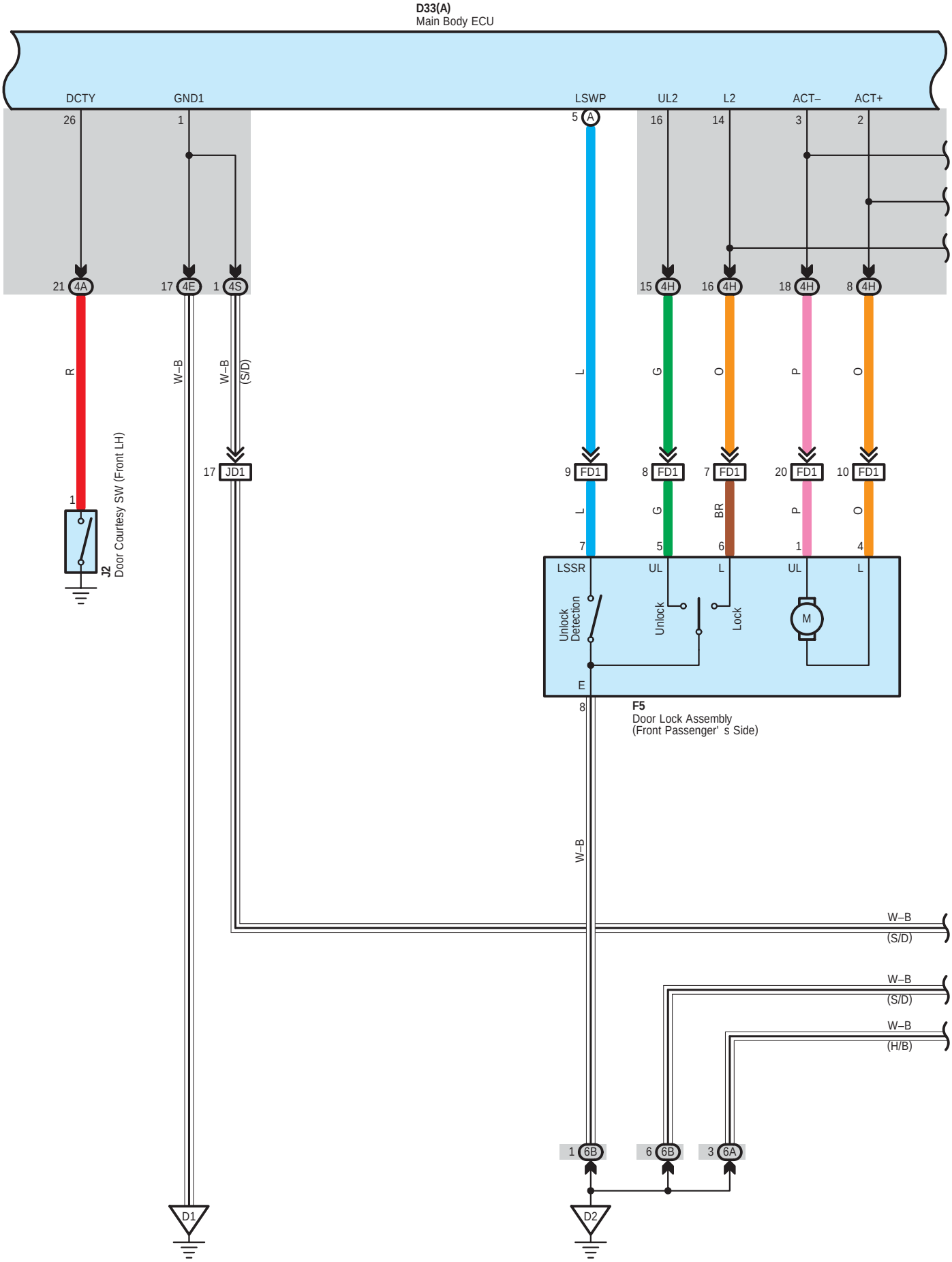
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B) 63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
FD2	62 (H/B) 63 (S/D)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
GD2	62 (H/B) 63 (S/D)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
HJ1	64 (5–Door) 66 (4–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
IJ1	64 (5–Door) 66 (4–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
JD1	62 (H/B) 63 (S/D)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)

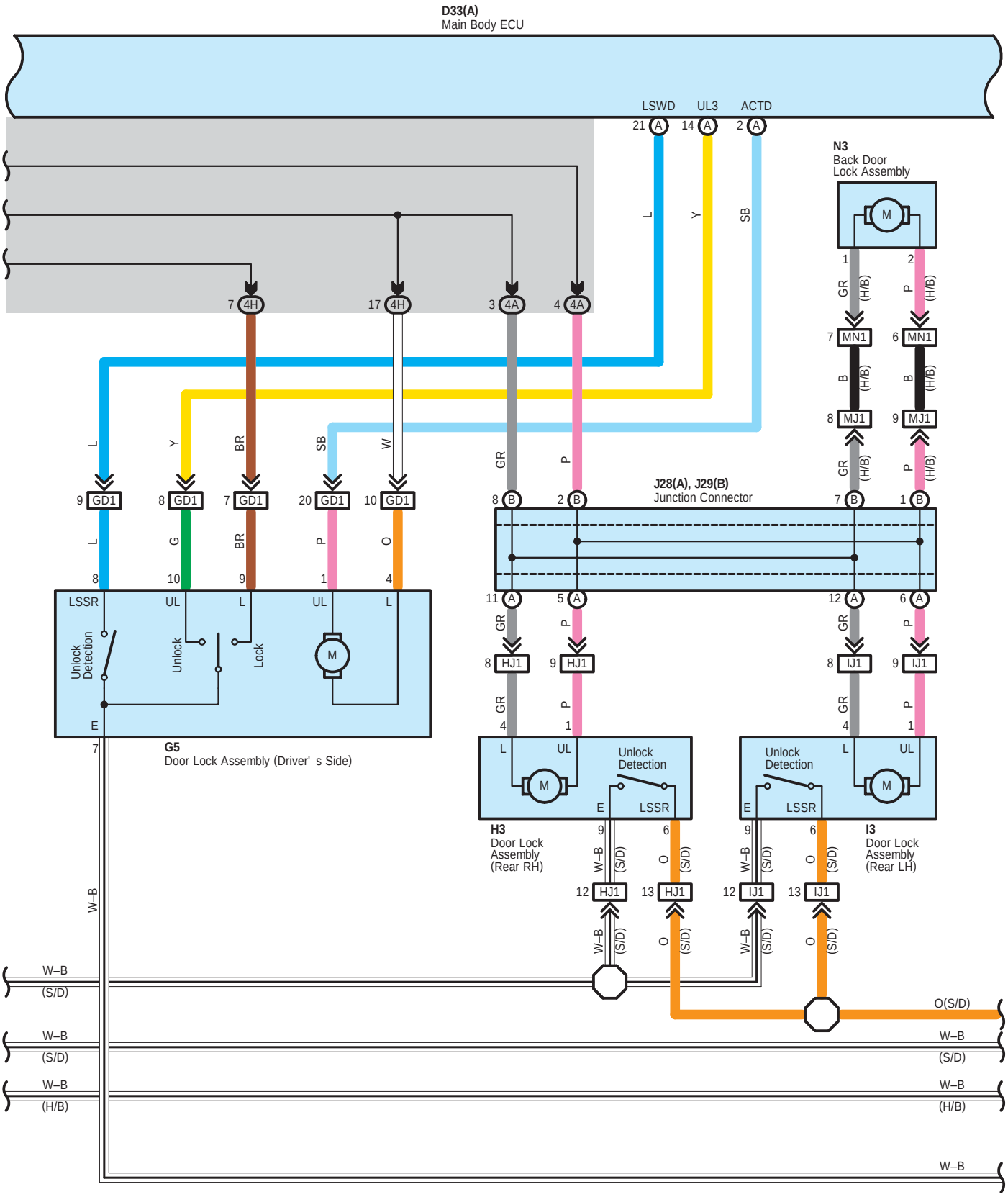
: Ground Points

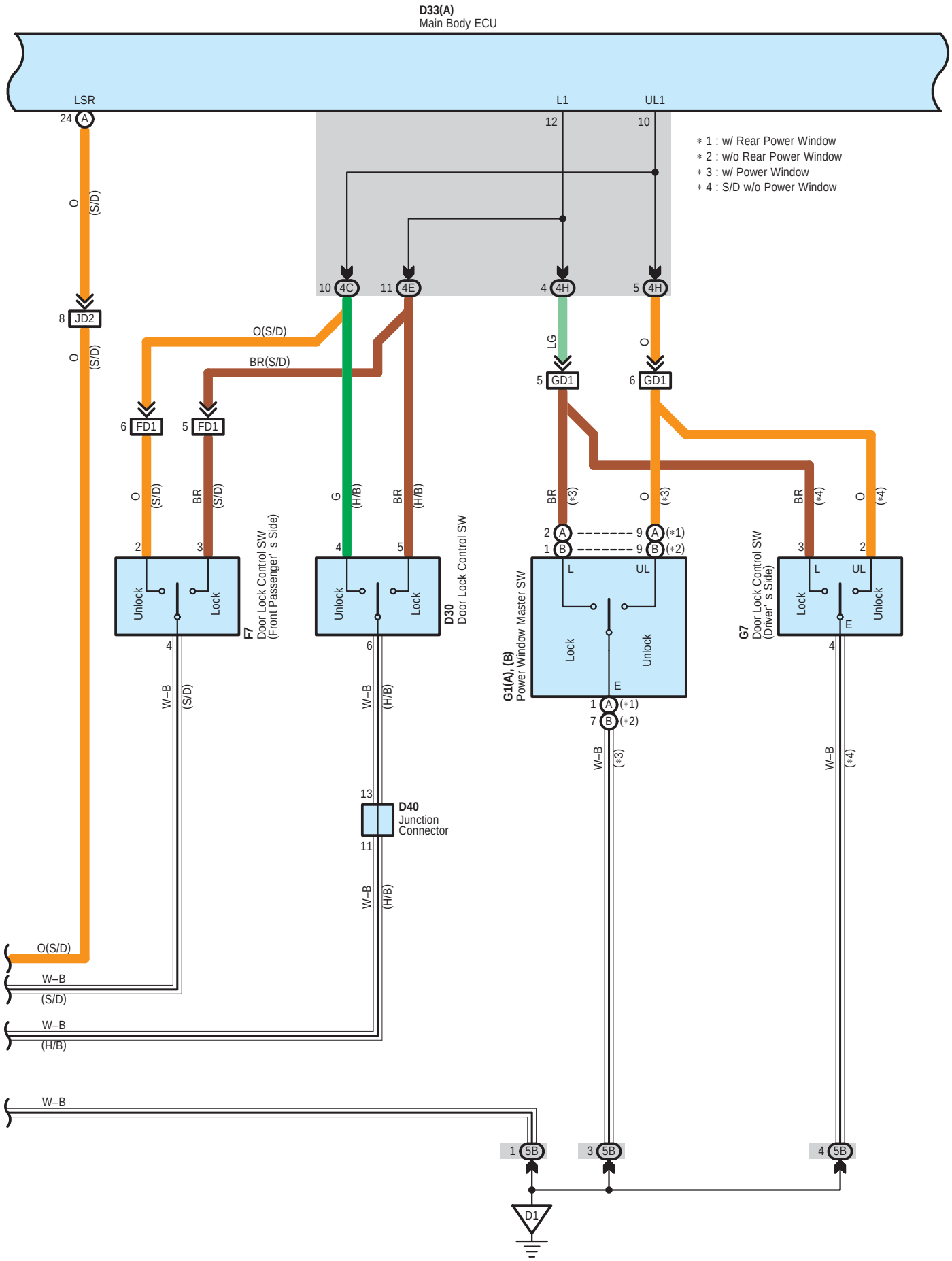
Code	See Page	Ground Points Location
D1	62 (H/B) 63 (S/D)	Left Kick Panel

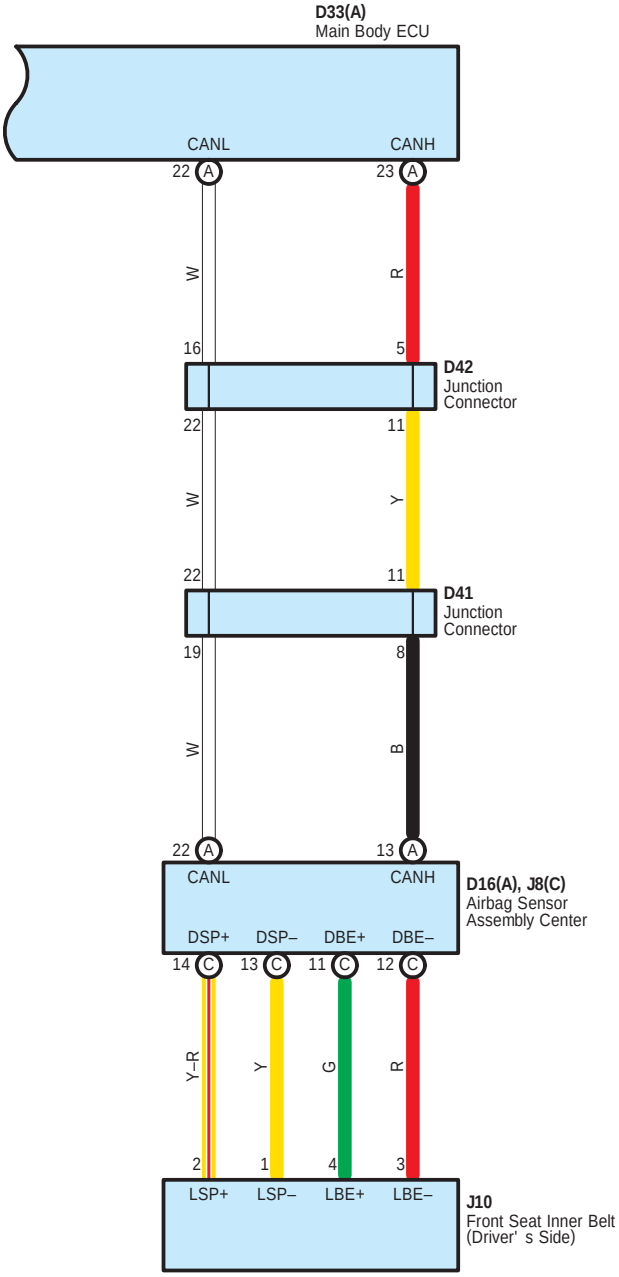
Door Lock Control




D33(A)
Main Body ECU
DCTY
GND1
LSWP
UL2
L2
ACT–
ACT+
26
1
5 A
16
14
3
2
21 4A
17 4E
1 4S
15 4H
16 4H
18 4H
8 4H
R
W–B
W–B (S/D)
L
G
O
P
O
17 JD1
9 FD1
8 FD1
7 FD1
20 FD1
10 FD1
L
G
BR
P
O
7
5
6
1
4
LSSR
UL
L
UL
L
Unlock Detection
Unlock
Lock
M
E
8
F5
Door Lock Assembly
(Front Passenger' s Side)
J2
Door Courtesy SW (Front LH)
1
W–B
W–B (S/D)
W–B
(S/D)
W–B
(S/D)
W–B
(H/B)
1 6B
6 6B
3 6A
D1
D2


D33(A)
Main Body ECU
LSWD
UL3
ACTD
21 A
14 A
2 A
L
Y
SB
N3
Back Door
Lock Assembly
M
1
2
GR
P
(H/B)
7 MN1
6 MN1
B
8 MJ1
9 MJ1
7 4H
17 4H
3 4A
4 4A
L
Y
BR
SB
W
GR
P
9 GD1
8 GD1
7 GD1
20 GD1
10 GD1
J28(A), J29(B)
Junction Connector
8 B
2 B
7 B
1 B
L
G
BR
P
O
8
10
9
1
4
LSSR
UL
L
UL
L
Unlock Detection
Unlock
Lock
M
E
7
G5
Door Lock Assembly (Driver' s Side)
11 A
5 A
12 A
6 A
8 HJ1
9 HJ1
8 IJ1
9 IJ1
4
1
L
UL
Unlock Detection
M
E
LSSR
H3
Door Lock
Assembly
(Rear RH)
I3
Door Lock
Assembly
(Rear LH)
W-B
(S/D)
12 HJ1
13 HJ1
12 IJ1
13 IJ1
O(S/D)
W-B
(H/B)


D33(A)
Main Body ECU
LSR
L1
UL1
24 A
12
10
* 1 : w/ Rear Power Window
* 2 : w/o Rear Power Window
* 3 : w/ Power Window
* 4 : S/D w/o Power Window
O (S/D)
8 JD2
O (S/D)
10 4C
11 4E
4 4H
5 4H
O(S/D)
BR(S/D)
LG
O
5 GD1
6 GD1
6 FD1
5 FD1
O (S/D)
BR (S/D)
G (H/B)
BR (H/B)
BR (*3)
O (*3)
BR (*4)
O (*4)
2 A
1 B
9 A (*1)
9 B (*2)
L
UL
Unlock
Lock
F7
Door Lock Control SW
(Front Passenger' s Side)
D30
Door Lock Control SW
G1(A), (B)
Power Window Master SW
G7
Door Lock Control SW
(Driver' s Side)
E
4
6
W–B (S/D)
W–B (H/B)
1 A (*1)
7 B (*2)
W–B (*3)
W–B (*4)
13
D40
Junction
Connector
11
W–B (H/B)
O(S/D)
W–B
(S/D)
W–B
(H/B)
W–B
1 5B
3 5B
4 5B
D1


D33(A)
Main Body ECU
CANL
CANH
22 A
23 A
W
R
16
5
D42
Junction
Connector
22
11
W
Y
22
11
D41
Junction
Connector
19
8
W
B
22 A
13 A
CANL
CANH
D16(A), J8(C)
Airbag Sensor
Assembly Center
DSP+
DSP–
DBE+
DBE–
14 C
13 C
11 C
12 C
Y–R
Y
G
R
2
1
4
3
LSP+
LSP–
LBE+
LBE–
J10
Front Seat Inner Belt
(Driver' s Side)

System Outline

1. Manual Lock & Unlock Function

All the doors (Including the back door) are locked or unlocked by operating the door lock control switch (For manual operation) to 'lock' or 'unlock' side.

2. Door Key–Linked Lock & Unlock Function

All the doors (Including the back door) are locked or unlocked by operating the key plate to 'lock' or 'unlock' side after inserting the key plate into driver's door key cylinder.

3. Key Confinement Prevention Function

To prevent the key confinement in the cabin, it controls not to lock the doors with the door lock control switch (For manual operation or for key–linked) or the door lock knob when the key plate is inserted in the ignition key cylinder with the driver's door open.

: Parts Location

Code		See Page	Code		See Page	Code		See Page
D16	A	51 (H/B)	F7		58 (4–Door)	J8	C	50 (H/B)
		53 (S/D)	G1	A	54 (5–Door)			52 (S/D)
D19		51 (H/B)			58 (4–Door)	J10		55 (5–Door)
		53 (S/D)		B	56 (3–Door)			57 (3–Door)
D30		51 (H/B)	G5		54 (5–Door)			59 (4–Door)
D33	A	51 (H/B)			56 (3–Door)	J28	A	55 (5–Door)
		53 (S/D)			58 (4–Door)			57 (3–Door)
D40		51 (H/B)	G7		58 (4–Door)			59 (4–Door)
D41		51 (H/B)	H3		54 (5–Door)	J29	B	55 (5–Door)
		53 (S/D)			58 (4–Door)			57 (3–Door)
D42		51 (H/B)	I3		54 (5–Door)			59 (4–Door)
		53 (S/D)			58 (4–Door)	N3		54 (5–Door)
F5		54 (5–Door)	J2		55 (5–Door)			56 (3–Door)
		56 (3–Door)			57 (3–Door)			
		58 (4–Door)			59 (4–Door)			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4E		
4H		
4S	31	
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)
5B	38	Front Door LH Wire and J/B No.5 (Left Kick Panel)
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)
6B	40	Front Door RH Wire and J/B No.6 (Right Kick Panel)

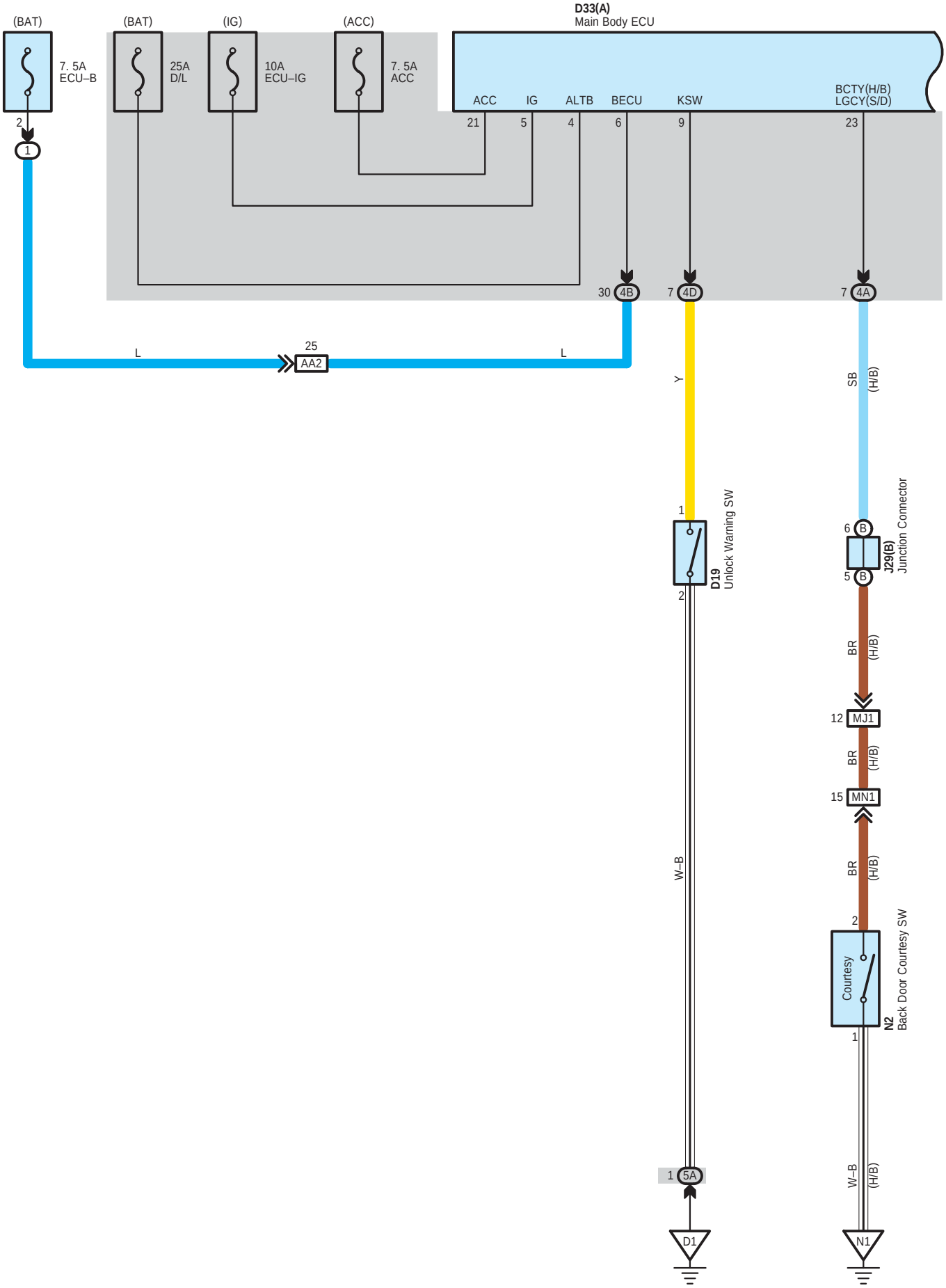
Door Lock Control

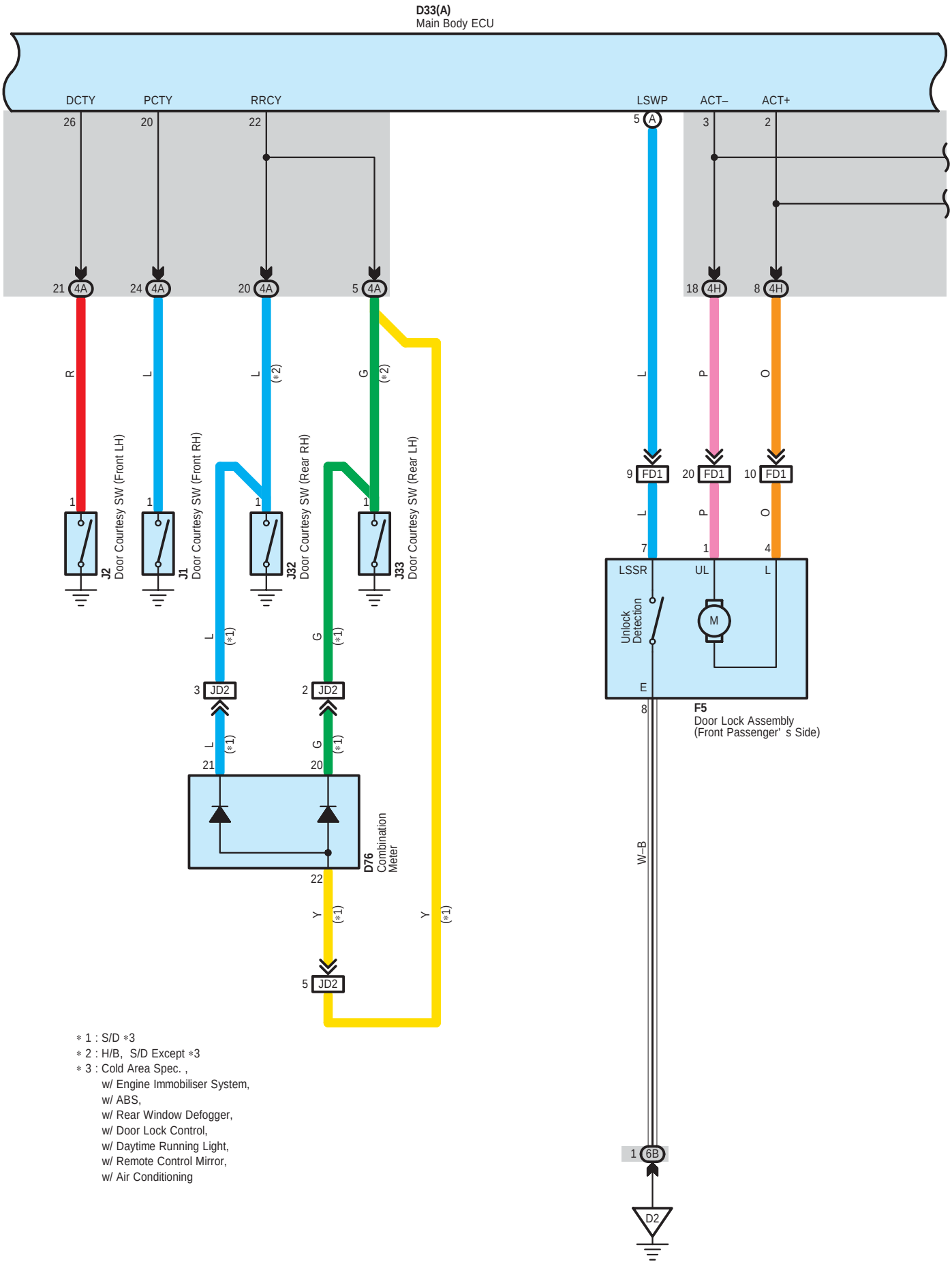
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B) 63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
FD1	62 (H/B) 63 (S/D)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
GD1	62 (H/B) 63 (S/D)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
HJ1	64 (5–Door) 66 (4–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
IJ1	64 (5–Door) 66 (4–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
JD1 JD2	63 (S/D)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
MJ1	64 (5–Door) 65 (3–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
MN1	64 (5–Door) 65 (3–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)

: Ground Points

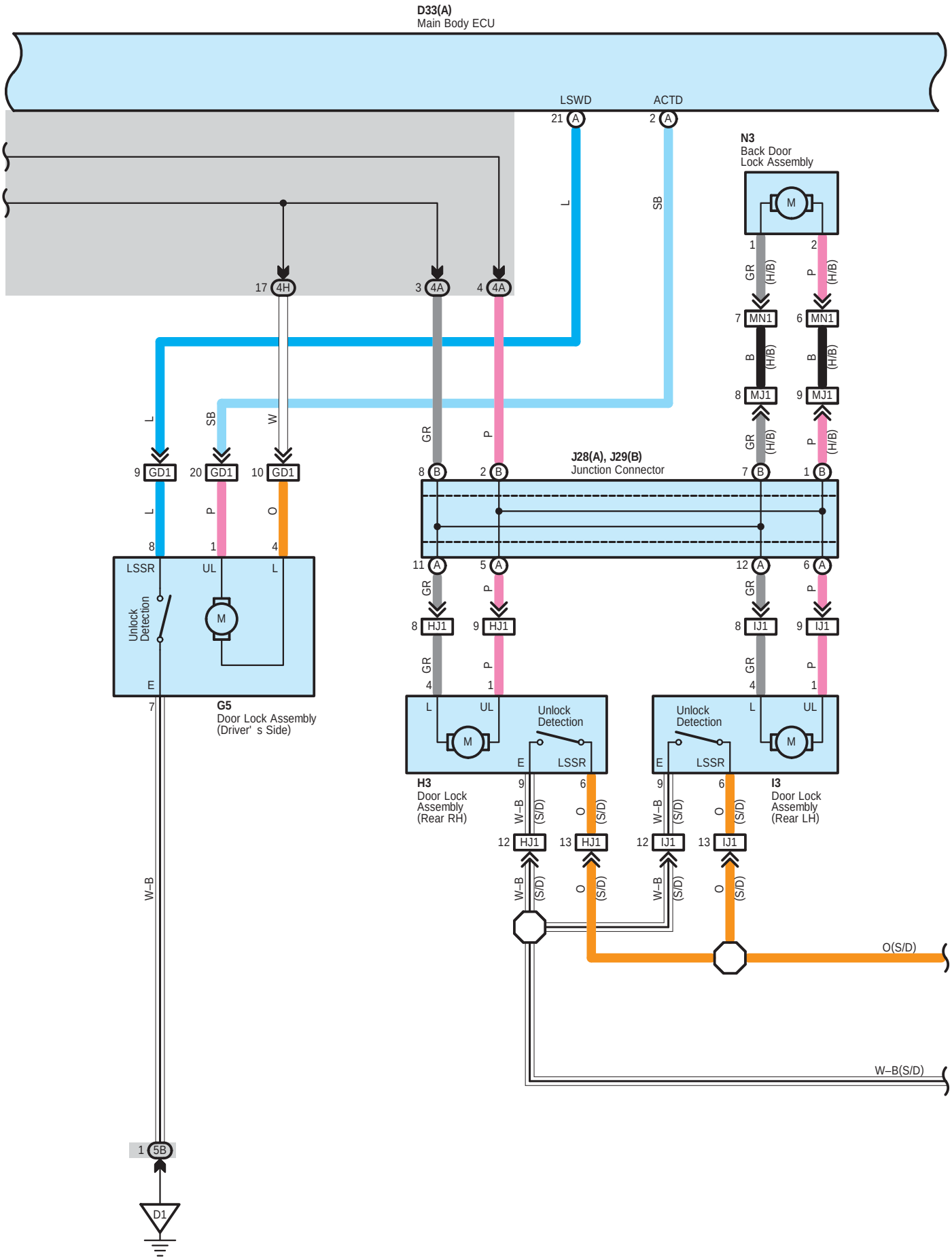
Code	See Page	Ground Points Location
D1	62 (H/B) 63 (S/D)	Left Kick Panel
D2	62 (H/B) 63 (S/D)	Right Kick Panel

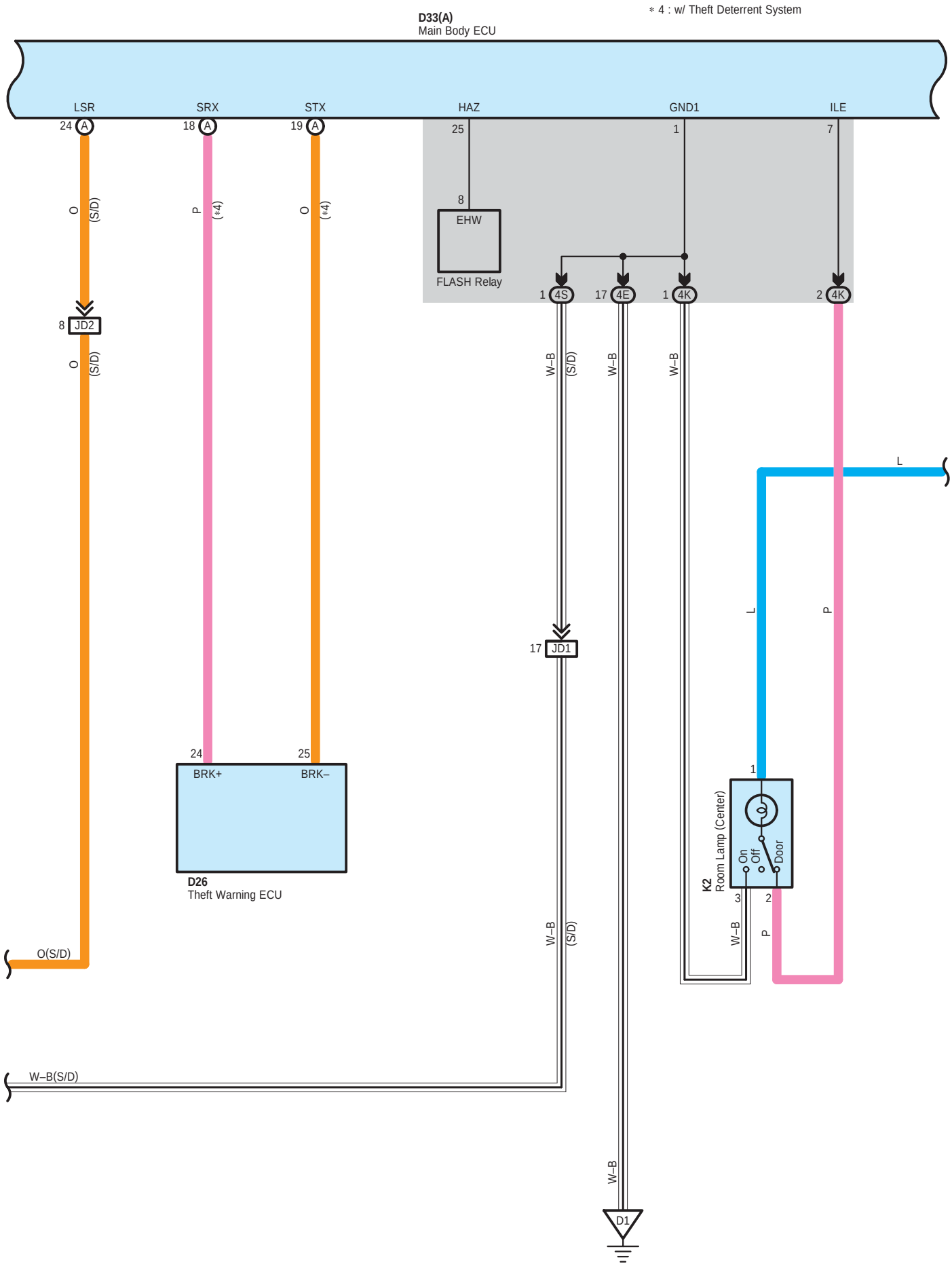

(BAT)
7. 5A
ECU–B
2
1
(BAT)
25A
D/L
(IG)
10A
ECU–IG
(ACC)
7. 5A
ACC
D33(A)
Main Body ECU
ACC
IG
ALTB
BECU
KSW
BCTY(H/B)
LGCY(S/D)
21
5
4
6
9
23
30
4B
7
4D
7
4A
L
25
AA2
L
Y
SB
(H/B)
1
D19
Unlock Warning SW
2
6
B
5
B
J29(B)
Junction Connector
BR
(H/B)
12
MJ1
BR
(H/B)
15
MN1
BR
(H/B)
2
Courtesy
N2
Back Door Courtesy SW
1
W–B
W–B
(H/B)
1
5A
D1
N1

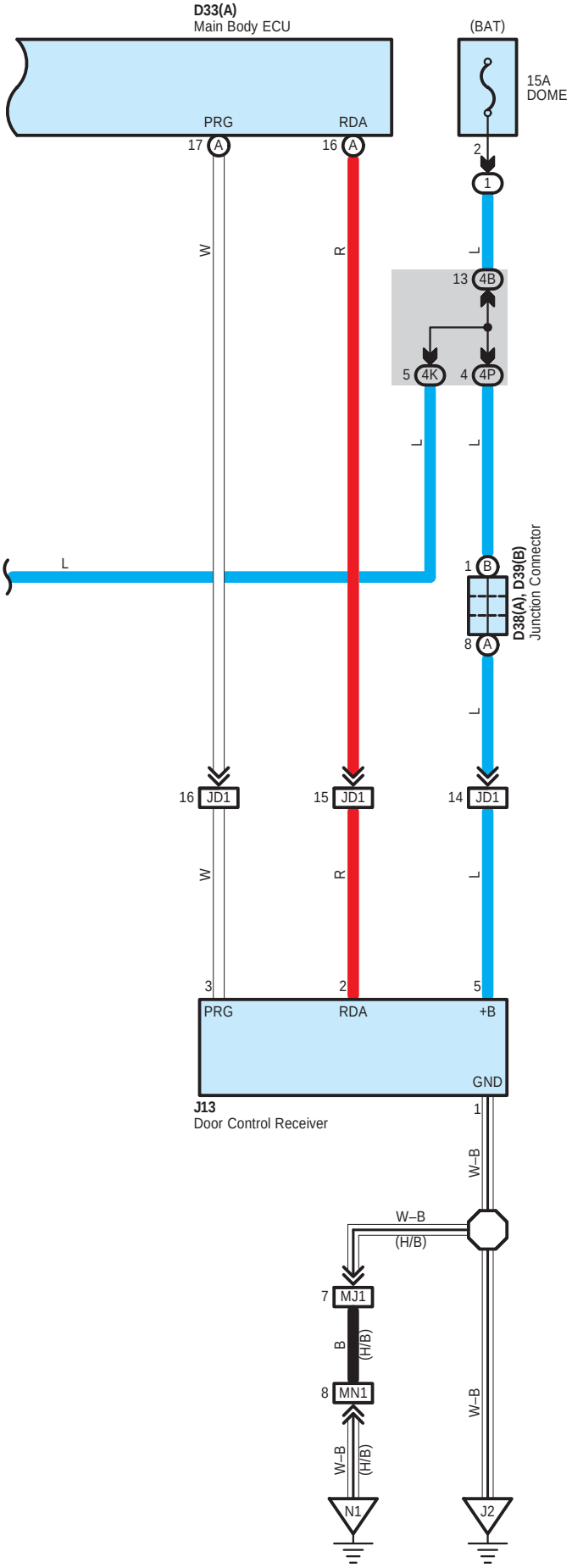


∗ 1 : S/D ∗3
∗ 2 : H/B, S/D Except ∗3
∗ 3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning

Wireless Door Lock Control




∗ 4 : w/ Theft Deterrent System
D33(A)
Main Body ECU
LSR
SRX
STX
HAZ
GND1
ILE
24 A
18 A
19 A
25
1
7
8
EHW
FLASH Relay
1 4S
17 4E
1 4K
2 4K
O (S/D)
P (∗4)
O (∗4)
8 JD2
O (S/D)
W–B (S/D)
W–B
W–B
L
17 JD1
L
P
24
25
BRK+
BRK–
D26
Theft Warning ECU
1
K2
Room Lamp (Center)
On
Off
Door
3
2
W–B
P
O(S/D)
W–B (S/D)
W–B
D1
W–B(S/D)


D33(A)
Main Body ECU
PRG
RDA
17 A
16 A
(BAT)
15A
DOME
2
1
W
R
L
13 4B
5 4K
4 4P
L
L
L
1 B
D38(A), D39(B)
Junction Connector
8 A
L
16 JD1
15 JD1
14 JD1
W
R
L
3
2
5
PRG
RDA
+B
GND
J13
Door Control Receiver
1
W–B
W–B
(H/B)
7 MJ1
B
(H/B)
8 MN1
W–B
W–B
(H/B)
N1
J2

System Outline

1. Wireless Lock & Unlock Function

Pushing the lock button locks all the doors and pushing the unlock button unlocks the all the doors.

2. 30–Second Auto Lock Function

If none of the door are opened within 30 seconds after they are unlocked with the unlock button, all the doors are locked automatically again to prevent the doors from being left open.

3. Operation Prohibition Function with the Door Open

When one of the doors is ajar or open, the door lock operation through the wireless remote control is prohibited.

4. Repeat Function

If a door lock operation has not been confirmed for some reason after the system conducts the lock operation, the system repeats the lock operation after approximately one second.

5. Answer Back Function (Hazard Light Flashing)

The hazard light flashes once when locking, and flashes twice when unlocking if the doors are locked/unlocked through the wireless remote control.

6. Key Reminder Function

When the key is inserted in the key cylinder, all the operations of the wireless remote control system are prohibited.

7. Illuminating Function

When the doors are unlocked with the wireless remote control, the interior lights are lit for approximately 15 seconds if the interior light switch is at 'door' position.

8. Wireless Security Function

The security function is adopted under which the door unlock and the like are controlled only when the wireless receiver checks the encrypted code sent from the transmitter key and identifies it as its own vehicle's code.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
D19	51 (H/B)	G5	56 (3–Door)	J28 A	57 (3–Door)
	53 (S/D)		58 (4–Door)		59 (4–Door)
D26	51 (H/B)	H3	54 (5–Door)	J29 B	55 (5–Door)
	53 (S/D)		58 (4–Door)		57 (3–Door)
D33 A	51 (H/B)	I3	54 (5–Door)		59 (4–Door)
	53 (S/D)		58 (4–Door)	J32	55 (5–Door)
D38 A	51 (H/B)	J1	55 (5–Door)		59 (4–Door)
	53 (S/D)		57 (3–Door)	J33	55 (5–Door)
D39 B	51 (H/B)		59 (4–Door)		59 (4–Door)
	53 (S/D)	J2	55 (5–Door)	K2	54 (5–Door)
D76	53 (S/D)		57 (3–Door)		56 (3–Door)
F5	54 (5–Door)		59 (4–Door)		58 (4–Door)
	56 (3–Door)	J13	55 (5–Door)	N2	54 (5–Door)
	58 (4–Door)		57 (3–Door)		56 (3–Door)
G1 A	54 (5–Door)		59 (4–Door)	N3	54 (5–Door)
G5	54 (5–Door)	J28 A	55 (5–Door)		56 (3–Door)

⬭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

Wireless Door Lock Control

: Junction Block and Wire Harness Connector

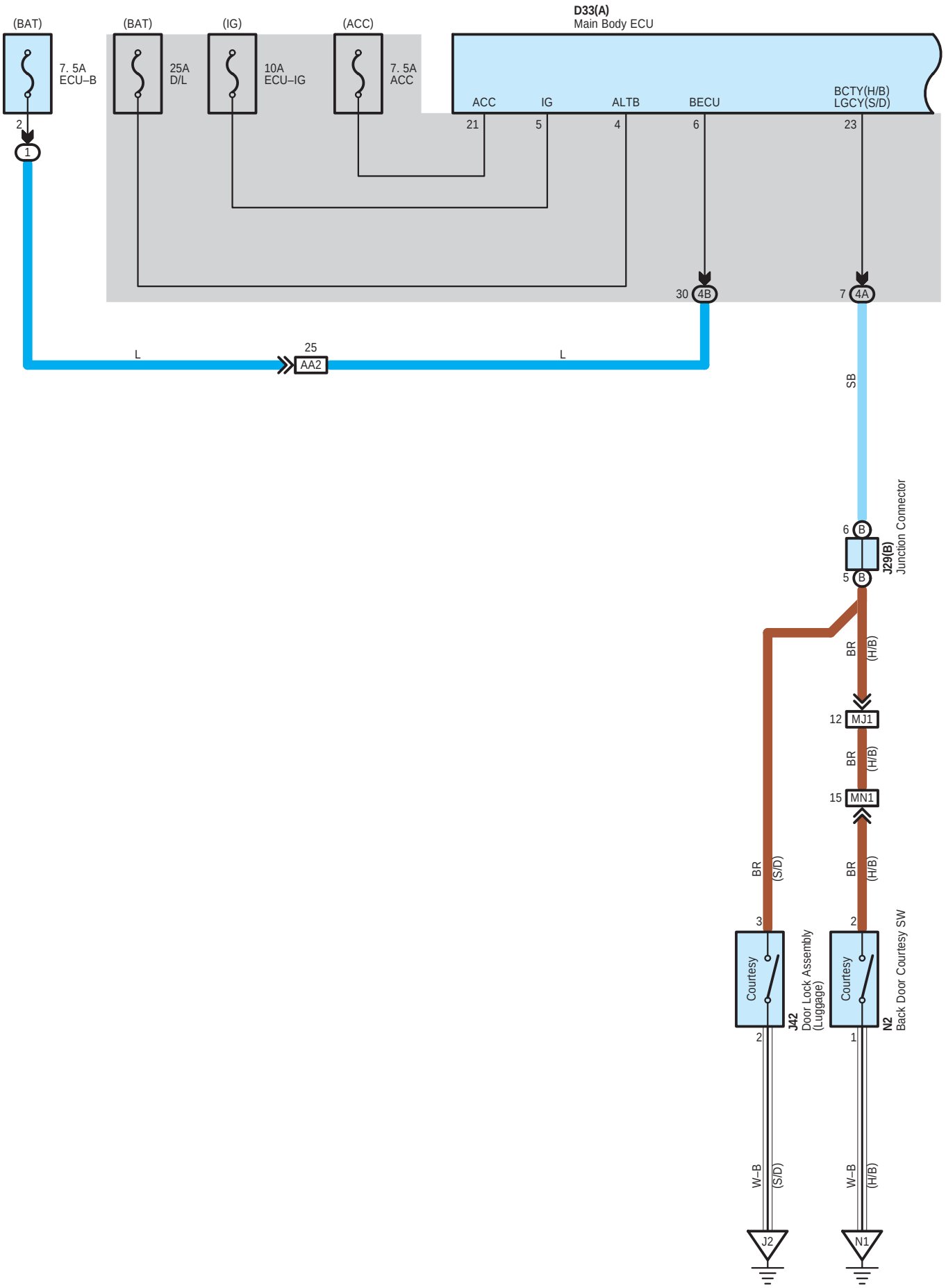
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4D	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4E		
4H		
4K	30	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
4P	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)
5B	38	Front Door LH Wire and J/B No.5 (Left Kick Panel)
6B	40	Front Door RH Wire and J/B No.6 (Right Kick Panel)

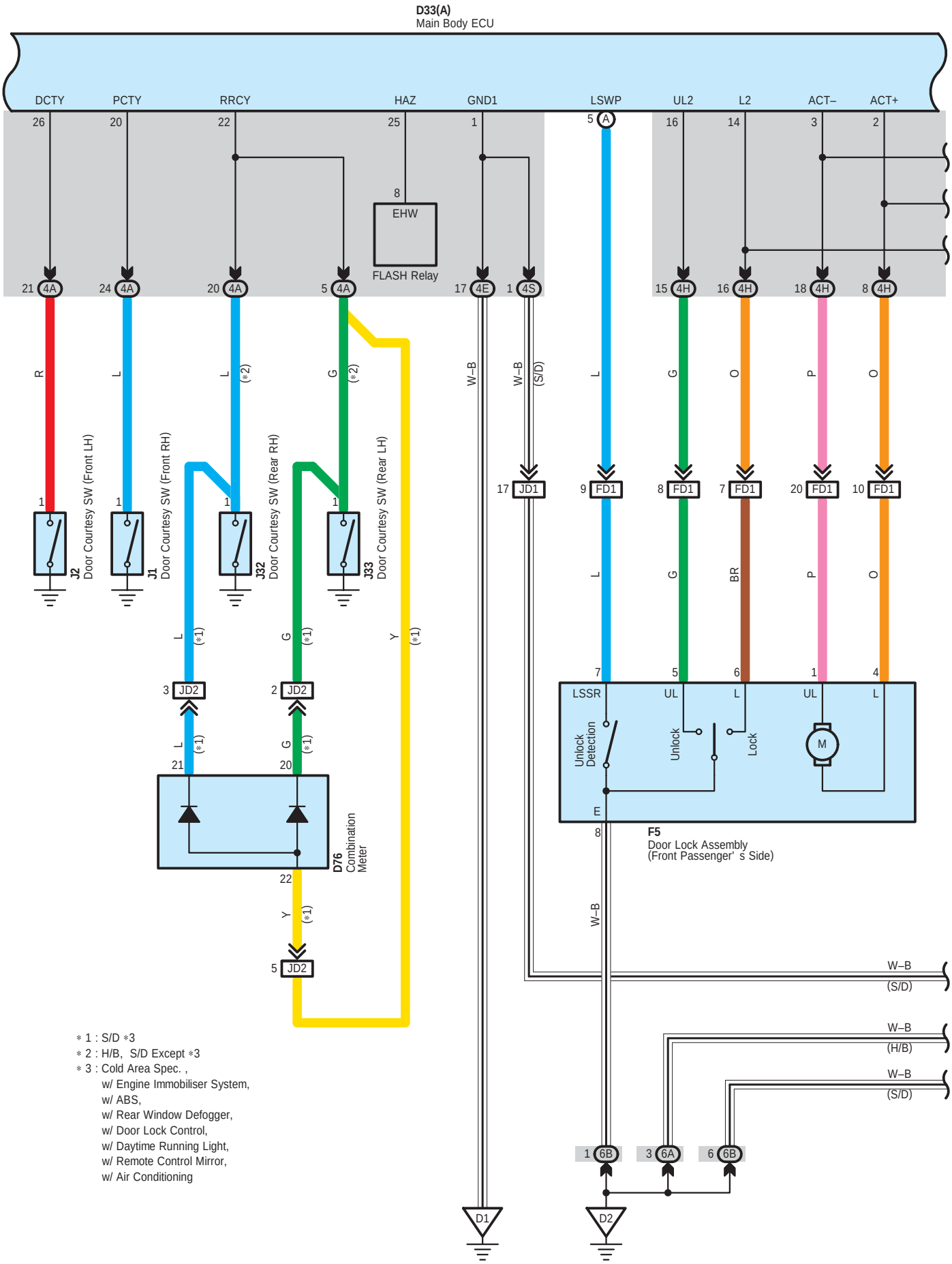
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
FD1	62 (H/B)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	63 (S/D)	
GD1	62 (H/B)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	63 (S/D)	
HJ1	64 (5–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
	66 (4–Door)	
IJ1	64 (5–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
	66 (4–Door)	
JD1	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
JD2	63 (S/D)	
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	
MN1	64 (5–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)
	65 (3–Door)	

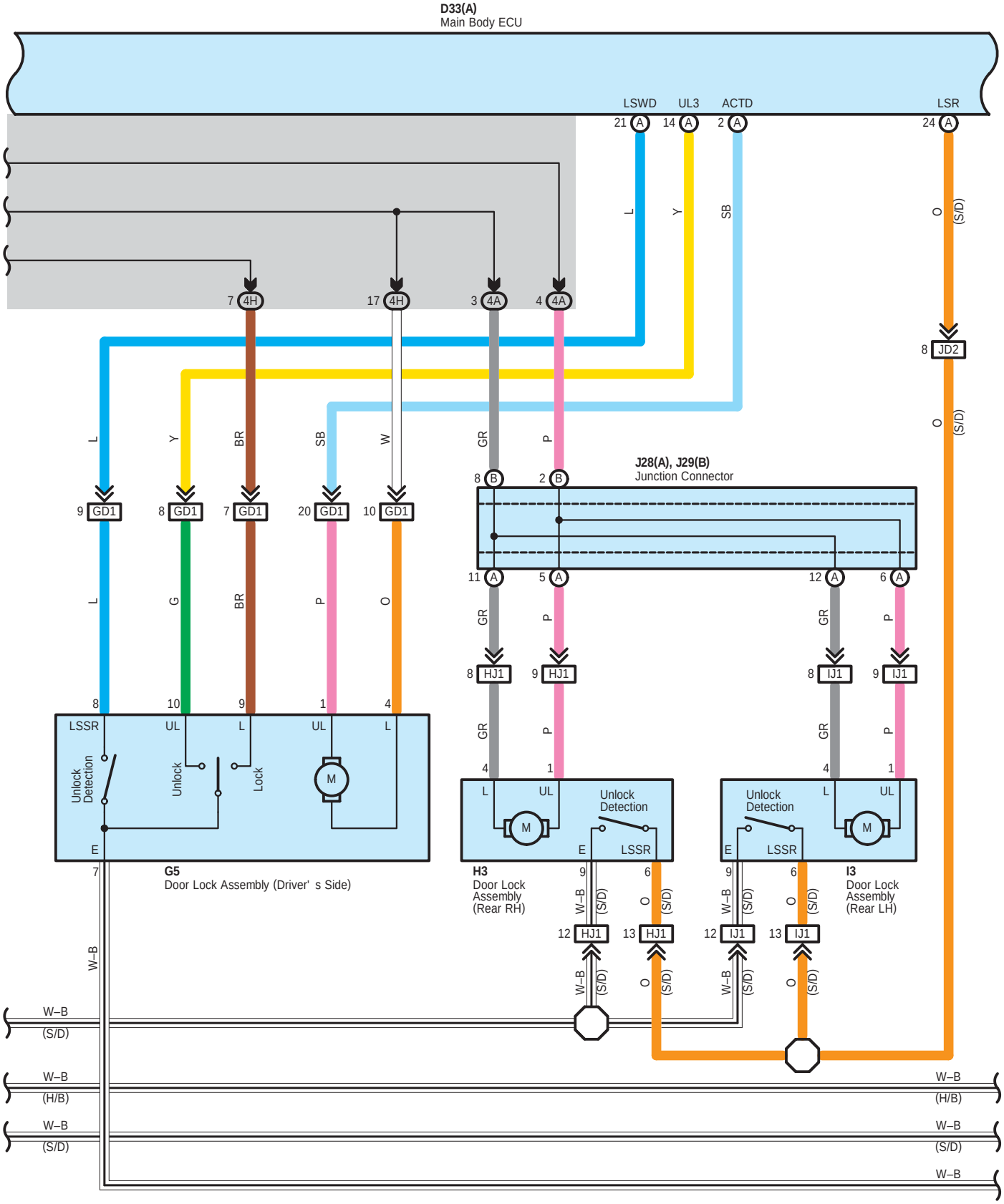
: Ground Points

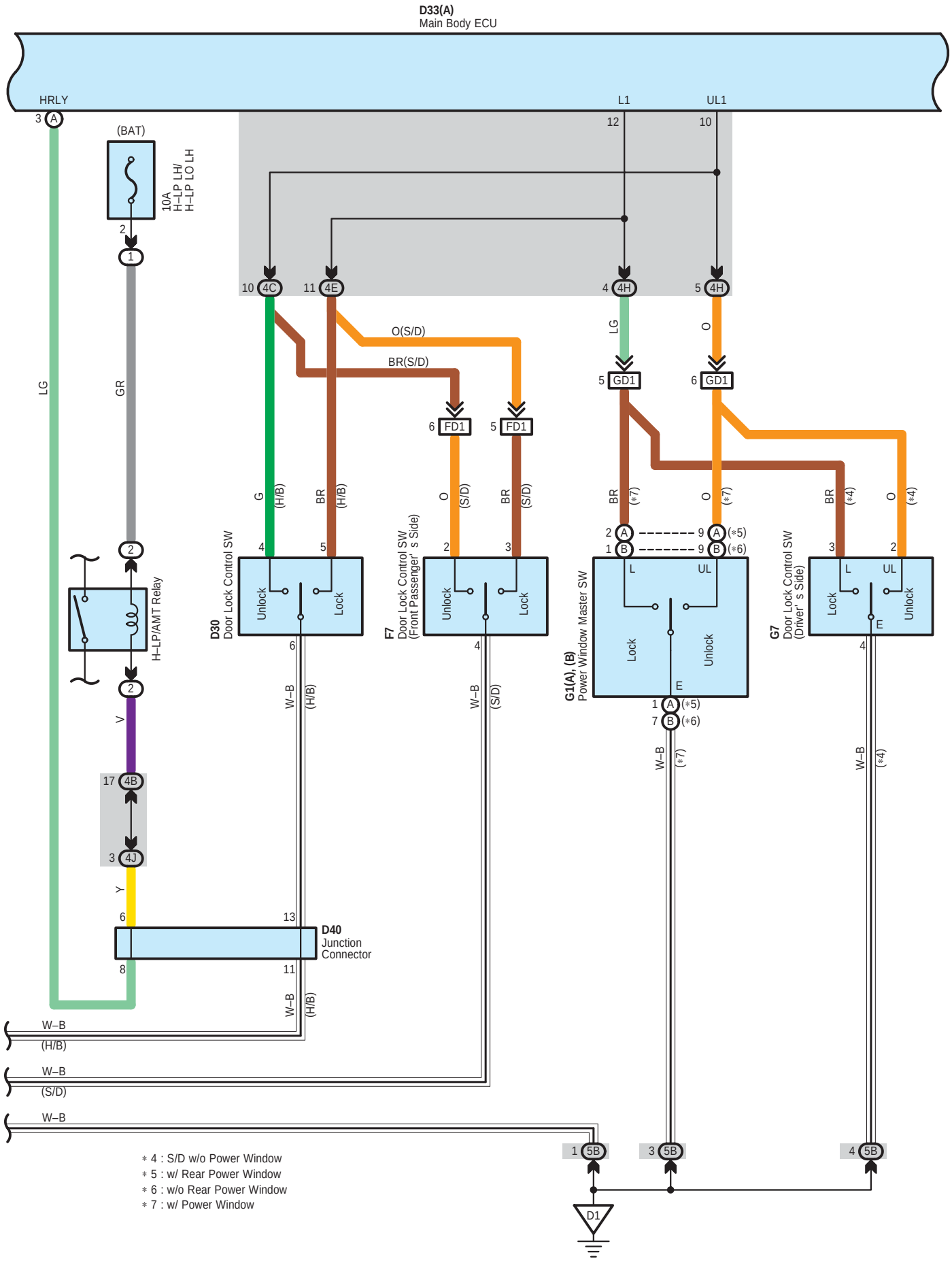
Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left
N1	64 (5–Door)	Back Door Panel Center
	65 (3–Door)	

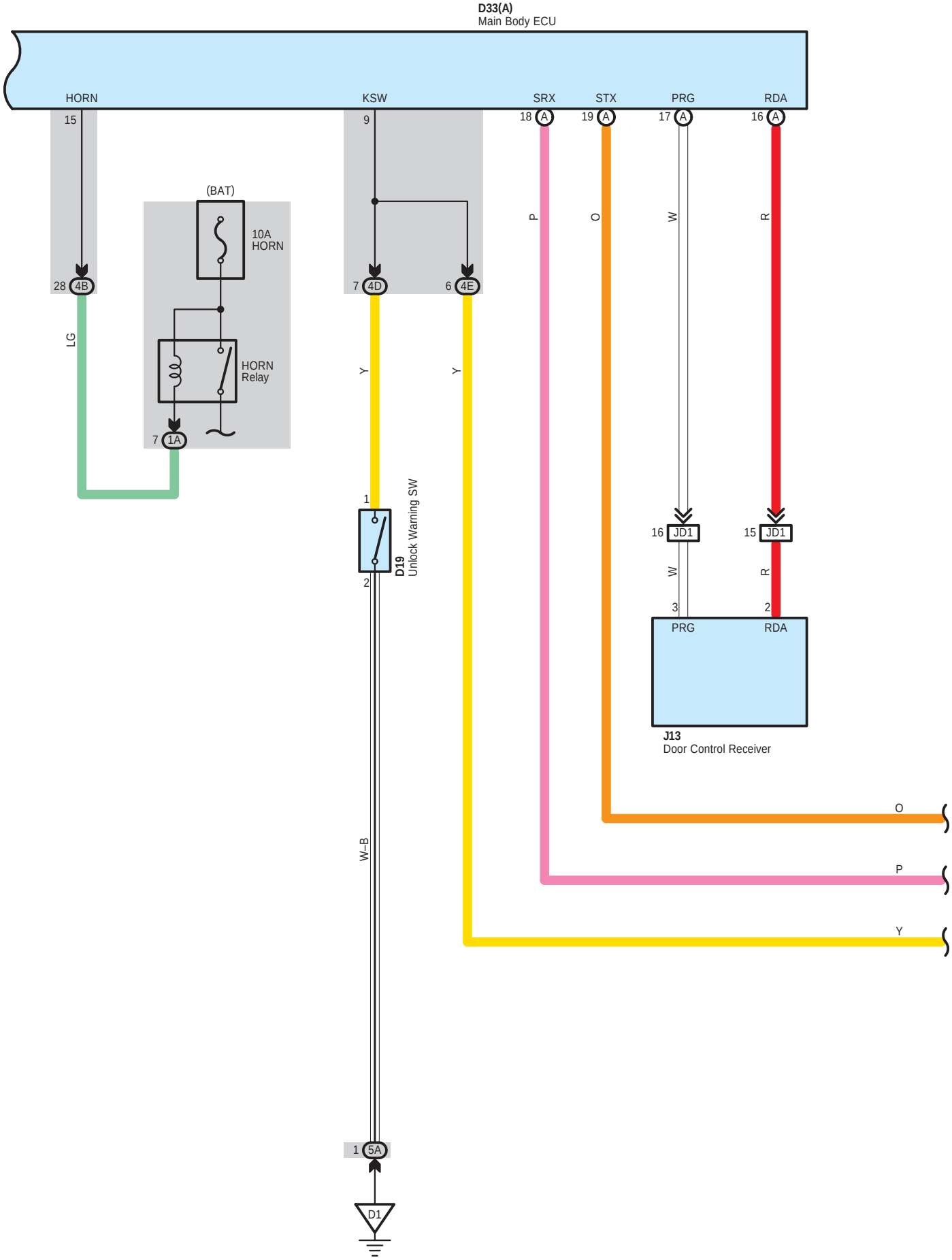

(BAT)
7. 5A
ECU–B
2
1
(BAT)
25A
D/L
(IG)
10A
ECU–IG
(ACC)
7. 5A
ACC
D33(A)
Main Body ECU
ACC
IG
ALTB
BECU
BCTY(H/B)
LGCY(S/D)
21
5
4
6
23
30
4B
7
4A
L
25
AA2
L
SB
6
B
5
B
J29(B)
Junction Connector
BR
(H/B)
12
MJ1
BR
(H/B)
15
MN1
BR
(S/D)
BR
(H/B)
3
2
Courtesy
Courtesy
J42
Door Lock Assembly
(Luggage)
N2
Back Door Courtesy SW
2
1
W–B
(S/D)
W–B
(H/B)
J2
N1

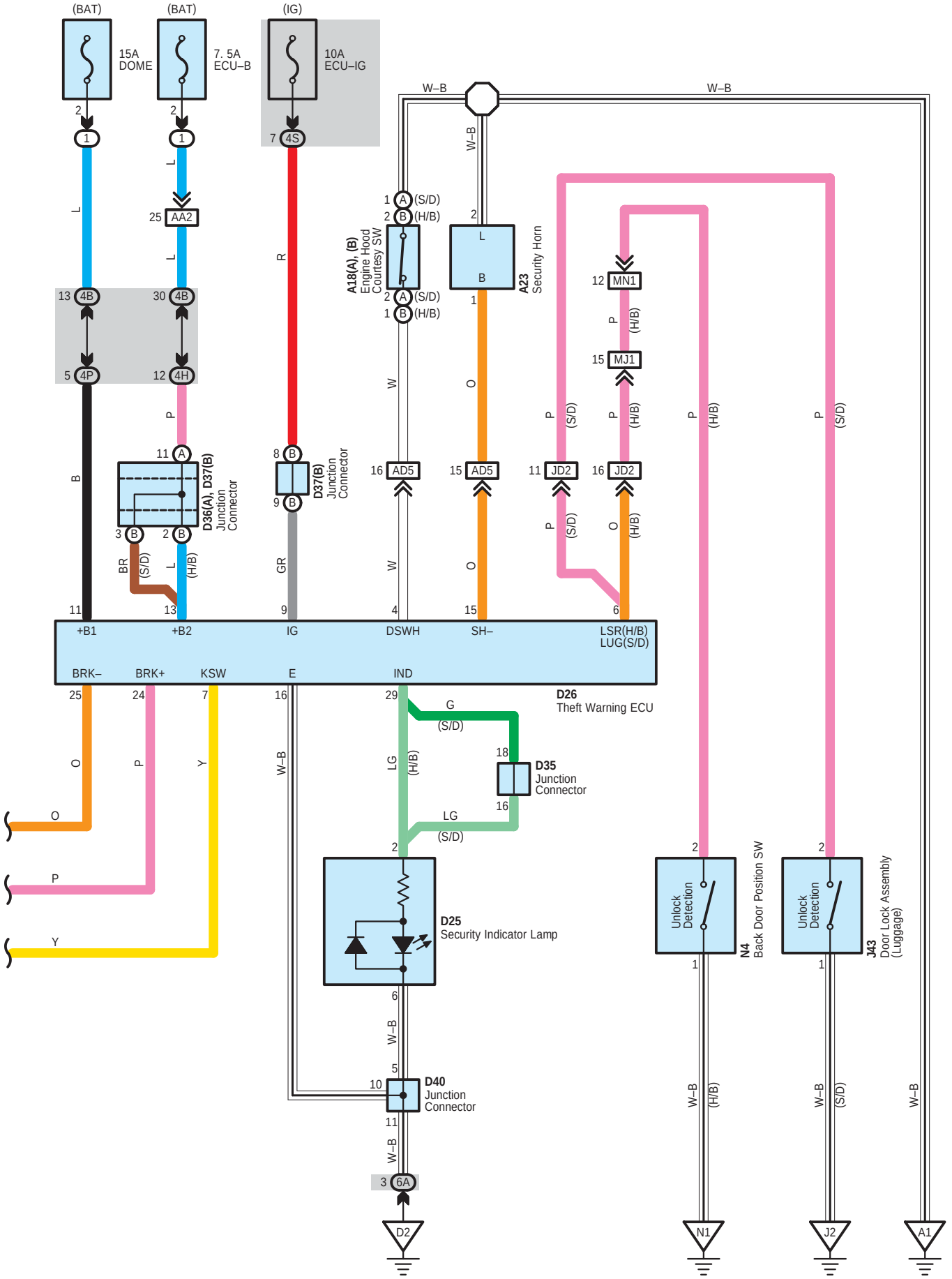


∗ 1 : S/D ∗3
∗ 2 : H/B, S/D Except ∗3
∗ 3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning


D33(A)
Main Body ECU
LSWD
UL3
ACTD
LSR
21 A
14 A
2 A
24 A
L
Y
SB
O
(S/D)
7 4H
17 4H
3 4A
4 4A
8 JD2
J28(A), J29(B)
Junction Connector
9 GD1
8 GD1
7 GD1
20 GD1
10 GD1
8 B
2 B
11 A
5 A
12 A
6 A
8 HJ1
9 HJ1
8 IJ1
9 IJ1
LSSR
UL
Unlock Detection
Unlock
Lock
M
E
G5
Door Lock Assembly (Driver' s Side)
H3
Door Lock Assembly (Rear RH)
I3
Door Lock Assembly (Rear LH)
12 HJ1
13 HJ1
12 IJ1
13 IJ1
W–B
(H/B)
(S/D)


D33(A)
Main Body ECU
HRLY
L1
UL1
(BAT)
10A
H–LP LH/
H–LP LO LH
LG
GR
O(S/D)
BR(S/D)
G (H/B)
BR (H/B)
O (S/D)
BR (S/D)
BR (*7)
O (*7)
BR (*4)
O (*4)
H–LP/AMT Relay
D30
Door Lock Control SW
F7
Door Lock Control SW
(Front Passenger' s Side)
G1(A), (B)
Power Window Master SW
G7
Door Lock Control SW
(Driver' s Side)
Unlock
Lock
L
UL
E
V
Y
W–B (H/B)
W–B (S/D)
W–B (*7)
W–B (*4)
D40
Junction
Connector
D1
* 4 : S/D w/o Power Window
* 5 : w/ Rear Power Window
* 6 : w/o Rear Power Window
* 7 : w/ Power Window


D33(A)
Main Body ECU
HORN
KSW
SRX
STX
PRG
RDA
15
9
18 A
19 A
17 A
16 A
(BAT)
10A
HORN
HORN
Relay
28 4B
7 4D
6 4E
7 1A
LG
Y
Y
P
O
W
R
1
2
D19
Unlock Warning SW
16 JD1
15 JD1
W
R
3
2
PRG
RDA
J13
Door Control Receiver
O
P
Y
W–B
1 5A
D1


(BAT)
(BAT)
(IG)
15A
DOME
7. 5A
ECU–B
10A
ECU–IG
W–B
W–B
A18(A), (B)
Engine Hood
Courtesy SW
A23
Security Horn
D36(A), D37(B)
Junction
Connector
D37(B)
Junction
Connector
+B1
+B2
IG
DSWH
SH–
LSR(H/B)
LUG(S/D)
BRK–
BRK+
KSW
E
IND
D26
Theft Warning ECU
D35
Junction
Connector
D25
Security Indicator Lamp
D40
Junction
Connector
Unlock
Detection
N4
Back Door Position SW
Unlock
Detection
J43
Door Lock Assembly
(Luggage)
D2
N1
J2
A1

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A18	A	48 (S/D)	F5		54 (5–Door)	J13		55 (5–Door)
	B	46 (H/B)			56 (3–Door)			57 (3–Door)
A23		46 (H/B)			58 (4–Door)			59 (4–Door)
		48 (S/D)	F7		58 (4–Door)	J28	A	55 (5–Door)
D19		51 (H/B)	G1	A	54 (5–Door)			57 (3–Door)
		53 (S/D)			58 (4–Door)			59 (4–Door)
D25		51 (H/B)		B	56 (3–Door)	J29	B	55 (5–Door)
		53 (S/D)	G5		54 (5–Door)			57 (3–Door)
D26		51 (H/B)			56 (3–Door)			59 (4–Door)
		53 (S/D)			58 (4–Door)	J32		55 (5–Door)
D30		51 (H/B)	G7		58 (4–Door)			59 (4–Door)
D33	A	51 (H/B)	H3		54 (5–Door)	J33		55 (5–Door)
		53 (S/D)			58 (4–Door)			59 (4–Door)
D35		53 (S/D)	I3		54 (5–Door)	J42		59 (4–Door)
D36	A	51 (H/B)			58 (4–Door)	J43		59 (4–Door)
		53 (S/D)	J1		55 (5–Door)	N2		54 (5–Door)
D37	B	51 (H/B)			57 (3–Door)			56 (3–Door)
		53 (S/D)			59 (4–Door)	N4		54 (5–Door)
D40		51 (H/B)	J2		55 (5–Door)			56 (3–Door)
		53 (S/D)			57 (3–Door)			
D76		53 (S/D)			59 (4–Door)			

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)
2	28	Engine Room R/B No.2 (Engine Compartment Right)

: Junction Block and Wire Harness Connector

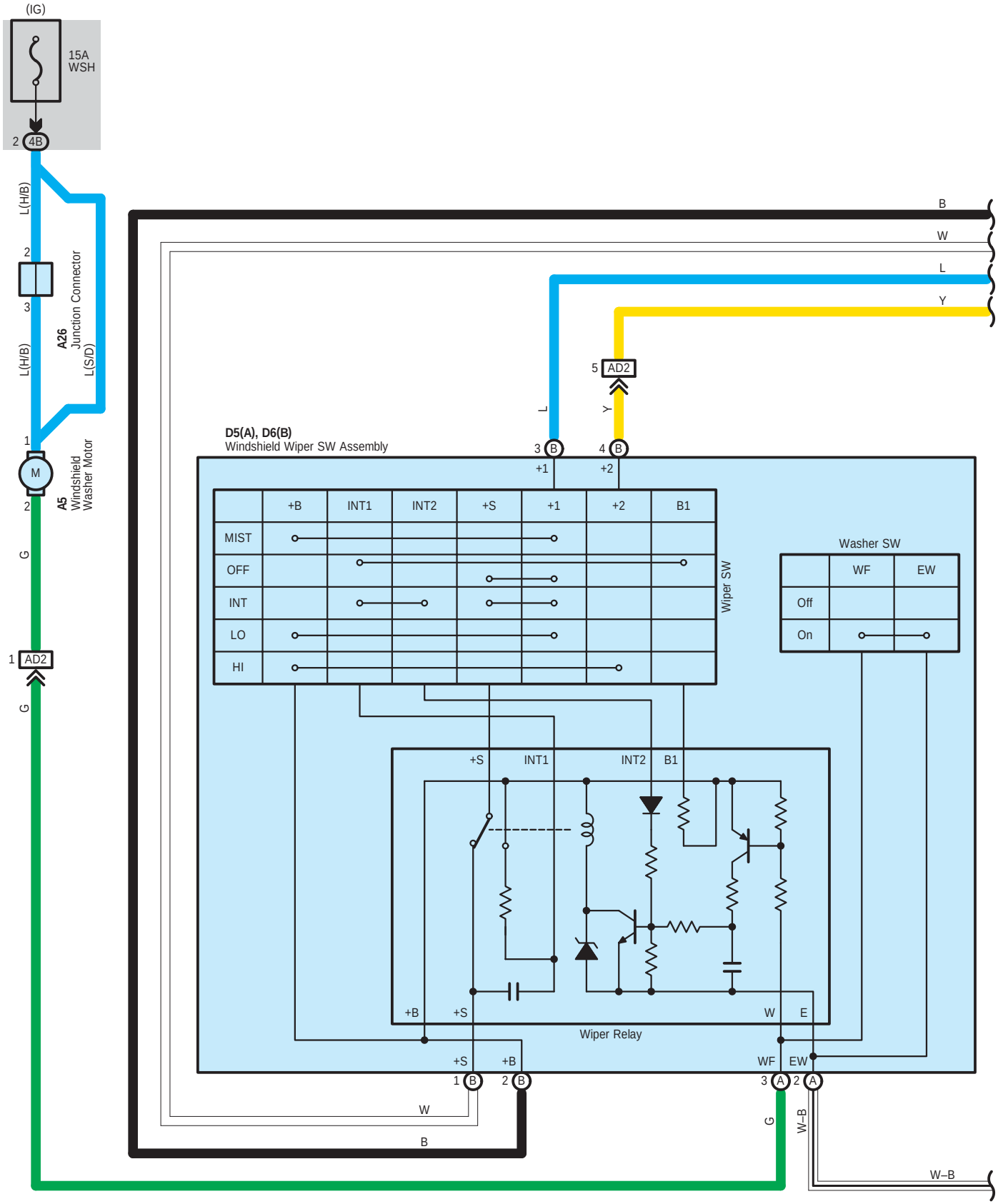
Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4E		
4H		
4J		
4P	31	
4S		
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)
5B	38	Front Door LH Wire and J/B No.5 (Left Kick Panel)
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)
6B	40	Front Door RH Wire and J/B No.6 (Right Kick Panel)

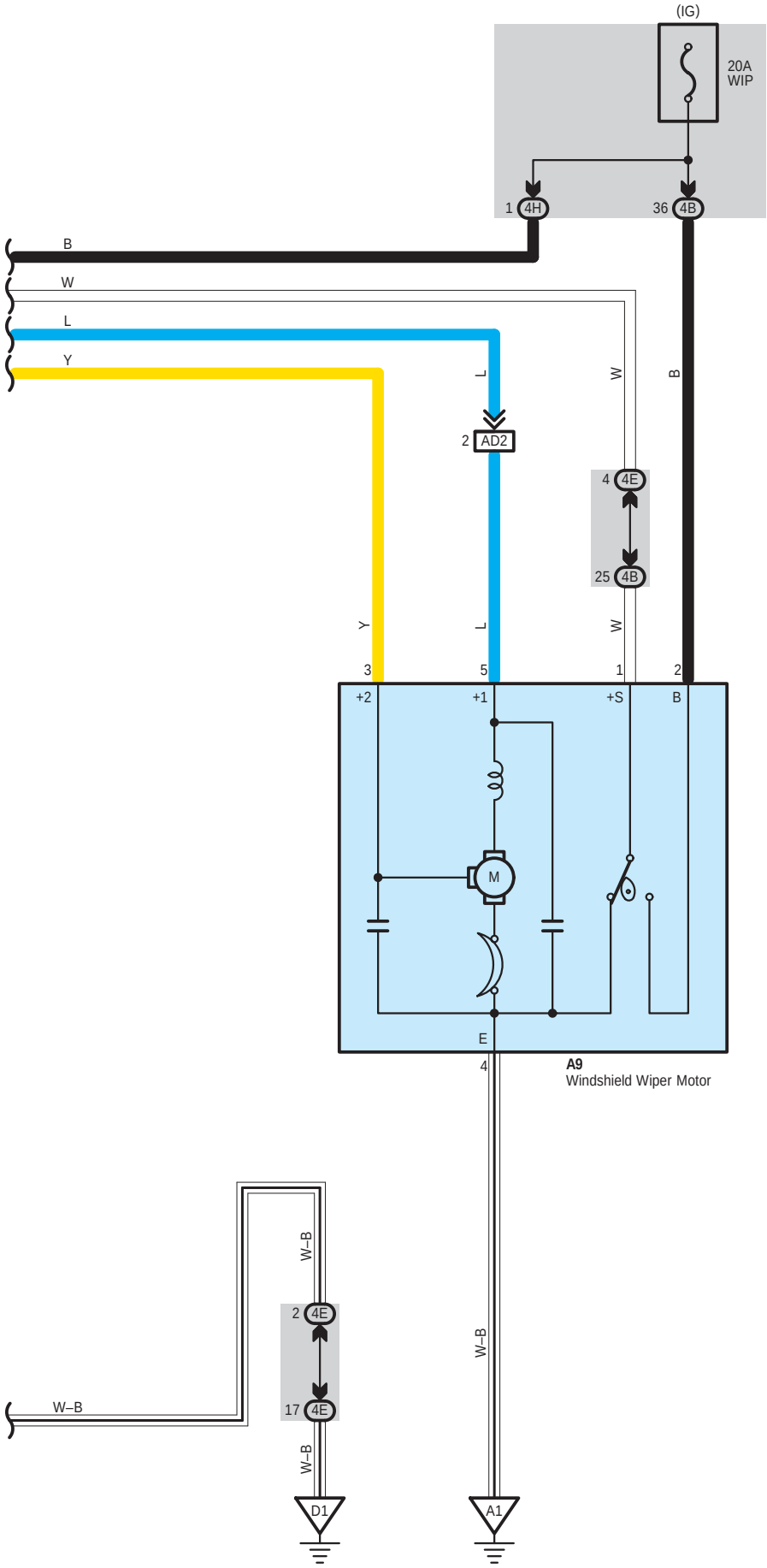
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B) 63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
AD5	62 (H/B) 63 (S/D)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
FD1	62 (H/B) 63 (S/D)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
GD1	62 (H/B) 63 (S/D)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
HJ1	64 (5–Door) 66 (4–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
IJ1	64 (5–Door) 66 (4–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
JD1	62 (H/B) 63 (S/D)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
JD2	62 (H/B) 63 (S/D)	
MJ1	64 (5–Door) 65 (3–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
MN1	64 (5–Door) 65 (3–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)

: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B) 61 (S/D)	Left Suspension Tower
D1	62 (H/B) 63 (S/D)	Left Kick Panel
D2	62 (H/B) 63 (S/D)	Right Kick Panel
J2	66 (4–Door)	Lower Back Panel Left
N1	64 (5–Door) 65 (3–Door)	Back Door Panel Center


(IG)
15A
WSH
2 4B
L(H/B)
2
3
A26
Junction Connector
L(S/D)
L(H/B)
1
M
2
A5
Windshield
Washer Motor
G
1 AD2
G
B
W
L
Y
5 AD2
L
Y
D5(A), D6(B)
Windshield Wiper SW Assembly
3 B
4 B
+1
+2
+B
INT1
INT2
+S
+1
+2
B1
MIST
OFF
INT
LO
HI
Wiper SW
Washer SW
WF
EW
Off
On
+S
INT1
INT2
B1
+B
+S
W
E
Wiper Relay
+S
+B
1 B
2 B
WF
EW
3 A
2 A
W
B
G
W–B
W–B


(IG)
20A
WIP
1 4H
36 4B
B
W
L
Y
L
W
B
2 AD2
4 4E
25 4B
Y
L
W
3
5
1
2
+2
+1
+S
B
M
E
4
A9
Windshield Wiper Motor
W–B
2 4E
17 4E
W–B
W–B
D1
A1

Front Wiper and Washer

System Outline

1. Intermittent Function

When the wiper control switch is turned to INT position, the wiper makes intermittent operation with an interval time of approximately 3.3 seconds.

2. Washer–Linked Function

When the washer switch is turned ON for approximately 0.3 seconds or more, the wiper starts a LO operation at the same time as the washer fluid is ejected. When the switch is turned ON for approximately 1.5 seconds or more, the wiper keeps a LO operation for approximately 2.2 seconds after the washer switch is turned OFF, and then stops its operation.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A5	46 (H/B)	A9	48 (S/D)	D5 A	53 (S/D)
	48 (S/D)	A26	50 (H/B)	D6 B	51 (H/B)
A9	46 (H/B)	D5 A	51 (H/B)		53 (S/D)

: Junction Block and Wire Harness Connector

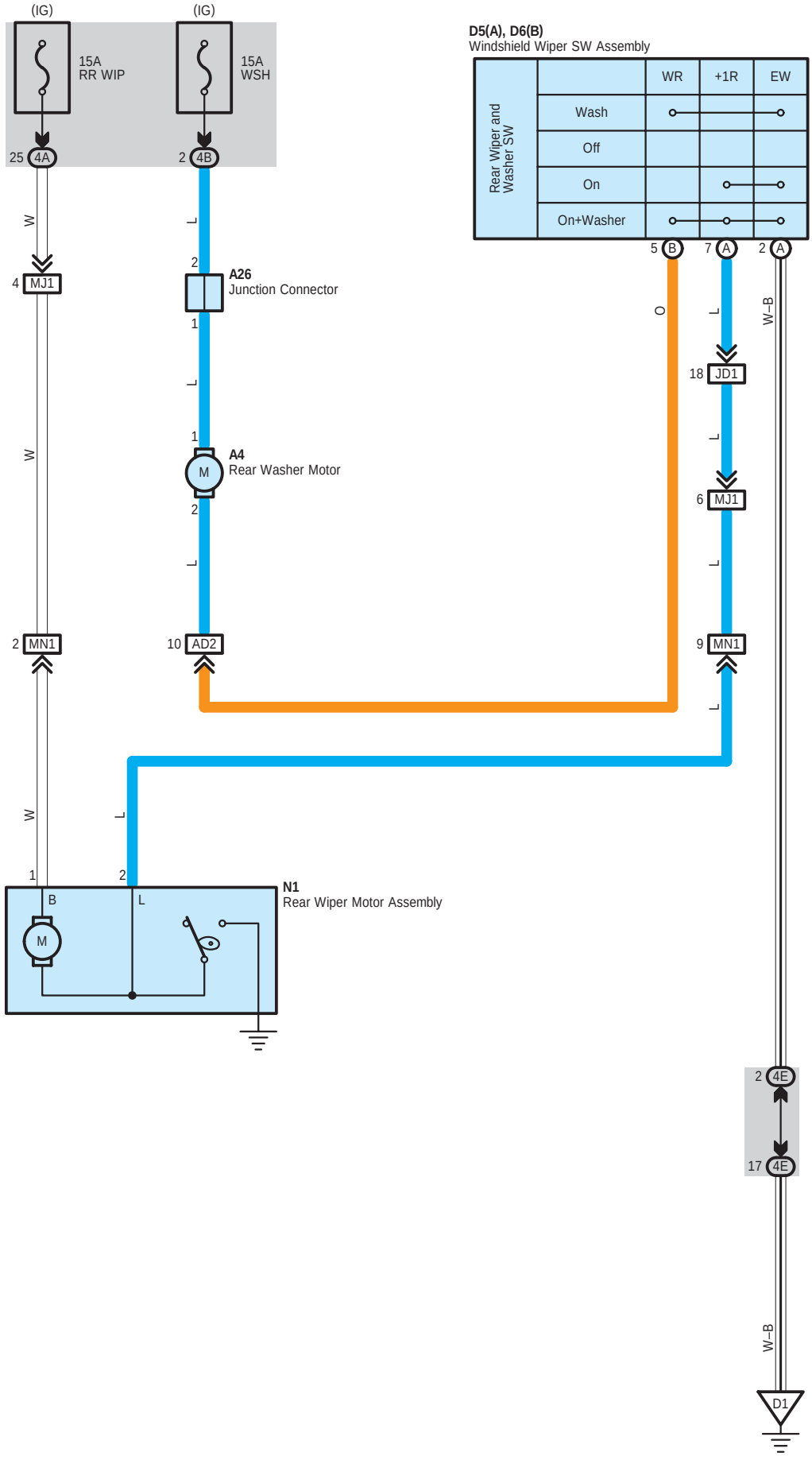
Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4H		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

▽ : Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	


(IG)
(IG)
15A
RR WIP
15A
WSH
25 4A
2 4B
D5(A), D6(B)
Windshield Wiper SW Assembly
Rear Wiper and Washer SW
WR
+1R
EW
Wash
Off
On
On+Washer
5 B
7 A
2 A
W
L
O
W–B
4 MJ1
18 JD1
2
A26
Junction Connector
1
1
A4
Rear Washer Motor
M
2
6 MJ1
2 MN1
10 AD2
9 MN1
1
2
N1
Rear Wiper Motor Assembly
B
L
M
2 4E
17 4E
D1

: Parts Location

Code	See Page	Code		See Page	Code	See Page
A4	46 (H/B)	D5	A	51 (H/B)	N1	54 (5–Door)
A26	50 (H/B)	D6	B	51 (H/B)		56 (3–Door)

: Junction Block and Wire Harness Connector

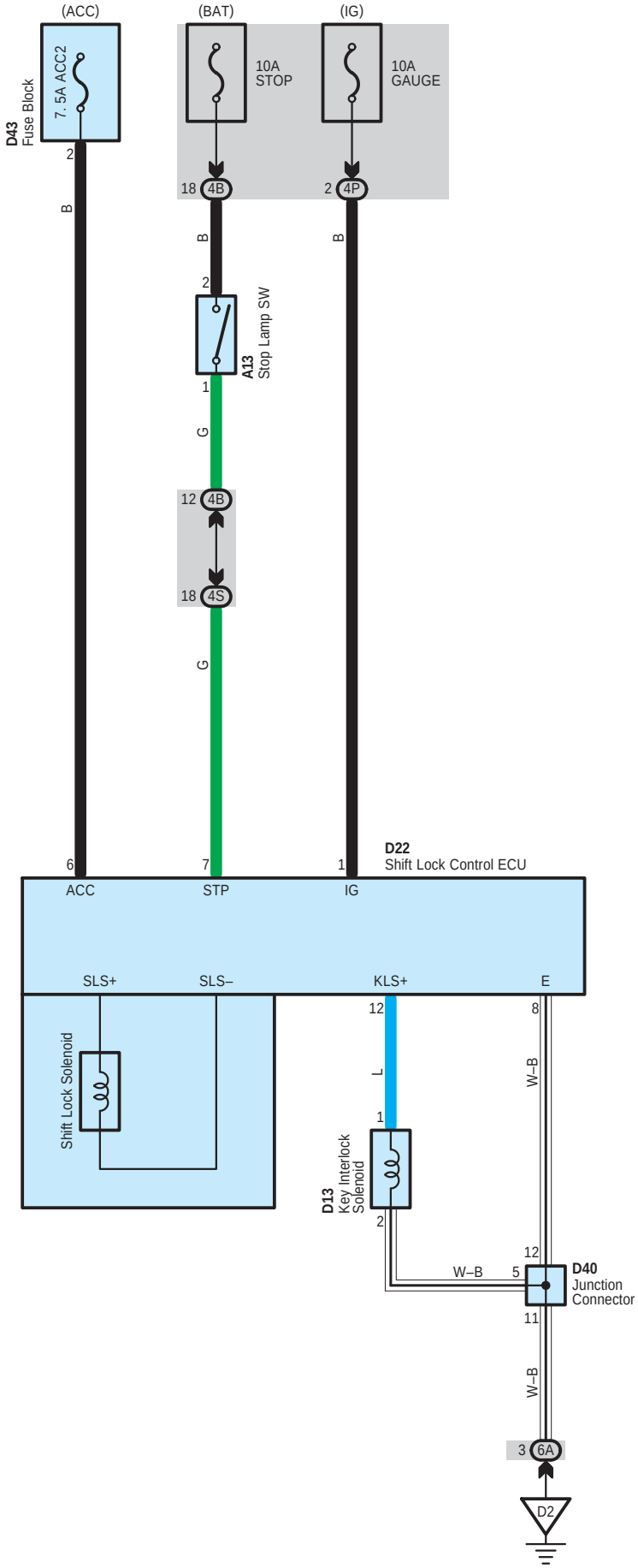
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
JD1	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	
MN1	64 (5–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)
	65 (3–Door)	

: Ground Points

Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel


(ACC)
(BAT)
(IG)
D43
Fuse Block
7. 5A ACC2
10A
STOP
10A
GAUGE
2
18 4B
2 4P
B
B
B
2
A13
Stop Lamp SW
1
G
12 4B
18 4S
G
6
7
1
D22
Shift Lock Control ECU
ACC
STP
IG
SLS+
SLS–
KLS+
E
12
8
L
W–B
1
Shift Lock Solenoid
D13
Key Interlock
Solenoid
2
12
W–B
5
D40
Junction
Connector
11
W–B
3 6A
D2

System Outline

The shift lever can be shifted from P range only when the brake pedal is depressed with the ignition key at ON position.

○ : Parts Location

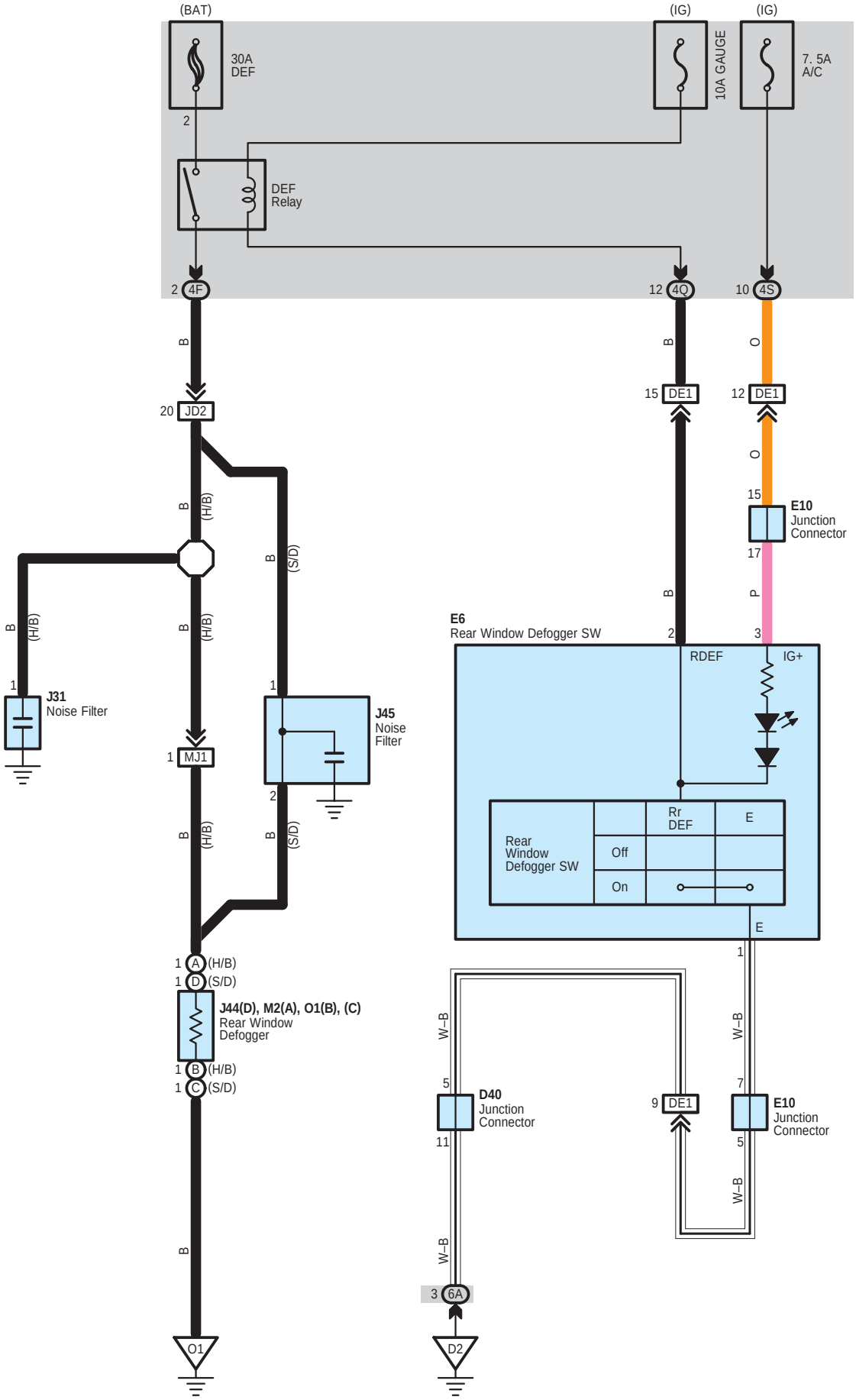
Code	See Page	Code	See Page	Code	See Page
A13	50 (H/B)	D22	51 (H/B)	D43	45, 51 (H/B)
	52 (S/D)		53 (S/D)		45, 53 (S/D)
D13	51 (H/B)	D40	51 (H/B)		
	53 (S/D)		53 (S/D)		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4P	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	


(BAT)
(IG)
(IG)
30A
DEF
10A GAUGE
7. 5A
A/C
DEF
Relay
2 4F
12 4Q
10 4S
20 JD2
15 DE1
12 DE1
E10
Junction
Connector
E6
Rear Window Defogger SW
RDEF
IG+
Rr
DEF
E
Rear
Window
Defogger SW
Off
On
J31
Noise Filter
J45
Noise
Filter
1 MJ1
J44(D), M2(A), O1(B), (C)
Rear Window
Defogger
D40
Junction
Connector
9 DE1
E10
Junction
Connector
3 6A
O1
D2

: Parts Location

Code	See Page	Code	See Page	Code		See Page
D40	51 (H/B)	E10	52 (S/D)	M2	A	54 (5–Door)
	53 (S/D)	J31	55 (5–Door)			56 (3–Door)
E6	50 (H/B)		57 (3–Door)	O1	B	54 (5–Door)
	52 (S/D)	J44 D	59 (4–Door)			56 (3–Door)
E10	50 (H/B)	J45	59 (4–Door)		C	58 (4–Door)

: Junction Block and Wire Harness Connector

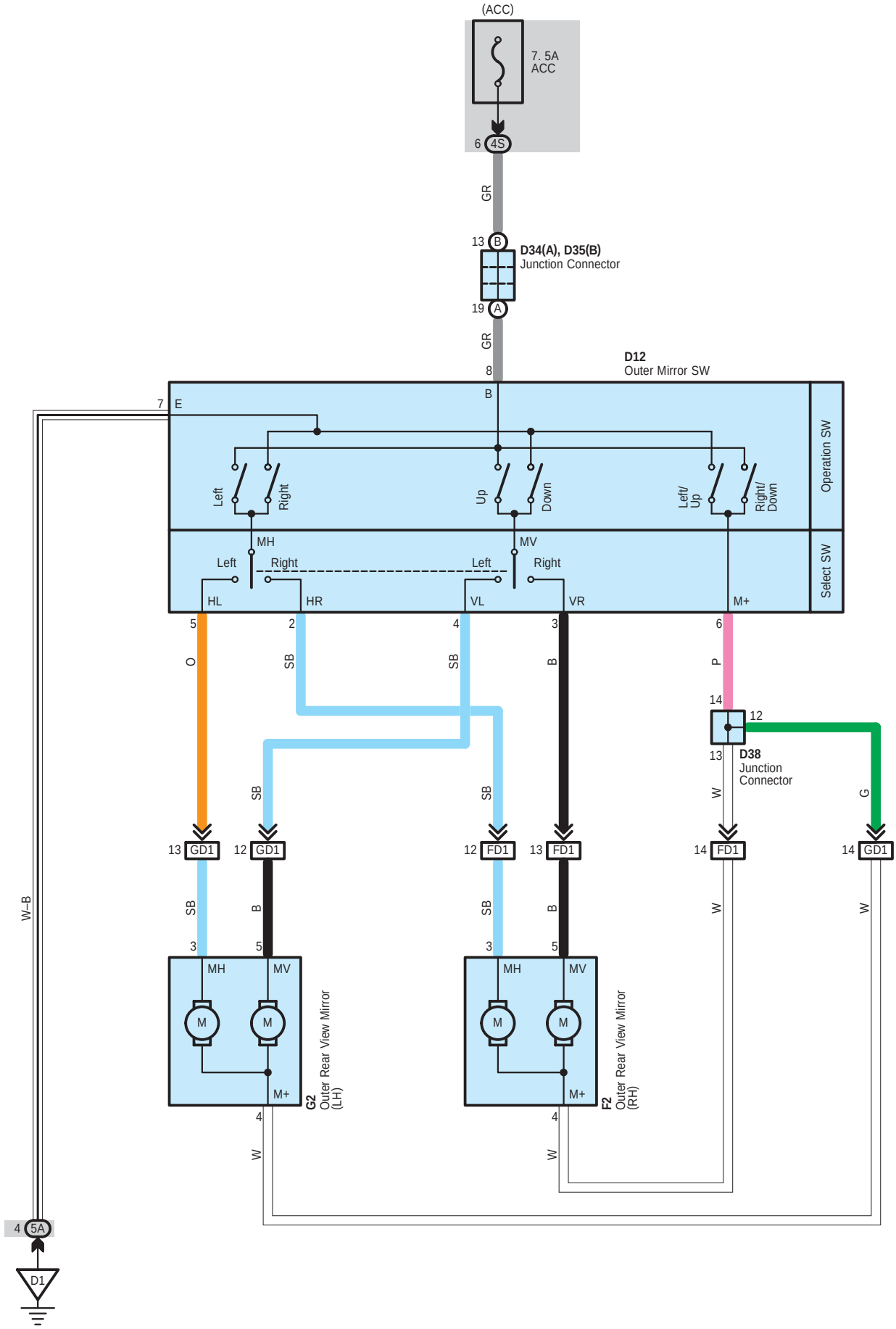
Code	See Page	Junction Block and Wire Harness (Connector Location)
4F	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4Q	31	
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	
JD2	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	

: Ground Points

Code	See Page	Ground Points Location
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	
O1	64 (5–Door)	Back Door Panel Left
	65 (3–Door)	
	66 (4–Door)	Right Rear Quarter Panel


(ACC)
7. 5A
ACC
6 4S
GR
13 B
D34(A), D35(B)
Junction Connector
19 A
GR
8
D12
Outer Mirror SW
B
7 E
Left
Right
Up
Down
Left/
Up
Right/
Down
Operation SW
MH
MV
Left
Right
Left
Right
Select SW
HL
HR
VL
VR
M+
5
2
4
3
6
O
SB
SB
B
P
14
12
13
D38
Junction
Connector
W
G
SB
SB
13 GD1
12 GD1
12 FD1
13 FD1
14 FD1
14 GD1
SB
B
SB
B
W
W
3
5
3
5
MH
MV
MH
MV
M
M
M
M
M+
M+
G2
Outer Rear View Mirror
(LH)
F2
Outer Rear View Mirror
(RH)
4
4
W
W
W–B
4 5A
D1

: Parts Location

Code		See Page	Code		See Page	Code	See Page
D12		51 (H/B)	D35	B	53 (S/D)	F2	58 (4–Door)
		53 (S/D)	D38		51 (H/B)	G2	54 (5–Door)
D34	A	51 (H/B)			53 (S/D)		56 (3–Door)
		53 (S/D)	F2		54 (5–Door)		58 (4–Door)
D35	B	51 (H/B)			56 (3–Door)		

: Junction Block and Wire Harness Connector

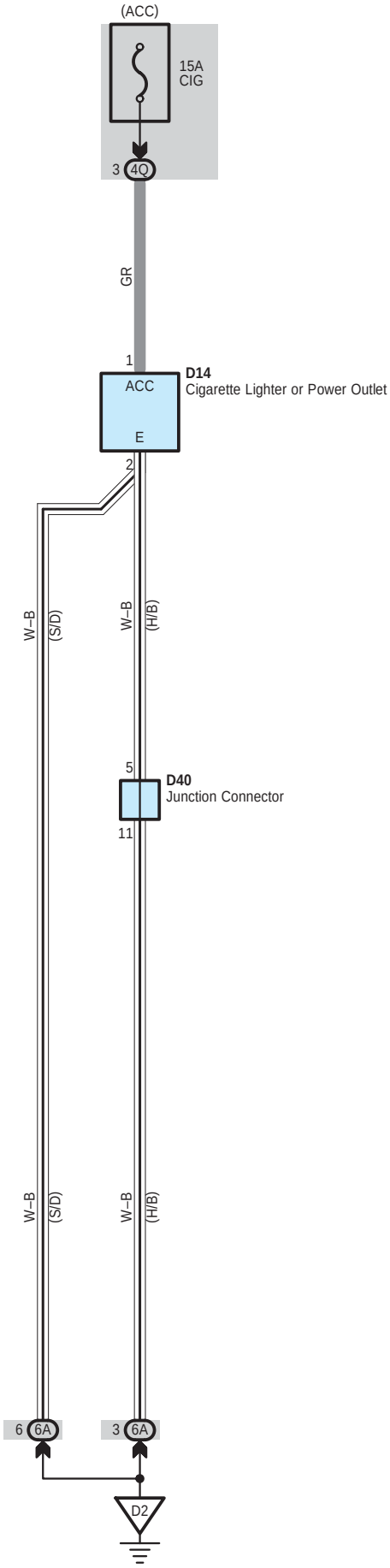
Code	See Page	Junction Block and Wire Harness (Connector Location)
4S	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
FD1	62 (H/B)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	63 (S/D)	
GD1	62 (H/B)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	63 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	


(ACC)
15A
CIG
3
4Q
GR
1
ACC
D14
Cigarette Lighter or Power Outlet
E
2
W–B
(S/D)
W–B
(H/B)
5
D40
Junction Connector
11
W–B
(S/D)
W–B
(H/B)
6
6A
3
6A
D2

○ : Parts Location

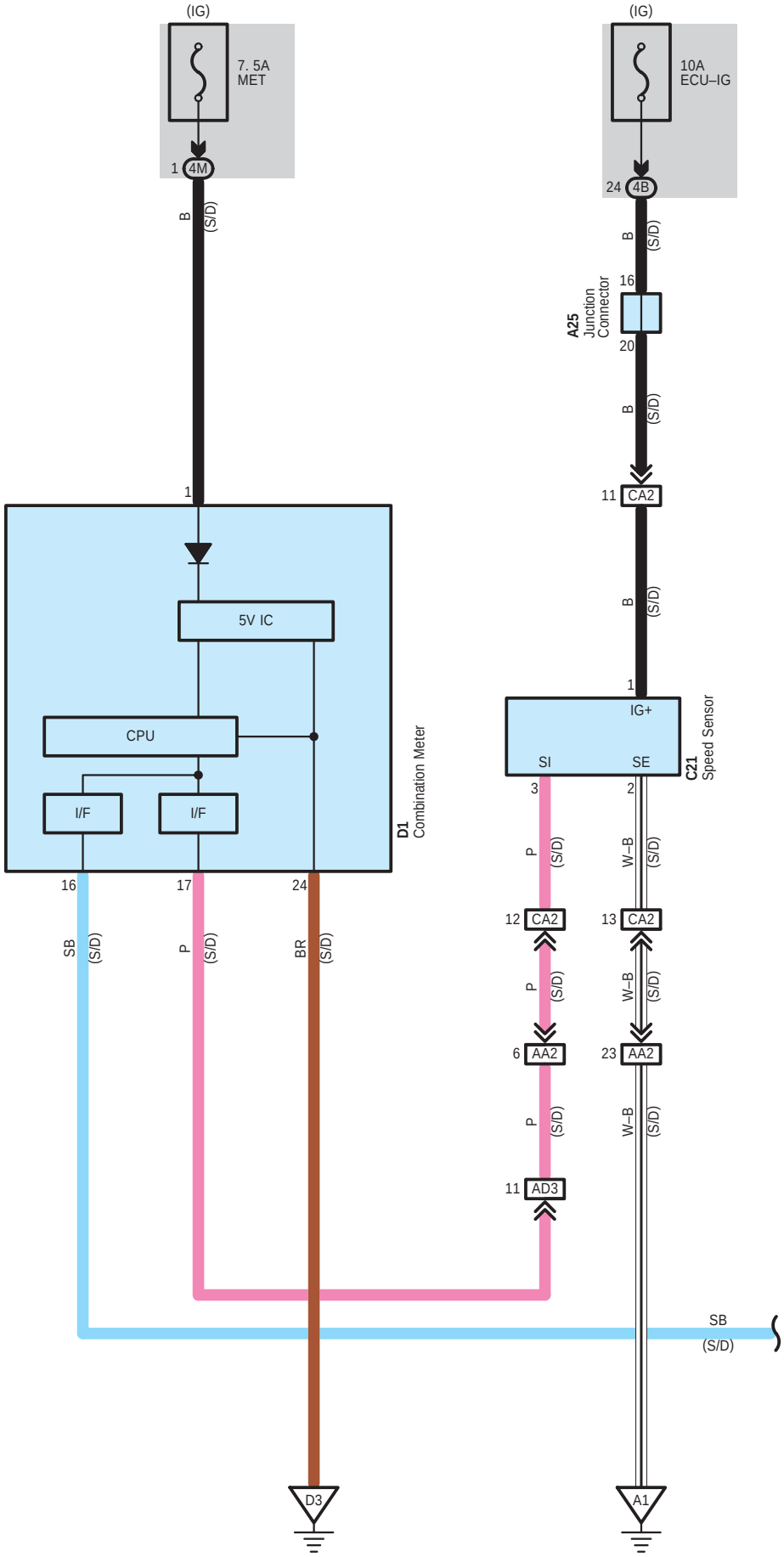
Code	See Page	Code	See Page	Code	See Page
D14	51 (H/B)	D14	53 (S/D)	D40	51 (H/B)

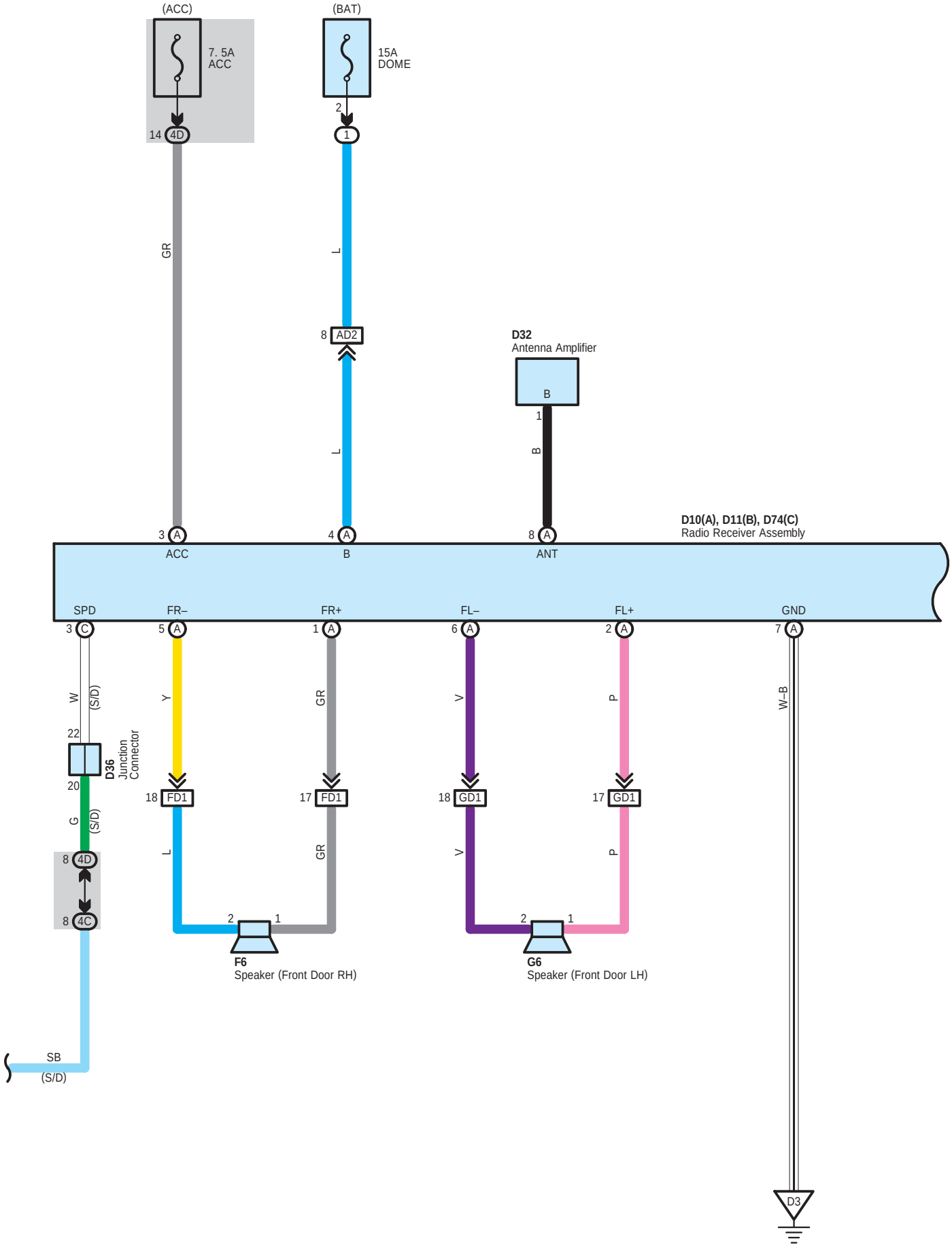
: Junction Block and Wire Harness Connector

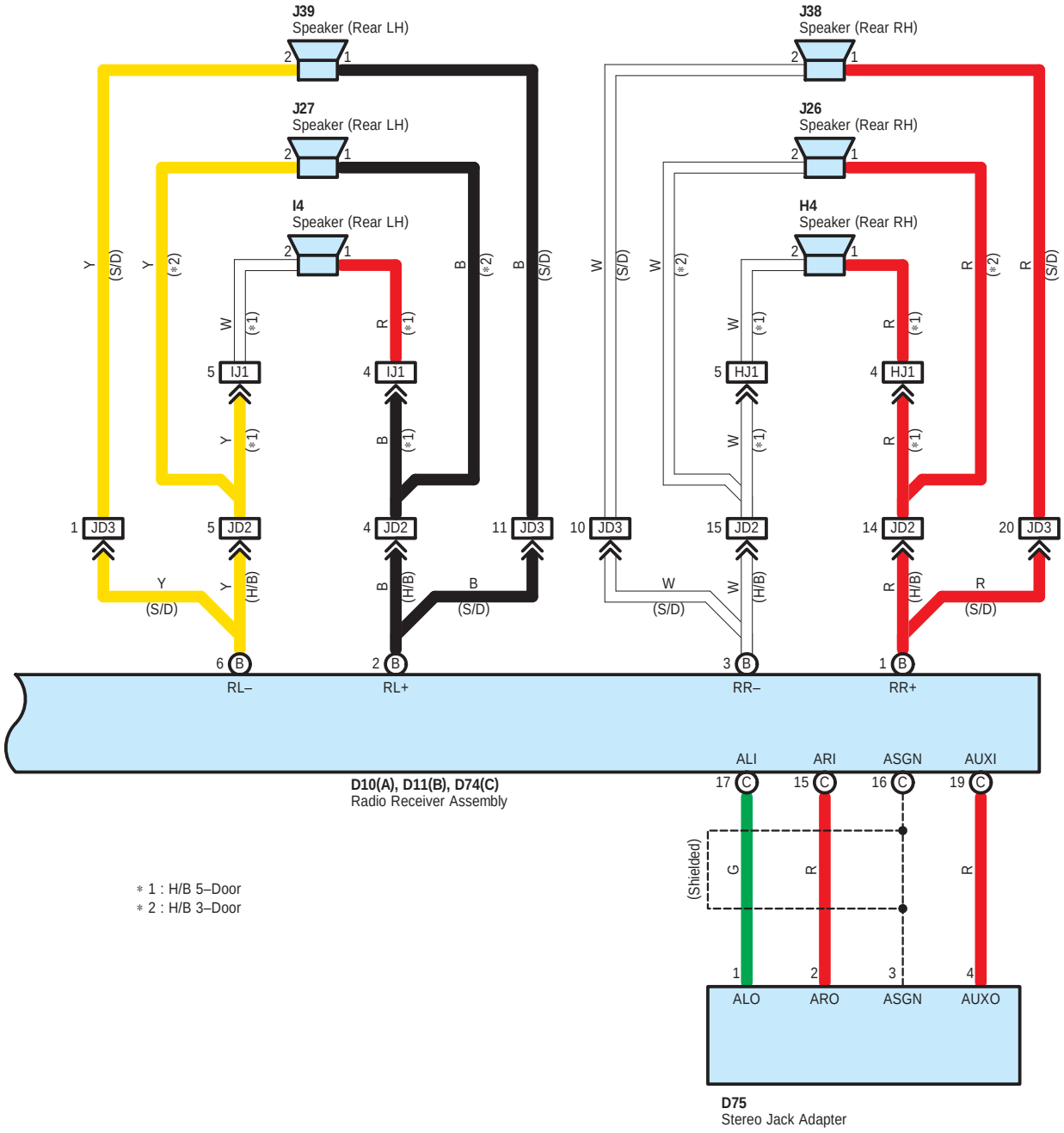
Code	See Page	Junction Block and Wire Harness (Connector Location)
4Q	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
D2	62 (H/B) 63 (S/D)	Right Kick Panel


(IG)
7. 5A
MET
1
4M
B
(S/D)
1
5V IC
CPU
I/F
I/F
D1
Combination Meter
16
17
24
SB
(S/D)
P
(S/D)
BR
(S/D)
D3
(IG)
10A
ECU–IG
24
4B
B
(S/D)
16
A25
Junction
Connector
20
B
(S/D)
11
CA2
B
(S/D)
1
IG+
SI
SE
C21
Speed Sensor
3
2
P
(S/D)
W–B
(S/D)
12
CA2
13
CA2
P
(S/D)
W–B
(S/D)
6
AA2
23
AA2
P
(S/D)
W–B
(S/D)
11
AD3
SB
(S/D)
A1


(ACC)
7. 5A
ACC
14 4D
(BAT)
15A
DOME
2
1
GR
L
8 AD2
L
D32
Antenna Amplifier
B
1
B
D10(A), D11(B), D74(C)
Radio Receiver Assembly
3 A
ACC
4 A
B
8 A
ANT
SPD
FR–
FR+
FL–
FL+
GND
3 C
5 A
1 A
6 A
2 A
7 A
W
(S/D)
22
D36
Junction
Connector
20
G
(S/D)
8 4D
8 4C
Y
GR
V
P
W–B
18 FD1
17 FD1
18 GD1
17 GD1
L
GR
V
P
2
1
F6
Speaker (Front Door RH)
G6
Speaker (Front Door LH)
SB
(S/D)
D3


J39
Speaker (Rear LH)
J27
Speaker (Rear LH)
I4
Speaker (Rear LH)
J38
Speaker (Rear RH)
J26
Speaker (Rear RH)
H4
Speaker (Rear RH)
IJ1
HJ1
JD2
JD3
RL–
RL+
RR–
RR+
D10(A), D11(B), D74(C)
Radio Receiver Assembly
ALI
ARI
ASGN
AUXI
(Shielded)
ALO
ARO
ASGN
AUXO
D75
Stereo Jack Adapter
* 1 : H/B 5–Door
* 2 : H/B 3–Door

: Parts Location

Code		See Page	Code		See Page	Code	See Page
A25		48 (S/D)	D36		53 (S/D)	G6	56 (3–Door)
C21		49 (S/D)	D74	C	51 (H/B)		58 (4–Door)
D1		53 (S/D)			53 (S/D)	H4	54 (5–Door)
D10	A	51 (H/B)	D75		51 (H/B)	I4	54 (5–Door)
		53 (S/D)			53 (S/D)	J26	57 (3–Door)
D11	B	51 (H/B)	F6		54 (5–Door)	J27	57 (3–Door)
		53 (S/D)			56 (3–Door)	J38	59 (4–Door)
D32		51 (H/B)			58 (4–Door)	J39	59 (4–Door)
		53 (S/D)	G6		54 (5–Door)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

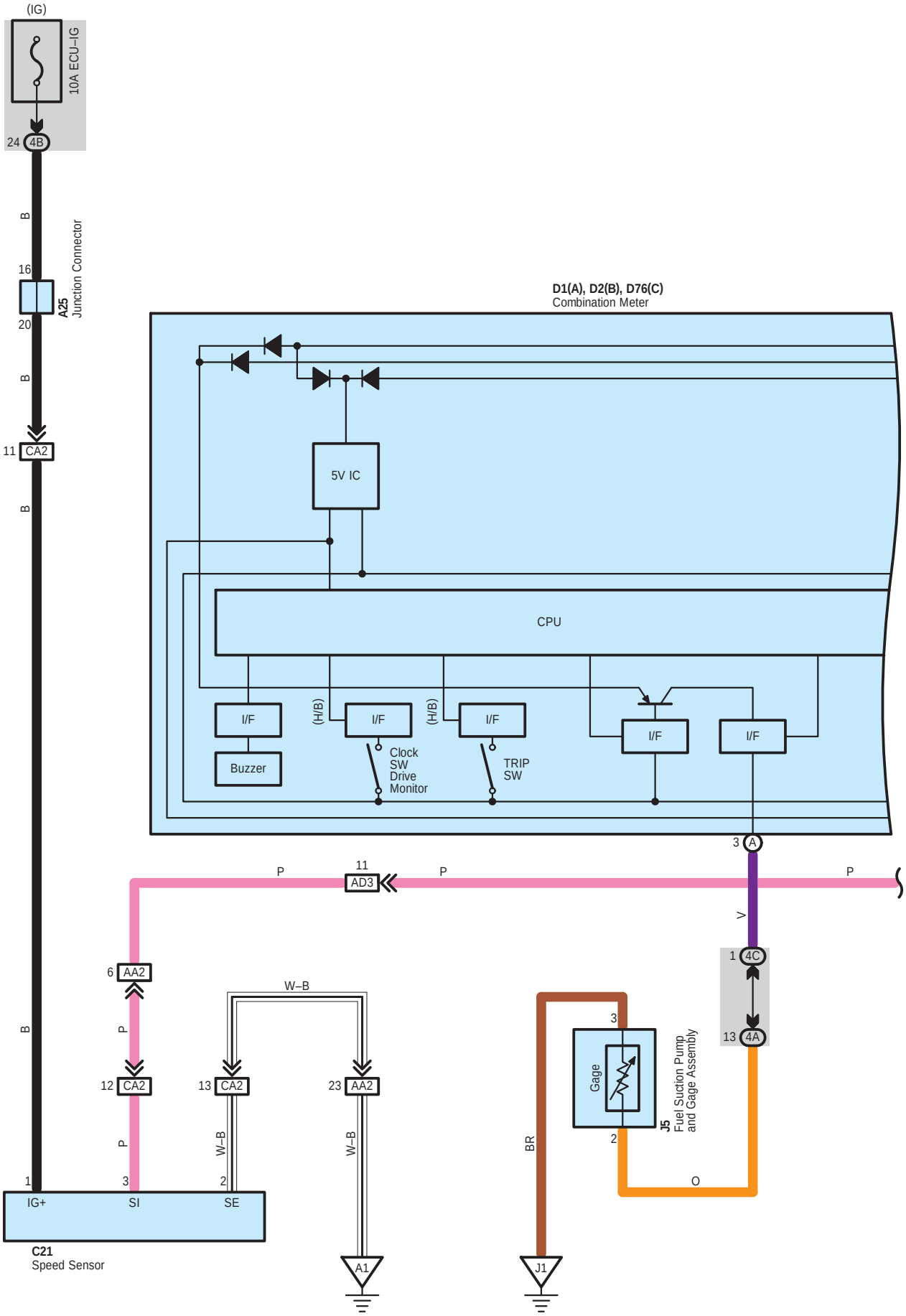
Code	See Page	Junction Block and Wire Harness (Connector Location)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4M	31	

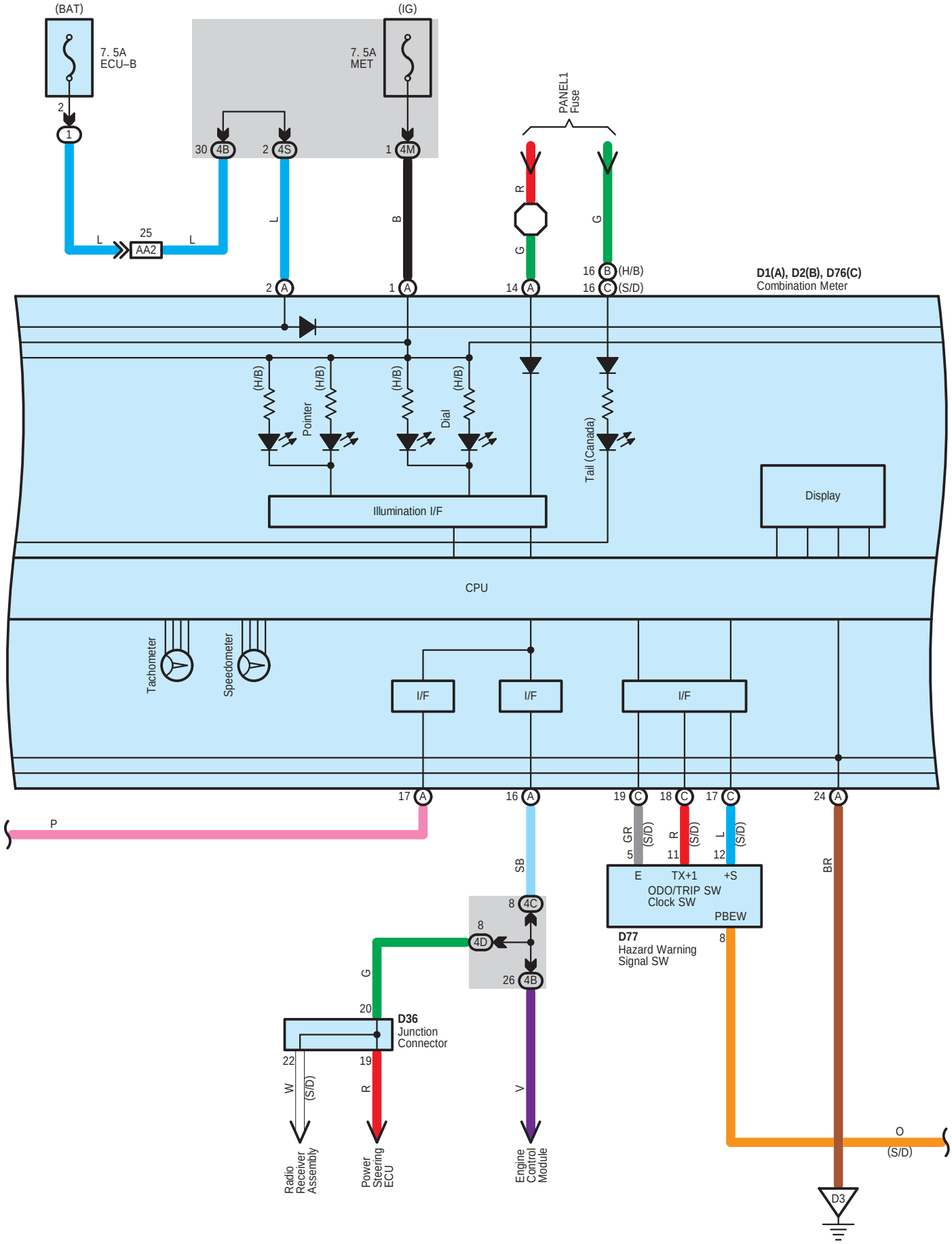
: Connector Joining Wire Harness and Wire Harness

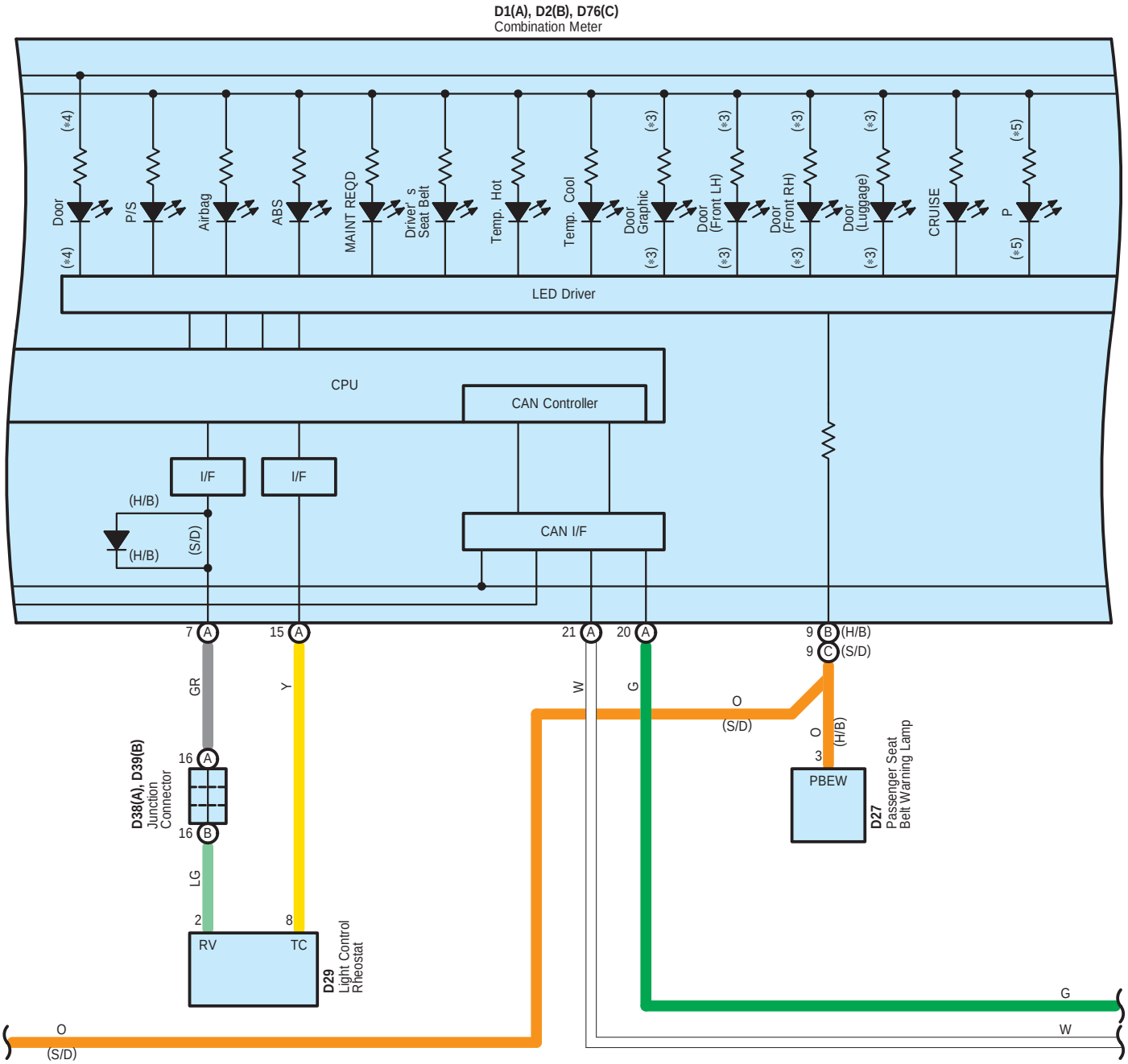
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	63 (S/D)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD3	63 (S/D)	
CA2	61 (S/D)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
FD1	62 (H/B)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	63 (S/D)	
GD1	62 (H/B)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	63 (S/D)	
HJ1	64 (5–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
IJ1	64 (5–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
JD2	62 (H/B)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
JD3	63 (S/D)	

: Ground Points

Code	See Page	Ground Points Location
A1	61 (S/D)	Left Suspension Tower
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	

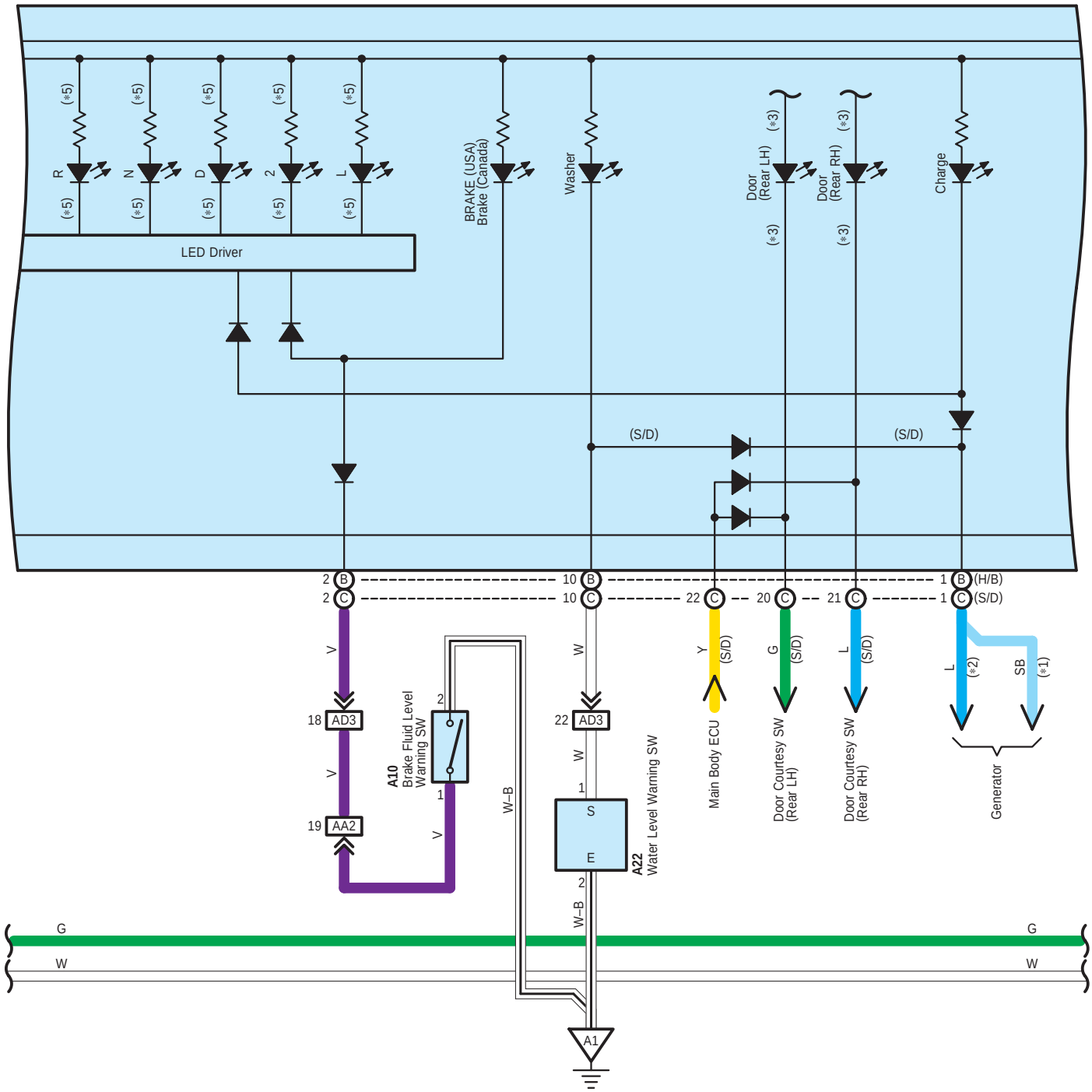

(IG)
10A ECU–IG
24 4B
B
16
A25
Junction Connector
20
B
11 CA2
B
D1(A), D2(B), D76(C)
Combination Meter
5V IC
CPU
I/F
Buzzer
(H/B)
I/F
Clock
SW
Drive
Monitor
(H/B)
I/F
TRIP
SW
I/F
I/F
3 A
P
11
AD3
P
P
V
1 4C
13 4A
6 AA2
P
12 CA2
P
W–B
13 CA2
W–B
23 AA2
W–B
3
Gage
2
J5
Fuel Suction Pump
and Gage Assembly
BR
O
B
1
IG+
3
SI
2
SE
C21
Speed Sensor
A1
J1

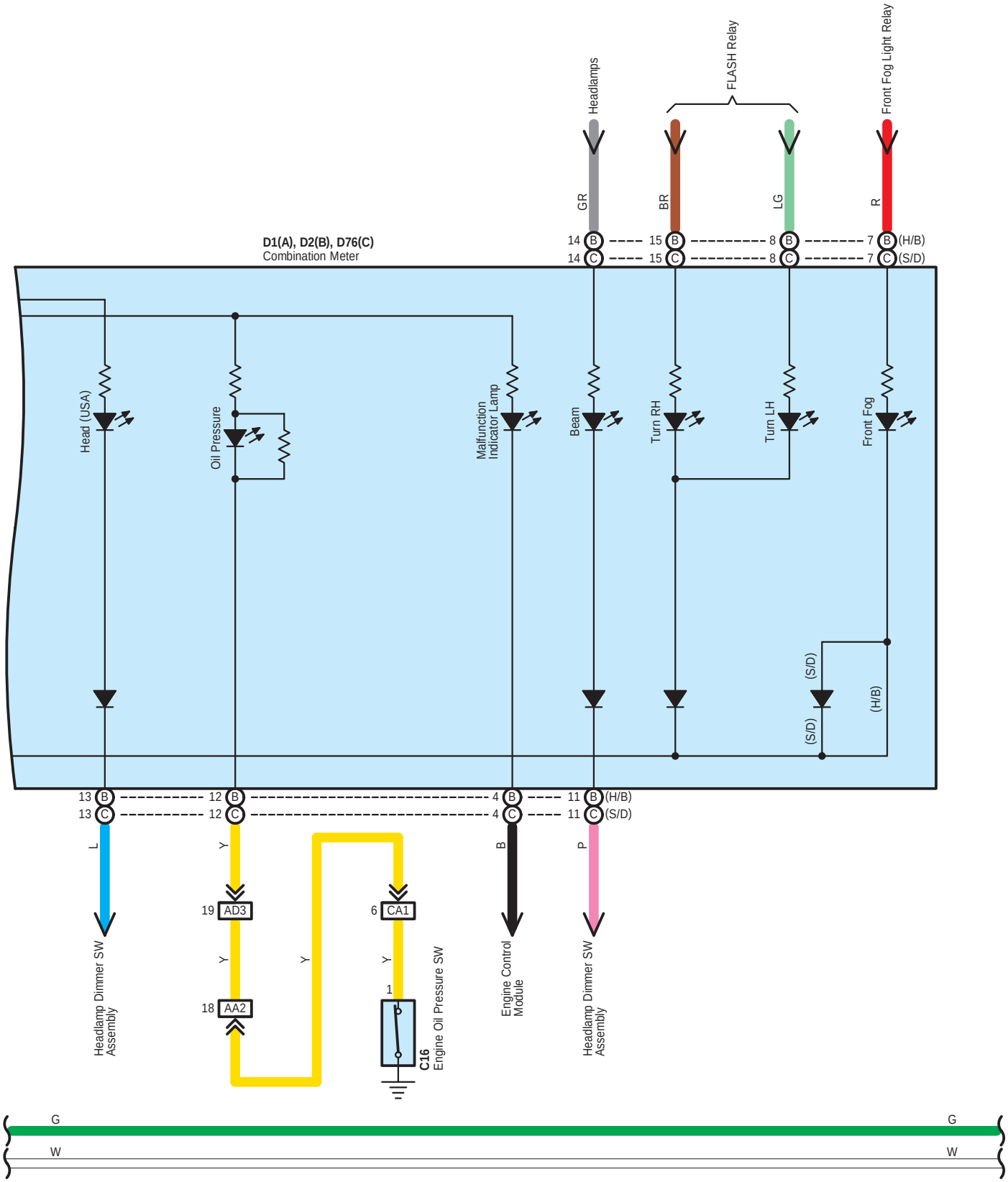

(BAT)
7. 5A
ECU–B
2
1
(IG)
7. 5A
MET
30 4B
2 4S
1 4M
PANEL1
Fuse
R
G
L
B
G
L
25
AA2
L
L
16 B (H/B)
16 C (S/D)
2 A
1 A
14 A
D1(A), D2(B), D76(C)
Combination Meter
(H/B)
Pointer
(H/B)
(H/B)
Dial
(H/B)
Tail (Canada)
Illumination I/F
Display
CPU
Tachometer
Speedometer
I/F
I/F
I/F
17 A
16 A
19 C
18 C
17 C
24 A
P
SB
GR
(S/D)
5
R
(S/D)
11
L
(S/D)
12
BR
E
TX+1
+S
ODO/TRIP SW
Clock SW
PBEW
8 4C
8
4D
26 4B
8
D77
Hazard Warning
Signal SW
G
20
D36
Junction
Connector
22
W
(S/D)
19
R
V
O
(S/D)
Radio
Receiver
Assembly
Power
Steering
ECU
Engine
Control
Module
D3

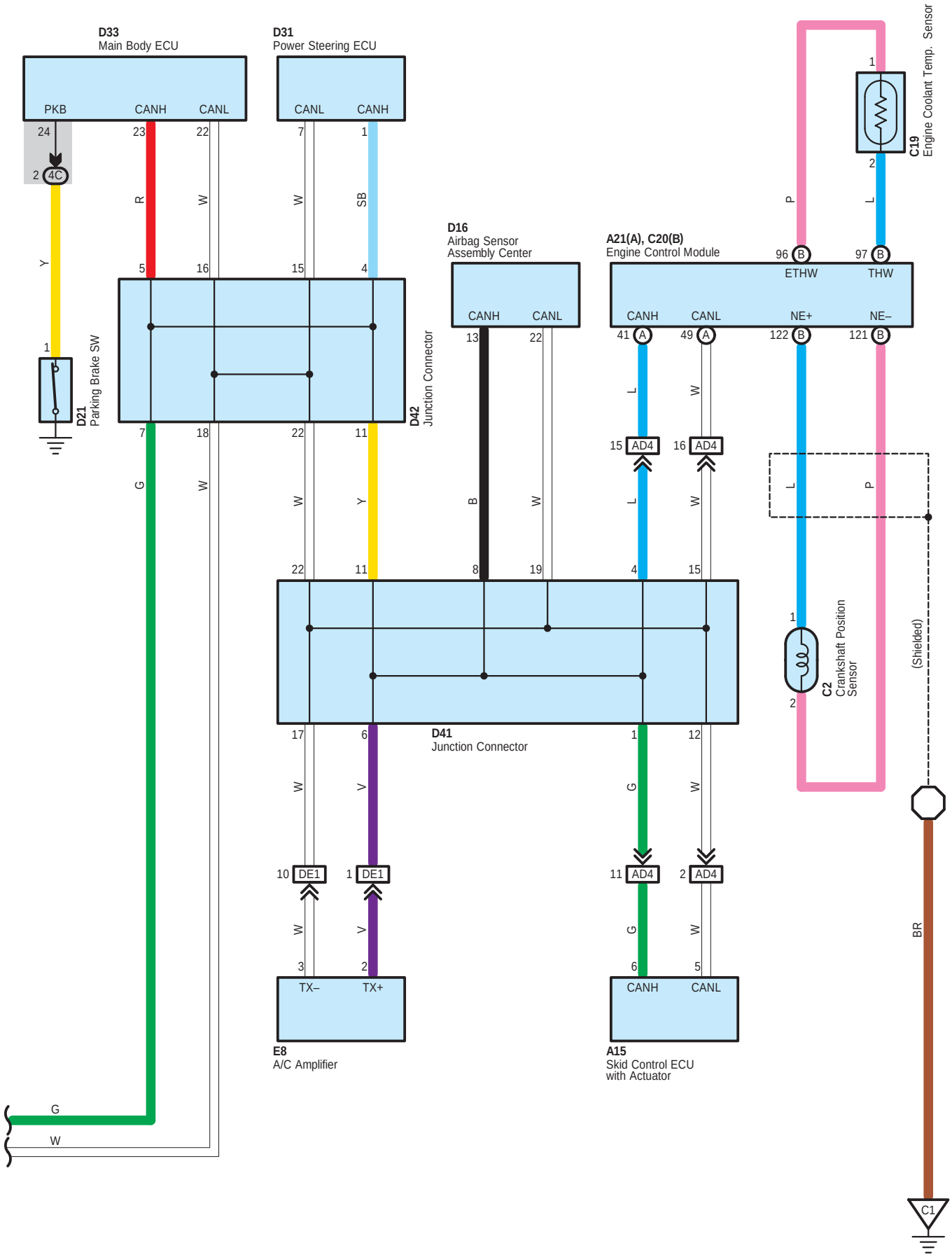

D1(A), D2(B), D76(C)
Combination Meter
Door
(*4)
P/S
Airbag
ABS
MAINT REQD
Driver's Seat Belt
Temp. Hot
Temp. Cool
Door Graphic
(*3)
Door (Front LH)
Door (Front RH)
Door (Luggage)
CRUISE
P
(*5)
LED Driver
CPU
CAN Controller
I/F
I/F
(H/B)
(S/D)
CAN I/F
7 A
15 A
21 A
20 A
9 B (H/B)
9 C (S/D)
GR
Y
W
G
O
(S/D)
O
(H/B)
3
PBEW
D27
Passenger Seat Belt Warning Lamp
16 A
16 B
D38(A), D39(B)
Junction Connector
LG
2
8
RV
TC
D29
Light Control Rheostat
G
W
O
(S/D)

∗ 1 : w/ Daytime Running Light
∗ 2 : w/o Daytime Running Light
∗ 3 : S/D w/ Tachometer
∗ 4 : S/D w/o Tachometer, H/B
∗ 5 : S/D A/T

D1(A), D2(B), D76(C)
Combination Meter




Headlamps
FLASH Relay
Front Fog Light Relay
GR
BR
LG
R
D1(A), D2(B), D76(C)
Combination Meter
14 B
14 C
15 B
15 C
8 B
8 C
7 B (H/B)
7 C (S/D)
Head (USA)
Oil Pressure
Malfunction Indicator Lamp
Beam
Turn RH
Turn LH
Front Fog
(S/D)
(H/B)
(S/D)
13 B
13 C
12 B
12 C
4 B
4 C
11 B (H/B)
11 C (S/D)
L
Y
B
P
19 AD3
18 AA2
6 CA1
1
C16
Engine Oil Pressure SW
Headlamp Dimmer SW Assembly
Engine Control Module
Headlamp Dimmer SW Assembly
G
W
G
W


D33
Main Body ECU
PKB
CANH
CANL
24
23
22
2
4C
R
W
Y
5
16
1
D21
Parking Brake SW
7
18
G
W
D31
Power Steering ECU
CANL
CANH
7
1
W
SB
15
4
D42
Junction Connector
22
11
W
Y
22
11
D16
Airbag Sensor
Assembly Center
CANH
CANL
13
22
B
W
8
19
D41
Junction Connector
17
6
W
V
10
DE1
1
DE1
W
V
3
2
TX–
TX+
E8
A/C Amplifier
A21(A), C20(B)
Engine Control Module
CANH
CANL
NE+
NE–
41
A
49
A
122
B
121
B
L
W
15
AD4
16
AD4
L
W
4
15
1
12
G
W
11
AD4
2
AD4
G
W
6
5
CANH
CANL
A15
Skid Control ECU
with Actuator
96
B
97
B
ETHW
THW
P
L
1
2
C19
Engine Coolant Temp. Sensor
L
P
1
2
C2
Crankshaft Position
Sensor
(Shielded)
BR
C1
G
W

Combination Meter

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A10	46 (H/B)	C20	49 (S/D)	D36	51 (H/B)
	48 (S/D)	C21	47 (H/B)		53 (S/D)
A15	46 (H/B)		49 (S/D)	D38 A	51 (H/B)
	48 (S/D)	D1 A	51 (H/B)		53 (S/D)
A21	46 (H/B)		53 (S/D)	D39 B	51 (H/B)
	48 (S/D)	D2 B	51 (H/B)		53 (S/D)
A22	46 (H/B)	D16	51 (H/B)	D41	51 (H/B)
	48 (S/D)		53 (S/D)		53 (S/D)
A25	46 (H/B)	D21	51 (H/B)	D42	51 (H/B)
	48 (S/D)		53 (S/D)		53 (S/D)
C2	47 (H/B)	D27	51 (H/B)	D76 C	53 (S/D)
	49 (S/D)	D29	51 (H/B)	D77	53 (S/D)
C16	47 (H/B)		53 (S/D)	E8	50 (H/B)
	49 (S/D)	D31	51 (H/B)		52 (S/D)
C19	47 (H/B)		53 (S/D)	J5	55 (5–Door)
	49 (S/D)	D33	51 (H/B)		57 (3–Door)
C20	47 (H/B)		53 (S/D)		59 (4–Door)

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

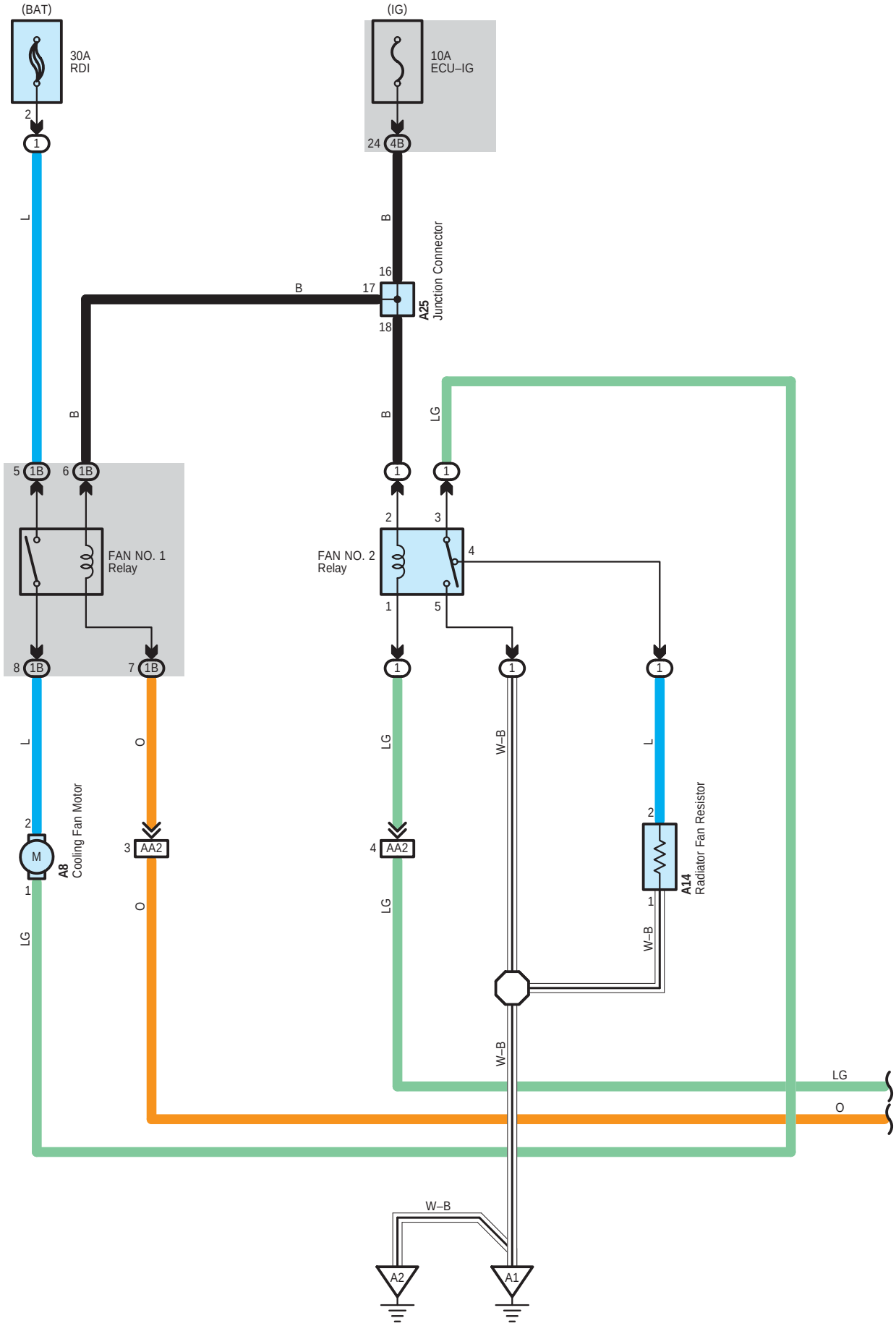
Code	See Page	Junction Block and Wire Harness (Connector Location)
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4C	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4D		
4M	31	
4S		

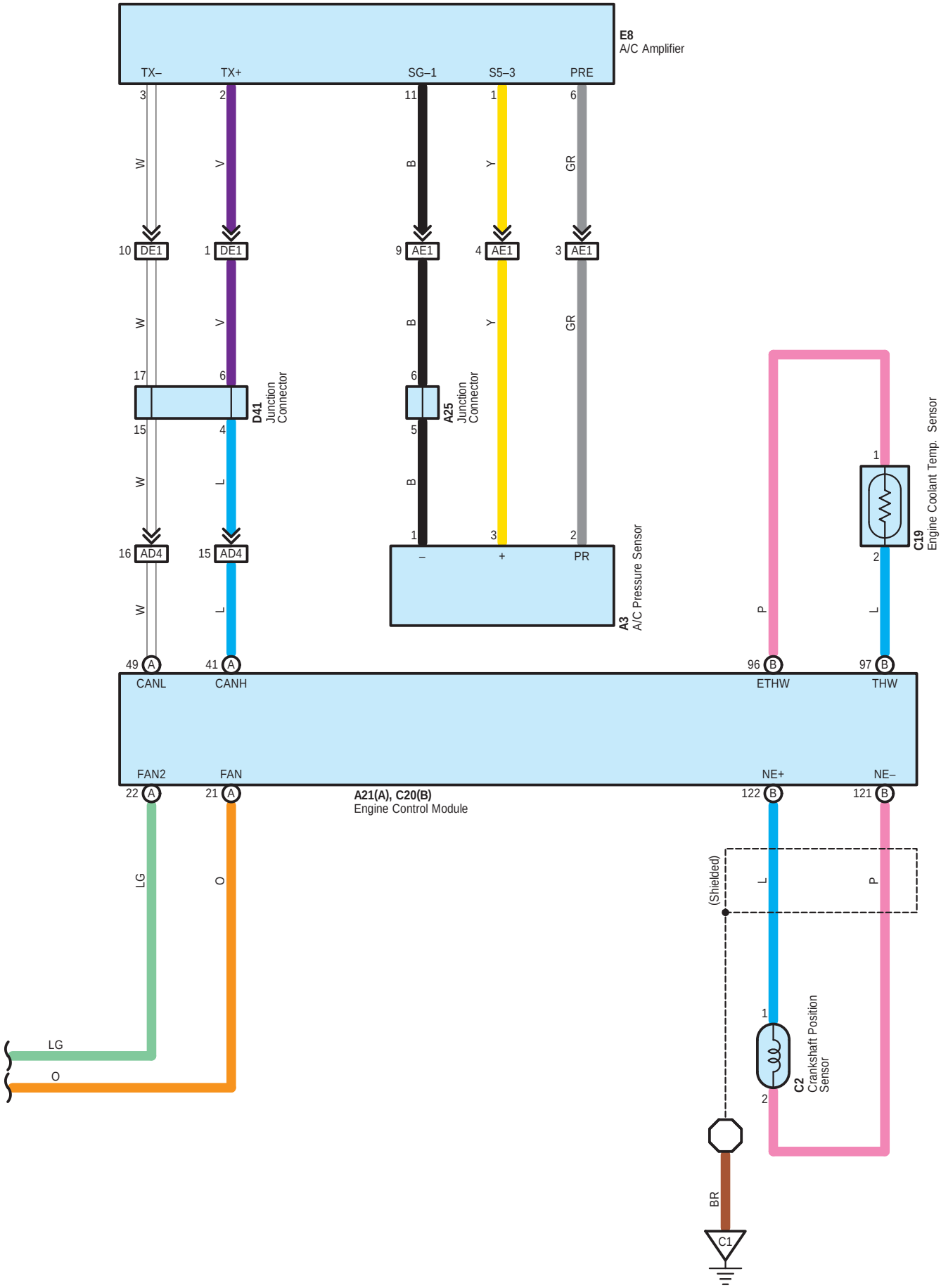
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD3	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	
	63 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA2	60 (H/B)	
	61 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	

▽ : **Ground Points**

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right


(BAT)
30A
RDI
2
1
L
(IG)
10A
ECU–IG
24 4B
B
16
17
18
A25
Junction Connector
B
B
LG
5 1B
6 1B
1
1
2
3
FAN NO. 1
Relay
FAN NO. 2
Relay
4
1
5
8 1B
7 1B
1
1
1
L
O
LG
W–B
L
2
M
A8
Cooling Fan Motor
3 AA2
4 AA2
2
A14
Radiator Fan Resistor
1
O
LG
1
W–B
W–B
LG
O
W–B
A2
A1


E8
A/C Amplifier
TX–
TX+
SG–1
S5–3
PRE
3
2
11
1
6
W
V
B
Y
GR
10 DE1
1 DE1
9 AE1
4 AE1
3 AE1
17
6
15
4
D41
Junction
Connector
6
5
A25
Junction
Connector
1
3
2
–
+
PR
A3
A/C Pressure Sensor
16 AD4
15 AD4
L
49 A
41 A
CANL
CANH
1
C19
Engine Coolant Temp. Sensor
2
P
96 B
97 B
ETHW
THW
FAN2
FAN
NE+
NE–
22 A
21 A
A21(A), C20(B)
Engine Control Module
122 B
121 B
LG
O
(Shielded)
1
C2
Crankshaft Position
Sensor
2
BR
C1

Cooling Fan

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A3	46 (H/B)	A21 A	48 (S/D)	C20 B	47 (H/B)
	48 (S/D)	A25	46 (H/B)		49 (S/D)
A8	46 (H/B)		48 (S/D)	D41	51 (H/B)
	48 (S/D)	C2	47 (H/B)		53 (S/D)
A14	46 (H/B)		49 (S/D)	E8	50 (H/B)
	48 (S/D)	C19	47 (H/B)		52 (S/D)
A21 A	46 (H/B)		49 (S/D)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

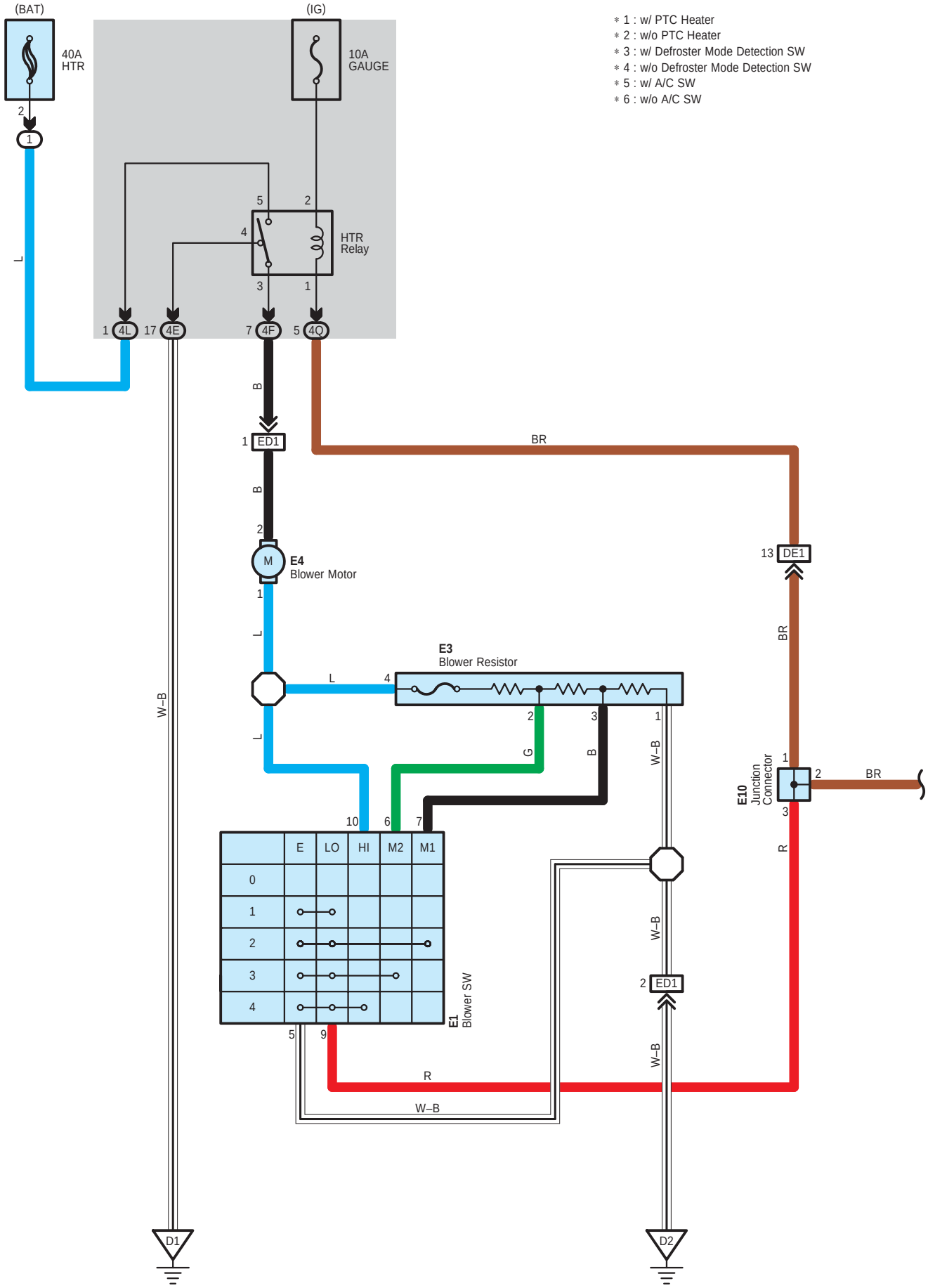
Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4B	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)

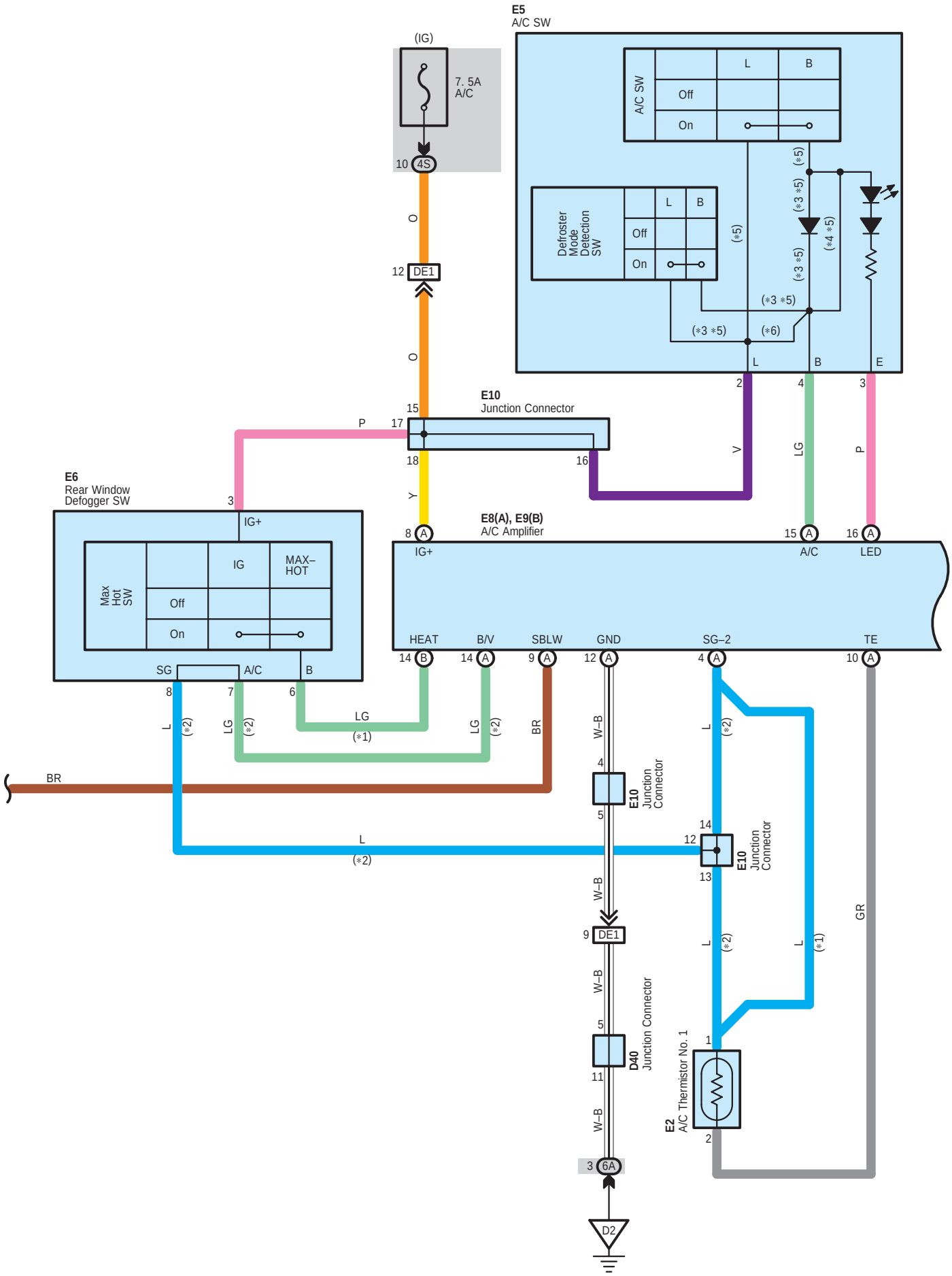
: Connector Joining Wire Harness and Wire Harness

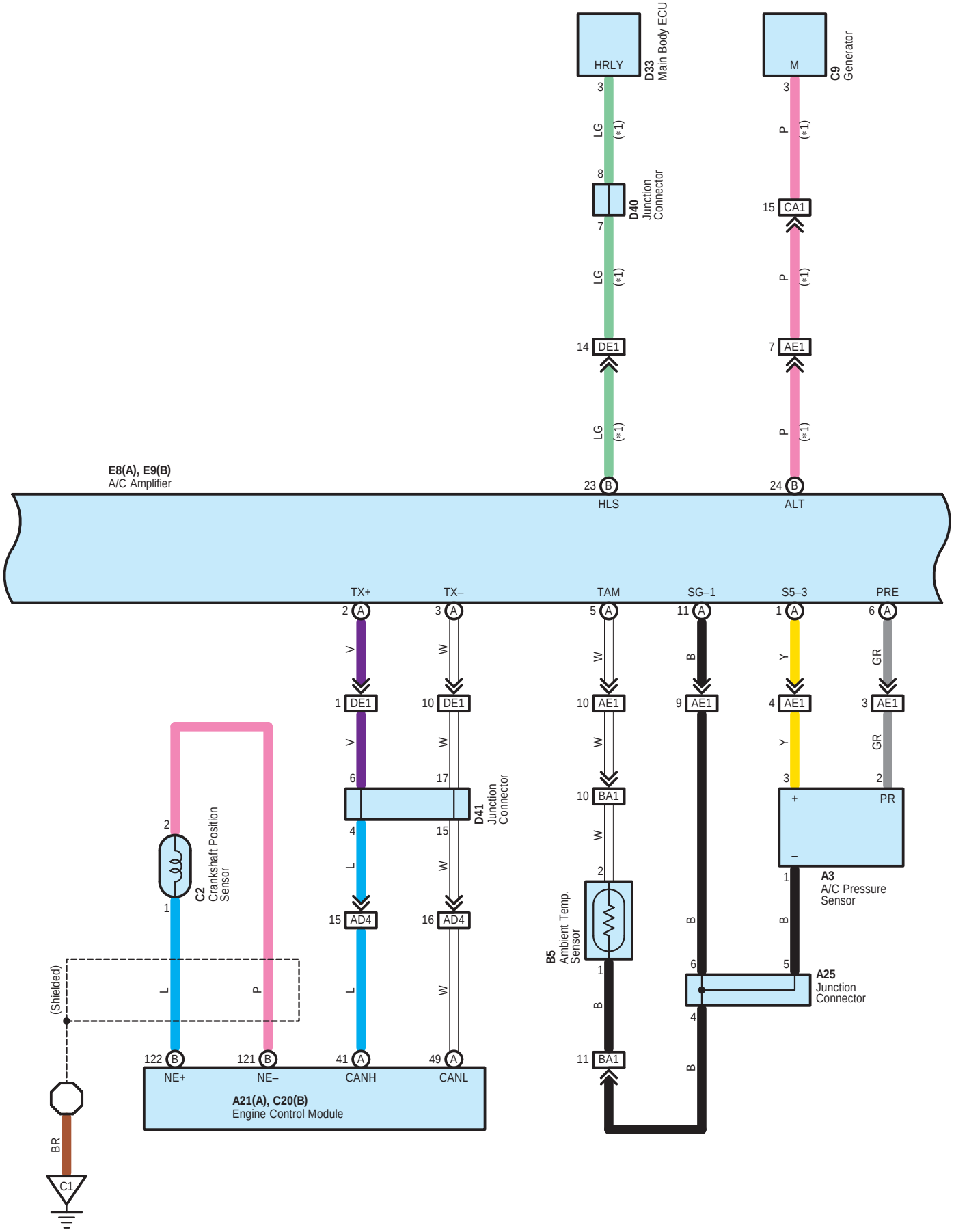
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA2	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AD4	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AE1	62 (H/B)	Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left)
	63 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	

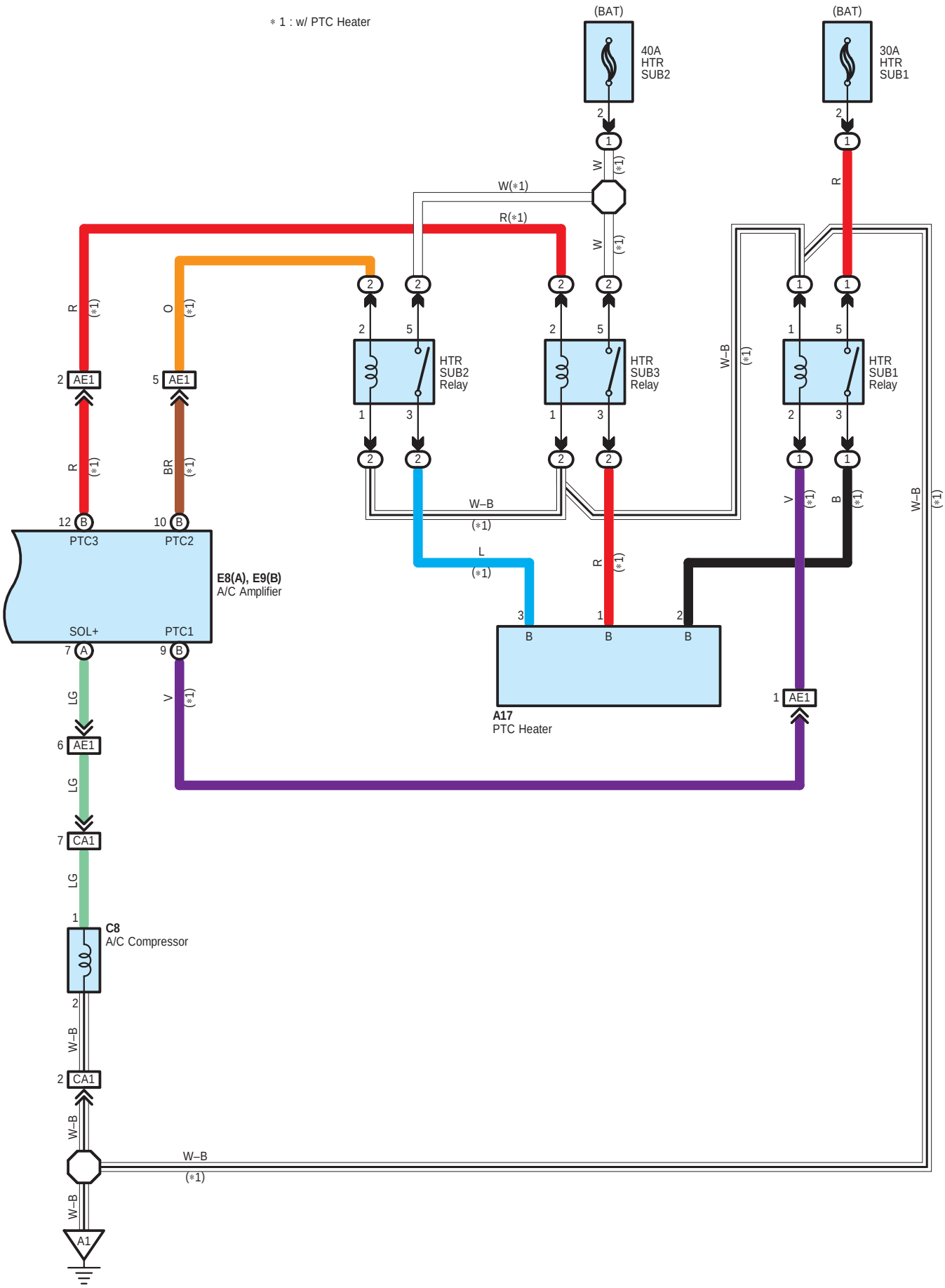
: Ground Points

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
A2	60 (H/B)	
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	


(BAT)
(IG)
40A
HTR
10A
GAUGE
HTR
Relay
* 1 : w/ PTC Heater
* 2 : w/o PTC Heater
* 3 : w/ Defroster Mode Detection SW
* 4 : w/o Defroster Mode Detection SW
* 5 : w/ A/C SW
* 6 : w/o A/C SW
E4
Blower Motor
E3
Blower Resistor
E1
Blower SW
E10
Junction
Connector
ED1
DE1
4L
4E
4F
4Q
D1
D2
W–B
BR
L
B
G
R


E5
A/C SW
(IG)
7. 5A
A/C
10 4S
O
12 DE1
O
A/C SW
L
B
Off
On
Defroster
Mode
Detection
SW
(*5)
(*3 *5)
(*4 *5)
(*6)
L
B
E
2
4
3
E10
Junction Connector
15
P
17
18
16
V
LG
P
E6
Rear Window
Defogger SW
3
IG+
Max
Hot
SW
IG
MAX–
HOT
Off
On
SG
A/C
B
8
7
6
Y
8 A
IG+
E8(A), E9(B)
A/C Amplifier
15 A
A/C
16 A
LED
HEAT
B/V
SBLW
GND
SG–2
TE
14 B
14 A
9 A
12 A
4 A
10 A
L
(*2)
LG
(*2)
LG
(*1)
LG
(*2)
BR
BR
W–B
4
E10
Junction
Connector
5
L
(*2)
14
12
E10
Junction
Connector
13
L
(*2)
9 DE1
W–B
5
D40
Junction Connector
11
W–B
3 6A
D2
L
(*1)
GR
1
E2
A/C Thermistor No. 1
2


HRLY
D33
Main Body ECU
M
C9
Generator
3
LG
(*1)
8
D40
Junction Connector
7
15 CA1
P
14 DE1
7 AE1
E8(A), E9(B)
A/C Amplifier
23 B
HLS
24 B
ALT
TX+
TX–
TAM
SG–1
S5–3
PRE
2 A
3 A
5 A
11 A
1 A
6 A
V
W
B
Y
GR
1 DE1
10 DE1
10 AE1
9 AE1
4 AE1
3 AE1
6
17
D41
Junction Connector
4
15
L
10 BA1
2
B5
Ambient Temp. Sensor
1
11 BA1
+
PR
–
A3
A/C Pressure Sensor
5
A25
Junction Connector
C2
Crankshaft Position Sensor
(Shielded)
122 B
121 B
41 A
49 A
NE+
NE–
CANH
CANL
15 AD4
16 AD4
A21(A), C20(B)
Engine Control Module
BR
C1


∗1 : w/ PTC Heater
(BAT)
40A
HTR
SUB2
(BAT)
30A
HTR
SUB1
W(∗1)
R(∗1)
HTR
SUB2
Relay
HTR
SUB3
Relay
HTR
SUB1
Relay
W–B
(∗1)
R
O
BR
L
V
B
W
AE1
CA1
PTC3
PTC2
SOL+
PTC1
E8(A), E9(B)
A/C Amplifier
A17
PTC Heater
C8
A/C Compressor
A1

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A3	46 (H/B)	C9	47 (H/B)	E3	50 (H/B)
	48 (S/D)		49 (S/D)		52 (S/D)
A17	50 (H/B)	C20 B	47 (H/B)	E4	50 (H/B)
	52 (S/D)		49 (S/D)		52 (S/D)
A21 A	46 (H/B)	D33	51 (H/B)	E5	50 (H/B)
	48 (S/D)		53 (S/D)		52 (S/D)
A25	46 (H/B)	D40	51 (H/B)	E6	50 (H/B)
	48 (S/D)		53 (S/D)		52 (S/D)
B5	46 (H/B)	D41	51 (H/B)	E8 A	50 (H/B)
	48 (S/D)		53 (S/D)		52 (S/D)
C2	47 (H/B)	E1	50 (H/B)	E9 B	50 (H/B)
	49 (S/D)		52 (S/D)		52 (S/D)
C8	47 (H/B)	E2	50 (H/B)	E10	50 (H/B)
	49 (S/D)		52 (S/D)		52 (S/D)

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)
2	28	Engine Room R/B No.2 (Engine Compartment Right)

▭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4F		
4L	30	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
4Q	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)

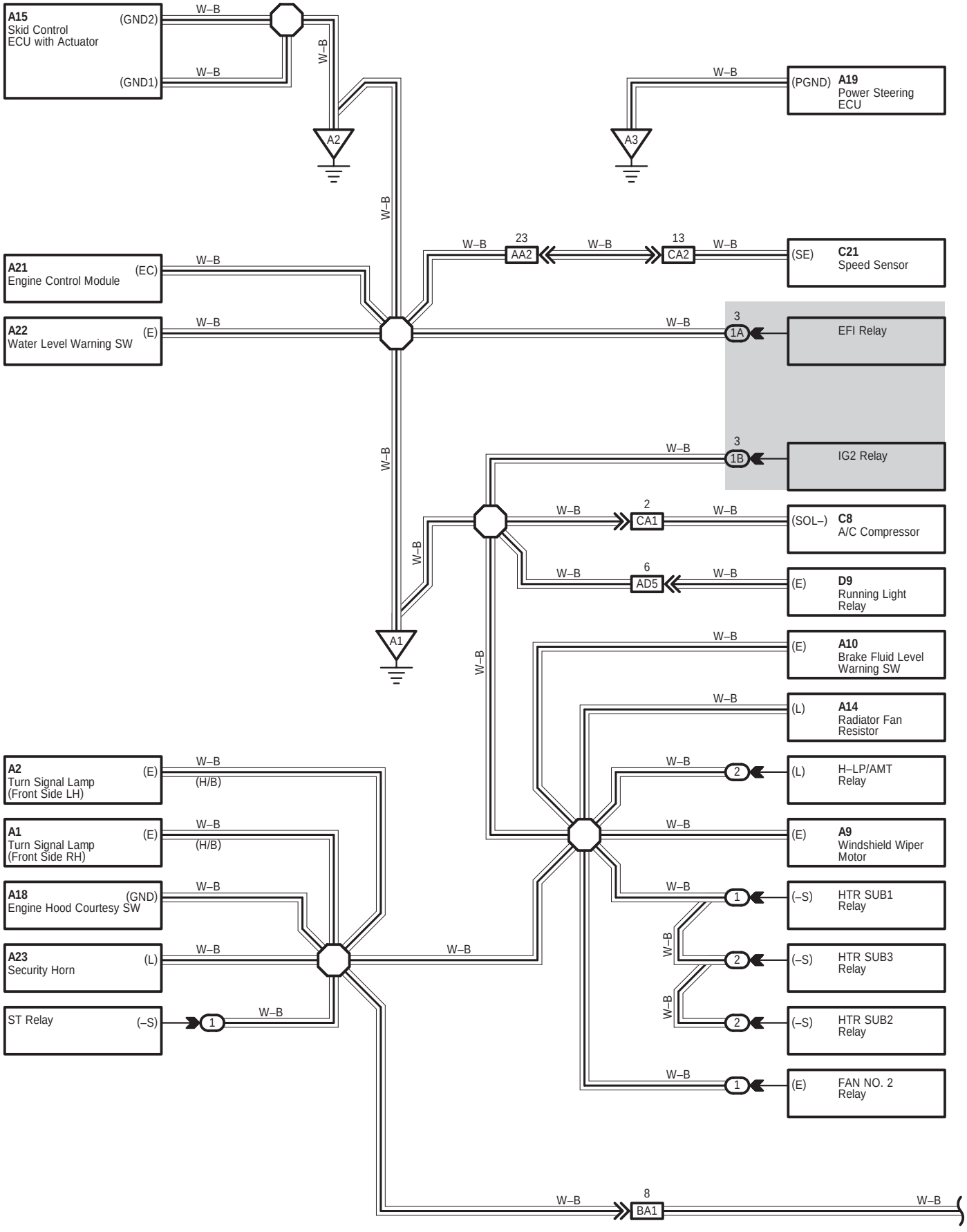
▭ : Connector Joining Wire Harness and Wire Harness

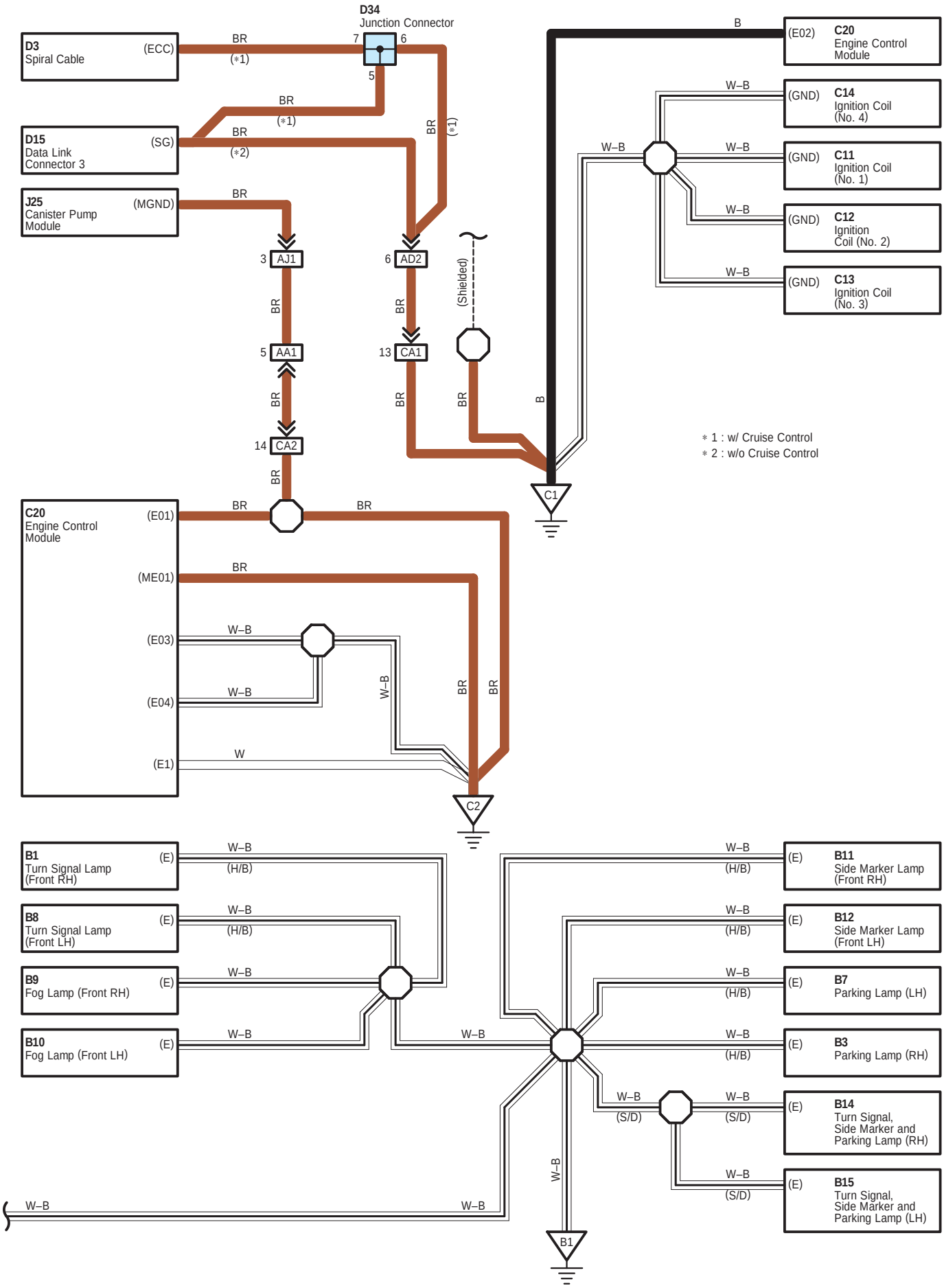
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD4	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AE1	62 (H/B)	Engine Room Main Wire and Instrument Panel No.2 Wire (Instrument Panel Left)
	63 (S/D)	
BA1	60 (H/B)	Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	
ED1	62 (H/B)	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	

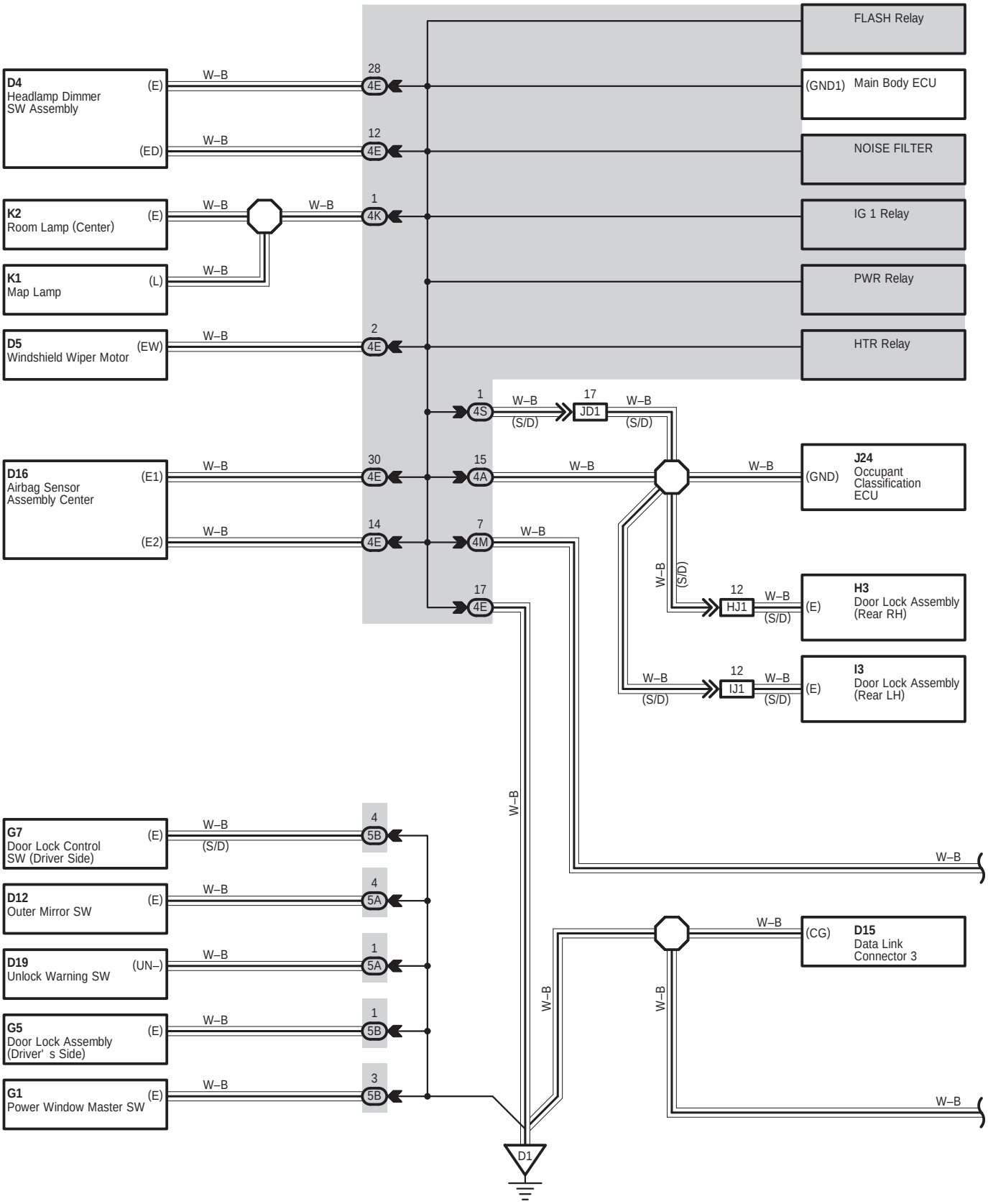
▽ : **Ground Points**

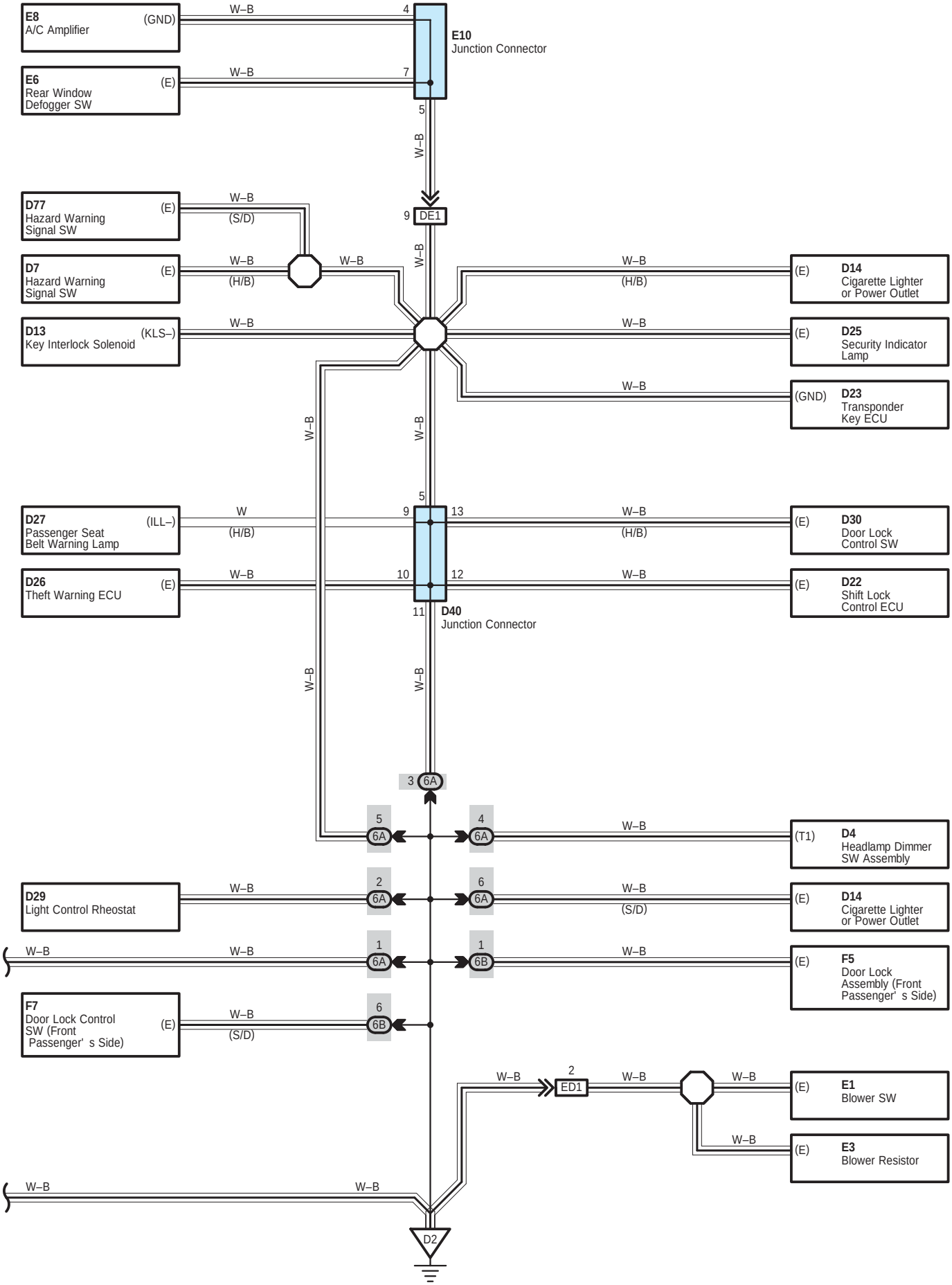
Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	

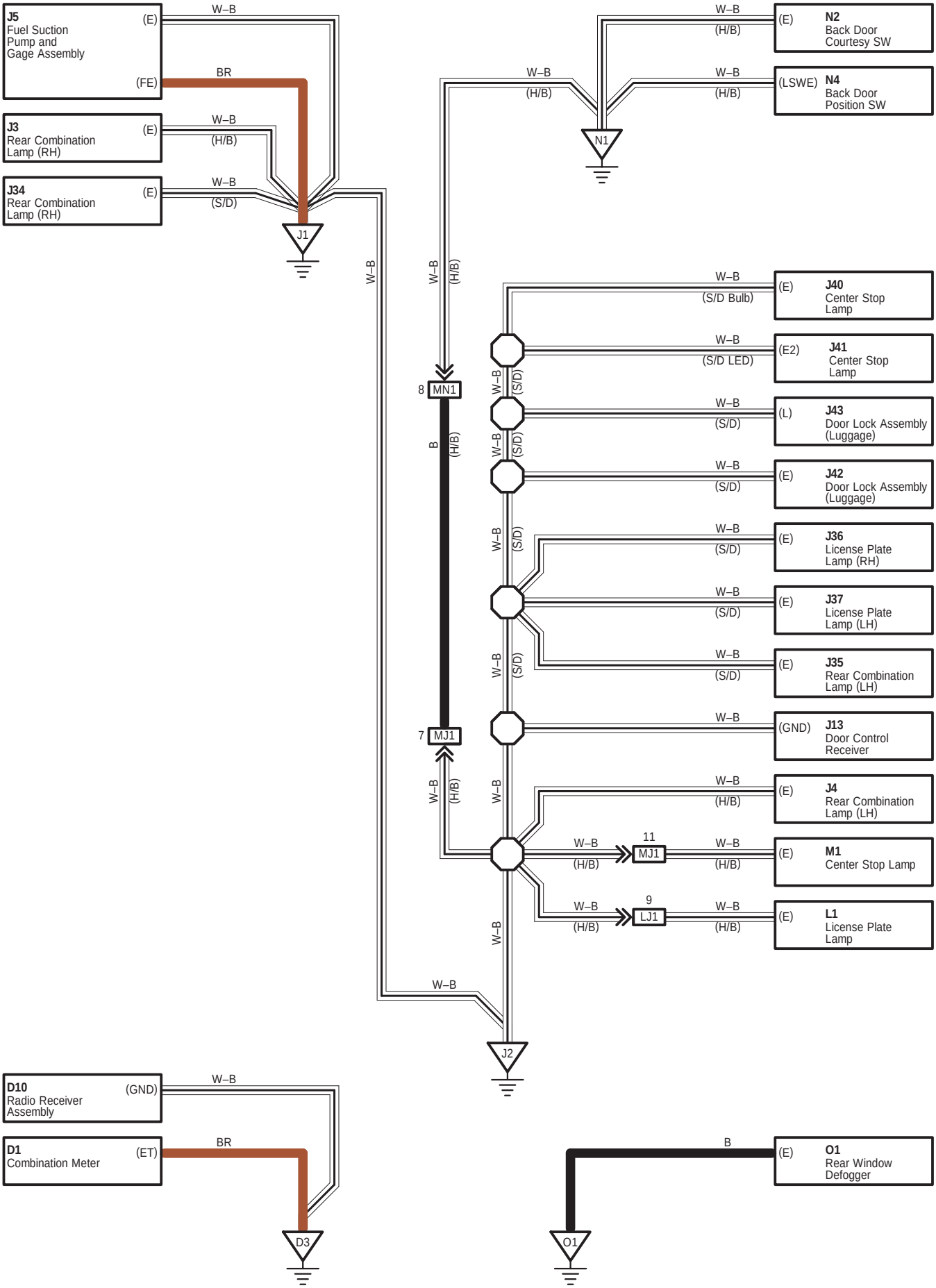
I GROUND POINT




D34
Junction Connector
D3
Spiral Cable
(ECC)
D15
Data Link
Connector 3
(SG)
J25
Canister Pump
Module
(MGND)
BR
(*1)
(*2)
7
6
5
3 AJ1
6 AD2
5 AA1
13 CA1
14 CA2
(Shielded)
B
(E02)
C20
Engine Control
Module
W–B
(GND)
C14
Ignition Coil
(No. 4)
C11
Ignition Coil
(No. 1)
C12
Ignition
Coil (No. 2)
C13
Ignition Coil
(No. 3)
C1
* 1 : w/ Cruise Control
* 2 : w/o Cruise Control
C20
Engine Control
Module
(E01)
(ME01)
(E03)
(E04)
(E1)
W
C2
B1
Turn Signal Lamp
(Front RH)
B8
Turn Signal Lamp
(Front LH)
B9
Fog Lamp (Front RH)
B10
Fog Lamp (Front LH)
(E)
(H/B)
(S/D)
B11
Side Marker Lamp
(Front RH)
B12
Side Marker Lamp
(Front LH)
B7
Parking Lamp (LH)
B3
Parking Lamp (RH)
B14
Turn Signal,
Side Marker and
Parking Lamp (RH)
B15
Turn Signal,
Side Marker and
Parking Lamp (LH)
B1


FLASH Relay
(GND1) Main Body ECU
NOISE FILTER
IG 1 Relay
PWR Relay
HTR Relay
D4 Headlamp Dimmer SW Assembly (E) (ED)
K2 Room Lamp (Center) (E)
K1 Map Lamp (L)
D5 Windshield Wiper Motor (EW)
D16 Airbag Sensor Assembly Center (E1) (E2)
W–B
28 4E
12 4E
1 4K
2 4E
30 4E
14 4E
1 4S
15 4A
7 4M
17 4E
17 JD1
(S/D)
J24 Occupant Classification ECU (GND)
H3 Door Lock Assembly (Rear RH) (E)
I3 Door Lock Assembly (Rear LH) (E)
12 HJ1
12 IJ1
D15 Data Link Connector 3 (CG)
G7 Door Lock Control SW (Driver Side) (E)
D12 Outer Mirror SW (E)
D19 Unlock Warning SW (UN–)
G5 Door Lock Assembly (Driver' s Side) (E)
G1 Power Window Master SW (E)
4 5B
4 5A
1 5A
1 5B
3 5B
D1


E8
A/C Amplifier
(GND)
W–B
4
E10
Junction Connector
E6
Rear Window
Defogger SW
(E)
W–B
7
5
W–B
D77
Hazard Warning
Signal SW
(E)
W–B
(S/D)
9
DE1
D7
Hazard Warning
Signal SW
(E)
W–B
(H/B)
W–B
W–B
W–B
(H/B)
(E)
D14
Cigarette Lighter
or Power Outlet
D13
Key Interlock Solenoid
(KLS–)
W–B
W–B
(E)
D25
Security Indicator
Lamp
W–B
(GND)
D23
Transponder
Key ECU
W–B
W–B
5
D27
Passenger Seat
Belt Warning Lamp
(ILL–)
W
(H/B)
9
13
W–B
(H/B)
(E)
D30
Door Lock
Control SW
D26
Theft Warning ECU
(E)
W–B
10
12
W–B
(E)
D22
Shift Lock
Control ECU
11
D40
Junction Connector
W–B
W–B
3
6A
5
6A
4
6A
W–B
(T1)
D4
Headlamp Dimmer
SW Assembly
D29
Light Control Rheostat
W–B
2
6A
6
6A
W–B
(S/D)
(E)
D14
Cigarette Lighter
or Power Outlet
W–B
W–B
1
6A
1
6B
W–B
(E)
F5
Door Lock
Assembly (Front
Passenger' s Side)
F7
Door Lock Control
SW (Front
Passenger' s Side)
(E)
W–B
(S/D)
6
6B
W–B
2
ED1
W–B
W–B
(E)
E1
Blower SW
W–B
(E)
E3
Blower Resistor
W–B
W–B
D2


J5
Fuel Suction Pump and Gage Assembly
(E)
(FE)
J3
Rear Combination Lamp (RH)
(E)
J34
Rear Combination Lamp (RH)
(E)
W–B
BR
W–B (H/B)
W–B (S/D)
J1
W–B
W–B (H/B)
N1
W–B (H/B)
W–B (H/B)
(E) N2 Back Door Courtesy SW
(LSWE) N4 Back Door Position SW
8 MN1
B (H/B)
7 MJ1
W–B (H/B)
W–B (S/D Bulb)
(E) J40 Center Stop Lamp
W–B (S/D LED)
(E2) J41 Center Stop Lamp
W–B (S/D)
(L) J43 Door Lock Assembly (Luggage)
(E) J42 Door Lock Assembly (Luggage)
(E) J36 License Plate Lamp (RH)
(E) J37 License Plate Lamp (LH)
(E) J35 Rear Combination Lamp (LH)
(GND) J13 Door Control Receiver
(E) J4 Rear Combination Lamp (H/B)
11 MJ1
(E) M1 Center Stop Lamp
9 LJ1
(E) L1 License Plate Lamp
W–B
J2
D10
Radio Receiver Assembly
(GND)
D1
Combination Meter
(ET)
BR
D3
B
(E) O1 Rear Window Defogger
O1

: Parts Location

Code	See Page	Code	See Page	Code	See Page
D34	53 (S/D)	D40	53 (S/D)	E10	52 (S/D)
D40	51 (H/B)	E10	50 (H/B)		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B (Engine Compartment Left)
2	28	Engine Room R/B No.2 (Engine Compartment Right)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1B		
4A	30	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
4E	30	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4K	30	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
4M	31	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
4S		
5A	38	Instrument Panel Wire and J/B No.5 (Left Kick Panel)
5B	38	Front Door LH Wire and J/B No.5 (Left Kick Panel)
6A	40	Instrument Panel Wire and J/B No.6 (Right Kick Panel)
6B	40	Front Door RH Wire and J/B No.6 (Right Kick Panel)

I GROUND POINT

: **Connector Joining Wire Harness and Wire Harness**

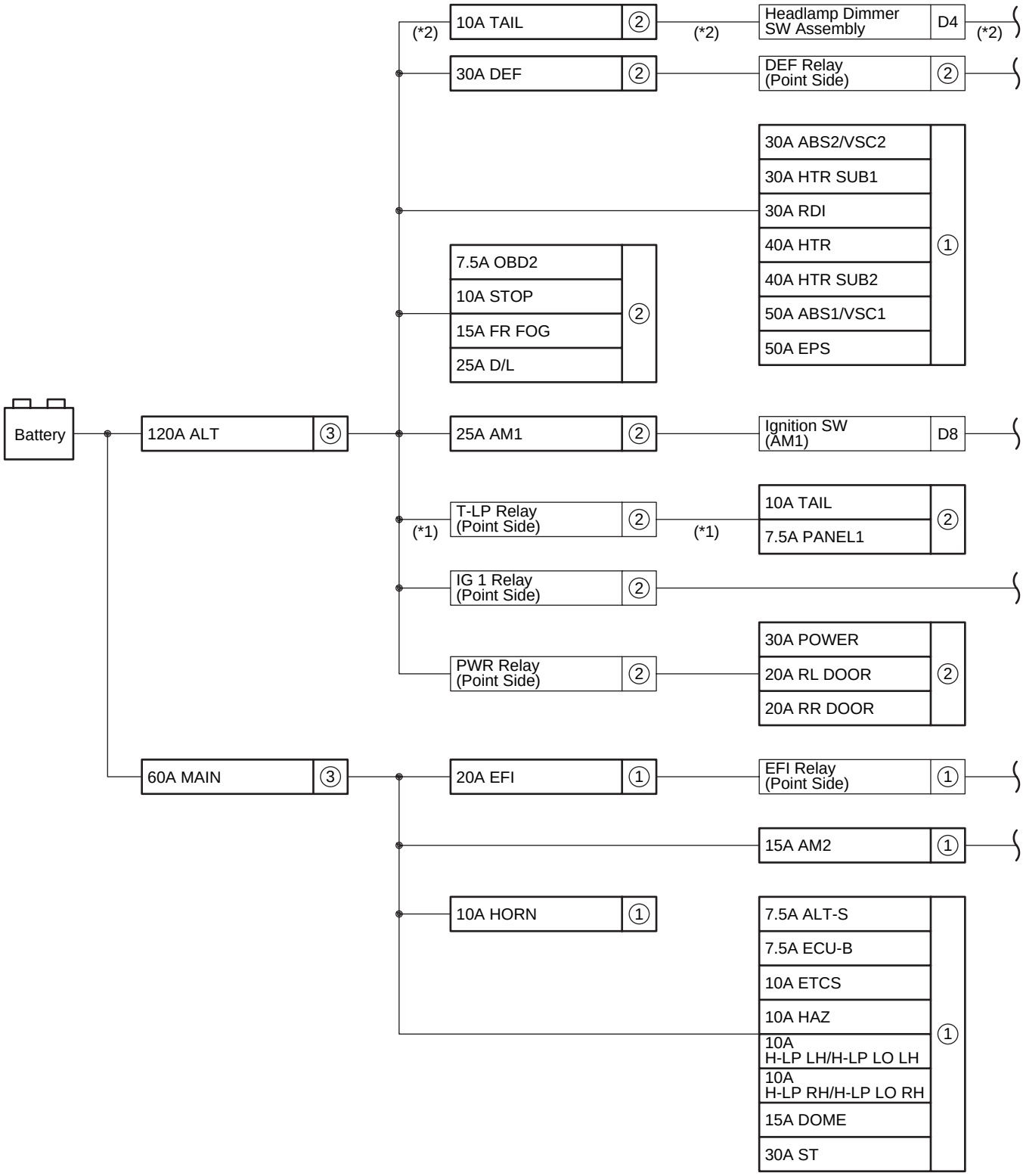
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AA1	62 (H/B)	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Left)
	63 (S/D)	
AA2	62 (H/B)	
	63 (S/D)	
AD2	62 (H/B)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
AD5	62 (H/B)	
	63 (S/D)	
AJ1	62 (H/B)	Engine Room Main Wire and Floor Wire (Instrument Panel Left)
	63 (S/D)	
BA1	60 (H/B)	Engine Room No.2 Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA1	60 (H/B)	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
	61 (S/D)	
CA2	60 (H/B)	
	61 (S/D)	
DE1	62 (H/B)	Instrument Panel Wire and Instrument Panel No.2 Wire (Instrument Panel Center)
	63 (S/D)	
ED1	62 (H/B)	Instrument Panel No.2 Wire and Instrument Panel Wire (Instrument Panel Left)
	63 (S/D)	
HJ1	66 (4–Door)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
IJ1	66 (4–Door)	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
JD1	63 (S/D)	Floor Wire and Instrument Panel Wire (Instrument Panel Left)
LJ1	64 (5–Door)	Luggage Room No.2 Wire and Floor Wire (Luggage Room Left)
	65 (3–Door)	
MJ1	64 (5–Door)	Back Door No.1 Wire and Floor Wire (Left Rear Quarter Panel)
	65 (3–Door)	
MN1	64 (5–Door)	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Panel Center)
	65 (3–Door)	

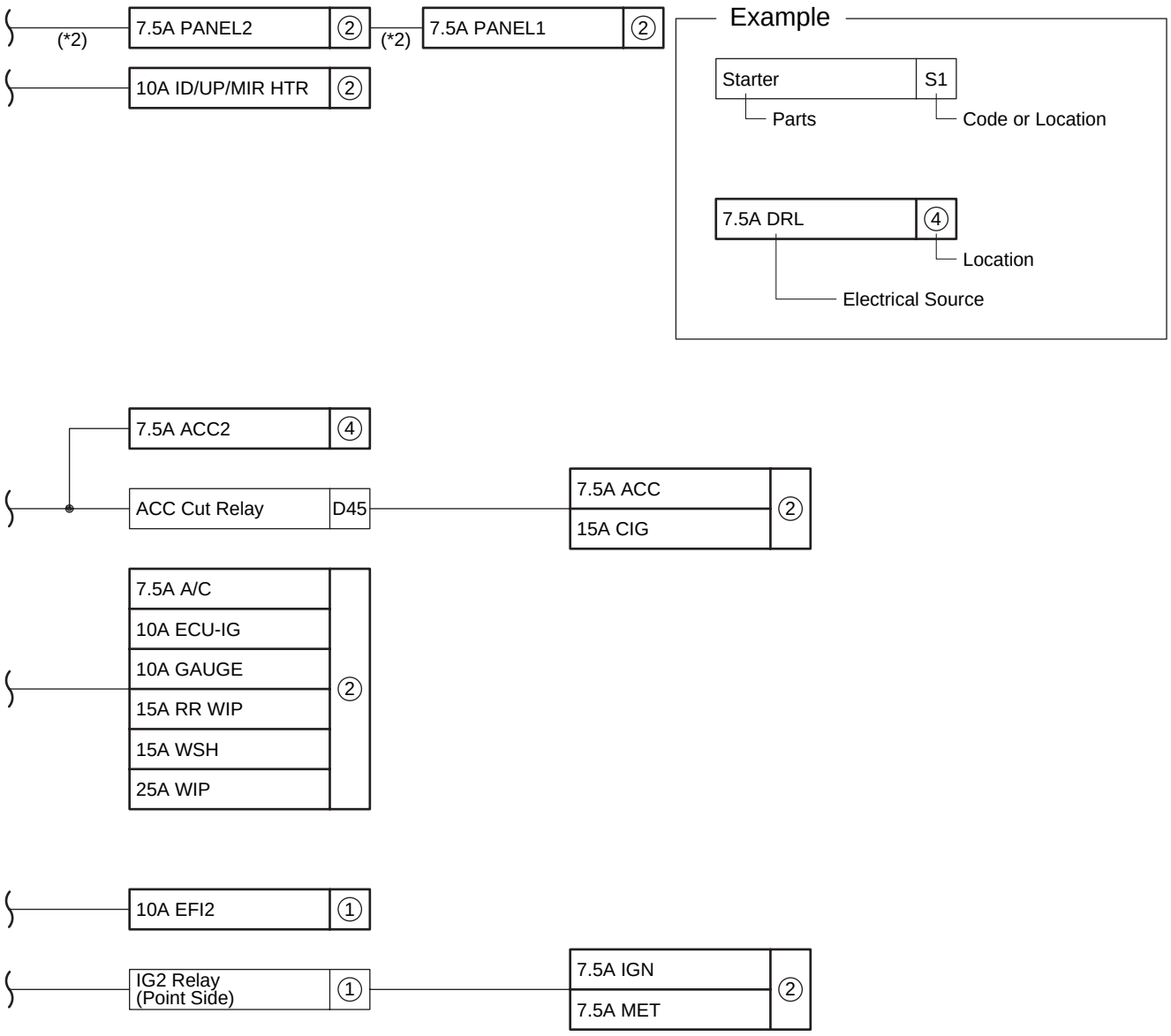
▽ : **Ground Points**

Code	See Page	Ground Points Location
A1	60 (H/B)	Left Suspension Tower
	61 (S/D)	
A2	60 (H/B)	
	61 (S/D)	
A3	62 (H/B)	Left Cowl Top Side Panel
	63 (S/D)	
B1	60 (H/B)	Radiator Support Left
	61 (S/D)	
C1	60 (H/B)	Engine Block Left
	61 (S/D)	
C2	60 (H/B)	
	61 (S/D)	
D1	62 (H/B)	Left Kick Panel
	63 (S/D)	
D2	62 (H/B)	Right Kick Panel
	63 (S/D)	
D3	62 (H/B)	Instrument Panel Reinforcement Left
	63 (S/D)	
J1	64 (5–Door)	Right Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Right
J2	64 (5–Door)	Left Rear Quarter Panel
	65 (3–Door)	
	66 (4–Door)	Lower Back Panel Left
N1	64 (5–Door)	Back Door Panel Center
	65 (3–Door)	
O1	64 (5–Door)	Back Door Panel Left
	65 (3–Door)	
	66 (4–Door)	Right Rear Quarter Panel

J POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.





* 1:H/B, S/D *3
* 2:Except *1
* 3:Cold Area Spec ., w/ Engine Immobiliser System, w/ ABS, w/ Rear Window Defogger, w/ Door Lock Control, w/ Daytime Running Light, w/ Remote Control Mirror, w/ Air Conditioning

[LOCATION]

① : Engine Room R/B and Engine Room J/B (See Page 24)

② : Instrument Panel J/B (See Page 30)

③ : Fusible Link Block (See Page 42)

④ : Fuse Block (See Page 45)

Engine Room R/B and Engine Room J/B (See Page 24)

Fuse		System	Page
7.5A	ALT–S	Charging	78
7.5A	ECU–B	Combination Meter	226
		Cruise Control	102
		Door Lock Control	184
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84
		Engine Immobiliser System	110
		Headlight	120
		Interior Light	128
		Key Reminder and Light Reminder	150
		Power Window	178
		Seat Belt Warning	168
		SRS	159
		Theft Deterrent	200
		Wireless Door Lock Control	192
10A	EFI2	Engine Control	84
10A	ETCS	Engine Control	84
10A	HAZ	Turn Signal and Hazard Warning Light	124
10A	H–LP LH/H–LP LO LH	Headlight	120
		Theft Deterrent	200
10A	H–LP RH/H–LP LO RH	Headlight	120
10A	HORN	Horn	144
		Theft Deterrent	200
15A	AM2	Engine Control	84
		Ignition	80
		Starting	74
15A	DOME	Audio System	222
		Engine Control	84
		Interior Light	128
		Theft Deterrent	200
		Wireless Door Lock Control	192
20A	EFI	Cruise Control	102
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84
30A	ABS2/VSC2	ABS	154
30A	HTR SUB1	Air Conditioning	238
30A	RDI	Cooling Fan	234
30A	ST	Starting	74
40A	HTR	Air Conditioning	238
40A	HTR SUB2	Air Conditioning	238
50A	ABS1/VSC1	ABS	154

* These are the page numbers of the first page on which the related system is shown.

Fuse		System	Page
50A	EPS	EPS	174

Instrument Panel J/B (See Page 30)

Fuse		System	Page
7.5A	A/C	Air Conditioning	238
		Rear Window Defogger	216
7.5A	ACC	Audio System	222
		Door Lock Control	184
		Interior Light	128
		Remote Control Mirror	218
		Theft Deterrent	200
		Wireless Door Lock Control	192
7.5A	IGN	Cruise Control	102
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84
		Engine Immobiliser System	110
		Seat Belt Warning	168
		SRS	159
7.5A	MET	ABS	154
		Audio System	222
		Charging	78
		Combination Meter	226
		Cruise Control	102
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84
		EPS	174
		Interior Light	128
		Key Reminder and Light Reminder	150
		Seat Belt Warning	168
		SRS	159
		Taillight and Illumination	134
7.5A	OBD2	Data Link Connector 3	112
7.5A	PANEL1	Key Reminder and Light Reminder	150
		Taillight and Illumination	134
7.5A	PANEL2	Key Reminder and Light Reminder	150
		Taillight and Illumination	134
10A	ECU–IG	ABS	154
		Audio System	222
		Combination Meter	226
		Cooling Fan	234
		Cruise Control	102
		Door Lock Control	184
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84

* These are the page numbers of the first page on which the related system is shown.

J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
10A	ECU–IG	EPS	174
		Headlight	120
		Power Window	178
		Theft Deterrent	200
		Wireless Door Lock Control	192
10A	GAUGE	Air Conditioning	238
		Back–Up Light	140
		Charging	78
		Cruise Control	102
		Electronically Controlled Transmission and A/T Indicator	96
		Rear Window Defogger	216
		Seat Belt Warning	168
		Shift Lock	214
		SRS	159
		Taillight and Illumination	134
		Turn Signal and Hazard Warning Light	124
10A	ID/UP/MIR HTR	Engine Control	84
10A	STOP	ABS	154
		Cruise Control	102
		Electronically Controlled Transmission and A/T Indicator	96
		Engine Control	84
		Shift Lock	214
		Stop Light	142
10A	TAIL	Engine Control	84
		Key Reminder and Light Reminder	150
		Taillight and Illumination	134
15A	CIG	Cigarette Lighter/Power Outlet	220
15A	FR FOG	Front Fog Light	146
		Headlight	120
15A	RR WIP	Rear Wiper and Washer	212
15A	WSH	Front Wiper and Washer	208
		Rear Wiper and Washer	212
20A	RL DOOR	Power Window	178
20A	RR DOOR	Power Window	178
20A	WIP	Front Wiper and Washer	208
25A	D/L	Door Lock Control	184
		Interior Light	128
		Theft Deterrent	200
		Wireless Door Lock Control	192
30A	DEF	Engine Control	84
		Rear Window Defogger	216
30A	POWER	Power Window	178

* These are the page numbers of the first page on which the related system is shown.

Fusible Link Block (See Page 42)

Fuse		System	Page
120A	ALT	Charging	78
		Engine Control	84
		Key Reminder and Light Reminder	150
		Power Window	178
		Taillight and Illumination	134

Fuse Block (See Page 45)

Fuse		System	Page
7.5A	ACC2	Shift Lock	214

* These are the page numbers of the first page on which the related system is shown.

K CONNECTOR LIST

A1
Gray



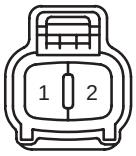
A2
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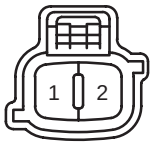
A3
Black



A4
Gray



A5
Black



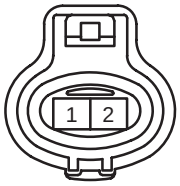
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Yellow



A7



A8
Gray



A9



A10
Gray



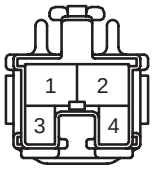
A11



A12
Yellow



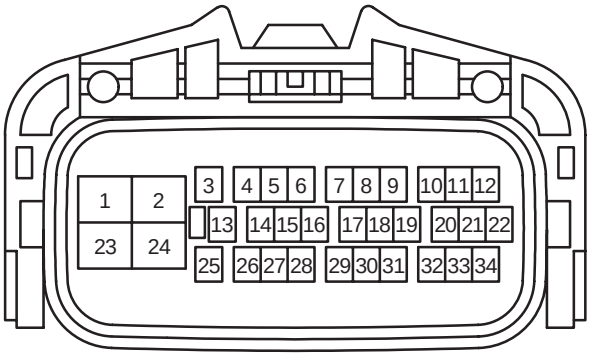
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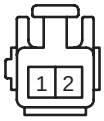
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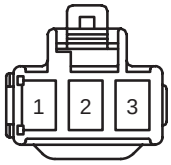
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A16
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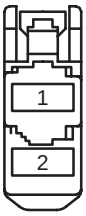
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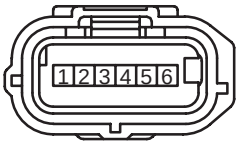
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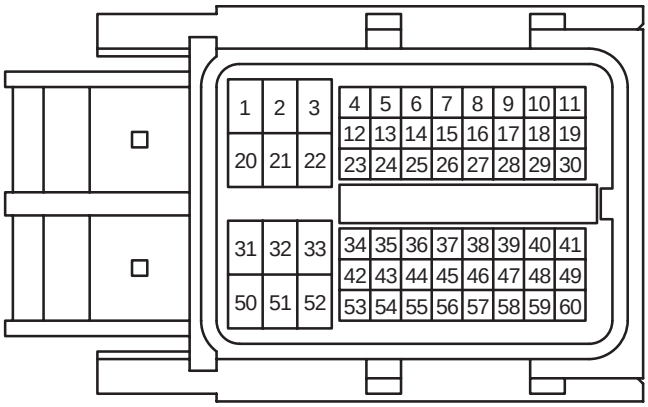
A19
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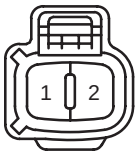
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A21
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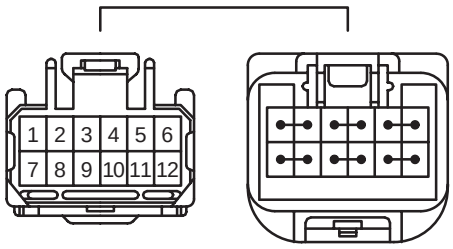
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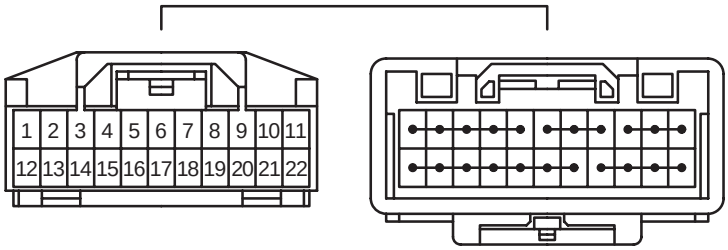
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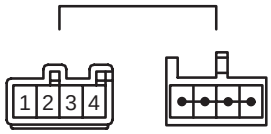
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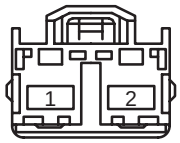
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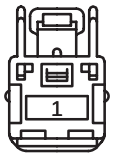
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A27
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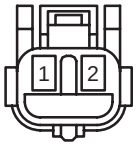
A28



A29



B1
Gray



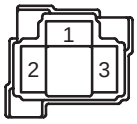
B2
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B3
Brown



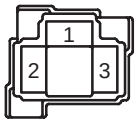
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B5
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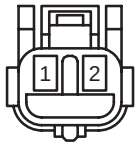
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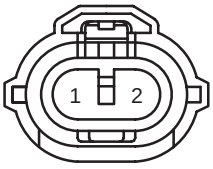
B7
Brown



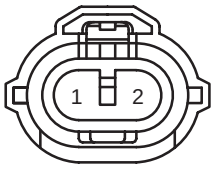
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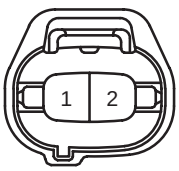
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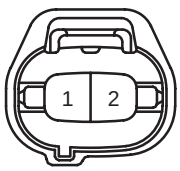
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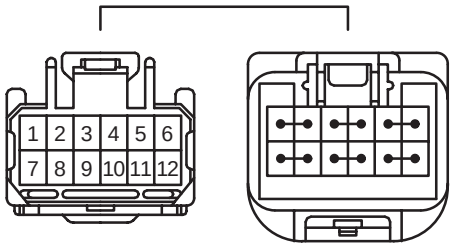
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B12
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B13



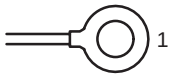
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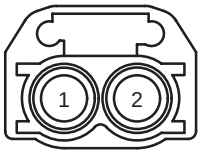
B15
Gray



C1



C2
Black

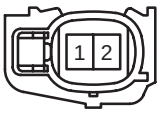


C3
Blue

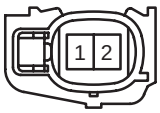


K CONNECTOR LIST

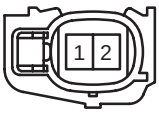
C4
Black



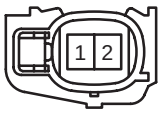
C5
Gray



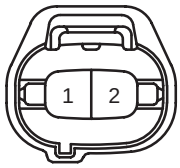
C6
Black



C7
Gray



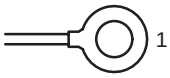
C8
Gray



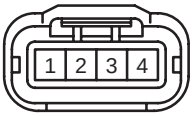
C9
Black



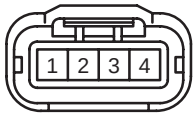
C10



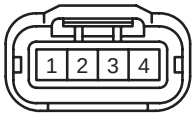
C11
Black



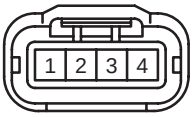
C12
Gray



C13
Black



C14
Gray



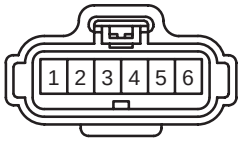
C15
Black



C16
Gray



C17
Black



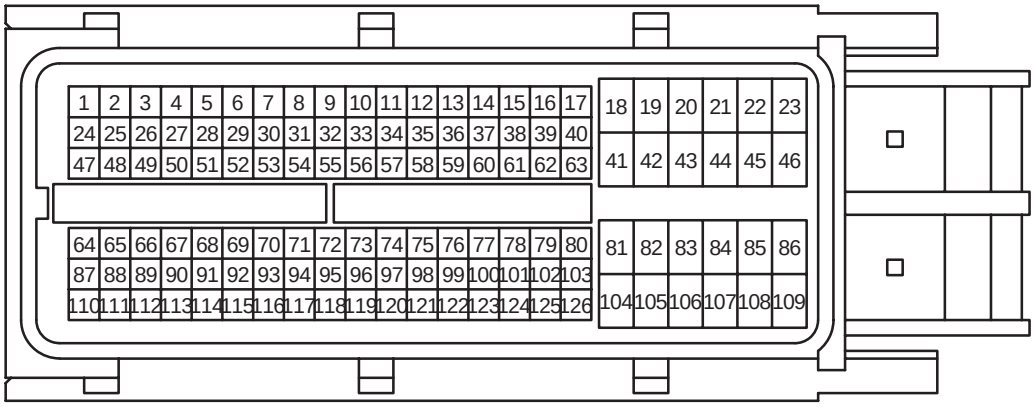
C18
Black



C19
Black



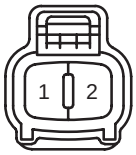
C20
Black



C21
Black



C22
Gray



C23
Dark Gray



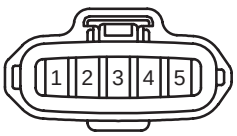
C24
Black



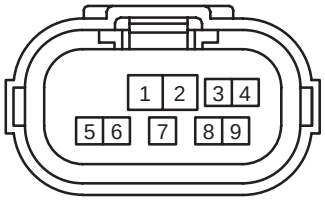
C25
Gray



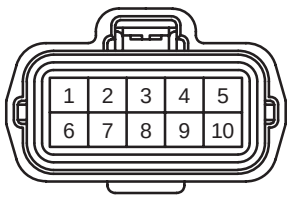
C26
Black



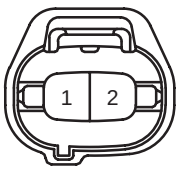
C27
Gray



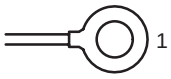
C28
Gray



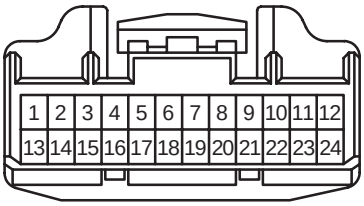
C29
Black



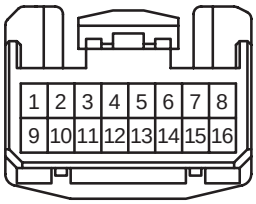
C30



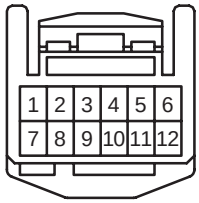
D1



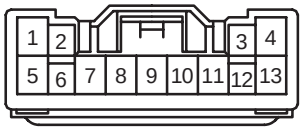
D2



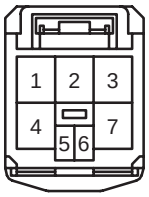
D3



D4



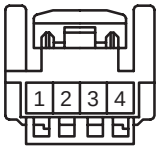
D5



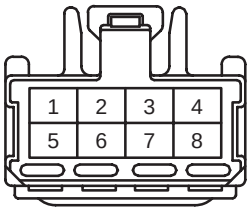
D6



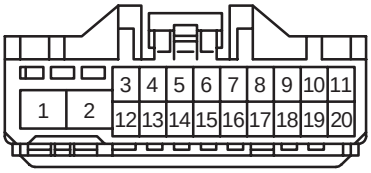
D7
Gray



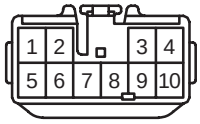
D8



D9



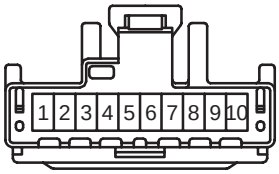
D10
Blue



D11



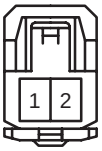
D12



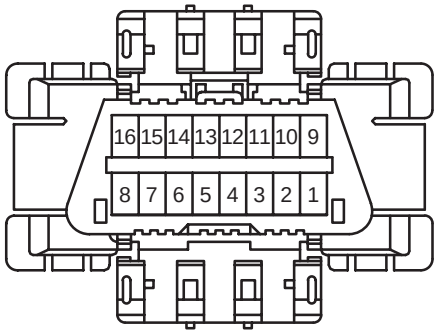
D13
Black



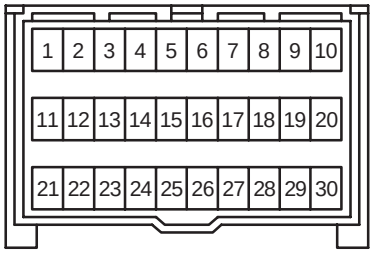
D14



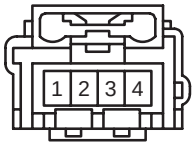
D15



D16
Yellow



D18
Yellow



D19



D20



D21

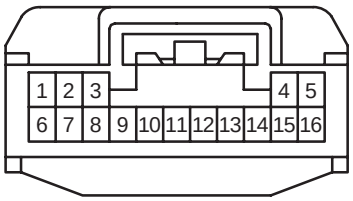


K CONNECTOR LIST

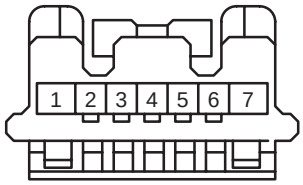
D22



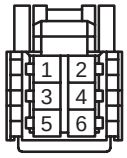
D23



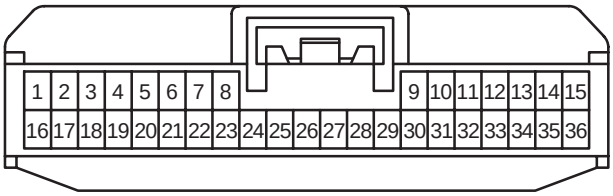
D24
Black



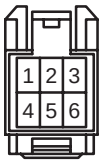
D25
Black



D26



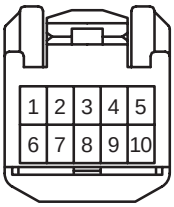
D27



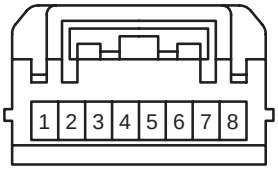
D28
Dark Gray



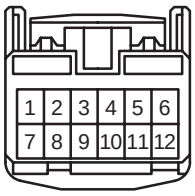
D29



D30



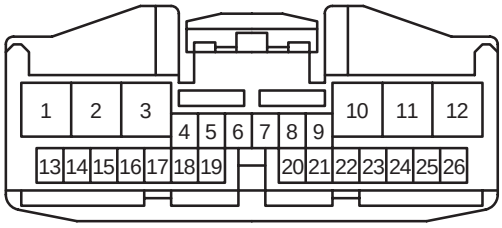
D31



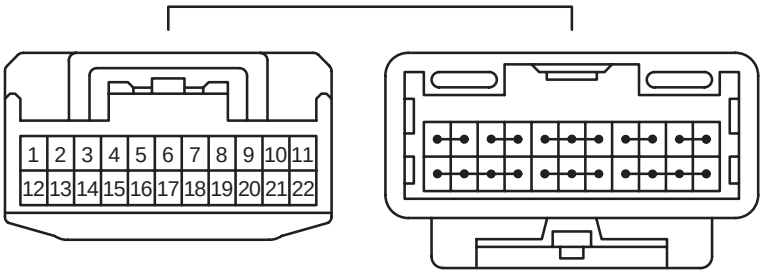
D32



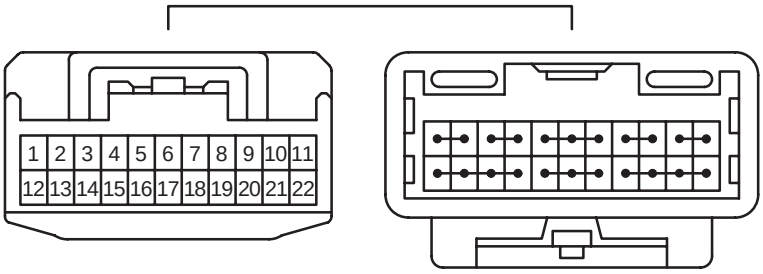
D33



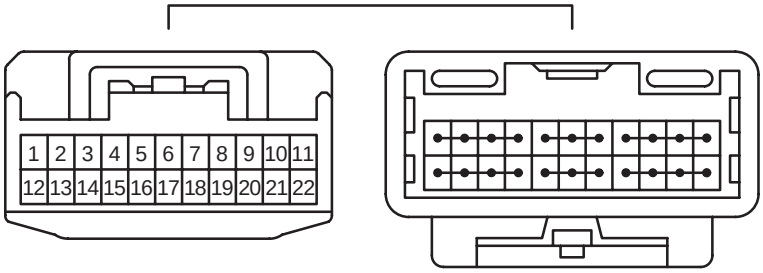
D34



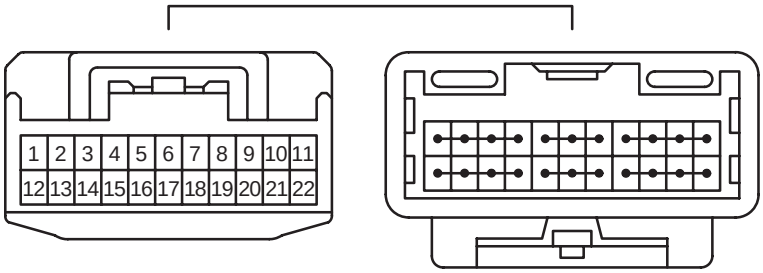
D35



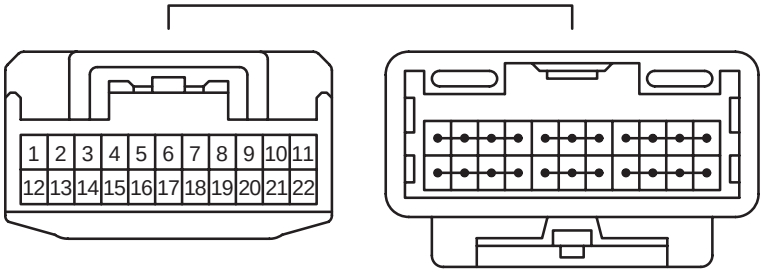
D36



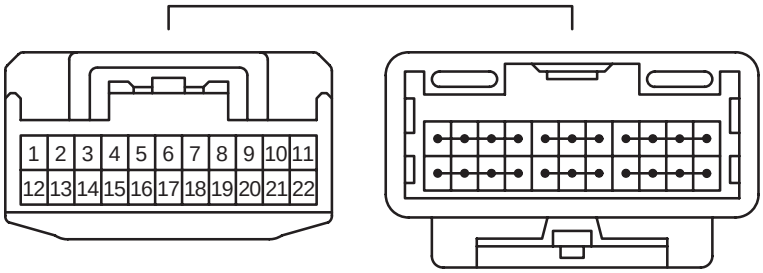
D37



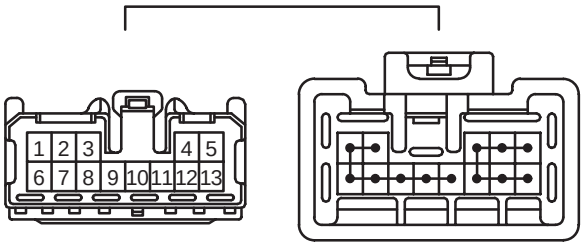
D38



D39

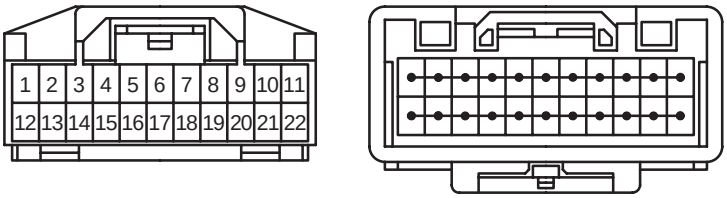


D40

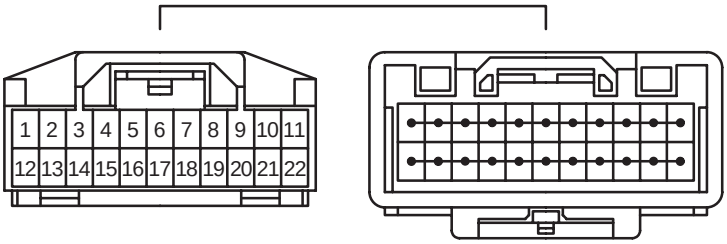


K CONNECTOR LIST

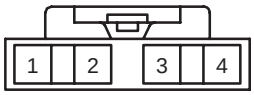
D41



D42



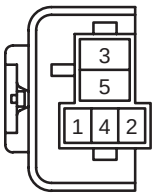
D43



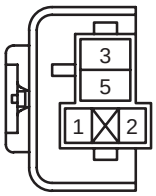
D44
Black



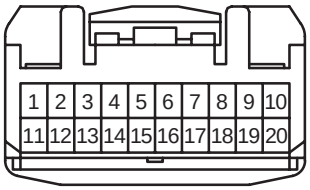
D45
Gray



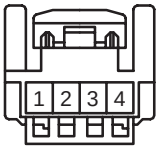
D46



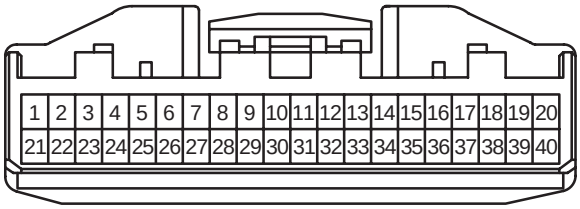
D74



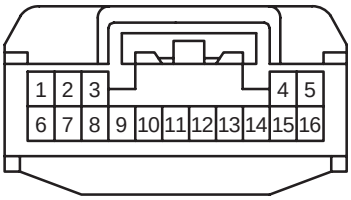
D75
Gray



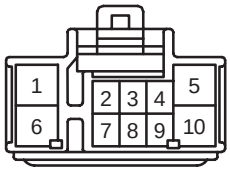
D76



D77



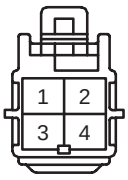
E1



E2



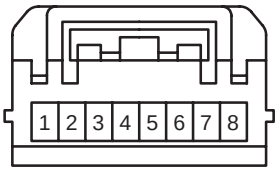
E3
Black



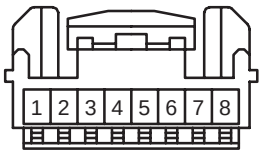
E4
Black



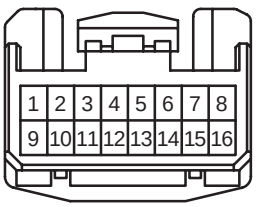
E5



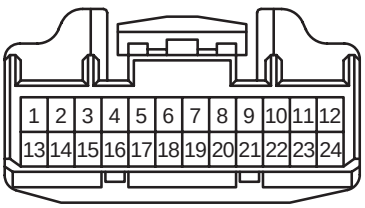
E6



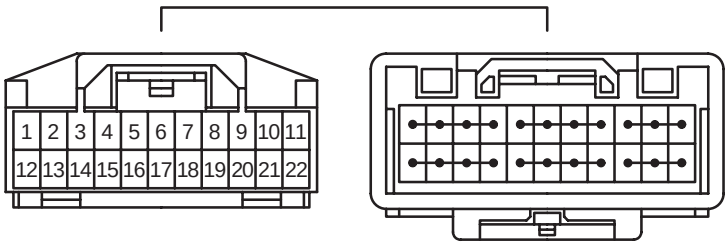
E8



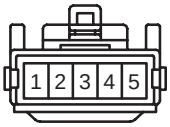
E9



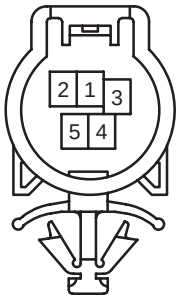
E10



F1



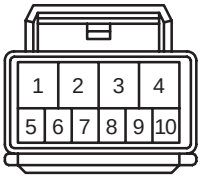
F2



F4



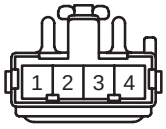
F5



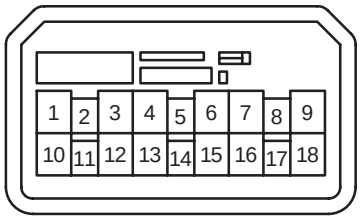
F6



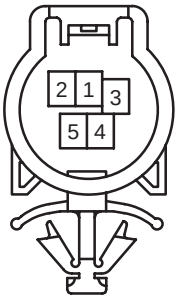
F7



G1



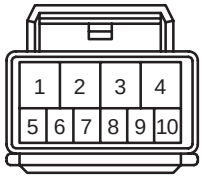
G2



G4



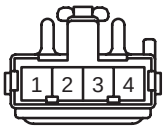
G5



G6



G7



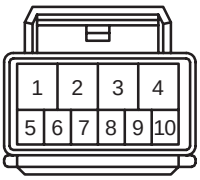
H1



H2



H3



H4



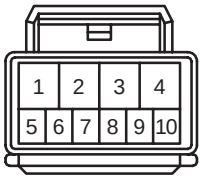
I1



I2



I3



I4



J1

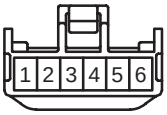


J2

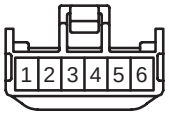


K CONNECTOR LIST

J3



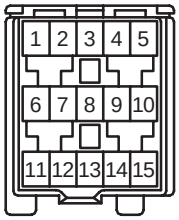
J4



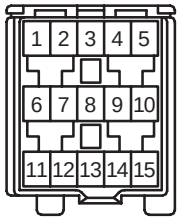
J5



J8
Yellow



J9
Yellow



J10



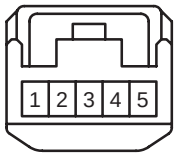
J11



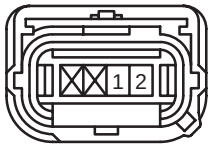
J12



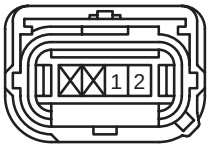
J13



J14
Yellow



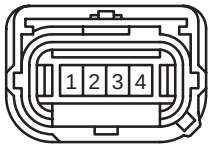
J15
Yellow



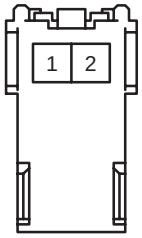
J16
Yellow



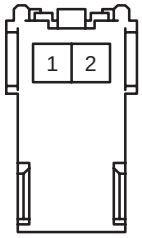
J17
Yellow



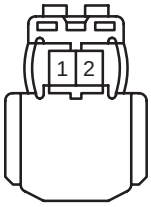
J20
Yellow



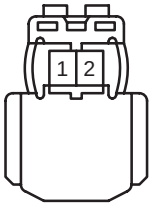
J21
Yellow



J22
Black



J23
Black



J24
Black



J25
Black



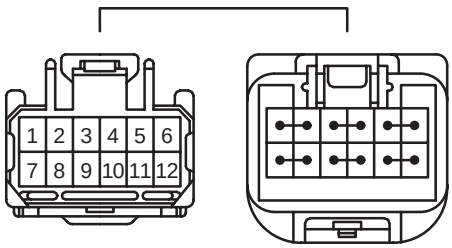
J26



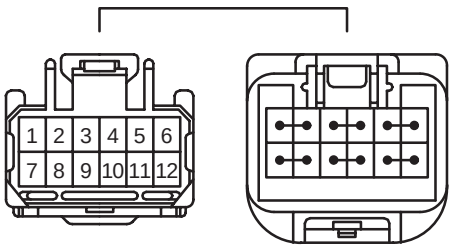
J27



J28



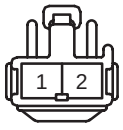
J29



J30
Black



J31



J32



J33



J34



J35



J36
Gray



J37
Gray



J38



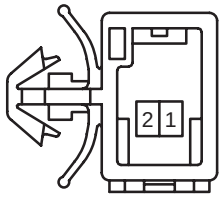
J39



J40
Gray



J41



J42
Black



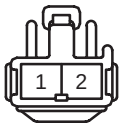
J43



J44
Black



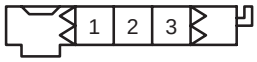
J45



K1



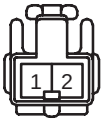
K2
Gray



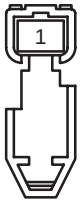
L1
Gray



M1



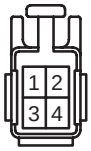
M2
Black



N1



N2



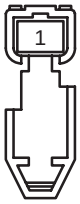
N3



N4



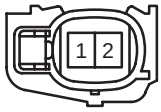
O1
(H/B) Black



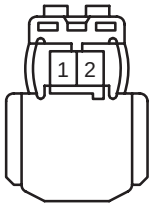
O1
(S/D) Black



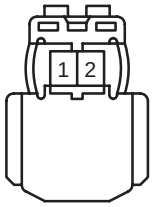
P1
Black



Q1
Orange



Q2
Black



U1
Gray



U2
Black



U3
Black



U4
Black

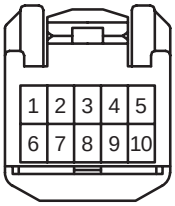


U5
Black

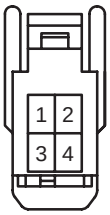


K CONNECTOR LIST

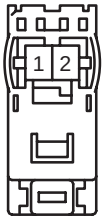
V1
(H/B)



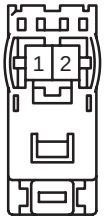
V1
(S/D)



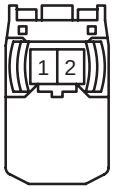
W1
Orange



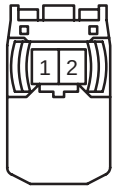
W2
Black



X1



Y1



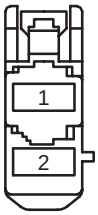
Z1
Black



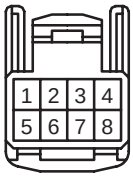
a1
Black



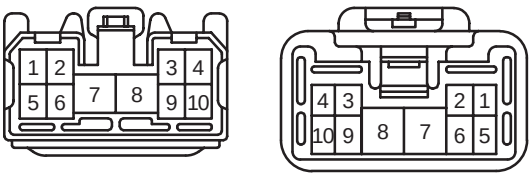
b1



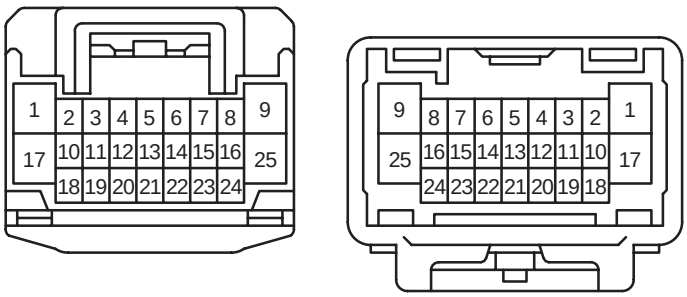
c1



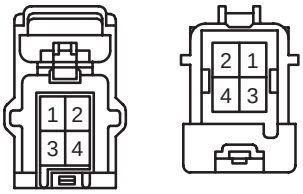
AA1



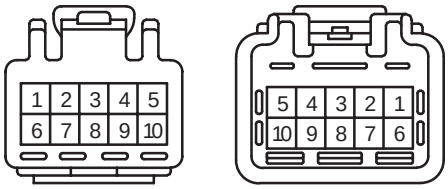
AA2



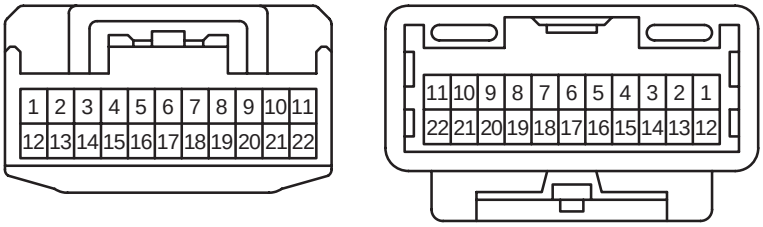
AD1 Yellow



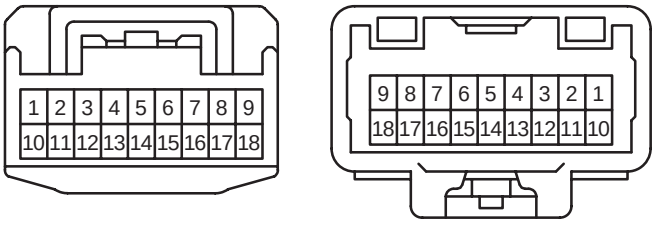
AD2



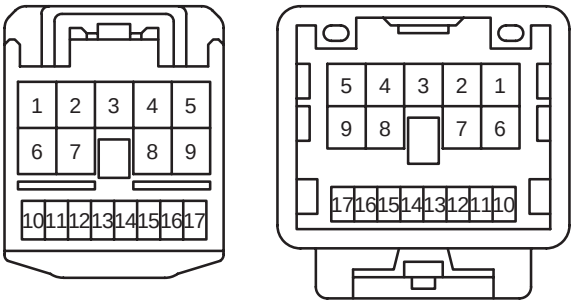
AD3 Black



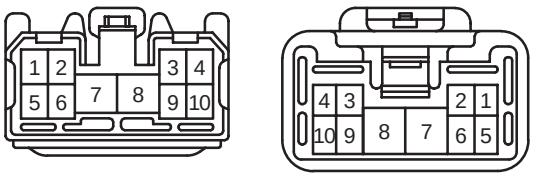
AD4 Gray



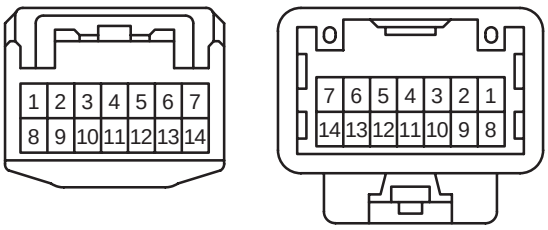
AD5 Blue



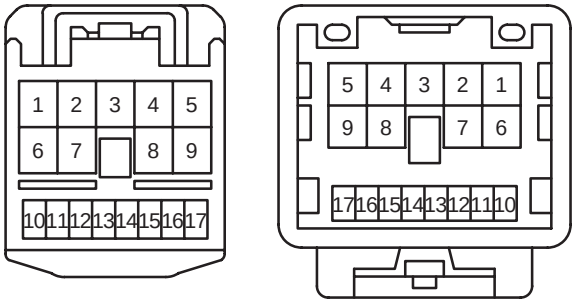
AE1



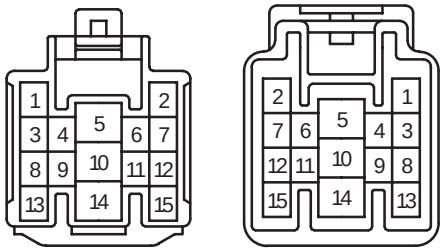
AJ1



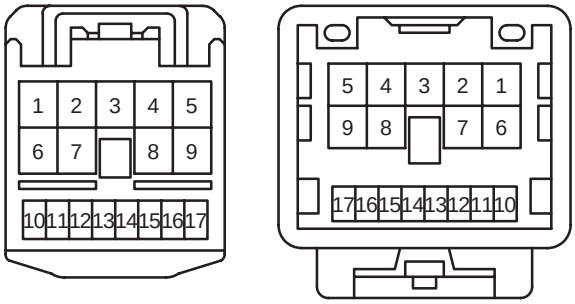
BA1



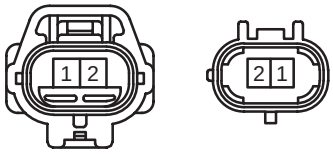
CA1



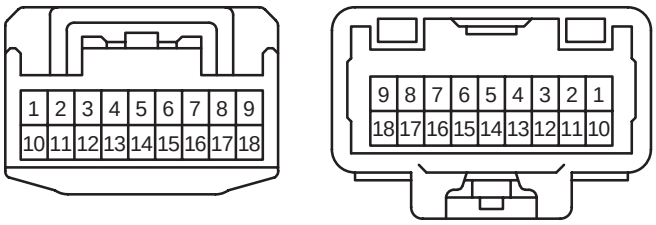
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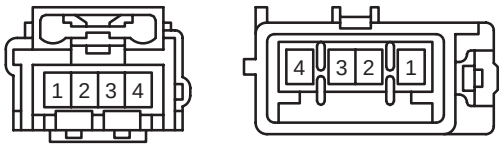
CP1 Gray



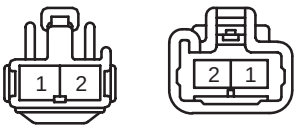
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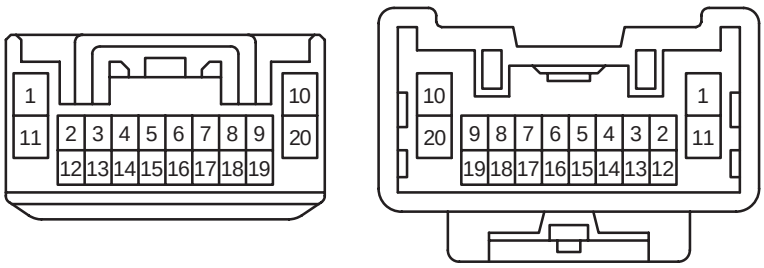
DQ1 Yellow



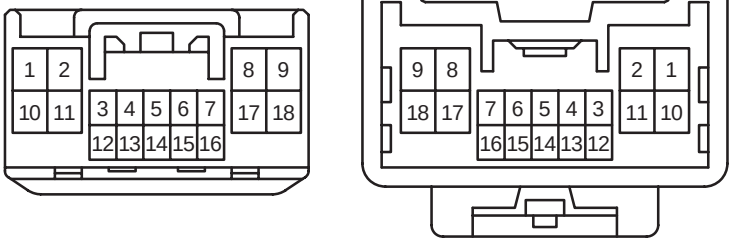
ED1



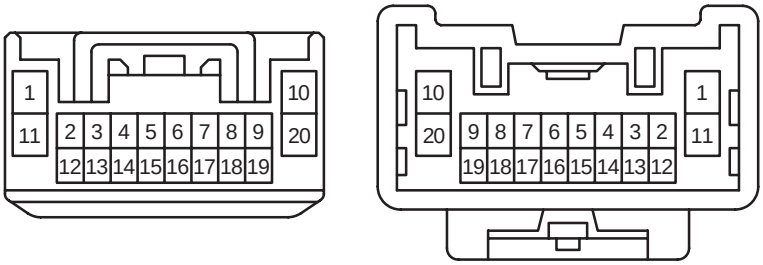
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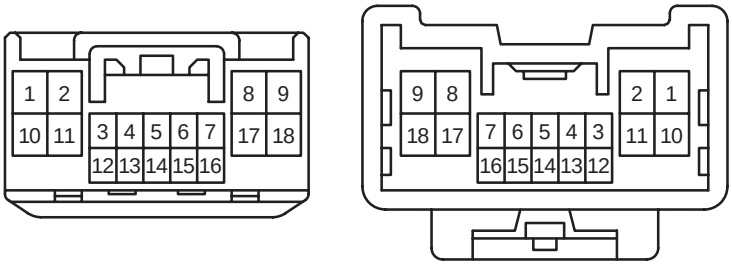
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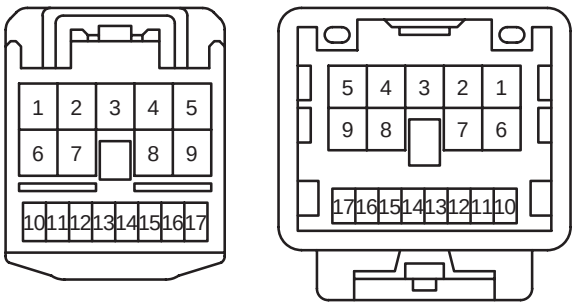
GD1



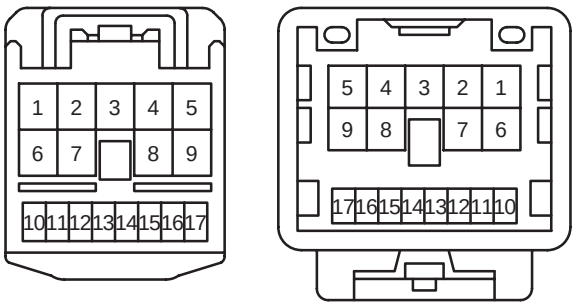
GD2



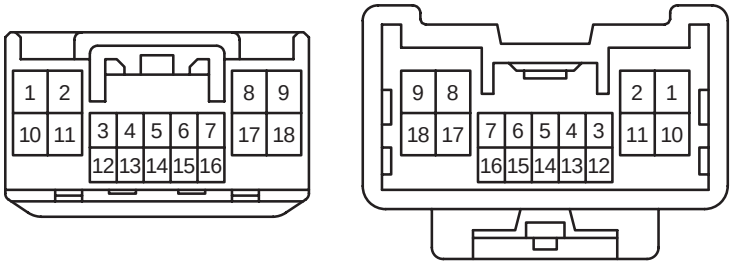
HJ1



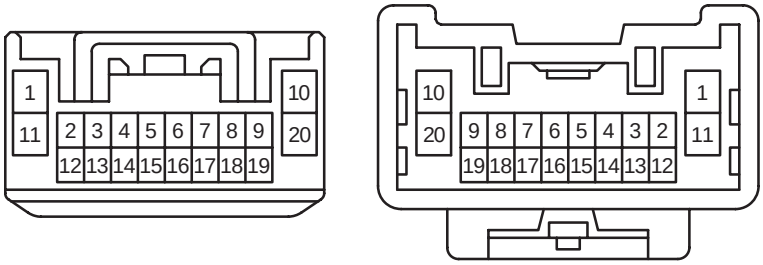
IJ1



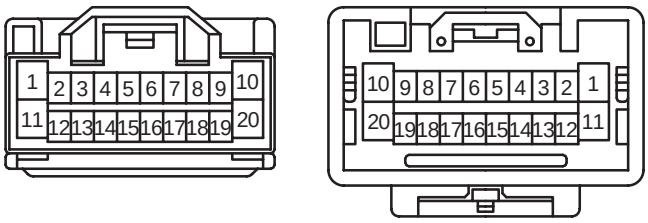
JD1



JD2

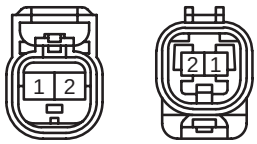


JD3



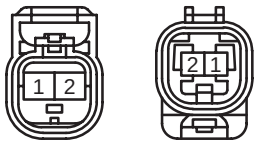
JX1

Yellow

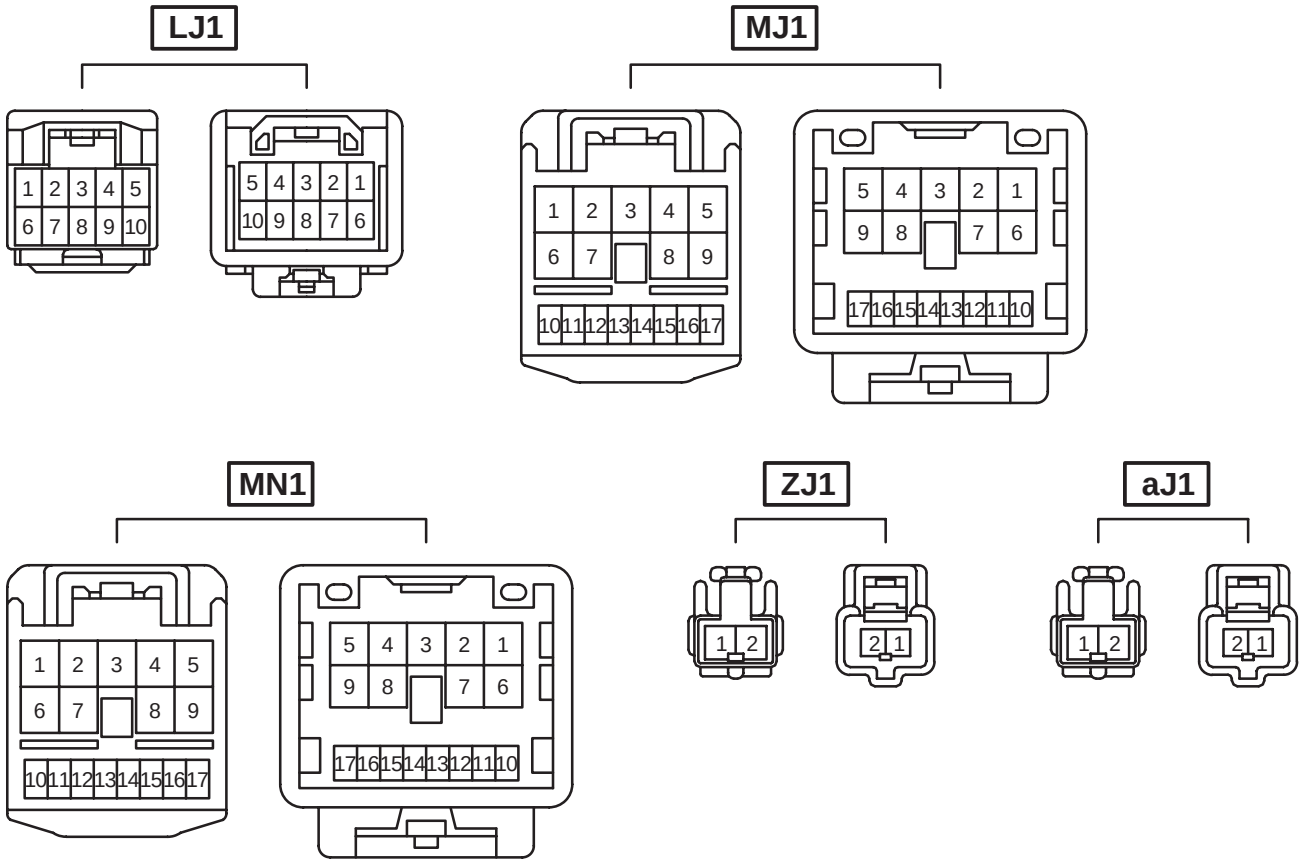


JY1

Yellow



K CONNECTOR LIST



L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A1	Turn Signal Lamp (Front Side RH)	90980–11162
A2	Turn Signal Lamp (Front Side LH)	
A3	A/C Pressure Sensor	90980–10845
A4	Rear Washer Motor	90980–11051
A5	Windshield Washer Motor	90980–11019
A6	Airbag Sensor (Front RH)	90980–12490
A7	Speed Sensor (Front RH)	90980–11003
A8	Cooling Fan Motor	90980–10928
A9	Windshield Wiper Motor	90980–11599
A10	Brake Fluid Level Warning SW	90980–11207
A11	Speed Sensor (Front LH)	90980–11003
A12	Airbag Sensor (Front LH)	90980–12490
A13	Stop Lamp SW	90980–11118
A14	Radiator Fan Resistor	90980–10928
A15	Skid Control ECU with Actuator	90980–12020
A16	Clutch Start SW	90980–10825
A17	PTC Heater	90980–10956
A18	Engine Hood Courtesy SW	90980–11003
A19	Power Steering ECU	90980–12300
A20	Accelerator Position Sensor	90980–12303
A21	Engine Control Module	90980–12462
A22	Water Level Warning SW	90980–11068
A23	Security Horn	90980–11235
A24	Junction Connector	90980–11661
A25	Junction Connector	90980–11915
A26	Junction Connector	90980–11398
A27	Fusible Link Block	90980–11996
A28	Fusible Link Block	90980–11775
A29	Cruise Control Clutch SW	90980–10906
B1	Turn Signal Lamp (Front RH)	82824–52130
B2	Horn	90980–10619
B3	Parking Lamp (RH)	90080–98298
B4	Headlamp (RH)	90980–11314
B5	Ambient Temp. Sensor	90980–11070
B6	Headlamp (LH)	90980–11314
B7	Parking Lamp (LH)	90080–98298
B8	Turn Signal Lamp (Front LH)	82824–52130
B9	Fog Lamp (Front RH)	82824–60460
B10	Fog Lamp (Front LH)	
B11	Side Marker Lamp (Front RH)	90980–11156
B12	Side Marker Lamp (Front LH)	
B13	Junction Connector	90980–11661
B14	Turn Signal, Side Marker and Parking Lamp (RH)	90980–10942
B15	Turn Signal, Side Marker and Parking Lamp (LH)	
C1	Starter	90980–09640

Code	Part Name	Part Number
C2	Crankshaft Position Sensor	90980–12028
C3	VSV (Purge)	90980–11156
C4	Fuel Injector (No.1)	90980–11875
C5	Fuel Injector (No.2)	
C6	Fuel Injector (No.3)	
C7	Fuel Injector (No.4)	
C8	A/C Compressor	90980–11156
C9	Generator	90980–11964
C10	Generator	90980–09373
C11	Ignition Coil (No.1)	90980–11885
C12	Ignition Coil (No.2)	
C13	Ignition Coil (No.3)	
C14	Ignition Coil (No.4)	
C15	Starter	90980–11400
C16	Engine Oil Pressure SW	90980–11363
C17	Throttle Body Assembly	90980–11858
C18	Camshaft Position Sensor	90980–10947
C19	Engine Coolant Temp. Sensor	90980–10735
C20	Engine Control Module	90980–12399
C21	Speed Sensor	90980–11143
C22	Back–Up Lamp SW	90980–11051
C23	Air Fuel Ratio Sensor (Bank 1 Sensor 1)	90980–10869
C24	Camshaft Timing Oil Control Valve	90980–11162
C25	Noise Filter	90980–10843
C26	Mass Air Flow Meter	90980–11317
C27	Park/Neutral Position SW	90980–12362
C28	Electronically Controlled Transmission Solenoid	90980–11658
C29	Speed Sensor (Turbine)	90980–11156
C30	Fusible Link Block	90980–09223
D1	Combination Meter	90980–12200
D2	Combination Meter	90980–12155
D3	Spiral Cable	90980–12183
D4	Headlamp Dimmer SW Assembly	90980–12007
D5	Windshield Wiper SW Assembly	90980–12358
D6	Windshield Wiper SW Assembly	90980–12359
D7	Hazard Warning Signal SW	82824–21030
D8	Ignition SW	90980–11615
D9	Running Light Relay	90980–12034
D10	Radio Receiver Assembly	90980–10997
D11	Radio Receiver Assembly	90980–10996
D12	Outer Mirror SW	90980–11657
D13	Key Interlock Solenoid	90980–12063
D14	Cigarette Lighter or Power Outlet	90980–12498
D15	Data Link Connector 3	90980–11978
D16	Airbag Sensor Assembly Center	90980–12391

Note: Not all of the above part numbers of the connector are established for the supply.

Code	Part Name	Part Number
D18	Spiral Cable	90980–12160
D19	Unlock Warning SW	90980–12063
D20	A/T Shift Lever Illumination	
D21	Parking Brake SW	90980–10871
D22	Shift Lock Control ECU	90980–12183
D23	Transponder Key ECU	90980–12423
D24	Transponder Key Amplifier	90980–12092
D25	Security Indicator Lamp	90980–12056
D26	Theft Warning ECU	90980–12564
D27	Passenger Seat Belt Warning Lamp	90980–12012
D28	Oxygen Sensor (Bank 1 Sensor 2)	90980–11028
D29	Light Control Rheostat	90980–12361
D30	Door Lock Control SW	90980–12550
D31	Power Steering ECU	90980–12290
D32	Antenna Amplifier	90980–10871
D33	Main Body ECU	90980–12203
D34	Junction Connector	90980–12372
D35	Junction Connector	
D36	Junction Connector	
D37	Junction Connector	
D38	Junction Connector	
D39	Junction Connector	
D40	Junction Connector	90980–11542
D41	Junction Connector	90980–11915
D42	Junction Connector	
D43	Fuse Block	82610–52010
D44	Diode (Starter)	90980–10962
D45	ACC Cut Relay	82660–52040
D46	Front Fog Light Relay	82660–52030
D74	Radio Receiver Assembly	90980–12259
D75	Stereo Jack Adapter	82824–21030
D76	Combination Meter	90980–12557
D77	Hazard Warning Signal SW	90980–12423
E1	Blower SW	90980–10993
E2	A/C Thermistor No.1	90980–11918
E3	Blower Resistor	90980–11136
E4	Blower Motor	90980–10916
E5	A/C SW	90980–12550
E6	Rear Window Defogger SW	90980–12217
E8	A/C Amplifier	90980–12155
E9	A/C Amplifier	90980–12200
E10	Junction Connector	90980–11915
F1	Power Window SW (Front RH)	90980–10789
F2	Outer Rear View Mirror (RH)	90980–12189
F4	Power Window Regulator Motor (Front RH)	90980–10797
F5	Door Lock Assembly (Front Passenger's Side)	90980–12226

Code	Part Name	Part Number
F6	Speaker (Front Door RH)	90980–10935
F7	Door Lock Control SW (Front Passenger's Side)	90980–11013
G1	Power Window Master SW	90980–12122
G2	Outer Rear View Mirror (LH)	90980–12189
G4	Power Window Regulator Motor (Front LH)	90980–10797
G5	Door Lock Assembly (Driver's Side)	90980–12226
G6	Speaker (Front Door LH)	90980–10935
G7	Door Lock Control SW (Driver's Side)	90980–11013
H1	Power Window SW (Rear RH)	90980–10631
H2	Power Window Regulator Motor (Rear RH)	90980–10797
H3	Door Lock Assembly (Rear RH)	90980–12226
H4	Speaker (Rear RH)	90980–10935
I1	Power Window SW (Rear LH)	90980–10631
I2	Power Window Regulator Motor (Rear LH)	90980–10797
I3	Door Lock Assembly (Rear LH)	90980–12226
I4	Speaker (Rear LH)	90980–10935
J1	Door Courtesy SW (Front RH)	82824–52010
J2	Door Courtesy SW (Front LH)	
J3	Rear Combination Lamp (RH)	90980–10957
J4	Rear Combination Lamp (LH)	
J5	Fuel Suction Pump and Gage Assembly	90980–11077
J8	Airbag Sensor Assembly Center	90980–12449
J9	Airbag Sensor Assembly Center	90980–12450
J10	Front Seat Inner Belt (Driver's Side)	90980–10942
J11	Front Seat Inner Belt Assembly (Front RH)	
J12	Room Lamp (Luggage)	90980–11148
J13	Door Control Receiver	90980–12366
J14	Airbag Sensor (Rear RH)	90980–12352
J15	Airbag Sensor (Rear LH)	
J16	Side Airbag Sensor (RH)	90980–12225
J17	Side Airbag Sensor (LH)	
J20	Pretensioner (RH)	90980–12253
J21	Pretensioner (LH)	
J22	Curtain Shield Airbag Squib (RH)	90980–12575
J23	Curtain Shield Airbag Squib (LH)	
J24	Occupant Classification ECU	90980–12356
J25	Canister Pump Module	90980–12380
J26	Speaker (Rear RH)	90980–10935
J27	Speaker (Rear LH)	
J28	Junction Connector	90980–11661
J29	Junction Connector	
J30	Diode (Room Lamp)	90980–10962
J31	Noise Filter	90980–10916
J32	Door Courtesy SW (Rear RH)	82824–52010
J33	Door Courtesy SW (Rear LH)	

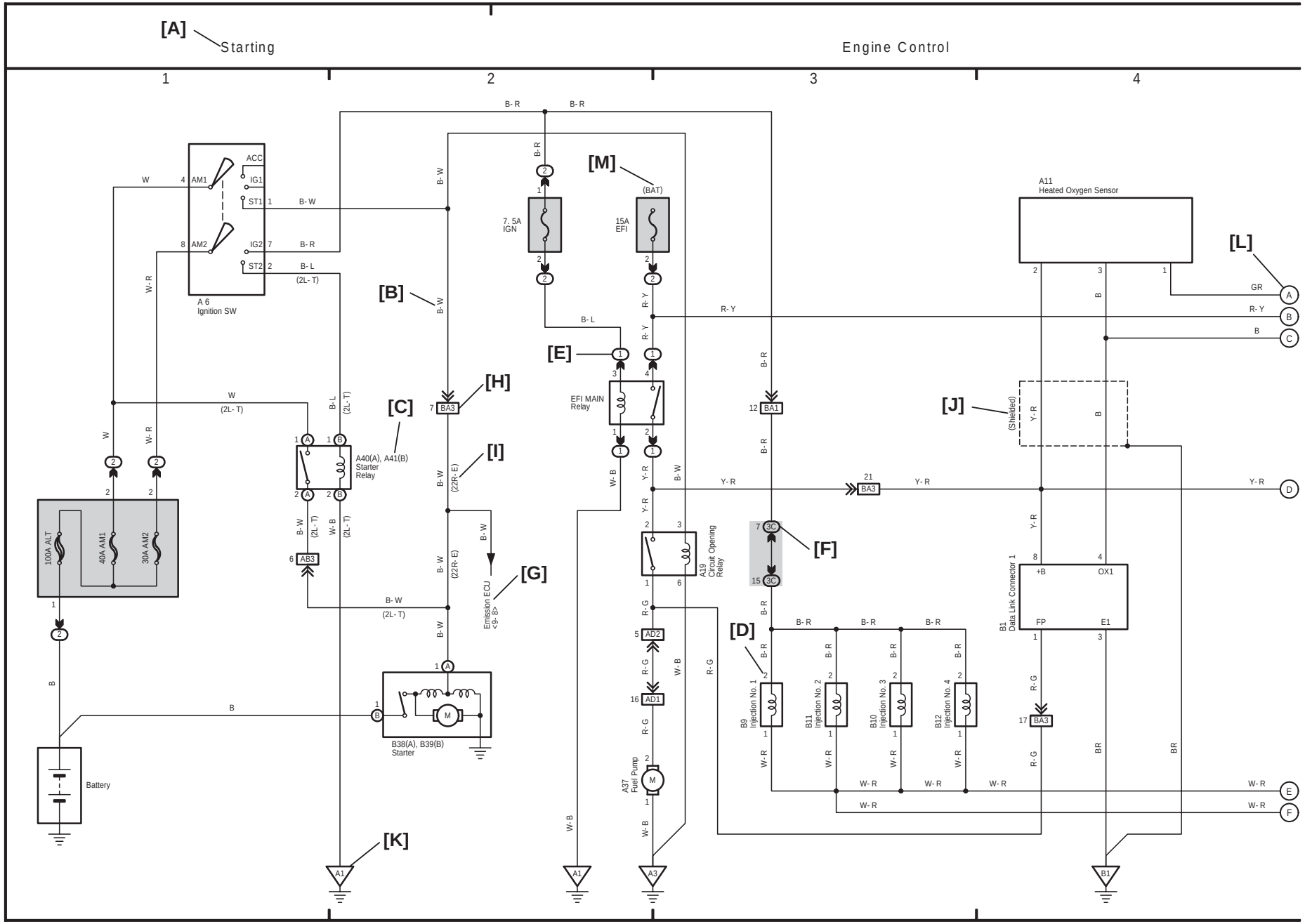
L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
J34	Rear Combination Lamp (RH)	82824–52050
J35	Rear Combination Lamp (LH)	
J36	License Plate Lamp (RH)	90980–11148
J37	License Plate Lamp (LH)	
J38	Speaker (Rear RH)	90980–11299
J39	Speaker (Rear LH)	
J40	High Mounted Stop Light	90980–11148
J41	High Mounted Stop Light	90980–11967
J42	Door Lock Assembly (Luggage)	90980–10908
J43	Door Lock Assembly (Luggage)	90980–11212
J44	Rear Window Defogger	90980–10913
J45	Noise Filter	90980–10916
K1	Map Lamp	90980–11212
K2	Room Lamp (Center)	–
L1	License Plate Lamp	90980–11162
M1	Center Stop Lamp	90980–10860
M2	Rear Window Defogger	90980–11853
N1	Rear Wiper Motor Assembly	90980–10860
N2	Back Door Courtesy SW	90980–10795
N3	Back Door Lock Assembly	90980–10825
N4	Back Door Position SW	90980–11150
O1	Rear Window Defogger (H/B)	90980–11853
	Rear Window Defogger (S/D)	90980–10914
P1	Knock Control Sensor (Bank 1)	90980–11875
Q1	Airbag Squib (Front Passenger's Airbag Assembly)	90980–12576
Q2	Airbag Squib (Front Passenger's Airbag Assembly)	90980–12575
U1	Occupant Classification ECU	90980–12357
U2	Occupant Classification Sensor (Front LH)	90980–12353
U3	Occupant Classification Sensor (Rear LH)	
U4	Occupant Classification Sensor (Front RH)	
U5	Occupant Classification Sensor (Rear RH)	
V1	Cruise Control SW (S/D)	90980–12360
	Spiral Cable (H/B)	90980–12361
	Spiral Cable (S/D)	90980–12360
	Steering Pad SW (H/B)	90980–12361
	Steering Pad SW (S/D)	90980–12360
W1	Airbag Squib (Steering Wheel Pad)	90980–12224
	Spiral Cable	
W2	Airbag Squib (Steering Wheel Pad)	90980–12219
	Spiral Cable	
X1	Side Airbag Squib (RH)	90980–12452
Y1	Side Airbag Squib (LH)	
Z1	Speed Sensor (Rear RH)	90980–12416
a1	Speed Sensor (Rear LH)	
b1	Power Steering ECU	90980–12299
	Power Steering Motor	
c1	Power Steering ECU	90980–12221
	Power Steering Torque Sensor	

Note: Not all of the above part numbers of the connector are established for the supply.

HOW TO READ THIS SECTION

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.



[A] : System Title

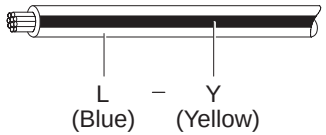
[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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				

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

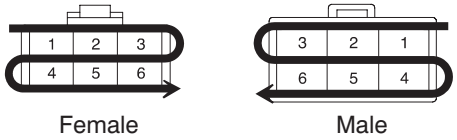
Example: L – Y



[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in other from upper left to lower right / Numbered in other from upper right to lower left



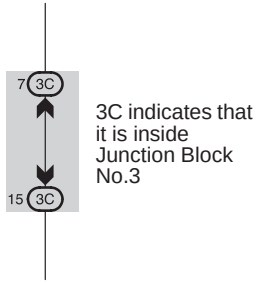
The numbering system for the overall wiring diagram is the same as above

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: (1) Indicates Relay Block No.1

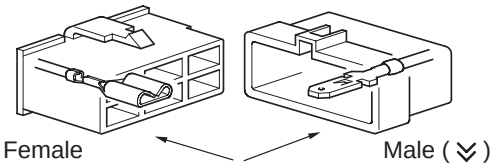
[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (»). Outside numerals are pin numbers.



[I] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.



[K] : Indicates a ground point.

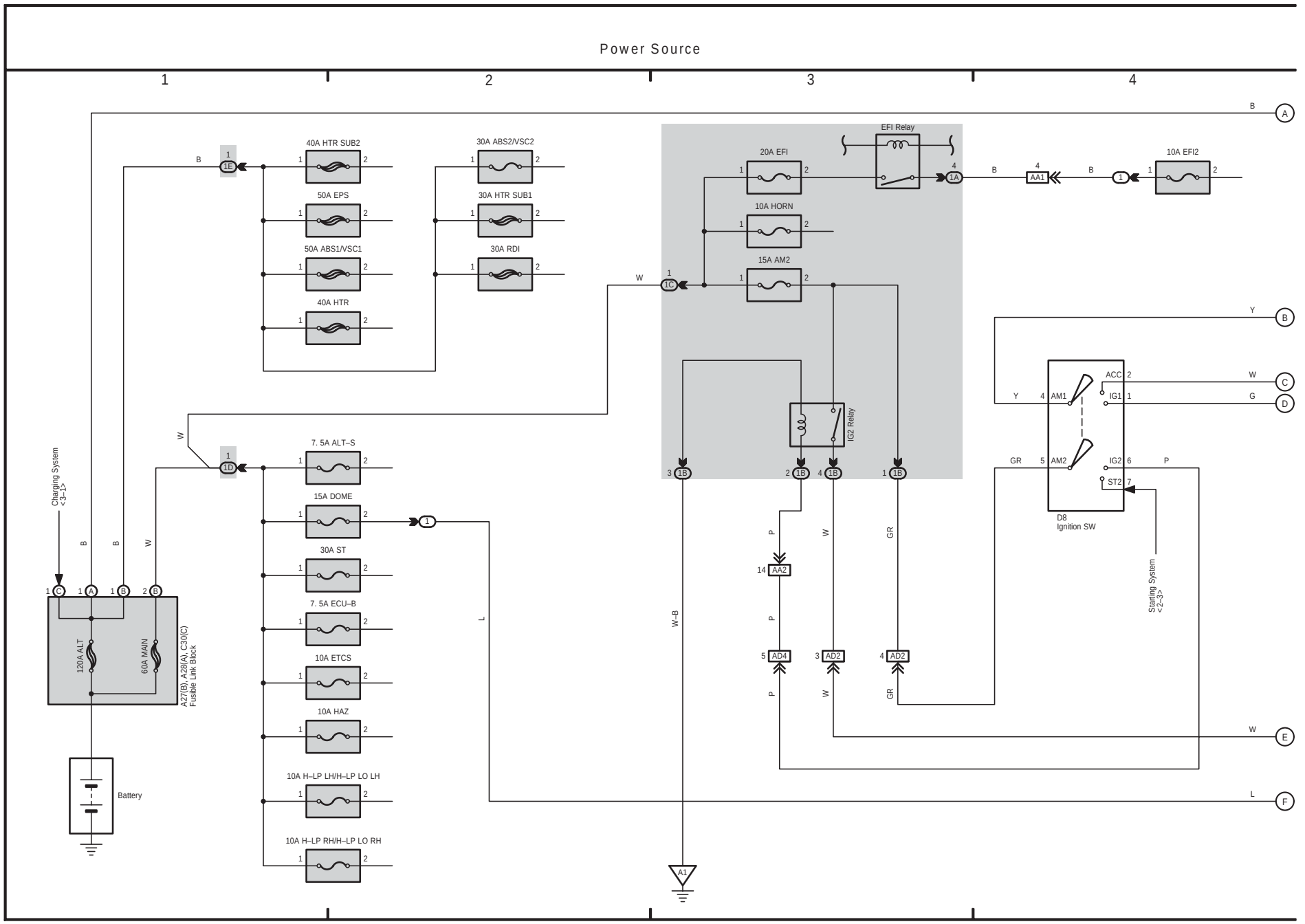
[L] : The same code occurring on the next page indicates that the wire harness is continuous.

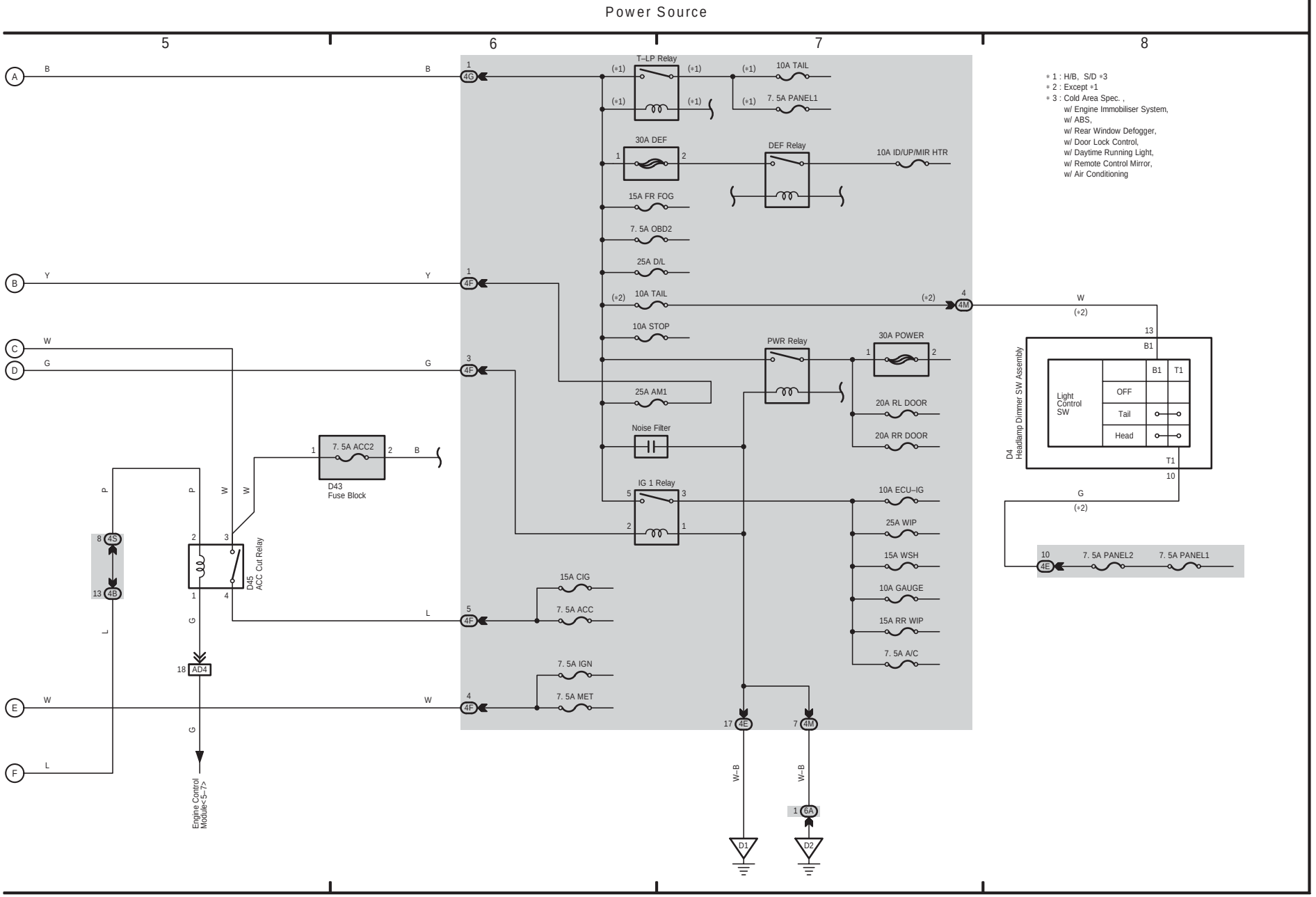
[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

SYSTEM INDEX

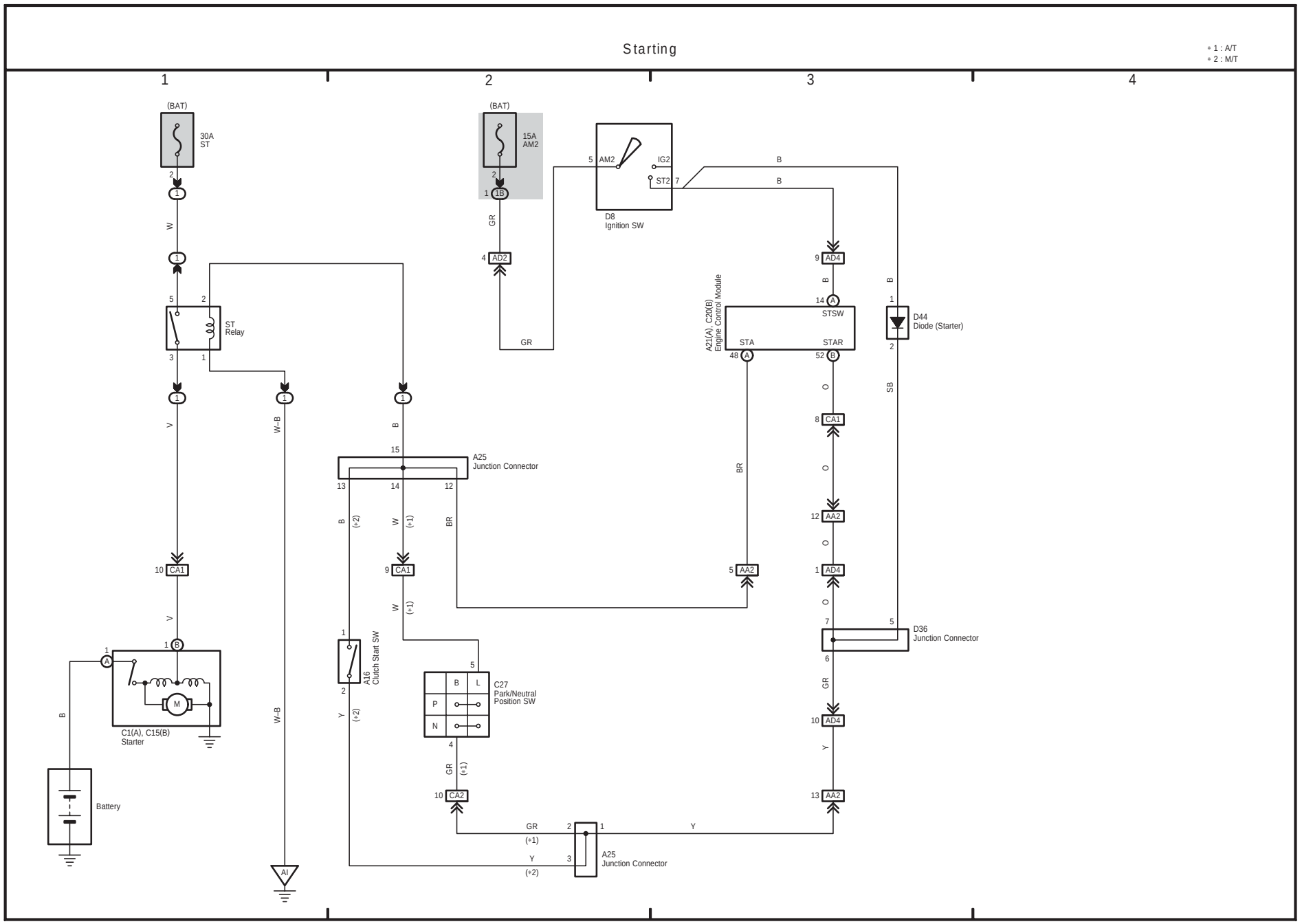
SYSTEMS	LOCATION
ABS	17–1
Air Conditioning	29–1
Audio System	26–1
Back–Up Light	13–1
Charging	3–1
Cigarette Lighter	24–3
Combination Meter	27–1
Cooling Fan	28–1
Cruise Control	5–16
Data Link Connector 3	7–1
Door Lock Control	21–1
Electronically Controlled Transmission and A/T Indicator	5–17
Engine Control	5–1
Engine Immobiliser System	6–1
EPS	19–1
Front Fog Light	15–1
Front Wiper and Washer	22–1
Headlight	9–1
Horn	25–3
Ignition	4–1
Illumination	12–1
Interior Light	11–1
Key Reminder	16–1
Light Reminder	16–1
Multiplex Communication System (CAN)	8–1
Power Outlet	24–3
Power Source	1–1
Power Window	20–1
Rear Window Defogger	25–1
Rear Wiper and Washer	23–1
Remote Control Mirror	24–1
Seat Belt Warning	18–7
Shift Lock	23–3
SRS	18–1
Starting	2–1
Stop Light	14–1
Taillight	12–1
Theft Deterrent	21–10
Turn Signal and Hazard Warning Light	10–1
Wireless Door Lock Control	21–9

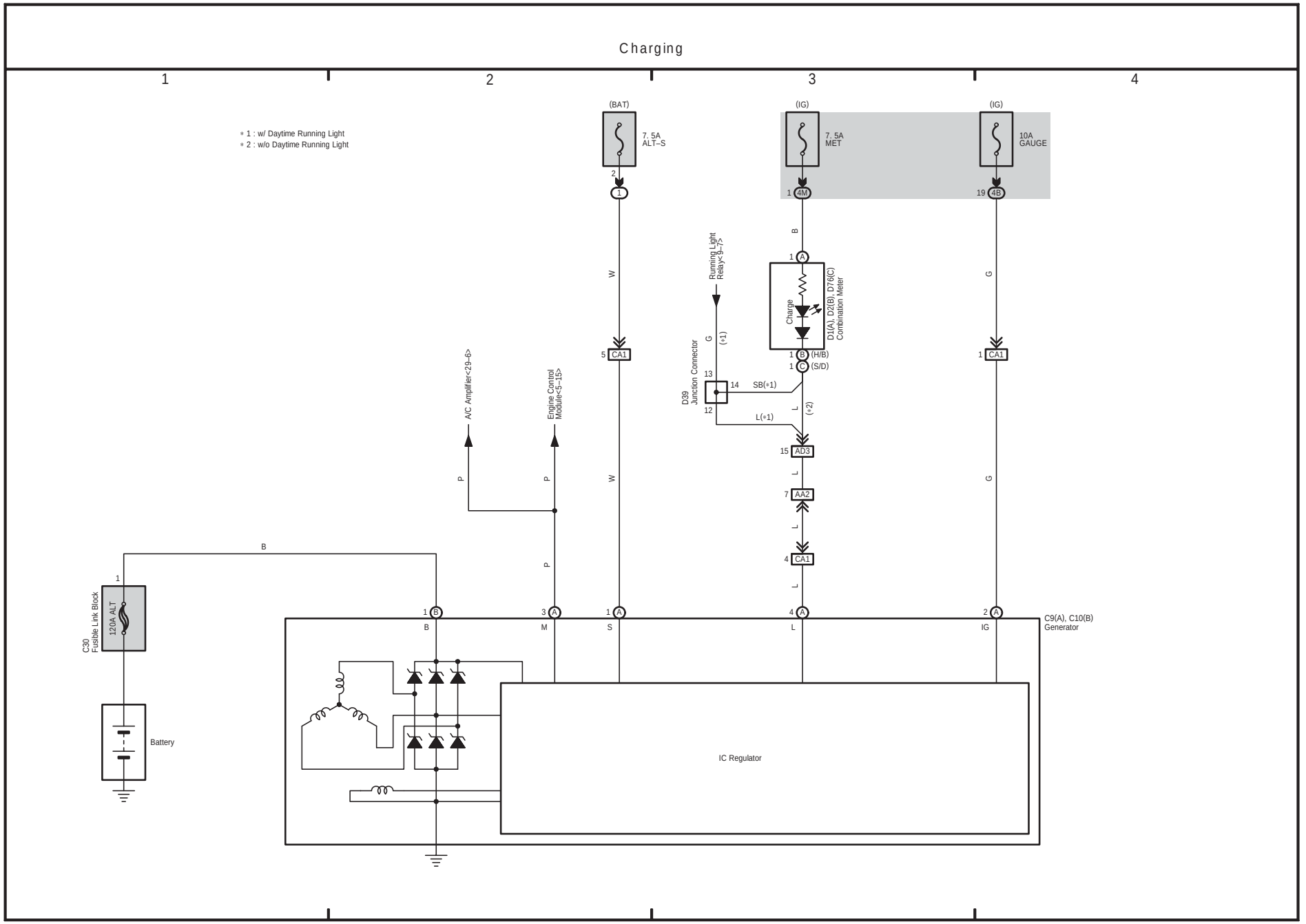
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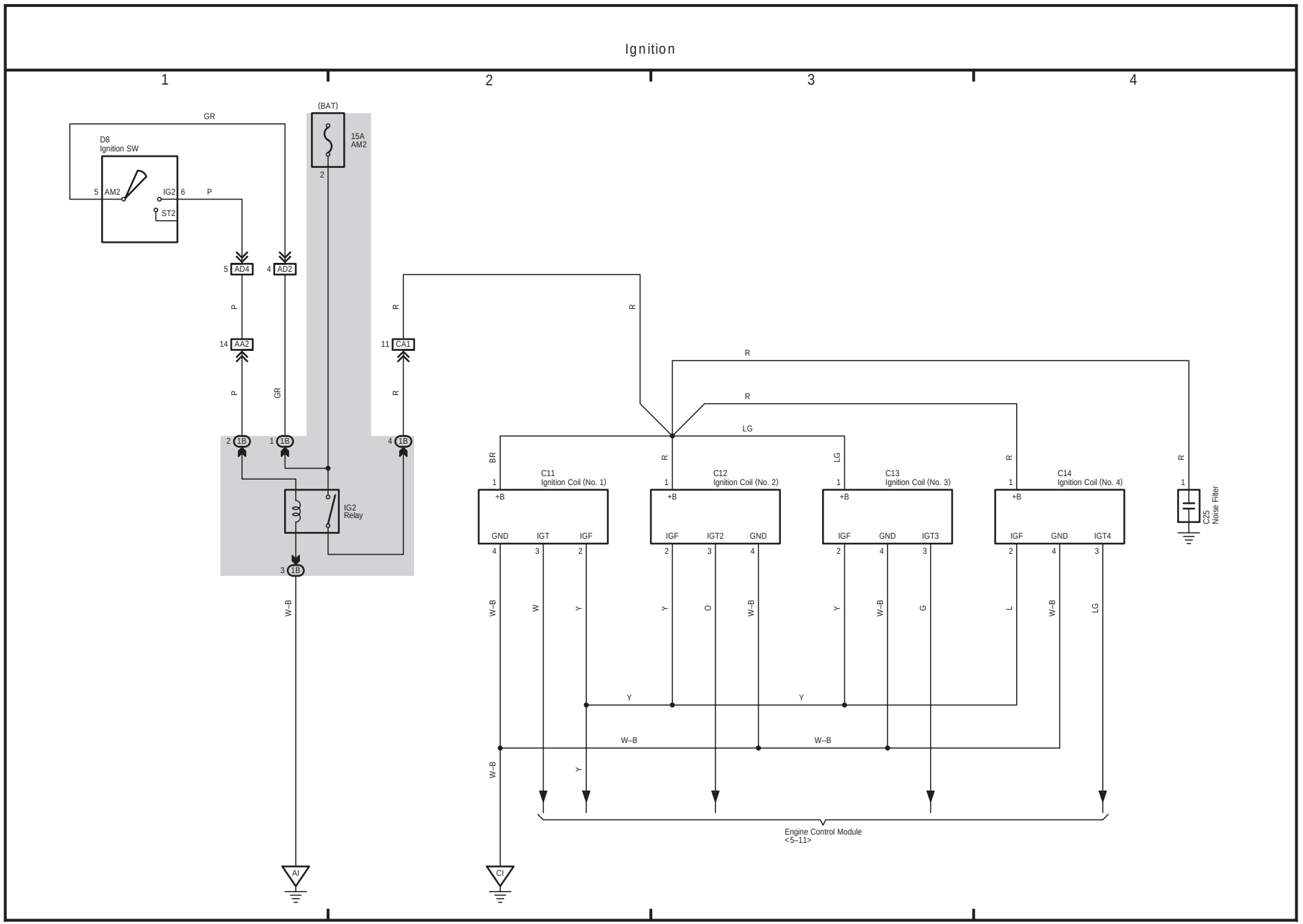


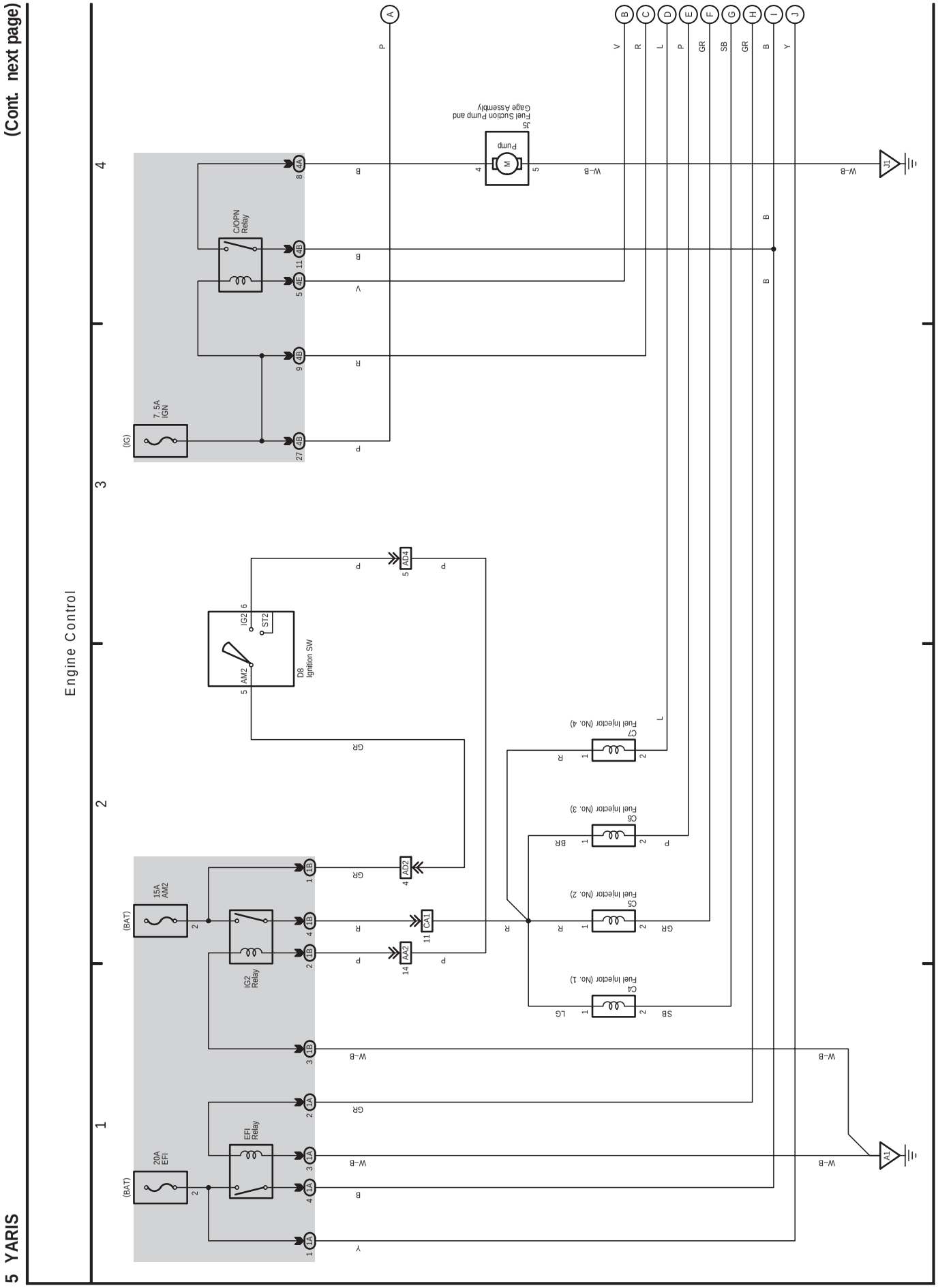

Power Source
5
6
7
8
T–LP Relay
10A TAIL
7. 5A PANEL1
30A DEF
DEF Relay
10A ID/UP/MIR HTR
15A FR FOG
7. 5A OBD2
25A D/L
10A TAIL
10A STOP
PWR Relay
30A POWER
25A AM1
20A RL DOOR
20A RR DOOR
Noise Filter
7. 5A ACC2
D43
Fuse Block
IG 1 Relay
10A ECU–IG
25A WIP
15A WSH
10A GAUGE
15A RR WIP
7. 5A A/C
15A CIG
7. 5A ACC
7. 5A IGN
7. 5A MET
D45
ACC Cut Relay
Engine Control Module<5–7>
W–B
D1
D2
Light Control SW
OFF
Tail
Head
B1
T1
D4
Headlamp Dimmer SW Assembly
7. 5A PANEL2
7. 5A PANEL1
∗ 1 : H/B, S/D ∗3
∗ 2 : Except ∗1
∗ 3 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning

2 YARIS

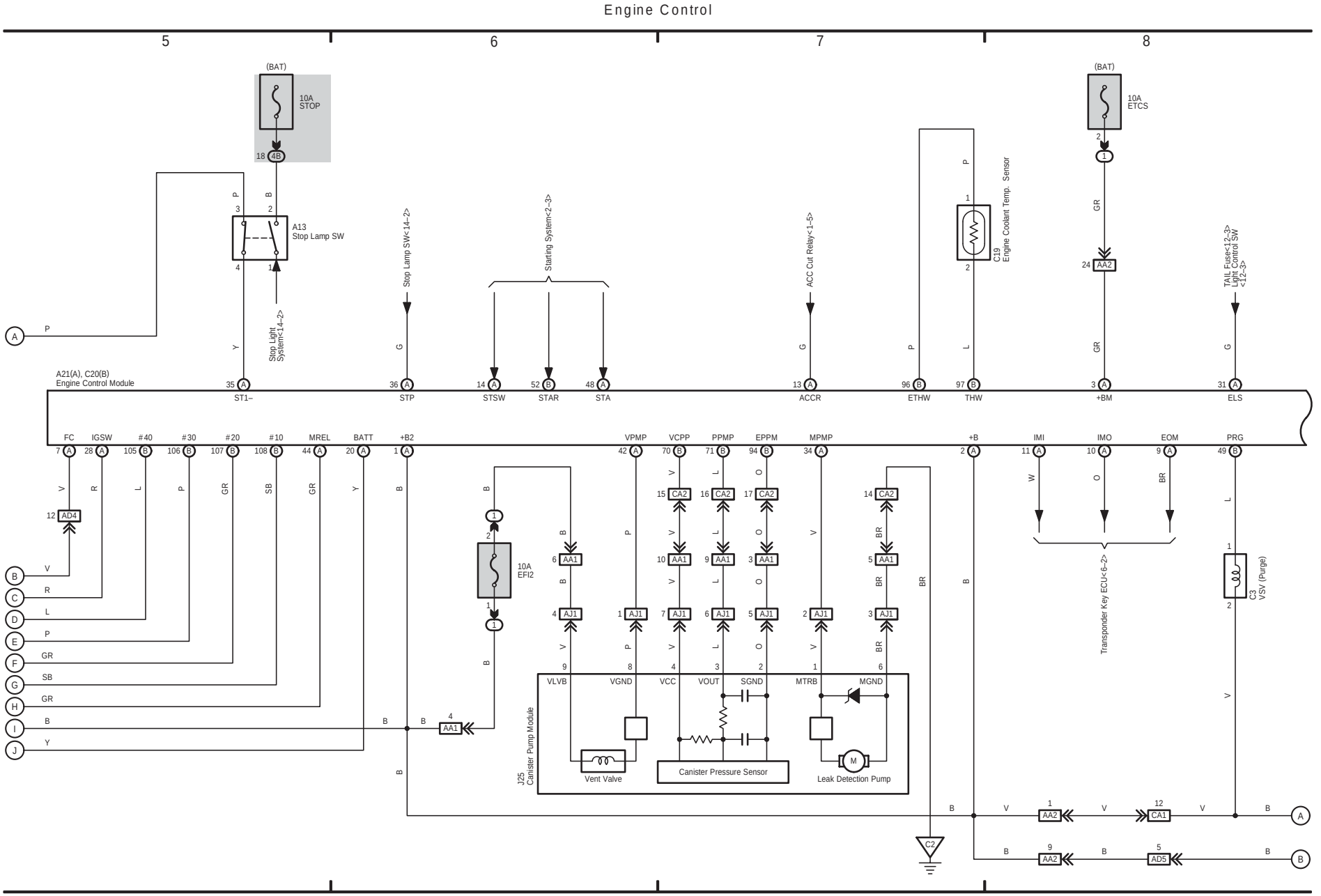

Starting
* 1 : A/T
* 2 : M/T
1
2
3
4
(BAT)
30A
ST
15A
AM2
1B
D8
Ignition SW
AM2
IG2
ST2
ST
Relay
AD2
AD4
A21(A), C20(B)
Engine Control Module
STSW
STA
STAR
D44
Diode (Starter)
A25
Junction Connector
CA1
AA2
D36
Junction Connector
A16
Clutch Start SW
C27
Park/Neutral
Position SW
B
L
P
N
CA2
C1(A), C15(B)
Starter
Battery
Al
W-B
GR
B
W
BR
O
SB
V
Y
(*1)
(*2)

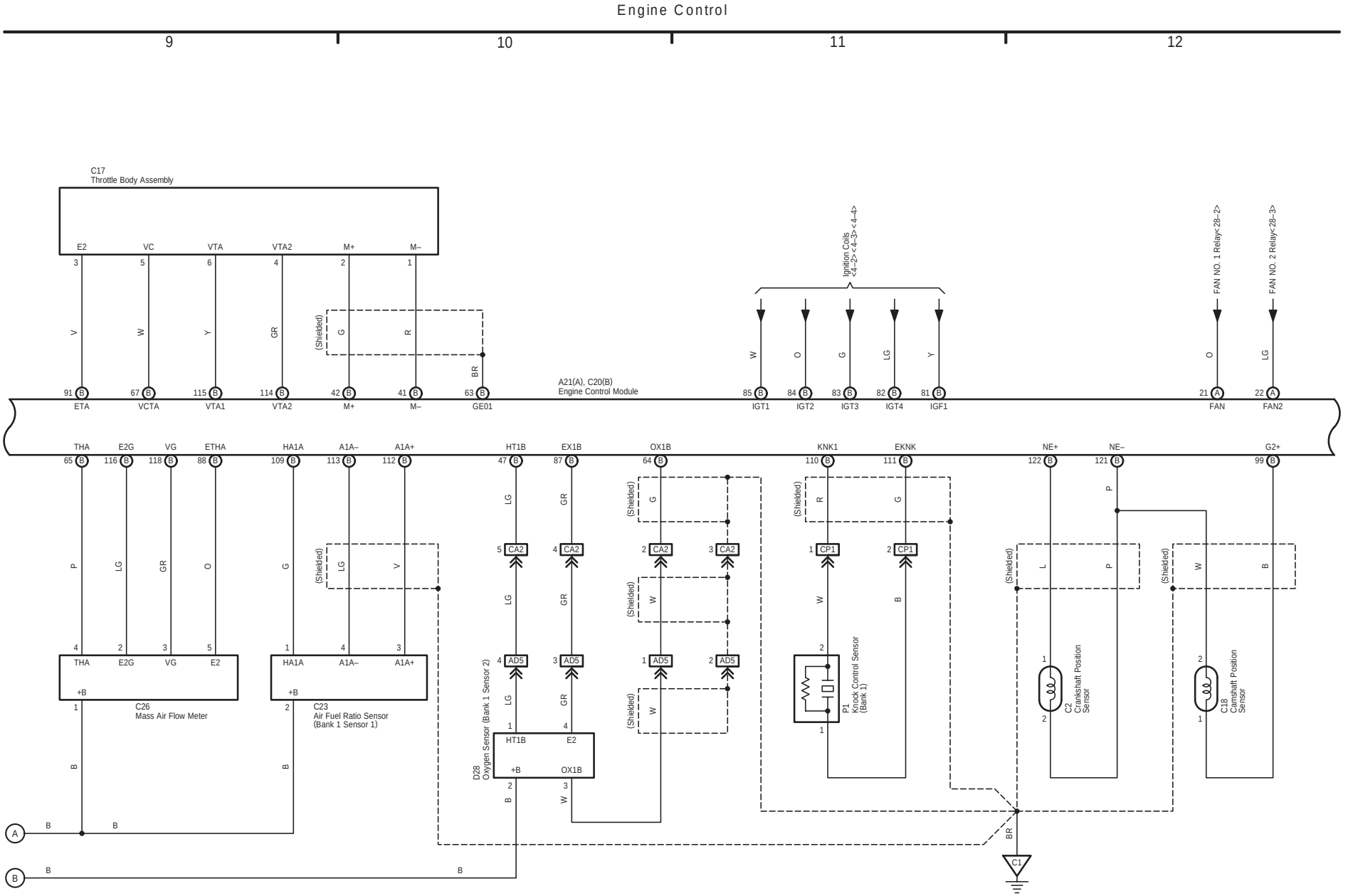

Charging
1
2
3
4
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
(BAT)
7. 5A
ALT–S
(IG)
7. 5A
MET
(IG)
10A
GAUGE
Running Light
Relay<3–7>
Charge
D1(A), D2(B), D76(C)
Combination Meter
(H/B)
(S/D)
D39
Junction Connector
SB(*1)
L(*1)
(*1)
(*2)
A/C Amplifier<29–6>
Engine Control
Module<5–15>
C30
Fusible Link Block
120A ALT
Battery
IC Regulator
C9(A), C10(B)
Generator
B
M
S
L
IG


Ignition
1
2
3
4
(BAT)
15A
AM2
D8
Ignition SW
5 AM2
IG2 6
P
ST2
GR
5 AD4
4 AD2
P
14 AA2
P
GR
11 CA1
R
R
2 1B
1 1B
4 1B
IG2
Relay
3 1B
W–B
AI
R
R
LG
BR
R
LG
R
R
C11
Ignition Coil (No. 1)
C12
Ignition Coil (No. 2)
C13
Ignition Coil (No. 3)
C14
Ignition Coil (No. 4)
+B
GND IGT IGF
IGF IGT2 GND
IGF GND IGT3
IGF GND IGT4
C25
Noise Filter
W–B
W
Y
Y
O
W–B
Y
W–B
G
L
W–B
LG
Y
Y
W–B
W–B
W–B
Y
CI
Engine Control Module
<5–11>

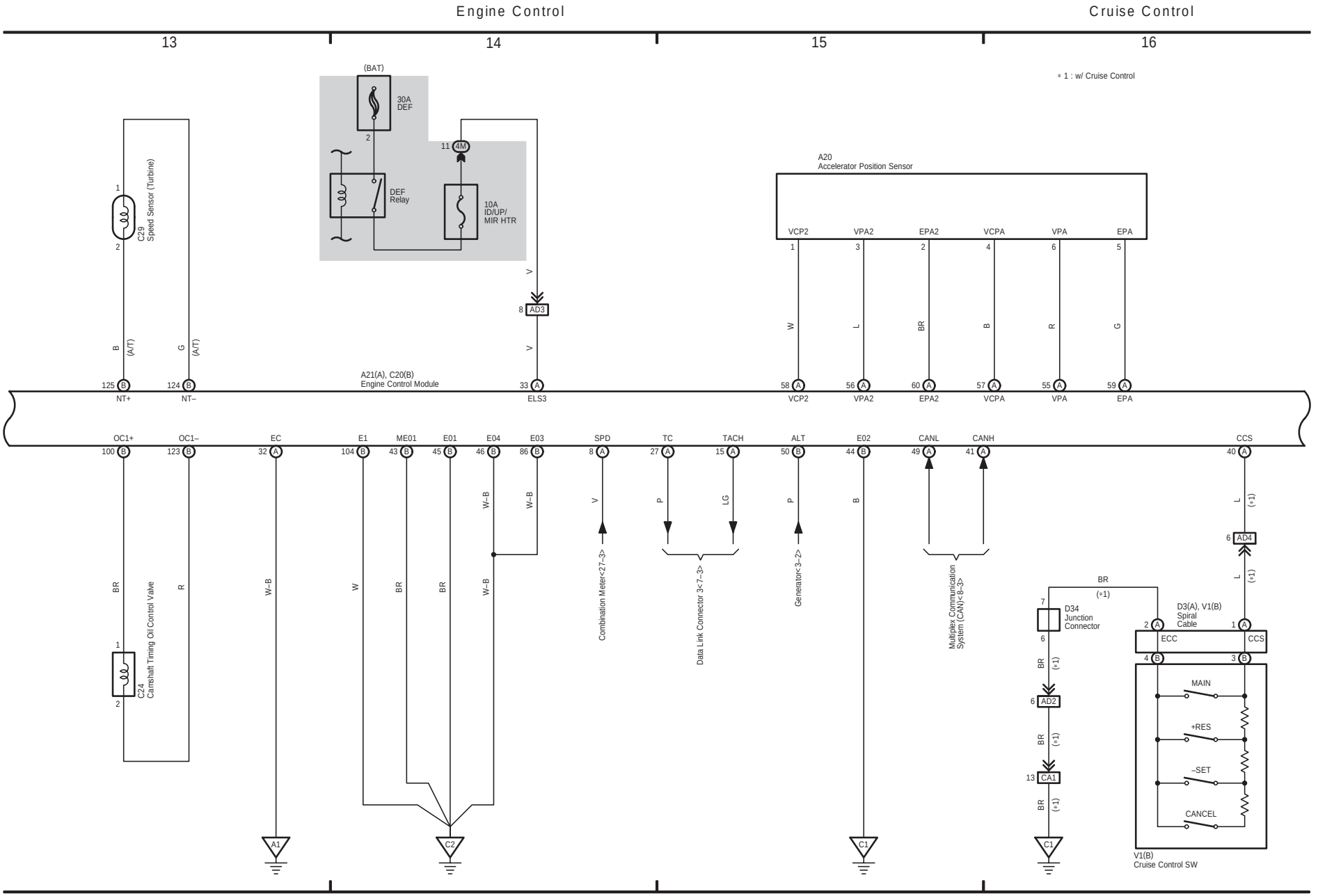

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5 YARIS
Engine Control
1
2
3
4
A
B
C
D
E
F
G
H
I
J
P
V
R
L
P
GR
SB
GR
B
Y
J5
Fuel Suction Pump and Gage Assembly
Pump
M
4
5
W–B
J1
W–B
C/OPN Relay
7.5A IGN
(IG)
8 4A
11 4E
5 4E
9 4B
27 4B
4B
4B
4B
B
V
R
B
B
AD4
5
IG2 6
ST2
AM2 5
D8 Ignition SW
GR
AD2
4
15A AM2
(BAT)
2
IG2 Relay
1B
4
2
1
3
CA1
11
AA2
14
IG2
EFI
20A EFI
(BAT)
2
EFI Relay
1A
3
4
2
1
W–B
GR
W–B
B
Y
W–B
A1
W–B
Fuel Injector (No. 4)
C7
Fuel Injector (No. 3)
C6
Fuel Injector (No. 2)
C5
Fuel Injector (No. 1)
C4
R
L
BR
P
R
R
GR
LG
SB

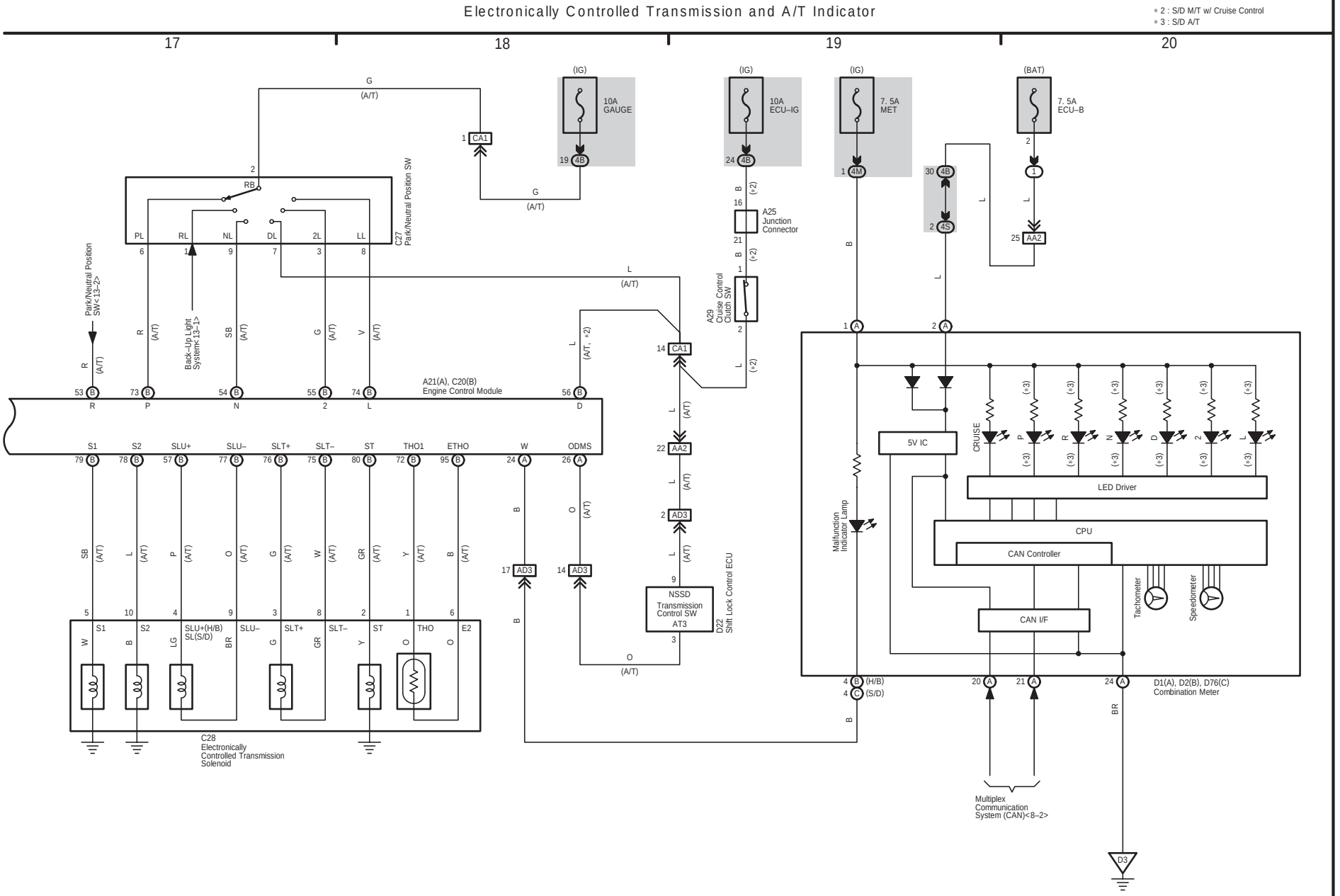
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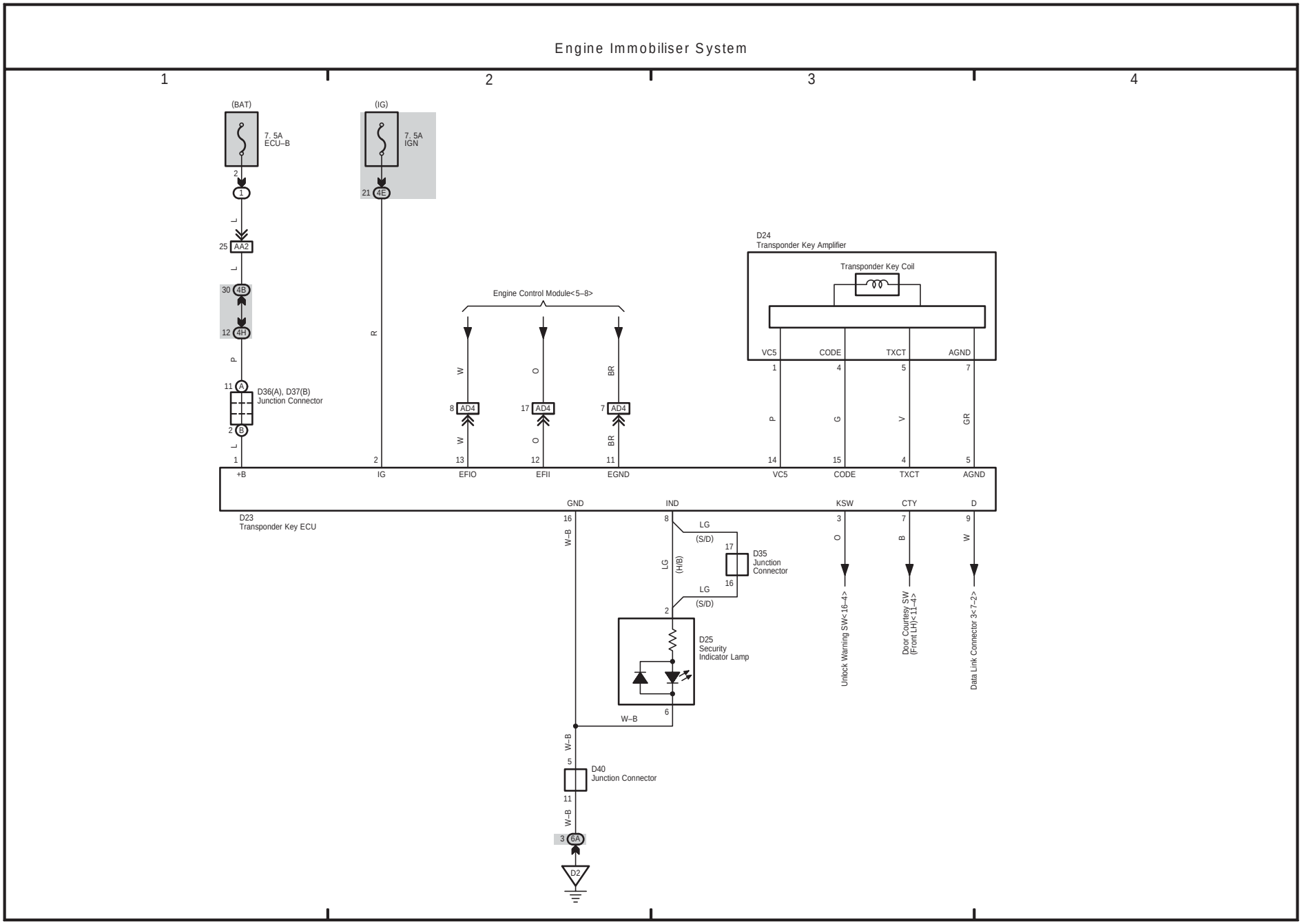


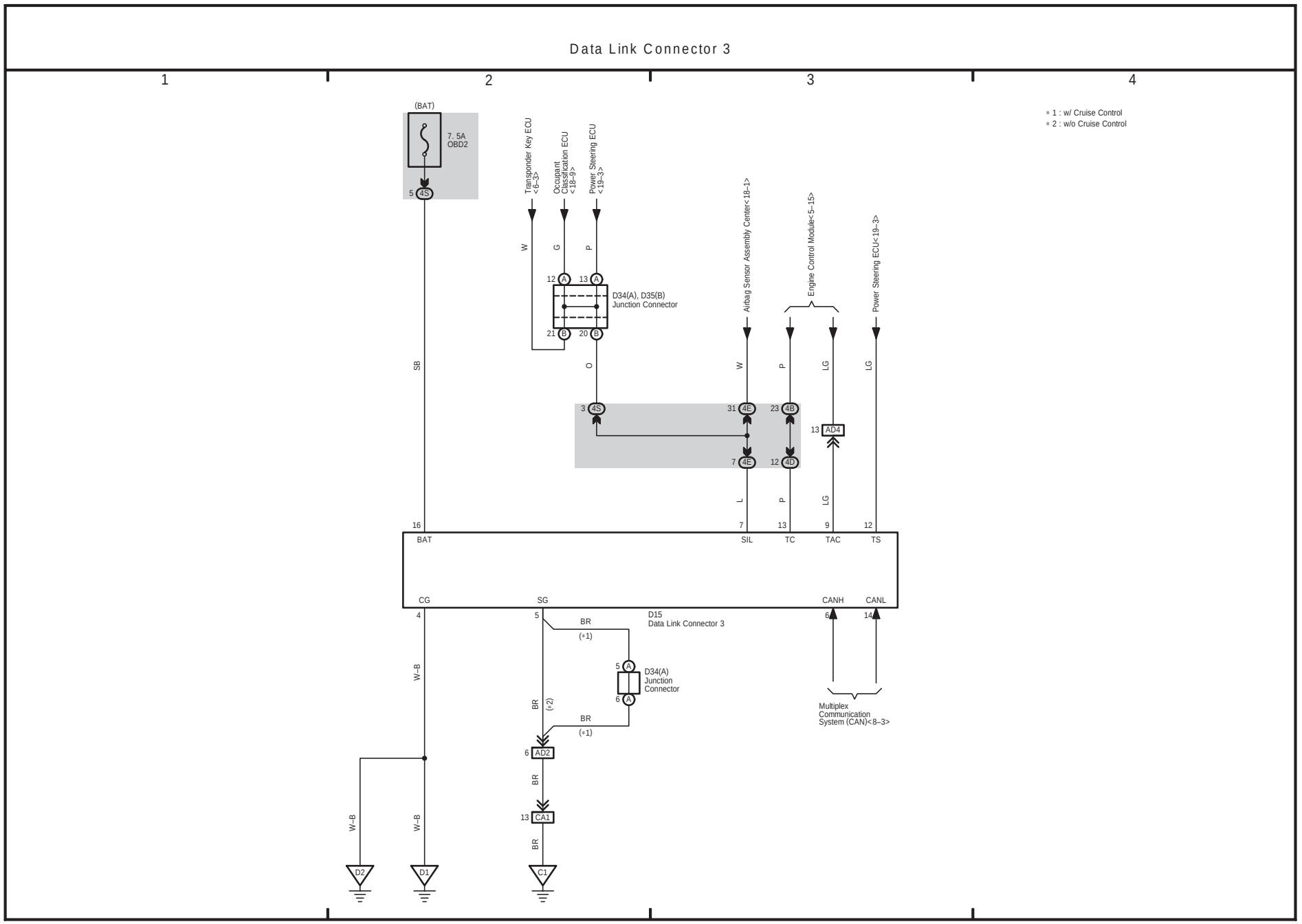

Engine Control
9
10
11
12
C17
Throttle Body Assembly
E2
VC
VTA
VTA2
M+
M–
(Shielded)
Ignition Coils
<4–2><4–3><4–4>
FAN NO. 1 Relay<28–2>
FAN NO. 2 Relay<28–3>
A21(A), C20(B)
Engine Control Module
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
IGT1
IGT2
IGT3
IGT4
IGF1
FAN
FAN2
THA
E2G
VG
ETHA
HA1A
A1A–
A1A+
HT1B
EX1B
OX1B
KNK1
EKNK
NE+
NE–
G2+
C26
Mass Air Flow Meter
C23
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
D28
Oxygen Sensor (Bank 1 Sensor 2)
P1
Knock Control Sensor
(Bank 1)
C2
Crankshaft Position
Sensor
C18
Camshaft Position
Sensor
C1

(Cont. next page)

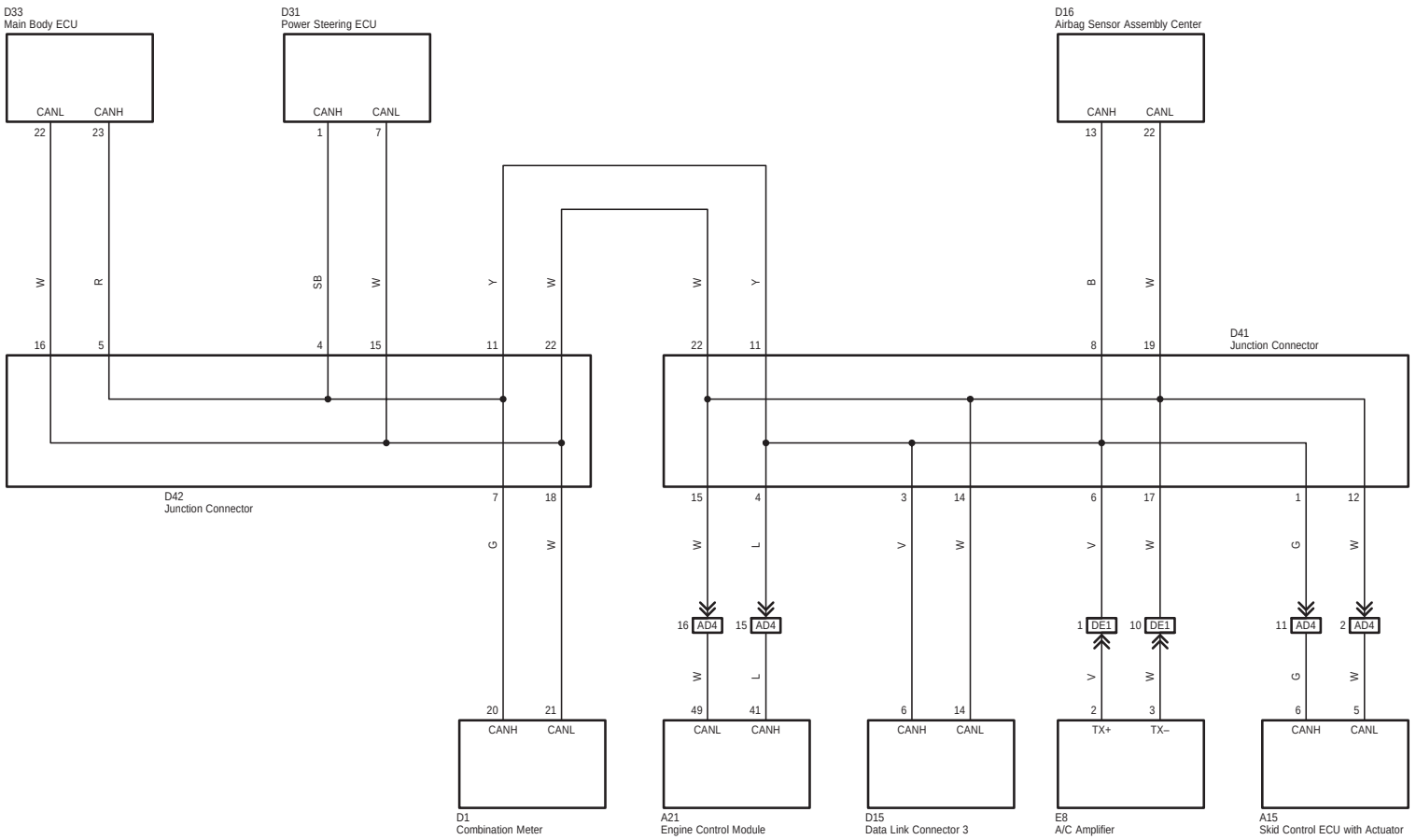



Electronically Controlled Transmission and A/T Indicator
* 2 : S/D M/T w/ Cruise Control
* 3 : S/D A/T
17
18
19
20
(IG)
10A GAUGE
10A ECU–IG
7. 5A MET
(BAT)
7. 5A ECU–B
G (A/T)
CA1
RB
PL
RL
NL
DL
2L
LL
C27 Park/Neutral Position SW
Park/Neutral Position SW<13–2>
Back–Up Light System<13–1>
A25 Junction Connector
A29 Cruise Control Clutch SW
A21(A), C20(B) Engine Control Module
R
P
N
2
L
D
S1
S2
SLU+
SLU–
SLT+
SLT–
ST
THO1
ETHO
W
ODMS
AA2
AD3
NSSD Transmission Control SW AT3
D22 Shift Lock Control ECU
C28 Electronically Controlled Transmission Solenoid
S1
S2
SLU+(H/B) SL(S/D)
SLU–
SLT+
SLT–
ST
THO
E2
5V IC
CRUISE
LED Driver
CPU
CAN Controller
CAN I/F
Malfunction Indicator Lamp
Tachometer
Speedometer
(H/B)
(S/D)
D1(A), D2(B), D76(C) Combination Meter
Multiplex Communication System (CAN)<8–2>
D3


Engine Immobiliser System
1
2
3
4
(BAT)
7. 5A
ECU–B
(IG)
7. 5A
IGN
Engine Control Module<5–8>
D24
Transponder Key Amplifier
Transponder Key Coil
VC5
CODE
TXCT
AGND
D36(A), D37(B)
Junction Connector
+B
IG
EFIO
EFII
EGND
D23
Transponder Key ECU
GND
IND
KSW
CTY
D
D35
Junction
Connector
D25
Security
Indicator Lamp
D40
Junction Connector
D2
Unlock Warning SW<16–4>
Door Courtesy SW
(Front LH)<11–4>
Data Link Connector 3<7–2>

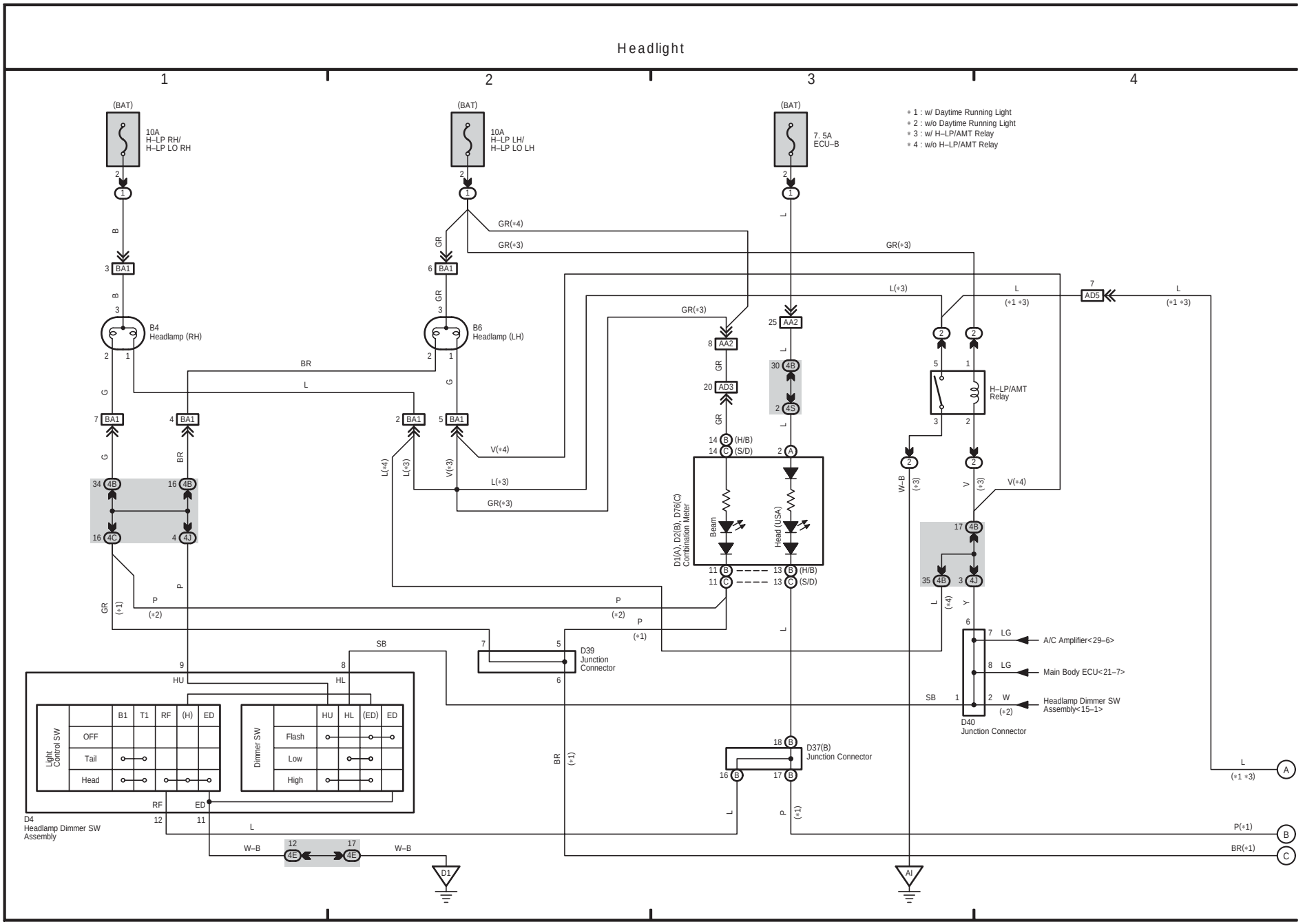

Data Link Connector 3
1
2
3
4
(BAT)
7. 5A
OBD2
5 4S
Transponder Key ECU <6–3>
Occupant Classification ECU <18–9>
Power Steering ECU <19–3>
W
G
P
12 A
13 A
D34(A), D35(B) Junction Connector
21 B
20 B
O
SB
3 4S
Airbag Sensor Assembly Center<18–1>
Engine Control Module<5–15>
Power Steering ECU<19–3>
W
P
LG
LG
31 4E
23 4B
13 AD4
7 4E
12 4D
L
P
LG
16
BAT
7
SIL
13
TC
9
TAC
12
TS
CG
SG
CANH
CANL
4
5
6
14
D15
Data Link Connector 3
BR
(+1)
5 A
D34(A)
Junction
Connector
6 A
W–B
BR
(+2)
BR
(+1)
Multiplex
Communication
System (CAN)<8–3>
6 AD2
BR
13 CA1
BR
W–B
W–B
D2
D1
C1
∗ 1 : w/ Cruise Control
∗ 2 : w/o Cruise Control

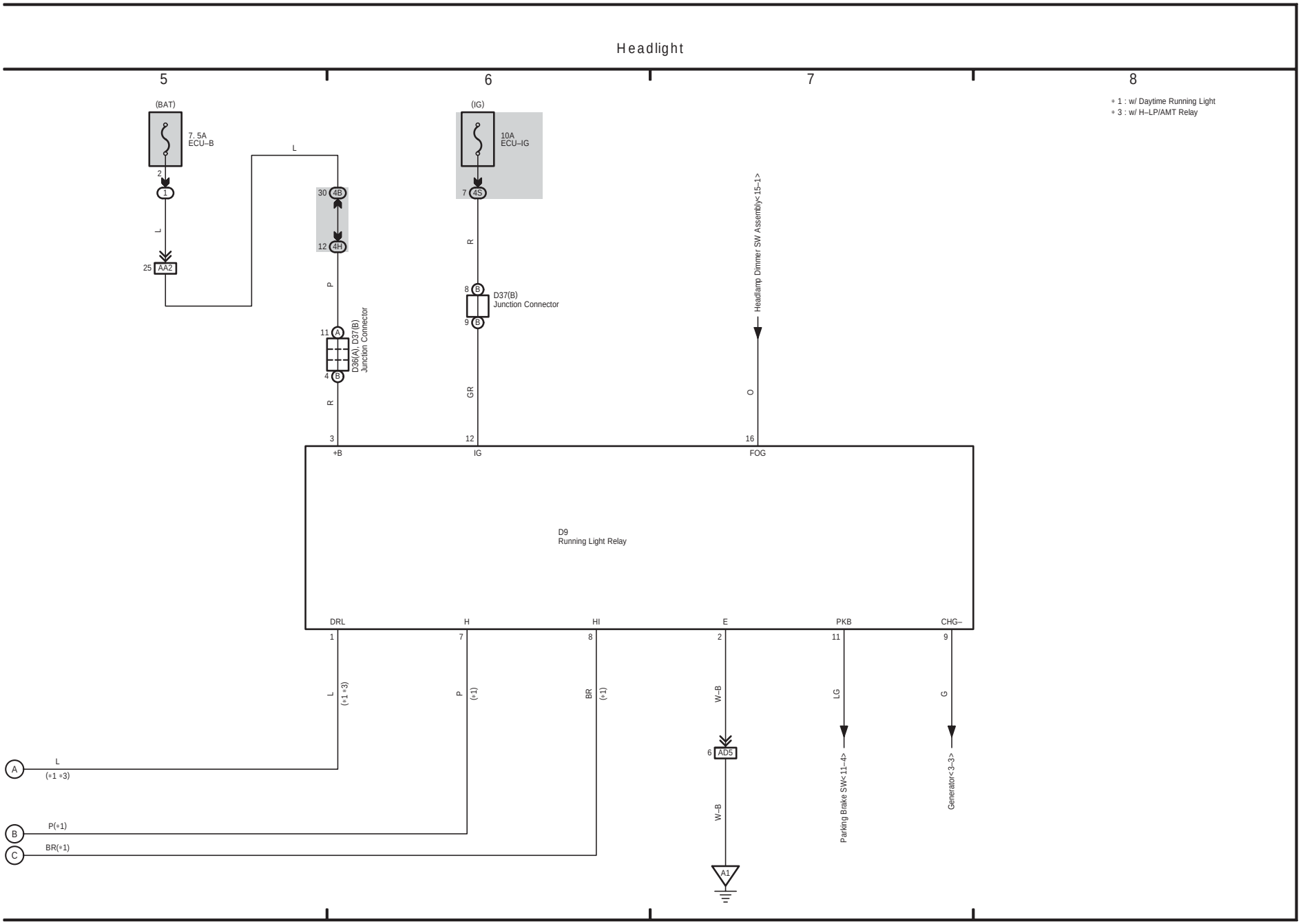
Multiplex Communication System (CAN)

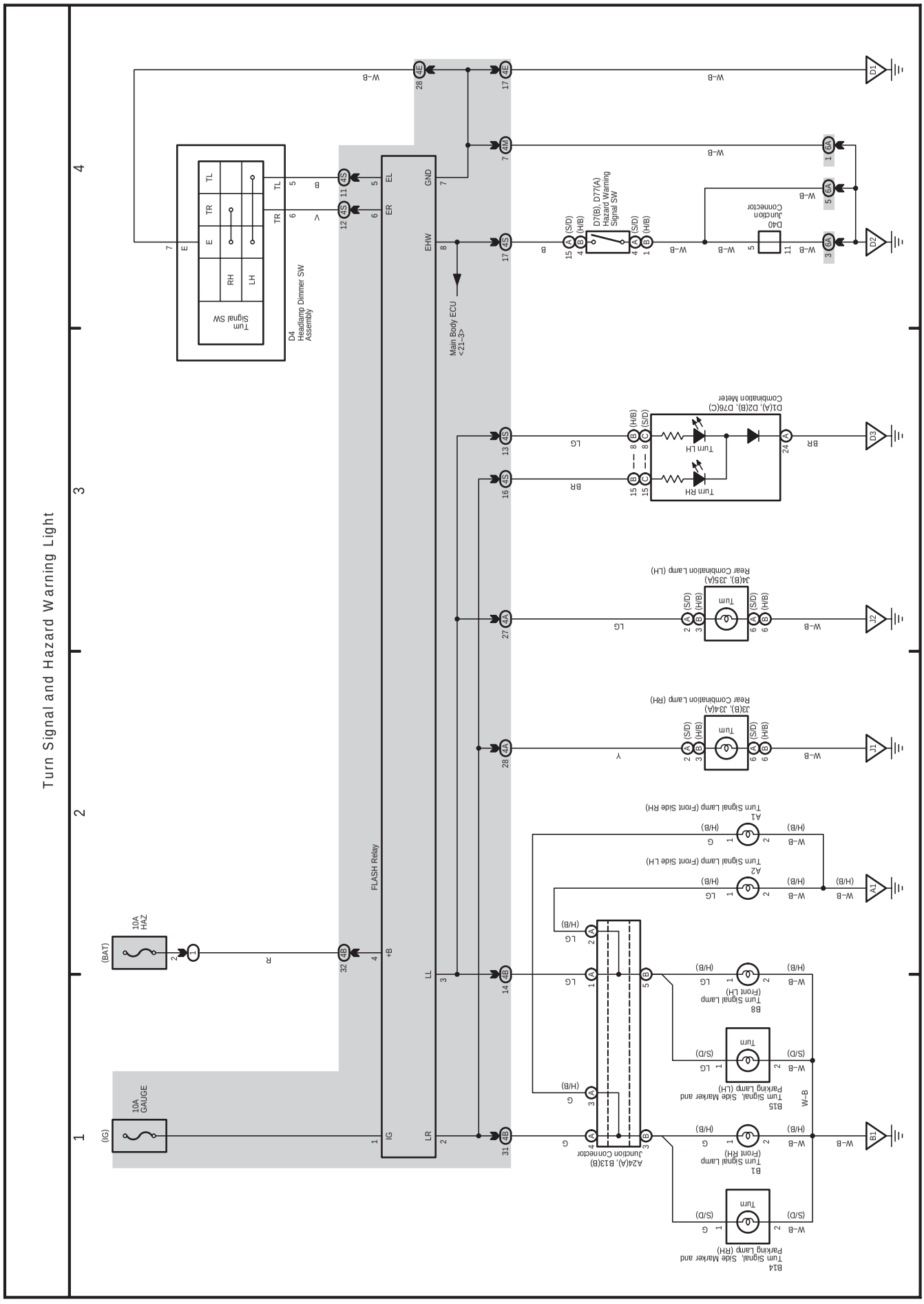


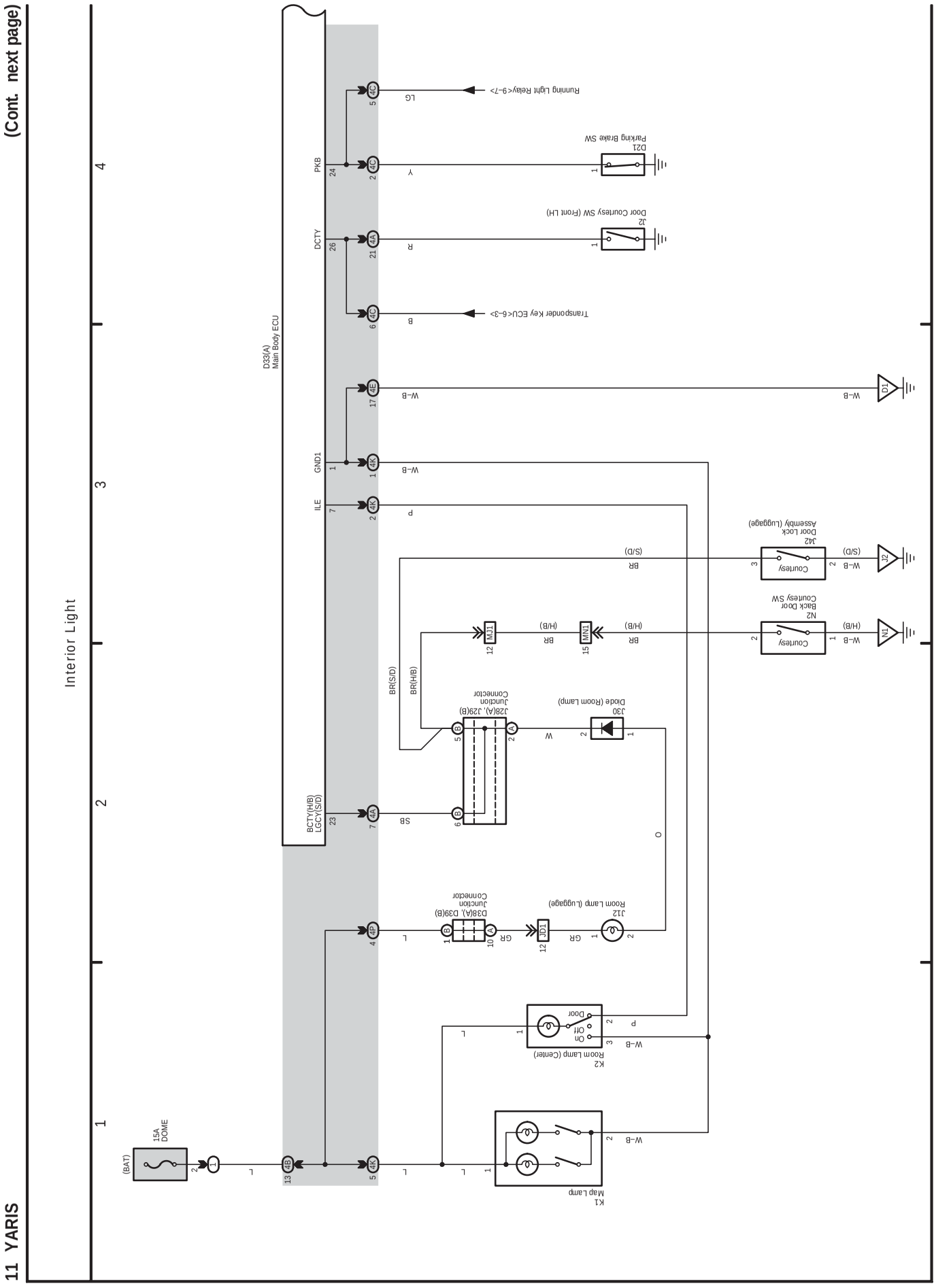
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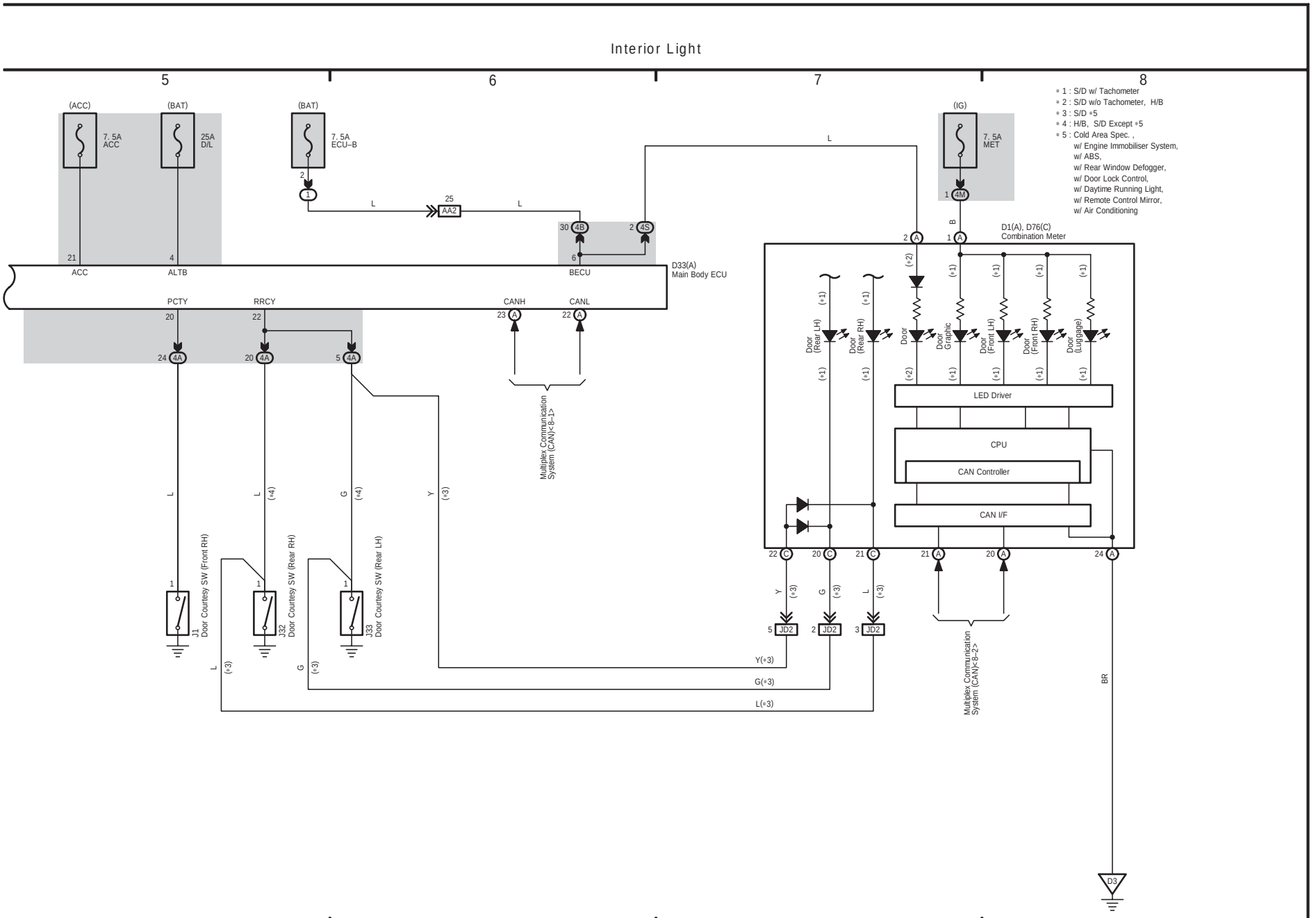
Headlight




Headlight
5
6
7
8
* 1 : w/ Daytime Running Light
* 3 : w/ H–LP/AMT Relay
(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
30 4B
12 4H
P
11 A
4 B
D36(A), D37(B)
Junction Connector
R
3
+B
(IG)
10A
ECU–IG
7 4S
R
8 B
D37(B)
Junction Connector
9 B
GR
12
IG
Headlamp Dimmer SW Assembly<15–1>
O
16
FOG
D9
Running Light Relay
DRL
H
HI
E
PKB
CHG–
1
7
8
2
11
9
L
(*1 *3)
P
(*1)
BR
(*1)
W–B
LG
G
6 AD5
W–B
A1
Parking Brake SW<11–4>
Generator<3–3>
A
L
(*1 *3)
B
P(*1)
C
BR(*1)

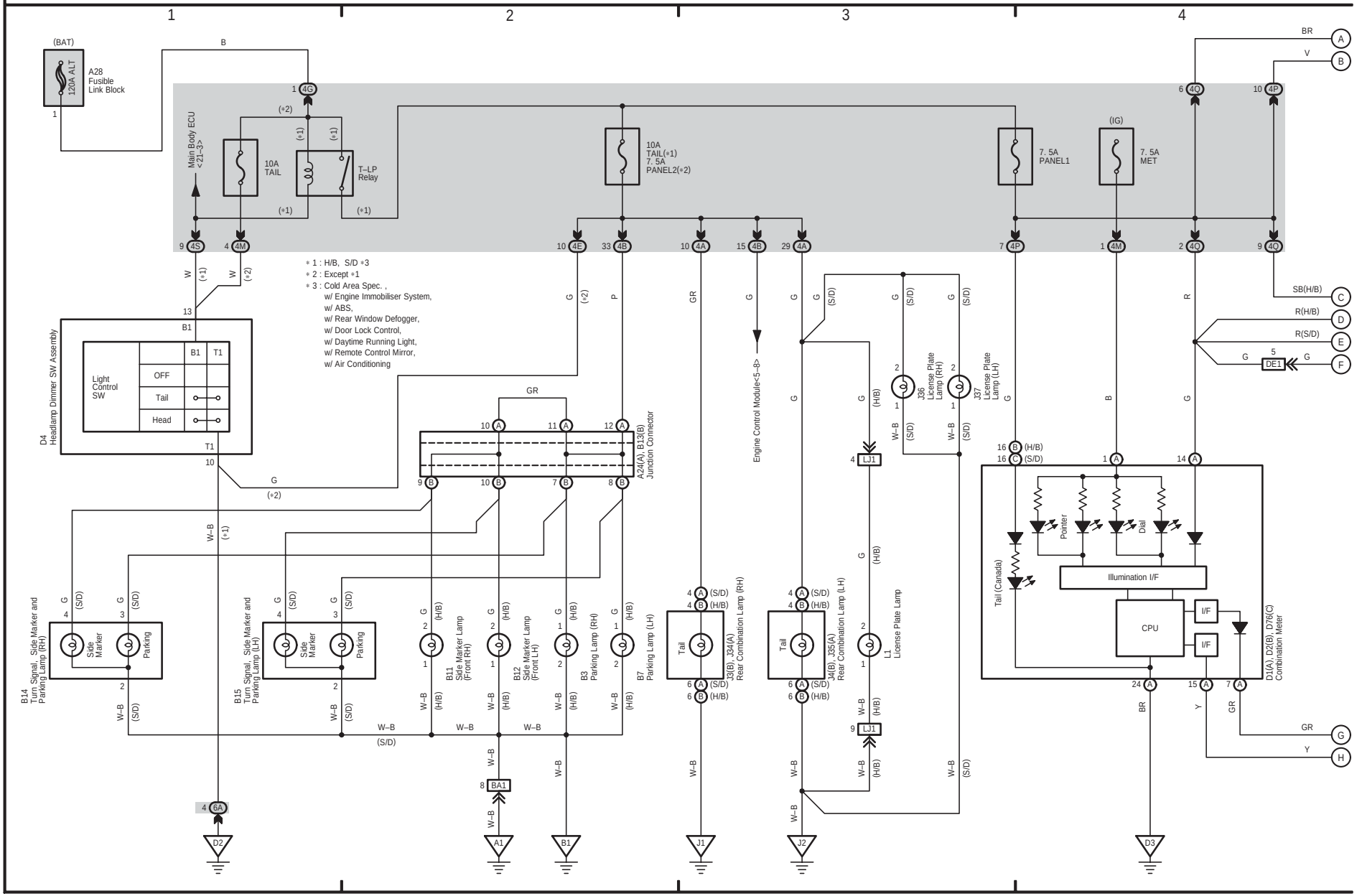

Turn Signal and Hazard Warning Light
10 YARIS
D4
Headlamp Dimmer SW
Assembly
Turn Signal SW
RH
LH
E
TR
TL
Main Body ECU
<21-3>
FLASH Relay
IG
LR
LL
+B
EHW
GND
EL
ER
10A
GAUGE
10A
HAZ
(IG)
(BAT)
D7(B), D77(A)
Hazard Warning
Signal SW
Junction
Connector
D40
Combination Meter
D1(A), D2(B), D76(C)
Turn LH
Turn RH
Rear Combination Lamp (RH)
J3(B), J34(A)
Rear Combination Lamp (LH)
J4(B), J35(A)
Turn Signal Lamp (Front Side RH)
A1
Turn Signal Lamp (Front Side LH)
A2
Junction Connector
A24(A), B13(B)
Turn Signal Lamp
(Front RH)
B1
Turn Signal Lamp
(Front LH)
B8
Turn Signal, Side Marker and
Parking Lamp (LH)
B15
Turn Signal, Side Marker and
Parking Lamp (RH)
B14
W-B
Turn
(S/D)
(H/B)
W-B
LG
BR
G
R
Y
V
B
1
2
3
4
5
6
7
8
A
B
C

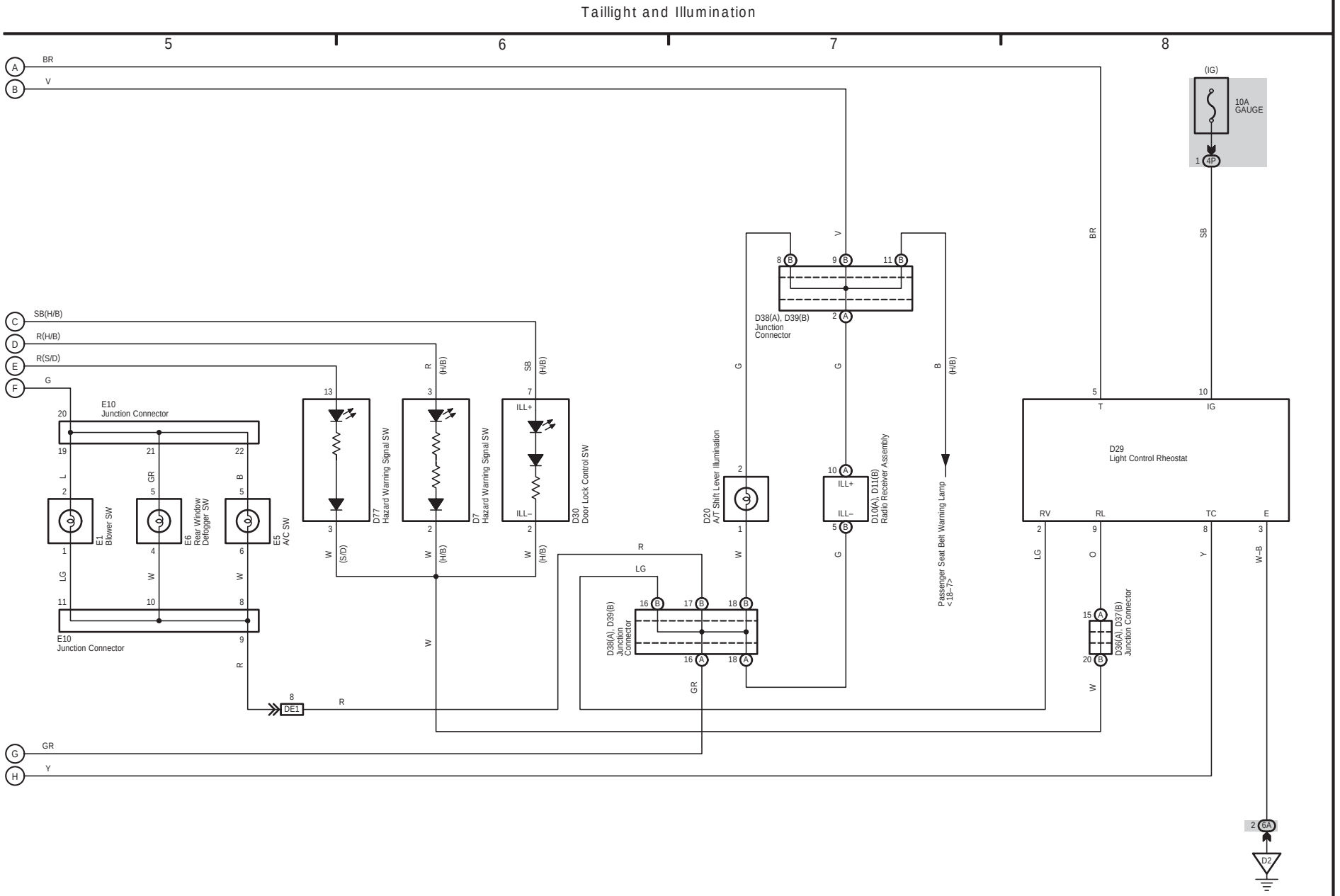

(Cont. next page)
Interior Light
11 YARIS
1
2
3
4
D33(A)
Main Body ECU
PKB
DCTY
GND1
ILE
BCTY(H/B)
LGCY(S/D)
Running Light Relay<9-7>
Parking Brake SW
D21
Door Courtesy SW (Front LH)
J2
Transponder Key ECU<6-3>
D1
J42
Door Lock
Assembly (Luggage)
Courtesy
J2
(S/D)
N2
Back Door
Courtesy SW
N1
(H/B)
J28(A), J29(B)
Junction
Connector
J30
Diode (Room Lamp)
J38(A), D39(B)
Junction
Connector
J12
Room Lamp (Luggage)
K2
Room Lamp (Center)
Door
ON
OFF
K1
Map Lamp
15A
DOME
(BAT)

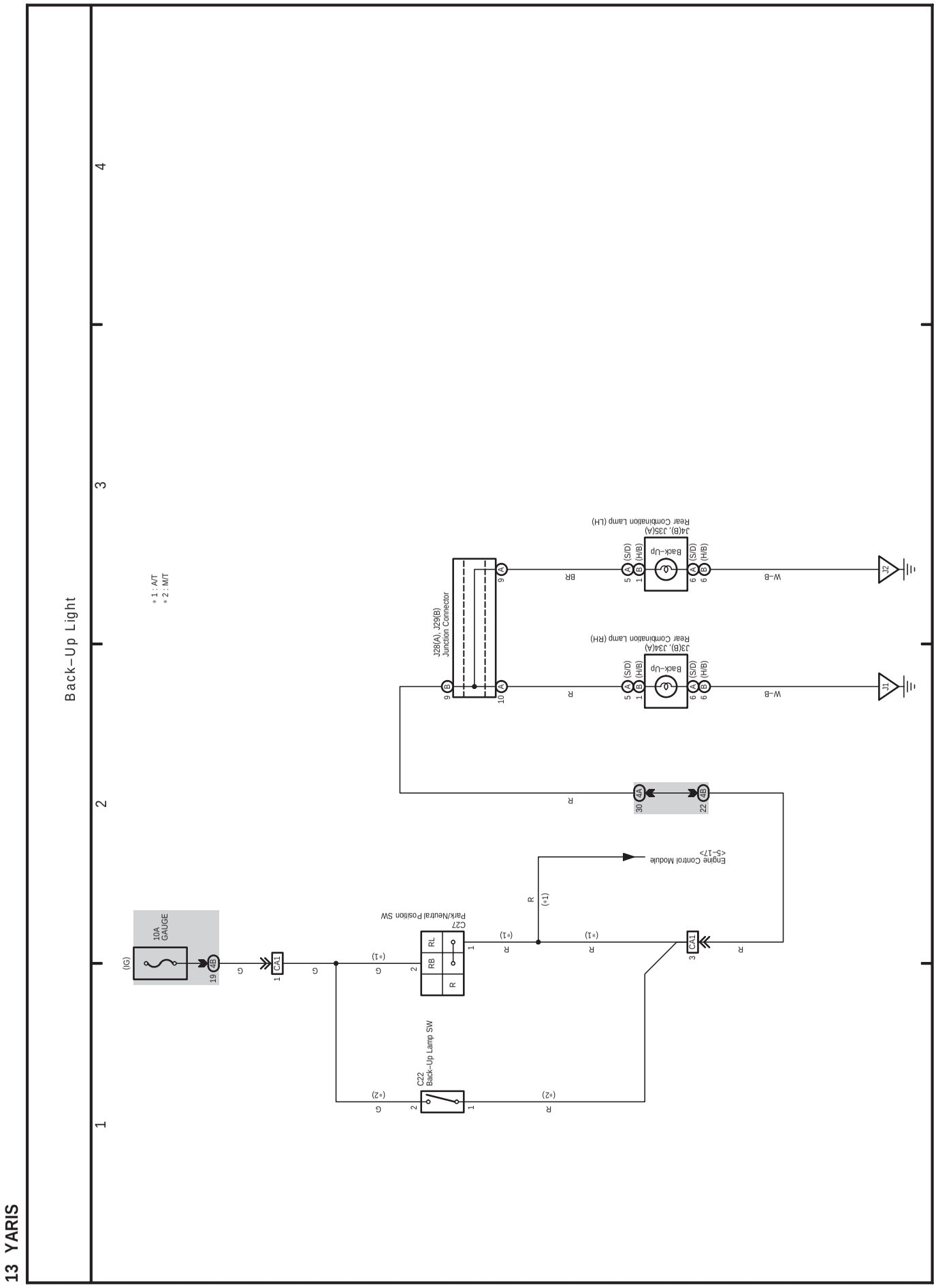

Interior Light
5
6
7
8
(ACC)
(BAT)
(BAT)
(IG)
7. 5A ACC
25A D/L
7. 5A ECU–B
7. 5A MET
21
4
2
1
25
AA2
30 4B
2 4S
6
4M
ACC
ALTB
BECU
D33(A) Main Body ECU
D1(A), D76(C) Combination Meter
PCTY
RRCY
CANH
CANL
20
22
23 A
22 A
24 4A
20 4A
5 4A
Multiplex Communication System (CAN)<8–1>
Door (Rear LH)
Door (Rear RH)
Door
Door Graphic
Door (Front LH)
Door (Front RH)
Door (Luggage)
LED Driver
CPU
CAN Controller
CAN I/F
J1 Door Courtesy SW (Front RH)
J32 Door Courtesy SW (Rear RH)
J33 Door Courtesy SW (Rear LH)
JD2
Multiplex Communication System (CAN)<8–2>
D3
BR
Y(*3)
G(*3)
L(*3)
* 1 : S/D w/ Tachometer
* 2 : S/D w/o Tachometer, H/B
* 3 : S/D *5
* 4 : H/B, S/D Except *5
* 5 : Cold Area Spec. ,
w/ Engine Immobiliser System,
w/ ABS,
w/ Rear Window Defogger,
w/ Door Lock Control,
w/ Daytime Running Light,
w/ Remote Control Mirror,
w/ Air Conditioning

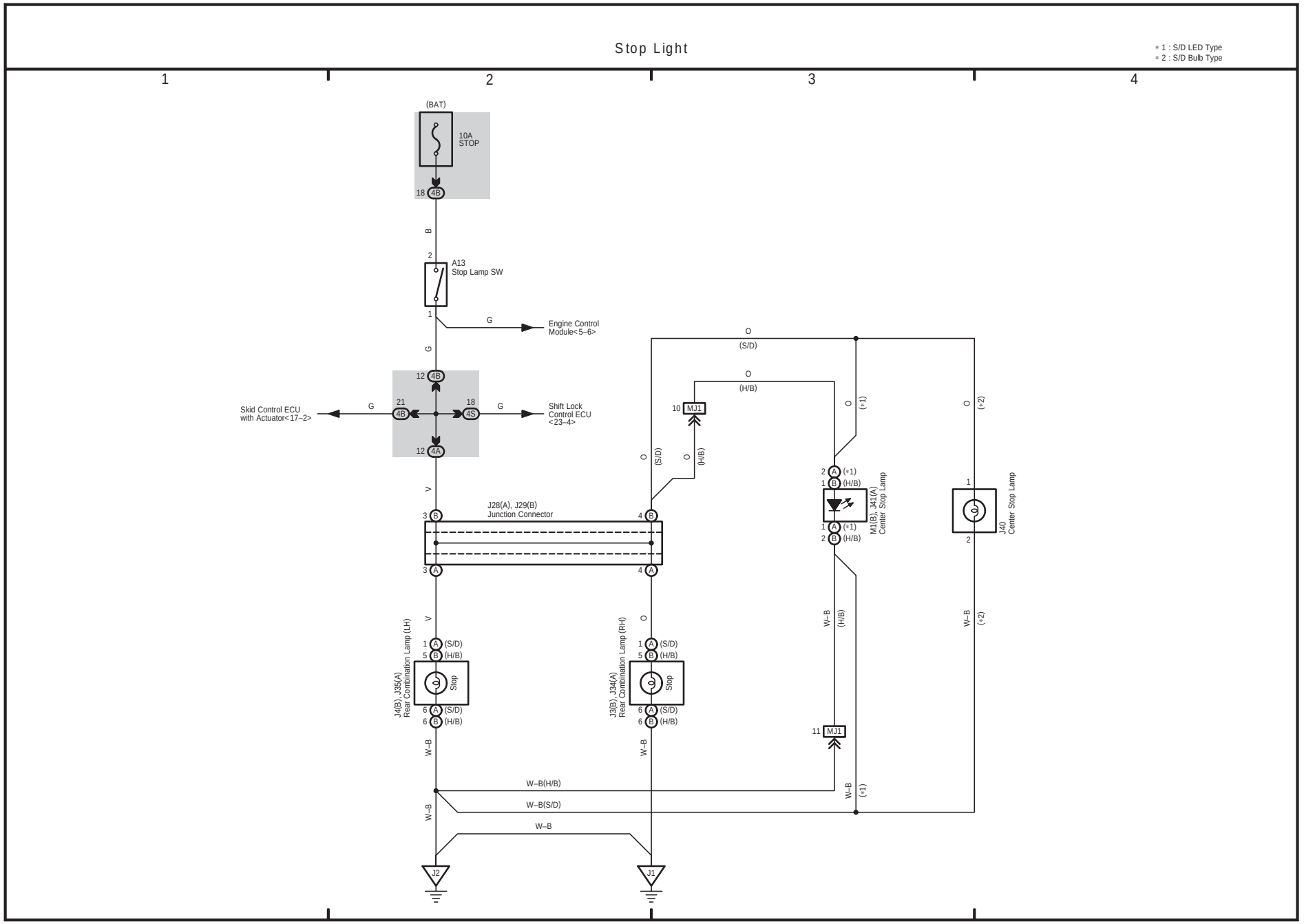
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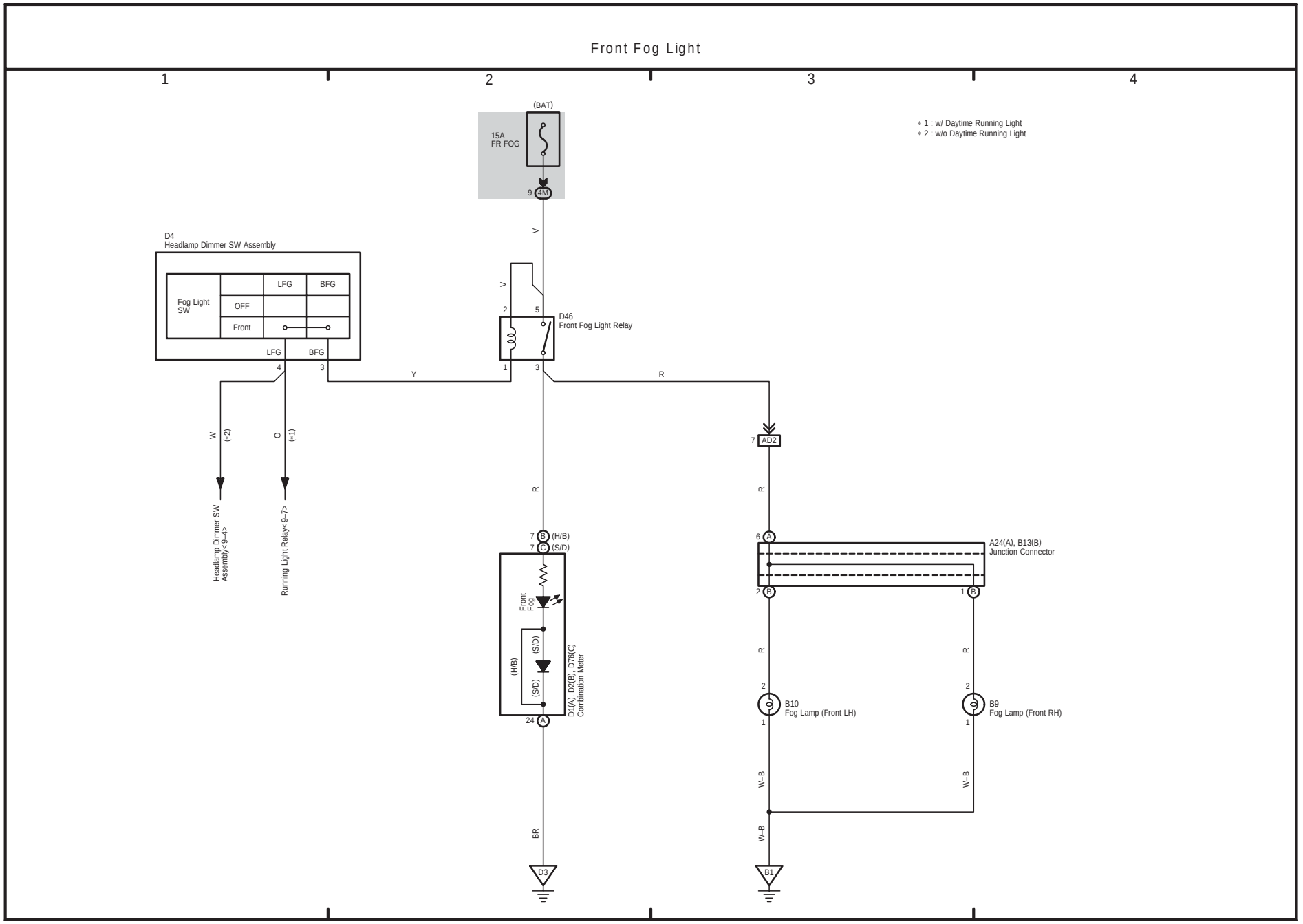
Taillight and Illumination

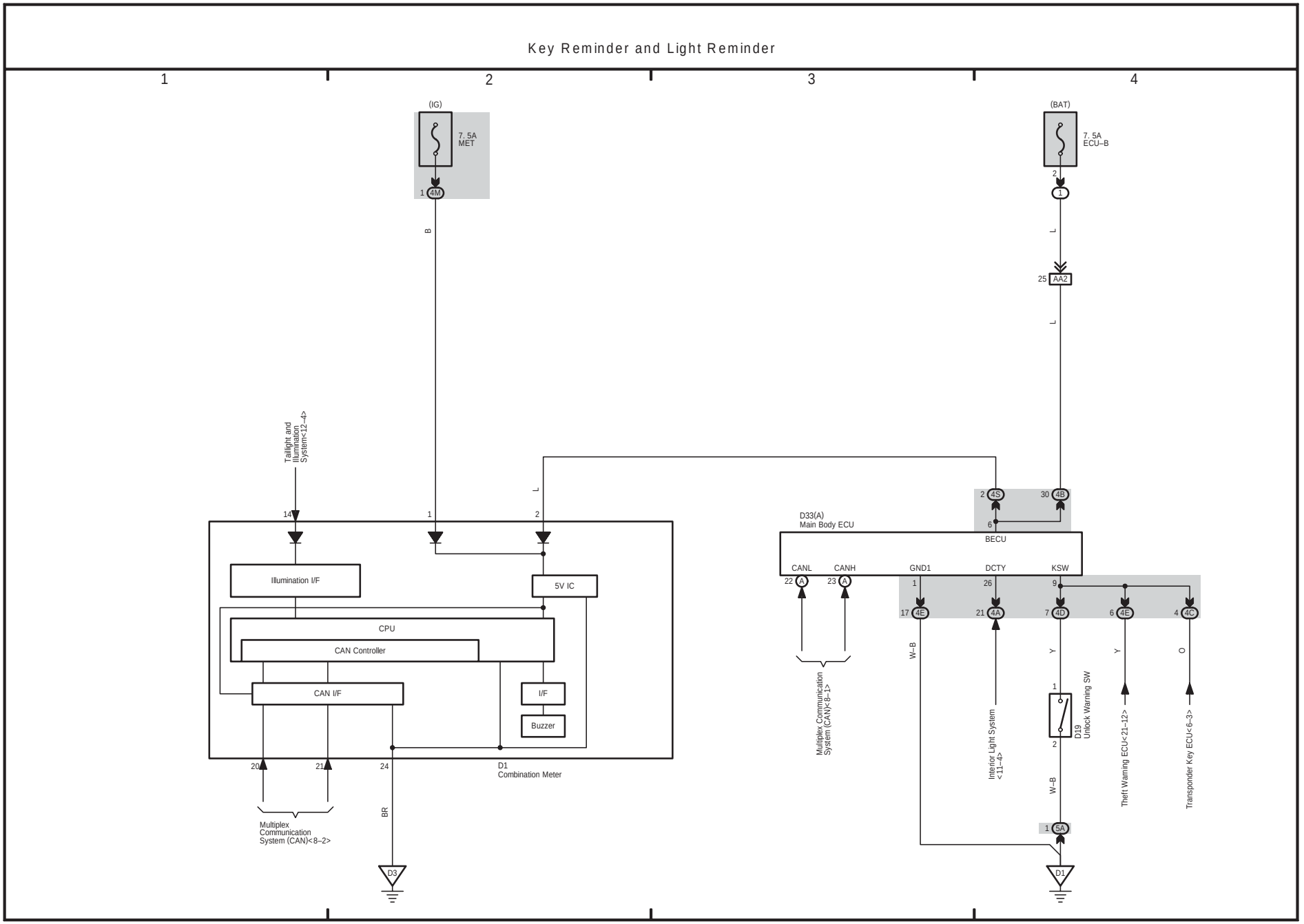


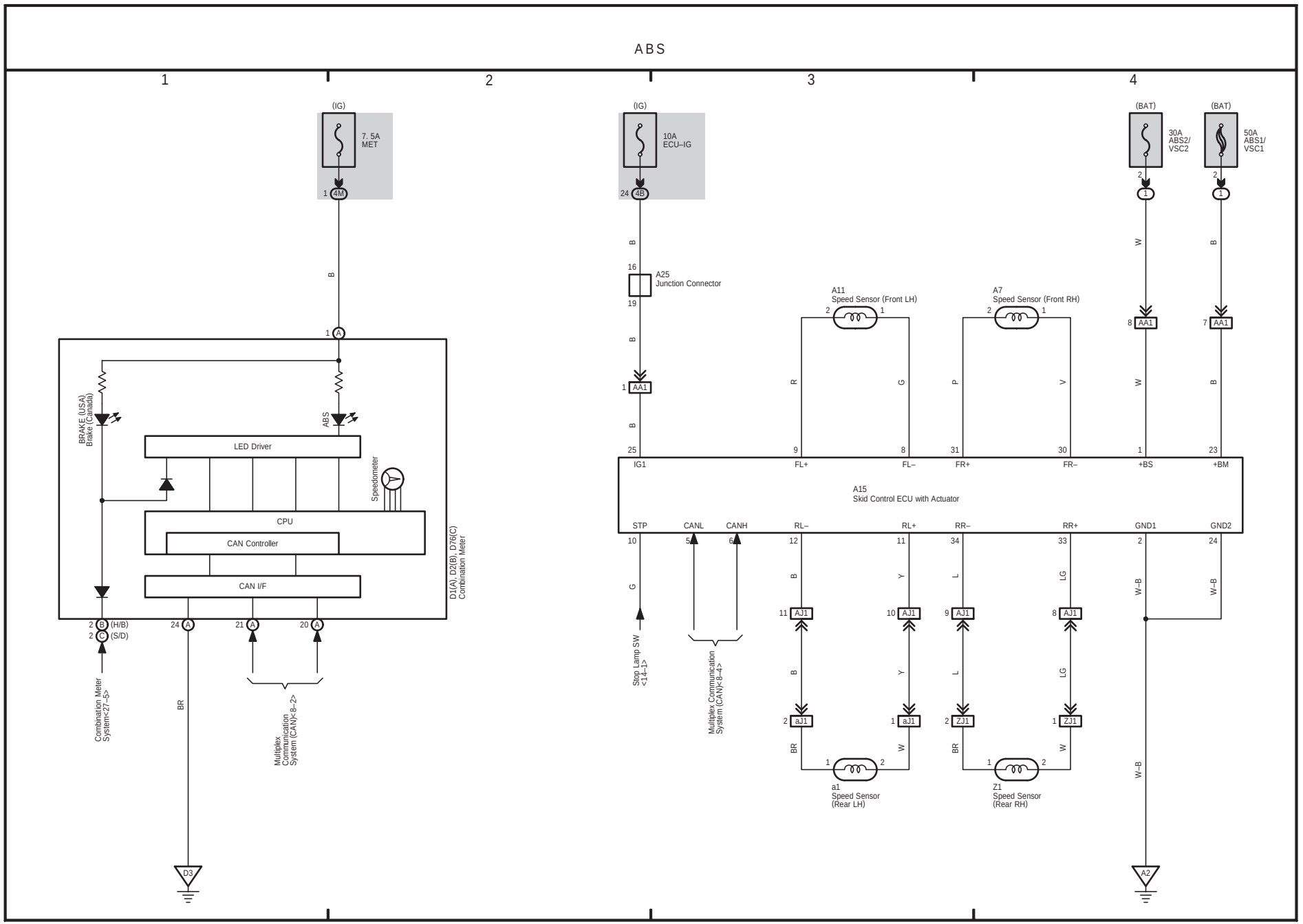

Taillight and Illumination
5
6
7
8
BR
V
(IG)
10A
GAUGE
4P
SB
SB(H/B)
R(H/B)
R(S/D)
G
E10
Junction Connector
E1
Blower SW
E6
Rear Window
Defogger SW
E5
A/C SW
D77
Hazard Warning Signal SW
D7
Hazard Warning Signal SW
D30
Door Lock Control SW
D38(A), D39(B)
Junction
Connector
D20
A/T Shift Lever Illumination
D10(A), D11(B)
Radio Receiver Assembly
Passenger Seat Belt Warning Lamp
<18–7>
D29
Light Control Rheostat
T
IG
RV
RL
TC
E
D36(A), D37(B)
Junction Connector
DE1
6A
D2
GR
Y


Back–Up Light
1
2
3
4
* 1 : A/T
* 2 : M/T
Rear Combination Lamp (LH)
J4(B), J35(A)
Back–Up
Rear Combination Lamp (RH)
J3(B), J34(A)
Back–Up
J28(A), J29(B)
Junction Connector
Engine Control Module
<5–17>
Park/Neutral Position SW
C27
RL
RB
R
Back–Up Lamp SW
C22
10A
GAUGE
(IG)
CA1
J1
J2
W–B
BR
R
G
(*1)
(*2)
(+1)
(S/D)
(H/B)

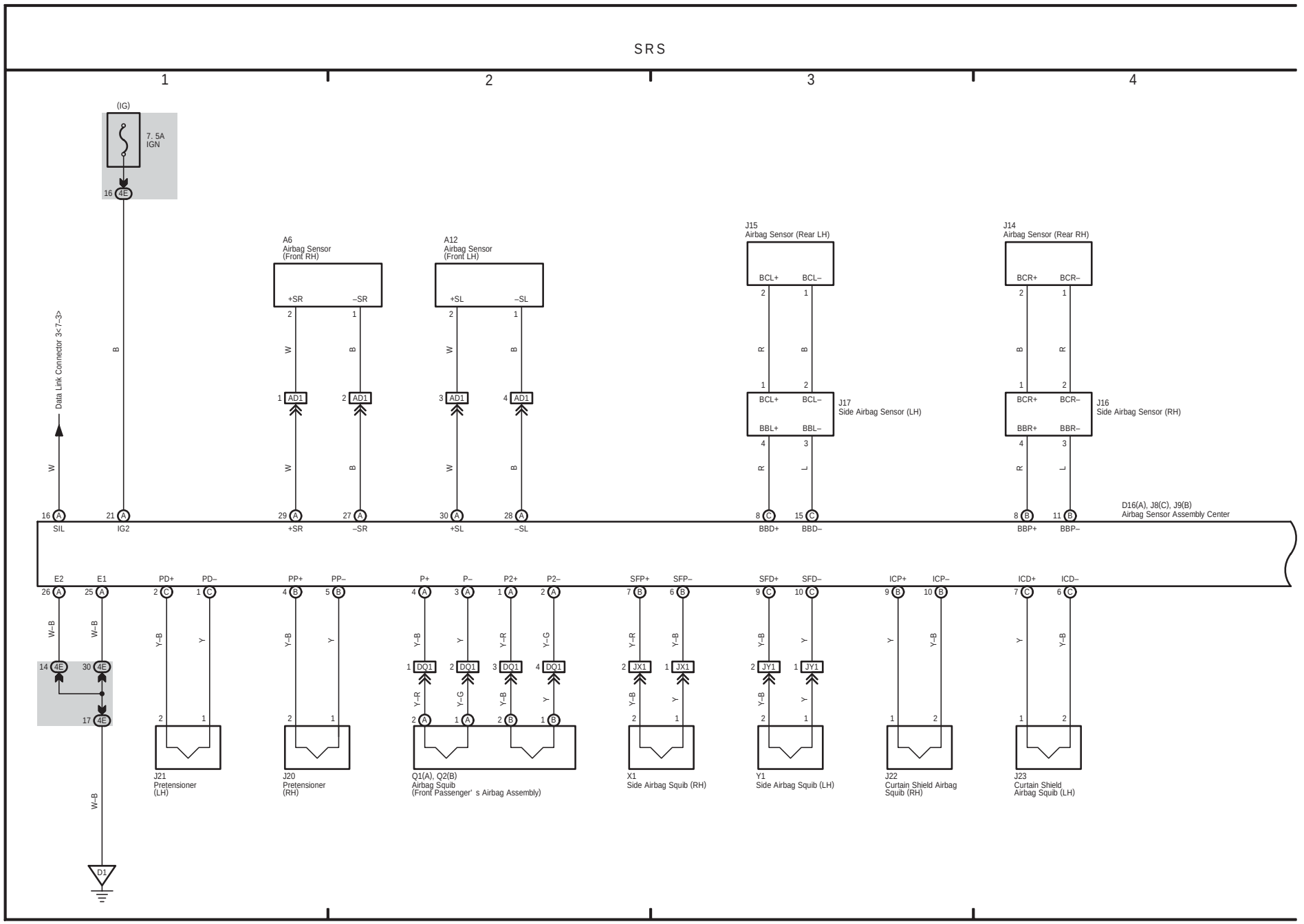

Stop Light
* 1 : S/D LED Type
* 2 : S/D Bulb Type
1
2
3
4
(BAT)
10A
STOP
18 4B
B
2
A13
Stop Lamp SW
1
G
Engine Control
Module<5–6>
G
12 4B
Skid Control ECU
with Actuator<17–2>
G
21
4B
18
4S
G
Shift Lock
Control ECU
<23–4>
12 4A
V
3 B
J28(A), J29(B)
Junction Connector
4 B
3 A
4 A
O
(S/D)
O
(H/B)
10 MJ1
O
(*1)
O
(*2)
2 A (*1)
1 B (H/B)
M41(B), J41(A)
Center Stop Lamp
1 A (*1)
2 B (H/B)
1
J40
Center Stop Lamp
2
V
O
1 A (S/D)
5 B (H/B)
J4(B), J35(A)
Rear Combination Lamp (LH)
Stop
6 A (S/D)
6 B (H/B)
1 A (S/D)
5 B (H/B)
J3(B), J34(A)
Rear Combination Lamp (RH)
Stop
6 A (S/D)
6 B (H/B)
W–B
(H/B)
W–B
(*2)
11 MJ1
W–B
W–B
W–B(H/B)
W–B
(*1)
W–B(S/D)
W–B
J2
J1


Front Fog Light
1
2
3
4
(BAT)
15A
FR FOG
9 4M
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
D4
Headlamp Dimmer SW Assembly
Fog Light SW
OFF
Front
LFG
BFG
V
2 5
D46
Front Fog Light Relay
1 3
Y
R
W (*2)
O (*1)
Headlamp Dimmer SW Assembly<9-4>
Running Light Relay<9-7>
7 AD2
7 B (H/B)
7 C (S/D)
Front Fog
(H/B)
(S/D)
(S/D)
D1(A), D2(B), D76(C)
Combination Meter
24 A
6 A
2 B
1 B
A24(A), B13(B)
Junction Connector
2
1
B10
Fog Lamp (Front LH)
B9
Fog Lamp (Front RH)
W-B
BR
D3
B1

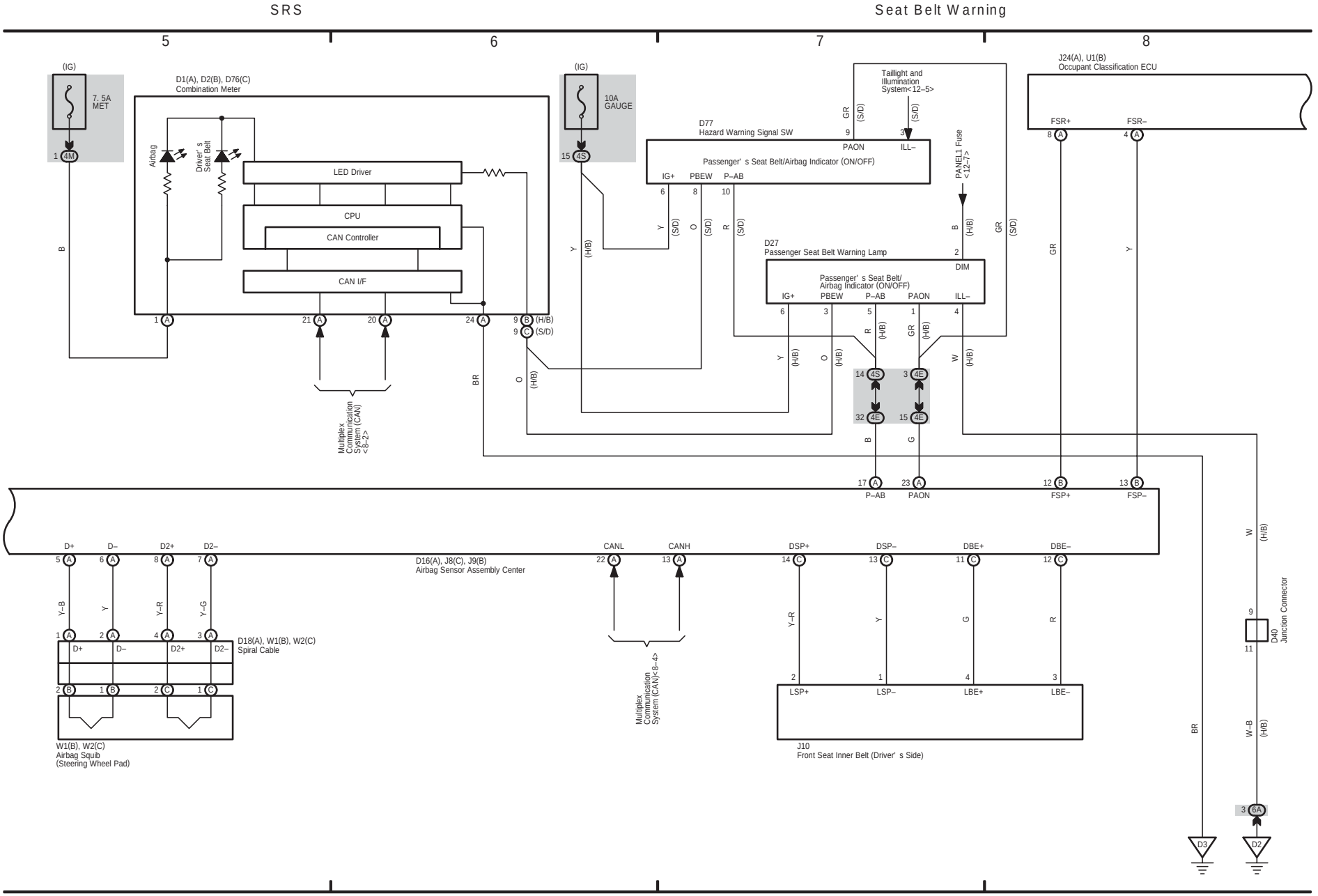

Key Reminder and Light Reminder
1
2
3
4
(IG)
7. 5A
MET
1 4M
B
(BAT)
7. 5A
ECU–B
2
1
L
25 AA2
L
Taillight and
Illumination
System<12–4>
14
1
2
L
2 4S
30 4B
6
D33(A)
Main Body ECU
BECU
CANL
CANH
GND1
DCTY
KSW
22 A
23 A
1
26
9
17 4E
21 4A
7 4D
6 4E
4 4C
Illumination I/F
5V IC
CPU
CAN Controller
CAN I/F
I/F
Buzzer
W–B
Y
Y
O
1
2
D19
Unlock Warning SW
Multiplex Communication
System (CAN)<8–1>
Interior Light System
<11–4>
Theft Warning ECU<21–12>
Transponder Key ECU<6–3>
W–B
1 5A
D1
20
21
24
D1
Combination Meter
BR
Multiplex
Communication
System (CAN)<8–2>
D3


ABS
1
2
3
4
(IG)
7. 5A
MET
1 4M
B
1 A
BRAKE (USA)
Brake (Canada)
ABS
LED Driver
Speedometer
CPU
CAN Controller
CAN I/F
D1(A), D2(B), D76(C)
Combination Meter
2 B (H/B)
2 C (S/D)
24 A
21 A
20 A
Combination Meter
System<27–5>
BR
Multiplex
Communication
System (CAN)<8–2>
D3
(IG)
10A
ECU–IG
24 4B
B
16
A25
Junction Connector
19
B
1 AA1
B
25
IG1
A11
Speed Sensor (Front LH)
2
1
R
G
9
8
FL+
FL–
A7
Speed Sensor (Front RH)
2
1
P
V
31
30
FR+
FR–
(BAT)
30A
ABS2/
VSC2
2
1
W
8 AA1
W
1
+BS
(BAT)
50A
ABS1/
VSC1
2
1
B
7 AA1
B
23
+BM
A15
Skid Control ECU with Actuator
STP
CANL
CANH
RL–
RL+
RR–
RR+
GND1
GND2
10
5
6
12
11
34
33
2
24
G
B
Y
L
LG
W–B
W–B
11 AJ1
10 AJ1
9 AJ1
8 AJ1
B
Y
L
LG
2 aJ1
1 aJ1
2 ZJ1
1 ZJ1
BR
W
BR
W
1
2
a1
Speed Sensor
(Rear LH)
1
2
Z1
Speed Sensor
(Rear RH)
W–B
A2
Stop Lamp SW
<14–1>
Multiplex Communication
System (CAN)<8–4>

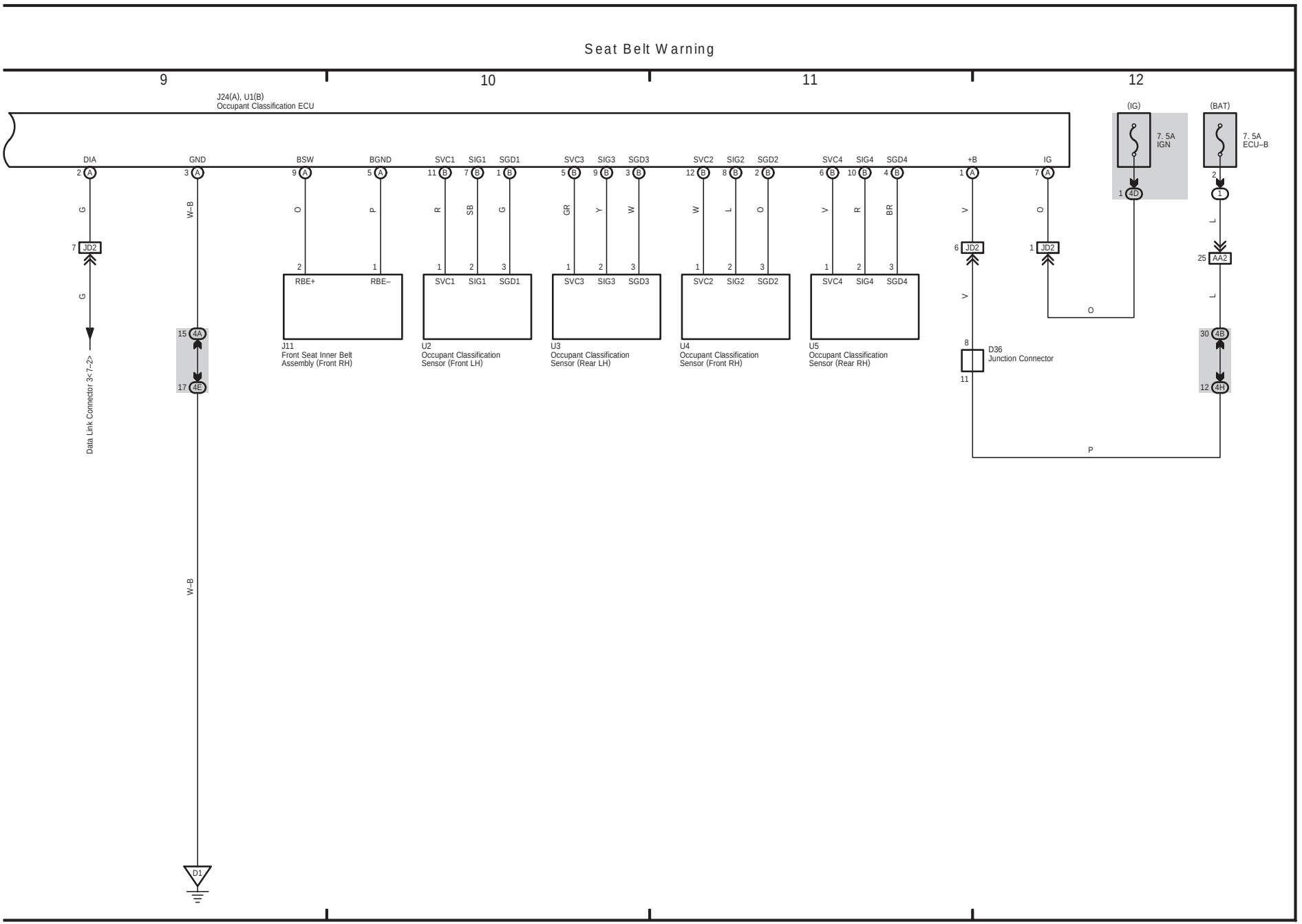
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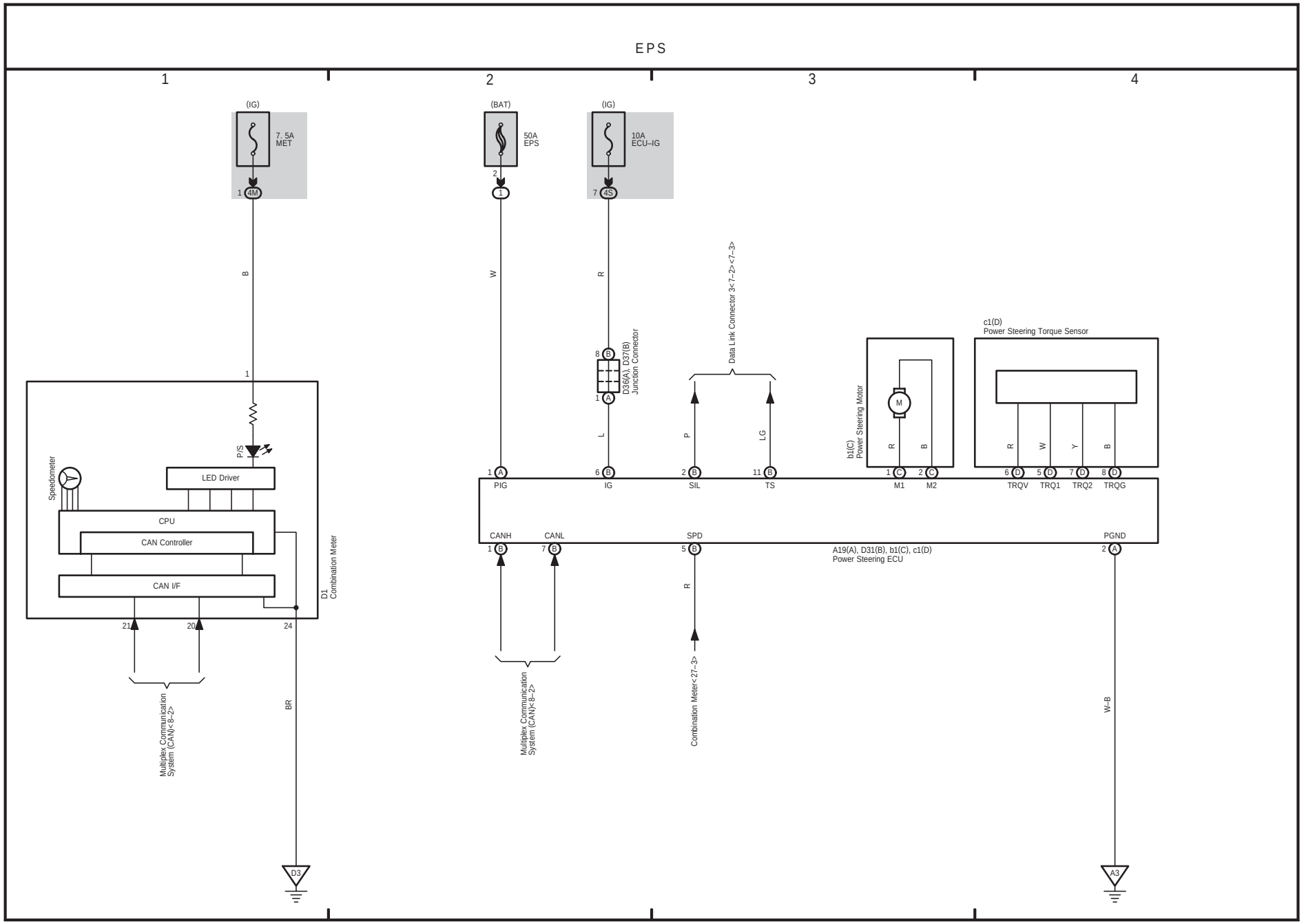


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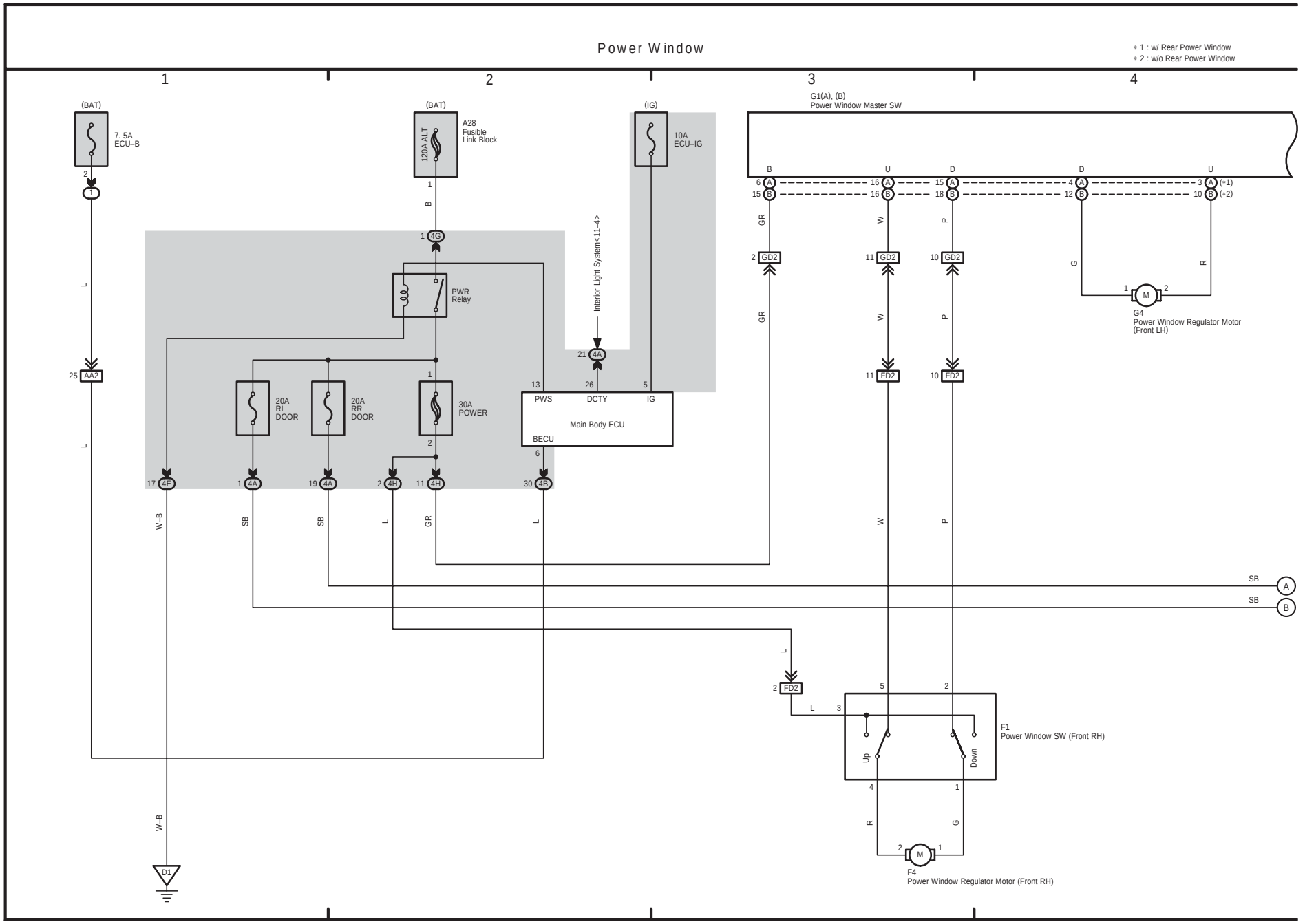


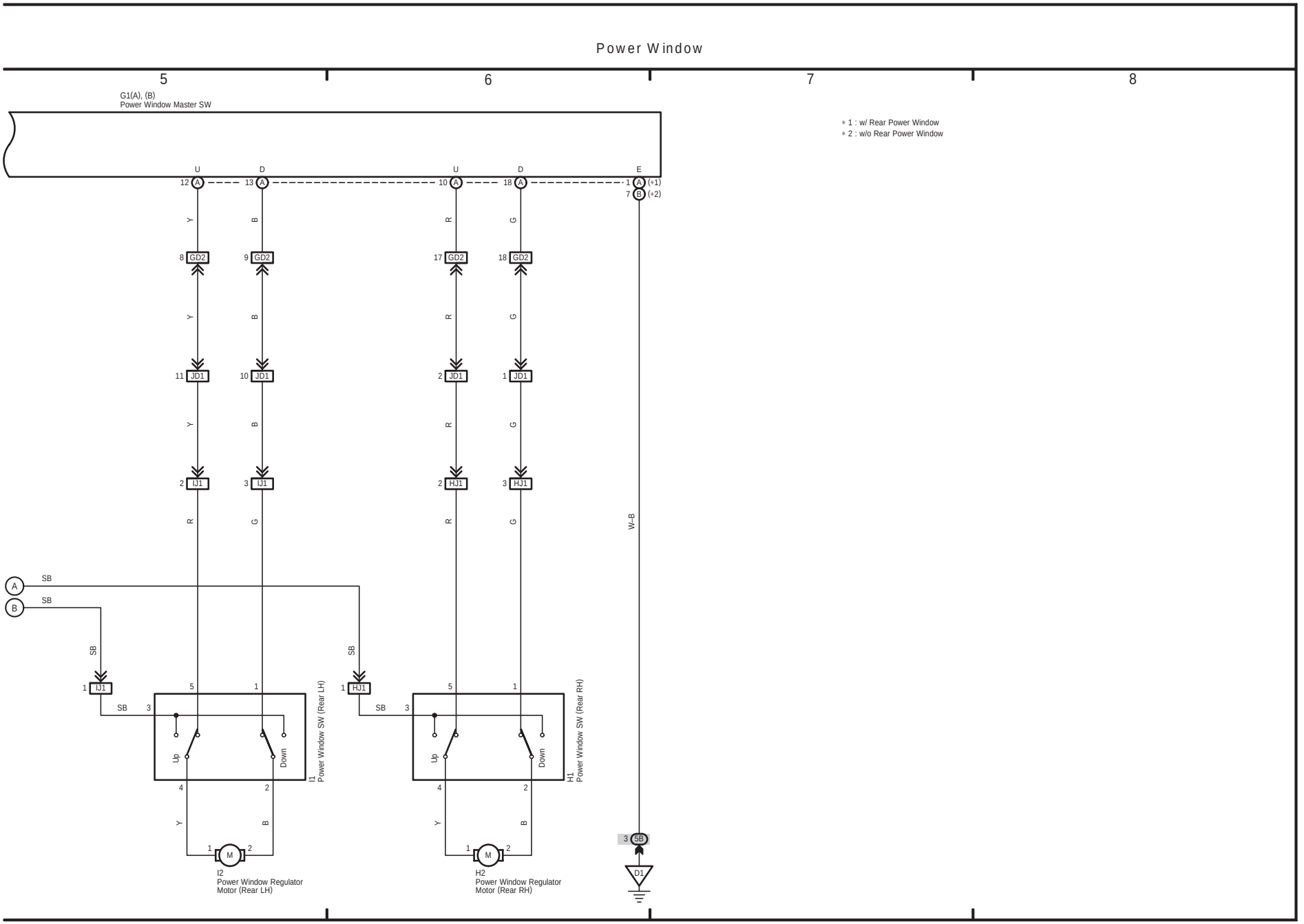
18 YARIS (Cont' d)



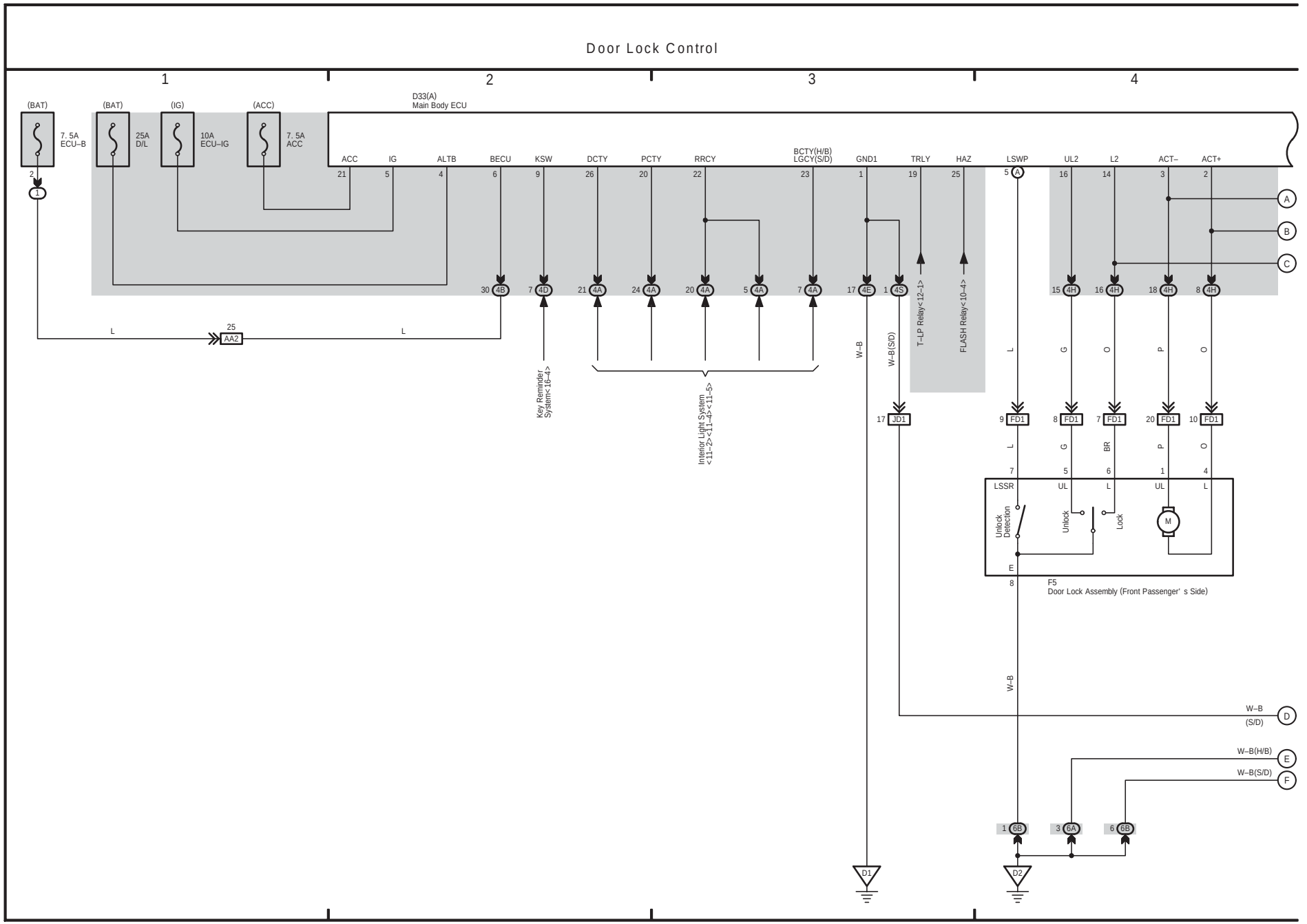

EPS
1
2
3
4
(IG)
7. 5A
MET
1 4M
B
1
P/S
Speedometer
LED Driver
CPU
CAN Controller
CAN I/F
D1
Combination Meter
21
20
24
Multiplex Communication System (CAN)<8–2>
BR
D3
(BAT)
50A
EPS
2
1
W
(IG)
10A
ECU–IG
7 4S
R
8 B
1 A
D36(A), D37(B)
Junction Connector
L
Data Link Connector 3<7–2><7–3>
P
LG
b1(C)
Power Steering Motor
M
R
B
c1(D)
Power Steering Torque Sensor
R
W
Y
B
1 A
PIG
6 B
IG
2 B
SIL
11 B
TS
1 C
M1
2 C
M2
6 D
TRQV
5 D
TRQ1
7 D
TRQ2
8 D
TRQG
CANH
CANL
SPD
PGND
1 B
7 B
5 B
2 A
A19(A), D31(B), b1(C), c1(D)
Power Steering ECU
Multiplex Communication System (CAN)<8–2>
R
Combination Meter<27–3>
W–B
A3

(Cont. next page)

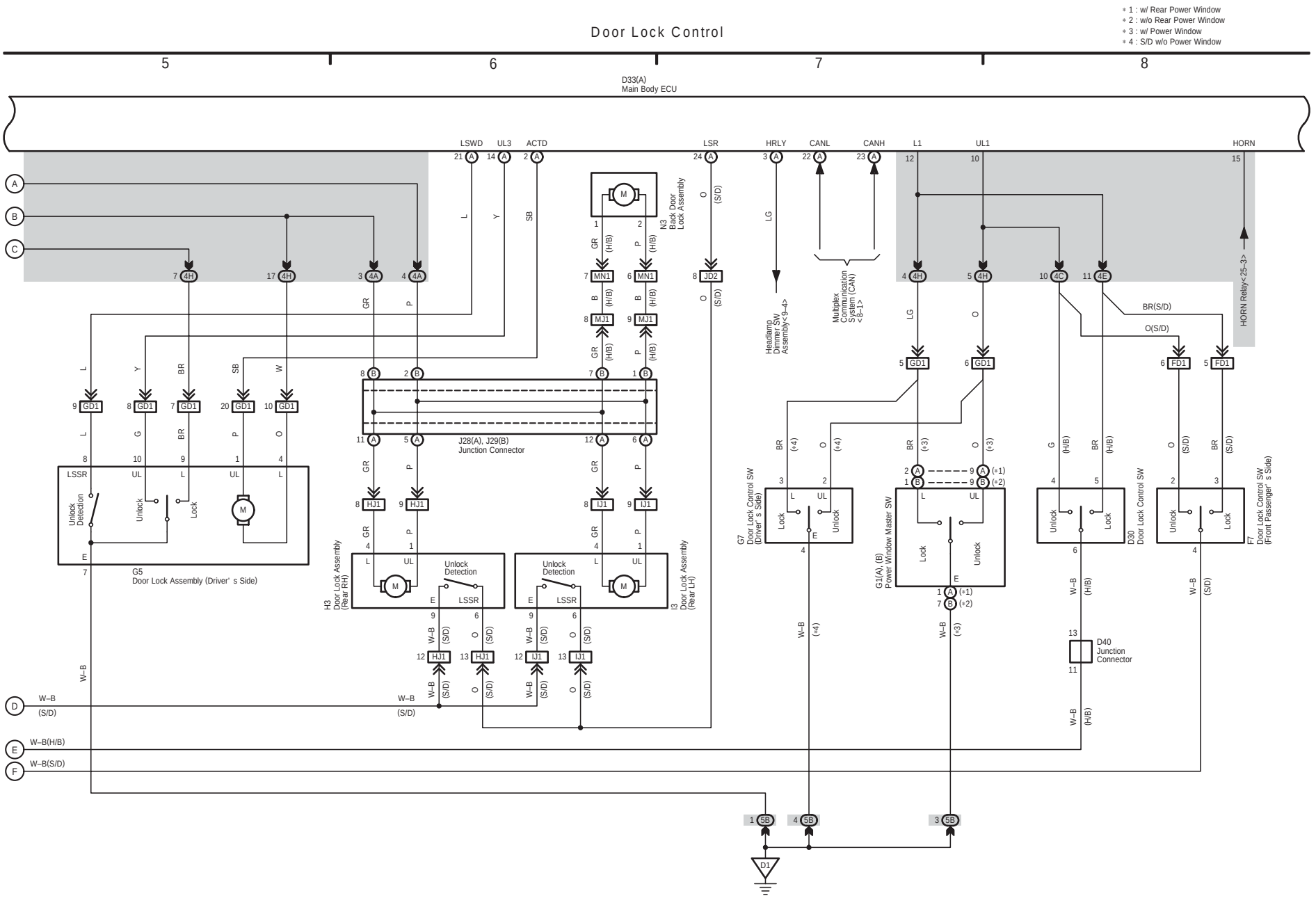



Power Window
5
6
7
8
G1(A), (B)
Power Window Master SW
U
D
U
D
E
12 A
13 A
10 A
18 A
1 A (*1)
7 B (*2)
* 1 : w/ Rear Power Window
* 2 : w/o Rear Power Window
Y
B
R
G
8 GD2
9 GD2
17 GD2
18 GD2
11 JD1
10 JD1
2 JD1
1 JD1
2 IJ1
3 IJ1
2 HJ1
3 HJ1
W-B
A
B
SB
1 IJ1
1 HJ1
5
1
3
Up
Down
4
2
I1
Power Window SW (Rear LH)
H1
Power Window SW (Rear RH)
M
I2
Power Window Regulator
Motor (Rear LH)
H2
Power Window Regulator
Motor (Rear RH)
3 5B
D1

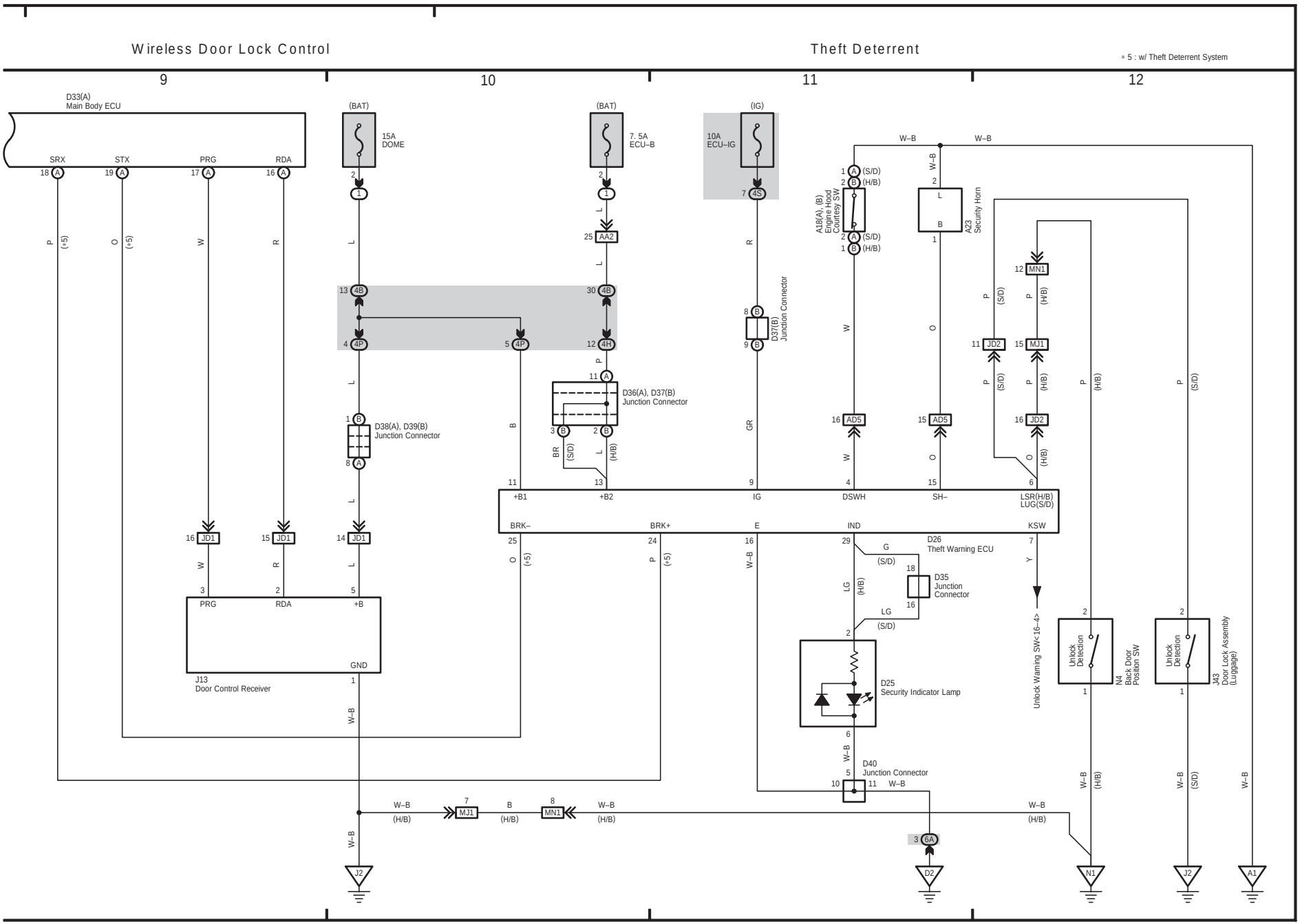
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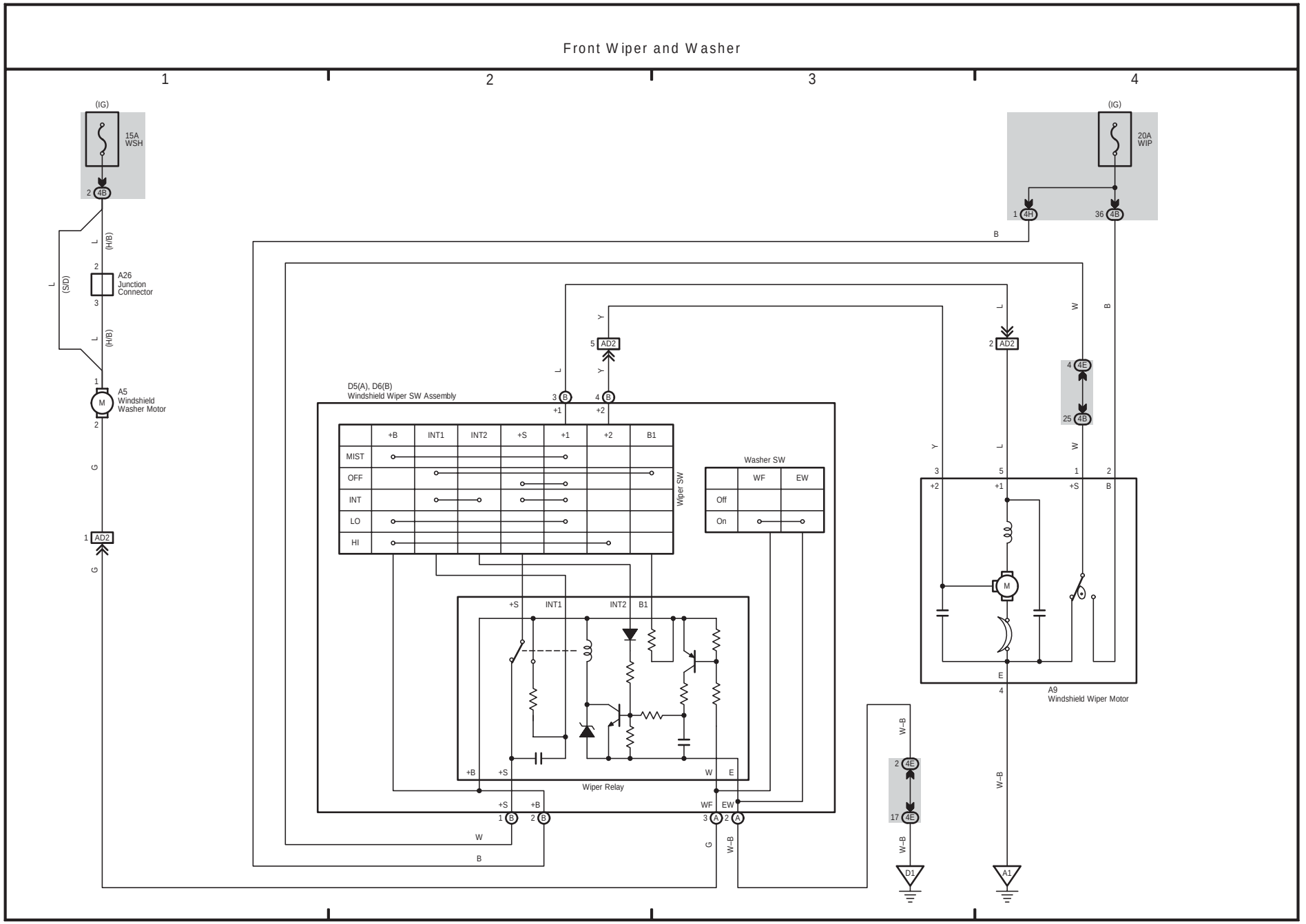


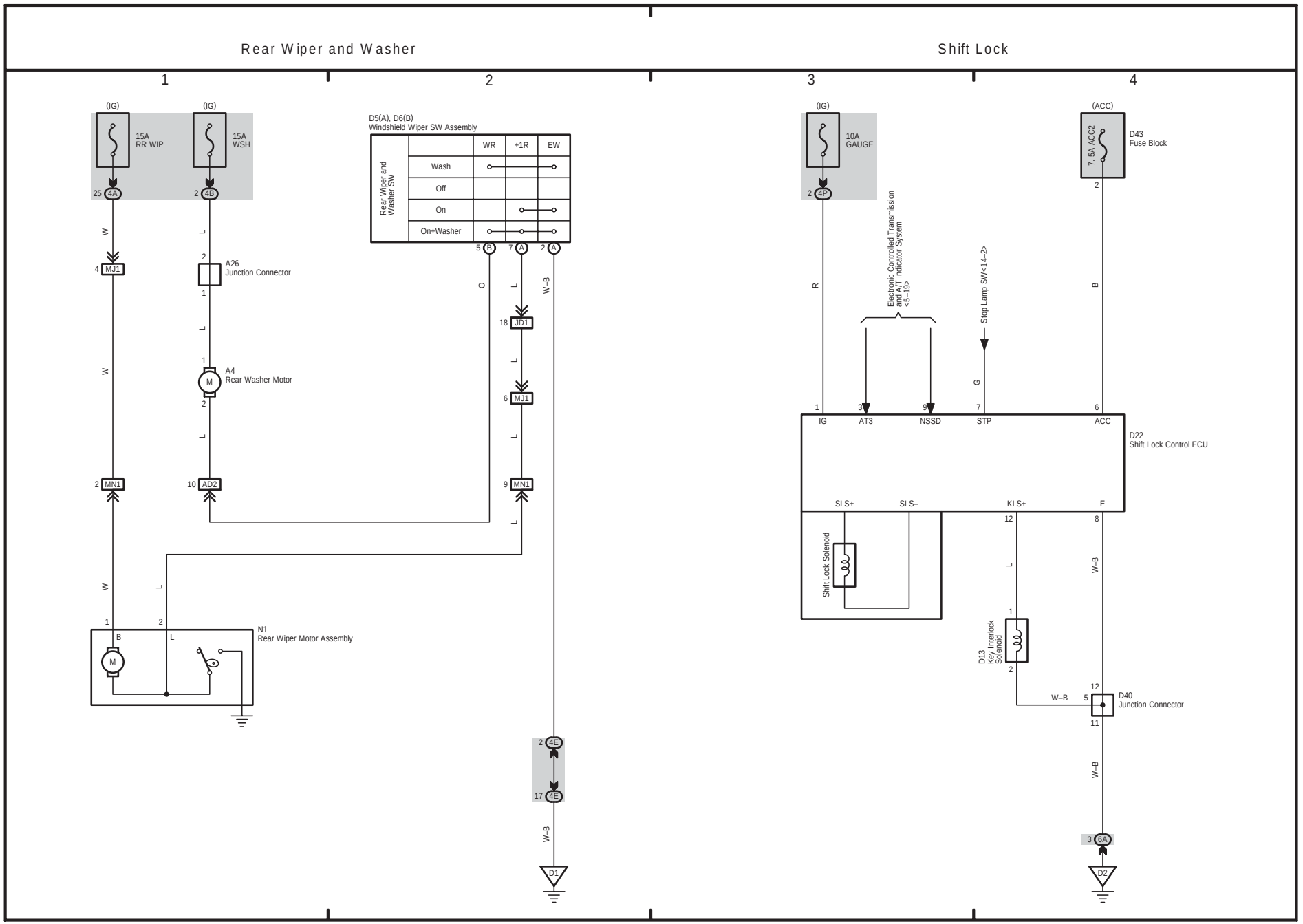
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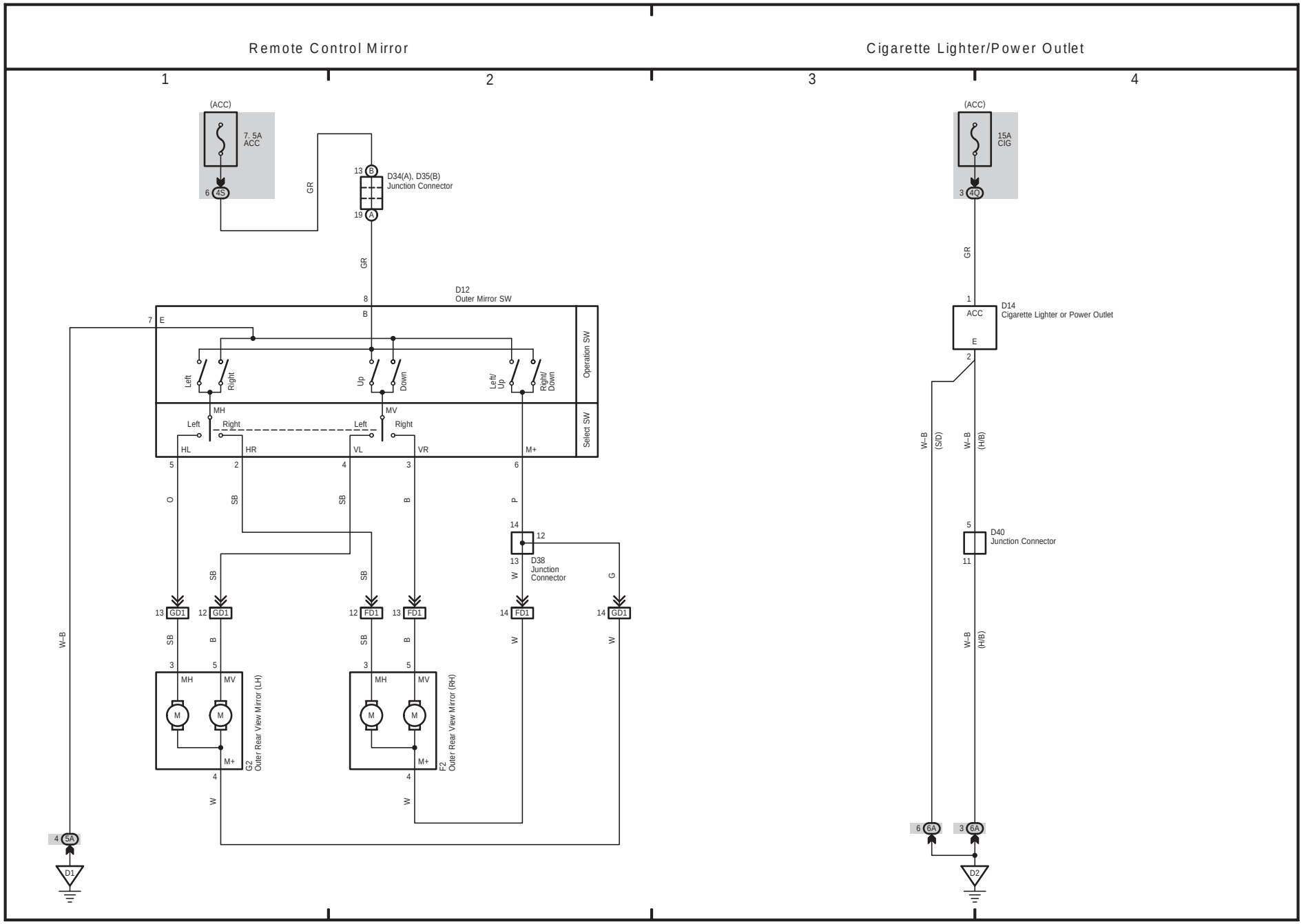


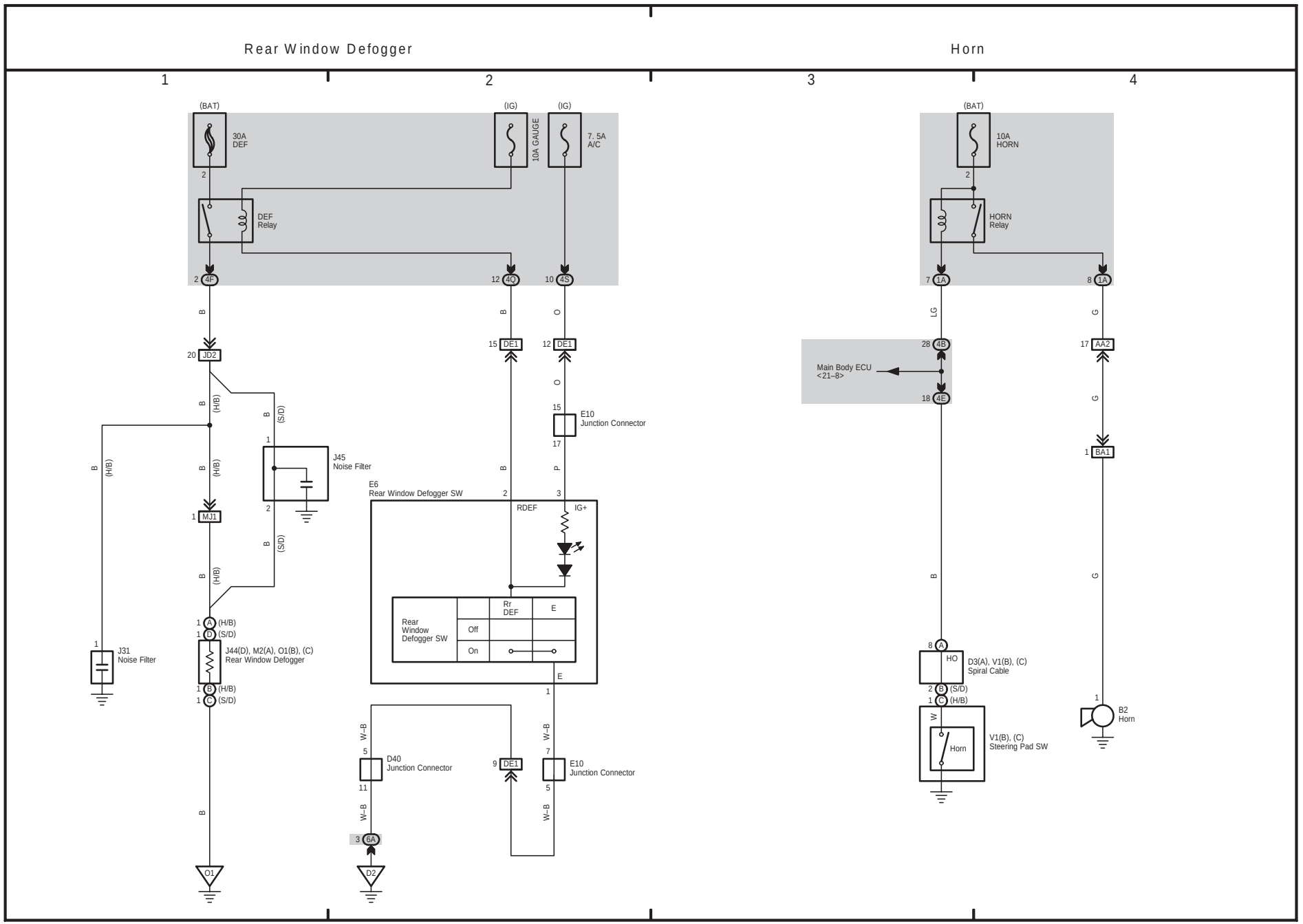
21 YARIS (Cont' d)

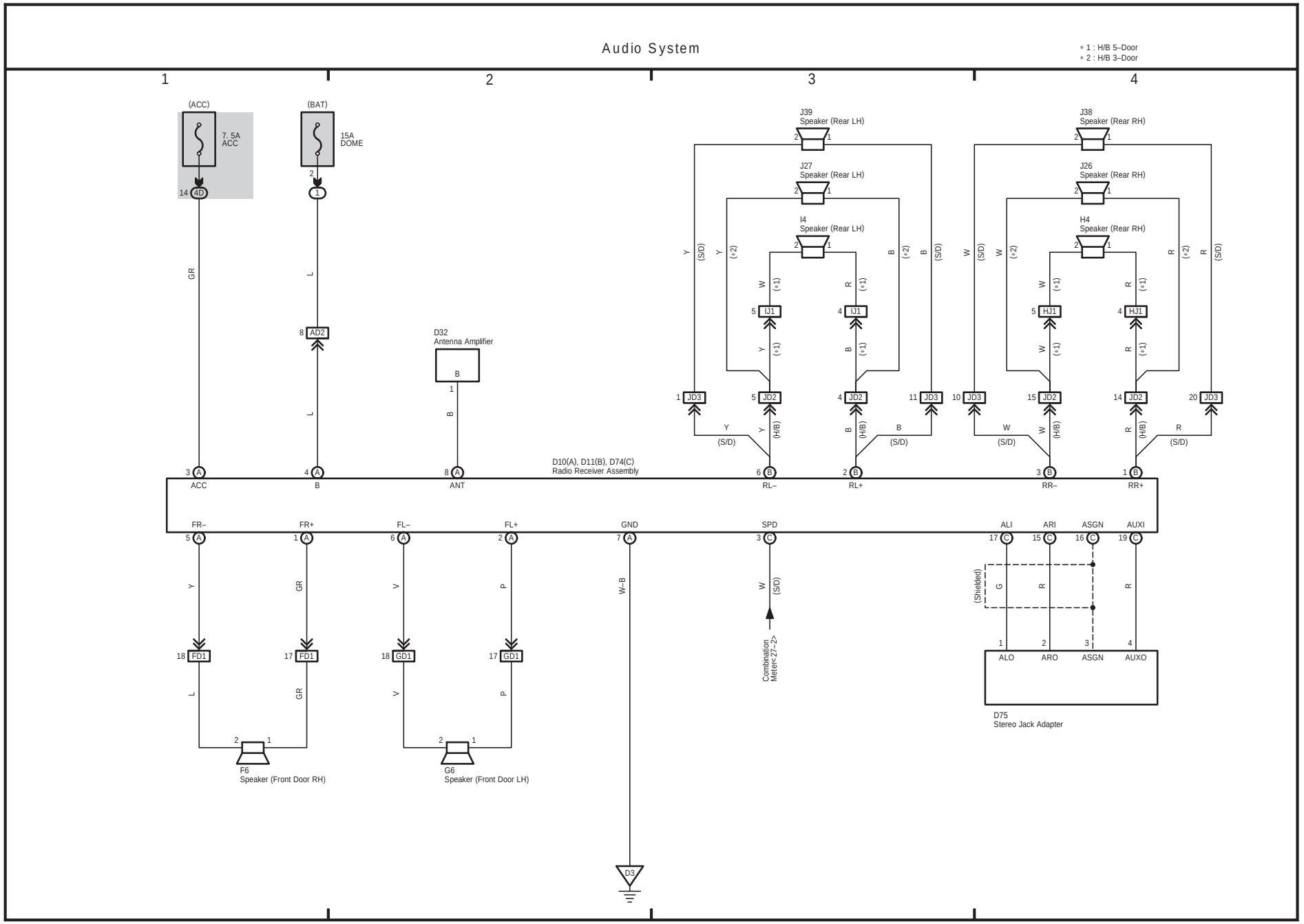


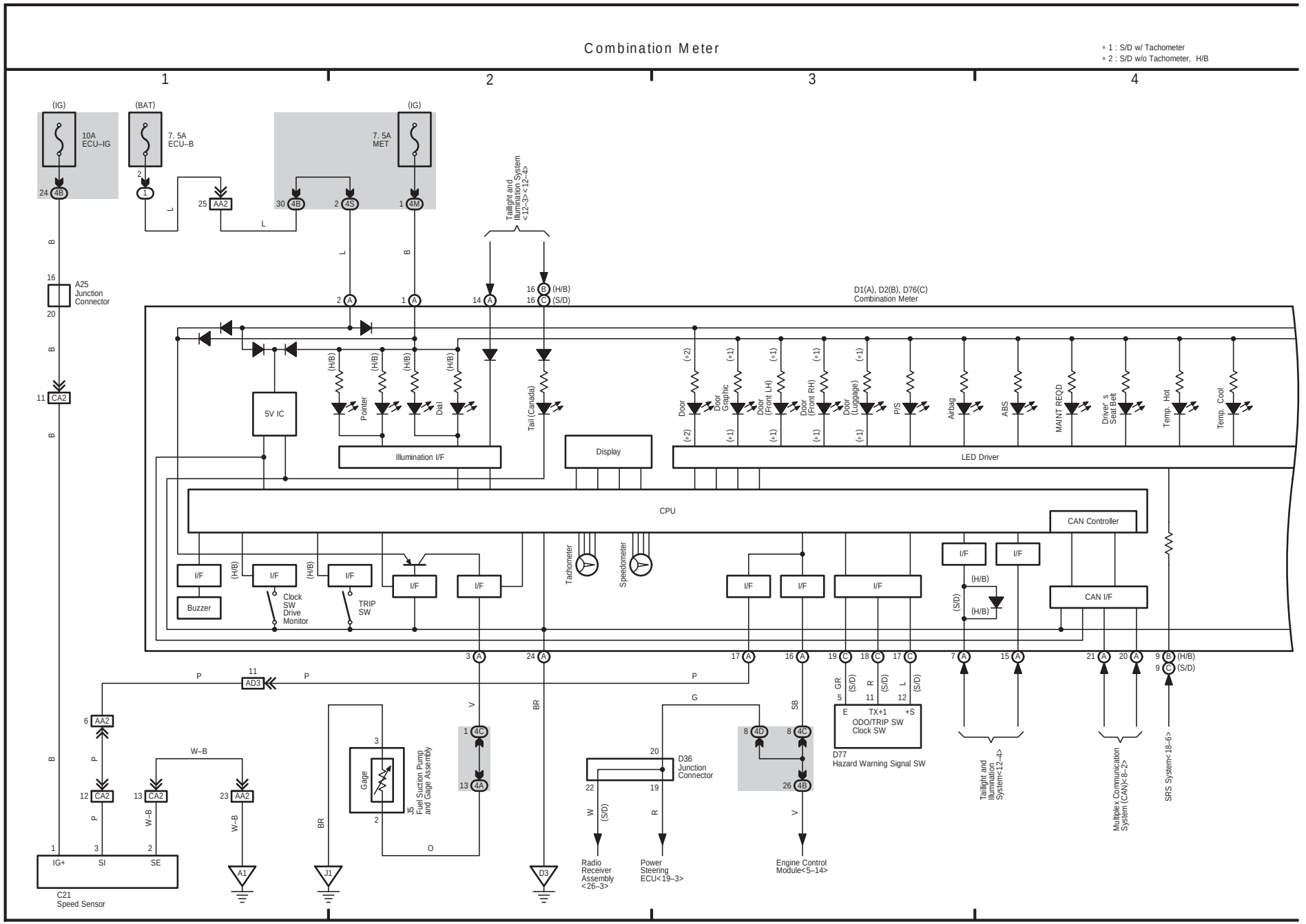

Front Wiper and Washer
1
2
3
4
(IG)
15A
WSH
2 4B
L
(H/B)
2
A26
Junction
Connector
3
L
(S/D)
L
(H/B)
1
A5
Windshield
Washer Motor
2
G
1 AD2
G
(IG)
20A
WIP
1 4H
36 4B
B
5 AD2
Y
L
2 AD2
L
W
B
4 4E
25 4B
D5(A), D6(B)
Windshield Wiper SW Assembly
3 B
+1
4 B
+2
+B
INT1
INT2
+S
+1
+2
B1
MIST
OFF
INT
LO
HI
Wiper SW
Washer SW
WF
EW
Off
On
+S
INT1
INT2
B1
+B
+S
W
E
Wiper Relay
+S
+B
1 B
2 B
WF
EW
3 A
2 A
W
B
G
W-B
Y
L
W
B
3
5
1
2
+2
+1
+S
B
M
E
4
A9
Windshield Wiper Motor
W-B
2 4E
17 4E
W-B
W-B
D1
A1

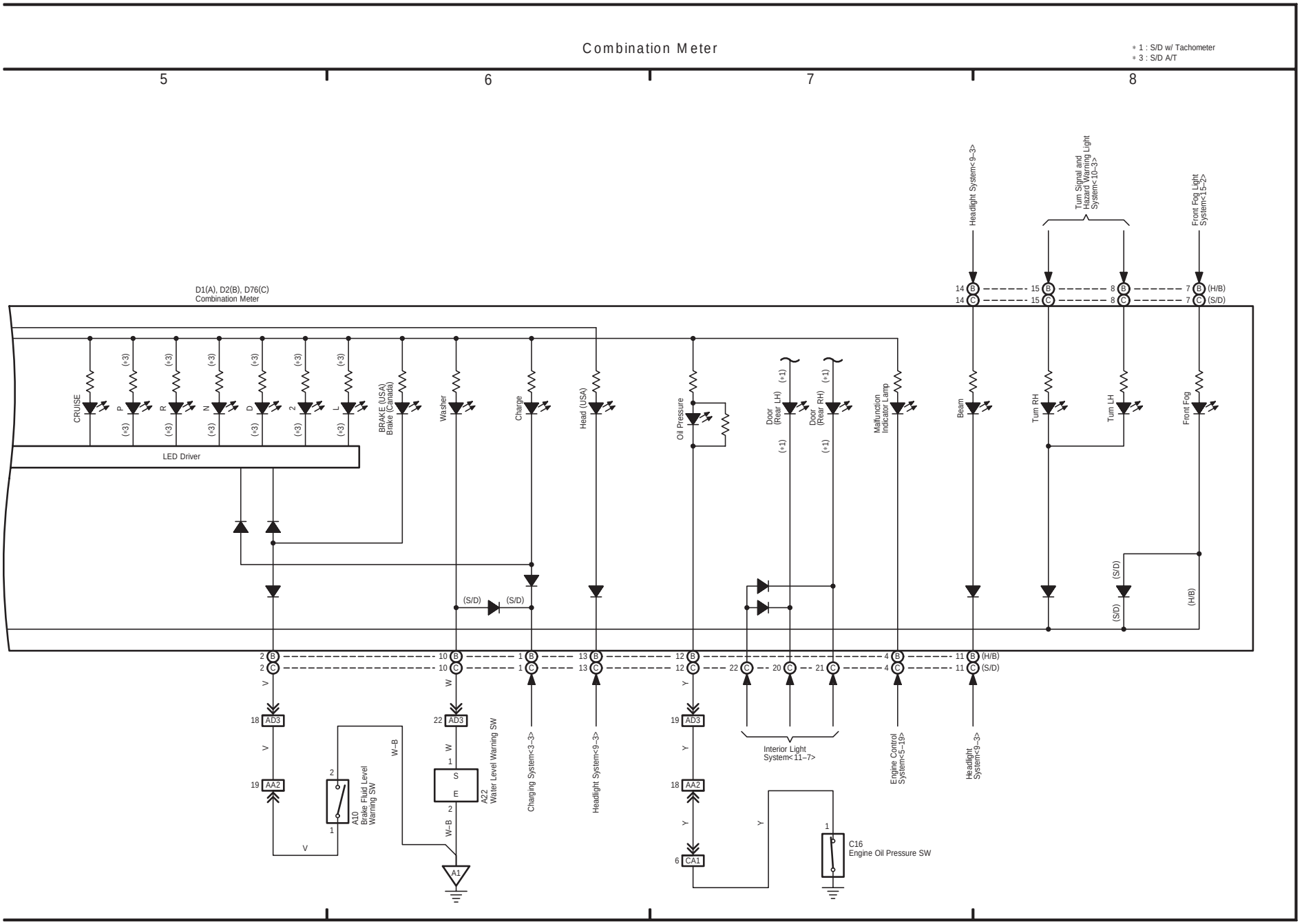

Rear Wiper and Washer
Shift Lock
1
2
3
4
(IG)
15A
RR WIP
(IG)
15A
WSH
25 4A
2 4B
W
L
4 MJ1
2
A26
Junction Connector
1
L
1
A4
Rear Washer Motor
M
2
L
W
2 MN1
10 AD2
L
W
L
1
2
B
L
M
N1
Rear Wiper Motor Assembly
D5(A), D6(B)
Windshield Wiper SW Assembly
Rear Wiper and Washer SW
WR
+1R
EW
Wash
Off
On
On+Washer
5 B
7 A
2 A
O
L
W–B
18 JD1
L
6 MJ1
L
L
9 MN1
L
2 4E
17 4E
W–B
D1
(IG)
10A
GAUGE
2 4P
R
(ACC)
7.5A ACC2
D43
Fuse Block
2
B
Electronic Controlled Transmission and A/T Indicator System <5–19>
Stop Lamp SW<14–2>
G
1
IG
3
AT3
9
NSSD
7
STP
6
ACC
D22
Shift Lock Control ECU
SLS+
SLS–
KLS+
E
12
8
Shift Lock Solenoid
L
W–B
1
D13
Key Interlock Solenoid
2
W–B
12
5
D40
Junction Connector
11
W–B
3 6A
D2

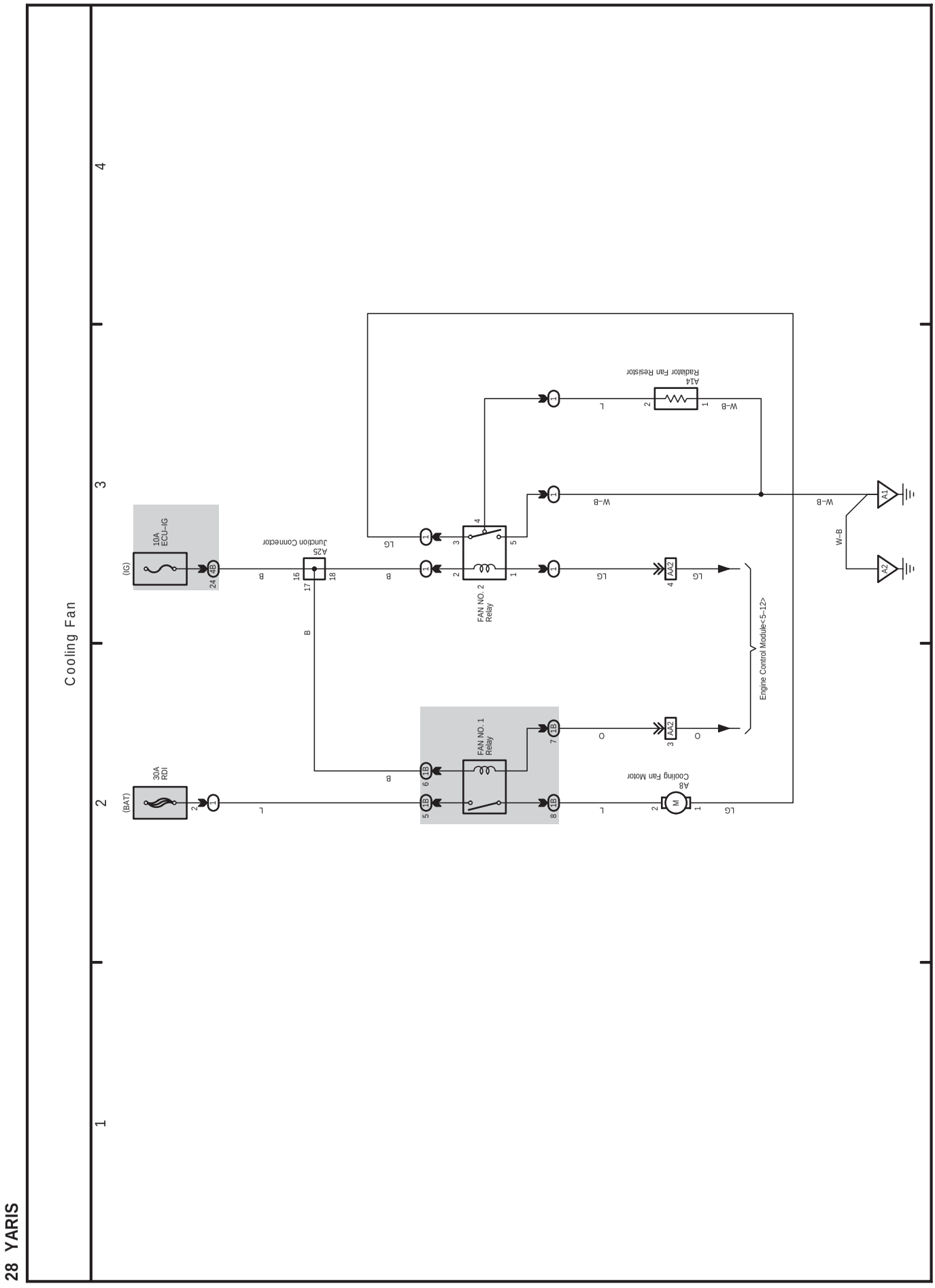

Remote Control Mirror
Cigarette Lighter/Power Outlet
1
2
3
4
(ACC)
7.5A
ACC
4S
GR
13 B
19 A
D34(A), D35(B)
Junction Connector
D12
Outer Mirror SW
8
B
7 E
Left
Right
Up
Down
Left/
Up
Right/
Down
Operation SW
MH
MV
Left
Right
Left
Right
Select SW
HL
HR
VL
VR
M+
5
2
4
3
6
O
SB
SB
B
P
14
12
13
D38
Junction
Connector
W
G
13 GD1
12 GD1
12 FD1
13 FD1
14 FD1
14 GD1
SB
B
SB
B
W
W
3
5
MH
MV
M
M
M+
4
G2
Outer Rear View Mirror (LH)
F2
Outer Rear View Mirror (RH)
W–B
4 5A
D1
(ACC)
15A
CIG
3 4Q
GR
1
ACC
E
D14
Cigarette Lighter or Power Outlet
2
W–B
(S/D)
W–B
(H/B)
5
D40
Junction Connector
11
W–B
(H/B)
6 6A
3 6A
D2

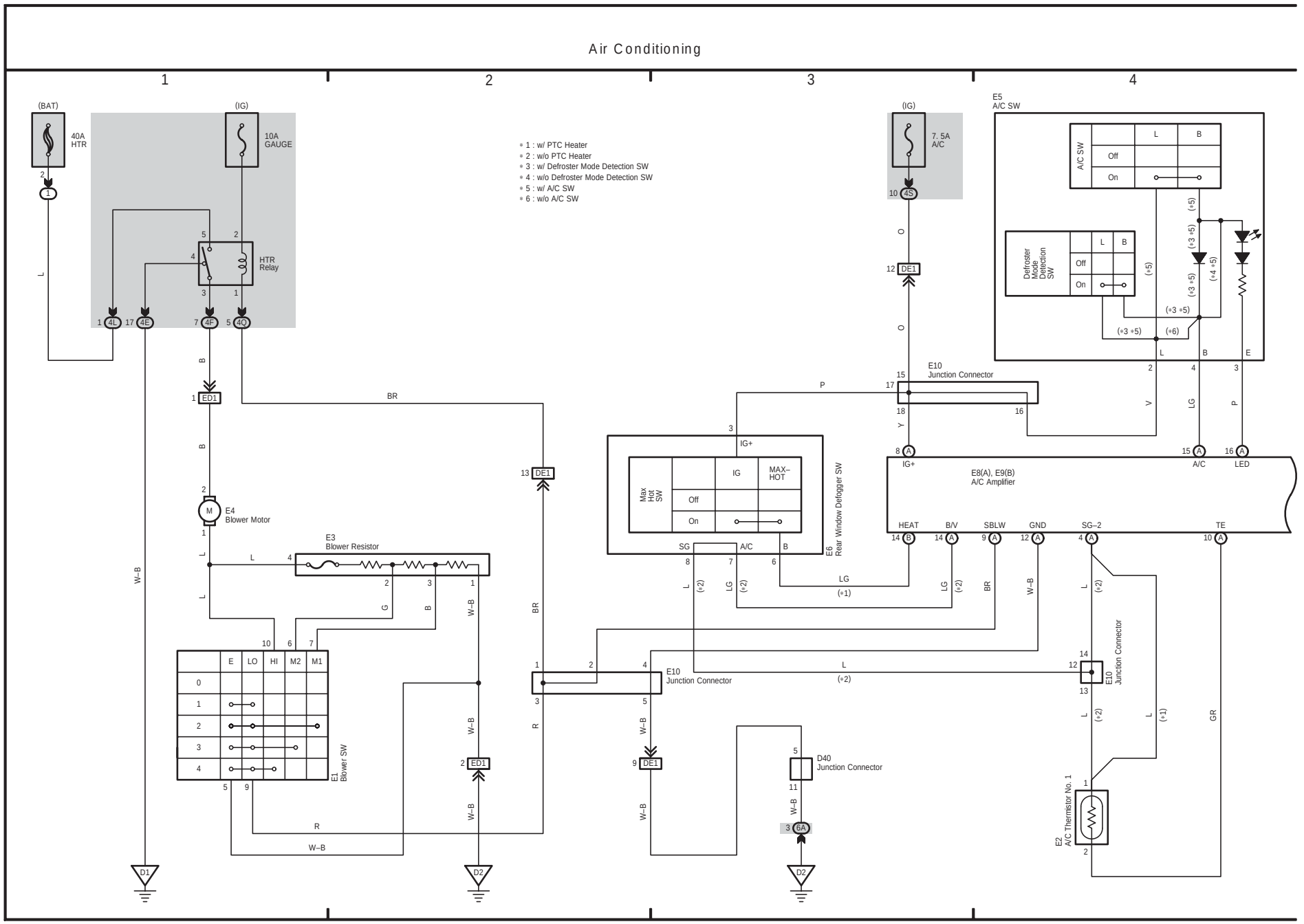

Rear Window Defogger
Horn
1
2
3
4
(BAT)
30A
DEF
(IG)
10A GAUGE
(IG)
7. 5A
A/C
DEF
Relay
2 4F
12 4Q
10 4S
B
O
20 JD2
15 DE1
12 DE1
(H/B)
(S/D)
J45
Noise Filter
E10
Junction Connector
17
P
E6
Rear Window Defogger SW
2
3
RDEF
IG+
1 MJ1
Rear
Window
Defogger SW
Rr
DEF
E
Off
On
1 A (H/B)
1 D (S/D)
J31
Noise Filter
J44(D), M2(A), O1(B), (C)
Rear Window Defogger
1 B (H/B)
1 C (S/D)
W–B
5
D40
Junction Connector
11
9 DE1
7
E10
Junction Connector
5
3 6A
O1
D2
(BAT)
10A
HORN
HORN
Relay
7 1A
8 1A
LG
G
28 4B
17 AA2
Main Body ECU
<21–8>
18 4E
1 BA1
8 A
HO
D3(A), V1(B), (C)
Spiral Cable
2 B (S/D)
1 C (H/B)
W
Horn
V1(B), (C)
Steering Pad SW
1
B2
Horn

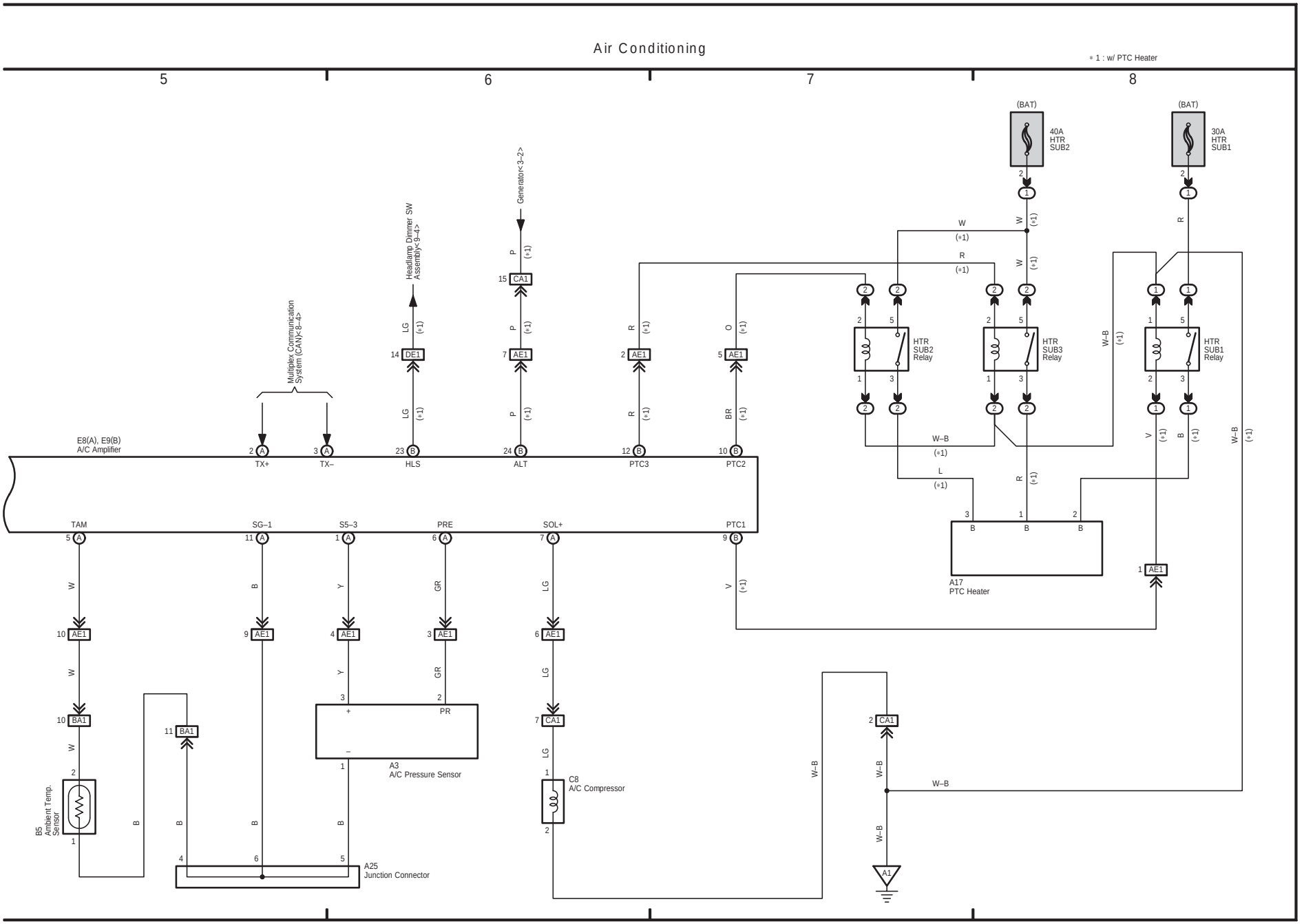

Audio System
* 1 : H/B 5–Door
* 2 : H/B 3–Door
1
2
3
4
(ACC)
7. 5A
ACC
(BAT)
15A
DOME
J39
Speaker (Rear LH)
J27
Speaker (Rear LH)
I4
Speaker (Rear LH)
J38
Speaker (Rear RH)
J26
Speaker (Rear RH)
H4
Speaker (Rear RH)
D32
Antenna Amplifier
D10(A), D11(B), D74(C)
Radio Receiver Assembly
ACC
B
ANT
RL–
RL+
RR–
RR+
FR–
FR+
FL–
FL+
GND
SPD
ALI
ARI
ASGN
AUXI
(Shielded)
Combination
Meter<27–2>
ALO
ARO
ASGN
AUXO
D75
Stereo Jack Adapter
F6
Speaker (Front Door RH)
G6
Speaker (Front Door LH)
D3


Combination Meter
* 1 : S/D w/ Tachometer
* 2 : S/D w/o Tachometer, H/B
1
2
3
4
(IG)
(BAT)
(IG)
10A ECU–IG
7. 5A ECU–B
7. 5A MET
Taillight and Illumination System <12–3>, <12–4>
A25 Junction Connector
D1(A), D2(B), D76(C) Combination Meter
5V IC
Pointer
Dial
Illumination I/F
Tail (Canada)
Display
LED Driver
Door
Door Graphic
Door (Front LH)
Door (Front RH)
Door (Luggage)
P/S
Airbag
ABS
MAINT REQD
Driver's Seat Belt
Temp. Hot
Temp. Cool
CPU
CAN Controller
CAN I/F
I/F
Buzzer
Clock SW Drive Monitor
TRIP SW
Tachometer
Speedometer
ODO/TRIP SW Clock SW
D77 Hazard Warning Signal SW
D36 Junction Connector
J5 Fuel Suction Pump and Gage Assembly
Gage
C21 Speed Sensor
IG+
SI
SE
Radio Receiver Assembly <26–3>
Power Steering ECU<19–3>
Engine Control Module<5–14>
Taillight and Illumination System<12–4>
Multiplex Communication System (CAN)<8–2>
SRS System<18–6>


Combination Meter
* 1 : S/D w/ Tachometer
* 3 : S/D A/T
5
6
7
8
D1(A), D2(B), D76(C)
Combination Meter
CRUISE
P
R
N
D
2
L
BRAKE (USA)
Brake (Canada)
Washer
Charge
Head (USA)
Oil Pressure
Door (Rear LH)
Door (Rear RH)
Malfunction Indicator Lamp
Beam
Turn RH
Turn LH
Front Fog
LED Driver
Headlight System<9–3>
Turn Signal and Hazard Warning Light System<10–3>
Front Fog Light System<15–2>
(H/B)
(S/D)
AD3
AA2
CA1
A10
Brake Fluid Level Warning SW
A22
Water Level Warning SW
A1
C16
Engine Oil Pressure SW
Charging System<3–3>
Headlight System<9–3>
Interior Light System<11–7>
Engine Control System<5–19>
Headlight System<9–3>
W–B


Cooling Fan
1
2
3
4
10A
ECU-IG
(IG)
24
4B
Junction Connector
A25
16
17
18
B
W-B
L
LG
O
FAN NO. 2
Relay
FAN NO. 1
Relay
30A
RDI
(BAT)
2
1B
5
6
7
8
AA2
3
4
Engine Control Module<5-12>
Radiator Fan Resistor
A14
Cooling Fan Motor
A8
M
A1
A2


Air Conditioning
1
2
3
4
(BAT)
(IG)
40A HTR
10A GAUGE
HTR Relay
4L
4E
4F
4Q
ED1
DE1
E4 Blower Motor
E3 Blower Resistor
E1 Blower SW
E E
LO LO
HI HI
M2 M2
M1 M1
D1
D2
W–B
BR
L
B
G
R
∗1 : w/ PTC Heater
∗2 : w/o PTC Heater
∗3 : w/ Defroster Mode Detection SW
∗4 : w/o Defroster Mode Detection SW
∗5 : w/ A/C SW
∗6 : w/o A/C SW
(IG)
7. 5A A/C
4S
O
E5 A/C SW
A/C SW
Off
On
L
B
Defroster Mode Detection SW
(∗5)
(∗3 ∗5)
(∗4 ∗5)
(∗6)
E10 Junction Connector
P
V
Y
LG
E6 Rear Window Defogger SW
IG+
IG
MAX–HOT
Max Hot SW
SG
A/C
E8(A), E9(B) A/C Amplifier
HEAT
B/V
SBLW
GND
SG–2
TE
LED
(∗1)
(∗2)
D40 Junction Connector
E2 A/C Thermistor No. 1
GR


Air Conditioning
* 1 : w/ PTC Heater
5
6
7
8
(BAT)
40A HTR SUB2
30A HTR SUB1
HTR SUB2 Relay
HTR SUB3 Relay
HTR SUB1 Relay
Headlamp Dimmer SW Assembly<9–4>
Generator<3–2>
Multiplex Communication System (CAN)<8–4>
E8(A), E9(B) A/C Amplifier
TX+
TX–
HLS
ALT
PTC3
PTC2
PTC1
TAM
SG–1
S5–3
PRE
SOL+
A17 PTC Heater
A3 A/C Pressure Sensor
PR
C8 A/C Compressor
B5 Ambient Temp. Sensor
A25 Junction Connector
A1
W–B