IGNITION OR STARTER SWITCH ASSY

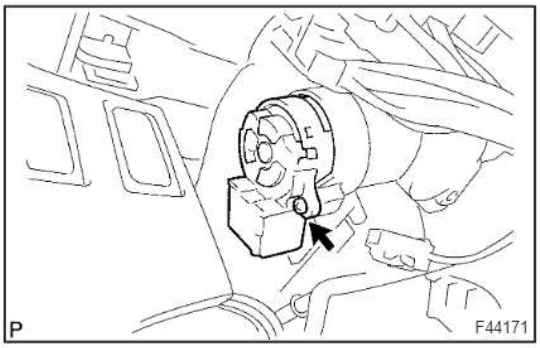
80027-04

REPLACEMENT

HINT:

The installation is in the reverse order of the removal.

1. **REMOVE STEERING COLUMN COVER LWR (See page 50–9)**
2. **REMOVE STEERING COLUMN COVER UPR (See page 50–9)**



3. **REMOVE IGNITION OR STARTER SWITCH ASSY**

(a) Disconnect the ignition switch and unlock warning switch connectors.

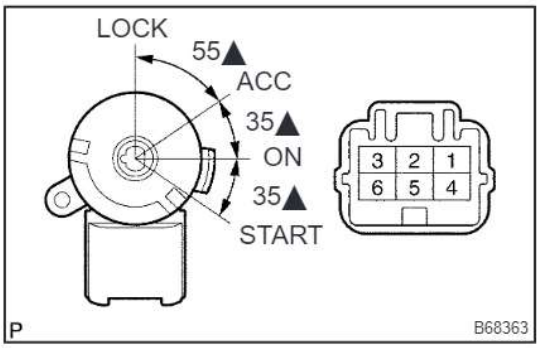
(b) Remove the clamp.

(c) Remove the screw and ignition switch.

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INSPECTION



1. INSPECT IGNITION OR STARTER SWITCH ASSY

(a) Inspect the switch resistance.

Standard:

Terminal No.	Switch Condition	Specified Condition
2 – 3	ACC	Below 1ϕ
1 – 3	ON	
2 – 3		
4 – 6		
1 – 3	START	
4 – 5		
4 – 6		

If the result is not as specified, replace the switch.

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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.

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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.

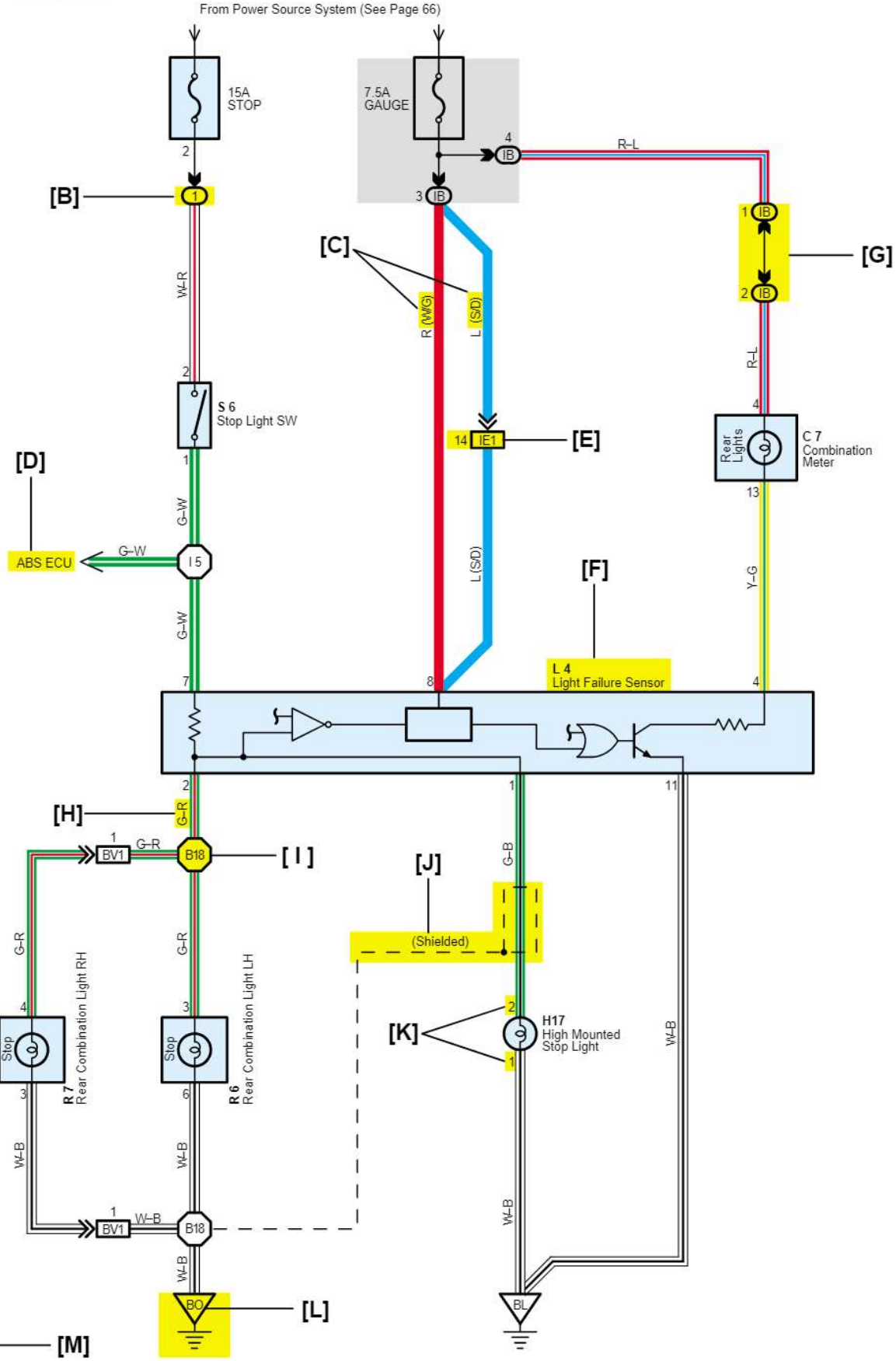
When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors, splice points, and ground 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.

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[A]

Stop Light

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



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[A] : System Title

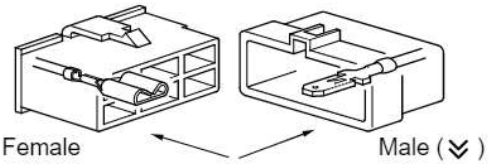
[B] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B

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 wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (»).
Outside numerals are pin numbers.



The first letter of the code for each wiring harness and wiring harness connector(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

When more than one code has the first and second letters in common, followed by numbers (e.g, IH1, IH2), this indicates the same type of wiring harness and wiring harness connector.

[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

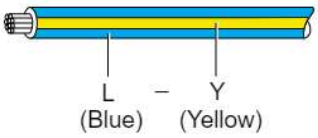
[H] : Indicates the wiring color.

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				

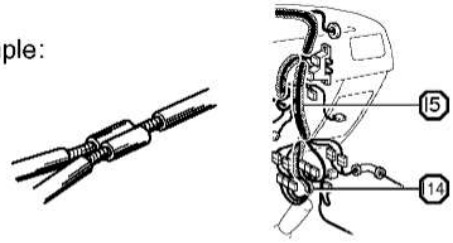
The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L – Y



[I] : Indicates a wiring Splice Point (Codes are "E" for the Engine Room, "I" for the Instrument Panel, and "B" for the Body).

Example:



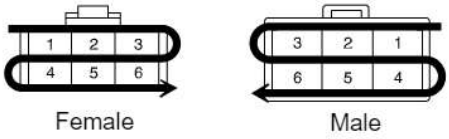
The Location of splice Point I 5 is indicated by the shaded section.

[J] : Indicates a shielded cable.



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

Example:



[L] : Indicates a ground point.

The first letter of the code for each ground point(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

[M] : Page No.

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[N] **System Outline**

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop light 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 light 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.

[O] **Service Hints**

S6 Stop Light SW

2–1 : Closed with the brake pedal depressed

L4 Light Failure Sensor

1, 2, 7–Ground : Approx. 12 volts with the stop light SW on
4, 8–Ground : Approx. 12 volts with the ignition SW at ON position
11–Ground : Always continuity

[P] **: Parts Location**

Code	See Page	Code	See Page	Code	See Page
C7	34	L4	36	R7	37
H17	36	R6	37	S6	35

[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)
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3C	22	Instrument Panel Wire and J/B No.3 (Instrument Panel Brace LH)

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Floor Wire and Instrument Panel Wire (Left Kick Panel)
BV1	50	Luggage Room Wire and Floor Wire (Luggage Room Left)

[T] **: Ground Points**

Code	See Page	Ground Points Location
BL	50	Under the Left Center Pillar
BO	50	Back Panel Center

[U] **: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	44	Cowl Wire	B18	50	Luggage Room Wire

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[N] : Explains the system outline.

[O] : Indicates values or explains the function for reference during troubleshooting.

[P] : Indicates the reference page showing the position on the vehicle of the parts in the system circuit.

Example : Part "L4" (Light Failure Sensor) is on page 36 of the manual.

* The letter in the code is from the first letter of the part, and the number indicates its order in parts starting with that letter.

Example : L 4
- 4 — Parts is 4th in order
- L — Light Failure Sensor

[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 "IE1" connects the floor 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 "BO" is described on page 50 of this manual and is installed on the back panel center.

[U] : Indicates the reference page showing the position of the splice points on the vehicle.

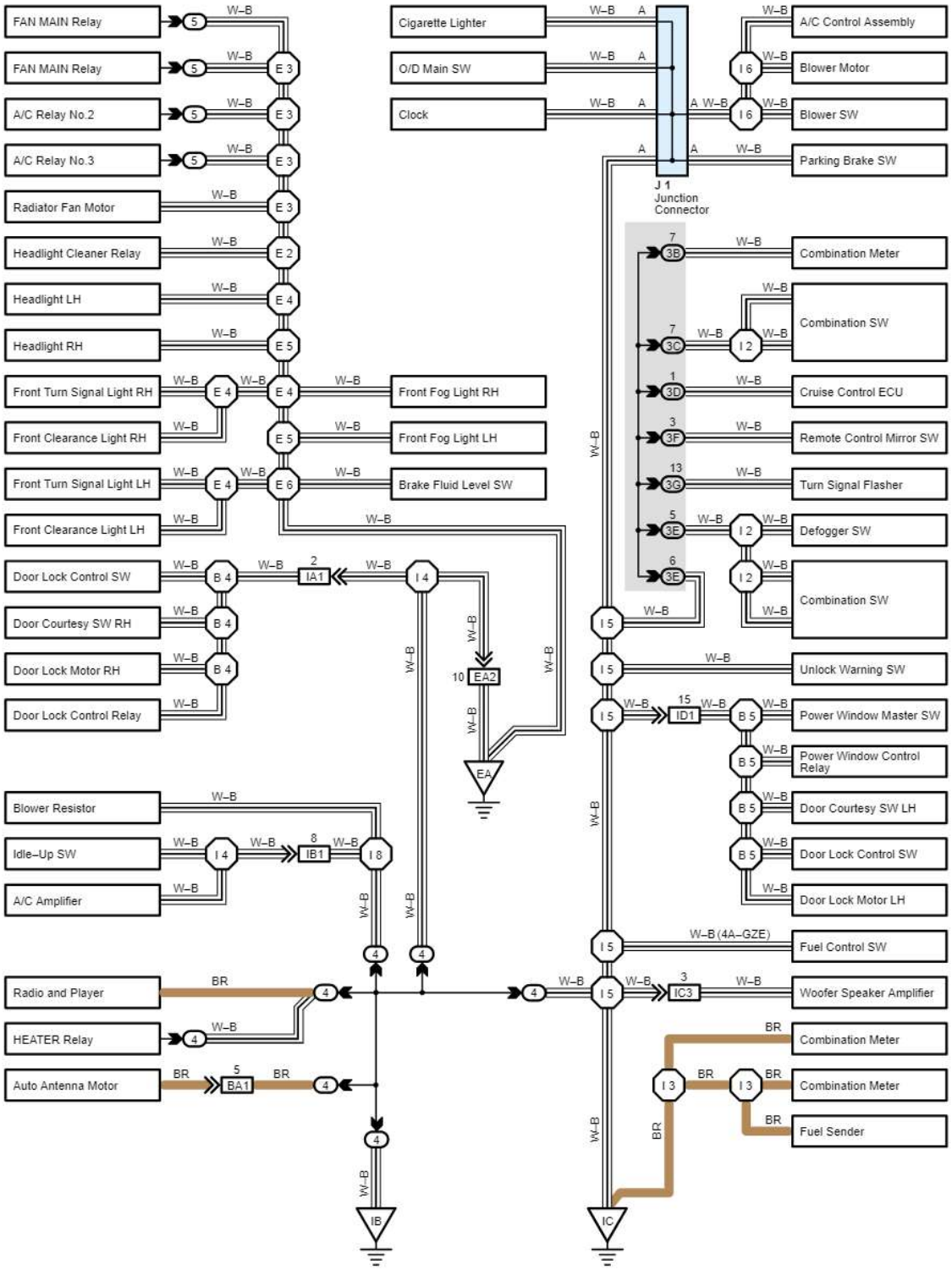
Example : Splice point "I5" is on the Cowl Wire Harness and is described on page 44 of this manual.

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B HOW TO USE THIS MANUAL

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 (EA, IB and IC shown below) can also be checked this way.

I GROUND POINT



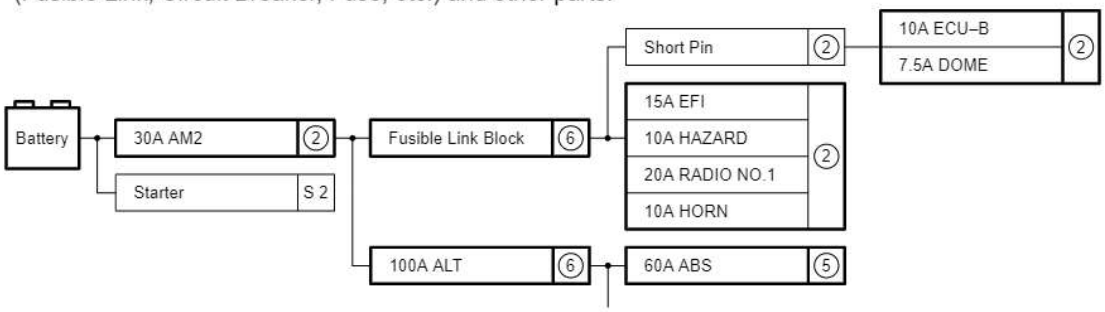
* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

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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)

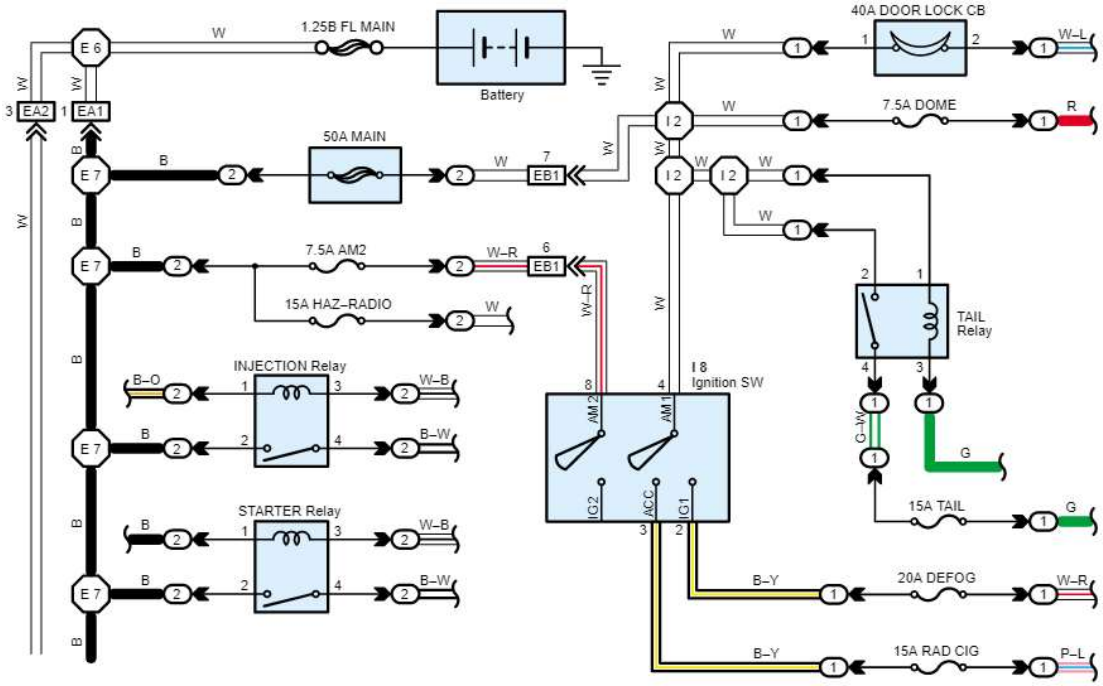
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.



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	214 230 112 122

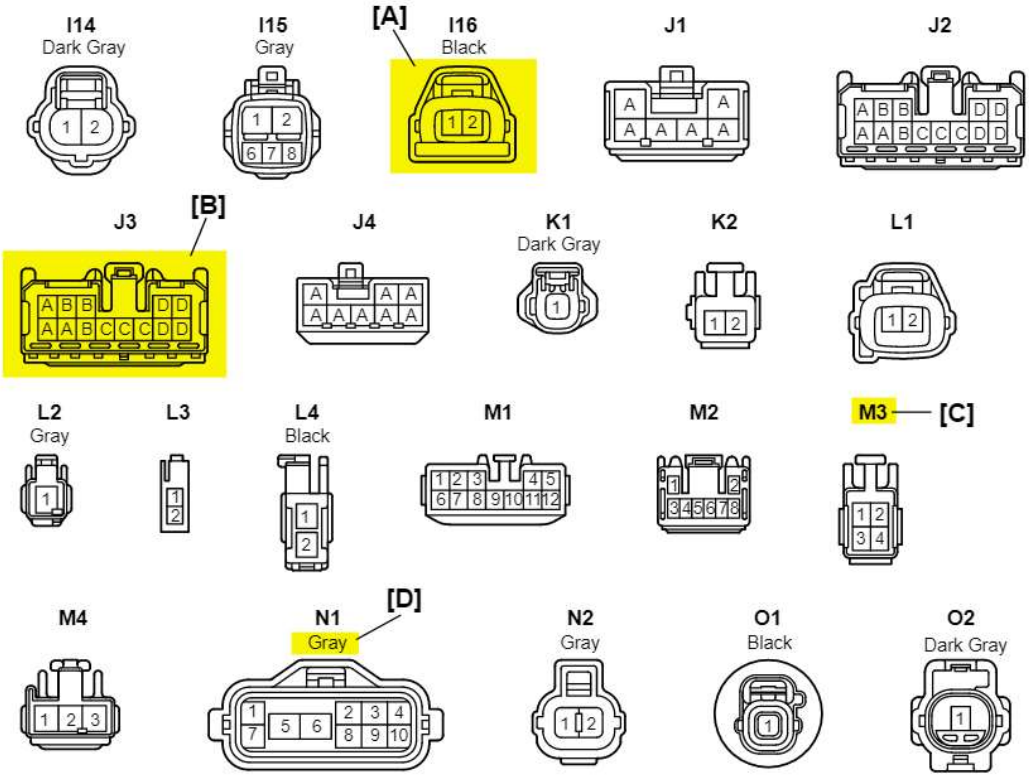
Power Source



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

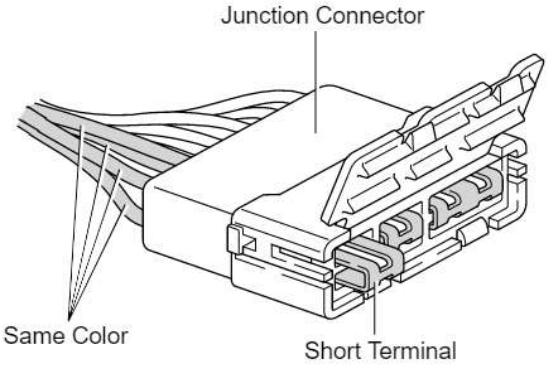
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K CONNECTOR LIST



[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. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)
Wire harness sharing the same short terminal grouping have the same color.

[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.

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L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980–11070
A 2	A/C Condenser Fan Motor	90980–11237
A 3	A/C Condenser Fan Relay	90980–10940
A 4	A/C Condenser Fan Resistor	90980–10928
A 5	A/C Magnetic Clutch	90980–11271
A 6	A/T Oil Temp. Sensor	90980–11413
[A]	[B]	[C]
A 8	ABS Actuator	90980–11009
A 9	ABS Speed Sensor Front LH	90980–10941
A10	ABS Speed Sensor Front RH	90980–11002
A11	Airbag Sensor Front LH	90980–11856
A12	Airbag Sensor Front RH	
A13		90980–11194
		90980–11

Code	Part Name	Part Number
D 4	Diode (Courtesy)	90980–11608
D 5	Diode (Interior Light)	90980–10962
D 6	Diode (Moon Roof)	90980–11608
D 7	Door Lock Control Relay	90980–10848
D 8	Door Lock Control SW LH	90980–11148
D 9	Door Lock Control SW RH	
D10	Door Courtesy SW LH	90980–11097
D11	Door Courtesy SW RH	
D12	Door Courtesy SW Front LH	90980–11156
D13	Door Courtesy SW Front RH	
D14	Door Courtesy SW Rear LH	
D15	Door Courtesy SW Rear RH	
D16	and Unlock SW LH	90980–11170
	RH	

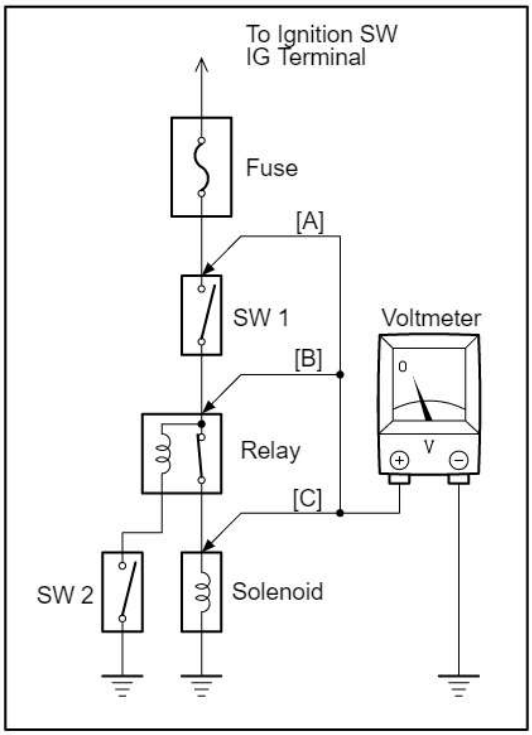
[A] : Part Code

[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.

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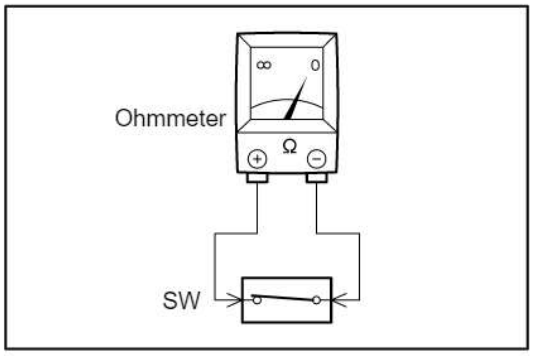


VOLTAGE CHECK

(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)

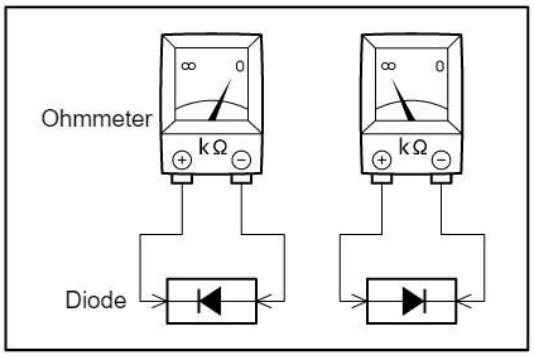
(b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal.
This check can be done with a test light instead of a voltmeter.



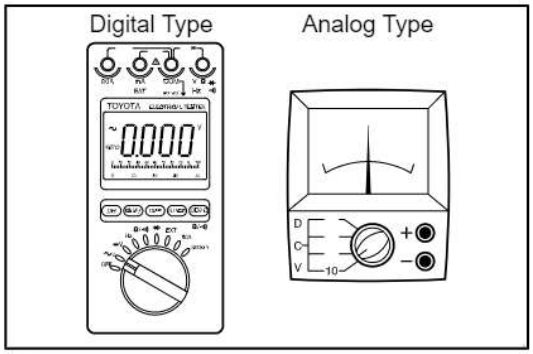
CONTINUITY AND RESISTANCE CHECK

(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.

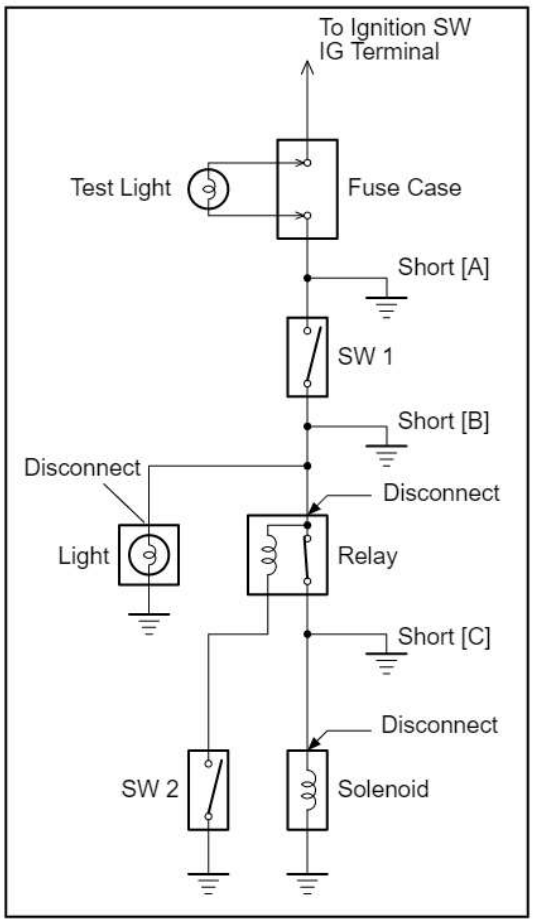


If the circuit has diodes, reverse the two leads and check again.
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.
When contacting the two leads in reverse, there should be no continuity.



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

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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:

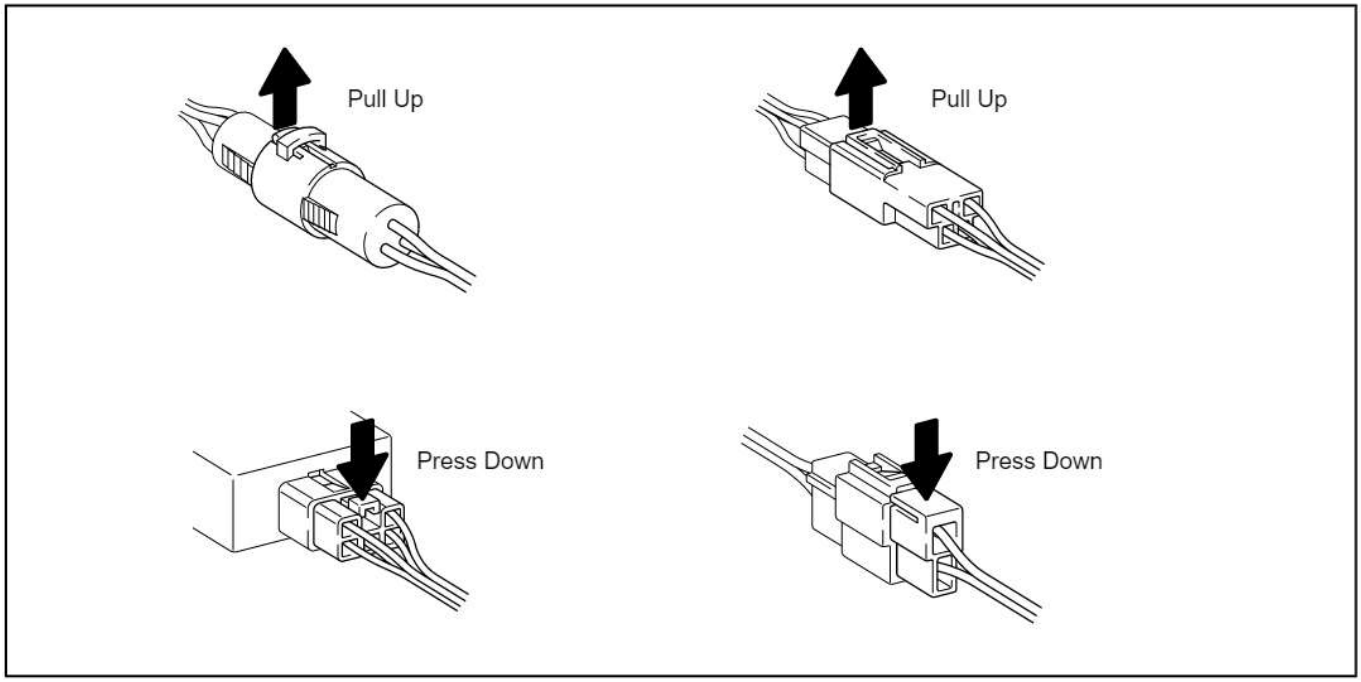
(a) Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)

(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).

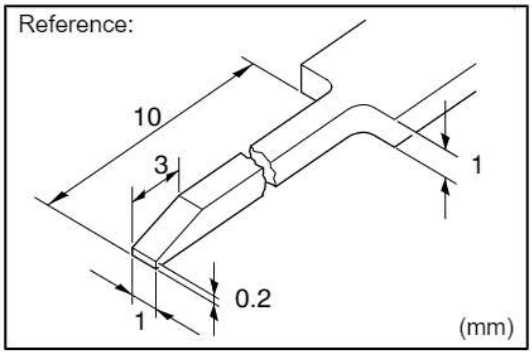
DISCONNECTION OF MALE AND FEMALE CONNECTORS

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.



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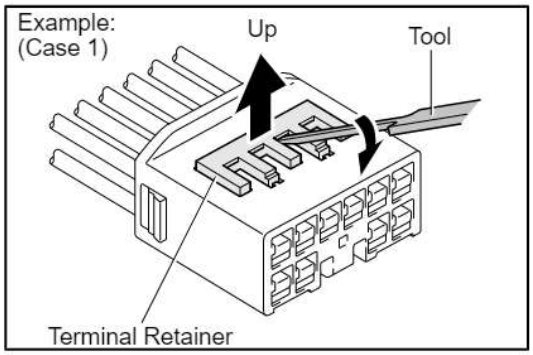


HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

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

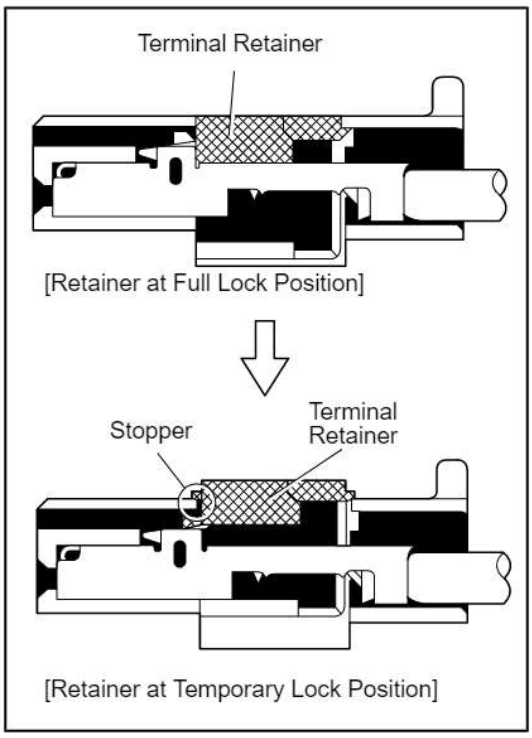


3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

   (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.

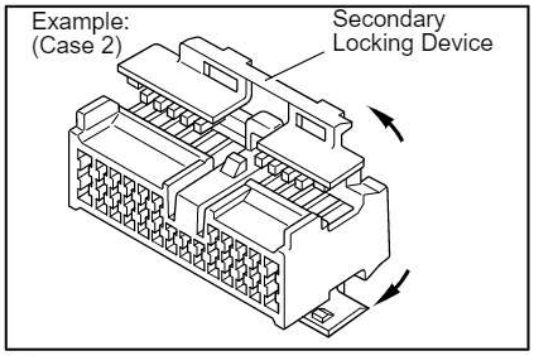


[A] For Non–Waterproof Type Connector

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"

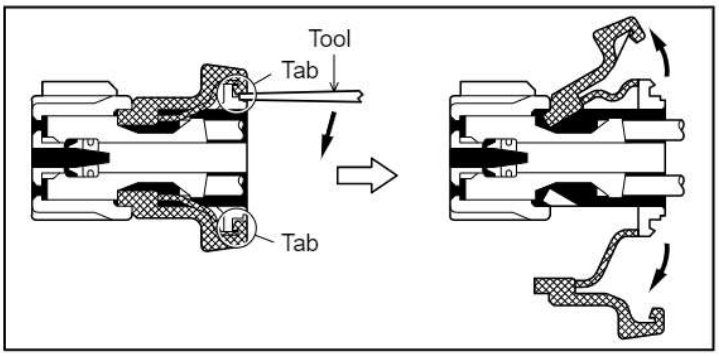
Raise the terminal retainer up to the temporary lock position.

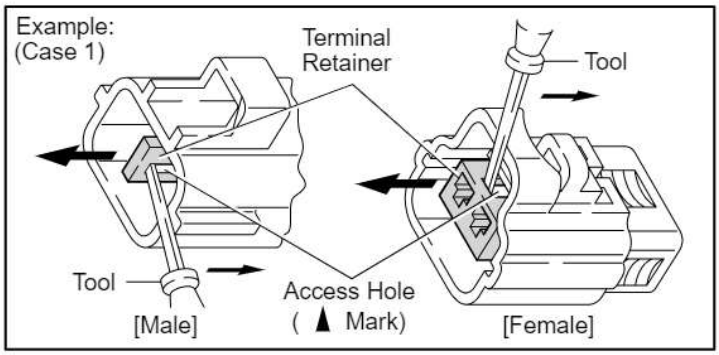


"Case 2"

Open the secondary locking device.

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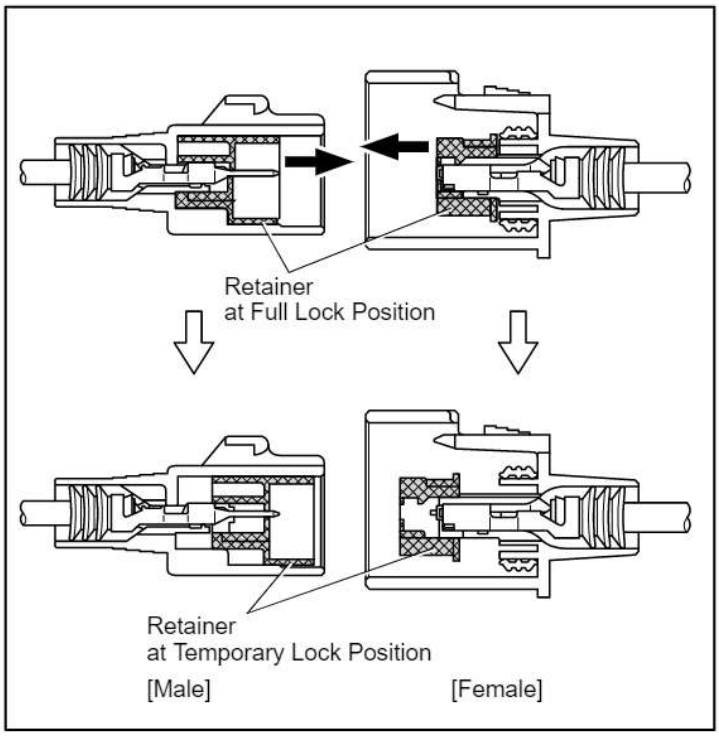


[B] For Waterproof Type Connector

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

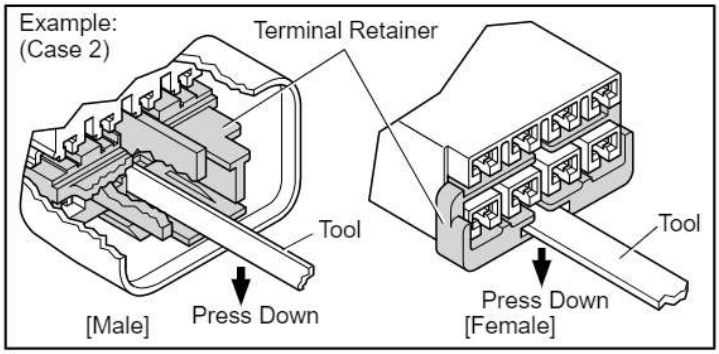


"Case 1"

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.

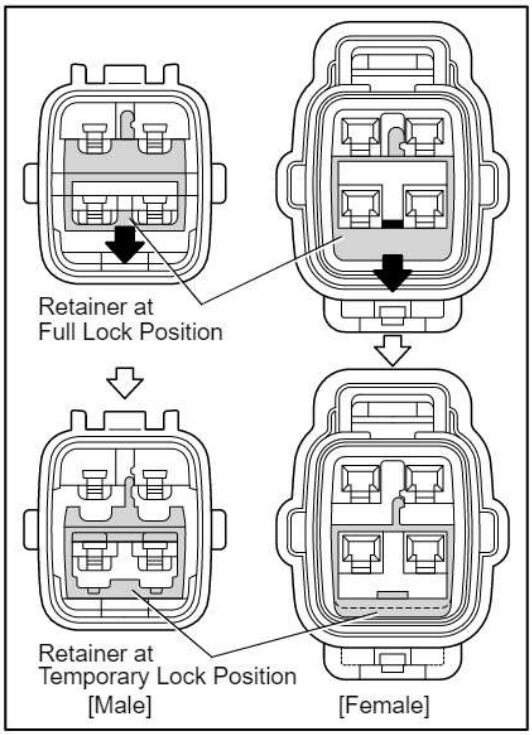
HINT : The needle insertion position varies according to the connector's shape (Number of terminals etc.), so check the position before inserting it.



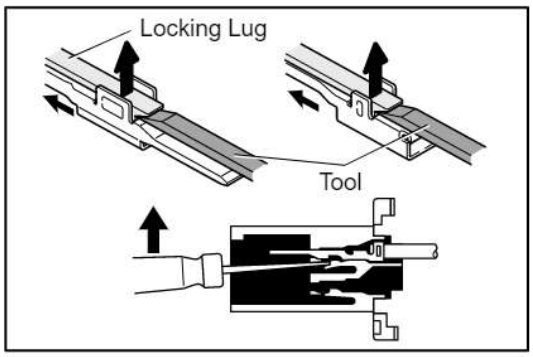
"Case 2"

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

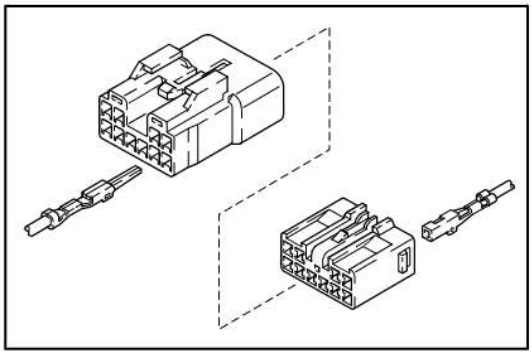
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Push the terminal retainer down to the temporary lock position.



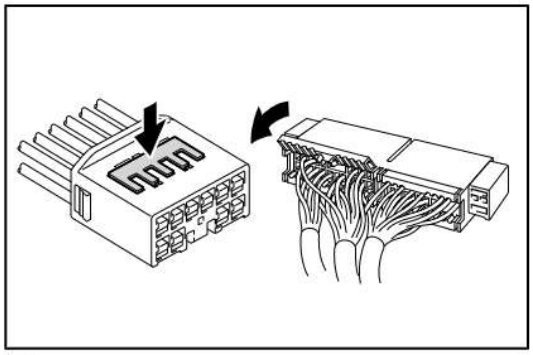
(c) Release the locking lug from terminal and pull the terminal out from rear.



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

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ABBREVIATIONS

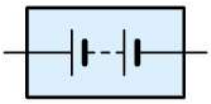
The following abbreviations are used in this manual.

A/C	=	Air Conditioner
A/T	=	Automatic Transaxle
ABS	=	Anti–Lock Brake System
CIS	=	Commonwealth of Independent States
DLC3	=	Data Link Connector 3
EC	=	Electrochromic
ECT	=	Electronic Control Transmission
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EGR	=	Exhaust Gas Recirculation
EPS	=	Electric Power Steering
ESA	=	Electronic Spark Advance
EVAP	=	Evaporative Emission
HID	=	High Intensity Discharge
INT	=	Intermittent
ISC	=	Idle Speed Control
J/B	=	Junction Block
L/B	=	Liftback Type
LH	=	Left–Hand
LHD	=	Left–Hand Drive
M/T	=	Manual Transaxle
PTC	=	Positive Temperature Coefficient
R/B	=	Relay Block
RH	=	Right–Hand
RHD	=	Right–Hand Drive
S/D	=	Sedan Type
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
TRC	=	Traction Control
VRV	=	Vacuum Regulating Valve
VSC	=	Vehicle Stability Control
VSV	=	Vacuum Switching Valve
VVT	=	Variable Valve Timing
VVT–i	=	Variable Valve Timing–intelligent
W/G	=	Wagon Type
w/	=	With
w/o	=	Without

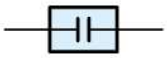
* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

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E GLOSSARY OF TERMS AND SYMBOLS



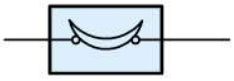
BATTERY
Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.



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.



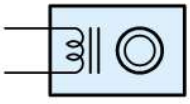
DIODE
A semiconductor which allows current flow in only one direction.



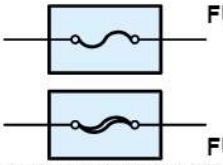
DIODE, ZENER
A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.



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.

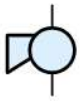
FUSIBLE LINK
A heavy–gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the crosssection surface area of the wires.



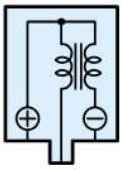
GROUND
The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.



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.

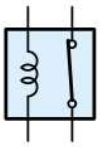


MOTOR
A power unit which converts electrical energy into mechanical energy, especially rotary motion.

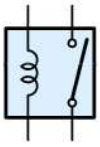
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RELAY

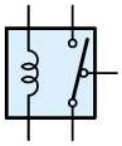
Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.



1. NORMALLY CLOSED

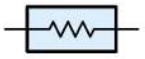


2. NORMALLY OPEN



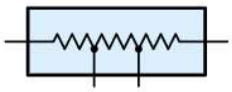
RELAY, DOUBLE THROW

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.



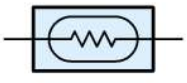
RESISTOR, TAPPED

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.



(Reed Switch Type)

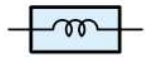
SENSOR, SPEED

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



SHORT PIN

Used to provide an unbroken connection within a junction block.



SOLENOID

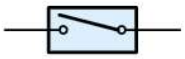
An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.



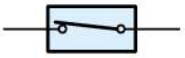
SPEAKER

An electromechanical device which creates sound waves from current flow.

SWITCH, MANUAL



1. NORMALLY OPEN

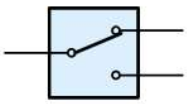


2. NORMALLY CLOSED

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

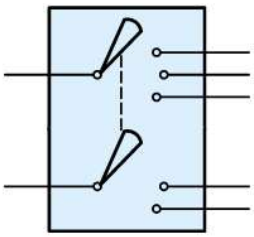
SWITCH, DOUBLE THROW

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



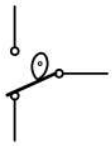
SWITCH, IGNITION

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



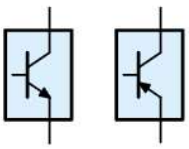
SWITCH, WIPER PARK

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

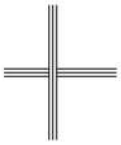


TRANSISTOR

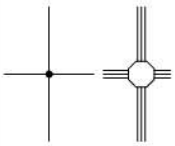
A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".



WIRES



(1) NOT CONNECTED

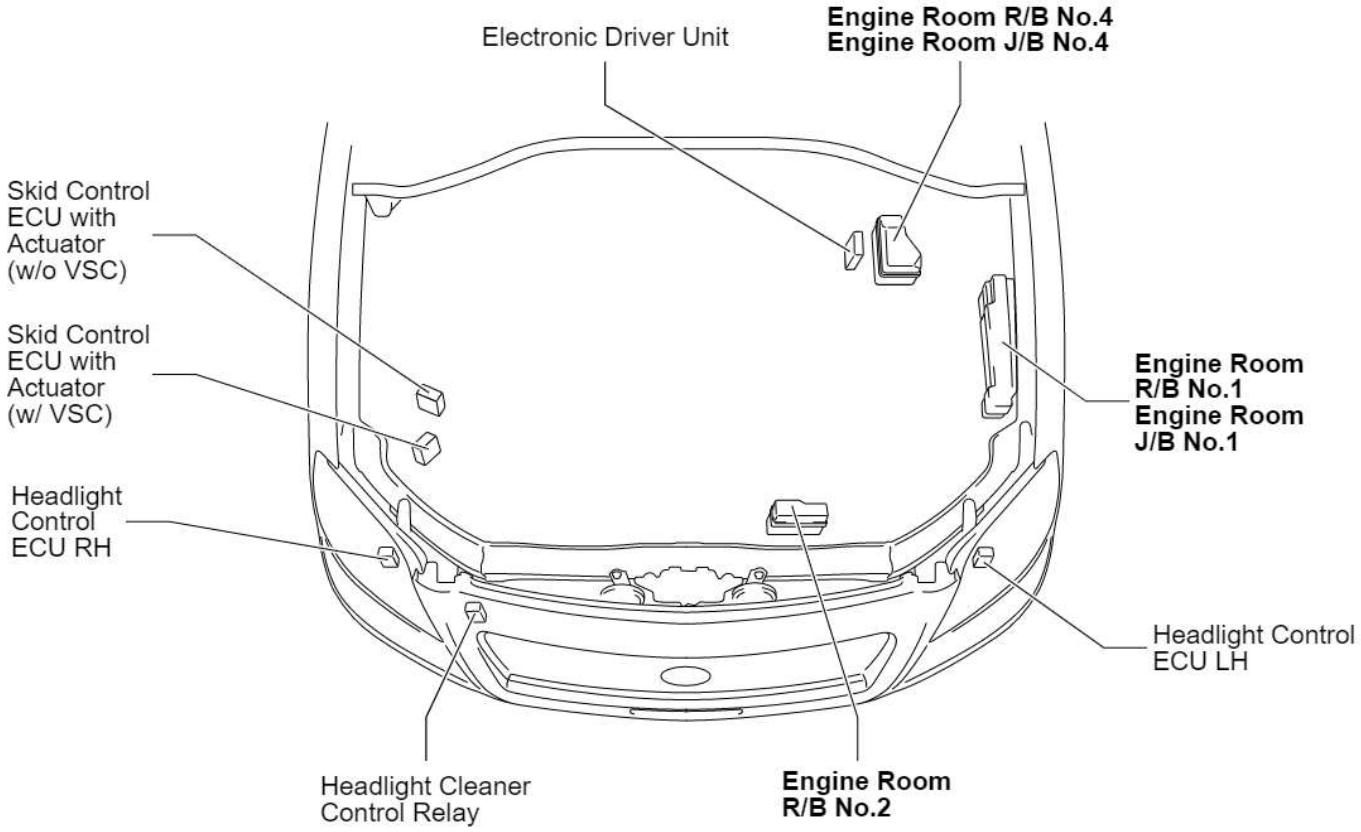


(2) SPLICED

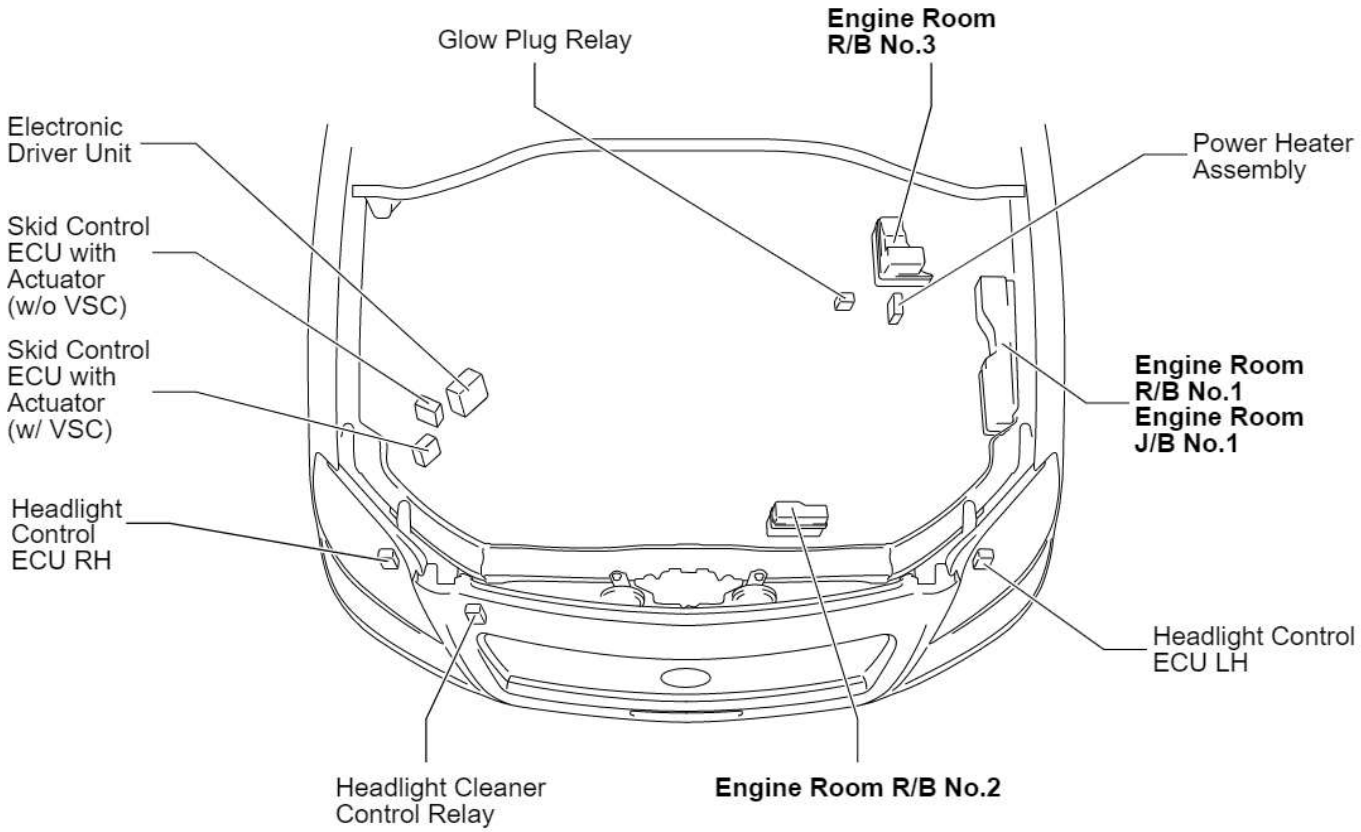
Wires are always drawn as straight lines on wiring diagrams.
Crossed wires (1) without a **black dot at the junction are** not joined;
crossed wires (2) with a black dot or octagonal (⬡) mark at the junction are spliced (joined) connections.

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[Engine Compartment]
(Gasoline)

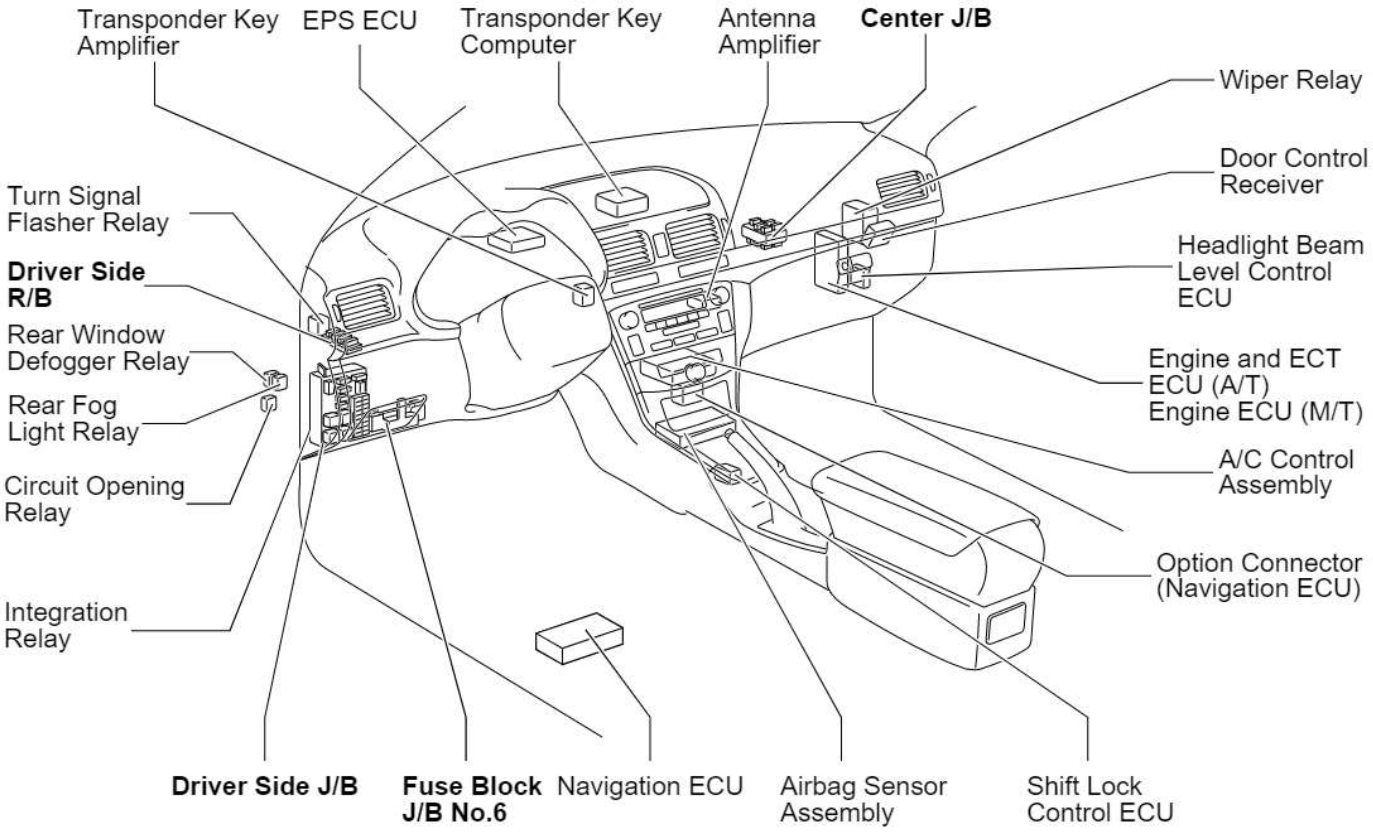


(1CD–FTV)

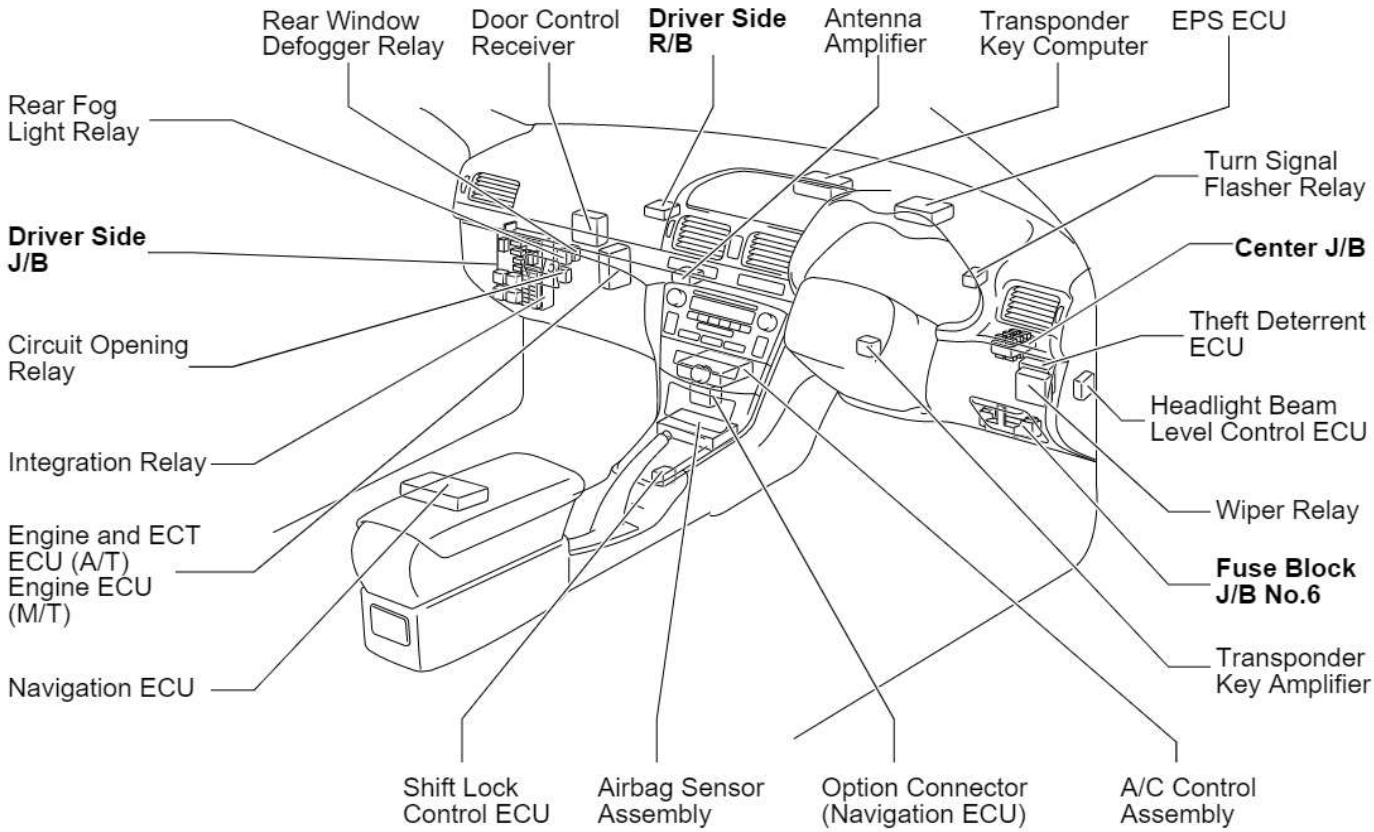


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[Instrument Panel]
(LHD)



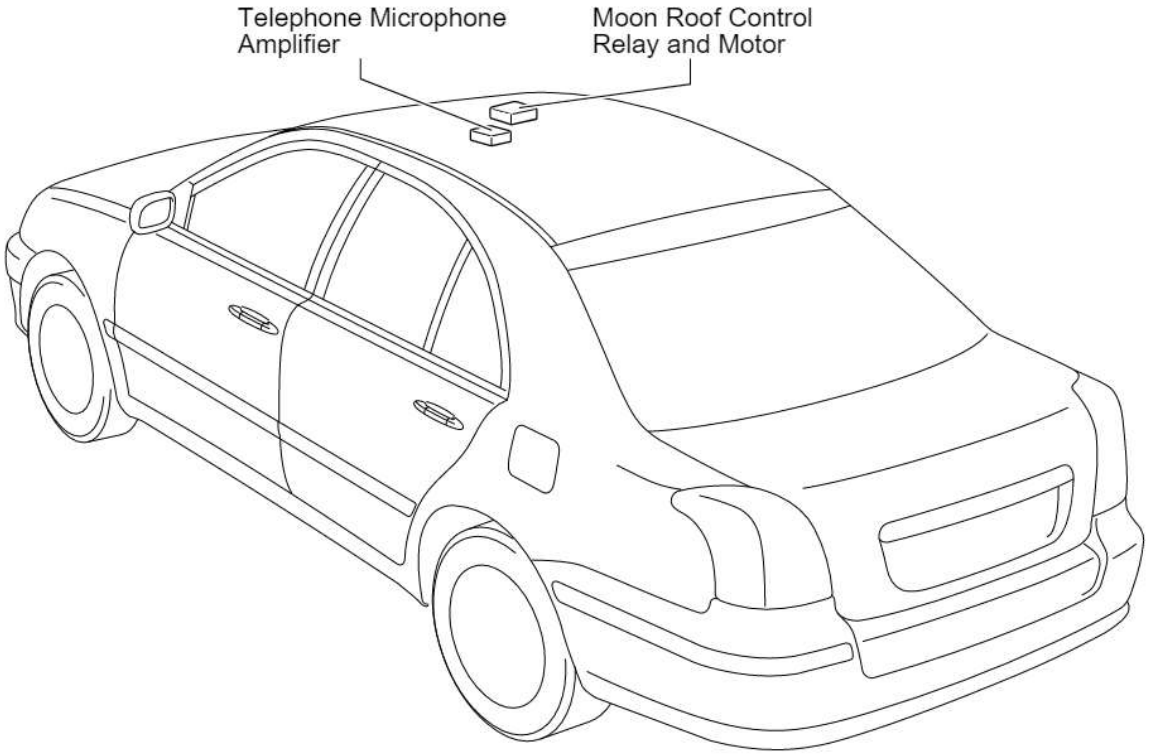
(RHD)



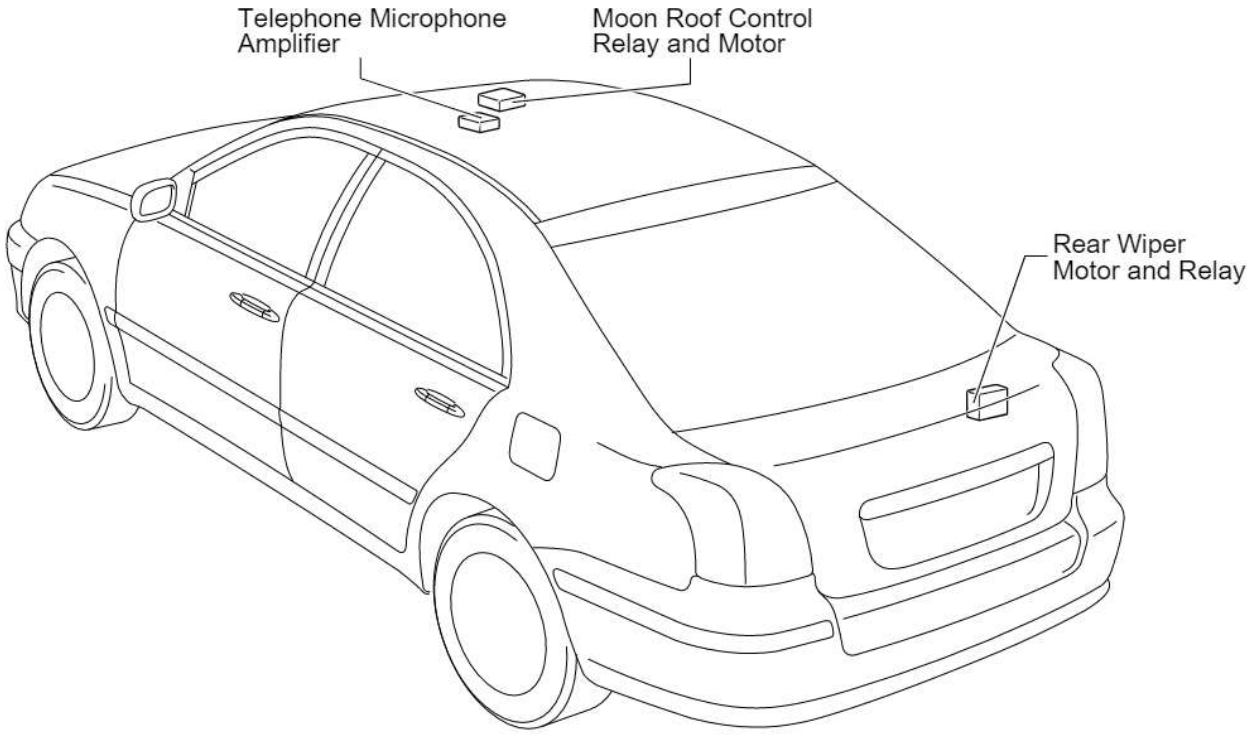
http://vnx.su

F RELAY LOCATIONS

[Body]
(S/D)

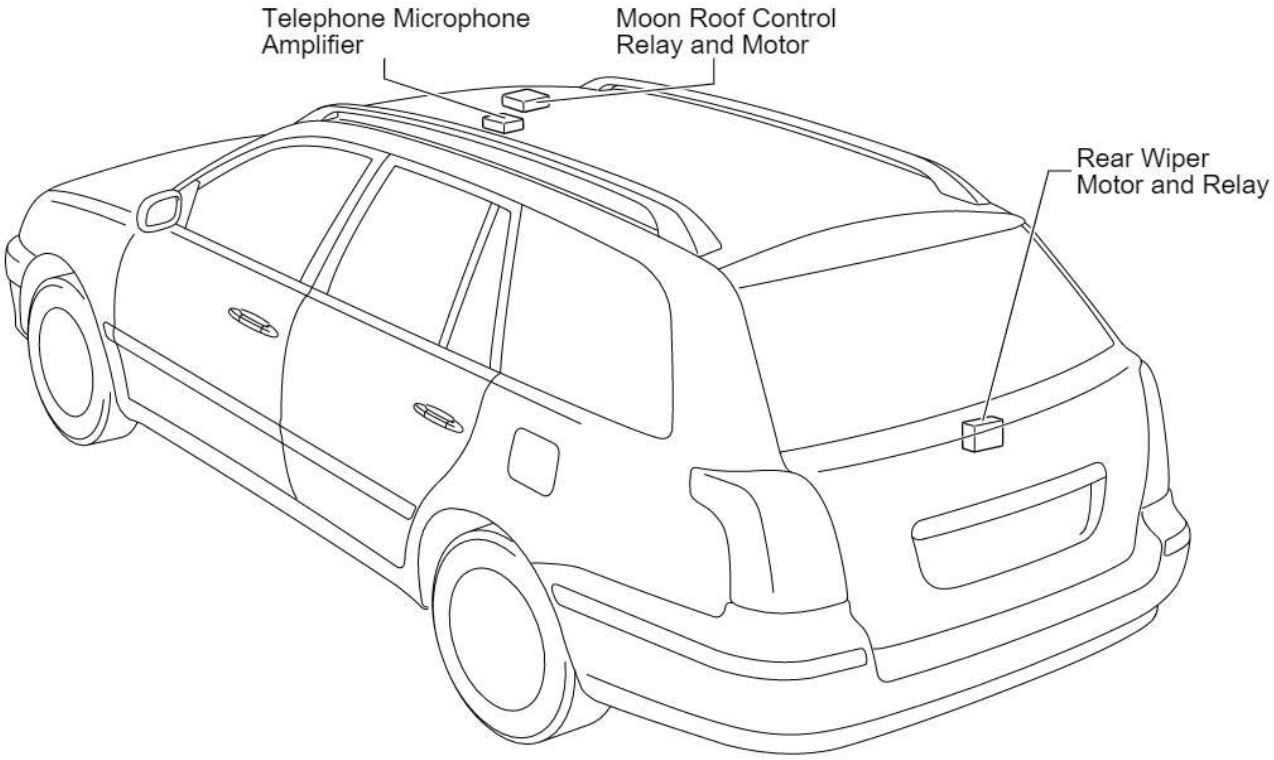


(L/B)



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(W/G)

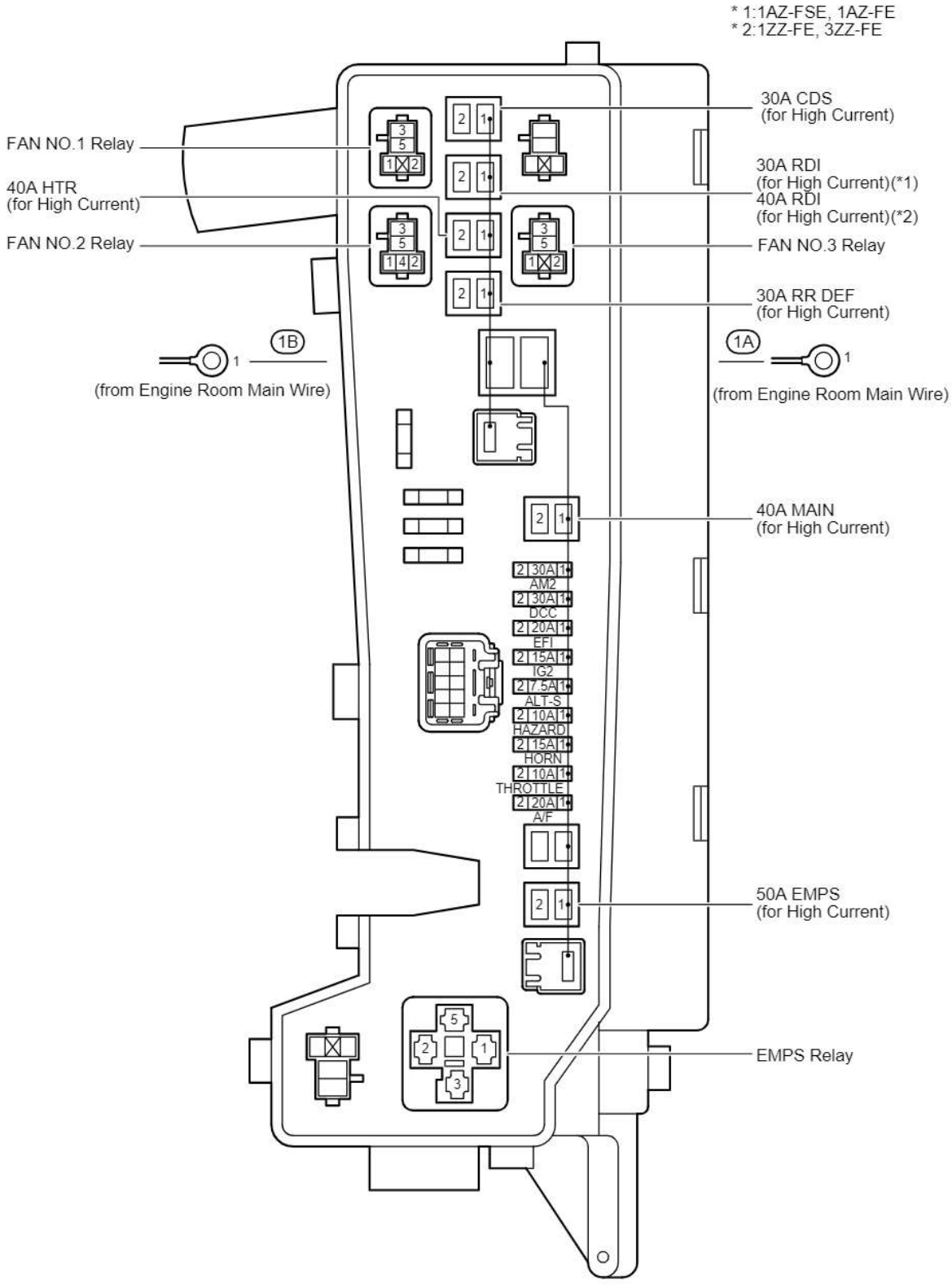


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F RELAY LOCATIONS

① : Engine Room R/B No.1 ⬭ : Engine Room J/B No.1	Engine Compartment Left (See Page 20)

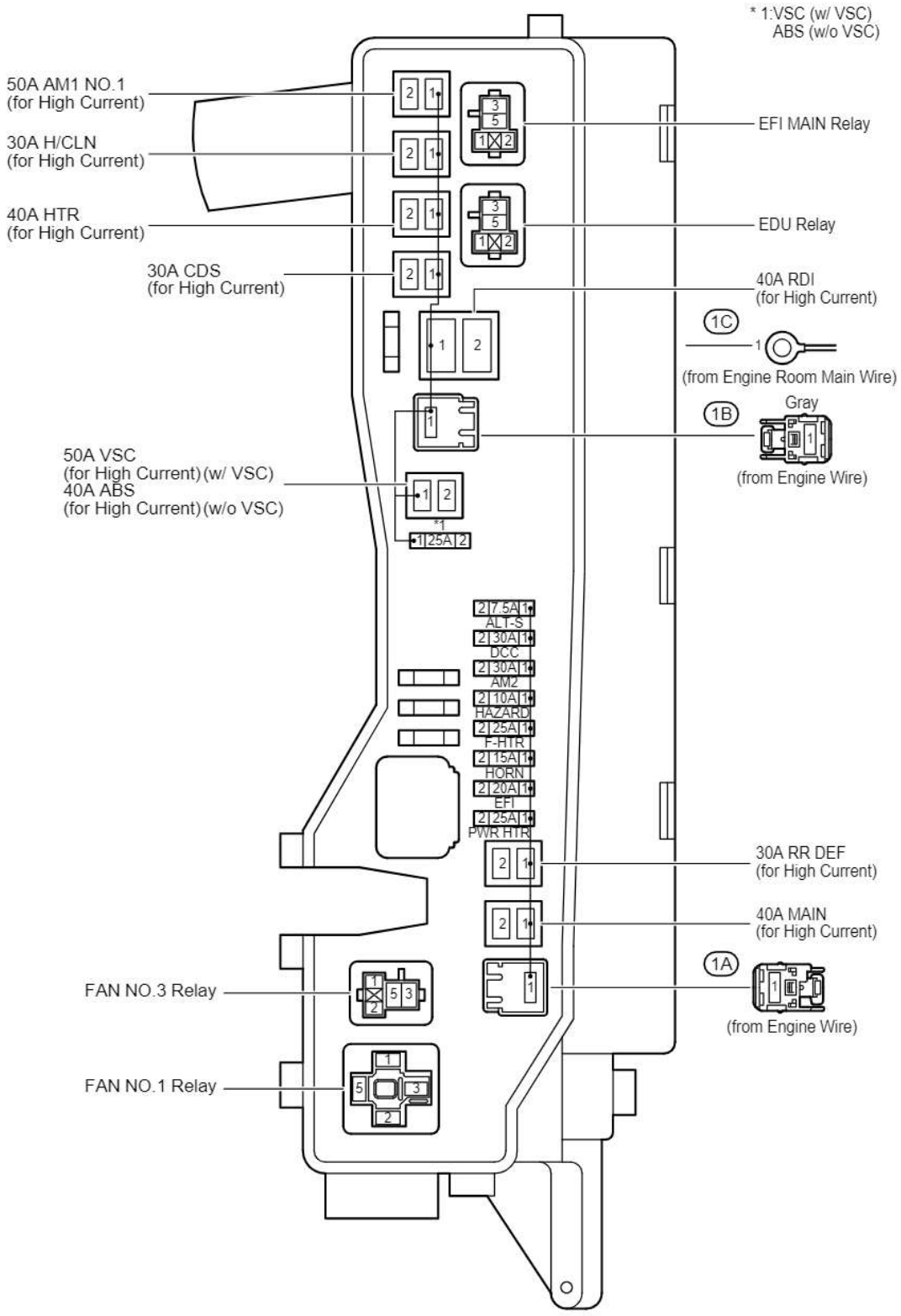
(Gasoline)



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① : Engine Room R/B No.1 ⬭ : Engine Room J/B No.1	Engine Compartment Left (See Page 20)

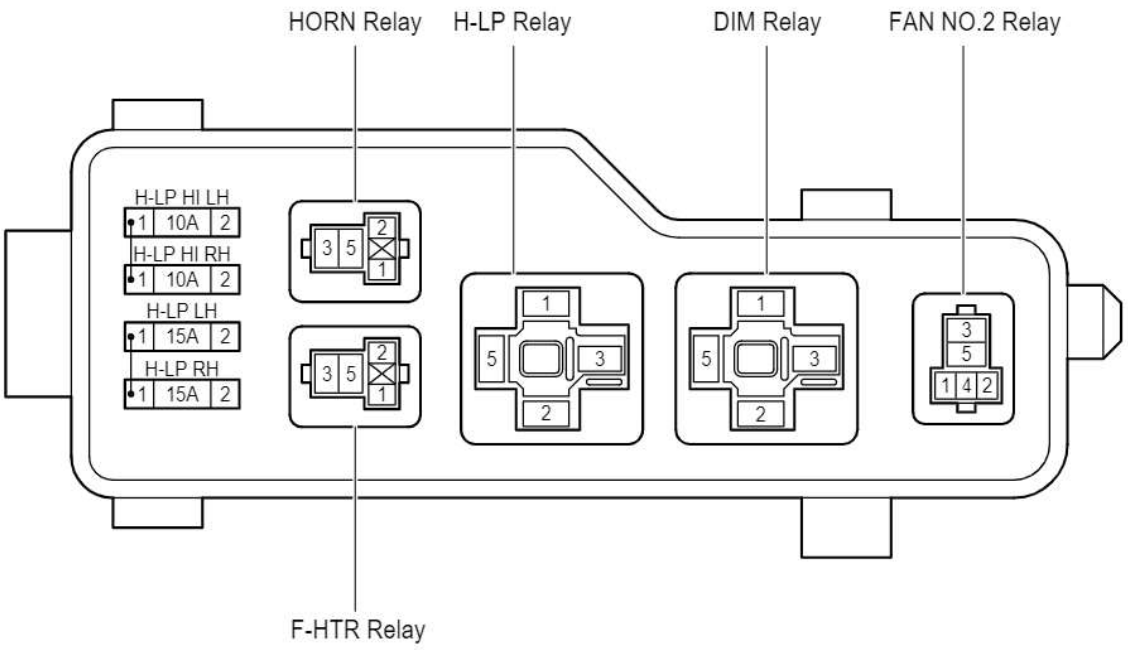
(1CD–FTV)



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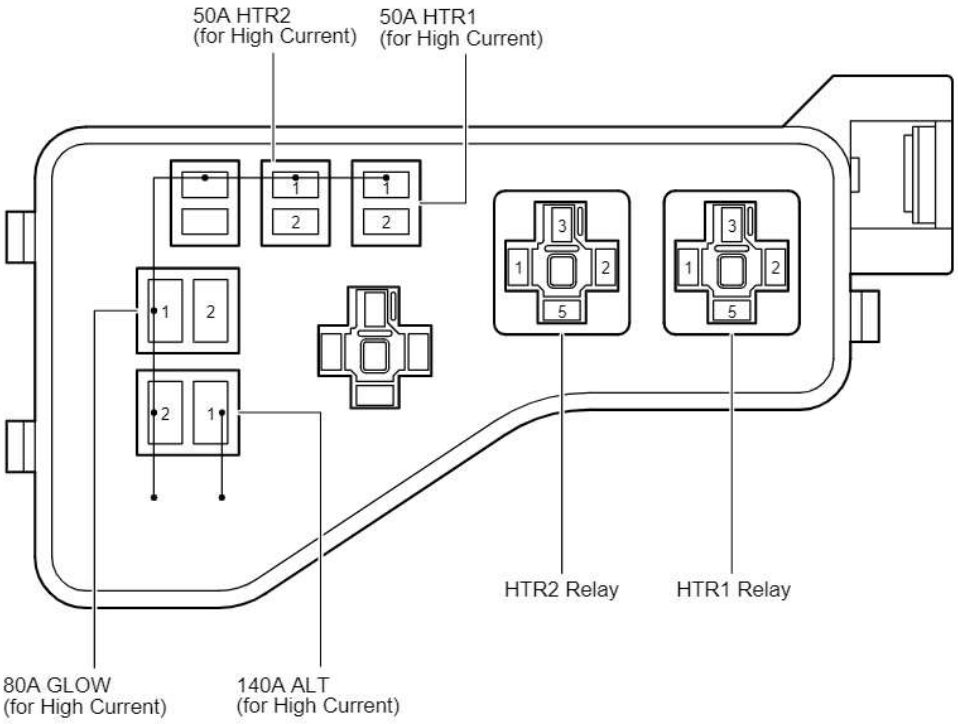
F RELAY LOCATIONS

② : Engine Room R/B No.2	Near the Radiator Fan (See Page 20)



③ : Engine Room R/B No.3	Left Side of the Suspension Tower (See Page 20)

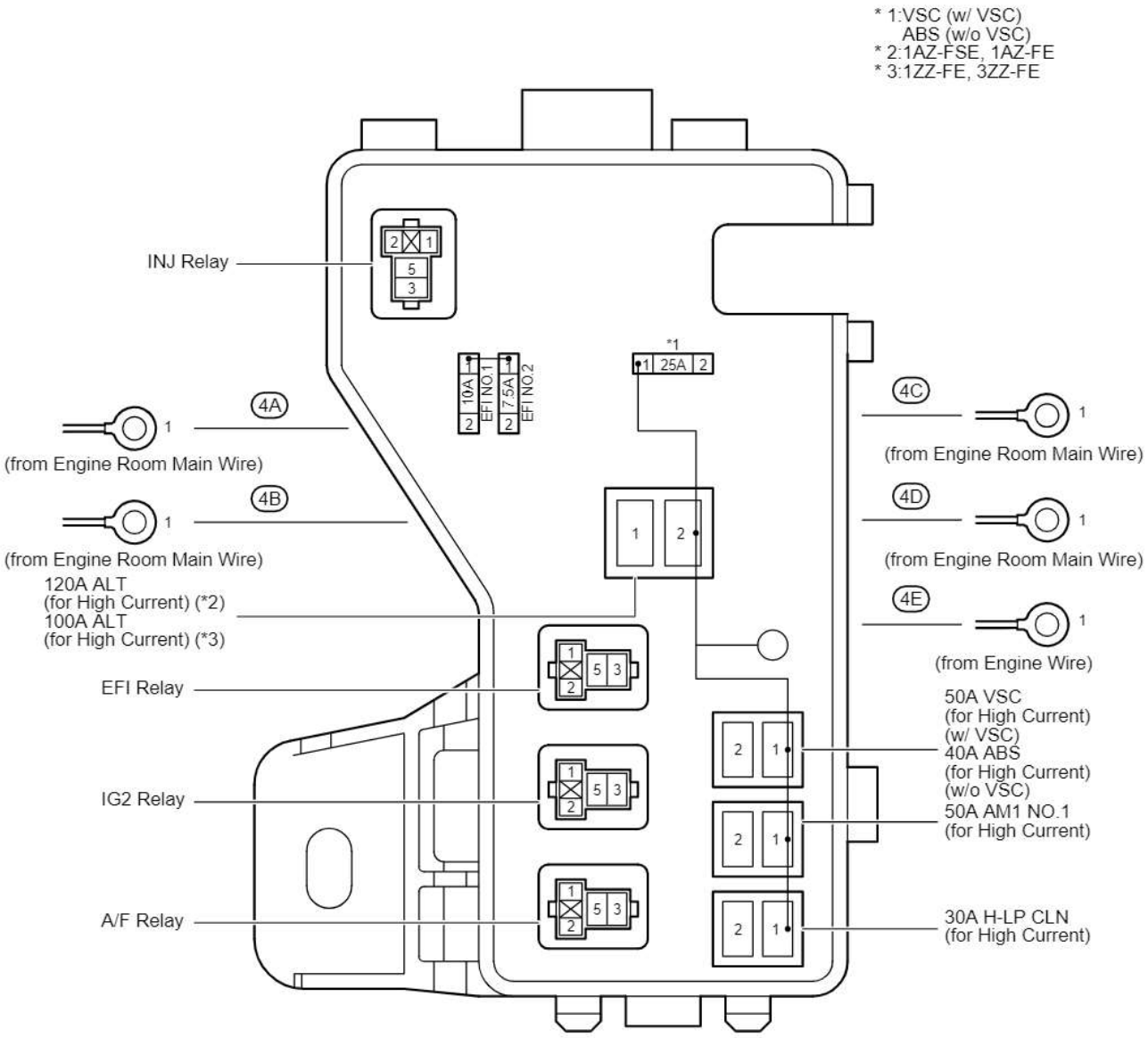
(1CD–FTV)



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④ : Engine Room R/B No.4 ⬭ : Engine Room J/B No.4	Left Side of the Suspension Tower (See Page 20)

(Gasoline)

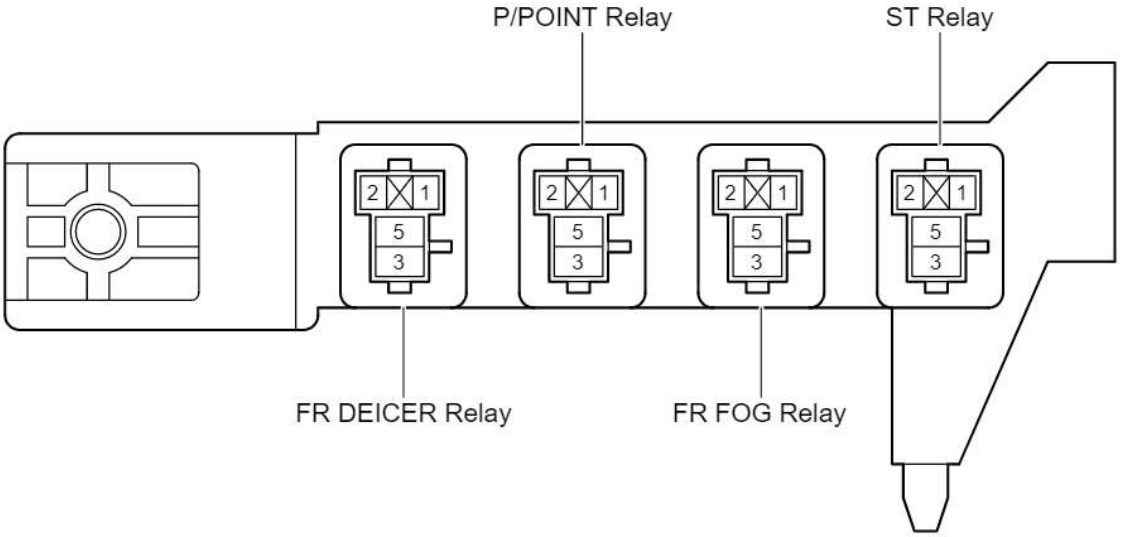


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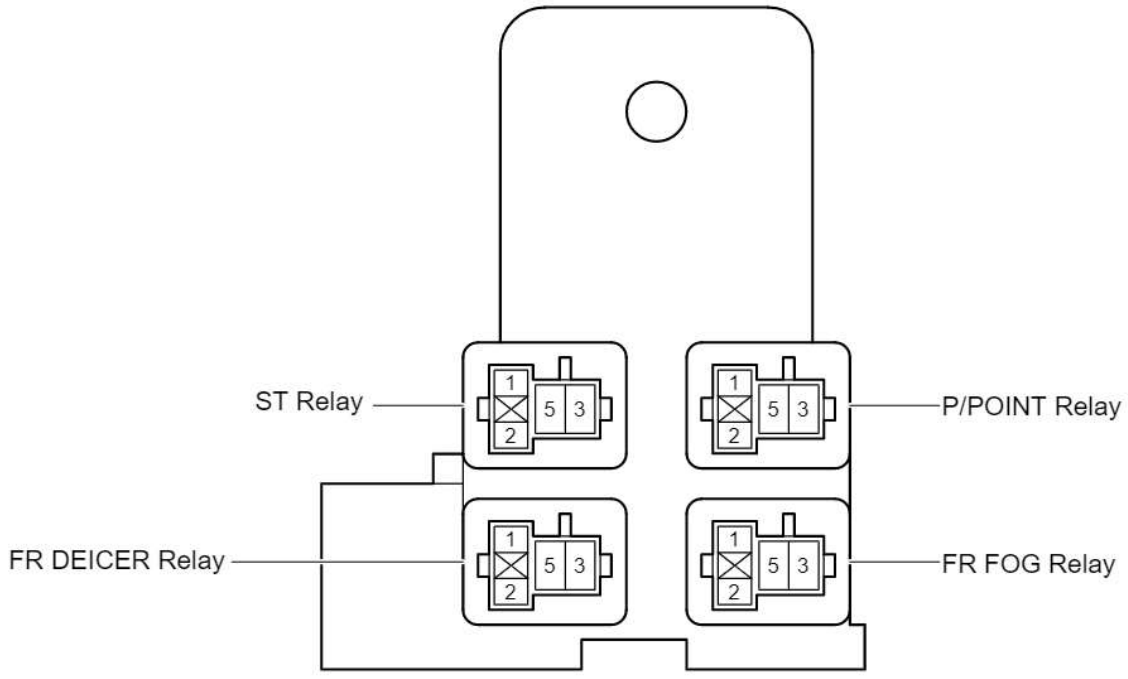
F RELAY LOCATIONS

⑤ : Driver Side R/B	LHD : Left Side of the Instrument Panel (See Page 21)
	RHD : Instrument Panel Reinforcement LH (See Page 21)

(LHD)

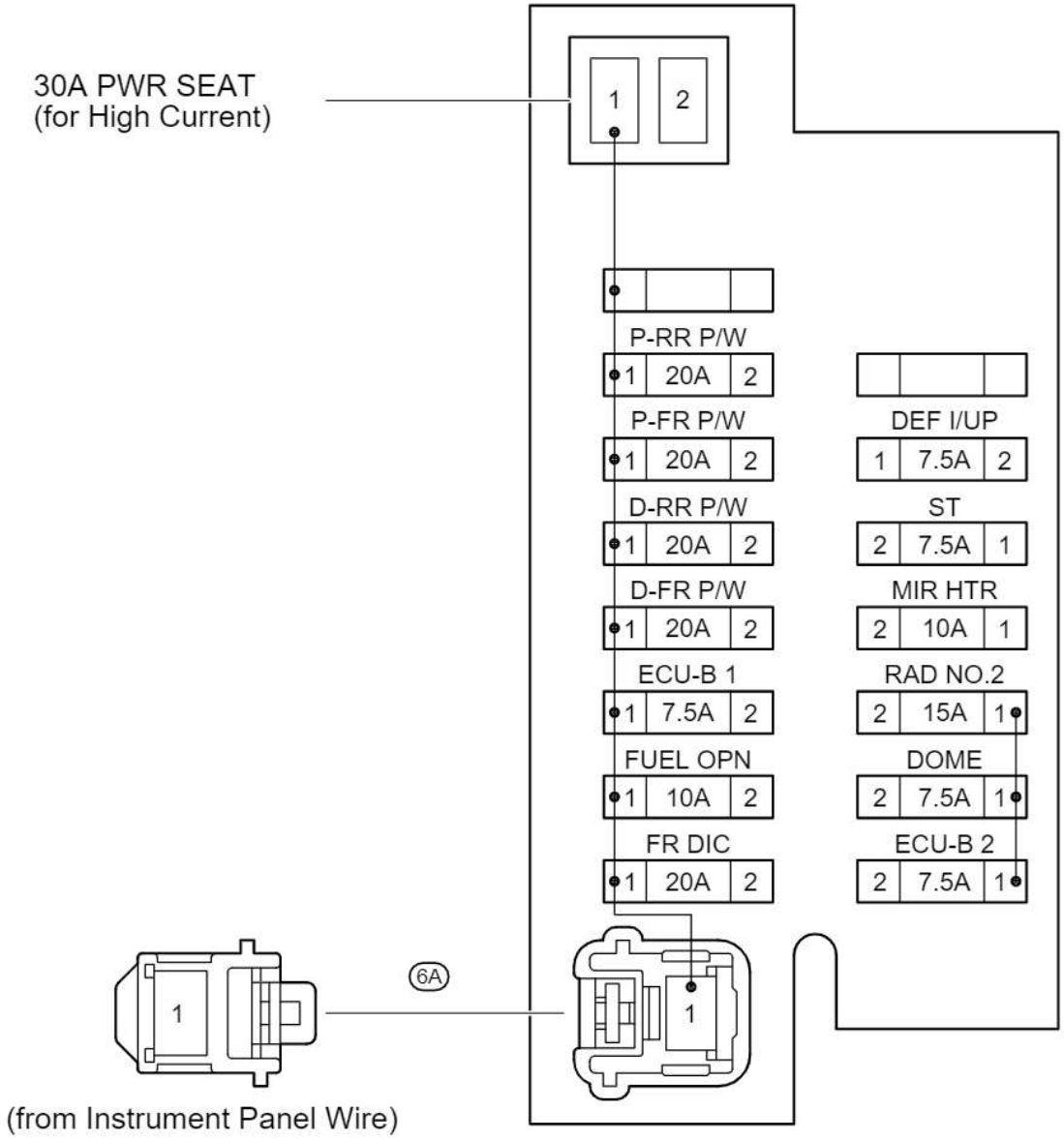


(RHD)



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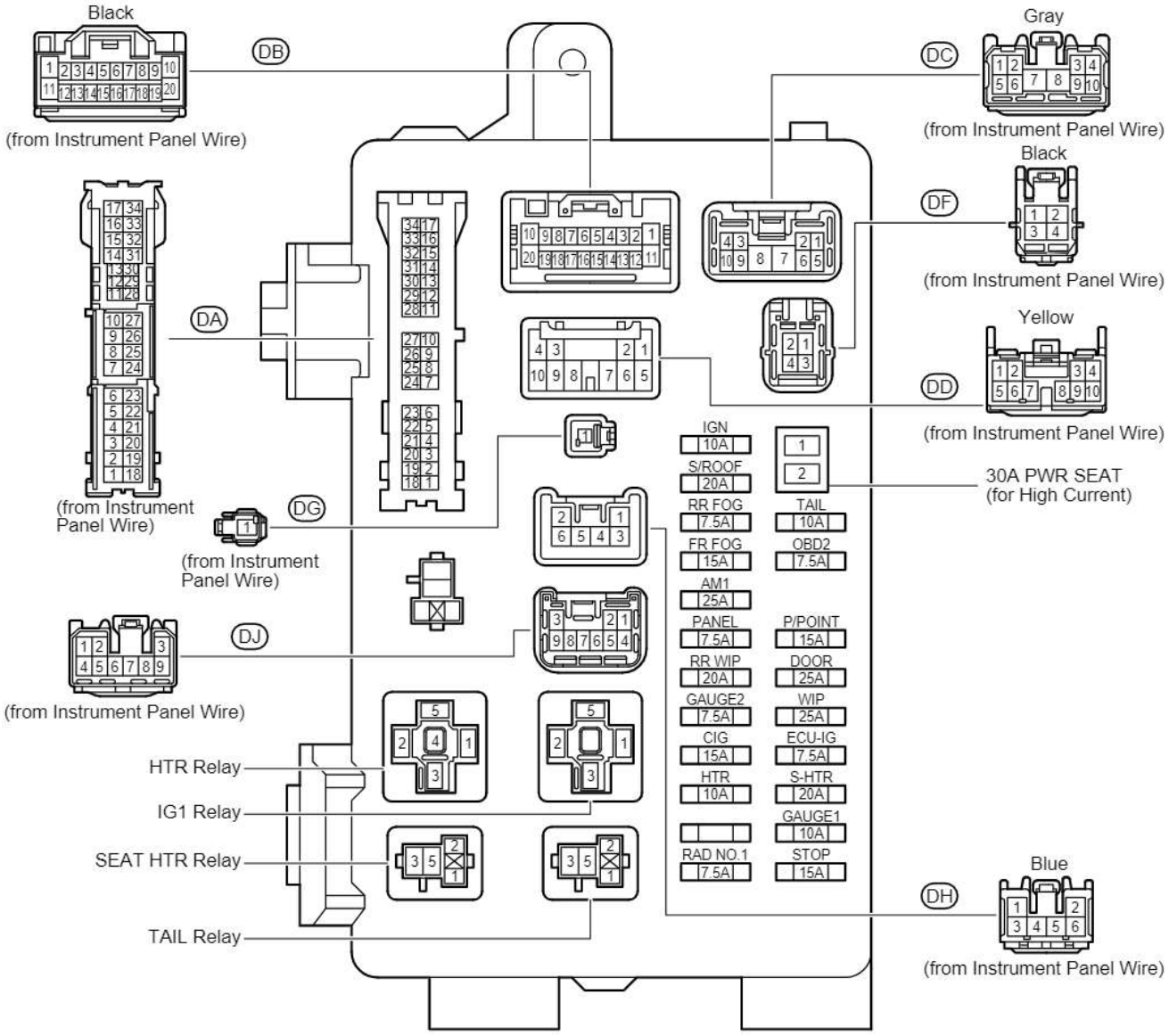
⑥ : Fuse Block ⬭ : J/B No.6	Lower Finish Panel (See Page 21)



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F RELAY LOCATIONS

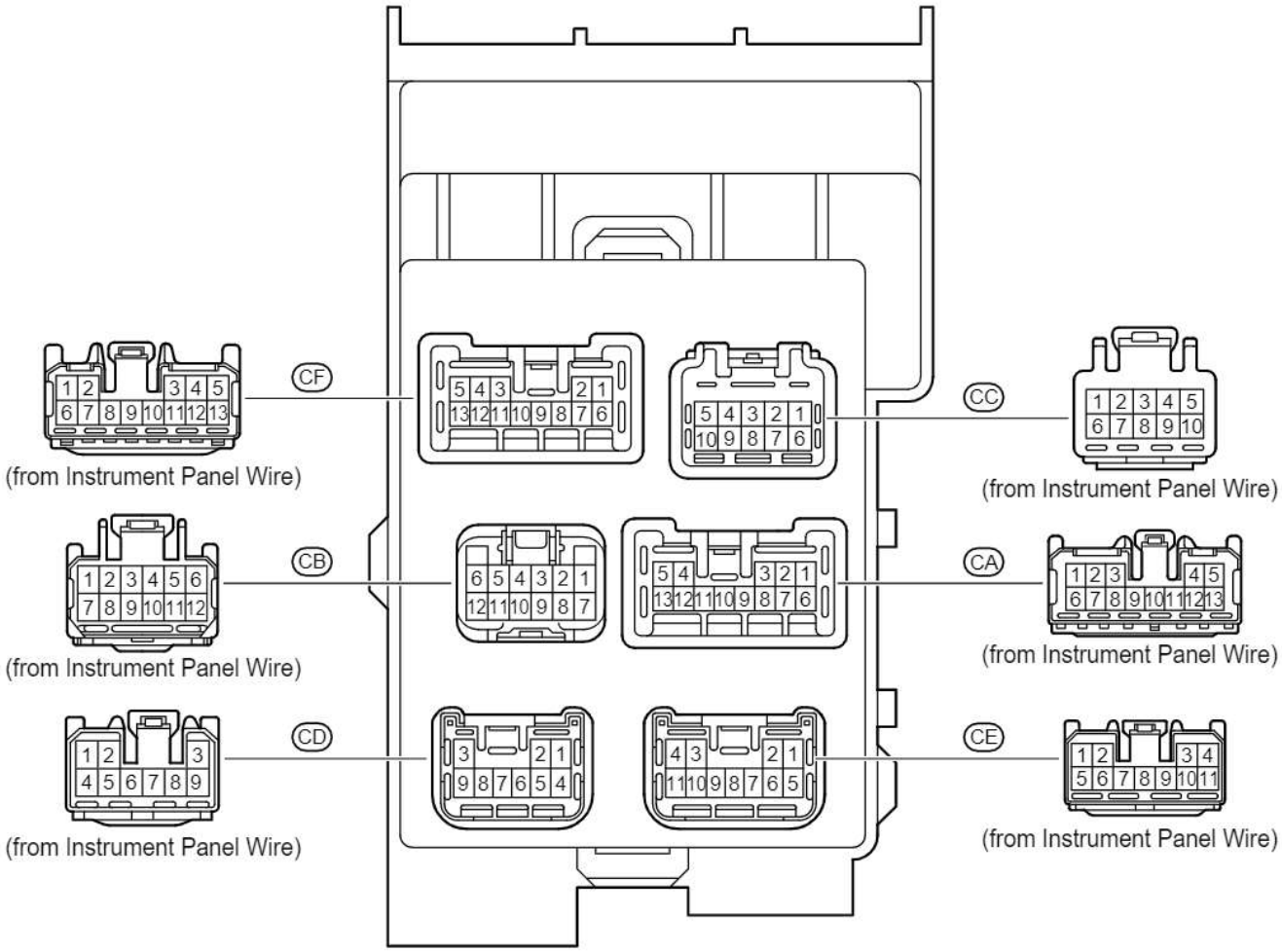
: Driver Side J/B	Left Side of the Instrument Panel (See Page 21)



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F RELAY LOCATIONS

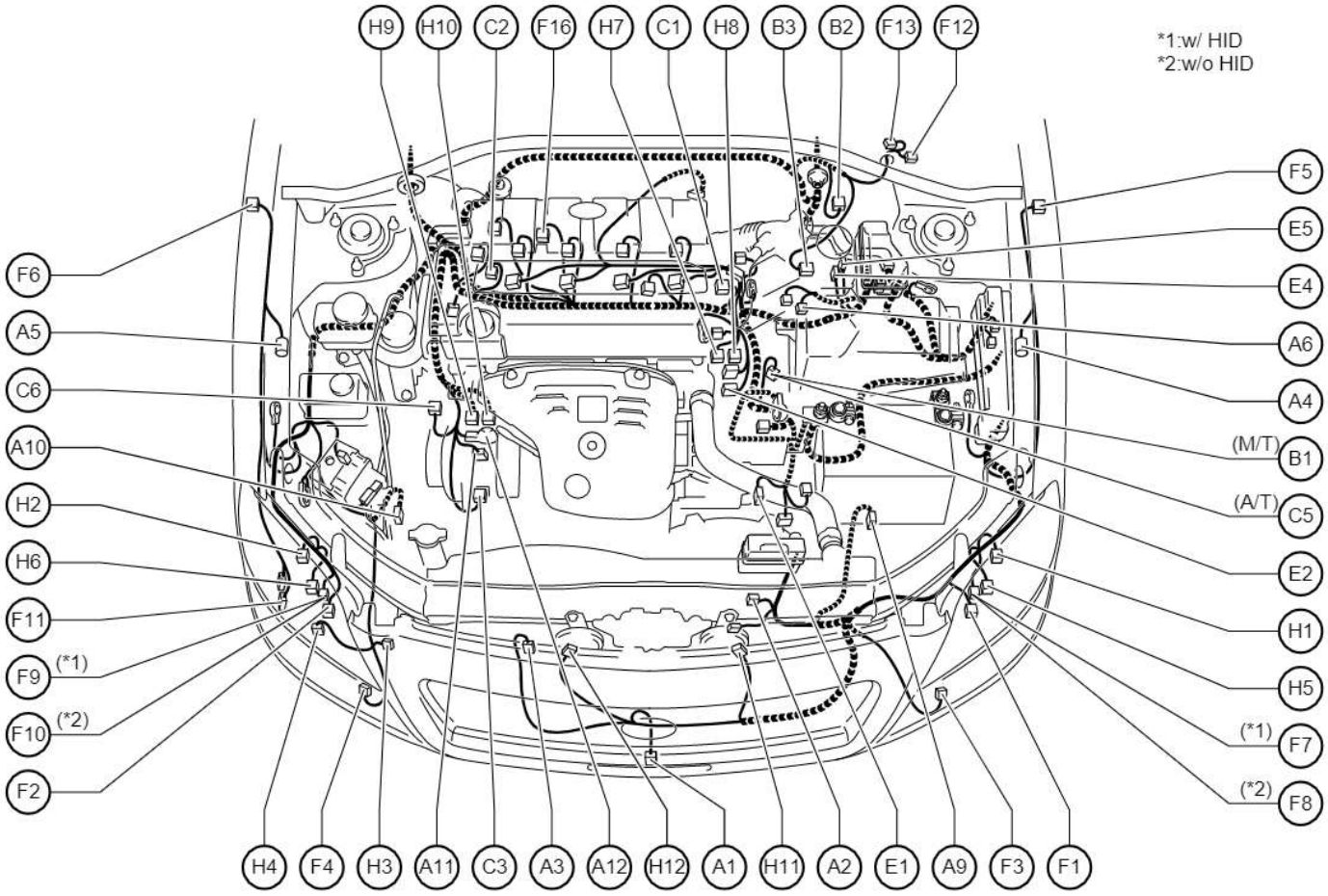
: Center J/B	Instrument Panel Reinforcement RH (See Page 21)



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Position of Parts in Engine Compartment

[LHD : 1AZ–FSE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 2 Brake Booster Pressure Sensor
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Compressor Assembly
C 5 Counter Gear Speed Sensor
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor
E 4 Electronic Driver Unit
E 5 Electronic Driver Unit

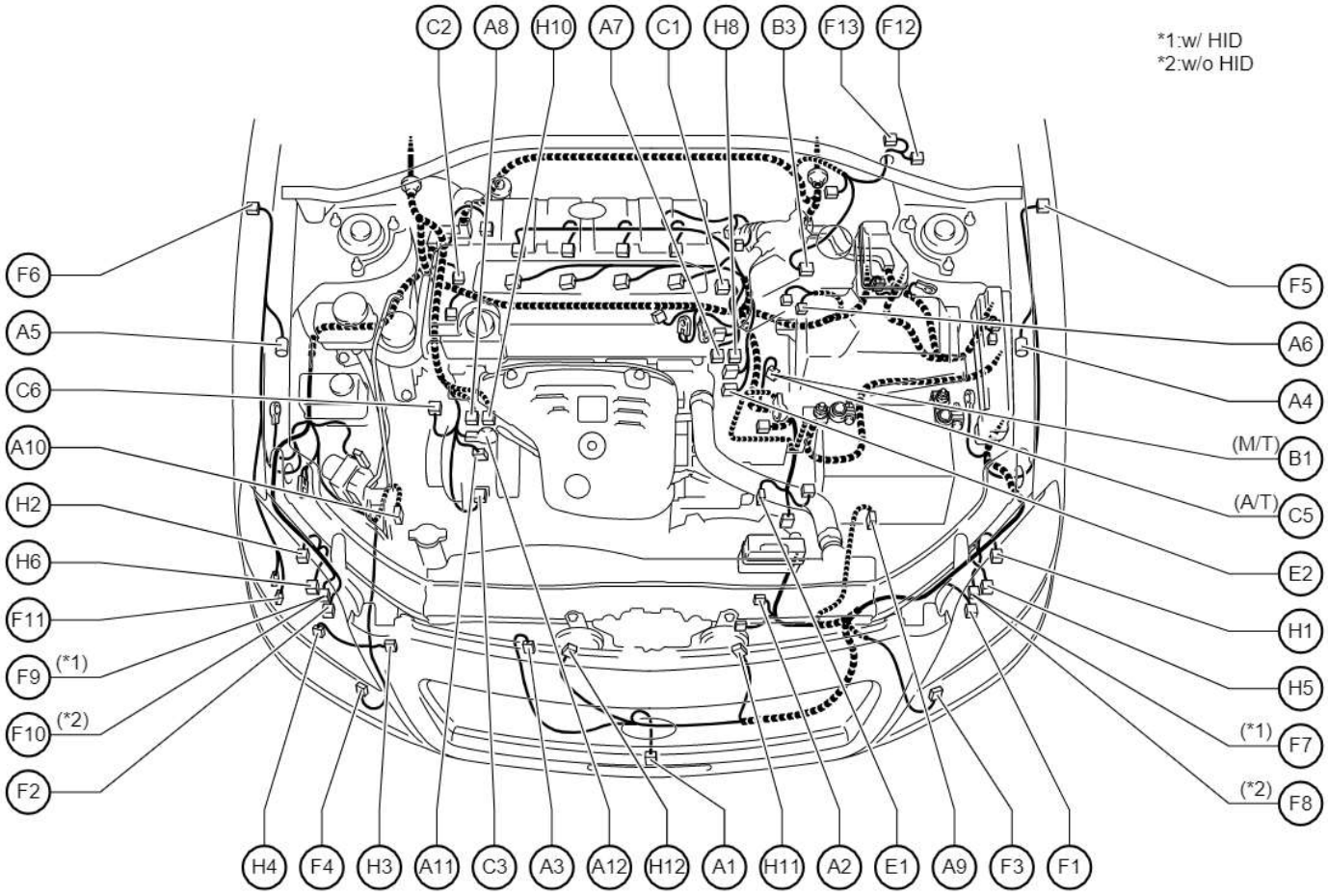
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F12 Front Window Deicer
F13 Front Wiper Motor
F16 Fuel Pressure Sensor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
H 8 Heated Oxygen Sensor (Bank 1 Sensor 2)
H 9 Heated Oxygen Sensor (Bank 2 Sensor 1)
H10 Heated Oxygen Sensor (Bank 2 Sensor 2)
H11 Horn LH
H12 Horn RH

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Position of Parts in Engine Compartment

[LHD : 1AZ–FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 7 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
A 8 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Compressor Assembly
C 5 Counter Gear Speed Sensor
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor

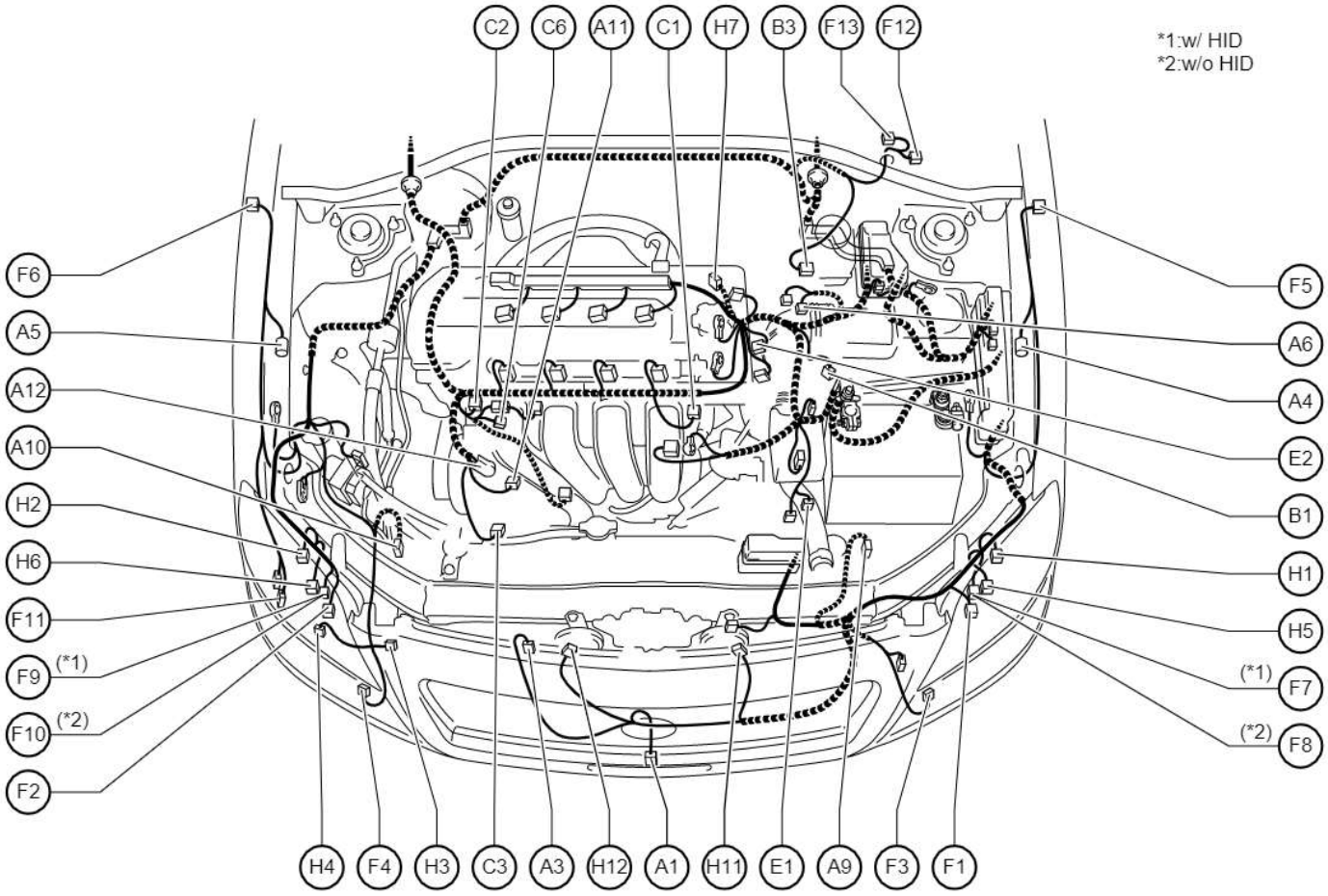
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F12 Front Window Deicer
F13 Front Wiper Motor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H 8 Heated Oxygen Sensor (Bank 1 Sensor 2)
H10 Heated Oxygen Sensor (Bank 2 Sensor 2)
H11 Horn LH
H12 Horn RH

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Position of Parts in Engine Compartment

[LHD : 1ZZ–FE, 3ZZ–FE]



A 1 A/C Ambient Temp. Sensor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Compressor Assembly
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor

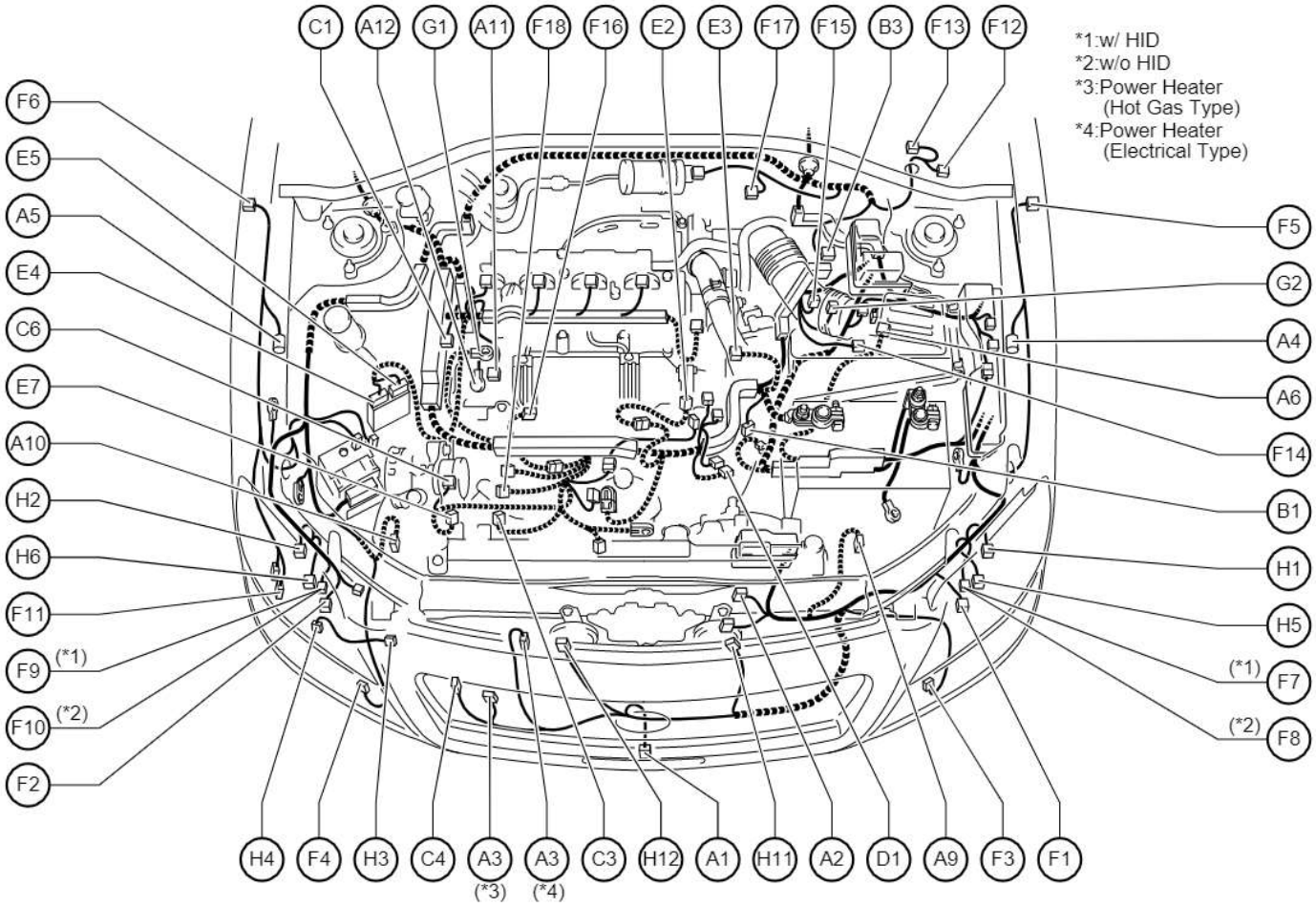
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F12 Front Window Deicer
F13 Front Wiper Motor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
H11 Horn LH
H12 Horn RH

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Position of Parts in Engine Compartment

[LHD : 1CD–FTV]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 3 Compressor Assembly
C 4 Condenser Assembly
C 6 Crankshaft Position Sensor

D 1 Diesel Throttle Control Motor

E 2 EFI Water Temp. Sensor
E 3 EGR Valve Control Motor
E 4 Electronic Driver Unit
E 5 Electronic Driver Unit
E 7 Engine Oil Level Sensor

F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F12 Front Window Deicer
F13 Front Wiper Motor
F14 Fuel Filter Warning SW
F15 Fuel Heater
F16 Fuel Pressure Sensor
F17 Fuel Pump
F18 Fuel Temp. Sensor

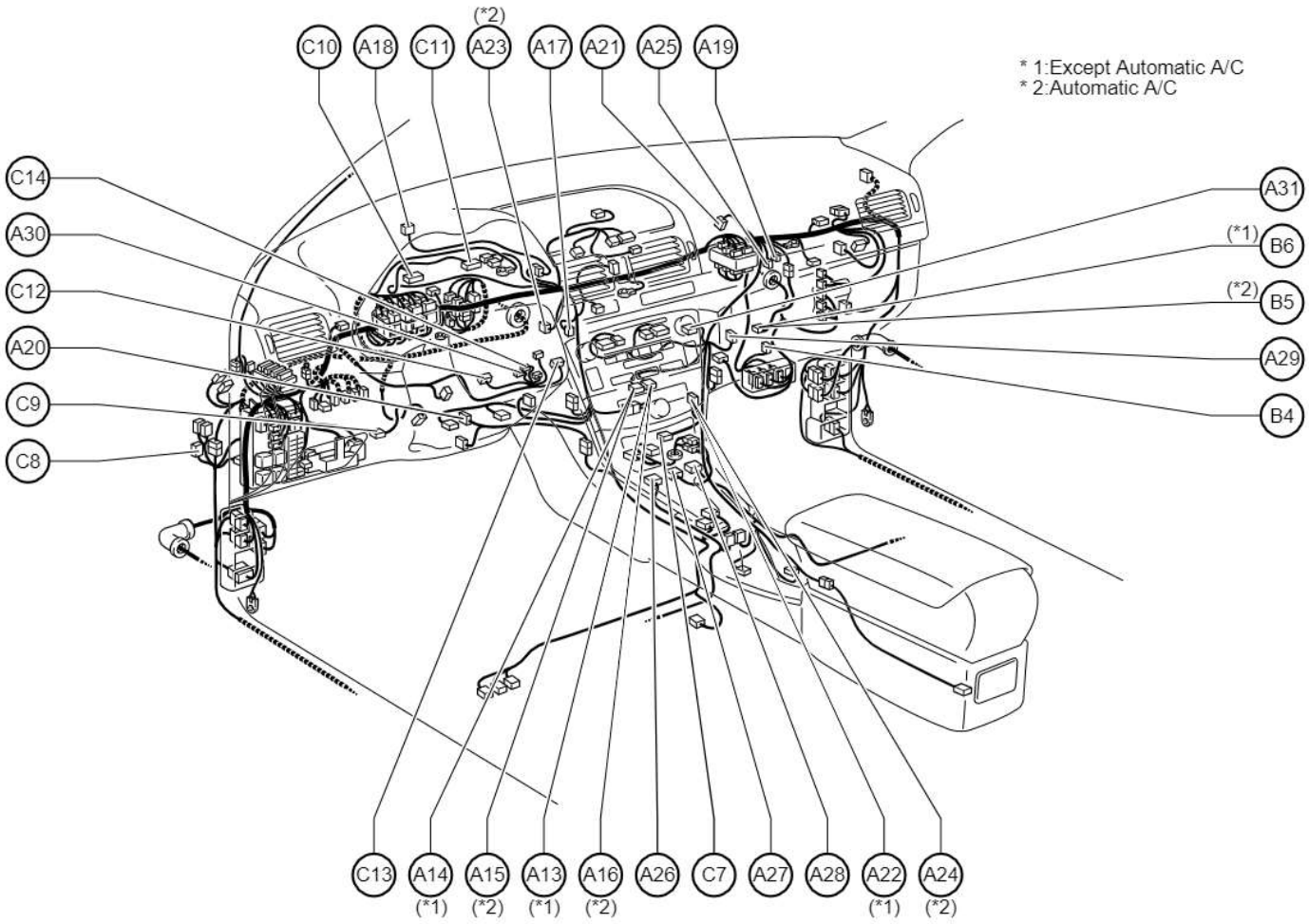
G 1 Glow Plug
G 2 Glow Plug Relay

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H11 Horn LH
H12 Horn RH

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Position of Parts in Instrument Panel

[LHD]



A13 A/C Control Assembly
A14 A/C Control Assembly
A15 A/C Control Assembly
A16 A/C Control Assembly
A17 A/C Room Temp. Sensor
A18 A/C Solar Sensor
A19 A/C Thermistor
A20 Accel Position Sensor
A21 Air Inlet Control Servo Motor
A22 Air Mix Control Servo Motor
A23 Air Mix Control Servo Motor (Driver Side)
A24 Air Mix Control Servo Motor (Front Passenger Side)
A25 Air Vent Mode Control Servo Motor
A26 Airbag Sensor Assembly
A27 Airbag Sensor Assembly
A28 Airbag Sensor Assembly
A29 Airbag Squib (Front Passenger Airbag Assembly)
A30 Airbag Squib (Steering Wheel Pad)
A31 Antenna Amplifier

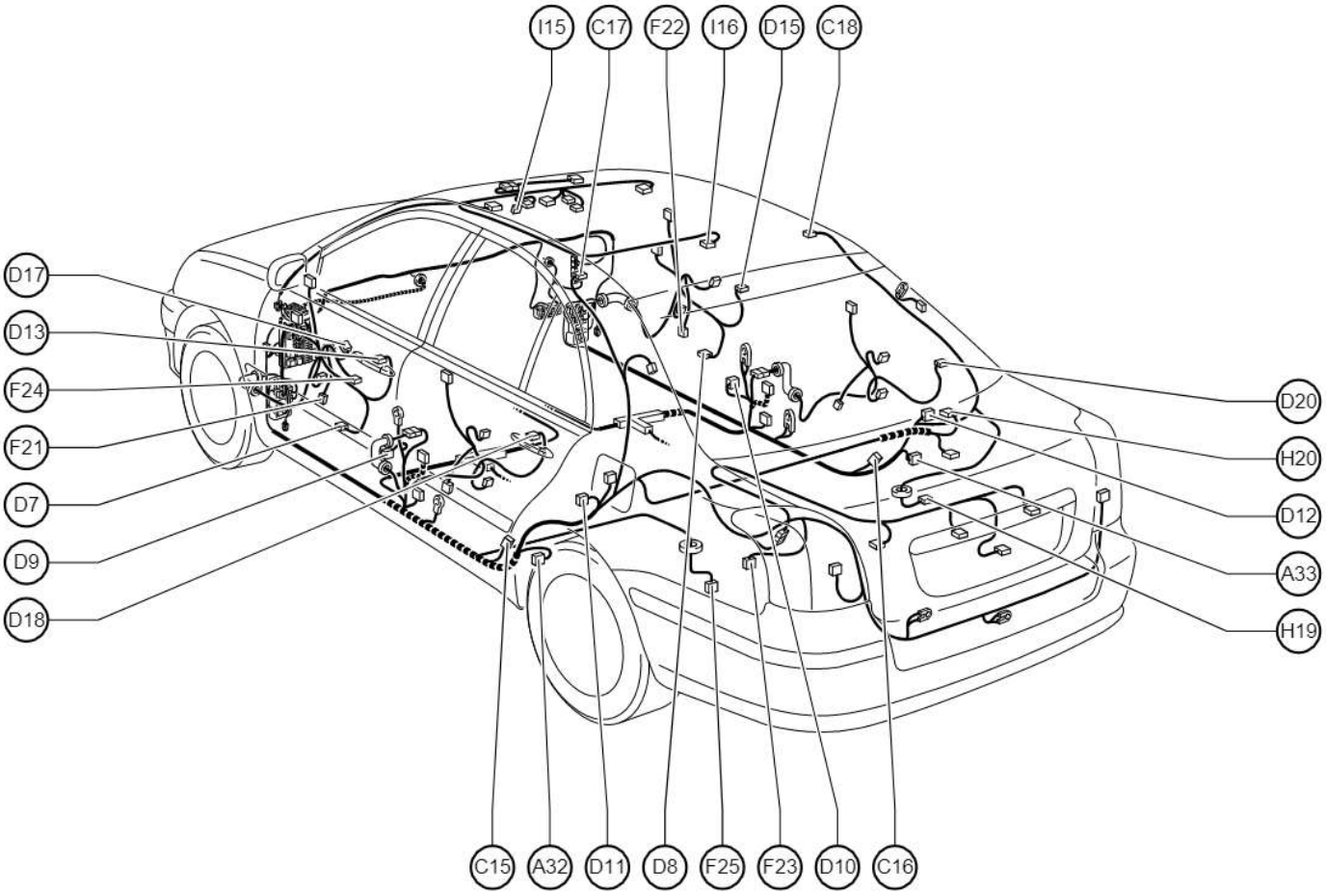
B 4 Blower Motor
B 5 Blower Motor Controller
B 6 Blower Resistor

C 7 Cigarette Lighter
Cigarette Lighter Illumination
C 8 Circuit Opening Relay
C 9 Clutch Start SW
C10 Combination Meter
C11 Combination Meter
C12 Combination SW
C13 Combination SW
C14 Combination SW

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Position of Parts in Body

[LHD : S/D]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D13 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D15 Door Lock Control Motor (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D18 Door Lock Motor Rear LH
D20 Door Lock Motor Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

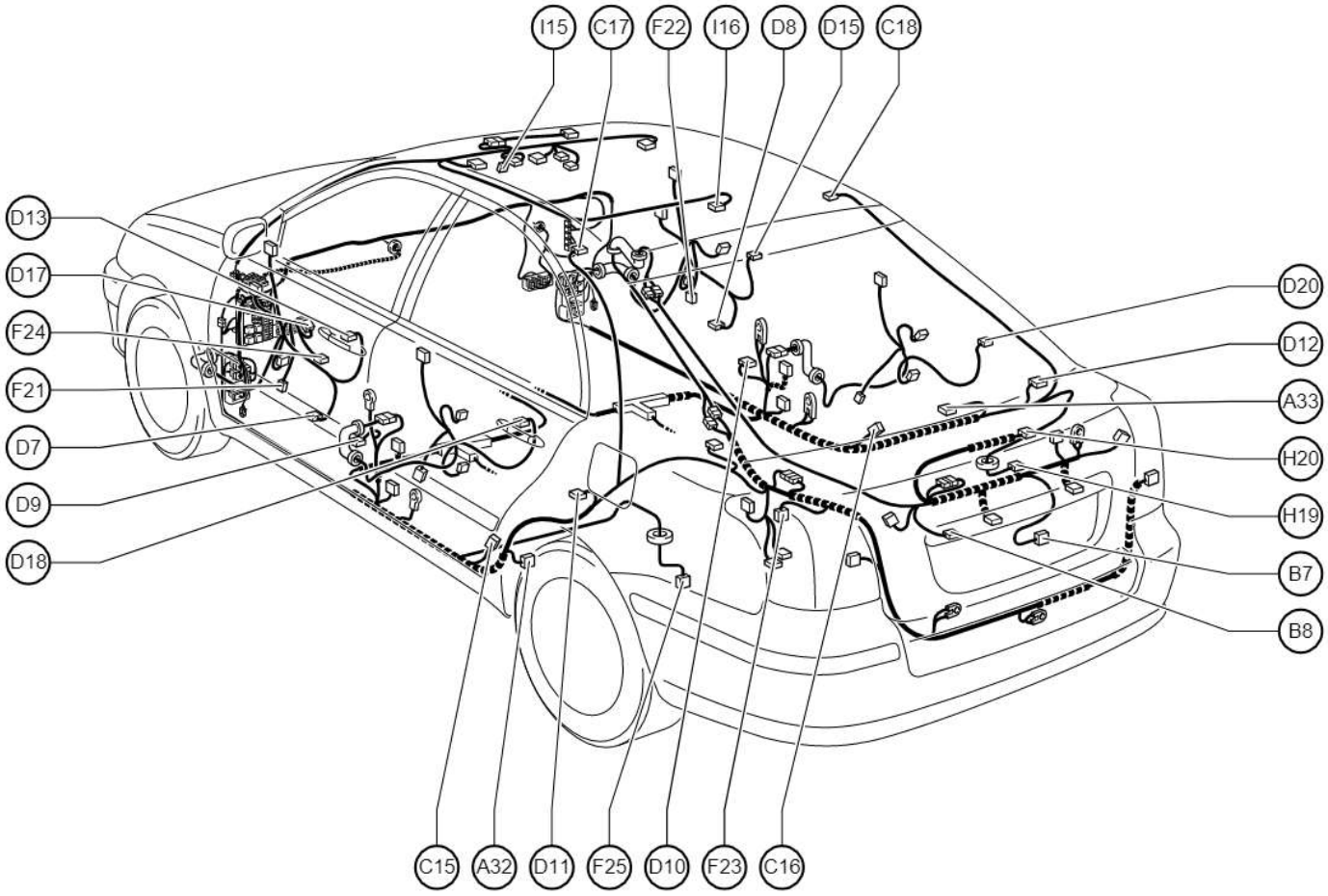
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

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Position of Parts in Body

[LHD : L/B]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Lock Motor
B 8 Back Door Opener SW

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D13 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D15 Door Lock Control Motor (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D18 Door Lock Motor Rear LH
D20 Door Lock Motor Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

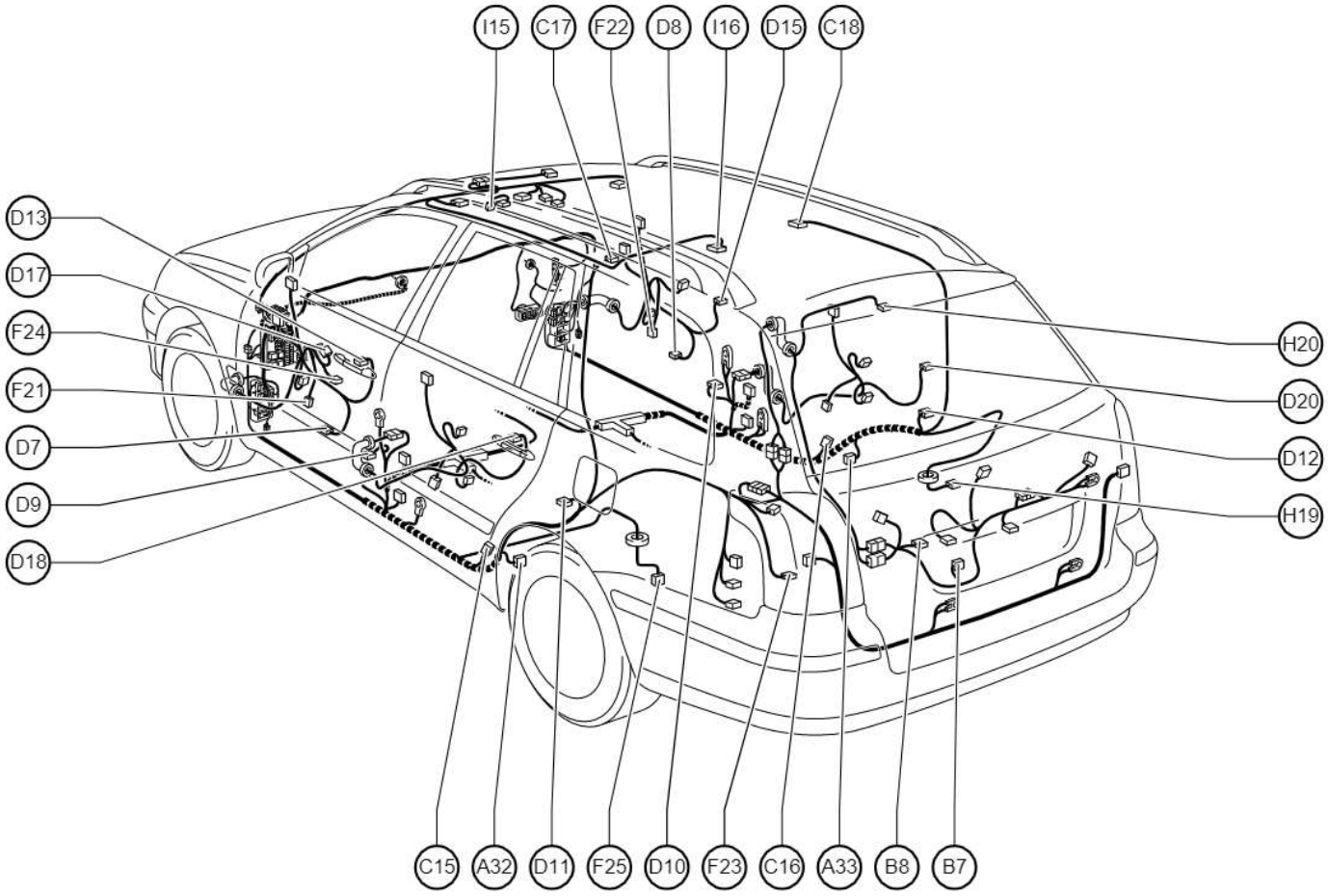
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

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Position of Parts in Body

[LHD : W/G]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Lock Motor
B 8 Back Door Opener SW

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D13 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D15 Door Lock Control Motor (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D18 Door Lock Motor Rear LH
D20 Door Lock Motor Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

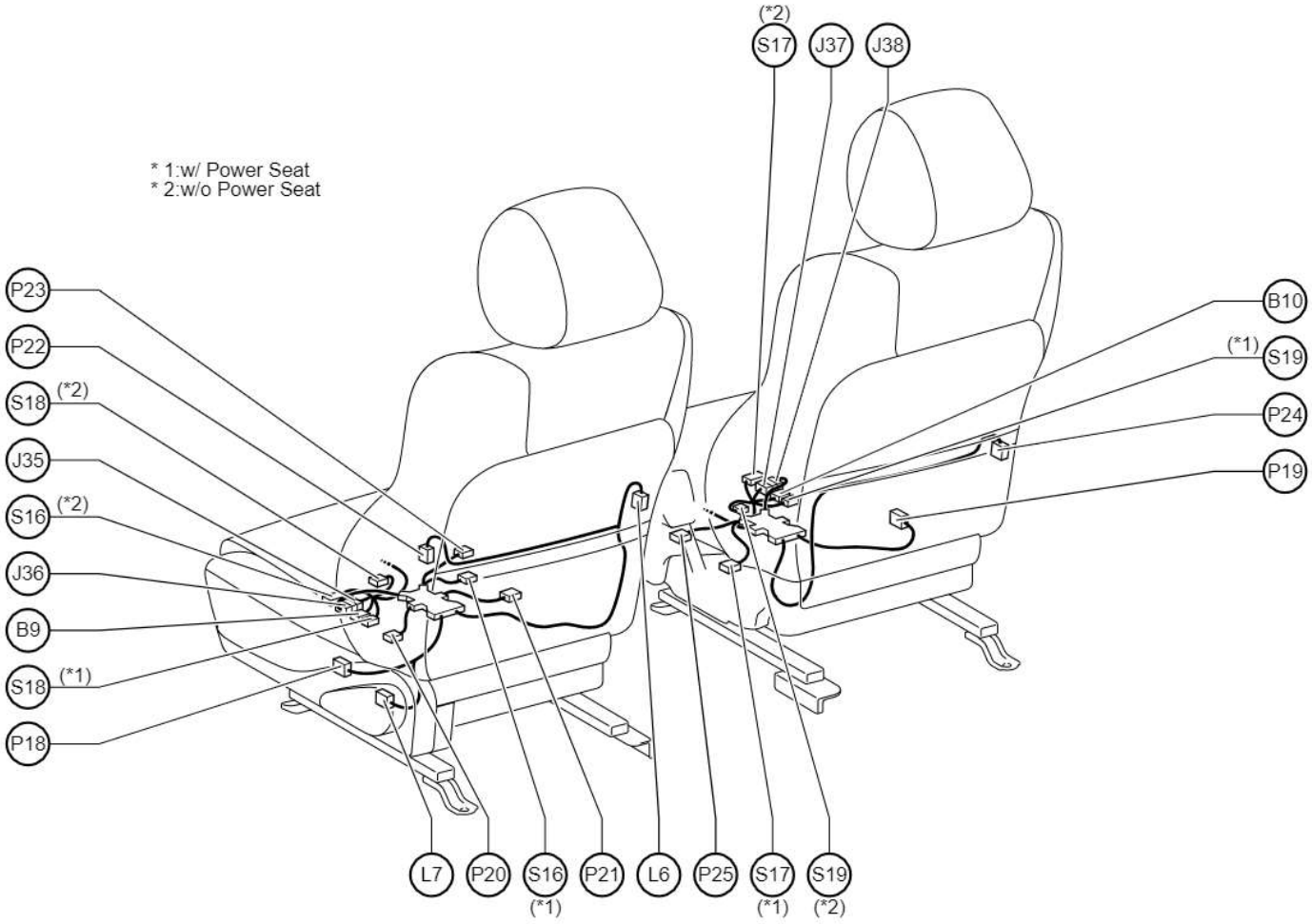
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

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Position of Parts in Seat

[LHD]



B 9 Buckle SW (Driver's Side)
B10 Buckle SW (Front Passenger's Side) Occupant Detection Sensor

J 35 Junction Connector
J 36 Junction Connector
J 37 Junction Connector
J 38 Junction Connector

L 6 Lumbar Support Control Motor
L 7 Lumbar Support Control SW

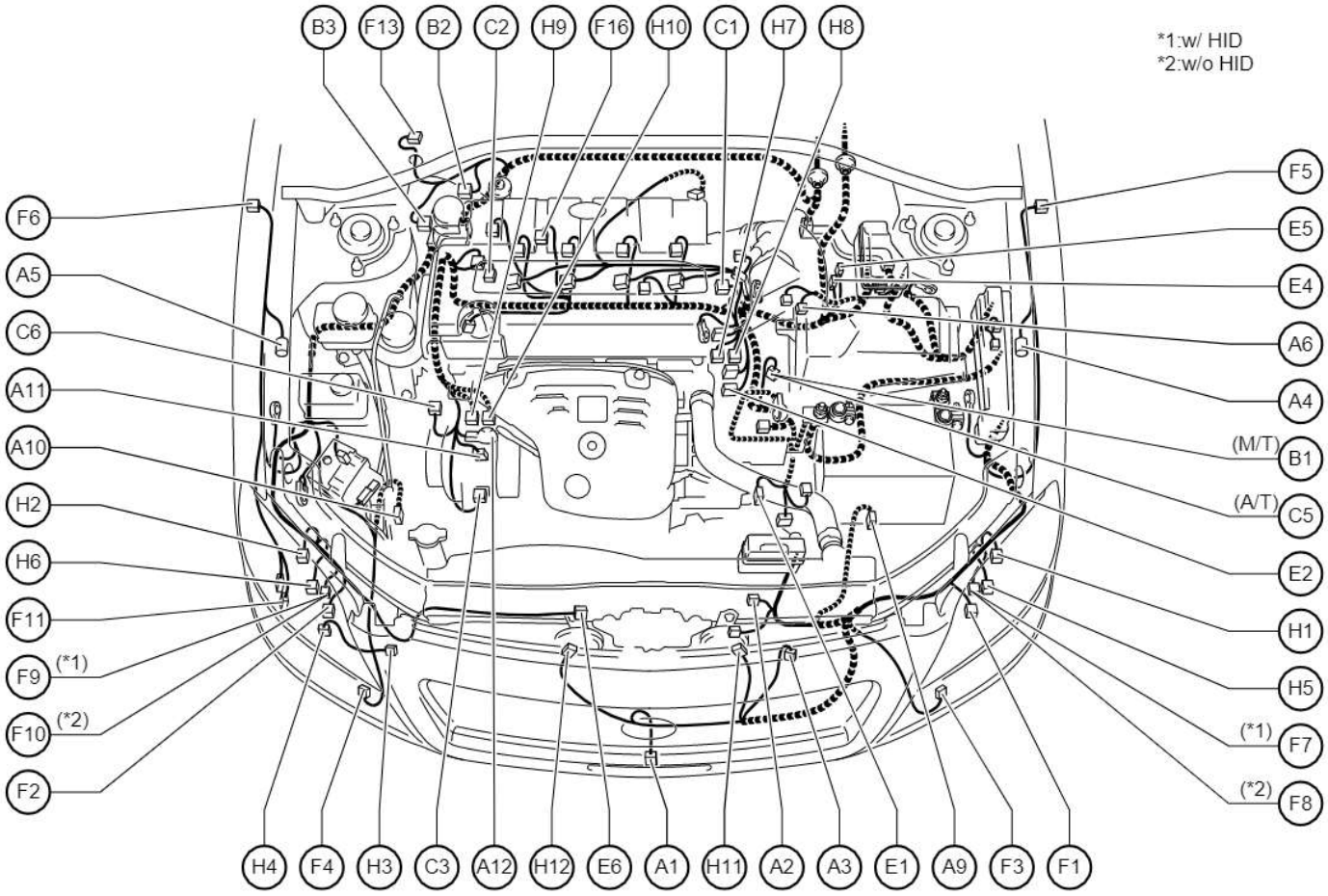
P18 Power Seat Control SW (Driver's Seat)
P19 Power Seat Control SW (Front Passenger's Seat)
P20 Power Seat Motor (Driver's Seat Front Vertical Control)
P21 Power Seat Motor (Driver's Seat Lifter Control)
P22 Power Seat Motor (Driver's Seat Reclining Control)
P23 Power Seat Motor (Driver's Seat Slide Control)
P24 Power Seat Motor (Front Passenger's Seat Reclining Control)
P25 Power Seat Motor (Front Passenger's Seat Slide Control)

S16 Seat Heater LH
S17 Seat Heater RH
S18 Side Airbag Squib LH
S19 Side Airbag Squib RH

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Position of Parts in Engine Compartment

[RHD : 1AZ–FSE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 2 Brake Booster Pressure Sensor
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Compressor Assembly
C 5 Counter Gear Speed Sensor
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor
E 4 Electronic Driver Unit
E 5 Electronic Driver Unit
E 6 Engine Hood Courtesy SW

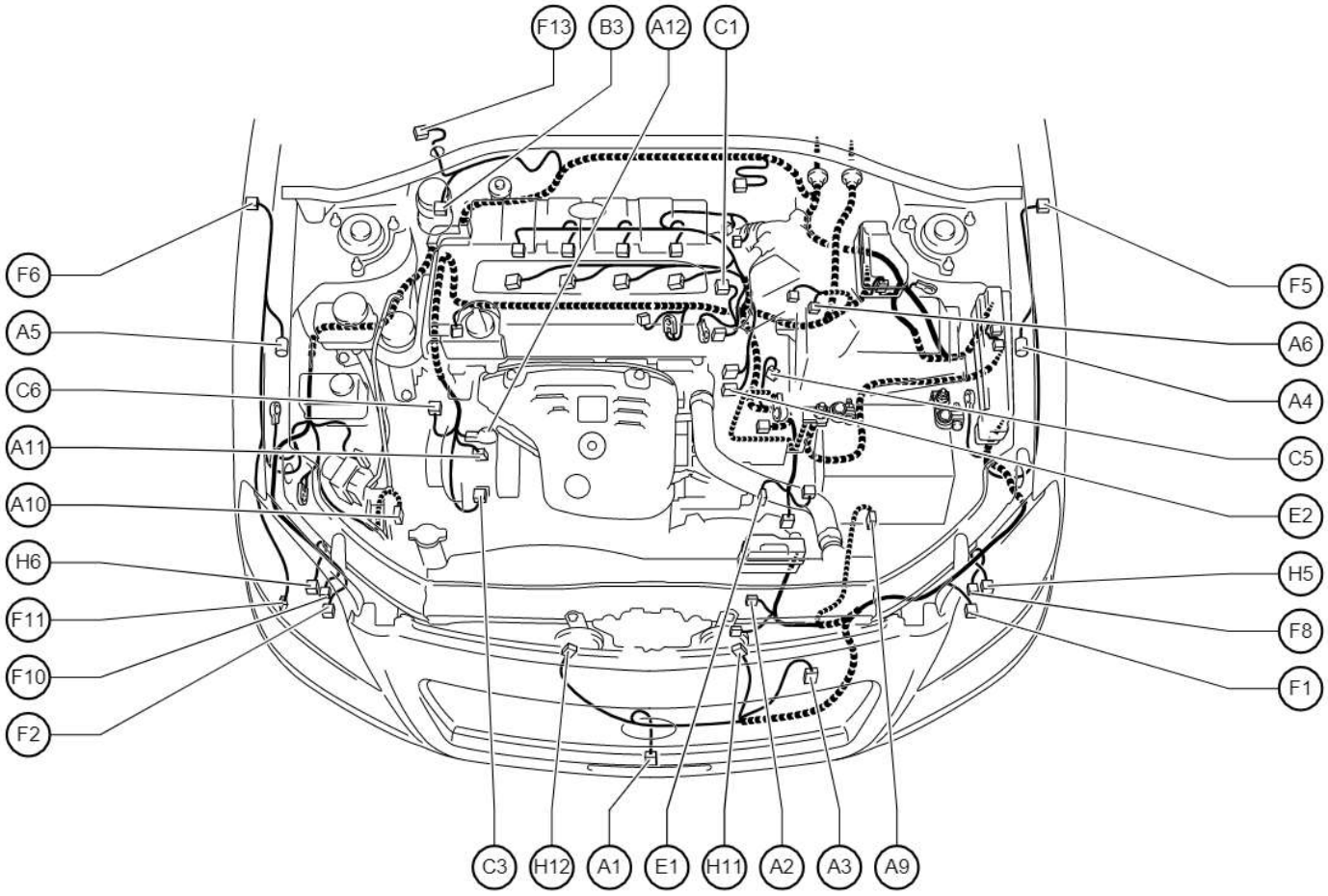
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F13 Front Wiper Motor
F16 Fuel Pressure Sensor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
H 8 Heated Oxygen Sensor (Bank 1 Sensor 2)
H 9 Heated Oxygen Sensor (Bank 2 Sensor 1)
H10 Heated Oxygen Sensor (Bank 2 Sensor 2)
H11 Horn LH
H12 Horn RH

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Position of Parts in Engine Compartment

[RHD : 1AZ–FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 3 Compressor Assembly
C 5 Counter Gear Speed Sensor
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor

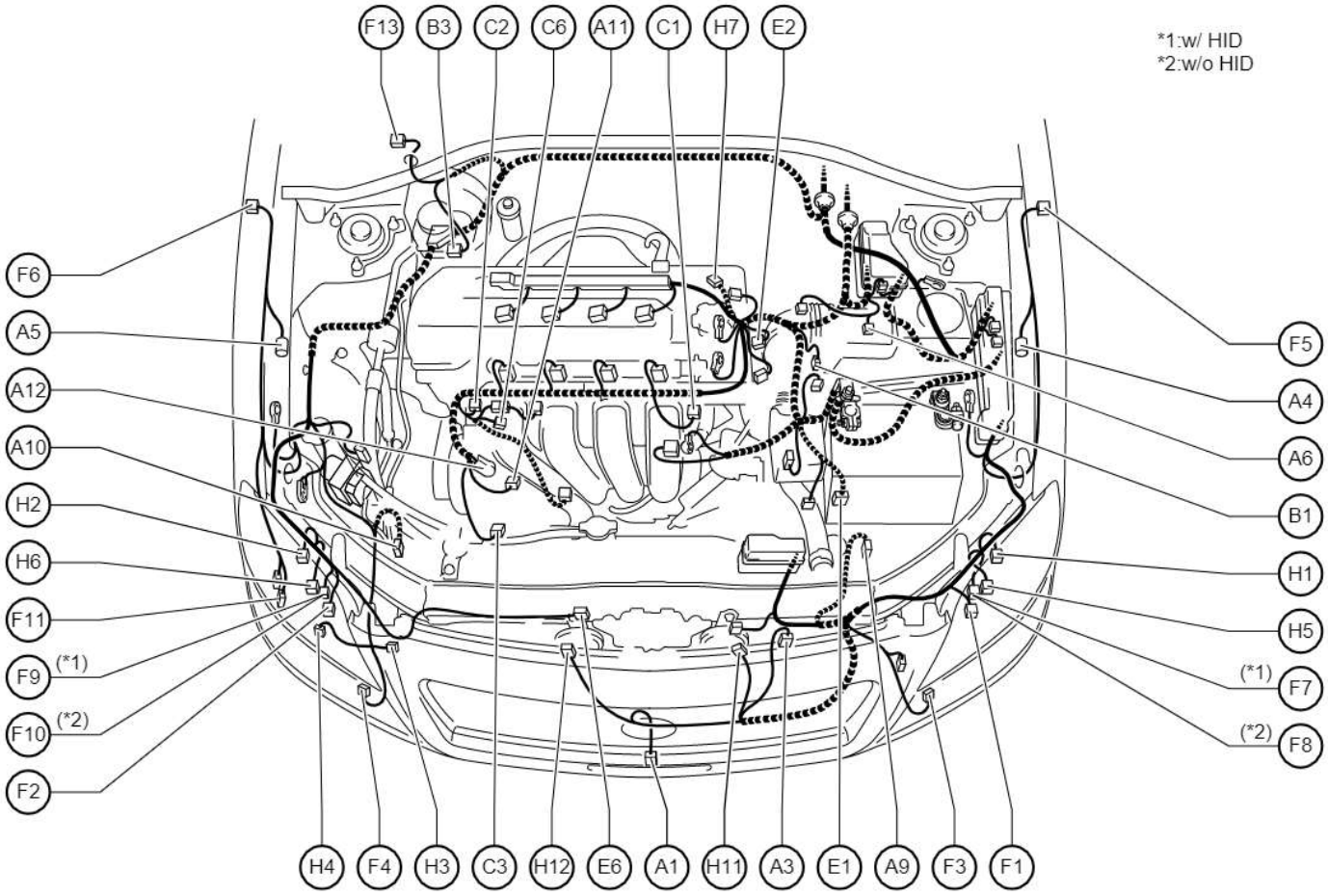
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F13 Front Wiper Motor

H 5 Headlight LH (High)
H 6 Headlight RH (High)
H11 Horn LH
H12 Horn RH

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Position of Parts in Engine Compartment

[RHD : 1ZZ–FE, 3ZZ–FE]



A 1 A/C Ambient Temp. Sensor
A 3 A/C Pressure Sensor
A 4 ABS Speed Sensor Front LH
A 5 ABS Speed Sensor Front RH
A 6 Air Flow Meter
A 9 Airbag Sensor Front LH
A10 Airbag Sensor Front RH
A11 Alternator
A12 Alternator

B 1 Back–Up Light SW
B 3 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 3 Compressor Assembly
C 6 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 EFI Water Temp. Sensor
E 6 Engine Hood Courtesy SW

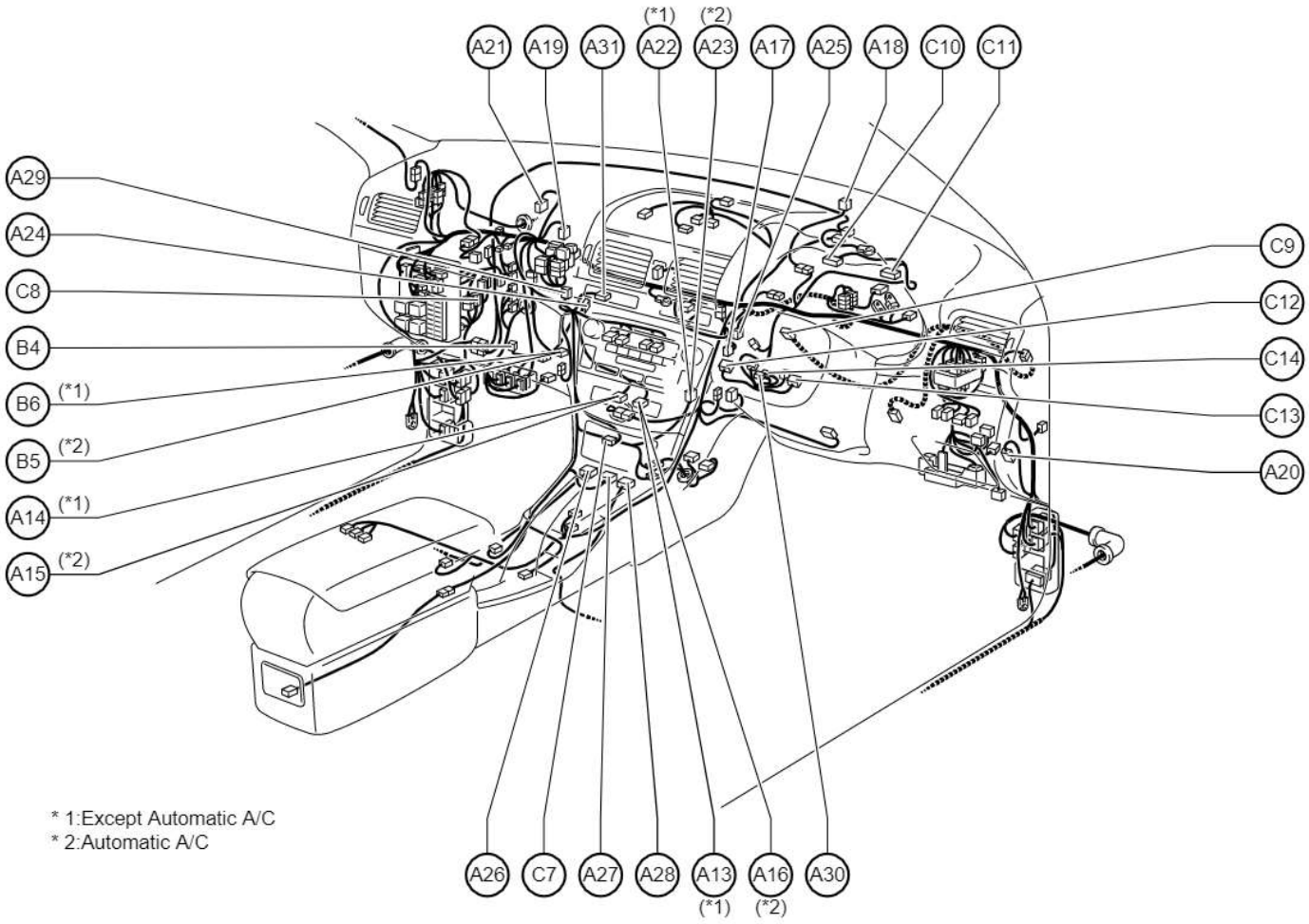
F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
Headlight Control ECU LH
F 8 Front Turn Signal Light LH
Headlight LH (Low)
F 9 Front Turn Signal Light RH
Headlight Control ECU RH
F10 Front Turn Signal Light RH
Headlight RH (Low)
F11 Front Washer Motor
F13 Front Wiper Motor

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Control Relay
H 4 Headlight Cleaner Motor
H 5 Headlight LH (High)
H 6 Headlight RH (High)
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
H11 Horn LH
H12 Horn RH

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Position of Parts in Instrument Panel

[RHD]



A13 A/C Control Assembly
A14 A/C Control Assembly
A15 A/C Control Assembly
A16 A/C Control Assembly
A17 A/C Room Temp. Sensor
A18 A/C Solar Sensor
A19 A/C Thermistor
A20 Accel Position Sensor
A21 Air Inlet Control Servo Motor
A22 Air Mix Control Servo Motor
A23 Air Mix Control Servo Motor (Driver Side)
A24 Air Mix Control Servo Motor (Front Passenger Side)
A25 Air Vent Mode Control Servo Motor
A26 Airbag Sensor Assembly
A27 Airbag Sensor Assembly
A28 Airbag Sensor Assembly
A29 Airbag Squib (Front Passenger Airbag Assembly)
A30 Airbag Squib (Steering Wheel Pad)
A31 Antenna Amplifier

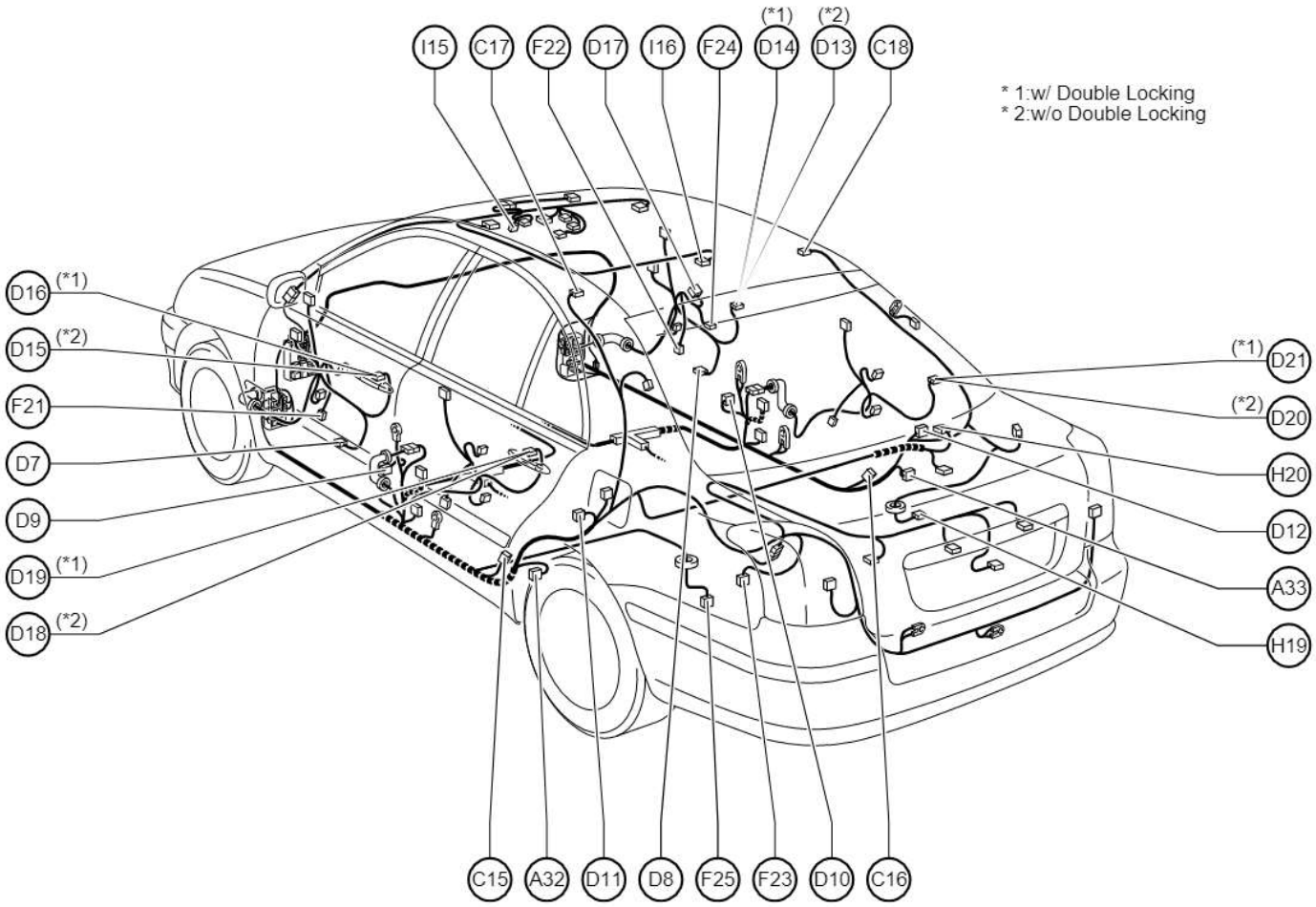
B 4 Blower Motor
B 5 Blower Motor Controller
B 6 Blower Resistor

C 7 Cigarette Lighter
Cigarette Lighter Illumination
C 8 Circuit Opening Relay
C 9 Clutch Start SW
C10 Combination Meter
C11 Combination Meter
C12 Combination SW
C13 Combination SW
C14 Combination SW

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Position of Parts in Body

[RHD : S/D]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D13 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D14 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
Double Lock Motor (Driver's Side)
Double Lock Position SW (Driver's Side)
D15 Door Lock Control Motor (Front Passenger's Side)
D16 Door Lock Control Motor (Front Passenger's Side)
Door Unlock Detection SW (Front Passenger's Side)
Double Lock Motor (Front Passenger's Side)
Double Lock Position SW (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D18 Door Lock Motor Rear LH
D19 Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH
D20 Door Lock Motor Rear RH
D21 Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

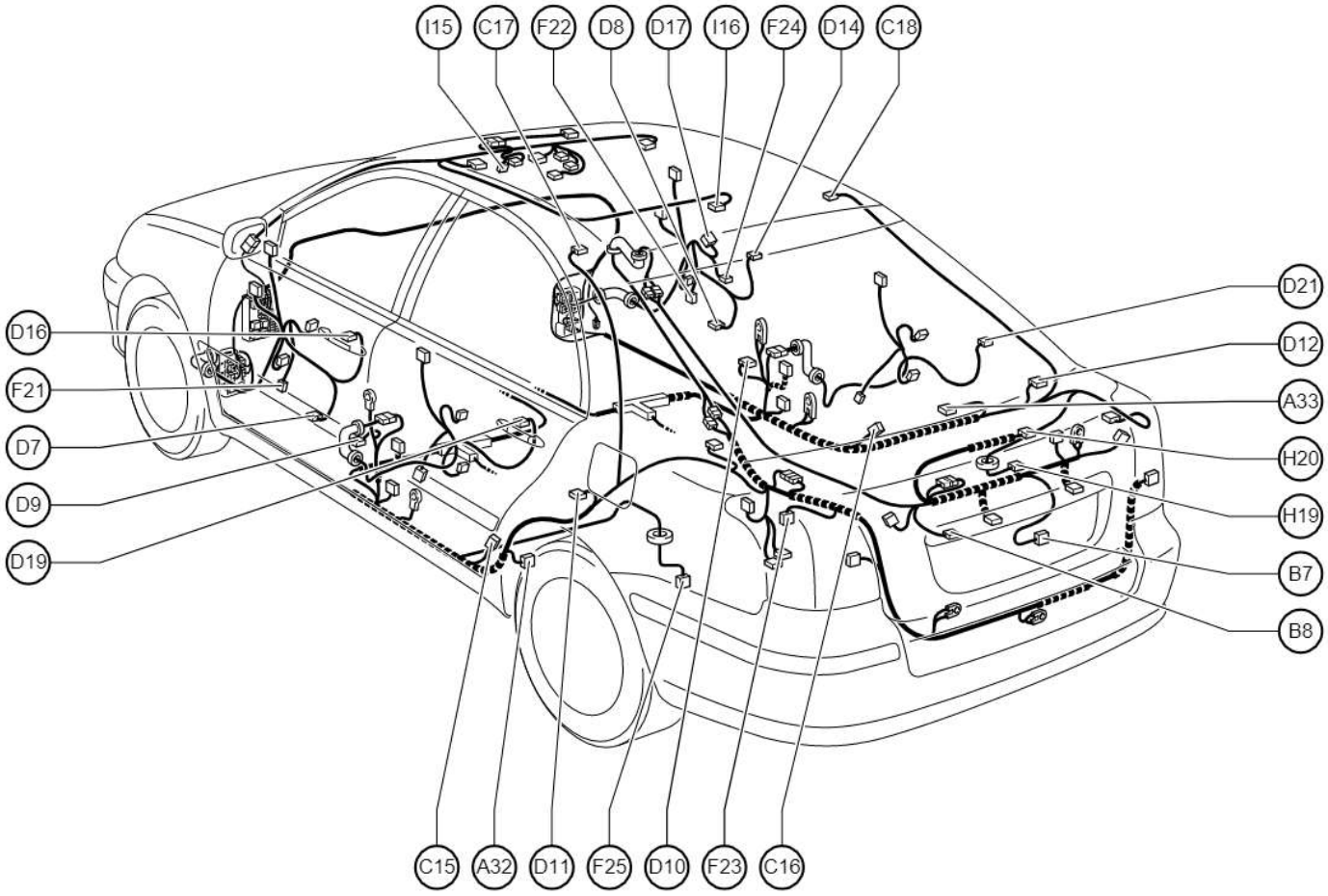
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

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Position of Parts in Body

[RHD : L/B]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Lock Motor
B 8 Back Door Opener SW

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D14 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
Double Lock Motor (Driver's Side)
Double Lock Position SW (Driver's Side)
D16 Door Lock Control Motor (Front Passenger's Side)
Door Unlock Detection SW (Front Passenger's Side)
Double Lock Motor (Front Passenger's Side)
Double Lock Position SW (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D19 Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH
D21 Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

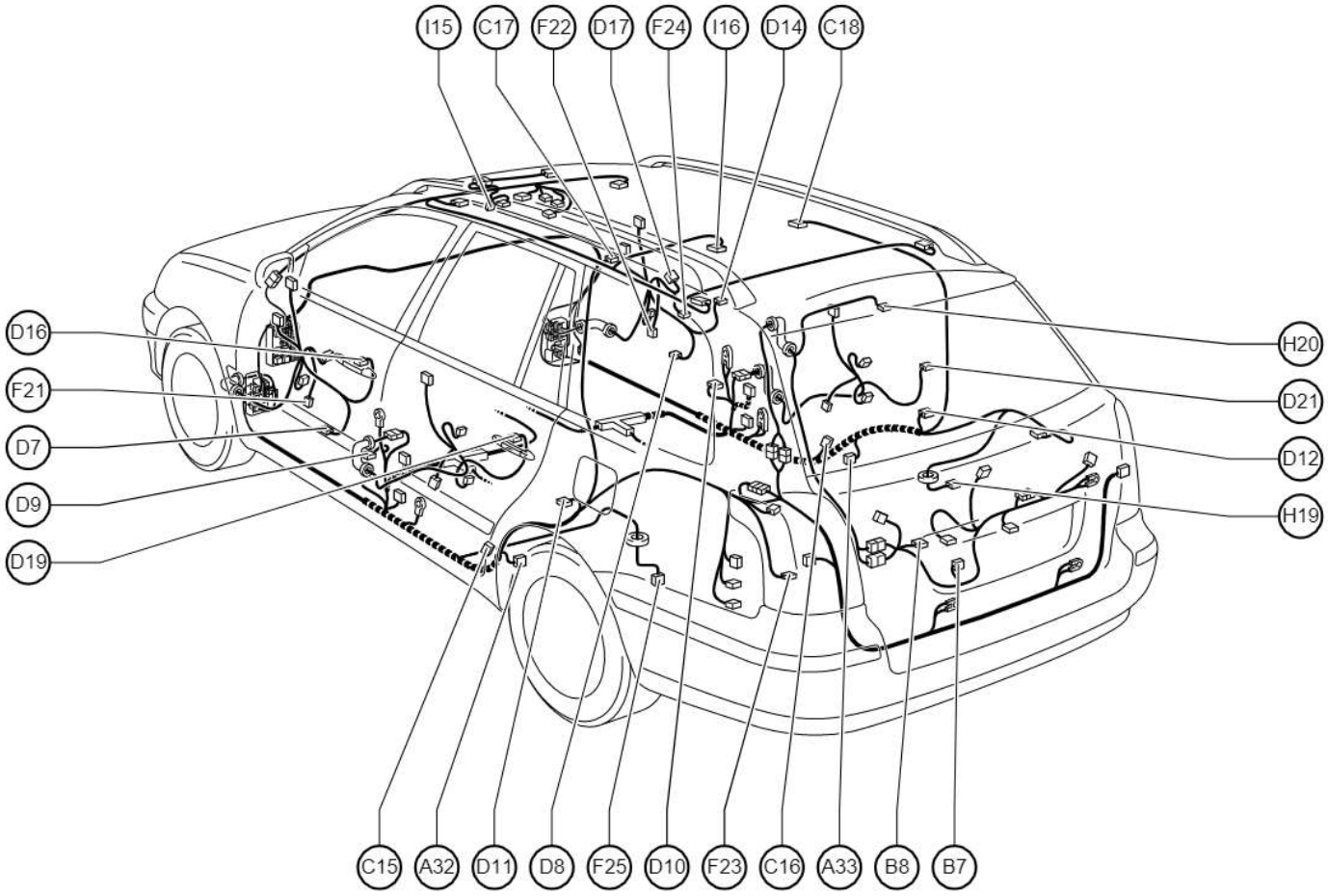
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

http://vnx.su

Position of Parts in Body

[RHD : W/G]



A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Lock Motor
B 8 Back Door Opener SW

C15 Curtain Shield Airbag Sensor LH
C16 Curtain Shield Airbag Sensor RH
C17 Curtain Shield Airbag Squib LH
C18 Curtain Shield Airbag Squib RH

D 7 Door Courtesy Light LH
D 8 Door Courtesy Light RH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
D14 Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
Double Lock Motor (Driver's Side)
Double Lock Position SW (Driver's Side)
D16 Door Lock Control Motor (Front Passenger's Side)
Door Unlock Detection SW (Front Passenger's Side)
Double Lock Motor (Front Passenger's Side)
Double Lock Position SW (Front Passenger's Side)
D17 Door Lock Control SW
Power Window Master SW
D19 Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH
D21 Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 21 Front Door Speaker LH
F 22 Front Door Speaker RH
F 23 Fuel Lid Opener Motor
F 24 Fuel Lid Opener SW
F 25 Fuel Pump
Fuel Sender

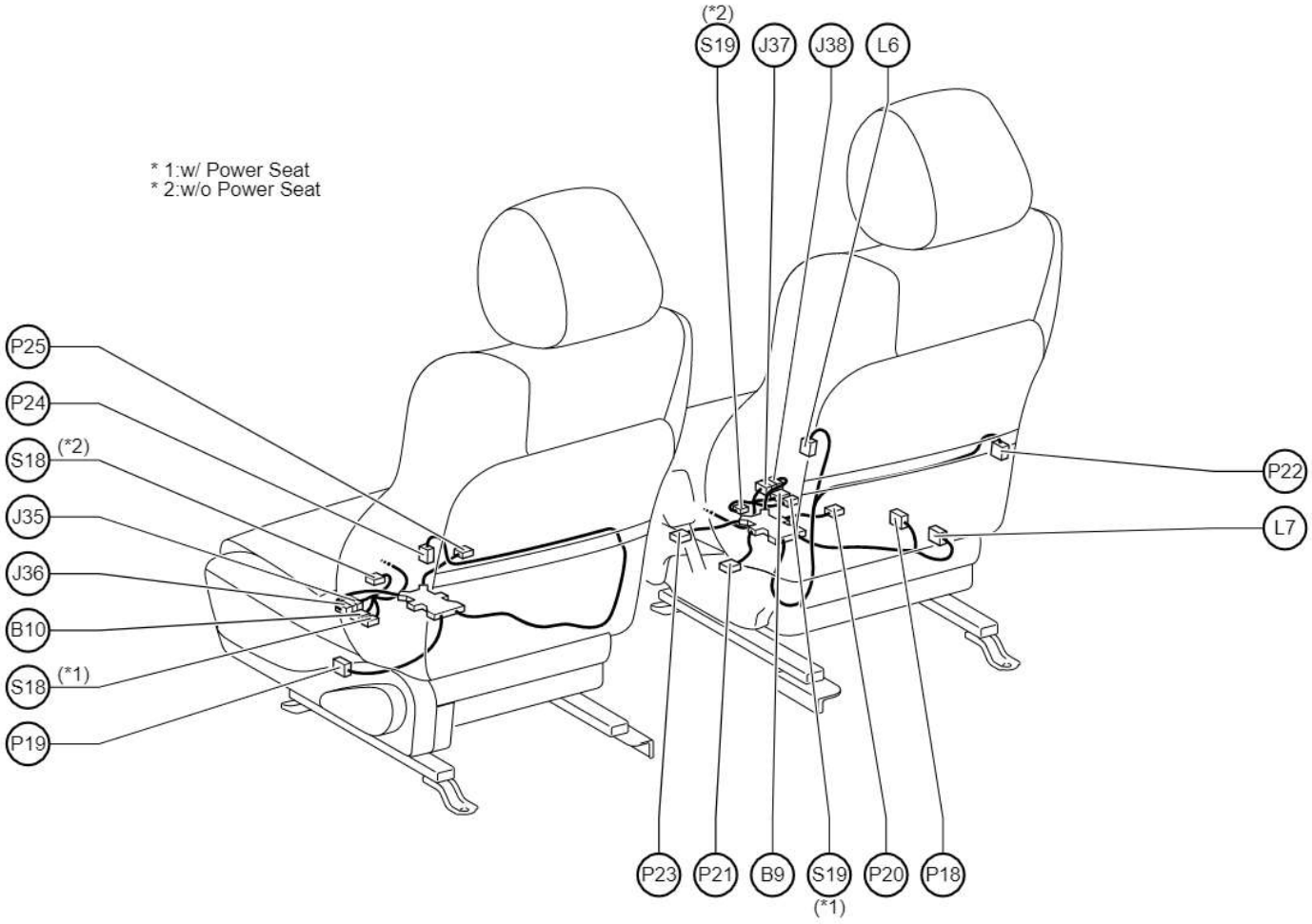
H19 Height Control Sensor (Rear)
H20 High Mounted Stop Light

I 15 Inner Mirror
I 16 Interior Light

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Position of Parts in Seat

[RHD]



B 9 Buckle SW (Driver's Side)
B10 Buckle SW (Front Passenger's Side) Occupant Detection Sensor

J 35 Junction Connector
J 36 Junction Connector
J 37 Junction Connector
J 38 Junction Connector

L 6 Lumbar Support Control Motor
L 7 Lumbar Support Control SW

P18 Power Seat Control SW (Driver's Seat)
P19 Power Seat Control SW (Front Passenger's Seat)
P20 Power Seat Motor (Driver's Seat Front Vertical Control)
P21 Power Seat Motor (Driver's Seat Lifter Control)
P22 Power Seat Motor (Driver's Seat Reclining Control)
P23 Power Seat Motor (Driver's Seat Slide Control)
P24 Power Seat Motor (Front Passenger's Seat Reclining Control)
P25 Power Seat Motor (Front Passenger's Seat Slide Control)

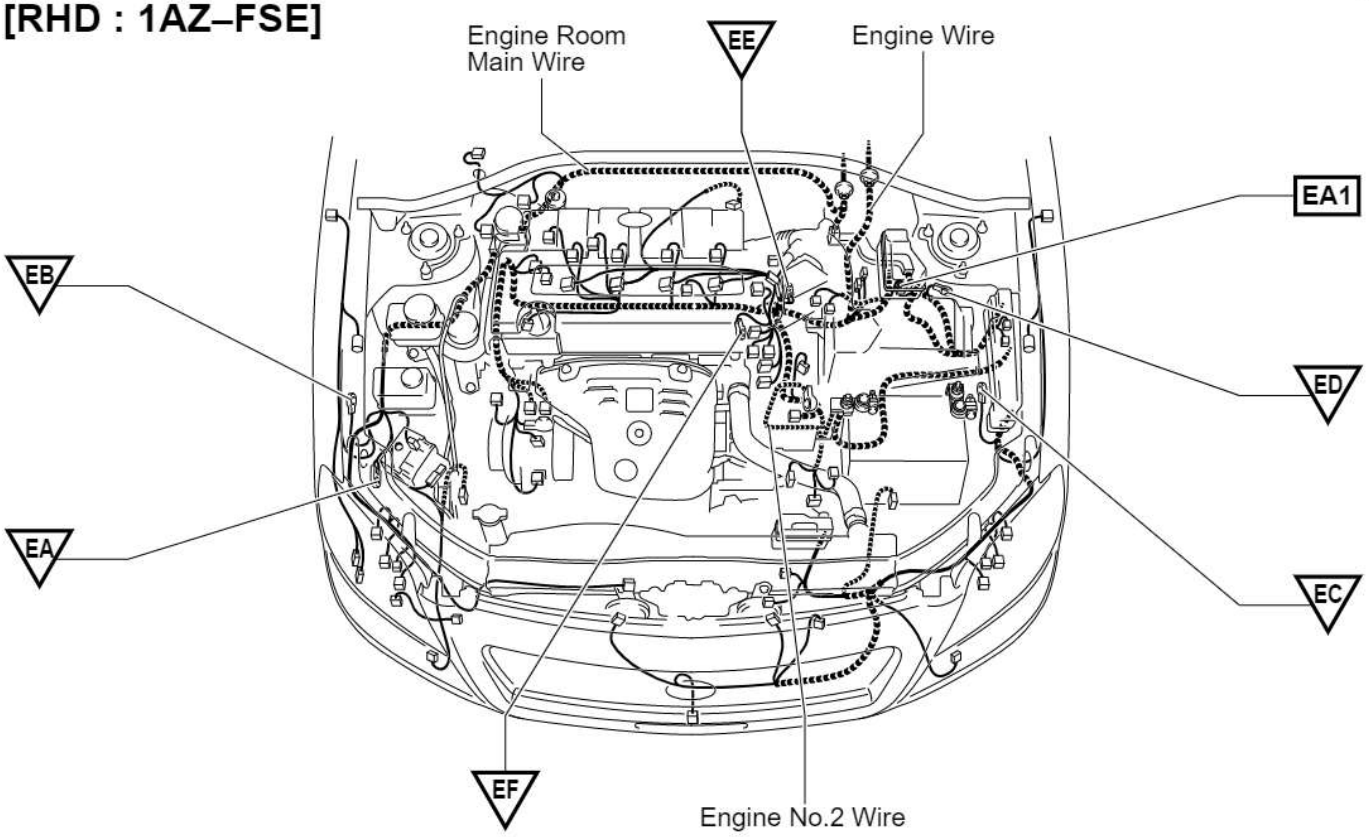
S18 Side Airbag Squib LH
S19 Side Airbag Squib RH

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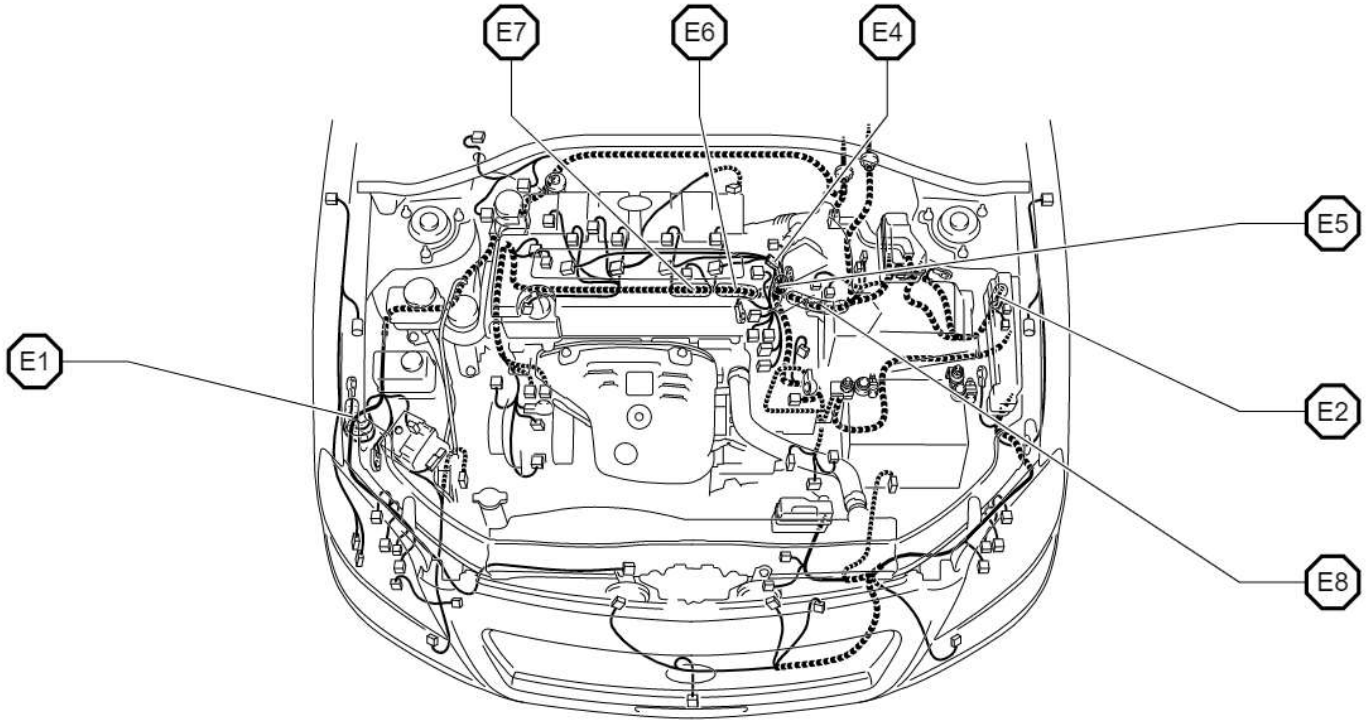
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1AZ–FSE]



○ : Location of Splice Points

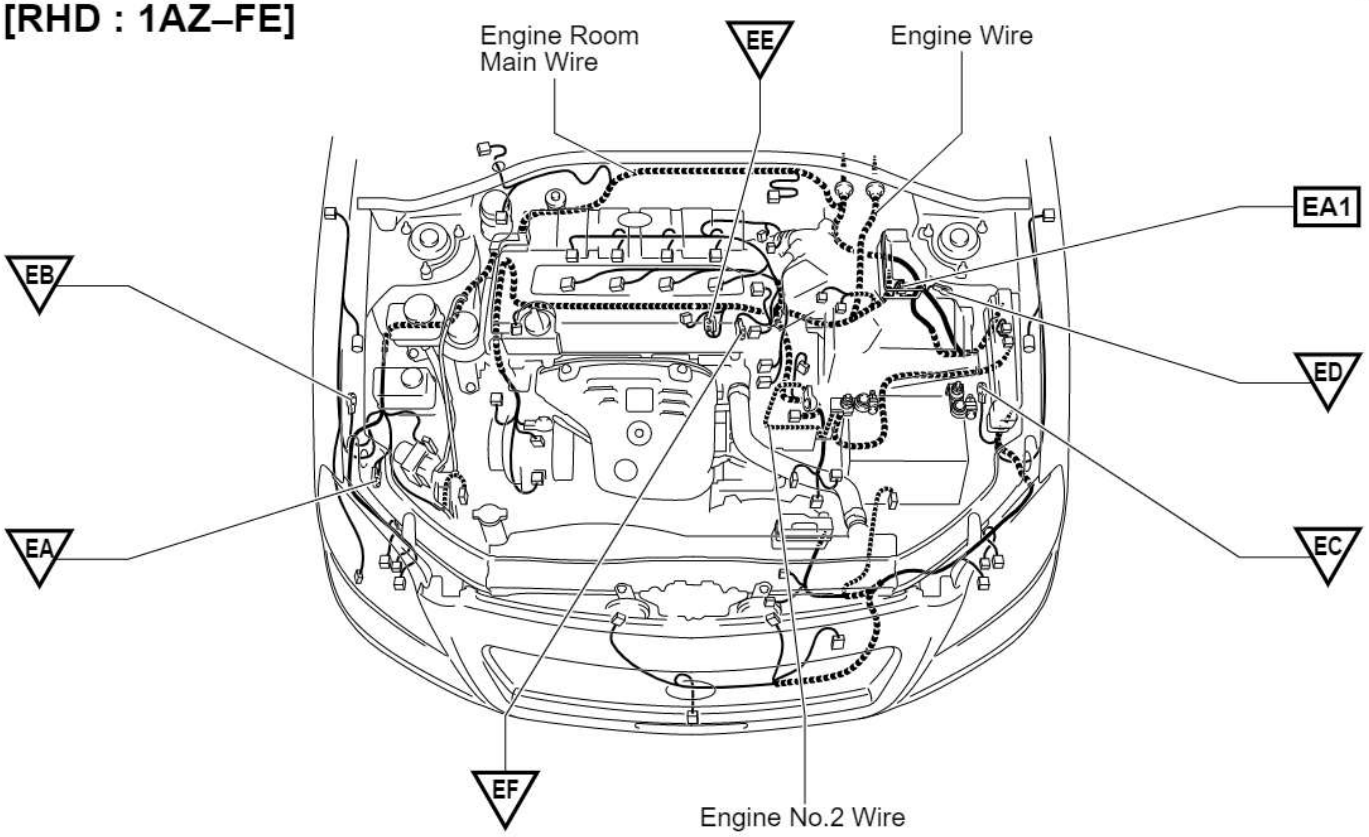


http://vnx.su

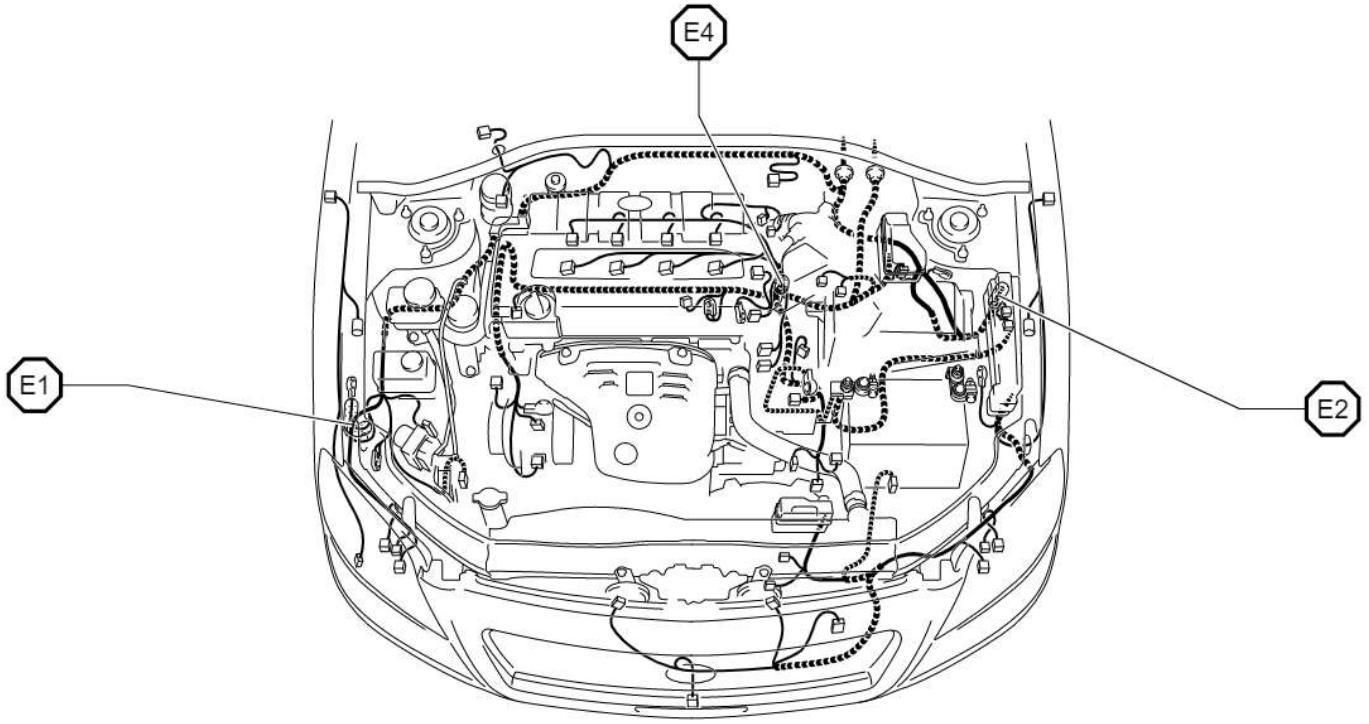
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1AZ–FE]



⬡ : Location of Splice Points

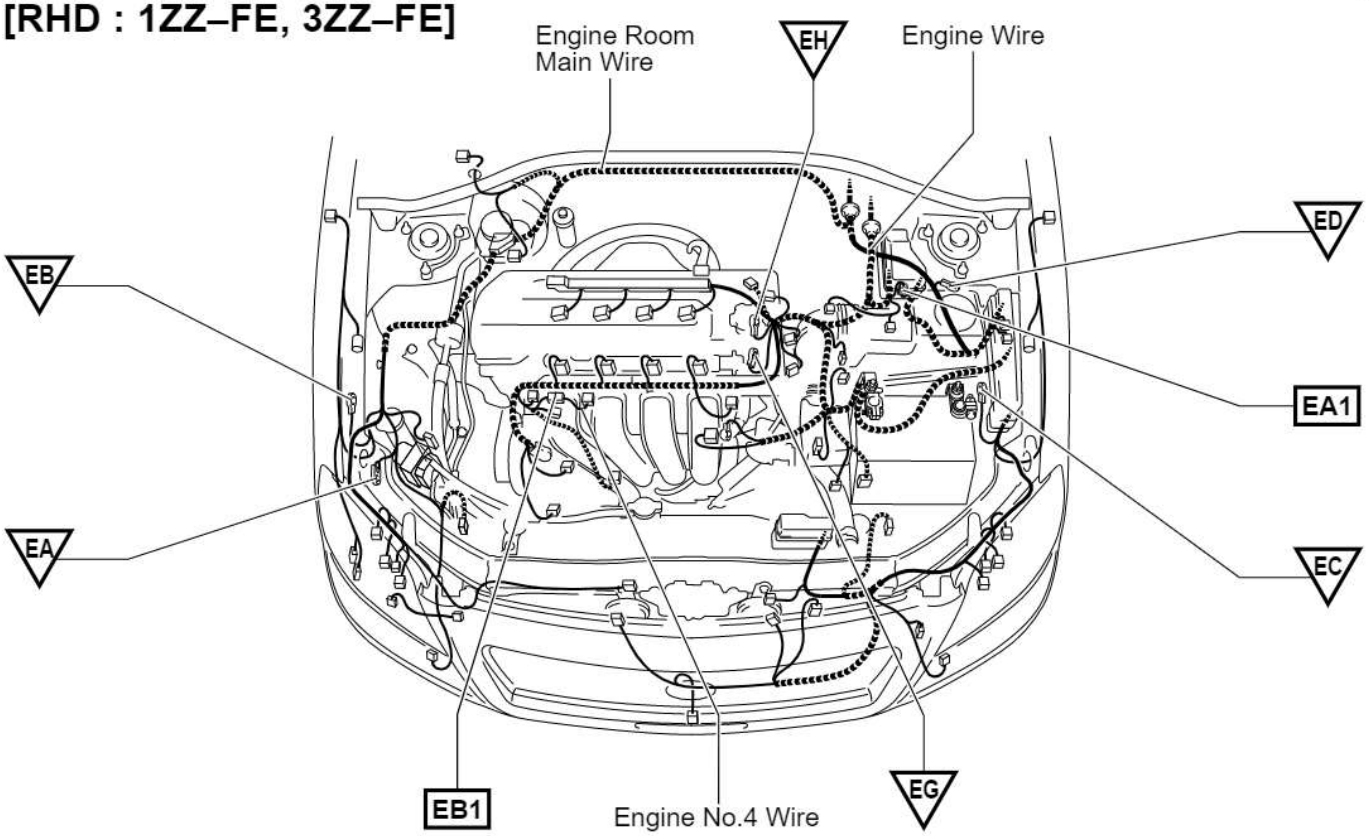


http://vnx.su

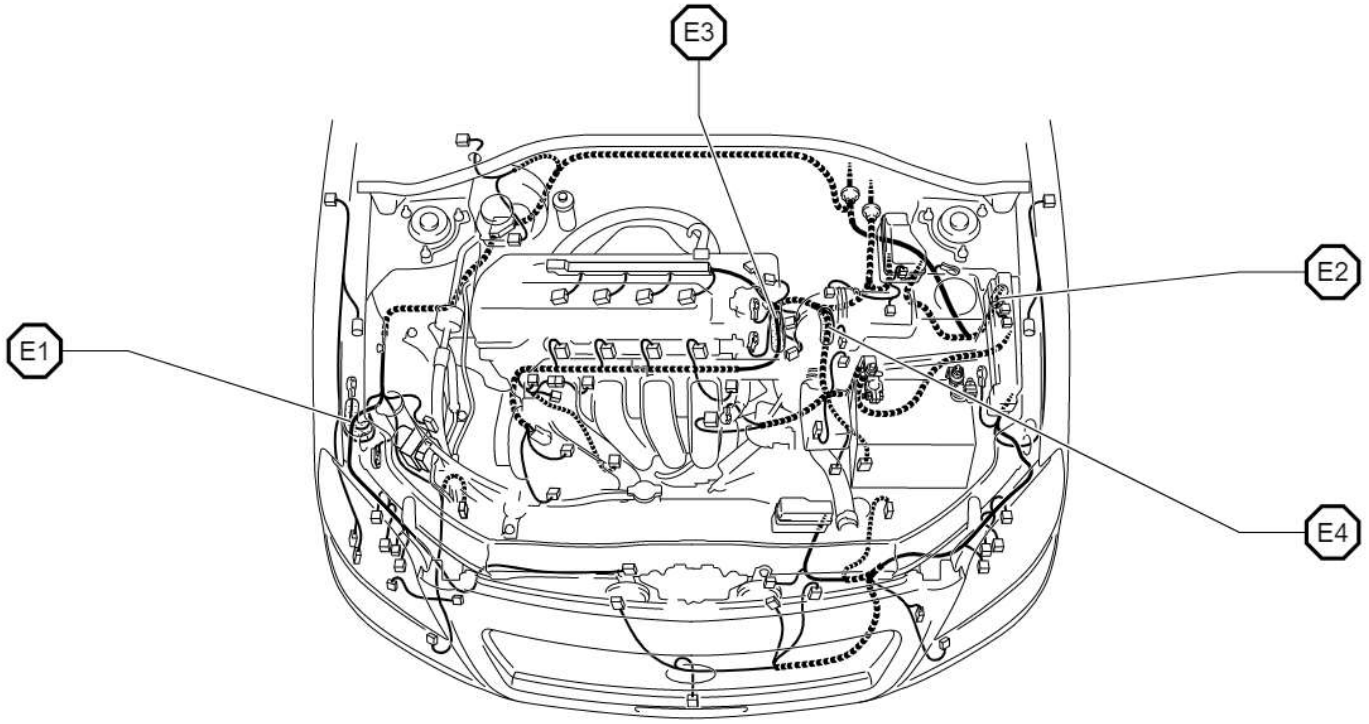
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1ZZ–FE, 3ZZ–FE]



○ : Location of Splice Points

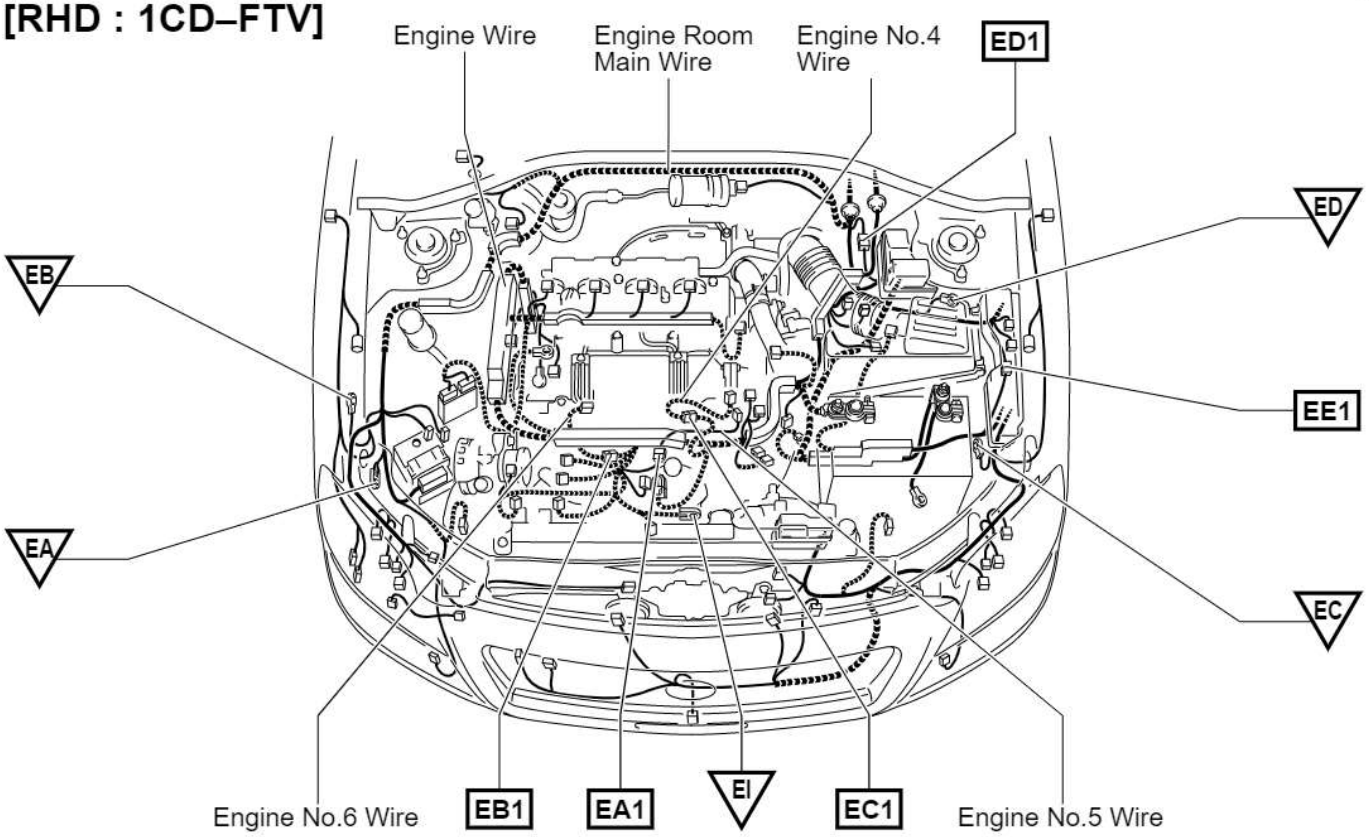


http://vnx.su

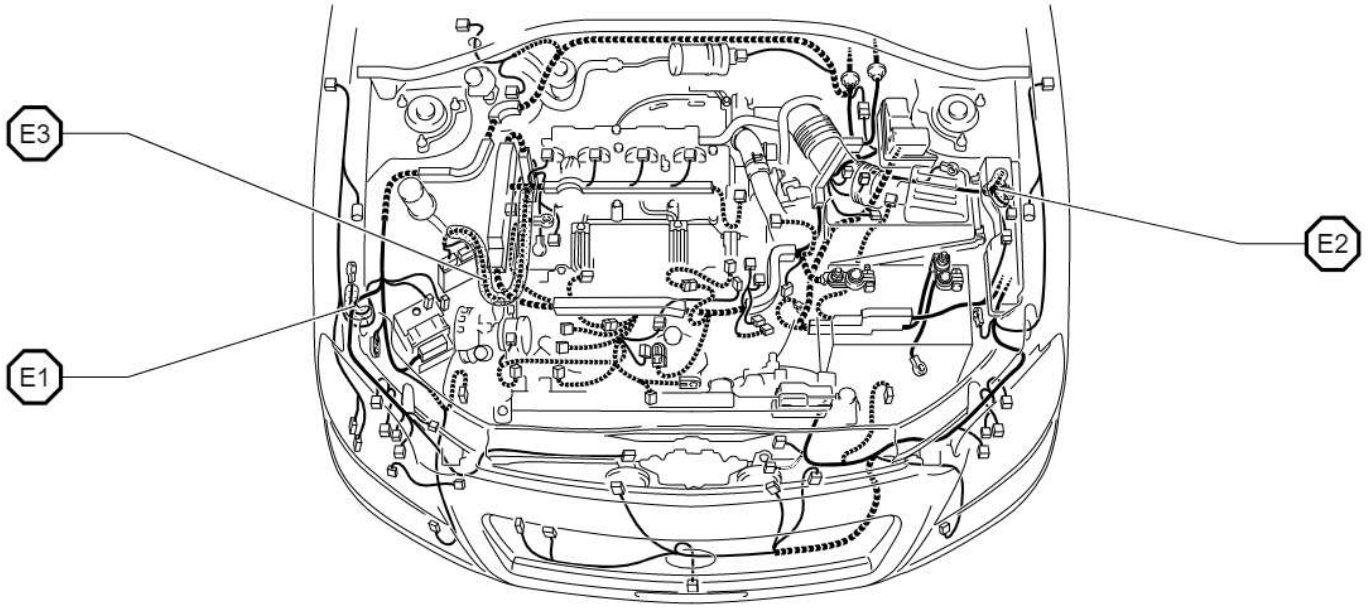
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1CD–FTV]



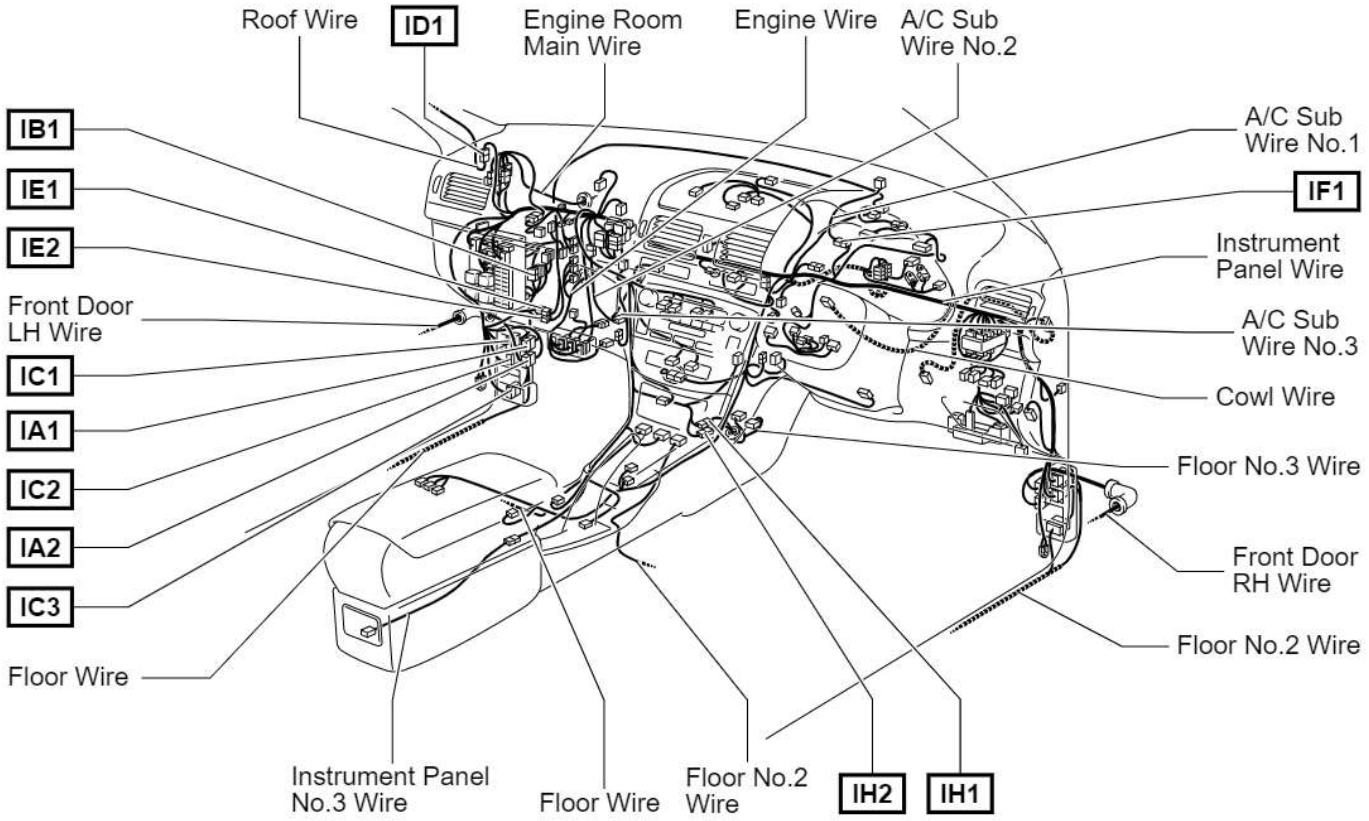
○ : Location of Splice Points



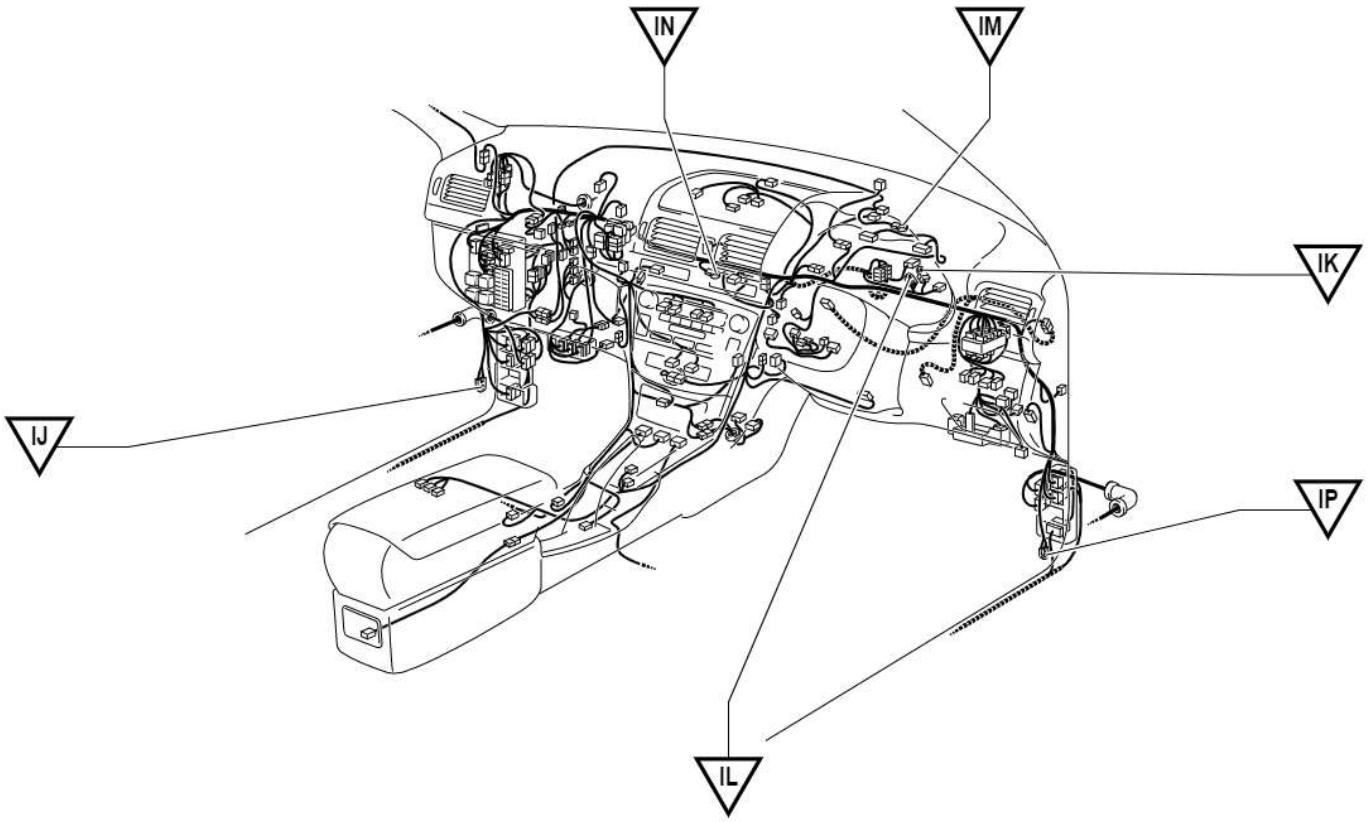
http://vnx.su

▭ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



▽ : Location of Ground Points

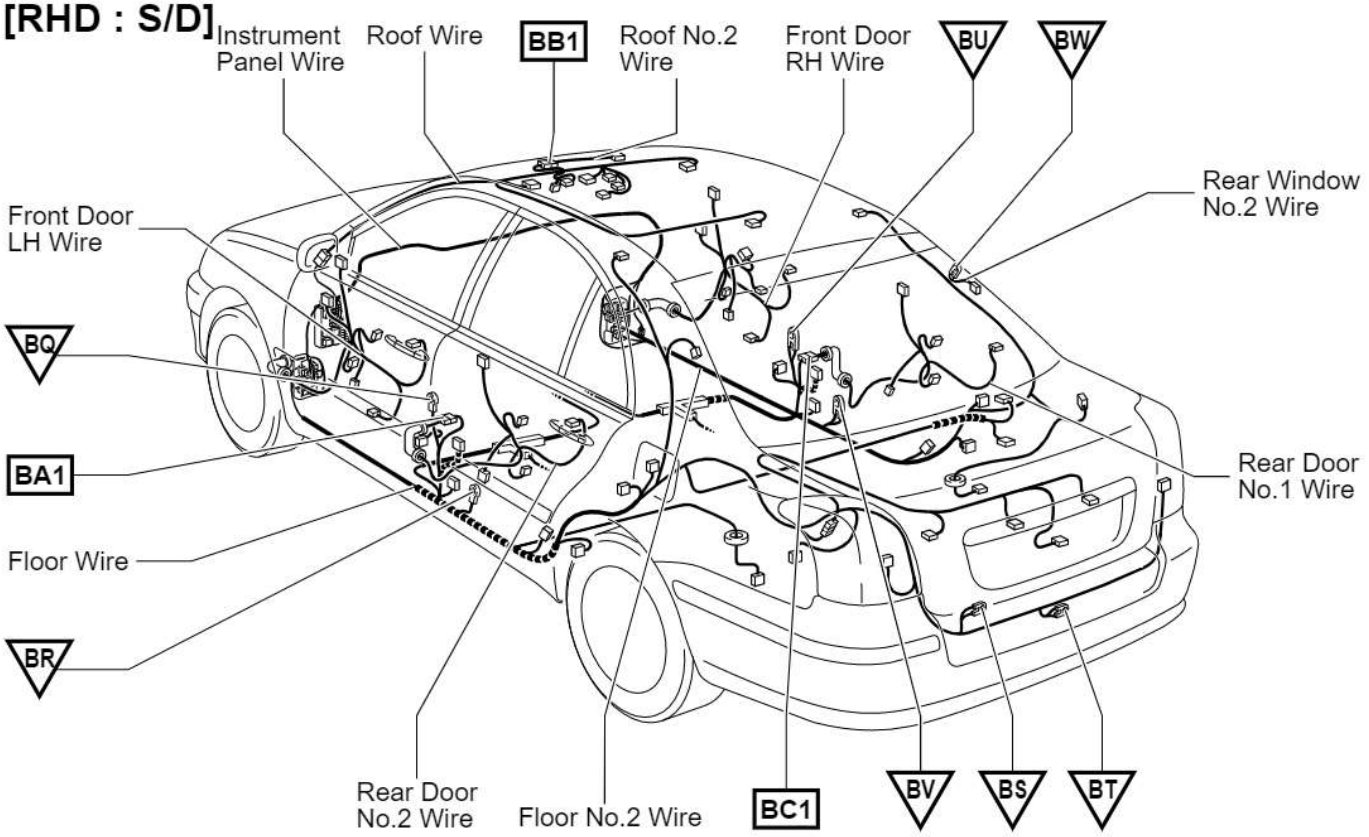


http://vnx.su

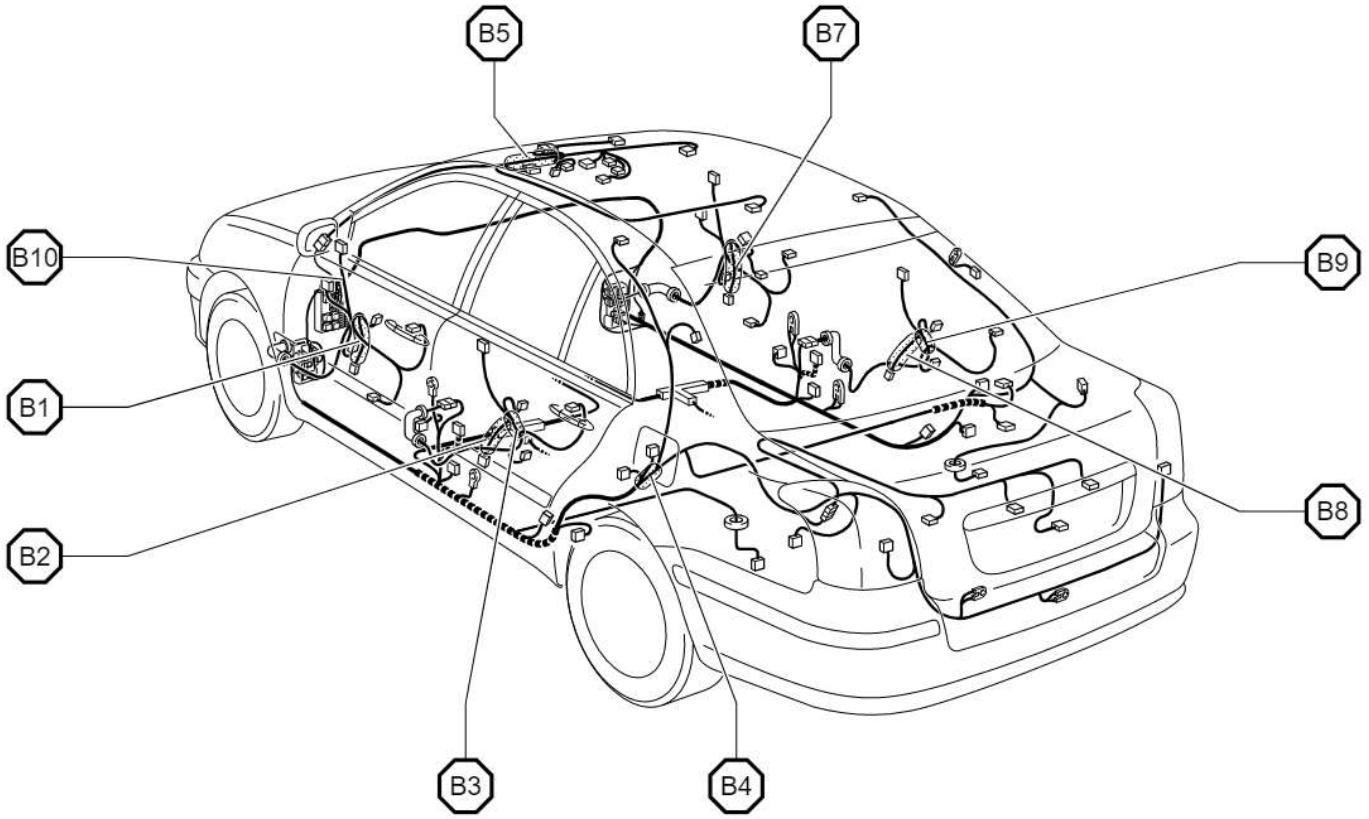
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : S/D]



○ : Location of Splice Points

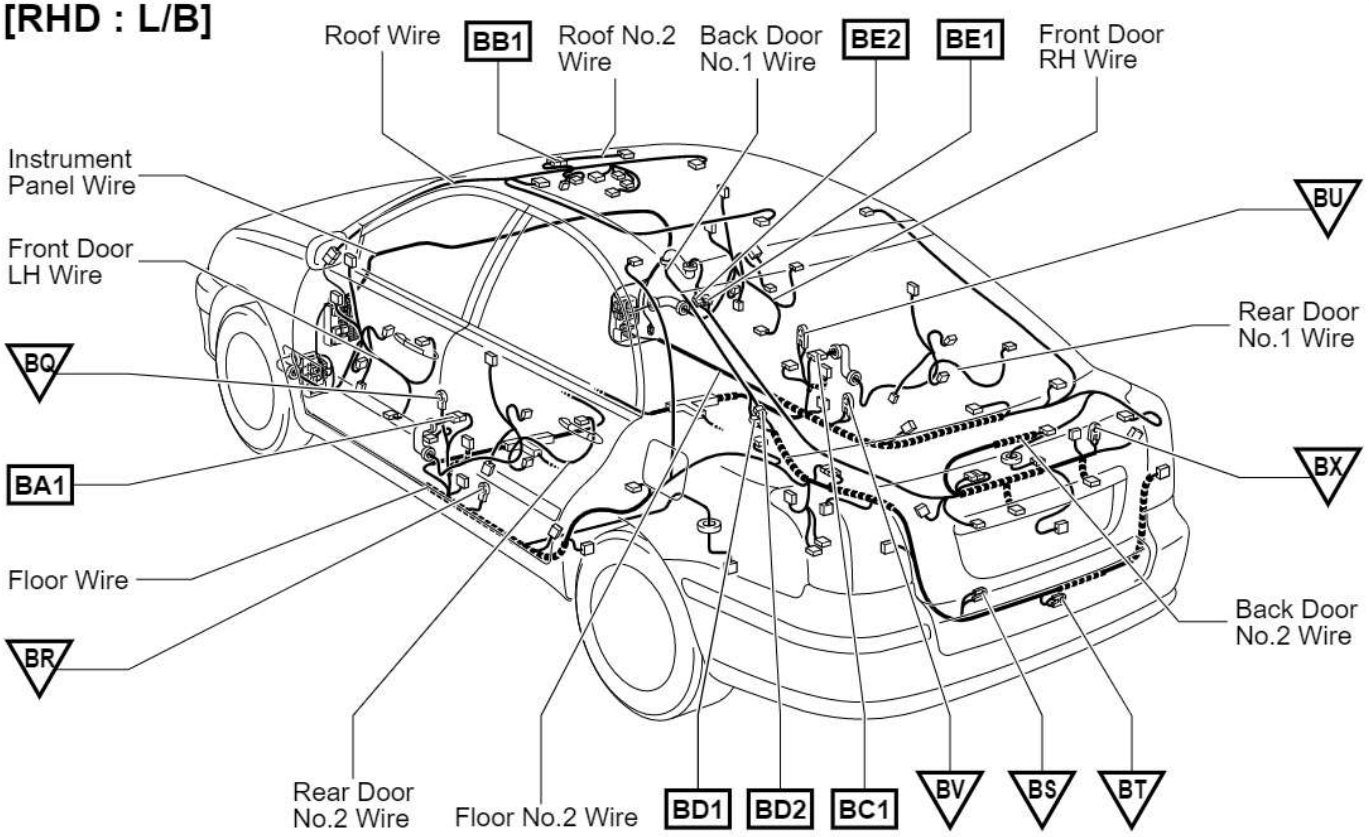


http://vnx.su

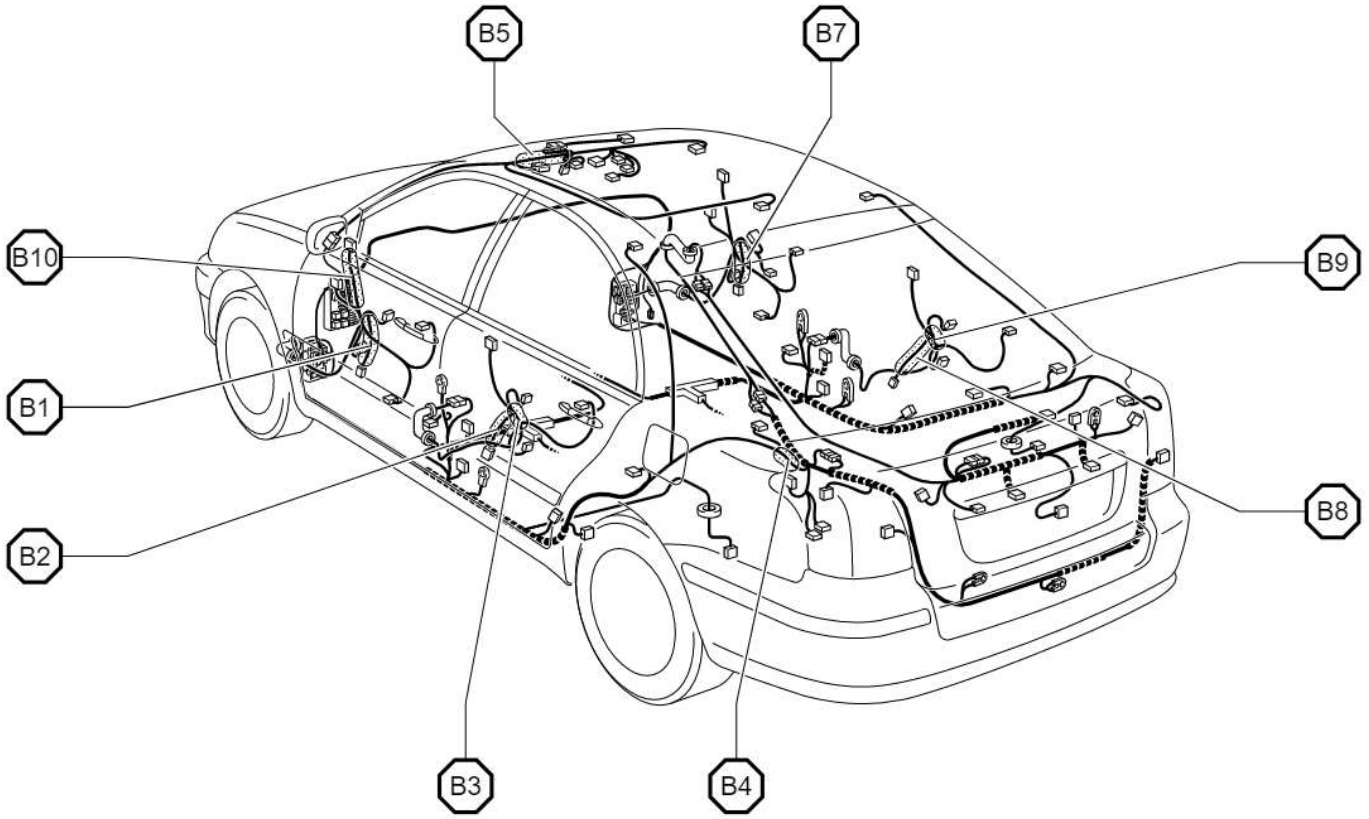
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : L/B]



○ : Location of Splice Points

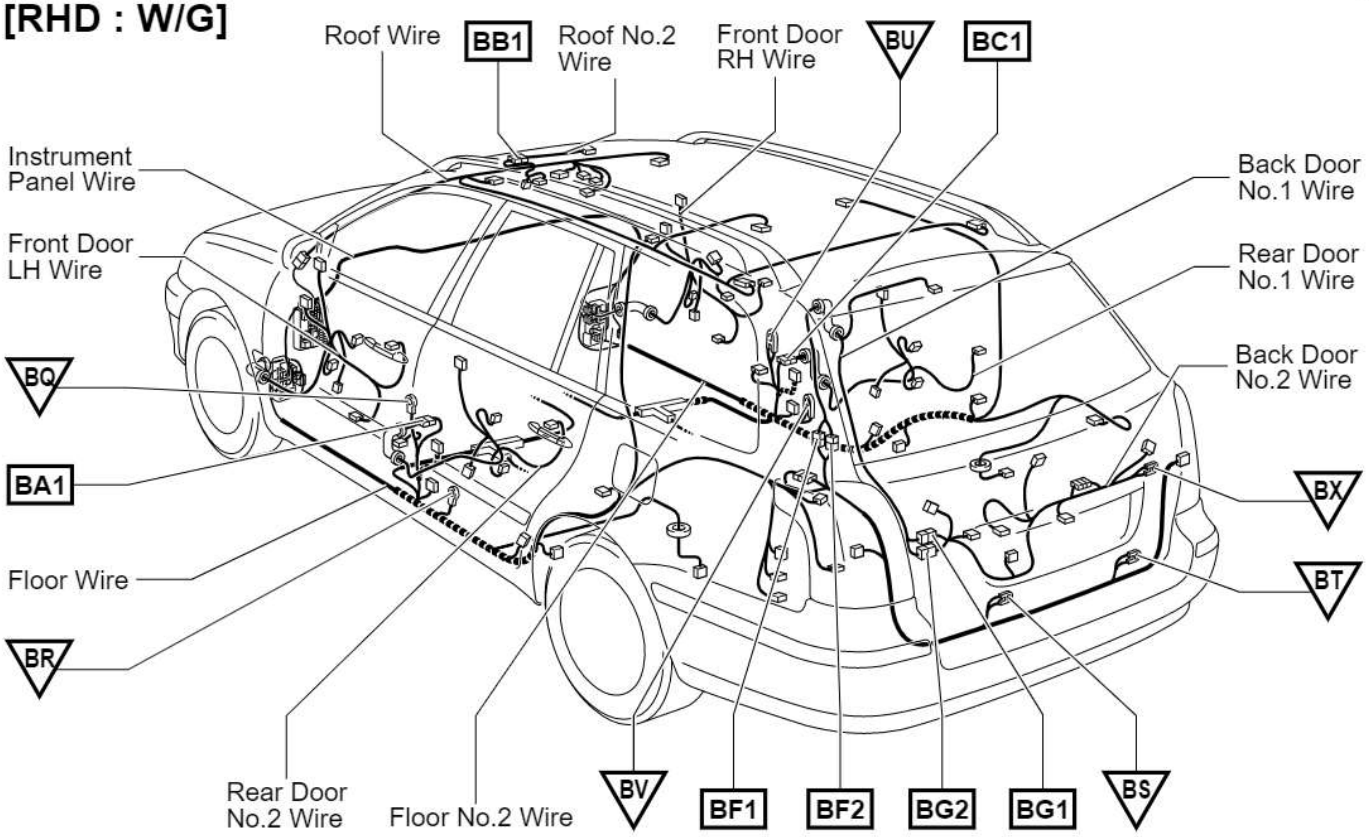


http://vnx.su

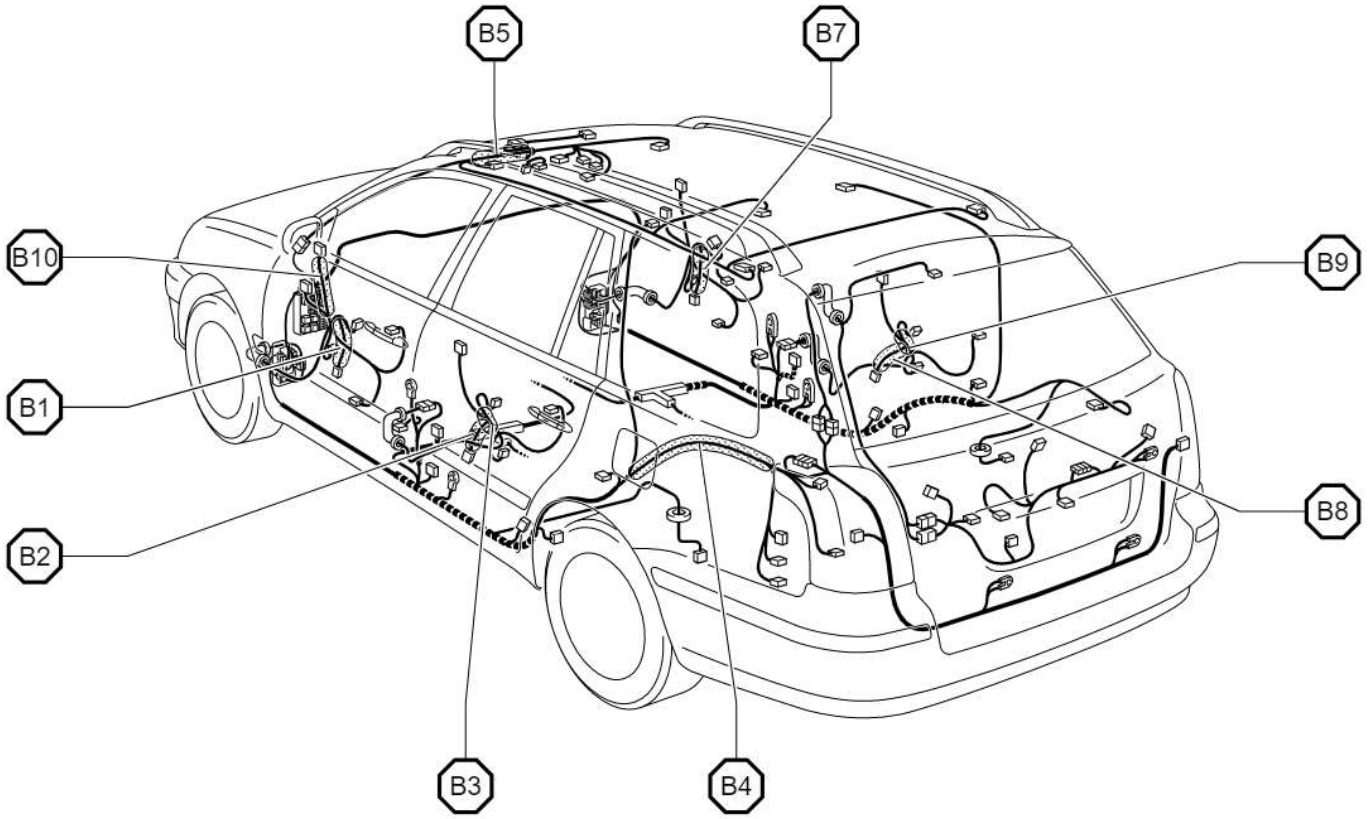
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : W/G]

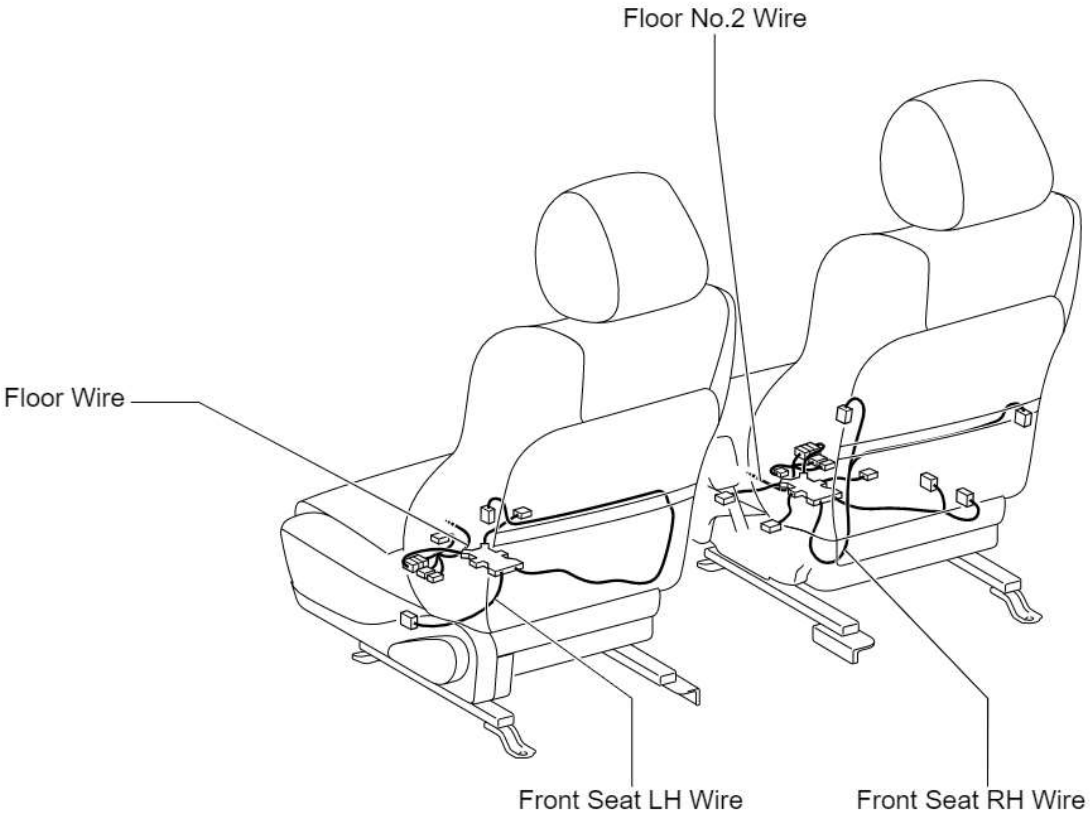


○ : Location of Splice Points



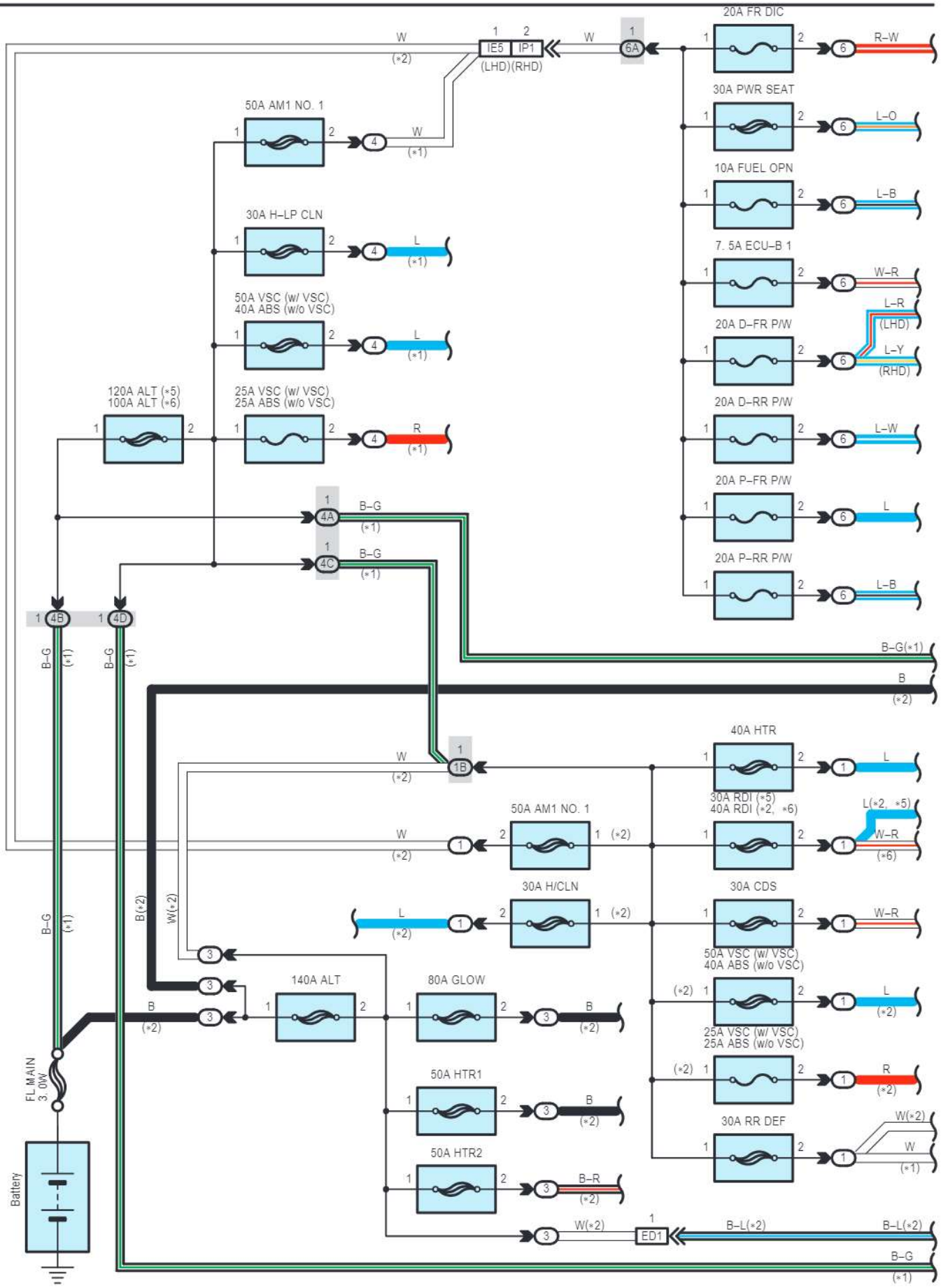
http://vnx.su

[RHD]

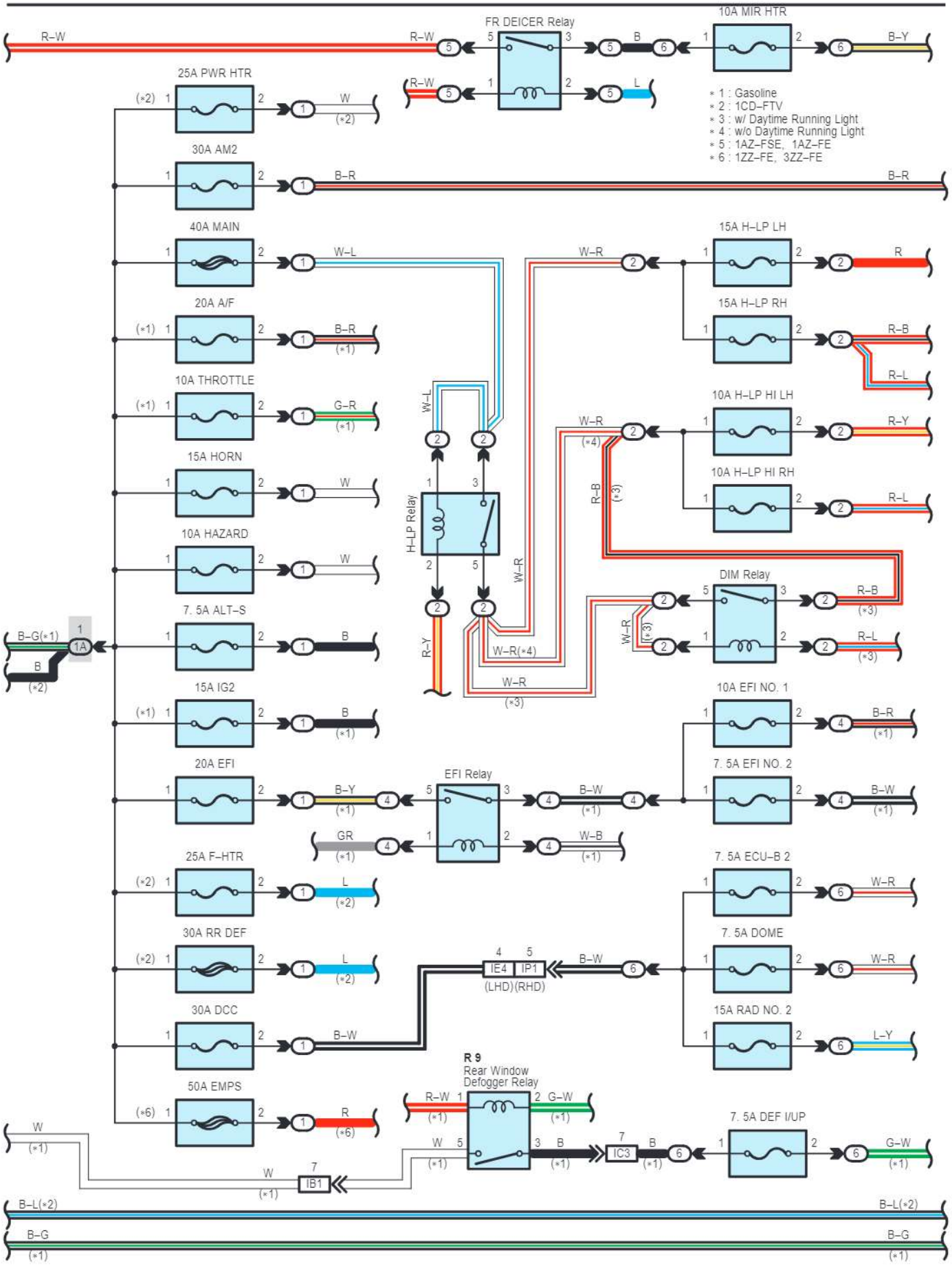


http://vnx.su

Power Source

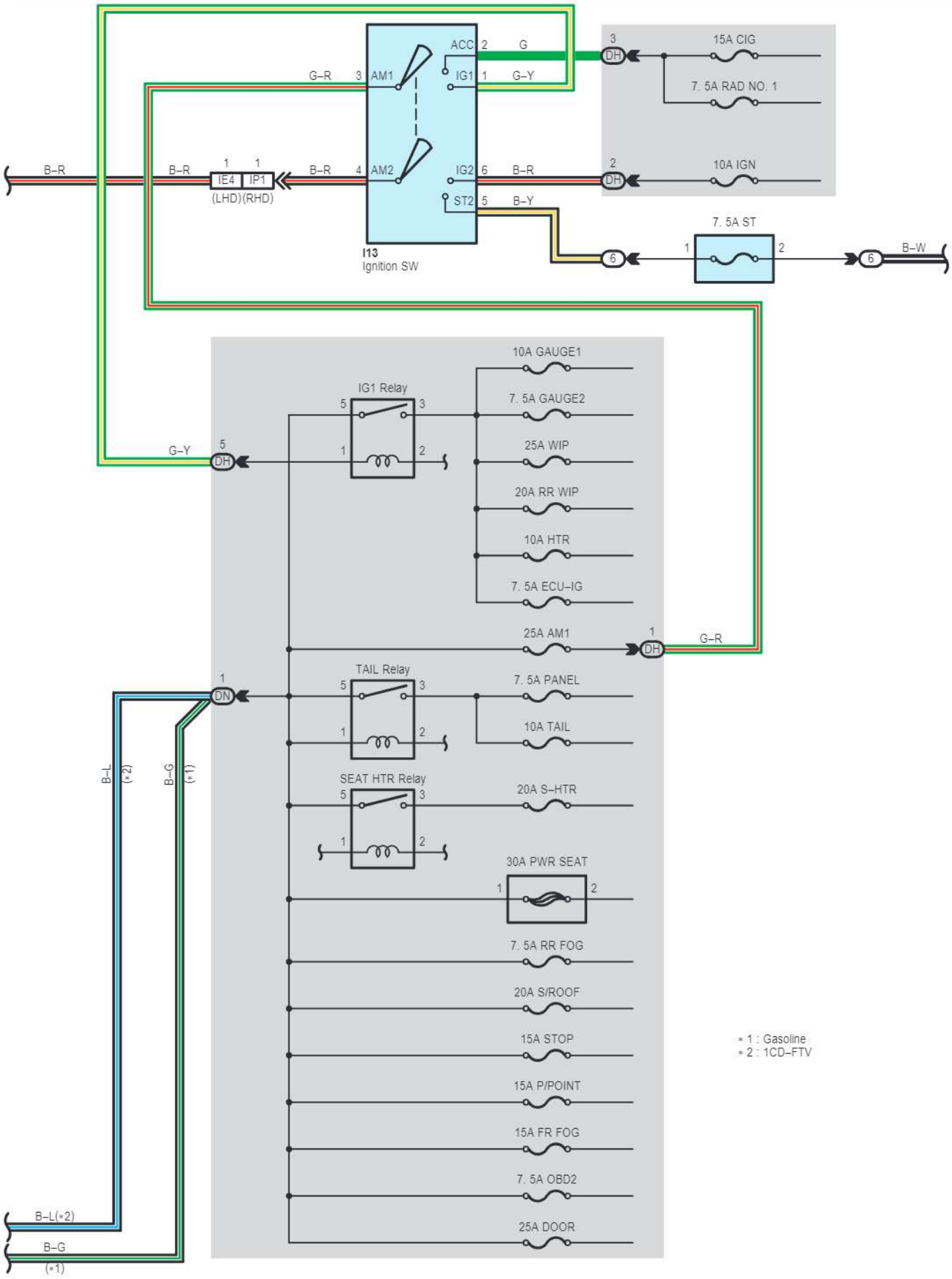


http://vnx.su

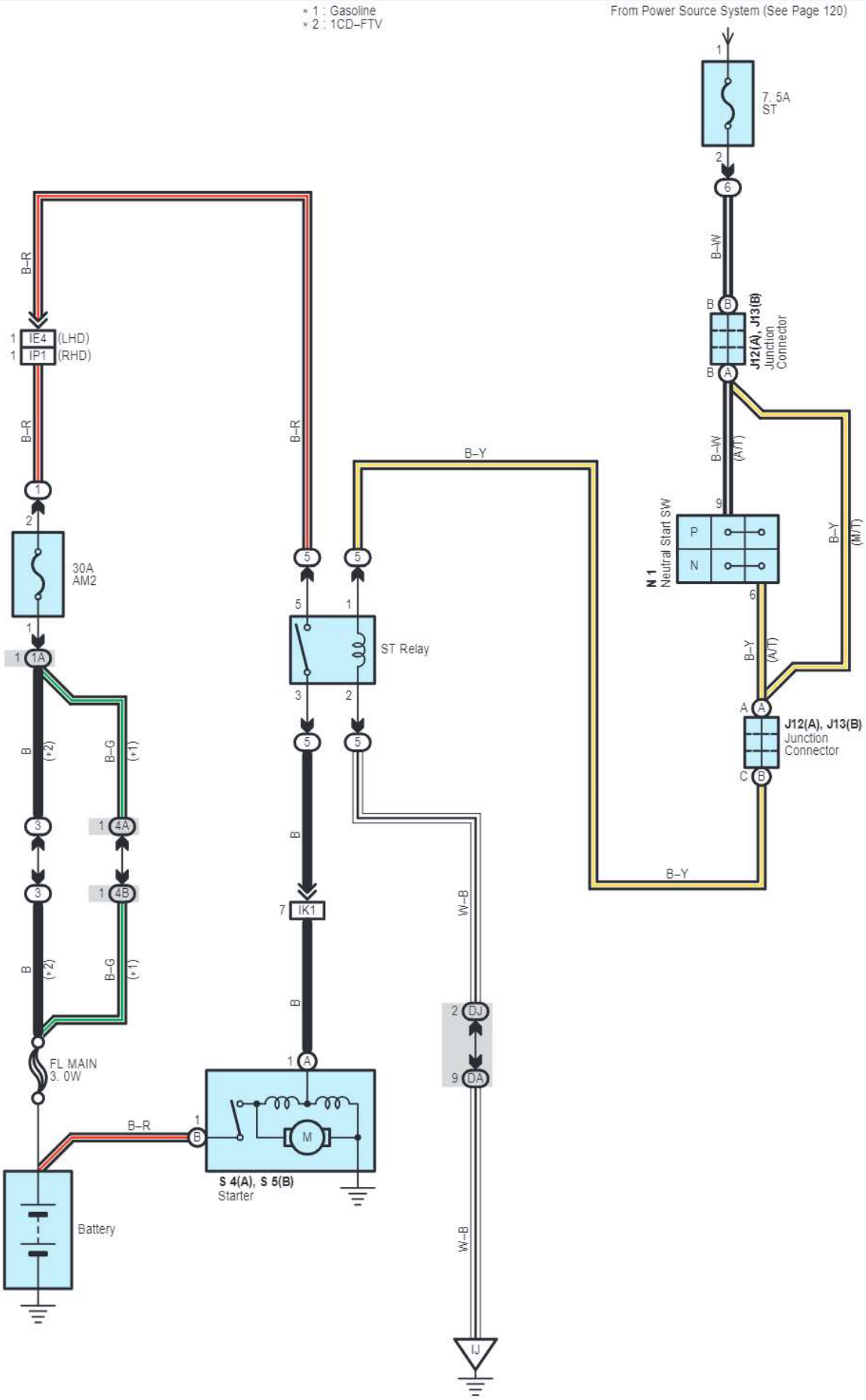

FR DEICER Relay
10A MIR HTR
R–W
B–Y
B
L
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : w/ Daytime Running Light
* 4 : w/o Daytime Running Light
* 5 : 1AZ–FSE, 1AZ–FE
* 6 : 1ZZ–FE, 3ZZ–FE
25A PWR HTR
30A AM2
B–R
40A MAIN
W–L
20A A/F
B–R
10A THROTTLE
G–R
15A HORN
W
10A HAZARD
7. 5A ALT–S
B–G(*1)
B
(*2)
15A IG2
20A EFI
B–Y
GR
W–B
25A F–HTR
L
30A RR DEF
30A DCC
50A EMPS
R
W
(*1)
(*2)
(*3)
(*4)
(*6)
15A H–LP LH
15A H–LP RH
R
R–B
R–L
10A H–LP HI LH
10A H–LP HI RH
R–Y
H–LP Relay
W–R
W–R(*4)
R–Y
DIM Relay
10A EFI NO. 1
B–R
7. 5A EFI NO. 2
B–W
EFI Relay
7. 5A ECU–B 2
7. 5A DOME
15A RAD NO. 2
L–Y
IE4
IP1
(LHD)(RHD)
IB1
IC3
R 9
Rear Window
Defogger Relay
R–W
G–W
7. 5A DEF I/UP
B–L(*2)
B–G
(*1)

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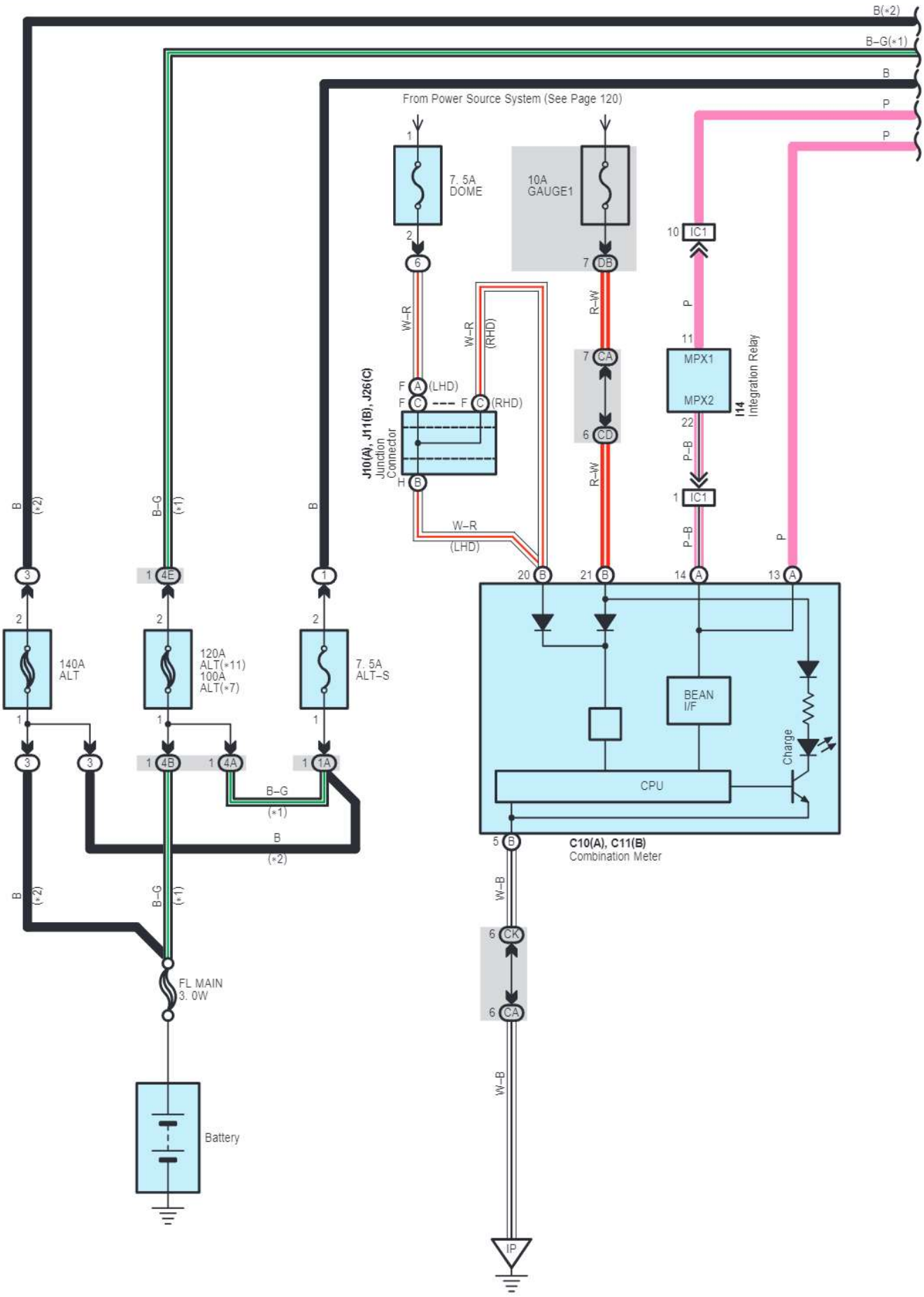
Power Source



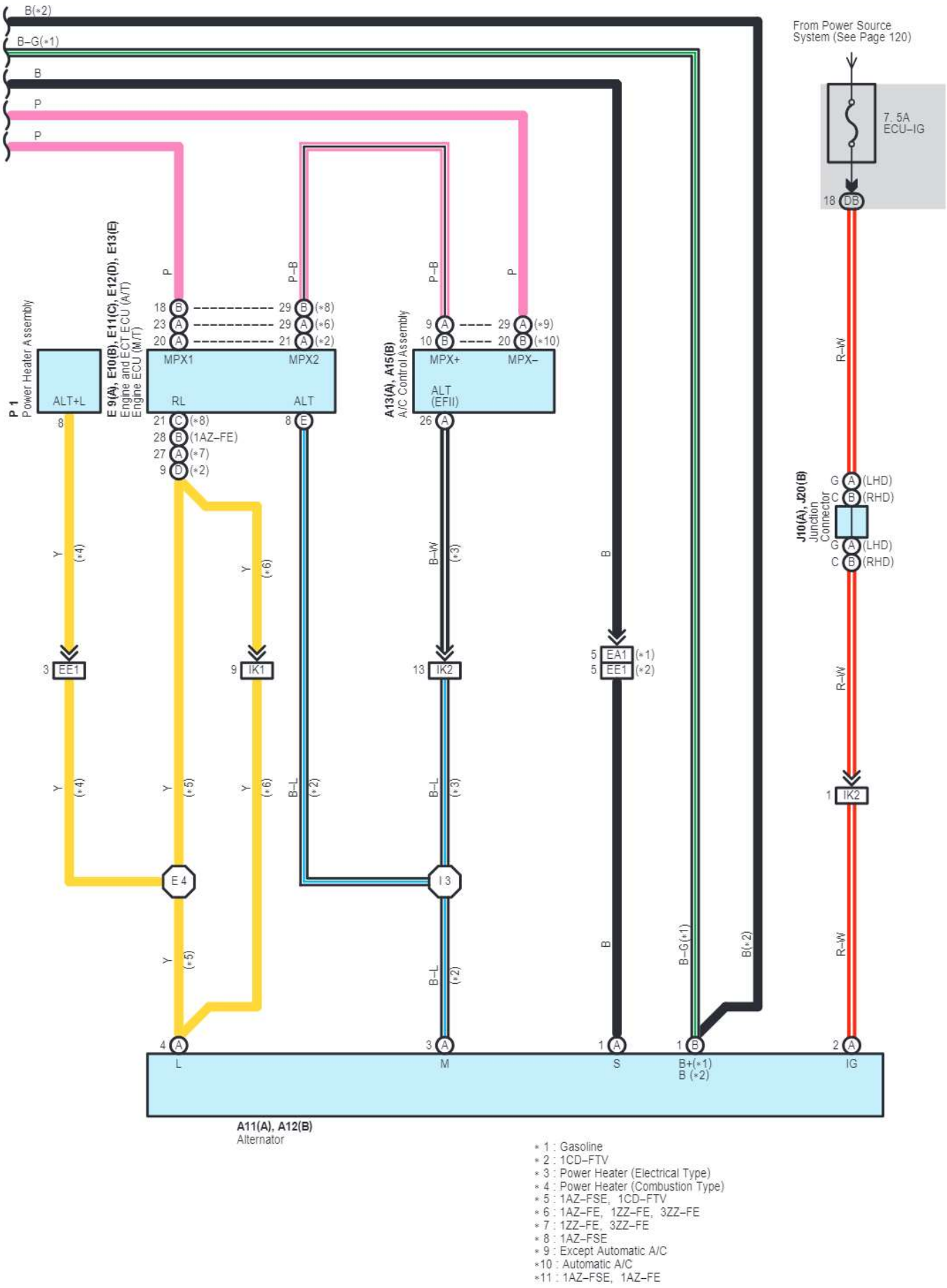
http://vnx.su


* 1 : Gasoline
* 2 : 1CD–FTV
From Power Source System (See Page 120)
7.5A
ST
B–W
J12(A), J13(B)
Junction
Connector
B–R
IE4 (LHD)
IP1 (RHD)
30A
AM2
B–Y
(M/T)
(A/T)
N 1
Neutral Start SW
P
N
ST Relay
1A
4A
4B
IK1
FL MAIN
3.0W
S 4(A), S 5(B)
Starter
Battery
W–B
IJ

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B(*2)
B–G(*1)
B
P
P
From Power Source System (See Page 120)
7. 5A
DOME
10A
GAUGE1
10 IC1
7 DB
W–R
W–R
(RHD)
R–W
P
11
MPX1
MPX2
I14
Integration Relay
22
P–B
1 IC1
P–B
P
J10(A), J11(B), J26(C)
Junction
Connector
F A (LHD)
F C --- F C (RHD)
H B
W–R
(LHD)
7 CA
6 CD
R–W
20 B
21 B
14 A
13 A
B
(*2)
B–G
(*1)
B
3
1 4E
1
2
2
2
140A
ALT
120A
ALT(*11)
100A
ALT(*7)
7. 5A
ALT–S
1
1
1
3
3
1 4B
1 4A
1 1A
B–G
(*1)
B
(*2)
BEAN
I/F
Charge
CPU
5 B
C10(A), C11(B)
Combination Meter
W–B
6 CK
6 CA
W–B
FL MAIN
3. 0W
Battery
IP

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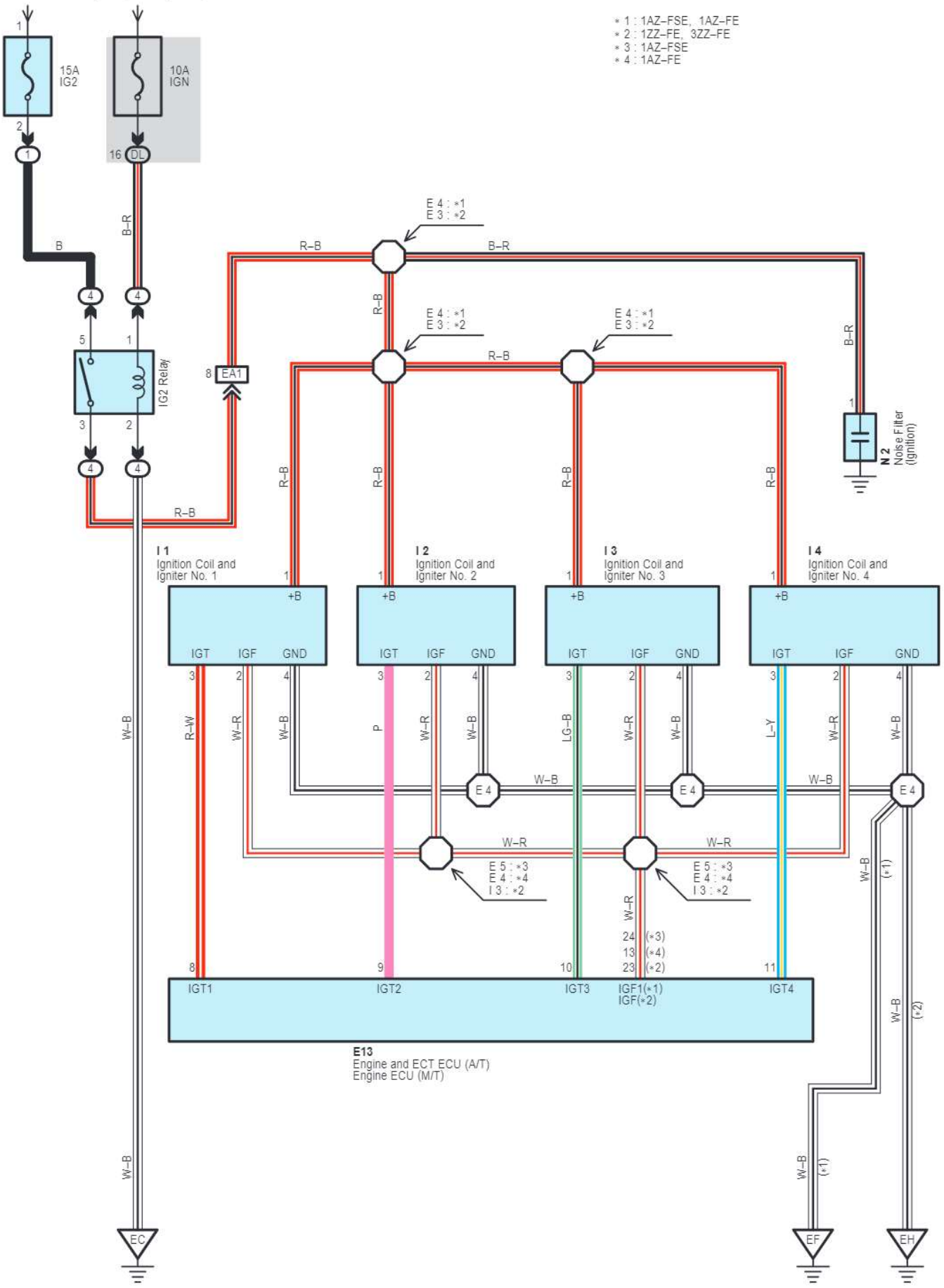


- *1 : Gasoline
- *2 : 1CD–FTV
- *3 : Power Heater (Electrical Type)
- *4 : Power Heater (Combustion Type)
- *5 : 1AZ–FSE, 1CD–FTV
- *6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
- *7 : 1ZZ–FE, 3ZZ–FE
- *8 : 1AZ–FSE
- *9 : Except Automatic A/C
- *10 : Automatic A/C
- *11 : 1AZ–FSE, 1AZ–FE

http://vnx.su

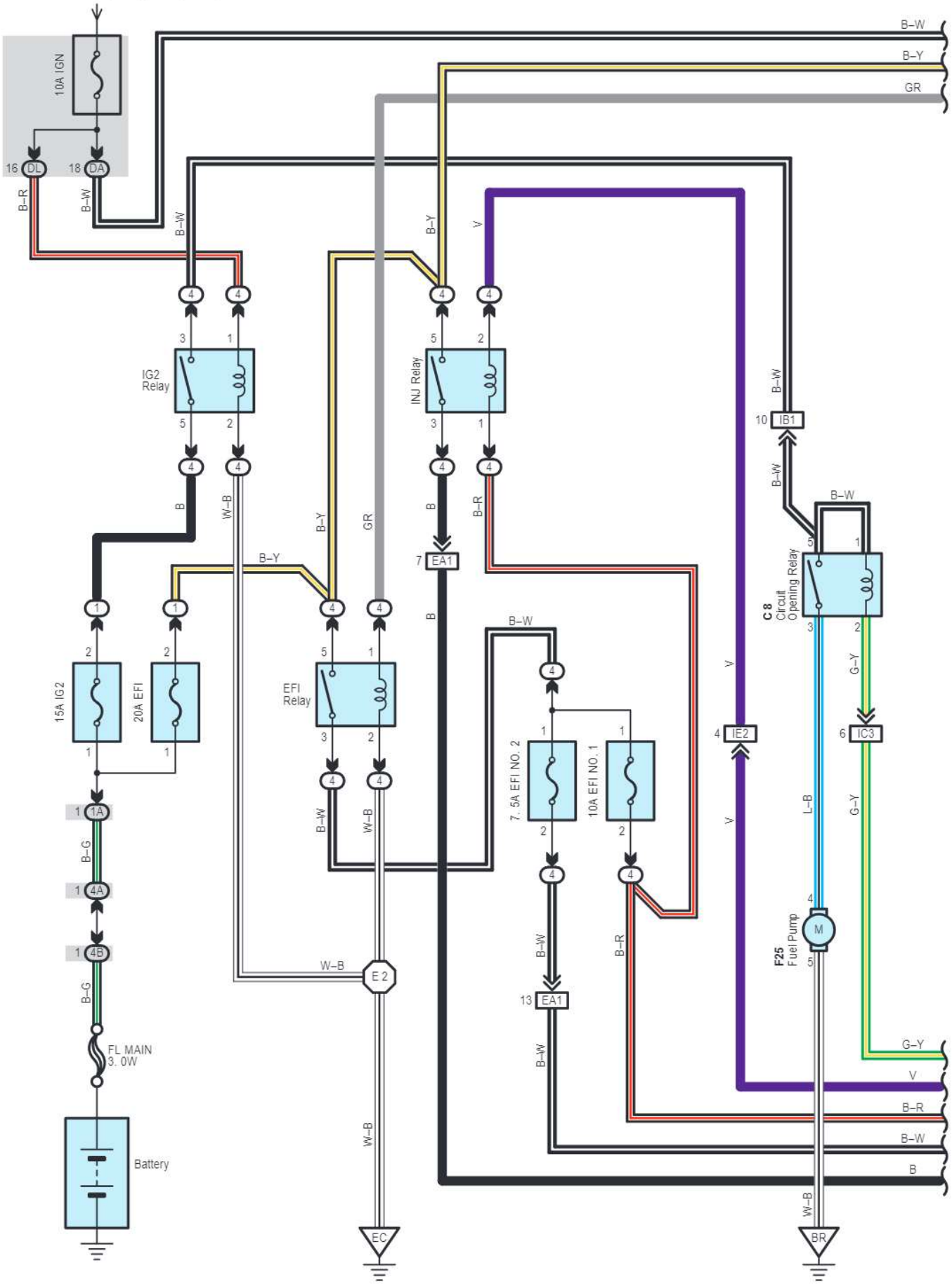
Ignition

From Power Source System (See Page 120)

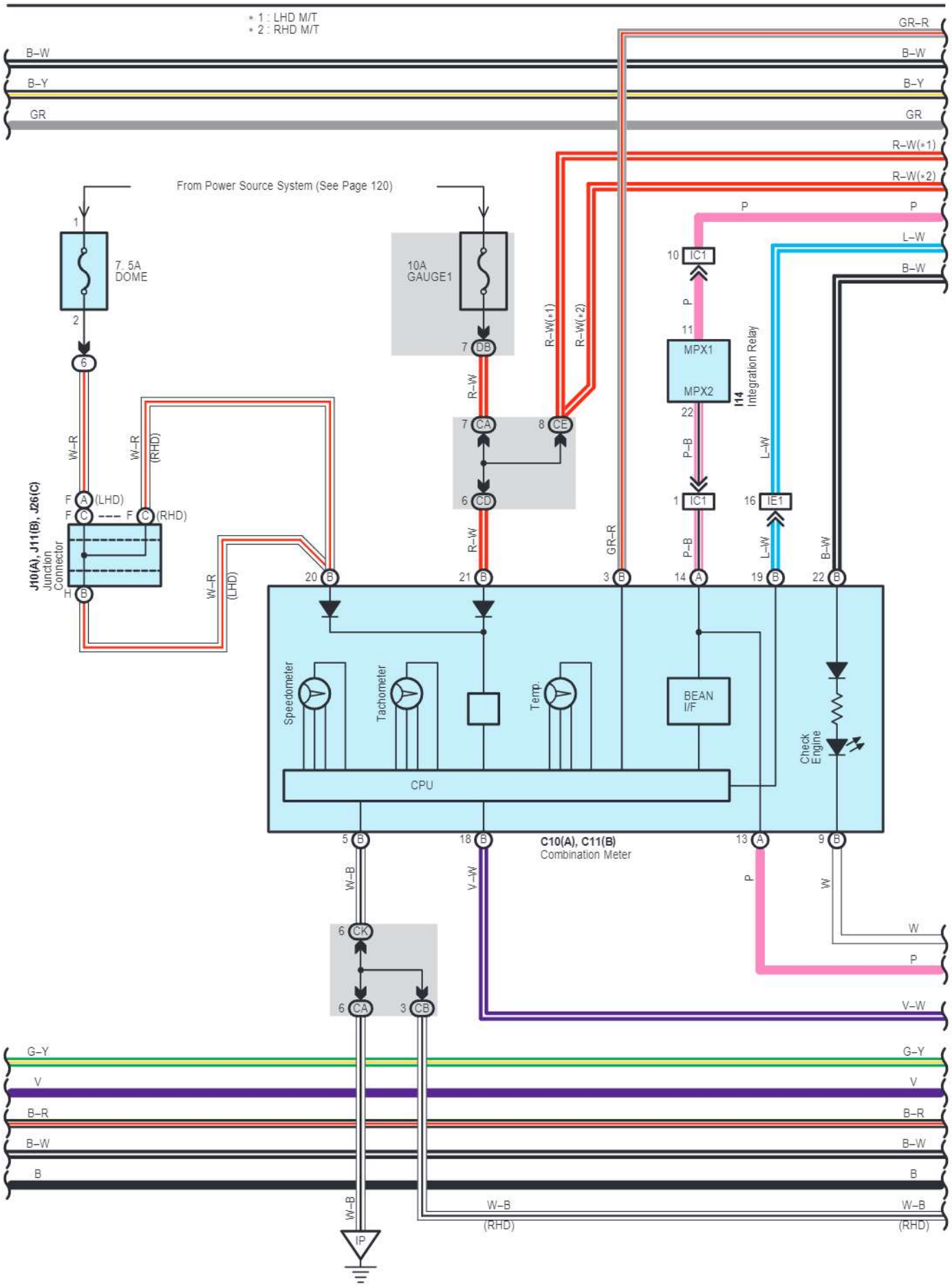


http://vnx.su

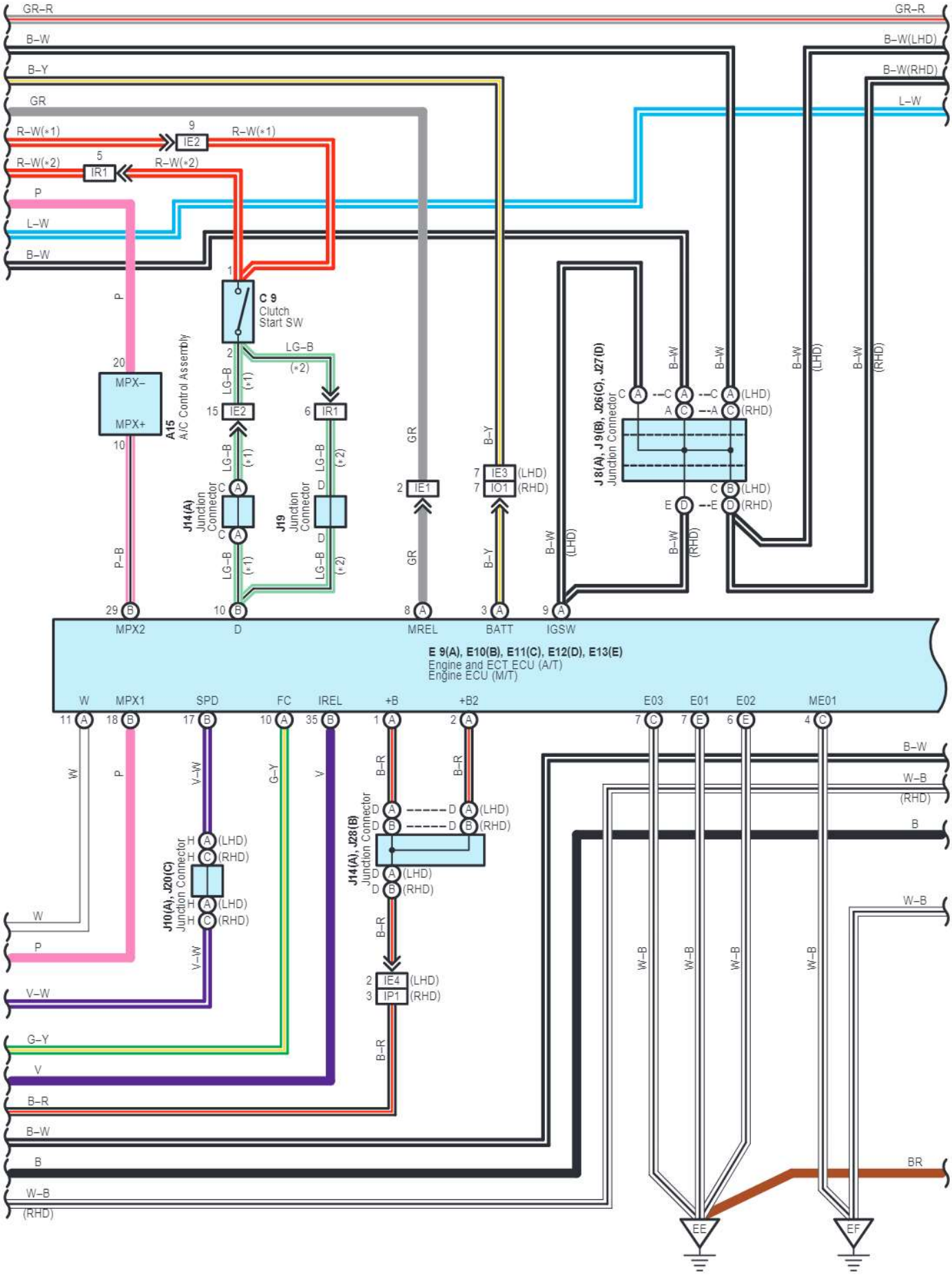
From Power Source System (See Page 120)



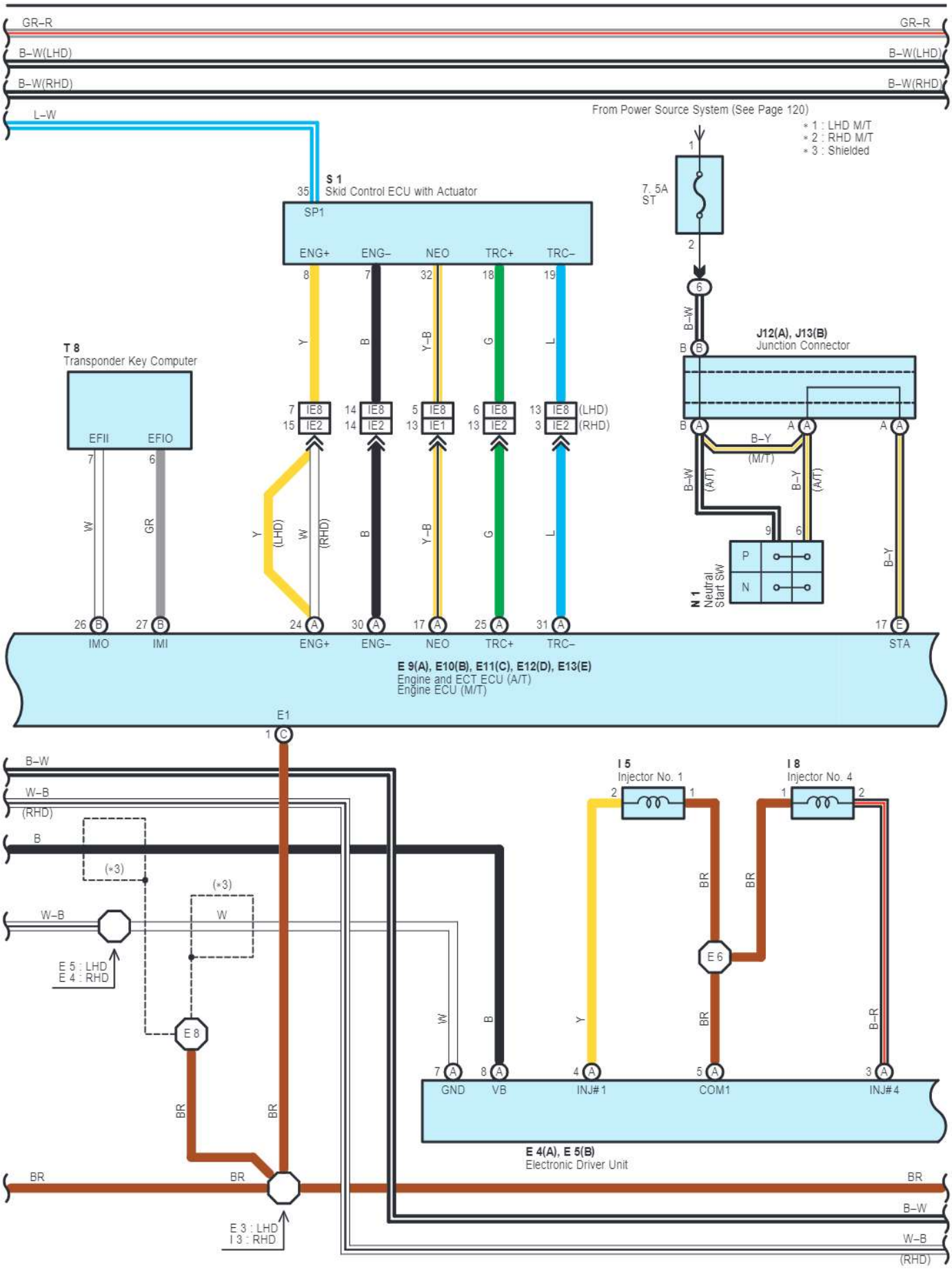
http://vnx.su


* 1 : LHD M/T
* 2 : RHD M/T
From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
J10(A), J11(B), J26(C) Junction Connector
I14 Integration Relay
MPX1
MPX2
IC1
IE1
BEAN I/F
Speedometer
Tachometer
Temp.
CPU
Check Engine
C10(A), C11(B) Combination Meter
IP
(LHD)
(RHD)
B–W
B–Y
GR
GR–R
R–W(*1)
R–W(*2)
P
L–W
W–R
R–W
P–B
W–B
V–W
G–Y
V
B–R
B
W

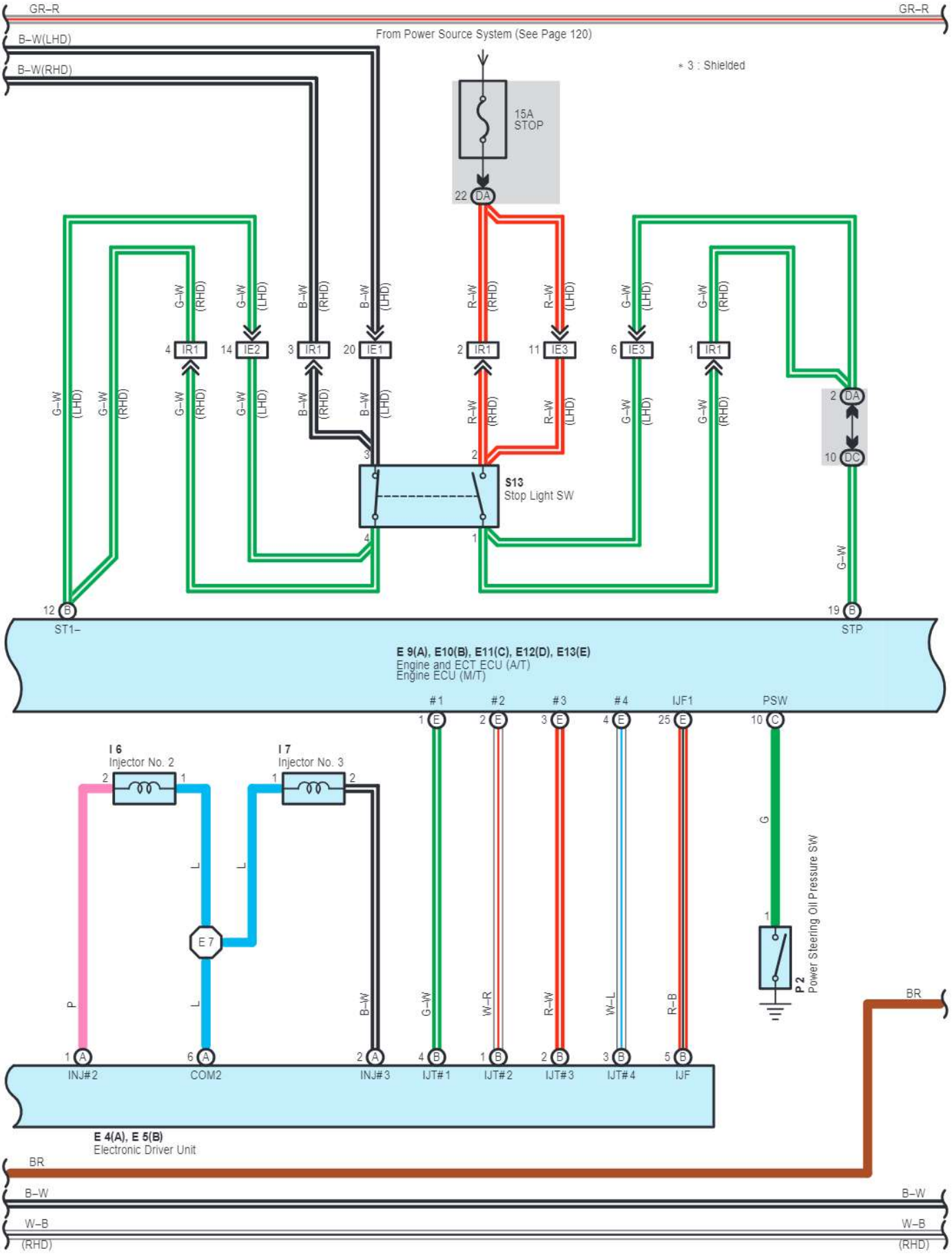
http://vnx.su


GR–R
B–W
B–Y
GR
R–W(*1)
R–W(*2)
P
L–W
B–W
B–W(LHD)
B–W(RHD)
L–W
C 9
Clutch
Start SW
A15
A/C Control Assembly
MPX–
MPX+
LG–B
P–B
GR
B–Y
J14(A)
Junction
Connector
J19
Junction
Connector
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
(LHD)
(RHD)
MPX2
D
MREL
BATT
IGSW
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
W
MPX1
SPD
FC
IREL
+B
+B2
E03
E01
E02
ME01
V–W
G–Y
V
B–R
W–B
B
BR
J10(A), J20(C)
Junction Connector
J14(A), J28(B)
Junction Connector
IE1
IE2
IE3
IE4
IO1
IP1
IR1
EE
EF

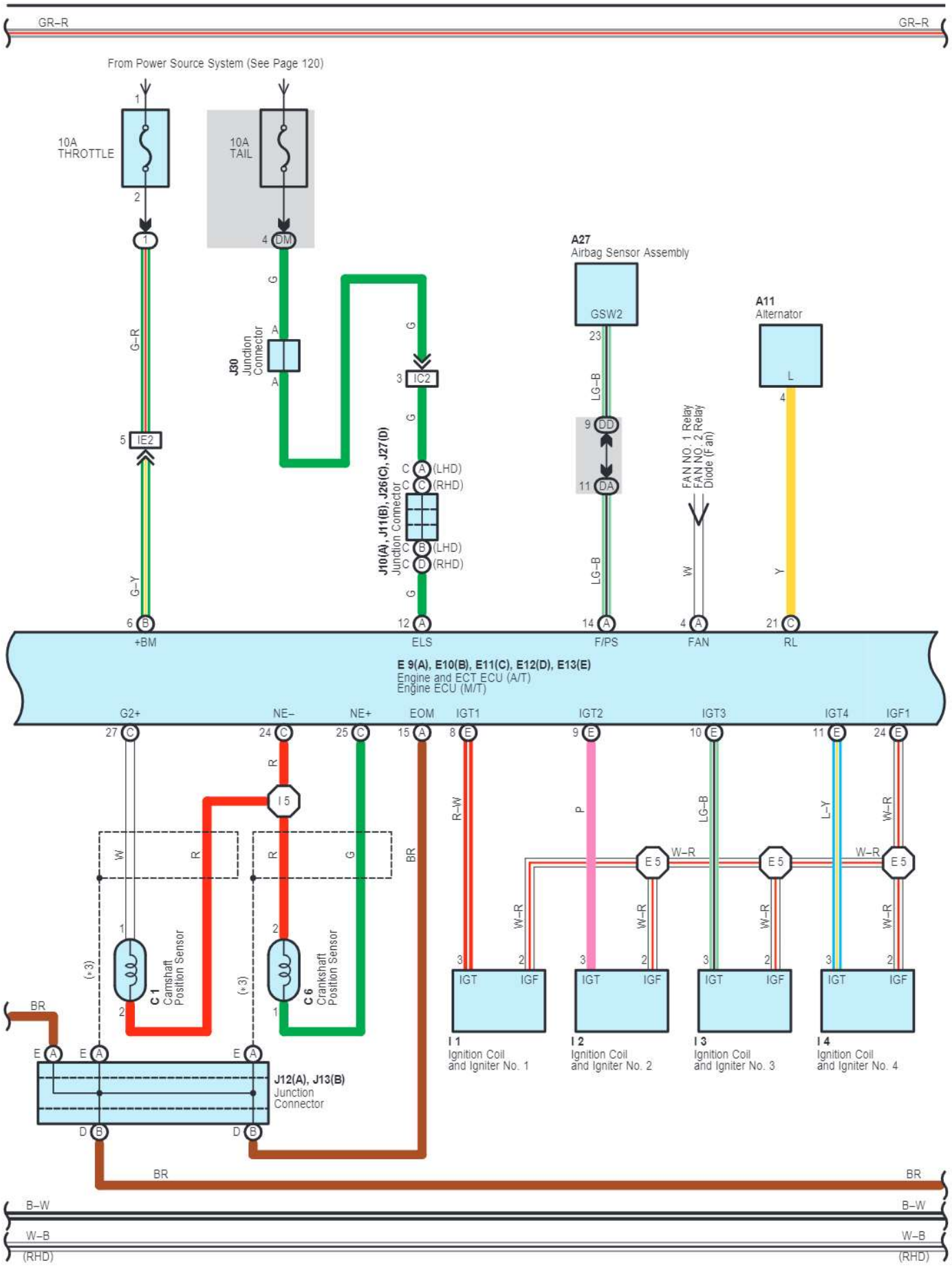
http://vnx.su


GR–R
B–W(LHD)
B–W(RHD)
L–W
From Power Source System (See Page 120)
* 1 : LHD M/T
* 2 : RHD M/T
* 3 : Shielded
S 1
Skid Control ECU with Actuator
SP1
ENG+
ENG–
NEO
TRC+
TRC–
7.5A
ST
T 8
Transponder Key Computer
EFII
EFIO
IMO
IMI
IE8
IE2
IE1
(LHD)
(RHD)
J12(A), J13(B)
Junction Connector
B–Y
(M/T)
B–W
(A/T)
B–Y
(A/T)
N 1
Neutral
Start SW
P
N
STA
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
E1
B–W
W–B
(RHD)
B
(×3)
W
E 5 : LHD
E 4 : RHD
E 8
BR
I 5
Injector No. 1
I 8
Injector No. 4
E 6
B–R
GND
VB
INJ#1
COM1
INJ#4
E 4(A), E 5(B)
Electronic Driver Unit
E 3 : LHD
I 3 : RHD

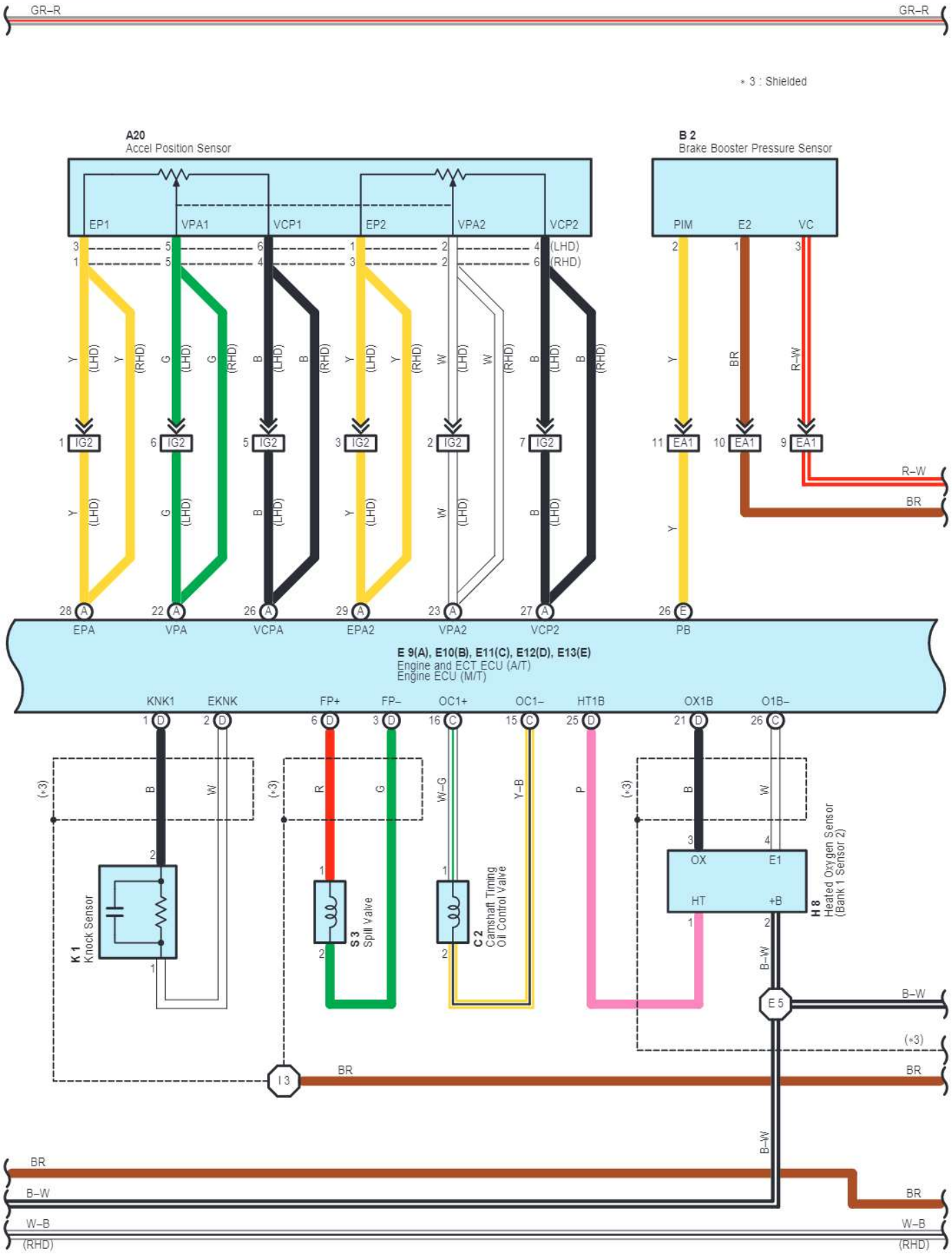
http://vnx.su


GR–R
GR–R
B–W(LHD)
B–W(RHD)
From Power Source System (See Page 120)
* 3 : Shielded
15A
STOP
22 DA
G–W (LHD)
G–W (RHD)
B–W (RHD)
B–W (LHD)
R–W (RHD)
R–W (LHD)
4 IR1
14 IE2
3 IR1
20 IE1
2 IR1
11 IE3
6 IE3
1 IR1
2 DA
10 DC
S13
Stop Light SW
12 B
ST1–
19 B
STP
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
#1
#2
#3
#4
IJF1
PSW
I 6
Injector No. 2
I 7
Injector No. 3
E 7
P
L
G
P 2
Power Steering Oil Pressure SW
B–W
G–W
W–R
R–W
W–L
R–B
INJ#2
COM2
INJ#3
IJT#1
IJT#2
IJT#3
IJT#4
IJF
E 4(A), E 5(B)
Electronic Driver Unit
BR
B–W
W–B
(RHD)

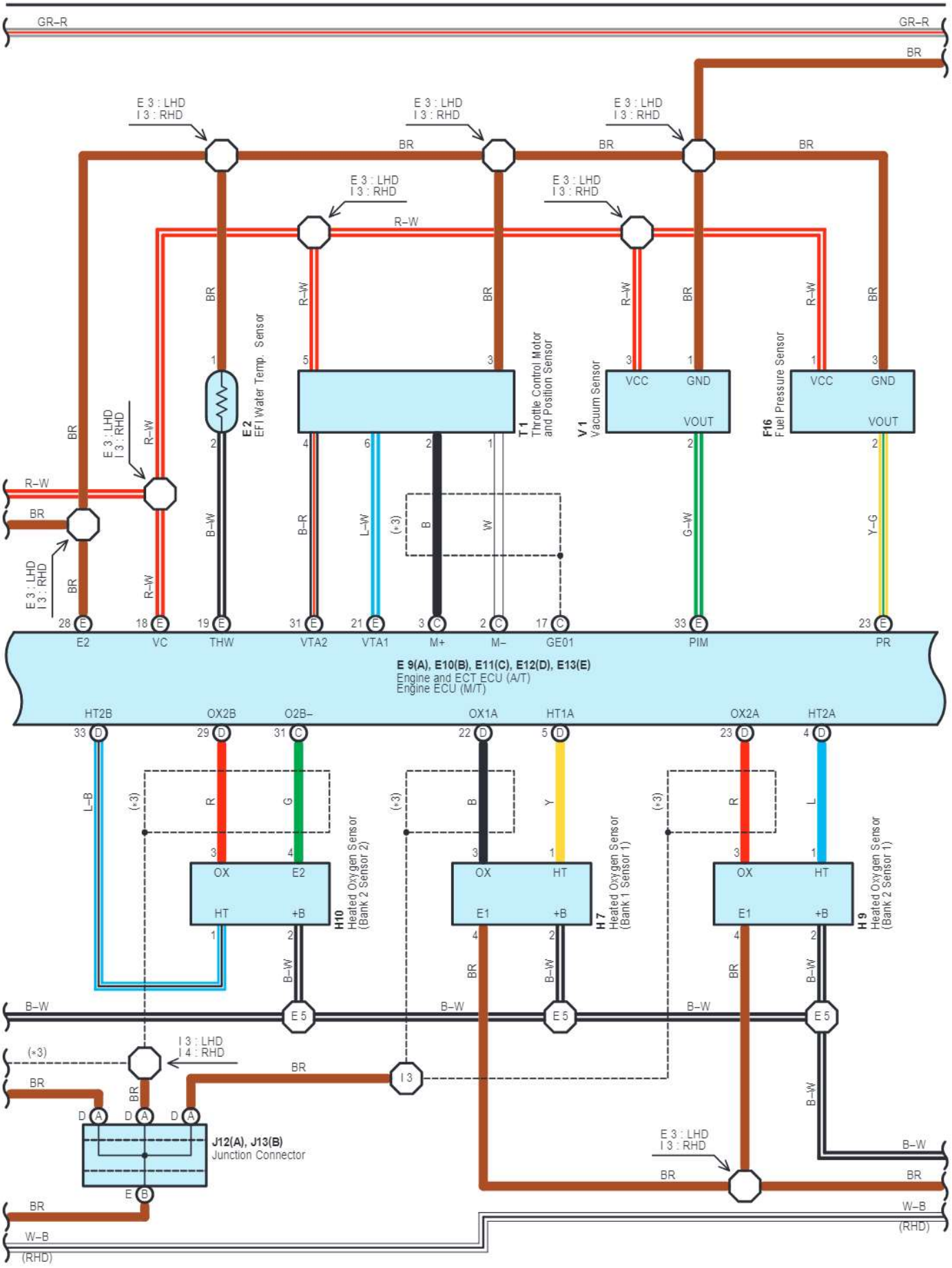
http://vnx.su


GR–R
GR–R
From Power Source System (See Page 120)
10A THROTTLE
10A TAIL
J30 Junction Connector
A27 Airbag Sensor Assembly
GSW2
A11 Alternator
FAN NO. 1 Relay
FAN NO. 2 Relay
Diode (Fan)
IC2
J10(A), J11(B), J26(C), J27(D) Junction Connector
(LHD)
(RHD)
IE2
+BM
ELS
F/PS
FAN
RL
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
G2+
NE–
NE+
EOM
IGT1
IGT2
IGT3
IGT4
IGF1
I 5
E 5
C 1 Camshaft Position Sensor
C 6 Crankshaft Position Sensor
J12(A), J13(B) Junction Connector
I 1 Ignition Coil and Igniter No. 1
I 2 Ignition Coil and Igniter No. 2
I 3 Ignition Coil and Igniter No. 3
I 4 Ignition Coil and Igniter No. 4
IGT
IGF
B–W
W–B
(RHD)

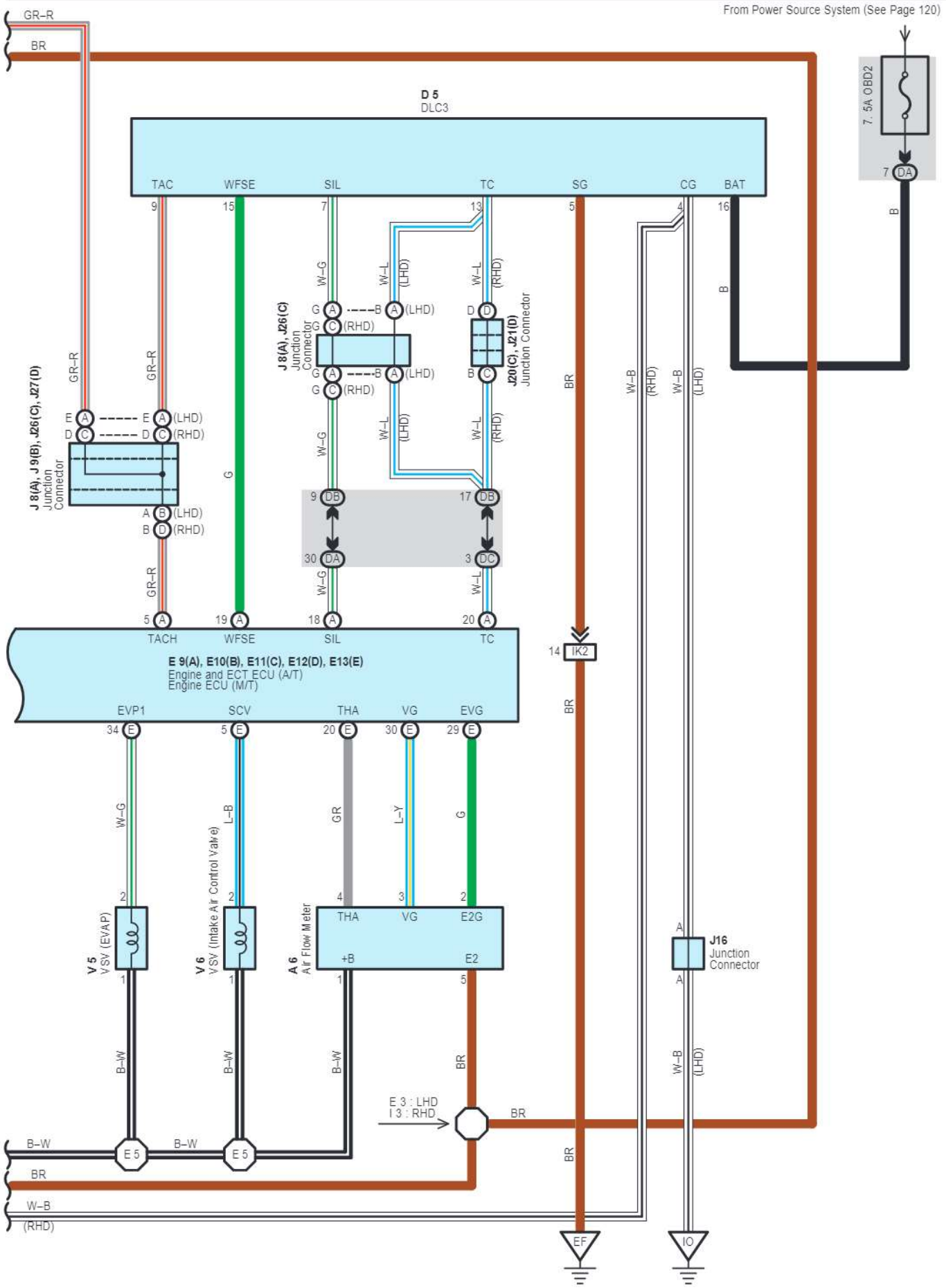
http://vnx.su


GR–R
GR–R
* 3 : Shielded
A20
Accel Position Sensor
EP1
VPA1
VCP1
EP2
VPA2
VCP2
B 2
Brake Booster Pressure Sensor
PIM
E2
VC
(LHD)
(RHD)
IG2
EA1
R–W
BR
28 A EPA
22 A VPA
26 A VCPA
29 A EPA2
23 A VPA2
27 A VCP2
26 E PB
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
KNK1
EKNK
FP+
FP–
OC1+
OC1–
HT1B
OX1B
O1B–
(*3)
K 1
Knock Sensor
S 3
Spill Valve
C 2
Camshaft Timing
Oil Control Valve
H 8
Heated Oxygen Sensor
(Bank 1 Sensor 2)
OX
E1
HT
+B
E 5
I 3
B–W
W–B
(RHD)

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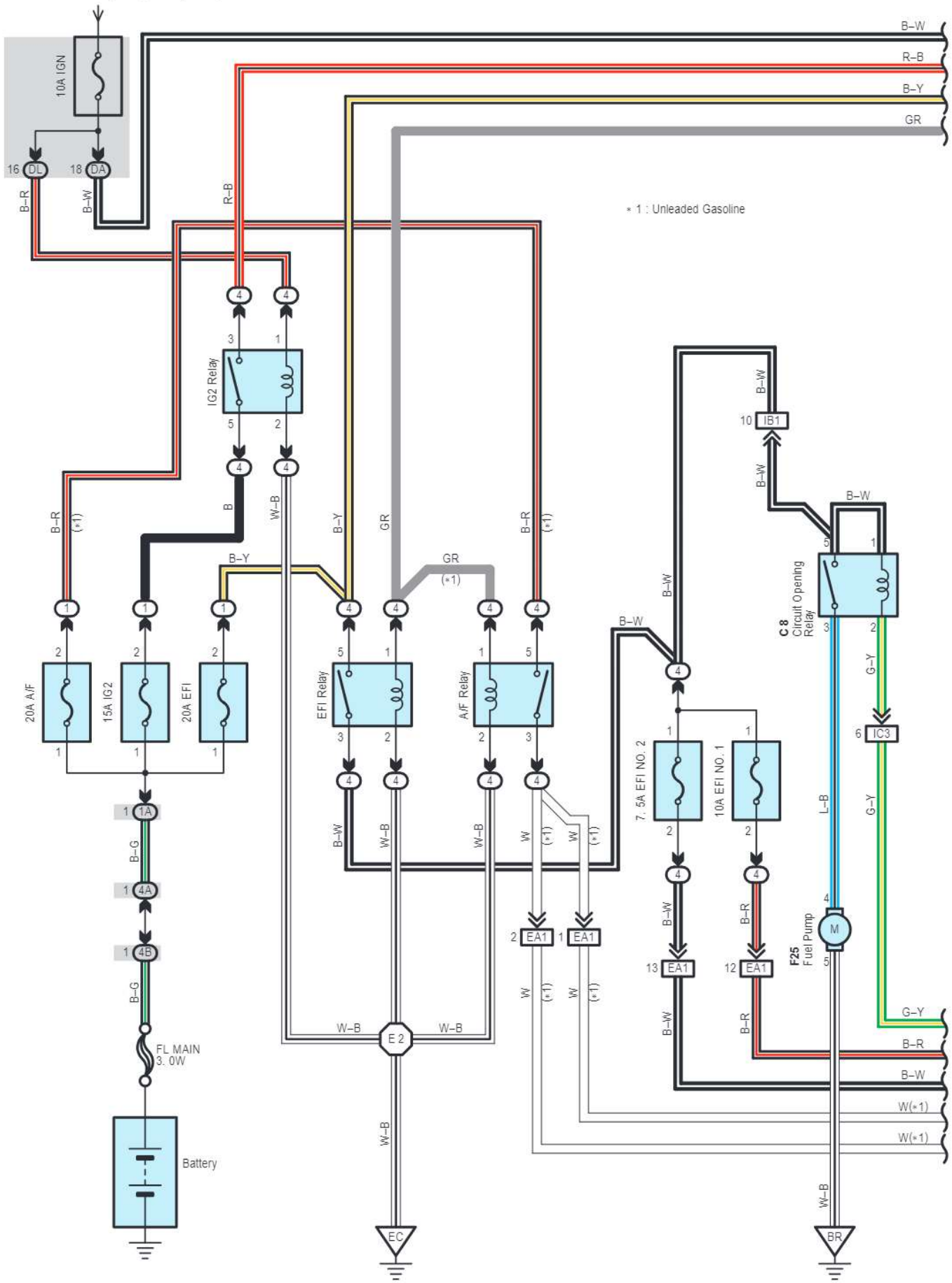

GR–R
GR–R
BR
E 3 : LHD
I 3 : RHD
R–W
E2
EFI Water Temp. Sensor
T1
Throttle Control Motor and Position Sensor
V1
Vacuum Sensor
F16
Fuel Pressure Sensor
VCC
GND
VOUT
B–W
B–R
L–W
G–W
Y–G
E2
VC
THW
VTA2
VTA1
M+
M–
GE01
PIM
PR
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
HT2B
OX2B
O2B–
OX1A
HT1A
OX2A
HT2A
L–B
R
G
B
Y
L
OX
E2
HT
+B
E1
H10
Heated Oxygen Sensor (Bank 2 Sensor 2)
H7
Heated Oxygen Sensor (Bank 1 Sensor 1)
H9
Heated Oxygen Sensor (Bank 2 Sensor 1)
E 5
I 3 : LHD
I 4 : RHD
I 3
J12(A), J13(B)
Junction Connector
W–B
(RHD)

http://vnx.su

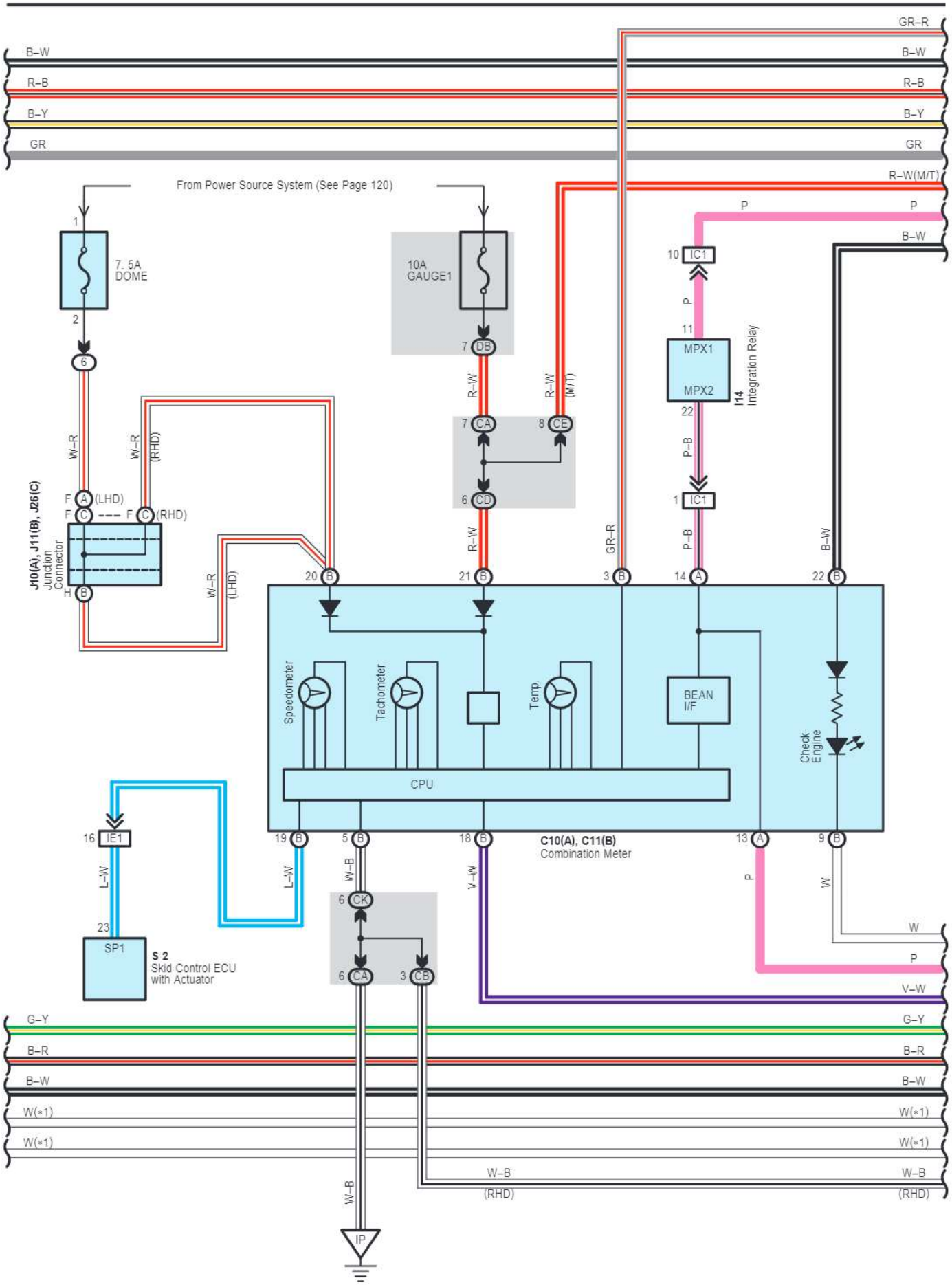

From Power Source System (See Page 120)
GR–R
BR
7. 5A OBD2
D 5
DLC3
TAC
WFSE
SIL
TC
SG
CG
BAT
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
J 8(A), J26(C)
Junction Connector
J20(C), J21(D)
Junction Connector
(LHD)
(RHD)
W–G
W–L
G
B
BR
W–B
GR–R
TACH
WFSE
SIL
TC
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
IK2
EVP1
SCV
THA
VG
EVG
L–B
GR
L–Y
G
V 5
VSV (EVAP)
V 6
VSV (Intake Air Control Valve)
A 6
Air Flow Meter
THA
VG
E2G
+B
E2
B–W
E 5
E 3 : LHD
I 3 : RHD
J16
Junction Connector
EF
IO

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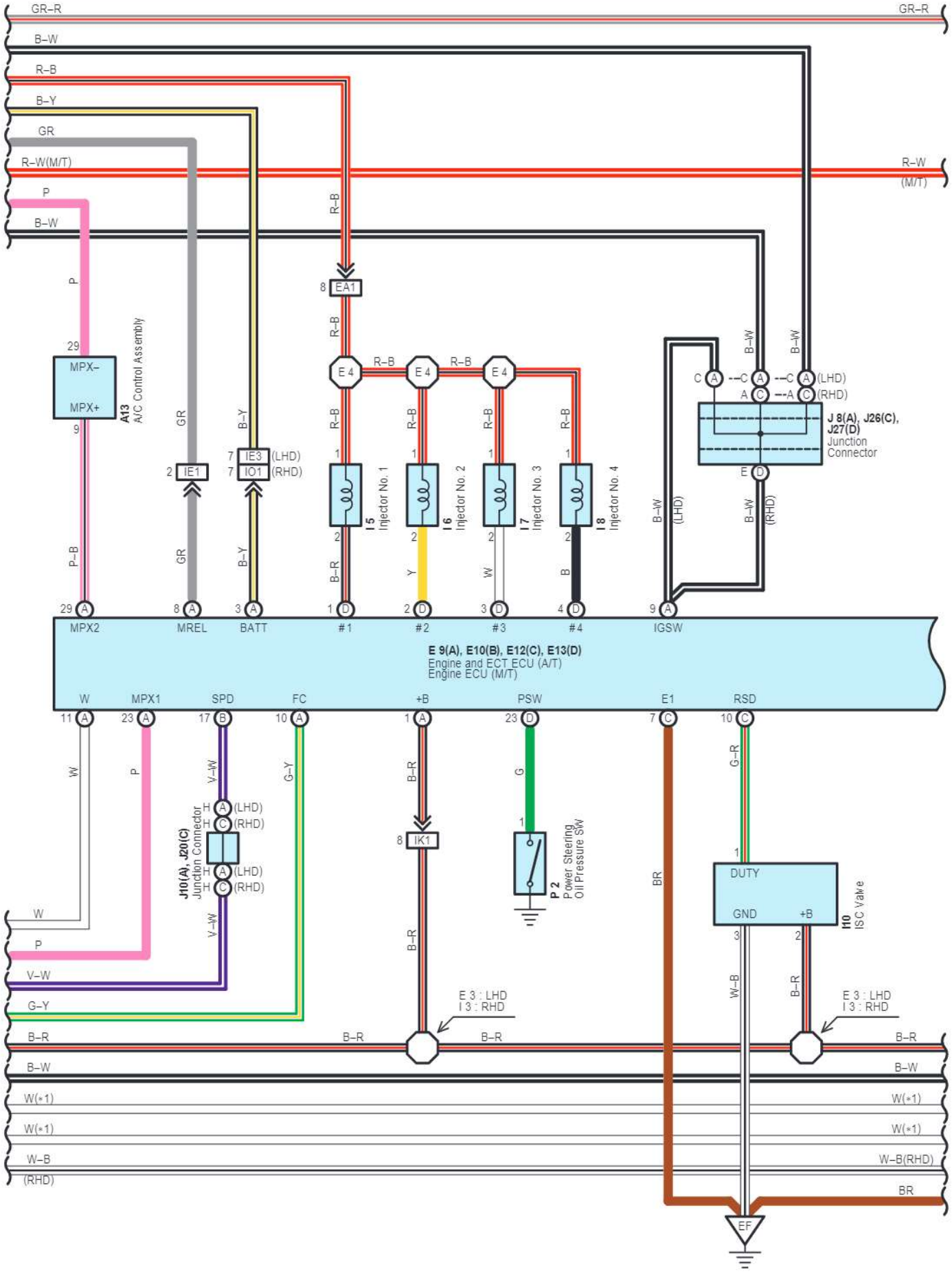
From Power Source System (See Page 120)



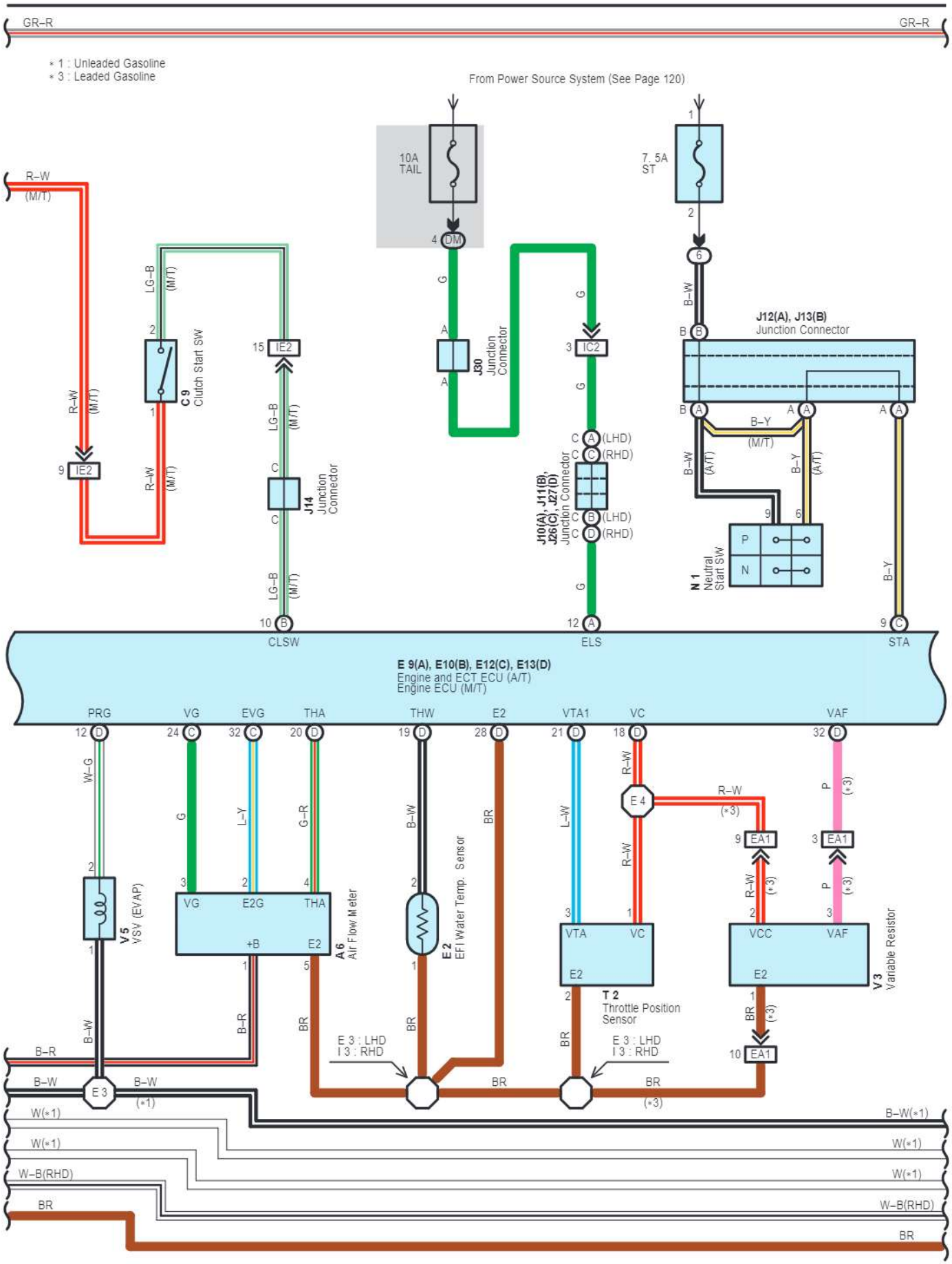
http://vnx.su


From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
J10(A), J11(B), J26(C) Junction Connector
I14 Integration Relay
MPX1
MPX2
IC1
BEAN I/F
Speedometer
Tachometer
Temp.
Check Engine
CPU
C10(A), C11(B) Combination Meter
S2 Skid Control ECU with Actuator
SP1
IE1
IP
(LHD)
(RHD)
(M/T)
R–W(M/T)
GR–R
B–W
R–B
B–Y
GR
P
W–R
L–W
W–B
V–W
G–Y
B–R
W(*1)
W

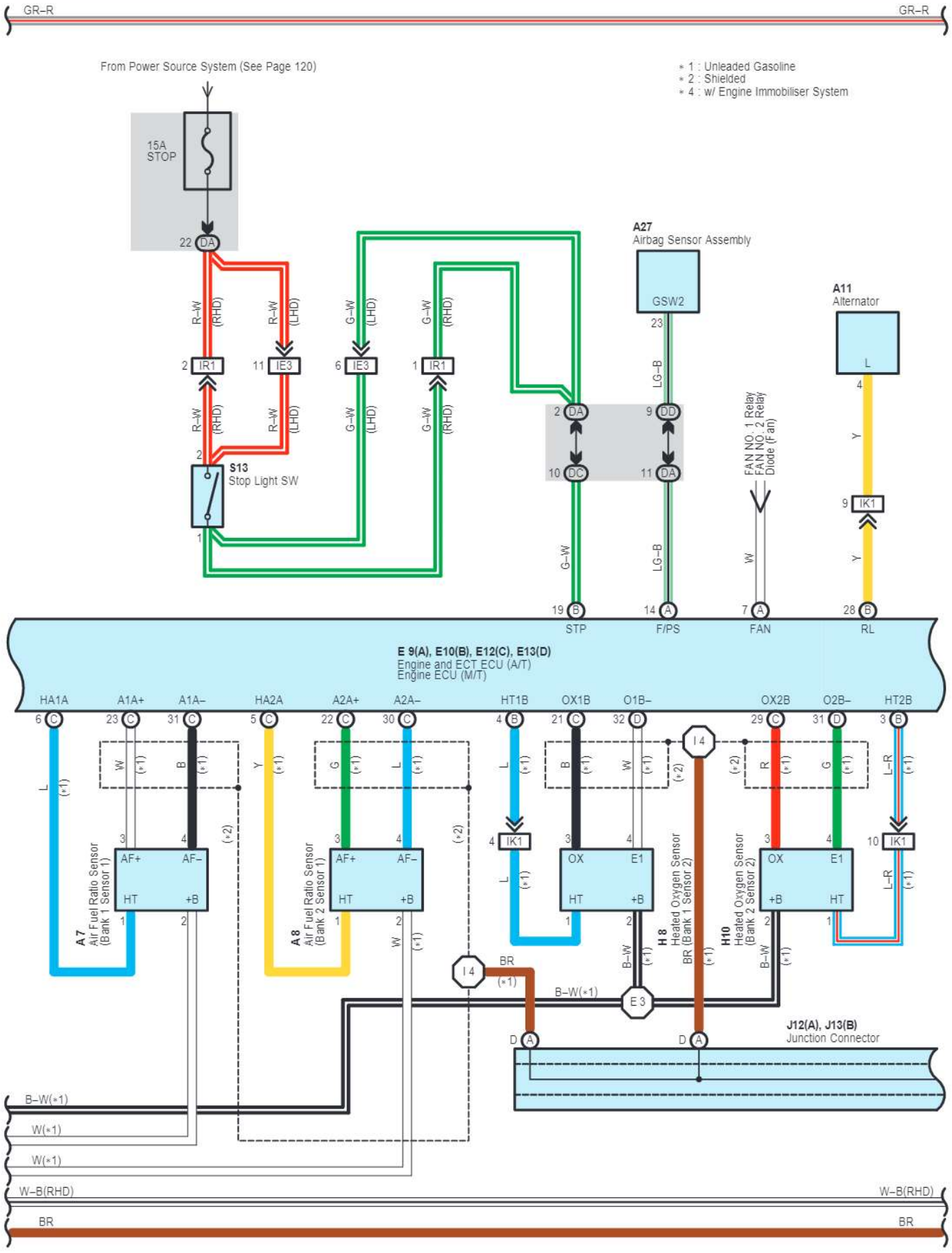
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GR–R
GR–R
B–W
R–B
B–Y
GR
R–W(M/T)
R–W
(M/T)
P
B–W
R–B
8 EA1
A13
A/C Control Assembly
29
MPX–
MPX+
9
P
P–B
GR
B–Y
7 IE3 (LHD)
7 IO1 (RHD)
2 IE1
E 4
I 5 Injector No. 1
I 6 Injector No. 2
I 7 Injector No. 3
I 8 Injector No. 4
B–R
Y
W
B
B–W
(LHD)
B–W
(RHD)
C A --C A --C A (LHD)
A C --A C (RHD)
J 8(A), J26(C), J27(D)
Junction Connector
E D
29 A MPX2
8 A MREL
3 A BATT
1 D #1
2 D #2
3 D #3
4 D #4
9 A IGSW
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
W
MPX1
SPD
FC
+B
PSW
E1
RSD
11 A
23 A
17 B
10 A
1 A
23 D
7 C
10 C
V–W
G–Y
G–R
G
BR
J10(A), J20(C)
Junction Connector
H A (LHD)
H C (RHD)
8 IK1
P 2
Power Steering
Oil Pressure SW
DUTY
GND
+B
I10
ISC Valve
W–B
E 3 : LHD
I 3 : RHD
W(*1)
W–B(RHD)
EF

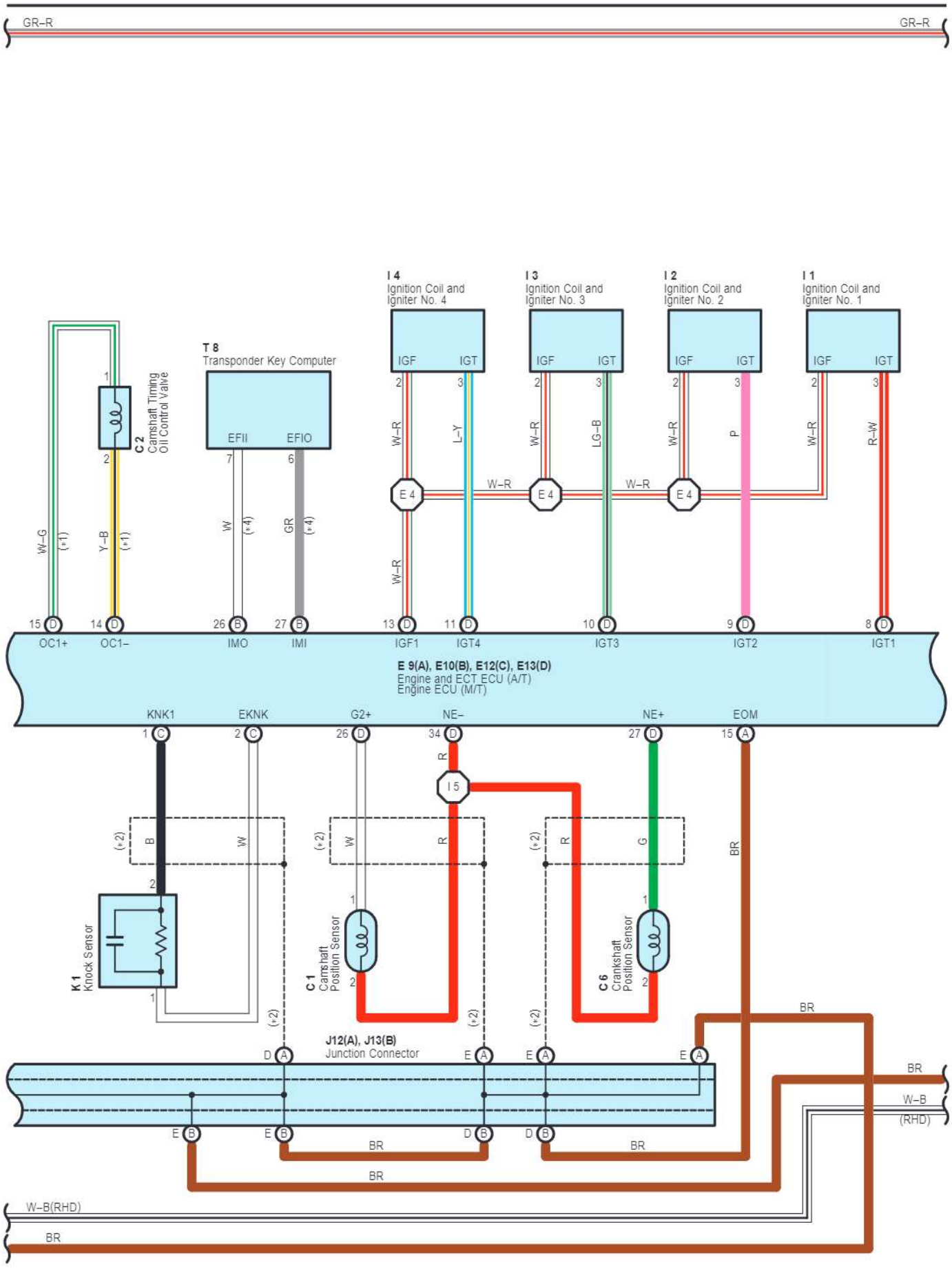
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GR–R
GR–R
* 1 : Unleaded Gasoline
* 3 : Leaded Gasoline
From Power Source System (See Page 120)
10A TAIL
7. 5A ST
R–W (M/T)
LG–B (M/T)
C 9 Clutch Start SW
IE2
J14 Junction Connector
J30 Junction Connector
IC2
J10(A), J11(B), J26(C), J27(D) Junction Connector
J12(A), J13(B) Junction Connector
B–Y (M/T)
B–W (A/T)
B–Y (A/T)
N 1 Neutral Start SW
CLSW
ELS
STA
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
PRG
VG
EVG
THA
THW
E2
VTA1
VC
VAF
W–G
G
L–Y
G–R
B–W
BR
L–W
R–W
P
V 5 VSV (EVAP)
A 6 Air Flow Meter
E 2 EFI Water Temp. Sensor
E 4
T 2 Throttle Position Sensor
V 3 Variable Resistor
EA1
E 3 : LHD I 3 : RHD
E 3
B–R
W(*1)
W–B(RHD)
BR
B–W(*1)

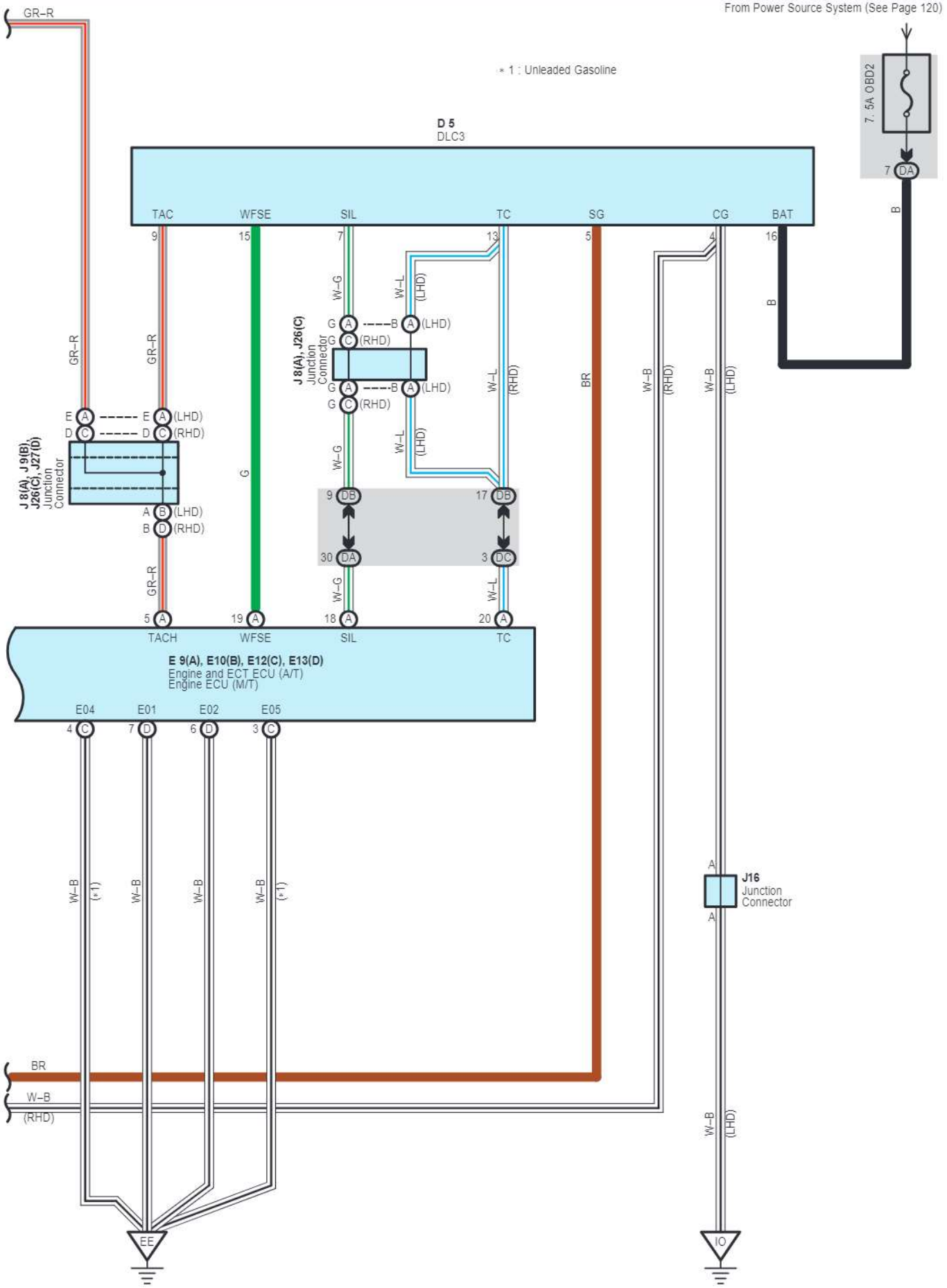
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GR–R
GR–R
From Power Source System (See Page 120)
* 1 : Unleaded Gasoline
* 2 : Shielded
* 4 : w/ Engine Immobiliser System
15A
STOP
22 DA
R–W (RHD)
R–W (LHD)
G–W (LHD)
G–W (RHD)
2 IR1
11 IE3
6 IE3
1 IR1
S13
Stop Light SW
A27
Airbag Sensor Assembly
GSW2
23
LG–B
2 DA
9 DD
10 DC
11 DA
A11
Alternator
L
4
Y
9 IK1
FAN NO. 1 Relay
FAN NO. 2 Relay
Diode (Fan)
W
19 B
STP
14 A
F/PS
7 A
FAN
28 B
RL
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
HA1A
A1A+
A1A–
HA2A
A2A+
A2A–
HT1B
OX1B
O1B–
OX2B
O2B–
HT2B
6 C
23 C
31 C
5 C
22 C
30 C
4 B
21 C
32 D
29 C
31 D
3 B
L (*1)
W (*1)
B (*1)
Y (*1)
G (*1)
L (*1)
L (*1)
B (*1)
W (*1)
R (*1)
G (*1)
L–R (*1)
(*2)
4 IK1
10 IK1
AF+
AF–
HT
+B
OX
E1
A 7
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
A 8
Air Fuel Ratio Sensor (Bank 2 Sensor 1)
H 8
Heated Oxygen Sensor BR (Bank 1 Sensor 2)
H10
Heated Oxygen Sensor (Bank 2 Sensor 2)
I 4
BR (*1)
B–W (*1)
B–W
E 3
J12(A), J13(B)
Junction Connector
D A
B–W(*1)
W(*1)
W(*1)
W–B(RHD)
BR
W–B(RHD)
BR

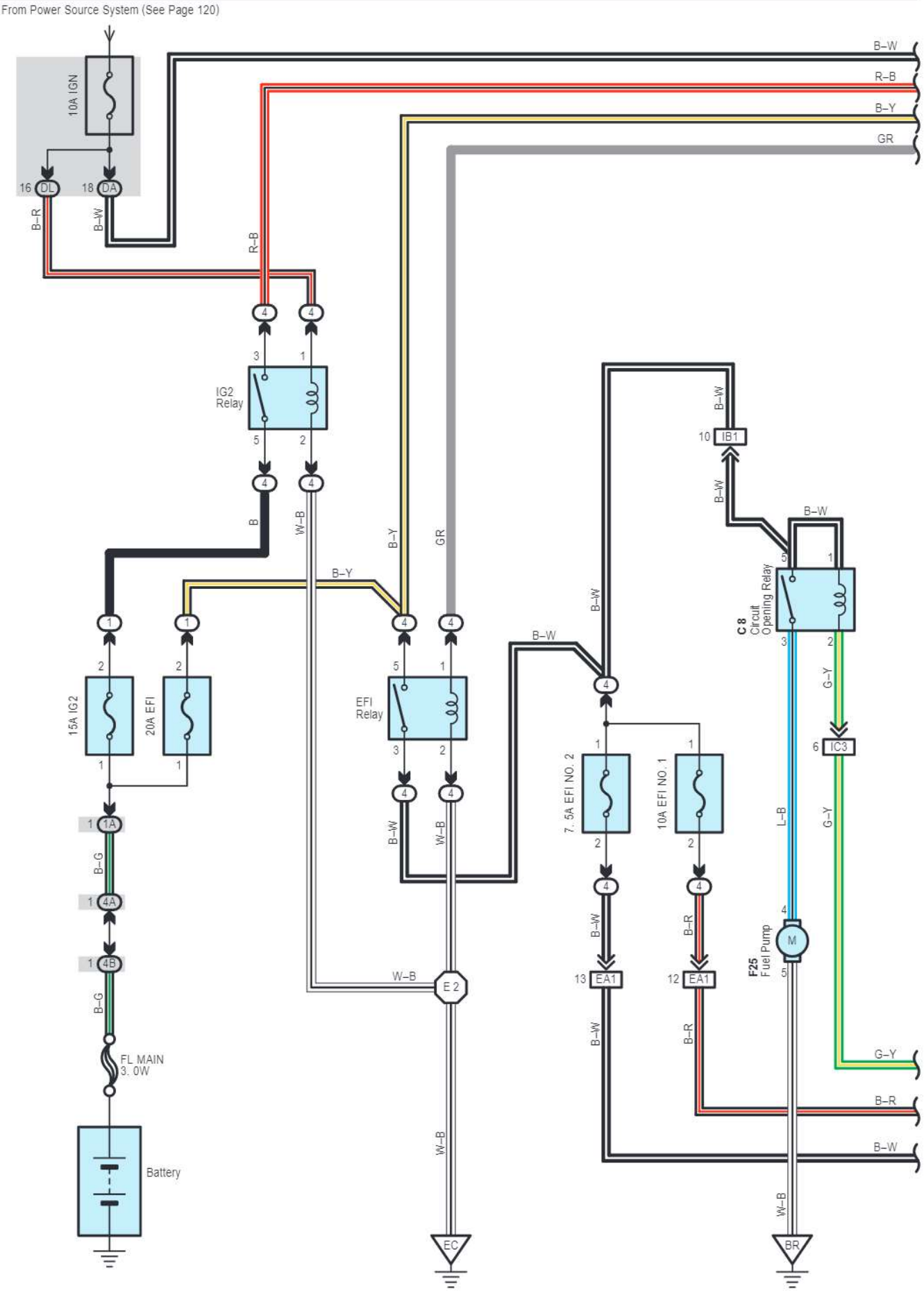
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GR–R
GR–R
I 4
Ignition Coil and Igniter No. 4
I 3
Ignition Coil and Igniter No. 3
I 2
Ignition Coil and Igniter No. 2
I 1
Ignition Coil and Igniter No. 1
IGF
IGT
T 8
Transponder Key Computer
EFII
EFIO
C 2
Camshaft Timing Oil Control Valve
W–G
(*1)
Y–B
(*1)
W
(*4)
GR
(*4)
W–R
L–Y
LG–B
P
R–W
E 4
OC1+
OC1–
IMO
IMI
IGF1
IGT4
IGT3
IGT2
IGT1
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
KNK1
EKNK
G2+
NE–
NE+
EOM
I 5
(*2)
B
W
R
G
BR
K 1
Knock Sensor
C 1
Camshaft Position Sensor
C 6
Crankshaft Position Sensor
J12(A), J13(B)
Junction Connector
W–B
(RHD)
W–B(RHD)
BR

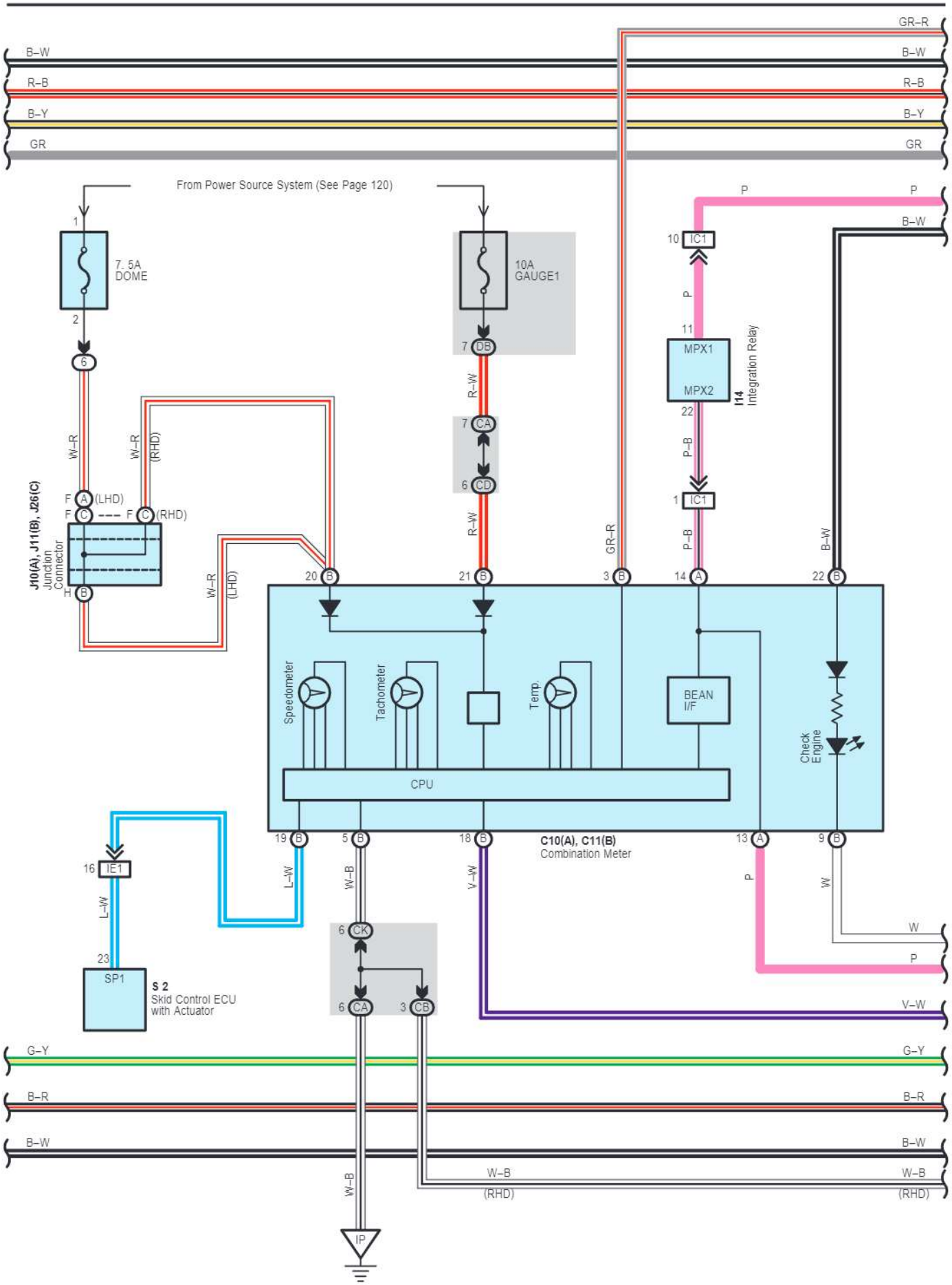
http://vnx.su


From Power Source System (See Page 120)
GR–R
* 1 : Unleaded Gasoline
7. 5A OBD2
7 DA
B
D 5
DLC3
TAC
WFSE
SIL
TC
SG
CG
BAT
9
15
7
13
5
4
16
W–G
W–L
(LHD)
G A ----B A (LHD)
G C (RHD)
J 8(A), J26(C)
Junction
Connector
W–L
(RHD)
BR
W–B
(RHD)
W–B
(LHD)
B
GR–R
E A ----- E A (LHD)
D C ----- D C (RHD)
J 8(A), J 9(B),
J26(C), J27(D)
Junction
Connector
A B (LHD)
B D (RHD)
G
9 DB
17 DB
30 DA
3 DC
5 A
19 A
18 A
20 A
TACH
WFSE
SIL
TC
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
E04
E01
E02
E05
4 C
7 D
6 D
3 C
W–B
(*1)
A
J16
Junction
Connector
A
EE
IO

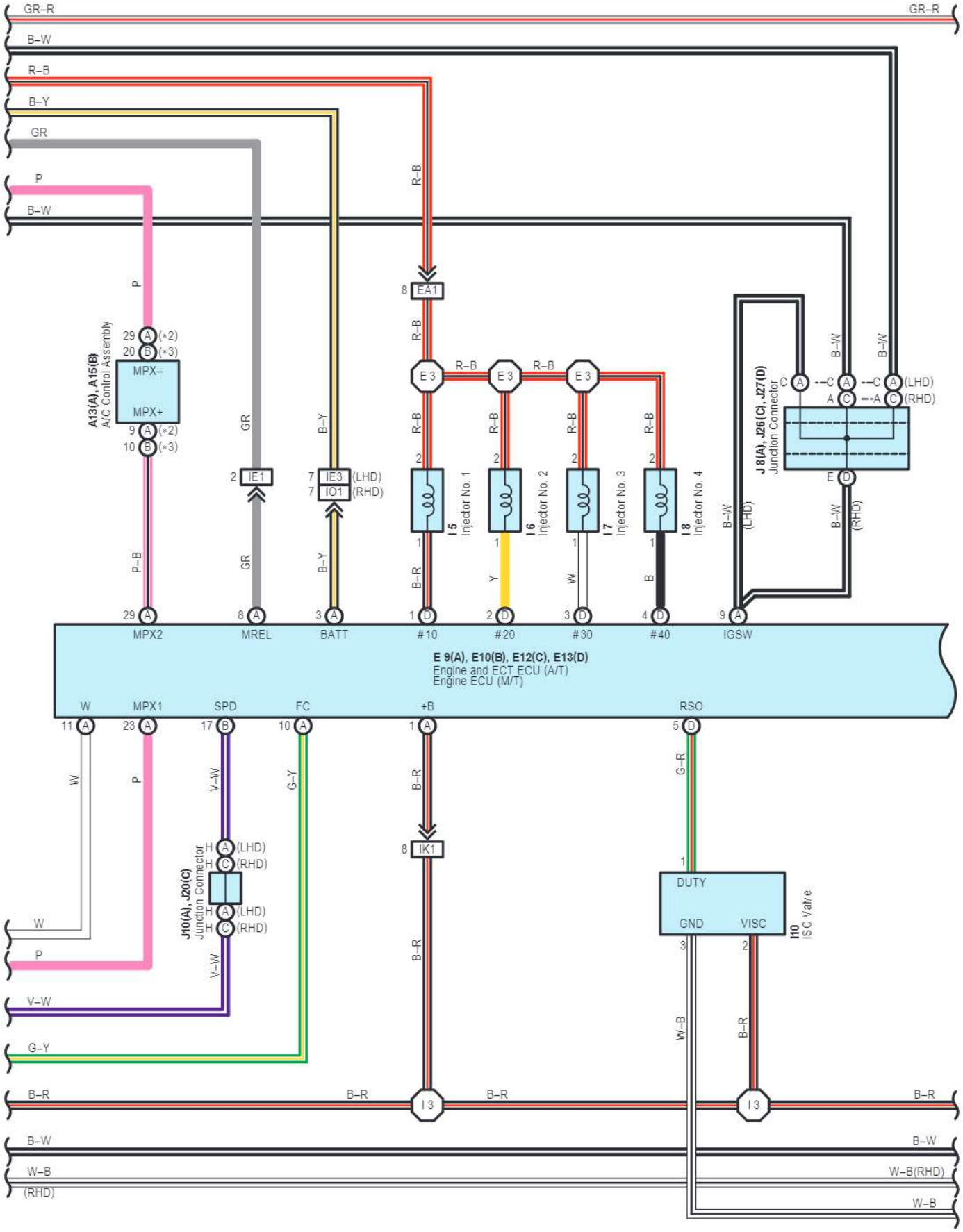
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From Power Source System (See Page 120)
10A IGN
16 DL
18 DA
B–R
B–W
R–B
B–Y
GR
IG2 Relay
15A IG2
20A EFI
EFI Relay
7. 5A EFI NO. 2
10A EFI NO. 1
C8 Circuit Opening Relay
10 IB1
6 IC3
F25 Fuel Pump
M
1 1A
1 4A
1 4B
B–G
FL MAIN 3. 0W
Battery
W–B
E 2
EC
13 EA1
12 EA1
G–Y
L–B
BR

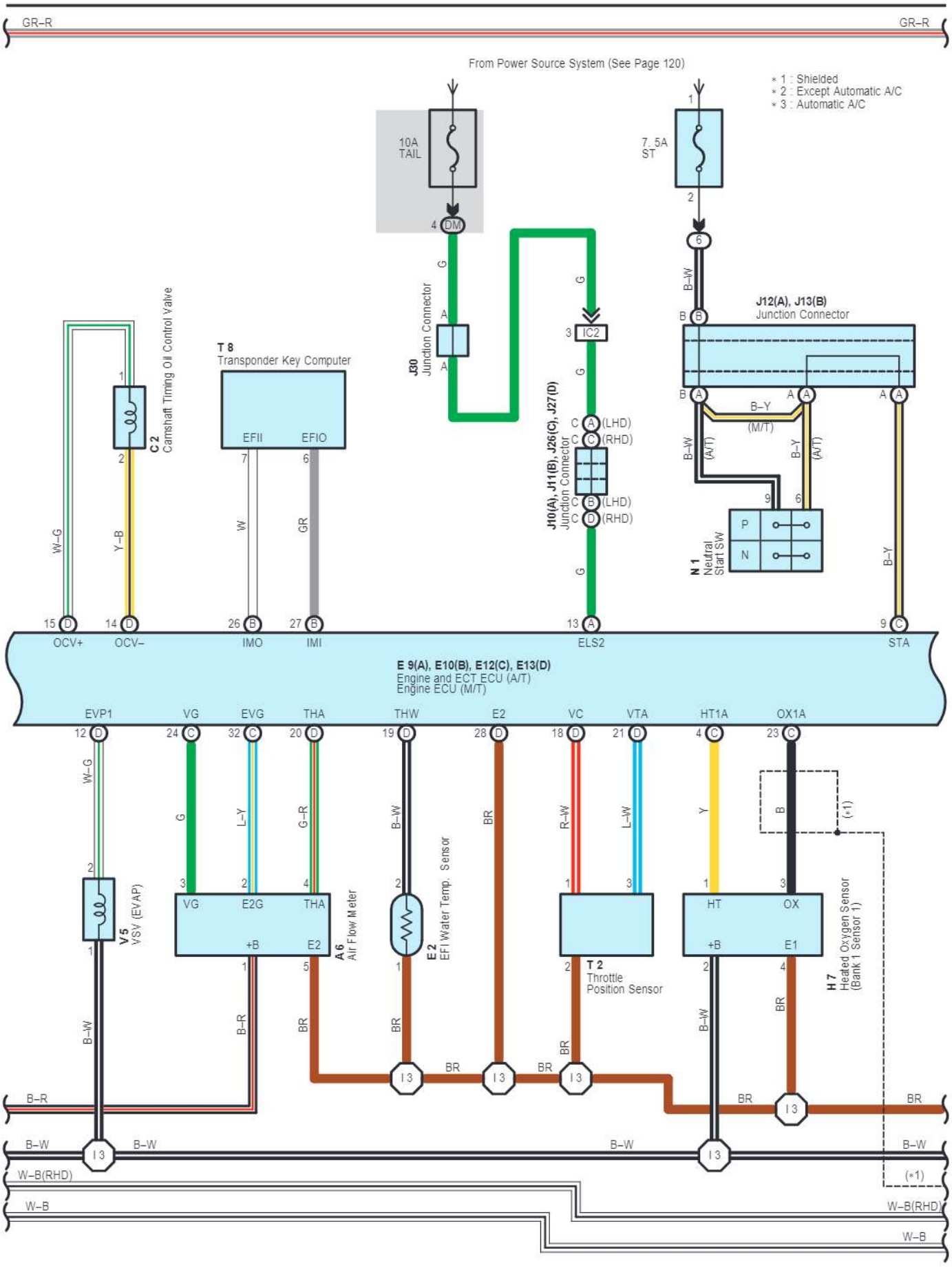
http://vnx.su


From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
MPX1
MPX2
I14 Integration Relay
J10(A), J11(B), J26(C) Junction Connector
C10(A), C11(B) Combination Meter
Speedometer
Tachometer
Temp.
BEAN I/F
Check Engine
CPU
S 2 Skid Control ECU with Actuator
SP1
IP
GR–R
B–W
R–B
B–Y
GR
P
W–R
R–W
P–B
L–W
W–B
V–W
W
G–Y
B–R
(LHD)
(RHD)

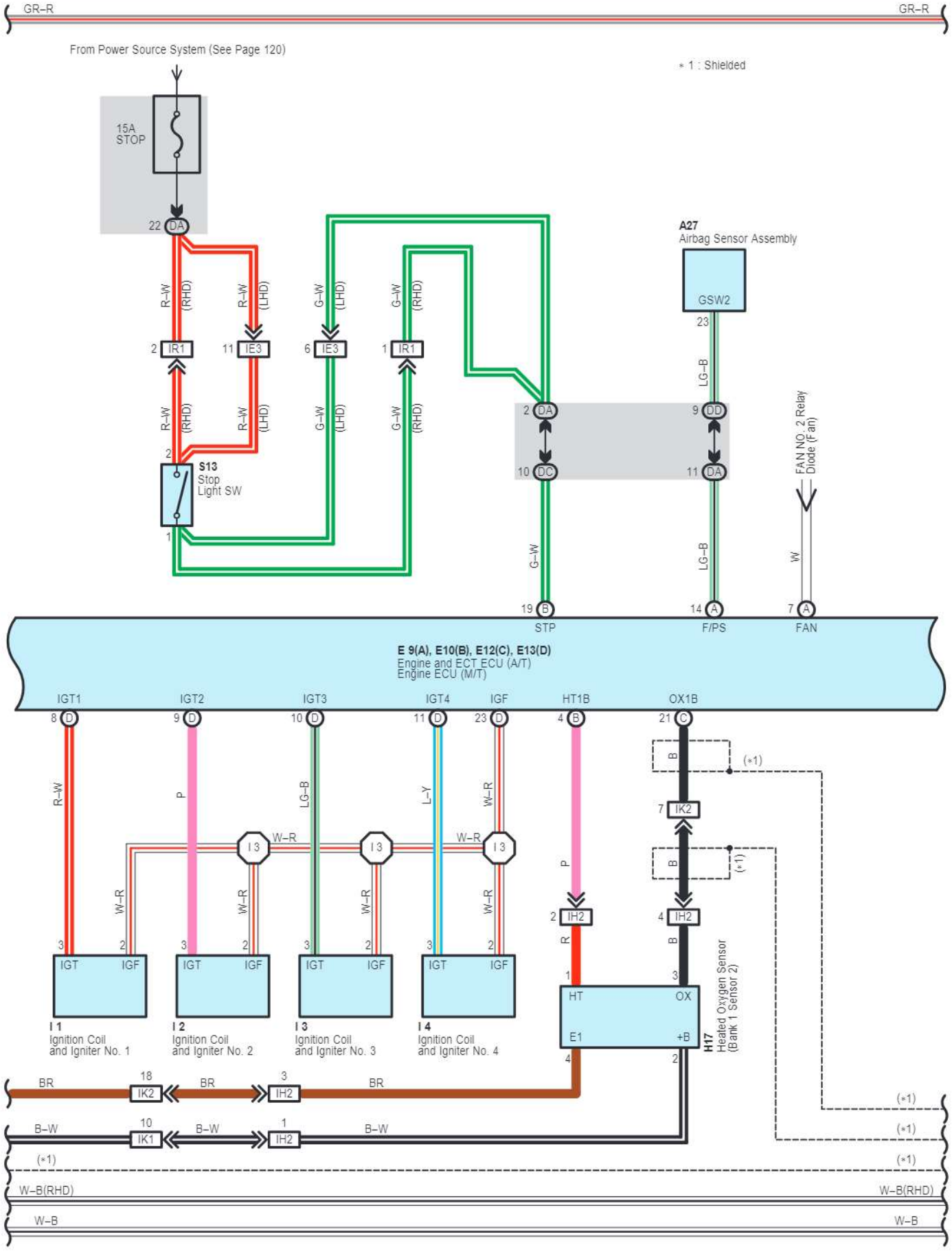
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GR–R
GR–R
B–W
R–B
B–Y
GR
P
B–W
A13(A), A15(B)
A/C Control Assembly
MPX–
MPX+
29 A (*2)
20 B (*3)
9 A (*2)
10 B (*3)
P
P–B
GR
B–Y
2 IE1
7 IE3 (LHD)
7 IO1 (RHD)
8 EA1
R–B
E 3
I 5 Injector No. 1
I 6 Injector No. 2
I 7 Injector No. 3
I 8 Injector No. 4
B–R
Y
W
B
J 8(A), J26(C), J27(D)
Junction Connector
B–W
(LHD)
(RHD)
29 A MPX2
8 A MREL
3 A BATT
1 D #10
2 D #20
3 D #30
4 D #40
9 A IGSW
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
W
MPX1
SPD
FC
+B
RSO
11 A
23 A
17 B
10 A
1 A
5 D
V–W
G–Y
G–R
J10(A), J20(C)
Junction Connector
H A (LHD)
H C (RHD)
8 IK1
DUTY
GND
VISC
I10
ISC Valve
W–B
I 3
B–R
W
P
V–W
G–Y
B–R
B–W
W–B
(RHD)
W–B(RHD)
W–B

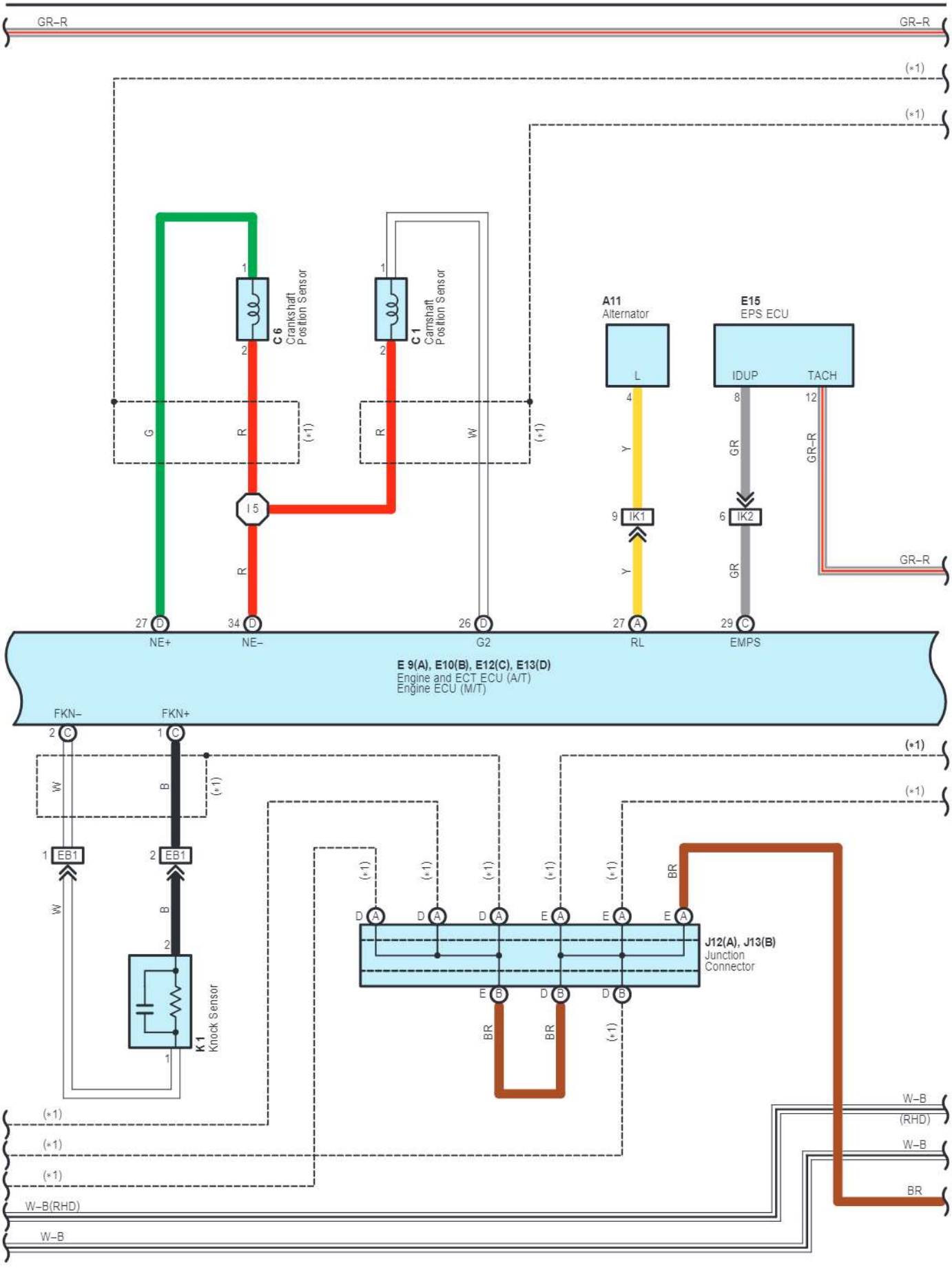
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GR–R
GR–R
From Power Source System (See Page 120)
* 1 : Shielded
* 2 : Except Automatic A/C
* 3 : Automatic A/C
10A TAIL
7.5A ST
J30 Junction Connector
J10(A), J11(B), J26(C), J27(D) Junction Connector
J12(A), J13(B) Junction Connector
C 2 Camshaft Timing Oil Control Valve
T 8 Transponder Key Computer
EFII
EFIO
N 1 Neutral Start SW
P
N
W–G
Y–B
W
GR
B–W
B–Y
G
(LHD)
(RHD)
(M/T)
(A/T)
OCV+
OCV–
IMO
IMI
ELS2
STA
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
EVP1
VG
EVG
THA
THW
E2
VC
VTA
HT1A
OX1A
V 5 VSV (EVAP)
VSV (EVAP)
A 6 Air Flow Meter
E 2 EFI Water Temp. Sensor
T 2 Throttle Position Sensor
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
E2G
+B
HT
OX
E1
L–Y
G–R
R–W
L–W
Y
B–R
BR
I 3
W–B(RHD)
W–B
(*1)

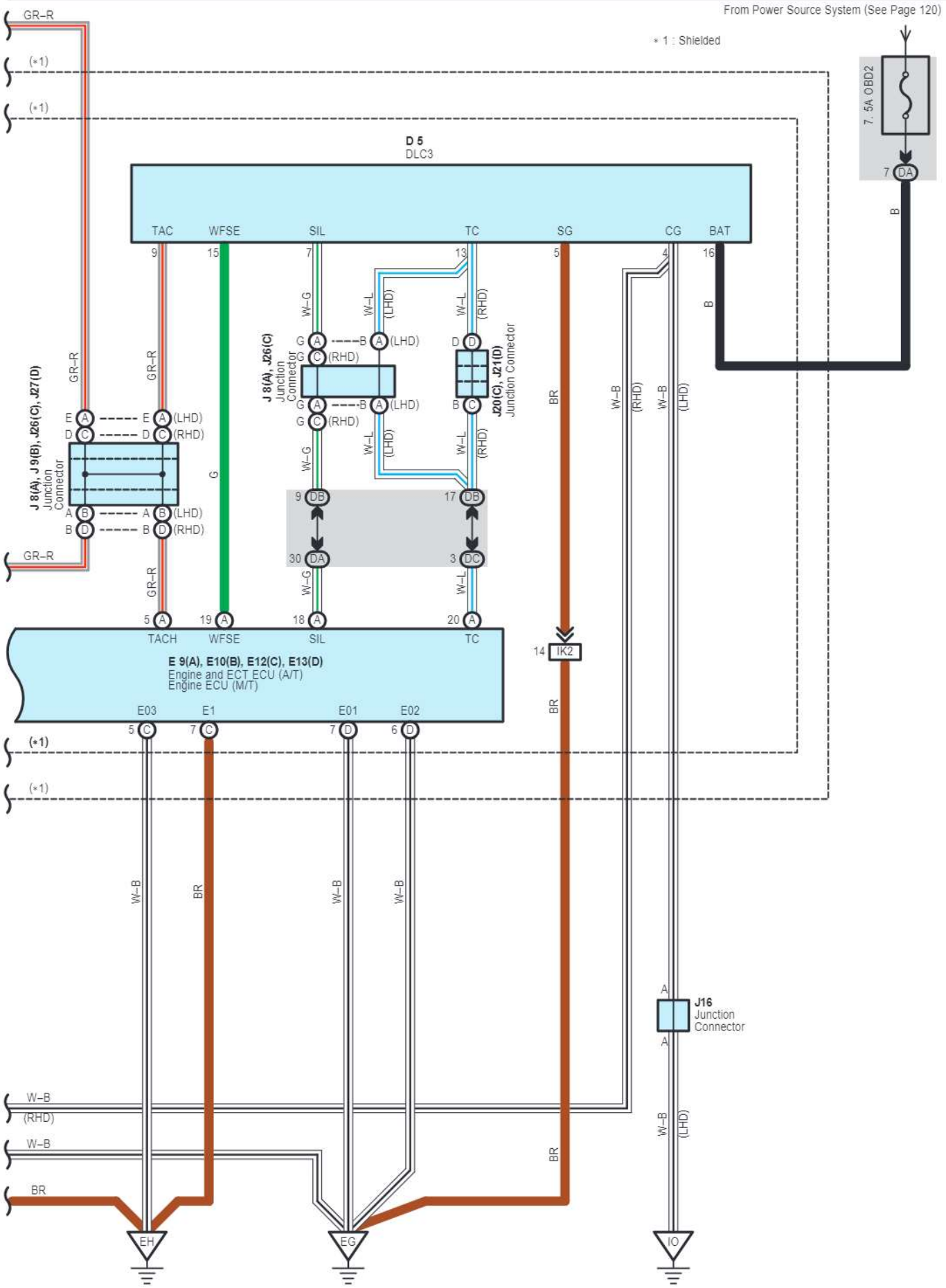
http://vnx.su


GR–R
GR–R
From Power Source System (See Page 120)
* 1 : Shielded
15A
STOP
22 DA
R–W (RHD)
R–W (LHD)
G–W (LHD)
G–W (RHD)
2 IR1
11 IE3
6 IE3
1 IR1
A27
Airbag Sensor Assembly
GSW2
23
LG–B
2 DA
9 DD
10 DC
11 DA
S13
Stop
Light SW
FAN NO. 2 Relay
Diode (Fan)
W
G–W
LG–B
19 B
14 A
7 A
STP
F/PS
FAN
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
IGT1
IGT2
IGT3
IGT4
IGF
HT1B
OX1B
8 D
9 D
10 D
11 D
23 D
4 B
21 C
R–W
P
LG–B
L–Y
W–R
I 3
IGT
IGF
I 1
Ignition Coil
and Igniter No. 1
I 2
Ignition Coil
and Igniter No. 2
I 3
Ignition Coil
and Igniter No. 3
I 4
Ignition Coil
and Igniter No. 4
IH2
IK2
HT
OX
E1
+B
H17
Heated Oxygen Sensor
(Bank 1 Sensor 2)
(*1)
BR
B–W
IK1
W–B(RHD)
W–B

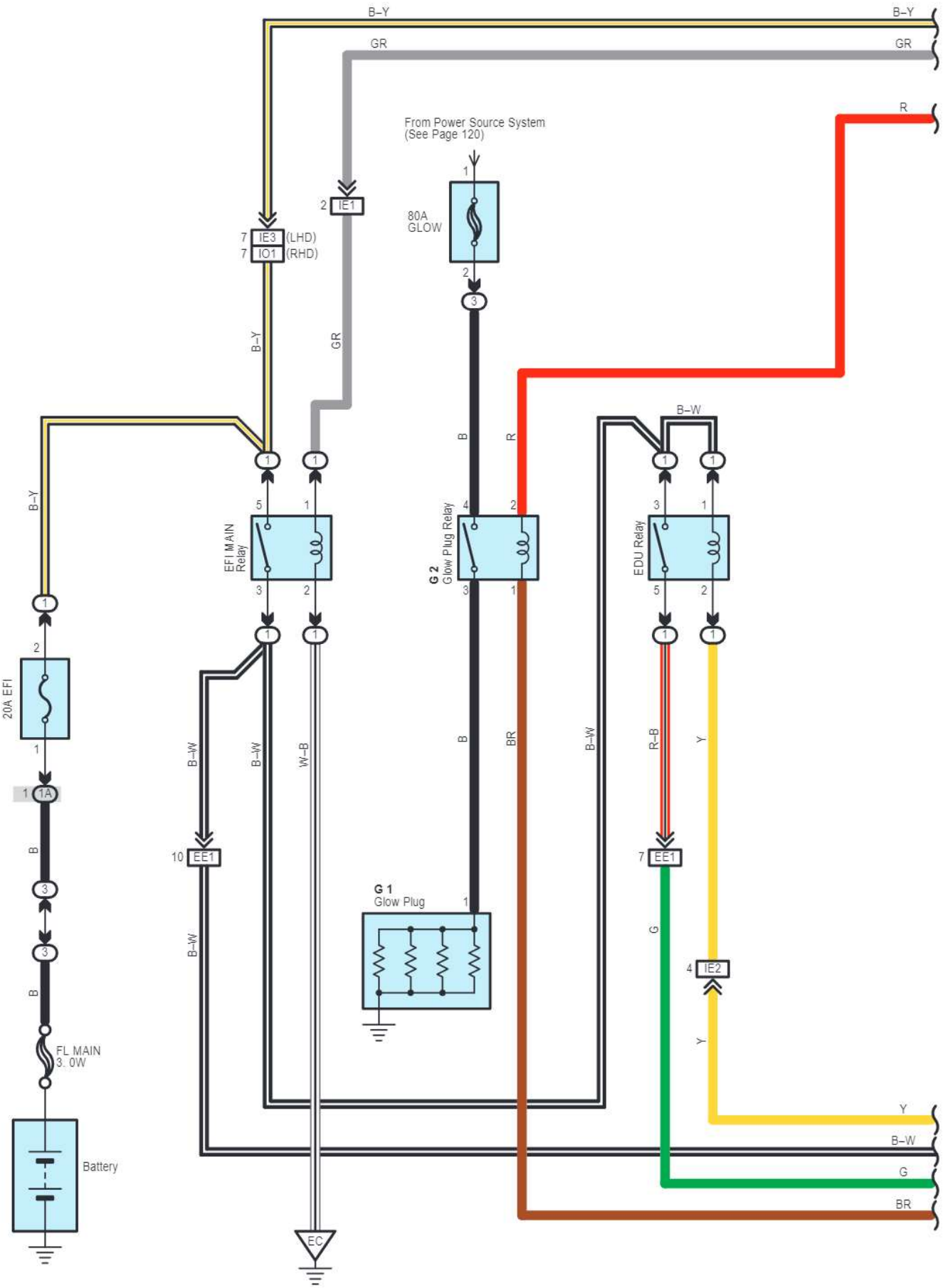
http://vnx.su


GR–R
GR–R
(*1)
(*1)
C6
Crankshaft Position Sensor
C1
Camshaft Position Sensor
A11
Alternator
L
E15
EPS ECU
IDUP
TACH
G
R
R
W
Y
GR
GR–R
I5
IK1
IK2
27 D NE+
34 D NE–
26 D G2
27 A RL
29 C EMPS
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
FKN–
FKN+
W
B
EB1
K1
Knock Sensor
J12(A), J13(B)
Junction Connector
BR
W–B
(RHD)
W–B
BR
W–B(RHD)
W–B

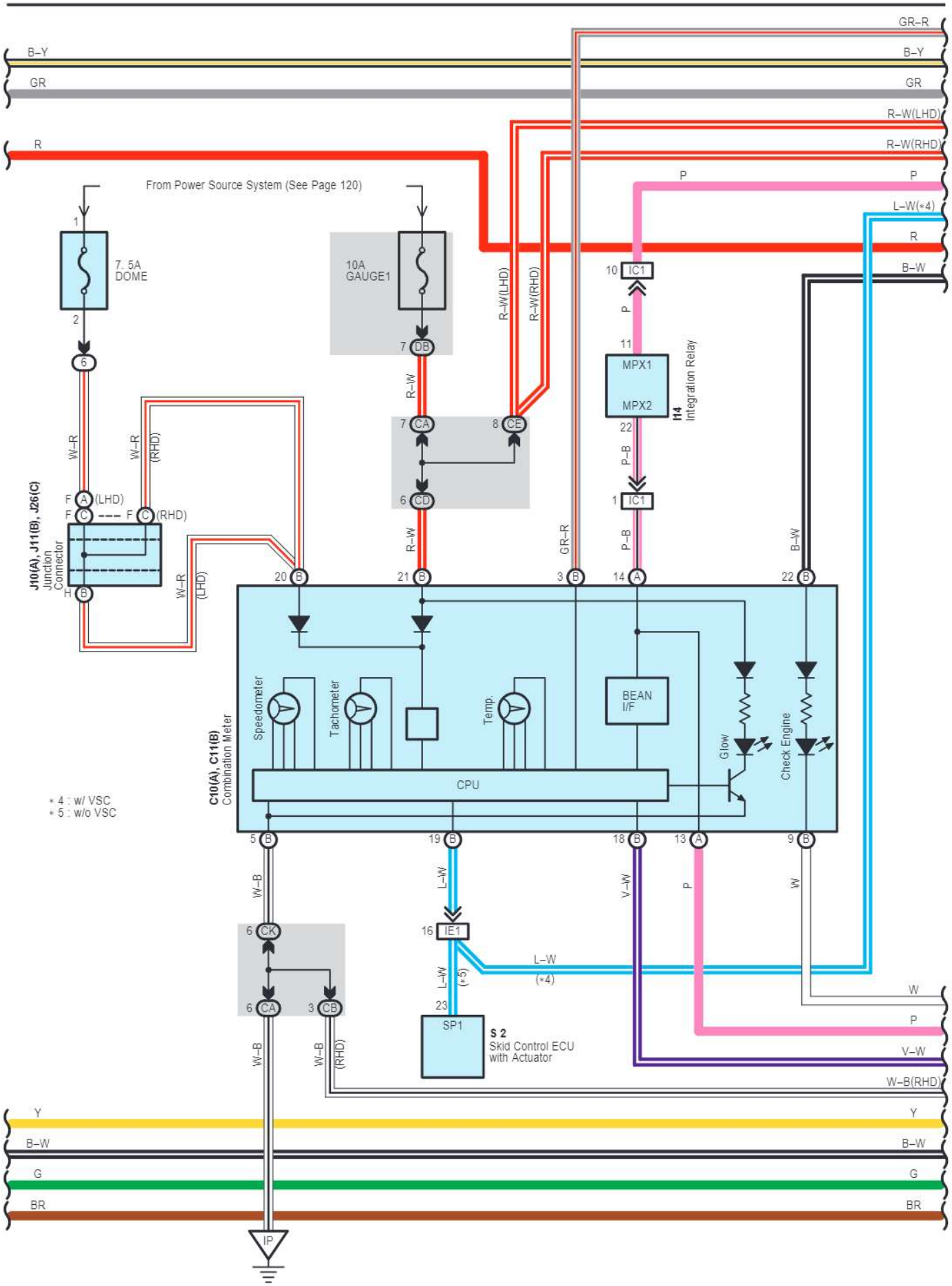
http://vnx.su


From Power Source System (See Page 120)
* 1 : Shielded
7. 5A OBD2
D 5
DLC3
TAC
WFSE
SIL
TC
SG
CG
BAT
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
J 8(A), J26(C)
Junction Connector
J20(C), J21(D)
Junction Connector
(LHD)
(RHD)
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
TACH
IK2
E03
E1
E01
E02
J16
Junction Connector
EH
EG
IO
GR–R
W–G
W–L
W–B
BR
G
B

http://vnx.su

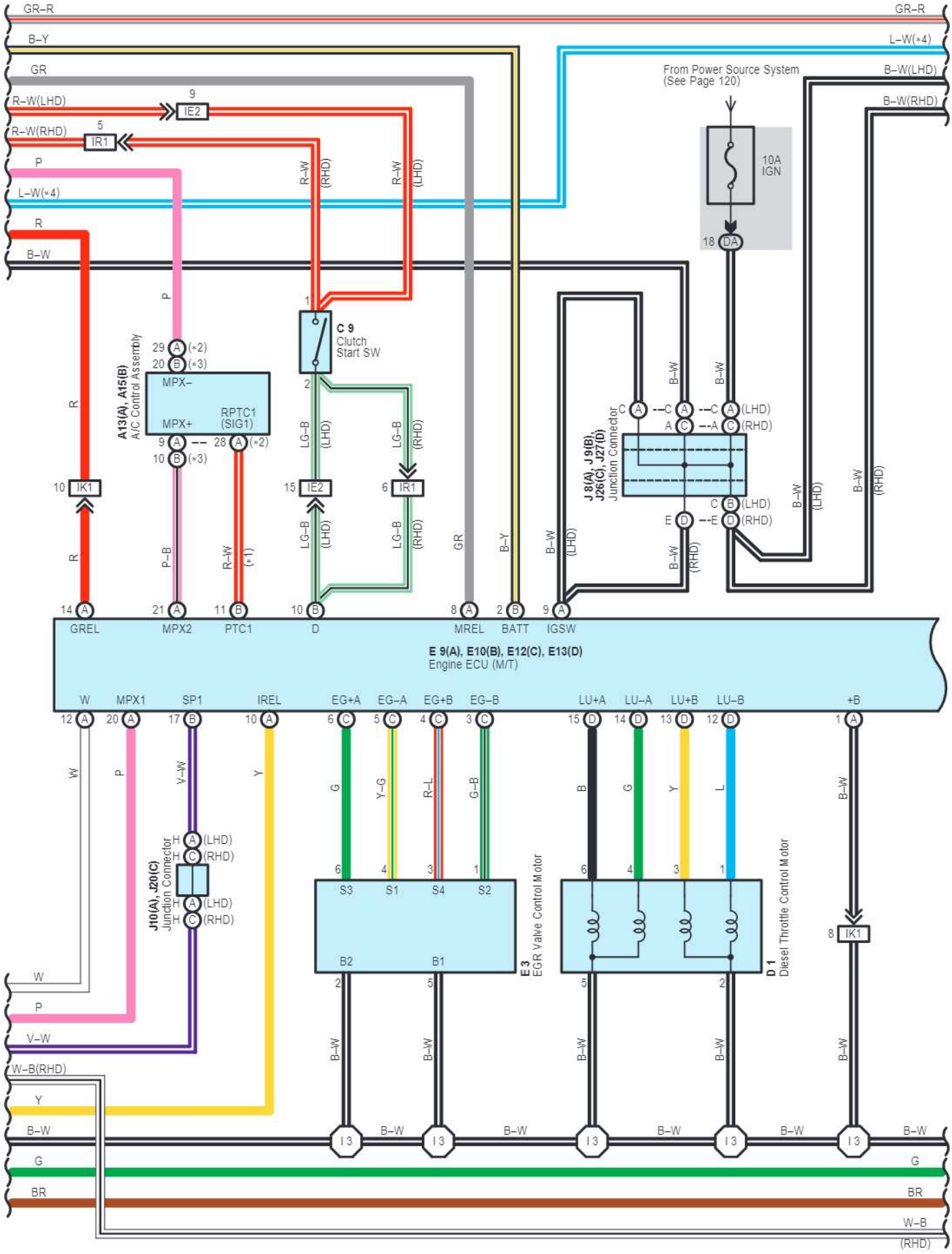

B–Y
B–Y
GR
GR
R
From Power Source System
(See Page 120)
2 IE1
7 IE3 (LHD)
7 IO1 (RHD)
80A
GLOW
B–Y
GR
B
R
B–W
EFI MAIN
Relay
G 2
Glow Plug Relay
EDU Relay
20A EFI
1A
B–W
W–B
R–B
Y
10 EE1
7 EE1
G 1
Glow Plug
G
4 IE2
Y
B–W
G
BR
FL MAIN
3. 0W
Battery
EC

http://vnx.su

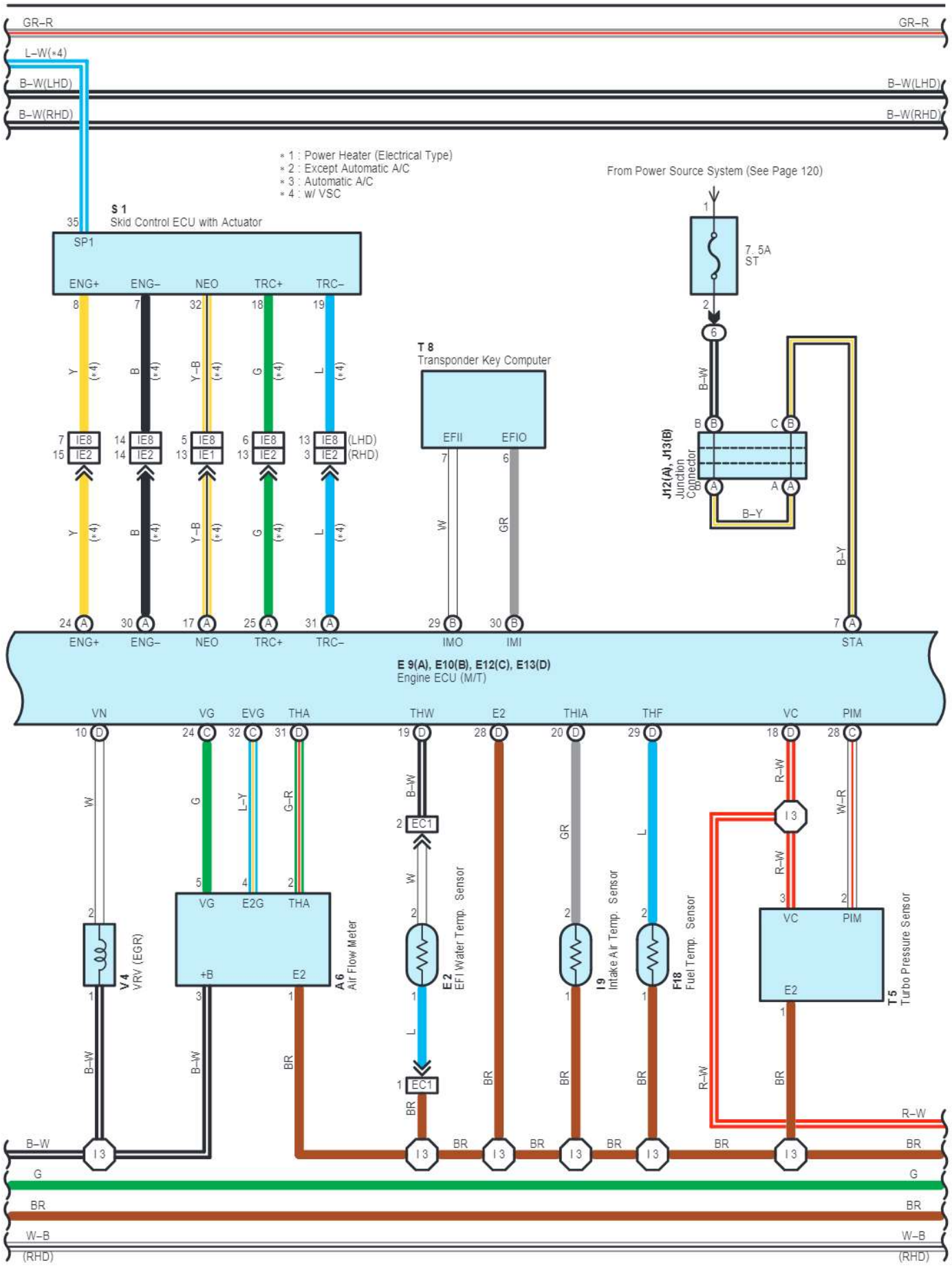

From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
R-W(LHD)
R-W(RHD)
MPX1
MPX2
I14 Integration Relay
J10(A), J11(B), J26(C) Junction Connector
(LHD)
(RHD)
C10(A), C11(B) Combination Meter
Speedometer
Tachometer
Temp.
BEAN I/F
Glow
Check Engine
CPU
* 4 : w/ VSC
* 5 : w/o VSC
S 2 Skid Control ECU with Actuator
SP1
IP
B-Y
GR
R
GR-R
L-W(*4)
B-W
W-R
W-B
L-W
V-W
W
P
G
BR
Y

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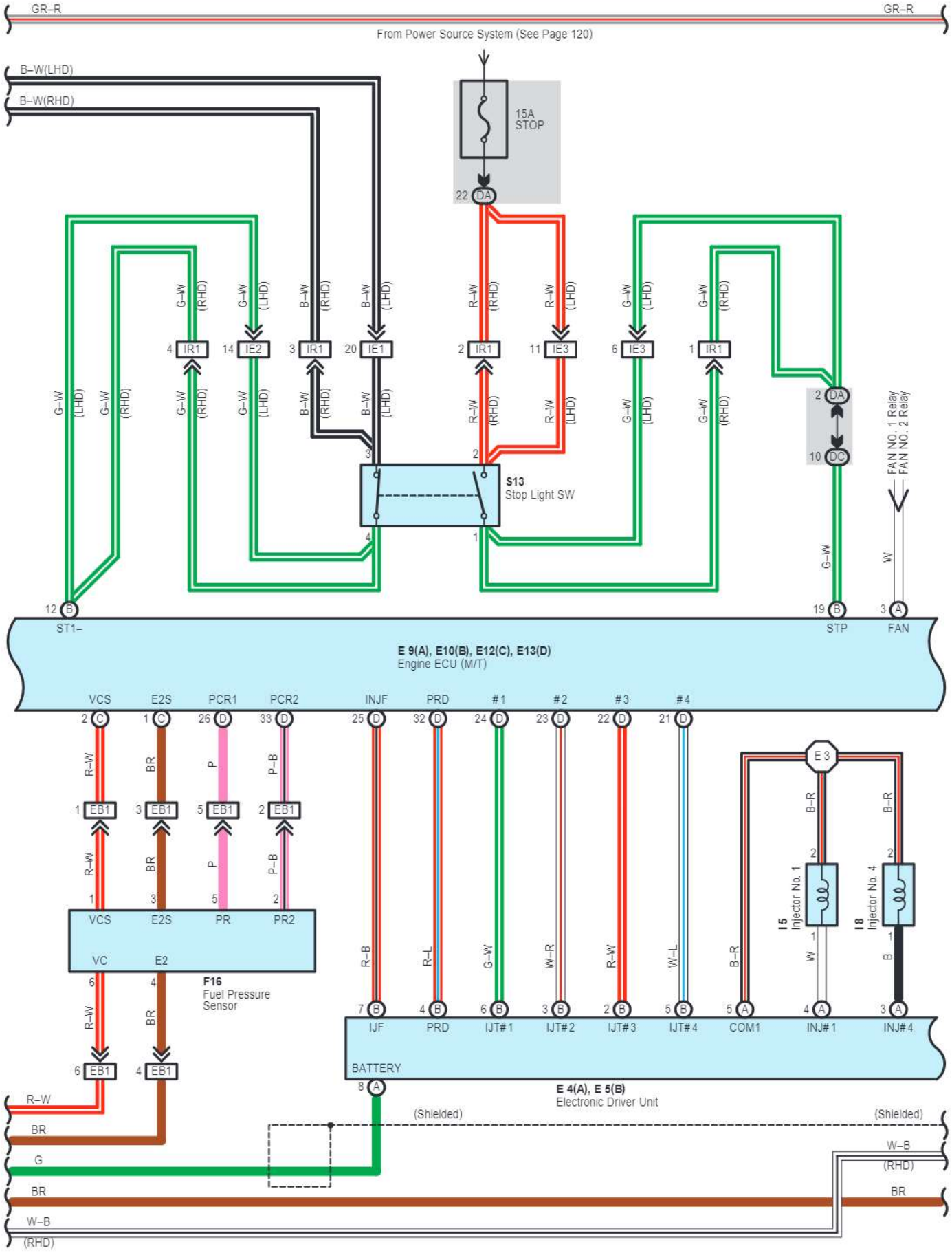
Engine Control (1CD–FTV)



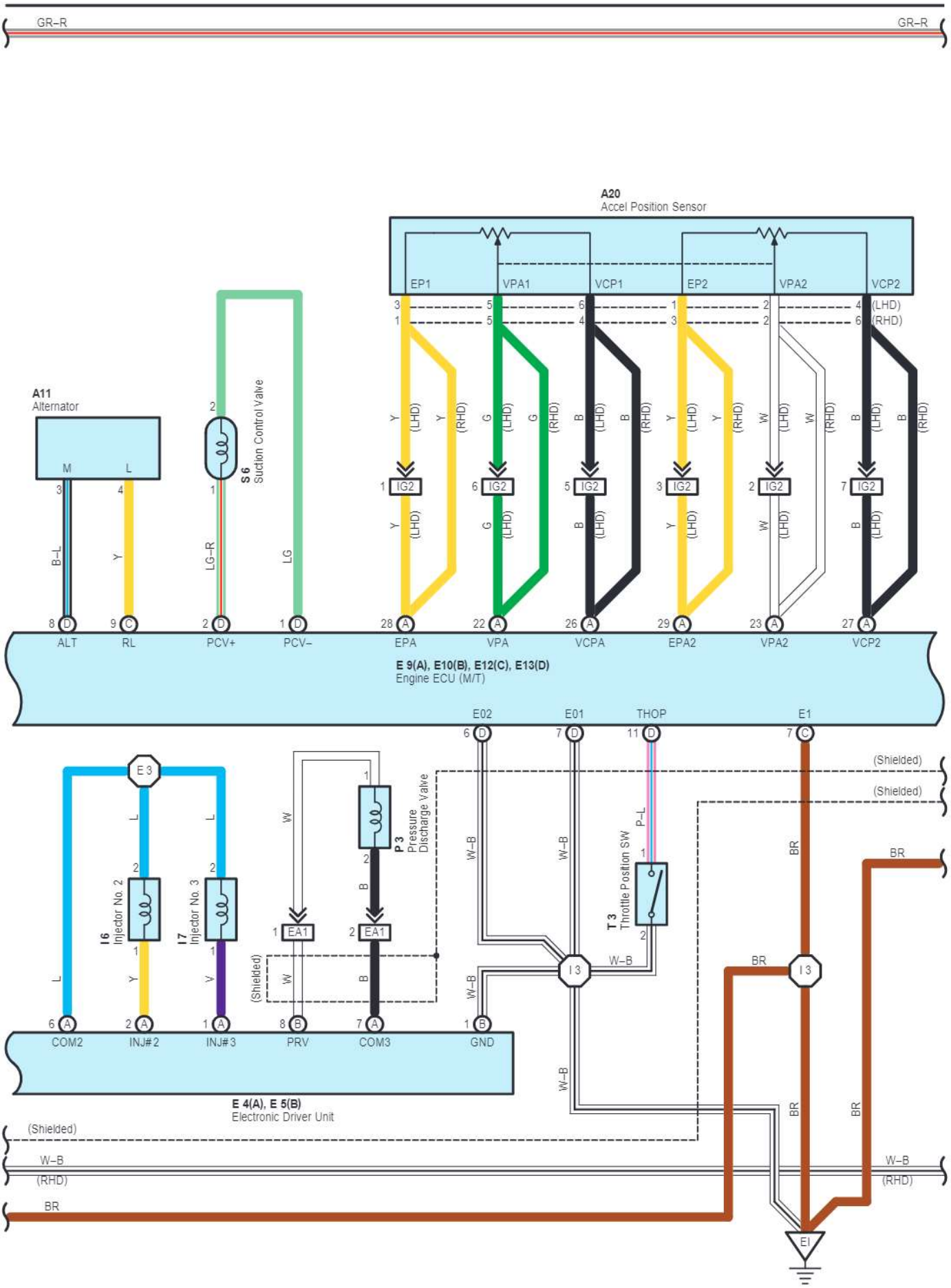
http://vnx.su


GR–R
GR–R
L–W(×4)
B–W(LHD)
B–W(LHD)
B–W(RHD)
B–W(RHD)
× 1 : Power Heater (Electrical Type)
× 2 : Except Automatic A/C
× 3 : Automatic A/C
× 4 : w/ VSC
From Power Source System (See Page 120)
S 1
Skid Control ECU with Actuator
SP1
ENG+
ENG–
NEO
TRC+
TRC–
7.5A
ST
T 8
Transponder Key Computer
EFII
EFIO
J12(A), J13(B)
Junction Connector
B–Y
(LHD)
(RHD)
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
IMO
IMI
STA
VN
VG
EVG
THA
THW
E2
THIA
THF
VC
PIM
V 4
VRV (EGR)
A 6
Air Flow Meter
E 2
EFI Water Temp. Sensor
I 9
Intake Air Temp. Sensor
F18
Fuel Temp. Sensor
T 5
Turbo Pressure Sensor
E2G
+B
B–W
G
BR
W–B
(RHD)
R–W
W–R
L–Y
G–R
GR
L
W

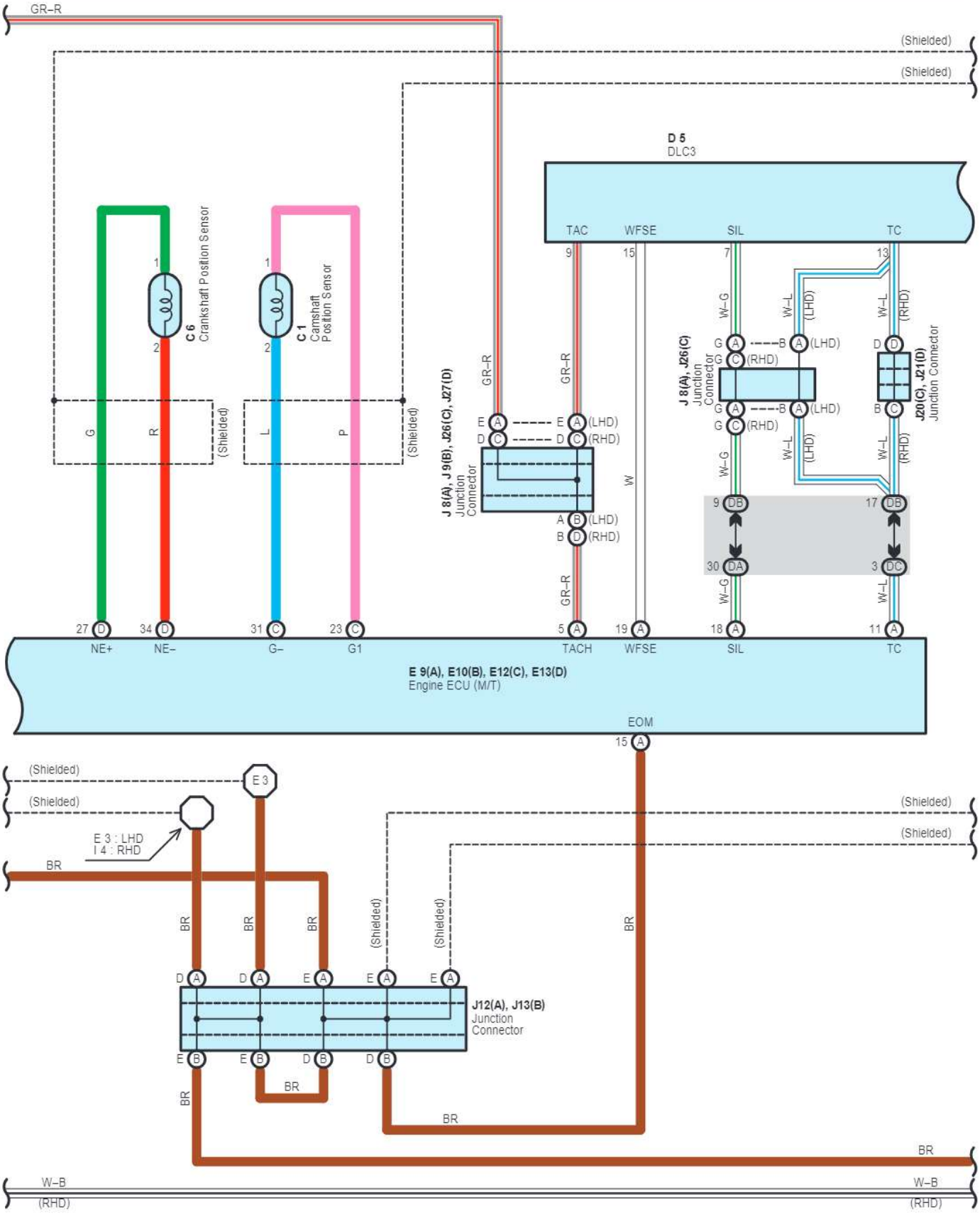
http://vnx.su


GR–R
GR–R
From Power Source System (See Page 120)
B–W(LHD)
B–W(RHD)
15A
STOP
22 DA
S13
Stop Light SW
2 DA
10 DC
FAN NO. 1 Relay
FAN NO. 2 Relay
12 B
ST1–
19 B
STP
3 A
FAN
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
VCS
E2S
PCR1
PCR2
INJF
PRD
#1
#2
#3
#4
F16
Fuel Pressure
Sensor
VC
E2
PR
PR2
E 3
I5
Injector No. 1
I8
Injector No. 4
IJF
PRD
IJT#1
IJT#2
IJT#3
IJT#4
COM1
INJ#1
INJ#4
BATTERY
E 4(A), E 5(B)
Electronic Driver Unit
(Shielded)
(Shielded)
R–W
BR
G
BR
W–B
(RHD)
W–B
(RHD)
BR

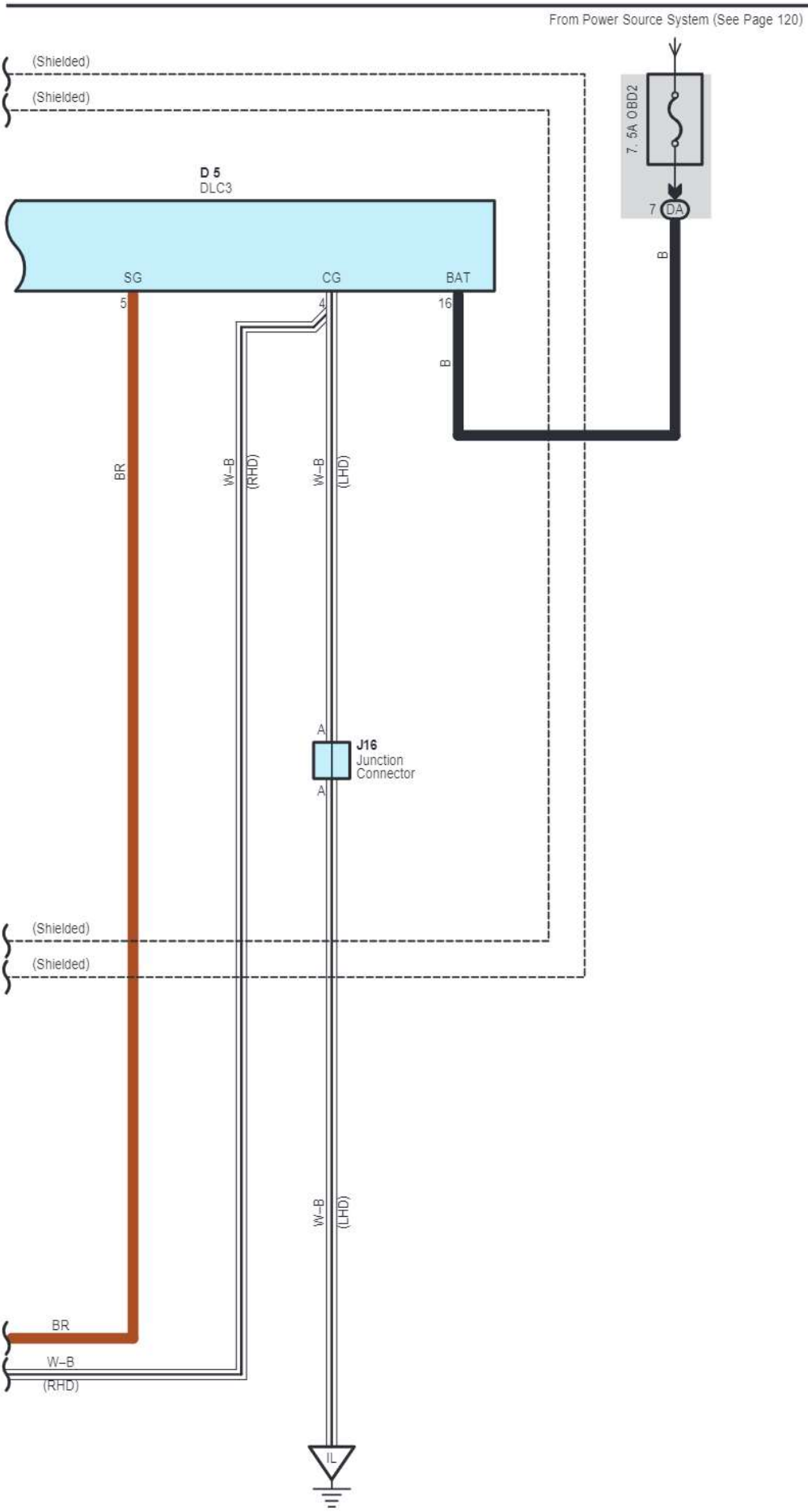
http://vnx.su


GR–R
GR–R
A20
Accel Position Sensor
EP1
VPA1
VCP1
EP2
VPA2
VCP2
(LHD)
(RHD)
A11
Alternator
M
L
S6
Suction Control Valve
B–L
Y
LG–R
LG
IG2
ALT
RL
PCV+
PCV–
EPA
VPA
VCPA
EPA2
VPA2
VCP2
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
E02
E01
THOP
E1
E 3
I6
Injector No. 2
I7
Injector No. 3
P 3
Pressure Discharge Valve
EA1
T 3
Throttle Position SW
P–L
W–B
BR
(Shielded)
I 3
COM2
INJ#2
INJ#3
PRV
COM3
GND
E 4(A), E 5(B)
Electronic Driver Unit
EI

http://vnx.su

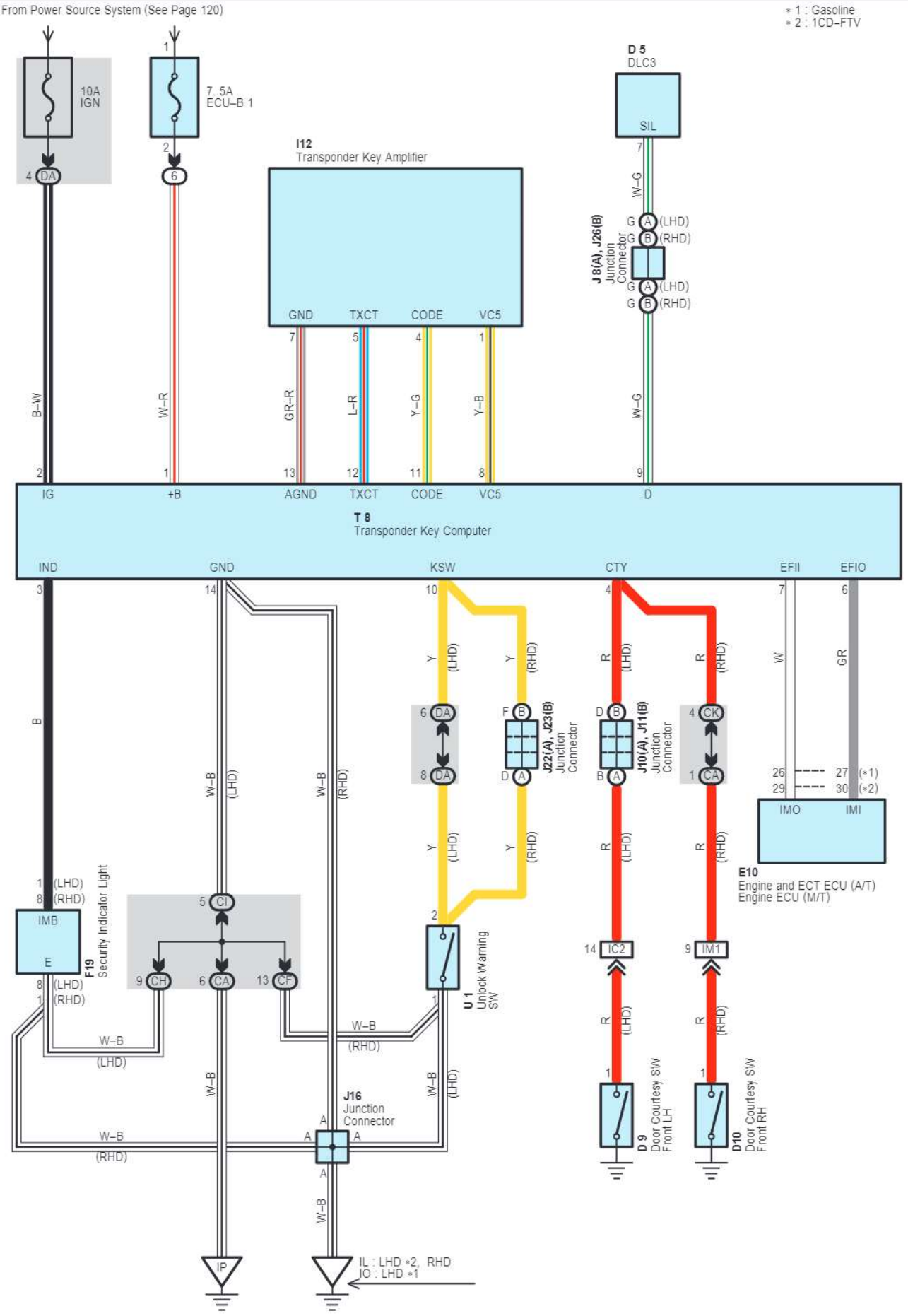

GR–R
(Shielded)
(Shielded)
D 5
DLC3
TAC
WFSE
SIL
TC
C 6
Crankshaft Position Sensor
C 1
Camshaft Position Sensor
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
J 8(A), J26(C)
Junction Connector
J20(C), J21(D)
Junction Connector
(LHD)
(RHD)
W–G
W–L
GR–R
W
G
R
L
P
(Shielded)
NE+
NE–
G–
G1
TACH
WFSE
SIL
TC
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
EOM
E 3
E 3 : LHD
I 4 : RHD
BR
J12(A), J13(B)
Junction Connector
W–B
(RHD)

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From Power Source System (See Page 120)
(Shielded)
(Shielded)
7. 5A OBD2
7 DA
B
D 5
DLC3
SG
CG
BAT
5
4
16
B
BR
W–B
(RHD)
W–B
(LHD)
A
J16
Junction
Connector
A
(Shielded)
(Shielded)
W–B
(LHD)
BR
W–B
(RHD)
IL

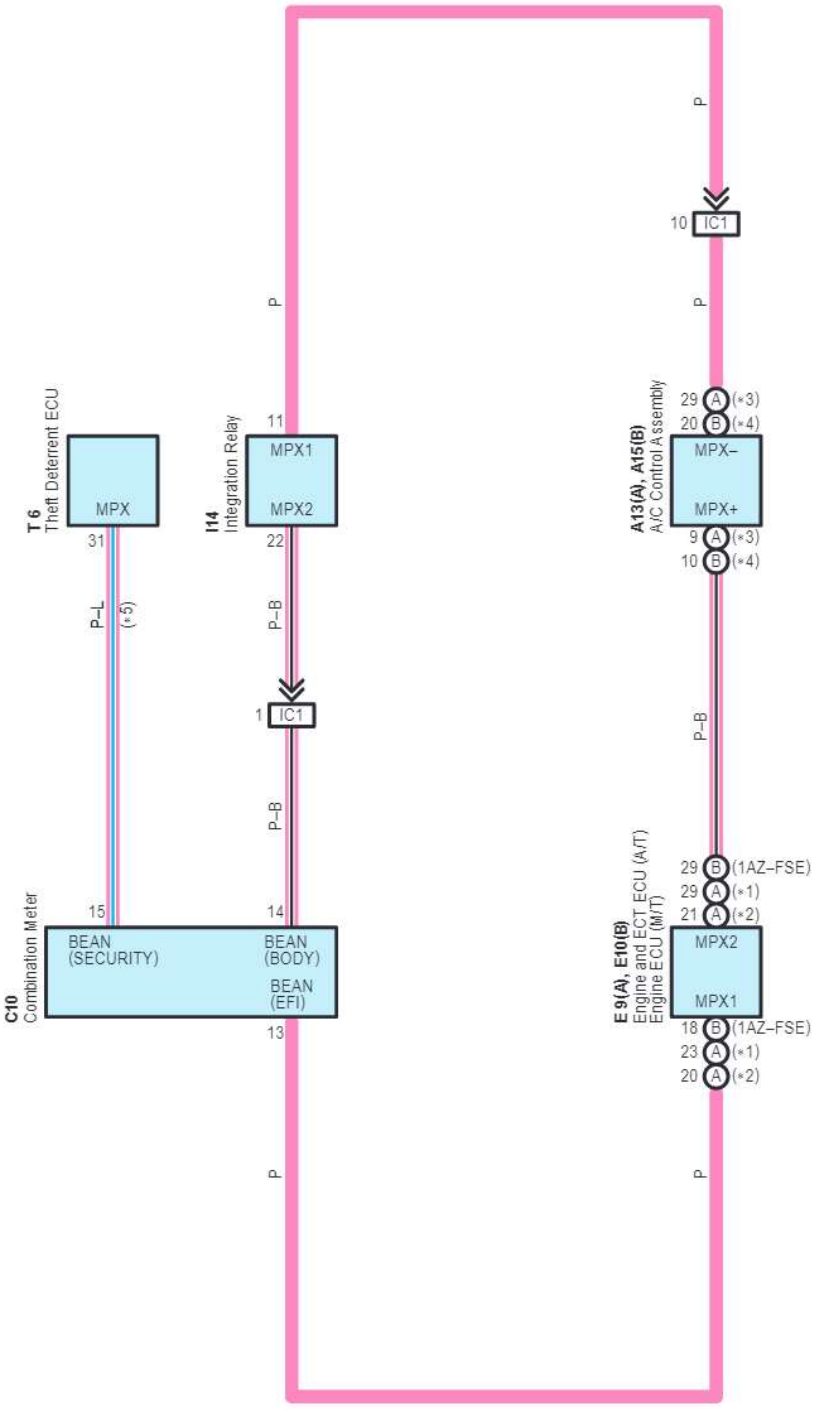
http://vnx.su

Engine Immobiliser System



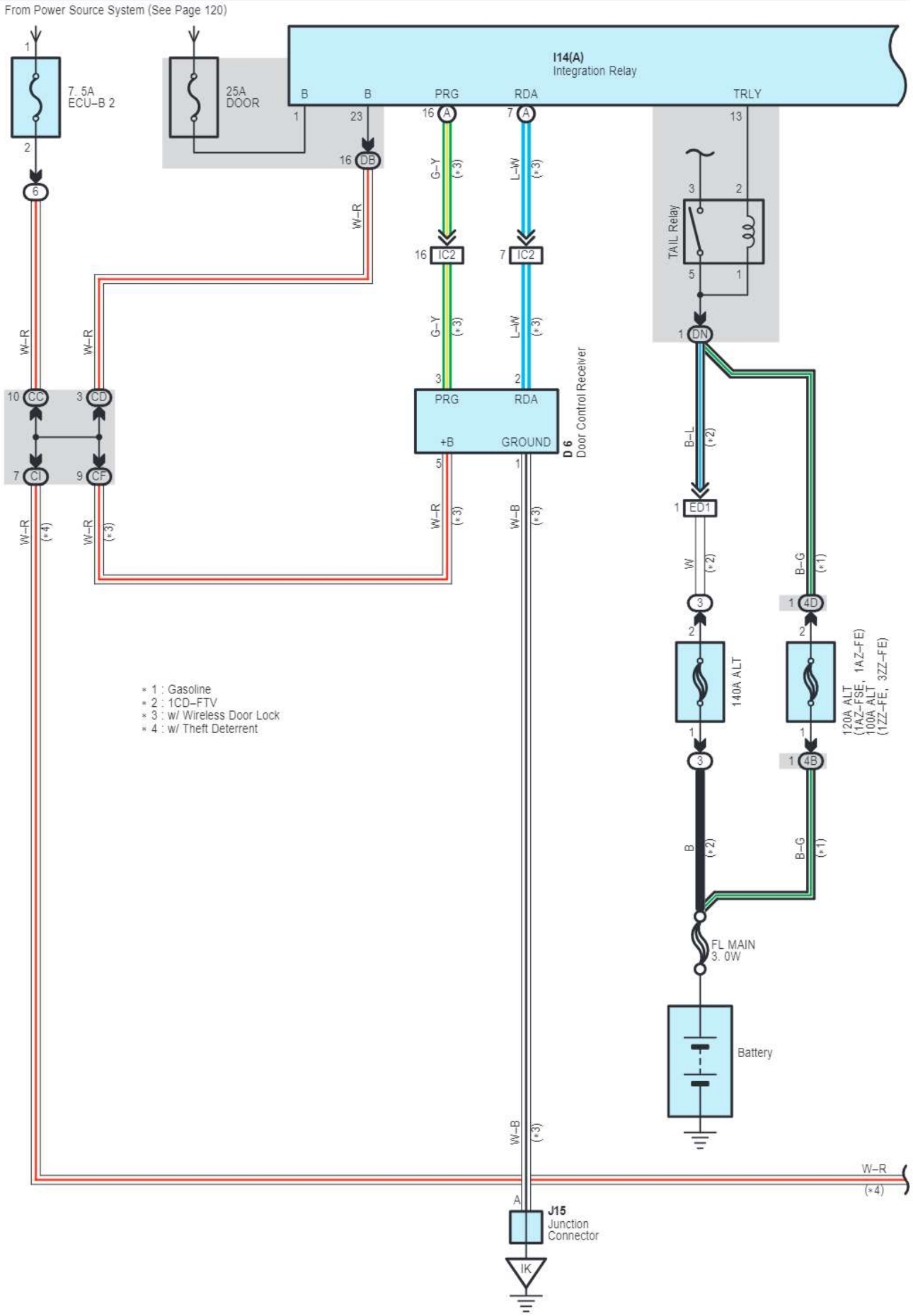
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* 1 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 2 : 1CD–FTV
* 3 : Except Automatic A/C
* 4 : Automatic A/C
* 5 : w/ Theft Deterrent

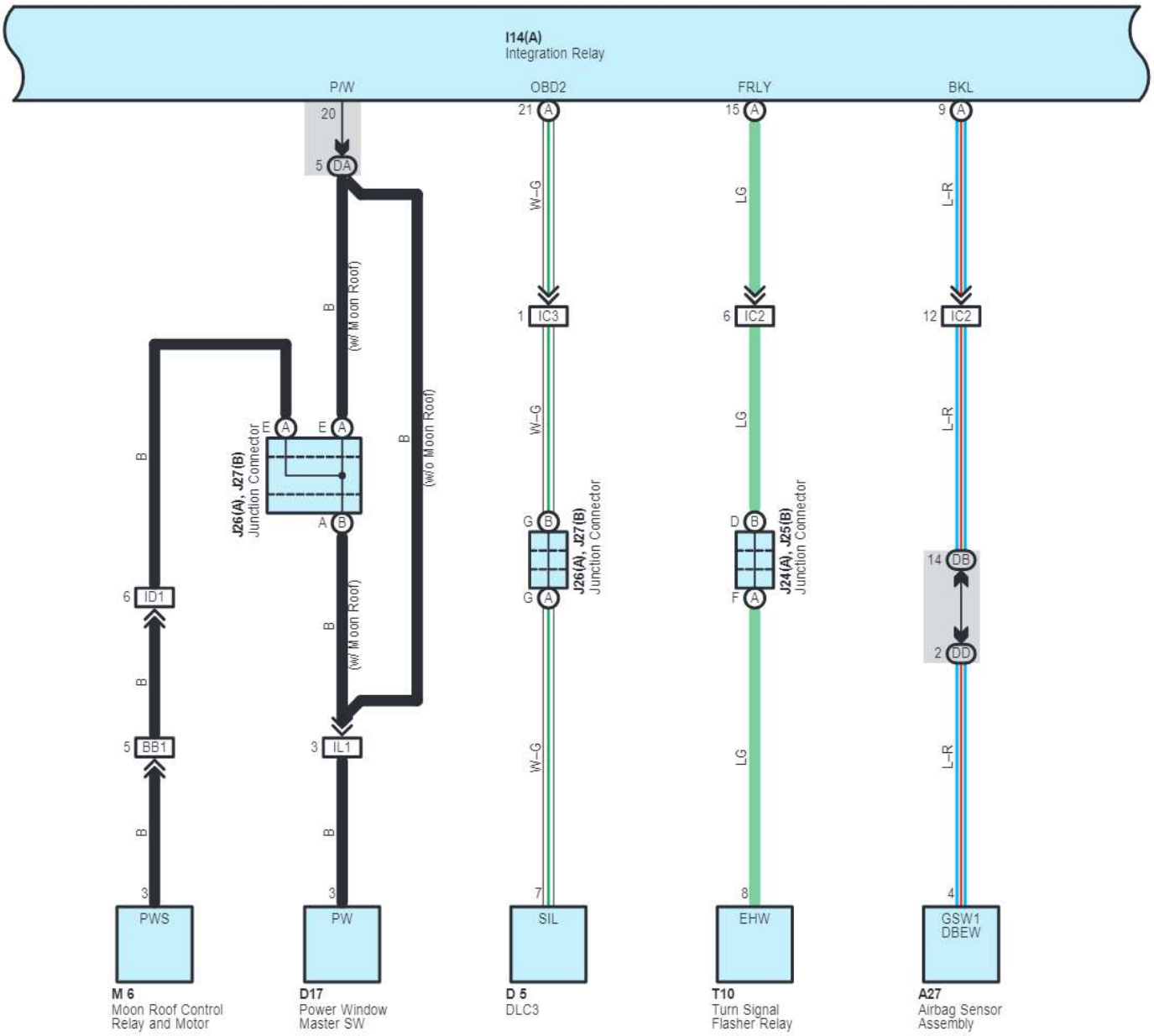


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Multiplex Communication System (RHD)



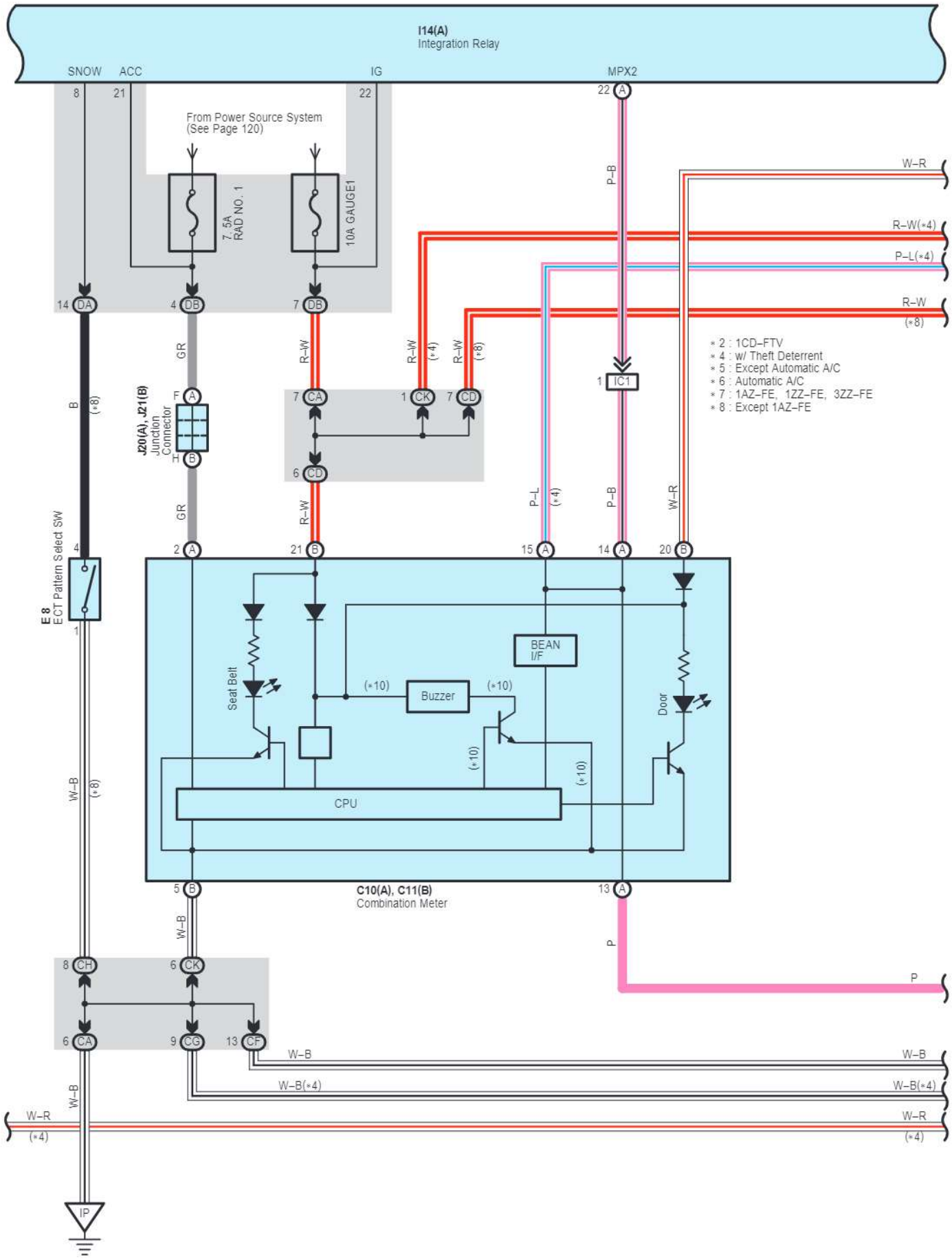
http://vnx.su


I14(A)
Integration Relay
P/W
OBD2
FRLY
BKL
20
5 DA
21 A
15 A
9 A
W–G
LG
L–R
1 IC3
6 IC2
12 IC2
B
(w/ Moon Roof)
(w/o Moon Roof)
J26(A), J27(B)
Junction Connector
E A E A
A B
G B
G A
D B
F A
J24(A), J25(B)
Junction Connector
14 DB
2 DD
6 ID1
5 BB1
3 IL1
3
7
8
4
PWS
PW
SIL
EHW
GSW1
DBEW
M 6
Moon Roof Control
Relay and Motor
D17
Power Window
Master SW
D 5
DLC3
T10
Turn Signal
Flasher Relay
A27
Airbag Sensor
Assembly

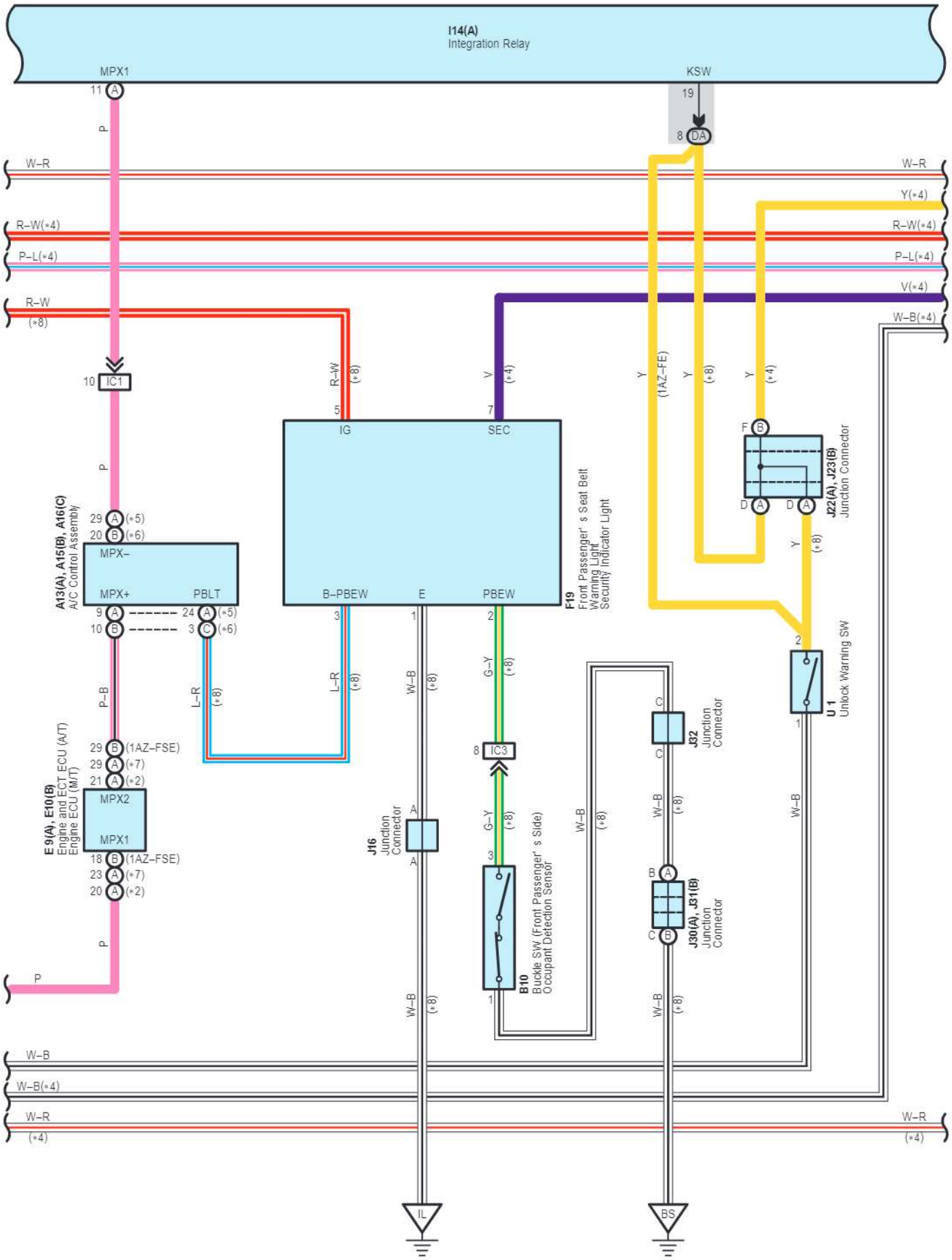

W–R
(×4)
W–R
(×4)

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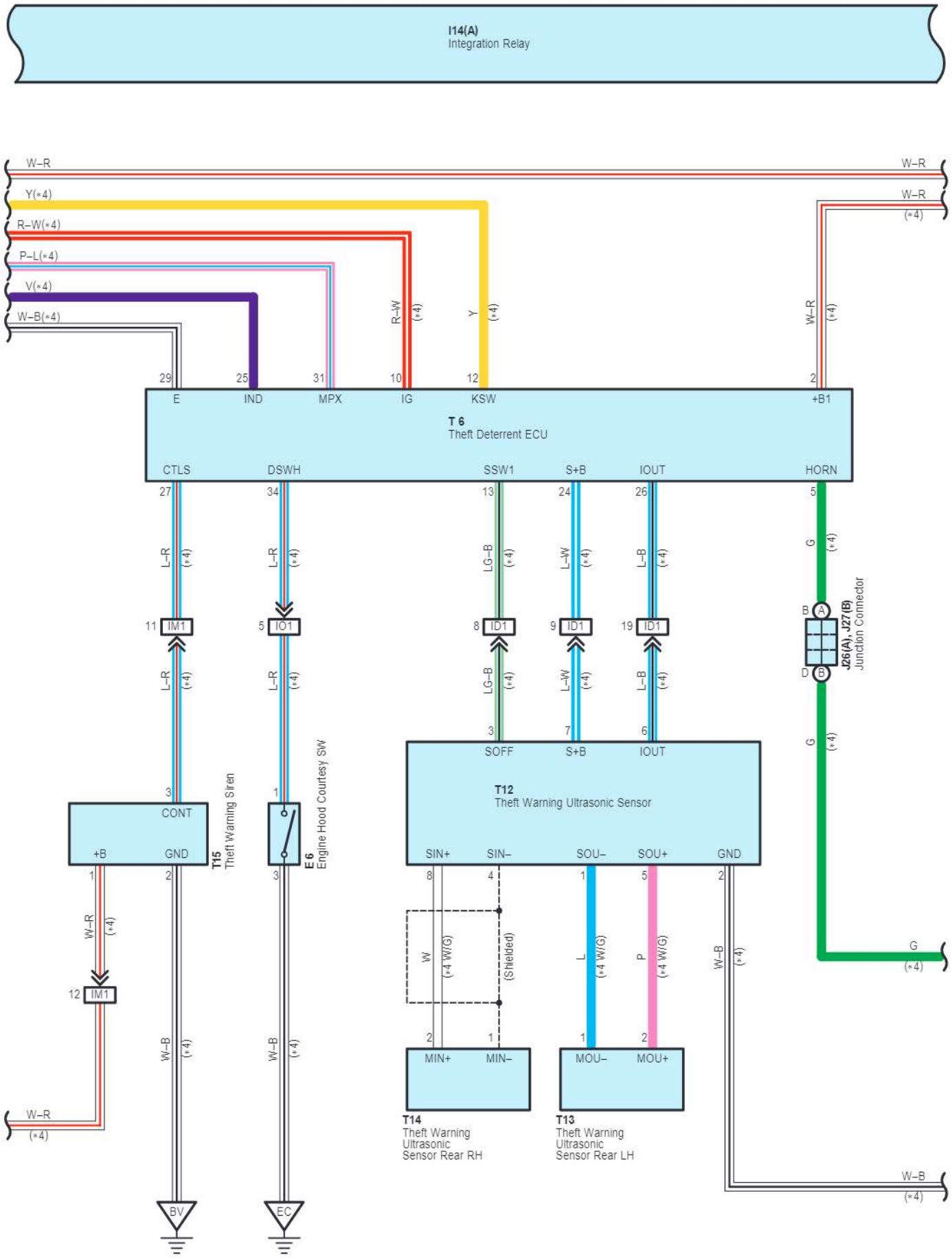
Multiplex Communication System (RHD)



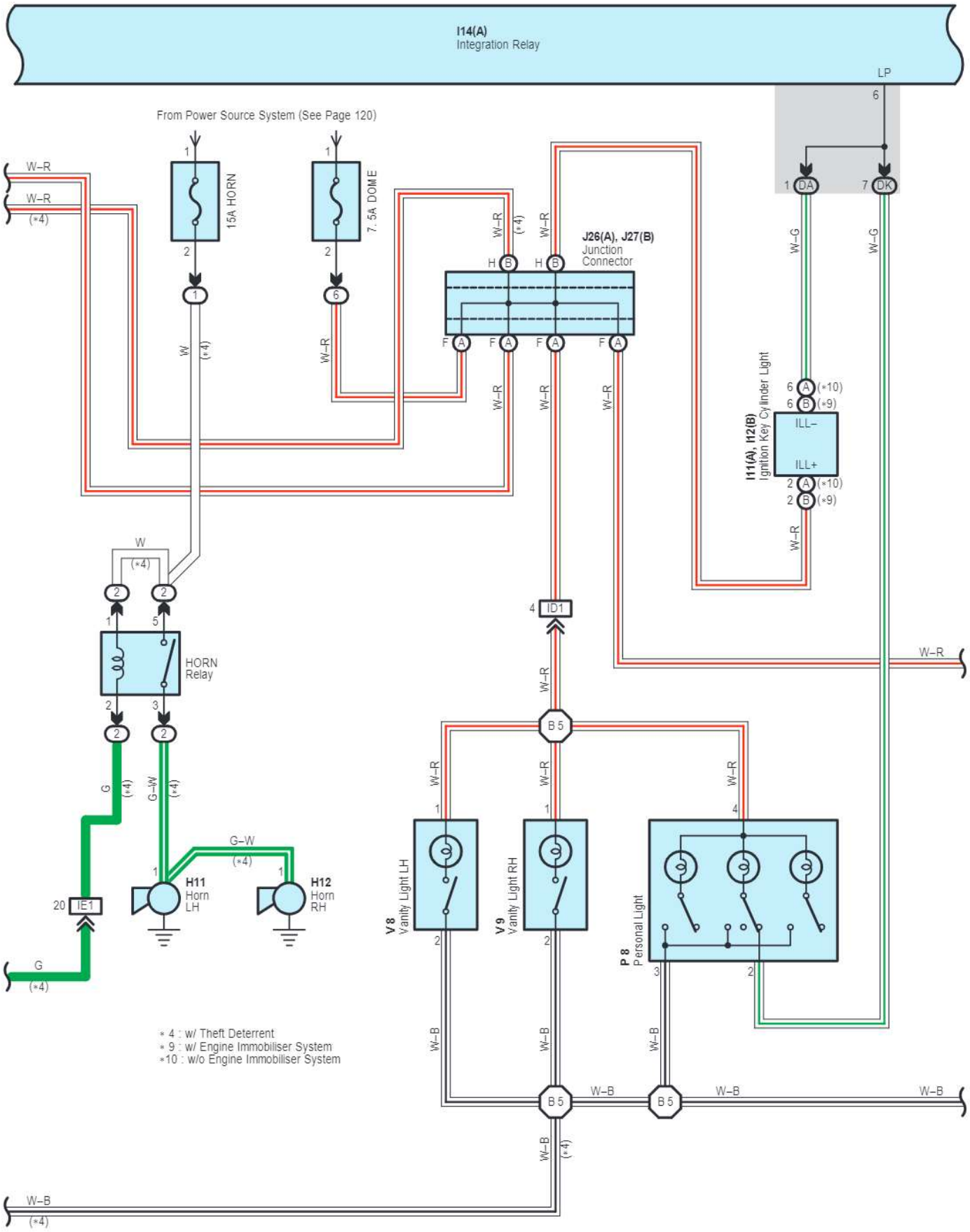
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I14(A)
Integration Relay
MPX1
11 A
P
KSW
19
8 DA
W–R
R–W(×4)
P–L(×4)
R–W
(×8)
10 IC1
R–W
(×8)
5
IG
V
(×4)
7
SEC
Y
(1AZ–FE)
Y
(×8)
Y
(×4)
W–R
Y(×4)
R–W(×4)
P–L(×4)
V(×4)
W–B(×4)
F B
D A
D A
J22(A), J23(B)
Junction Connector
Y
(×8)
A13(A), A15(B), A16(C)
A/C Control Assembly
29 A (×5)
20 B (×6)
MPX–
MPX+
PBLT
9 A
10 B
24 A (×5)
3 C (×6)
B–PBEW
E
PBEW
3
1
2
F19
Front Passenger's Seat Belt
Warning Light
Security Indicator Light
P–B
L–R
(×8)
L–R
(×8)
W–B
(×8)
G–Y
(×8)
2
U 1
Unlock Warning SW
1
W–B
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
29 B (1AZ–FSE)
29 A (×7)
21 A (×2)
MPX2
MPX1
18 B (1AZ–FSE)
23 A (×7)
20 A (×2)
P
P
8 IC3
G–Y
(×8)
3
1
B10
Buckle SW (Front Passenger's Side)
Occupant Detection Sensor
J16
Junction
Connector
A
A
W–B
(×8)
C
C
J32
Junction
Connector
W–B
(×8)
B A
C B
J30(A), J31(B)
Junction
Connector
W–B
(×8)
W–B
W–B(×4)
W–R
(×4)
W–R
(×4)
IL
BS

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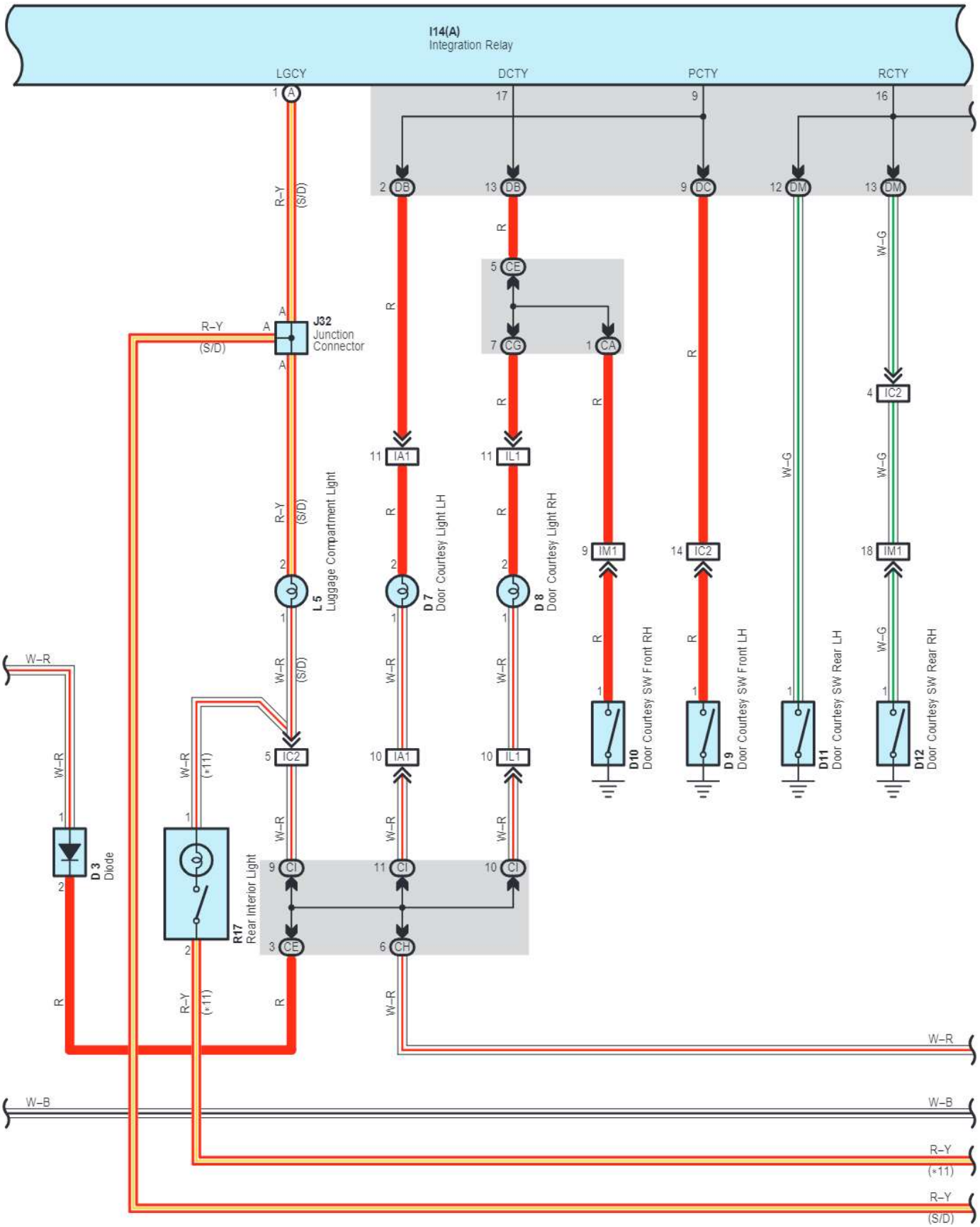

I14(A)
Integration Relay
W–R
Y(×4)
R–W(×4)
P–L(×4)
V(×4)
W–B(×4)
W–R
W–R
(×4)
R–W (×4)
Y (×4)
W–R (×4)
29 E
25 IND
31 MPX
10 IG
12 KSW
2 +B1
T 6
Theft Deterrent ECU
CTLS
DSWH
SSW1
S+B
IOUT
HORN
27
34
13
24
26
5
L–R (×4)
LG–B (×4)
L–W (×4)
L–B (×4)
G (×4)
11 IM1
5 IO1
8 ID1
9 ID1
19 ID1
B A
D B
J26 (A), J27 (B)
Junction Connector
3 SOFF
7 S+B
6 IOUT
T12
Theft Warning Ultrasonic Sensor
3
CONT
+B
GND
1
2
T15
Theft Warning Siren
E6
Engine Hood Courtesy SW
SIN+
SIN–
SOU–
SOU+
GND
8
4
1
5
2
W (×4 W/G) (Shielded)
L (×4 W/G)
P (×4 W/G)
W–B (×4)
G (×4)
12 IM1
2 MIN+
1 MIN–
1 MOU–
2 MOU+
T14
Theft Warning Ultrasonic Sensor Rear RH
T13
Theft Warning Ultrasonic Sensor Rear LH
W–R (×4)
W–B (×4)
BV
EC

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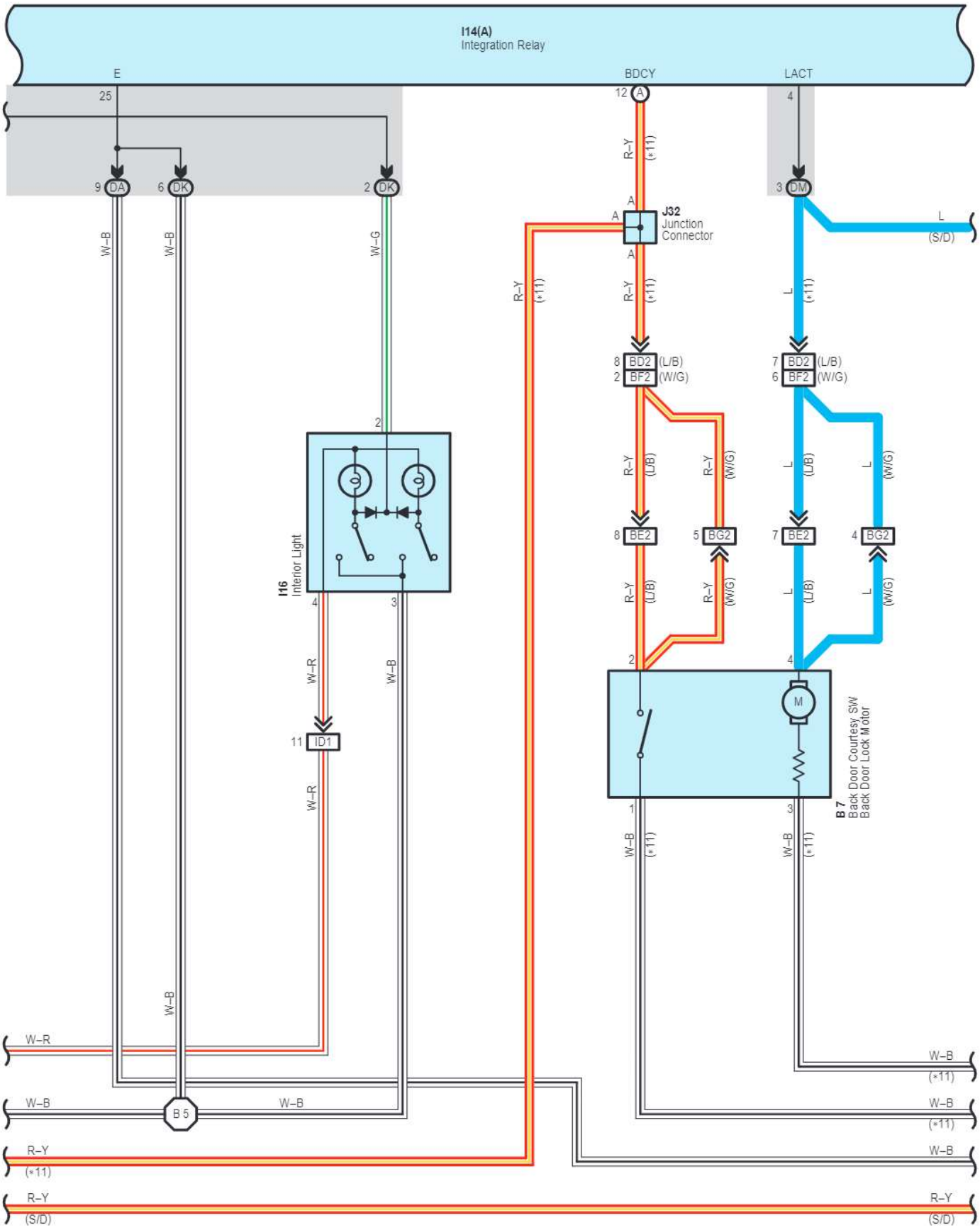

I14(A)
Integration Relay
LP
From Power Source System (See Page 120)
15A HORN
7.5A DOME
J26(A), J27(B)
Junction Connector
I11(A), I12(B)
Ignition Key Cylinder Light
ILL−
ILL+
HORN
Relay
ID1
IE1
H11
Horn
LH
H12
Horn
RH
V8
Vanity Light LH
V9
Vanity Light RH
P8
Personal Light
B5
W−R
W−B
W−G
G
G−W
W
(*4)
(*10)
(*9)
* 4 : w/ Theft Deterrent
* 9 : w/ Engine Immobiliser System
*10 : w/o Engine Immobiliser System

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Multiplex Communication System (RHD)

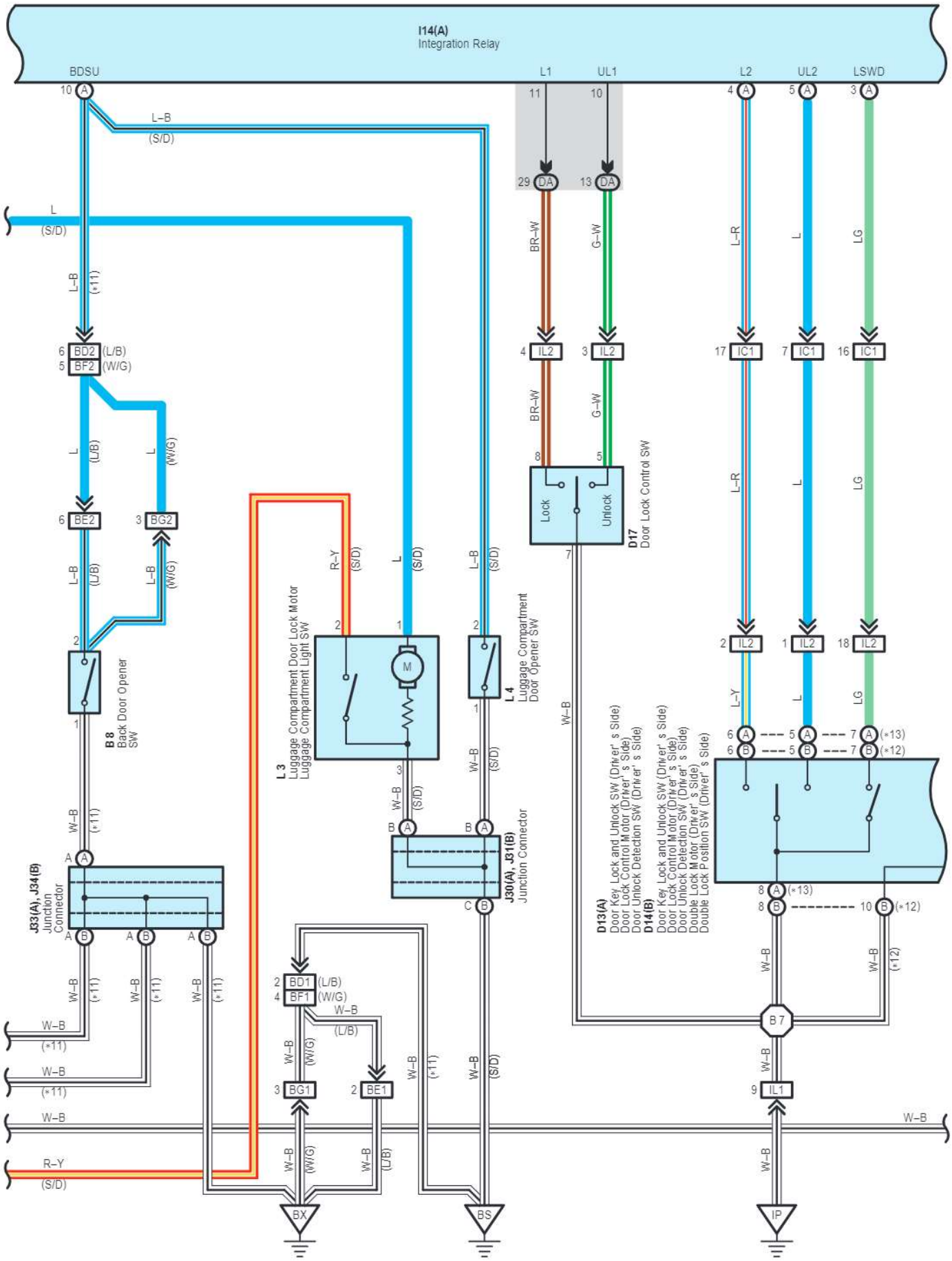


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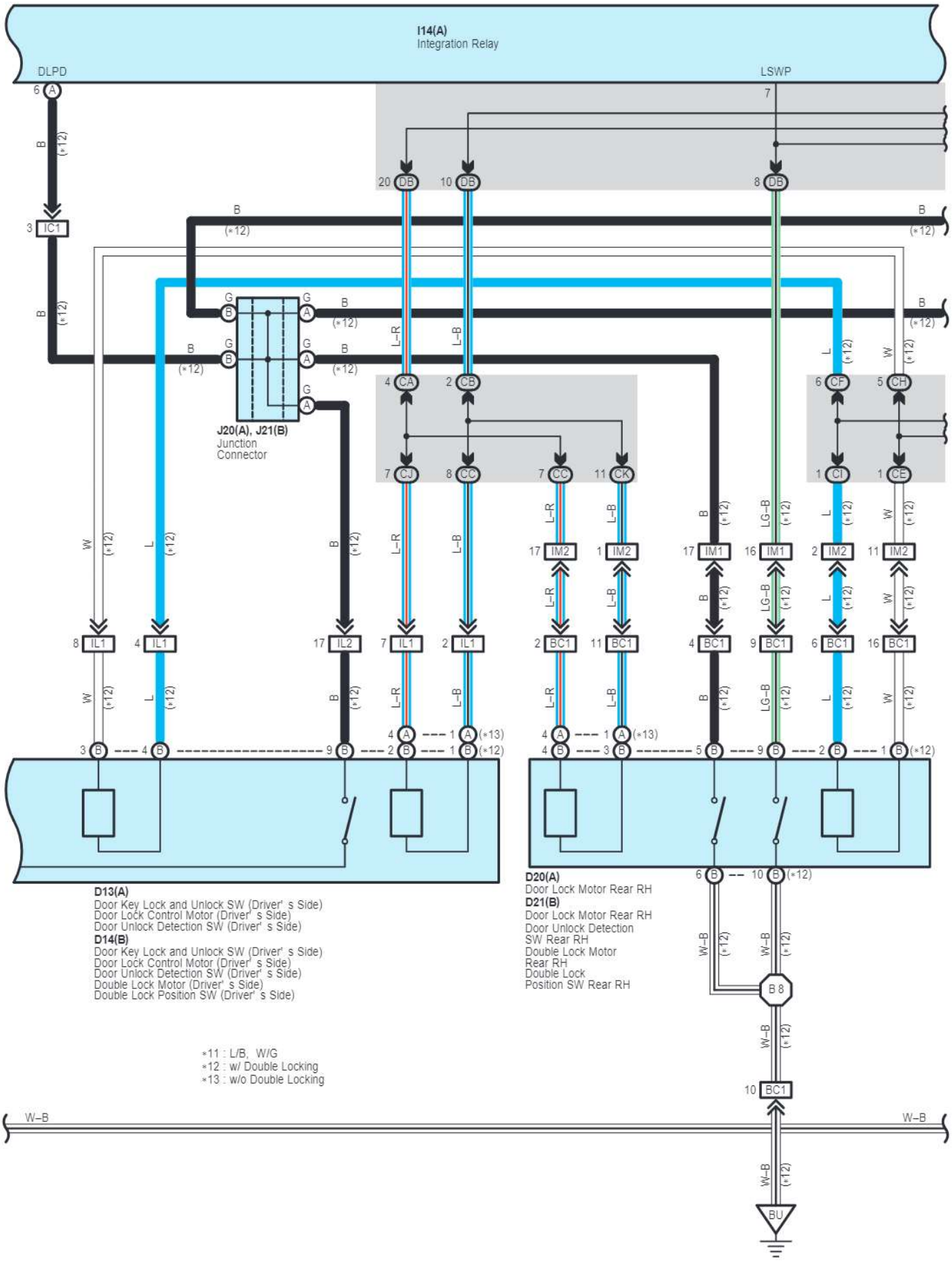

I14(A)
Integration Relay
E
BDCY
LACT
25
12
4
9 DA
6 DK
2 DK
3 DM
W–B
W–G
R–Y
(*11)
L
(S/D)
A
J32
Junction
Connector
8 BD2 (L/B)
2 BF2 (W/G)
7 BD2 (L/B)
6 BF2 (W/G)
8 BE2
5 BG2
7 BE2
4 BG2
I16
Interior Light
11 ID1
W–R
B 5
M
B 7
Back Door Courtesy SW
Back Door Lock Motor
*11 : L/B, W/G

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Multiplex Communication System (RHD)

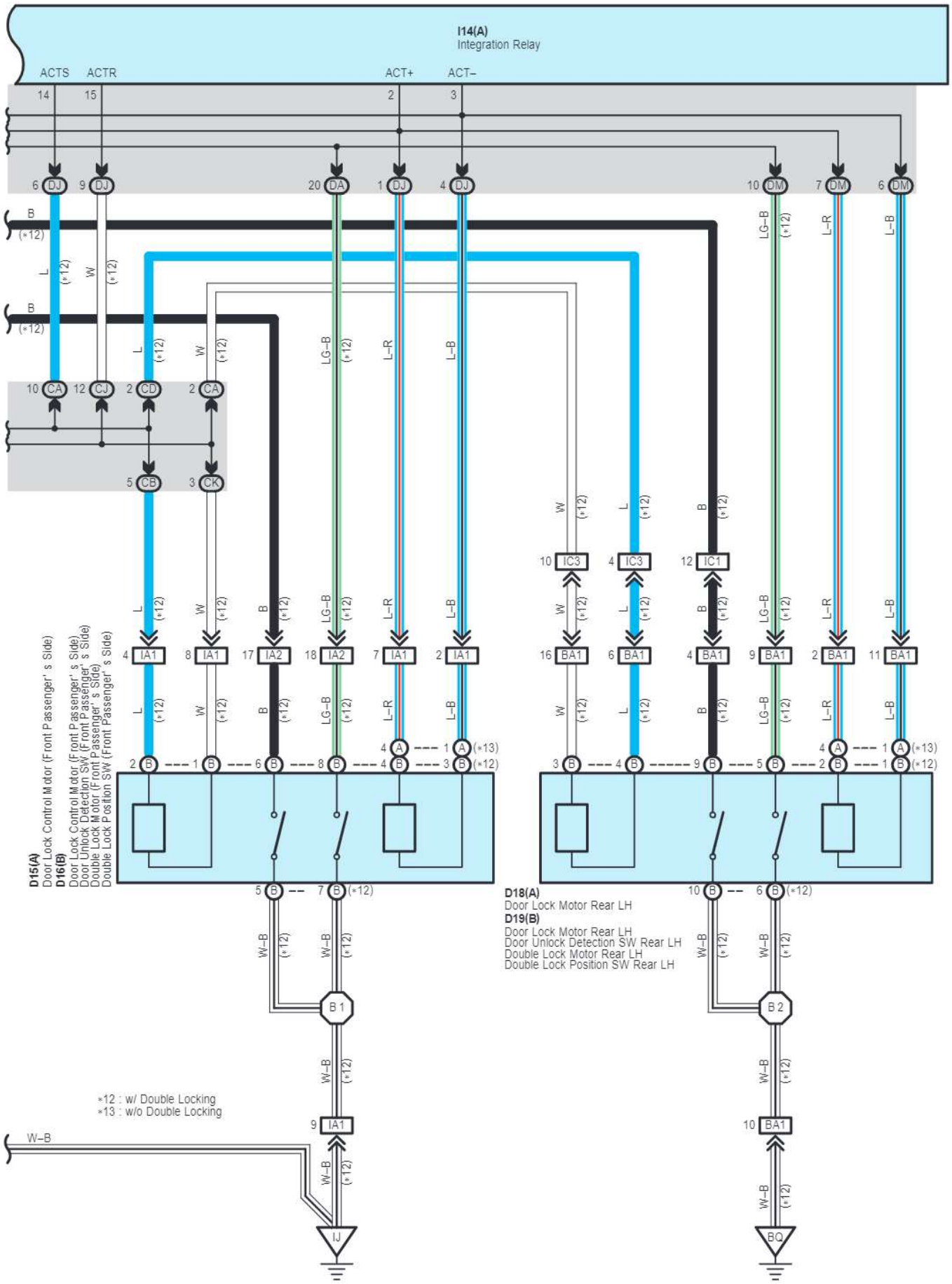


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I14(A)
Integration Relay
DLPD
LSWP
J20(A), J21(B)
Junction
Connector
D13(A)
Door Key Lock and Unlock SW (Driver' s Side)
Door Lock Control Motor (Driver' s Side)
Door Unlock Detection SW (Driver' s Side)
D14(B)
Door Key Lock and Unlock SW (Driver' s Side)
Door Lock Control Motor (Driver' s Side)
Door Unlock Detection SW (Driver' s Side)
Double Lock Motor (Driver' s Side)
Double Lock Position SW (Driver' s Side)
D20(A)
Door Lock Motor Rear RH
D21(B)
Door Lock Motor Rear RH
Door Unlock Detection
SW Rear RH
Double Lock Motor
Rear RH
Double Lock
Position SW Rear RH
*11 : L/B, W/G
*12 : w/ Double Locking
*13 : w/o Double Locking

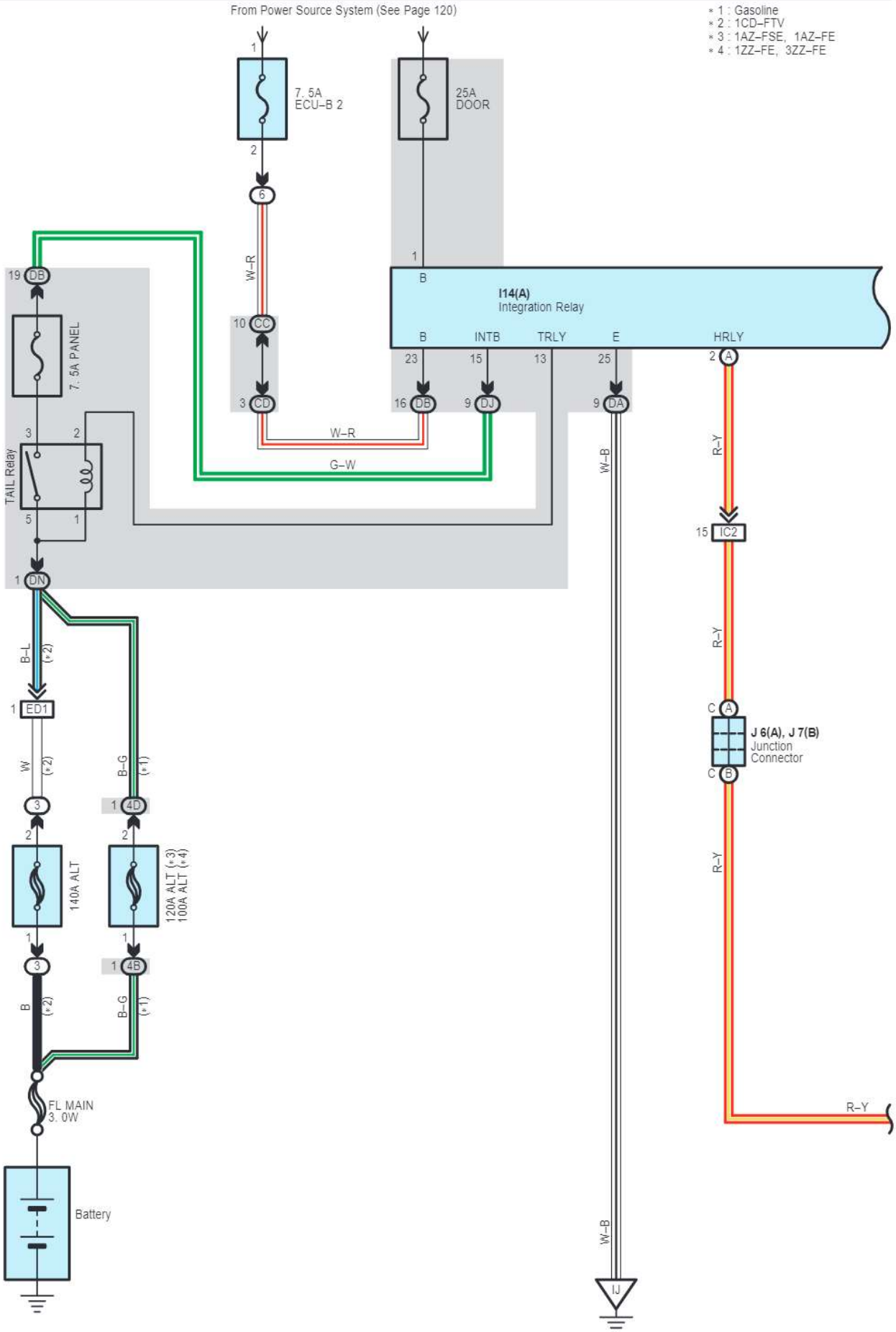
http://vnx.su

Multiplex Communication System (RHD)

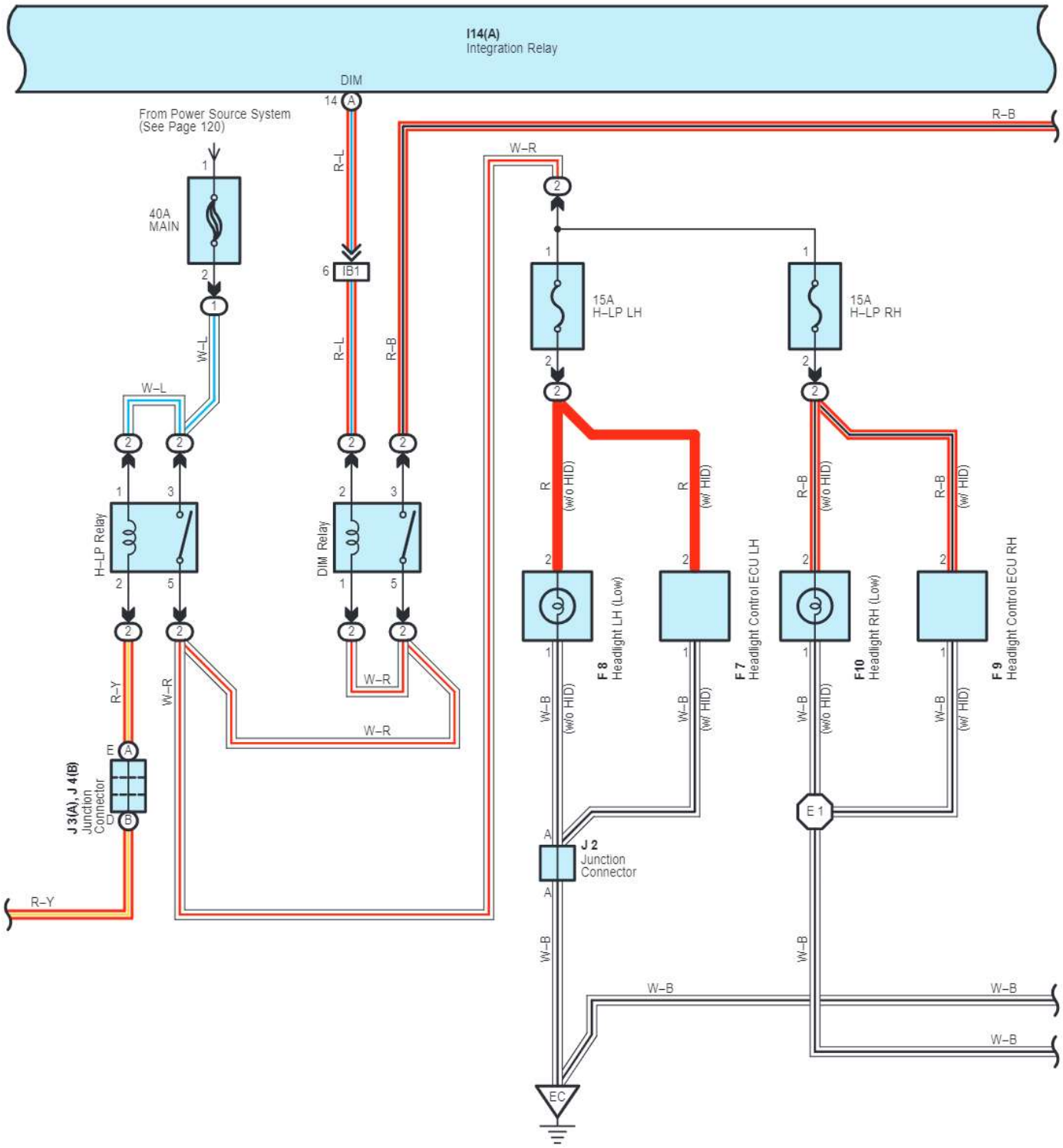


http://vnx.su

Headlight (w/ Daytime Running Light)

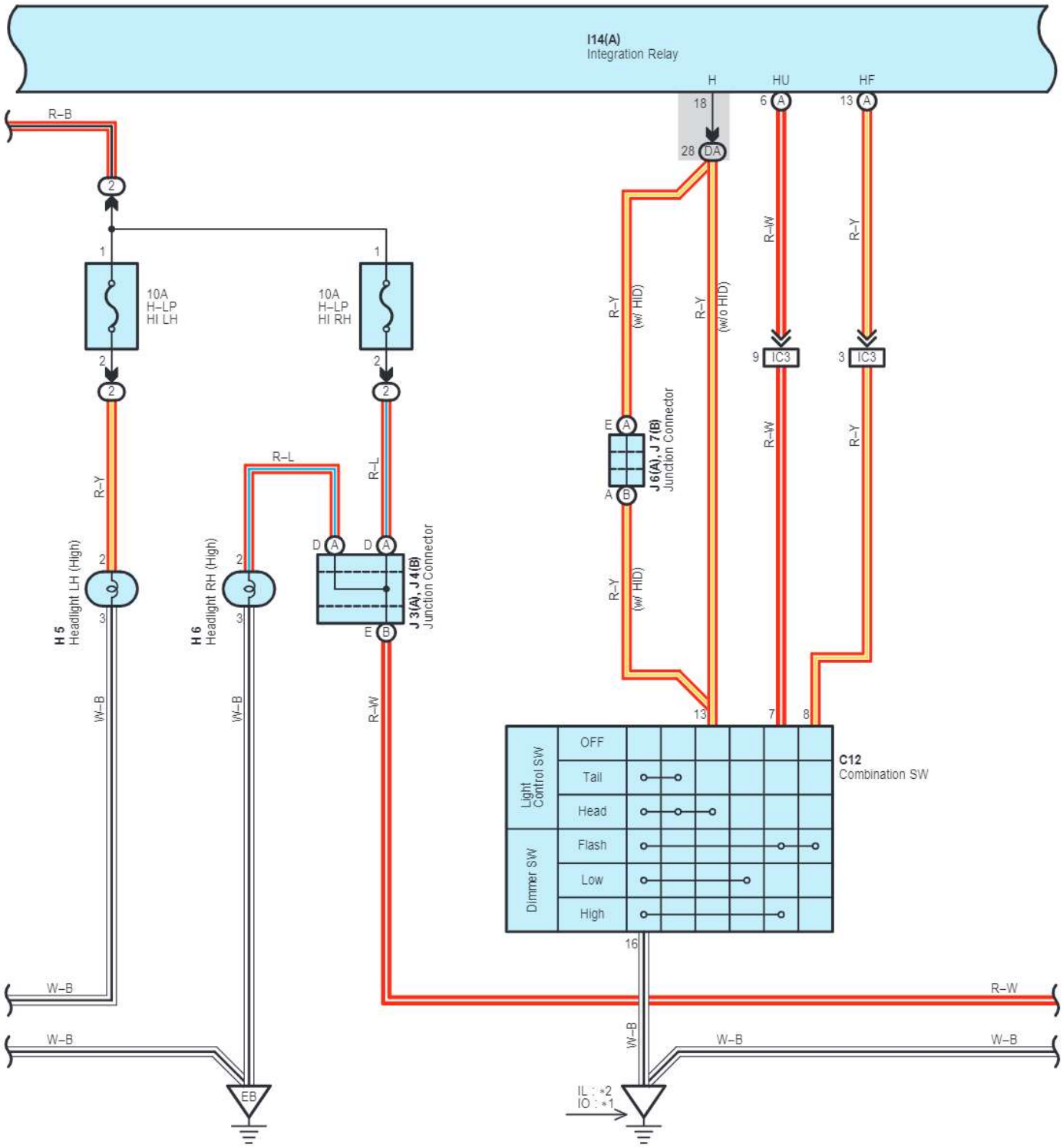


http://vnx.su

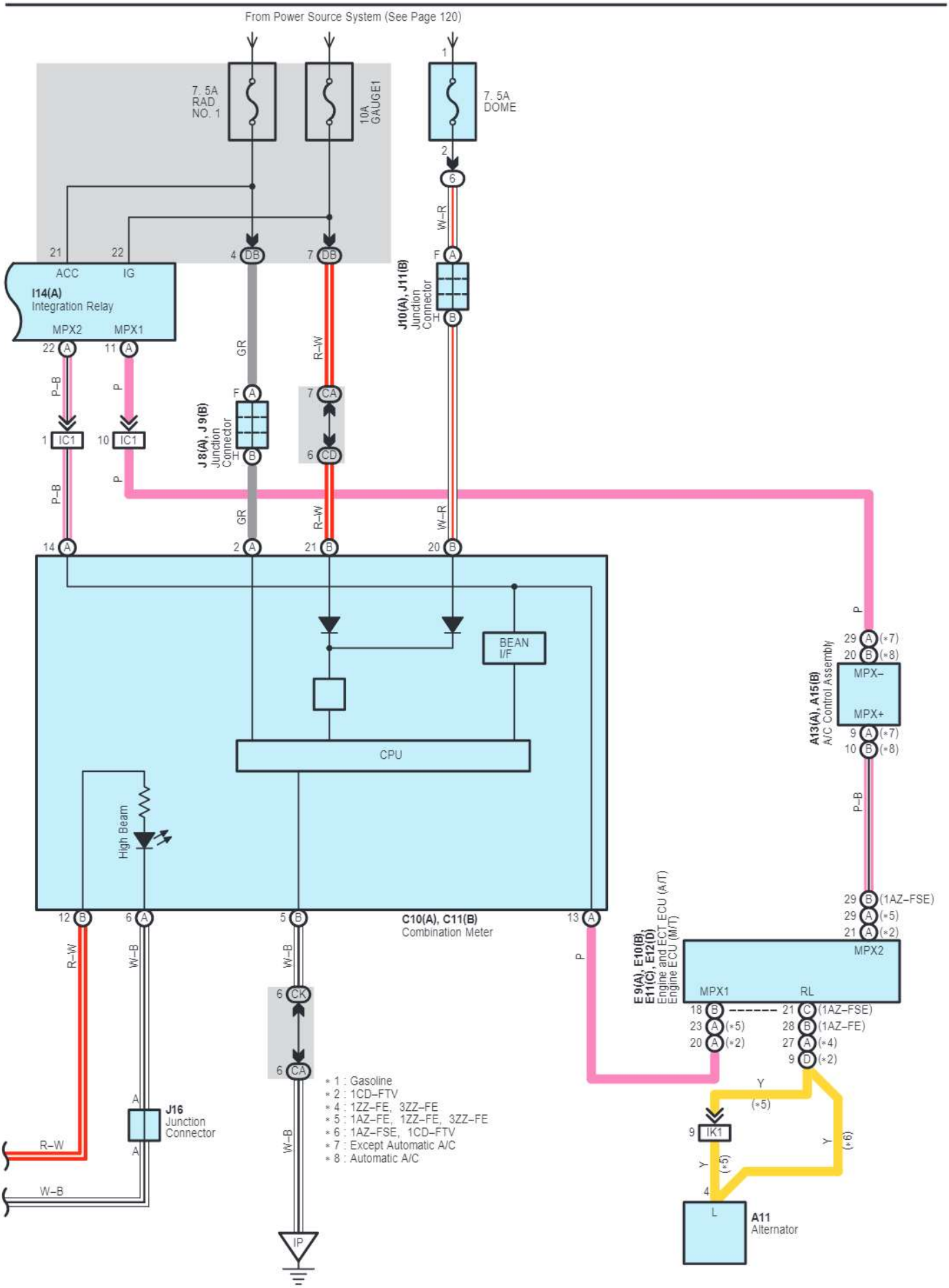

I14(A)
Integration Relay
DIM
14
A
From Power Source System
(See Page 120)
R–B
W–R
40A
MAIN
1
2
W–L
R–L
6
IB1
R–L
R–B
W–L
15A
H–LP LH
15A
H–LP RH
H–LP Relay
DIM Relay
R
(w/o HID)
R
(w/ HID)
R–B
(w/o HID)
R–B
(w/ HID)
F 8
Headlight LH (Low)
F 7
Headlight Control ECU LH
F10
Headlight RH (Low)
F 9
Headlight Control ECU RH
W–B
(w/o HID)
W–B
(w/ HID)
W–B
(w/o HID)
W–B
(w/ HID)
R–Y
W–R
W–R
W–R
E
A
B
J 3(A), J 4(B)
Junction
Connector
R–Y
A
J 2
Junction
Connector
A
E 1
W–B
W–B
W–B
W–B
EC

http://vnx.su

Headlight (w/ Daytime Running Light)

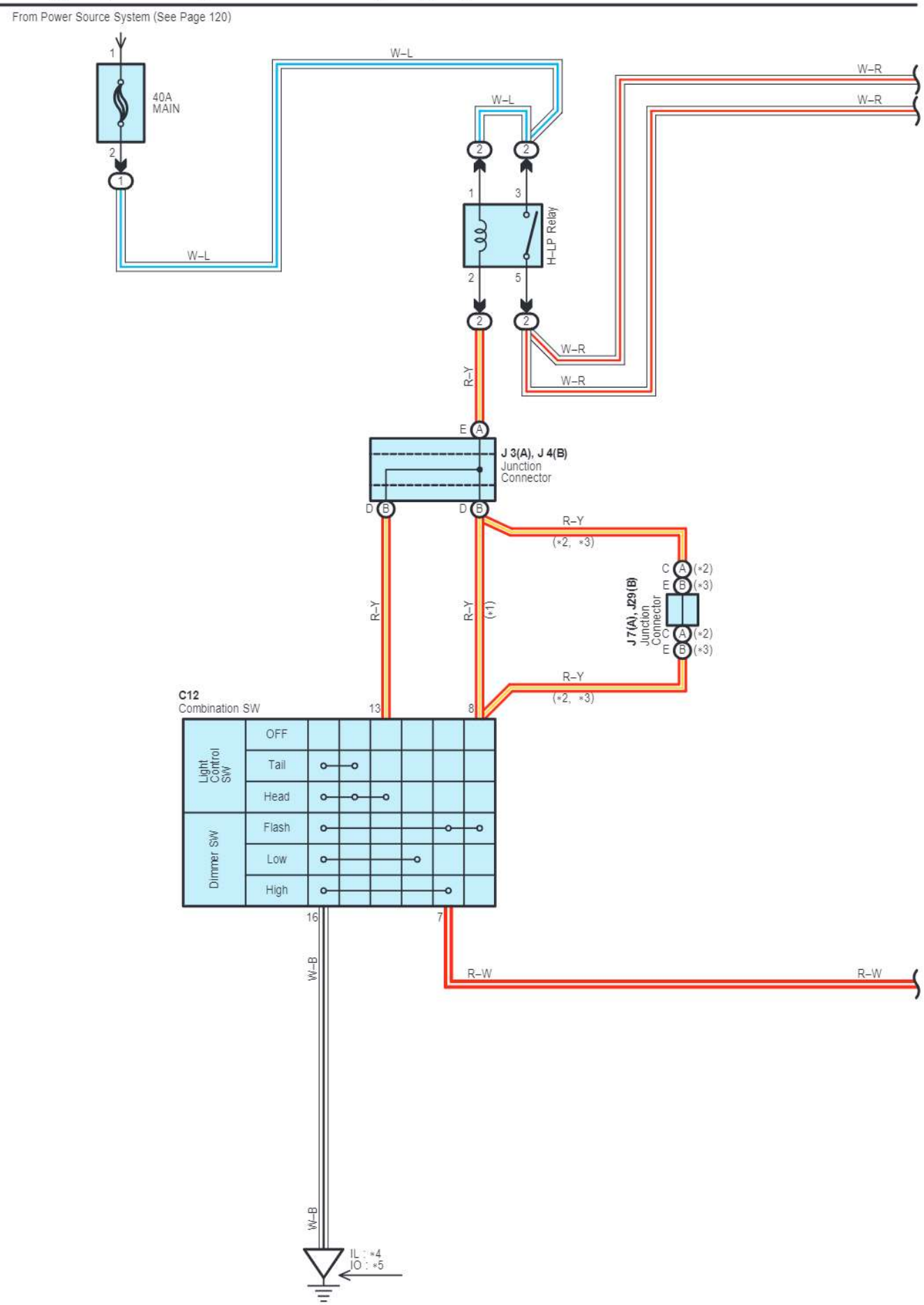


http://vnx.su

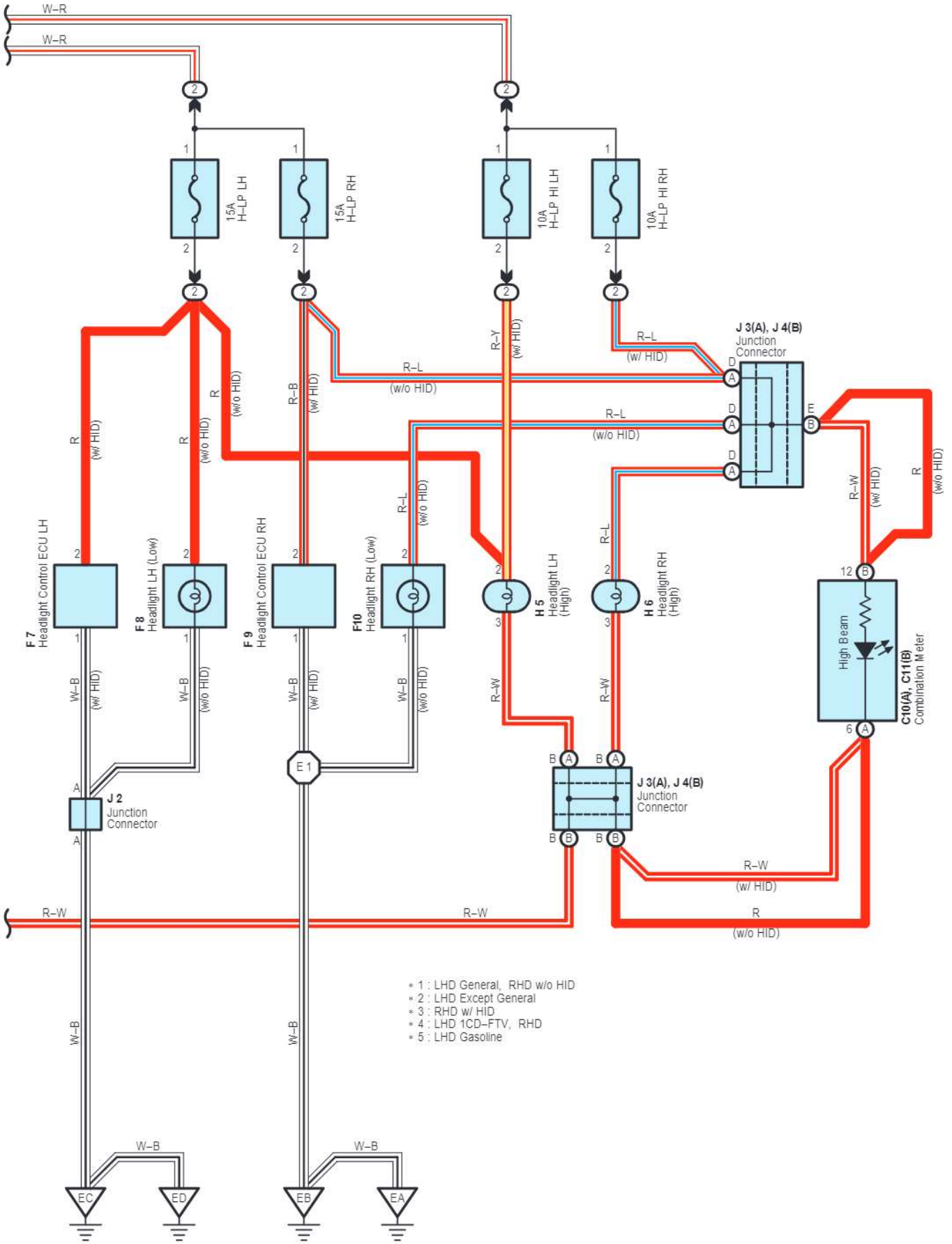

From Power Source System (See Page 120)
7.5A RAD NO. 1
10A GAUGE1
7.5A DOME
ACC
IG
I14(A) Integration Relay
MPX2
MPX1
J10(A), J11(B) Junction Connector
J8(A), J9(B) Junction Connector
IC1
BEAN I/F
CPU
High Beam
C10(A), C11(B) Combination Meter
A13(A), A15(B) A/C Control Assembly
MPX–
MPX+
E9(A), E10(B), E11(C), E12(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
MPX2
RL
IK1
A11 Alternator
L
J16 Junction Connector
IP
* 1 : Gasoline
* 2 : 1CD–FTV
* 4 : 1ZZ–FE, 3ZZ–FE
* 5 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 6 : 1AZ–FSE, 1CD–FTV
* 7 : Except Automatic A/C
* 8 : Automatic A/C

http://vnx.su

Headlight (w/o Daytime Running Light)

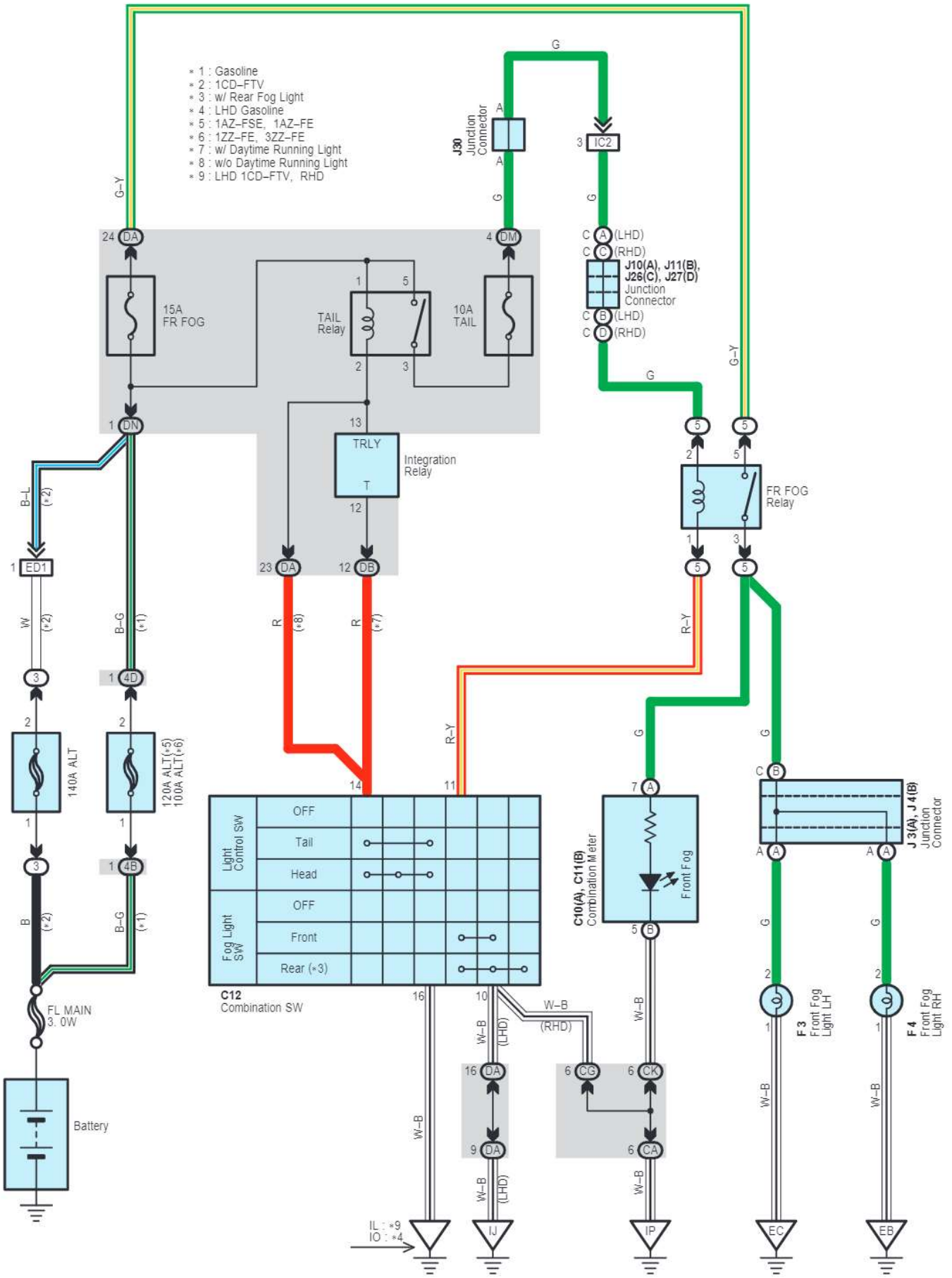


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W–R
W–R
15A H–LP LH
15A H–LP RH
10A H–LP HI LH
10A H–LP HI RH
R (w/ HID)
R (w/o HID)
R–B (w/ HID)
R–L (w/o HID)
R–Y (w/ HID)
R–L (w/ HID)
J 3(A), J 4(B) Junction Connector
R–L (w/o HID)
R–W (w/ HID)
R (w/o HID)
F 7 Headlight Control ECU LH
F 8 Headlight LH (Low)
F 9 Headlight Control ECU RH
F10 Headlight RH (Low)
H 5 Headlight LH (High)
H 6 Headlight RH (High)
W–B (w/ HID)
W–B (w/o HID)
R–W
J 2 Junction Connector
E 1
High Beam
C10(A), C11(B) Combination Meter
R–W (w/ HID)
R (w/o HID)
R–W
W–B
W–B
W–B
W–B
EC
ED
EB
EA
* 1 : LHD General, RHD w/o HID
* 2 : LHD Except General
* 3 : RHD w/ HID
* 4 : LHD 1CD–FTV, RHD
* 5 : LHD Gasoline

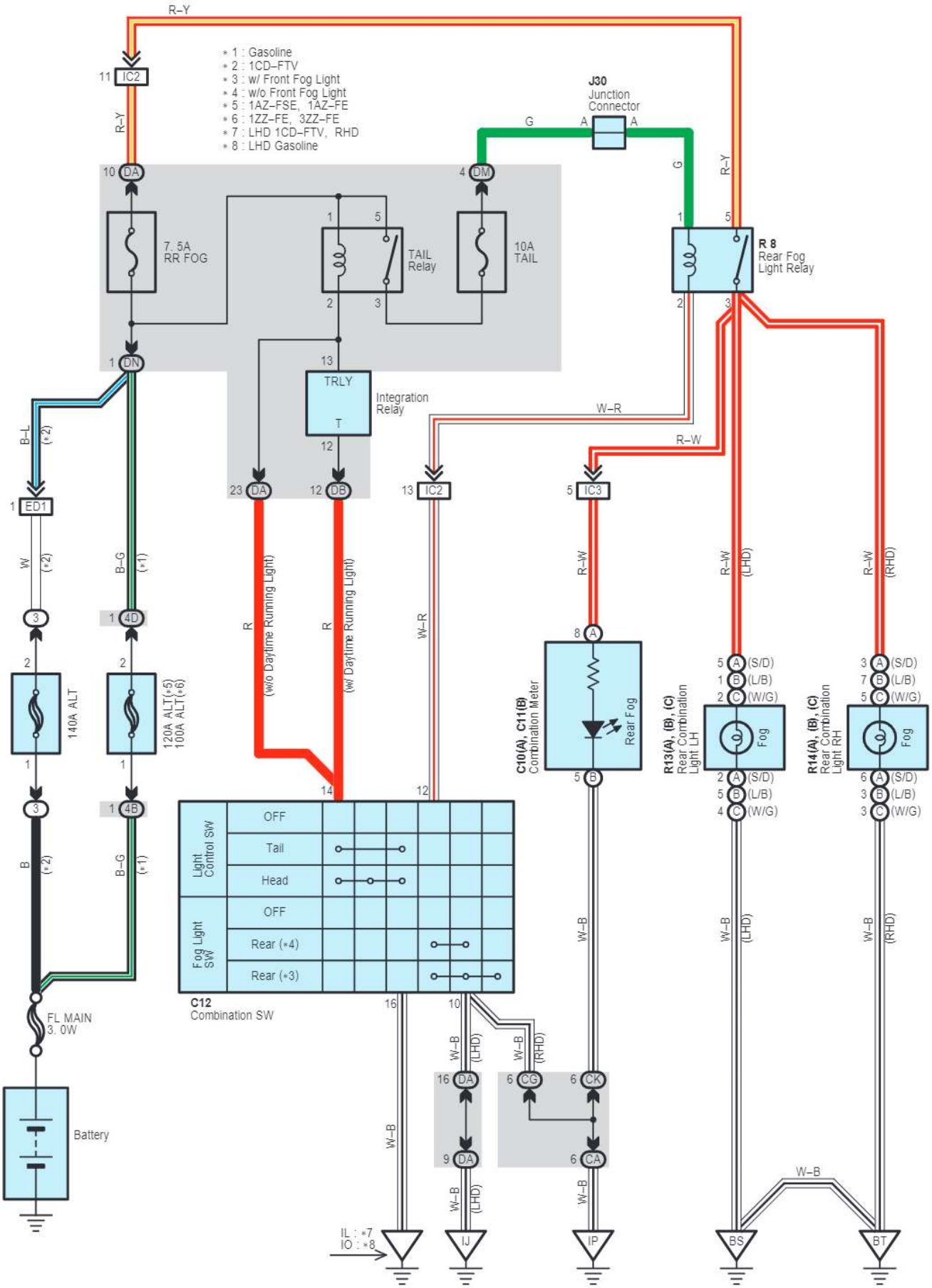
http://vnx.su

Front Fog Light

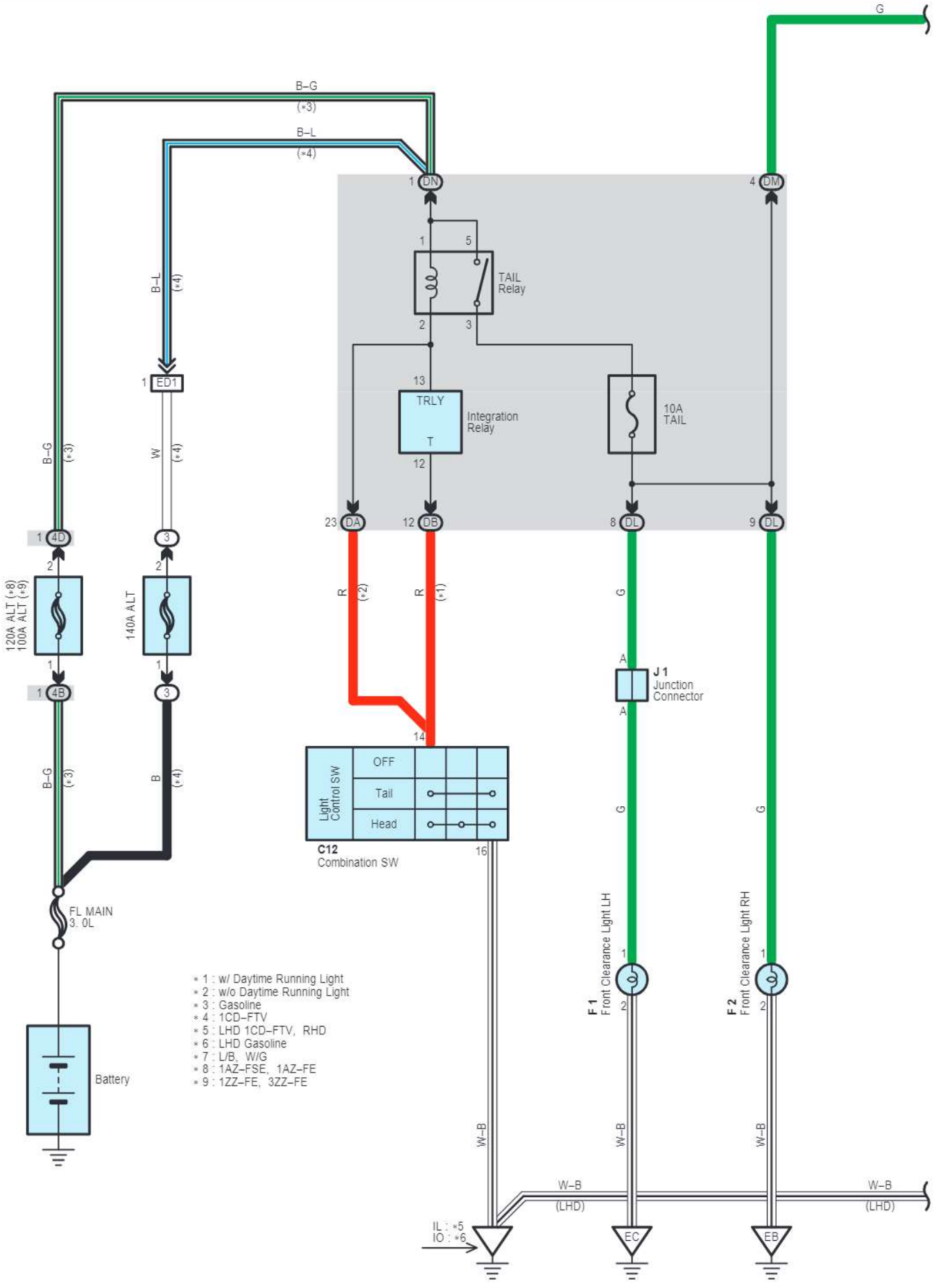


http://vnx.su

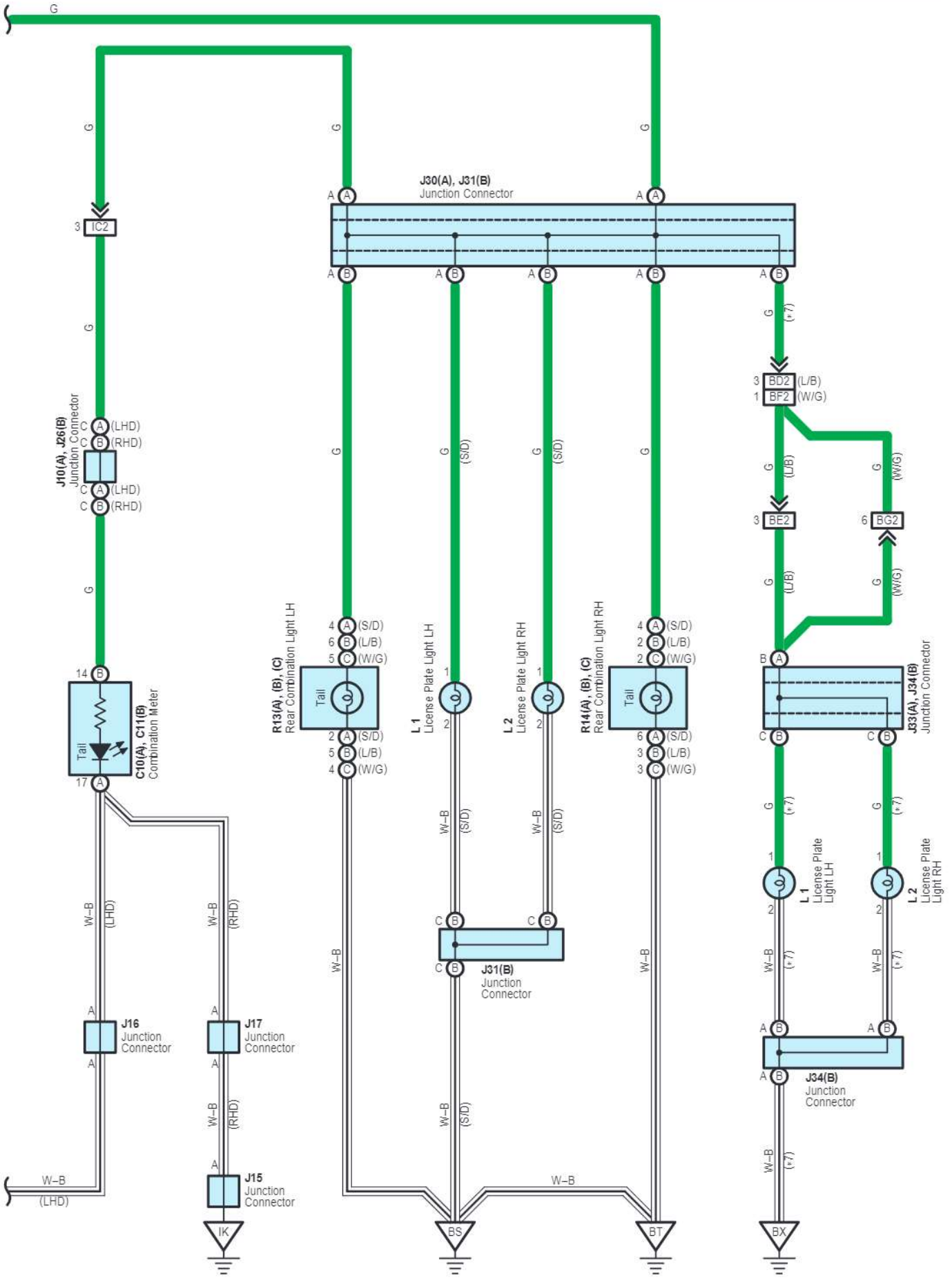
Rear Fog Light



http://vnx.su

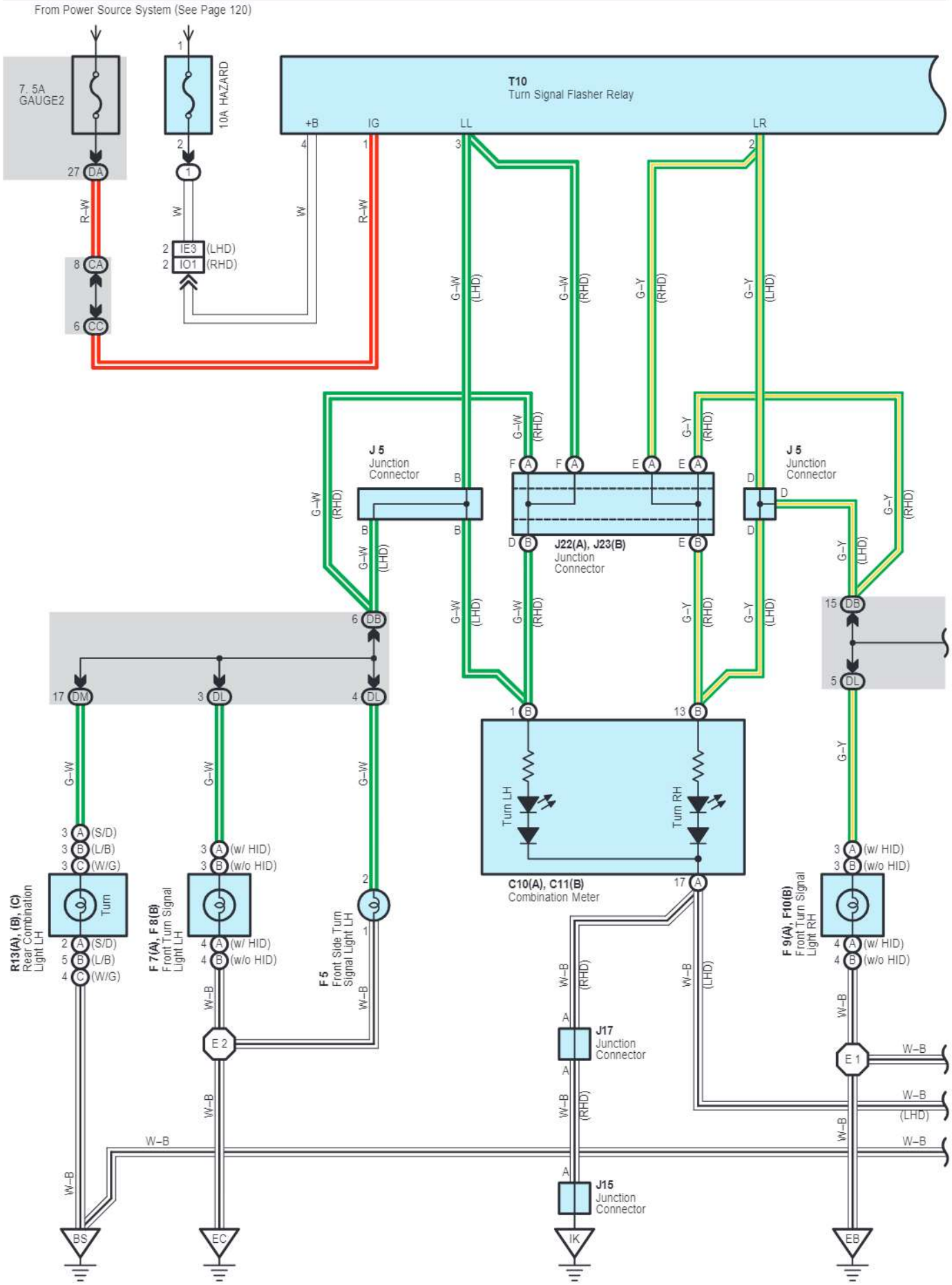

B–G
(*3)
B–L
(*4)
1 DN
4 DM
G
TAIL
Relay
1
5
2
3
13
TRLY
T
Integration
Relay
12
10A
TAIL
1 ED1
B–G (*3)
W (*4)
23 DA
12 DB
8 DL
9 DL
1 4D
3
2
120A ALT (*8)
100A ALT (*9)
140A ALT
1
1 4B
3
R (*2)
R (*1)
G
A
J 1
Junction
Connector
A
14
Light
Control SW
OFF
Tail
Head
C12
Combination SW
16
B–G (*3)
B (*4)
G
G
FL MAIN
3. 0L
F 1
Front Clearance Light LH
F 2
Front Clearance Light RH
1
2
1
2
Battery
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
* 3 : Gasoline
* 4 : 1CD–FTV
* 5 : LHD 1CD–FTV, RHD
* 6 : LHD Gasoline
* 7 : L/B, W/G
* 8 : 1AZ–FSE, 1AZ–FE
* 9 : 1ZZ–FE, 3ZZ–FE
W–B
W–B
W–B
W–B
(LHD)
W–B
(LHD)
IL : *5
IO : *6
EC
EB

http://vnx.su

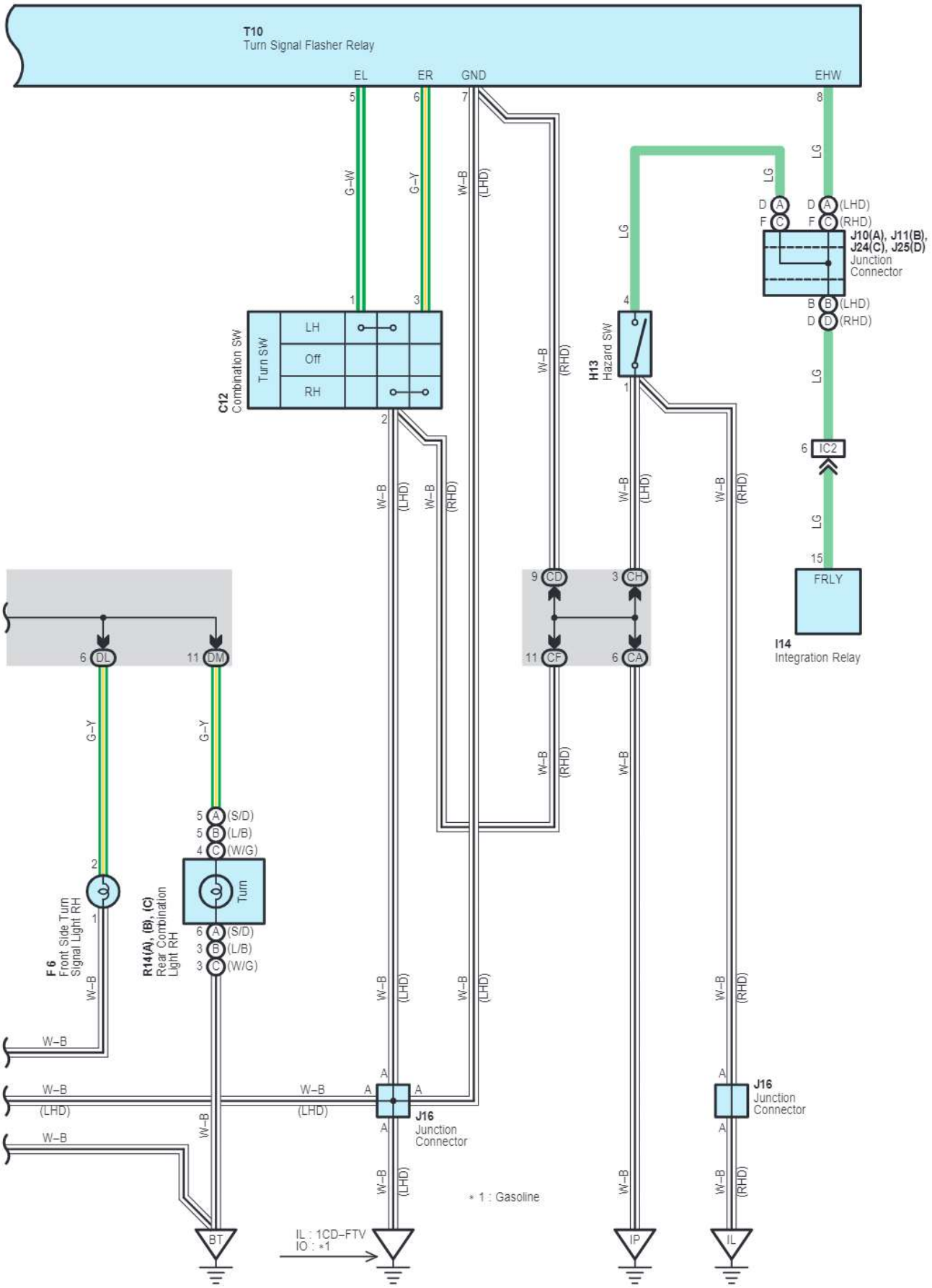

G
3 IC2
J10(A), J26(B)
Junction Connector
C A (LHD)
C B (RHD)
C A (LHD)
C B (RHD)
14 B
Tail
17 A
C10(A), C11(B)
Combination Meter
W–B (LHD)
W–B (RHD)
A J16
Junction Connector
A J17
Junction Connector
A J15
Junction Connector
W–B (LHD)
W–B (RHD)
IK
J30(A), J31(B)
Junction Connector
A A
A B
R13(A), (B), (C)
Rear Combination Light LH
Tail
4 A (S/D)
6 B (L/B)
5 C (W/G)
2 A (S/D)
5 B (L/B)
4 C (W/G)
L1
License Plate Light LH
L2
License Plate Light RH
G (S/D)
W–B (S/D)
C B
J31(B)
Junction Connector
R14(A), (B), (C)
Rear Combination Light RH
4 A (S/D)
2 B (L/B)
2 C (W/G)
6 A (S/D)
3 B (L/B)
3 C (W/G)
W–B
BS
BT
3 BD2 (L/B)
1 BF2 (W/G)
3 BE2
6 BG2
G (L/B)
G (W/G)
G (*7)
B A
C B
J33(A), J34(B)
Junction Connector
L1
License Plate Light LH
L2
License Plate Light RH
W–B (*7)
A B
J34(B)
Junction Connector
BX

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Turn Signal and Hazard Warning Light



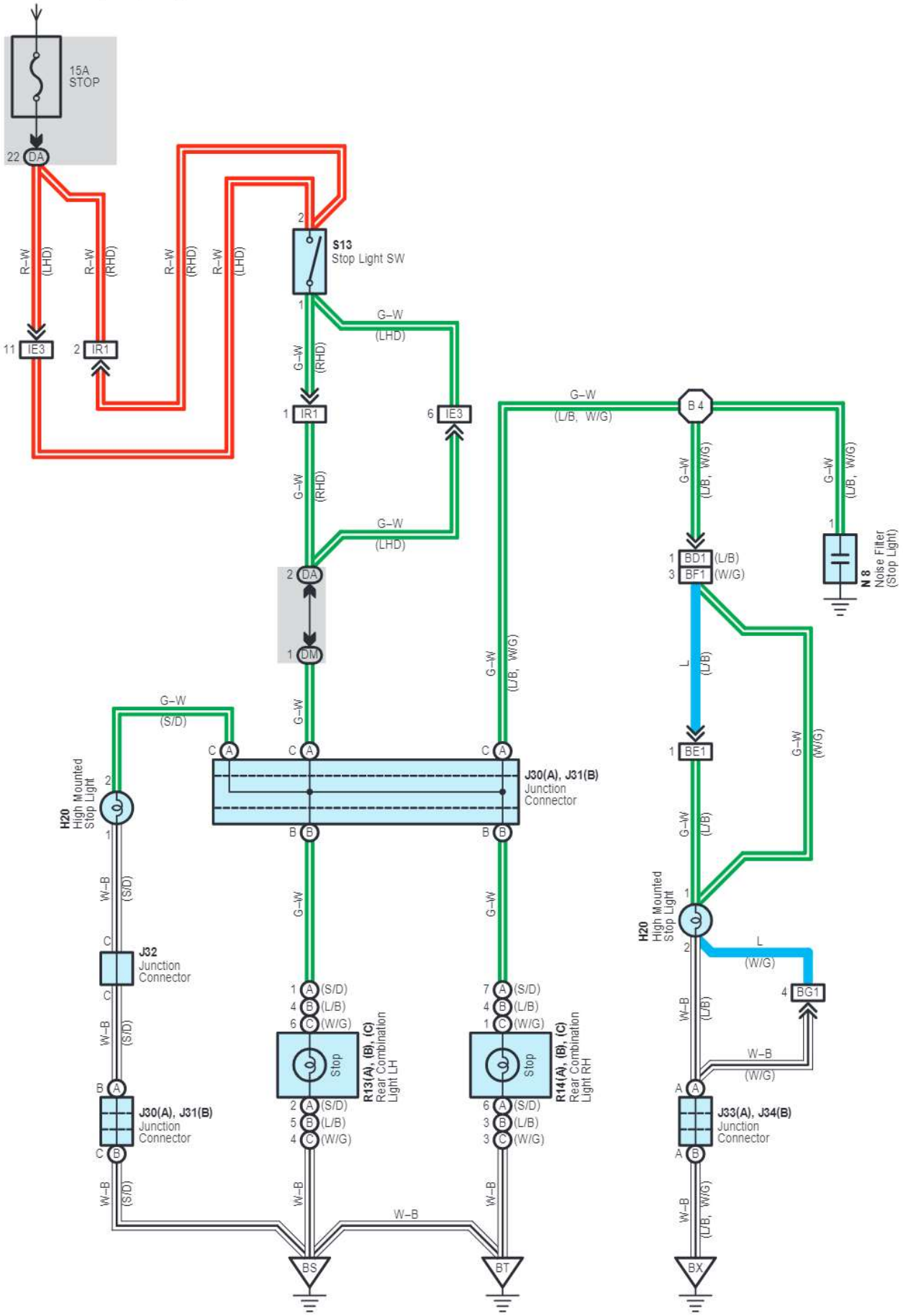
http://vnx.su


T10
Turn Signal Flasher Relay
EL
ER
GND
EHW
G-W
G-Y
W-B
(LHD)
(RHD)
LG
C12
Combination SW
Turn SW
LH
Off
RH
H13
Hazard SW
J10(A), J11(B), J24(C), J25(D)
Junction Connector
IC2
FRLY
I14
Integration Relay
F6
Front Side Turn Signal Light RH
R14(A), (B), (C)
Rear Combination Light RH
Turn
(S/D)
(L/B)
(W/G)
J16
Junction Connector
BT
IL : 1CD-FTV
IO : *1
IP
IL
* 1 : Gasoline

http://vnx.su

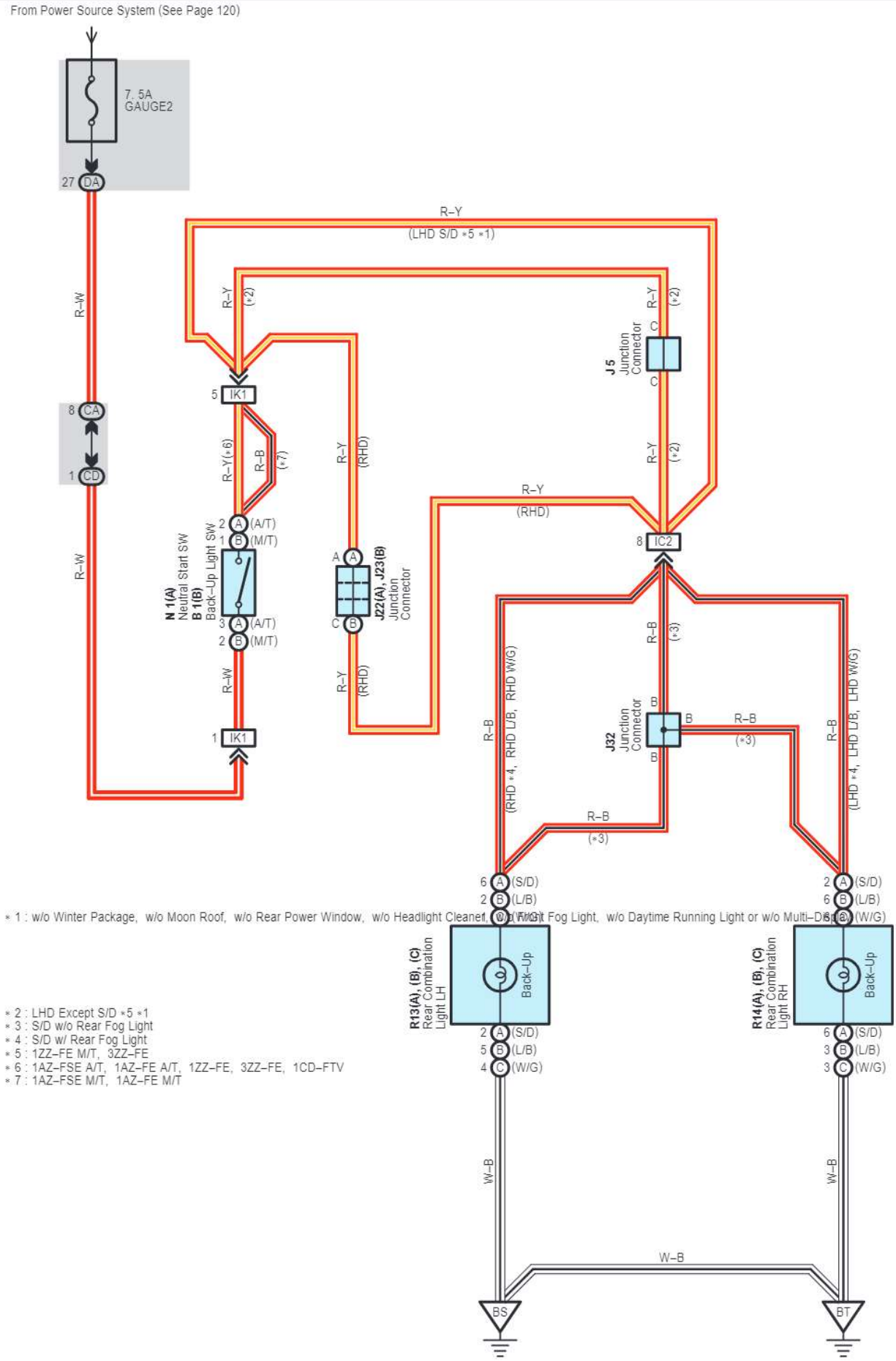
Stop Light

From Power Source System (See Page 120)

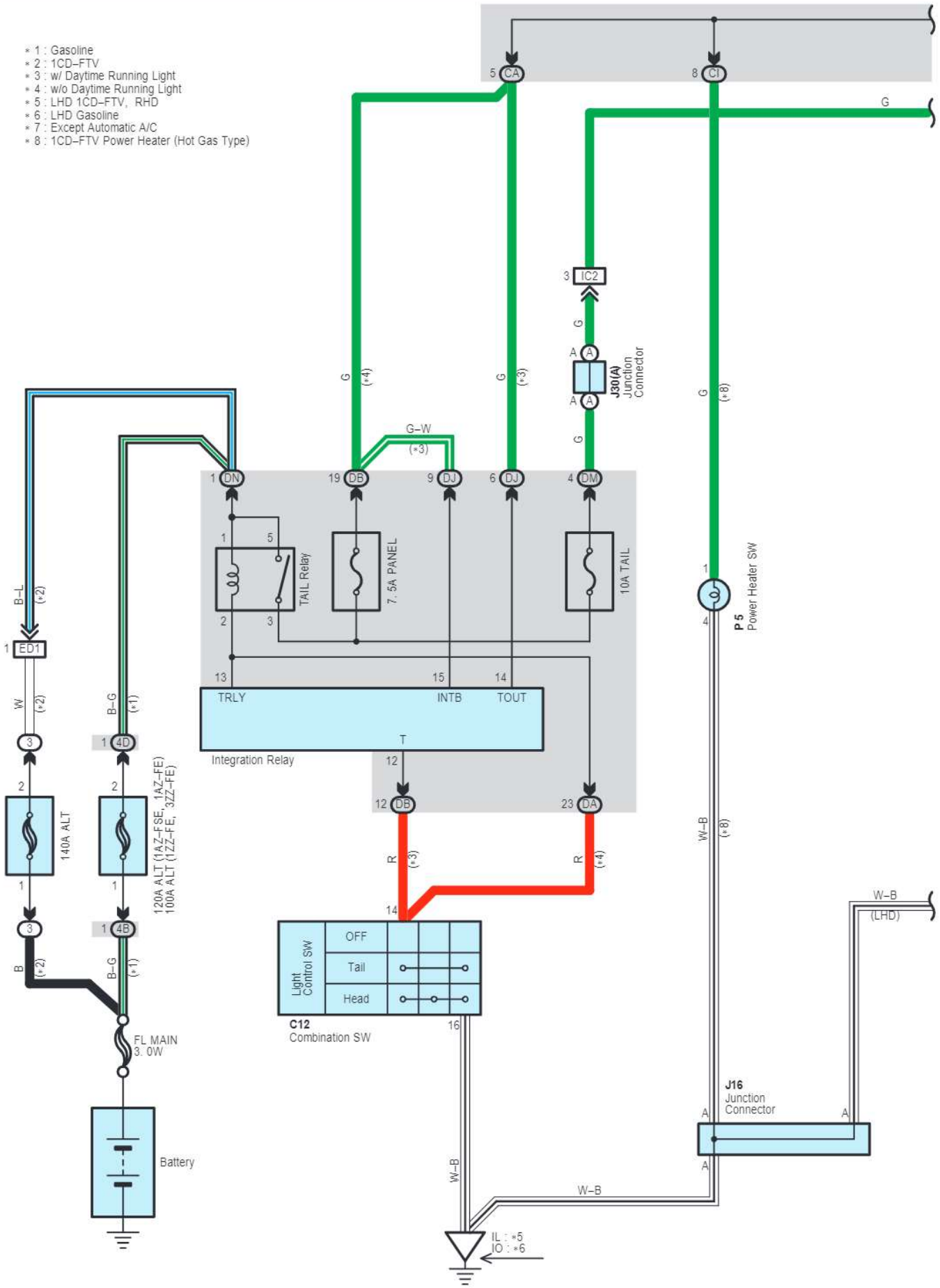


http://vnx.su

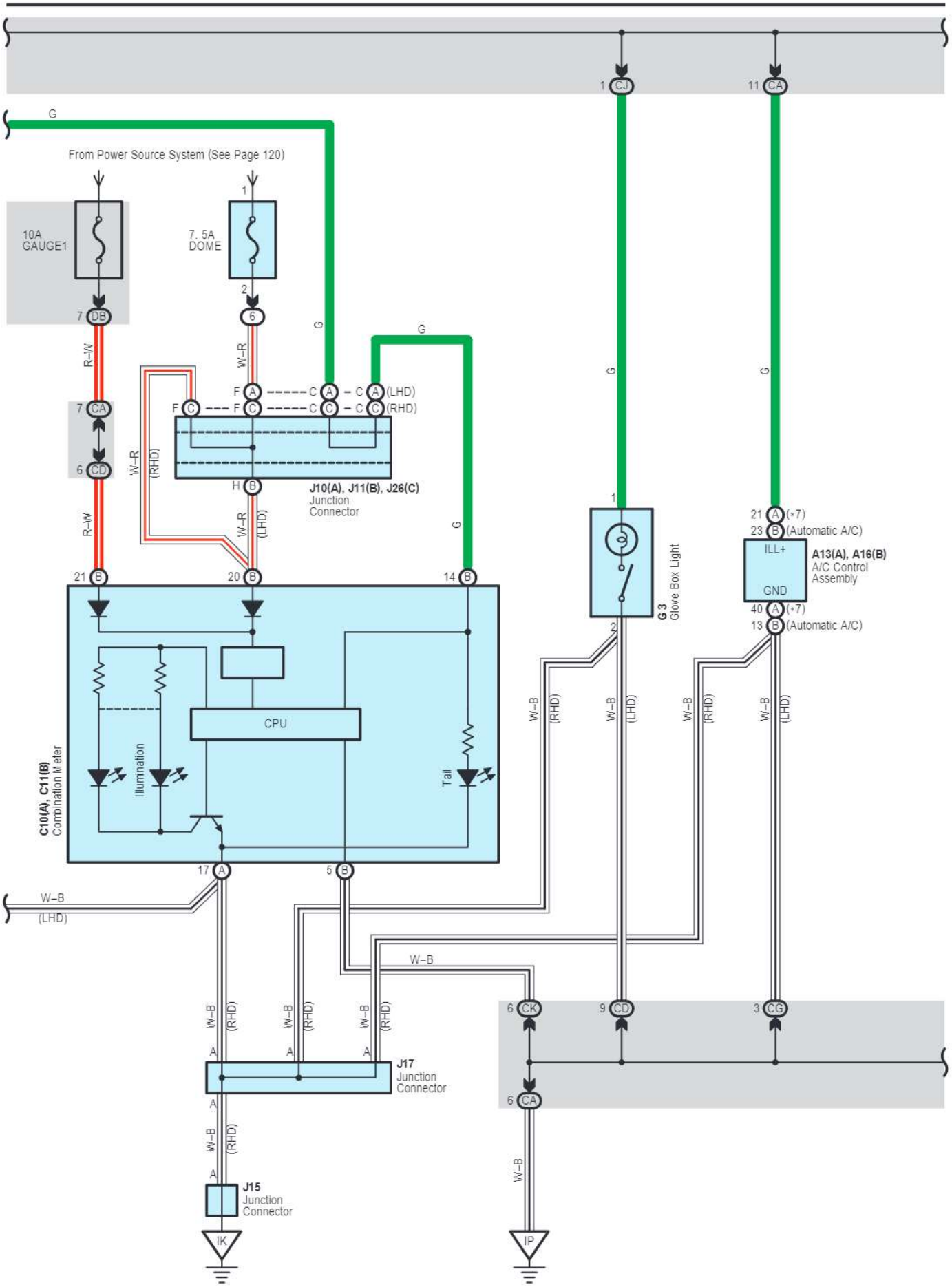
Back–Up Light



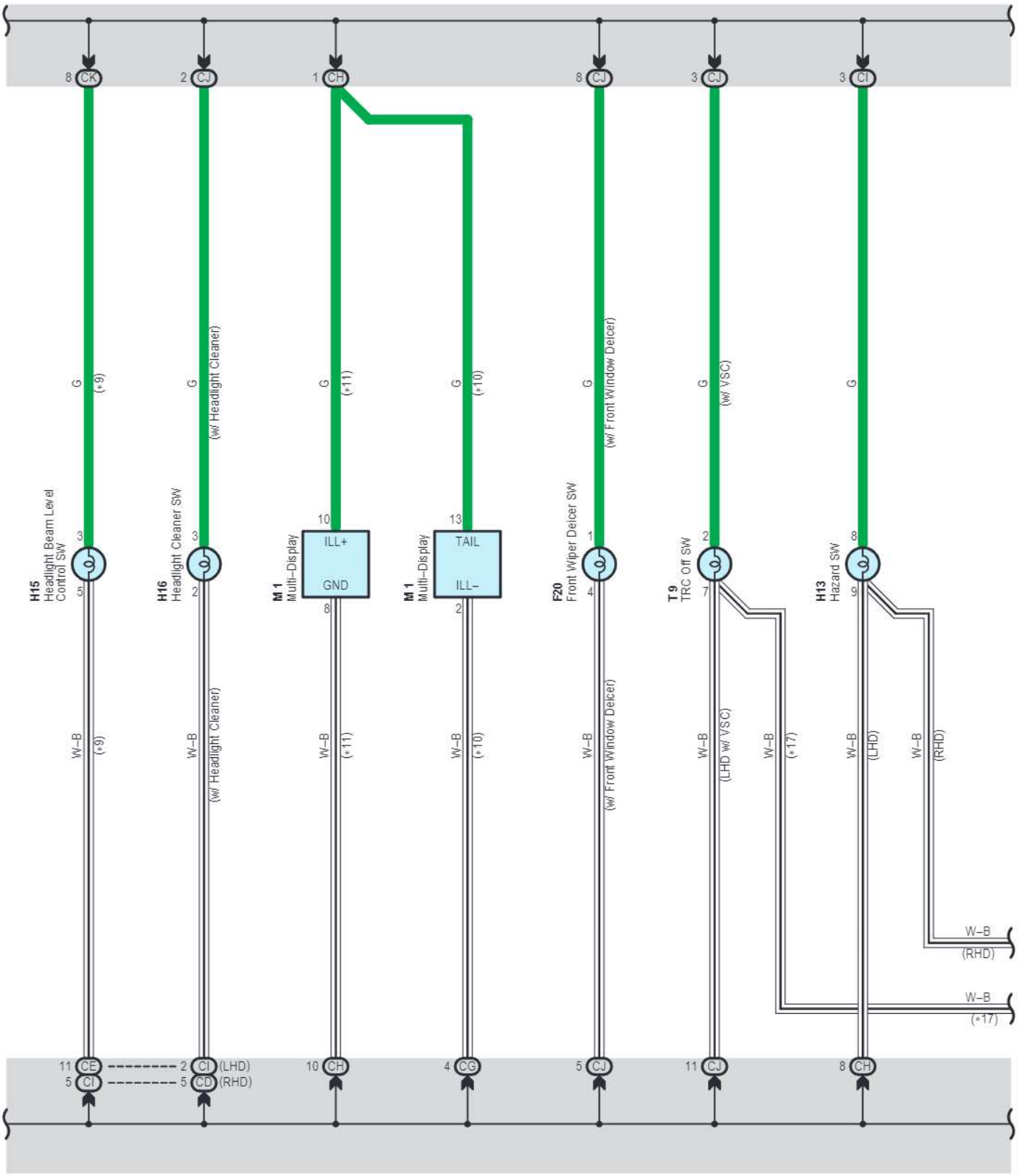
http://vnx.su


* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : w/ Daytime Running Light
* 4 : w/o Daytime Running Light
* 5 : LHD 1CD–FTV, RHD
* 6 : LHD Gasoline
* 7 : Except Automatic A/C
* 8 : 1CD–FTV Power Heater (Hot Gas Type)
5 CA
8 CI
G
3 IC2
J30(A) Junction Connector
G–W
(*3)
(*4)
(*8)
1 DN
19 DB
9 DJ
6 DJ
4 DM
TAIL Relay
7. 5A PANEL
10A TAIL
P5 Power Heater SW
B–L
(*2)
1 ED1
W
3
2
140A ALT
B–G
(*1)
1 4D
120A ALT (1AZ–FSE, 1AZ–FE)
100A ALT (1ZZ–FE, 3ZZ–FE)
1 4B
B
FL MAIN
3. 0W
Battery
TRLY
INTB
TOUT
T
Integration Relay
12
12 DB
23 DA
R
W–B
Light Control SW
OFF
Tail
Head
C12
Combination SW
16
14
J16 Junction Connector
W–B
(LHD)
IL : *5
IO : *6

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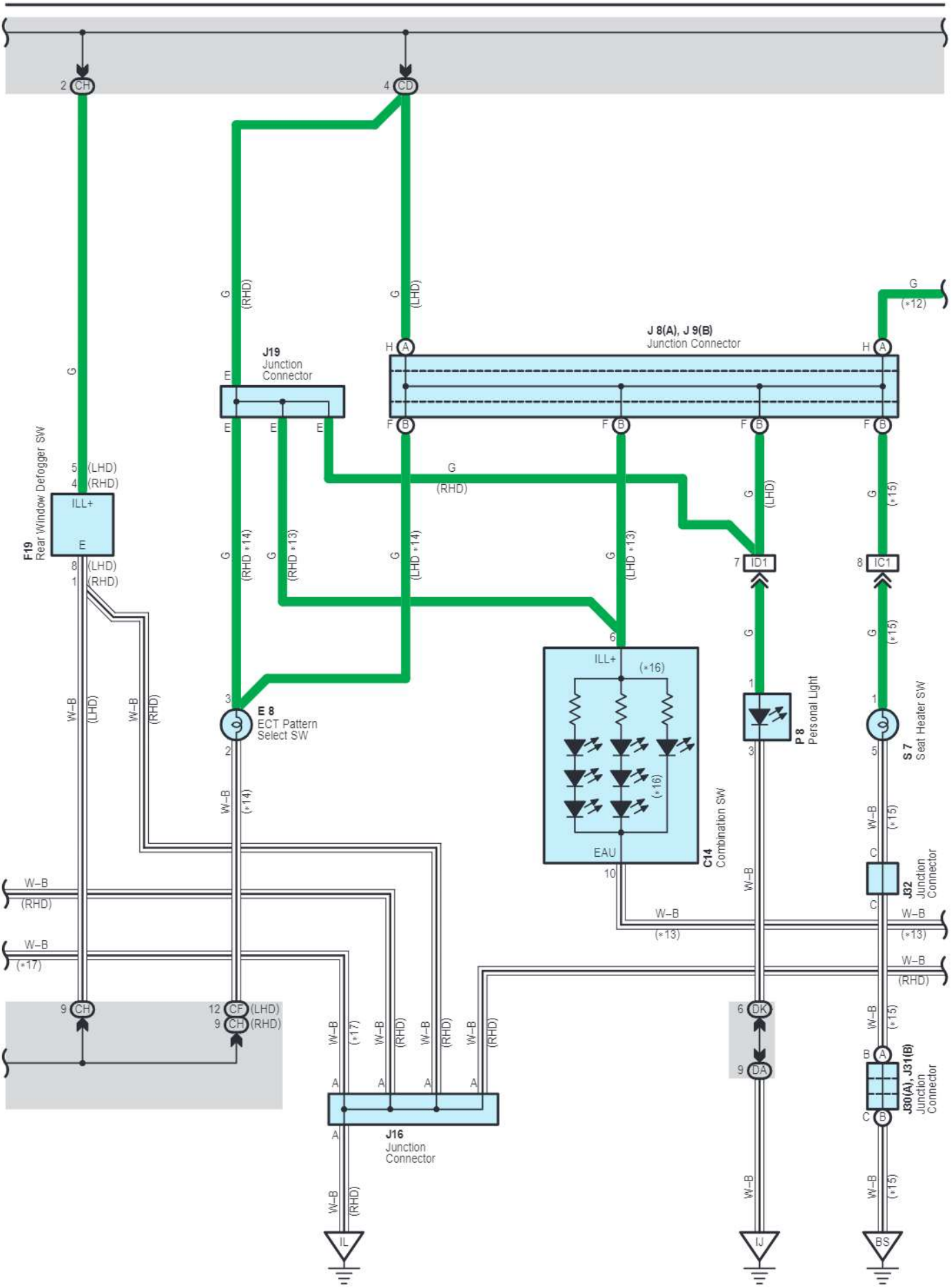

From Power Source System (See Page 120)
10A GAUGE1
7.5A DOME
7 DB
6
7 CA
6 CD
R-W
W-R
W-R (RHD)
W-R (LHD)
F A C (LHD)
F C C (RHD)
H B
J10(A), J11(B), J26(C) Junction Connector
21 B
20 B
14 B
C10(A), C11(B) Combination Meter
CPU
Illumination
Tail
17 A
5 B
W-B (LHD)
W-B (RHD)
1 CJ
11 CA
G
G3 Glove Box Light
21 A (*7)
23 B (Automatic A/C)
ILL+
GND
A13(A), A16(B) A/C Control Assembly
40 A (*7)
13 B (Automatic A/C)
6 CK
9 CD
3 CG
6 CA
J17 Junction Connector
J15 Junction Connector
IK
IP

http://vnx.su

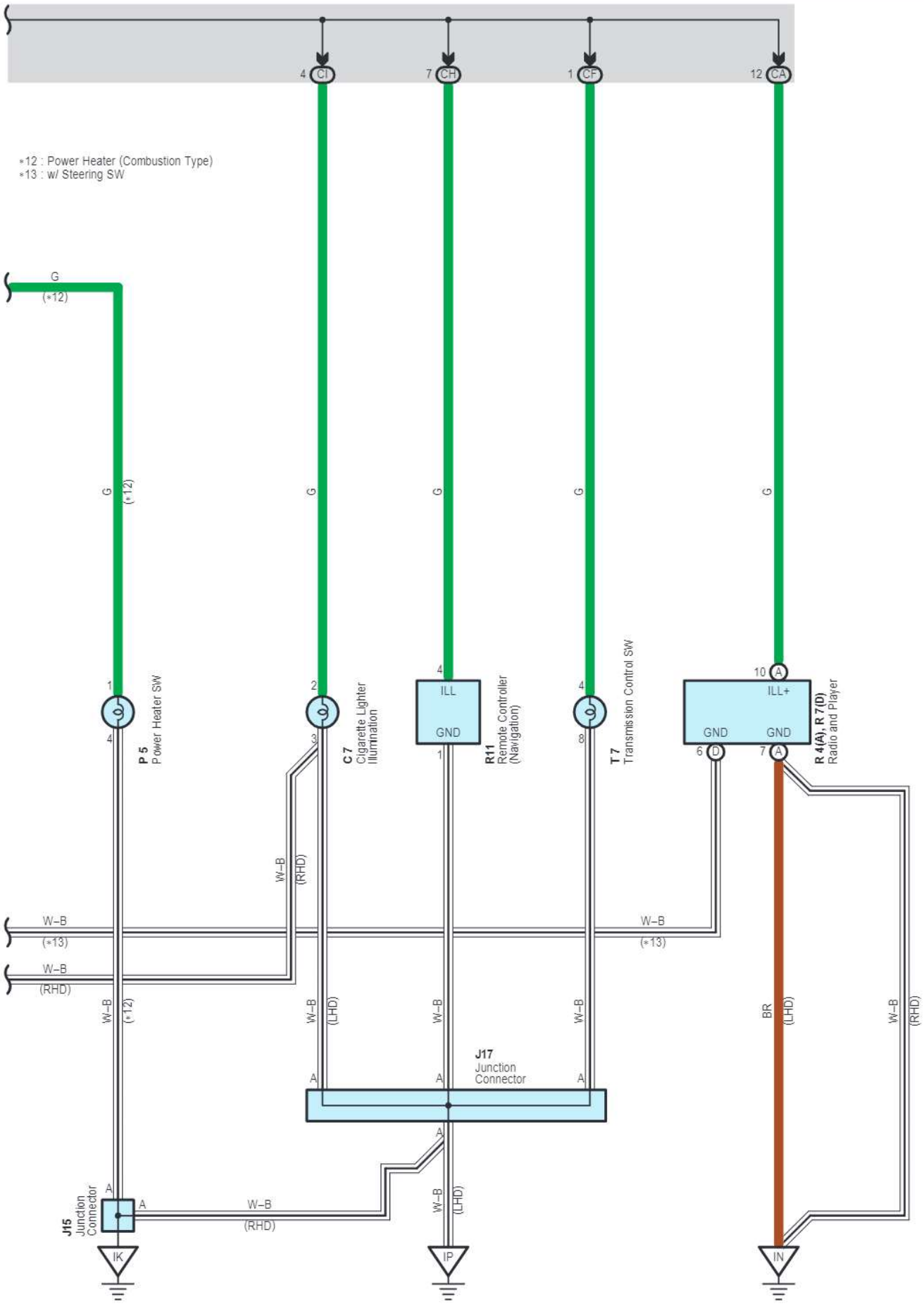


*9 : w/ Headlight Beam Level Control w/o HID
*10 : w/ Navigation System (Map Type)
*11 : w/ Multi–Display w/o Navigation System (Map Type)
*12 : Power Heater (Combustion Type)
*13 : w/ Steering SW
*14 : A/T Except 1AZ–FE
*15 : w/ Seat Heater
*16 : w/ Multi–Display
*17 : RHD w/ VSC

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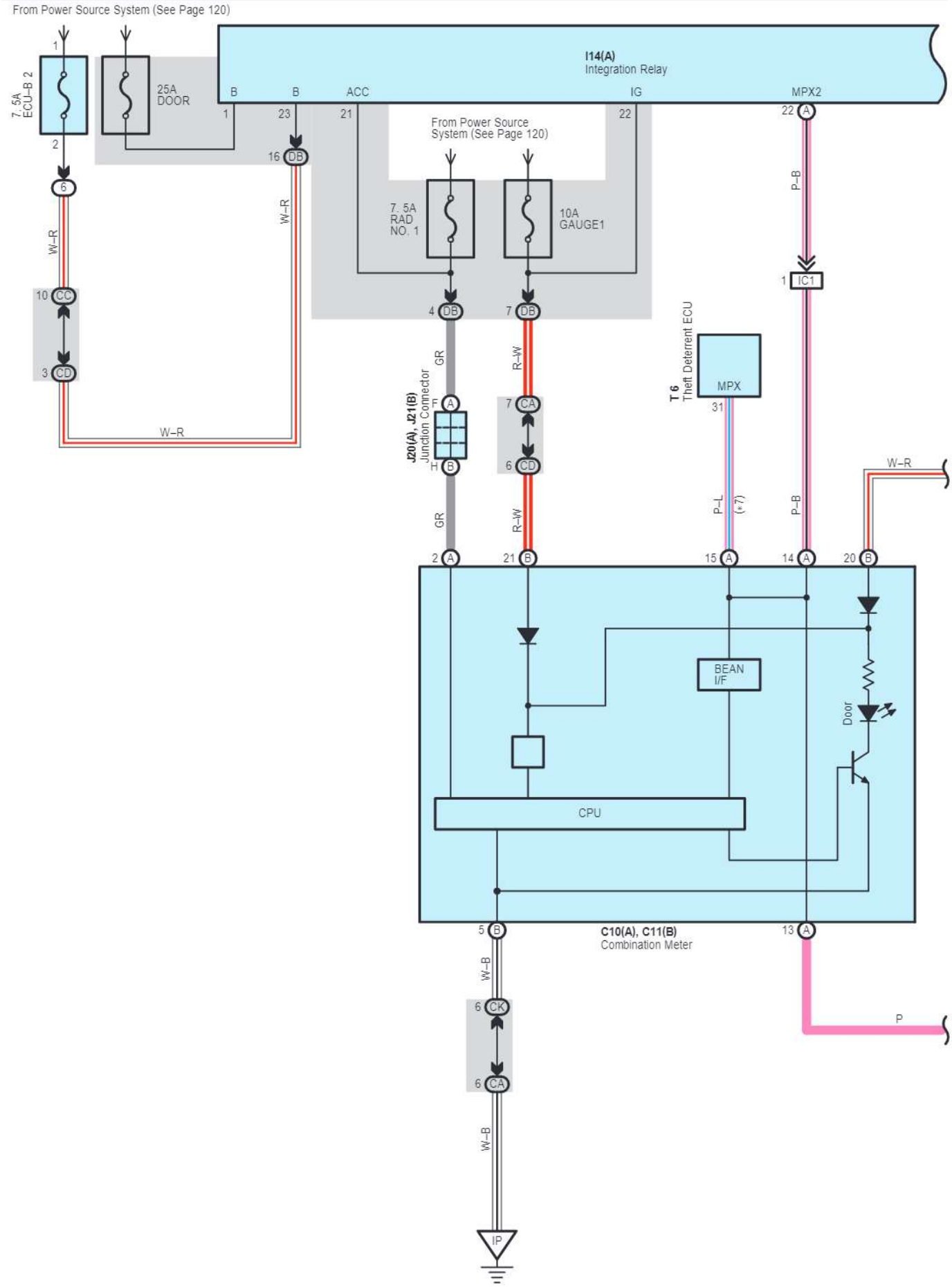

2 CH
4 CD
J19
Junction
Connector
J 8(A), J 9(B)
Junction Connector
F19
Rear Window Defogger SW
ILL+
E
5 (LHD)
4 (RHD)
8 (LHD)
1 (RHD)
E 8
ECT Pattern
Select SW
C14
Combination SW
ILL+
(*16)
EAU
10
6
7 ID1
8 IC1
P 8
Personal Light
S 7
Seat Heater SW
J32
Junction
Connector
J30(A), J31(B)
Junction
Connector
J16
Junction
Connector
9 CH
12 CF (LHD)
9 CH (RHD)
6 DK
9 DA
IL
IJ
BS
G (RHD)
G (LHD)
G (*12)
G (*15)
G (RHD *14)
G (RHD *13)
G (LHD *14)
G (LHD *13)
W–B (LHD)
W–B (RHD)
W–B (*14)
W–B (*13)
W–B (*15)
W–B (*17)
W–B (RHD)

http://vnx.su

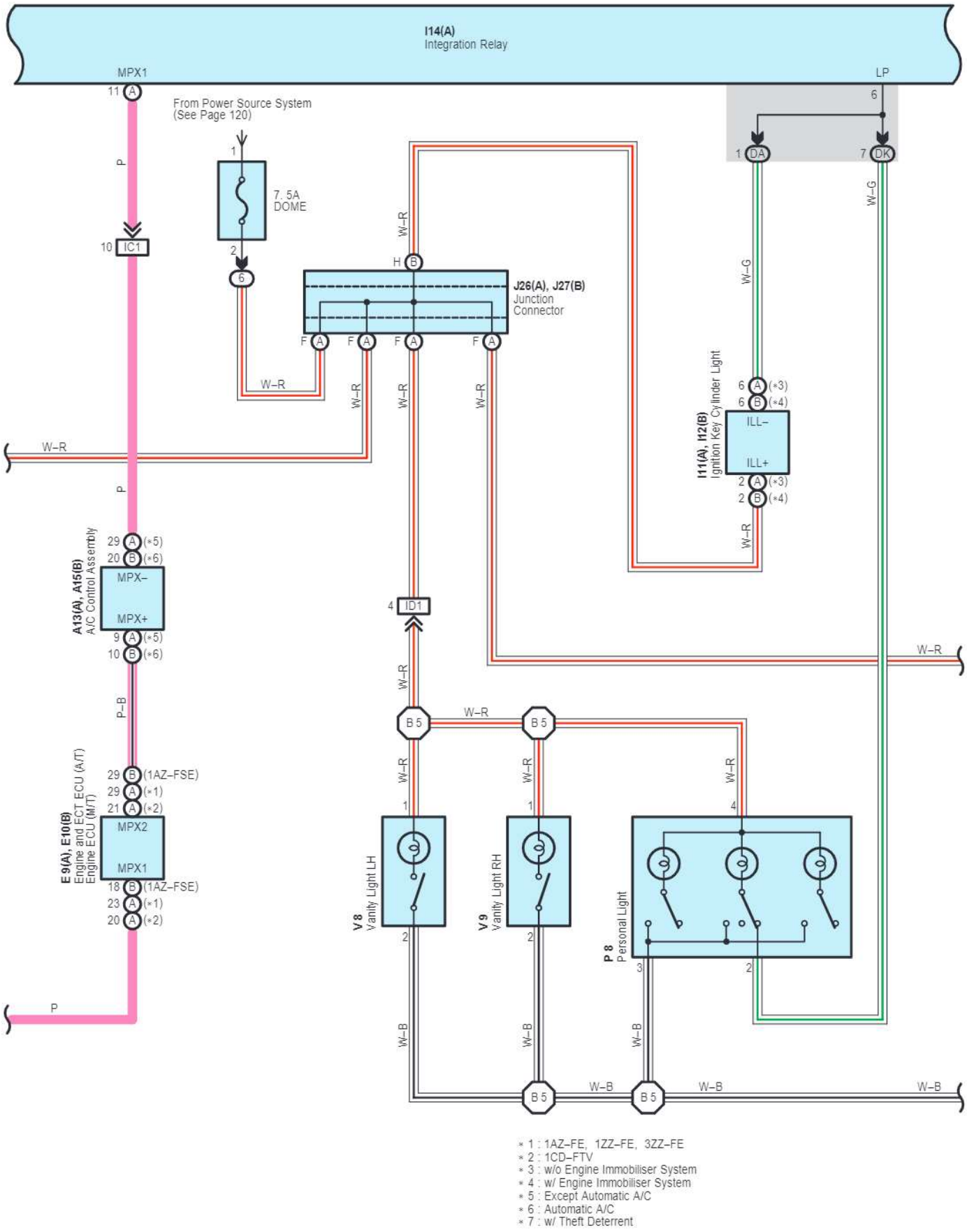

4 CI
7 CH
1 CF
12 CA
*12 : Power Heater (Combustion Type)
*13 : w/ Steering SW
G
(*12)
P 5
Power Heater SW
C 7
Cigarette Lighter Illumination
R11
Remote Controller (Navigation)
T 7
Transmission Control SW
R 4(A), R 7(D)
Radio and Player
ILL
GND
ILL+
W–B
(RHD)
(LHD)
(*13)
BR
J17
Junction Connector
J15
Junction Connector
IK
IP
IN

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Interior Light (RHD)



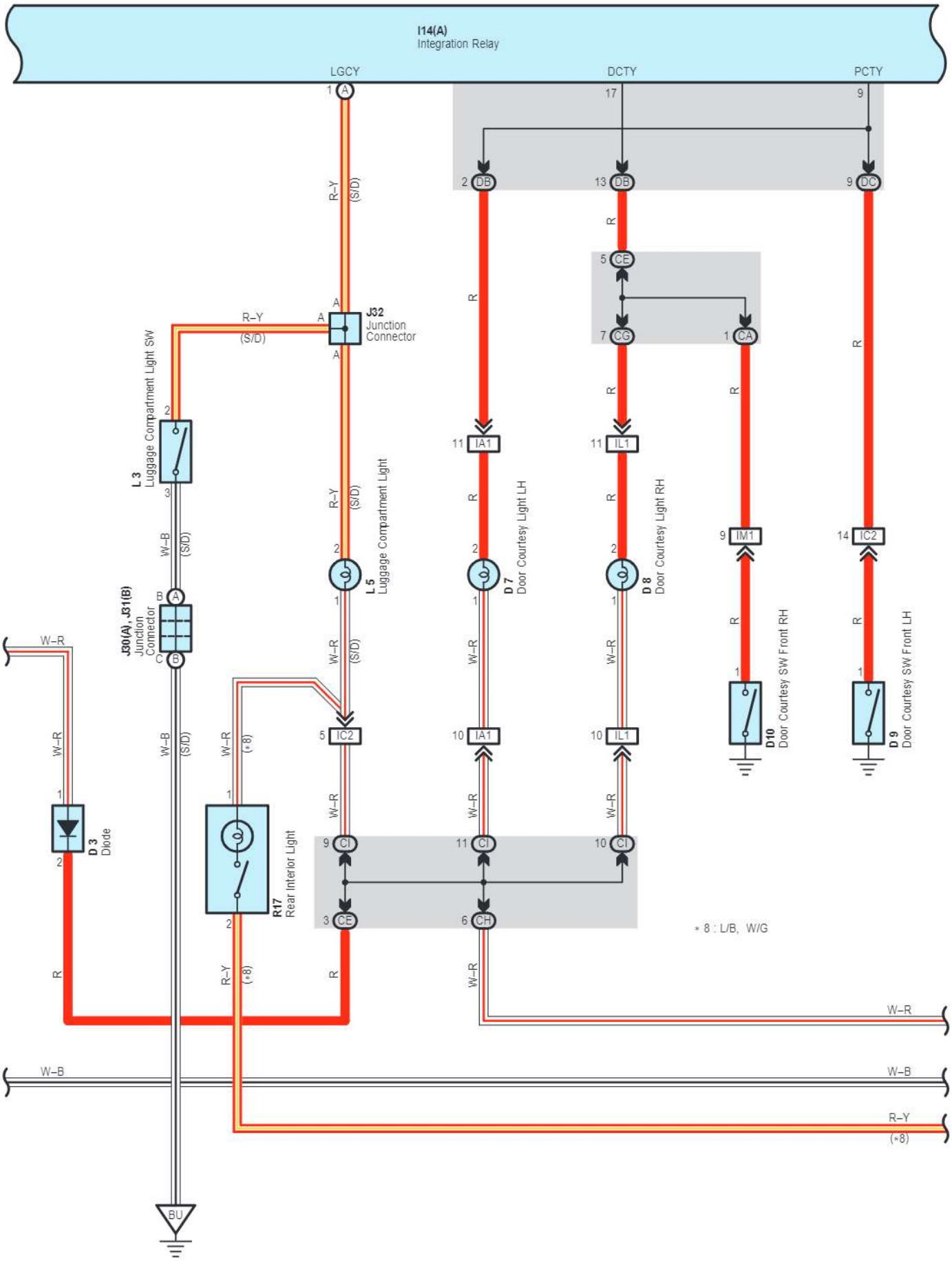
http://vnx.su



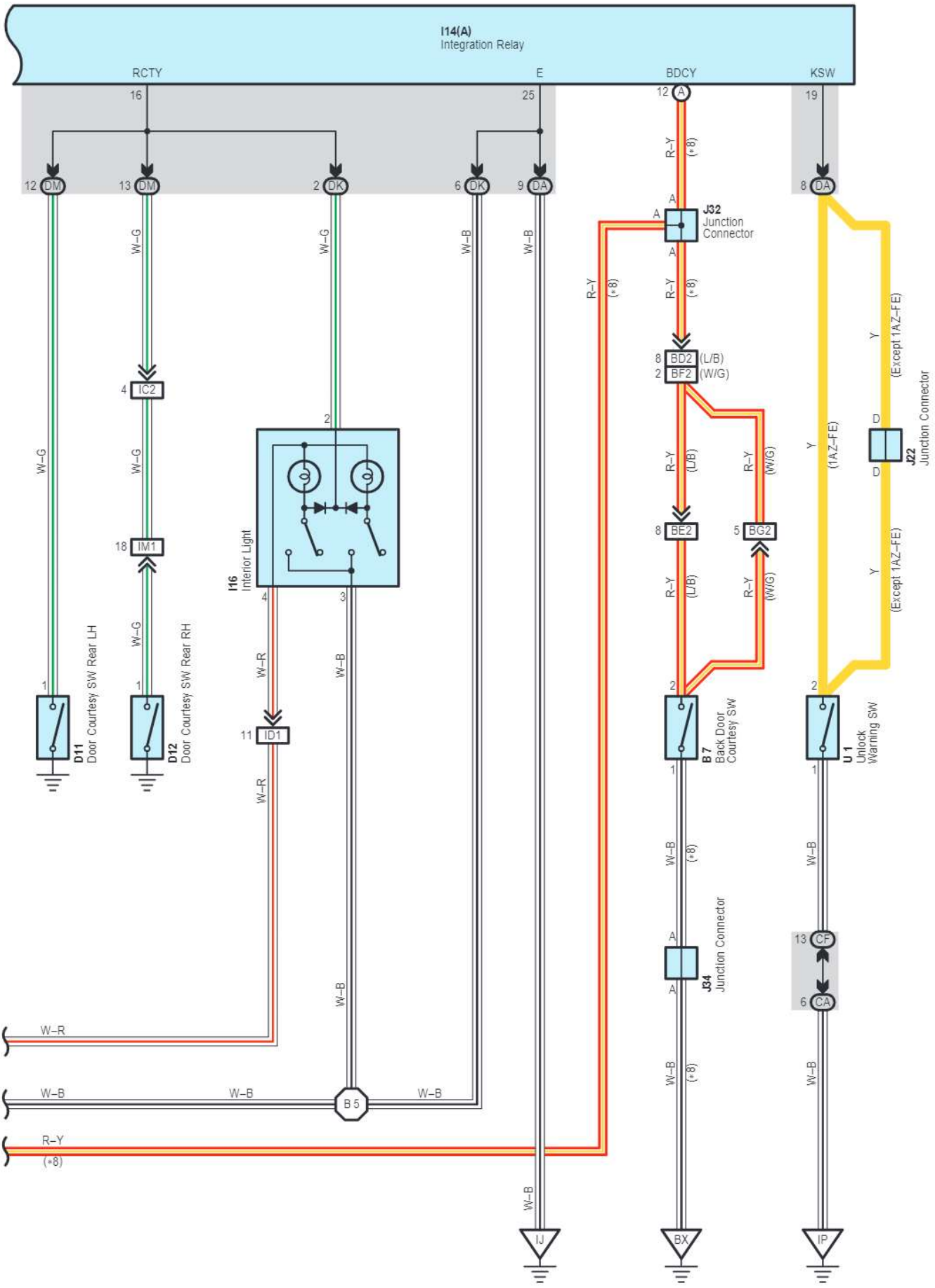
* 1 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 2 : 1CD–FTV
* 3 : w/o Engine Immobiliser System
* 4 : w/ Engine Immobiliser System
* 5 : Except Automatic A/C
* 6 : Automatic A/C
* 7 : w/ Theft Deterrent

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Interior Light (RHD)

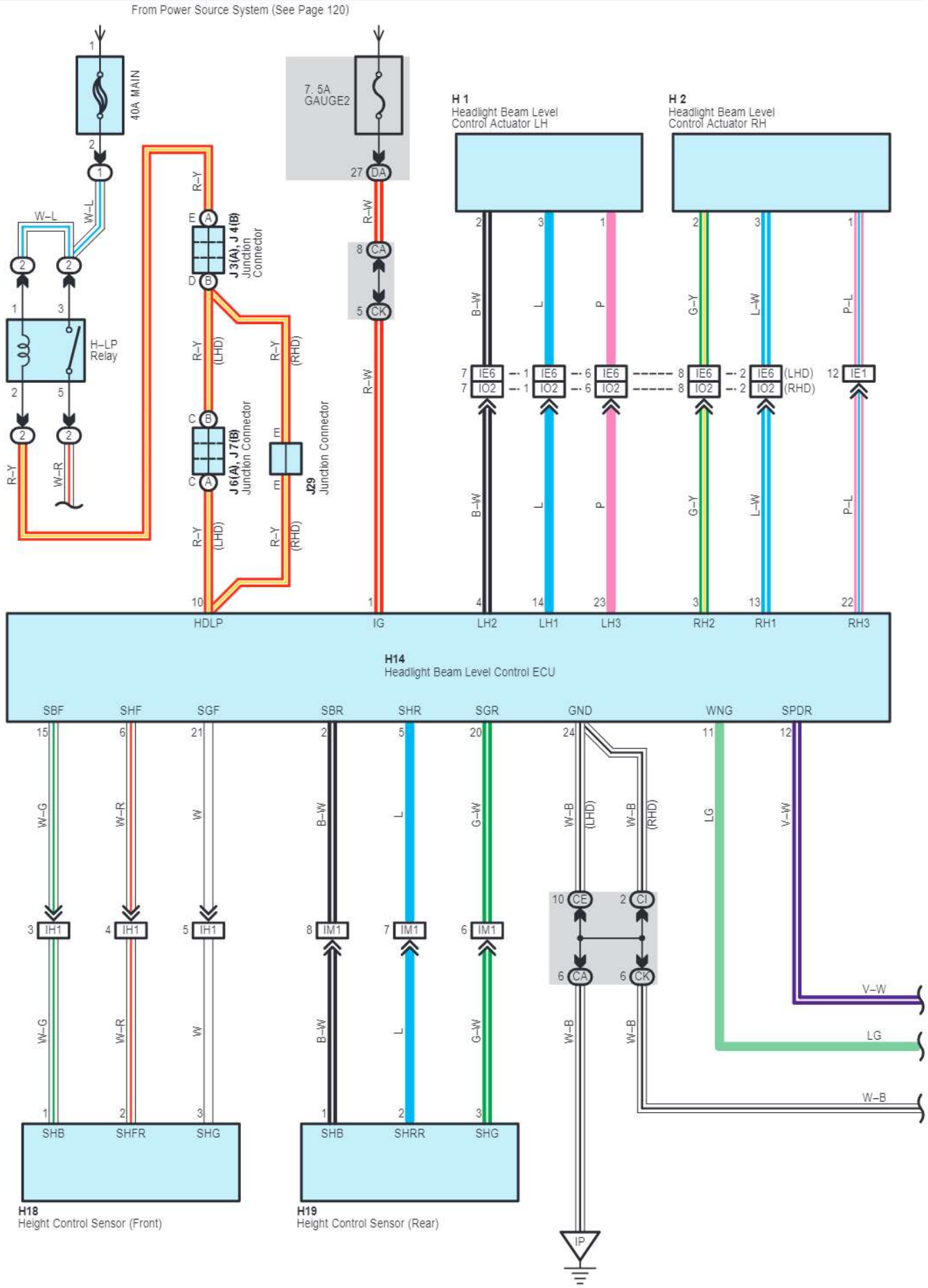


http://vnx.su

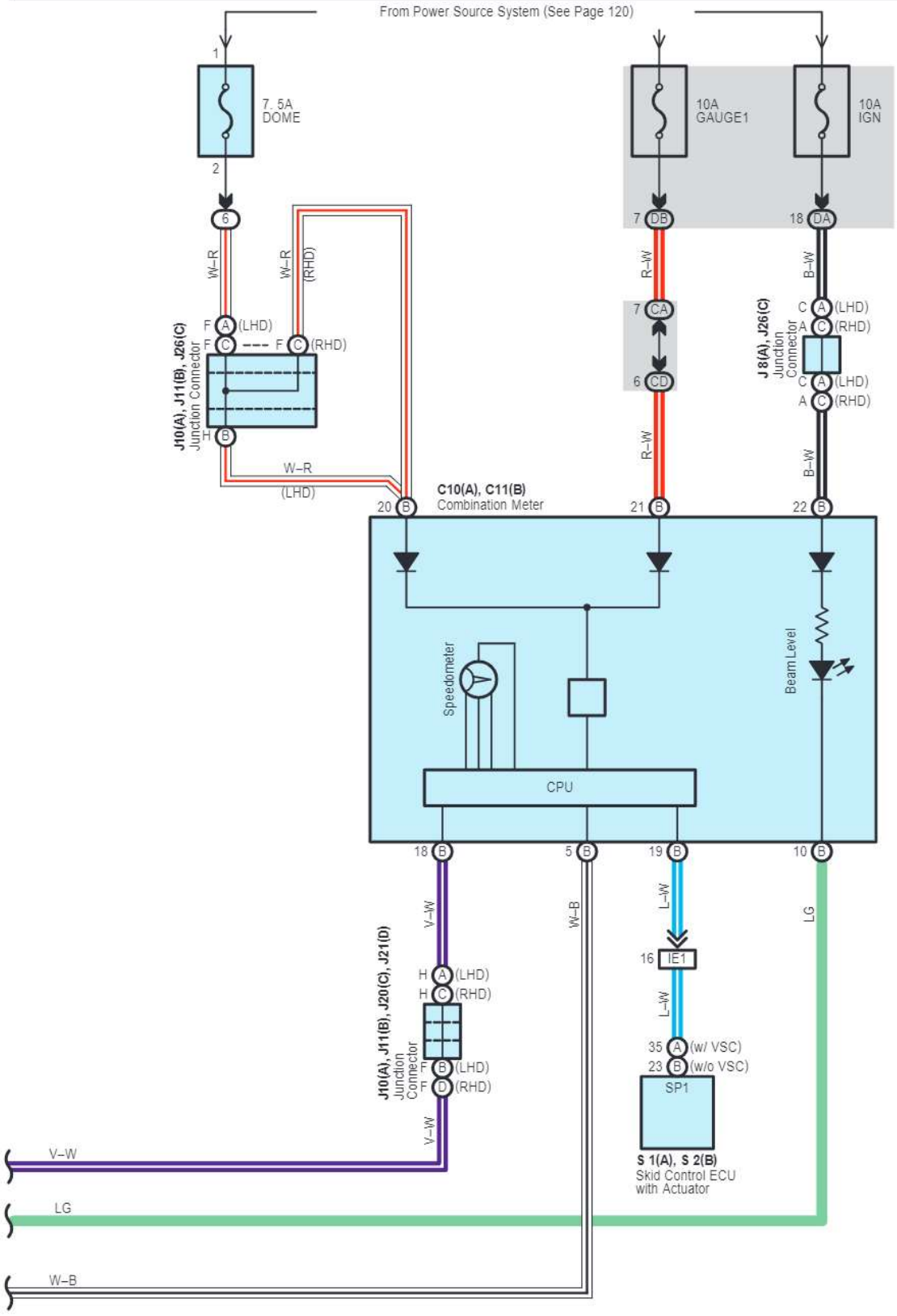

I14(A)
Integration Relay
RCTY
E
BDCY
KSW
16
25
12 A
19
12 DM
13 DM
2 DK
6 DK
9 DA
8 DA
R–Y (*8)
A
J32
Junction Connector
A
R–Y (*8)
R–Y (*8)
8 BD2 (L/B)
2 BF2 (W/G)
W–G
W–G
W–G
W–G
W–B
W–B
4 IC2
18 IM1
2
I16
Interior Light
4
3
W–R
W–B
11 ID1
W–R
W–B
R–Y (L/B)
R–Y (W/G)
8 BE2
5 BG2
R–Y (L/B)
R–Y (W/G)
Y (1AZ–FE)
Y (Except 1AZ–FE)
D
D
J22
Junction Connector
Y (1AZ–FE)
Y (Except 1AZ–FE)
1
1
D11
Door Courtesy SW Rear LH
D12
Door Courtesy SW Rear RH
2
B7
Back Door
Courtesy SW
2
U1
Unlock
Warning SW
1
1
W–B (*8)
W–B (*8)
13 CF
6 CA
A
A
J34
Junction Connector
W–B (*8)
W–B
W–R
W–B
W–B
B5
W–B
R–Y
(*8)
W–B
IJ
BX
IP

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Headlight Beam Level Control (w/ HID)

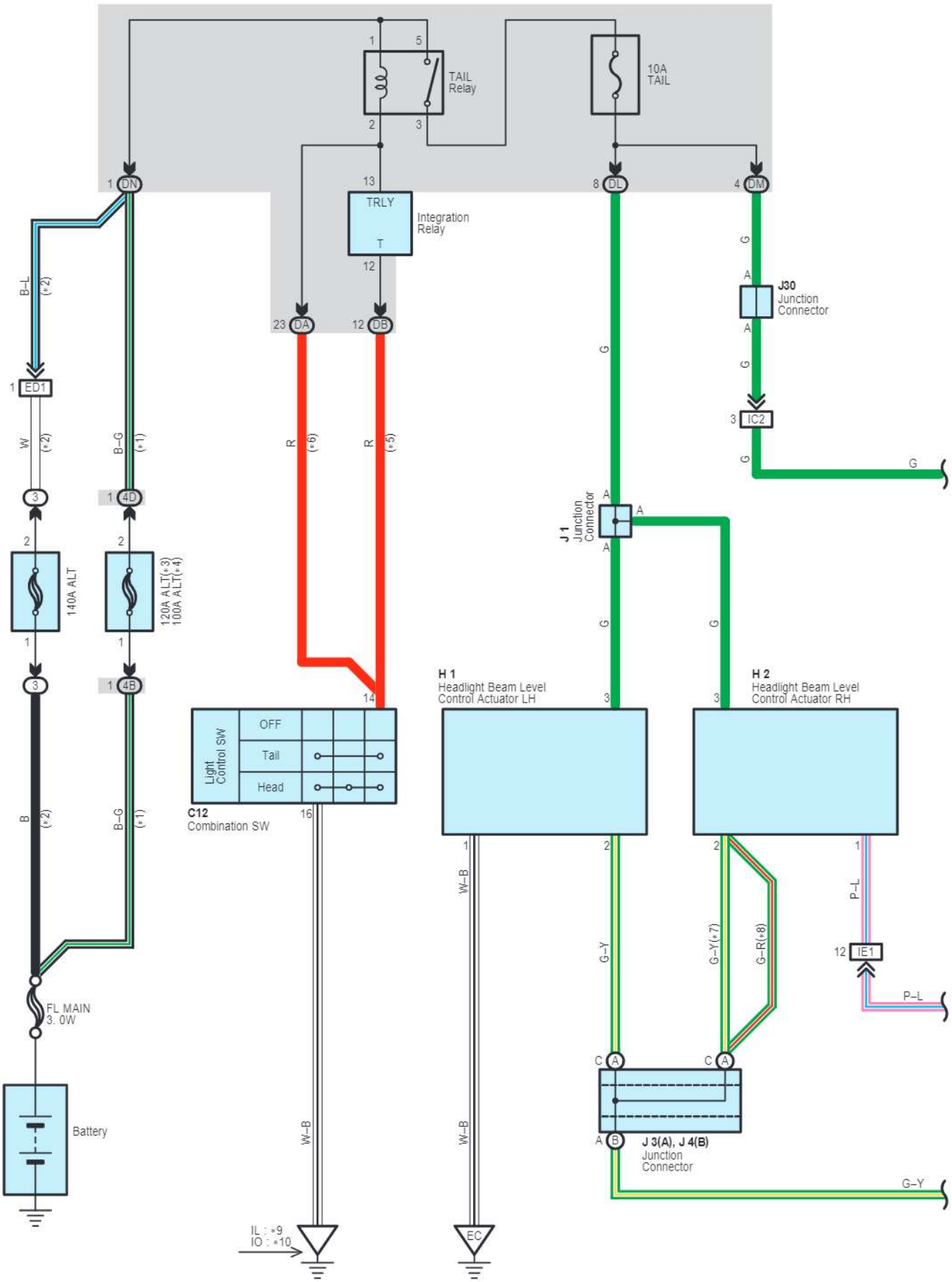


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From Power Source System (See Page 120)
1
7.5A
DOME
2
10A
GAUGE1
10A
IGN
6
7 DB
18 DA
W–R
W–R
(RHD)
R–W
B–W
7 CA
6 CD
J10(A), J11(B), J26(C)
Junction Connector
F A (LHD)
F C (RHD)
H B
J8(A), J26(C)
Junction Connector
C A (LHD)
A C (RHD)
W–R
(LHD)
C10(A), C11(B)
Combination Meter
20 B
21 B
22 B
Speedometer
CPU
Beam Level
18 B
5 B
19 B
10 B
V–W
W–B
L–W
LG
16 IE1
J10(A), J11(B), J20(C), J21(D)
Junction Connector
H A (LHD)
H C (RHD)
F B (LHD)
F D (RHD)
35 A (w/ VSC)
23 B (w/o VSC)
SP1
S 1(A), S 2(B)
Skid Control ECU
with Actuator
V–W
LG
W–B

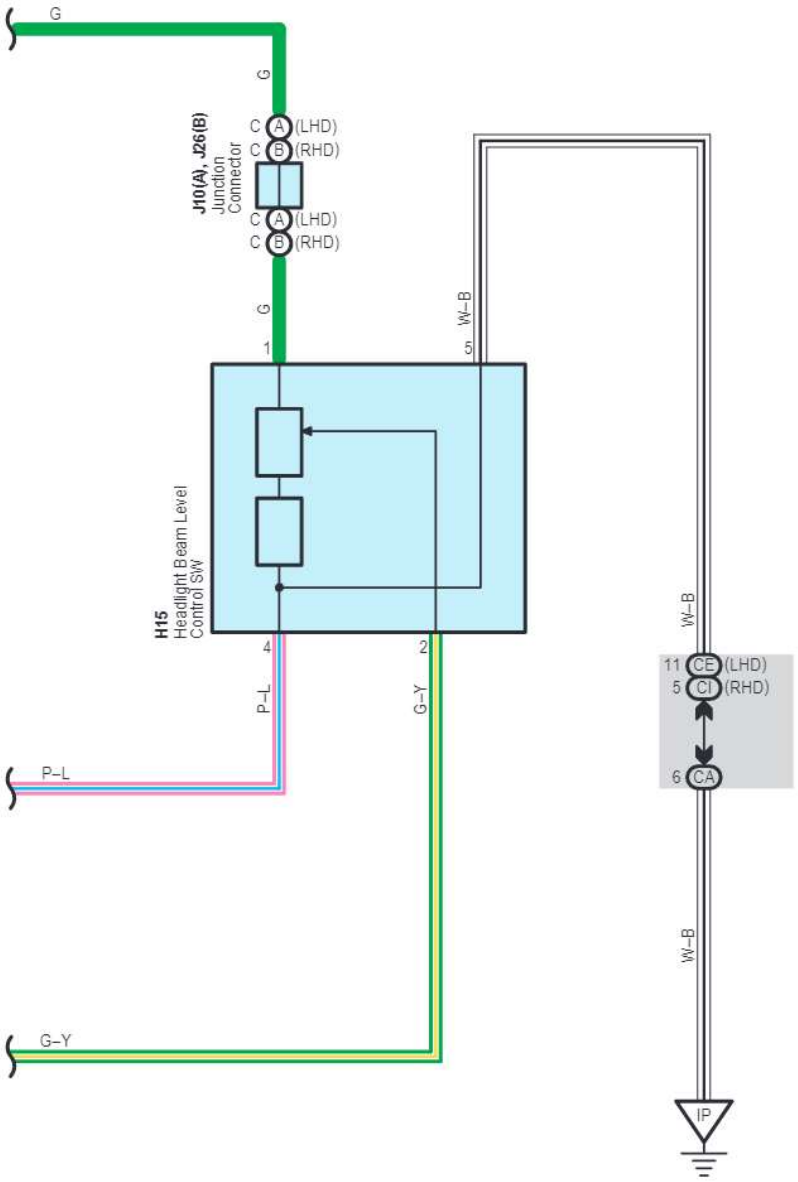
http://vnx.su

Headlight Beam Level Control (w/o HID)



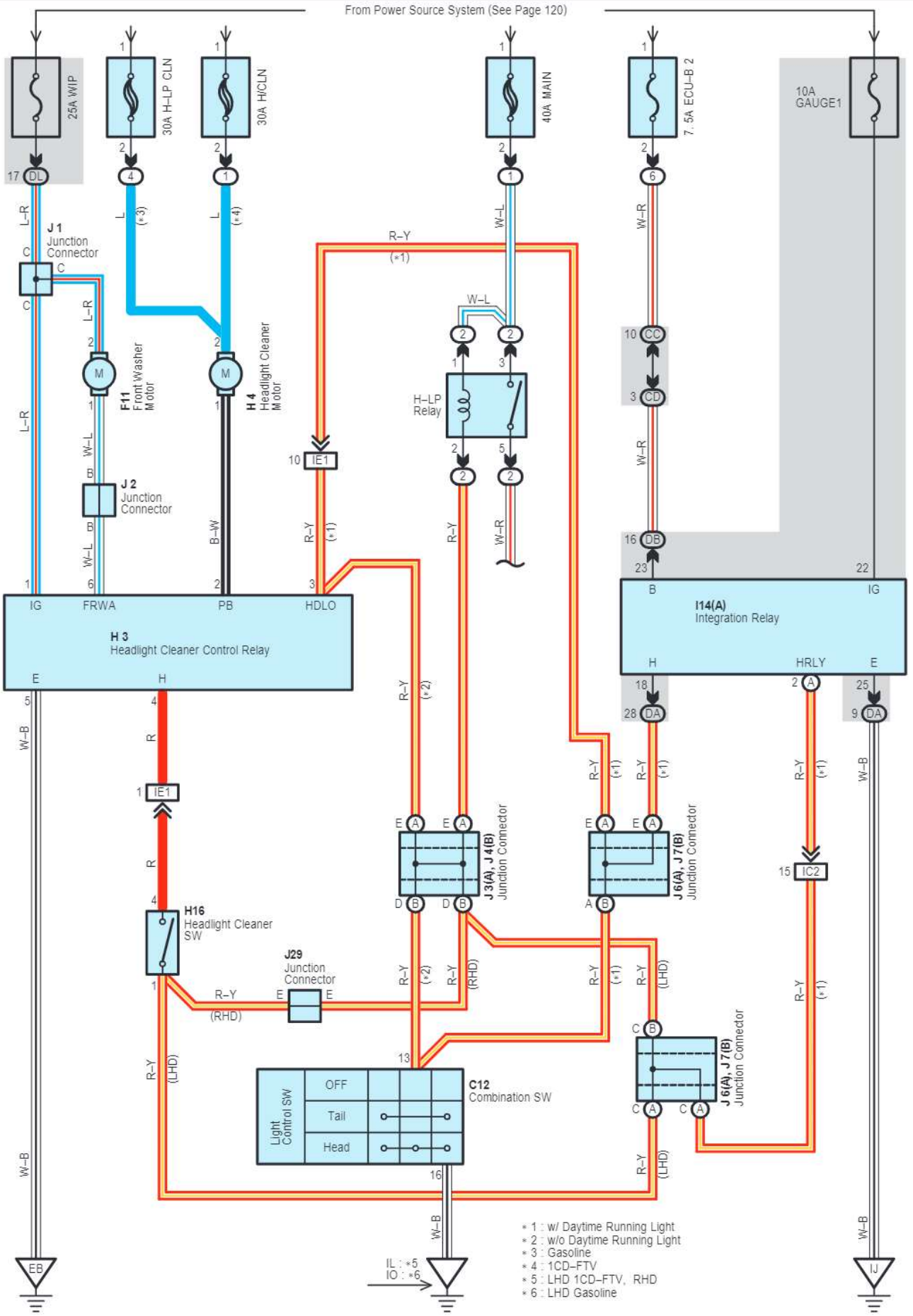
http://vnx.su

* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : 1AZ–FSE, 1AZ–FE
* 4 : 1ZZ–FE, 3ZZ–FE
* 5 : w/ Daytime Running Light
* 6 : w/o Daytime Running Light
* 7 : Except RHD 1CD–FTV
* 8 : RHD 1CD–FTV
* 9 : LHD 1CD–FTV, RHD
*10 : LHD Gasoline



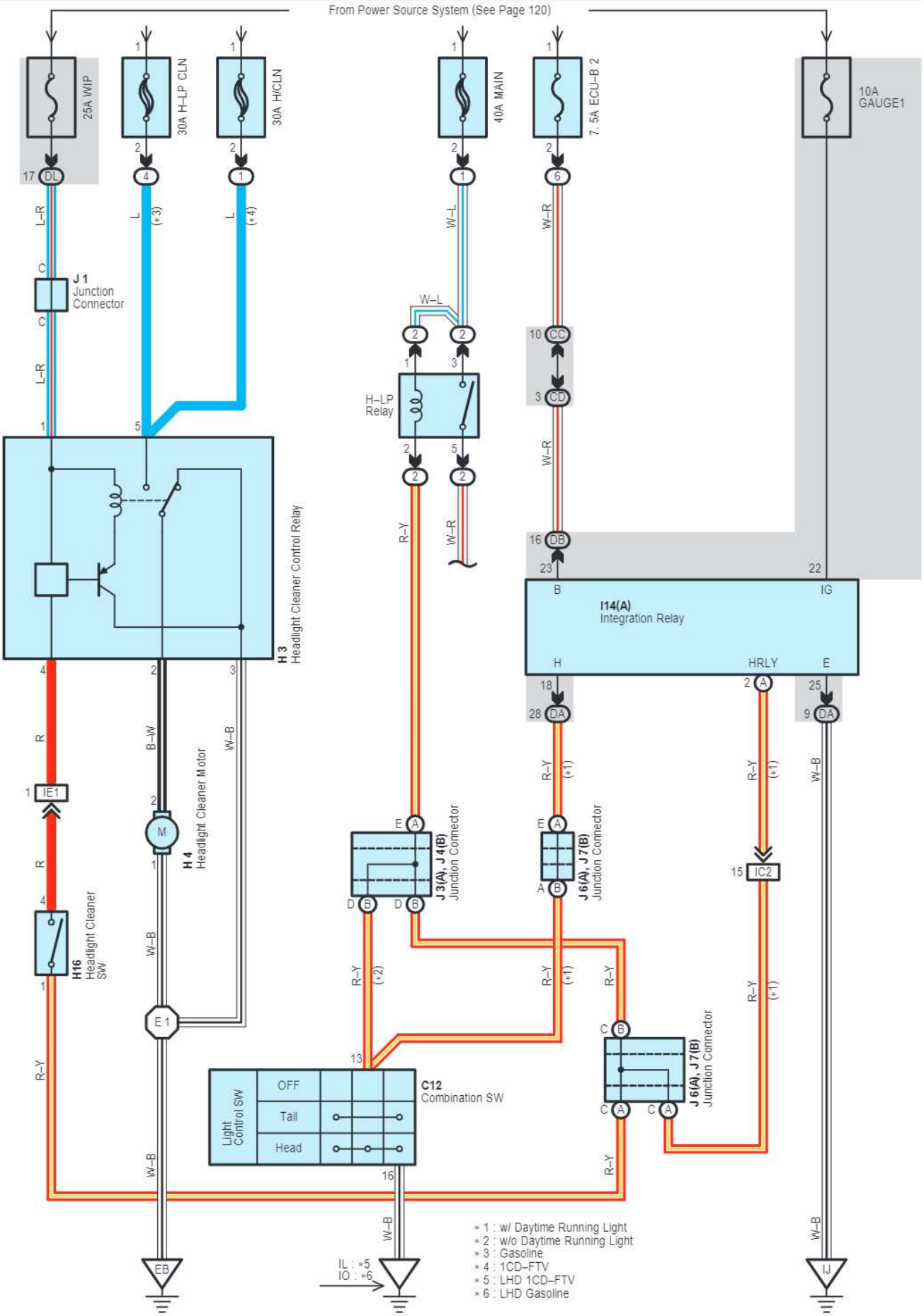
http://vnx.su

Headlight Cleaner (w/ HID)



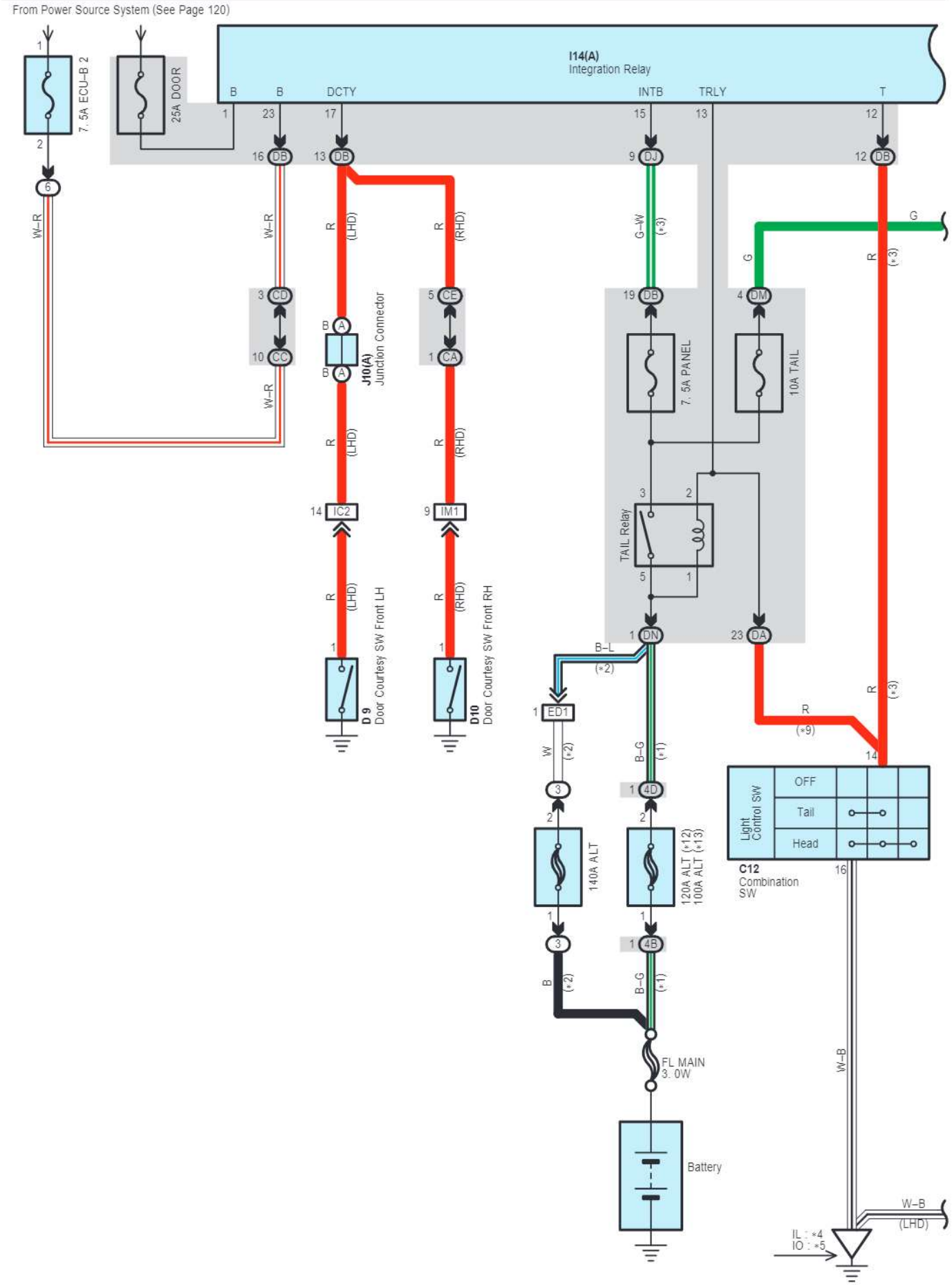
http://vnx.su

Headlight Cleaner (w/o HID)

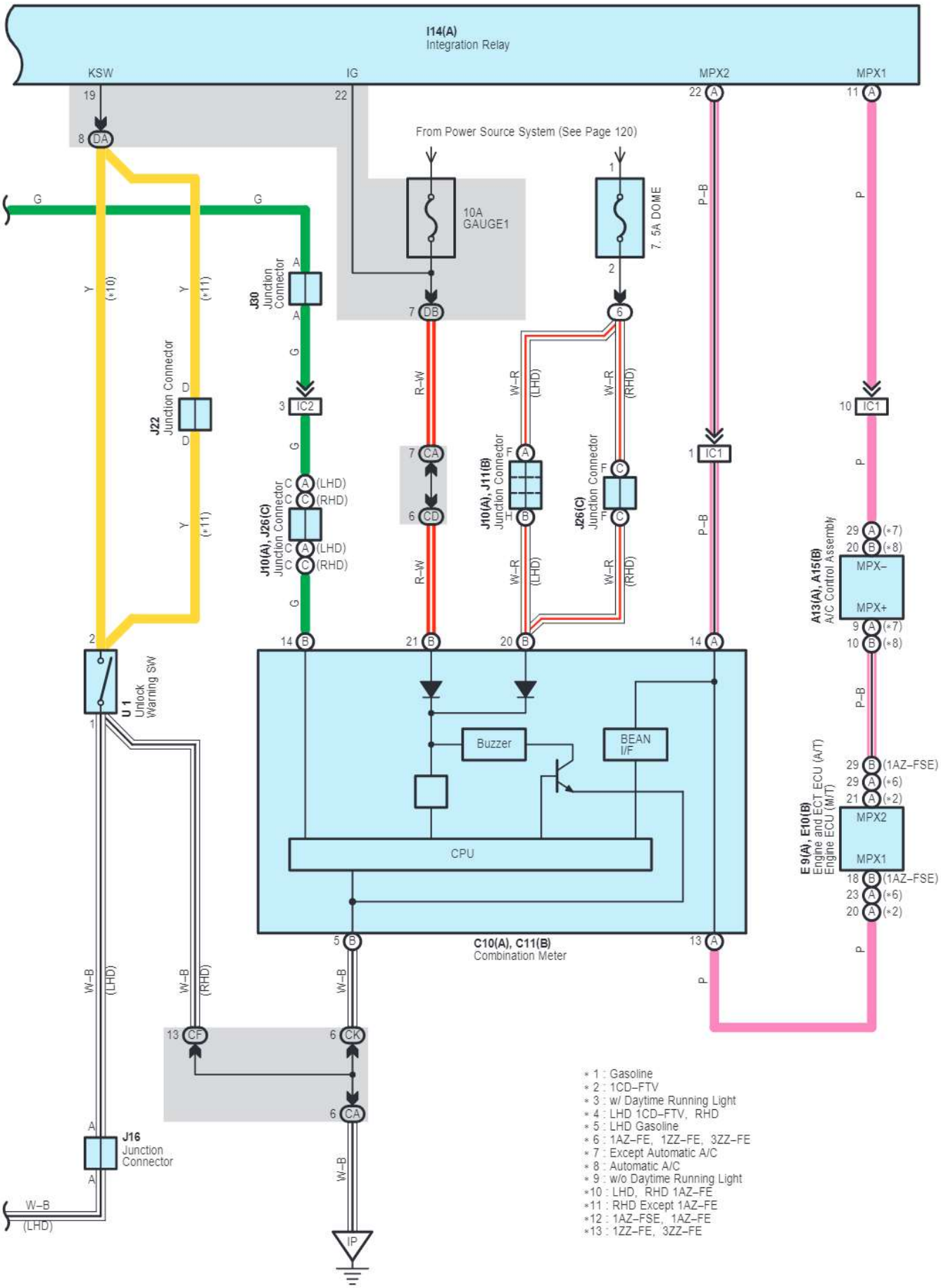


http://vnx.su

Key Reminder and Light Reminder

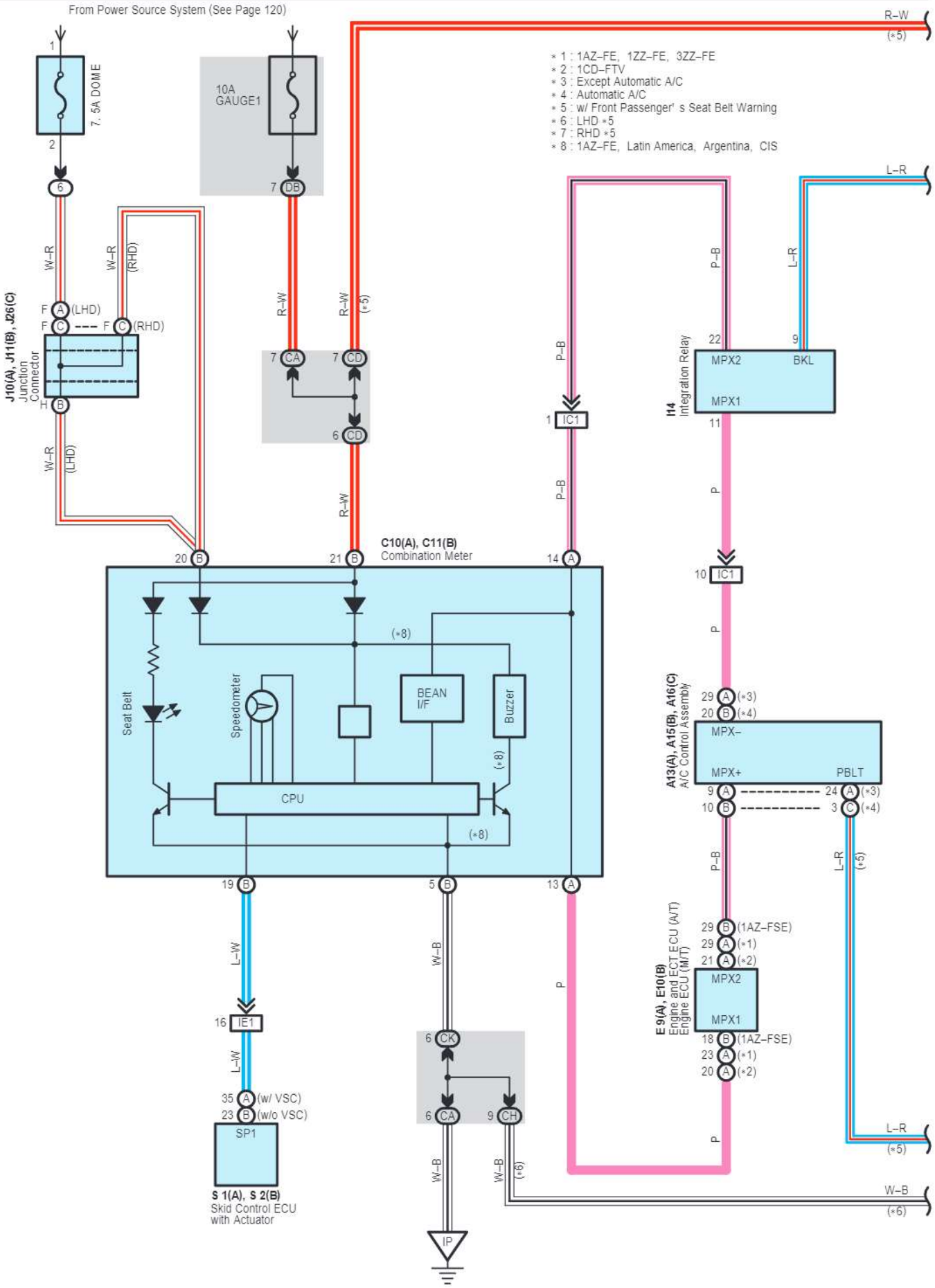


http://vnx.su

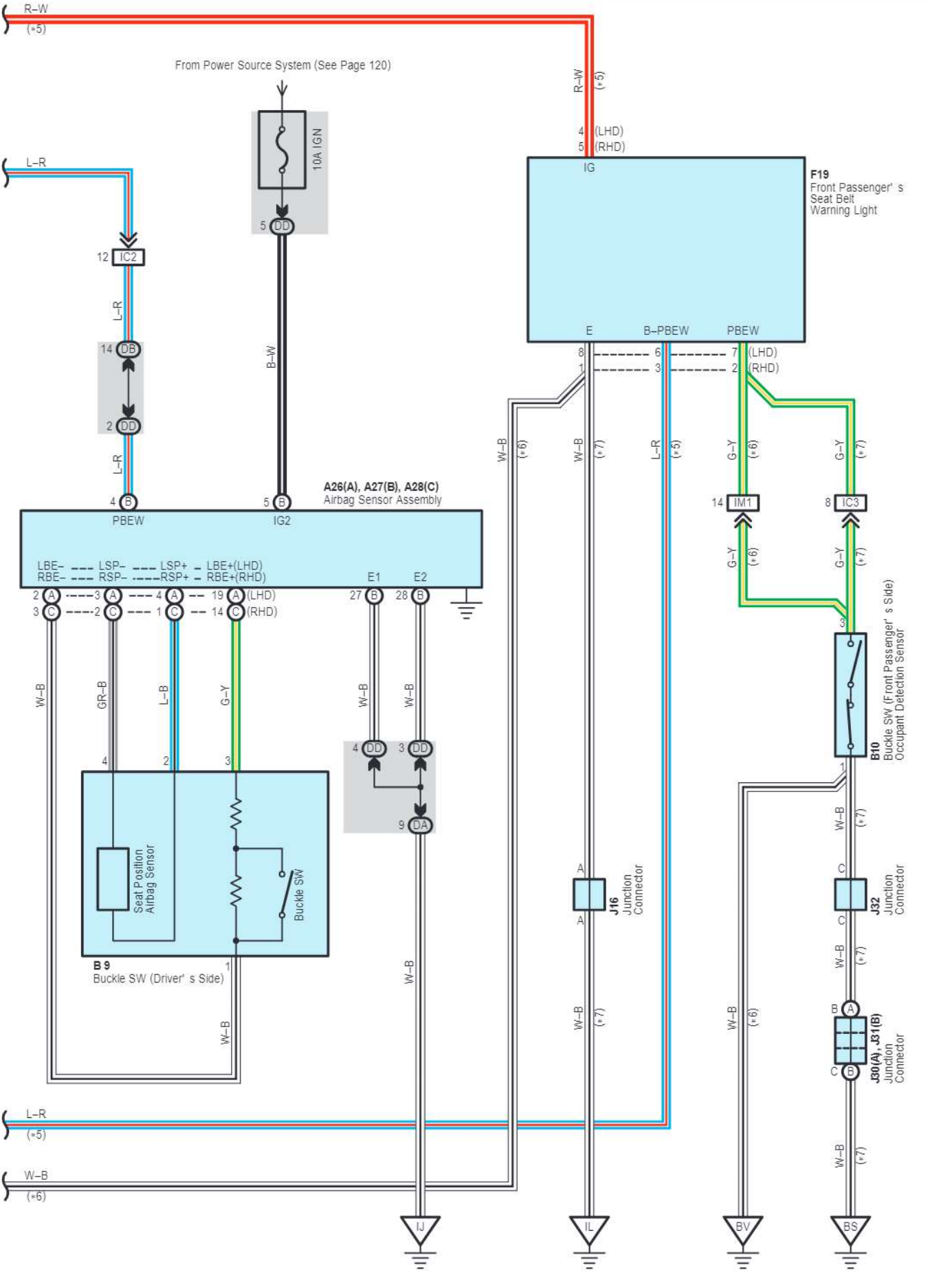

I14(A)
Integration Relay
KSW
IG
MPX2
MPX1
From Power Source System (See Page 120)
10A
GAUGE1
7. 5A DOME
J30
Junction
Connector
J22
Junction Connector
J10(A), J26(C)
Junction Connector
J10(A), J11(B)
Junction Connector
J26(C)
Junction Connector
U1
Unlock
Warning SW
J16
Junction
Connector
IC1
IC2
Buzzer
BEAN
I/F
CPU
C10(A), C11(B)
Combination Meter
A13(A), A15(B)
A/C Control Assembly
MPX–
MPX+
E9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
MPX2
MPX1
IP
(LHD)
(RHD)
(1AZ–FSE)
(*6)
(*2)
(*7)
(*8)
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : w/ Daytime Running Light
* 4 : LHD 1CD–FTV, RHD
* 5 : LHD Gasoline
* 6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 7 : Except Automatic A/C
* 8 : Automatic A/C
* 9 : w/o Daytime Running Light
*10 : LHD, RHD 1AZ–FE
*11 : RHD Except 1AZ–FE
*12 : 1AZ–FSE, 1AZ–FE
*13 : 1ZZ–FE, 3ZZ–FE

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Seat Belt Warning

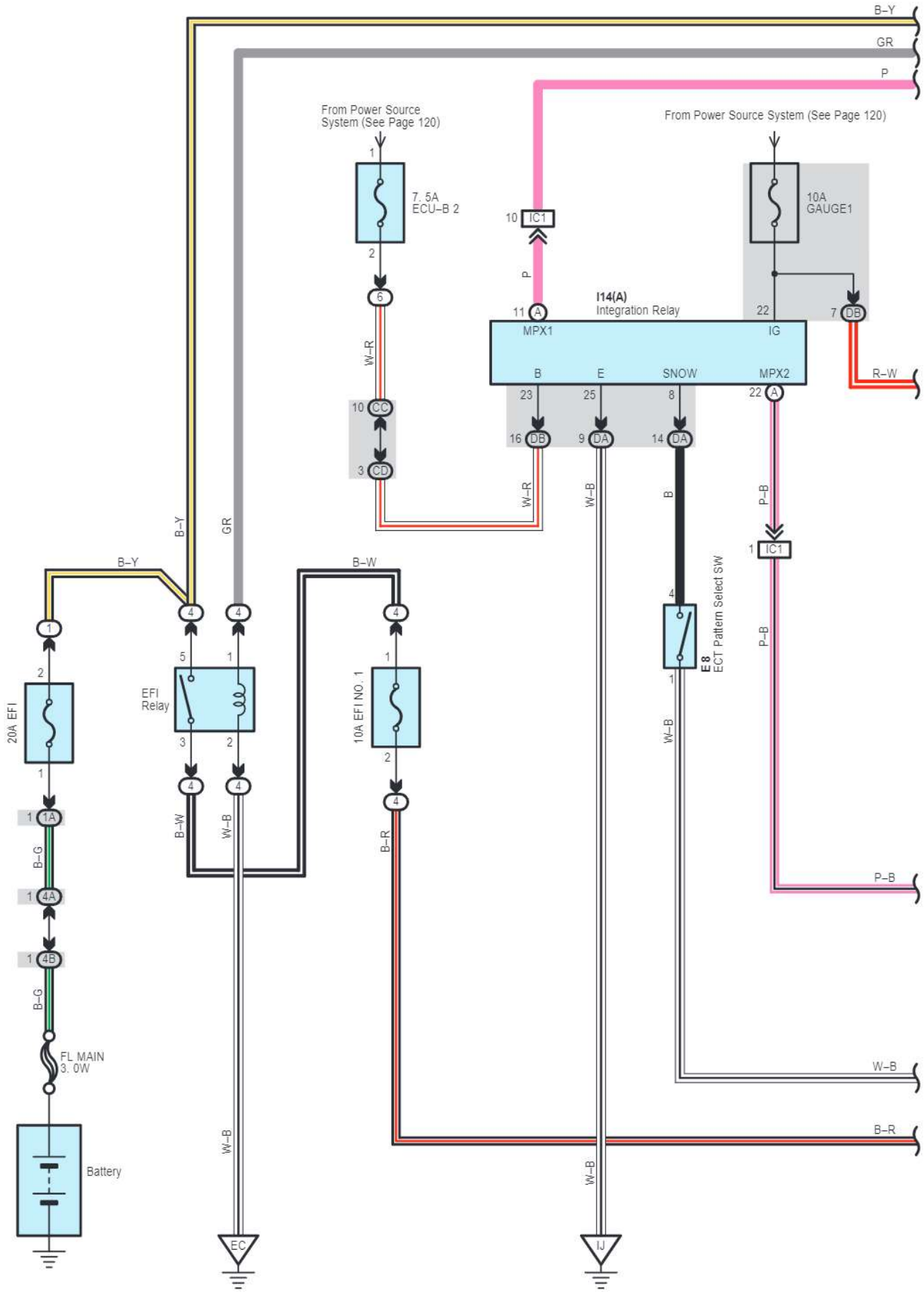


http://vnx.su

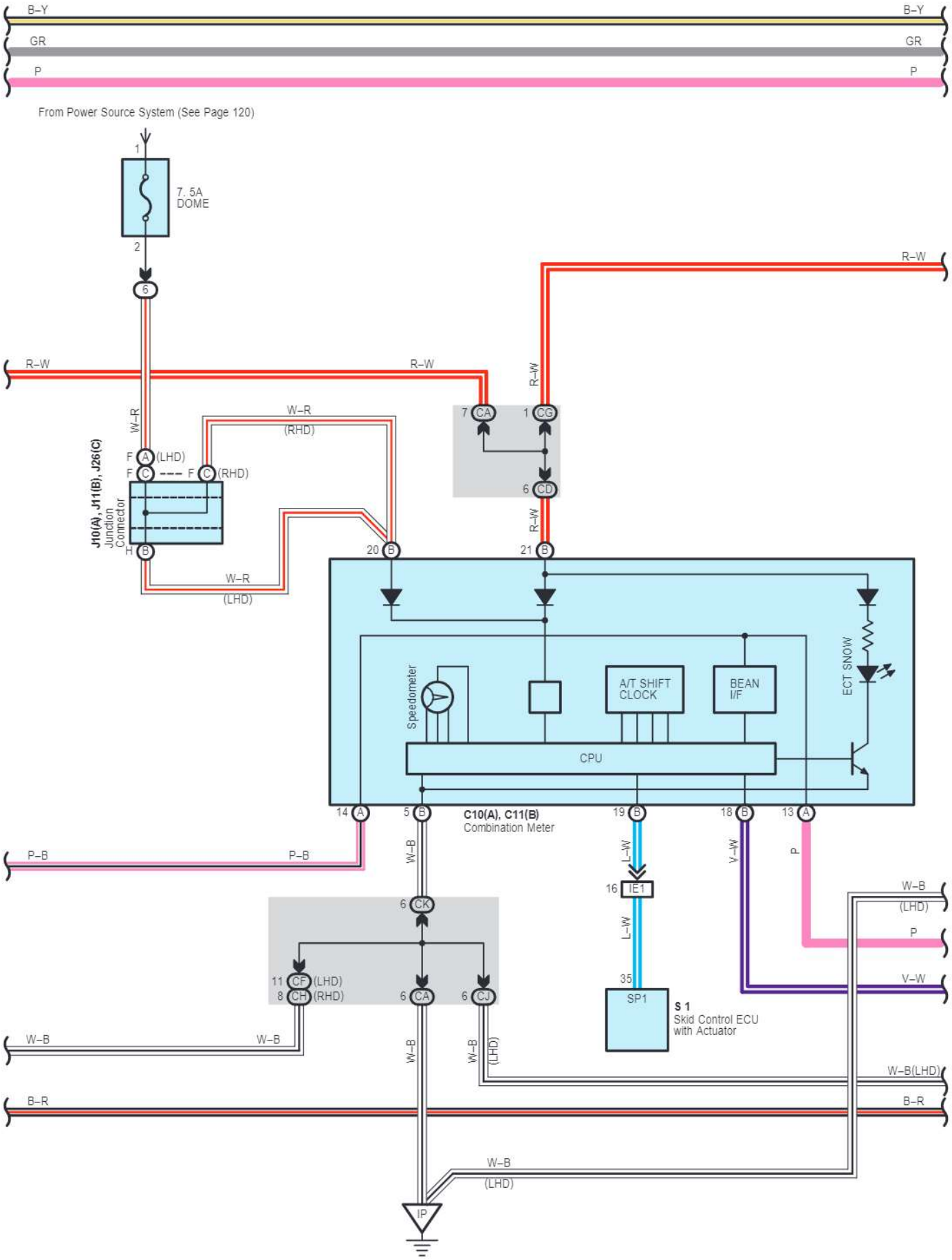

R–W
(*5)
From Power Source System (See Page 120)
10A IGN
5 DD
B–W
L–R
12 IC2
L–R
14 DB
2 DD
L–R
4 B
PBEW
5 B
IG2
A26(A), A27(B), A28(C)
Airbag Sensor Assembly
LBE– LSP– LSP+ LBE+(LHD)
RBE– RSP– RSP+ RBE+(RHD)
2 A 3 A 4 A 19 A (LHD)
3 C 2 C 1 C 14 C (RHD)
E1 27 B
E2 28 B
W–B
GR–B
L–B
G–Y
4 DD
3 DD
9 DA
Seat Position Airbag Sensor
Buckle SW
B 9
Buckle SW (Driver' s Side)
W–B
W–B
L–R
(*5)
W–B
(*6)
IJ
R–W
(*5)
4 (LHD)
5 (RHD)
IG
F19
Front Passenger' s Seat Belt Warning Light
E
B–PBEW
PBEW
8 6 7 (LHD)
1 3 2 (RHD)
W–B (*6)
W–B (*7)
L–R (*5)
G–Y (*6)
G–Y (*7)
14 IM1
8 IC3
G–Y (*6)
G–Y (*7)
A
A
J16
Junction Connector
W–B (*7)
W–B (*6)
IL
3
1
B10
Buckle SW (Front Passenger' s Side)
Occupant Detection Sensor
W–B (*7)
C
C
J32
Junction Connector
W–B (*7)
B A
C B
J30(A), J31(B)
Junction Connector
W–B (*6)
W–B (*7)
BV
BS

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ECT and A/T Indicator (1AZ–FSE)

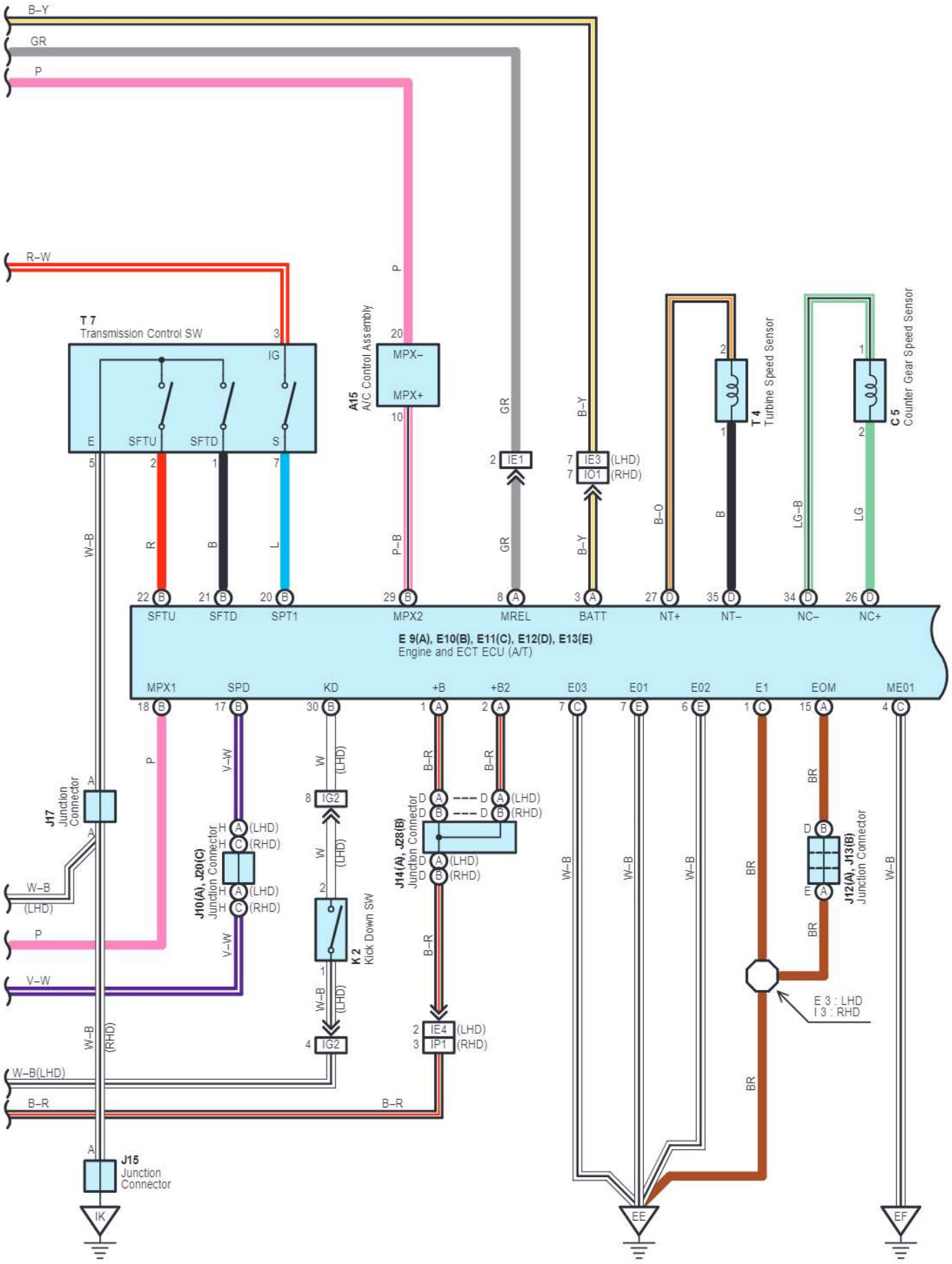


http://vnx.su

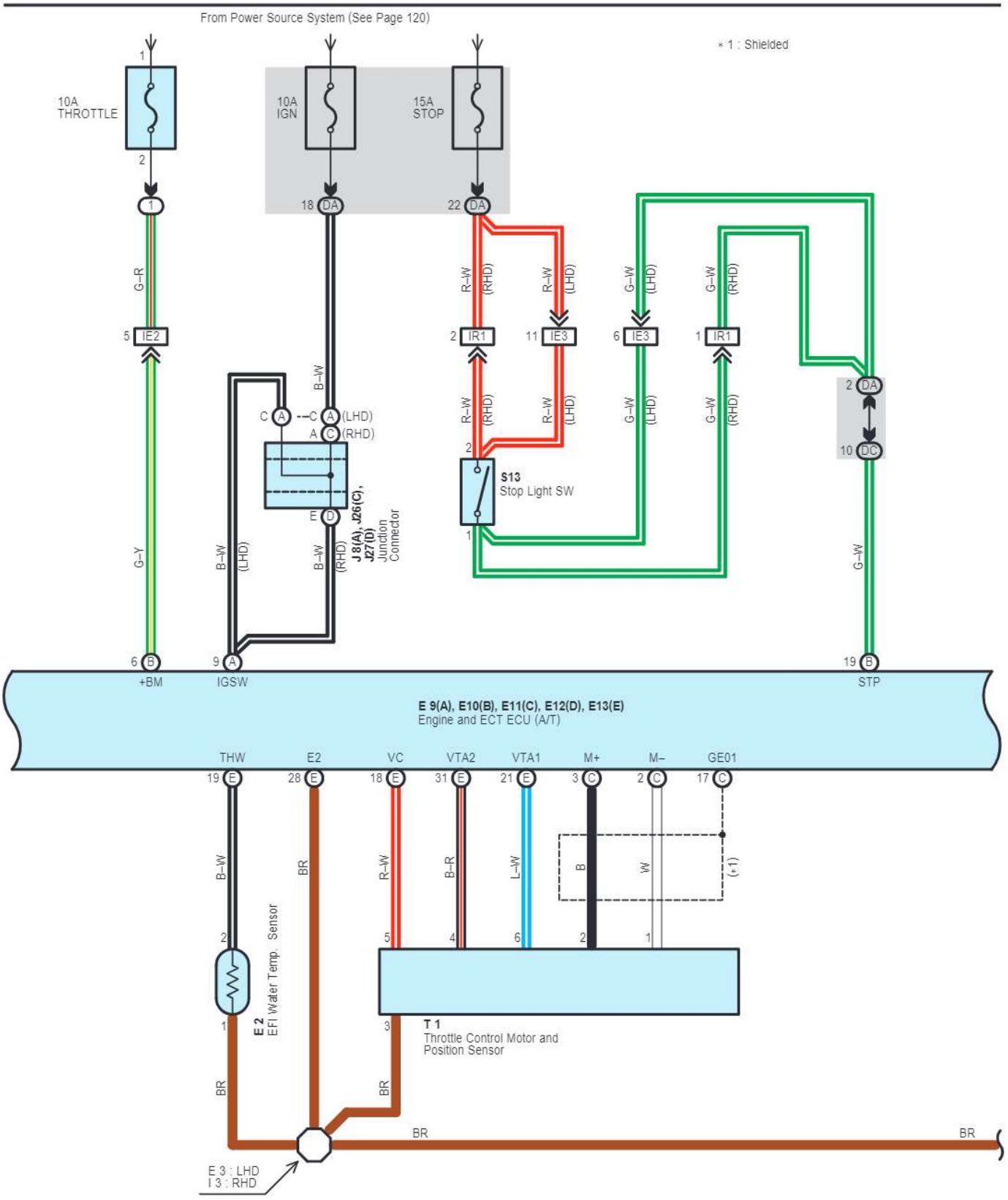

B–Y
B–Y
GR
GR
P
P
From Power Source System (See Page 120)
1
7. 5A
DOME
2
6
R–W
R–W
R–W
R–W
W–R
W–R
(RHD)
7 CA
1 CG
6 CD
R–W
J10(A), J11(B), J26(C)
Junction
Connector
F A (LHD)
F C
F C (RHD)
H B
20 B
21 B
W–R
(LHD)
Speedometer
A/T SHIFT
CLOCK
BEAN
I/F
ECT SNOW
CPU
14 A
5 B
C10(A), C11(B)
Combination Meter
19 B
18 B
13 A
P–B
P–B
W–B
L–W
V–W
P
16 IE1
6 CK
L–W
W–B
(LHD)
P
11 CF (LHD)
8 CH (RHD)
6 CA
6 CJ
35
SP1
S 1
Skid Control ECU
with Actuator
V–W
W–B
W–B
W–B
W–B
(LHD)
W–B(LHD)
B–R
B–R
W–B
(LHD)
IP

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ECT and A/T Indicator (1AZ–FSE)

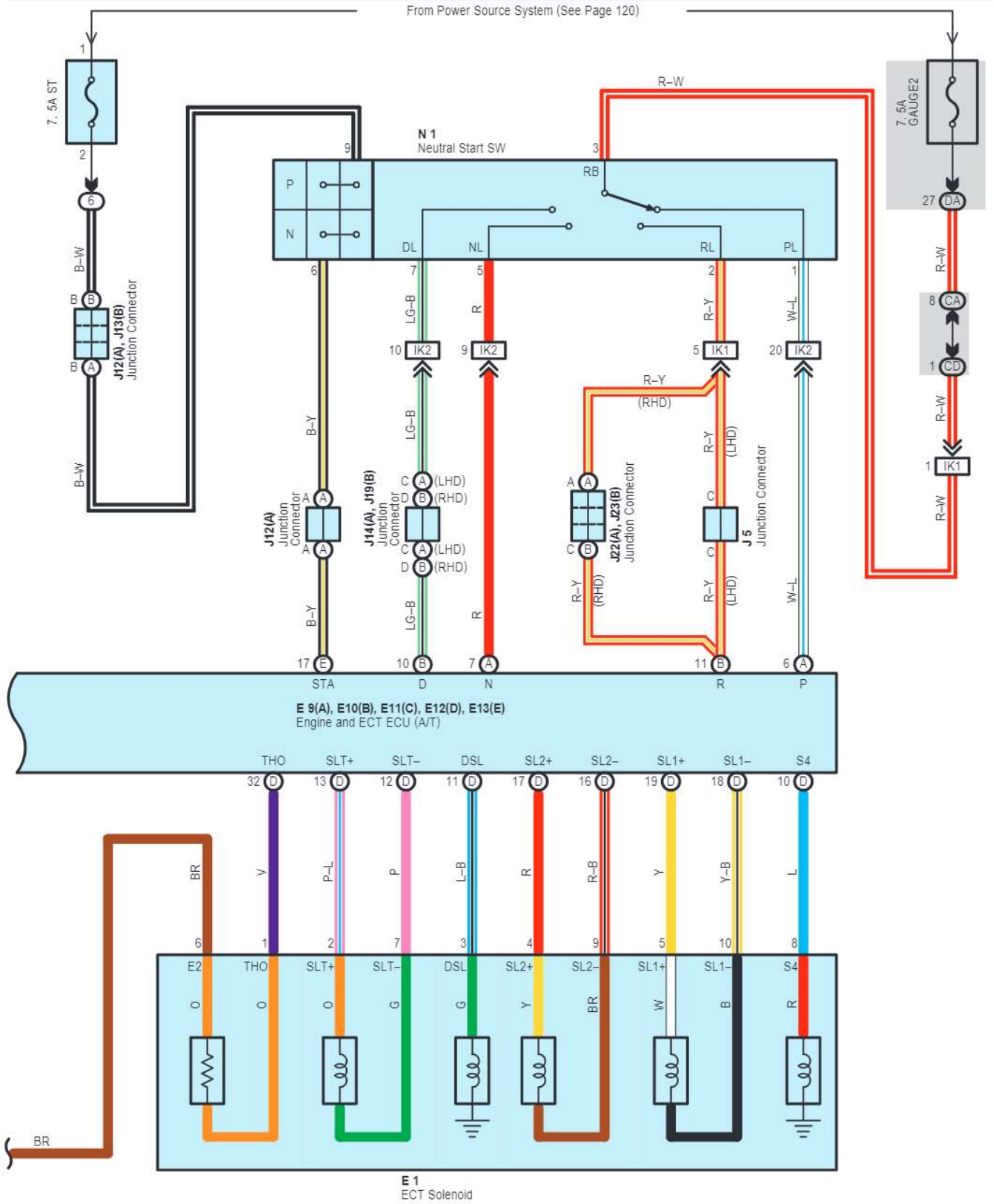


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From Power Source System (See Page 120)
× 1 : Shielded
10A THROTTLE
10A IGN
15A STOP
G–R
G–Y
B–W
R–W (RHD)
R–W (LHD)
G–W (LHD)
G–W (RHD)
IE2
IE3
IR1
S13
Stop Light SW
J8(A), J26(C), J27(D) Junction Connector
+BM
IGSW
STP
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
THW
E2
VC
VTA2
VTA1
M+
M–
GE01
B–W
BR
R–W
B–R
L–W
B
W
(*1)
E 2
EFI Water Temp. Sensor
T 1
Throttle Control Motor and Position Sensor
E 3 : LHD
I 3 : RHD

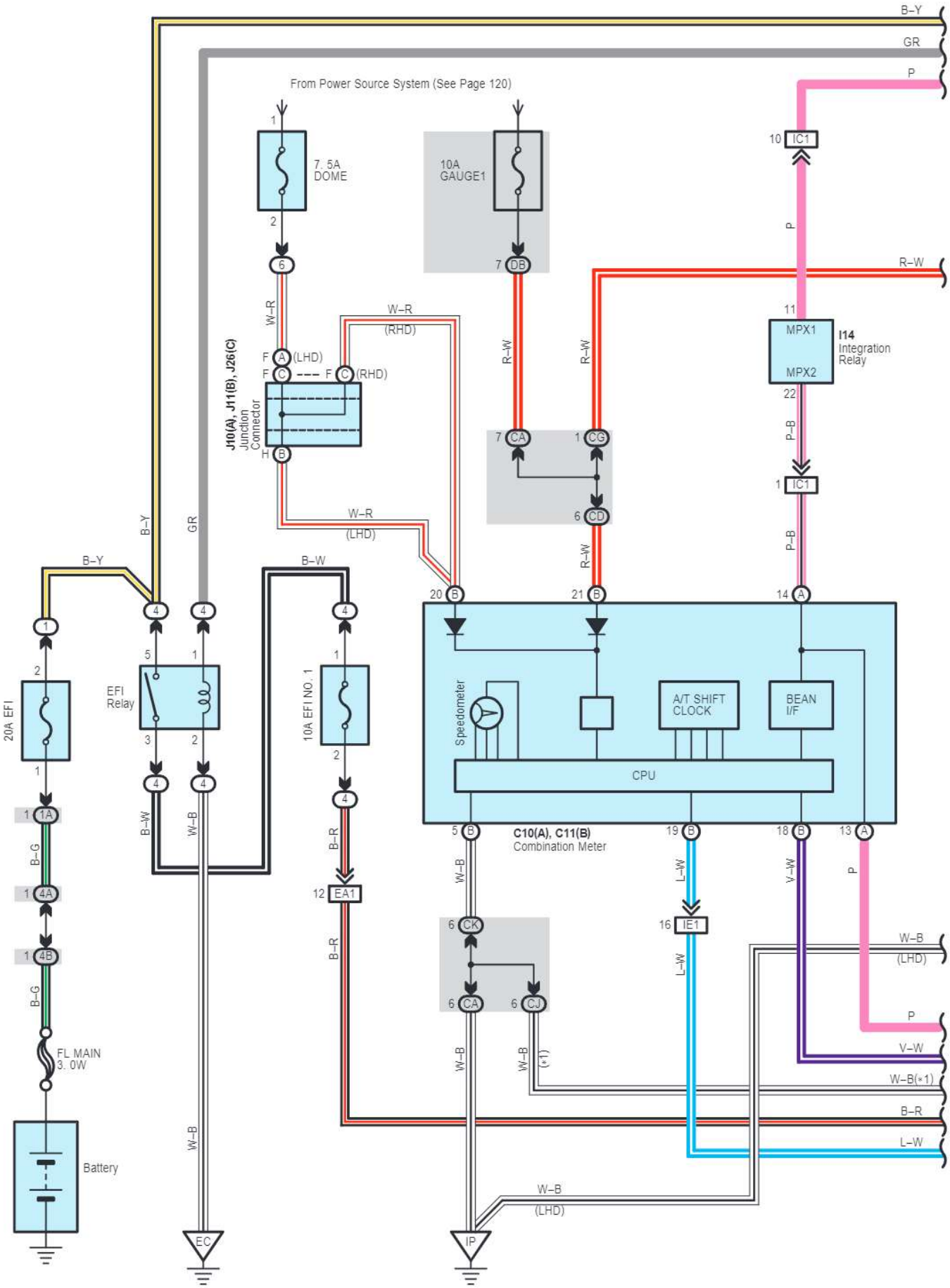
http://vnx.su

ECT and A/T Indicator (1AZ–FSE)

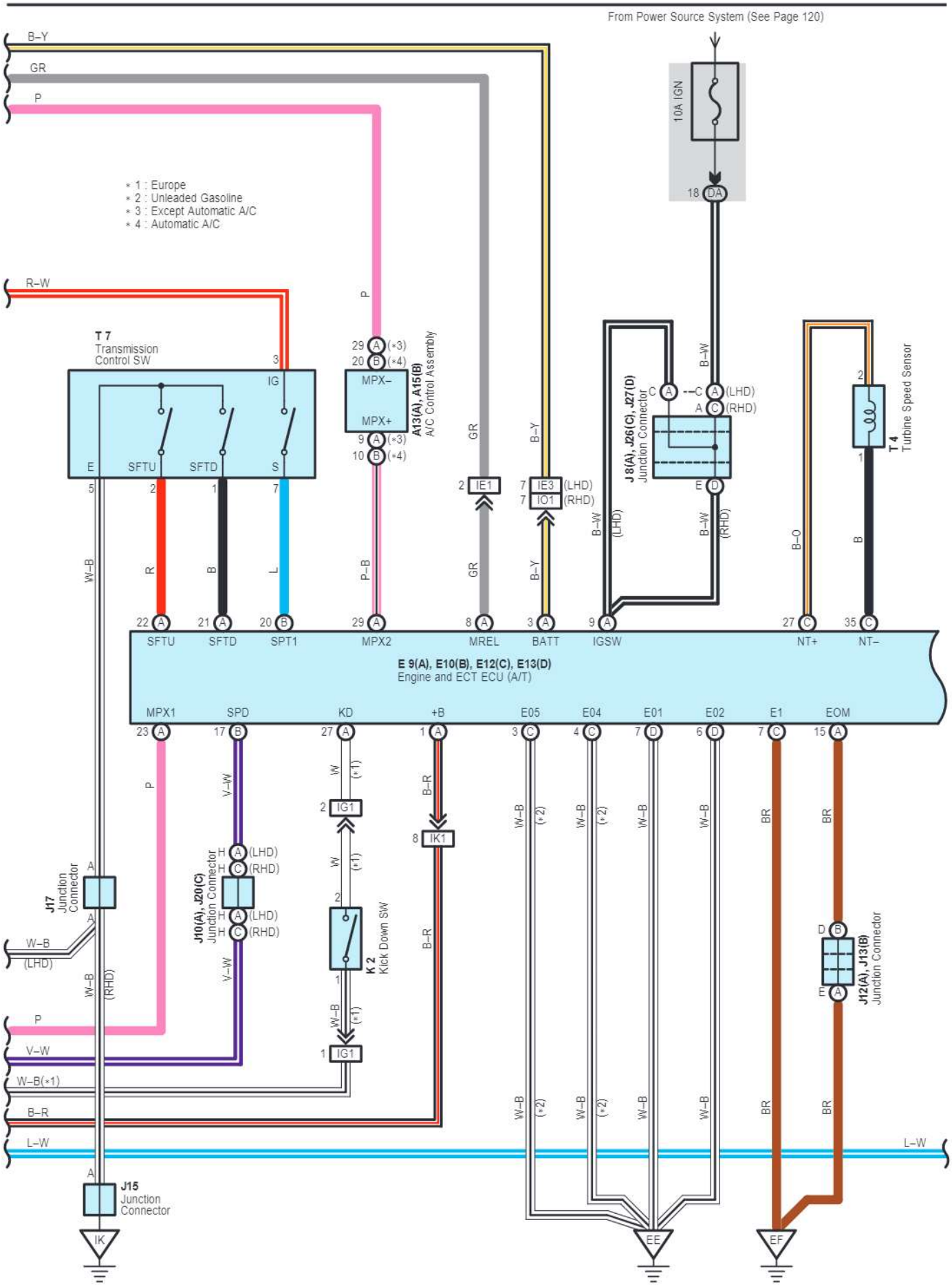


http://vnx.su

ECT and A/T Indicator (1AZ–FE)

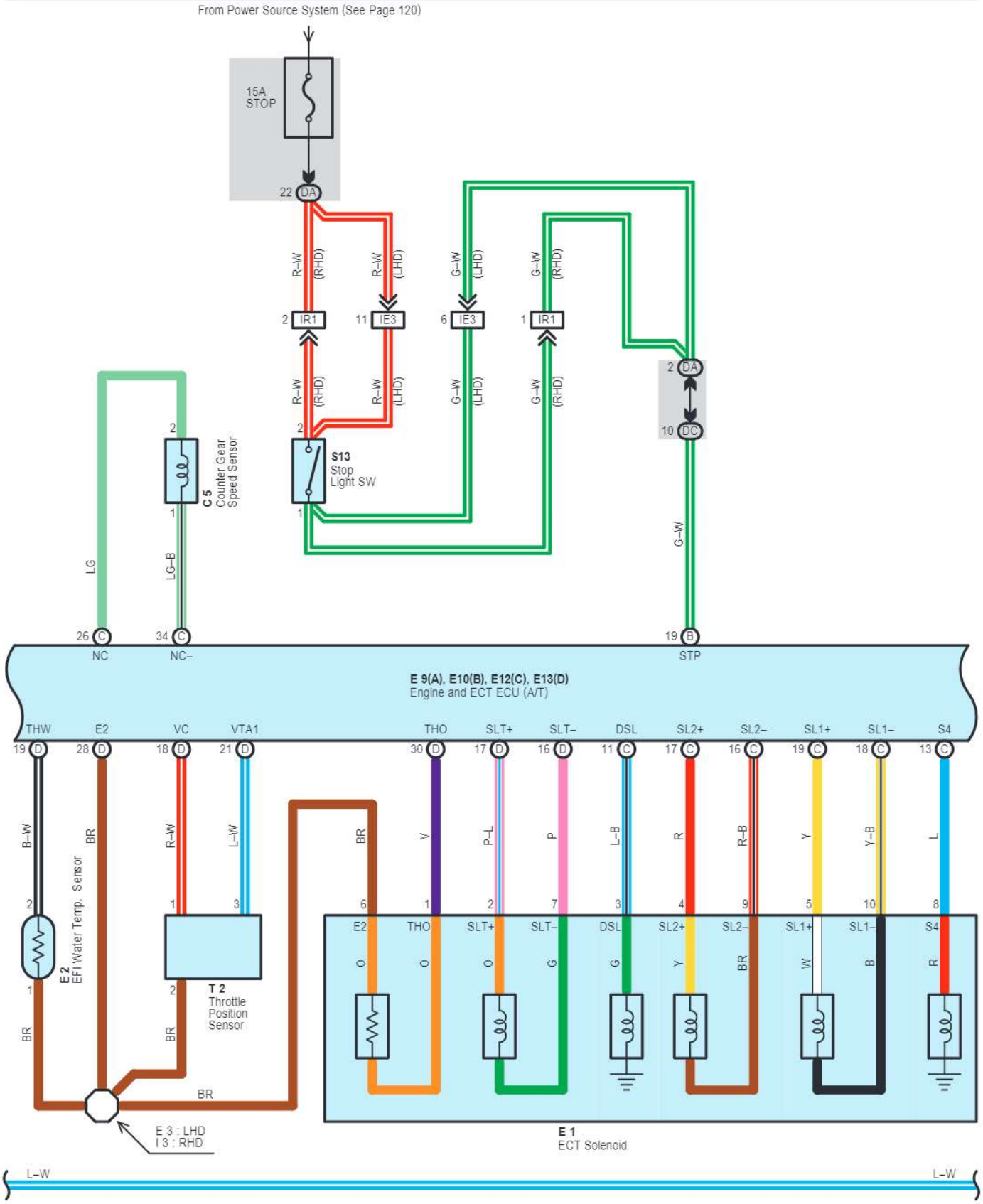


http://vnx.su

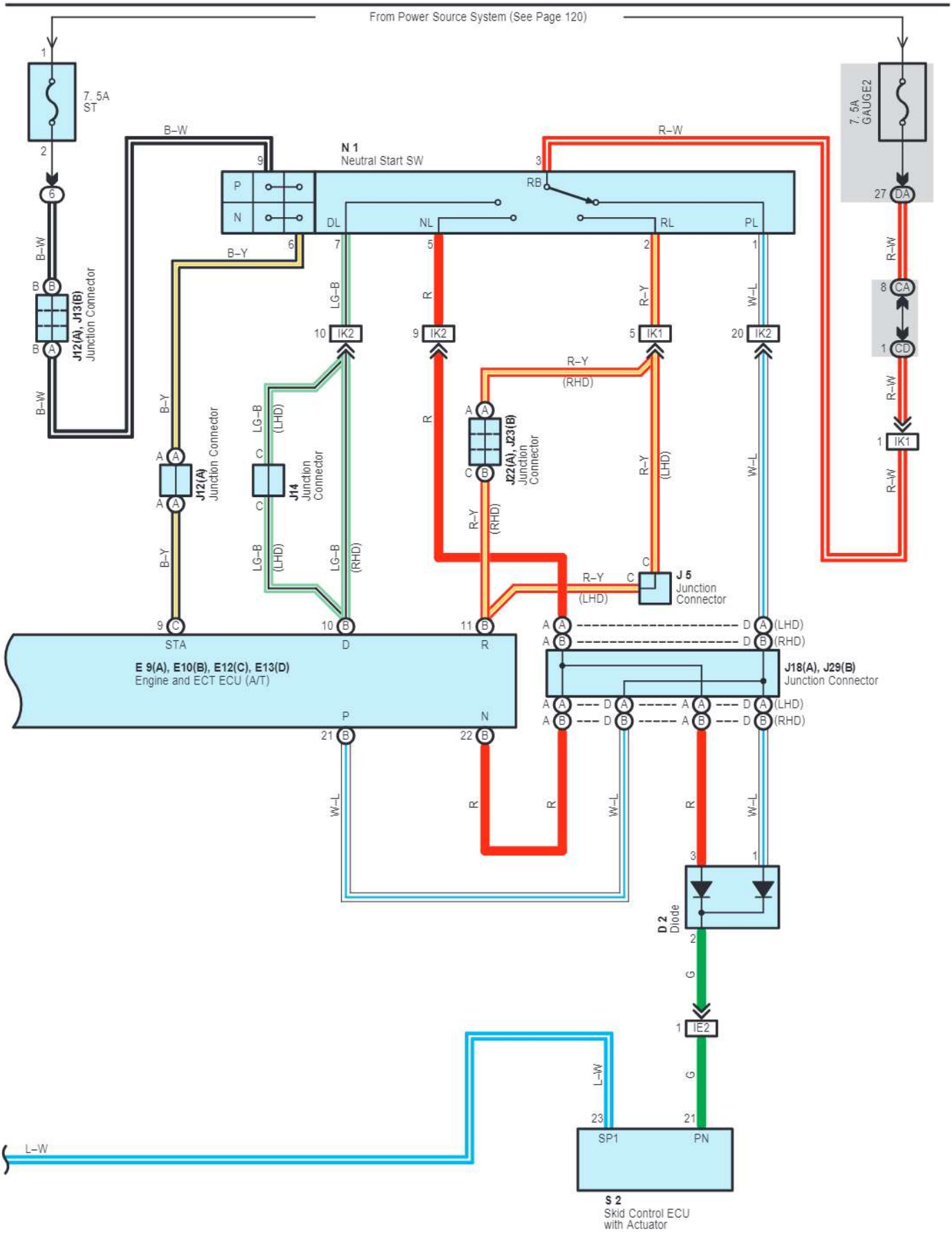

From Power Source System (See Page 120)
B–Y
GR
P
10A IGN
18 DA
* 1 : Europe
* 2 : Unleaded Gasoline
* 3 : Except Automatic A/C
* 4 : Automatic A/C
R–W
T 7
Transmission
Control SW
3
IG
E
SFTU
SFTD
S
5
2
1
7
W–B
R
B
L
29 A (*3)
20 B (*4)
MPX–
MPX+
9 A (*3)
10 B (*4)
A13(A), A15(B)
A/C Control Assembly
P–B
2 IE1
GR
8 A
7 IE3 (LHD)
7 IO1 (RHD)
B–Y
3 A
J 8(A), J26(C), J27(D)
Junction Connector
C A
A C (LHD)
A C (RHD)
B–W
(LHD)
E D
B–W
(RHD)
9 A
T 4
Turbine Speed Sensor
2
1
B–O
B
27 C
35 C
22 A
21 A
20 B
29 A
8 A
3 A
9 A
SFTU
SFTD
SPT1
MPX2
MREL
BATT
IGSW
NT+
NT–
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
MPX1
SPD
KD
+B
E05
E04
E01
E02
E1
EOM
23 A
17 B
27 A
1 A
3 C
4 C
7 D
6 D
7 C
15 A
P
V–W
W
(*1)
2 IG1
B–R
8 IK1
W–B
(*2)
BR
J17
Junction
Connector
A
A
W–B
(LHD)
W–B
(RHD)
J10(A), J20(C)
Junction Connector
H A (LHD)
H C (RHD)
H A (LHD)
H C (RHD)
V–W
K 2
Kick Down SW
2
1
W–B
(*1)
1 IG1
W–B(*1)
B–R
L–W
D B
E A
J12(A), J13(B)
Junction Connector
A
J15
Junction
Connector
IK
EE
EF

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ECT and A/T Indicator (1AZ–FE)

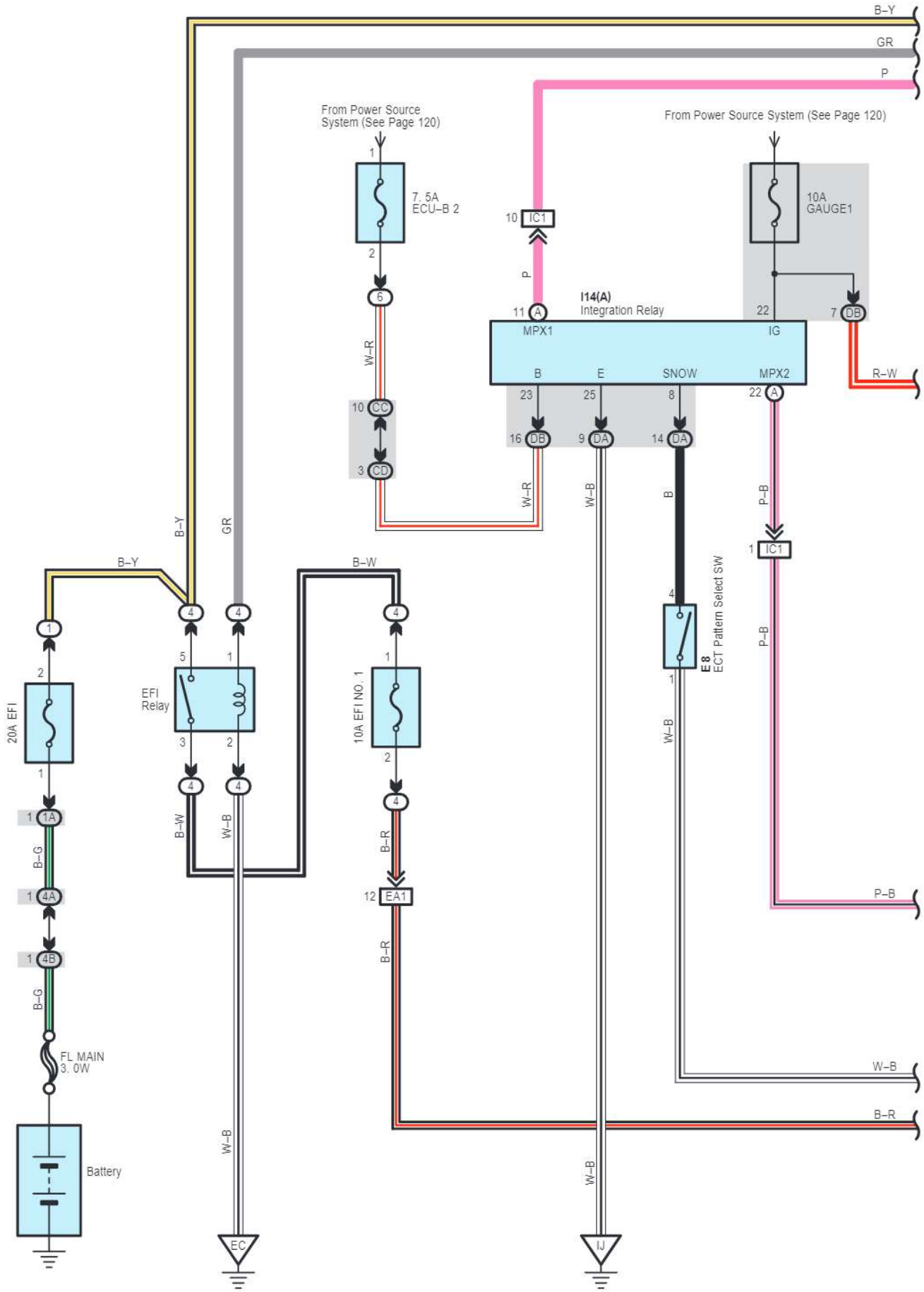


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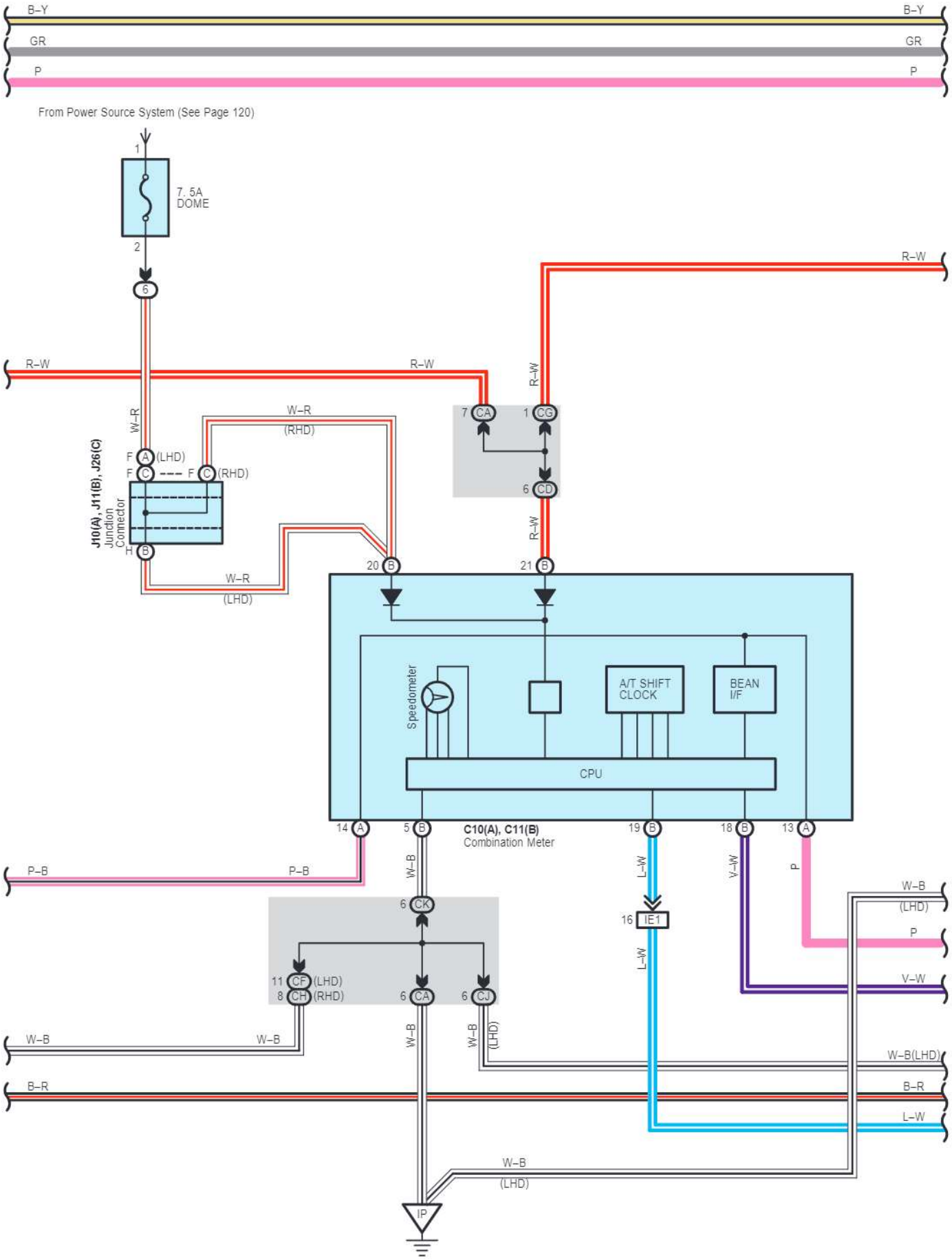

From Power Source System (See Page 120)
7.5A ST
7.5A GAUGE2
N 1
Neutral Start SW
P
N
RB
DL
NL
RL
PL
B–W
B–Y
R–W
R
R–Y
W–L
LG–B
(LHD)
(RHD)
J12(A), J13(B) Junction Connector
J12(A) Junction Connector
J14 Junction Connector
J22(A), J23(B) Junction Connector
J 5 Junction Connector
J18(A), J29(B) Junction Connector
IK1
IK2
CA
CD
DA
STA
D
R
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
D 2 Diode
IE2
G
L–W
SP1
PN
S 2
Skid Control ECU with Actuator

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ECT and A/T Indicator (1ZZ–FE)

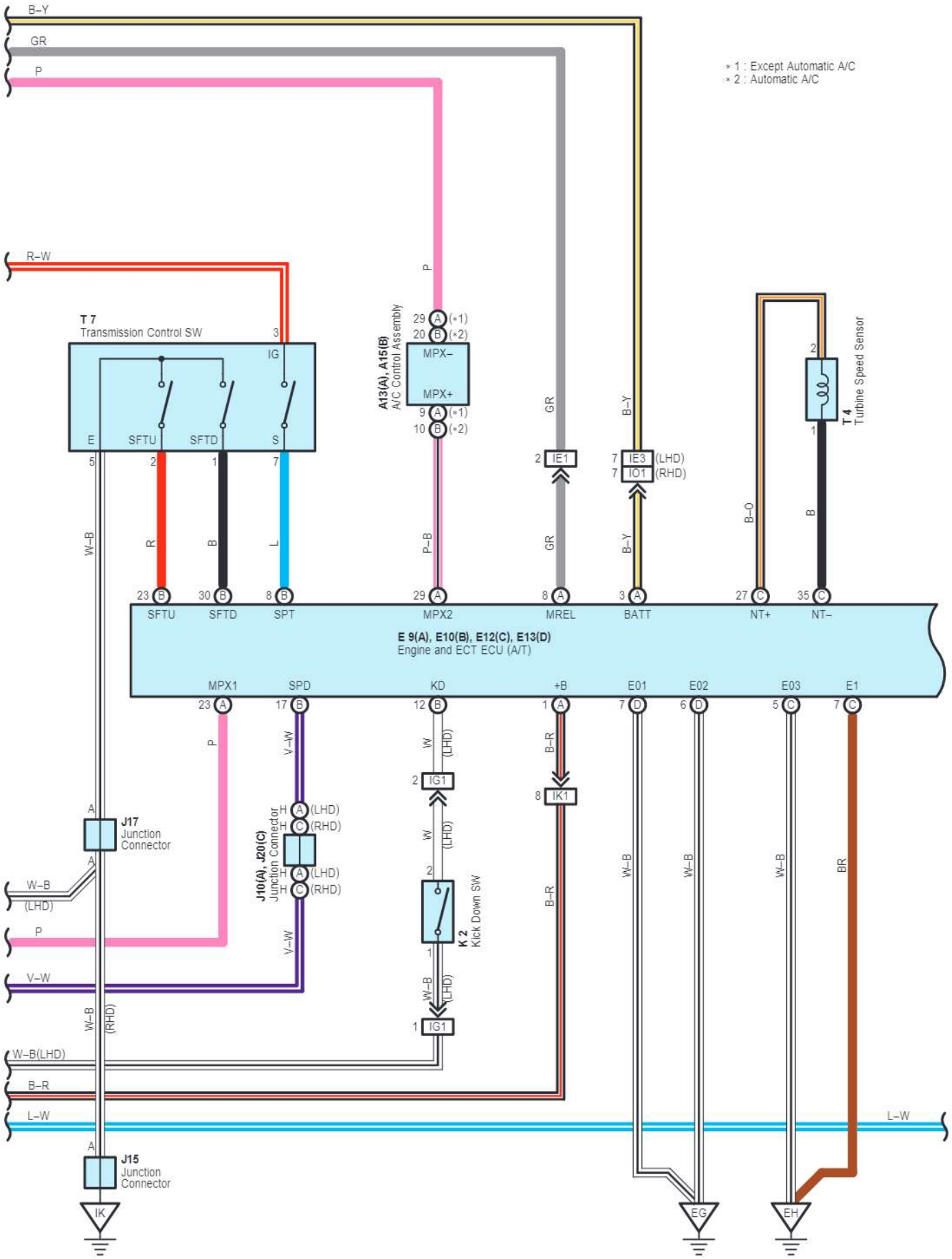


http://vnx.su

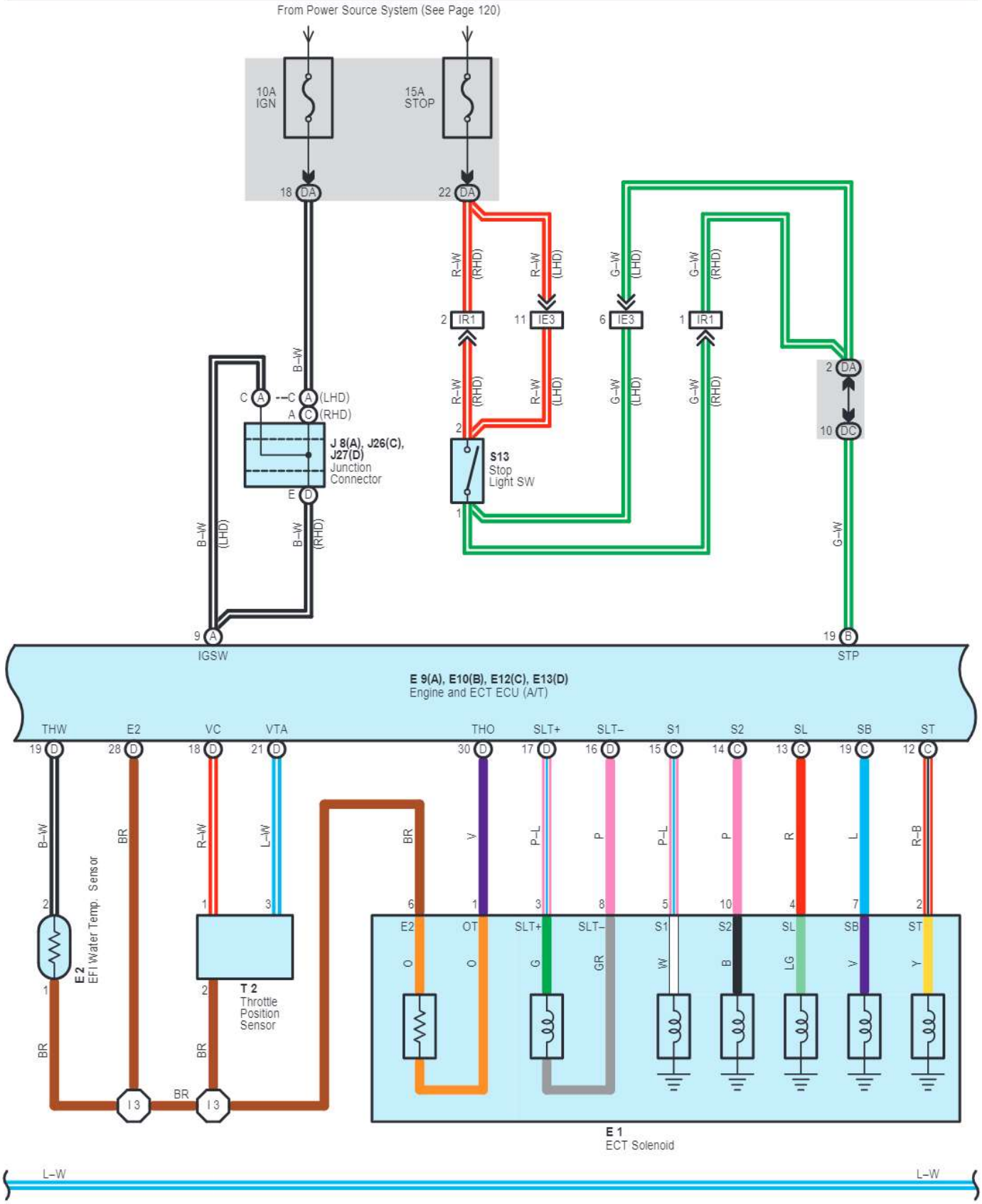

B–Y
GR
P
From Power Source System (See Page 120)
7. 5A
DOME
R–W
W–R
(RHD)
(LHD)
J10(A), J11(B), J26(C)
Junction
Connector
Speedometer
A/T SHIFT
CLOCK
BEAN
I/F
CPU
C10(A), C11(B)
Combination Meter
L–W
V–W
P
W–B
B–R
P–B
IP

http://vnx.su

ECT and A/T Indicator (1ZZ–FE)

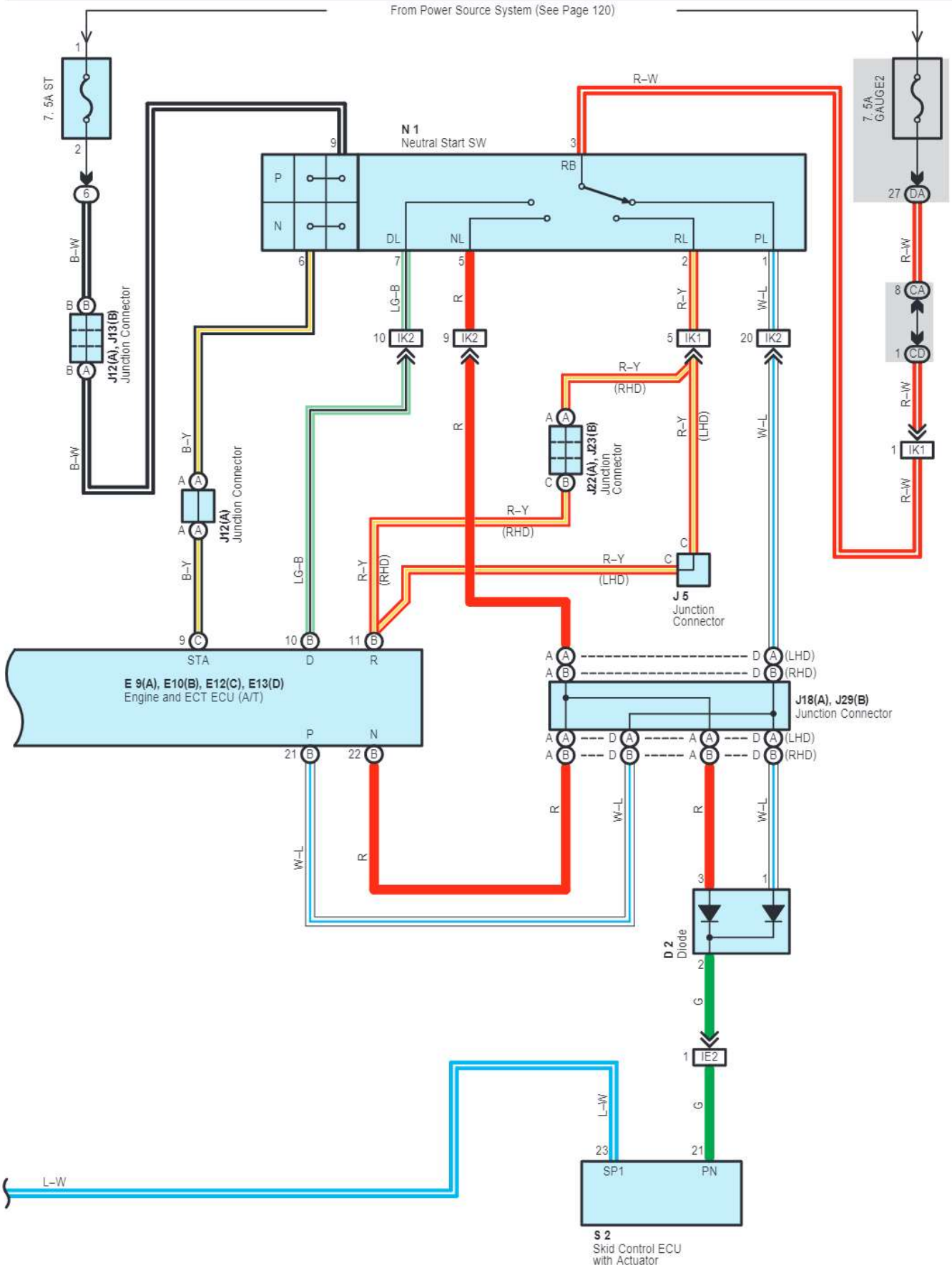


http://vnx.su

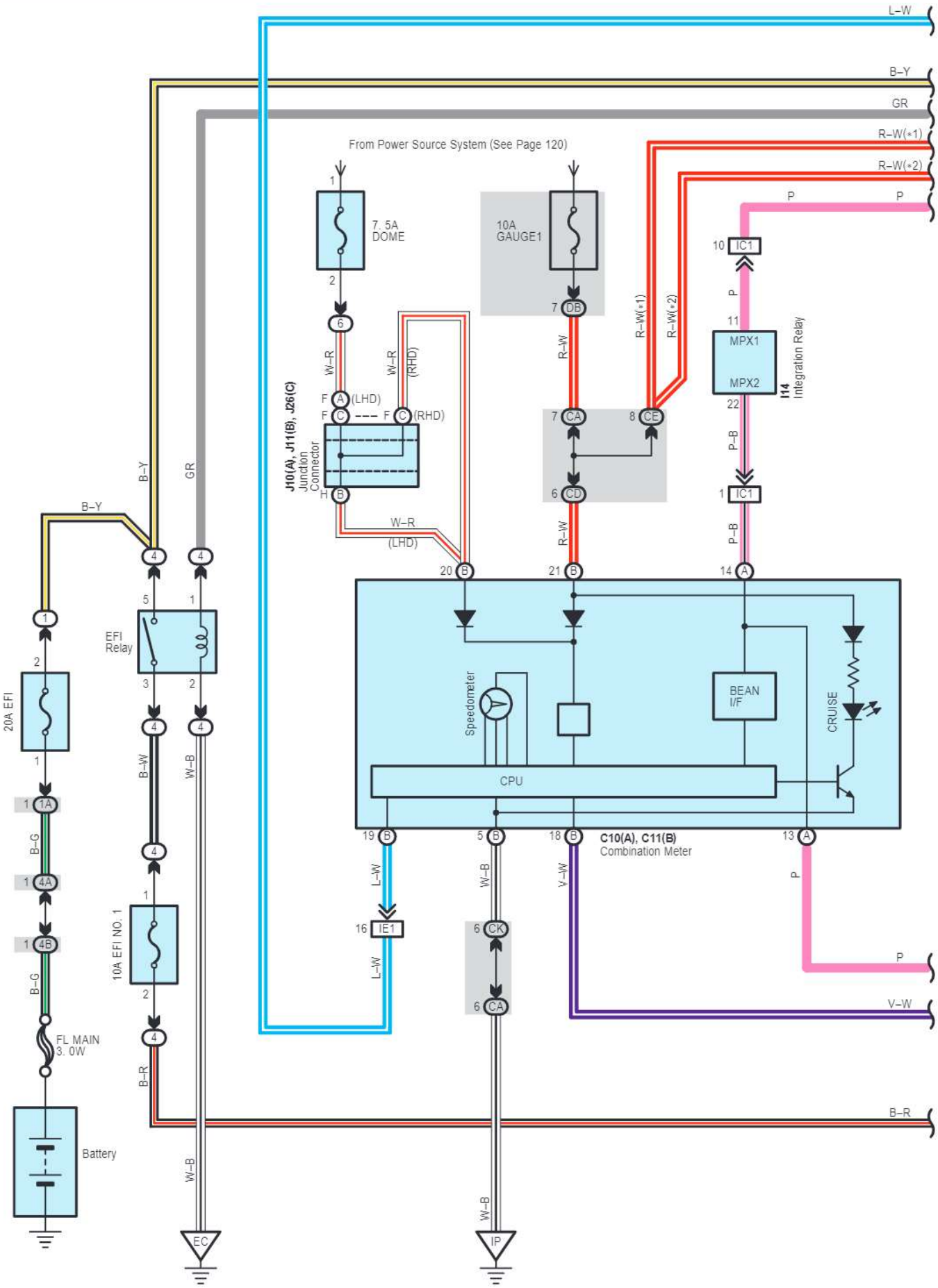

From Power Source System (See Page 120)
10A IGN
15A STOP
18 DA
22 DA
R–W (RHD)
R–W (LHD)
G–W (LHD)
G–W (RHD)
2 IR1
11 IE3
6 IE3
1 IR1
2 DA
10 DC
B–W
C A (LHD)
A C (RHD)
J 8(A), J26(C), J27(D) Junction Connector
E D
S13 Stop Light SW
B–W (LHD)
B–W (RHD)
G–W
9 A
IGSW
19 B
STP
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T)
THW
E2
VC
VTA
THO
SLT+
SLT–
S1
S2
SL
SB
ST
19 D
28 D
18 D
21 D
30 D
17 D
16 D
15 C
14 C
13 C
19 C
12 C
B–W
BR
R–W
L–W
BR
V
P–L
P
P–L
P
R
L
R–B
2
1
3
6
1
3
8
5
10
4
7
2
E2
OT
SLT+
SLT–
S1
S2
SL
SB
ST
O
O
G
GR
W
B
LG
V
Y
E2 EFI Water Temp. Sensor
T 2 Throttle Position Sensor
BR
I 3
E 1 ECT Solenoid
L–W
L–W

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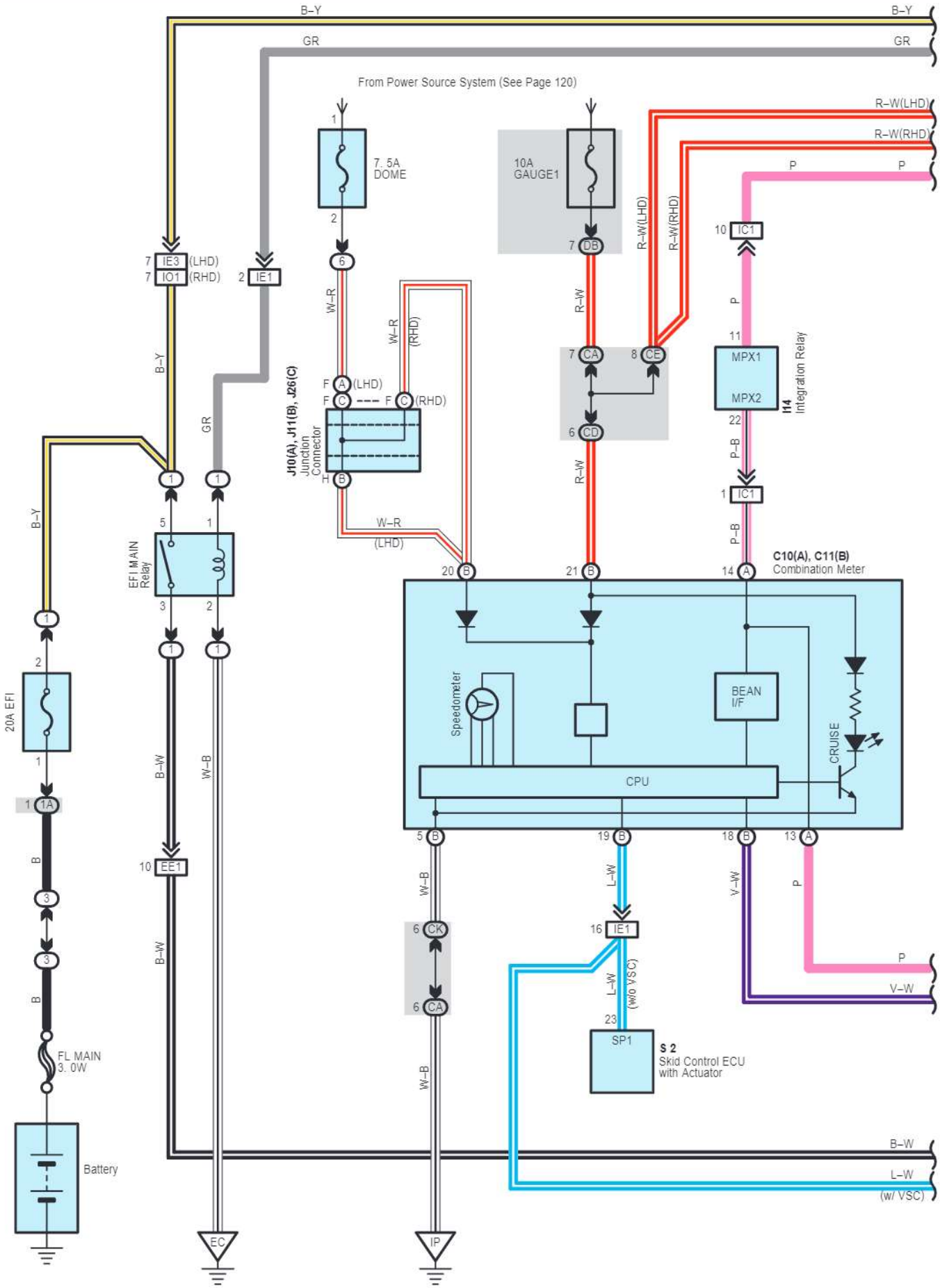
ECT and A/T Indicator (1ZZ–FE)



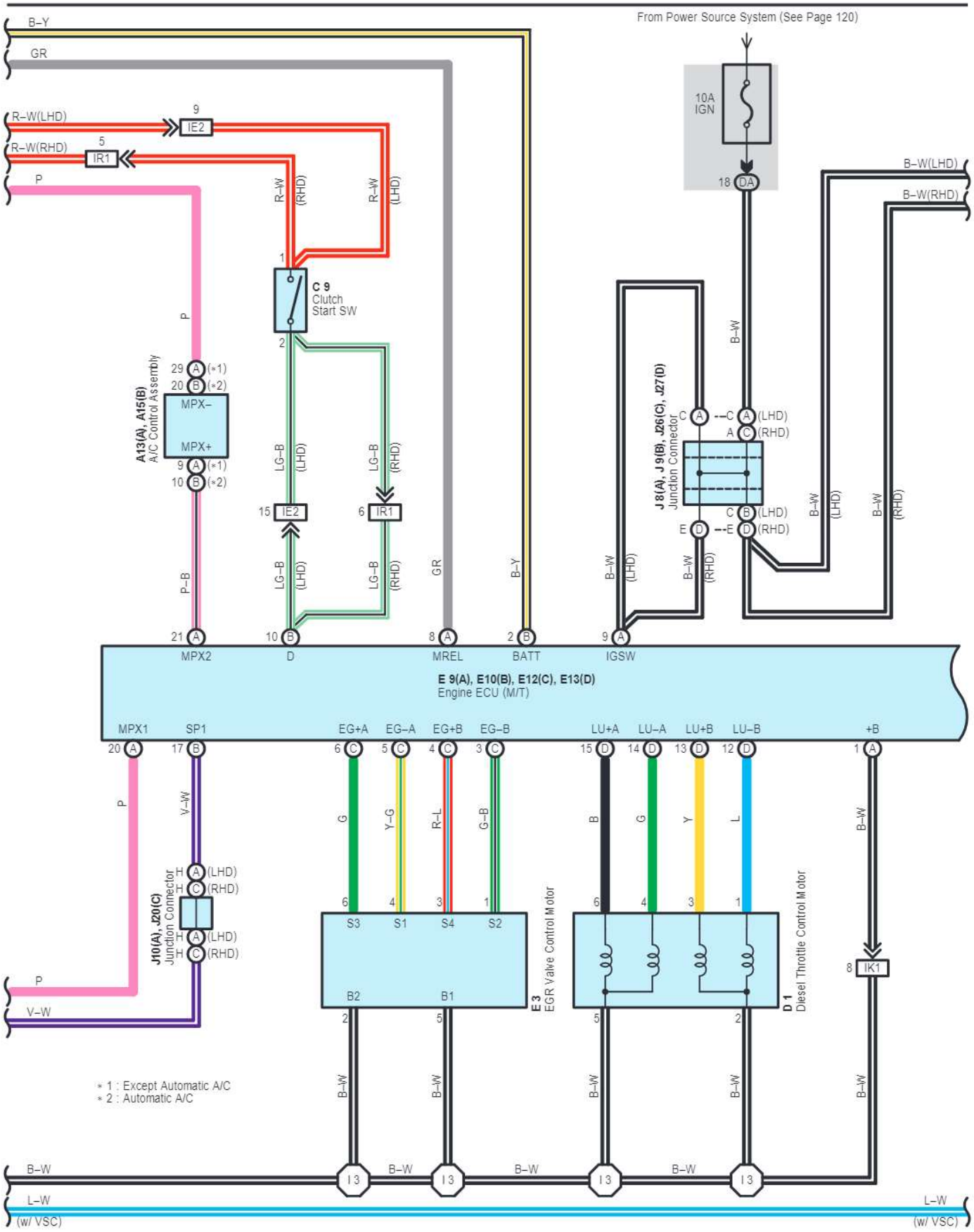
http://vnx.su


L–W
B–Y
GR
R–W(*1)
R–W(*2)
From Power Source System (See Page 120)
7. 5A
DOME
10A
GAUGE1
P
IC1
MPX1
MPX2
I14
Integration Relay
J10(A), J11(B), J26(C)
Junction
Connector
(LHD)
(RHD)
W–R
R–W
P–B
EFI
Relay
20A EFI
10A EFI NO. 1
FL MAIN
3. 0W
Battery
B–W
B–G
B–R
W–B
L–W
V–W
CPU
Speedometer
BEAN
I/F
CRUISE
C10(A), C11(B)
Combination Meter
IE1
CK
CA
CD
CE
DB
EC
IP

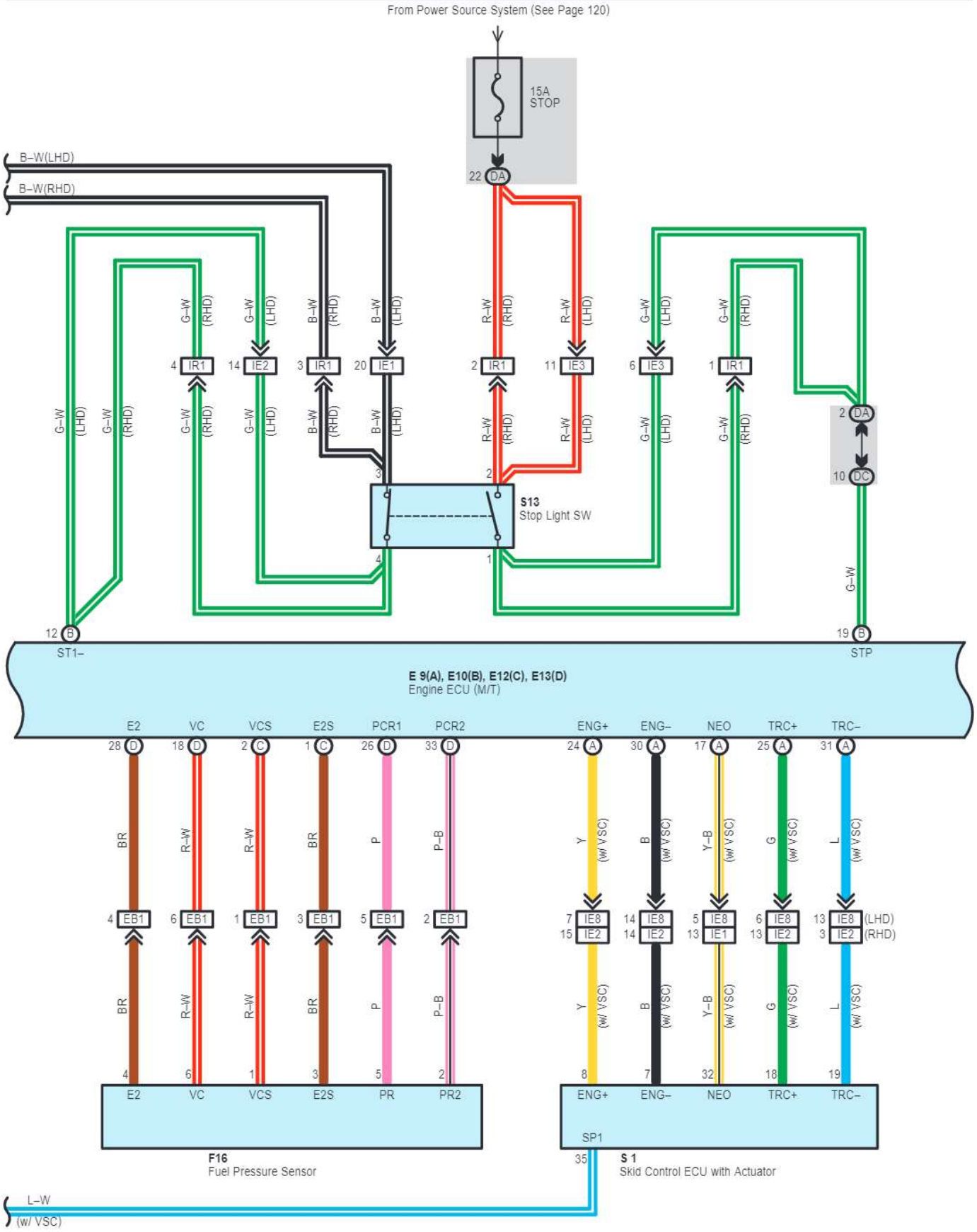
http://vnx.su


B–Y
GR
From Power Source System (See Page 120)
7. 5A DOME
10A GAUGE1
R–W(LHD)
R–W(RHD)
P
7 IE3 (LHD)
7 IO1 (RHD)
2 IE1
W–R
W–R (RHD)
J10(A), J11(B), J26(C) Junction Connector
F A (LHD)
F C --- F C (RHD)
H B
W–R (LHD)
R–W
7 DB
7 CA
8 CE
6 CD
10 IC1
11 MPX1
MPX2
I14 Integration Relay
22
P–B
1 IC1
C10(A), C11(B) Combination Meter
20 B
21 B
14 A
EFI MAIN Relay
20A EFI
1A
B
B–W
W–B
10 EE1
Speedometer
BEAN I/F
CPU
CRUISE
5 B
19 B
18 B
13 A
6 CK
6 CA
L–W
V–W
16 IE1
L–W (w/o VSC)
23 SP1
S 2 Skid Control ECU with Actuator
FL MAIN 3. 0W
Battery
EC
IP
B–W
L–W (w/ VSC)

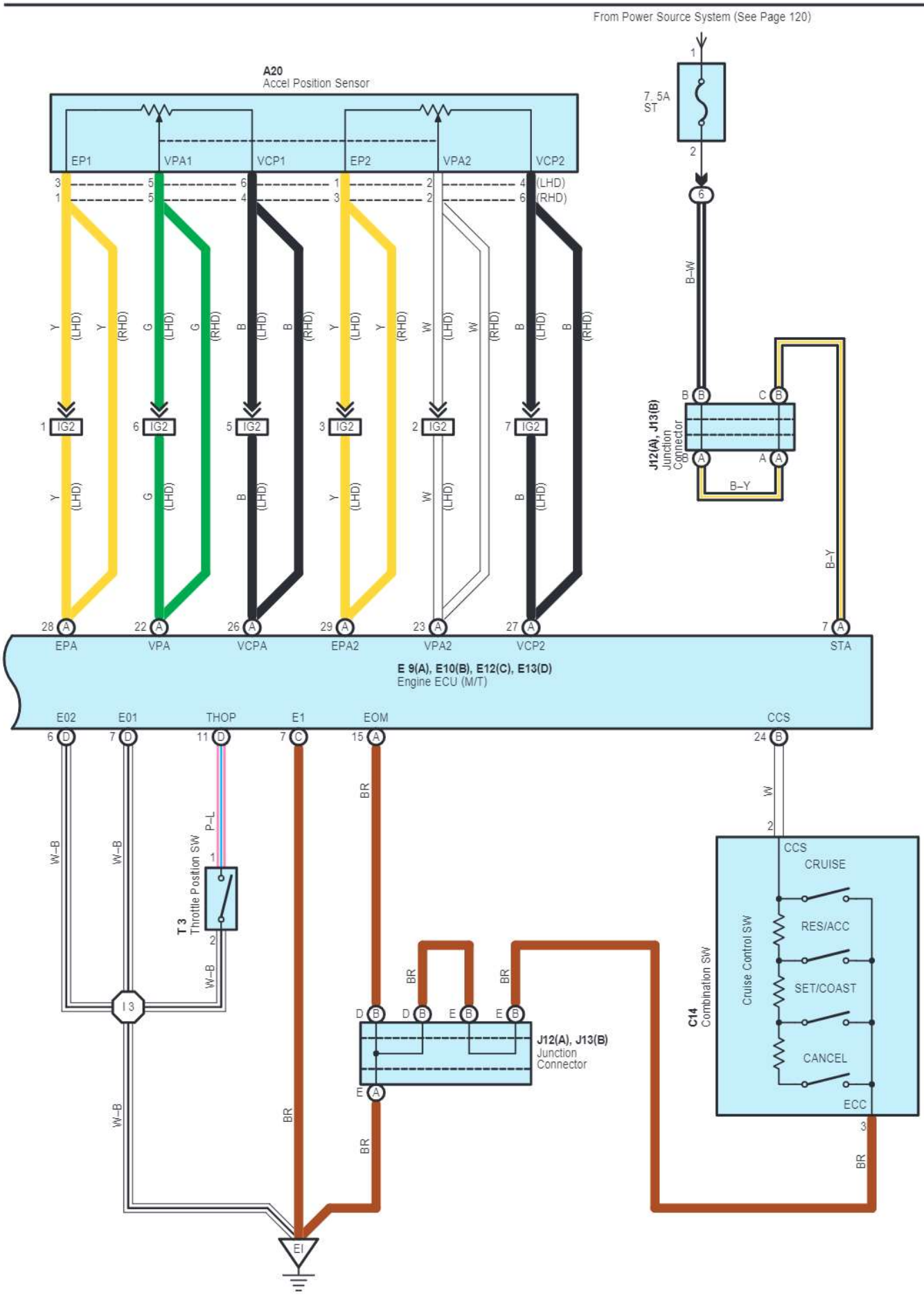
http://vnx.su


From Power Source System (See Page 120)
B–Y
GR
R–W(LHD)
R–W(RHD)
P
9
IE2
5
IR1
R–W (RHD)
R–W (LHD)
1
C 9
Clutch
Start SW
2
P
29 A (*1)
20 B (*2)
A13(A), A15(B)
A/C Control Assembly
MPX–
MPX+
9 A (*1)
10 B (*2)
LG–B (LHD)
LG–B (RHD)
15 IE2
6 IR1
P–B
LG–B (LHD)
LG–B (RHD)
GR
B–Y
21 A
10 B
8 A
2 B
MPX2
D
MREL
BATT
10A
IGN
18 DA
B–W
B–W(LHD)
B–W(RHD)
J8(A), J9(B), J26(C), J27(D)
Junction Connector
C A (LHD)
A C (RHD)
C B (LHD)
E D (RHD)
B–W (LHD)
B–W (RHD)
9 A
IGSW
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
MPX1
SP1
EG+A
EG–A
EG+B
EG–B
LU+A
LU–A
LU+B
LU–B
+B
20 A
17 B
6 C
5 C
4 C
3 C
15 D
14 D
13 D
12 D
1 A
P
V–W
G
Y–G
R–L
G–B
B
G
Y
L
B–W
J10(A), J20(C)
Junction Connector
H A (LHD)
H C (RHD)
H A (LHD)
H C (RHD)
6
4
3
1
S3
S1
S4
S2
B2
B1
E3
EGR Valve Control Motor
D1
Diesel Throttle Control Motor
8 IK1
P
V–W
2
5
B–W
I3
B–W
I3
B–W
I3
B–W
I3
* 1 : Except Automatic A/C
* 2 : Automatic A/C
B–W
L–W
(w/ VSC)
L–W
(w/ VSC)

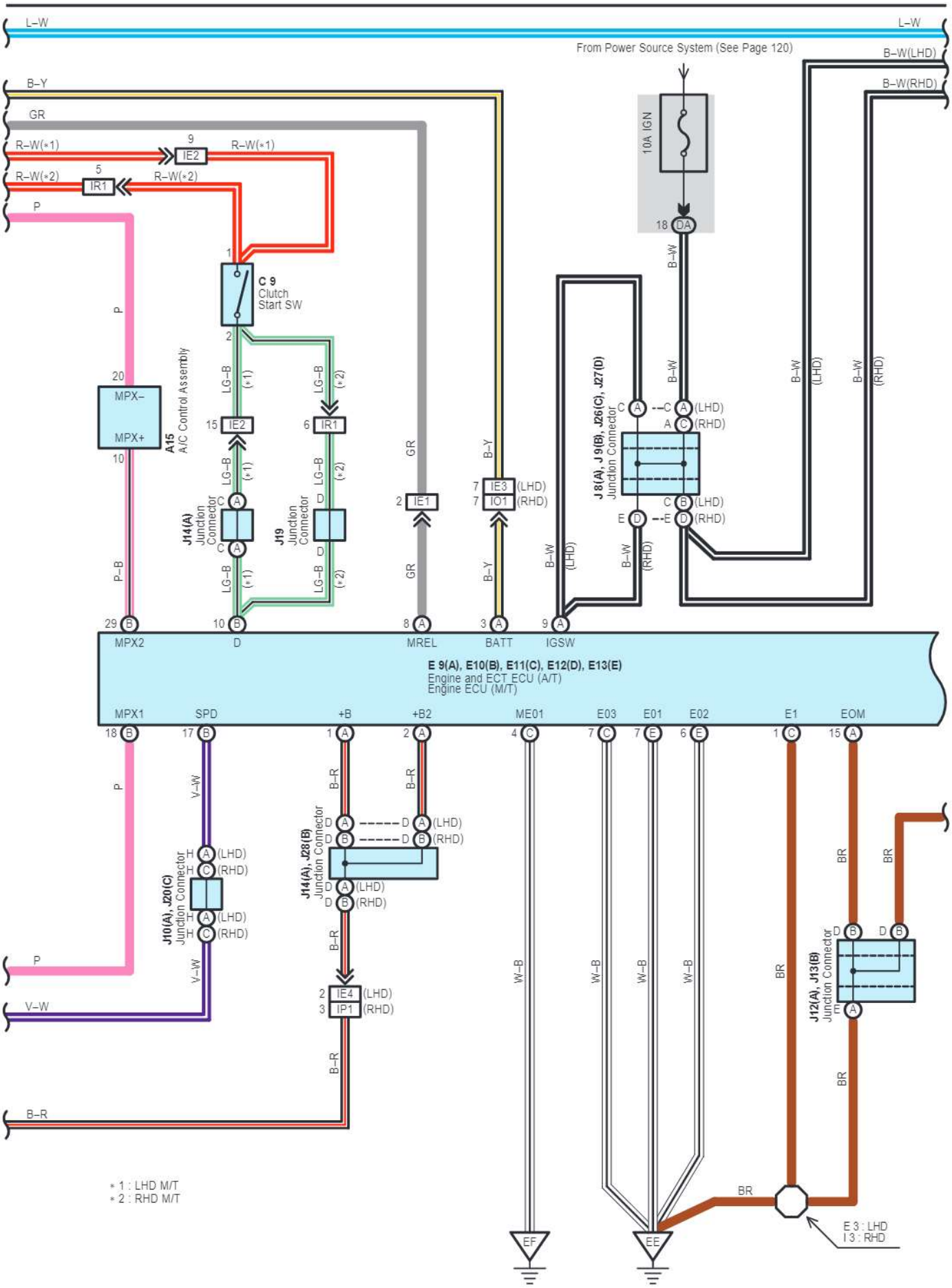
http://vnx.su


From Power Source System (See Page 120)
15A
STOP
22 DA
B–W(LHD)
B–W(RHD)
4 IR1
14 IE2
3 IR1
20 IE1
2 IR1
11 IE3
6 IE3
1 IR1
2 DA
10 DC
S13
Stop Light SW
12 B
ST1–
19 B
STP
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
E2
VC
VCS
E2S
PCR1
PCR2
ENG+
ENG–
NEO
TRC+
TRC–
28 D
18 D
2 C
1 C
26 D
33 D
24 A
30 A
17 A
25 A
31 A
4 EB1
6 EB1
1 EB1
3 EB1
5 EB1
2 EB1
7 IE8
15 IE2
14 IE8
14 IE2
5 IE8
13 IE1
6 IE8
13 IE2
13 IE8
3 IE2
(LHD)
(RHD)
4
6
1
3
5
2
8
7
32
18
19
E2
VC
VCS
E2S
PR
PR2
ENG+
ENG–
NEO
TRC+
TRC–
SP1
35
F16
Fuel Pressure Sensor
S 1
Skid Control ECU with Actuator
L–W
(w/ VSC)

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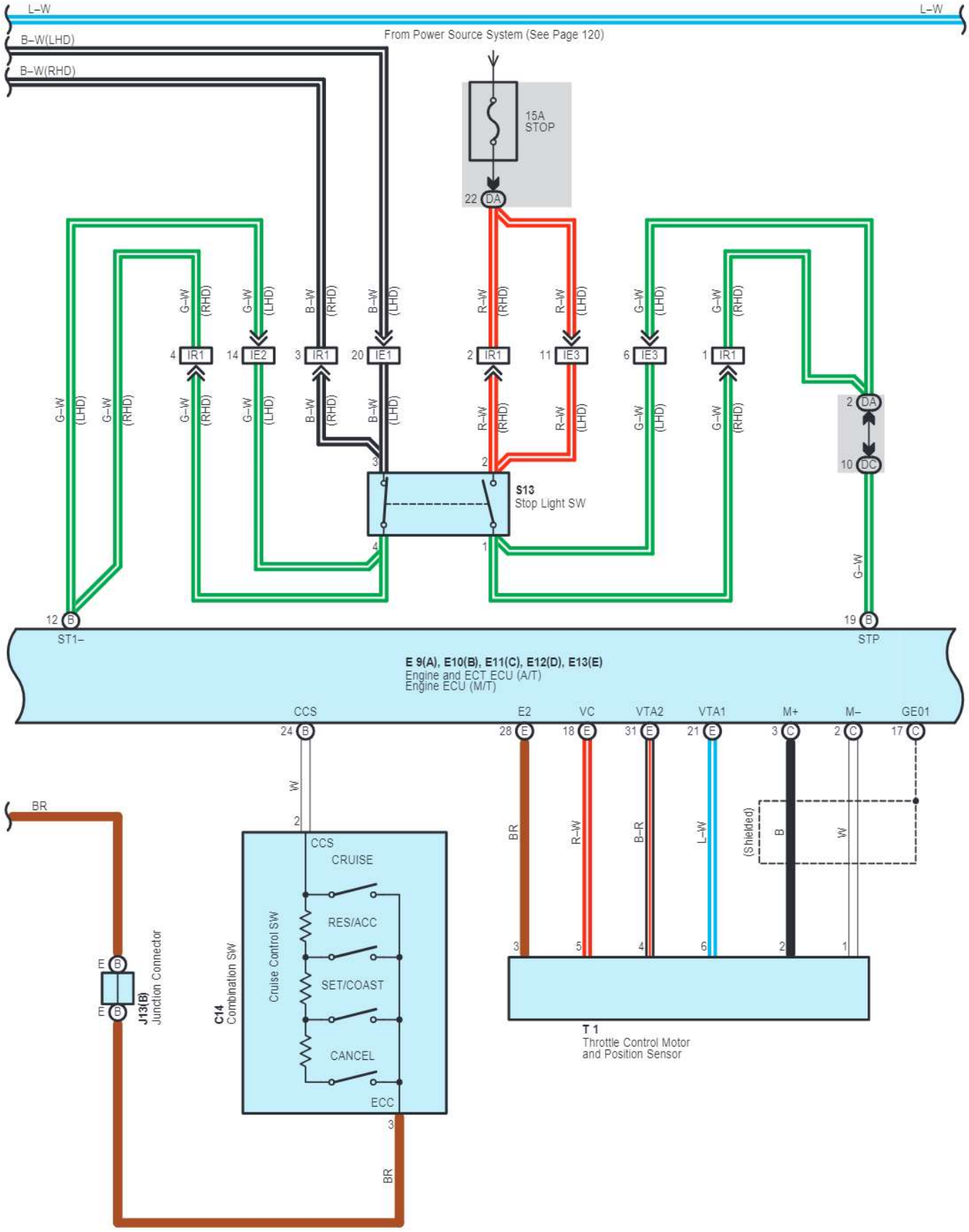

From Power Source System (See Page 120)
A20
Accel Position Sensor
EP1
VPA1
VCP1
EP2
VPA2
VCP2
(LHD)
(RHD)
IG2
7.5A
ST
B–W
B–Y
J12(A), J13(B)
Junction Connector
28 A
EPA
22 A
VPA
26 A
VCPA
29 A
EPA2
23 A
VPA2
27 A
VCP2
7 A
STA
E 9(A), E10(B), E12(C), E13(D)
Engine ECU (M/T)
E02
E01
THOP
E1
EOM
CCS
W–B
P–L
T 3
Throttle Position SW
I 3
BR
J12(A), J13(B)
Junction Connector
C14
Combination SW
Cruise Control SW
CCS
CRUISE
RES/ACC
SET/COAST
CANCEL
ECC
EI

http://vnx.su

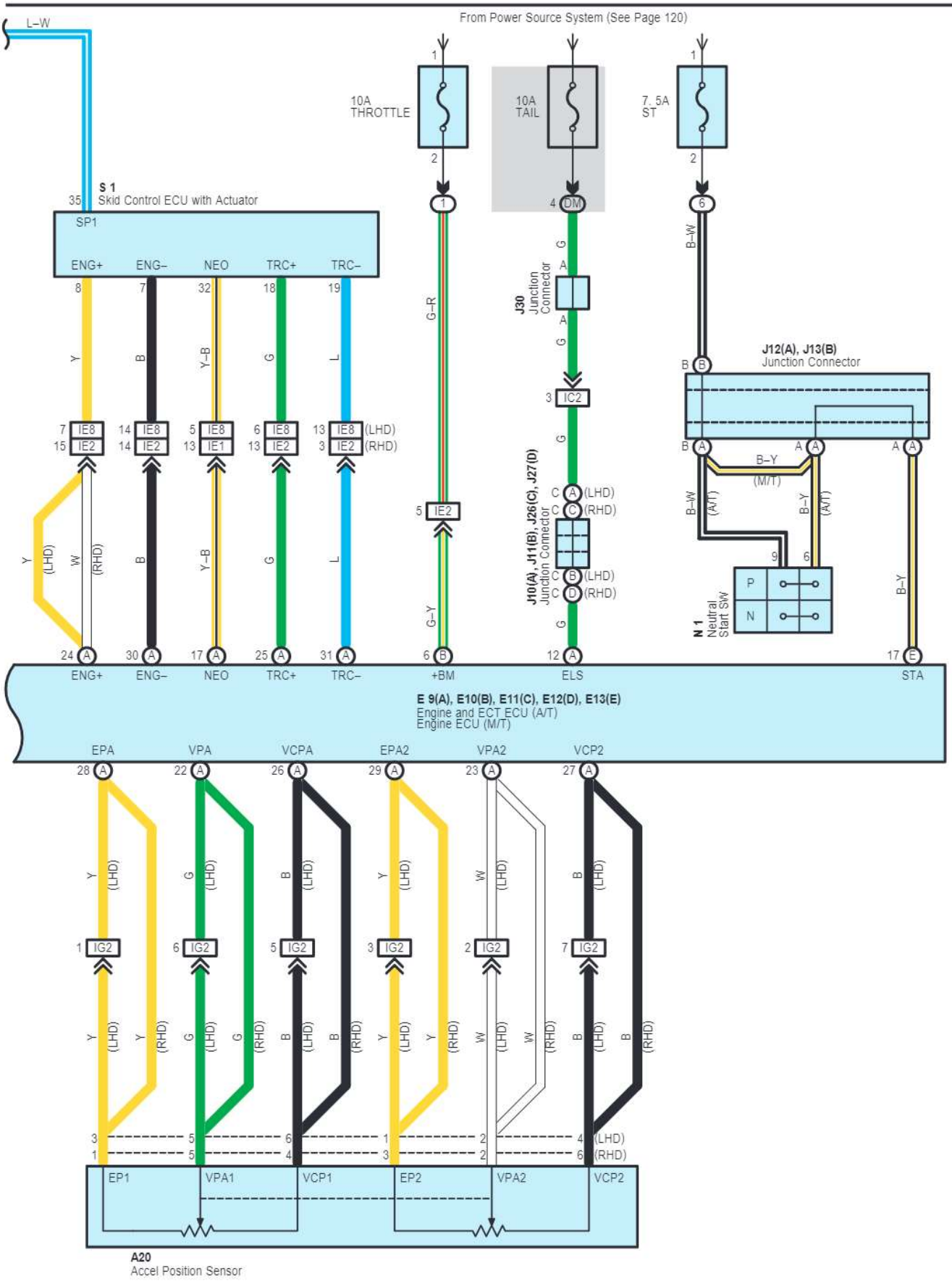

L–W
L–W
From Power Source System (See Page 120)
B–W(LHD)
B–W(RHD)
B–Y
GR
R–W(*1)
R–W(*2)
P
10A IGN
18 DA
B–W
C 9
Clutch
Start SW
A15
A/C Control Assembly
MPX–
MPX+
LG–B
(*1)
(*2)
IE2
IR1
IE1
IE3 (LHD)
IO1 (RHD)
J14(A)
Junction
Connector
J19
Junction
Connector
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
(LHD)
(RHD)
P–B
GR
B–Y
B–W
(LHD)
(RHD)
MPX2
D
MREL
BATT
IGSW
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
MPX1
SPD
+B
+B2
ME01
E03
E01
E02
E1
EOM
V–W
B–R
J10(A), J20(C)
Junction Connector
J14(A), J28(B)
Junction Connector
IE4 (LHD)
IP1 (RHD)
W–B
BR
J12(A), J13(B)
Junction Connector
EF
EE
E 3 : LHD
I 3 : RHD
* 1 : LHD M/T
* 2 : RHD M/T

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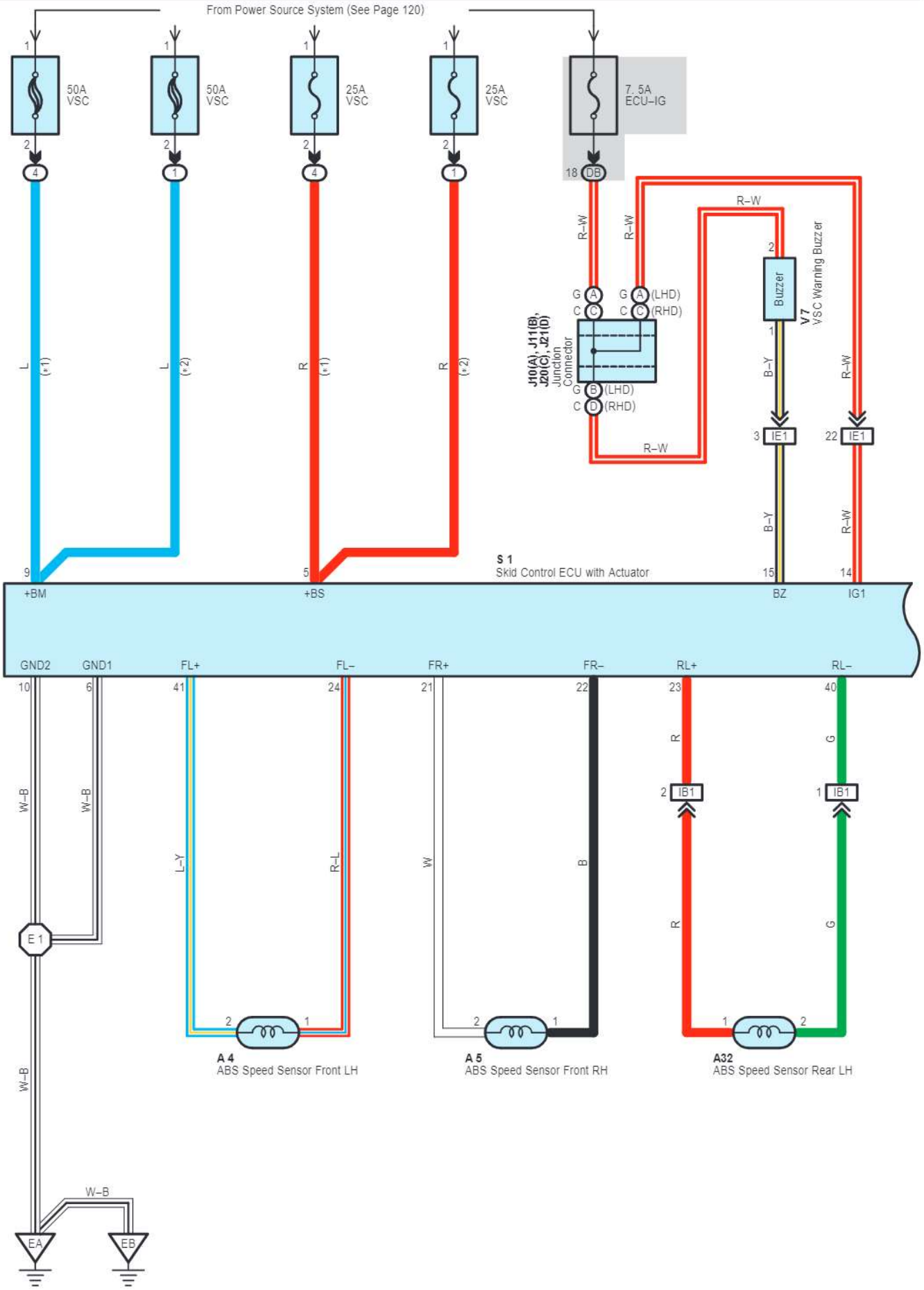
Cruise Control (1AZ–FSE)



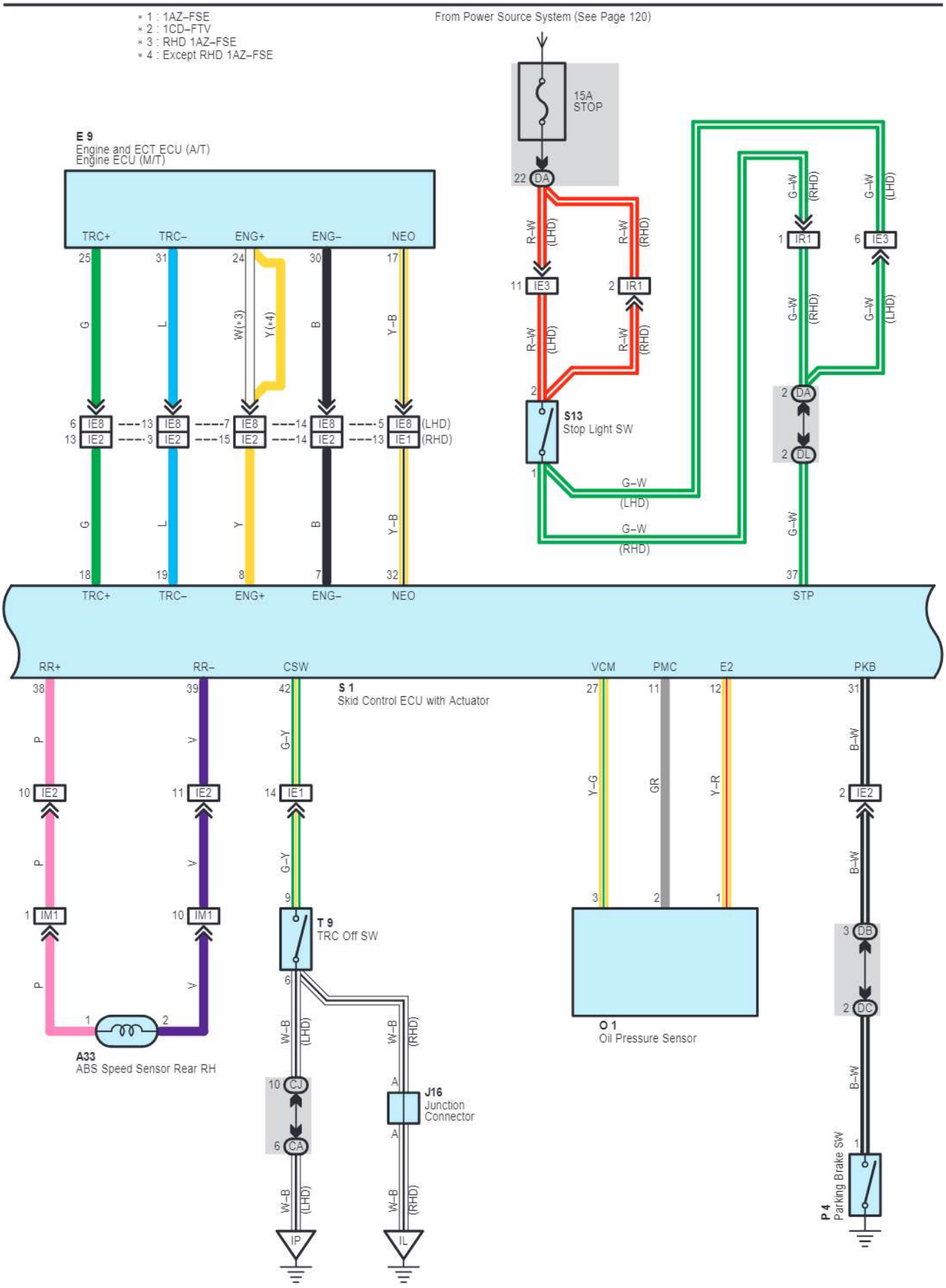
http://vnx.su


From Power Source System (See Page 120)
L–W
10A THROTTLE
10A TAIL
7.5A ST
S 1
35
Skid Control ECU with Actuator
SP1
ENG+
ENG–
NEO
TRC+
TRC–
J30 Junction Connector
J12(A), J13(B) Junction Connector
J10(A), J11(B), J26(C), J27(D) Junction Connector
(LHD)
(RHD)
(M/T)
(A/T)
N 1
Neutral Start SW
P
N
+BM
ELS
STA
E 9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
EPA
VPA
VCPA
EPA2
VPA2
VCP2
EP1
VPA1
VCP1
EP2
VPA2
VCP2
A20
Accel Position Sensor

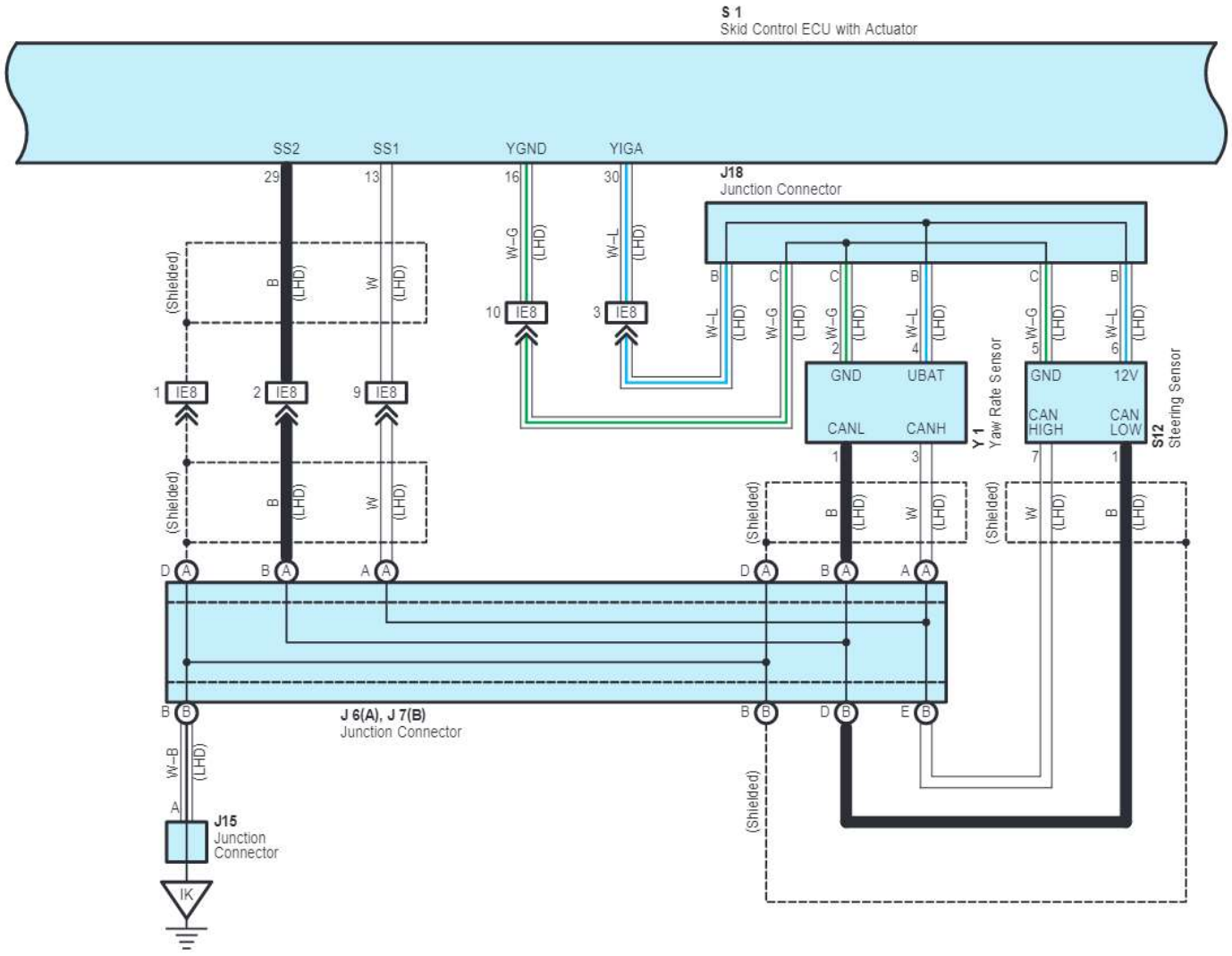
http://vnx.su


From Power Source System (See Page 120)
50A VSC
50A VSC
25A VSC
25A VSC
7. 5A ECU–IG
18 DB
R–W
R–W
G A (LHD)
C C (RHD)
J10(A), J11(B), J20(C), J21(D) Junction Connector
G B (LHD)
C D (RHD)
R–W
2 Buzzer
V7 VSC Warning Buzzer
1
B–Y
R–W
3 IE1
22 IE1
B–Y
R–W
L (*1)
L (*2)
R (*1)
R (*2)
S 1
Skid Control ECU with Actuator
9 +BM
5 +BS
15 BZ
14 IG1
GND2 10
GND1 6
FL+ 41
FL– 24
FR+ 21
FR– 22
RL+ 23
RL– 40
W–B
W–B
L–Y
R–L
W
B
R
G
2 IB1
1 IB1
E 1
W–B
W–B
EA
EB
A 4
ABS Speed Sensor Front LH
A 5
ABS Speed Sensor Front RH
A32
ABS Speed Sensor Rear LH

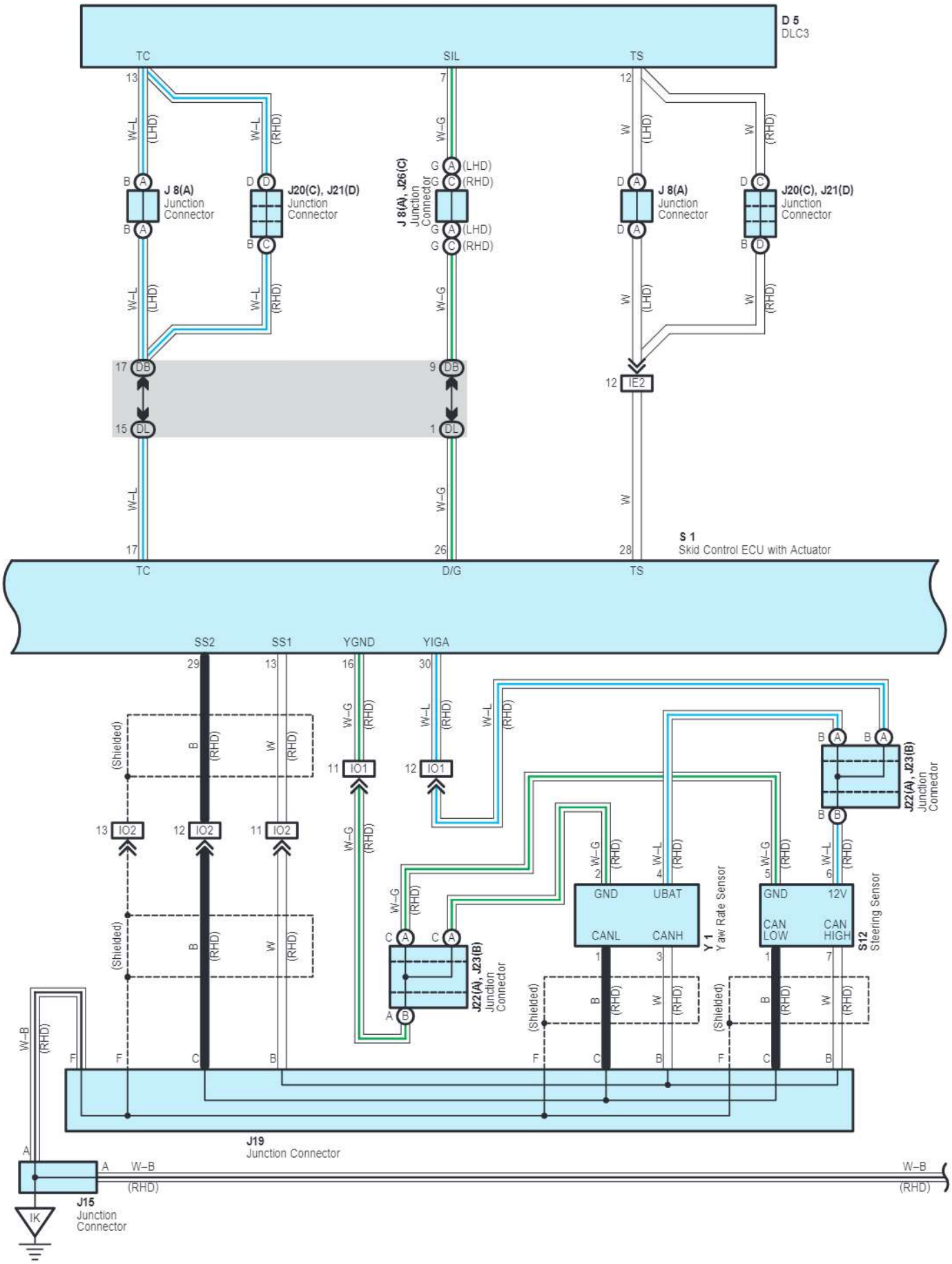
http://vnx.su


* 1 : 1AZ–FSE
* 2 : 1CD–FTV
* 3 : RHD 1AZ–FSE
* 4 : Except RHD 1AZ–FSE
From Power Source System (See Page 120)
15A STOP
E 9
Engine and ECT ECU (A/T)
Engine ECU (M/T)
TRC+
TRC–
ENG+
ENG–
NEO
S13
Stop Light SW
STP
RR+
RR–
CSW
S 1
Skid Control ECU with Actuator
VCM
PMC
E2
PKB
A33
ABS Speed Sensor Rear RH
T 9
TRC Off SW
J16
Junction Connector
O 1
Oil Pressure Sensor
P 4
Parking Brake SW

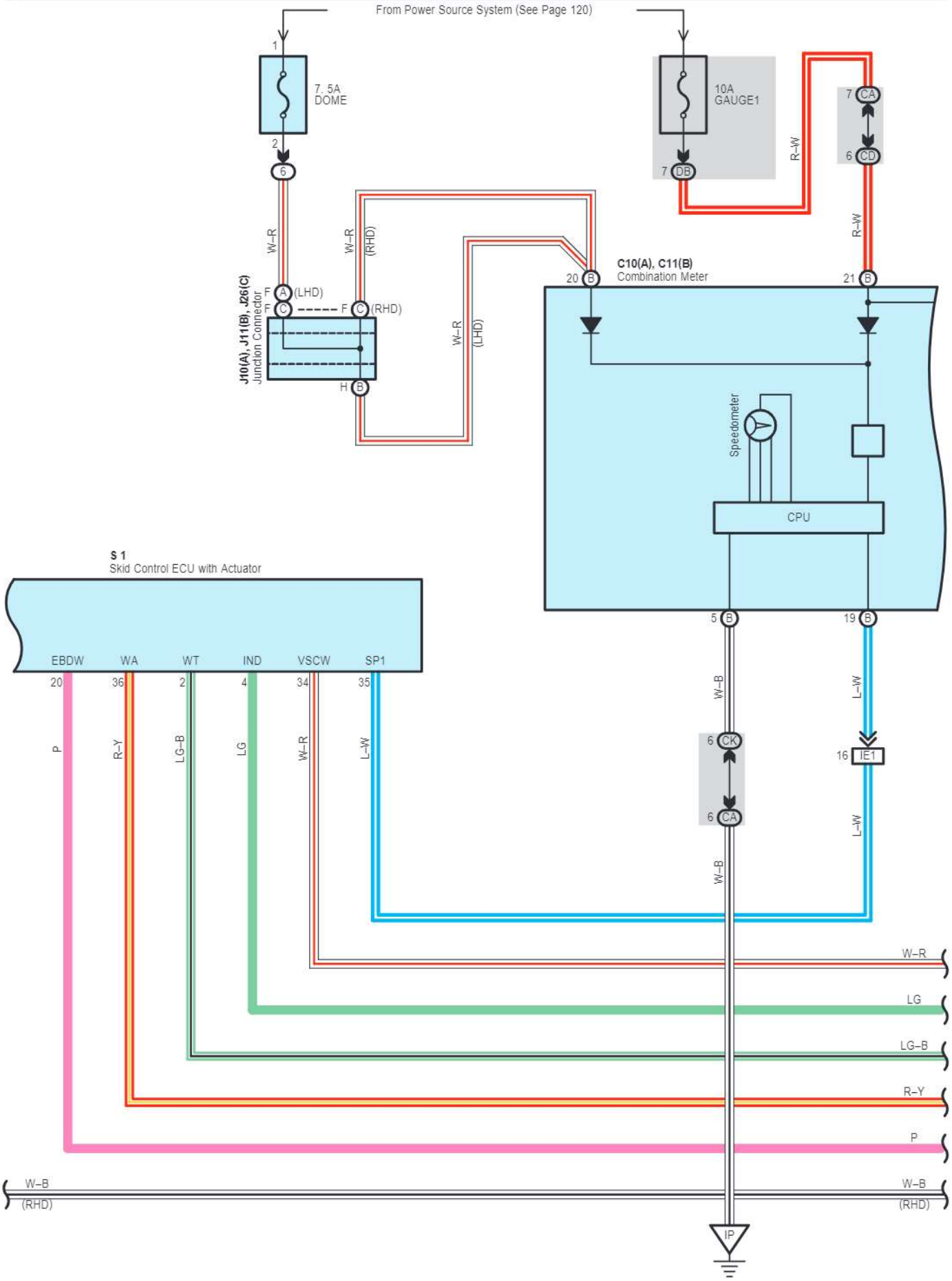
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S 1
Skid Control ECU with Actuator
SS2
SS1
YGND
YIGA
J18
Junction Connector
(Shielded)
W–G
W–L
(LHD)
IE8
GND
UBAT
CANL
CANH
Y 1
Yaw Rate Sensor
12V
CAN HIGH
CAN LOW
S12
Steering Sensor
J 6(A), J 7(B)
Junction Connector
W–B
J15
Junction Connector
IK

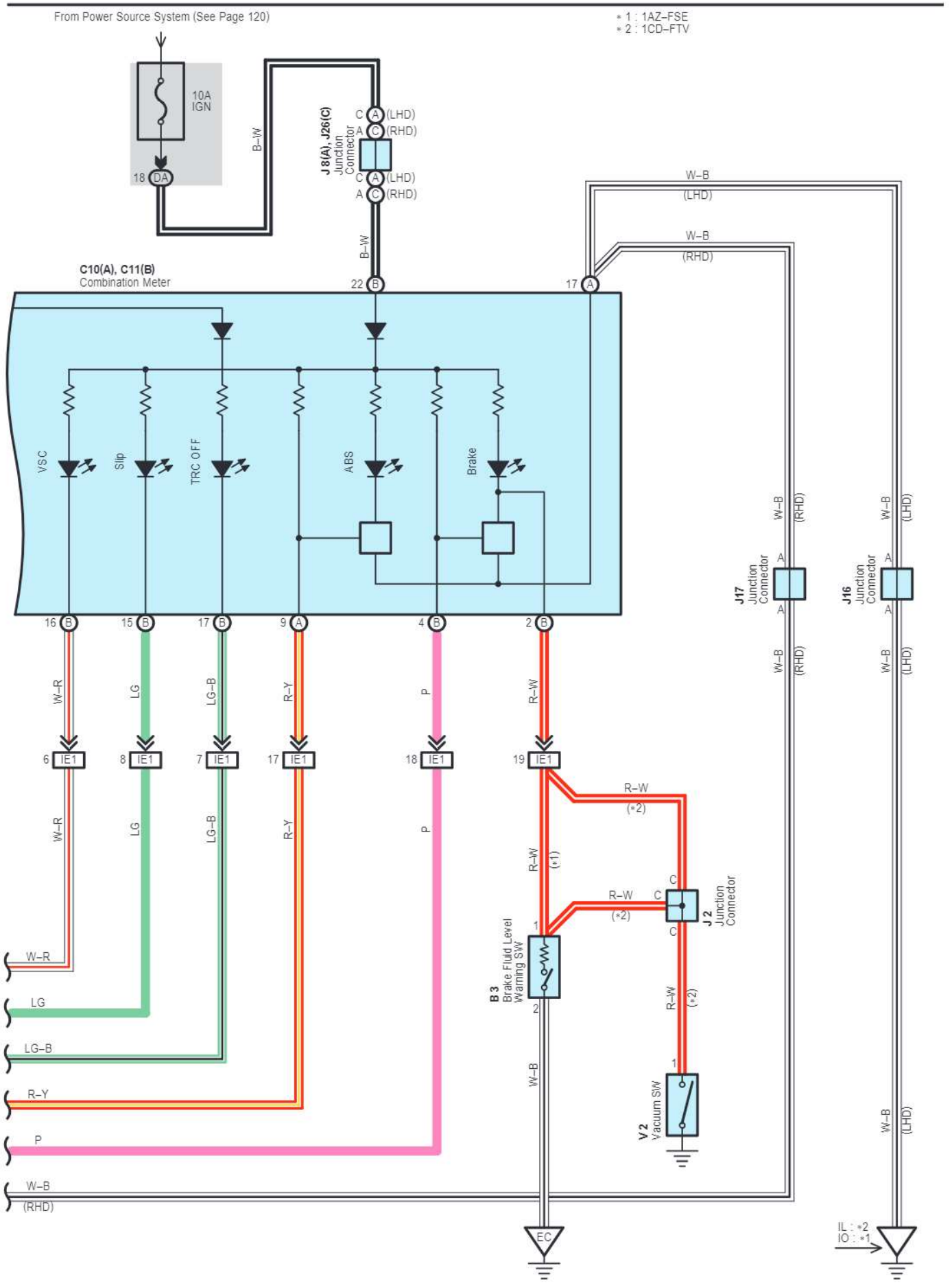
http://vnx.su


D 5
DLC3
TC
SIL
TS
J 8(A)
Junction Connector
J20(C), J21(D)
Junction Connector
J 8(A), J26(C)
Junction Connector
S 1
Skid Control ECU with Actuator
SS2
SS1
YGND
YIGA
J22(A), J23(B)
Junction Connector
Y 1
Yaw Rate Sensor
S12
Steering Sensor
GND
UBAT
CANL
CANH
12V
CAN LOW
CAN HIGH
J19
Junction Connector
J15
Junction Connector
(Shielded)
(RHD)
(LHD)

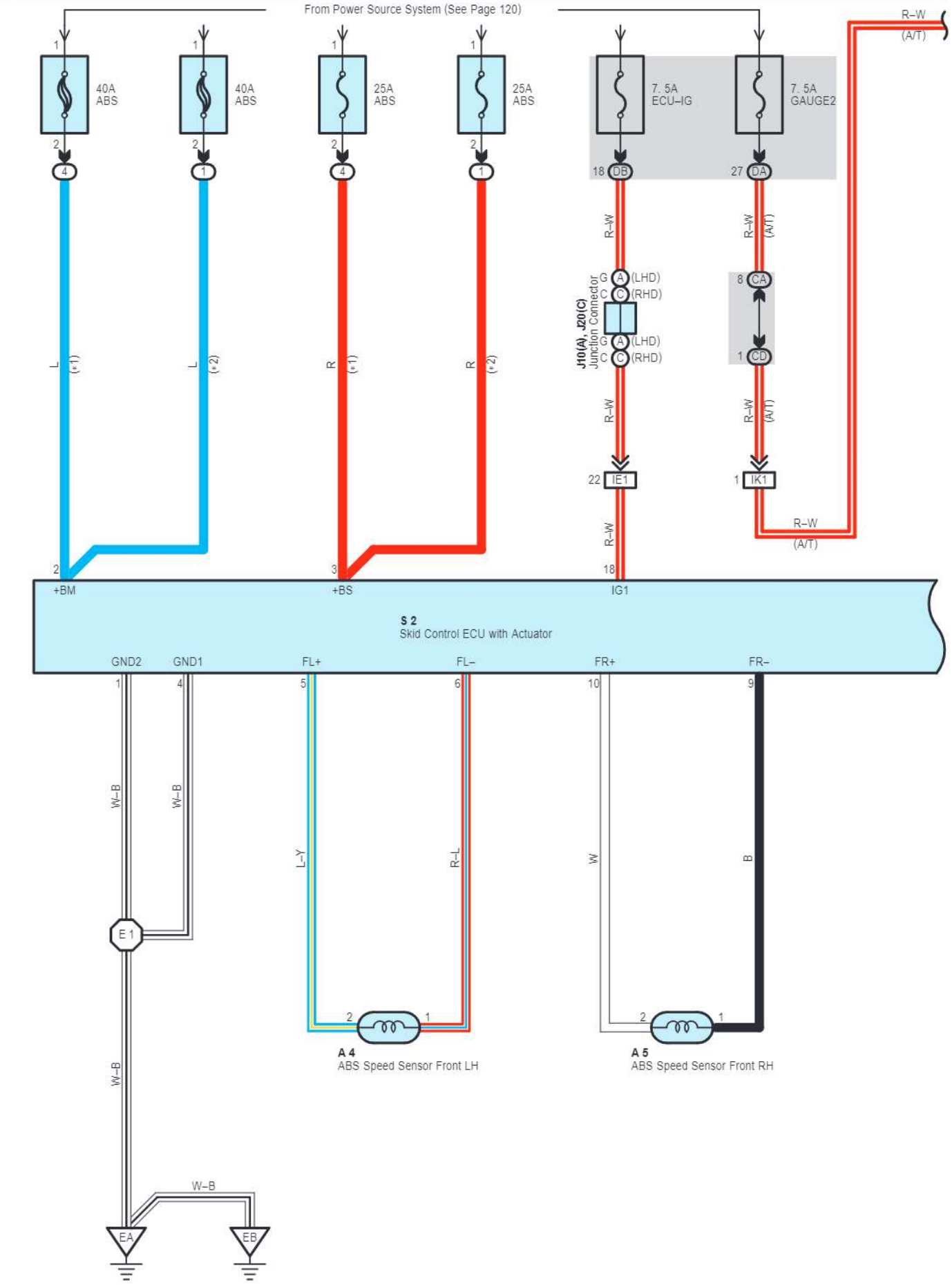
http://vnx.su


From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
W-R
R-W
W-R (RHD)
W-R (LHD)
J10(A), J11(B), J26(C) Junction Connector
(LHD)
(RHD)
C10(A), C11(B) Combination Meter
Speedometer
CPU
S 1 Skid Control ECU with Actuator
EBDW
WA
WT
IND
VSCW
SP1
P
R-Y
LG-B
LG
W-R
L-W
W-B
IE1
W-B (RHD)
IP

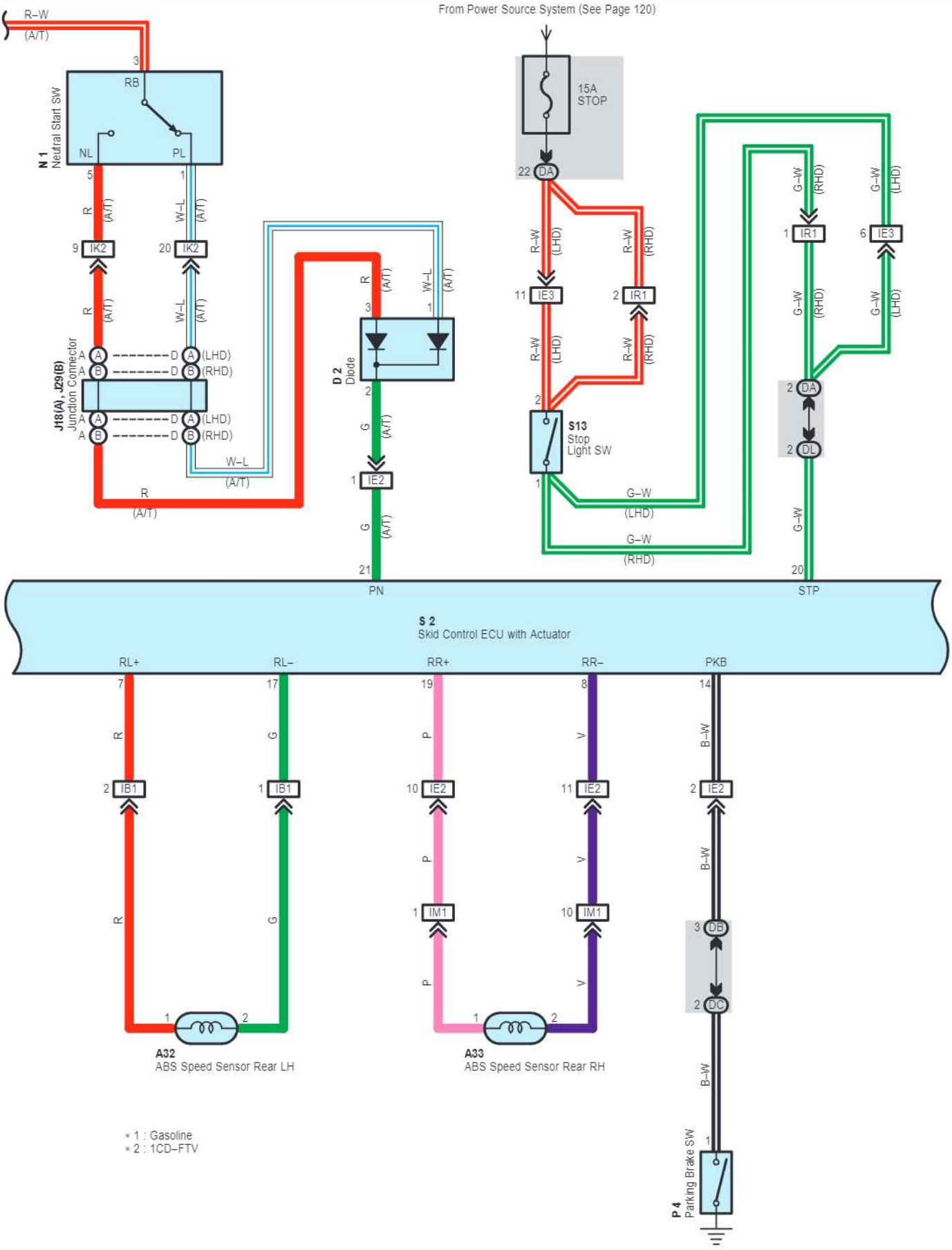
http://vnx.su


From Power Source System (See Page 120)
* 1 : 1AZ–FSE
* 2 : 1CD–FTV
10A IGN
18 DA
B–W
J8(A), J26(C) Junction Connector
C A (LHD)
A C (RHD)
C A (LHD)
A C (RHD)
B–W
C10(A), C11(B) Combination Meter
22 B
17 A
W–B (LHD)
W–B (RHD)
VSC
Slip
TRC OFF
ABS
Brake
16 B
15 B
17 B
9 A
4 B
2 B
W–R
LG
LG–B
R–Y
P
R–W
6 IE1
8 IE1
7 IE1
17 IE1
18 IE1
19 IE1
R–W (*2)
R–W (*1)
R–W (*2)
J17 Junction Connector
J16 Junction Connector
J2 Junction Connector
B3 Brake Fluid Level Warning SW
V2 Vacuum SW
W–R
LG
LG–B
R–Y
P
W–B (RHD)
W–B
EC
IL : *2
IO : *1

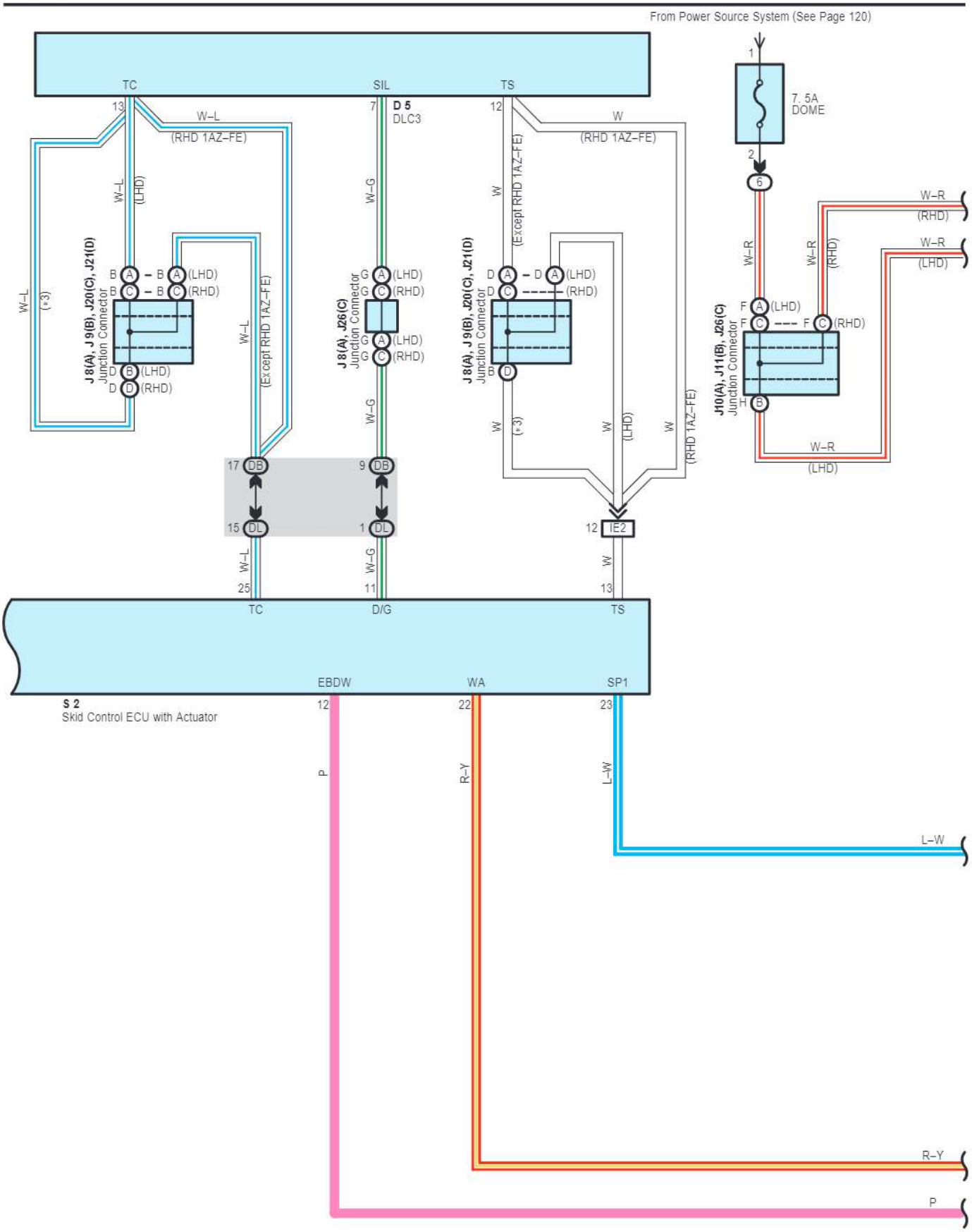
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From Power Source System (See Page 120)
40A ABS
40A ABS
25A ABS
25A ABS
7. 5A ECU–IG
7. 5A GAUGE2
R–W (A/T)
J10(A), J20(C) Junction Connector
(LHD)
(RHD)
IE1
IK1
+BM
+BS
IG1
S 2
Skid Control ECU with Actuator
GND2
GND1
FL+
FL–
FR+
FR–
E 1
EA
EB
W–B
L–Y
R–L
W
B
A 4
ABS Speed Sensor Front LH
A 5
ABS Speed Sensor Front RH

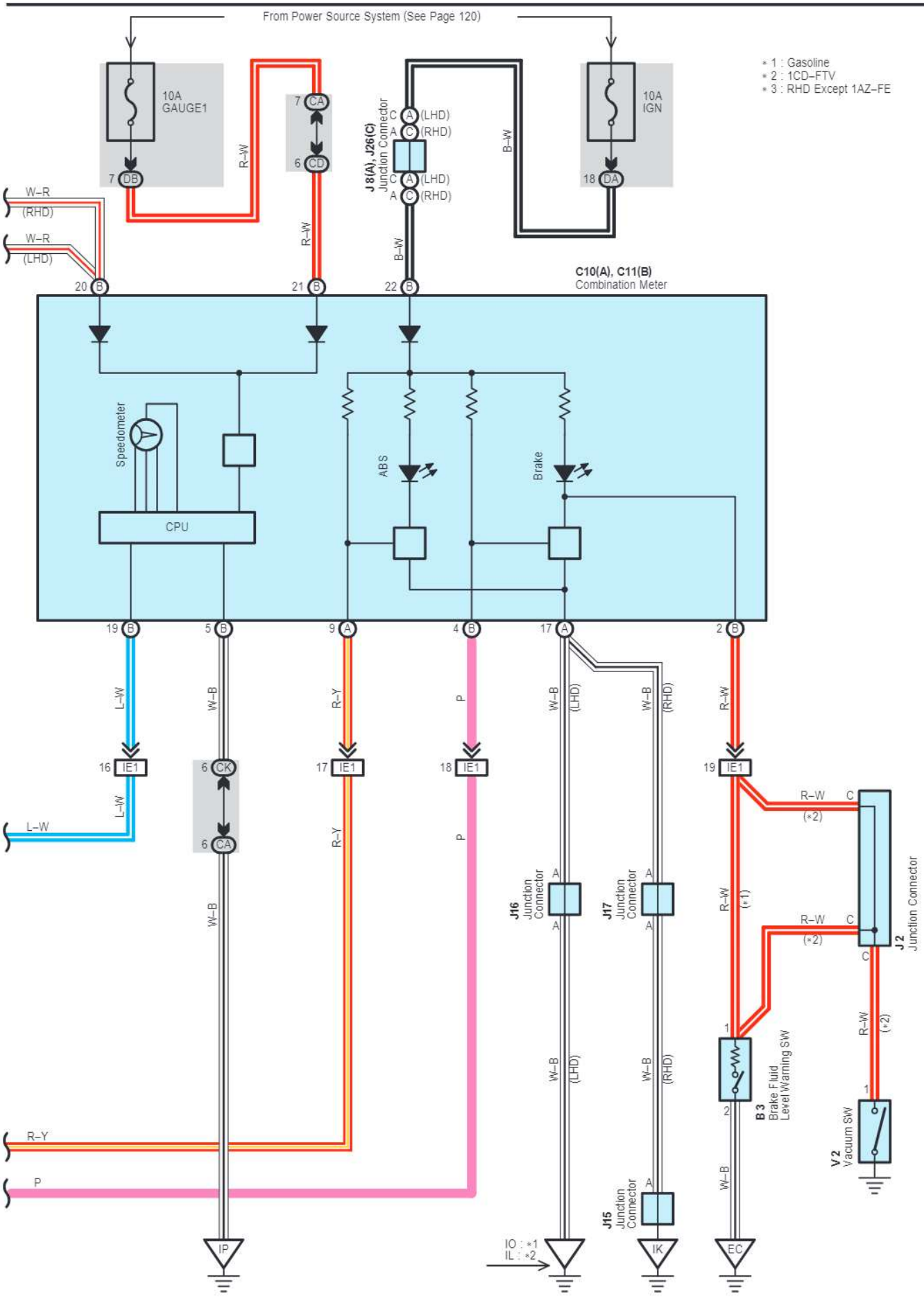
http://vnx.su


From Power Source System (See Page 120)
R–W
(A/T)
3
RB
N 1
Neutral Start SW
NL
PL
5
1
R
(A/T)
W–L
(A/T)
9 IK2
20 IK2
J18(A), J29(B)
Junction Connector
A
B
D
(LHD)
(RHD)
W–L
(A/T)
R
(A/T)
D 2
Diode
3
2
1
G
(A/T)
1 IE2
21
PN
15A
STOP
22 DA
R–W
(LHD)
R–W
(RHD)
11 IE3
2 IR1
S13
Stop
Light SW
G–W
(LHD)
G–W
(RHD)
1 IR1
6 IE3
2 DA
2 DL
20
STP
S 2
Skid Control ECU with Actuator
RL+
RL–
RR+
RR–
PKB
7
17
19
8
14
R
G
P
V
B–W
2 IB1
1 IB1
10 IE2
11 IE2
2 IE2
1 IM1
10 IM1
3 DB
2 DC
1
2
A32
ABS Speed Sensor Rear LH
A33
ABS Speed Sensor Rear RH
P 4
Parking Brake SW
* 1 : Gasoline
* 2 : 1CD–FTV

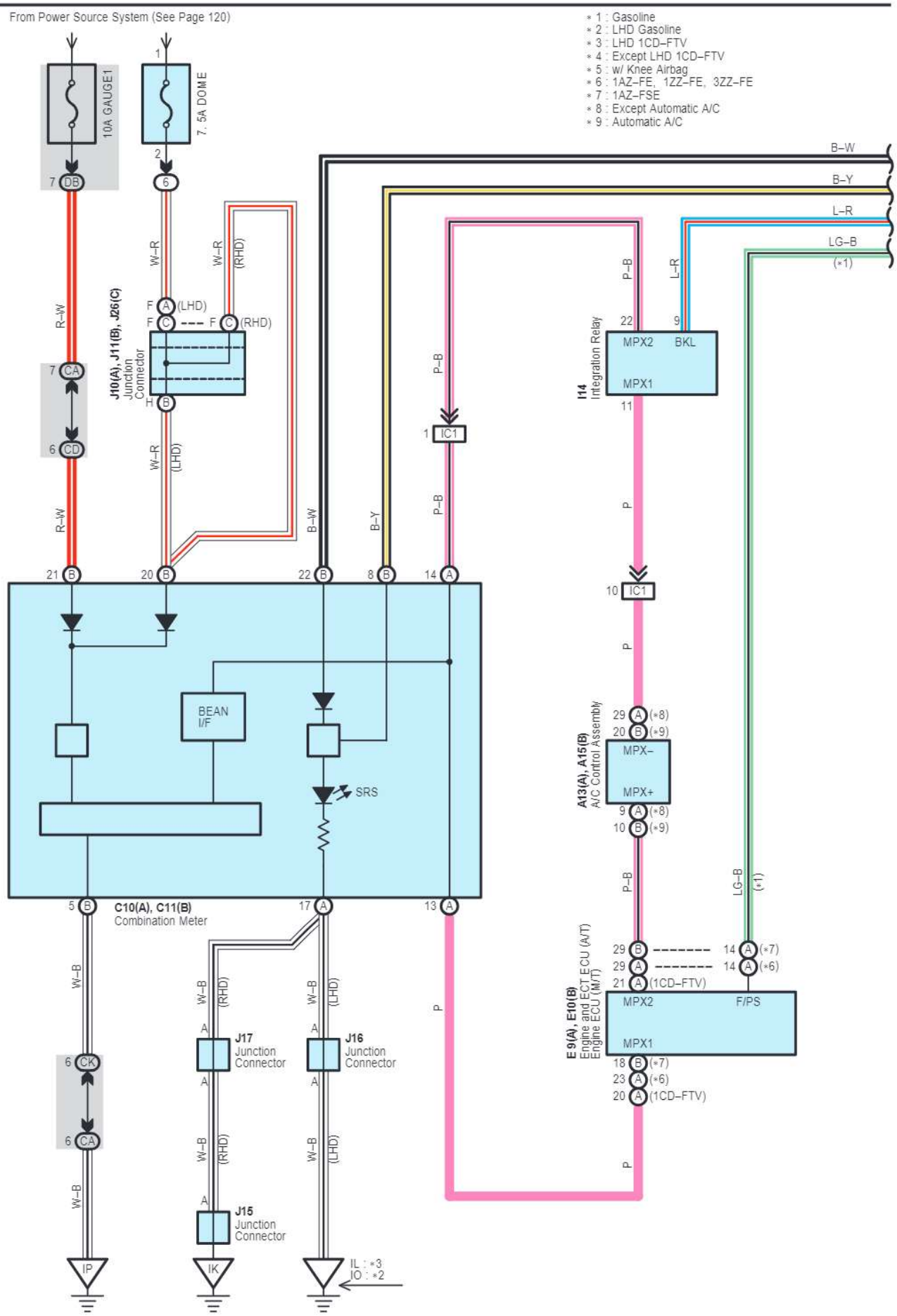
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From Power Source System (See Page 120)
TC
SIL
TS
13
7
12
W-L
(RHD 1AZ-FE)
D 5
DLC3
W
(RHD 1AZ-FE)
1
7.5A
DOME
2
6
W-L
(LHD)
W-G
W
(Except RHD 1AZ-FE)
W-R
(RHD)
W-R
(LHD)
J8(A), J9(B), J20(C), J21(D)
Junction Connector
J8(A), J26(C)
Junction Connector
J10(A), J11(B), J26(C)
Junction Connector
(LHD)
(RHD)
(*3)
(Except RHD 1AZ-FE)
17
DB
9
DB
15
DL
1
DL
12
IE2
W-L
W-G
W
25
11
13
TC
D/G
TS
S 2
Skid Control ECU with Actuator
EBDW
WA
SP1
12
22
23
P
R-Y
L-W
(RHD 1AZ-FE)

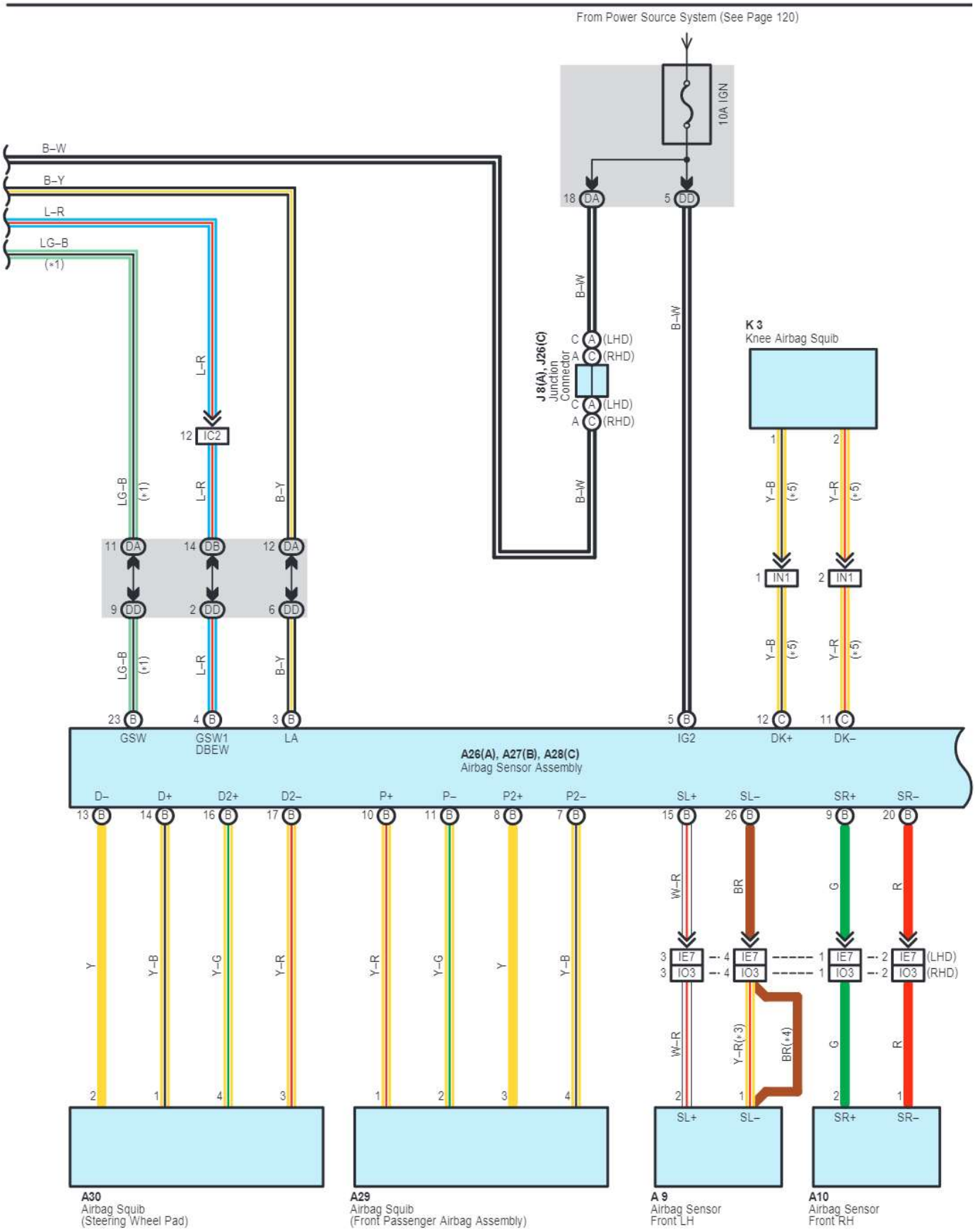
http://vnx.su


From Power Source System (See Page 120)
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : RHD Except 1AZ–FE
10A GAUGE1
10A IGN
J8(A), J26(C) Junction Connector
(LHD)
(RHD)
C10(A), C11(B) Combination Meter
Speedometer
CPU
ABS
Brake
R–W
W–R
B–W
L–W
W–B
R–Y
P
J16 Junction Connector
J17 Junction Connector
J15 Junction Connector
J2 Junction Connector
B3 Brake Fluid Level Warning SW
V2 Vacuum SW
IO : *1
IL : *2
IP
IK
EC

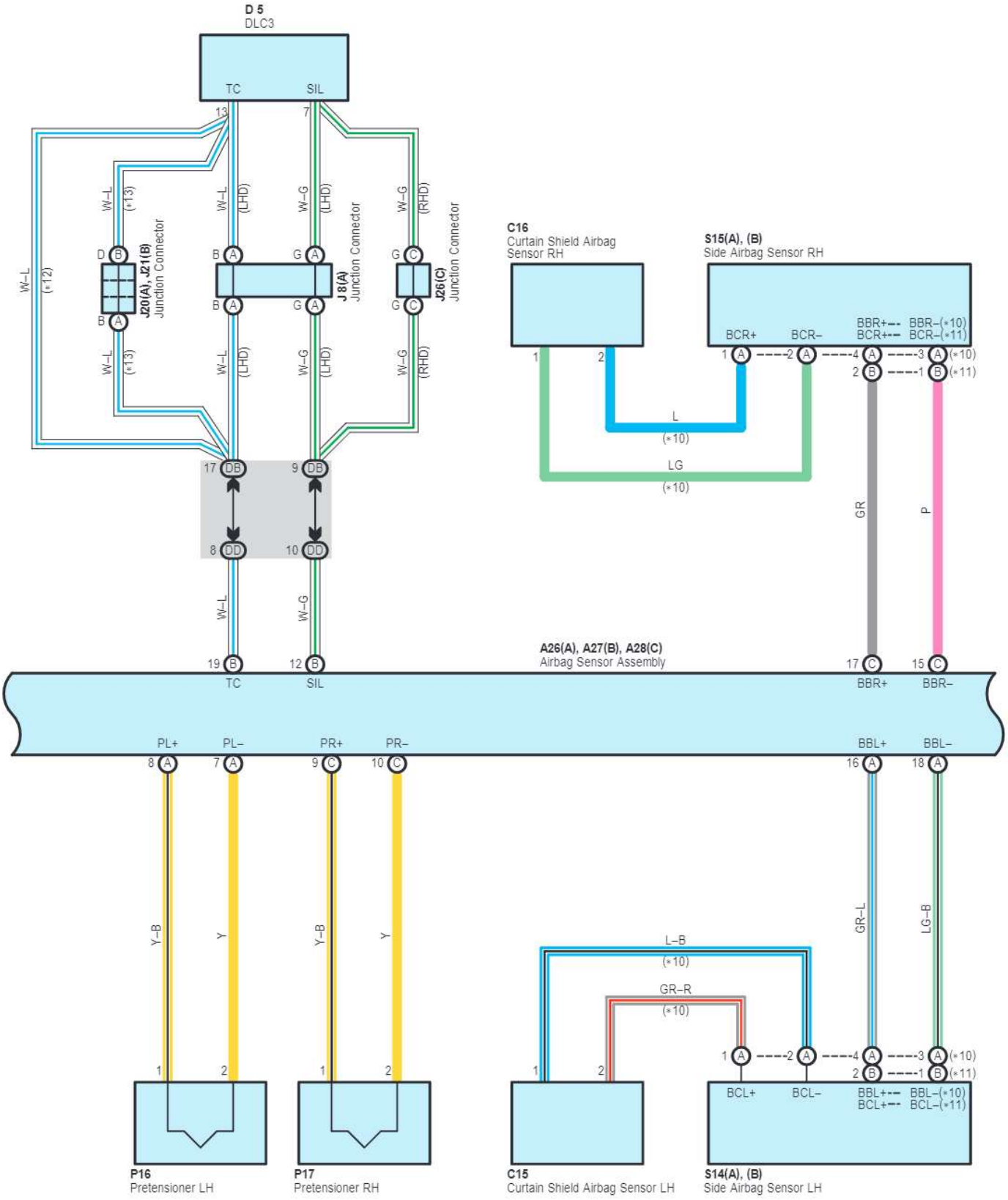
http://vnx.su


From Power Source System (See Page 120)
* 1 : Gasoline
* 2 : LHD Gasoline
* 3 : LHD 1CD–FTV
* 4 : Except LHD 1CD–FTV
* 5 : w/ Knee Airbag
* 6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 7 : 1AZ–FSE
* 8 : Except Automatic A/C
* 9 : Automatic A/C
10A GAUGE1
7.5A DOME
B–W
B–Y
L–R
LG–B
(*1)
J10(A), J11(B), J26(C) Junction Connector
(LHD)
(RHD)
I14 Integration Relay
MPX2
BKL
MPX1
IC1
BEAN I/F
SRS
C10(A), C11(B) Combination Meter
A13(A), A15(B) A/C Control Assembly
MPX–
MPX+
E 9(A), E10(B) Engine and ECT ECU (A/T) Engine ECU (M/T)
F/PS
1CD–FTV
J17 Junction Connector
J16 Junction Connector
J15 Junction Connector
IP
IK
IL : *3
IO : *2

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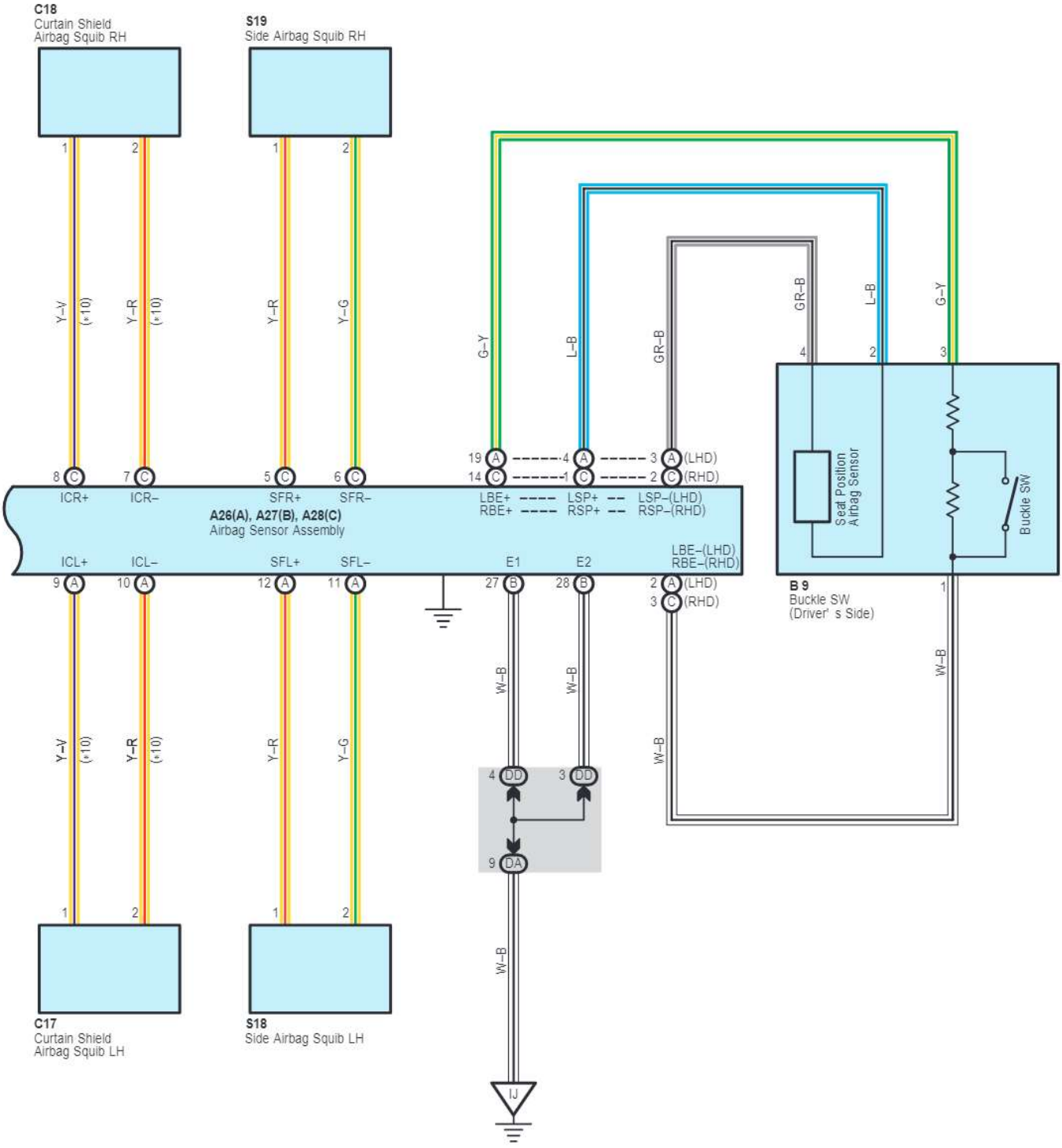

From Power Source System (See Page 120)
10A IGN
B–W
B–Y
L–R
LG–B
(*1)
18 DA
5 DD
J 8(A), J26(C)
Junction Connector
C A (LHD)
A C (RHD)
K 3
Knee Airbag Squib
12 IC2
11 DA
14 DB
12 DA
9 DD
2 DD
6 DD
1 IN1
2 IN1
Y–B
Y–R
(*5)
23 B
4 B
3 B
5 B
12 C
11 C
GSW
GSW1
DBEW
LA
IG2
DK+
DK–
A26(A), A27(B), A28(C)
Airbag Sensor Assembly
D–
D+
D2+
D2–
P+
P–
P2+
P2–
SL+
SL–
SR+
SR–
13 B
14 B
16 B
17 B
10 B
11 B
8 B
7 B
15 B
26 B
9 B
20 B
Y
Y–B
Y–G
Y–R
W–R
BR
G
R
3 IE7
3 IO3
4 IE7
4 IO3
1 IE7
1 IO3
2 IE7
2 IO3
(LHD)
(RHD)
Y–R(*3)
BR(*4)
2
1
4
3
A30
Airbag Squib
(Steering Wheel Pad)
A29
Airbag Squib
(Front Passenger Airbag Assembly)
A 9
Airbag Sensor
Front LH
A10
Airbag Sensor
Front RH

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D 5
DLC3
TC
SIL
13
7
W–L
(*13)
W–L
(LHD)
W–G
(LHD)
W–G
(RHD)
W–L
(*12)
D
B
J20(A), J21(B)
Junction Connector
B
A
G
A
J 8(A)
Junction Connector
G
C
J26(C)
Junction Connector
17
DB
9
DB
8
DD
10
DD
19
B
TC
12
B
SIL
C16
Curtain Shield Airbag
Sensor RH
S15(A), (B)
Side Airbag Sensor RH
BCR+
BCR–
BBR+
BBR–(*10)
BCR+
BCR–(*11)
L
(*10)
LG
(*10)
GR
P
A26(A), A27(B), A28(C)
Airbag Sensor Assembly
17
C
BBR+
15
C
BBR–
PL+
PL–
PR+
PR–
BBL+
BBL–
Y–B
Y
Y–B
Y
GR–L
LG–B
L–B
(*10)
GR–R
(*10)
BCL+
BCL–
BBL+
BBL–(*10)
BCL+
BCL–(*11)
P16
Pretensioner LH
P17
Pretensioner RH
C15
Curtain Shield Airbag Sensor LH
S14(A), (B)
Side Airbag Sensor LH

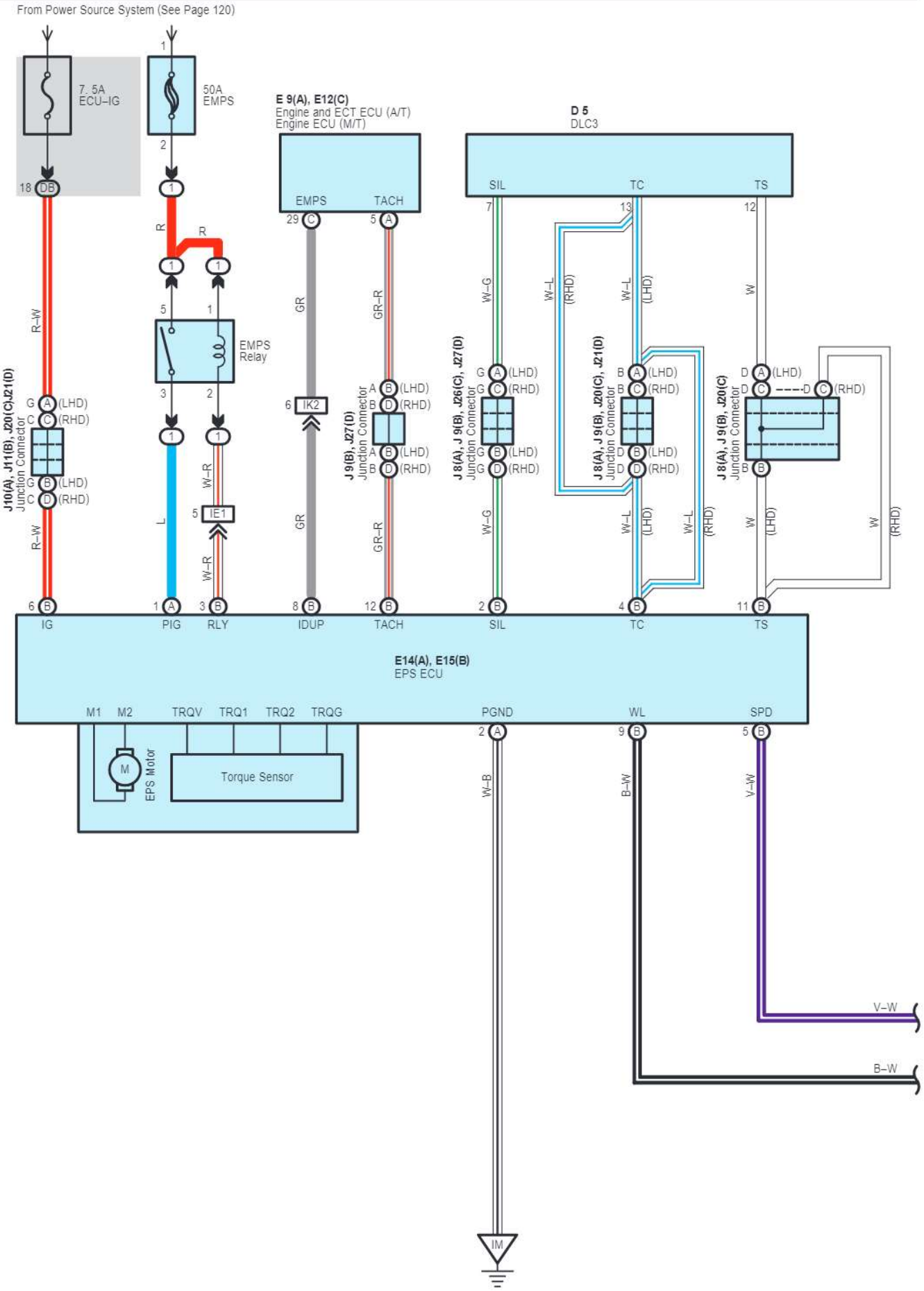
http://vnx.su

*10 : w/ Curtain Shield Airbag
*11 : w/o Curtain Shield Airbag
*12 : RHD 1AZ–FE
*13 : RHD Except 1AZ–FE

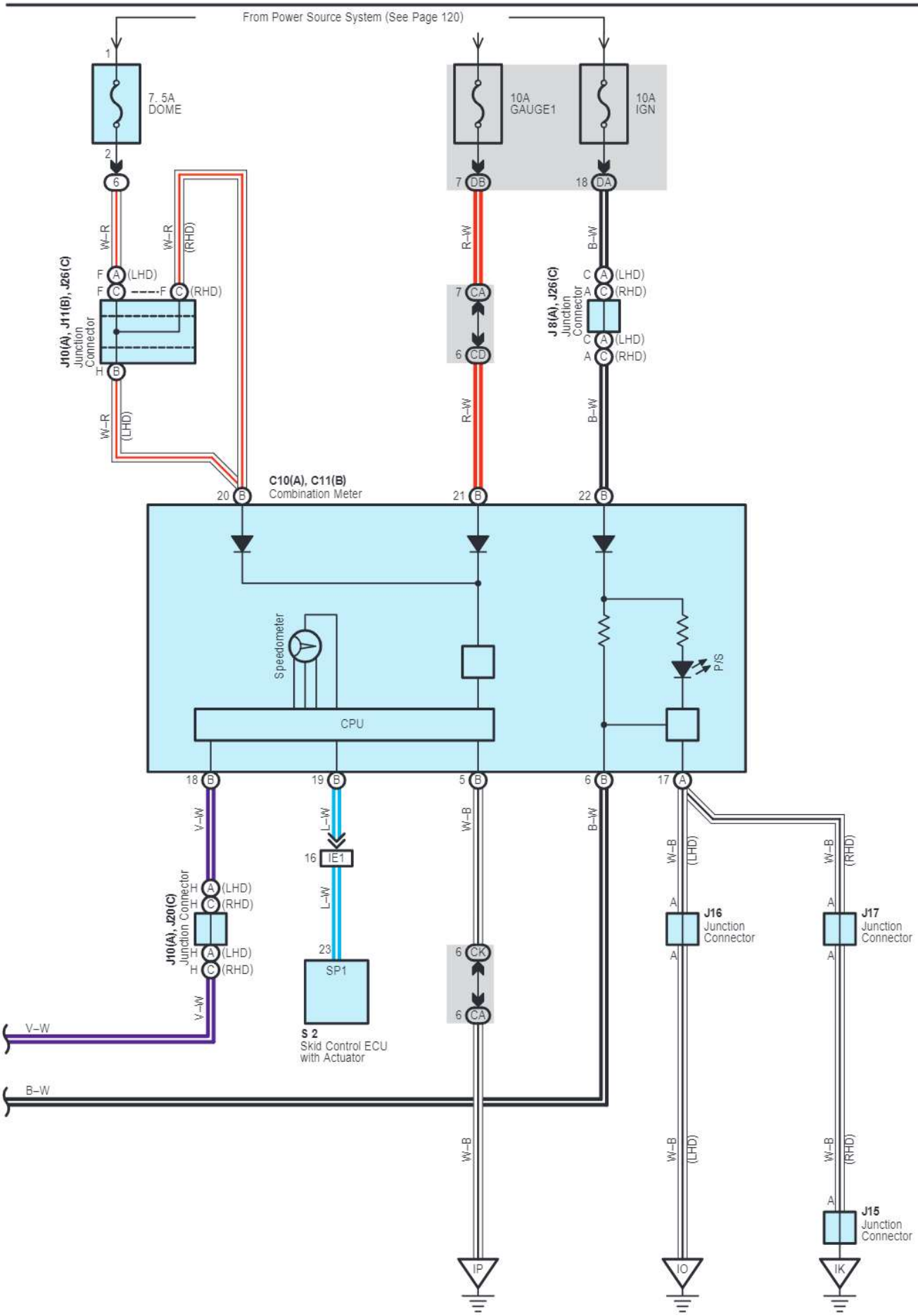


http://vnx.su

EPS

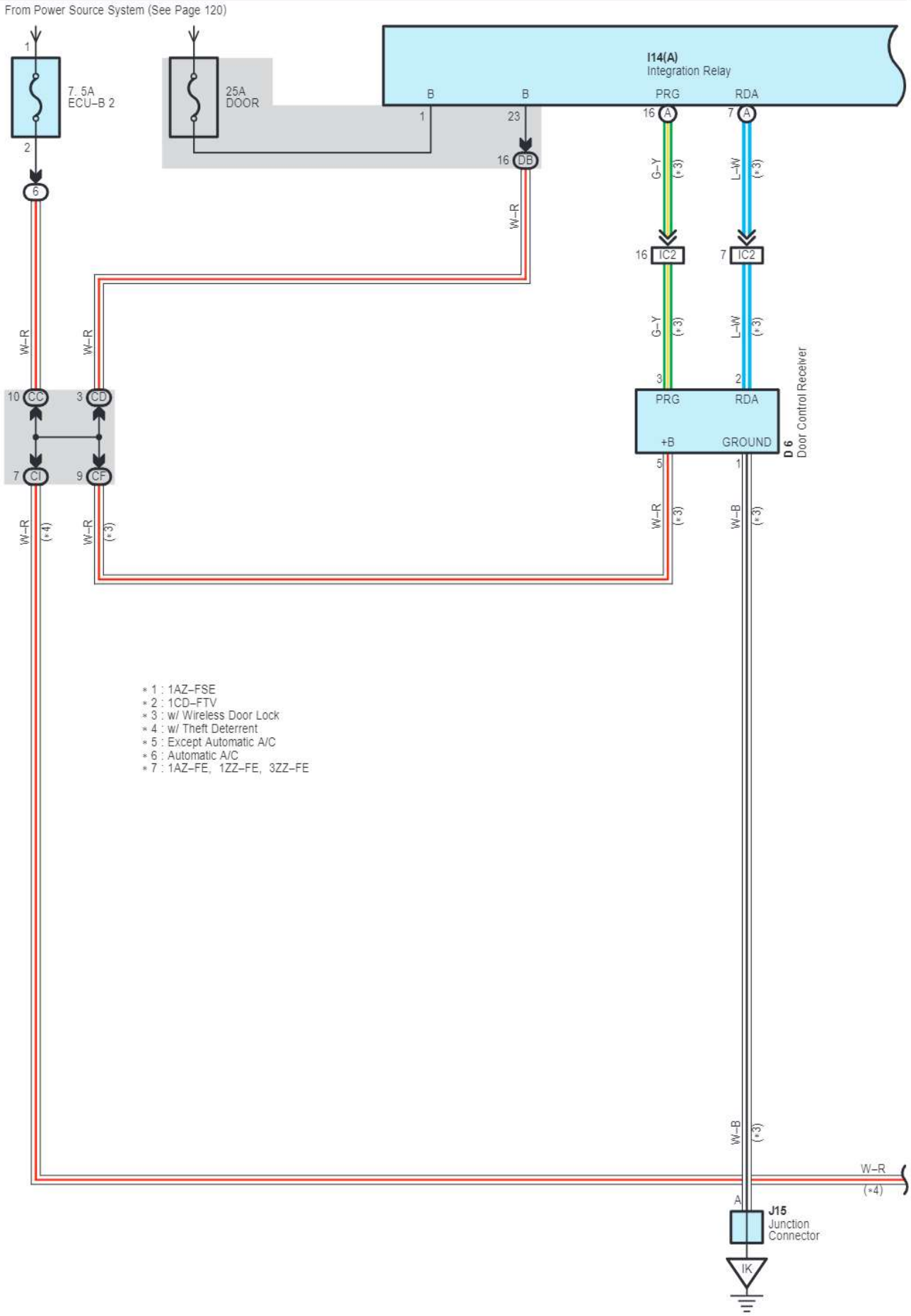


http://vnx.su

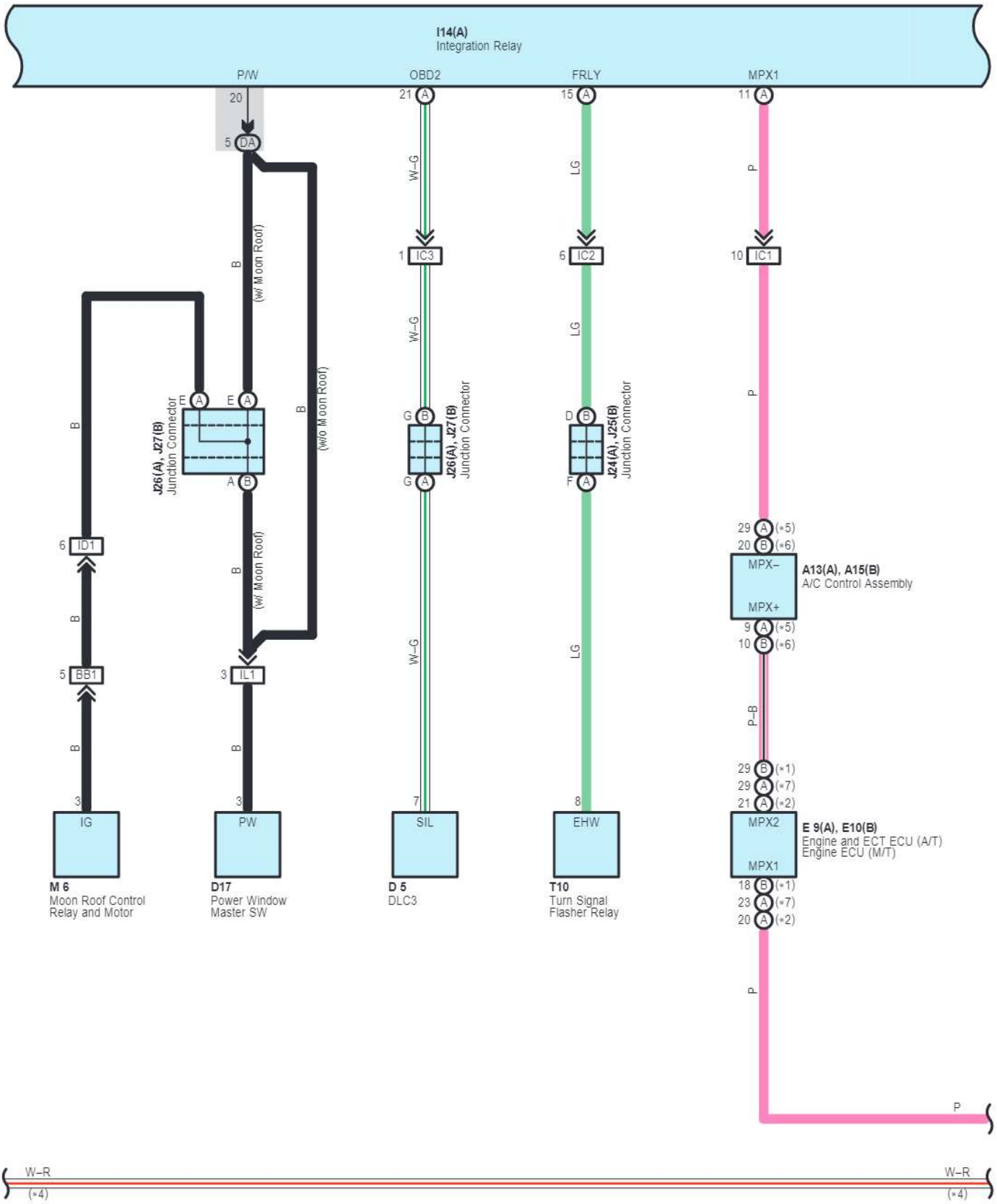

From Power Source System (See Page 120)
7.5A DOME
10A GAUGE1
10A IGN
J10(A), J11(B), J26(C) Junction Connector
J8(A), J26(C) Junction Connector
C10(A), C11(B) Combination Meter
Speedometer
CPU
P/S
J10(A), J20(C) Junction Connector
IE1
SP1
S 2 Skid Control ECU with Actuator
J16 Junction Connector
J17 Junction Connector
J15 Junction Connector
IP
IO
IK
W–R
R–W
B–W
V–W
L–W
W–B
(LHD)
(RHD)

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Door Lock Control (RHD) and Theft Deterrent

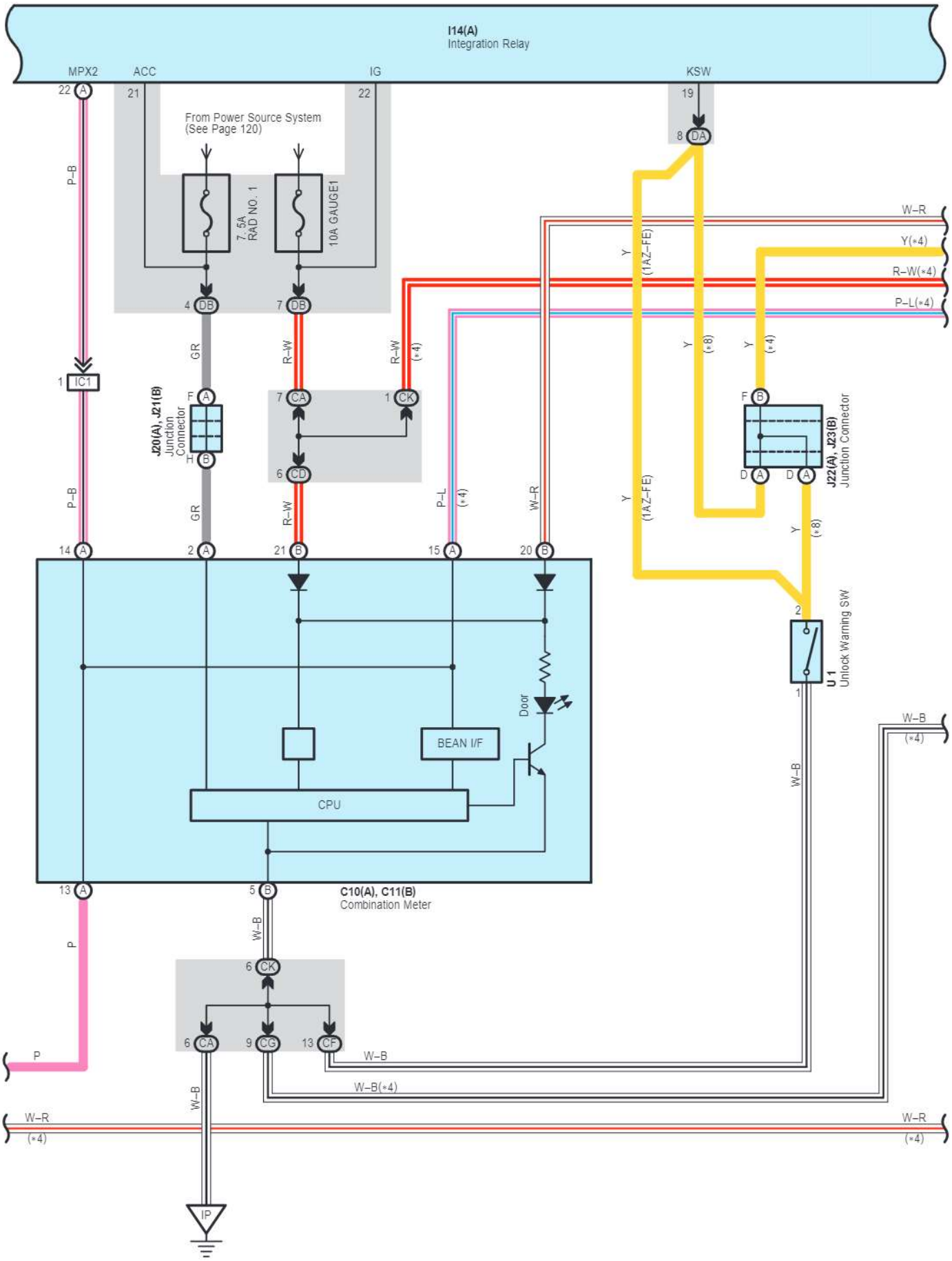


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I14(A)
Integration Relay
P/W
OBD2
FRLY
MPX1
20
5 DA
21 A
15 A
11 A
W–G
LG
P
1 IC3
6 IC2
10 IC1
B
(w/ Moon Roof)
(w/o Moon Roof)
J26(A), J27(B)
Junction Connector
J26(A), J27(B)
Junction Connector
J24(A), J25(B)
Junction Connector
6 ID1
5 BB1
3 IL1
29 A (*5)
20 B (*6)
MPX–
MPX+
A13(A), A15(B)
A/C Control Assembly
9 A (*5)
10 B (*6)
P–B
29 B (*1)
29 A (*7)
21 A (*2)
MPX2
MPX1
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
18 B (*1)
23 A (*7)
20 A (*2)
IG
PW
SIL
EHW
M 6
Moon Roof Control Relay and Motor
D17
Power Window Master SW
D 5
DLC3
T10
Turn Signal Flasher Relay
W–R
(*4)

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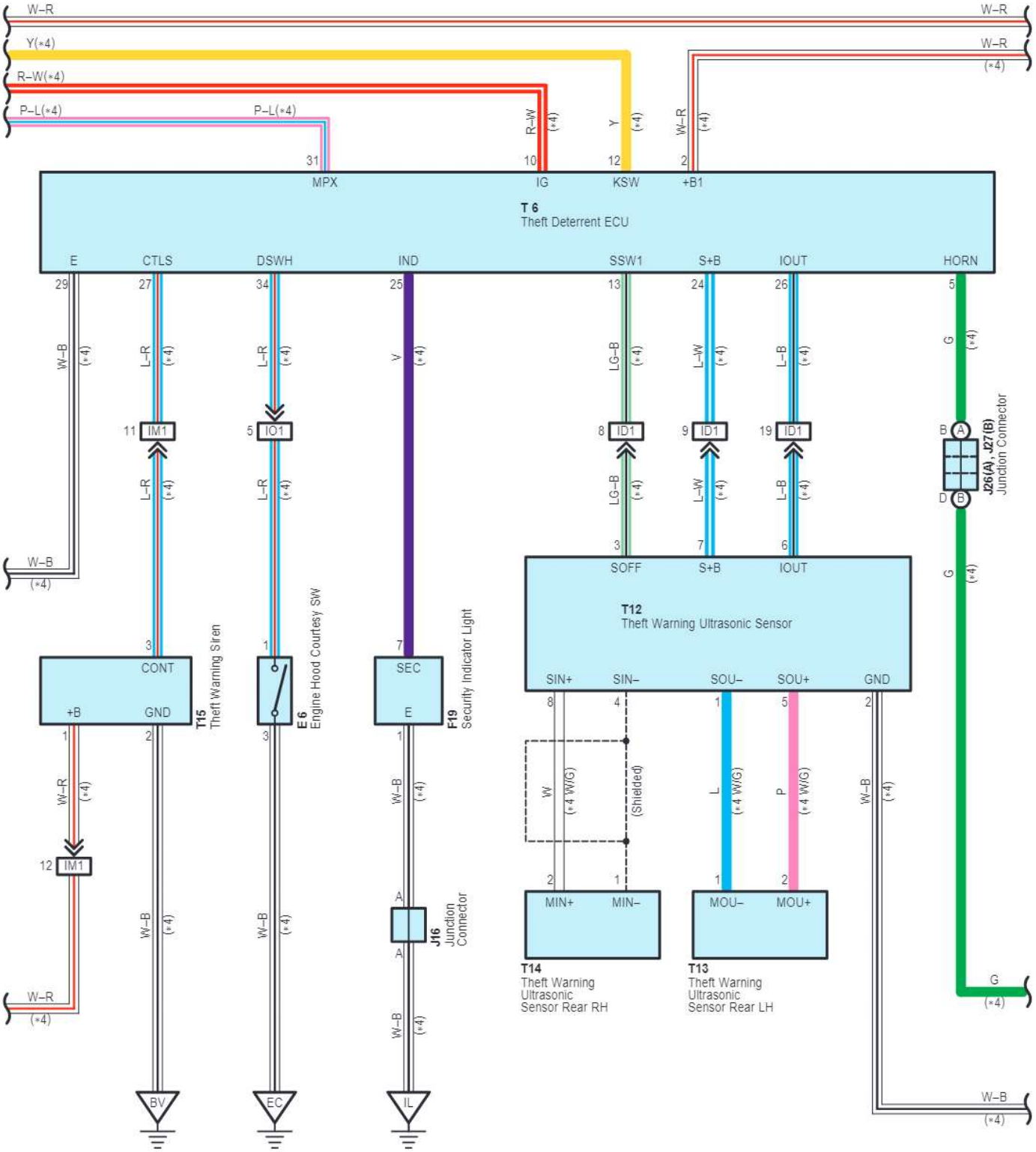
Door Lock Control (RHD) and Theft Deterrent



http://vnx.su

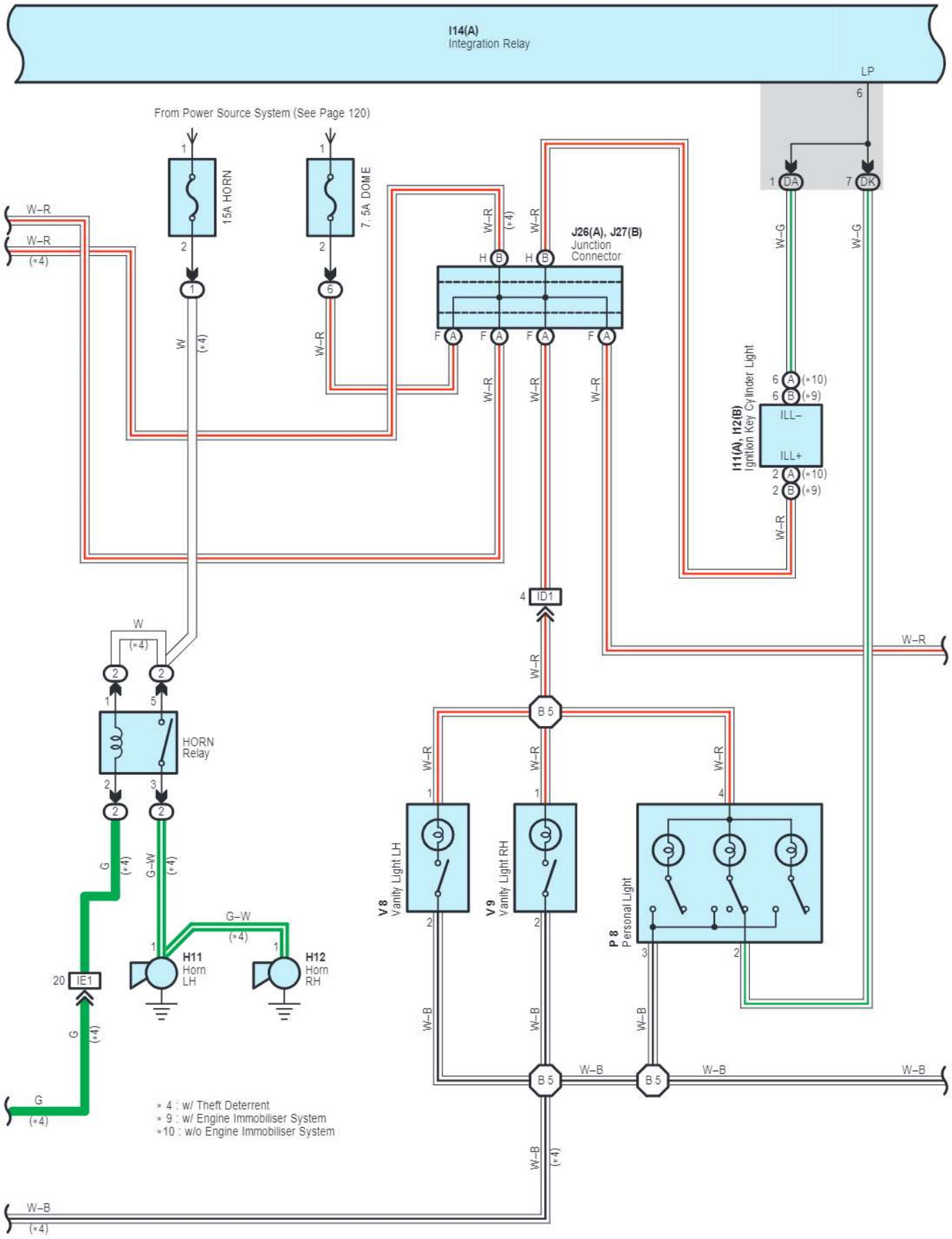
I14(A)
Integration Relay

* 4 : w/ Theft Deterrent
* 8 : Except 1AZ–FE

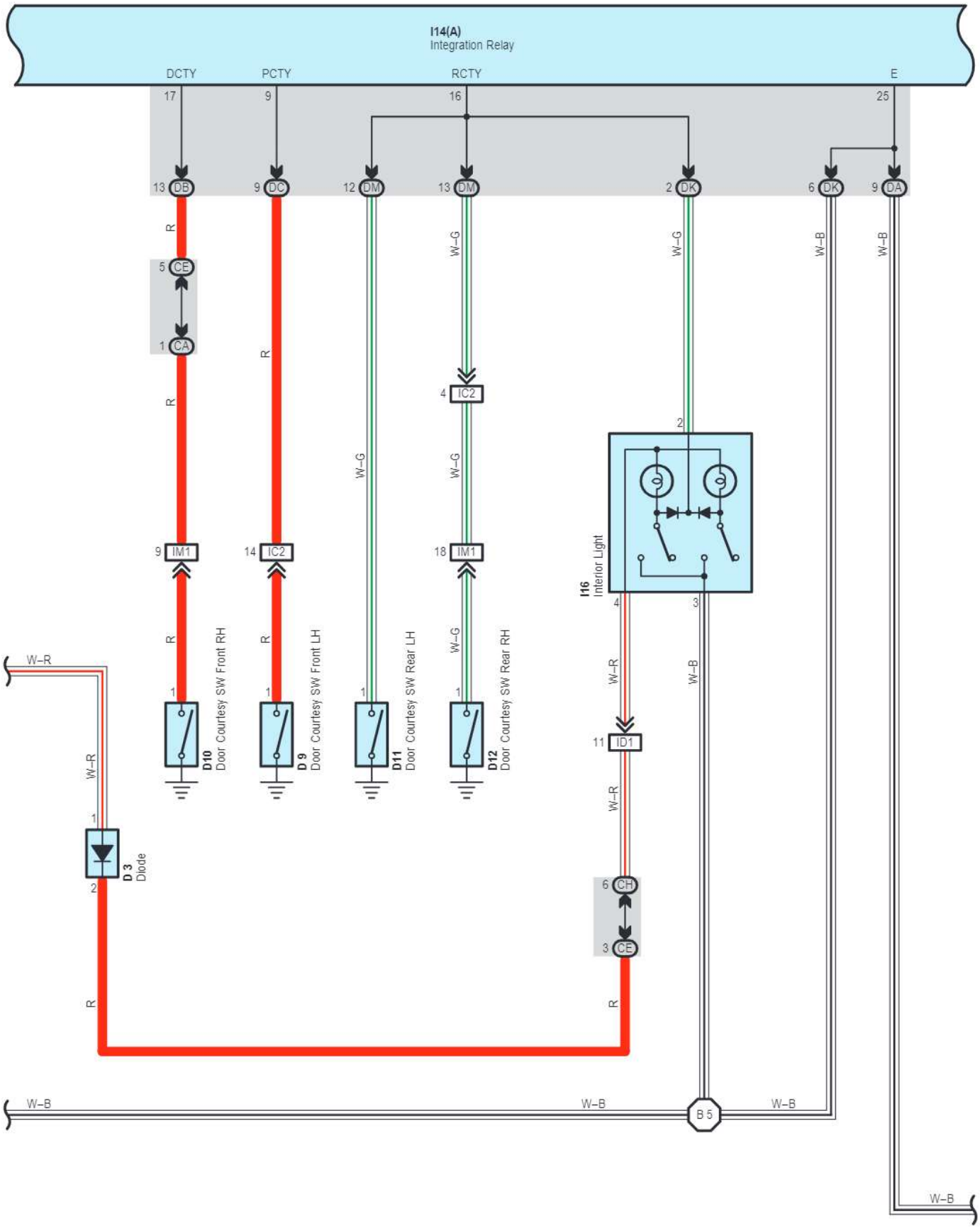


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Door Lock Control (RHD) and Theft Deterrent

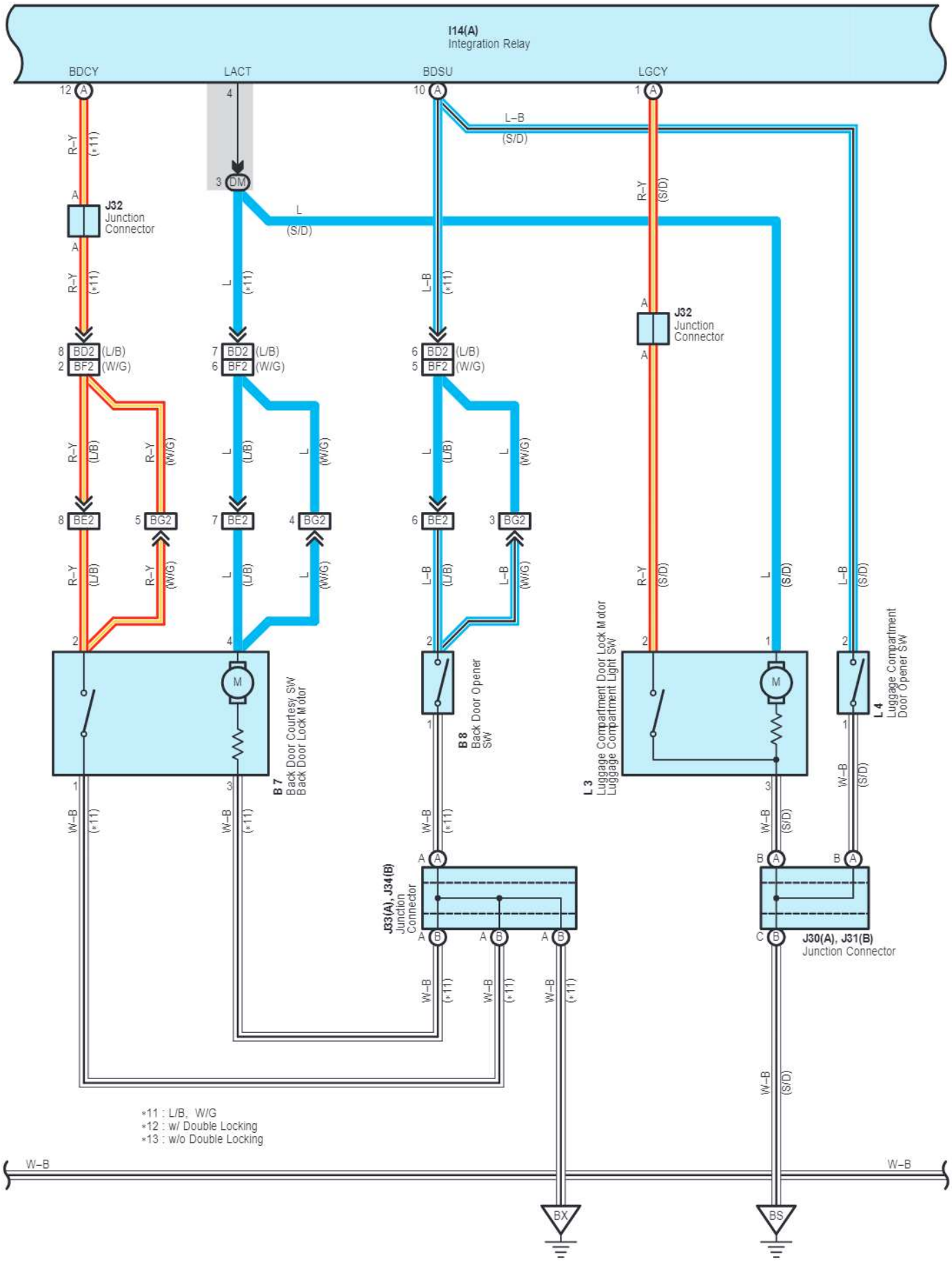


http://vnx.su

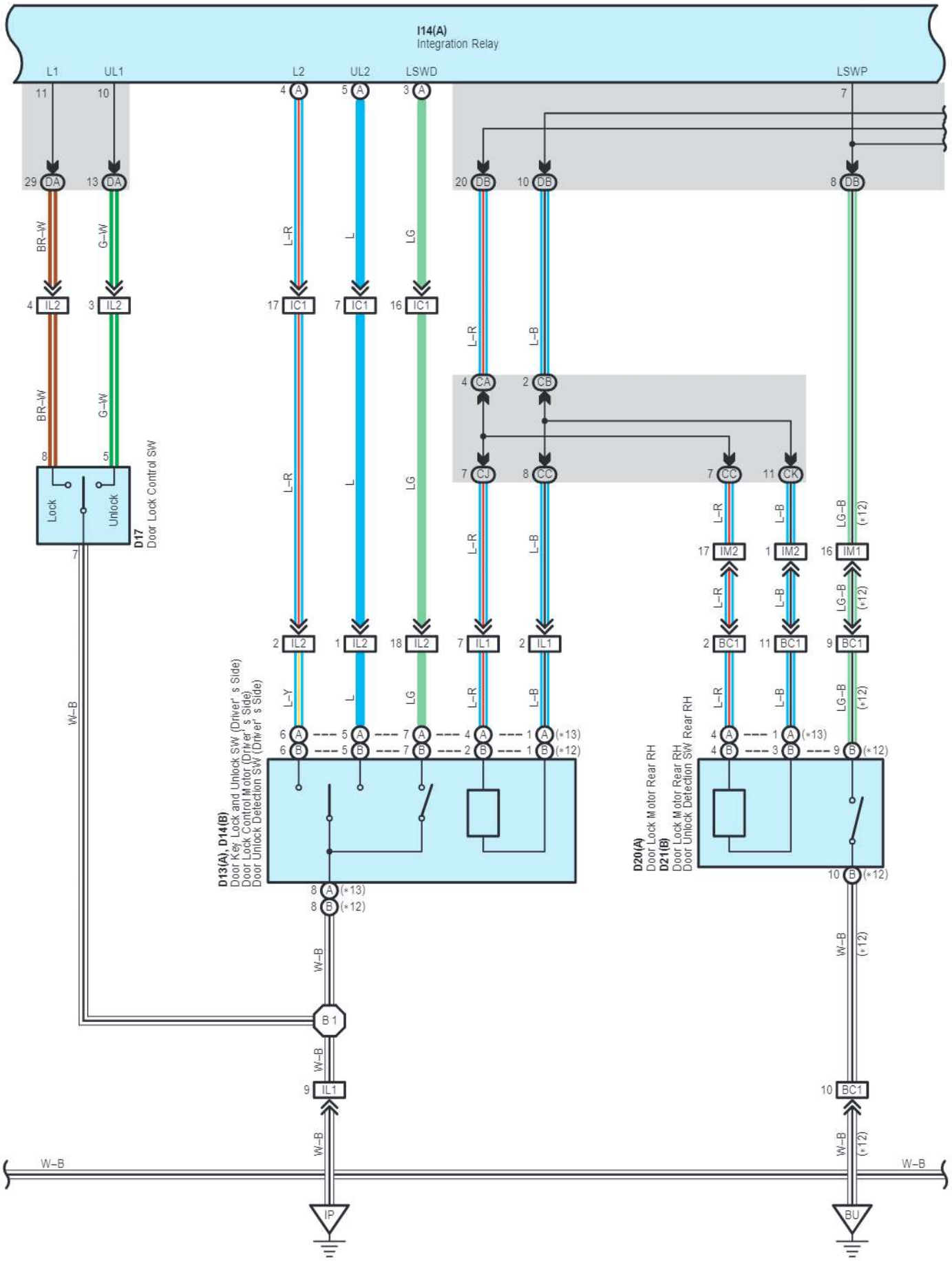

I14(A)
Integration Relay
DCTY
PCTY
RCTY
E
17
9
16
25
13 DB
9 DC
12 DM
13 DM
2 DK
6 DK
9 DA
R
5 CE
1 CA
R
R
W–G
W–G
W–G
W–B
W–B
4 IC2
2
I16
Interior Light
9 IM1
14 IC2
18 IM1
R
R
W–G
W–G
4
3
1
1
1
1
D10
Door Courtesy SW Front RH
D 9
Door Courtesy SW Front LH
D11
Door Courtesy SW Rear LH
D12
Door Courtesy SW Rear RH
W–R
W–R
W–B
11 ID1
W–R
W–R
1
D 3
Diode
2
6 CH
3 CE
R
R
W–B
W–B
W–B
B 5
W–B

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Door Lock Control (RHD) and Theft Deterrent

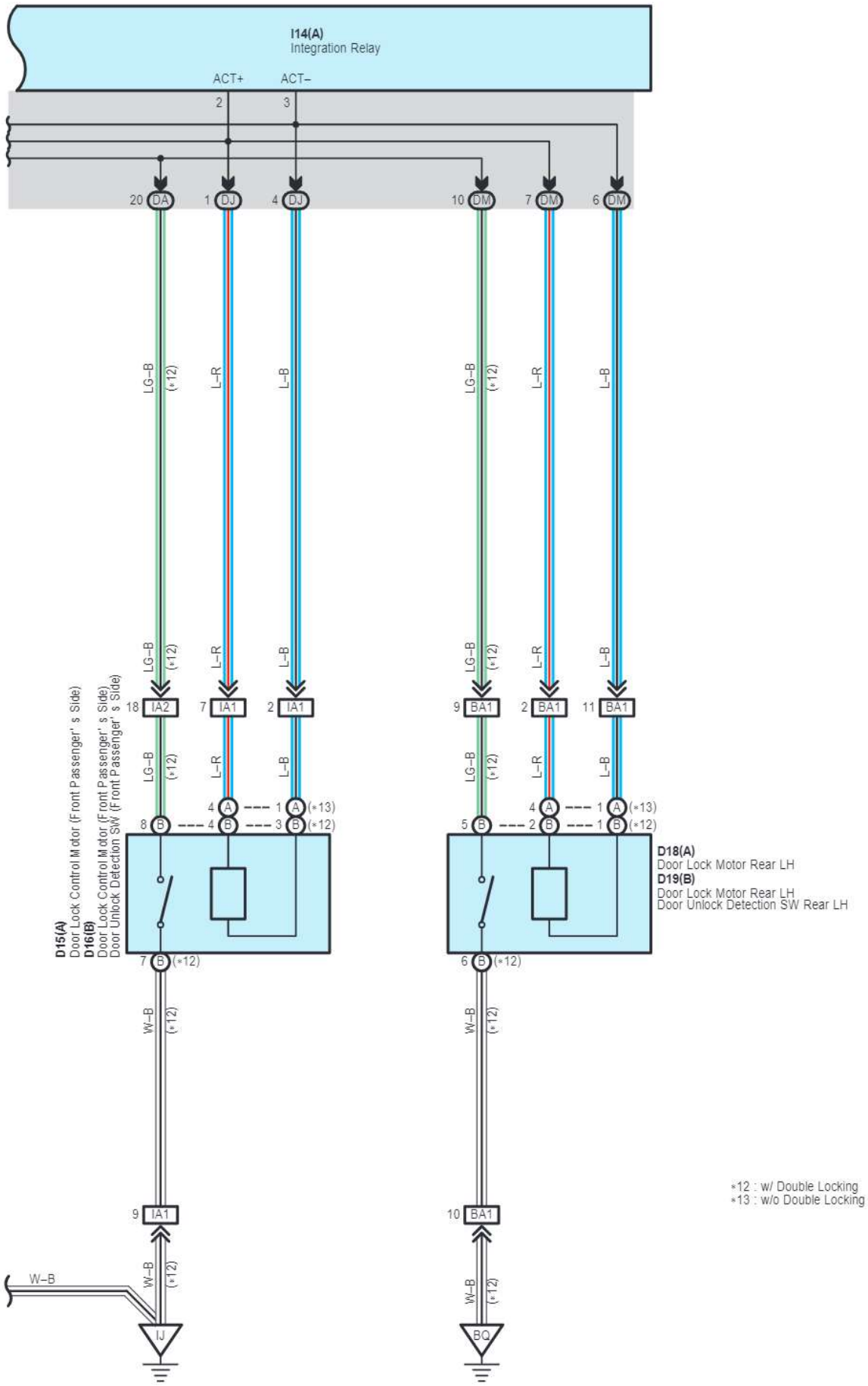


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I14(A)
Integration Relay
L1
UL1
L2
UL2
LSWD
LSWP
D17
Door Lock Control SW
Lock
Unlock
D13(A), D14(B)
Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D20(A)
Door Lock Motor Rear RH
D21(B)
Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
B1
IP
BU
W–B

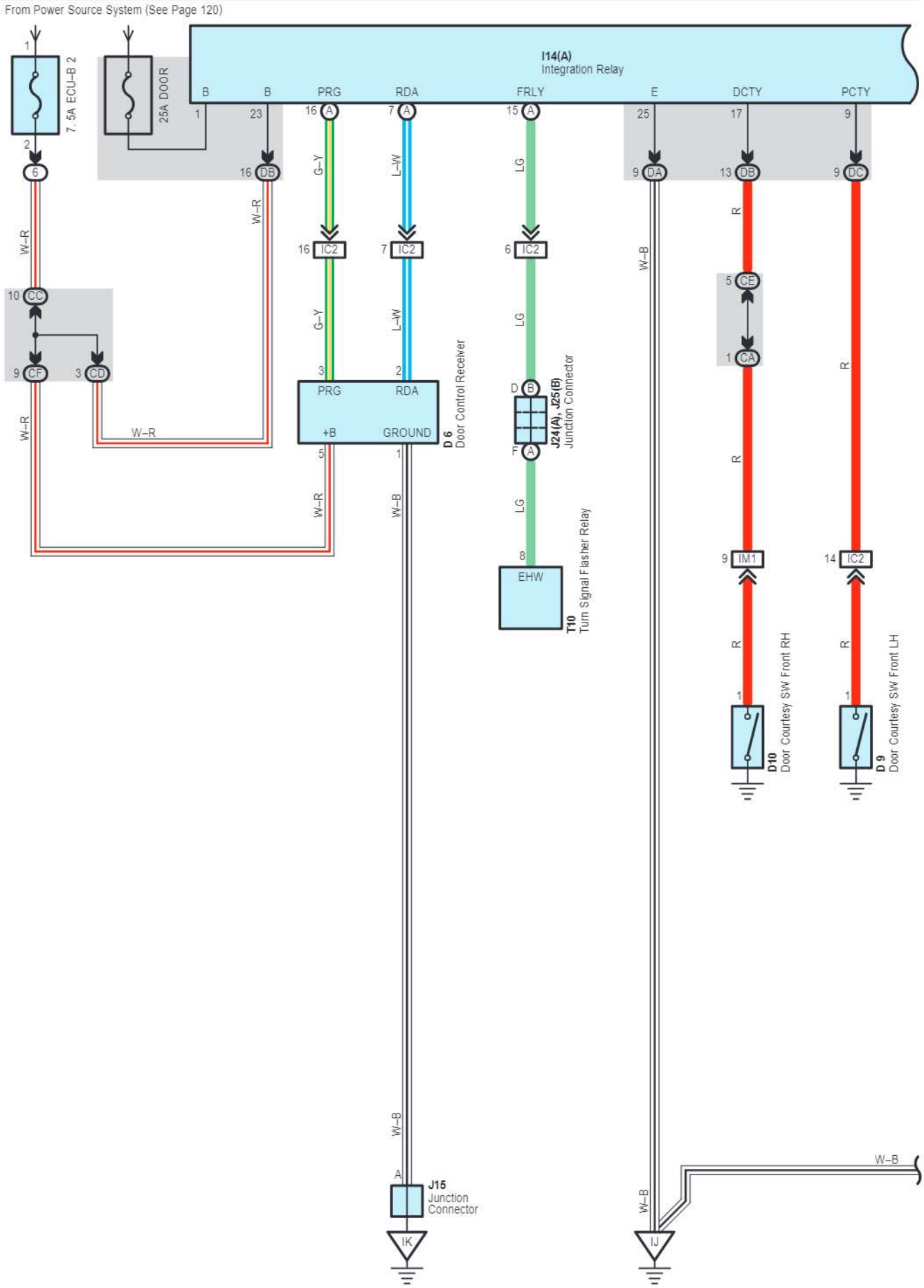
http://vnx.su

Door Lock Control (RHD) and Theft Deterrent

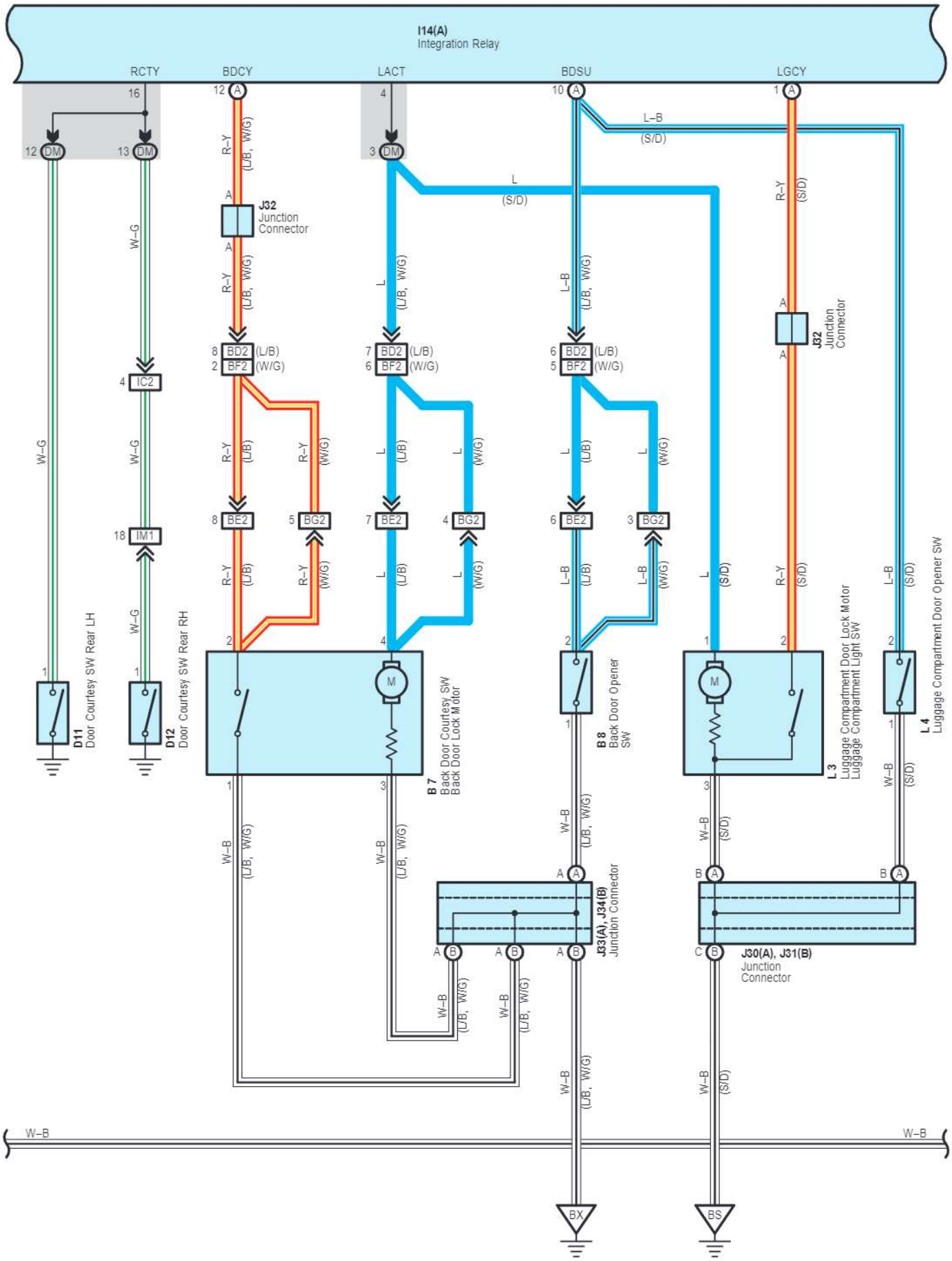


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Wireless Door Lock Control (RHD)

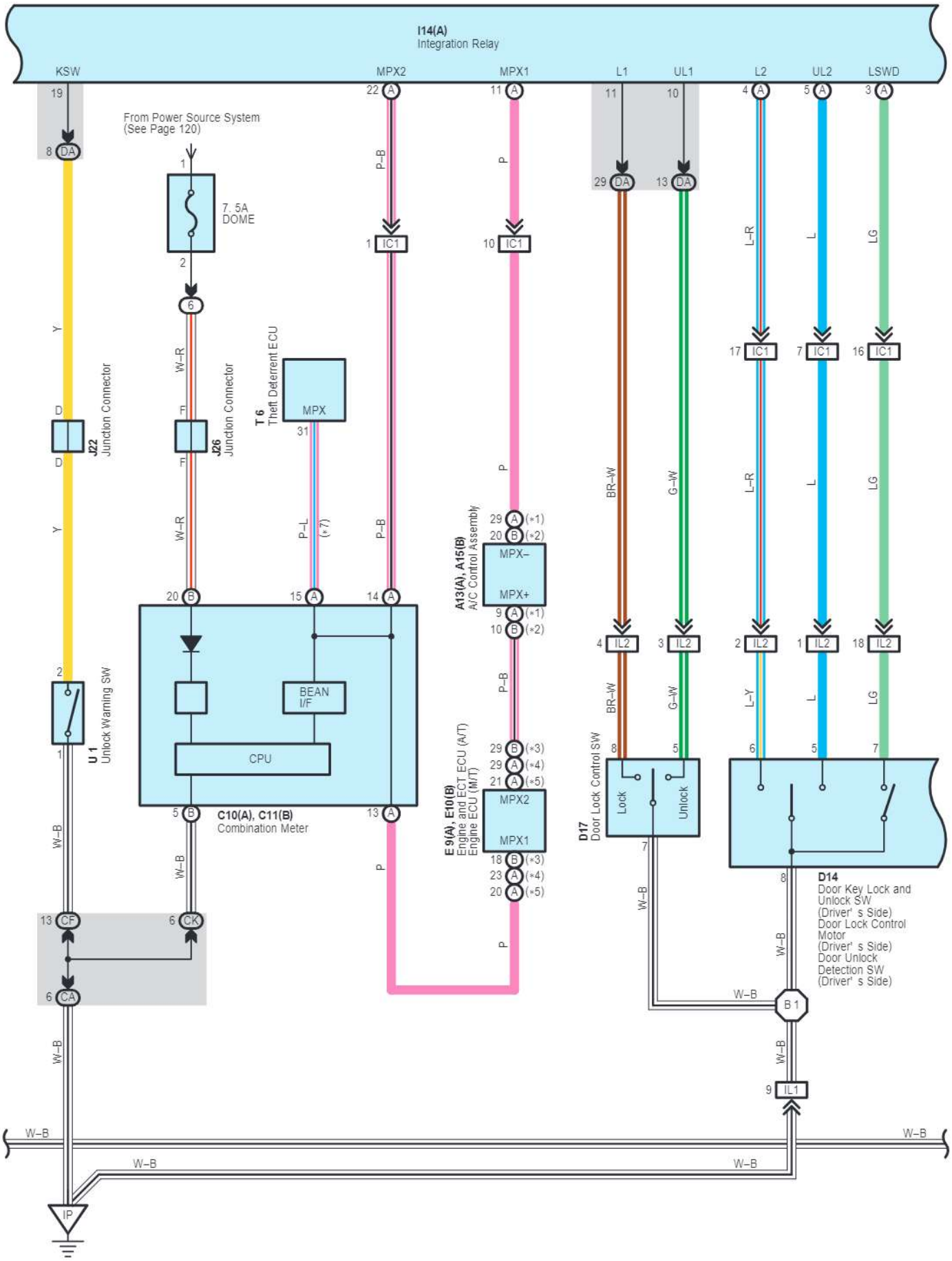


http://vnx.su

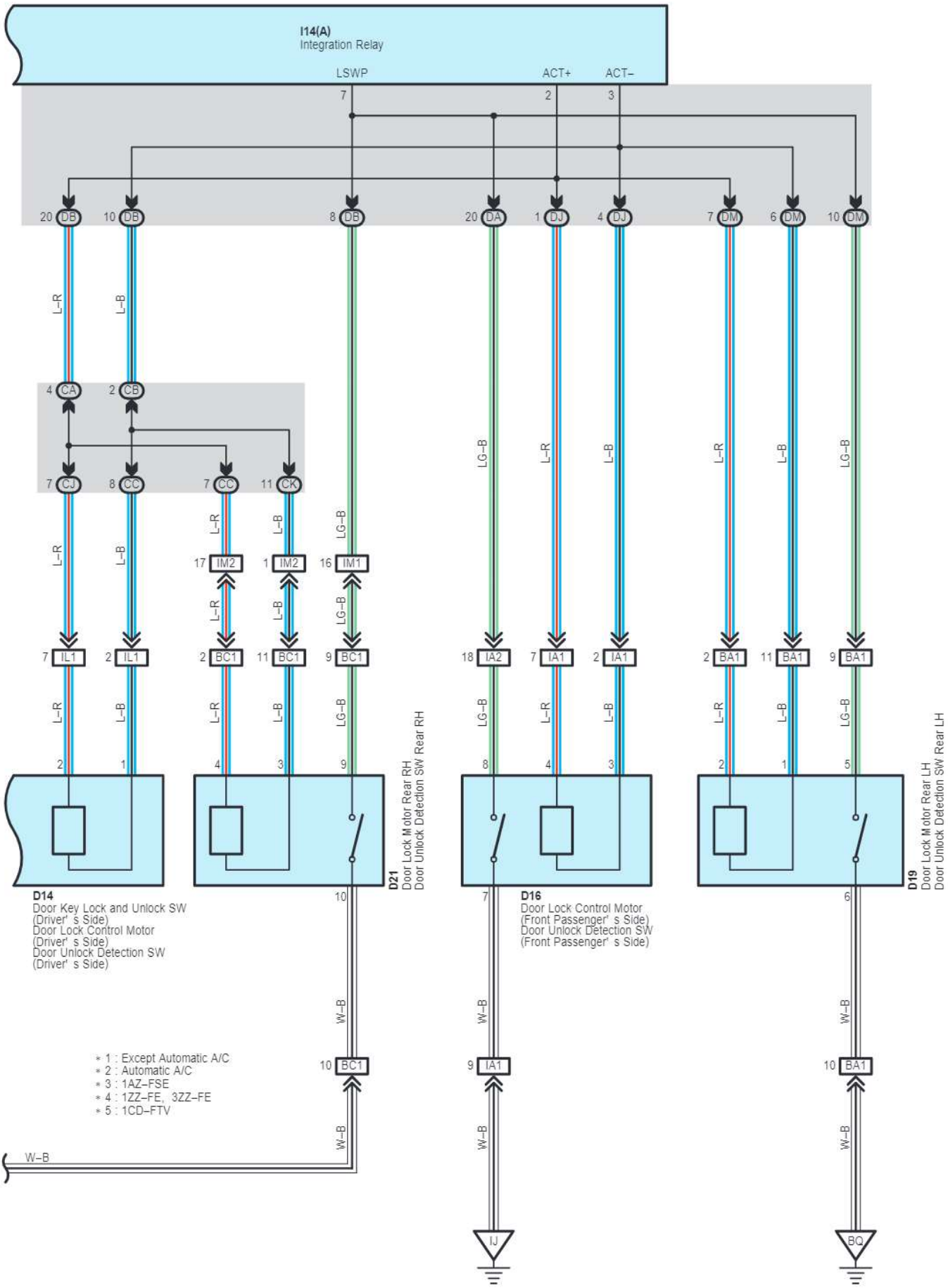

I14(A)
Integration Relay
RCTY
BDCY
LACT
BDSU
LGCY
D11
Door Courtesy SW Rear LH
D12
Door Courtesy SW Rear RH
J32
Junction Connector
B7
Back Door Courtesy SW
Back Door Lock Motor
B8
Back Door Opener SW
L3
Luggage Compartment Door Lock Motor
Luggage Compartment Light SW
L4
Luggage Compartment Door Opener SW
J33(A), J34(B)
Junction Connector
J30(A), J31(B)
Junction Connector
BX
BS

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Wireless Door Lock Control (RHD)

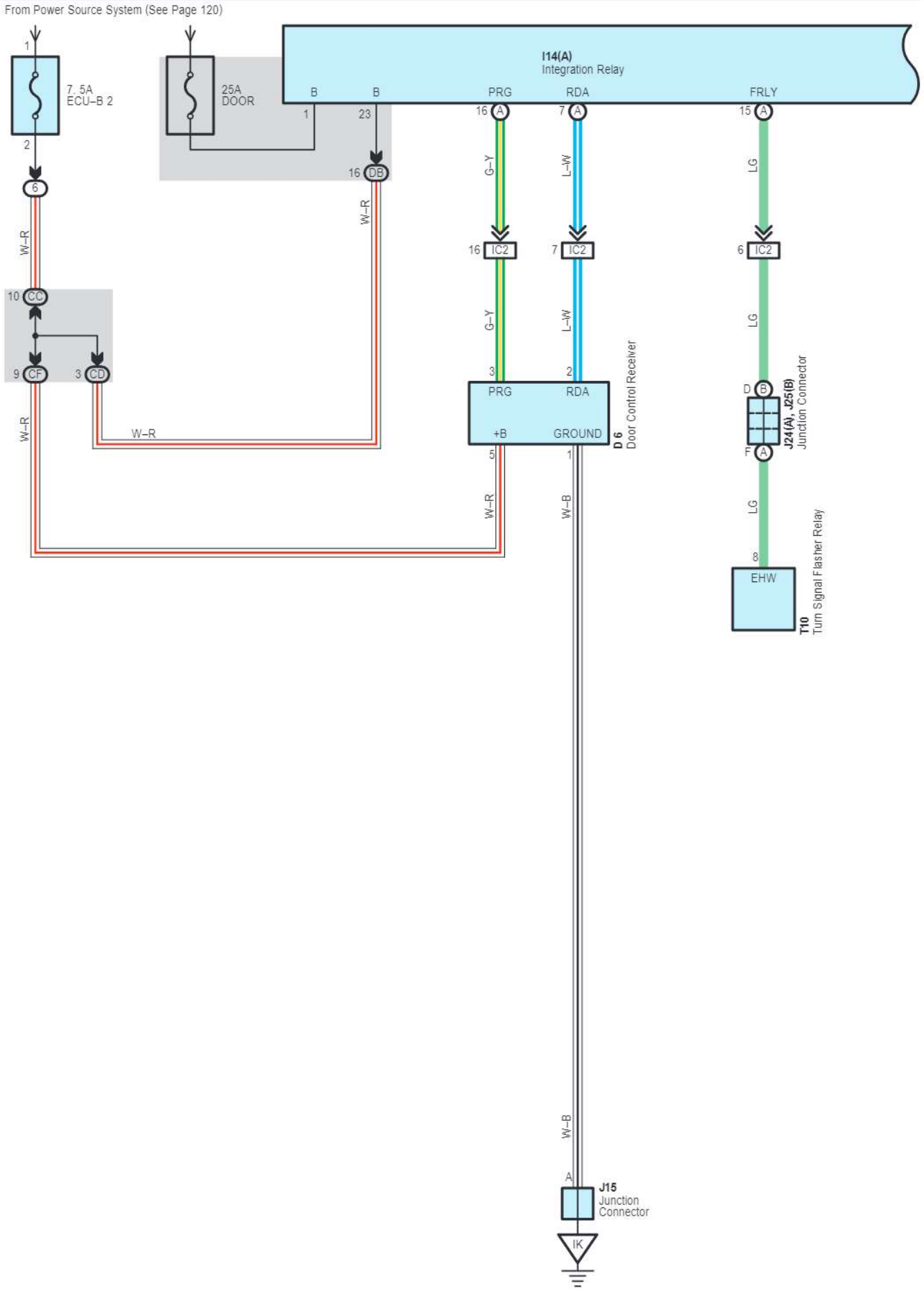


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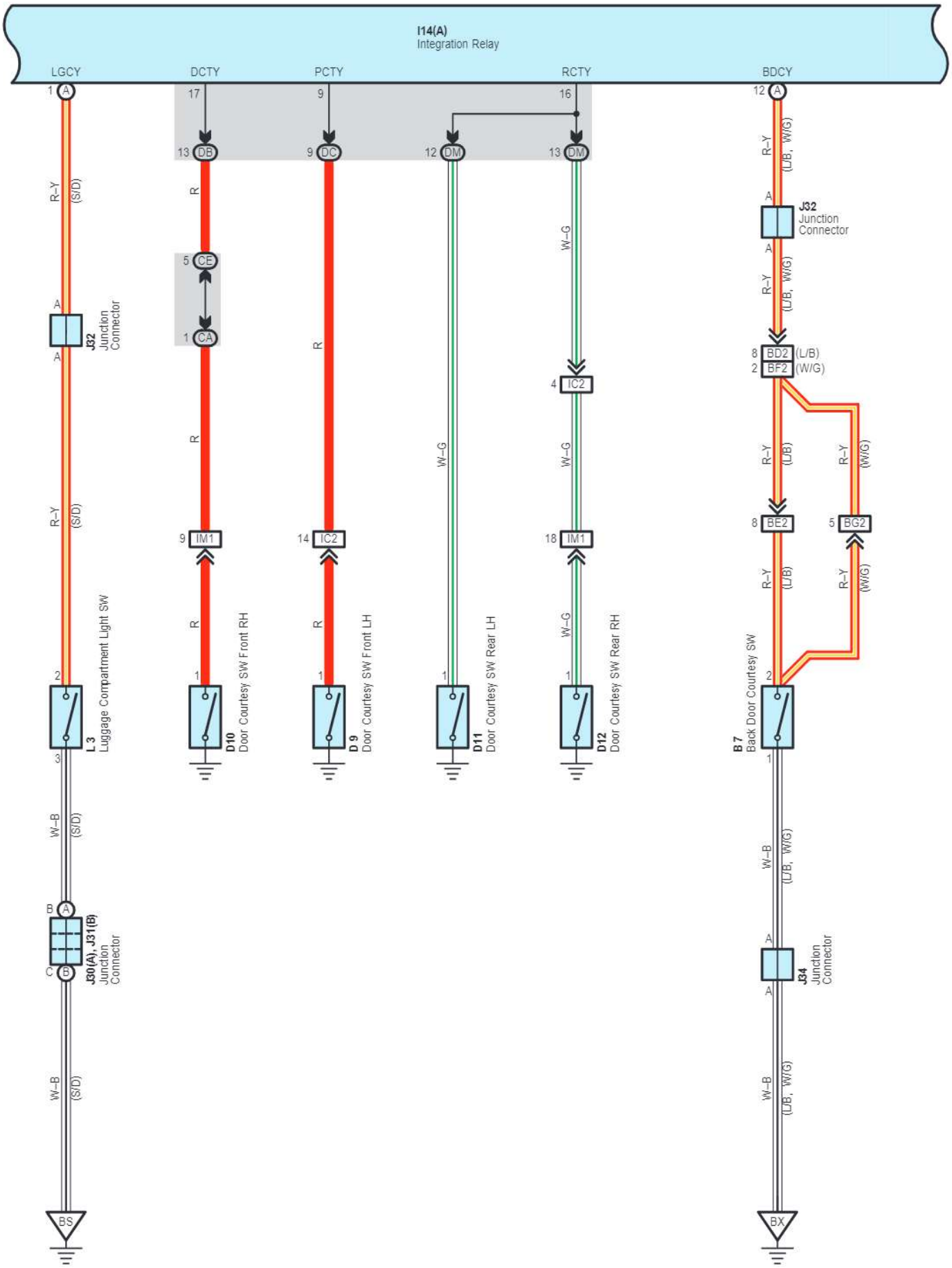

I14(A)
Integration Relay
LSWP
ACT+
ACT–
7
2
3
20 DB
10 DB
8 DB
20 DA
1 DJ
4 DJ
7 DM
6 DM
10 DM
L–R
L–B
LG–B
4 CA
2 CB
7 CJ
8 CC
7 CC
11 CK
17 IM2
1 IM2
16 IM1
7 IL1
2 IL1
2 BC1
11 BC1
9 BC1
18 IA2
7 IA1
2 IA1
2 BA1
11 BA1
9 BA1
2
1
4
3
9
8
4
3
2
1
5
D14
Door Key Lock and Unlock SW
(Driver' s Side)
Door Lock Control Motor
(Driver' s Side)
Door Unlock Detection SW
(Driver' s Side)
D21
Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
D16
Door Lock Control Motor
(Front Passenger' s Side)
Door Unlock Detection SW
(Front Passenger' s Side)
D19
Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
10
7
6
W–B
10 BC1
9 IA1
10 BA1
* 1 : Except Automatic A/C
* 2 : Automatic A/C
* 3 : 1AZ–FSE
* 4 : 1ZZ–FE, 3ZZ–FE
* 5 : 1CD–FTV
IJ
BQ

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Double Locking

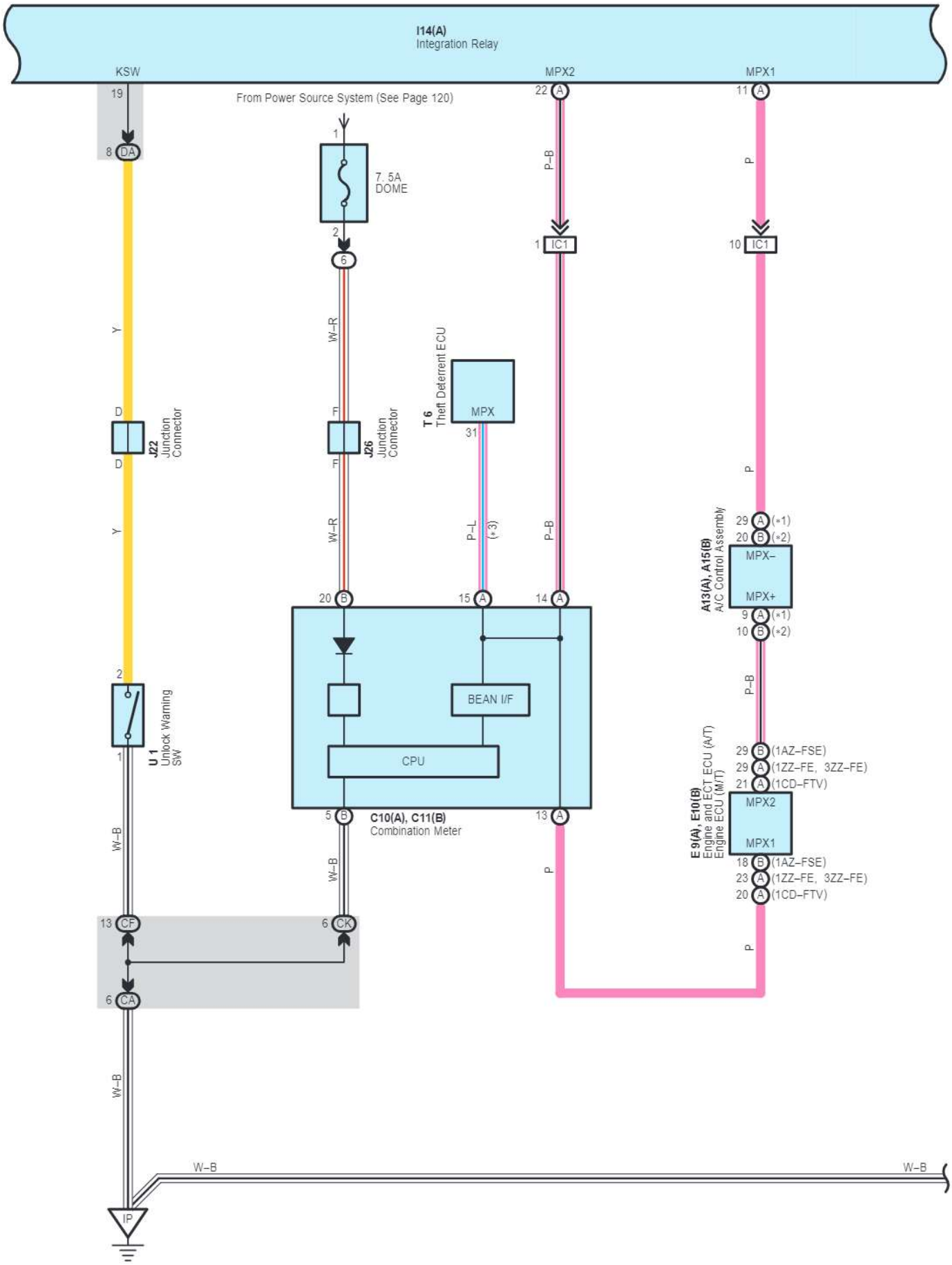


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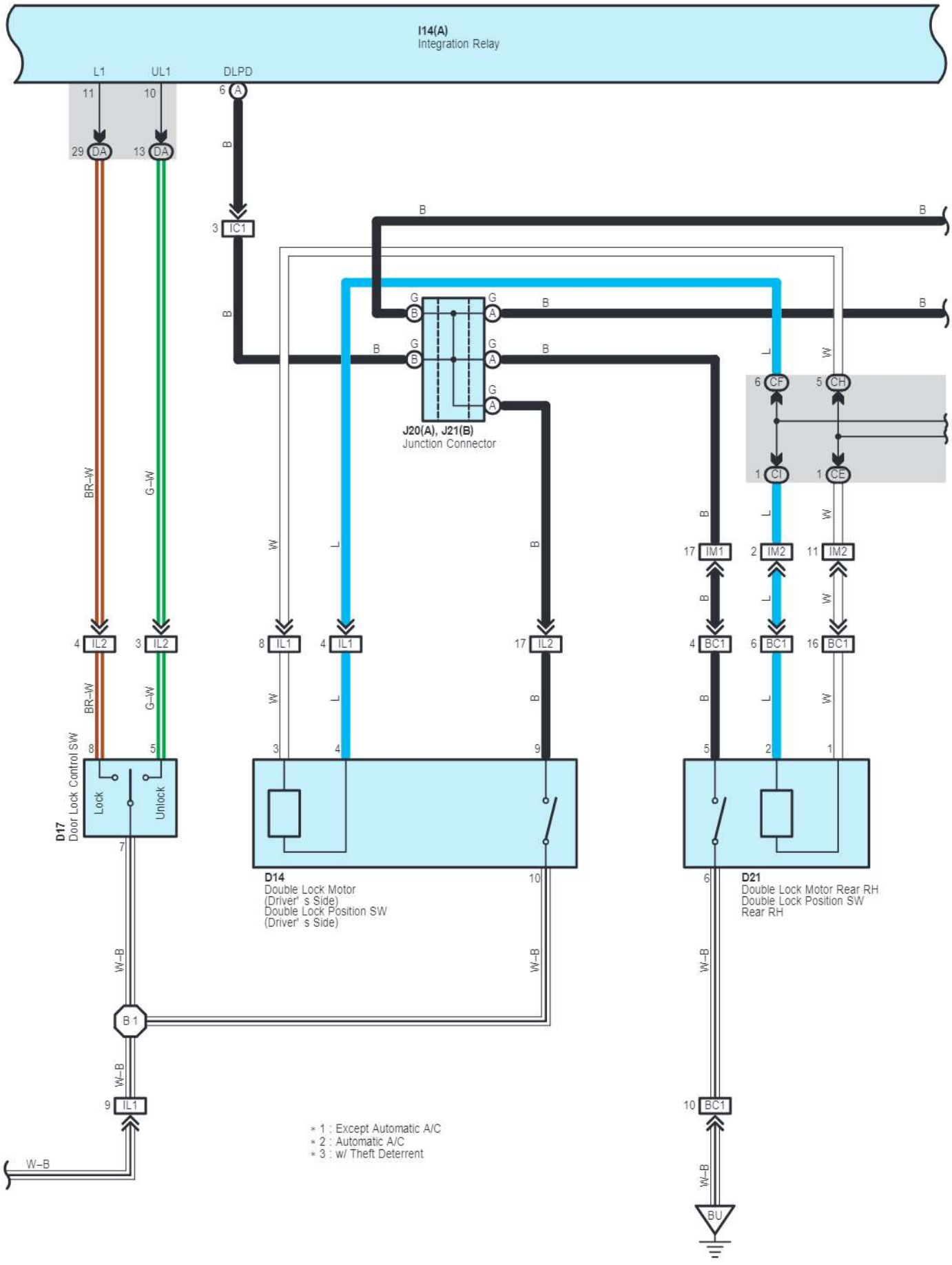

I14(A)
Integration Relay
LGCY
DCTY
PCTY
RCTY
BDCY
R-Y (S/D)
R
W-G
W-B (S/D)
W-B (L/B, W/G)
R-Y (L/B, W/G)
J32 Junction Connector
J30(A), J31(B) Junction Connector
J34 Junction Connector
L 3 Luggage Compartment Light SW
D10 Door Courtesy SW Front RH
D 9 Door Courtesy SW Front LH
D11 Door Courtesy SW Rear LH
D12 Door Courtesy SW Rear RH
B 7 Back Door Courtesy SW
BS
BX

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Double Locking

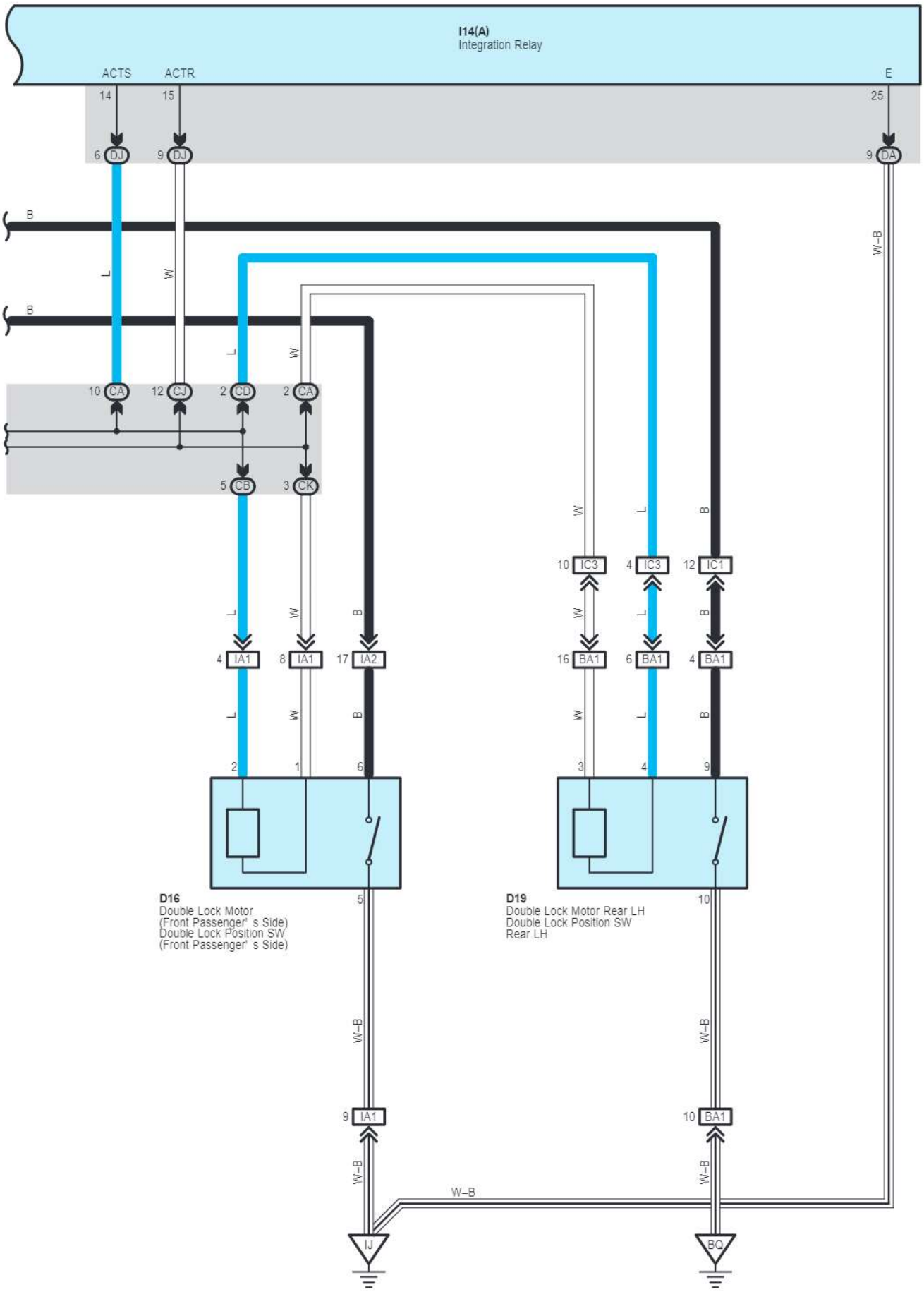


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I14(A)
Integration Relay
L1
UL1
DLPD
11
10
6 A
29 DA
13 DA
B
3 IC1
B
B
B
G
B
G
A
J20(A), J21(B)
Junction Connector
6 CF
5 CH
1 CI
1 CE
L
W
BR–W
G–W
17 IM1
2 IM2
11 IM2
4 IL2
3 IL2
8 IL1
4 IL1
17 IL2
4 BC1
6 BC1
16 BC1
D17
Door Lock Control SW
Lock
Unlock
D14
Double Lock Motor
(Driver' s Side)
Double Lock Position SW
(Driver' s Side)
D21
Double Lock Motor Rear RH
Double Lock Position SW
Rear RH
W–B
B 1
9 IL1
10 BC1
BU
* 1 : Except Automatic A/C
* 2 : Automatic A/C
* 3 : w/ Theft Deterrent

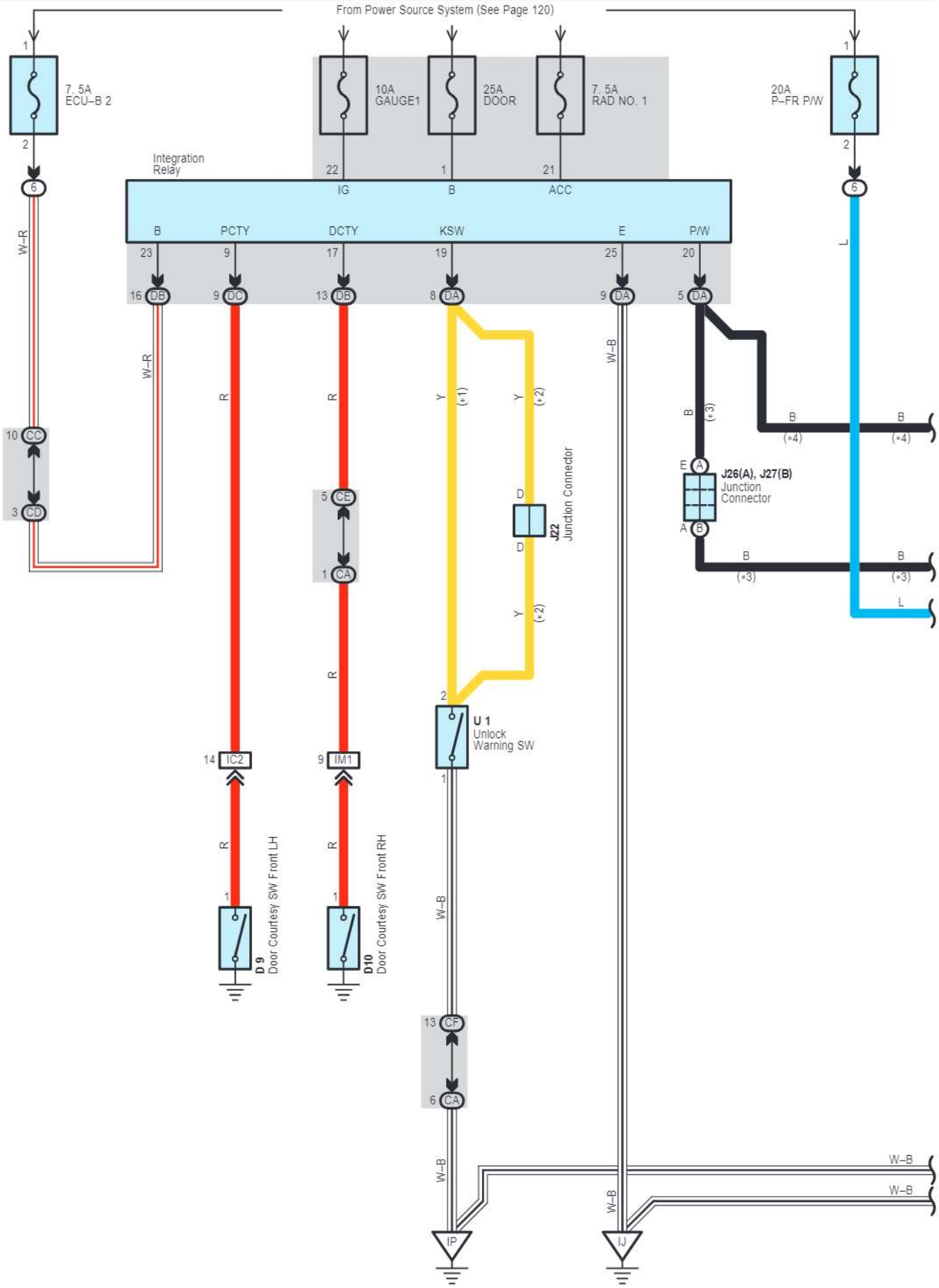
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Double Locking

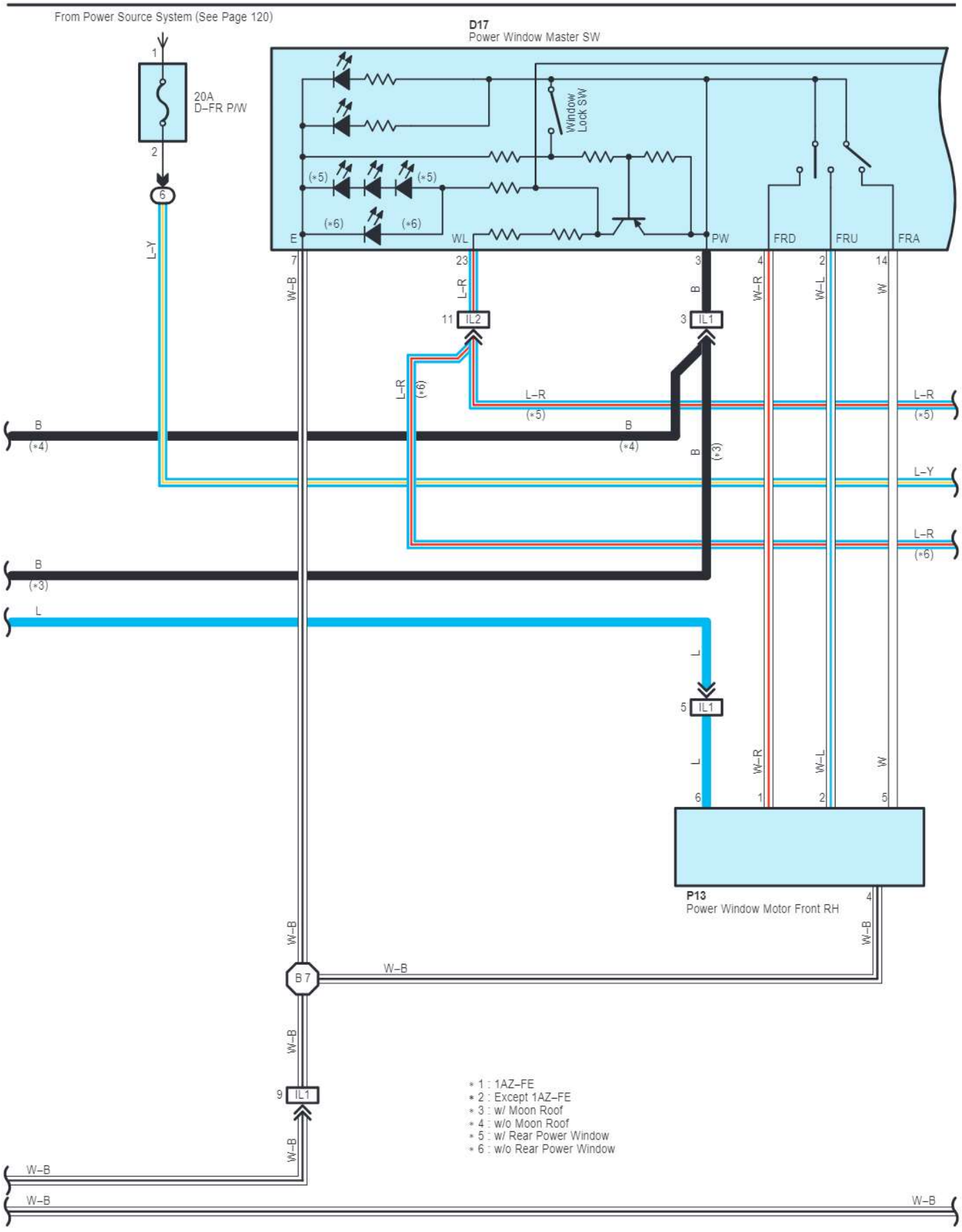


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Power Window (RHD)

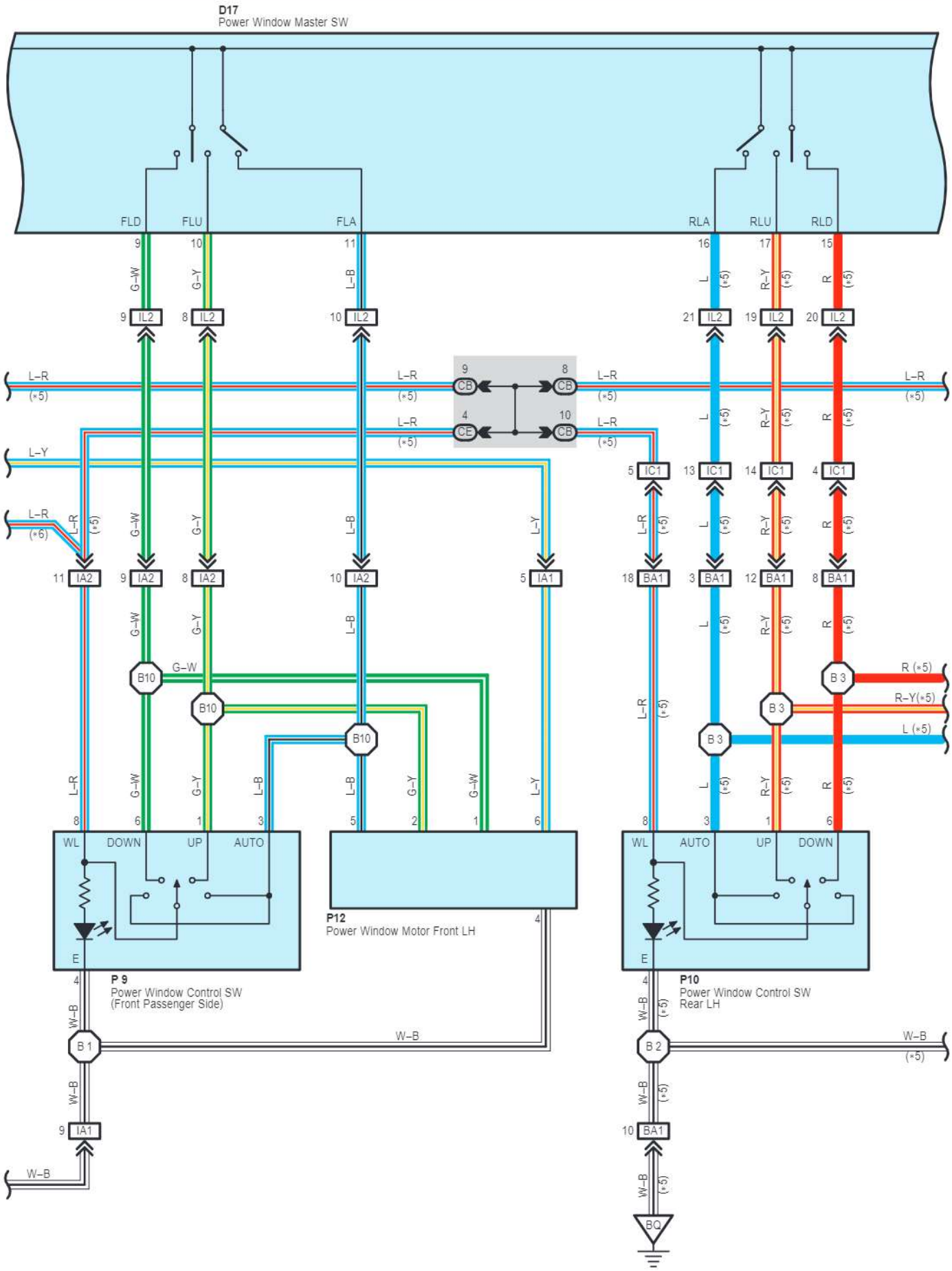


http://vnx.su

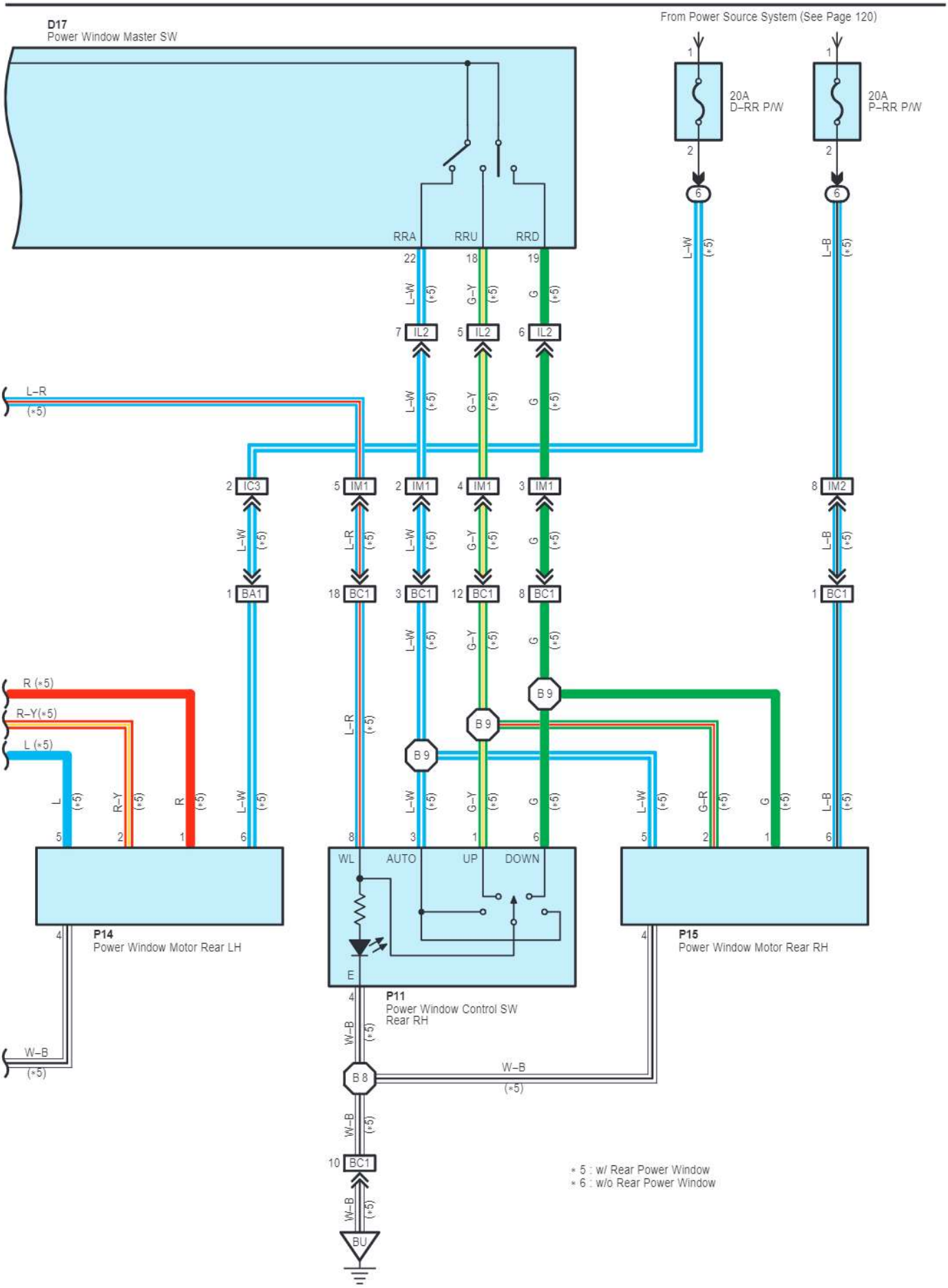

From Power Source System (See Page 120)
D17
Power Window Master SW
20A
D–FR P/W
Window
Lock SW
E
WL
PW
FRD
FRU
FRA
IL2
IL1
P13
Power Window Motor Front RH
B 7
* 1 : 1AZ–FE
* 2 : Except 1AZ–FE
* 3 : w/ Moon Roof
* 4 : w/o Moon Roof
* 5 : w/ Rear Power Window
* 6 : w/o Rear Power Window

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Power Window (RHD)

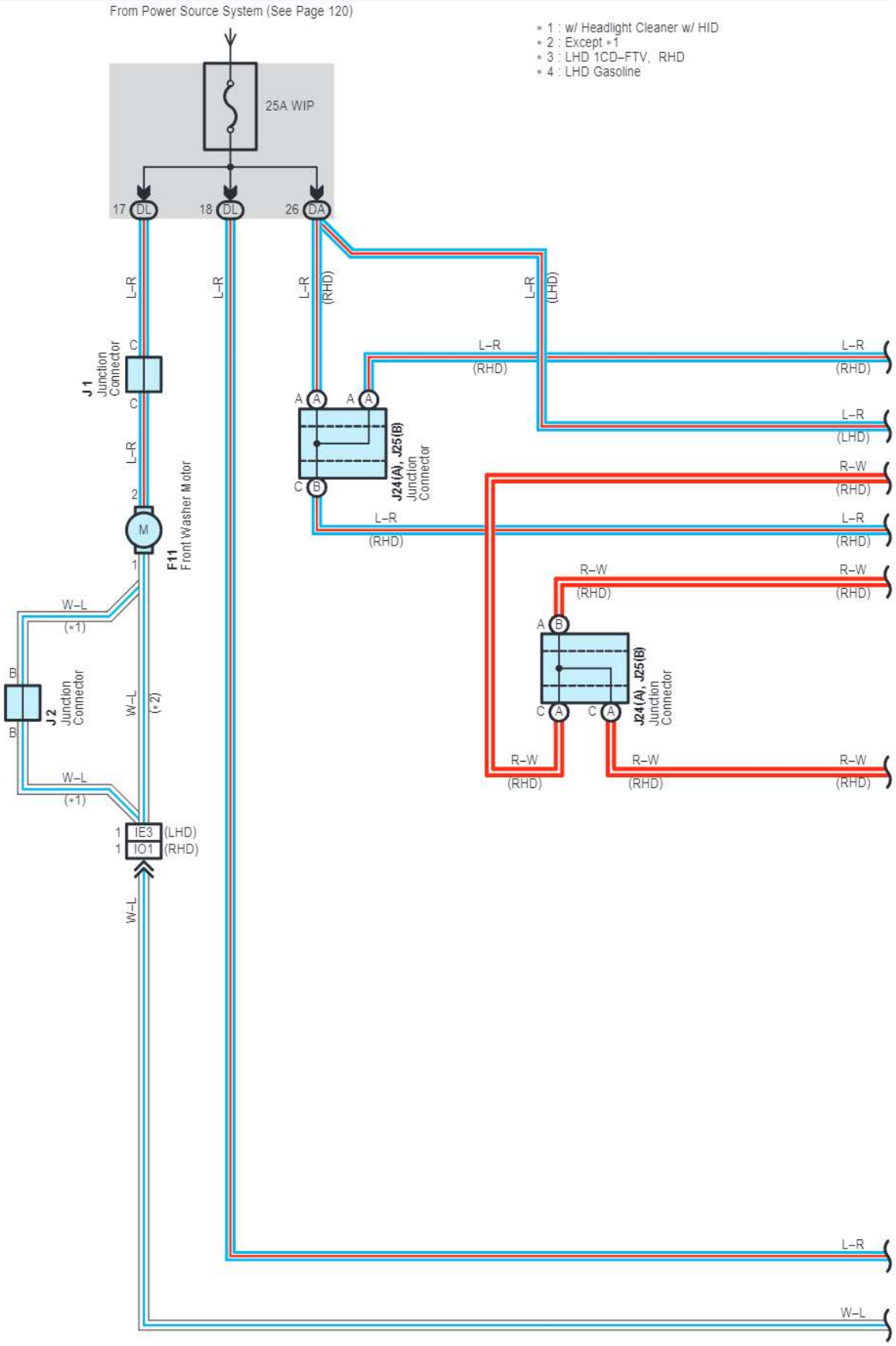


http://vnx.su

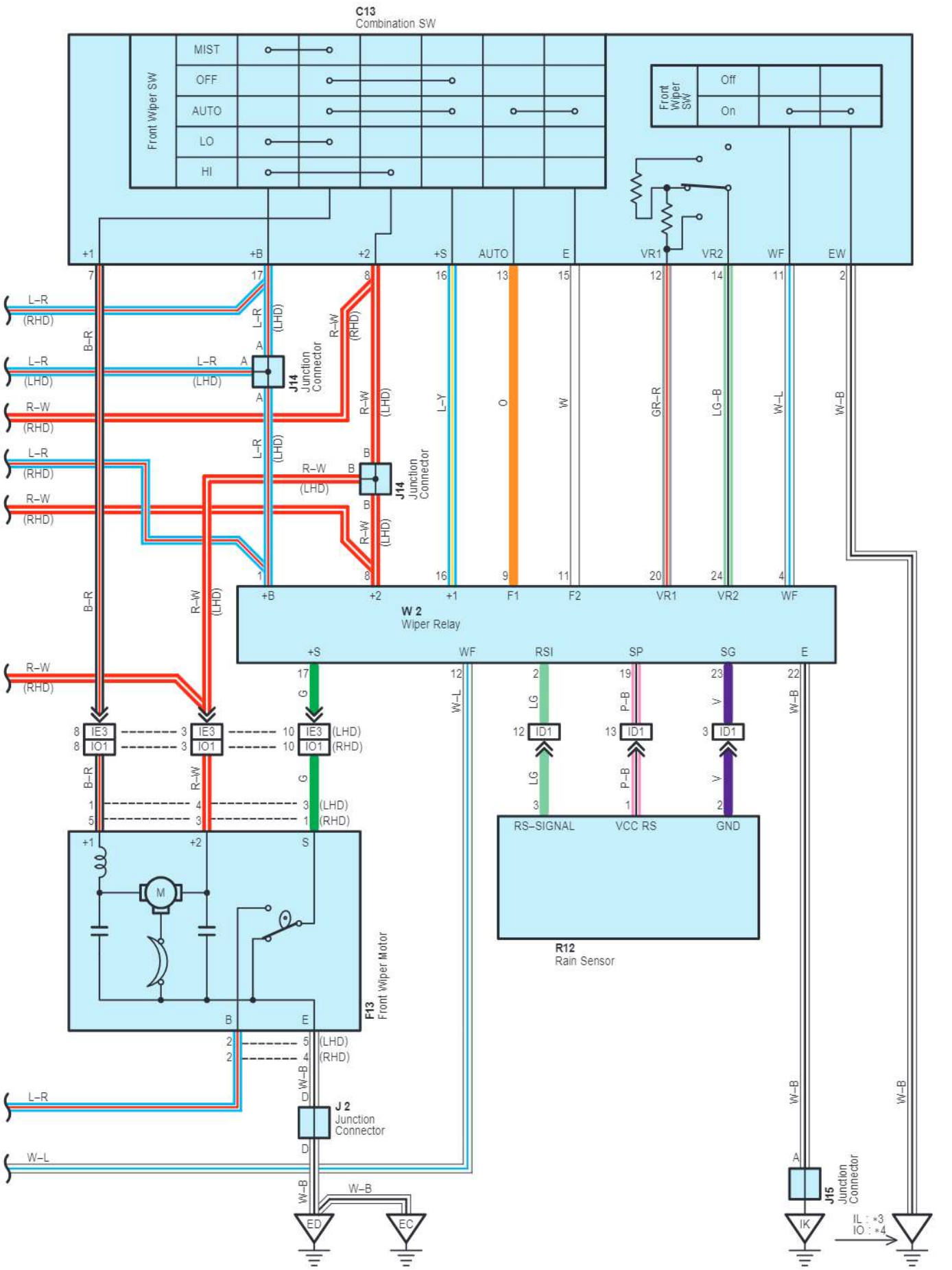

D17
Power Window Master SW
From Power Source System (See Page 120)
20A
D–RR P/W
20A
P–RR P/W
RRA
RRU
RRD
IL2
IC3
IM1
IM2
BA1
BC1
B 9
B 8
L–R
L–W
G–Y
G
L–B
R (*5)
R–Y(*5)
L (*5)
R
W–B
WL
AUTO
UP
DOWN
E
BU
P14
Power Window Motor Rear LH
P15
Power Window Motor Rear RH
P11
Power Window Control SW
Rear RH
* 5 : w/ Rear Power Window
* 6 : w/o Rear Power Window

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Front Wiper and Washer (w/ Auto Wiper System)

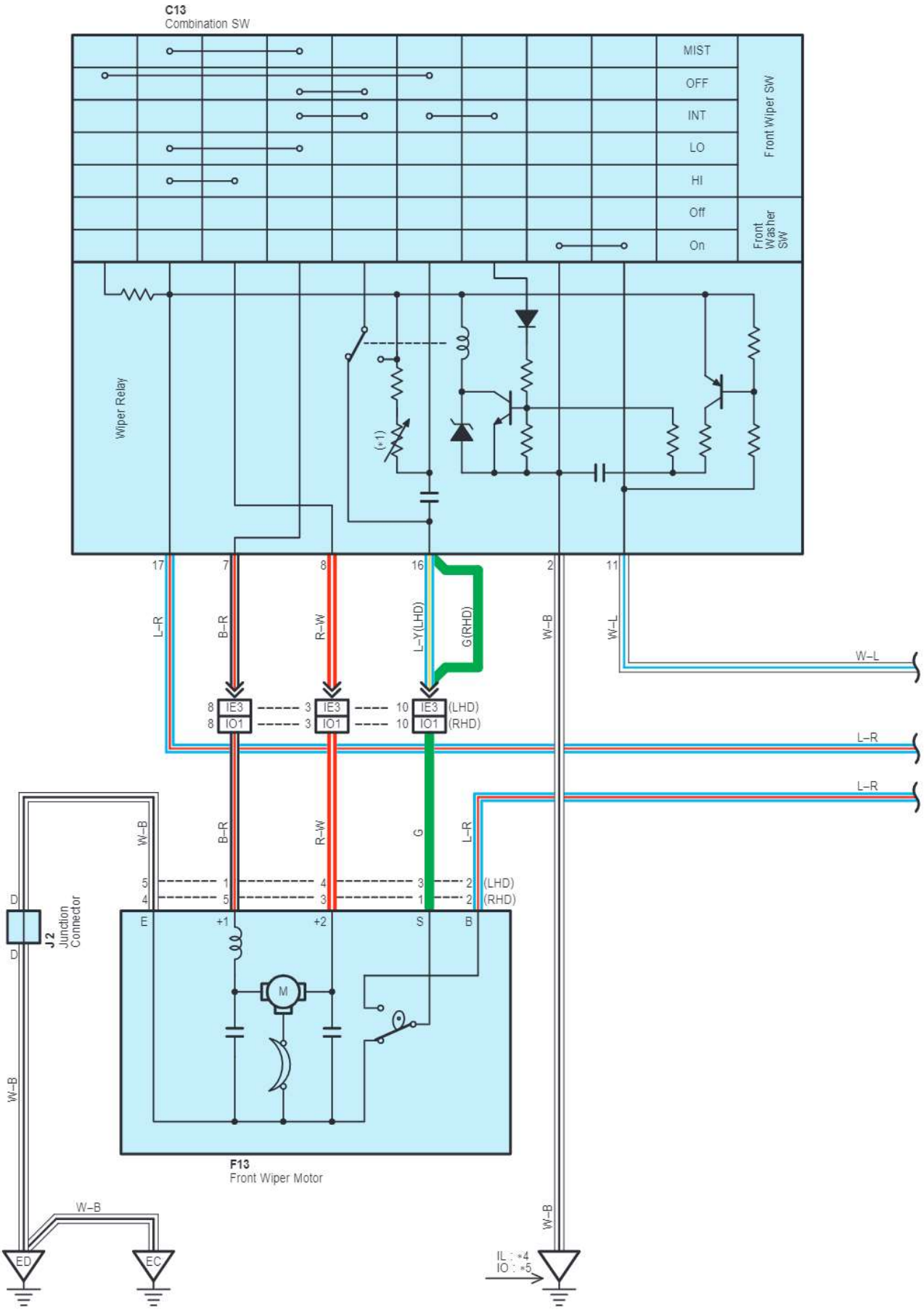


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C13
Combination SW
Front Wiper SW
MIST
OFF
AUTO
LO
HI
Front Wiper SW
Off
On
+1
+B
+2
+S
AUTO
E
VR1
VR2
WF
EW
L–R (RHD)
L–R (LHD)
R–W (RHD)
R–W (LHD)
B–R
J14 Junction Connector
W 2
Wiper Relay
+S
WF
RSI
SP
SG
E
IE3
IO1
ID1
(LHD)
(RHD)
RS–SIGNAL
VCC RS
GND
R12
Rain Sensor
M
F13
Front Wiper Motor
J 2
Junction Connector
W–L
W–B
J15
Junction Connector
IL : *3
IO : *4
ED
EC
IK

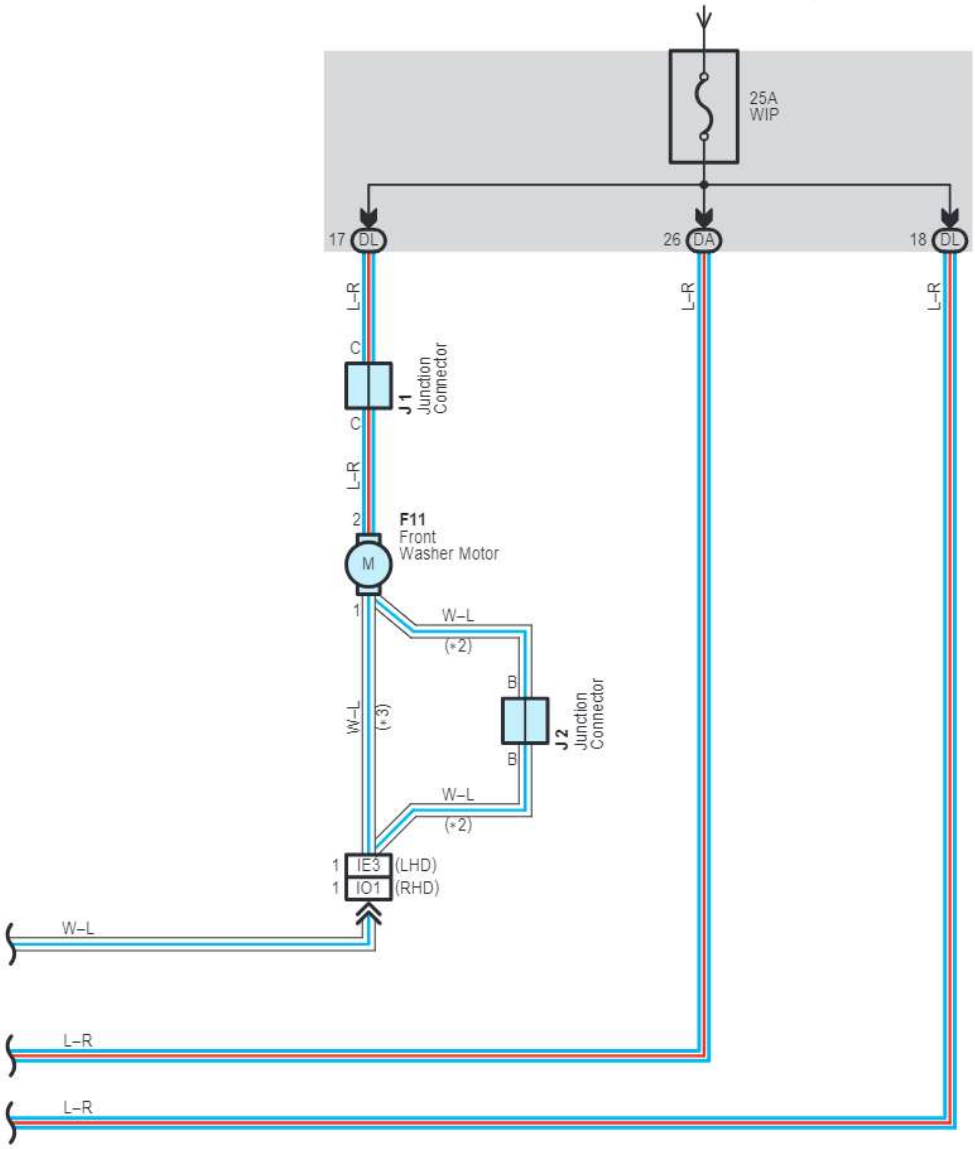
http://vnx.su

Front Wiper and Washer (w/o Auto Wiper System)



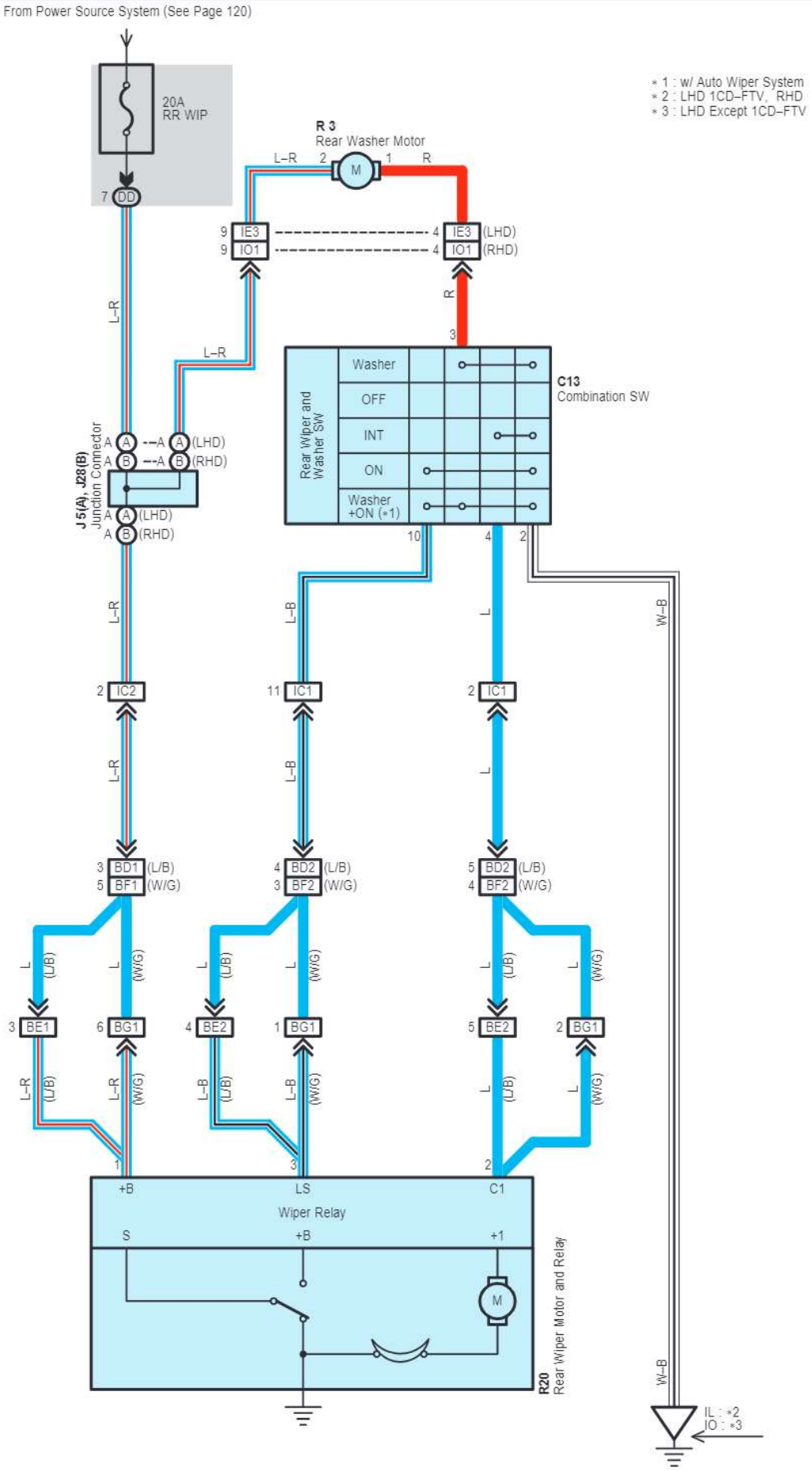
http://vnx.su

From Power Source System (See Page 120)



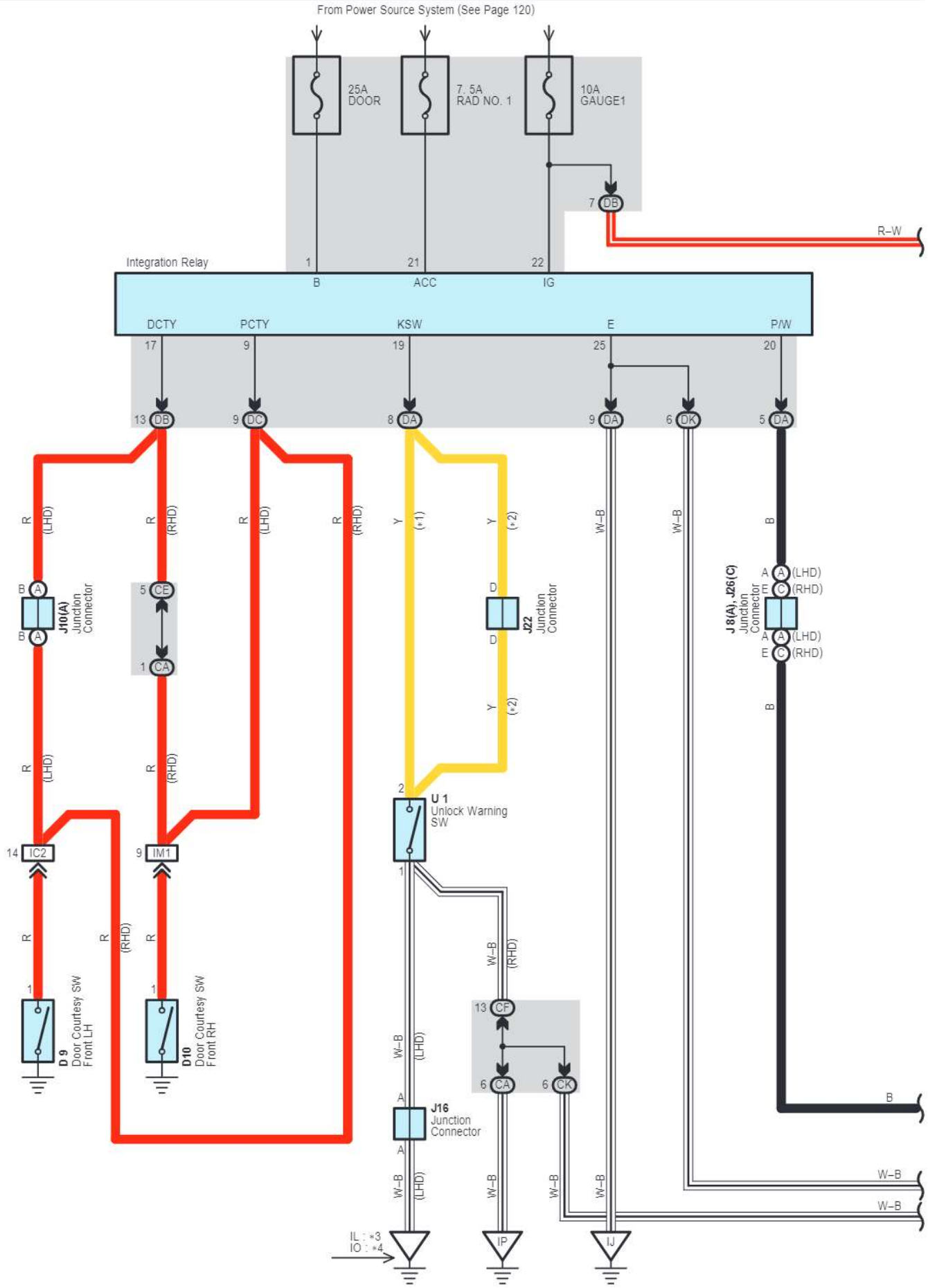
* 1 : Intermittent Volume SW
* 2 : w/ Headlight Cleaner w/ HID
* 3 : Except *2
* 4 : LHD 1CD–FTV, RHD
* 5 : LHD Except 1CD–FTV

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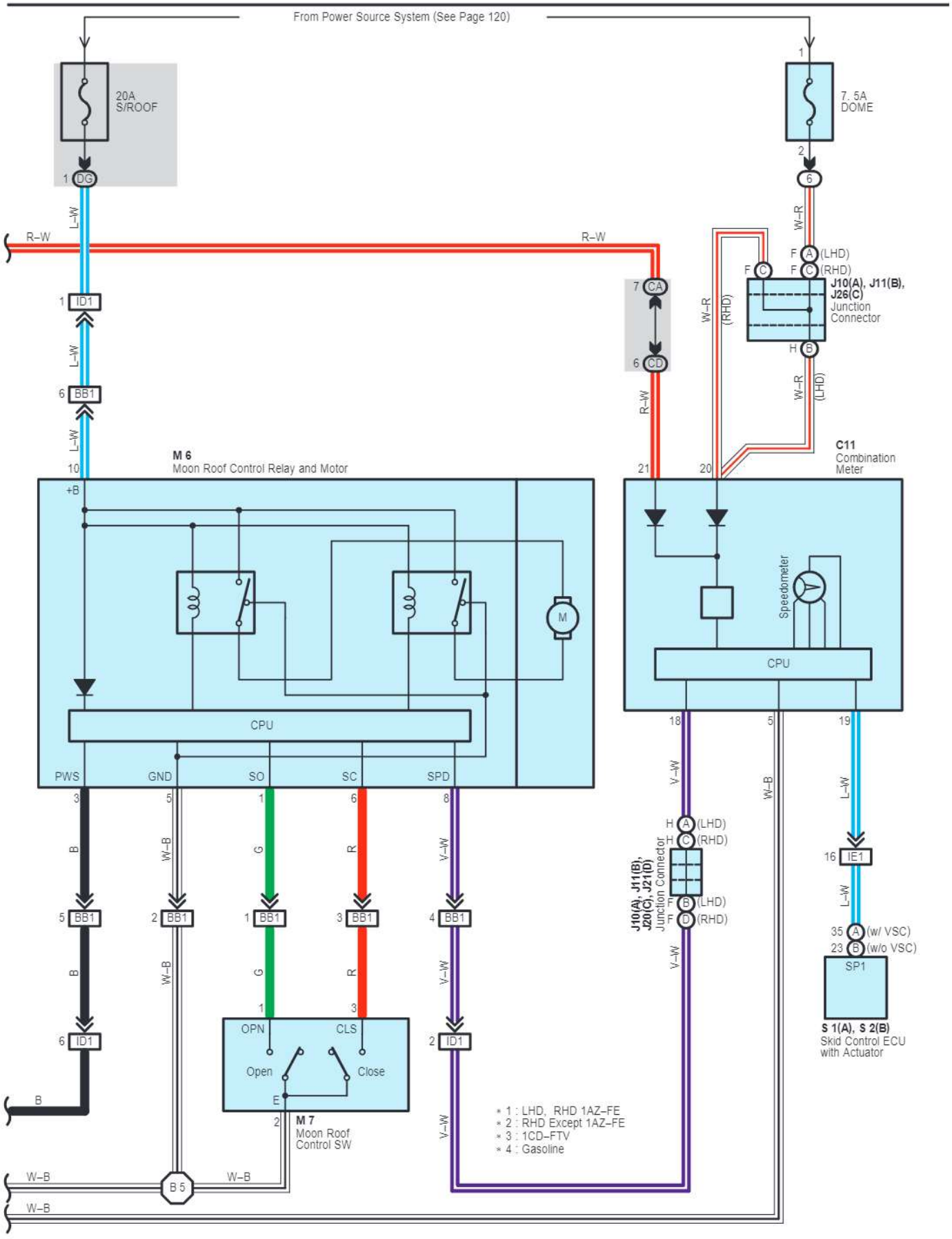

From Power Source System (See Page 120)
20A
RR WIP
7 DD
R 3
Rear Washer Motor
L–R 2 M 1 R
9 IE3 ---------- 4 IE3 (LHD)
9 IO1 ---------- 4 IO1 (RHD)
L–R
L–R
R
3
Washer
OFF
INT
ON
Washer +ON (*1)
Rear Wiper and Washer SW
C13
Combination SW
10 4 2
J 5(A), J28(B)
Junction Connector
A A --A A (LHD)
A B --A B (RHD)
A A (LHD)
A B (RHD)
L–R
L–B
L
W–B
2 IC2
11 IC1
2 IC1
L–R
L–B
L
3 BD1 (L/B)
5 BF1 (W/G)
4 BD2 (L/B)
3 BF2 (W/G)
5 BD2 (L/B)
4 BF2 (W/G)
L (L/B)
L (W/G)
3 BE1
6 BG1
4 BE2
1 BG1
5 BE2
2 BG1
L–R (L/B)
L–R (W/G)
L–B (L/B)
L–B (W/G)
L (L/B)
L (W/G)
1
3
2
+B
LS
C1
Wiper Relay
S
+B
+1
M
R20
Rear Wiper Motor and Relay
W–B
IL : *2
IO : *3
* 1 : w/ Auto Wiper System
* 2 : LHD 1CD–FTV, RHD
* 3 : LHD Except 1CD–FTV

http://vnx.su

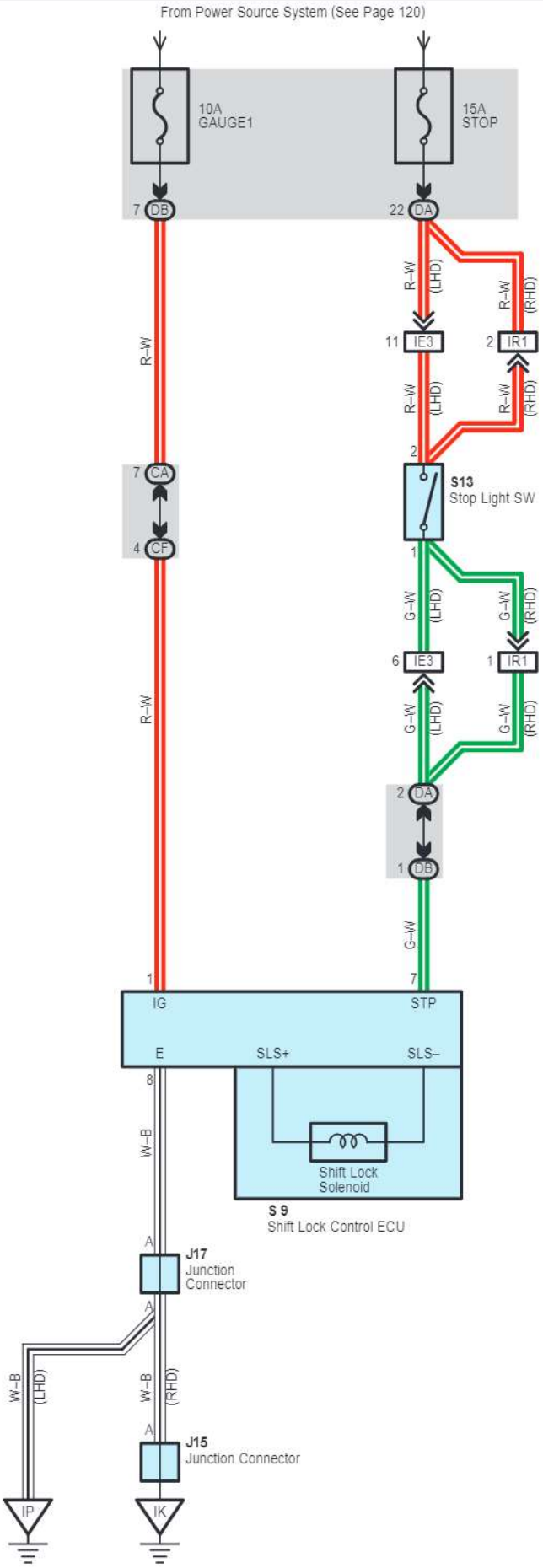
Moon Roof



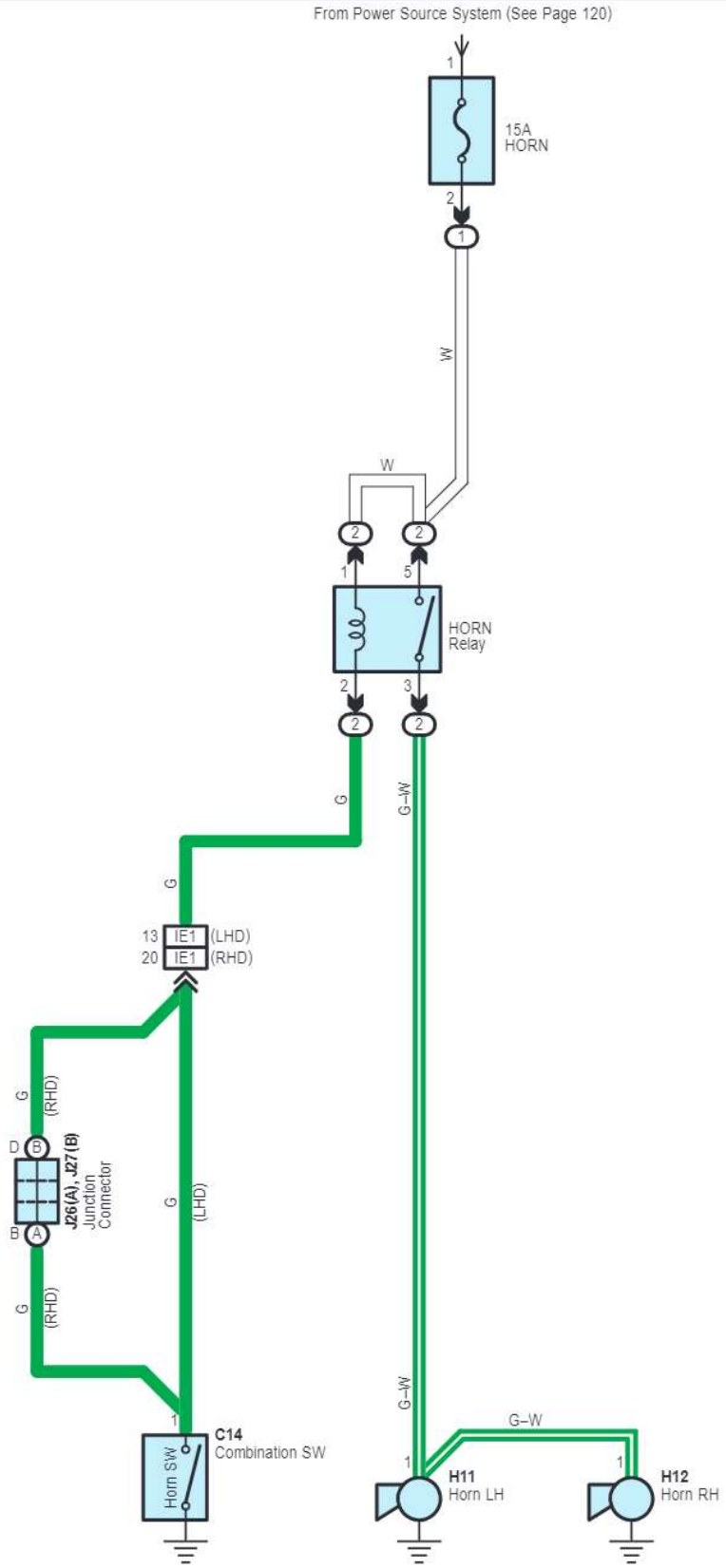
http://vnx.su


From Power Source System (See Page 120)
20A
S/ROOF
7. 5A
DOME
M 6
Moon Roof Control Relay and Motor
C11
Combination
Meter
J10(A), J11(B),
J26(C)
Junction
Connector
J10(A), J11(B),
J20(C), J21(D)
Junction Connector
M 7
Moon Roof
Control SW
S 1(A), S 2(B)
Skid Control ECU
with Actuator
CPU
Speedometer
PWS
GND
SO
SC
SPD
OPN
CLS
Open
Close
(LHD)
(RHD)
(w/ VSC)
(w/o VSC)
* 1 : LHD, RHD 1AZ–FE
* 2 : RHD Except 1AZ–FE
* 3 : 1CD–FTV
* 4 : Gasoline

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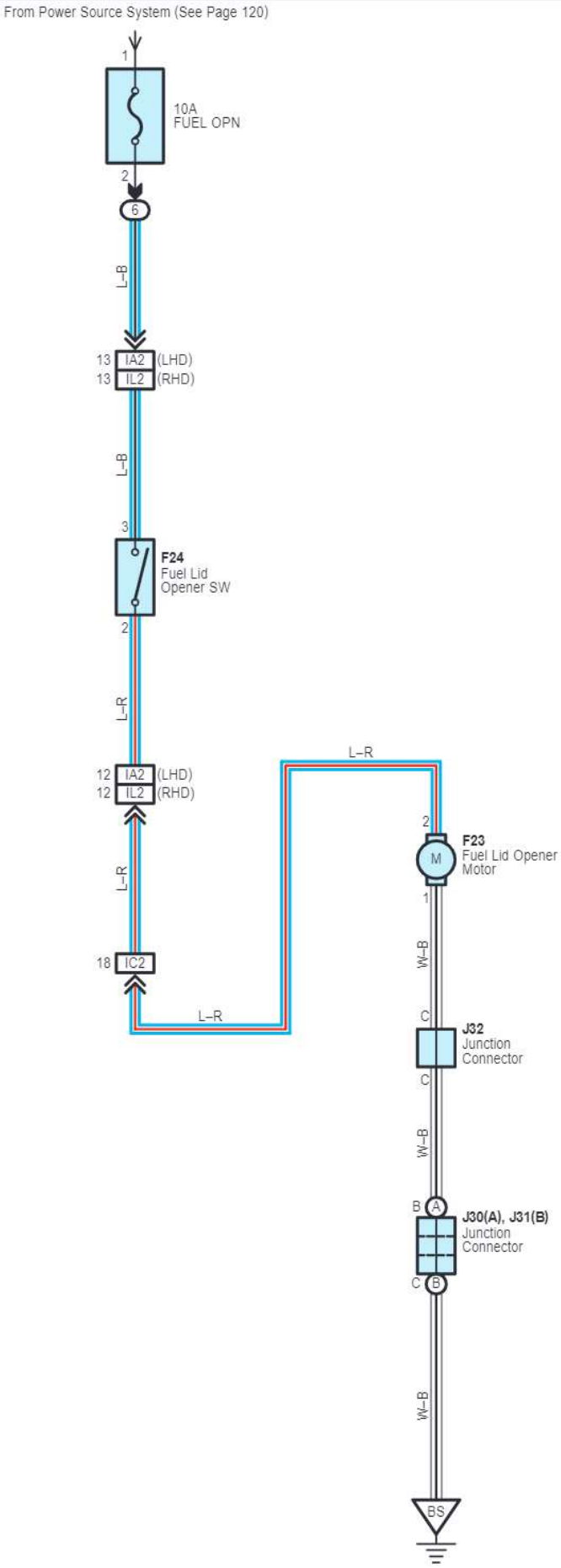

From Power Source System (See Page 120)
10A
GAUGE1
15A
STOP
7 DB
22 DA
R–W
(LHD)
R–W
(RHD)
11 IE3
2 IR1
R–W
(LHD)
R–W
(RHD)
2
7 CA
4 CF
S13
Stop Light SW
1
G–W
(LHD)
G–W
(RHD)
6 IE3
1 IR1
G–W
(LHD)
G–W
(RHD)
2 DA
1 DB
G–W
1
7
IG
STP
E
SLS+
SLS–
8
W–B
Shift Lock
Solenoid
S 9
Shift Lock Control ECU
A
J17
Junction
Connector
A
W–B
(LHD)
W–B
(RHD)
A
J15
Junction Connector
IP
IK

http://vnx.su

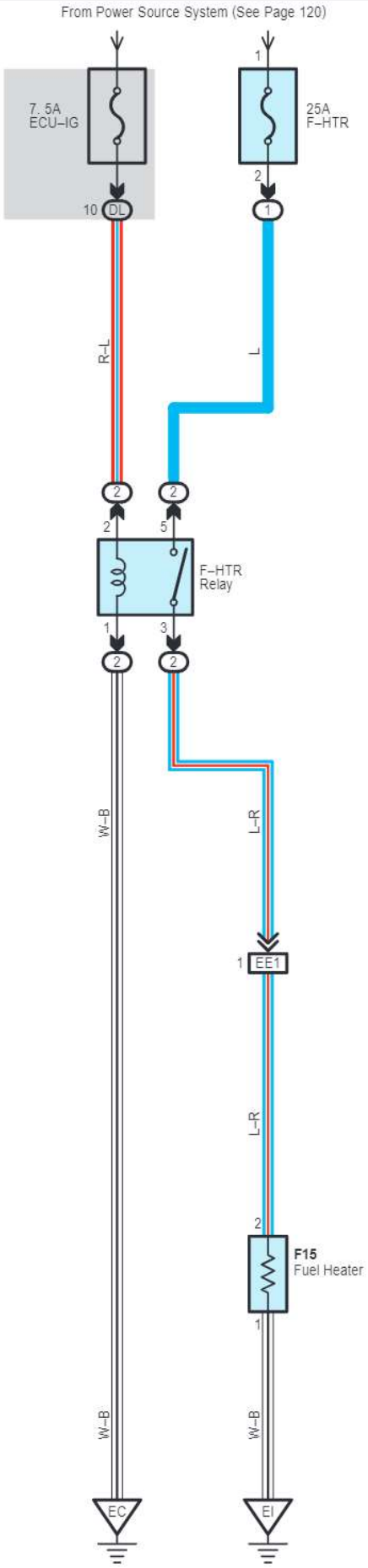

From Power Source System (See Page 120)
15A
HORN
W
W
HORN
Relay
G
G–W
G
13 IE1 (LHD)
20 IE1 (RHD)
G
(RHD)
D
B
J26(A), J27(B)
Junction
Connector
B
A
G
(RHD)
G
(LHD)
G–W
G–W
C14
Combination SW
Horn SW
H11
Horn LH
H12
Horn RH

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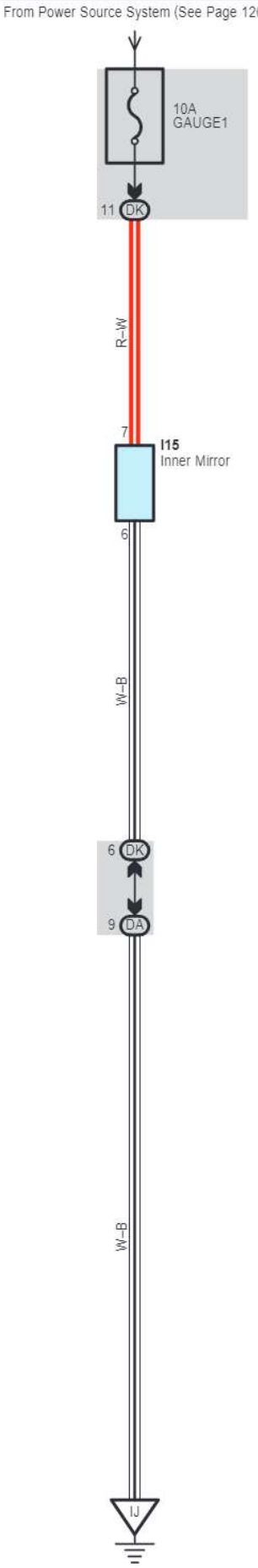
Fuel Lid Opener



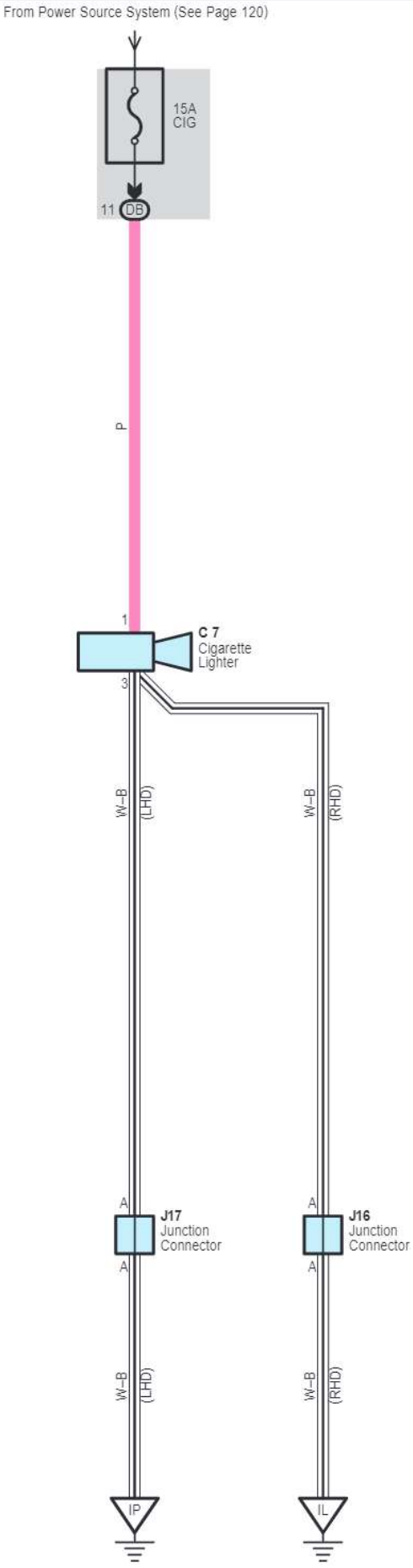
http://vnx.su


From Power Source System (See Page 120)
7.5A
ECU–IG
25A
F–HTR
10
DL
1
2
1
R–L
L
2
2
2
5
F–HTR
Relay
1
3
2
2
W–B
L–R
1
EE1
L–R
2
F15
Fuel Heater
1
W–B
W–B
EC
EI

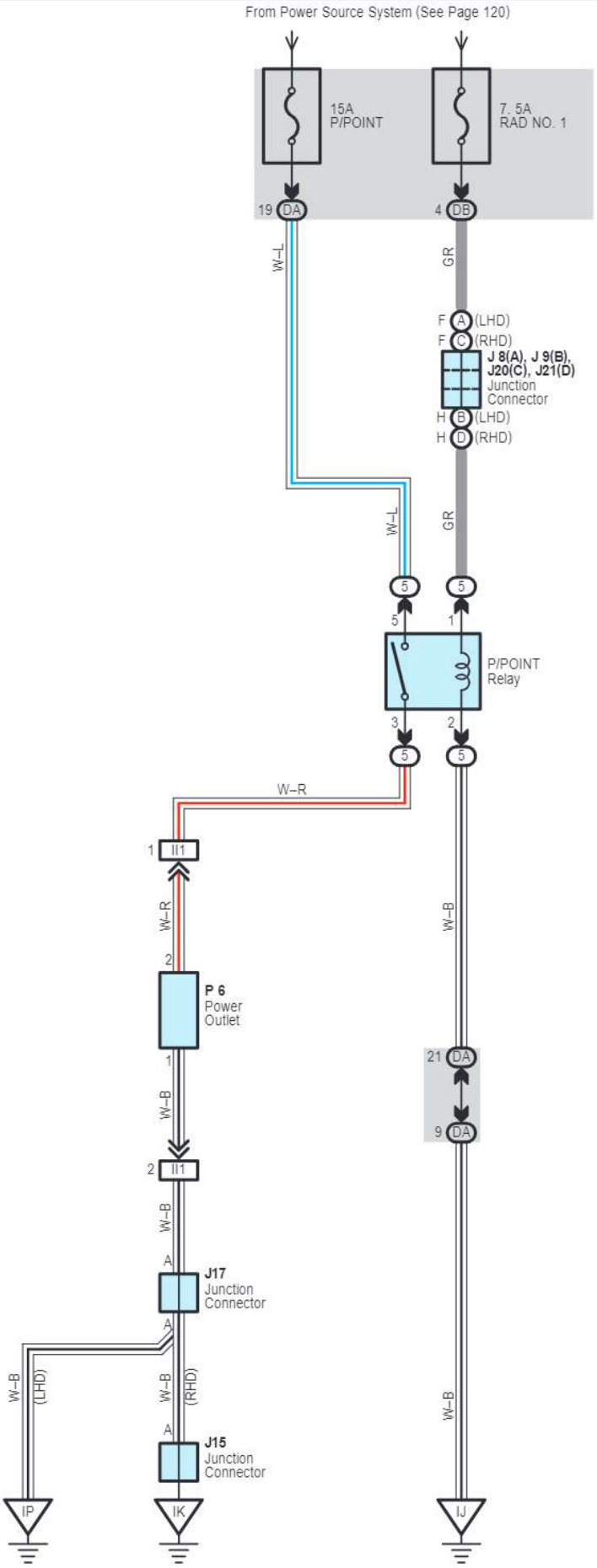
http://vnx.su


From Power Source System (See Page 120)
10A
GAUGE1
11
DK
R–W
7
I15
Inner Mirror
6
W–B
6
DK
9
DA
W–B
IJ

http://vnx.su

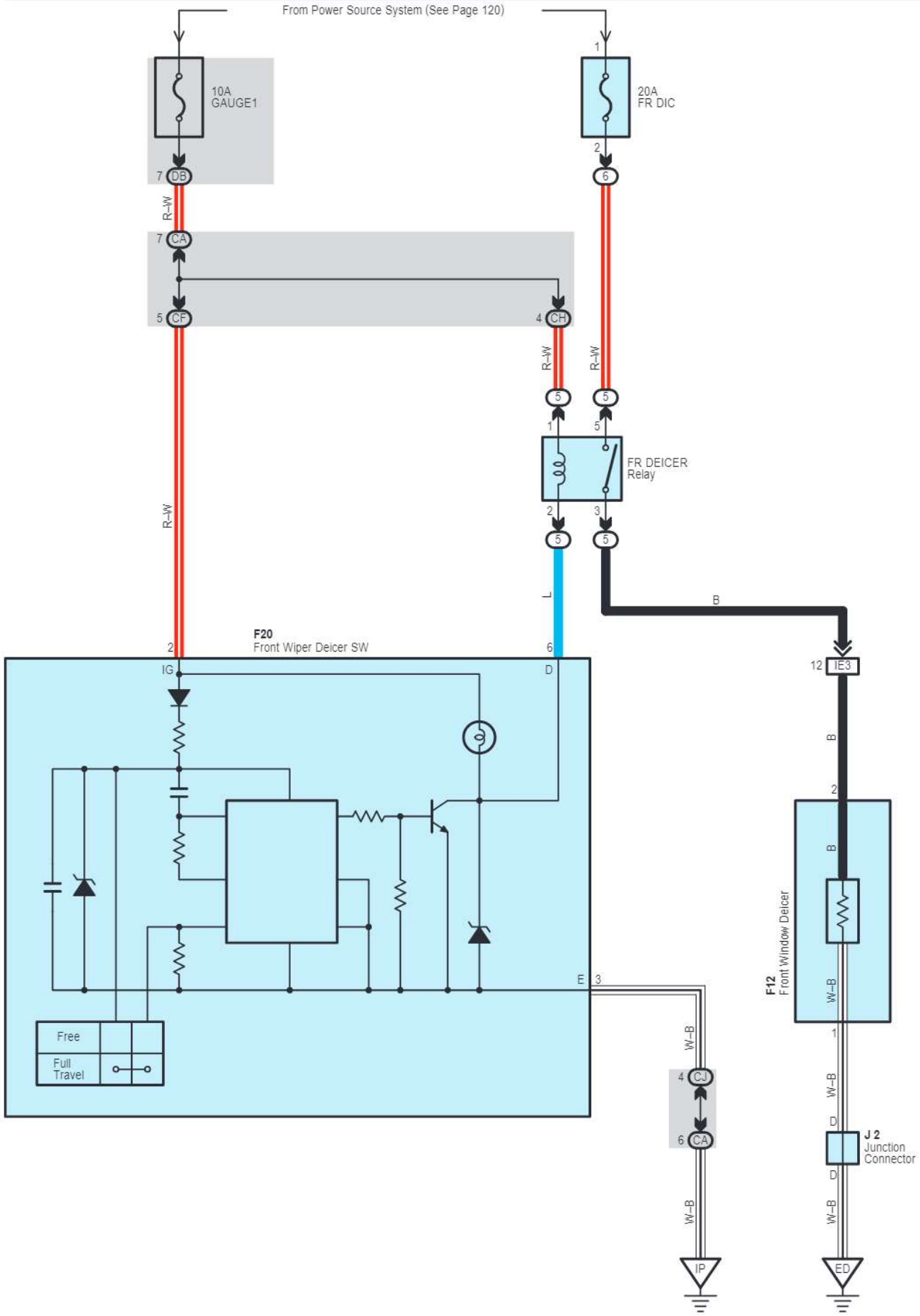

From Power Source System (See Page 120)
15A
CIG
11
DB
P
1
C 7
Cigarette
Lighter
3
W–B
(LHD)
W–B
(RHD)
A
J17
Junction
Connector
A
A
J16
Junction
Connector
A
W–B
(LHD)
W–B
(RHD)
IP
IL

http://vnx.su

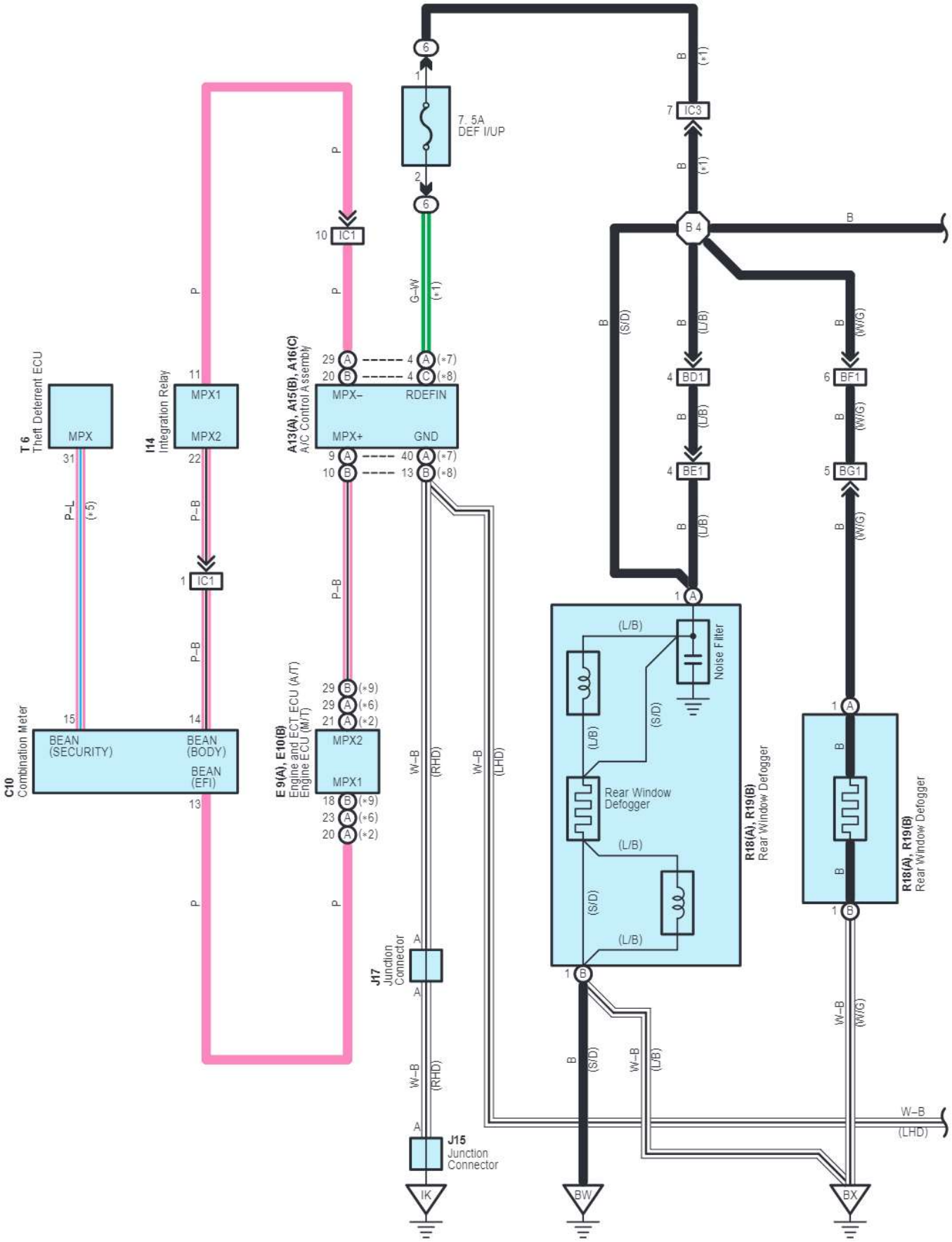

From Power Source System (See Page 120)
15A
P/POINT
7. 5A
RAD NO. 1
19 DA
4 DB
W-L
GR
F A (LHD)
F C (RHD)
J 8(A), J 9(B),
J20(C), J21(D)
Junction
Connector
H B (LHD)
H D (RHD)
W-L
GR
5
5
5
1
P/POINT
Relay
3
2
5
5
W-R
1 I11
W-R
2
P 6
Power
Outlet
1
W-B
2 I11
W-B
A
J17
Junction
Connector
A
W-B
(LHD)
W-B
(RHD)
A
J15
Junction
Connector
IP
IK
W-B
21 DA
9 DA
W-B
IJ

http://vnx.su

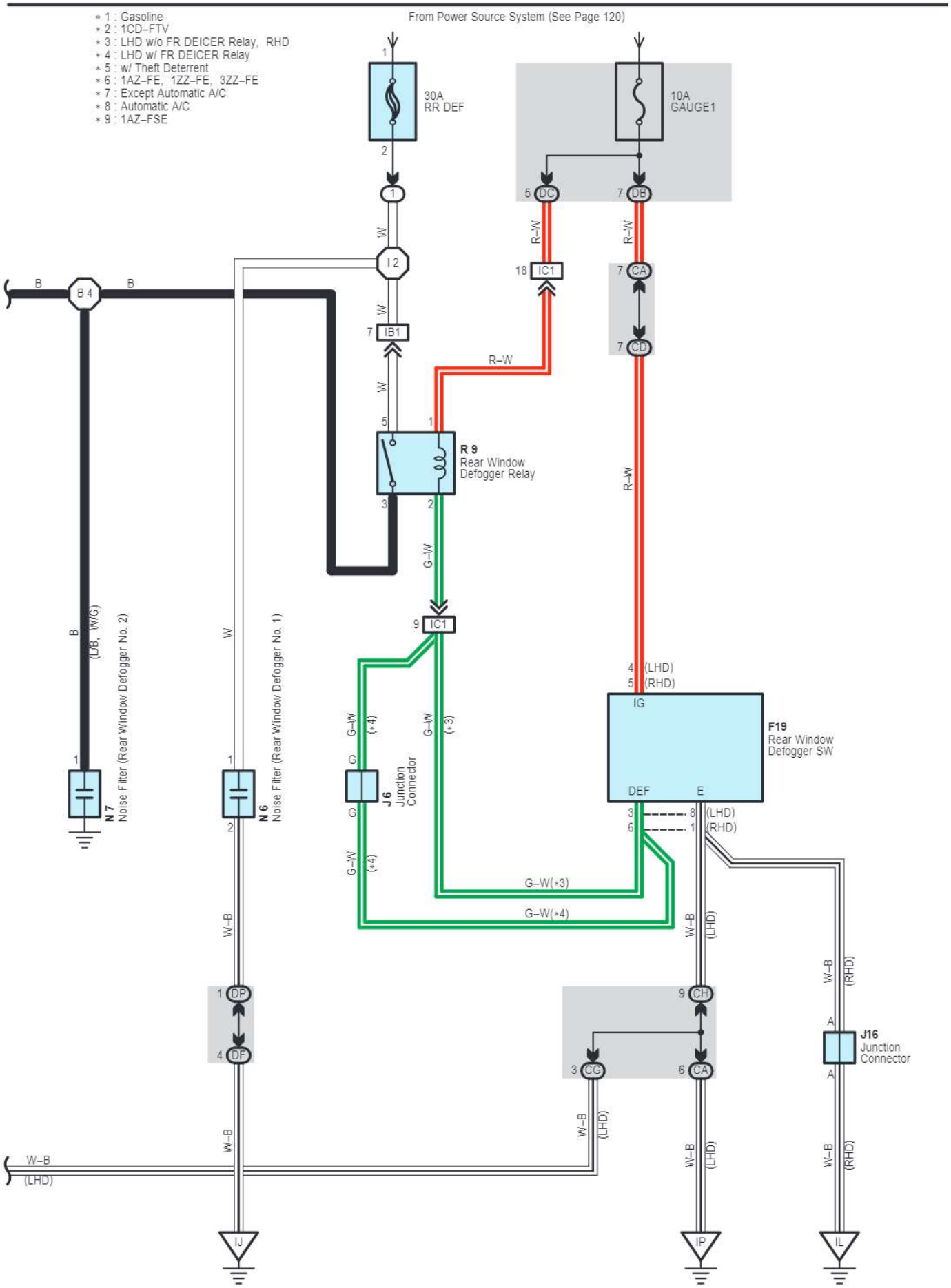
Front Window Deicer



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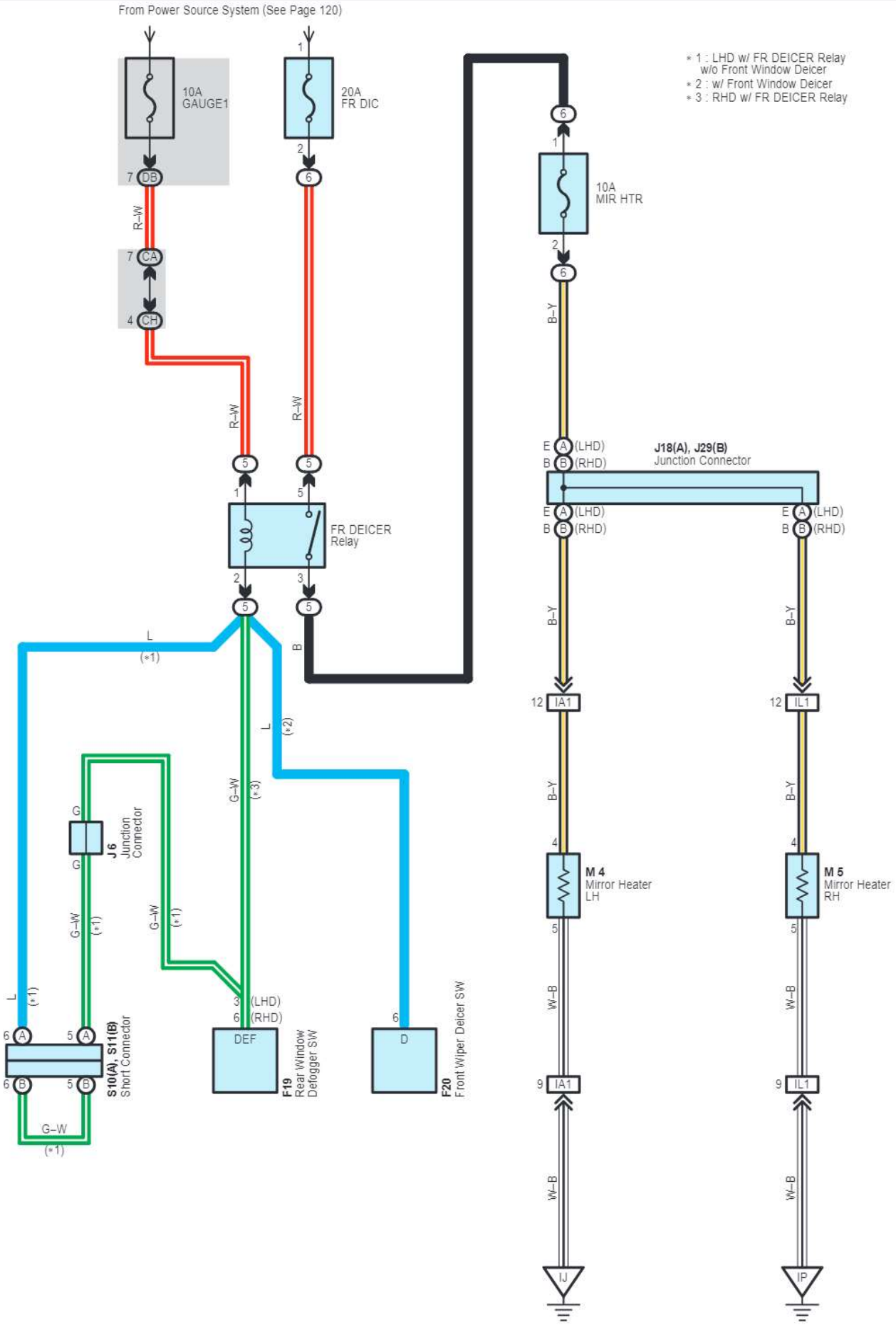

7.5A
DEF I/UP
IC3
B 4
BD1
BE1
BF1
BG1
IC1
T6
Theft Deterrent ECU
MPX
I14
Integration Relay
MPX1
MPX2
A13(A), A15(B), A16(C)
A/C Control Assembly
MPX–
RDEFIN
MPX+
GND
C10
Combination Meter
BEAN (SECURITY)
BEAN (BODY)
BEAN (EFI)
E9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
Noise Filter
Rear Window Defogger
R18(A), R19(B)
Rear Window Defogger
J17
Junction Connector
J15
Junction Connector
IK
BW
BX
W–B (RHD)
W–B (LHD)
P–L
P–B
G–W
B (S/D)
B (L/B)
B (W/G)

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* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : LHD w/o FR DEICER Relay, RHD
* 4 : LHD w/ FR DEICER Relay
* 5 : w/ Theft Deterrent
* 6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 7 : Except Automatic A/C
* 8 : Automatic A/C
* 9 : 1AZ–FSE
From Power Source System (See Page 120)
30A RR DEF
10A GAUGE1
R 9 Rear Window Defogger Relay
N 7 Noise Filter (Rear Window Defogger No. 2)
N 6 Noise Filter (Rear Window Defogger No. 1)
J6 Junction Connector
F19 Rear Window Defogger SW
J16 Junction Connector
B 4
I 2
IB1
IC1
DC
DB
CA
CD
DP
DF
CH
CG
IG
DEF
E
IJ
IP
IL
R–W
W
B
(LB, W(G))
G–W
G
W–B
(LHD)
(RHD)
(*3)
(*4)
G–W(*3)
G–W(*4)

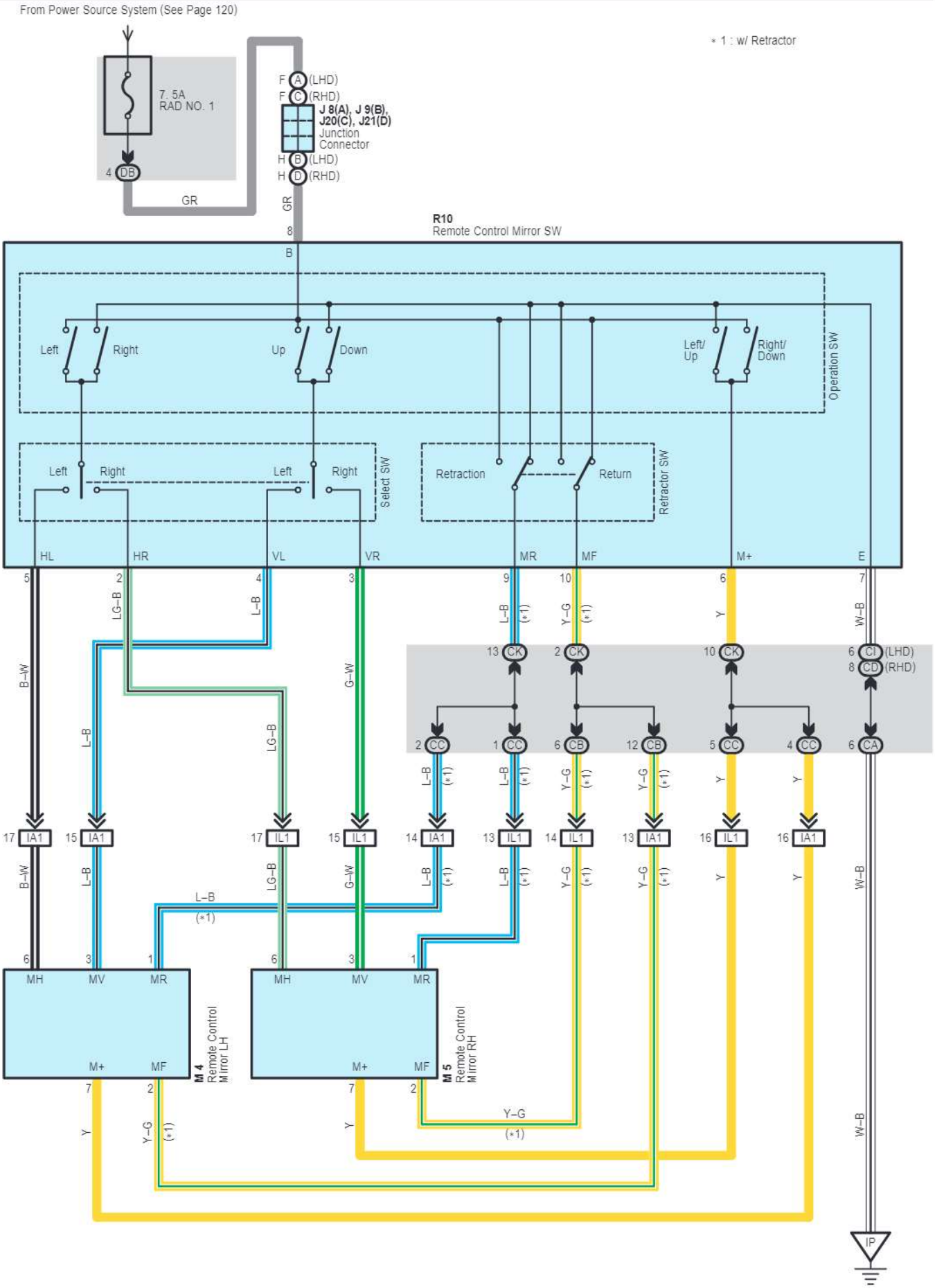
http://vnx.su

Mirror Heater



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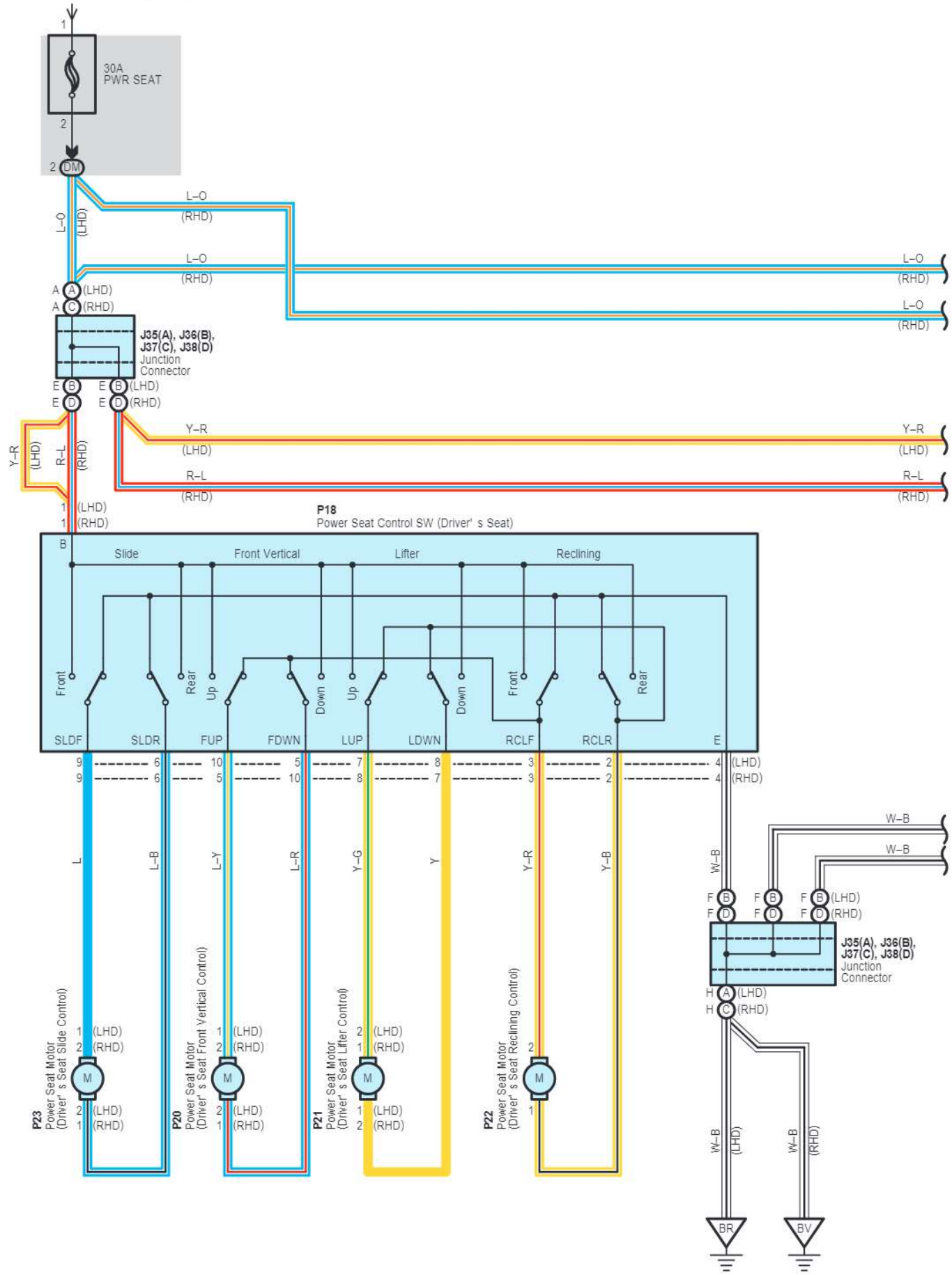
Remote Control Mirror



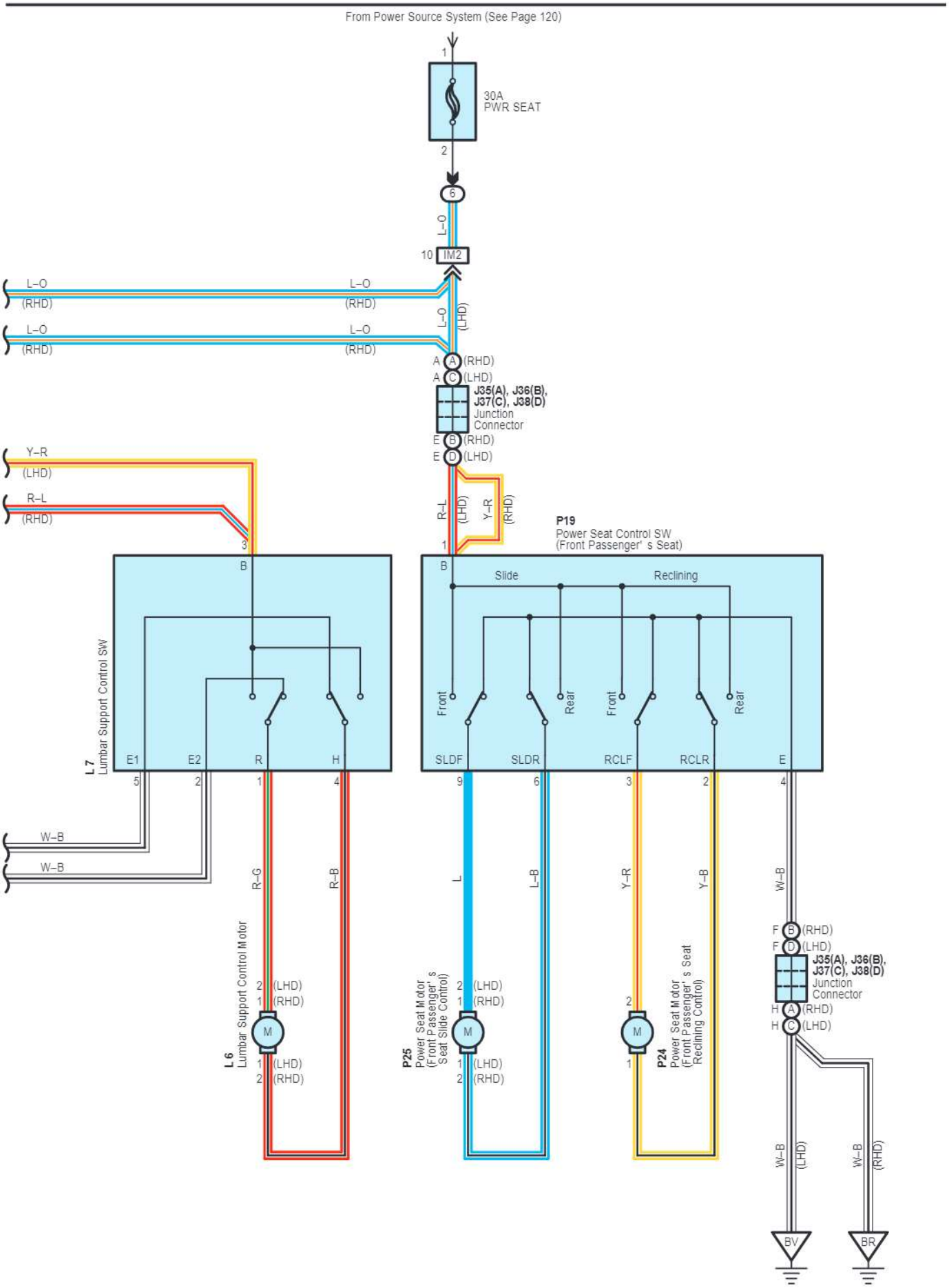
http://vnx.su

Power Seat

From Power Source System (See Page 120)

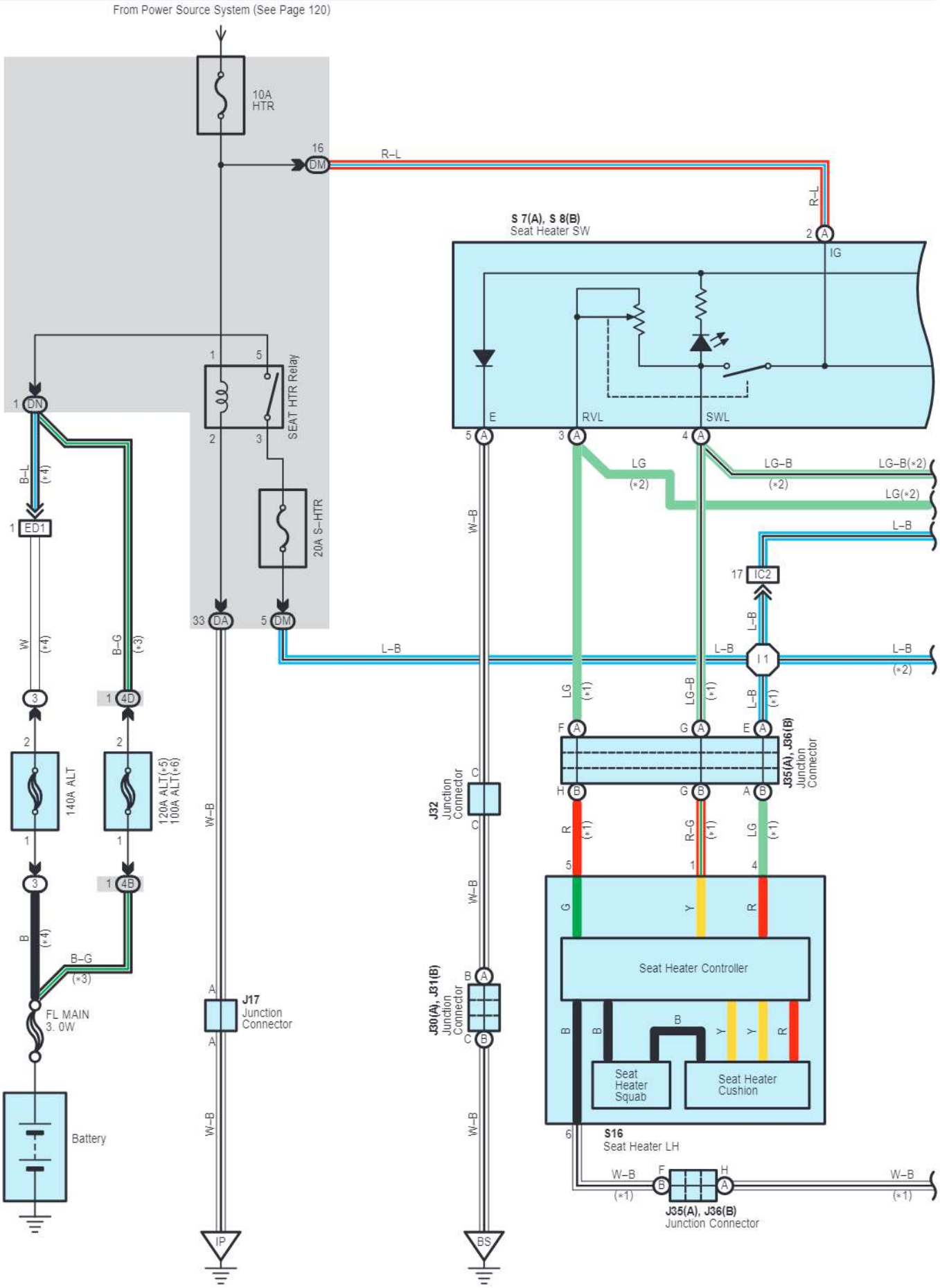


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From Power Source System (See Page 120)
30A
PWR SEAT
L-O
IM2
(RHD)
(LHD)
J35(A), J36(B),
J37(C), J38(D)
Junction
Connector
Y-R
R-L
P19
Power Seat Control SW
(Front Passenger' s Seat)
Slide
Reclining
Front
Rear
L 7
Lumbar Support Control SW
E1
E2
R
H
SLDF
SLDR
RCLF
RCLR
E
W-B
R-G
R-B
L
L-B
Y-R
Y-B
L 6
Lumbar Support Control Motor
P25
Power Seat Motor
(Front Passenger' s
Seat Slide Control)
P24
Power Seat Motor
(Front Passenger' s Seat
Reclining Control)
BV
BR

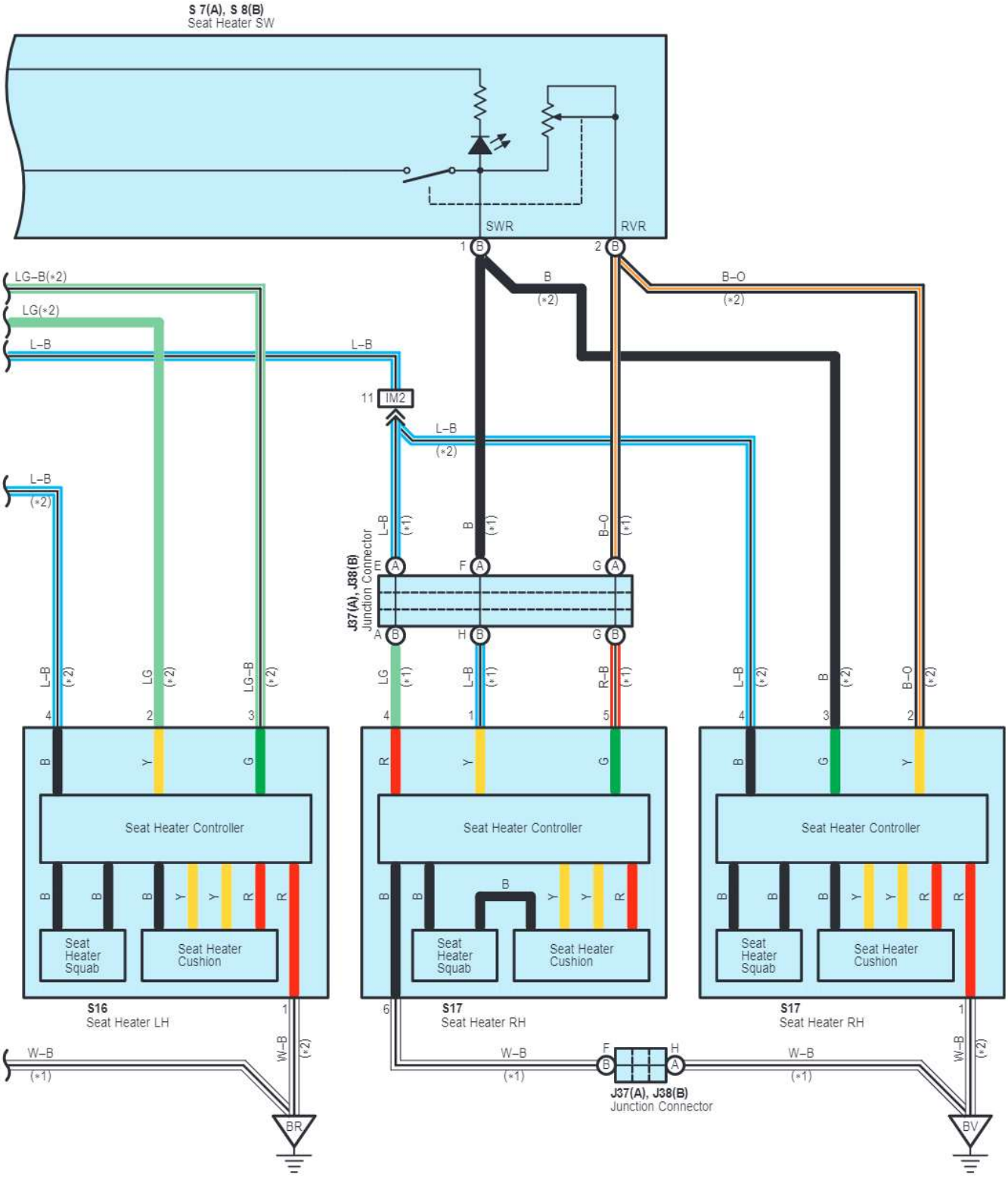
http://vnx.su

Seat Heater



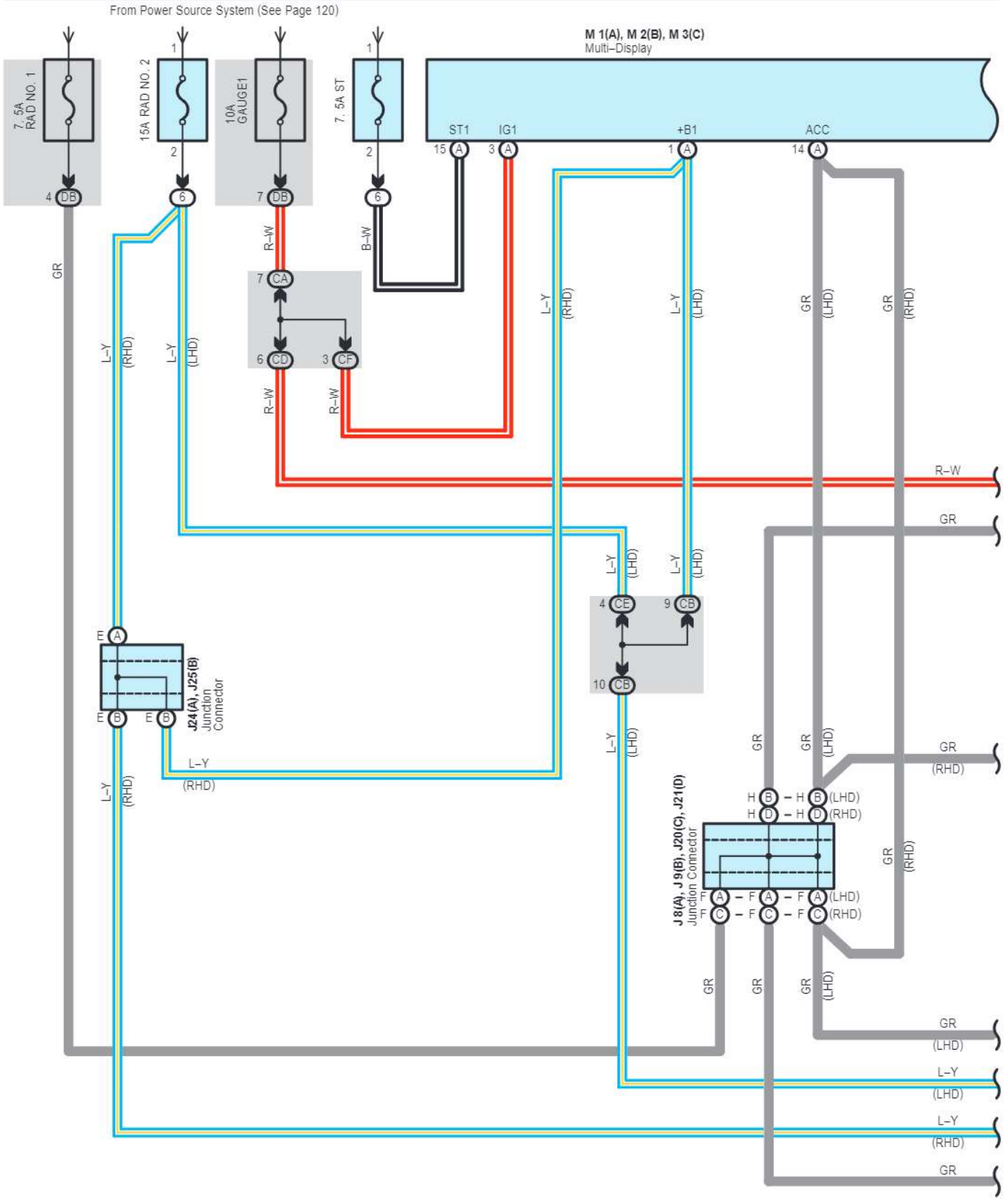
http://vnx.su

* 1 : w/ Power Seat
* 2 : w/o Power Seat
* 3 : Gasoline
* 4 : 1CD–FTV
* 5 : 1AZ–FSE, 1AZ–FE
* 6 : 1ZZ–FE, 3ZZ–FE

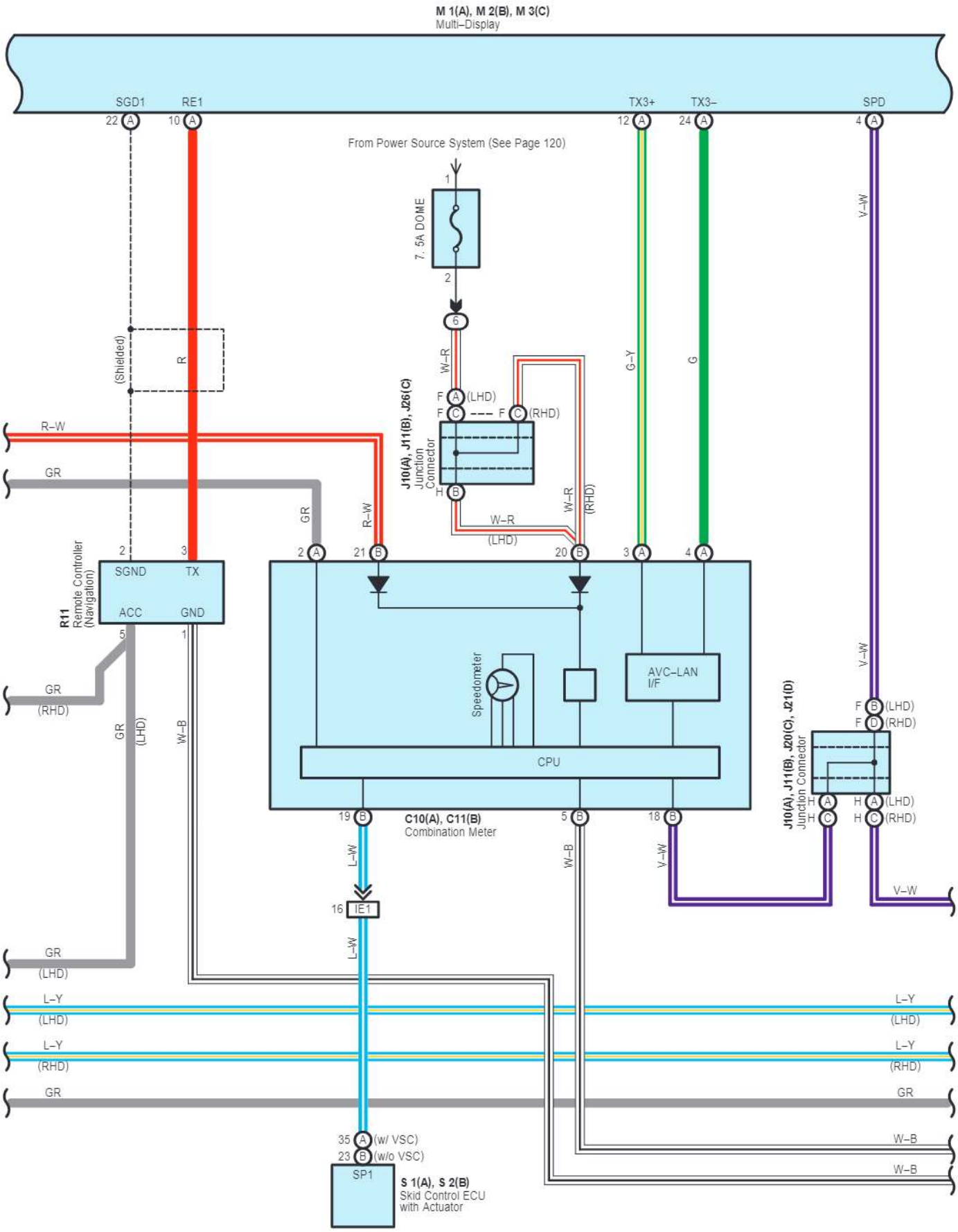


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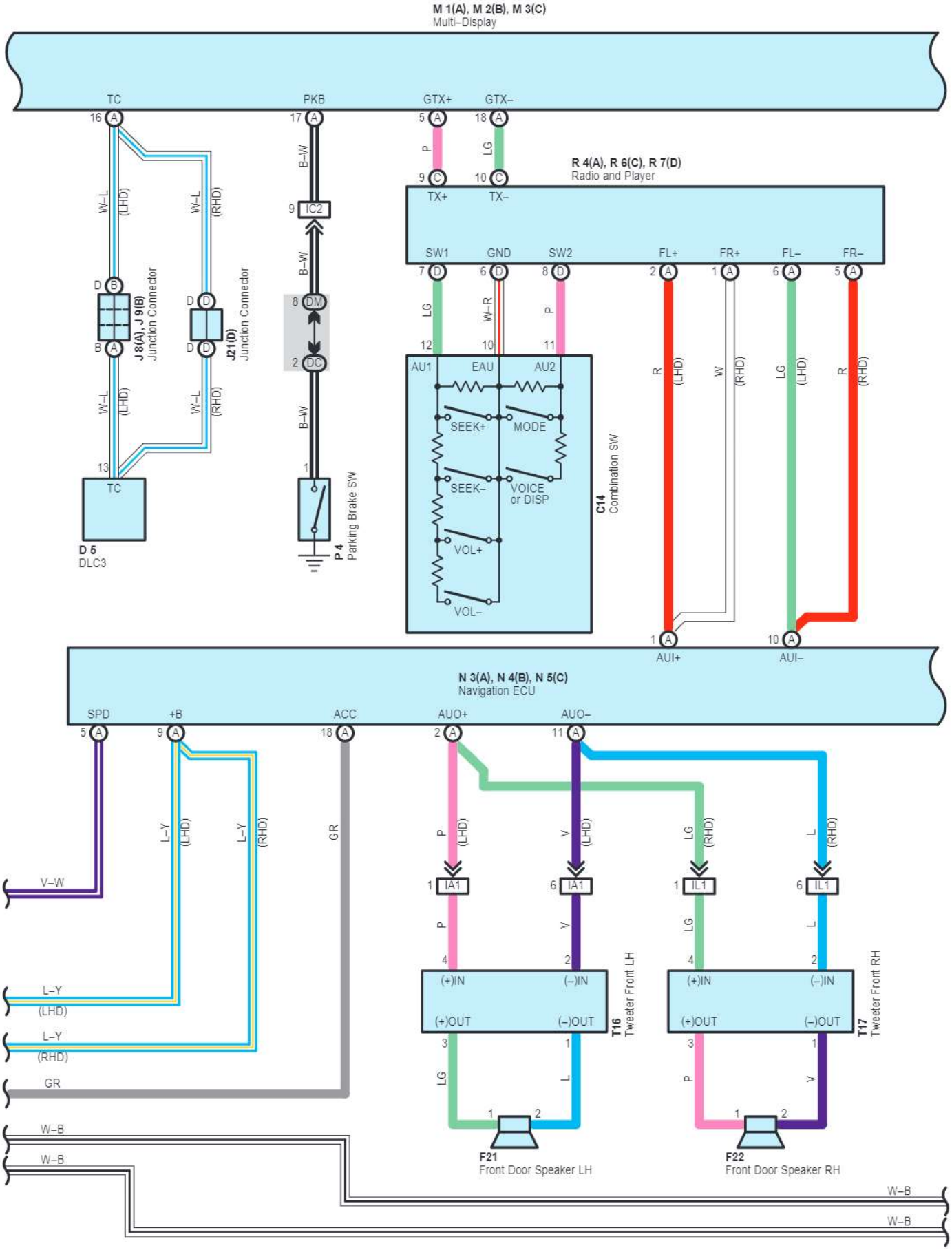
Navigation System (Map Type)



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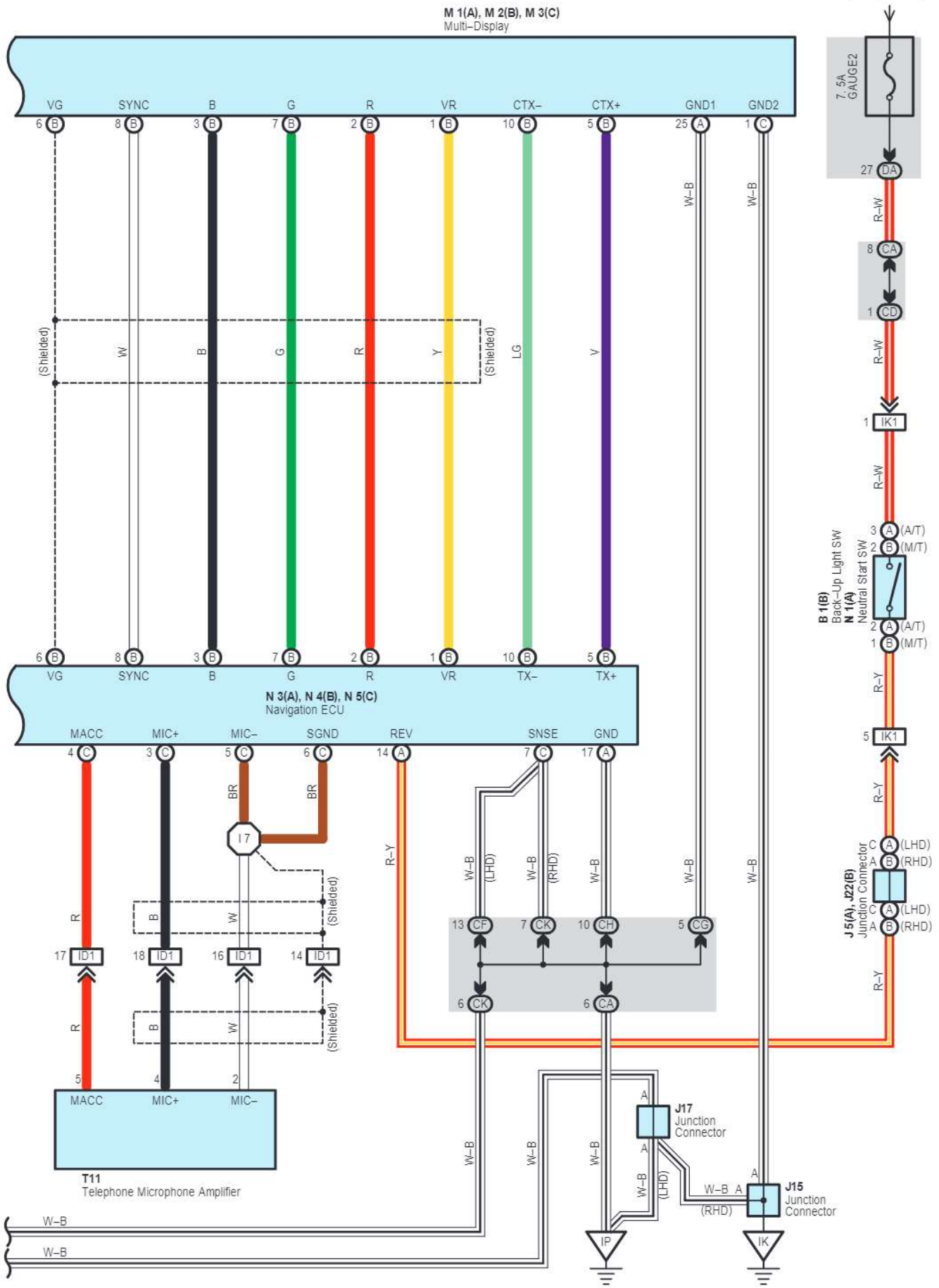

M 1(A), M 2(B), M 3(C)
Multi–Display
SGD1
RE1
TX3+
TX3–
SPD
From Power Source System (See Page 120)
7. 5A DOME
(Shielded)
R
R–W
GR
W–R
G–Y
G
V–W
J10(A), J11(B), J26(C)
Junction Connector
(LHD)
(RHD)
R11
Remote Controller
(Navigation)
SGND
TX
ACC
GND
Speedometer
AVC–LAN
I/F
CPU
J10(A), J11(B), J20(C), J21(D)
Junction Connector
C10(A), C11(B)
Combination Meter
L–W
W–B
IE1
L–Y
(w/ VSC)
(w/o VSC)
SP1
S 1(A), S 2(B)
Skid Control ECU
with Actuator

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M 1(A), M 2(B), M 3(C)
Multi–Display
TC
PKB
GTX+
GTX–
16
17
5
18
W–L
(LHD)
W–L
(RHD)
B–W
P
LG
9
10
TX+
TX–
R 4(A), R 6(C), R 7(D)
Radio and Player
IC2
B–W
8
DM
2
DC
B–W
SW1
GND
SW2
FL+
FR+
FL–
FR–
7
6
8
2
1
6
5
LG
W–R
P
R
(LHD)
W
(RHD)
LG
(LHD)
R
(RHD)
12
10
11
J 8(A), J 9(B)
Junction Connector
J21(D)
Junction Connector
AU1
EAU
AU2
SEEK+
MODE
SEEK–
VOICE
or DISP
VOL+
VOL–
C14
Combination SW
13
1
1
10
TC
AUI+
AUI–
D 5
DLC3
P 4
Parking Brake SW
N 3(A), N 4(B), N 5(C)
Navigation ECU
SPD
+B
ACC
AUO+
AUO–
5
9
18
2
11
L–Y
(LHD)
L–Y
(RHD)
GR
P
(LHD)
V
(LHD)
LG
(RHD)
L
(RHD)
V–W
1
IA1
6
IA1
1
IL1
6
IL1
P
V
LG
L
4
2
4
2
(+)IN
(–)IN
(+)OUT
(–)OUT
T16
Tweeter Front LH
T17
Tweeter Front RH
L–Y
(LHD)
L–Y
(RHD)
GR
3
1
3
1
LG
L
P
V
1
2
1
2
F21
Front Door Speaker LH
F22
Front Door Speaker RH
W–B
W–B
W–B
W–B

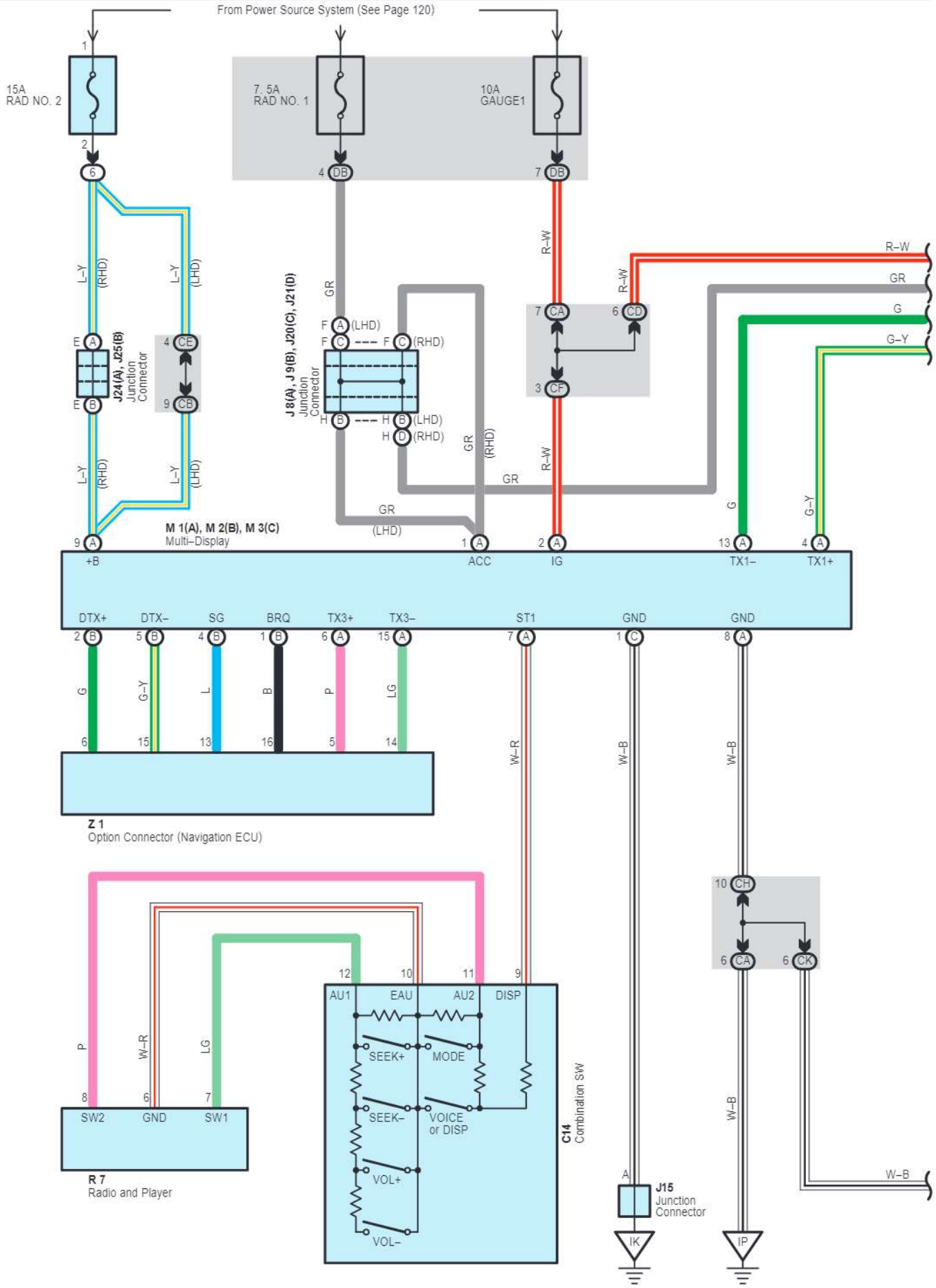
http://vnx.su

From Power Source System (See Page 120)

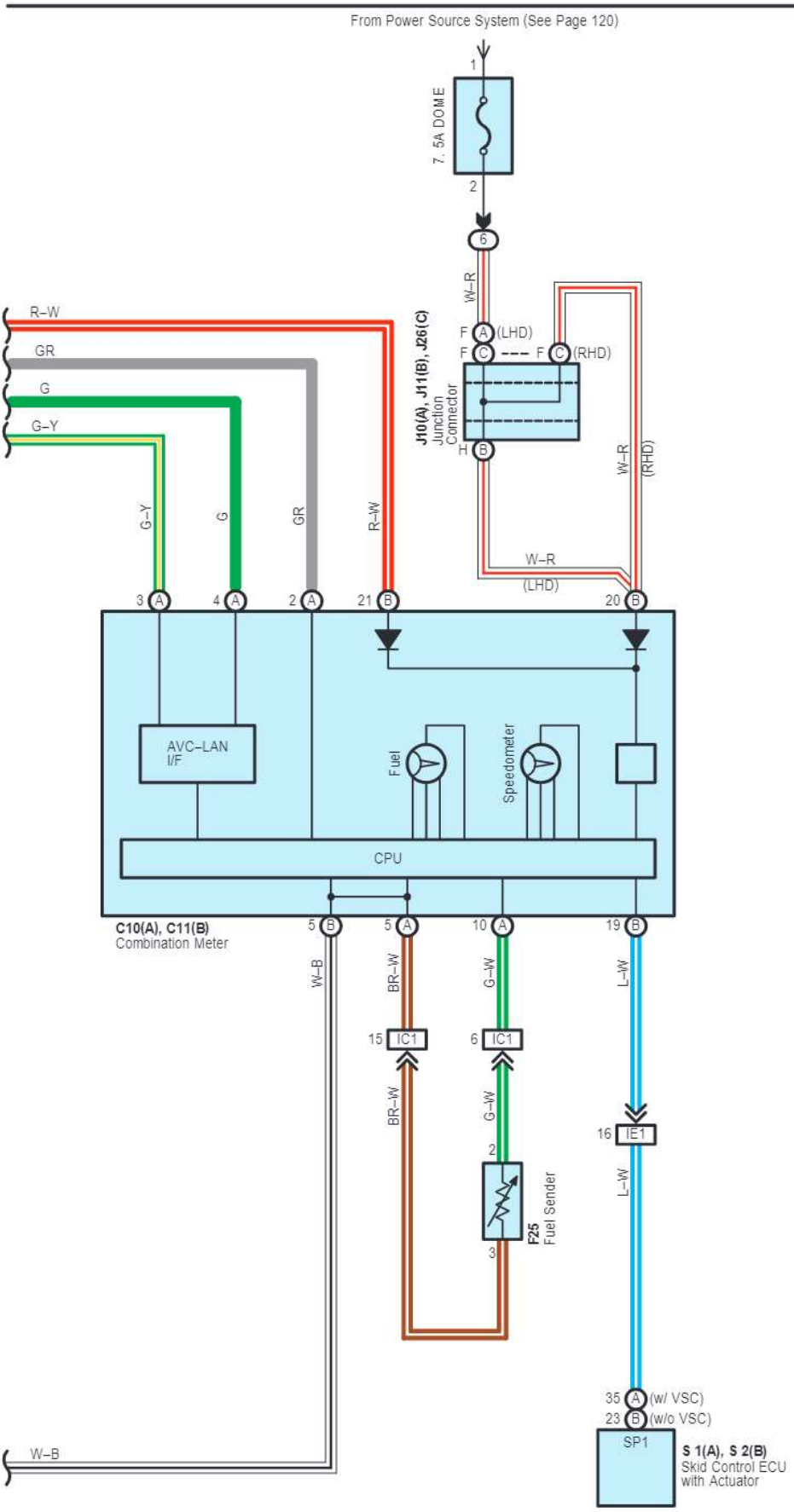


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Multi–Display (w/o Navigation System Map Type)

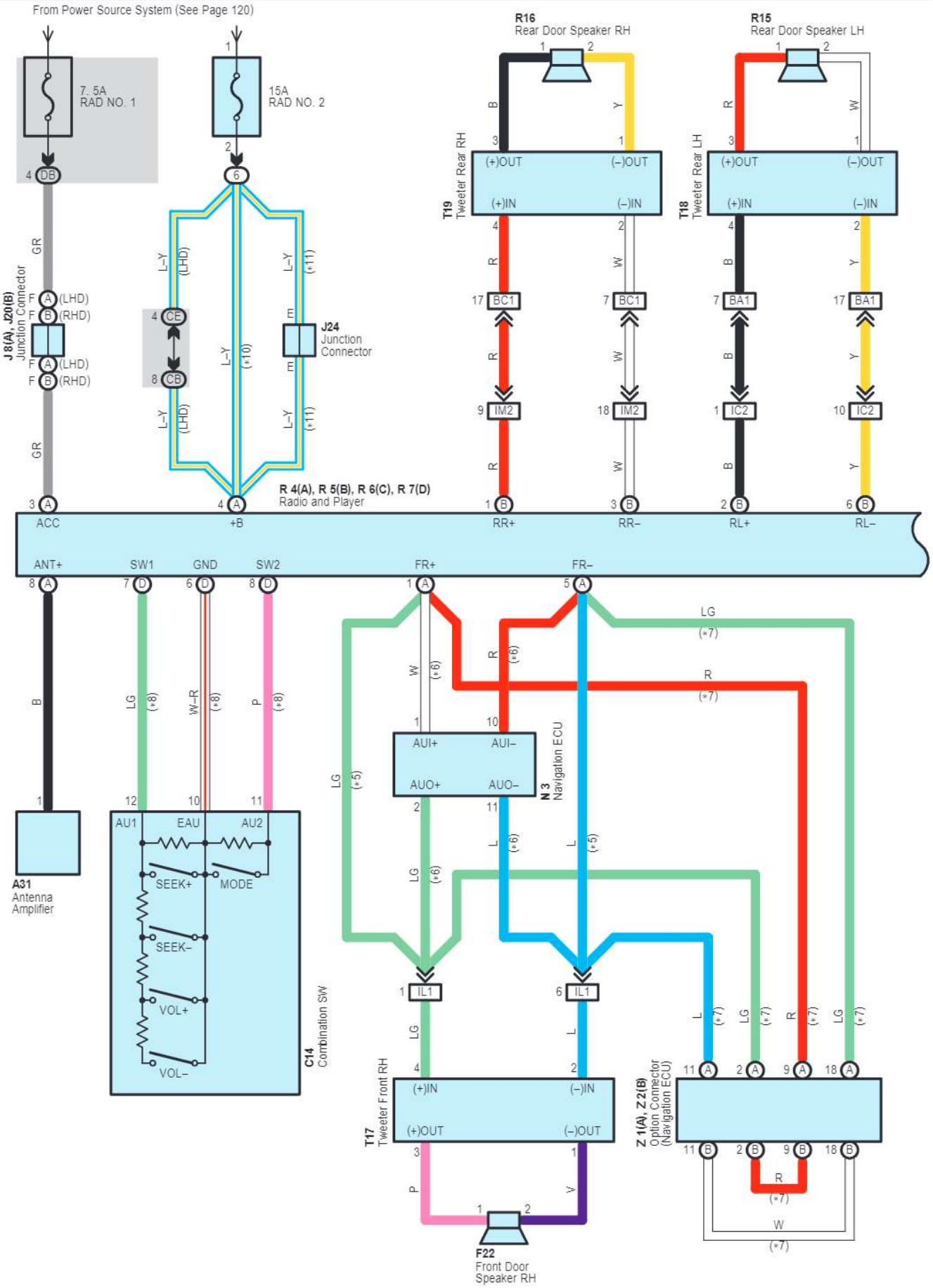


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From Power Source System (See Page 120)
7.5A DOME
1
2
6
W–R
F A (LHD)
F C --- F C (RHD)
J10(A), J11(B), J26(C)
Junction Connector
H B
W–R (RHD)
W–R (LHD)
R–W
GR
G
G–Y
G–Y
G
GR
R–W
3 A
4 A
2 A
21 B
20 B
AVC–LAN I/F
Fuel
Speedometer
CPU
C10(A), C11(B)
Combination Meter
5 B
5 A
10 A
19 B
W–B
BR–W
G–W
L–W
15 IC1
6 IC1
16 IE1
BR–W
G–W
L–W
2
3
F25
Fuel Sender
35 A (w/ VSC)
23 B (w/o VSC)
SP1
S 1(A), S 2(B)
Skid Control ECU with Actuator
W–B

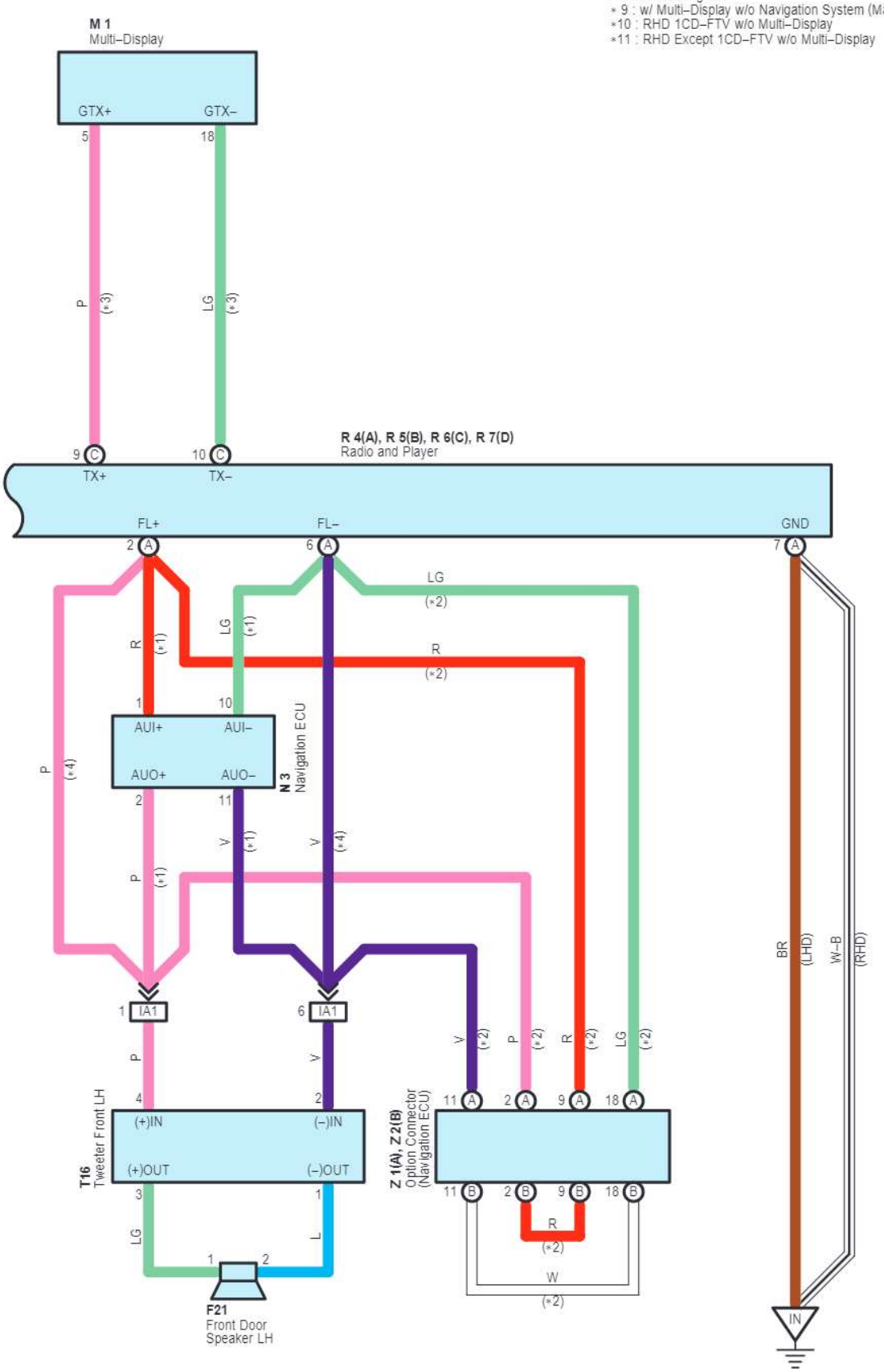
http://vnx.su

Radio and Player



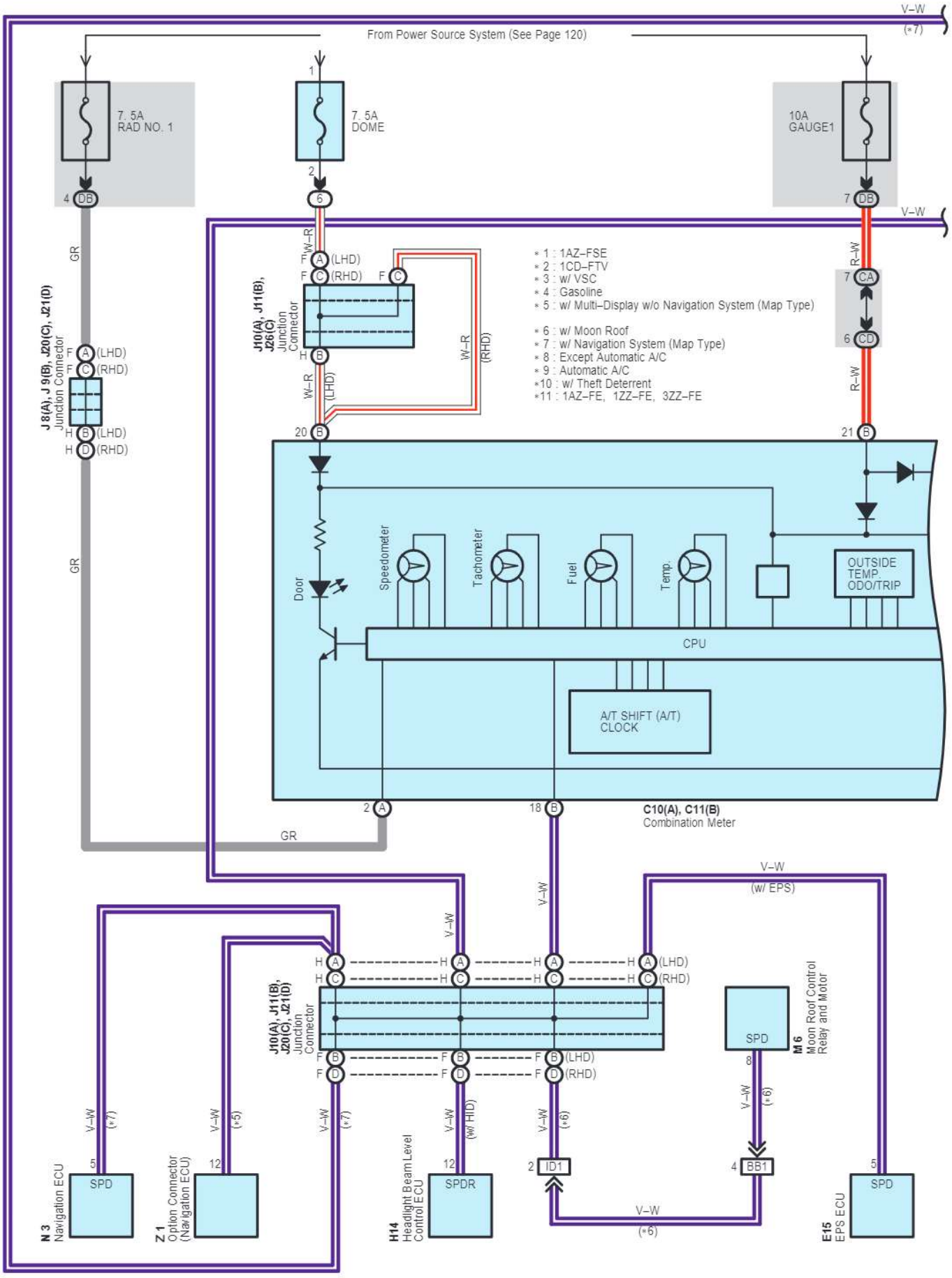
http://vnx.su

* 1 : LHD *3
* 2 : LHD *9
* 3 : w/ Navigation System (Map Type)
* 4 : RHD, LHD w/o Multi–Display
* 5 : LHD, RHD w/o Multi–Display
* 6 : RHD *3
* 7 : RHD *9
* 8 : w/ Steering SW
* 9 : w/ Multi–Display w/o Navigation System (Map Type)
*10 : RHD 1CD–FTV w/o Multi–Display
*11 : RHD Except 1CD–FTV w/o Multi–Display

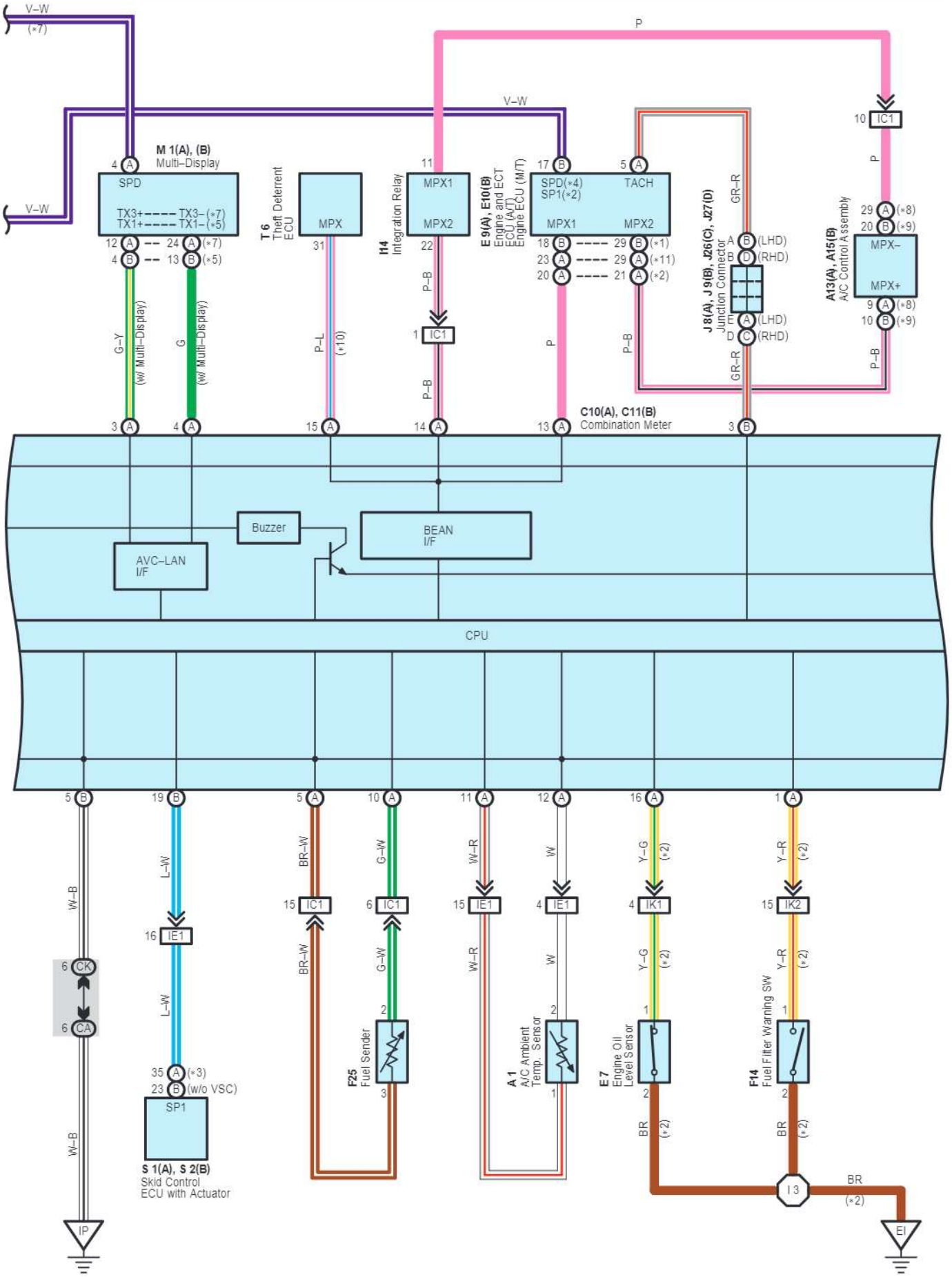


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Combination Meter

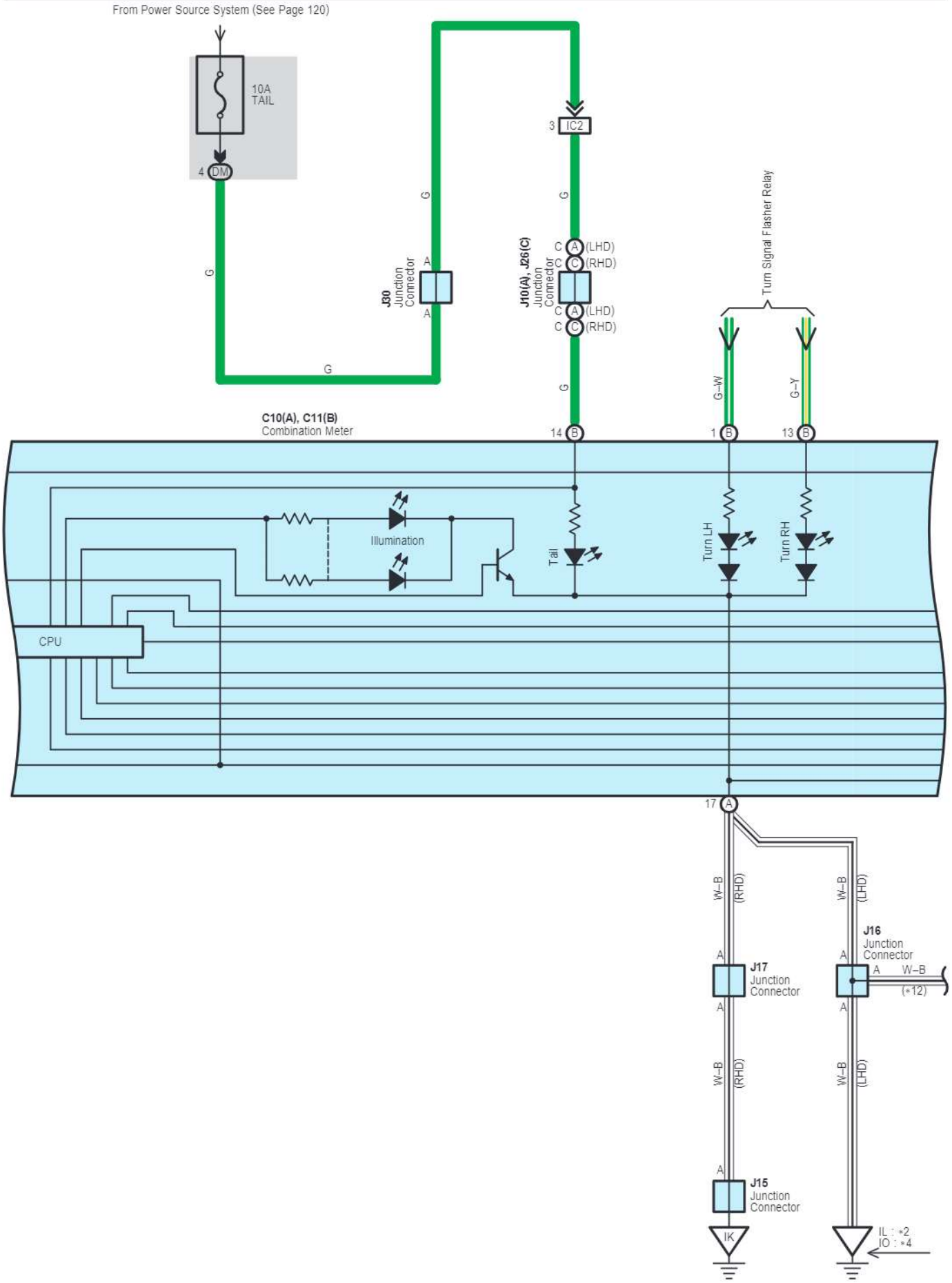


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V–W
(*7)
P
V–W
V–W
10 IC1
P
M 1(A), (B)
Multi–Display
4 A
SPD
TX3+ TX3– (*7)
TX1+ TX1– (*5)
12 A 24 A (*7)
4 B 13 B (*5)
T 6
Theft Deterrent ECU
MPX
31
I14
Integration Relay
11
MPX1
MPX2
22
P–B
1 IC1
P–B
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
17 B
SPD(*4)
SP1(*2)
MPX1
MPX2
18 B 29 B (*1)
23 A 29 A (*11)
20 A 21 A (*2)
5 A
TACH
P
P–B
GR–R
J 8(A), J 9(B), J26(C), J27(D)
Junction Connector
A B (LHD)
B D (RHD)
C A (LHD)
D C (RHD)
GR–R
A13(A), A15(B)
A/C Control Assembly
29 A (*8)
20 B (*9)
MPX–
MPX+
9 A (*8)
10 B (*9)
P–B
G–Y
(w/ Multi–Display)
G
(w/ Multi–Display)
P–L
(*10)
3 A
4 A
15 A
14 A
13 A
3 B
C10(A), C11(B)
Combination Meter
Buzzer
BEAN
I/F
AVC–LAN
I/F
CPU
5 B
19 B
5 A
10 A
11 A
12 A
16 A
1 A
W–B
L–W
BR–W
G–W
W–R
W
Y–G
(*2)
Y–R
(*2)
6 CK
6 CA
16 IE1
15 IC1
6 IC1
15 IE1
4 IE1
4 IK1
15 IK2
L–W
BR–W
G–W
W–R
W
Y–G
(*2)
Y–R
(*2)
35 A (*3)
23 B (w/o VSC)
SP1
S 1(A), S 2(B)
Skid Control
ECU with Actuator
F25
Fuel Sender
2
3
A 1
A/C Ambient
Temp. Sensor
2
1
E 7
Engine Oil
Level Sensor
1
2
BR
(*2)
F14
Fuel Filter Warning SW
1
2
BR
(*2)
W–B
I 3
BR
(*2)
IP
EI

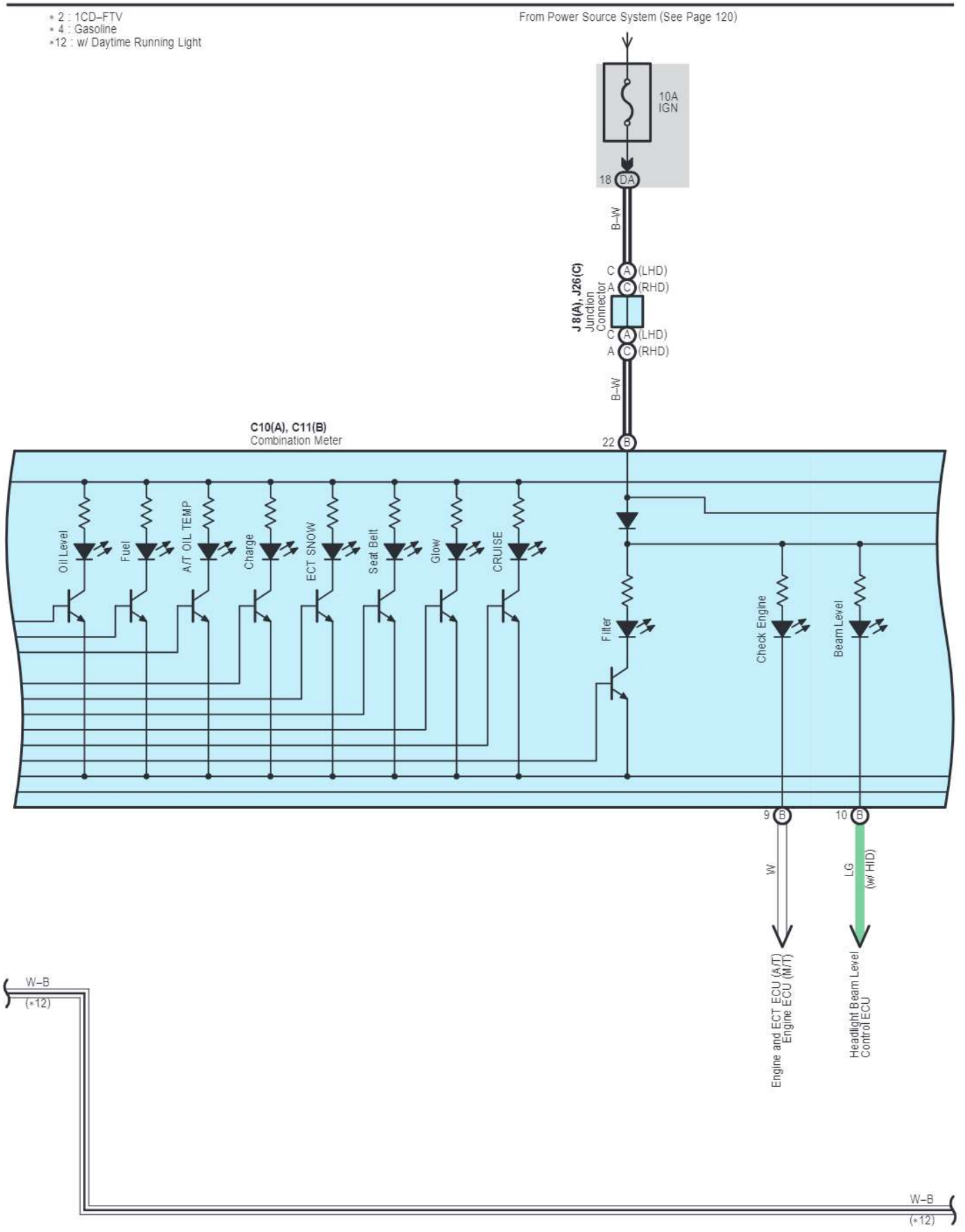
http://vnx.su

Combination Meter



http://vnx.su

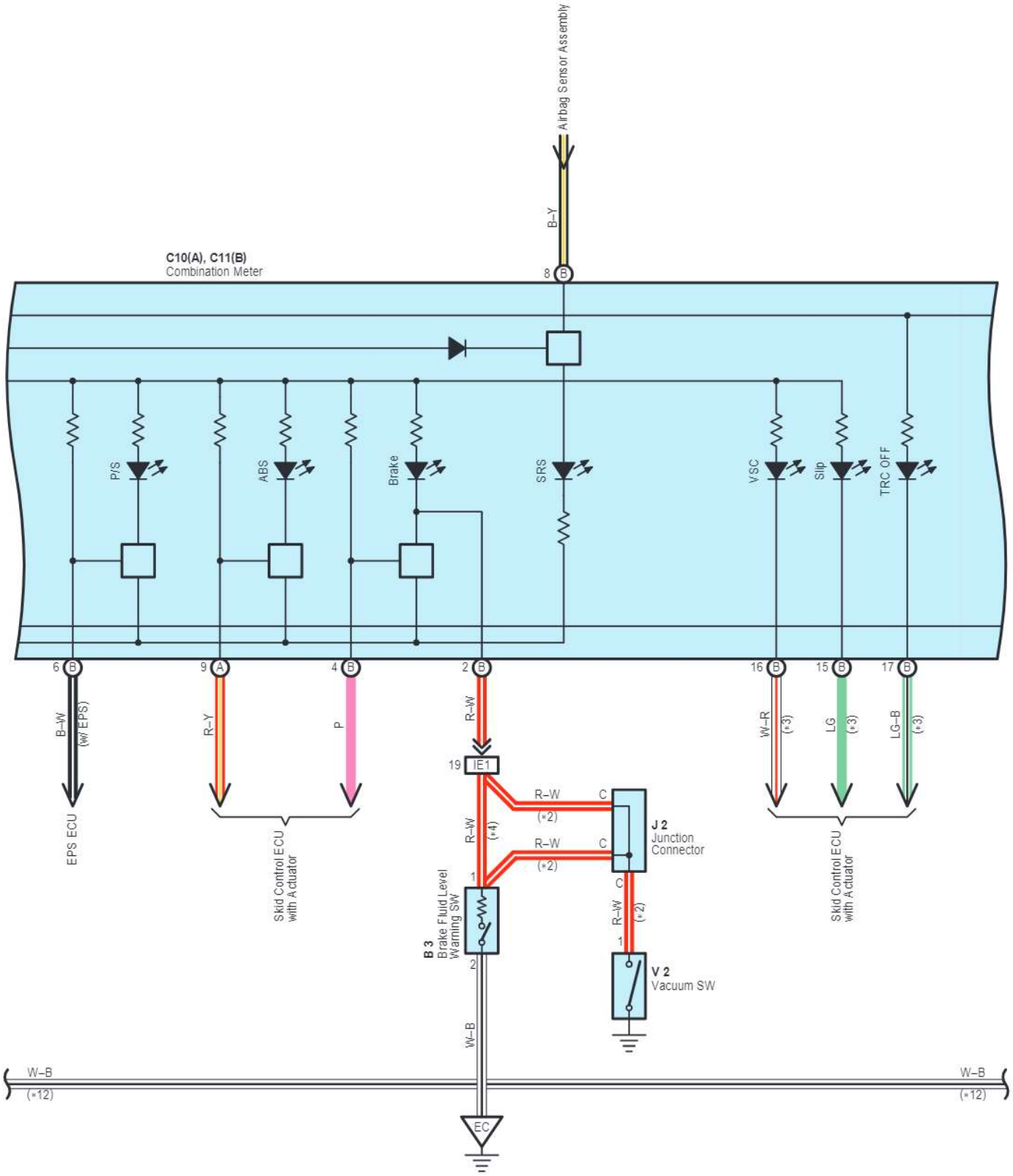
* 2 : 1CD–FTV
* 4 : Gasoline
*12 : w/ Daytime Running Light



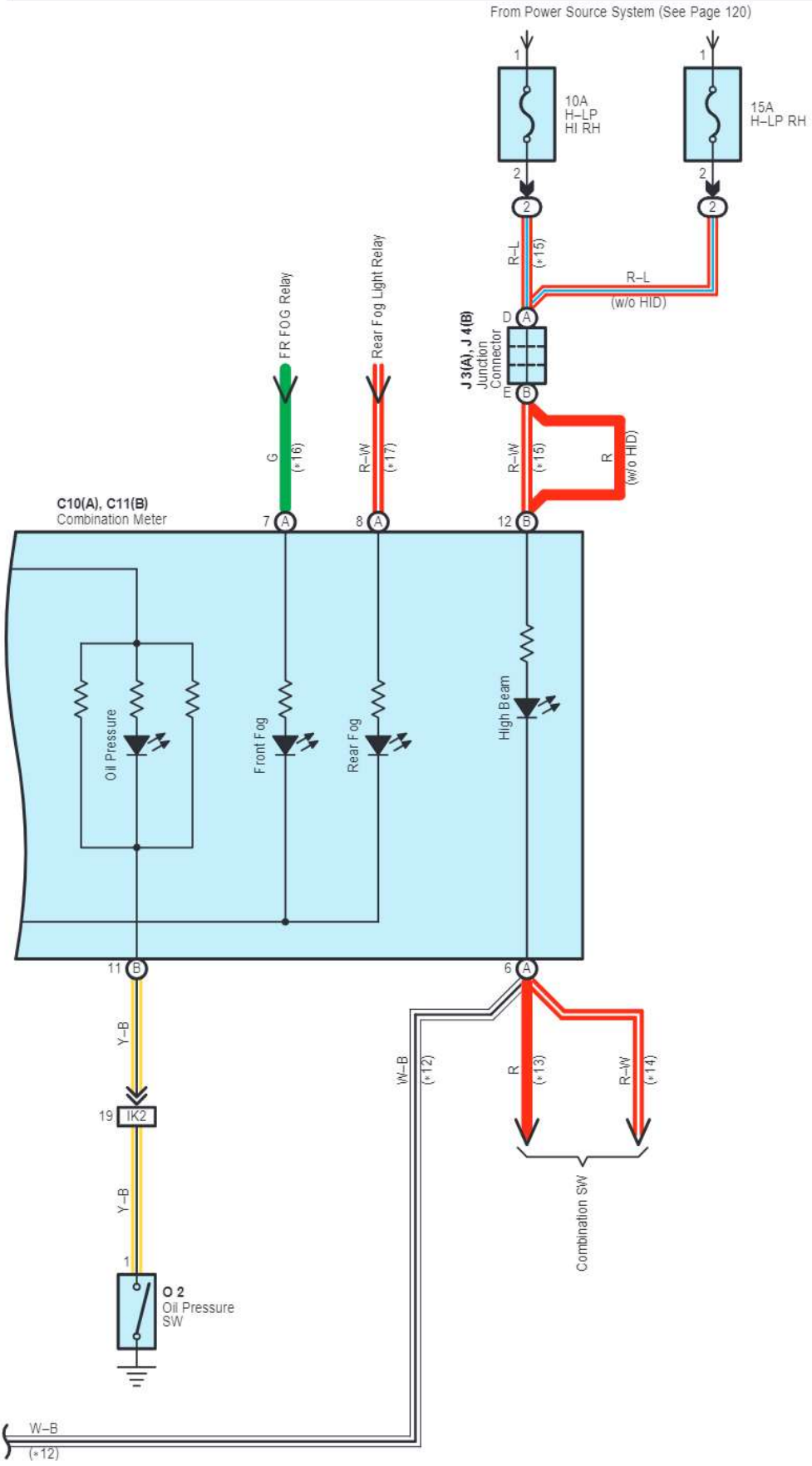
http://vnx.su

Combination Meter

* 2 : 1CD–FTV
* 3 : w/ VSC
* 4 : Gasoline
*12 : w/ Daytime Running Light
*13 : w/o Daytime Running Light w/o HID
*14 : w/o Daytime Running Light w/ HID
*15 : w/ Daytime Running Light, w/ HID
*16 : w/ Front Fog Light
*17 : w/ Rear Fog Light

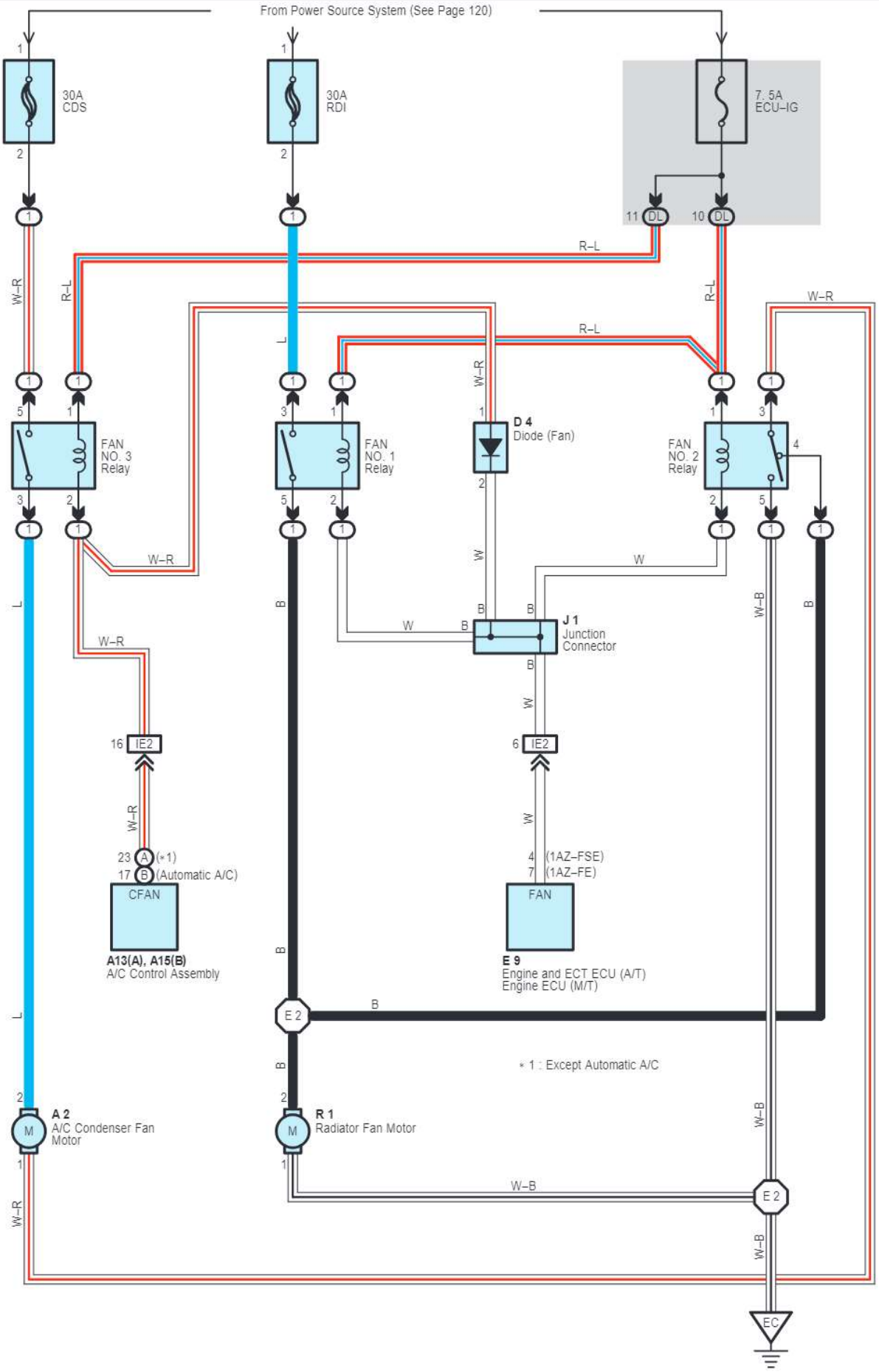


http://vnx.su


From Power Source System (See Page 120)
10A
H-LP
HI RH
15A
H-LP RH
R-L
(*15)
R-L
(w/o HID)
FR FOG Relay
Rear Fog Light Relay
J 3(A), J 4(B)
Junction
Connector
G
(*16)
R-W
(*17)
R-W
(*15)
R
(w/o HID)
C10(A), C11(B)
Combination Meter
Oil Pressure
Front Fog
Rear Fog
High Beam
Y-B
IK2
Y-B
O 2
Oil Pressure
SW
W-B
(*12)
W-B
(*12)
R
(*13)
R-W
(*14)
Combination SW

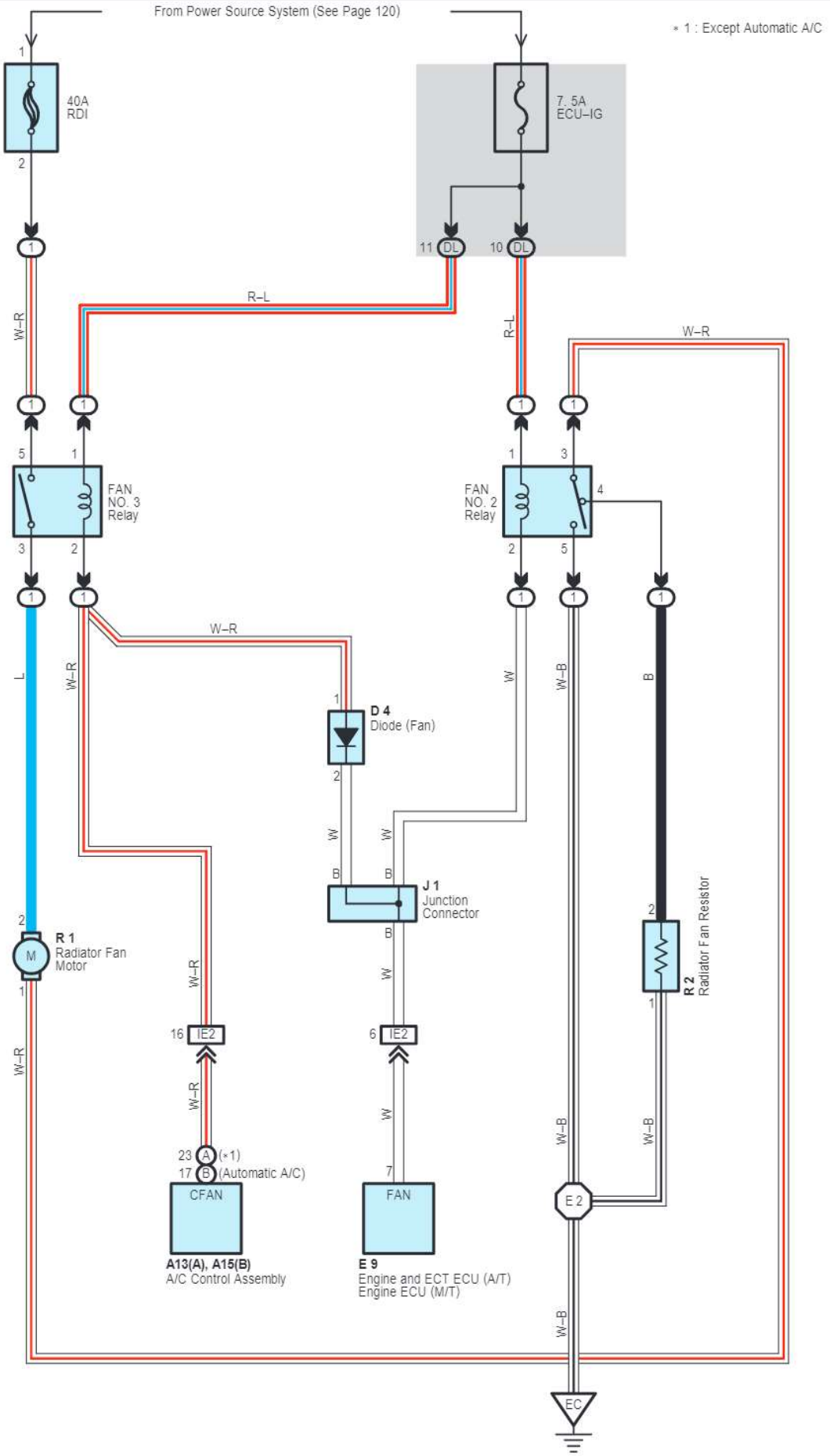
http://vnx.su

Radiator Fan and Condenser Fan (1AZ–FE, 1AZ–FSE)



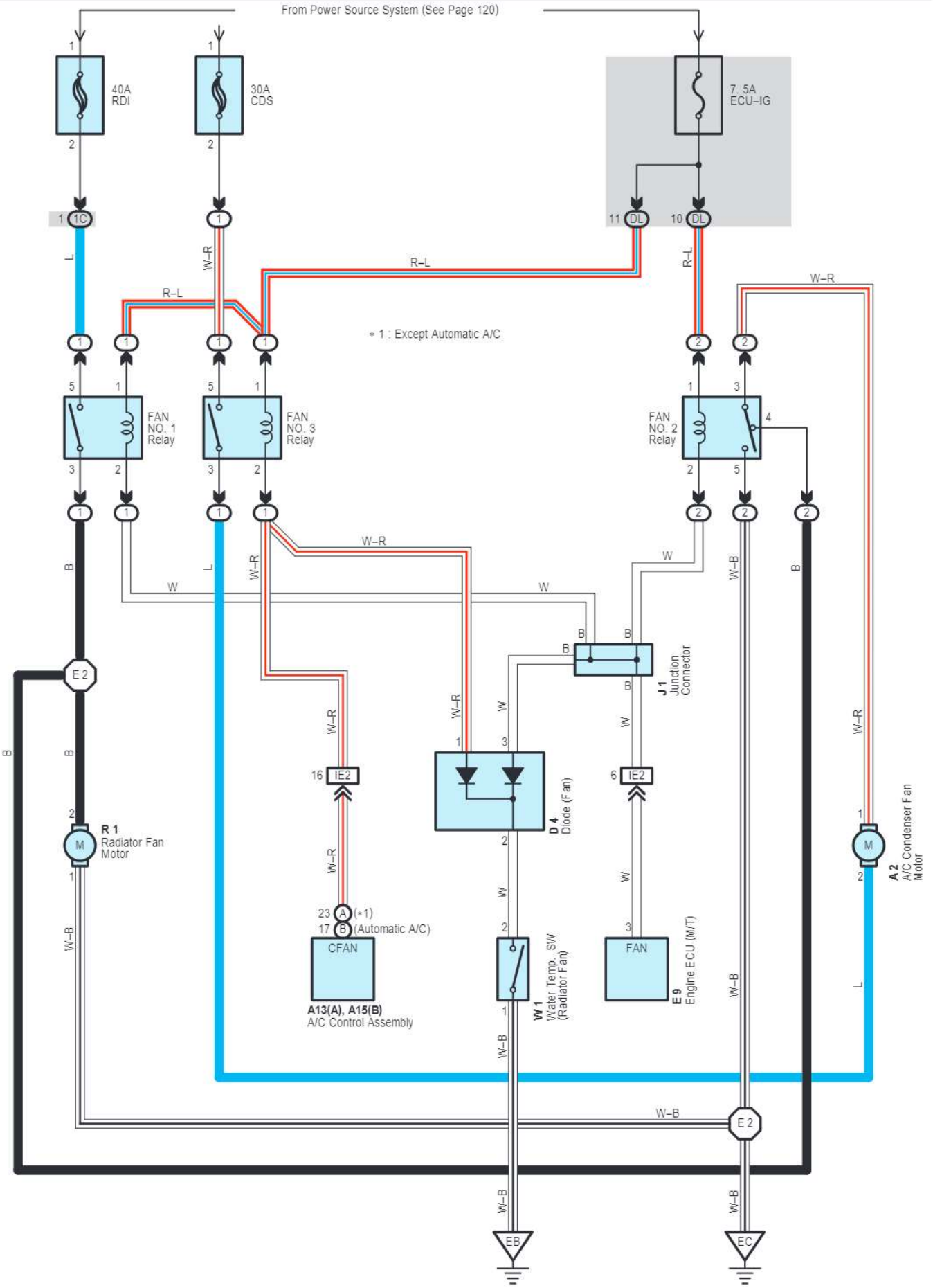
http://vnx.su

Radiator Fan (1ZZ–FE, 3ZZ–FE)

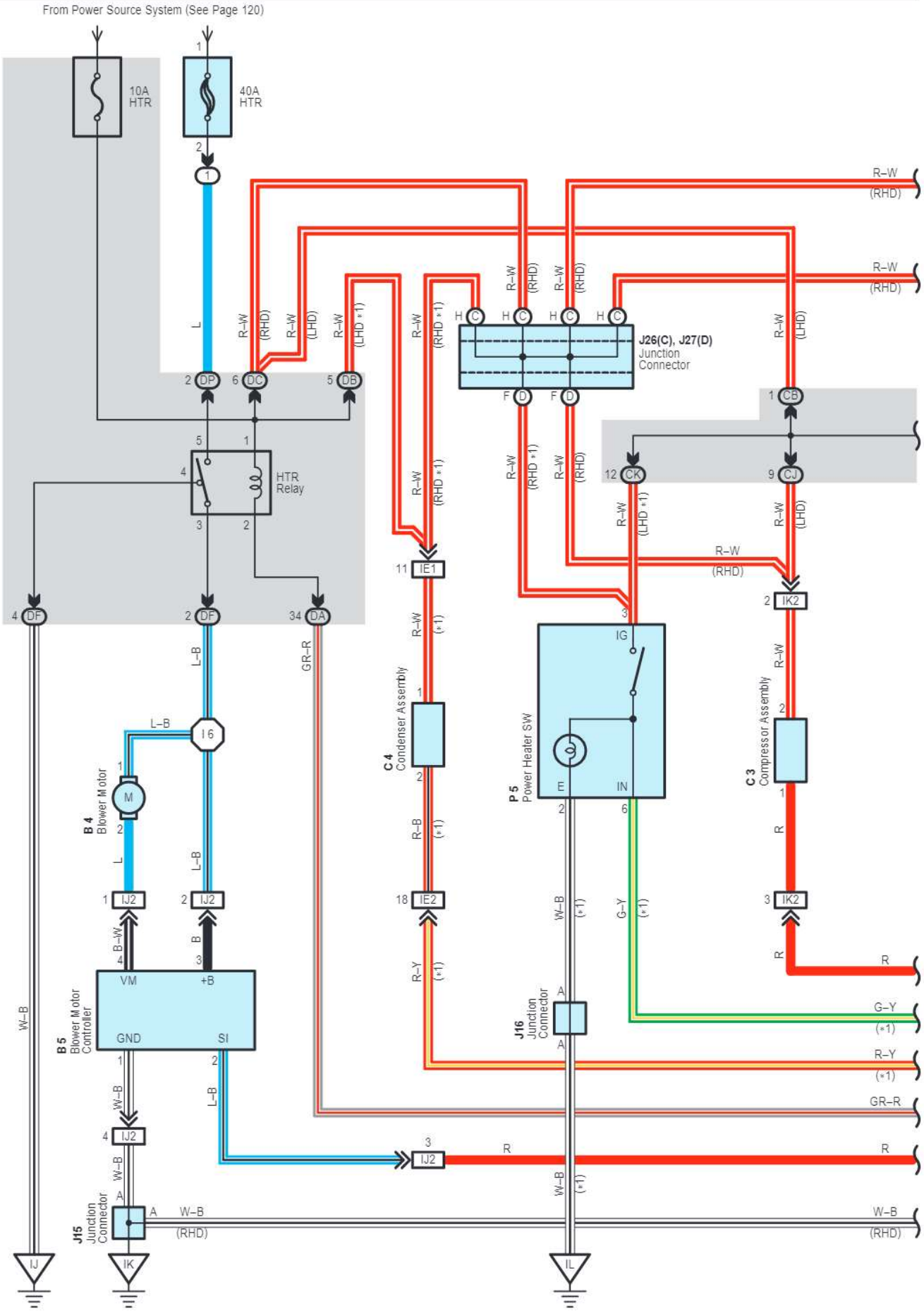


http://vnx.su

Radiator Fan and Condenser Fan (1CD–FTV)

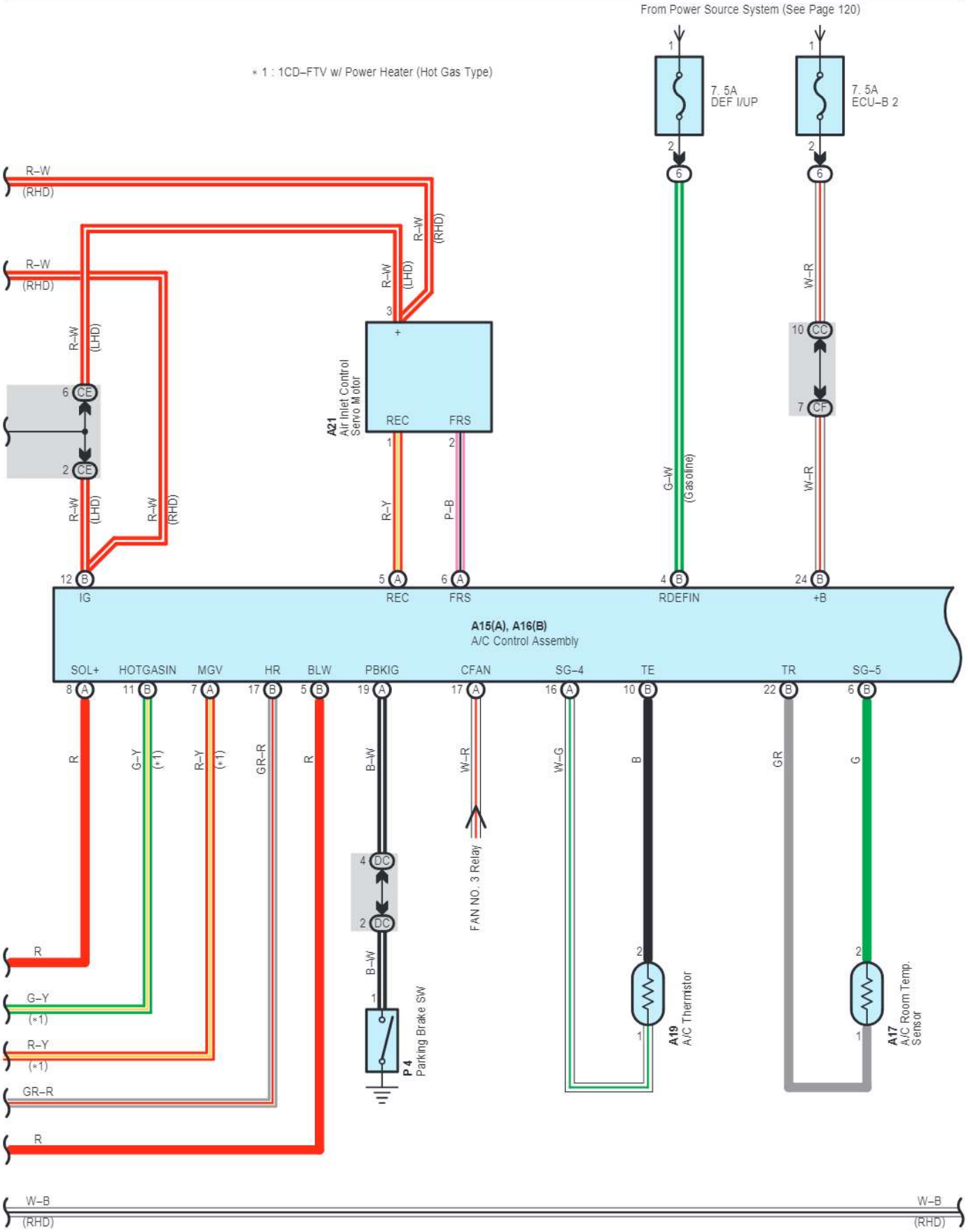


http://vnx.su

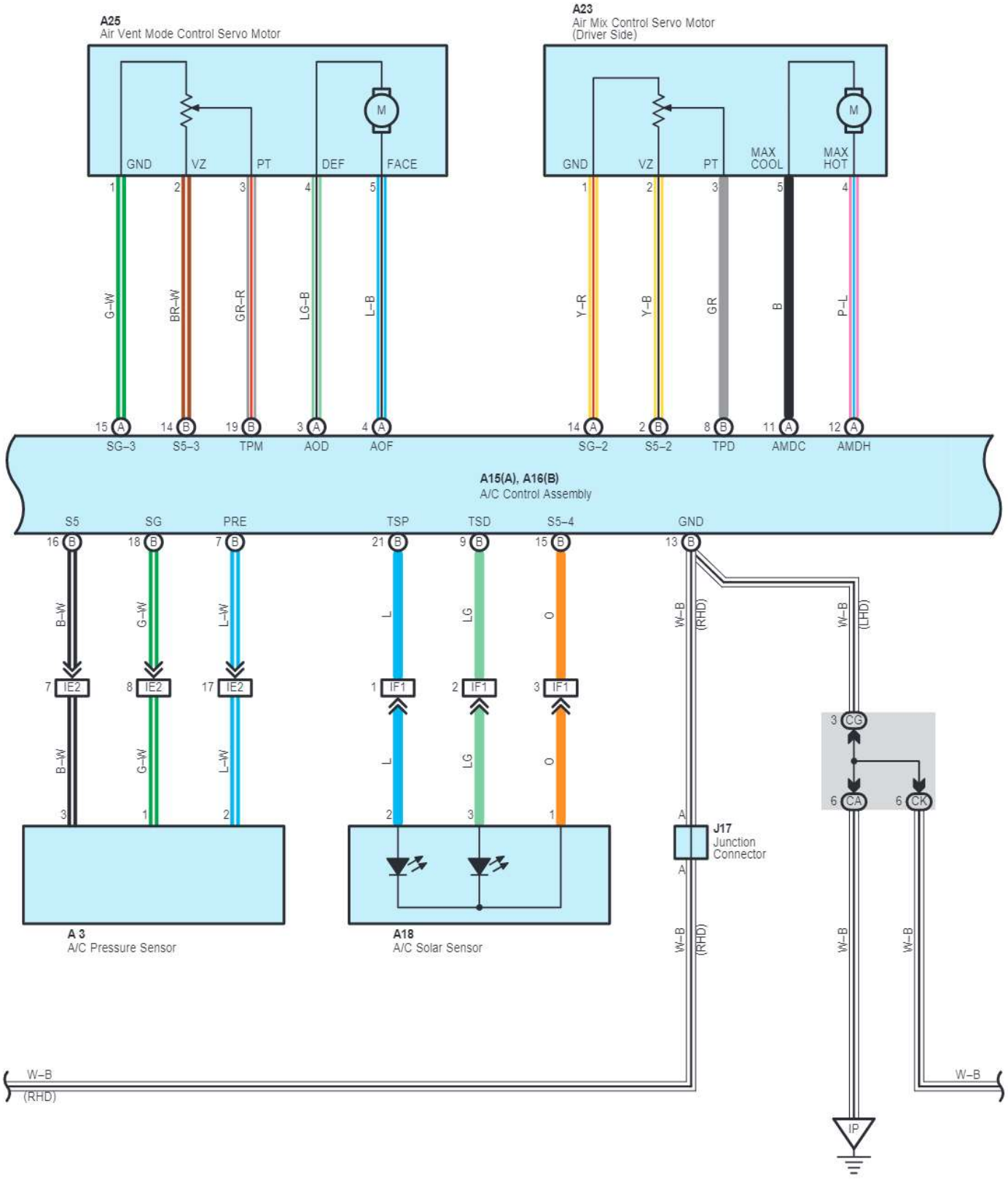

From Power Source System (See Page 120)
10A HTR
40A HTR
HTR Relay
J26(C), J27(D) Junction Connector
B 4 Blower Motor
B 5 Blower Motor Controller
C 4 Condenser Assembly
C 3 Compressor Assembly
P 5 Power Heater SW
J16 Junction Connector
J15 Junction Connector
R–W (RHD)
R–W (LHD)
R–W (RHD *1)
R–W (LHD *1)
L–B
GR–R
W–B
R–B (*1)
R–Y (*1)
G–Y (*1)
B–W
R
IG
VM
+B
GND
SI
E
IN

http://2nx.su

Power Heater (Hot Gas Type Automatic A/C)

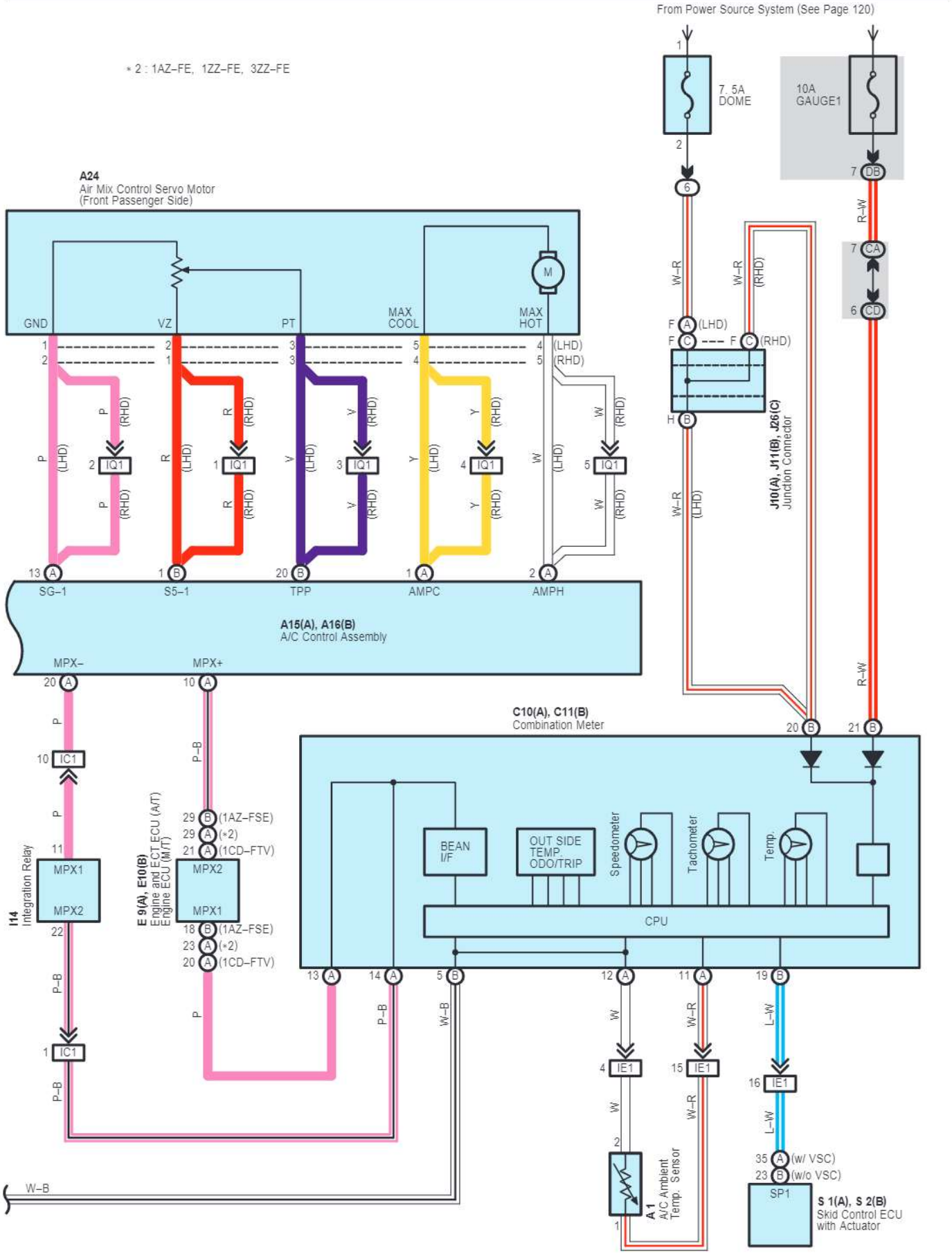


http://vnx.su


A25
Air Vent Mode Control Servo Motor
GND
VZ
PT
DEF
FACE
M
A23
Air Mix Control Servo Motor
(Driver Side)
GND
VZ
PT
MAX COOL
MAX HOT
M
G–W
BR–W
GR–R
LG–B
L–B
Y–R
Y–B
GR
B
P–L
SG–3
S5–3
TPM
AOD
AOF
SG–2
S5–2
TPD
AMDC
AMDH
A15(A), A16(B)
A/C Control Assembly
S5
SG
PRE
TSP
TSD
S5–4
GND
B–W
G–W
L–W
L
LG
O
W–B
(RHD)
W–B
(LHD)
IE2
IF1
CG
CA
CK
J17
Junction Connector
A 3
A/C Pressure Sensor
A18
A/C Solar Sensor
W–B
(RHD)
W–B
W–B
W–B
IP

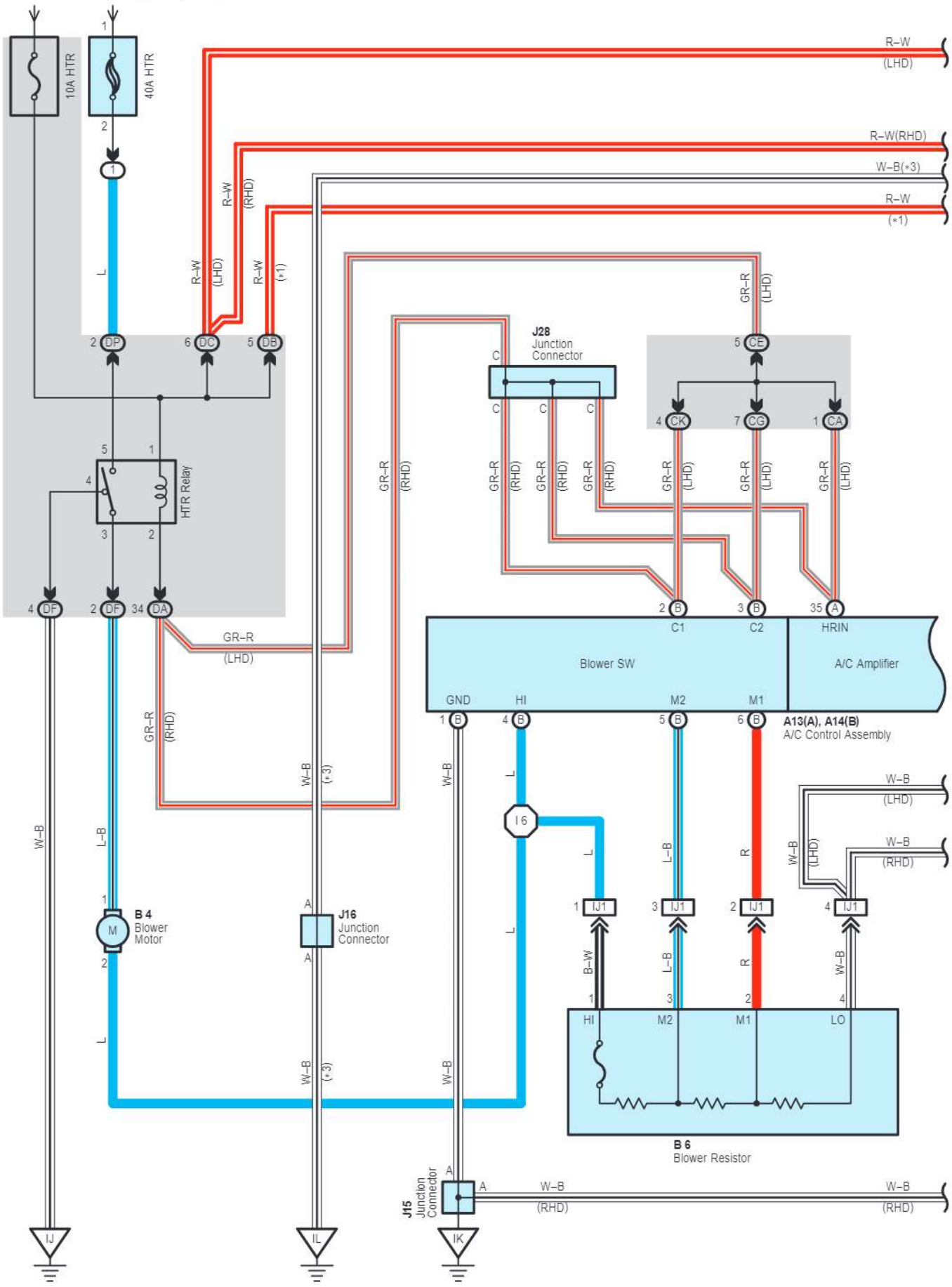
http://vnx.su

Power Heater (Hot Gas Type Automatic A/C)



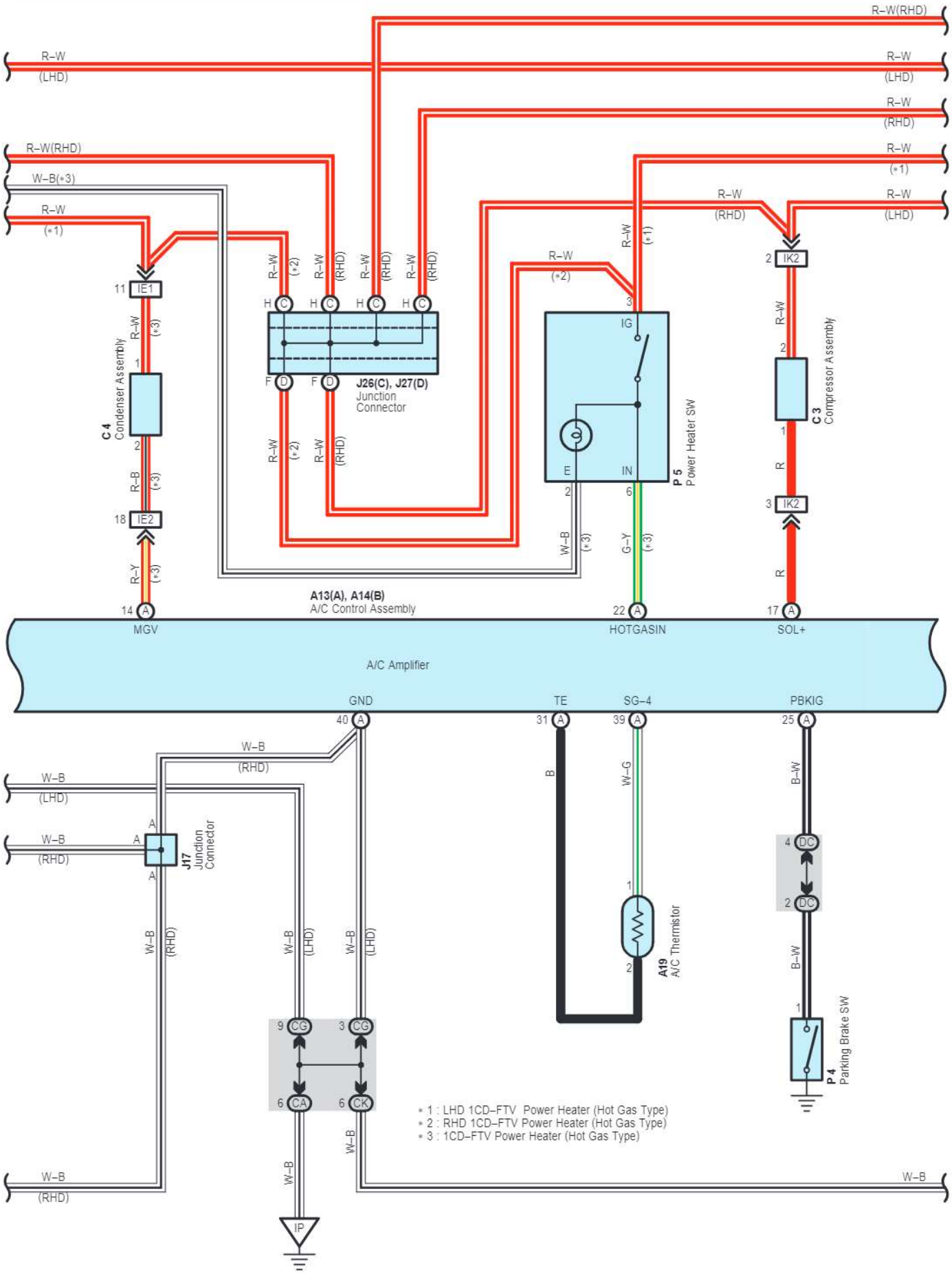
http://vnx.su

From Power Source System (See Page 120)

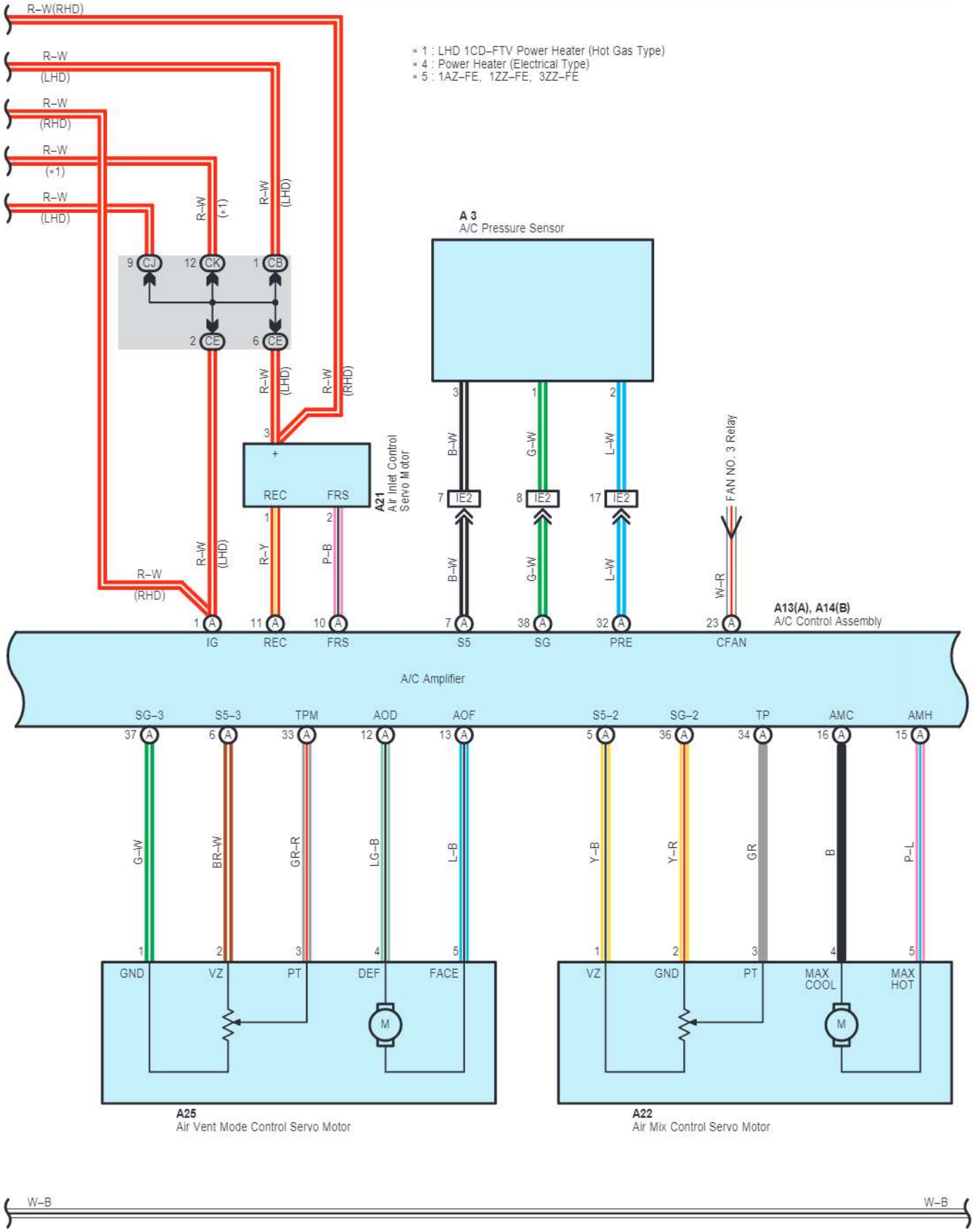


http://vnx.su

Power Heater (Hot Gas Type Manual A/C)

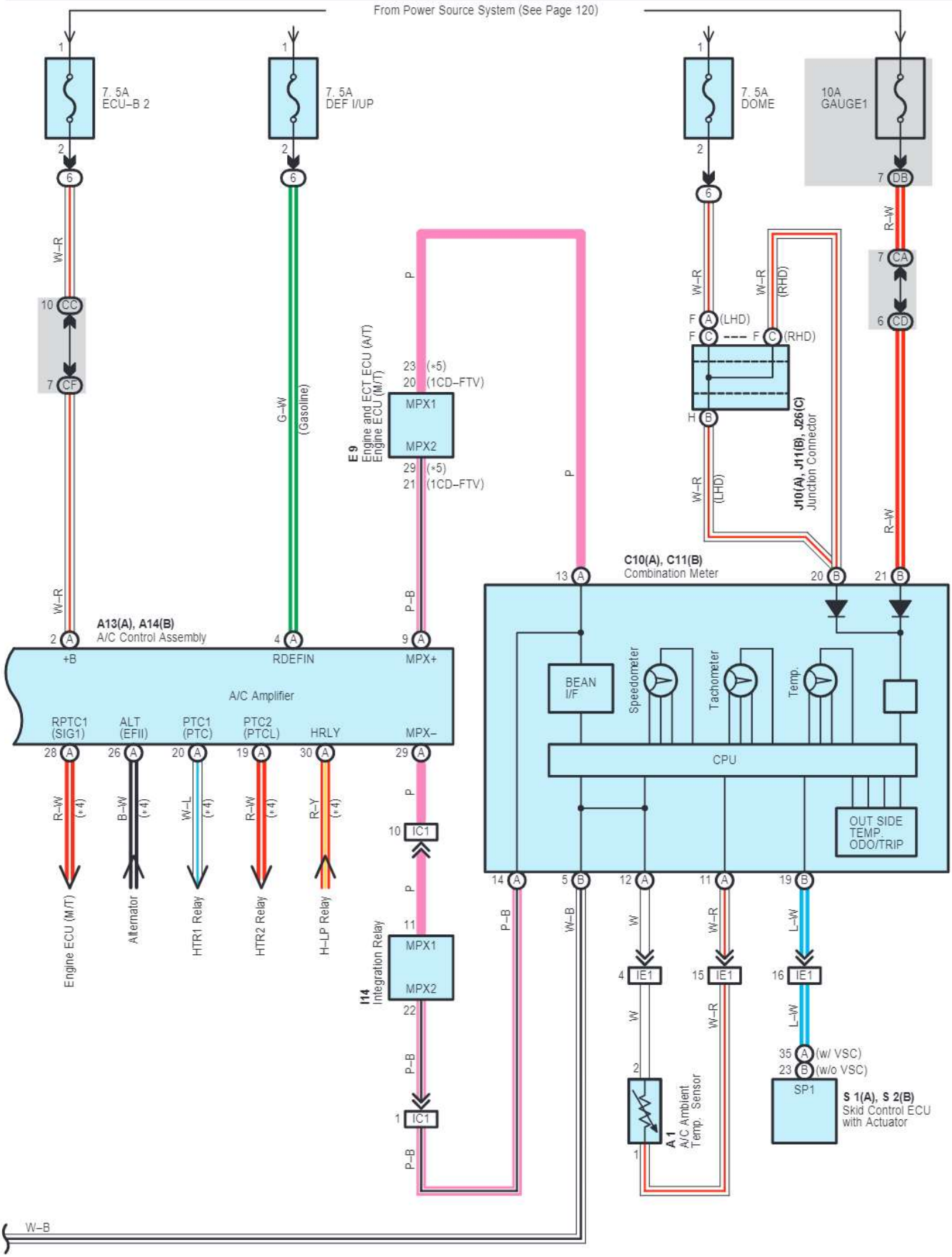


http://vnx.su

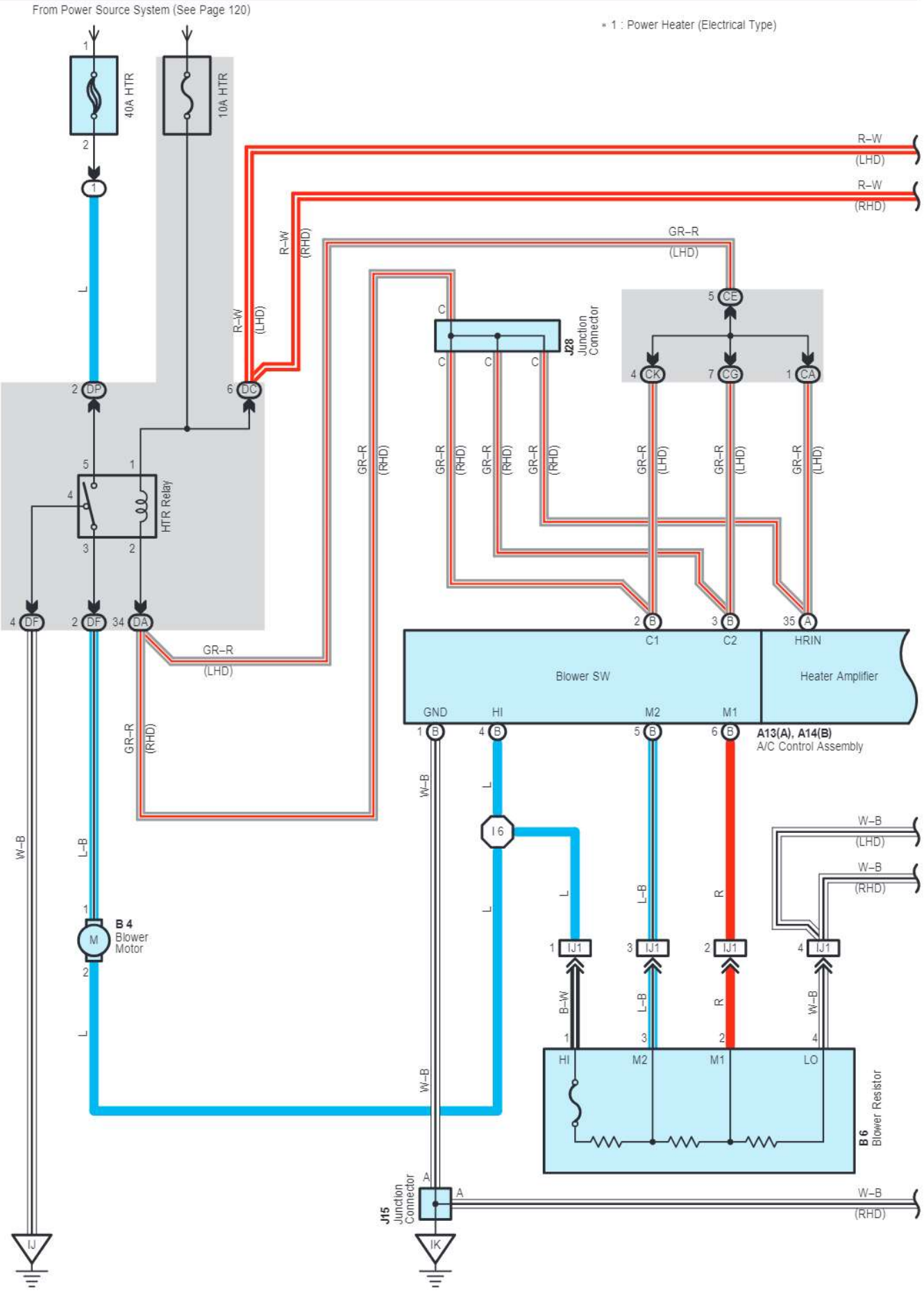

R–W(RHD)
R–W (LHD)
R–W (RHD)
R–W (*1)
R–W (LHD)
* 1 : LHD 1CD–FTV Power Heater (Hot Gas Type)
* 4 : Power Heater (Electrical Type)
* 5 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
A 3
A/C Pressure Sensor
A21
Air Inlet Control Servo Motor
REC
FRS
FAN NO. 3 Relay
A13(A), A14(B)
A/C Control Assembly
IG
REC
FRS
S5
SG
PRE
CFAN
A/C Amplifier
SG–3
S5–3
TPM
AOD
AOF
S5–2
SG–2
TP
AMC
AMH
GND
VZ
PT
DEF
FACE
MAX COOL
MAX HOT
A25
Air Vent Mode Control Servo Motor
A22
Air Mix Control Servo Motor
W–B
W–B

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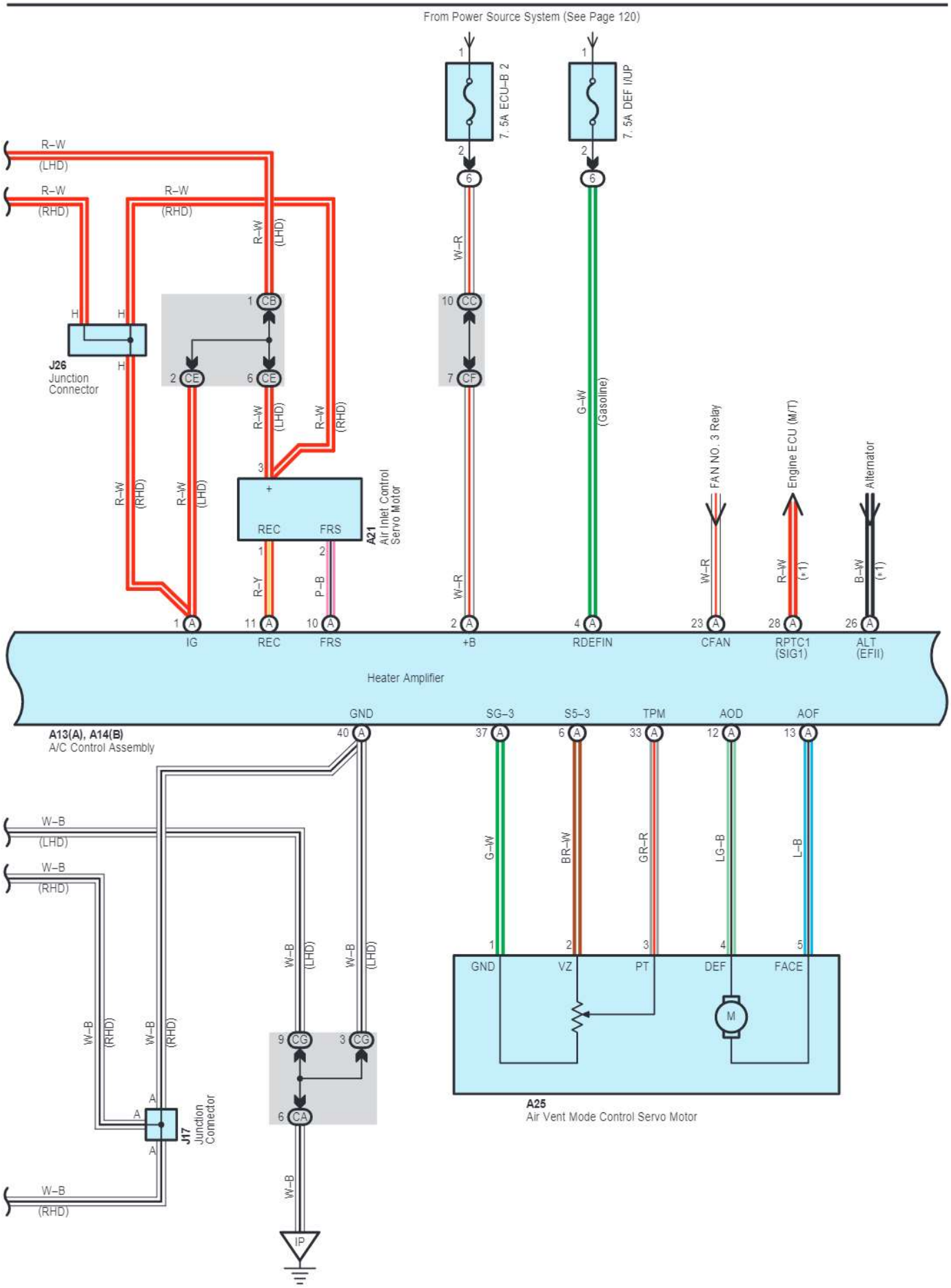
Power Heater (Hot Gas Type Manual A/C)



http://vnx.su

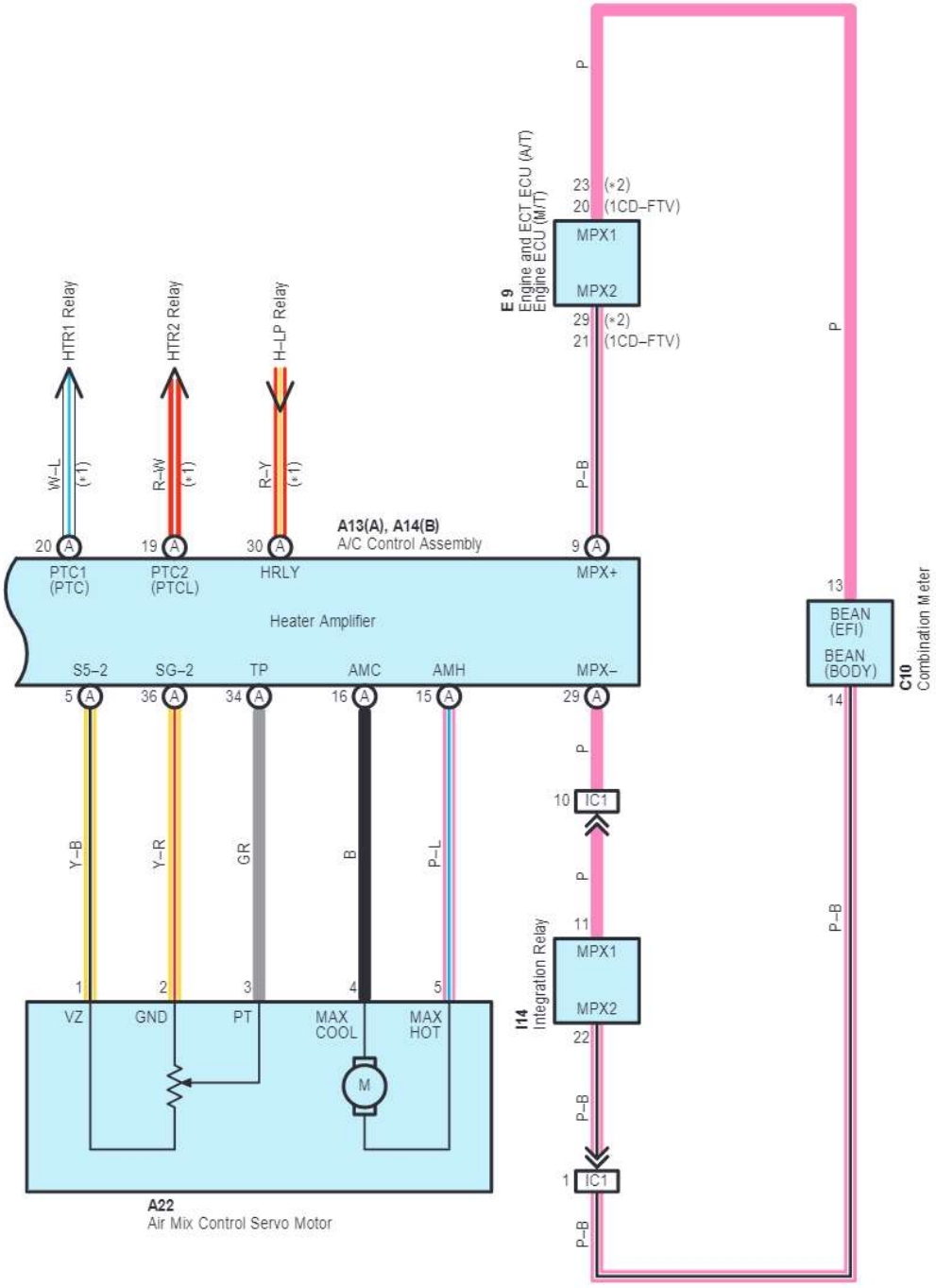

From Power Source System (See Page 120)
* 1 : Power Heater (Electrical Type)
40A HTR
10A HTR
HTR Relay
R–W (LHD)
R–W (RHD)
GR–R (LHD)
GR–R (RHD)
L
W–B
L–B
B–W
R
J28 Junction Connector
J15 Junction Connector
B 4 Blower Motor
B6 Blower Resistor
Blower SW
Heater Amplifier
A13(A), A14(B) A/C Control Assembly
GND
HI
M2
M1
HRIN
C1
C2
LO
I 6
IJ
IK

http://vnx.su


From Power Source System (See Page 120)
7. 5A ECU–B 2
7. 5A DEF I/UP
R–W (LHD)
R–W (RHD)
J26 Junction Connector
W–R
G–W (Gasoline)
FAN NO. 3 Relay
Engine ECU (M/T)
Alternator
R–W (*1)
B–W (*1)
A21 Air Inlet Control Servo Motor
REC
FRS
R–Y
P–B
IG
REC
FRS
+B
RDEFIN
CFAN
RPTC1 (SIG1)
ALT (EFII)
Heater Amplifier
GND
SG–3
S5–3
TPM
AOD
AOF
A13(A), A14(B) A/C Control Assembly
W–B (LHD)
W–B (RHD)
J17 Junction Connector
G–W
BR–W
GR–R
LG–B
L–B
VZ
PT
DEF
FACE
A25 Air Vent Mode Control Servo Motor

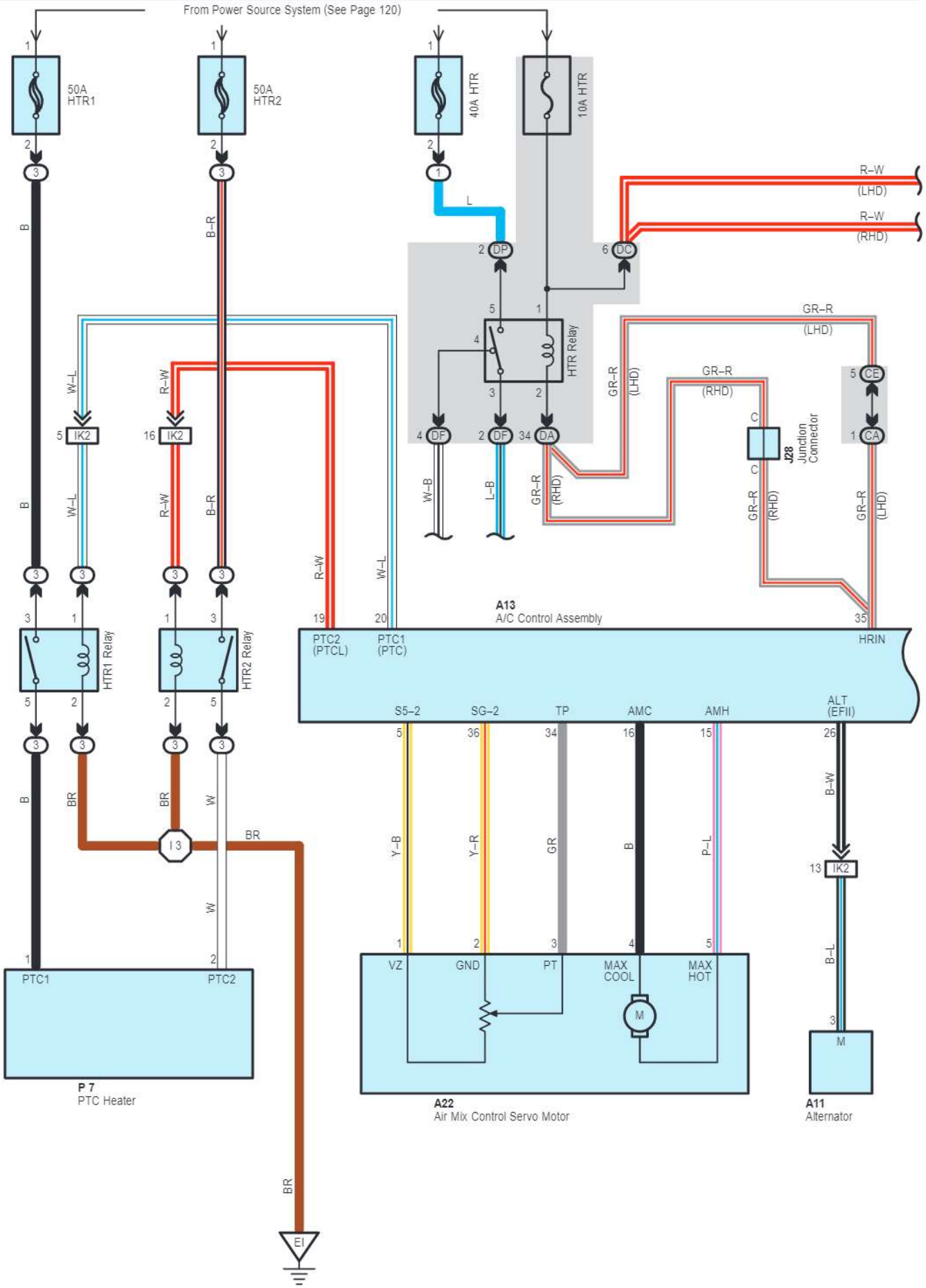
http://vnx.su

* 1 : Power Heater (Electrical Type)
* 2 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE

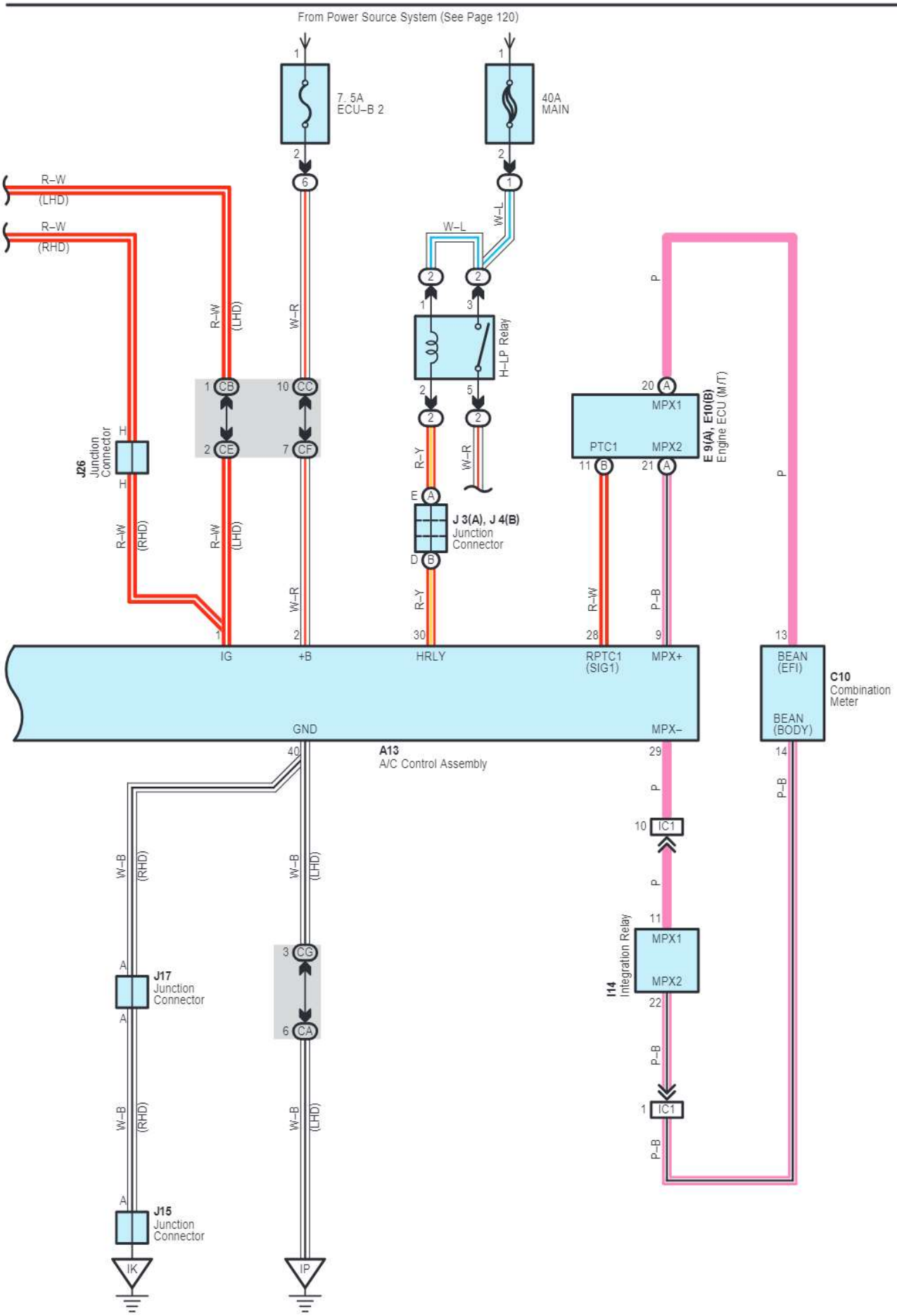


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Power Heater (Electrical Type)

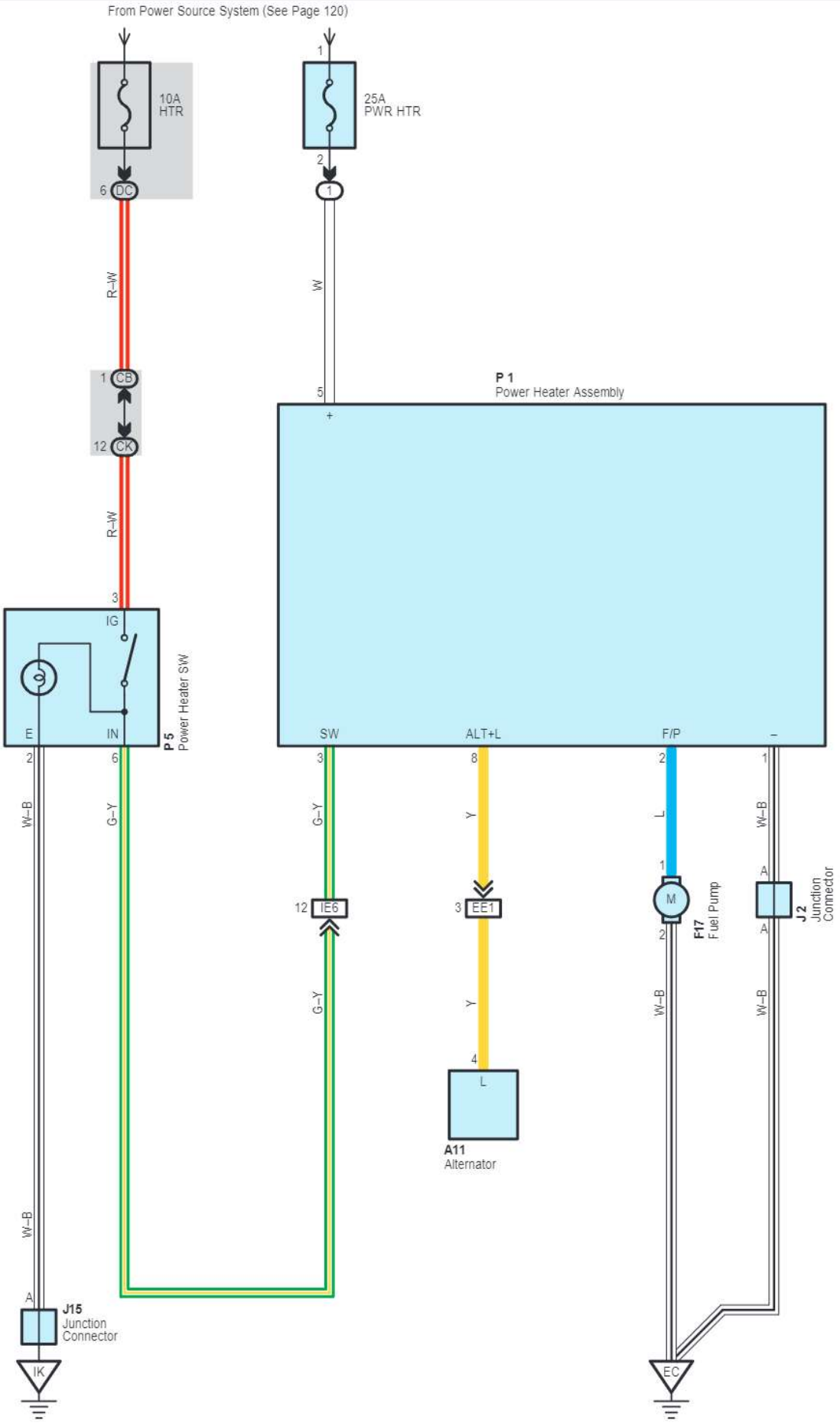


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From Power Source System (See Page 120)
7.5A
ECU–B 2
40A
MAIN
H–LP Relay
J26
Junction
Connector
J 3(A), J 4(B)
Junction
Connector
E 9(A), E10(B)
Engine ECU (M/T)
MPX1
PTC1
MPX2
C10
Combination
Meter
BEAN
(EFI)
BEAN
(BODY)
A13
A/C Control Assembly
IG
+B
HRLY
RPTC1
(SIG1)
MPX+
MPX–
GND
J17
Junction
Connector
J15
Junction
Connector
I14
Integration Relay
IC1
IK
IP
R–W
(LHD)
R–W
(RHD)
W–L
W–R
R–Y
P
P–B
W–B

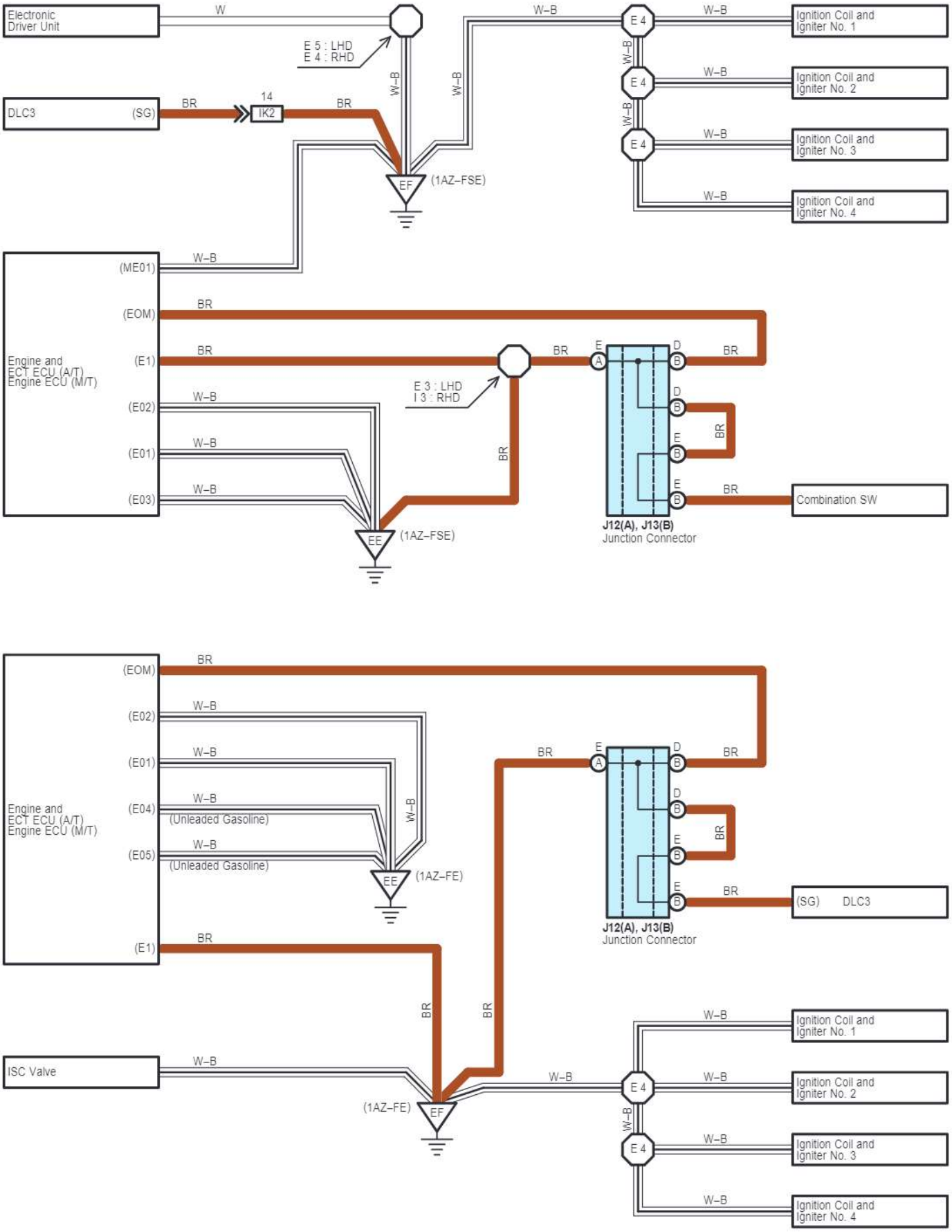
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Power Heater (Combustion Type)

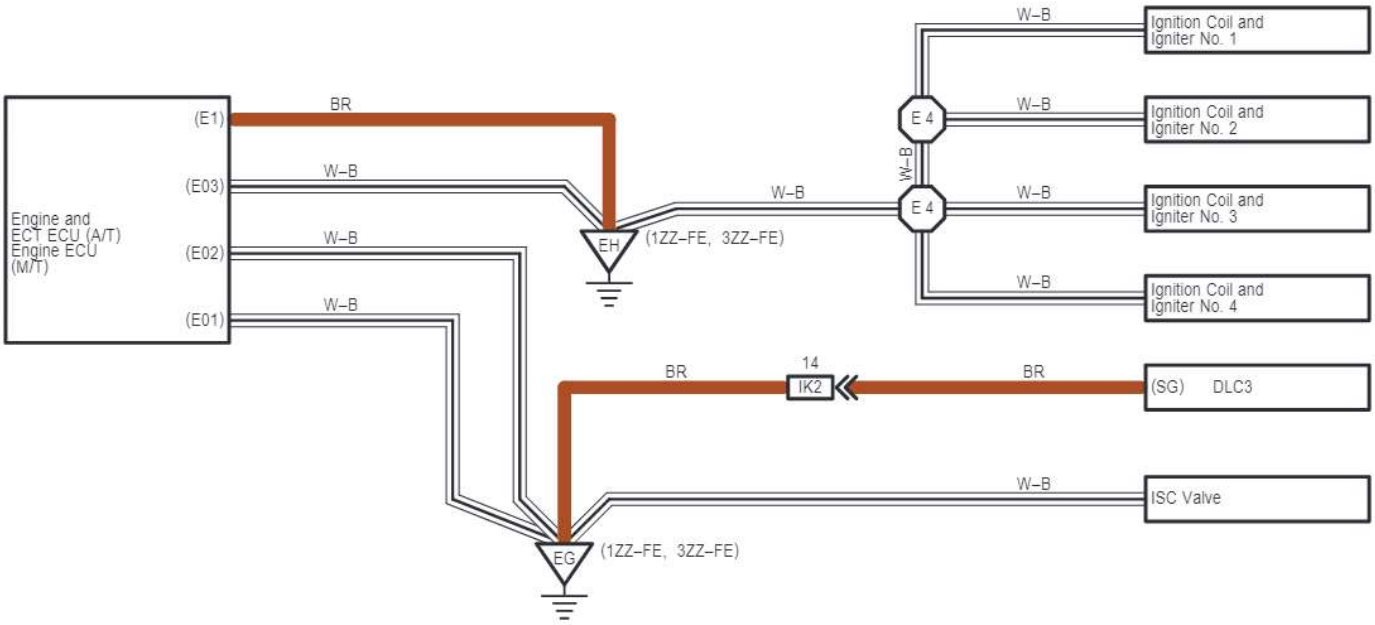


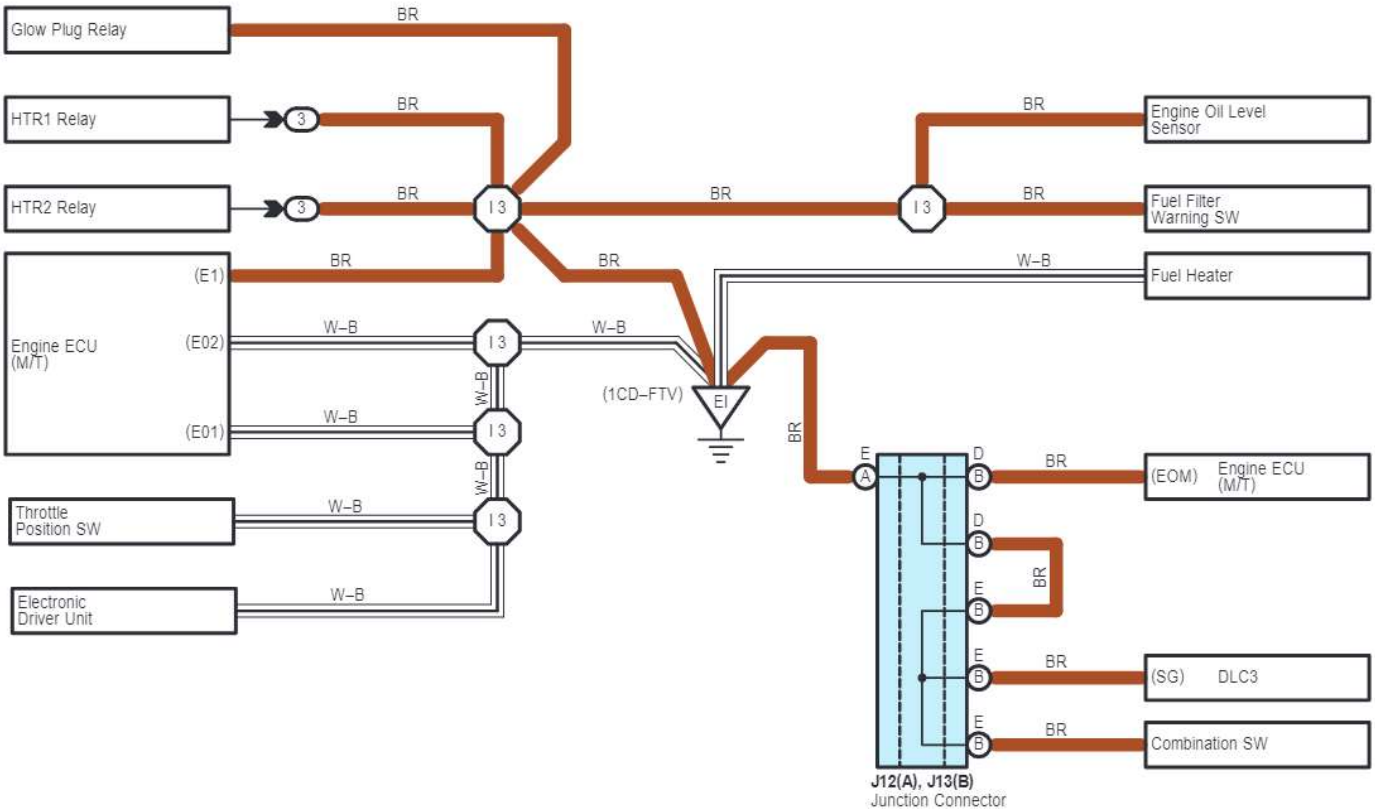
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I GROUND POINT



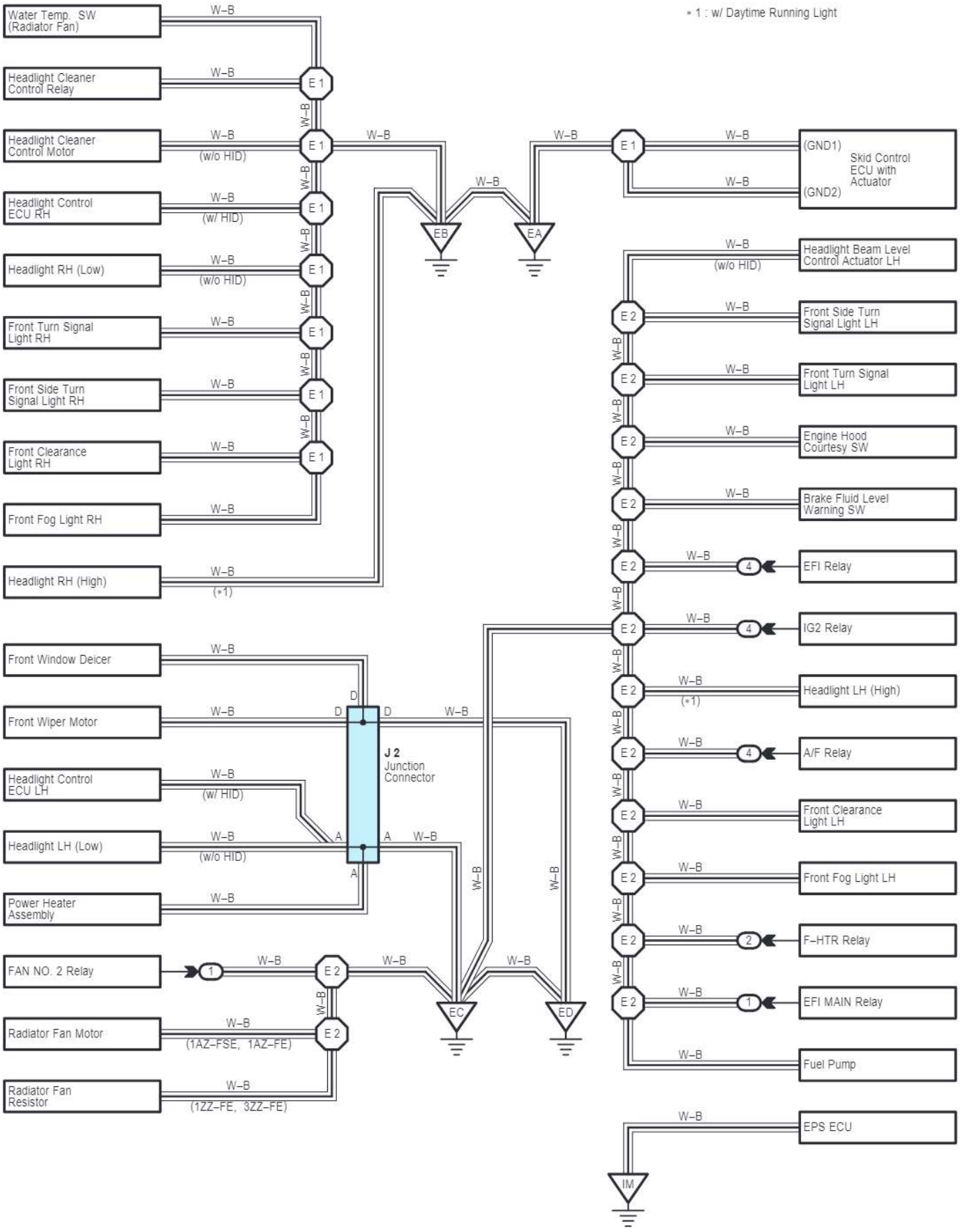
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Engine and
ECT ECU (A/T)
Engine ECU
(M/T)
(E1)
(E03)
(E02)
(E01)
BR
W–B
EH
(1ZZ–FE, 3ZZ–FE)
E 4
Ignition Coil and
Igniter No. 1
Ignition Coil and
Igniter No. 2
Ignition Coil and
Igniter No. 3
Ignition Coil and
Igniter No. 4
14
IK2
(SG) DLC3
ISC Valve
EG
(1ZZ–FE, 3ZZ–FE)

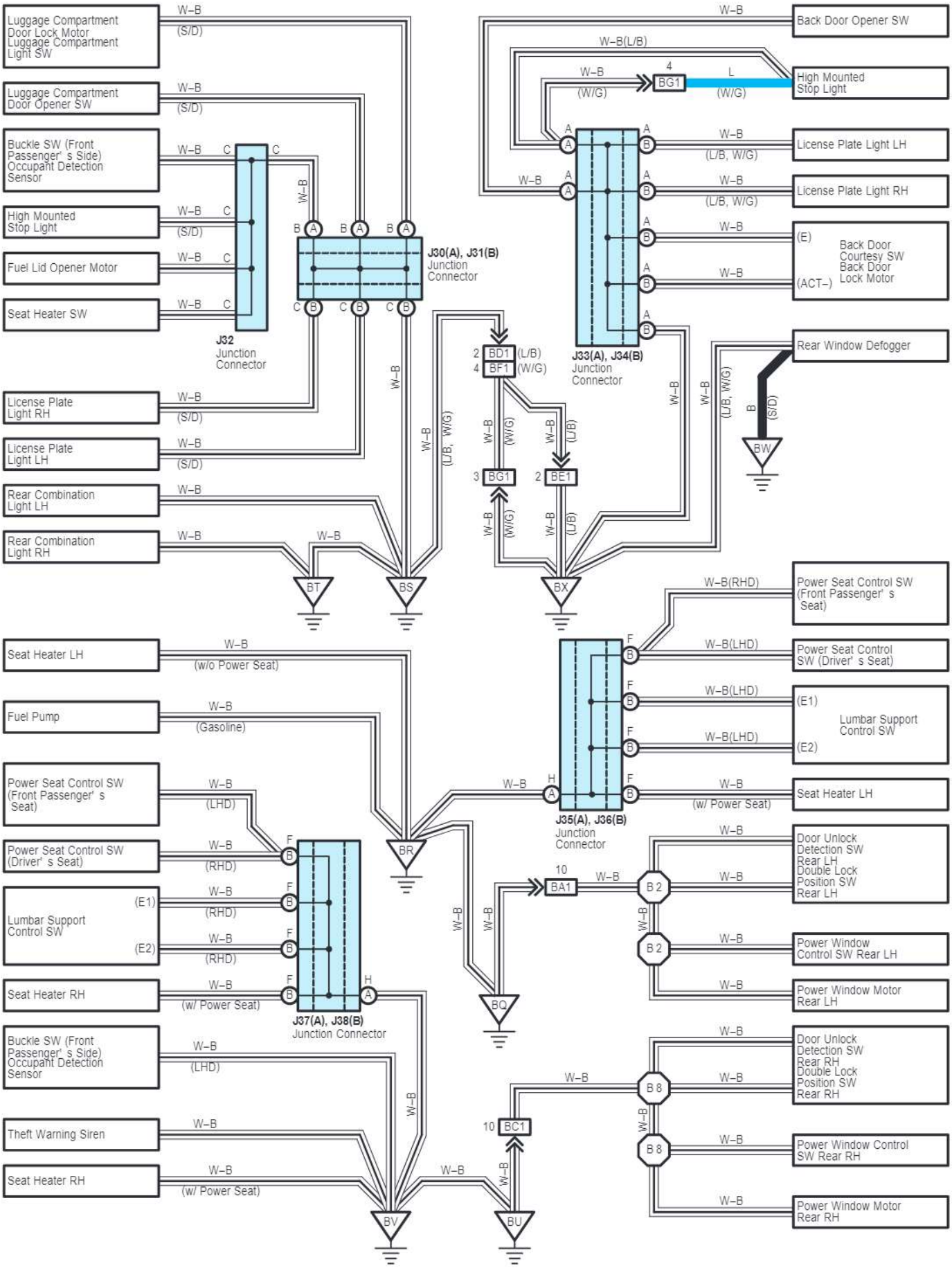

Glow Plug Relay
HTR1 Relay
HTR2 Relay
Engine ECU
(M/T)
(E1)
(E02)
(E01)
Throttle
Position SW
Electronic
Driver Unit
I 3
3
BR
W–B
(1CD–FTV)
EI
Engine Oil Level
Sensor
Fuel Filter
Warning SW
Fuel Heater
(EOM) Engine ECU
(M/T)
(SG) DLC3
Combination SW
J12(A), J13(B)
Junction Connector

http://vnx.su

I GROUND POINT

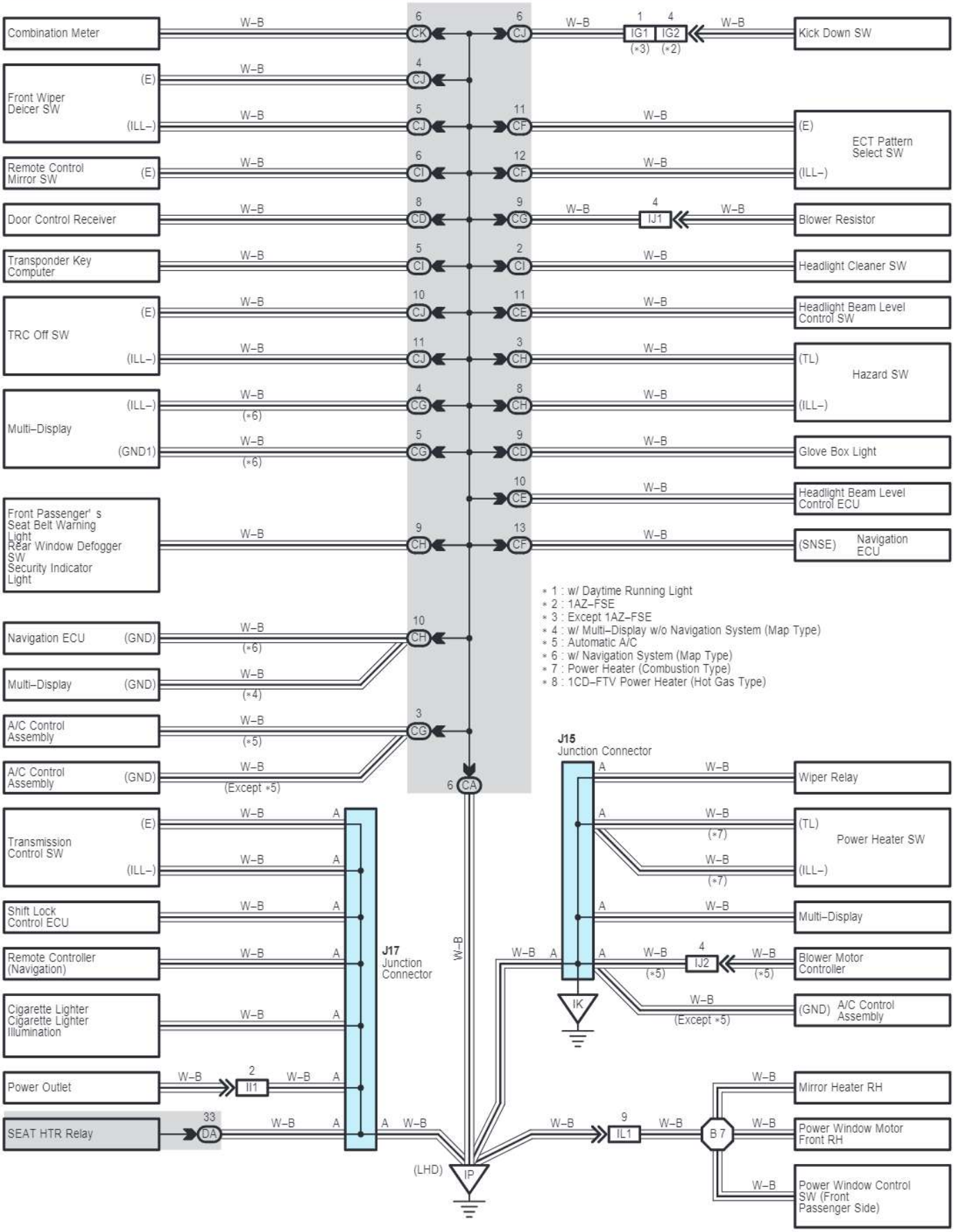


http://vnx.su

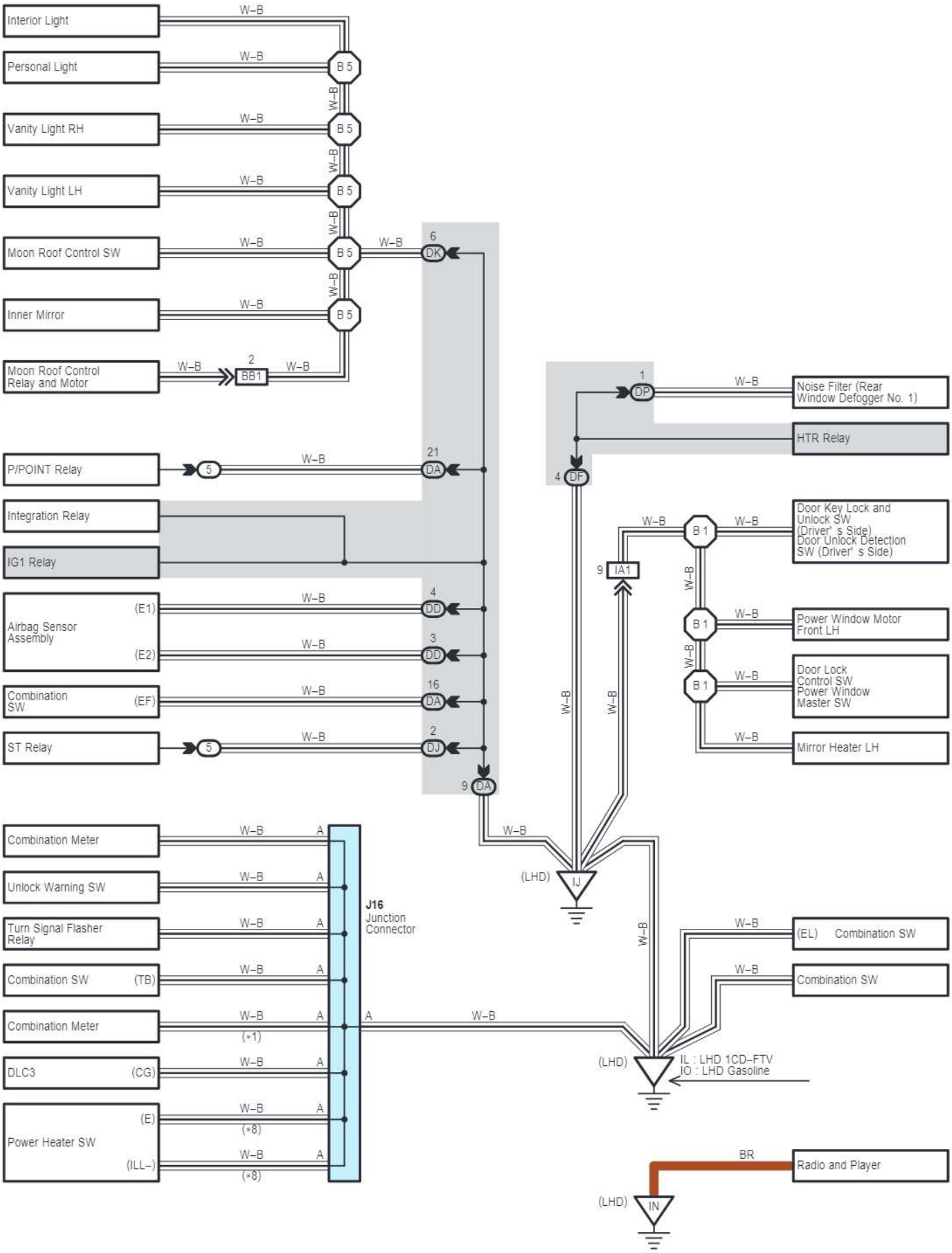

Luggage Compartment Door Lock Motor
Luggage Compartment Light SW
Luggage Compartment Door Opener SW
Buckle SW (Front Passenger' s Side) Occupant Detection Sensor
High Mounted Stop Light
Fuel Lid Opener Motor
Seat Heater SW
J32 Junction Connector
J30(A), J31(B) Junction Connector
License Plate Light RH
License Plate Light LH
Rear Combination Light LH
Rear Combination Light RH
BT
BS
BX
BR
BQ
BV
BU
BW
J33(A), J34(B) Junction Connector
Back Door Opener SW
High Mounted Stop Light
License Plate Light LH
License Plate Light RH
Back Door Courtesy SW
Back Door Lock Motor
Rear Window Defogger
Seat Heater LH
Fuel Pump
Power Seat Control SW (Front Passenger' s Seat)
Power Seat Control SW (Driver' s Seat)
Lumbar Support Control SW
Seat Heater RH
J37(A), J38(B) Junction Connector
J35(A), J36(B) Junction Connector
Power Seat Control SW (Front Passenger' s Seat)
Power Seat Control SW (Driver' s Seat)
Lumbar Support Control SW
Seat Heater LH
Door Unlock Detection SW Rear LH
Double Lock Position SW Rear LH
Power Window Control SW Rear LH
Power Window Motor Rear LH
Buckle SW (Front Passenger' s Side) Occupant Detection Sensor
Theft Warning Siren
Seat Heater RH
Door Unlock Detection SW Rear RH
Double Lock Position SW Rear RH
Power Window Control SW Rear RH
Power Window Motor Rear RH

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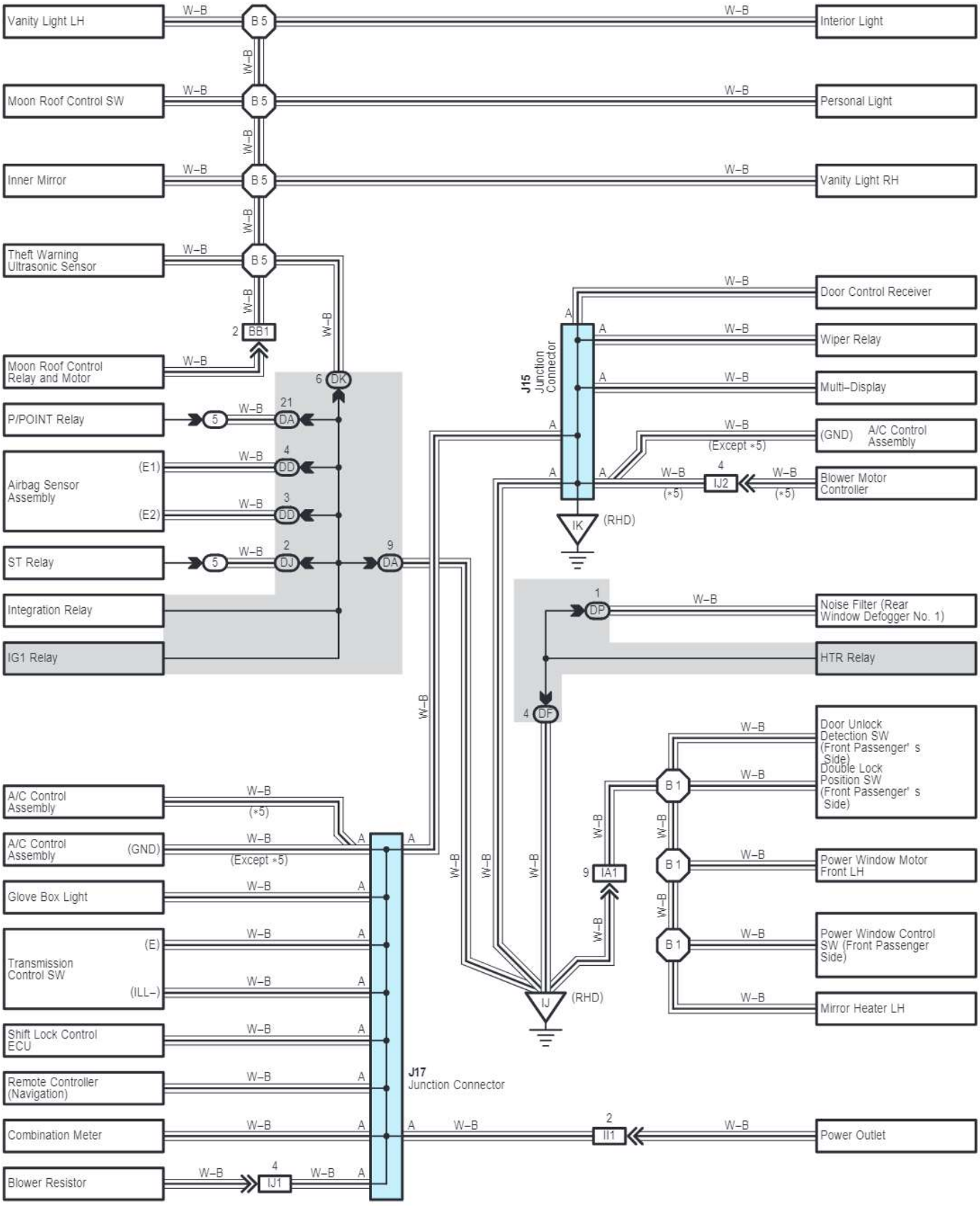
I GROUND POINT



http://vnx.su


Interior Light
Personal Light
Vanity Light RH
Vanity Light LH
Moon Roof Control SW
Inner Mirror
Moon Roof Control Relay and Motor
P/POINT Relay
Integration Relay
IG1 Relay
Airbag Sensor Assembly
(E1)
(E2)
Combination SW
(EF)
ST Relay
Combination Meter
Unlock Warning SW
Turn Signal Flasher Relay
Combination SW
(TB)
Combination Meter
(*1)
DLC3
(CG)
Power Heater SW
(E)
(ILL–)
(*8)
W–B
B 5
BB1
DK
DA
DD
DJ
DP
DF
IA1
B 1
J16
Junction Connector
(LHD)
IJ
IL : LHD 1CD–FTV
IO : LHD Gasoline
IN
BR
Noise Filter (Rear Window Defogger No. 1)
HTR Relay
Door Key Lock and Unlock SW (Driver' s Side)
Door Unlock Detection SW (Driver' s Side)
Power Window Motor Front LH
Door Lock Control SW
Power Window Master SW
Mirror Heater LH
(EL) Combination SW
Combination SW
Radio and Player

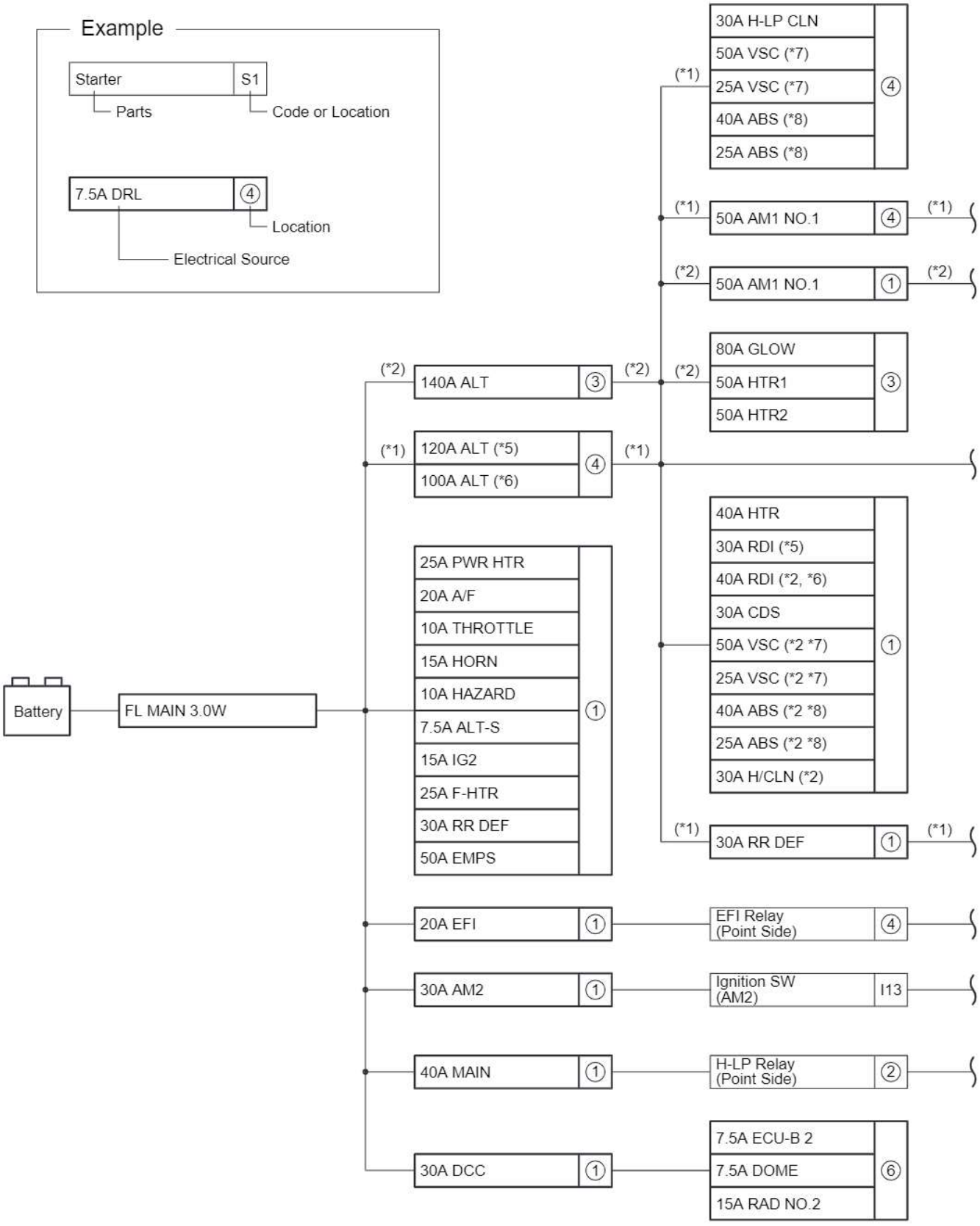
http://vnx.su


Vanity Light LH
Moon Roof Control SW
Inner Mirror
Theft Warning Ultrasonic Sensor
Moon Roof Control Relay and Motor
P/POINT Relay
Airbag Sensor Assembly
(E1)
(E2)
ST Relay
Integration Relay
IG1 Relay
Interior Light
Personal Light
Vanity Light RH
Door Control Receiver
Wiper Relay
Multi-Display
(GND) A/C Control Assembly
Blower Motor Controller
(Except *5)
(*5)
J15 Junction Connector
IK
(RHD)
Noise Filter (Rear Window Defogger No. 1)
HTR Relay
Door Unlock Detection SW (Front Passenger's Side)
Double Lock Position SW (Front Passenger's Side)
Power Window Motor Front LH
Power Window Control SW (Front Passenger Side)
Mirror Heater LH
IJ
A/C Control Assembly
A/C Control Assembly (GND)
Glove Box Light
Transmission Control SW
(E)
(ILL-)
Shift Lock Control ECU
Remote Controller (Navigation)
Combination Meter
Blower Resistor
J17 Junction Connector
Power Outlet
W-B

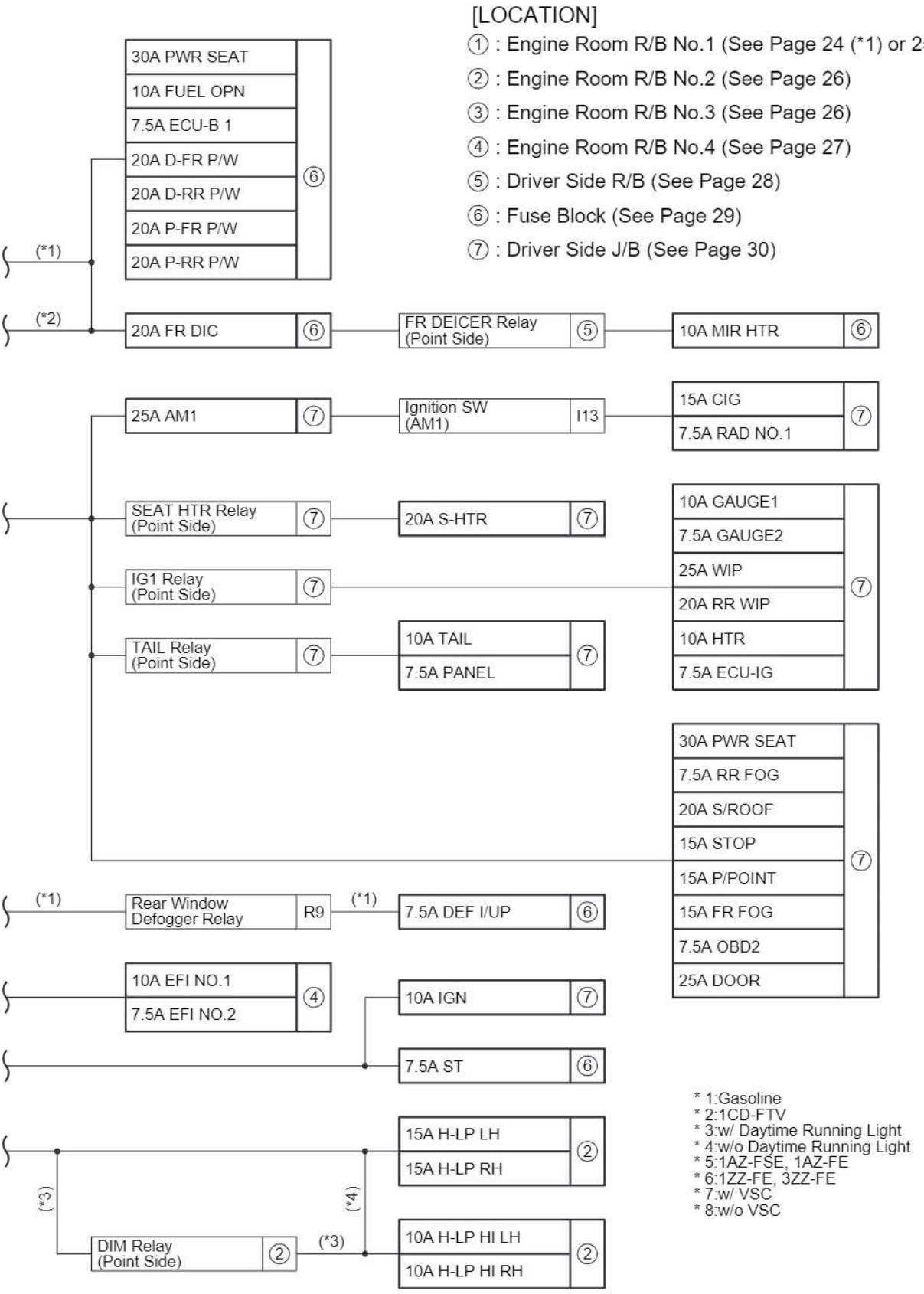
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J POWER SOURCE (Current Flow Chart)

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.



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[LOCATION]
① : Engine Room R/B No.1 (See Page 24 (*1) or 25 (*2))
② : Engine Room R/B No.2 (See Page 26)
③ : Engine Room R/B No.3 (See Page 26)
④ : Engine Room R/B No.4 (See Page 27)
⑤ : Driver Side R/B (See Page 28)
⑥ : Fuse Block (See Page 29)
⑦ : Driver Side J/B (See Page 30)
30A PWR SEAT
10A FUEL OPN
7.5A ECU-B 1
20A D-FR P/W
20A D-RR P/W
20A P-FR P/W
20A P-RR P/W
⑥
(*1)
(*2)
20A FR DIC
⑥
FR DEICER Relay (Point Side)
⑤
10A MIR HTR
⑥
25A AM1
⑦
Ignition SW (AM1)
I13
15A CIG
7.5A RAD NO.1
⑦
SEAT HTR Relay (Point Side)
⑦
20A S-HTR
⑦
IG1 Relay (Point Side)
⑦
TAIL Relay (Point Side)
⑦
10A TAIL
7.5A PANEL
⑦
10A GAUGE1
7.5A GAUGE2
25A WIP
20A RR WIP
10A HTR
7.5A ECU-IG
⑦
30A PWR SEAT
7.5A RR FOG
20A S/ROOF
15A STOP
15A P/POINT
15A FR FOG
7.5A OBD2
25A DOOR
⑦
(*1)
Rear Window Defogger Relay
R9
(*1)
7.5A DEF I/UP
⑥
10A EFI NO.1
7.5A EFI NO.2
④
10A IGN
⑦
7.5A ST
⑥
15A H-LP LH
15A H-LP RH
②
(*3)
(*4)
DIM Relay (Point Side)
②
(*3)
10A H-LP HI LH
10A H-LP HI RH
②
* 1:Gasoline
* 2:1CD-FTV
* 3:w/ Daytime Running Light
* 4:w/o Daytime Running Light
* 5:1AZ-FSE, 1AZ-FE
* 6:1ZZ-FE, 3ZZ-FE
* 7:w/ VSC
* 8:w/o VSC

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Driver Side J/B (See Page 30)

Fuse		System	Page
7.5A	ECU–IG	ABS	348
		Charging	126
		EPS	364
		Fuel Heater	446
		Radiator Fan and Condenser Fan (1AZ–FSE, 1AZ–FE)	496
		Radiator Fan and Condenser Fan (1CD–FTV)	500
		Radiator Fan (1ZZ–FE, 3ZZ–FE)	498
		VSC	338
7.5A	GAUGE2	ABS	348
		Back–Up Light	254
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Headlight Beam Level Control (w/ HID)	276
		Navigation System (Map Type)	472
		Turn Signal and Hazard Warning Light	244
7.5A	OBD2	Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
7.5A	PANEL	Headlight (w/ Daytime Running Light)	222
		Illumination	256
		Key Reminder and Light Reminder	290
		Multiplex Communication System (LHD)	192
7.5A	RAD NO.1	Combination Meter	488
		Door Lock Control (RHD) and Theft Deterrent	374
		Headlight (w/ Daytime Running Light)	222
		Interior Light (LHD)	264
		Interior Light (RHD)	270
		Moon Roof	436
		Multi–Display (w/o Navigation System Map Type)	480
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Navigation System (Map Type)	472
		Power Outlet	452
		Power Window (LHD)	412
		Power Window (RHD)	418
		Radio and Player	484
		Remote Control Mirror	462
7.5A	RR FOG	Rear Fog Light	236

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

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Fuse		System	Page
10A	GAUGE1	ABS	348
		Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Automatic Glare–Resistant EC Mirror	448
		Charging	126
		Combination Meter	488
		Cruise Control (1AZ–FSE)	322
		Cruise Control (1CD–FTV)	330
		Door Lock Control (RHD) and Theft Deterrent	374
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		EPS	364
		Front Window Deicer	454
		Headlight Beam Level Control (w/ HID)	276
		Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
		Headlight (w/ Daytime Running Light)	222
		Illumination	256
		Interior Light (LHD)	264
		Interior Light (RHD)	270
		Key Reminder and Light Reminder	290
		Mirror Heater	460
		Moon Roof	436
		Multi–Display (w/o Navigation System Map Type)	480
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Navigation System (Map Type)	472
		Power Window (LHD)	412
		Power Window (RHD)	418
		Rear Window Defogger	456
		Seat Belt Warning	294
		Shift Lock	440
		SRS	355
		VSC	338
10A	HTR	Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510

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

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J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
10A	HTR	Heater	518
		Power Heater (Combustion Type)	528
		Power Heater (Electrical Type)	524
		Seat Heater	468
10A	IGN	ABS	348
		Combination Meter	488
		Cruise Control (1AZ–FSE)	322
		Cruise Control (1CD–FTV)	330
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		Engine Immobiliser System	188
		EPS	364
		Headlight Beam Level Control (w/ HID)	276
		Ignition	130
		Seat Belt Warning	294
		SRS	355
		VSC	338
10A	TAIL	Combination Meter	488
		Cruise Control (1AZ–FSE)	322
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		Front Fog Light	232
		Headlight Beam Level Control (w/o HID)	280
		Illumination	256
		Key Reminder and Light Reminder	290
		Rear Fog Light	236
		Taillight	240
15A	CIG	Cigarette Lighter	450
15A	FR FOG	Front Fog Light	232
15A	P/POINT	Power Outlet	452
15A	STOP	ABS	348
		Cruise Control (1AZ–FSE)	322
		Cruise Control (1CD–FTV)	330
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134

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

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Fuse		System	Page
15A	STOP	Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		Shift Lock	440
		Stop Light	250
		VSC	338
20A	RR WIP	Rear Wiper and Washer	432
20A	S–HTR	Seat Heater	468
20A	S/ROOF	Moon Roof	436
25A	DOOR	Door Lock Control (LHD)	368
		Door Lock Control (RHD) and Theft Deterrent	374
		Double Locking	404
		Headlight (w/ Daytime Running Light)	222
		Interior Light (LHD)	264
		Interior Light (RHD)	270
		Key Reminder and Light Reminder	290
		Moon Roof	436
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Power Window (LHD)	412
		Power Window (RHD)	418
		Wireless Door Lock Control (LHD)	388
		Wireless Door Lock Control (RHD)	396
25A	WIP	Front Wiper and Washer (w/ Auto Wiper System)	424
		Front Wiper and Washer (w/o Auto Wiper System)	428
		Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
30A	PWR SEAT	Power Seat	464

Engine Room R/B No.1 (1CD–FTV) (See Page 25)

Fuse		System	Page
7.5A	ALT–S	Charging	126
10A	HAZARD	Turn Signal and Hazard Warning Light	244
15A	HORN	Door Lock Control (RHD) and Theft Deterrent	374
		Horn	442
		Multiplex Communication System (RHD)	206
15A	IG2	Ignition	130
20A	EFI	Cruise Control (1CD–FTV)	330
		Engine Control (1CD–FTV)	174
25A	ABS (w/o VSC)	ABS	348
25A	F–HTR	Fuel Heater	446
25A	PWR HTR	Power Heater (Combustion Type)	528
25A	VSC (w/ VSC)	VSC	338
30A	AM2	Starting	124

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

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J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
30A	CDS	Radiator Fan and Condenser Fan (1CD–FTV)	500
30A	H/CLN	Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
30A	RR DEF	Rear Window Defogger	456
40A	ABS (w/o VSC)	ABS	348
40A	HTR	Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Heater	518
		Power Heater (Electrical Type)	524
40A	MAIN	Headlight Beam Level Control (w/ HID)	276
		Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
		Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192
		Power Heater (Electrical Type)	524
40A	RDI	Radiator Fan and Condenser Fan (1CD–FTV)	500
50A	VSC (w/ VSC)	VSC	338

Engine Room R/B No.1 (Gasoline) (See Page 24)

Fuse		System	Page
7.5A	ALT–S	Charging	126
10A	HAZARD	Turn Signal and Hazard Warning Light	244
10A	THROTTLE	ECT and A/T Indicator (1AZ–FSE)	298
		Engine Control (1AZ–FSE)	134
15A	HORN	Door Lock Control (RHD) and Theft Deterrent	374
		Horn	442
		Multiplex Communication System (RHD)	206
15A	IG2	Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		Ignition	130
20A	A/F	Engine Control (1AZ–FE)	148
20A	EFI	ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
30A	AM2	Starting	124
30A	CDS	Radiator Fan and Condenser Fan (1AZ–FSE, 1AZ–FE)	496

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

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Fuse		System	Page
30A	H/CLN	Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
30A	RDI (1AZ–FSE, 1AZ–FE)	Radiator Fan and Condenser Fan (1AZ–FSE, 1AZ–FE)	496
30A	RR DEF	Rear Window Defogger	456
40A	HTR	Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Heater	518
40A	MAIN	Headlight Beam Level Control (w/ HID)	276
		Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
		Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192
40A	RDI (1ZZ–FE, 3ZZ–FE)	Radiator Fan (1ZZ–FE, 3ZZ–FE)	498
50A	EMPS	EPS	364

Engine Room R/B No.2 (See Page 26)

Fuse		System	Page
10A	H–LP HI LH	Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192
10A	H–LP HI RH	Combination Meter	488
		Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192
15A	H–LP LH	Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192
15A	H–LP RH	Combination Meter	488
		Headlight (w/ Daytime Running Light)	222
		Headlight (w/o Daytime Running Light)	228
		Multiplex Communication System (LHD)	192

Engine Room R/B No.3 (See Page 26)

Fuse		System	Page
50A	HTR1	Power Heater (Electrical Type)	524
50A	HTR2	Power Heater (Electrical Type)	524
80A	GLOW	Engine Control (1CD–FTV)	174
140A	ALT	Charging	126
		Front Fog Light	232
		Headlight Beam Level Control (w/o HID)	280
		Headlight (w/ Daytime Running Light)	222

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

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J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
140A	ALT	Illumination	256
		Key Reminder and Light Reminder	290
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Rear Fog Light	236
		Seat Heater	468
		Taillight	240

Engine Room R/B No.4 (See Page 27)

Fuse		System	Page
7.5A	EFI NO.2	Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
10A	EFI NO.1	Cruise Control (1AZ–FSE)	322
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
25A	ABS (w/o VSC)	ABS	348
25A	VSC (w/ VSC)	VSC	338
30A	H–LP CLN	Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
40A	ABS (w/o VSC)	ABS	348
50A	VSC (w/ VSC)	VSC	338
100A	ALT (1ZZ–FE, 3ZZ–FE)	Charging	126
		Front Fog Light	232
		Headlight Beam Level Control (w/o HID)	280
		Headlight (w/ Daytime Running Light)	222
		Illumination	256
		Key Reminder and Light Reminder	290
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Rear Fog Light	236
		Seat Heater	468
		Taillight	240
120A	ALT (1AZ–FSE, 1AZ–FE)	Charging	126
		Front Fog Light	232
		Headlight Beam Level Control (w/o HID)	280
		Headlight (w/ Daytime Running Light)	222
		Illumination	256
		Key Reminder and Light Reminder	290
		Multiplex Communication System (LHD)	192

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

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Fuse		System	Page
120A	ALT (1AZ–FSE, 1AZ–FE)	Multiplex Communication System (RHD)	206
		Rear Fog Light	236
		Seat Heater	468
		Taillight	240

Fuse Block (See Page 29)

Fuse		System	Page
7.5A	DEF I/UP	Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Heater	518
		Rear Window Defogger	456
7.5A	DOME	ABS	348
		Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Charging	126
		Combination Meter	488
		Cruise Control (1AZ–FSE)	322
		Cruise Control (1CD–FTV)	330
		Door Lock Control (RHD) and Theft Deterrent	374
		Double Locking	404
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		EPS	364
		Headlight Beam Level Control (w/ HID)	276
		Headlight (w/ Daytime Running Light)	222
		Illumination	256
		Interior Light (LHD)	264
		Interior Light (RHD)	270
		Key Reminder and Light Reminder	290
		Moon Roof	436
		Multi–Display (w/o Navigation System Map Type)	480
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Navigation System (Map Type)	472
		Seat Belt Warning	294
		SRS	355

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

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J POWER SOURCE (Current Flow Chart)

Fuse		System	Page
7.5A	DOME	VSC	338
		Wireless Door Lock Control (RHD)	396
7.5A	ECU–B 1	Engine Immobiliser System	188
7.5A	ECU–B 2	Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)	502
		Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)	510
		Door Lock Control (LHD)	368
		Door Lock Control (RHD) and Theft Deterrent	374
		Double Locking	404
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Headlight Cleaner (w/ HID)	284
		Headlight Cleaner (w/o HID)	288
		Headlight (w/ Daytime Running Light)	222
		Heater	518
		Interior Light (LHD)	264
		Interior Light (RHD)	270
		Key Reminder and Light Reminder	290
		Multiplex Communication System (LHD)	192
		Multiplex Communication System (RHD)	206
		Power Heater (Electrical Type)	524
		Power Window (LHD)	412
		Power Window (RHD)	418
		Wireless Door Lock Control (LHD)	388
		Wireless Door Lock Control (RHD)	396
7.5A	ST	Cruise Control (1AZ–FSE)	322
		Cruise Control (1CD–FTV)	330
		ECT and A/T Indicator (1AZ–FE)	306
		ECT and A/T Indicator (1AZ–FSE)	298
		ECT and A/T Indicator (1ZZ–FE)	314
		Engine Control (1AZ–FE)	148
		Engine Control (1AZ–FSE)	134
		Engine Control (1CD–FTV)	174
		Engine Control (1ZZ–FE, 3ZZ–FE)	162
		Navigation System (Map Type)	472
		Starting	124
10A	FUEL OPN	Fuel Lid Opener	444
10A	MIR HTR	Mirror Heater	460
15A	RAD NO.2	Multi–Display (w/o Navigation System Map Type)	480
		Navigation System (Map Type)	472
		Radio and Player	484
20A	D–FR P/W	Power Window (LHD)	412
		Power Window (RHD)	418

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

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Fuse		System	Page
20A	D–RR P/W	Power Window (LHD) Power Window (RHD)	412 418
20A	FR DIC	Front Window Deicer Mirror Heater	454 460
20A	P–FR P/W	Power Window (LHD) Power Window (RHD)	412 418
20A	P–RR P/W	Power Window (LHD) Power Window (RHD)	412 418
30A	PWR SEAT	Power Seat	464

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

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K CONNECTOR LIST

A 1
Gray



A 2
Black



A 3
Black



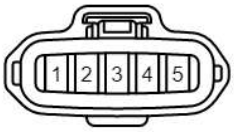
A 4



A 5



A 6
Black



A 7
Gray



A 8
Gray



A 9
Yellow



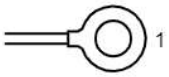
A10
Yellow



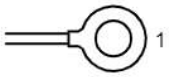
A11
Black



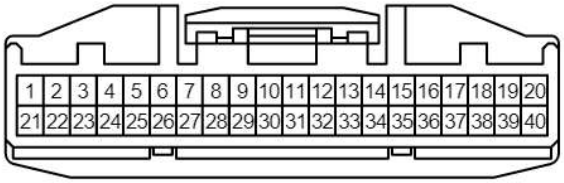
A12
(Except 1CD–FTV)



A12
(1CD–FTV)



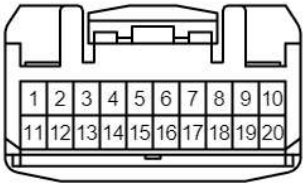
A13



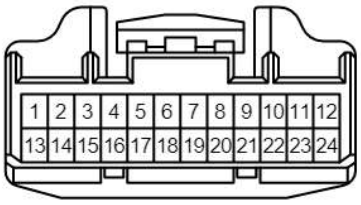
A14



A15



A16



A17
Black



A18
Black



A19



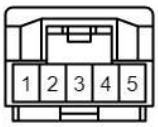
A20
Black



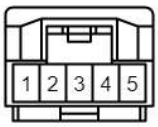
A21
Black



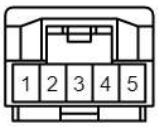
A22
Black



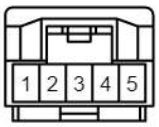
A23
Black



A24
Black



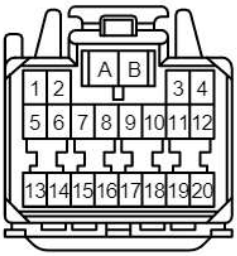
A25
Black



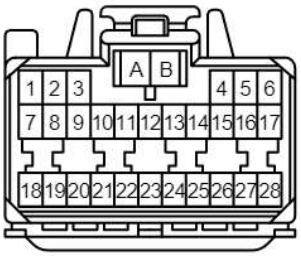
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*1 : 1AZ–FSE, 1AZ–FE

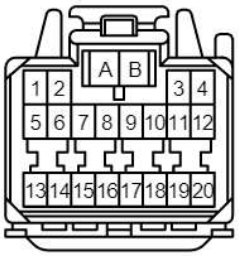
A26
Yellow



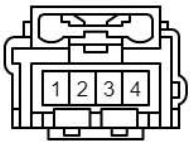
A27
Yellow



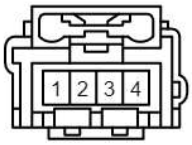
A28
Yellow



A29
Yellow



A30
Yellow



A31



A32



A33



B 1
Gray



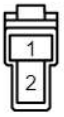
B 2
Black



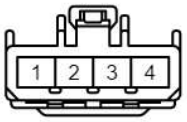
B 3
Black



B 4



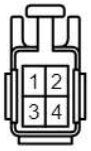
B 5
Black



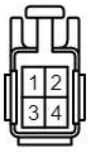
B 6
Black



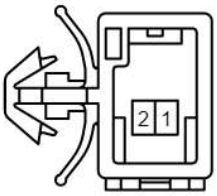
B 7
(L/B)



B 7
(W/G) Blue



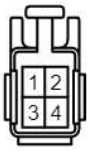
B 8



B 9
Gray



B10



C 1
Black



C 2
Black



C 3
Gray



C 4



C 5
Black



C 6
(*1) Gray



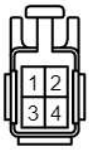
C 6
(1CD–FTV) Black



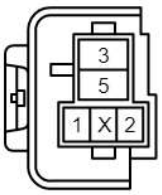
C 6
(1ZZ–FE, 3ZZ–FE) Black



C 7
Black



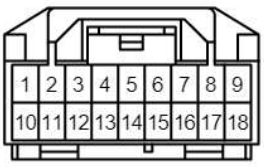
C 8



C 9



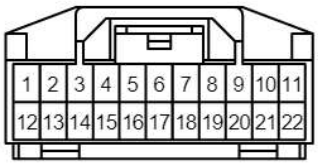
C10
Blue



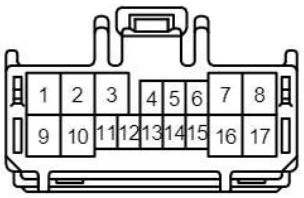
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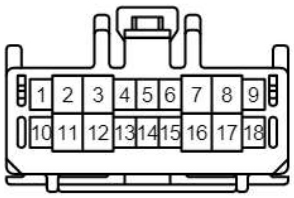
C11



C12



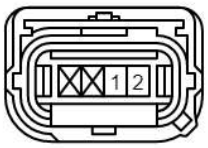
C13
Black



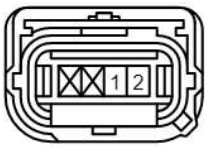
C14



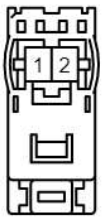
C15
Yellow



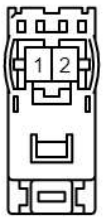
C16
Yellow



C17
Black



C18
Black



D 1
Black



D 2



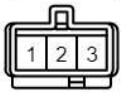
D 3
Black



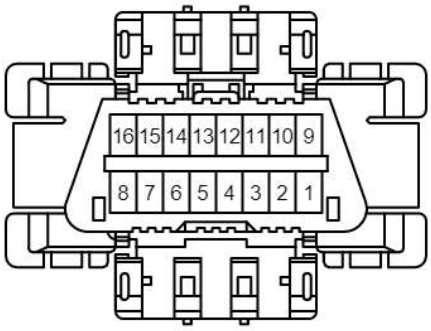
D 4
(Except 1CD–FTV)



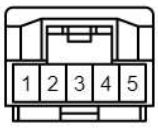
D 4
(1CD–FTV)



D 5



D 6



D 7



D 8



D 9



D10



D11



D12



D13



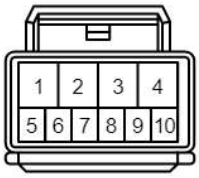
D14



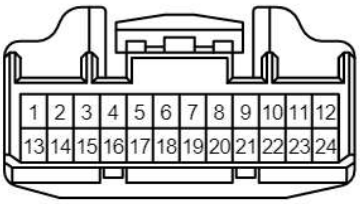
D15



D16



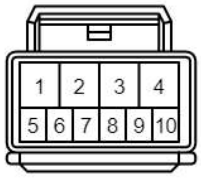
D17



D18



D19



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D20



D21



E 1
Gray



E 2
(Except 1AZ–FE) Gray



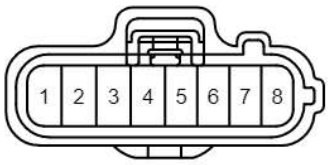
E 2
(1AZ–FE) Gray



E 3
Black



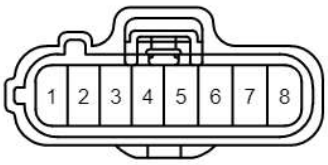
E 4
Black



E 5
(1AZ–FSE) Black



E 5
(1CD–FTV) Dark Gray



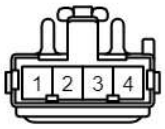
E 6
Black



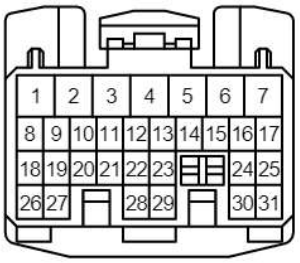
E 7
Gray



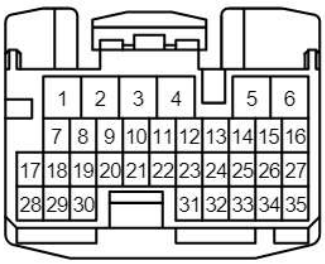
E 8
Black



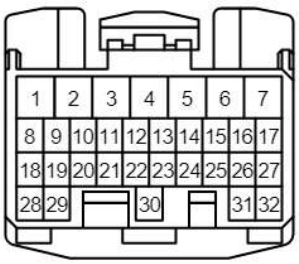
E 9



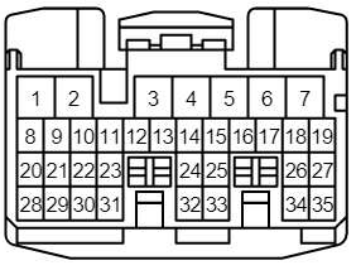
E10



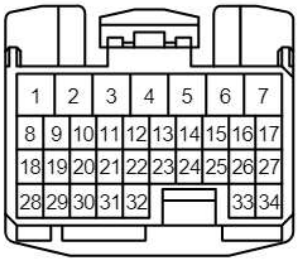
E11



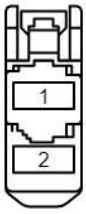
E12



E13



E14
Gray



E15



F 1
Black



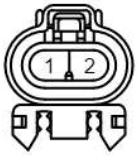
F 2
Black



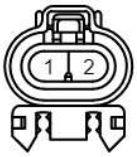
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K CONNECTOR LIST

F 3
Brown



F 4
Brown



F 5
Gray



F 6
Gray



F 7



F 8



F 9



F10



F11
Black



F12
Black



F13
Gray



F14
Gray



F15
Gray



F16
(1AZ–FSE) Gray



F16
(1CD–FTV) Black



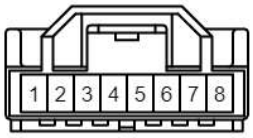
F17
Black



F18
Gray



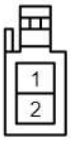
F19



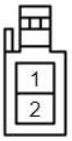
F20
Black



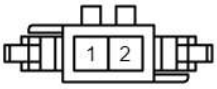
F21
Black



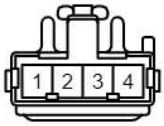
F22
Black



F23
Black



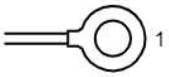
F24



F25
Gray



G 1



G 2
Gray



G 3
Black



H 1
Gray



H 2
Gray



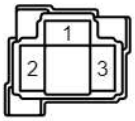
H 3
Black



H 4
Black

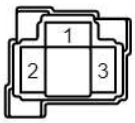


H 5



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H 6



H 7
(1AZ–FSE) Gray



H 7
(1ZZ–FE, 3ZZ–FE) Gray



H 8
Black



H 9
Gray



H10
Black



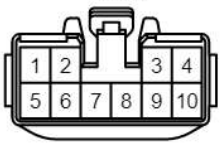
H11
Black



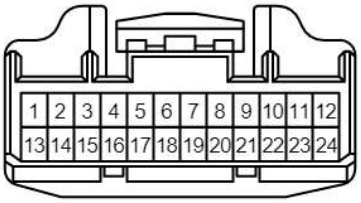
H12
Black



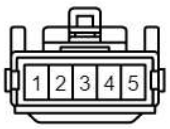
H13
Black



H14



H15



H16
Black



H17
Gray



H18
Black



H19
Black



H20
(L/B)



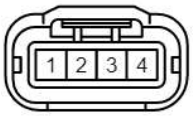
H20
(S/D) Gray



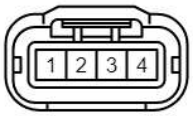
H20
(W/G) Black



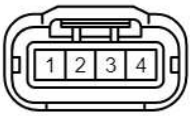
I 1
Black



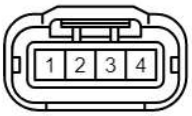
I 2
Gray



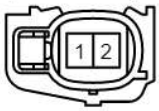
I 3
Black



I 4
Gray



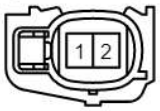
I 5
(Except 1AZ–FSE) Black



I 5
(1AZ–FSE) Black



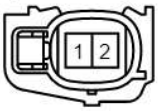
I 6
(Except 1AZ–FSE) Gray



I 6
(1AZ–FSE) Gray



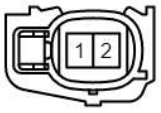
I 7
(Except 1AZ–FSE) Black



I 7
(1AZ–FSE) Black



I 8
(Except 1AZ–FSE) Gray



I 8
(1AZ–FSE) Gray



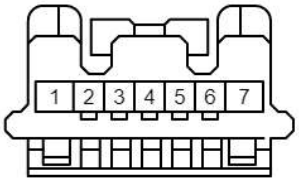
I 9
Gray



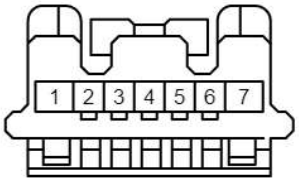
I10
Black



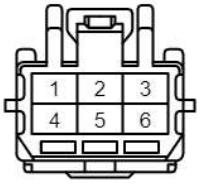
I11
Black



I12
Black



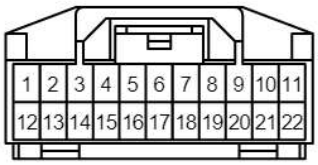
I13



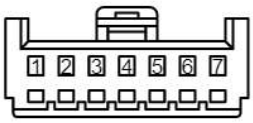
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K CONNECTOR LIST

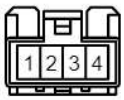
I14



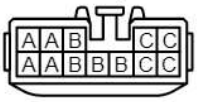
I15
Black



I16



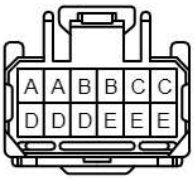
J 1
Gray



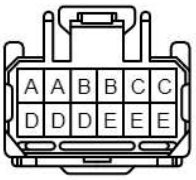
J 2
Black



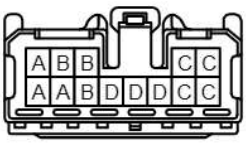
J 3



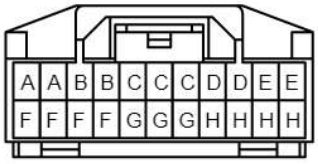
J 4



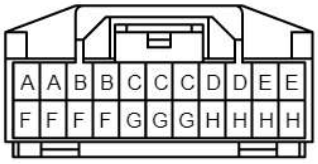
J 5



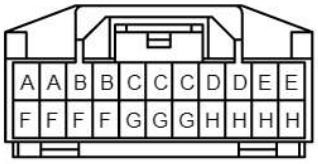
J 6



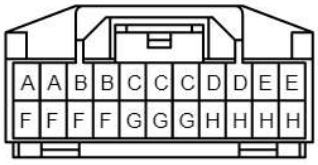
J 7



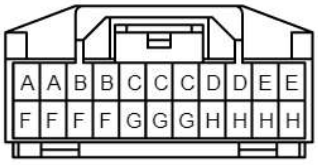
J 8
Black



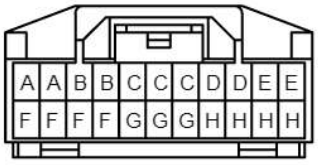
J 9
Black



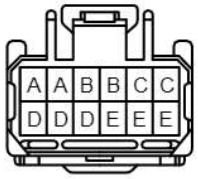
J10
Gray



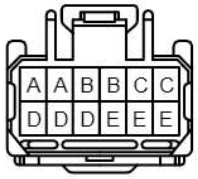
J11
Gray



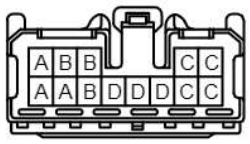
J12



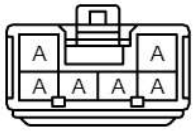
J13



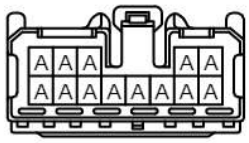
J14



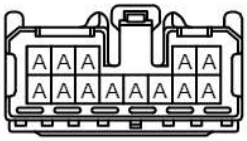
J15



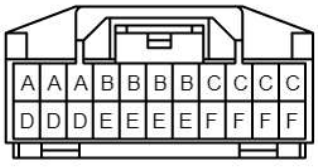
J16



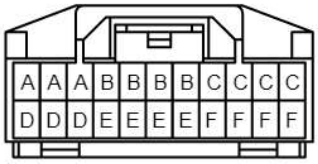
J17



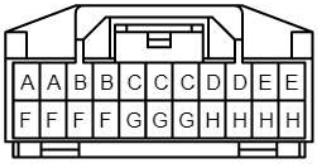
J18



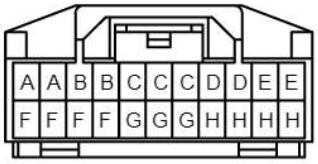
J19



J20

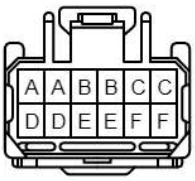


J21



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J22



J23



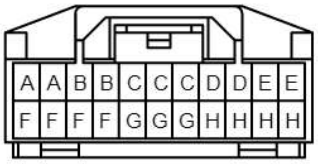
J24



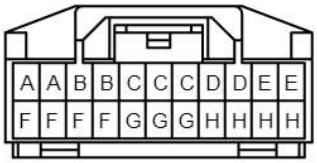
J25



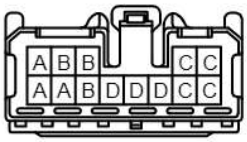
J26



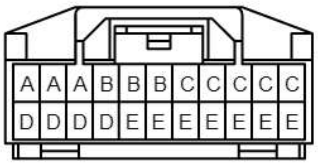
J27



J28



J29



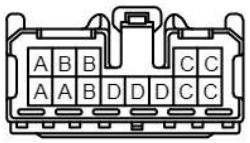
J30



J31



J32



J33



J34



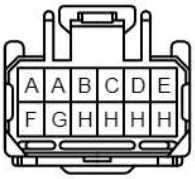
J35



J36



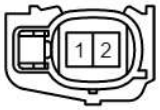
J37



J38



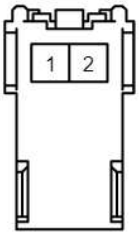
K 1
Black



K 2
Black



K 3
Yellow



L 1
Black



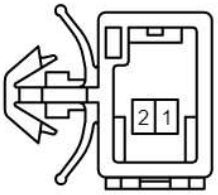
L 2
Black



L 3
Black



L 4



L 5



L 6

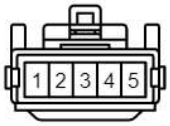


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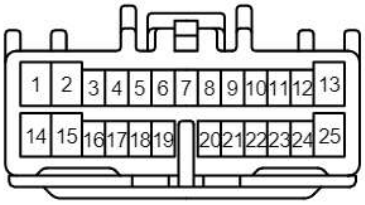
K CONNECTOR LIST

*2 : w/ Navigation System (Map Type)
*3 : w/o Navigation System (Map Type)
*4 : Power Heater (Combustion Type)
*5 : Power Heater (Hot Gas Type)

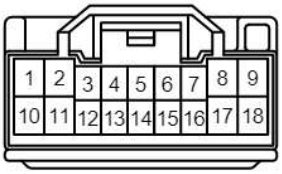
L 7



M 1 (*2)



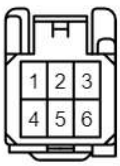
M 1 (*3)



M 2 (*2)



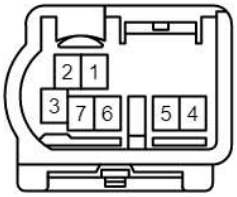
M 2 (*3)



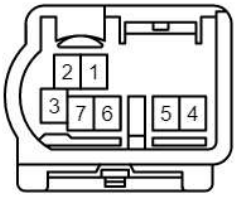
M 3



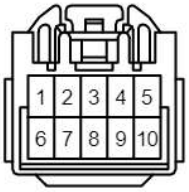
M 4



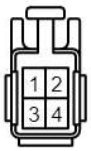
M 5



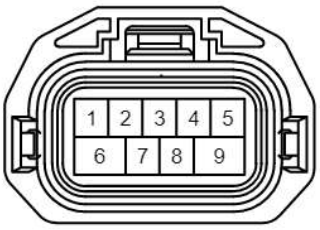
M 6 Gray



M 7



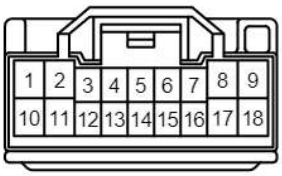
N 1 Gray



N 2 Gray



N 3



N 4



N 5



N 6



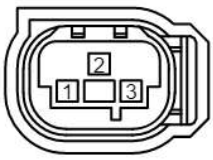
N 7



N 8



O 1 Black



O 2 Gray



P 1 Black



P 2 Black



P 3 Gray



P 4 Black



P 5 (*4) Gray



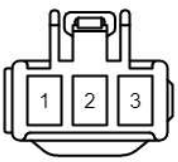
P 5 (*5)



P 6 Black



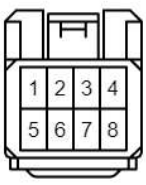
P 7



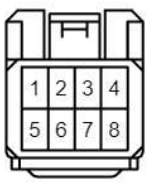
P 8



P 9

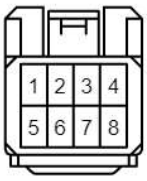


P10

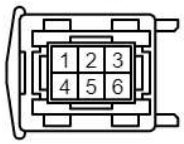


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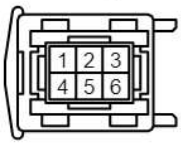
P11



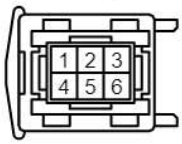
P12
Gray



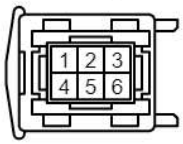
P13
Gray



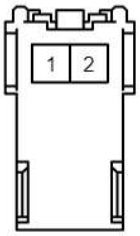
P14
Gray



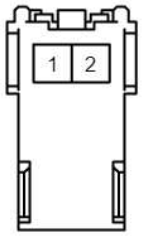
P15
Gray



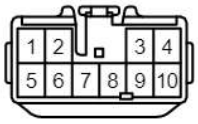
P16
Yellow



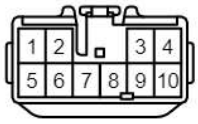
P17
Yellow



P18
Black



P19
Black



P20



P21
Black



P22



P23
Blue



P24



P25
Blue



R 1
Gray



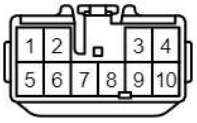
R 2
Black



R 3
Red



R 4



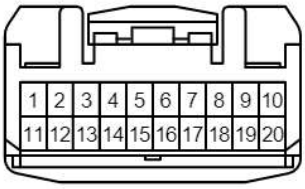
R 5



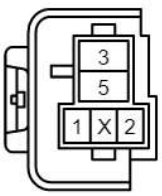
R 6



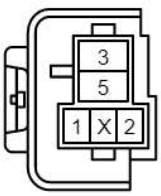
R 7



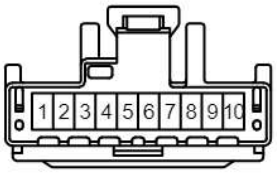
R 8



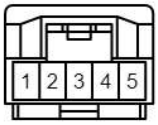
R 9



R10



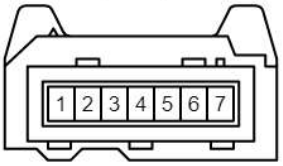
R11



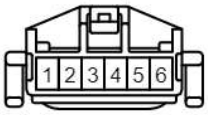
R12
Black



R13
(Except W/G) Black



R13
(W/G)

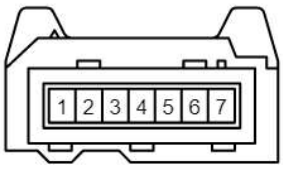


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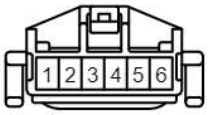
K CONNECTOR LIST

*1 : 1AZ–FSE, 1AZ–FE
*6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE

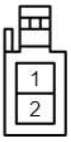
R14
(Except W/G) Black



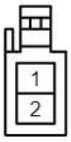
R14
(W/G)



R15
Black



R16
Black



R17



R18
(L/B)



R18
(S/D, W/G)



R19
(L/B)



R19
(S/D)



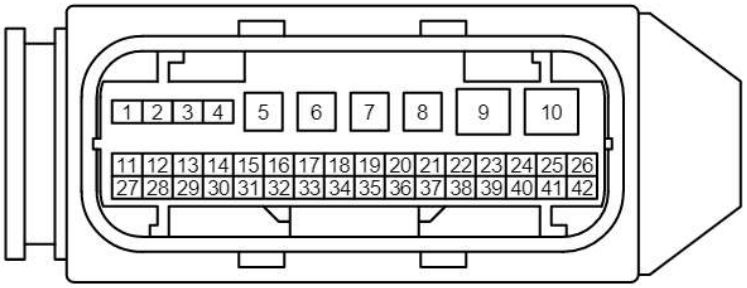
R19
(W/G)



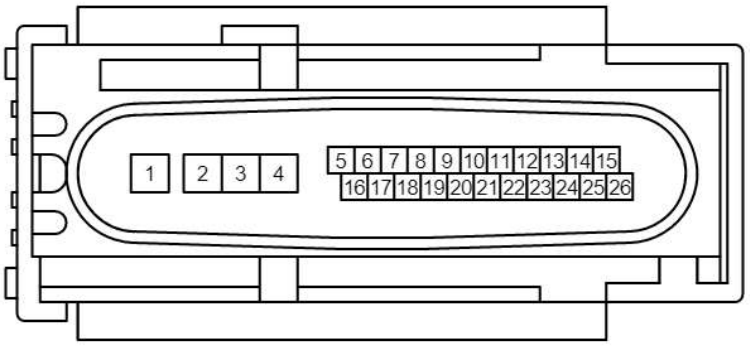
R20
Black



S 1
Black



S 2
Black



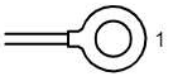
S 3
Gray



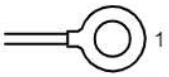
S 4
Black



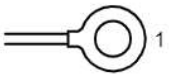
S 5
(*1)



S 5
(1CD–FTV)



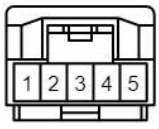
S 5
(1ZZ–FE, 3ZZ–FE)



S 6
Gray



S 7
Black



S 8
Black



S 9



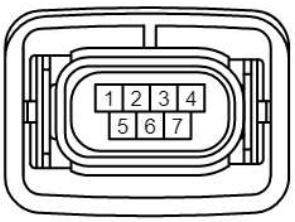
S10
Black



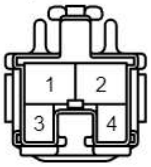
S11
Black



S12
Black



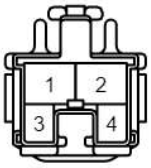
S13
(*6) Black



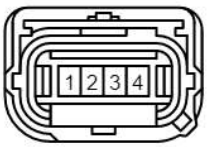
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*7 : 1AZ–FSE, 1CD–FTV
*8 : w/ Curtain Shield Airbag
*9 : w/o Curtain Shield Airbag

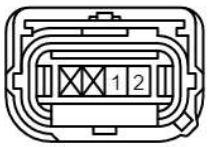
S13
(*7)



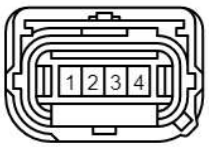
S14
(*8) Yellow



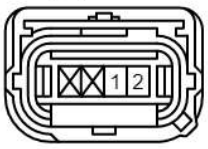
S14
(*9) Yellow



S15
(*8) Yellow



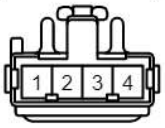
S15
(*9) Yellow



S16
(w/ Power Seat) Gray



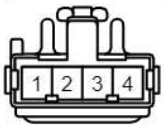
S16
(w/o Power Seat)



S17
(w/ Power Seat) Gray



S17
(w/o Power Seat)



S18
Yellow



S19
Yellow



T 1
Black



T 2
Black



T 3
Gray



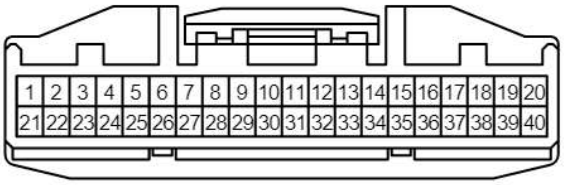
T 4
Black



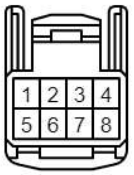
T 5
Black



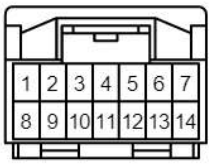
T 6



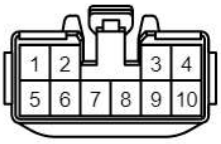
T 7



T 8



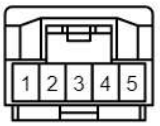
T 9
Black



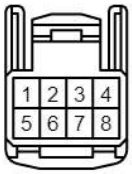
T10
Black



T11



T12



T13



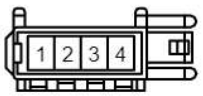
T14
Black



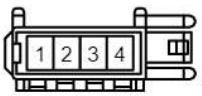
T15
Black



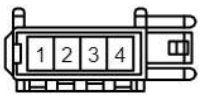
T16



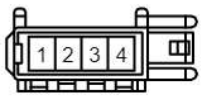
T17



T18



T19



U 1
Black



V 1
Black



V 2
Black



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K CONNECTOR LIST

V 3
Black



V 4
Black



V 5
Blue



V 6
Brown



V 7
Black



V 8



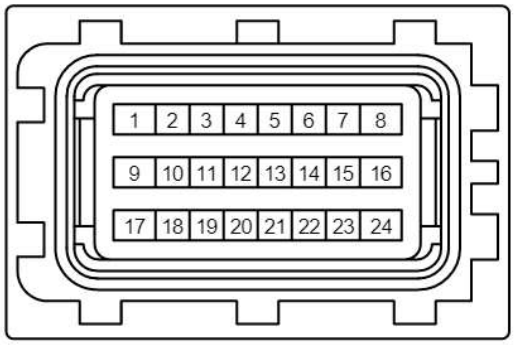
V 9



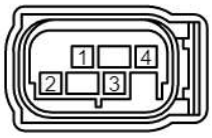
W 1



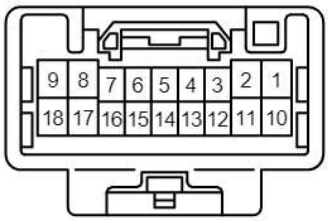
W 2
Black



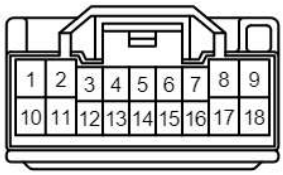
Y 1
Black



Z 1



Z 2



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L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980–11030
A 2	A/C Condenser Fan Motor	90980–10928
A 3	A/C Pressure Sensor	90980–10845
A 4	ABS Speed Sensor Front LH	90980–11003
A 5	ABS Speed Sensor Front RH	
A 6	Air Flow Meter	90980–11317
A 7	Air Fuel Ratio Sensor (Bank 1 Sensor 1)	90980–11178
A 8	Air Fuel Ratio Sensor (Bank 2 Sensor 1)	90980–10869
A 9	Airbag Sensor Front LH	90980–11856
A10	Airbag Sensor Front RH	
A11	Alternator	90980–11964
A12	Alternator (Except 1CD–FTV)	90980–09212
	Alternator (1CD–FTV)	90980–09213
A13	A/C Control Assembly	90980–12169
A14	A/C Control Assembly	90980–11778
A15	A/C Control Assembly	90980–12259
A16	A/C Control Assembly	90980–12200
A17	A/C Room Temp. Sensor	90980–11918
A18	A/C Solar Sensor	90980–11987
A19	A/C Thermistor	90980–11918
A20	Accel Position Sensor	90980–11144
A21	Air Inlet Control Servo Motor	90980–11987
A22	Air Mix Control Servo Motor	90980–11909
A23	Air Mix Control Servo Motor (Driver Side)	
A24	Air Mix Control Servo Motor (Front Passenger Side)	
A25	Air Vent Mode Control Servo Motor	
A26	Airbag Sensor Assembly	82824–50160
A27	Airbag Sensor Assembly	90980–11872
A28	Airbag Sensor Assembly	82824–50150
A29	Airbag Squib (Front Passenger Airbag Assembly)	90980–12160
A30	Airbag Squib (Steering Wheel Pad)	
A31	Antenna Amplifier	90980–10870
A32	ABS Speed Sensor Rear LH	90980–11060
A33	ABS Speed Sensor Rear RH	
B 1	Back–Up Light SW	90980–10576
B 2	Brake Booster Pressure Sensor	90980–10845
B 3	Brake Fluid Level Warning SW	90080–98001
B 4	Blower Motor	90980–10214
B 5	Blower Motor Controller	90980–11676
B 6	Blower Resistor	90980–11136
B 7	Back Door Courtesy SW	90980–10795
	Back Door Lock Motor	
B 8	Back Door Opener SW	90980–11967
B 9	Buckle SW (Driver's Side)	90980–10942

Code	Part Name	Part Number
B10	Buckle SW (Front Passenger's Side)	90980–10795
	Occupant Detection Sensor	
C 1	Camshaft Position Sensor	90980–10947
C 2	Camshaft Timing Oil Control Valve	90980–11162
C 3	Compressor Assembly	90980–11156
C 4	Condenser Assembly	90980–11003
C 5	Counter Gear Speed Sensor	90980–11156
C 6	Crankshaft Position Sensor (1AZ–FSE, 1AZ–FE)	90980–10947
	Crankshaft Position Sensor (1CD–FTV)	90980–12028
	Crankshaft Position Sensor (1ZZ–FE, 3ZZ–FE)	90980–10947
C 7	Cigarette Lighter	90980–10795
	Cigarette Lighter Illumination	
C 8	Circuit Opening Relay	82660–05020
C 9	Clutch Start SW	90980–10825
C10	Combination Meter	90980–11913
C11	Combination Meter	90980–11915
C12	Combination SW	90980–11672
C13	Combination SW	90980–11594
C14	Combination SW	90980–12183
C15	Curtain Shield Airbag Sensor LH	90980–12352
C16	Curtain Shield Airbag Sensor RH	
C17	Curtain Shield Airbag Squib LH	90980–12219
C18	Curtain Shield Airbag Squib RH	
D 1	Diesel Throttle Control Motor	90980–11144
D 2	Diode	90980–11071
D 3	Diode	90980–10962
D 4	Diode (Fan) (Except 1CD–FTV)	90980–11608
	Diode (Fan) (1CD–FTV)	90980–11071
D 5	DLC3	90980–11665
D 6	Door Control Receiver	90980–11909
D 7	Door Courtesy Light LH	90980–11148
D 8	Door Courtesy Light RH	
D 9	Door Courtesy SW Front LH	90980–10871
D10	Door Courtesy SW Front RH	
D11	Door Courtesy SW Rear LH	
D12	Door Courtesy SW Rear RH	
D13	Door Key Lock and Unlock SW (Driver's Side)	90980–12226
	Door Lock Control Motor (Driver's Side)	
	Door Unlock Detection SW (Driver's Side)	

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

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Code	Part Name	Part Number
D14	Door Key Lock and Unlock SW (Driver's Side)	90980–12226
	Door Lock Control Motor (Driver's Side)	
	Door Unlock Detection SW (Driver's Side)	
	Double Lock Motor (Driver's Side)	
	Double Lock Position SW (Driver's Side)	
D15	Door Lock Control Motor (Front Passenger's Side)	
D16	Door Lock Control Motor (Front Passenger's Side)	
	Door Unlock Detection SW (Front Passenger's Side)	
	Double Lock Motor (Front Passenger's Side)	
	Double Lock Position SW (Front Passenger's Side)	
D17	Door Lock Control SW	90980–12200
	Power Window Master SW	
D18	Door Lock Motor Rear LH	90980–12226
D19	Door Lock Motor Rear LH	
	Door Unlock Detection SW Rear LH	
	Double Lock Motor Rear LH	
	Double Lock Position SW Rear LH	
D20	Door Lock Motor Rear RH	
D21	Door Lock Motor Rear RH	
	Door Unlock Detection SW Rear RH	
	Double Lock Motor Rear RH	
	Double Lock Position SW Rear RH	
E 1	ECT Solenoid	90980–11658
E 2	EFI Water Temp. Sensor (Except 1AZ–FE)	90980–10737
	EFI Water Temp. Sensor (1AZ–FE)	90980–10735
E 3	EGR Valve Control Motor	90980–11144
E 4	Electronic Driver Unit	90980–11592
E 5	Electronic Driver Unit (1AZ–FSE)	90980–11024
	Electronic Driver Unit (1CD–FTV)	90980–11593
E 6	Engine Hood Courtesy SW	90980–10554
E 7	Engine Oil Level Sensor	90980–11235
E 8	ECT Pattern Select SW	90980–11013
E 9	Engine and ECT ECU (A/T)	90980–12142
	Engine ECU (M/T)	
E10	Engine and ECT ECU (A/T)	90980–12146
	Engine ECU (M/T)	
E11	Engine and ECT ECU (A/T)	90980–12143
	Engine ECU (M/T)	
E12	Engine and ECT ECU (A/T)	90980–12145
	Engine ECU (M/T)	
E13	Engine and ECT ECU (A/T)	90980–12144
	Engine ECU (M/T)	

Code	Part Name	Part Number
E14	EPS ECU	90980–12300
E15	EPS ECU	90980–12290
F 1	Front Clearance Light LH	90980–11149
F 2	Front Clearance Light RH	
F 3	Front Fog Light LH	90980–11660
F 4	Front Fog Light RH	
F 5	Front Side Turn Signal Light LH	90980–11162
F 6	Front Side Turn Signal Light RH	
F 7	Front Turn Signal Light LH	90980–10942
	Headlight Control ECU LH	
F 8	Front Turn Signal Light LH	
	Headlight LH (Low)	
F 9	Front Turn Signal Light RH	
	Headlight Control ECU RH	
F10	Front Turn Signal Light RH	
	Headlight RH (Low)	
F11	Front Washer Motor	90080–98117
F12	Front Window Deicer	90980–11155
F13	Front Wiper Motor	90980–11599
F14	Fuel Filter Warning SW	90980–11002
F15	Fuel Heater	90980–10928
F16	Fuel Pressure Sensor (1AZ–FSE)	90980–11451
	Fuel Pressure Sensor (1CD–FTV)	90980–11194
F17	Fuel Pump	90080–98001
F18	Fuel Temp. Sensor	90980–10737
F19	Front Passenger's Seat Belt Warning Light	90980–11989
	Rear Window Defogger SW	
	Security Indicator Light	
F20	Front Wiper Deicer SW	90980–10797
F21	Front Door Speaker LH	90080–98157
F22	Front Door Speaker RH	
F23	Fuel Lid Opener Motor	90080–98313
F24	Fuel Lid Opener SW	90980–11013
F25	Fuel Pump	90980–11077
	Fuel Sender	
G 1	Glow Plug	99141–13006
G 2	Glow Plug Relay	90980–11569
G 3	Glove Box Light	90980–11098
H 1	Headlight Beam Level Control Actuator LH	90980–11016
H 2	Headlight Beam Level Control Actuator RH	
H 3	Headlight Cleaner Control Relay	90980–10939
H 4	Headlight Cleaner Motor	90080–98116
H 5	Headlight LH (High)	90980–11314
H 6	Headlight RH (High)	

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L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
H 7	Heated Oxygen Sensor (Bank 1 Sensor 1) (1AZ–FSE)	90980–11028
	Heated Oxygen Sensor (Bank 1 Sensor 1) (1ZZ–FE, 3ZZ–FE)	90980–10869
H 8	Heated Oxygen Sensor (Bank 1 Sensor 2)	90980–11028
H 9	Heated Oxygen Sensor (Bank 2 Sensor 1)	90980–10869
H10	Heated Oxygen Sensor (Bank 2 Sensor 2)	90980–11028
H11	Horn LH	90980–10619
H12	Horn RH	
H13	Hazard SW	90980–10801
H14	Headlight Beam Level Control ECU	90980–12200
H15	Headlight Beam Level Control SW	90980–10789
H16	Headlight Cleaner SW	90980–10601
H17	Heated Oxygen Sensor (Bank 1 Sensor 2)	90980–11930
H18	Height Control Sensor (Front)	90980–11860
H19	Height Control Sensor (Rear)	
H20	High Mounted Stop Light (L/B)	90980–10320
	High Mounted Stop Light (S/D)	90980–WB002
	High Mounted Stop Light (W/G)	90980–11148
I 1	Ignition Coil and Igniter No.1	90980–11885
I 2	Ignition Coil and Igniter No.2	
I 3	Ignition Coil and Igniter No.3	
I 4	Ignition Coil and Igniter No.4	
I 5	Injector No.1 (Except 1AZ–FSE)	90980–11875
	Injector No.1 (1AZ–FSE)	90980–12117
I 6	Injector No.2 (Except 1AZ–FSE)	90980–11875
	Injector No.2 (1AZ–FSE)	90980–12117
I 7	Injector No.3 (Except 1AZ–FSE)	90980–11875
	Injector No.3 (1AZ–FSE)	90980–12117
I 8	Injector No.4 (Except 1AZ–FSE)	90980–11875
	Injector No.4 (1AZ–FSE)	90980–12117
I 9	Intake Air Temp. Sensor	90980–11025
I10	ISC Valve	90980–11145
I11	Ignition Key Cylinder Light	90980–12092
I12	Ignition Key Cylinder Light	
	Transponder Key Amplifier	
I13	Ignition SW	90980–11778
I14	Integration Relay	90980–11915
I15	Inner Mirror	90980–11794
I16	Interior Light	90980–11950
J 1	Junction Connector	90980–10803
J 2	Junction Connector	
J 3	Junction Connector	90980–11661
J 4	Junction Connector	
J 5	Junction Connector	90980–11542
J 6	Junction Connector	90980–11915
J 7	Junction Connector	

Code	Part Name	Part Number
J 8	Junction Connector	90980–11915
J 9	Junction Connector	
J10	Junction Connector	
J11	Junction Connector	
J12	Junction Connector	90980–11661
J13	Junction Connector	
J14	Junction Connector	90980–11542
J15	Junction Connector	90980–10976
J16	Junction Connector	90980–11542
J17	Junction Connector	
J18	Junction Connector	90980–11915
J19	Junction Connector	
J20	Junction Connector	
J21	Junction Connector	
J22	Junction Connector	90980–11661
J23	Junction Connector	
J24	Junction Connector	
J25	Junction Connector	
J26	Junction Connector	90980–11915
J27	Junction Connector	
J28	Junction Connector	90980–11542
J29	Junction Connector	90980–11915
J30	Junction Connector	90980–11661
J31	Junction Connector	
J32	Junction Connector	90980–11542
J33	Junction Connector	90980–11661
J34	Junction Connector	
J35	Junction Connector	
J36	Junction Connector	
J37	Junction Connector	
J38	Junction Connector	
K 1	Knock Sensor	90980–11875
K 2	Kick Down SW	90980–11156
K 3	Knee Airbag Squib	90980–12253
L 1	License Plate Light LH	90080–98001
L 2	License Plate Light RH	
L 3	Luggage Compartment Door Lock Motor	90980–10908
	Luggage Compartment Light SW	
L 4	Luggage Compartment Door Opener SW	90980–11967
L 5	Luggage Compartment Light	90980–11148
L 6	Lumbar Support Control Motor	90980–10825
L 7	Lumbar Support Control SW	90980–10789
M 1	Multi–Display (w/ Navigation System (Map Type))	90980–11877
	Multi–Display (w/o Navigation System (Map Type))	90980–11973

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

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Code	Part Name	Part Number
M 2	Multi–Display (w/ Navigation System (Map Type))	90980–11923
	Multi–Display (w/o Navigation System (Map Type))	90980–12209
M 3	Multi–Display	90980–10871
M 4	Mirror Heater LH	90980–12059
	Remote Control Mirror LH	
M 5	Mirror Heater RH	
	Remote Control Mirror RH	
M 6	Moon Roof Control Relay and Motor	82824–05030
M 7	Moon Roof Control SW	90980–10795
N 1	Neutral Start SW	90980–11784
N 2	Noise Filter (Ignition)	90980–10843
N 3	Navigation ECU	90980–11973
N 4	Navigation ECU	90980–11923
N 5	Navigation ECU	90980–12221
N 6	Noise Filter (Rear Window Defogger No.1)	90980–10825
N 7	Noise Filter (Rear Window Defogger No.2)	
N 8	Noise Filter (Stop Light)	
O 1	Oil Pressure Sensor	90080–98200
O 2	Oil Pressure SW	90980–11363
P 1	Power Heater Assembly	90980–10897
P 2	Power Steering Oil Pressure SW	90980–11428
P 3	Pressure Discharge Valve	90980–11285
P 4	Parking Brake SW	90980–10871
P 5	Power Heater SW	90980–10996
P 6	Power Outlet	90080–98182
P 7	PTC Heater	90980–11685
P 8	Personal Light	90980–11950
P 9	Power Window Control SW (Front Passenger Side)	90980–12113
P10	Power Window Control SW Rear LH	
P11	Power Window Control SW Rear RH	
P12	Power Window Motor Front LH	90080–98276
P13	Power Window Motor Front RH	
P14	Power Window Motor Rear LH	
P15	Power Window Motor Rear RH	
P16	Pretensioner LH	90980–12253
P17	Pretensioner RH	
P18	Power Seat Control SW (Driver's Seat)	90980–10997
P19	Power Seat Control SW (Front Passenger's Seat)	
P20	Power Seat Motor (Driver's Seat Front Vertical Control)	90980–10825
P21	Power Seat Motor (Driver's Seat Lifter Control)	
P22	Power Seat Motor (Driver's Seat Reclining Control)	

Code	Part Name	Part Number
P23	Power Seat Motor (Driver's Seat Slide Control)	90980–10825
P24	Power Seat Motor (Front Passenger's Seat Reclining Control)	
P25	Power Seat Motor (Front Passenger's Seat Slide Control)	
R 1	Radiator Fan Motor	90980–10928
R 2	Radiator Fan Resistor	
R 3	Rear Washer Motor	90080–98117
R 4	Radio and Player	90980–10997
R 5	Radio and Player	90980–10996
R 6	Radio and Player	90980–12183
R 7	Radio and Player	90980–12259
R 8	Rear Fog Light Relay	82660–05010
R 9	Rear Window Defogger Relay	82660–05020
R10	Remote Control Mirror SW	90980–11657
R11	Remote Controller (Navigation)	90980–11909
R12	Rain Sensor	90080–98309
R13	Rear Combination Light LH (Except W/G)	90080–98175
	Rear Combination Light LH (W/G)	90980–10964
R14	Rear Combination Light RH (Except W/G)	90080–98175
	Rear Combination Light RH (W/G)	90980–10964
R15	Rear Door Speaker LH	90080–98157
R16	Rear Door Speaker RH	
R17	Rear Interior Light	90980–11148
R18	Rear Window Defogger (L/B)	90980–11258
	Rear Window Defogger (S/D, W/G)	90980–11259
R19	Rear Window Defogger (L/B)	90980–11258
	Rear Window Defogger (S/D)	90980–10786
	Rear Window Defogger (W/G)	90980–11259
R20	Rear Wiper Motor and Relay	90980–10908
S 1	Skid Control ECU with Actuator	90080–98278
S 2	Skid Control ECU with Actuator	90980–WB001
S 3	Spill Valve	90980–12117
S 4	Starter	90980–11400
S 5	Starter (1AZ–FSE, 1AZ–FE)	90980–09506
	Starter (1CD–FTV)	90980–09507
	Starter (1ZZ–FE, 3ZZ–FE)	90980–09463
S 6	Suction Control Valve	90980–11285
S 7	Seat Heater SW	90980–11909
S 8	Seat Heater SW	90980–11918
S 9	Shift Lock Control ECU	90980–12183
S10	Short Connector	90980–10797
S11	Short Connector	90980–10796
S12	Steering Sensor	90080–98241
S13	Stop Light SW	90980–11118

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L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
S14	Side Airbag Sensor LH (w/ Curtain Shield Airbag)	90980–12225
	Side Airbag Sensor LH (w/o Curtain Shield Airbag)	90980–12352
S15	Side Airbag Sensor RH (w/ Curtain Shield Airbag)	90980–12225
	Side Airbag Sensor RH (w/o Curtain Shield Airbag)	90980–12352
S16	Seat Heater LH (w/ Power Seat)	90980–10797
	Seat Heater LH (w/o Power Seat)	90980–11090
S17	Seat Heater RH (w/ Power Seat)	90980–10797
	Seat Heater RH (w/o Power Seat)	90980–11090
S18	Side Airbag Squib LH	90980–11864
S19	Side Airbag Squib RH	
T 1	Throttle Control Motor and Position Sensor	90980–11858
T 2	Throttle Position Sensor	90980–11261
T 3	Throttle Position SW	90980–11038
T 4	Turbine Speed Sensor	90980–11156
T 5	Turbo Pressure Sensor	90980–10845
T 6	Theft Deterrent ECU	90980–12169
T 7	Transmission Control SW	90980–12221
T 8	Transponder Key Computer	90980–11911
T 9	TRC Off SW	90980–10801
T10	Turn Signal Flasher Relay	90980–10799
T11	Telephone Microphone Amplifier	90980–11909
T12	Theft Warning Ultrasonic Sensor	90980–12221
T13	Theft Warning Ultrasonic Sensor Rear LH	90980–11918
T14	Theft Warning Ultrasonic Sensor Rear RH	
T15	Theft Warning Siren	90980–11349
T16	Tweeter Front LH	90980–12304
T17	Tweeter Front RH	
T18	Tweeter Rear LH	
T19	Tweeter Rear RH	
U 1	Unlock Warning SW	90980–10860
V 1	Vacuum Sensor	90980–10845
V 2	Vacuum SW	90980–11252
V 3	Variable Resistor	90980–10902
V 4	VRV (EGR)	90980–11162
V 5	VSV (EVAP)	90980–10572
V 6	VSV (Intake Air Control Valve)	90980–11149
V 7	VSC Warning Buzzer	90980–10906
V 8	Vanity Light LH	90980–11918
V 9	Vanity Light RH	
W 1	Water Temp. SW (Radiator Fan)	90980–11235
W 2	Wiper Relay	90080–98318
Y 1	Yaw Rate Sensor	90080–98249
Z 1	Option Connector (Navigation ECU)	82824–30240
Z 2	Option Connector (Navigation ECU)	90980–11973

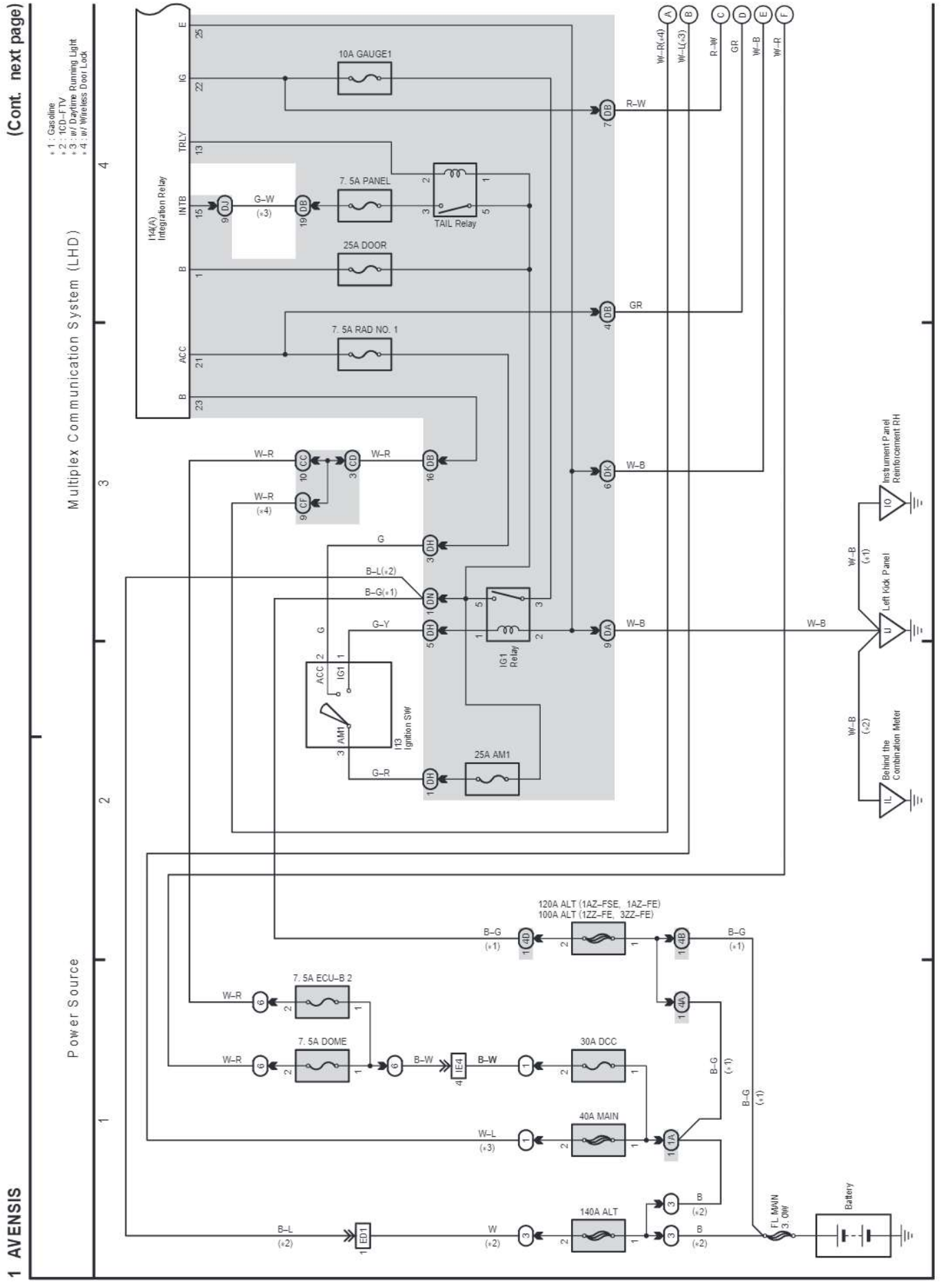
Code	Part Name	Part Number

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

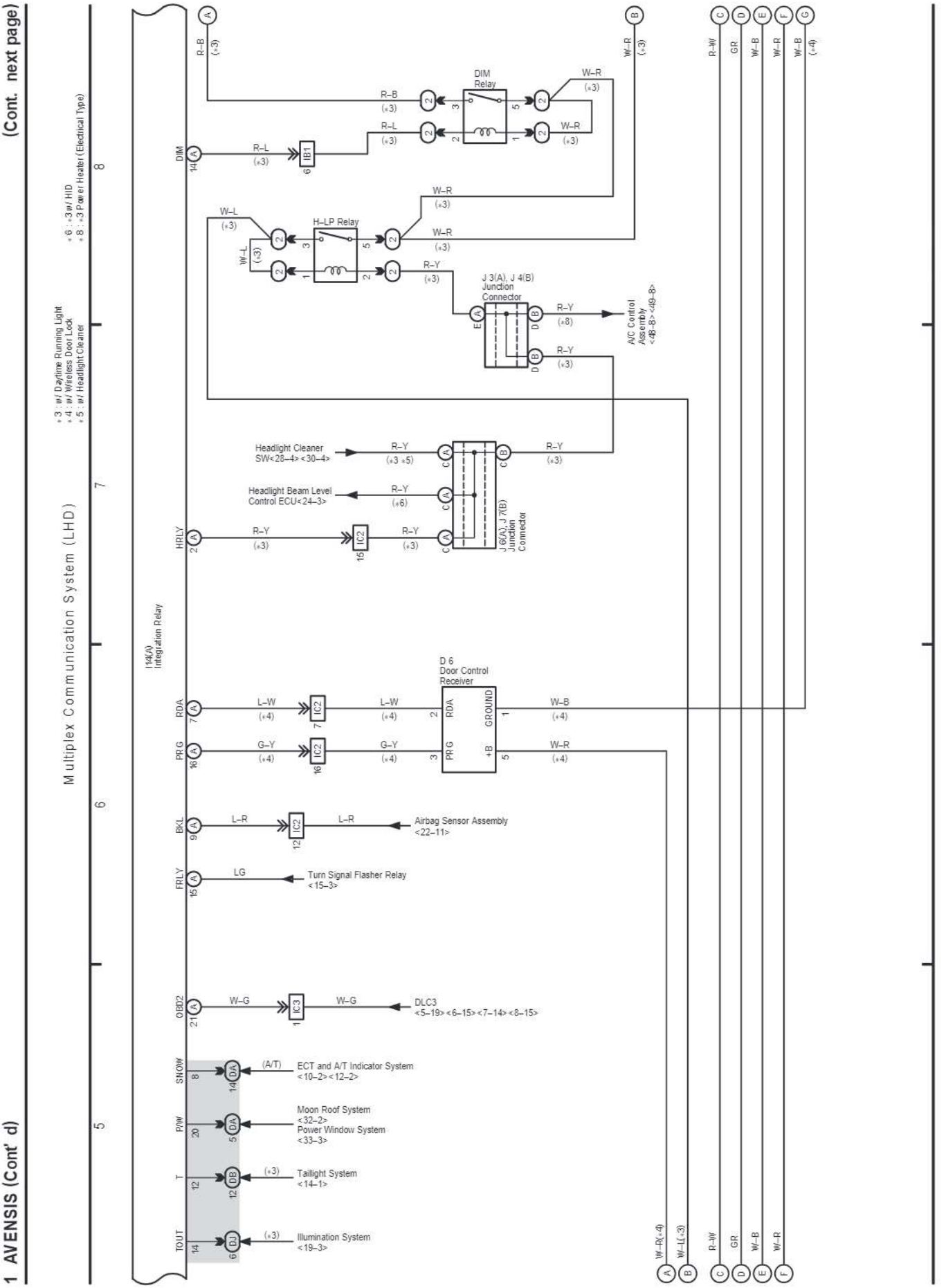
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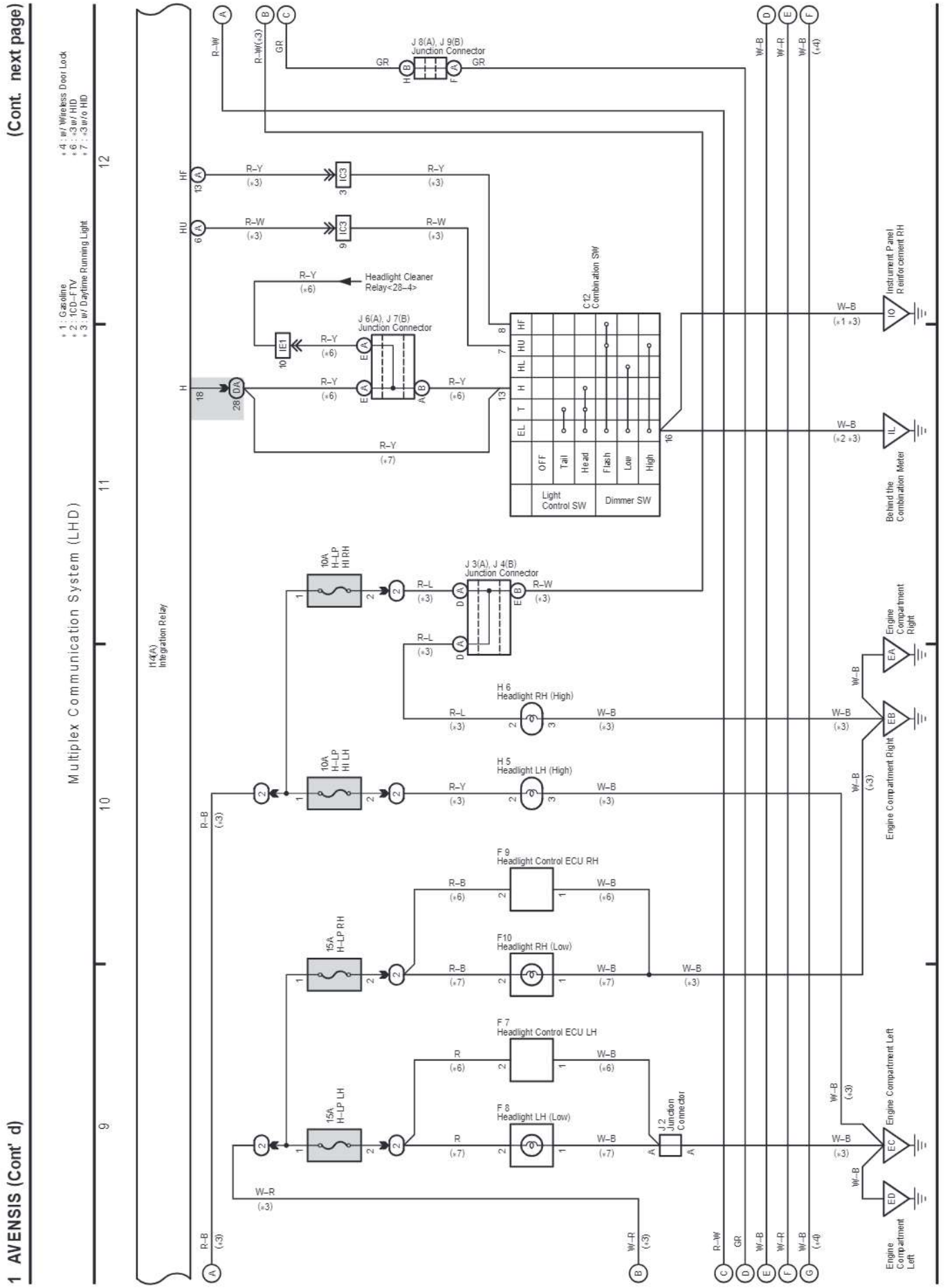
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*1 : Gasoline
*2 : 1CD–FTV
*3 : w/ Daytime Running Light
*4 : w/ Wireless Door Lock
Multiplex Communication System (LHD)
I14(A) Integration Relay
10A GAUGE1
7. 5A PANEL
TAIL Relay
25A DOOR
7. 5A RAD NO. 1
IG1 Relay
I13 Ignition SW
25A AM1
Instrument Panel Reinforcement RH
Left Kick Panel
Behind the Combination Meter
Power Source
120A ALT (1AZ–FSE, 1AZ–FE)
100A ALT (1ZZ–FE, 3ZZ–FE)
7. 5A ECU–B 2
7. 5A DOME
30A DCC
40A MAIN
140A ALT
Battery
1 AVENSIS

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1 AVENSIS (Cont' d)
(Cont. next page)
Multiplex Communication System (LHD)
*3 : w/ Daytime Running Light
*4 : w/ Wireless Door Lock
*5 : w/ Headlight Cleaner
*6 : *3 w/ HID
*8 : *3 Power Heater (Electrical Type)
I14(A) Integration Relay
DIM Relay
H-LP Relay
J 3(A), J 4(B) Junction Connector
J 6(A), J 7(B) Junction Connector
D 6 Door Control Receiver
A/C Control Assembly <48-8> <49-8>
Headlight Cleaner SW <28-4> <30-4>
Headlight Beam Level Control ECU <24-3>
Airbag Sensor Assembly <22-11>
Turn Signal Flasher Relay <15-3>
DLC3 <5-19> <6-15> <7-14> <8-15>
ECT and A/T Indicator System <10-2> <12-2>
Moon Roof System <32-2>
Power Window System <33-3>
Taillight System <14-1>
Illumination System <19-3>

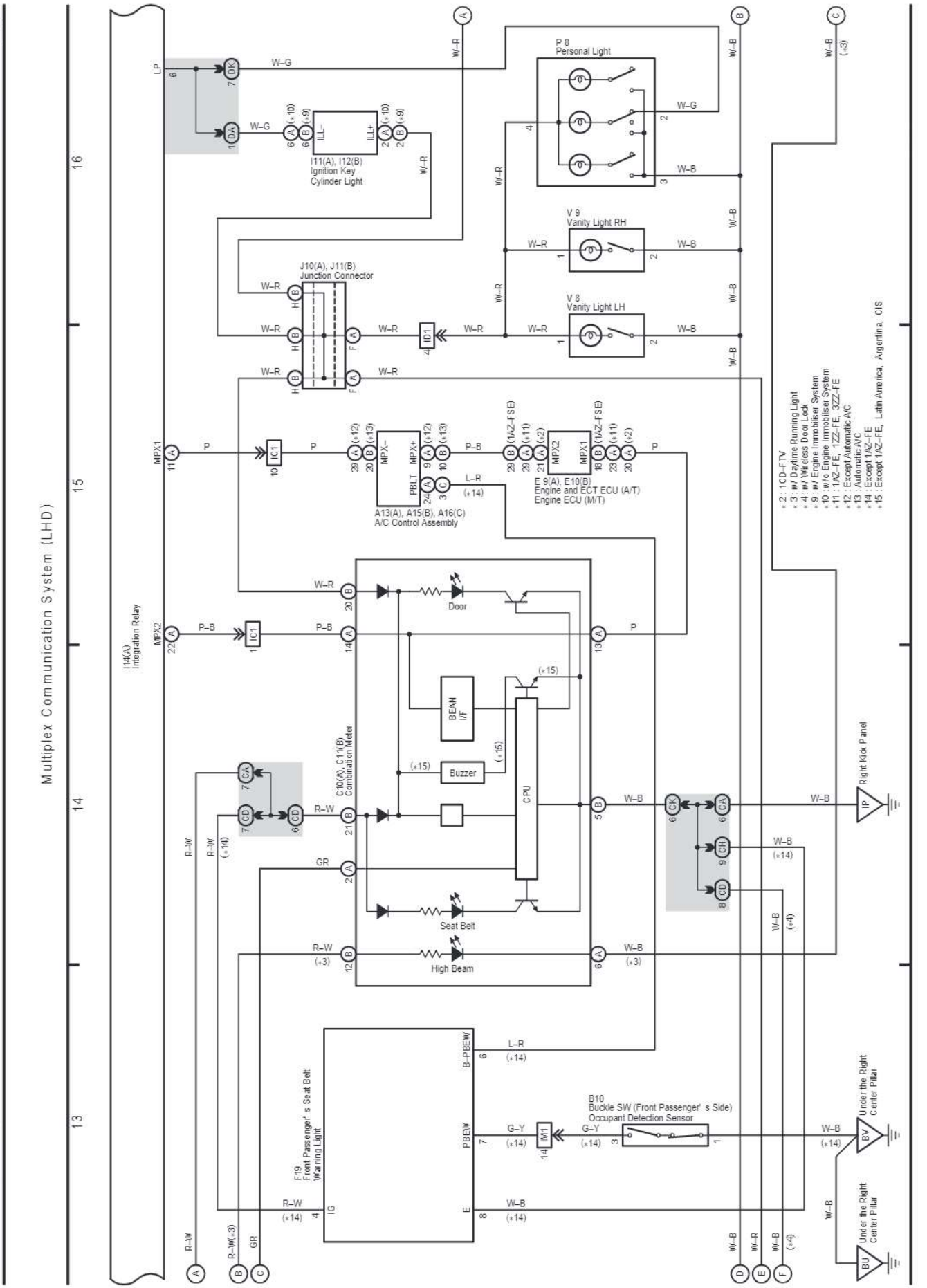
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1 AVENSIS (Cont' d)
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Multiplex Communication System (LHD)
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : w/ Daytime Running Light
* 4 : w/ Wireless Door Lock
* 6 : *3 w/ HID
* 7 : *3 w/o HID
J 8(A), J 9(B) Junction Connector
J 6(A), J 7(B) Junction Connector
J 3(A), J 4(B) Junction Connector
J 2 Junction Connector
C12 Combination SW
Light Control SW
Dimmer SW
Headlight Cleaner Relay<28-4>
H14(A) Integration Relay
10A H-LP HI RH
10A H-LP HI LH
15A H-LP RH
15A H-LP LH
H 6 Headlight RH (High)
H 5 Headlight LH (High)
F 9 Headlight Control ECU RH
F10 Headlight RH (Low)
F 7 Headlight Control ECU LH
F 8 Headlight LH (Low)
Instrument Panel Reinforcement RH
Behind the Combination Meter
Engine Compartment Right
Engine Compartment Left

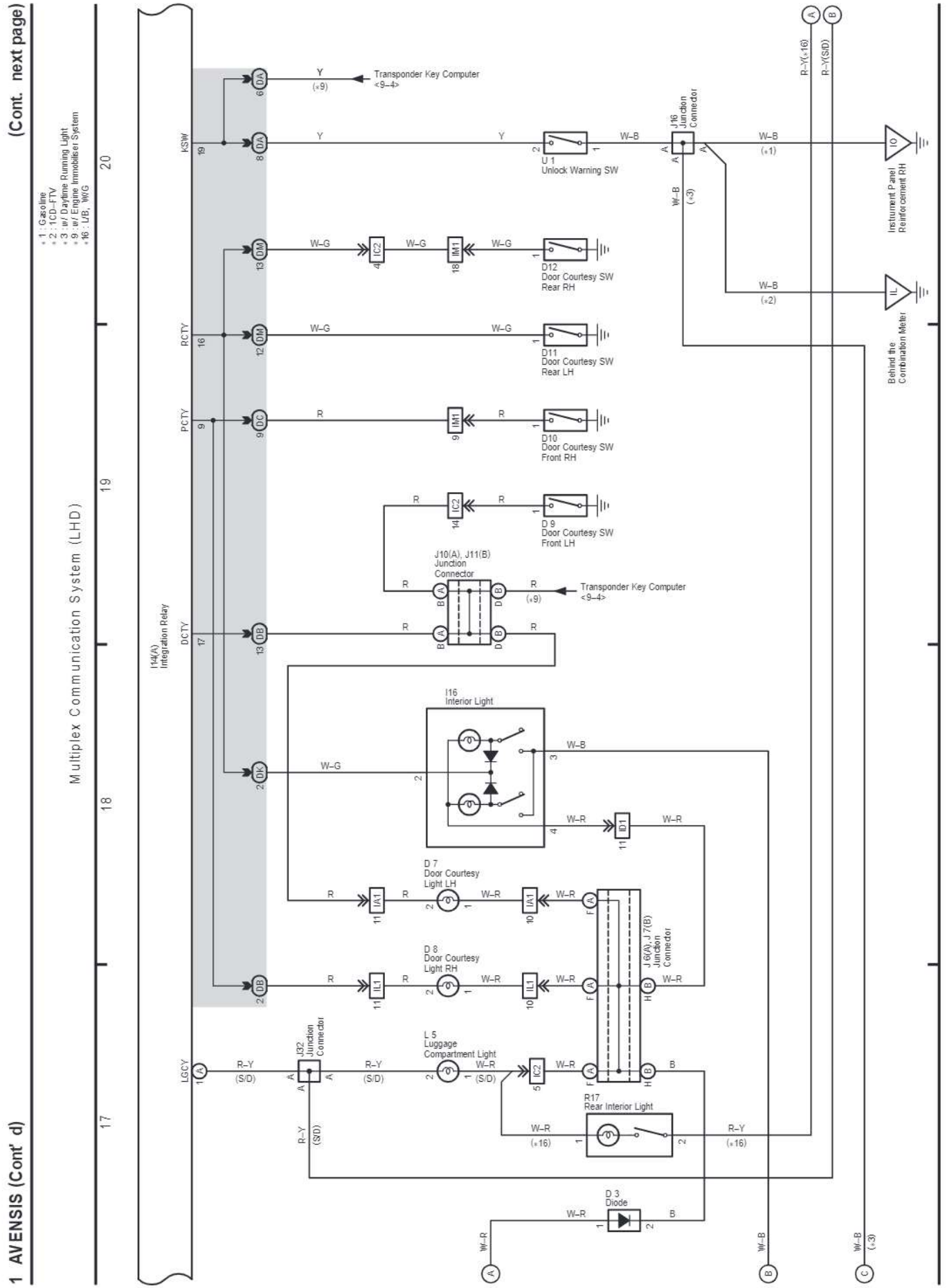
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1 AVENSIS (Cont' d)

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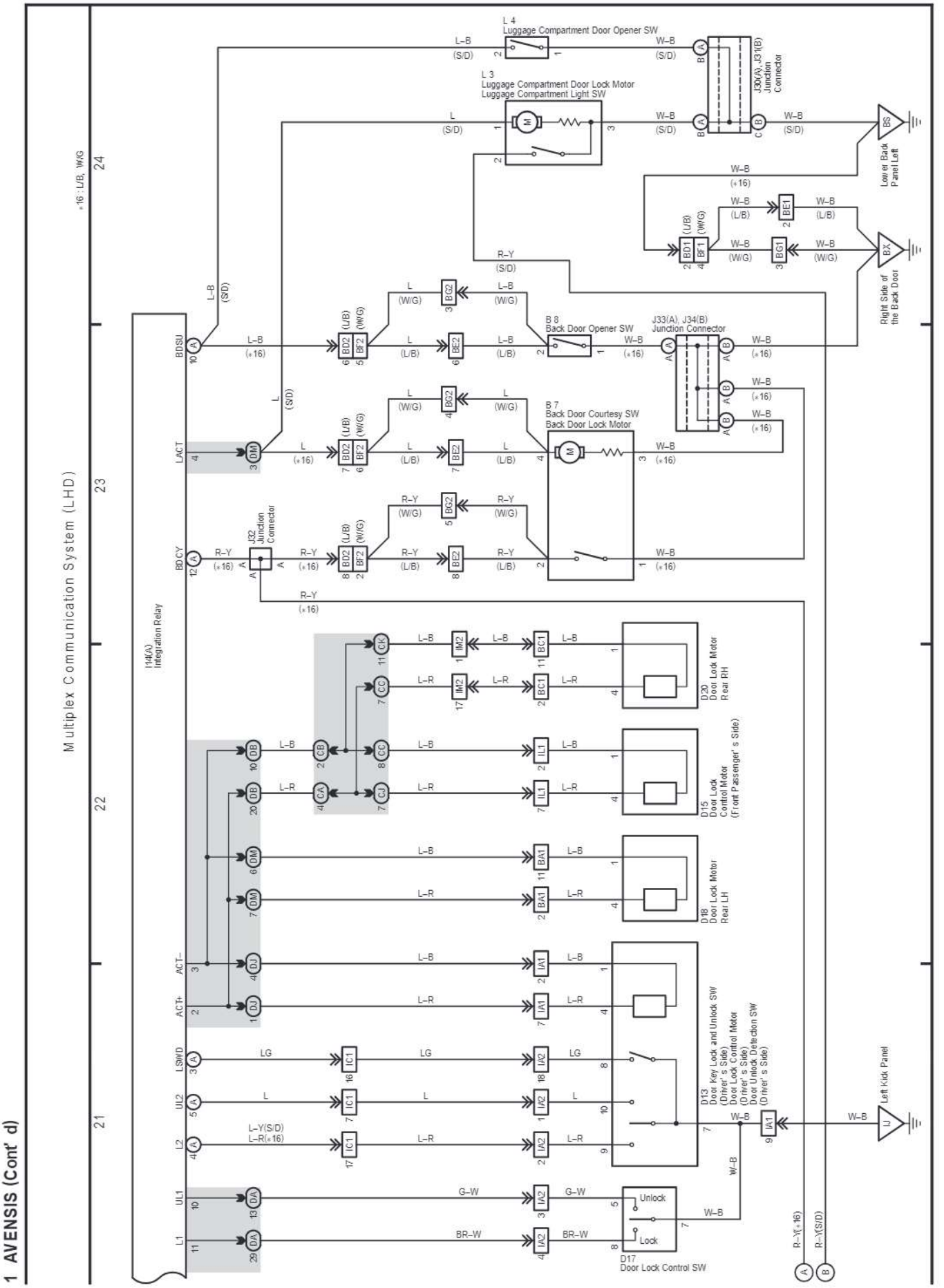


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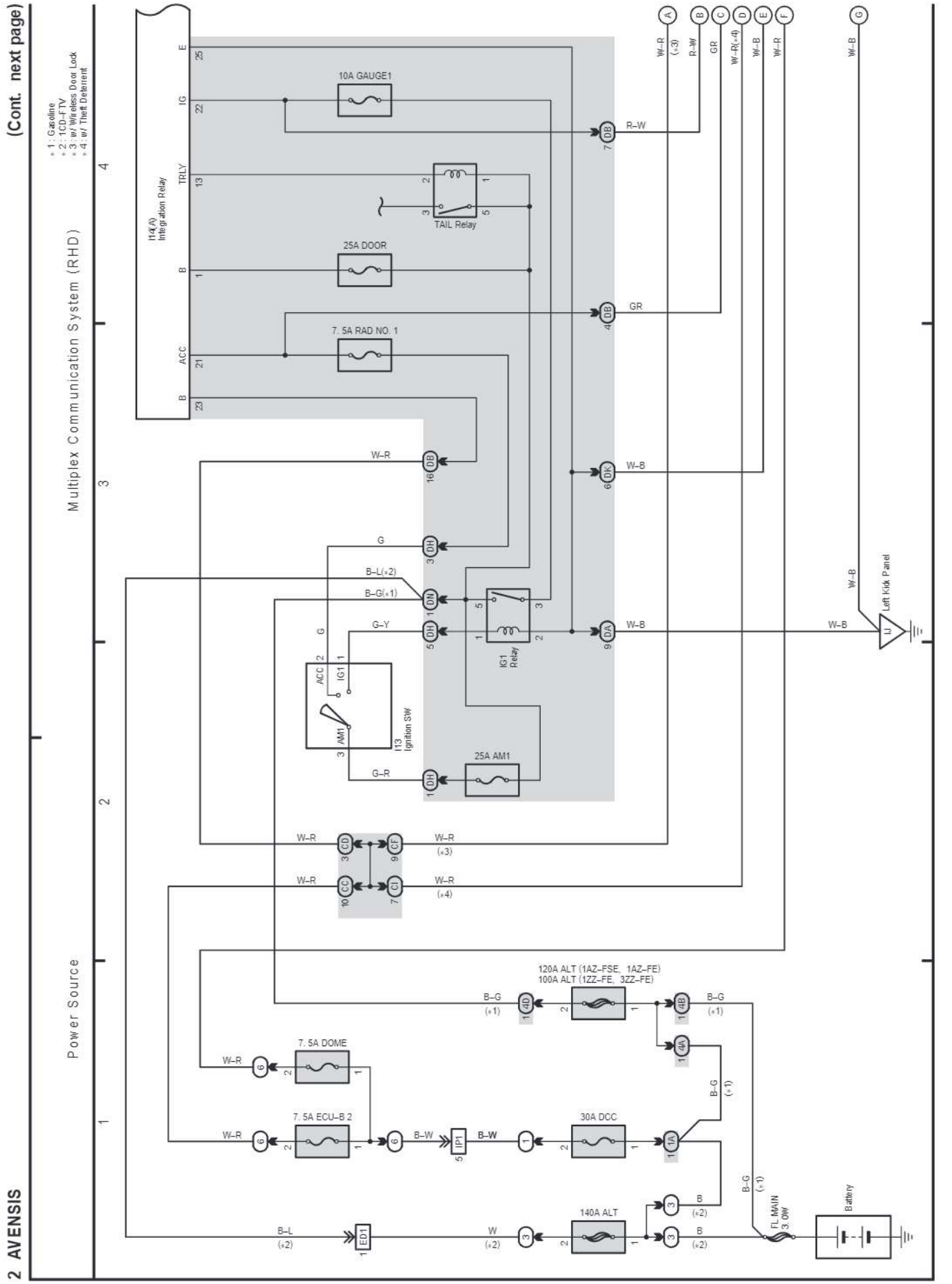

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1 AVENSIS (Cont' d)
Multiplex Communication System (LHD)
*1 : Gasoline
*2 : 1CD-FTV
*3 : w/ Daytime Running Light
*9 : w/ Engine Immobiliser System
*16 : LHD, W/G
Transponder Key Computer
<9-4>
U 1
Unlock Warning SW
J16
Junction
Connector
Instrument Panel
Reinforcement RH
Behind the
Combination Meter
D12
Door Courtesy SW
Rear RH
D11
Door Courtesy SW
Rear LH
D10
Door Courtesy SW
Front RH
D 9
Door Courtesy SW
Front LH
J10(A), J11(B)
Junction
Connector
I14(A)
Integration Relay
I16
Interior Light
D 7
Door Courtesy
Light LH
D 8
Door Courtesy
Light RH
J 6(A), J 7(B)
Junction
Connector
J32
Junction
Connector
L 5
Luggage
Compartment Light
R17
Rear Interior Light
D 3
Diode

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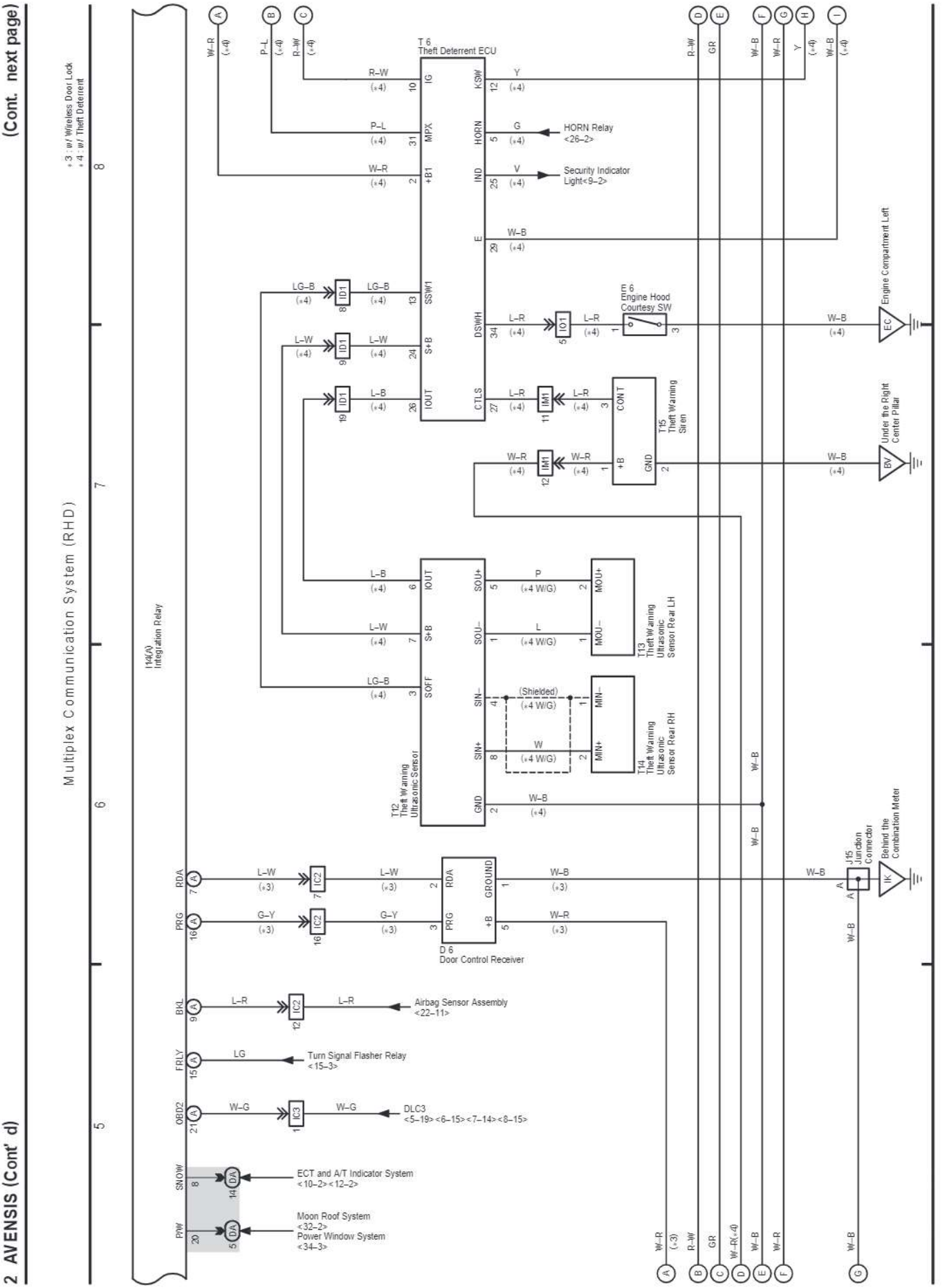
1 AVENSIS (Cont' d)



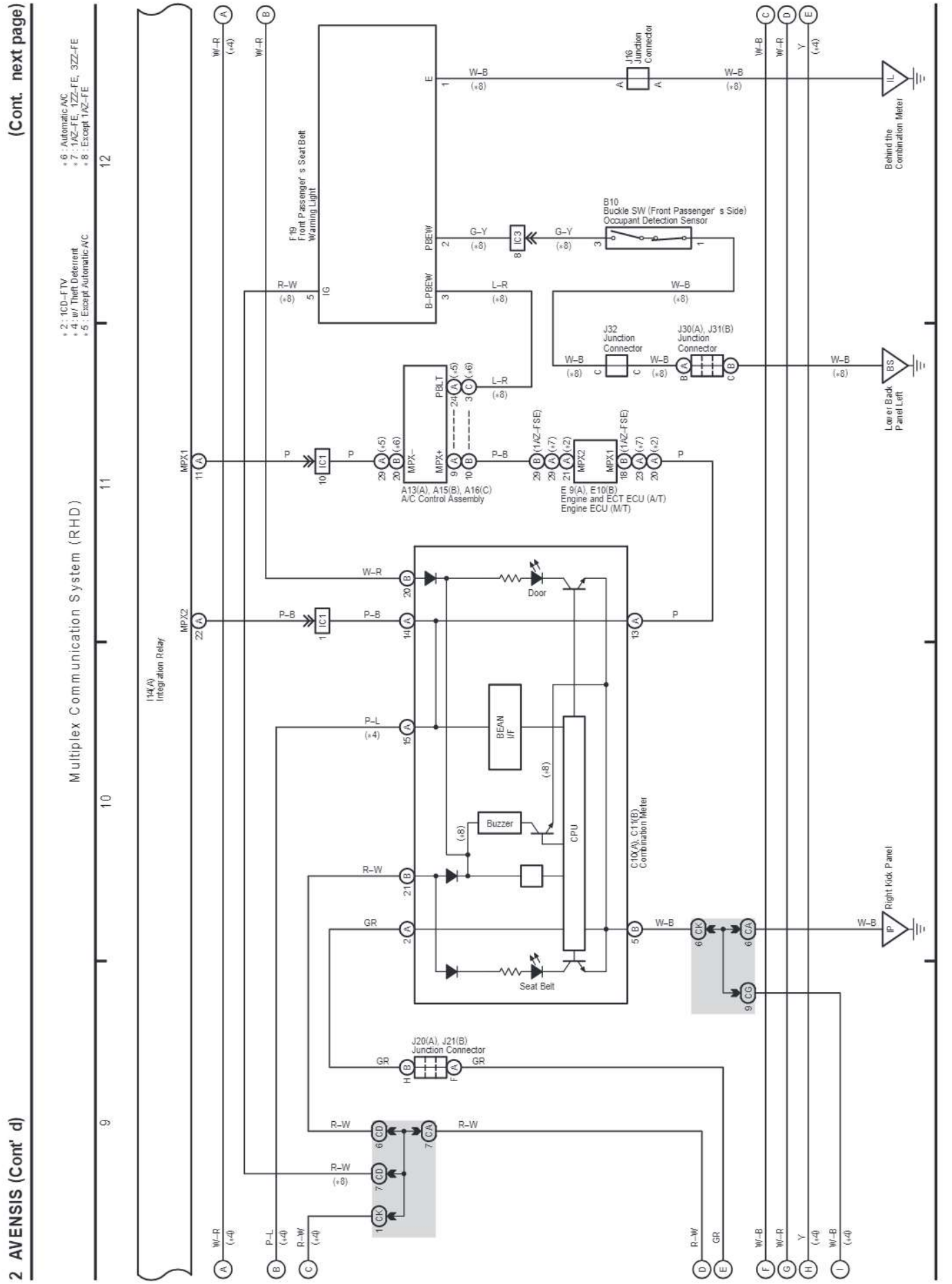
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(Cont. next page)
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : w/ Wireless Door Lock
* 4 : w/ Theft Deterrent
Multiplex Communication System (RHD)
Power Source
2 AVENSIS
I14(A) Integration Relay
10A GAUGE1
TAIL Relay
25A DOOR
7. 5A RAD NO. 1
IG1 Relay
I13 Ignition SW
25A AM1
7. 5A DOME
7. 5A ECU-B 2
30A DCC
120A ALT (1AZ-FSE, 1AZ-FE)
100A ALT (1ZZ-FE, 3ZZ-FE)
140A ALT
FL MAIN 3. 0W
Battery
Left Kick Panel
W-R (*3)
R-W
GR
W-R(*4)
W-B
W-R
W-B
W-B
W-B
R-W
GR
W-B
W-R
W-R
W-R
G
B-L(*2)
B-G(*1)
G-Y
G-R
W-R
W-R
B-G (*1)
B-G (*1)
B-G (*1)
B-W
B-L (*2)
W (*2)
B (*2)
B (*2)

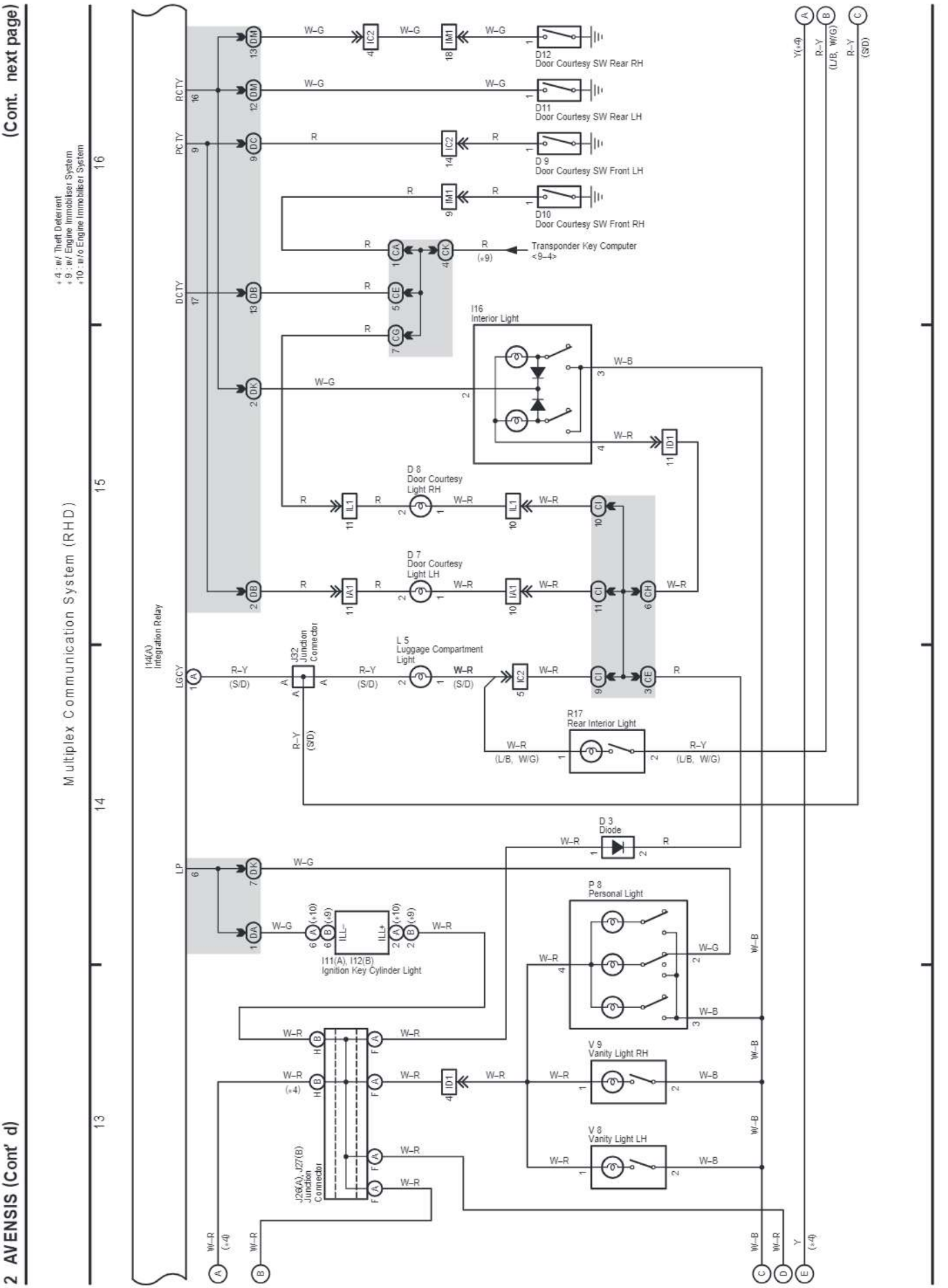
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2 AVENSIS (Cont' d)
(Cont. next page)
Multiplex Communication System (RHD)
*3 : w/ Wireless Door Lock
*4 : w/ Theft Deterrent
I14(A)
Integration Relay
T 6
Theft Deterrent ECU
HORN Relay
<26–2>
Security Indicator
Light<9–2>
Emm 6
Engine Hood
Courtesy SW
Engine Compartment Left
T15
Theft Warning
Siren
Under the Right
Center Pillar
T13
Theft Warning
Ultrasonic
Sensor Rear LH
T14
Theft Warning
Ultrasonic
Sensor Rear RH
T12
Theft Warning
Ultrasonic Sensor
J15
Junction
Connector
Behind the
Combination Meter
D 6
Door Control Receiver
Airbag Sensor Assembly
<22–11>
Turn Signal Flasher Relay
<15–3>
DLC3
<5–19><6–15><7–14><8–15>
ECT and A/T Indicator System
<10–2><12–2>
Moon Roof System
<32–2>
Power Window System
<34–3>

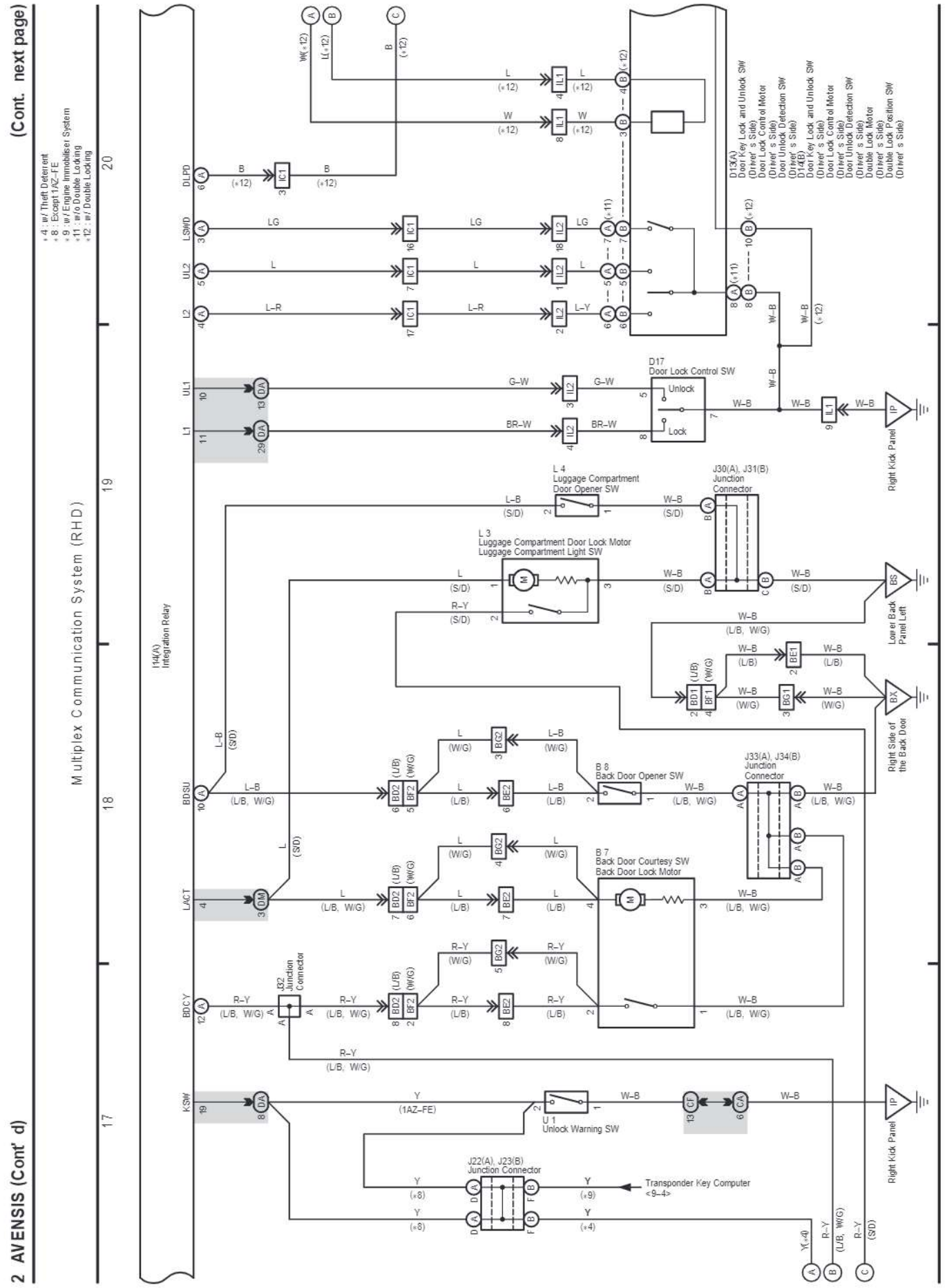
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2 AVENSIS (Cont' d)
(Cont. next page)
Multiplex Communication System (RHD)
* 2 : 1CD-FTV
* 4 : w/ Theft Deterrent
* 5 : Except Automatic A/C
* 6 : Automatic A/C
* 7 : 1AZ-FE, 1ZZ-FE, 3ZZ-FE
* 8 : Except 1AZ-FE
I14(A)
Integration Relay
F19
Front Passenger's Seat Belt Warning Light
B10
Buckle SW (Front Passenger's Side) Occupant Detection Sensor
J16
Junction Connector
J32
Junction Connector
J30(A), J31(B)
Junction Connector
J20(A), J21(B)
Junction Connector
A13(A), A15(B), A16(C)
A/C Control Assembly
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
C10(A), C11(B)
Combination Meter
Behind the Combination Meter
Lower Back Panel Left
Right Kick Panel
Door
Seat Belt
BEAN I/F
CPU
Buzzer
MPX1
MPX2
MPX+
MPX-
PBLT
W-R
P-B
P-L
R-W
GR
G-Y
L-R
W-B
P
Y
PBEW
B-PBEW
IG
IC1
IC3

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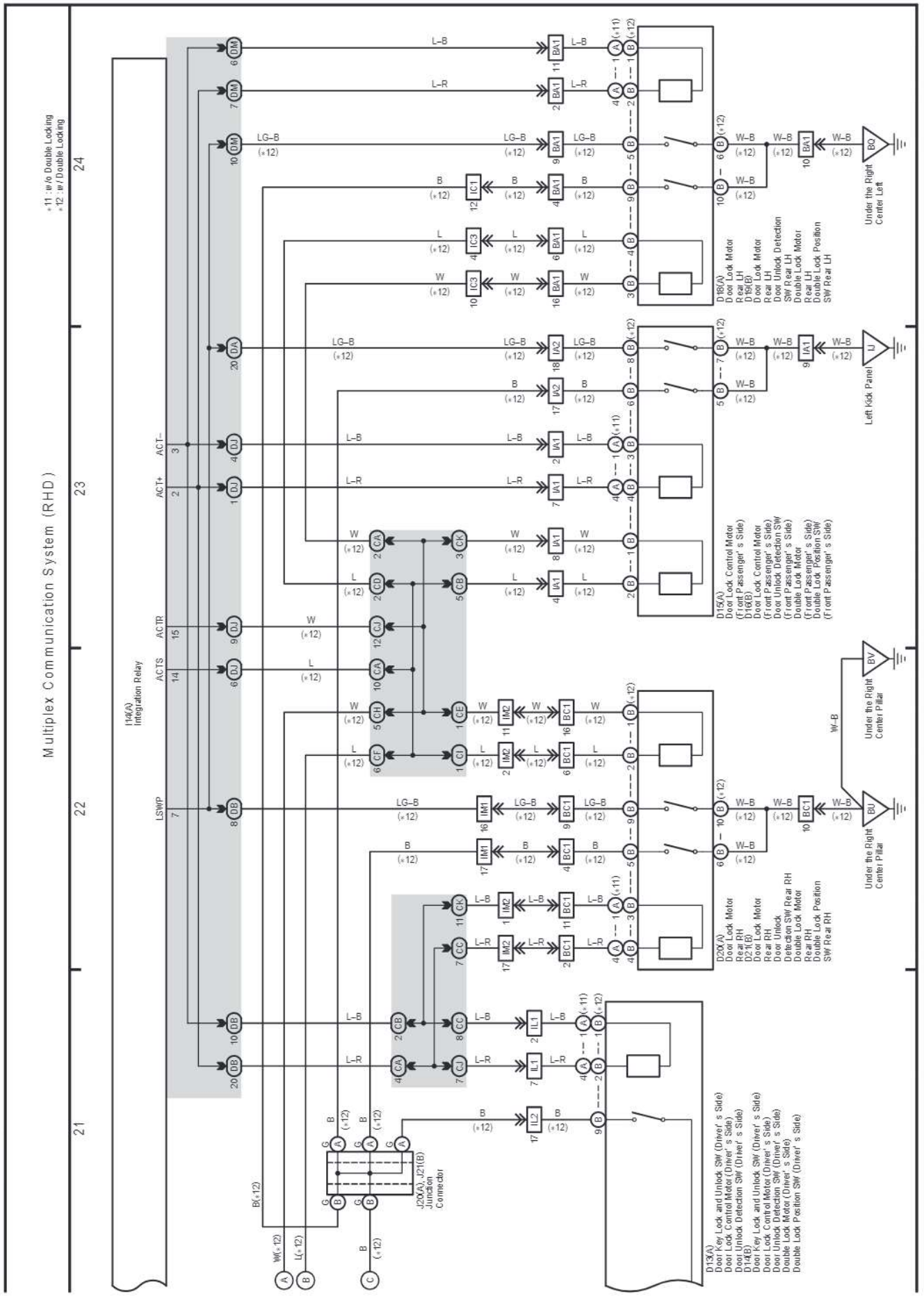

2 AVENSIS (Cont' d)
(Cont. next page)
Multiplex Communication System (RHD)
*4 : w/ Theft Deterrent
*9 : w/ Engine Immobiliser System
*10 : w/o Engine Immobiliser System
D12 Door Courtesy SW Rear RH
D11 Door Courtesy SW Rear LH
D 9 Door Courtesy SW Front LH
D10 Door Courtesy SW Front RH
Transponder Key Computer
I16 Interior Light
D 8 Door Courtesy Light RH
D 7 Door Courtesy Light LH
L 5 Luggage Compartment Light
R17 Rear Interior Light
D 3 Diode
P 8 Personal Light
V 9 Vanity Light RH
V 8 Vanity Light LH
I11(A), I12(B) Ignition Key Cylinder Light
I14(A) Integration Relay
J32 Junction Connector
J26(A), J27(B) Junction Connector

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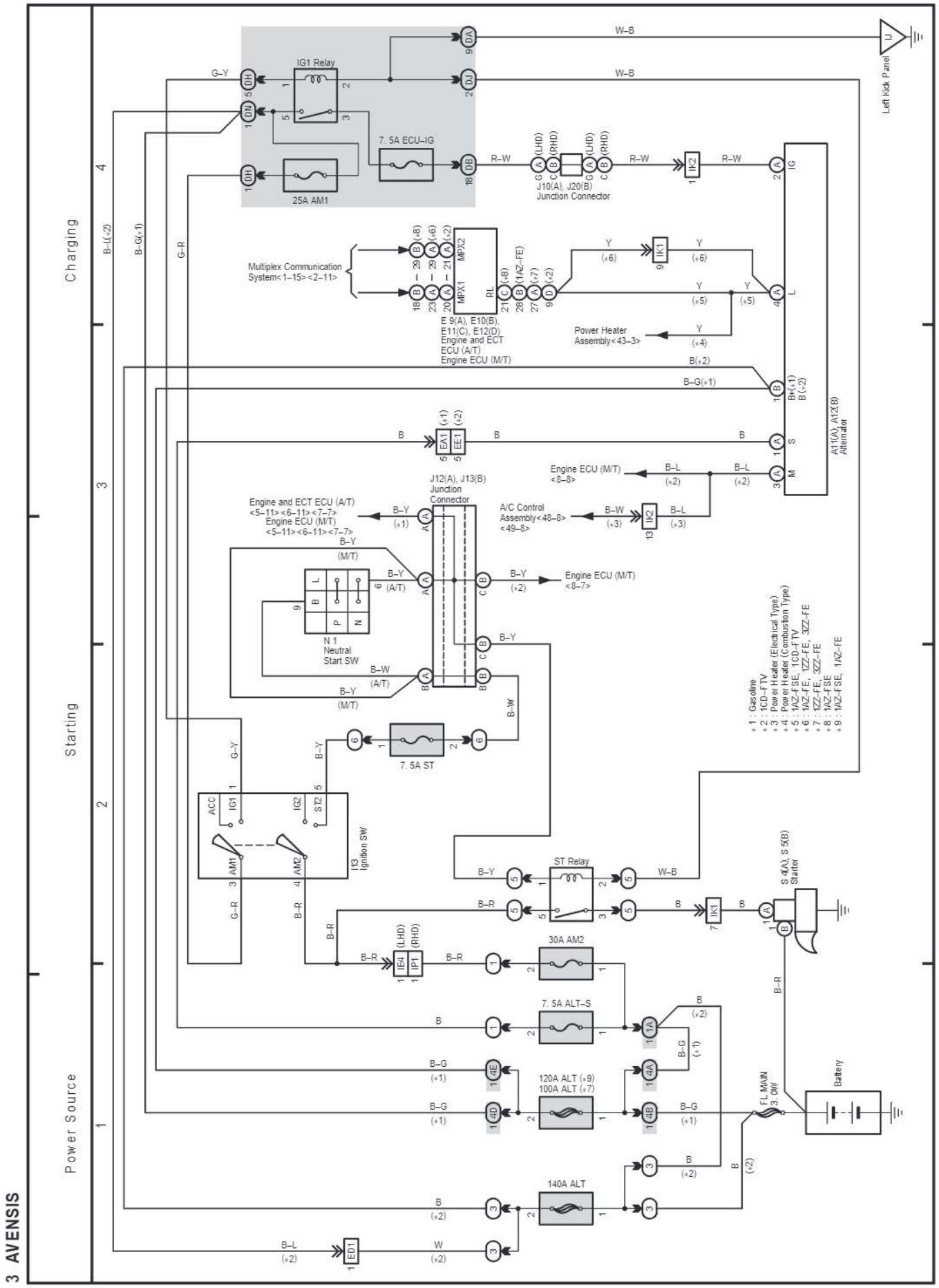

2 AVENSIS (Cont' d)
(Cont. next page)
Multiplex Communication System (RHD)
17
18
19
20
*4 : w/ Theft Deterrent
*8 : Except 1AZ-FE
*9 : w/ Engine Immobiliser System
*11 : w/o Double Locking
*12 : w/ Double Locking
I14(A) Integration Relay
D13(A) Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
D14(B) Door Key Lock and Unlock SW (Driver's Side)
Door Lock Control Motor (Driver's Side)
Door Unlock Detection SW (Driver's Side)
Double Lock Motor (Driver's Side)
Double Lock Position SW (Driver's Side)
D17 Door Lock Control SW
Unlock
Lock
Right Kick Panel
L 4 Luggage Compartment Door Opener SW
J30(A), J31(B) Junction Connector
L 3 Luggage Compartment Door Lock Motor Luggage Compartment Light SW
Lower Back Panel Left
Right Side of the Back Door
B 8 Back Door Opener SW
J33(A), J34(B) Junction Connector
B 7 Back Door Courtesy SW Back Door Lock Motor
J32 Junction Connector
U 1 Unlock Warning SW
J22(A), J23(B) Junction Connector
Transponder Key Computer
<9-4>

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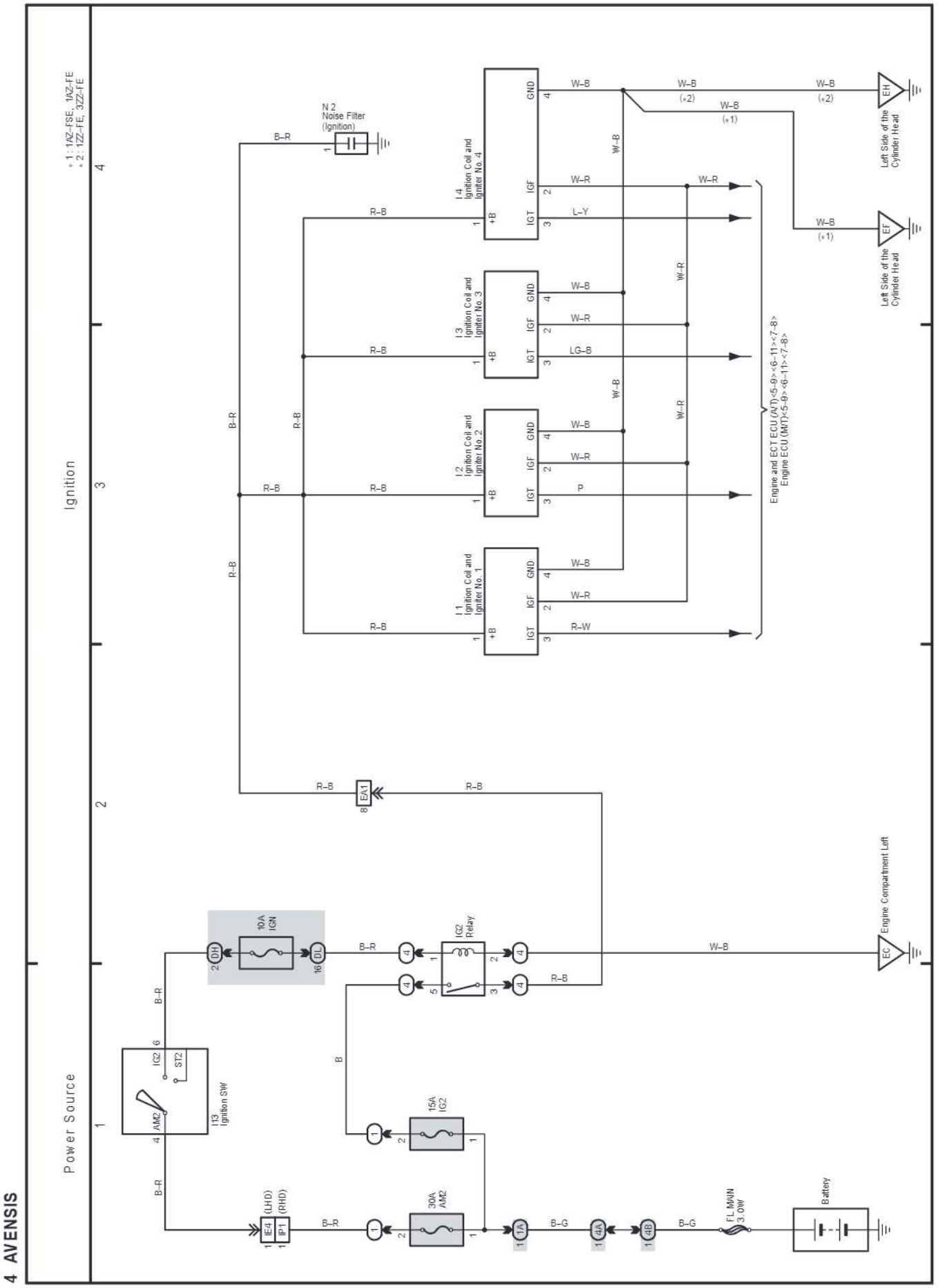
2 AVENSIS (Cont' d)



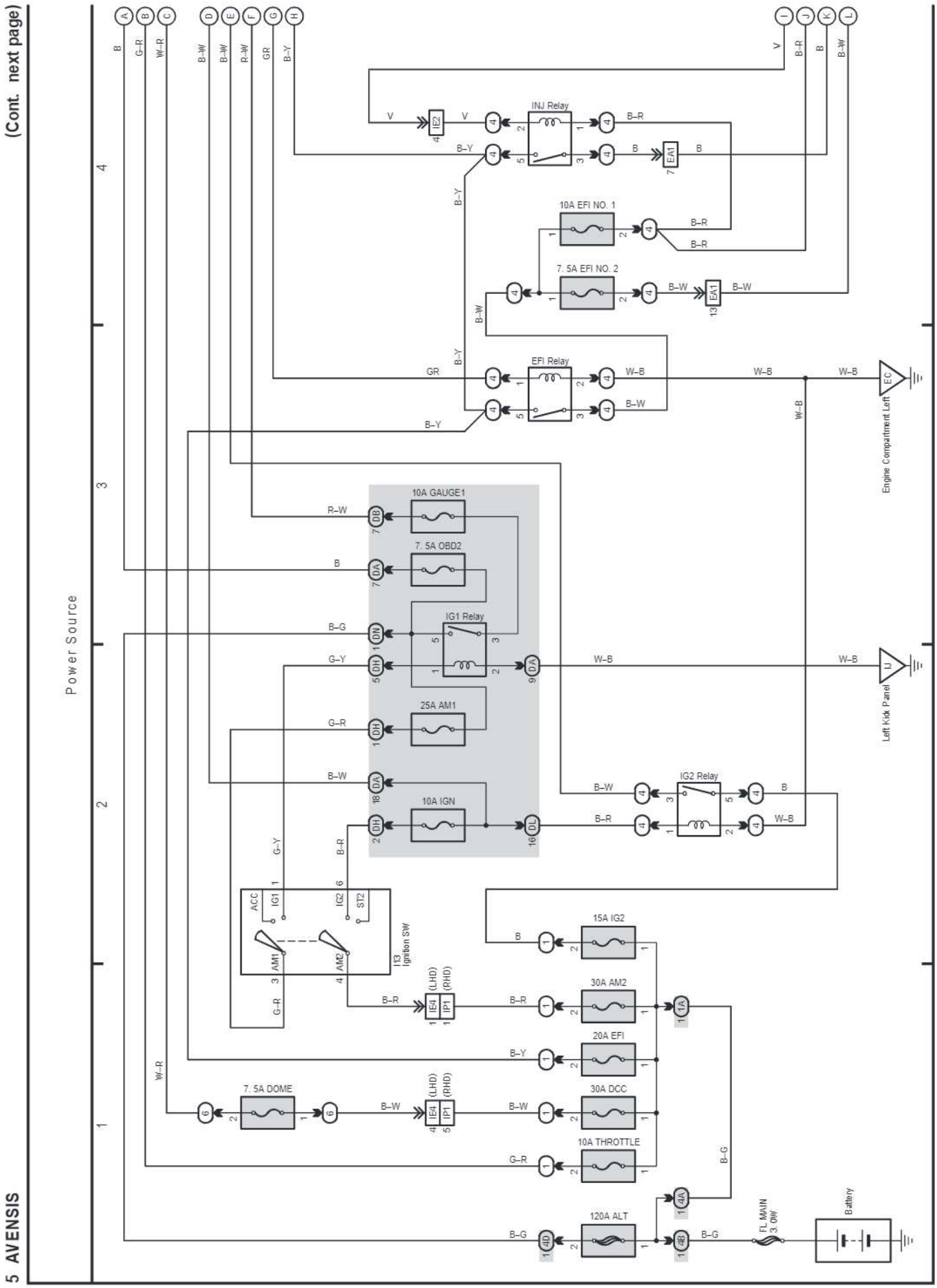
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Charging
Starting
Power Source
IG1 Relay
7. 5A ECU–IG
25A AM1
J10(A), J20(B) Junction Connector
Multiplex Communication System
E 9(A), E10(B), E11(C), E12(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
Power Heater Assembly
J12(A), J13(B) Junction Connector
Engine and ECT ECU (A/T)
Engine ECU (M/T)
A/C Control Assembly
N 1 Neutral Start SW
7. 5A ST
I13 Ignition SW
ST Relay
30A AM2
7. 5A ALT–S
120A ALT
100A ALT
140A ALT
A11(A), A12(B) Alternator
S 4(A), S 5(B) Starter
Left Kick Panel
Battery
FL MAIN
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : Power Heater (Electrical Type)
* 4 : Power Heater (Combustion Type)
* 5 : 1AZ–FSE, 1CD–FTV
* 6 : 1AZ–FE, 1ZZ–FE, 3ZZ–FE
* 7 : 1ZZ–FE, 3ZZ–FE
* 8 : 1AZ–FSE
* 9 : 1AZ–FSE, 1AZ–FE

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4 AVENSIS
* 1 : 1AZ-FSE, 1AZ-FE
* 2 : 1ZZ-FE, 3ZZ-FE
Power Source
Ignition
1
2
3
4
N 2
Noise Filter
(Ignition)
I 4
Ignition Coil and
Igniter No. 4
I 3
Ignition Coil and
Igniter No. 3
I 2
Ignition Coil and
Igniter No. 2
I 1
Ignition Coil and
Igniter No. 1
GND
IGF
IGT
+B
W–B
W–R
L–Y
LG–B
P
R–W
R–B
B–R
B
W–B (*2)
W–B (*1)
Left Side of the Cylinder Head
EH
EF
Engine and ECT ECU (A/T)<5–9><6–11><7–8>
Engine ECU (M/T)<5–9><6–11><7–8>
EA1
8
Engine Compartment Left
EC
10A
IGN
2 DH
16 DL
IG2
Relay
15A
IG2
30A
AM2
I13
Ignition SW
IG2
ST2
AM2
IE4 (LHD)
IP1 (RHD)
1A
4A
4B
F L MAIN
3 0W
Battery

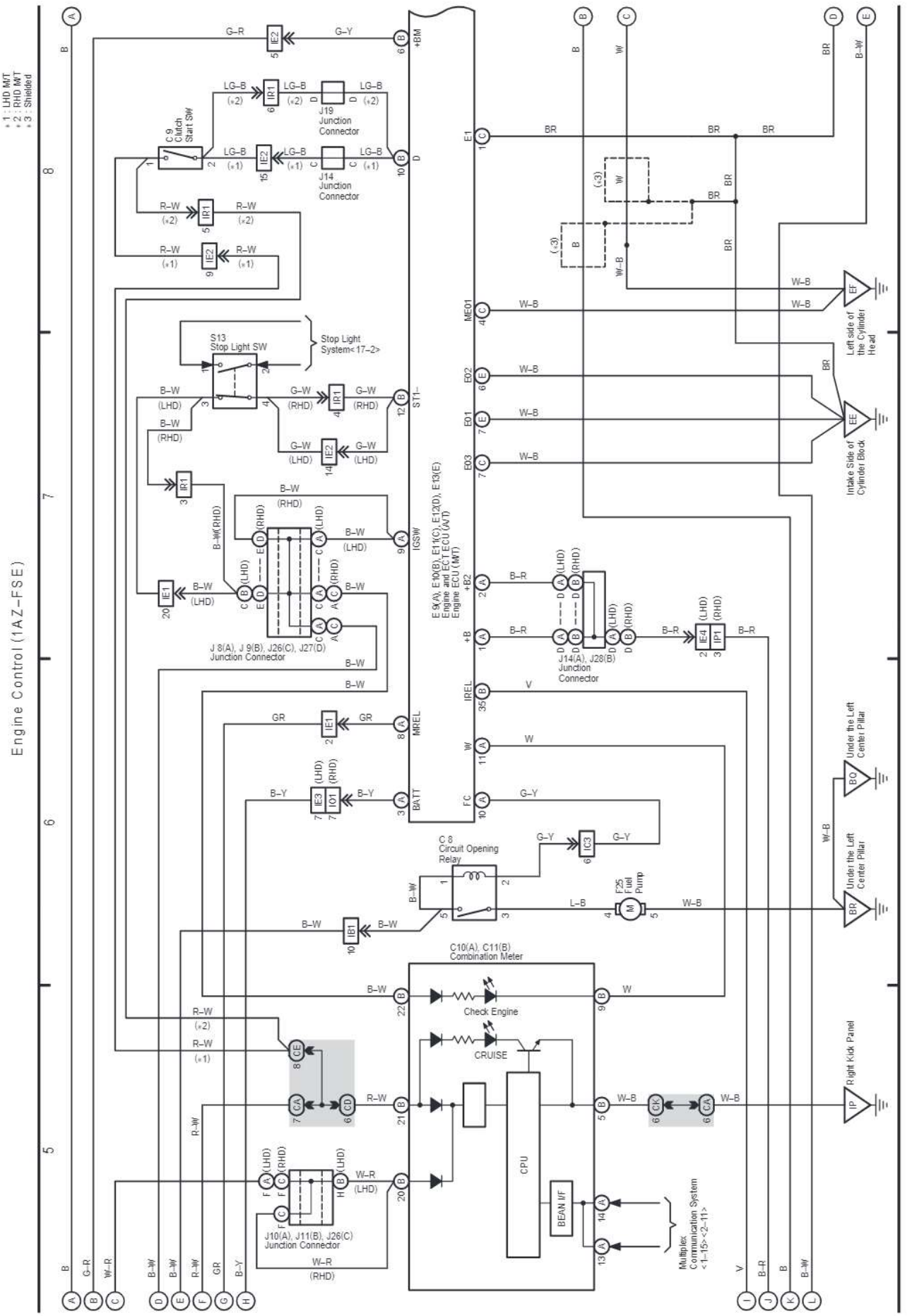
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(Cont. next page)
Power Source
INJ Relay
10A EFI NO. 1
7. 5A EFI NO. 2
EFI Relay
10A GAUGE1
7. 5A OBD2
IG1 Relay
25A AM1
10A IGN
IG2 Relay
15A IG2
30A AM2
20A EFI
7. 5A DOME
30A DCC
10A THROTTLE
120A ALT
ACC
IG1
IG2
ST2
AM1
AM2
I13
Ignition SW
(LHD)
(RHD)
Engine Compartment Left
Left Kick Panel
Battery
FL MAIN
3. 0W
5 AVENSIS

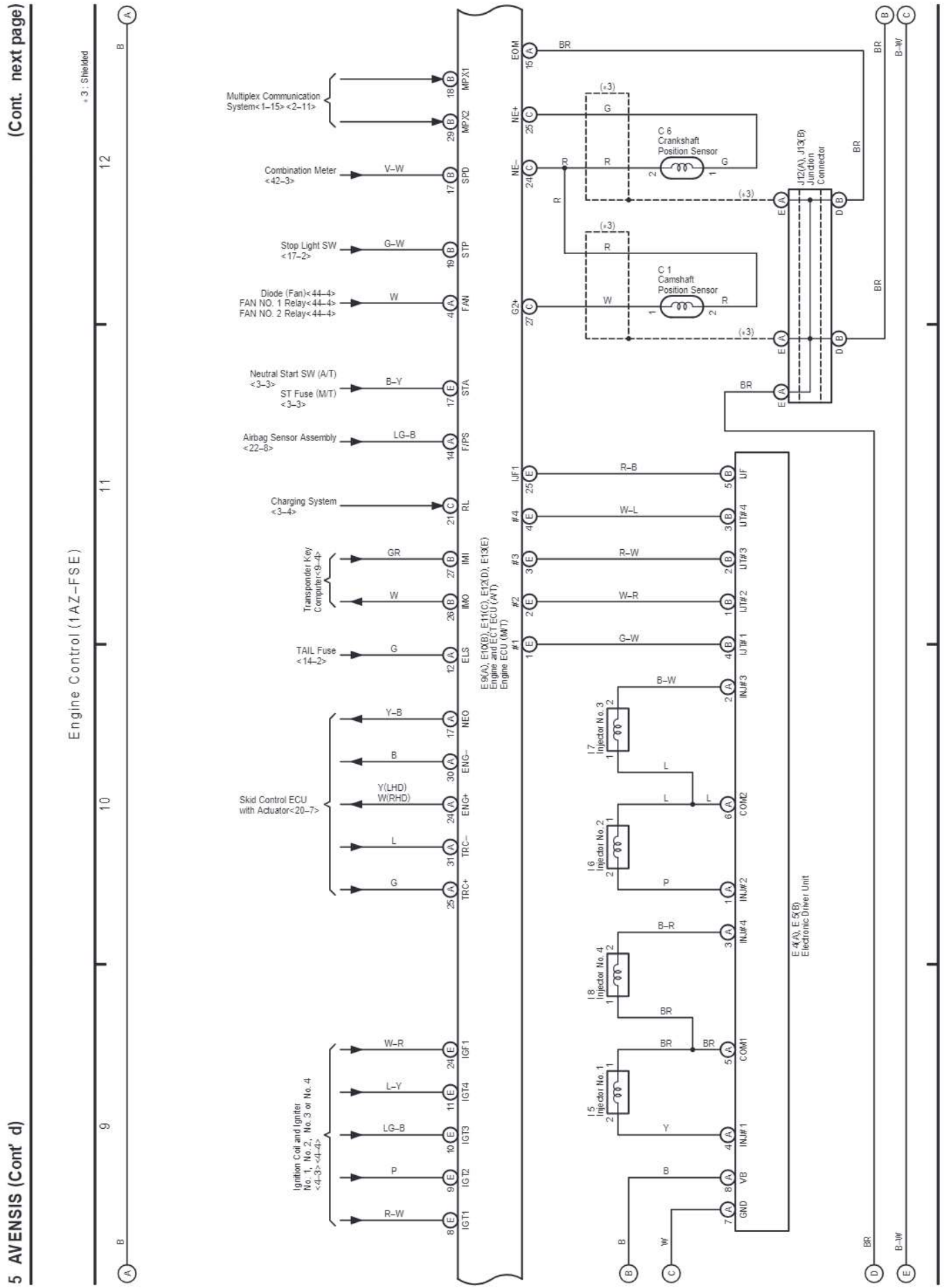
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5 AVENSIS (Cont' d)

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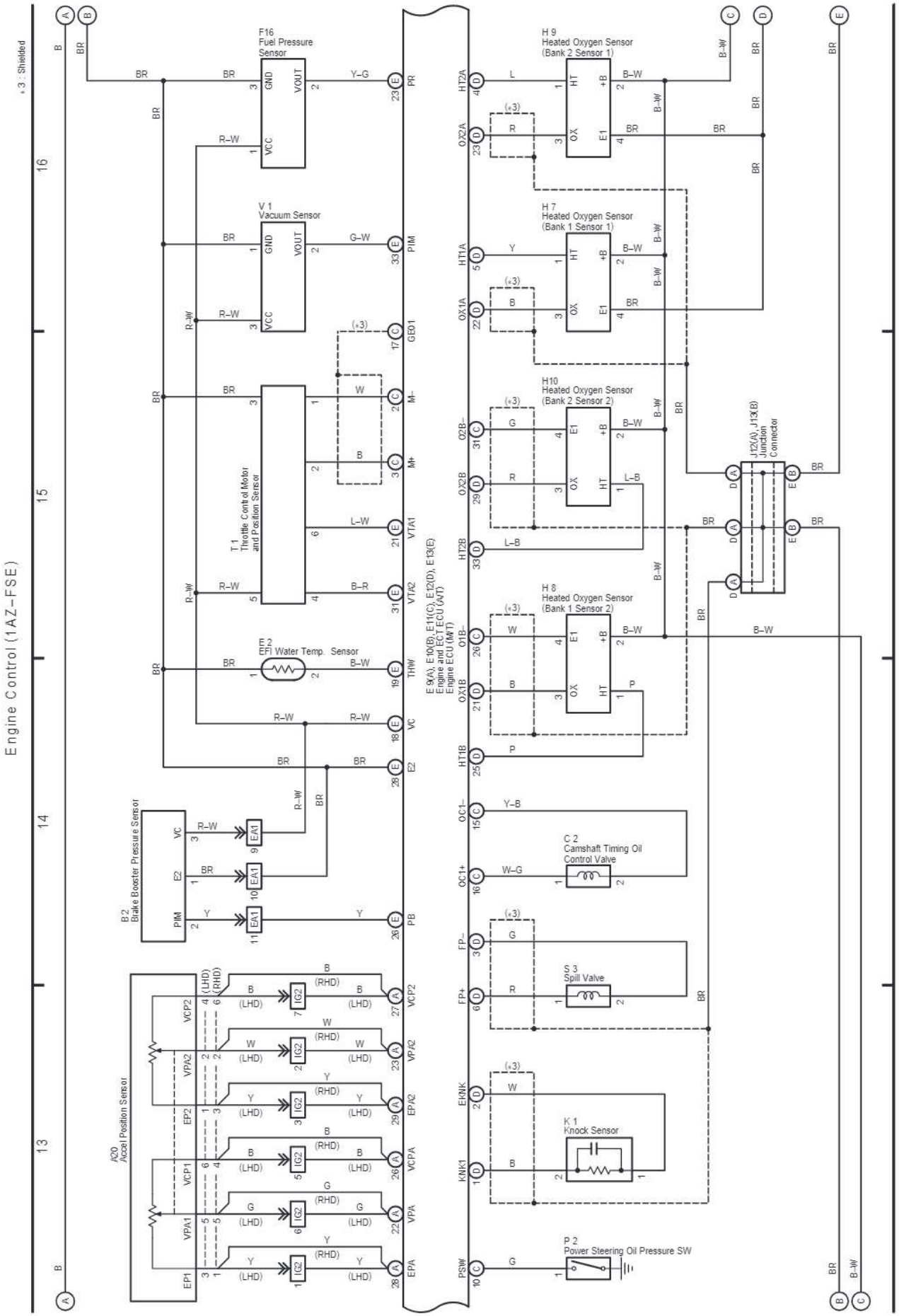
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5 AVENSIS (Cont' d)
(Cont. next page)
Engine Control (1AZ–FSE)
*3: Shielded
Multiplex Communication System<1–15><2–11>
Combination Meter <42–3>
Stop Light SW <17–2>
Diode (Fan)<44–4>
FAN NO. 1 Relay<44–4>
FAN NO. 2 Relay<44–4>
Neutral Start SW (A/T) <3–3>
ST Fuse (M/T) <3–3>
Airbag Sensor Assembly <22–8>
Charging System <3–4>
Transponder Key Computer<9–4>
TAIL Fuse <14–2>
Skid Control ECU with Actuator<20–7>
Ignition Coil and Igniter No. 1, No. 2, No. 3 or No. 4 <4–3><4–4>
E9(A), E10(B), E11(C), E12(D), E13(E) Engine and ECT ECU (A/T) Engine ECU (M/T)
C 6 Crankshaft Position Sensor
C 1 Camshaft Position Sensor
J12(A), J13(B) Junction Connector
E 4(A), E 5(B) Electronic Driver Unit
I5 Injector No. 1
I6 Injector No. 2
I7 Injector No. 3
I8 Injector No. 4

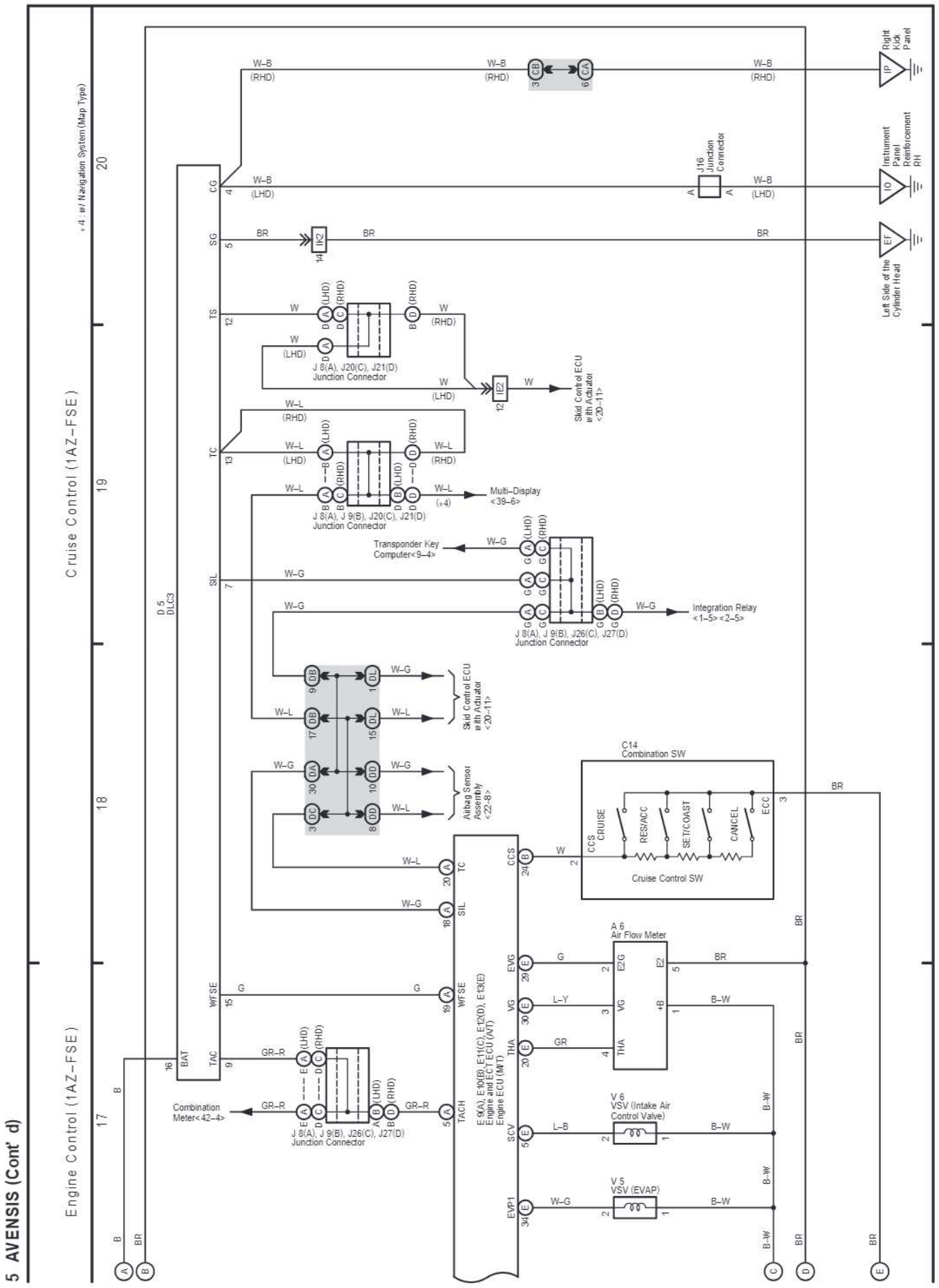
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5 AVENSIS (Cont' d)

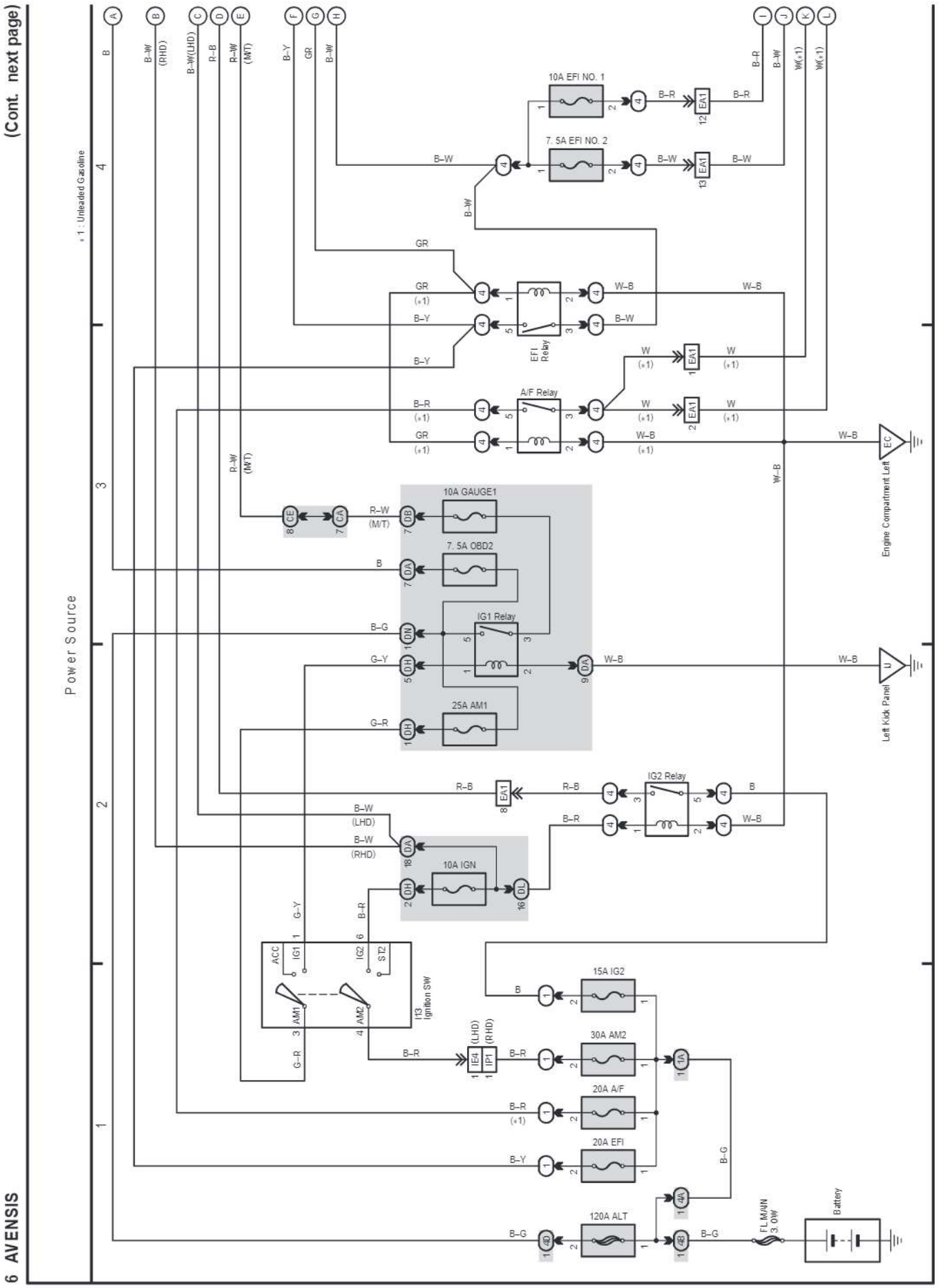
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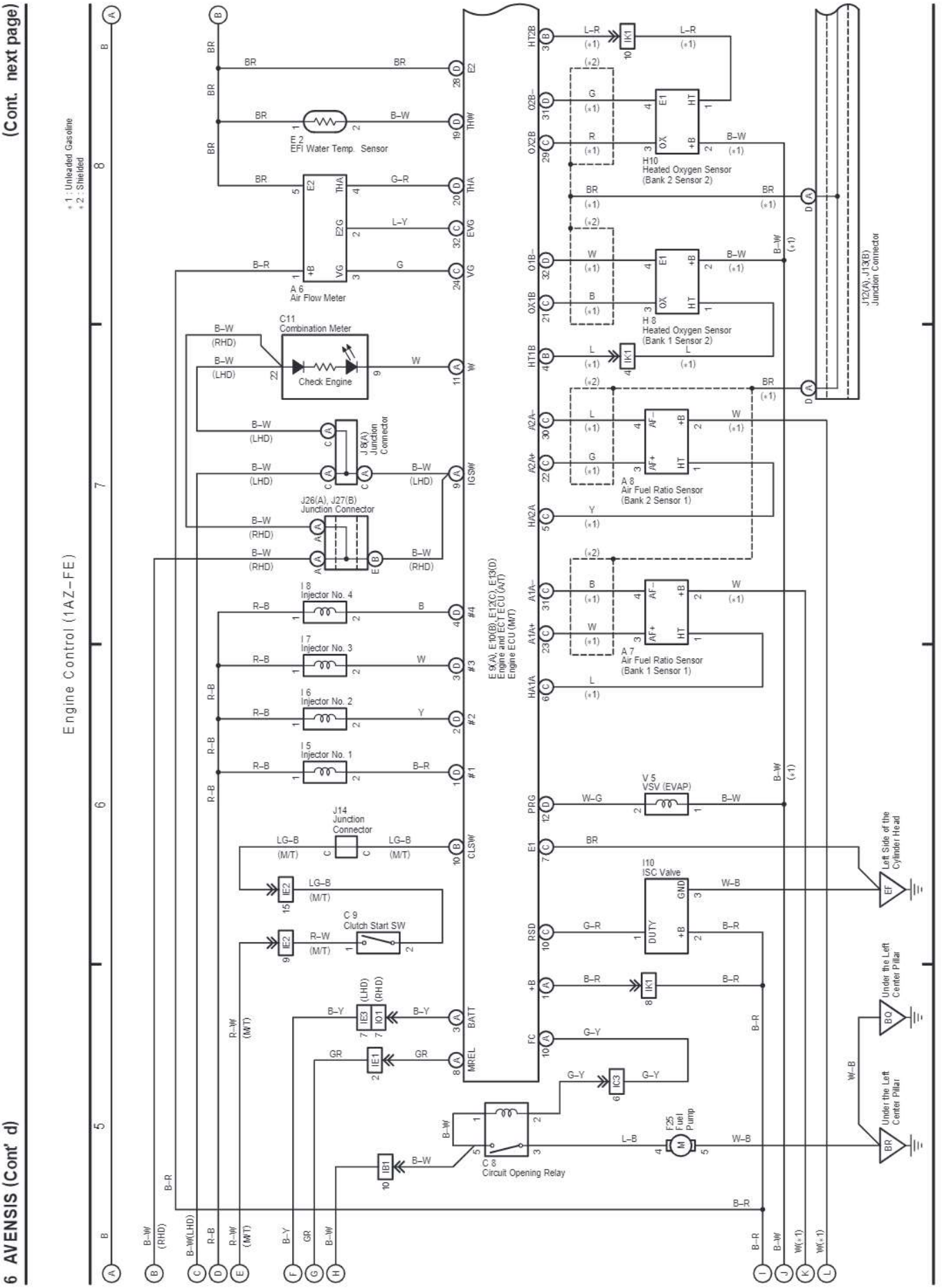
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5 AVENSIS (Cont' d)
Engine Control (1AZ–FSE)
Cruise Control (1AZ–FSE)
* 4 : w/ Navigation System (Map Type)
17
18
19
20
D 5
DLC3
BAT
TAC
WfSE
CG
SG
TS
TC
SIL
W–B (RHD)
W–B (LHD)
BR
W
W–L
W–G
GR–R
G
L–Y
L–B
B–W
B–W
Right Kick Panel
Instrument Panel Reinforcement RH
Left Side of the Cylinder Head
J16 Junction Connector
IK2
IE2
Skid Control ECU with Actuator <20–11>
J 8(A), J20(C), J21(D) Junction Connector
J 8(A), J 9(B), J20(C), J21(D) Junction Connector
Multi–Display <39–6>
Transponder Key Computer<9–4>
J 8(A), J 9(B), J26(C), J27(D) Junction Connector
Integration Relay <1–5> <2–5>
Airbag Sensor Assembly <22–8>
C14 Combination SW
CCS CRUISE
RES/ACC
SET/COAST
CANCEL
ECC
Cruise Control SW
A 6 Air Flow Meter
E2G
VG
THA
+B
E2
V 6 VSV (Intake Air Control Valve)
V 5 VSV (EVAP)
Combination Meter<42–4>
TACH
SCV
EVP1
EVG
CCS
E9(A), E10(B), E11(C), E12(D), E13(E) Engine and ECT ECU (A/T) Engine ECU (M/T)

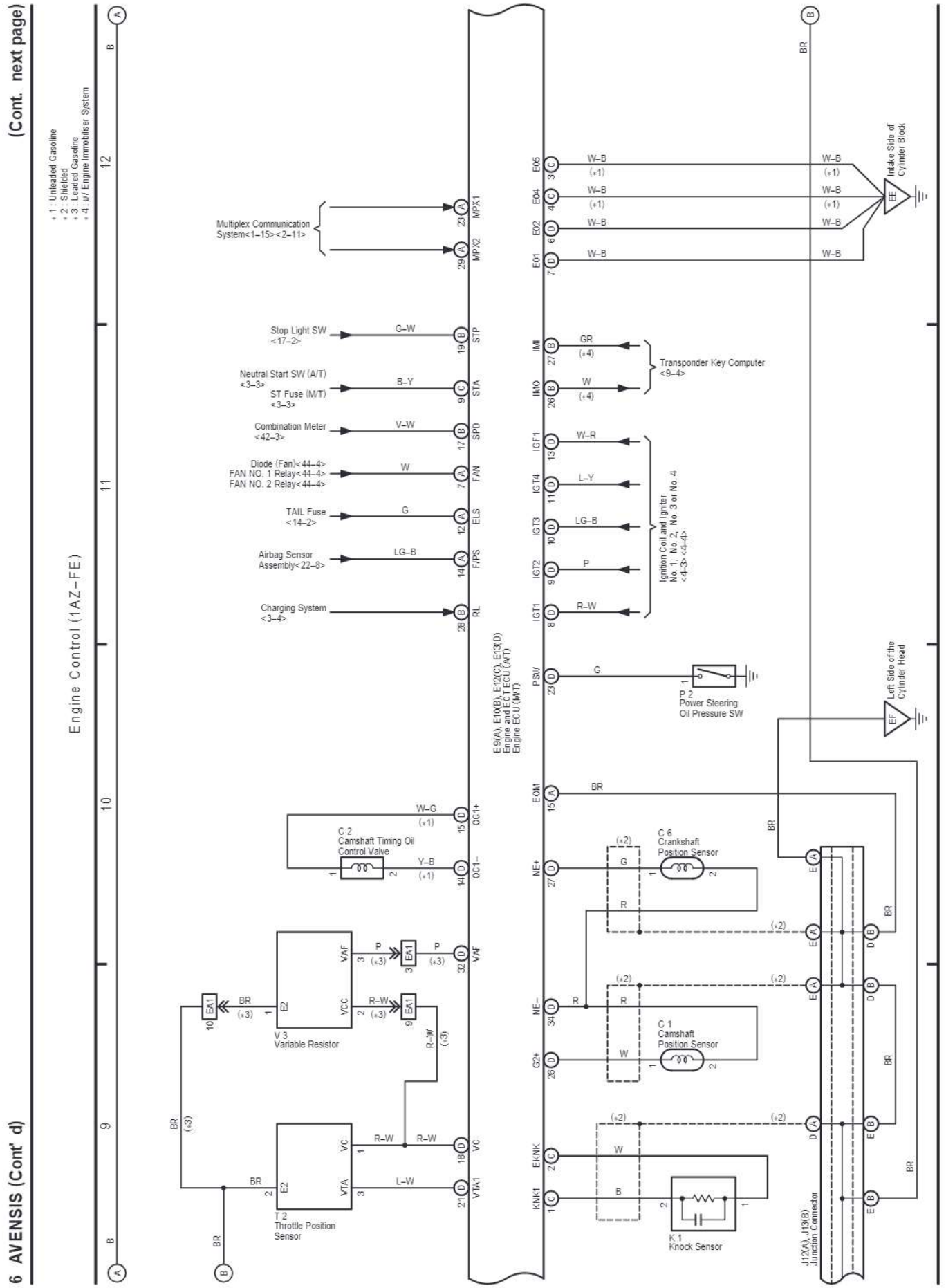
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(Cont. next page)
* 1 : Unleaded Gasoline
Power Source
10A EFI NO. 1
7. 5A EFI NO. 2
EFI Relay
A/F Relay
10A GAUGE1
7. 5A OBD2
IG1 Relay
25A AM1
IG2 Relay
10A IGN
15A IG2
30A AM2
20A A/F
20A EFI
120A ALT
I13 Ignition SW
Engine Compartment Left
Left Kick Panel
Battery
6 AVENSIS

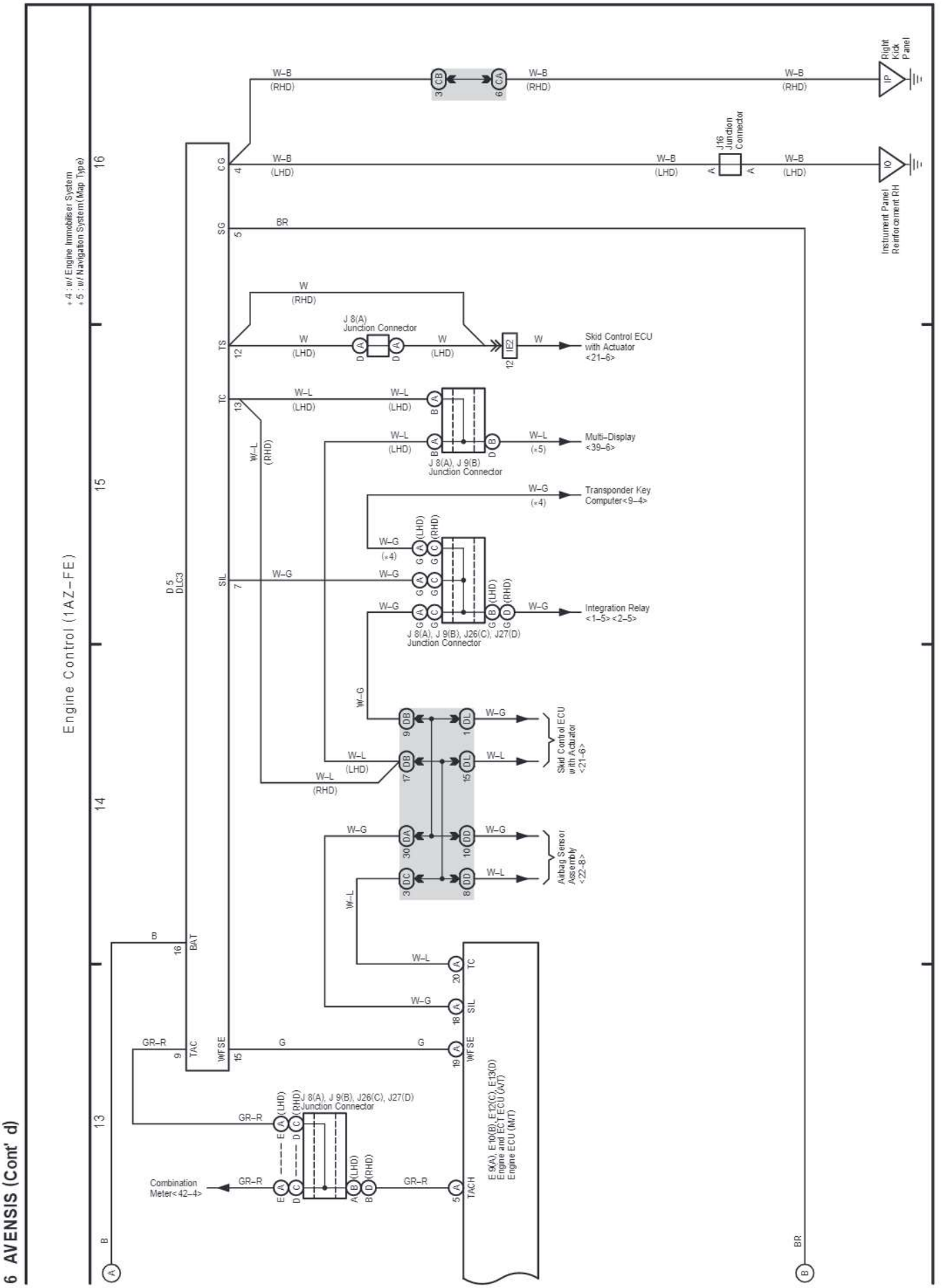
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6 AVENSIS (Cont' d)
(Cont. next page)
Engine Control (1AZ–FE)
*1 : Unleaded Gasoline
*2 : Shielded
E 2
EFI Water Temp. Sensor
A 6
Air Flow Meter
C11
Combination Meter
Check Engine
J8(A)
Junction Connector
J26(A), J27(B)
Junction Connector
I 8
Injector No. 4
I 7
Injector No. 3
I 6
Injector No. 2
I 5
Injector No. 1
J14
Junction Connector
C 9
Clutch Start SW
C 8
Circuit Opening Relay
F25
Fuel Pump
E 9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
H10
Heated Oxygen Sensor
(Bank 2 Sensor 2)
H 8
Heated Oxygen Sensor
(Bank 1 Sensor 2)
A 8
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
A 7
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
V 5
VSV (EVAP)
I10
ISC Valve
J12(A), J13(B)
Junction Connector
Left Side of the Cylinder Head
Under the Left Center Pillar
Under the Left Center Pillar

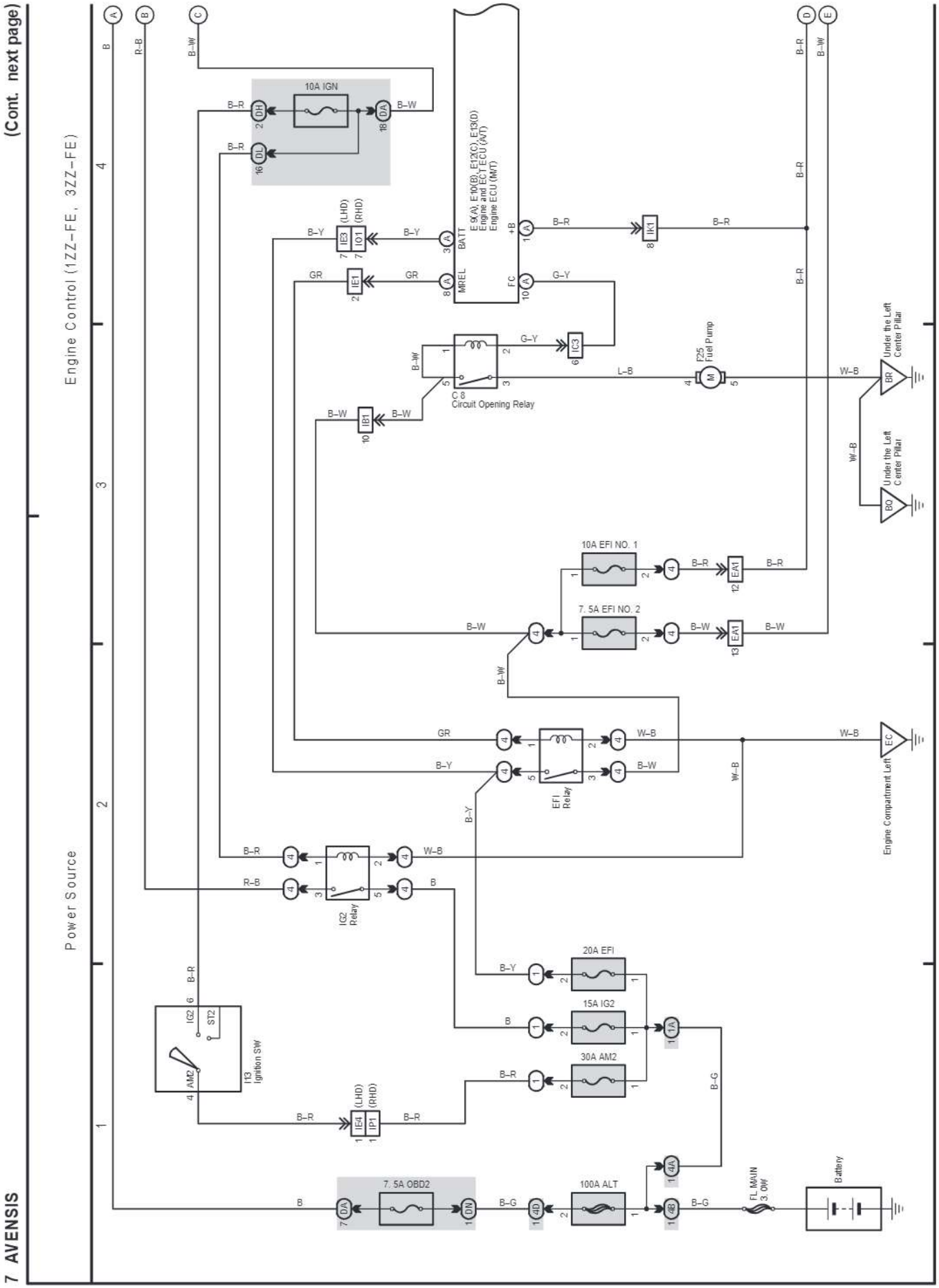
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(Cont. next page)
6 AVENSIS (Cont' d)
*1: Unleaded Gasoline
*2: Shielded
*3: Leaded Gasoline
*4: w/ Engine Immobiliser System
Engine Control (1AZ–FE)
Multiplex Communication System<1–15><2–11>
Stop Light SW <17–2>
Neutral Start SW (A/T) <3–3>
ST Fuse (M/T) <3–3>
Combination Meter <42–3>
Diode (Fan)<44–4>
FAN NO. 1 Relay<44–4>
FAN NO. 2 Relay<44–4>
TAIL Fuse <14–2>
Airbag Sensor Assembly<22–8>
Charging System <3–4>
E9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
Transponder Key Computer <9–4>
Ignition Coil and Igniter
No. 1, No. 2, No. 3 or No. 4
<4–3><4–4>
P 2
Power Steering Oil Pressure SW
C 2
Camshaft Timing Oil Control Valve
V 3
Variable Resistor
T 2
Throttle Position Sensor
C 6
Crankshaft Position Sensor
C 1
Camshaft Position Sensor
K 1
Knock Sensor
Intake Side of Cylinder Block
Left Side of the Cylinder Head
J12(A), J13(B)
Junction Connector

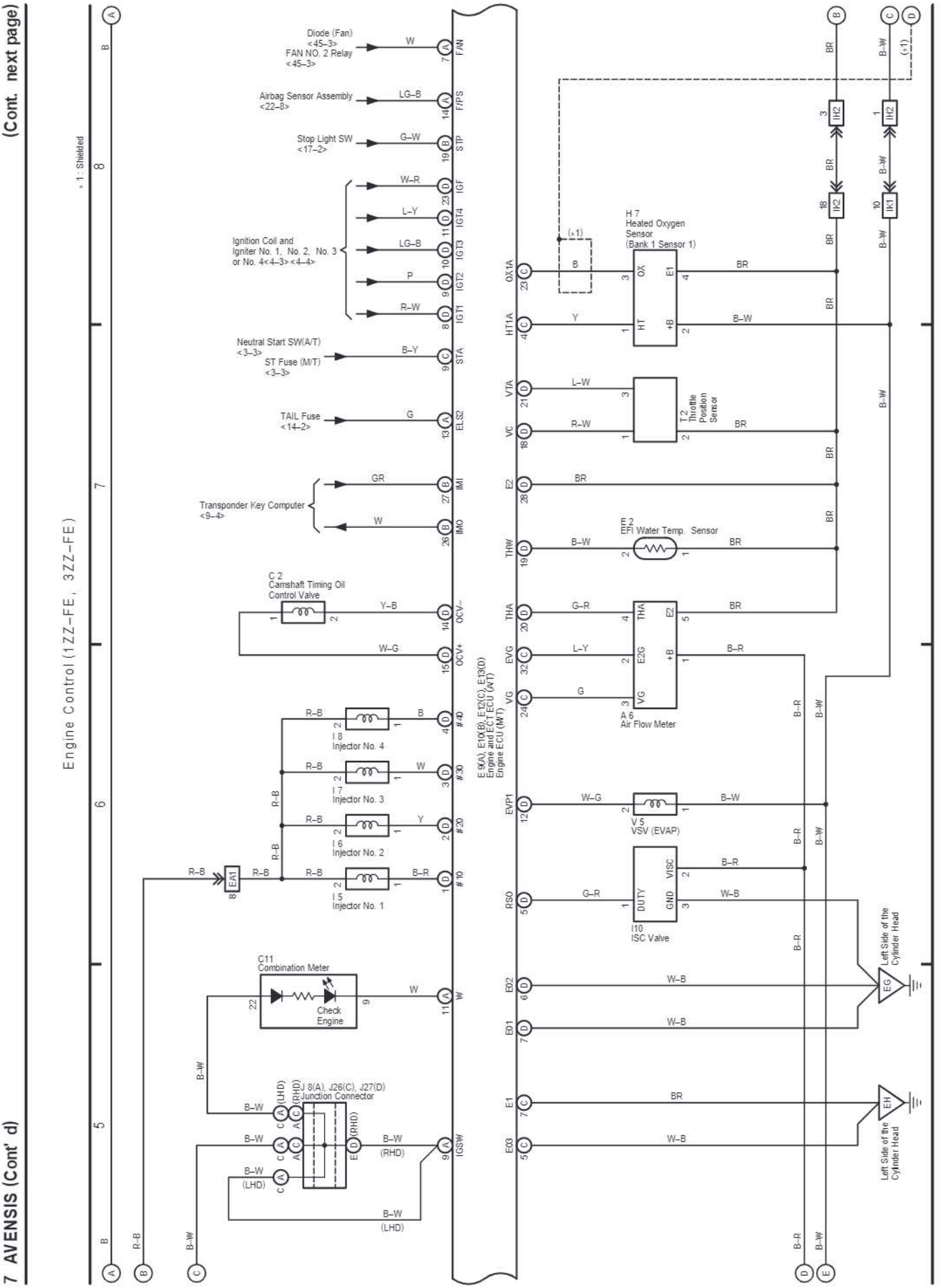
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6 AVENSIS (Cont' d)
Engine Control (1AZ–FE)
*4 : w/ Engine Immobiliser System
*5 : w/ Navigation System (Map Type)
Right Kick Panel
Instrument Panel Reinforcement RH
J16 Junction Connector
J 8(A) Junction Connector
Skid Control ECU with Actuator <21–6>
Multi–Display <39–6>
J 8(A), J 9(B) Junction Connector
Transponder Key Computer <9–4>
Integration Relay <1–5> <2–5>
J 8(A), J 9(B), J26(C), J27(D) Junction Connector
Airbag Sensor Assembly <22–8>
Combination Meter <42–4>
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
DLC3

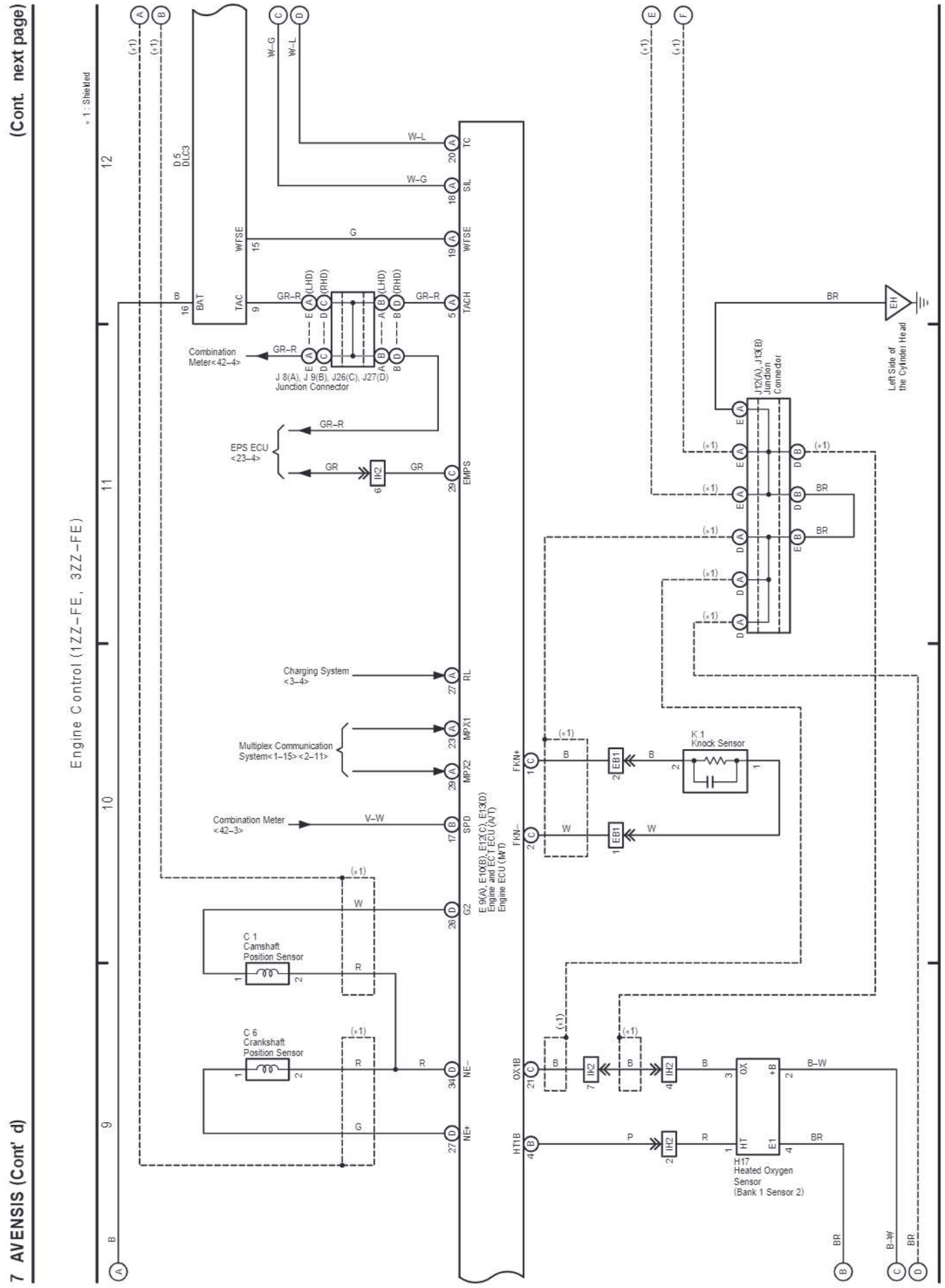
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(Cont. next page)
Engine Control (1ZZ-FE, 3ZZ-FE)
Power Source
10A IGN
E9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
BATT
+B
MREL
FC
C 8
Circuit Opening Relay
F25
Fuel Pump
Under the Left Center Pillar
10A EFI NO. 1
7. 5A EFI NO. 2
EFI Relay
Engine Compartment Left
IG2 Relay
20A EFI
15A IG2
30A AM2
I13
Ignition SW
7. 5A OBD2
100A ALT
FL MAIN
Battery
7 AVENSIS

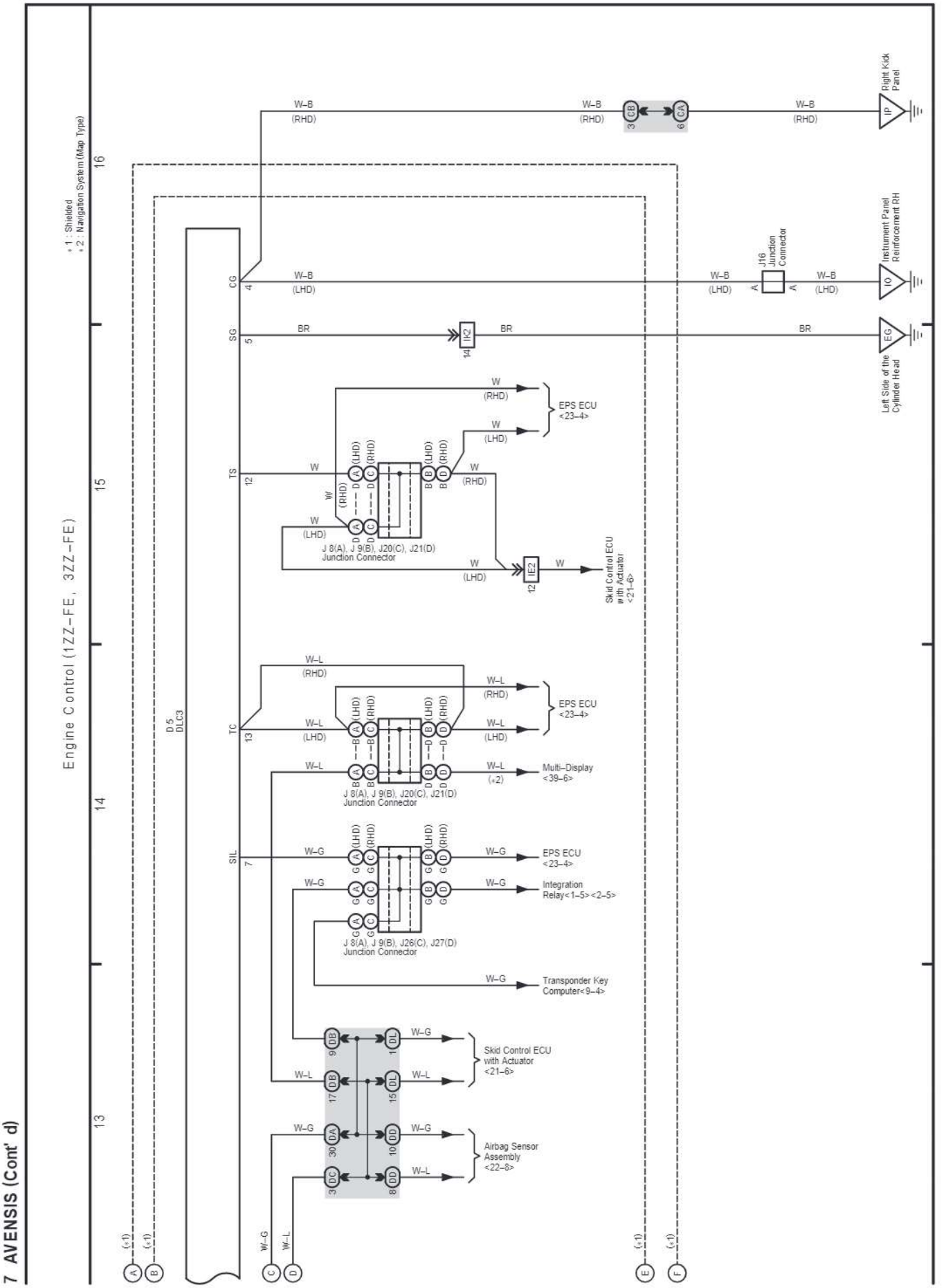
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7 AVENSIS (Cont' d)
(Cont. next page)
Engine Control (1ZZ–FE, 3ZZ–FE)
*1 : Shielded
Diode (Fan) <45–3>
FAN NO. 2 Relay <45–3>
Airbag Sensor Assembly <22–8>
Stop Light SW <17–2>
Ignition Coil and Igniter No. 1, No. 2, No. 3 or No. 4<4–3><4–4>
Neutral Start SW(A/T) <3–3>
ST Fuse (M/T) <3–3>
TAIL Fuse <14–2>
Transponder Key Computer <9–4>
C 2 Camshaft Timing Oil Control Valve
I 8 Injector No. 4
I 7 Injector No. 3
I 6 Injector No. 2
I 5 Injector No. 1
C11 Combination Meter
Check Engine
J 8(A), J26(C), J27(D) Junction Connector
(LHD)
(RHD)
H 7 Heated Oxygen Sensor (Bank 1 Sensor 1)
T 2 Throttle Position Sensor
E 2 EFI Water Temp. Sensor
A 6 Air Flow Meter
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
V 5 VSV (EVAP)
I10 ISC Valve
Left Side of the Cylinder Head
Left Side of the Cylinder Head

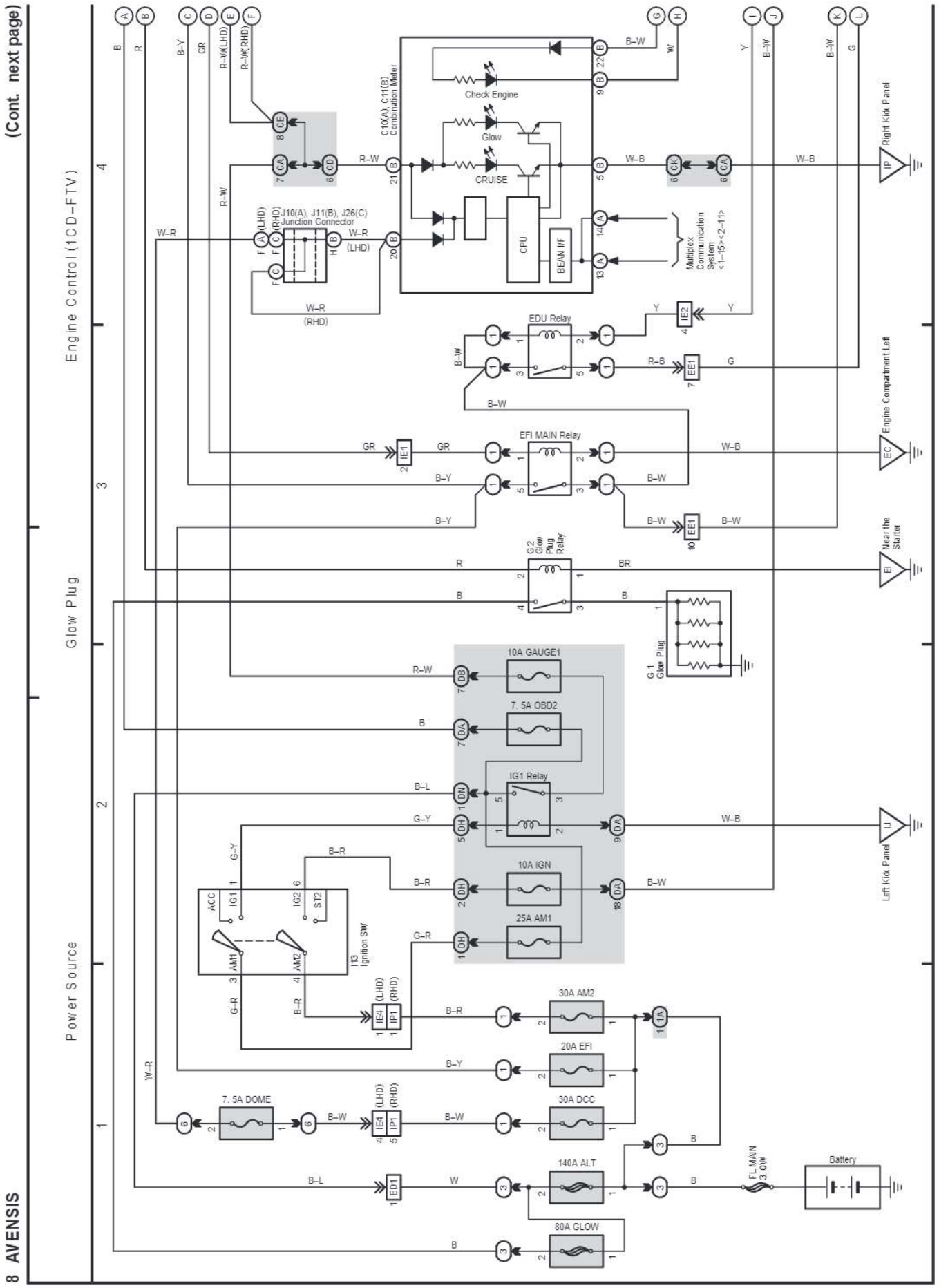
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(Cont. next page)
7 AVENSIS (Cont' d)
Engine Control (1ZZ–FE, 3ZZ–FE)
* 1 : Shielded
D 5
DLC3
W–L
W–G
G
GR–R
V–W
W
R
P
B
BR
B–W
GR
W/FSE
BAT
TAC
TACH
TC
SIL
EMPS
RL
MPX1
MPX2
SPD
G2
NE–
NE+
OX1B
HT1B
FKN+
FKN–
+B
OX
HT
E1
Combination Meter<42–4>
J 8(A), J 9(B), J26(C), J27(D) Junction Connector
EPS ECU <23–4>
Charging System <3–4>
Multiplex Communication System<1–15><2–11>
Combination Meter <42–3>
E 9(A), E10(B), E12(C), E13(D) Engine and ECT ECU (A/T) Engine ECU (M/T)
C 1 Camshaft Position Sensor
C 6 Crankshaft Position Sensor
K 1 Knock Sensor
H17 Heated Oxygen Sensor (Bank 1 Sensor 2)
J12(A), J13(B) Junction Connector
Left Side of the Cylinder Head
EH
IH2
EB1

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7 AVENSIS (Cont' d)
Engine Control (1ZZ–FE, 3ZZ–FE)
*1 : Shielded
*2 : Navigation System (Map Type)
Right Kick Panel
Instrument Panel Reinforcement RH
J16 Junction Connector
Left Side of the Cylinder Head
EPS ECU <23–4>
J 8(A), J 9(B), J20(C), J21(D) Junction Connector
Skid Control ECU with Actuator <21–6>
Multi–Display <39–6>
J 8(A), J 9(B), J26(C), J27(D) Junction Connector
Integration Relay<1–5> <2–5>
Transponder Key Computer<9–4>
Airbag Sensor Assembly <22–8>
D 5 DLC3
W–B (RHD)
W–B (LHD)
BR
W (RHD)
W (LHD)
W–L (RHD)
W–L (LHD)
W–G
W–L
W–L (+2)
CG
SG
TS
TC
SIL
IP
IO
EG
IK2
IE2
CB
CA
IA
IC
ID
IL

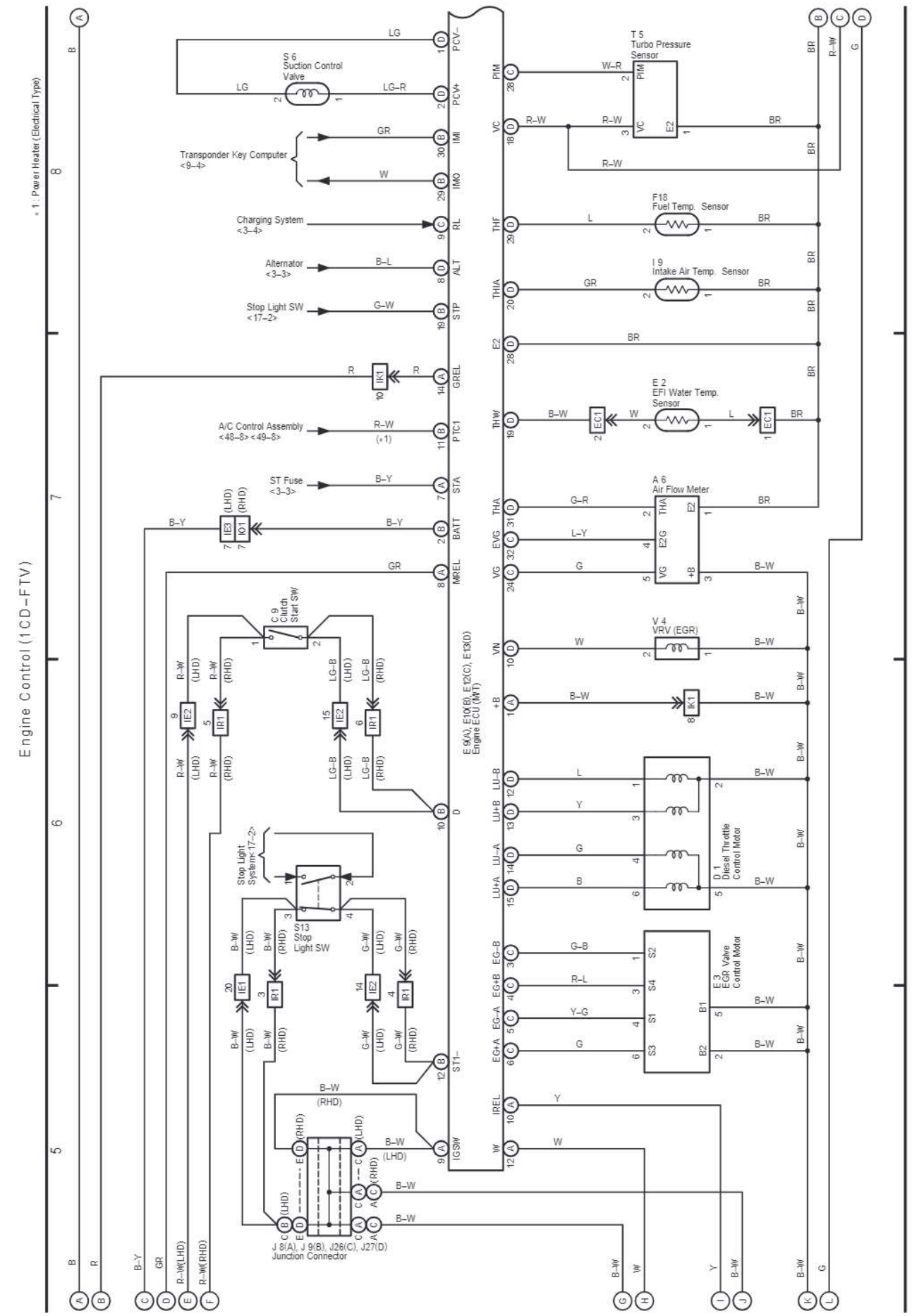
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(Cont. next page)
Engine Control (1CD-FTV)
Glow Plug
Power Source
C10(A), C11(B) Combination Meter
Check Engine
Glow
CRUISE
CPU
BEAN I/F
Multiplex Communication System <1-15><2-11>
J10(A), J11(B), J26(C) Junction Connector
EDU Relay
EFI MAIN Relay
G2 Glow Plug Relay
G1 Glow Plug
10A GAUGE1
7.5A OBD2
IG1 Relay
10A IGN
25A AM1
30A AM2
20A EFI
30A DCC
7.5A DOME
140A ALT
80A GLOW
FL MAIN 3 OW
Battery
113 Ignition SW
Right Kick Panel
Engine Compartment Left
Near the Starter
Left Kick Panel
8 AVENSIS

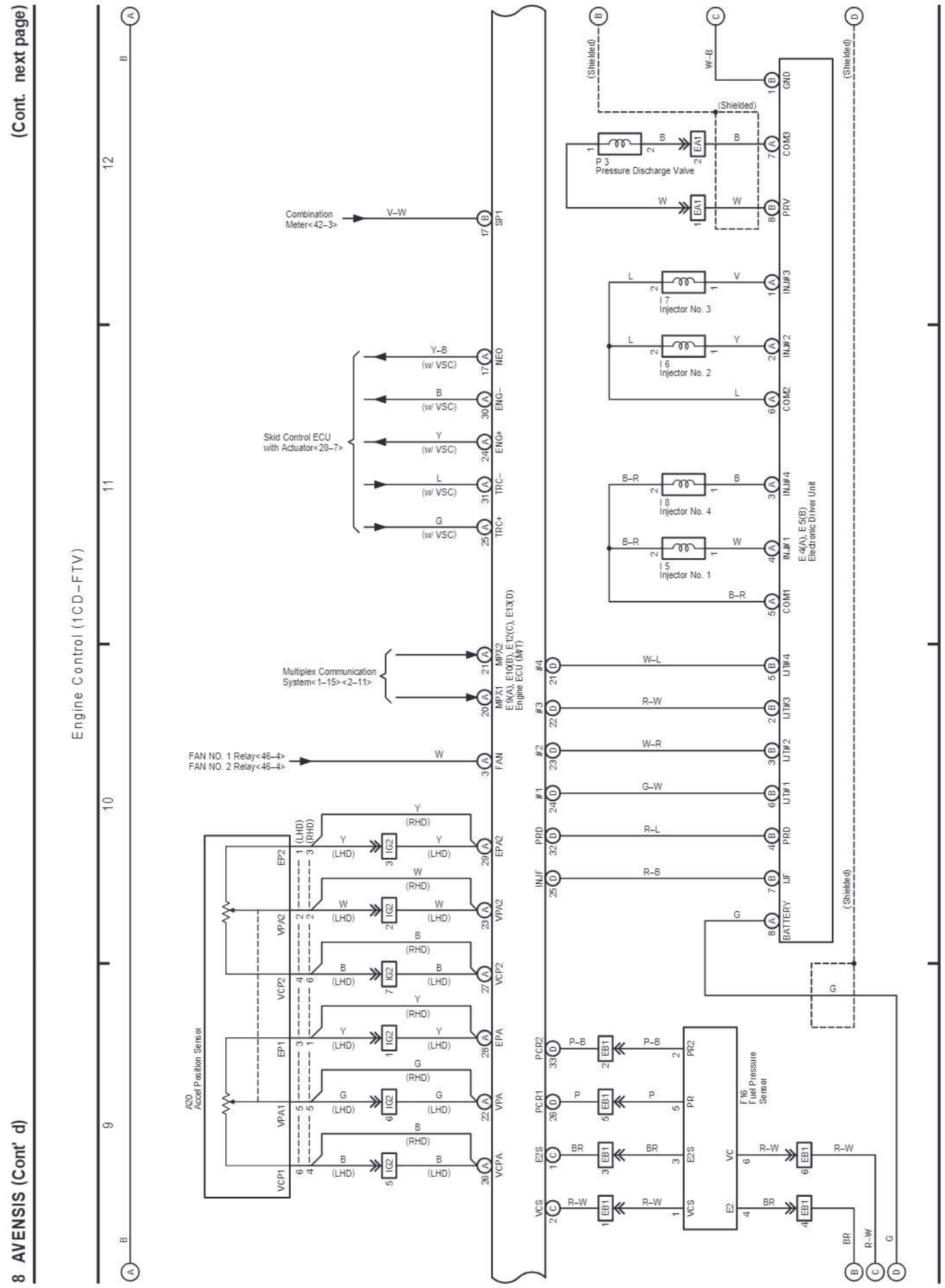
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8 AVENSIS (Cont' d)

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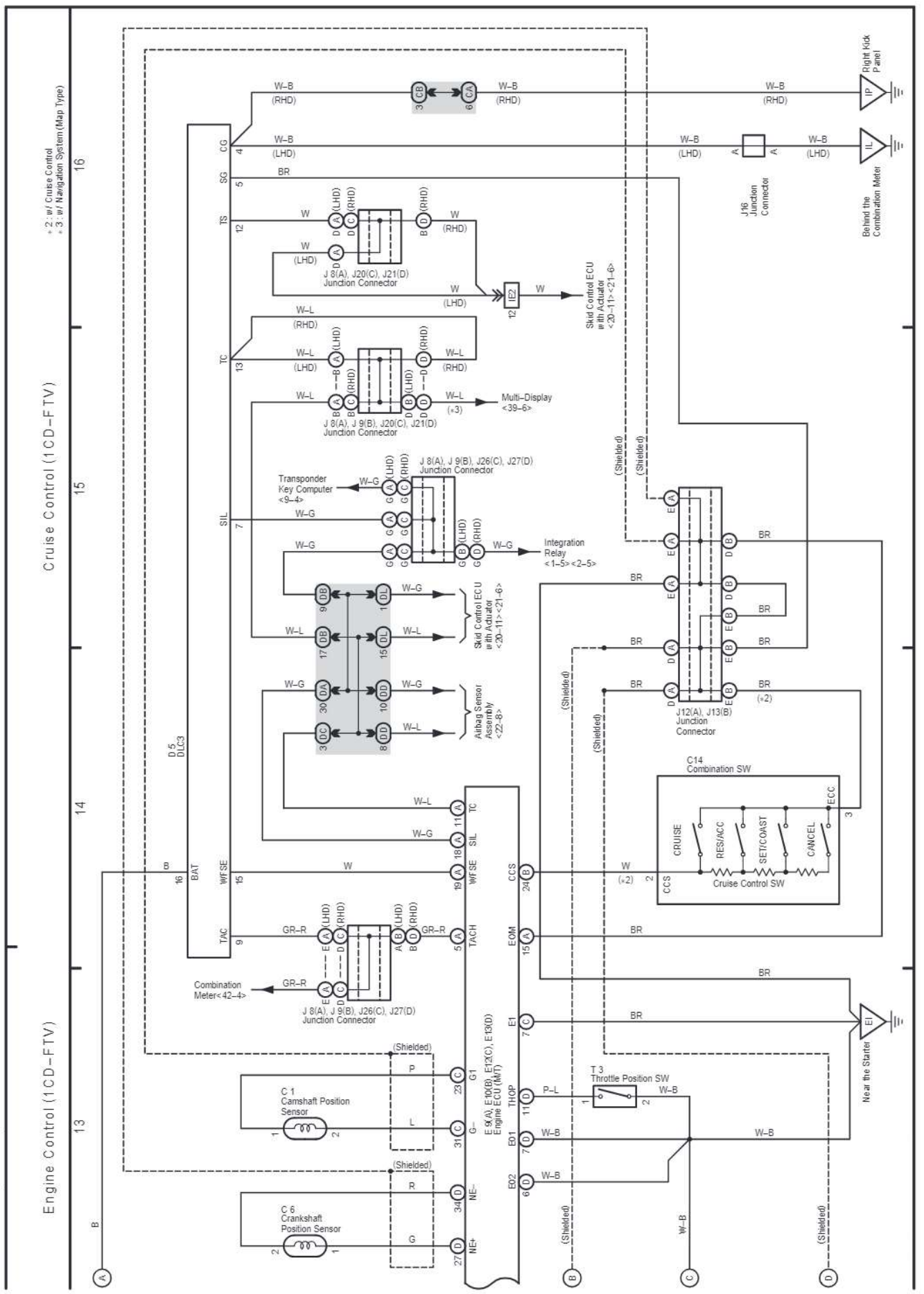


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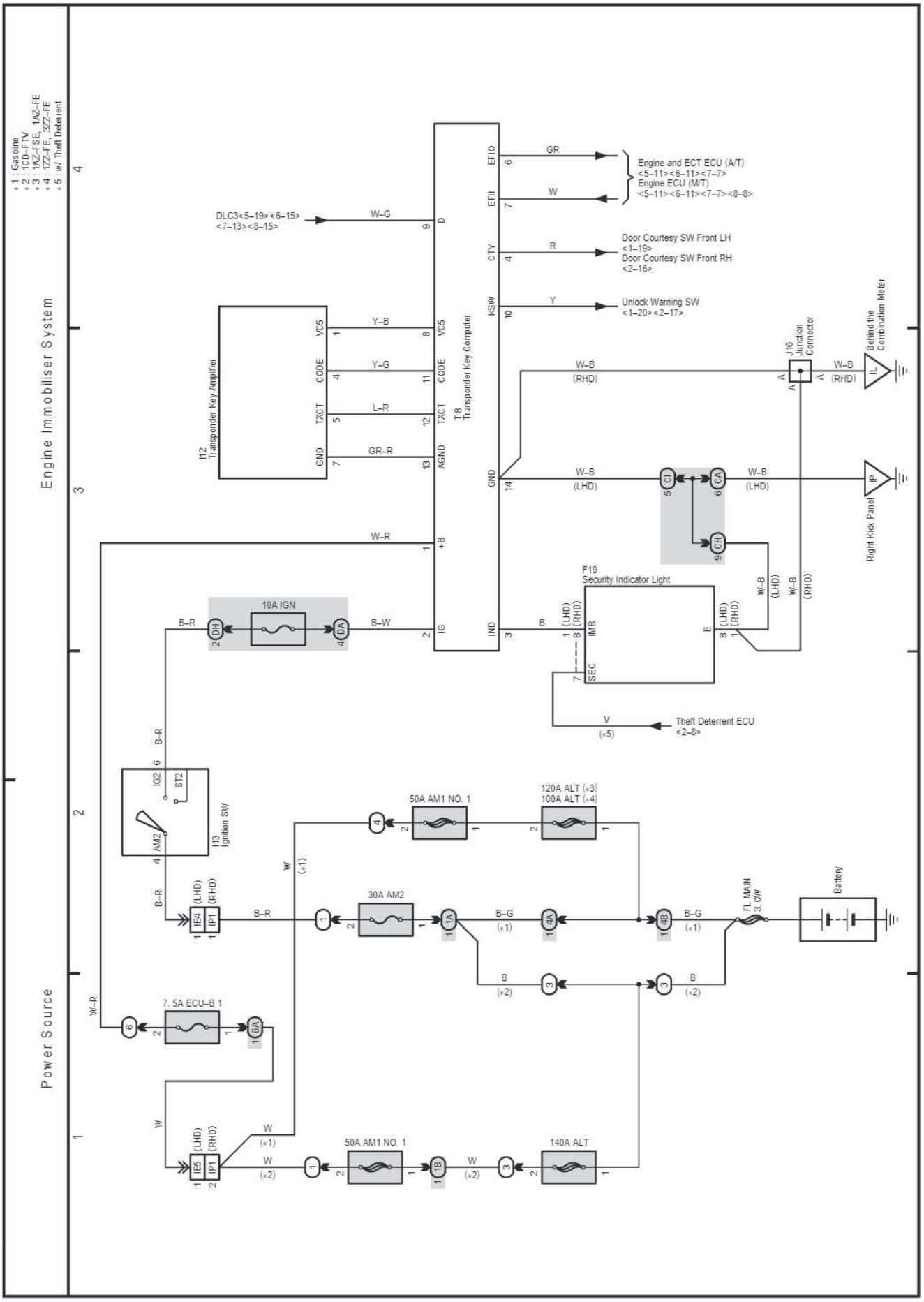

8 AVENSIS (Cont' d)
(Cont. next page)
Engine Control (1CD–FTV)
Combination Meter<42–3>
V–W
Skid Control ECU with Actuator<20–7>
Y–B (w/ VSC)
B (w/ VSC)
Y (w/ VSC)
L (w/ VSC)
G (w/ VSC)
Multiplex Communication System<1–15><2–11>
FAN NO. 1 Relay<46–4>
FAN NO. 2 Relay<46–4>
W
I20 Accel Position Sensor
E9(A), E10(B), E12(C), E13(D) Engine ECU (M/T)
E 4(A), E 5(B) Electronic Driver Unit
P 3 Pressure Discharge Valve
I 7 Injector No. 3
I 6 Injector No. 2
I 8 Injector No. 4
I 5 Injector No. 1
F16 Fuel Pressure Sensor
(Shielded)
W–B
B–R
W–L
R–W
W–R
G–W
R–L
R–B
P–B
P
BR
R–W
G

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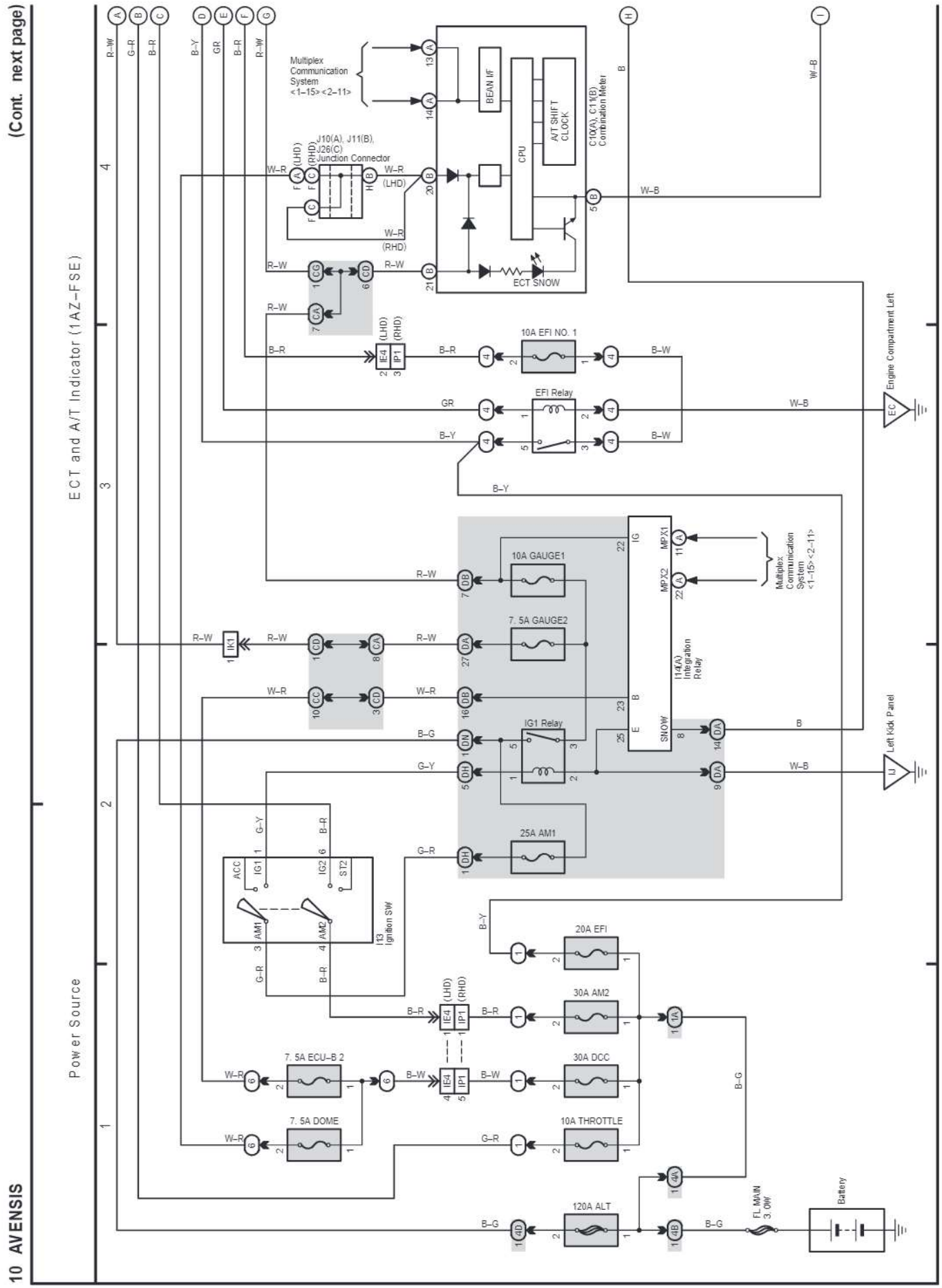
8 AVENSIS (Cont' d)



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*1 : Gasoline
*2 : 1CD–FTV
*3 : 1AZ–FSE, 1AZ–FE
*4 : 1ZZ–FE, 3ZZ–FE
*5 : w/ Theft Deterrent
Engine Immobiliser System
Power Source
DLC3<5–19><6–15><7–13><8–15>
W–G
Engine and ECT ECU (A/T)
<5–11><6–11><7–7>
Engine ECU (M/T)
<5–11><6–11><7–7><8–8>
GR
W
Door Courtesy SW Front LH
<1–19>
Door Courtesy SW Front RH
<2–16>
R
Unlock Warning SW
<1–20><2–17>
Y
I12
Transponder Key Amplifier
T8
Transponder Key Computer
Y–B
Y–G
L–R
GR–R
W–B
(RHD)
(LHD)
J16
Junction Connector
Behind the Combination Meter
Right Kick Panel
W–R
10A IGN
B–R
B–W
F19
Security Indicator Light
Theft Deterrent ECU
<2–8>
V
(*5)
I13
Ignition SW
50A AM1 NO. 1
120A ALT (*3)
100A ALT (*4)
30A AM2
7. 5A ECU–B 1
140A ALT
Battery
FL MAIN
3. 0W
B–G
B
W
(*1)
(*2)

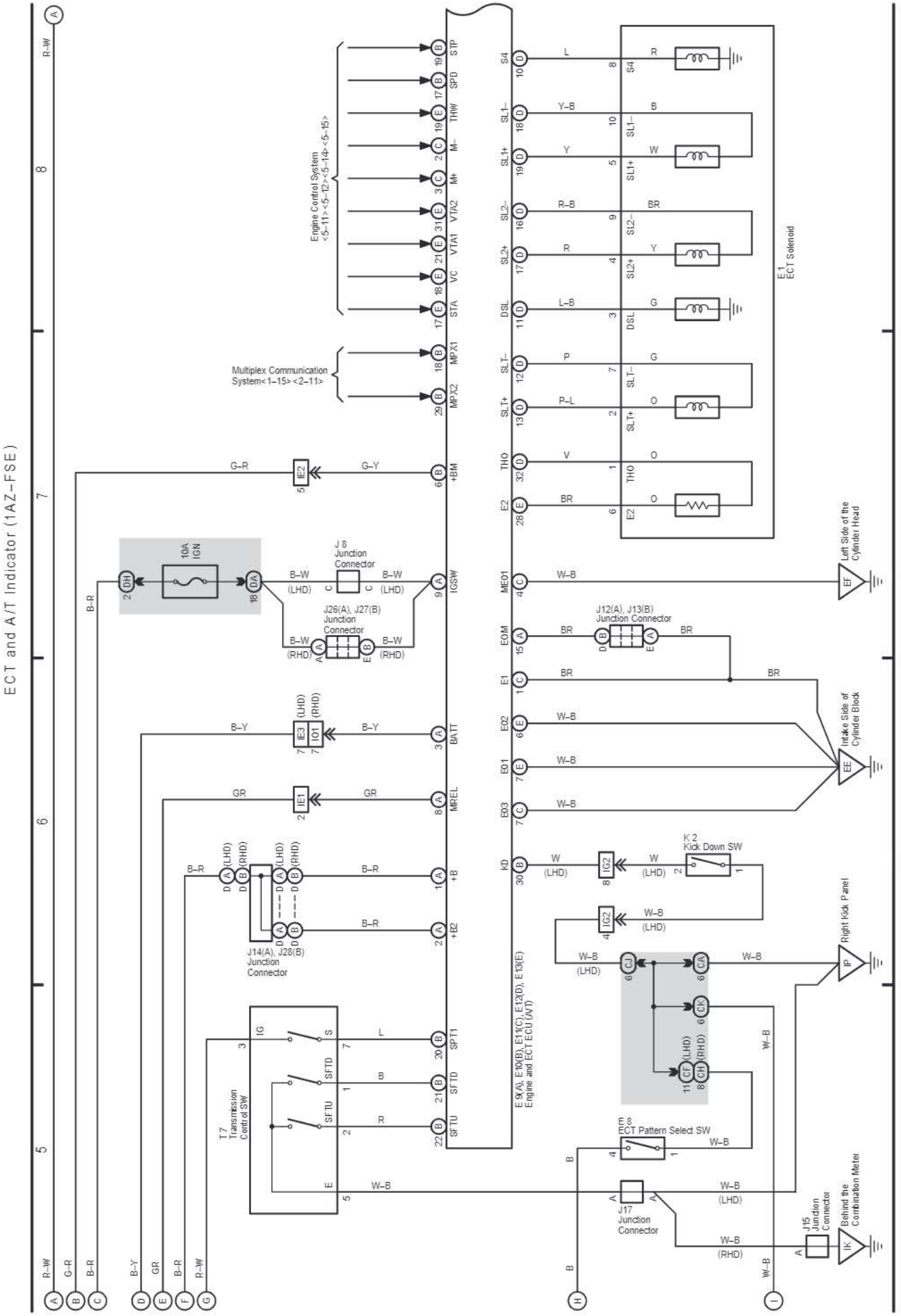
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(Cont. next page)
10 AVENSIS
Power Source
ECT and A/T Indicator (1AZ–FSE)
Multiplex Communication System <1–15> <2–11>
BEAN I/F
CPU
A/T SHIFT CLOCK
C10(A), C11(B) Combination Meter
J10(A), J11(B), J26(C) Junction Connector
ECT SNOW
10A EFI NO. 1
EFI Relay
Engine Compartment Left
EC
10A GAUGE1
7. 5A GAUGE2
I14(A) Integration Relay
IG1 Relay
Left Kick Panel
IJ
25A AM1
I13 Ignition SW
ACC
IG1
IG2
ST2
20A EFI
30A AM2
7. 5A ECU–B 2
30A DCC
7. 5A DOME
10A THROTTLE
120A ALT
FL MAIN 3 OW
Battery

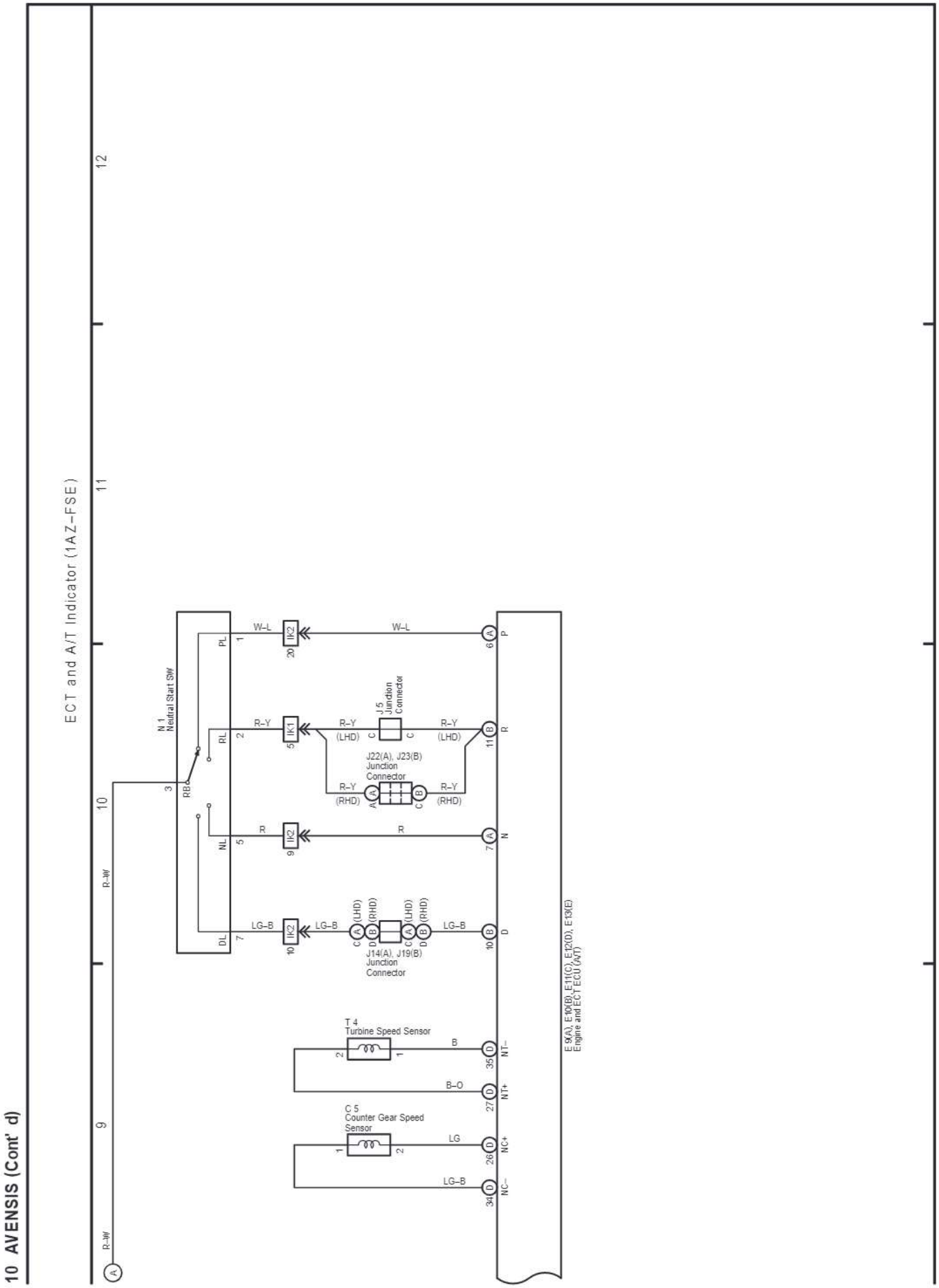
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10 AVENSIS (Cont' d)

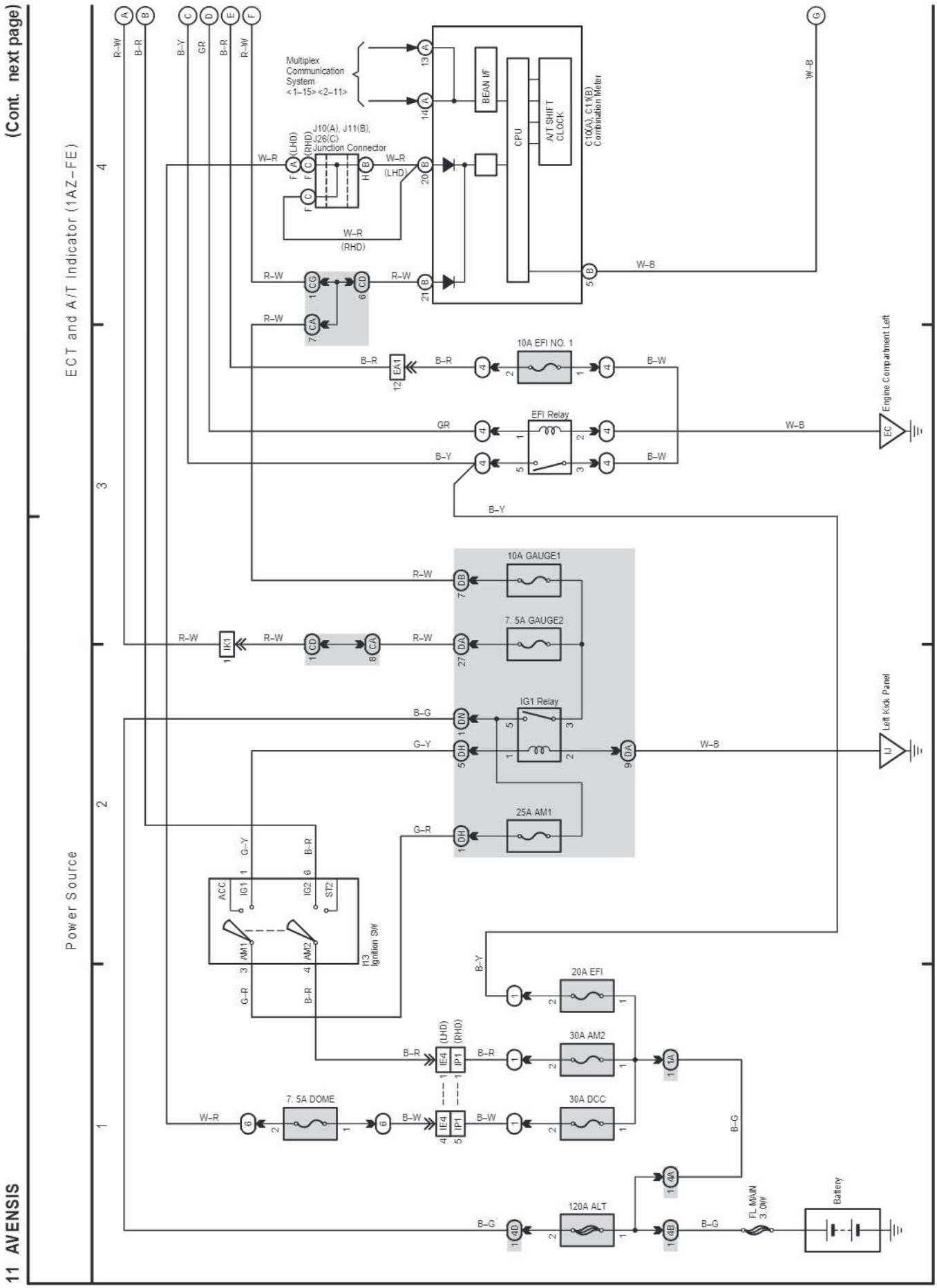
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10 AVENSIS (Cont' d)
ECT and A/T Indicator (1AZ-FSE)
12
11
10
9
R-W
A
N1
Neutral Start SW
RB
PL
RL
NL
DL
1
2
3
5
7
W-L
R-Y
R
LG-B
IK2
IK1
20
5
9
10
J5
Junction
Connector
J22(A), J23(B)
Junction
Connector
J14(A), J19(B)
Junction
Connector
(LHD)
(RHD)
6 (A) P
11 (B) R
7 (A) N
10 (B) D
T4
Turbine Speed Sensor
B
B-O
35 NT-
27 NT+
C5
Counter Gear Speed
Sensor
LG
LG-B
26 NC+
34 NC-
E9(A), E10(B), E11(C), E12(D), E13(E)
Engine and ECT ECU (A/T)

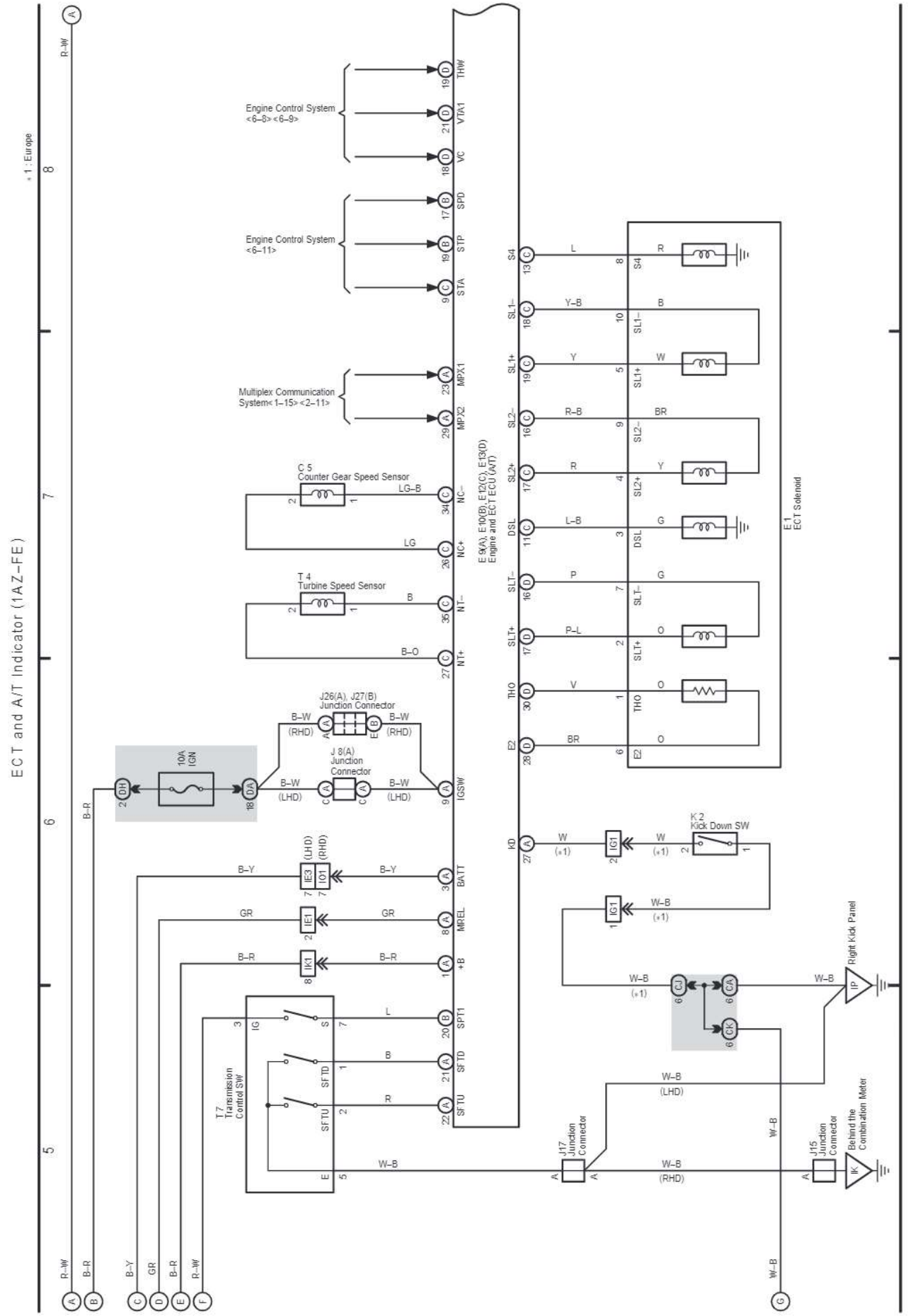
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11 AVENSIS
ECT and A/T Indicator (1AZ-FE)
Power Source
Multiplex Communication System <1-15> <2-11>
J10(A), J11(B), J26(C) Junction Connector
C10(A), C11(B) Combination Meter
BEAN I/F
CPU
A/T SHIFT CLOCK
10A EFI NO. 1
EFI Relay
Engine Compartment Left
10A GAUGE1
7. 5A GAUGE2
IG1 Relay
25A AM1
Left Kick Panel
20A EFI
30A AM2
30A DCC
7. 5A DOME
120A ALT
I13 Ignition SW
ACC
IG1
IG2
ST2
AM1
AM2
FL MAIN 3 OW
Battery

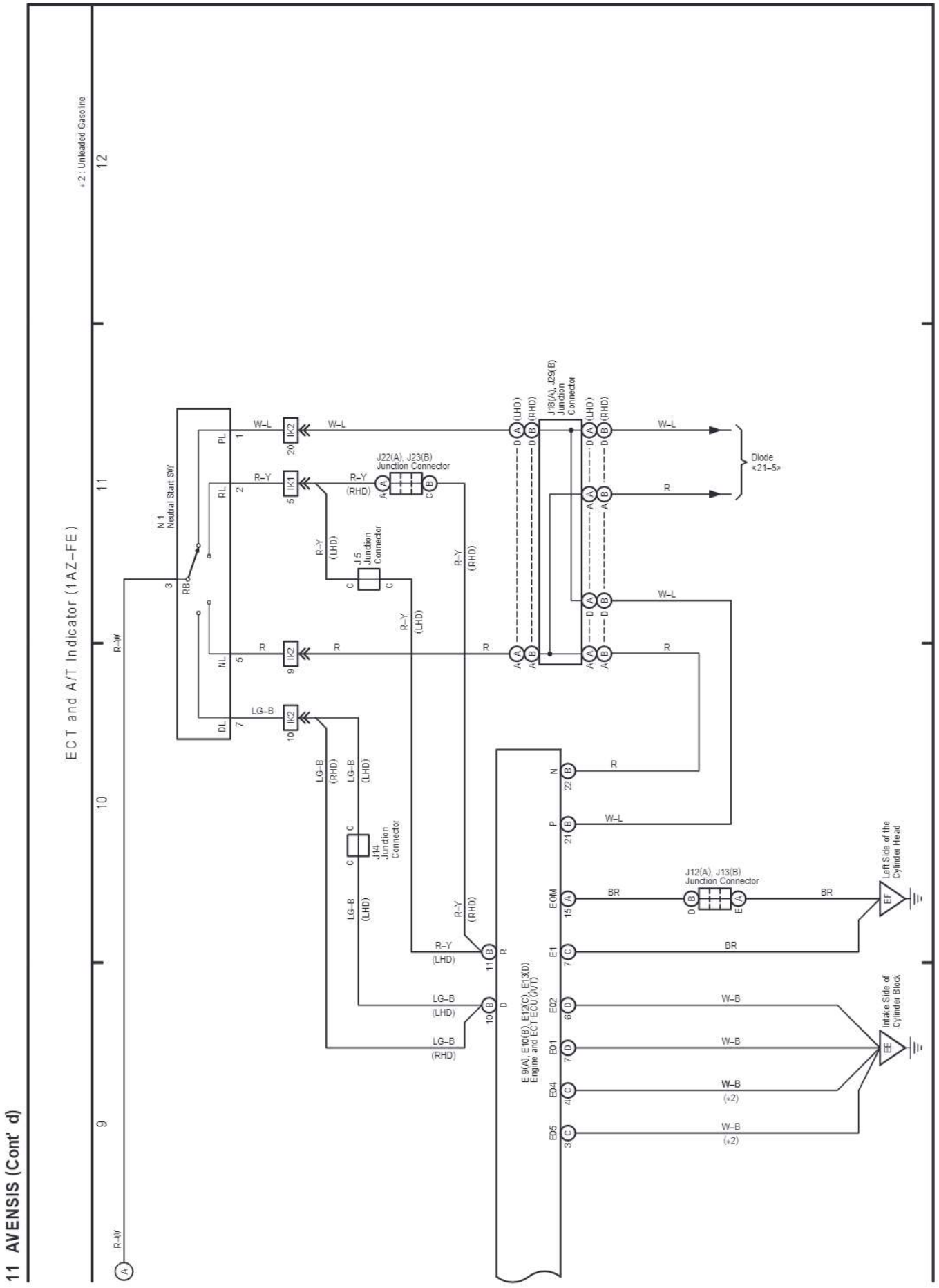
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11 AVENSIS (Cont' d)

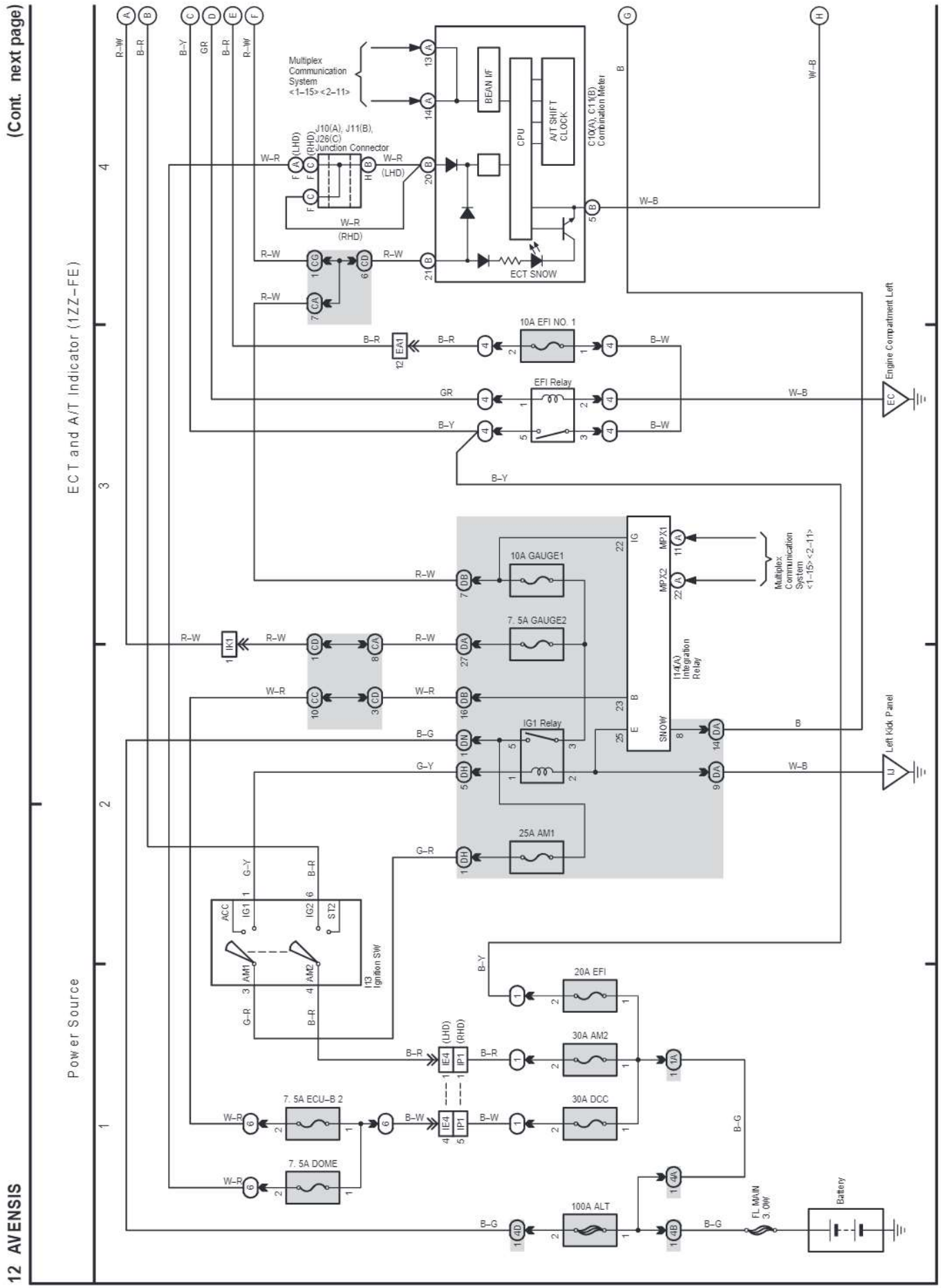
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11 AVENSIS (Cont' d)
ECT and A/T Indicator (1AZ-FE)
*2 : Unleaded Gasoline
N 1
Neutral Start SW
IK1
IK2
J22(A), J23(B)
Junction Connector
J5
Junction Connector
J18(A), J29(B)
Junction Connector
Diode
<21-5>
J14
Junction Connector
J12(A), J13(B)
Junction Connector
Left Side of the
Cylinder Head
Intake Side of
Cylinder Block
E9(A), E10(B), E12(C), E13(D)
Engine and ECT ECU (A/T)
W-L
R-Y
LG-B
R
R-W
BR
W-B
(LHD)
(RHD)
(*2)

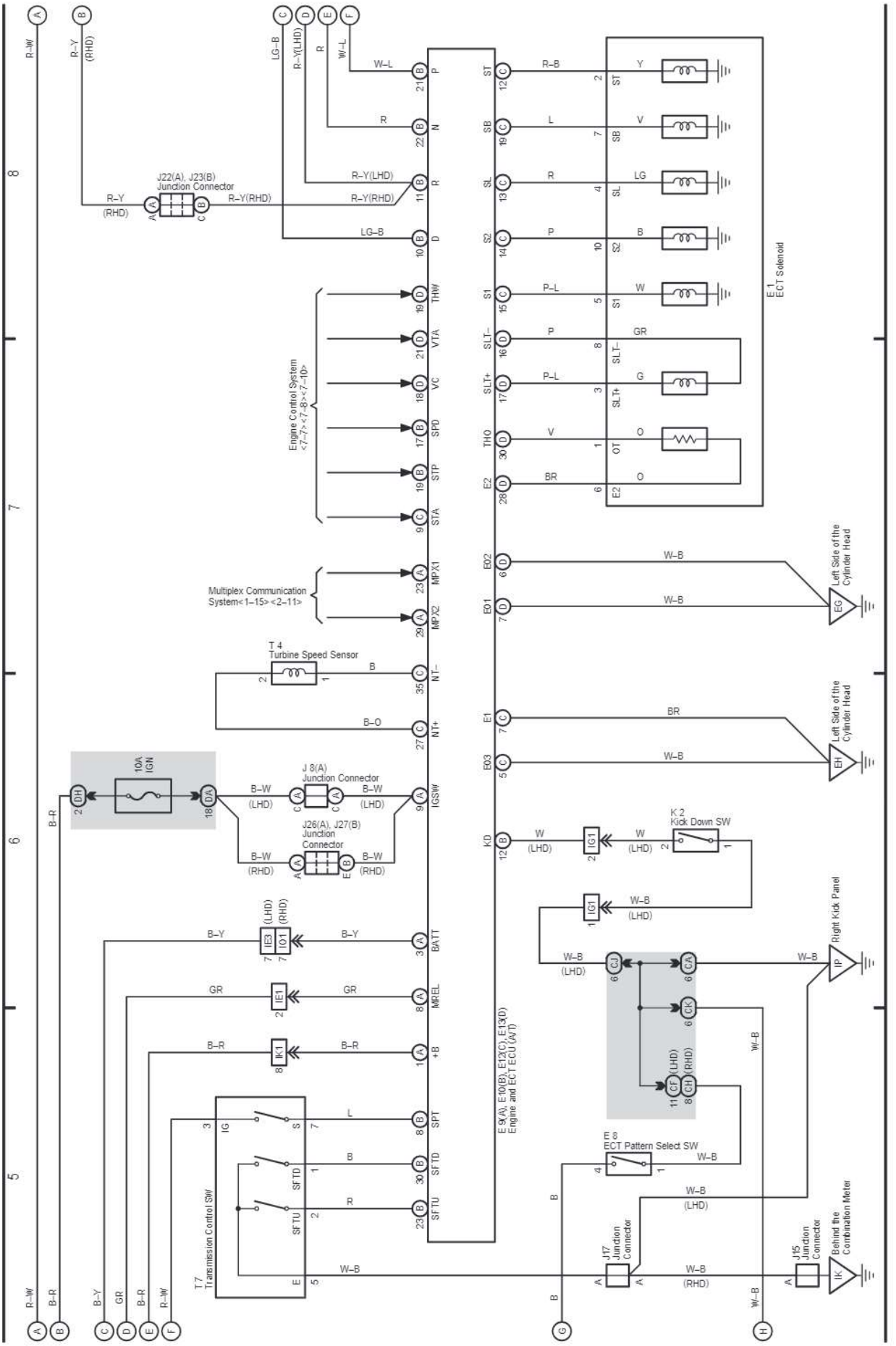
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ECT and A/T Indicator (1ZZ-FE)
Power Source
12 AVENSIS
Multiplex Communication System <1-15><2-11>
BEAN I/F
CPU
A/T SHIFT CLOCK
C10(A), C11(B) Combination Meter
J10(A), J11(B), J26(C) Junction Connector
ECT SNOW
10A EFI NO. 1
EFI Relay
Engine Compartment Left
10A GAUGE1
7. 5A GAUGE2
I14(A) Integration Relay
IG1 Relay
Left Kick Panel
25A AM1
I13 Ignition SW
20A EFI
30A AM2
30A DCC
7. 5A ECU-B 2
7. 5A DOME
100A ALT
FL MAIN 3 OW
Battery

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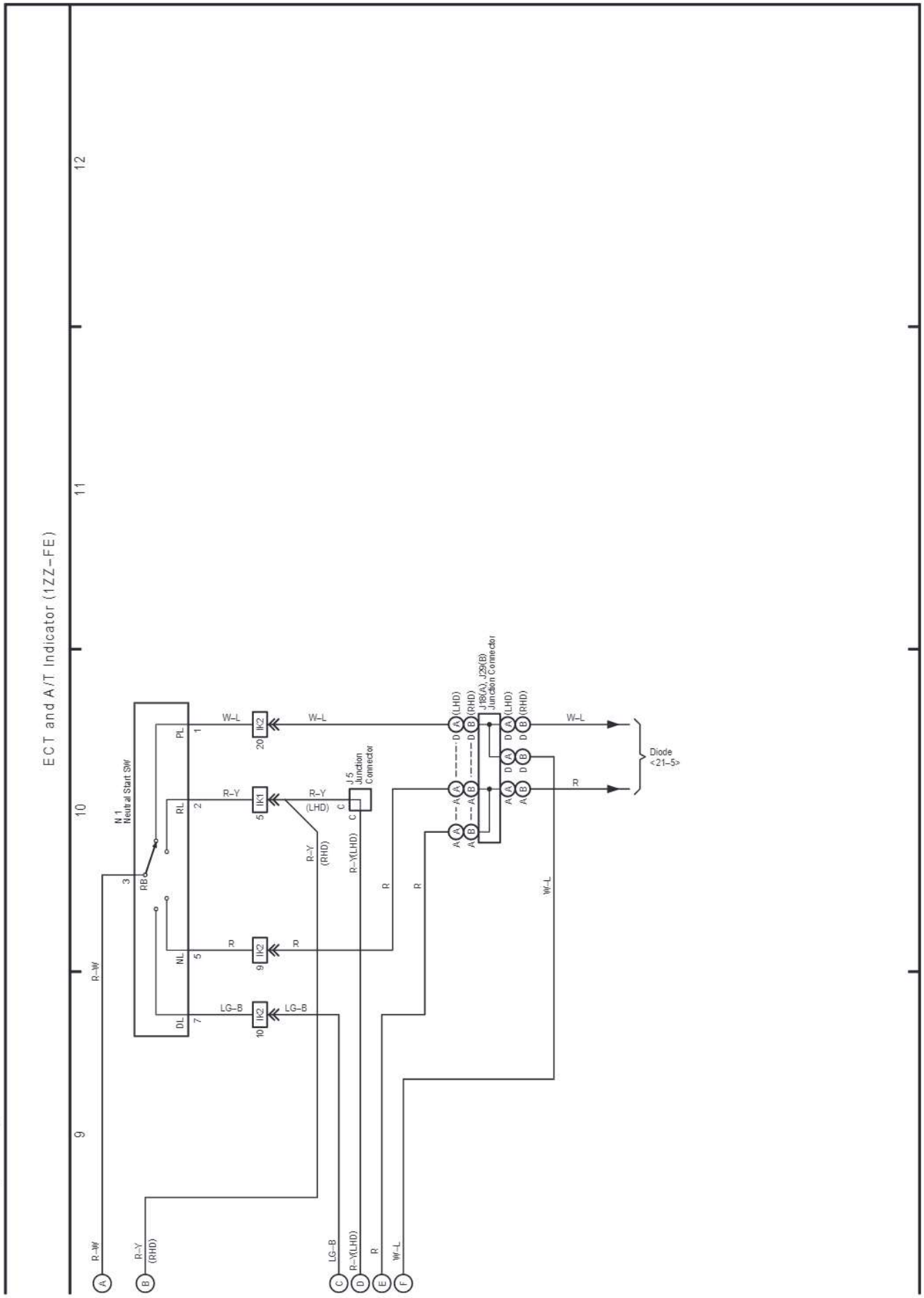
12 AVENSIS (Cont' d)

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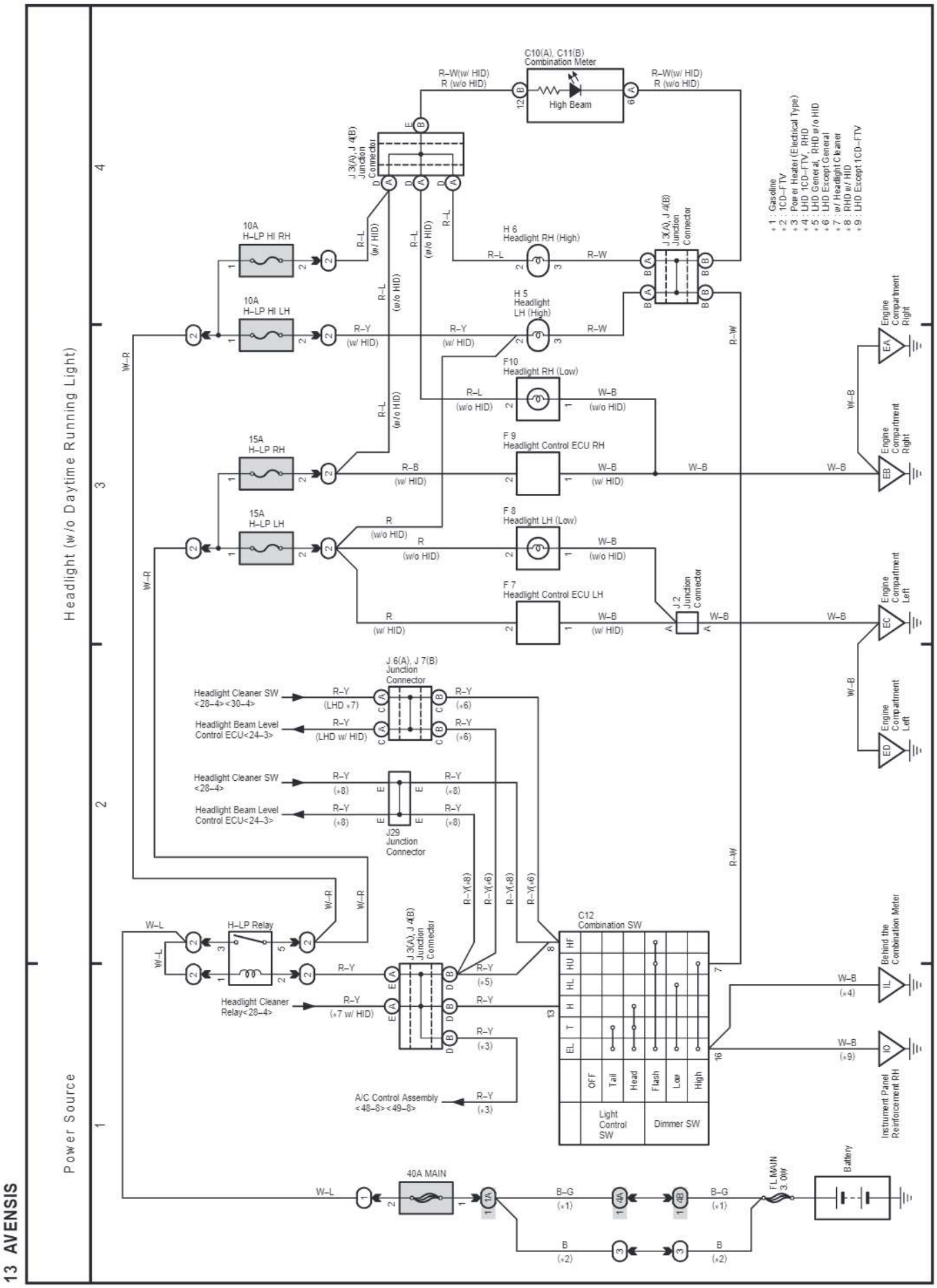


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12 AVENSIS (Cont' d)

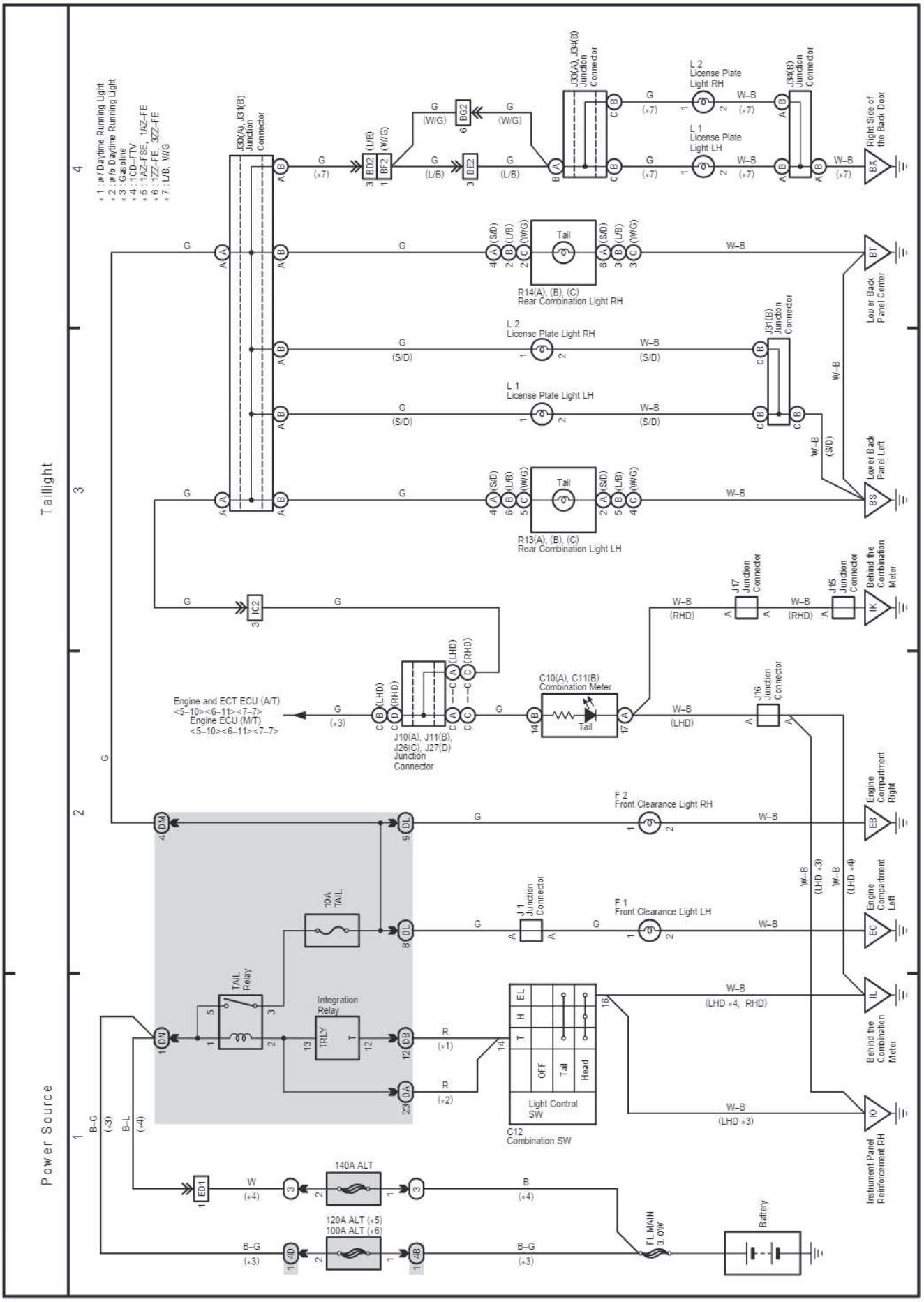


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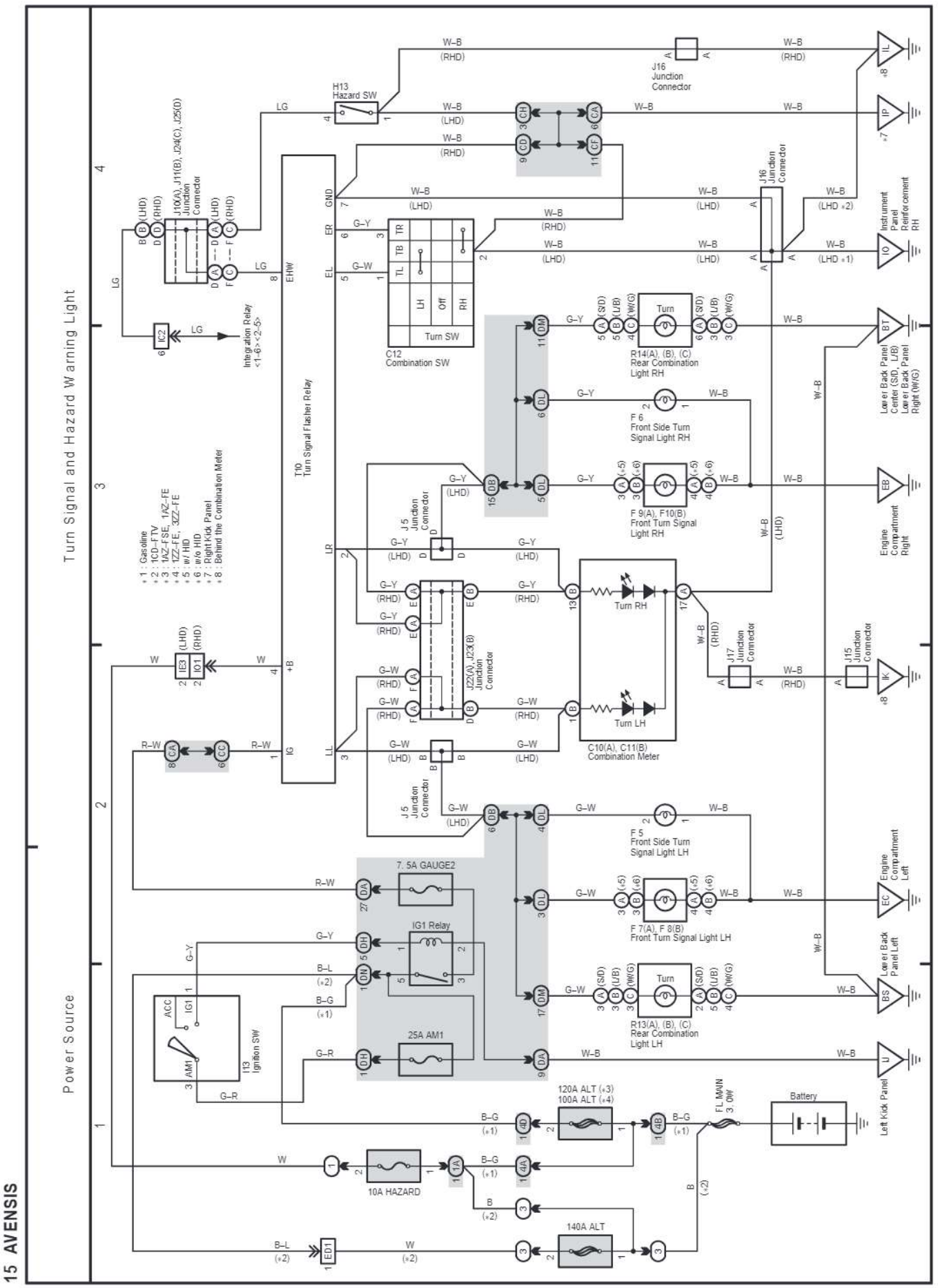


13 AVENSIS

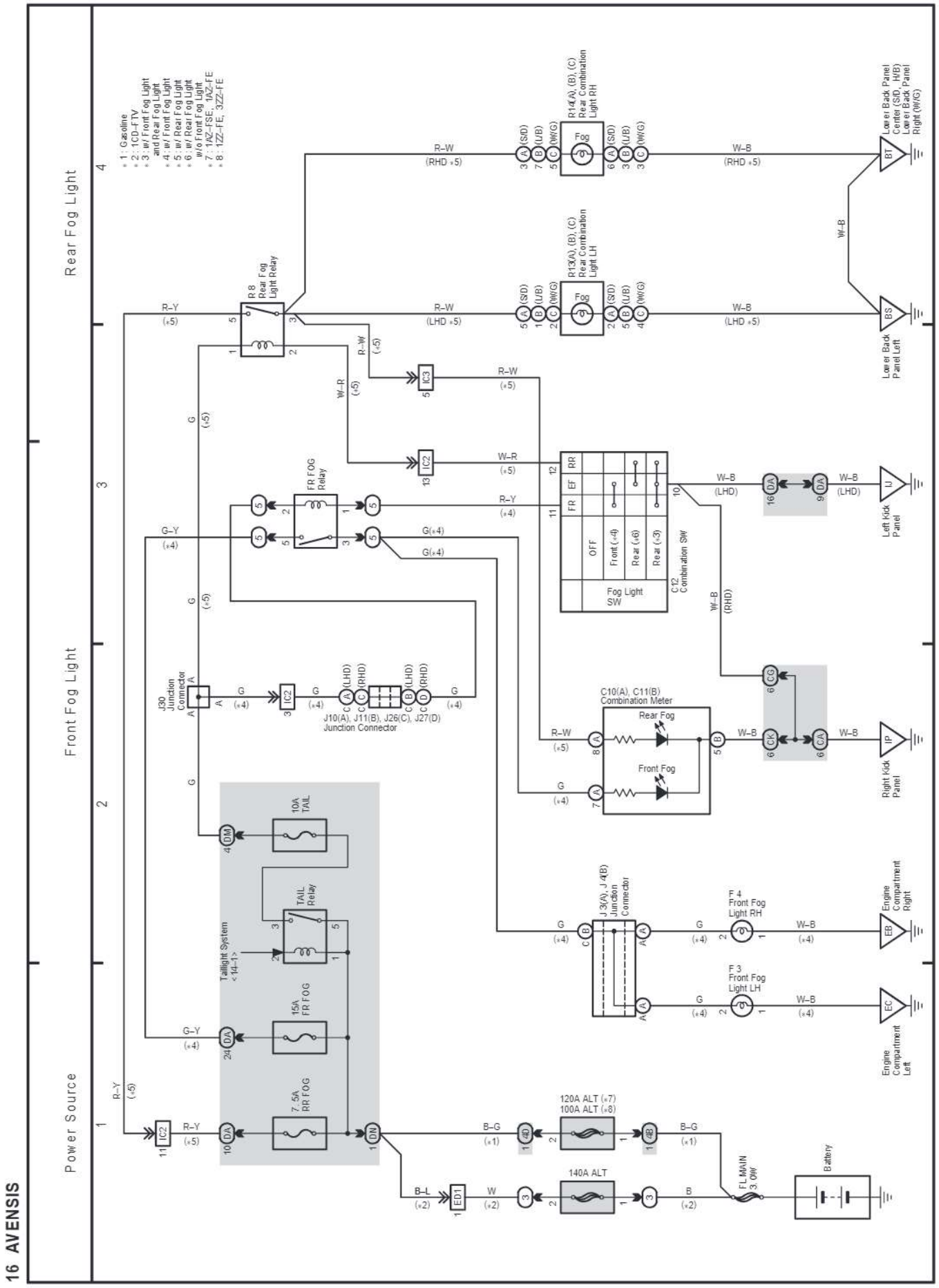
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Taillight
Power Source
*1 : w/ Daytime Running Light
*2 : w/o Daytime Running Light
*3 : Gasoline
*4 : 1CD-FTV
*5 : 1AZ-FSE, 1AZ-FE
*6 : 1ZZ-FE, 3ZZ-FE
*7 : LHD, W/G
J30(A), J31(B) Junction Connector
J33(A), J34(B) Junction Connector
J34(B) Junction Connector
L 2 License Plate Light RH
L 1 License Plate Light LH
Right Side of the Back Door
Tail
R14(A), (B), (C) Rear Combination Light RH
R13(A), (B), (C) Rear Combination Light LH
Lower Back Panel Center
Lower Back Panel Left
J31(B) Junction Connector
J17 Junction Connector
J15 Junction Connector
Behind the Combination Meter
Engine and ECT ECU (A/T) <5–10><6–11><7–7> Engine ECU (M/T) <5–10><6–11><7–7>
J10(A), J11(B), J26(C), J27(D) Junction Connector
C10(A), C11(B) Combination Meter
J16 Junction Connector
F 2 Front Clearance Light RH
F 1 Front Clearance Light LH
Engine Compartment Right
Engine Compartment Left
J 1 Junction Connector
10A TAIL
TAIL Relay
Integration Relay
Light Control SW
C12 Combination SW
Instrument Panel Reinforcement RH
140A ALT
120A ALT (*5)
100A ALT (*6)
FL MAIN 3 OW
Battery

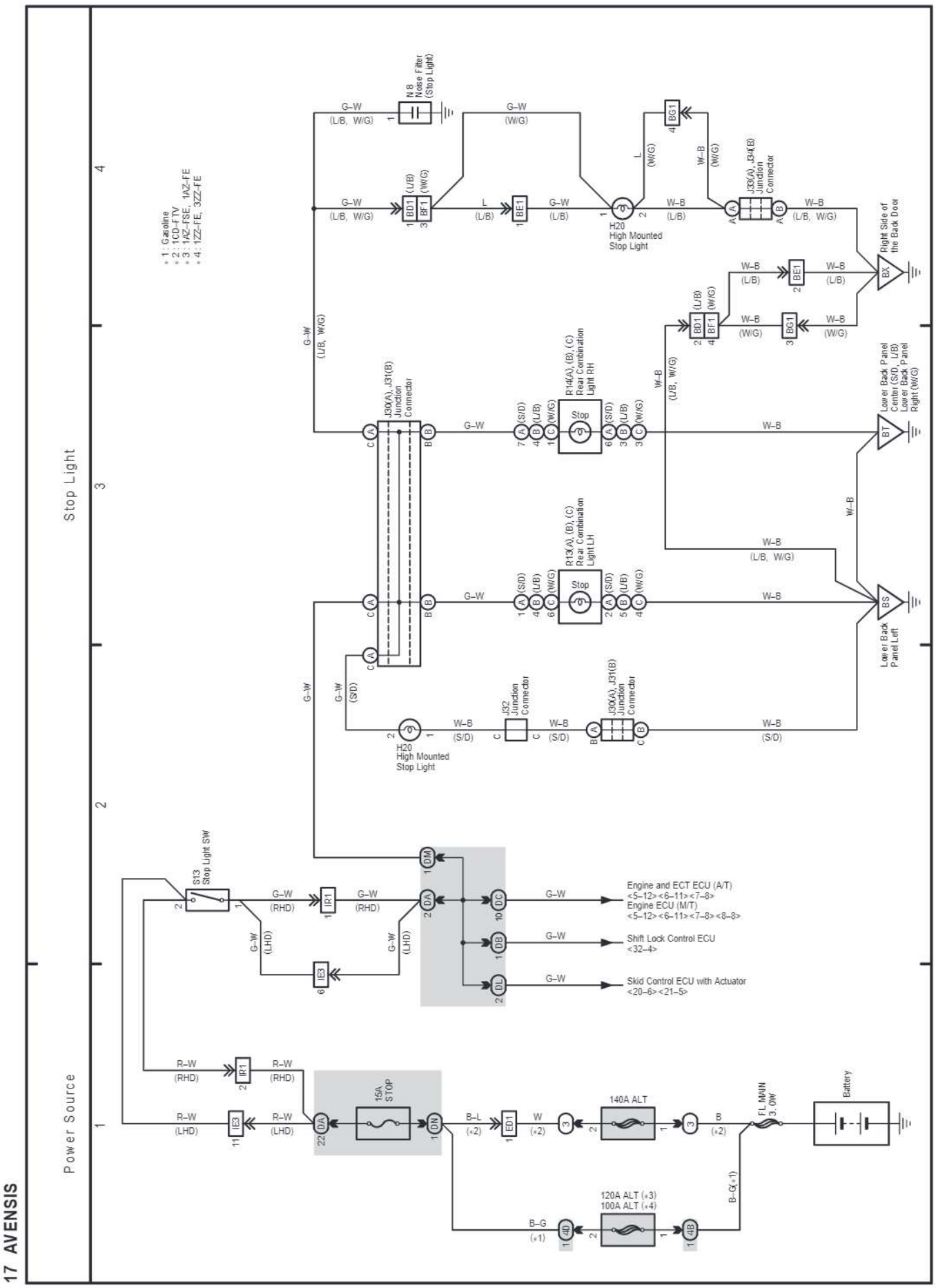
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15 AVENSIS
Power Source
Turn Signal and Hazard Warning Light
H13 Hazard SW
J16 Junction Connector
J10(A), J11(B), J24(C), J25(D) Junction Connector
Integration Relay <1-6><2-5>
C12 Combination SW
T10 Turn Signal Flasher Relay
J5 Junction Connector
J22(A), J23(B) Junction Connector
C10(A), C11(B) Combination Meter
R14(A), (B), (C) Rear Combination Light RH
F 6 Front Side Turn Signal Light RH
F 9(A), F10(B) Front Turn Signal Light RH
F 5 Front Side Turn Signal Light LH
F 7(A), F 8(B) Front Turn Signal Light LH
R13(A), (B), (C) Rear Combination Light LH
J17 Junction Connector
J15 Junction Connector
Instrument Panel Reinforcement RH
Lower Back Panel Center (S/D, L/B) Lower Back Panel Right (W/G)
Engine Compartment Right
Engine Compartment Left
Lower Back Panel Left
Left Kick Panel
7. 5A GAUGE2
IG1 Relay
25A AM1
I13 Ignition SW
10A HAZARD
120A ALT (*3) 100A ALT (*4)
140A ALT
FL MAIN 3 0W
Battery
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : 1AZ-FSE, 1AZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE
* 5 : w/ HID
* 6 : w/o HID
* 7 : Right Kick Panel
* 8 : Behind the Combination Meter

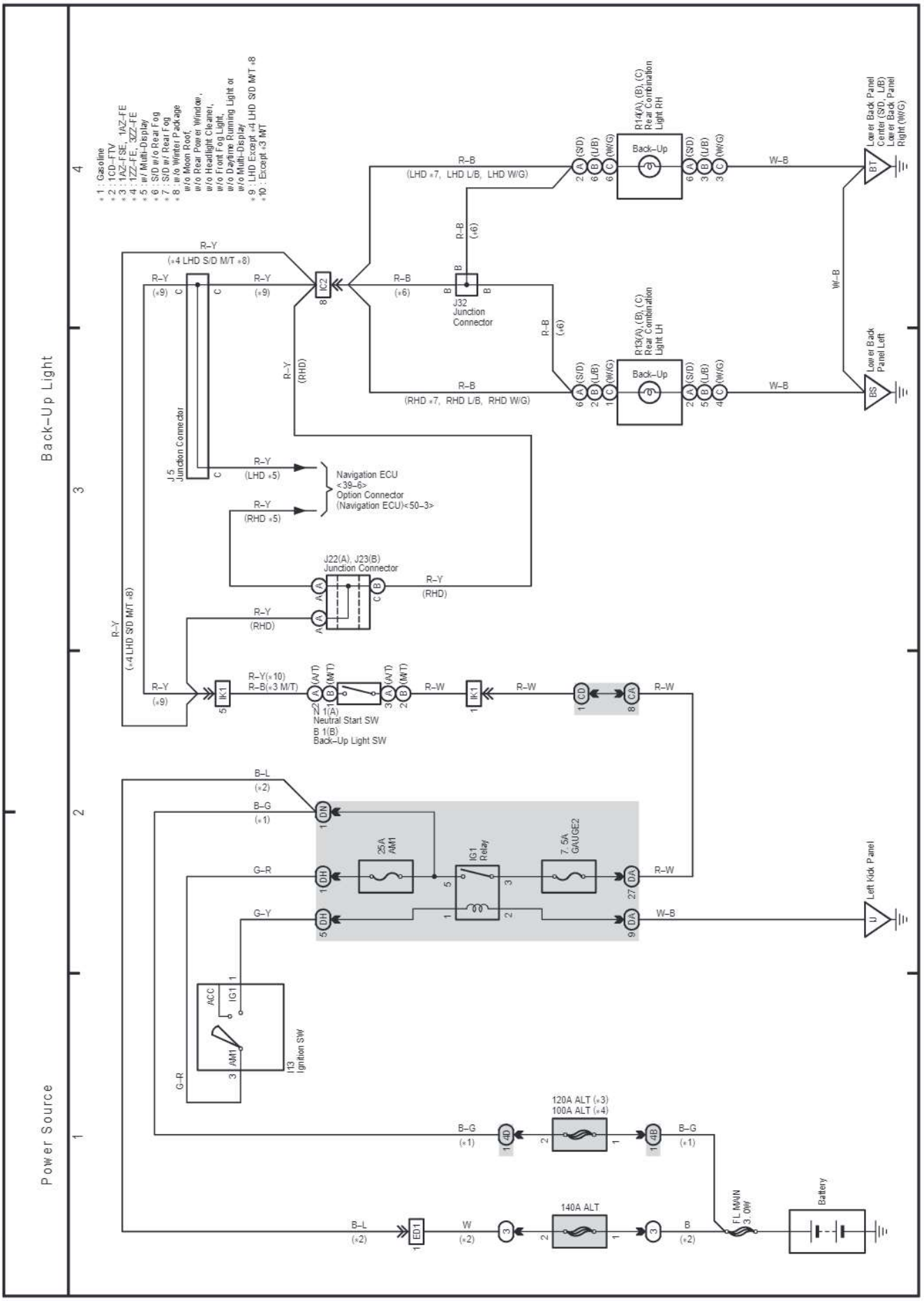
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* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : w/ Front Fog Light and Rear Fog Light
* 4 : w/ Front Fog Light
* 5 : w/ Rear Fog Light
* 6 : w/ Rear Fog Light w/o Front Fog Light
* 7 : 1AZ-FSE, 1AZ-FE
* 8 : 1ZZ-FE, 3ZZ-FE
Rear Fog Light
Front Fog Light
Power Source
R8 Rear Fog Light Relay
FR FOG Relay
TAIL Relay
Taillight System <14-1>
10A TAIL
15A FR FOG
7.5A RR FOG
R14(A), (B), (C) Rear Combination Light RH
R13(A), (B), (C) Rear Combination Light LH
C12 Combination SW
Fog Light SW
OFF
Front (-4)
Rear (+6)
Rear (-3)
C10(A), C11(B) Combination Meter
Rear Fog
Front Fog
J30 Junction Connector
J10(A), J11(B), J26(C), J27(D) Junction Connector
J3(A), J4(B) Junction Connector
F4 Front Fog Light RH
F3 Front Fog Light LH
Lower Back Panel Center (SD, HB) Lower Back Panel Right (W/G)
Lower Back Panel Left
Left Kick Panel
Right Kick Panel
Engine Compartment Right
Engine Compartment Left
120A ALT (*7) 100A ALT (*8)
140A ALT
FL MAIN 3 0W
Battery

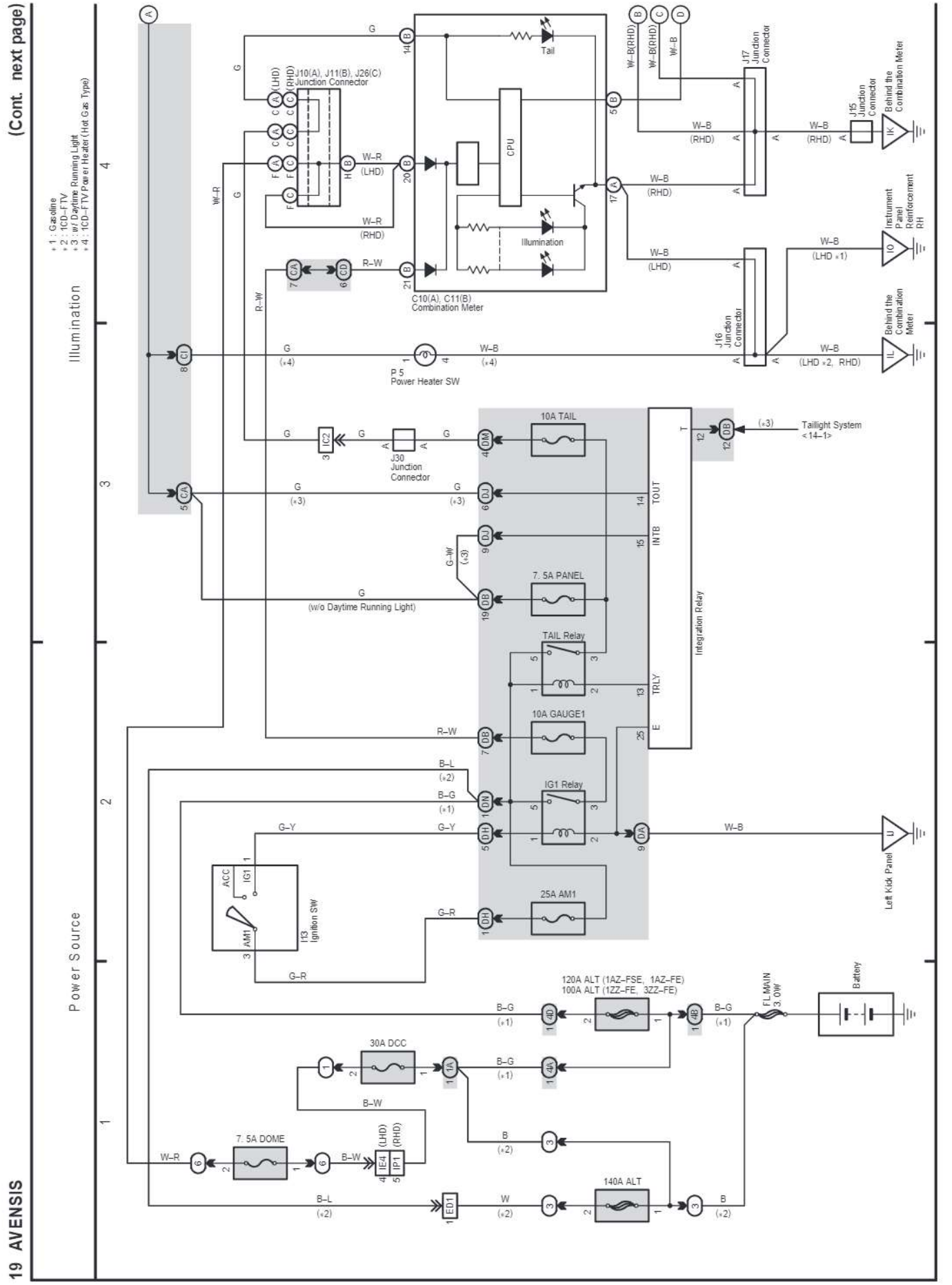
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17 AVENSIS
Power Source
Stop Light
1
2
3
4
*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1AZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
N8 Noise Filter (Stop Light)
H20 High Mounted Stop Light
J33(A), J34(B) Junction Connector
Right Side of the Back Door
J30(A), J31(B) Junction Connector
R14(A), (B), (C) Rear Combination Light RH
R13(A), (B), (C) Rear Combination Light LH
Stop
Lower Back Panel Center (S/D, L/B)
Lower Back Panel Right (W/G)
Lower Back Panel Left
J32 Junction Connector
S13 Stop Light SW
Engine and ECT ECU (A/T)
<5–12><6–11><7–8>
Engine ECU (M/T)
<5–12><6–11><7–8><8–8>
Shift Lock Control ECU
<32–4>
Skid Control ECU with Actuator
<20–6><21–5>
15A STOP
140A ALT
120A ALT (*3)
100A ALT (*4)
FL MAIN 30A
Battery

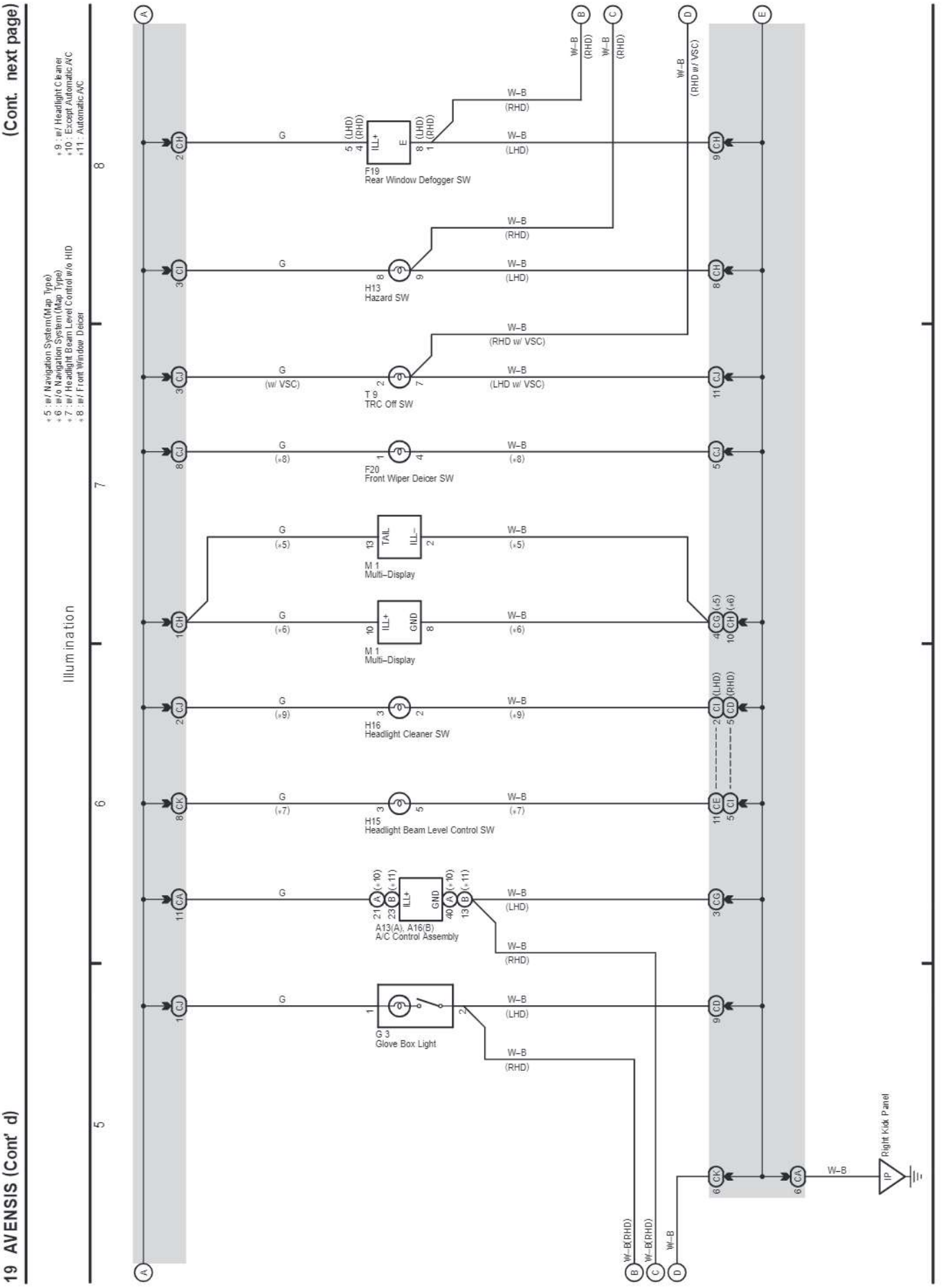
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Back–Up Light
Power Source
*1 : Gasoline
*2 : 1CD–FTV
*3 : 1AZ–FSE, 1AZ–FE
*4 : 1ZZ–FE, 3ZZ–FE
*5 : w/ Multi–Display
*6 : S/D w/o Rear Fog
*7 : S/D w/ Rear Fog
*8 : w/o Winter Package
w/o Moon Roof,
w/o Rear Power Window,
w/o Headlight Cleaner,
w/o Front Fog Light,
w/o Daytime Running Light or
w/o Multi–Display
*9 : LHD Except *4 LHD S/D M/T *8
*10 : Except *3 M/T
R14(A), (B), (C)
Rear Combination
Light RH
R13(A), (B), (C)
Rear Combination
Light LH
Back–Up
Lower Back Panel
Center (S/D, LB)
Lower Back Panel
Right (W/G)
Lower Back
Panel Left
J32
Junction
Connector
J5
Junction Connector
Navigation ECU
<39–6>
Option Connector
(Navigation ECU)<50–3>
J22(A), J23(B)
Junction Connector
N 1(A)
Neutral Start SW
B 1(B)
Back–Up Light SW
IG1
Relay
25A
AM1
7.5A
GAUGE2
ACC
IG1
AM1
I13
Ignition SW
120A ALT (*3)
100A ALT (*4)
140A ALT
FL MAIN
3 0W
Battery
Left Kick Panel
R–Y
(*4 LHD S/D M/T *8)
R–Y
(*9)
R–Y
(LHD *5)
R–Y
(RHD *5)
R–Y
(RHD)
R–B
(LHD *7, LHD L/B, LHD W/G)
R–B
(RHD *7, RHD L/B, RHD W/G)
R–B
(*6)
W–B
R–Y(*10)
R–B(*3 M/T)
R–W
B–L
(*2)
B–G
(*1)
G–R
G–Y
W
B

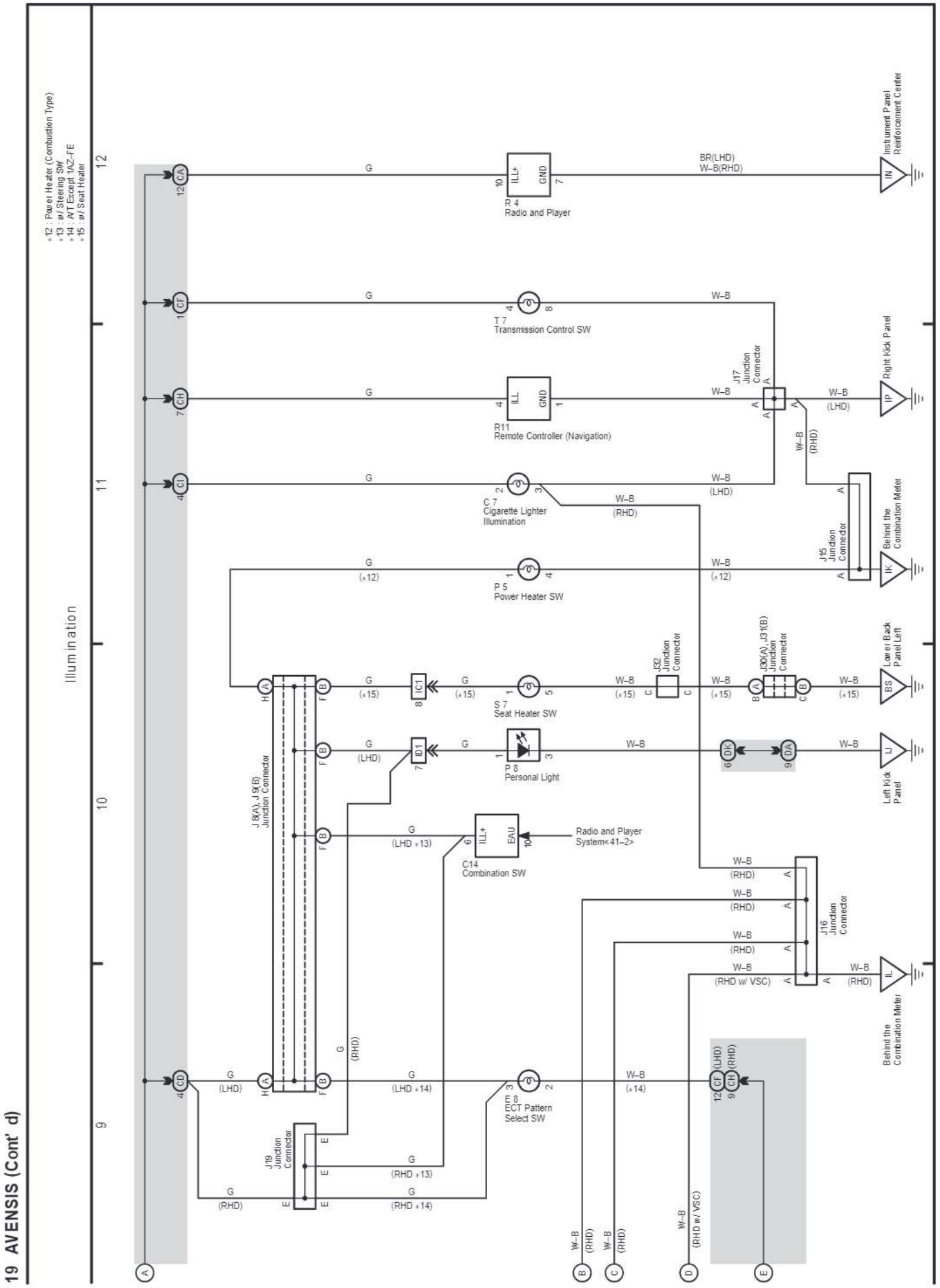
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(Cont. next page)
*1 : Gasoline
*2 : 1CD–FTV
*3 : w/ Daytime Running Light
*4 : 1CD–FTV Power Heater (Hot Gas Type)
Illumination
Power Source
J10(A), J11(B), J26(C) Junction Connector
C10(A), C11(B) Combination Meter
CPU
Tail
Illumination
J17 Junction Connector
J15 Junction Connector
Behind the Combination Meter
Instrument Panel Reinforcement RH
J16 Junction Connector
P 5 Power Heater SW
J30 Junction Connector
10A TAIL
7. 5A PANEL
TAIL Relay
10A GAUGE1
IG1 Relay
25A AM1
Integration Relay
TOUT
INTB
TRLY
Taillight System <14–1>
Ignition SW
Left Kick Panel
120A ALT (1AZ–FSE, 1AZ–FE)
100A ALT (1ZZ–FE, 3ZZ–FE)
FL MAIN 3 OW
Battery
30A DCC
7. 5A DOME
140A ALT
19 AVENSIS

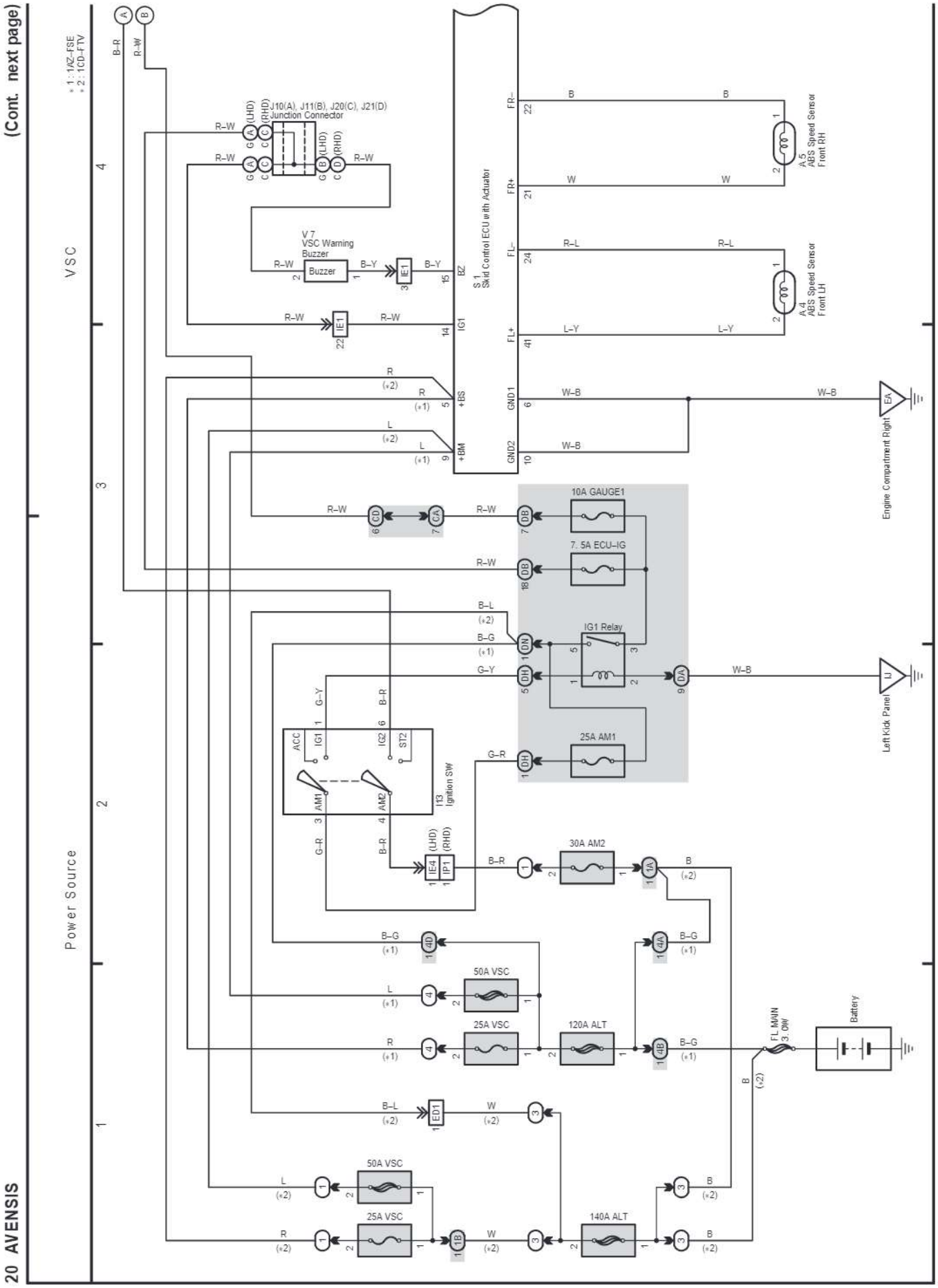
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19 AVENSIS (Cont' d)
(Cont. next page)
Illumination
*5 : w/ Navigation System(Map Type)
*6 : w/o Navigation System(Map Type)
*7 : w/ Headlight Beam Level Control w/o HID
*8 : w/ Front Window Deicer
*9 : w/ Headlight Cleaner
*10 : Except Automatic A/C
*11 : Automatic A/C
F19
Rear Window Defogger SW
H13
Hazard SW
T 9
TRC Off SW
F20
Front Wiper Deicer SW
M 1
Multi–Display
M 1
Multi–Display
H16
Headlight Cleaner SW
H15
Headlight Beam Level Control SW
A13(A), A16(B)
A/C Control Assembly
G 3
Glove Box Light
Right Kick Panel
W–B
(RHD)
W–B
(LHD)
W–B
(RHD w/ VSC)
W–B
(LHD w/ VSC)
G
(w/ VSC)
G
(*5)
G
(*6)
G
(*7)
G
(*8)
G
(*9)
G
(*10)
G
(*11)

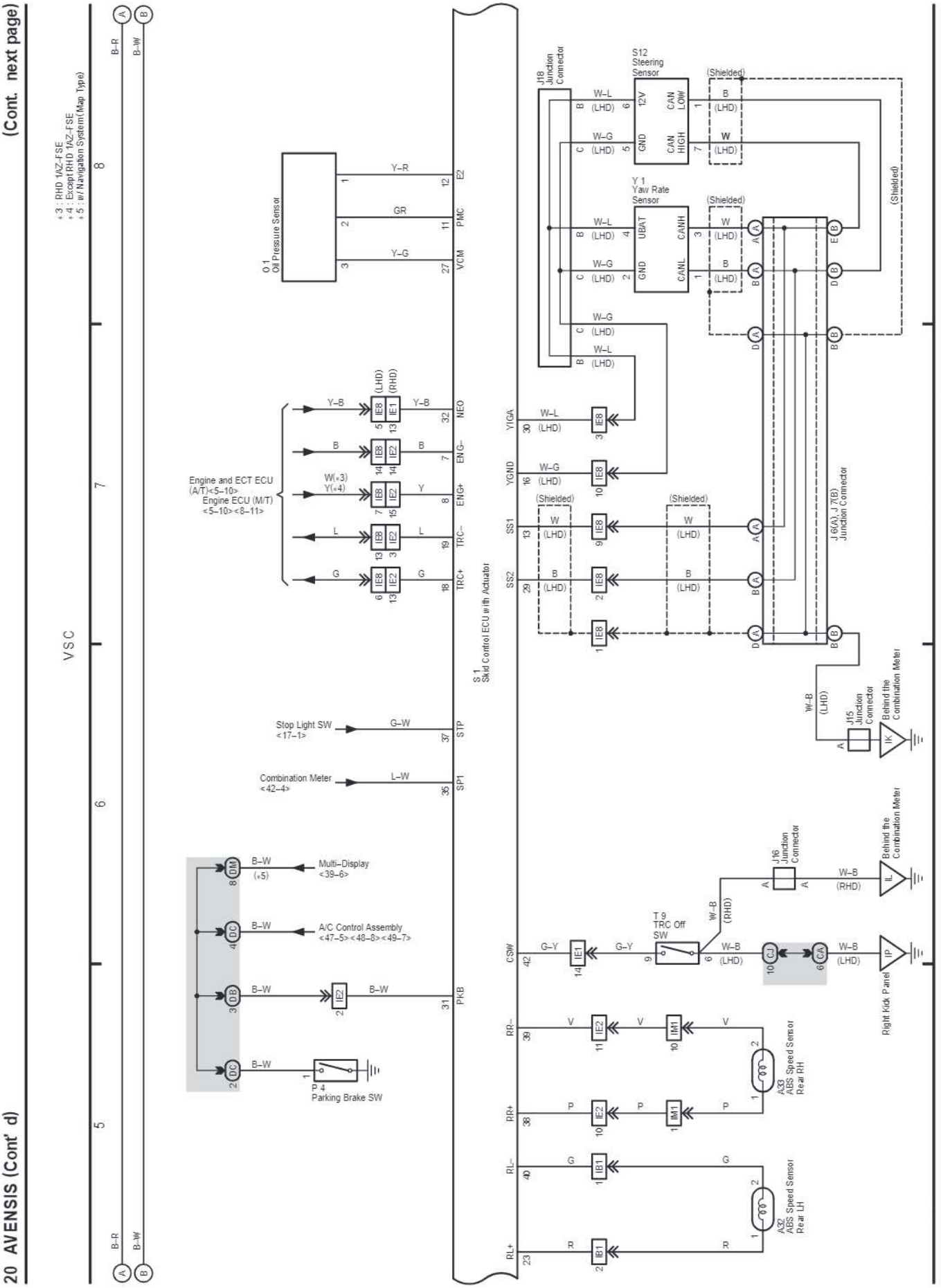
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19 AVENSIS (Cont' d)
Illumination
*12 : Power Heater (Combustion Type)
*13 : w/ Steering Sw
*14 : A/T Except 1AZ-FE
*15 : w/ Seat Heater
R 4
Radio and Player
T 7
Transmission Control SW
R11
Remote Controller (Navigation)
C 7
Cigarette Lighter
Illumination
P 5
Power Heater SW
S 7
Seat Heater SW
P 8
Personal Light
C14
Combination SW
E 8
ECT Pattern
Select SW
Radio and Player
System<41-2>
J17
Junction
Connector
J15
Junction
Connector
J32
Junction
Connector
J30(A), J31(B)
Junction
Connector
J16
Junction
Connector
J8(A), J9(B)
Junction Connector
J19
Junction
Connector
Instrument Panel
Reinforcement Center
Right Kick Panel
Behind the
Combination Meter
Lower Back
Panel Left
Left Kick
Panel
Behind the
Combination Meter

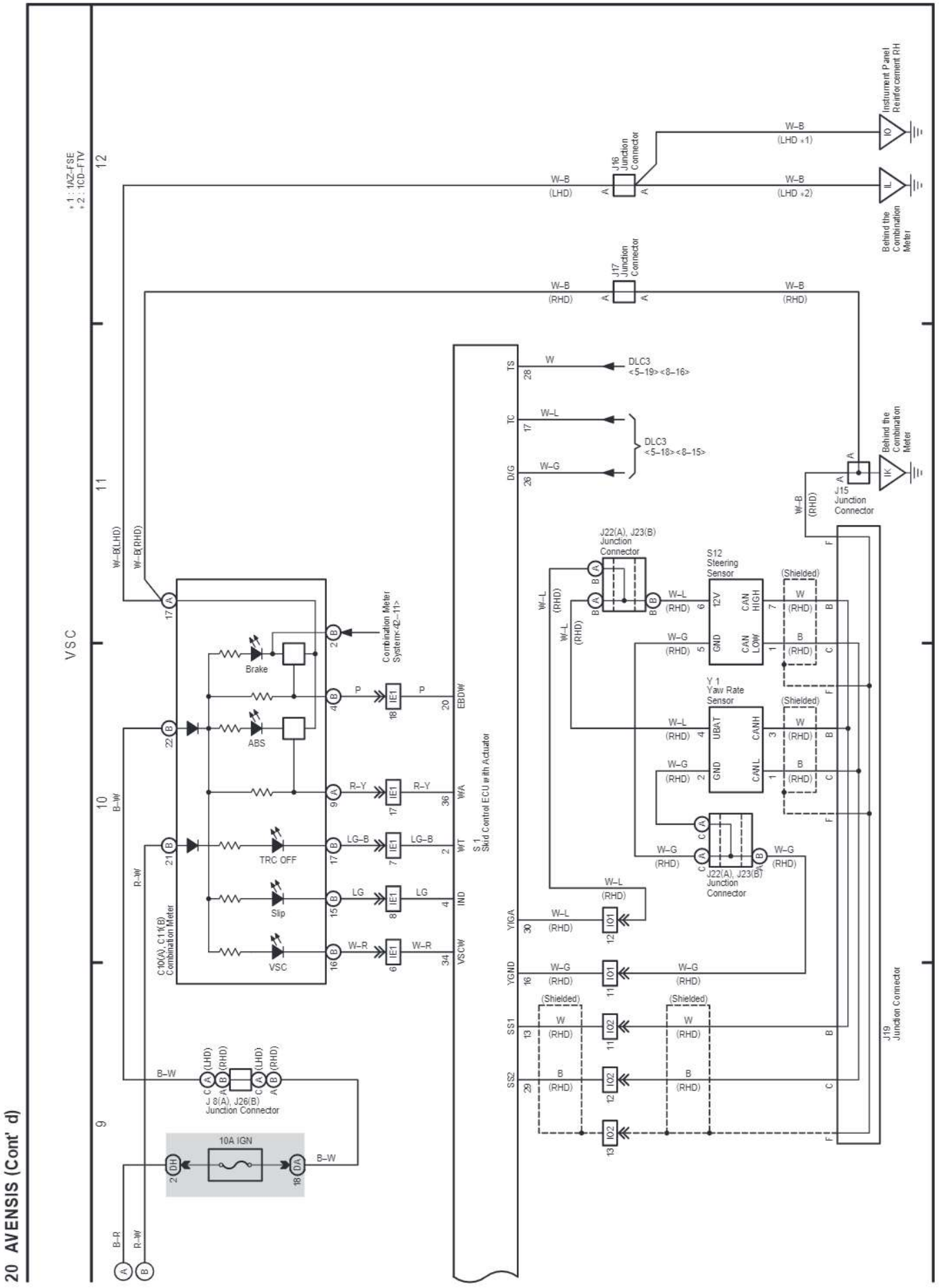
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(Cont. next page)
* 1 : 1NZ–FSE
* 2 : 1CD–FTV
VSC
Power Source
J10(A), J11(B), J20(C), J21(D) Junction Connector
V 7 VSC Warning Buzzer
Buzzer
S 1 Skid Control ECU with Actuator
A 5 ABS Speed Sensor Front RH
A 4 ABS Speed Sensor Front LH
Engine Compartment Right
Left Kick Panel
10A GAUGE1
7. 5A ECU–IG
IG1 Relay
25A AM1
I13 Ignition SW
30A AM2
50A VSC
25A VSC
120A ALT
140A ALT
F L MAIN 3. 0W
Battery
20 AVENSIS

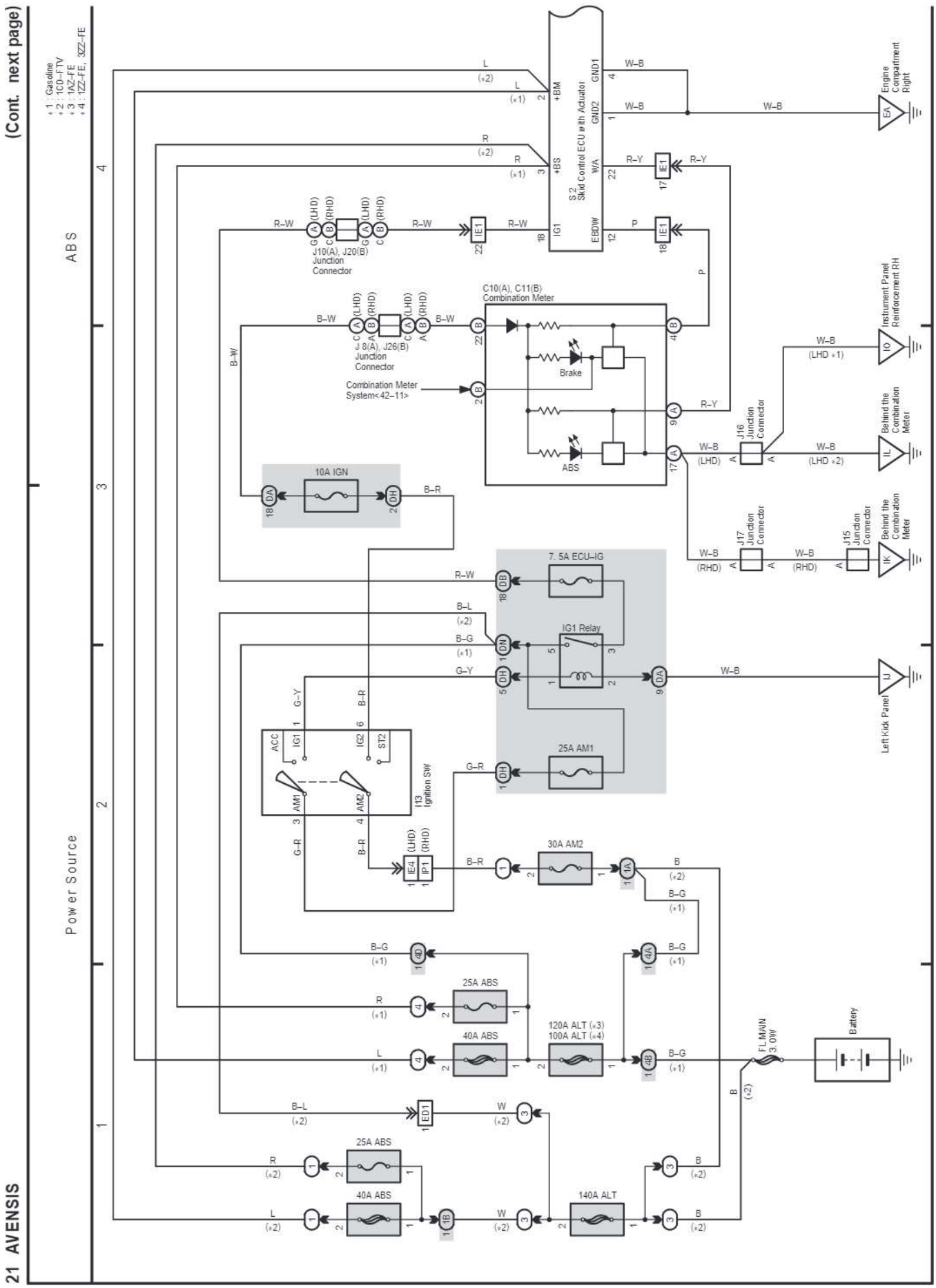
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20 AVENSIS (Cont' d)
(Cont. next page)
VSC
*3 : RHD 1AZ-FSE
*4 : Except RHD 1AZ-FSE
*5 : w/ Navigation System (Map Type)
Engine and ECT ECU (A/T)<5–10> Engine ECU (M/T) <5–10><8–11>
O 1 Oil Pressure Sensor
S 1 Skid Control ECU with Actuator
J18 Junction Connector
S12 Steering Sensor
Y 1 Yaw Rate Sensor
J 6(A), J 7(B) Junction Connector
J15 Junction Connector
J16 Junction Connector
T 9 TRC Off SW
Stop Light SW <17–1>
Combination Meter <42–4>
Multi–Display <39–6>
A/C Control Assembly <47–5><48–8><49–7>
P 4 Parking Brake SW
A33 ABS Speed Sensor Rear RH
A32 ABS Speed Sensor Rear LH
Behind the Combination Meter
Right Kick Panel
(LHD)
(RHD)
(Shielded)

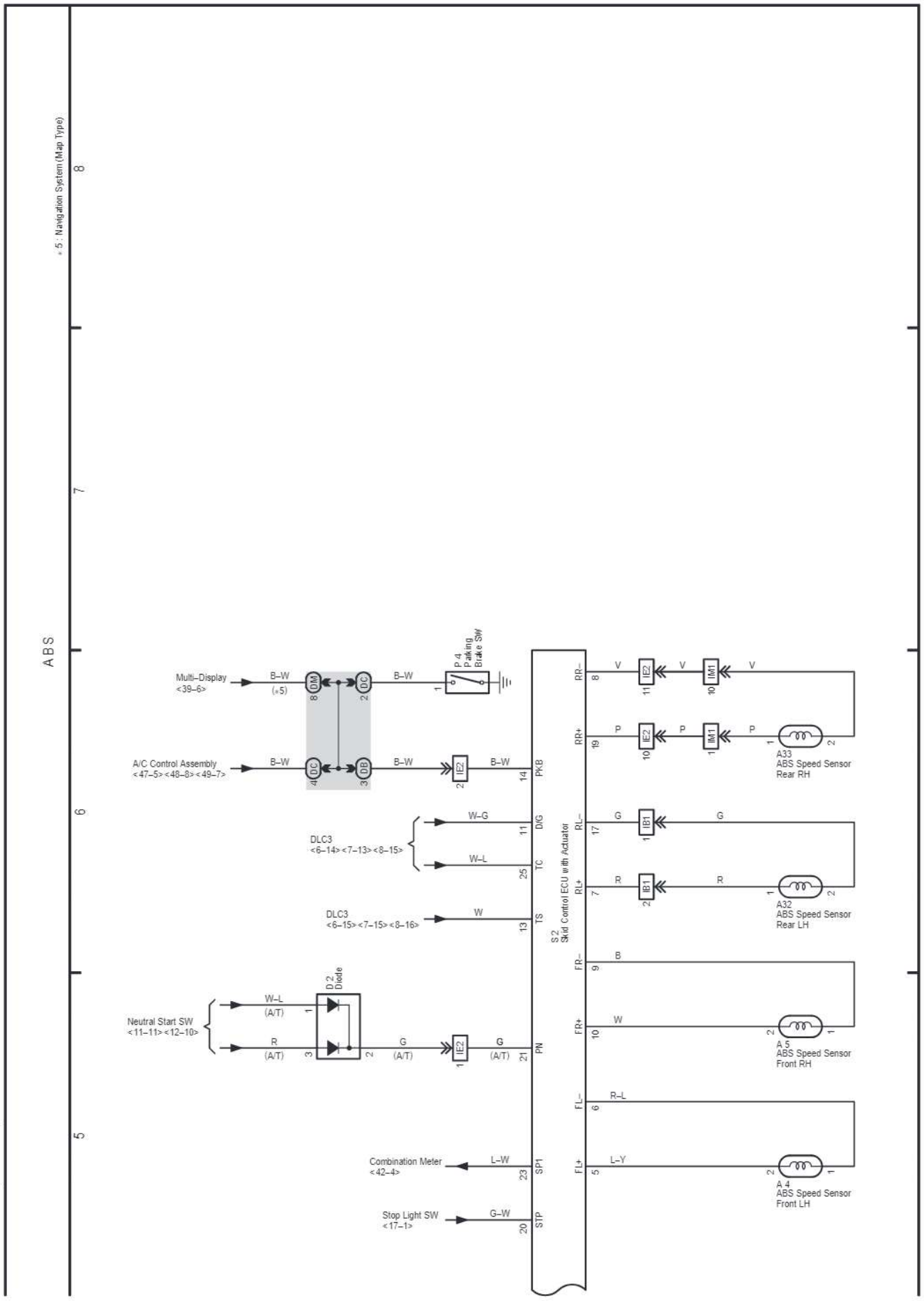
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20 AVENSIS (Cont' d)
VSC
*1 : 1AZ-FSE
*2 : 1CD-FTV
J16 Junction Connector
J17 Junction Connector
J15 Junction Connector
J19 Junction Connector
Instrument Panel Reinforcement RH
Behind the Combination Meter
DLC3
Combination Meter System
Brake
ABS
TRC OFF
Slip
VSC
C10(A), C11(B) Combination Meter
J 8(A), J26(B) Junction Connector
10A IGN
S 1 Skid Control ECU with Actuator
J22(A), J23(B) Junction Connector
S12 Steering Sensor
Y 1 Yaw Rate Sensor
(Shielded)

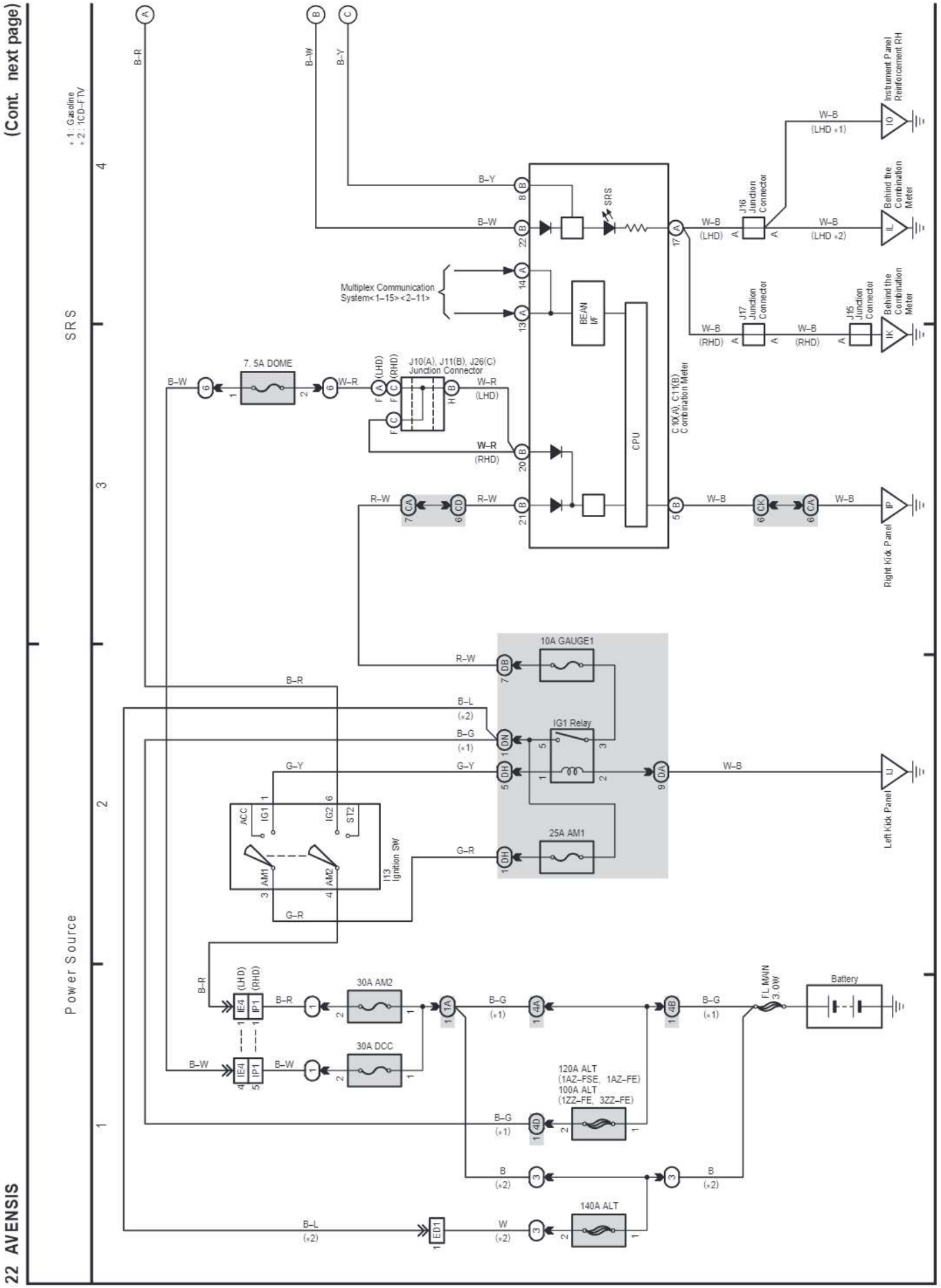
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(Cont. next page)
*1 : Gasoline
*2 : 1CD–FTV
*3 : 1AZ–FE
*4 : 1ZZ–FE, 3ZZ–FE
ABS
Power Source
21 AVENSIS
Skid Control ECU with Actuator
S2
+BM
+BS
IG1
GND1
GND2
W/A
EBDW
Engine Compartment Right
EA
J10(A), J20(B) Junction Connector
J8(A), J26(B) Junction Connector
C10(A), C11(B) Combination Meter
Brake
ABS
Combination Meter System< 42–11>
Instrument Panel Reinforcement RH
J16 Junction Connector
Behind the Combination Meter
J17 Junction Connector
J15 Junction Connector
10A IGN
7. 5A ECU–IG
IG1 Relay
25A AM1
30A AM2
I13 Ignition SW
ACC
IG1
IG2
ST2
AM1
AM2
Left Kick Panel
25A ABS
40A ABS
120A ALT (*3)
100A ALT (*4)
140A ALT
FL MAIN 3 OW
Battery

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21 AVENSIS (Cont' d)
ABS
5
6
7
8
*5 : Navigation System (Map Type)
Multi–Display
<39–6>
B–W
(*5)
DM
8
DC
2
B–W
P 4
Parking
Brake Sw
1
A/C Control Assembly
<47–5><48–8><49–7>
B–W
DC
4
DB
3
B–W
IE2
2
B–W
14
PKB
DLC3
<6–14><7–13><8–15>
W–G
11
D/G
W–L
25
TC
DLC3
<6–15><7–15><8–16>
W
13
TS
S 2
Skid Control ECU with Actuator
Neutral Start SW
<11–11><12–10>
W–L
(A/T)
1
D 2
Diode
R
(A/T)
3
2
G
(A/T)
IE2
1
G
(A/T)
21
PN
Combination Meter
<42–4>
L–W
23
SP1
Stop Light SW
<17–1>
G–W
20
STP
RR–
8
V
IE2
11
V
IM1
10
V
RR+
19
P
IE2
10
P
IM1
1
P
A33
ABS Speed Sensor
Rear RH
RL–
17
G
IB1
1
G
RL+
7
R
IB1
2
R
A32
ABS Speed Sensor
Rear LH
FR–
9
B
FR+
10
W
A 5
ABS Speed Sensor
Front RH
FL–
6
R–L
FL+
5
L–Y
A 4
ABS Speed Sensor
Front LH

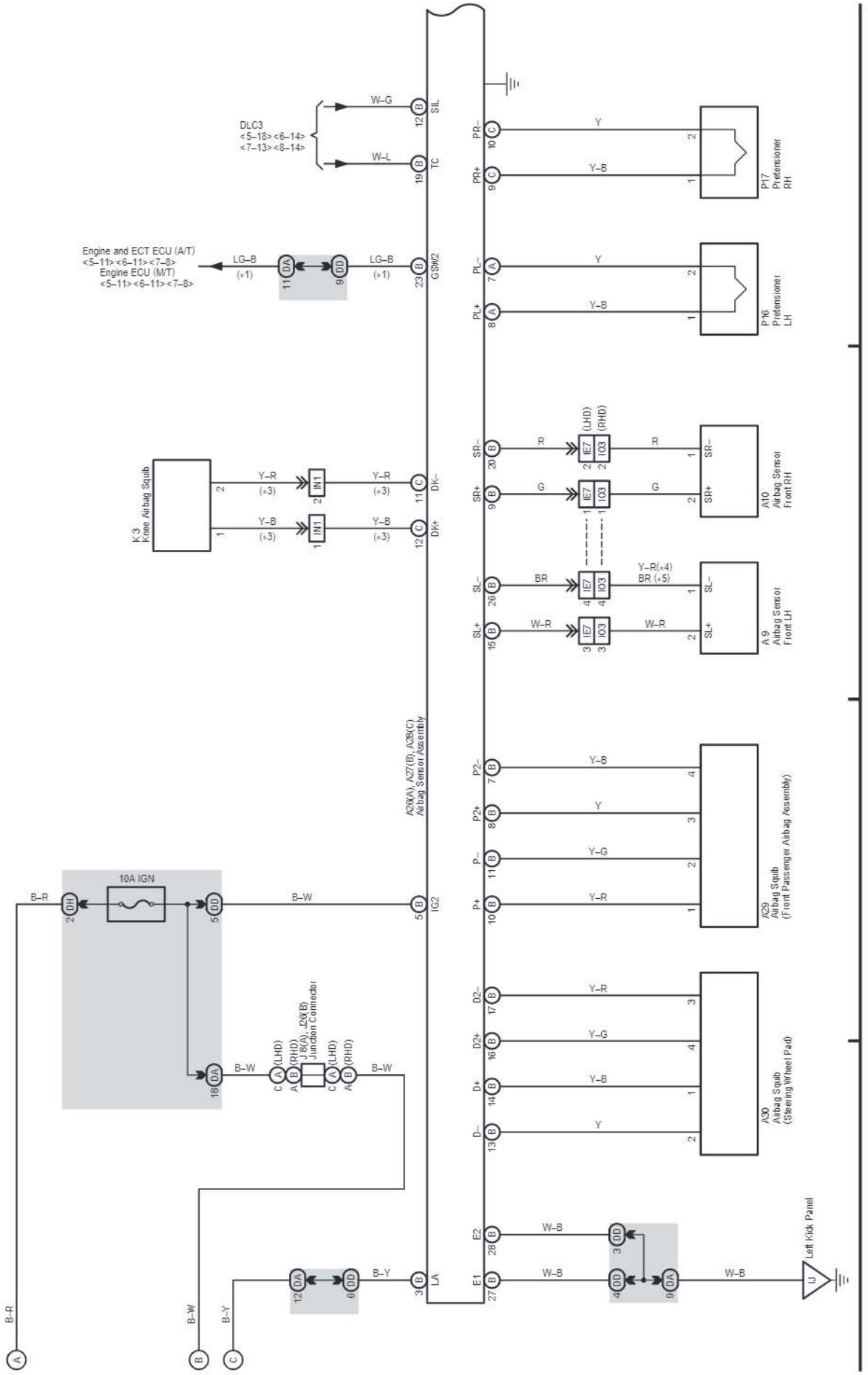
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(Cont. next page)
*1 : Gasoline
*2 : 1CD-FTV
SRS
Power Source
22 AVENSIS
Multiplex Communication System< 1–15> <2–11>
BEAN I/F
CPU
C 10(A), C11(B) Combination Meter
SRS
7. 5A DOME
J10(A), J11(B), J26(C) Junction Connector
J16 Junction Connector
J17 Junction Connector
J15 Junction Connector
Behind the Combination Meter
Instrument Panel Reinforcement RH
Right Kick Panel
Left Kick Panel
10A GAUGE1
IG1 Relay
25A AM1
I13 Ignition SW
30A AM2
30A DCC
120A ALT (1AZ–FSE, 1AZ–FE) 100A ALT (1ZZ–FE, 3ZZ–FE)
140A ALT
Battery
FL MAIN 3 0W
W–B (LHD *1)
W–B (LHD *2)
W–B (RHD)
W–R (LHD)
W–R (RHD)
B–W
B–Y
B–R
B–L (*2)
B–G (*1)
G–Y
G–R
R–W
W–B
B (*2)
W (*2)

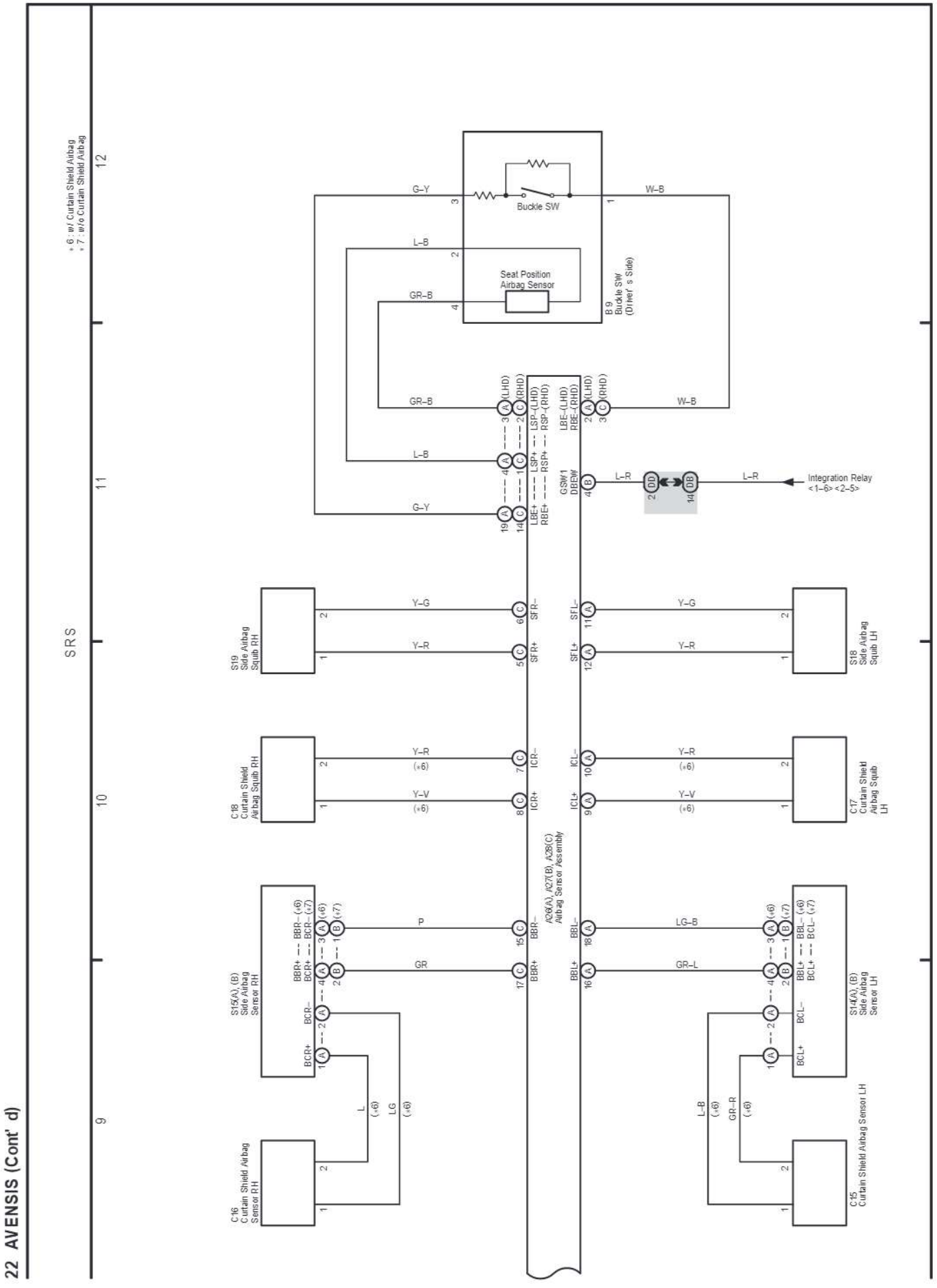
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22 AVENSIS (Cont' d)

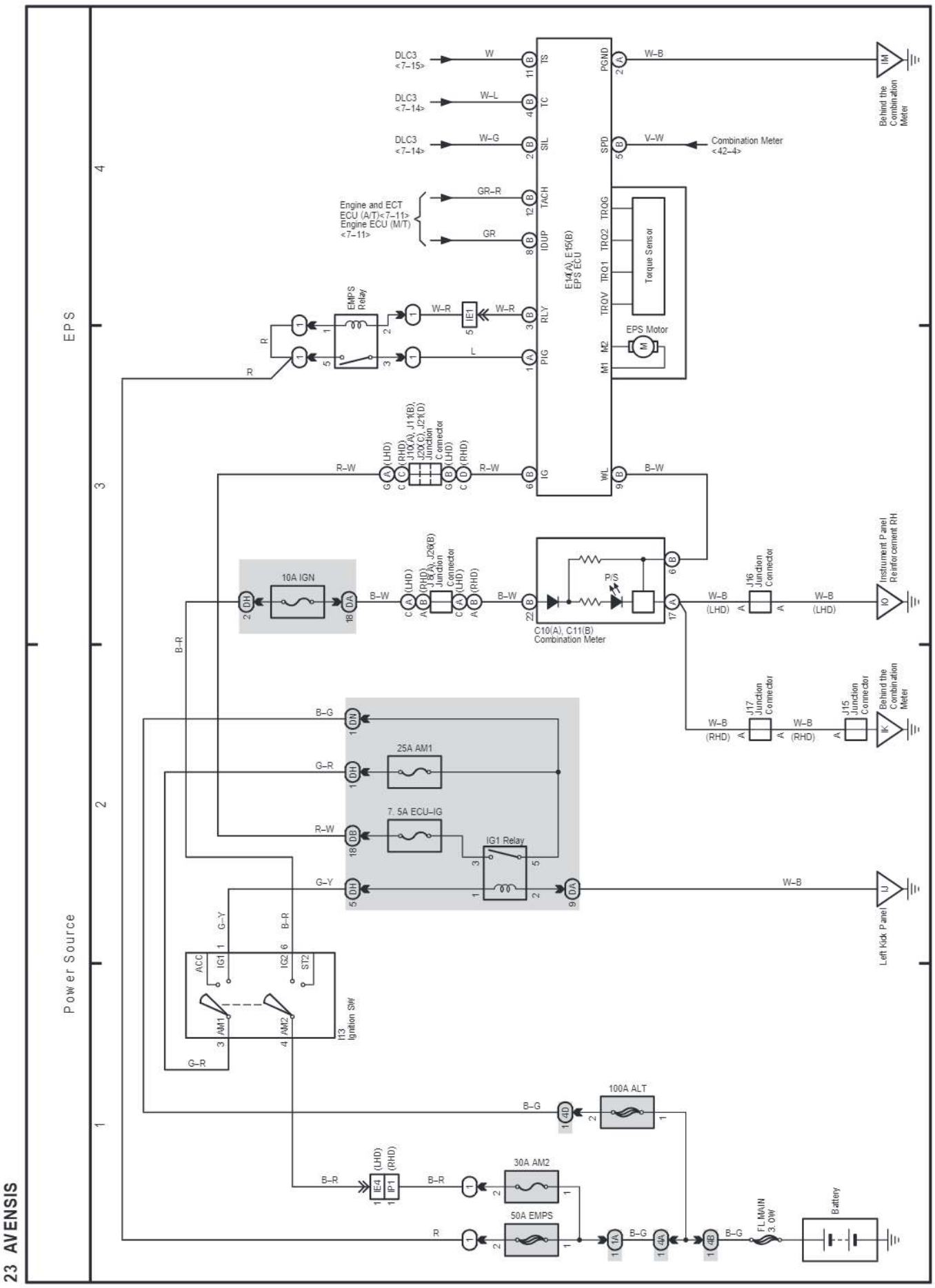
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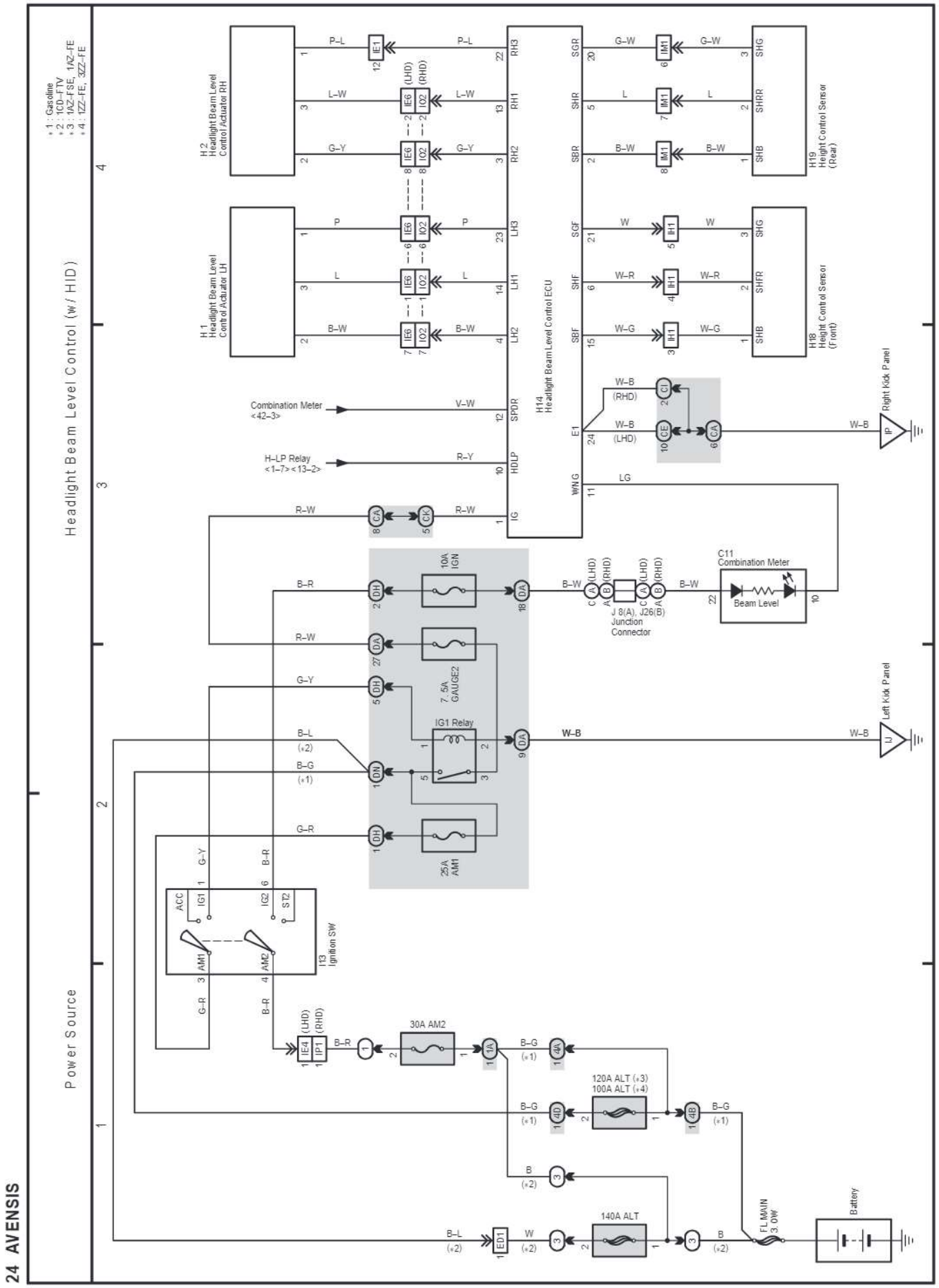
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22 AVENSIS (Cont' d)
SRS
9
10
11
12
* 6 : w/ Curtain Shield Airbag
* 7 : w/o Curtain Shield Airbag
Buckle SW
Seat Position Airbag Sensor
B 9 Buckle SW (Driver' s Side)
G–Y
W–B
L–B
GR–B
(LHD)
(RHD)
LSP–(LHD)
RSP–(RHD)
LBE–(LHD)
RBE–(RHD)
GSW(1
DBEW
L–R
Integration Relay
<1–6> <2–5>
S19 Side Airbag Squib RH
S18 Side Airbag Squib LH
Y–G
Y–R
SFR–
SFR+
SFL–
SFL+
C18 Curtain Shield Airbag Squib RH
C17 Curtain Shield Airbag Squib LH
Y–V
ICR–
ICR+
ICL–
ICL+
A26(A), A27(B), A28(C) Airbag Sensor Assembly
S15(A), (B) Side Airbag Sensor RH
S14(A), (B) Side Airbag Sensor LH
P
GR
LG–B
GR–L
BBR–
BBR+
BBL–
BBL+
BCR–
BCR+
BCL–
BCL+
C16 Curtain Shield Airbag Sensor RH
C15 Curtain Shield Airbag Sensor LH
L
LG
L–B
GR–R

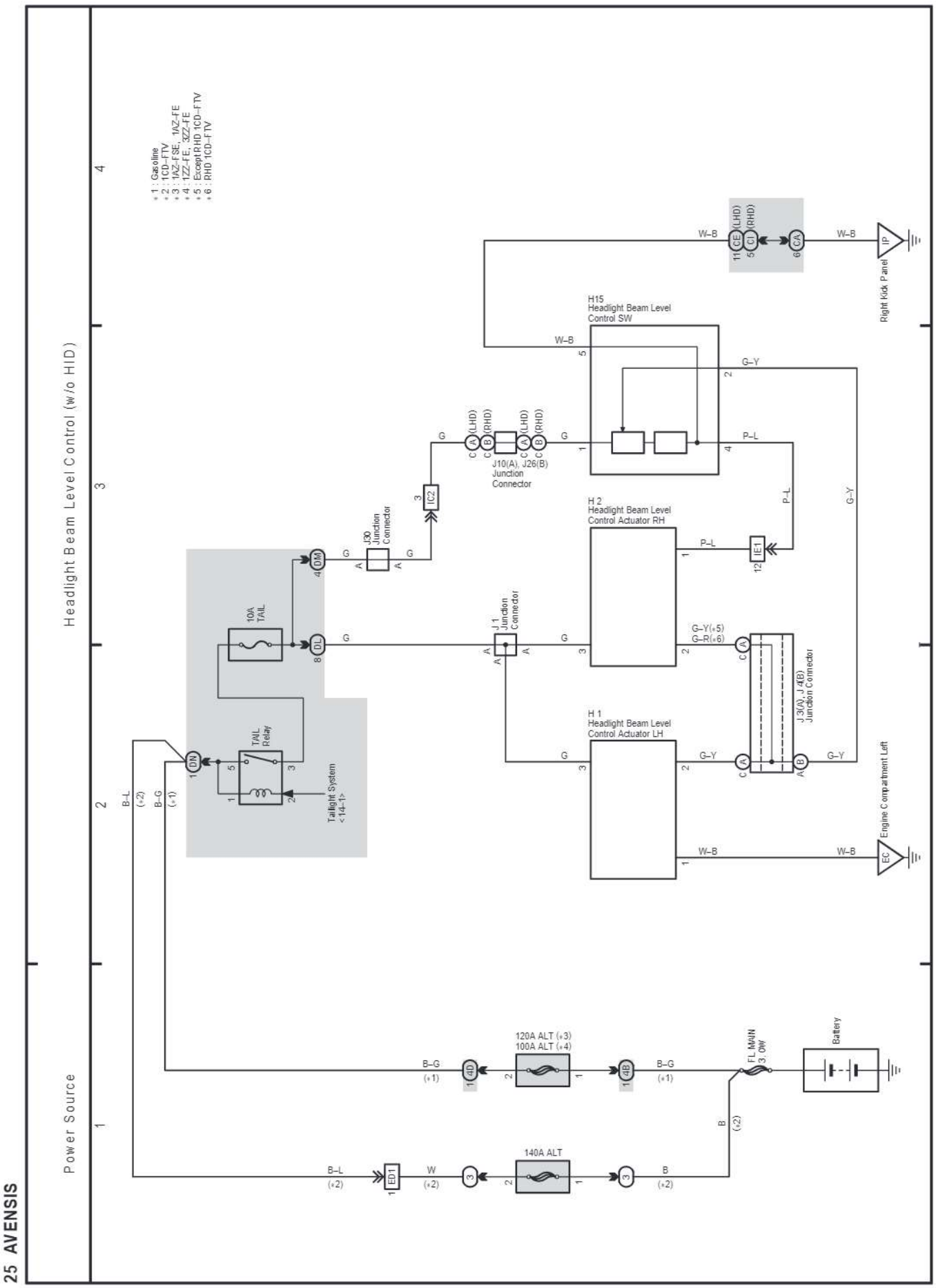
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EPS
Power Source
DLC3 <7–15>
DLC3 <7–14>
DLC3 <7–14>
W
W–L
W–G
Engine and ECT ECU (A/T)<7–11> Engine ECU (M/T) <7–11>
GR–R
GR
E14(A), E15(B) EPS ECU
TS
TC
SIL
TACH
IDUP
RLY
IG
PIG
PGND
SPD
TRQG
TRQ2
TRQ1
TRQV
M2
M1
W/L
Torque Sensor
EPS Motor
Combination Meter <42–4>
V–W
W–B
Behind the Combination Meter
EMPS Relay
W–R
R
L
R–W
B–W
J10(A), J11(B), J20(C), J21(D) Junction Connector
10A IGN
B–W
J19(A), J26(B) Junction Connector
C10(A), C11(B) Combination Meter
P/S
J16 Junction Connector
Instrument Panel Reinforcement RH
W–B (LHD)
W–B (RHD)
J17 Junction Connector
J15 Junction Connector
B–G
G–R
R–W
G–Y
B–R
25A AM1
7. 5A ECU–IG
IG1 Relay
Left Kick Panel
ACC
IG1
IG2
ST2
AM1
AM2
I13 Ignition SW
100A ALT
30A AM2
50A EMPS
IE4 (LHD)
IP1 (RHD)
FL MAIN
3. 0W
Battery

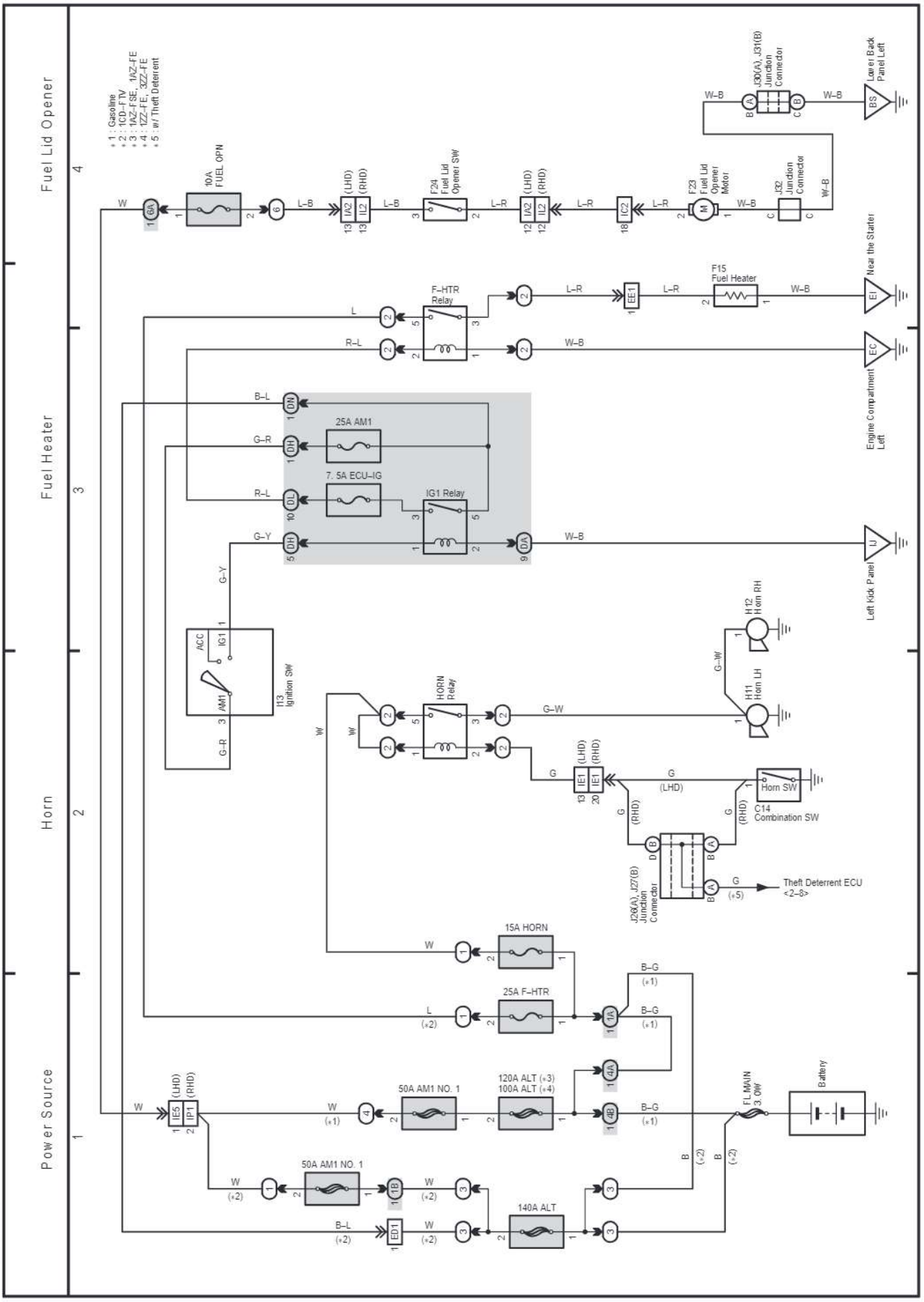
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*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1AZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
Headlight Beam Level Control (w/ HID)
Power Source
H2 Headlight Beam Level Control Actuator RH
H1 Headlight Beam Level Control Actuator LH
H14 Headlight Beam Level Control ECU
H19 Height Control Sensor (Rear)
H18 Height Control Sensor (Front)
Combination Meter <42-3>
H-LP Relay <1-7> <13-2>
Right Kick Panel
Left Kick Panel
C11 Combination Meter
Beam Level
J 8(A), J26(B) Junction Connector
10A IGN
7.5A GAUGE2
IG1 Relay
25A AM1
30A AM2
I13 Ignition SW
120A ALT (*3) 100A ALT (*4)
140A ALT
FL MAIN 3.0W
Battery

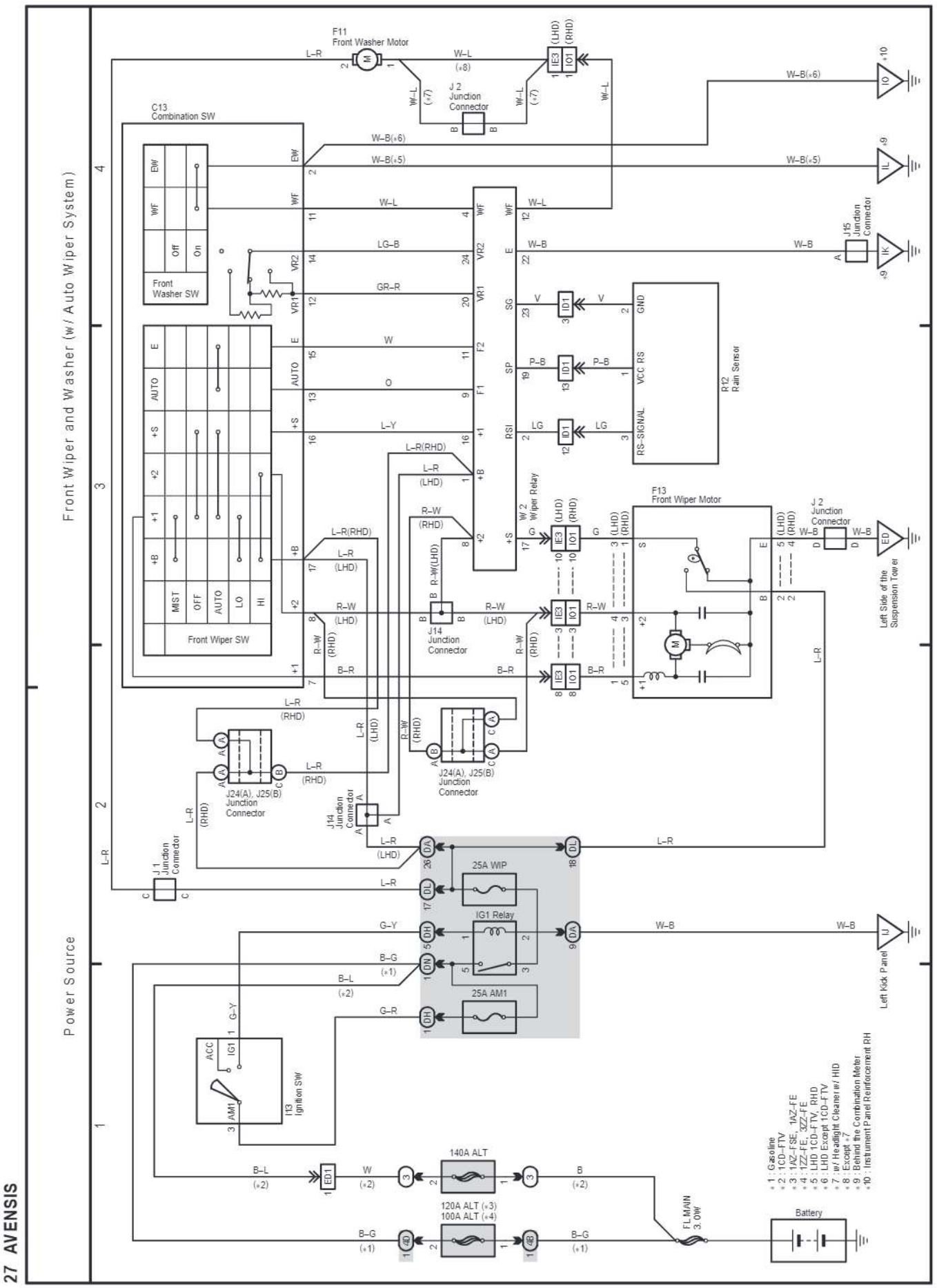
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Headlight Beam Level Control (w/o HID)
Power Source
*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1NZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
*5 : Except RHD 1CD-FTV
*6 : RHD 1CD-FTV
H15
Headlight Beam Level
Control SW
H 2
Headlight Beam Level
Control Actuator RH
H 1
Headlight Beam Level
Control Actuator LH
J10(A), J26(B)
Junction
Connector
J30
Junction
Connector
J 1
Junction
Connector
J 3(A), J 4(B)
Junction Connector
10A
TAIL
TAIL
Relay
Taillight System
<14-1>
120A ALT (*3)
100A ALT (*4)
140A ALT
FL MAIN
3. 0W
Battery
Right Kick Panel
Engine Compartment Left
W–B
G–Y
P–L
G
B–G
B–L
W
B
G–Y(*5)
G–R(*6)

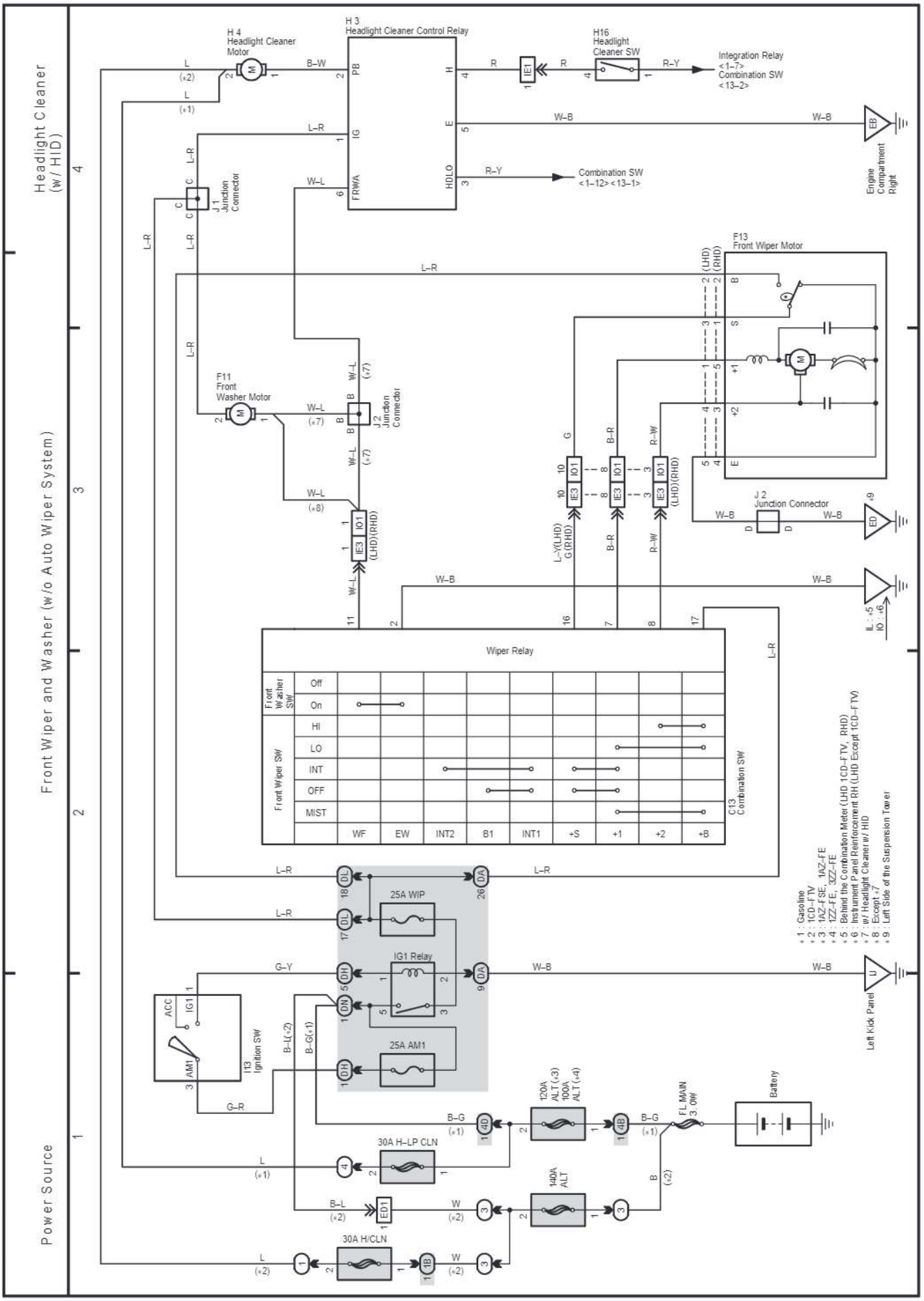
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Fuel Lid Opener
Fuel Heater
Horn
Power Source
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : 1AZ-FSE, 1MZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE
* 5 : w/ Theft Deterrent
10A FUEL OPN
F24 Fuel Lid Opener SW
F23 Fuel Lid Opener Motor
J32 Junction Connector
J30(A), J31(B) Junction Connector
Lower Back Panel Left
F-HTR Relay
F15 Fuel Heater
Near the Starter
Engine Compartment Left
25A AM1
7.5A ECU-IG
IG1 Relay
Left Kick Panel
H12 Horn RH
H11 Horn LH
HORN Relay
I13 Ignition SW
Horn SW
C14 Combination SW
J26(A), J27(B) Junction Connector
Theft Deterrent ECU
15A HORN
25A F-HTR
50A AM1 NO. 1
120A ALT (*3)
100A ALT (*4)
140A ALT
FL MAIN 3 OW
Battery

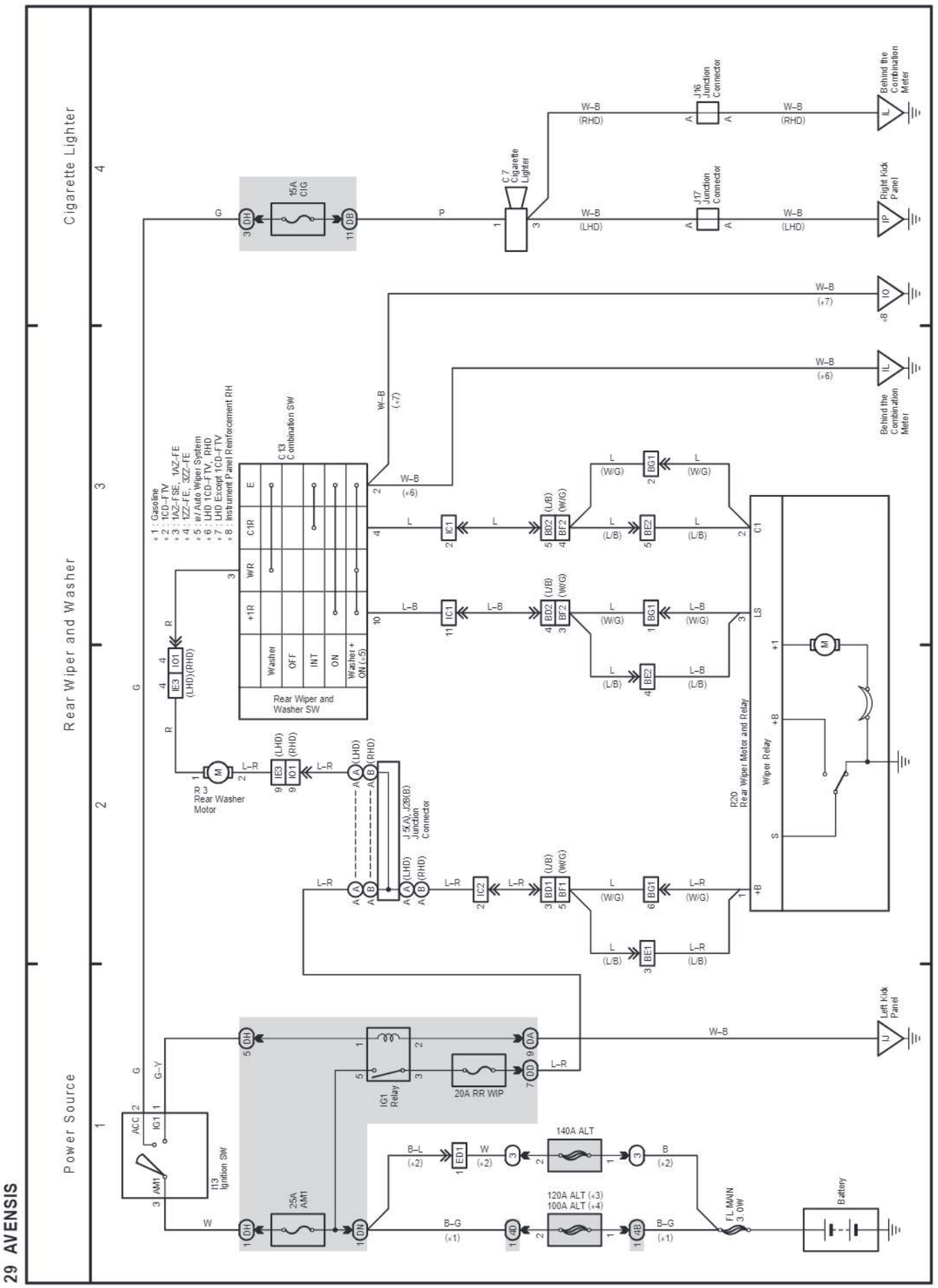
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Front Wiper and Washer (w/ Auto Wiper System)
Power Source
27 AVENSIS
F11
Front Washer Motor
C13
Combination SW
Front
Washer SW
Front Wiper SW
J 2
Junction
Connector
J14
Junction
Connector
J24(A), J25(B)
Junction
Connector
J1
Junction
Connector
J15
Junction
Connector
W 2
Wiper Relay
F13
Front Wiper Motor
R12
Rain Sensor
Left Side of the
Suspension Tower
Left Kick Panel
25A WIP
IG1 Relay
25A AM1
I13
Ignition SW
140A ALT
120A ALT (*3)
100A ALT (*4)
FL MAIN
3 OW
Battery
*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1AZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
*5 : LHD 1CD-FTV, RHD
*6 : LHD Except 1CD-FTV
*7 : w/ Headlight Cleaner w/ HID
*8 : Except *7
*9 : Behind the Combination Meter
*10 : Instrument Panel Reinforcement RH

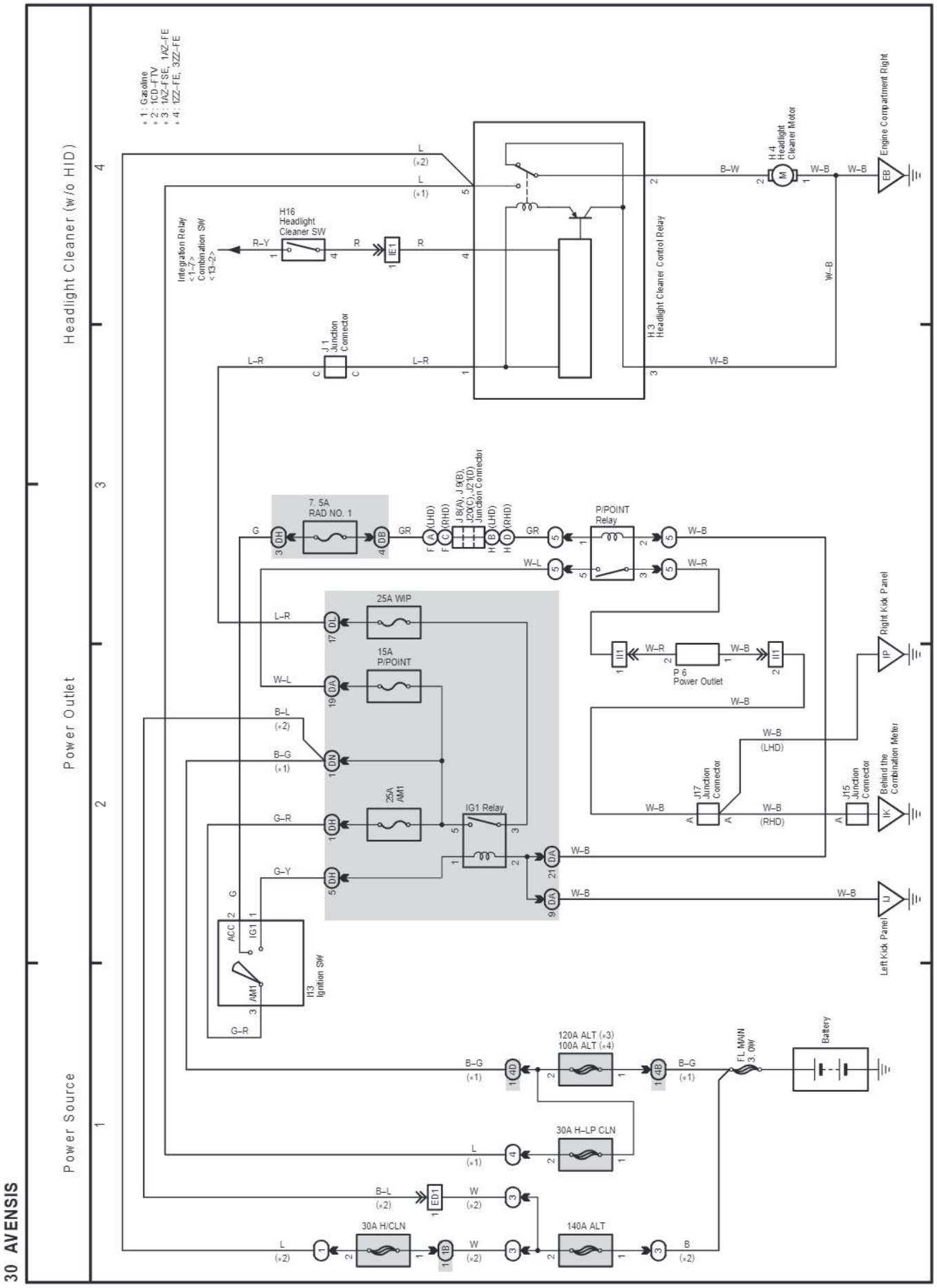
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Headlight Cleaner (w/ HID)
Front Wiper and Washer (w/o Auto Wiper System)
Power Source
H 4 Headlight Cleaner Motor
H 3 Headlight Cleaner Control Relay
H16 Headlight Cleaner SW
Integration Relay <1–7> Combination SW <13–2>
Combination SW <1–12> <13–1>
J1 Junction Connector
F11 Front Washer Motor
J2 Junction Connector
F13 Front Wiper Motor
J 2 Junction Connector
Engine Compartment Right
Left Kick Panel
Wiper Relay
C13 Combination SW
Front Washer SW
Front Wiper SW
Off
On
HI
LO
INT
OFF
MIST
WF
EW
INT2
B1
INT1
+S
+1
+2
+B
25A WIP
IG1 Relay
25A AM1
I13 Ignition SW
ACC
IG1
AM1
120A ALT (-3) 100A ALT (-4)
140A ALT
30A H–LP CLN
30A H/CLN
FL MAIN 3. 0W
Battery
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : 1AZ–FSE, 1AZ–FE
* 4 : 1ZZ–FE, 3ZZ–FE
* 5 : Behind the Combination Meter (LHD 1CD–FTV, RHD)
* 6 : Instrument Panel Reinforcement RH (LHD Except 1CD–FTV)
* 7 : w/ Headlight Cleaner w/ HID
* 8 : Except *7
* 9 : Left Side of the Suspension Tower

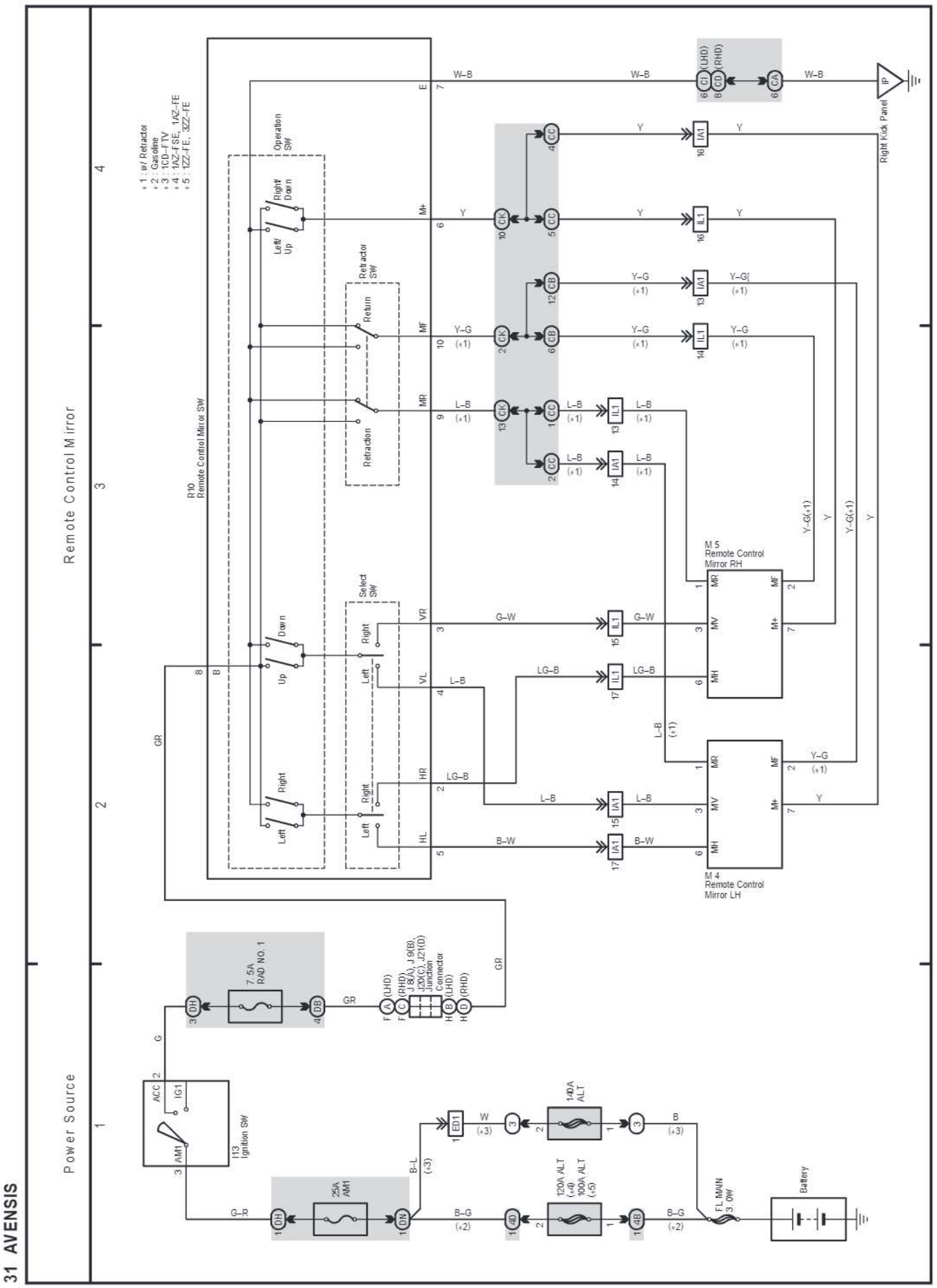
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Power Source
Rear Wiper and Washer
Cigarette Lighter
1
2
3
4
29 AVENSIS
*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1AZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
*5 : w/ Auto Wiper System
*6 : LHD 1CD-FTV, RHD
*7 : LHD Except 1CD-FTV
*8 : Instrument Panel Reinforcement RH
C13 Combination SW
Rear Wiper and Washer SW
Washer
OFF
INT
ON
Washer + ON (*5)
E
C1R
W/R
+1R
R3 Rear Washer Motor
IE3 IO1 (LHD)(RHD)
J5(A), J26(B) Junction Connector
R20 Rear Wiper Motor and Relay
Wiper Relay
+1
+B
LS
S
C1
M
IG1 Relay
20A RR WIP
25A AM1
15A CIG
C7 Cigarette Lighter
I13 Ignition SW
ACC
IG1
AM1
140A ALT
120A ALT (*3)
100A ALT (*4)
FL MAIN 3 OW
Battery
J16 Junction Connector
J17 Junction Connector
Behind the Combination Meter
Right Kick Panel
Left Kick Panel
W-B (RHD)
W-B (LHD)
W-B (*7)
W-B (*6)
W-B (*8)
L (W/G)
L (L/B)
L-B (W/G)
L-B (L/B)
L-R (W/G)
L-R (L/B)
G
G-Y
W
B-L (*2)
B (*2)
B-G (*1)
P
R
L-R

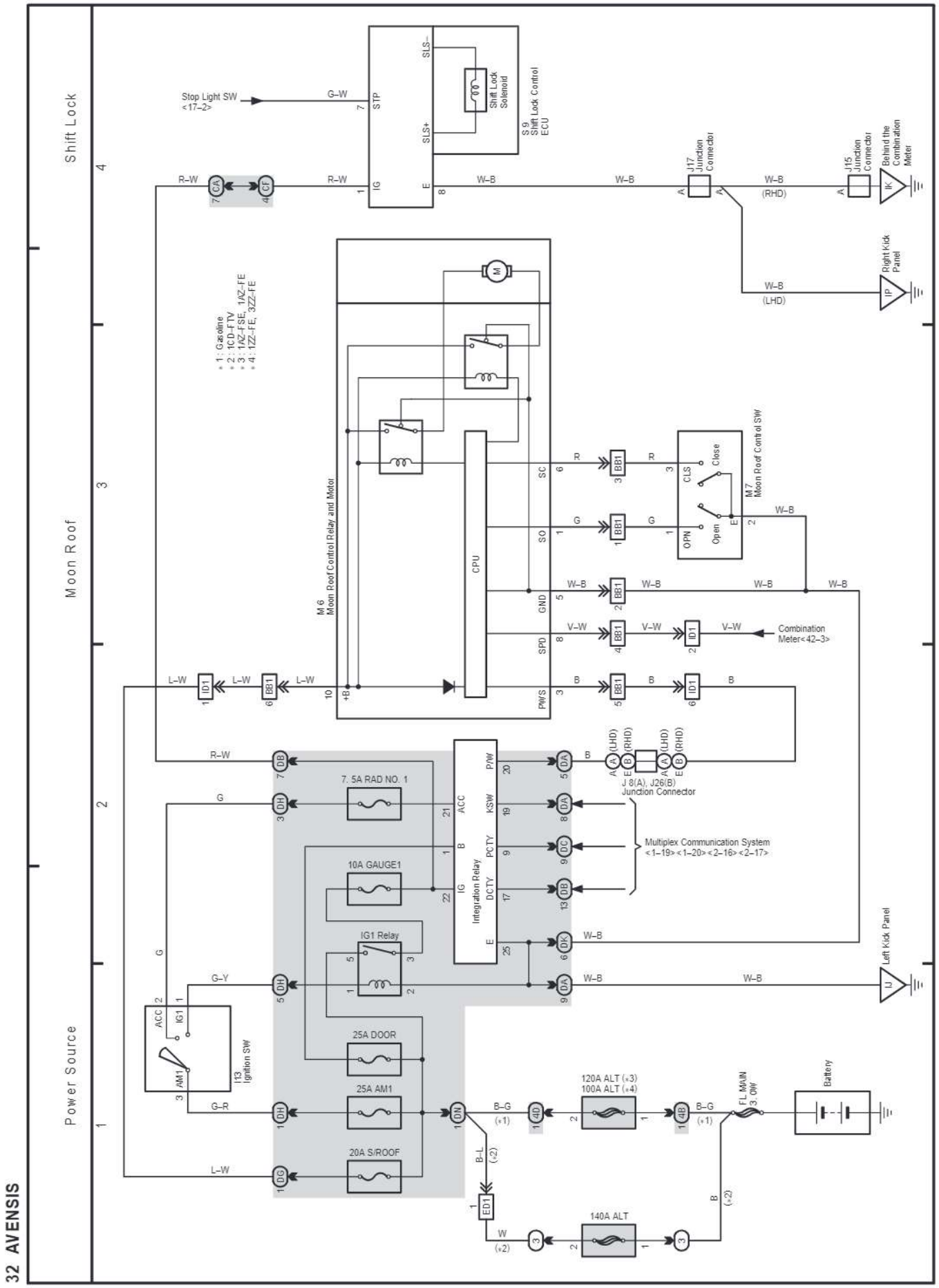
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Headlight Cleaner (w/o HID)
Power Outlet
Power Source
30 AVENSIS
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : 1AZ-FSE, 1AZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE
H16 Headlight Cleaner SW
Integration Relay <1-7> Combination SW <13-2>
H3 Headlight Cleaner Control Relay
H4 Headlight Cleaner Motor
Engine Compartment Right
J1 Junction Connector
7.5A RAD NO. 1
J8(A), J9(B), J20(C), J21(D) Junction Connector
P/POINT Relay
25A WIP
15A P/POINT
25A AM1
IG1 Relay
I13 Ignition SW
P6 Power Outlet
Right Kick Panel
J17 Junction Connector
J15 Junction Connector
Behind the Combination Meter
Left Kick Panel
120A ALT (*3) 100A ALT (*4)
Battery
30A H-LP CLN
30A H/CLN
140A ALT

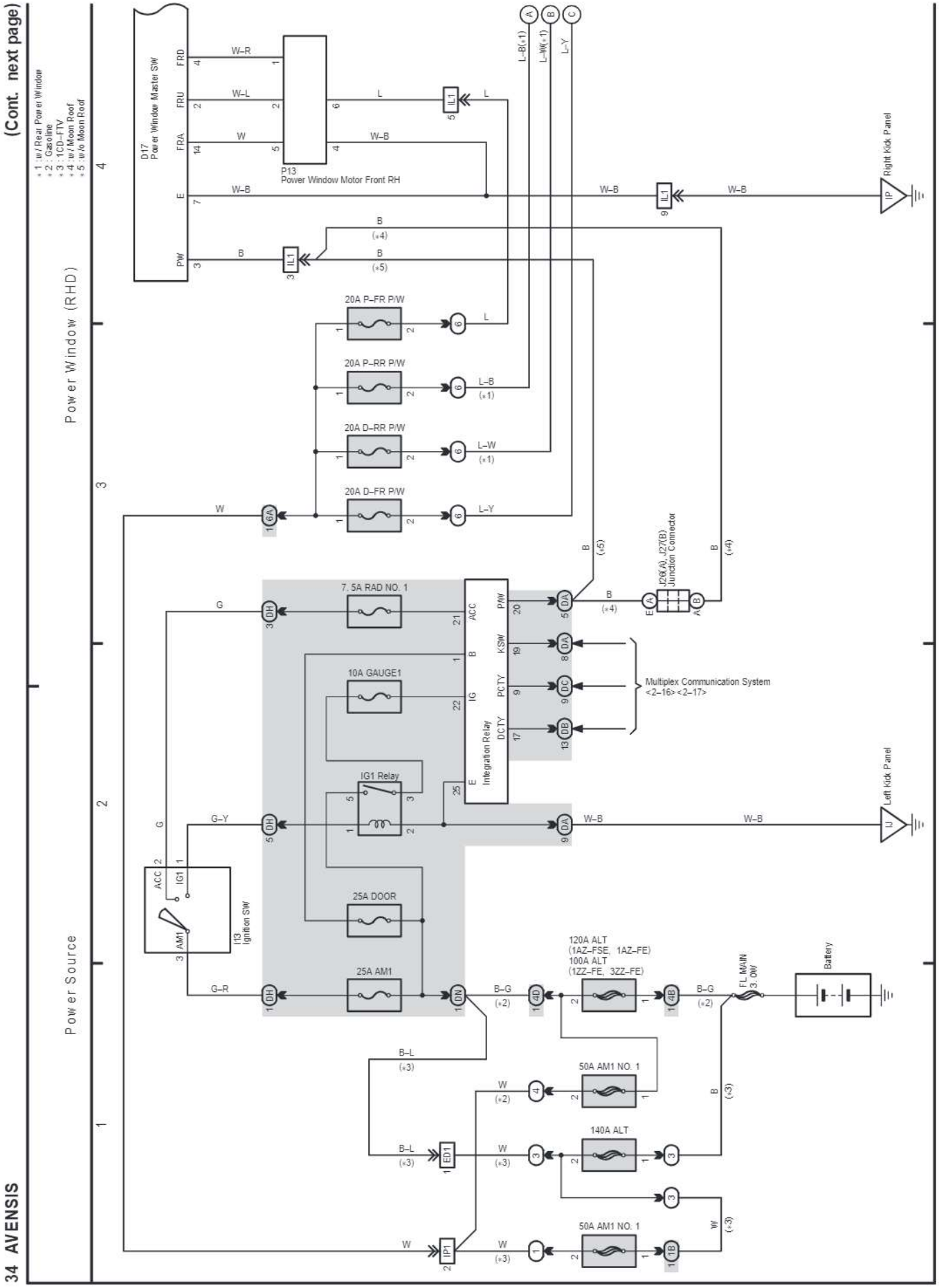
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31 AVENSIS
Power Source
Remote Control Mirror
1
2
3
4
* 1 : w/ Retractor
* 2 : Gasoline
* 3 : 1CD-FTV
* 4 : 1AZ-FSE, 1AZ-FE
* 5 : 1ZZ-FE, 3ZZ-FE
R10
Remote Control Mirror SW
Operation SW
Retractor SW
Select SW
Right/ Down
Left/ Up
Return
Retraction
Down
Up
Right
Left
M 5
Remote Control Mirror RH
M 4
Remote Control Mirror LH
Right Kick Panel
I13
Ignition SW
ACC
IG1
AM1
7.5A RAD NO. 1
25A AM1
14DA ALT
120A ALT (*4) 100A ALT (*5)
FL MAIN 3. 0W
Battery
J 8(A), J 9(B), J20(C), J21(D) Junction Connector
W-B
Y
Y-G
L-B
G-W
LG-B
B-W
GR
G
B
B-L
W
B
B-G

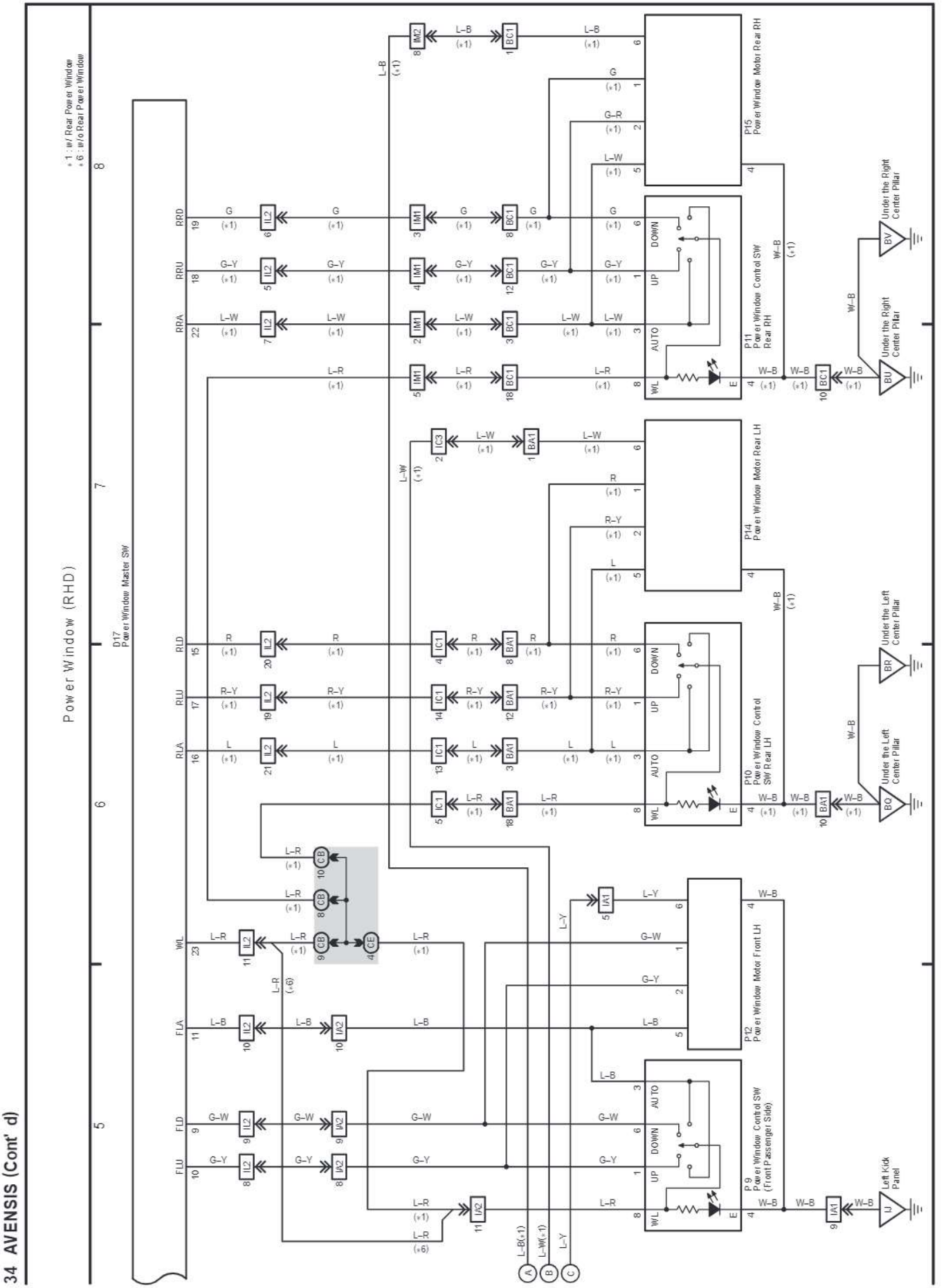
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Shift Lock
Moon Roof
Power Source
Stop Light SW
<17–2>
G–W
STP
SLS–
SLS+
Shift Lock Solenoid
S 9
Shift Lock Control ECU
R–W
CA
CF
IG
E
W–B
J17 Junction Connector
J15 Junction Connector
Behind the Combination Meter
IK
(RHD)
(LHD)
Right Kick Panel
IP
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : 1AZ-FSE, 1AZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE
M
M 6
Moon Roof Control Relay and Motor
CPU
SC
SO
GND
SPD
PWS
M7
Moon Roof Control SW
CLS
Close
OPN
Open
E
BB1
ID1
L–W
V–W
B
Combination Meter<42–3>
+B
7. 5A RAD NO. 1
10A GAUGE1
IG1 Relay
25A DOOR
25A AM1
20A S/ROOF
Integration Relay
ACC
KSW
PCTY
DCTY
P/W
Multiplex Communication System
<1–19><1–20><2–16><2–17>
J 8(A), J26(B)
Junction Connector
I13
Ignition SW
ACC
IG1
AM1
120A ALT (*3)
100A ALT (*4)
140A ALT
B–G
B–L
W
(*1)
(*2)
FL MAIN
3. 0W
Battery
Left Kick Panel
IJ

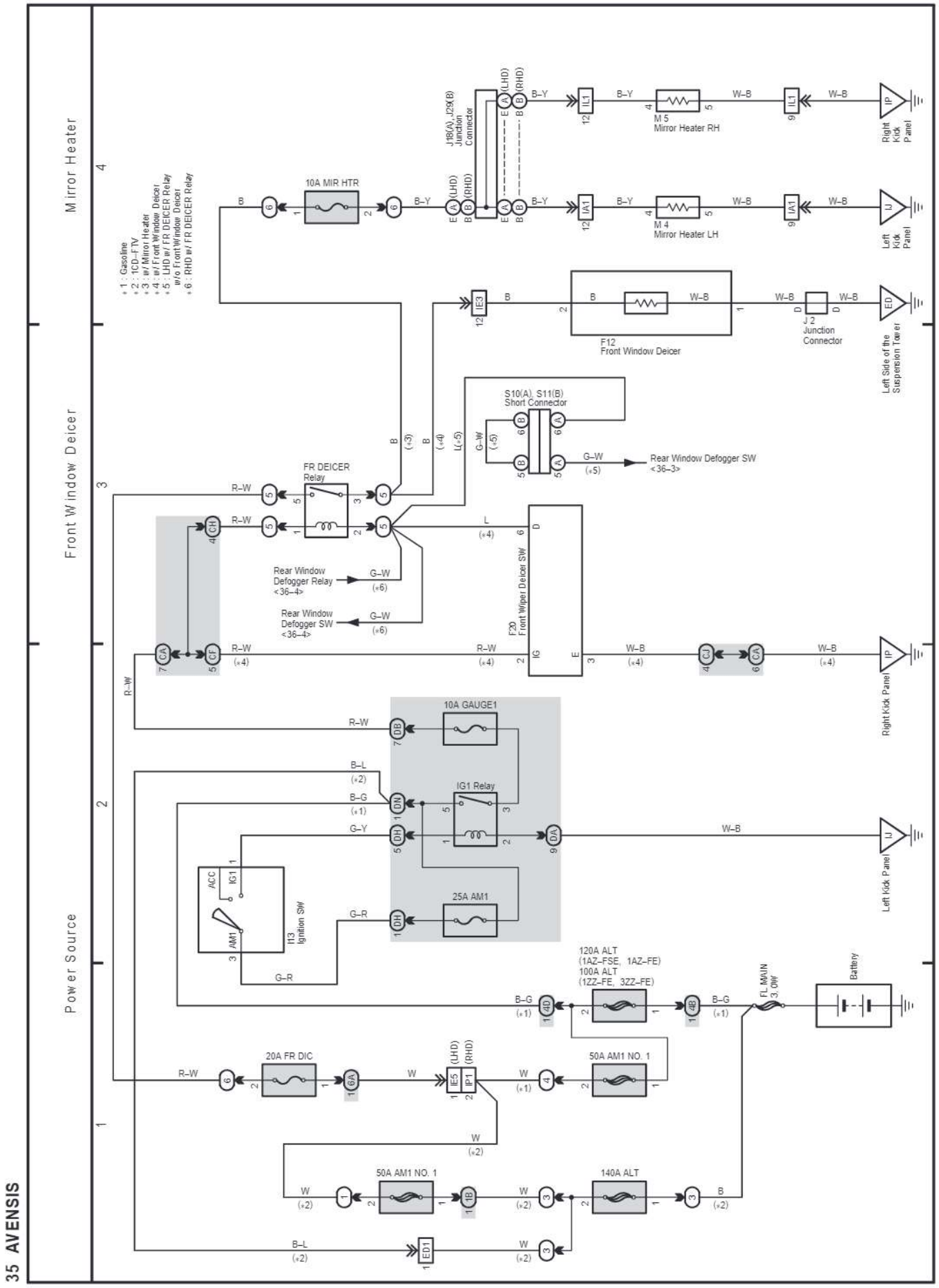
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(Cont. next page)
*1 : w/ Rear Power Window
*2 : Gasoline
*3 : 1CD-FTV
*4 : w/ Moon Roof
*5 : w/o Moon Roof
Power Window (RHD)
Power Source
D17
Power Window Master SW
P13
Power Window Motor Front RH
Right Kick Panel
Left Kick Panel
20A P-FR P/W
20A P-RR P/W
20A D-RR P/W
20A D-FR P/W
7.5A RAD NO. 1
10A GAUGE1
IG1 Relay
25A DOOR
25A AM1
I13
Ignition SW
Integration Relay
Multiplex Communication System
<2-16> <2-17>
J26(A), J27(B)
Junction Connector
120A ALT
(1AZ-FSE, 1AZ-FE)
100A ALT
(1ZZ-FE, 3ZZ-FE)
50A AM1 NO. 1
140A ALT
FL MAIN
Battery
34 AVENSIS

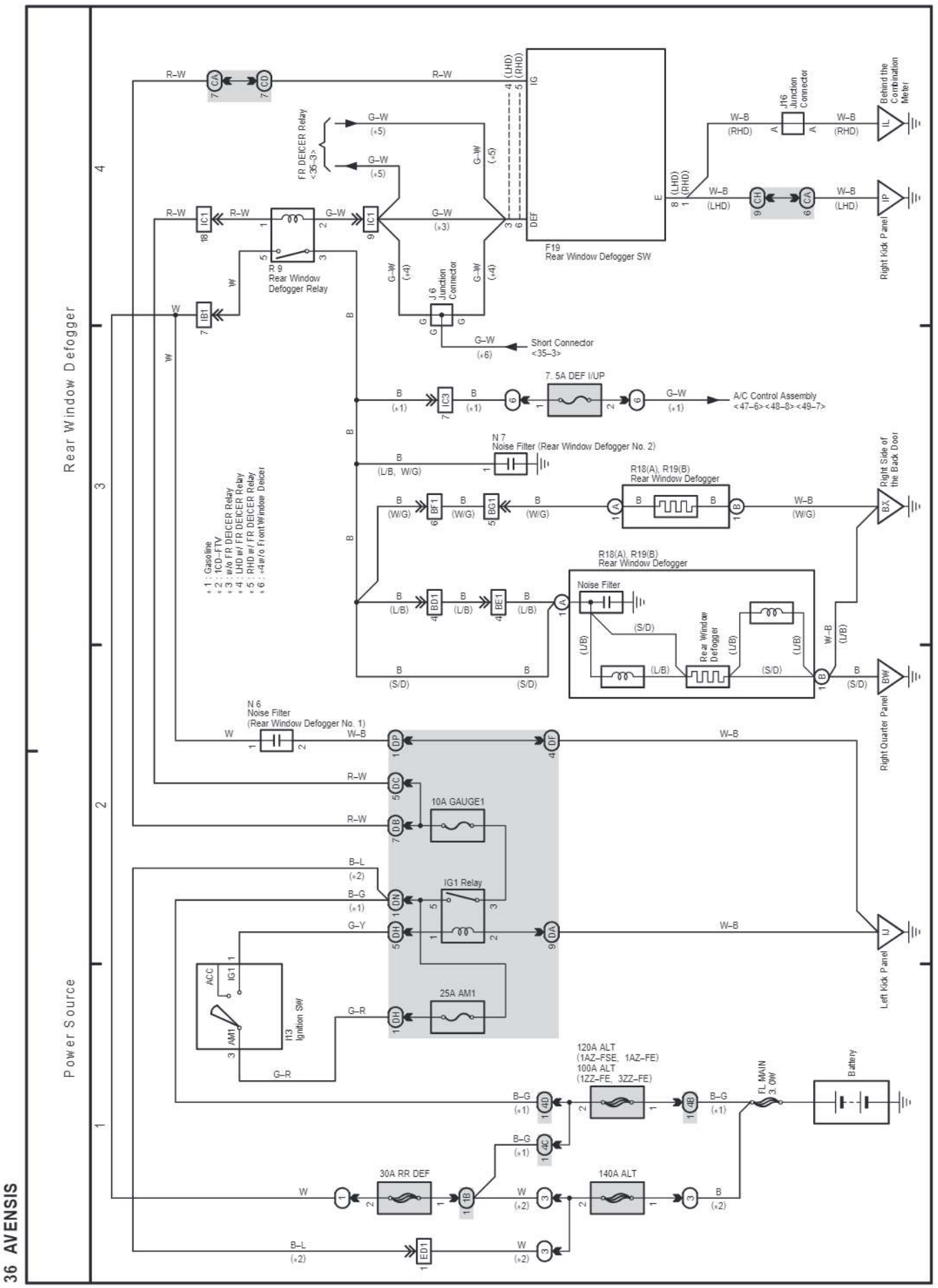
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34 AVENSIS (Cont' d)
Power Window (RHD)
D17
Power Window Master SW
P15
Power Window Motor Rear RH
P11
Power Window Control SW
Rear RH
P14
Power Window Motor Rear LH
P10
Power Window Control
SW Rear LH
P12
Power Window Motor Front LH
P 9
Power Window Control SW
(Front Passenger Side)
Under the Right
Center Pillar
Under the Left
Center Pillar
Left Kick
Panel
DOWN
UP
AUTO
W-B
L-B
G
G-R
L-W
G-Y
R
R-Y
L
L-R
L-Y
G-W

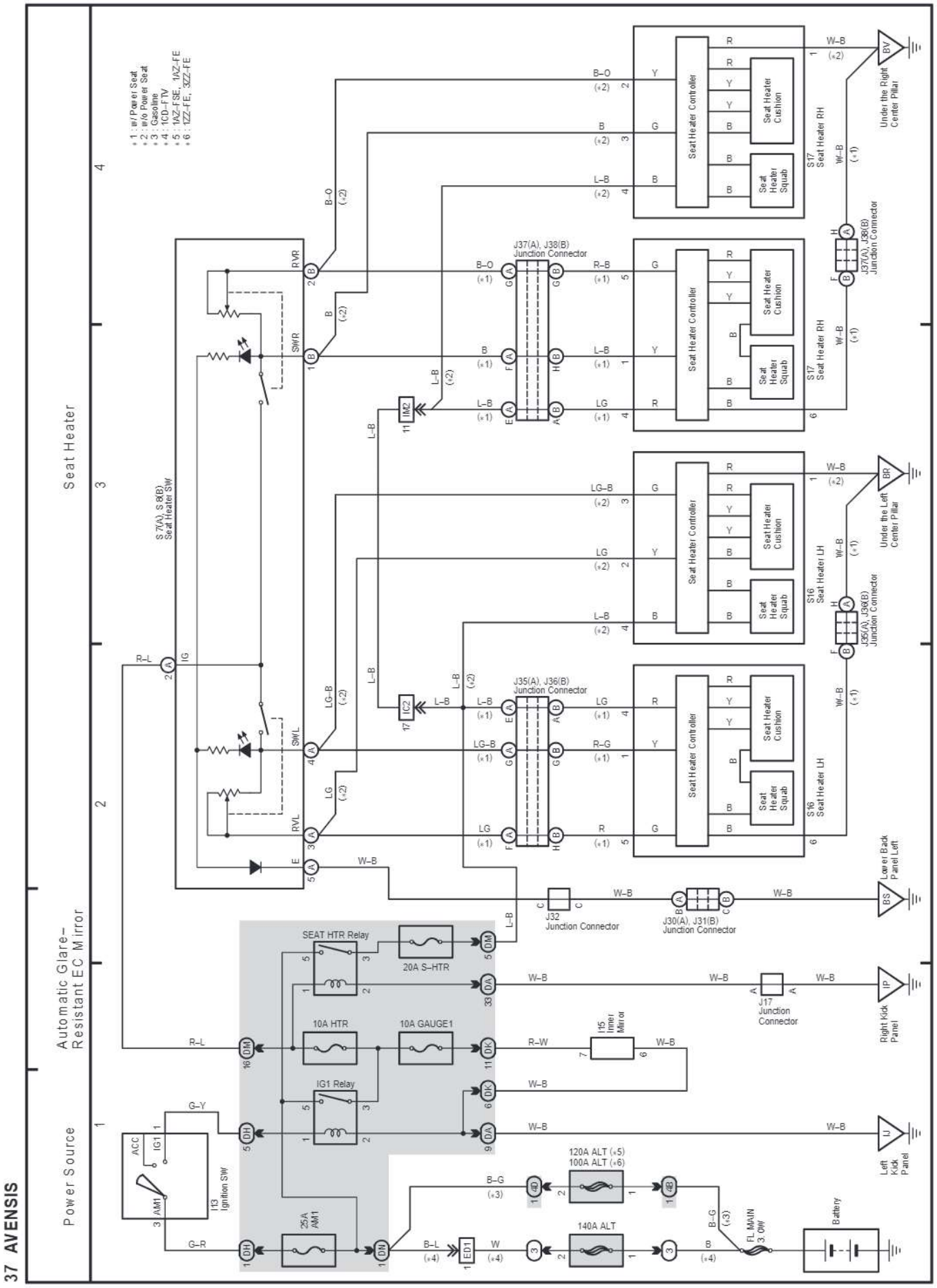
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Mirror Heater
Front Window Deicer
Power Source
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : w/ Mirror Heater
* 4 : w/ Front Window Deicer
* 5 : LHD w/ FR DEICER Relay
w/o Front Window Deicer
* 6 : RHD w/ FR DEICER Relay
10A MIR HTR
J18(A), J29(B) Junction Connector
M 5 Mirror Heater RH
M 4 Mirror Heater LH
Right Kick Panel
Left Kick Panel
F12 Front Window Deicer
J 2 Junction Connector
Left Side of the Stepension Tower
S10(A), S11(B) Short Connector
Rear Window Defogger SW <36–3>
FR DEICER Relay
Rear Window Defogger Relay <36–4>
Rear Window Defogger SW <36–4>
F20 Front Wiper Deicer SW
10A GAUGE1
IG1 Relay
25A AM1
I13 Ignition SW
120A ALT (1AZ–FSE, 1AZ–FE) 100A ALT (1ZZ–FE, 3ZZ–FE)
FL MAIN 3 OW
Battery
20A FR DIC
50A AM1 NO. 1
50A AM1 NO. 1
140A ALT

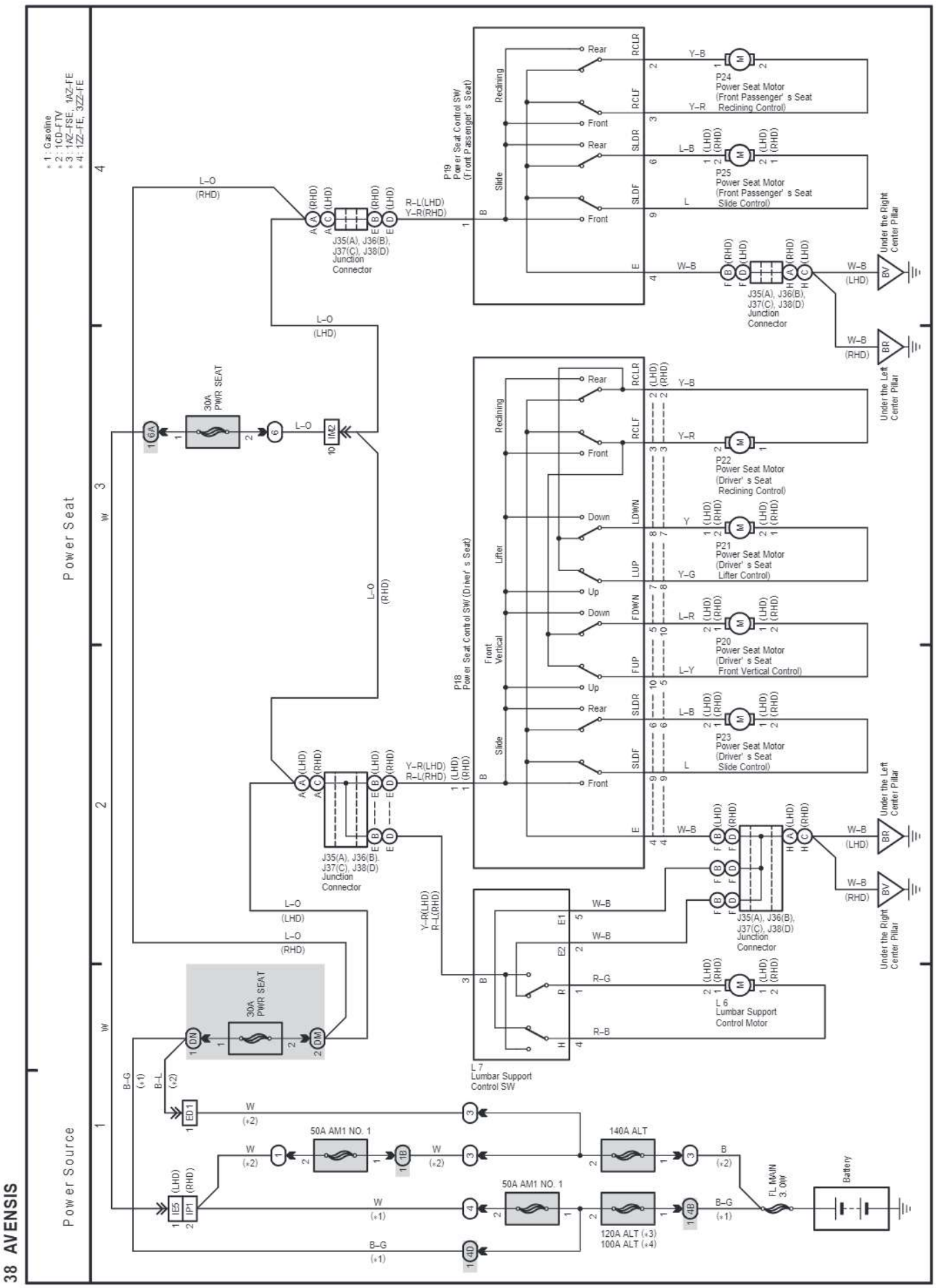
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Rear Window Defogger
Power Source
F19
Rear Window Defogger SW
R 9
Rear Window Defogger Relay
FR DEICER Relay <35–3>
J6 Junction Connector
Short Connector <35–3>
7. 5A DEF I/UP
A/C Control Assembly <47–6> <48–8> <49–7>
N 7
Noise Filter (Rear Window Defogger No. 2)
R18(A), R19(B)
Rear Window Defogger
Right Side of the Back Door
N 6
Noise Filter
(Rear Window Defogger No. 1)
Right Quarter Panel
10A GAUGE1
IG1 Relay
25A AM1
I13
Ignition SW
Left Kick Panel
120A ALT
(1AZ–FSE, 1AZ–FE)
100A ALT
(1ZZ–FE, 3ZZ–FE)
FL MAIN
30A RR DEF
140A ALT
Battery
J16 Junction Connector
Behind the Combination Meter
Right Kick Panel
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : w/o FR DEICER Relay
* 4 : LHD w/ FR DEICER Relay
* 5 : RHD w/ FR DEICER Relay
* 6 : *4 w/o Front Window Deicer

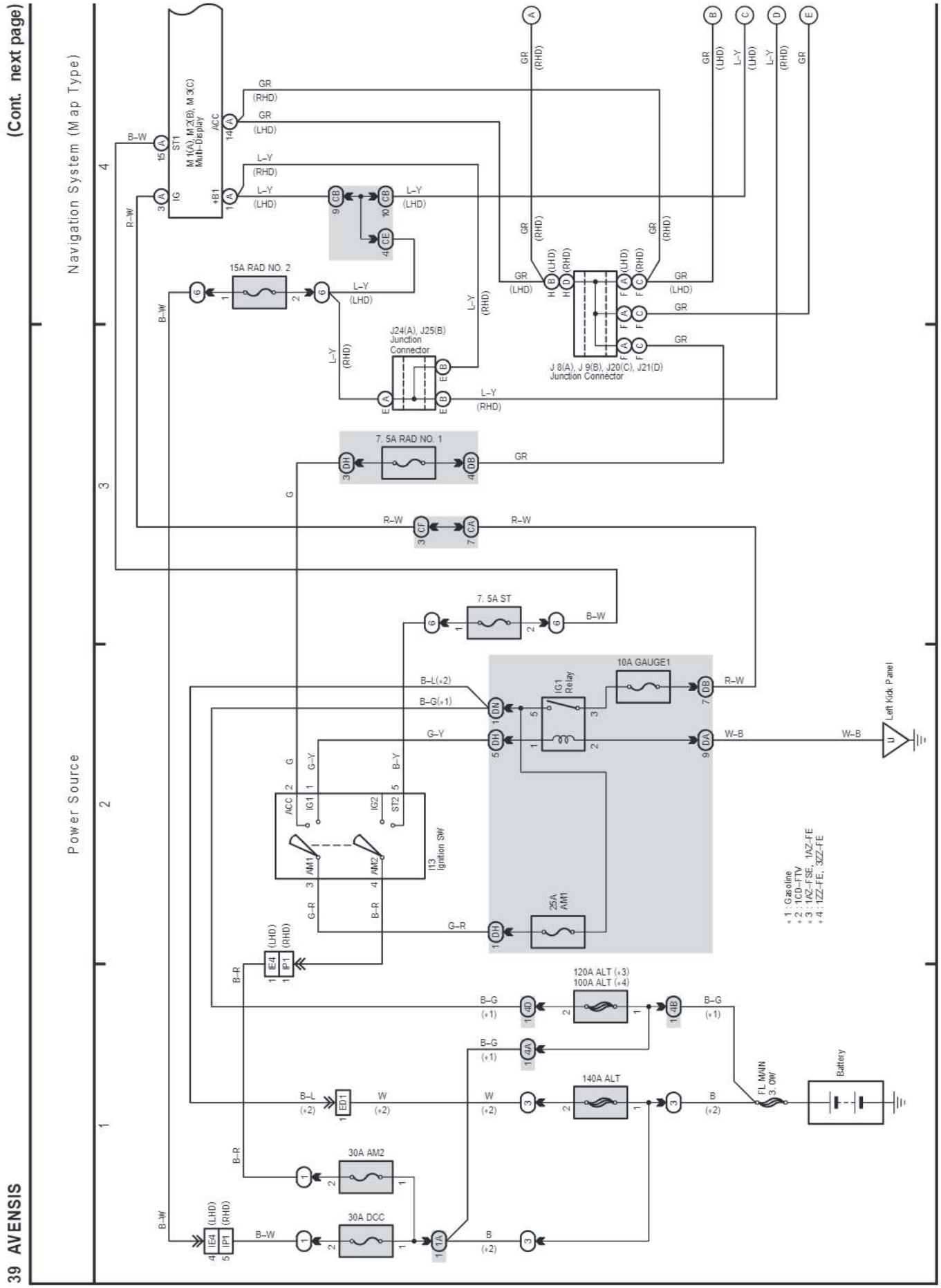
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37 AVENSIS
Power Source
Automatic Glare-Resistant EC Mirror
Seat Heater
*1 : w/ Power Seat
*2 : w/o Power Seat
*3 : Gasoline
*4 : 1CD-FTV
*5 : 1AZ-FSE, 1AZ-FE
*6 : 1ZZ-FE, 3ZZ-FE
S7(A), S8(B) Seat Heater SW
Seat Heater Controller
Seat Heater Cushion
Seat Heater Squab
S17 Seat Heater RH
S16 Seat Heater LH
J37(A), J38(B) Junction Connector
J35(A), J36(B) Junction Connector
J32 Junction Connector
J30(A), J31(B) Junction Connector
J17 Junction Connector
Under the Right Center Pillar
Under the Left Center Pillar
Lower Back Panel Left
Right Kick Panel
Left Kick Panel
I15 Inner Mirror
I13 Ignition SW
SEAT HTR Relay
IG1 Relay
20A S-HTR
10A HTR
10A GAUGE1
25A AM1
120A ALT (*5)
100A ALT (*6)
140A ALT
FL MAIN
Battery

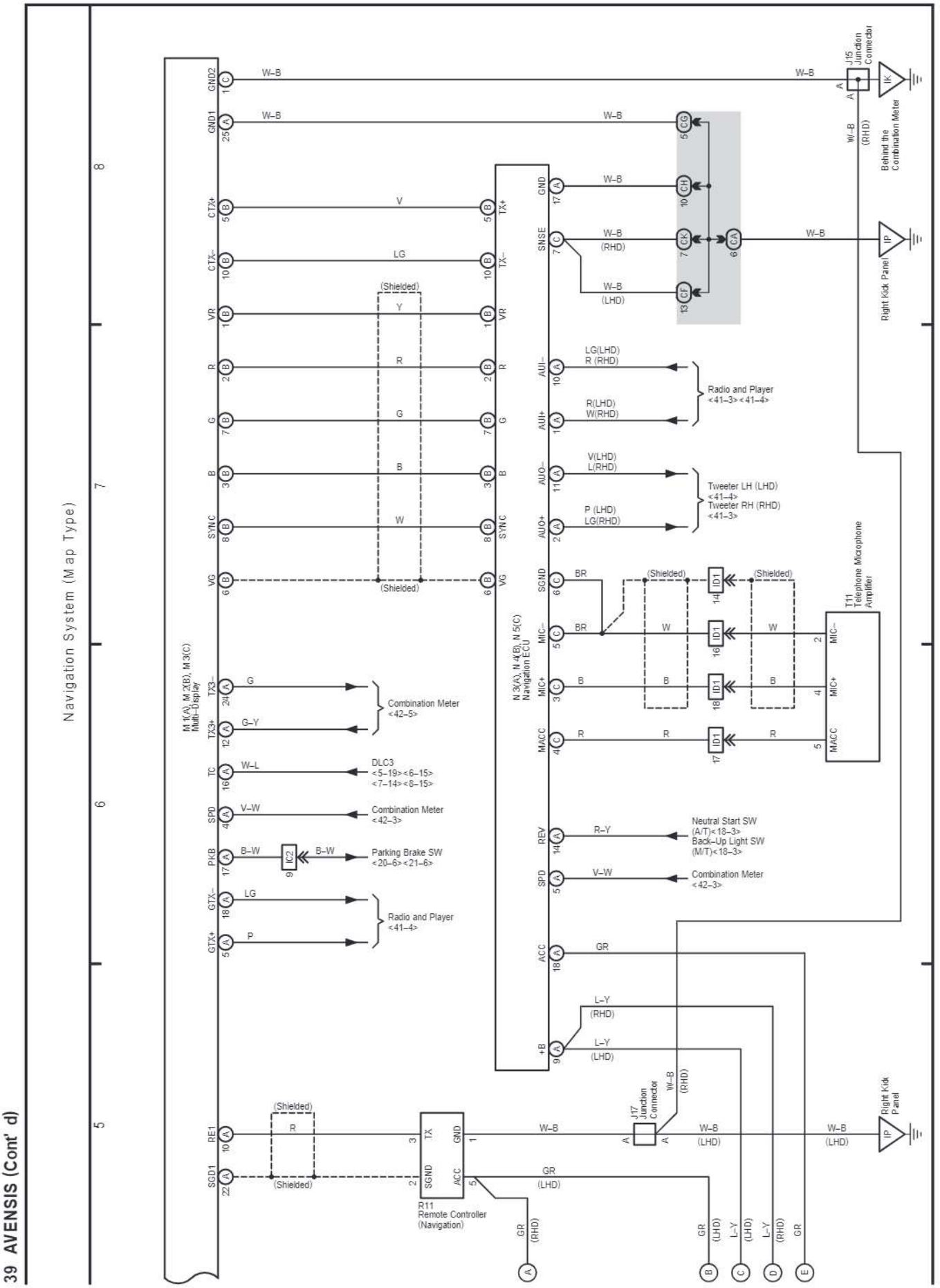
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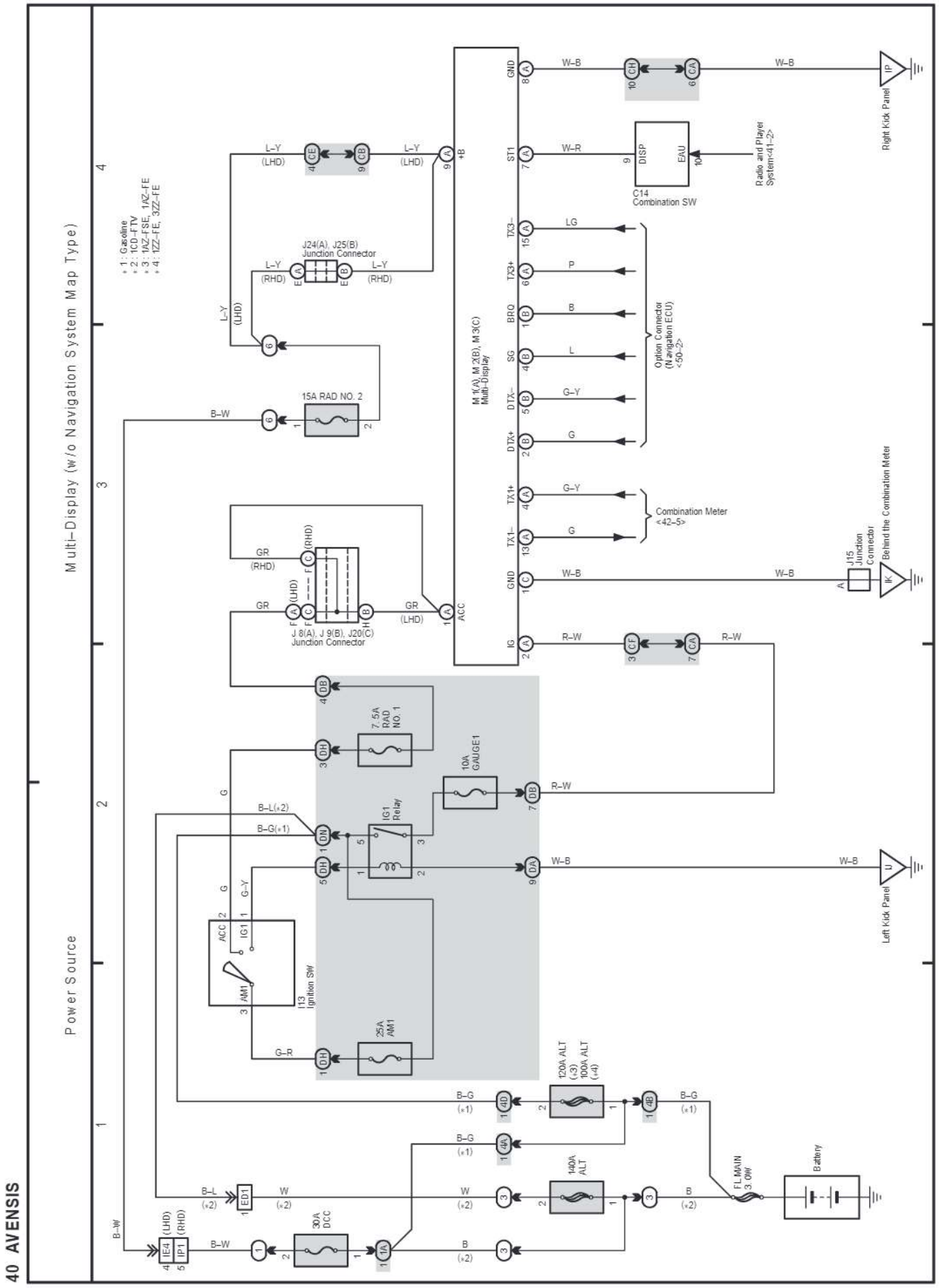

* 1: Gasoline
* 2: 1CD-FTV
* 3: 1AZ-FSE, 1AZ-FE
* 4: 1ZZ-FE, 3ZZ-FE
Power Seat
Power Source
P19 Power Seat Control SW (Front Passenger's Seat)
P18 Power Seat Control SW (Driver's Seat)
P24 Power Seat Motor (Front Passenger's Seat Reclining Control)
P25 Power Seat Motor (Front Passenger's Seat Slide Control)
P22 Power Seat Motor (Driver's Seat Reclining Control)
P21 Power Seat Motor (Driver's Seat Lifter Control)
P20 Power Seat Motor (Driver's Seat Front Vertical Control)
P23 Power Seat Motor (Driver's Seat Slide Control)
L 6 Lumbar Support Control Motor
L 7 Lumbar Support Control SW
J35(A), J36(B), J37(C), J38(D) Junction Connector
30A PWR SEAT
50A AM1 NO. 1
140A ALT
120A ALT (*3)
100A ALT (*4)
FL MAIN 3 OW
Battery
Under the Right Center Pillar
Under the Left Center Pillar

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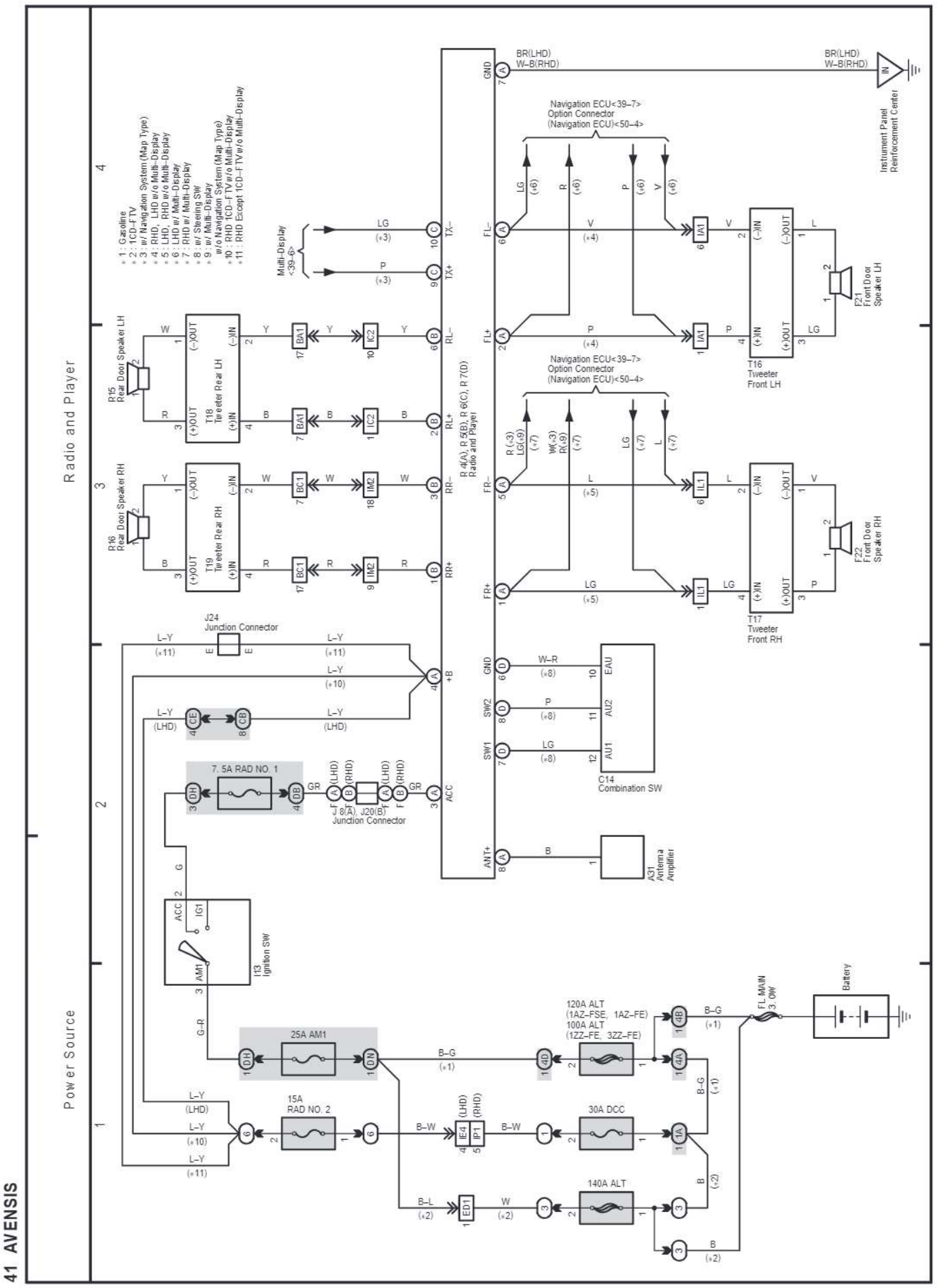

(Cont. next page)
Navigation System (Map Type)
Power Source
39 AVENSIS
M 1(A), M 2(B), M 3(C)
Multi-Display
ST1
ACC
IG
+B1
15A RAD NO. 2
7. 5A RAD NO. 1
7. 5A ST
J24(A), J25(B)
Junction
Connector
J 8(A), J 9(B), J20(C), J21(D)
Junction Connector
10A GAUGE1
IG1
Relay
Left Kick Panel
I13
Ignition SW
25A
AM1
120A ALT (*3)
100A ALT (*4)
140A ALT
30A AM2
30A DCC
FL MAIN
3. 0W
Battery
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : 1AZ-FSE, 1AZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE

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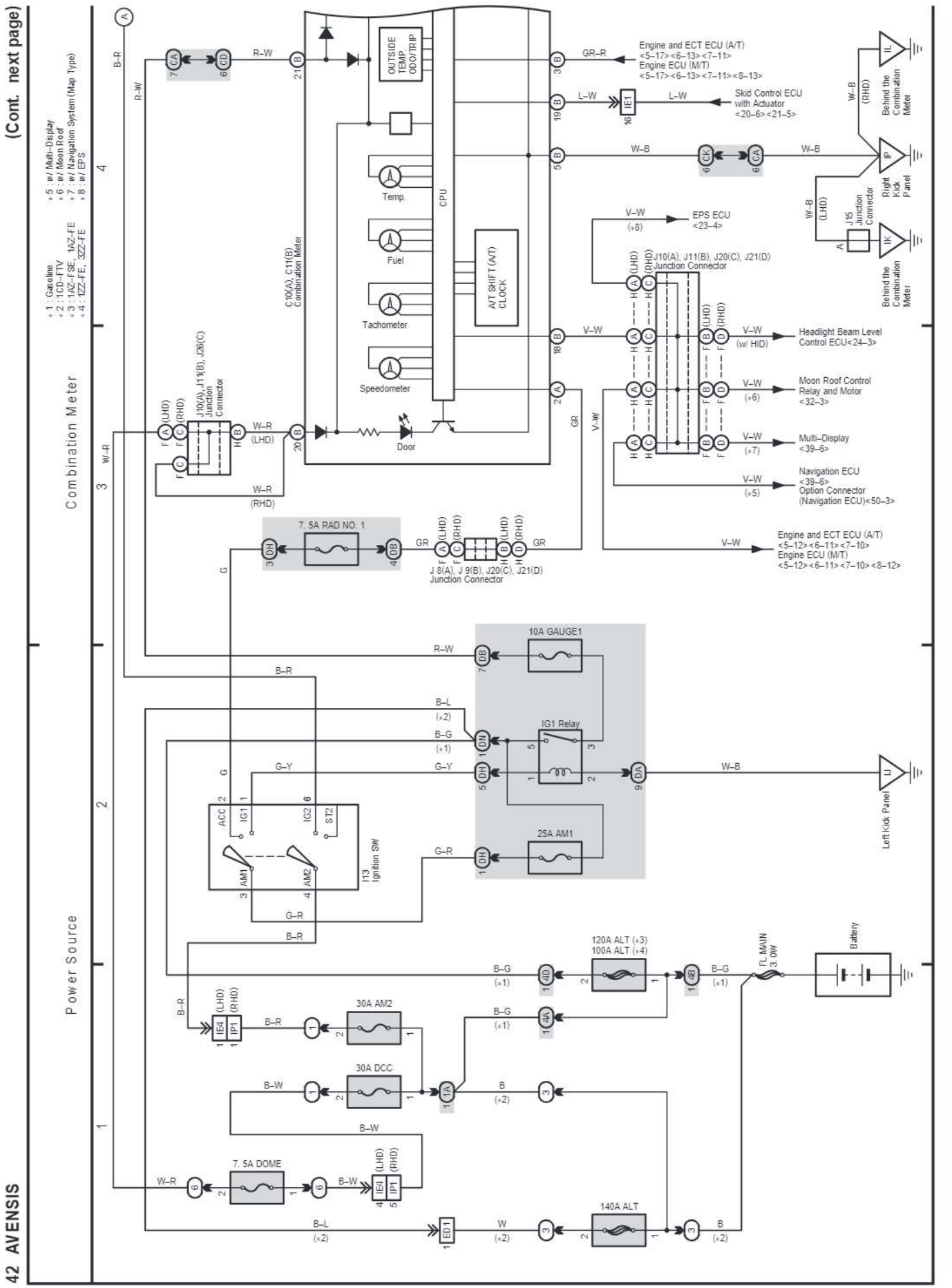

39 AVENSIS (Cont' d)
Navigation System (Map Type)
8
7
6
5
GND2
GND1
CTX+
CTX–
VR
R
G
B
SYNC
VG
GTX–
GTX+
RE1
SGD1
W–B
V
LG
Y
R
G
B
W
P
G
G–Y
W–L
V–W
B–W
LG
M 1(A), M 2(B), M 3(C)
Multi–Display
TX3–
TX3+
TC
SPD
PKB
IC2
Combination Meter
<42–5>
DLC3
<5–19><6–15>
<7–14><8–15>
Combination Meter
<42–3>
Parking Brake SW
<20–6><21–6>
Radio and Player
<41–4>
(Shielded)
N 3(A), N 4(B), N 5(C)
Navigation ECU
TX+
TX–
VR
SYNC
VG
SGND
MIC–
MIC+
MACC
REV
SPD
ACC
+B
GND
SNSE
AUI–
AUI+
AUO–
AUO+
BR
LG(LHD)
R (RHD)
R(LHD)
W(RHD)
V(LHD)
L(RHD)
P (LHD)
LG(RHD)
Radio and Player
<41–3><41–4>
Tweeter LH (LHD)
<41–4>
Tweeter RH (RHD)
<41–3>
ID1
T11
Telephone Microphone
Amplifier
R–Y
Neutral Start SW
(A/T)<18–3>
Back–Up Light SW
(M/T)<18–3>
GR
L–Y
(RHD)
(LHD)
J15
Junction
Connector
Behind the
Combination Meter
IK
IP
Right Kick Panel
CG
CH
CK
CF
CA
J17
Junction
Connector
R11
Remote Controller
(Navigation)
TX
GND
SGND
ACC
A
B
C
D
E


Multi–Display (w/o Navigation System Map Type)
Power Source
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : 1AZ–FSE, 1AZ–FE
* 4 : 1ZZ–FE, 3ZZ–FE
M 1(A), M 2(B), M 3(C)
Multi–Display
Option Connector
(Navigation ECU)
<50–2>
Combination Meter
<42–5>
C14
Combination SW
Radio and Player
System<41–2>
Right Kick Panel
Left Kick Panel
J15
Junction
Connector
Behind the Combination Meter
J24(A), J25(B)
Junction Connector
J 8(A), J 9(B), J20(C)
Junction Connector
15A RAD NO. 2
7.5A
RAD
NO. 1
10A
GAUGE1
IG1
Relay
I13
Ignition SW
25A
AM1
120A ALT
(*3)
100A ALT
(*4)
140A
ALT
30A
DCC
FL MAIN
3 OW
Battery
ACC
IG1
AM1
+B
ACC
IG
ST1
GND
TX3–
TX3+
BRQ
SG
DTX–
DTX+
TX1+
TX1–
W–B
W–R
L–Y
R–W
B–W
B–L
B–G
G–Y
G–R
GR
LG
P
B
L
G–Y
G
W
B

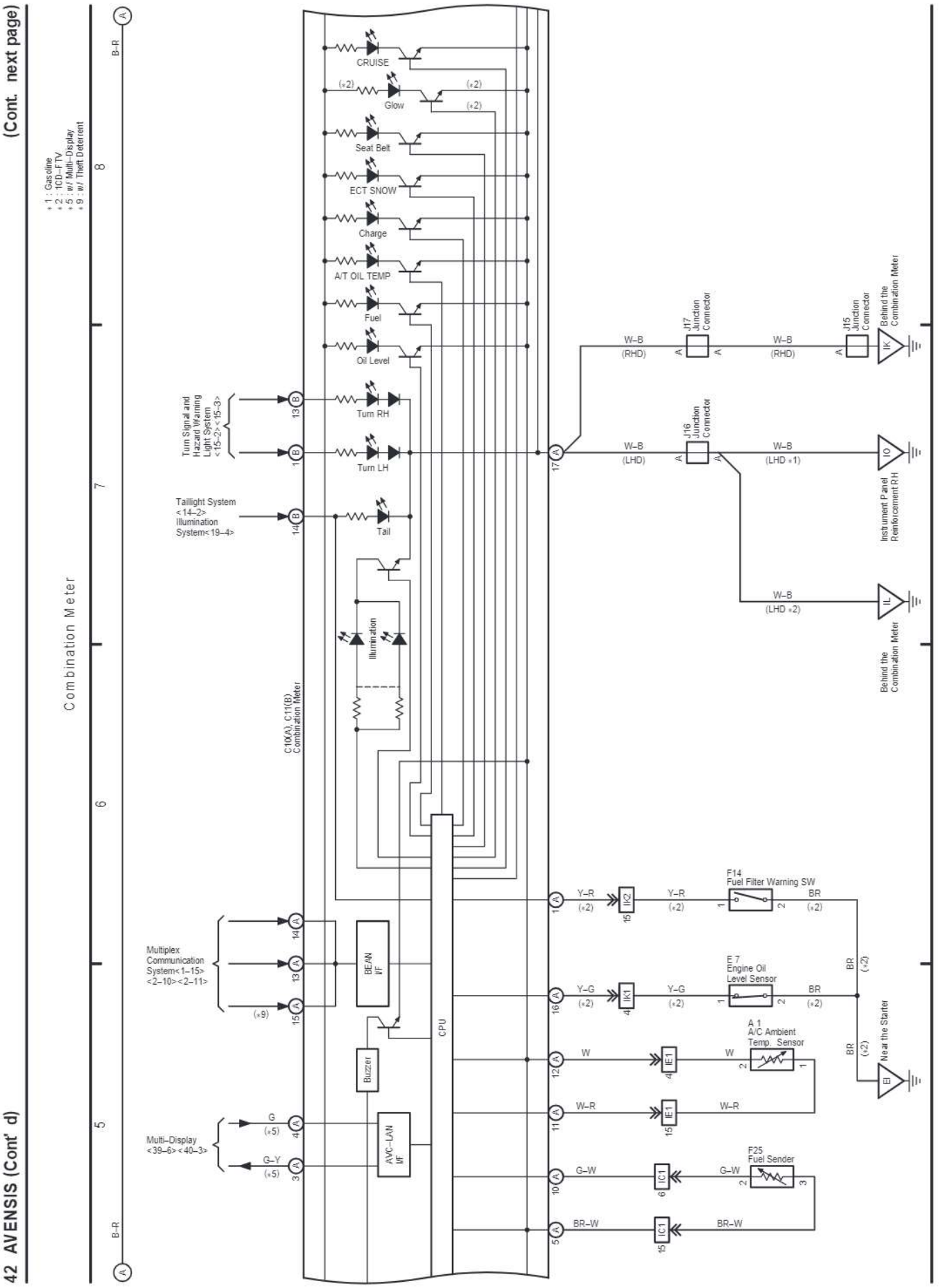
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41 AVENSIS
Power Source
Radio and Player
1
2
3
4
* 1 : Gasoline
* 2 : 1CD-FTV
* 3 : w/ Navigation System (Map Type)
* 4 : RHD, LHD w/o Multi-Display
* 5 : LHD, RHD w/o Multi-Display
* 6 : LHD w/ Multi-Display
* 7 : RHD w/ Multi-Display
* 8 : w/ Steering SW
* 9 : w/ Multi-Display
w/o Navigation System (Map Type)
*10 : RHD 1CD-FTV w/o Multi-Display
*11 : RHD Except 1CD-FTV w/o Multi-Display
Multi-Display <39-6>
LG (*3)
P (*3)
TX-
TX+
R15 Rear Door Speaker LH
R16 Rear Door Speaker RH
T18 Tweeter Rear LH
T19 Tweeter Rear RH
(-)OUT
(+)OUT
(-)IN
(+)IN
RL-
RL+
RR-
RR+
R 4(A), R 5(B), R 6(C), R 7(D) Radio and Player
Navigation ECU<39-7> Option Connector (Navigation ECU)<50-4>
FL-
FL+
FR-
FR+
T16 Tweeter Front LH
T17 Tweeter Front RH
F21 Front Door Speaker LH
F22 Front Door Speaker RH
GND
BR(LHD) W-B(RHD)
Instrument Panel Reinforcement Center
J24 Junction Connector
+B
ACC
SW2
SW1
W-R (*8)
P (*8)
LG (*8)
C14 Combination SW
ANT+
A31 Antenna Amplifier
7.5A RAD NO. 1
J 8(A), J20(B) Junction Connector
I13 Ignition SW
ACC
IG1
AM1
25A AM1
15A RAD NO. 2
30A DCC
120A ALT (1AZ-FSE, 1AZ-FE) 100A ALT (1ZZ-FE, 3ZZ-FE)
140A ALT
FL MAIN 3 OW
Battery

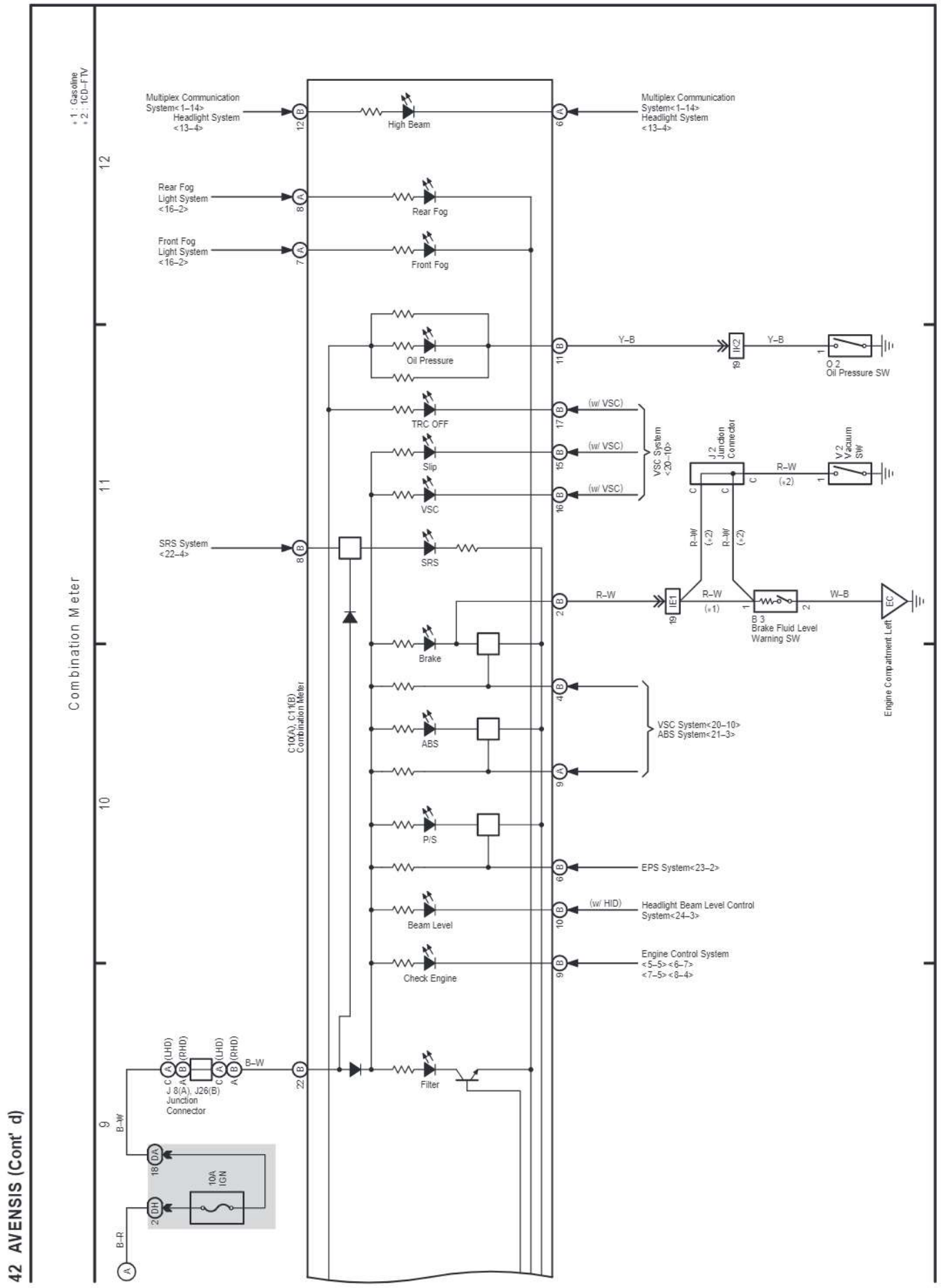
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(Cont. next page)
* 1 : Gasoline
* 2 : 1CD–FTV
* 3 : 1AZ–FSE, 1AZ–FE
* 4 : 1ZZ–FE, 3ZZ–FE
* 5 : w/ Multi–Display
* 6 : w/ Moon Roof
* 7 : w/ Navigation System (Map Type)
* 8 : w/ EPS
Combination Meter
Power Source
OUTSIDE TEMP
ODO/TRIP
CPU
Temp.
Fuel
Tachometer
Speedometer
Door
A/T SHIFT (A/T) CLOCK
C10(A), C11(B) Combination Meter
Engine and ECT ECU (A/T) <5–17><6–13><7–11> Engine ECU (M/T) <5–17><6–13><7–11><8–13>
Skid Control ECU with Actuator <20–6><21–5>
EPS ECU <23–4>
J10(A), J11(B), J20(C), J21(D) Junction Connector
Headlight Beam Level Control ECU<24–3>
Moon Roof Control Relay and Motor <32–3>
Multi–Display <39–6>
Navigation ECU <39–6> Option Connector (Navigation ECU)<50–3>
Engine and ECT ECU (A/T) <5–12><6–11><7–10> Engine ECU (M/T) <5–12><6–11><7–10><8–12>
J8(A), J9(B), J20(C), J21(D) Junction Connector
J10(A), J11(B), J36(C) Junction Connector
J15 Junction Connector
Behind the Combination Meter
Right Kick Panel
Left Kick Panel
7.5A RAD NO. 1
10A GAUGE1
IG1 Relay
25A AM1
I13 Ignition SW
120A ALT (*3) 100A ALT (*4)
140A ALT
30A AM2
30A DCC
7.5A DOME
FL MAIN
Battery
42 AVENSIS

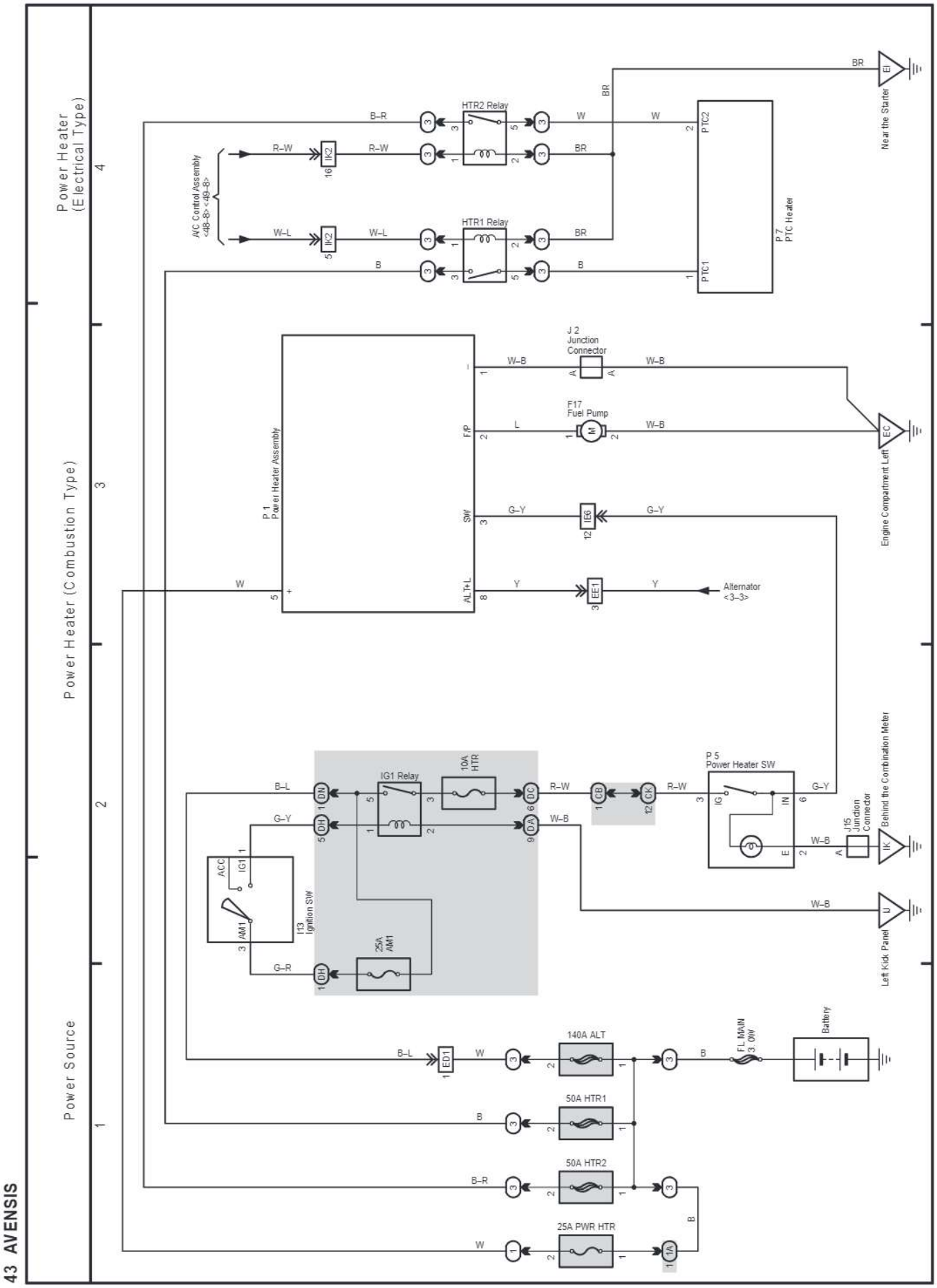
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42 AVENSIS (Cont' d)
(Cont. next page)
*1 : Gasoline
*2 : 1CD-FTV
*5 : w/ Multi-Display
*9 : w/ Theft Deterrent
Combination Meter
CRUISE
Glow
Seat Belt
ECT SNOW
Charge
A/T OIL TEMP
Fuel
Oil Level
Turn RH
Turn LH
Tail
Illumination
Turn Signal and Hazard Warning Light System <15-2><15-3>
Taillight System <14-2> Illumination System<19-4>
C10(A), C11(B) Combination Meter
Multiplex Communication System<1-15><2-10><2-11>
Multi-Display <39-6><40-3>
BEAN I/F
AVC-LAN I/F
CPU
Buzzer
W-B (RHD)
W-B (LHD)
W-B (LHD *1)
W-B (LHD *2)
J17 Junction Connector
J16 Junction Connector
J15 Junction Connector
Behind the Combination Meter
Instrument Panel Reinforcement RH
F14 Fuel Filter Warning SW
E7 Engine Oil Level Sensor
A1 A/C Ambient Temp. Sensor
F25 Fuel Sender
Near the Starter
Y-R
Y-G
W
W-R
G-W
BR-W
G
G-Y
BR

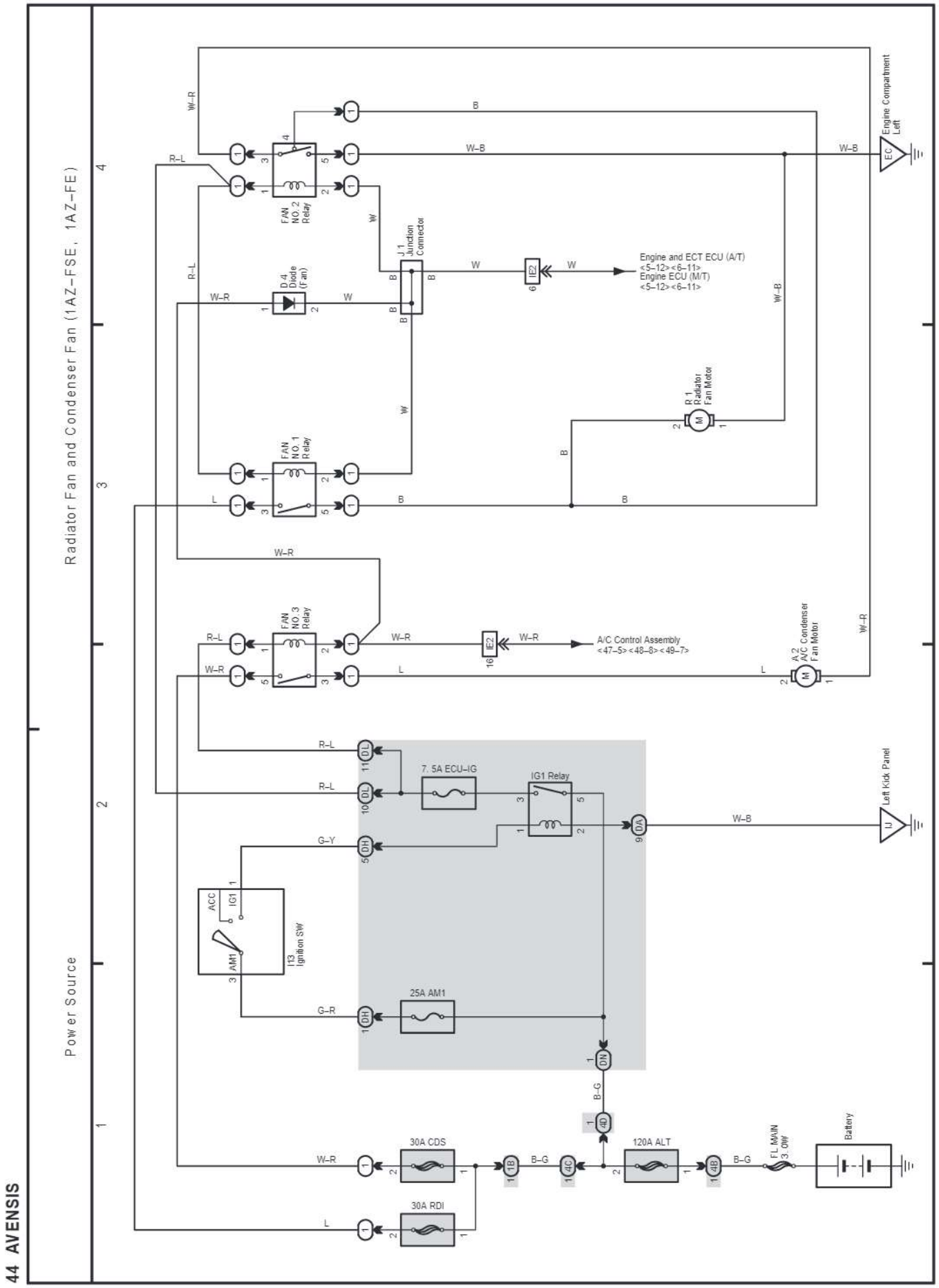
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* 1 : Gasoline
* 2 : 1CD-FTV
Multiplex Communication System< 1–14>
Headlight System
< 13–4>
High Beam
Rear Fog Light System
< 16–2>
Rear Fog
Front Fog Light System
< 16–2>
Front Fog
Oil Pressure
TRC OFF
Slip
VSC
SRS System
< 22–4>
SRS
Brake
ABS
P/S
Beam Level
Check Engine
Filter
Combination Meter
C10(A), C11(B)
Combination Meter
J 8(A), J26(B)
Junction Connector
10A IGN
Y–B
IK2
O 2
Oil Pressure SW
(w/ VSC)
VSC System
< 20–10>
J 2
Junction Connector
R–W
(*2)
V 2
Vacuum SW
IE1
R–W
(*1)
B 3
Brake Fluid Level Warning SW
W–B
EC
Engine Compartment Left
VSC System< 20–10>
ABS System< 21–3>
EPS System< 23–2>
(w/ HID)
Headlight Beam Level Control System< 24–3>
Engine Control System
< 5–5> < 6–7>
< 7–5> < 8–4>
B–W
B–R
42 AVENSIS (Cont' d)

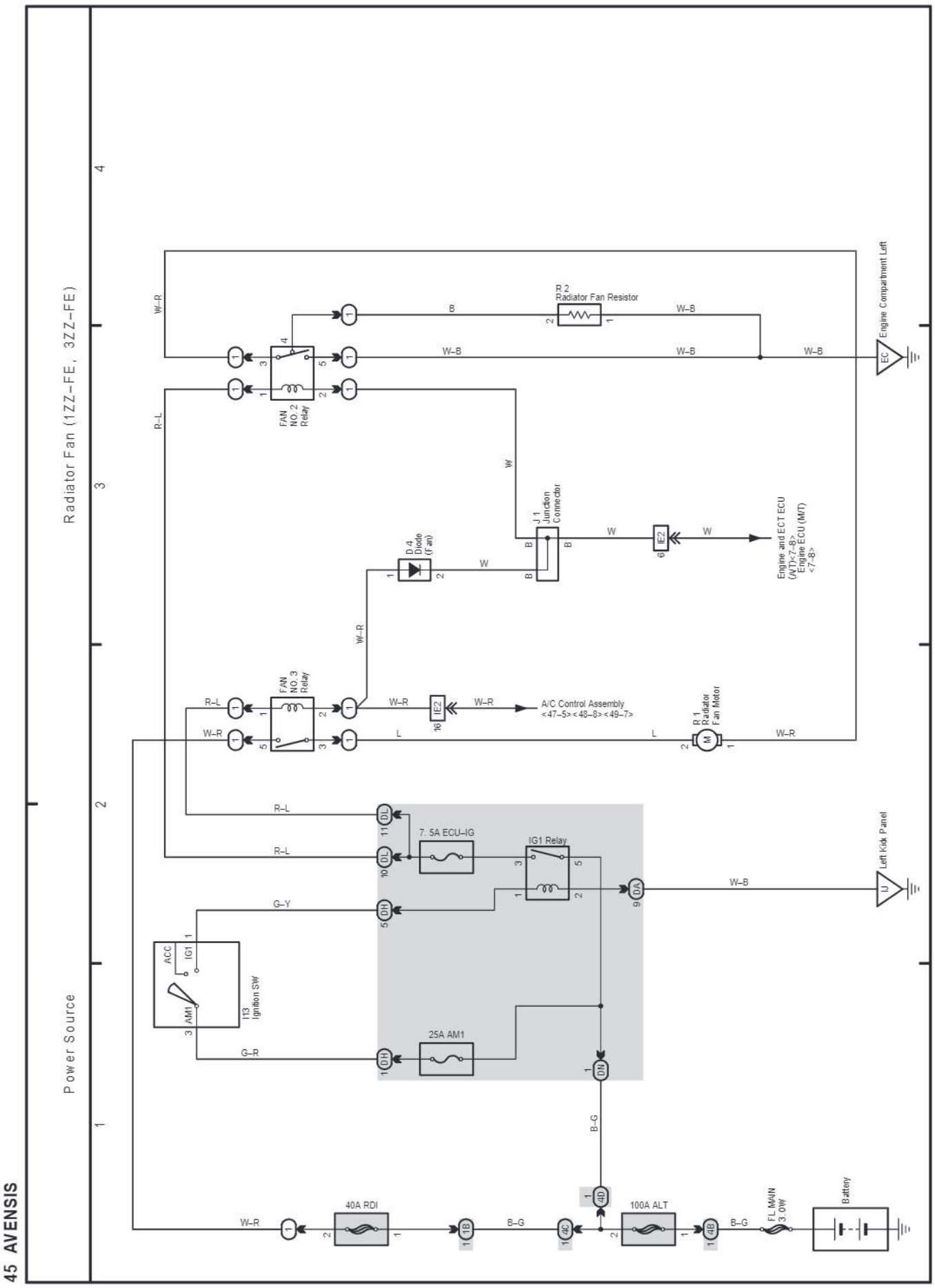
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Power Source
Power Heater (Combustion Type)
Power Heater (Electrical Type)
1
2
3
4
140A ALT
50A HTR1
50A HTR2
25A PWR HTR
Battery
F/L MAIN 3 OW
IG1 Relay
10A HTR
25A AM1
I13 Ignition SW
ACC
IG1
AM1
P 1 Power Heater Assembly
P 5 Power Heater SW
J15 Junction Connector
Behind the Combination Meter
Left Kick Panel
J 2 Junction Connector
F17 Fuel Pump
Engine Compartment Left
Alternator <3-3>
HTR2 Relay
HTR1 Relay
P 7 PTC Heater
PTC1
PTC2
Near the Starter
A/C Control Assembly <48-8> <49-8>
B–L
G–Y
G–R
R–W
W–L
W–B
B–R
W
B
L
Y
BR

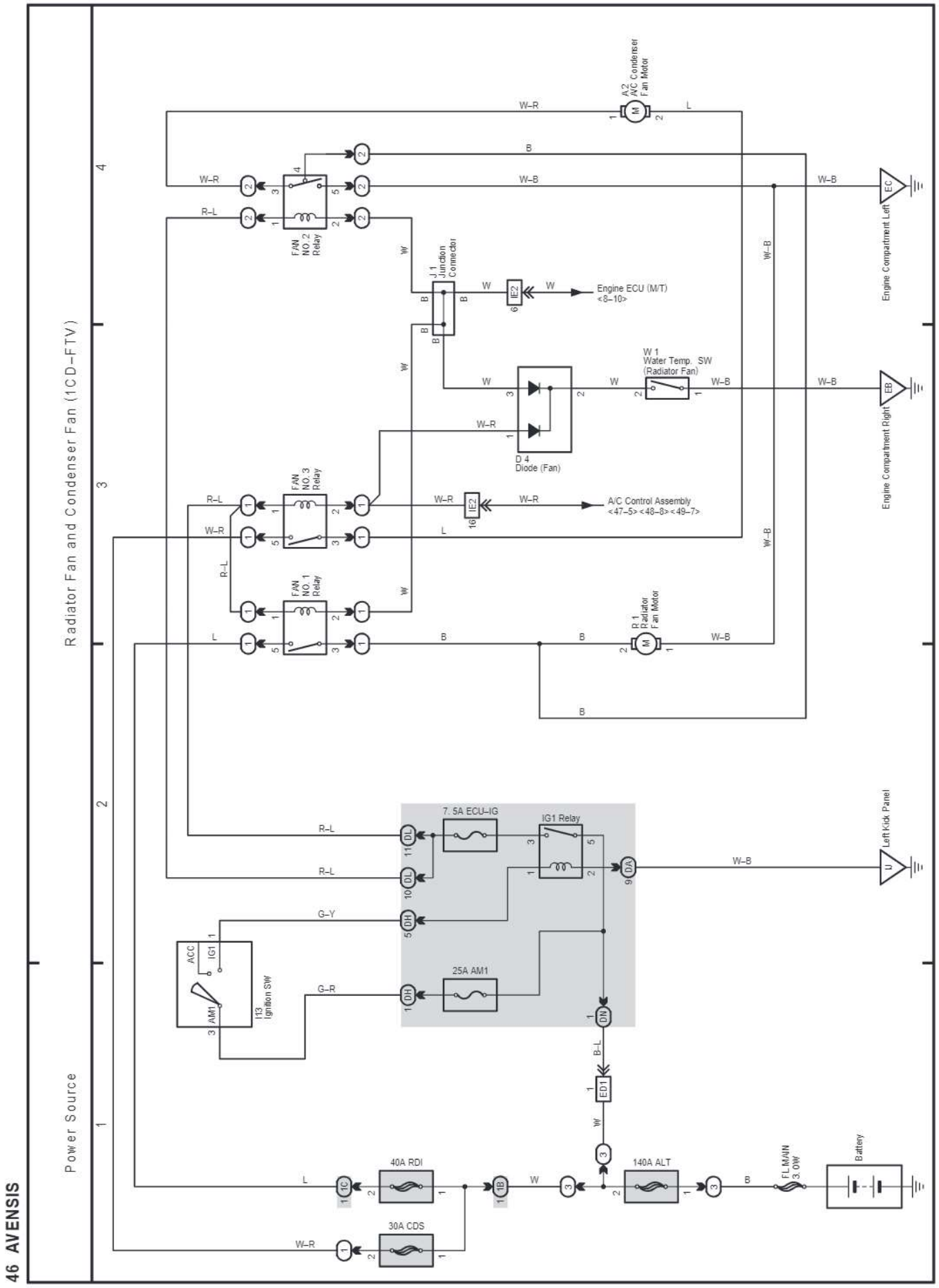
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Radiator Fan and Condenser Fan (1AZ–FSE, 1AZ–FE)
Power Source
44 AVENSIS
FAN NO. 2 Relay
FAN NO. 1 Relay
FAN NO. 3 Relay
J1 Junction Connector
D4 Diode (Fan)
R1 Radiator Fan Motor
A2 A/C Condenser Fan Motor
Engine and ECT ECU (A/T)
<5–12><6–11>
Engine ECU (M/T)
<5–12><6–11>
A/C Control Assembly
<47–5><48–8><49–7>
Engine Compartment Left
Left Kick Panel
7.5A ECU–IG
IG1 Relay
25A AM1
I13 Ignition SW
30A CDS
30A RDI
120A ALT
FL MAIN 3 OW
Battery

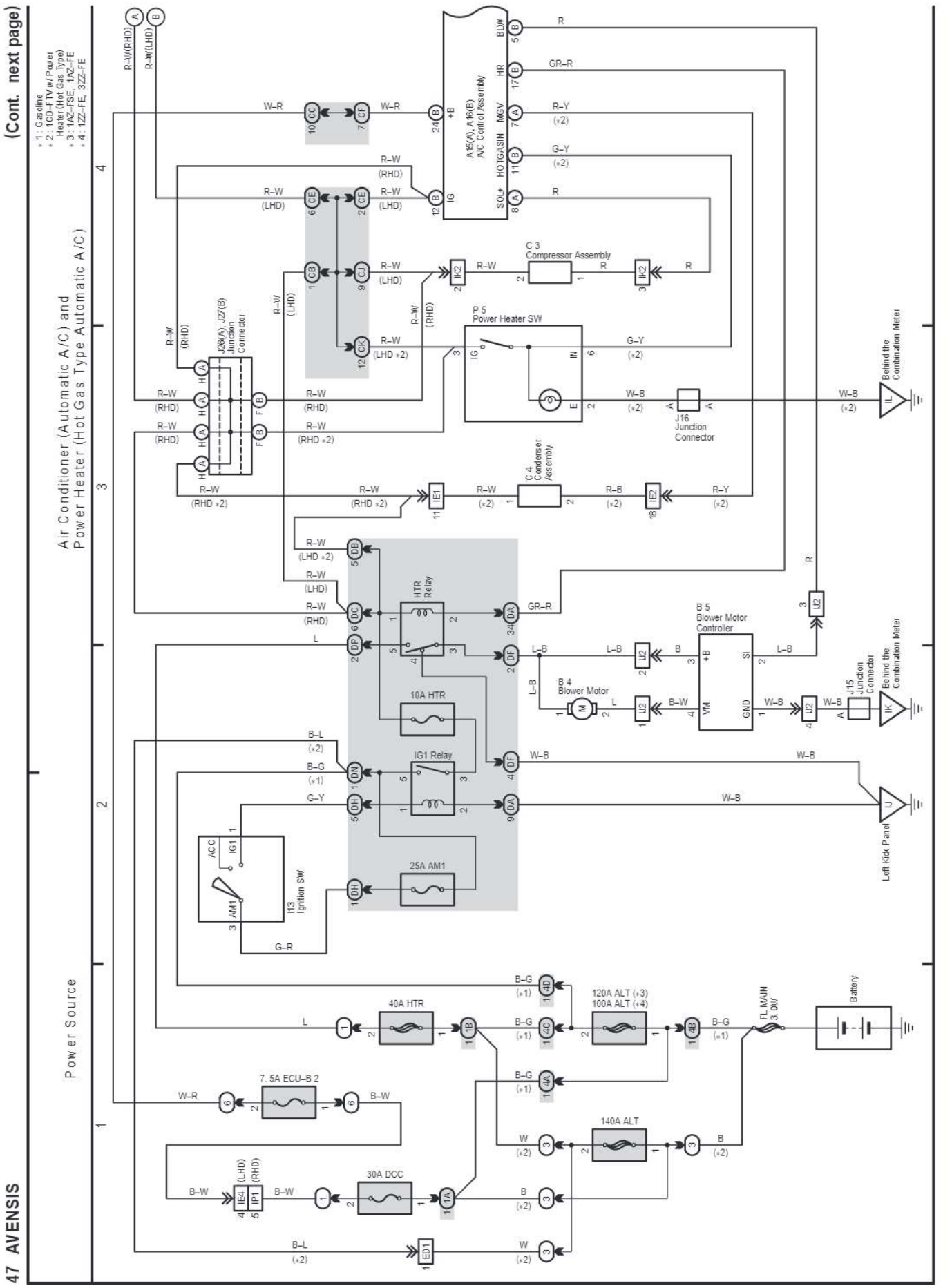
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45 AVENSIS
Power Source
Radiator Fan (1ZZ-FE, 3ZZ-FE)
1
2
3
4
Battery
FL MAIN 3.0W
100A ALT
40A RDI
25A AM1
7.5A ECU-IG
IG1 Relay
FAN NO.2 Relay
FAN NO.3 Relay
D4 Diode (Fan)
J1 Junction Connector
R2 Radiator Fan Resistor
R1 Radiator Fan Motor
I13 Ignition SW
ACC
IG1
AM1
Engine Compartment Left
Left Kick Panel
A/C Control Assembly <47-5> <48-8> <49-7>
Engine and ECT ECU (A/T)<7-8> Engine ECU (M/T) <7-8>
W-R
R-L
W-B
B-G
G-Y
G-R
B
W
L

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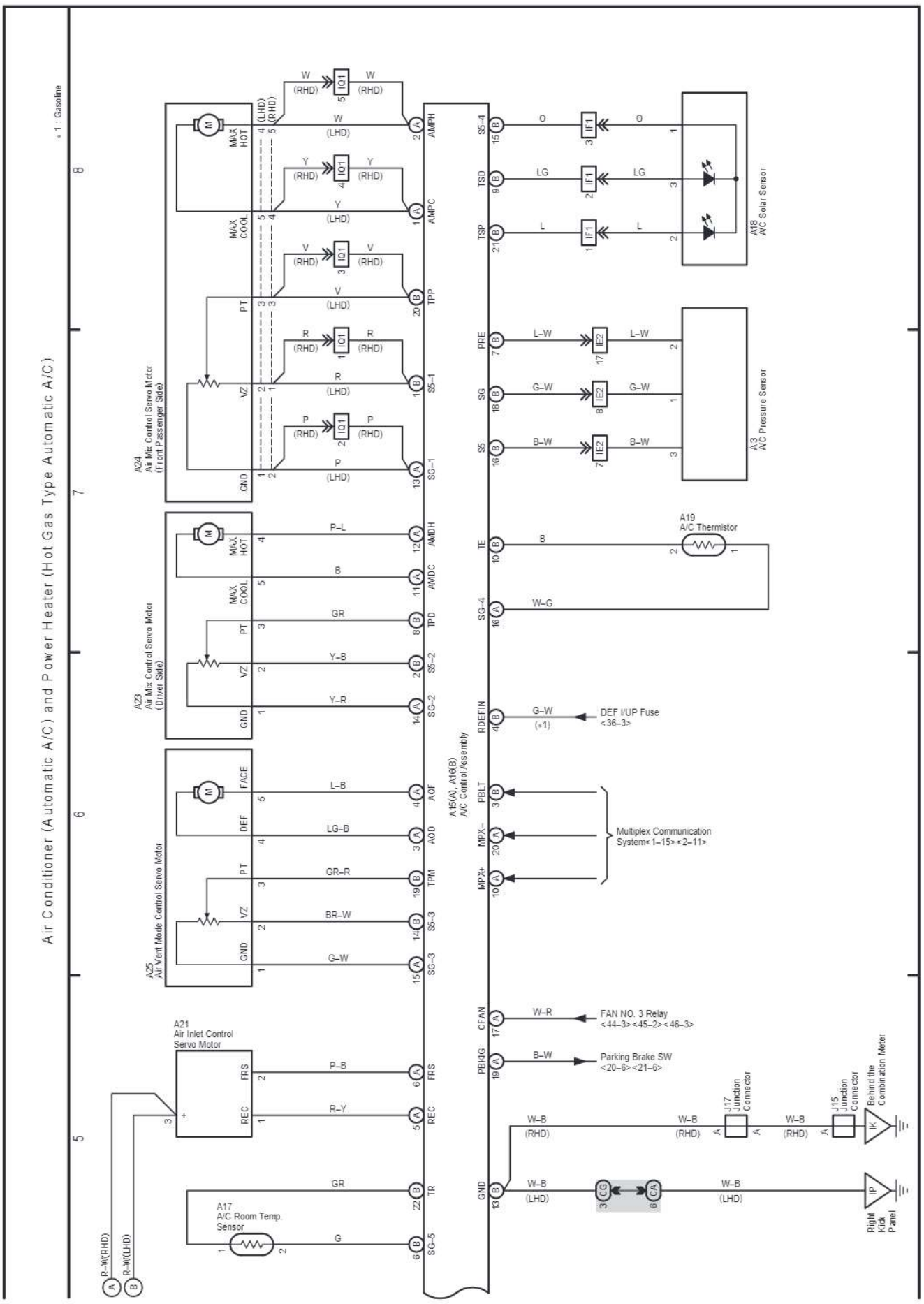

Radiator Fan and Condenser Fan (1CD–FTV)
Power Source
A2 A/C Condenser Fan Motor
FAN NO. 2 Relay
J 1 Junction Connector
Engine ECU (M/T) <8–10>
W 1 Water Temp. SW (Radiator Fan)
D 4 Diode (Fan)
FAN NO. 3 Relay
A/C Control Assembly <47–5> <48–8> <49–7>
FAN NO. 1 Relay
R 1 Radiator Fan Motor
Engine Compartment Left
Engine Compartment Right
Left Kick Panel
7. 5A ECU–IG
IG1 Relay
25A AM1
I13 Ignition SW
40A RDI
140A ALT
30A CDS
F L MAIN 3. 0W
Battery

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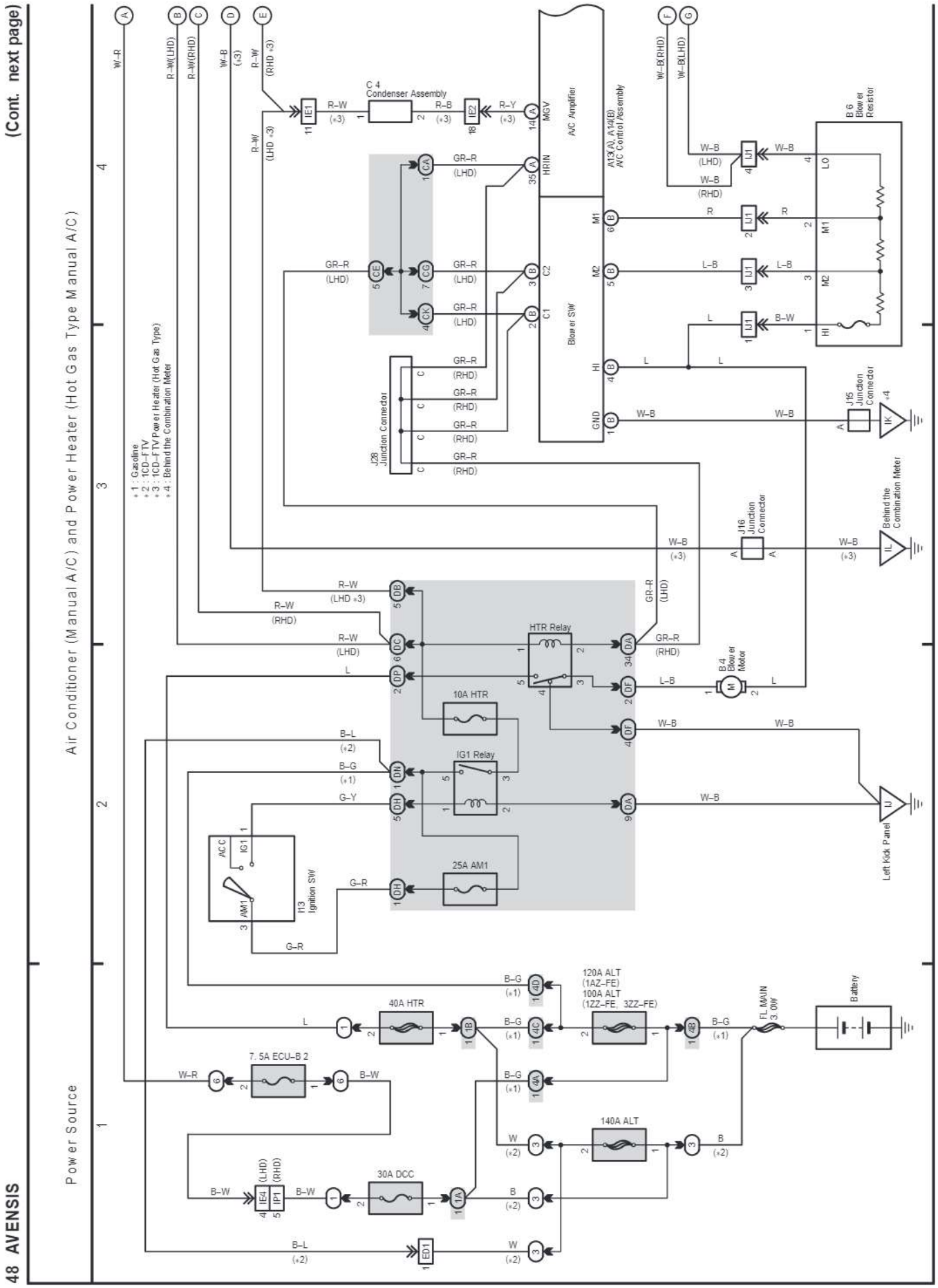

(Cont. next page)
* 1 : Gasoline
* 2 : 1CD-FTV w/ Power Heater (Hot Gas Type)
* 3 : 1AZ-FSE, 1AZ-FE
* 4 : 1ZZ-FE, 3ZZ-FE
Air Conditioner (Automatic A/C) and Power Heater (Hot Gas Type Automatic A/C)
Power Source
47 AVENSIS
A145(A), A161(B) A/C Control Assembly
C 3 Compressor Assembly
C 4 Condenser Assembly
P 5 Power Heater SW
J26(A), J27(B) Junction Connector
J16 Junction Connector
J15 Junction Connector
B 5 Blower Motor Controller
B 4 Blower Motor
HTR Relay
IG1 Relay
10A HTR
25A AM1
H13 Ignition SW
40A HTR
120A ALT (*3)
100A ALT (*4)
140A ALT
30A DCC
7.5A ECU-B 2
FL MAIN 3 0W
Battery
Behind the Combination Meter
Left Kick Panel

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47 AVENSIS (Cont' d)

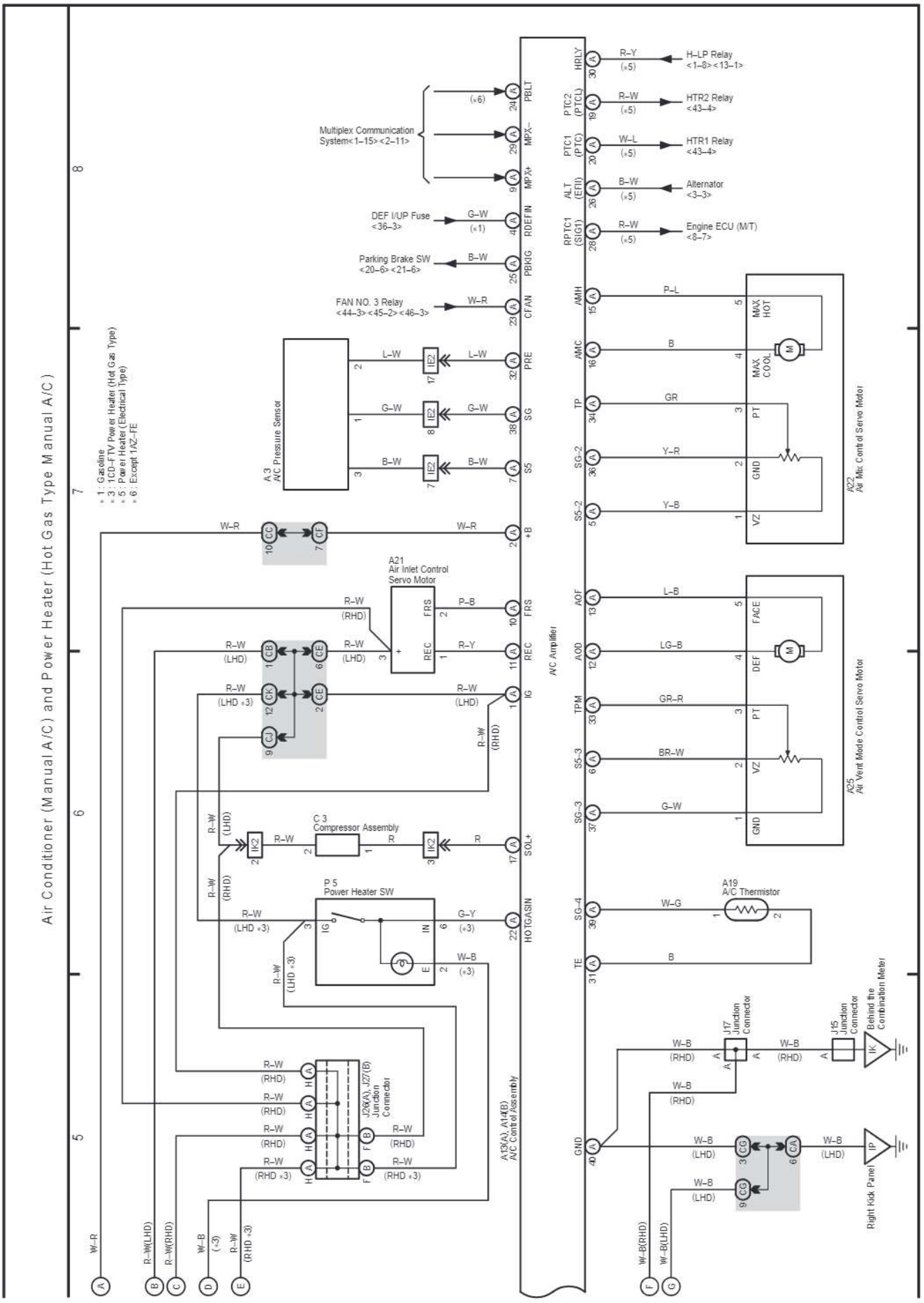


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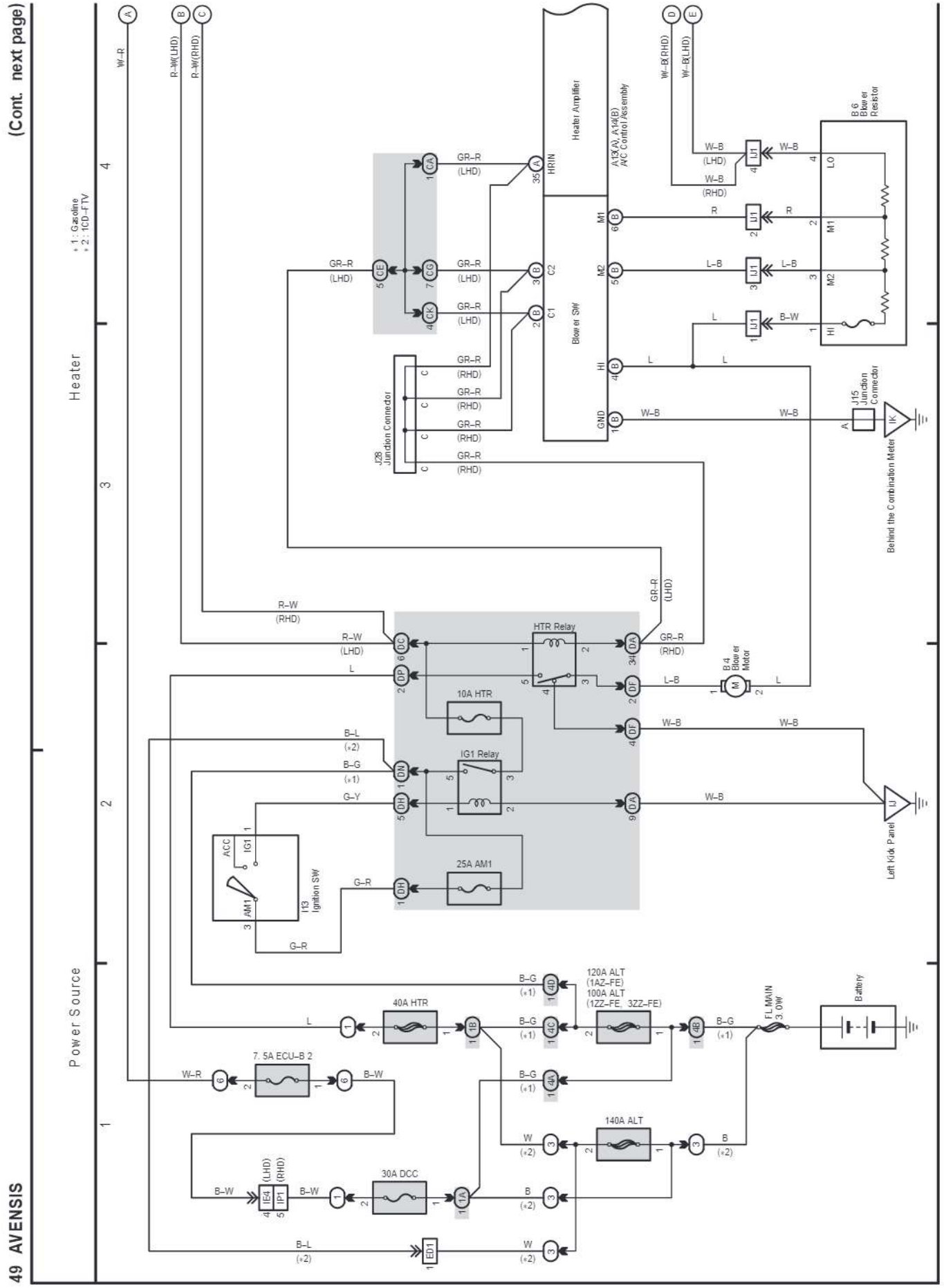

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48 AVENSIS
Power Source
Air Conditioner (Manual A/C) and Power Heater (Hot Gas Type Manual A/C)
*1 : Gasoline
*2 : 1CD-FTV
*3 : 1CD-FTV Power Heater (Hot Gas Type)
*4 : Behind the Combination Meter
C 4 Condenser Assembly
A/C Amplifier
A13 (A), A14 (B) A/C Control Assembly
Blower SW
B 6 Blower Resistor
J28 Junction Connector
J15 Junction Connector
J16 Junction Connector
Behind the Combination Meter
HTR Relay
B 4 Blower Motor
10A HTR
IG1 Relay
25A AM1
I13 Ignition SW
Left Kick Panel
40A HTR
120A ALT (1AZ-FE) 100A ALT (1ZZ-FE, 3ZZ-FE)
7. 5A ECU-B 2
140A ALT
30A DCC
FL MAIN 3 OW
Battery

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48 AVENSIS (Cont' d)

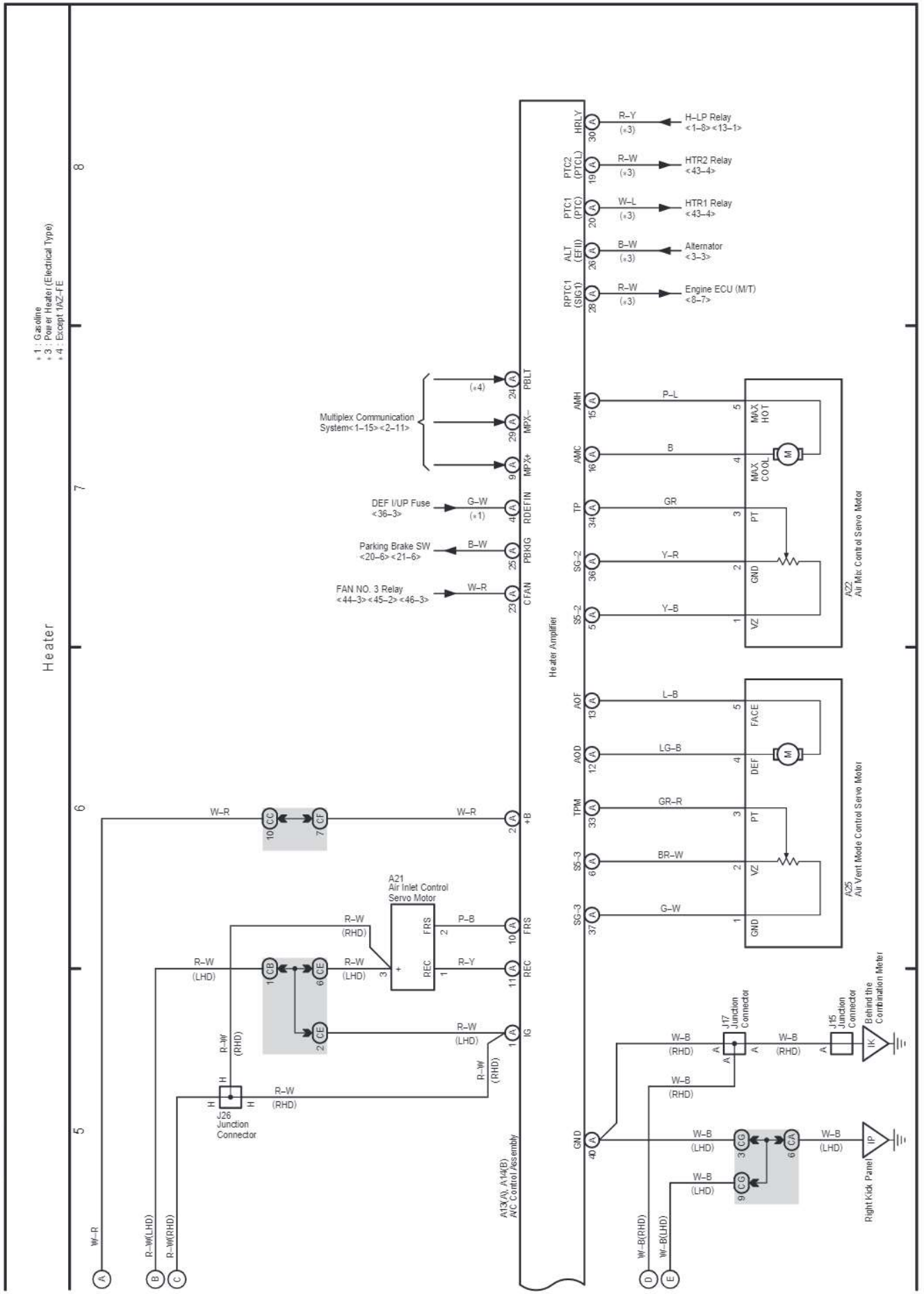


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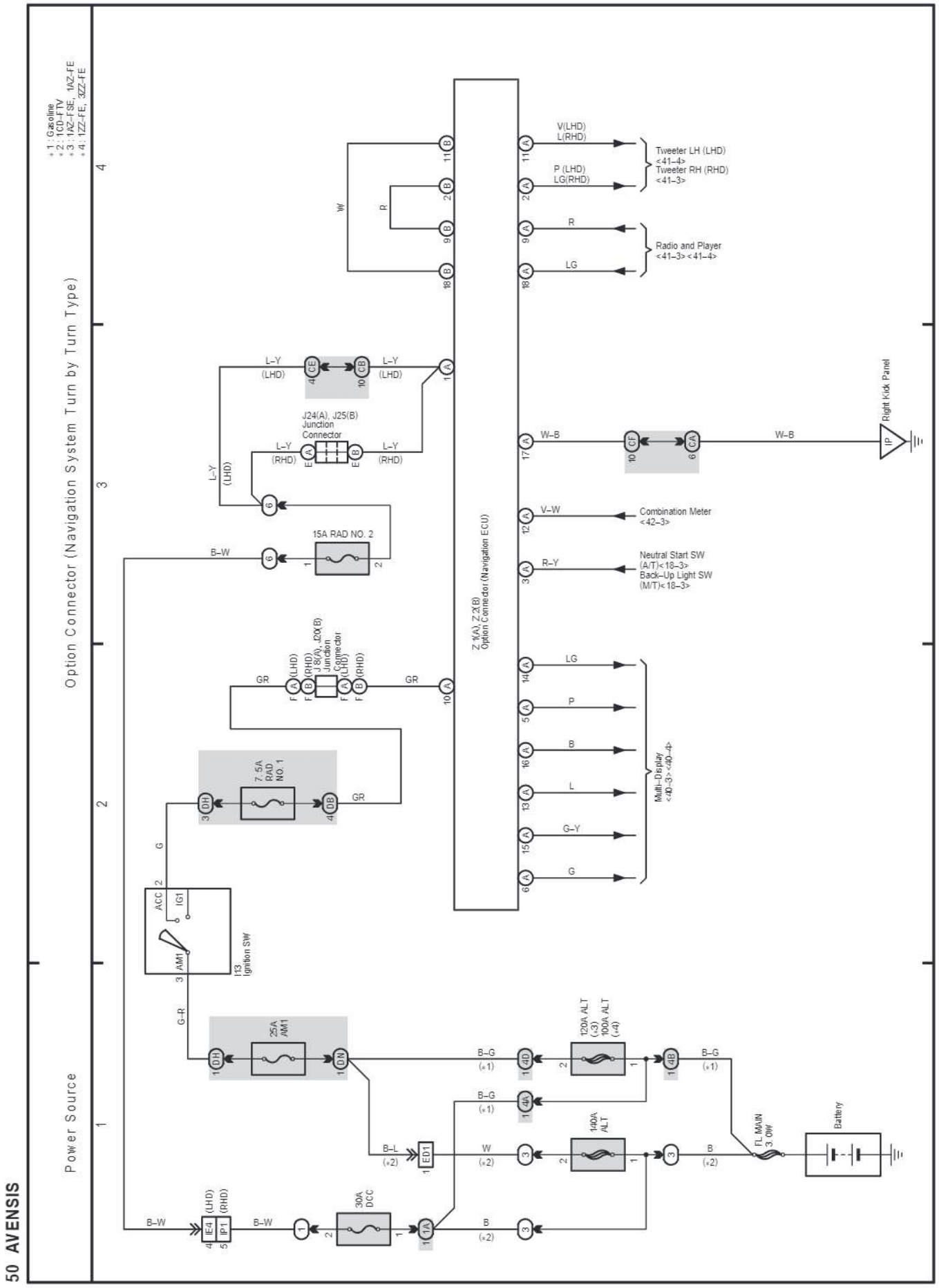

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Heater
Power Source
Heater Amplifier
A13(A), A14(B)
A/C Control Assembly
Blower SW
HTR Relay
10A HTR
IG1 Relay
25A AM1
I13
Ignition SW
ACC
IG1
AM1
7. 5A ECU-B 2
40A HTR
120A ALT
(1AZ-FE)
100A ALT
(1ZZ-FE, 3ZZ-FE)
140A ALT
30A DCC
FL MAIN
3. 0W
Battery
B.6
Blower
Resistor
B.4
Blower
Motor
J28
Junction Connector
J15
Junction Connector
Behind the Combination Meter
Left Kick Panel
* 1 : Gasoline
* 2 : 1CD-FTV

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49 AVENSIS (Cont' d)



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*1 : Gasoline
*2 : 1CD-FTV
*3 : 1AZ-FSE, 1AZ-FE
*4 : 1ZZ-FE, 3ZZ-FE
Option Connector (Navigation System Turn by Turn Type)
Power Source
Z1(A), Z2(B)
Option Connector (Navigation ECU)
V(LHD)
L(RHD)
Tweeter LH (LHD)
<41–4>
P (LHD)
LG(RHD)
Tweeter RH (RHD)
<41–3>
R
Radio and Player
<41–3> <41–4>
LG
L–Y
(LHD)
J24(A), J25(B)
Junction
Connector
L–Y
(RHD)
W–B
Right Kick Panel
V–W
Combination Meter
<42–3>
R–Y
Neutral Start SW
(A/T)<18–3>
Back–Up Light SW
(M/T)<18–3>
15A RAD NO. 2
B–W
J8(A), J20(B)
Junction
Connector
GR
LG
P
B
L
G–Y
G
Multi–Display
<40–3> <40–4>
7.5A
RAD
NO. 1
ACC
IG1
AM1
I13
Ignition SW
G–R
25A
AM1
B–G
(*1)
120A ALT
(–3)
100A ALT
(4–)
140A
ALT
B–L
(*2)
W
(*2)
B
(*2)
FL MAIN
3 0W
Battery
30A
DCC
IE4
IP1

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