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INTRODUCTION

Version and Change Description

Version Number	Date	Content	Change Content	Applicable Model
Version 00	6/25/2023	Circuit diagram	/	New-generation TXL 1.6TGDI+7DCT 2.0TGDI+8AT
Version 01	9/2/2023	Circuit diagram	1.6T and 2.0T engine systems are placed separately Add panoramic view as standard	

This manual contains the following 12 chapters:

Chapter No.	Section Name	Description
01	Introduction	Mainly includes the chapter overview, and applicable model for this manual.
02	How to Use This Manual	Instructions about how to use this manual.
03	Troubleshooting	Describes the basic inspection procedure for a circuit.
04	Abbreviation	Define the abbreviations used in this manual.
05	Terms and Symbols Table	Define symbols and functions of major parts.
06	Fuse and Relay Information	This section is used to quickly query the location distribution of fuses and relays; Circuit direction of fuse box and fuse and relay box.
07	Power Supply Distribution Center	This section can be used to check the load situation of each fuse and relay. This section can be used to check the related circuit fault together with the system circuit diagram.
08	Ground Point	If you want to quickly learn about the location of ground point, you can quickly learn about the distribution of ground point and the summary of the parts that share ground through this section.
09	Control Module Distribution Diagram and Terminal Definition	Represents the position of control module and terminal definition of control module. This section is closely related to system circuit.
10	Wire Harness Location Diagram	This section describes the position distribution of each wire harness and each connector and its front view.
11	System Circuit Diagram	Each system circuit will be drawn independently, easy to query a single system circuit.
12	Overall Circuit Diagram	Integrate and summarize system circuit diagrams according to modules.

How to Use This Manual

General Information

This manual provides circuit information for each system of the vehicle by separating the circuit of each system.

Displays the actual wire harness for each system circuit from the battery power supply to the ground point. (Switches in normal state (normally on or normally off) are shown in all circuit diagrams.)

When troubleshooting any fault, first understand the working condition of the circuit which the fault was detected (refer to the system circuit), the power supply (refer to the power supply) and the ground point (refer to the ground point).

Start troubleshooting the faulty circuit to solve the cause of the fault when understanding working condition of the circuit. Use the sections "Fuse Box Relay Information" and "Wire Harness Location" for parts, harness, connectors, and ground points of each system circuit.

Each system circuit indicates the wire harness associated with the system by arrows. If you need to understand the overall connection, refer to the "Overall Circuit Diagram" at the end of this manual.

Warning

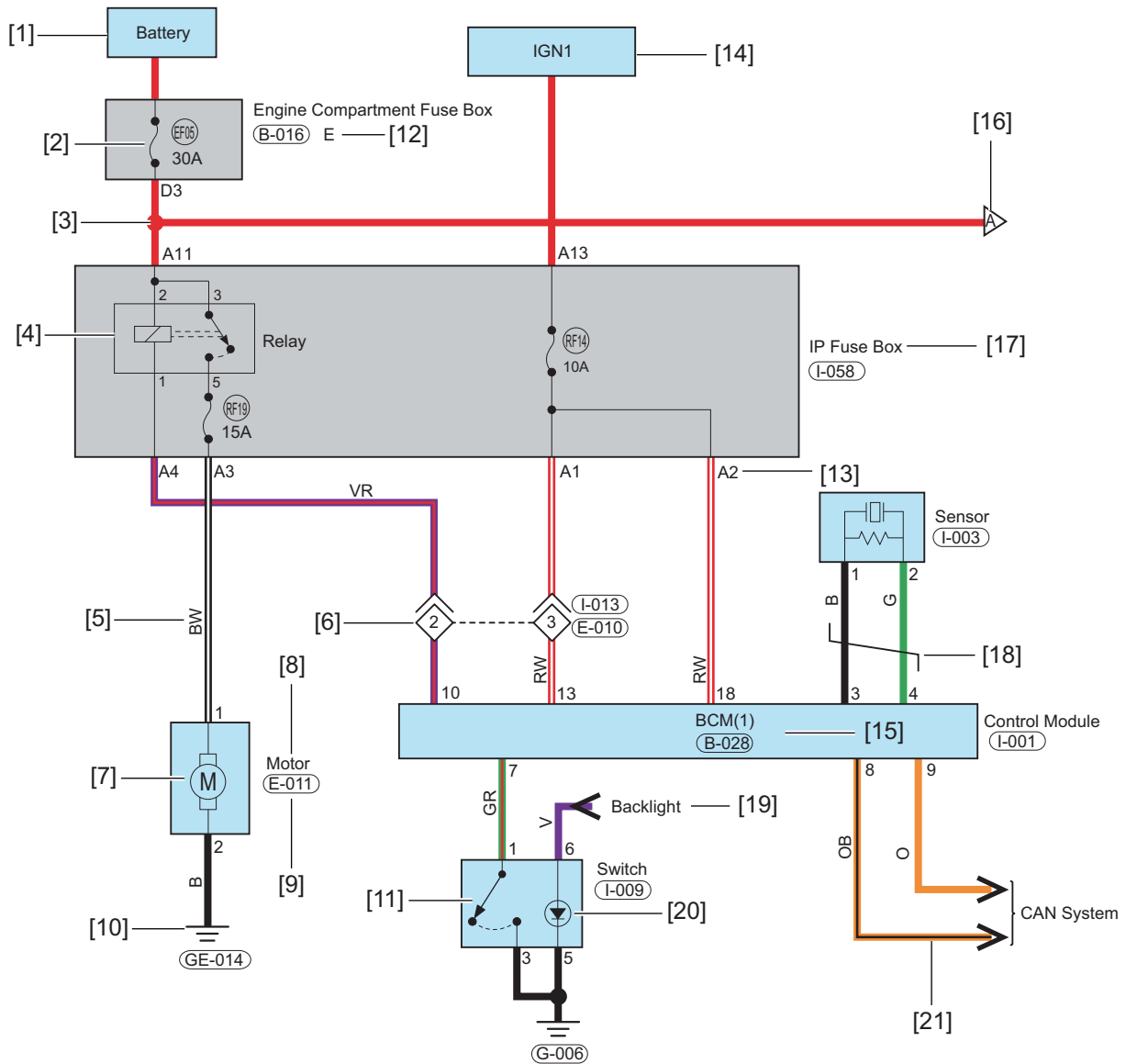
- The information in this manual is about wire harnesses. Information about components and assembly parts is for reference only. Please refer to the related repair manual.

Circuit Diagram Description

Provide circuit diagram to help technicians determine and detect vehicle faults efficiently.

Function and feature of circuit diagram:

- Power supply circuit is at the top of the page and the ground circuit is at the bottom.
- Display components (such as switches and fuses) as simple labels on a circuit diagram.



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* The displayed circuit diagram shown here is an example only. It is different to the actual circuit shown in "System Circuit" section.

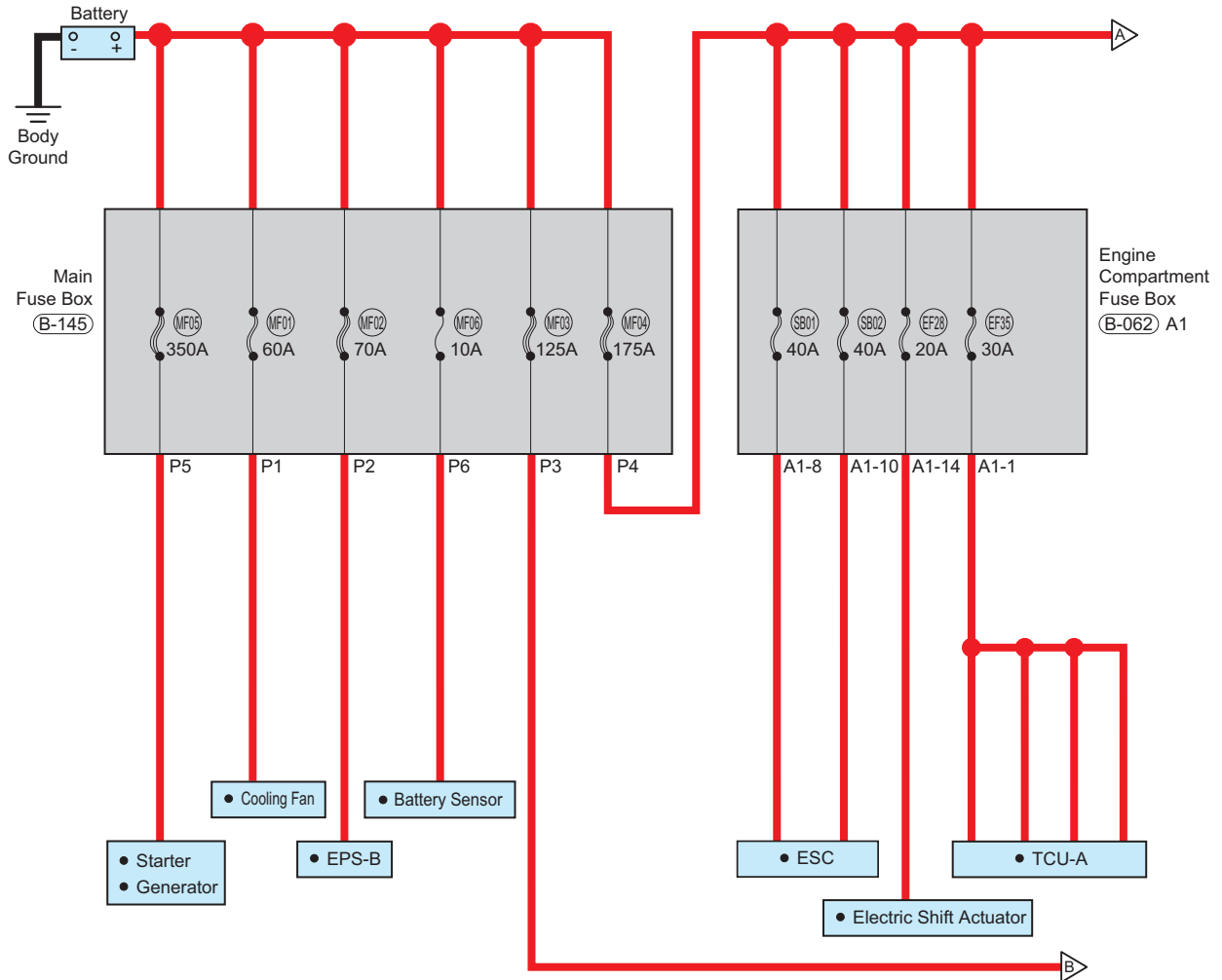
The following table is the symbol table defined in the circuit diagram.

No.	Definition	Description
[1]	Battery	Indicates the power supply from positive battery of battery to electrical equipment.
[2]	Fuse	This symbol indicates a fuse; "EF05" indicates the fuse number; "30A" indicates the rated current of the fuse.
[3]	Junction Point	A solid circle indicates a cross connection between the crossed wires.
[4]	Relay	This symbol indicates a relay; "MAIN RELAY" indicates the relay name; "1", "2", "3", and "5", or "85", "86", "87", and "30" indicate the terminal number of relay.
[5]	Color	Indicates color of wire harness. The color code is as follows: B = Black; W = White; R = Red; G = Green; L = Blue; Y = Yellow; Br = Brown; O = Orange; Gr = Gray; P = Pink; V = Purple; Lg = Light Green. For example, "BrR" indicates that the primary color of the wire harness is brown and the secondary color is red.
[6]	Connector	Indicates the wire harness connector. "Λ" indicates female connector, "I-013" indicates the application number; "?" indicates male connector, "E-010" indicates the application number. The numbers "2" and "3" on the inner side of male connector indicate the terminal number. "----" indicates different terminals from the same wire harness connector.
[7]	Motor	This symbol indicates a motor.
[8]	Component Name	Indicates a component name.

No.	Definition	Description
[9]	Connector code	"E-011" indicates the connector code of this component. The letter "E" indicates the wire harness code of connector in wire harness. The connector code is as follows: Q = Front Bumper Wire Harness; E = Engine Wire Harness; I = Instrument Panel Wire Harness; B = Interior Wire Harness; J = Rear Bumper Wire Harness; F = Front Left Door Wire Harness; H = Front Right Door Wire Harness; L = Rear Left Door Wire Harness; R = Rear Right Door Wire Harness; T = Back Door Wire Harness; K = A/C Wire Harness; D = Transmission Wire Harness. Y = HSD Connecting Wire Harness X = Display Connecting Wire Harness U = USB Connecting Wire Harness
[10]	Ground Point	Indicates ground point. For example, GQ-010, G indicates ground point, Q indicates the ground point is in the front bumper wire harness (different letters indicate the corresponding wire harness), and 010 indicates the number of ground point.
[11]	Switch	This symbol represents a switch.
[12]	Fuse and Relay Box Connector	For example, B-015 E, that is connector B-015 named in this circuit diagram manual corresponds to connector E of real vehicle fuse and relay box.
[13]	Terminal No.	Indicates the terminal number of the connector of the component.
[14]	Ignition Switch	Indicates the power supply from ignition switch to electrical equipment.
[15]	Module Name	Indicates the module connectors stacked up and down and their corresponding connector numbers.
[16]	Connect to	Indicates the wire harness connected to the circuit diagram on next page. Letter "A" is connected to "A" in circuit diagram on next page.
[17]	Fuse and Relay Name	Indicates names of fuses and relays.
[18]	Twisted Wire	Indicates two wires are twisted.
[19]	Background light power supply	Indicates illumination light power supply output from backlight adjustment switch.
[20]	LED	Used for indicator light, warning light or illumination light of switch or instrument cluster.
[21]	CAN	Indicates CAN wire harness in circuit diagram. Connected to CAN system.

Power Supply Description

"Power Distribution Center" section describes the parts that transmit current from each power supply. In the power supply circuit diagram, explain the battery power supply to each system. Since all system circuit diagram start with the power supply, it is important to have a clear understanding of power distribution.



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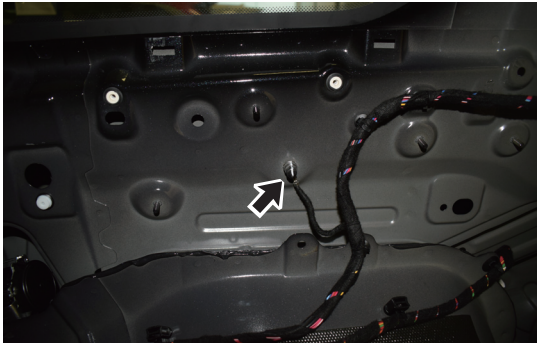
* The system shown here is used as an example only. It is different to the actual circuit shown in "Power Supply" section.

Ground Point Description

The ground point circuit diagram shows the connection from all major components to the corresponding ground point. When troubleshooting a fault ground point, check system circuits that use universal grounding may help to quickly identify fault grounding. You can also use this method to check the connection between ground points.

Example

02

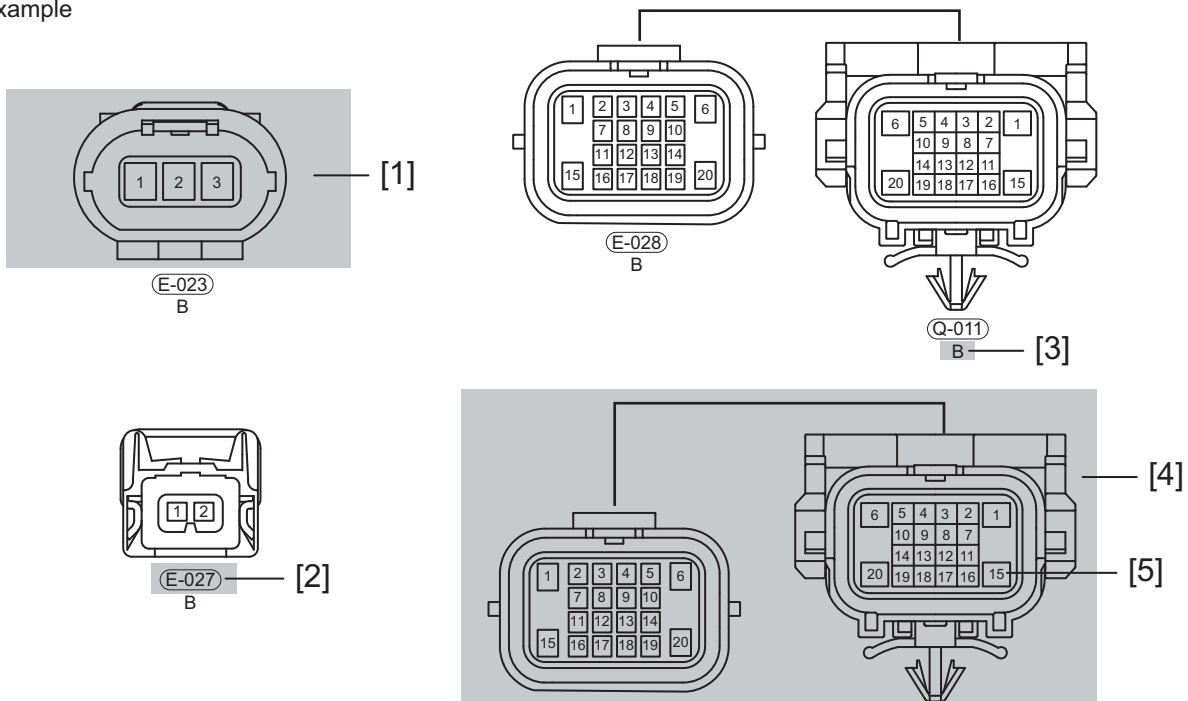
Ground Position	Physical Graphics
<p>Right C-pillar Inner Plate</p>	
<p>The diagram shows a ground point labeled GB-086 connected to a network of wires. A diamond symbol with the number 17 is also present. The components connected are:</p> <ul style="list-style-type: none"> 5 Left Blind Spot Detection Module (J-014) 3 Right Blind Spot Detection Module (J-003) 5 Right Blind Spot Detection Module (J-003) 1 Fog Light FL (J-011) 1 Rear Right Combination Light (Body Part) (B-089) 1 Luggage Compartment Light (B-090, B-091) 2 12V Power Supply Socket (B-092) J1-13 PDC-J1 (B-087) 	

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* The system shown here is used as an example only. It is different to the actual circuit shown in "Ground Point" section.

Connector List Description

Example



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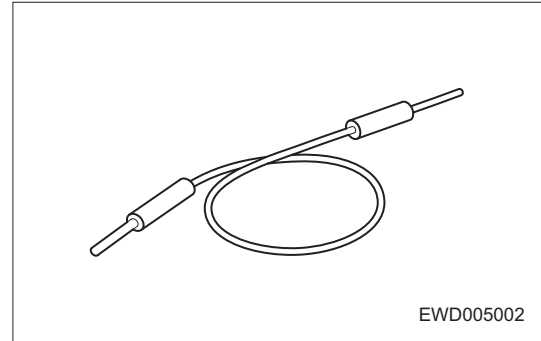
No.	Definition	Description
[1]	Connector	It indicates the connector connected to the part. (This number indicates the terminal number.)
[2]	Connector code	It indicates the connector code.
[3]	Connector color	It indicates the connector color.
[4]	Connecting wire connector	It indicates shape of connector that combines the wire harness Left side: Shape of male connector Right side: Shape number of female connector indicates terminal number.
[5]	Terminal No.	Numbers indicate terminal numbers. Numbering system for male and female connectors is different Example: <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Numbered sequentially from top left to bottom right</p> <p>Female</p> </div> <div style="text-align: center;"> <p>Numbered sequentially from top right to bottom left</p> <p>Male</p> </div> </div>

Troubleshooting

Electrical Malfunction Troubleshooting Tool

1. Jumper Wire

Jumper wire is used to establish temporary circuits. Connect jumper wire between terminals of the circuit to bypass switches.



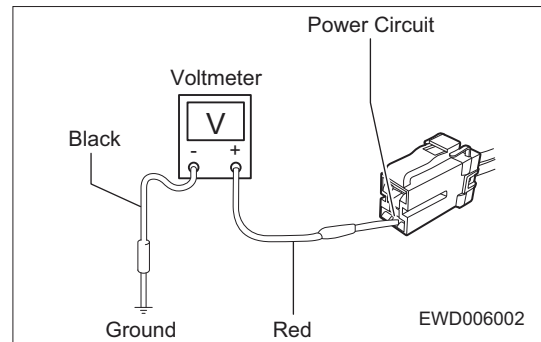
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Warning

- Do not connect jumper wire between power source end and body ground, otherwise wire harness or electrical components may be damaged.

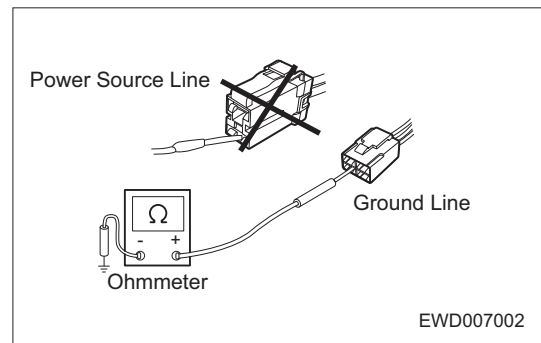
2. Voltmeter

Voltmeter is used to measure the circuit voltage. Measurement range should be higher than 15 V. Voltage is measured by connecting the positive probe (red) of voltmeter to positive lead of part to be tested and the negative probe (black) to the negative lead or body ground.



3. Ohmmeter

An ohmmeter is used to measure the resistance between two points in a circuit or to check the circuit for open or short.



Warning

- When applying voltage to the circuit, do not connect the ohmmeter to circuit, otherwise the measurement data may be inaccurate or even cause damage to ohmmeter.

Electrical Malfunction Troubleshooting

Wire harness Troubleshooting

Following six steps help troubleshoot wire harnesses. Be sure to check any non-genuine components added to the vehicle before performing any diagnosis. If the vehicle is equipped with such components, disconnect it to confirm that the added components are not the cause of fault.

To troubleshoot the wire harness, perform the following steps:

1. Confirm DTCs.
2. Look for any related faults (by checking components in the same circuit).
3. Analyze symptoms (use a circuit diagram to determine circuit layout, areas most likely to fail, and areas to proceed with diagnosis).
4. Isolate the failure area.
5. Repair the failure area.
6. Check if it is working properly (in this step, check if all items of repairing circuit are working properly).

Voltage Test

1. Establish the condition that voltage is present at the checkpoint.

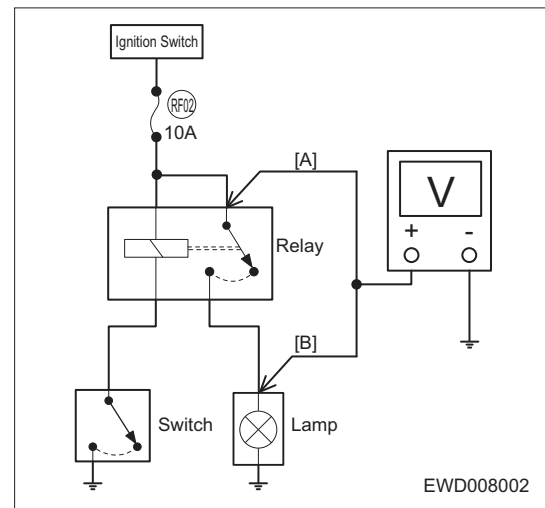
Example:

[A] - Ignition switch ON

[B] - Ignition switch and switch ON

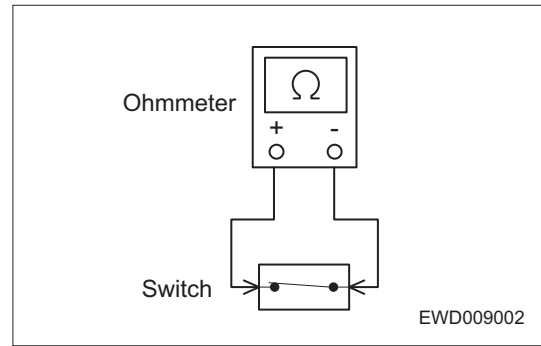
2. Use a voltmeter to connect the negative probe (black) to a good ground point or battery negative terminal, and connect the positive probe (red) to the connector or component terminal.

A test lamp may be used instead of a voltmeter during inspection.



Circuit Continuity Test

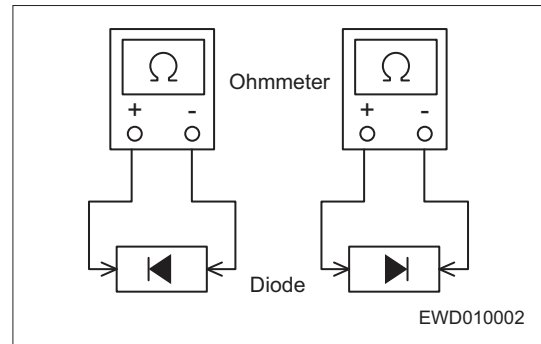
1. Turn off all electrical equipment and the ignition switch, and disconnect the battery negative cable.
2. Remove the tested circuit.
3. Connect the two probes of ohmmeter to both ends of tested circuit, and check the circuit conductivity (small resistance indicates good circuit conductivity).



If the circuit has diodes, exchange the two probes and check again.

Connect the negative probe (black) to the positive side of diode. When the positive probe (red) is connected to the negative side, it may be continuity.

If the two probes are exchanged, they should be no continuity.



Short Test

1. Measure and record battery voltage.
2. Pull out the fuse of tested circuit or disconnect the power supply end of tested circuit.
3. Connect the positive probe of voltmeter (red) to the positive terminal of battery, and the negative probe (black) to power supply end of circuit.
4. Check the voltage value shown on voltmeter. If voltage value of battery is displayed, it indicates that the test circuit short to the ground.

A test lamp may be used instead of a voltmeter during inspection.

Electrical Repair

Wire Harness Repair

Warning

- Measure the length of lead to be repaired and select a suitable substitute lead before repair.
- If there are several leads to repair, shake the repair part.

1. Strip 0.5 inch insulation layer from repair leads and substitute leads.
2. Connect the original lead to substitute lead using a heat shrinkable tube and compress metal core of heat shrinkable tube with a tool to securely connect the original lead to substitute lead.
3. Heat the heat shrinkable tube to shrink the outer rubber layer and ensure that the service area is well sealed.
4. Wrap the service lead with insulating tape.

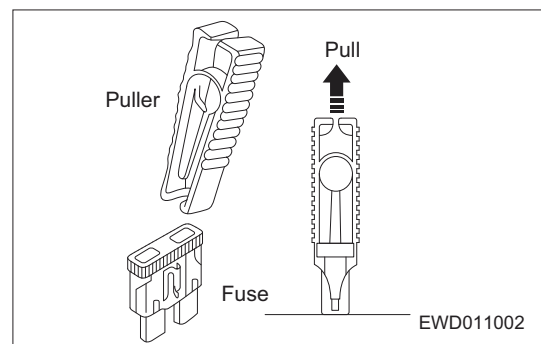
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Fuse Replacement

Warning

- After replacing the fuse, perform a power on test. If the fuse is blown again, check the corresponding circuit for short. If any electrical equipment or additional equipment that exceeds the rated current is installed, replace the fuse with a higher current.

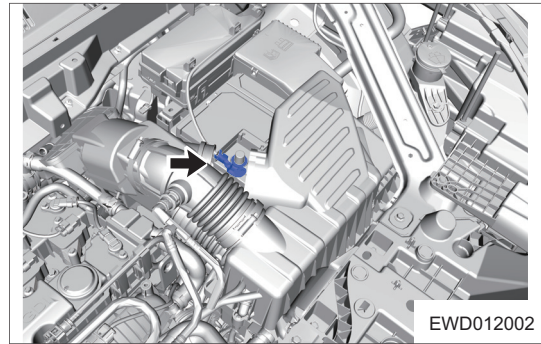
1. Turn off all electrical equipment and ENGINE START STOP switch before repair.
2. Remove the blown fuse with the fuse puller.
3. Replace with a new fuse with same specification.



Electrical Components

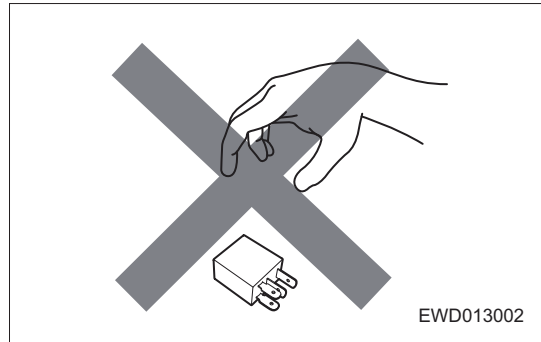
1. Battery Cable

Disconnect the negative battery cable before repairing electrical components (arrow).



2. Sensors, Switch and Relay

Do not drop or knock sensors, switches or relays during maintenance to avoid damaging components.



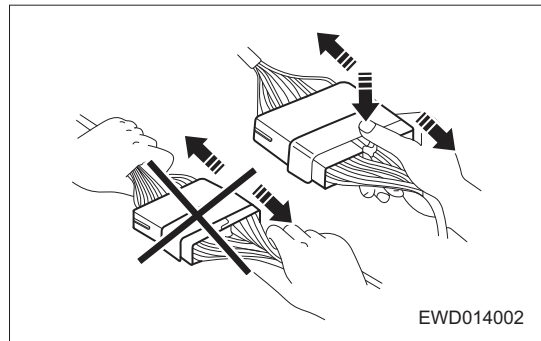
Warning

- Use relays with same specifications as the original relay during replacement.

3. Connector

a. Disconnect the connector.

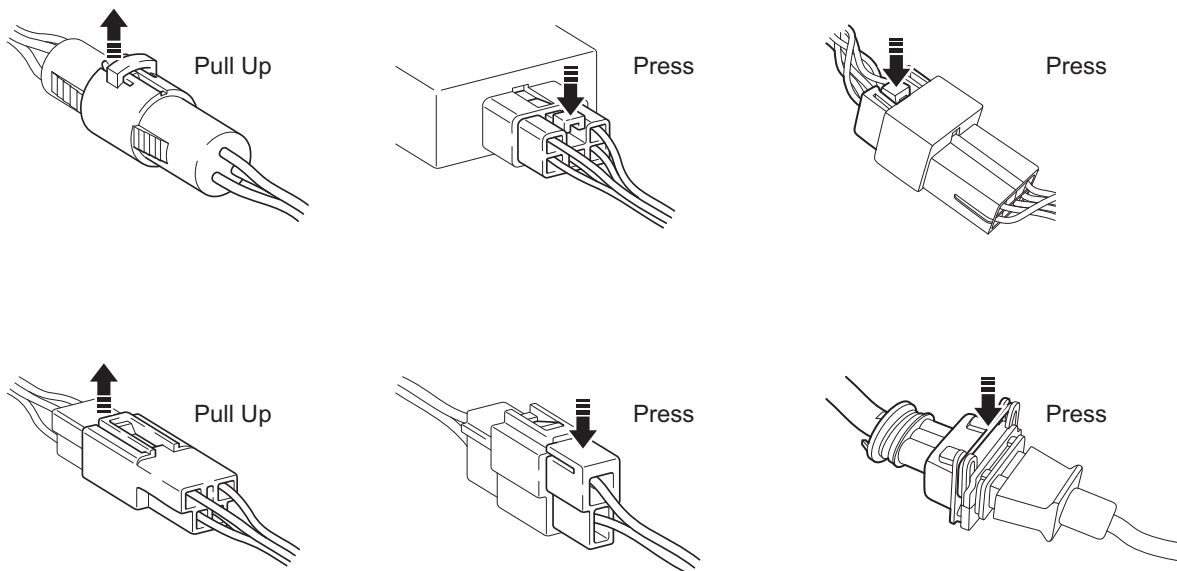
To pull away from the connector, pull on the connector itself and press the connector clip to disconnect it.



Warning

- When disconnecting connectors, do not forcibly pull the wire harness to avoid damaging components.

There are many ways to secure the connector clip. The following figure shows the common disconnection method.

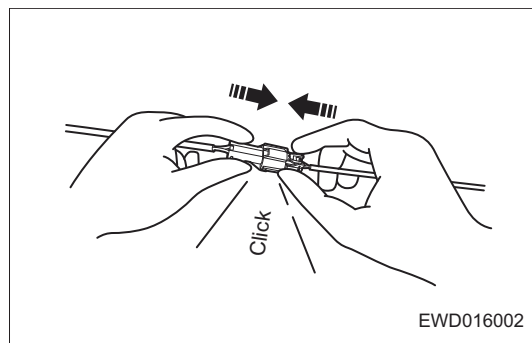


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b. Install the connector.

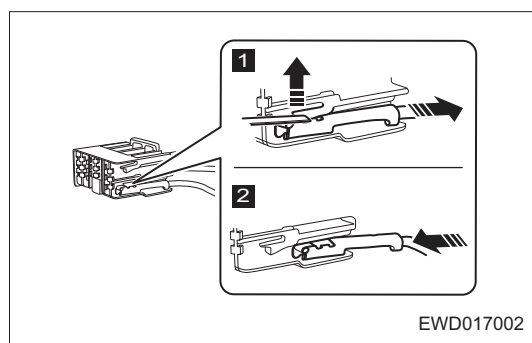
When the connector is installed in place, a "click" is heard.



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c. Replace the connector terminal.

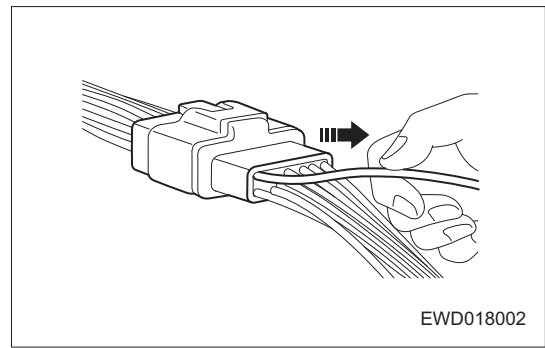
As shown in figure (1), insert appropriate tool into the terminal to lift fixing clip, and then pull out terminal from back side. As shown in figure (2), push the terminal from back of connector to ensure that fixing clip is installed in place.



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d. Check the connector terminal.

Gently pull on a terminal wire harness to check if it is installed in place.






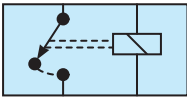
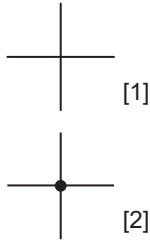

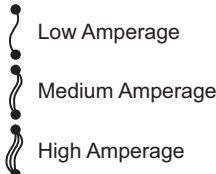
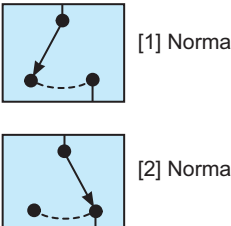

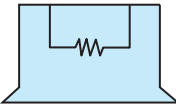
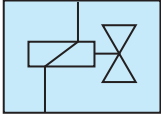
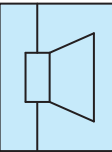

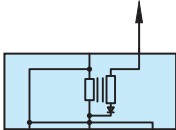

Abbreviation

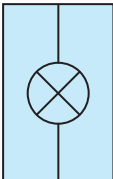

This manual uses the following abbreviations.

Abbreviation	Terms
A	A
ACM	Airbag Control Module
ACP	Audio Control Panel
AIPM	A/C Control Panel
AVM	Panoramic View Monitor System
AWD	AWD Module
BCM	Body control system
BSDL	Left Side Blind Spot Detection System
BSDR	Right Side Blind Spot Detection System
CCPR	Rear A/C Control Panel
CLM	Automatic A/C Control Module
CWC	Wireless Charging Module
DCM	Door Control Module
DMC	Information Entertainment Domain Controller
DVR	Driving Recorder
EGS	Button-type Electronic Shift Module
EMS	Engine Management System
EPS	Electric Power Steering System
ESP (iEPB)	Electronic Driving Stability Control Module (Integration Electric Parking Brake)
FCM	Front Camera Module
FPC	Fuel Pump Controller
FRM	Front Radar Module
HUD	Head Up Display Module
PDC	Reverse Distance Assist System
PEPS	Passive Entry And Passive Start Module
PLG	Power Back Door Module
RLS	Sunlight Rain Sensor
SCM	Steering Column Module
SCU	Seat Control Module
TCU	Transmission Control Unit

Abbreviation	Terms
TGW	Remote Communication Gateway
VGW	Vehicle Gateway Module
APA	Full Automatic Parking Assist System

Terms and Symbols Table

 	<p>Battery</p> <p>Store chemical energy and convert it into electrical energy.</p> <p>Provide direct current for various circuits.</p>		<p>Ground</p> <p>Wire harness connects the points of vehicle body, so as to provide a loop for circuit; Without a ground line, current cannot flow.</p>
	<p>Relay</p> <p>Generally, an electronically operated switch that can be normally closed or opened.</p> <p>Current flowing through small coil generates a magnetic field that can open or close contact switch.</p>		<p>Wire harness</p> <p>Wire harness is always represented by a straight line on circuit diagram.</p> <p>If there is no black dot at the intersection, it indicates that it is not connected;</p> <p>A black dot at the intersection indicates a cross connection.</p>
	<p>Motor</p> <p>A power device that converts electrical energy into mechanical energy, especially rotational motion.</p>		<p>Fuse</p> <p>A metal sheet that fuses when excess current passes through, blocking current to prevent damage to circuit.</p>
	<p>Switch</p> <p>Therefore, open and close circuit, stop [1] or allow [2] to be energized.</p>		<p>Twisting</p> <p>The two wire harnesses are twisted together and used to transmit signals.</p>
	<p>Speaker</p> <p>The utility model relates to an electromechanical device which can generate sound waves by using current.</p>		<p>Solenoid valve</p> <p>The utility model relates to an electromagnetic coil, which can generate a magnetic field when a current flows, so as to move an iron core, etc.</p>
	<p>Horn</p> <p>An electronic device that can send high-frequency audio signals.</p>		<p>LED (Light Emitting Diode)</p> <p>Light emitting diodes also use current to light. Compared with ordinary light, they do not generate heat when lighting.</p>
	<p>Ignition Coil</p> <p>Convert low-voltage DC current into high-voltage ignition current to ignite spark plug.</p>		<p>Resistor</p> <p>Electrical components with fixed resistance are installed in circuit to reduce voltage to specified value.</p>

	<p>Lamp Current flows through filament, making filament hot and luminous.</p>		<p>Heating wire harness A resistance heating element.</p>
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Fuse and Relay Information

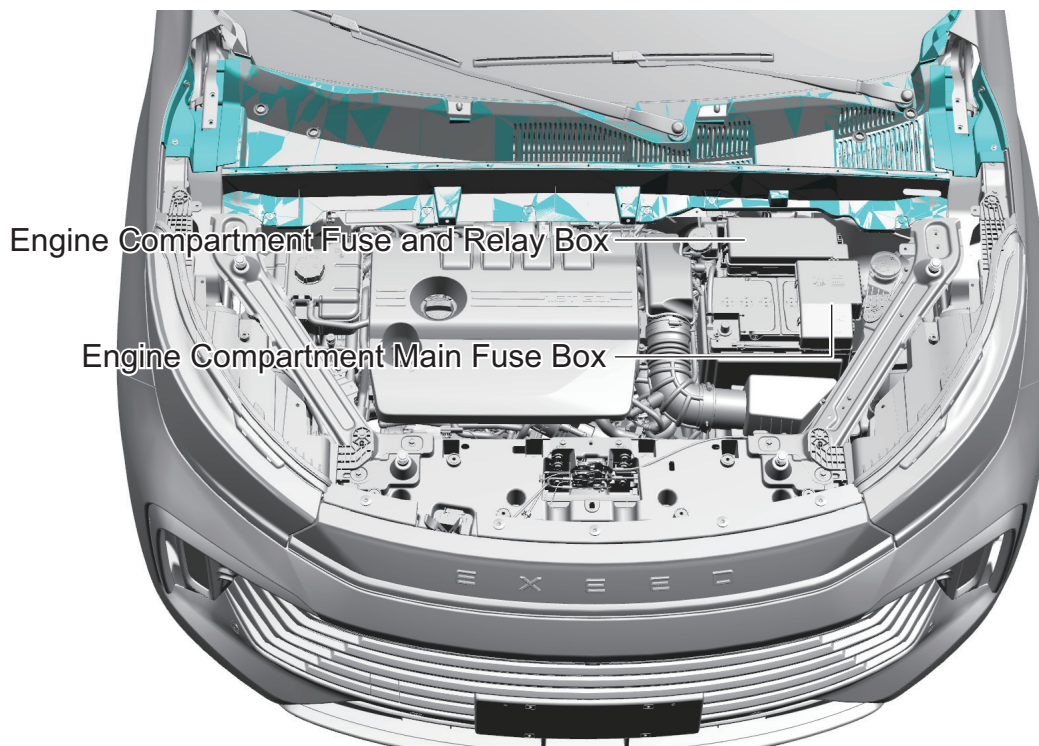
General Information

Each system shall be equipped with fuses and relays to ensure normal operation of vehicle electrical system. Fuses and relays are integrated in fuse and relay box and are installed in the following locations on vehicle:

- Engine compartment fuse and relay box: Located on left side of engine compartment and behind battery.
- Instrument panel fuse and relay box: Located at lower left of instrument panel.

Engine Compartment Fuse And Relay Box

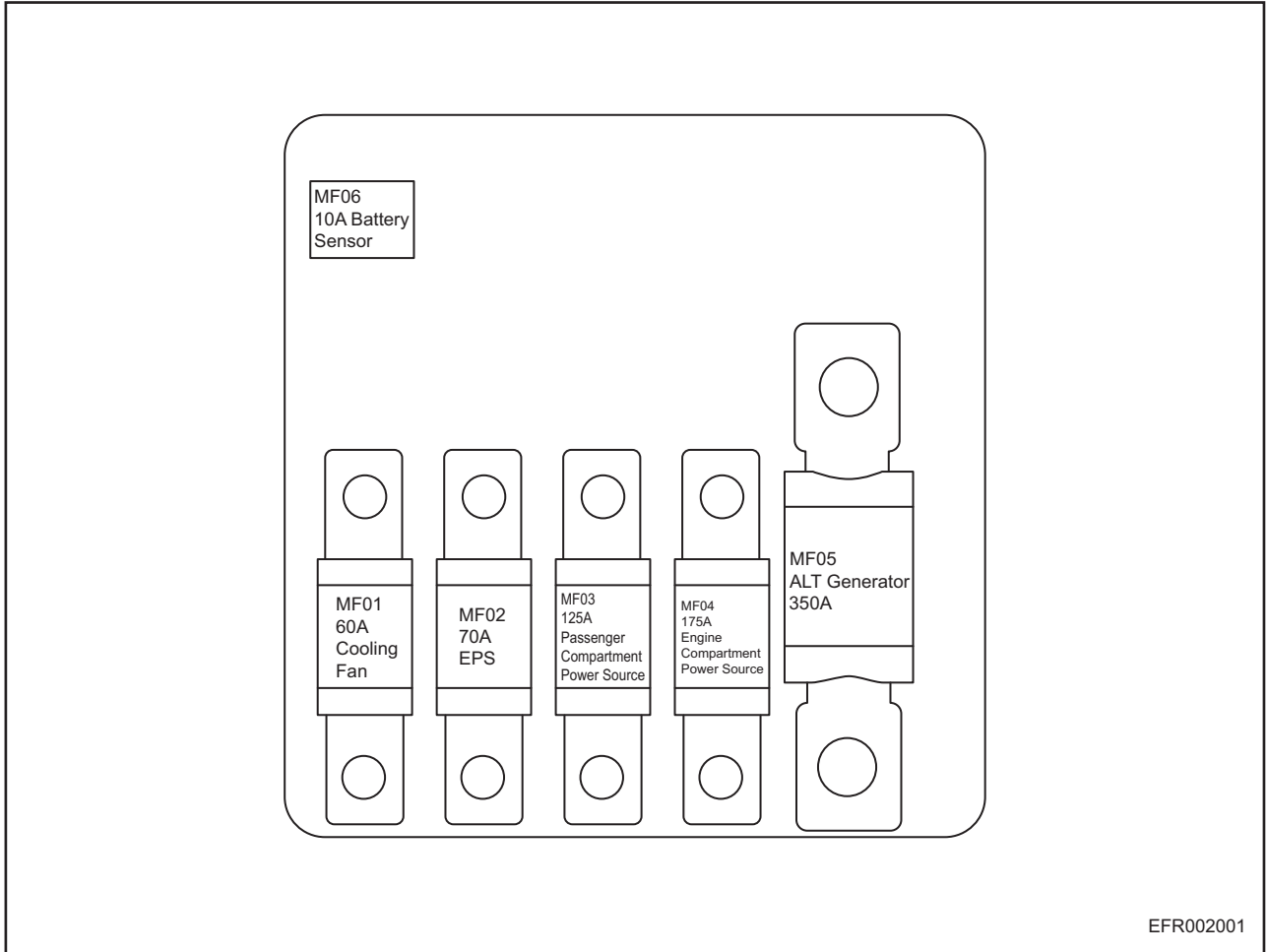
Location of Engine Compartment Main Fuse Box and Engine Compartment Fuse and Relay Box



06

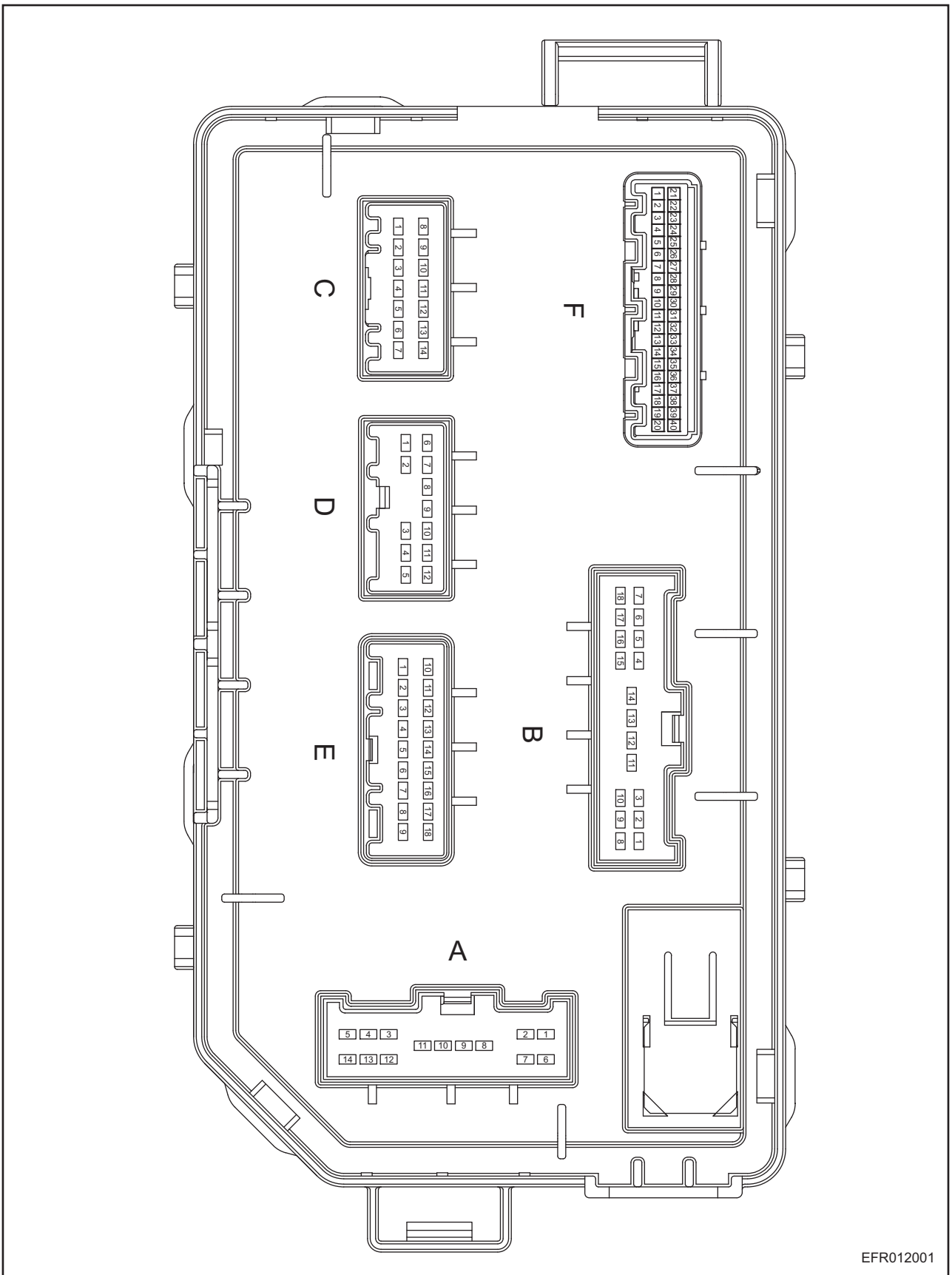
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Engine Compartment Main Fuse Box Layout Details



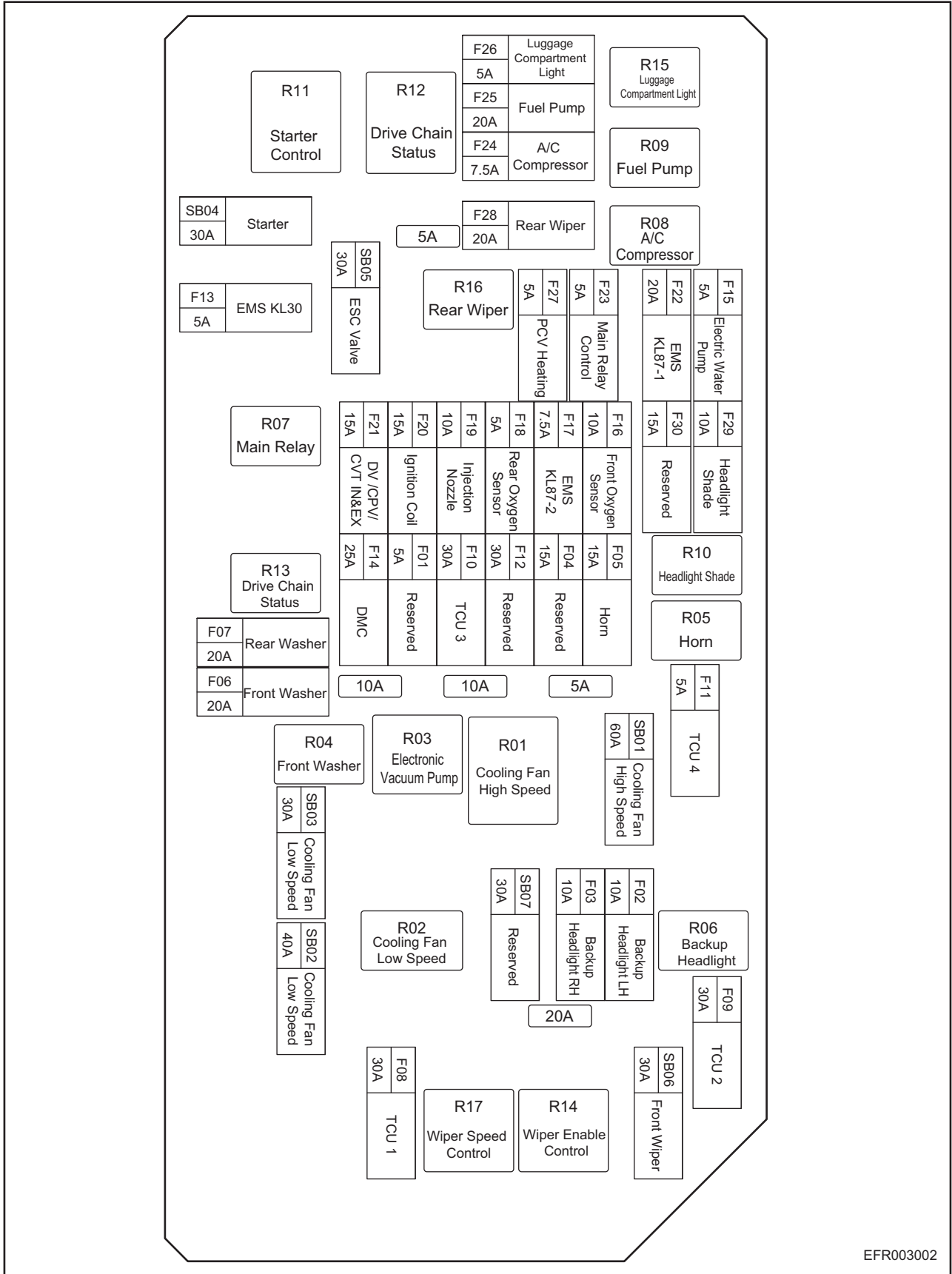
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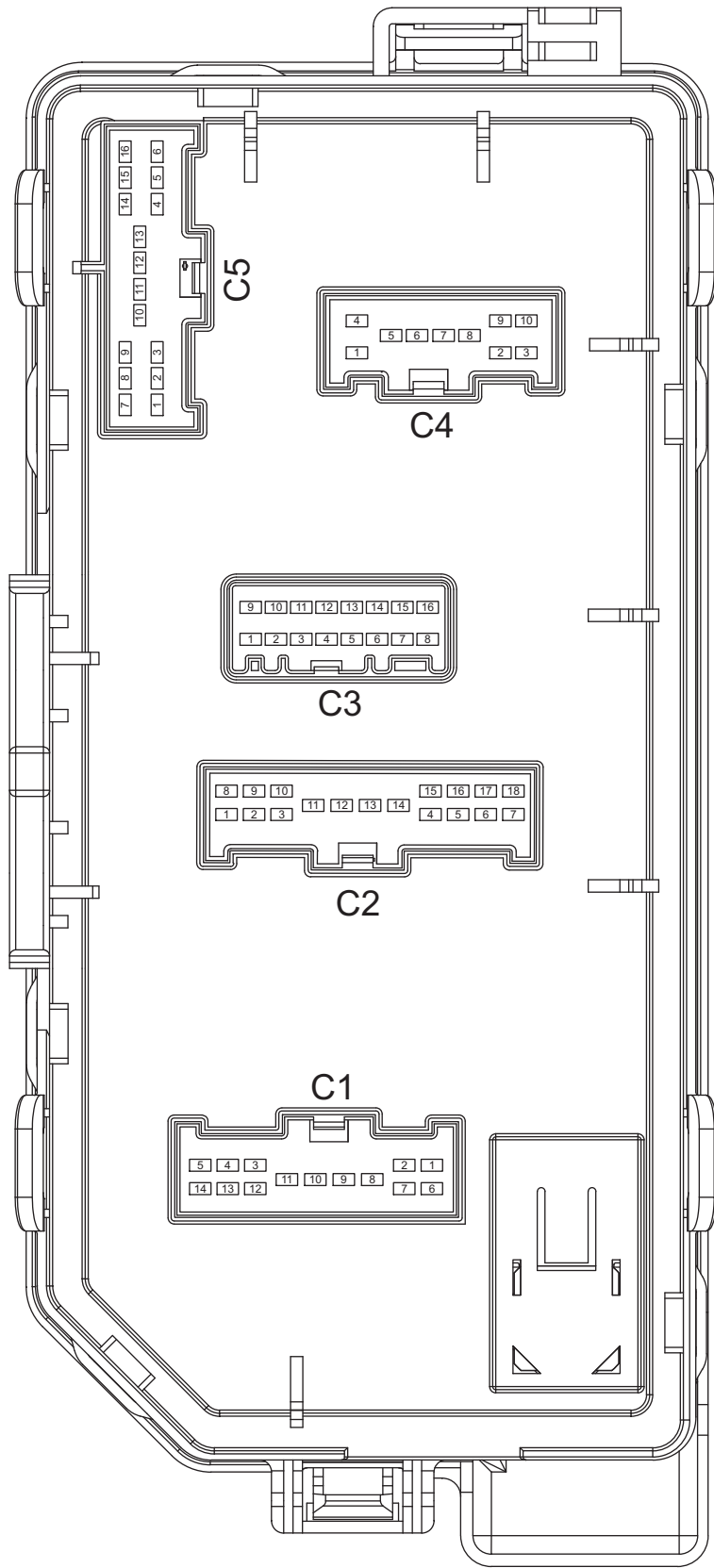


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1.6T Engine Compartment Fuse and Relay Box Layout Details

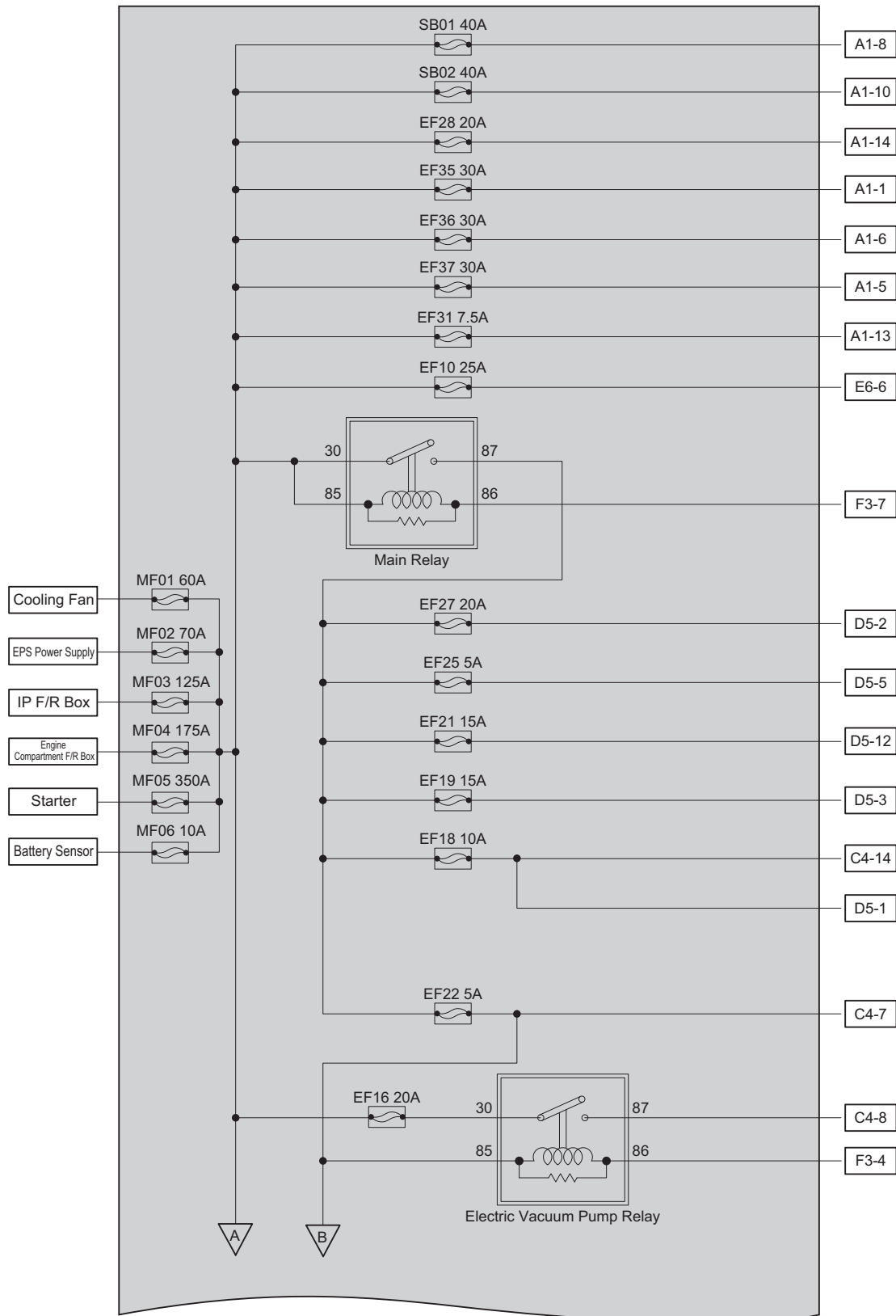


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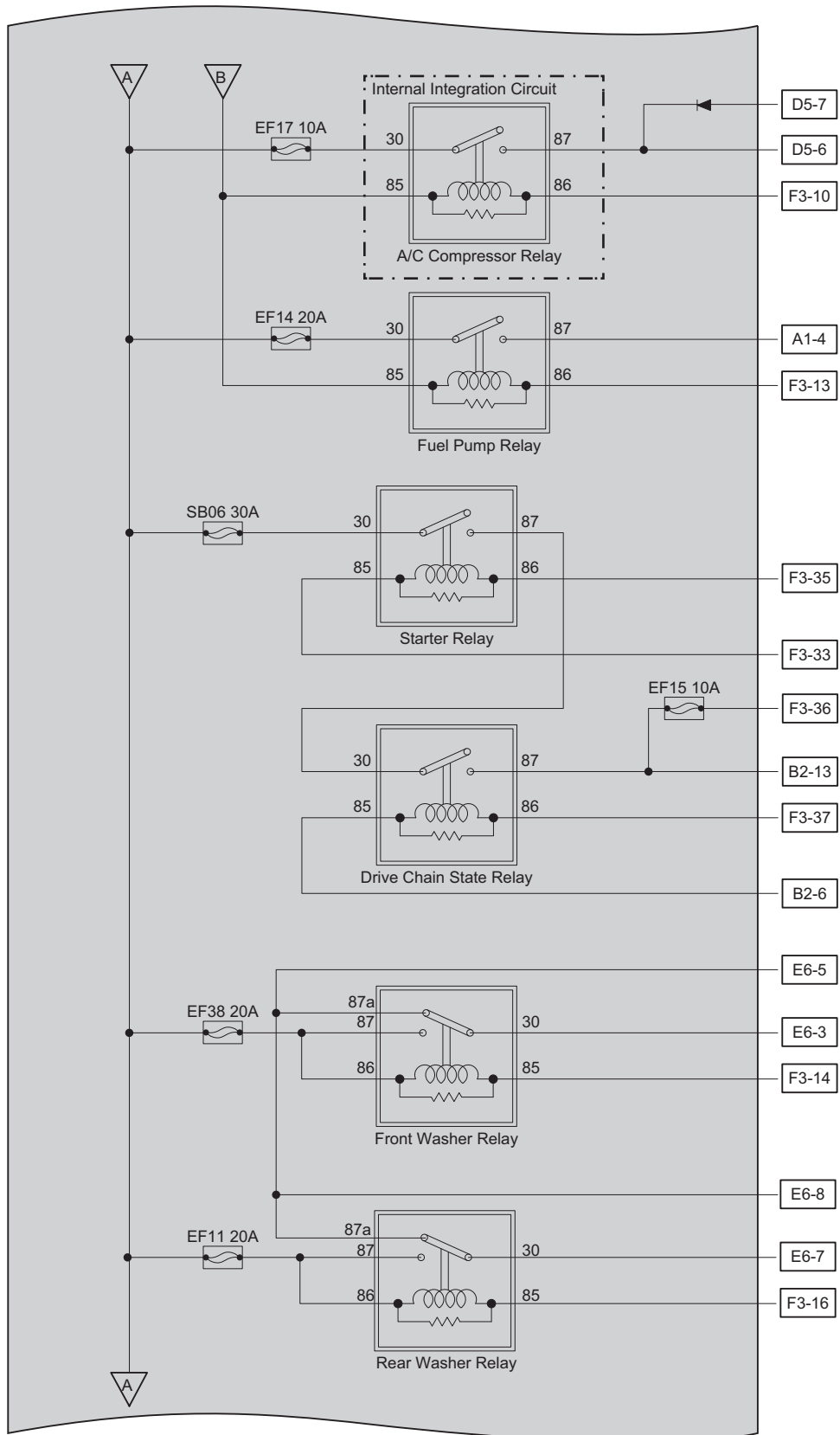


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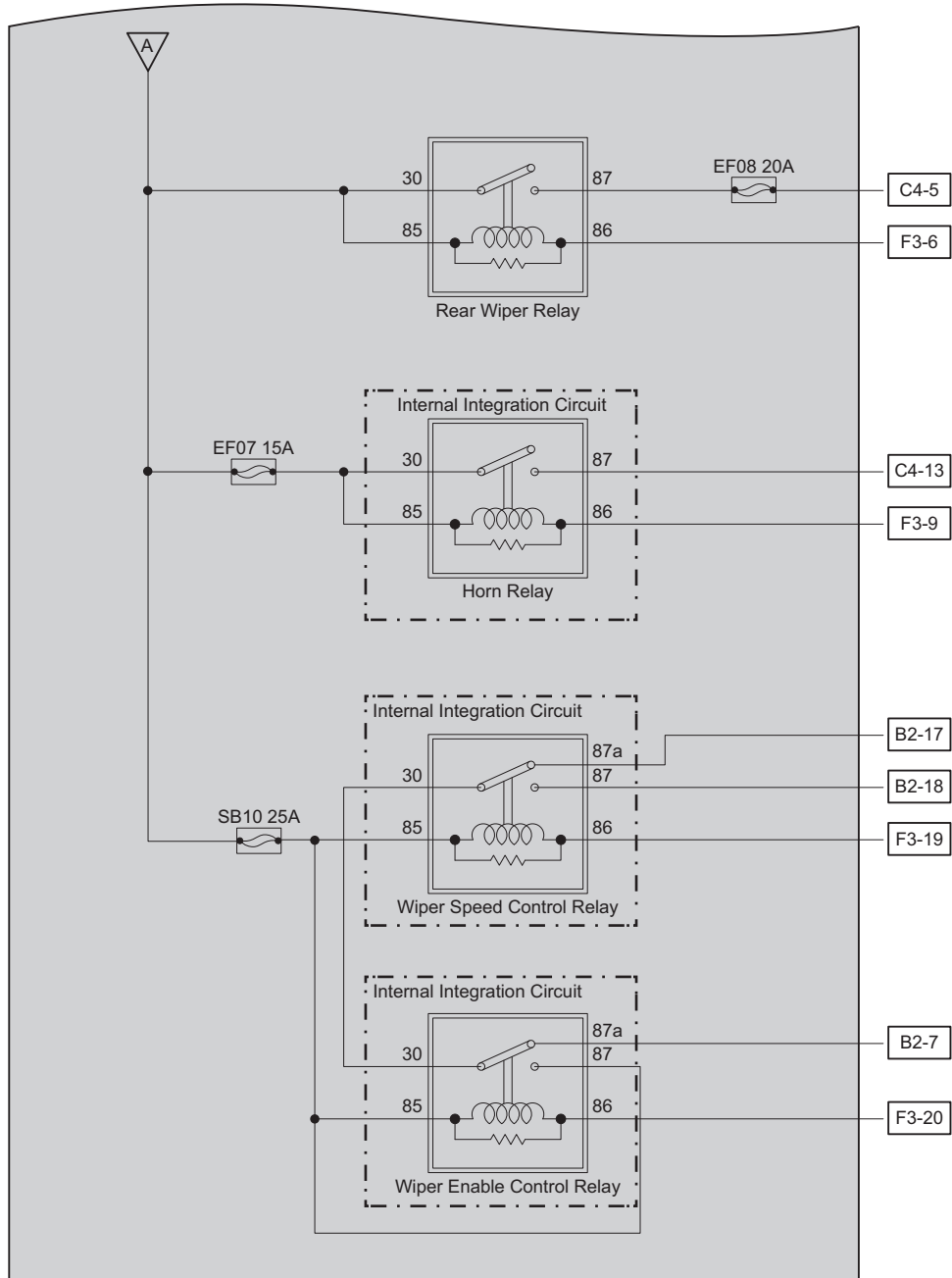
Internal Circuit of 2.0T Engine Compartment Main Fuse Box and Engine Compartment Fuse and Relay Box



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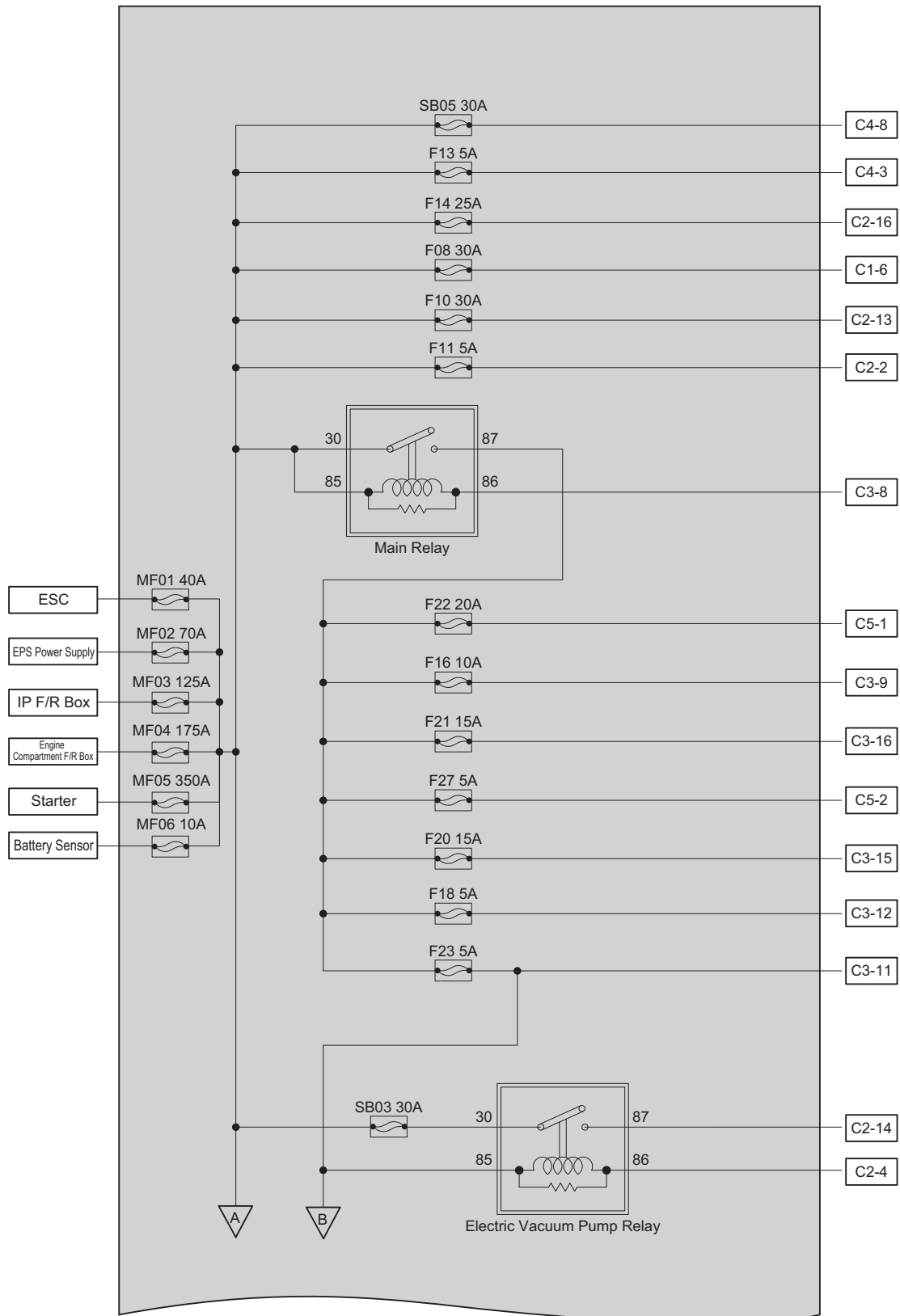
EFR005001



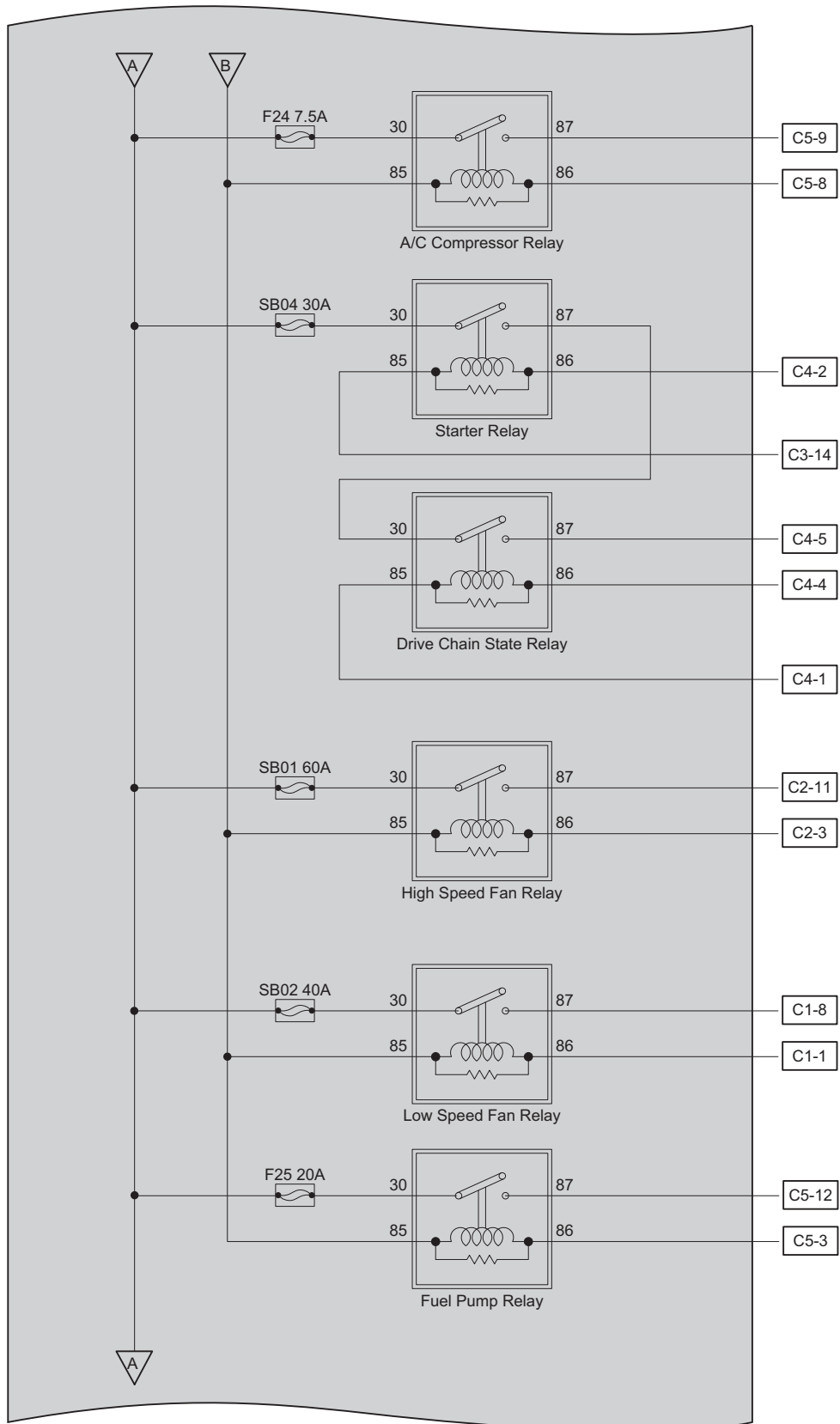
EFR006001

Internal Circuit of 1.6T Engine Compartment Main Fuse Box and Engine Compartment Fuse and Relay Box

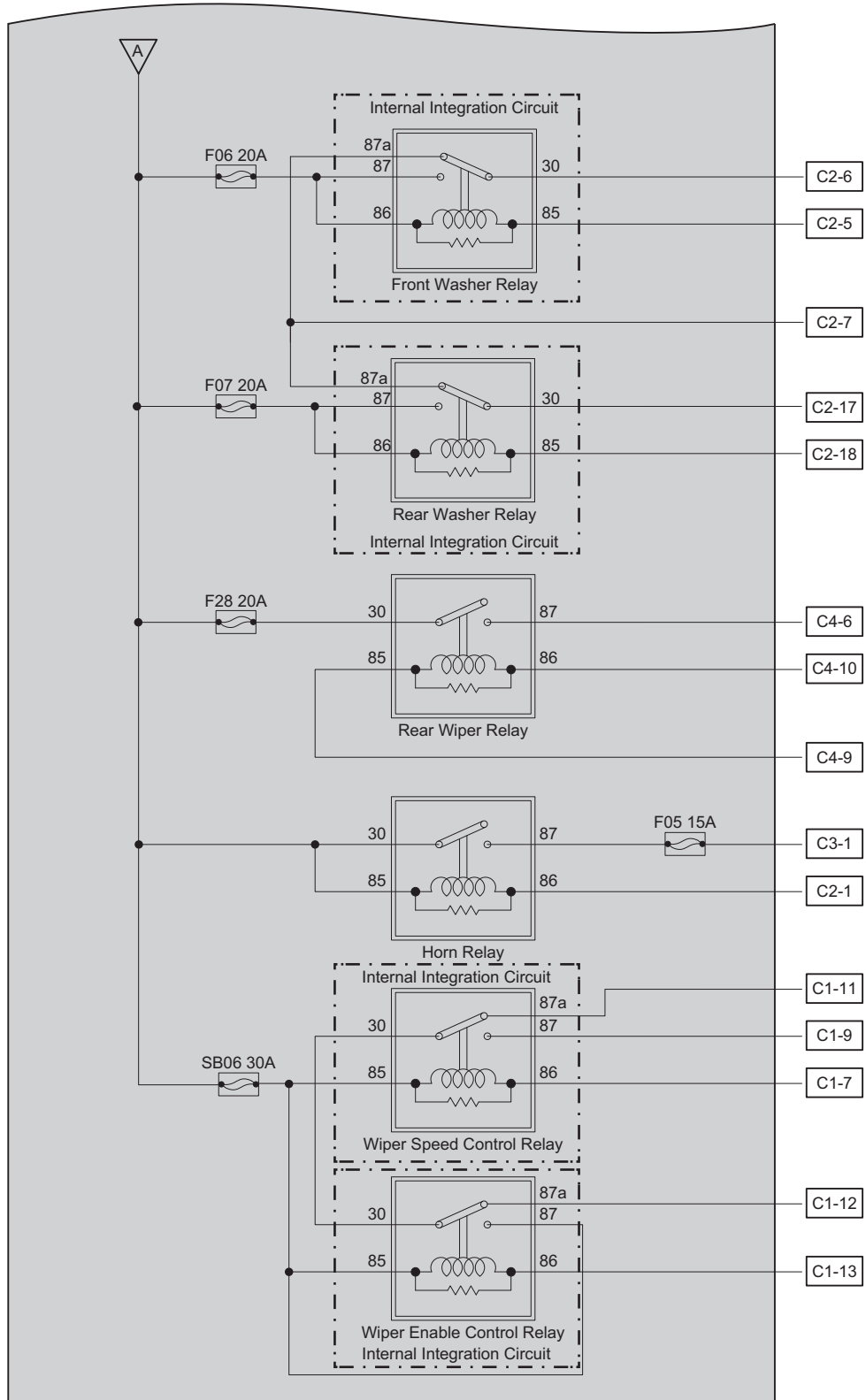
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EFR004002



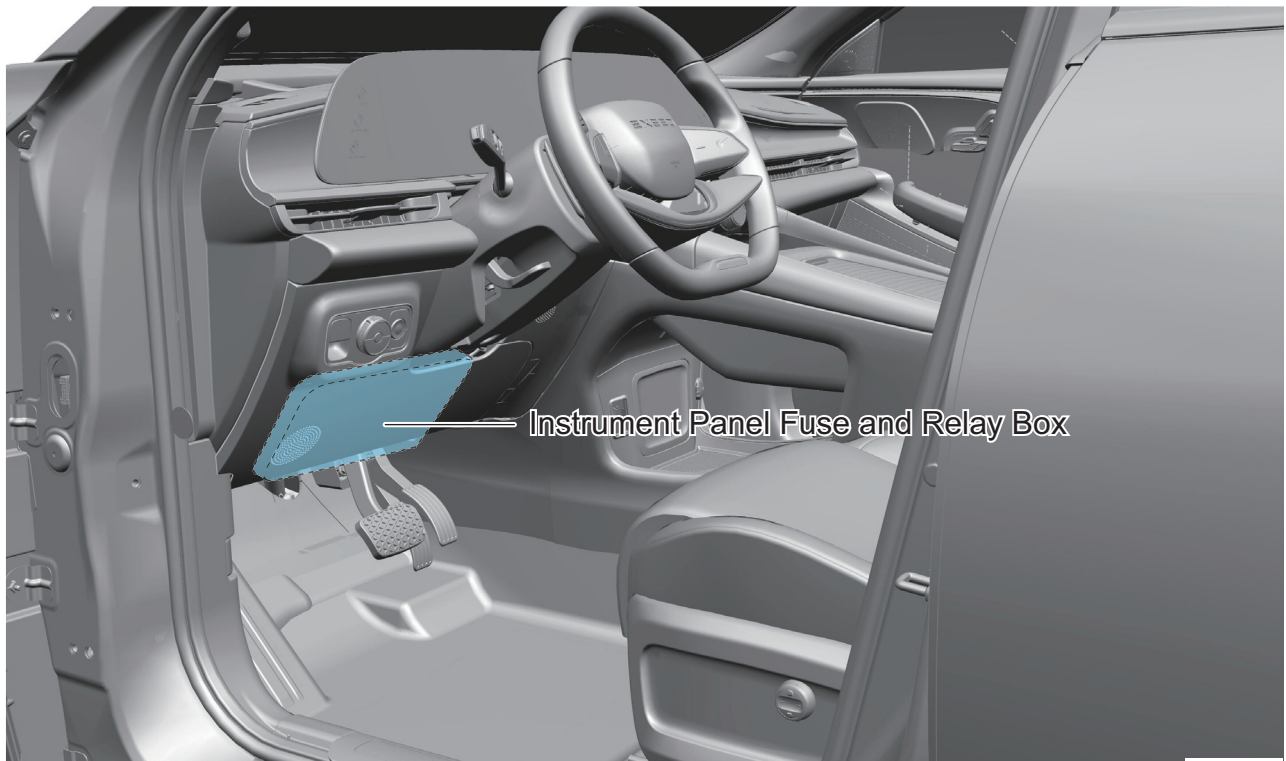
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EFR006002

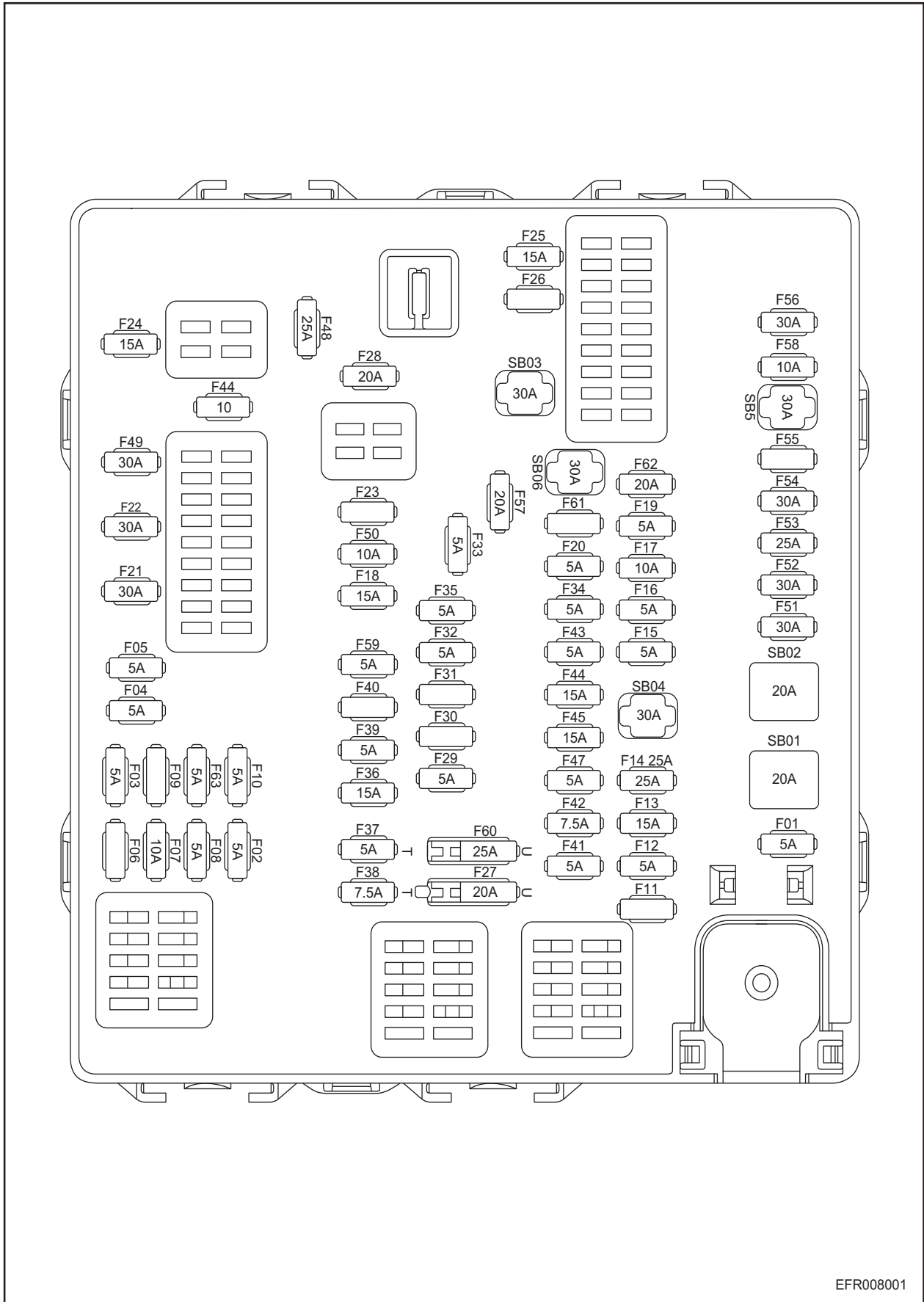
Instrument Panel Fuse and Relay Box

Instrument Panel Fuse and Relay Box Position



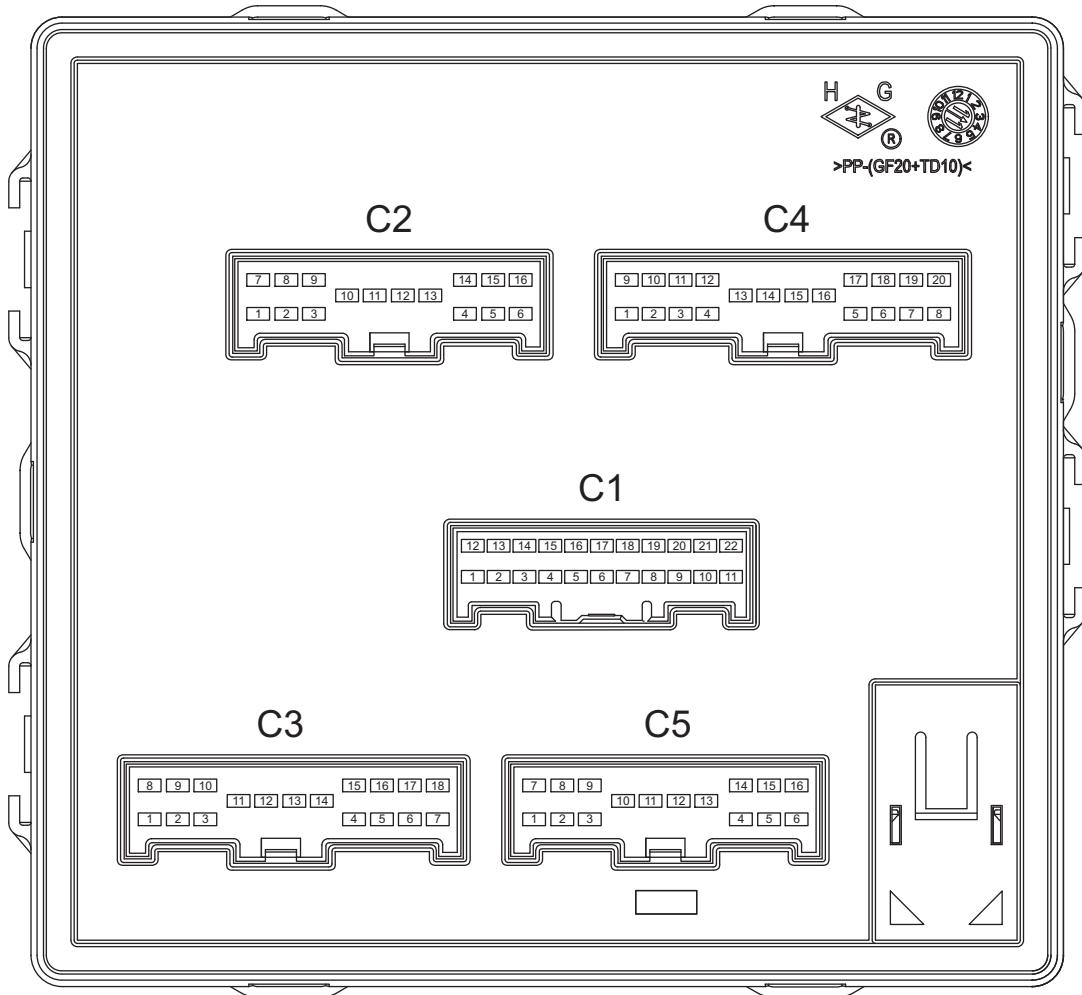
EFR007001

Instrument Panel Fuse and Relay Layout Details



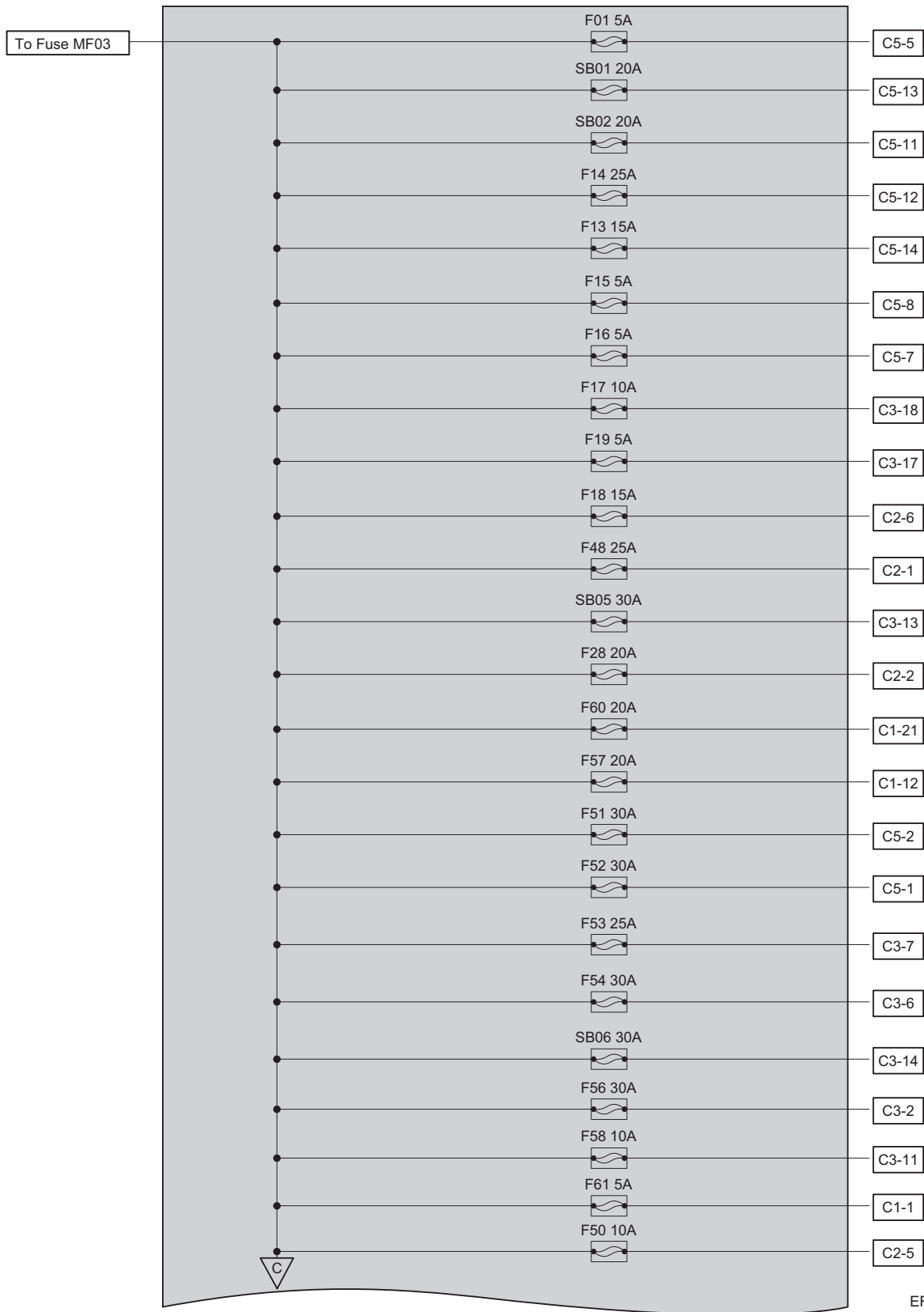
EFR008001

F01	Rear Radar	F36	Rear Seat Heating
F02	Reserved	F37	Brake Switch
F03	ESC	F38	Driver and Front Passenger Seat
F04	TCU, ECU(A)	F39	Remote Communication Gateway, Central Gateway, Ethernet Gateway
F05	4WD Coupler Module	F40	Reserved
F06	Reserved	F41	Mobile Phone Wireless Charging, Audio Head Unit
F07	EPS	F42	Front USB Charging Module, USB Charging + Type-C Interface
F08	Front Camera, Rear A/C Control Panel, Auto A/C Panel, Head Up Display, Combination SW	F43	Sunroof
F09	Reserved	F44	Rear View Mirror
F10	Airbag	F45	12 V Backup Power Supply
F11	Reserved	F46	12 V Power Supply
F12	Reserved	F47	BDM
F13	Diagnostic Interface	F48	BDM
F14	Sunroof	F49	Rear Defroster Relay
F15	Brake Switch	F50	Back Door Controller
F16	Combination SW, Spiral Cable, Head Up Display, IP Display	F51	BDM
F17	A/C Control Panel, Rain Sensor, 2nd Row A/C Panel, Fragrance Generator	F52	BDM
F18	Mobile Phone Wireless Charging	F53	BDM
F19	Central Gateway, Ethernet Gateway, Audio Display	F54	BDM
F20	Reserved	F55	Reserved
F21	Front Windshield Heating Relay 1	F56	BDM
F22	Front Windshield Heating Relay 2	F57	BDM
F23	Reserved	F58	Rear Door Handle, Remote Communication Gateway, Rear Radar Module, Drive Recorder, OBD
F24	Steering Wheel Heating Relay	F59	Driver and Front Passenger Seat
F25	Reserved	F60	BDM
F26	Reserved	F61	Side Step Motor
F27	BDM	F62	Reserved
F28	4WD Coupler Module	F63	BDM
F29	Front Radar Sensor	SB01	Amplifier
F30	Reserved	SB02	Panoramic Controller
F31	Reserved	SB03	Blower Relay
F32	Drive Recorder, IP Display, Audio Display, Negative Ion Generator, A/C Controller, Audio Head Unit	SB04	Back Door Controller
F33	Front Door Ambient Light, IP Ambient Light, Central Control Ambient Light, Power Window Regulator Switch FL, Left Outside Rear View Mirror Switch	SB05	Front Passenger Seat Adjustment Switch
F34	Inside Rear View Mirror	SB06	Seat Control Module
F35	Panoramic Controller, Radar Module		

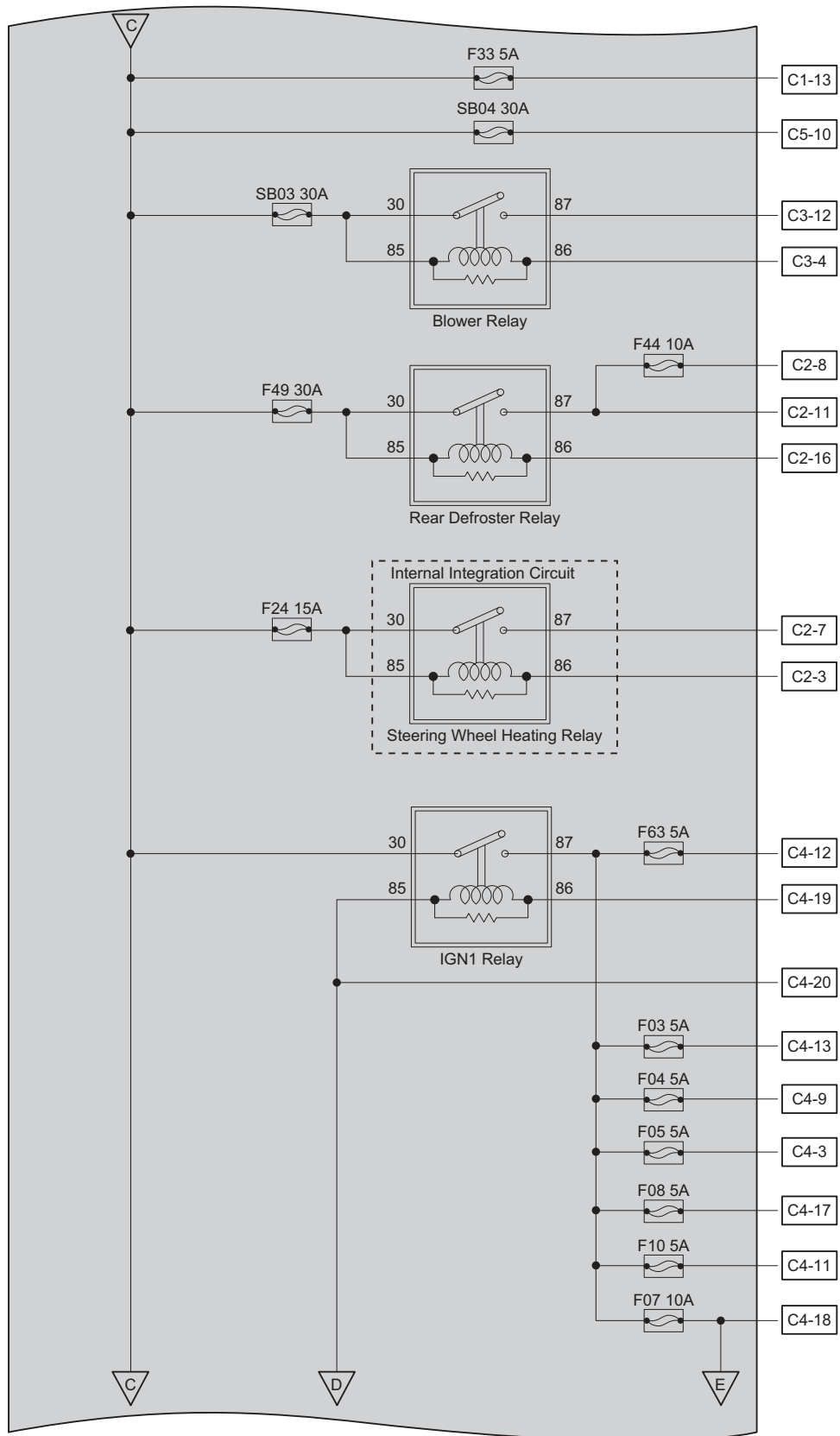


EFR013001

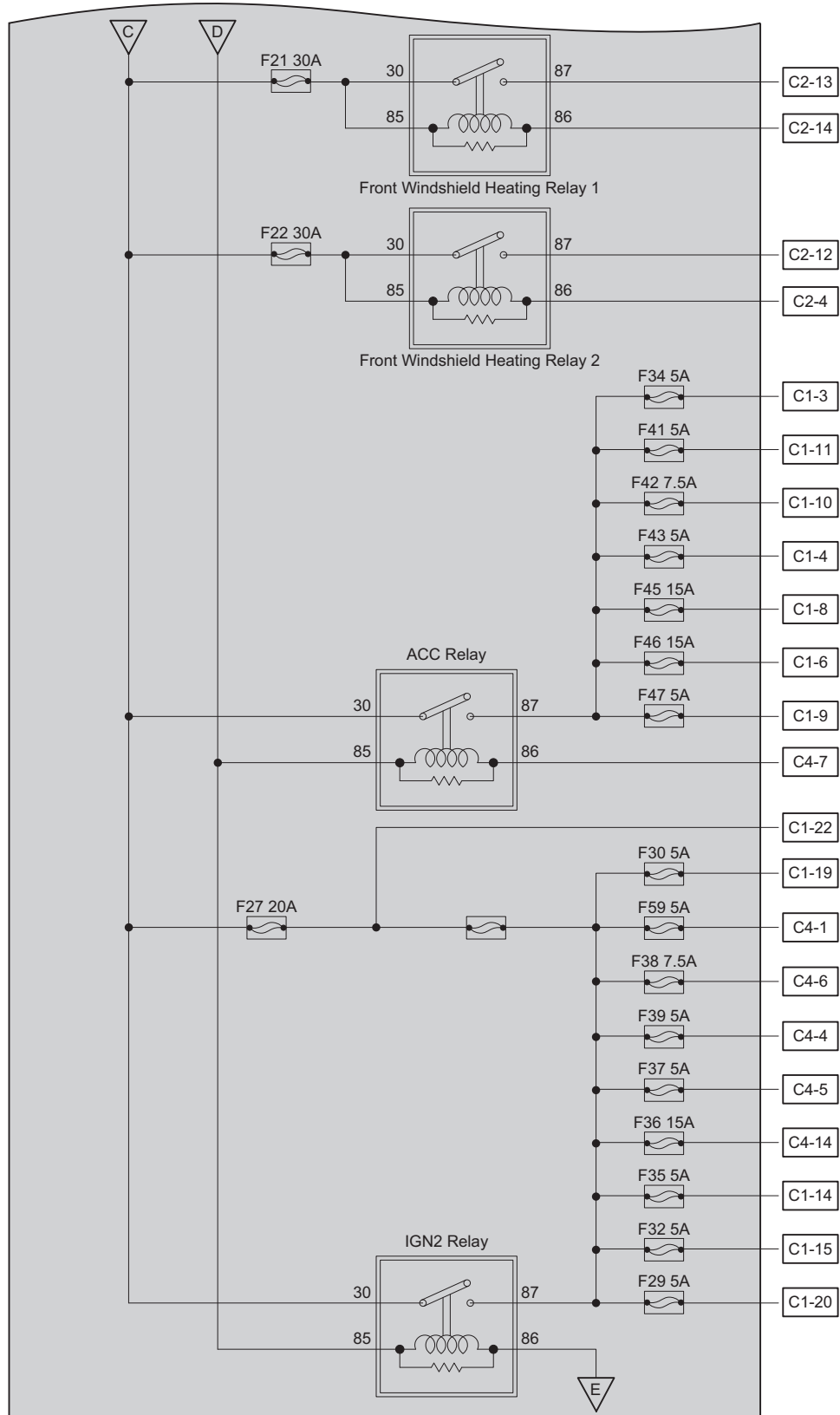
Instrument Panel Fuse and Relay Box Internal Circuit



EFR009001



EFR010001



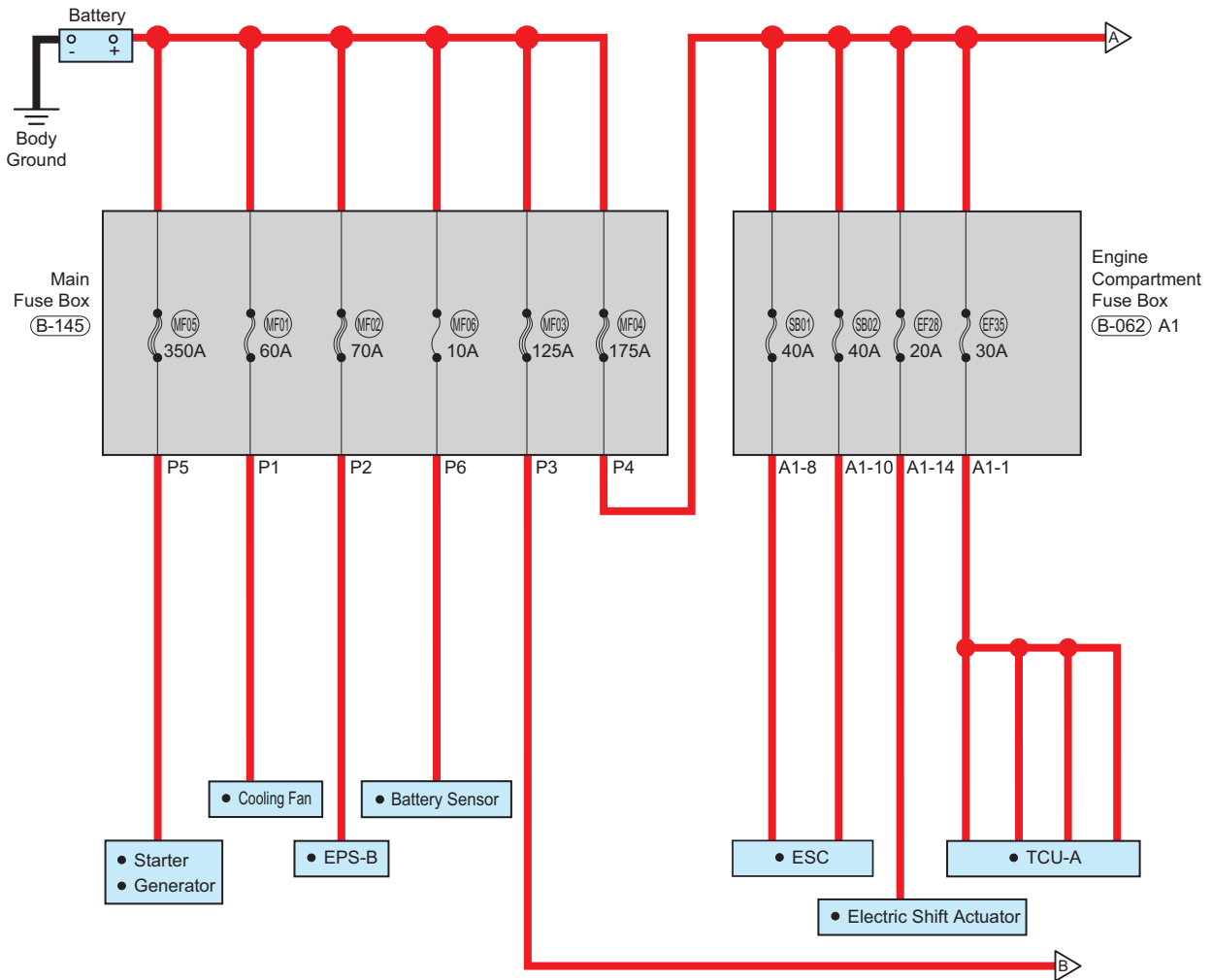
EFR011001

Power Supply Distribution Center

General Information

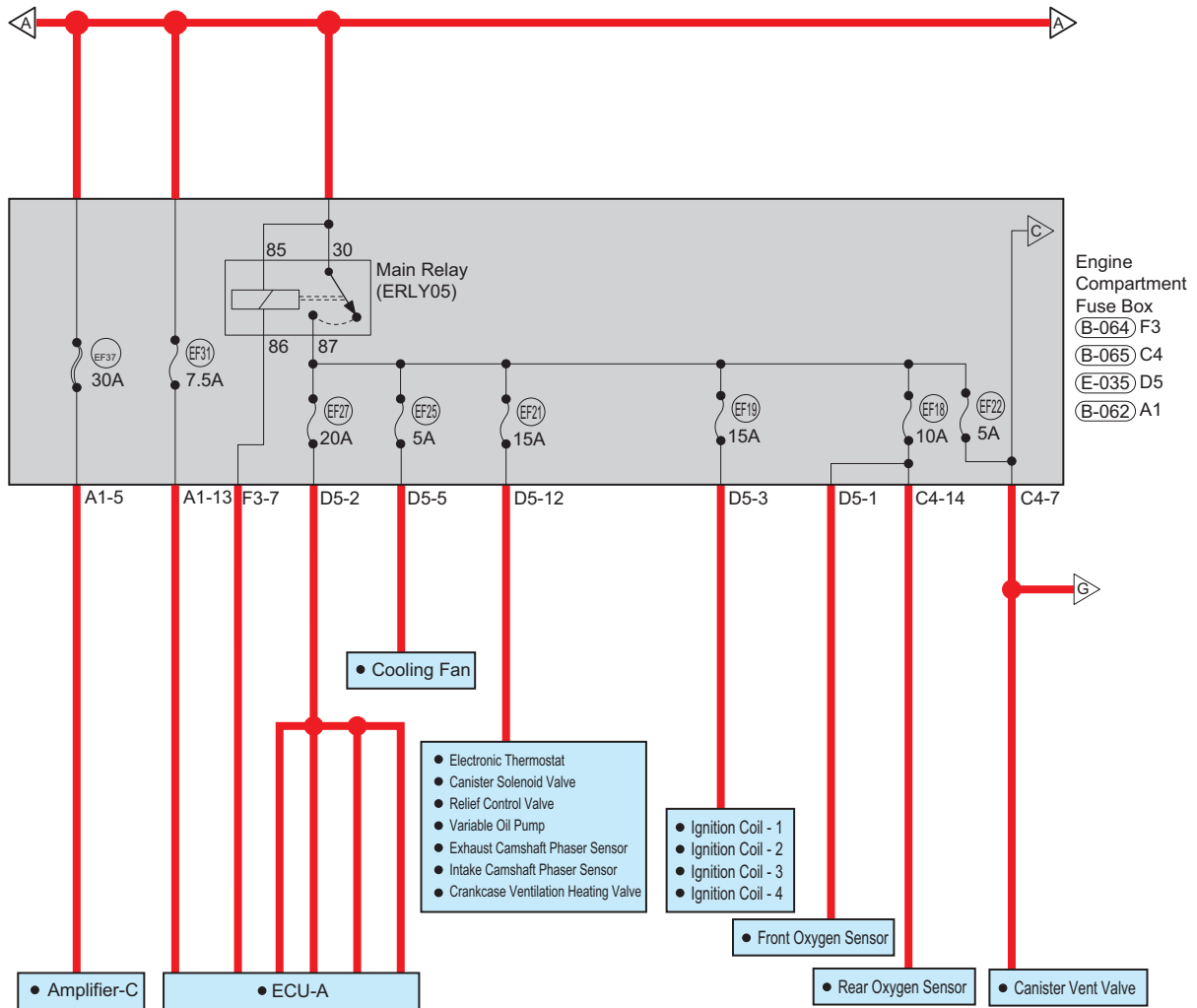
This section provides safe, reliable and efficient power supply for all electrical equipment of vehicle. Power distribution includes the following parts: battery, engine compartment fuse and relay box, instrument panel fuse and relay box, ignition switch, fuse and relay.

Power Supply Distribution



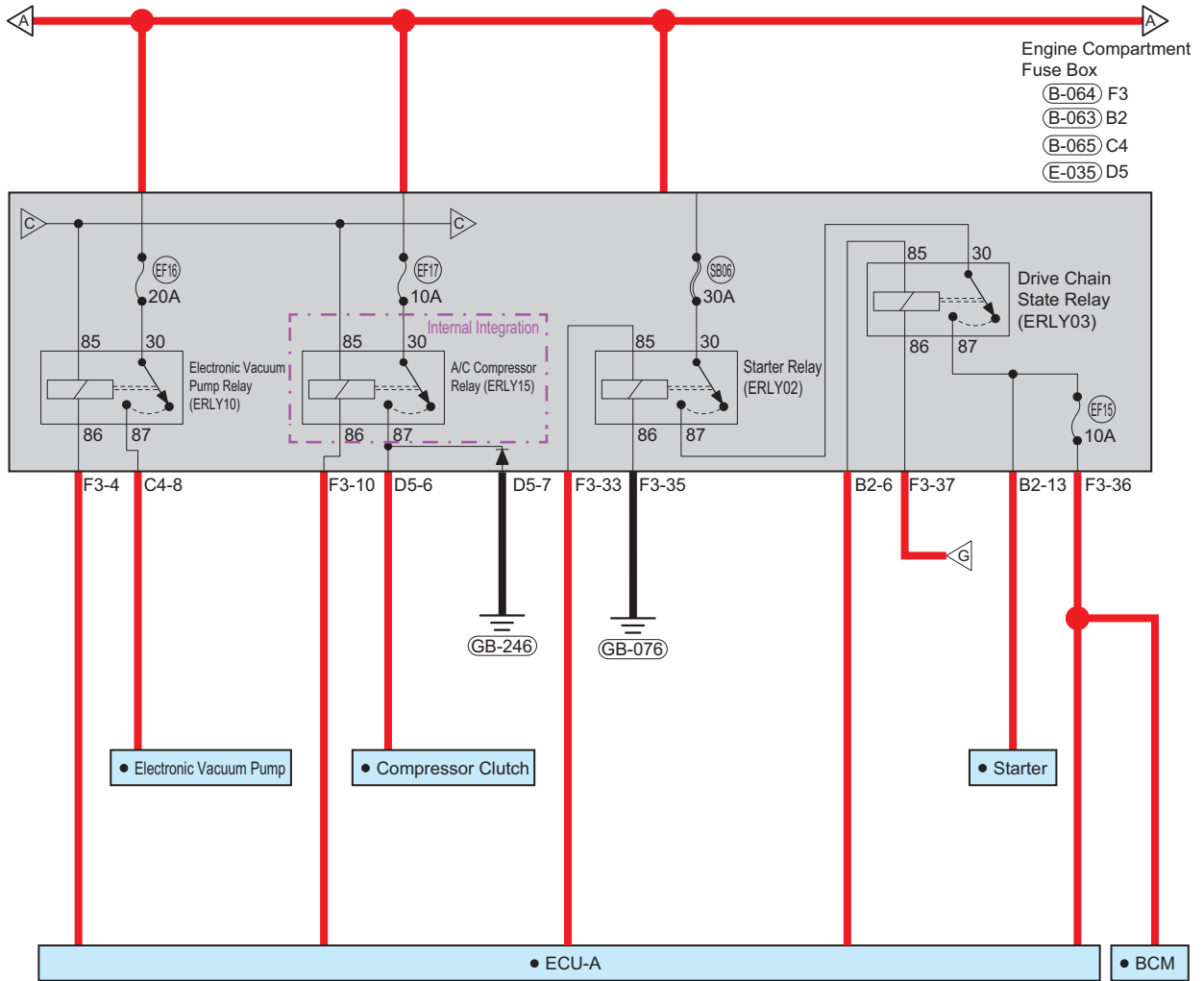
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POE001001



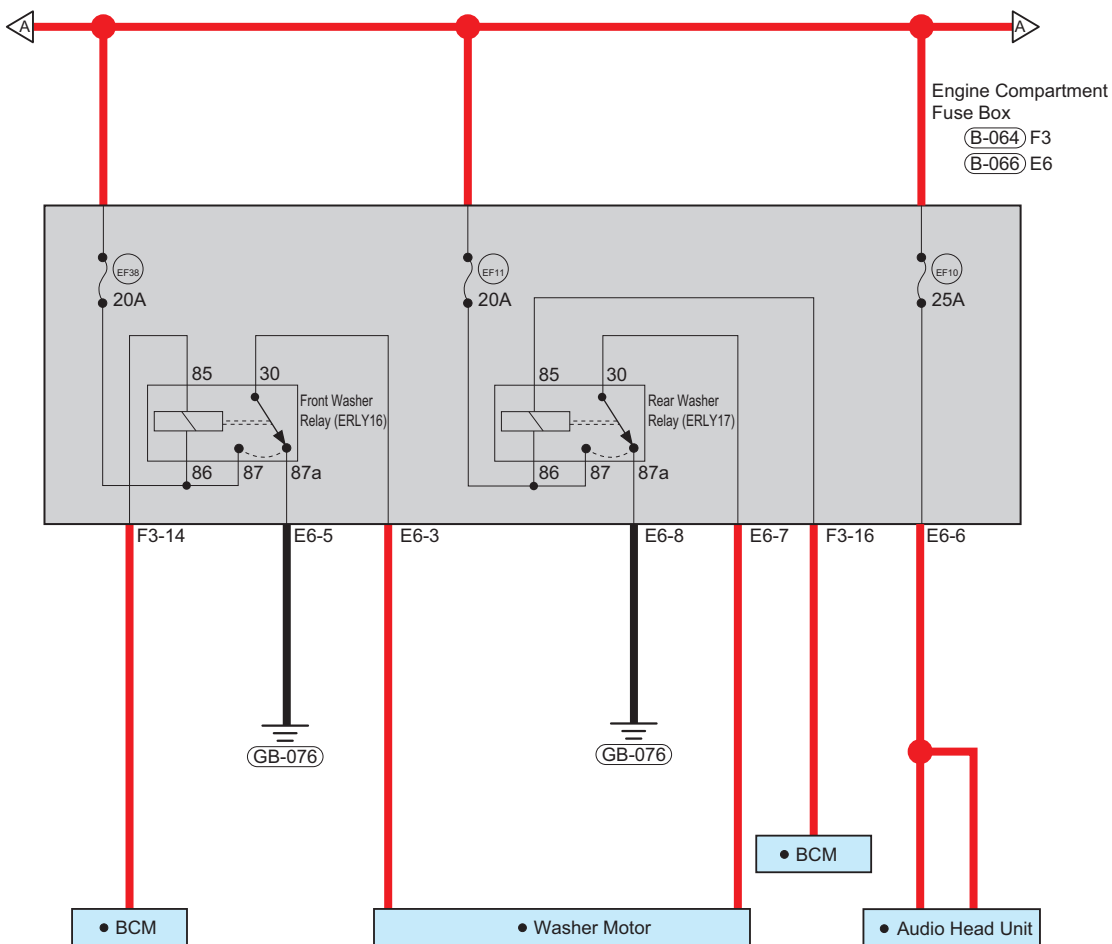
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POE002001



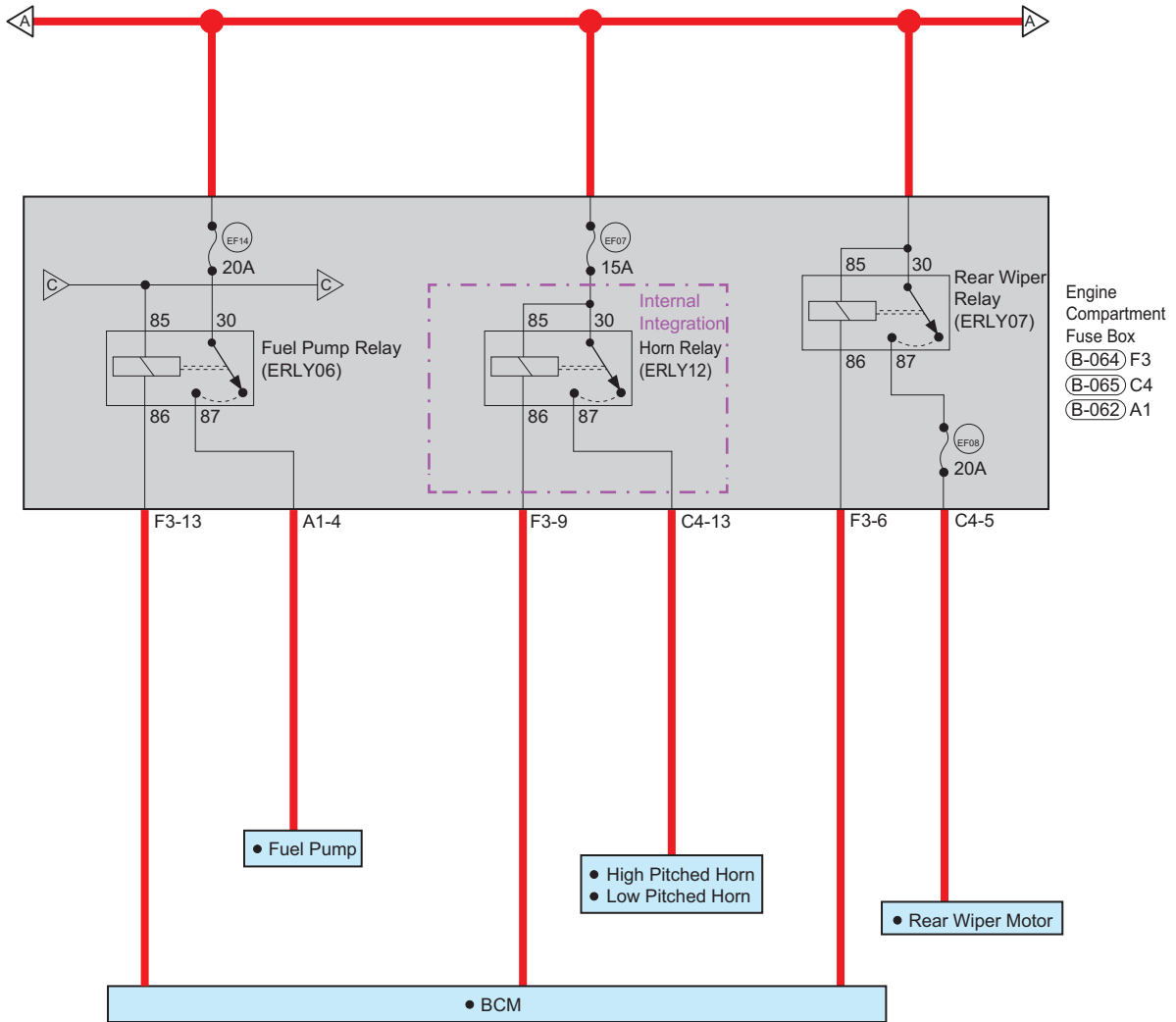
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POE003001



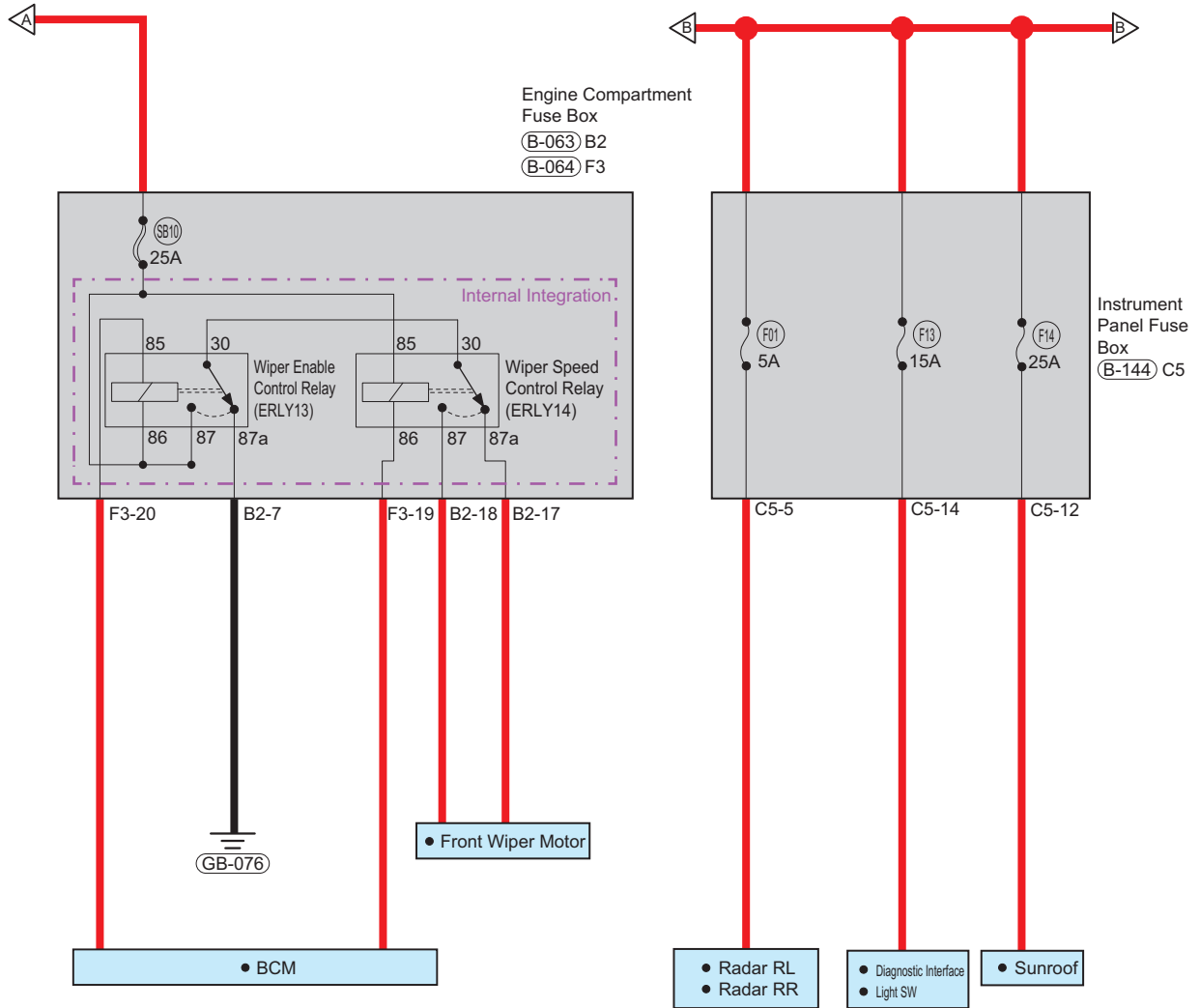
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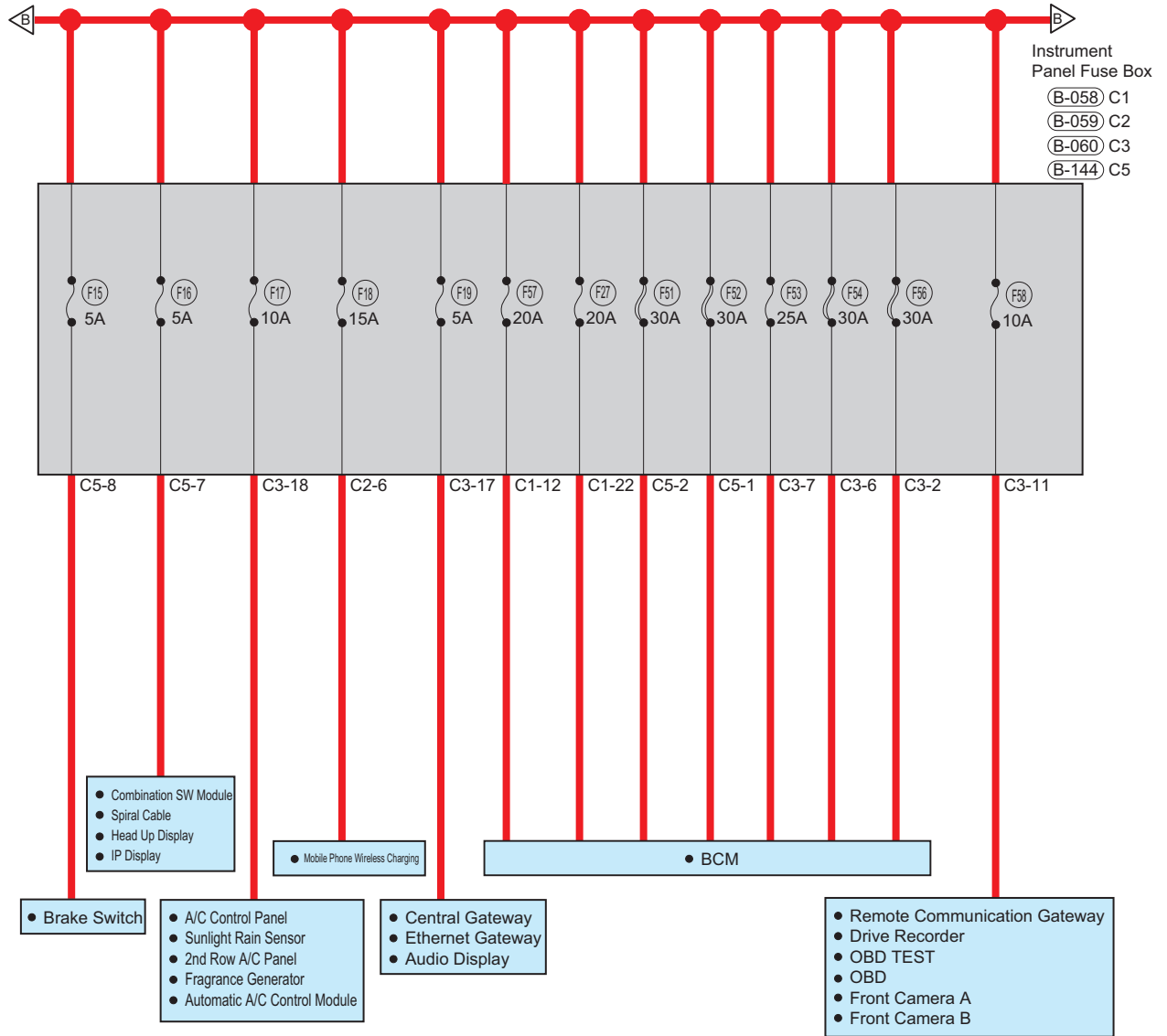
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POE005001



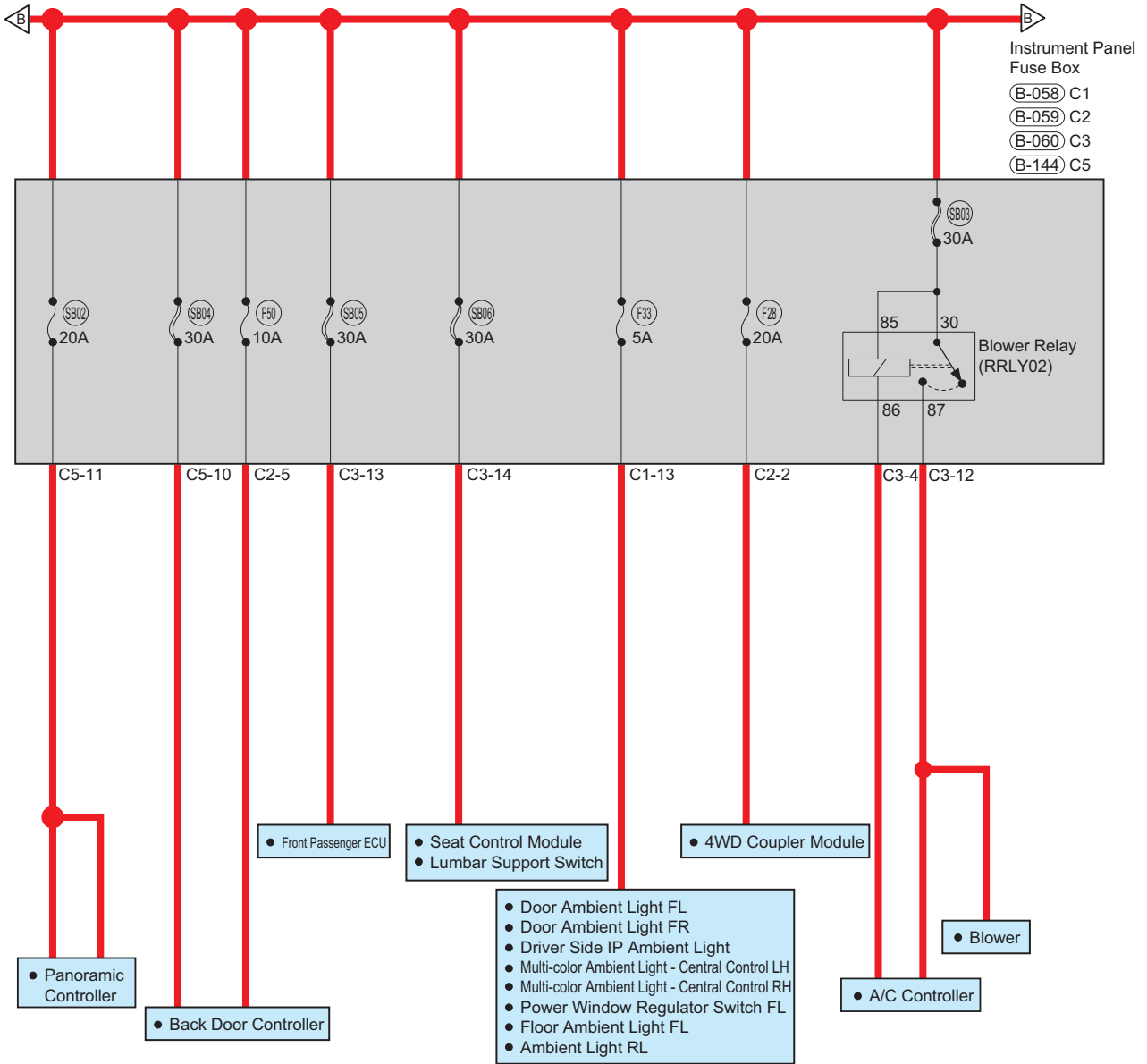
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POE006001



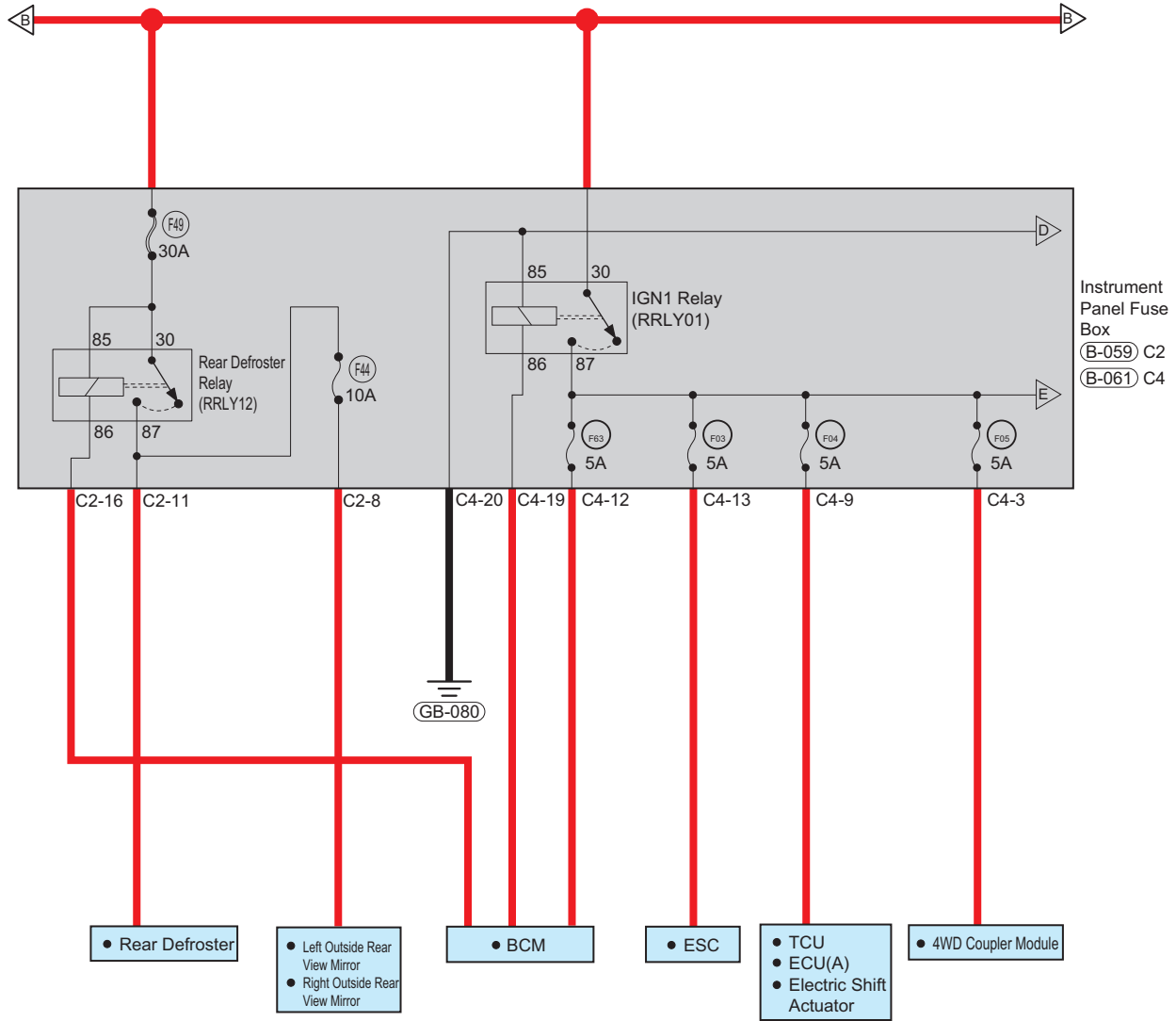
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POE007001



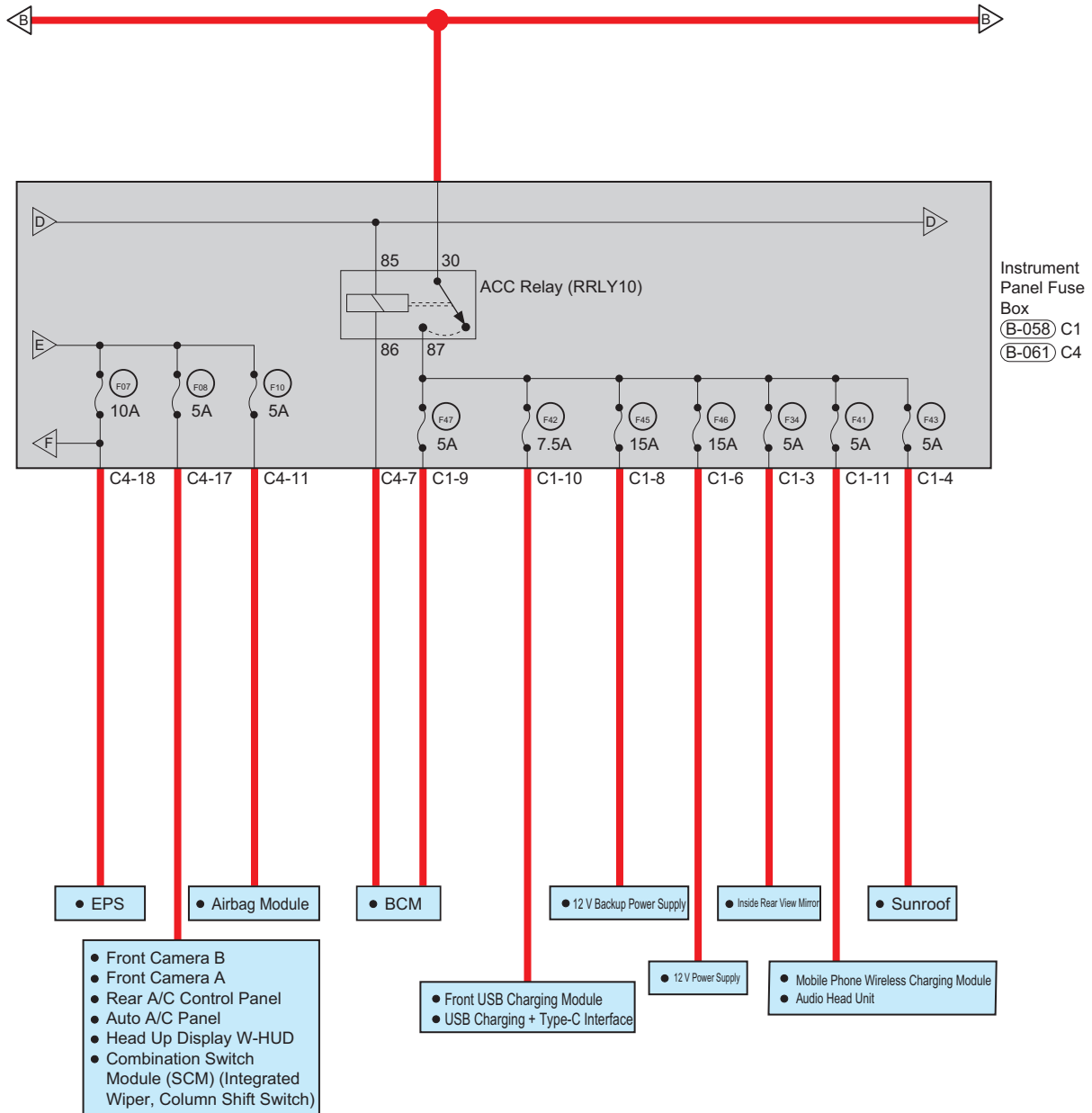
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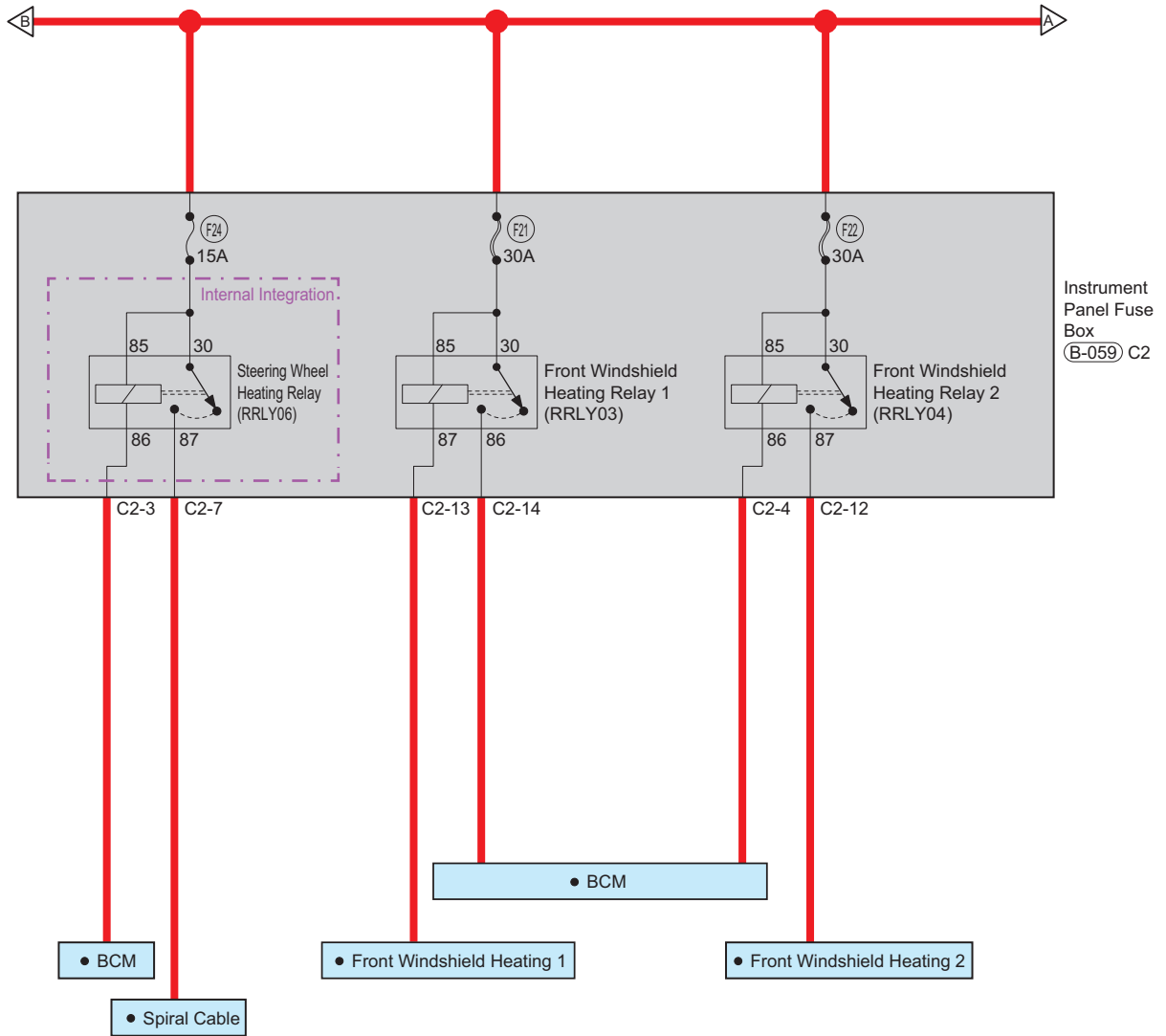
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POE009001



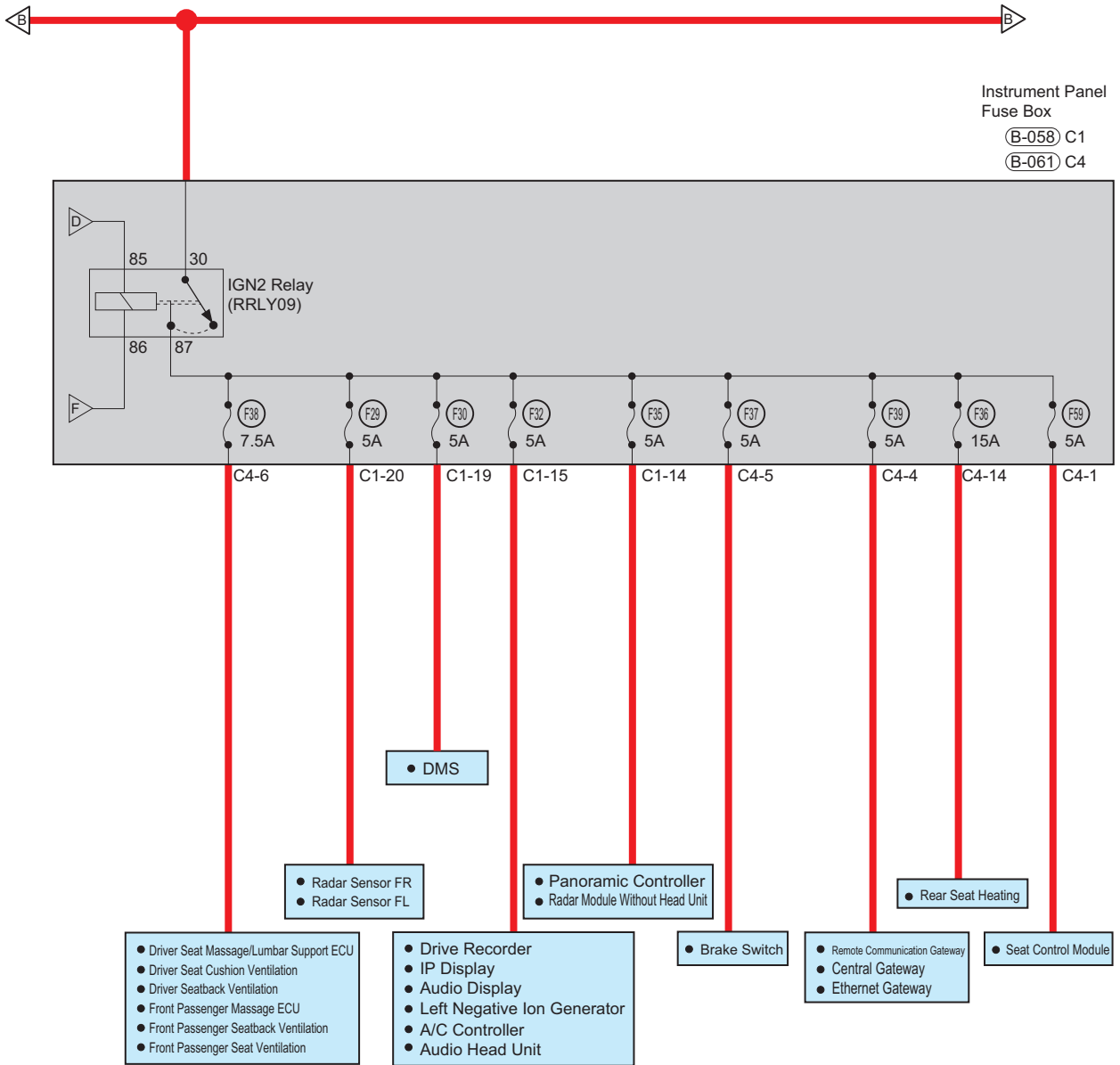
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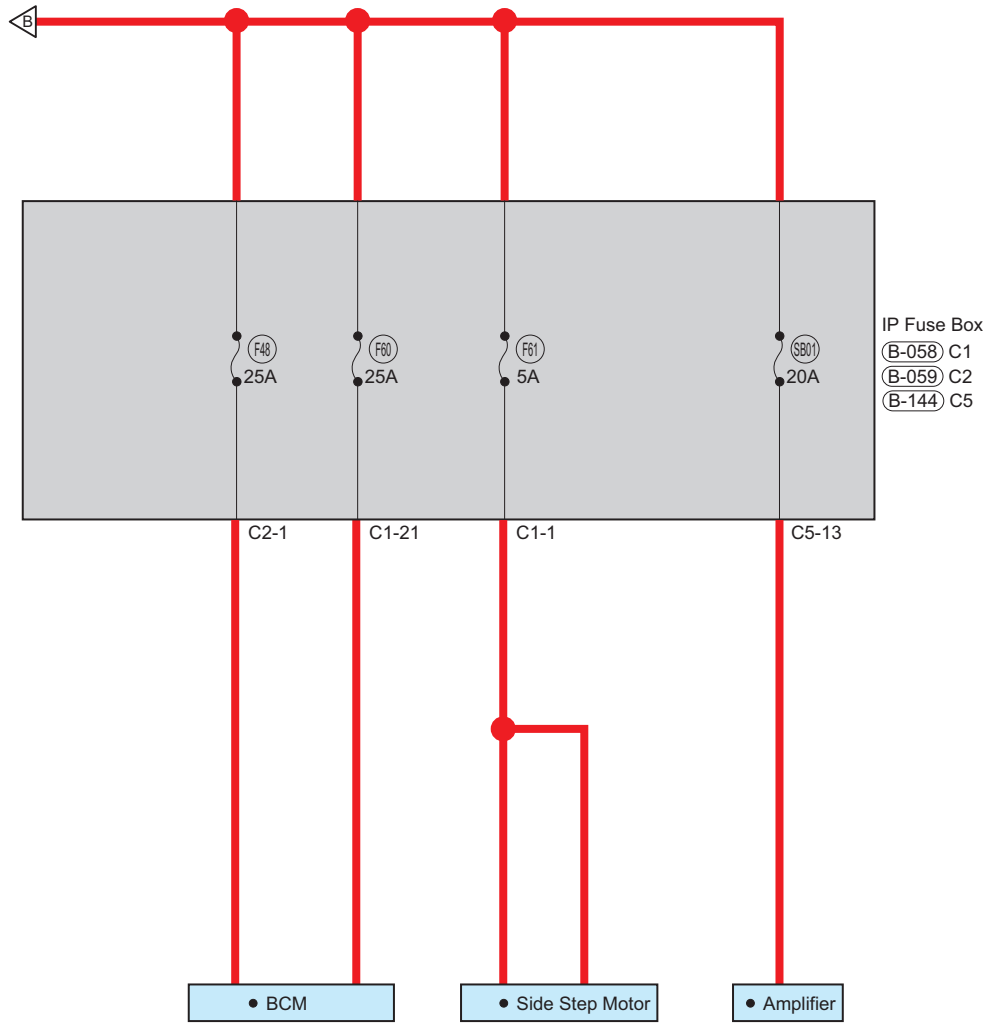
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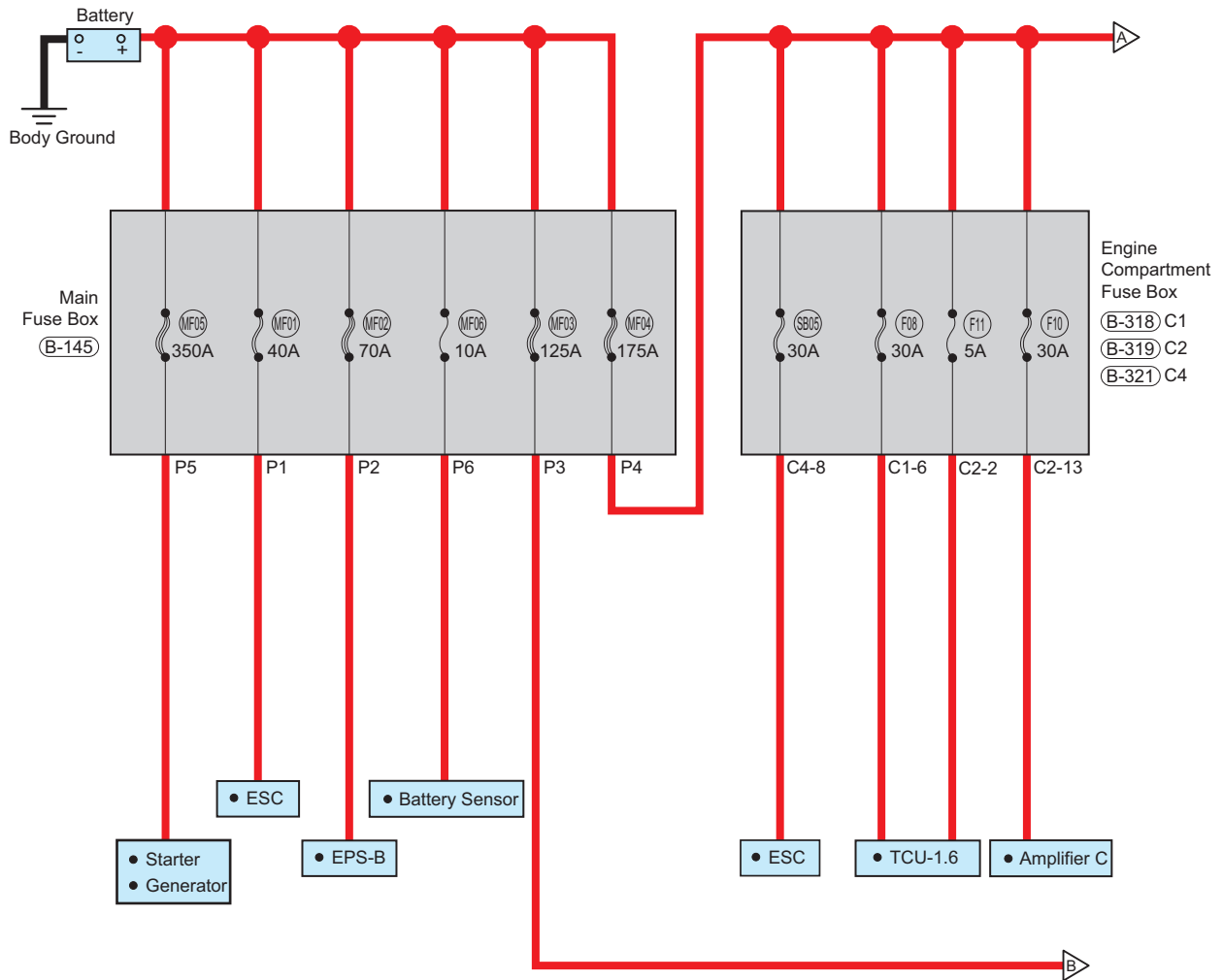
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POE011001



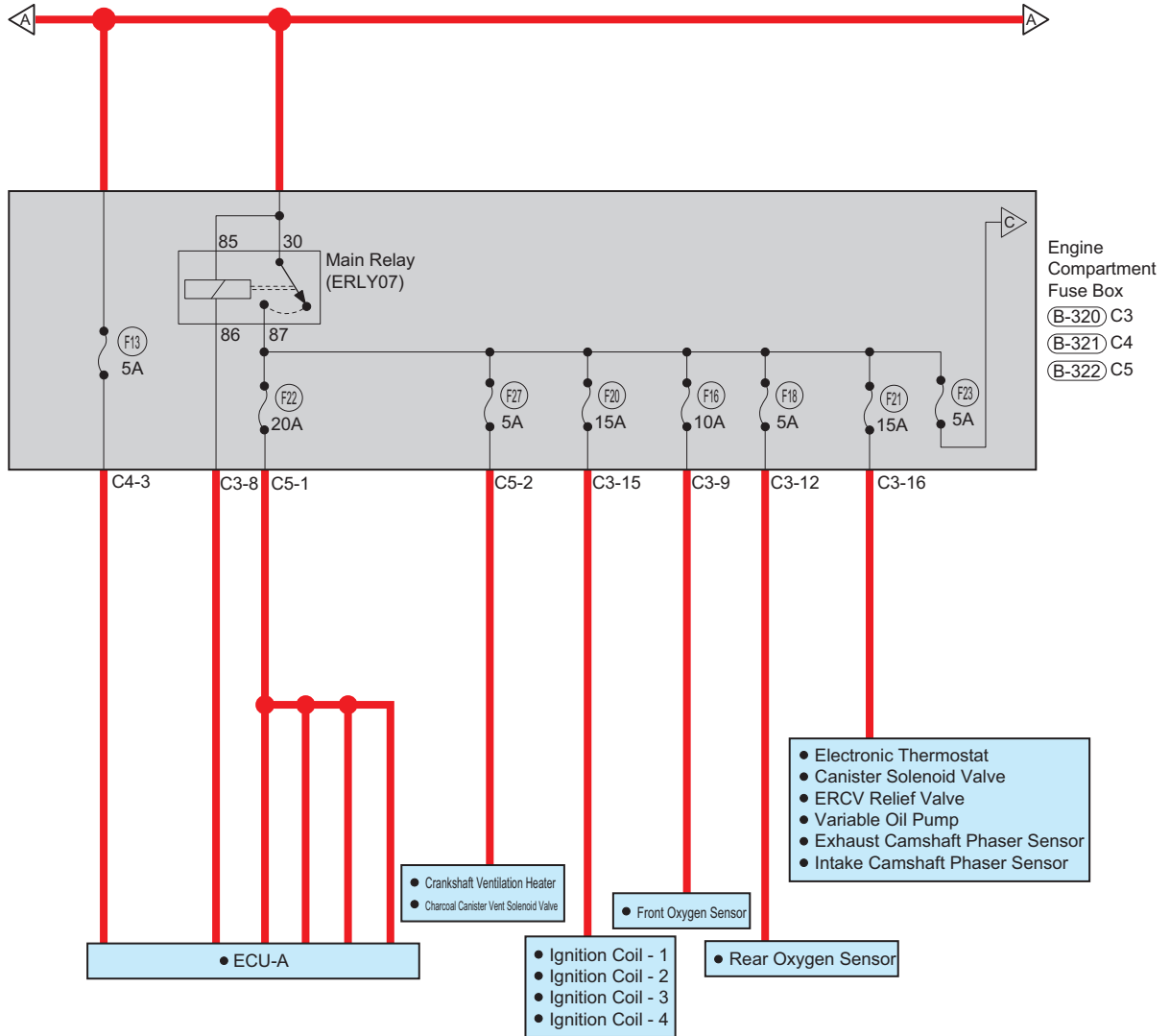
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1.6T Engine Compartment Power Supply Distribution



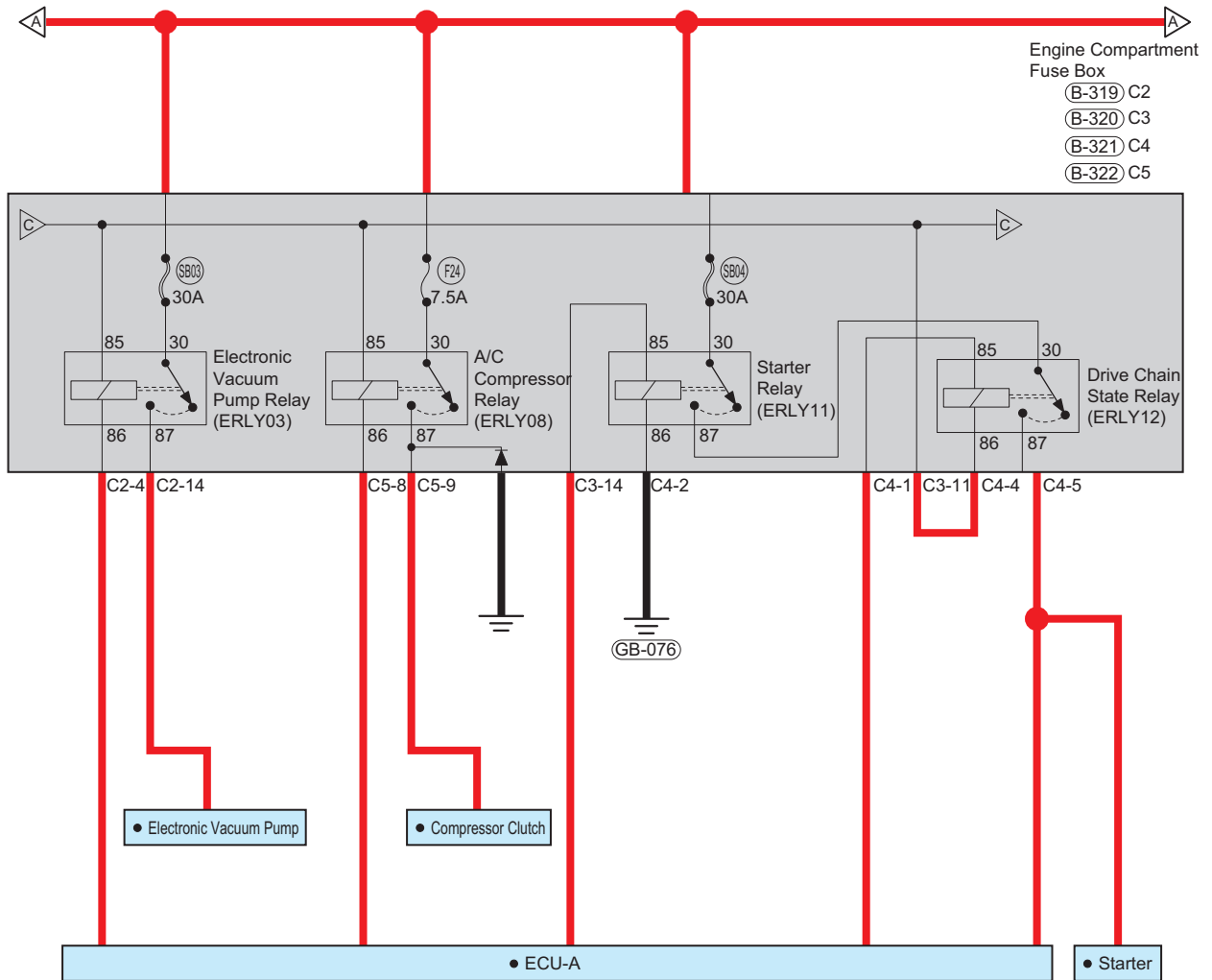
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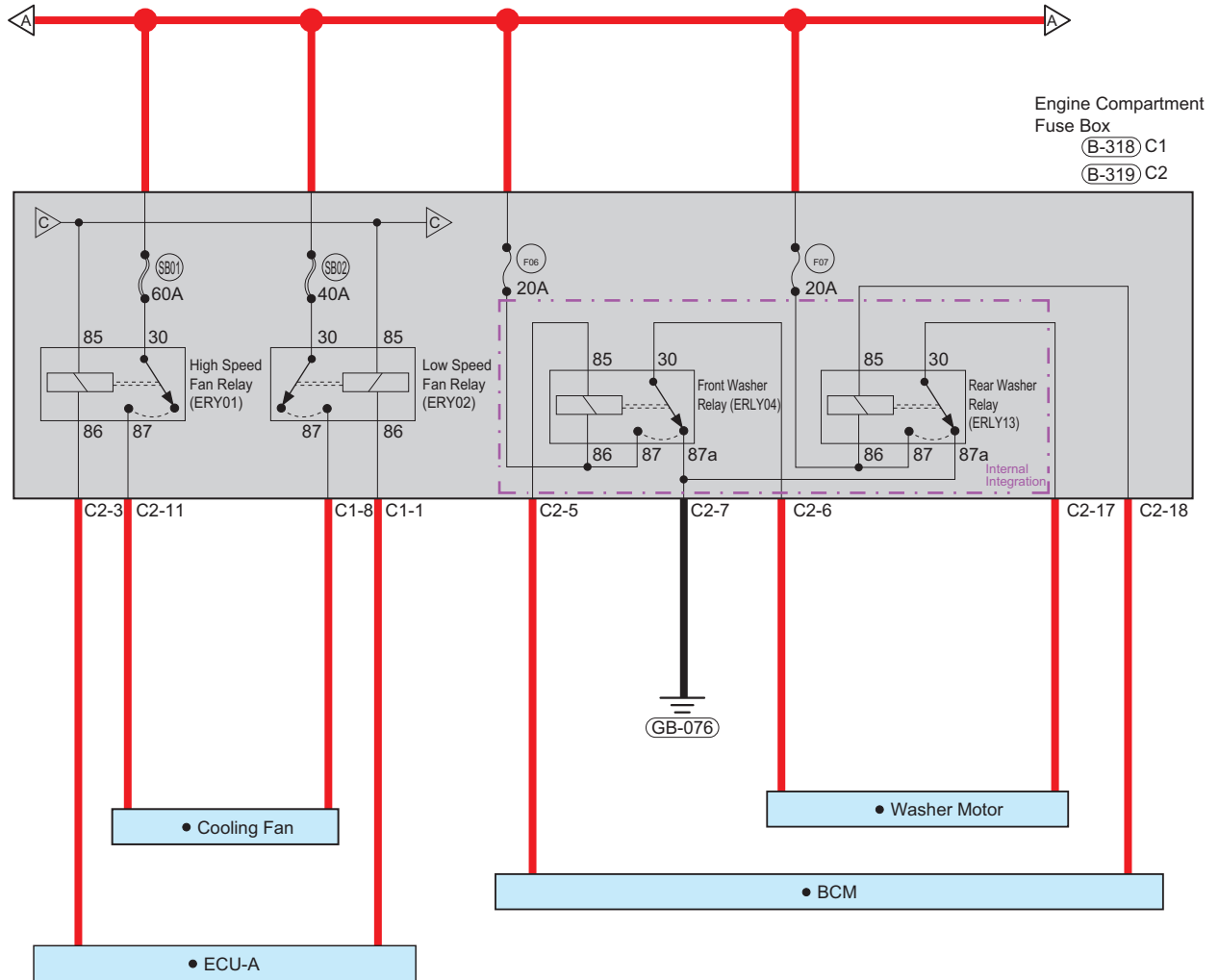
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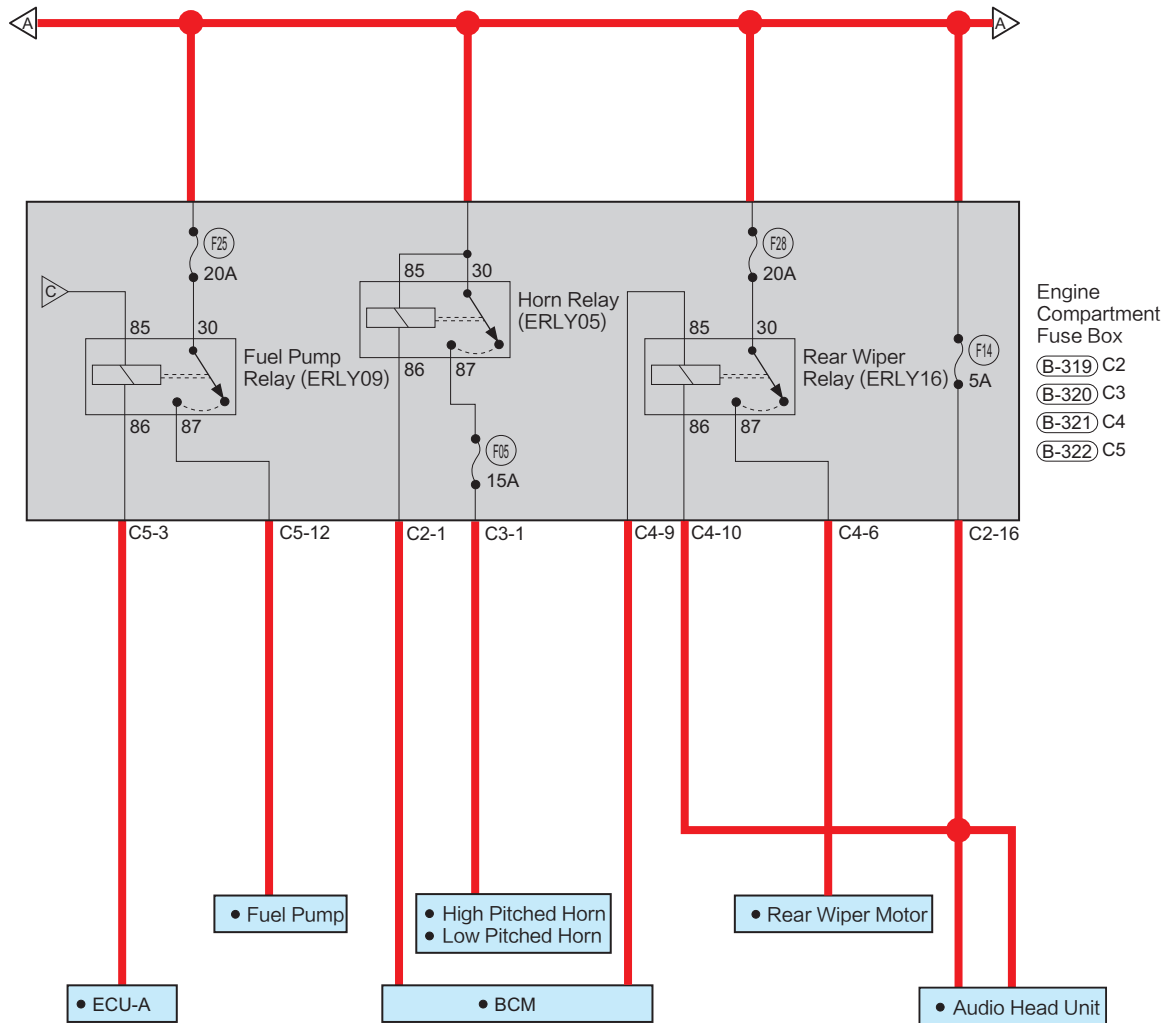
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POE003002



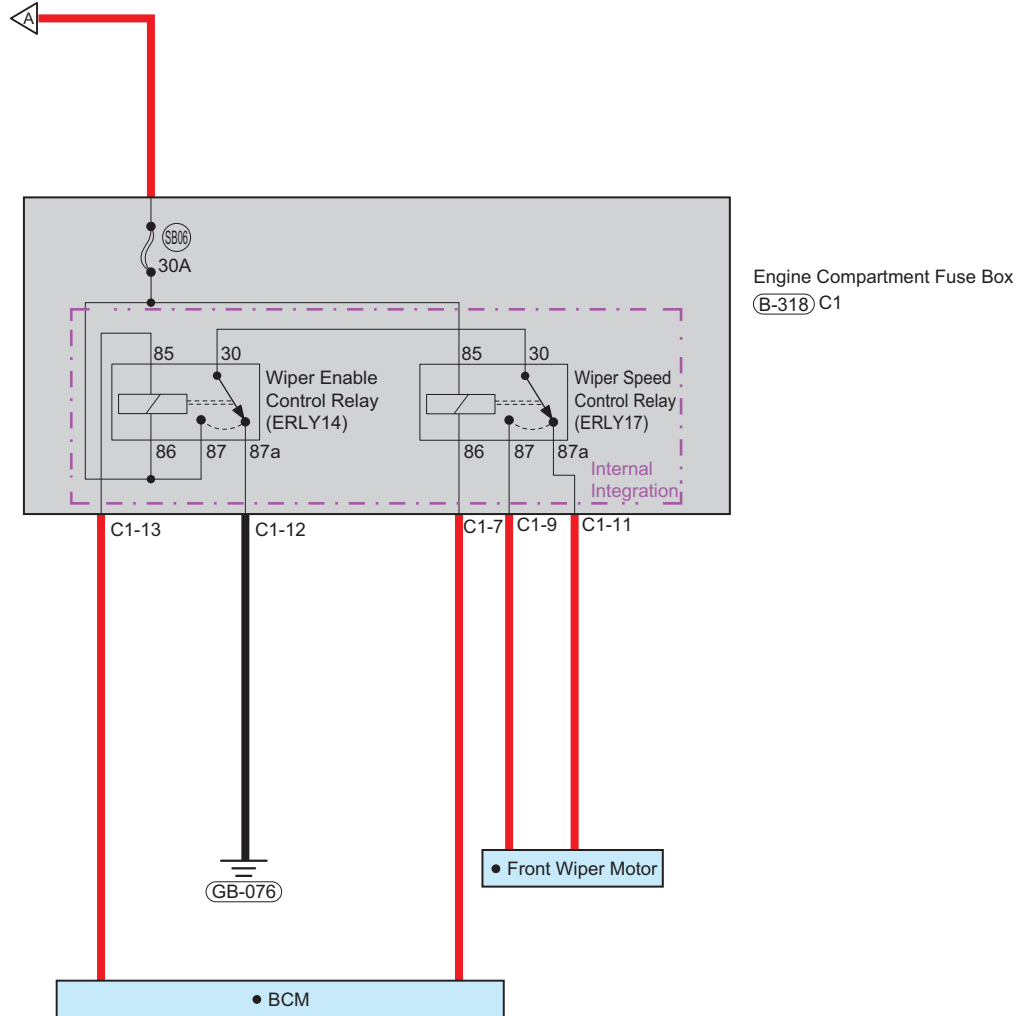
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POE004002



07

POE005002



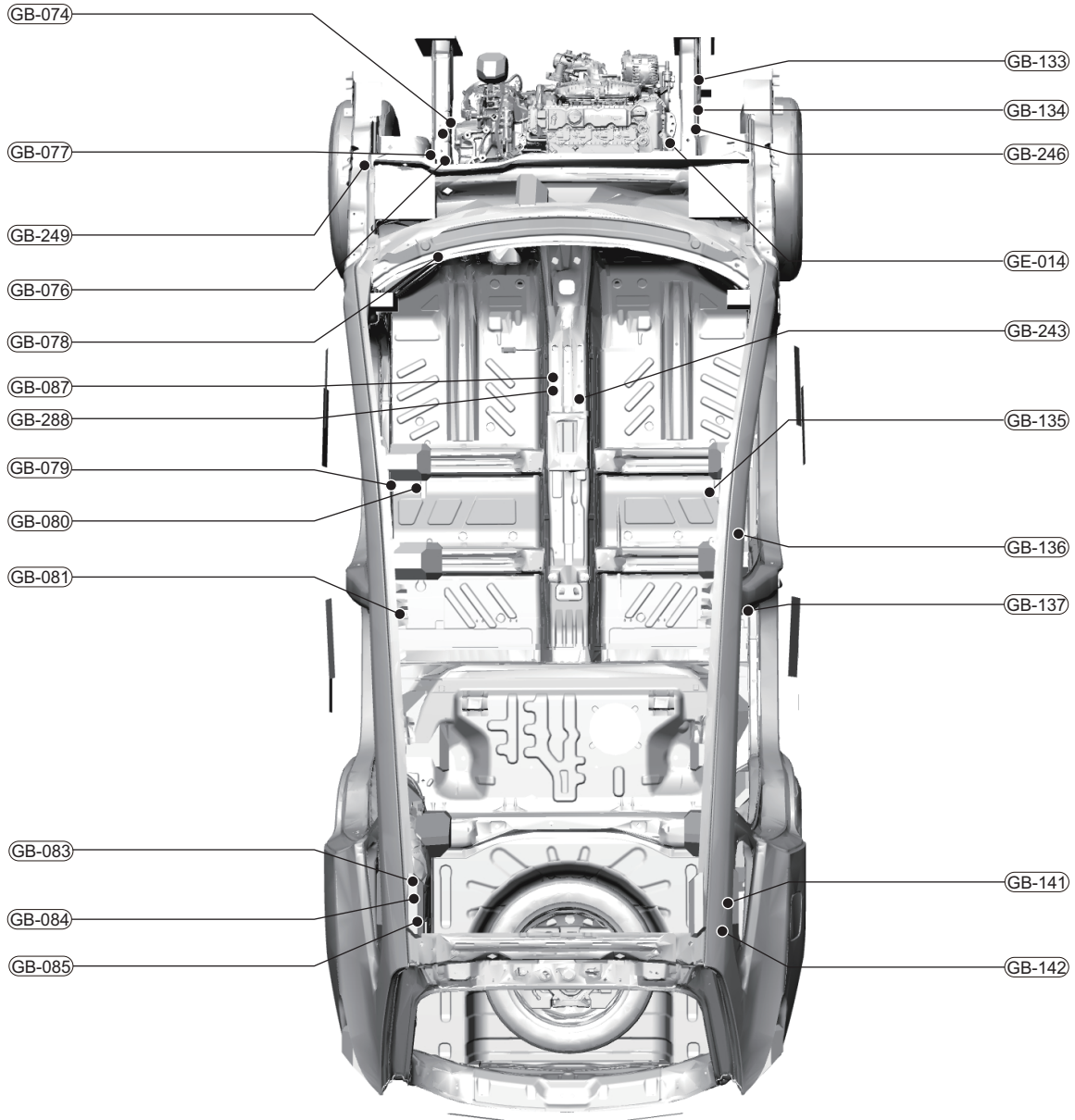
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POE006002

Ground Point

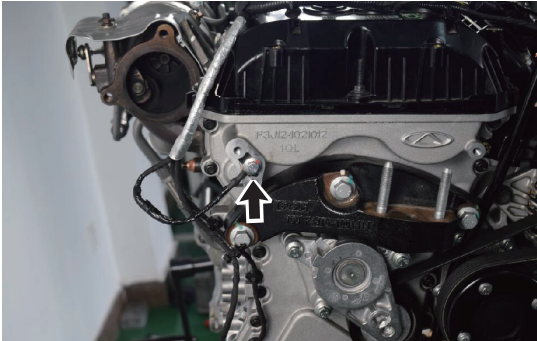
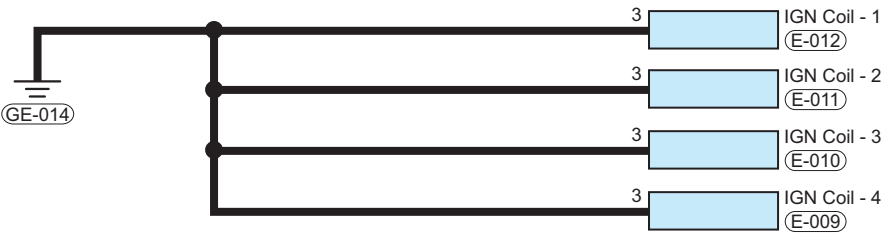
General Information

This section provides ground point positions and circuit information about whole vehicle electrical equipment. Using grounding points, technicians can quickly find relevant electrical equipment, and solve problems accurately and efficiently.

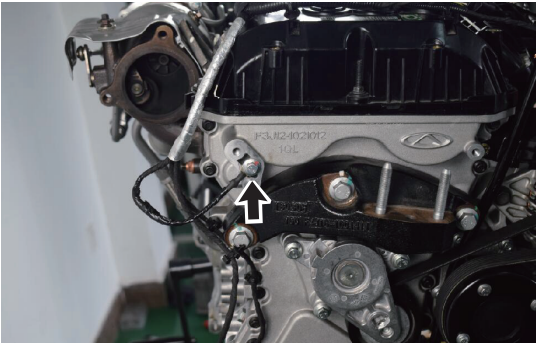



Engine Wire Harness Ground Point Distribution

Engine wire harness has one ground point: GE-014

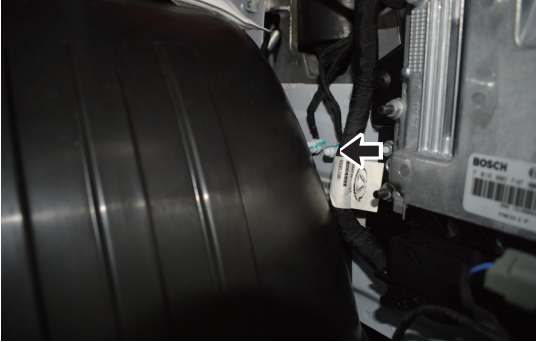
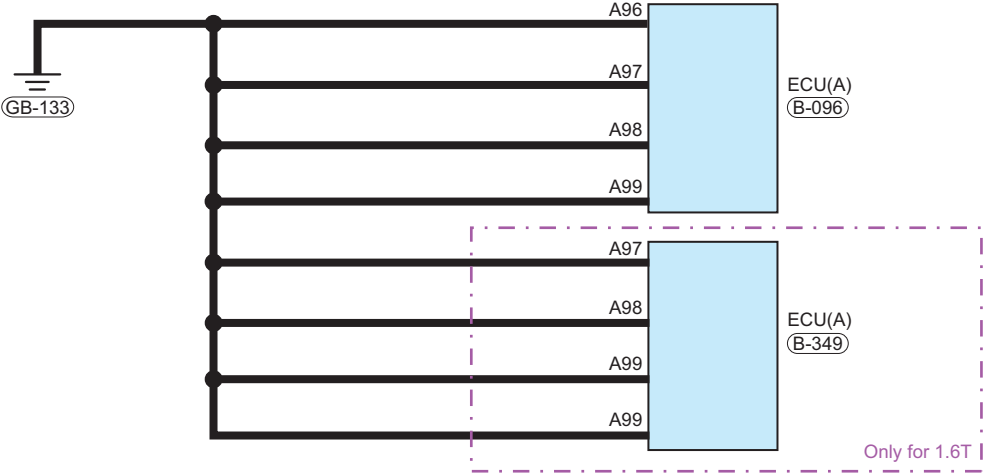
Ground Position	Physical Graphics
<p>Engine</p>	
	

Engine wire harness has one ground point: GE-114

Ground Position	Physical Graphics
Engine	
 <p style="text-align: right; color: purple;">Only for 1.6T</p>	

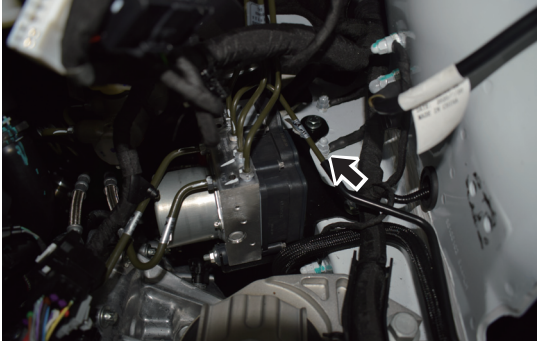
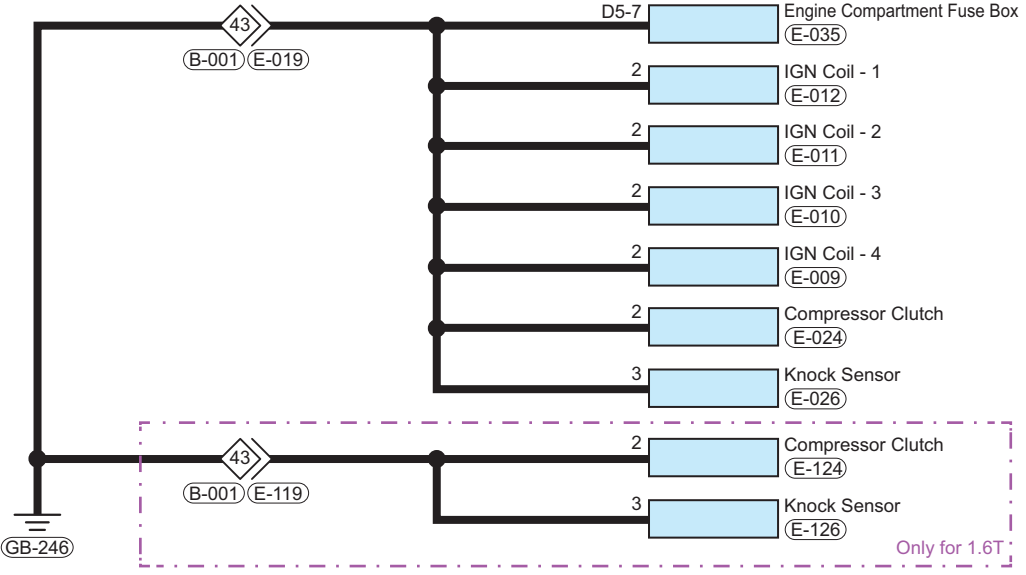


Interior Wire Harness Ground Point Distribution

Interior wire harness has 23 ground points: GB-074, GB-246, GB-076, GB-077, GB-078, GB-079, GB-080, GB-081, GB-083, GB-084, GB-085, GB-087, GB-133, GB-134, GB-135, GB-136, GB-137, GB-141, GB-142, GB-243, GB-249, GB-264, GB-288

Ground Position	Physical Graphics
<p>Central Channel Center Reinforcing Plate</p>	
	

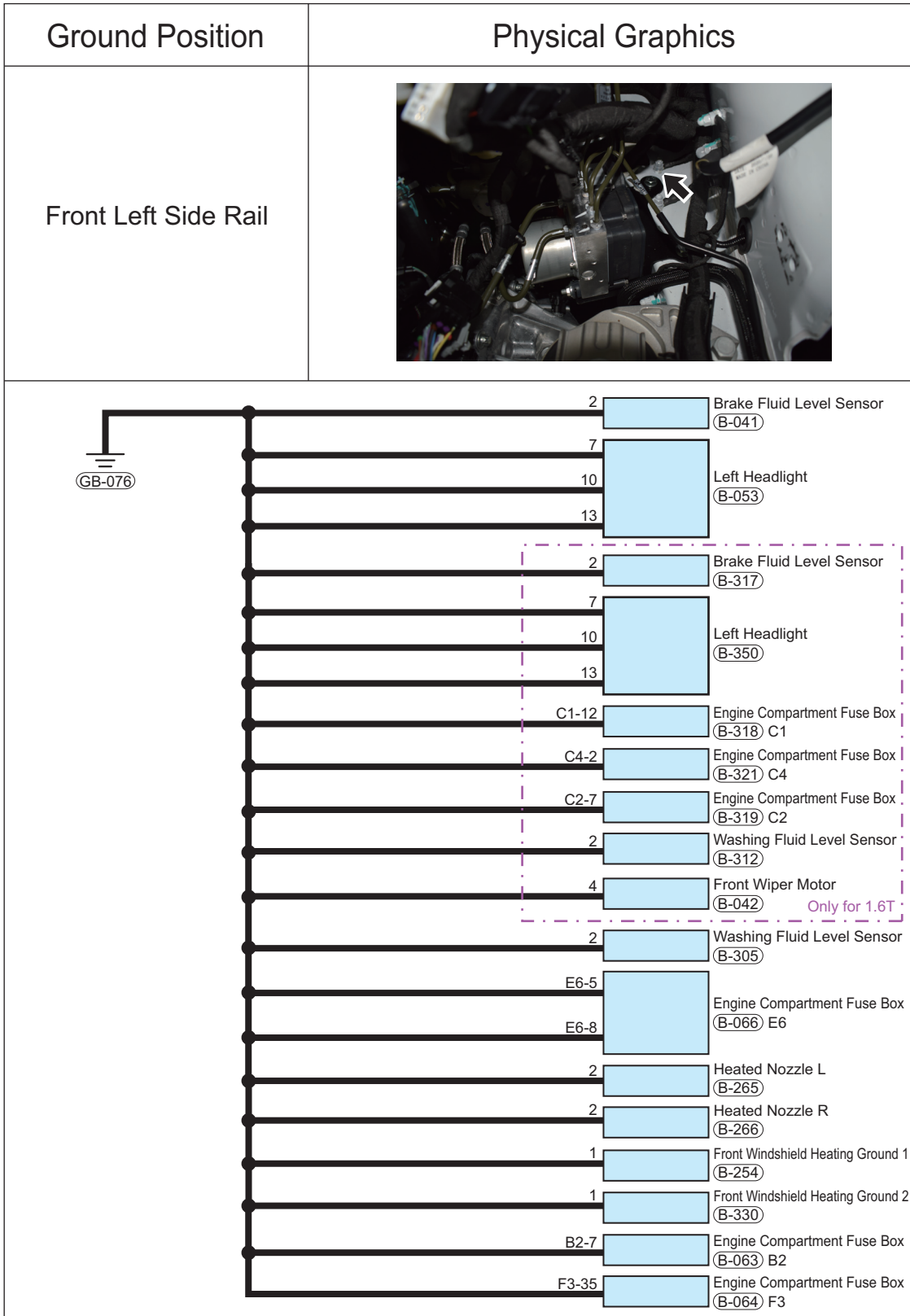
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GDE017001

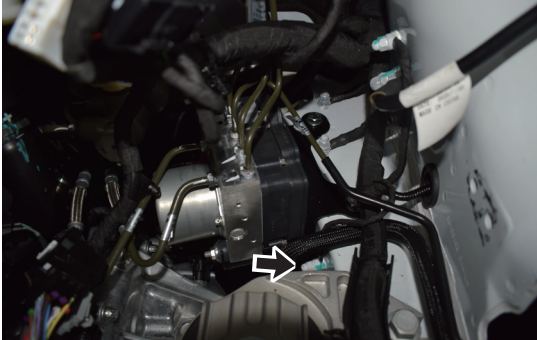

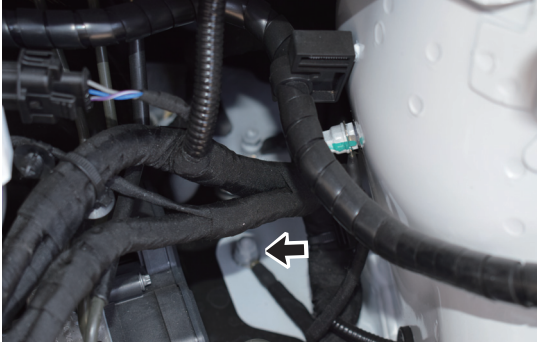
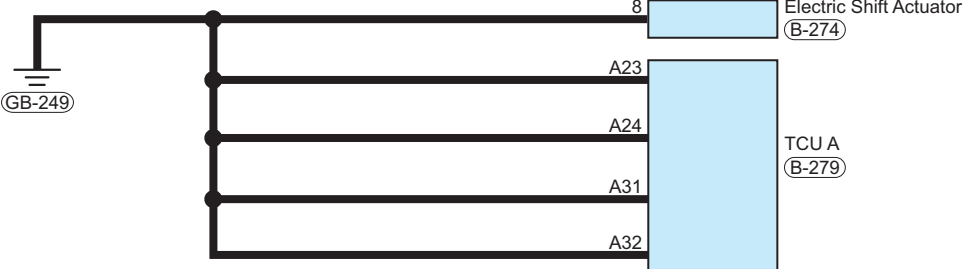
Ground Position	Physical Graphics
<p>Front Left Side Rail</p>	
	
Ground Position	Physical Graphics
<p>Front of Left B-pillar Rocker</p>	
	

08

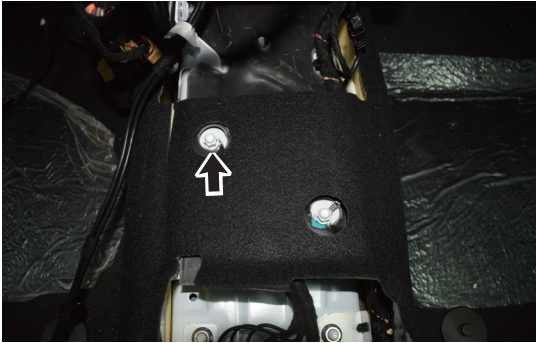

GDE002001


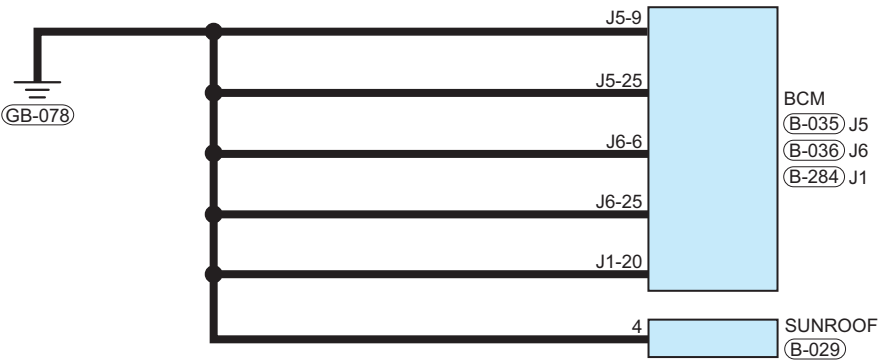


GDE003001

Ground Position	Physical Graphics
Front Left Side Rail	
	
Ground Position	Physical Graphics
Front Left Side Rail	
	

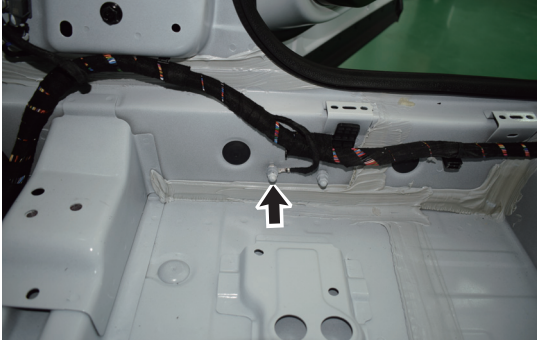
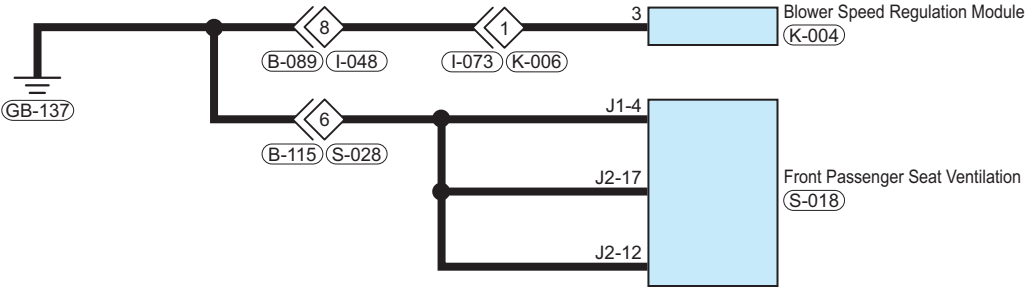
GDE003002

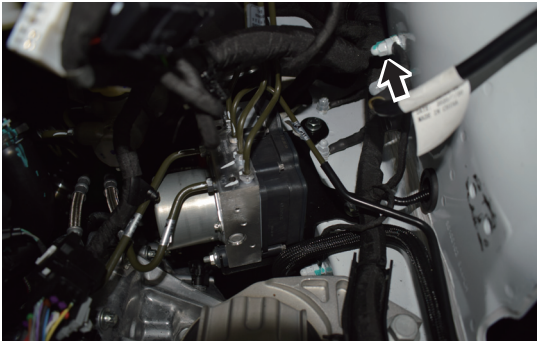

Ground Position	Physical Graphics
Central Channel	
	

Ground Position	Physical Graphics
Gutter Channel Rear Part Body	
	

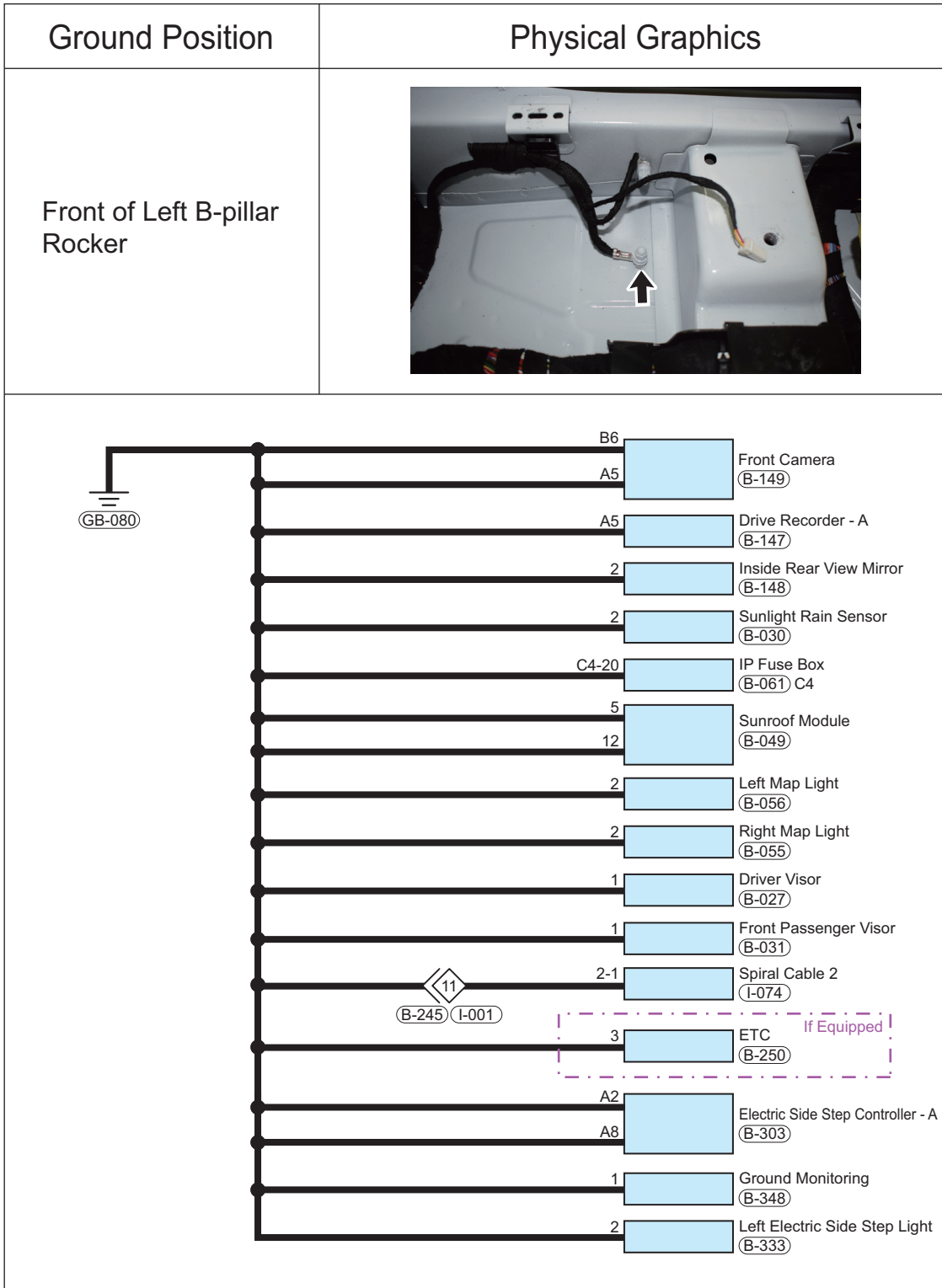
GDE004001

08

Ground Position	Physical Graphics
<p>Rear of Right B-pillar Rocker</p>	
	

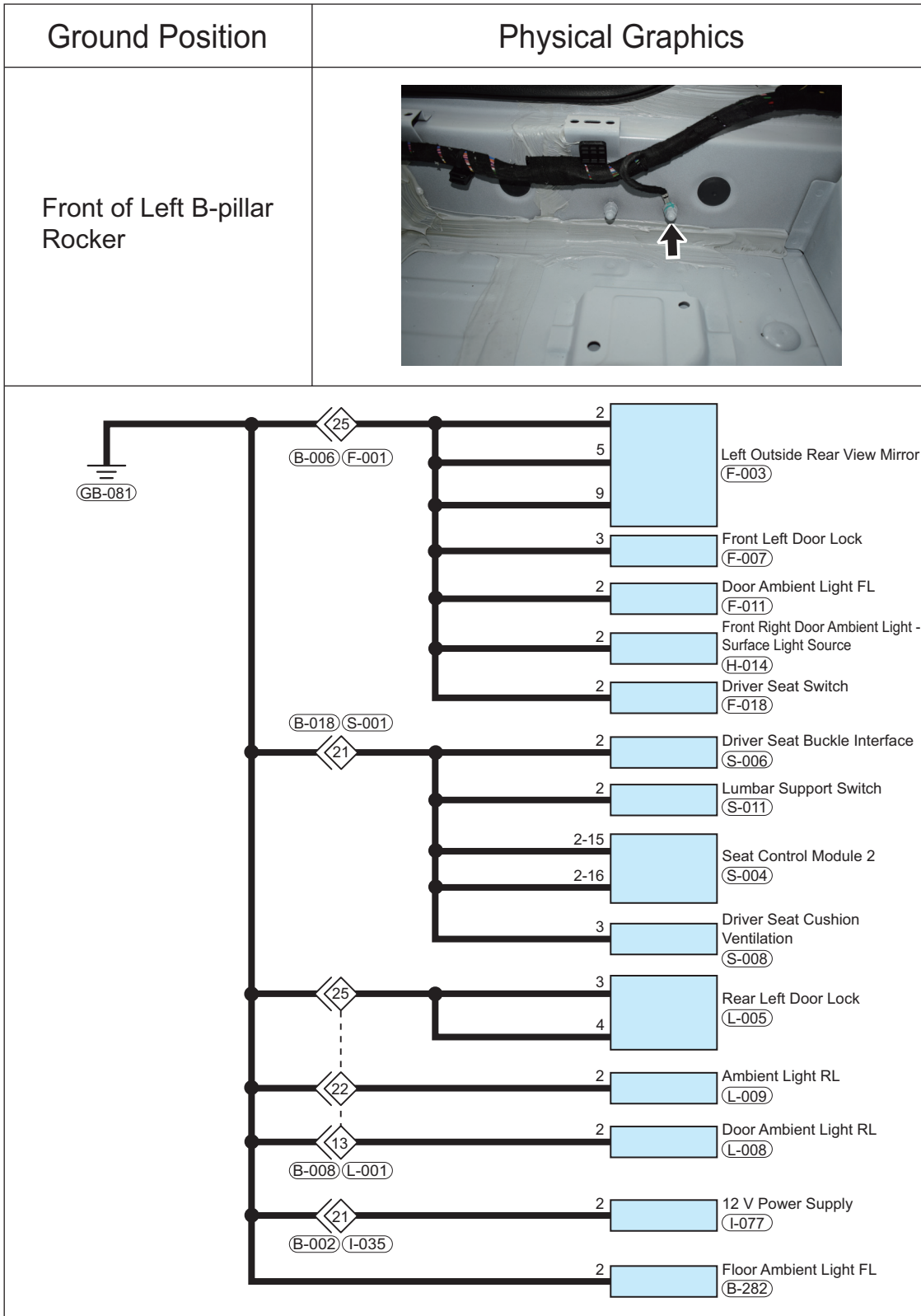
Ground Position	Physical Graphics
<p>Front Left Side Rail</p>	
	

GDE005001

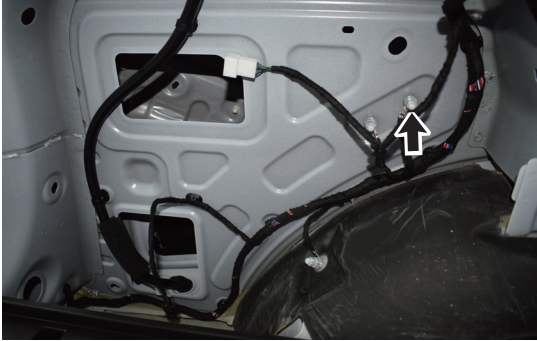
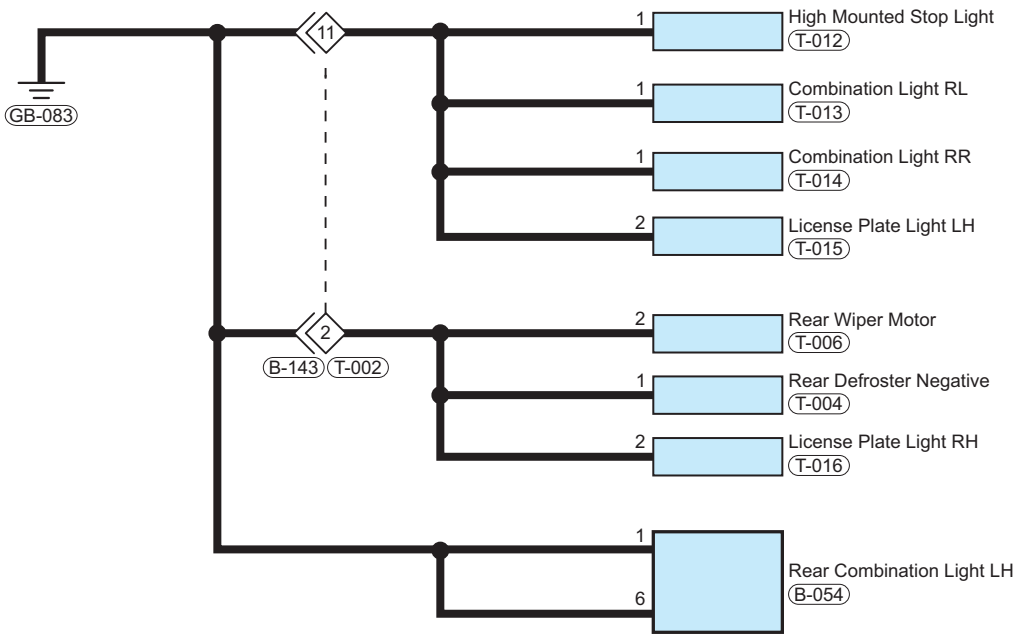


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GDE006001

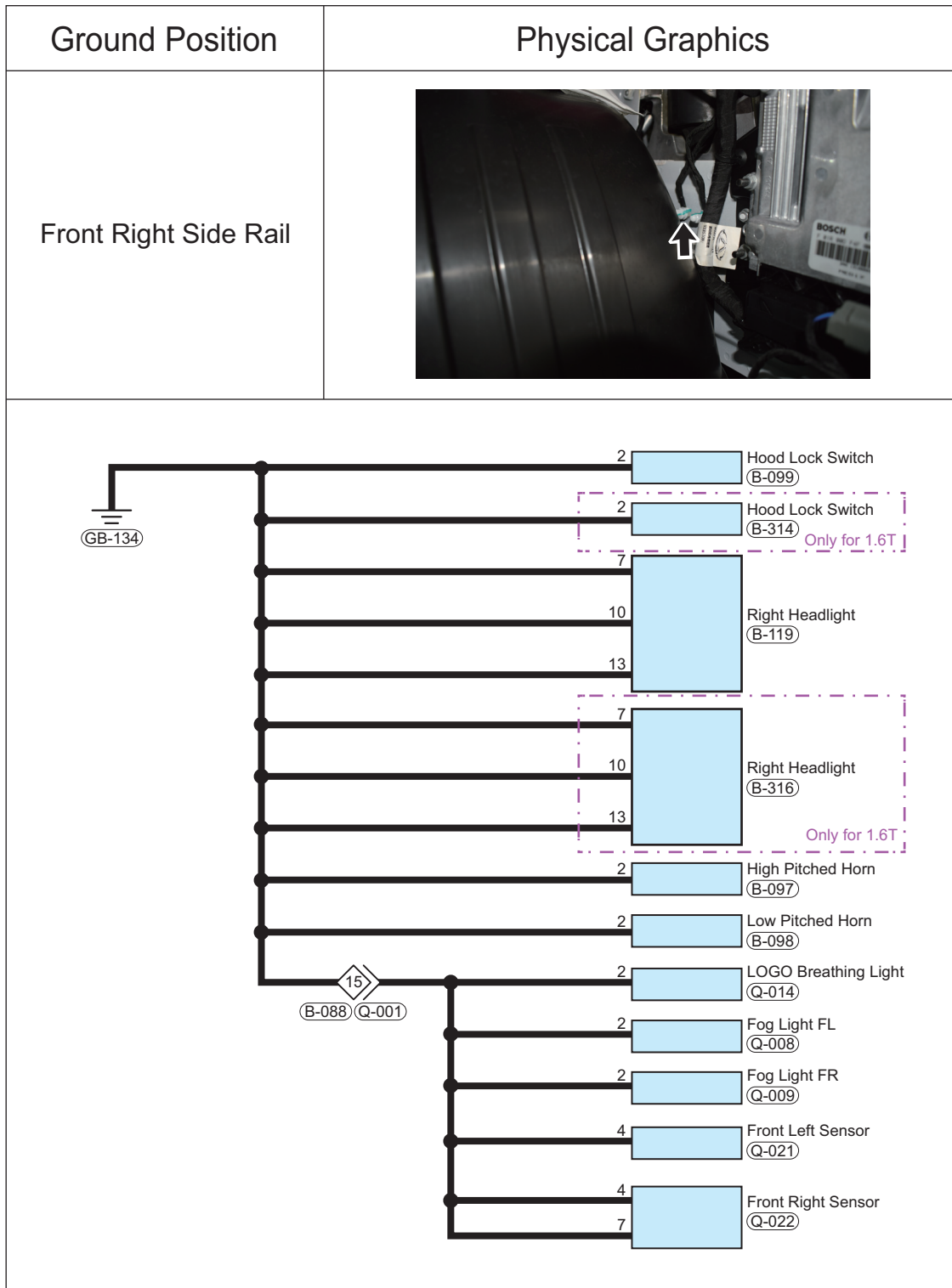


GDE007001

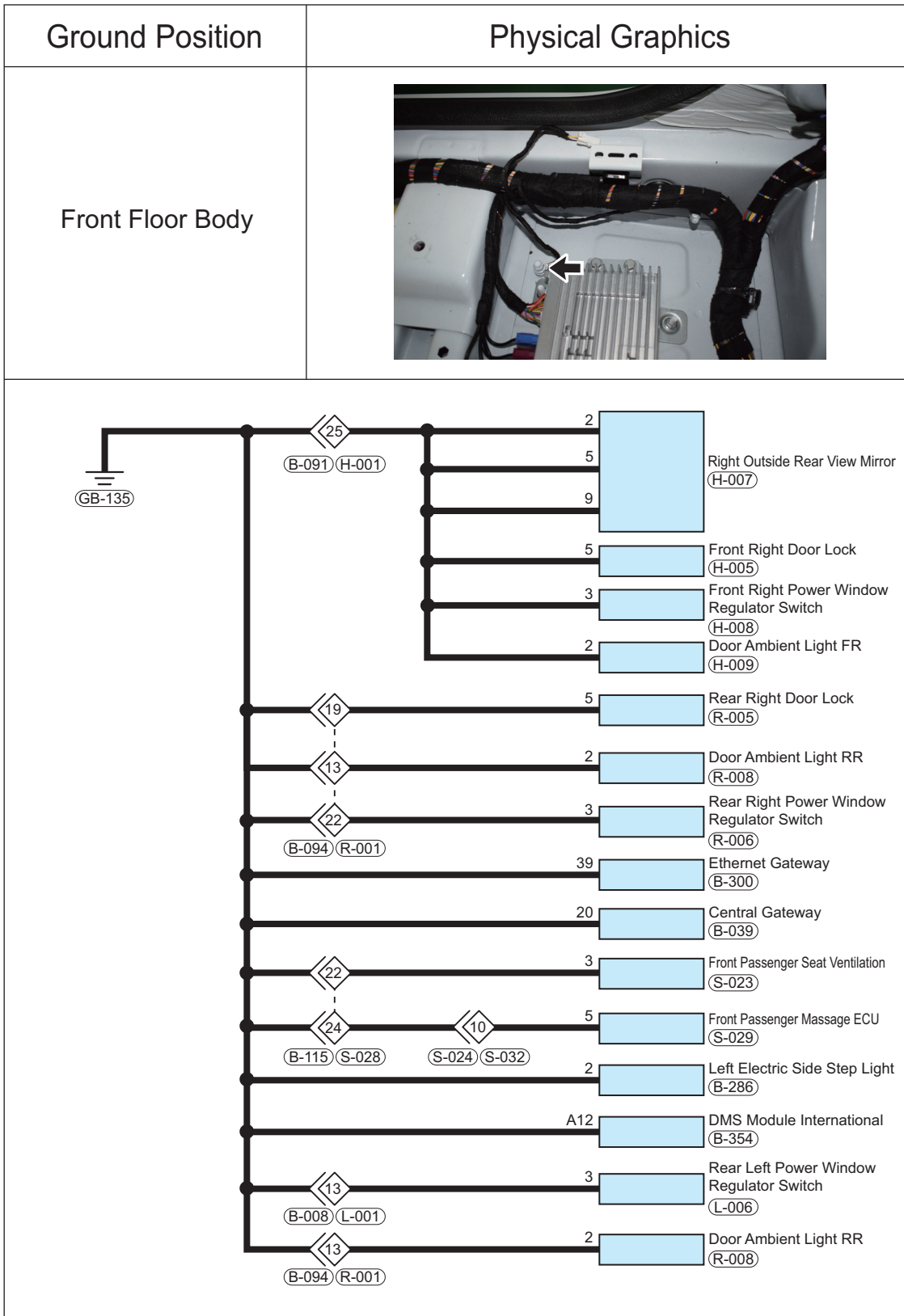
Ground Position	Physical Graphics
<p>Left D-pillar Lower Connecting Plate 1</p>	
	

08

GDE008001

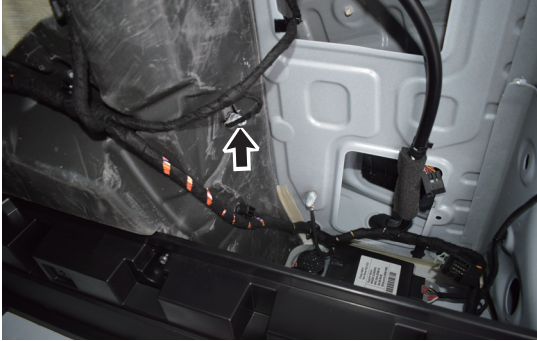


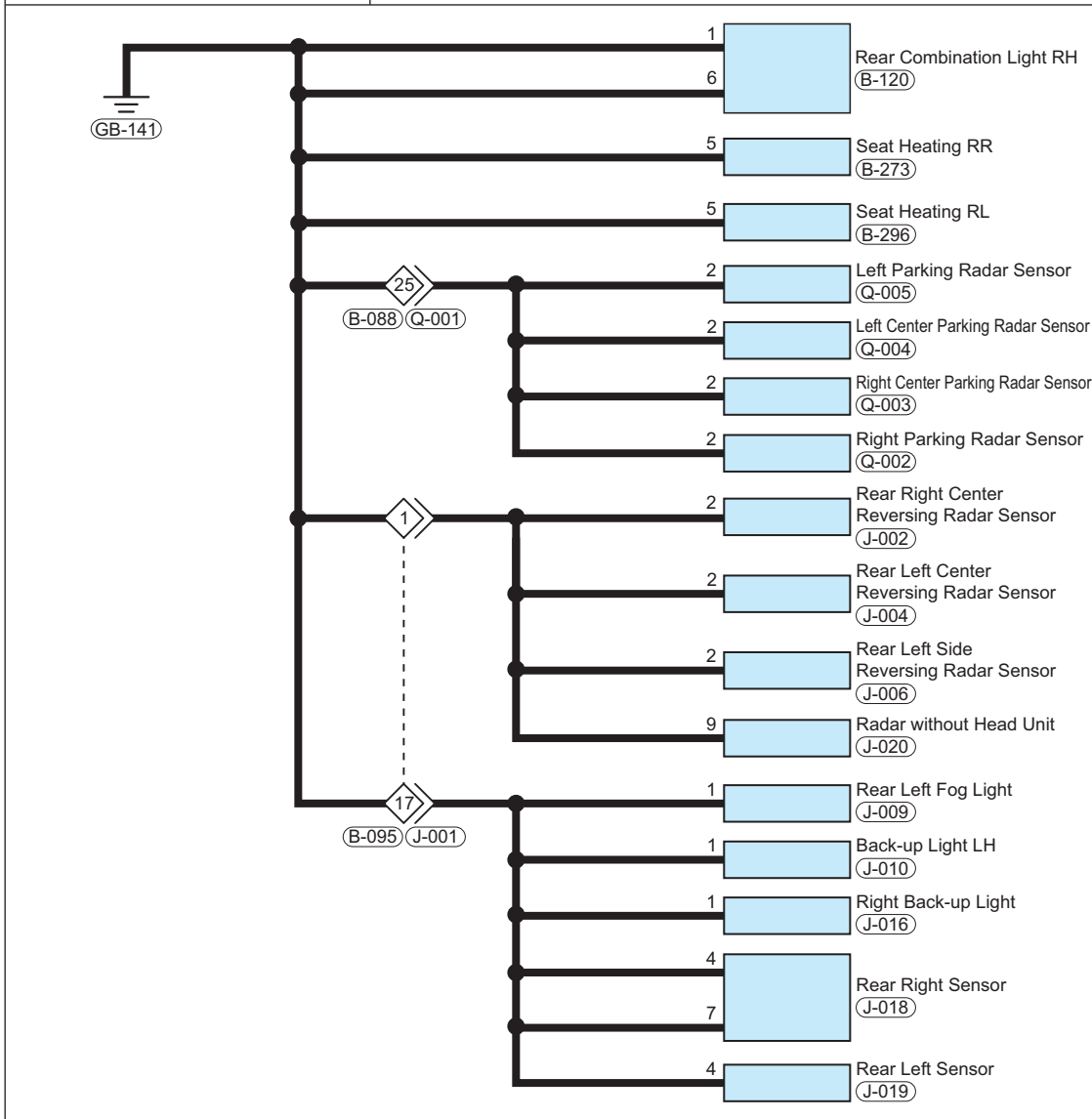
GDE009001





GDE010001

08



Ground Position	Physical Graphics
Right C-pillar Inner Plate	



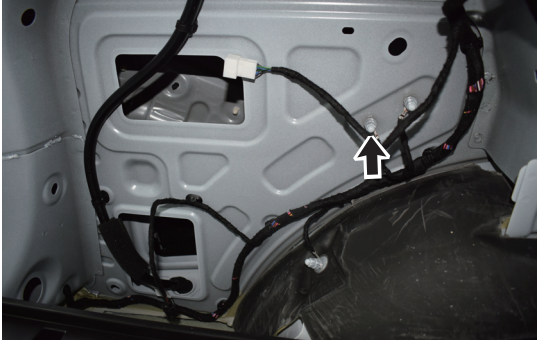

GDE011001

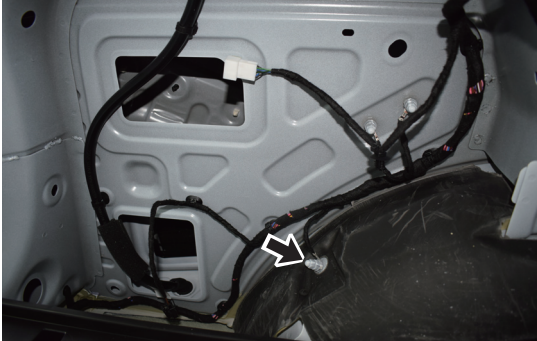

Ground Position	Physical Graphics
<p>Front of Right B-pillar Rocker</p>	
 <p>A14 A30</p> <p>Parking Radar Controller (B-229)</p> <p>GB-136</p>	

08

Ground Position	Physical Graphics
<p>Right C-pillar Inner Plate</p>	
 <p>A7</p> <p>Back Door Controller A (B-124)</p> <p>GB-142</p>	

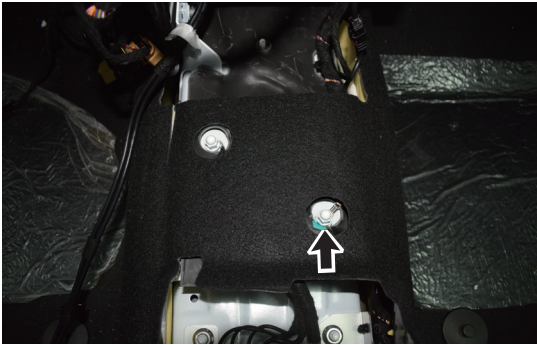
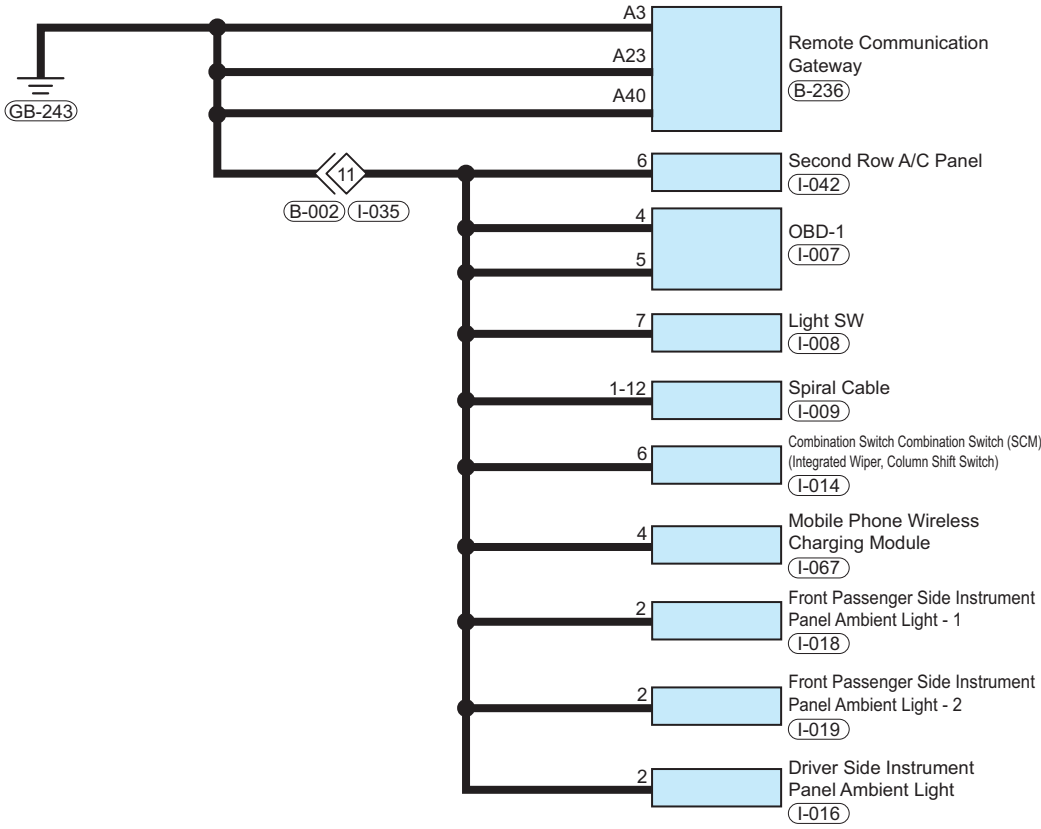
GDE012001

Ground Position	Physical Graphics
Right C-pillar Inner Plate	
	

Ground Position	Physical Graphics
Rear Right Wheel House Inner Plate	
	

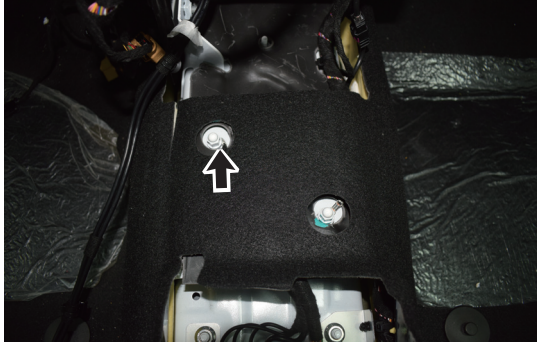
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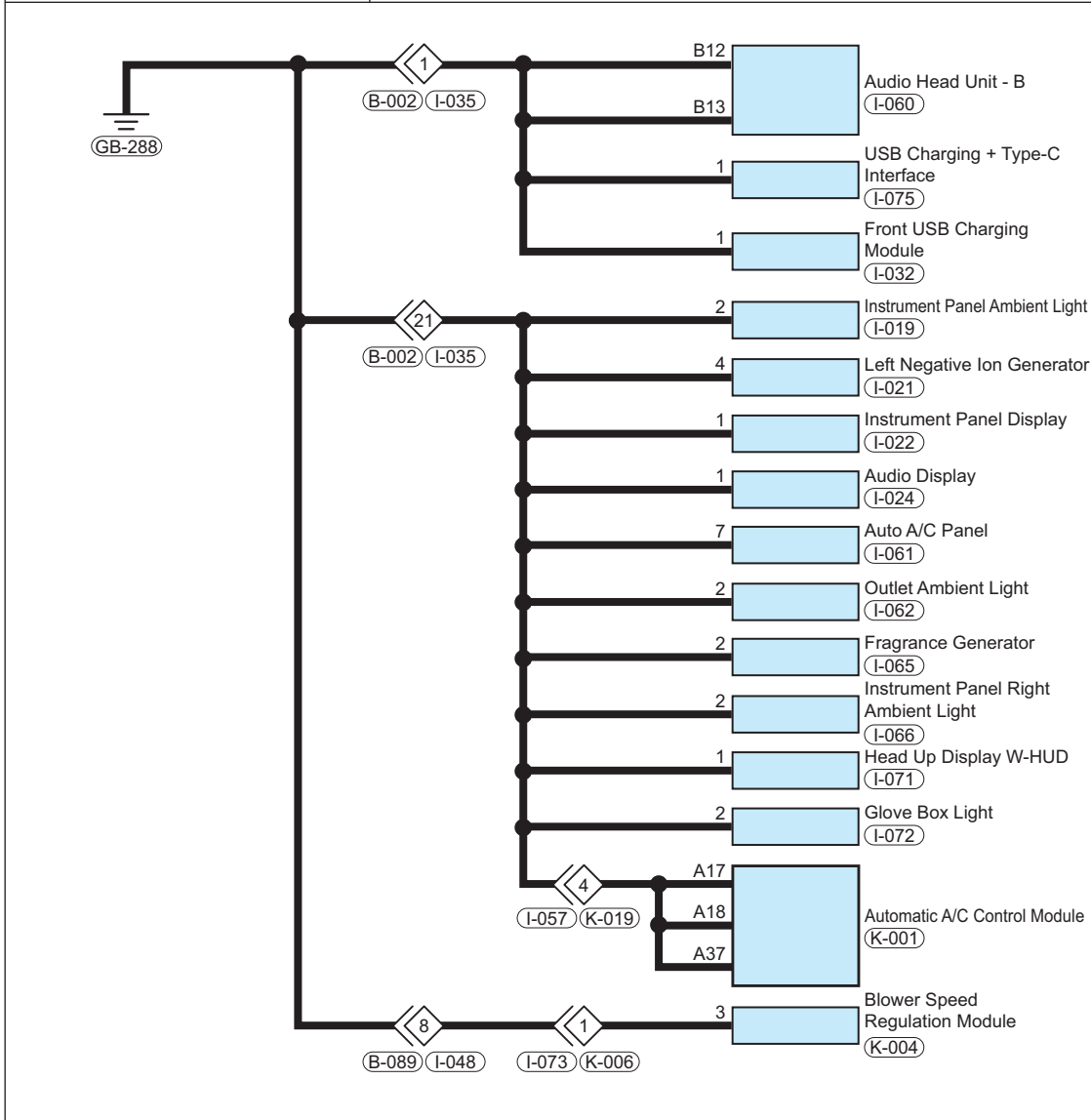
GDE013001

Ground Position	Physical Graphics
<p>Central Channel</p>	
	

08

GDE014001

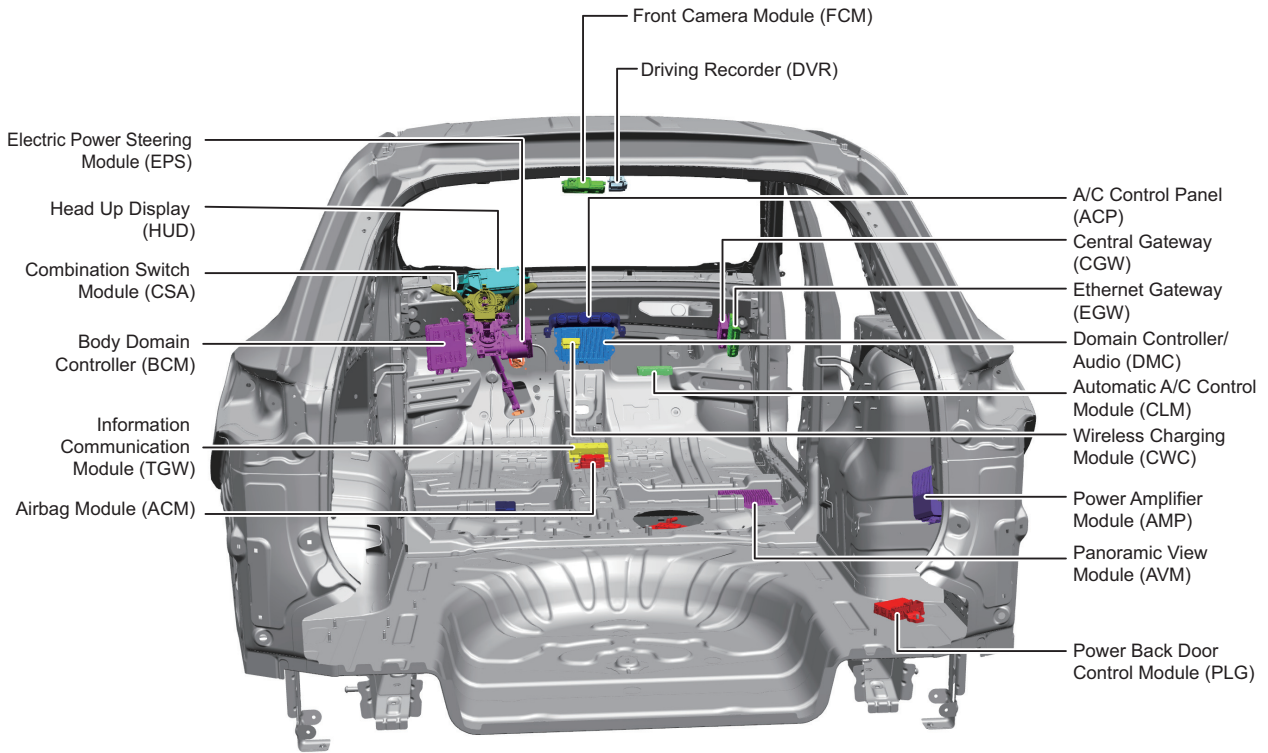
Ground Position	Physical Graphics
Under Right C-pillar Protector	



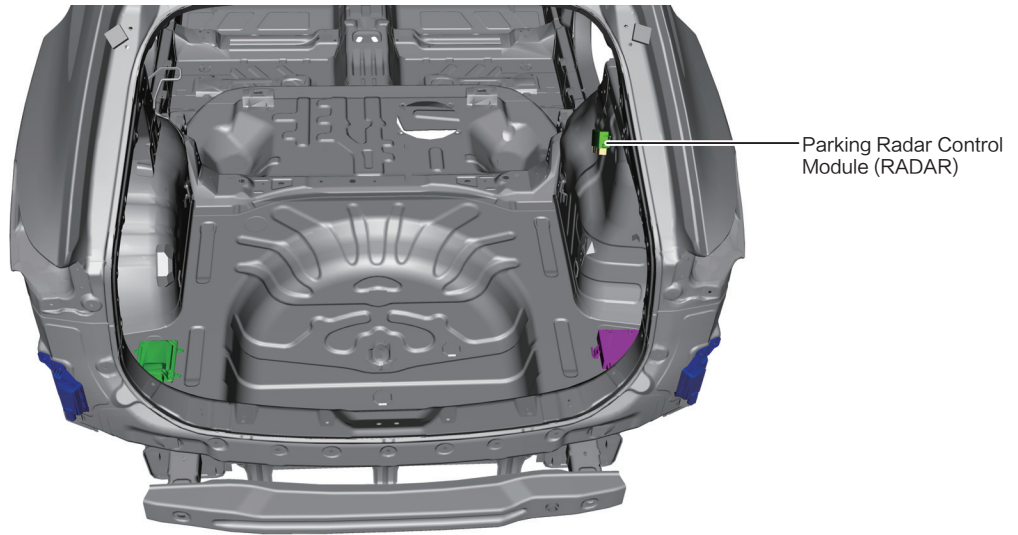
GDE017002

Control Module Distribution Diagram and Terminal Definition

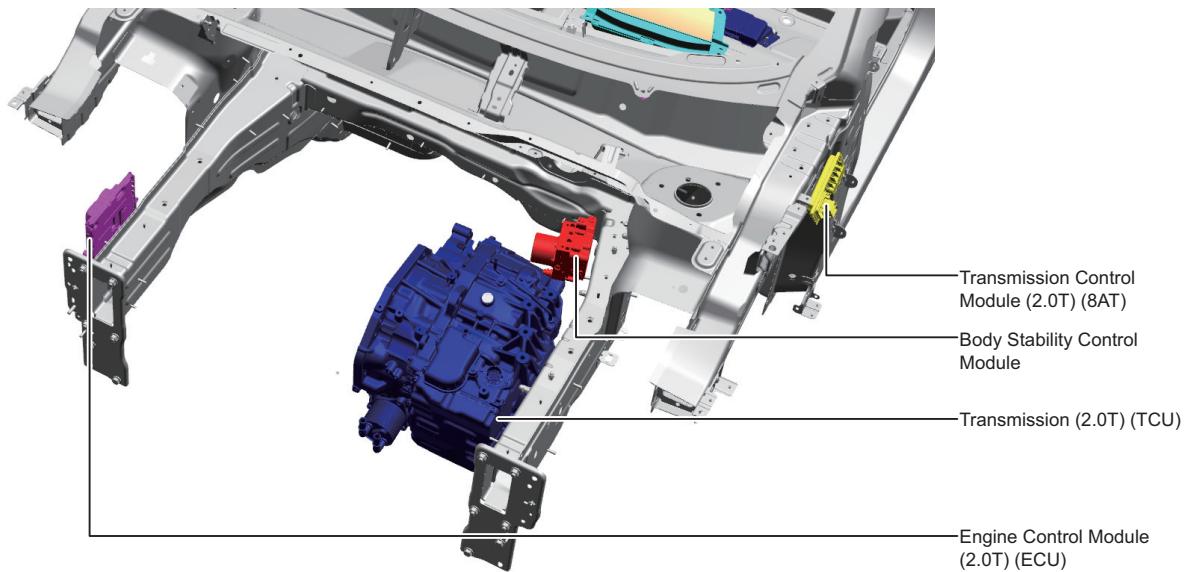
This section introduces the position and terminal definition information of each control module of vehicle. Whole vehicle includes the following modules:



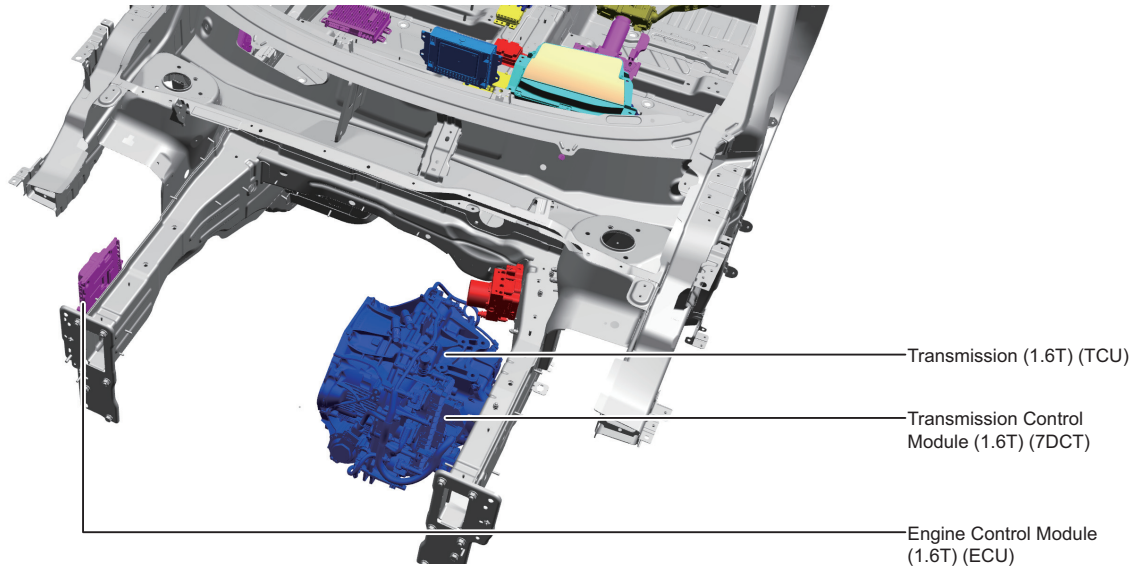
EWD130001



EWD140001

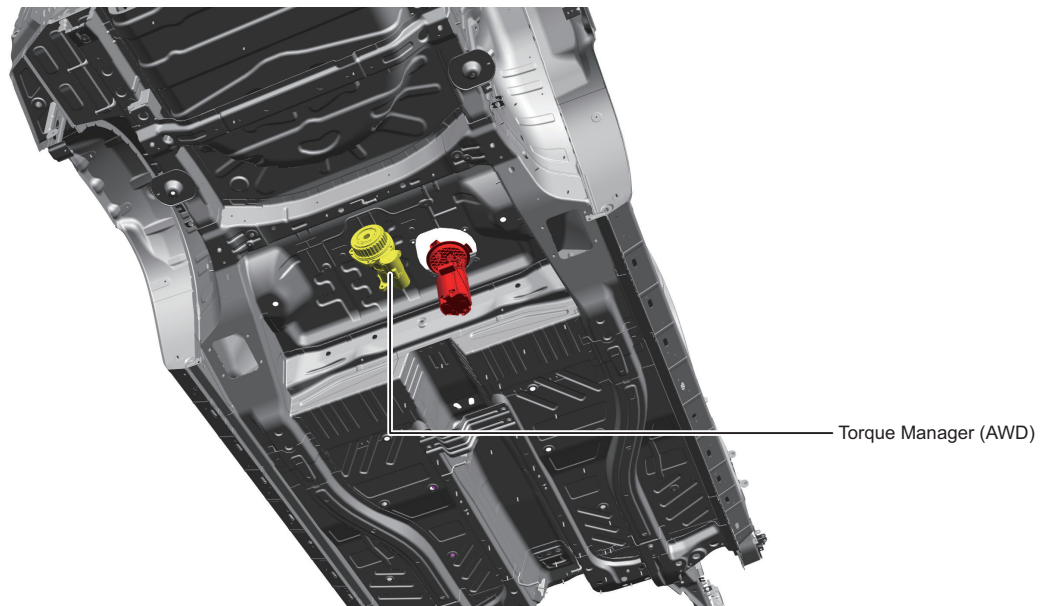


EWD150001



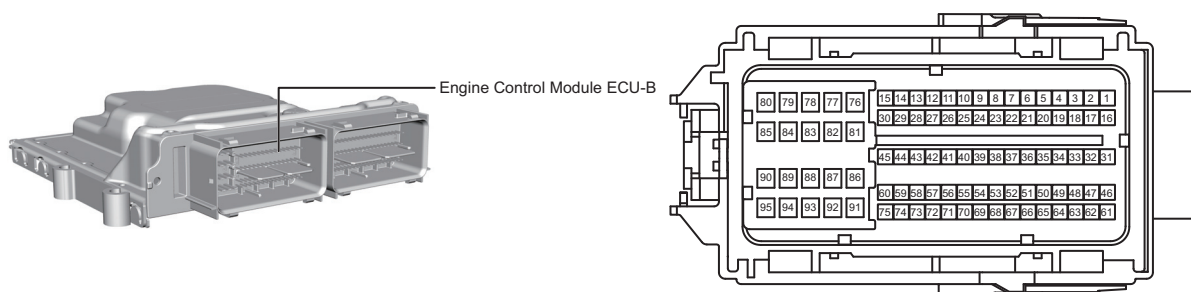
EWD160001

09



EWD170001

Engine Control Module (ECU-B) (2.0T) Terminal Definition



PIN	Definition	PIN	Definition
B1	Power Supply	B49	-
B2	5 V Power Supply	B50	-
B3	Intake Pressure/Temperature Sensor/Canister Desorption Pressure Sensor Power Supply	B51	-
B4	-	B52	-
B5	Sensor Ground	B53	-
B6	Sensor Ground	B54	Electronic Waste Gate Signal 2
B7	Sensor Ground	B55	-
B8	Low Pressure Fuel Pressure Sensor Output	B56	-
B9	Sensor Ground	B57	Engine Speed Sensor Signal
B10	Exhaust Camshaft Phase Sensor Ground	B58	-
B11	Sensor Power Supply	B59	-
B12	Ignition 2	B60	-
B13	Ignition 4	B61	-
B14	Ignition 1	B62	-
B15	Ignition 3	B63	-
B16	Sensor Power Supply	B64	-
B17	Sensor Power Supply	B65	-
B18	Engine Speed Sensor Power Supply	B66	-
B19	-	B67	-
B20	Engine Speed Sensor Ground	B68	-
B21	-	B69	-
B22	Water Temperature Sensor 1 Signal	B70	-
B23	-	B71	-
B24	-	B72	-
B25	Low Pressure Fuel Pressure Sensor Power Supply	B73	-

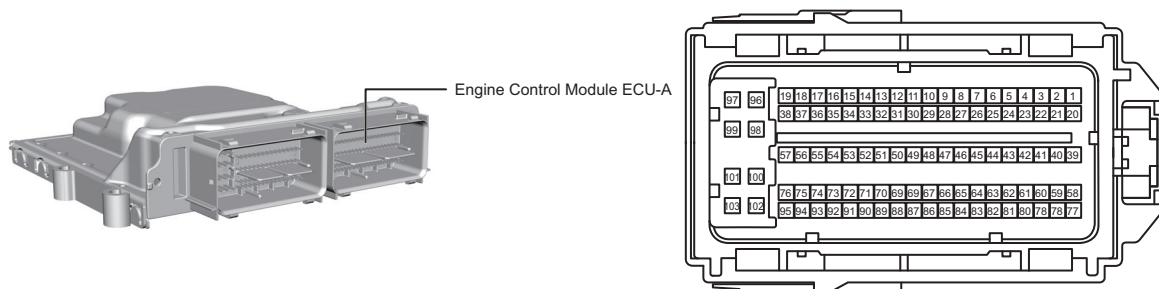
PIN	Definition	PIN	Definition
B26	Canister Desorption Pressure Sensor Signal	B74	-
B27	Boost Pressure Sensor Pressure Signal	B75	-
B28	Intake Pressure/Temperature Sensor Pressure Signal	B76	4th Cylinder Fuel Injection -
B29	Boost Pressure Sensor Temperature Signal	B77	4th Cylinder Fuel Injection +
B30	Intake Camshaft Phase Sensor Signal	B78	1st Cylinder Fuel Injection +
B31	Fuel Tank Pressure Sensor Signal	B79	3rd Cylinder Fuel Injection -
B32	-	B80	2nd Cylinder Fuel Injection -
B33	-	B81	Electronic Waste Gate Control -
B34	Electronic Throttle Signal 2	B82	Electronic Waste Gate Control +
B35	Water Temperature Sensor 2 Signal	B83	1st Cylinder Fuel Injection -
B36	Fuel Rail Pressure Sensor	B84	3rd Cylinder Fuel Injection +
B37	-	B85	2nd Cylinder Fuel Injection +
B38	Intake Pressure/Temperature Sensor Temperature Signal	B86	Electronic Throttle Control -
B39	-	B87	-
B40	Electronic Throttle Signal 1	B88	-
B41	2nd GPF Pressure Sensor	B89	-
B42	1st GPF Pressure Sensor	B90	High Pressure Fuel Pump +
B43	-	B91	Electronic Throttle Control +
B44	-	B92	-
B45	Exhaust Camshaft Phase Sensor Signal	B93	-
B46	Knock Sensor +	B94	-
B47	Knock Sensor -	B95	High Pressure Fuel Pump -
B48	-		

Engine Control Module (ECU-B) (1.6T) Terminal Definition

PIN	Definition	PIN	Definition
B1	VCC	B49	-
B2	Intake Pressure/Temperature Sensor/Canister Desorption Pressure Sensor Power Supply	B50	-
B3	Exhaust Camshaft Phase Sensor Power Supply	B51	-
B4	-	B52	-
B5	GPF Pressure Sensor Ground	B53	-
B6	Ground	B54	Electronic Waste Gate Position Signal
B7	Sensor ground	B55	-
B8	Fuel Pressure Control Valve +	B56	-
B9	Pressure Sensor Ground	B57	Crankshaft Sensor Signal
B10	Exhaust Camshaft Phase Sensor Ground	B58	-
B11	Intake Camshaft Phase Sensor Ground	B59	-
B12	2nd Cylinder Ignition	B60	-
B13	4th Cylinder Ignition	B61	-
B14	1st Cylinder Ignition	B62	-
B15	3rd Cylinder Ignition	B63	-
B16	Ground	B64	-
B17	Exhaust Camshaft Phase Sensor Signal	B65	-
B18	Crankshaft Sensor Power Supply	B66	-
B19	-	B67	-
B20	Crankshaft Sensor Ground	B68	-
B21	-	B69	-
B22	Water Temperature Sensor 1	B70	-
B23	-	B71	-
B24	-	B72	-
B25	Fuel Pressure Control Valve -	B73	-
B26	Flow Sensor Signal	B74	-
B27	Pressure Sensor Signal	B75	-
B28	Intake Pressure/Temperature Sensor Pressure Signal	B76	4th Cylinder Injection -
B29	Power Supply	B77	4th Cylinder Injection +
B30	Intake Camshaft Phase Sensor Signal	B78	1st Cylinder Injection +

PIN	Definition	PIN	Definition
B31	Fuel Tank Pressure Sensor	B79	3rd Cylinder Injection -
B32	-	B80	2nd Cylinder Injection -
B33	-	B81	Electronic Waste Gate Control-
B34	Throttle Position Sensor 2	B82	Electronic Waste Gate Control+
B35	Water Tank Temperature Sensor 2	B83	1st Cylinder Injection -
B36	Fuel Rail Signal	B84	2nd Cylinder Injection +
B37	-	B85	3rd Cylinder Injection +
B38	Intake Pressure/Temperature Sensor Temperature Signal	B86	Electronic Throttle Control -
B39	-	B87	-
B40	Throttle Position Sensor 1	B88	-
B41	GPF Pressure Sensor Signal	B89	-
B42	GPF Pressure Sensor Signal	B90	High Pressure Fuel Pump -
B43	-	B91	Electronic Throttle Control +
B44	-	B92	-
B45	Exhaust Camshaft Phase Sensor Signal	B93	-
B46	Knock Sensor Power Supply	B94	-
B47	Knock Sensor Power Supply	B95	High Pressure Fuel Pump +
B48	-		

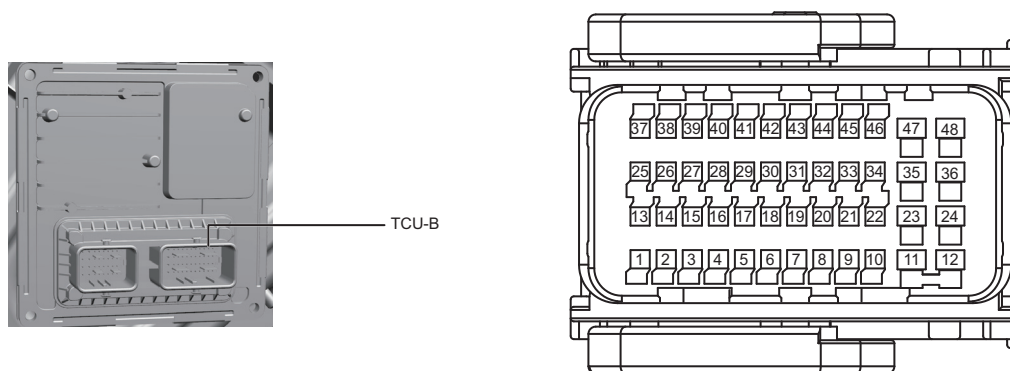
Engine Control Module (ECU-A) (2.0T/1.6T) Terminal Definition



PIN	Definition	PIN	Definition
A1	Electronic Waste Gate Power Supply	A53	-
A2	Fan Signal 1	A54	-
A3	-	A55	Normally Open
A4	-	A56	Normally Closed
A5	Control End	A57	State Feedback
A6	Control End	A58	Canister Close Valve
A7	Heating Valve Signal	A59	Variable Oil Pump Signal
A8	Control End	A60	Electronic Thermostat Signal
A9	Brake Vacuum Pressure Sensor Ground	A61	Heating
A10	-	A62	Heating
A11	Sensor Ground	A63	Power Supply
A12	A/C Pressure Switch Power Supply Ground	A64	CANL
A13	Accelerator Pedal Ground	A65	CANH
A14	Brake Vacuum Pressure Sensor Power Supply	A66	Front Oxygen Sensor IA
A15	Accelerator Pedal Signal 1	A67	Front Oxygen Sensor UN
A16	Accelerator Pedal Signal 2	A68	-
A17	-	A69	-
A18	A/C Pressure Switch Power Supply	A70	-
A19	-	A71	-
A20	Fan Signal 1	A72	-
A21	Signal	A73	-
A22	-	A74	-
A23	Enable Signal	A75	-
A24	Control End	A76	-
A25	Control Valve	A77	-

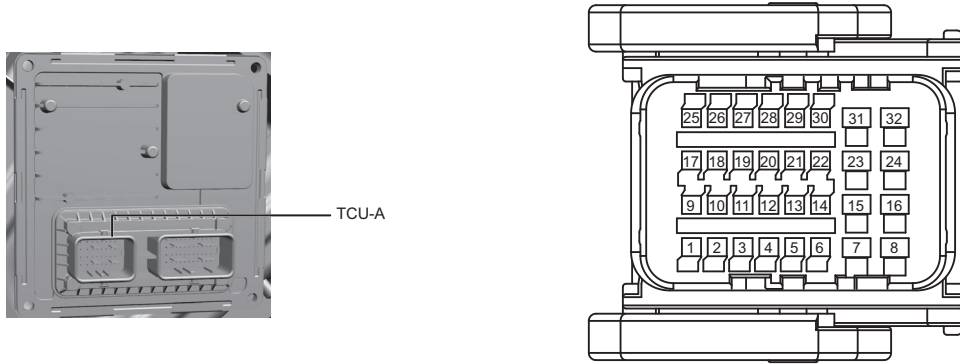
PIN	Definition	PIN	Definition
A26	Fuel Level	A78	-
A27	Brake Vacuum Pressure Sensor Signal	A79	-
A28	Sensor Ground	A80	-
A29	Accelerator Pedal Ground 2	A81	-
A30	-	A82	-
A31	Accelerator Pedal Power Supply 1	A83	-
A32	-	A84	-
A33	-	A85	-
A34	A/C Pressure Switch Signal	A86	-
A35	-	A87	-
A36	-	A88	-
A37	-	A89	-
A38	-	A90	-
A39	Cooling Fan Signal	A91	-
A40	Air Exhaust	A92	-
A41	Air Intake	A93	-
A42	Canister Control Valve	A94	-
A43	-	A95	-
A44	-	A96	Ground
A45	-	A97	Ground
A46	Power Supply	A98	Ground
A47	LIN	A99	Ground
A48	Front Oxygen Sensor IP	A100	Power Supply
A49	Front Oxygen Sensor VM	A101	Power Supply
A50	-	A102	Power Supply
A51	Accelerator Pedal Power Supply 2	A103	Power Supply
A52	GPF Temperature Sensor Ground		

Transmission Control Module TCU (8AT) Terminal Definition



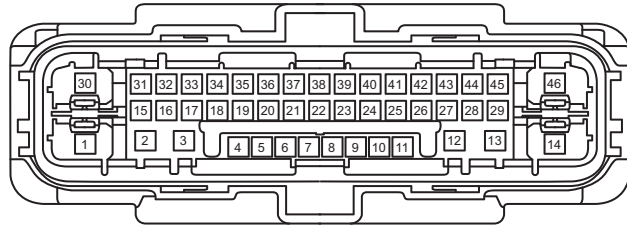
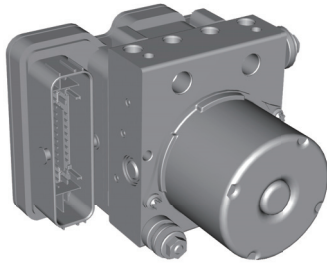
PIN	Definition	PIN	Definition
B1	-	B25	-
B2	-	B26	-
B3	-	B27	Oil Temperature Sensor Ground
B4	-	B28	-
B5	-	B29	-
B6	-	B30	Output speed
B7	-	B31	Fuel Pump Control
B8	CANL	B32	PL Solenoid valve
B9	C4_Control Solenoid Valve	B33	C3/B2 Clutch Solenoid Valve
B10	Clutch Solenoid Valve -	B34	C2 Clutch Solenoid Valve
B11	Clutch Solenoid Valve -	B35	C2, TC Electrical Switch
B12	Clutch Switch	B36	PL Electrical Switch
B13	-	B37	-
B14	-	B38	-
B15	-	B39	-
B16	Oil Temperature Sensor +	B40	-
B17	Oil Temperature Sensor -	B41	-
B18	-	B42	Input Speed
B19	-	B43	
B20	CANH	B44	Fuel Pump Control
B21	S2 ON/OFF Solenoid Valve	B45	S1 ON/OFF Solenoid Valve
B22	TC Control Solenoid Valve	B46	C1 Clutch Solenoid Valve
B23	-	B47	C1/C3/B2 Switch
B24	-	B48	S2/S2 Switch

Transmission Control Module TCU (8AT) Terminal Definition



PIN	Definition	PIN	Definition
A1	Power Supply	A17	-
A2	-	A18	-
A3	-	A19	DATA
A4	-	A20	GND
A5	CAN1H	A21	CAN2H
A6	-	A22	-
A7	Power Supply	A23	Ground
A8	Power Supply	A24	Ground
A9	-	A25	-
A10	-	A26	CS
A11	-	A27	CLK
A12	-	A28	VDD
A13	CAN1L	A29	CAN2L
A14	-	A30	-
A15	Power Supply	A31	Ground
A16	Power Supply	A32	Ground

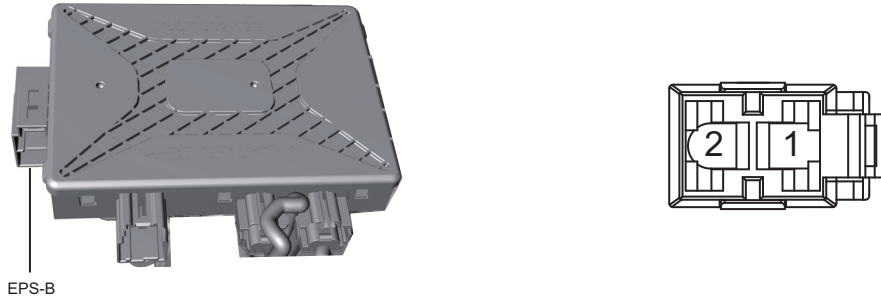
Body Stability Control Module (ESP) Terminal Definition



PIN	Definition	PIN	Definition
1	Power Supply	25	CANL
2	Right EPB Motor +	26	Front Right Wheel Speed Sensor Signal
3	Right EPB Motor -	27	-
4	-	28	-
5	CANH1	29	-
6	-	30	Power Supply
7	Front Left Wheel Speed Sensor Signal	31	EPB Switch 1
8	-	32	EPB Switch 4
9	-	33	-
10	-	34	-
11	CANH	35	-
12	Left EPB Motor	36	IGN
13	Left EPB Motor +	37	Rear Right Wheel Speed Sensor Signal
14	Ground	38	Brake Switch
15	EPB Switch 3	39	Rear Left Wheel Speed Sensor Power Supply
16	EPB Switch 6	40	-
17	-	41	-
18	EPB Light	42	-
19	CANL1	43	-
20	-	44	-
21	Front Right Wheel Speed Sensor Power Supply	45	-
22	Rear Right Wheel Speed Sensor Power Supply	46	Ground
23	Rear Left Wheel Speed Sensor Signal	47	-

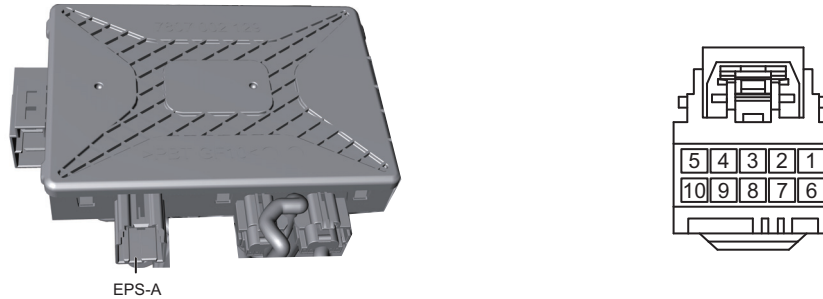
PIN	Definition	PIN	Definition
24	Front Left Wheel Speed Sensor Power Supply	48	-

Electric Power Steering Module (EPS-B) Terminal Definition



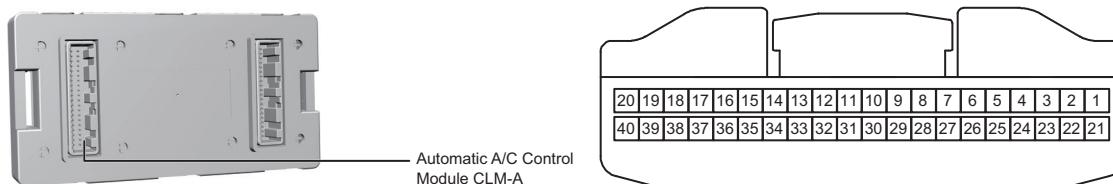
PIN	Definition	PIN	Definition
B1	Power Supply	B2	Ground

Electric Power Steering Module (EPS-A) Terminal Definition



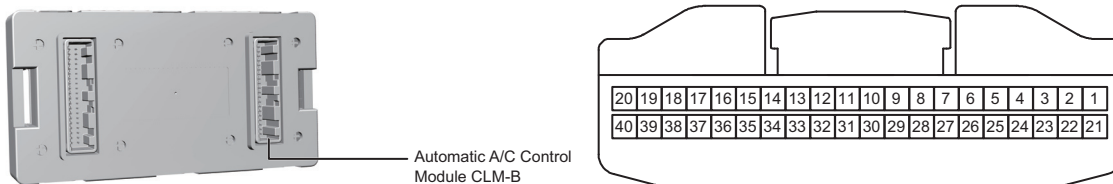
PIN	Definition	PIN	Definition
A1	Ignition Signal	A6	-
A2	CAN-H	A7	-
A3	-	A8	-
A4	CAN-L	A9	-
A5	-	A10	-

Automatic A/C Control Module (CLM-A) Terminal Definition



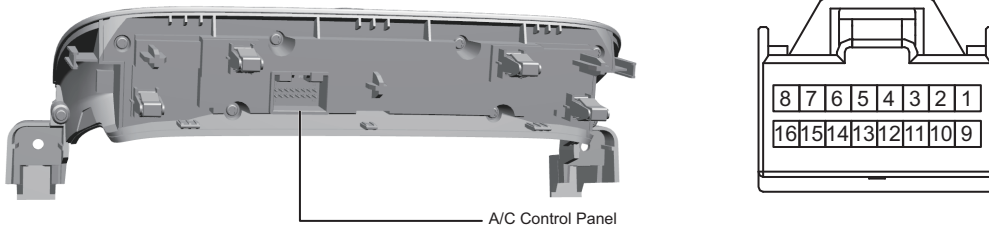
PIN	Definition	PIN	Definition
A1	CAN_L	A21	CAN_H
A2	Circulating Motor +	A22	In Car Temp Sensork
A3	Mode Motor -	A23	-
A4	Right Temperature Motor +	A24	Evaporator Tank Temperature Sensor
A5	Mode Motor +	A25	Ambient Temperature Sensor
A6	Left Temperature Motor -	A26	-
A7	Left Temperature Motor +	A27	PM2.5 Sensor
A8	Right Temperature Motor -	A28	-
A9	Circulating Motor -	A29	-
A10	-	A30	-
A11	IGN	A31	-
A12	Motor Power Supply	A32	Blower Feedback Positive End
A13	Circulating Motor Information Feedback	A33	-
A14	Mode Motor Information Feedback	A34	Blower Control End
A15	Left Temperature Motor Information Feedback	A35	Blower Feedback Negative End
A16	Right Temperature Motor Information Feedback	A36	Sensor Ground
A17	Ground	A37	Sensor Ground
A18	Ground	A38	Sensor Power Supply
A19	Power Supply	A39	ECV+
A20	Power Supply	A40	ECV-

Automatic A/C Control Module (CLM-B) Terminal Definition



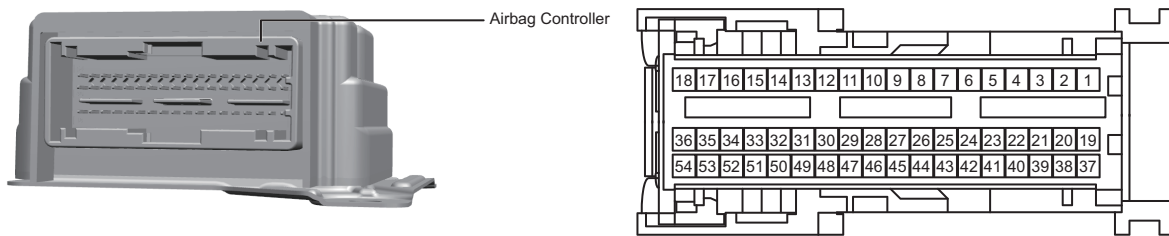
PIN	Definition	PIN	Definition
B1	PM2.5 Sensor Enabled	B21	-
B2	AQS Sensor	B22	AMB Sensor Sgnd
B3	-	B23	Right Anion Generator Diagnostic Signal
B4	-	B24	Left Face Temperature Sensor
B5	-	B25	Right Face Temperature Sensor
B6	-	B26	Left Foot Temperature Sensor
B7	-	B27	Right Foot Temperature Sensor
B8	-	B28	-
B9	-	B29	ECV+
B10	-	B30	B-CAN H
B11	-	B31	B-CAN L
B12	-	B32	ECV-
B13	-	B33	-
B14	-	B34	AMB SNR
B15	-	B35	-
B16	-	B36	-
B17	-	B37	-
B18	-	B38	-
B19	-	B39	-
B20	Anion Generator Enable	B40	-

A/C Control Panel (AIPM) Terminal Definition



PIN	Definition	PIN	Definition
1	-	9	-
2	-	10	-
3	-	11	-
4	CAN-H	12	-
5	CAN-L	13	-
6	-	14	-
7	Ground	15	-
8	Power Supply	16	Power Supply

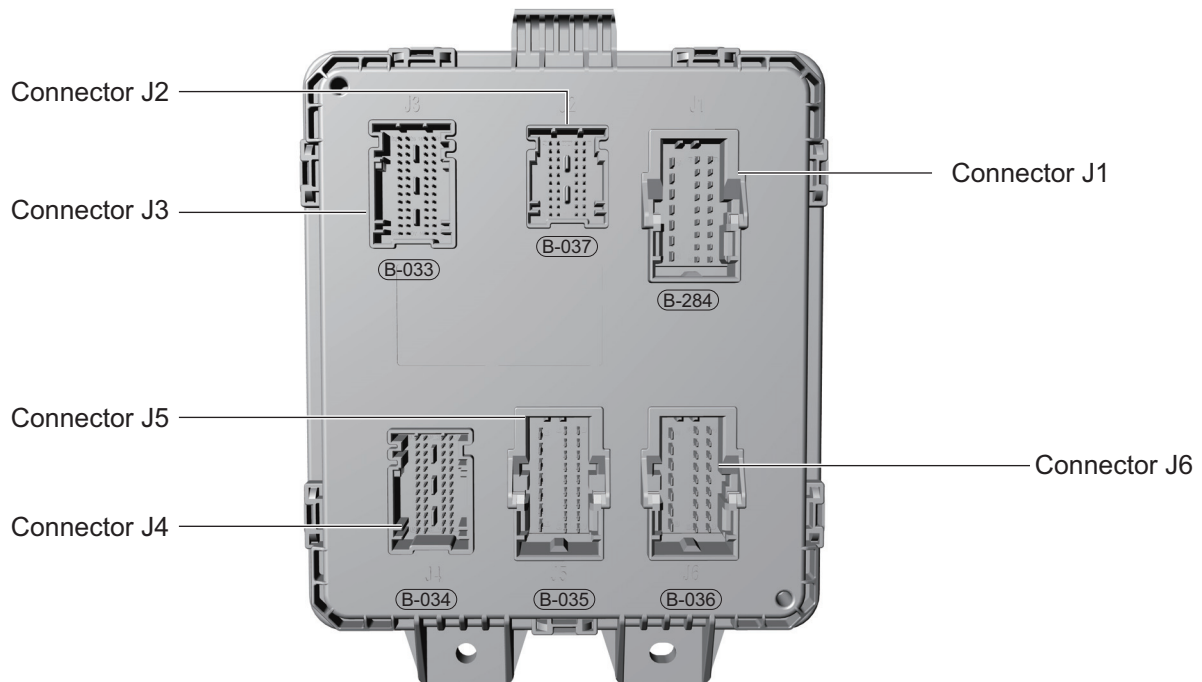
Airbag Control Module



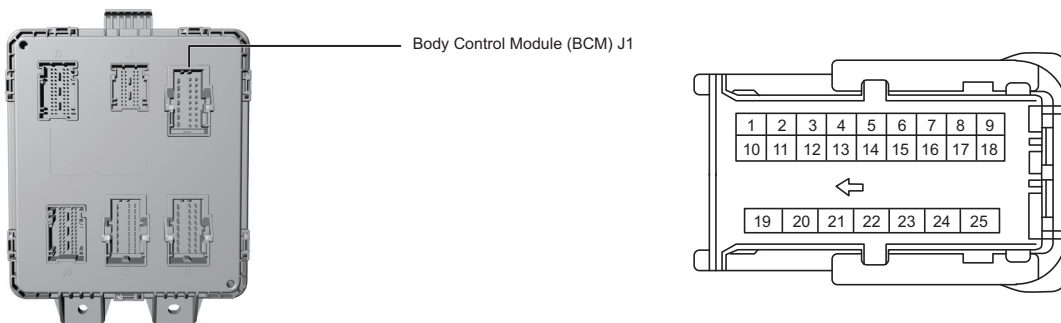
PIN	Definition	PIN	Definition
1	Front Left Seat Belt with Pretensioner (Retractor) (-)	28	-
2	CAN_H	29	-
3	CAN_L	30	Right Side Collision Sensor (+)
4	Driver Airbag (+)	31	Right Side Collision Sensor (-)
5	Driver Airbag (-)	32	Left Side Collision Sensor (-)
6	Front Passenger Weight Detection Sensor	33	Left Side Collision Sensor (+)
7	PAB Switch	34	Front Passenger Airbag (+)
8	Front Passenger Belt Buckle Switch	35	Front Right Seat Belt with Pretensioner (Retractor) (+)
9	Third Row Left Belt Buckle Switch	36	IGN Power Supply
10	Collision Output (ENS)	37	-
11	Ground	38	-
12	Front Left Collision Sensor (+)	39	Rear Left Seat Belt Pretensioner (Second Row) (-)
13	Front Left Collision Sensor (-)	40	Rear Left Seat Belt Pretensioner (Second Row) (+)
14	Front Right Collision Sensor (-)	41	Rear Right Seat Belt Pretensioner (Second Row) (+)
15	Front Right Collision Sensor (+)	42	Rear Right Seat Belt Pretensioner (Second Row) (-)
16	Front Passenger Airbag (-)	43	-
17	Front Right Seat Belt with Pretensioner (Retractor) (-)	44	-
18	Ground	45	-
19	Front Left Seat Belt with Pretensioner (Retractor) (+)	46	-
20	Left Curtain Shield Airbag (+)	47	-
21	Left Curtain Shield Airbag (-)	48	-
22	Front Left Seat Side Airbag (-)	49	-

PIN	Definition	PIN	Definition
23	Front Left Seat Side Airbag (+)	50	-
24	Second Row Middle Belt Buckle Switch	51	Front Right Seat Side Airbag (-)
25	Second Row Left Belt Buckle Switch	52	Front Right Seat Side Airbag (+)
26	Third Row Right Belt Buckle Switch	53	Right Curtain Shield Airbag (+)
27	Second Row Right Belt Buckle Switch	54	Right Curtain Shield Airbag (-)

Body Domain Control Module (BCM)

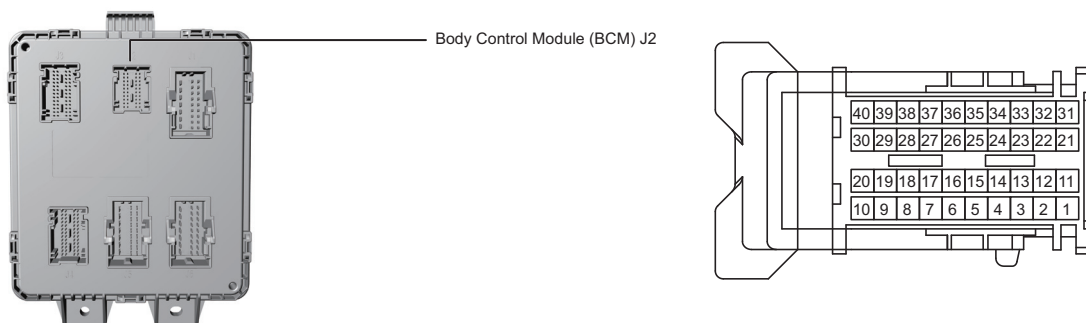


Body Control Module (BCM J1) Terminal Definition



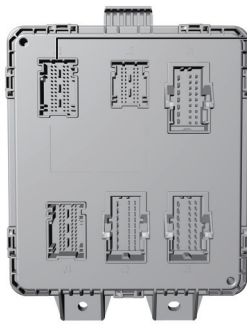
PIN	Definition	PIN	Definition
J1-1	Left High Beam Light Output	J1-14	Battery Save Output
J1-2	Left Daytime Running Light Output	J1-15	-
J1-3	-	J1-16	Front Left Door Unlock Output
J1-4	Front Right Fog Light Output	J1-17	Rear View Mirror Unfolding Output
J1-5	Rear Fog Light Output	J1-18	-
J1-6	-	J1-19	-
J1-7	-	J1-20	Door Lock Ground
J1-8	-	J1-21	Central Control Three-Door Unlock Output
J1-9	Rear View Mirror Folding Output	J1-22	Central control lock output
J1-10	Front Position Light Output	J1-23	-
J1-11	Left Low Beam Light Output	J1-24	Door Lock Power
J1-12	-	J1-25	-
J1-13	Front Left Fog Light Output		

Body Control Module (BCM J2) Terminal Definition

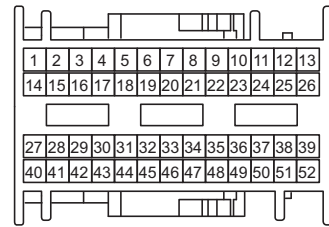


PIN	Definition	PIN	Definition
J2-1	-	J2-21	CAN1_L
J2-2	-	J2-22	LIN7
J2-3	LIN1	J2-23	LIN4
J2-4	Right Rear View Mirror Adjustment Output Common End	J2-24	LIN3
J2-5	Right Rear View Mirror Horizontal Adjustment Output	J2-25	-
J2-6	Left Rear View Mirror Horizontal Adjustment Output	J2-26	-
J2-7	Rear Right Door Switch	J2-27	-
J2-8	Rear Left Door Switch	J2-28	-
J2-9	Front Right Door Switch	J2-29	-
J2-10	Front Left Door Switch	J2-30	-
J2-11	Ground 2	J2-31	CAN1_H
J2-12	Brake Signal	J2-32	-
J2-13	LIN2	J2-33	-
J2-14	Right Rear View Mirror Vertical Adjustment Output	J2-34	-
J2-15	Left Rear View Mirror Vertical Adjustment Output	J2-35	Turn Light Flow Enable
J2-16	Left Rear View Mirror Adjustment Common End	J2-36	-
J2-17	Lock/Unlock	J2-37	-
J2-18	Trunk External Switch (Reserved)	J2-38	-
J2-19	Hood SW	J2-39	-
J2-20	Back Door SW	J2-40	-

Body Control Module (BCM J3) Terminal Definition



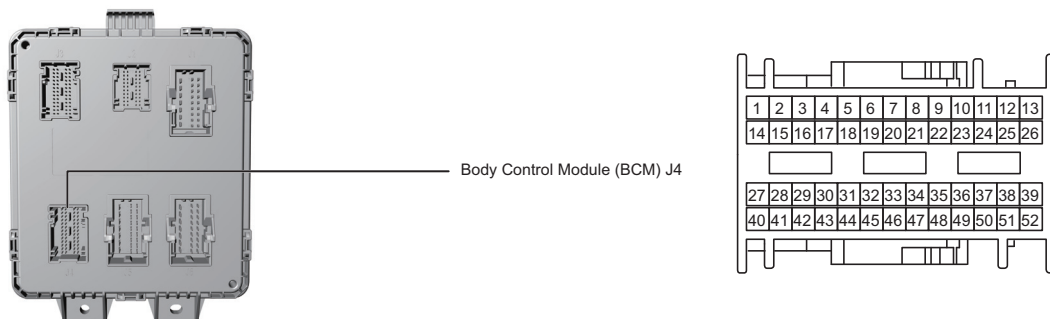
Body Control Module (BCM) J3



PIN	Definition	PIN	Definition
J3-1	-	J3-27	Rear Antenna
J3-2	-	J3-28	High Performance Antenna (Front Right)
J3-3	-	J3-29	High Performance Antenna (Front Left) +
J3-4	Driver Door Handle +	J3-30	Interior Front Antenna -
J3-5	LOGO Light Enable	J3-31	Rear bumper antenna +
J3-6	-	J3-32	Front Wiper Switch
J3-7	-	J3-33	-
J3-8	-	J3-34	Rear Right Position Light Feedback Wire
J3-9	IGN1	J3-35	Rear Left Position Light Feedback Wire
J3-10	Rear Wiper	J3-36	Front Right Turn Light Feedback Wire
J3-11	Rear Washer	J3-37	Front Left Turn Light Feedback Wire
J3-12	Horn Relay	J3-38	-
J3-13	Front Washer	J3-39	Rear Wiper Switch
J3-14	-	J3-40	Rear Antenna +
J3-15	Front Windshield Heating 1	J3-41	High Performance Antenna (Front Right) -
J3-16	-	J3-42	High Performance Antenna (Front Left) -
J3-17	-	J3-43	Interior Front Antenna +
J3-18	-	J3-44	Rear Bumper Antenna -
J3-19	-	J3-45	-
J3-20	-	J3-46	Rear Right Glass Switch
J3-21	-	J3-47	Rear Left Glass Switch
J3-22	-	J3-48	Front Right Glass Switch
J3-23	Front Windshield Heating 2	J3-49	-

PIN	Definition	PIN	Definition
J3-24	Wiper Low Speed	J3-50	-
J3-25	Rear Windshield Heating	J3-51	-
J3-26	Wiper High Speed	J3-52	-

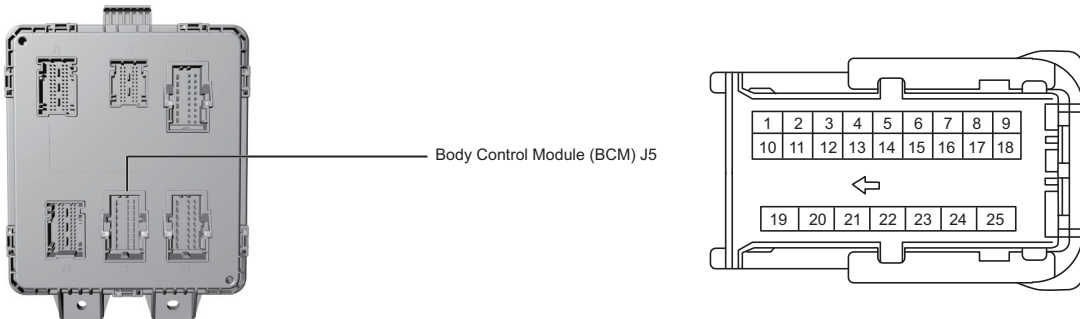
Body Control Module (BCM J4) Terminal Definition



PIN	Definition	PIN	Definition
J4-1	Ground	J4-27	-
J4-2	-	J4-28	-
J4-3	-	J4-29	-
J4-4	-	J4-30	-
J4-5	-	J4-31	-
J4-6	-	J4-32	Engine (One Side with Switch) 2
J4-7	Backlight	J4-33	Engine (One Side with Switch) 1
J4-8	-	J4-34	Power Supply
J4-9	Hazard Hint	J4-35	ACC
J4-10	-	J4-36	-
J4-11	-	J4-37	Horn Switch
J4-12	-	J4-38	Hazard
J4-13	-	J4-39	-
J4-14	Crash In	J4-40	-
J4-15	-	J4-41	-
J4-16	-	J4-42	ST_FB
J4-17	IGN1 FB	J4-43	Steering Wheel Heating NTC
J4-18	-	J4-44	-
J4-19	-	J4-45	-
J4-20	-	J4-46	-
J4-21	-	J4-47	-
J4-22	Steering Wheel Heating	J4-48	-
J4-23	-	J4-49	-

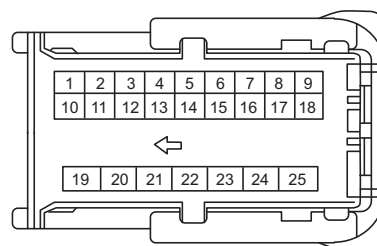
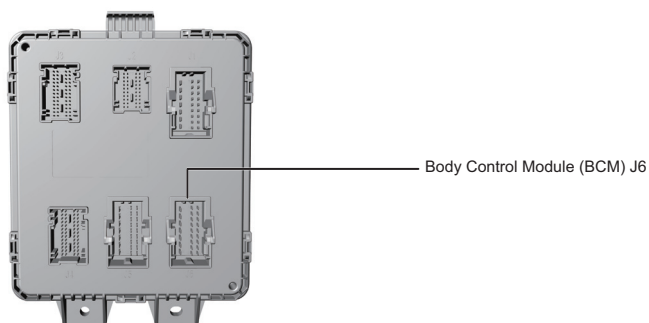
PIN	Definition	PIN	Definition
J4-24	-	J4-50	-
J4-25	-	J4-51	-
J4-26	LIN5	J4-52	-

Body Control Module (BCM J5) Terminal Definition



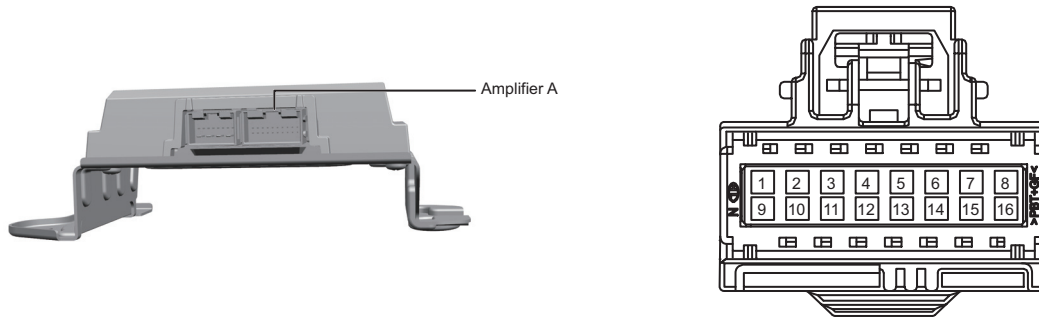
PIN	Definition	PIN	Definition
J5-1	Nozzle Heating Output	J5-14	-
J5-2	Right Turn Light Output	J5-15	-
J5-3	-	J5-16	Ambient Light
J5-4	LOGO lamp	J5-17	-
J5-5	-	J5-18	-
J5-6	Ambient Light	J5-19	Front Left Glass Up
J5-7	-	J5-20	Power Supply
J5-8	-	J5-21	Rear Right Glass Up
J5-9	Ground	J5-22	-
J5-10	Left Turn Light Output	J5-23	Rear Right Glass Down
J5-11	-	J5-24	Front Left Glass Down
J5-12	-	J5-25	Ground
J5-13	-		

Body Control Module (BCM J6) Terminal Definition



PIN	Definition	PIN	Definition
J6-1	Rear Position Light and License Light Output	J6-14	Door Scuff Plate Light FR
J6-2	Right High Beam Light Output	J6-15	Dome Light Output
J6-3	Brake Light Output	J6-16	Foot Light Output
J6-4	Back-up Light Output	J6-17	High Mounted Stop Light Output
J6-5	-	J6-18	-
J6-6	Ground	J6-19	Rear Left Window Adjustment +
J6-7	Backlight Adjustment Output	J6-20	Power Supply
J6-8	Trunk Light Output	J6-21	Rear Right Window Adjustment +
J6-9	Headlight Leveling Output	J6-22	-
J6-10	Right Low Beam Light Output	J6-23	Rear Right Window Adjustment -
J6-11	Right Daytime Running Light Output	J6-24	Rear Left Window Adjustment -
J6-12	Front Left Door Scuff Plate Light	J6-25	Ground
J6-13	-		

Amplifier A Terminal Definition



PIN	Definition	PIN	Definition
A1	RR+	A9	RR-
A2	Midrange Speaker +	A10	Midrange Speaker -
A3	Left Surround +	A11	Left Surround -
A4	Right Surround +	A12	Right Surround -
A5	Front Left and Right Surround +	A13	Front Left and Right Surround -
A6	Rear Left and Right Surround +	A14	Rear Left and Right Surround -
A7	Head Restraint Speaker +	A15	Head Restraint Speaker -
A8	CANH	A16	CANL

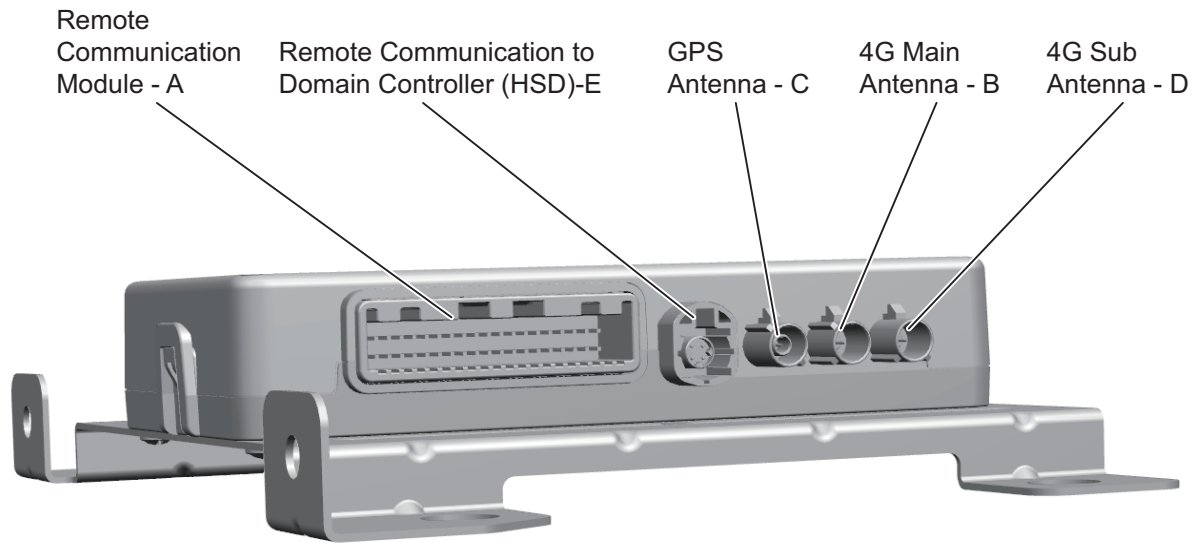
Amplifier B Terminal Definition

09



PIN	Definition	PIN	Definition
B1	-	B9	-
B2	RL+	B10	RL-
B3	FR+	B11	FR-
B4	FL+	B12	FL-
B5	Rear Right Speaker +	B13	Rear Right Speaker -
B6	Rear Left Speaker +	B14	Rear Left Speaker -
B7	Front Right Speaker +	B15	Front Right Speaker -
B8	Front Left Speaker +	B16	Front Left Speaker -

Information Communication Module

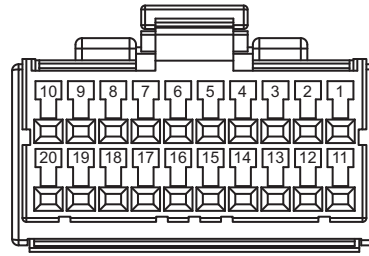
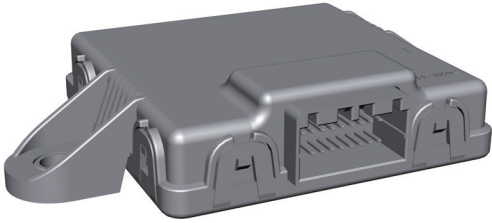


Information Communication Module Terminal Definition



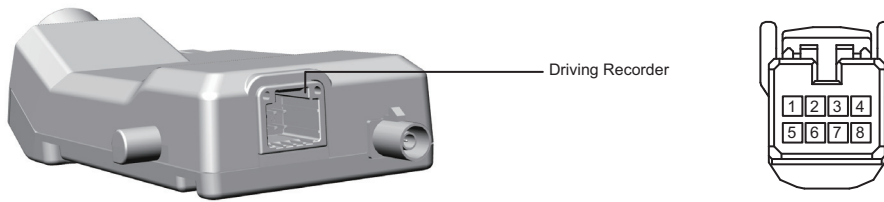
PIN	Definition	PIN	Definition
1	Power Supply	21	-
2	SOS Power Supply	22	-
3	Ground	23	Ground
4	LED light controlling SOS ON/OFF	24	-
5	MIC Shield Ground	25	MIC Output Signal
6	MIC Power Supply Input	26	MIC Ground
7	Audio Signal Shield Ground	27	-
8	Audio Signal+	28	Audio Signal -
9	Speaker +	29	Speaker -
10	ECALL Switch Ground	30	ECALL Button Signal
11	Airbag Collision Signal	31	-
12	-	32	Mute
13	-	33	LED_Red Indicator
14	-	34	LED_Green Indicator
15	-	35	-
16	LIN	36	-
17	-	37	-
18	-	38	-
19	CANH	39	CANL
20	Power Supply	40	Ground

Gateway Module Terminal Definition



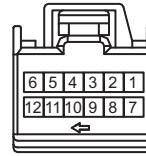
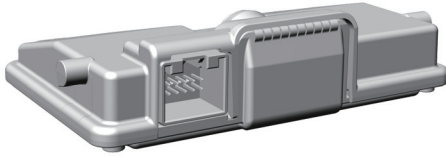
PIN	Definition	PIN	Definition
1	Body CANH	11	Body CANL
2	Power CANH	12	Power CANL
3	Chassis CANH	13	Chassis CANL
4	-	14	-
5	Information Entertainment CANH	15	Information Entertainment CANL
6	Diagnostic CANH	16	Diagnostic CANL
7	Support CANL	17	LIN
8	Support CANH	18	Power Supply
9	Intelligent Drive Assist CANL	19	Power Supply
10	Intelligent Drive Assist CANH	20	Ground

Drive Recorder Terminal Definition



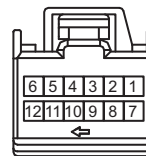
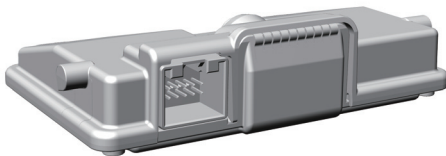
PIN	Definition	PIN	Definition
1	Battery Positive	5	Ground
2	IGN	6	-
3	CAN_H	7	CAN_L
4	-	8	-

Front Camera A Terminal Definition



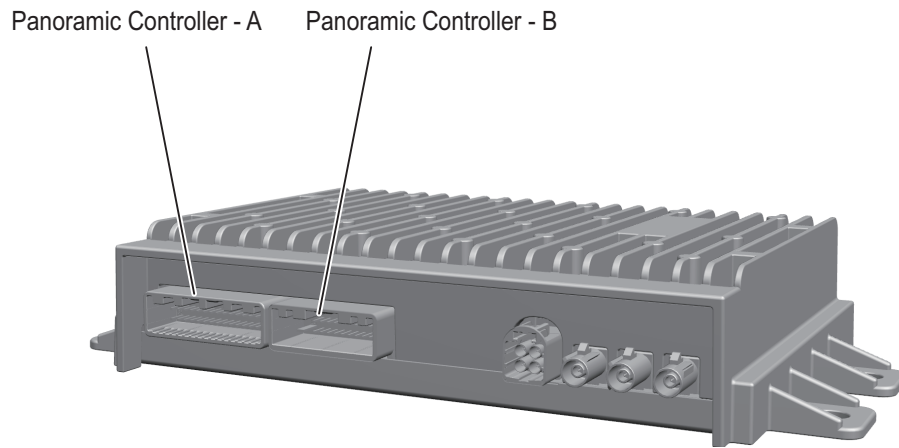
PIN	Definition	PIN	Definition
1	Internal CAN L	7	Internal CAN H
2	C-CAN L	8	C-CAN H
3	-	9	Power Supply
4	-	10	-
5	Ground	11	-
6	Power Supply	12	-

Front Camera B Terminal Definition

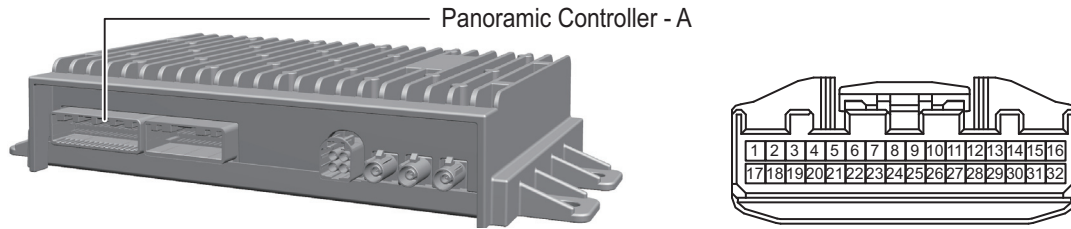


PIN	Definition	PIN	Definition
1	-	11	-
2	-	12	Power Supply
3	-	13	CAN2L
4	-	14	CAN2H
5	Power Supply	15	-
6	Ground	16	-
7	CANL	17	-
8	CANH	18	-
9	ETH-L	19	CANL
10	ETH-H	20	CANH

Panoramic Controller (with APA)

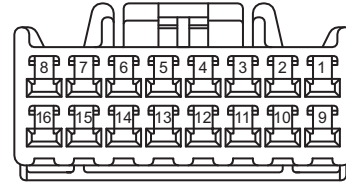
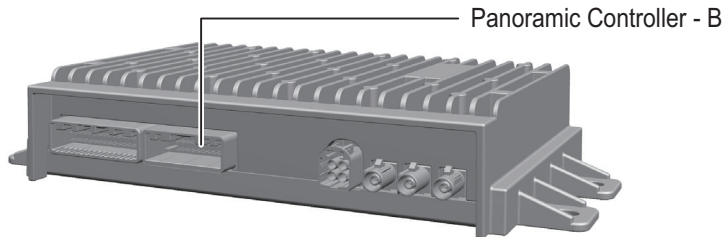


Panoramic Controller (with APA) - A Terminal Definition



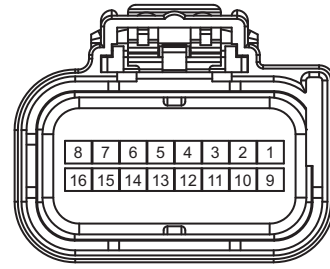
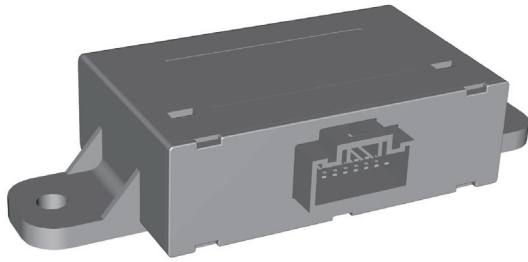
PIN	Definition	PIN	Definition
A1	CANL	A17	-
A2	CANL	A18	-
A3	-	A19	-
A4	-	A20	-
A5	-	A21	-
A6	-	A22	-
A7	-	A23	-
A8	-	A24	-
A9	-	A25	-
A10	-	A26	-
A11	-	A27	-
A12	CANH	A28	CANL
A13	Power Supply	A29	-
A14	Ground	A30	Ground
A15	-	A31	-
A16	Power Supply	A32	Power Supply

Panoramic Controller (with APA) - B Terminal Definition



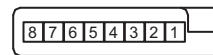
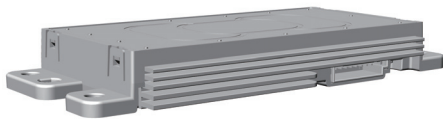
PIN	Definition	PIN	Definition
B1	Signal	B11	Signal
B2	Signal	B12	Signal
B3	Signal	B13	Signal
B4	Signal	B14	Signal
B5	Signal	B15	Signal
B6	Signal	B16	-
B7	-	B17	Sensor Ground
B8	Power Supply	B18	Sensor Ground
B9	Power Supply	B19	-
B10	Signal	B20	-

Parking Radar Controller Terminal Definition



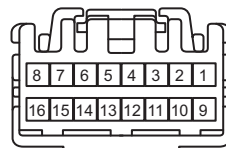
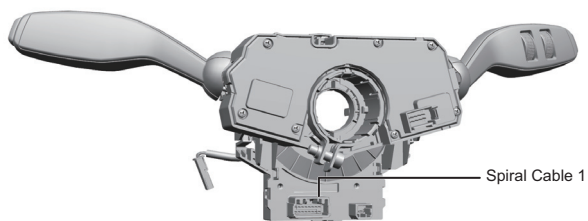
PIN	Definition	PIN	Definition
1	Power Supply	9	Radar Sensor Ground
2	-	10	Radar Sensor Power
3	-	11	-
4	Front Left Side Reversing Radar Signal	12	CANH
5	Front Right Center Reversing Radar Signal	13	Front Left Center Reversing Radar Signal
6	Front Right Side Reversing Radar Signal	14	-
7	Rear Right Center Reversing Radar Signal	15	CANL
8	Rear Left Center Reversing Radar Signal	16	Rear Left Side Reversing Radar Signal

Wireless Charging Module Terminal Definition



PIN	Definition	PIN	Definition
1	Power Supply	5	I-CAN H
2	Power Supply	6	I-CAN L
3	-	7	-
4	Ground	8	-

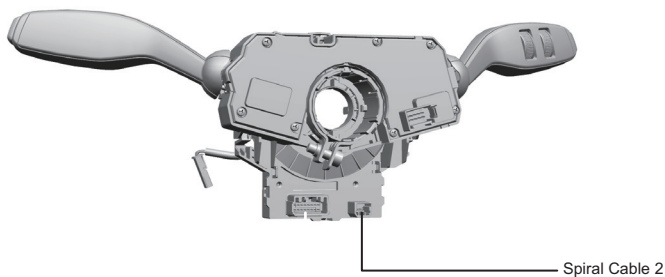
Spiral Cable 1 Terminal Definition



PIN	Definition	PIN	Definition
1-1	Airbag +	1-9	Airbag +
1-2	-	1-10	Power Supply
1-3	-	1-11	LIN
1-4	-	1-12	Ground
1-5	-	1-13	-
1-6	-	1-14	Horn Switch
1-7	-	1-15	NTC +
1-8	-	1-16	NTC -

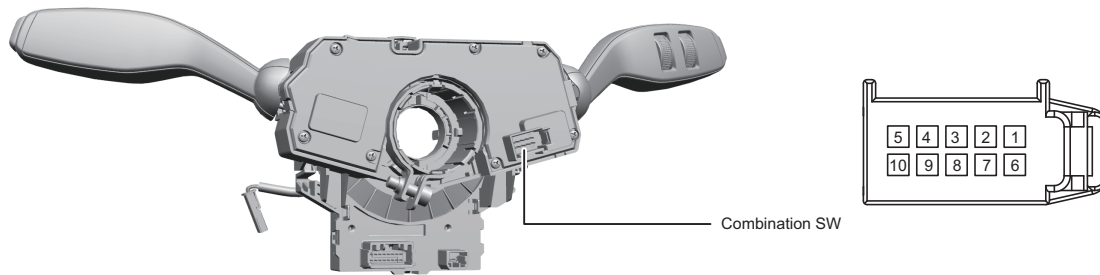
Spiral Cable 2 Terminal Definition

09



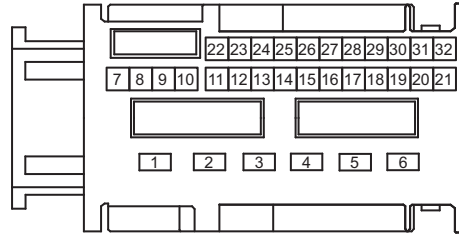
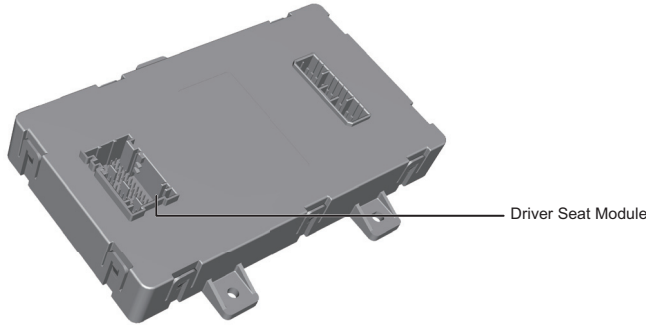
PIN	Definition	PIN	Definition
2-1	Heating -	2-2	Heating +

Combination Switch (Lighting/Wiper Switch) (SCM) Terminal Definition



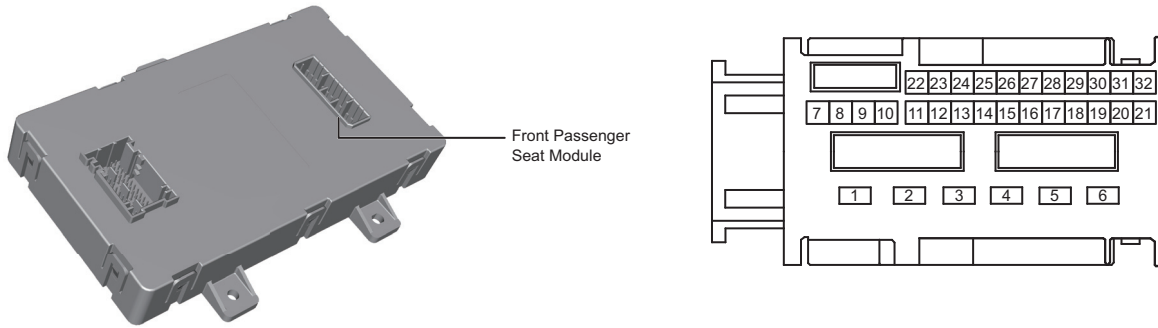
PIN	Definition	PIN	Definition
1	Power Supply	6	Ground
2	-	7	-
3	-	8	-
4	-	9	CANL
5	Power Supply	10	CANH

Driver Seat Module Terminal Definition



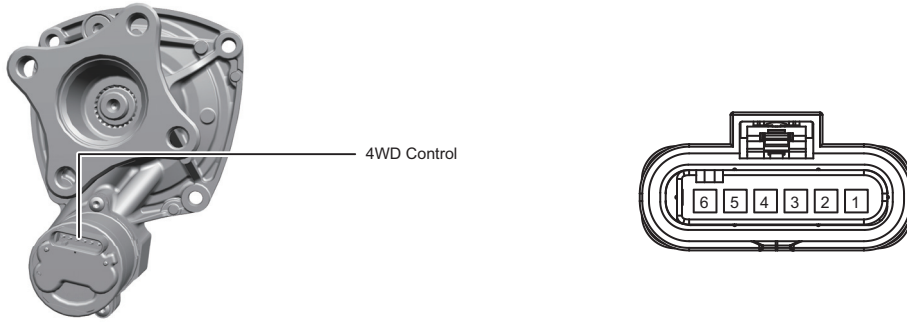
PIN	Definition	PIN	Definition
1	Left Rear View Mirror Left/Right Adjustment Signal	17	Front Left Seatback Adjustment
2	Right Rear View Mirror Left/Right Adjustment Signal	18	IGN
3	Power Supply	19	Left Rear View Mirror Signal
4	Left Rear View Mirror Up/Down Adjustment Signal	20	Clip +
5	Right Rear View Mirror Up/Down Adjustment Signal	21	Clip -
6	Ground	22	Left Rear View Mirror Ground
7	Airbag +	23	Massage LIN
8	Airbag -	24	Left Rear View Mirror Signal
9	-	25	Left Rear View Mirror Ground
10	-	26	IGN
11	CANH	27	Seat Speaker -
12	CANL	28	Seat Speaker +
13	Front Right Seat Ground	29	Rear View Mirror Power Supply
14	Front Right Seat BAT	30	Right Rear View Mirror Signal
15	Front Right Seat Heating -	31	Right Rear View Mirror Signal
16	Front Right Seat Heating +	32	Right Rear View Mirror Ground

Front Passenger Seat Terminal Definition



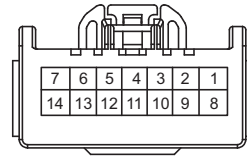
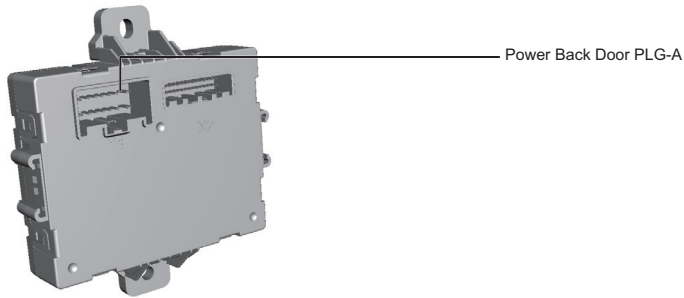
PIN	Definition	PIN	Definition
1	-	17	Front Left Seatback Adjustment
2	-	18	IGN
3	Power Supply	19	Ground
4	-	20	Clip +
5	-	21	Clip -
6	Ground	22	Power Supply
7	Airbag +	23	Massage LIN
8	Airbag -	24	Ground
9	-	25	-
10	-	26	-
11	CANH	27	Height Adjustment
12	CANL	28	Ground
13	Front Right Seat Ground	29	Seatback Adjustment
14	Front Right Seat BAT	30	Cushion Adjustment
15	Front Right Seat Heating -	31	SBR +
16	Front Right Seat Heating +	32	SBR -

Torque Manager Terminal Definition



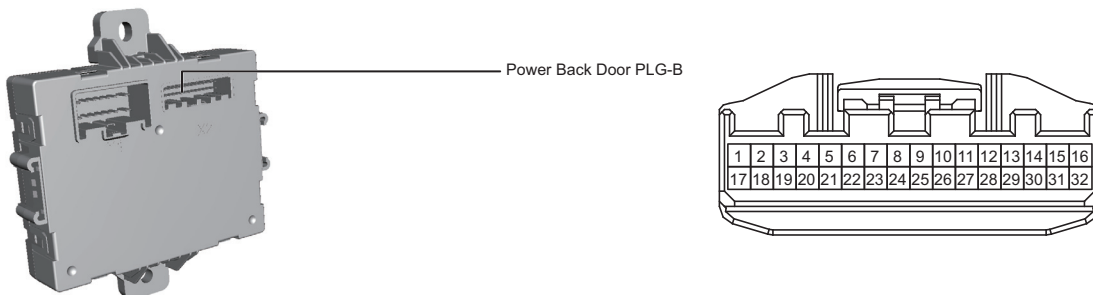
PIN	Definition	PIN	Definition
1	Ground	4	CANH
2	-	5	IGN
3	CANL	6	Power Supply

Back Door Controller - A Terminal Definition



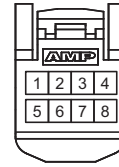
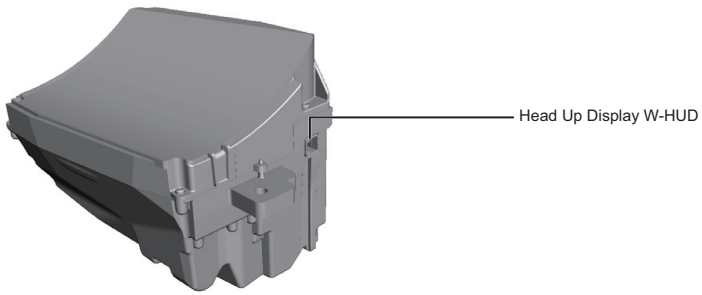
PIN	Definition	PIN	Definition
A1	Power	A8	-
A2	-	A9	Digital Power Supply
A3	-	A10	-
A4	Left Support Rod ON	A11	Left Support Rod OFF
A5	Engage Lock ON	A12	Engage Lock OFF
A6	-	A13	-
A7	Power Ground	A14	-

Back Door Controller - B Terminal Definition



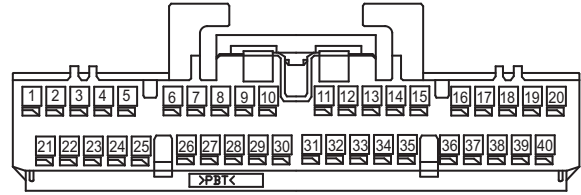
PIN	Definition	PIN	Definition
B1	-	B17	LIN
B2	Outside Handle Switch	B18	-
B3	Back Door Close Switch	B19	-
B4	-	B20	-
B5	-	B21	-
B6	Digital Ground	B22	-
B7	Full Lock Switch	B23	PEPS Key Detection
B8	-	B24	-
B9	Return Switch	B25	Left Support Rod Signal 2
B10	Half Lock Switch	B26	Left Support Rod Signal 1
B11	-	B27	Left Support Rod Power Supply
B12	-	B28	Signal Ground
B13	-	B29	-
B14	-	B30	-
B15	-	B31	-
B16	CAN_H	B32	CAN_L

Head Up Display W-HUD Terminal Definition



PIN	Definition	PIN	Definition
1	GND	5	KL30
2	KL15	6	-
3	CAN-H	7	CAN-L
4	-	8	-

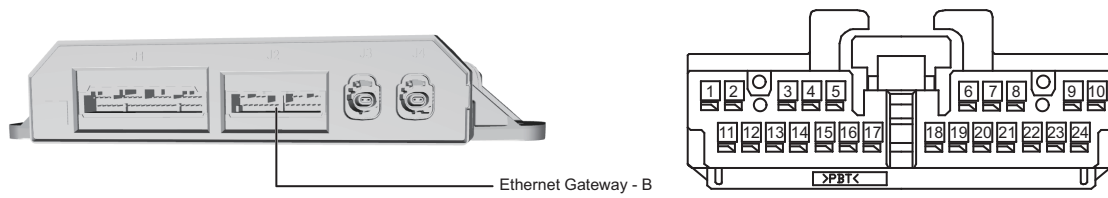
Ethernet Gateway - A Module Terminal Definition



PIN	Definition	PIN	Definition
1	RXN	21	-
2	RXP	22	-
3	-	23	TXN
4	-	24	TXP
5	-	25	-
6	Intelligent Assist CANH	26	Intelligent Assist CANL
7	Support CANL	27	Support CANH
8	Diagnostic CANH	28	Diagnostic CANL
9	Entertainment CANH	29	Entertainment CANL
10	-	30	-
11	Chassis CANH	31	Chassis CANL
12	Power CANL	32	Power CANH
13	Body CANH	33	Body CANL
14	-	34	-
15	Power Supply	35	CN
16	LIN	36	-
17	-	37	-
18	-	38	-
19	-	39	Ground
20	Power Supply	40	-

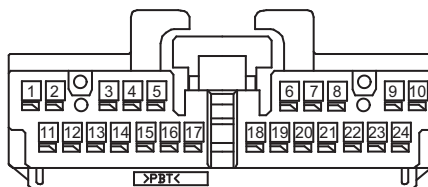
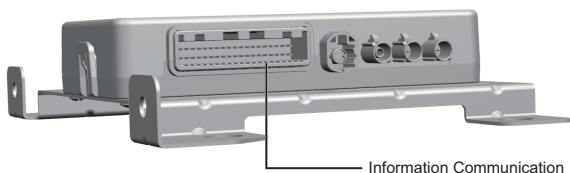
09

Ethernet Gateway - B Module Terminal Definition



PIN	Definition	PIN	Definition
1	-	13	-
2	-	14	-
3	-	15	-
4	-	16	-
5	-	17	-
6	-	18	-
7	Radar CANL	19	-
8	Radar CANH	20	-
9	-	21	-
10	-	22	-
11	-	23	Front Camera CANL
12	-	24	Front Camera CANH

Information Communication Module Terminal Definition



PIN	Definition	PIN	Definition
1	Power Supply	21	-
2	VLED	22	-
3	Ground	23	Ground
4	Call BTN BL	24	-
5	MIC Shield Ground	25	MIC Output Signal
6	MIC Power Supply Input	26	MIC Ground
7	Audio Head Unit Ground	27	-
8	Signal +	28	Signal -
9	Speaker +	29	Speaker -
10	Call BTN Ground	30	Call BTN
11	Collision signal	31	-
12	-	32	Mute
13	-	33	Red Light
14	-	34	Green Light
15	-	35	-
16	LIN	36	-
17	-	37	-
18	-	38	-
19	CANL	39	CANH
20	Power Supply	40	Ground

09

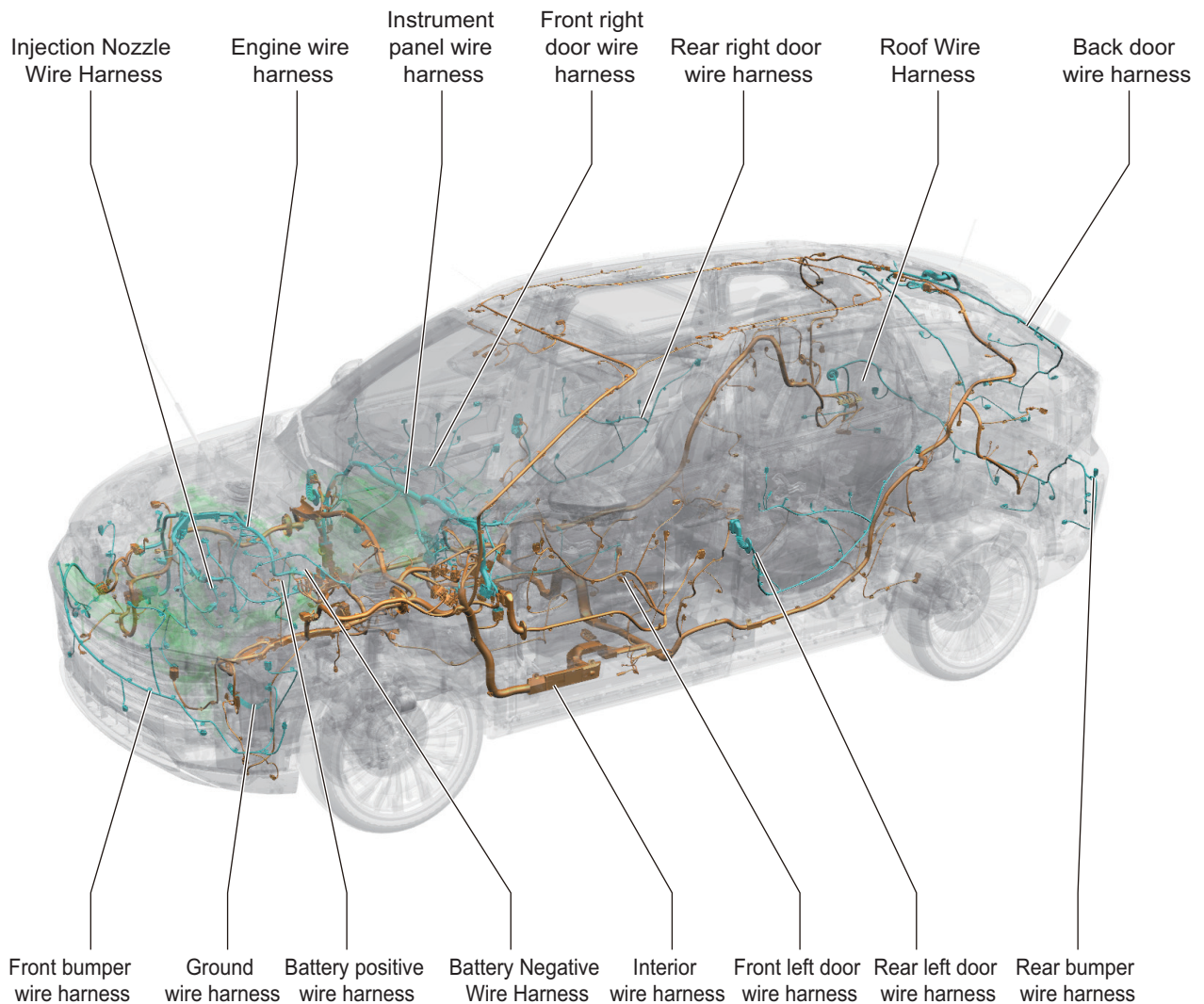
Wire Harness Location Diagram

General Description

This section introduces the position information of vehicle wire harness and electrical components in form of graphics. Each part of vehicle wire harness has a specific color to distinguish different wire harnesses. However, the color does not represent the true color of wire harness.

Wire Harness Position Diagram Distribution

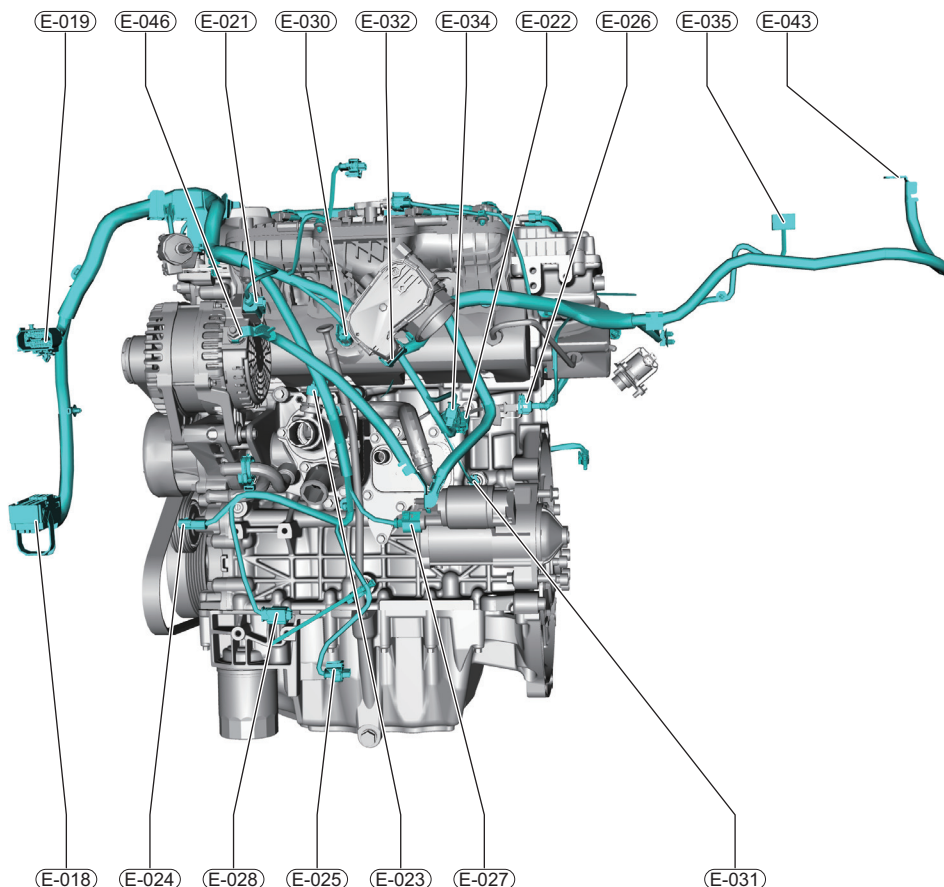
Vehicle Wire Harness Layout



10

WHE000001

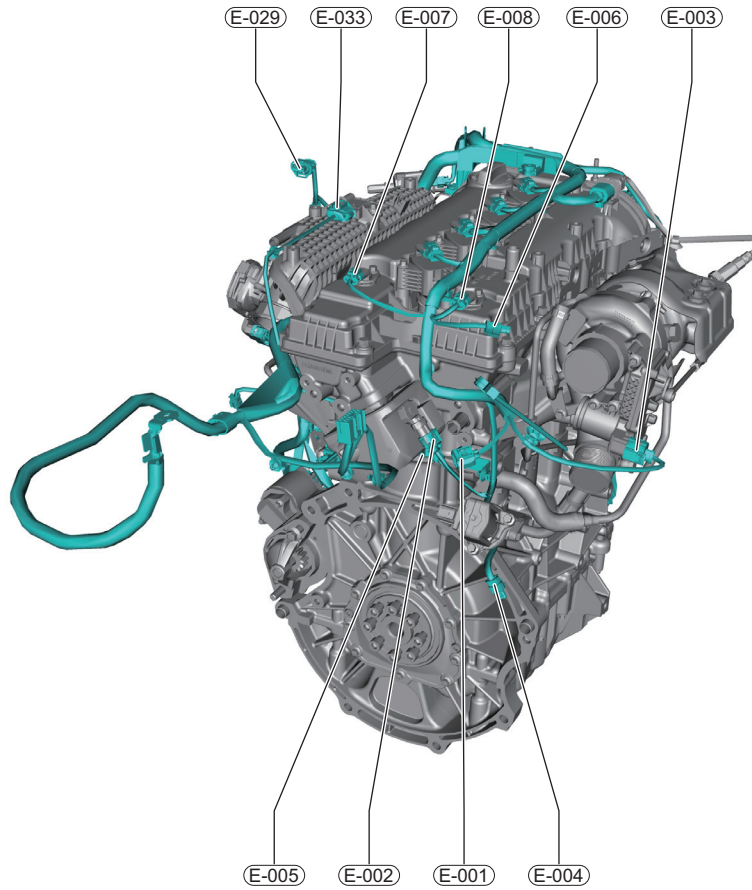
2.0T Engine Wire Harness



WHE001001

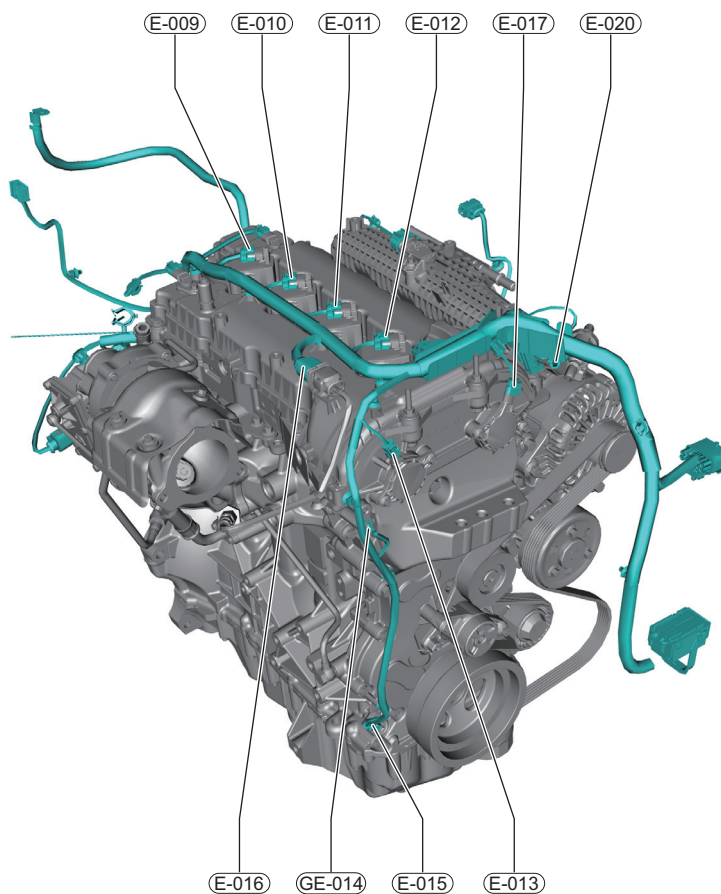
Connector Number	Connector Color/Pin	Connector Name
E-018	B/95	ECU-B
E-019	B/44	Engine Harness Connected to Interior Floor Wire Harness
E-021	B/2	Alternator Excitation
E-022	B/10	Engine Wire to Injection Nozzle Wire
E-023	Gr/2	Electronic Thermostat
E-024	B/2	Compressor Clutch
E-025	B/4	Boost Pressure Sensor
E-026	B/3	Knock Sensor
E-027	B/1	Starter
E-028	B/2	External Control Compressor Solenoid Valve
E-030	B/3	Fuel Rail Pressure Sensor
E-031	B/1	Oil Pressure Sensor
E-032	B/6	Electronic Throttle
E-034	B/2	Water Temperature Sensor 2
E-035	W/12	Engine Compartment Fuse and Relay Box Connector D

Connector Number	Connector Color/Pin	Connector Name
E-043	/1	PFB-ST
E-046	/1	Generator



WHE002001

Connector Number	Connector Color/Pin	Connector Name
E-001	B/2	ERCV Relief Valve
E-002	B/2	High Pressure Fuel Pump
E-003	Br/6	Electronic Waste Gate
E-004	B/3	Speed Sensor
E-005	B/2	Coolant Temperature Sensor 1
E-006	B/2	Crankcase Ventilation Heating Valve
E-007	B/3	Intake Camshaft Phaser Sensor
E-008	B/3	Exhaust Camshaft Phaser Sensor
E-029	B/3	Canister Desorption Pressure Sensor
E-033	B/4	Intake Temperature Pressure Sensor



WHE003001

Connector Number	Connector Color/Pin	Connector Name
E-009	B/4	Ignition Coil 4
E-010	B/4	Ignition Coil 3
E-011	B/4	Ignition Coil 2
E-012	B/4	Ignition Coil 1
E-013	B/2	Exhaust Phaser Solenoid Valve
GE-014	/1	Ground
E-015	B/2	Variable Oil Pump
E-016	B/6	Upstream Oxygen Sensor
E-017	B/2	Intake Phaser Solenoid Valve
E-020	B/2	Canister Solenoid Valve

10

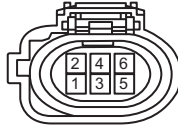
Engine Wire Harness Connector List



E-001
B
ERCV Pressure Relief Valve



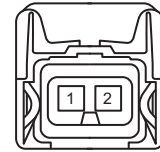
E-002
B
High Pressure Fuel Pump



E-003
Br
Electronic Exhaust Valve



E-004
B
Speed Sensor



E-005
B
Water Temperature Sensor 1



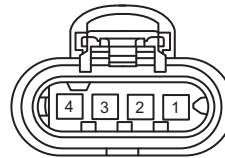
E-006
B
Crankcase Ventilation Heating Valve



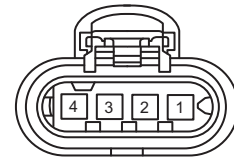
E-007
B
Intake Camshaft Phase Sensor



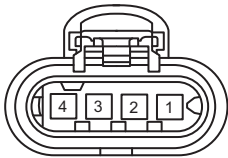
E-008
B
Exhaust Camshaft Phase Sensor



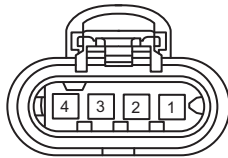
E-009
B
Ignition Coil 4



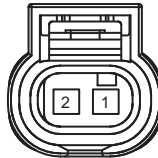
E-010
B
Ignition Coil 3



E-011
B
Ignition Coil 2



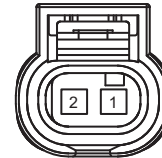
E-012
B
Ignition Coil 1



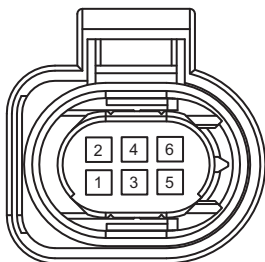
E-013
B
Exhaust Phase Solenoid Valve



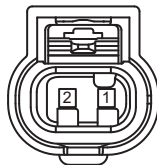
GE-014
Ground



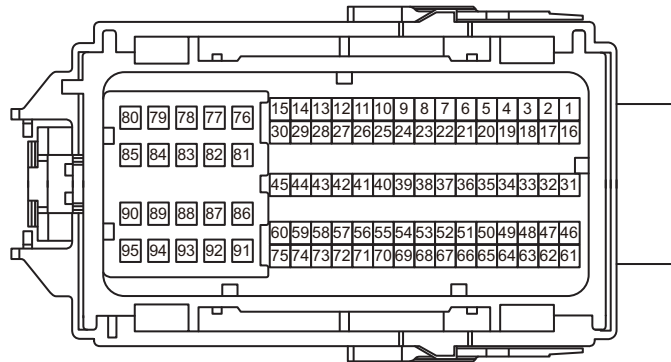
E-015
B
Variable Oil Pump



E-016
B
Upstream Oxygen Sensor



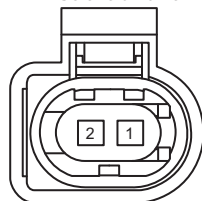
E-017
B
Intake Phase Solenoid Valve



E-018
B
ECU-B

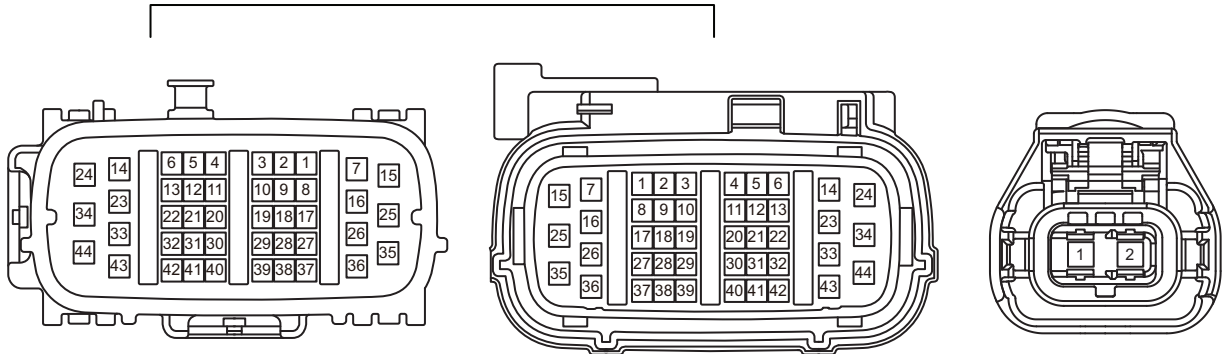


E-020
B
Charcoal Canister Solenoid Valve



E-021
B
Generator Excitation

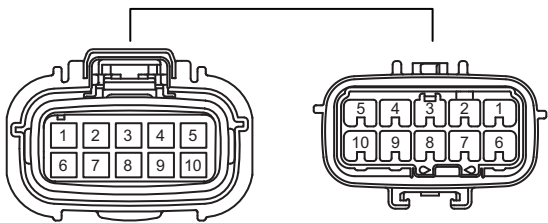
EPU001001



(E-019)
B
Engine Wire Harness to
Interior Floor Wire Harness

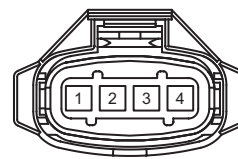
(B-011)
B
Interior Floor Wire Harness
to Engine Wire Harness

(E-023)
Gr
Electronic Thermostat

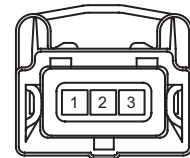


(E-022)
B
Engine Wire Harness to
Injection Nozzle Wire Harness

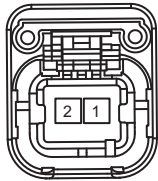
(E-036)
B
Injection Nozzle Wire Harness
to Engine Wire Harness



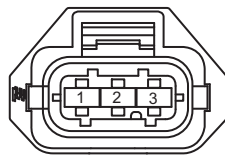
(E-025)
B
Boost Pressure Sensor



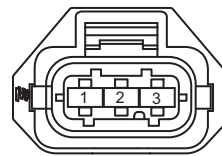
(E-026)
B
Knock Sensor



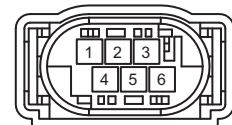
(E-028)
B
Compressor External
Control Valve



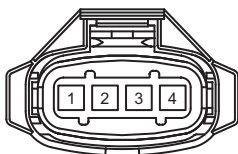
(E-029)
B
Canister Desorption
Pressure Sensor



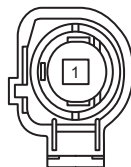
(E-030)
B
Fuel Rail Pressure Sensor



(E-032)
B
Electronic Throttle



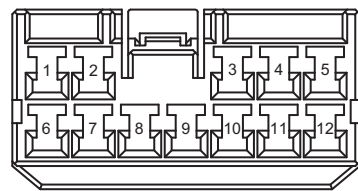
(E-033)
B
Intake Temperature &
Pressure Sensor



(E-027)
B
Starter



(E-034)
B
Water Temperature
Sensor 2



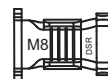
(E-035)
W
Engine Compartment Fuse and
Relay Box Connector D



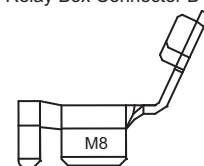
(E-024)
B
Compressor
Clutch



(E-031)
B
Oil Pressure Sensor



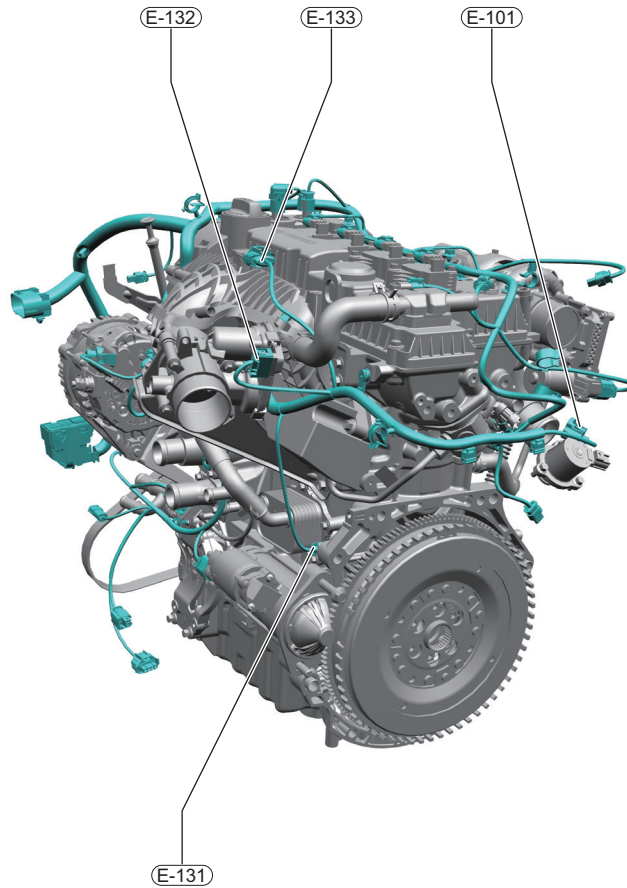
(E-043)
PFB-ST



(E-046)
Generator

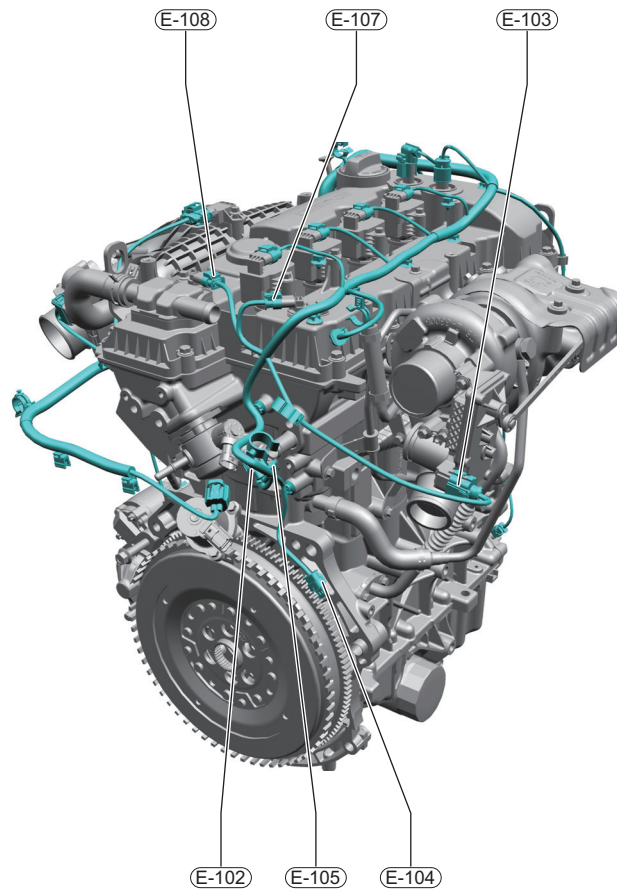
EPU002001

1.6T Engine Wire Harness



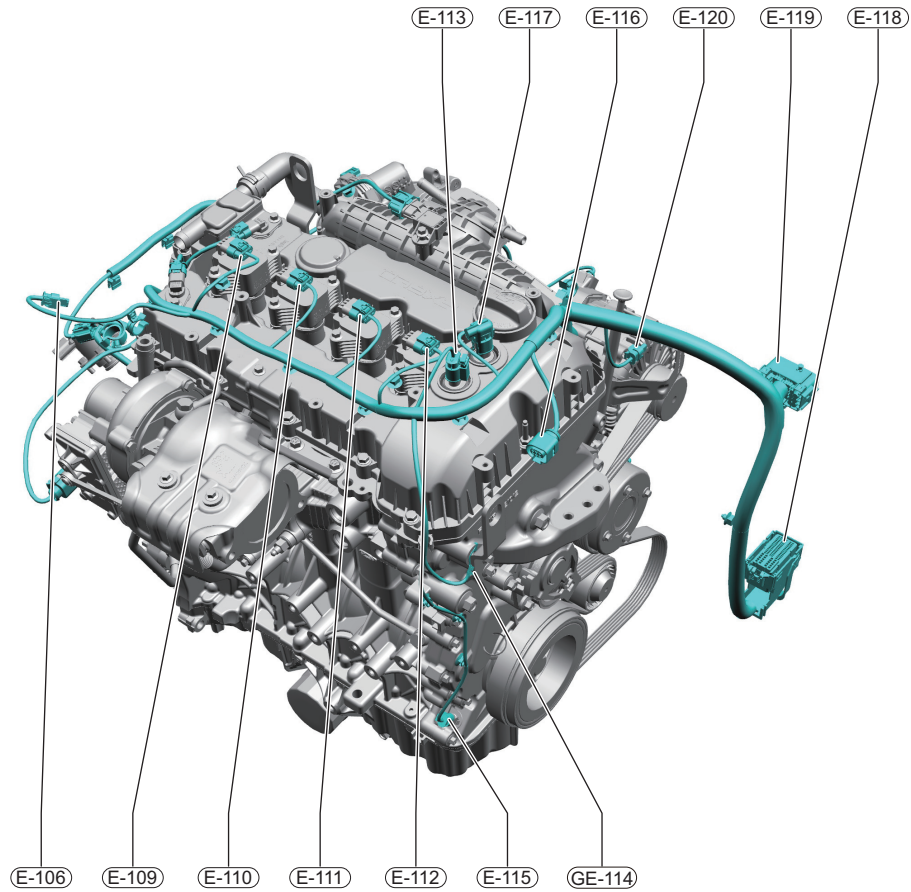
WHE001002

Connector Number	Connector Color/Pin	Connector Name
E-101	B/2	ERCV Relief Valve
E-131	B/1	Oil Pressure Switch
E-132	B/6	Electronic Throttle
E-133	B/3	Intake Temperature Pressure Sensor



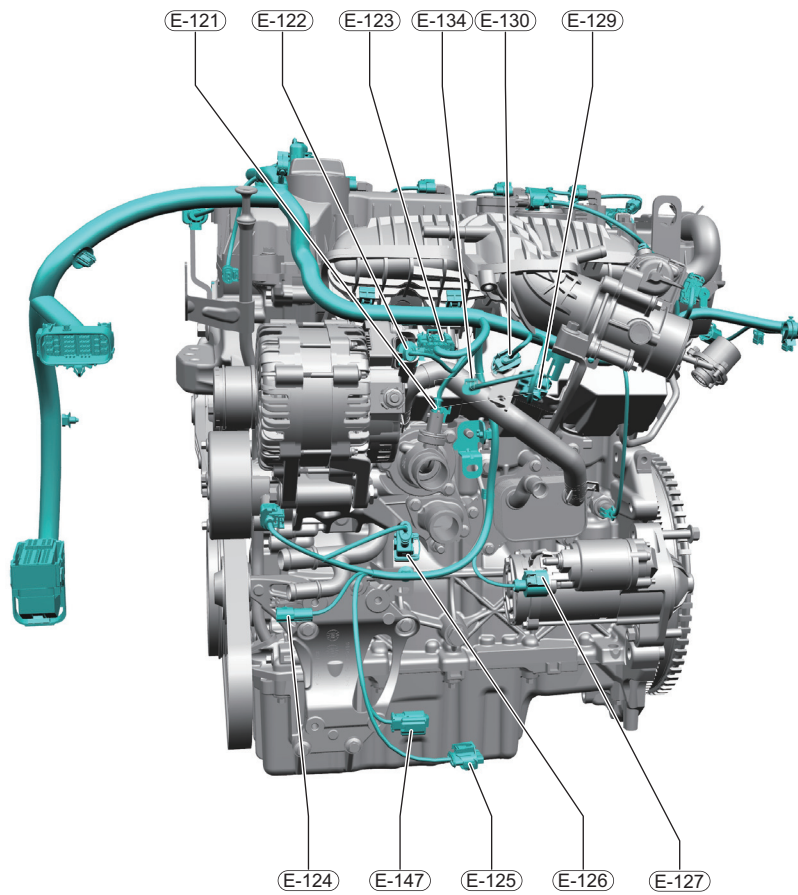
WHE002002

Connector Number	Connector Color/Pin	Connector Name
E-102	B/2	High Pressure Fuel Pump
E-103	B/2	Electronic Waste Gate
E-104	B/3	Speed Sensor
E-105	B/2	Water Temperature Sensor 1
E-107	B/2	Intake Camshaft Phaser Sensor
E-108	B/2	Exhaust Camshaft Phaser Sensor



WHE003002

Connector Number	Connector Color/Pin	Connector Name
E-106	B/2	Crankcase Ventilation Heating Valve
E-109	B/4	Ignition Coil - 4
E-110	B/4	Ignition Coil - 3
E-111	B/4	Ignition Coil - 2
E-112	B/4	Ignition Coil - 1
E-113	B/3	Exhaust Phaser Solenoid Valve
E-115	B/2	Variable Oil Pump
E-116	B/6	Upstream Oxygen Sensor
E-117	B/3	Intake Phaser Solenoid Valve
E-118	B/60	ECU (B)
E-119	B/44	Engine to Interior Wire Harness
E-120	B/2	Canister Solenoid Valve
GE-114	-	Ground Point G1.11



WHE003003

Connector Number	Connector Color/Pin	Connector Name
E-121	B/2	Alternator Excitation
E-122	B/10	Engine Wire to Injection Nozzle Wire
E-123	Gr/2	Electronic Thermostat
E-124	B/2	Compressor Clutch
E-125	B/4	Boost Pressure Sensor
E-126	B/3	Knock Sensor
E-127	B/1	Starter Coil
E-129	B/4	Canister Desorption Pressure Sensor
E-130	B/3	Fuel Rail Pressure Sensor
E-134	B/2	Water Temp Sensor 2
E-147	B/2	ECV

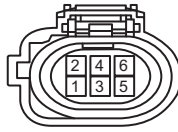
1.6T Engine Wire Harness Connector List



E-101
B
ERCV Pressure Relief Valve



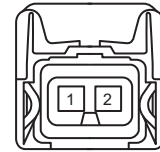
E-102
B
High Pressure Fuel Pump



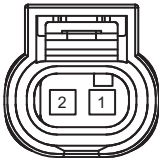
E-103
Br
Electronic Exhaust Valve



E-104
B
Speed Sensor



E-105
B
Water Temperature Sensor 1



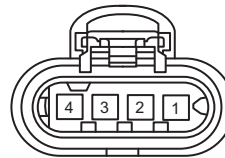
E-106
B
Crankcase Ventilation Heating Valve



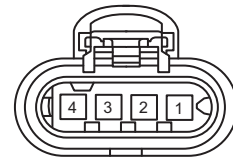
E-107
B
Intake Camshaft Phase Sensor



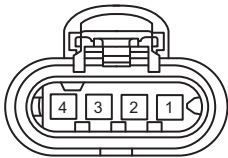
E-108
B
Exhaust Camshaft Phase Sensor



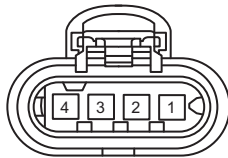
E-109
B
Ignition Coil 4



E-110
B
Ignition Coil 3



E-111
B
Ignition Coil 2



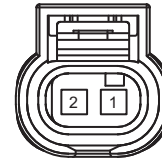
E-112
B
Ignition Coil 1



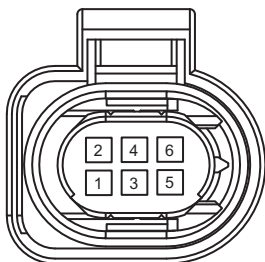
E-113
B
Exhaust Phase Solenoid Valve



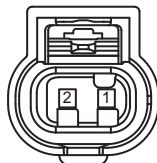
GE-114
Ground



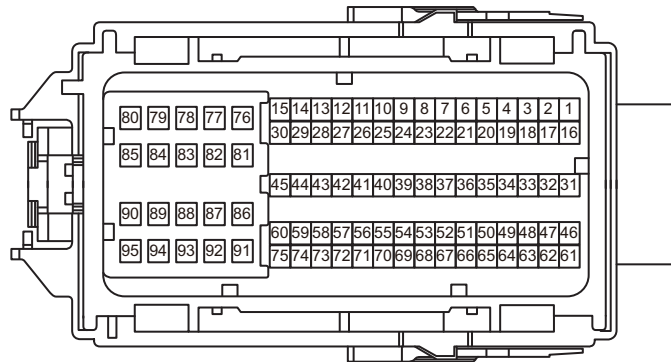
E-115
B
Variable Oil Pump



E-116
B
Upstream Oxygen Sensor



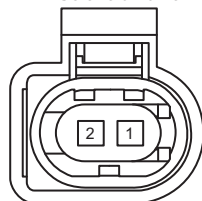
E-117
B
Intake Phase Solenoid Valve



E-118
B
ECU-B

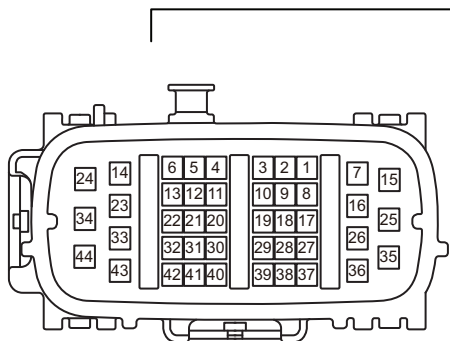


E-120
B
Charcoal Canister Solenoid Valve



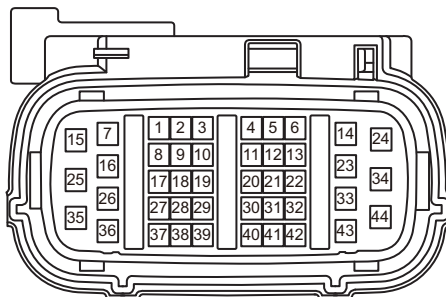
E-121
B
Generator Excitation

EPU001002



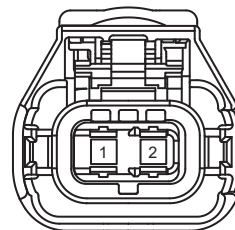
(E-119)
B

Engine Wire Harness to Interior Floor Wire Harness



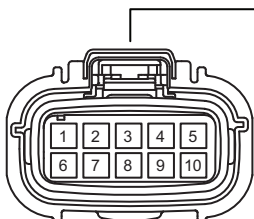
(E-011)
B

Interior Floor Wire Harness to Engine Wire Harness



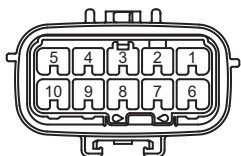
(E-123)
Gr

Electronic Thermostat



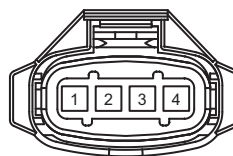
(E-122)
B

Engine Wire Harness to Injection Nozzle Wire Harness



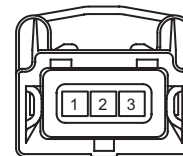
(E-036)
B

Injection Nozzle Wire Harness to Engine Wire Harness



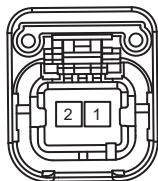
(E-125)
B

Boost Pressure Sensor



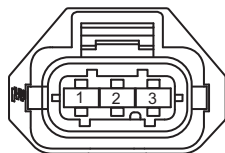
(E-126)
B

Knock Sensor



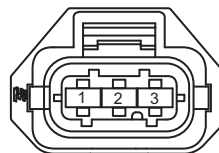
(E-128)
B

Compressor External Control Valve



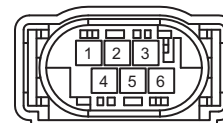
(E-129)
B

Canister Desorption Pressure Sensor



(E-130)
B

Fuel Rail Pressure Sensor



(E-132)
B

Electronic Throttle



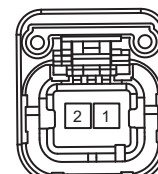
(E-133)
B

Intake Temperature & Pressure Sensor



(E-134)
B

Water Temp Sensor 2



(E-147)
B

ECV



(E-043)
PFB-ST



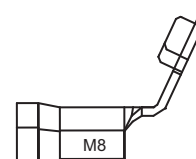
(E-124)
B

Compressor Clutch



(E-127)
B

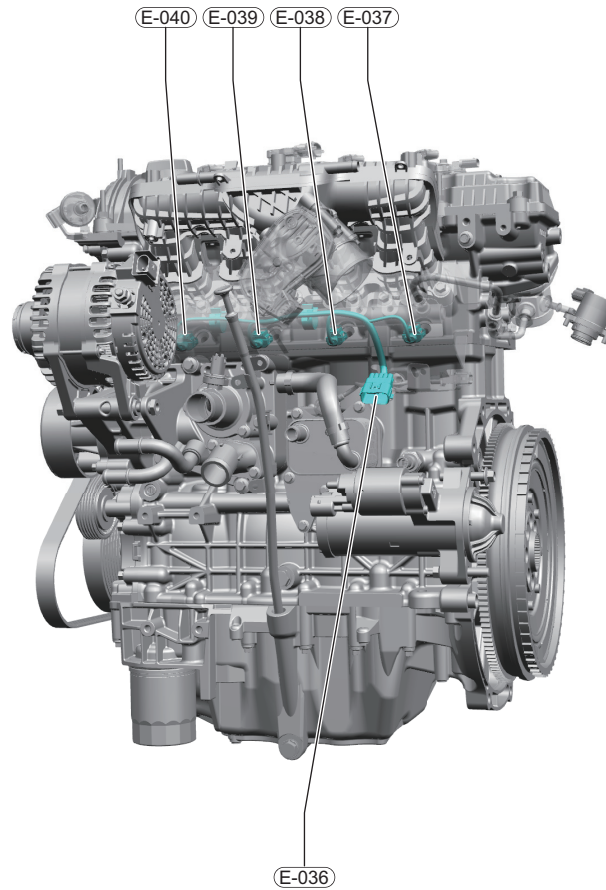
Starter



(E-046)
Generator

EPU002002

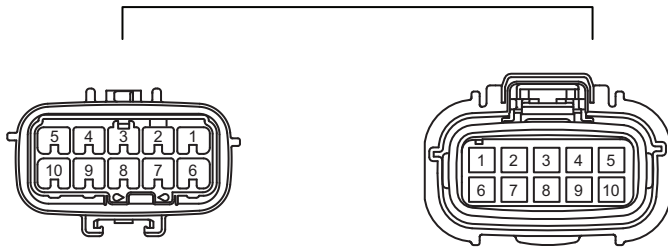
2.0T Fuel Injector Wire Harness



WHE004001

Connector Number	Connector Color/Pin	Connector Name
E-036	B/10	Fuel Injector Wire Harness Connected to Engine Wire Harness Interface
E-037	B/2	Fuel Injector 1
E-038	B/2	Fuel Injector 2
E-039	B/2	Fuel Injector 3
E-040	B/2	Fuel Injector 4

Fuel Injector Wire Harness Connector List



(E-036)
B

Injection Nozzle Wire Harness
to Engine Wire Harness Interface

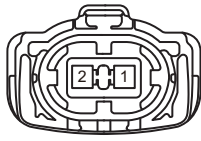
(E-022)
B

Engine Wire Harness to Injection
Nozzle Wire Harness Interface



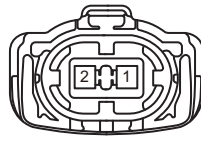
(E-037)
B

Fuel Injector 1



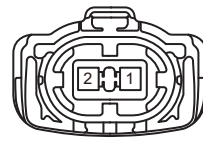
(E-038)
B

Fuel Injector 2



(E-039)
B

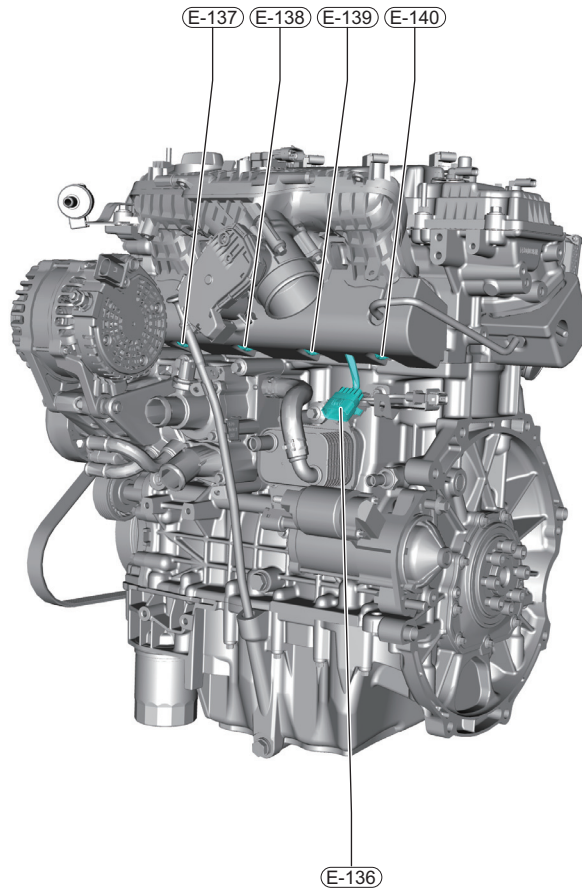
Fuel Injector 3



(E-040)
B

Fuel Injector 4

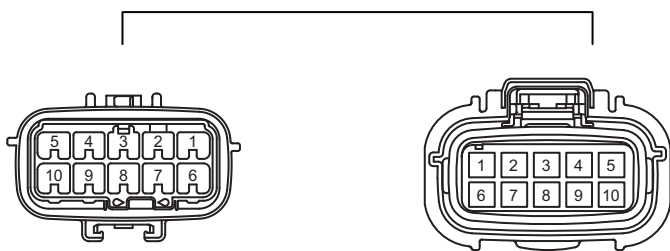
1.6T Fuel Injector Wire Harness



WHE004002

Connector Number	Connector Color/Pin	Connector Name
E-136	B/10	Fuel Injector Wire Harness Connected to Engine Wire Harness Interface
E-137	B/2	Fuel Injector 1
E-138	B/2	Fuel Injector 2
E-139	B/2	Fuel Injector 3
E-140	B/2	Fuel Injector 4

1.6T Fuel Injector Wire Harness Connector List



(E-136)
B

Injection Nozzle Wire Harness to
Engine Wire Harness Interface

(E-122)
B

Engine Wire Harness to Injection
Nozzle Wire Harness Interface



(E-137)
B

Fuel Injector 1



(E-138)
B

Fuel Injector 2



(E-139)
B

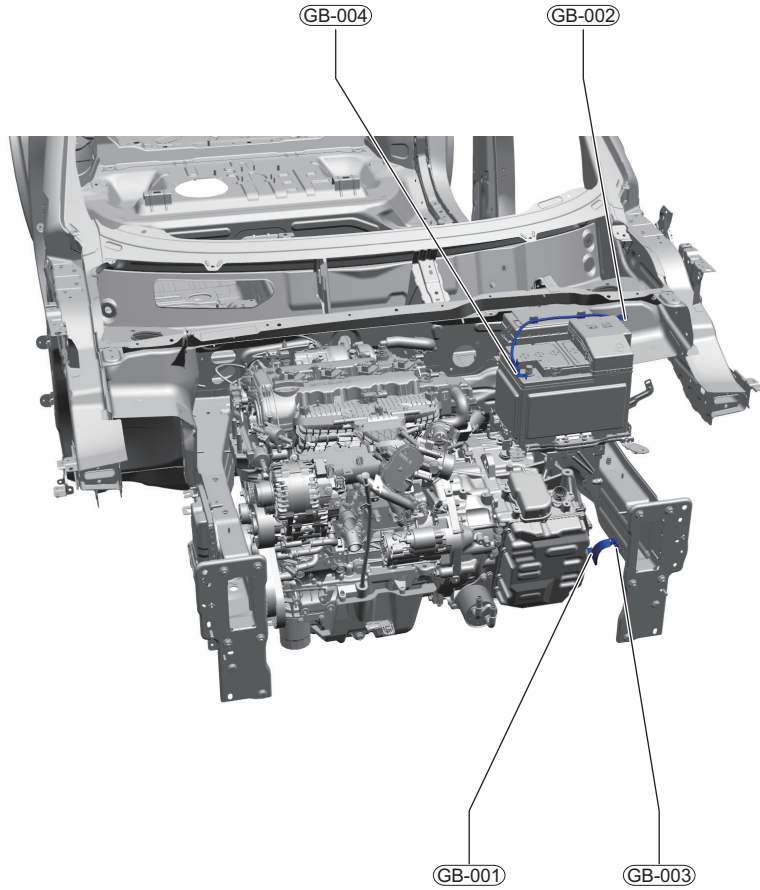
Fuel Injector 3



(E-140)
B

Fuel Injector 4

Battery Negative Wire Harness



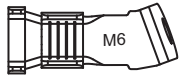
WHE006001

Connector Number	Connector Color/Pin	Connector Name
GB-001	/1	Ground Point
GB-002	/1	Engine Ground
GB-003	/1	Ground Point
GB-004	/1	Battery Negative

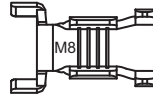
Battery Negative Wire Harness Connector List



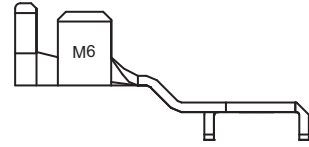
GB-001
Ground Point



GB-003
Ground Point

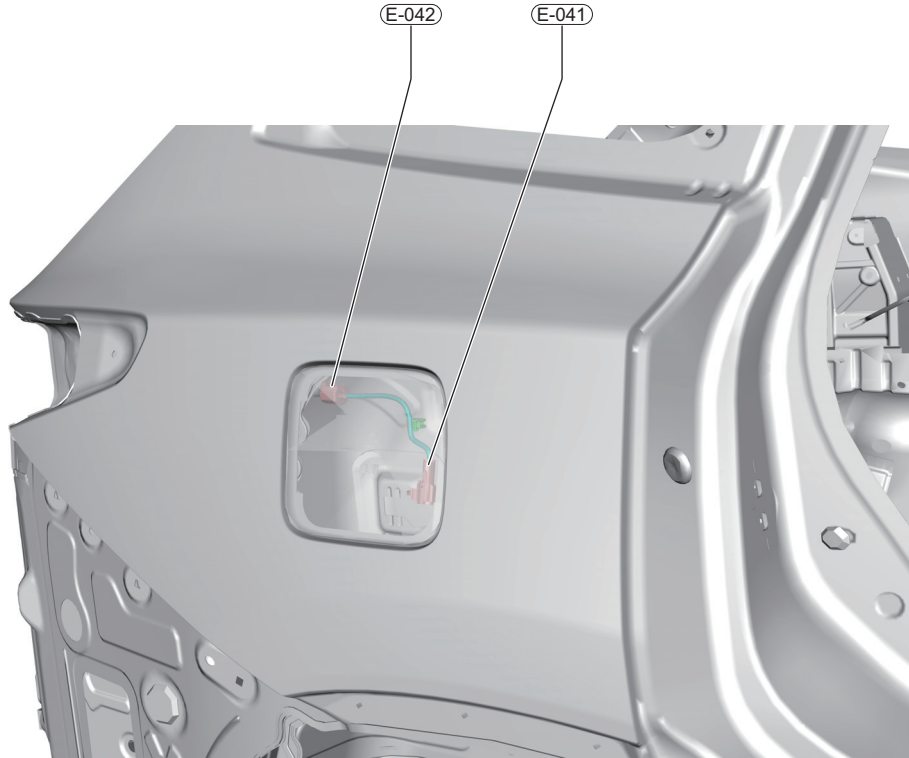


GB-002
Body Ground



GB-004
Battery Negative

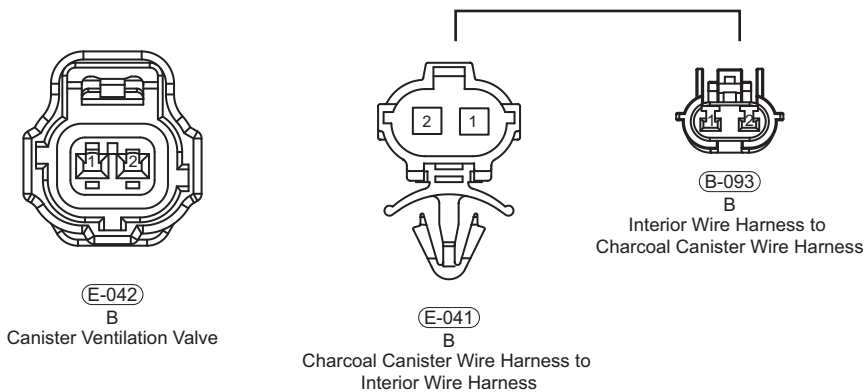
Charcoal canister wire harness



WHE043001

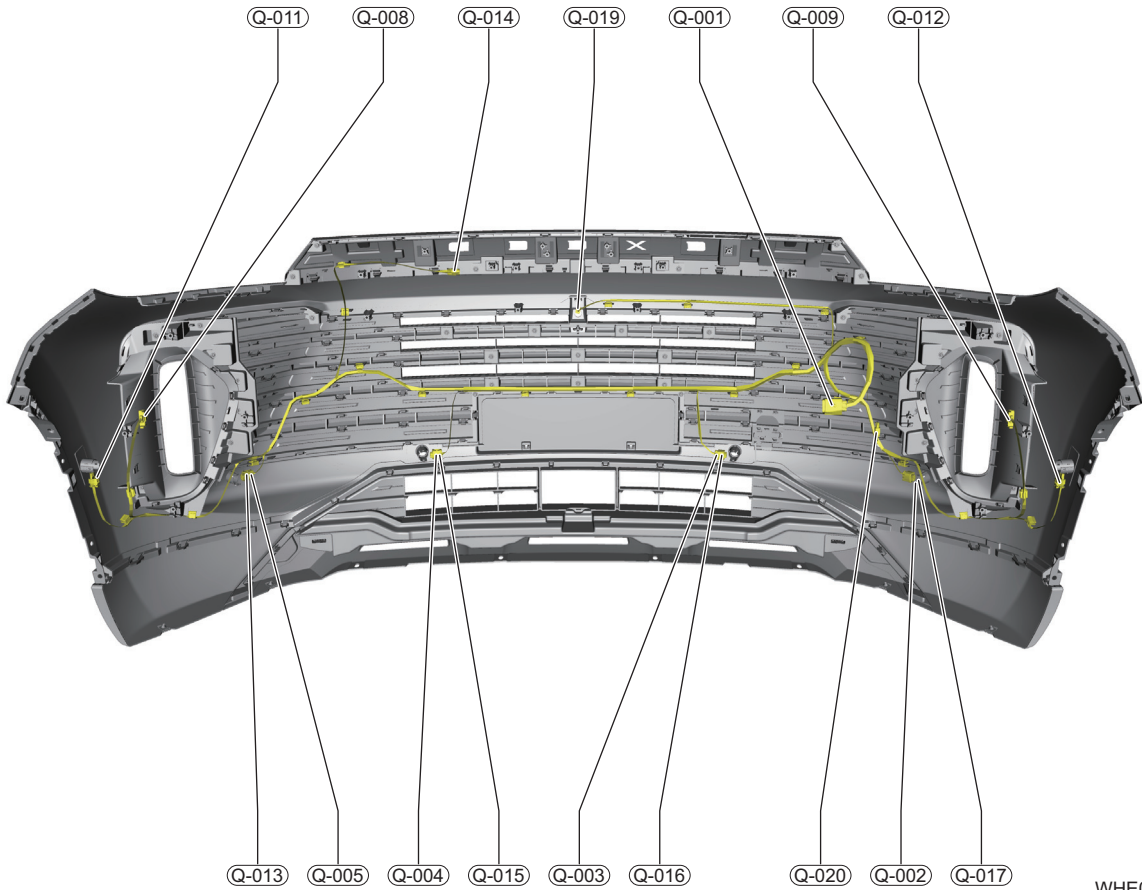
Connector Number	Connector Color/Pin	Connector Name
E-041	B/2	Charcoal Canister Wire Harness to Interior Wire Harness
E-042	B/2	Canister Ventilation Valve

Charcoal canister wire harness connector list



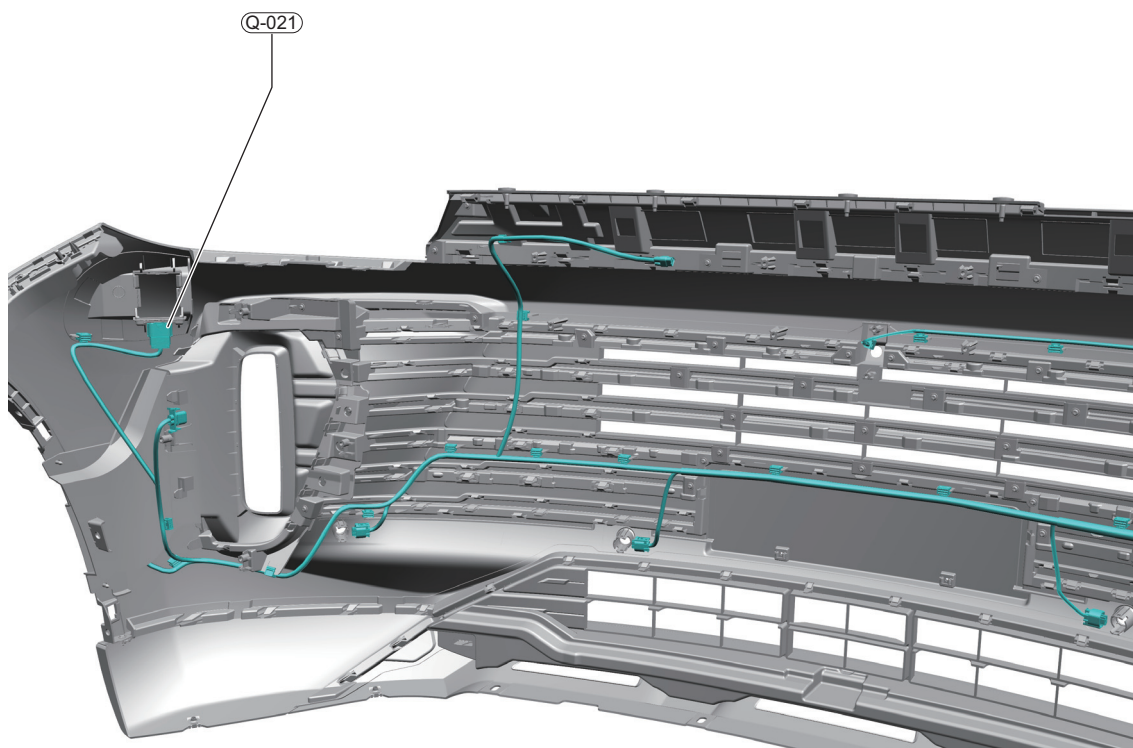
EPU028001

Front bumper wire harness



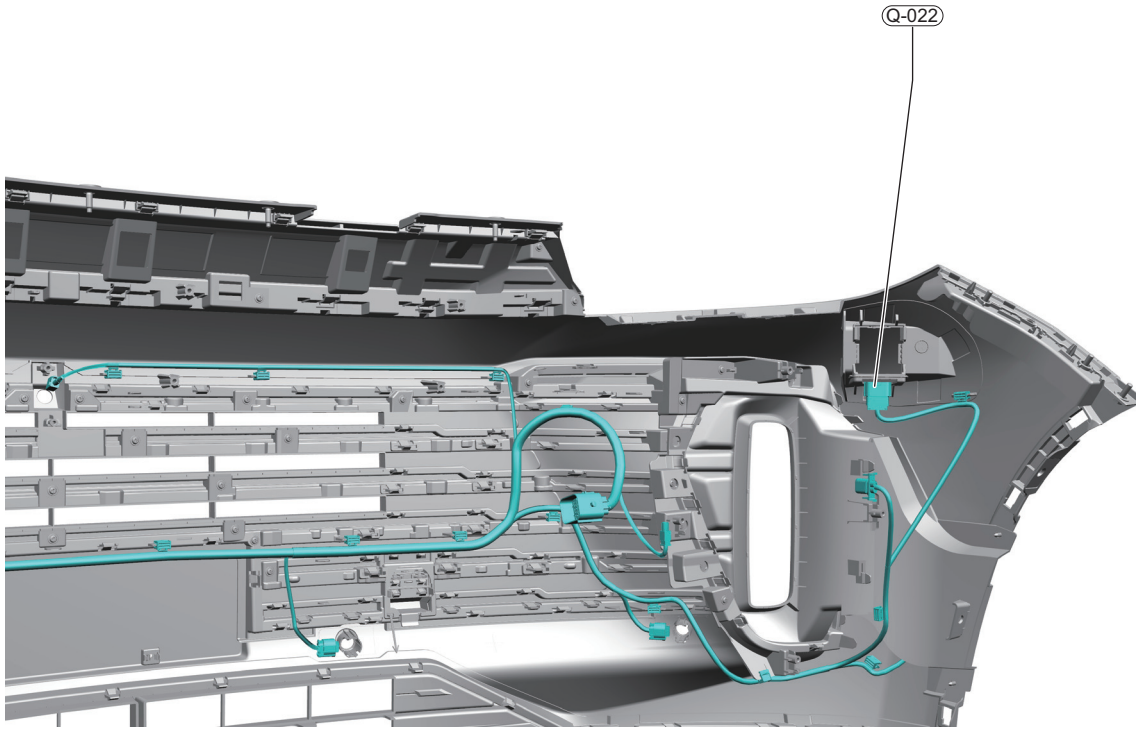
WHE007001

Connector Number	Connector Color/Pin	Connector Name
Q-001	B/26	Front Bumper Wire Harness to Interior Wire Harness
Q-002	B/3	Right Parking Radar Sensor
Q-003	B/3	Right Center Parking Radar Sensor
Q-004	B/3	Left Center Parking Radar Sensor
Q-005	B/3	Left Parking Radar Sensor
Q-008	B/2	Front Left Fog Light
Q-009	B/2	Front Right Fog Light
Q-011	B/3	Front Left Side Parking Assist Sensor
Q-012	B/3	Front Right Side Parking Assist Sensor
Q-013	B/3	Front Left Parking Assist Sensor
Q-014	W/3	LOGO Breathing Light
Q-015	B/3	Left Center Parking Assist Sensor
Q-016	B/3	Right Center Parking Assist Sensor
Q-017	B/3	Front Right Parking Assist Sensor
Q-019	-	Front Camera
Q-020	-	Front Bumper Wire to Interior Wire (Panoramic Camera)



WHE007002

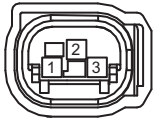
Connector Number	Connector Color/Pin	Connector Name
Q-021	B/8	Front Left Radar



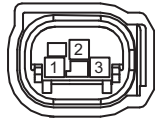
WHE007003

Connector Number	Connector Color/Pin	Connector Name
Q-022	B/8	Front Right Sensor

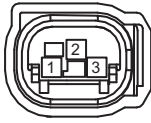
Front Bumper Wire Harness Connector List



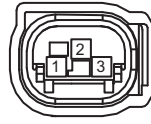
Q-002
B
Right Parking
Radar Sensor



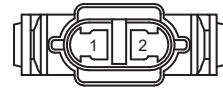
Q-003
B
Right Center
Parking Radar Sensor



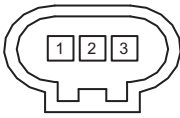
Q-004
B
Left Center Parking
Radar Sensor



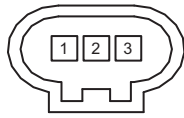
Q-005
B
Left Parking Radar Sensor



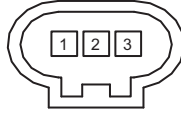
Q-008
B
Fog Light FL



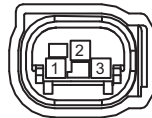
Q-009
B
Fog Light FR



Q-011
B
Front Left Side
Parking Assist Sensor



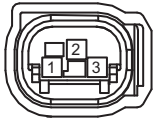
Q-012
B
Front Right Side
Parking Assist Sensor



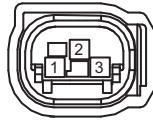
Q-013
B
Front Left Parking
Assist Sensor



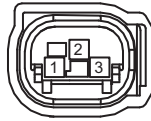
Q-014
W
LOGO Breathing Light



Q-015
B
Left Center
Parking Assist Sensor



Q-016
B
Right Center
Parking Assist Sensor



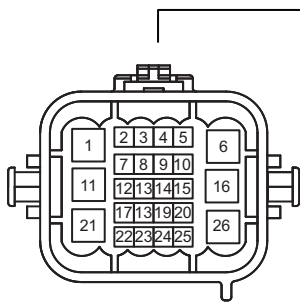
Q-017
B
Front Right
Parking Assist Sensor



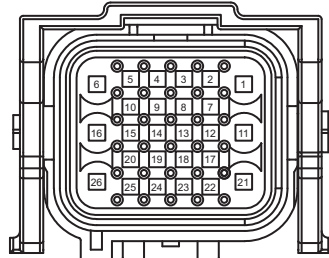
Q-019
Front Camera



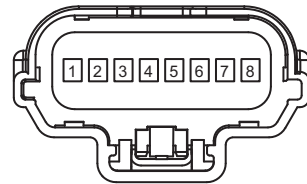
Q-020
Front Bumper Wire
to Interior Wire
(Panoramic Camera)



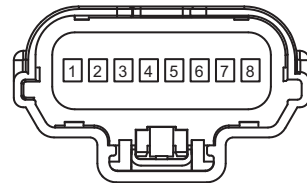
Q-001
B
Front Bumper Wire Harness
to Interior Wire
Harness



B-088
B
Interior Wire Harness
to Front Bumper Wire
Harness

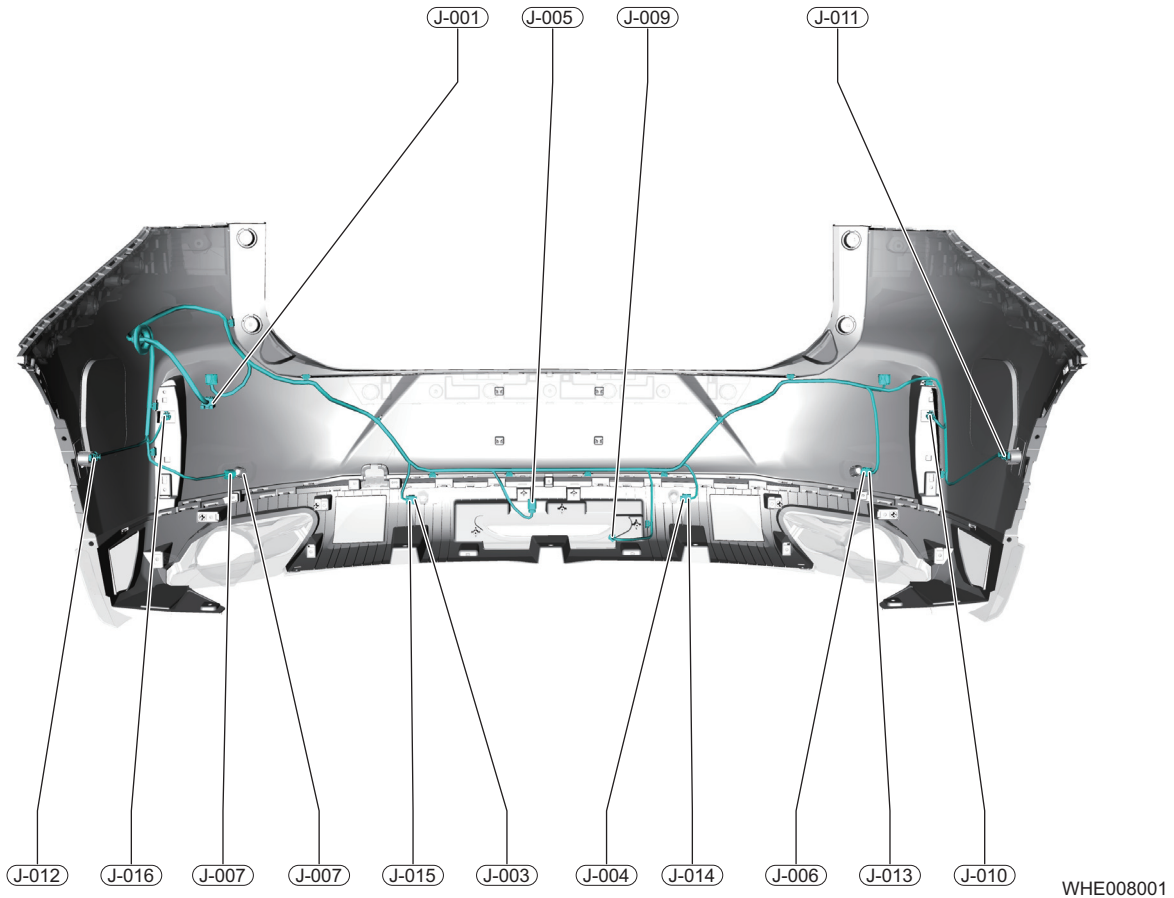


Q-021
B
Front Left Sensor

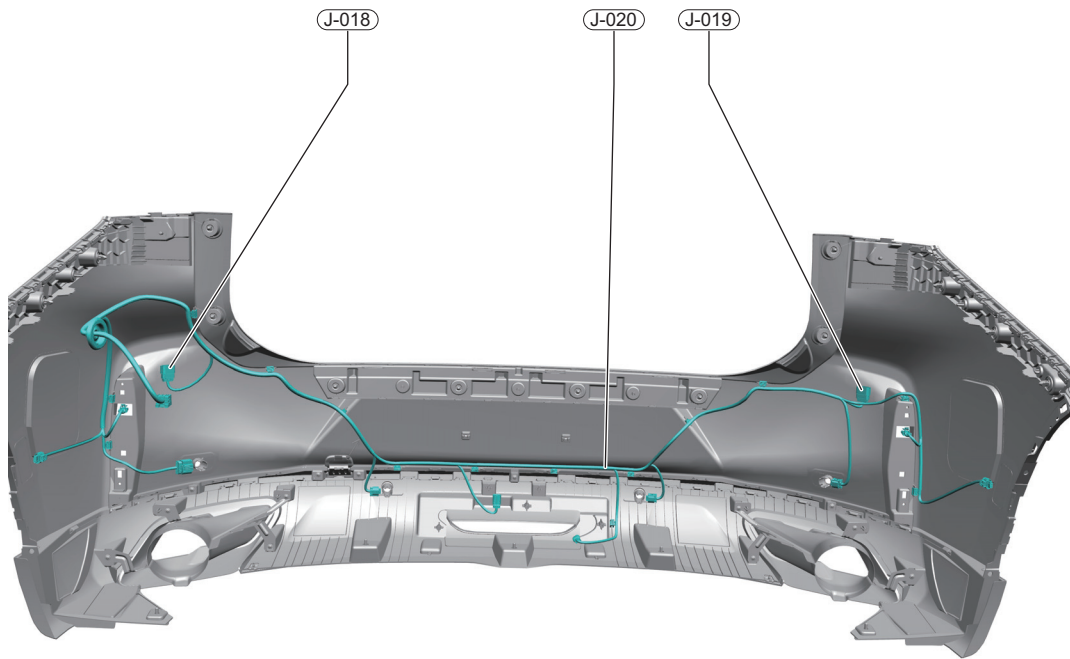


Q-022
B
Front Right Sensor

Rear bumper wire harness



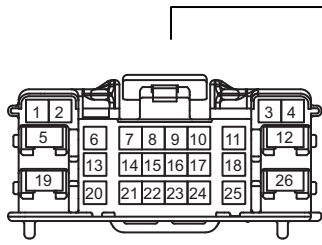
Connector Number	Connector Color/Pin	Connector Name
J-001	W/20	Interior Wire Harness to Rear Bumper Wire Harness
J-003	B/3	Right Center Reversing Radar Sensor
J-004	B/3	Left Center Reversing Radar Sensor
J-005	Gr/4	PEPS Antenna (Rear Bumper)
J-006	B/3	Left Reversing Radar Sensor
J-007	B/3	Right Reversing Radar Sensor
J-009	B/2	Rear Left Fog Light
J-010	B/2	Left Back-up Light
J-011	B/3	Rear Left Side Parking Assist Sensor
J-012	B/3	Rear Right Side Parking Assist Sensor
J-013	B/3	Rear Left Parking Assist Sensor
J-014	B/3	Rear Left Center Parking Assist Sensor
J-015	B/3	Rear Right Center Parking Assist Sensor
J-016	B/2	Right Back-up Light
J-017	B/3	Rear Right Parking Assist Sensor



WHE008002

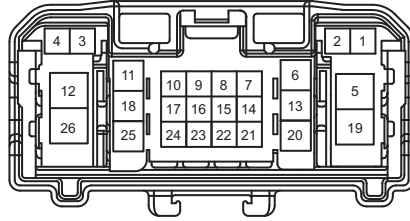
Connector Number	Connector Color/Pin	Connector Name
J-018	B/8	Rear Right Sensor
J-019	B/8	Rear Left Sensor
J-020	B/4	Radar without Head Unit

Rear Bumper Wire Harness Connector List



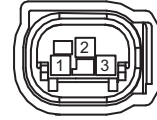
J-001
W

Interior Wire Harness to
Rear Bumper Wire Harness



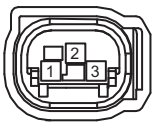
B-095
B

Interior Wire Harness to Rear Bumper Wire Harness



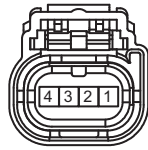
J-003
B

Right Center Reversing Radar Sensor



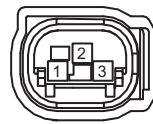
J-004
B

Left Center Reversing Radar Sensor



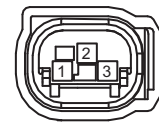
J-005
GR

PEPS Antenna (Rear Bumper)



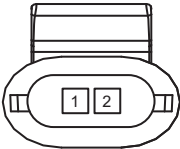
J-006
B

Left Reversing Radar Sensor



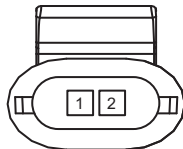
J-007
B

Right Reversing Radar Sensor



J-009
B

Rear Left Fog Light



J-010
B

Back-up Light LH



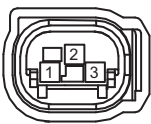
J-011
B

Rear Left Side Parking
Assist Sensor



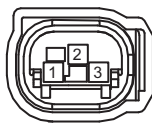
J-012
B

Rear Right Side Parking Assist Sensor



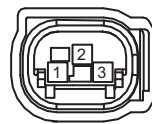
J-013
B

Rear Left Parking
Assist Sensor



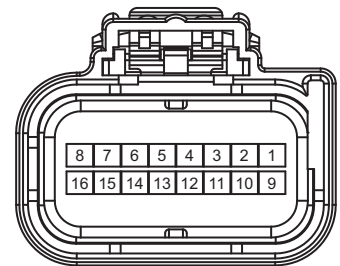
J-014
B

Rear Left Center
Parking Assist Sensor



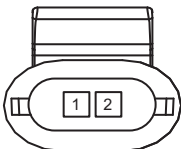
J-015
B

Rear Right Center Parking Assist Sensor



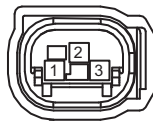
J-020
B

Radar Module Without Head Unit



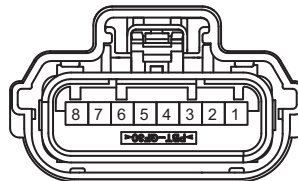
J-016
B

Right back-up light



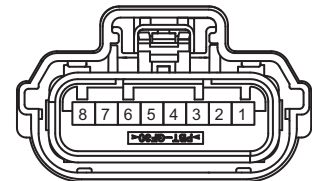
J-017
B

Rear Right Parking Assist Sensor



J-018
B

Rear Right Sensor

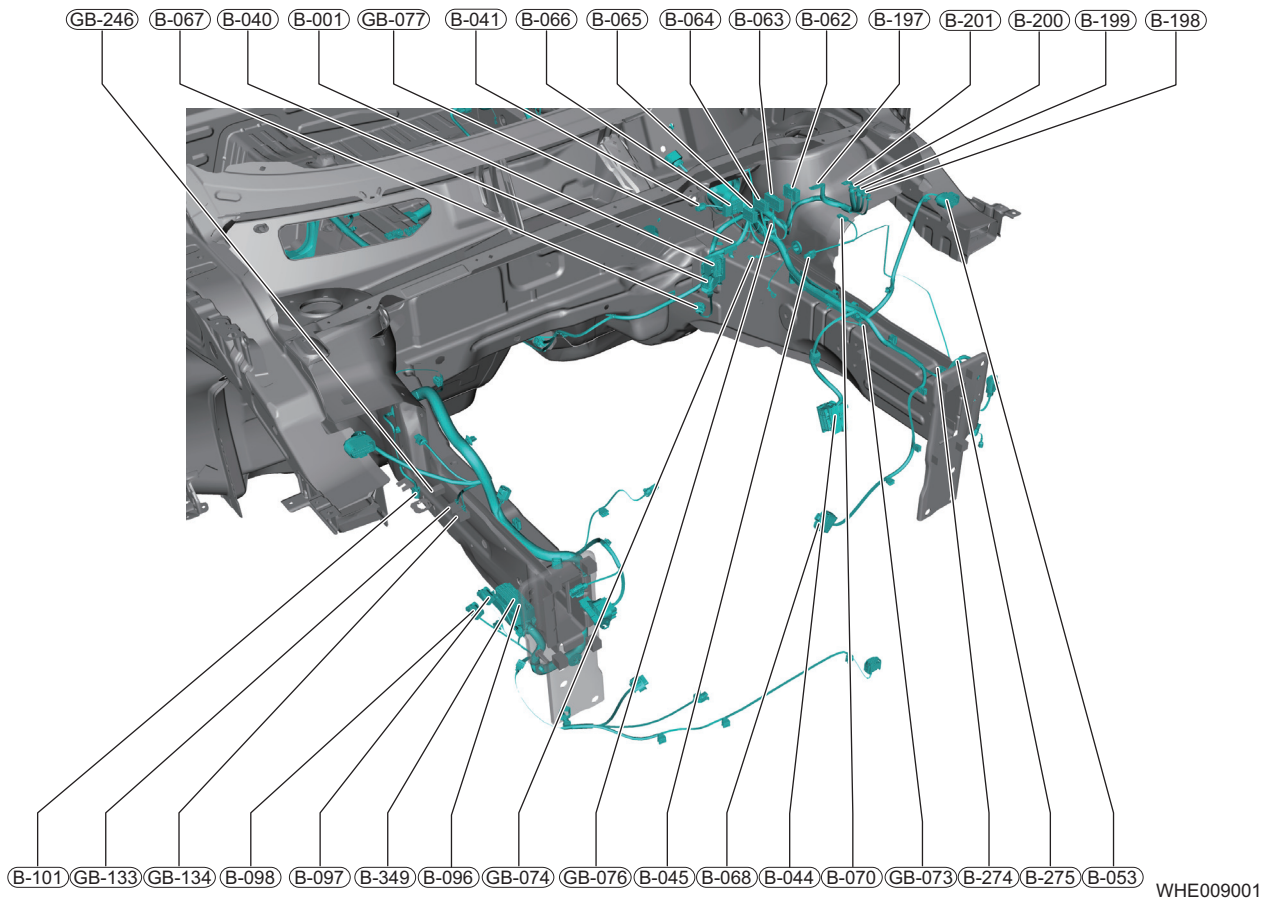


J-019
B

Rear Left Sensor

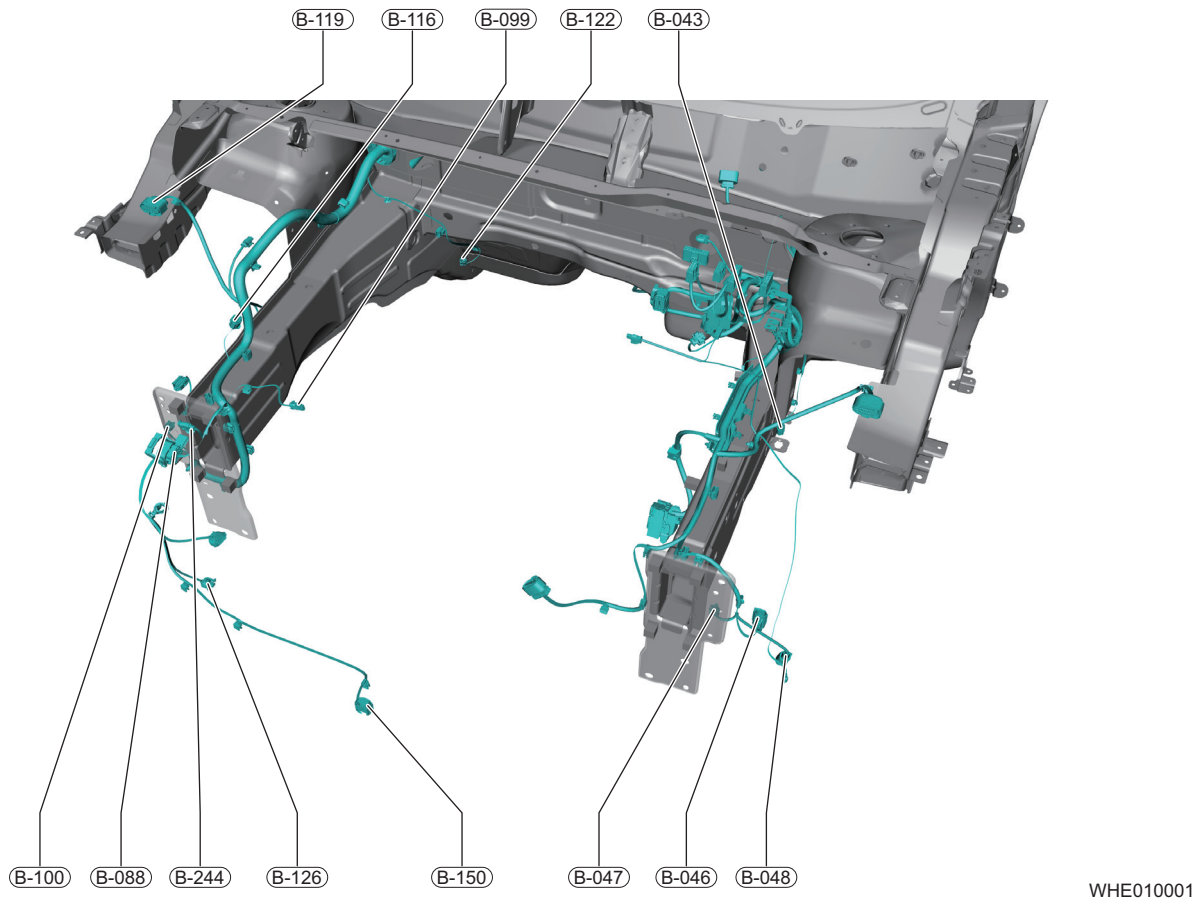
EPU007001

Interior wire harness



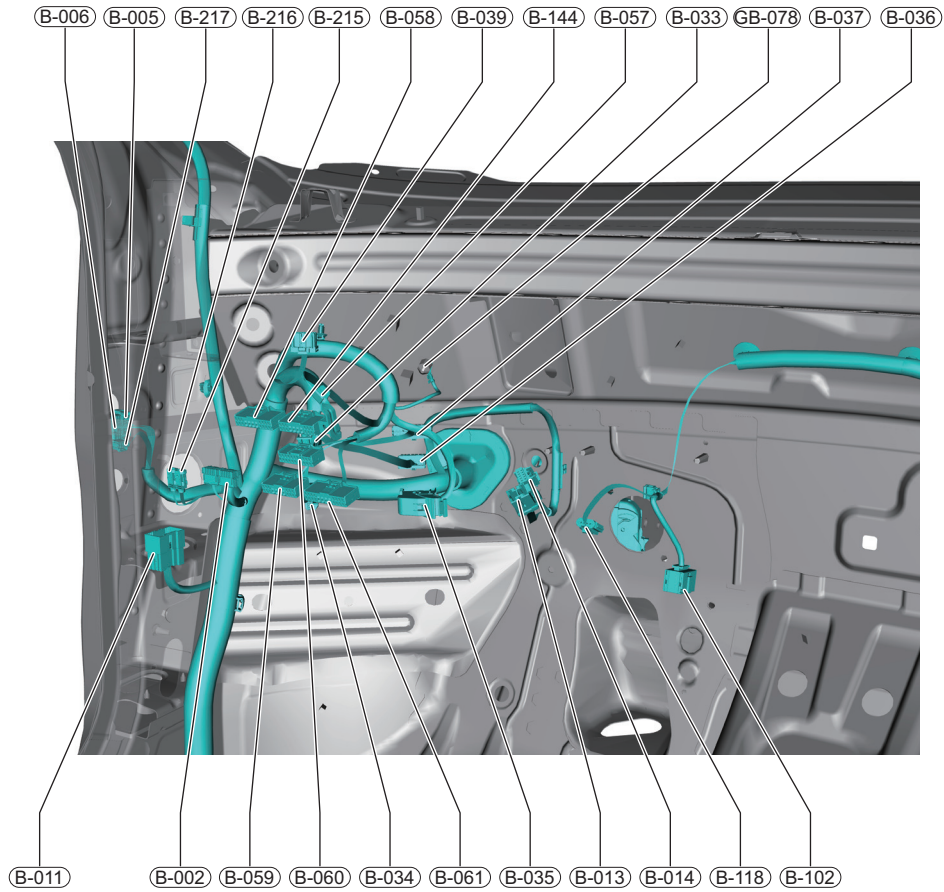
Connector Number	Connector Color/Pin	Connector Name
B-001	B/30	Interior Wire Harness to Engine Wire Harness
GB-246	/1	Ground
B-040	B/46	ESC
B-041	B/2	Brake Fluid Level Sensor
B-044	B/58	TCU-A
B-045	W/2	Battery Sensor
B-053	B/14	Left Headlight
B-062	W/14	Engine Compartment Fuse Box - 1
B-063	W/18	Engine Compartment Fuse Box - 2
B-064	W/40	Engine Compartment Fuse Box - 3
B-065	W/14	Engine Compartment Fuse Box - 4
B-067	B/3	Brake Vacuum Sensor
B-068	B/4	Cooling Fan
B-070	B/1	Battery Sensor Power Supply
GB-073	/1	Ground
GB-074	/1	Ground

Connector Number	Connector Color/Pin	Connector Name
GB-076	/1	Ground
GB-077	/1	Ground
B-096	B/94	ECU-A
B-097	GR/2	High Pitched Horn
B-098	GR/2	Low Pitched Horn
B-101	B/2	Front Right Wheel Speed Sensor
GB-133	/1	Ground
GB-134	/1	Ground
B-197	/1	Front Compartment Fuse Box Power Supply
B-198	/1	ESC Positive
B-199	/1	EPS Positive
B-200	/1	Instrument Panel Fuse Box Positive
B-201	/1	Front Compartment Fuse Box Positive
B-066	/18	Engine Compartment Fuse Box - 6
B-274	/8	Electric Shift Actuator
B-275	/33	Transmission Wire Harness
B-349	B/103	ECU(A)



WHE010001

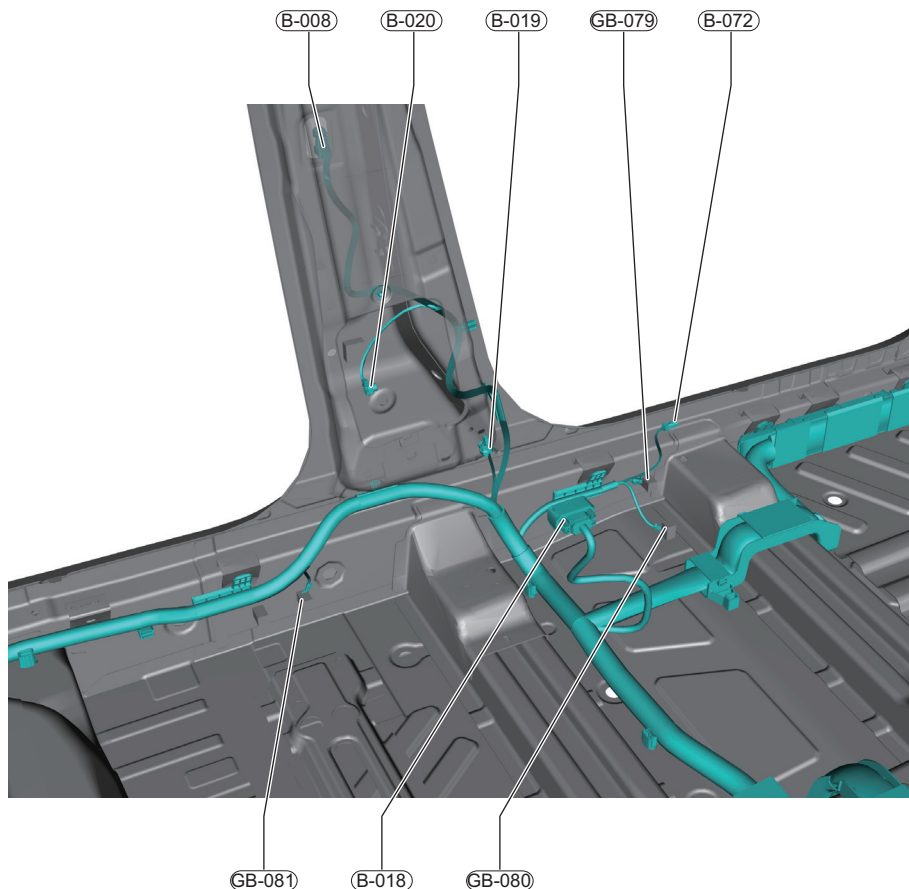
Connector Number	Connector Color/Pin	Connector Name
B-043	B/2	Front Left Wheel Speed Sensor
B-046	Gr/2	Electronic Vacuum Pump
B-047	Y/2	Front Left Collision Sensor
B-048	Gr/2	Washer Motor
B-088	B/26	Interior Wire Harness to Front Bumper Wire Harness
B-099	B/2	Hood Lock Switch
B-100	B/2	Front Right Collision Sensor
B-116	B/3	A/C Pressure Switch
B-119	B/14	Right Headlight
B-122	B/3	Low Fuel Pressure Sensor
B-126	B/2	Outside Temperature Sensor
B-150	B/8	Front Radar Module
B-244	/1	Interior Wire Harness to Front Bumper Wire Harness (Panoramic Camera)



WHE012001

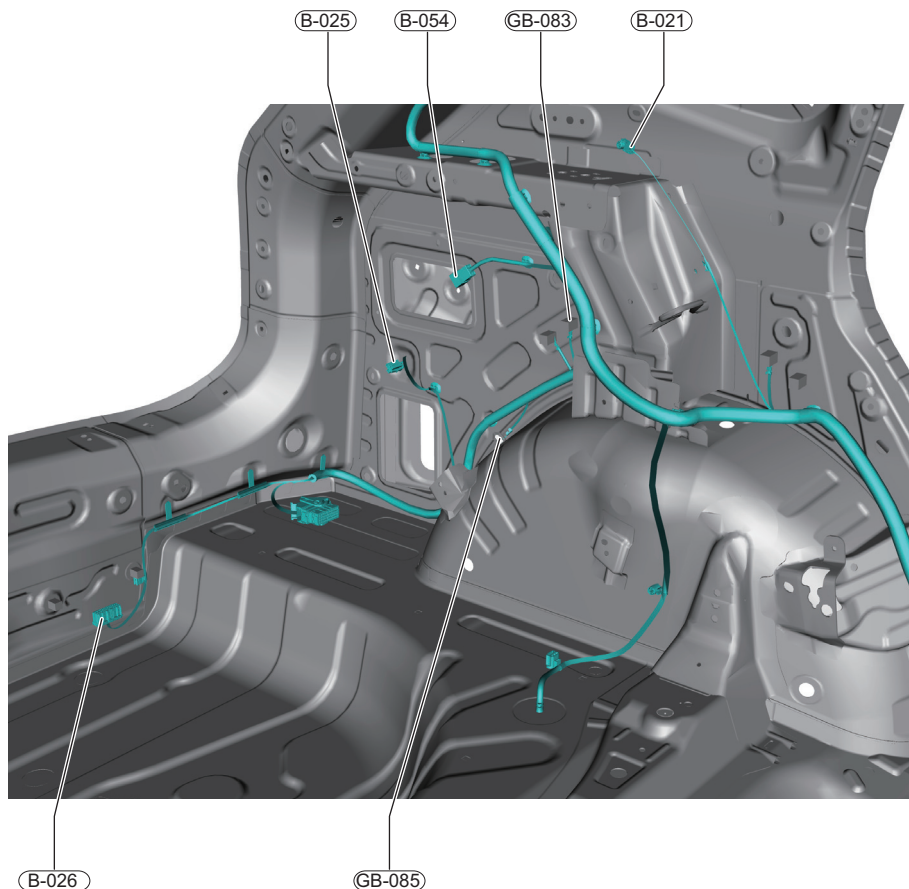
Connector Number	Connector Color/Pin	Connector Name
B-005	W/20	Interior Wire Harness to Front Left Door Wire Harness 1
B-006	W/26	Interior Wire Harness to Front Left Door Wire Harness 2
B-011	W/24	Interior Wire Harness to Instrument Panel Wire Harness 3
B-013	B/2	EPS-B
B-014	B/10	EPS-A
B-033	B/52	Body Control Module - J3
B-034	W/24	Body Control Module - J4
B-035	B/14	Body Control Module - J5
B-036	W/12	Body Control Module - J6
B-037	W/20	Body Control Module - J2
B-039	B/20	Central Gateway
B-057	/1	Instrument Panel Fuse Box Power Supply
B-058	W/22	Instrument Panel Fuse Box - 1
B-059	W/16	Instrument Panel Fuse Box - 2
B-060	W/18	Instrument Panel Fuse Box - 3
B-061	W/20	Instrument Panel Fuse Box - 4

Connector Number	Connector Color/Pin	Connector Name
GB-078	/1	Ground
B-102	B/6	Electronic Accelerator Pedal
B-118	W/4	Brake Switch
B-144	W/16	Engine Compartment Fuse Box - 1
B-215	/1	Interior to Instrument Panel Wire Harness (Driving Recorder)
B-216	/1	Interior Wire Harness to Instrument Panel Wire Harness (Face Camera)
B-217	/1	Interior Wire Harness to Front Left Door Wire Harness (Panoramic Camera)
B-002	/40	Interior Wire Harness to Instrument Panel Wire Harness



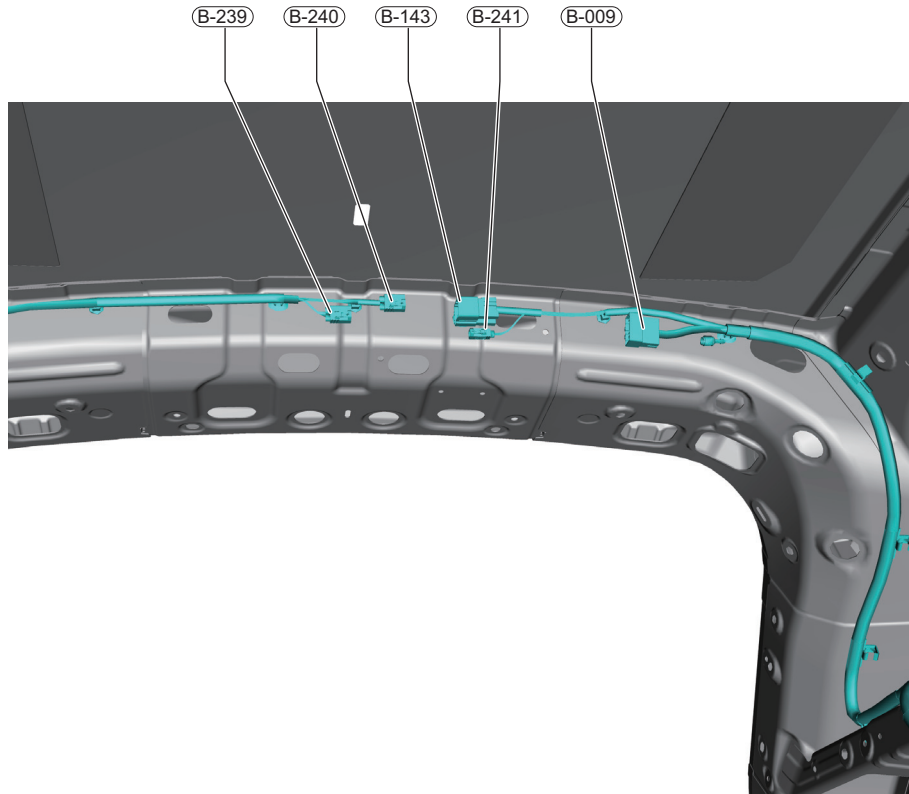
WHE013001

Connector Number	Connector Color/Pin	Connector Name
B-008	W/16	Interior to Rear Left Door Wire Harness
B-018	W/20	Interior Wire Harness to Driver Seat Wire Harness
B-019	Y/2	Left Side Collision Sensor
B-020	B/2	Driver Side Seat Belt Pretensioner
B-072	W/2	Left Rocker Light
GB-080	/1	Ground
GB-081	/1	Ground
GB-079	/1	Ground



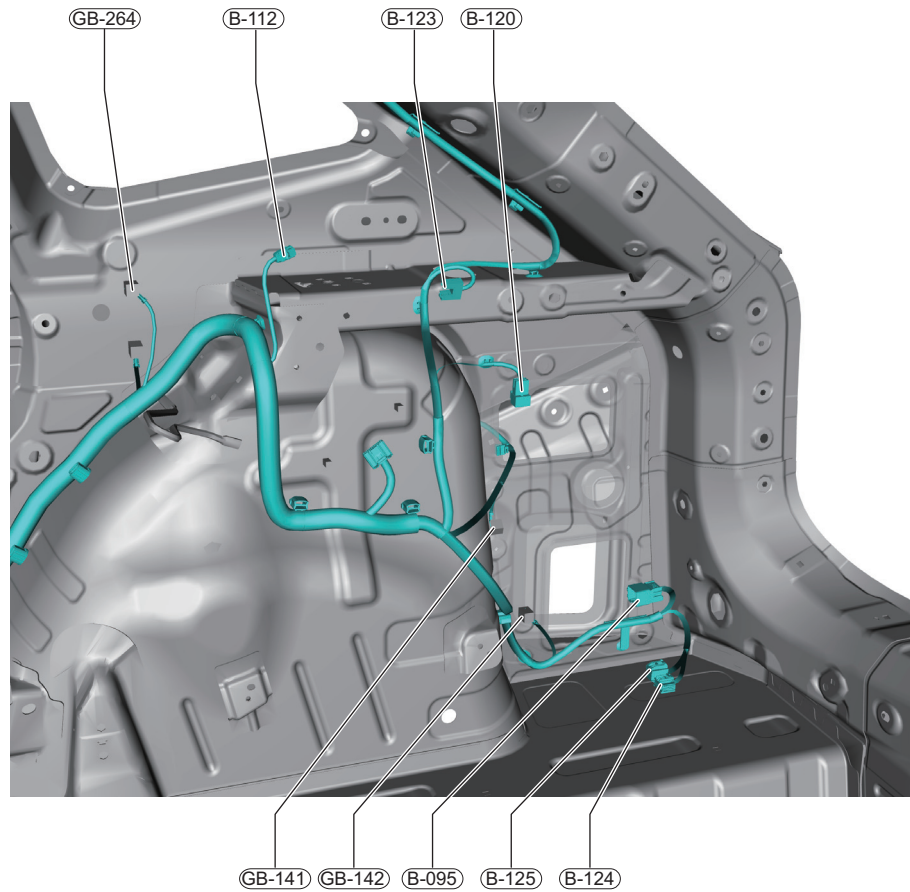
WHE014001

Connector Number	Connector Color/Pin	Connector Name
B-021	B/2	Rear Left Seat Belt Pretensioner
B-025	B/3	12 V Backup Power Supply
B-026	W/26	4WD Coupler Module
B-054	W/6	Rear Left Combination Light
GB-083	/1	Ground
GB-084	/1	Ground
GB-085	/1	Ground



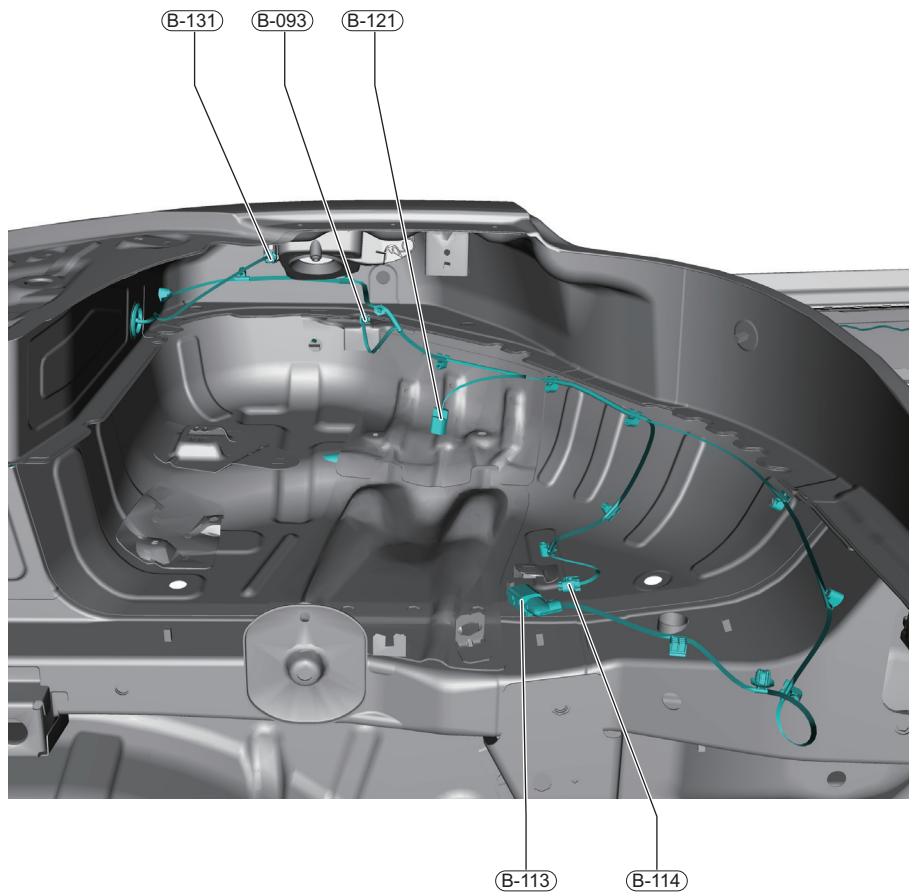
WHE015001

Connector Number	Connector Color/Pin	Connector Name
B-009	W/14	Interior Wire Harness to Back Door Wire Harness 1
B-143	B/20	Interior Wire Harness to Back Door Wire Harness 2
B-239	/1	Radio Antenna/GPS Antenna
B-240	/1	4G Antenna
B-241	/1	Interior Wire Harness to Back Door Wire Harness (Panoramic Camera)



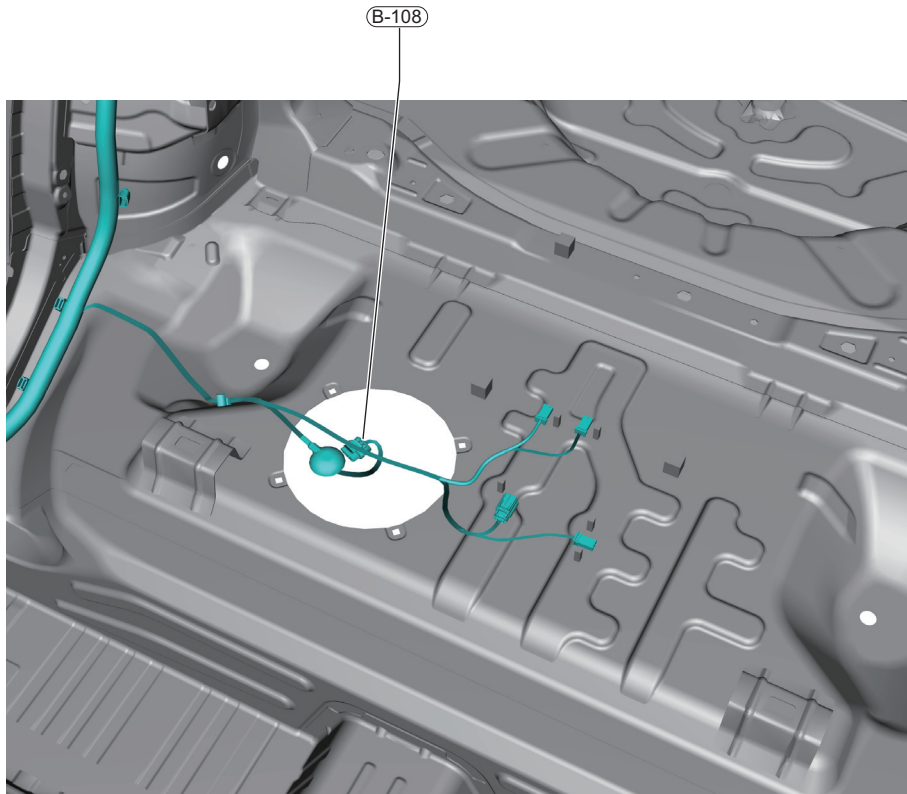
WHE016001

Connector Number	Connector Color/Pin	Connector Name
B-095	B/20	Interior Wire Harness to Rear Bumper Wire Harness
B-112	B/2	Rear Right Seat Belt Pretensioner
B-120	W/6	Rear Right Combination Light
B-123	B/2	Luggage Compartment Light
B-124	B/16	Back Door Controller - A
B-125	B/6	Back Door Controller - B
GB-141	/1	Ground
GB-142	/1	Ground
GB-264	/1	Ground



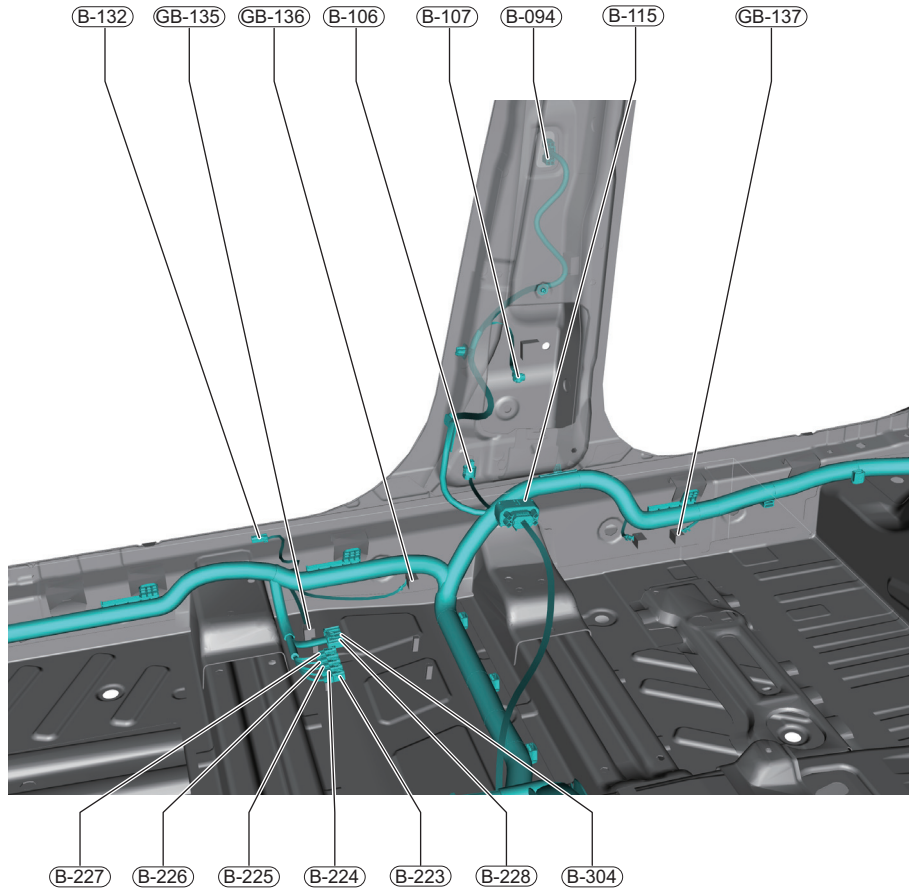
WHE017001

Connector Number	Connector Color/Pin	Connector Name
B-093	B/2	Interior Wire Harness to Charcoal Canister Wire Harness
B-113	B/2	Rear Right Wheel Speed Sensor
B-114	W/2	Right EPB Motor
B-121	B/3	Fuel Tank Pressure Sensor
B-131	B/2	Electric Fuel Tank Cap



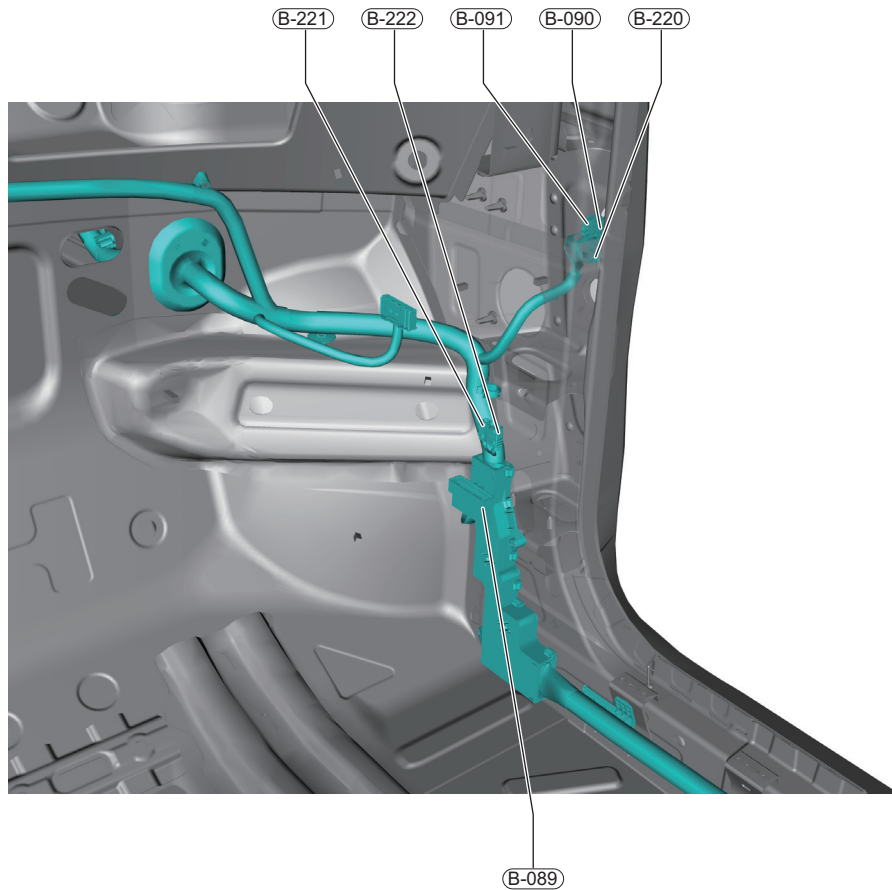
WHE018001

Connector Number	Connector Color/Pin	Connector Name
B-108	Y/4	Fuel Pump



WHE019001

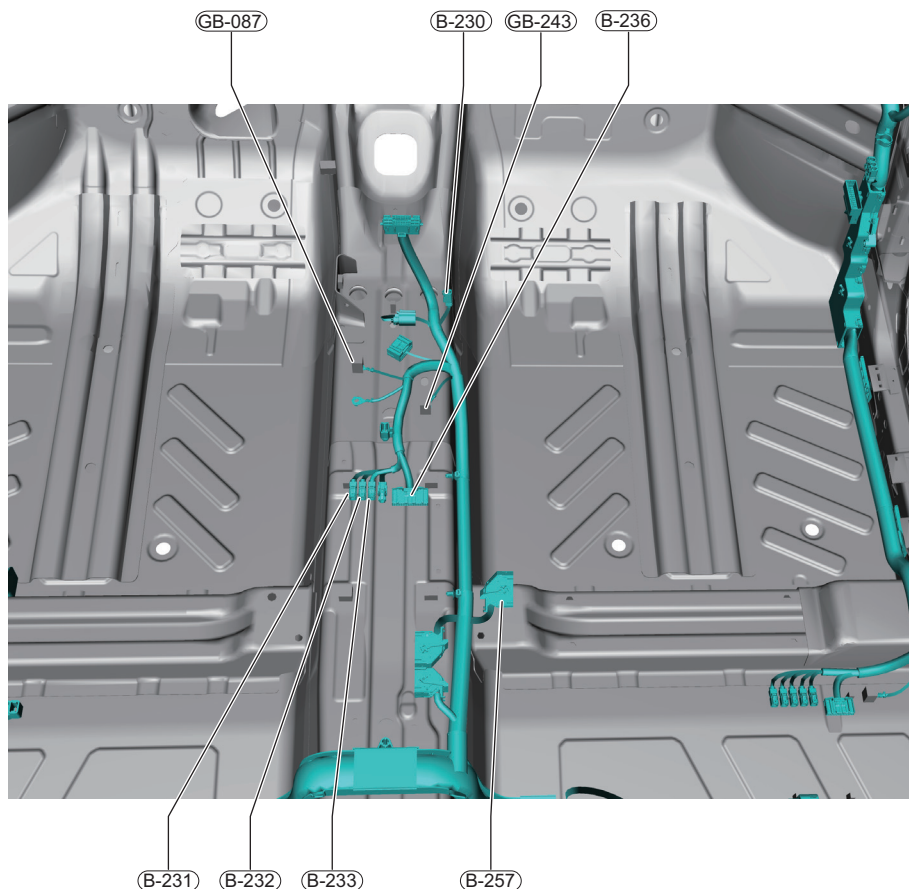
Connector Number	Connector Color/Pin	Connector Name
B-094	W/16	Interior Wire Harness to Rear Right Door Wire Harness
B-106	Y/2	Right Side Collision Sensor
B-107	B/2	Front Passenger Side Seat Belt Pretensioner
B-115	W/20	Interior Wire Harness to Front Passenger Seat Wire Harness
B-132	W/2	Right Rocker Light
GB-135	/1	Ground
GB-136	/1	Ground
GB-137	/1	Ground
B-223	/1	Panoramic Controller - C (Rear Camera)
B-225	/1	Panoramic Controller - E (Left Camera)
B-227	/1	Panoramic Controller - B (to Head Unit)
B-228	W/8	Panoramic Controller (with APA) - A
B-304	B/16	Panoramic Controller (with APA) - B



WHE020001

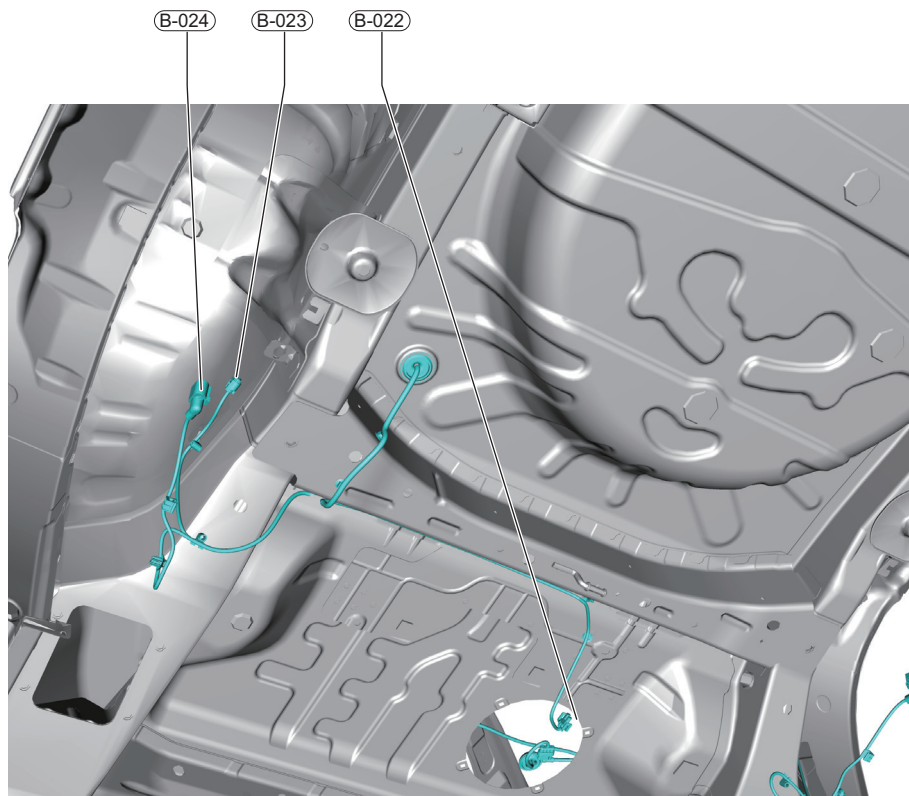
Connector Number	Connector Color/Pin	Connector Name
B-089	W/26	Interior Wire Harness to Instrument Panel Wire Harness
B-090	W/20	Interior Wire Harness to Front Right Door Wire Harness 1
B-091	W/26	Interior Wire Harness to Front Right Door Wire Harness 2
B-220	/1	Interior Wire Harness to Front Right Door Wire Harness (Panoramic Camera)
B-221	/1	Interior to Instrument Panel Wire Harness (Radio Antenna)
B-222	/1	Interior Wire Harness to Instrument Panel Wire Harness (Panoramic Controller)

10



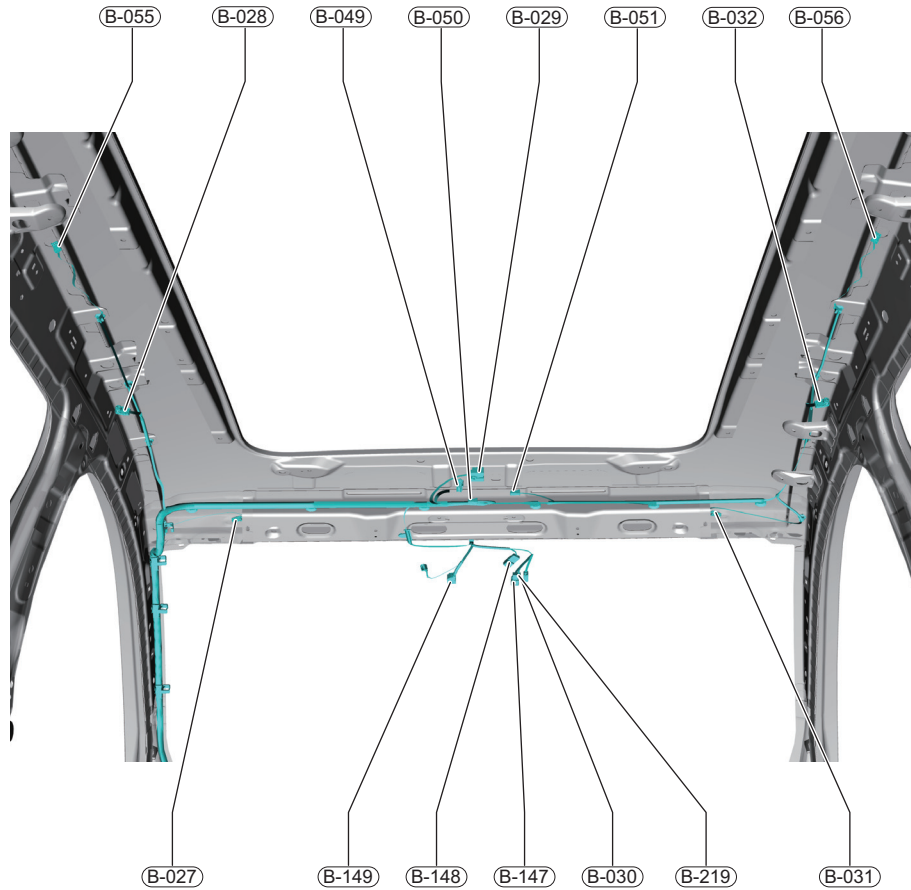
WHE021001

Connector Number	Connector Color/Pin	Connector Name
B-257	/54	Airbag ECU
GB-087	/1	Ground
B-230	/1	Interior Wire Harness to Instrument Panel Wire Harness (DMC)
B-231	/1	Remote Communication Gateway (4G Antenna 1) - B
B-232	/1	Remote Communication Gateway (GPS Antenna) - C
B-233	/1	Remote Communication Gateway (4G Antenna 2) - D
B-236	W/40	Remote Communication Gateway - A
GB-243	/1	Ground



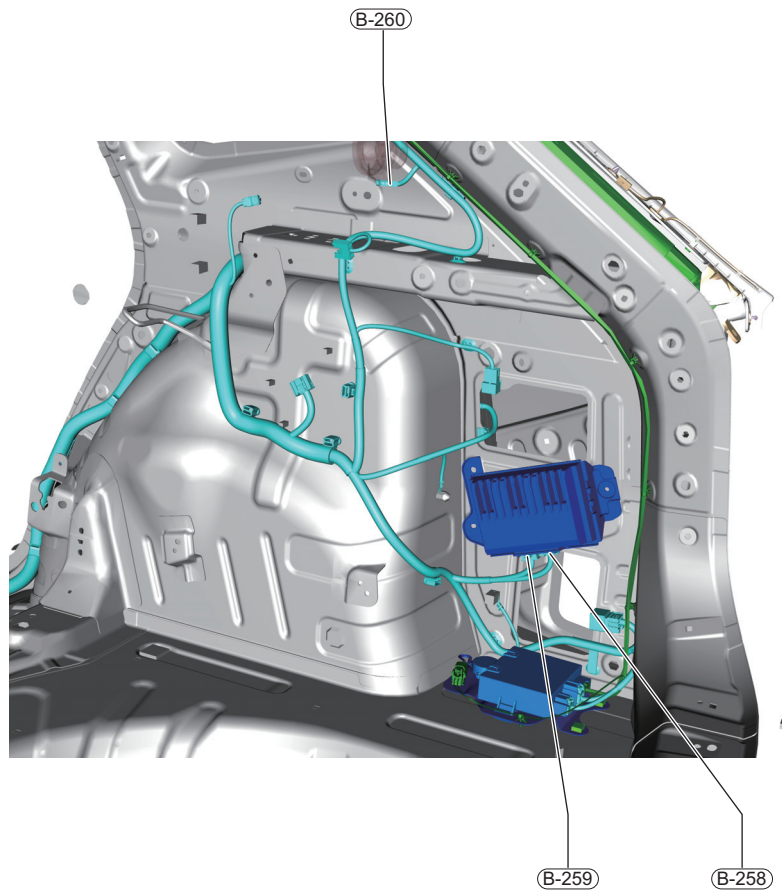
WHE022001

Connector Number	Connector Color/Pin	Connector Name
B-022	B/2	4WD Coupler
B-023	W/2	Left EPB Motor
B-024	B/2	Rear Left Wheel Speed Sensor



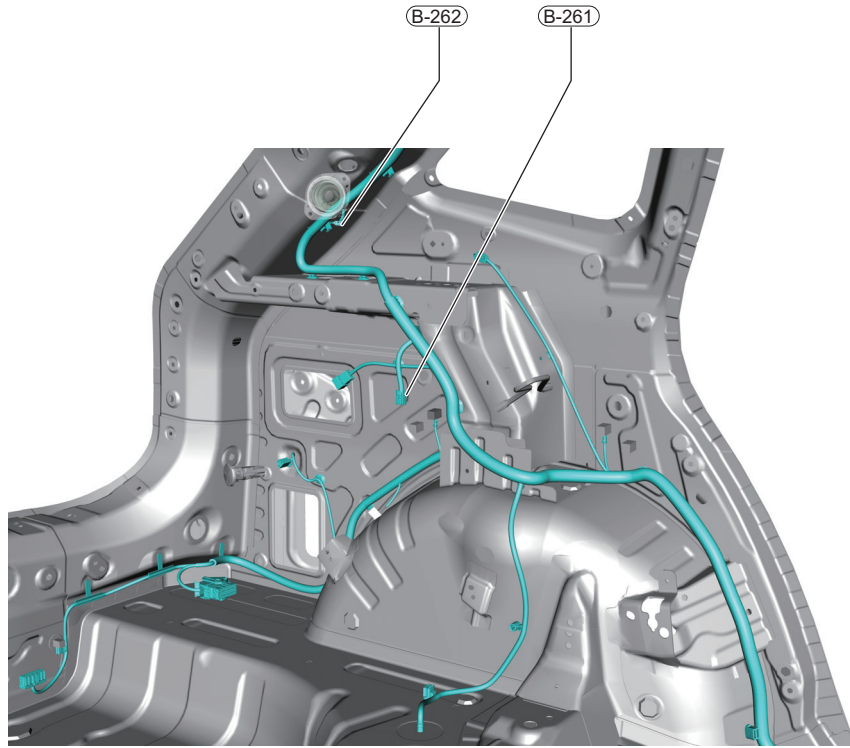
WHE023001

Connector Number	Connector Color/Pin	Connector Name
B-027	W/2	Driver Visor
B-028	Y/2	Left Curtain Shield Airbag
B-029	W/14	Sunroof
B-030	B/3	Rain Sensor
B-031	W/2	Front Passenger Visor
B-032	Y/2	Right Curtain Shield Airbag
B-049	W/24	Sliding Roof Switch
B-050	W/2	Right Microphone
B-051	W/2	Left Microphone
B-055	L/3	Right Map Light
B-056	L/3	Left Map Light
B-147	W/8	Drive Recorder - A
B-148	W/6	Inside Rear View Mirror
B-149	B/12	Front Camera
B-219	/1	Drive Recorder - B
B-250	/4	ETC



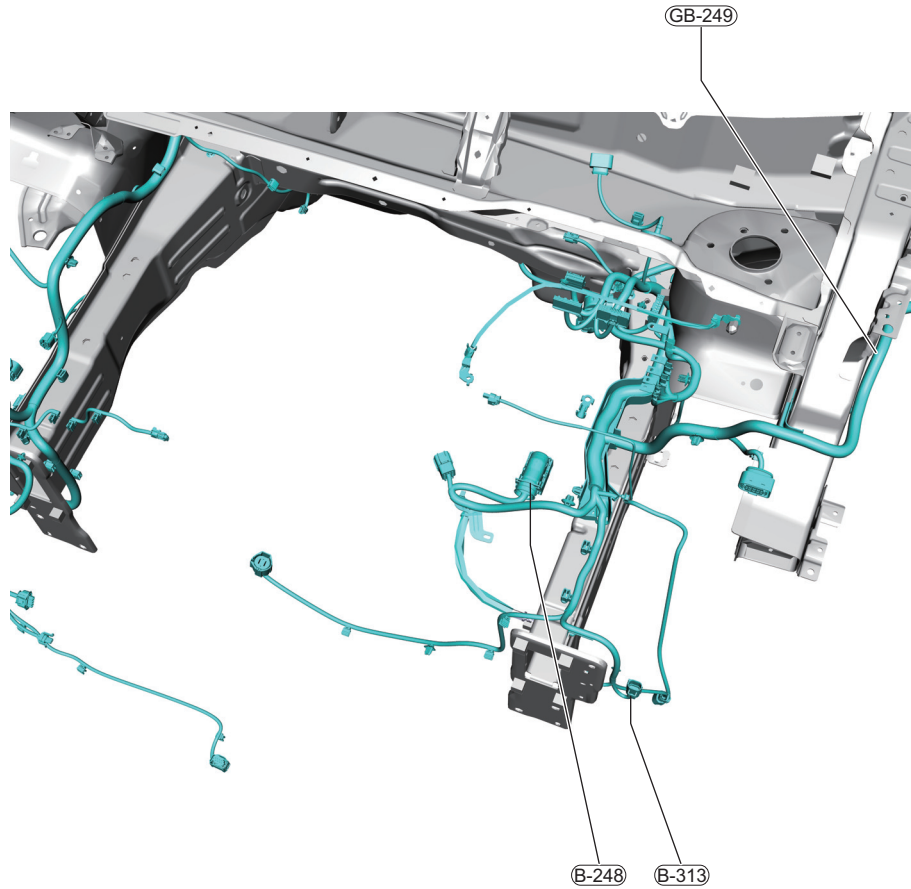
WHE023002

Connector Number	Connector Color/Pin	Connector Name
B-260	/2	Center Speaker
B-259	/12	Amplifier 1
B-258	/20	Amplifier 2



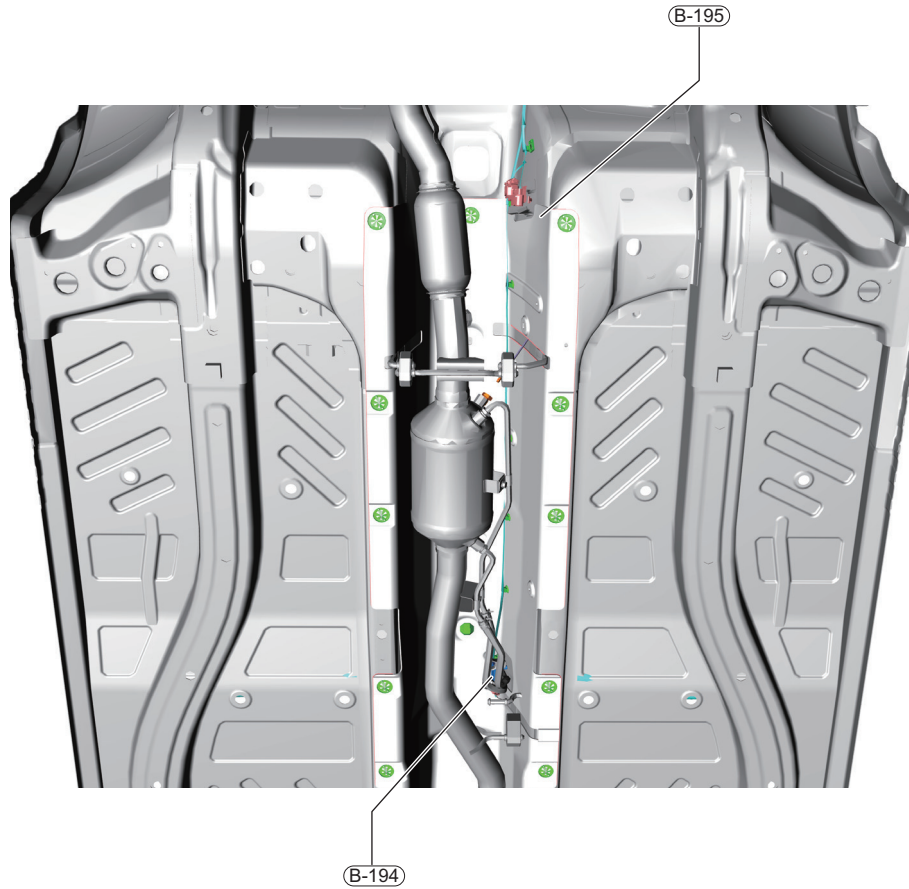
WHE023003

Connector Number	Connector Color/Pin	Connector Name
B-261	/4	Sub Woofer
B-262	/2	Left Surround Audio



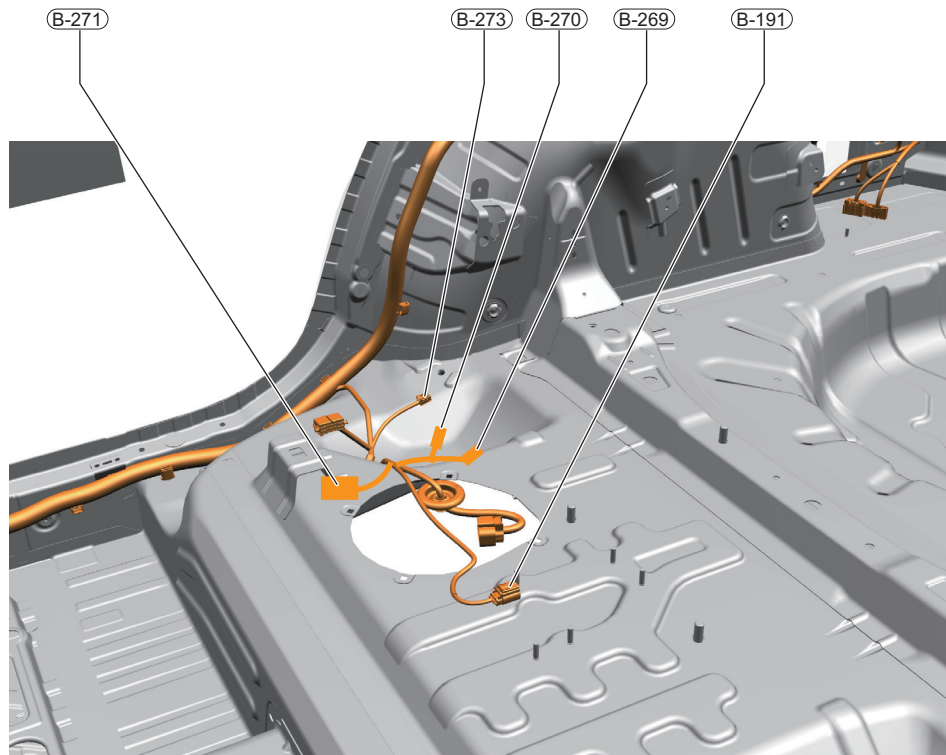
WHE023004

Connector Number	Connector Color/Pin	Connector Name
GB-249	/1	Ground
B-248	B/43	TCU VAT 2.0
B-313	B/3	Cooling Fan



WHE023005

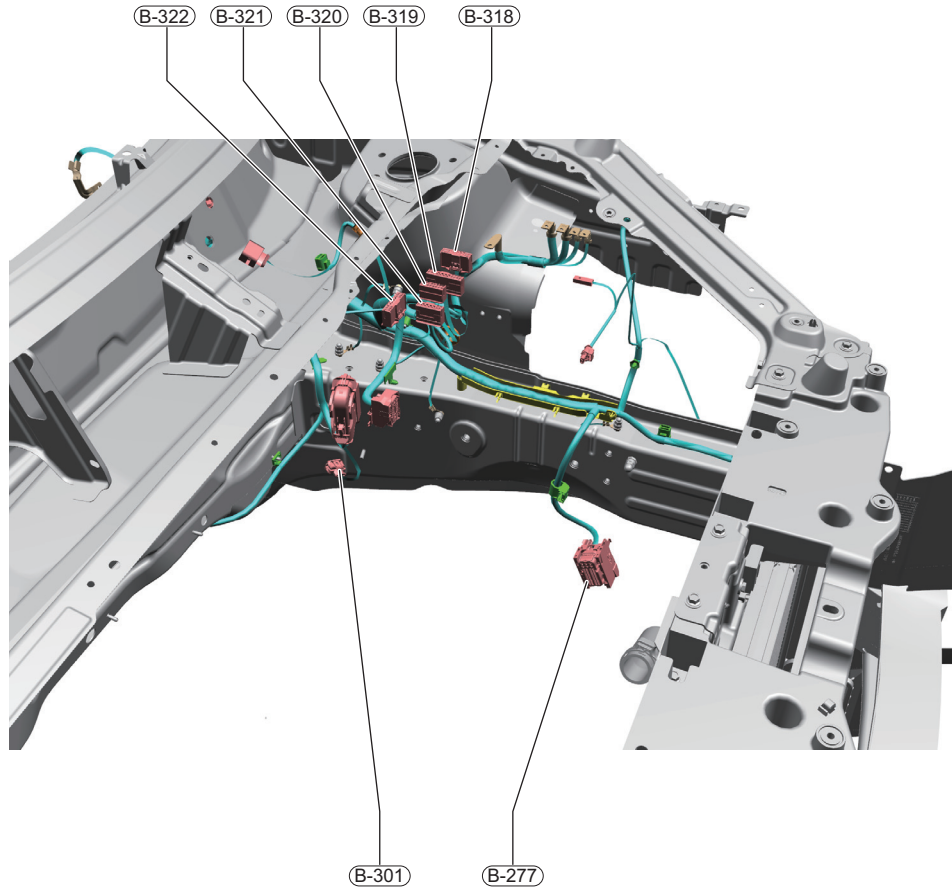
Connector Number	Connector Color/Pin	Connector Name
B-194	/2	GPF Pressure Sensor
B-195	/2	GPF Temperature Sensor
B-012	B/2	Rear Oxygen Sensor



WHE023006

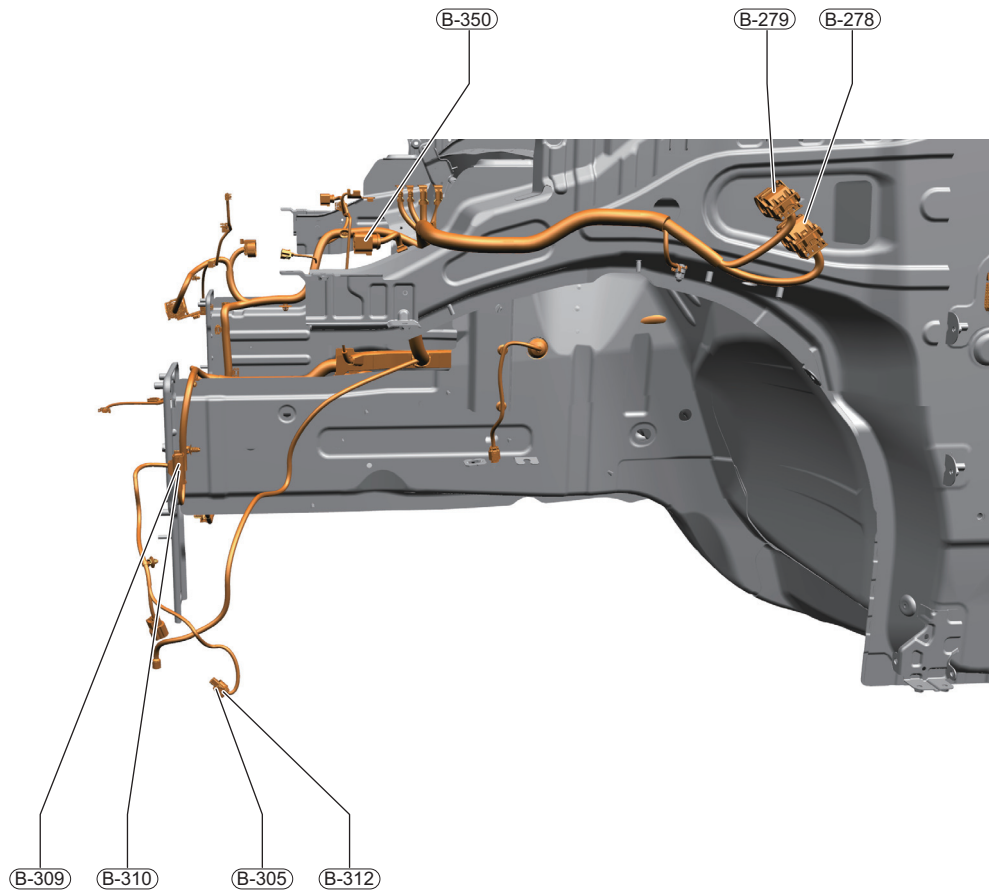
Connector Number	Connector Color/Pin	Connector Name
B-269	/2	Rear Right Clip
B-270	/2	Center Rear Clip
B-271	/2	Rear Left Clip
B-273	B/6	Rear Right Seat Heating
B-191	/4	Rear Bumper PEPS Antenna

10



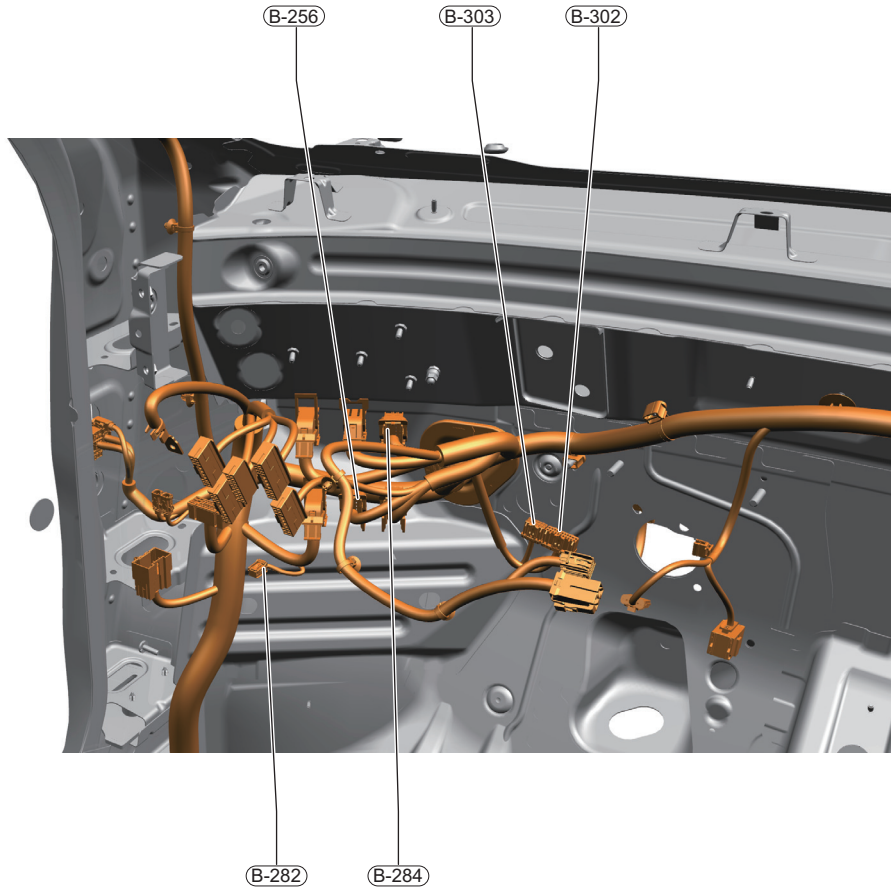
WHE023007

Connector Number	Connector Color/Pin	Connector Name
B-277	B/54	TCU-1.6
B-301	/3	Brake Vacuum Pressure Sensor
B-318	/14	Engine Compartment Fuse Box - 1
B-319	/18	Engine Compartment Fuse Box - 2
B-320	/16	Engine Compartment Fuse Box - 3
B-321	/10	Engine Compartment Fuse Box - 4
B-322	/16	Engine Compartment Fuse Box - 5



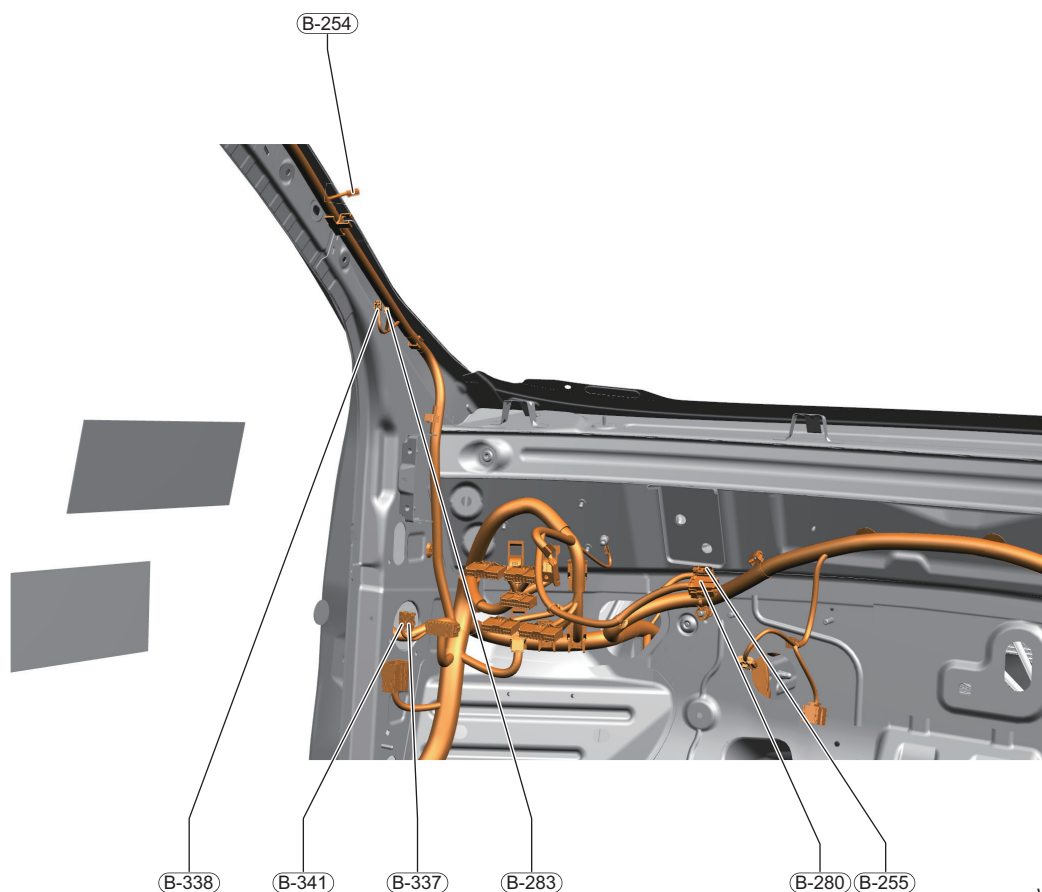
WHE023008

Connector Number	Connector Color/Pin	Connector Name
B-278	/48	TCU-A
B-279	/32	TCU-B
B-305	/2	Washing Fluid Level Sensor
B-309	/2	Washer Motor
B-310	GR/2	Electronic Vacuum Pump
B-312	/2	Washing Fluid Level Sensor
B-350	B/14	Left Headlight



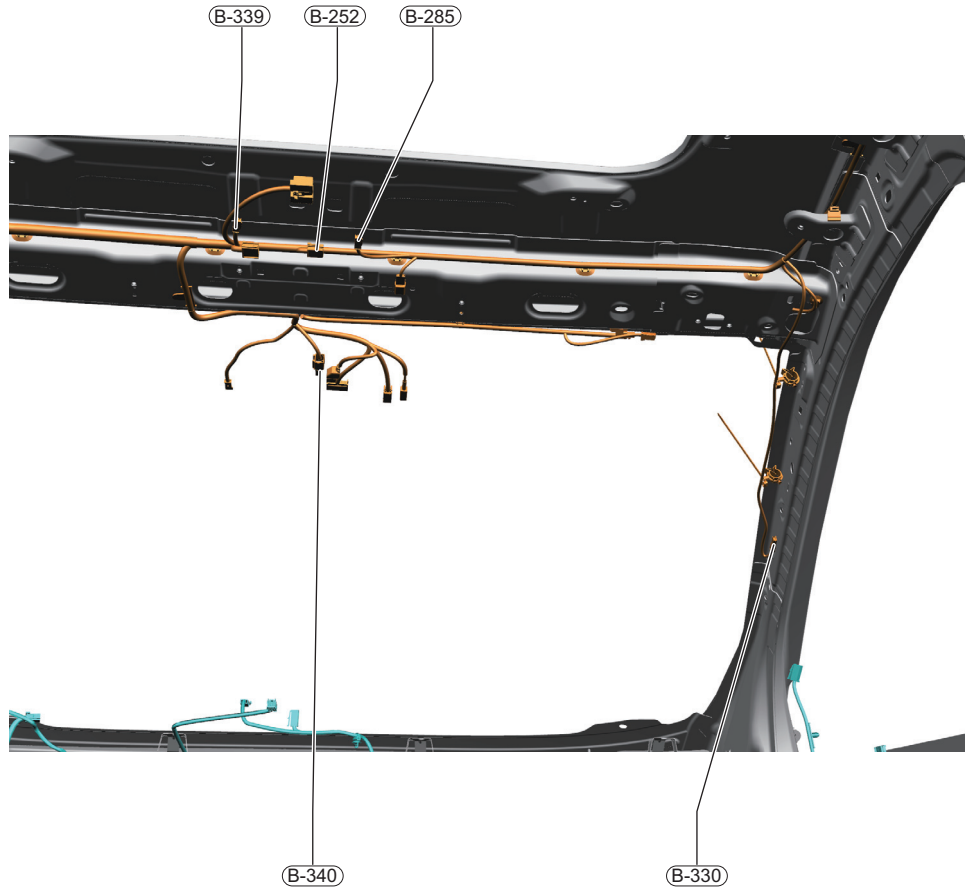
WHE023009

Connector Number	Connector Color/Pin	Connector Name
B-282	/6	Front Left Floor Ambient Light
B-284	/26	Body Control Module - J1
B-302	/22	Electric Side Step Controller - B
B-303	/12	Electric Side Step Controller - A
B-256	/16	OBD



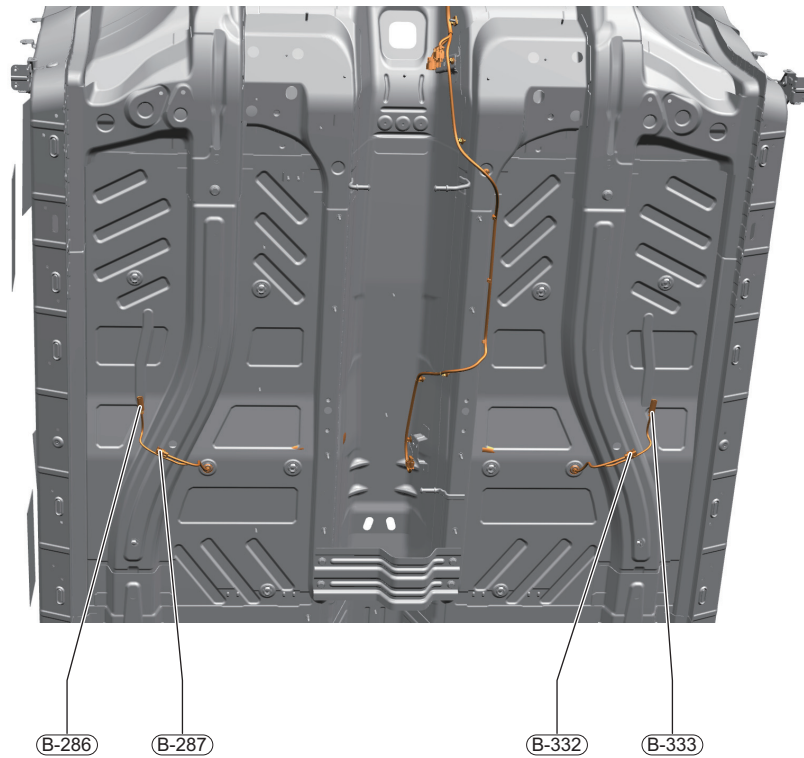
WHE023010

Connector Number	Connector Color/Pin	Connector Name
B-283	/2	DMS Camera
B-337	/1	Personnel Monitoring Camera to Instrument Panel Wire Harness
B-338	/1	Driver Monitoring Camera
B-341	/1	Fatigue Monitoring Camera to Instrument Panel Wire Harness
B-255	/2	TCU Test
B-280	/16	OBD TCU 1.6T
B-254	/1	Front Windshield Heating Ground



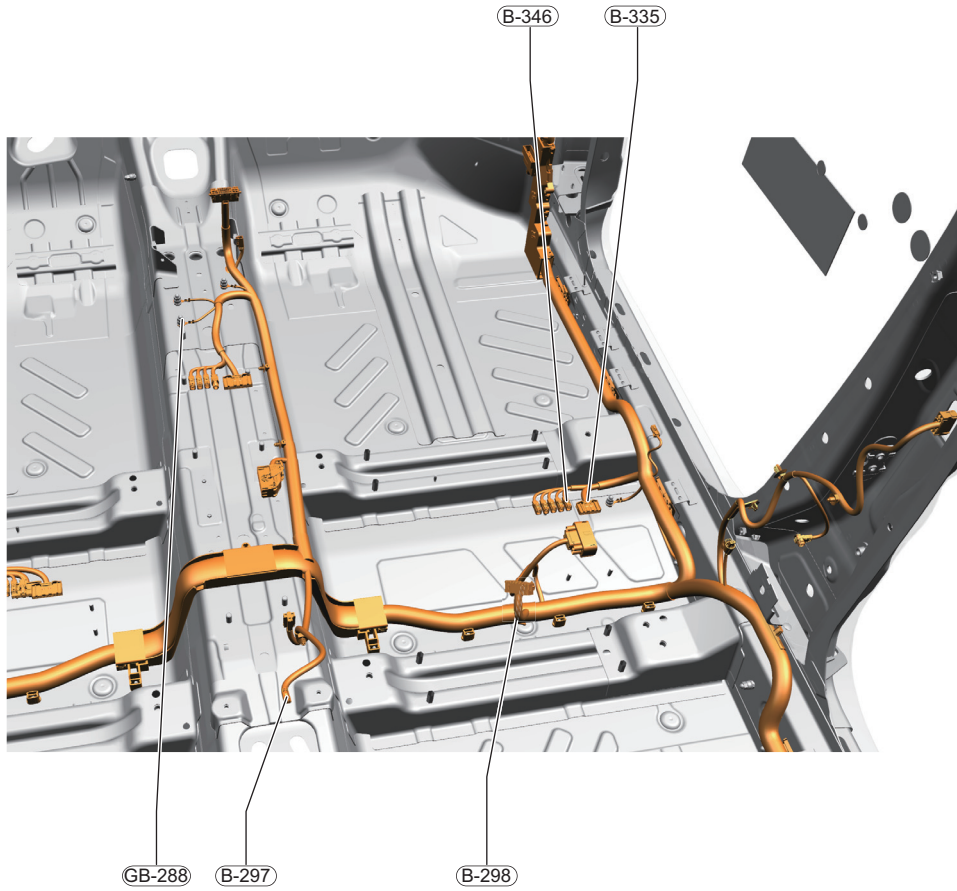
WHE023011

Connector Number	Connector Color/Pin	Connector Name
B-252	/6	SOS SW
B-285	/2	OMS
B-330	/1	Front Windshield Heating Ground
B-339	-	Passenger Monitoring Camera
B-340	-	Fatigue Monitoring Camera
B-348	/2	Ground Monitoring



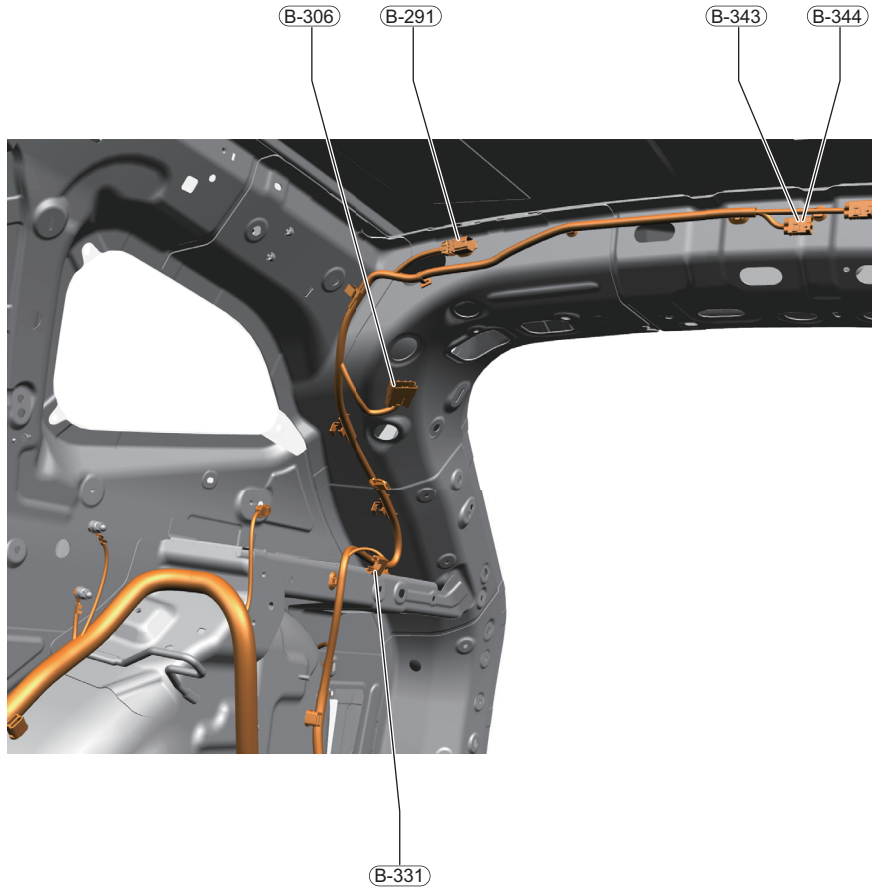
WHE023012

Connector Number	Connector Color/Pin	Connector Name
B-286	/2	Left Electric Side Step Light
B-287	/2	Right Electric Side Step Motor
B-332	/2	Left Electric Side Step Motor
B-333	/2	Left Electric Side Step Light



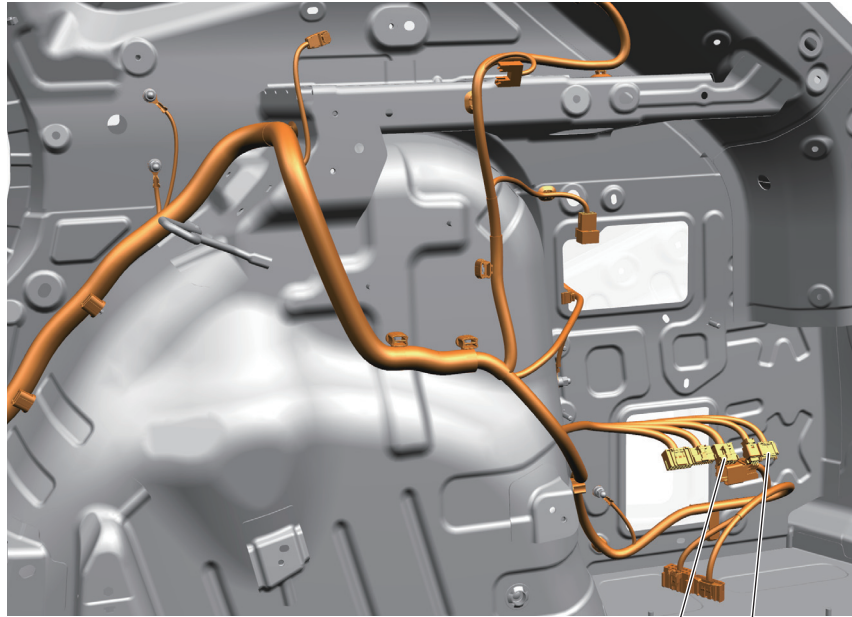
WHE023013

Connector Number	Connector Color/Pin	Connector Name
GB-288	-	Ground
B-297	/6	Rear Seat Sensor
B-335	/16	Rear Seat Heating Interface
B-346	-	360 FAPA
B-298	/40	Glonass



WHE023014

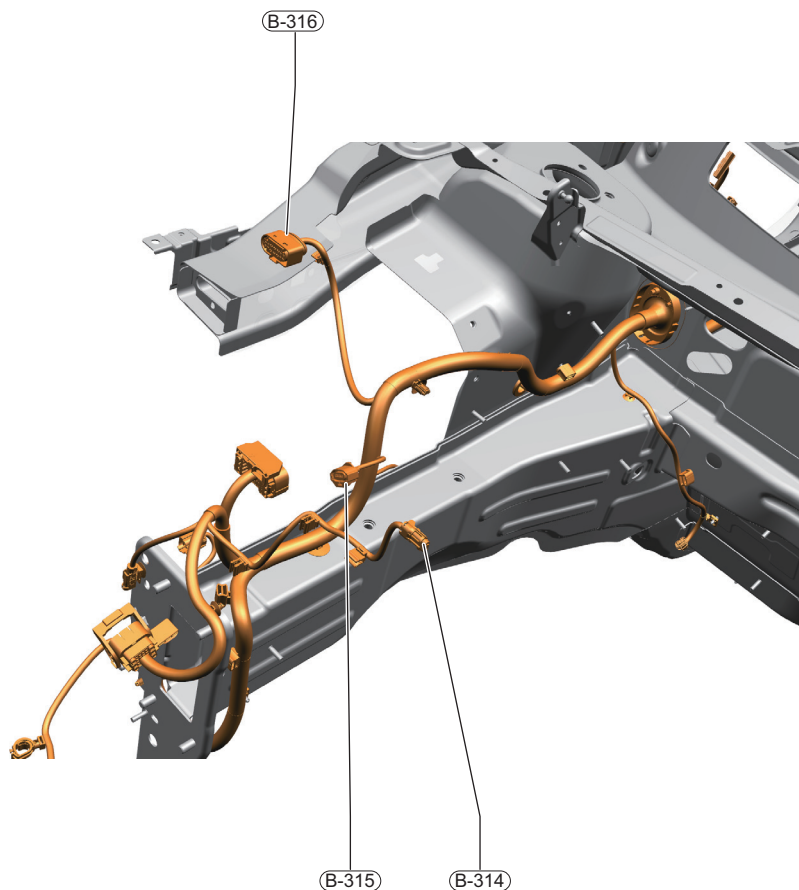
Connector Number	Connector Color/Pin	Connector Name
B-291	/10	Power Support Rod
B-306	/16	To Roof Wire Harness
B-331	/2	Luggage Compartment Light
B-343	-	Antenna
B-344	-	Beidou Navigation



B-292 B-293

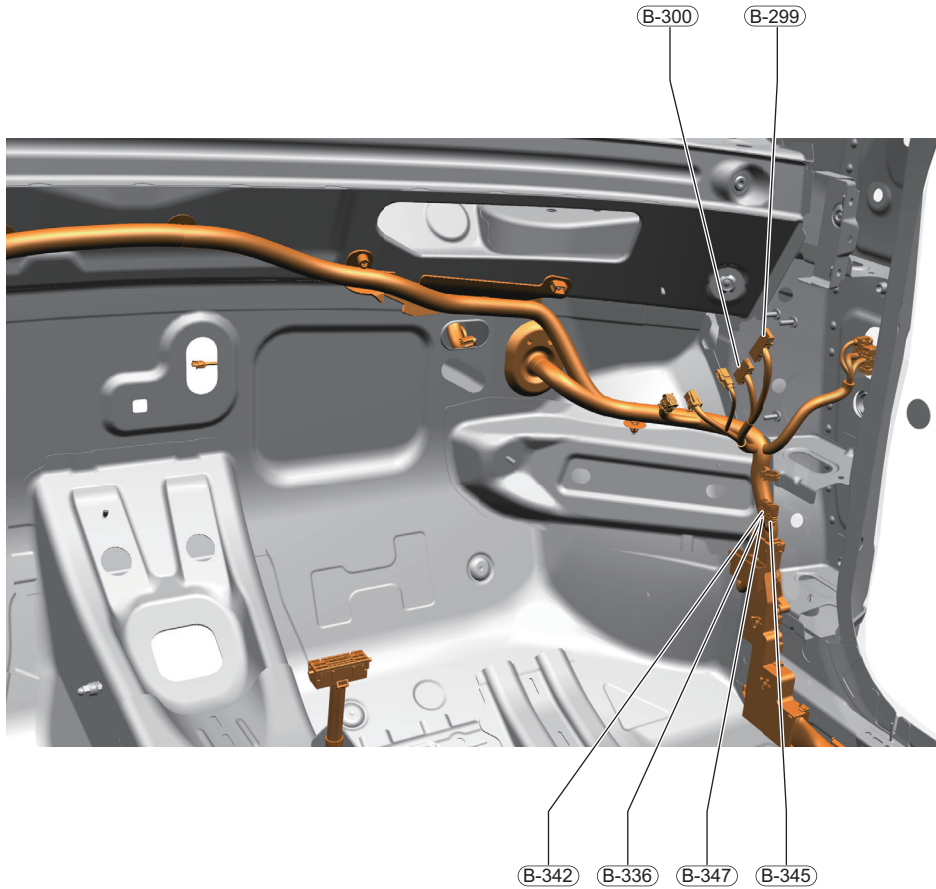
WHE023015

Connector Number	Connector Color/Pin	Connector Name
B-292	/8	Amplifier 3
B-293	/8	Amplifier 4



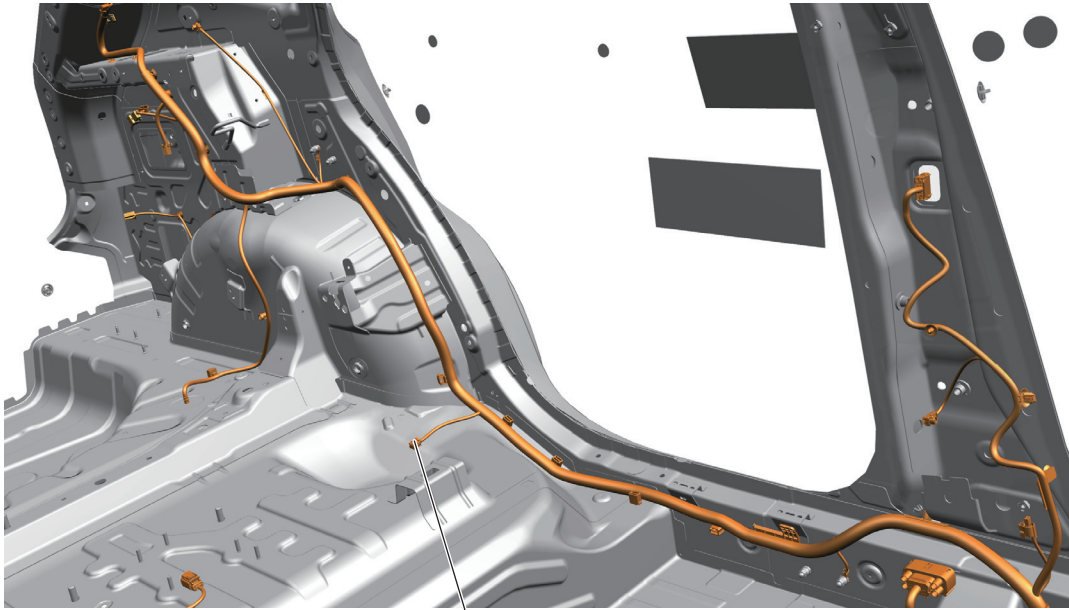
WHE023016

Connector Number	Connector Color/Pin	Connector Name
B-314	B/2	Hood Lock Switch
B-315	B/3	A/C Pressure Switch
B-316	B/14	Right Headlight



WHE023017

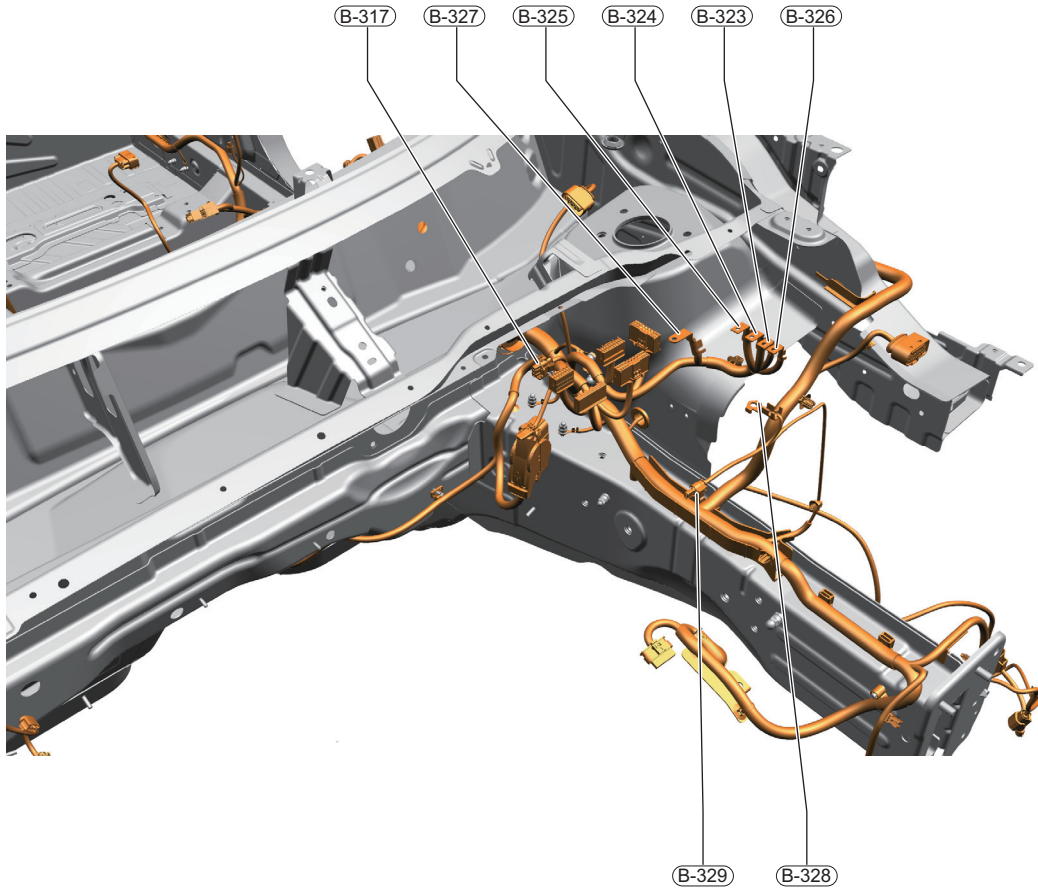
Connector Number	Connector Color/Pin	Connector Name
B-299	/40	Ethernet Gateway B
B-300	/40	Ethernet Gateway A
B-342	/1	Antenna to Instrument Panel Wire Harness
B-336	/1	Panoramic Camera to Instrument Panel Wire Harness
B-345	/1	Beidou Navigation to Instrument Panel Wire Harness
B-347	/1	360 FAPA to Instrument Panel Wire Harness



B-296

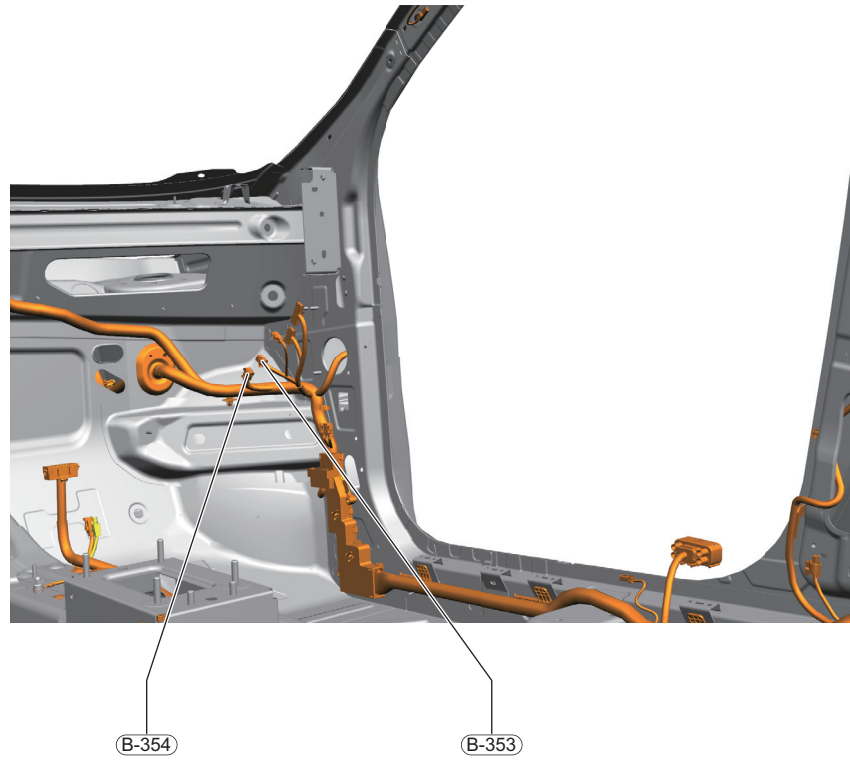
WHE023018

Connector Number	Connector Color/Pin	Connector Name
B-296	/6	Rear Left Seat Heating



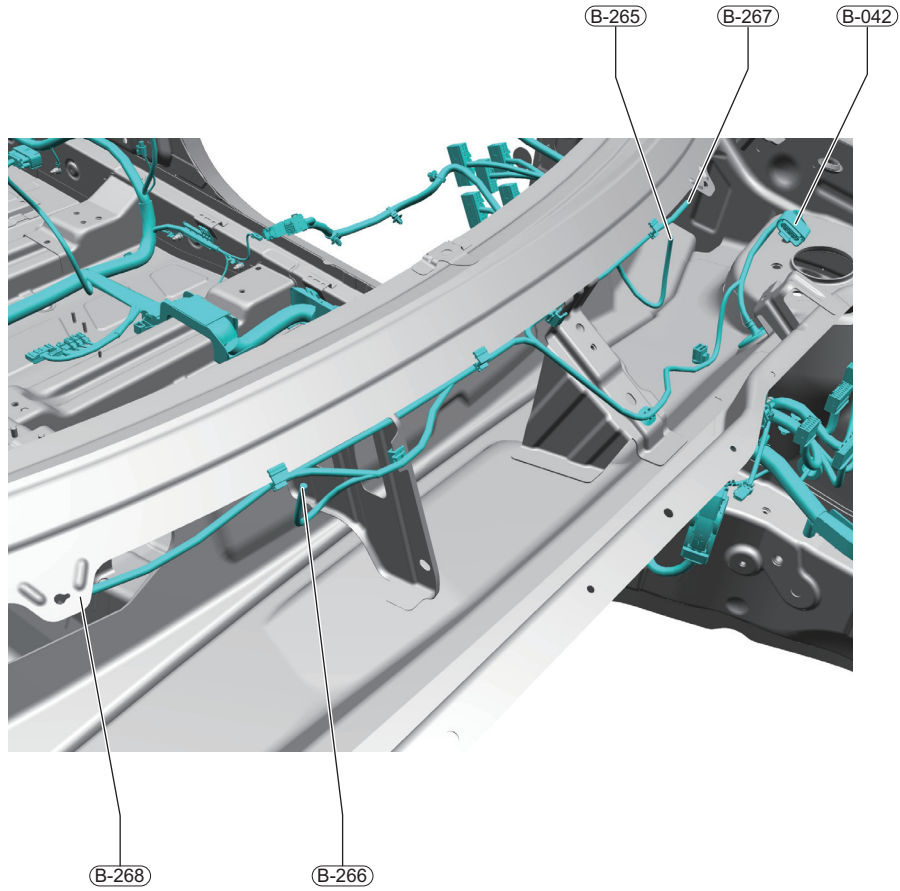
WHE023019

Connector Number	Connector Color/Pin	Connector Name
B-317	B/2	Brake Fluid Level Sensor
B-323	/1	EPS Positive
B-324	/1	Instrument Panel Fuse Box Positive
B-325	/1	EPS Positive
B-326	/1	ESC Positive
B-327	/1	Front Compartment Fuse Box Power Supply
B-328	/1	Battery Sensor Power Supply
B-329	/2	Battery Sensor



WHE023020

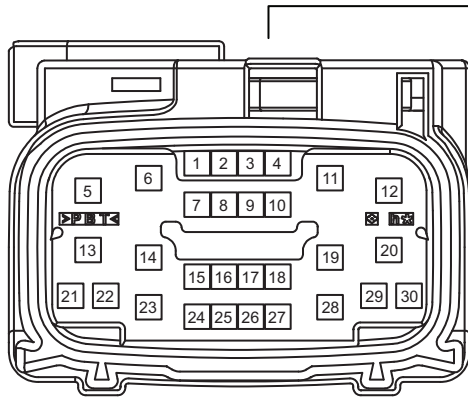
Connector Number	Connector Color/Pin	Connector Name
B-353	B/1	DMS FAKRA DMS ECU
B-354	B/12	DMS Module International



WHE023021

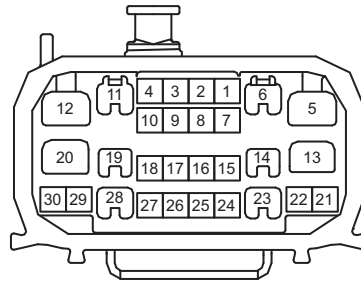
Connector Number	Connector Color/Pin	Connector Name
B-042	B/4	Front Wiper Motor
B-265	B/2	Heated Nozzle L
B-266	B/2	Heated Nozzle R
B-267	B/1	Front Windshield Heating 1
B-268	B/1	Front Windshield Heating 2

Interior Wire Harness Connector List



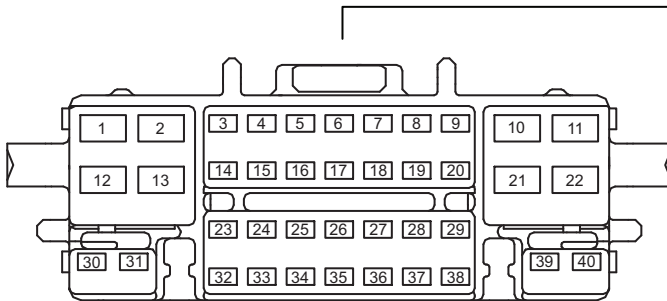
(B-001)
B

Interior Wire Harness to Engine Wire Harness



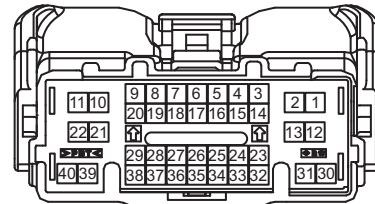
(E-119)
B

Engine to Interior Wire Harness



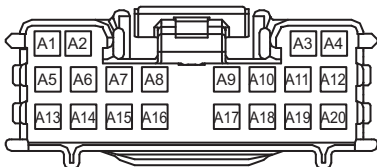
(B-002)
B

Interior Wire Harness to IP Wire Harness



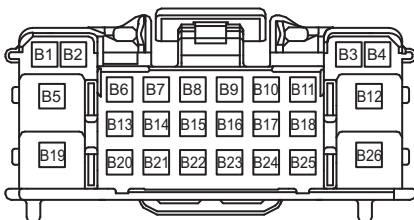
(I-035)
B

IP to Interior Center Wire Harness



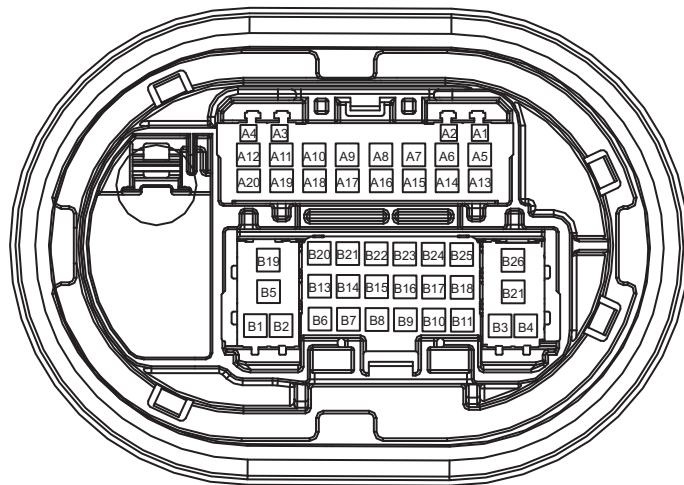
(B-005)
W

Interior Wire Harness to Front Left Door Wire Harness 1



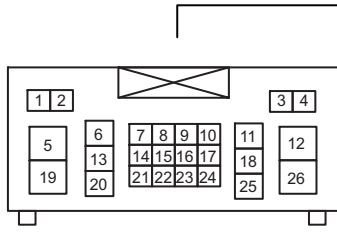
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W

Interior Wire Harness to Front Left Door Wire Harness 2



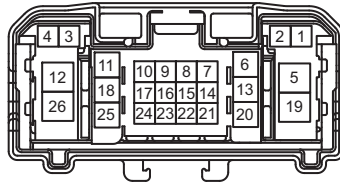
(F-001)
W

Door FL to Interior Wire Harness



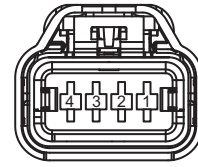
(B-008)
W

Interior to Door RL Wire Harness



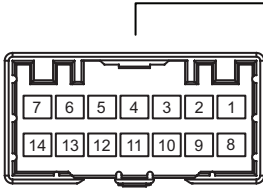
(L-001)
W

Interior to Door RL Wire Harness



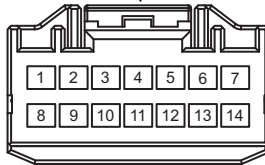
(B-012)
B

Rear Oxygen Sensor



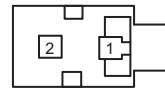
(B-009)
W

Interior Wire Harness to
Back Door Wire Harness 1

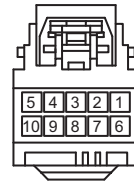


(T-001)
W

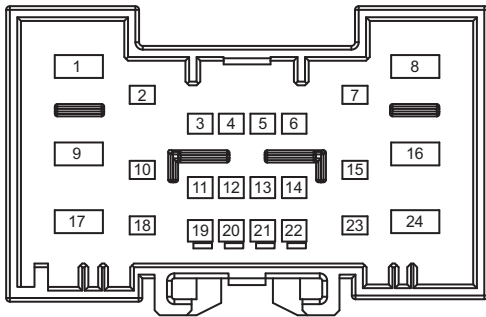
Back Door Wire Harness
to Interior Wire Harness 1



(B-013)
B
EPS-B

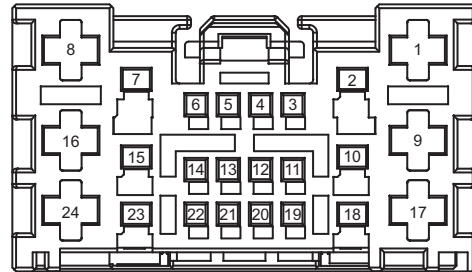


(B-014)
B
EPS-A



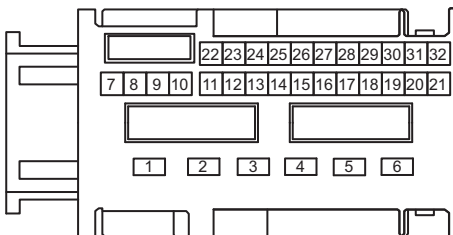
(B-011)
W

Interior Wire Harness to IP Wire Harness 3



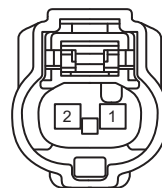
(I-027)
W

IP Wire Harness to Interior Wire Harness 3



(B-018)
W

Driver Seat to Interior Connector



(B-019)
Y

Left Side Collision Sensor



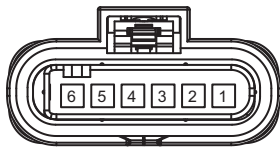
(B-020)
B

Driver Side Seat
Belt Pretensioner

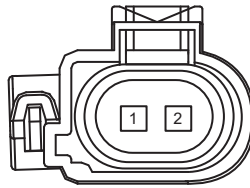
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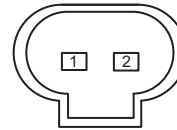
(B-021)
B
Seat Belt Pretensioner RL



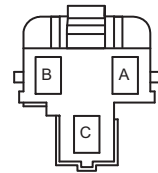
(B-022)
B
4WD Coupler



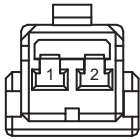
(B-023)
W
Left EPB motor



(B-024)
B
Rear Left Wheel Speed Sensor



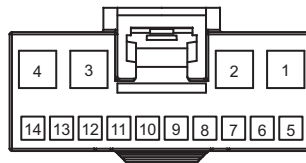
(B-025)
W
12V Backup Power Supply



(B-027)
W
Driver Visor



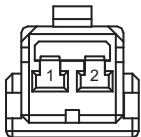
(B-028)
Y
Left Curtain Shield Airbag



(B-029)
W
Sunroof



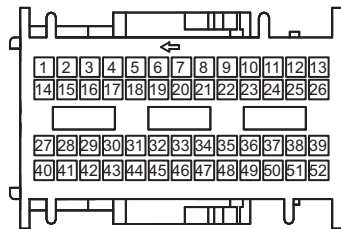
(B-030)
B
Rain Sensor



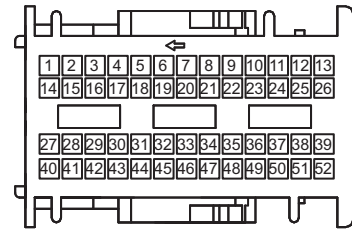
(B-031)
W
Front Passenger Visor



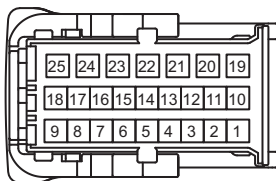
(B-032)
Y
Right Curtain Shield Airbag



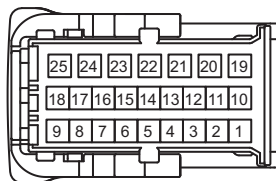
(B-033)
B
Body Domain Control Module - A



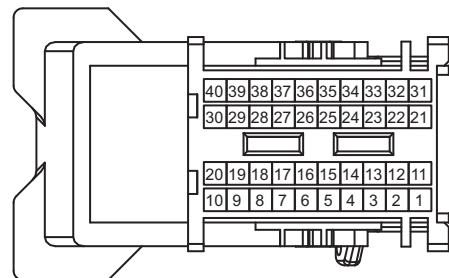
(B-034)
W
Body Domain Control Module - B



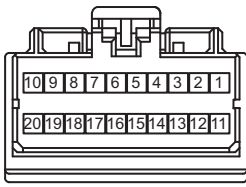
(B-035)
B
Body Domain Control Module - C



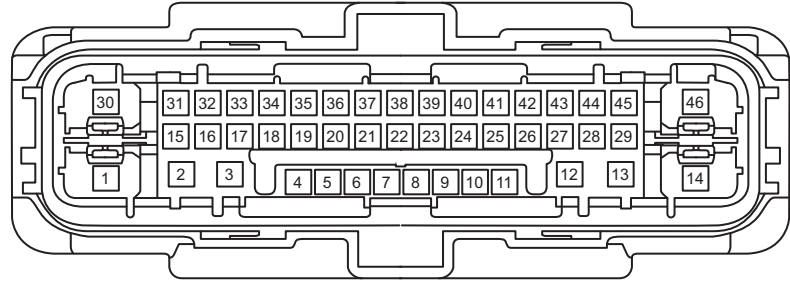
(B-036)
W
Body Domain Control Module - D



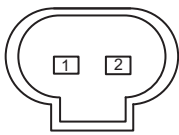
(B-037)
W
Body Domain Control Module - E



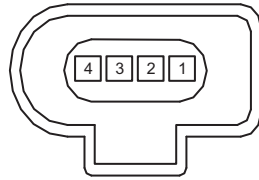
(B-039)
B
Central Gateway



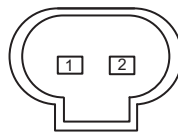
(B-040)
B
ESC



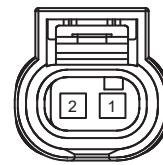
(B-041)
B
Brake Fluid Level Sensor



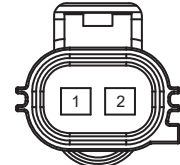
(B-042)
B
Front Wiper Motor



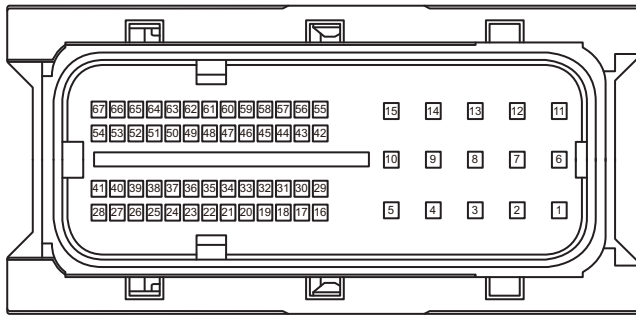
(B-043)
B
Wheel Speed Sensor FL



(B-045)
W
Battery Sensor



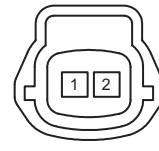
(B-046)
Gr
Electronic Vacuum Pump



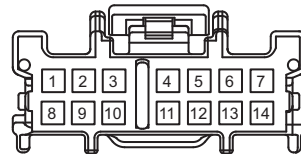
(B-044)
B
TCU-A



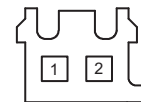
(B-047)
Y
Front Left Collision Sensor



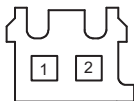
(B-048)
B
Washer Motor



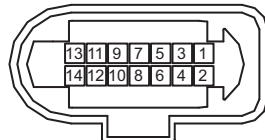
(B-049)
W
Sunroof Module



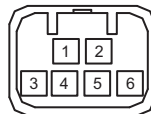
(B-050)
W
Microphone RH



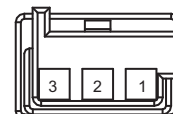
(B-051)
W
Microphone LH



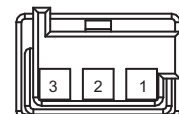
(B-053)
B
Left Headlight



(B-054)
W
Rear Combination Light LH



(B-055)
L
Right Map Light

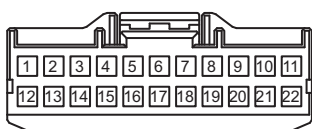


(B-056)
L
Left Map Light

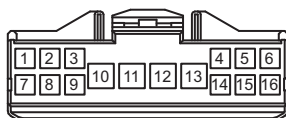
EPU011001



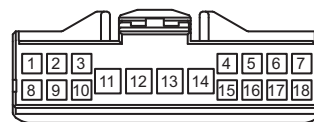
(B-057)
Instrument Panel
Fuse Box Power Supply



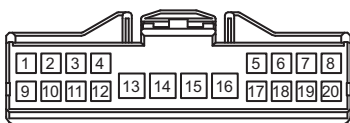
(B-058)
W
Instrument Panel Fuse Box - 1



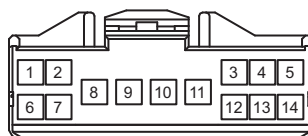
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W
Instrument Panel Fuse Box - 2



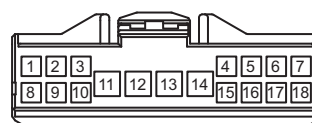
(B-060)
W
Instrument Panel Fuse Box - 3



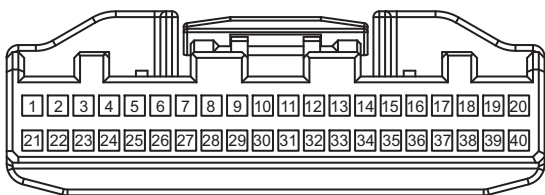
(B-061)
W
Instrument Panel Fuse Box - 4



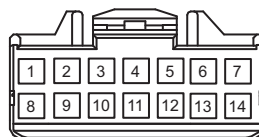
(B-062)
W
Engine Compartment Fuse Box - 1



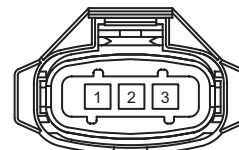
(B-063)
W
Engine Compartment Fuse Box - 2



(B-064)
W
Engine Compartment Fuse Box - 3



(B-065)
W
Engine Compartment Fuse Box - 4



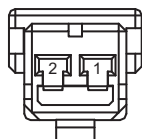
(B-067)
B
Brake Vacuum Sensor



(B-068)
B
Cooling Fan



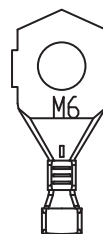
(B-070)
Battery Sensor
Power Supply



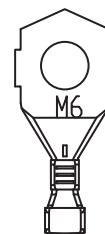
(B-072)
W
Left Rocker Light



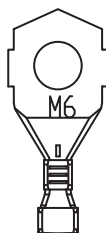
(GB-073)
B
Ground Point G1.1



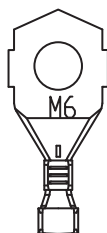
(GB-074)
Ground



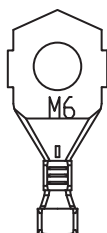
(GB-076)
Ground



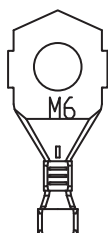
(GB-077)
Ground



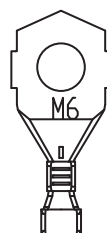
(GB-078)
Ground



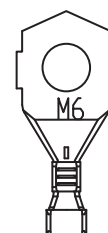
(GB-079)
Ground



(GB-080)
Ground

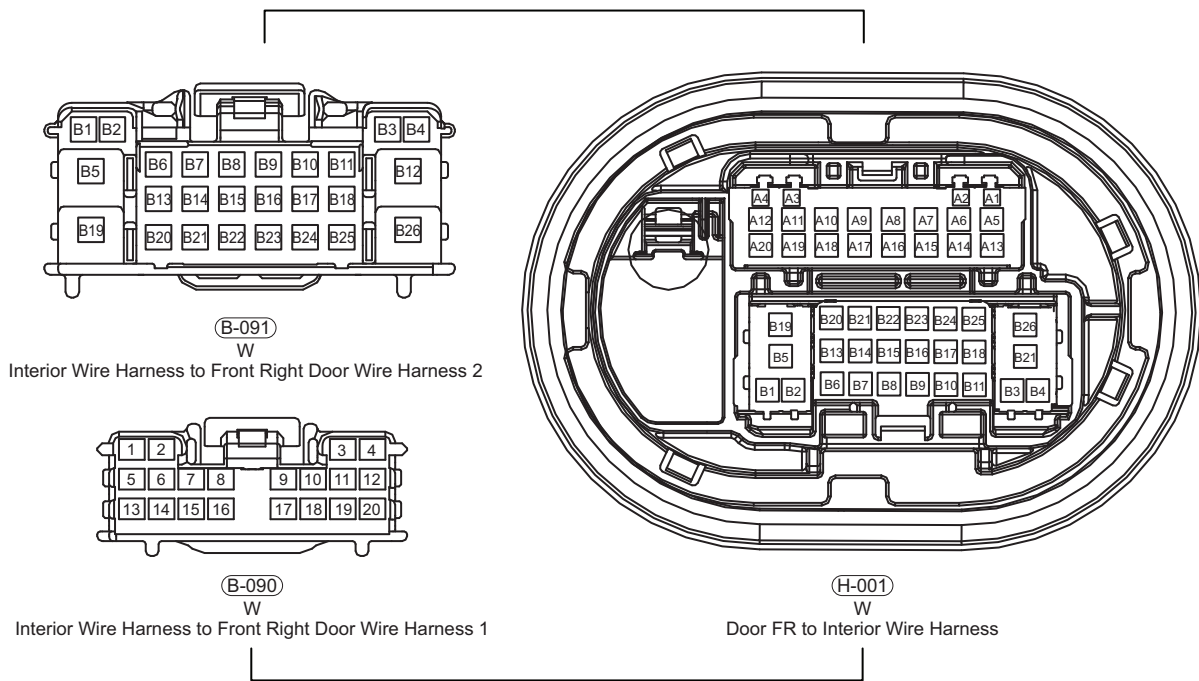
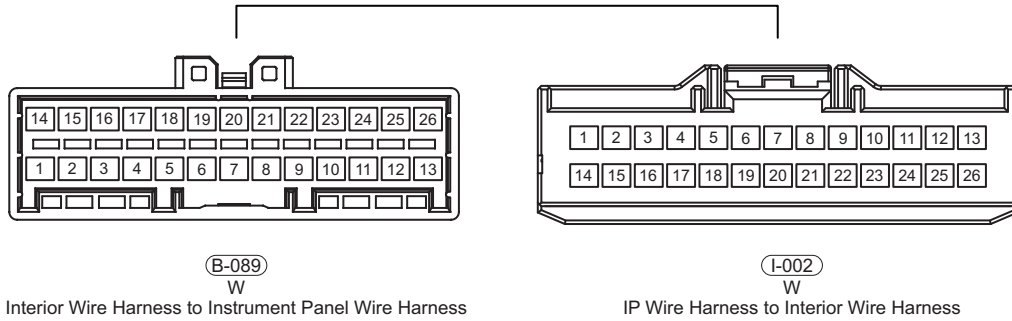
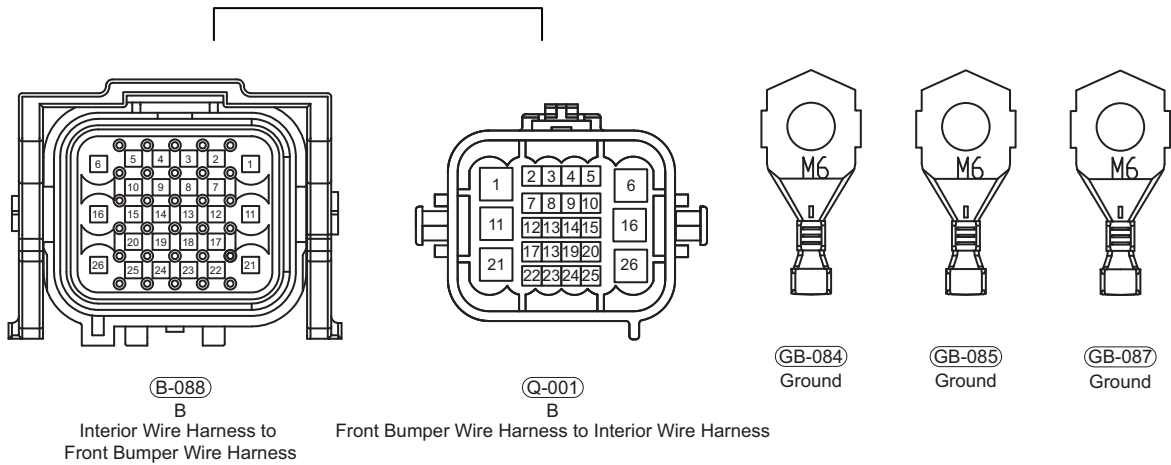


(GB-081)
Ground

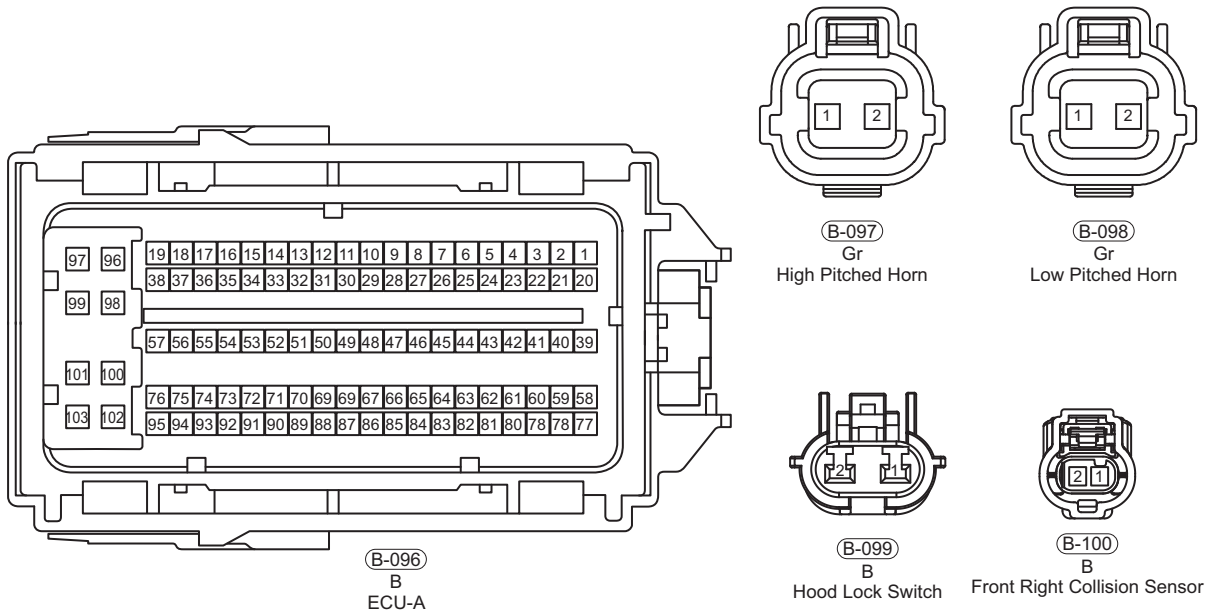
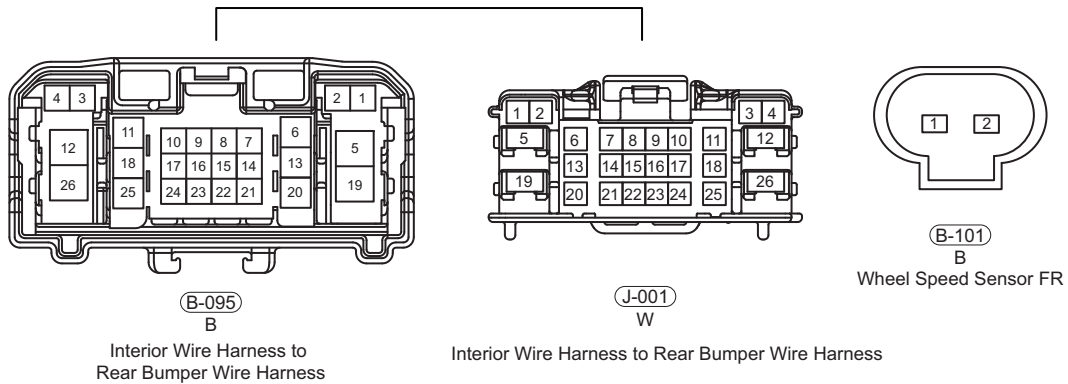
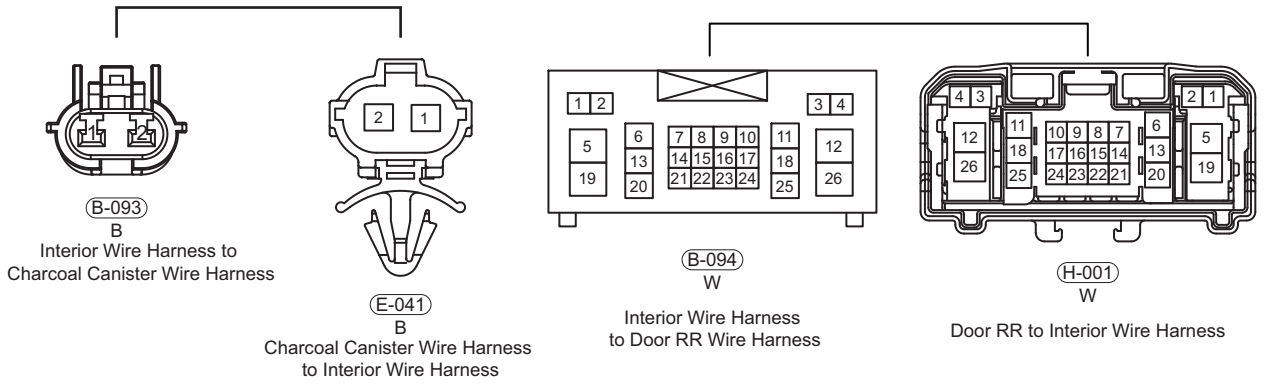


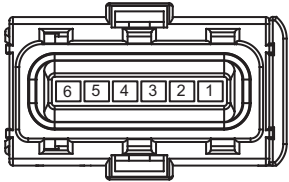
(GB-083)
Ground

EPU012001



EPU013001





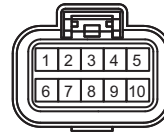
(B-102)
B
Electronic Accelerator Pedal



(B-106)
Y
Right Side Collision Sensor



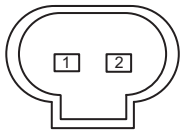
(B-107)
B
Front Passenger Side Seat Belt Pretensioner



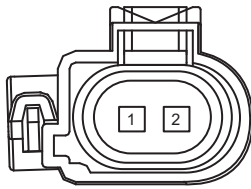
(B-108)
Y
Fuel Pump



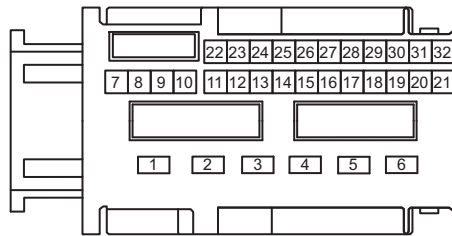
(B-112)
B
Rear Right Seat Belt Pretensioner



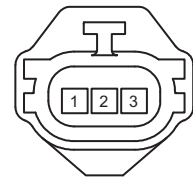
(B-113)
B
Rear Right Wheel Speed Sensor



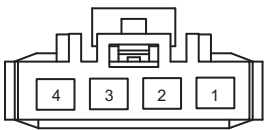
(B-114)
W
Right EPB Motor



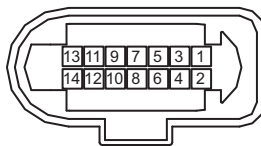
(B-115)
W
Interior Wire Harness to Front Passenger Seat Wire Harness



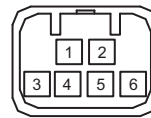
(B-116)
B
A/C Pressure Switch



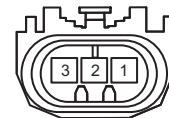
(B-118)
W
Brake Switch



(B-119)
B
Right Headlight



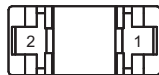
(B-120)
W
Rear Combination Light RH



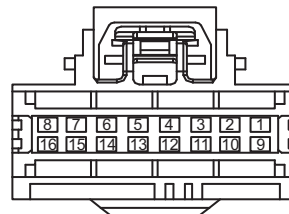
(B-121)
B
Fuel Tank Pressure Sensor



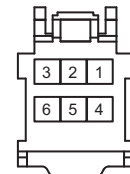
(B-122)
B
Low Fuel Pressure Sensor



(B-123)
B
Luggage Compartment Light

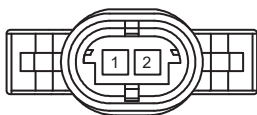


(B-124)
B
Back door controller-A

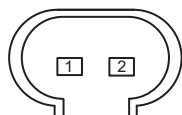


(B-125)
B
Back door controller-B

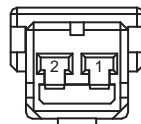
EPU014001



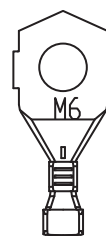
(B-126)
B
Outside Temperature Sensor



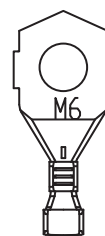
(B-131)
B
Electric Fuel Tank Cap



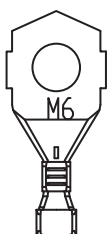
(B-132)
W
Right Rocker Light



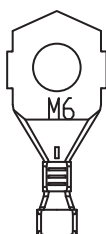
(GB-133)
Ground



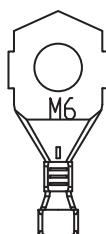
(GB-134)
Ground



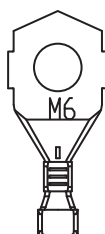
(GB-135)
Ground



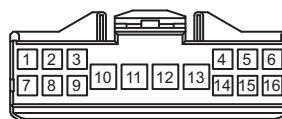
(GB-136)
Ground



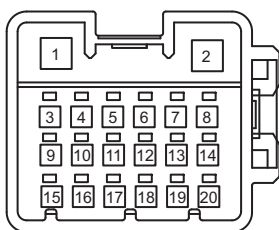
(GB-137)
Ground



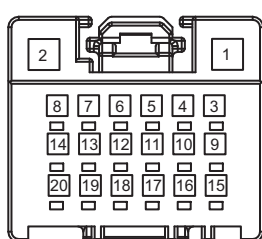
(GB-141)
Ground



(B-144)
W
Instrument Panel Fuse Box - 5



(B-143)
B
Interior Wire Harness to
Back Door Wire Harness 2



(T-002)
B
Back Door Wire Harness
to Interior Wire Harness 2



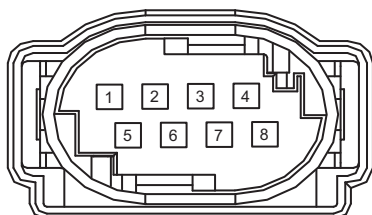
(B-147)
W
Drive Recorder - A



(B-148)
W
Inside Rear View Mirror



(B-149)
B
Front camera



(B-150)
B
Front Radar Module

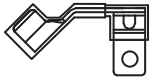


(B-194)
B
GPF Pressure Sensor

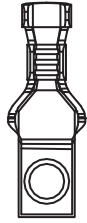


(B-195)
B
GPF Temperature Sensor

EPU015001



(B-197)
Front Compartment
Fuse Box Power Supply



(B-198)
ESC Positive



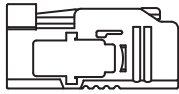
(B-199)
EPS Positive



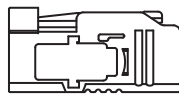
(B-200)
Instrument Panel
Fuse Box Positive



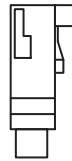
(B-201)
Front Compartment
Fuse Box Positive



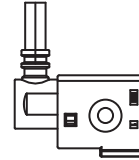
(B-215)
Interior to IP
Wire Harness
(Driving Recorder)



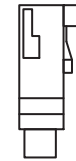
(B-216)
Interior Wire Harness to
IP Wire Harness
(Face Camera)



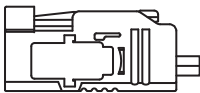
(B-217)
Interior Wire Harness to
Front Left Door Wire Harness
(Panoramic Camera)



(B-219)
Drive Recorder - B



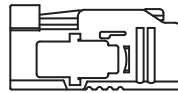
(B-220)
Interior Wire Harness to
Front Right Door Wire Harness
(Panoramic Camera)



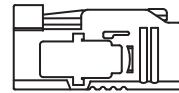
(B-221)
Interior Wire to
IP Wire
(Tuner Antenna)



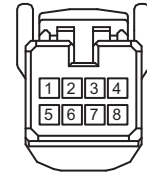
(B-222)
Interior Wire Harness
to IP Wire Harness
(Panoramic Controller)



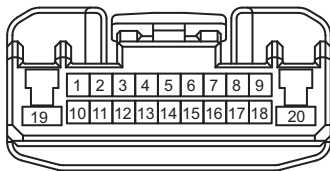
(B-223)
Panoramic Controller - C
(Rear Camera)



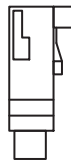
(B-225)
Panoramic Controller - E
(Left Camera)



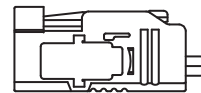
(B-228)
W
Panoramic Controller
(without APA) - A



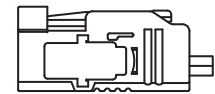
(B-229)
W
Parking Radar Controller



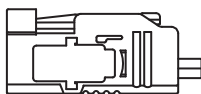
(B-230)
Interior Wire Harness
to IP Wire Harness (DMC)



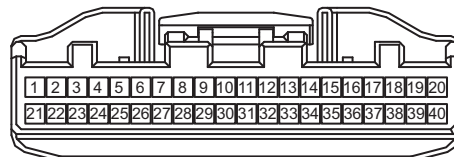
(B-231)
Remote Communication
Gateway (4G Antenna 1) - B



(B-232)
Remote Communication
Gateway (GPS Antenna) - C

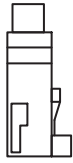


(B-233)
Remote Communication Gateway
(4G Antenna 2) - D



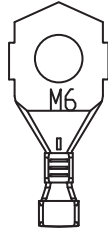
(B-236)
W
Remote Communication Gateway - A

EPU016001



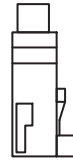
(B-241)

Interior Wire Harness to Back Door Wire Harness (Panoramic Camera)



(GB-243)

Ground



(B-244)

Interior Wire Harness to Front Bumper Wire Harness (Panoramic Camera)



(GB-246)

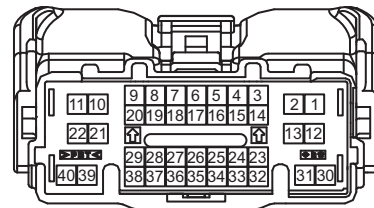
Ground Point G1.3A



(B-245)

B

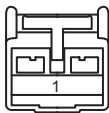
Interior Wire Harness to Instrument Panel Wire Harness



(I-001)

B

IP to Interior Wire Harness LH 1



(B-254)

B

Front Windshield Heating Ground



(B-255)

B

TCU Test



(GB-249)

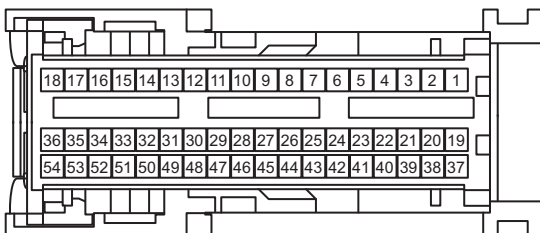
Ground Point G1.1A



(B-252)

B

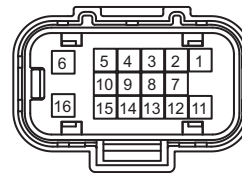
SOS SW



(B-257)

B

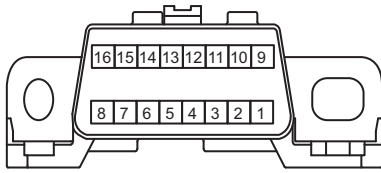
Airbag ECU



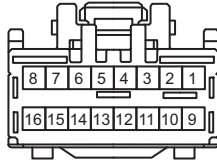
(B-247)

B

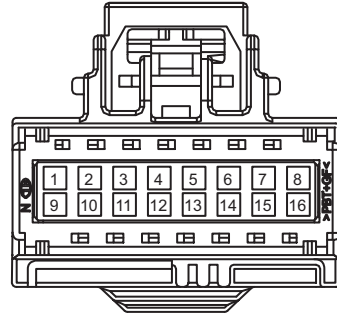
TCU Three-in-one Wire Harness Assembly 2.0



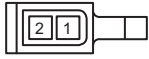
(B-256)
B
OBD



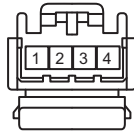
(B-258)
B
Amplifier 2



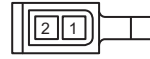
(B-259)
B
Amplifier 1



(B-260)
B
Right Surround Audio



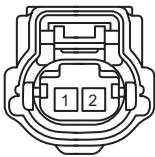
(B-261)
B
Sub Woofer



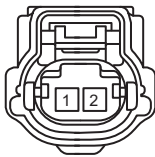
(B-262)
B
Left Surround Audio



(GB-264)
B
Ground Point G2.19



(B-265)
B
Heated Nozzle L



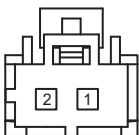
(B-266)
B
Heated Nozzle R



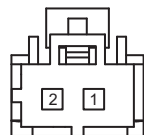
(B-267)
B
Front Windshield Heating 1



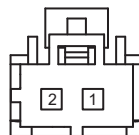
(B-268)
B
Front Windshield Heating 2



(B-269)
B
Rear Right Clip



(B-270)
B
Center Right Clip

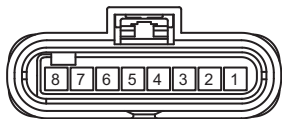


(B-271)
B
Rear Left Clip

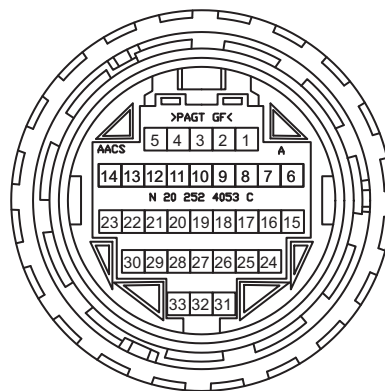
10



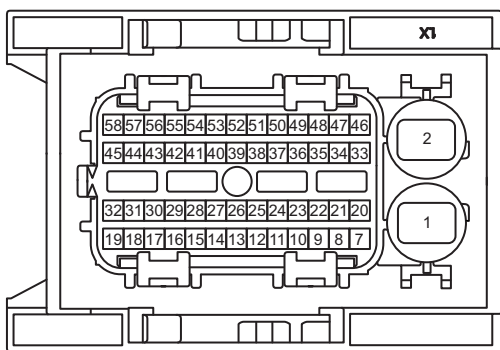
(B-273)
B
Seat Heating RR



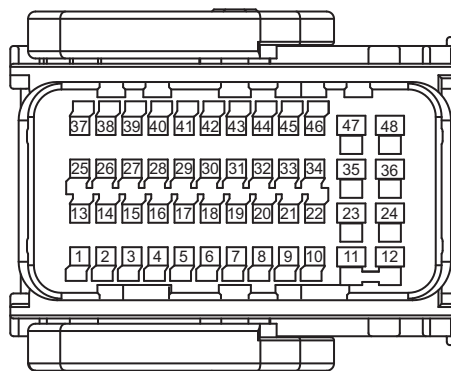
(B-274)
B
Electric Shift Actuator



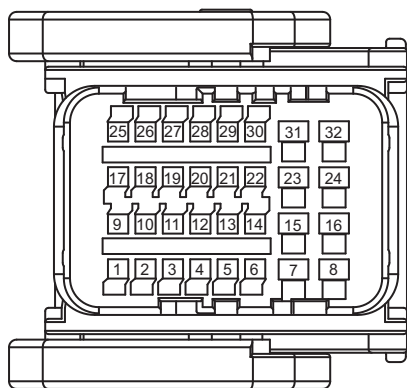
(B-275)
B
Transmission Wire Harness



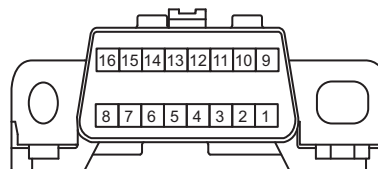
(B-277)
B
TCU



(B-278)
B
TCU-48



(B-279)
B
TCU-32



(B-280)
B
OBD TCU



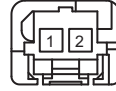
(B-282)
B

Floor Ambient Light FL



(B-283)
B

DMS Camera



(B-285)
B

OMS



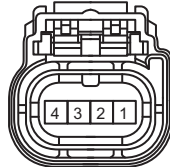
(B-286)
B

Left Electric Side Step Light



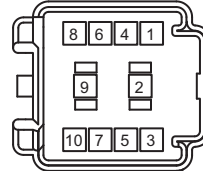
(B-287)
B

Right Electric Side Step Motor



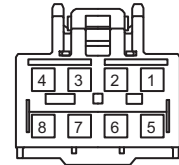
(B-191)
B

Rear Bumper PEPS Antenna



(B-291)
B

Power Support Rod



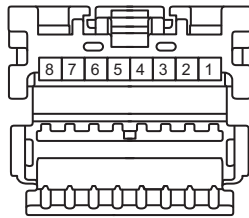
(B-292)
B

Amplifier 3



(GB-288)
B

G2.12



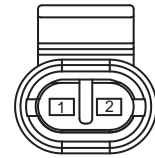
(B-293)
B

Amplifier 4



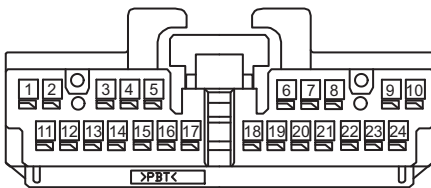
(B-296)
B

Rear Left Seat Heating



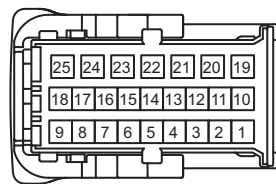
(B-297)
B

Rear A/C Control Panel



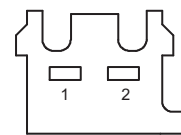
(B-299)
B

Ethernet Gateway B



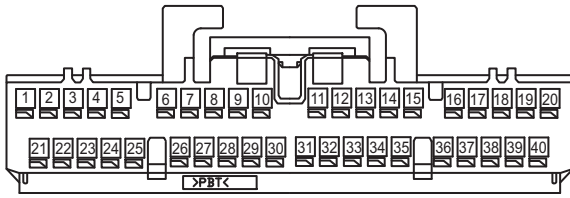
(B-284)
B

Body Domain Control Module - F

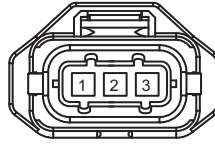


(B-348)
B

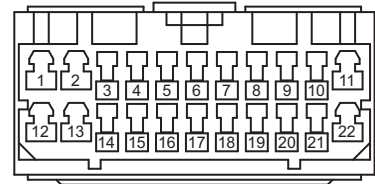
Ground Monitoring



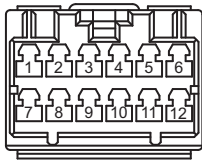
(B-300)
B
Ethernet Gateway A



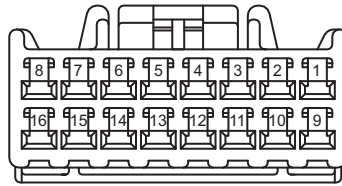
(B-301)
B
Brake Vacuum Pressure Sensor



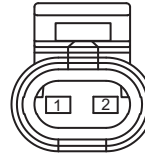
(B-302)
B
Electric Side Step Controller - B



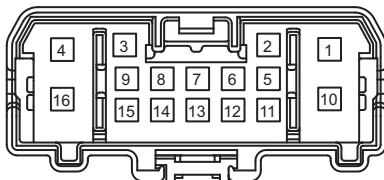
(B-303)
B
Electric Side Step Controller - A



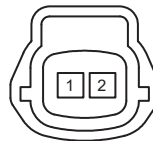
(B-304)
B
Panoramic Controller (with APA) - B



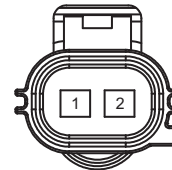
(B-305)
B
Washing Fluid Level Sensor



(B-306)
W
Interior Wire Harness to Roof Wire Harness



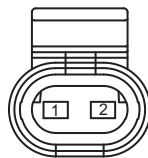
(B-309)
B
Washer Motor



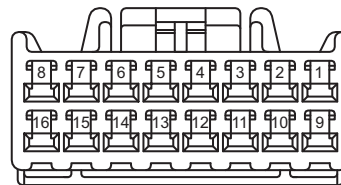
(B-310)
Gr
Electronic Vacuum Pump



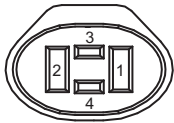
(B-311)
Y
Front Left Collision Sensor



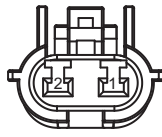
(B-312)
B
Washing Fluid Level Sensor



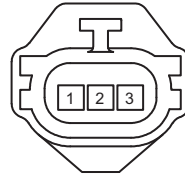
(B-335)
B
Rear Seat Heating Interface



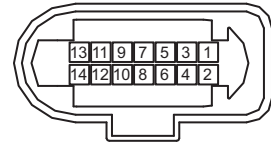
(B-313)
B
Cooling Fan



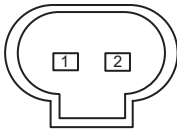
(B-314)
B
Hood Lock Switch



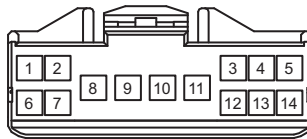
(B-315)
B
A/C Pressure Switch



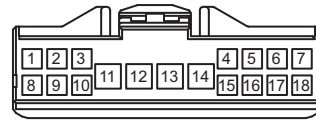
(B-316)
B
Right Headlight



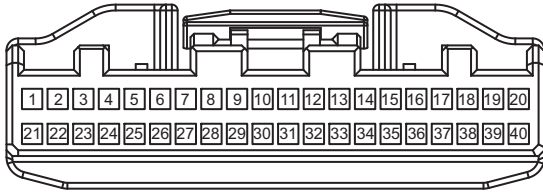
(B-317)
B
Brake Fluid Level Sensor



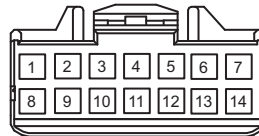
(B-318)
W
Engine Compartment Fuse Box - 1



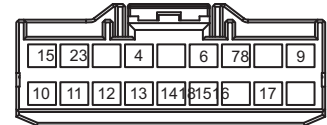
(B-319)
W
Engine Compartment Fuse Box - 2



(B-320)
W
Engine Compartment Fuse Box - 3



(B-321)
W
Engine Compartment Fuse Box - 4



(B-322)
B
Engine Compartment Fuse Box - 5



(B-323)
EPS Positive



(B-324)
Instrument Panel
Fuse Box Positive



(B-325)
Front Compartment
Fuse Box Positive



(B-326)
ESC Positive



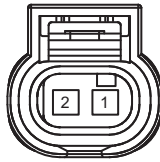
(B-327)
Front Compartment
Fuse Box Power Supply

EPU017006



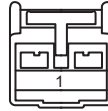
(B-328)

Battery Sensor Power Supply



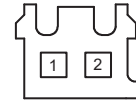
(B-329)

W
Battery Sensor



(B-330)

B
Front Windshield Heating Ground



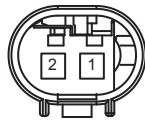
(B-331)

W
Luggage Compartment Light



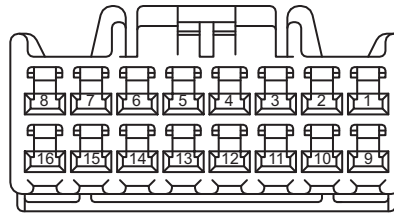
(B-332)

B
Left Electric Side Step Motor



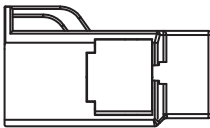
(B-333)

W
Left Electric Side Step Light



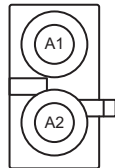
(B-335)

W
Rear Seat Heating Interface



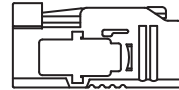
(B-336)

W
Panoramic Camera to IP Wire Harness



(B-337)

W
Personnel Monitoring
Camera to IP Wire Harness



(B-338)

Driver Monitoring Camera



(B-339)

Passenger Monitoring Camera



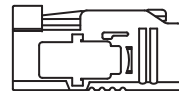
(B-340)

W
Fatigue Monitoring
Camera



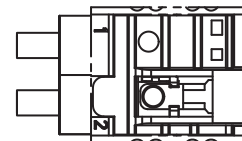
(B-341)

W
Fatigue Monitoring
Camera to IP Wire Harness



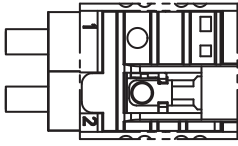
(B-342)

W
Antenna to IP Wire Harness

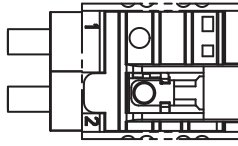


(B-343)

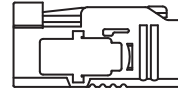
W
Antenna



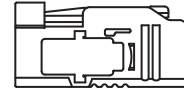
(B-344)
W
Beidou Navigation



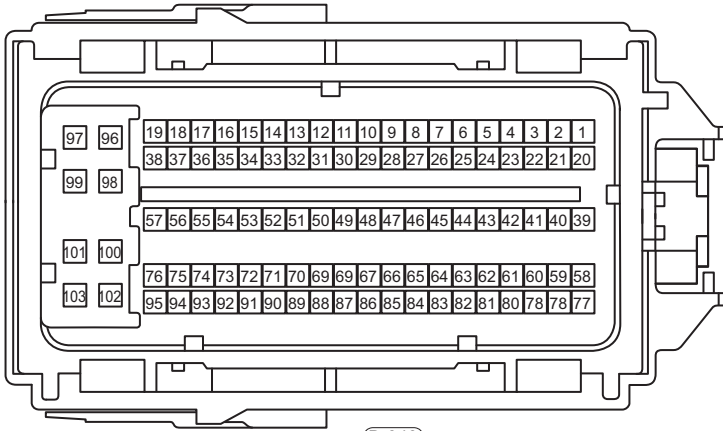
(B-345)
W
Beidou Navigation to IP Wire Harness



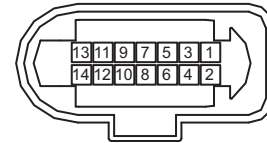
(B-346)
W
360 FAPA



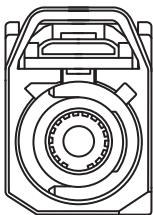
(B-347)
W
360 FAPA to IP Wire Harness



(B-349)
B
ECU-A-1.6T



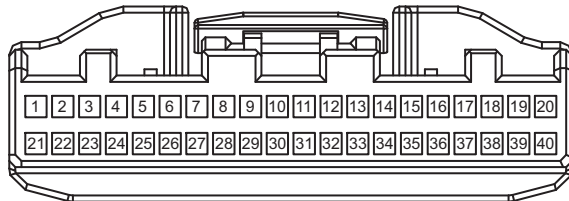
(B-350)
B
Left Headlight



(B-353)
B
DMS FAKRA DMS ECU



(B-354)
B
DMS Module International



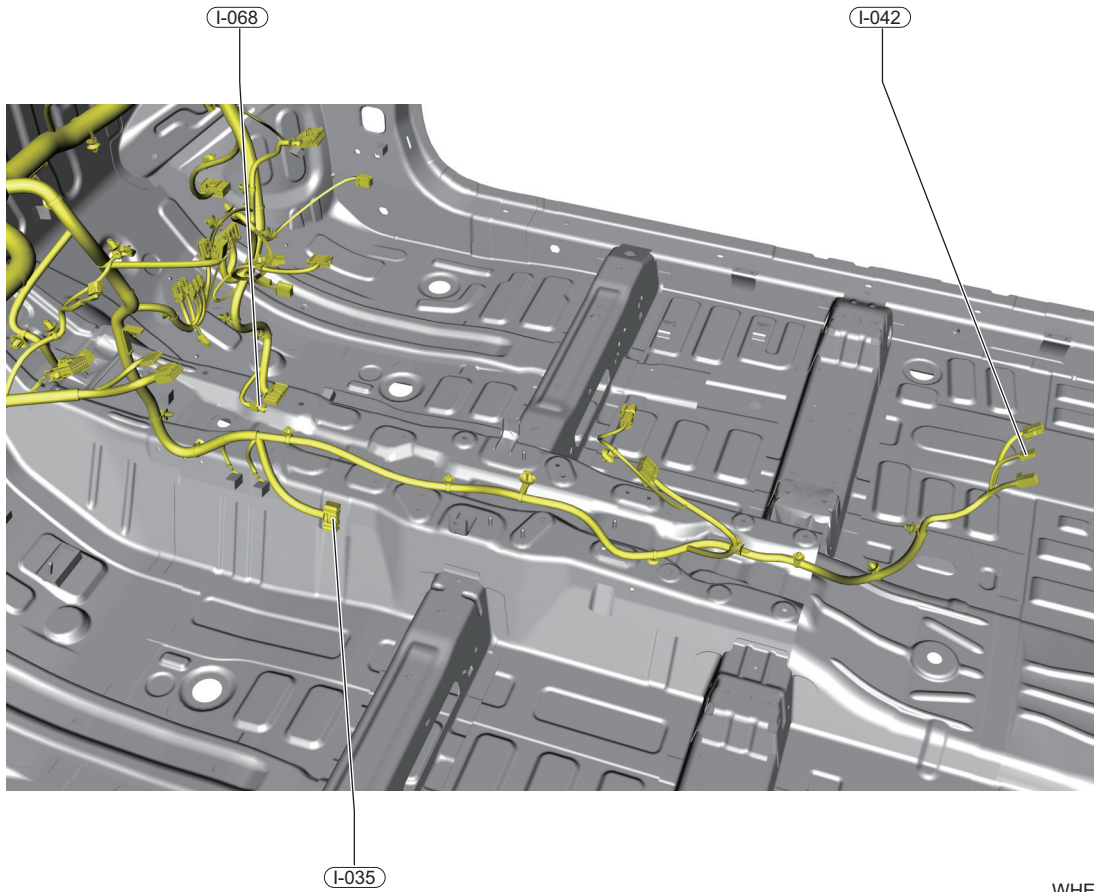
(B-298)
B
GLONASS

Instrument panel wire harness



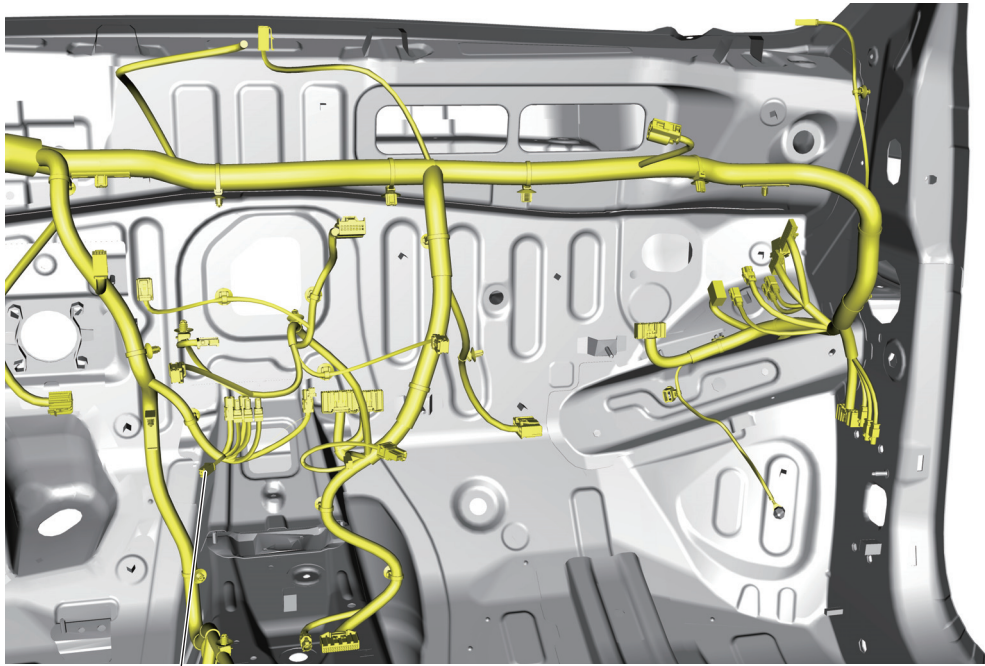
WHE027001

Connector Number	Connector Color/Pin	Connector Name
I-024	/8	Audio Display
I-029	/4	360 Four-in-one Camera
I-030	/2	Audio Head Unit - A2B Socket
I-031	/2	Ethernet 1
I-043	/2	Midrange Speaker
I-059	/38	Audio Head Unit - A
I-060	/35	Audio Head Unit - B
I-061	/16	Auto A/C Panel
I-062	/6	Outlet Ambient Light
I-063	/8	ENGINE START STOP Switch
I-064	/2	Auxiliary Fascia Console Backup Power
I-065	/4	Fragrance Generator
I-066	/6	Instrument Panel Right Ambient Light
I-067	/8	Mobile Phone Wireless Charging Module



WHE028001

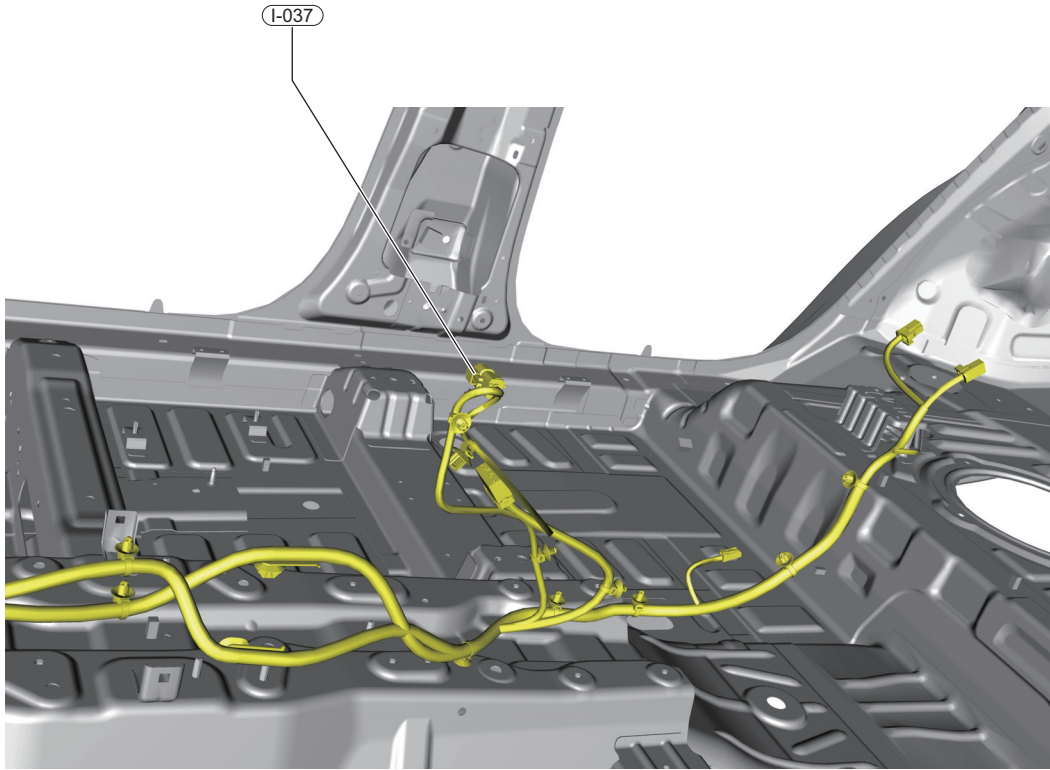
Connector Number	Connector Color/Pin	Connector Name
I-035	/16	Instrument Panel to Interior Center Wire Harness
I-042	/6	Second Row A/C Panel
I-068	/2	Ethernet 4



I-032

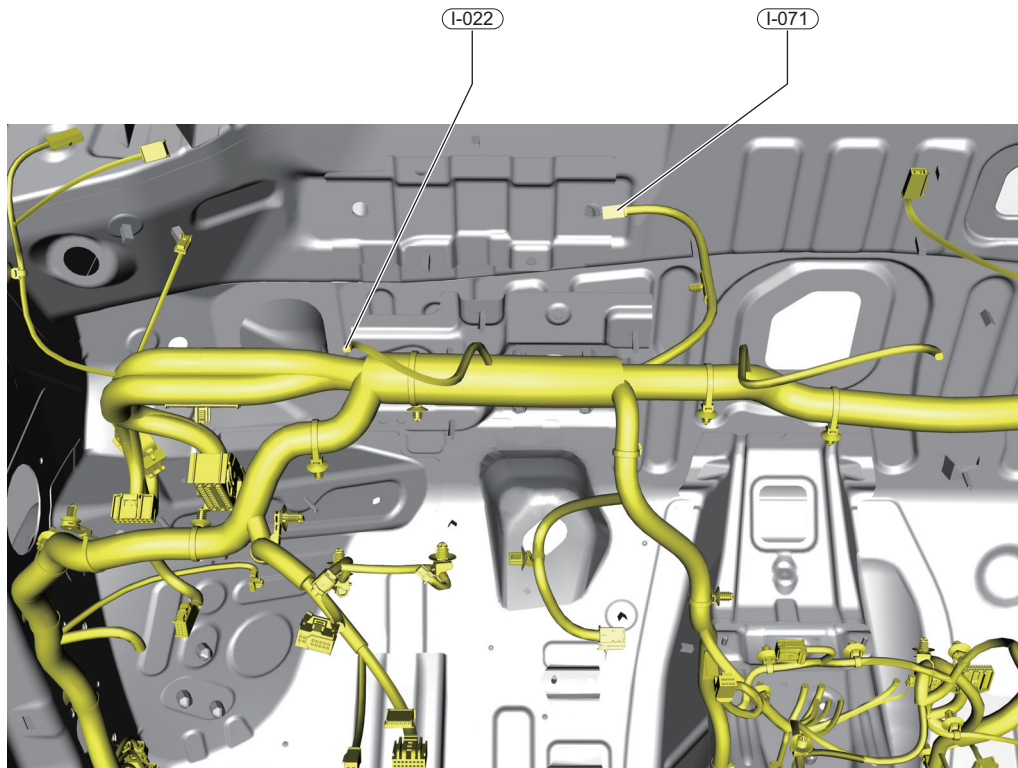
WHE029001

Connector Number	Connector Color/Pin	Connector Name
I-032	/2	Front USB Charging Module



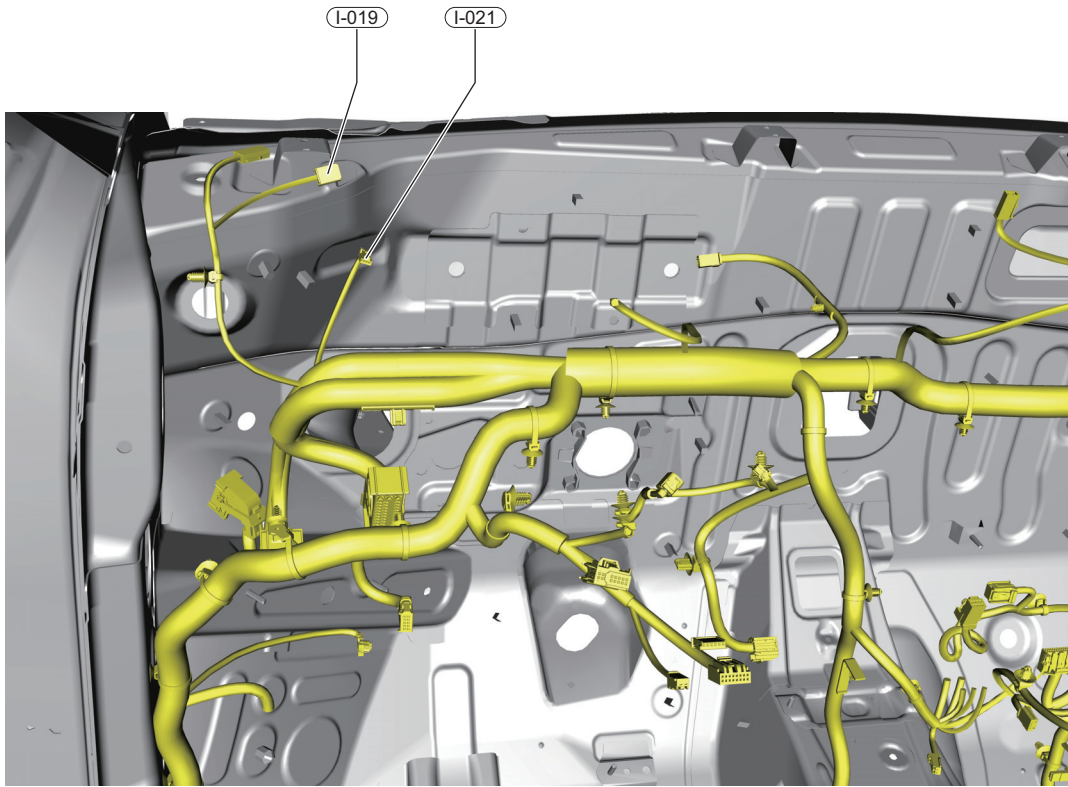
WHE030001

Connector Number	Connector Color/Pin	Connector Name
I-037	/2	Instrument Panel Low Frequency Antenna 1



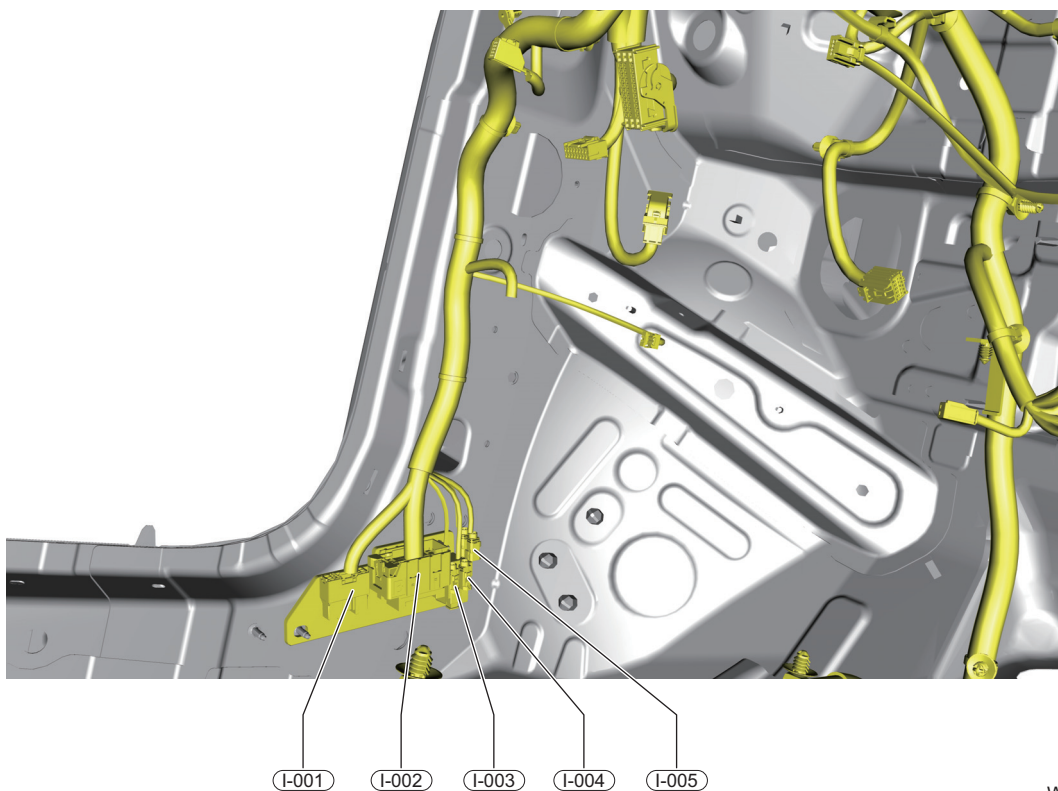
WHE030002

Connector Number	Connector Color/Pin	Connector Name
I-022	/8	Instrument Panel Display
I-071	/8	Head Up Display W-HUD



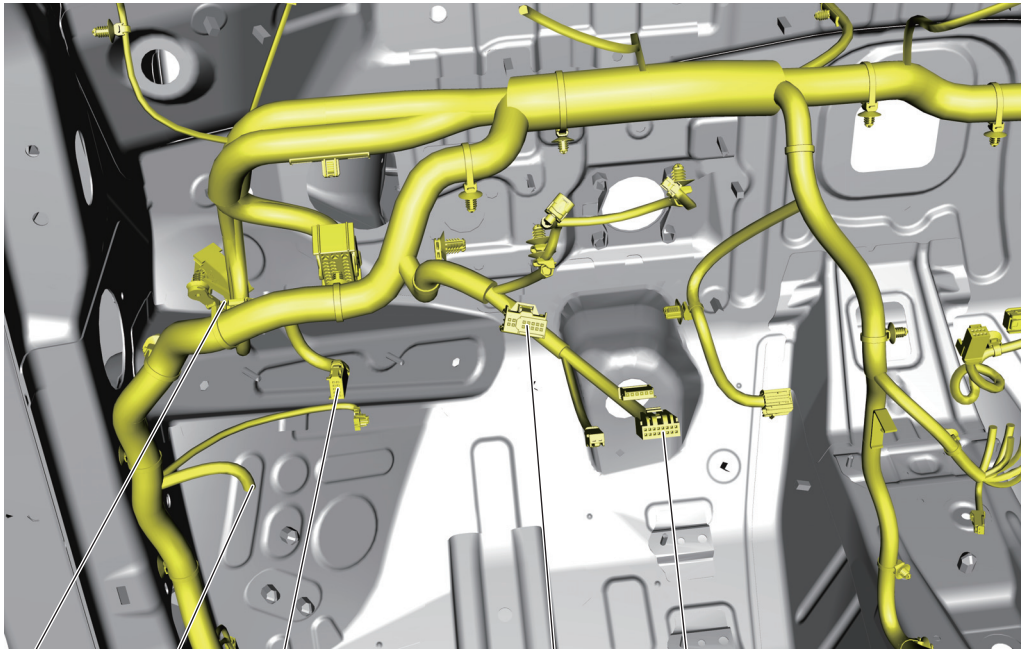
WHE030003

Connector Number	Connector Color/Pin	Connector Name
I-019	/6	Instrument Panel Ambient Light
I-021	/4	Left Negative Ion Generator



WHE030004

Connector Number	Connector Color/Pin	Connector Name
I-001	/28	Instrument Panel to Interior Wire Harness LH 1
I-002	/76	Instrument Panel to Interior Wire Harness LH 2
I-003	/4	360 Four-in-one Camera
I-004	/1	Surround View Camera Video Output
I-005	/1	HD Reversing View



I-020

I-007

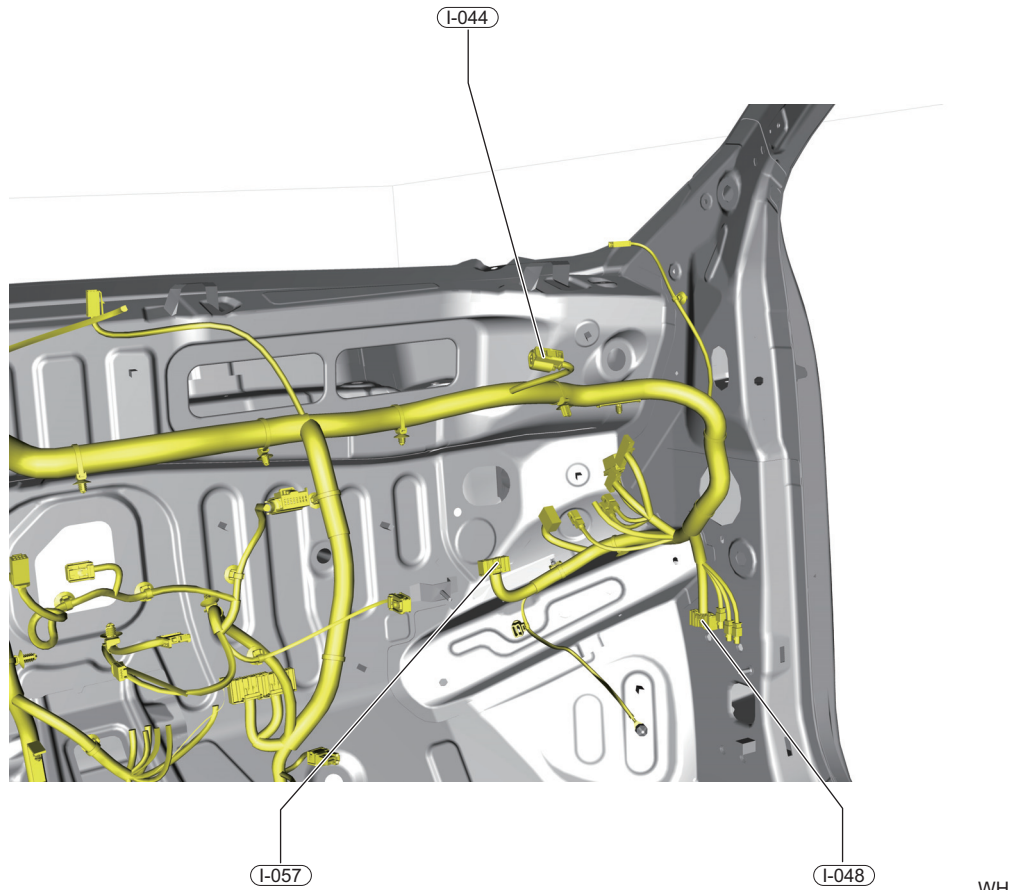
I-008

I-014

I-009

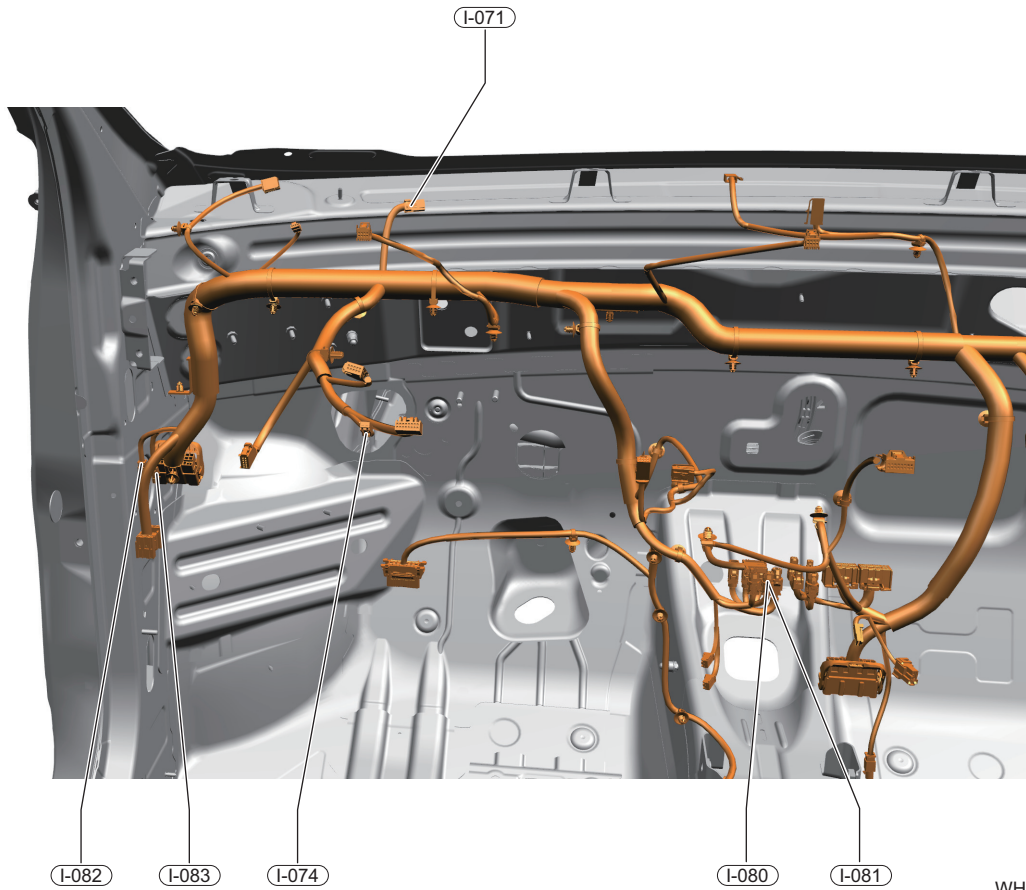
WHE030005

Connector Number	Connector Color/Pin	Connector Name
I-007	/16	Driver Diagnostic Interface OBD
I-008	/10	Light Switch
I-009	/16	Spiral Cable
I-014	/10	Combination Switch Module (SCM) (Integrated Wiper, Column Shift Switch)
I-020	/2	Loud Speaker



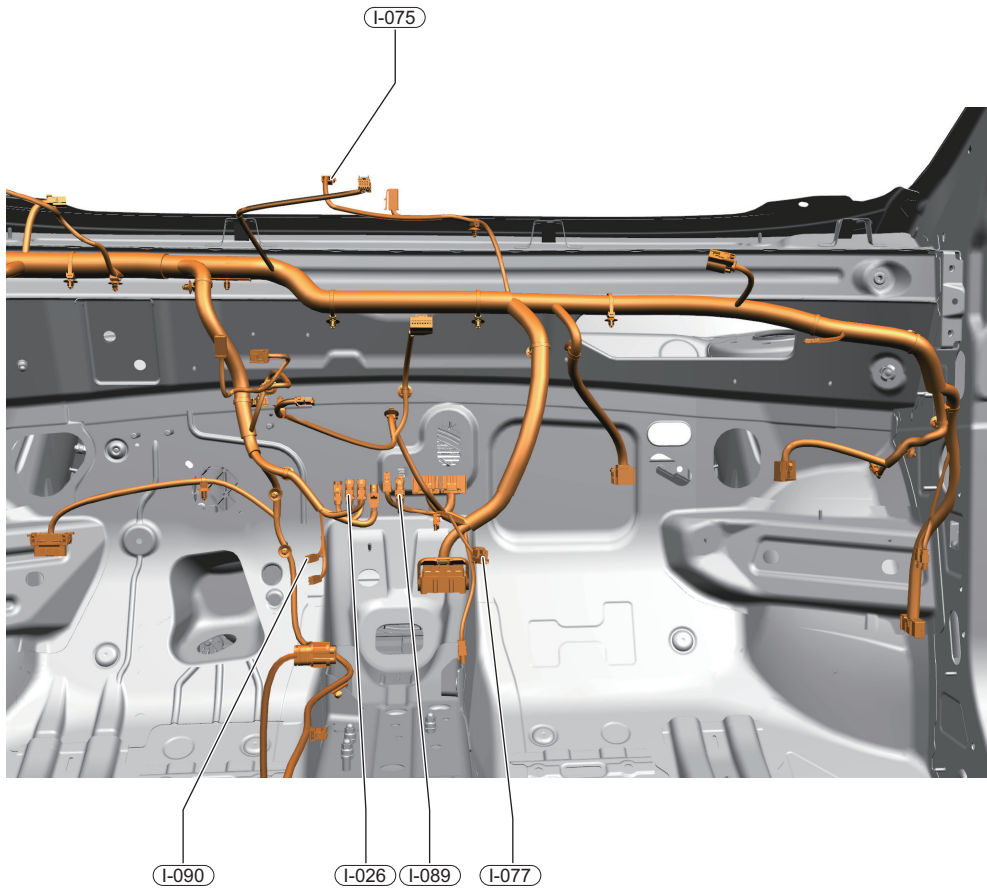
WHE030006

Connector Number	Connector Color/Pin	Connector Name
I-044	/2	Front Passenger Airbag
I-048	/28	Instrument Panel to Interior Wire Harness RH
I-057	/28	HVAC Assembly to A/C Wire Harness



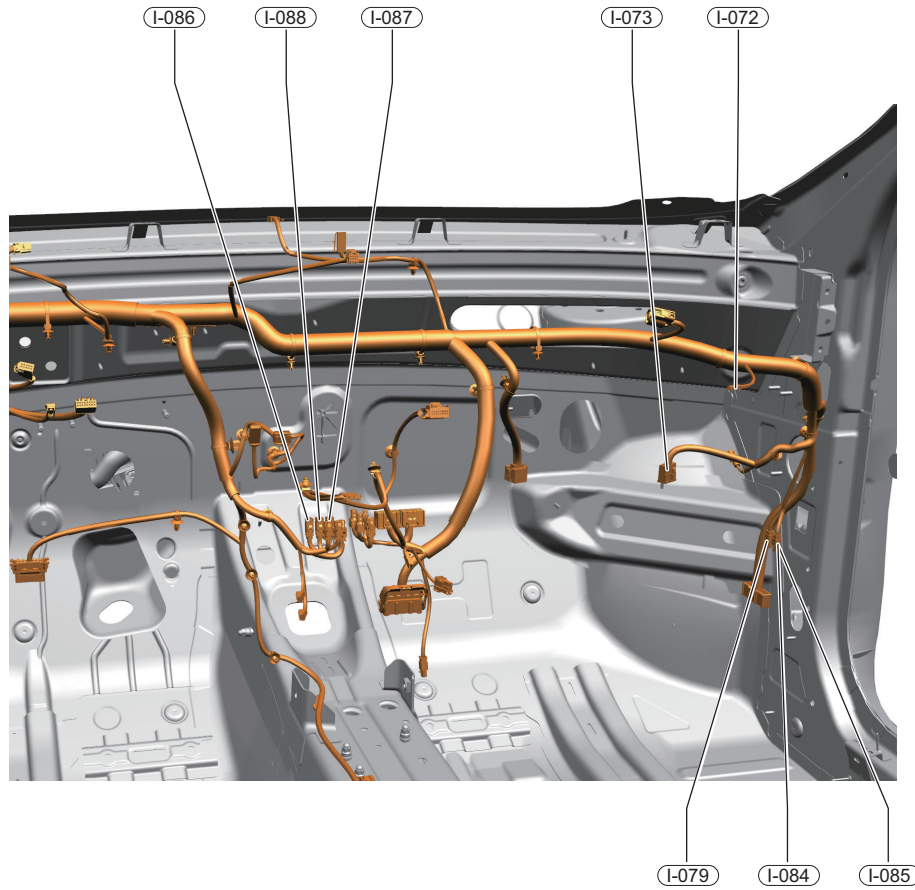
WHE030007

Connector Number	Connector Color/Pin	Connector Name
I-071	/8	Head Up Display W-HUD
I-074	/2	Spiral Cable - 2
I-080	-	Surround View Camera
I-081	-	Personnel Monitoring Four-in-one Antenna
I-082	-	Instrument Panel to Interior Personnel Monitoring Four-in-one Antenna Wire Harness
I-083	-	Instrument Panel to Interior Fatigue Monitoring Wire Harness



WHE030008

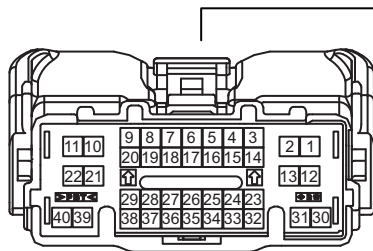
Connector Number	Connector Color/Pin	Connector Name
I-075	/2	USB Charging + Type-C Interface
I-089	-	USB1
I-090	-	USB2
I-077	/2	12 V Power Supply
I-026	/4	Driving Recorder (Domain Controller End) - G



WHE030009

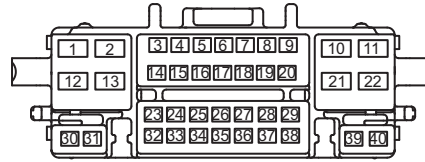
Connector Number	Connector Color/Pin	Connector Name
I-072	/2	Glove Box Light
I-073	W/6	Instrument Panel Wire Harness to A/C Wire Harness (Blower)
I-079	-	Instrument Panel to Interior Panoramic View Wire Harness
I-084	-	Navigation Camera to Interior Wire Harness
I-085	-	Antenna to Interior Wire Harness
I-086	-	Antenna
I-087	-	Fatigue Monitoring
I-088	-	Navigation

Instrument Wire Harness Connector List



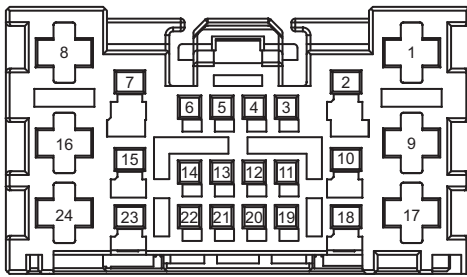
I-001
B

IP to Interior Wire Harness LH 1



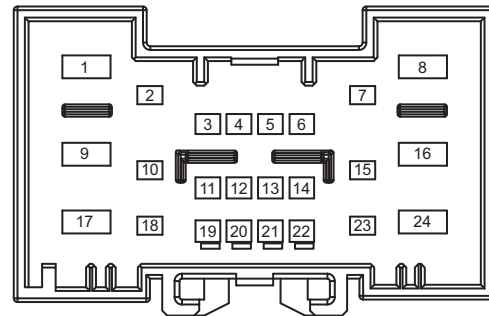
B-245
B

Interior Wire Harness to
Instrument Panel Wire Harness



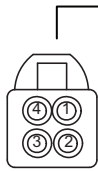
I-002
B

IP to Interior Wire Harness LH 2



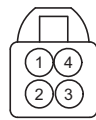
B-011
W

Interior Wire Harness to IP Wire Harness 3



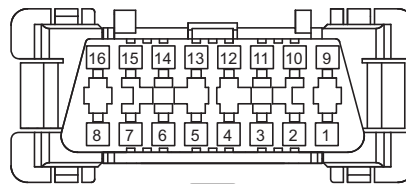
I-003
B

360 Four-in-one
(without Pilot
Configuration)



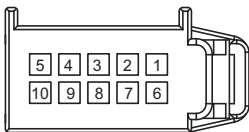
B-117
B

360 Four-in-one
(without Pilot
Configuration)



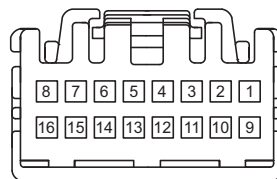
I-007
B

Driver Diagnostic Interface OBD



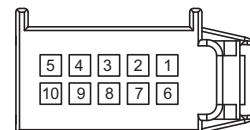
I-008
B

Light SW



I-009
B

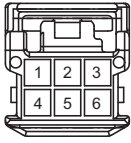
Spiral Cable



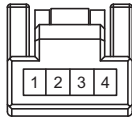
I-014
B

Combination Switch Combination Switch (SCM)
(Integrated Wiper, Column Shift Switch)

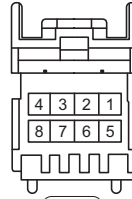
EPU018001



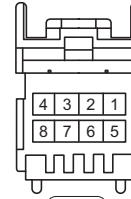
I-019
B
Instrument Panel Ambient Light



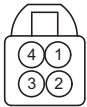
I-021
B
Left Negative Ion Generator



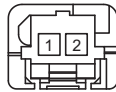
I-022
B
Instrument Panel Display



I-024
B
Audio Display



I-029
B
360 Four-in-one
(without Pilot Configuration)



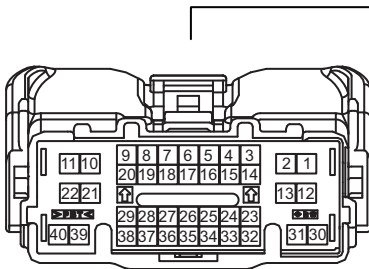
I-030
B
Audio Head Unit - A2B Socket



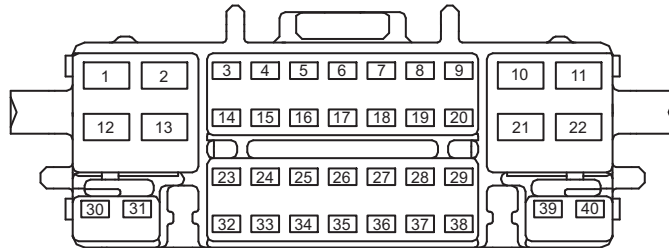
I-031
B
Ethernet 1



I-032
B
Front USB Charging Module



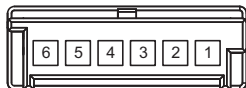
I-035
B
IP to Interior Center Wire Harness



B-002
B
Interior Wire Harness to IP Wire Harness



I-037
B
IP Low Frequency Antenna 1



I-042
B
2nd Row A/C Panel

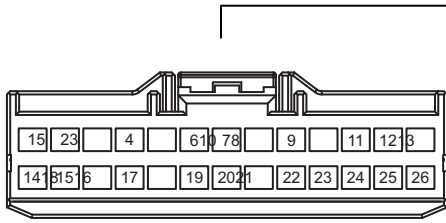


I-043
B
Midrange Speaker



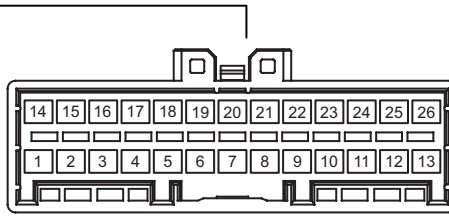
I-044
B
Front Passenger Airbag

EPU019001



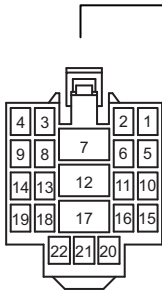
I-048
B

IP to Interior Wire Harness RH



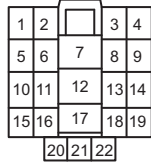
B-089
W

Interior Wire Harness to Instrument Panel Wire Harness



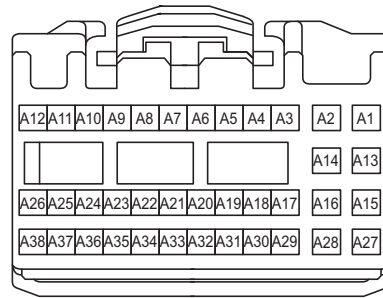
I-057
B

HVAC Assembly to
A/C Wire Harness



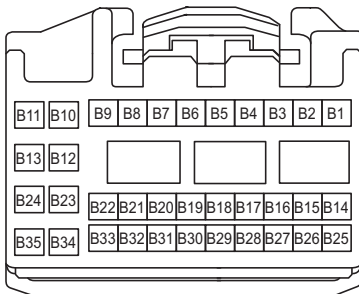
K-003
Lg

IP Wire to A/C Wire



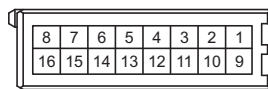
I-059
B

Audio Head Unit - A



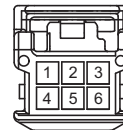
I-060
B

Audio Head Unit - B



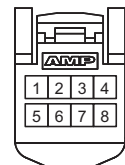
I-061
B

Auto A/C Panel



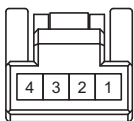
I-062
B

Outlet Ambient Light



I-063
B

ENGINE START
STOP Switch



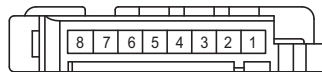
I-065
B

Fragrance Generator



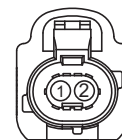
I-066
B

Instrument Panel
Right Ambient Light



I-067
B

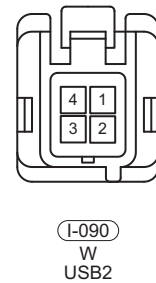
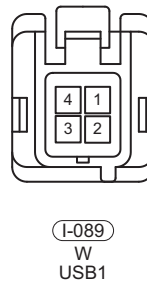
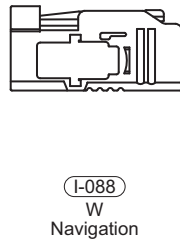
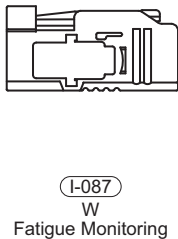
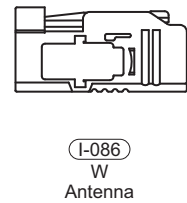
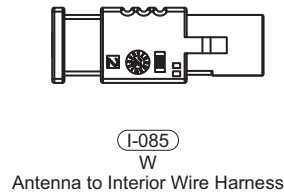
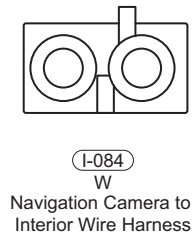
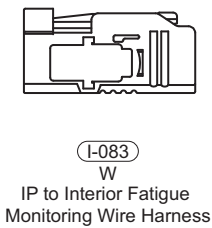
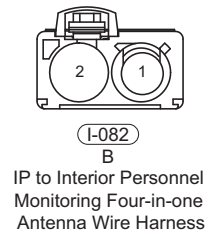
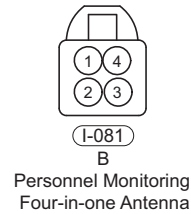
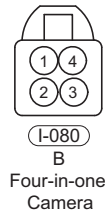
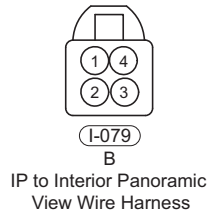
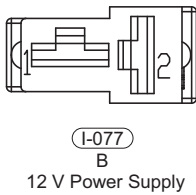
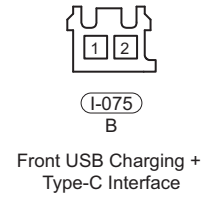
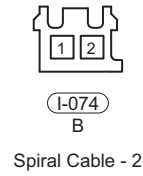
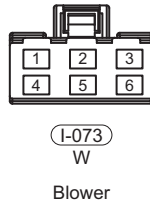
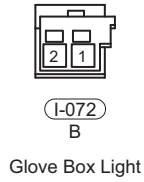
Mobile Phone Wireless
Charging Module



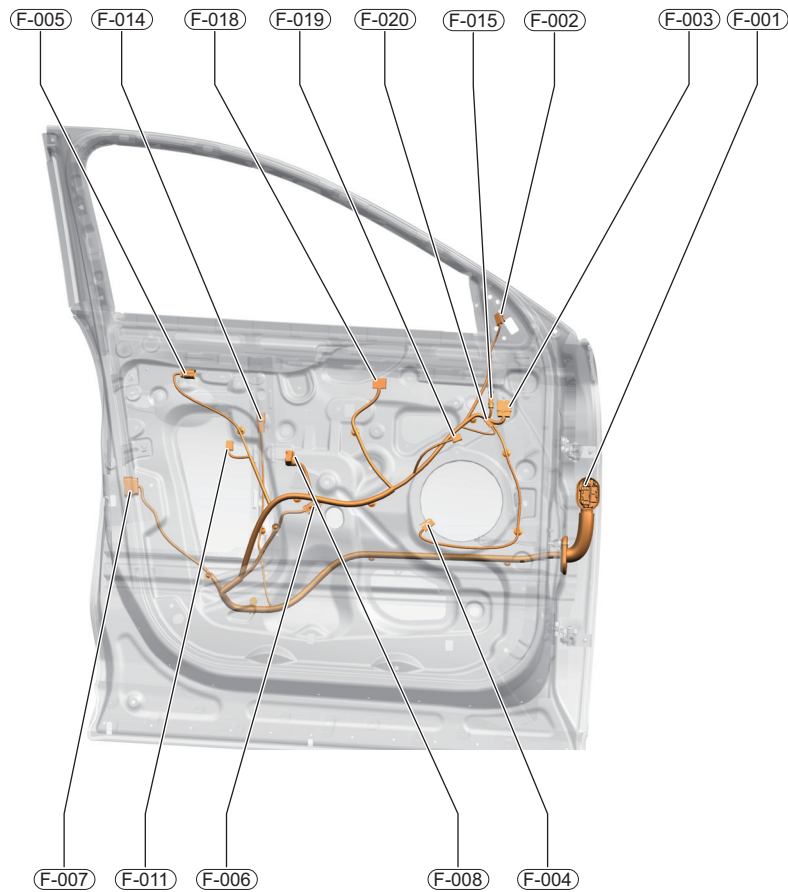
I-068
B

Ethernet 4

EPU019002



Front left door wire harness

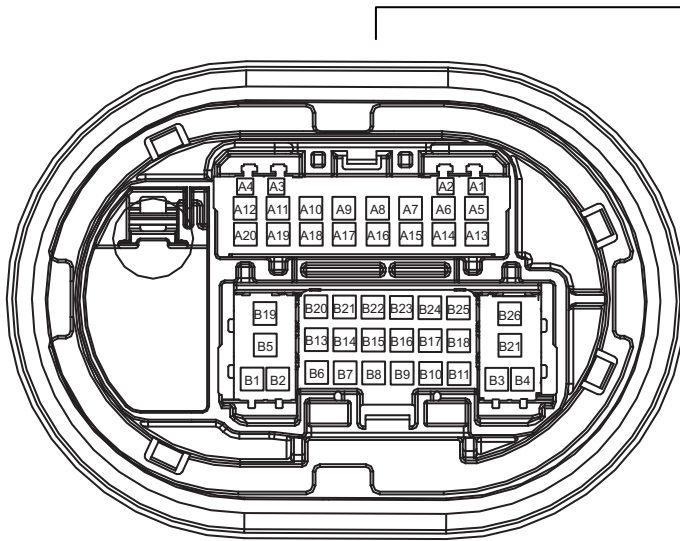


WHE031001

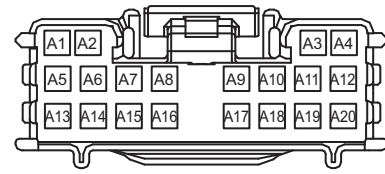
Connector Number	Connector Color/Pin	Connector Name
F-001	W/46	Interior Wire Harness to Front Left Door Wire Harness
F-002	B/2	Front Left Door Tweeter
F-003	W/16	Left Outside Rear View Mirror
F-004	B/2	Front Left Door Woofer
F-005	Gr/2	Front Left Door Handle Antenna
F-006	Gr/2	Front Left Power Window Regulator Motor
F-007	B/6	Front Left Door Lock
F-008	Br/16	Front Left Power Window Regulator Switch
F-011	B/6	Front Left Door Ambient Light
F-014	B/2	Driver Side Door Handle Switch
F-015	/1	Front Left HD Camera
F-018	/10	Driver Seat Switch
F-019	/6	Front Left Ambient Light
F-020	/2	Front Left Middle Speaker

10

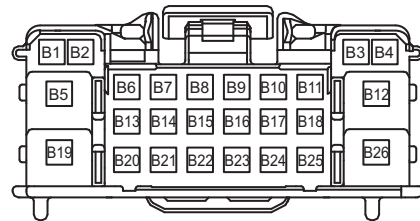
Front Left Door Wire Harness Connector List



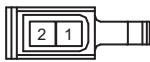
(F-001)
W
Interior Wire Harness to Front Left Door Wire Harness



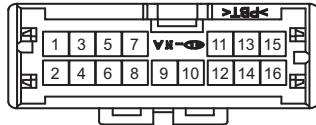
(B-005)
W
Interior Wire Harness to Front Left Door Wire Harness 1



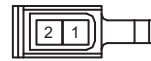
(B-006)
W
Interior Wire Harness to Front Left Door Wire Harness 2



(F-002)
B
Front Left Door Tweeter



(F-003)
W
Left Outside Rear View Mirror



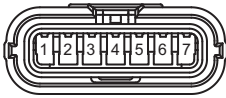
(F-004)
B
Door Woofer FL



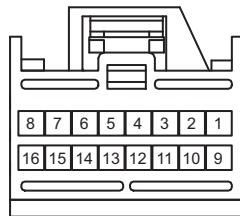
(F-005)
Gr
Front Left Door Handle Antenna



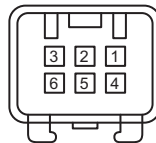
(F-006)
Gr
Front Left Power Window Regulator Motor



(F-007)
B
Front Left Door Lock



(F-008)
Br
Front Left Power Window Regulator Switch



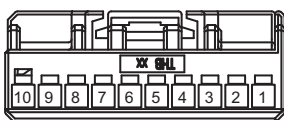
(F-011)
B
Door Ambient Light FL



(F-014)
B
Driver Side Door Handle Switch



(F-015)
Front Left HD Camera



(F-018)
B
Driver Seat Switch



(F-019)
B
Multi/Bi-color Ambient FLR



(F-020)
B
Front Left Middle Speaker

EPU20001

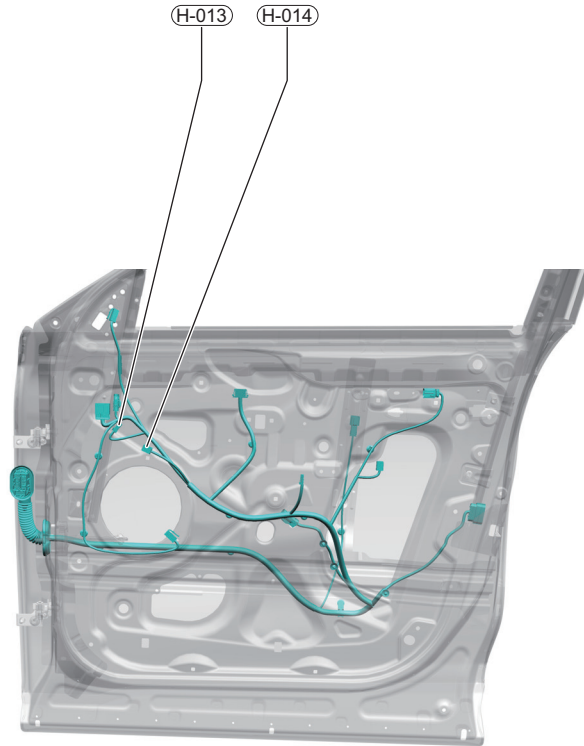
Front right door wire harness



WHE032001

Connector Number	Connector Color/Pin	Connector Name
H-001	W/46	Interior Wire Harness to Front Right Door Wire Harness
H-002	B/2	Front Right Door Woofer
H-003	B/2	Front Right Door Tweeter
H-004	B/2	Front Right Power Window Regulator Motor
H-005	P/6	Front Right Door Lock
H-006	Gr/2	Front Right Door Handle Antenna
H-007	W/16	Right Outside Rear View Mirror
H-008	Br/4	Front Right Power Window Regulator Switch
H-009	B/6	Front Right Door Ambient Light
H-011	B/2	Front Passenger Side Door Handle Switch
H-012	/1	Front Right HD Camera

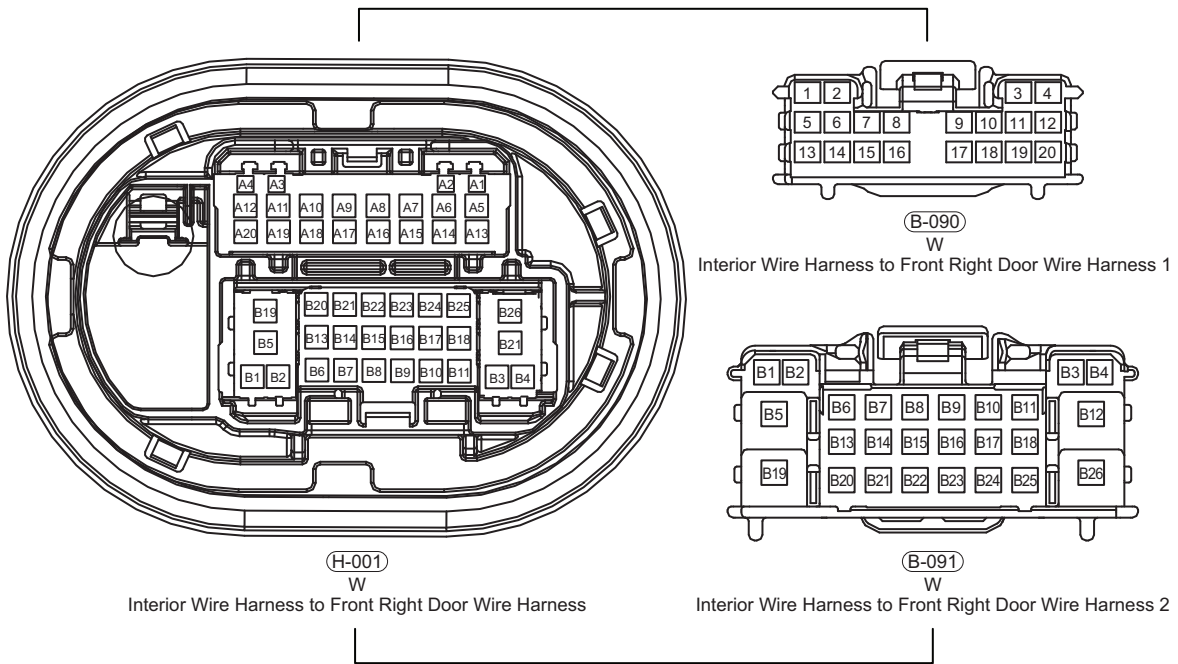
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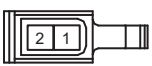


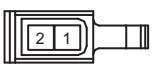
WHE032002


Connector Number	Connector Color/Pin	Connector Name
H-013	W/2	Front Right Middle Speaker
H-014	B/6	Front Right Door Ambient Light - Surface Light Source

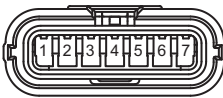
Front Right Door Wire Harness Connector List




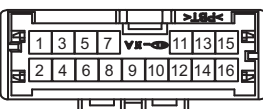
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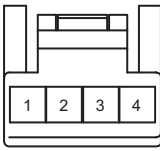
(H-002)
B
Front Right Door Woofer
- 


(H-003)
B
Front Right Door Tweeter
- 

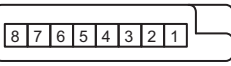
(H-004)
B
Front Right Power Window Regulator Motor
- 


(H-005)
B
Front Right Door Lock
- 


(H-006)
B
Front Right Door Handle Antenna
- 


(H-007)
W
Right Outside Rear View Mirror
- 

(H-008)
Br
Front Right Power Window Regulator Switch
- 

(H-009)
B
Door Ambient Light FR
- 

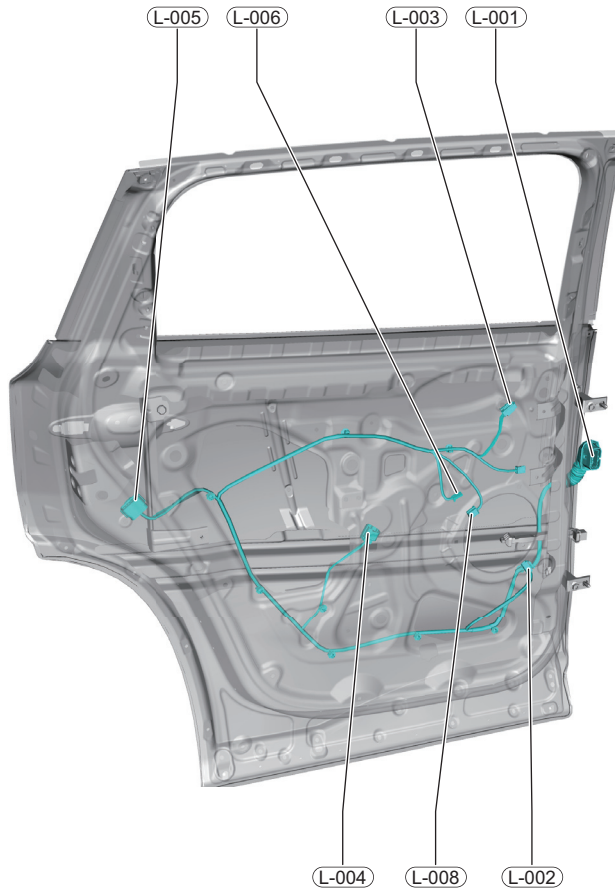
(H-011)
B
Front Passenger Side Door Handle Switch
- 

(H-012)
Front Right HD Camera
- 

(H-013)
B
Front Right Middle Speaker
- 

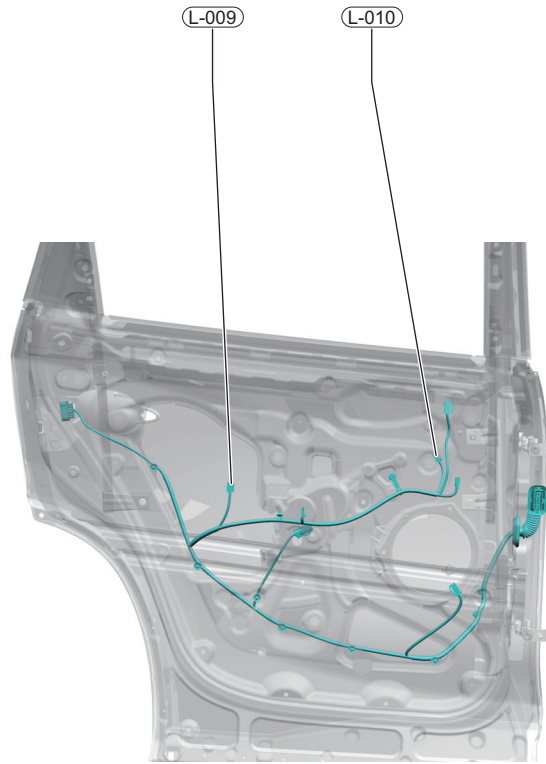
(H-014)
B
Front Right Door Ambient Light - Surface Light Source

Rear left door wire harness



WHE033001

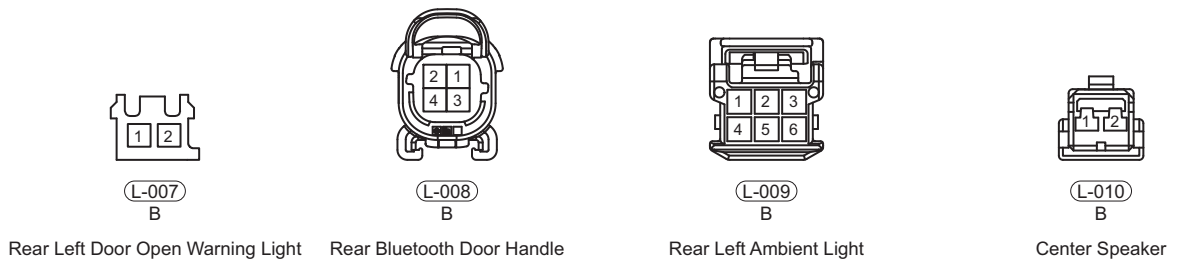
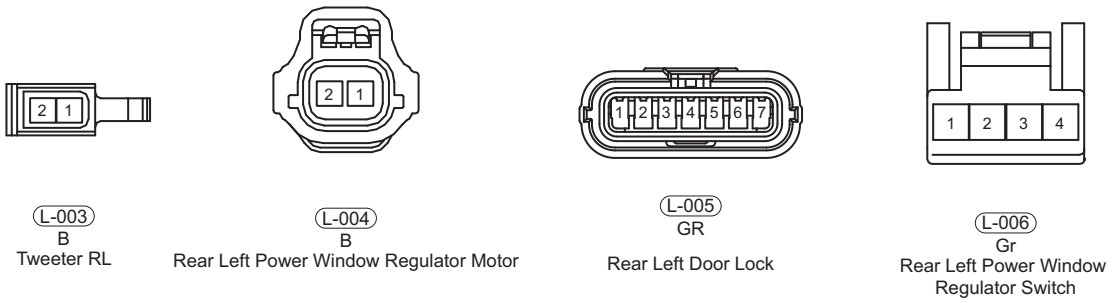
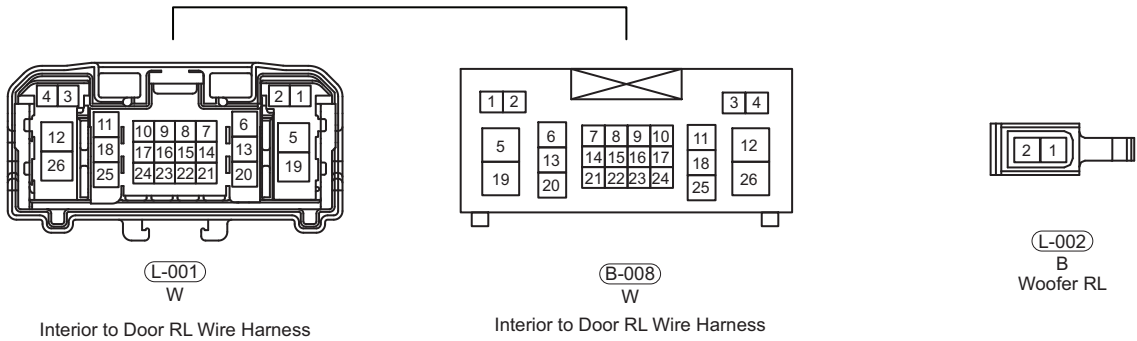
Connector Number	Connector Color/Pin	Connector Name
L-001	W/16	Interior to Rear Left Door Wire Harness
L-002	B/2	Rear Left Woofer
L-003	B/2	Rear Left Tweeter
L-004	B/2	Rear Left Power Window Regulator Motor
L-005	Gr/6	Rear Left Door Lock
L-006	Gr/4	Rear Left Power Window Regulator Switch
L-008	B/6	Rear Left Door Ambient Light



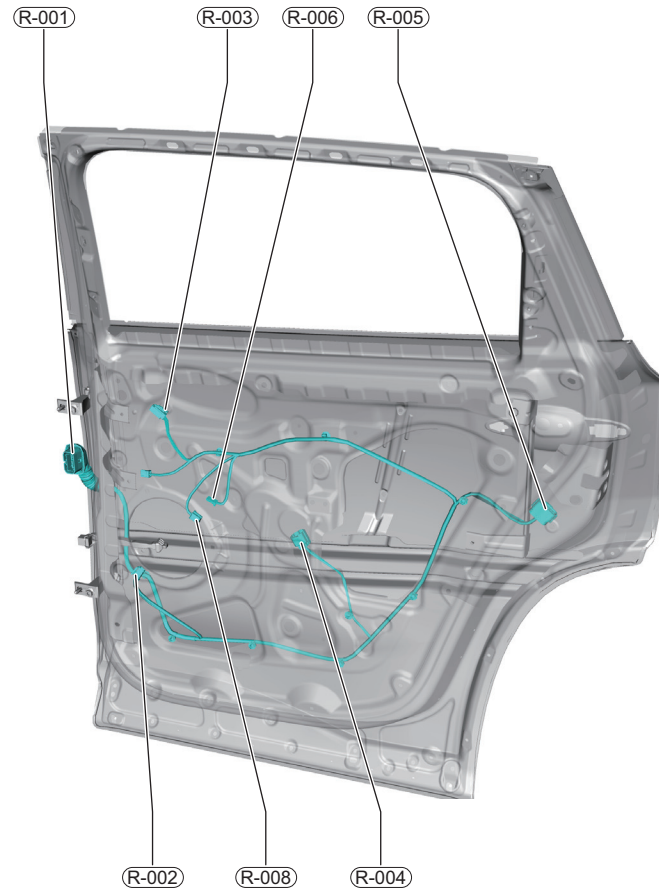
WHE033002

Connector Number	Connector Color/Pin	Connector Name
L-009	/6	Rear Left Ambient Light
L-010	/2	Rear Left Door Middle Speaker

Rear Left Door Wire Harness Connector List

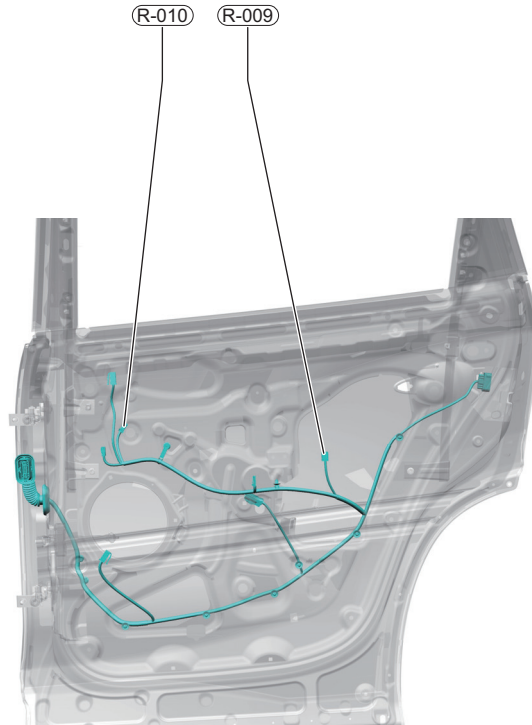


Rear Right Door Wire Harness



WHE034001

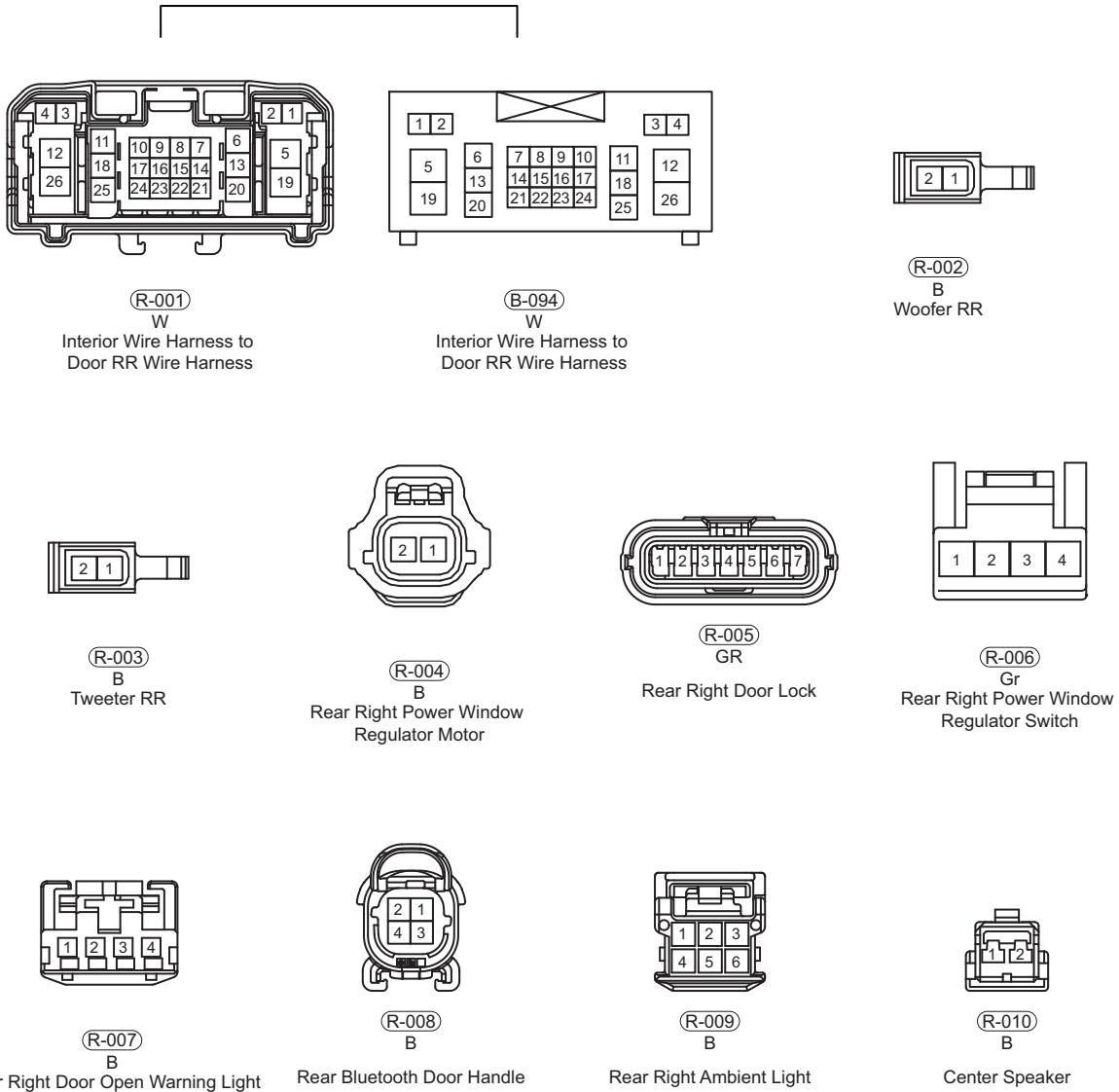
Connector Number	Connector Color/Pin	Connector Name
R-001	W/16	Interior Wire Harness to Rear Right Door Wire Harness
R-002	B/2	Rear Right Woofer
R-003	B/2	Rear Right Tweeter
R-004	B/2	Rear Right Power Window Regulator Motor
R-005	Gr/6	Rear Right Door Lock
R-006	Gr/4	Rear Right Power Window Regulator Switch
R-008	B/6	Rear Right Door Ambient Light



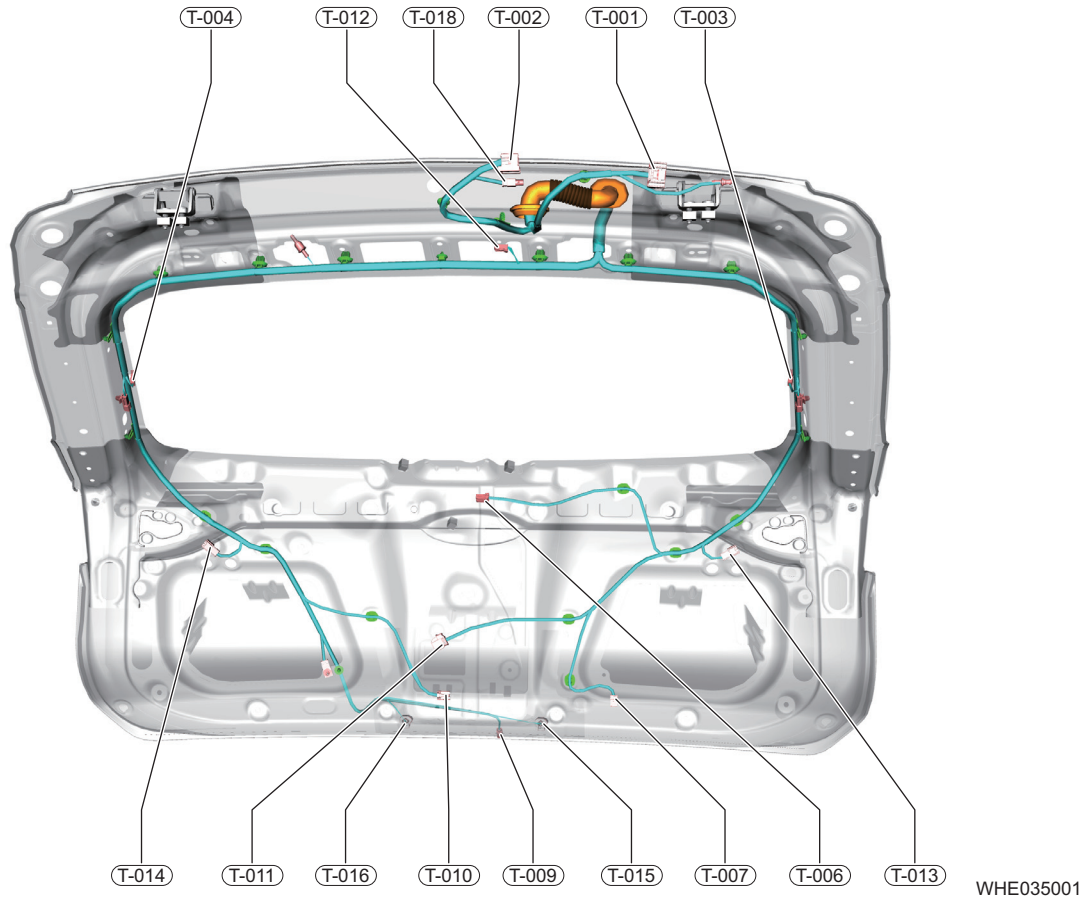
WHE034002

Connector Number	Connector Color/Pin	Connector Name
R-009	/6	Rear Right Ambient Light
R-010	/2	Rear Right Door Middle Speaker

Rear Right Door Wire Harness Connector List



Back door wire harness

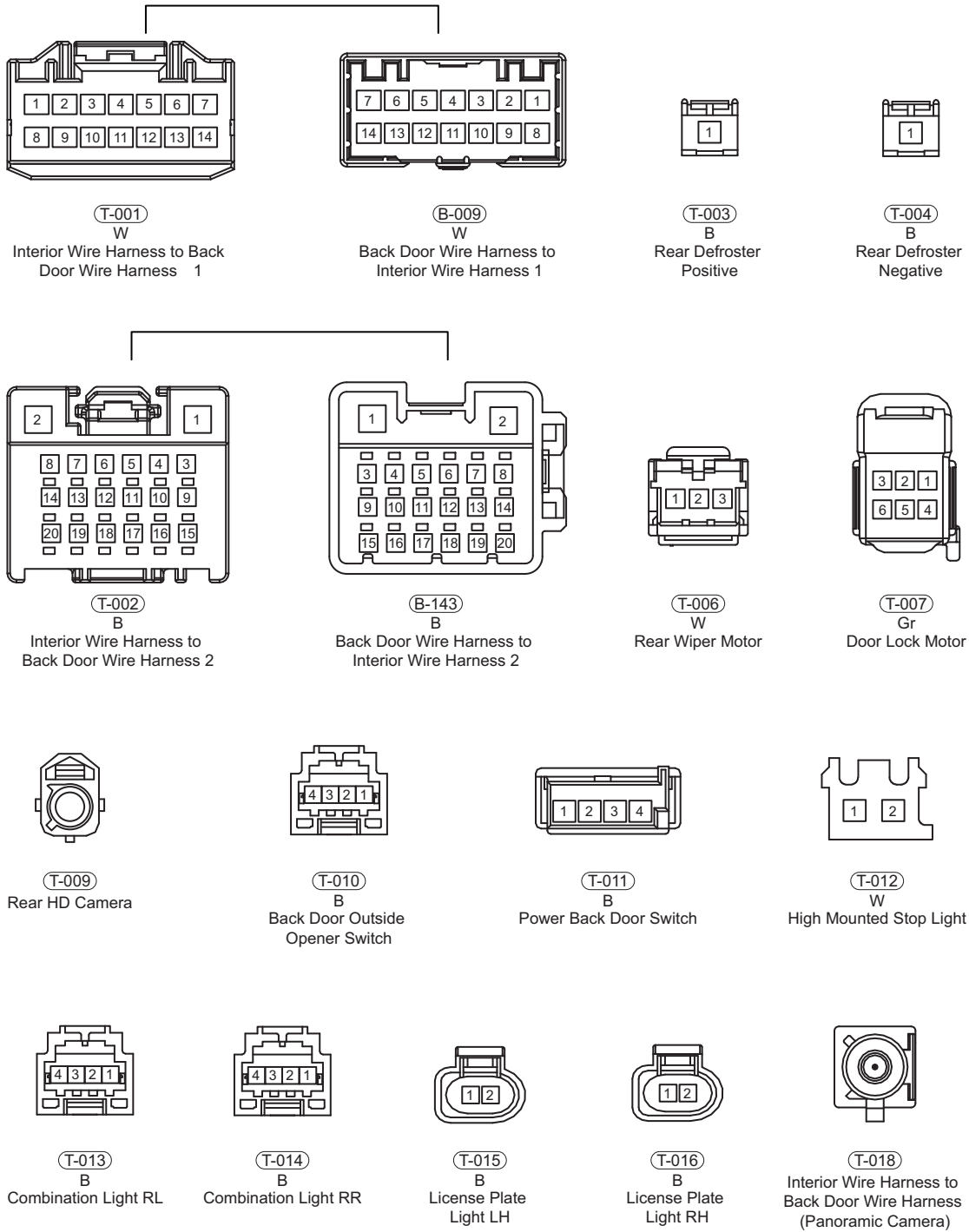


WHE035001

Connector Number	Connector Color/Pin	Connector Name
T-001	W/14	Interior Wire Harness to Back Door Wire Harness 1
T-002	B/20	Interior Wire Harness to Back Door Wire Harness 2
T-003	B/1	Rear Defroster Positive
T-004	B/1	Rear Defroster Negative
T-006	W/3	Rear Wiper Motor
T-007	Gr/6	Door Lock Motor
T-009	/1	Rear HD Camera
T-010	B/4	Back Door Outside Opener Switch
T-011	B/4	Power Back Door Switch
T-012	W/2	High Mounted Stop Light
T-013	B/4	Rear Left Combination Light
T-014	B/4	Rear Right Combination Light
T-015	B/2	Left License Plate Light

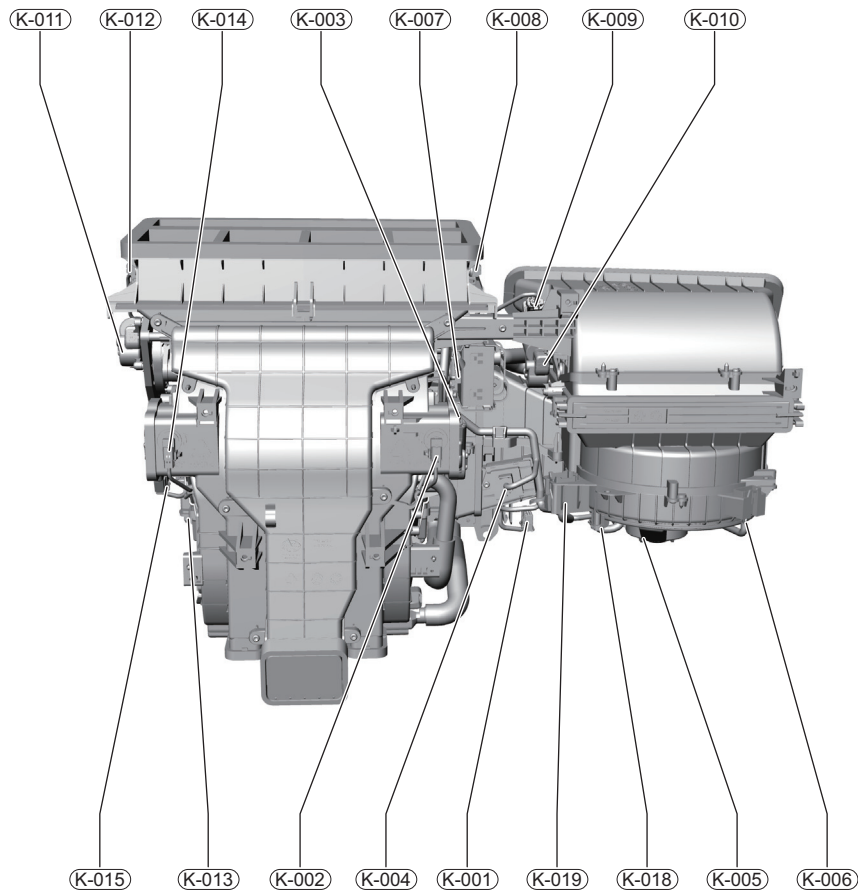
Connector Number	Connector Color/Pin	Connector Name
T-016	B/2	Right License Plate Light
T-018	/1	Interior Wire Harness to Back Door Wire Harness (Panoramic Camera)

Rear Back door Wire Harness Connector List



10

A/C wire harness

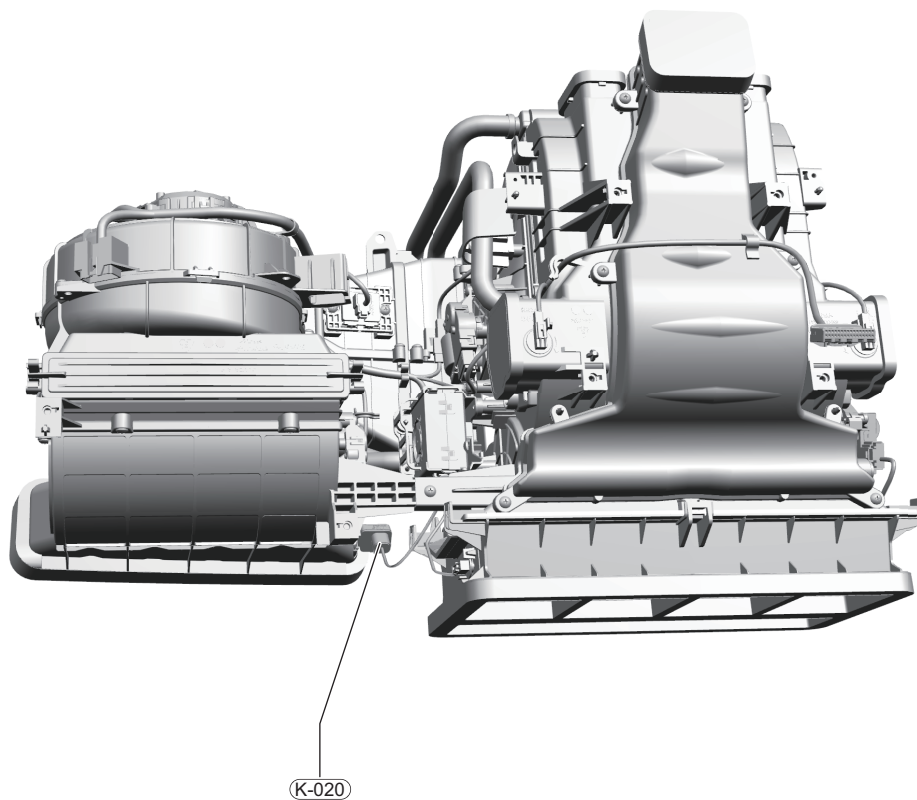


WHE038001

Connector Number	Connector Color/Pin	Connector Name
K-001	W/40	Automatic A/C Control Module - A
K-002	B/3	Right Foot Outlet Temperature Sensor
K-003	B/6	Right Temperature Damper Servo Motor
K-004	B/3	Blower Speed Regulation Module
K-005	W/2	Blower
K-006	B/6	Instrument wire harness to A/C wire harness (blower)
K-007	B/5	PM2.5 Sensor
K-008	B/3	Right Face Outlet Temperature Sensor
K-009	B/3	Air Quality Sensor
K-010	B/6	Inner/Outer Circulation Servo Motor
K-011	B/6	Mode Damper Servo Motor
K-012	B/3	Left Face Outlet Temperature Sensor
K-013	B/2	Evaporator Temperature Sensor
K-014	B/3	Left Foot Outlet Temperature Sensor

10 - Wire Harness Location Diagram

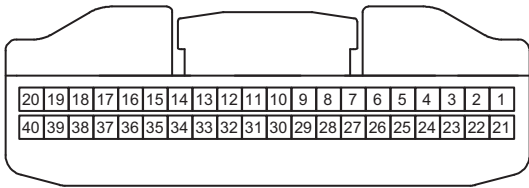
Connector Number	Connector Color/Pin	Connector Name
K-015	B/6	Left Temperature Damper Servo Motor
K-018	B/40	Automatic A/C Control Module - B
K-019	Lg/22	Instrument Panel Wire to A/C Wire



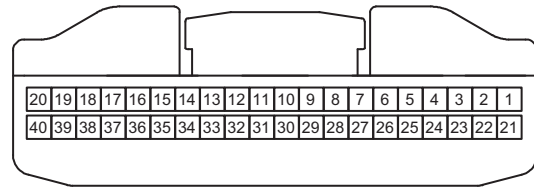
WHE039001

Connector Number	Connector Color/Pin	Connector Name
K-020	B/2	In Car Temp Sensork

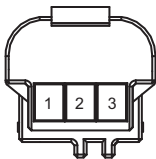
Auto A/C Wire Harness Connector List



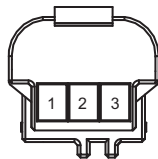
(K-001)
W
Automatic A/C Control Module - A



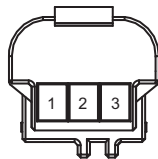
(K-018)
B
Automatic A/C Control Module - B



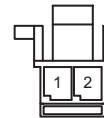
(K-002)
B
Right Foot Outlet Temperature Sensor



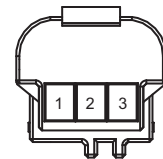
(K-008)
B
Right Face Outlet Temperature Sensor



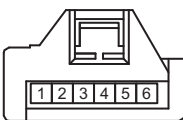
(K-012)
B
Left Face Outlet Temperature Sensor



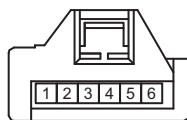
(K-013)
B
Evaporator Temperature Sensor



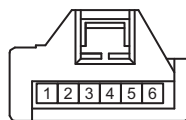
(K-014)
B
Left Foot Outlet Temperature Sensor



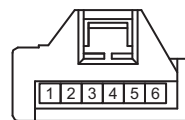
(K-003)
B
Temperature Damper Servo Motor RH



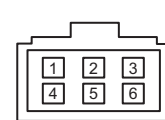
(K-010)
B
Inner/Outer Circulation Servo Motor



(K-011)
B
Mode Damper Servo Motor



(K-015)
B
Temperature Damper Servo Motor LH



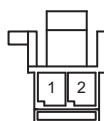
(K-006)
B
Instrument Panel Wire Harness to A/C Wire Harness (Blower)



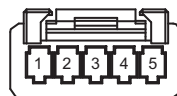
(K-004)
B
Blower Speed Regulation Module



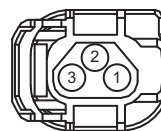
(K-005)
W
Blower



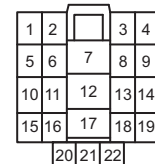
(K-020)
B
In Car Temp Sensork



(K-007)
B
PM2.5 Sensor



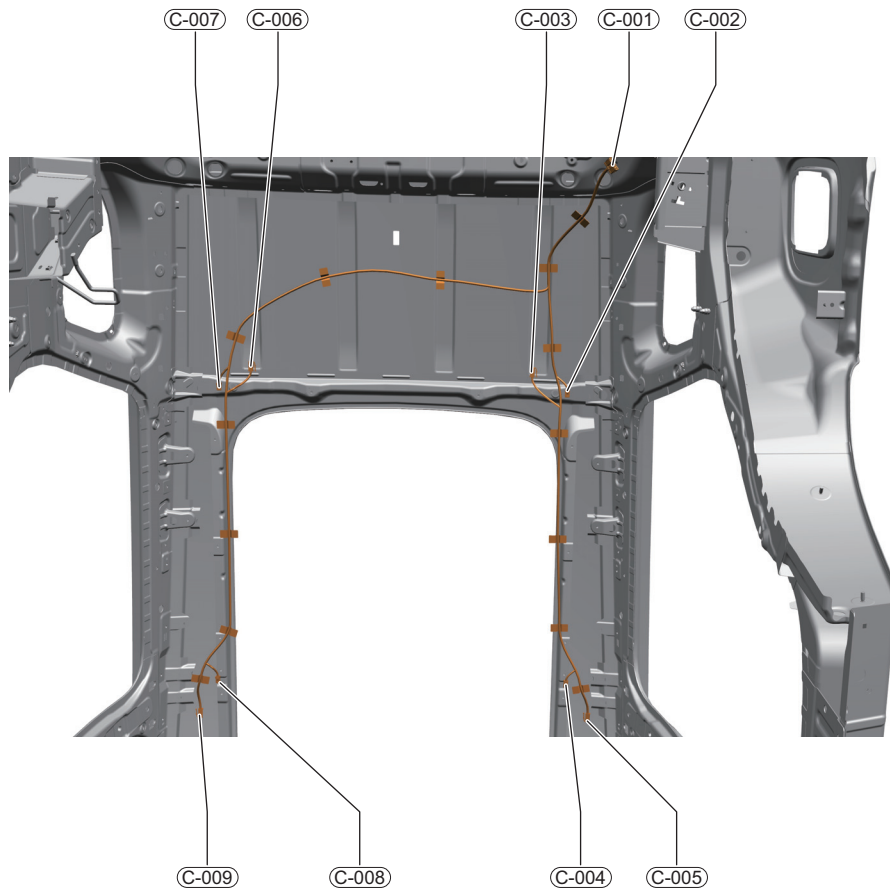
(K-009)
B
Air Quality Sensor



(K-019)
Lg
IP Wire to A/C Wire

10

Roof Wire Harness

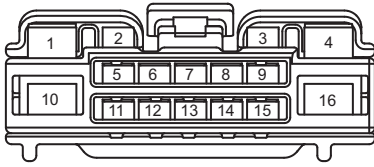


WHE044001

Connector Number	Connector Color/Pin	Connector Name
C-001	/16	Roof to Main Wire Harness
C-002	/4	Roof Rear Microphone Right
C-003	/2	Rear Right Speaker
C-004	/4	Roof Front Microphone Right
C-005	/2	Front Passenger Speaker
C-006	/6	Speaker RL
C-007	/4	Roof Rear Microphone Left
C-008	/4	Roof Front Microphone Left
C-009	/2	Driver Speaker

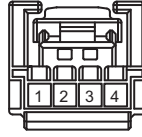
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Roof Wire Harness Connector List



(C-001)
B

Roof to Main Wire Harness



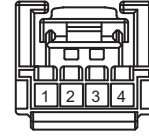
(C-002)
B

Microphone RH



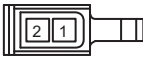
(C-003)
B

Speaker RR



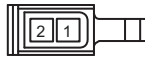
(C-004)
B

Microphone RH



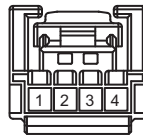
(C-005)
B

Front Passenger Speaker



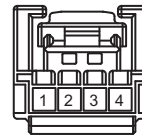
(C-006)
B

Speaker RL



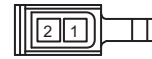
(C-007)
B

Microphone LH



(C-008)
B

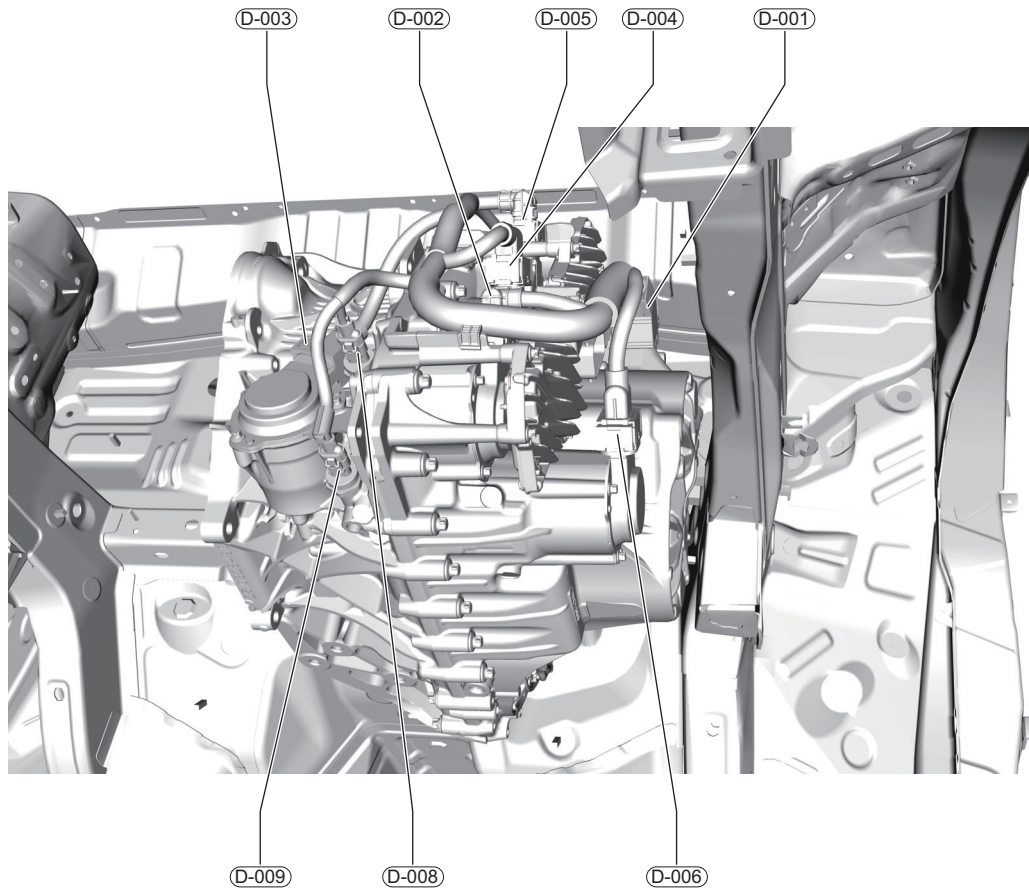
Microphone LH



(C-009)
B

Driver Speaker

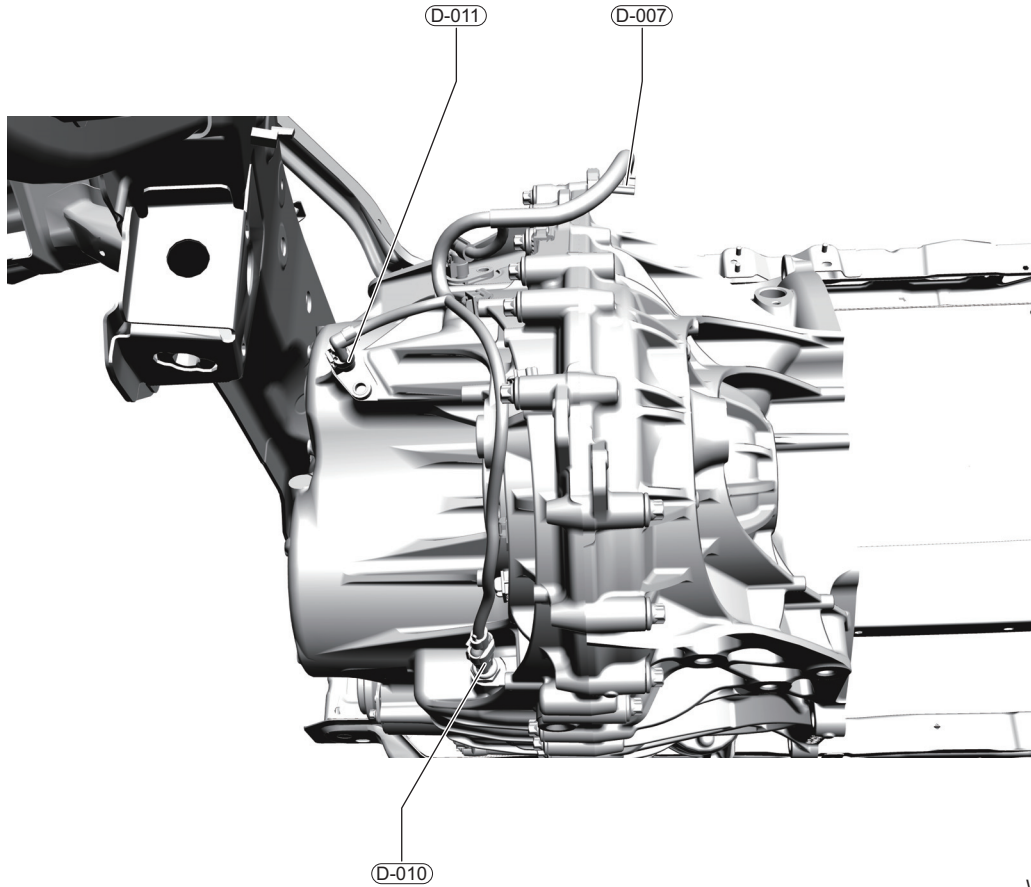
Transmission wire harness



WHE044001

Connector Number	Connector Color/Pin	Connector Name
D-001	/67	Transmission Control Module (TCU-B)
D-002	/9	Clutch Motor 2
D-003	/9	Clutch Motor 1
D-004	/9	Shift Motor 1
D-005	/9	Shift Motor 2
D-006	/9	Cooling Motor
D-008	/3	Pressure sensor 2
D-009	/3	Pressure sensor 1

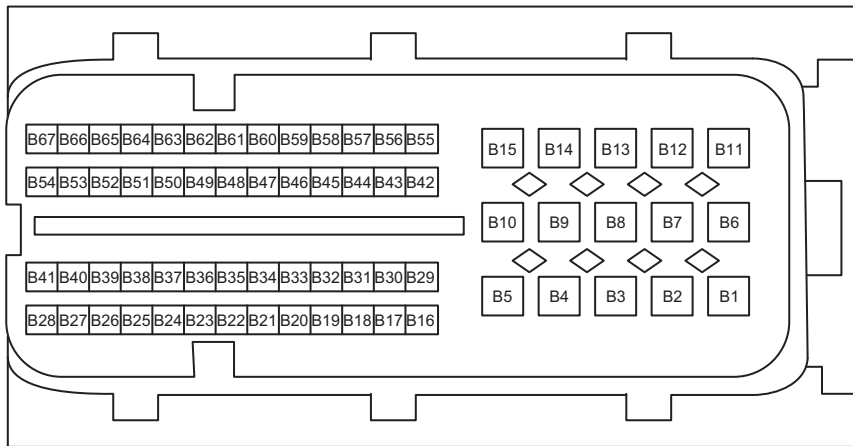
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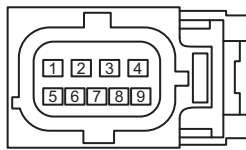
WHE045001

Connector Number	Connector Color/Pin	Connector Name
D-007	/2	Temperature Sensor
D-010	/2	Input Shaft Speed Sensor 2
D-011	/2	Input Shaft Speed Sensor 1

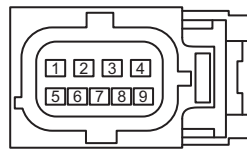
Transmission Wire Harness Connector List



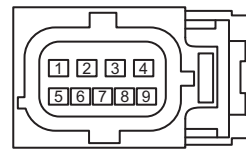
(D-001)
B
TCU-B(7DCT)



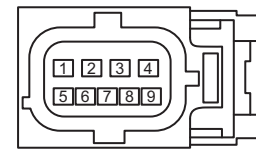
(D-002)
B
Clutch Motor 2



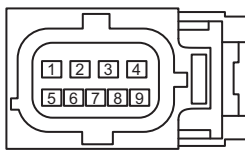
(D-003)
B
Clutch Motor 1



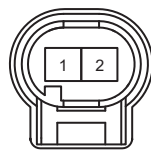
(D-004)
B
Shift Motor 1



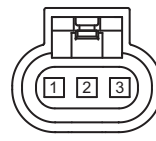
(D-005)
B
Shift Motor 2



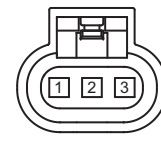
(D-006)
B
Cooling Motor



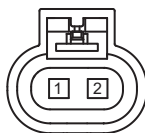
(D-007)
B
Temp Sensor



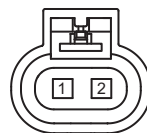
(D-008)
B
Pressure Sensor 2



(D-009)
B
Pressure Sensor 1

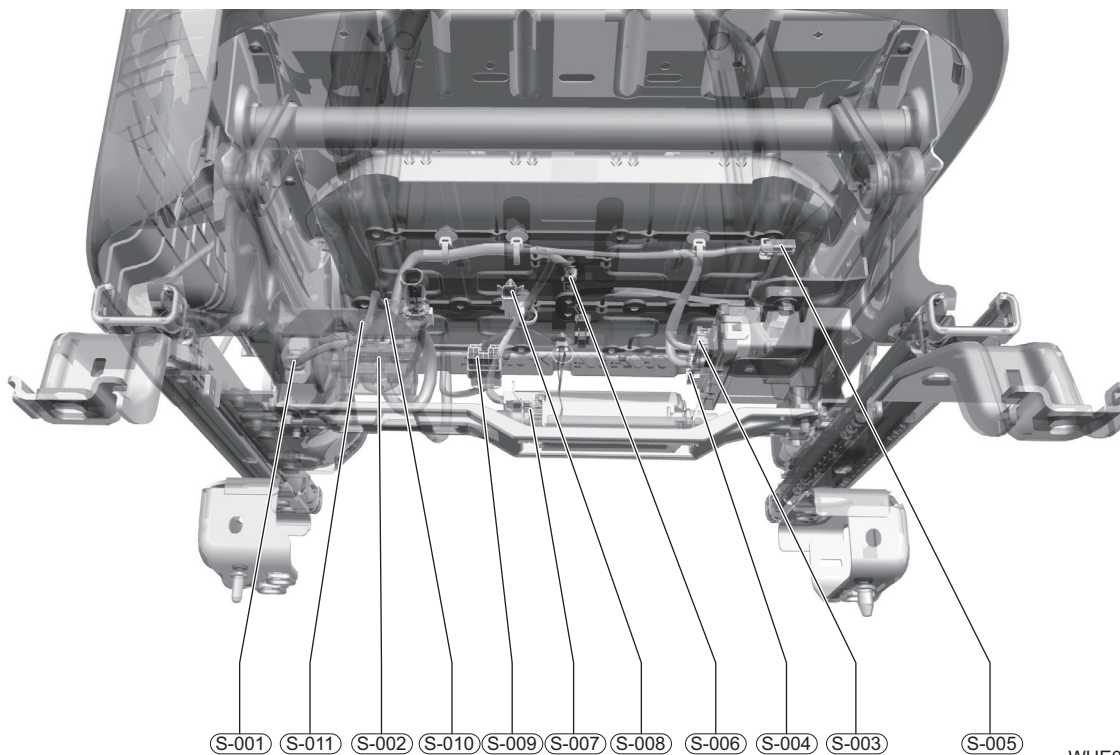


(D-010)
B
Input Shaft Speed Sensor 2



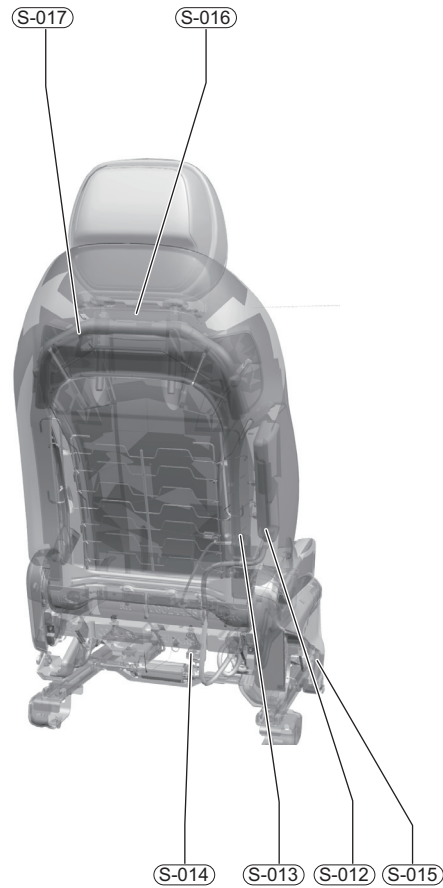
(D-011)
B
Input Shaft Speed Sensor 1

Seat wire harness



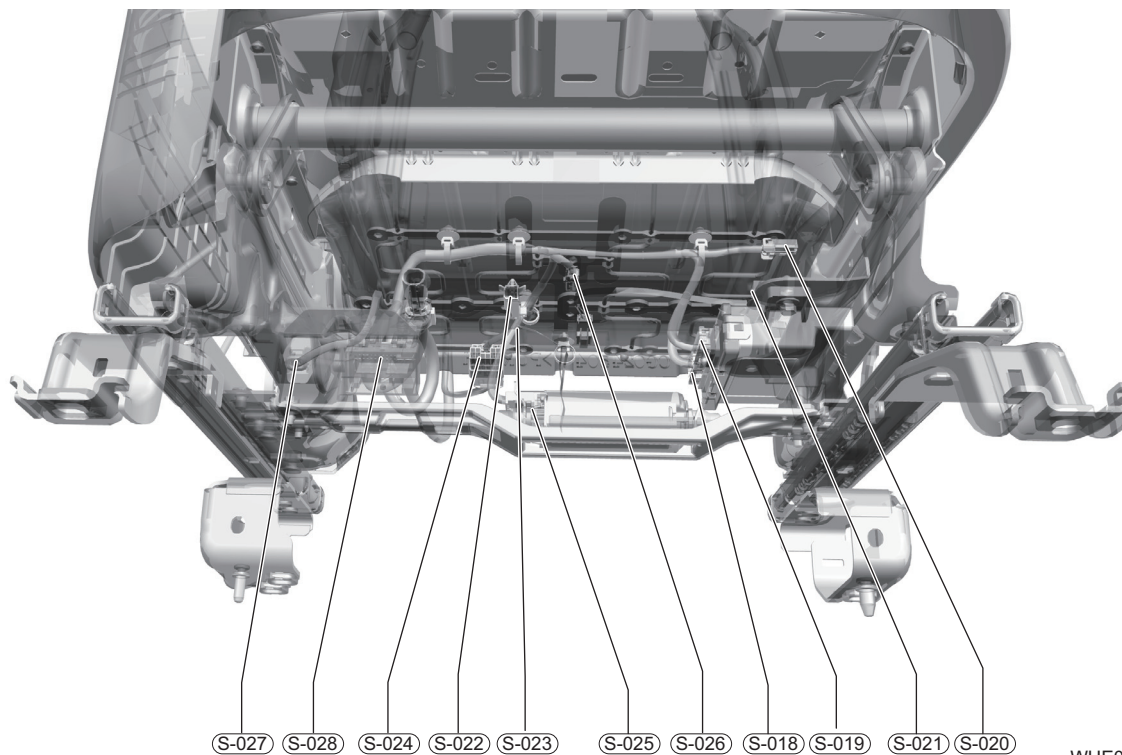
WHE046001

Connector Number	Connector Color/Pin	Connector Name
S-001	B/32	Driver Seat to Interior Wire Harness
S-002	B/2	Driver Seat SAB Interface
S-003	B/52	Seat Control Module 1
S-004	B/20	Seat Control Module 2
S-005	B/4	Driver Seat Heating Pad Interface
S-006	B/2	Driver Seat BUCKLE Interface
S-007	B/5	Driver Horizontal Motor Interface
S-008	B/3	Driver Seat Cushion Ventilation Interface
S-009	B/20	Driver Seatback Adapter 1
S-010	B/4	Driver Raising Motor Interface
S-011	B/6	Driver Lumbar Support Switch Interface



WHE046002

Connector Number	Connector Color/Pin	Connector Name
S-012	B/12	Driver Seat Massage/Lumbar Support ECU Interface
S-013	B/2	Driver Seat Massage Air Pump Interface
S-014	B/16	Driver Seatback Adapter 2
S-015	B/4	Driver Angle Adjustment Motor Interface
S-016	B/2	Driver Head Restraint Audio
S-017	B/3	Driver Seatback Ventilation Interface



WHE046003

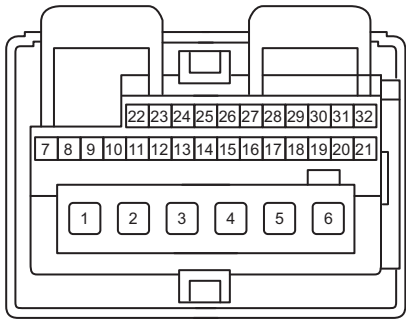
Connector Number	Connector Color/Pin	Connector Name
S-018	B/10	Front Passenger ECU J1 Interface
S-019	B/24	Front Passenger ECU J2 Interface
S-020	B/4	Front Passenger Leg Support Motor Interface
S-021	B/2	Front Passenger BUCKLE Interface
S-022	B/2	Front Passenger SBR Interface
S-023	B/3	Front Passenger Seat Ventilation
S-024	B/16	Front Passenger Adapter Interface 1
S-025	B/5	Front Passenger Horizontal Motor Interface
S-026	B/4	Front Passenger Seat Cushion Heating
S-027	B/2	Front Passenger SAB Interface
S-028	B/32	Front Passenger Seat to Interior Wire Harness



WHE046004

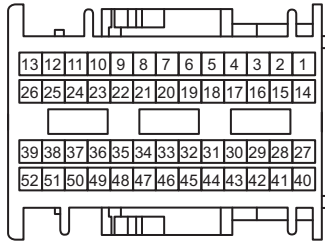
Connector Number	Connector Color/Pin	Connector Name
S-029	B/12	Front Passenger Massage ECU Interface
S-030	B/10	Front Passenger Boss Button Interface
S-031	B/2	Front Passenger Massage Air Pump Interface
S-032	B/16	Front Passenger Adapter Interface 2
S-033	B/3	Front Passenger C3 Angle Adjustment Motor Interface
S-034	B/3	Front Passenger Seatback Ventilation Interface

Seat Wire Harness Connector List



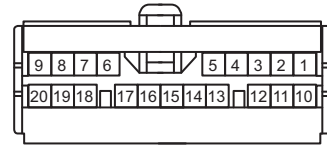
(S-001)
B

Driver Seat to Interior Wire Harness



(S-003)
B

Seat Control Module 1



(S-004)
B

Seat Control Module 2



(S-002)
B

Driver Seat SAB Interface



(S-005)
B

Driver Seat Heating Pad Interface



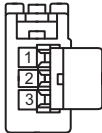
(S-006)
B

Driver Seat BUCKLE Interface



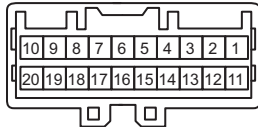
(S-007)
B

Driver Horizontal Motor Interface



(S-008)
B

Driver Seat Cushion Ventilation Interface



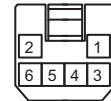
(S-009)
B

Driver Seatback Adapter 1



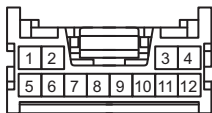
(S-010)
B

Driver Raising Motor Interface



(S-011)
B

Driver Lumbar Support Switch Interface



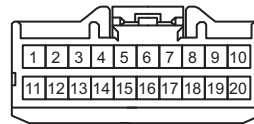
(S-012)
B

Driver Seat Massage/Lumbar Support ECU Interface



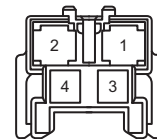
(S-013)
B

Driver Seat Massage Air Pump Interface



(S-014)
B

Driver Seatback Adapter 2



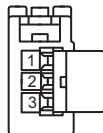
(S-015)
B

Driver Angle Adjustment Motor Interface



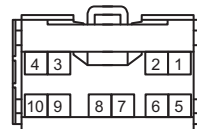
(S-016)
B

Driver Head Restraint Audio



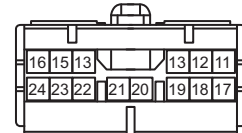
(S-017)
B

Driver Seatback Ventilation Interface



(S-018)
B

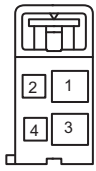
Front Passenger ECU J1 Interface



(S-019)
B

Front Passenger ECU J2 Interface

EPU031001



(S-020)
B

Front Passenger Leg Support Motor Interface



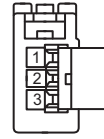
(S-021)
B

Front Passenger BUCKLE Interface



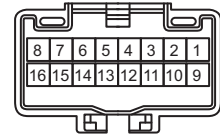
(S-022)
B

Front Passenger SBR Interface



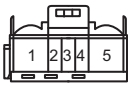
(S-023)
B

Front Passenger Seat Cushion Ventilation Interface



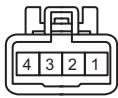
(S-024)
B

Front Passenger Adapter Interface 1



(S-025)
B

Front Passenger Horizontal Motor Interface



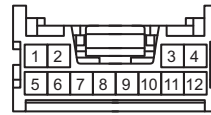
(S-026)
B

Front Passenger Seat Cushion Heating



(S-027)
B

Front Passenger SAB Interface



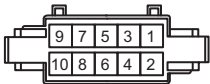
(S-029)
B

Front Passenger Massage ECU Interface



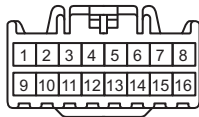
(S-031)
B

Front Passenger Massage Air Pump Interface



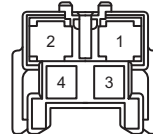
(S-030)
B

Front Passenger Boss Button Interface



(S-032)
B

Front Passenger Adapter Interface 2



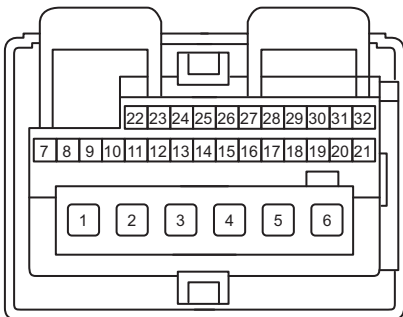
(S-033)
B

Front Passenger C3 Angle Adjustment Motor Interface



(S-034)
B

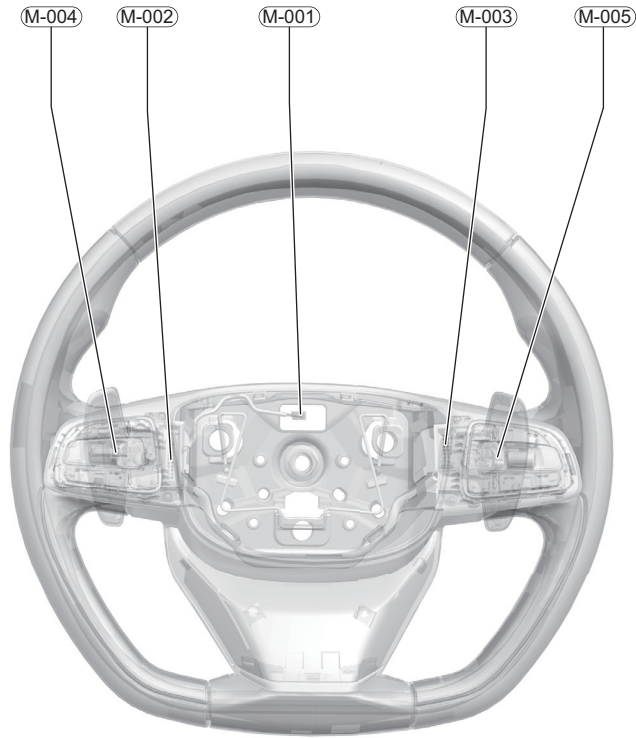
Front Passenger Seatback Ventilation Interface



(S-028)
B

Front Passenger Seat to Interior Wire Harness

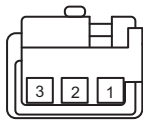
Multi-function Steering Wheel (MFS) wire harness



WHE047001

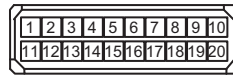
Connector Number	Connector Color/Pin	Connector Name
M-001	W/3	Multi-function Steering Wheel Button
M-002	W/20	Left Steering Multi-function Switch
M-003	W /16	Right Steering Multi-function Switch
M-004	W/3	Left Shift Paddle
M-005	W/3	Right Shift Paddle

Multi-function Steering Wheel (MFS) Wire Harness Connector List



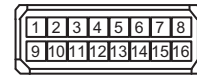
(M-001)
W

Multi-function
Steering Wheel Button



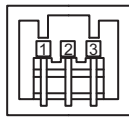
(M-002)
W

Left Steering
Multi-function Switch



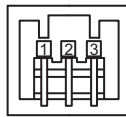
(M-003)
W

Right Steering
Multi-function Switch



(M-004)
W

Left Shift Paddle



(M-005)
W

Right Shift Paddle

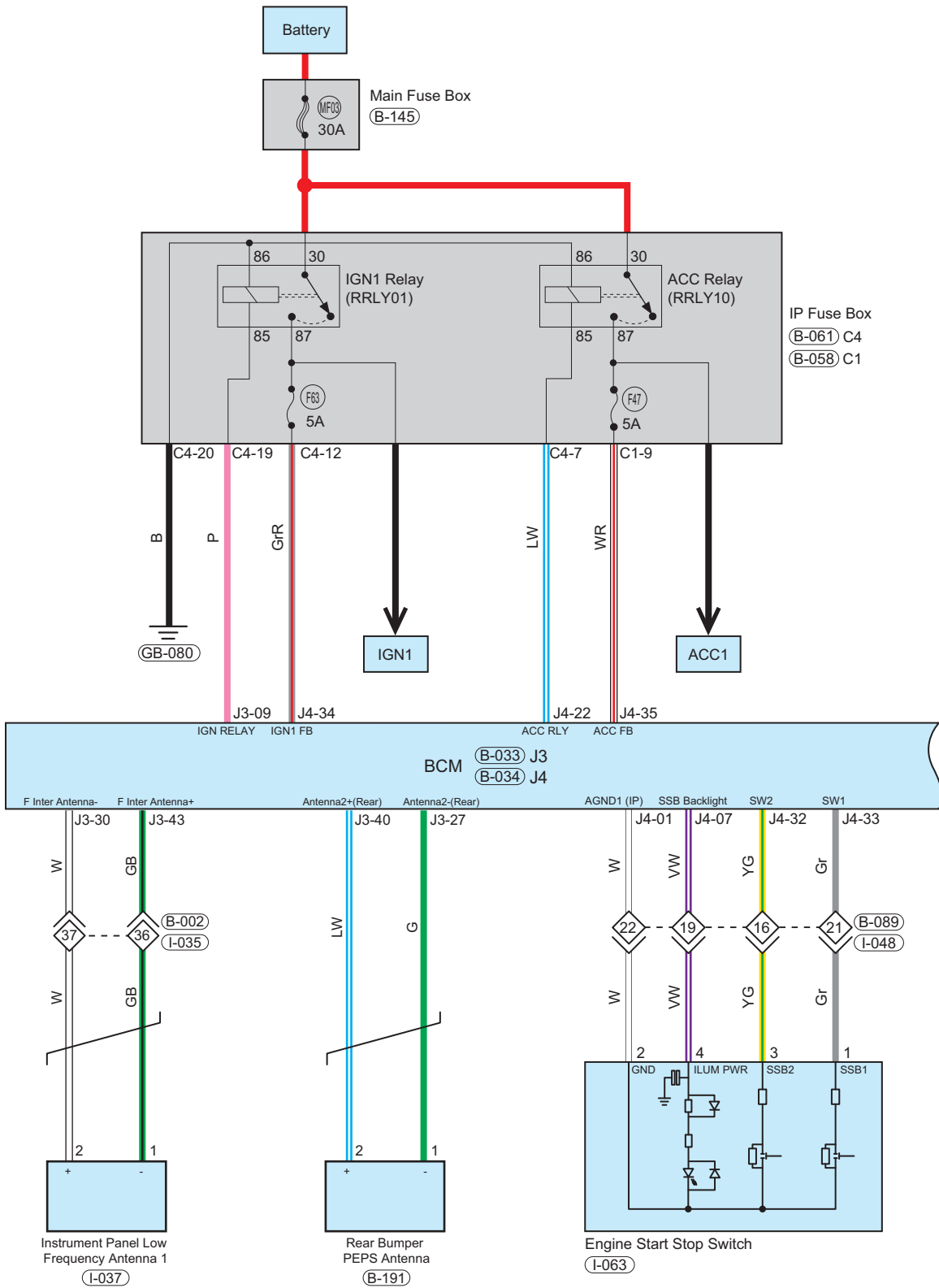
System Circuit Diagram

General Information

This section provides information about system circuit diagram, which is very important for troubleshooting electrical problems. When troubleshooting any problems, first understand operation of faulty circuit (refer to "system circuit" in related Repair Manual or circuit diagram).

After understanding the circuit operation, troubleshoot the malfunction circuit to find out the cause, Then use "Wiring Harness Location Diagram" to find each wire harness, wire harness connector, and grounding points in related circuit. For specifications or detailed removal and installation procedures, please refer to the relevant repair manual.

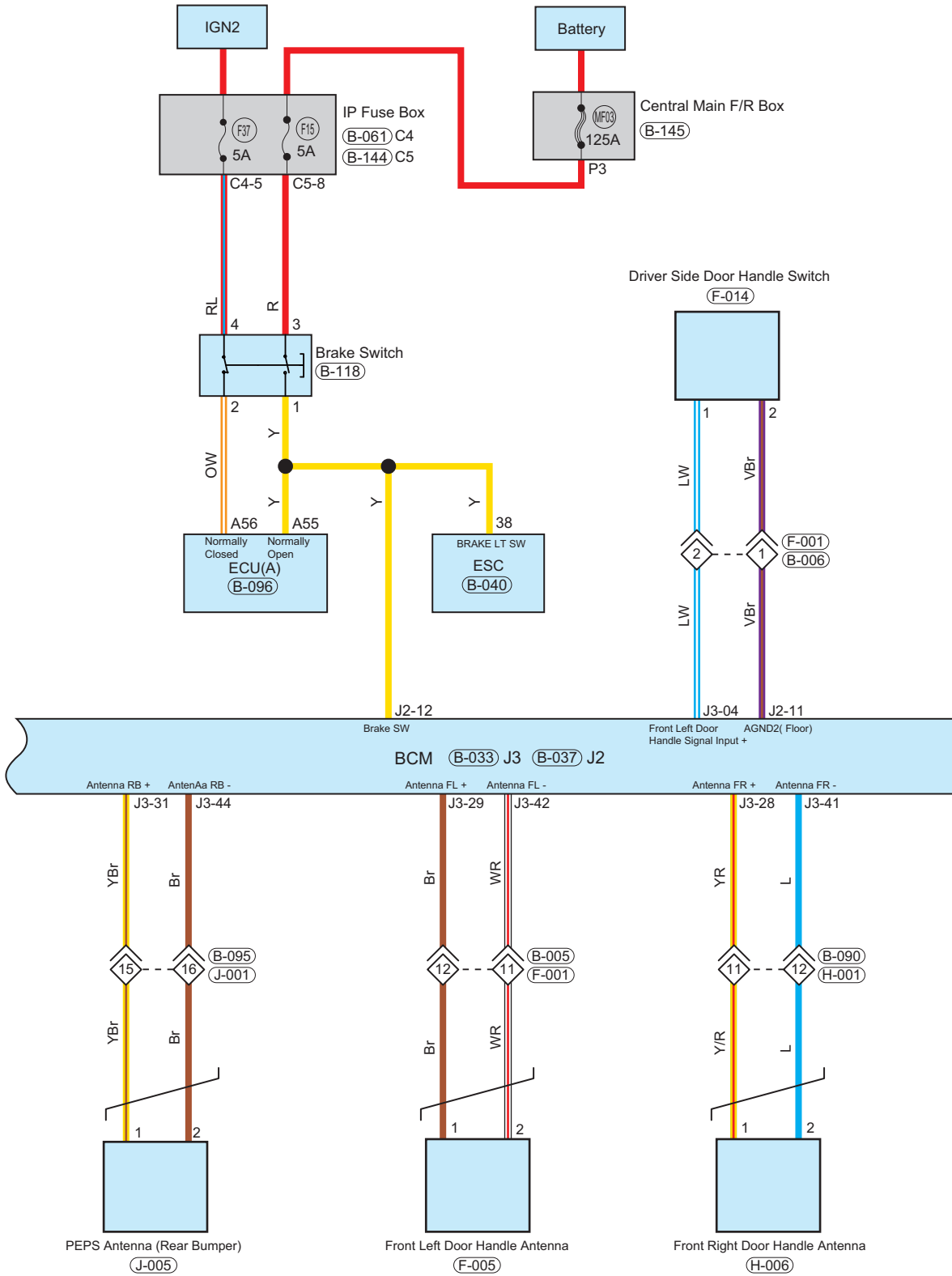
Passive Entry & Passive Start (PEPS)



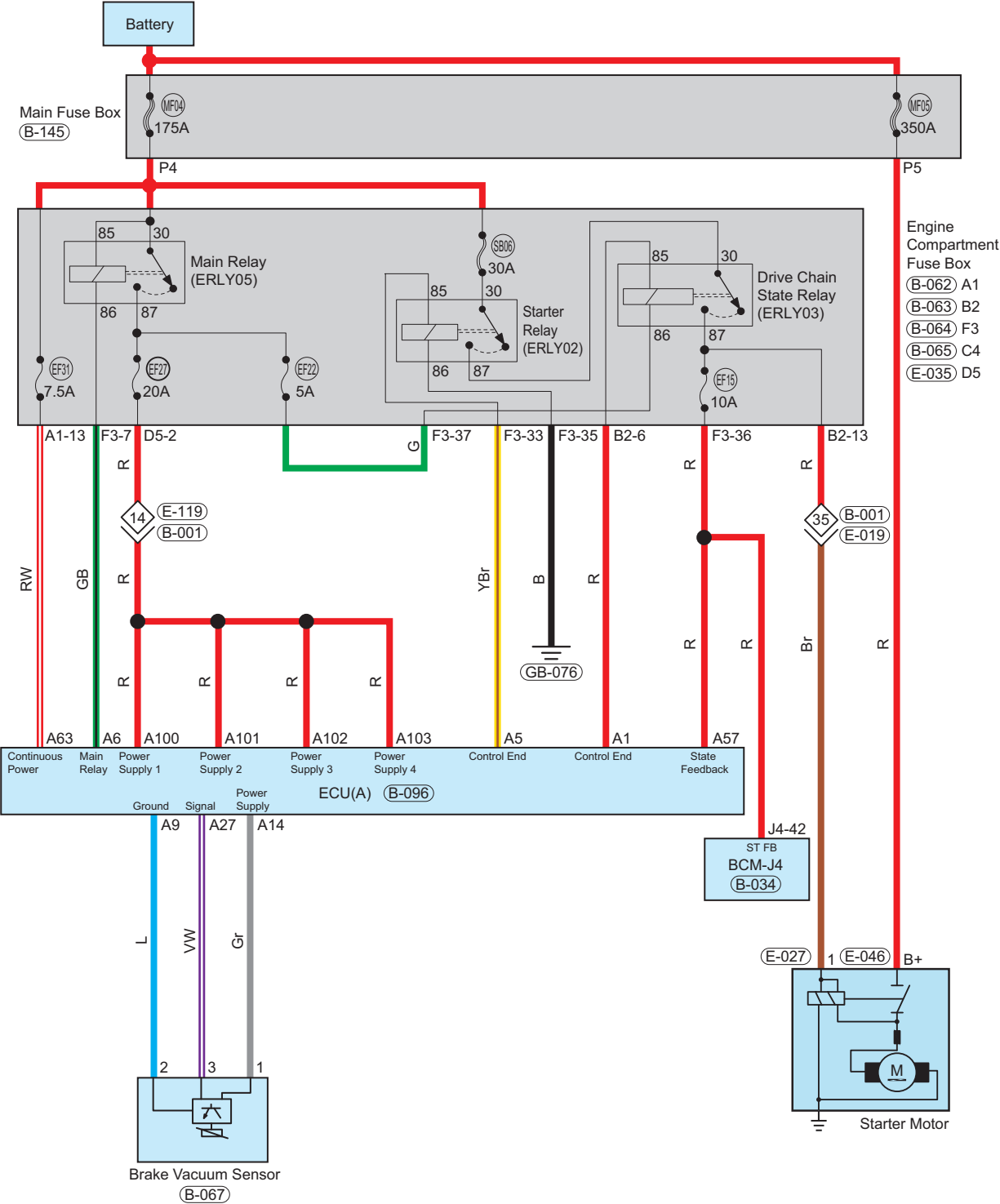
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PEE001001

Passive Entry & Passive Start (PEPS)

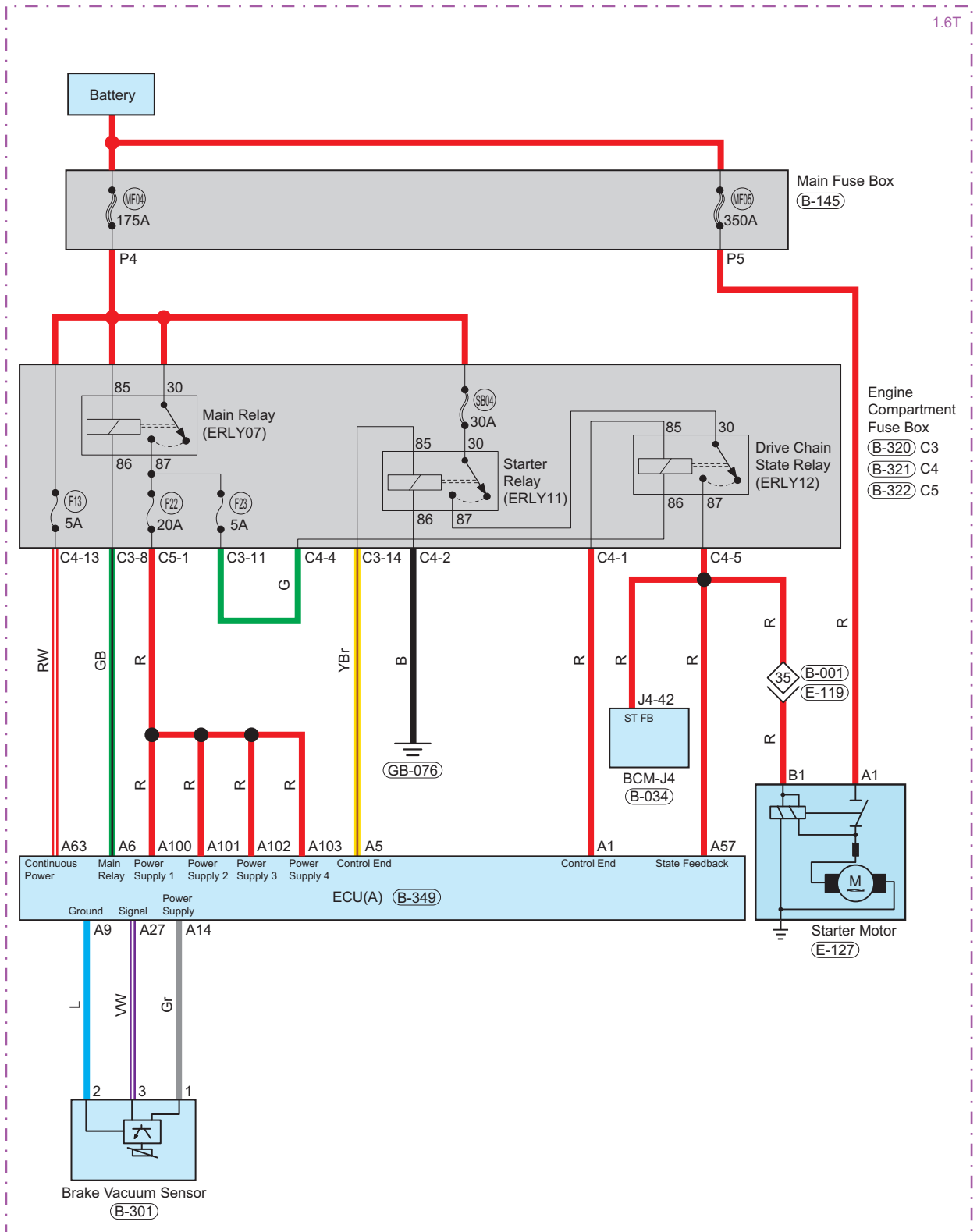


Passive Entry & Passive Start (PEPS)



PEE003001

Passive Entry & Passive Start (PEPS)



1.6T

Passive Entry & Passive Start (PEPS)

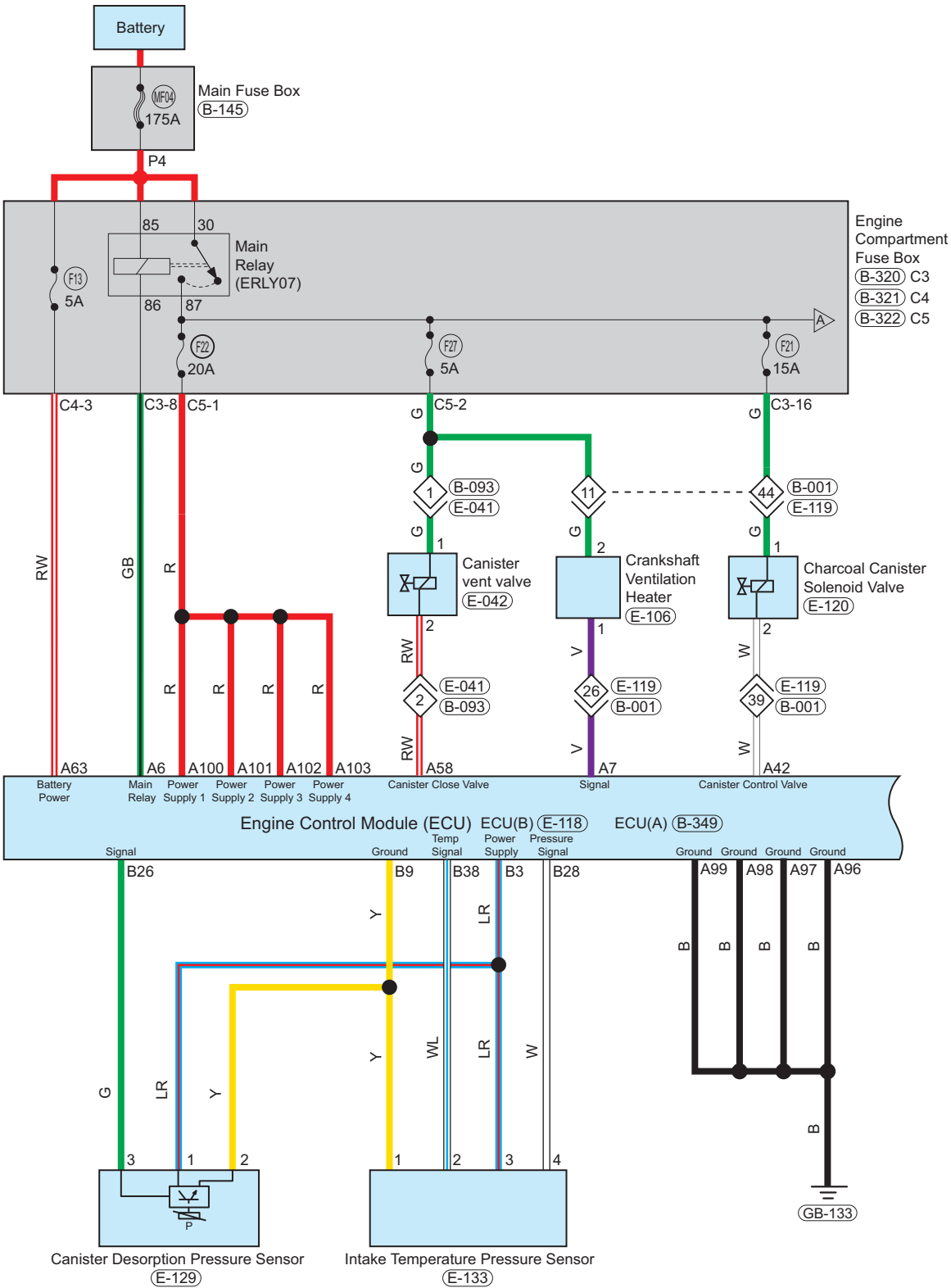
Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-033	Body Domain Control Module - J3	10-32
B-034	Body Domain Control Module - J4	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-040	ESC	10-29
B-058	Instrument Panel Fuse Box - 1	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-065	Engine Compartment Fuse Box - 4	10-29
B-066	Engine Compartment Fuse Box - 6	10-29
B-067	Brake Vacuum Sensor	10-29
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-090	Interior Wire Harness to Front Right Door Wire Harness 1	10-41
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-096	ECU (A)	10-29
B-118	Brake Switch	10-32
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
B-144	Instrument Panel Fuse Box - 5	10-32
B-191	Rear Bumper PEPS Antenna	10-49
B-200	Instrument Panel Fuse Box Positive	10-29
B-301	Brake Vacuum Pressure Sensor	10-50
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50

Wire Harness Connector	Name	Wire Harness Connector
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	10-29
E-019	Engine to Interior Wire Harness	10-2
E-027	Starter Coil	10-2
E-043	PFB-ST	10-2
E-119	Engine to Interior Wire Harness	10-10
E-127	Starter Coil	10-11
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-005	Front Left Door Handle Antenna	10-99
F-014	Driver Side Door Handle Switch	10-99
GB-076	Ground Point G1.4	10-29
GB-080	Ground Point G2.4	10-34
GB-083	Ground Point G2.9	10-35
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-006	Front Right Door Handle Antenna	10-101
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-037	Instrument Panel Low Frequency Antenna 1	10-86
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-063	ENGINE START STOP Switch	10-83
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-005	PEPS Antenna (Rear Bumper)	10-26
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-012	High Mounted Stop Light	10-110

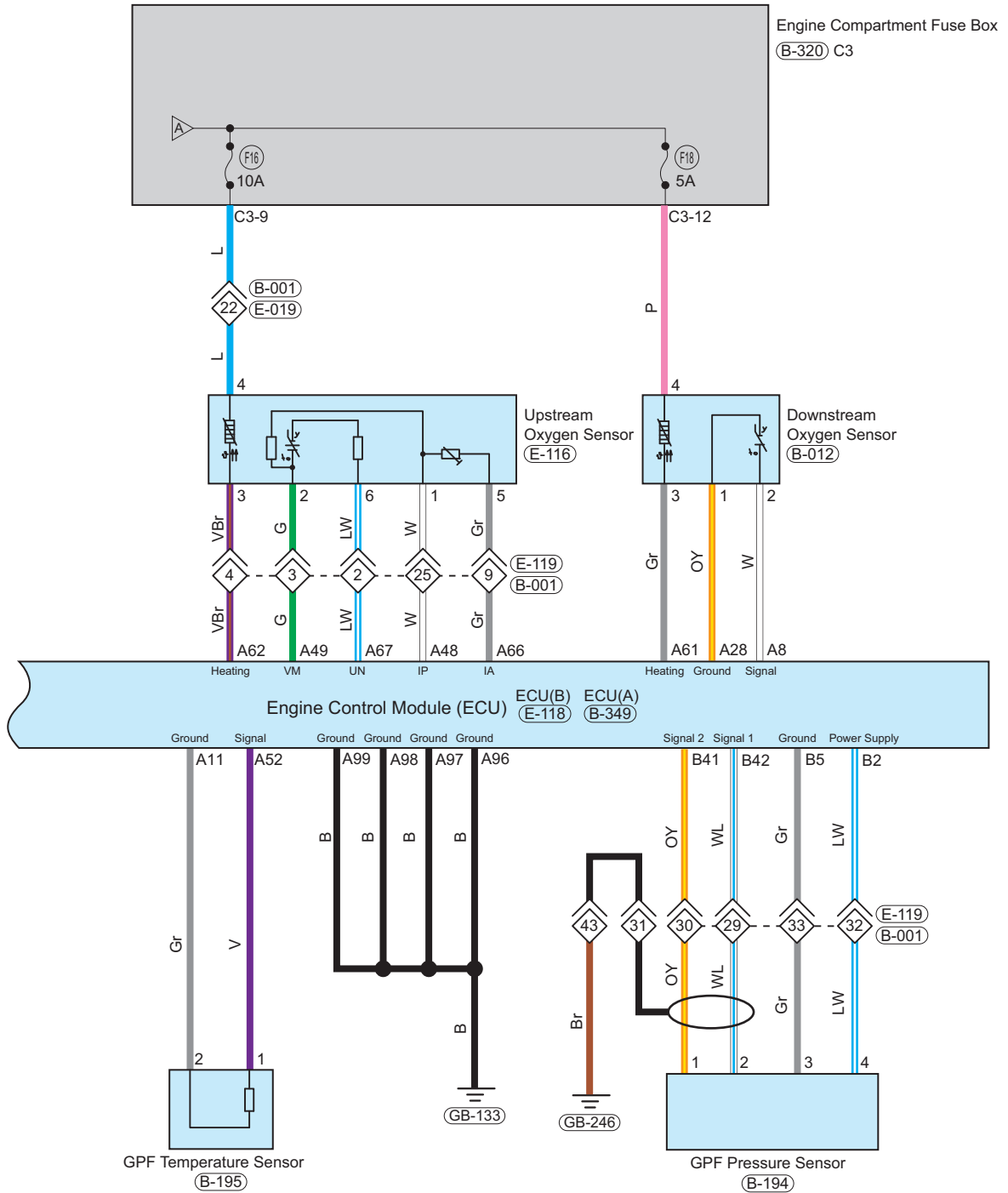
1.6T Fuel Supply System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-068	Cooling Fan	10-29
B-108	Fuel Pump	10-39
B-121	Fuel Tank Pressure Sensor	10-38
B-122	Low Fuel Pressure Sensor	10-31
B-319	Engine Compartment Fuse Box - 2	10-50
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	10-29
E-102	High Pressure Fuel Pump	10-9
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
E-122	Engine Wire to Injection Nozzle Wire	10-11
E-130	Fuel Rail Pressure Sensor	10-11
E-136	Injection Nozzle to Engine Wire Harness	10-16
E-137	Fuel Injector - 1	10-16
E-138	Fuel Injector - 2	10-16
E-139	Fuel Injector - 3	10-16
E-140	Fuel Injector - 4	10-16
GB-085	Ground Point G2.11	10-35
GB-133	Ground Point G1.8	10-29
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-060	Audio Head Unit - B	10-83

1.6T Emission Control System



1.6T Emission Control System

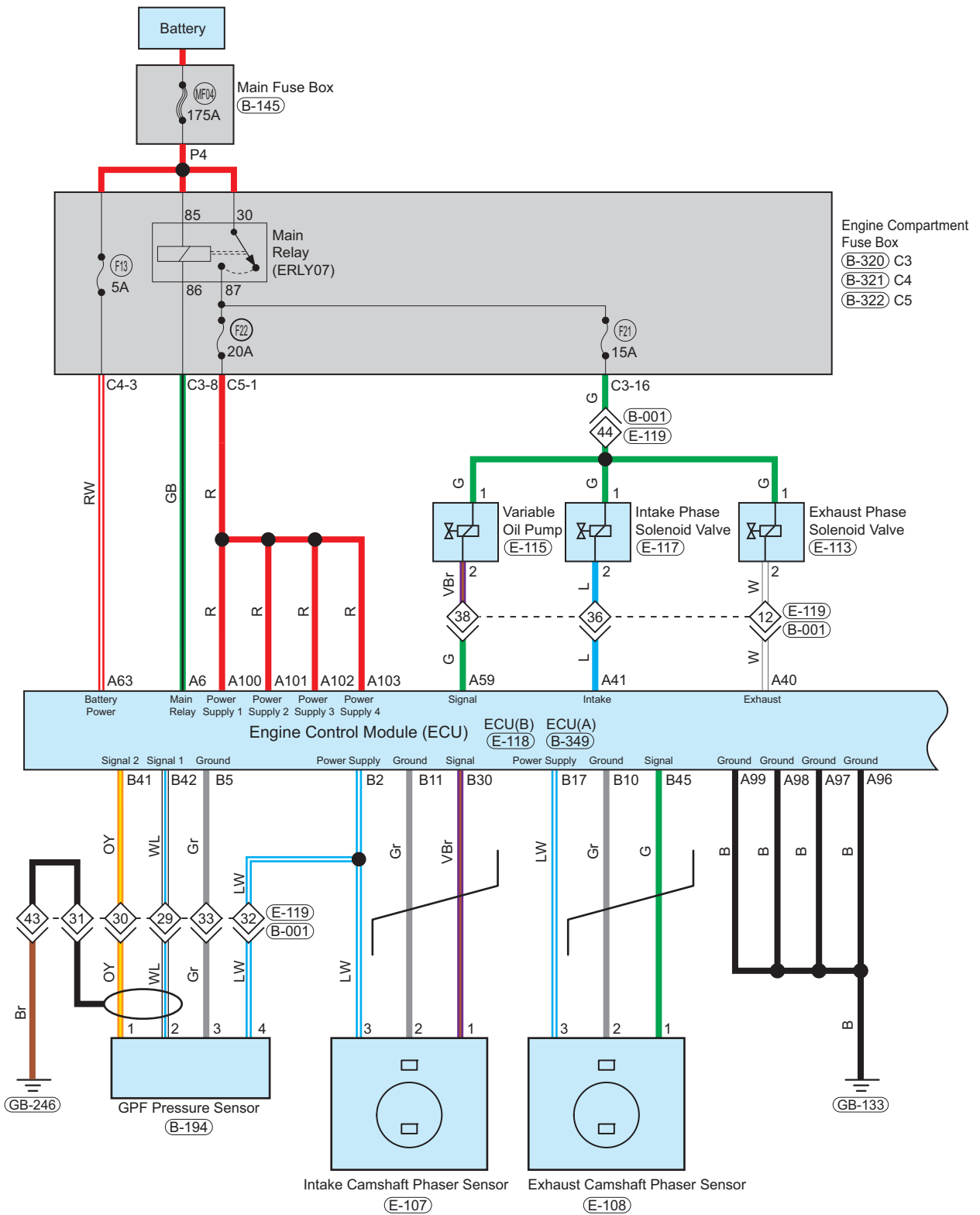


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1.6T Emission Control System

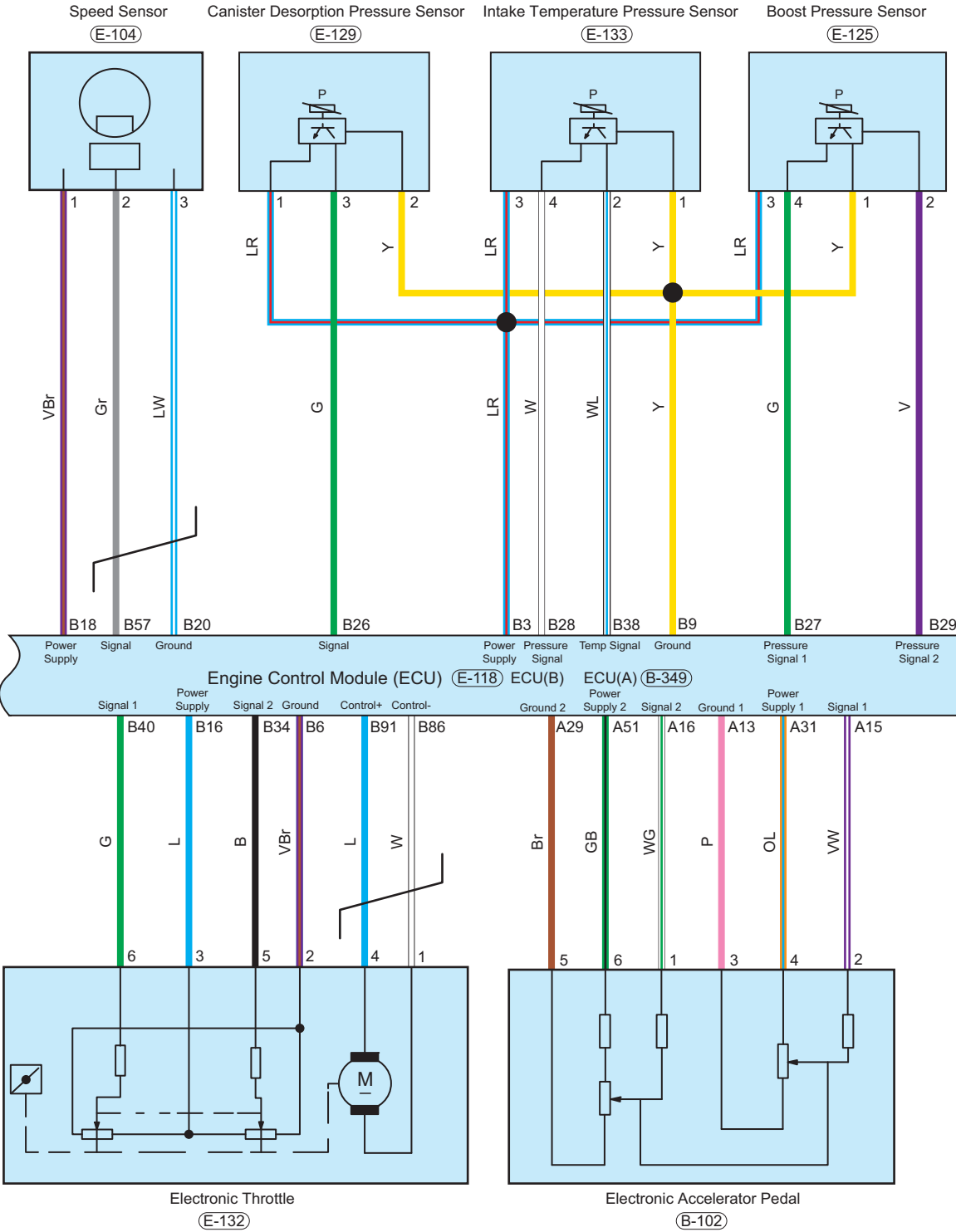
Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-012	Rear Oxygen Sensor	10-48
B-046	Electronic Vacuum Pump	10-31
B-093	Interior Wire Harness to Charcoal Canister Wire Harness	10-38
B-194	GPF Pressure Sensor	10-48
B-195	GPF Temperature Sensor	10-48
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	10-29
E-019	Engine to Interior Wire Harness	10-2
E-041	Charcoal Canister Wire Harness to Interior Wire Harness	10-20
E-042	Canister Ventilation Valve	10-20
E-116	Front Oxygen Sensor	10-10
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
E-120	Canister Solenoid Valve	10-10
E-129	Canister Desorption Pressure Sensor	10-11
E-133	Intake Temperature Pressure Sensor	10-8
GB-133	Ground Point G1.8	10-29

1.6T Intake System



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1.6T Intake System

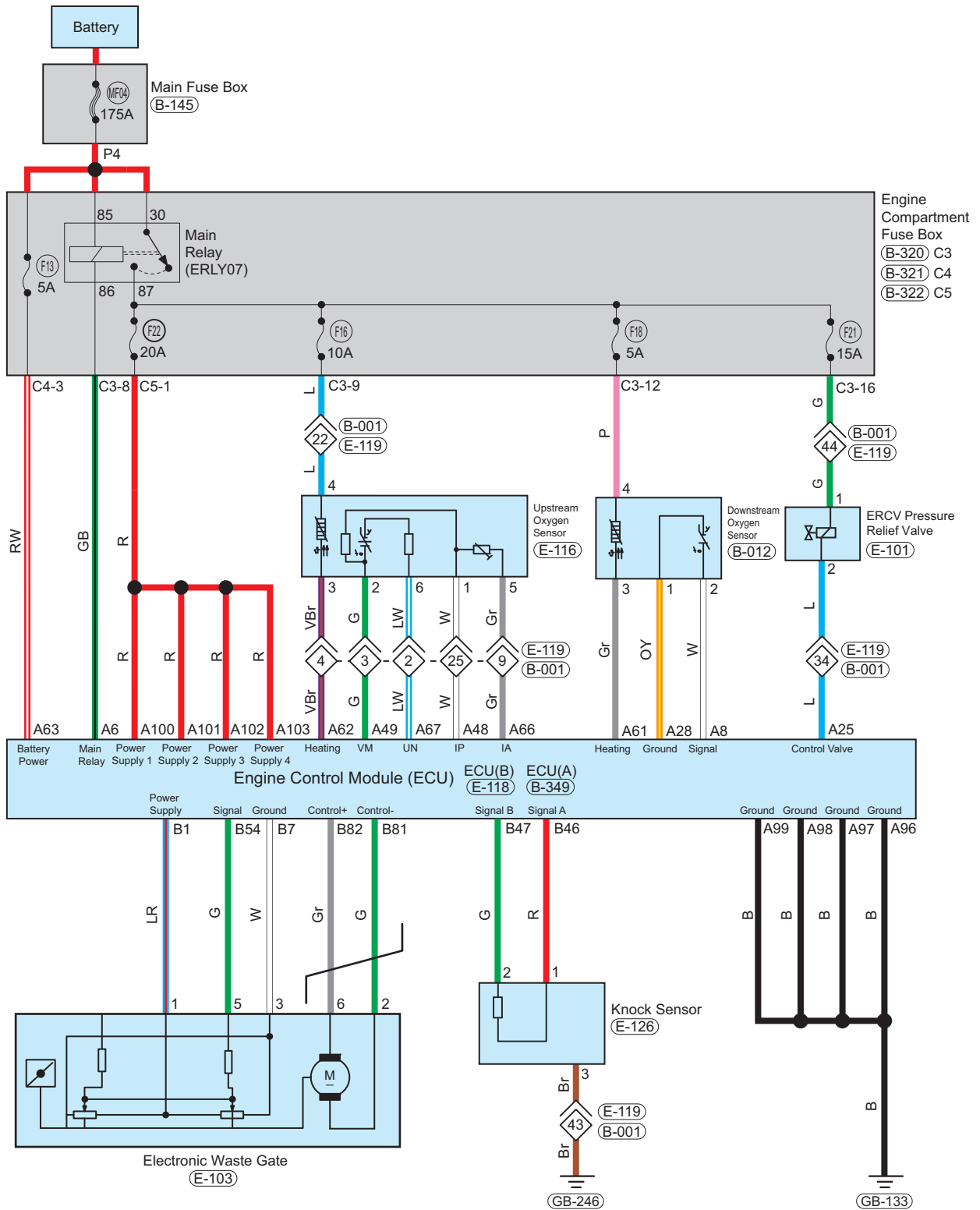


ITE002002

1.6T Intake System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-102	Electronic Accelerator Pedal	10-32
B-194	GPF Pressure Sensor	10-48
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50
B-349	ECU (A)	10-29
E-104	Speed Sensor	10-9
E-107	Intake Camshaft Phaser Sensor	10-9
E-108	Exhaust Camshaft Phaser Sensor	10-9
E-113	Exhaust Phaser Solenoid Valve	10-10
E-115	Variable Oil Pump	10-10
E-117	Intake Phaser Solenoid Valve	10-10
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
E-125	Boost Pressure Sensor	10-11
E-129	Canister Desorption Pressure Sensor	10-11
E-132	Electronic Throttle	10-8
E-133	Intake Temperature Pressure Sensor	10-8
GB-133	Ground Point G1.8	10-29

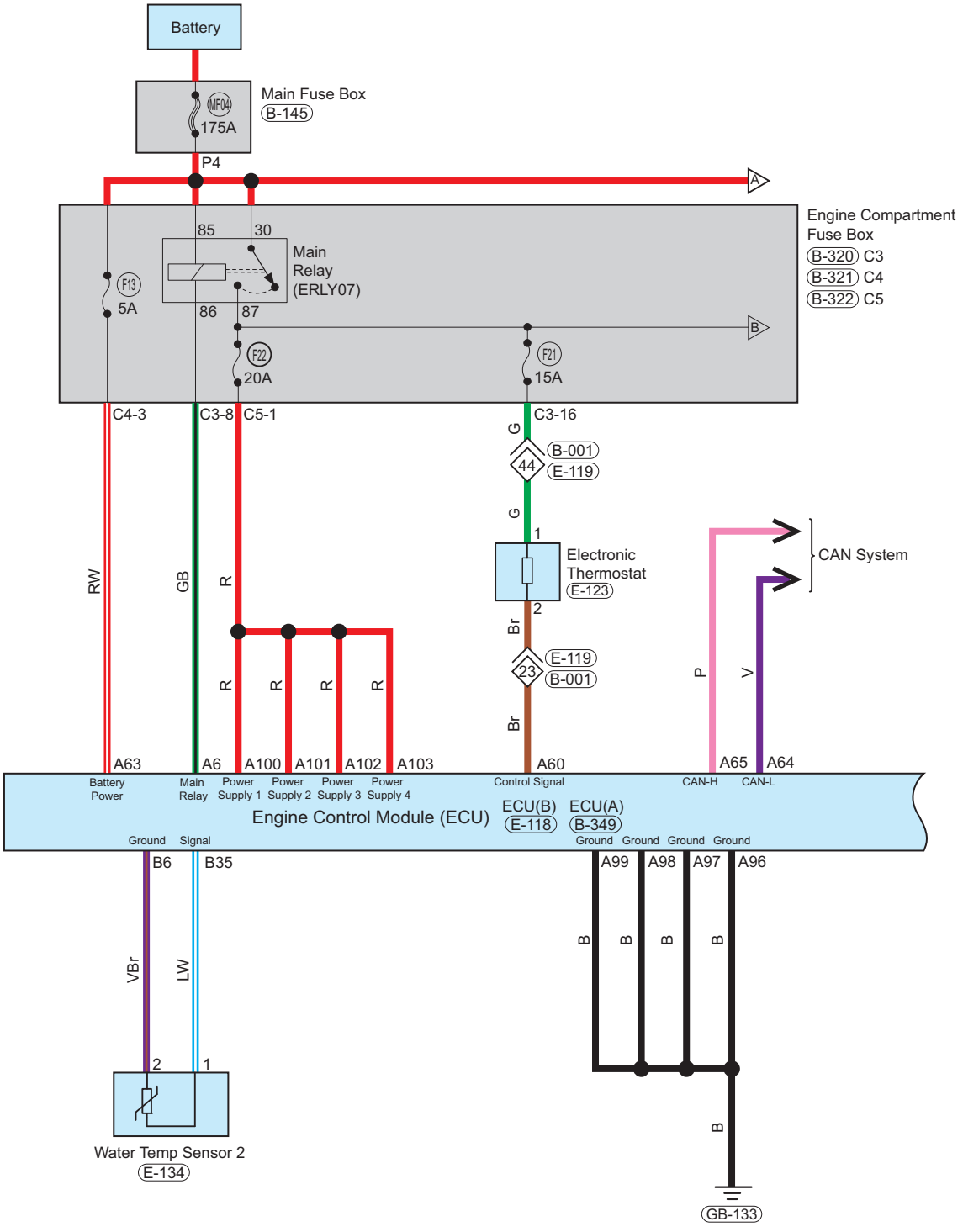
1.6T Exhaust System



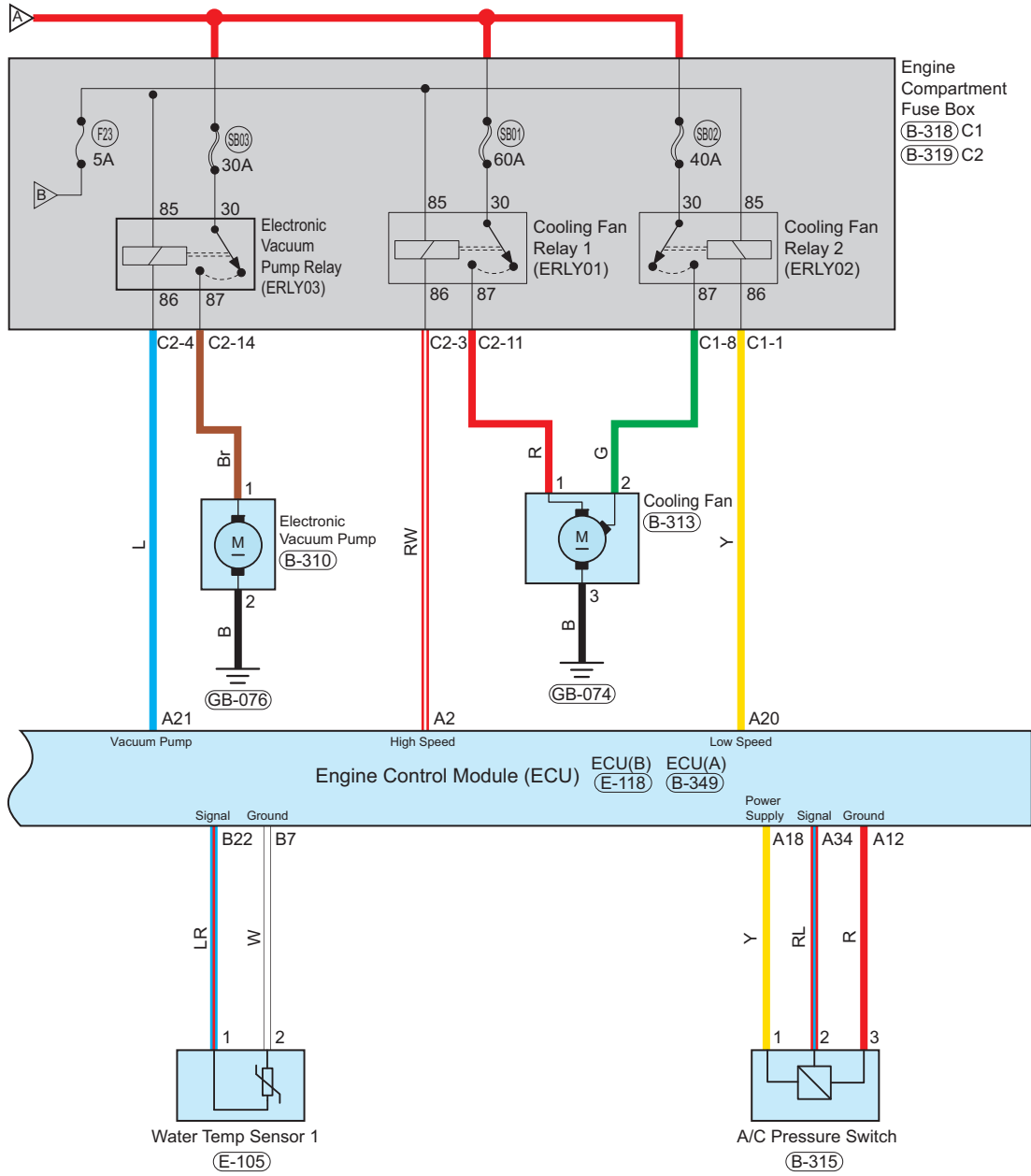
1.6T Exhaust System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-012	Rear Oxygen Sensor	10-48
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	10-29
E-101	ERCV Relief Valve	10-8
E-103	Electronic Waste Gate	10-9
E-116	Front Oxygen Sensor	10-10
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
GB-133	Ground Point G1.8	10-29

1.6T Cooling system



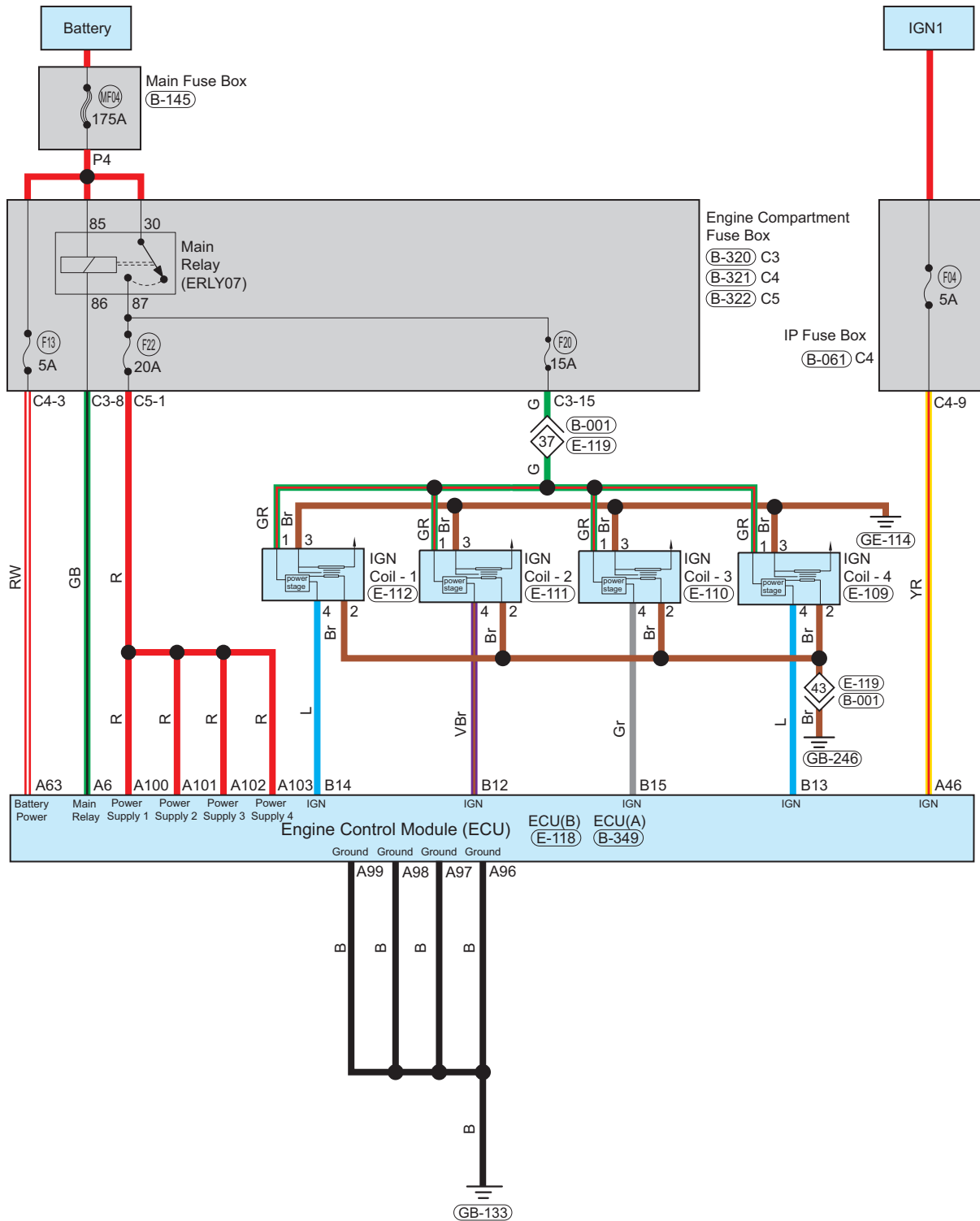
1.6T Cooling system



1.6T Cooling system

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-310	Electronic Vacuum Pump	10-51
B-313	Cooling Fan	10-47
B-315	A/C Pressure Switch	10-59
B-318	Engine Compartment Fuse Box - 1	10-50
B-319	Engine Compartment Fuse Box - 2	10-50
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	B-349
E-105	Water Temperature Sensor 1	10-9
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
E-123	Electronic Thermostat	10-11
E-134	Water Temp Sensor 2	10-11
GB-074	Ground Point G1.2	10-29
GB-133	Ground Point G1.8	10-29

1.6T Ignition System



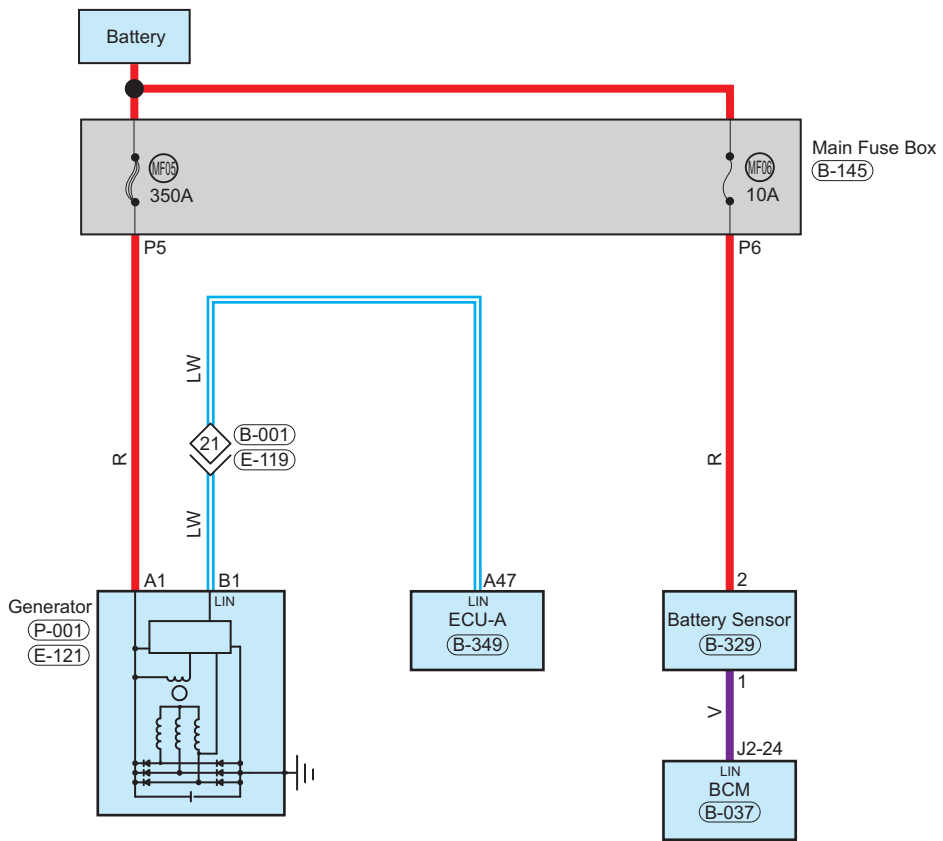
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1.6T Ignition System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-061	Instrument Panel Fuse Box - 4	10-32
B-320	Engine Compartment Fuse Box - 3	10-50
B-321	Engine Compartment Fuse Box - 4	10-50
B-322	Engine Compartment Fuse Box - 5	10-50
B-349	ECU (A)	10-29
E-109	Ignition Coil - 4	10-10
E-110	Ignition Coil - 3	10-10
E-111	Ignition Coil - 2	10-10
E-112	Ignition Coil - 1	10-10
E-118	ECU (B)	10-10
E-119	Engine to Interior Wire Harness	10-10
GB-133	Ground Point G1.8	10-29
GB-246	Ground Point G1.3A	10-29
GE-114	Ground Point G1.11	10-10

1.6T Charging System

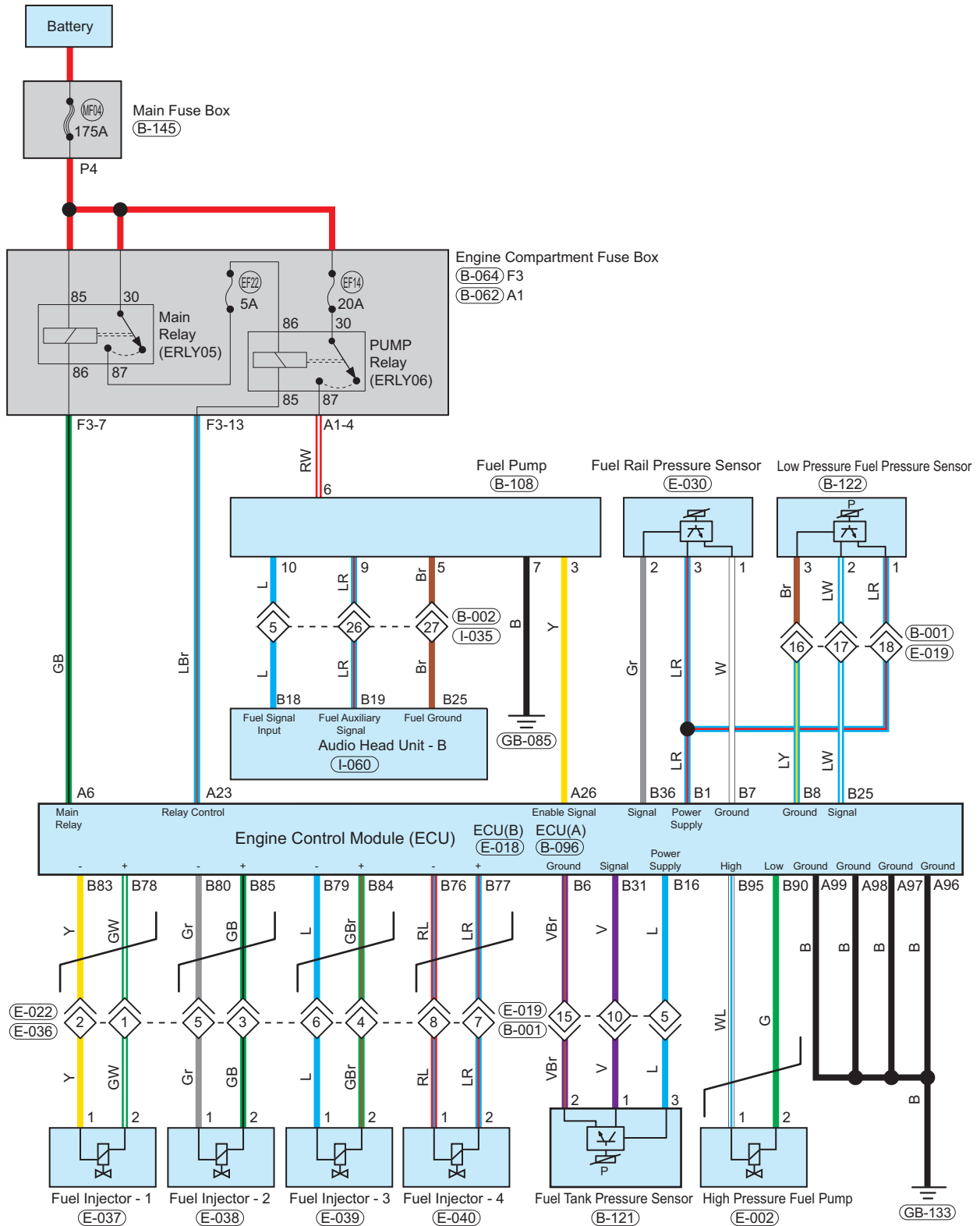


1.6T Charging System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-037	Body Control Module-E	10-32
B-329	Battery Sensor	10-62
B-349	ECU (A)	10-29
E-119	Engine to Interior Wire Harness	10-10
E-121	Alternator Excitation	10-11

2.0T Engine Control System (EMS)

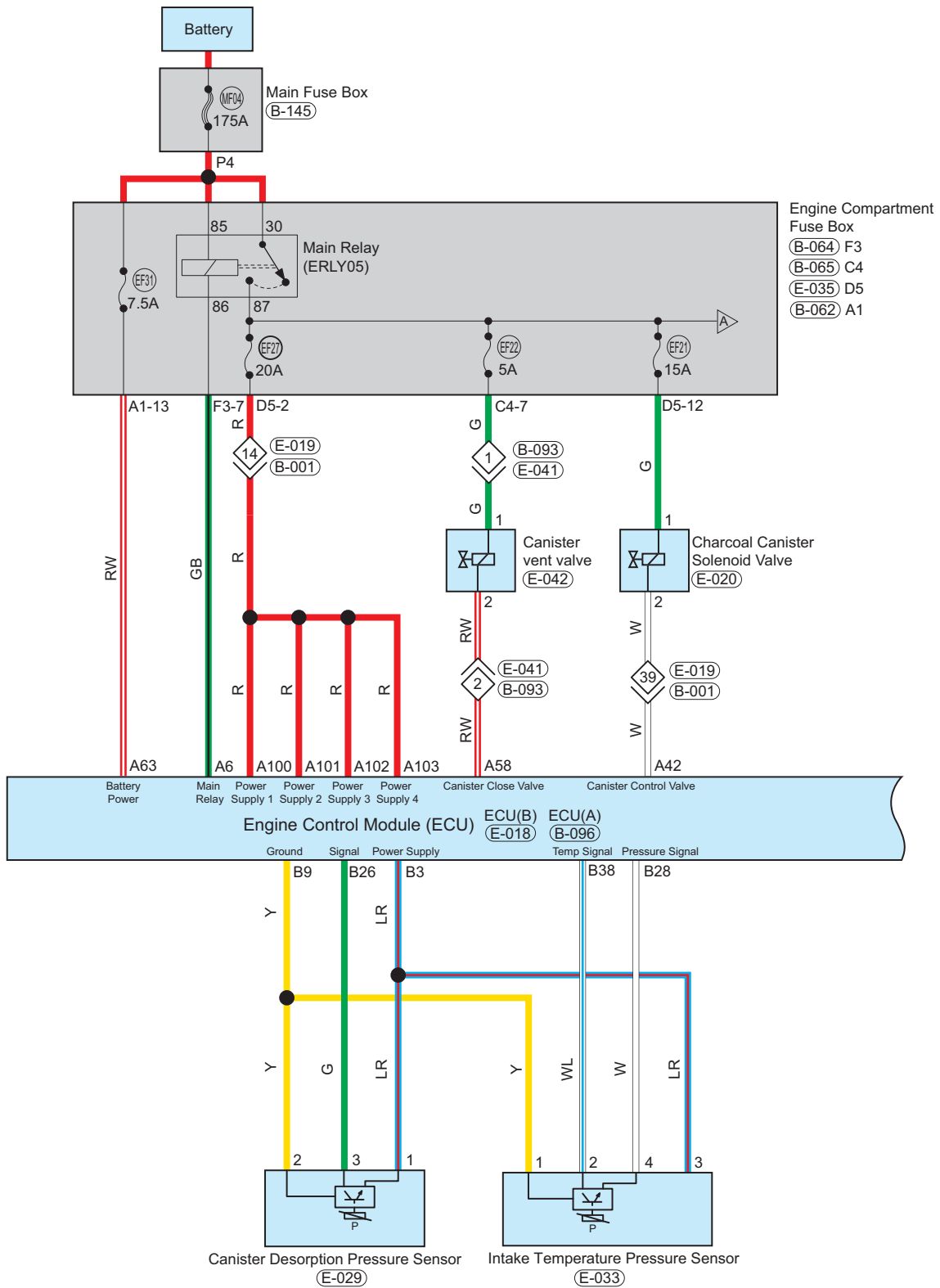
2.0T Fuel Supply System



2.0T Fuel Supply System

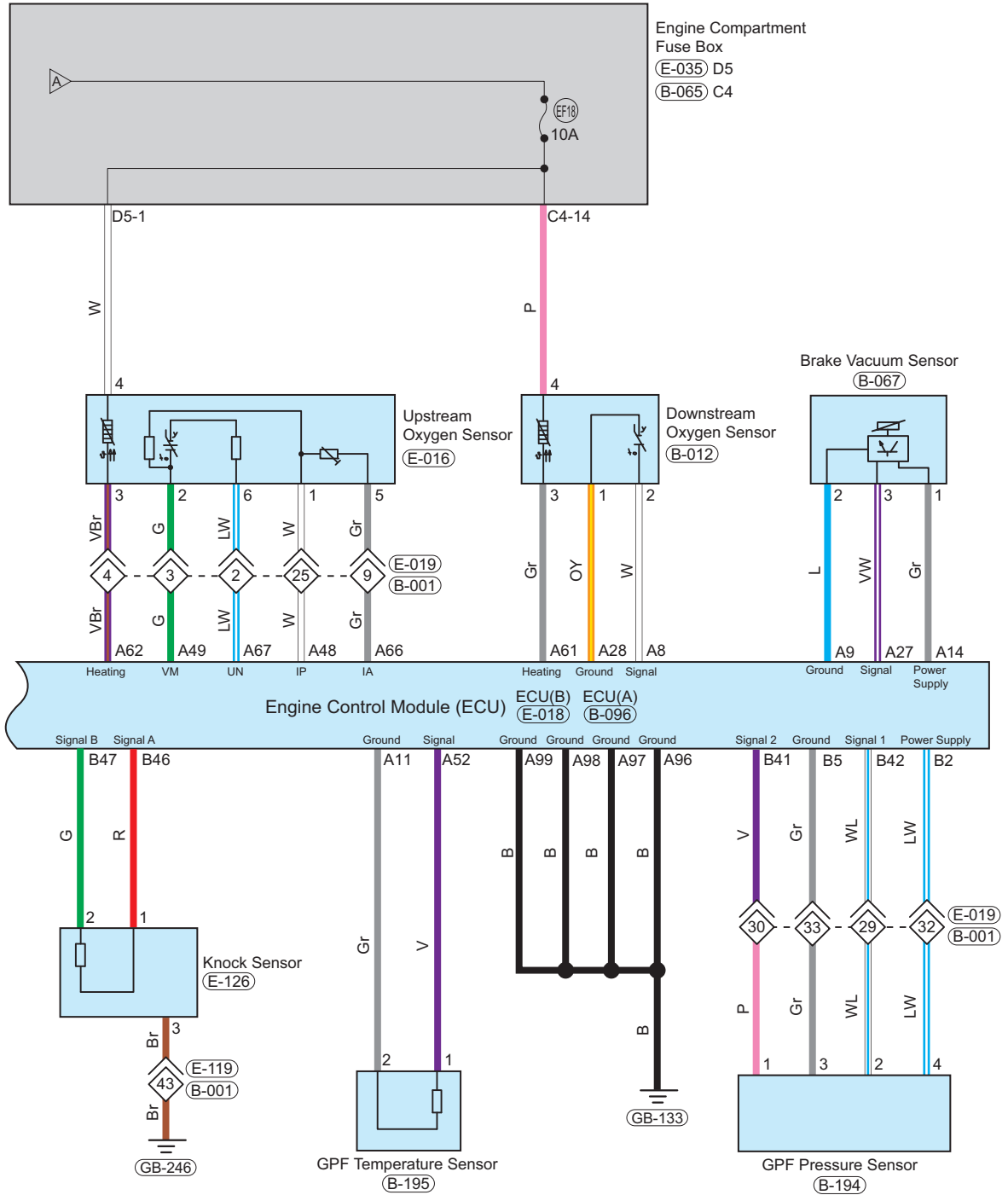
Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-096	ECU (A)	10-29
B-108	Fuel Pump	10-39
B-121	Fuel Tank Pressure Sensor	10-38
B-122	Low Fuel Pressure Sensor	10-31
E-002	High Pressure Fuel Pump	10-4
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-022	Engine Wire to Injection Nozzle Wire	10-2
E-030	Fuel Rail Pressure Sensor	10-2
E-036	Injection Nozzle to Engine Wire Harness	10-14
E-037	Fuel Injector - 1	10-14
E-038	Fuel Injector - 2	10-14
E-039	Fuel Injector - 3	10-14
E-040	Fuel Injector - 4	10-14
GB-085	Ground Point G2.11	10-35
GB-133	Ground Point G1.8	10-29
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-060	Audio Head Unit - B	10-83

2.0T Emission Control System



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2.0T Emission Control System

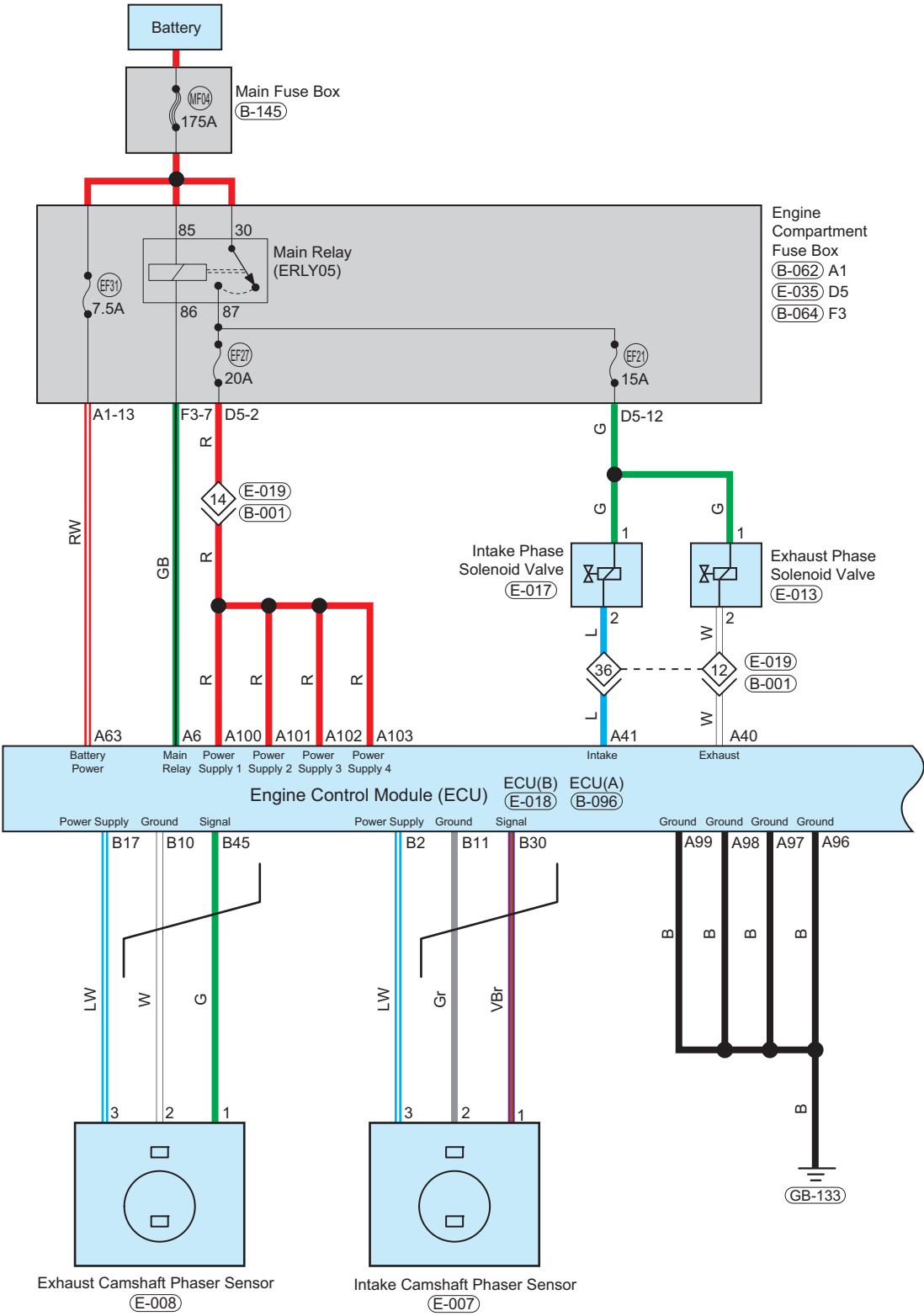


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2.0T Emission Control System

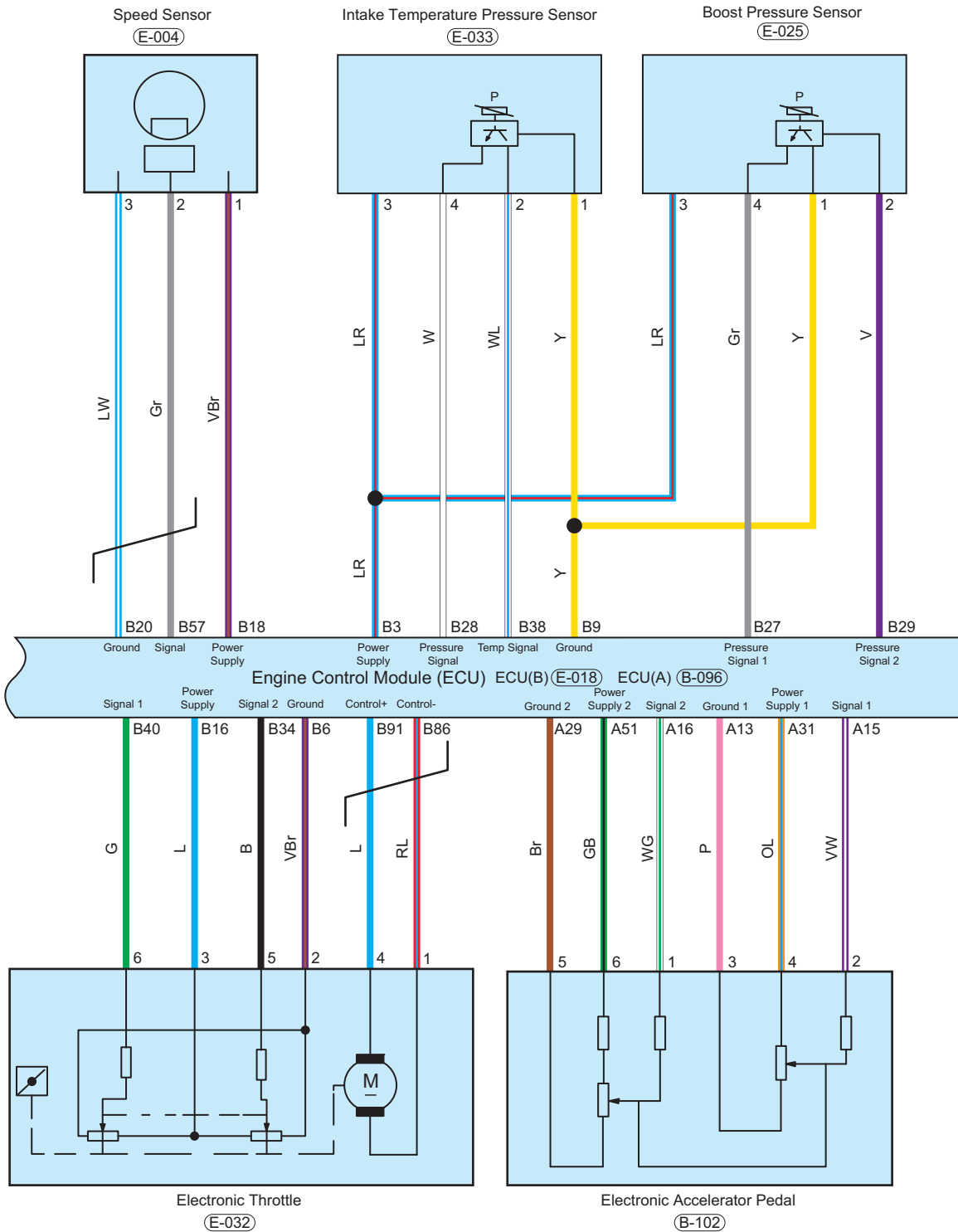
Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-012	Rear Oxygen Sensor	10-48
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-065	Engine Compartment Fuse Box - 4	10-29
B-093	Interior Wire Harness to Charcoal Canister Wire Harness	10-38
B-096	ECU (A)	10-29
B-194	GPF Pressure Sensor	10-48
B-195	GPF Temperature Sensor	10-48
E-016	Front Oxygen Sensor	10-5
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-020	Canister Solenoid Valve	10-5
E-029	Electric Water Pump	10-4
E-033	Intake Temperature Pressure Sensor	10-4
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
E-041	Charcoal Canister Wire Harness to Interior Wire Harness	10-20
E-042	Canister Ventilation Valve	10-20
GB-133	Ground Point G1.8	10-29

2.0T Intake System



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2.0T Intake System



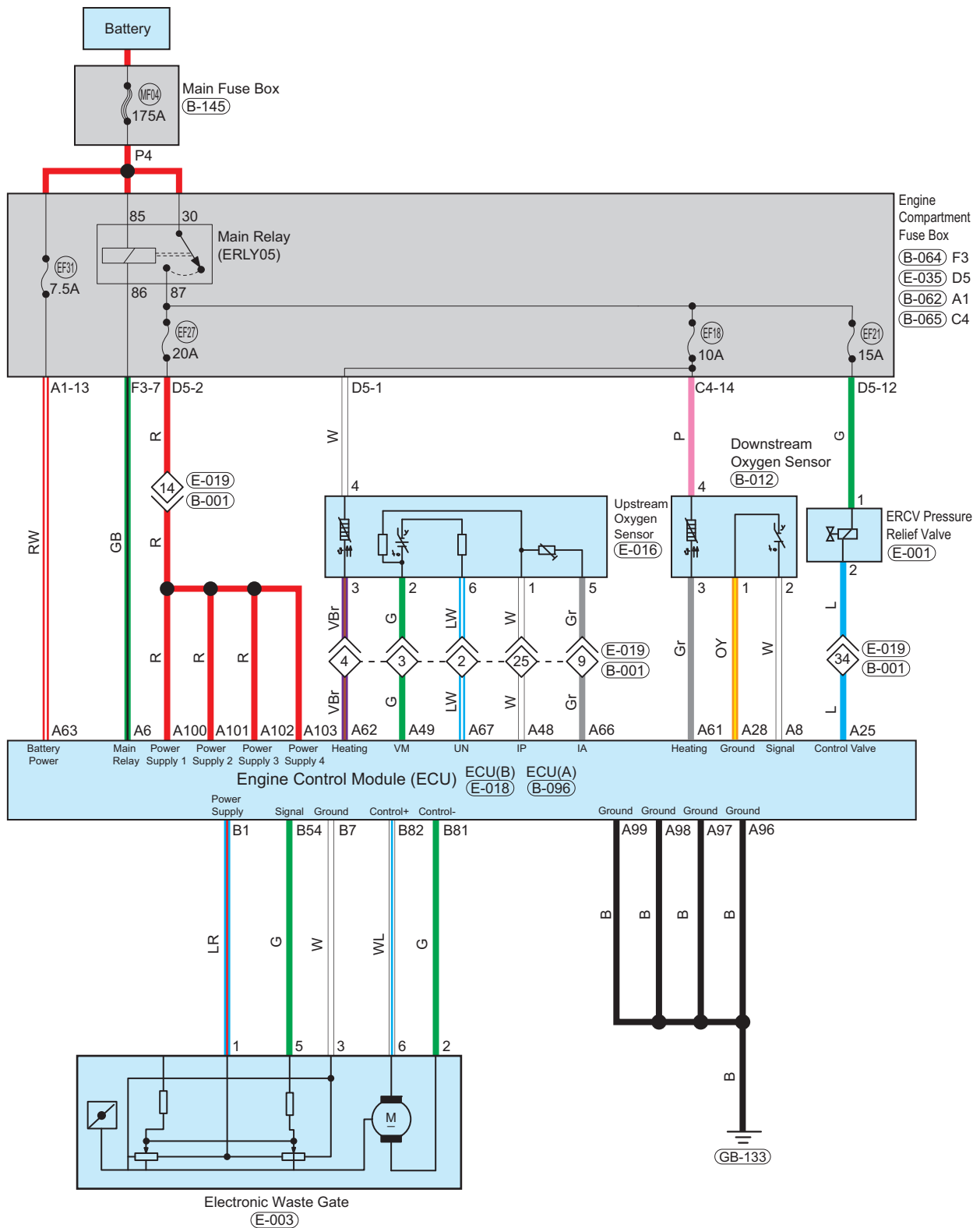
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2.0T Intake System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-096	ECU (A)	10-29
B-102	Electronic Accelerator Pedal	10-32
E-004	Speed Sensor	10-4
E-007	Intake Camshaft Phaser Sensor	10-4
E-008	Exhaust Camshaft Phaser Sensor	10-4
E-013	Exhaust Phaser Solenoid Valve	10-5
E-017	Intake Phaser Solenoid Valve	10-5
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-025	Boost Pressure Sensor	10-2
E-032	Electronic Throttle	10-2
E-033	Intake Temperature Pressure Sensor	10-4
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
GB-133	Ground Point G1.8	10-29

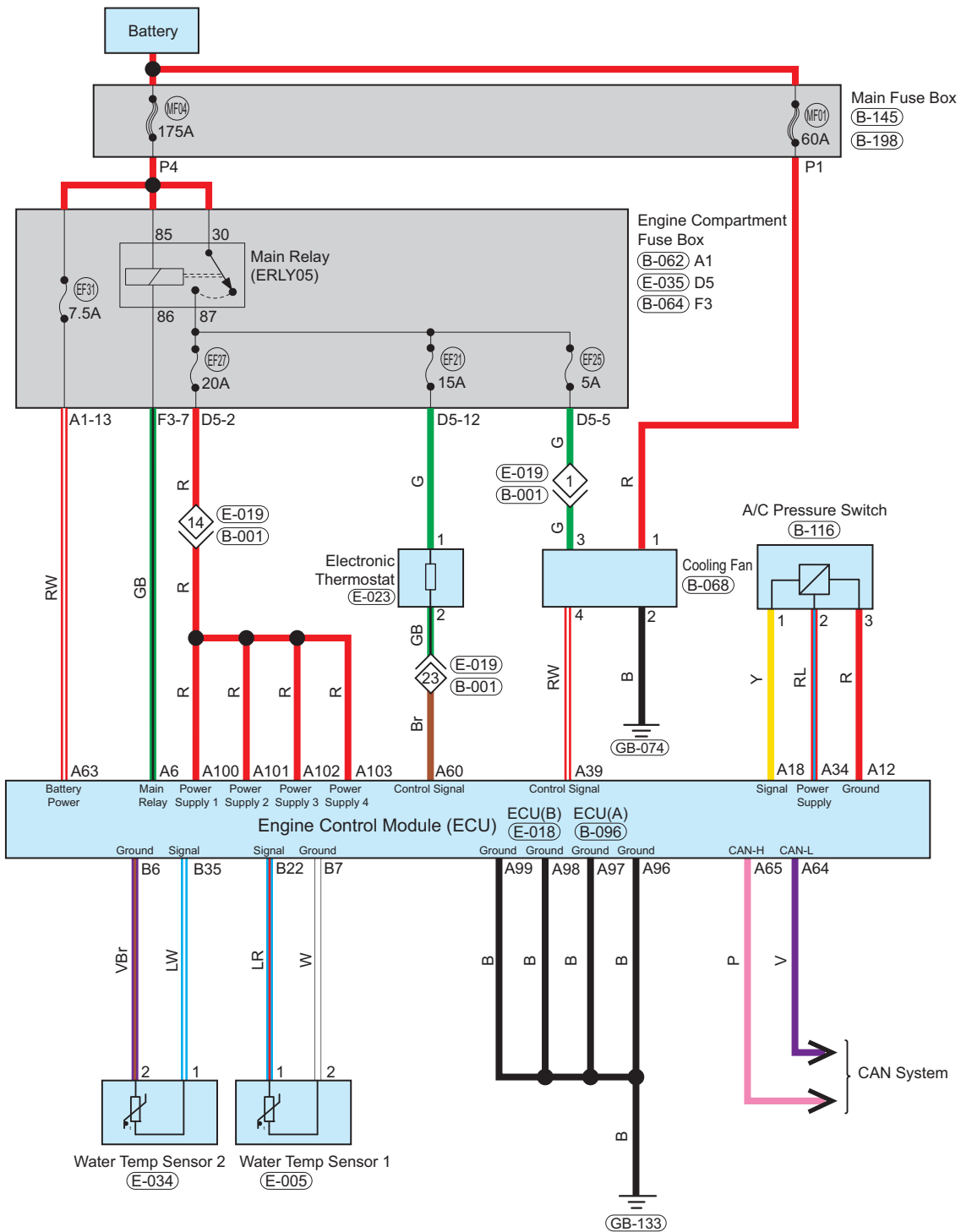
2.0T Exhaust System



2.0T Exhaust System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-012	Rear Oxygen Sensor	10-48
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-065	Engine Compartment Fuse Box - 4	10-29
B-096	ECU (A)	10-29
E-001	ERCV Relief Valve	10-4
E-002	High Pressure Fuel Pump	10-4
E-003	Air Flow Meter	10-4
E-016	Front Oxygen Sensor	10-5
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
GB-133	Ground Point G1.8	10-29

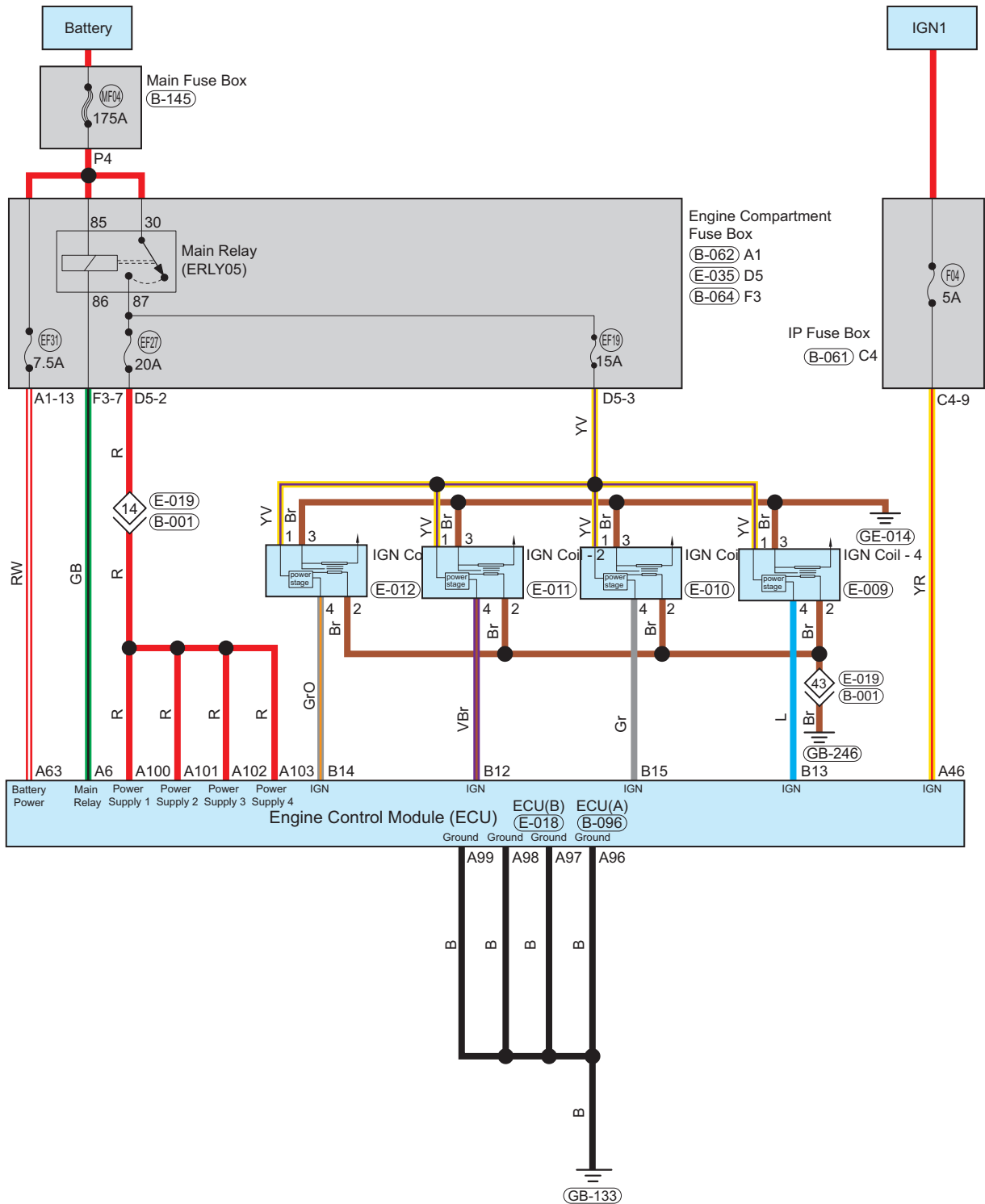
2.0T Cooling system



2.0T Cooling system

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-068	Cooling Fan	10-29
B-096	ECU (A)	10-29
B-116	A/C Pressure Switch	10-31
B-198	ESC Positive	10-29
E-005	Water Temperature Sensor 1	10-4
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-023	Electronic Thermostat	10-2
E-034	Water Temperature Sensor 2	10-2
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
GB-074	Ground Point G1.2	10-29
GB-133	Ground Point G1.8	10-29

2.0T Ignition System



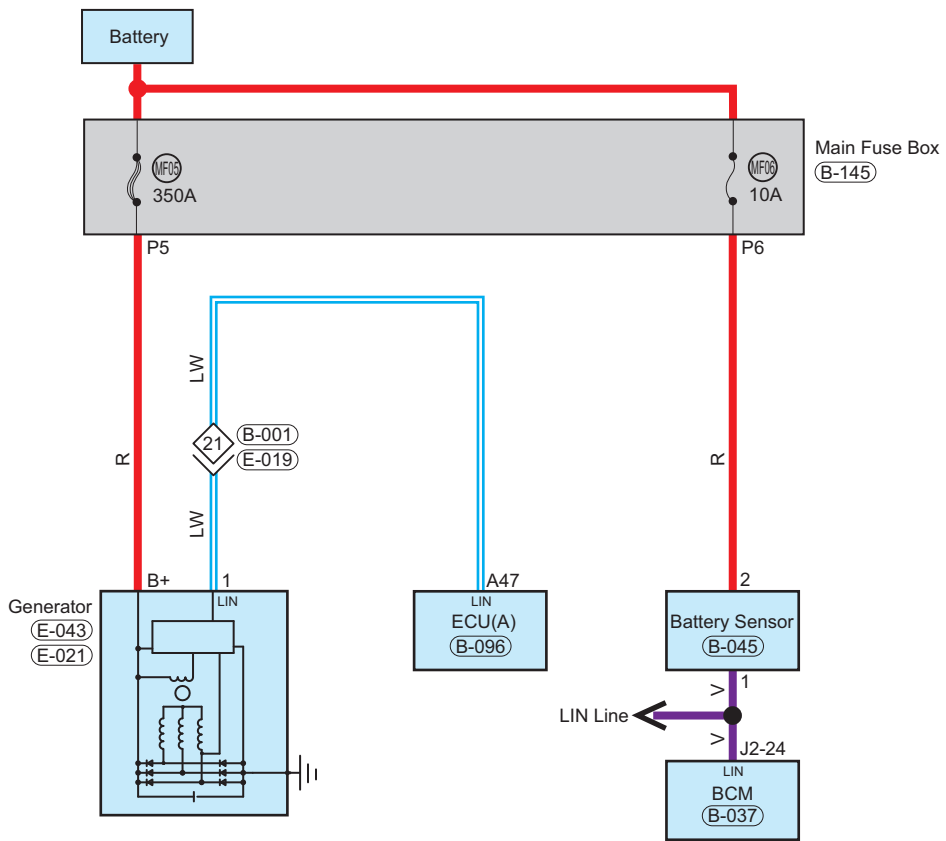
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2.0T Ignition System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-061	Instrument Panel Fuse Box - 4	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-096	ECU (A)	10-29
E-009	Ignition Coil - 4	10-5
E-010	Switch Type Water Pump	10-5
E-011	Ignition Coil - 2	10-5
E-012	Ignition Coil - 1	10-5
E-018	ECU (B)	10-2
E-019	Engine to Interior Wire Harness	10-2
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
GB-133	Ground Point G1.8	10-29
GB-246	Ground Point G1.3A	10-29
GE-014	Ground Point G1.11	10-5

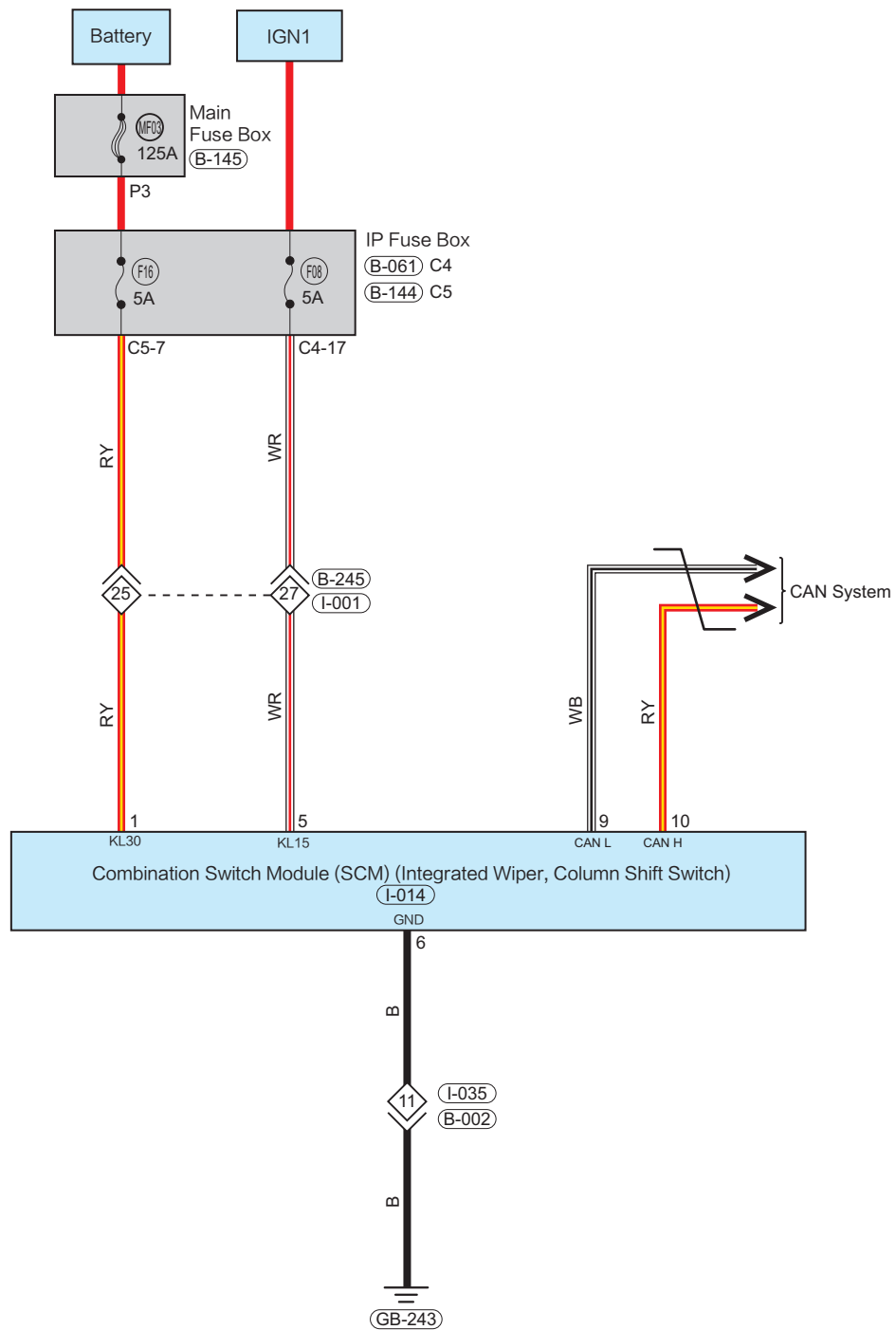
2.0T Charging System



2.0T Charging System

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-037	Body Control Module-E	10-32
B-045	Battery Sensor	10-29
B-070	Battery Sensor Power Supply	10-29
B-096	ECU (A)	10-29
E-019	Engine to Interior Wire Harness	10-2
E-021	Alternator Excitation	10-2
E-043	PFB-ST	10-2

Combination Switch Module (SCM)



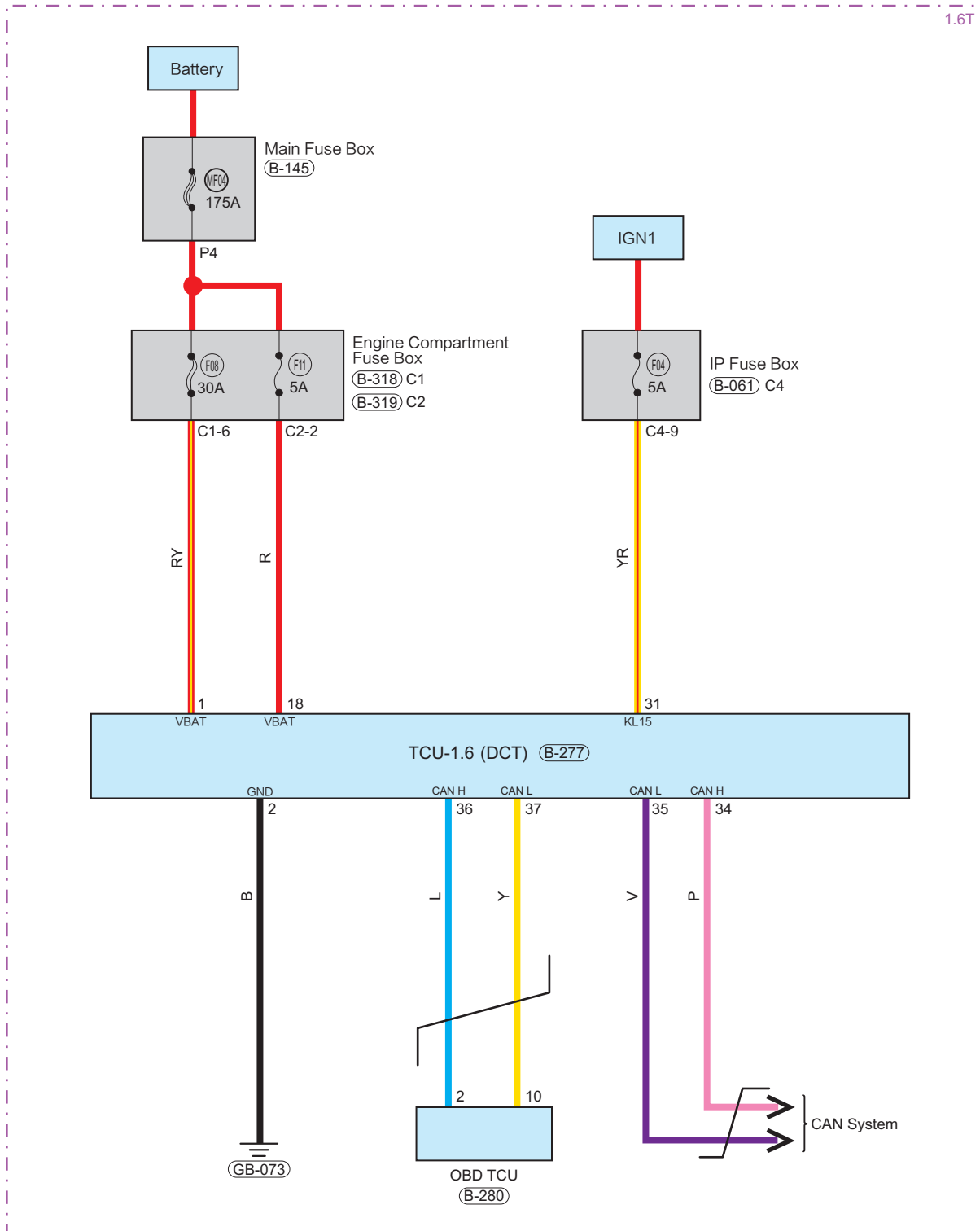
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SAE006001

Combination Switch Module (SCM)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
GB-243	Ground Point G2.16	10-42
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-014	Combination Switch Module (SCM) (Integrated Wiper, Column Shift Switch)	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84

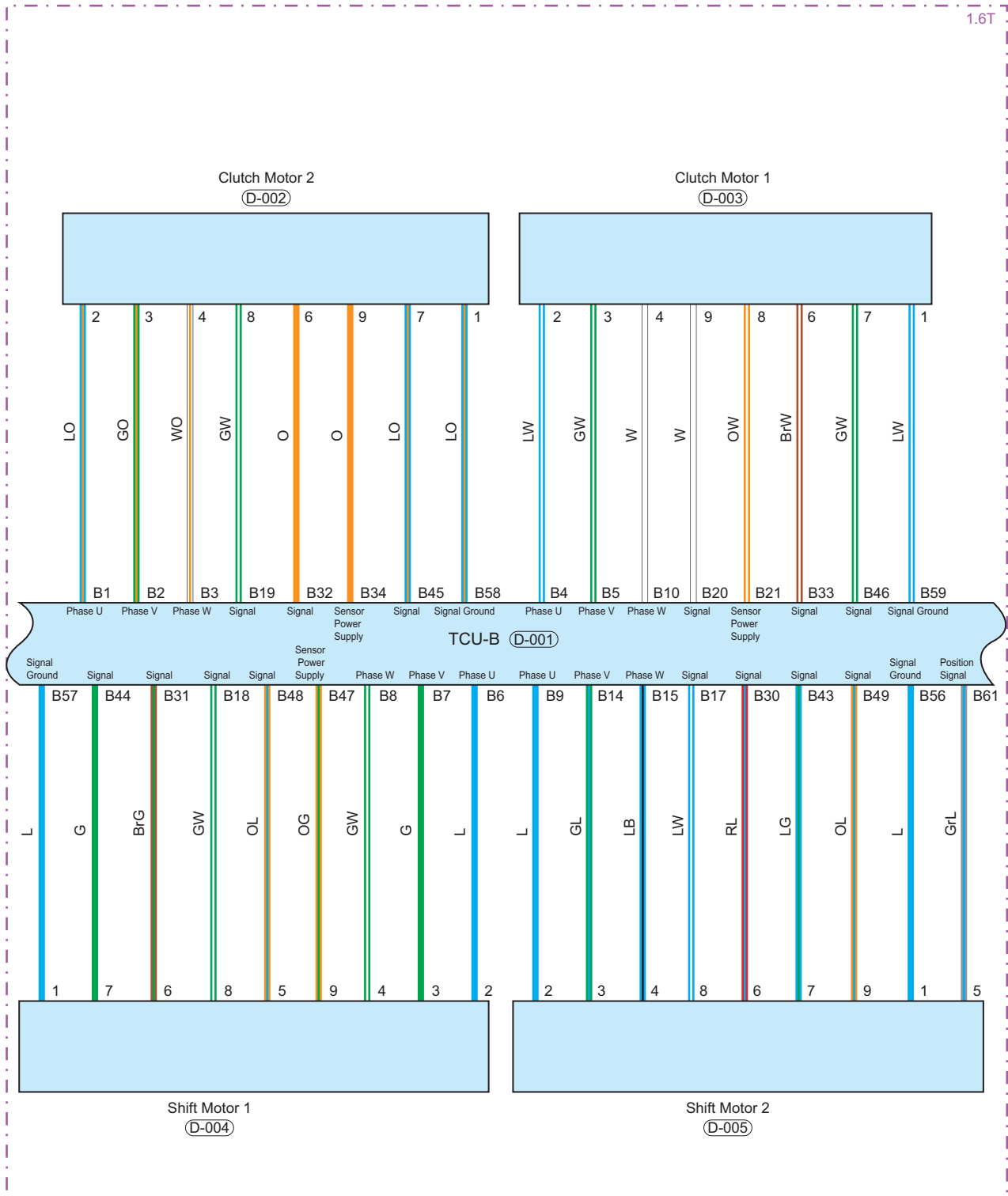
7DCT Transmission Control System (TCU)



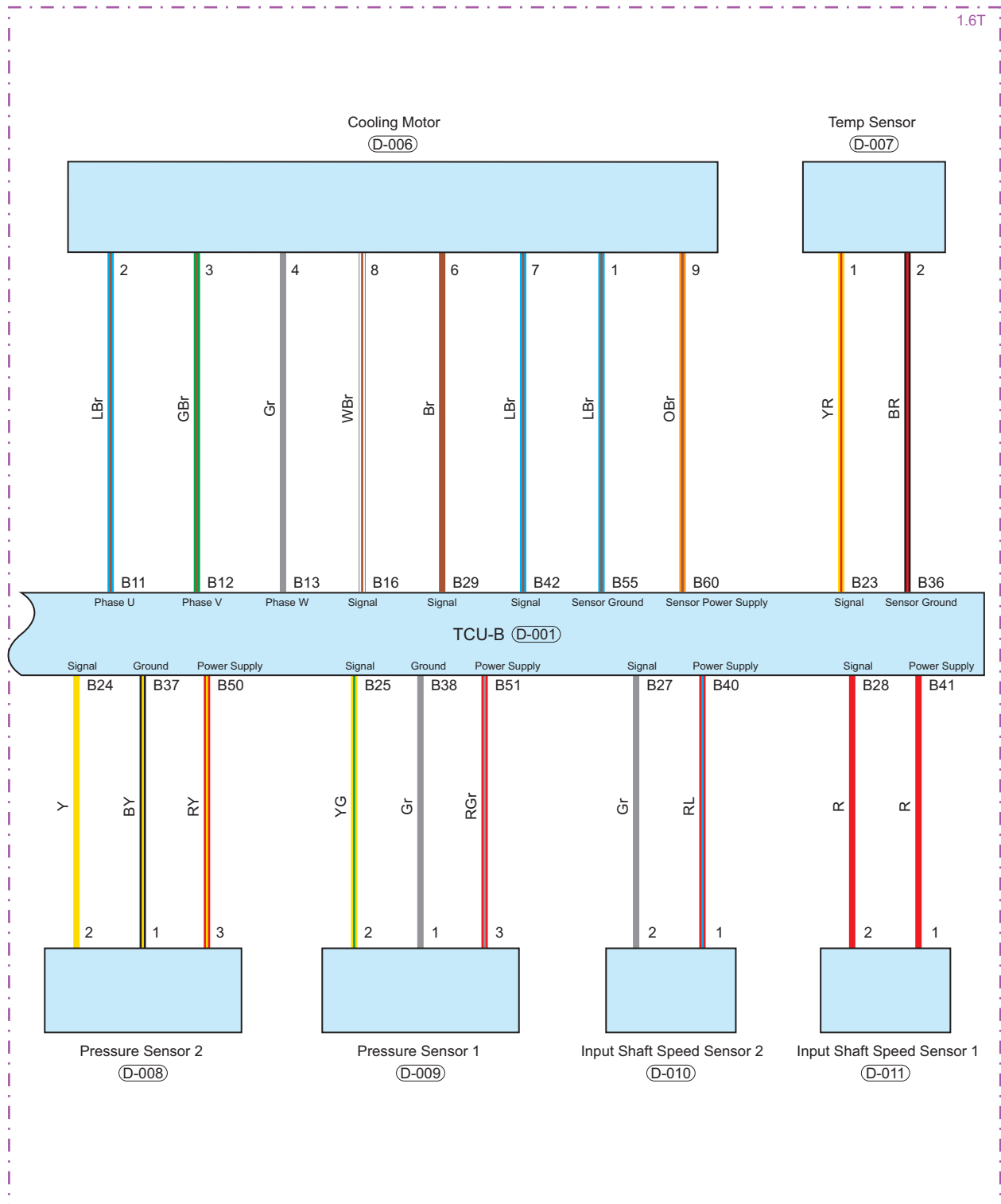
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7DCT Transmission Control System (TCU)



7DCT Transmission Control System (TCU)



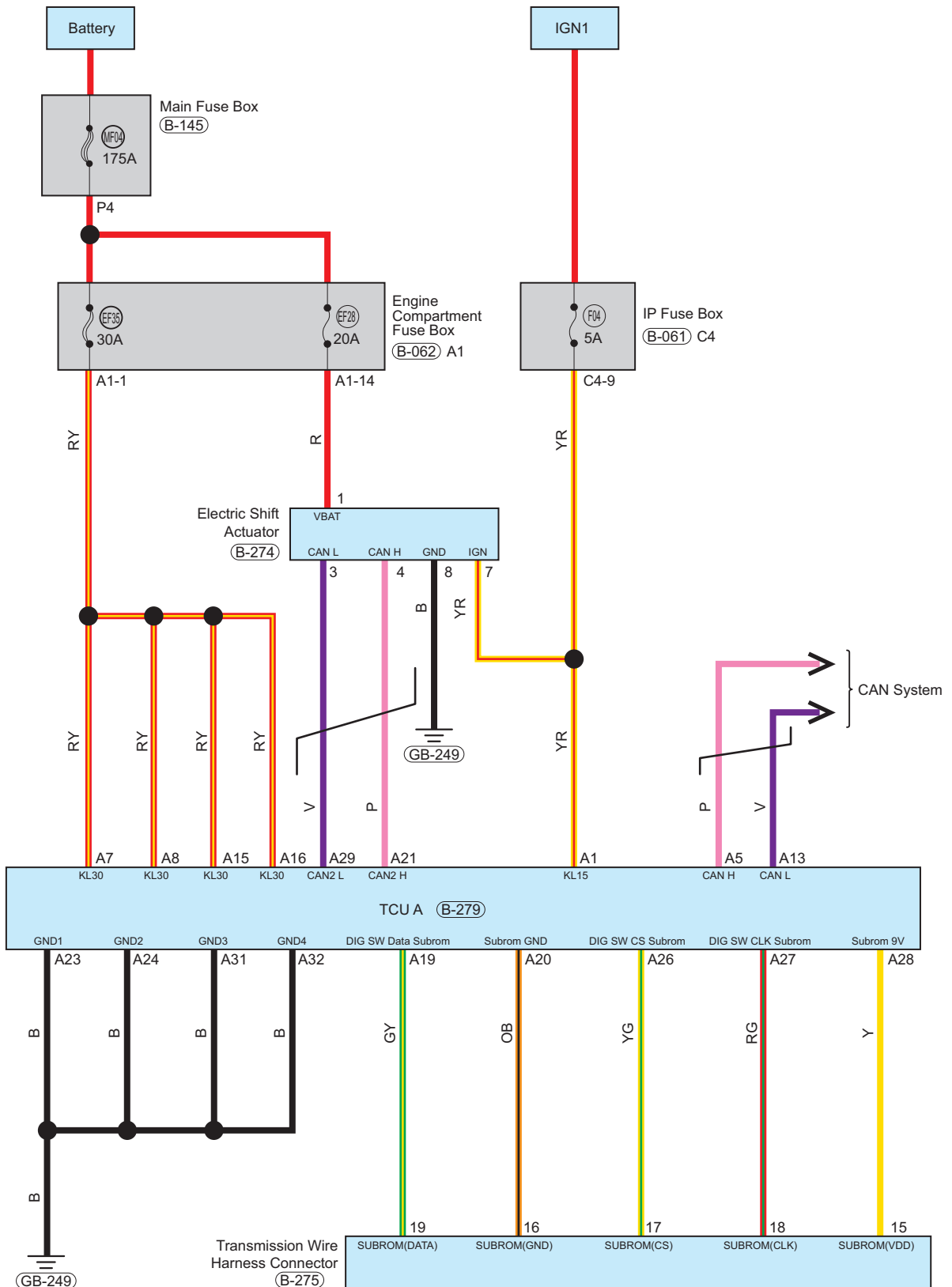
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7DCT Transmission Control System (TCU)

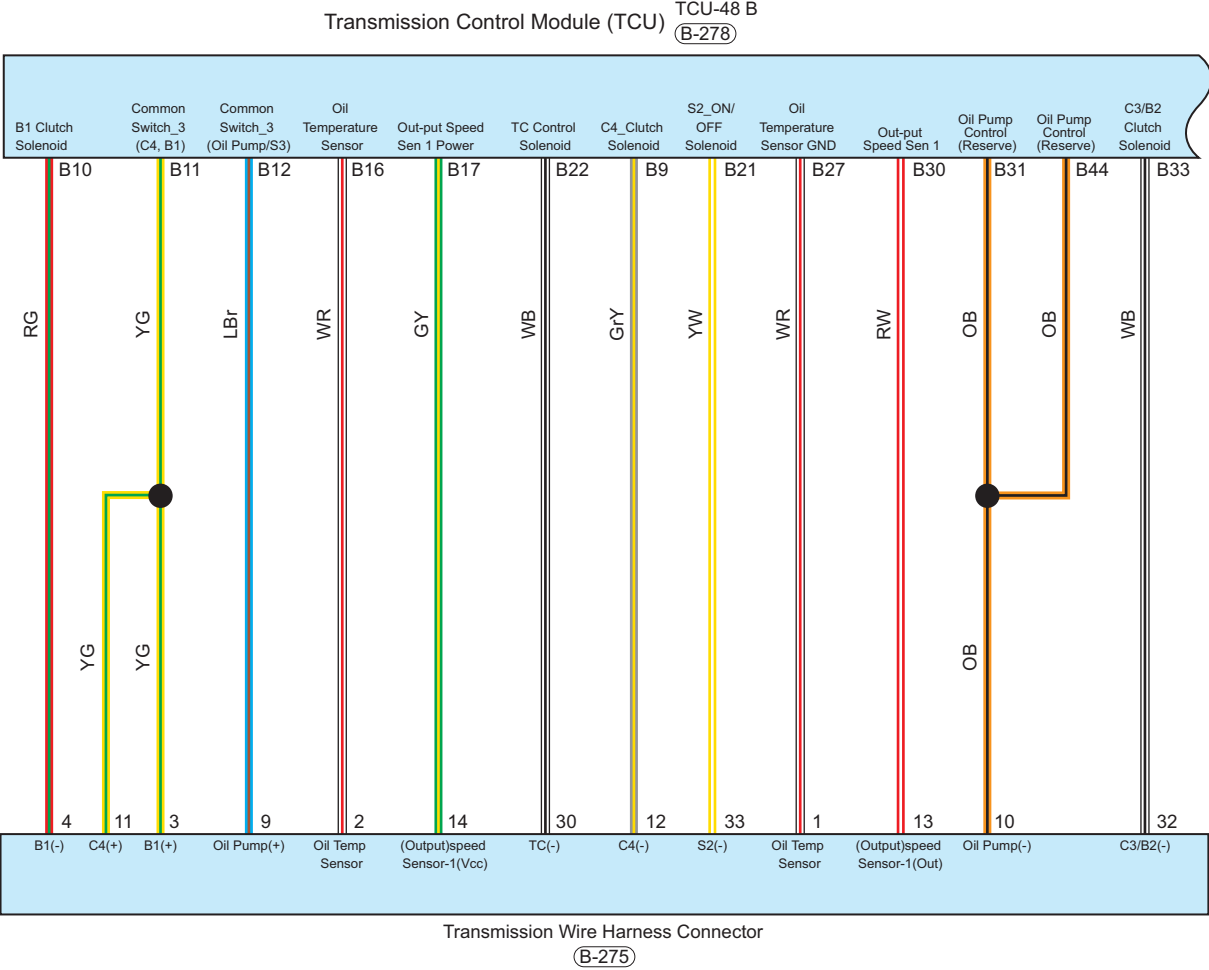
Wire Harness Connector	Name	Wire Harness Connector
B-318	Engine Compartment Fuse Box - 1	10-50
GB-073	Ground Point G1.1	10-29
D-001	Transmission Control Module (TCU-B)	10-119
D-002	Clutch Motor 2	10-119
D-003	Clutch Motor 1	10-119
D-004	Shift Motor 1	10-119
D-005	Shift Motor 2	10-119
D-006	Cooling Motor	10-119
D-008	Pressure Sensor 2	10-119
D-009	Pressure Sensor 1	10-119
D-007	Temperature Sensor	10-120
D-010	Input Shaft Speed Sensor 2	10-120
D-011	Input Shaft Speed Sensor 1	10-120

8AT Transmission Control System (TCU)



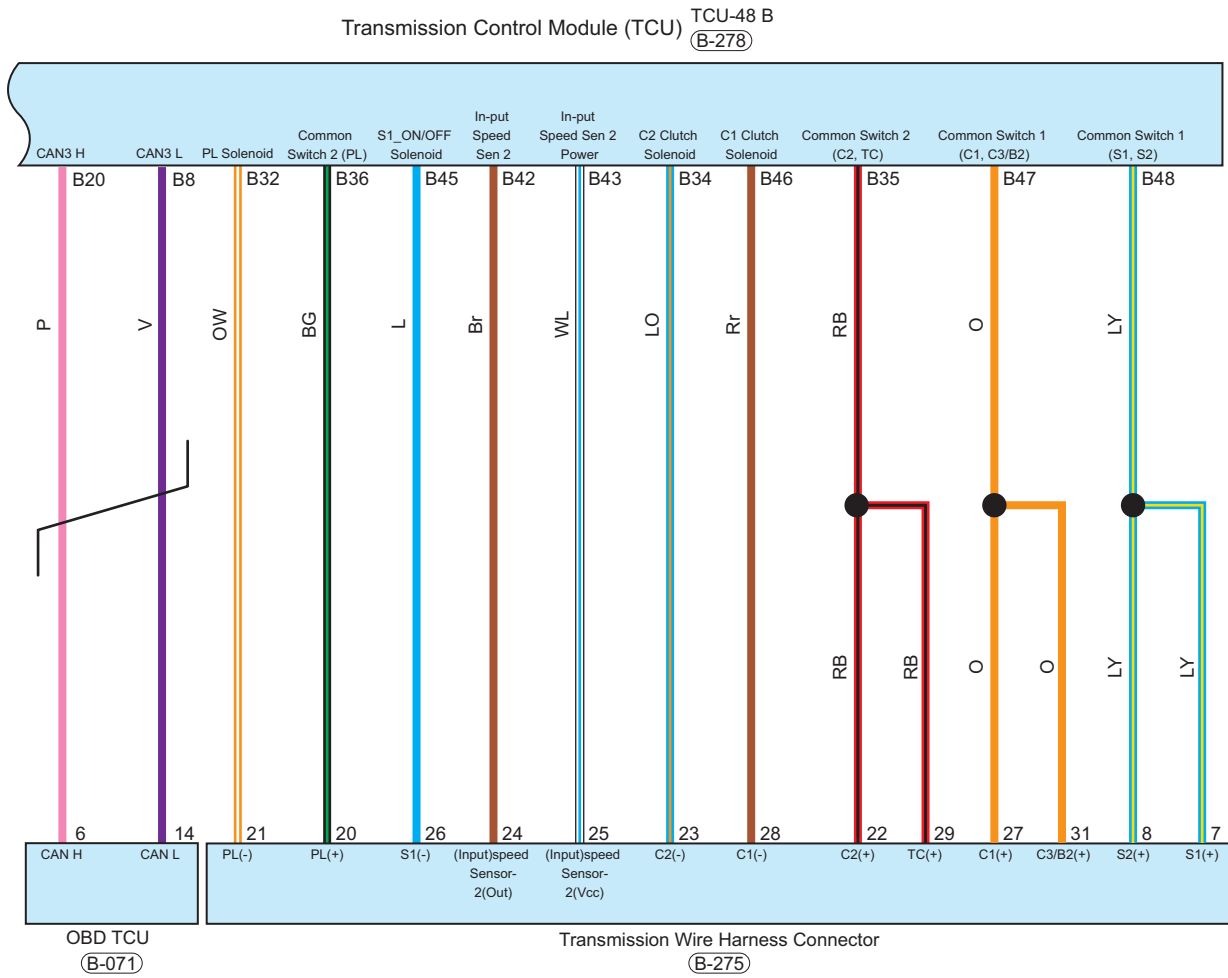
SAE001001

8AT Transmission Control System (TCU)



SAE002001

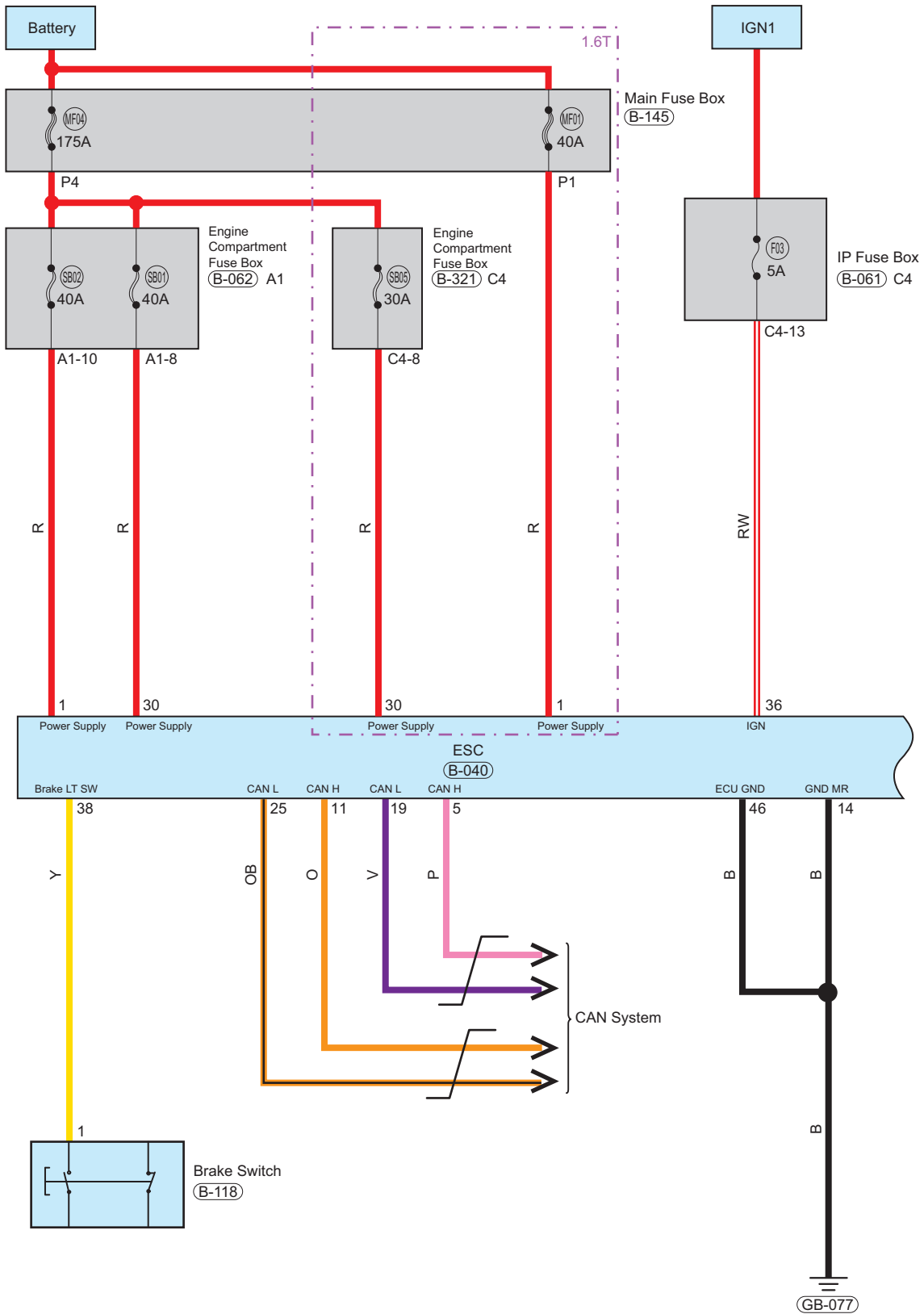
8AT Transmission Control System (TCU)



8AT Transmission Control System (TCU)

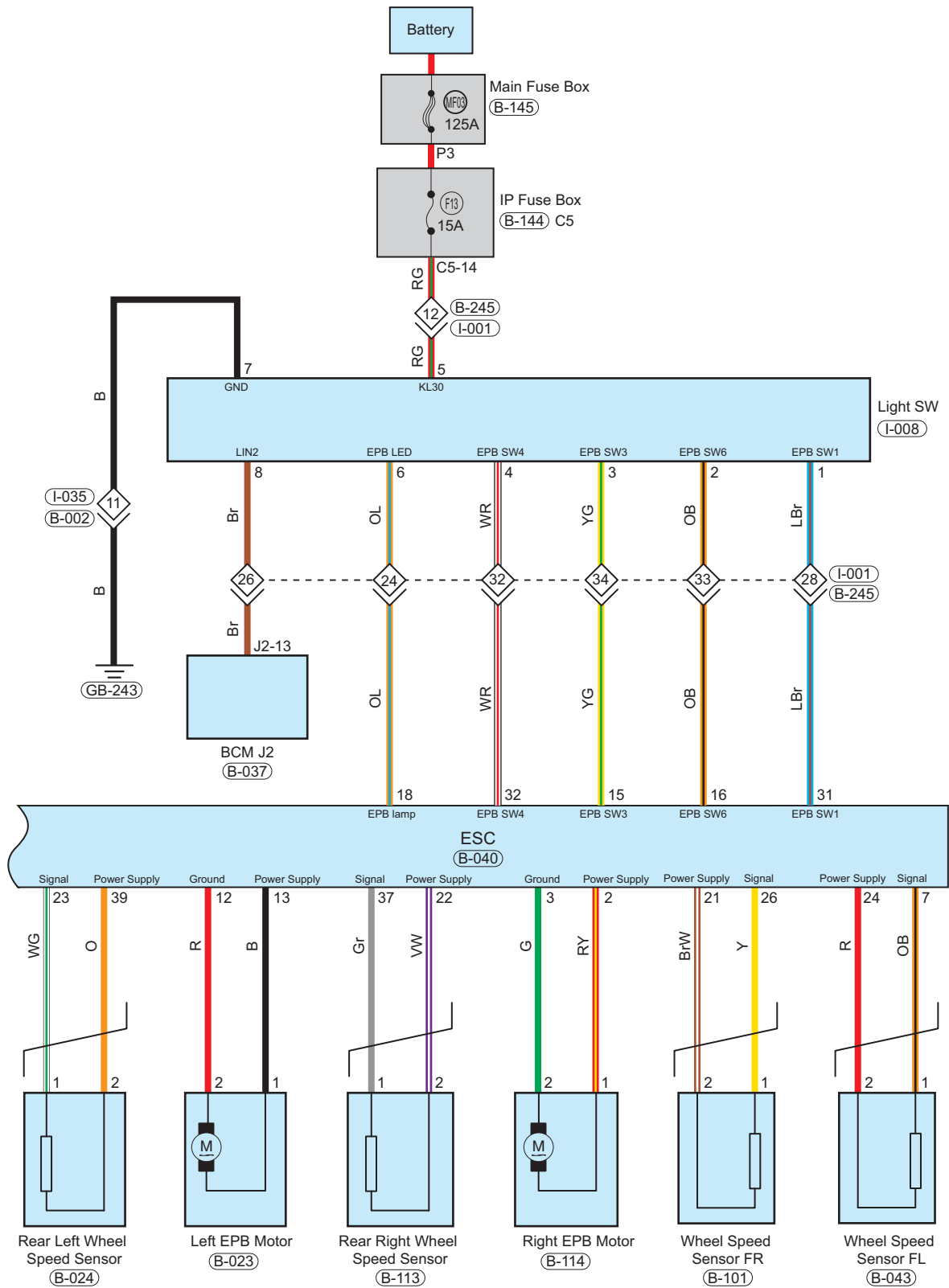
Wire Harness Connector	Name	Wire Harness Connector
B-061	Instrument Panel Fuse Box - 4	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-274	Electric Shift Actuator	10-29
B-275	Transmission Wire Harness	10-29
B-277	TCU-1.6	10-50
B-278	TCU-A	10-51
B-279	TCU-B	10-51
B-280	OBD TCU	10-53
GB-249	Ground Point G1.1A	10-47

Electronic Stability System (ESP&EPB)



EPE001001

Electronic Stability System (ESP&EPB)

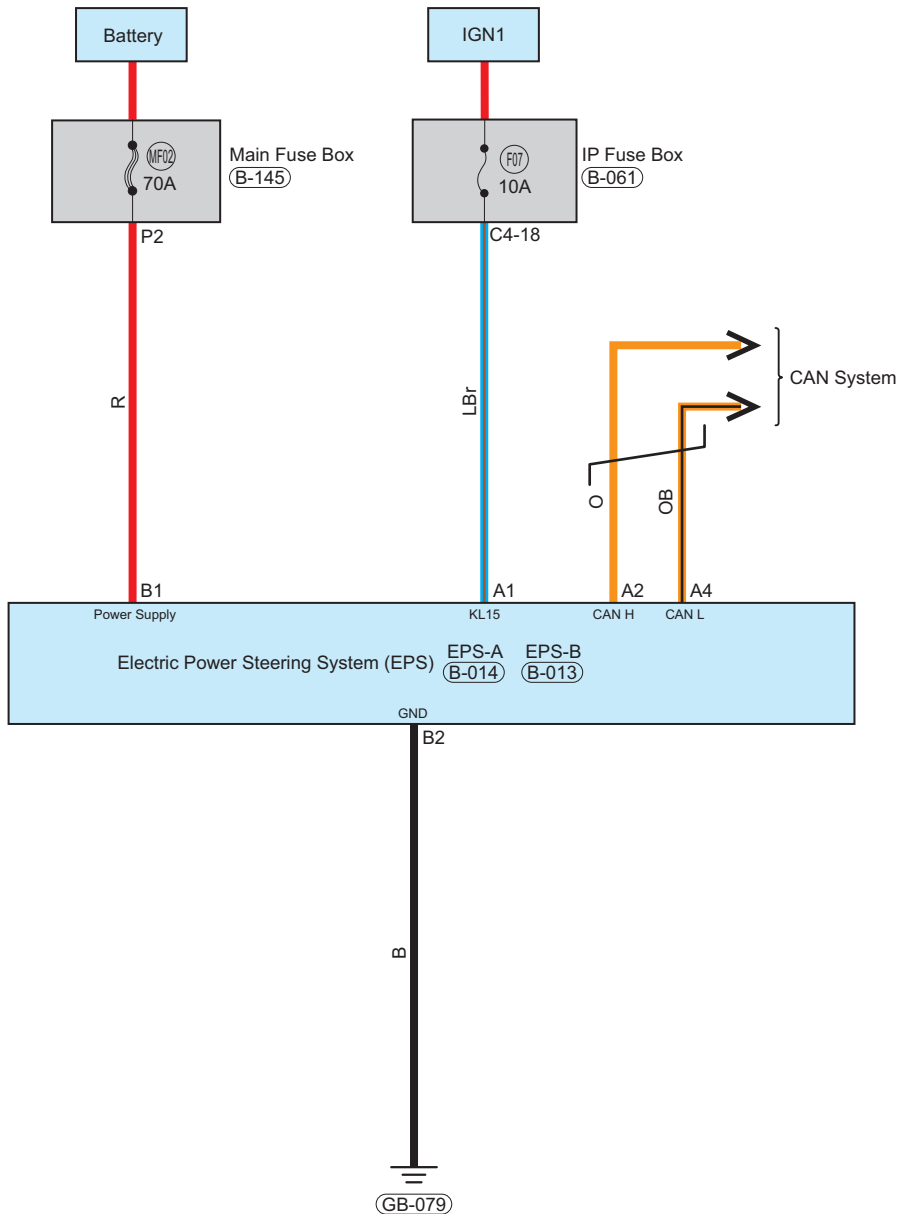


EPE002001

Electronic Stability System (ESP&EPB)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-023	Left EPB Motor	10-43
B-024	Rear Left Wheel Speed Sensor	10-43
B-037	Body Domain Control Module - J2	10-32
B-040	ESC	10-29
B-043	Front Left Wheel Speed Sensor	10-31
B-061	Instrument Panel Fuse Box - 4	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-101	Front Right Wheel Speed Sensor	10-29
B-113	Rear Right Wheel Speed Sensor	10-38
B-114	Right EPB Motor	10-38
B-118	Brake Switch	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
GB-077	Ground Point G1.5	10-29
GB-288	Ground Point G2.12	10-55
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-008	Light Switch	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84

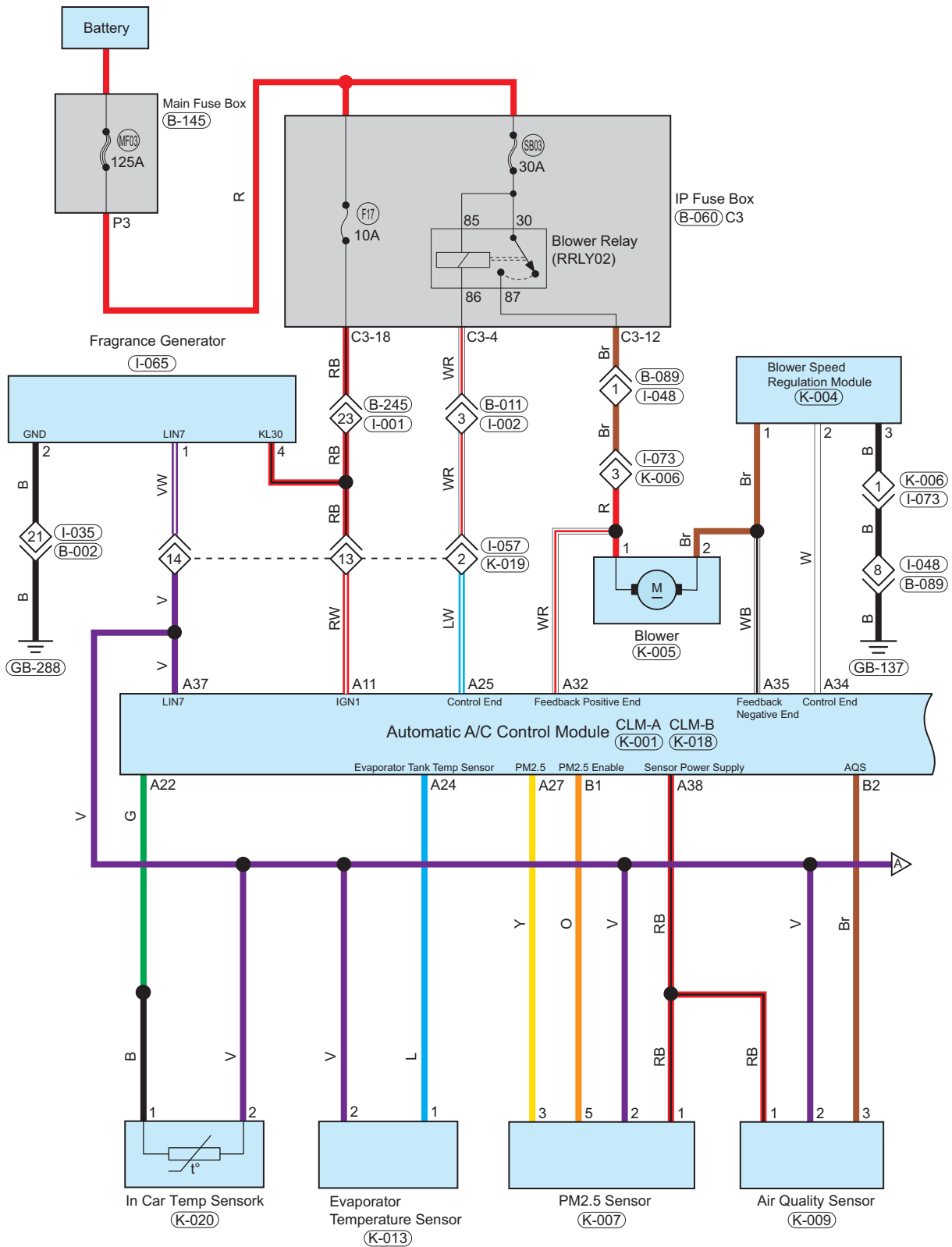
Electric Power Steering System (EPS)



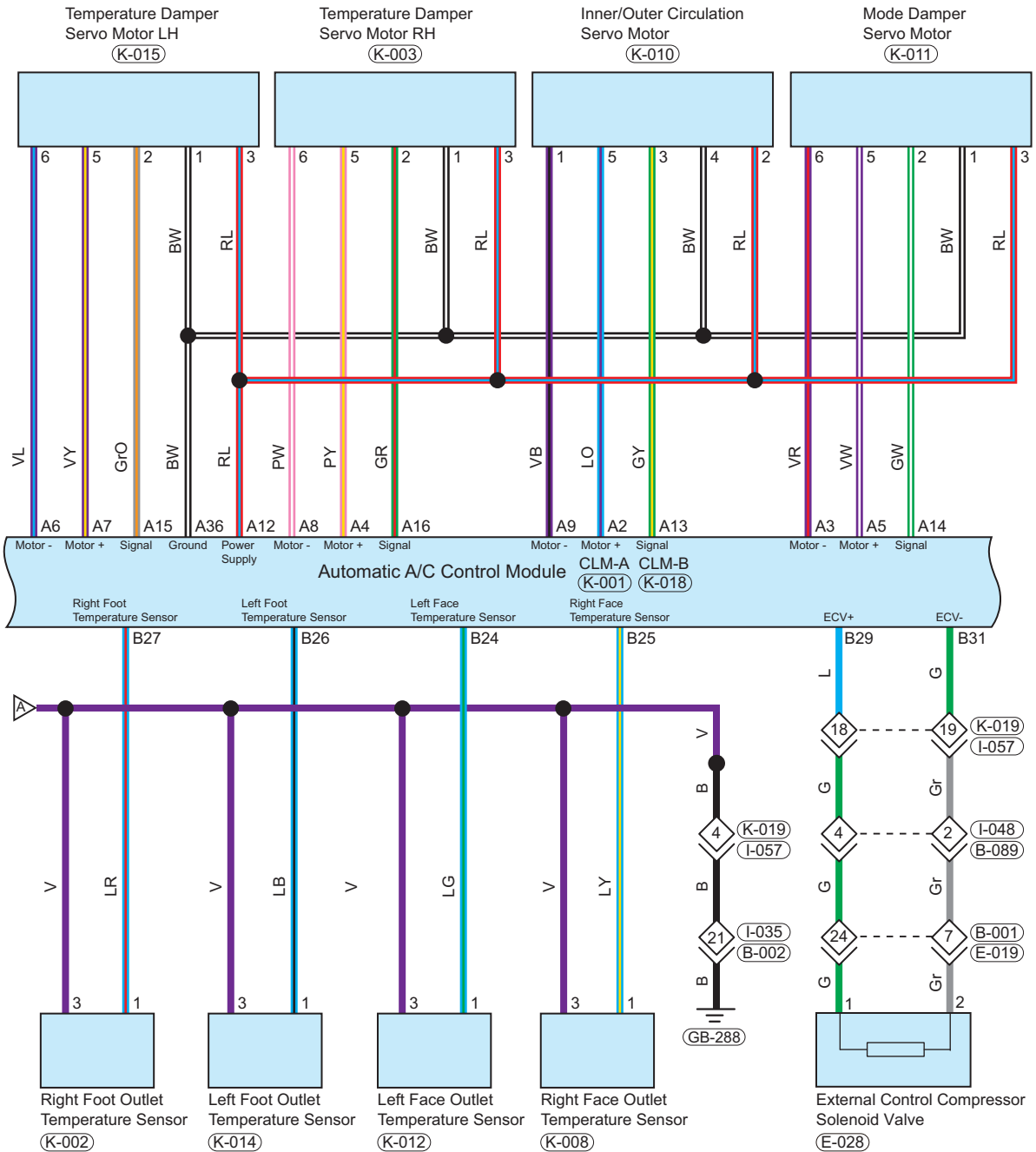
Electric Power Steering System (EPS)

Wire Harness Connector	Name	Wire Harness Connector
B-013	EPS-B	10-32
B-014	EPS-A	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
GB-079	Ground Point G2.2	10-34

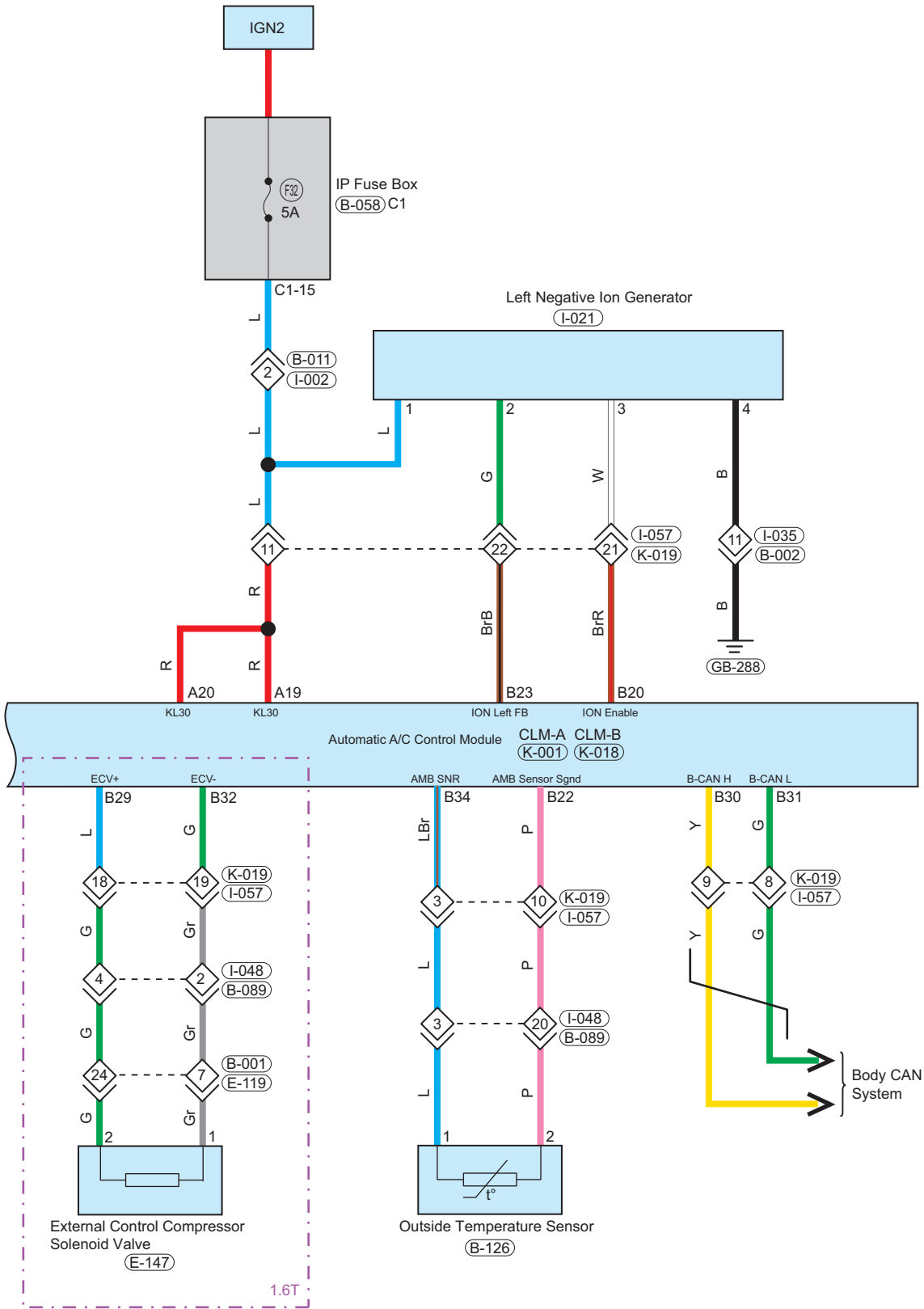
Automatic A/C Control System (CLM)



Automatic A/C Control System (CLM)

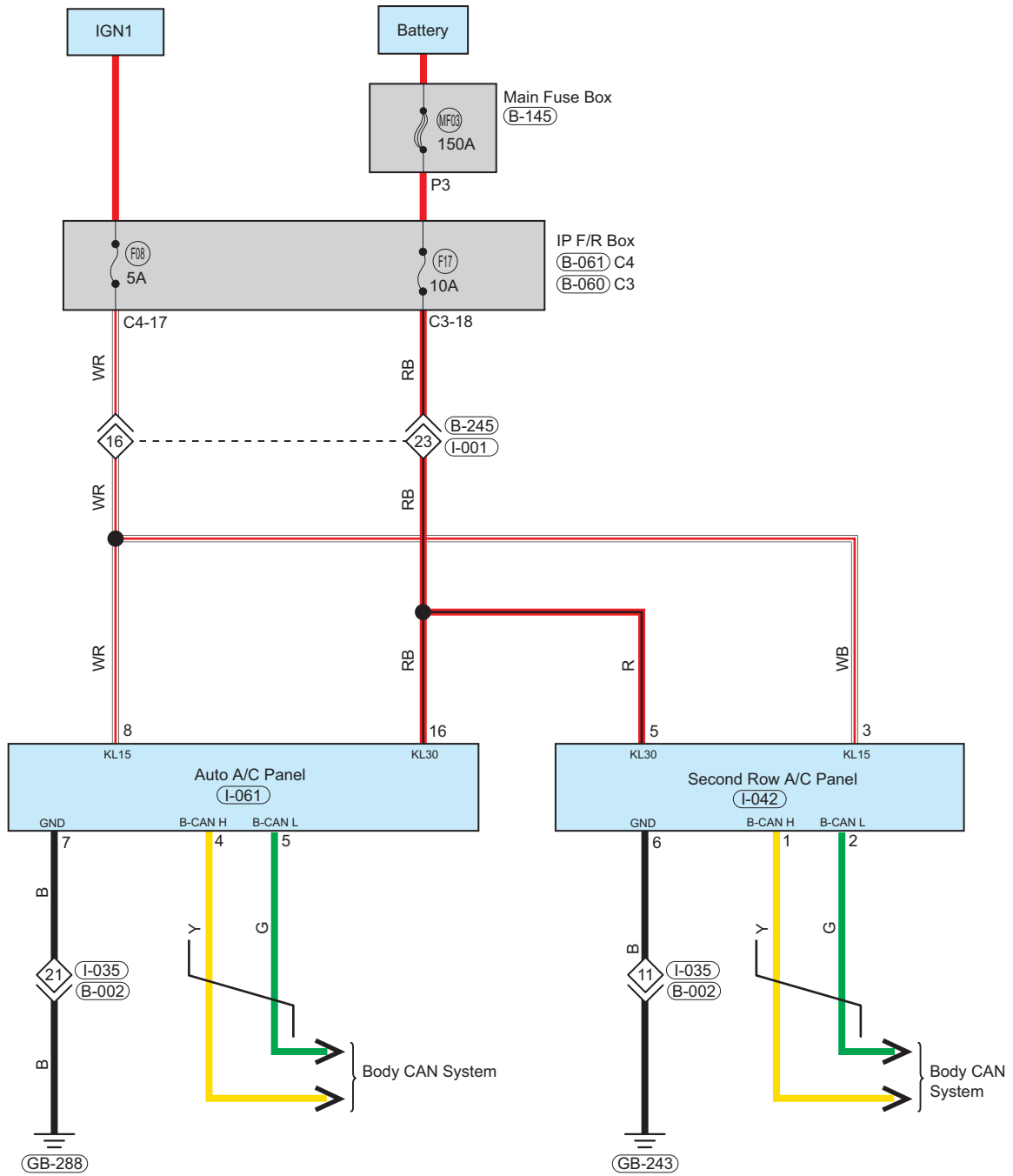


Automatic A/C Control System (CLM)



ACE003001

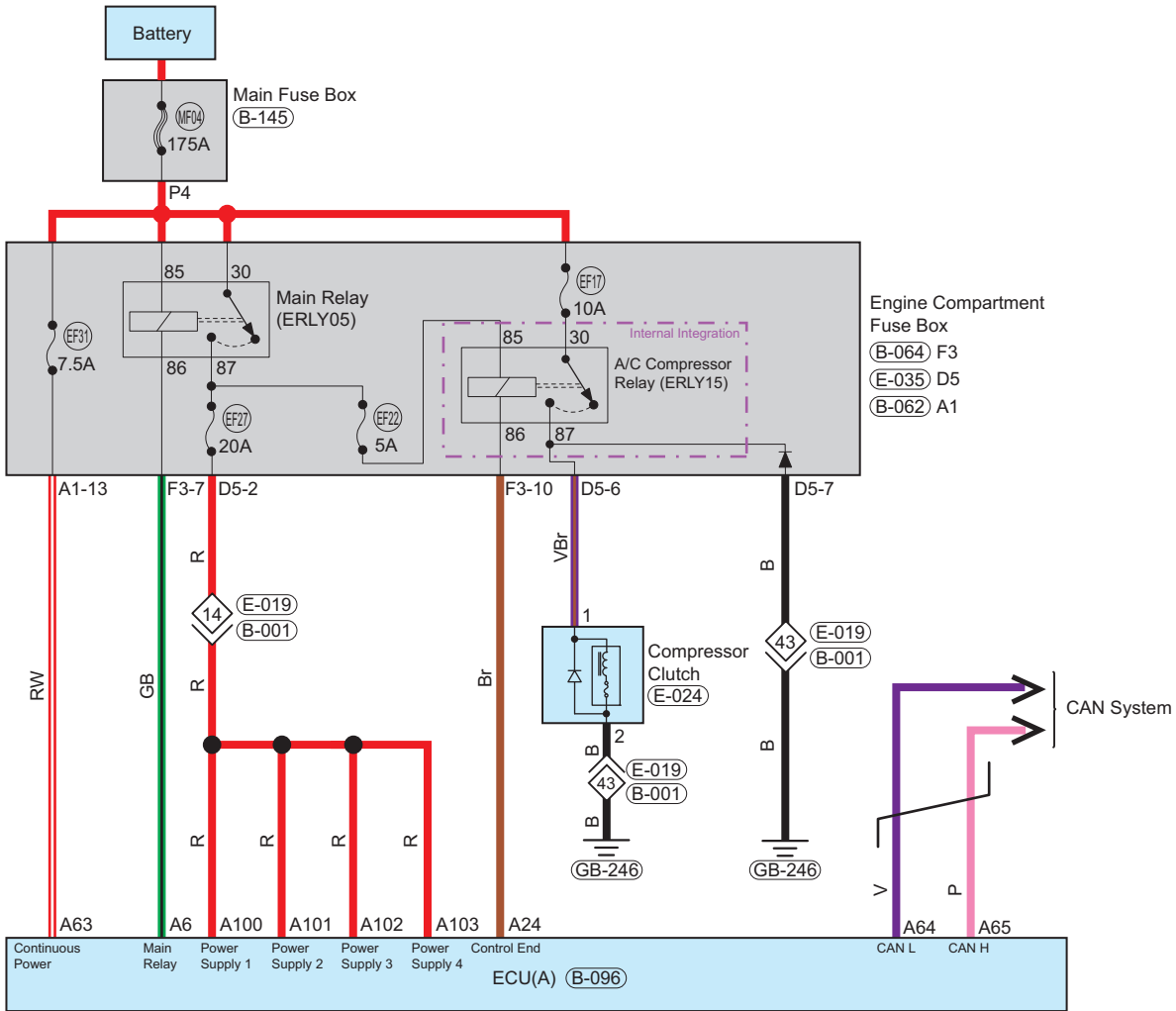
Automatic A/C Control System (AIPM)



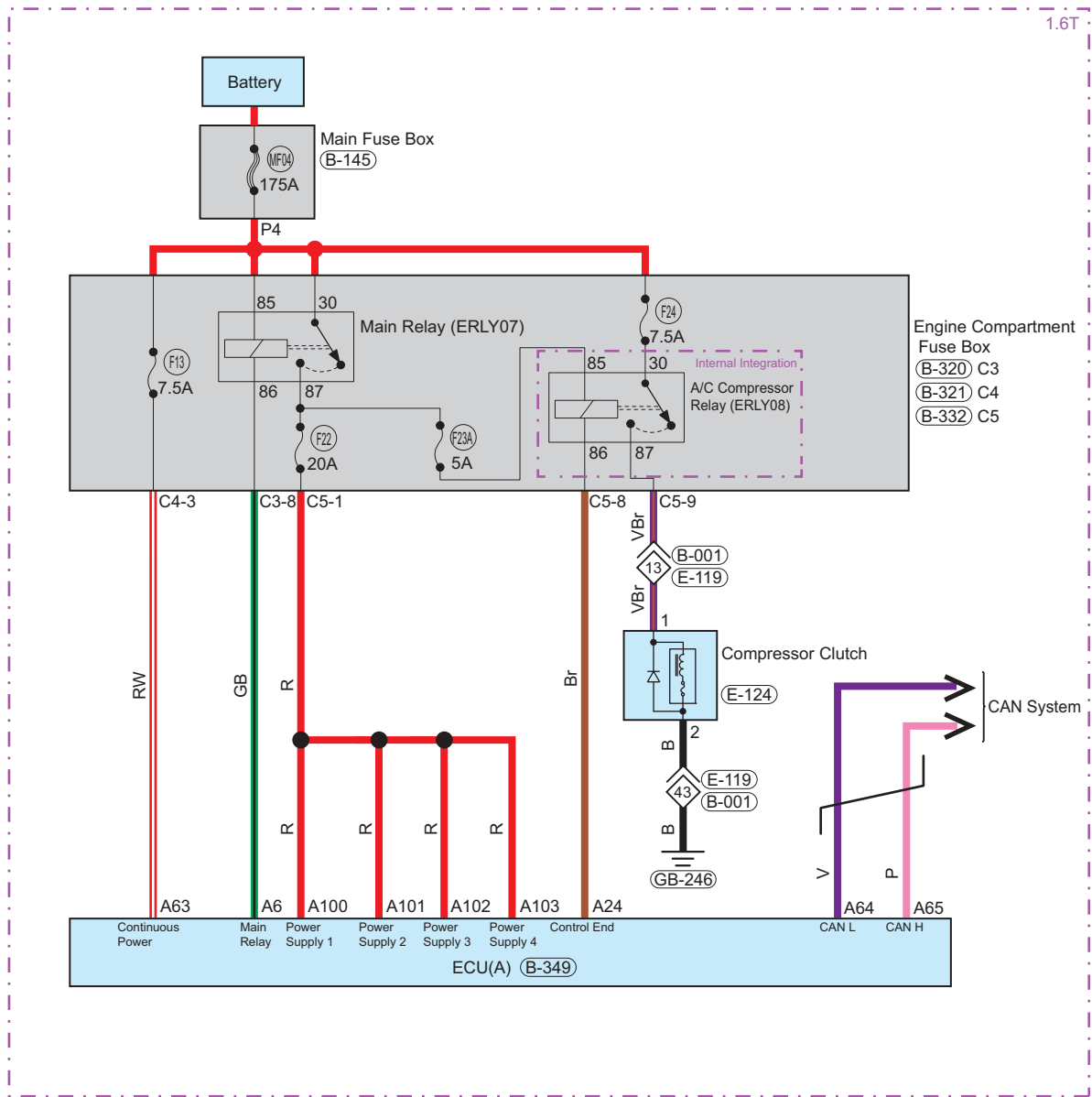
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ACE004001

Automatic A/C Control System (Compressor Clutch)



Automatic A/C Control System (Compressor Clutch)

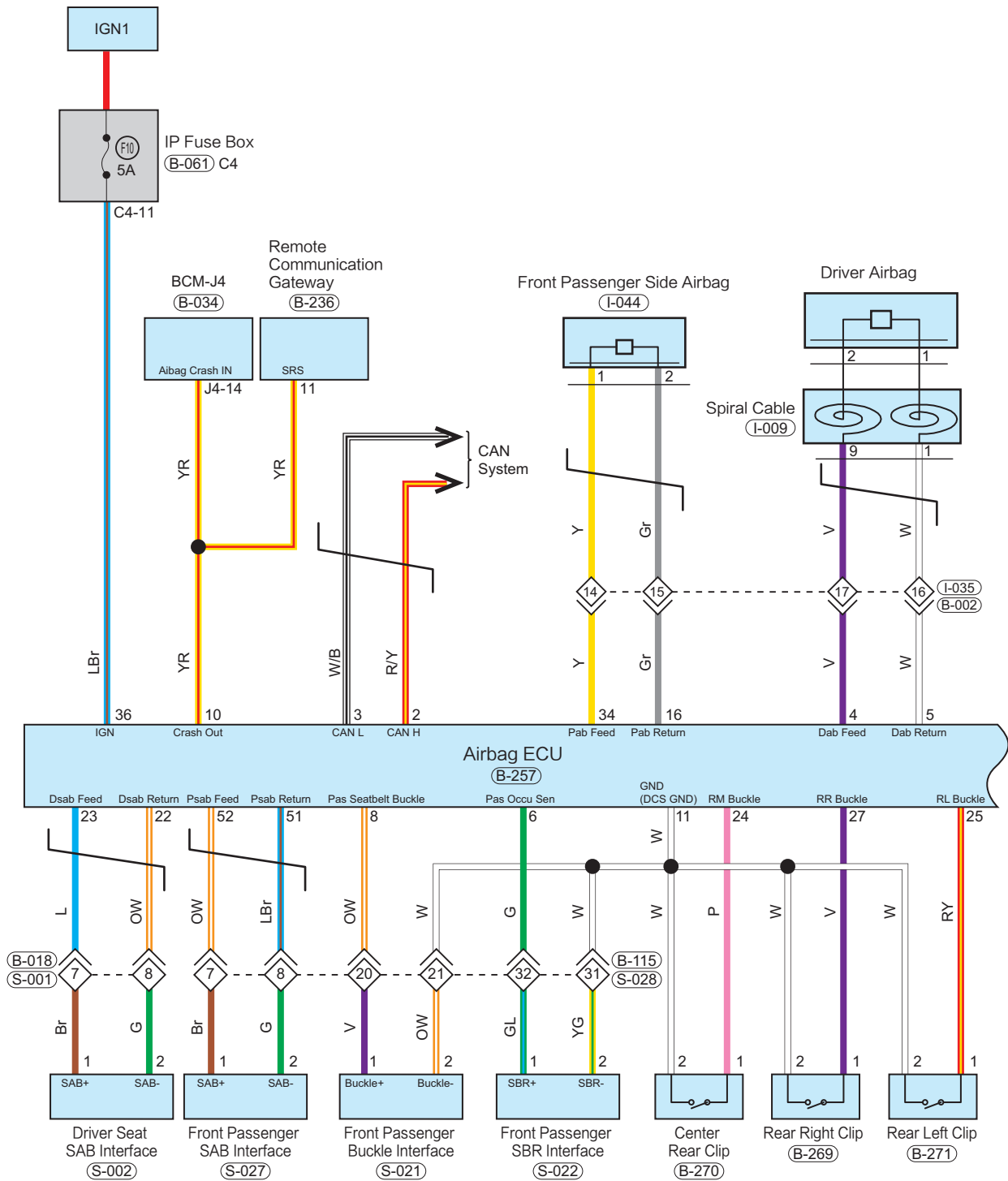


Automatic A/C Control System (CLM)

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-011	Interior Wire Harness to Instrument Panel Wire Harness 3	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-062	Engine Compartment Fuse Box - 1	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-096	ECU (A)	10-29
B-126	Outside Temperature Sensor	10-31
B-320	Engine Compartment Fuse Box - 3	10-50
B-332	Left Electric Side Step Motor	10-55
B-349	ECU (A)	10-29
E-019	Engine to Interior Wire Harness	10-2
E-024	Compressor Clutch	10-2
E-028	External Control Compressor Solenoid Valve	10-2
E-035	Engine Compartment Fuse and Relay Box Connector D	10-2
E-119	Engine to Interior Wire Harness	10-10
E-124	Compressor Clutch	10-11
E-147	External Control Compressor Solenoid Valve	10-11
B-321	Engine Compartment Fuse Box - 4	10-50
GB-137	Ground Point G2.17	10-40
GB-246	Ground Point G1.3A	10-29
GB-288	Ground Point G2.12	10-55
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-021	Left Negative Ion Generator	10-88
I-035	Instrument Panel to Interior Center Wire Harness	10-84

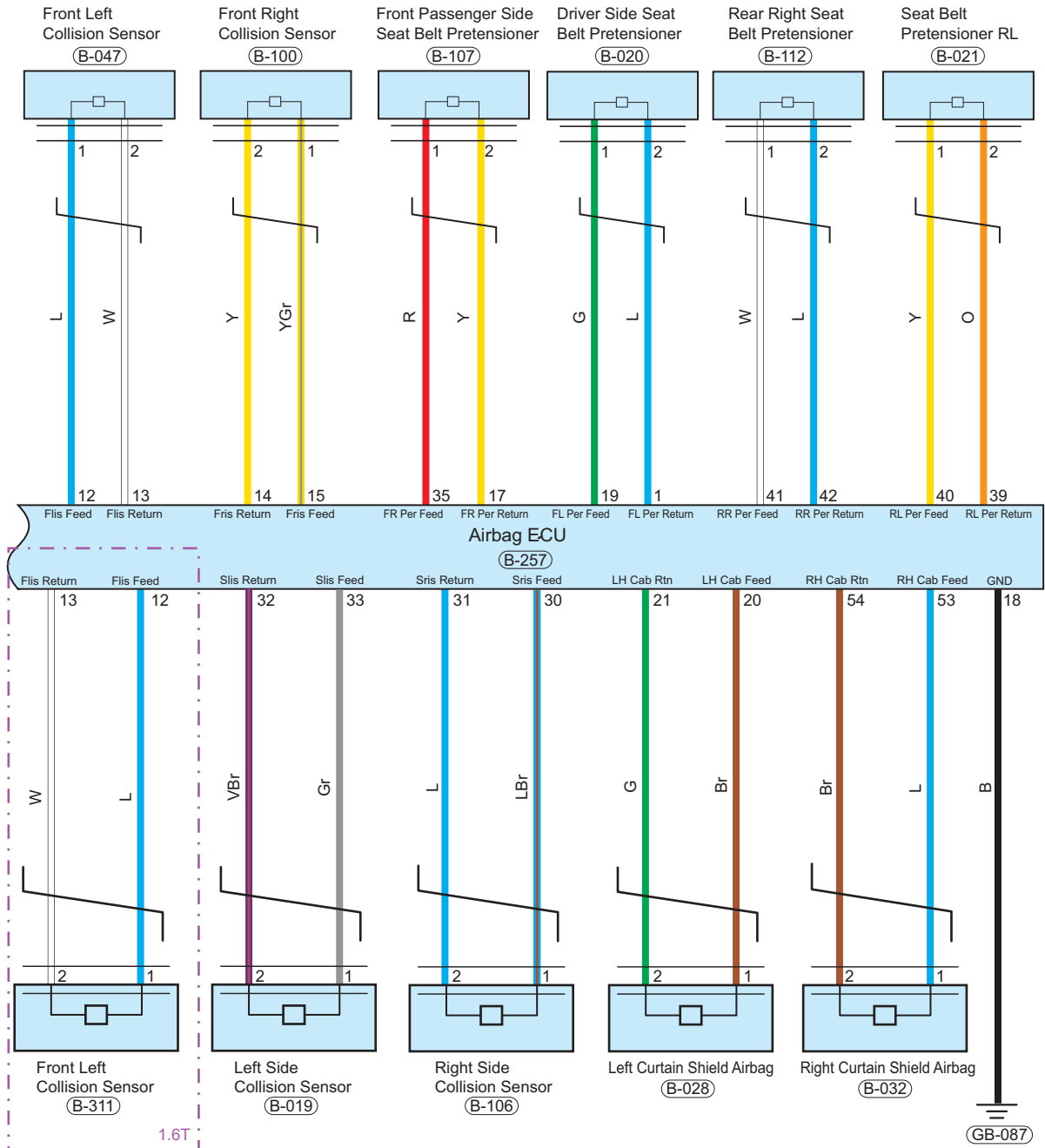
Wire Harness Connector	Name	Wire Harness Connector
I-042	Second Row A/C Panel	10-84
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-057	HVAC Assembly to A/C Wire Harness	10-91
I-061	Auto A/C Panel	10-83
I-065	Fragrance Generator	10-83
I-073	Instrument Panel Wire Harness to A/C Wire Harness (Blower)	10-94
K-001	A/C Controller - A	10-113
K-002	Right Foot Outlet Temperature Sensor	10-113
K-003	Right Temperature Damper Servo Motor	10-113
K-004	Blower Speed Regulation Module	10-113
K-005	Blower	10-113
K-006	Instrument Panel Wire Harness to A/C Wire Harness (Blower)	10-113
K-007	PM2.5 Sensor	10-113
K-008	Right Face Outlet Temperature Sensor	10-113
K-009	Air Quality Sensor	10-113
K-010	Inner/Outer Circulation Servo Motor	10-113
K-011	Mode Damper Servo Motor	10-113
K-012	Left Face Outlet Temperature Sensor	10-113
K-013	Evaporator Temperature Sensor	10-113
K-014	Left Foot Outlet Temperature Sensor	10-113
K-015	Left Temperature Damper Servo Motor	10-113
K-018	A/C controller-B	10-113
K-019	Instrument Panel Wire to A/C Wire	10-113
K-020	In Car Temp Sensork	10-115

Airbag System (ACM)



RSE001001

Airbag System (ACM)



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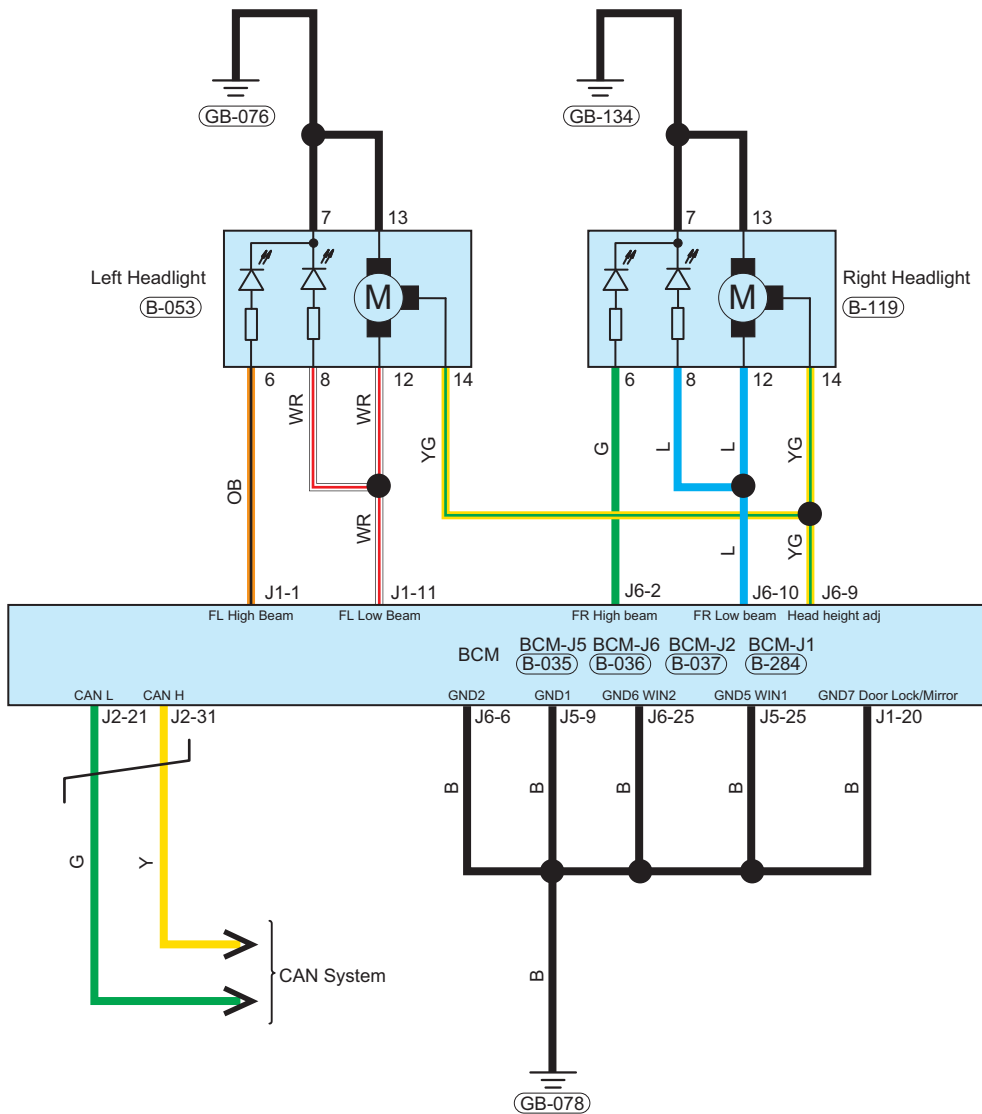
RSE002001

Airbag System (ACM)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-018	Driver Seat to Interior Connector	10-34
B-019	Left Side Collision Sensor	10-34
B-020	Driver Side Seat Belt Pretensioner	10-34
B-021	Rear Left Seat Belt Pretensioner	10-35
B-028	Left Curtain Shield Airbag	10-44
B-032	Right Curtain Shield Airbag	10-44
B-034	Body Domain Control Module - J4	10-32
B-047	Front Left Collision Sensor	10-31
B-061	Instrument Panel Fuse Box - 4	10-32
B-100	Front Right Collision Sensor	10-31
B-106	Right Side Collision Sensor	10-40
B-107	Front Passenger Side Seat Belt Pretensioner	10-40
B-112	Rear Right Seat Belt Pretensioner	10-37
B-236	Remote Communication Gateway	10-42
B-257	Airbag ECU	10-42
B-269	Rear Right Clip	10-49
B-270	Center Rear Clip	10-49
B-271	Rear Left Clip	10-49
GB-087	Ground Point G2.13	10-42
I-009	Spiral Cable	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-044	Front Passenger Airbag	10-91
S-001	Driver Seat to Interior Wire Harness	10-122
S-002	Driver Seat SAB Interface	10-122
S-021	Front Passenger BUCKLE Interface	10-124
S-022	Front Passenger SBR Interface	10-124
S-027	Front Passenger SAB Interface	10-124
S-028	Front Passenger Seat to Interior Wire Harness	10-124

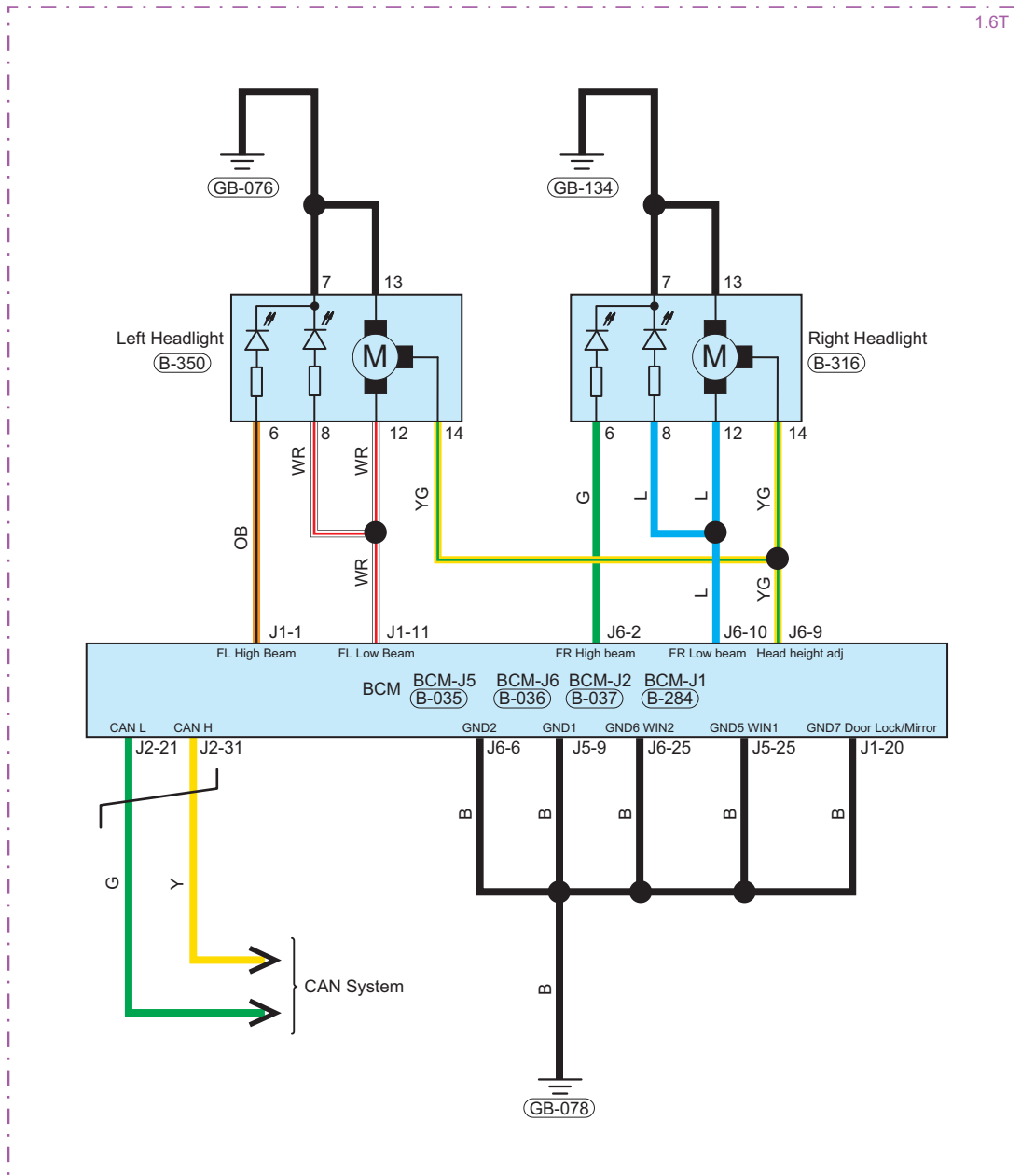
Lighting system

High/Low Beam Light



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High/Low Beam Light

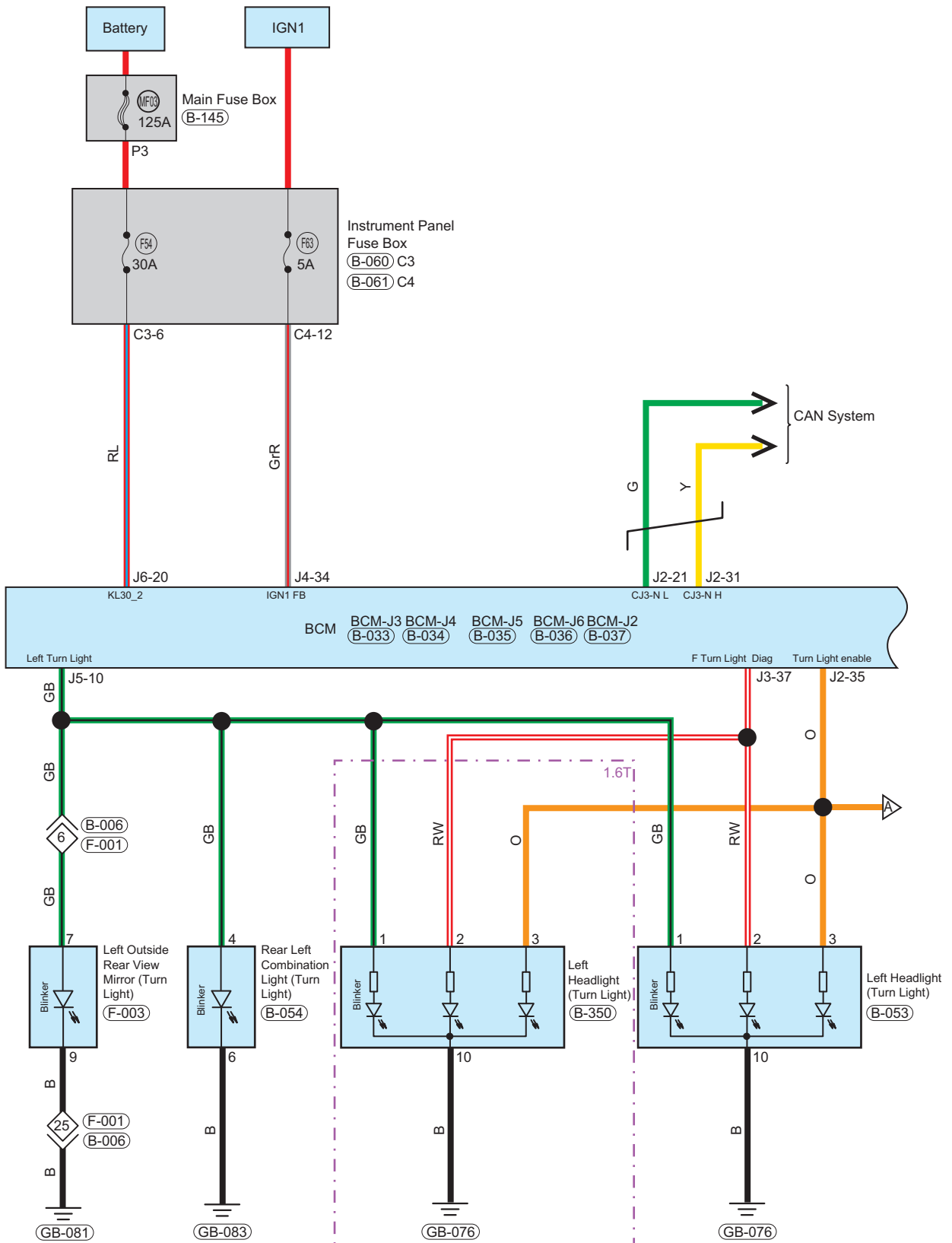


LIE001002

High/Low Beam Light

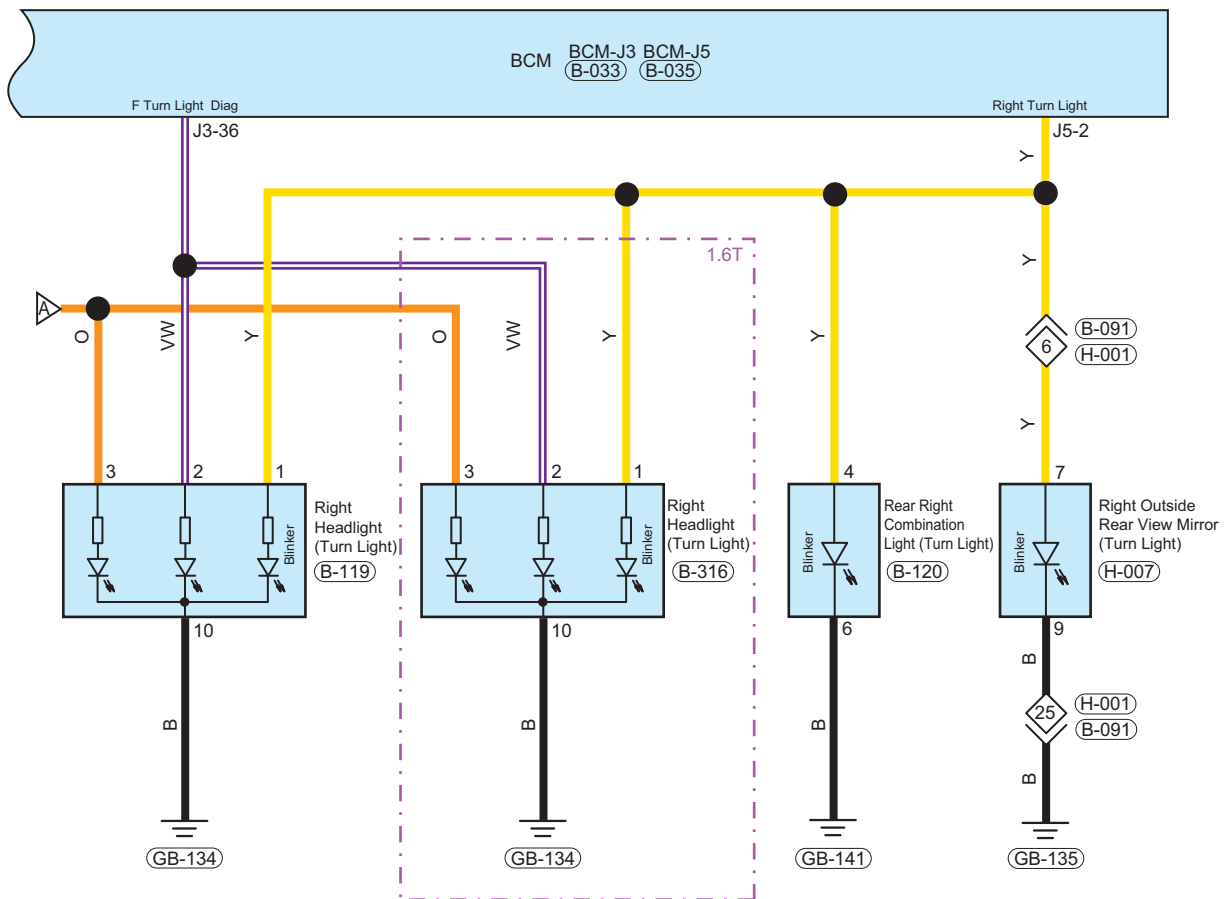
Wire Harness Connector	Name	Wire Harness Connector
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-053	Left Headlight	10-29
B-119	Right Headlight	10-31
B-284	Body Domain Control Module - J1	10-52
B-316	Right Headlight	10-59
B-350	Left Headlight	10-51
GB-076	Ground Point G1.4	10-29
GB-078	Ground Point G2.1	10-32
GB-134	Ground Point G1.9	10-29

Turn Light



LIE003001

Turn Light



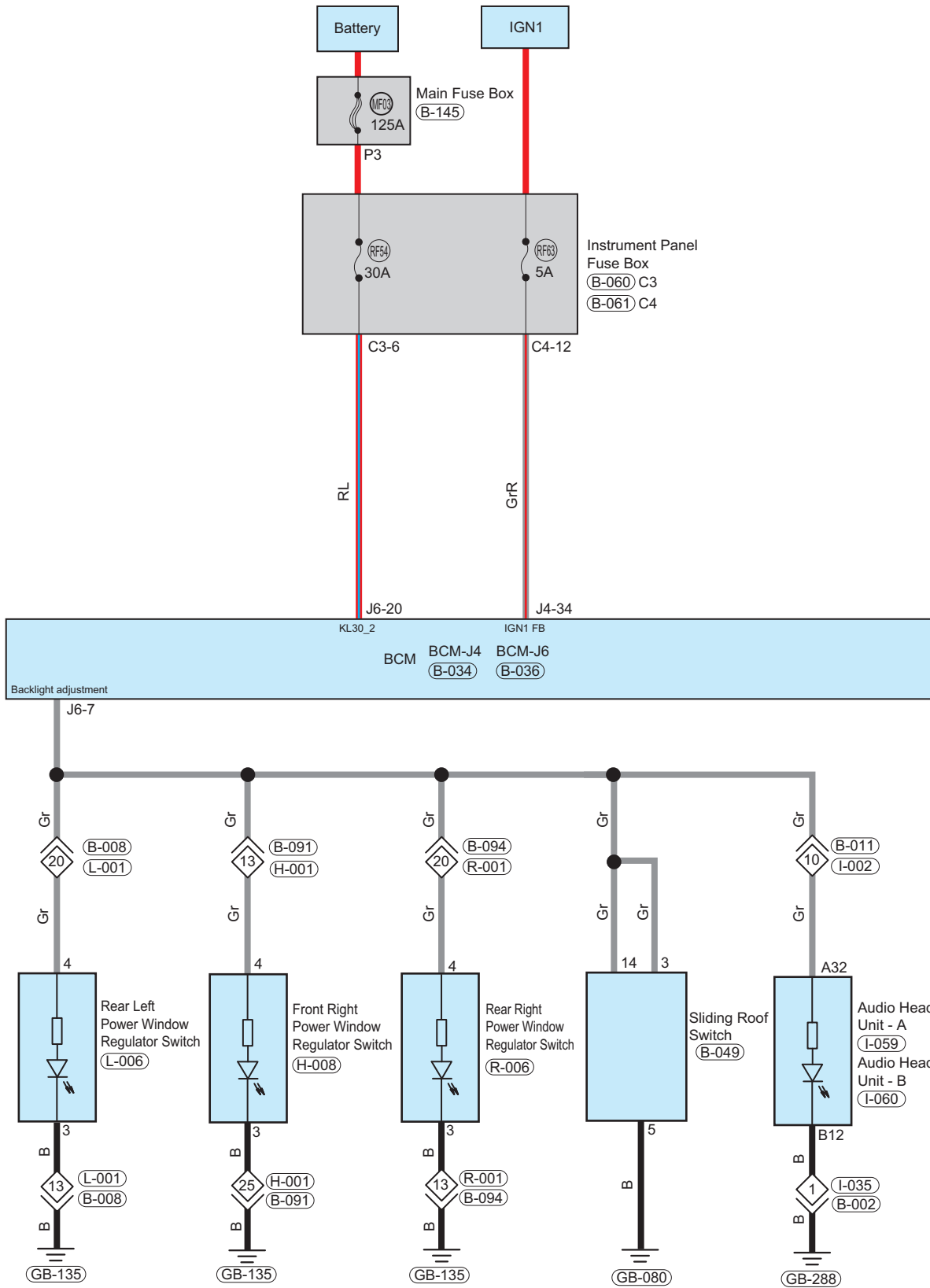
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LIE004001

Turn Light

Wire Harness Connector	Name	Wire Harness Connector
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-033	Body Domain Control Module - J3	10-32
B-034	Body Domain Control Module - J4	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-053	Left Headlight	10-29
B-054	Rear Left Combination Light	10-35
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-119	Right Headlight	10-31
B-120	Rear Right Combination Light	10-37
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-003	Left Outside Rear View Mirror	10-99
GB-076	Ground Point G1.4	10-29
GB-081	Ground Point G2.5	10-34
GB-083	Ground Point G2.9	10-35
GB-134	Ground Point G1.9	10-29
GB-135	Ground Point G2.14	10-40
GB-141	Ground Point G2.21	10-37
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-007	Right Outside Rear View Mirror	10-101

Backlight

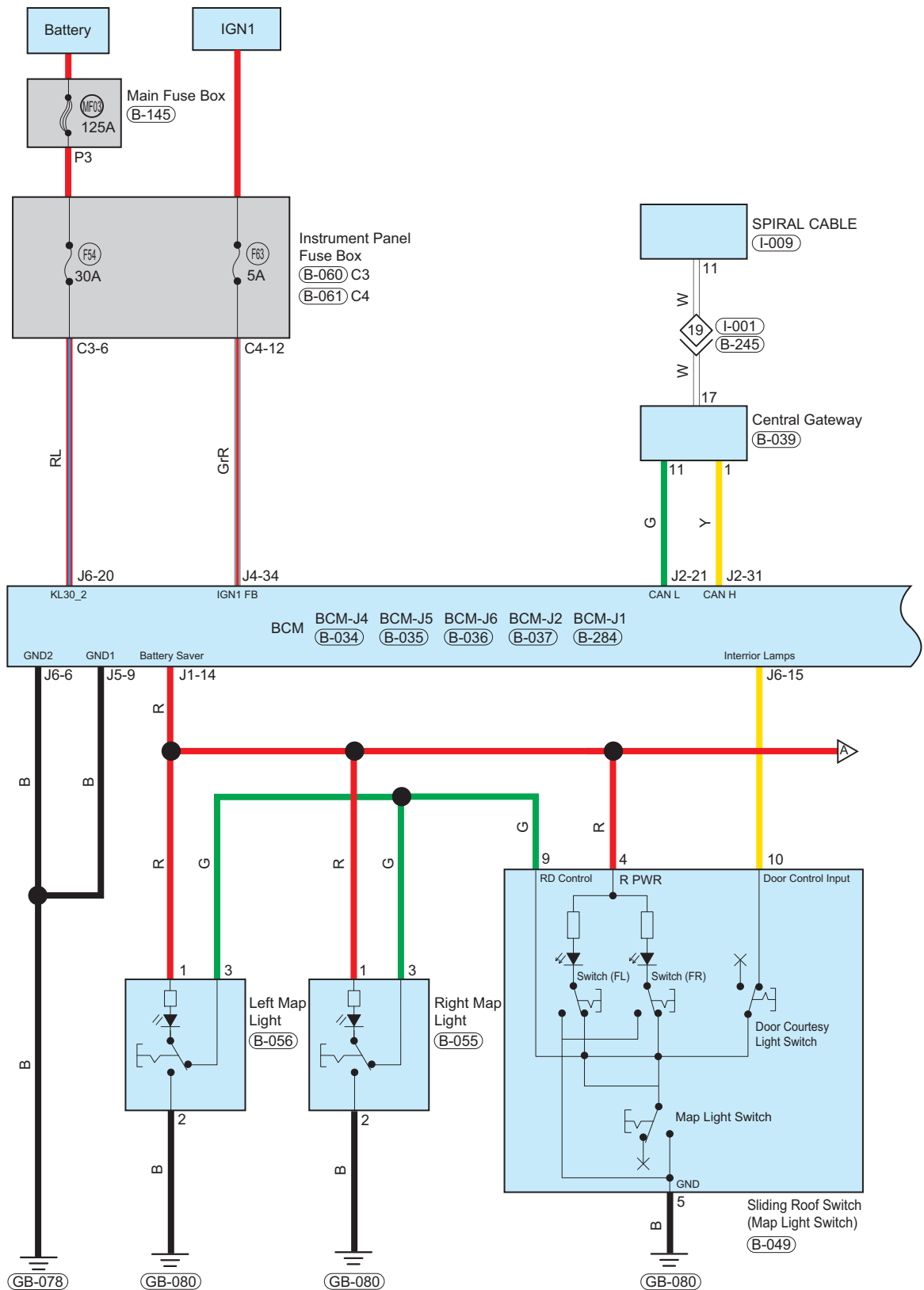


LIE006001

Backlight

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-011	Interior Wire Harness to Instrument Panel Wire Harness 3	10-32
B-034	Body Domain Control Module - J4	10-32
B-036	Body Domain Control Module - J6	10-32
B-049	Sunroof Module	10-44
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
GB-080	Ground Point G2.4	10-34
GB-135	Ground Point G2.14	10-40
GB-288	Ground Point G2.12	10-55
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-008	Front Right Power Window Regulator Switch	10-101
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-059	Audio Head Unit - A	10-83
I-060	Audio Head Unit - B	10-83
L-001	Interior to Rear Left Door Wire Harness	10-104
L-006	Rear Left Power Window Regulator Switch	10-104
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-006	Rear Right Power Window Regulator Switch	10-107

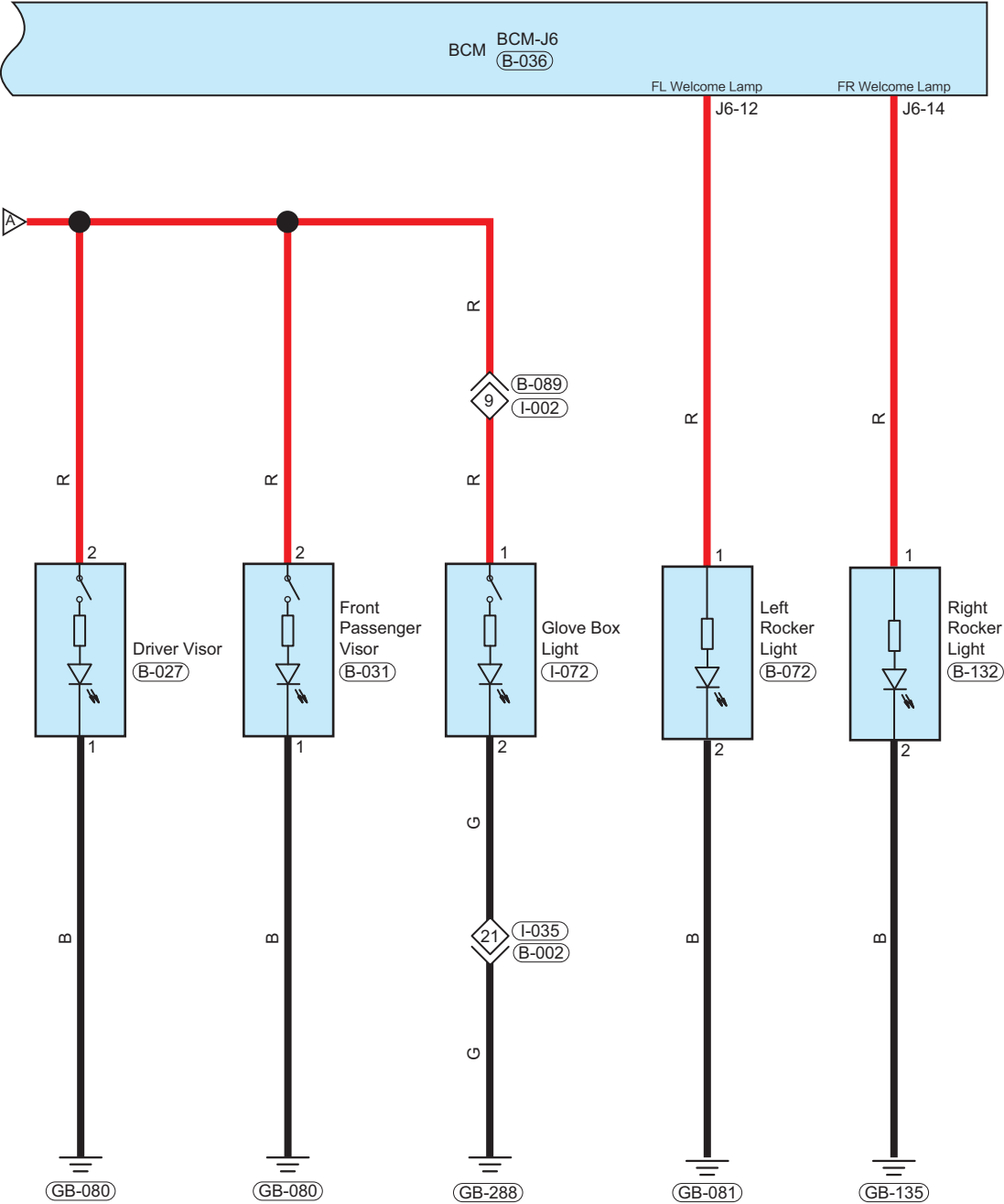
Map Light, Vanity Light, Rocker Light, Welcome Lamp



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LIE009001

Map Light, Vanity Light, Rocker Light, Welcome Lamp

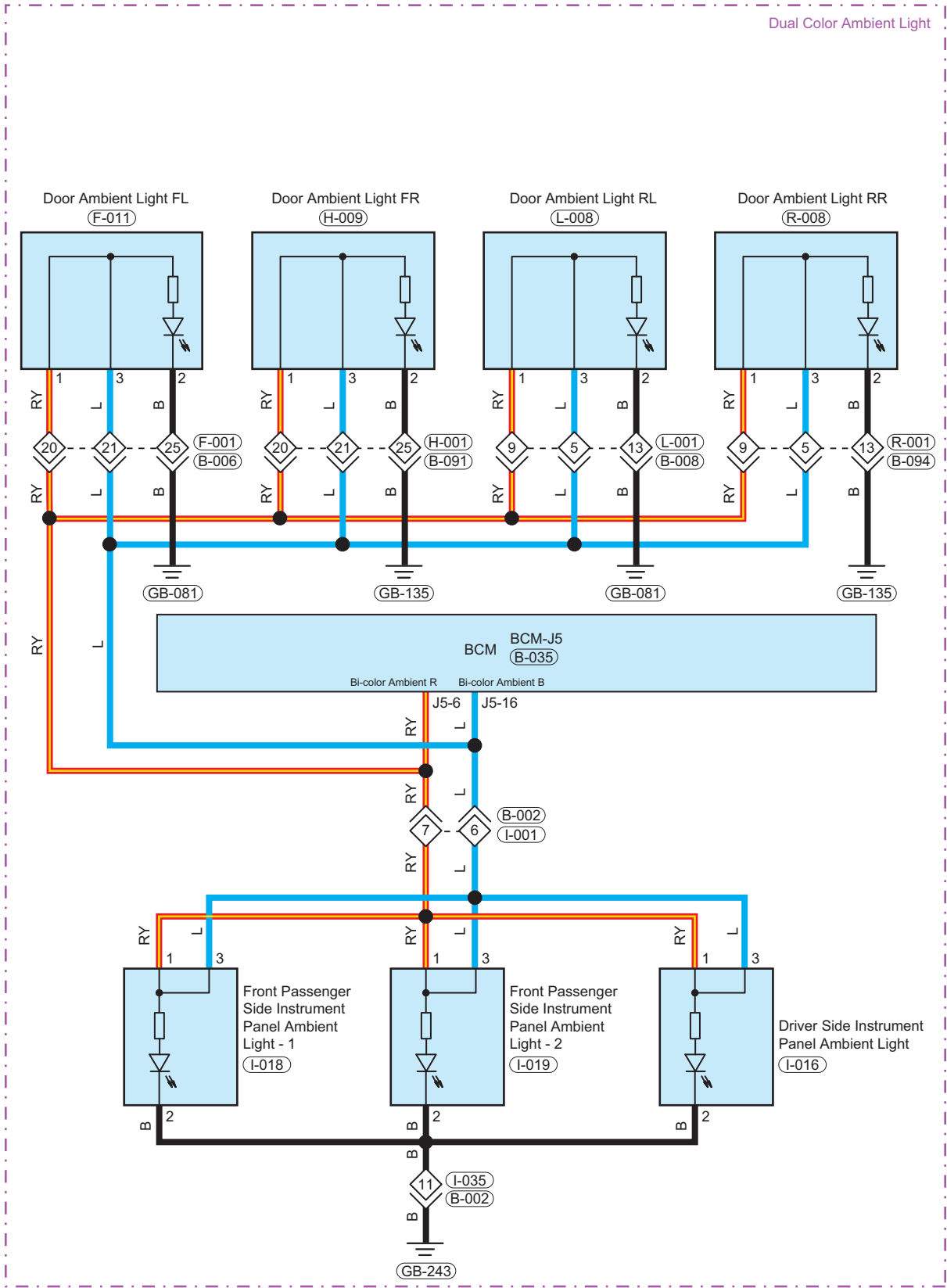


LIE010001

Map Light, Vanity Light, Rocker Light, Welcome Lamp

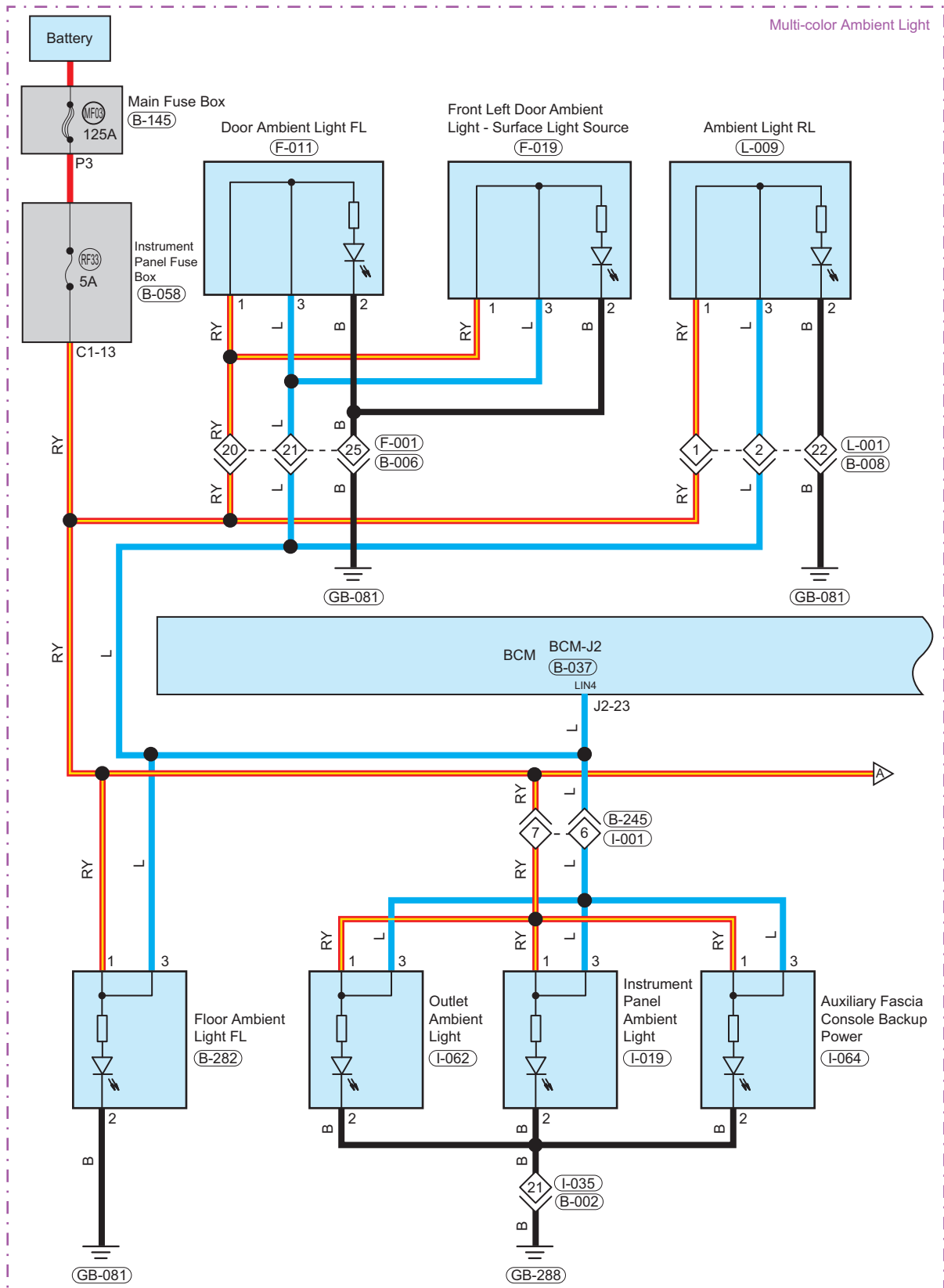
Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-027	Driver Visor	10-44
B-031	Front Passenger Visor	10-44
B-034	Body Domain Control Module - J4	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-039	Central Gateway	10-32
B-049	Sunroof Module	10-44
B-055	Right Map Light	10-44
B-056	Left Map Light	10-44
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-072	Left Rocker Light	10-40
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-132	Right Rocker Light	10-40
B-284	Body Control Module - F	10-52
GB-078	Ground Point G2.1	10-32
GB-080	Ground Point G2.4	10-34
GB-288	Ground Point G2.12	10-55
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-009	Spiral Cable	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-072	Glove Box Light	10-94

Ambient Light



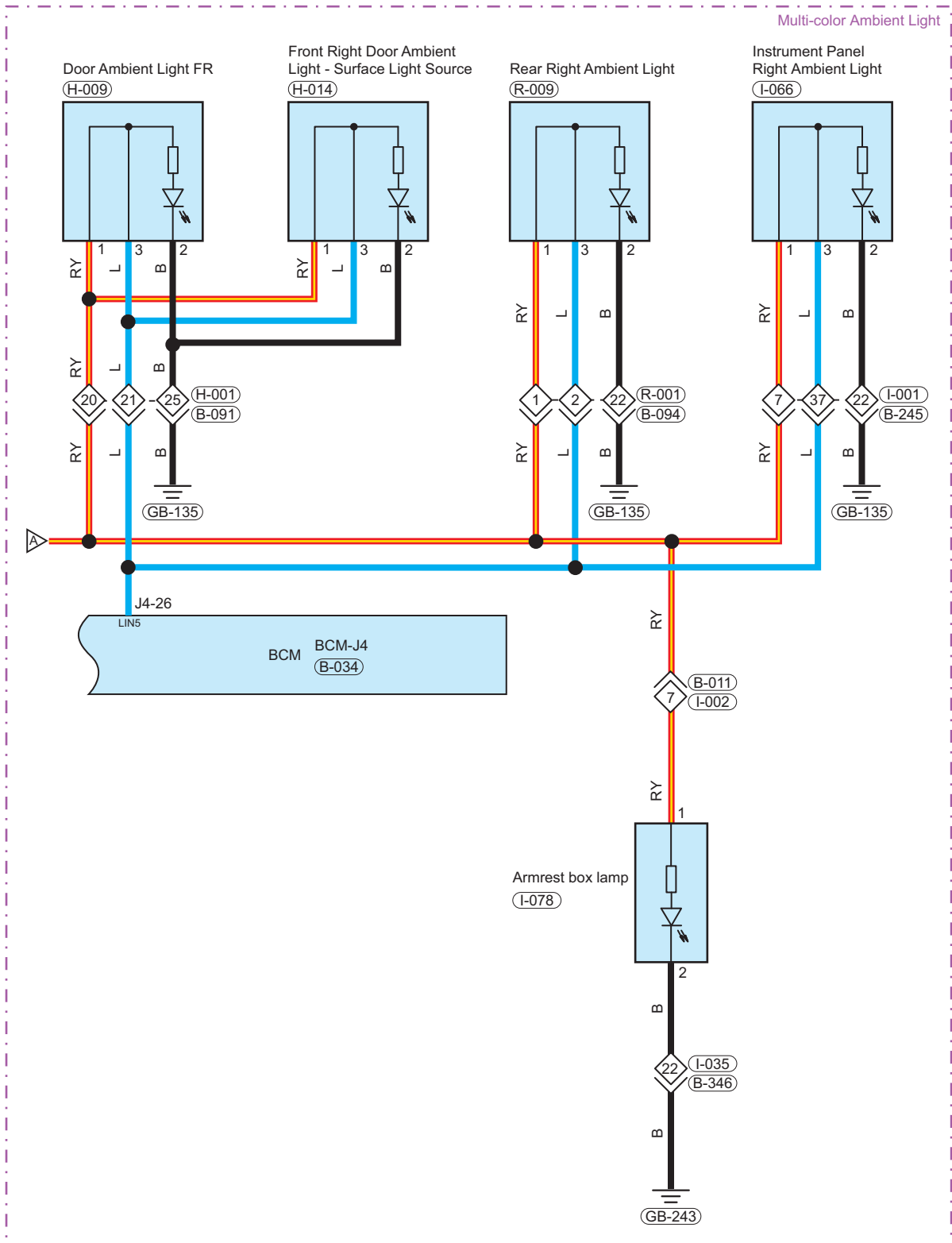
LIE012001

Ambient Light



LIE012002

Ambient Light



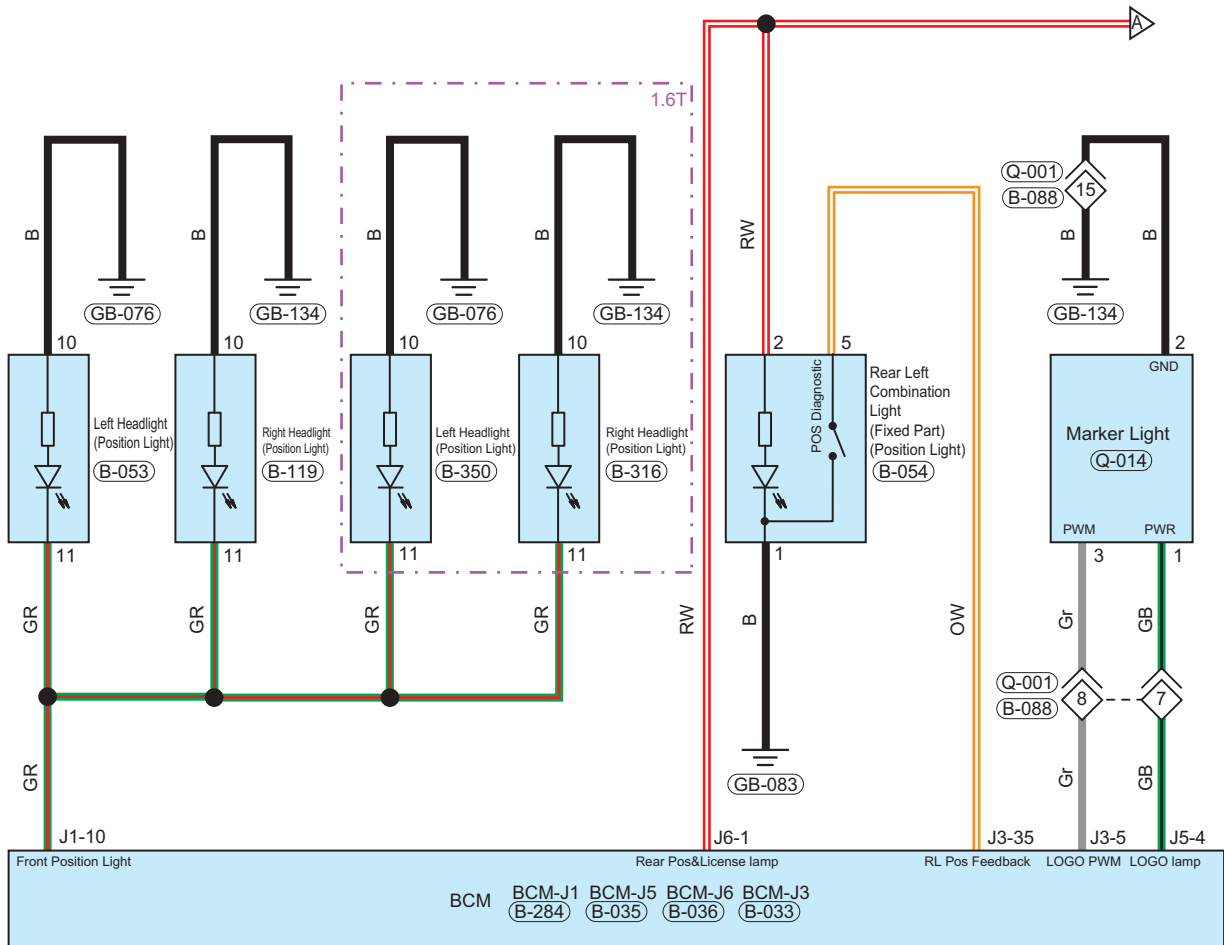
LIE012003

Ambient Light

Wire Harness Connector	Name	Wire Harness Connector
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-035	Body Domain Control Module - J5	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
B-282	Front Left Floor Ambient Light	10-52
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-011	Front Left Door Ambient Light 2	10-99
F-019	Front Left Ambient Light	10-99
GB-080	Ground Point G2.4	10-34
GB-081	Ground Point G2.5	10-34
GB-135	Ground Point G2.14	10-40
GB-243	Ground Point G2.16	10-42
GB-288	Ground Point G2.12	10-55
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-009	Front Right Door Ambient Light	10-101
H-014	Front Right Door Ambient Light - Surface Light Source	10-102
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-019	Instrument Panel Ambient Light	10-88
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-062	Outlet Ambient Light	10-83
I-064	Auxiliary Fascia Console Backup Power	10-83
I-066	Instrument Panel Right Ambient Light	10-83
L-001	Interior to Rear Left Door Wire Harness	10-104
L-008	Rear Left Door Ambient Light	10-104
L-009	Rear Left Ambient Light	10-105

Wire Harness Connector	Name	Wire Harness Connector
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-008	Rear Right Door Ambient Light	10-107
R-009	Rear Right Ambient Light	10-108

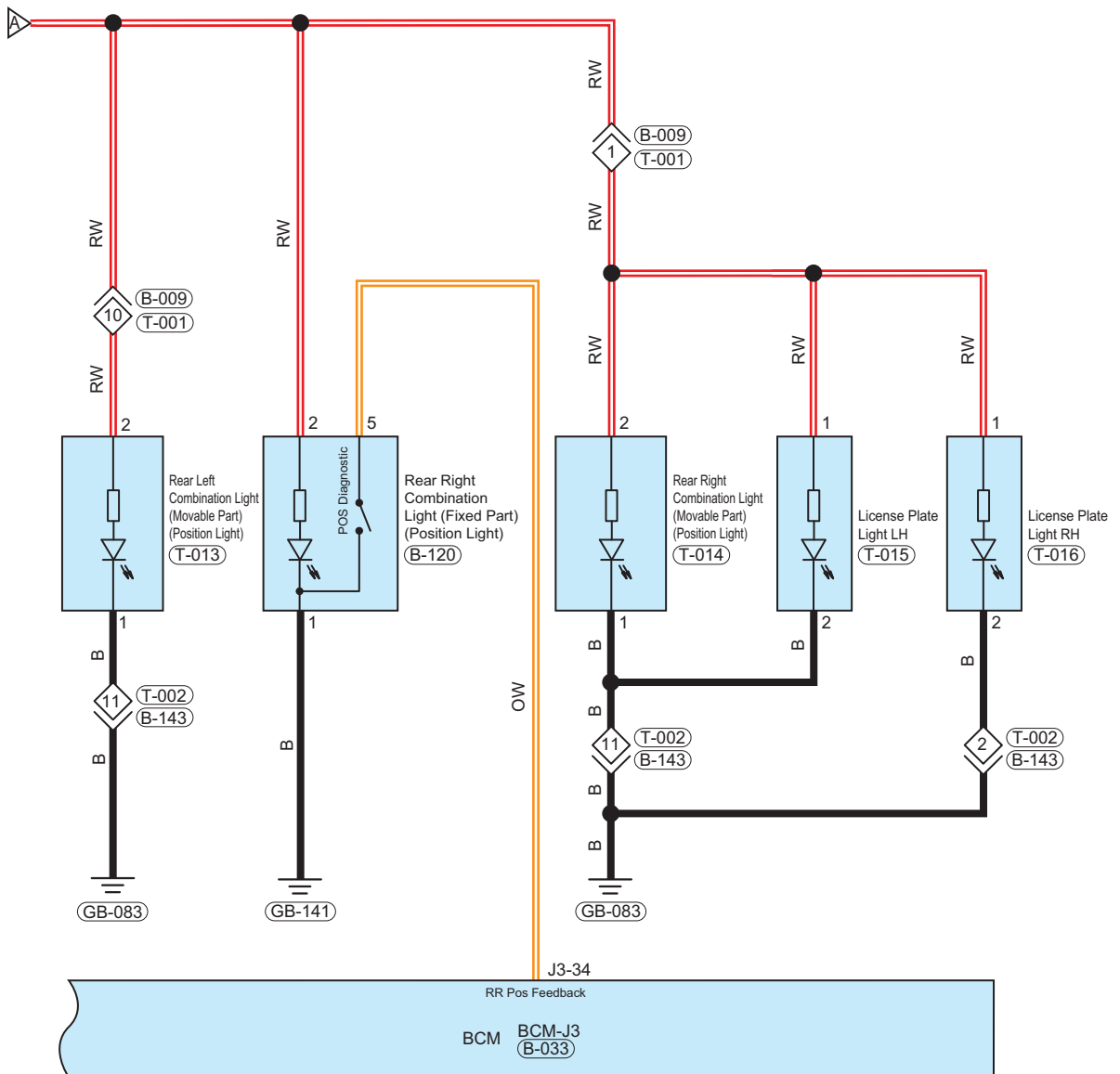
Position Light, License Plate Light



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LIE014001

Position Light, License Plate Light



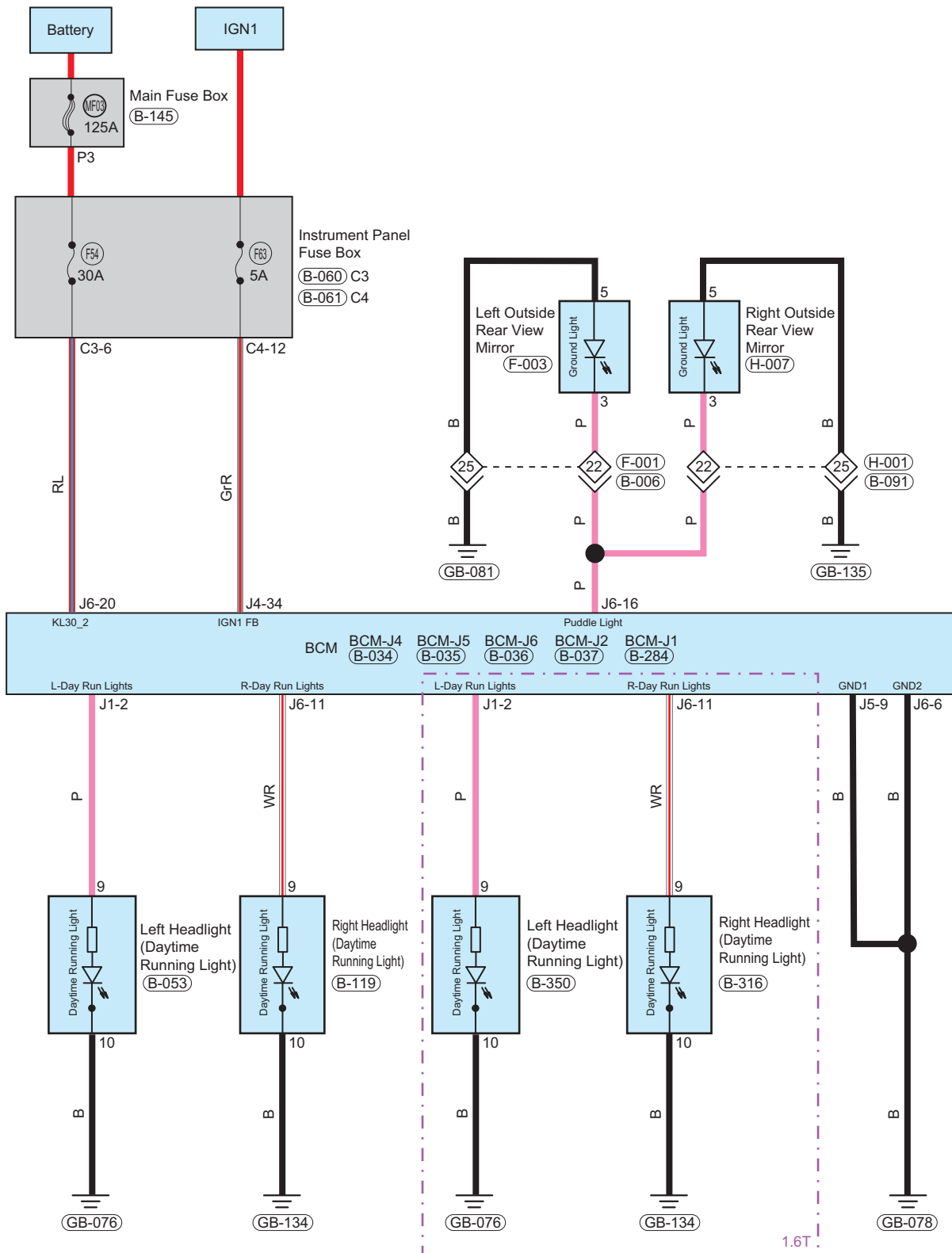
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LIE015001

Position Light, License Plate Light

Wire Harness Connector	Name	Wire Harness Connector
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-033	Body Domain Control Module - J3	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-053	Left Headlight	10-29
B-054	Rear Left Combination Light	10-35
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-119	Right Headlight	10-31
B-120	Rear Right Combination Light	10-37
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
B-284	Body Control Module - F	10-52
GB-076	Ground Point G1.4	10-29
GB-083	Ground Point G2.9	10-35
GB-134	Ground Point G1.9	10-29
Q-001	Front Bumper Wire Harness to Interior Wire Harness	10-22
Q-014	Marker Light	10-22
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-013	Rear Left Combination Light	10-110
T-014	Rear Right Combination Light	10-110
T-015	Left License Plate Light	10-110
T-016	Right License Plate Light	10-110

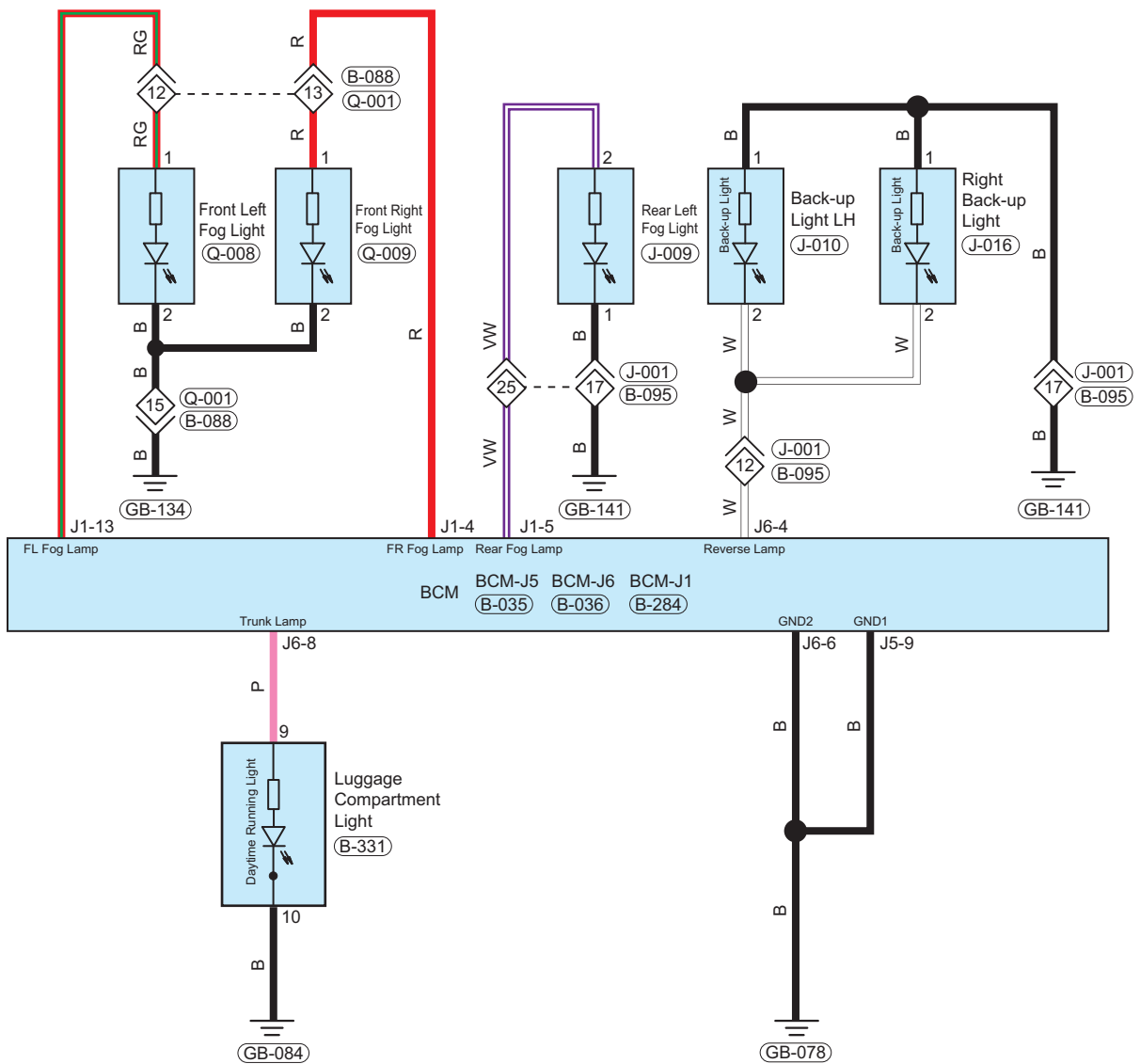
Luggage Compartment Light, Daytime Running Light, Foot Light



Luggage Compartment Light, Daytime Running Light, Foot Light

Wire Harness Connector	Name	Wire Harness Connector
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-034	Body Domain Control Module - J4	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-053	Left Headlight	10-29
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-119	Right Headlight	10-31
B-284	Body Domain Control Module - J1	10-52
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-003	Left Outside Rear View Mirror	10-99
GB-076	Ground Point G1.4	10-29
GB-078	Ground Point G2.1	10-32
GB-081	Ground Point G2.5	10-34
GB-134	Ground Point G1.9	10-29
GB-135	Ground Point G2.14	10-40
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-007	Right Outside Rear View Mirror	10-101

Fog Light, Back-up Light, Trunk Lamp



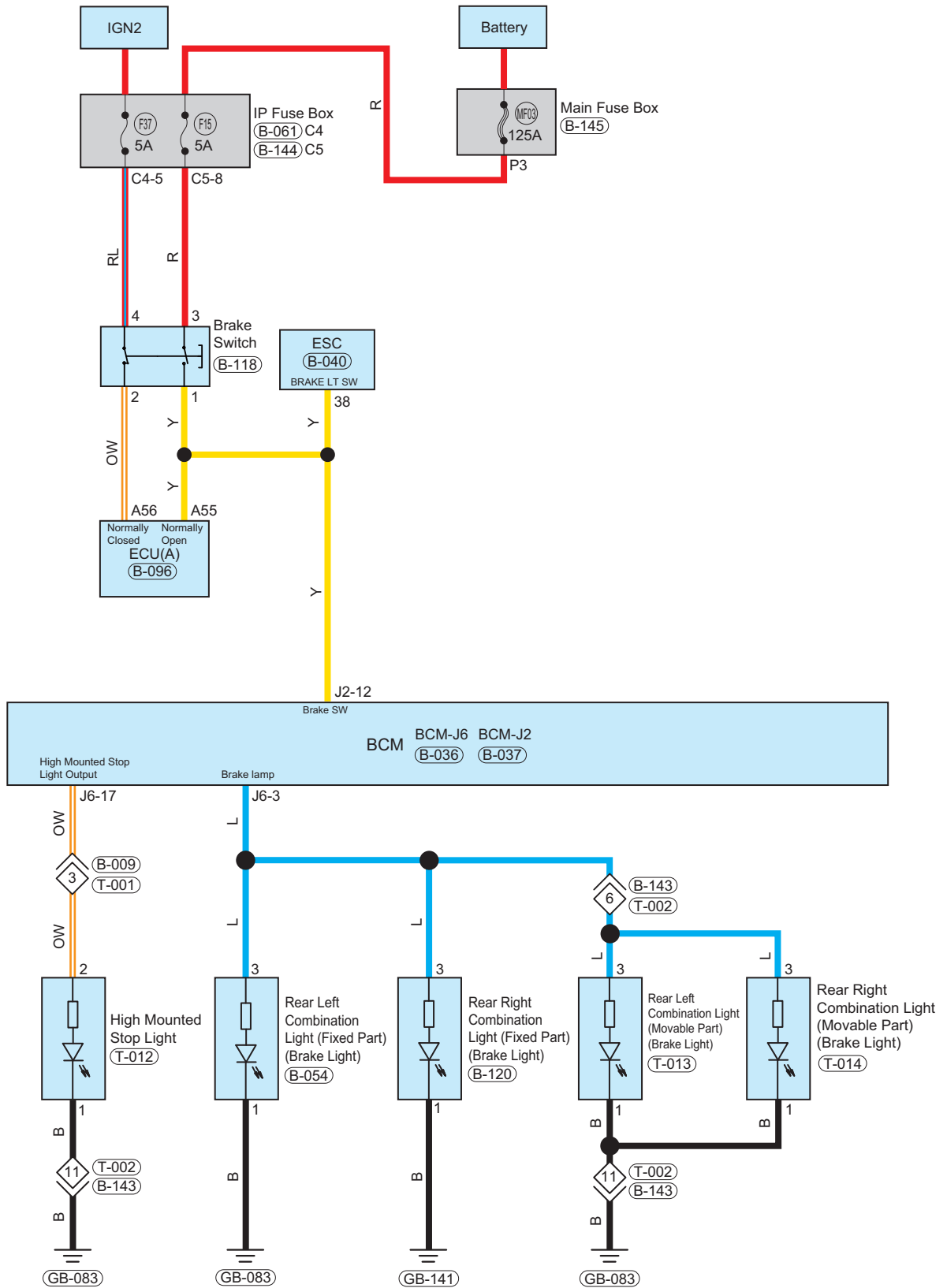
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Fog Light, Back-up Light, Trunk Lamp

Wire Harness Connector	Name	Wire Harness Connector
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
GB-078	Ground Point G2.1	10-32
GB-084	Ground Point G2.10	10-35
GB-134	Ground Point G1.9	10-29
B-331	Luggage Compartment Light	10-57
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-009	Rear Fog Light	10-26
J-010	Left Back-up Light	10-26
J-016	Right Back-up Light	10-26
Q-001	Front Bumper Wire Harness to Interior Wire Harness	10-22
Q-008	Front Left Fog Light	10-22
Q-009	Front Right Fog Light	10-22

Brake Light

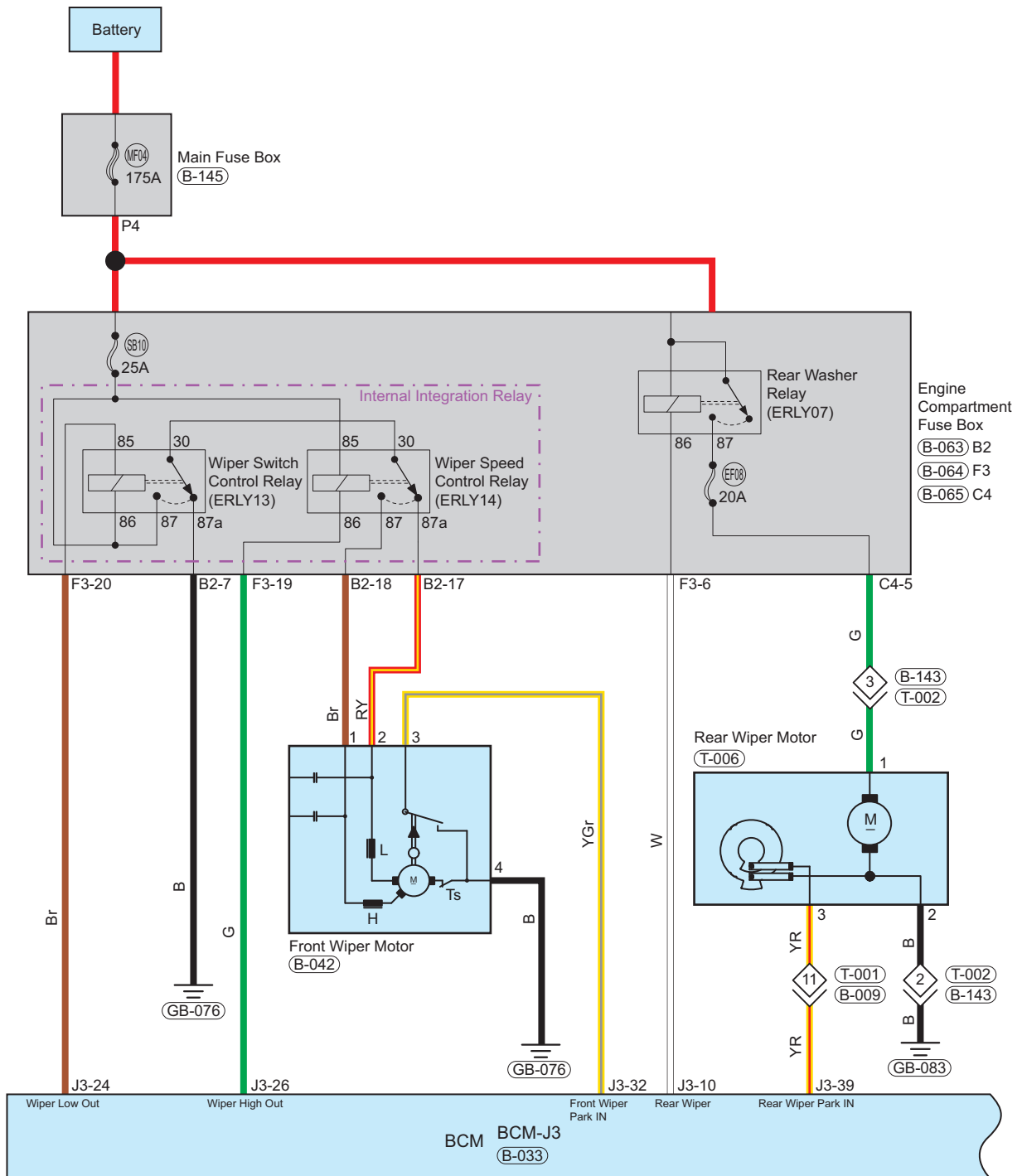


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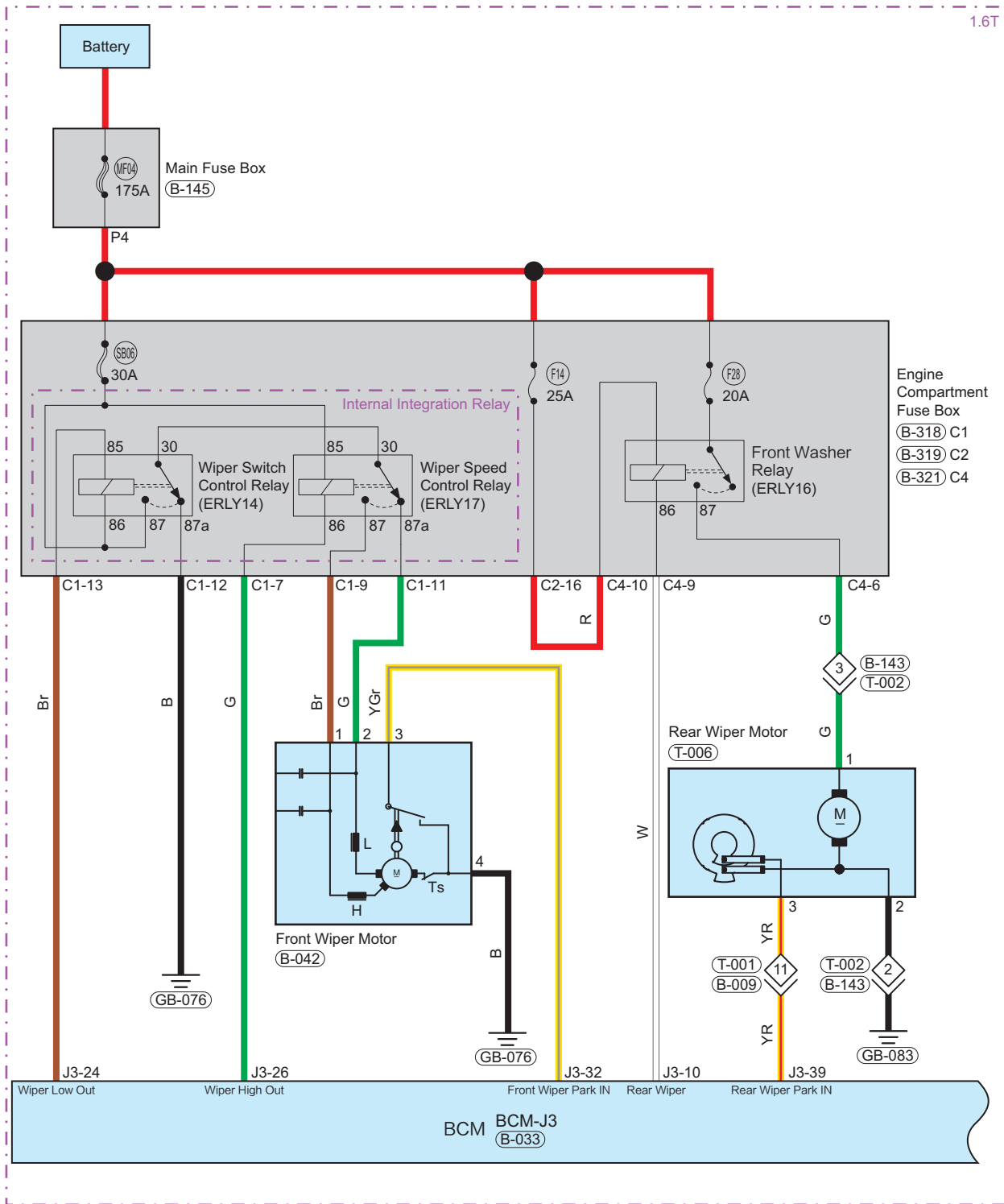
Brake Light

Wire Harness Connector	Name	Wire Harness Connector
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-040	ESC	10-29
B-054	Rear Left Combination Light	10-35
B-061	Instrument Panel Fuse Box - 4	10-32
B-096	ECU (A)	10-29
B-118	Brake Switch	10-32
B-120	Rear Right Combination Light	10-37
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
B-144	Instrument Panel Fuse Box - 5	10-32
GB-083	Ground Point G2.9	10-35
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-012	High Mounted Stop Light	10-110
T-013	Rear Left Combination Light	10-110
T-014	Rear Right Combination Light	10-110

Wiper and Washer



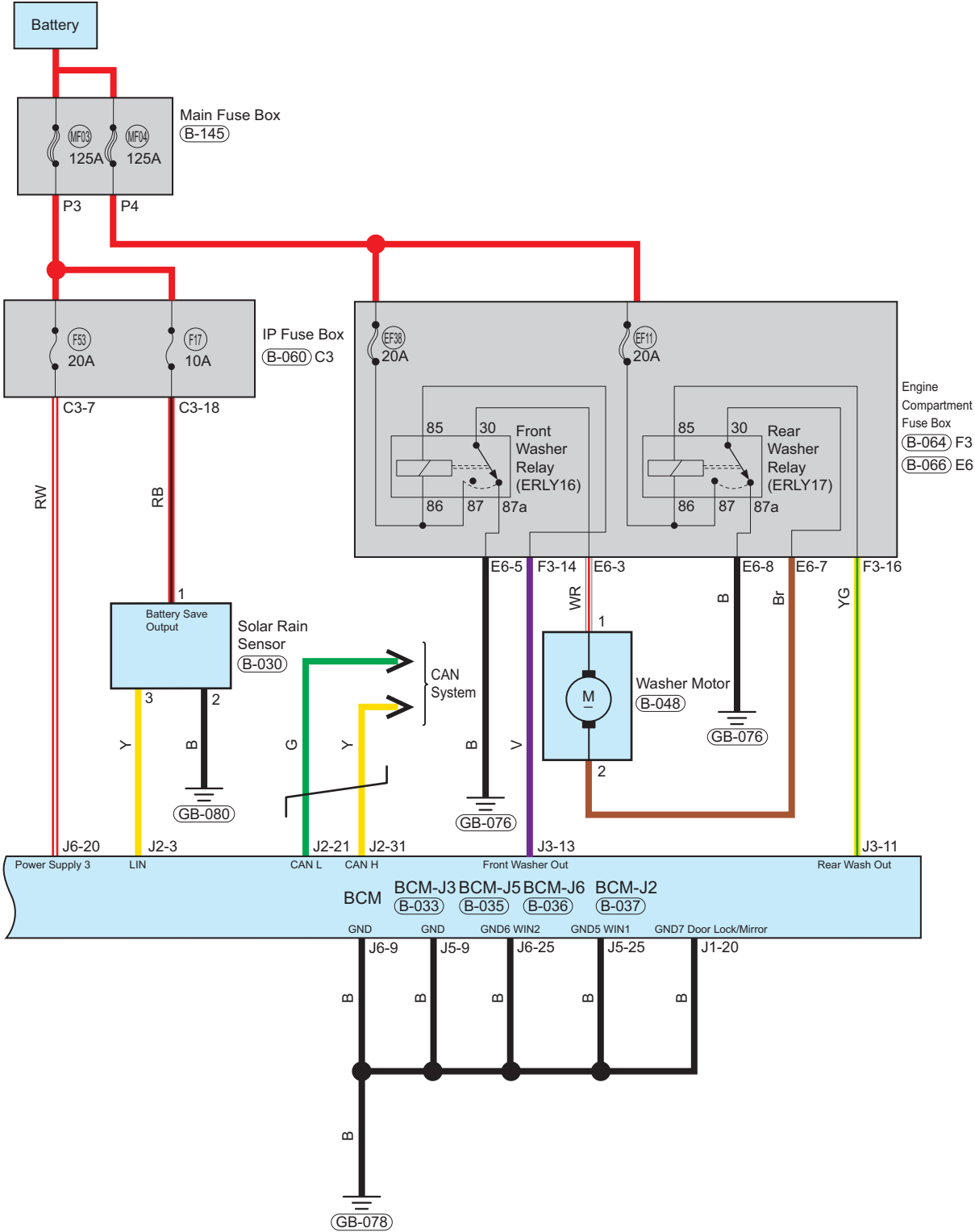
Wiper and Washer



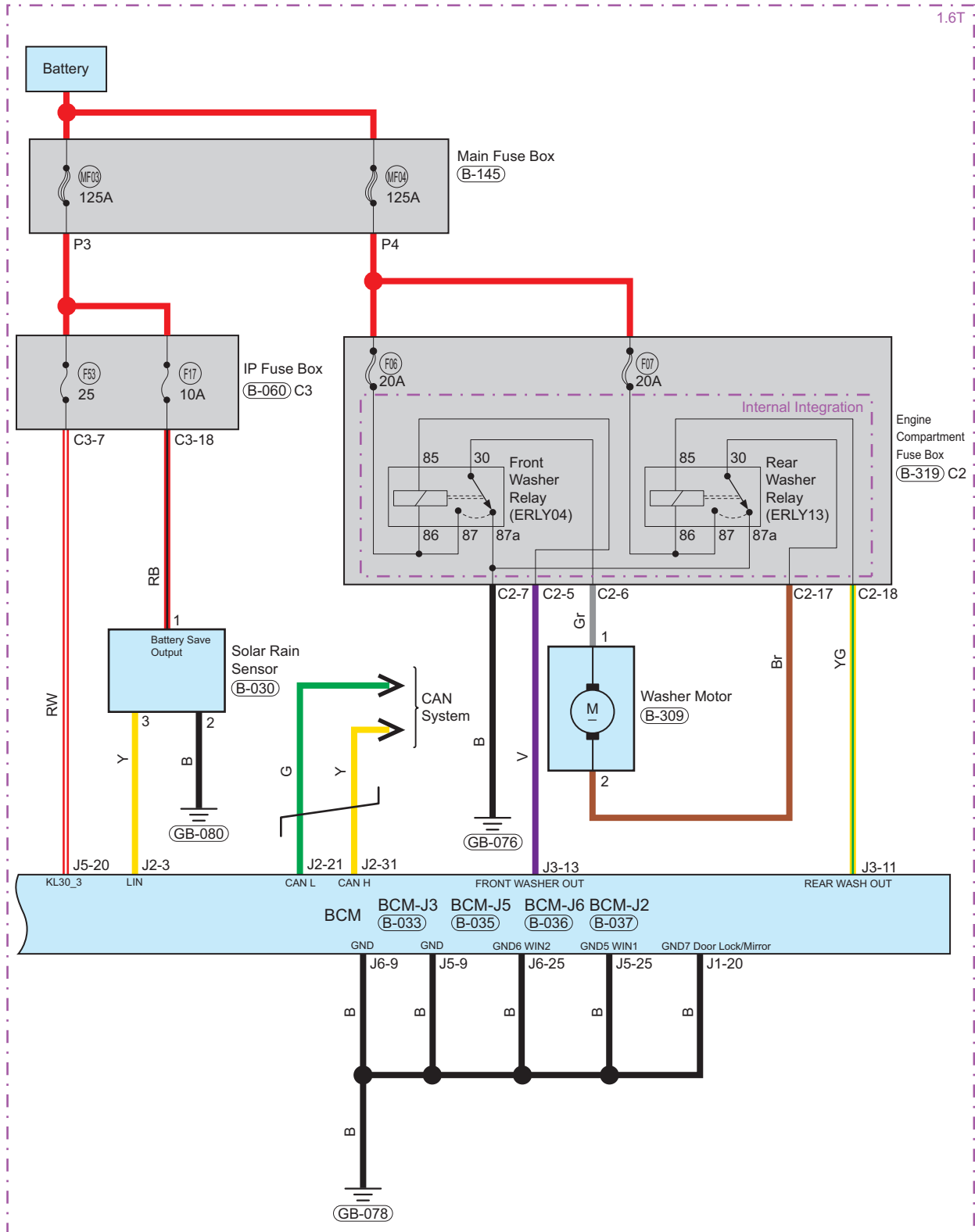
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Wiper and Washer



Wiper and Washer

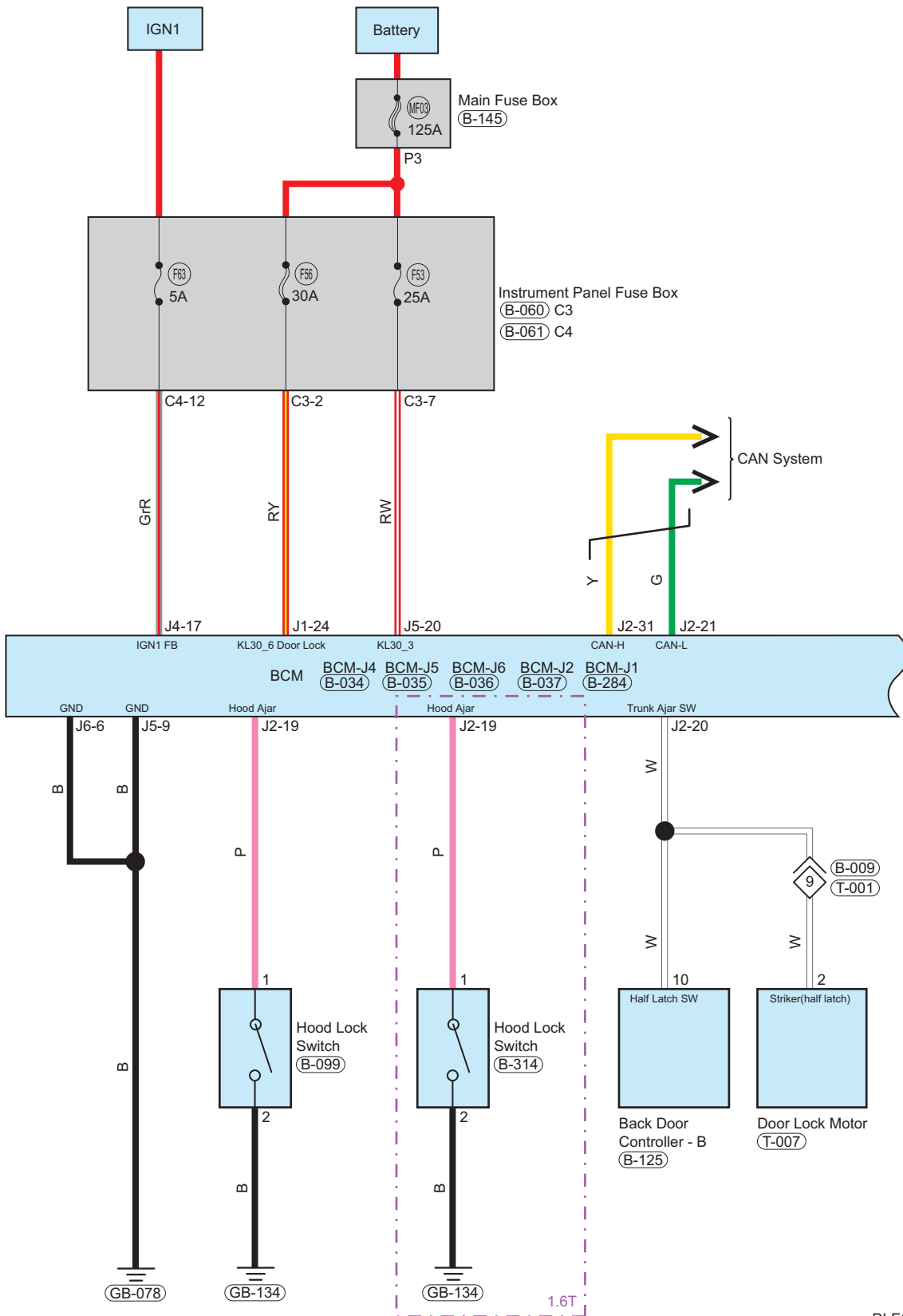


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Wiper and Washer

Wire Harness Connector	Name	Wire Harness Connector
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-030	Rain Sensor	10-44
B-033	Body Domain Control Module - J3	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-042	Front Wiper Motor	10-64
B-048	Washer Motor	10-31
B-060	Instrument Panel Fuse Box - 3	10-32
B-063	Engine Compartment Fuse Box - 2	10-29
B-064	Engine Compartment Fuse Box - 3	10-29
B-066	Engine Compartment Fuse Box - 6	10-29
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
B-309	Washer Motor	10-51
B-318	Engine Compartment Fuse Box - 1	10-50
B-319	Engine Compartment Fuse Box - 2	10-50
GB-076	Ground Point G1.4	10-29
GB-078	Ground Point G2.1	10-32
GB-080	Ground Point G2.4	10-34
GB-083	Ground Point G2.9	10-35
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-006	Rear Wiper Motor	10-110

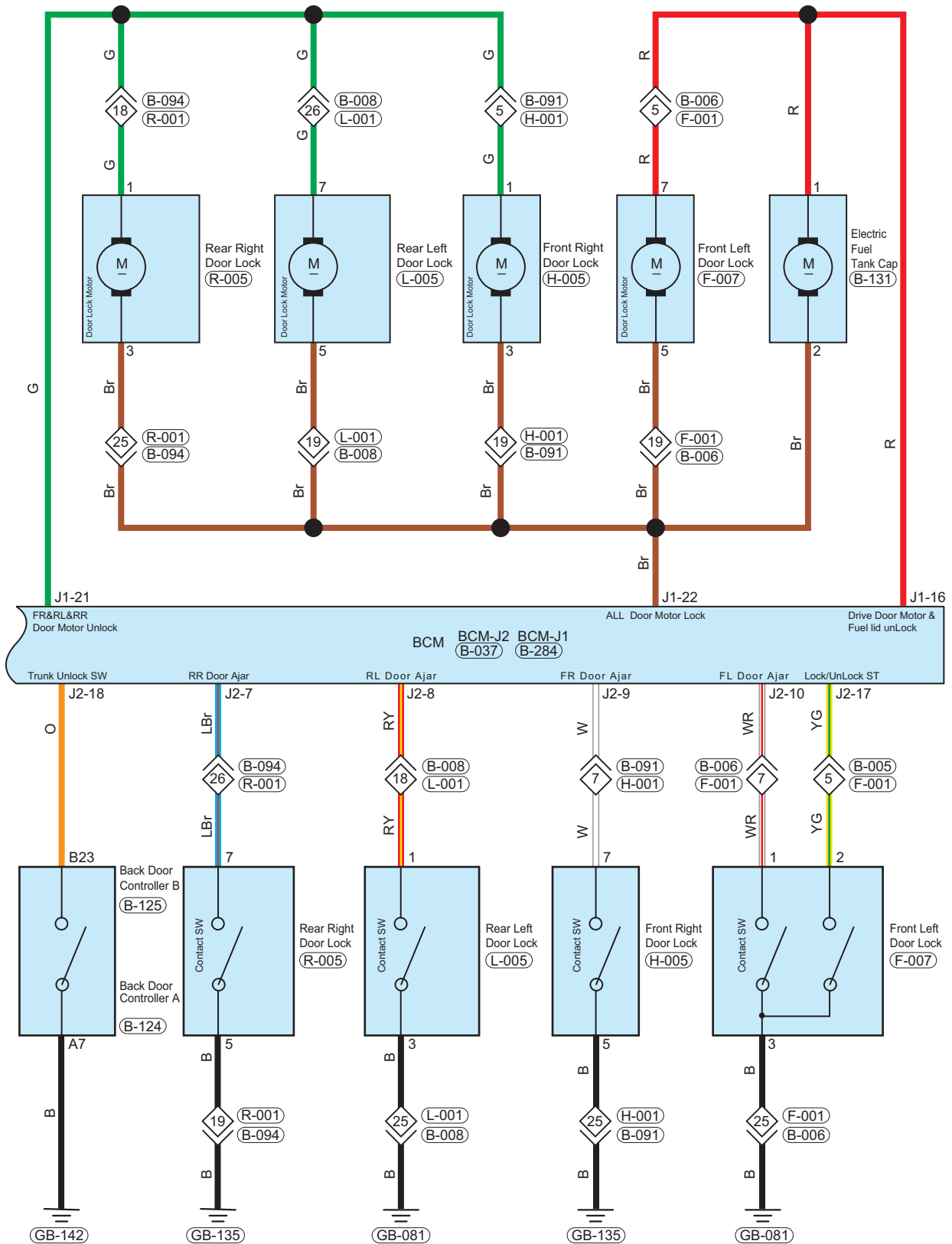
Door Lock



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Door Lock

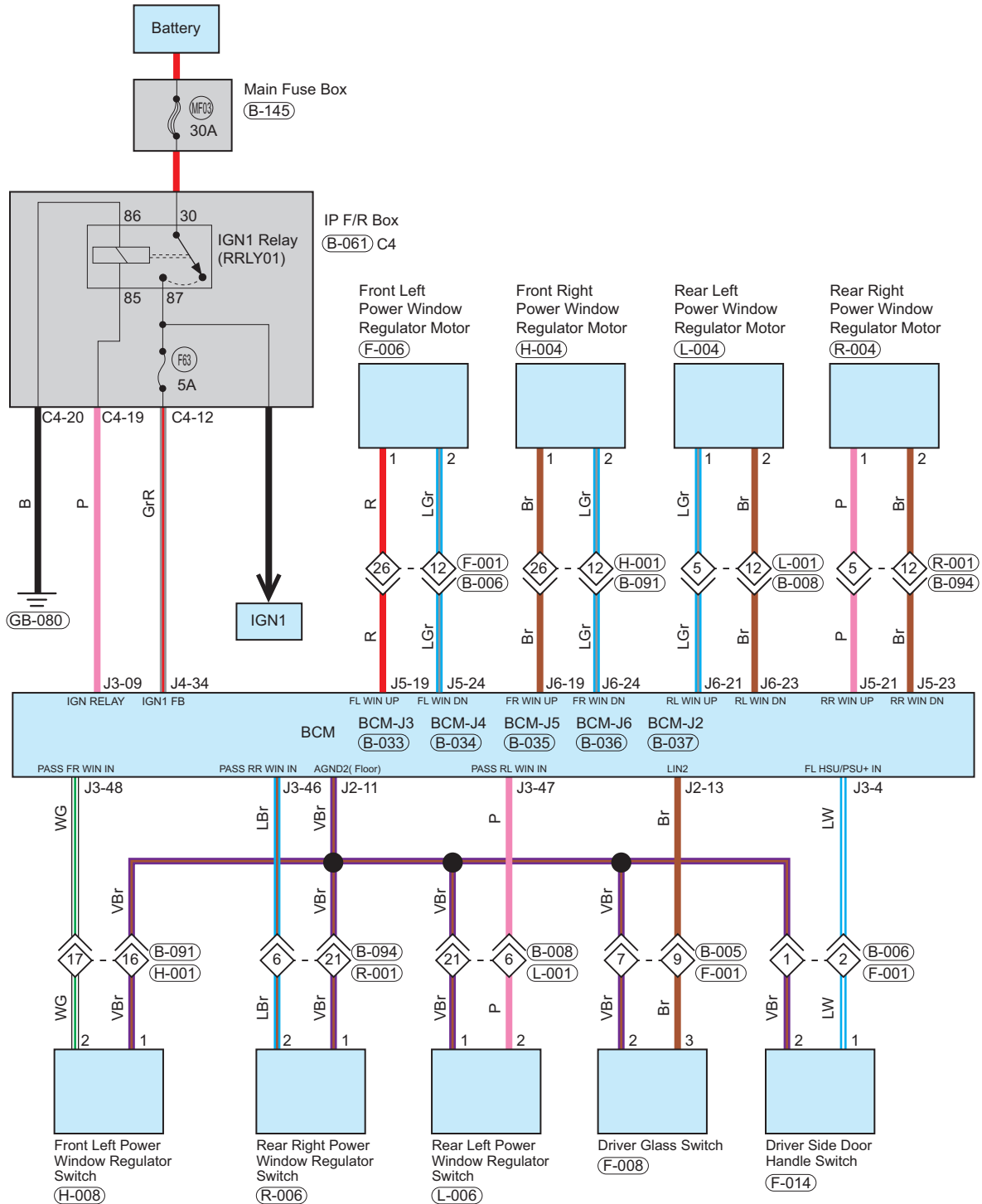


Door Lock

Wire Harness Connector	Name	Wire Harness Connector
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-034	Body Domain Control Module - J4	10-32
B-035	Body Domain Control Module - J5	10-32
B-037	Body Domain Control Module - J2	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
B-099	Hood Lock Switch	10-31
B-125	Back Door Controller - B	10-37
B-131	Electric Fuel Tank Cap	10-38
B-284	Body Domain Control Module - J1	10-52
B-314	Hood Lock Switch	10-59
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-007	Front Left Door Lock	10-99
GB-078	Ground Point G2.1	10-32
GB-081	Ground Point G2.5	10-34
GB-134	Ground Point G1.9	10-29
GB-135	Ground Point G2.14	10-40
GB-142	Ground Point G2.22	10-37
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-005	Front Right Door Lock	10-101
L-001	Interior to Rear Left Door Wire Harness	10-104
L-005	Rear Left Door Lock	10-104
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-005	Rear Right Door Lock	10-107

Wire Harness Connector	Name	Wire Harness Connector
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-007	Door Lock Motor	10-110

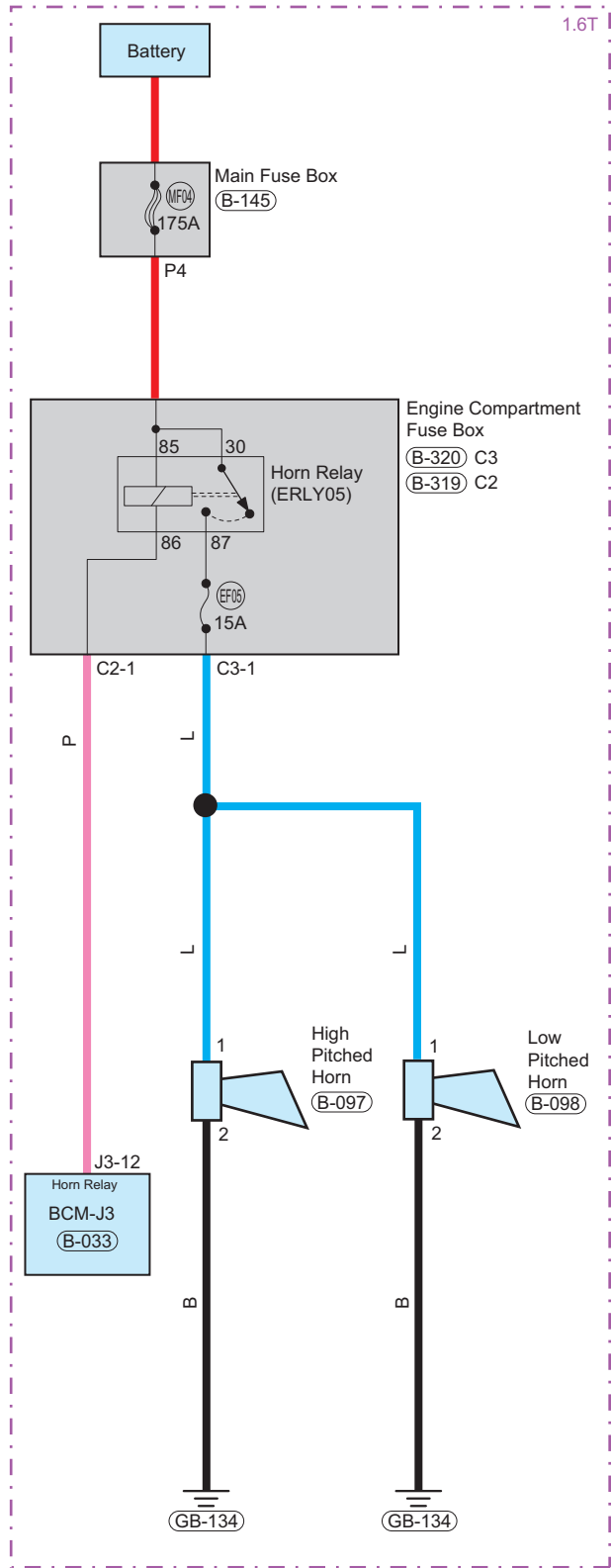
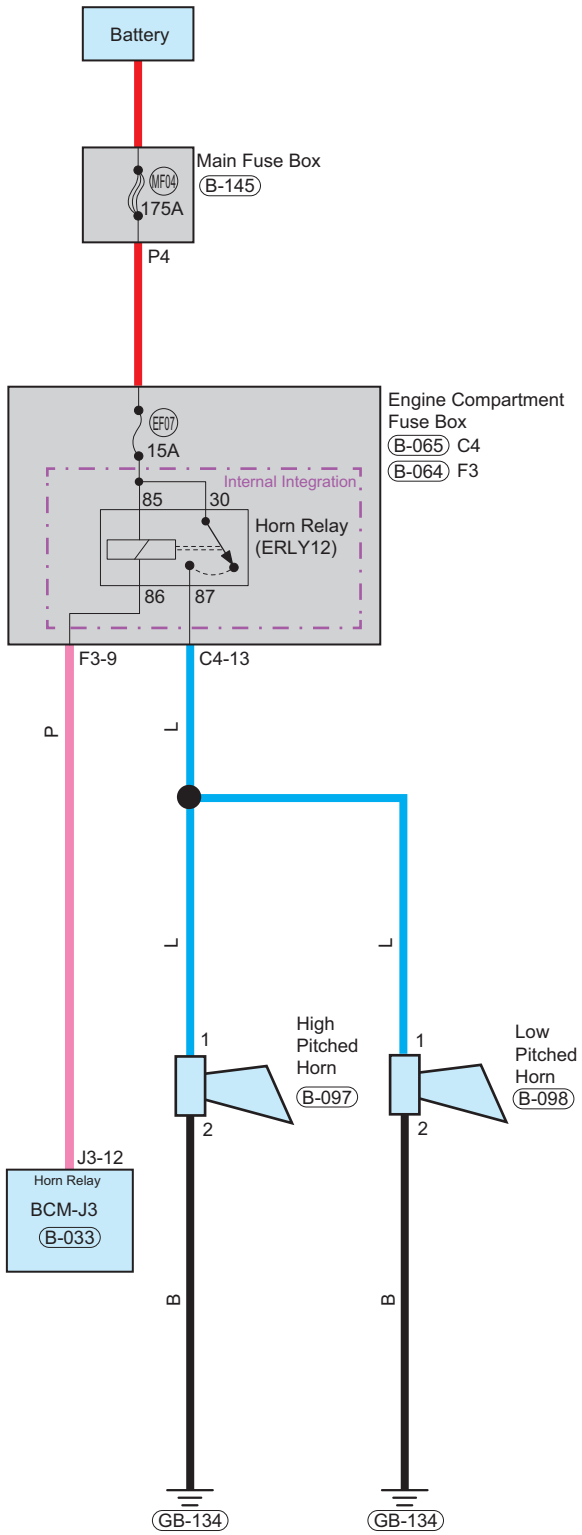
Window



Window

Wire Harness Connector	Name	Wire Harness Connector
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-033	Body Domain Control Module - J3	10-32
B-035	Body Domain Control Module - J5	10-32
B-036	Body Domain Control Module - J6	10-32
B-037	Body Domain Control Module - J2	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-006	Front Left Power Window Regulator Motor	10-99
F-008	Driver Glass Switch	10-99
F-014	Driver Side Door Handle Switch	10-99
GB-080	Ground Point G2.4	10-34
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-004	Front Right Power Window Regulator Motor	10-101
H-008	Front Right Power Window Regulator Switch	10-101
L-001	Interior to Rear Left Door Wire Harness	10-104
L-004	Rear Left Power Window Regulator Motor	10-104
L-006	Rear Left Power Window Regulator Switch	10-104
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-004	Rear Right Power Window Regulator Motor	10-107
R-006	Rear Right Power Window Regulator Switch	10-107

Horn



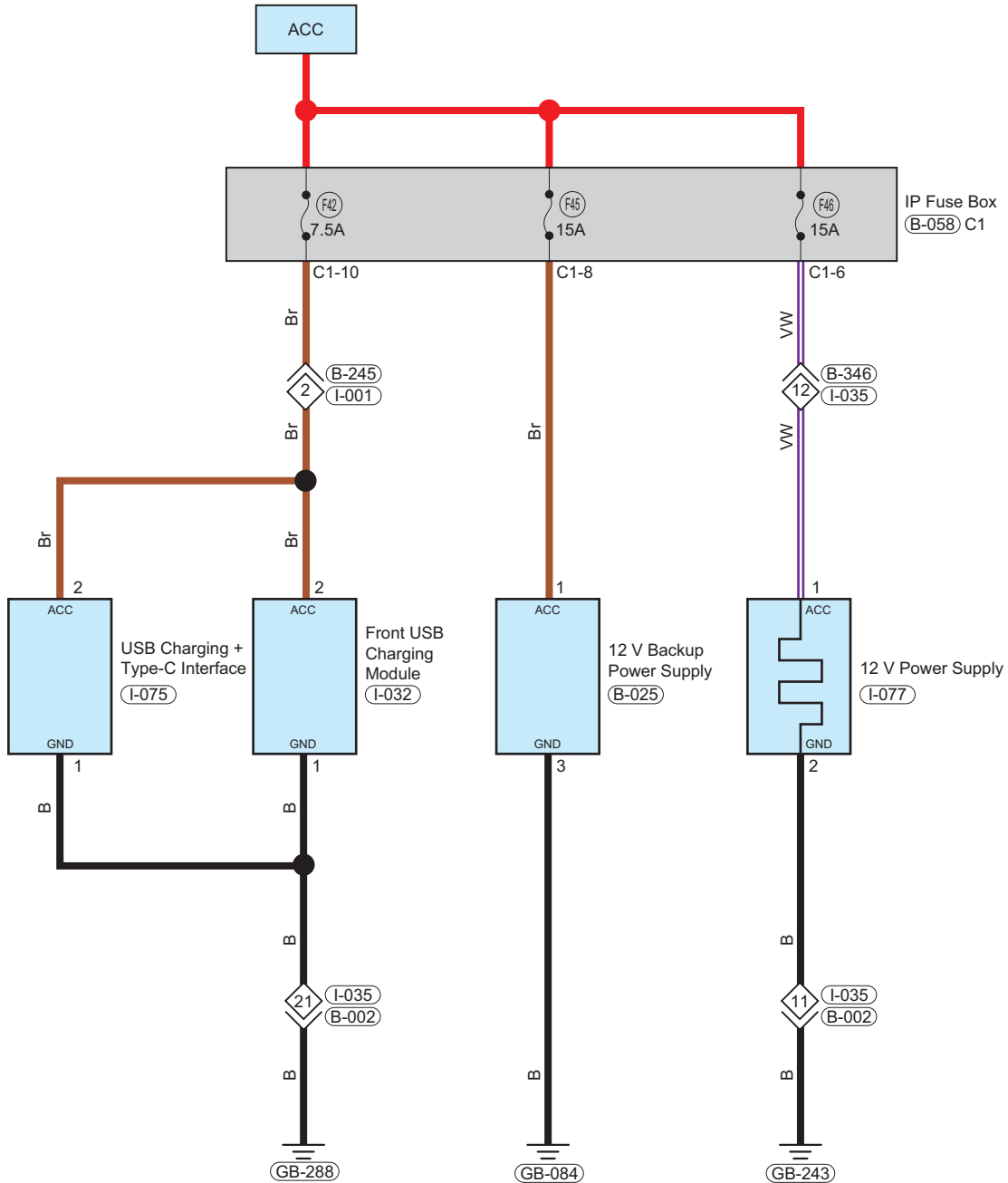
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Horn

Wire Harness Connector	Name	Wire Harness Connector
B-033	Body Domain Control Module - J3	10-32
B-064	Engine Compartment Fuse Box - 3	10-29
B-065	Engine Compartment Fuse Box - 4	10-29
B-097	High Pitched Horn	10-29
B-098	Low Pitched Horn	10-29
GB-134	Ground Point G1.9	10-29

Other system (cigarette lighter backup power source USB charging module)

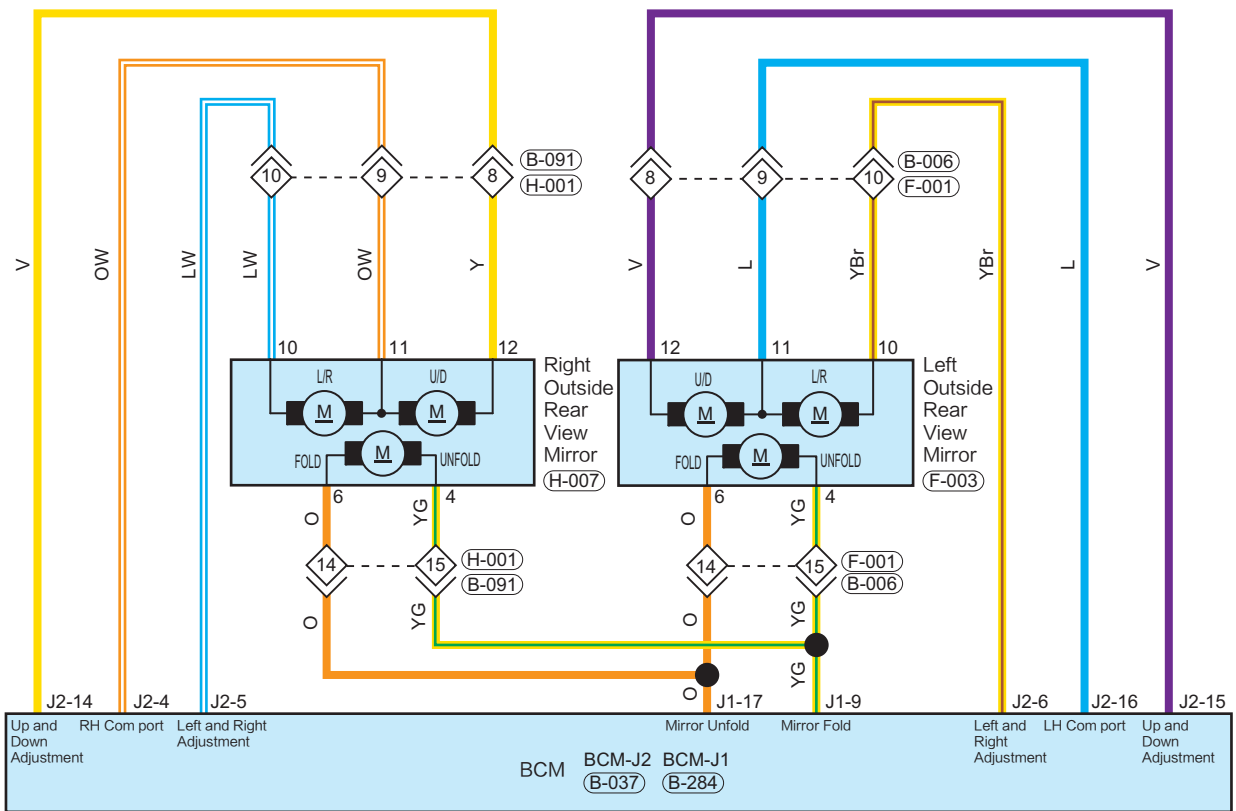


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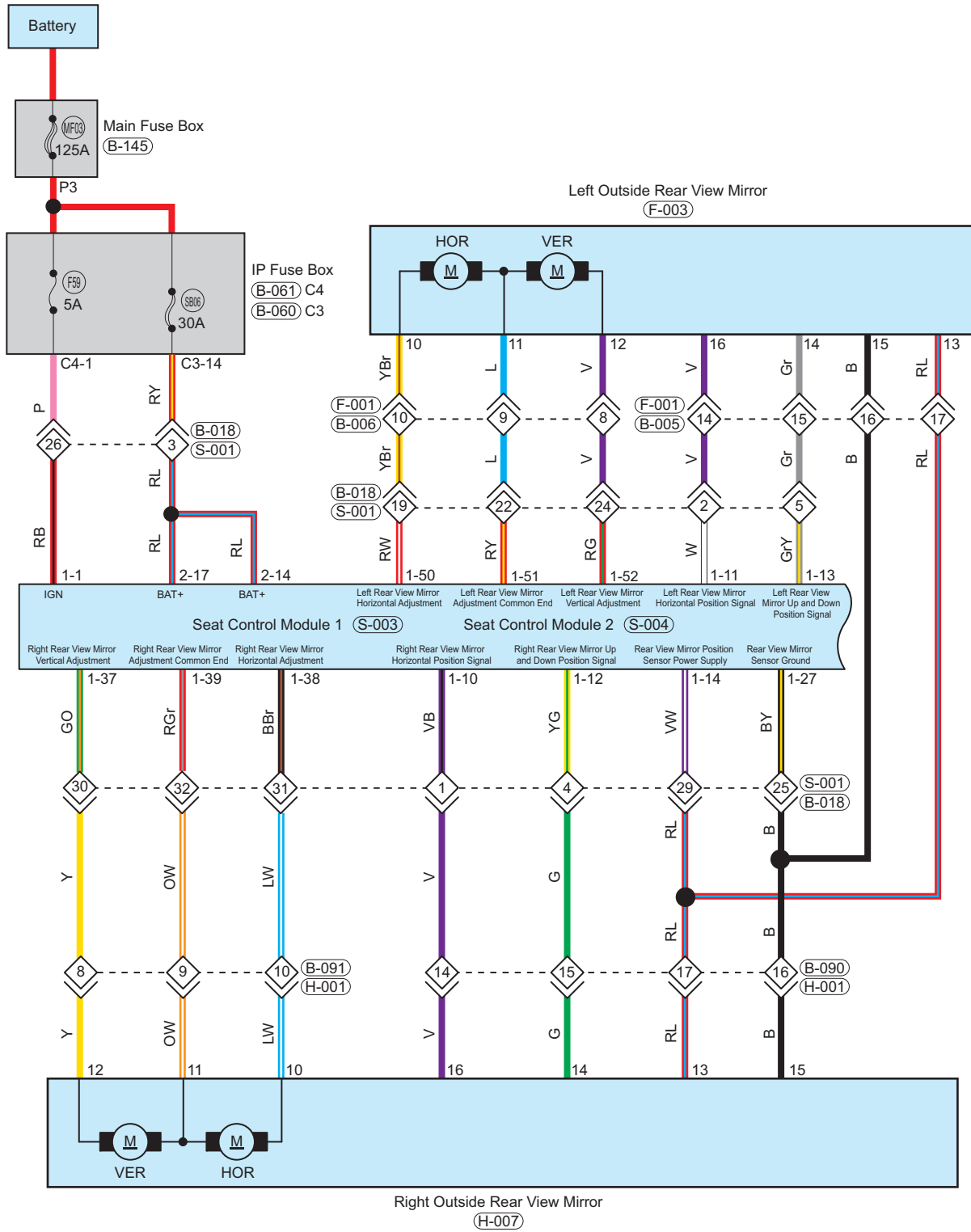
Other system (cigarette lighter backup power source USB charging module)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-025	12 V Backup Power Supply	10-35
B-058	Instrument Panel Fuse Box - 1	10-32
B-346	360 FAPA	10-56
GB-081	Ground Point G2.5	10-34
GB-084	Ground Point G2.10	10-35
GB-288	Ground Point G2.12	10-55
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-032	Front USB Charging Module	10-85
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-077	12V Power Supply	10-92
I-075	USB Charging + Type-C Interface	10-93

Rear View Mirror



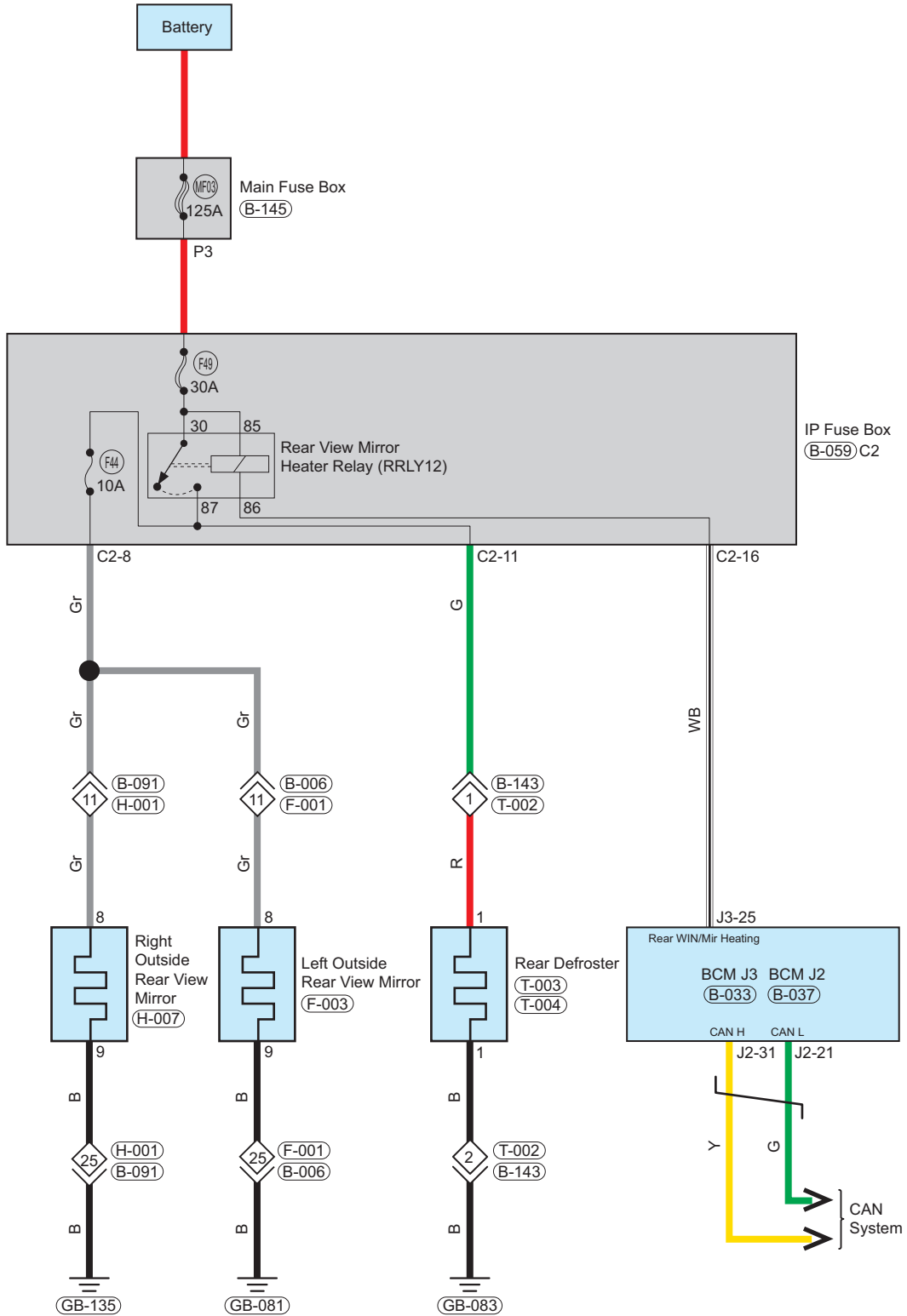
Rear View Mirror



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RME003001

Rear View Mirror Heater, Rear Defroster



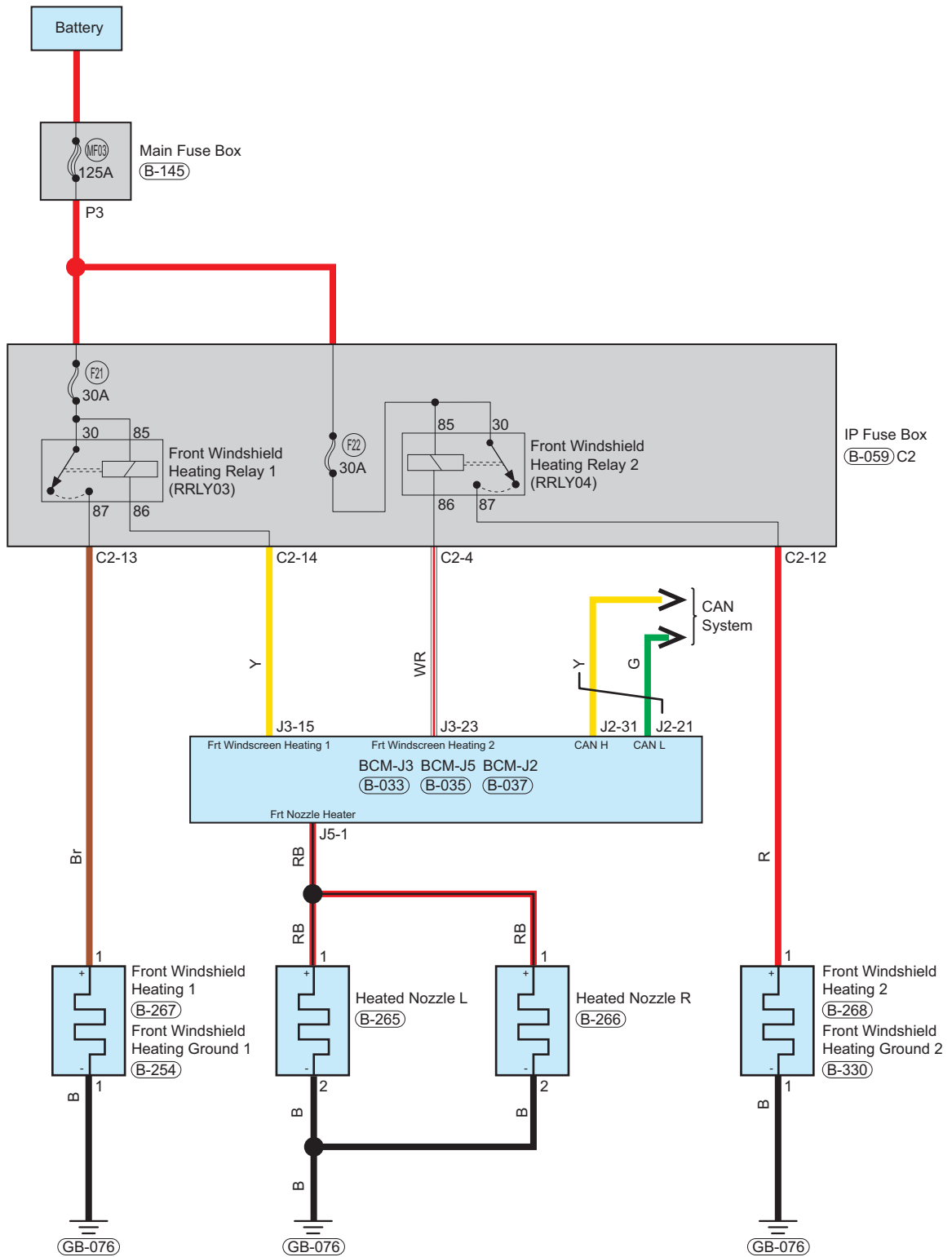
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RME004001

Rear View Mirror

Wire Harness Connector	Name	Wire Harness Connector
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-018	Driver Seat to Interior Connector	10-34
B-033	Body Domain Control Module - J3	10-32
B-034	Body Domain Control Module - J4	10-32
B-037	Body Domain Control Module - J2	10-32
B-059	Instrument Panel Fuse Box - 2	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-090	Interior Wire Harness to Front Right Door Wire Harness 1	10-41
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-003	Left Outside Rear View Mirror	10-99
GB-081	Ground Point G2.5	10-34
GB-083	Ground Point G2.9	10-35
GB-135	Ground Point G2.14	10-40
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-007	Right Outside Rear View Mirror	10-101
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-003	Rear Defroster Positive	10-110
T-004	Rear Defroster Negative	10-110
S-001	Driver Seat to Interior Wire Harness	10-122
S-003	Seat Control Module 1	10-122
S-004	Seat Control Module 2	10-122

Front Windshield Heating



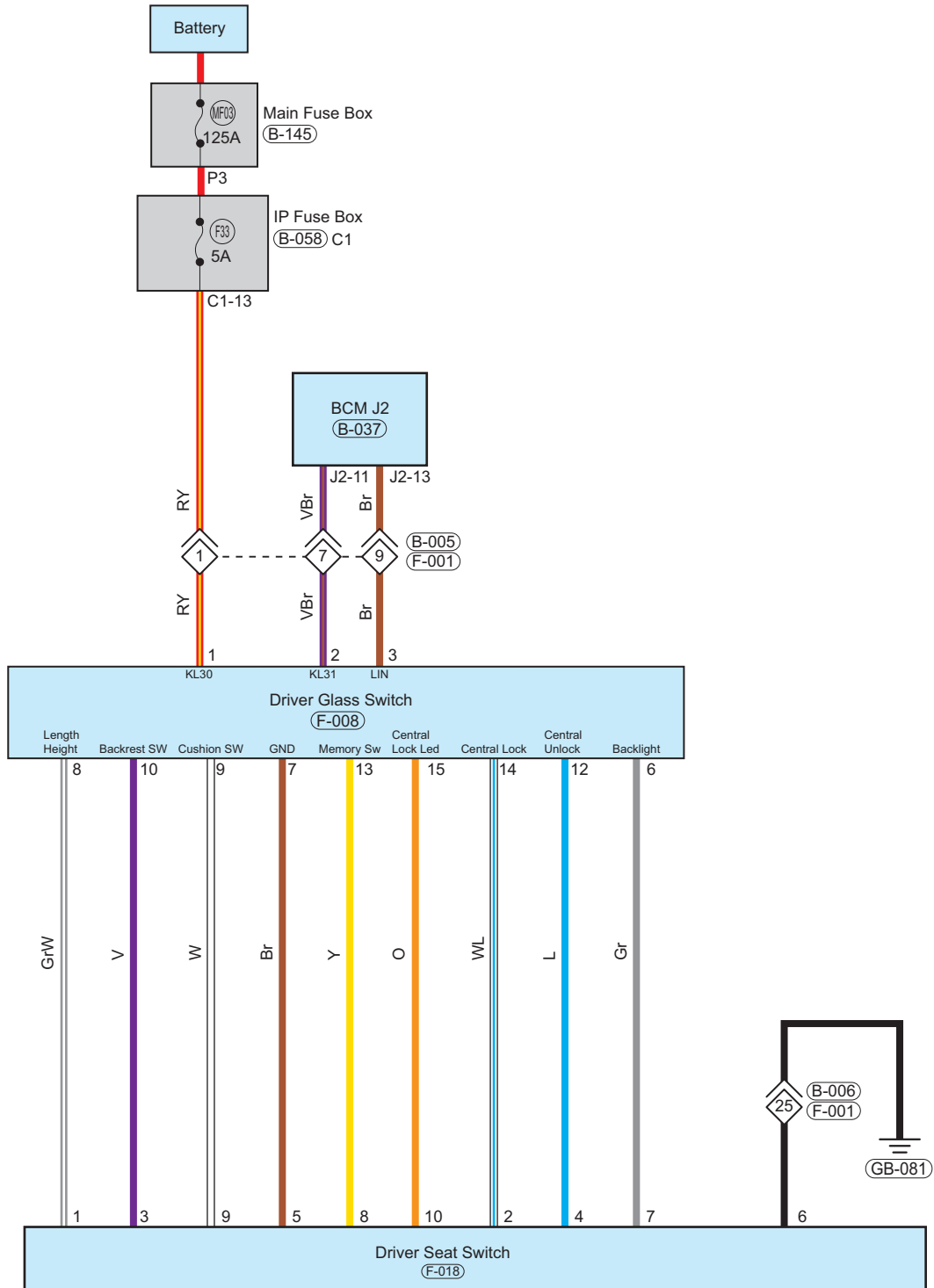
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RME005001

Front Windshield Heating

Wire Harness Connector	Name	Wire Harness Connector
B-033	Body Domain Control Module - J3	10-32
B-035	Body Domain Control Module - J5	10-32
B-037	Body Domain Control Module - J2	10-32
B-059	Instrument Panel Fuse Box - 2	10-32
B-254	Front Windshield Heating Ground	10-53
B-265	Heated Nozzle L	10-64
B-266	Heated Nozzle R	10-64
B-267	Front Windshield Heating 1	10-64
B-268	Front Windshield Heating 2	10-64
B-330	Front Windshield Heating Ground	10-54
GB-076	Ground Point G1.4	10-29

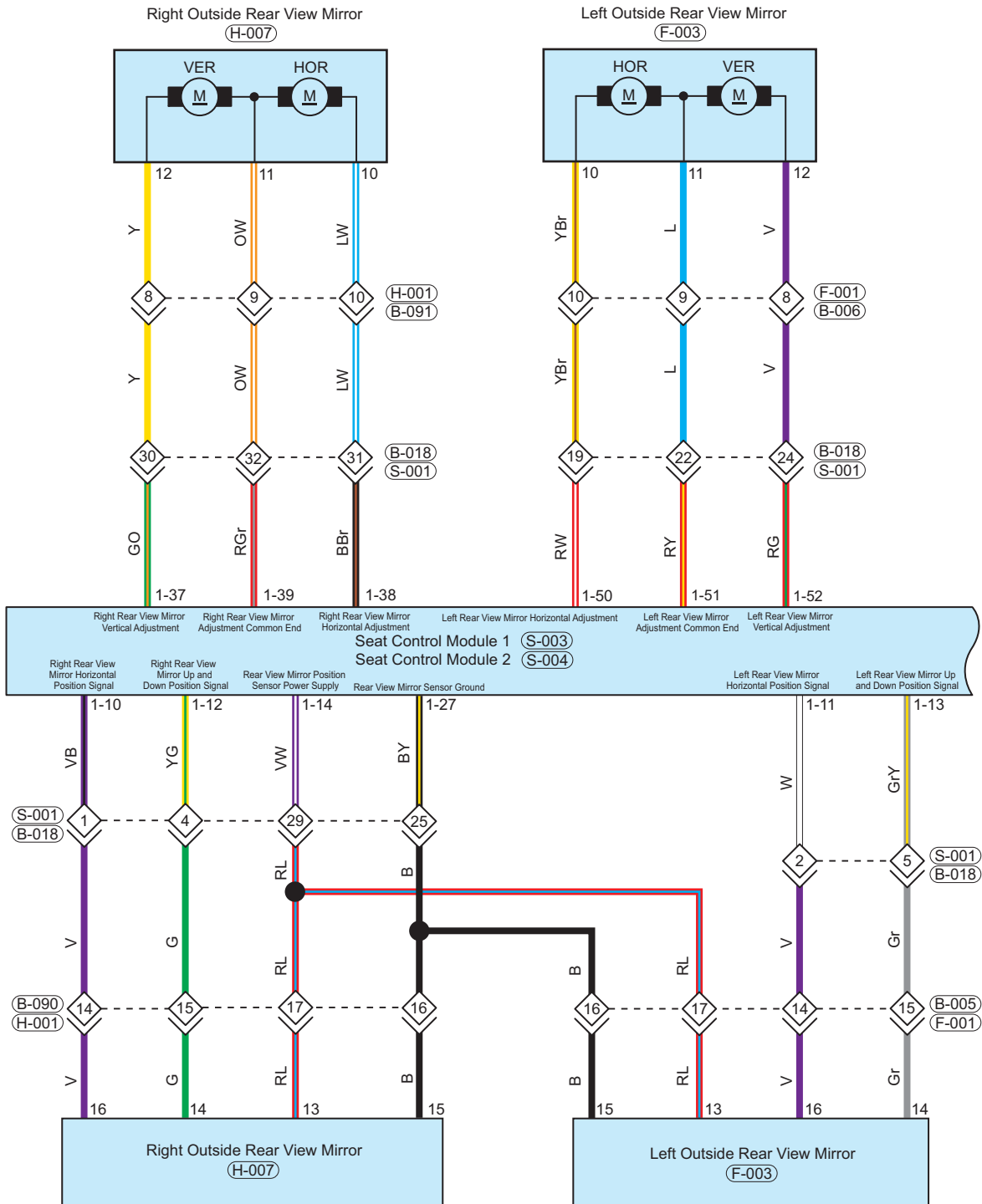
Seat



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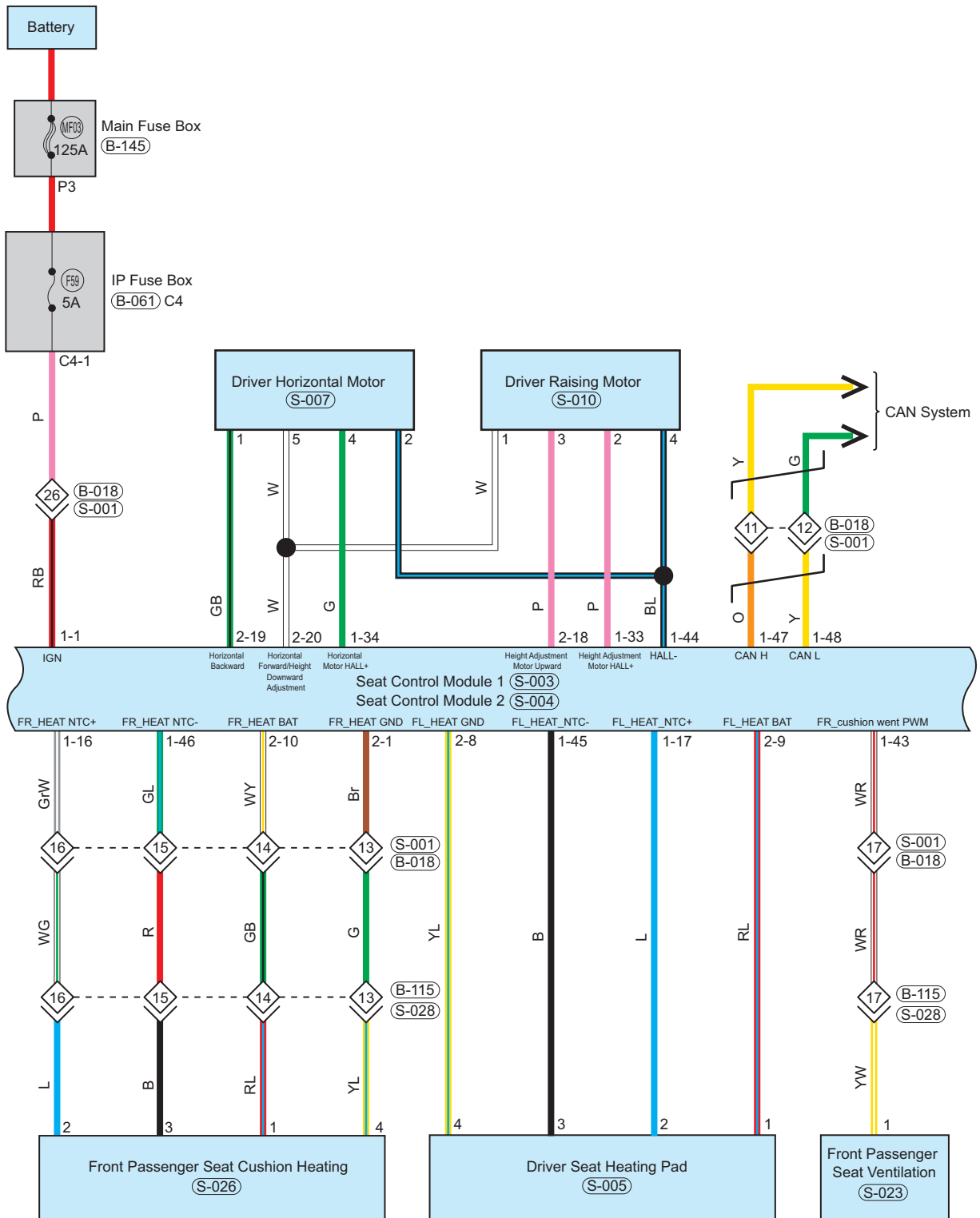
SEE001001

Seat



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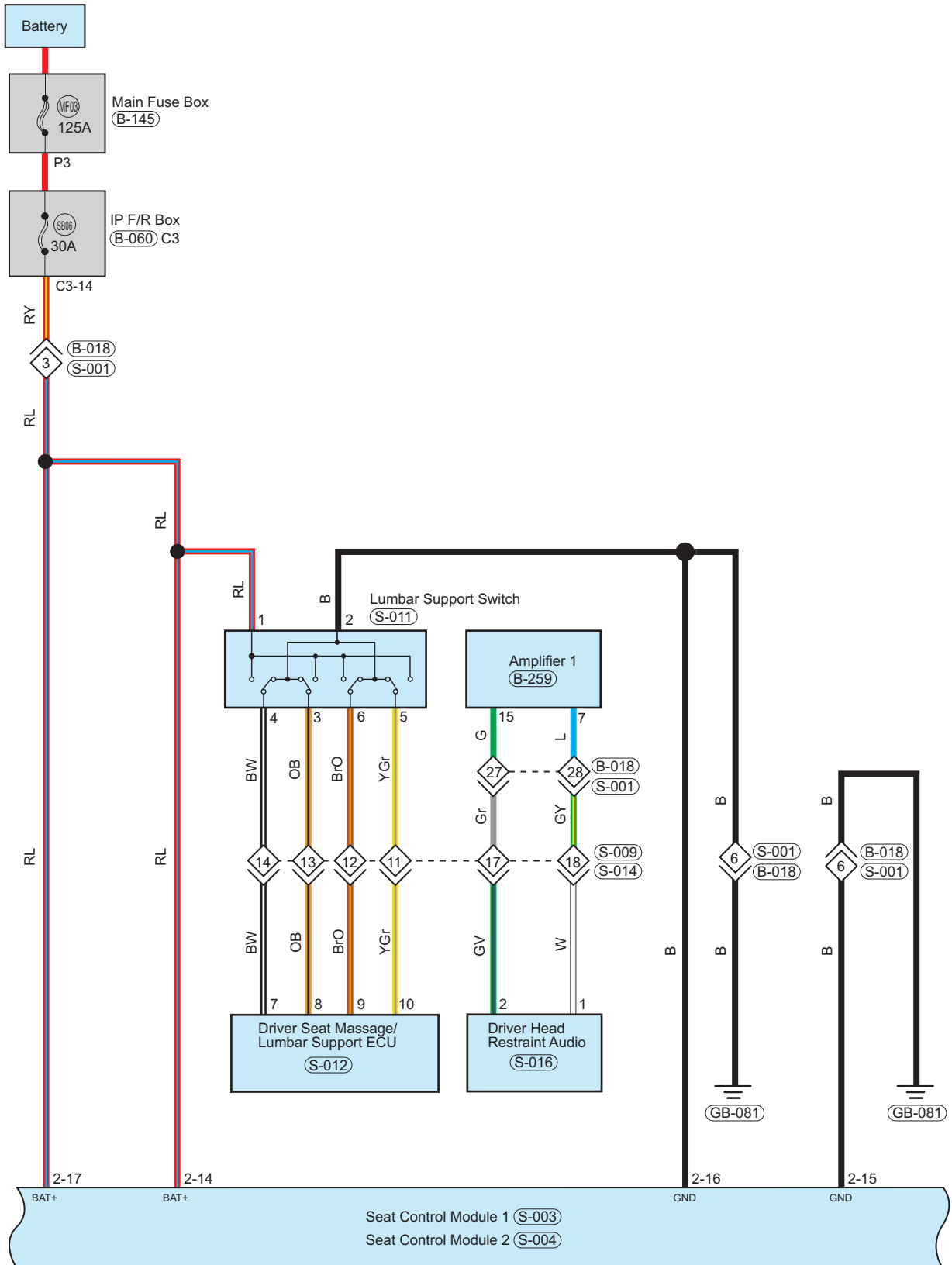
Seat



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SEE003001

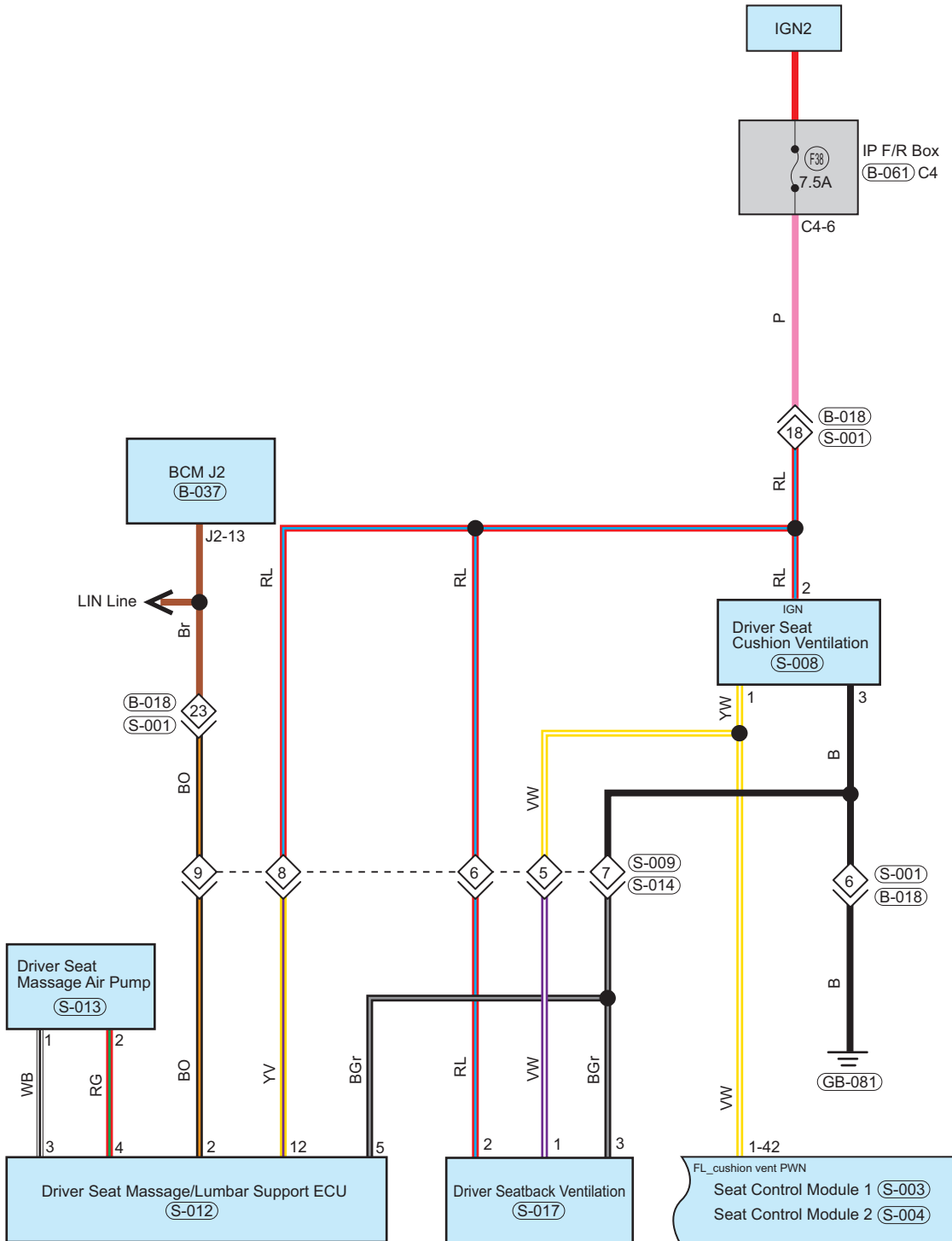
Seat



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SEE004001

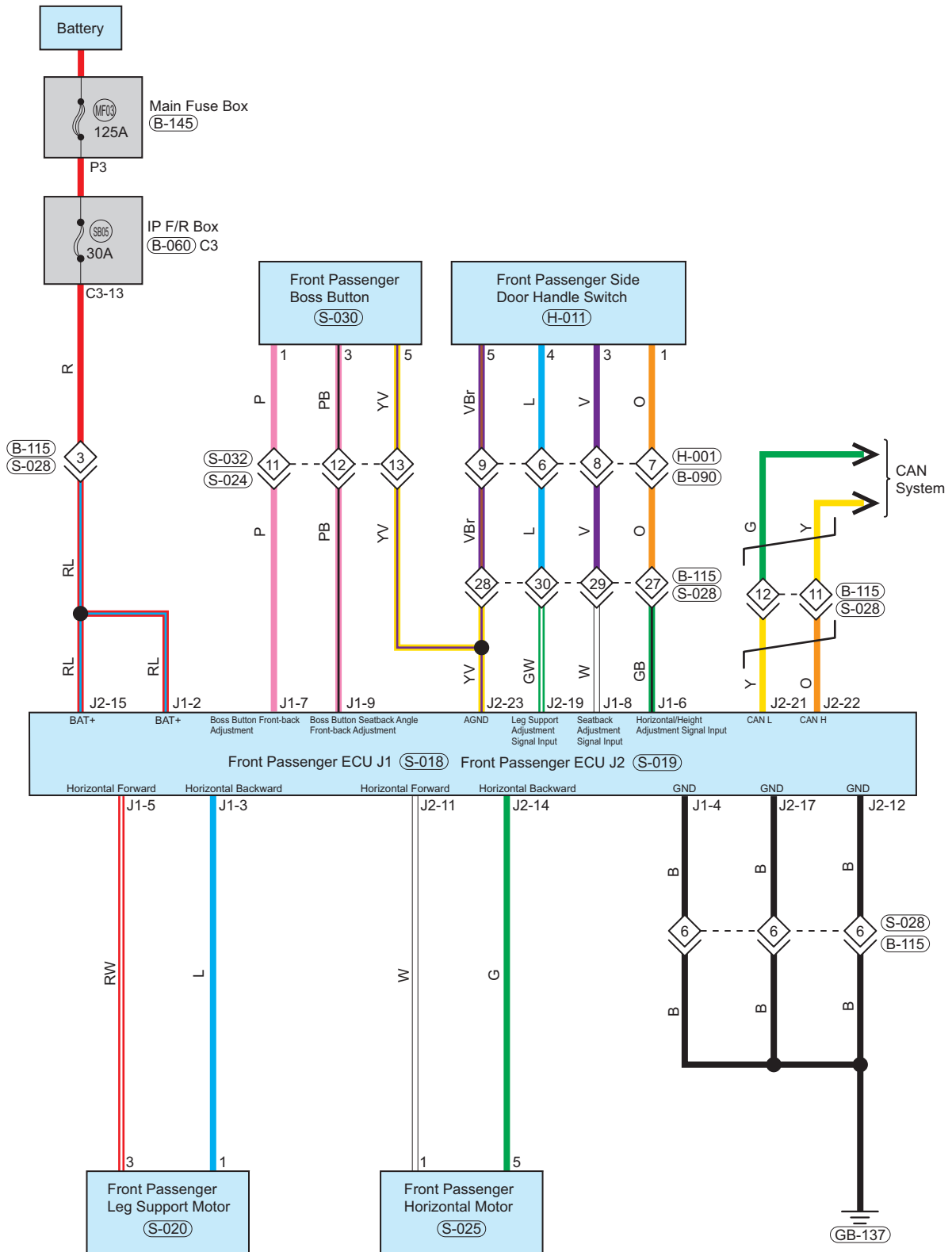
Seat



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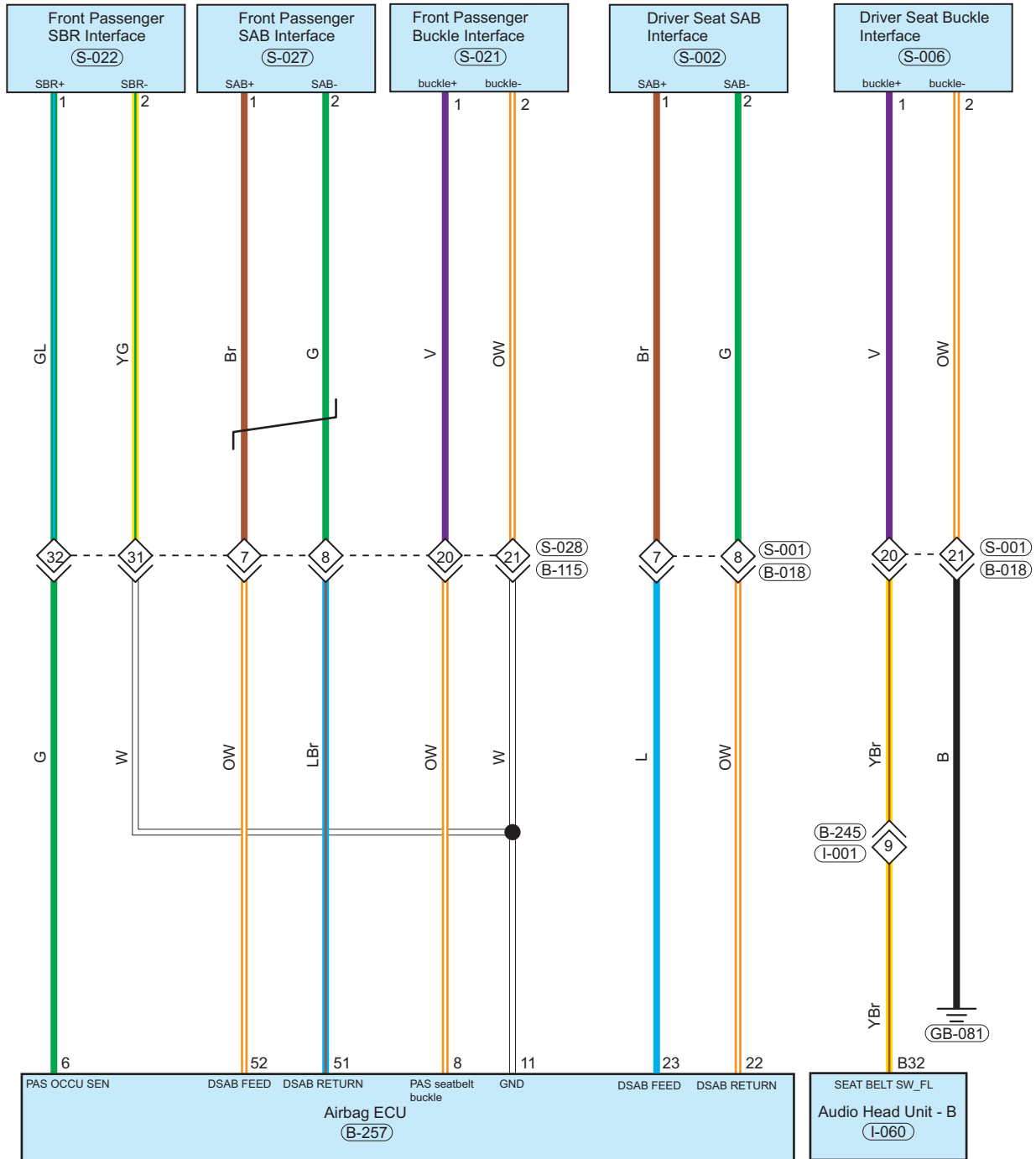
SEE005001

Seat



SEE006001

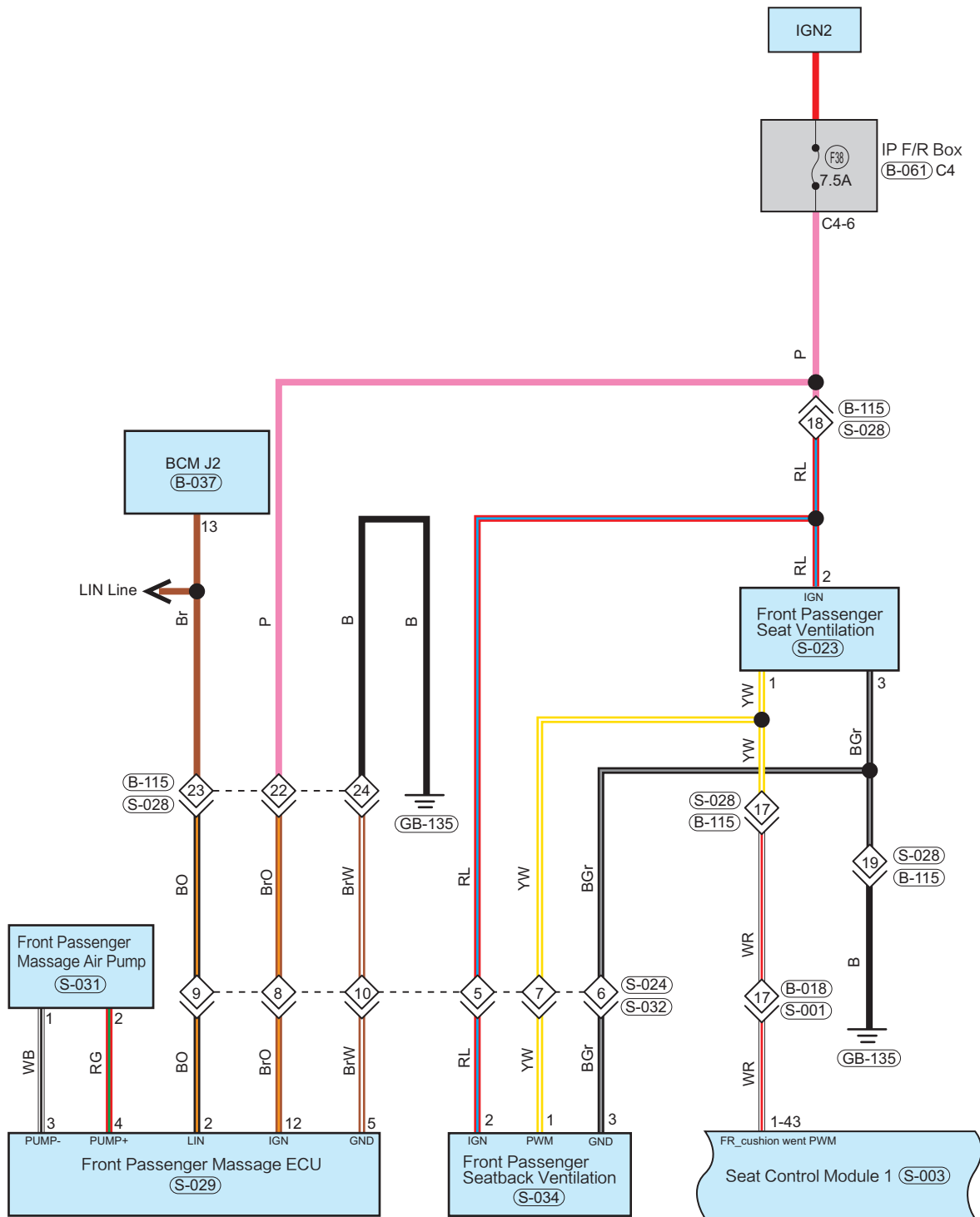
Seat



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SEE007001

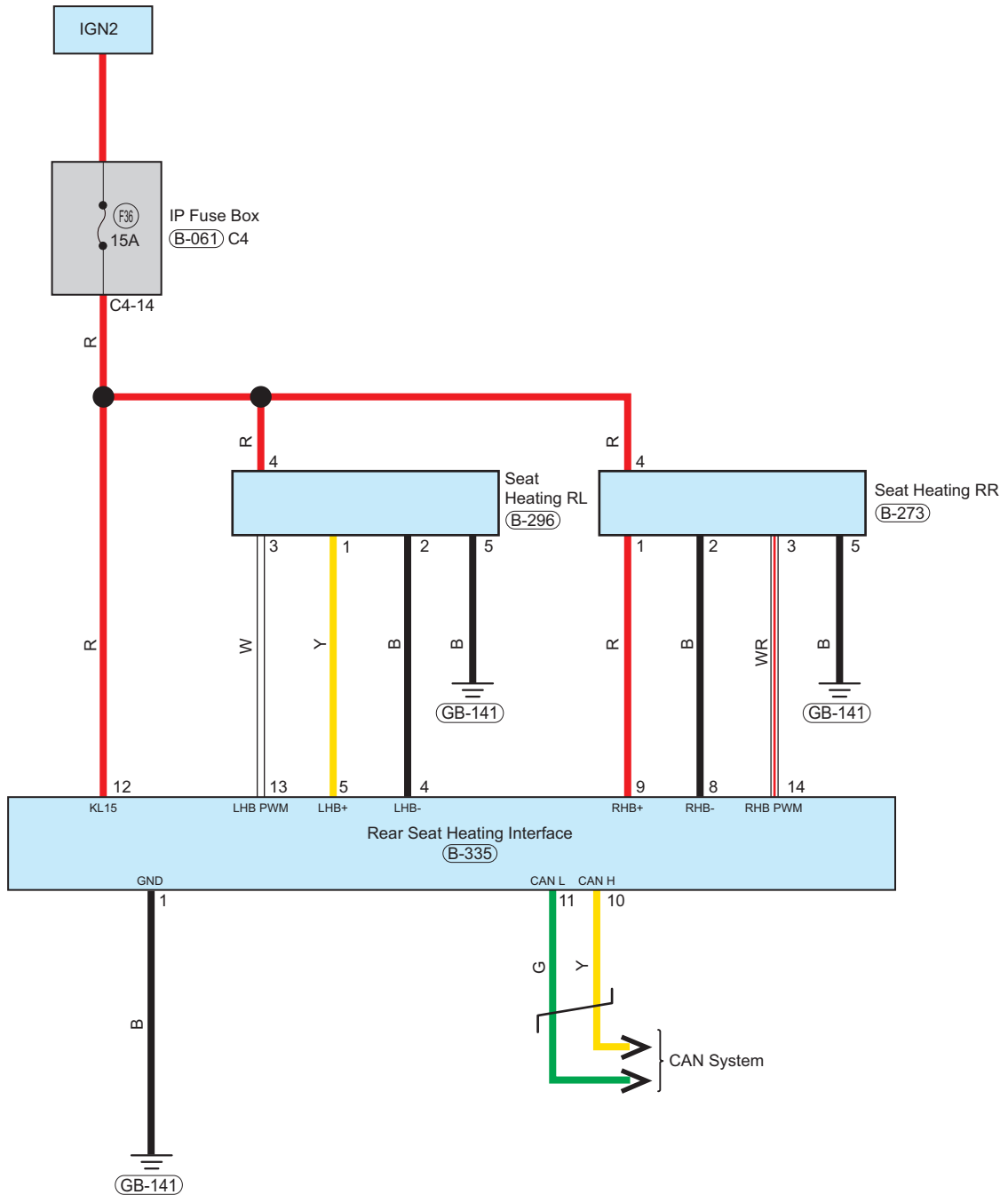
Seat



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SEE008001

Seat



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SEE009001

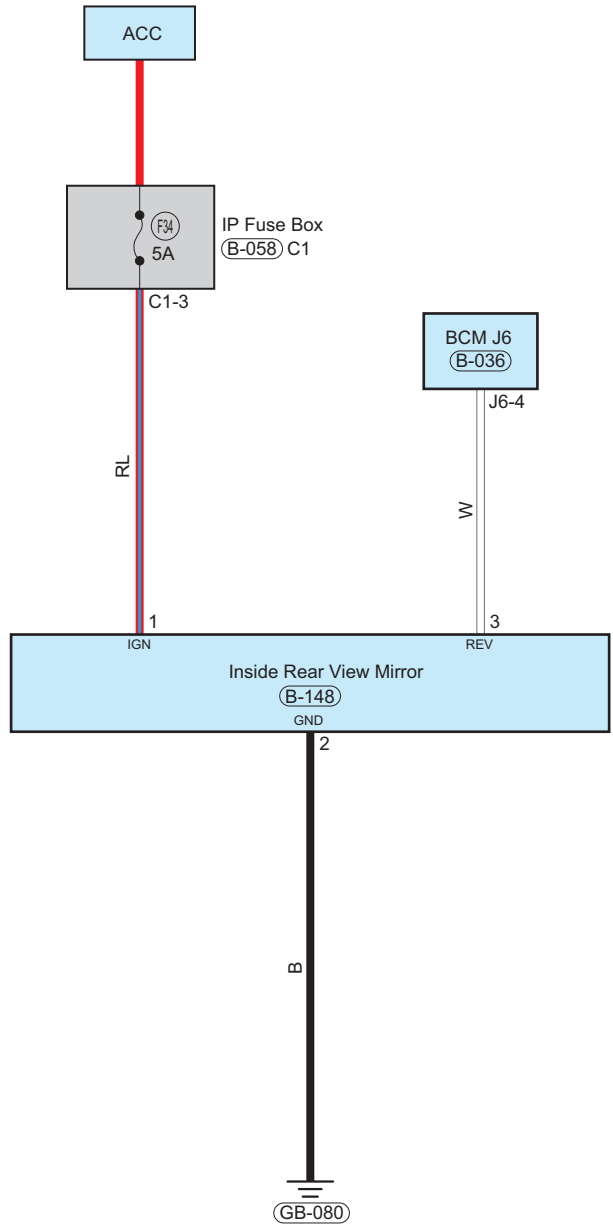
Seat

Wire Harness Connector	Name	Wire Harness Connector
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-018	Driver Seat to Interior Connector	10-34
B-037	Body Domain Control Module - J2	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-090	Interior Wire Harness to Front Right Door Wire Harness 1	10-41
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-115	Front Passenger Seat	10-40
B-257	Airbag ECU	10-42
B-259	Amplifier 1	10-45
B-273	Rear Seat Heating	10-49
B-296	Rear Left Seat Heating	10-61
B-335	Rear Seat Heating Interface	10-56
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-003	Left Outside Rear View Mirror	10-99
F-008	Driver Glass Switch	10-99
F-018	Driver Seat Switch	10-99
GB-081	Ground Point G2.5	10-34
GB-135	Ground Point G2.14	10-40
GB-137	Ground Point G2.17	10-40
GB-141	Ground Point G2.21	10-37
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-007	Right Outside Rear View Mirror	10-101
H-011	Front Passenger Side Door Handle Switch	10-101
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-060	Audio Head Unit - B	10-83

Wire Harness Connector	Name	Wire Harness Connector
S-001	Driver Seat to Interior Wire Harness	10-122
S-002	Driver Seat SAB Interface	10-122
S-003	Seat Control Module 1	10-122
S-004	Seat Control Module 2	10-122
S-005	Driver Seat Heating Pad	10-122
S-006	Driver Seat Buckle Interface	10-122
S-007	Driver Horizontal Motor	10-122
S-008	Driver Seat Cushion Ventilation Interface	10-122
S-009	Driver Seatback Adapter 1	10-122
S-010	Driver Raising Motor	10-122
S-011	Lumbar Support Switch	10-122
S-012	Driver Seat Massage/Lumbar Support ECU Interface	10-123
S-013	Driver Seat Massage Air Pump Interface	10-123
S-014	Driver Seatback Adapter 2	10-123
S-016	Driver Head Restraint Audio	10-123
S-017	Driver Seatback Ventilation Interface	10-123
S-018	Front Passenger ECU J1 Interface	10-124
S-019	Front Passenger ECU J2 Interface	10-124
S-020	Front Passenger Leg Support Motor Interface	10-124
S-021	Front Passenger BUCKLE Interface	10-124
S-022	Front Passenger SBR Interface	10-124
S-023	Front Passenger Seat Ventilation	10-124
S-024	Front Passenger Adapter Interface 1	10-124
S-025	Front Passenger Horizontal Motor Interface	10-124
S-026	Front Passenger Seat Cushion Heating	10-124
S-027	Front Passenger SAB Interface	10-124
S-028	Front Passenger Seat to Interior Wire Harness	10-124
S-029	Front Passenger Massage ECU	10-125

Wire Harness Connector	Name	Wire Harness Connector
S-030	Front Passenger Boss Button Interface	10-125
S-031	Front Passenger Massage Air Pump Interface	10-125
S-032	Front Passenger Adapter Interface 2	10-125
S-034	Front Passenger Seatback Ventilation	10-125

Inside Rear View Mirror



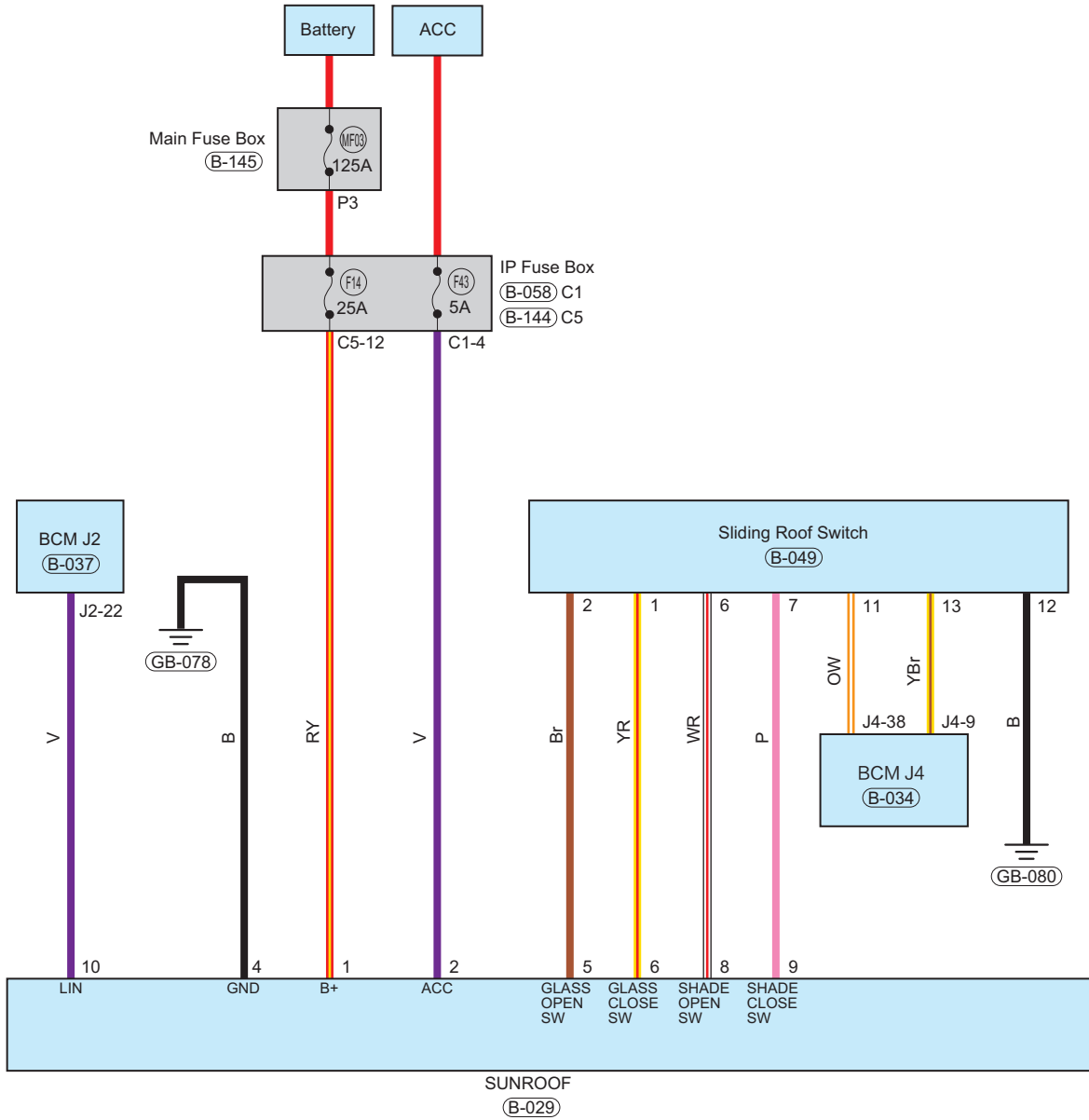
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Inside Rear View Mirror

Wire Harness Connector	Name	Wire Harness Connector
B-036	Body Domain Control Module - J6	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-148	Inside Rear View Mirror	10-44
GB-080	Ground	10-34

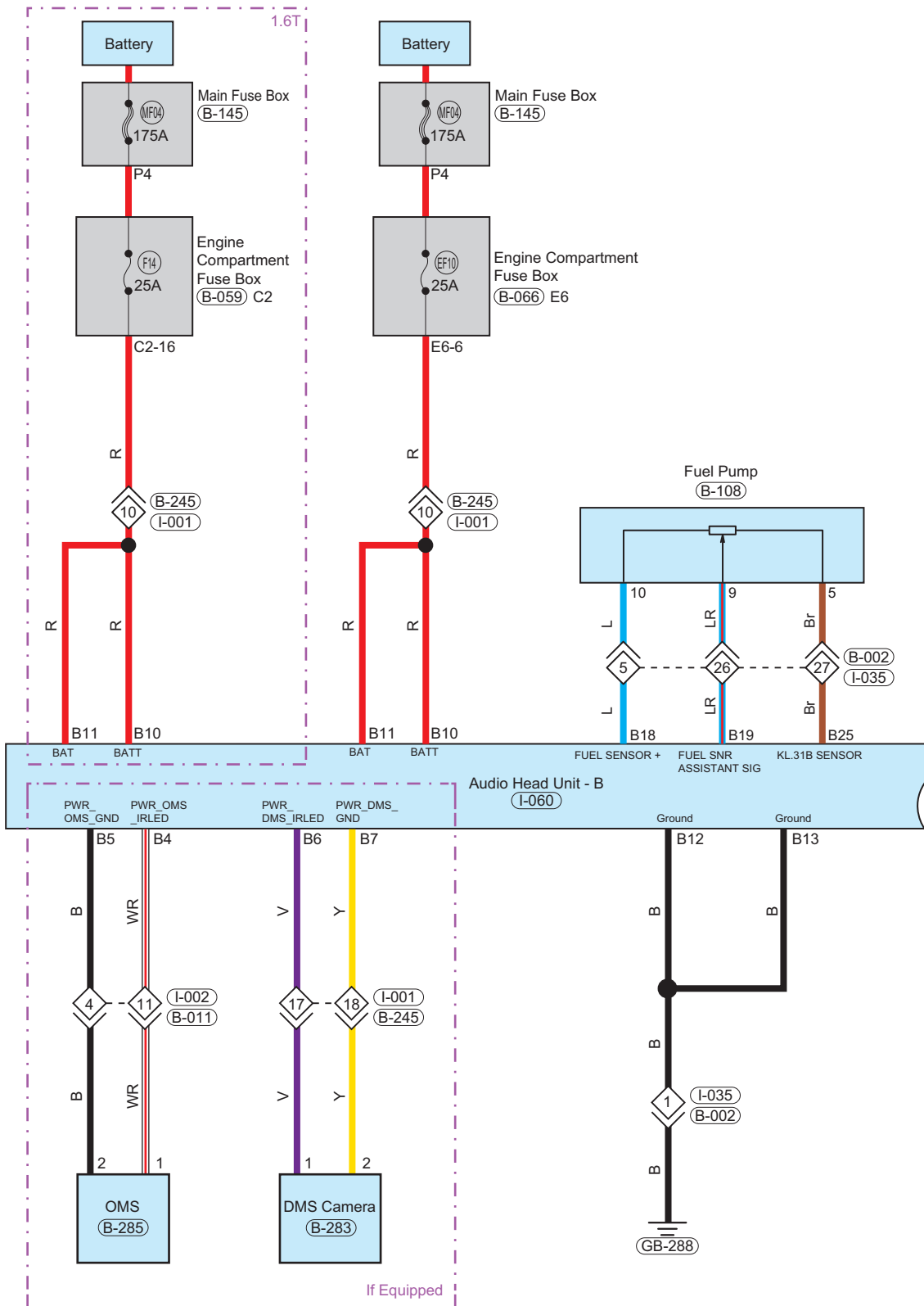
Sunroof



Sunroof

Wire Harness Connector	Name	Wire Harness Connector
B-029	Sunroof Wire Harness Interface	10-44
B-034	Body Domain Control Module - J4	10-32
B-037	Body Domain Control Module - J2	10-32
B-049	Sunroof Module	10-44
B-058	Instrument Panel Fuse Box - 1	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
GB-078	Ground Point G2.1	10-32
GB-080	Ground Point G2.4	10-34

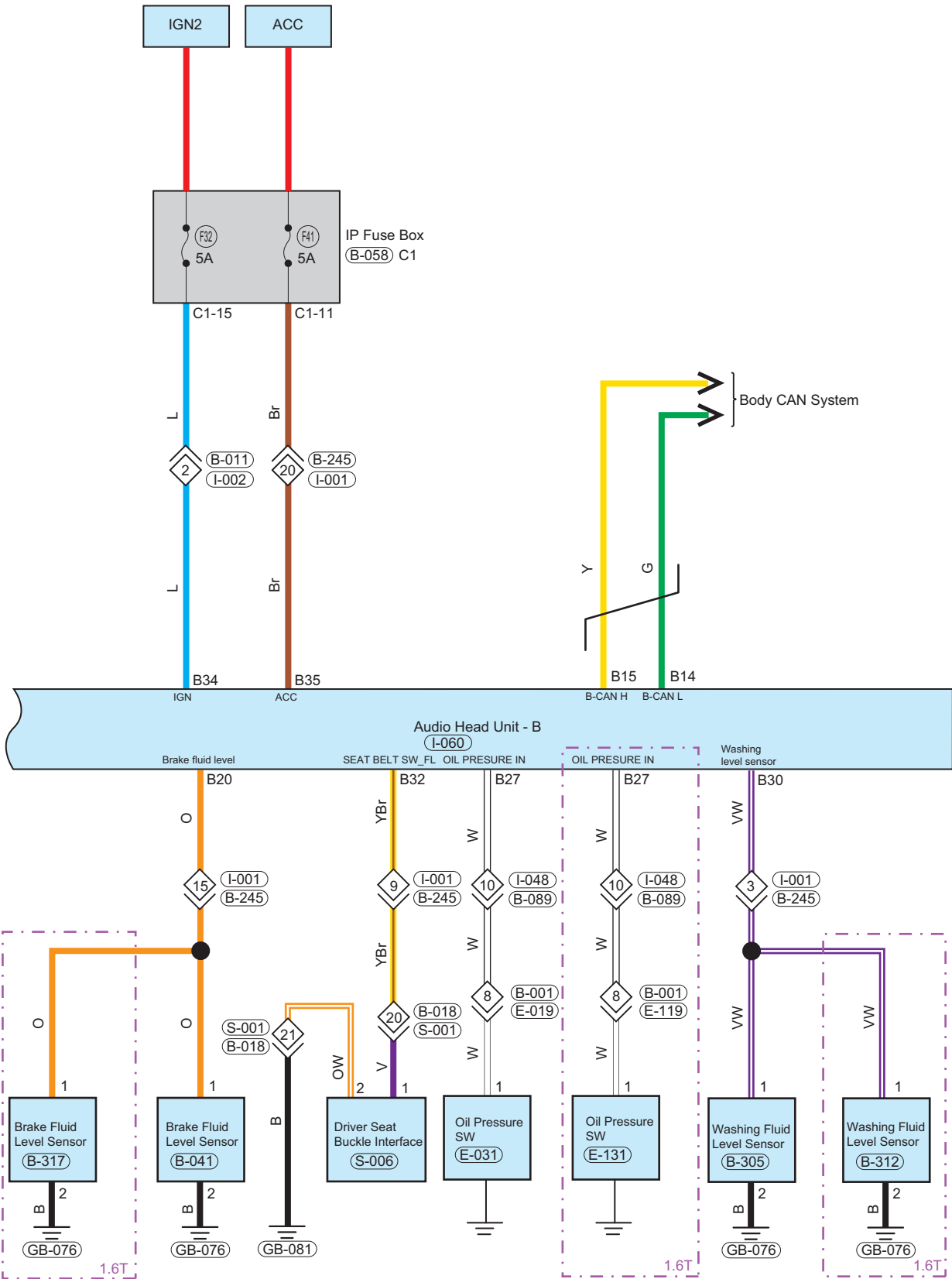
Domain Controller (Instrument Panel/Audio)



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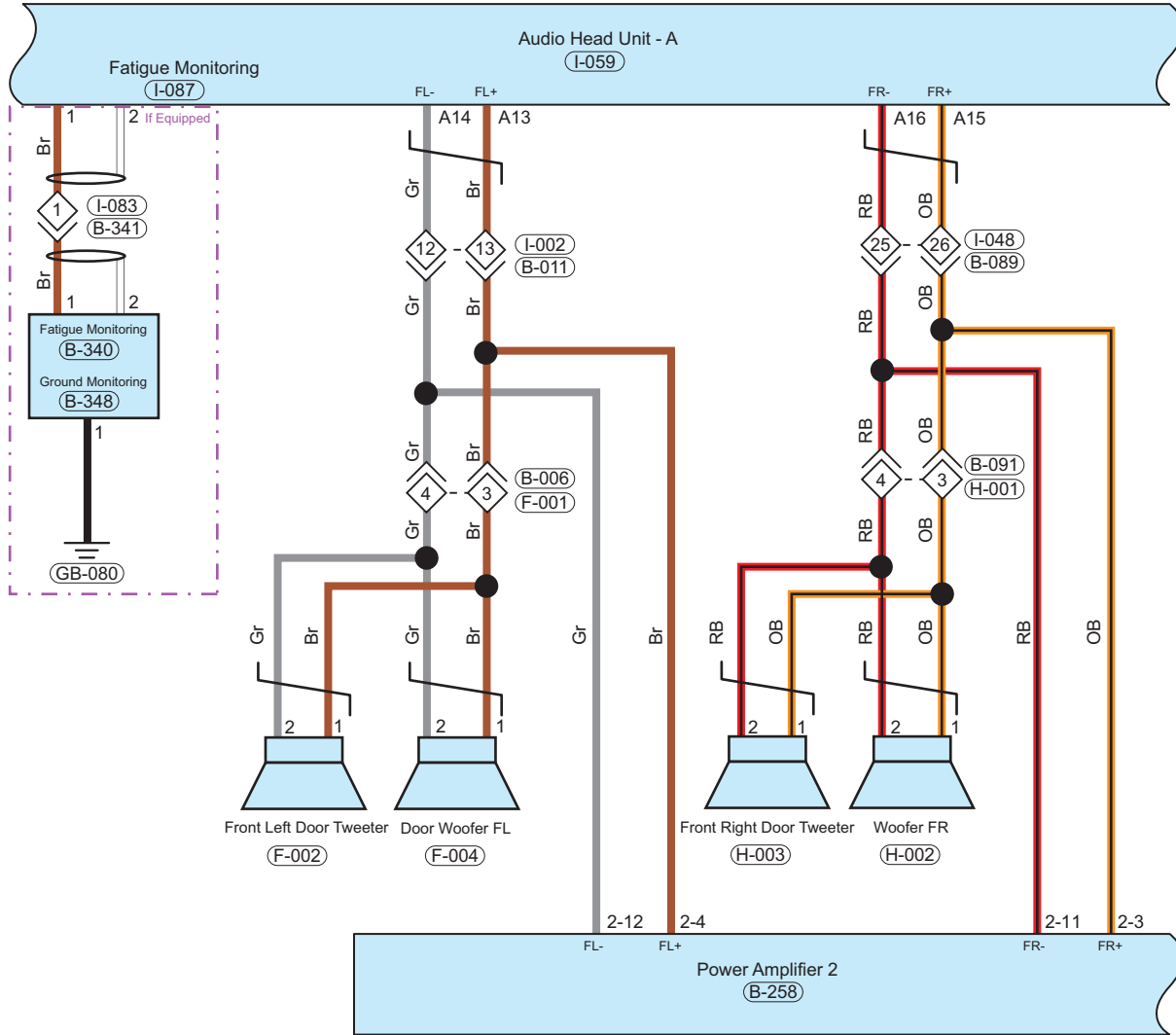
Domain Controller (Instrument Panel/Audio)



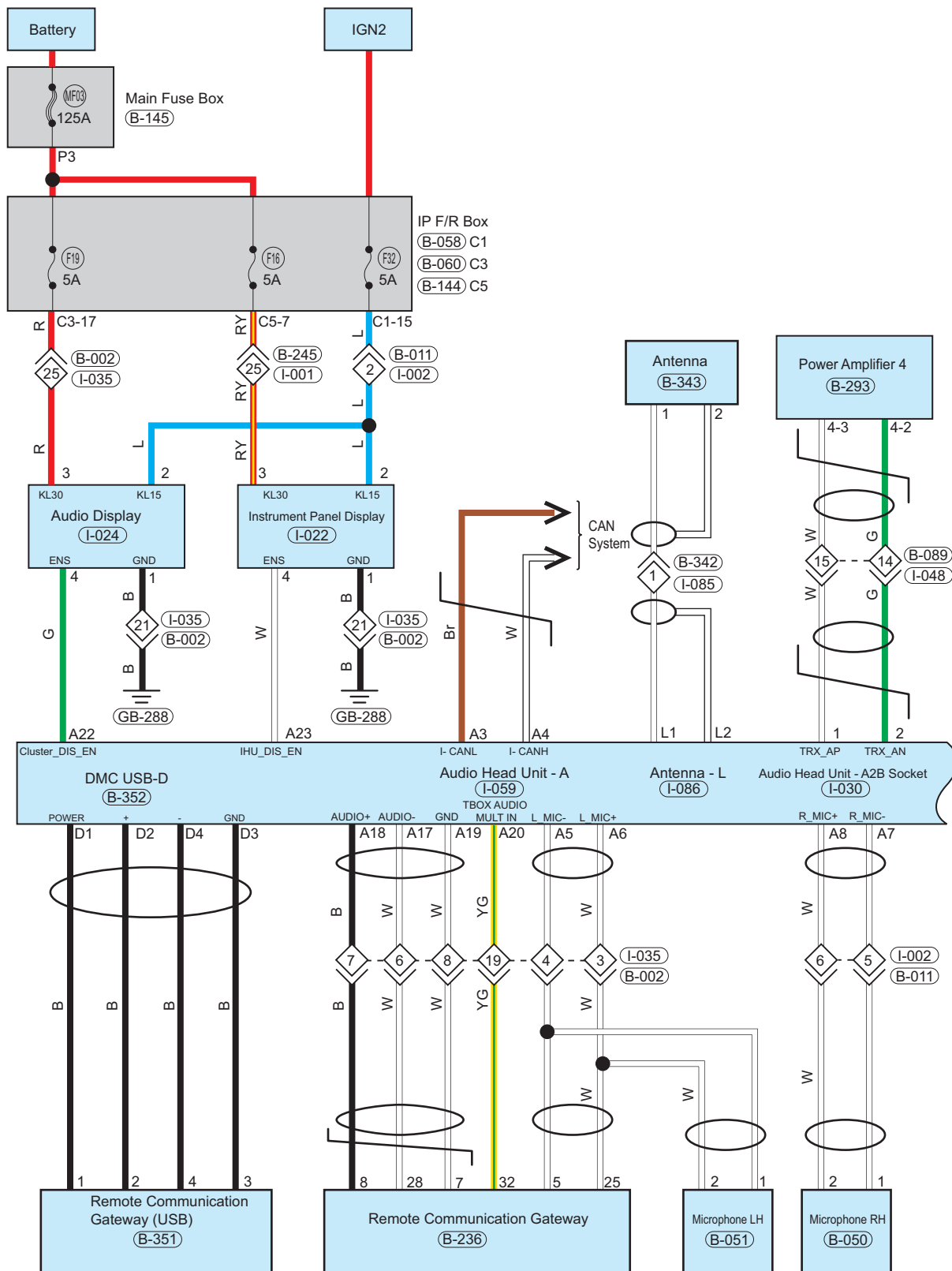
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Domain Controller (Instrument Panel/Audio)

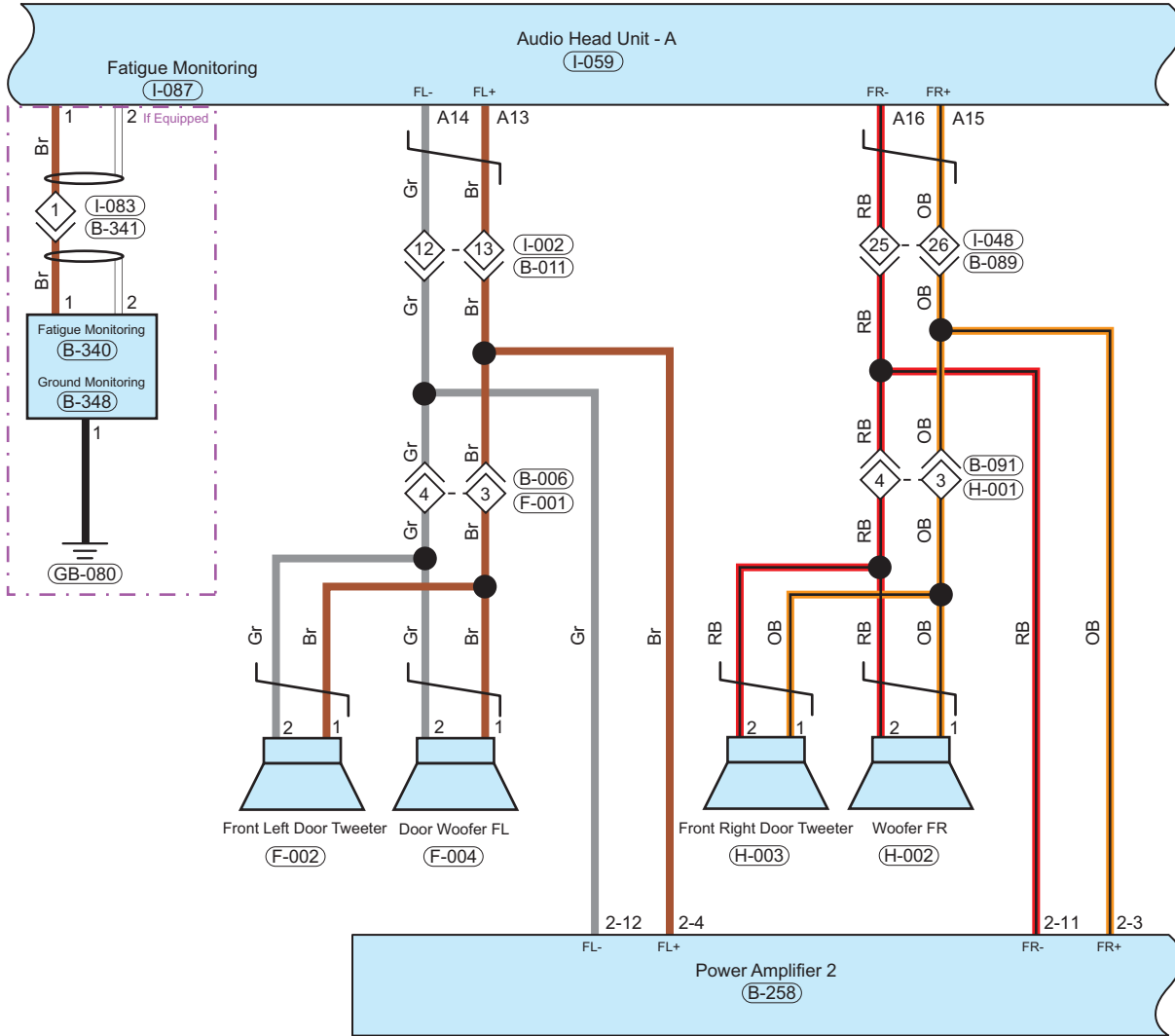


Domain Controller (Instrument Panel/Audio)

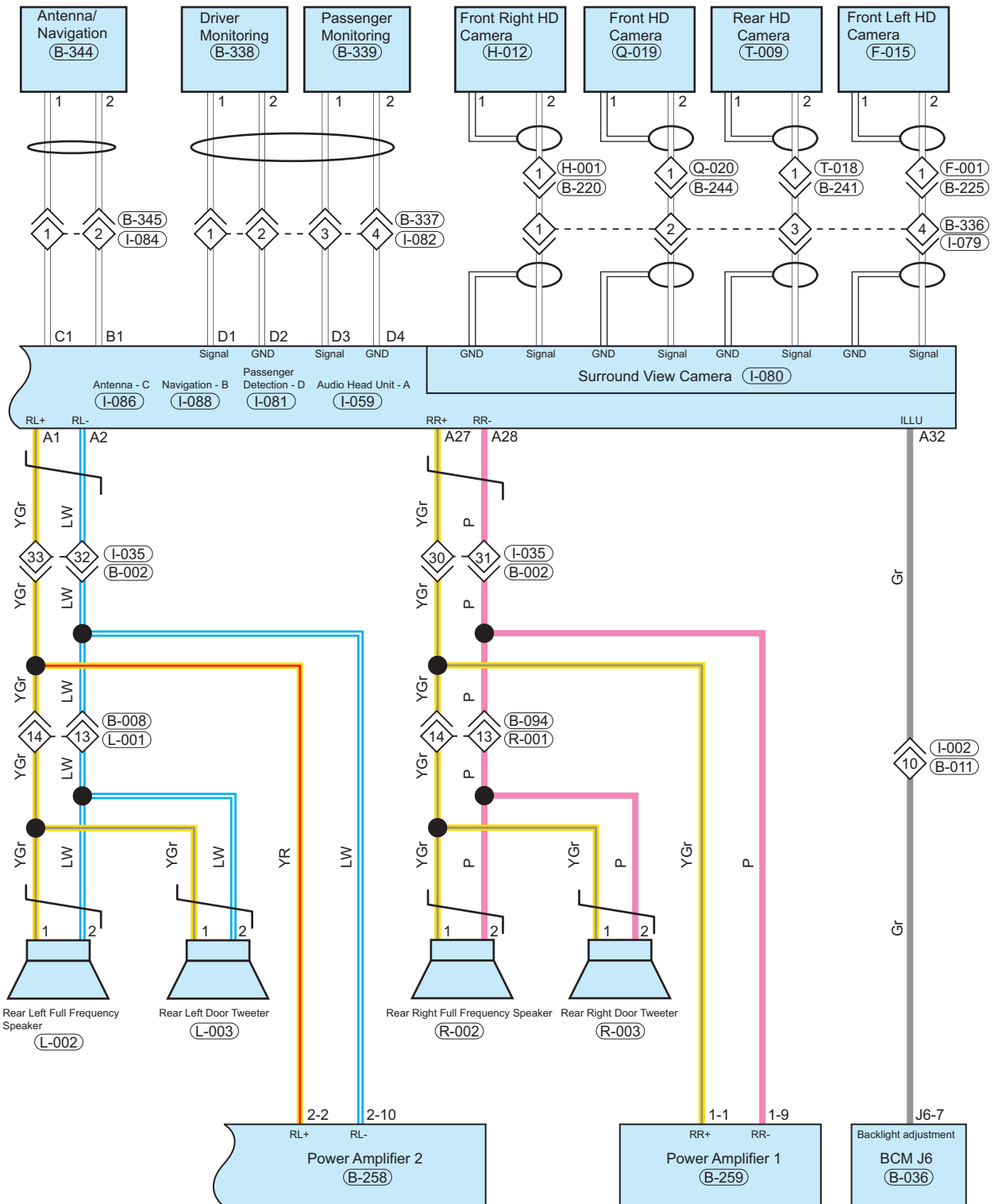


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Domain Controller (Instrument Panel/Audio)



Domain Controller (Instrument Panel/Audio)



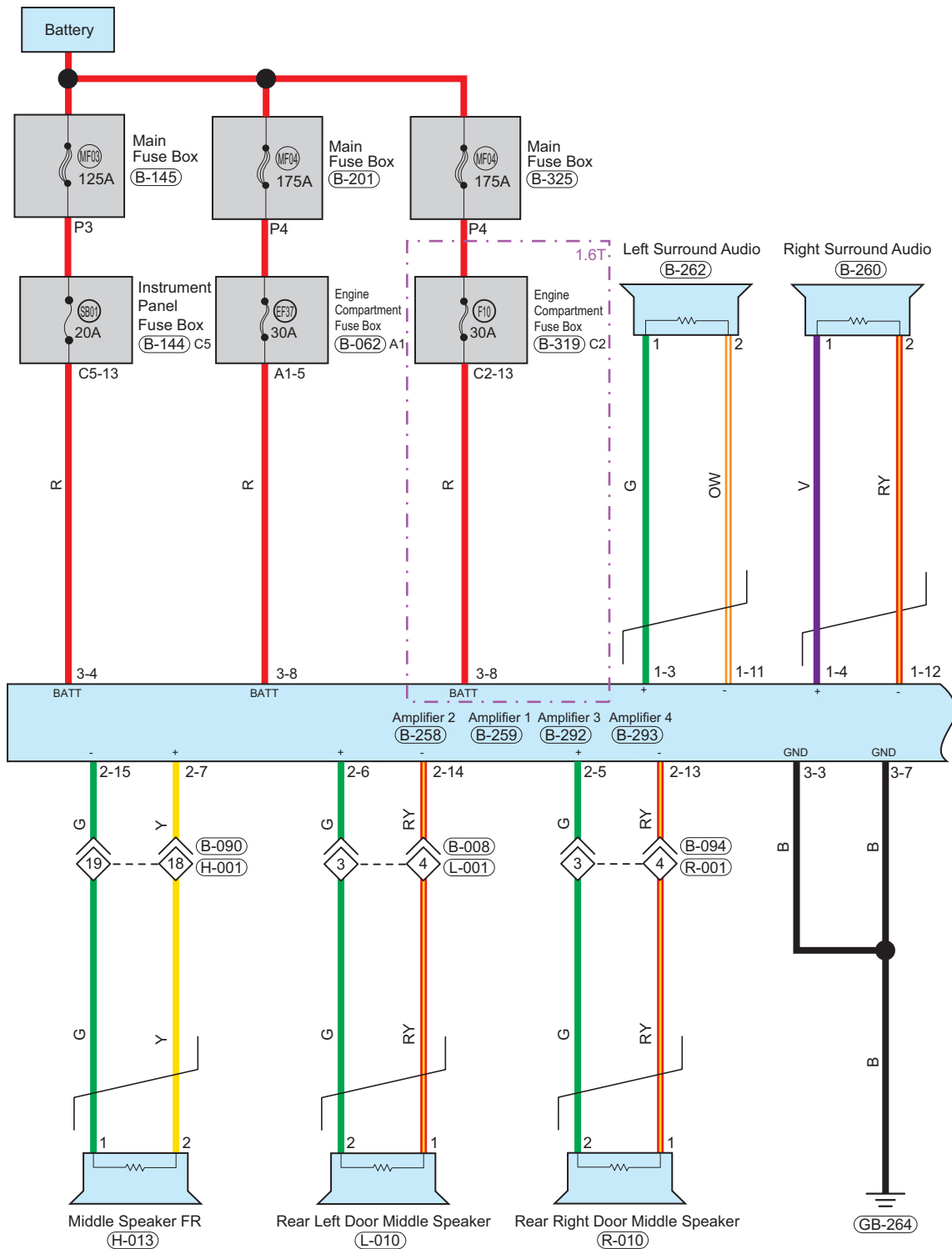
Domain Controller (Instrument Panel/Audio)

Wire Harness Connector	Name	Wire Harness Connector
B-001	Interior Wire Harness to Engine Wire Harness	10-29
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-011	Interior Wire Harness to Instrument Panel Wire Harness 3	10-32
B-018	Driver Seat to Interior Connector	10-34
B-041	Brake Fluid Level Sensor	10-29
B-050	Right Microphone	10-44
B-051	Left Microphone	10-44
B-058	Instrument Panel Fuse Box - 1	10-32
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
B-124	Back Door Controller - A	10-37
B-144	Instrument Panel Fuse Box - 5	10-32
B-236	Remote Communication Gateway	10-42
B-239	Radio Antenna/GPS Antenna	10-36
B-258	Amplifier 2	10-45
B-259	Amplifier 1	10-45
B-283	DMS Camera	10-53
B-285	OMS	10-54
B-305	Washing Fluid Level Sensor	10-51
B-312	Washing Fluid Level Sensor	10-51
B-317	Brake Fluid Level Sensor	10-62
B-337	Personnel Monitoring Camera to Instrument Panel Wire Harness	10-53
B-338	Driver Monitoring Camera	10-53
B-339	Passenger Monitoring Camera	10-54
B-340	Fatigue Monitoring Camera	10-54
B-341	Fatigue Monitoring Camera to Instrument Panel Wire Harness	10-53

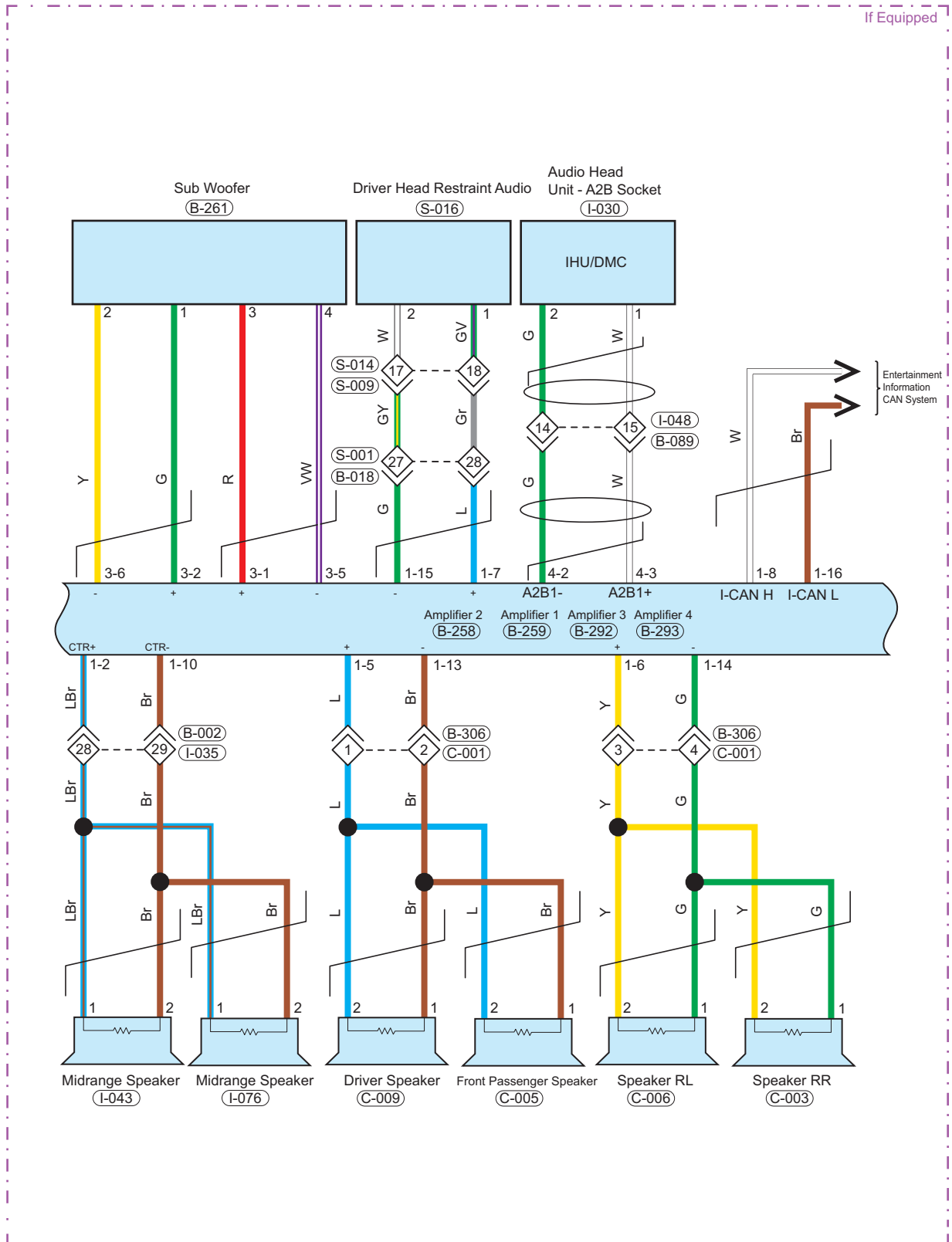
Wire Harness Connector	Name	Wire Harness Connector
B-342	Antenna to Instrument Panel Wire Harness	10-60
B-343	Antenna	10-57
B-344	Beidou Navigation	10-57
B-345	Beidou Navigation to Instrument Panel Wire Harness	10-60
B-348	Ground Monitoring	10-54
E-019	Engine to Interior Wire Harness	10-2
E-031	Oil Pressure Switch	10-2
E-119	Engine to Interior Wire Harness (1.6T)	10-10
E-131	Oil Pressure Switch (1.6T)	10-8
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-002	Front Left Door Tweeter	10-99
F-004	Front Left Door Woofer	10-99
GB-076	Ground Point G1.4	10-29
GB-080	Ground Point G2.4	10-34
GB-081	Ground Point G2.5	10-34
GB-288	Ground Point G2.12	10-55
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-002	Front Right Door Woofer	10-101
H-003	Front Right Door Tweeter	10-101
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-022	Instrument Panel Display	10-87
I-024	Audio Display	10-83
I-030	Audio Head Unit - A2B Socket	10-83
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-059	Audio Head Unit - A	10-83
I-060	Audio Head Unit - B	10-83
I-079	Instrument Panel to Interior Panoramic View Wire Harness	10-94
I-080	Surround View Camera	10-92

Wire Harness Connector	Name	Wire Harness Connector
I-081	Personnel Monitoring Four-in-one Antenna	10-92
I-082	Instrument Panel to Interior Personnel Monitoring Four-in-one Antenna Wire Harness	10-92
I-083	Instrument Panel to Interior Fatigue Monitoring Wire Harness	10-92
I-084	Navigation Camera to Interior Wire Harness	10-94
I-085	Antenna to Interior Wire Harness	10-94
I-086	Antenna	10-94
I-087	Fatigue Monitoring	10-94
L-001	Interior to Rear Left Door Wire Harness	10-104
L-002	Rear Left Full Frequency Speaker	10-104
L-003	Rear Left Tweeter	10-104
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-002	Rear Right Full Frequency Speaker	10-107
R-003	Rear Right Tweeter	10-107
S-001	Driver Seat to Interior Wire Harness	10-122
S-006	Driver Seat BUCKLE Interface	10-122

Power Amplifier



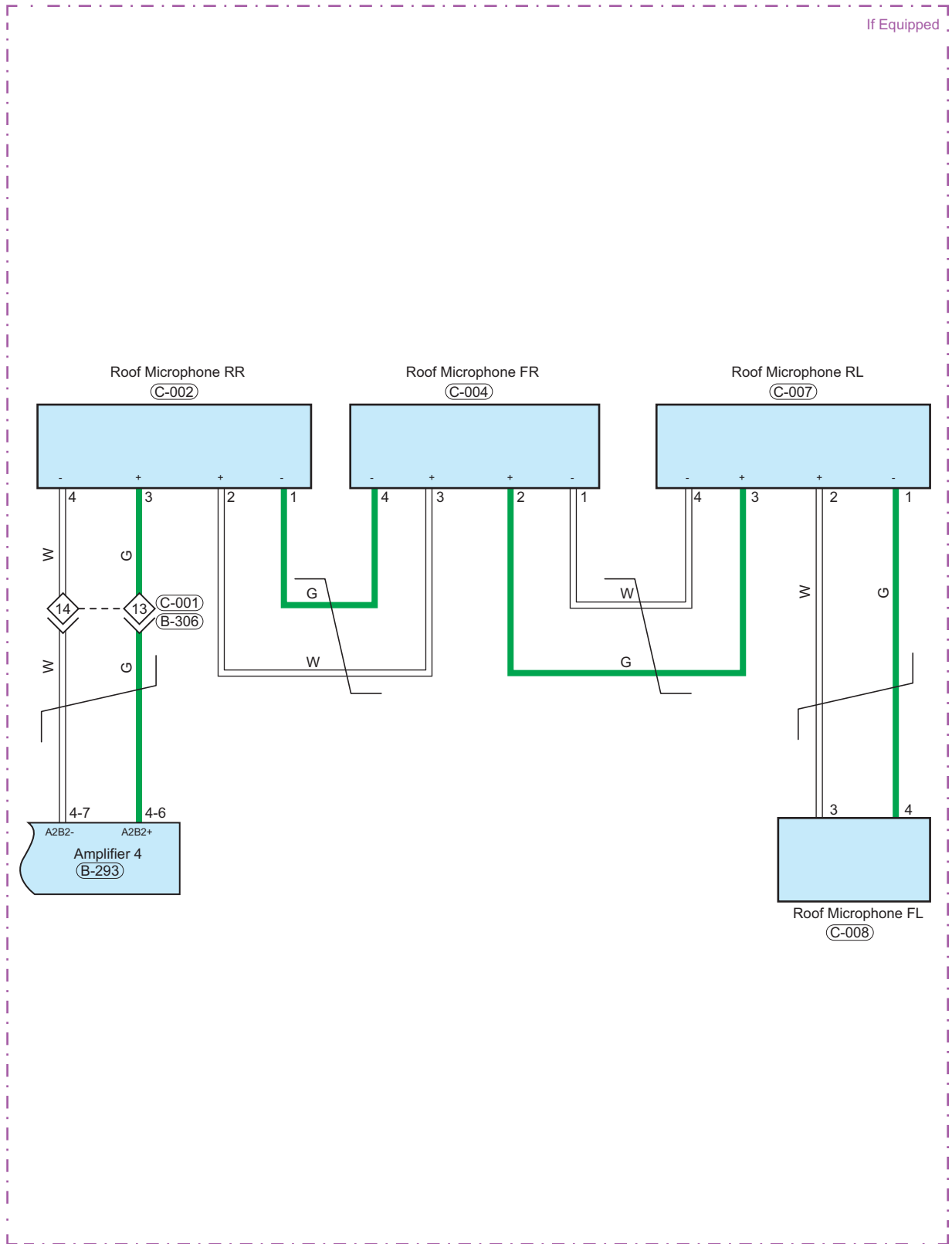
Power Amplifier



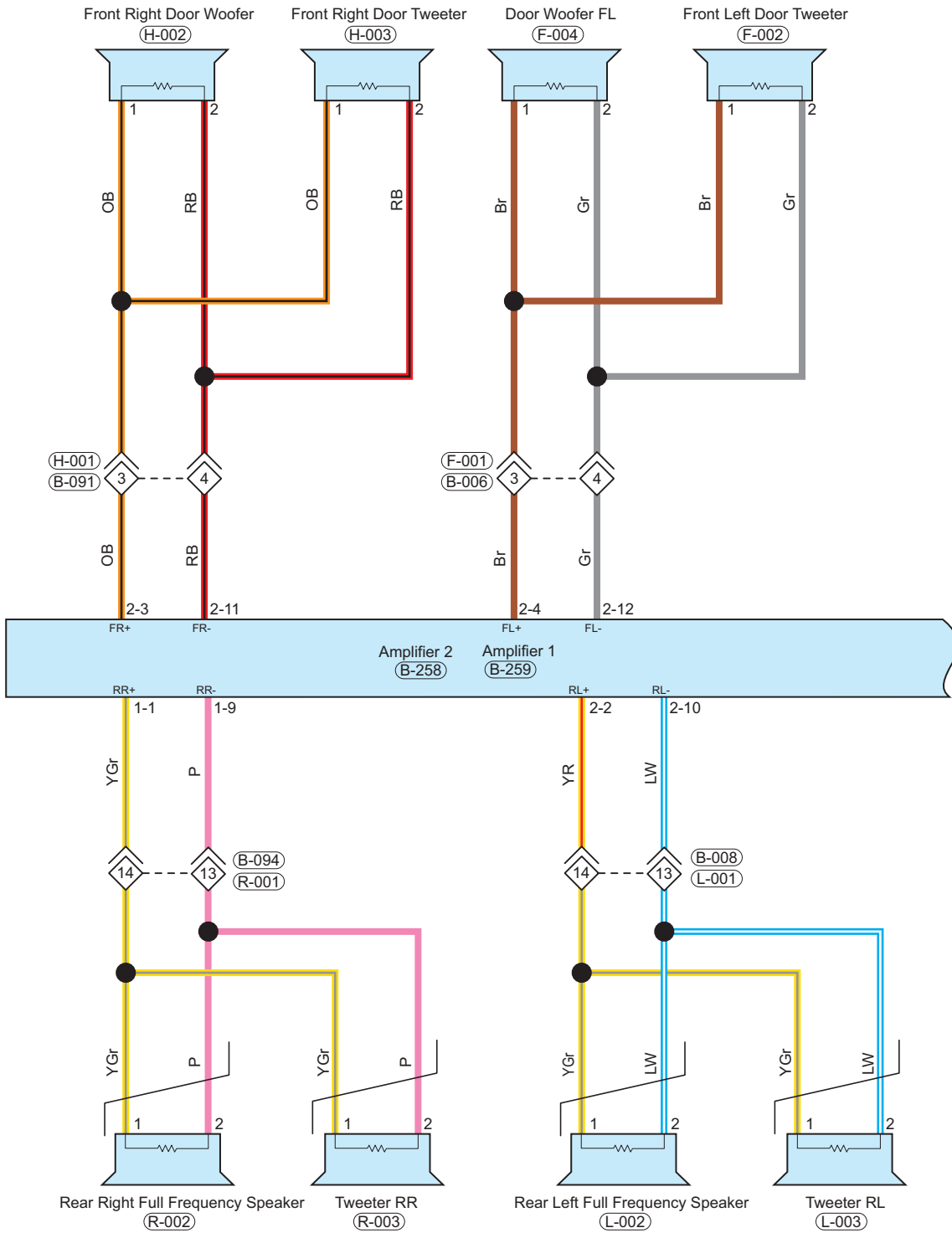
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Power Amplifier



Power Amplifier

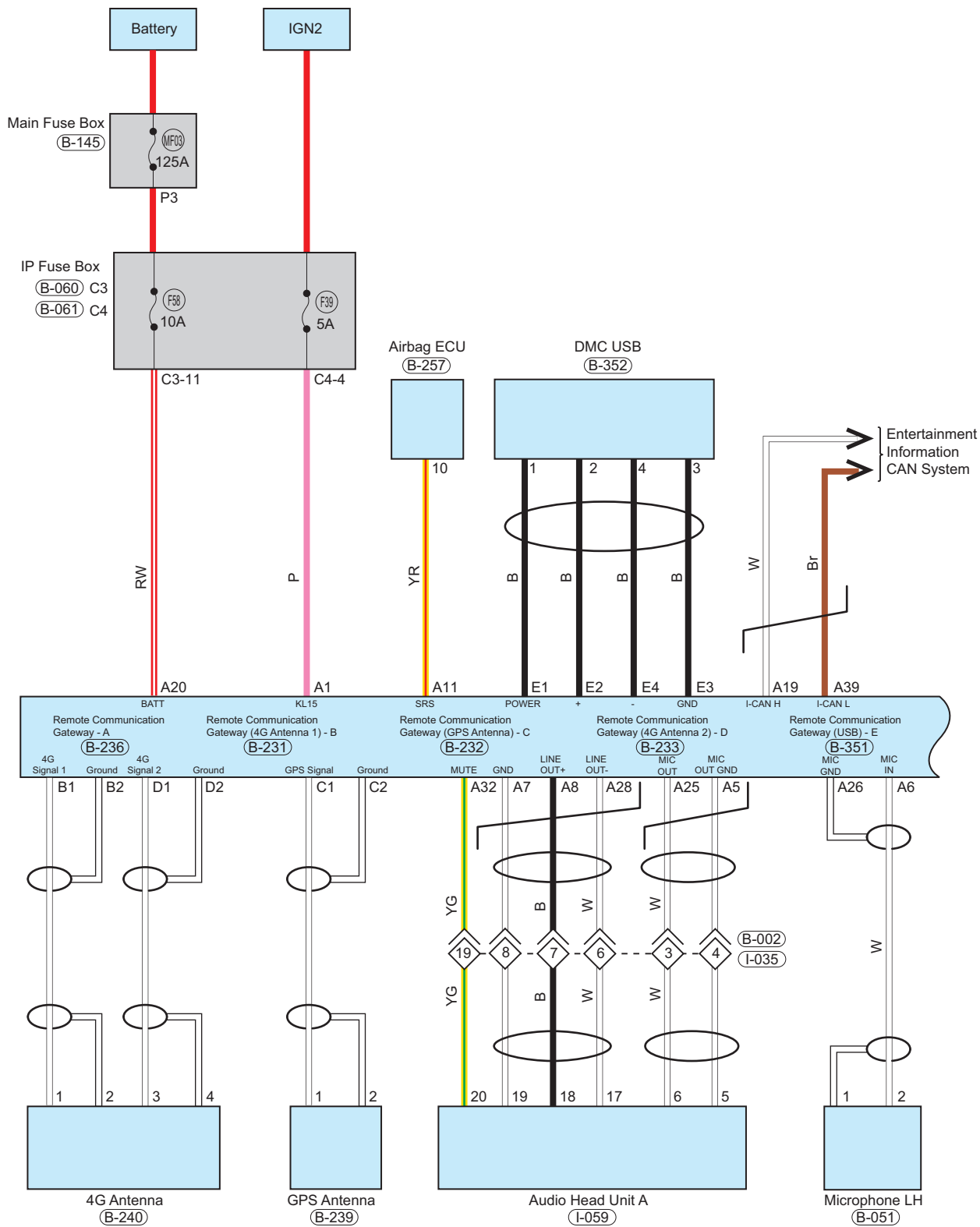


Power Amplifier

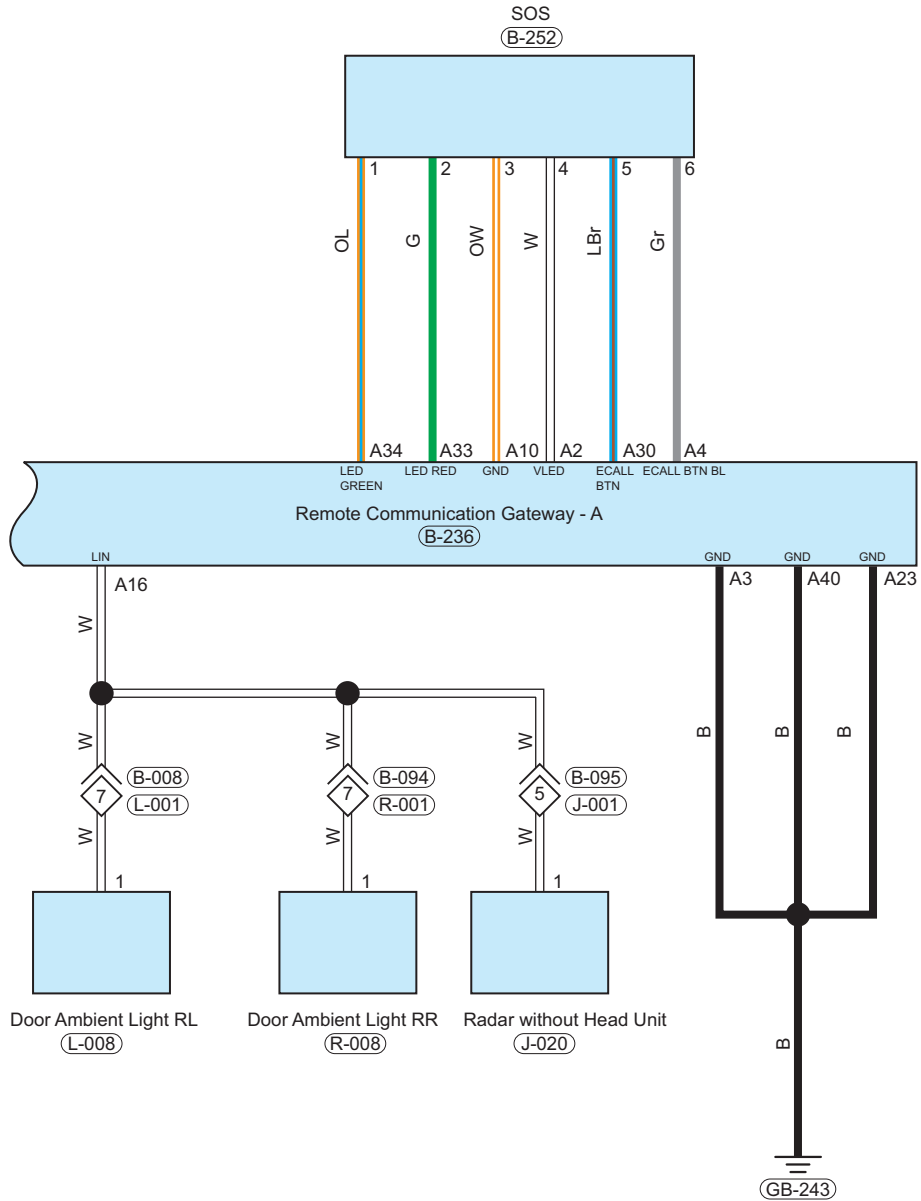
Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-005	Interior Wire Harness to Front Left Door Wire Harness 1	10-32
B-008	Interior to Rear Left Door Wire Harness	10-34
B-018	Driver Seat to Interior Connector	10-34
B-062	Engine Compartment Fuse Box - 1	10-29
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
B-144	Instrument Panel Fuse Box - 5	10-32
B-258	Amplifier 2	10-45
B-259	Amplifier 1	10-45
B-260	Right Surround Audio	10-45
B-261	Sub Woofer	10-46
B-262	Left Surround Audio	10-46
B-292	Amplifier 3	10-58
B-293	Amplifier 4	10-58
B-306	To Roof Wire Harness	10-57
C-001	Roof to Main Wire Harness	10-117
C-002	Roof Rear Microphone Right	10-117
C-003	Rear Right Speaker	10-117
C-004	Roof Front Microphone Right	10-117
C-005	Front Passenger Speaker	10-117
C-006	Speaker RL	10-117
C-007	Roof Rear Microphone Left	10-117
C-008	Roof Front Microphone Left	10-117
C-009	Driver Speaker	10-117
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-020	Front Left Middle Speaker	10-99
GB-264	Ground Point G2.19	10-37
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101

Wire Harness Connector	Name	Wire Harness Connector
H-013	Front Right Middle Speaker	10-102
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-030	Audio Head Unit - A2B Socket	10-83
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-043	Midrange Speaker	10-83
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-075	USB Charging + Type-C Interface	10-93
L-001	Interior to Rear Left Door Wire Harness	10-104
L-010	Rear Left Door Middle Speaker	10-105
R-001	Interior Wire Harness to Rear Right Door Wire Harness	10-107
R-010	Rear Right Door Middle Speaker	10-108
S-001	Driver Seat to Interior Wire Harness	10-122
S-009	Driver Seatback Adapter 1	10-122
S-014	Driver Seatback Adapter 2	10-123
S-016	Driver Head Restraint Audio	10-123

Information Communication System (TBOX)



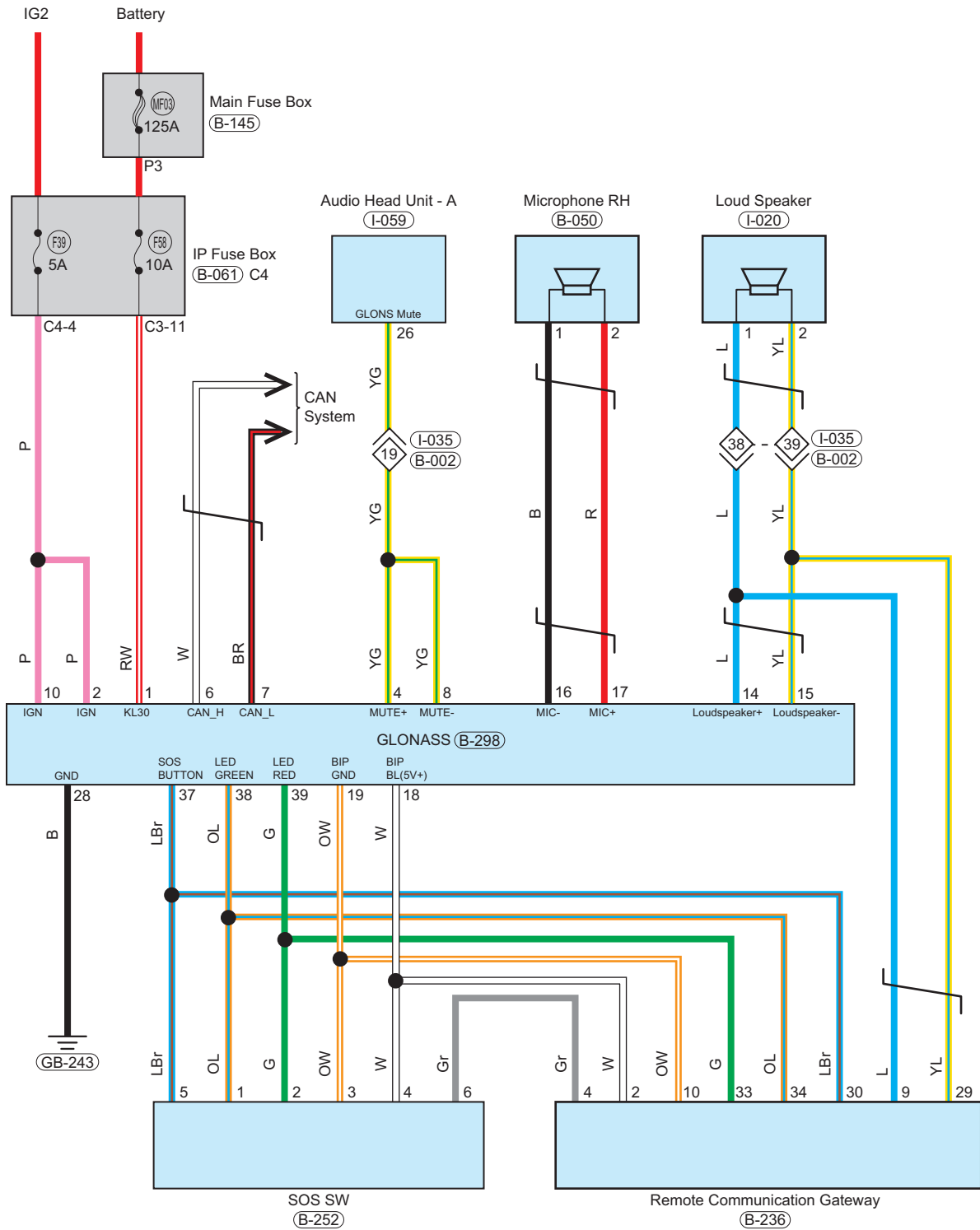
Information Communication System (TBOX)



Information Communication System (TBOX)

Wire Harness Connector	Name	Wire Harness Connector
B-008	Interior to Rear Left Door Wire Harness	10-34
B-051	Left Microphone	10-44
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-094	Interior Wire Harness to Rear Right Door Wire Harness	10-40
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-231	Remote Communication Gateway (4G Antenna 1)	10-42
B-232	Remote Communication Gateway (GPS Antenna)	10-42
B-233	Remote Communication Gateway (4G Antenna 2)	10-42
B-236	Remote Communication Gateway	10-42
B-239	Radio Antenna/GPS Antenna	10-36
B-240	4G Antenna	10-36
B-252	SOS SW	10-54
B-257	Airbag ECU	10-42
B-298	Glonass	10-56
GB-243	Ground Point G2.16	10-42
I-059	Audio Head Unit - A	10-83
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-020	Radar without Head Unit	10-27
L-008	Rear Left Door Ambient Light	10-104
R-008	Rear Right Door Ambient Light	10-107

GLONASS



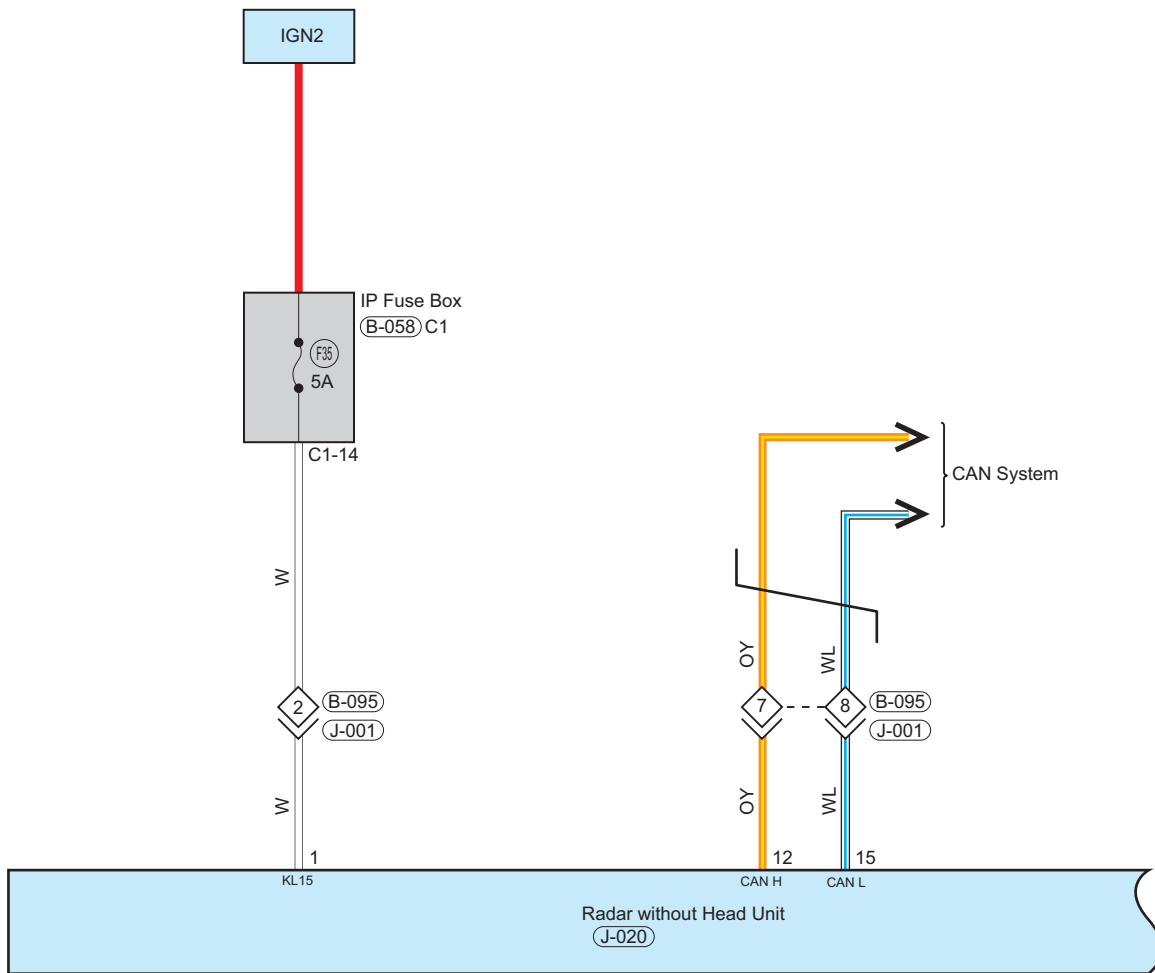
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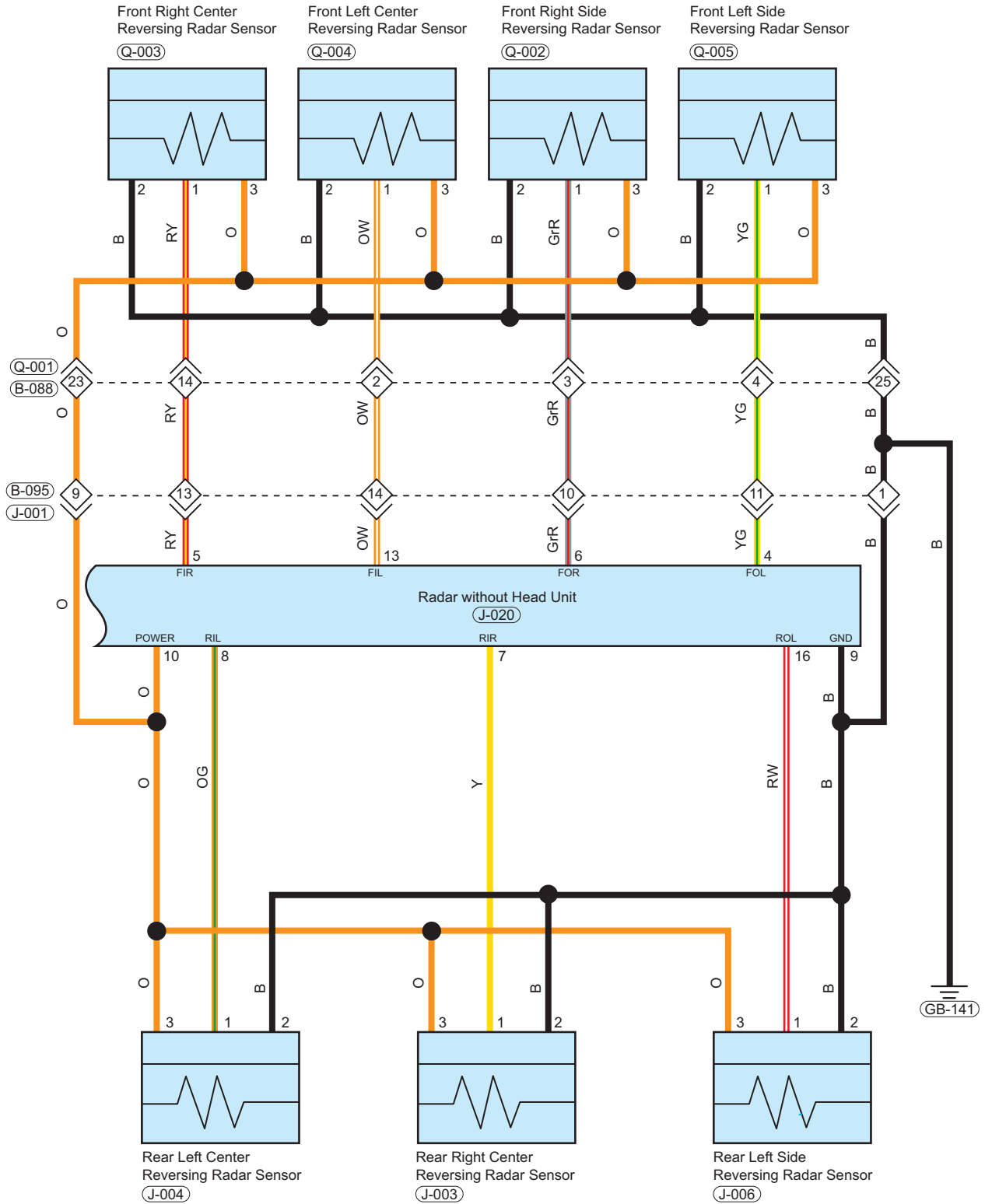
GLONASS

Wire Harness Connector	Name	Wire Harness Connector
I-020	Loud Speaker	10-90
I-035	IP to Interior Center Wire Harness	10-84
I-059	Audio Head Unit - A?	10-83
B-002	Interior Wire Harness to IP Wire Harness	10-32
B-050	Microphone RH	10-44
B-061	Instrument Panel Fuse Box - 4	10-32
B-236	Remote Communication Gateway	10-42
GB-243	Ground Point G2.16	10-42
B-252	SOS SW	10-54
B-298	GLONASS	10-56

Parking Radar Assist System (RADAR)



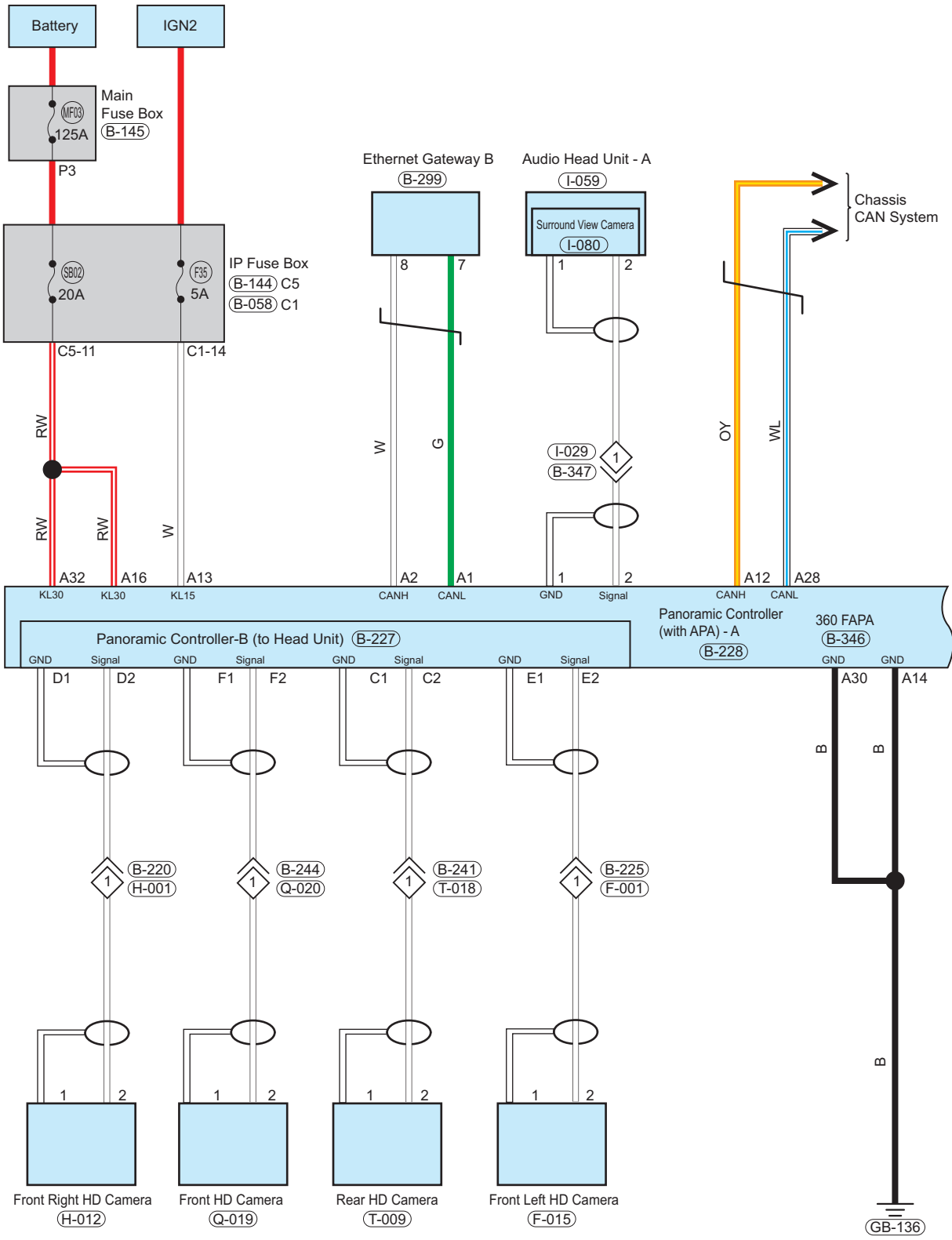
Parking Radar Assist System (RADAR)



Parking Radar Assist System (RADAR)

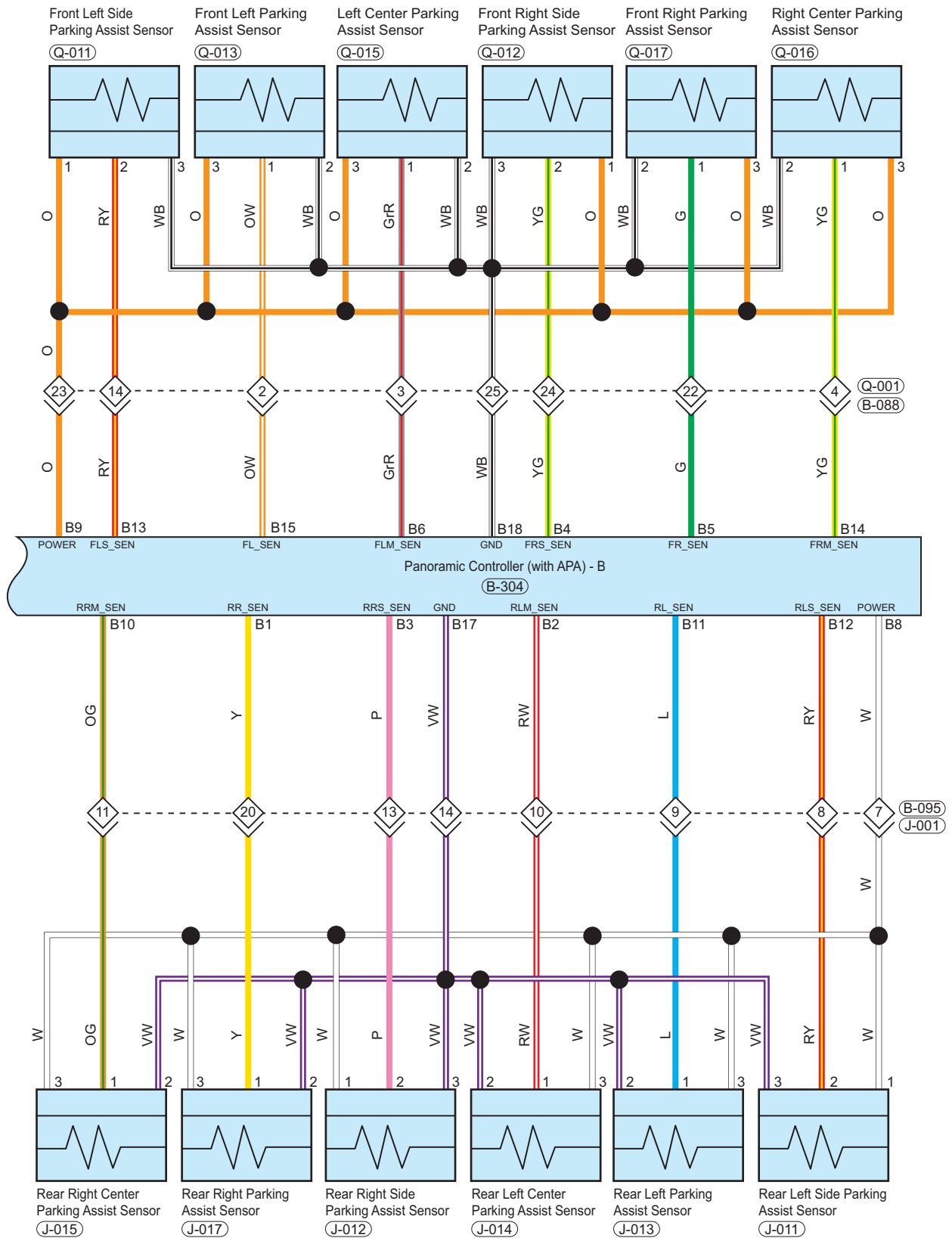
Wire Harness Connector	Name	Wire Harness Connector
B-058	Instrument Panel Fuse Box - 1	10-32
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-003	Right Center Reversing Radar Sensor	10-26
J-004	Left Center Reversing Radar Sensor	10-26
J-006	Left Reversing Radar Sensor	10-26
J-020	Radar without Head Unit	10-27
Q-001	Front Bumper Wire Harness to Interior Wire Harness	10-22
Q-002	Right Parking Radar Sensor	10-22
Q-003	Right Center Parking Radar Sensor	10-22
Q-004	Left Center Parking Radar Sensor	10-22
Q-005	Left Parking Radar Sensor	10-22

Panoramic View Monitor System



PME004001

Panoramic View Monitor System



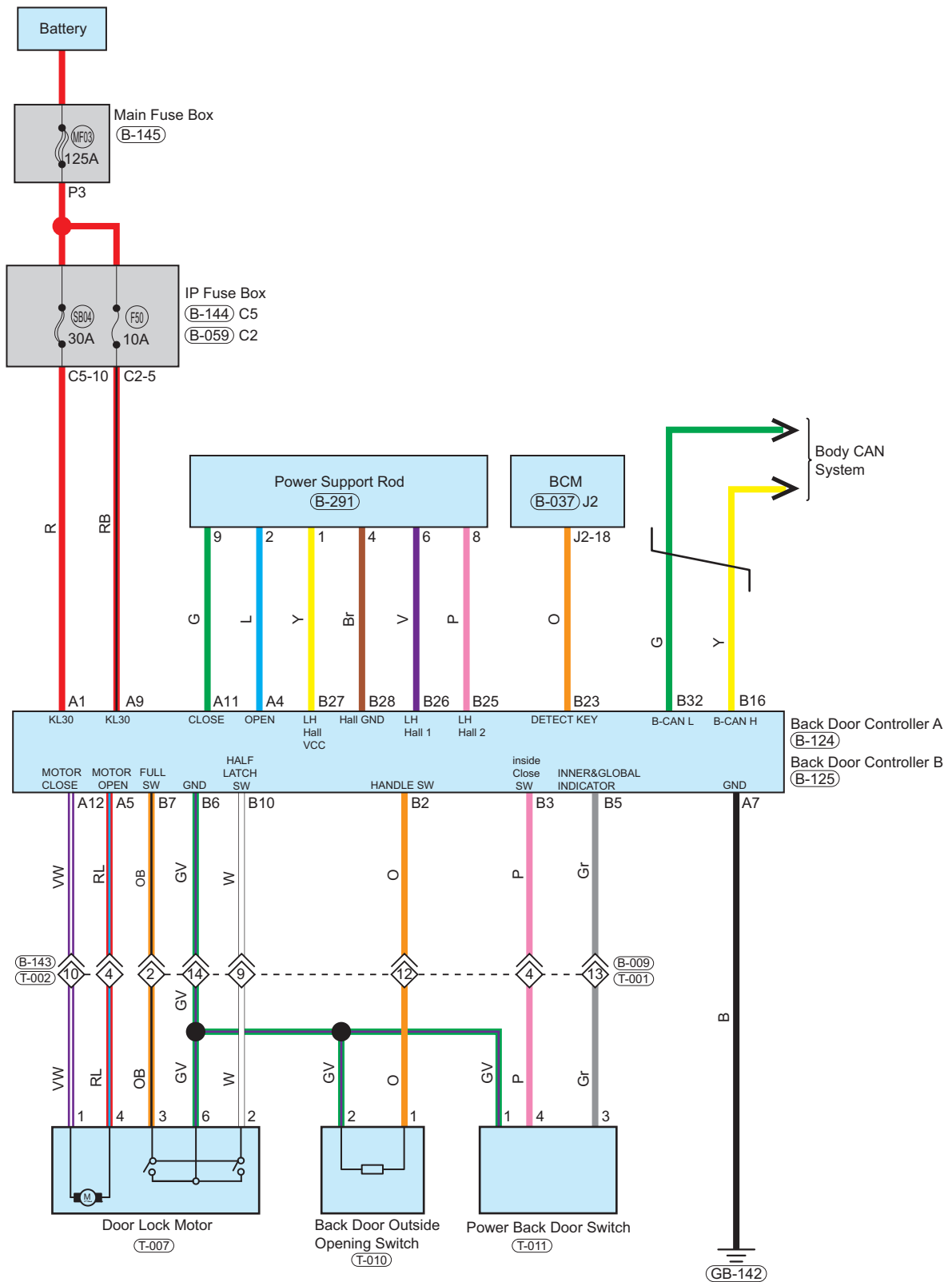
PME005001

Panoramic View Monitor System

Wire Harness Connector	Name	Wire Harness Connector
B-058	Instrument Panel Fuse Box - 1	10-32
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-144	Instrument Panel Fuse Box - 5	10-32
B-217	Interior Wire Harness to Front Left Door Wire Harness (Panoramic Camera)	10-32
B-220	Interior Wire Harness to Front Right Door Wire Harness (Panoramic Camera)	10-41
B-227	Panoramic Controller - B (to Head Unit)	10-40
B-228	Panoramic Controller - A	10-40
B-241	Interior Wire Harness to Back Door Wire Harness (Panoramic Camera)	10-36
B-244	Interior Wire Harness to Front Bumper Wire Harness (Panoramic Camera)	10-31
B-304	Panoramic Controller (with APA) - B	10-40
B-299	Ethernet Gateway B	10-60
B-336	Panoramic Camera to Instrument Panel Wire Harness	10-60
B-346	360 FAPA	10-56
B-347	360 FAPA to Instrument Panel Wire Harness	10-60
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-015	Front Left HD Camera	10-99
GB-136	Ground Point G2.15	10-40
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-012	Front Right HD Camera	10-101
I-003	360 Four-in-one Camera (without Pilot Configuration)	10-89
I-029	360 Four-in-one Camera (without Pilot Configuration)	10-83
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26

Wire Harness Connector	Name	Wire Harness Connector
J-011	Rear Left Side Parking Assist Sensor	10-26
J-012	Rear Right Side Parking Assist Sensor	10-26
J-013	Rear Left Parking Assist Sensor	10-26
J-014	Rear Left Center Parking Assist Sensor	10-26
J-015	Rear Right Center Parking Assist Sensor	10-26
J-017	Rear Right Parking Assist Sensor	10-26
Q-001	Front Bumper Wire Harness to Interior Wire Harness	10-22
Q-011	Front Left Side Parking Assist Sensor	10-22
Q-012	Front Right Side Parking Assist Sensor	10-22
Q-013	Front Left Parking Assist Sensor	10-22
Q-015	Left Center Parking Assist Sensor	10-22
Q-016	Right Center Parking Assist Sensor	10-22
Q-017	Front Right Parking Assist Sensor	10-22
Q-019	Front Camera	10-22
Q-020	Front Bumper Wire Harness to Interior Wire Harness (Panoramic Camera)	10-22
T-009	Rear HD Camera	10-110
T-018	Interior Wire Harness to Back Door Wire Harness (Panoramic Camera)	10-110

Power Back Door System (PLG)

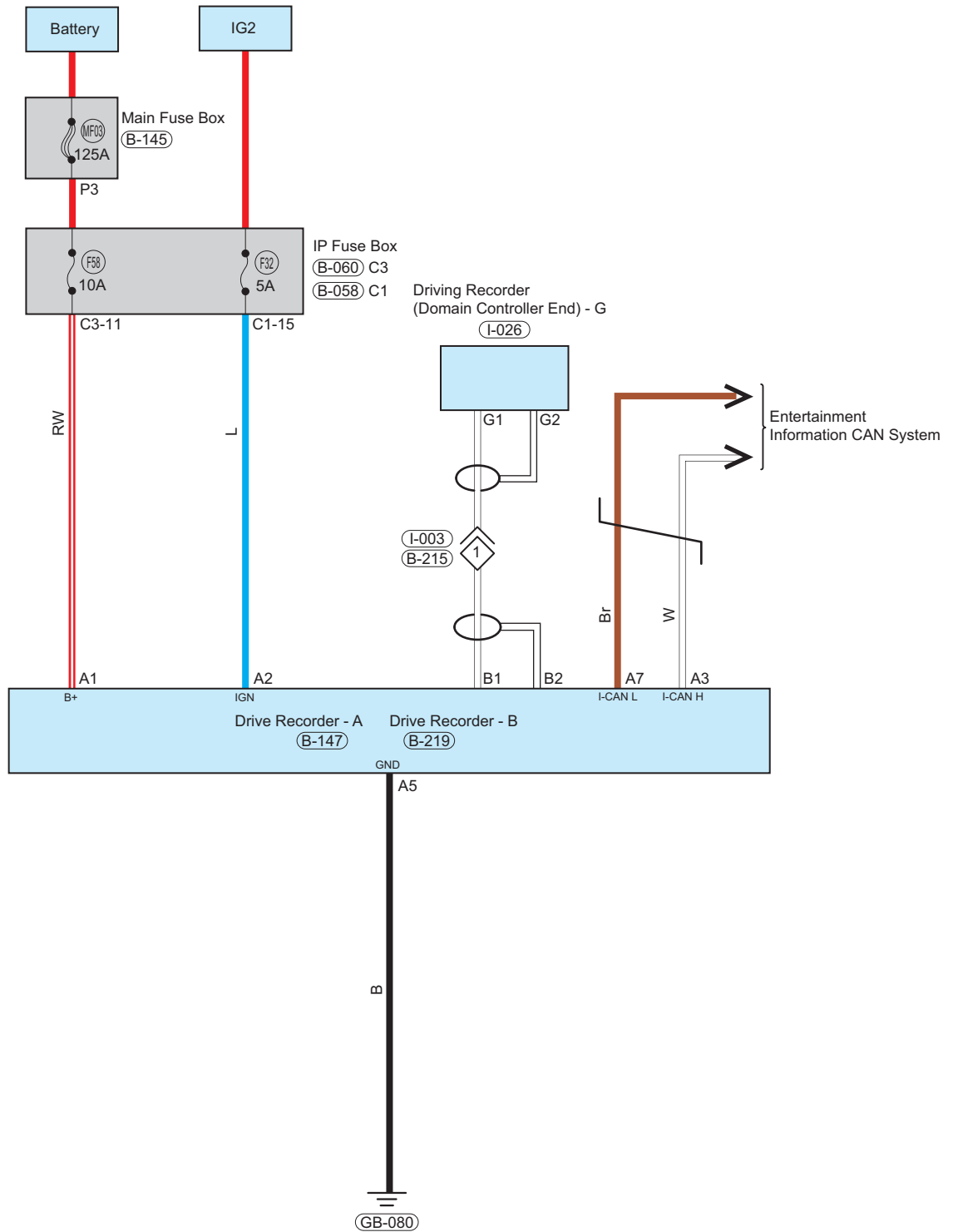


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Power Back Door System (PLG)

Wire Harness Connector	Name	Wire Harness Connector
B-009	Interior Wire Harness to Back Door Wire Harness 1	10-36
B-059	Instrument Panel Fuse Box - 2	10-32
B-124	Back Door Controller - A	10-37
B-125	Back Door Controller - B	10-37
B-143	Interior Wire Harness to Back Door Wire Harness 2	10-36
B-144	Instrument Panel Fuse Box - 5	10-32
B-291	Power Support Rod	10-57
GB-142	Ground Point G2.22	10-37
T-001	Interior Wire Harness to Back Door Wire Harness 1	10-110
T-002	Interior Wire Harness to Back Door Wire Harness 2	10-110
T-007	Door Lock Motor	10-110
T-010	Back Door Outside Opener Switch	10-110
T-011	Power Back Door Switch	10-110

Driving Recorder (DVR)

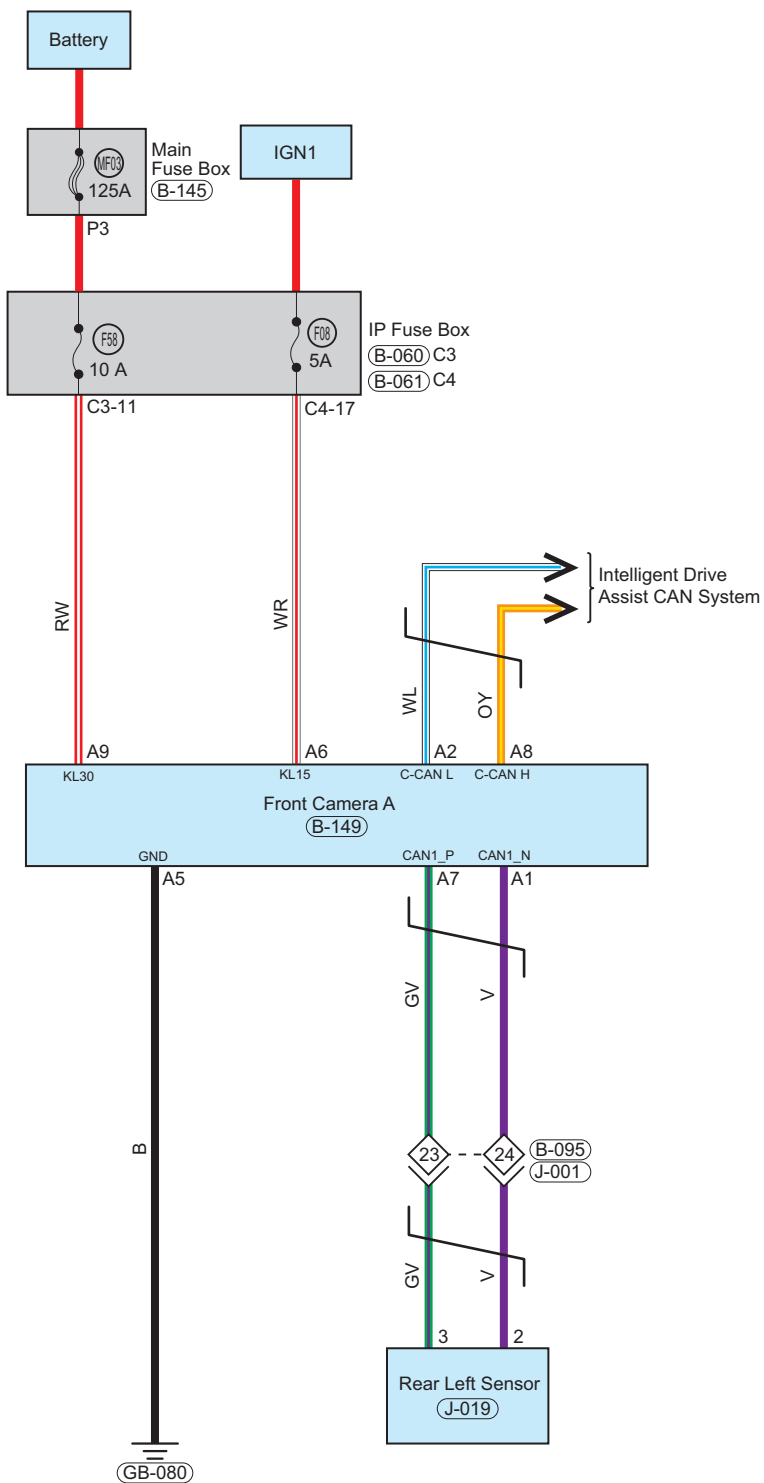


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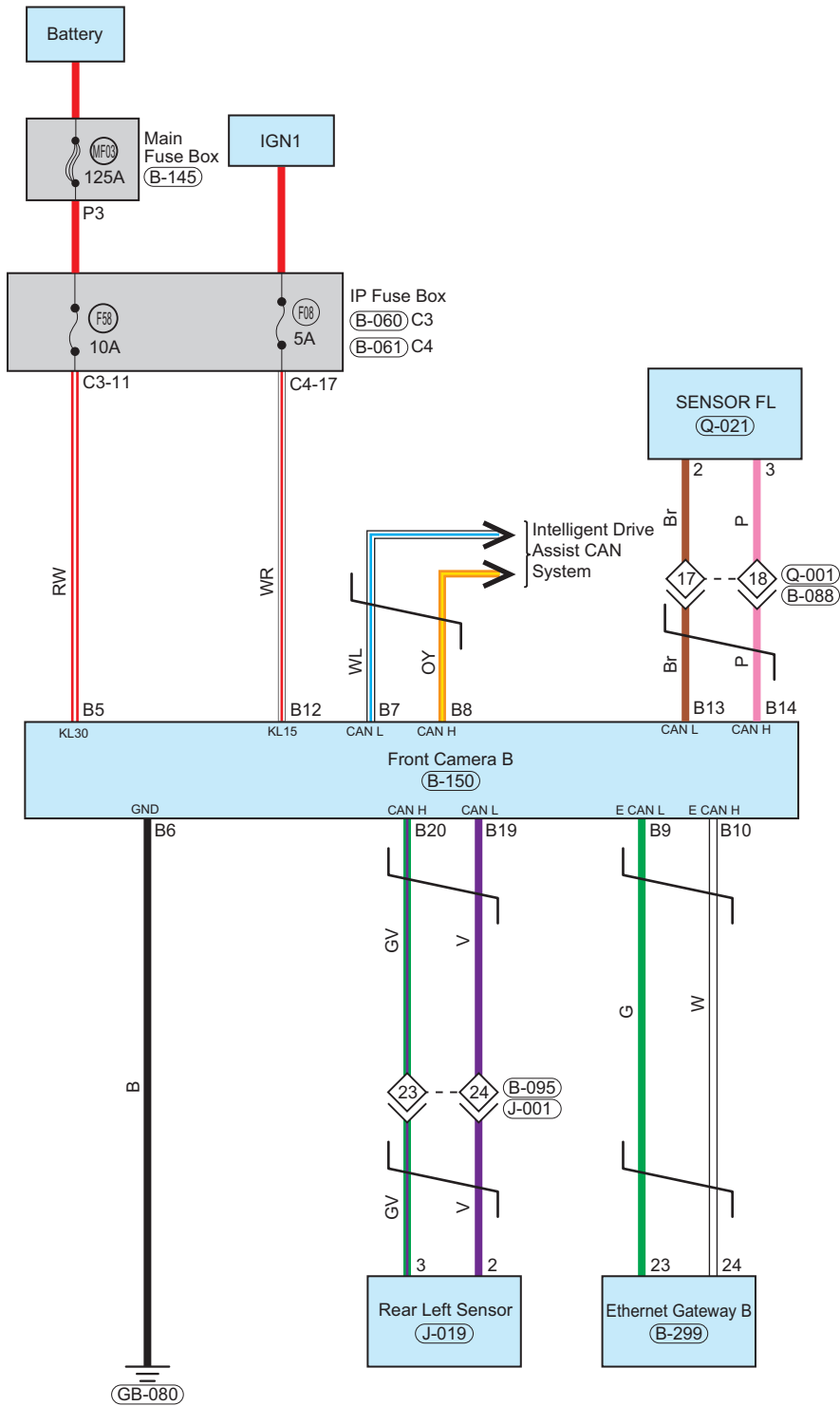
Driving Recorder (DVR)

Wire Harness Connector	Name	Wire Harness Connector
B-058	Instrument Panel Fuse Box - 1	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-147	Drive Recorder - A	10-44
B-215	Interior to Instrument Panel Wire Harness (Driving Recorder)	10-32
B-219	Drive Recorder - B	10-44
GB-080	Ground Point G2.4	10-34
I-003	360 Four-in-one Camera (without Pilot Configuration)	10-89
I-026	Driving Recorder (Domain Controller End) - G	10-93

Front Camera System (FCM)



Front Camera System (FCM)



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Front Camera System (FCM)

Wire Harness Connector	Name	Wire Harness Connector
B-061	Instrument Panel Fuse Box - 4	10-32
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-149	Front Camera - A	10-44
B-150	Front Camera	10-31
B-309	Washer Motor	10-51
GB-080	Ground Point G2.4	10-34
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-019	Rear Left Sensor	10-27

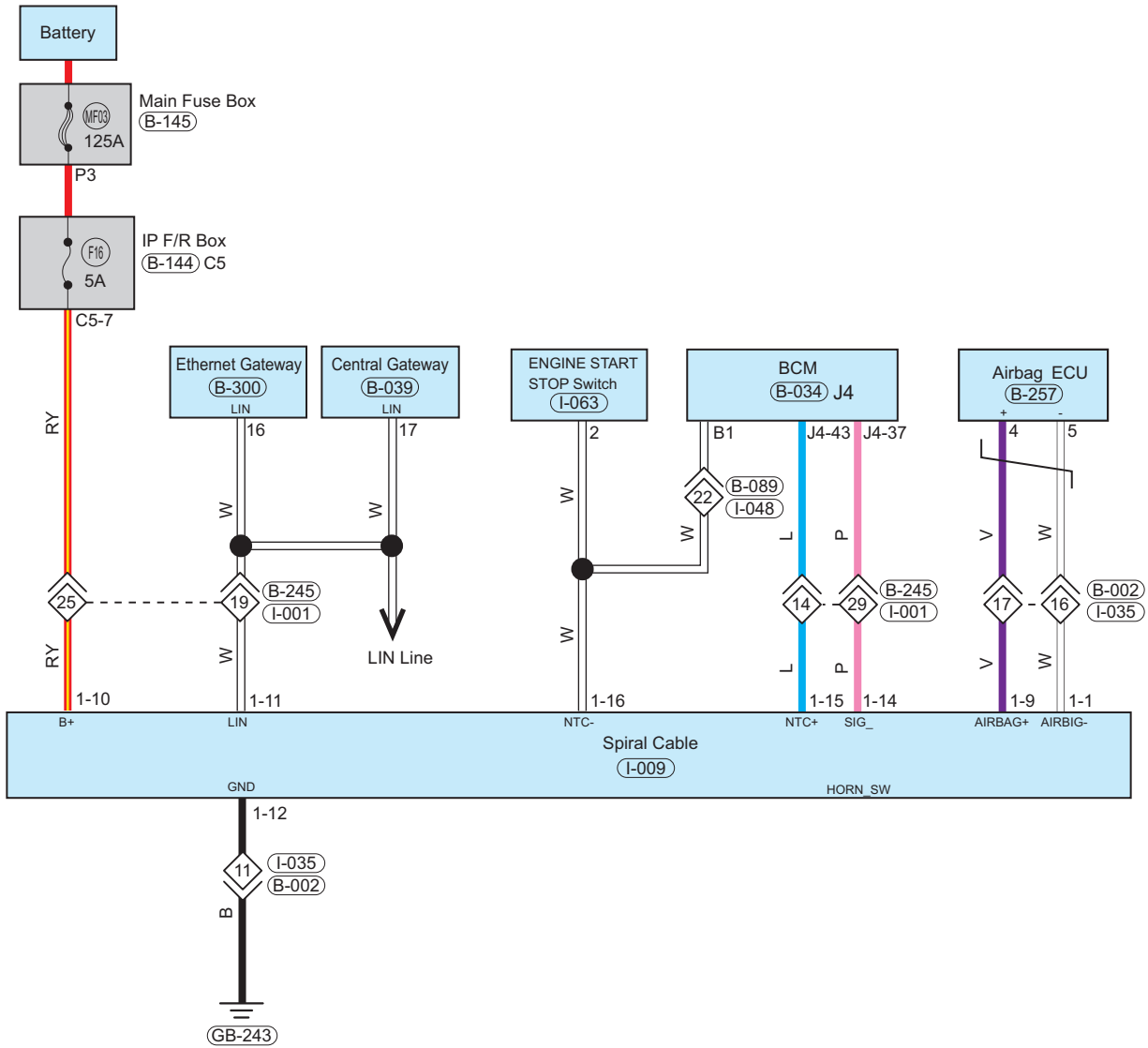
Multi-function Steering Wheel (MFS)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-039	Central Gateway	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
GB-243	Ground Point G2.16	10-42
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-009	Spiral Cable	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84
M-001	Multi-function Steering Wheel Button	10-128
M-002	Left Steering Multi-function Switch	10-128
M-003	Right Steering Multi-function Switch	10-128
M-004	Left Shift Paddle	10-128
M-005	Right Shift Paddle	10-128

Steering Wheel Heating

Wire Harness Connector	Name	Wire Harness Connector
B-034	Body Domain Control Module - J4	10-32
B-037	Body Domain Control Module - J2	10-32
B-039	Central Gateway	10-32
B-059	Instrument Panel Fuse Box - 2	10-32
GB-080	Ground Point G2.4	10-34
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-009	Spiral Cable	10-90
I-074	Spiral Cable - 2	10-92

Spiral Cable



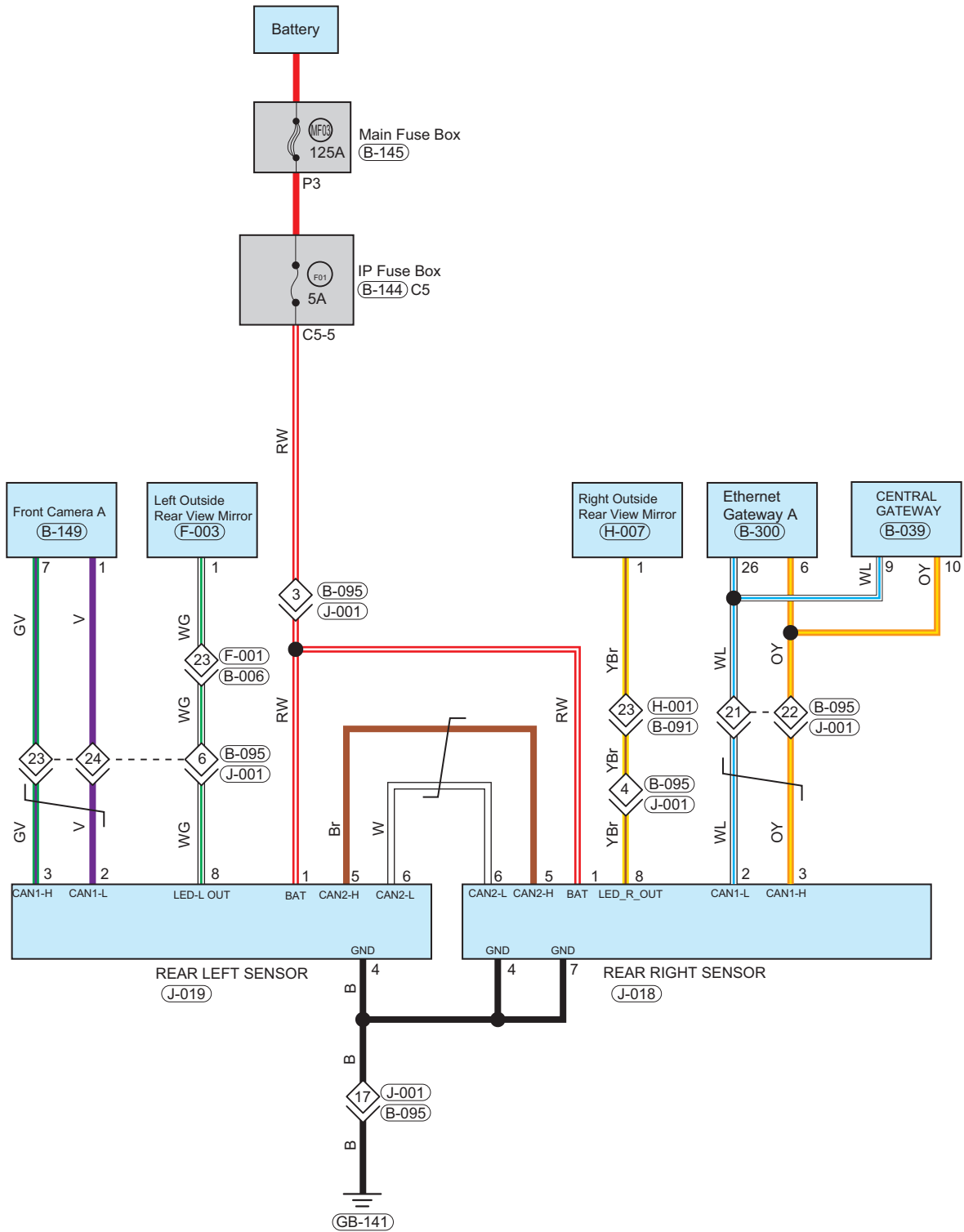
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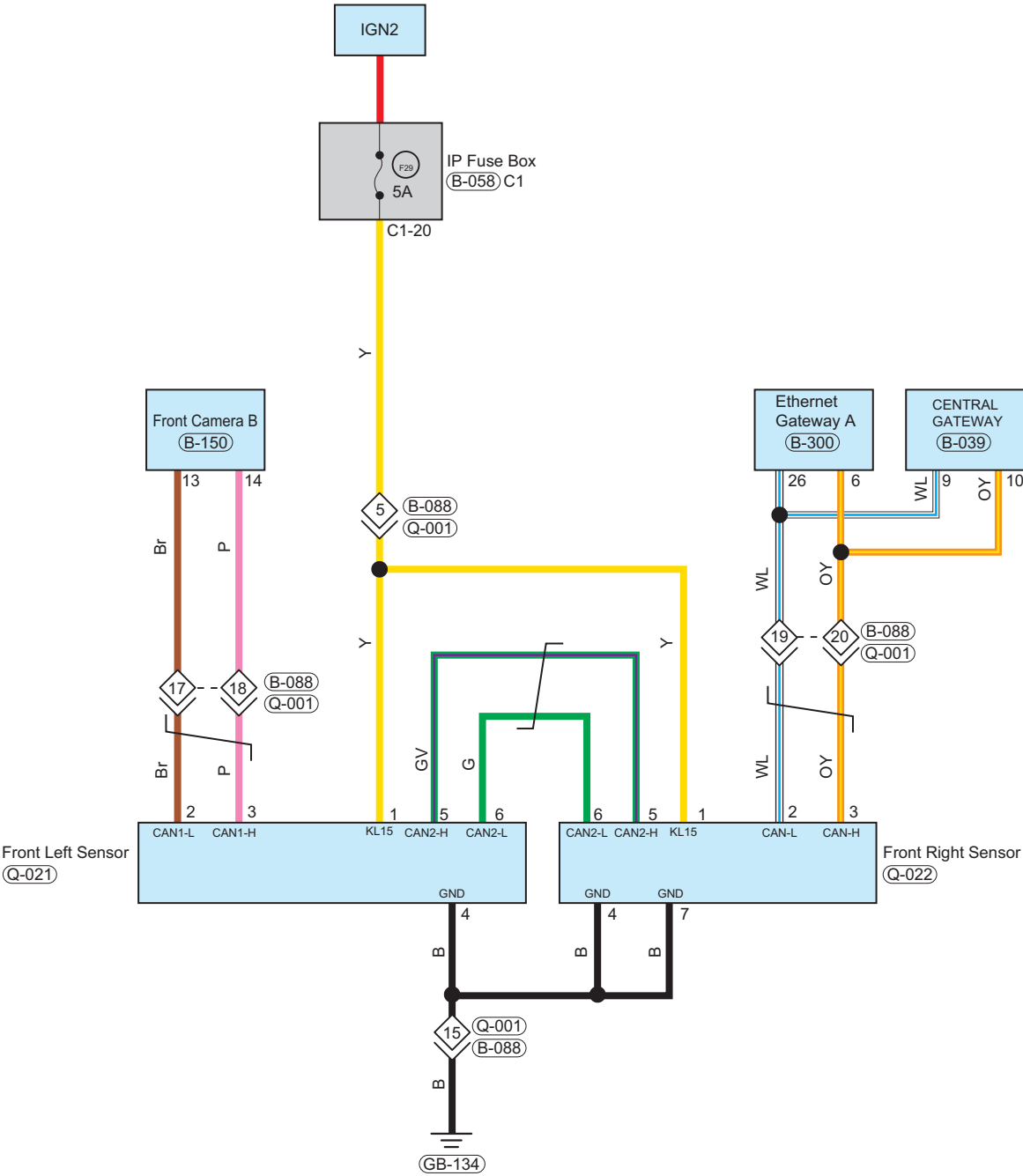
Spiral Cable

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-034	Body Domain Control Module - J4	10-32
B-039	Central Gateway	10-32
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-144	Instrument Panel Fuse Box - 5	10-32
B-257	Airbag ECU	10-42
B-300	Ethernet Gateway	10-60
GB-288	Ground Point G2.12	10-55
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-009	Spiral Cable	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-063	ENGINE START STOP Switch	10-83

Blind Spot Monitor



Blind Spot Monitor

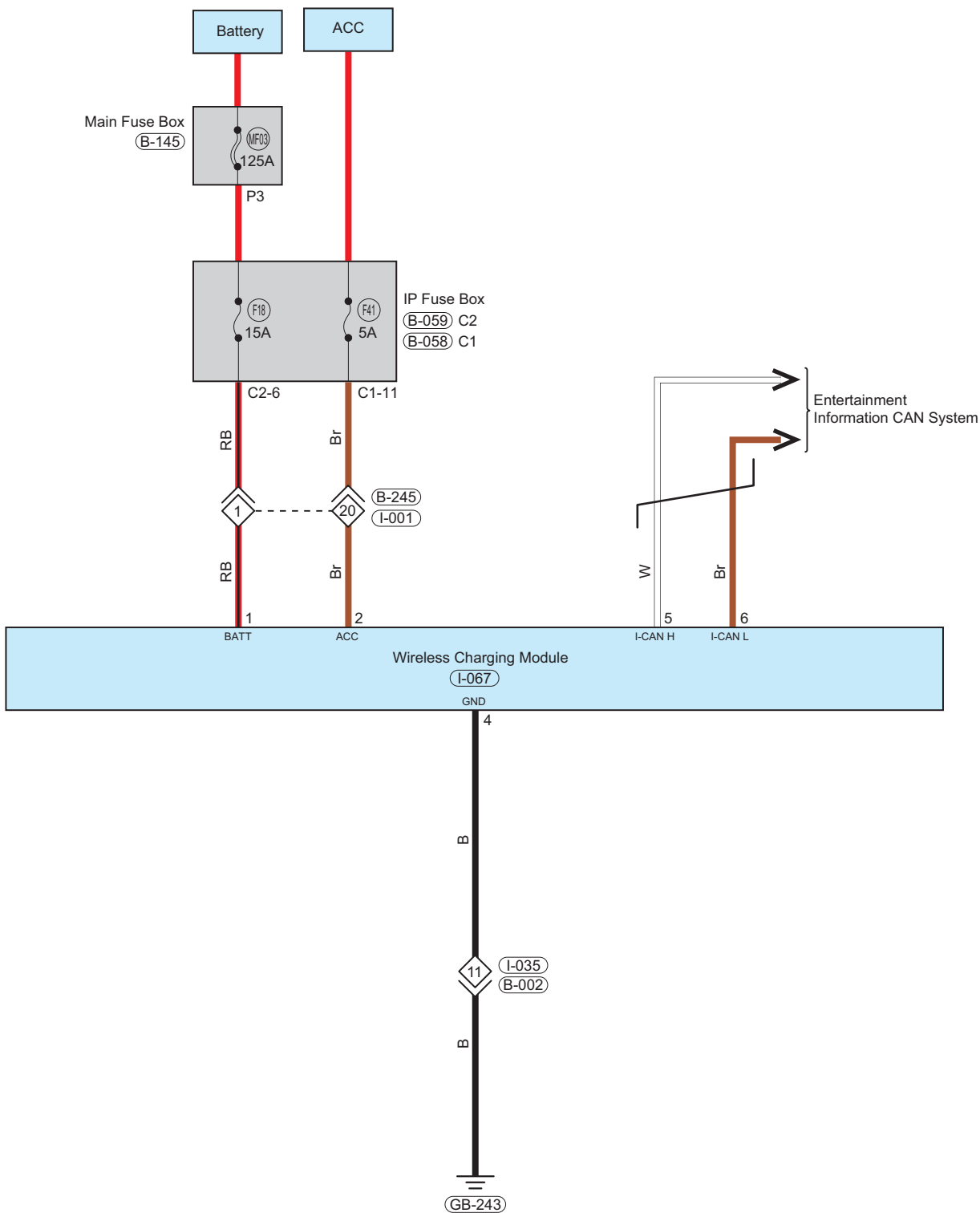


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Blind Spot Monitor

Wire Harness Connector	Name	Wire Harness Connector
B-006	Interior Wire Harness to Front Left Door Wire Harness 2	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-091	Interior Wire Harness to Front Right Door Wire Harness 2	10-41
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-096	ECU (A)	10-29
B-144	Instrument Panel Fuse Box - 5	10-32
B-149	Front Camera - A	10-44
B-150	Front Camera	10-31
B-300	Ethernet Gateway	10-60
F-001	Interior Wire Harness to Front Left Door Wire Harness	10-99
F-003	Left Outside Rear View Mirror	10-99
GB-134	Ground Point G1.9	10-29
GB-141	Ground Point G2.21	10-37
H-001	Interior Wire Harness to Front Right Door Wire Harness	10-101
H-007	Right Outside Rear View Mirror	10-101
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-018	Rear Right Sensor	10-27
J-019	Rear Left Sensor	10-27
Q-001	Front Bumper Wire Harness to Interior Wire Harness	10-22
Q-021	Front Left Sensor	10-23
Q-022	Front Right Sensor	10-24

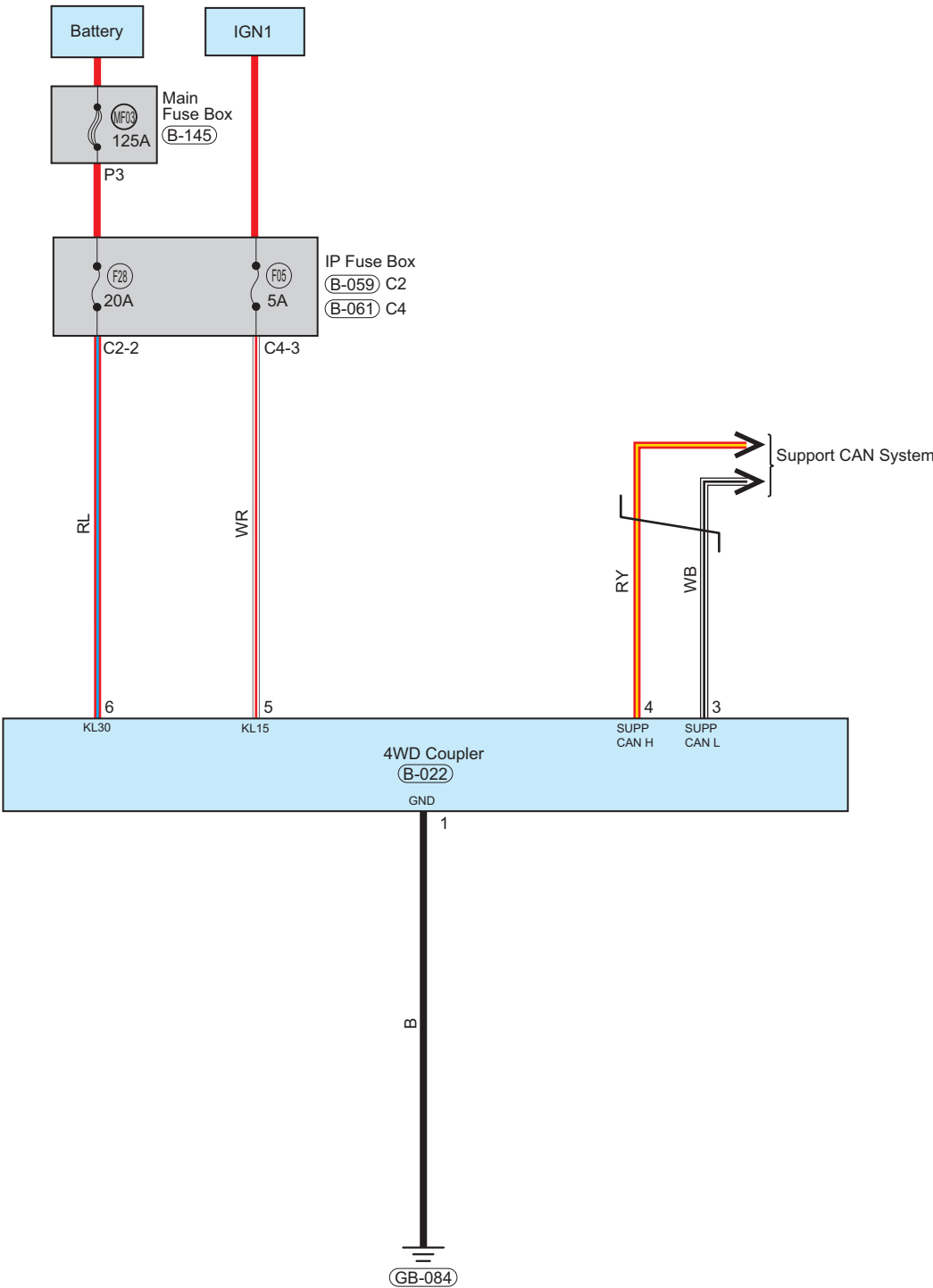
Wireless Charging System (CWC)



Wireless Charging System (CWC)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-058	Instrument Panel Fuse Box - 1	10-32
B-059	Instrument Panel Fuse Box - 2	10-32
GB-243	Ground Point G2.16	10-42
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-067	Mobile Phone Wireless Charging Module	10-83

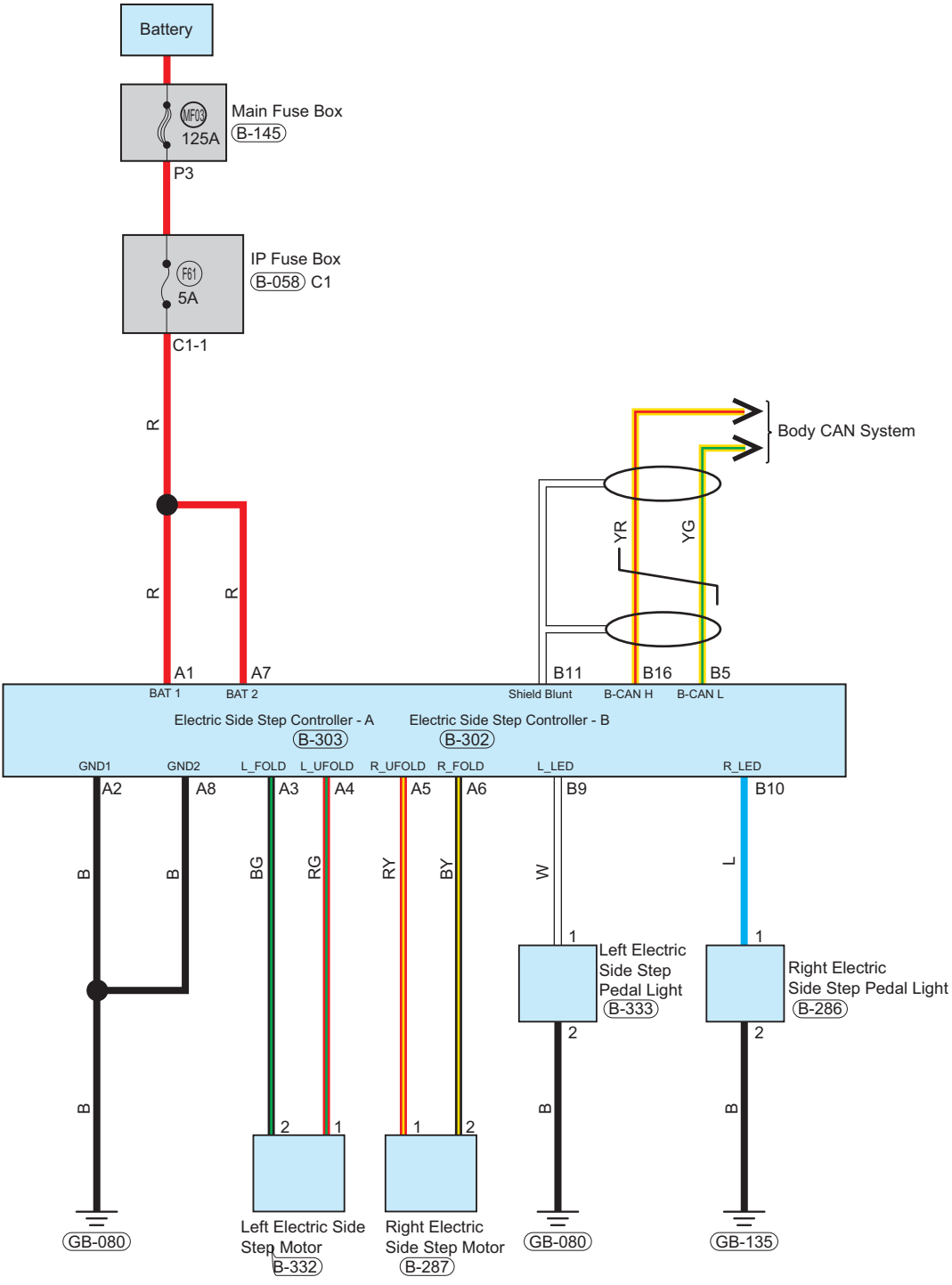
Four-wheel Drive System



Four-wheel Drive System

Wire Harness Connector	Name	Wire Harness Connector
B-026	4WD Coupler Module	10-35
B-059	Instrument Panel Fuse Box - 2	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
GB-084	Ground Point G2.10	10-35

Side Pedal System



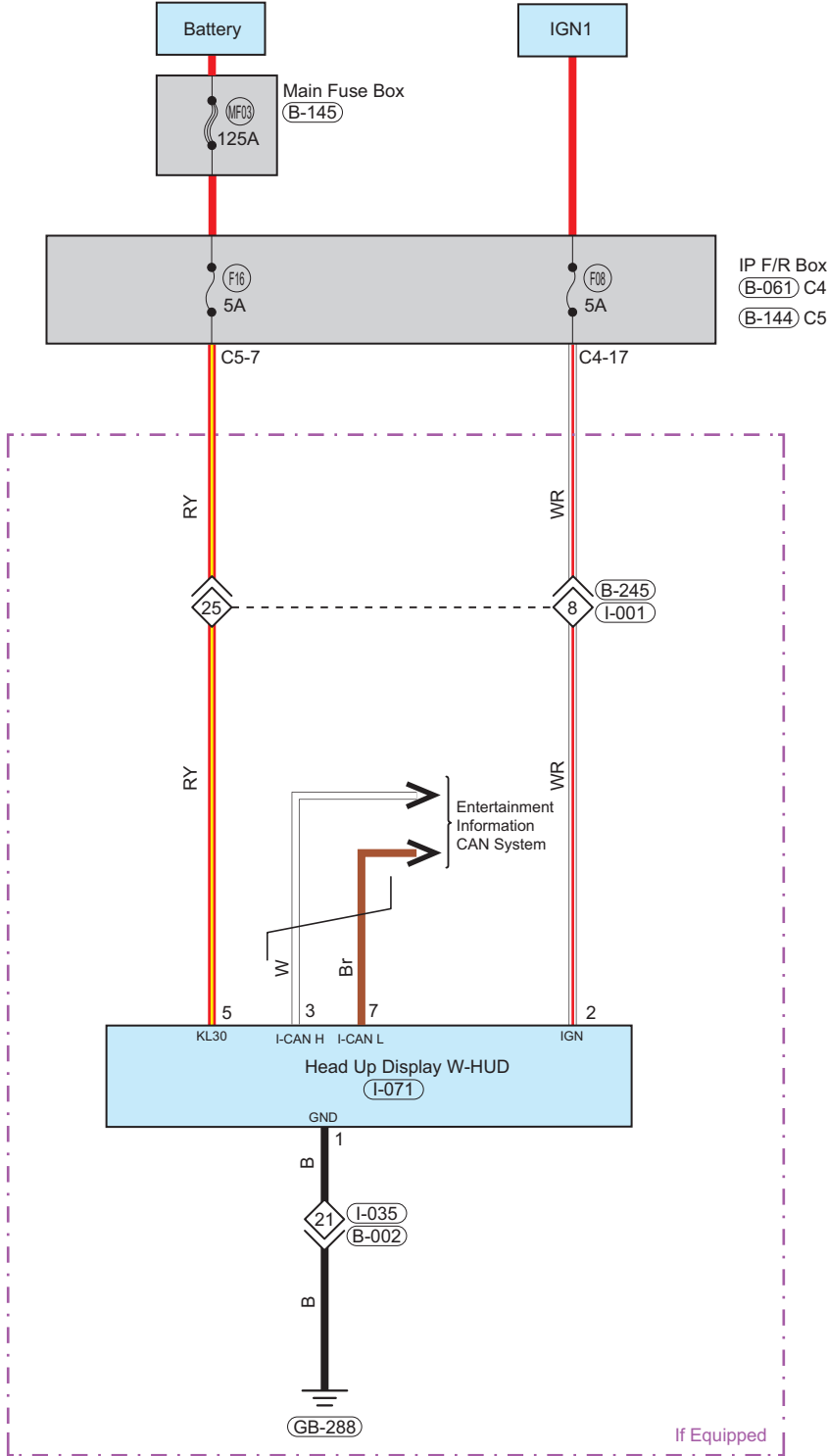
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Side Pedal System

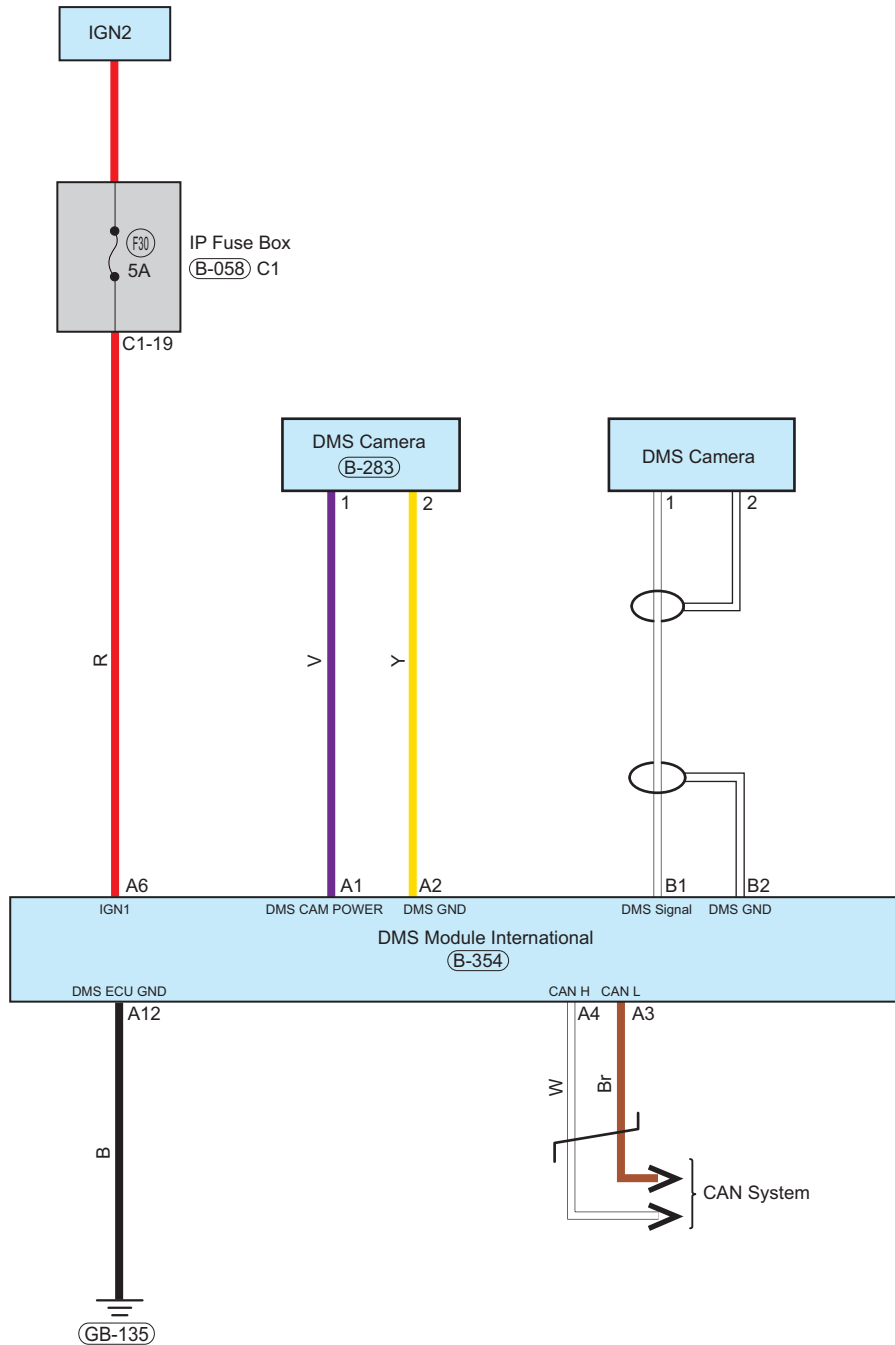
Wire Harness Connector	Name	Wire Harness Connector
B-058	Instrument Panel Fuse Box - 1	10-32
B-286	Left Electric Side Step Light	10-55
B-287	Right Electric Side Step Motor	10-55
B-302	Electric Side Step Controller - B	10-52
B-303	Electric Side Step Controller - A	10-52
B-332	Left Electric Side Step Motor	10-55
B-333	Left Electric Side Step Light	10-55
GB-080	Ground Point G2.4	10-34

Head Up Display (HUD)



HUD001001

Driver Monitoring System (DMS)



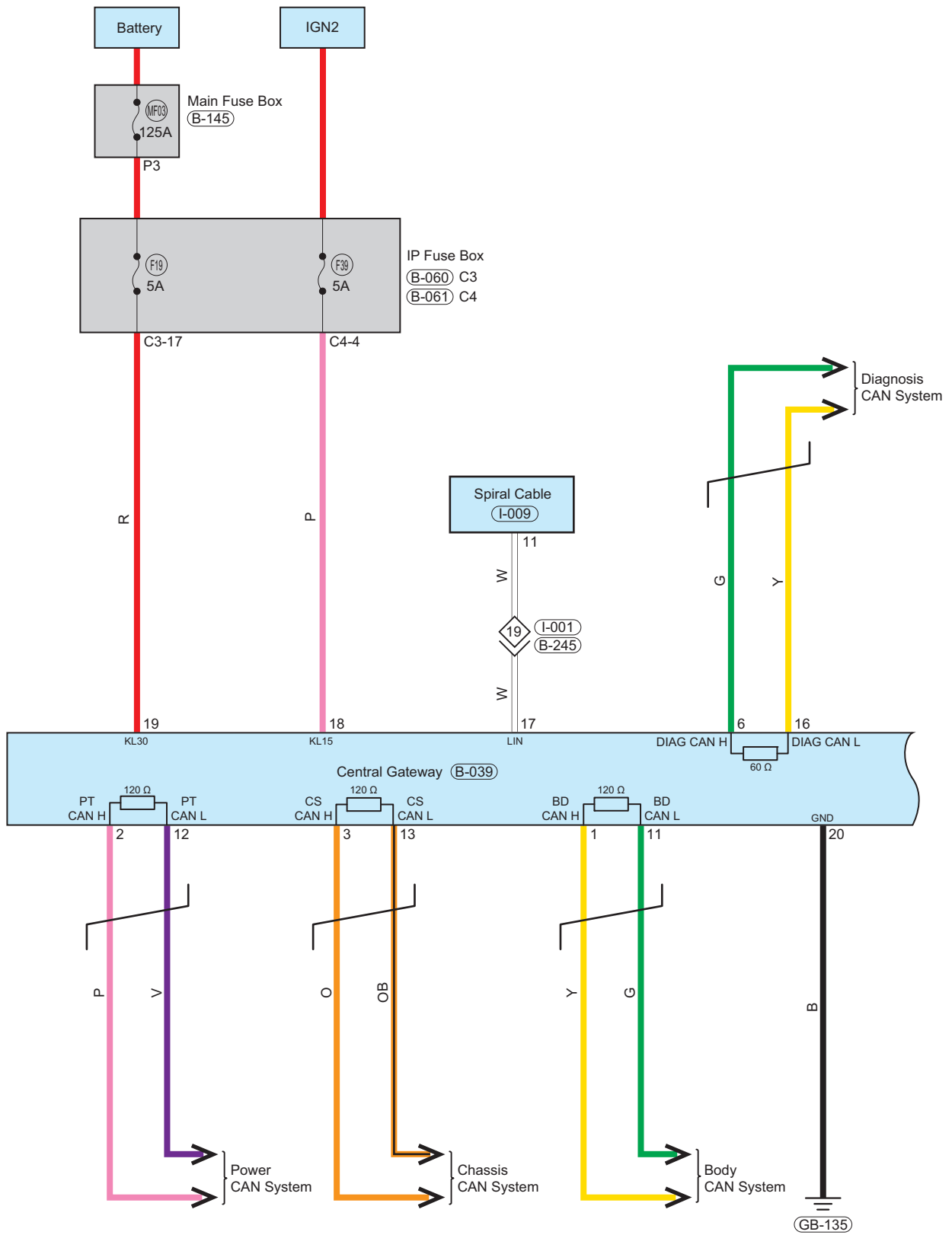
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Head Up Display (HUD)

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
GB-288	Ground Point G2.12	10-56
B-354	DMS Module International	10-63
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-071	Head Up Display W-HUD	10-87

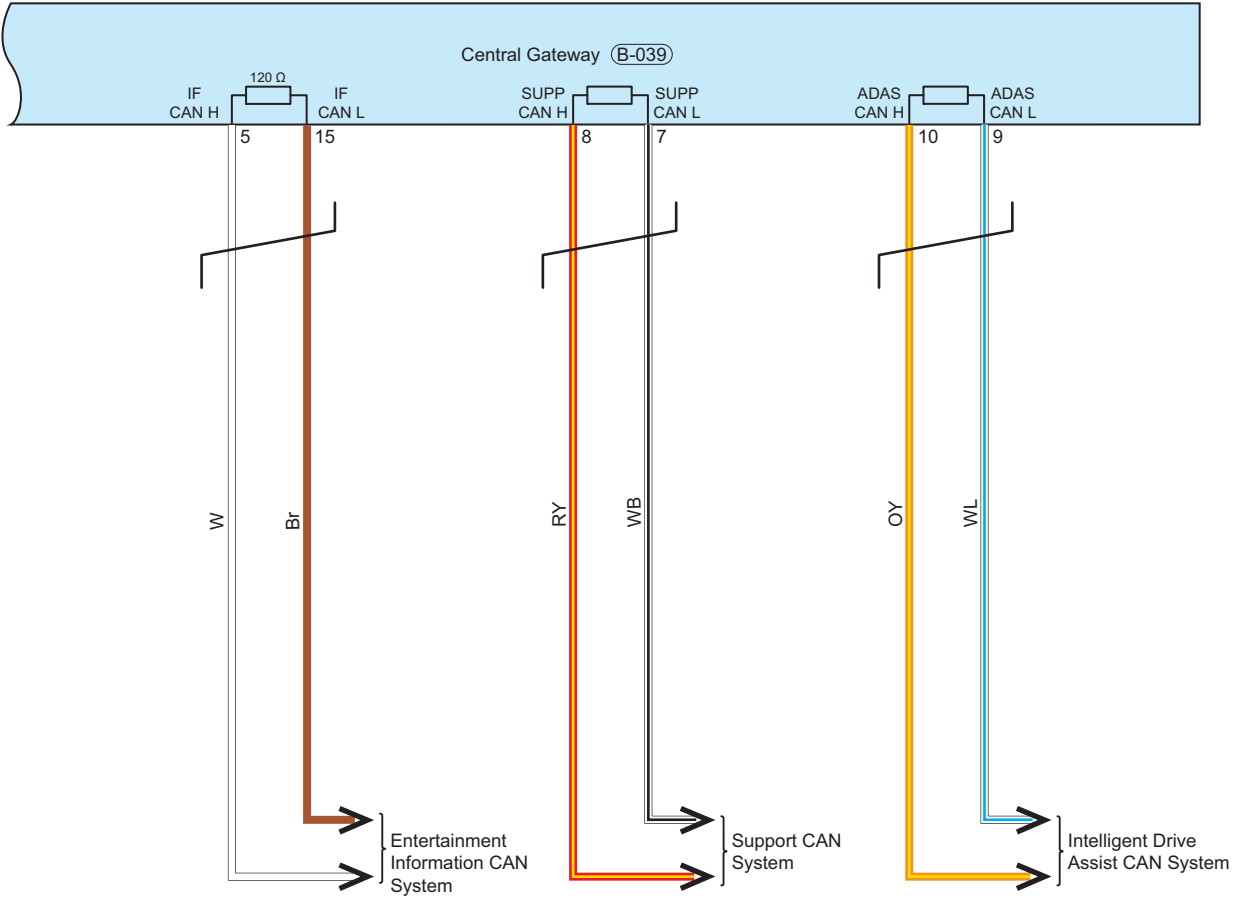
Central Gateway (CGW)



11

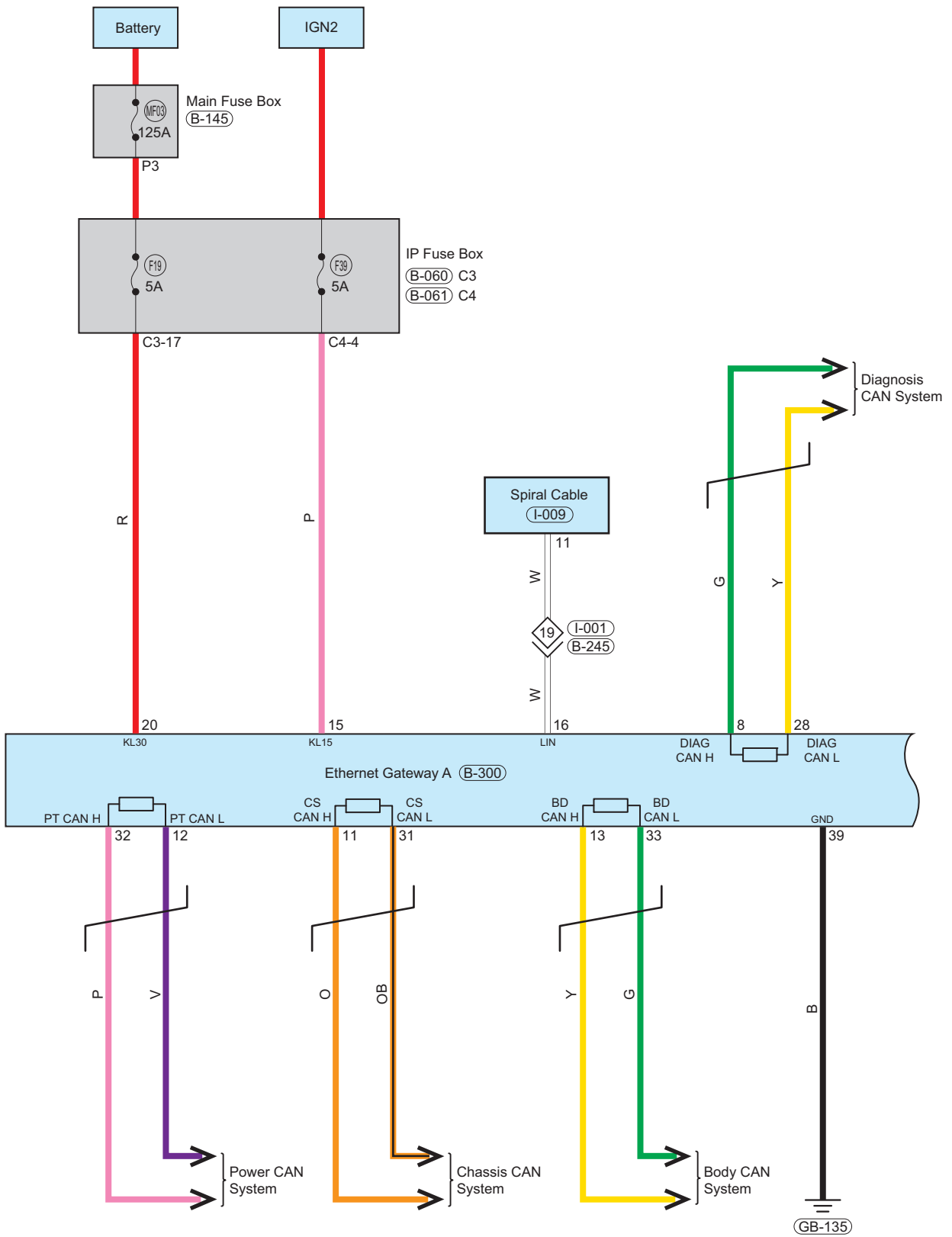
CGE001001

Central Gateway (CGW)



CGE001002

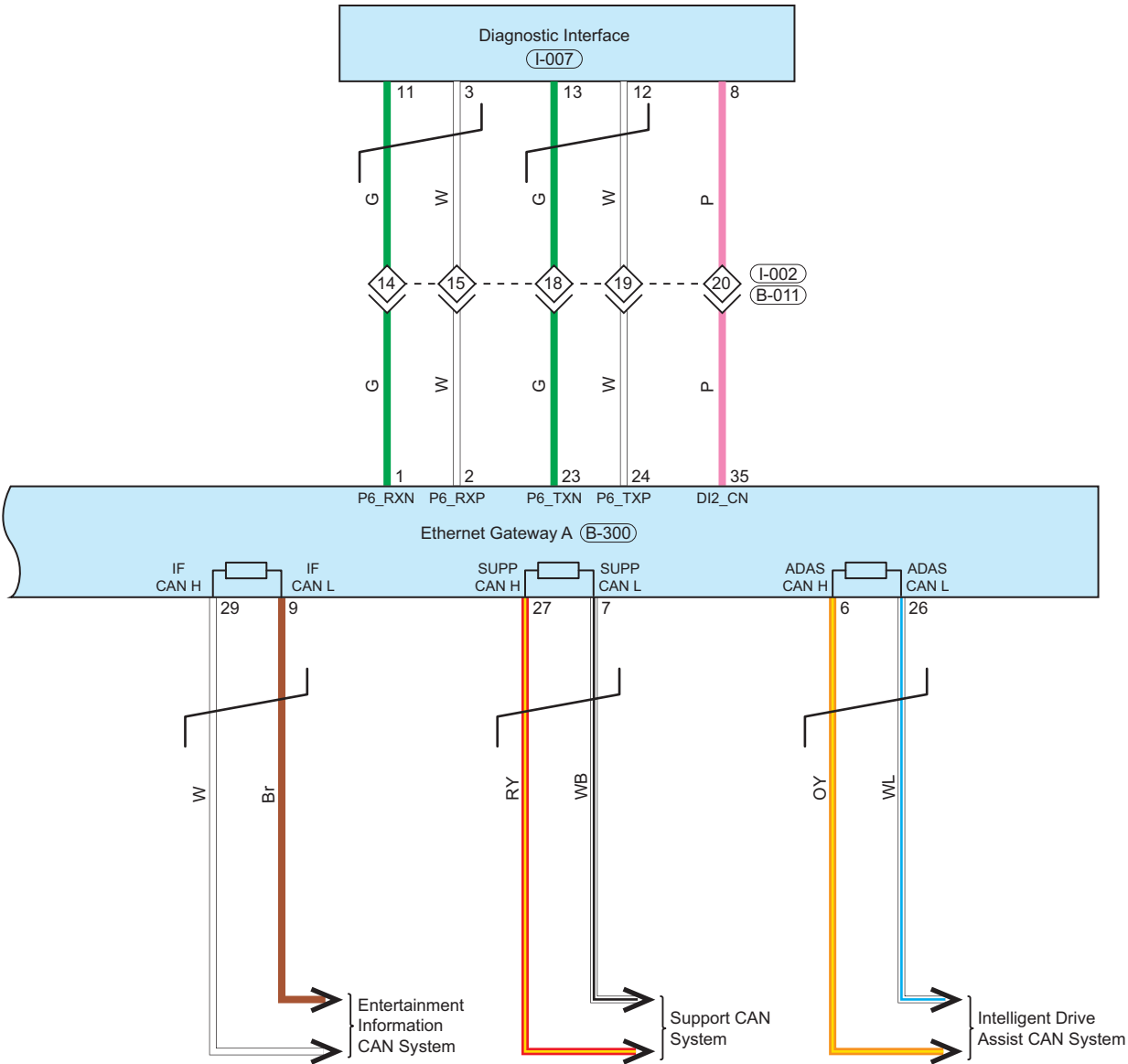
Ethernet Gateway (ETH-A)



11

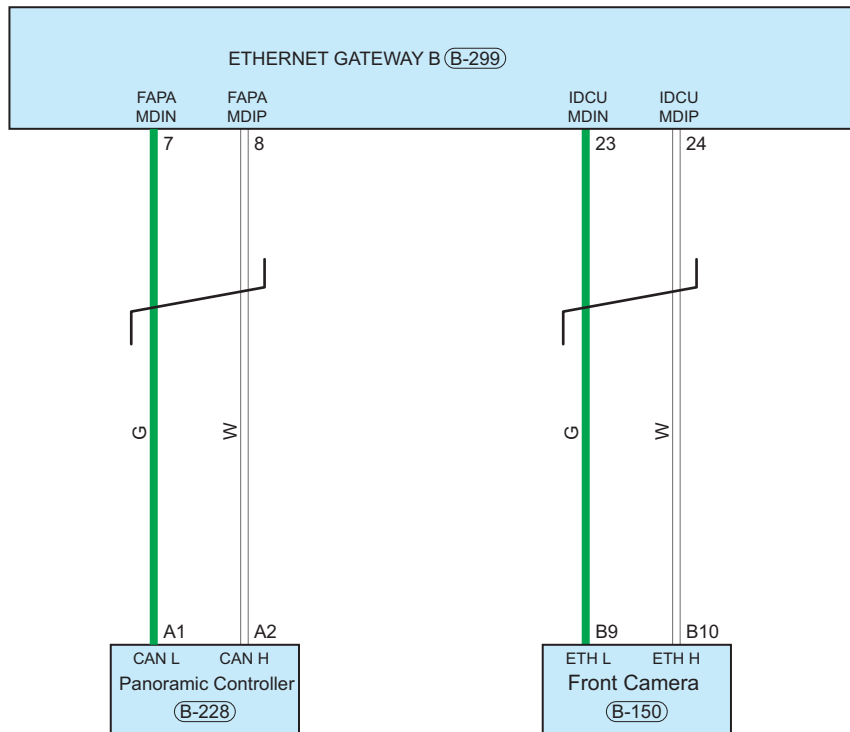
CGE001003

Ethernet Gateway (ETH-A)



CGE001004

Ethernet Gateway (ETH-B)



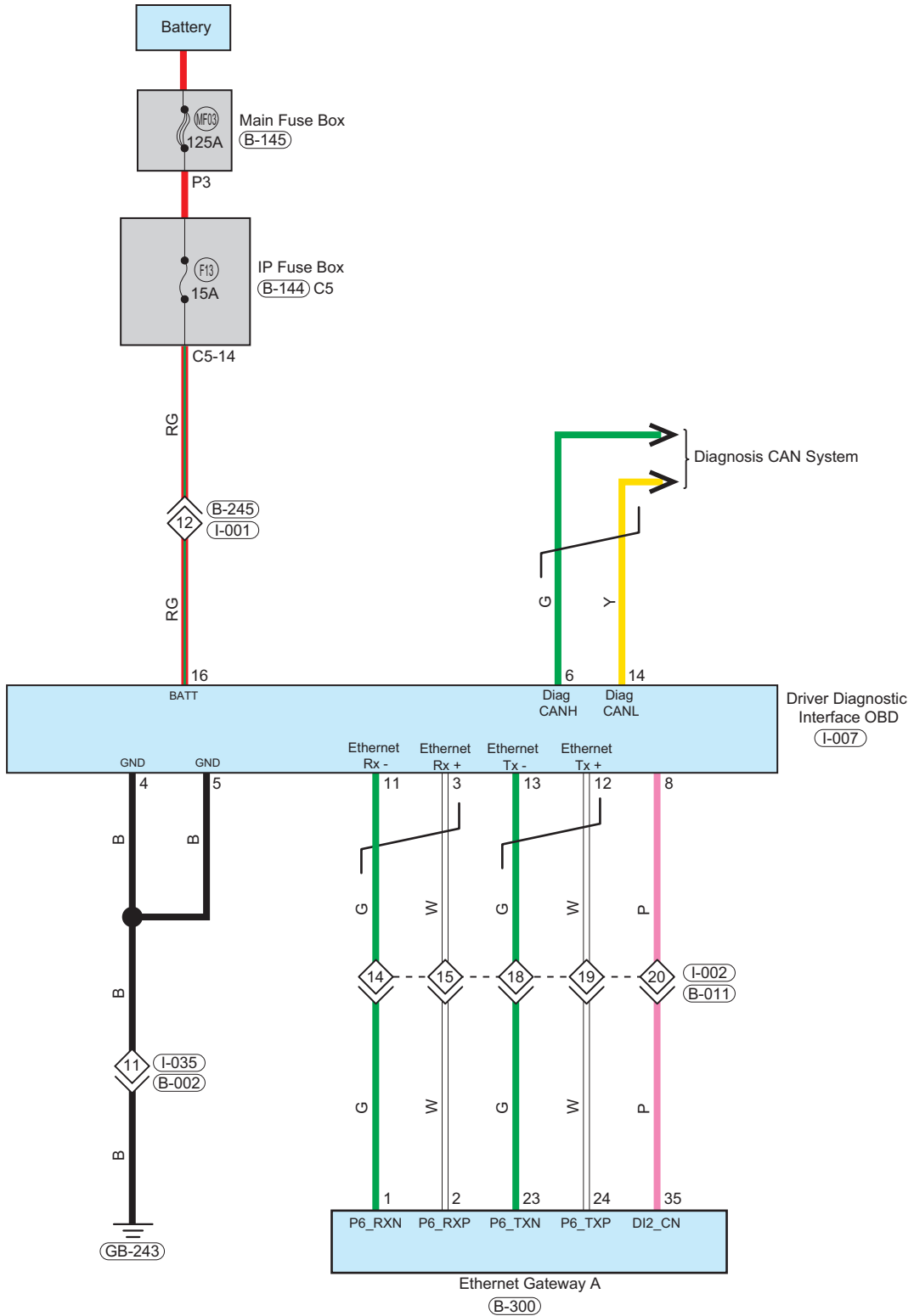
11

CGE001005

Ethernet (ETH)

Wire Harness Connector	Name	Wire Harness Connector
B-011	Interior Wire Harness to Instrument Panel Wire Harness 3	10-32
B-039	Central Gateway	10-32
B-060	Instrument Panel Fuse Box - 3	10-32
B-061	Instrument Panel Fuse Box - 4	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
B-149	Front Camera - A	10-44
B-229	Parking Radar Controller	10-40
B-299	Ethernet Gateway B	10-60
B-300	Ethernet Gateway A	10-60
GB-135	Ground Point G2.14	10-40
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-007	Driver Diagnostic Interface OBD	10-90
I-009	Spiral Cable	10-90

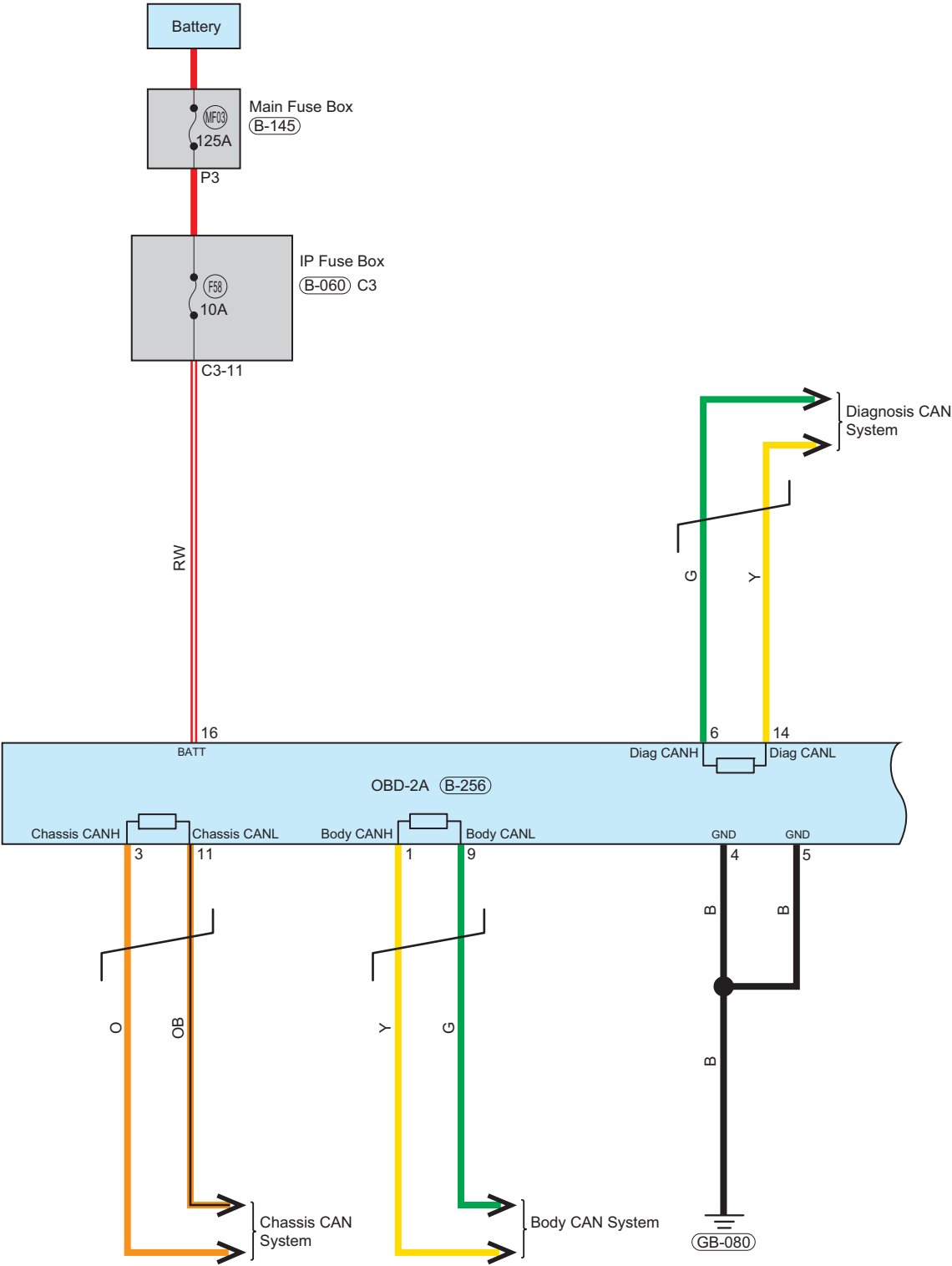
Diagnostic Interface



11

OBE001001

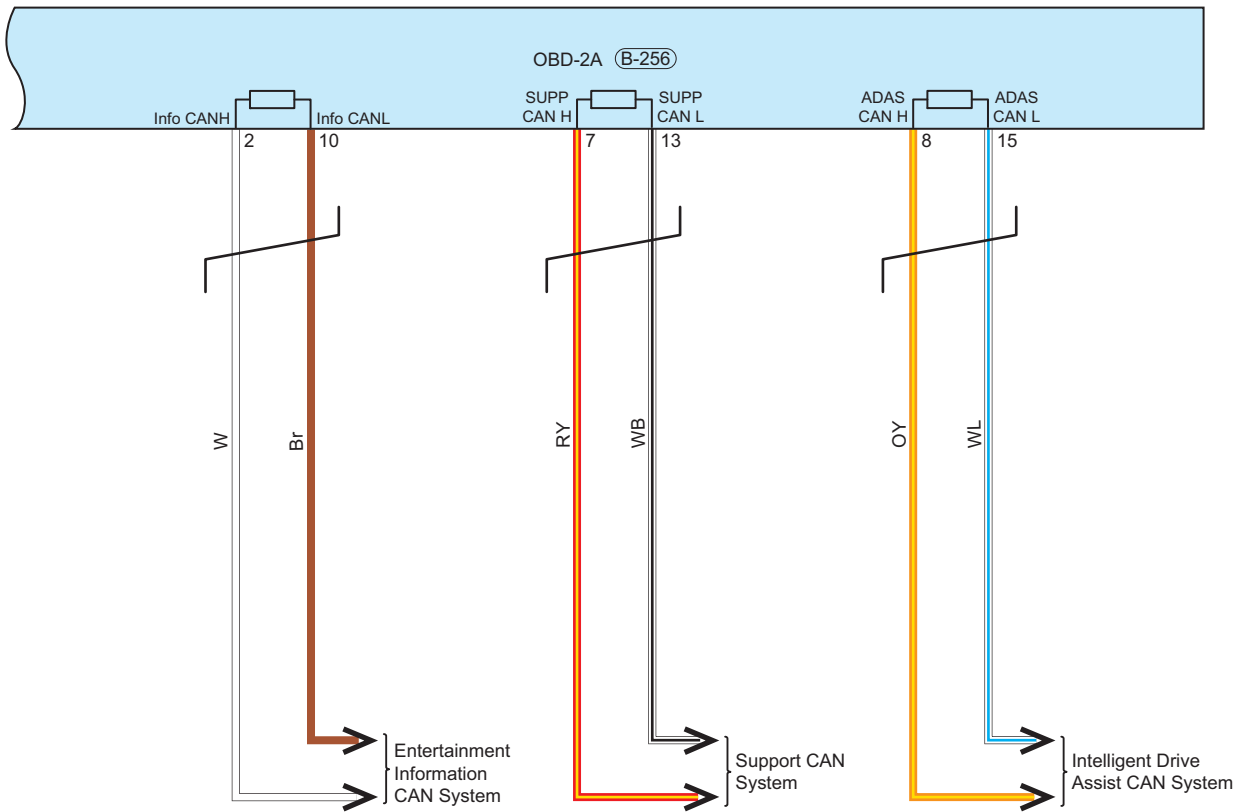
Diagnostic Interface



11

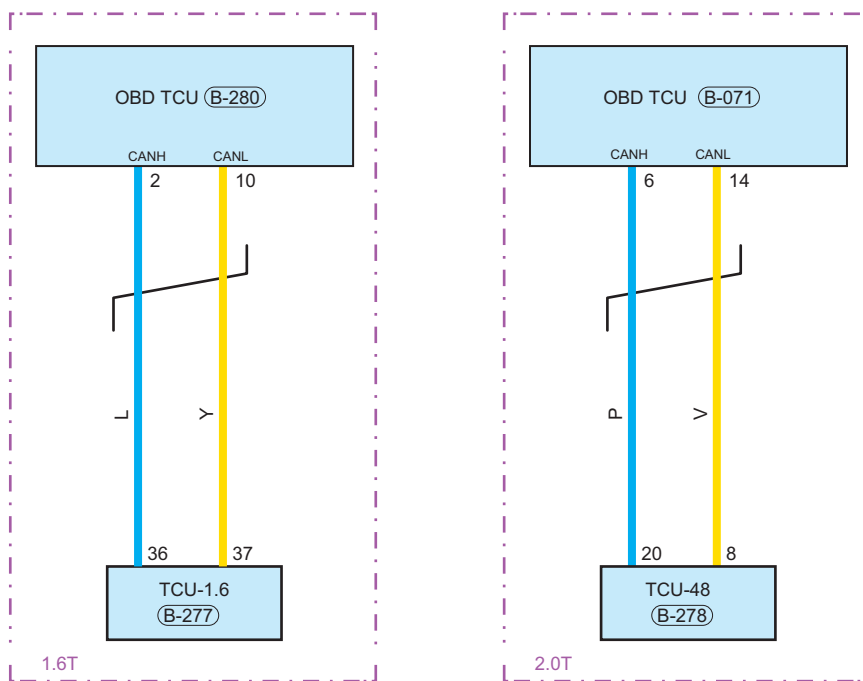
OBE001002

Diagnostic Interface



OBE001003

Diagnostic Interface



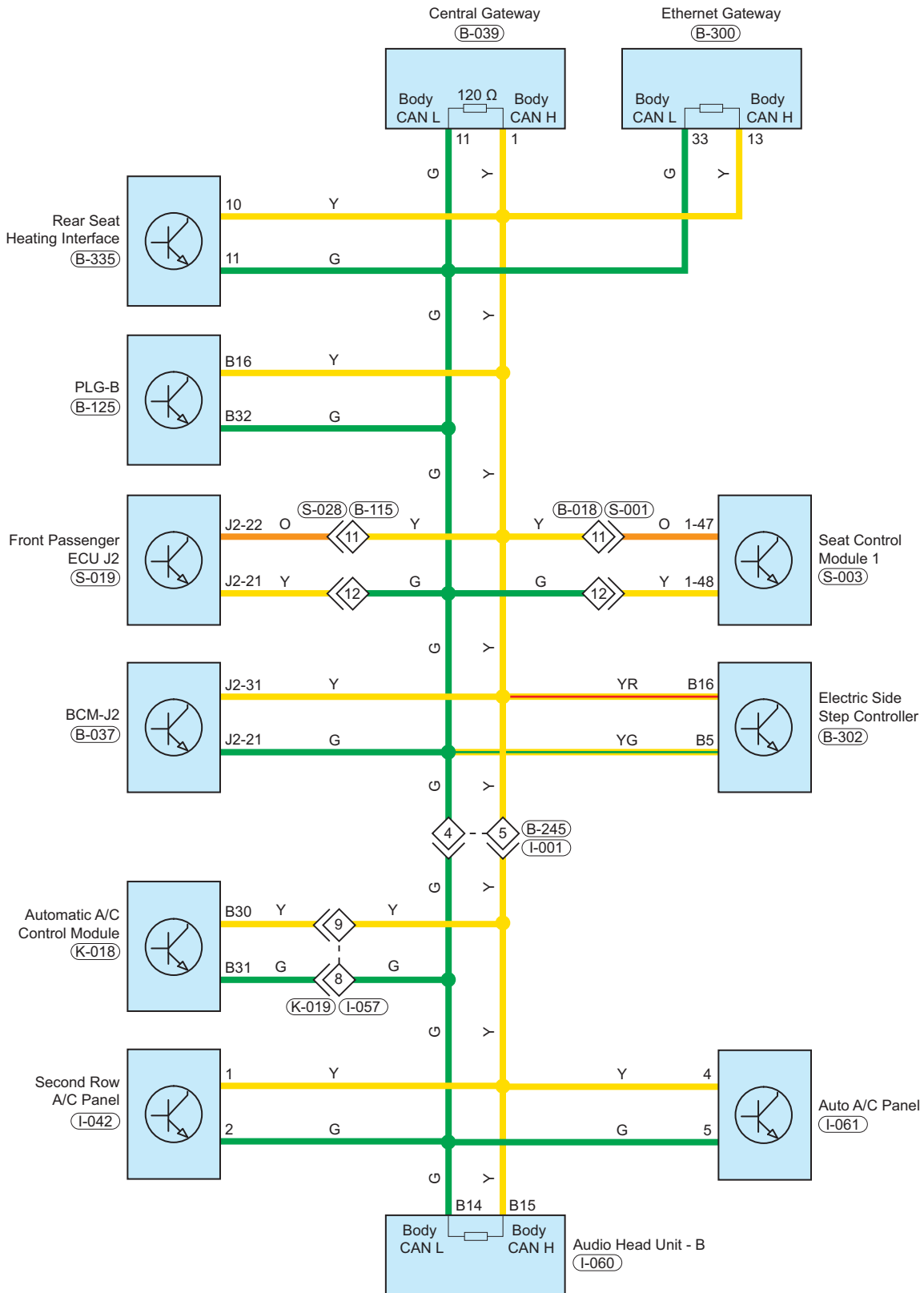
11

OBE001005

Diagnostic Interface

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-044	TCU	10-29
B-060	Instrument Panel Fuse Box - 3	10-32
B-144	Instrument Panel Fuse Box - 5	10-32
B-255	TCU Test	10-53
B-256	OBD	10-52
B-277	TCU-1.6	10-50
B-280	OBD TCU	10-53
GB-080	Ground Point G2.4	10-34
GB-243	Ground Point G2.16	10-42
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-007	Driver Diagnostic Interface OBD	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84

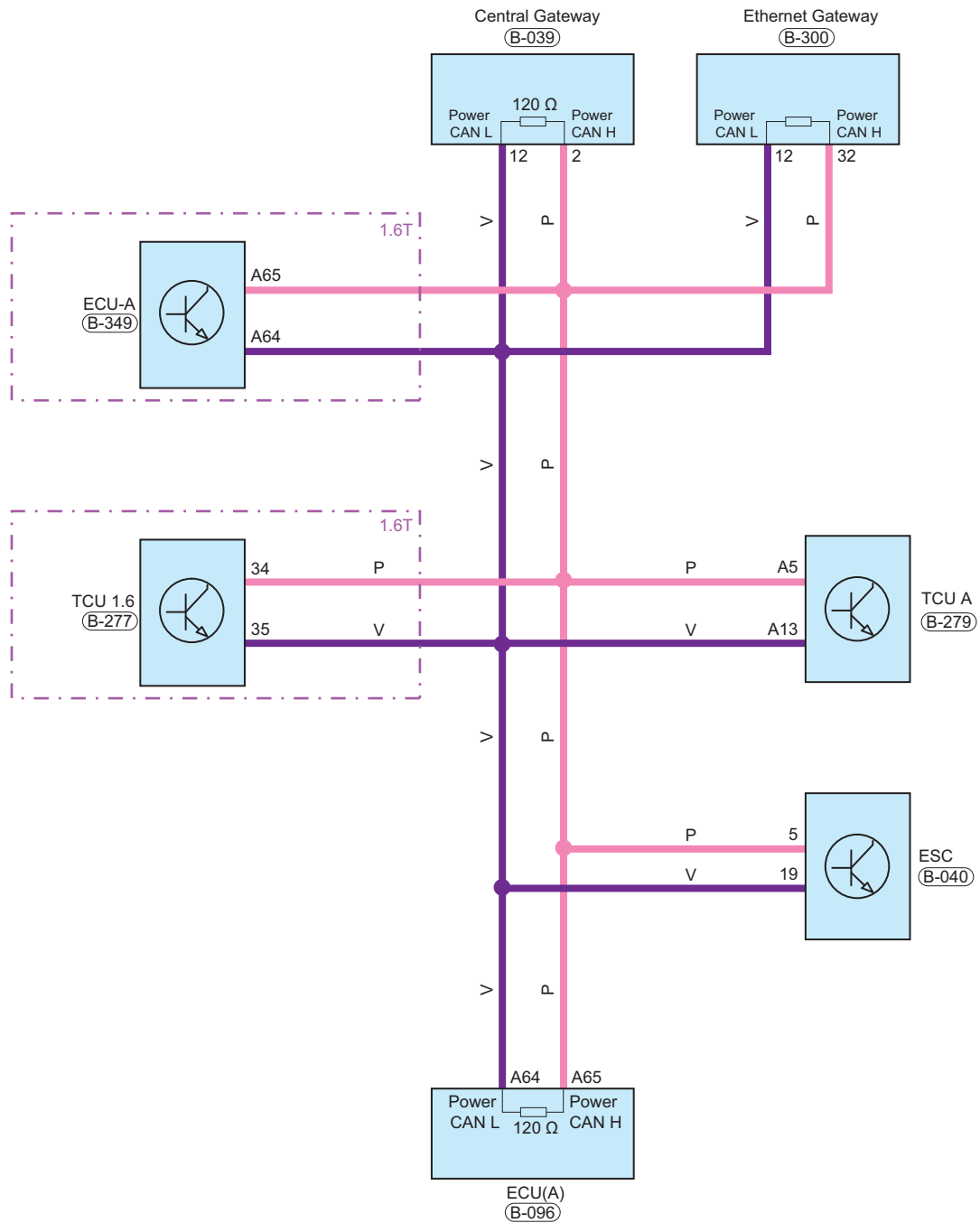
CAN System (Body CAN)



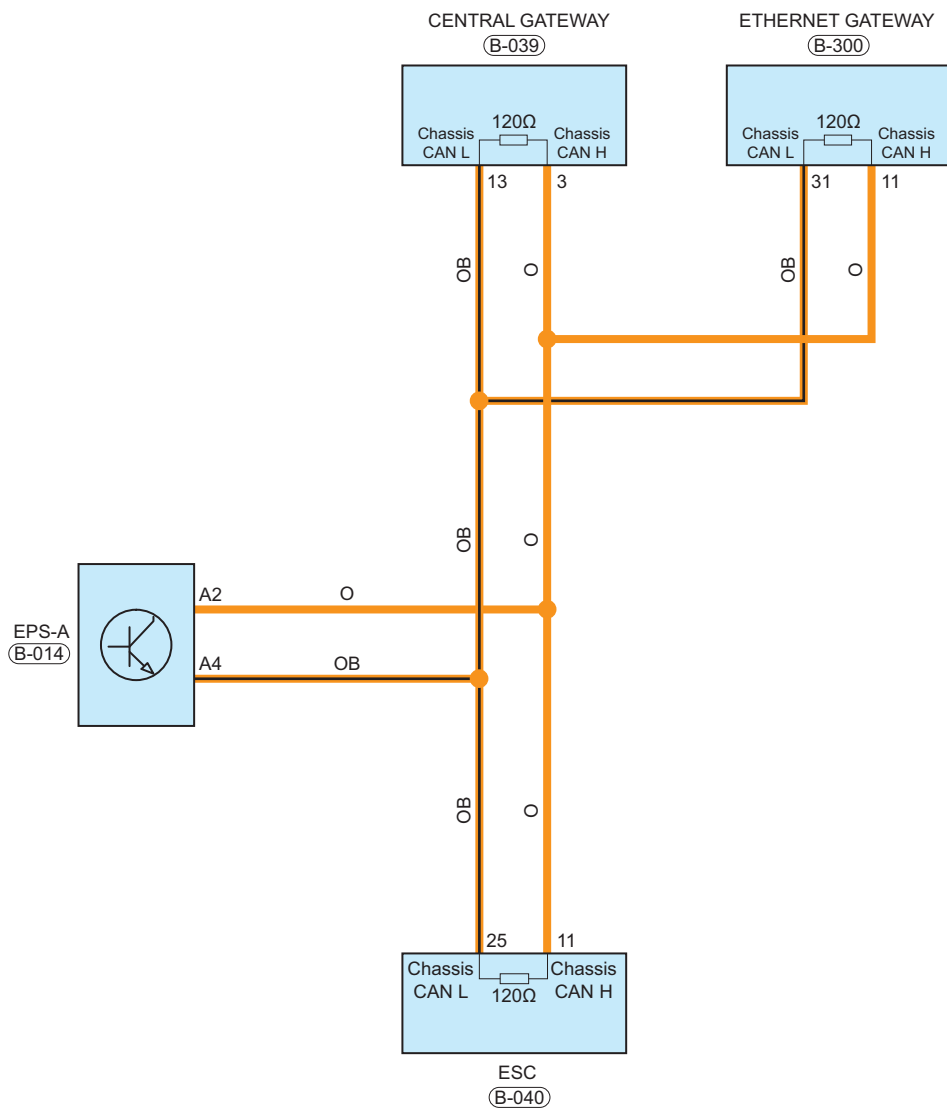
11

CAE001001

CAN System (Power CAN)

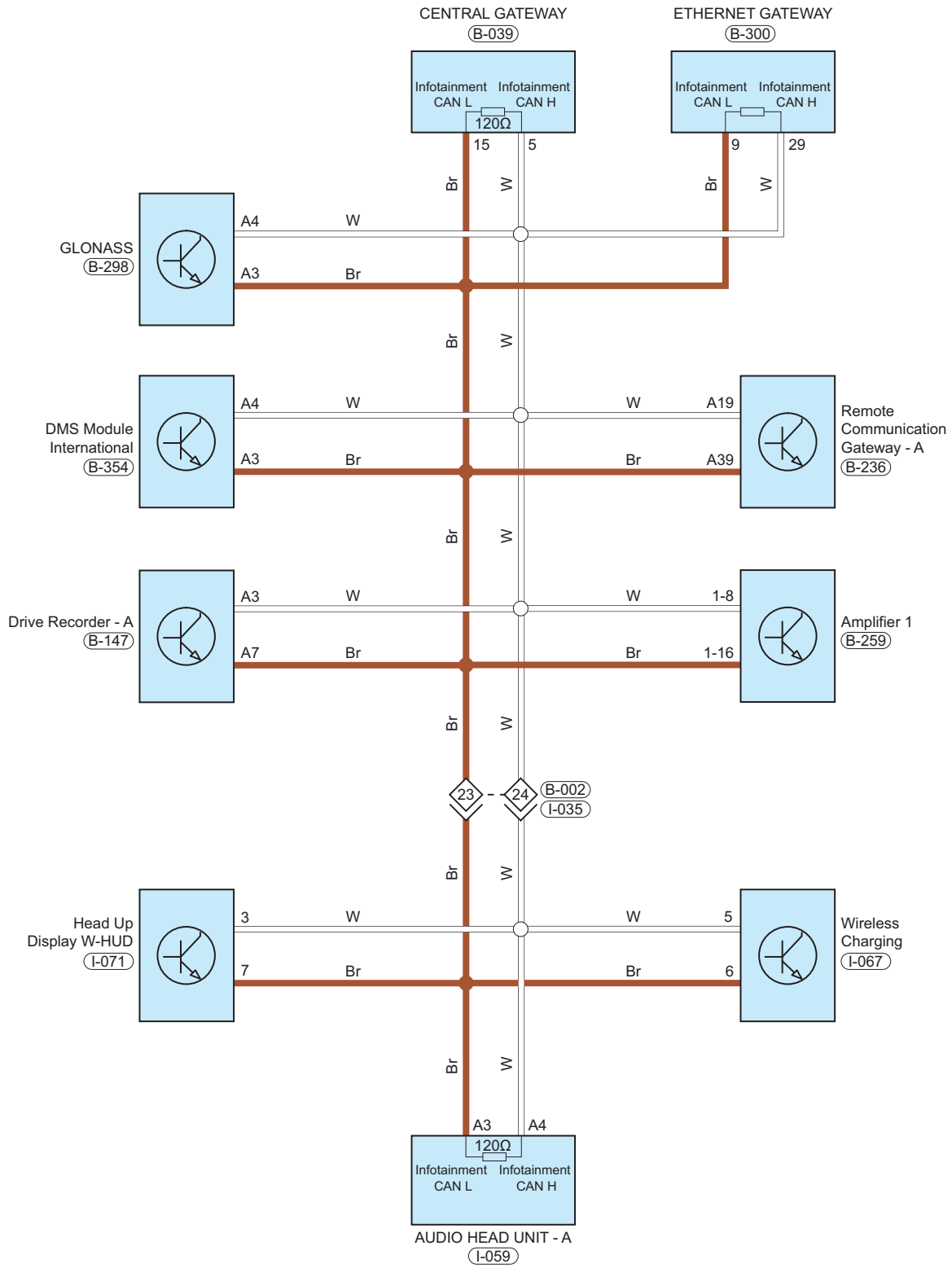


CAN System (Chassis CAN)



CAE005001

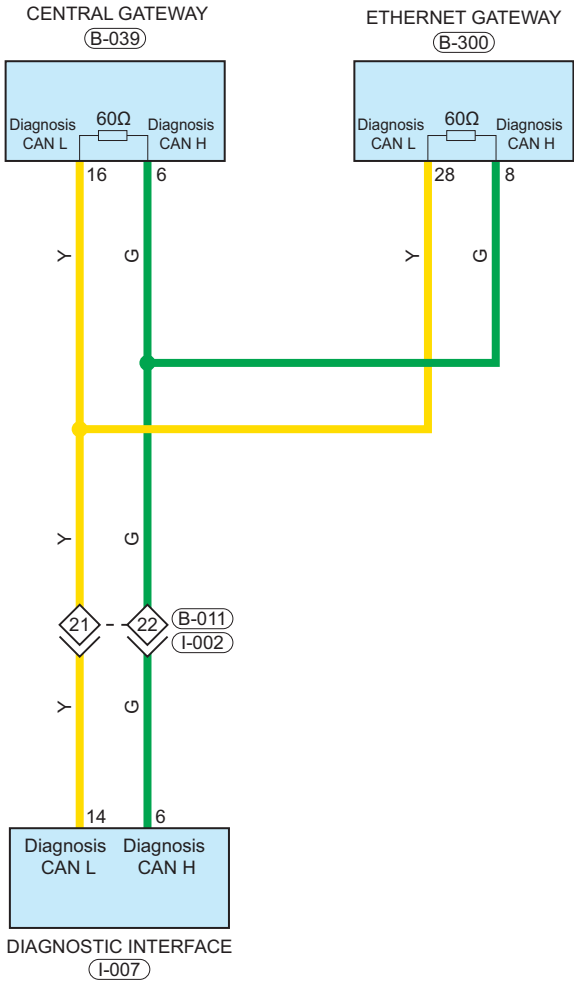
CAN System (Entertainment Information CAN)



11

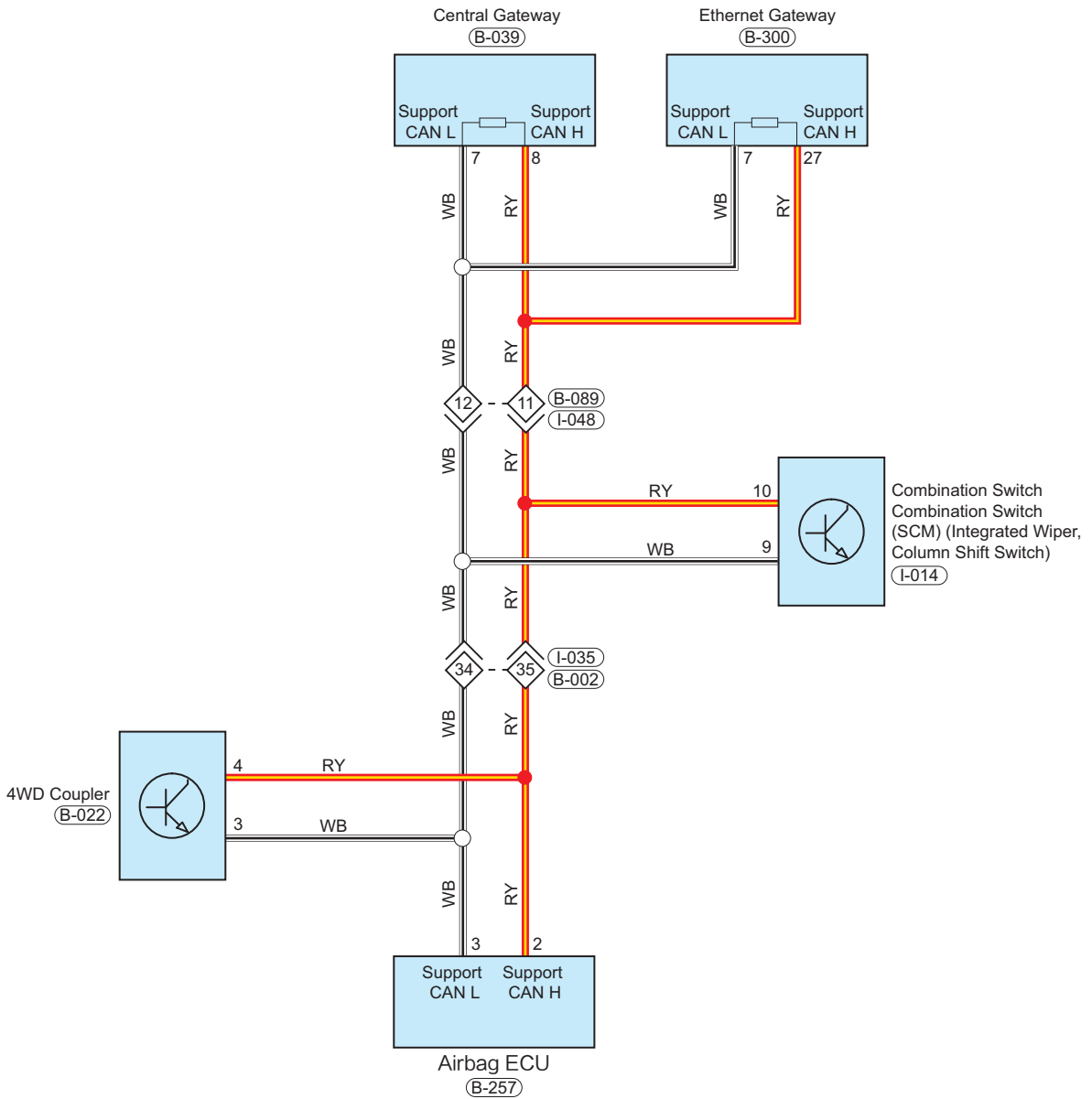
CAE007001

CAN System (Diagnosis CAN)



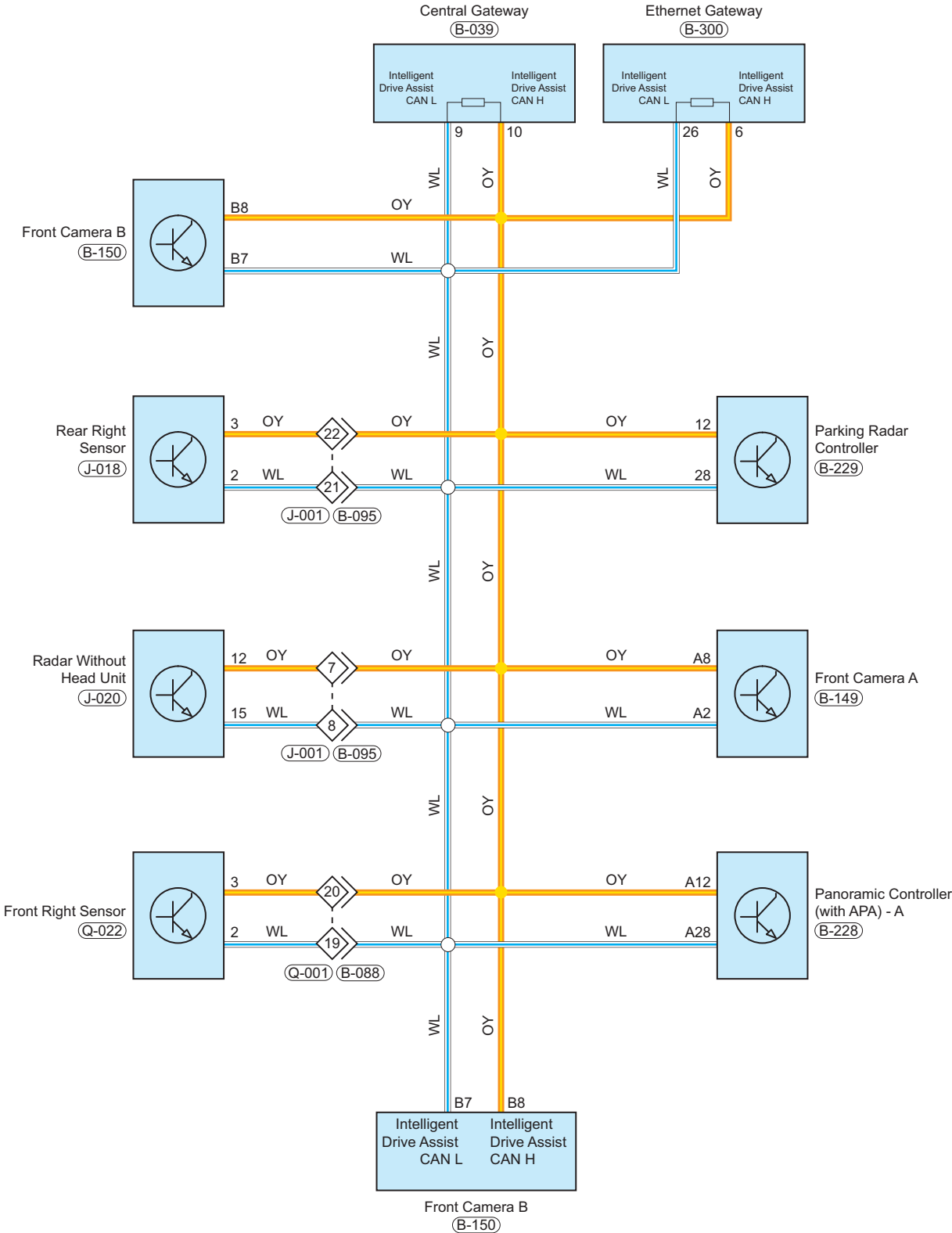
CAE009001

CAN System (Support CAN)



11

CAN System (Intelligent Drive Assist CAN)



CAE009003

CAN System

Wire Harness Connector	Name	Wire Harness Connector
B-002	Interior Wire Harness to Instrument Panel Wire Harness	10-32
B-011	Interior Wire Harness to Instrument Panel Wire Harness 3	10-32
B-014	EPS-A	10-32
B-022	4WD Coupler	10-43
B-037	Body Domain Control Module - J2	10-32
B-039	Central Gateway	10-32
B-040	ESC	10-29
B-044	TCU	10-29
B-088	Interior Wire Harness to Front Bumper Wire Harness	10-31
B-089	Interior Wire Harness to Instrument Panel Wire Harness	10-41
B-095	Interior Wire Harness to Rear Bumper Wire Harness	10-37
B-096	ECU (A)	10-29
B-115	Front Passenger Seat	10-40
B-147	Drive Recorder - A	10-44
B-149	Front Camera - A	10-44
B-229	Parking Radar Controller	10-40
B-236	Remote Communication Gateway	10-42
B-256	OBD	10-52
B-259	Amplifier 1	10-45
B-277	TCU-1.6	10-50
B-279	TCU-B	10-51
B-125	Back Door Controller - B	10-37
B-297	Rear A/C Control Panel	10-55
B-298	Glonass	10-56
B-300	Ethernet Gateway	10-60
B-302	Electric Side Step Controller - B	10-52
B-349	ECU (A)	10-29
I-001	Instrument Panel to Interior Wire Harness LH 1	10-89
I-002	Instrument Panel to Interior Wire Harness LH 2	10-89
I-007	Driver Diagnostic Interface OBD	10-90

Wire Harness Connector	Name	Wire Harness Connector
I-014	Combination Switch Module (SCM) (Integrated Wiper, Column Shift Switch)	10-90
I-035	Instrument Panel to Interior Center Wire Harness	10-84
I-042	Second Row A/C Panel	10-84
I-048	Instrument Panel to Interior Wire Harness RH	10-91
I-057	HVAC Assembly to A/C Wire Harness	10-91
I-059	Audio Head Unit - A	10-83
I-060	Audio Head Unit - B	10-83
I-061	Auto A/C Panel	10-83
I-067	Mobile Phone Wireless Charging Module	10-83
I-071	Head Up Display W-HUD	10-87
J-001	Interior Wire Harness to Rear Bumper Wire Harness	10-26
J-011	Rear Left Side Parking Assist Sensor	10-26
J-018	Rear Right Sensor	10-27
K-001	A/C Controller - A	10-113
K-003	Right Temperature Damper Servo Motor	10-113
Q-021	Front Left Sensor	10-23
Q-022	Front Right Sensor	10-24

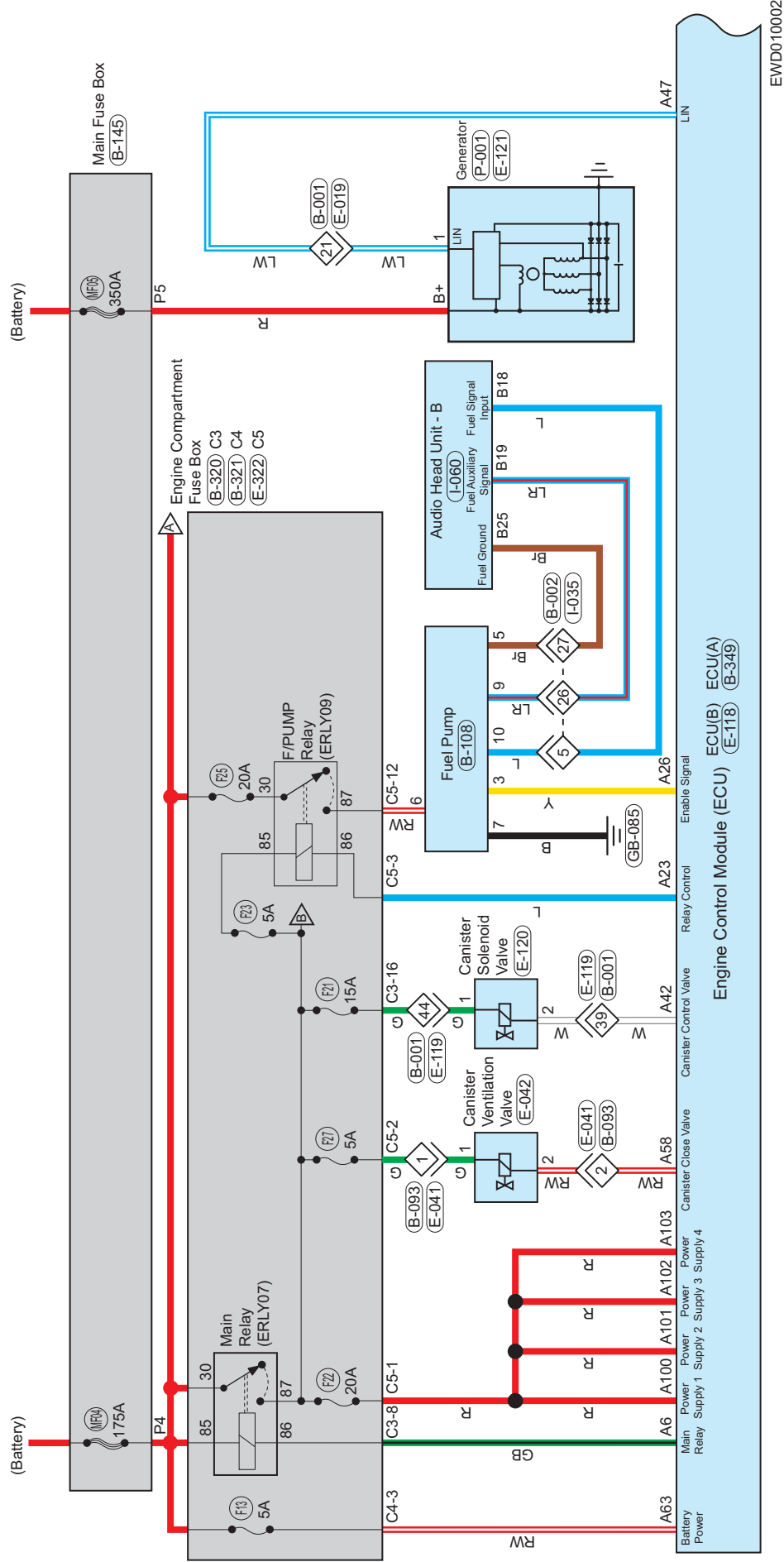
Overall Circuit Diagram

General Information

This section integrates the scattered system circuit diagrams according to the modules. This information is very important for finding and understanding the whole module circuit. When troubleshooting any problems, first understand operation of faulty circuit (refer to "system circuit" in related Repair Manual or circuit diagram).

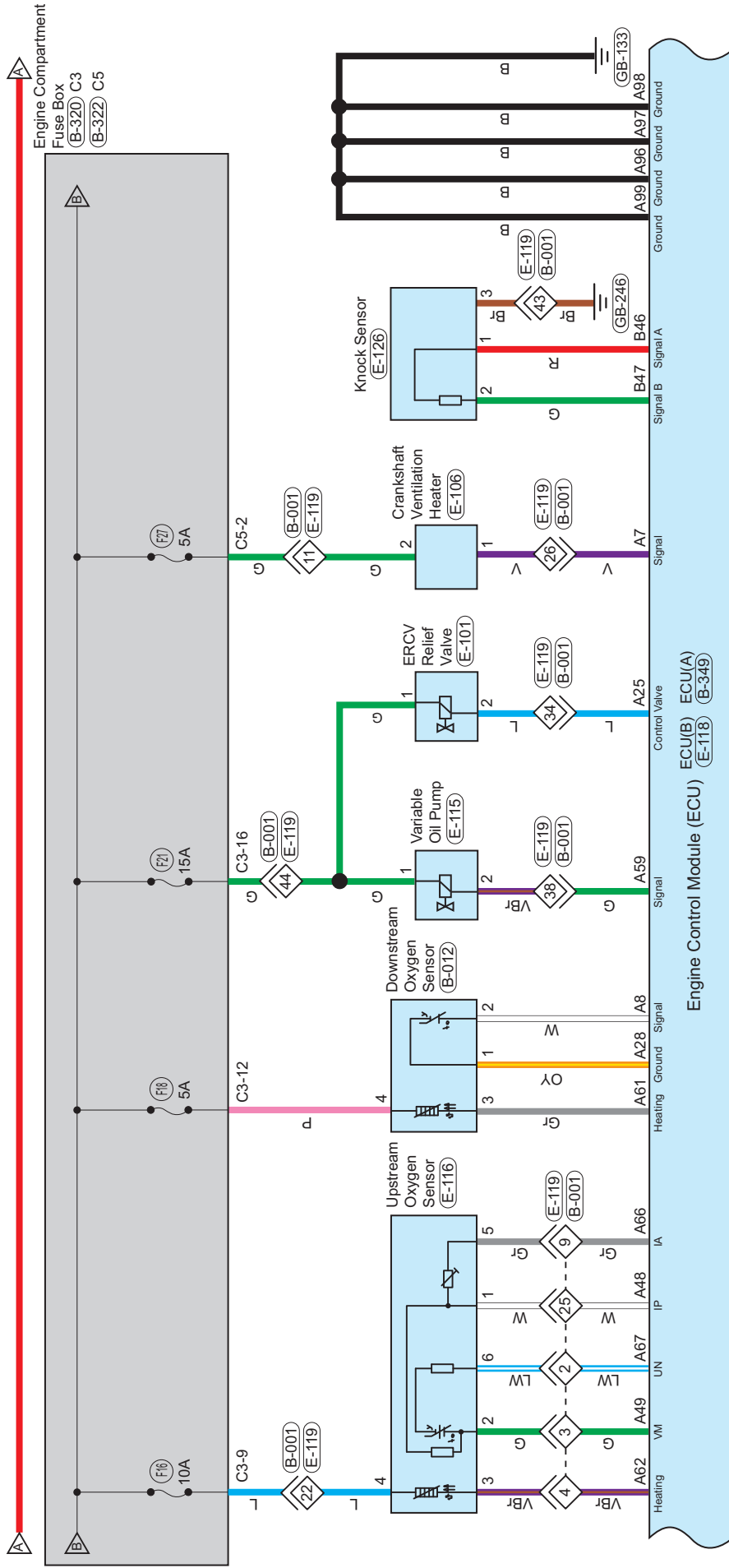
After understanding the circuit operation, troubleshoot the malfunction circuit to find out the cause, Then use "Wiring Harness Location Diagram" to find each wire harness, wire harness connector, and grounding points in related circuit. For specifications or detailed removal and installation procedures, please refer to the relevant repair manual.

Engine Control System 1.6T (EMS)



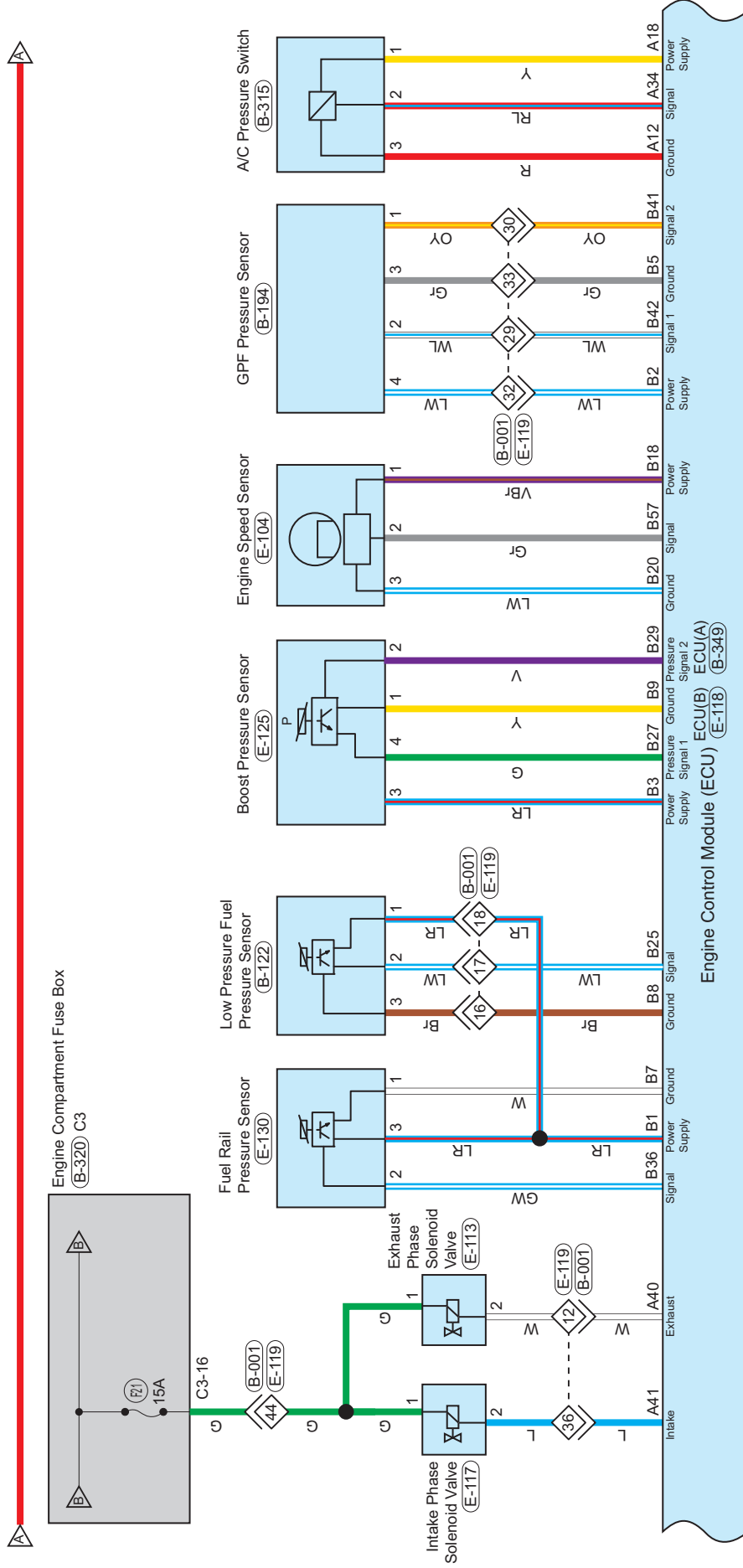
EWD010002

Engine Control System 1.6T (EMS)



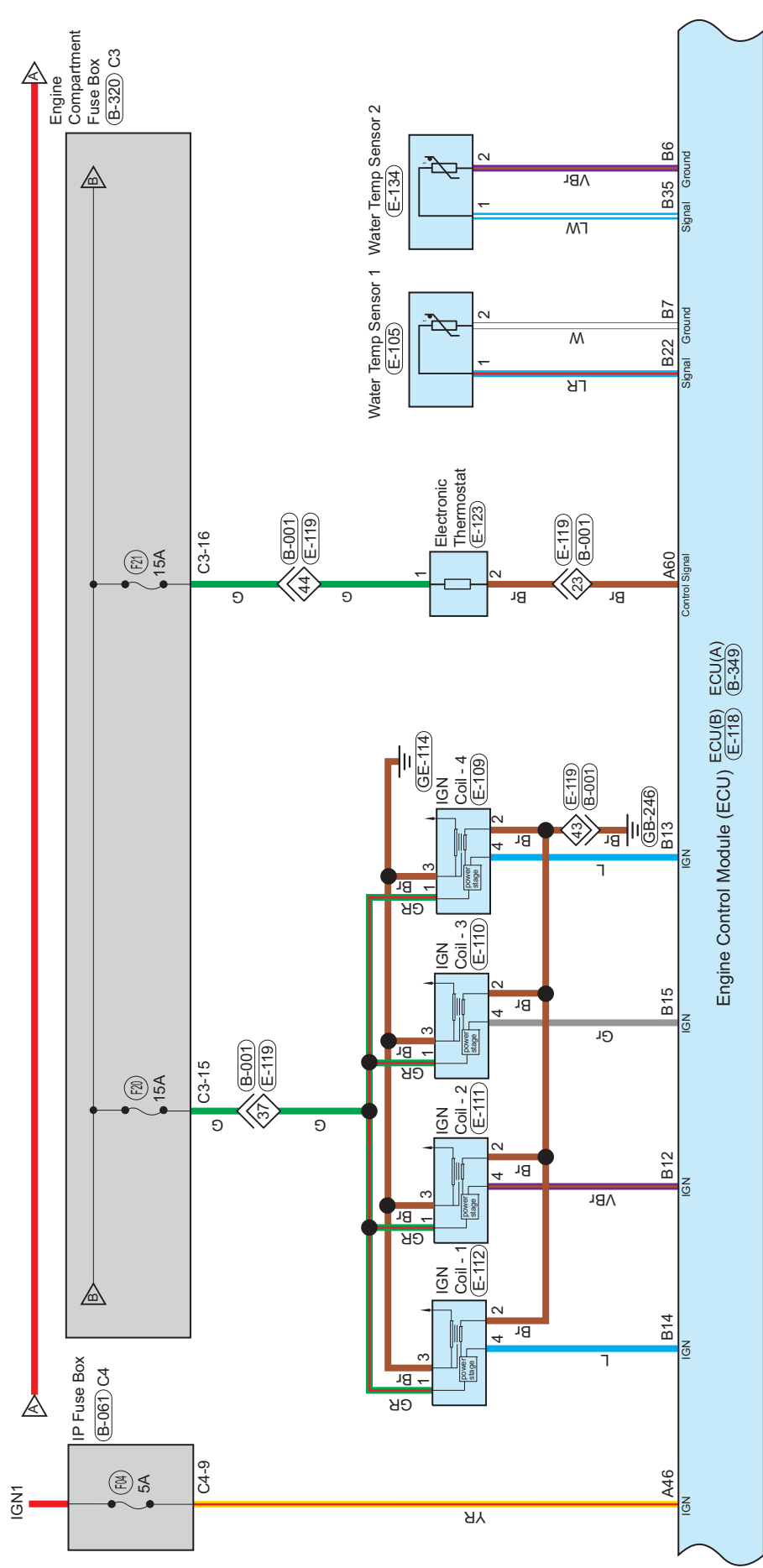
EWD011002

Engine Control System 1.6T (EMS)



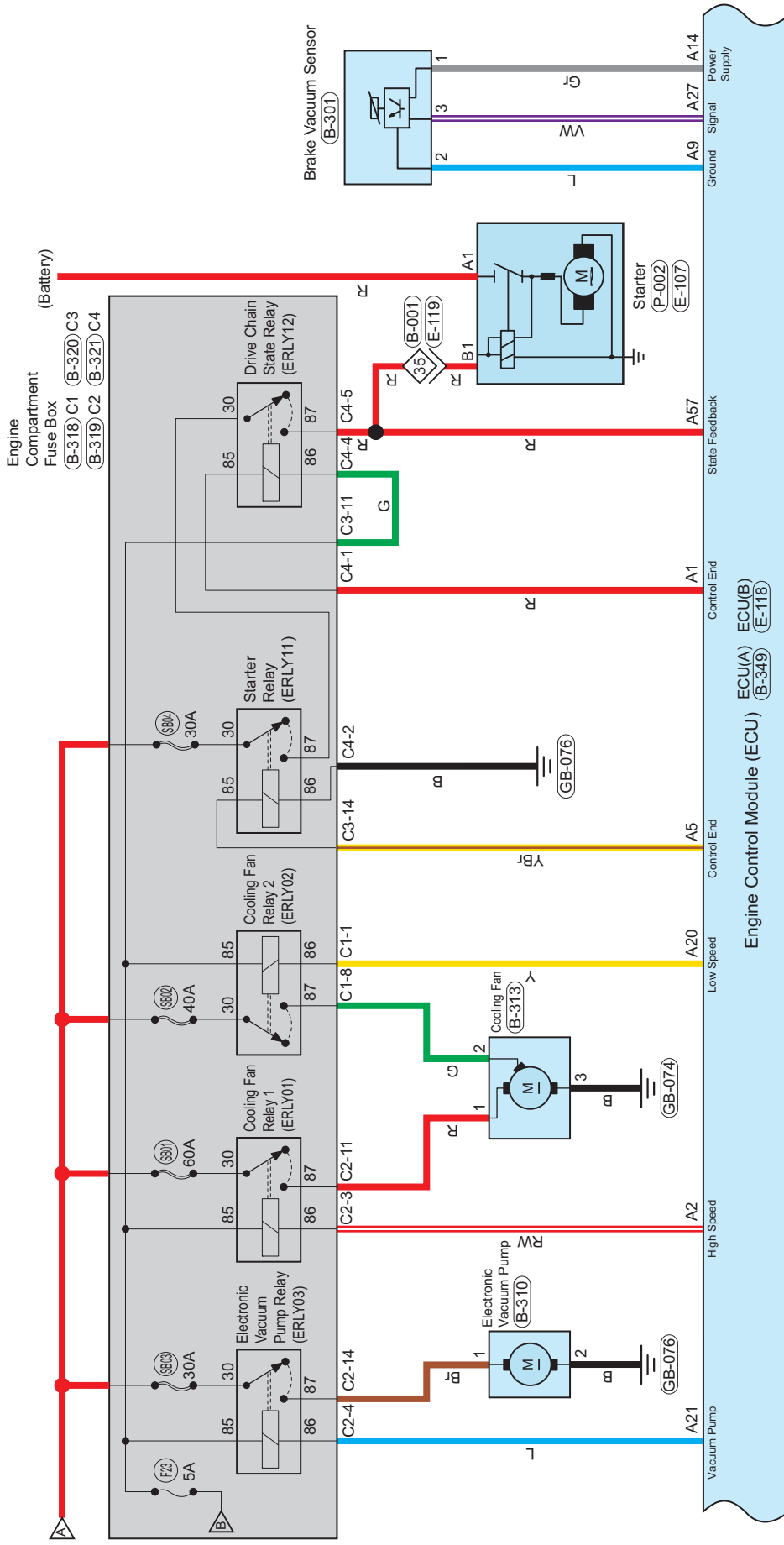
EWD012002

Engine Control System 1.6T (EMS)



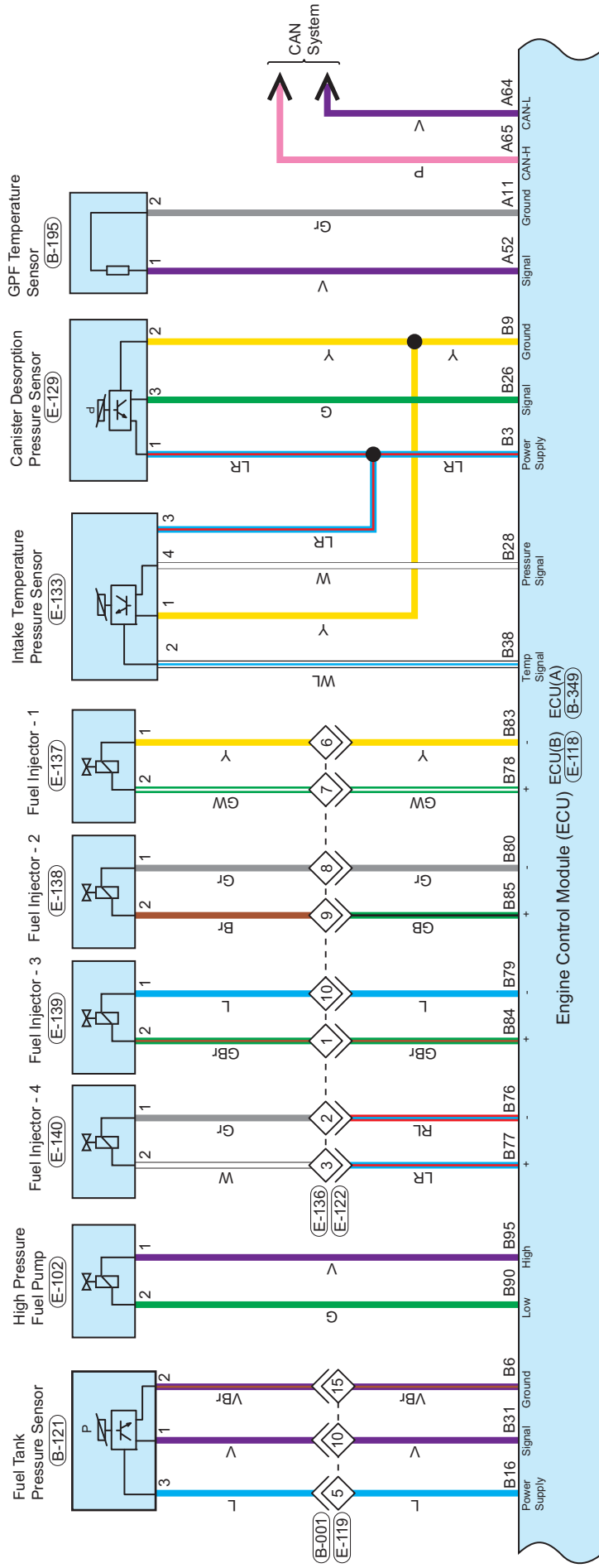
EWD013002

Engine Control System 1.6T (EMS)



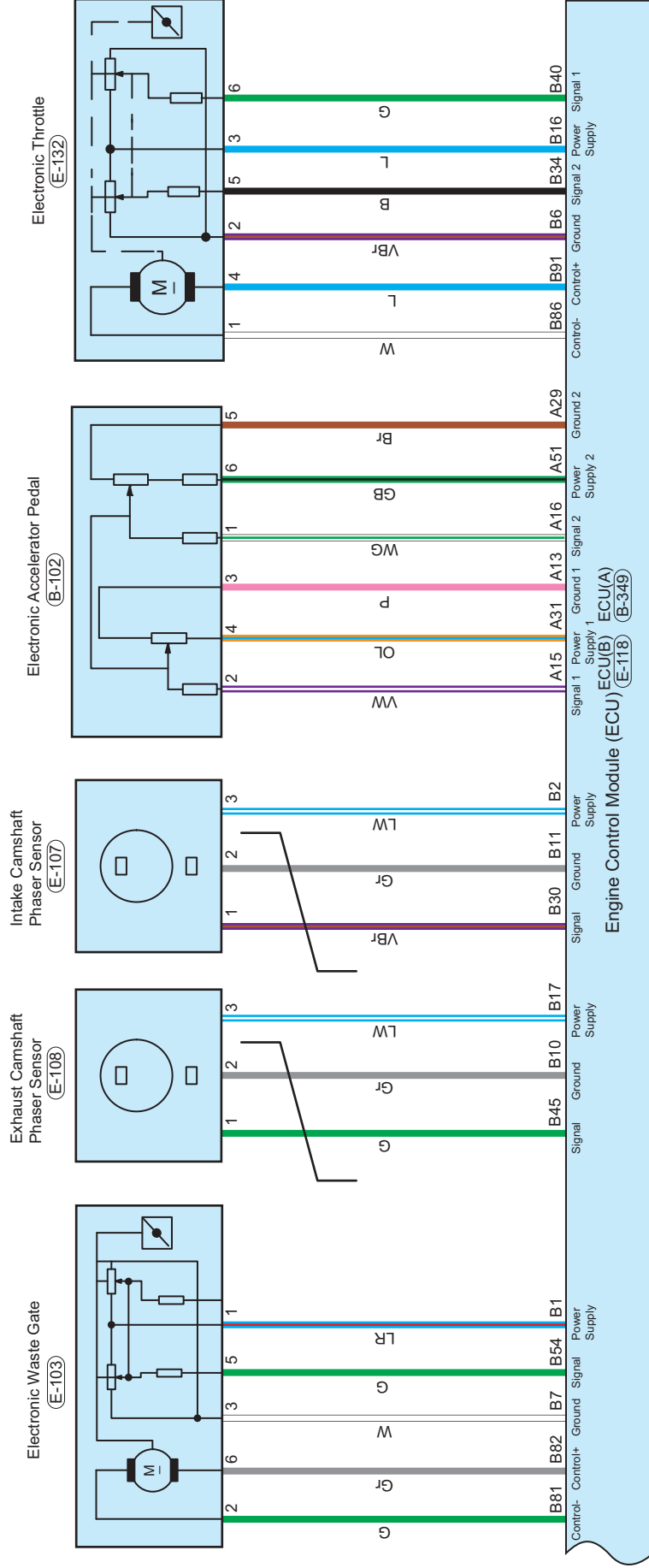
EWD014002

Engine Control System 1.6T (EMS)



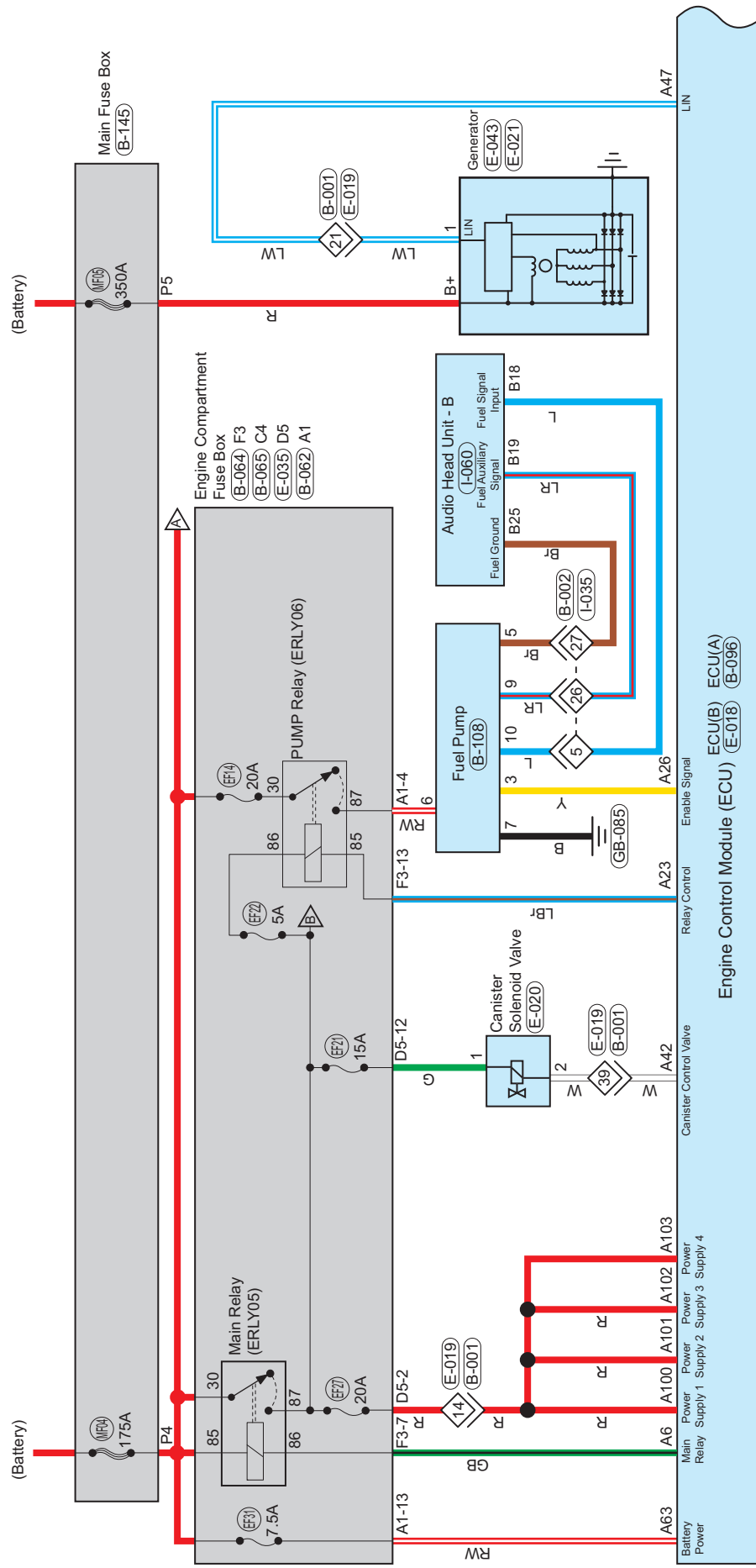
EWD015002

Engine Control System 1.6T (EMS)



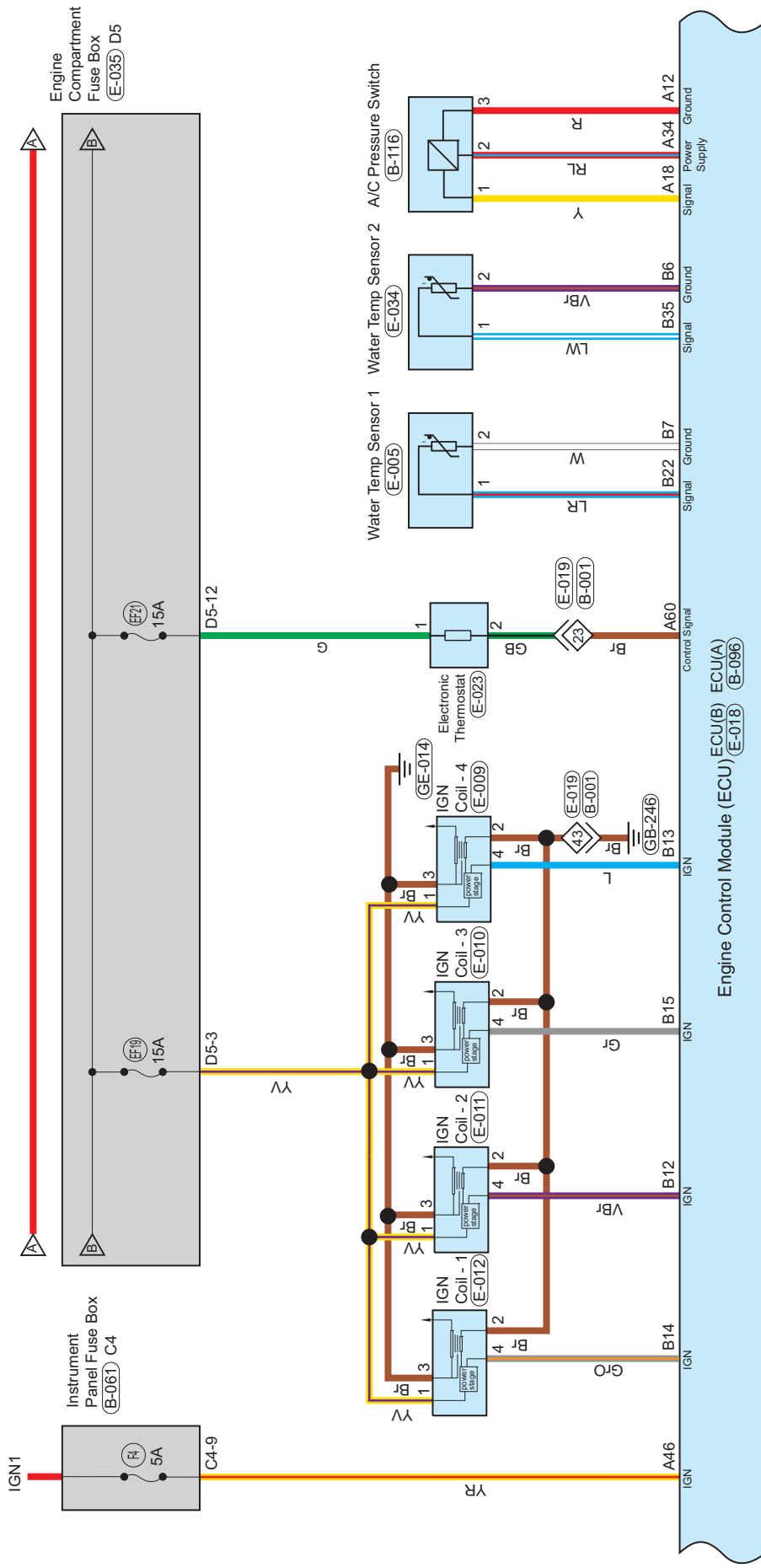
EWD016002

Engine Control System 2.0T (EMS)



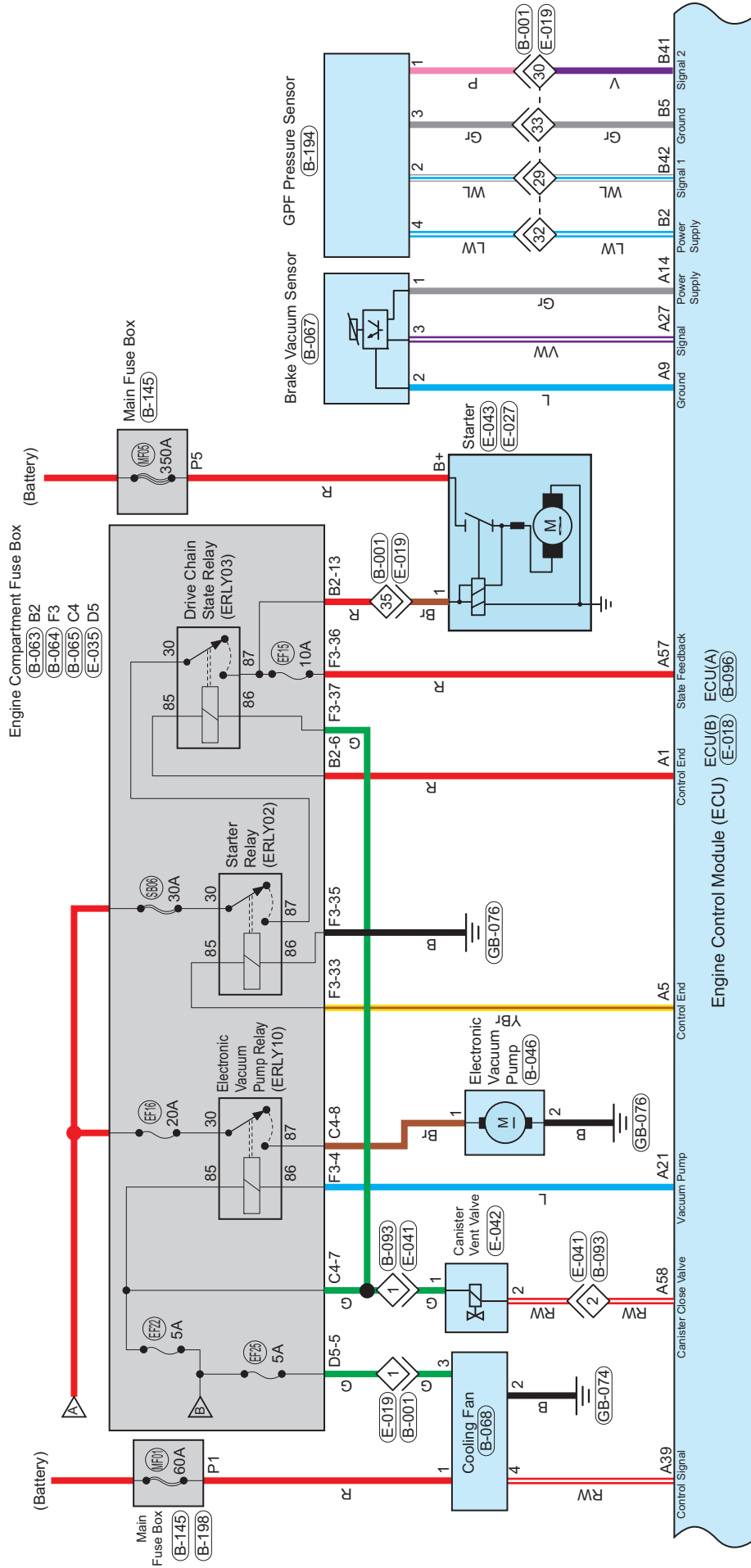
EWD010001

Engine Control System 2.0T (EMS)



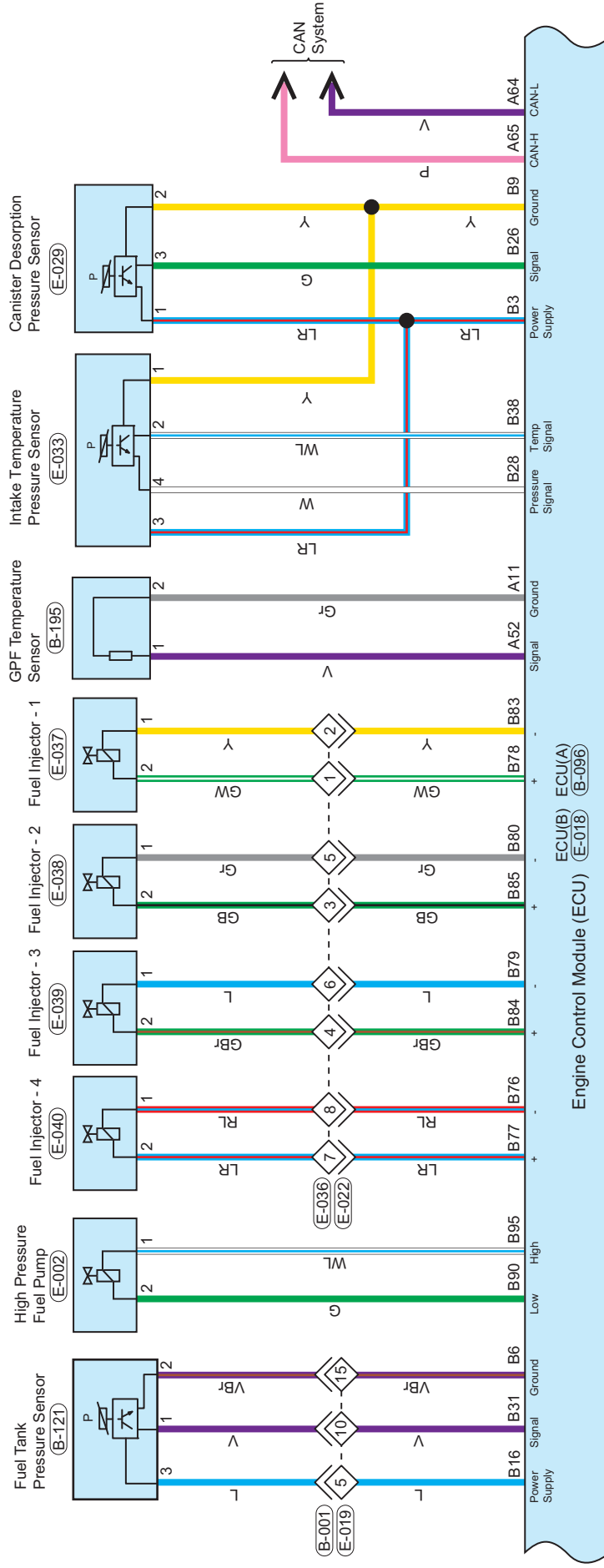
EWD013001

Engine Control System 2.0T (EMS)



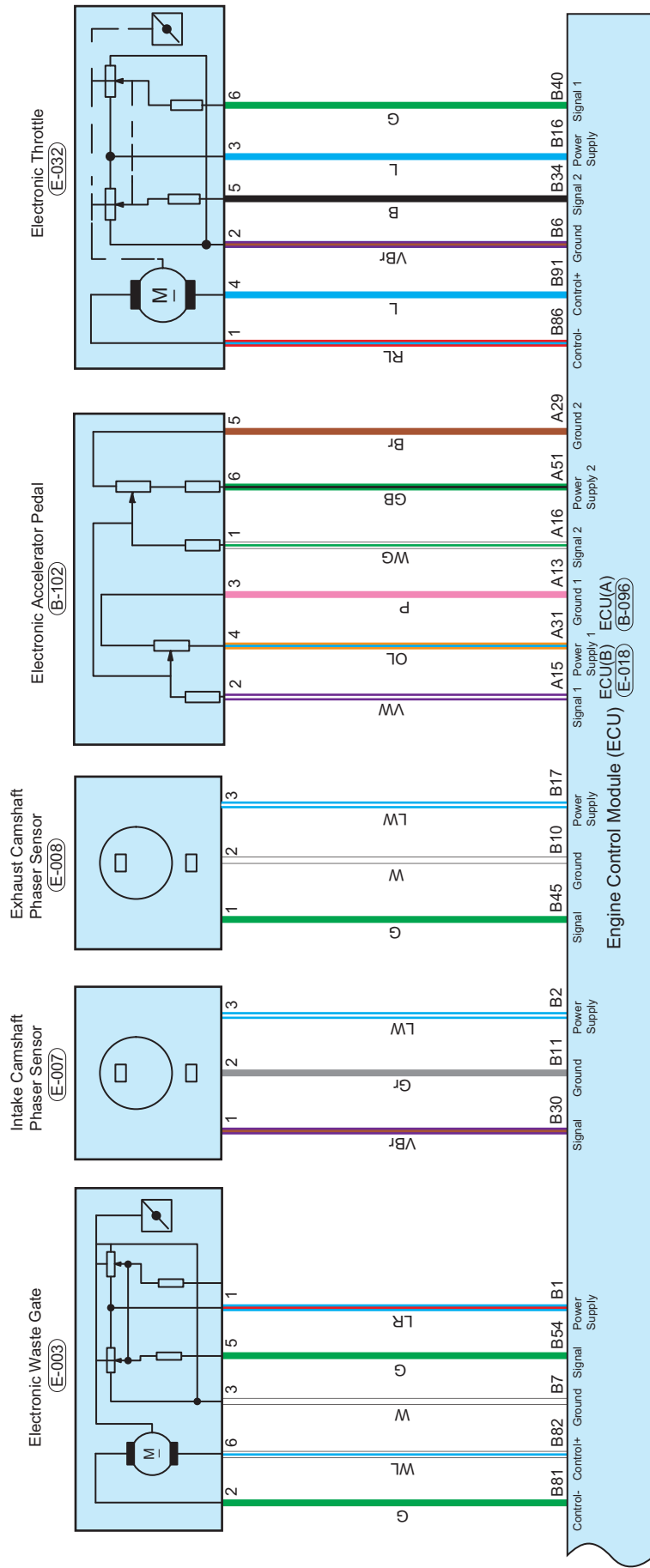
EWD014001

Engine Control System 2.0T (EMS)



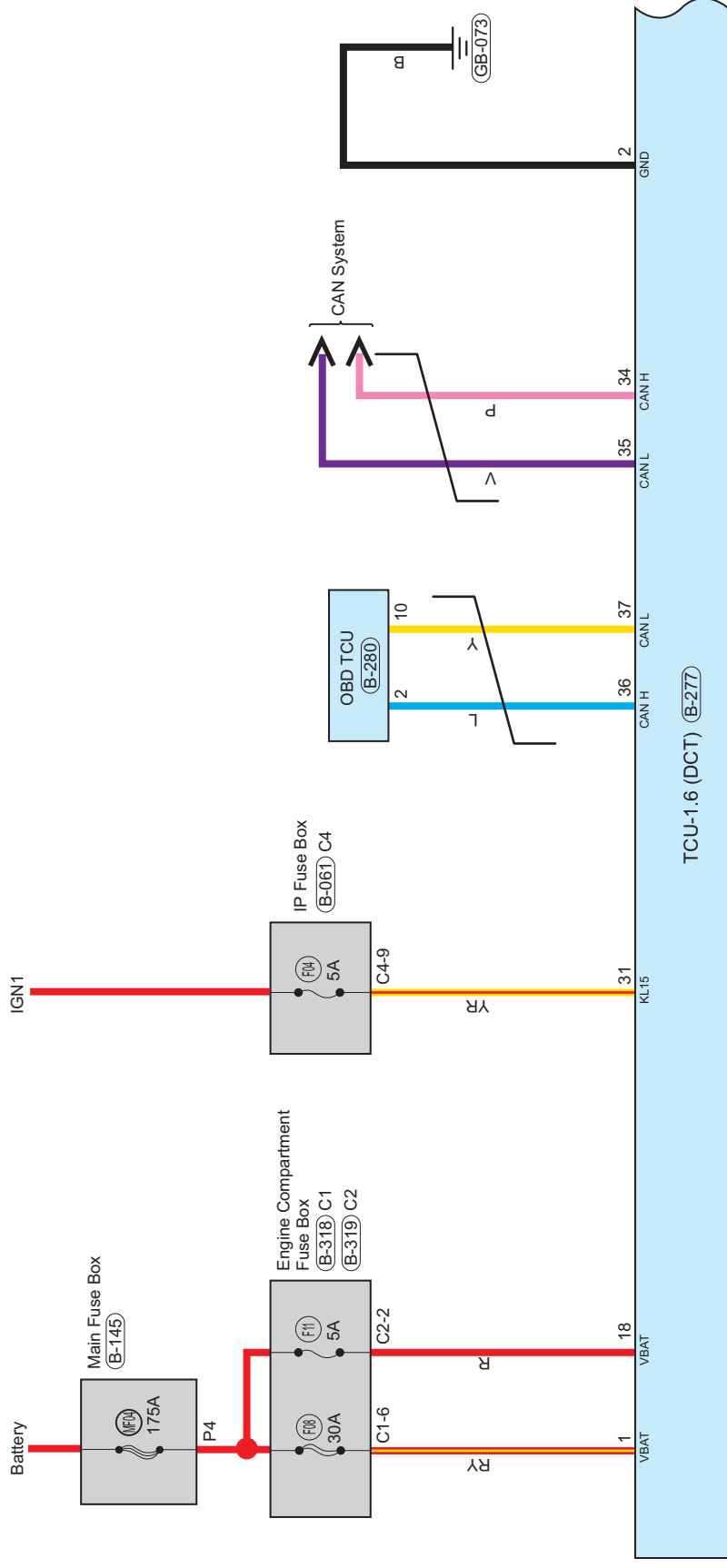
EWD015001

Engine Control System 2.0T (EMS)



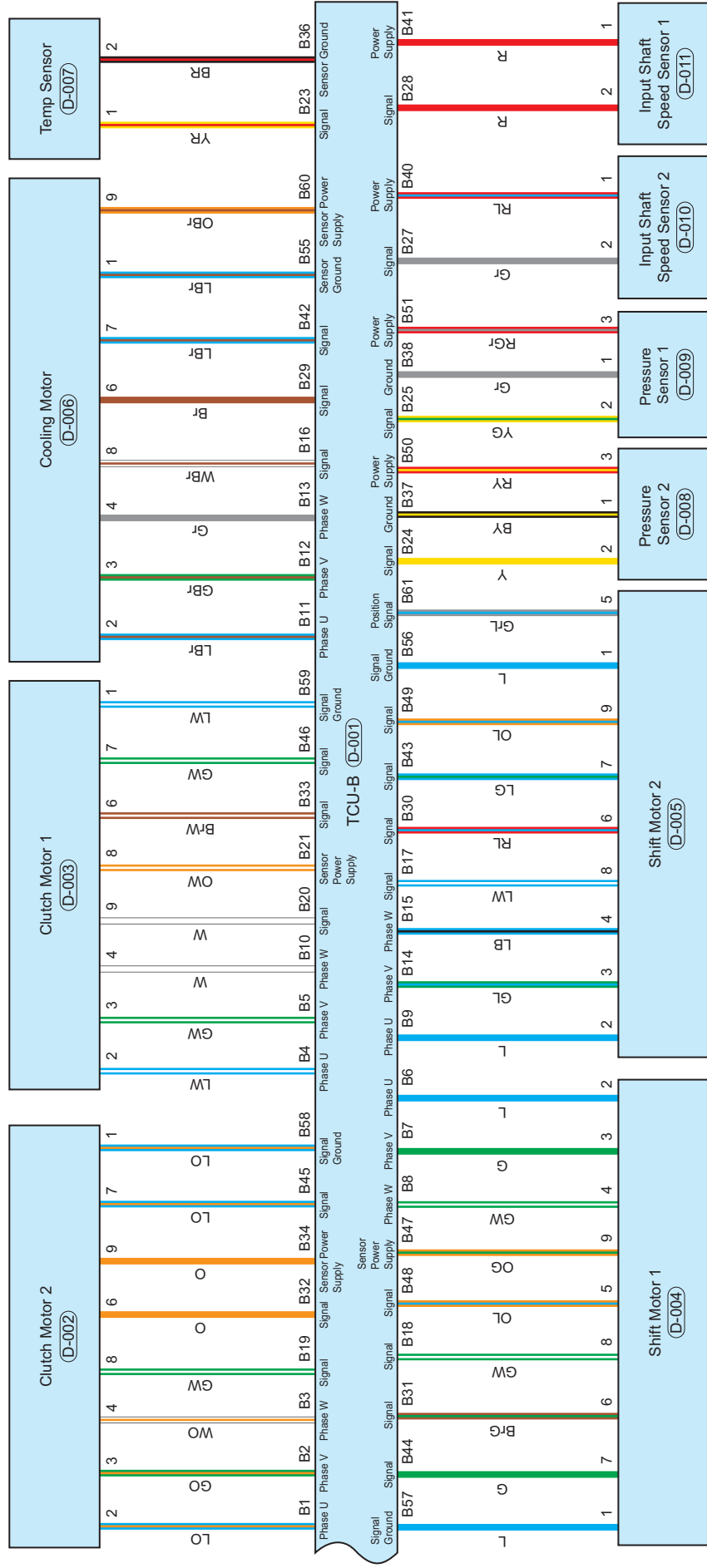
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7DCT Transmission Control System (TCU)



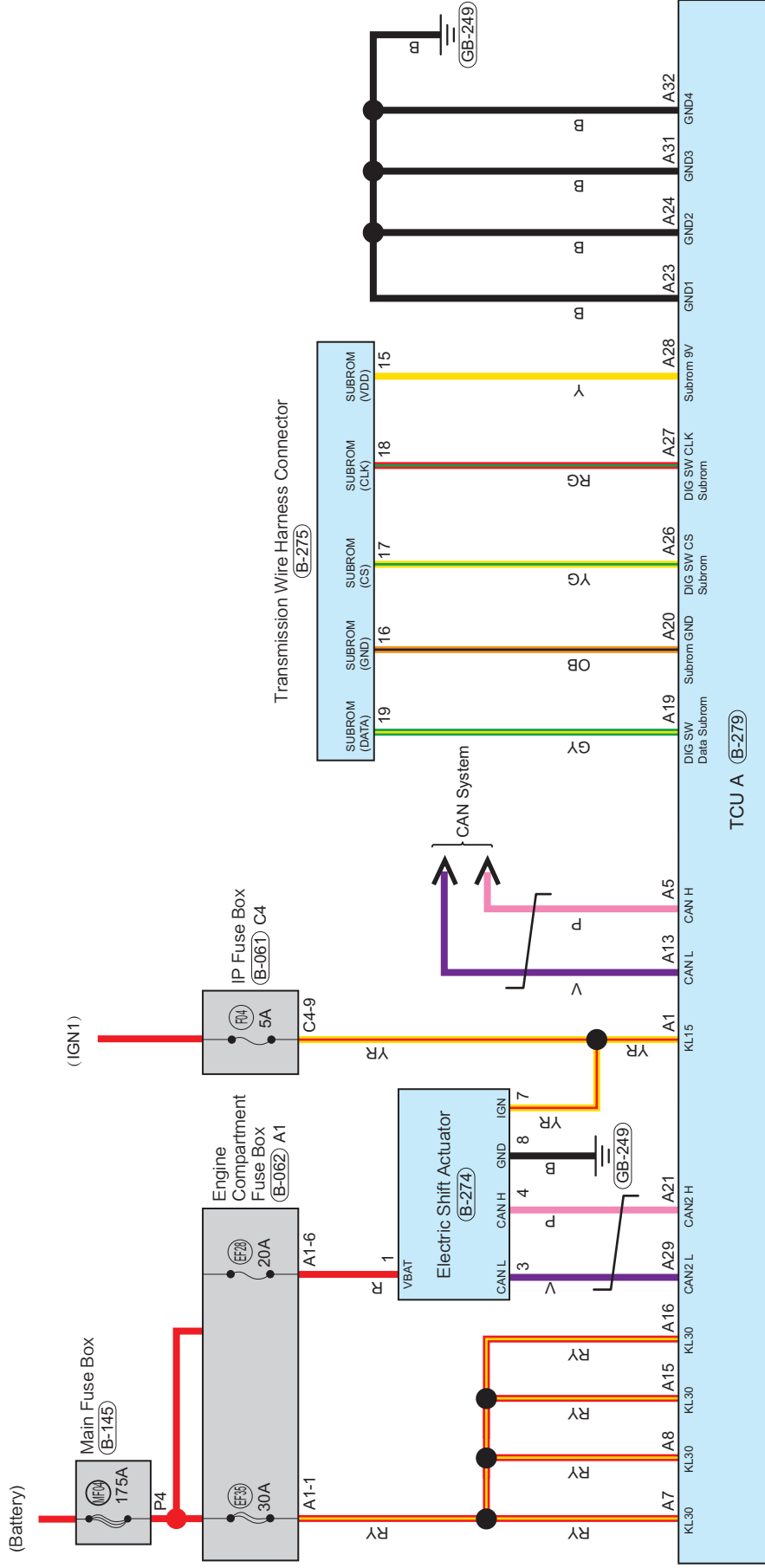
EWD018003

7DCT Transmission Control System (TCU)



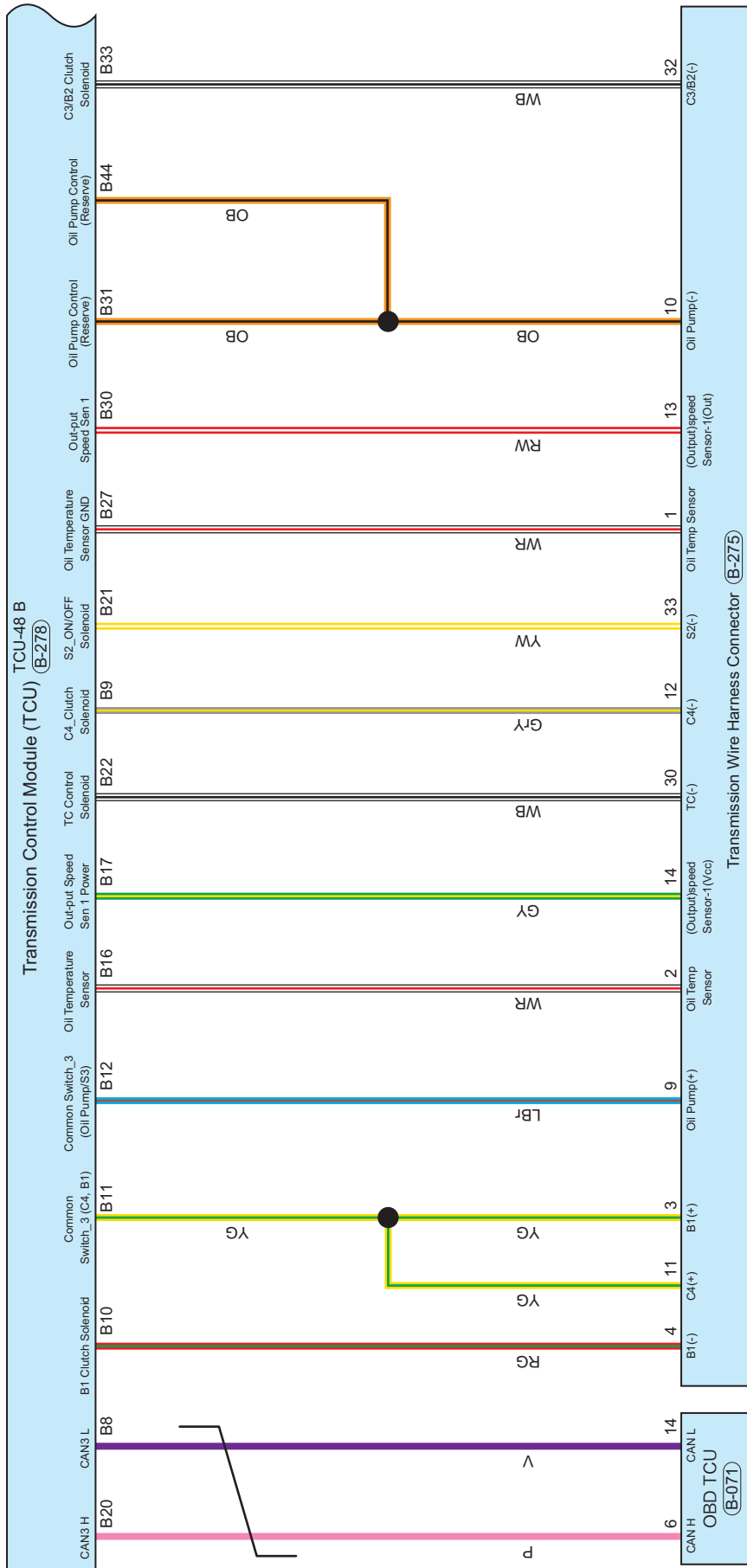
EWD018004

8AT Transmission Control System (TCU)



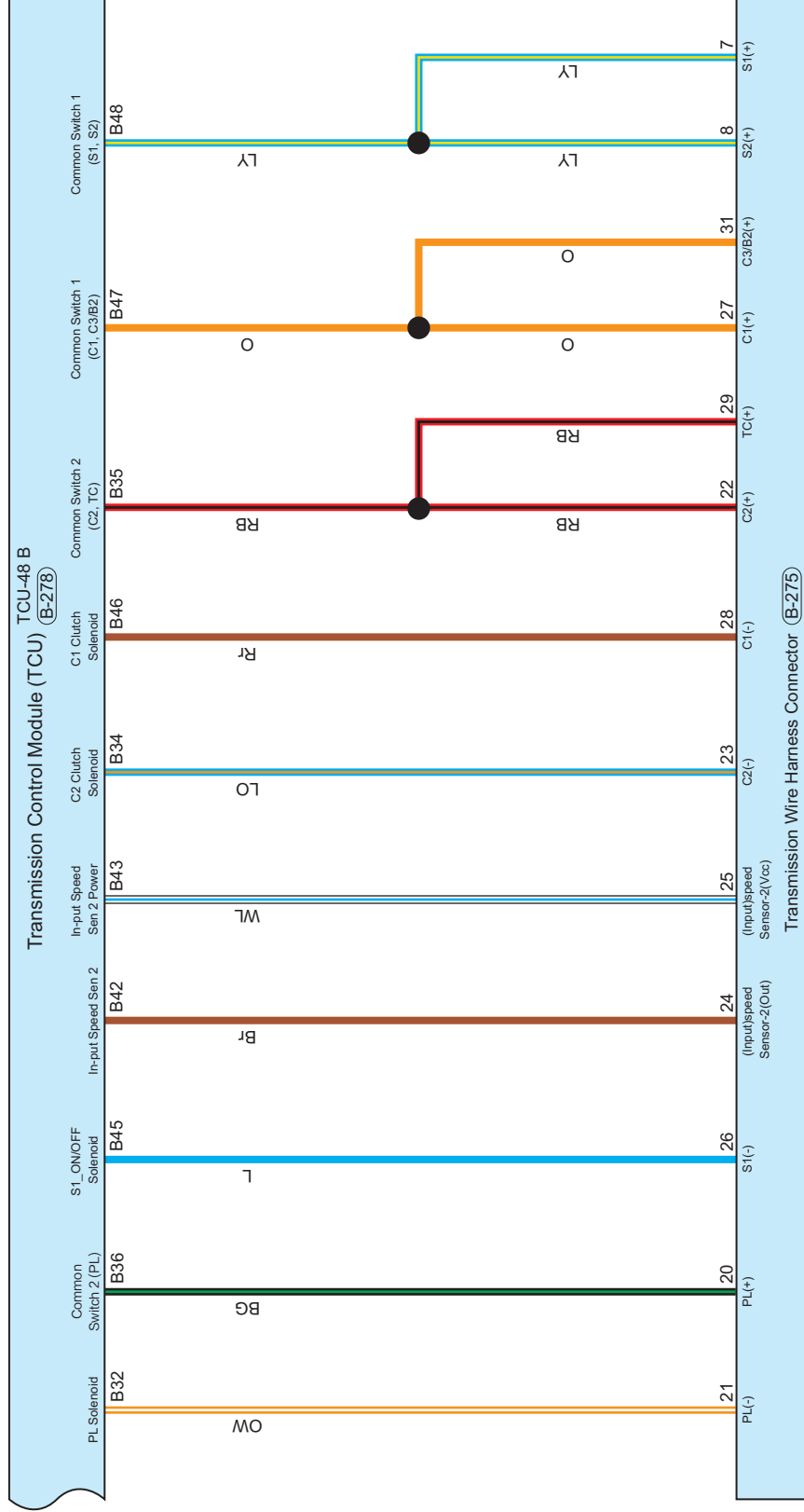
EWD017001

8AT Transmission Control System (TCU)



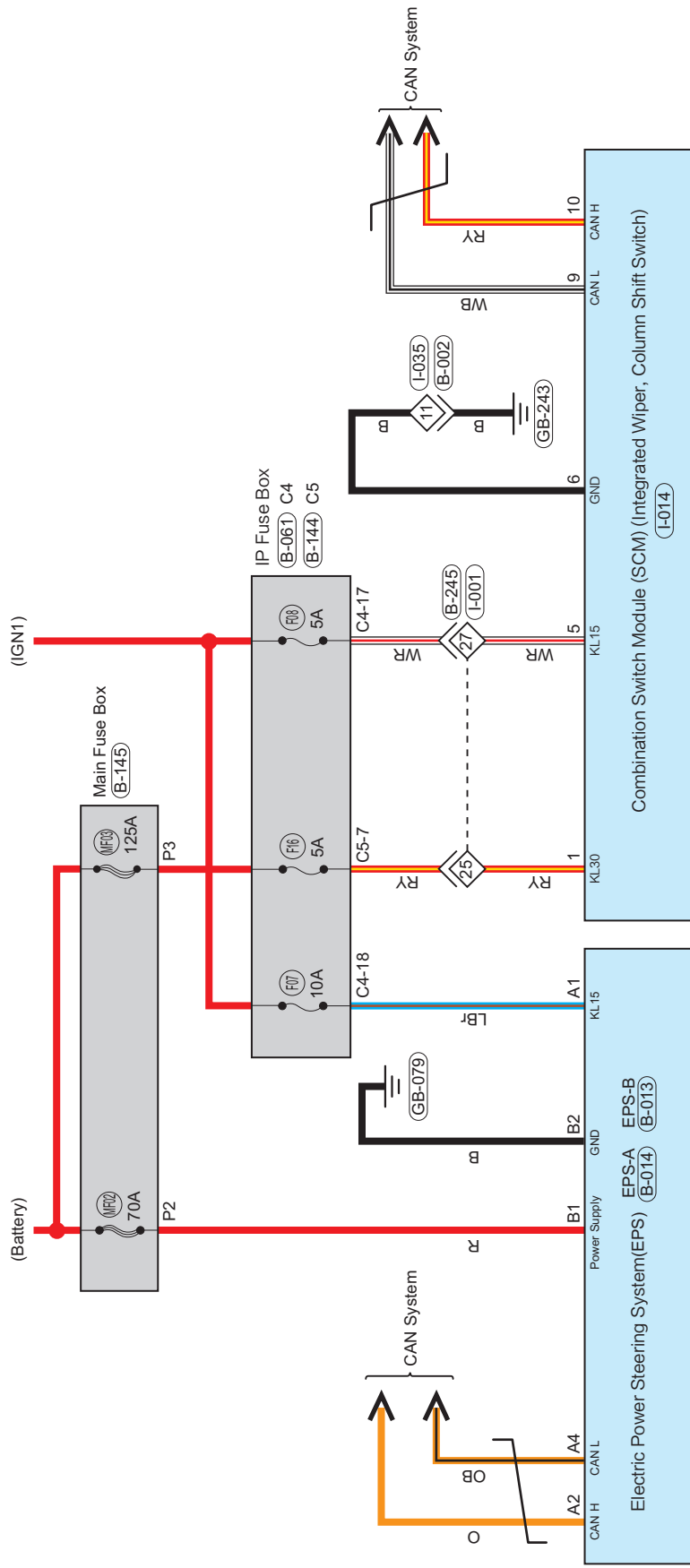
EWD018001

8AT Transmission Control System (TCU)



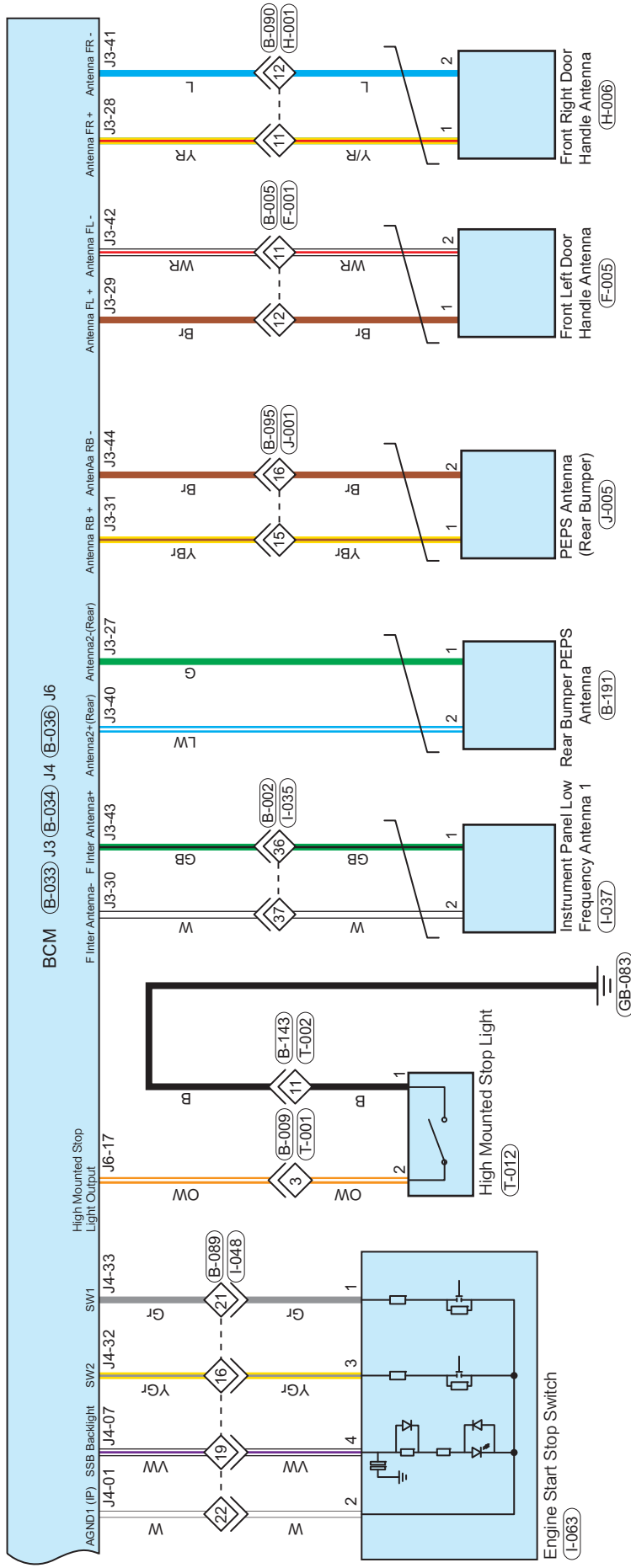
EWD018002

Electric Power Steering System (EPS)/Combination Switch (SCM)

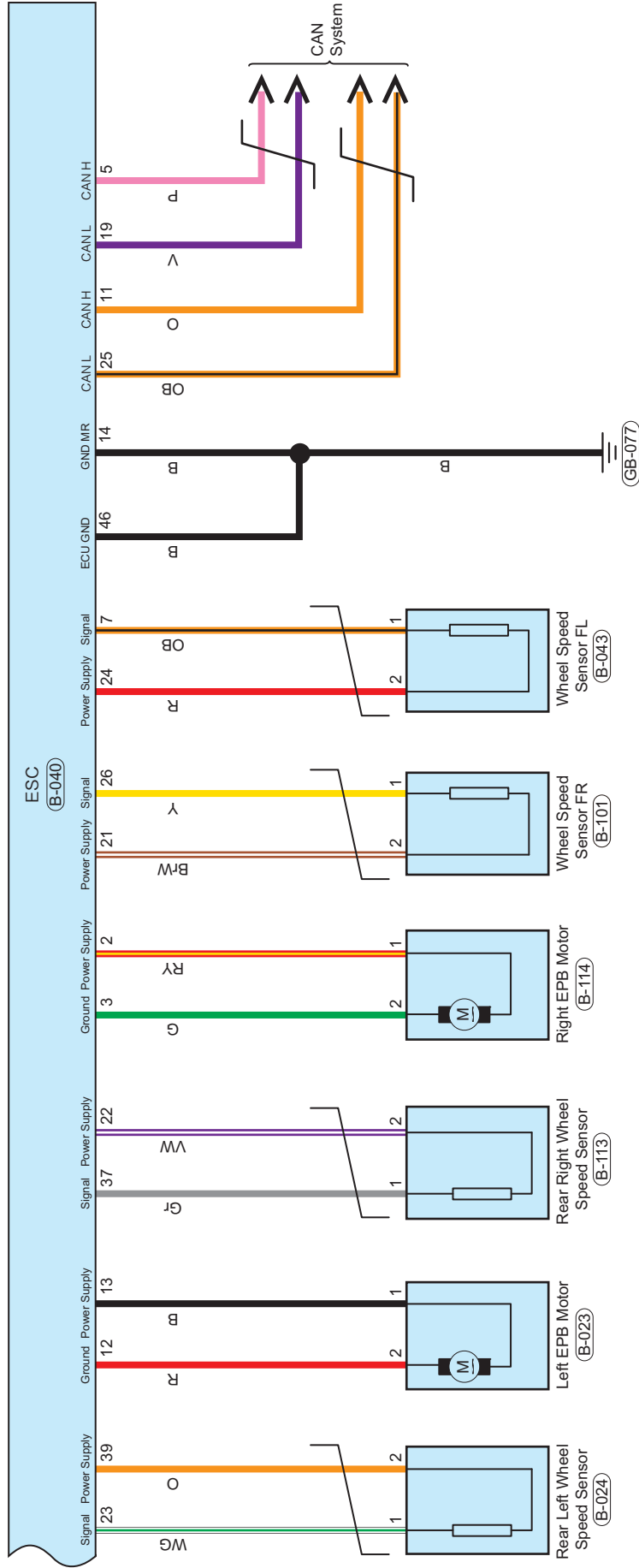


EWD019001

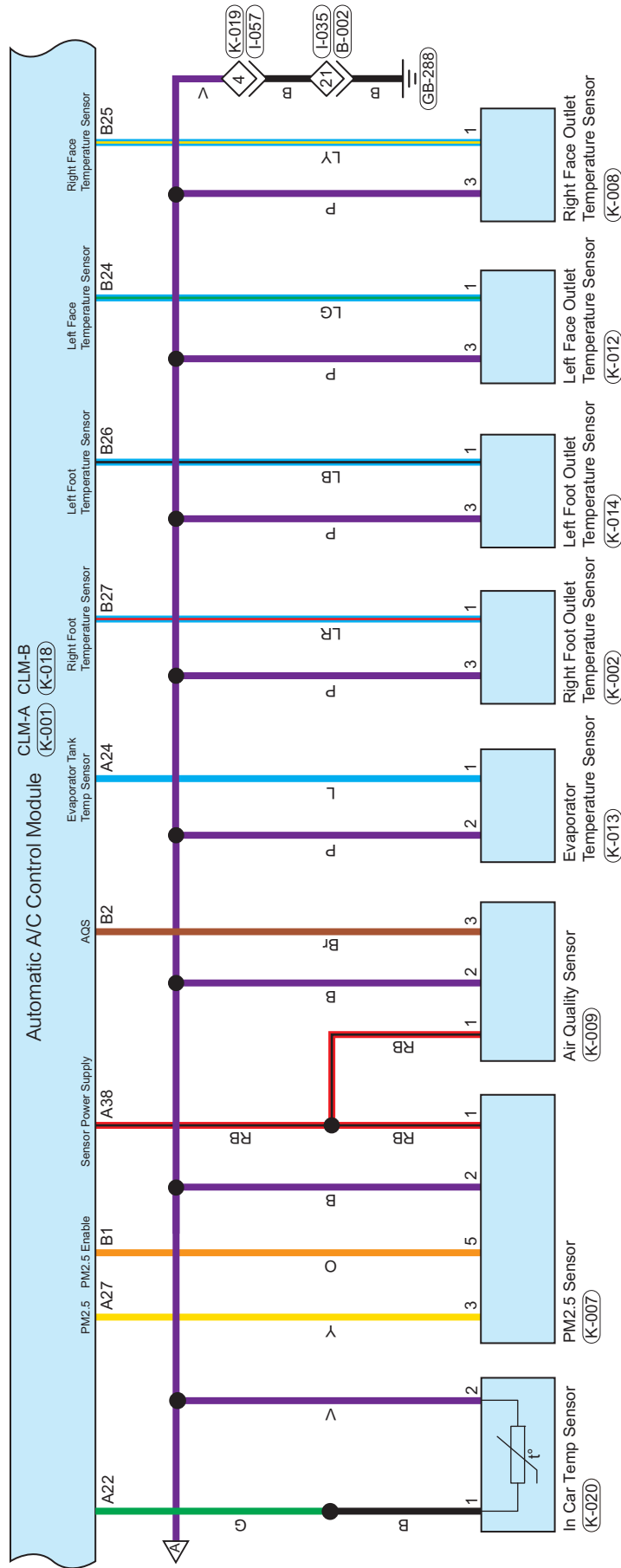
Passive Entry and Passive Start System



Electronic Stability System (Integrated EPB Module)

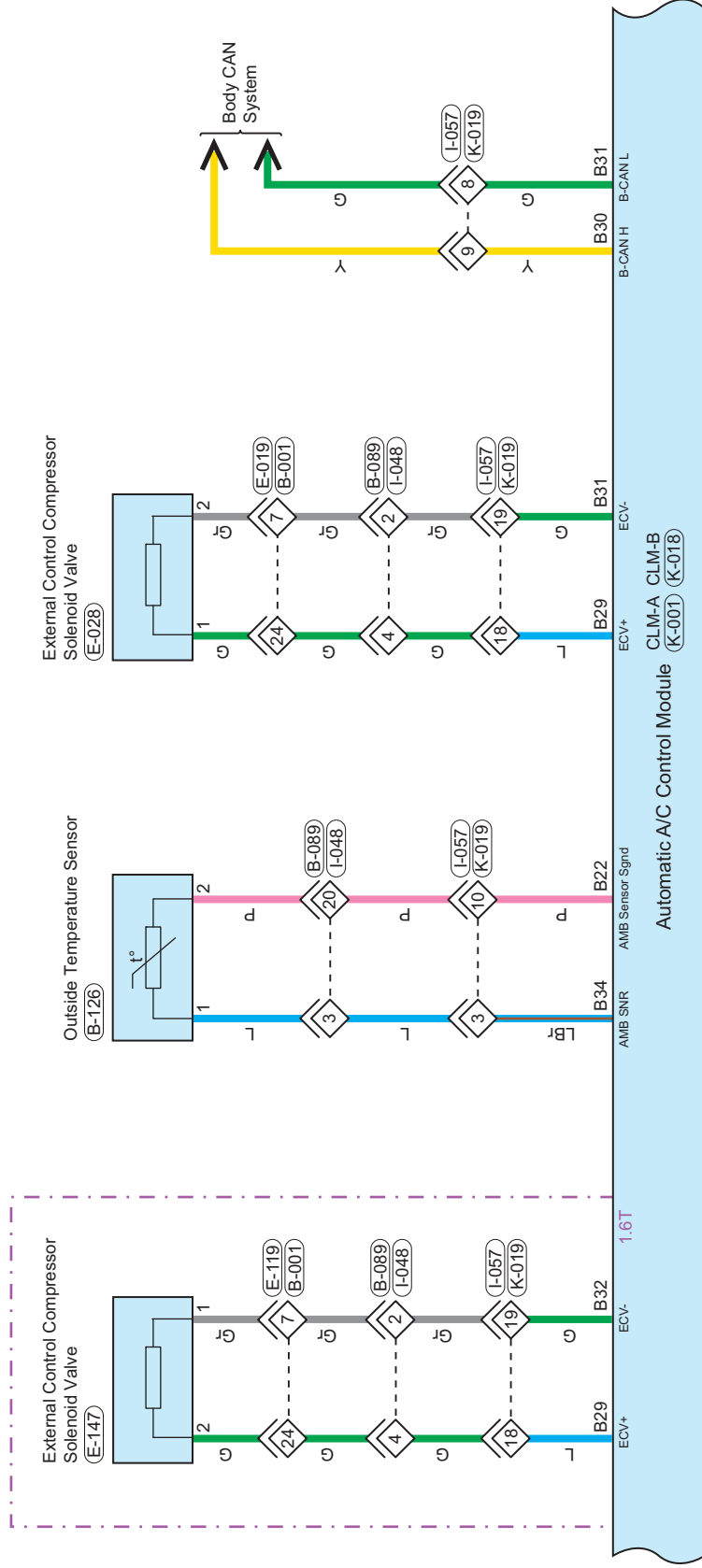


Automatic A/C System (CLM)



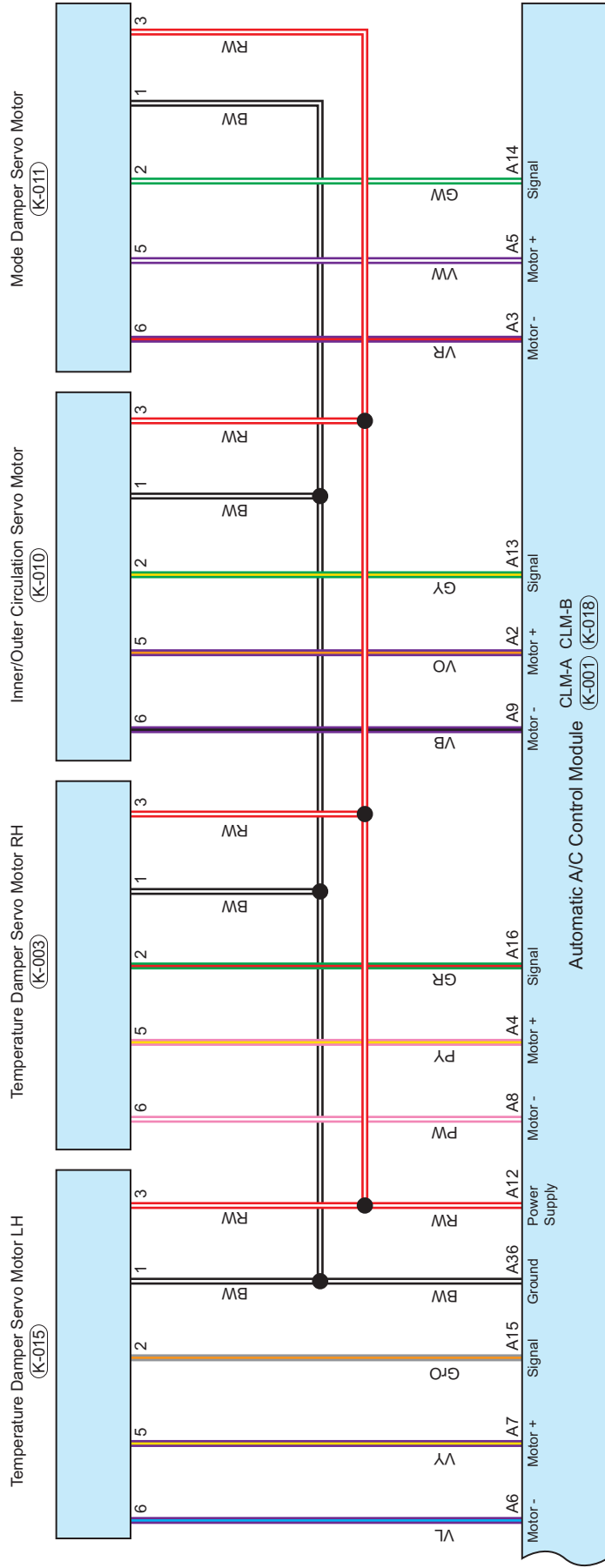
EWD025001

Automatic A/C System (CLM)



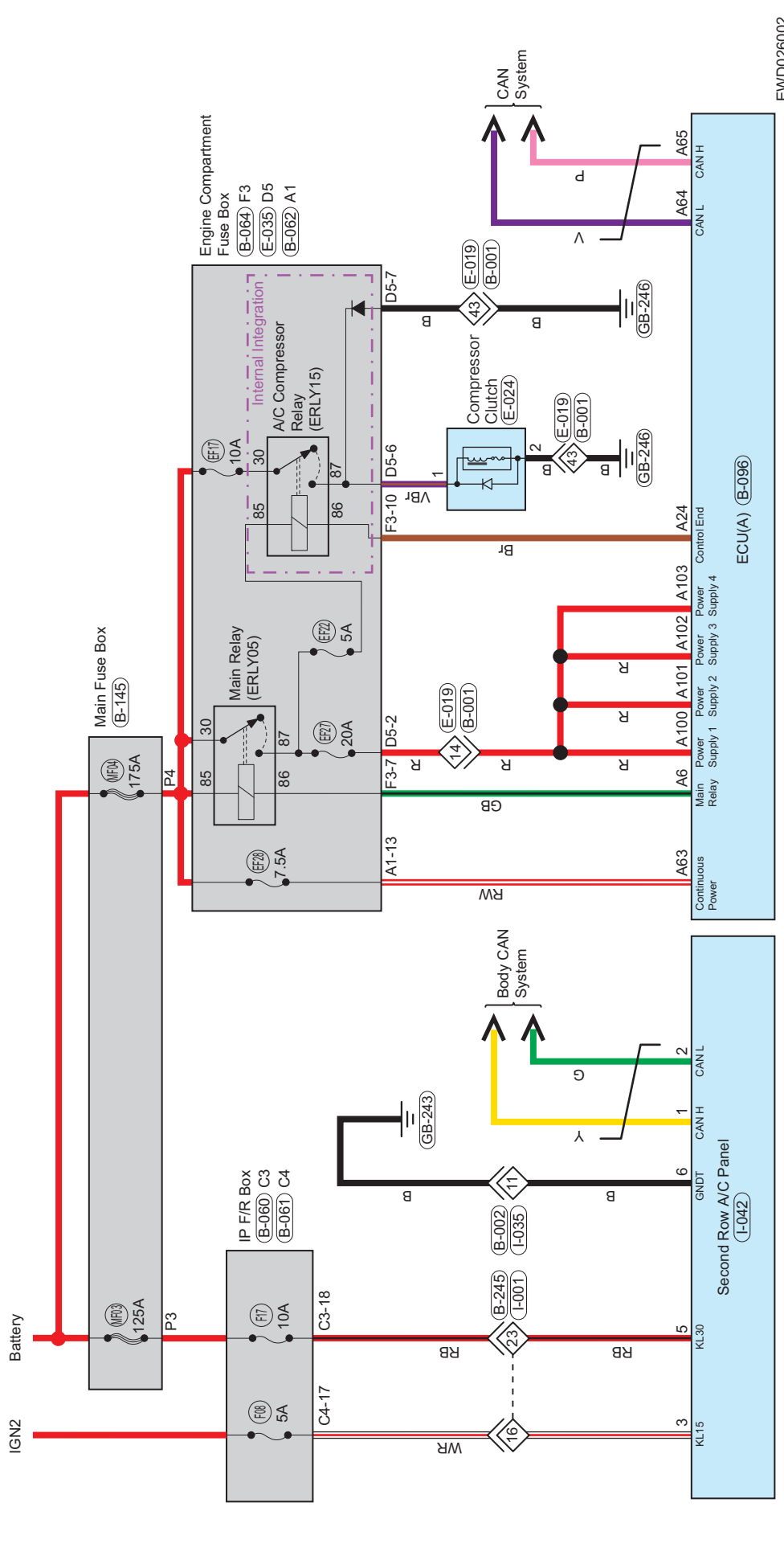
EWD025002

Automatic A/C System (CLM)



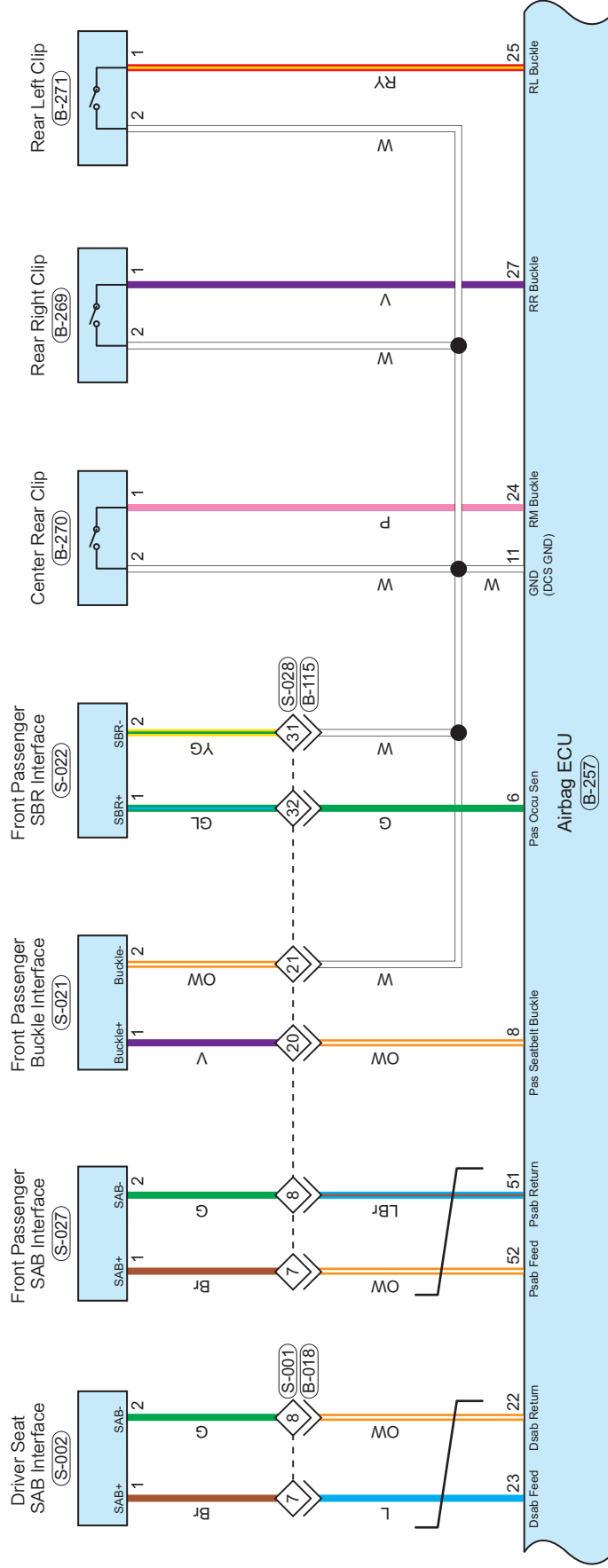
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Automatic A/C System (CLM)



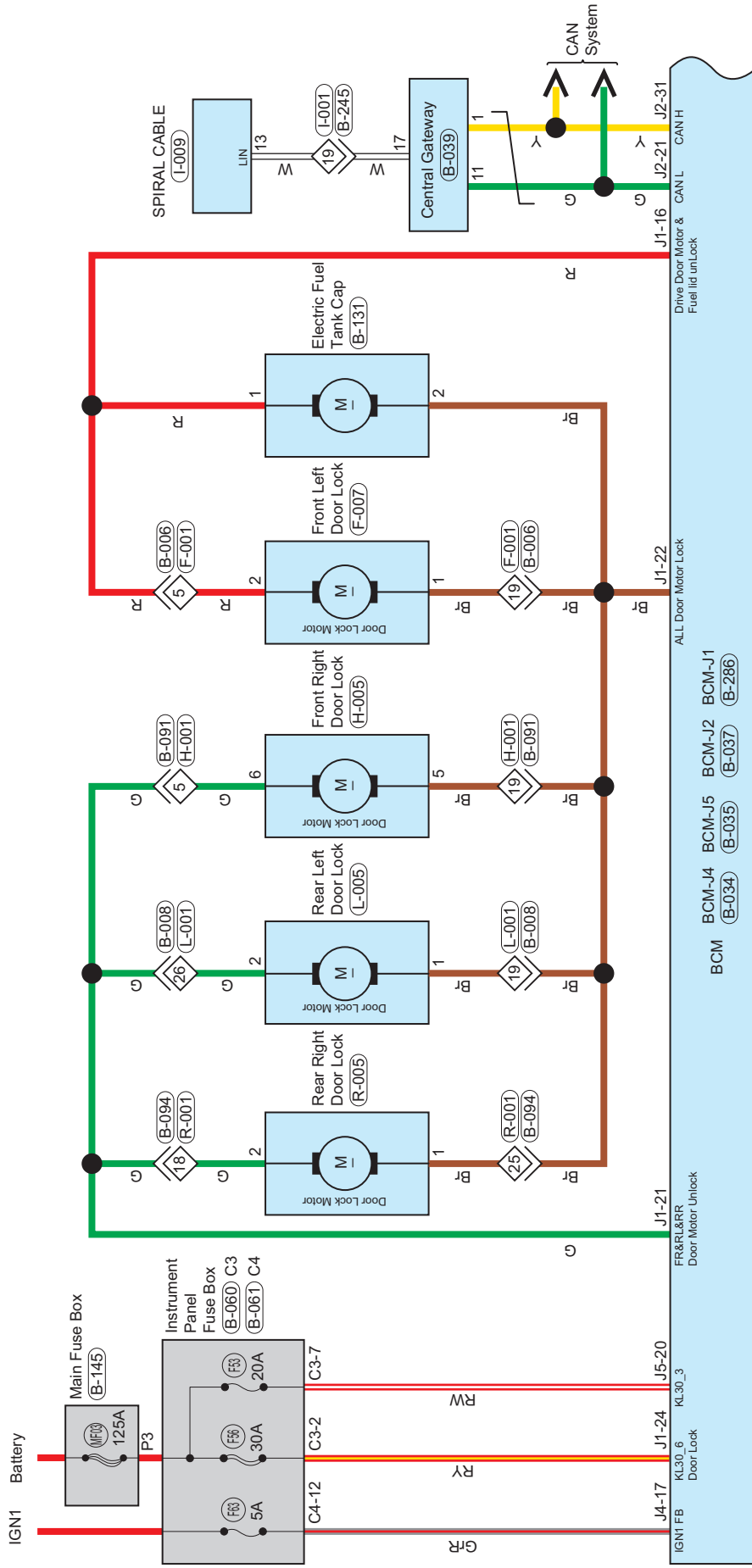
EWD026002

Supplemental restraint system



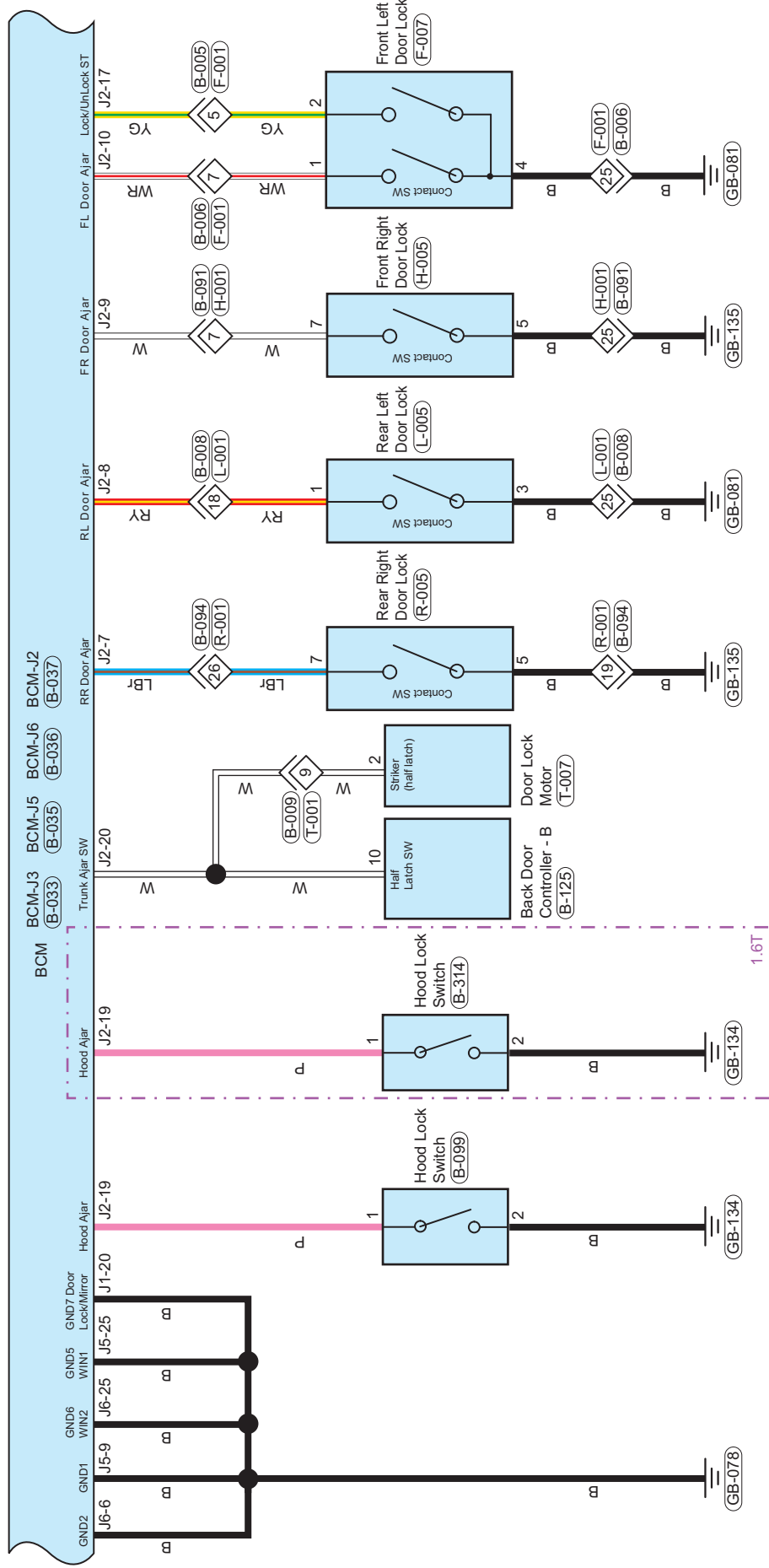
EWD027002

Body Domain Control Module (BCM)



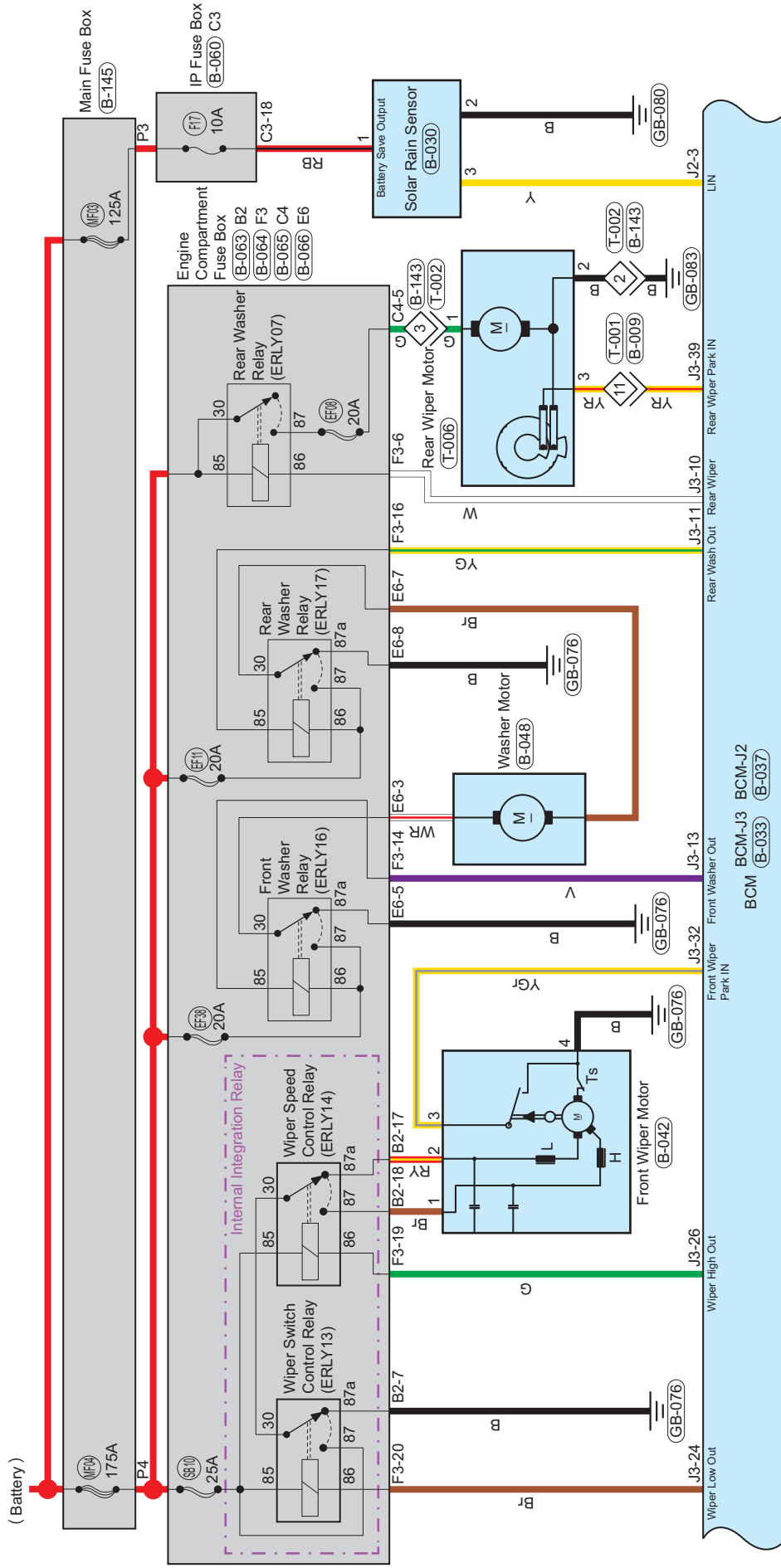
EWD029001

Body Domain Control Module (BCM)



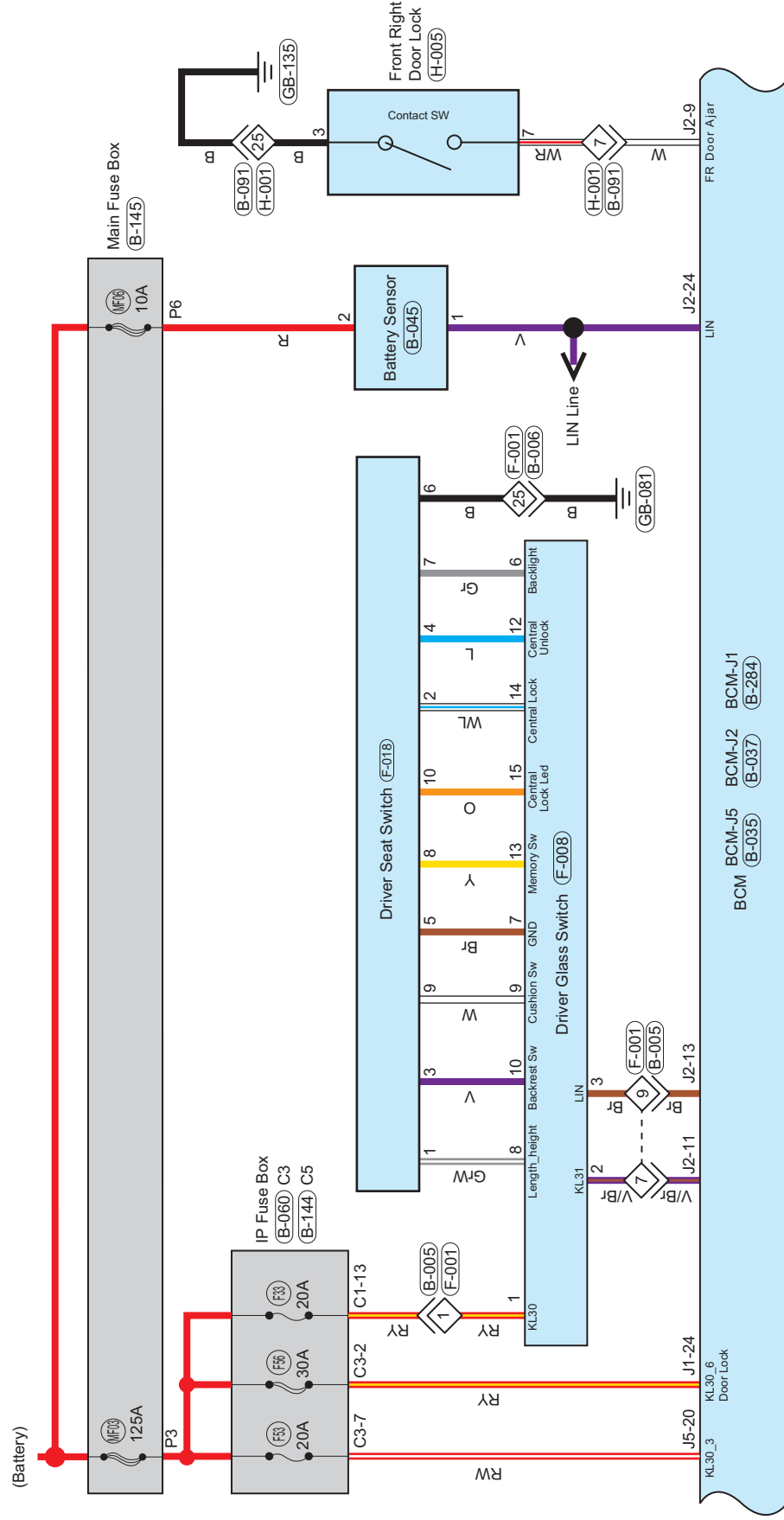
EWD030001

Body Domain Control Module (BCM)



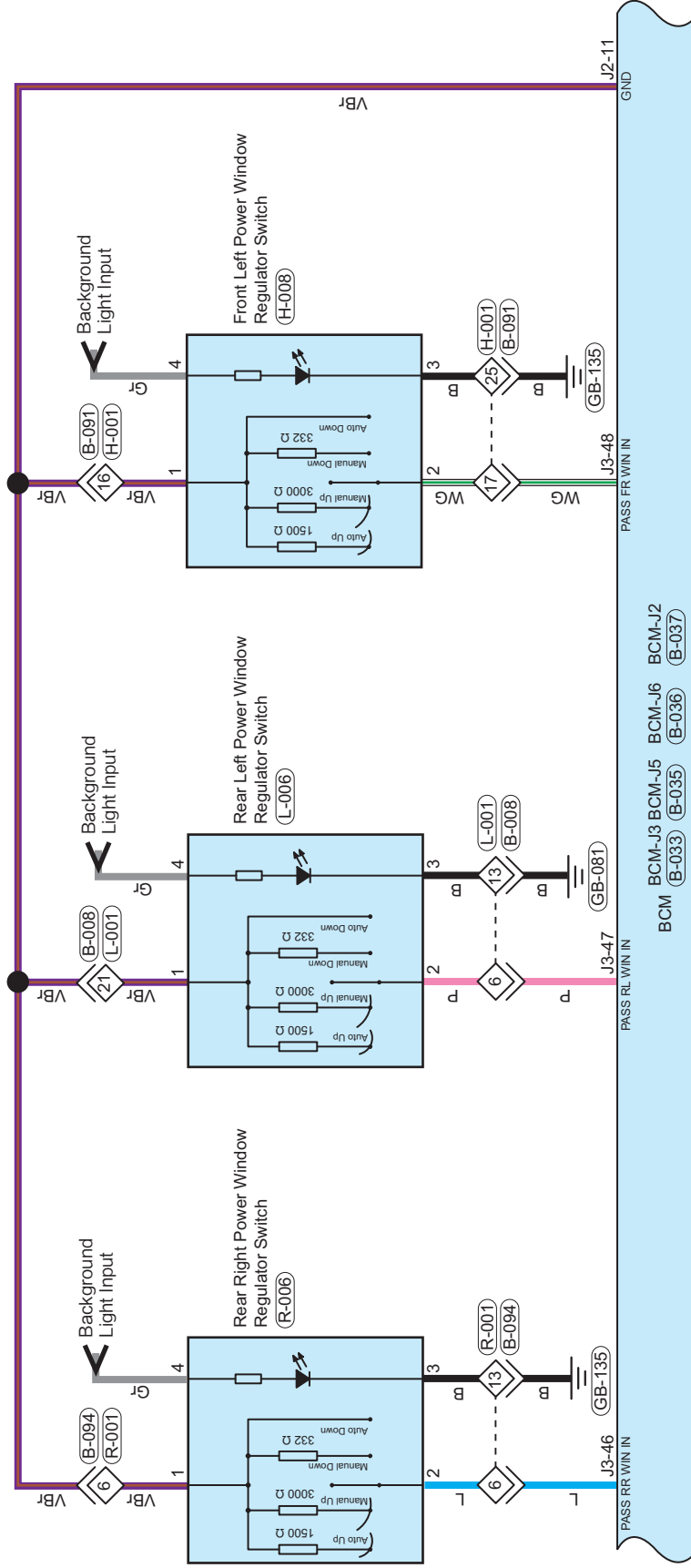
EWD031001

Body Domain Control Module (BCM)



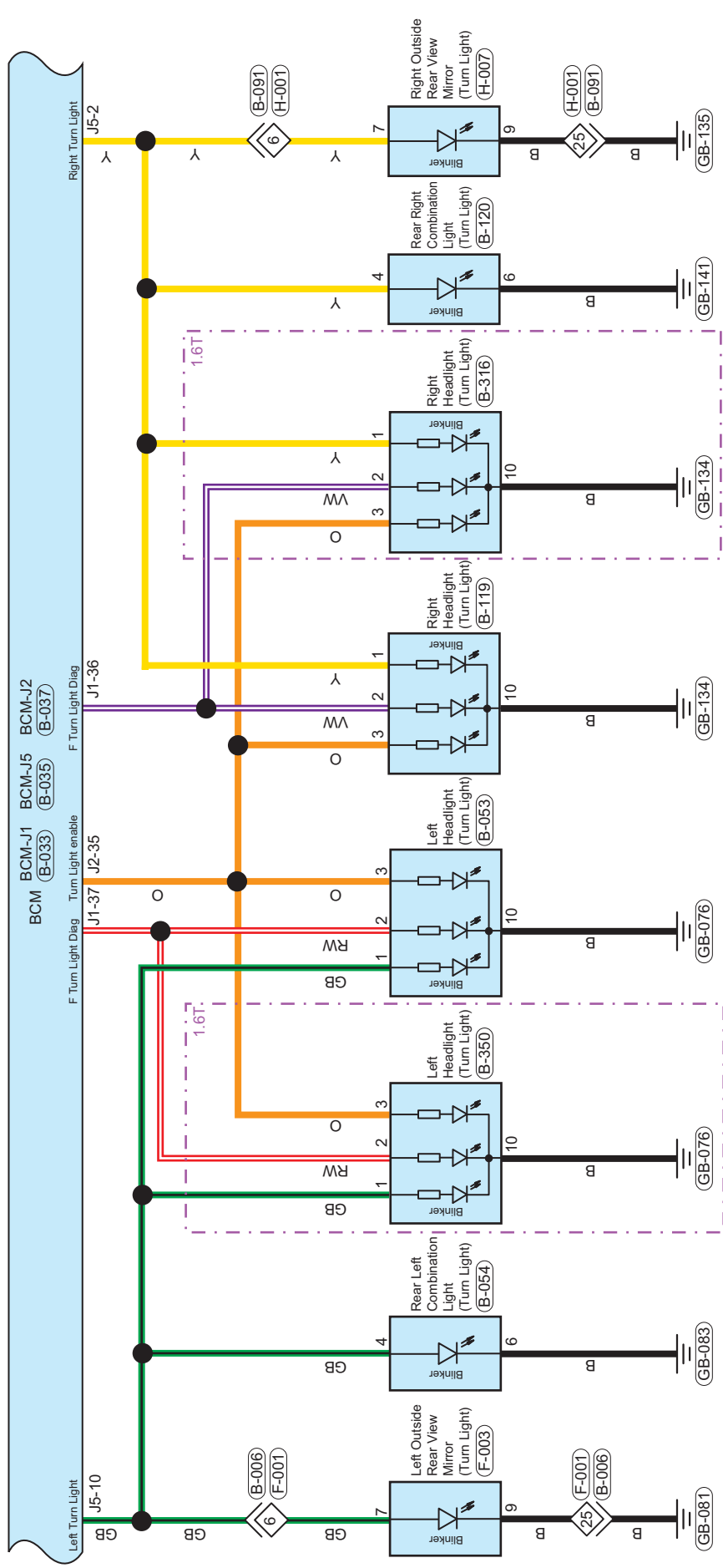
EWD032001

Body Domain Control Module (BCM)

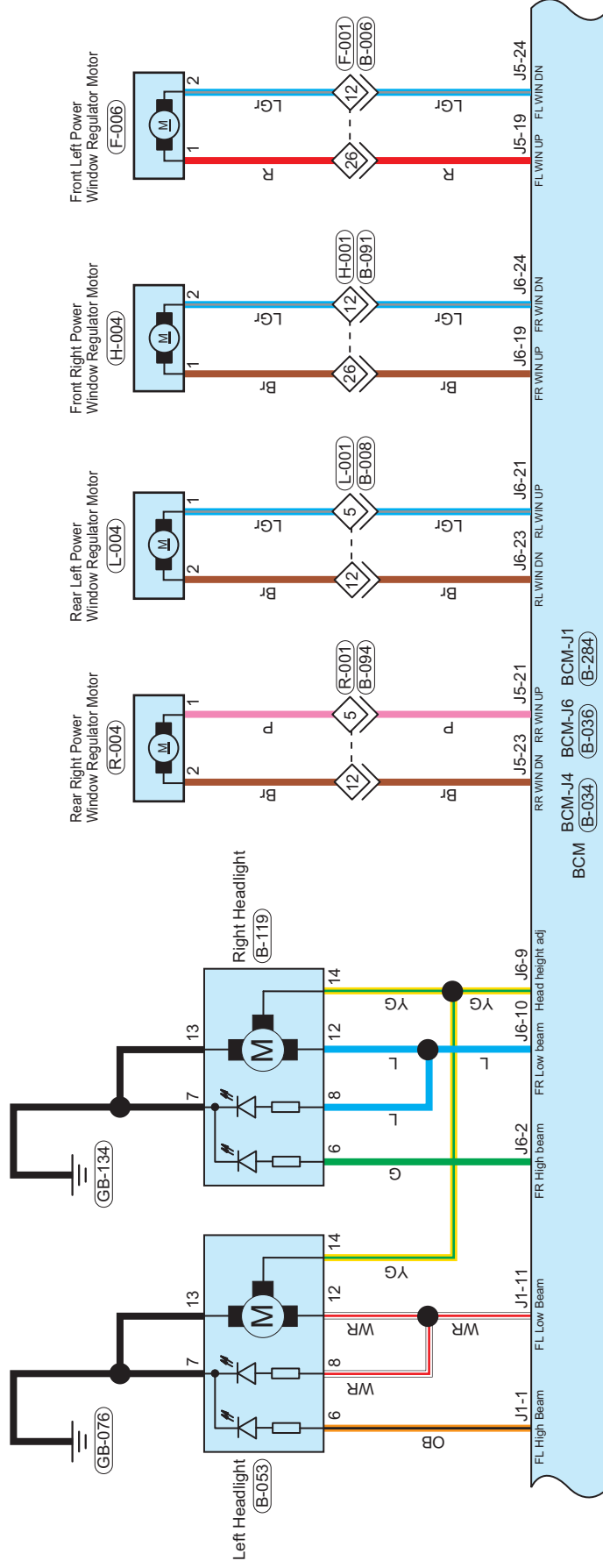


EWD034001

Body Domain Control Module (BCM)

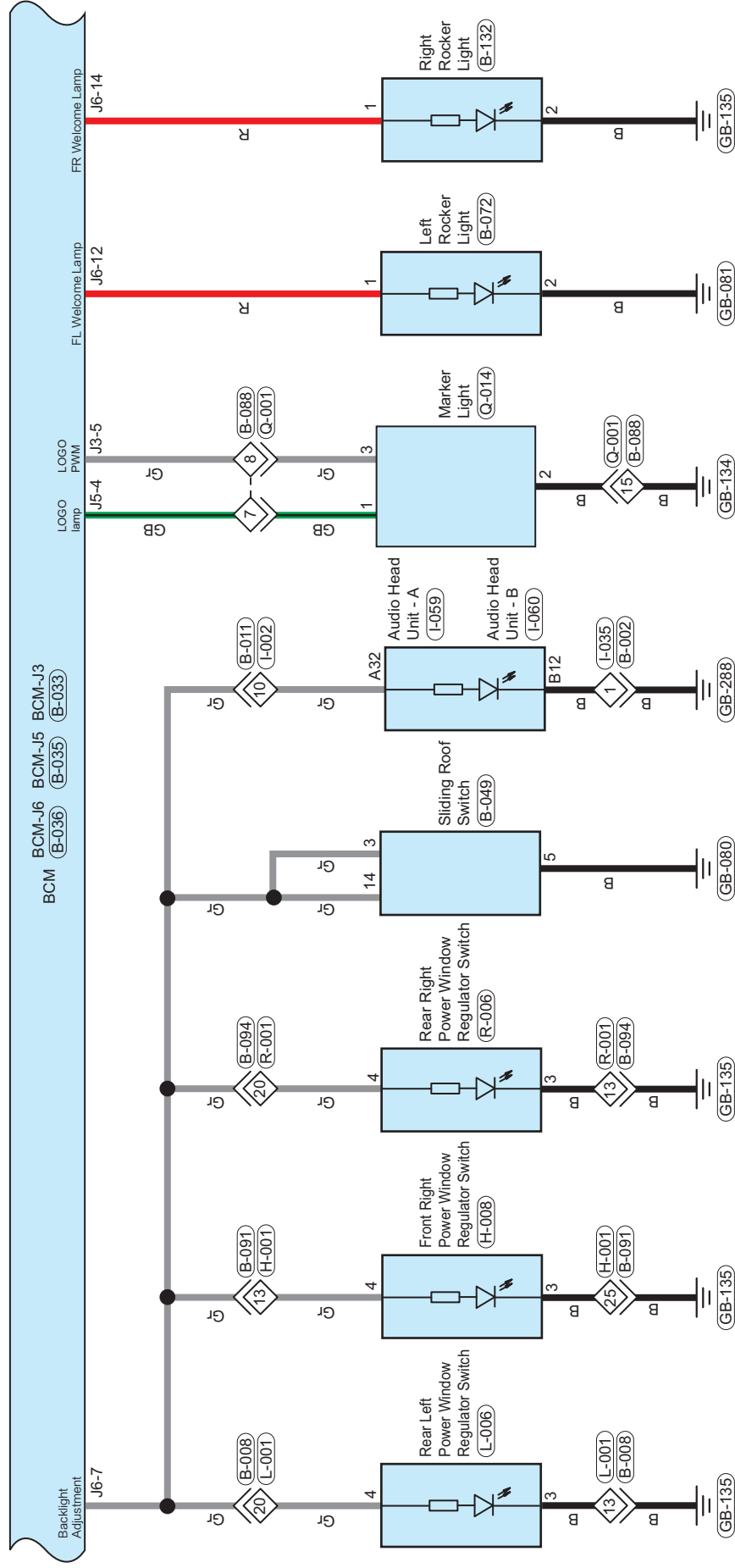


Body Domain Control Module (BCM)



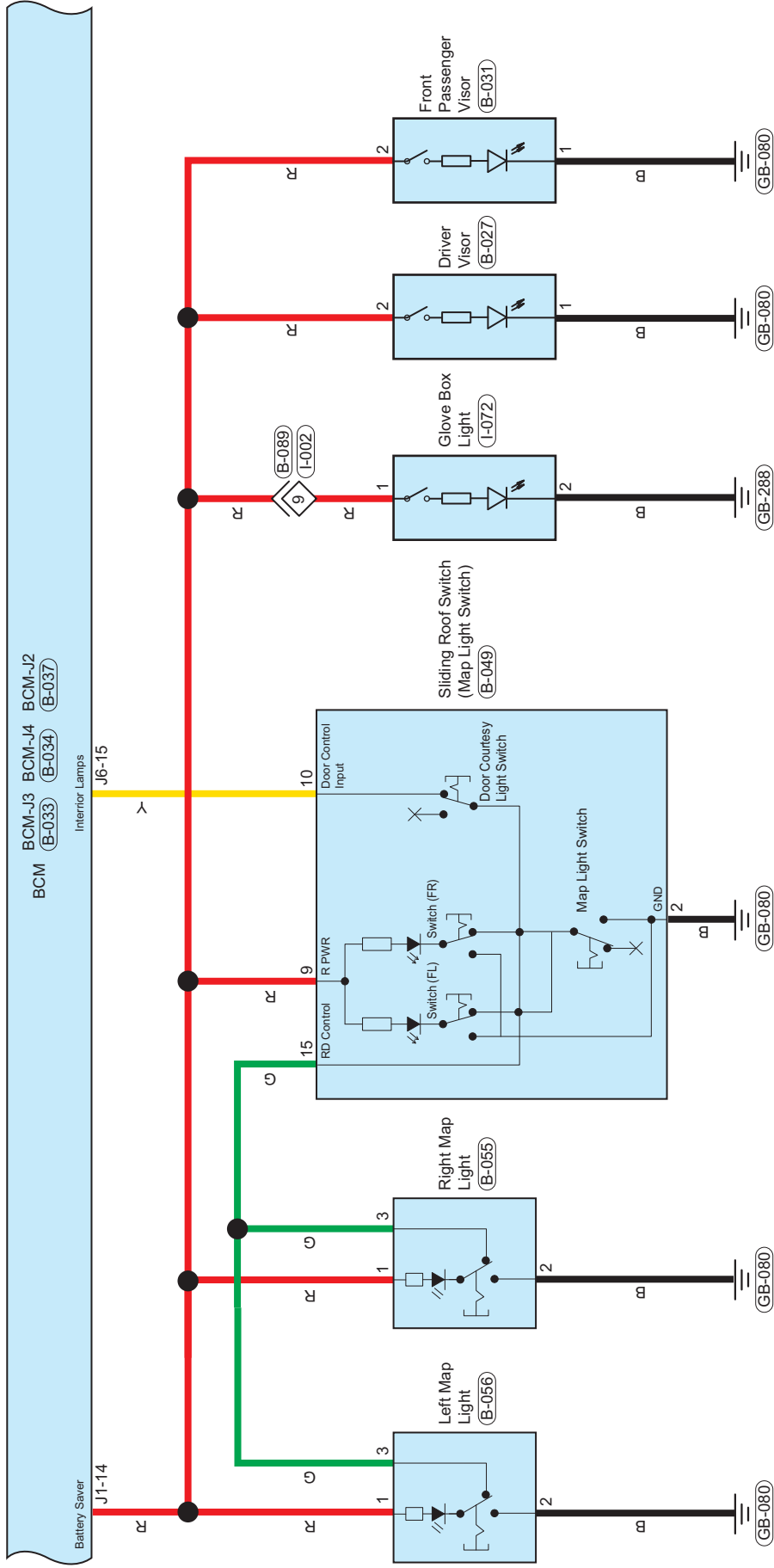
EWD036001

Body Domain Control Module (BCM)



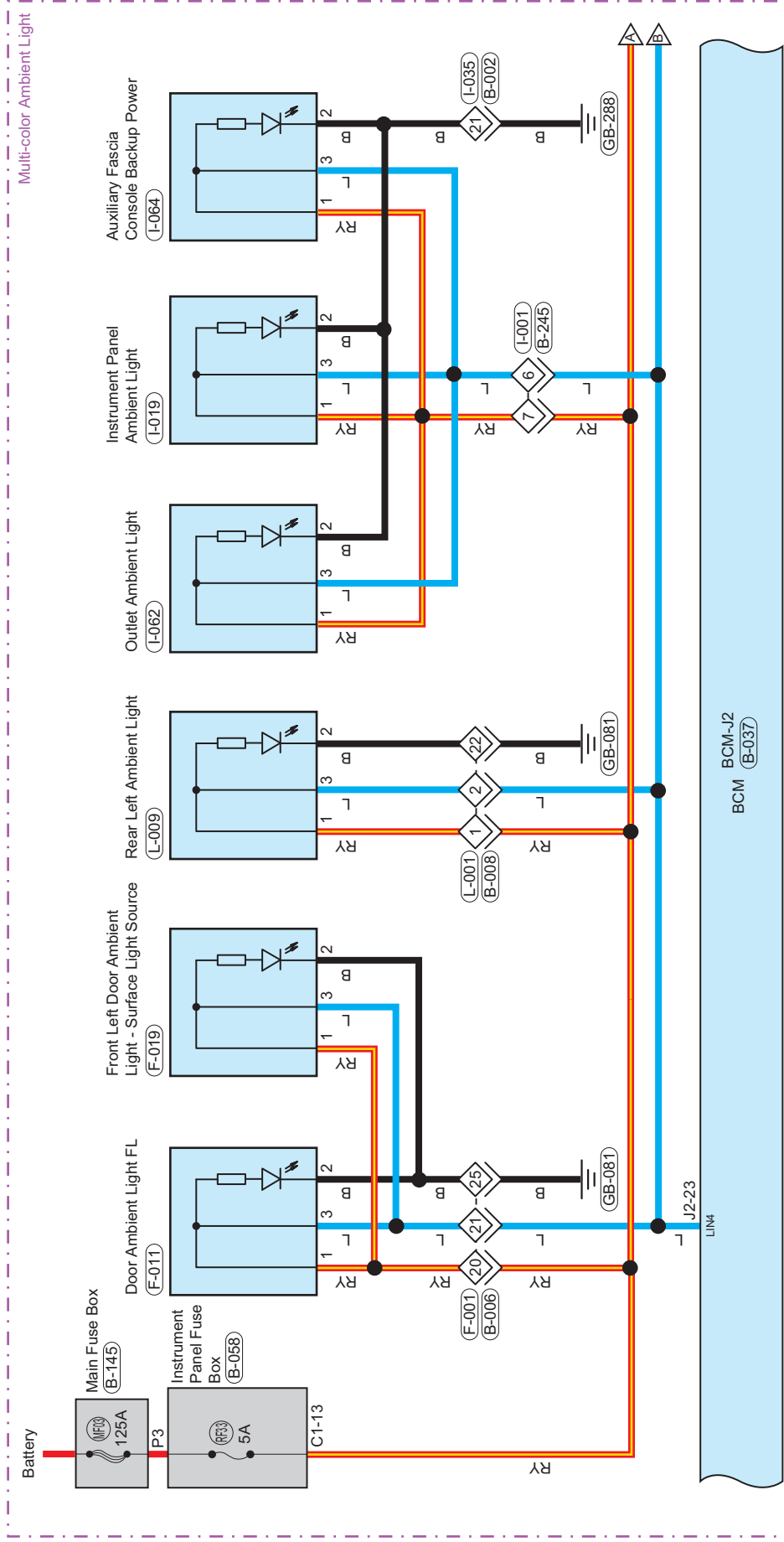
EWD037001

Body Domain Control Module (BCM)



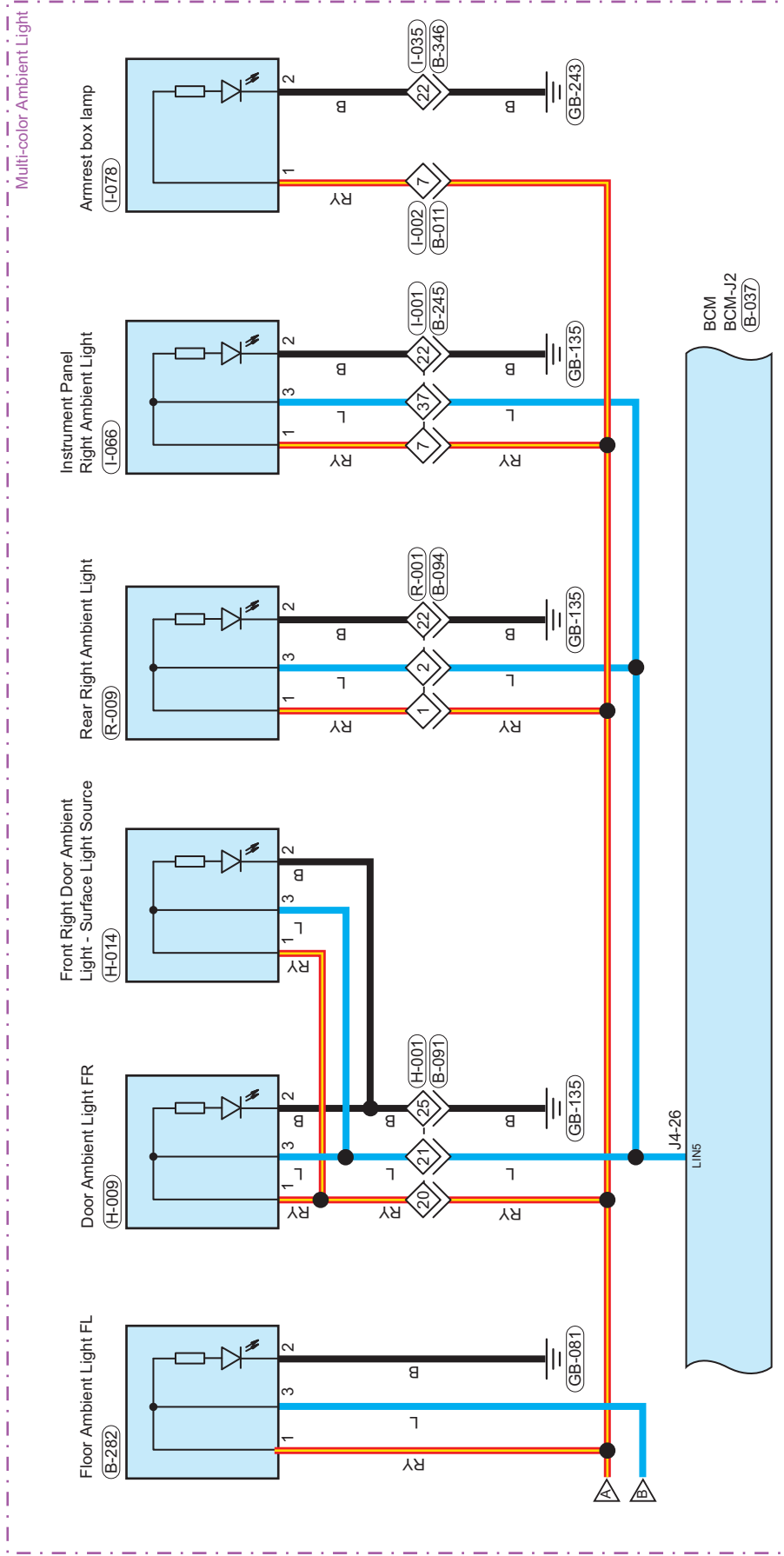
EWD038001

Body Domain Control Module (BCM)



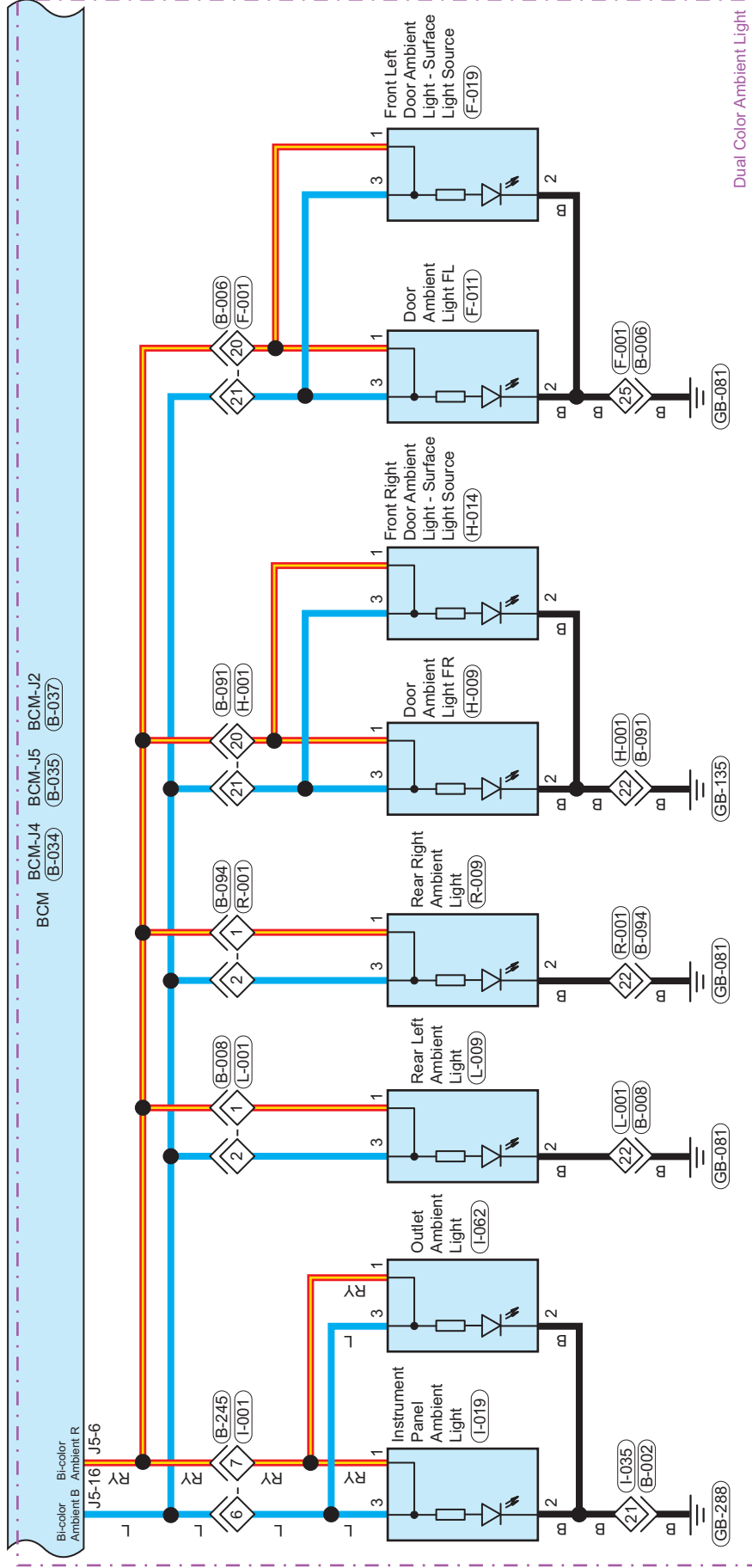
EWD060001

Body Domain Control Module (BCM)



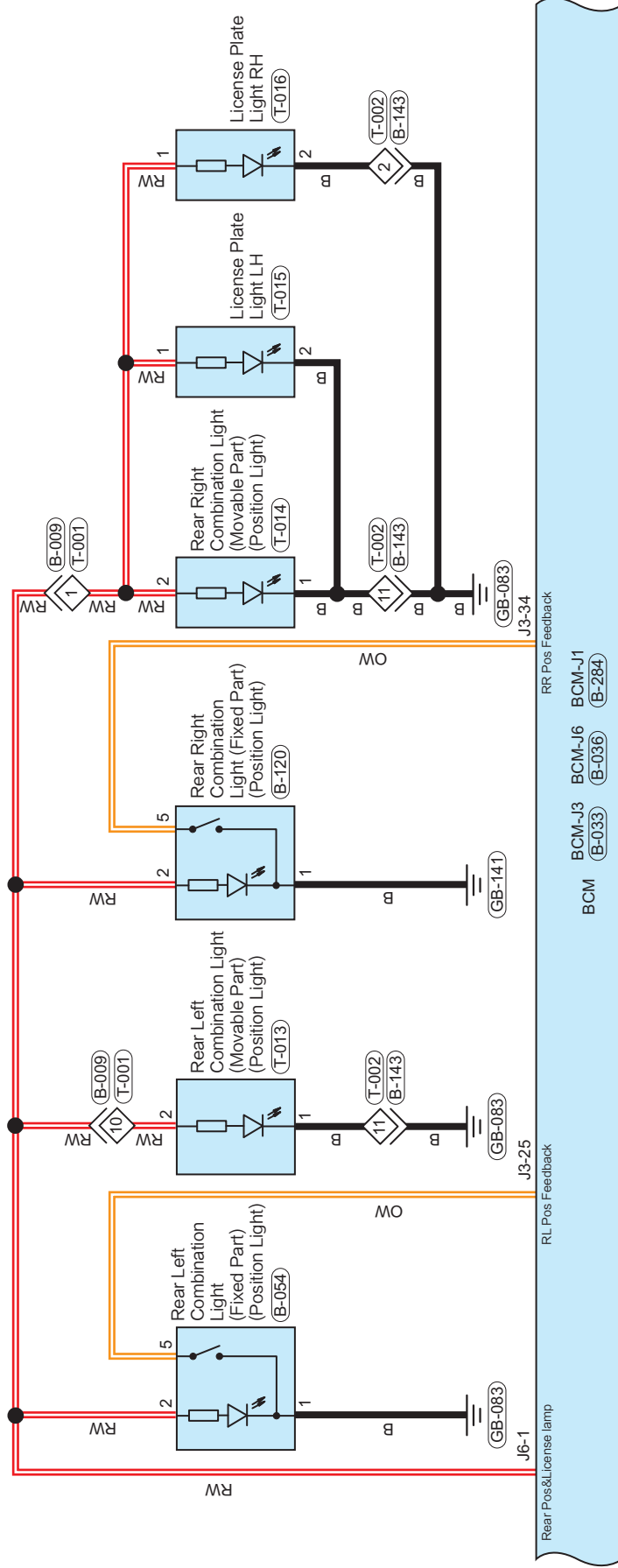
EWD060002

Body Domain Control Module (BCM)



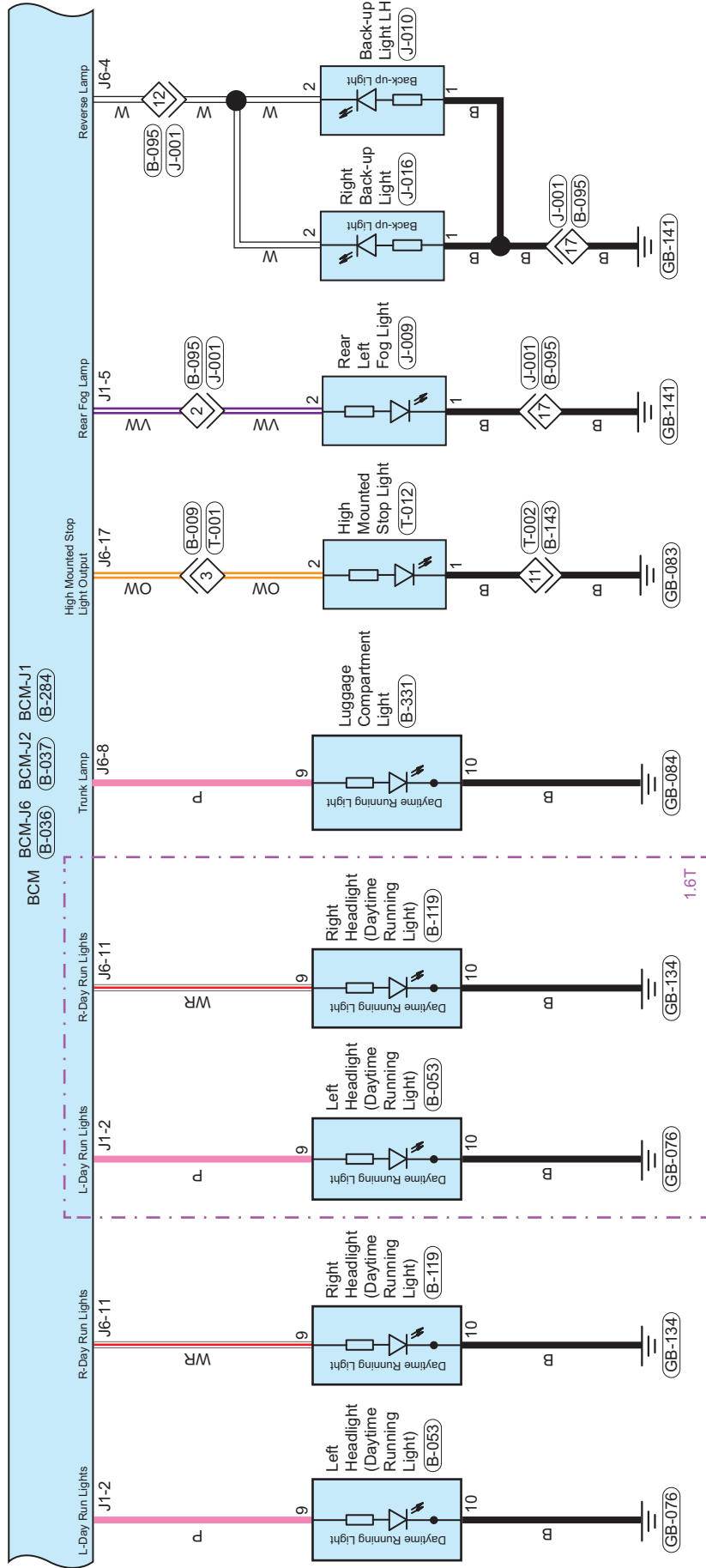
Dual Color Ambient Light

Body Domain Control Module (BCM)

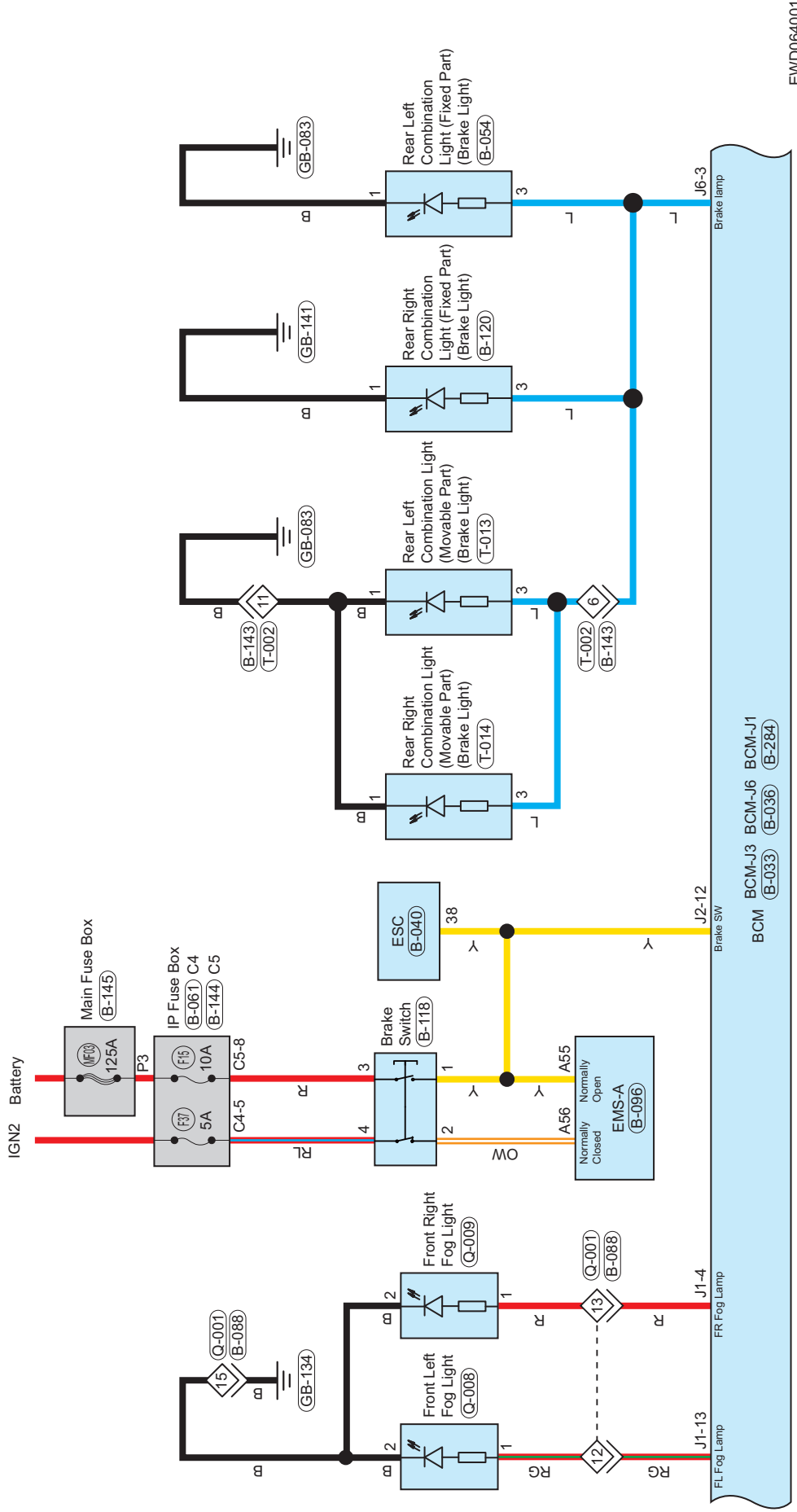


EWD062001

Body Domain Control Module (BCM)

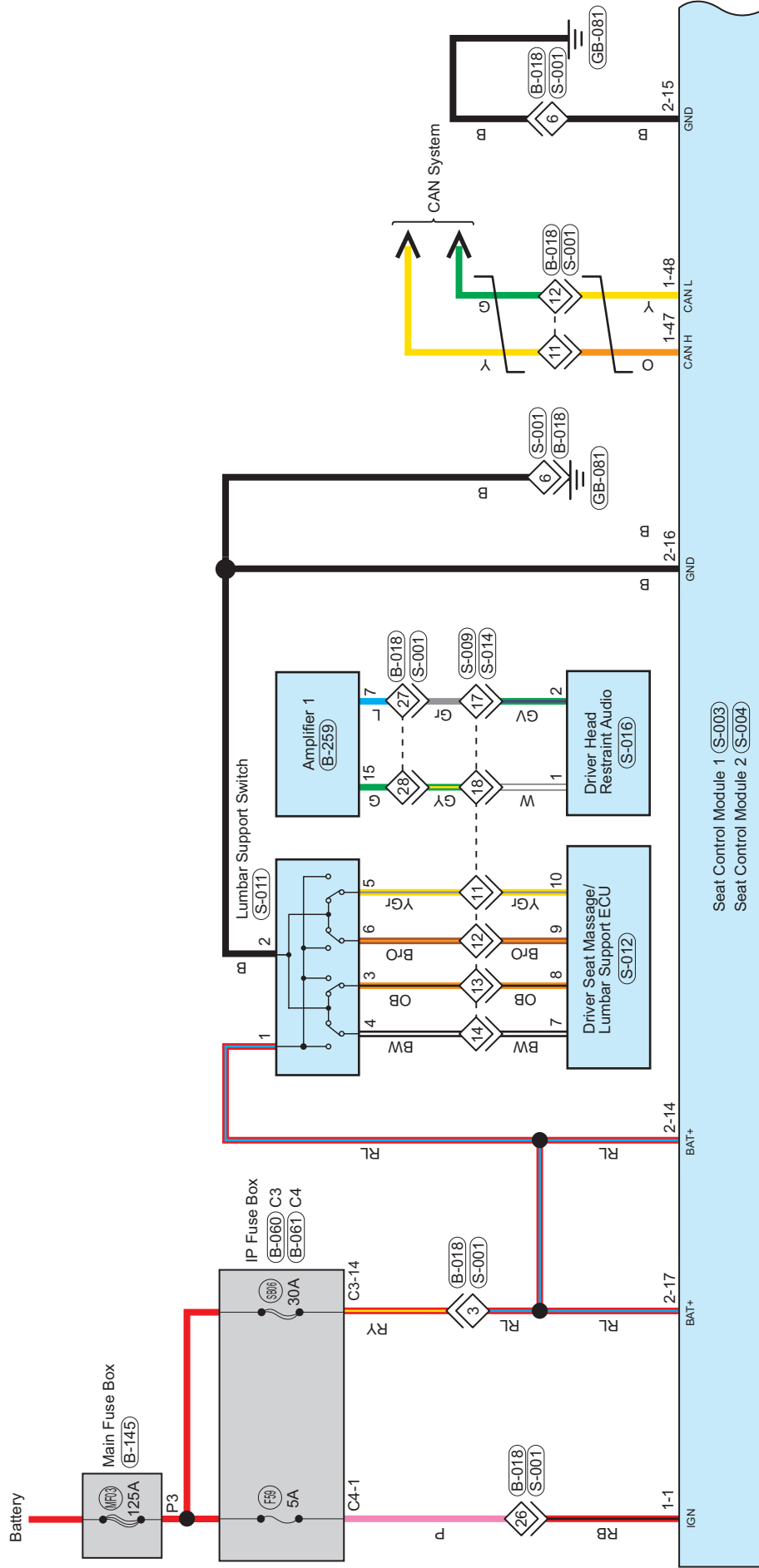


Body Domain Control Module (BCM)



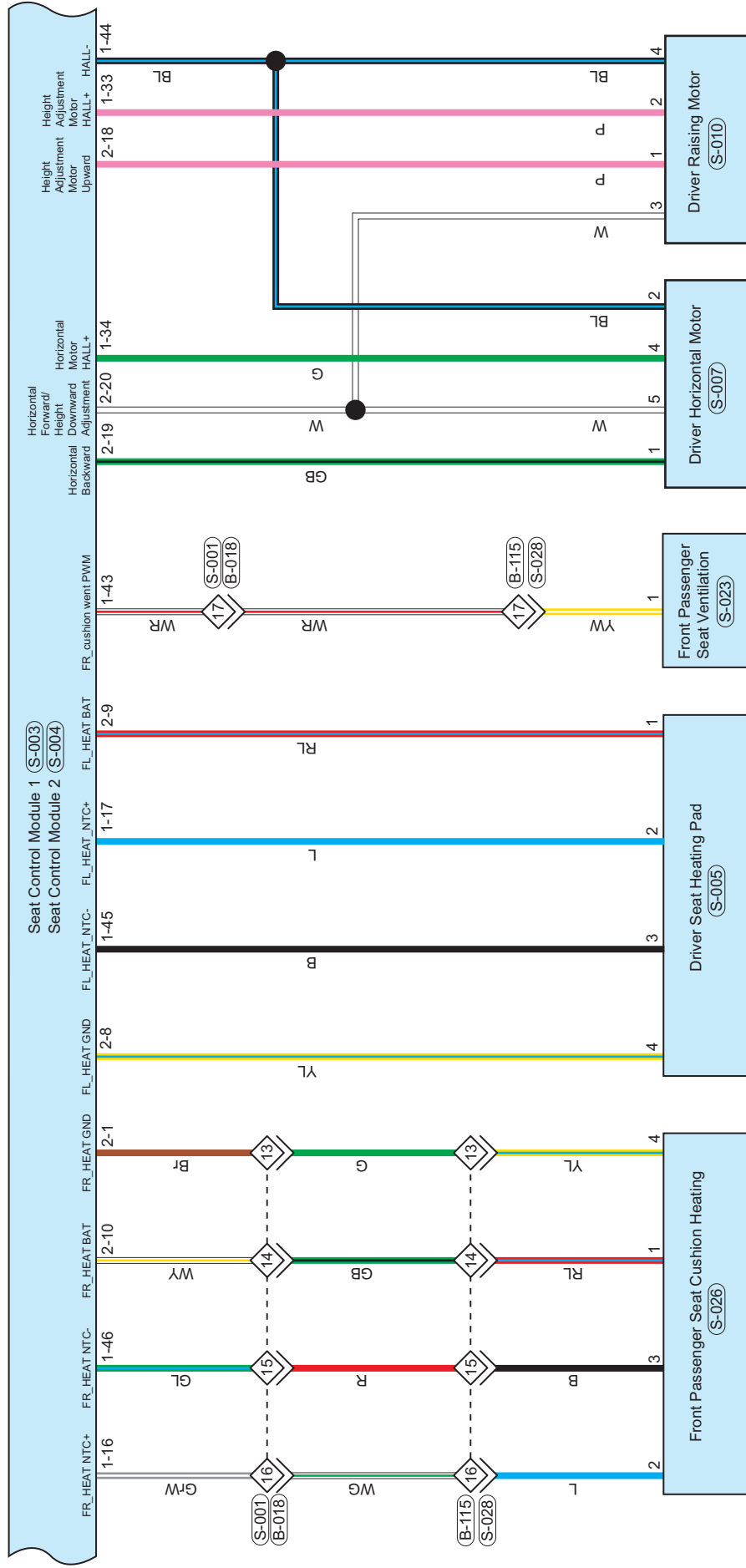
EWD064001

Seat Control Module (SCU)



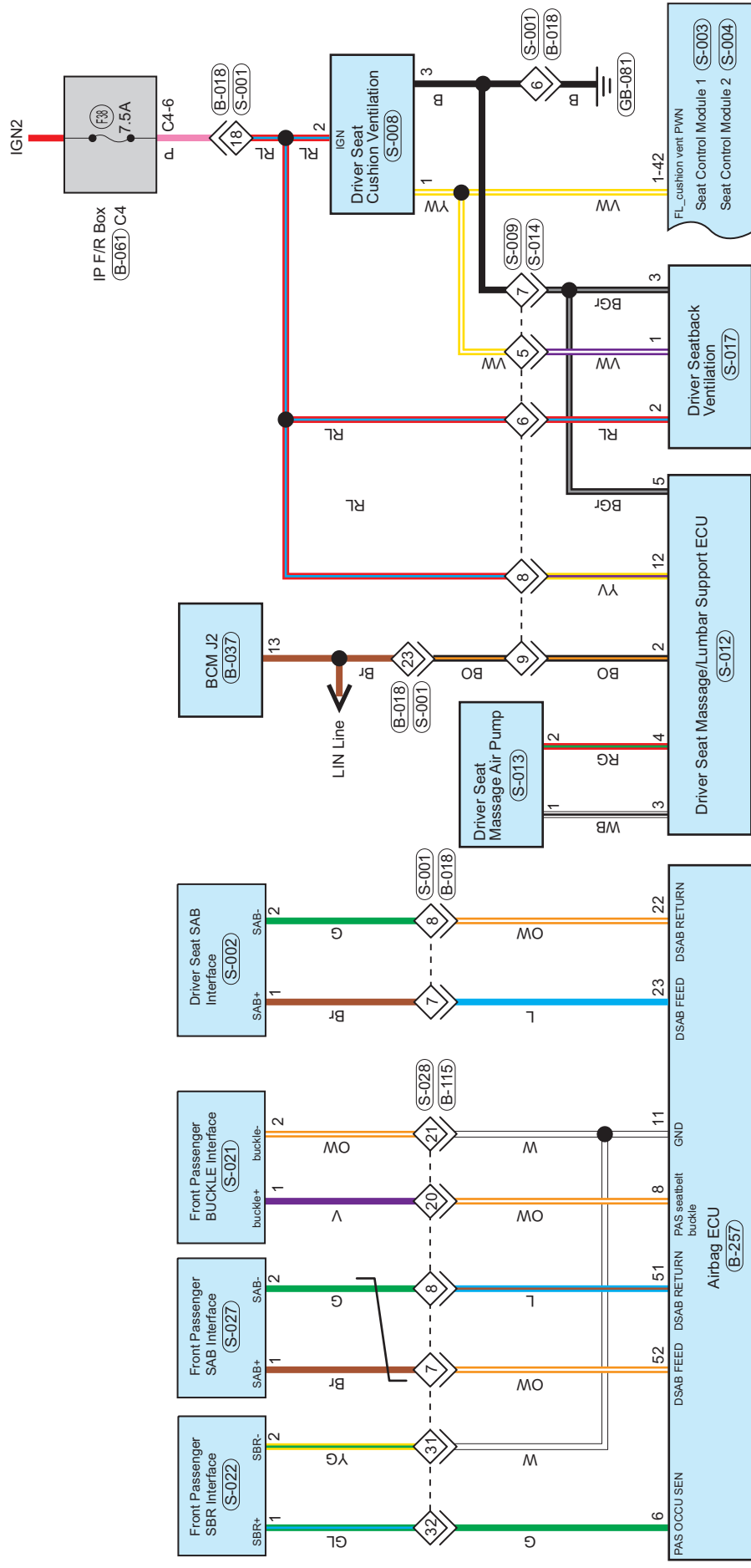
EWD065001

Seat Control Module (SCU)



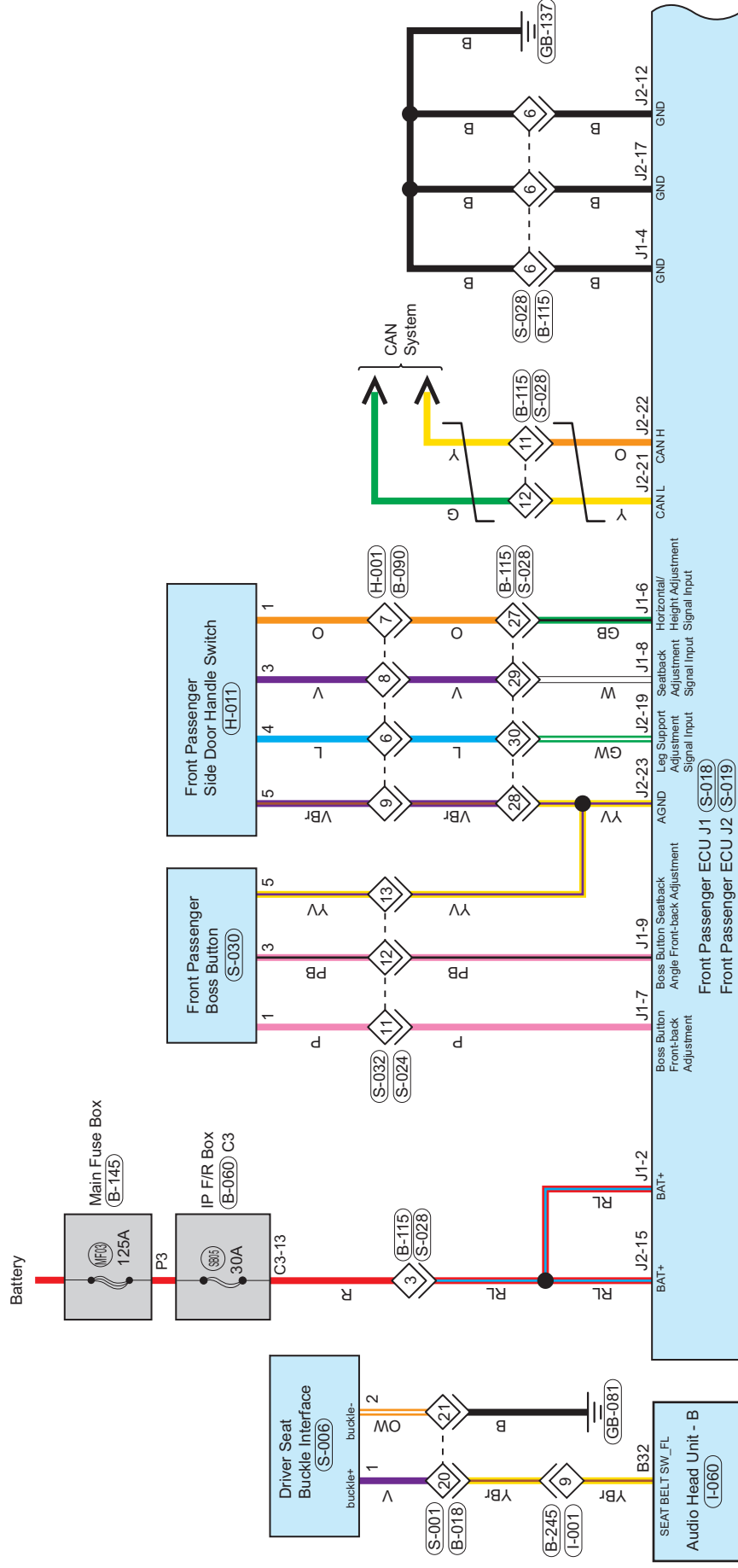
EWD065003

Seat Control Module (SCU)



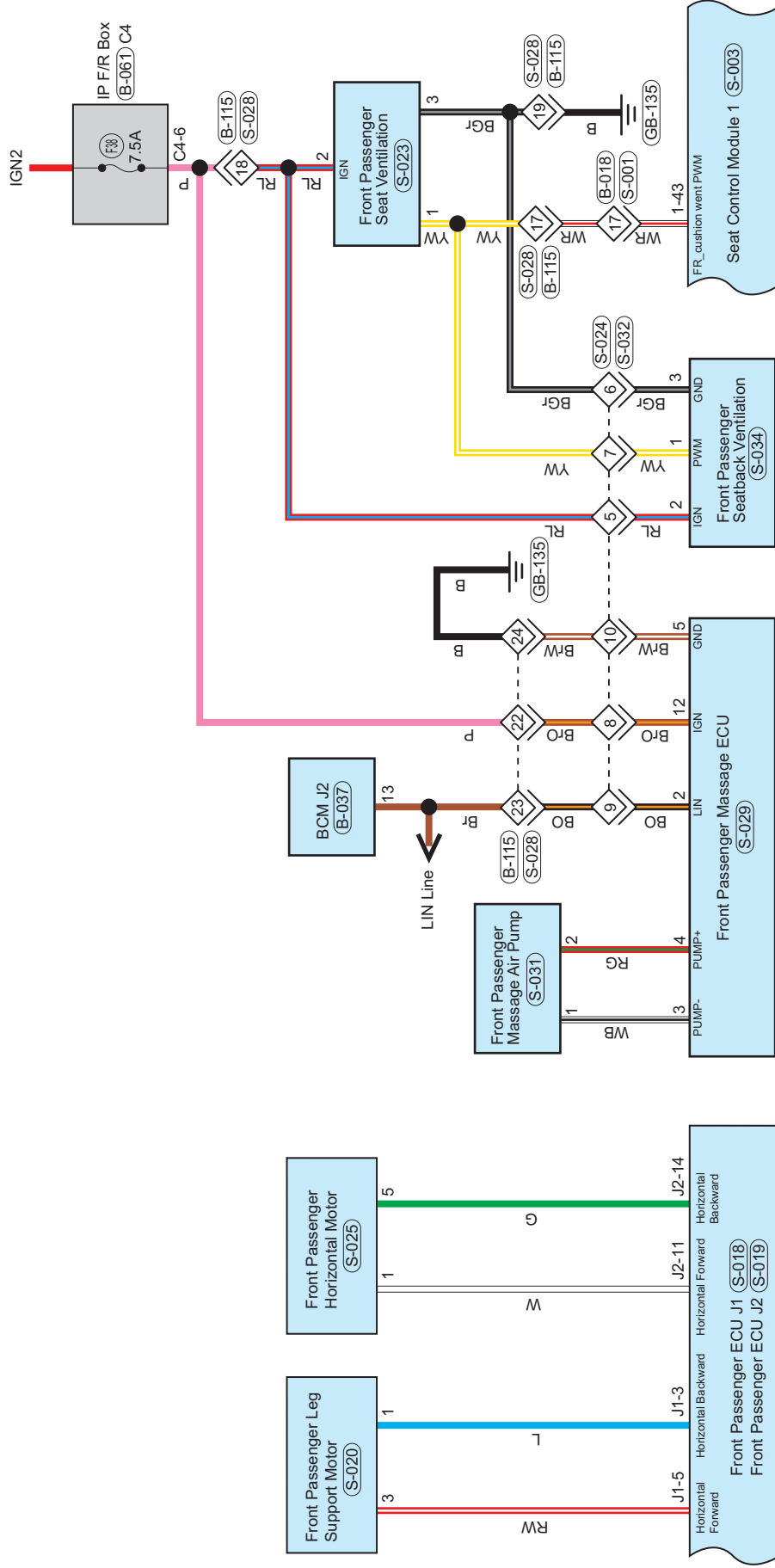
EWD065004

Seat Control Module (SCU)



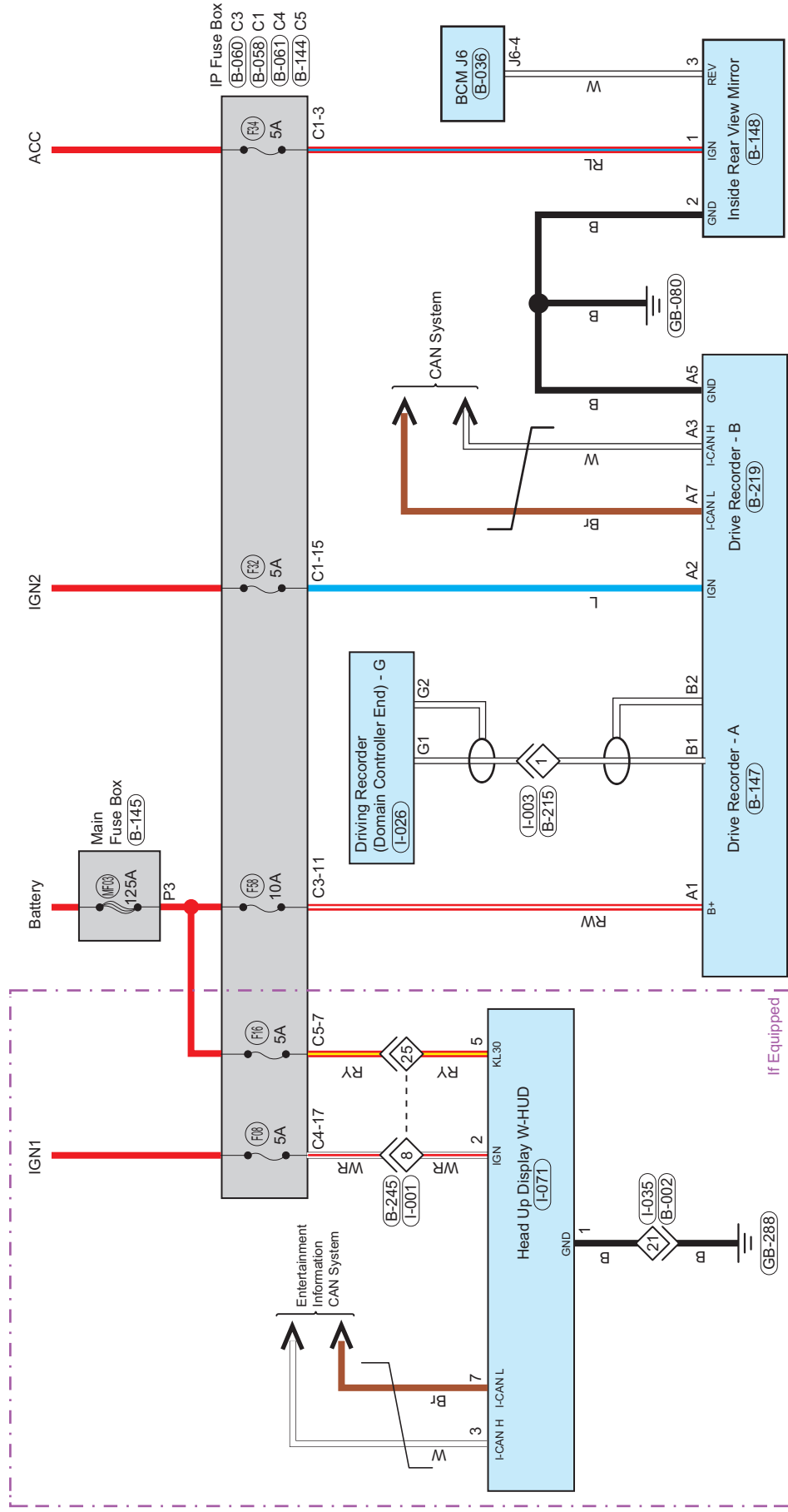
EWD065005

Seat Control Module (SCU)



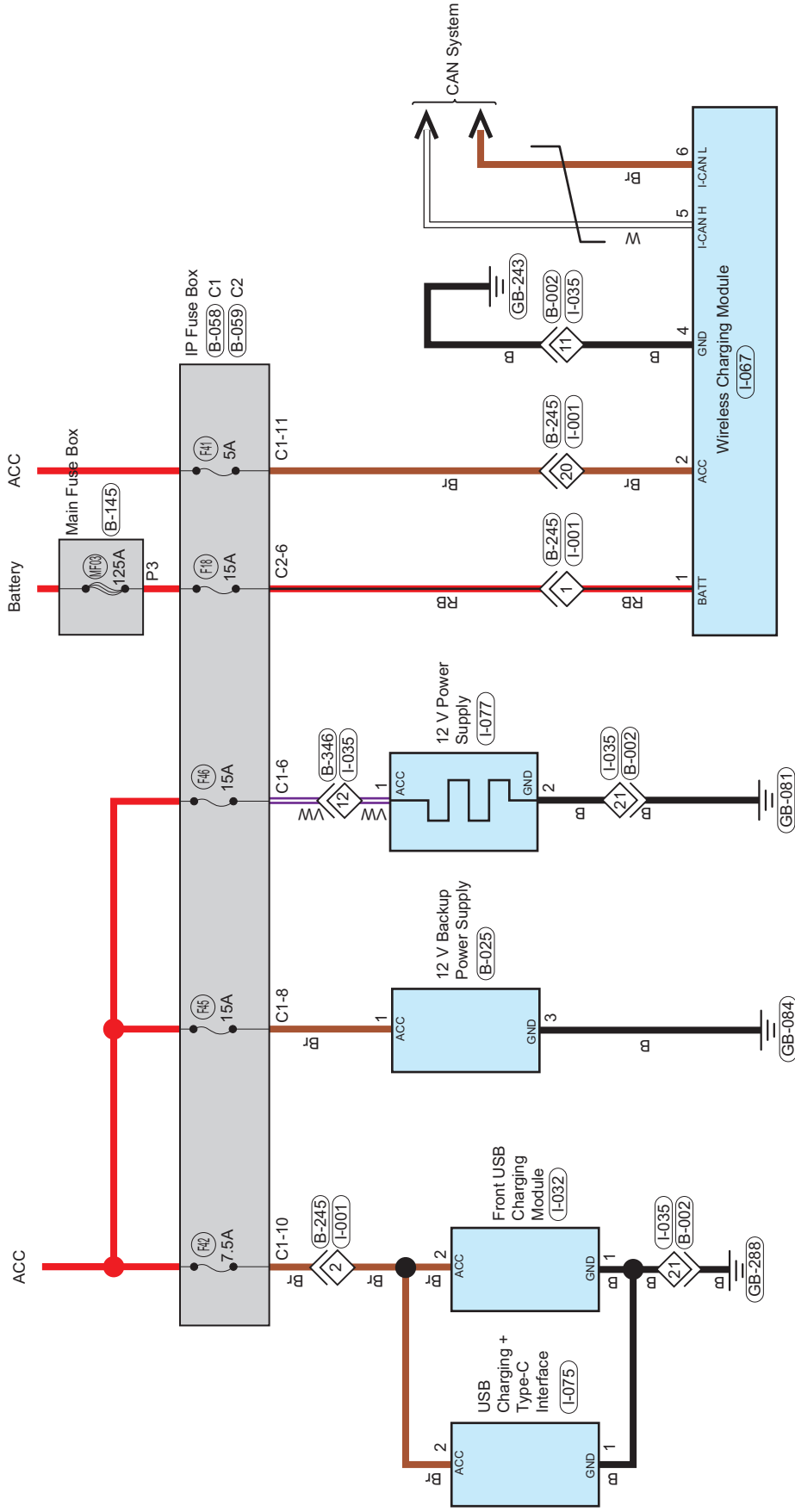
EWD065006

Driving Recorder (DVR)/Inside Rear View Mirror/Head Up Display (HUD)



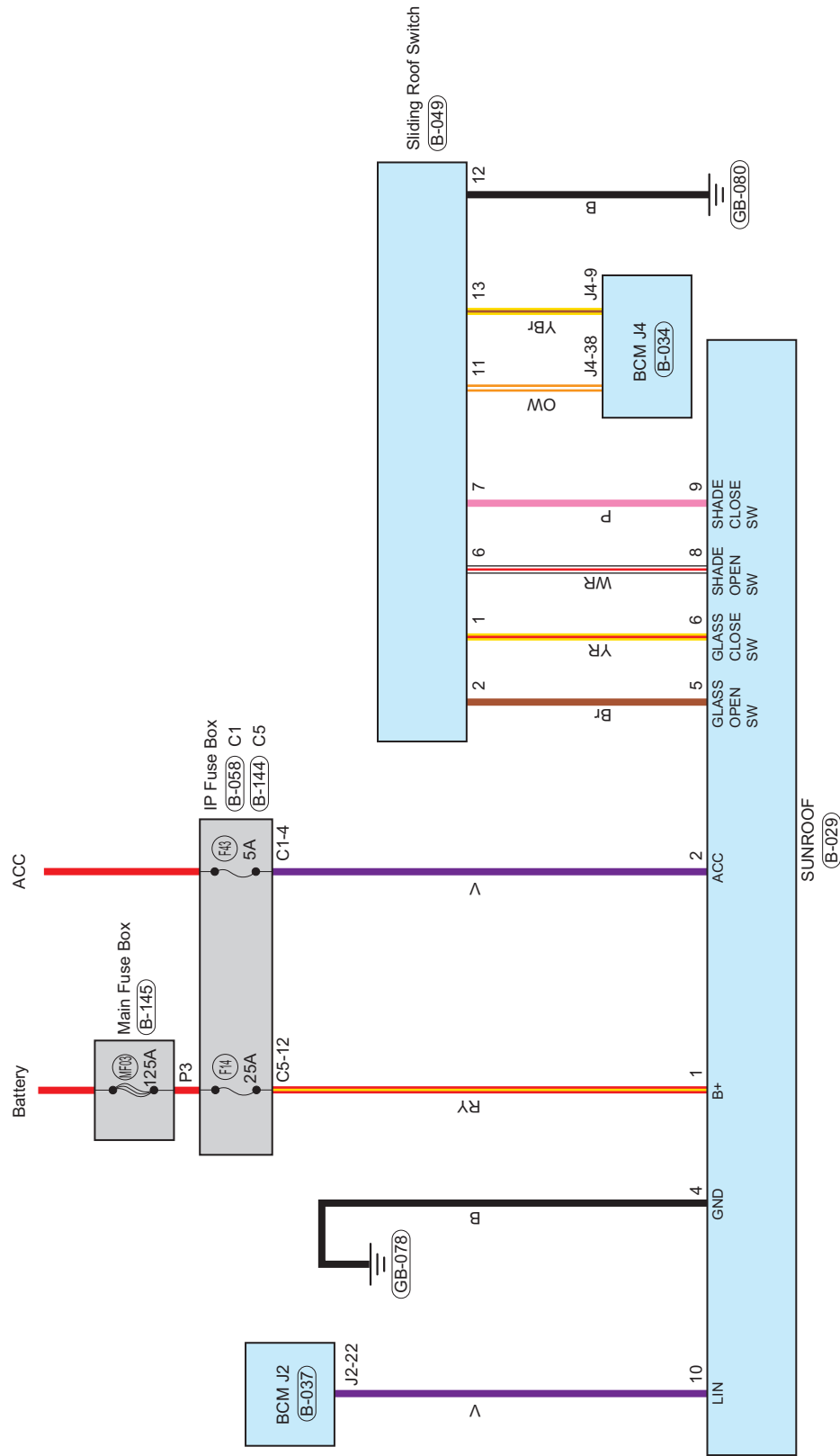
EWD039001

Backup Power Supply/Wireless Charging System (CWC)/USB



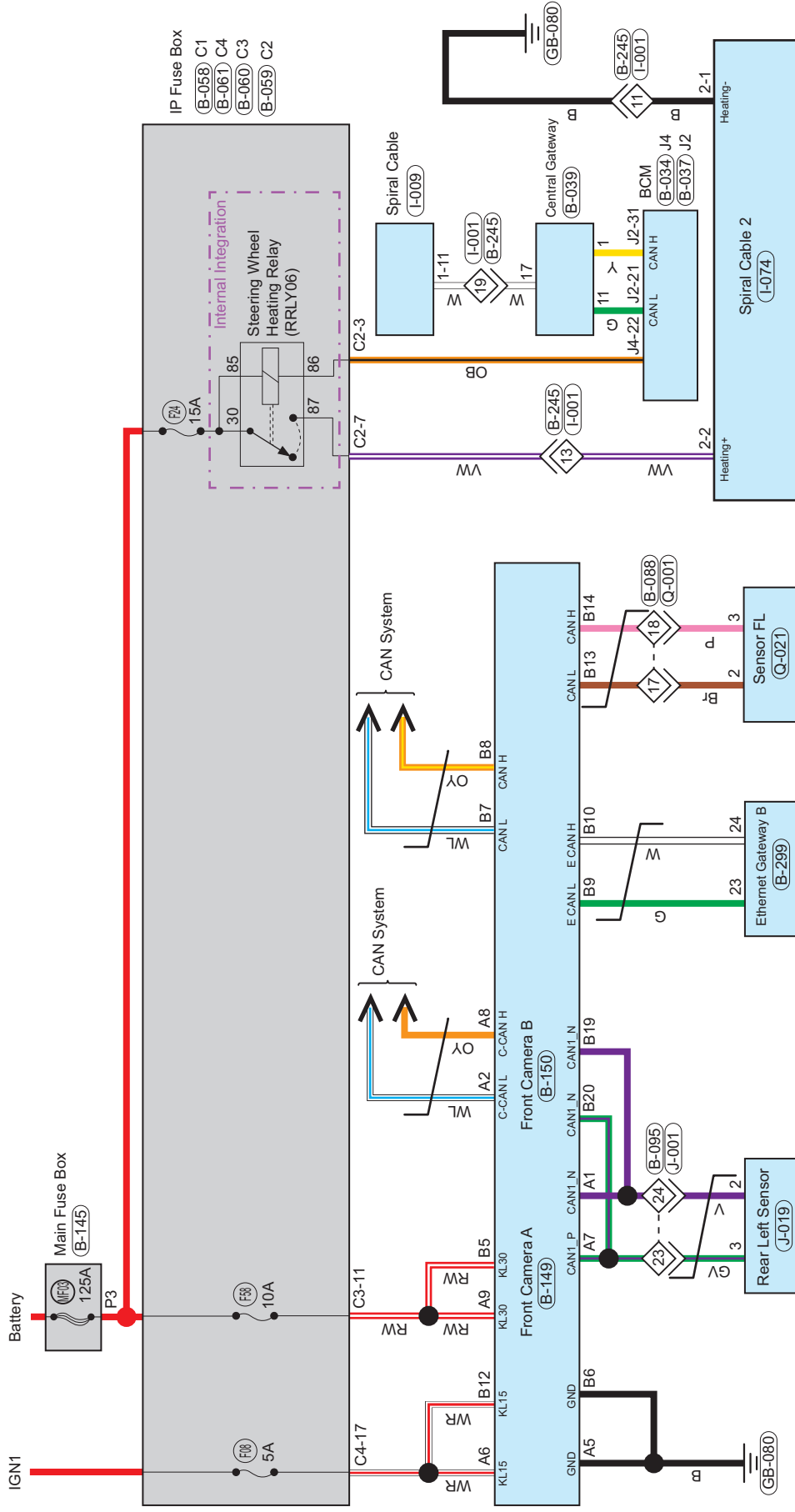
EWD040001

Sunroof



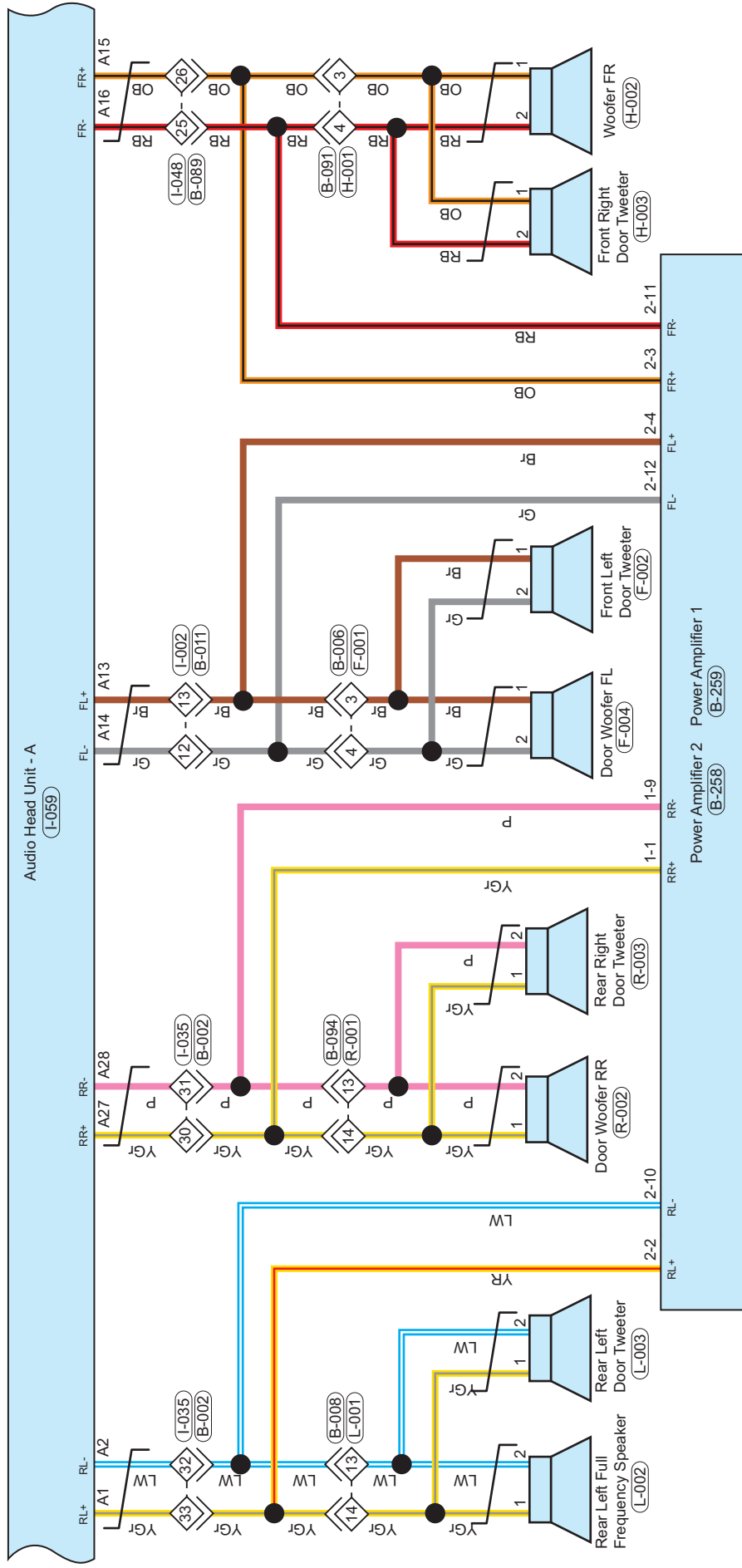
EWD045001

Front Radar Module (FRM)/Front Camera System (FCM)/Steering Wheel Heating



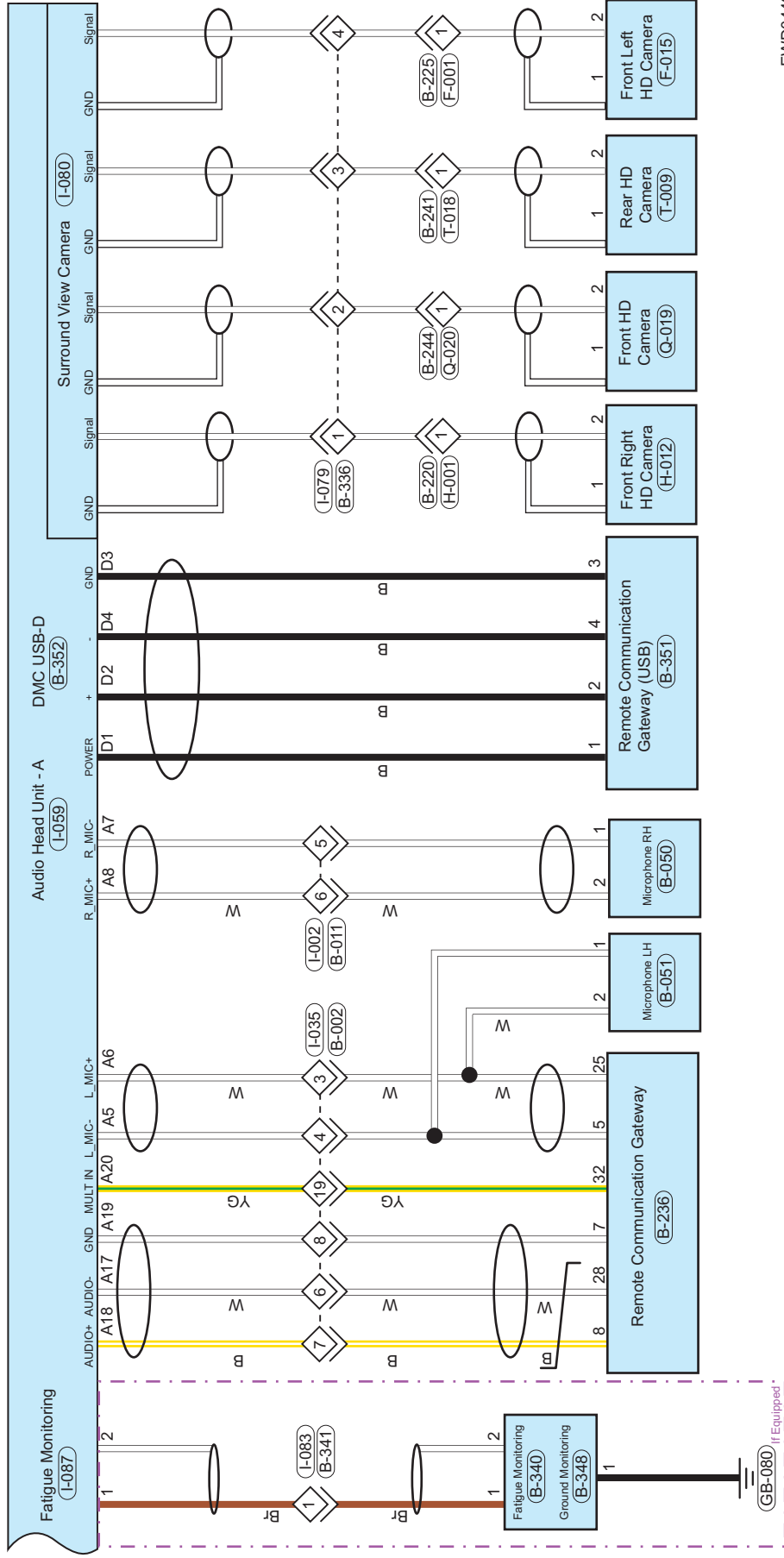
EWD041001

Domain Controller (Instrument Panel/Audio)



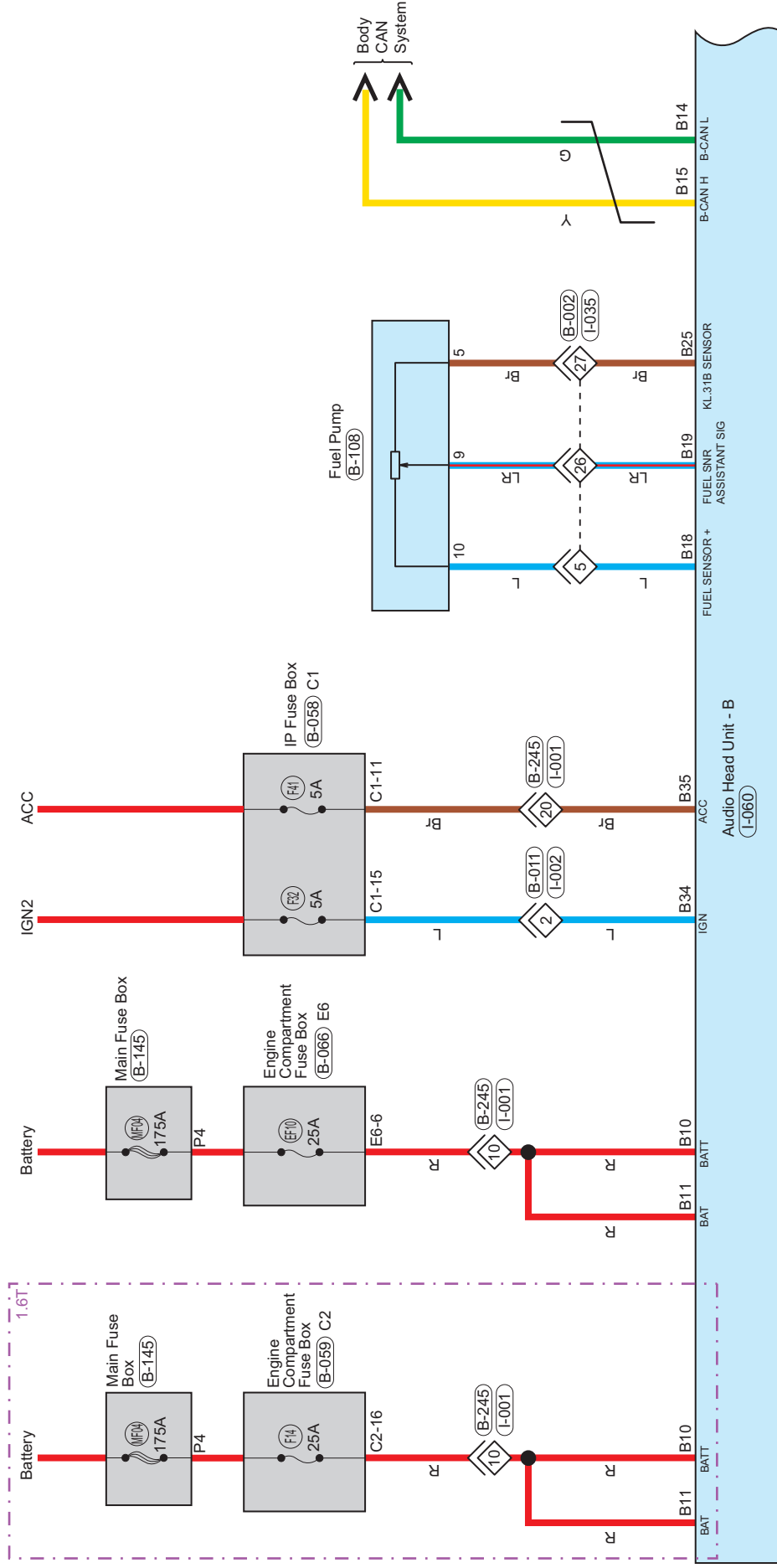
EWD043001

Domain Controller (Instrument Panel/Audio)



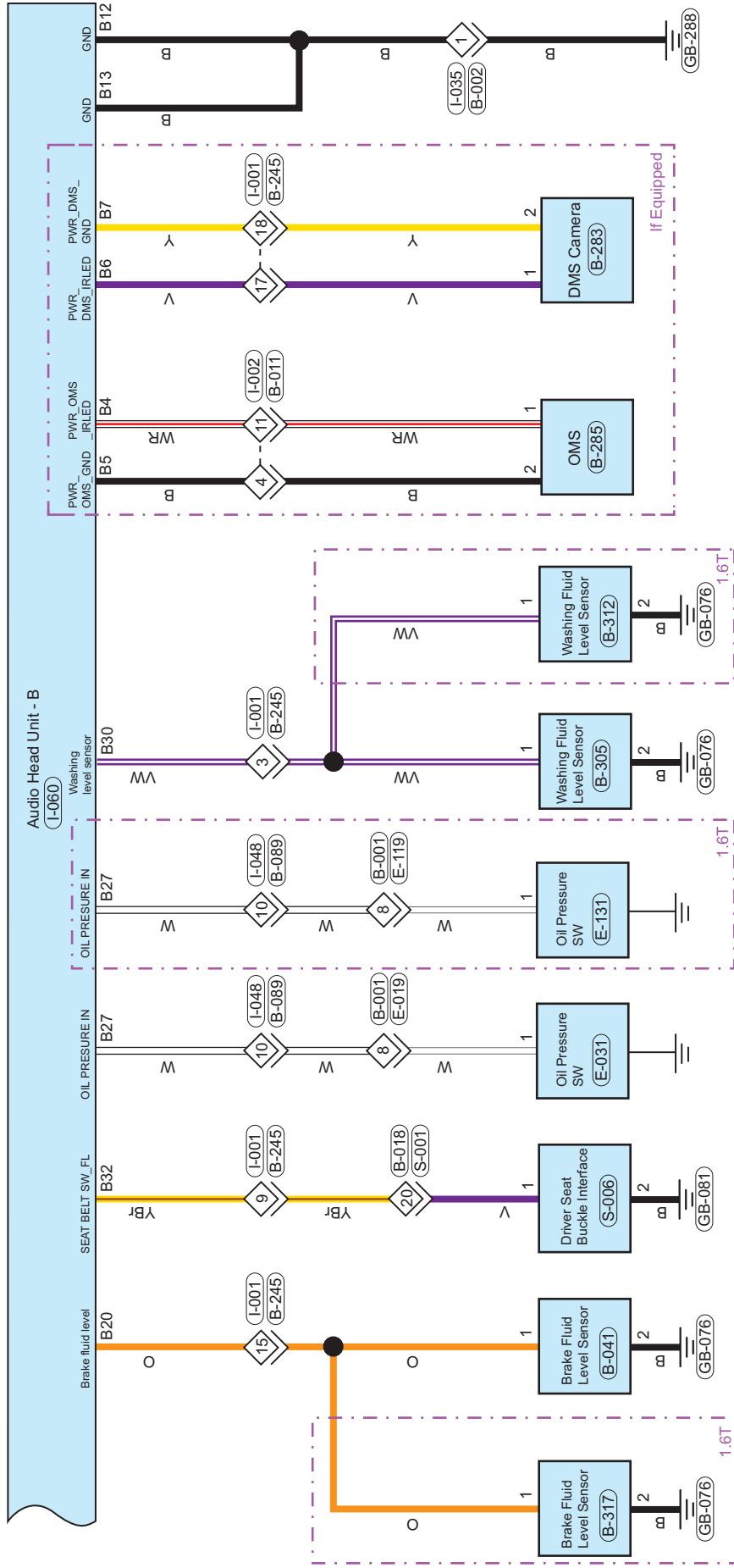
EWD044001

Domain Controller (Instrument Panel/Audio)



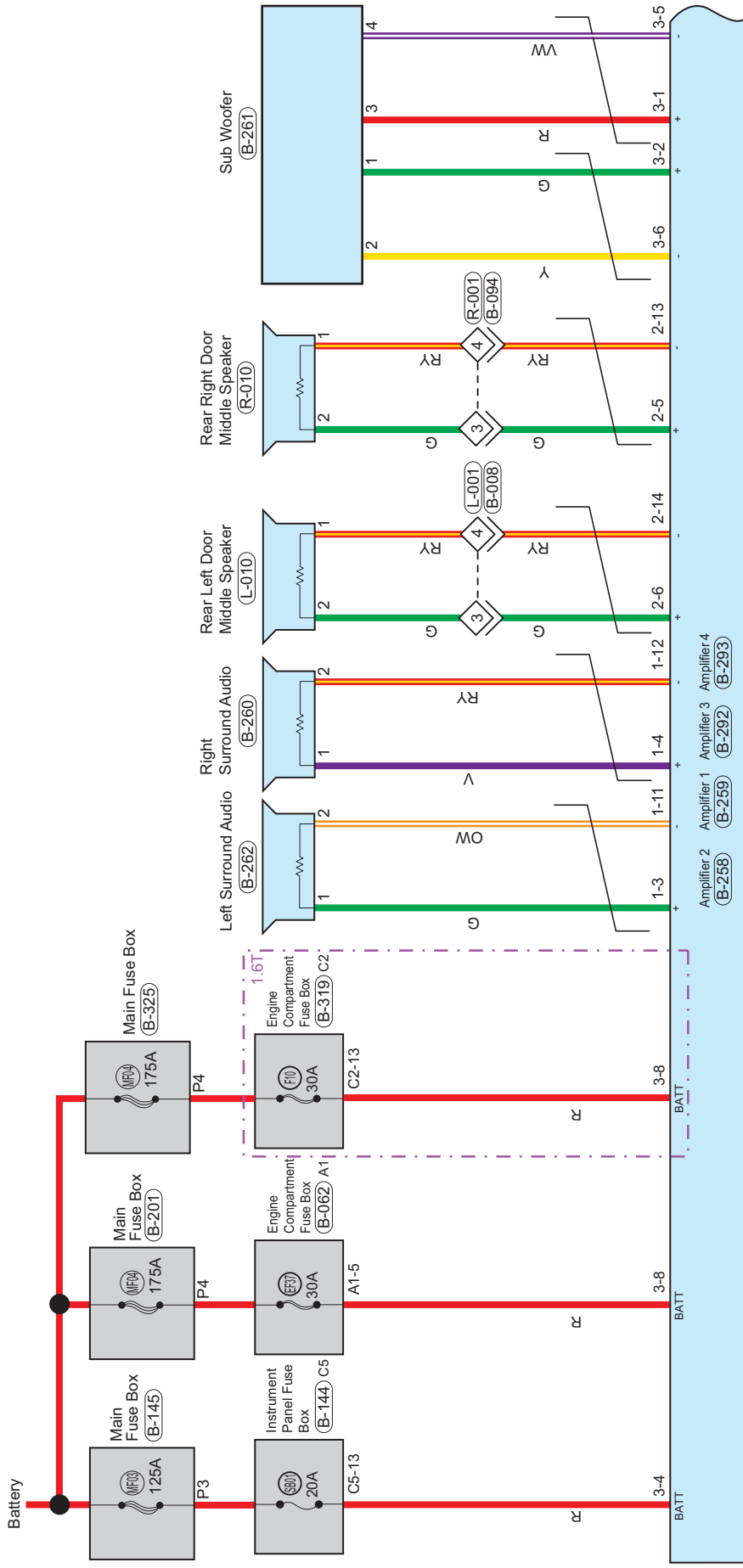
EWD044011

Domain Controller (Instrument Panel/Audio)



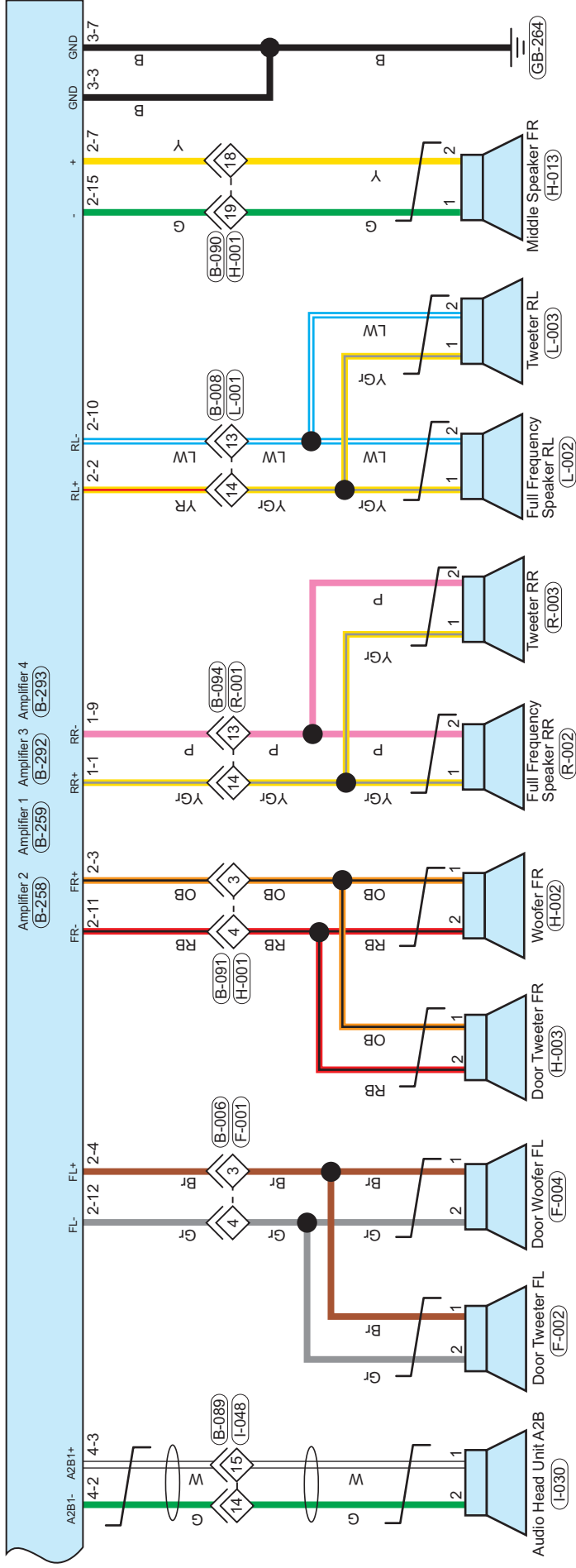
EWD044021

Power Amplifier

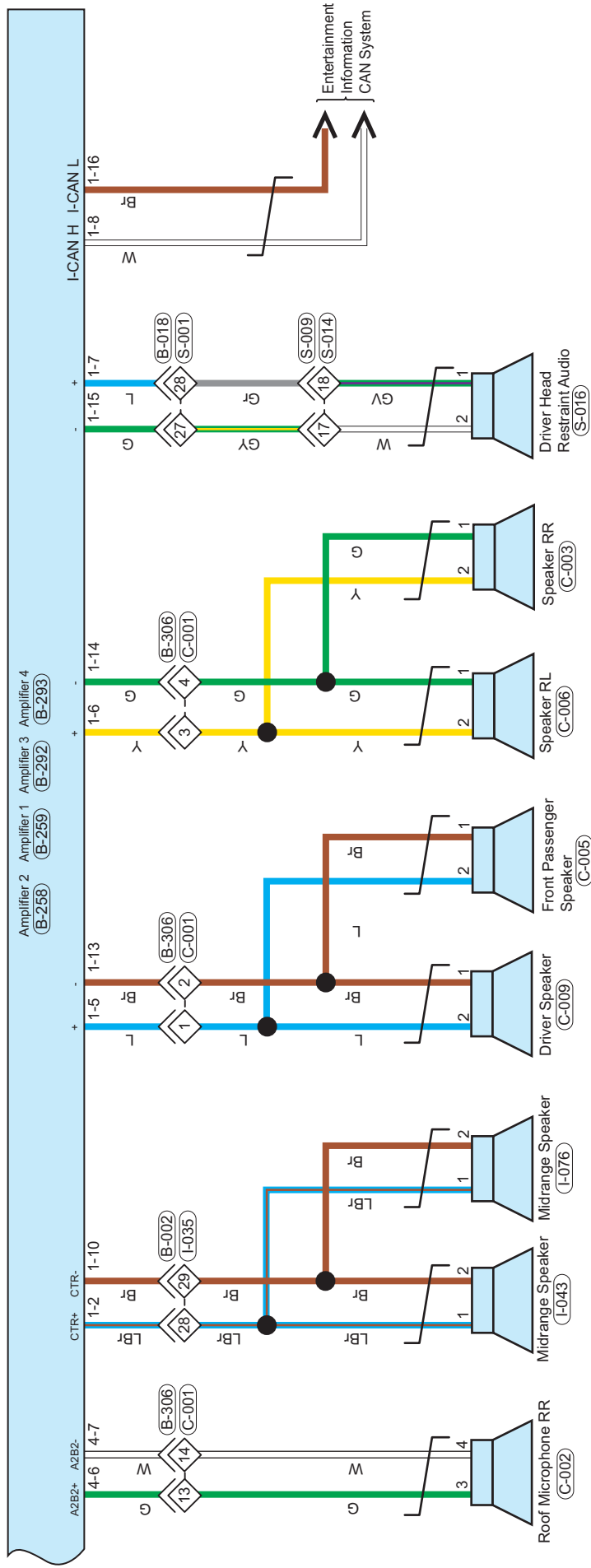


EWD044002

Power Amplifier

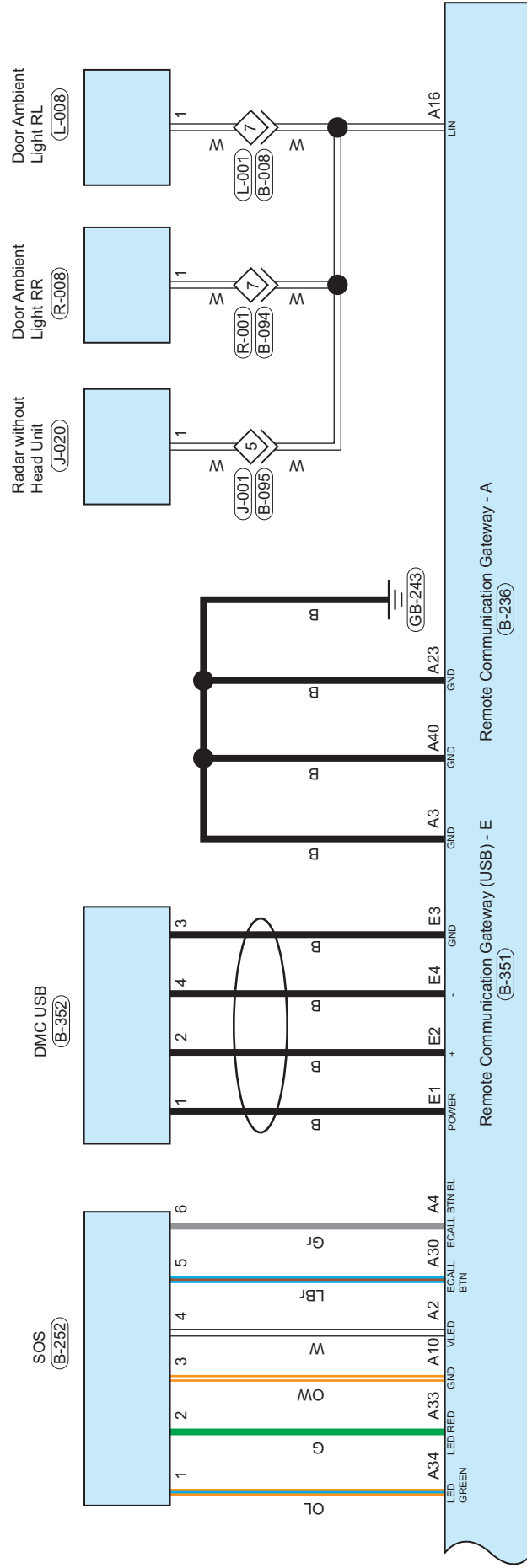


Power Amplifier



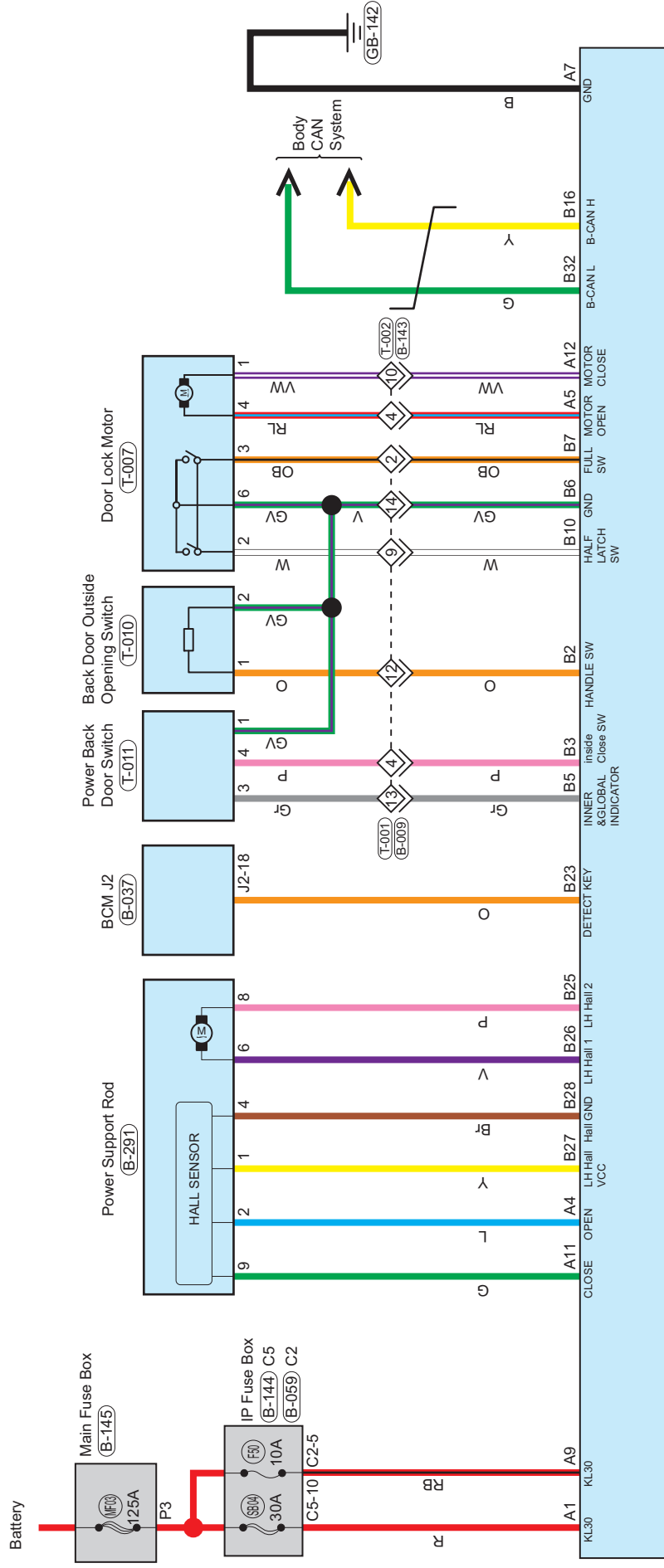
EWD044004

Information Communication Module (T-BOX)



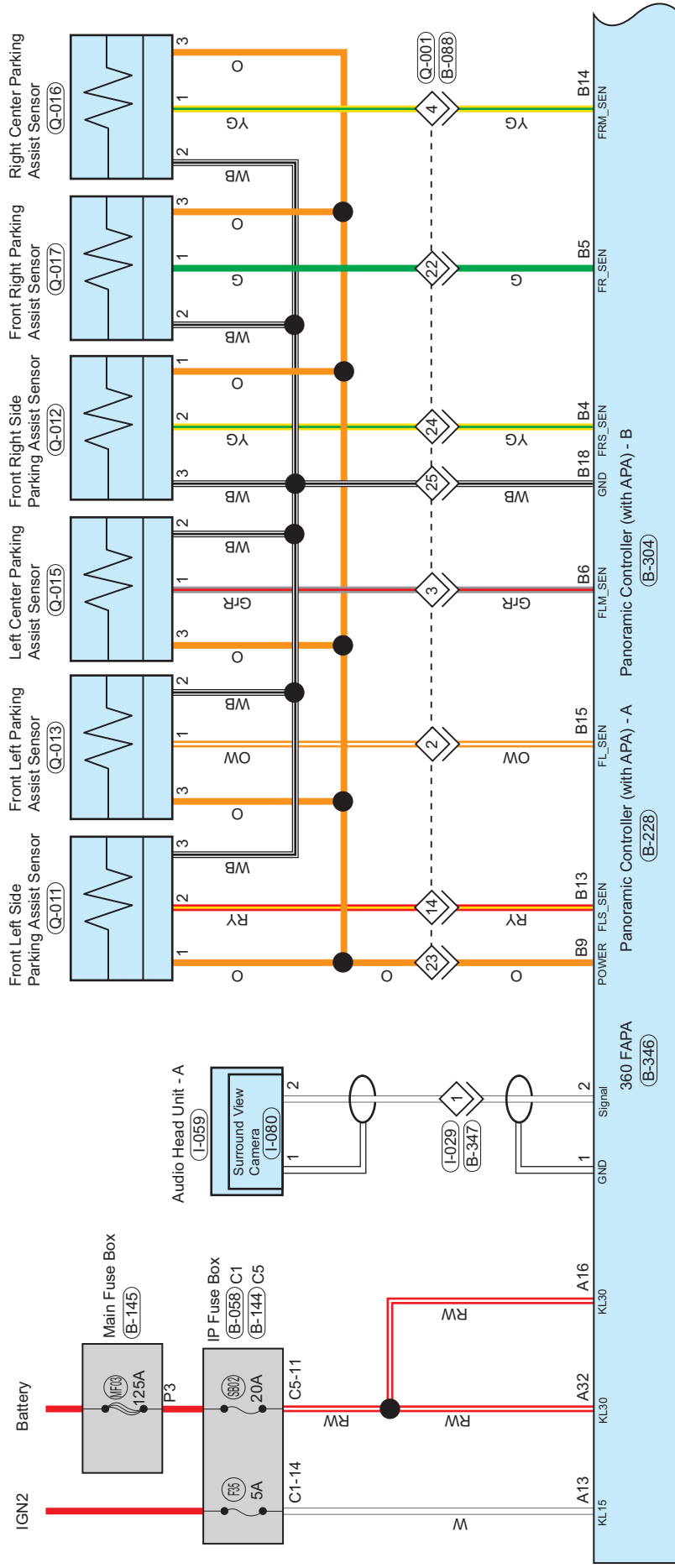
EWD046002

Power Back Door System (PLG)



EWD047001

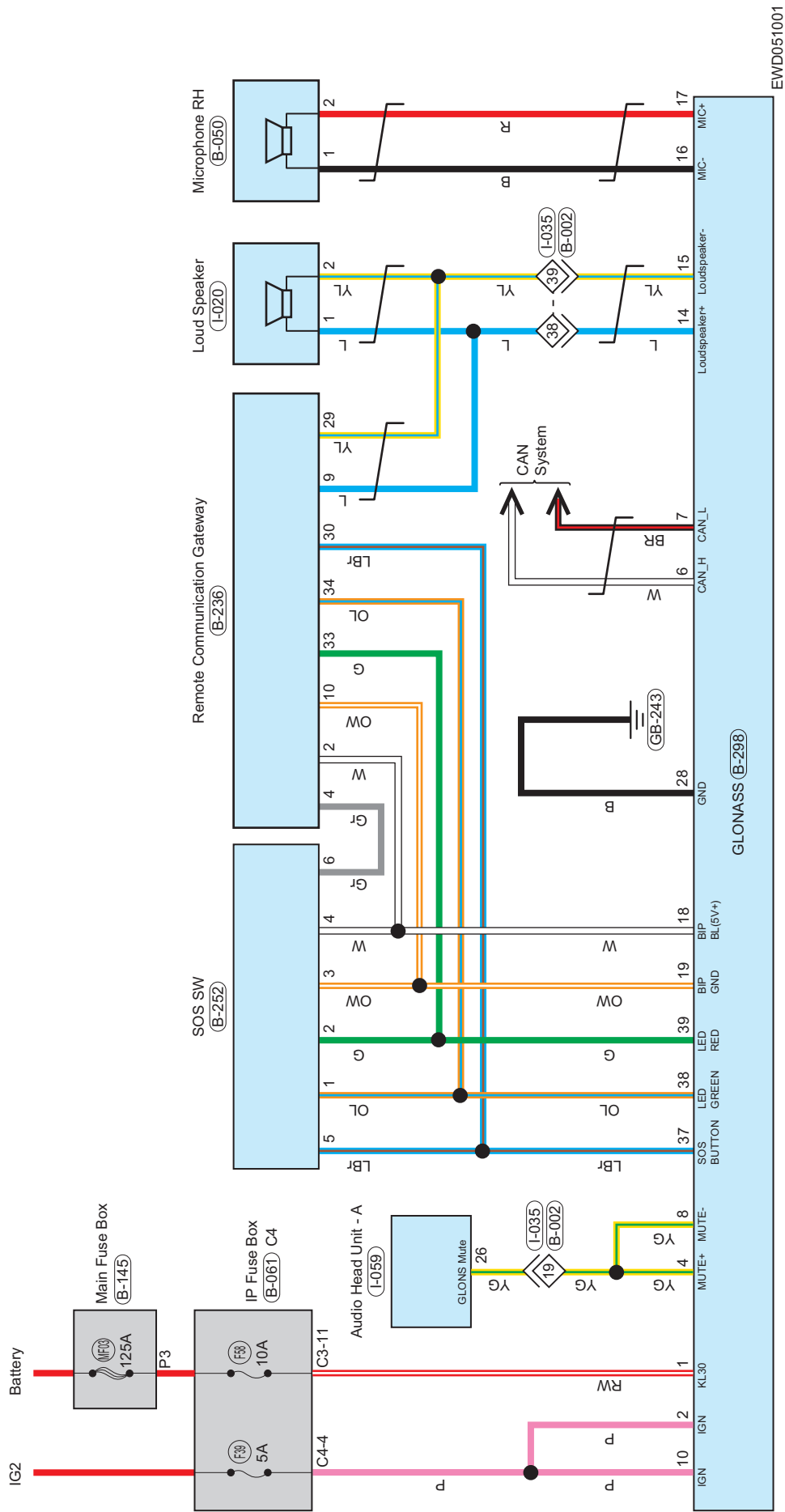
Panoramic Controller (with APA)



EWD049001

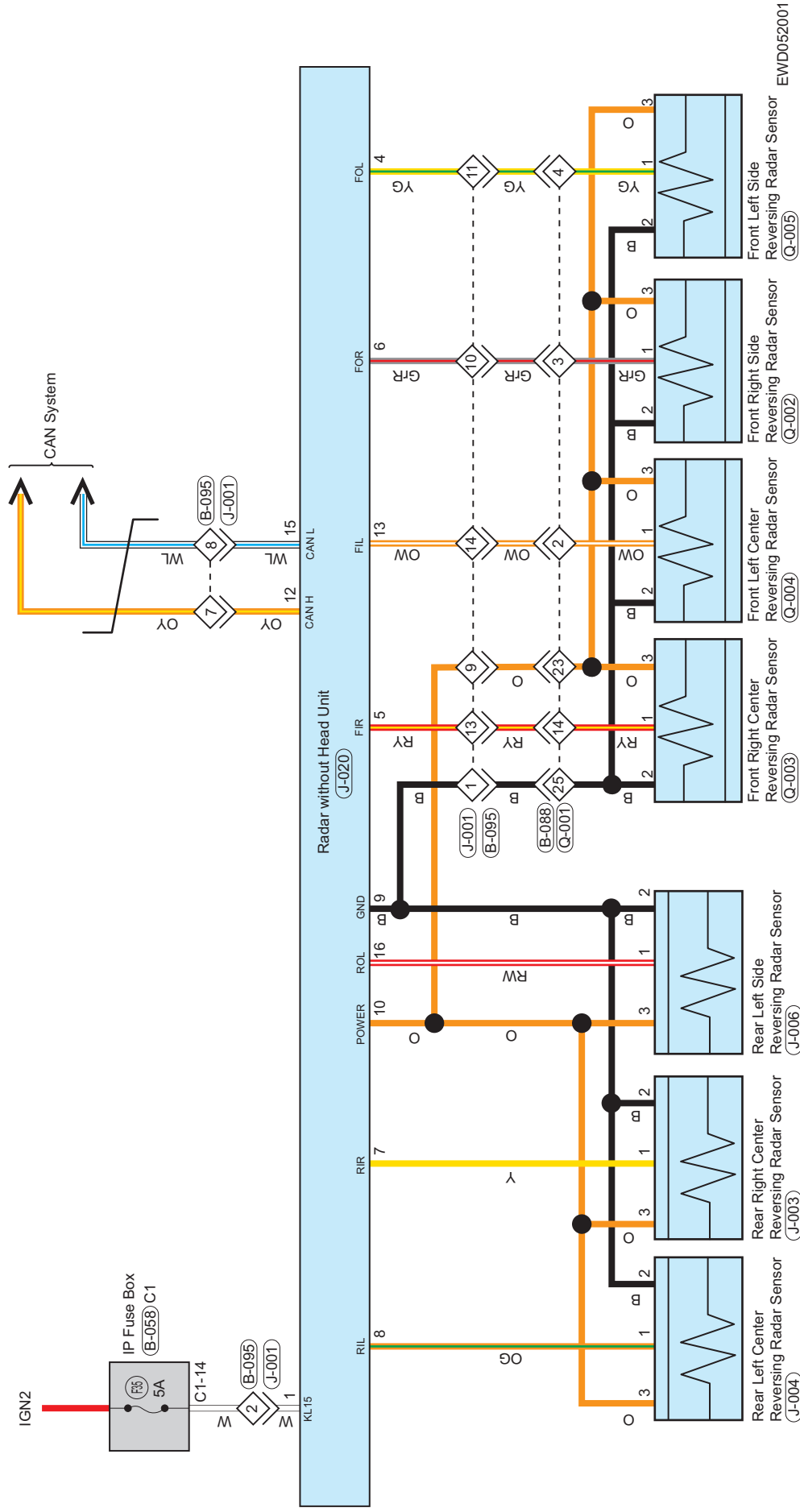
12 - Overall Circuit Diagram

GLONASS

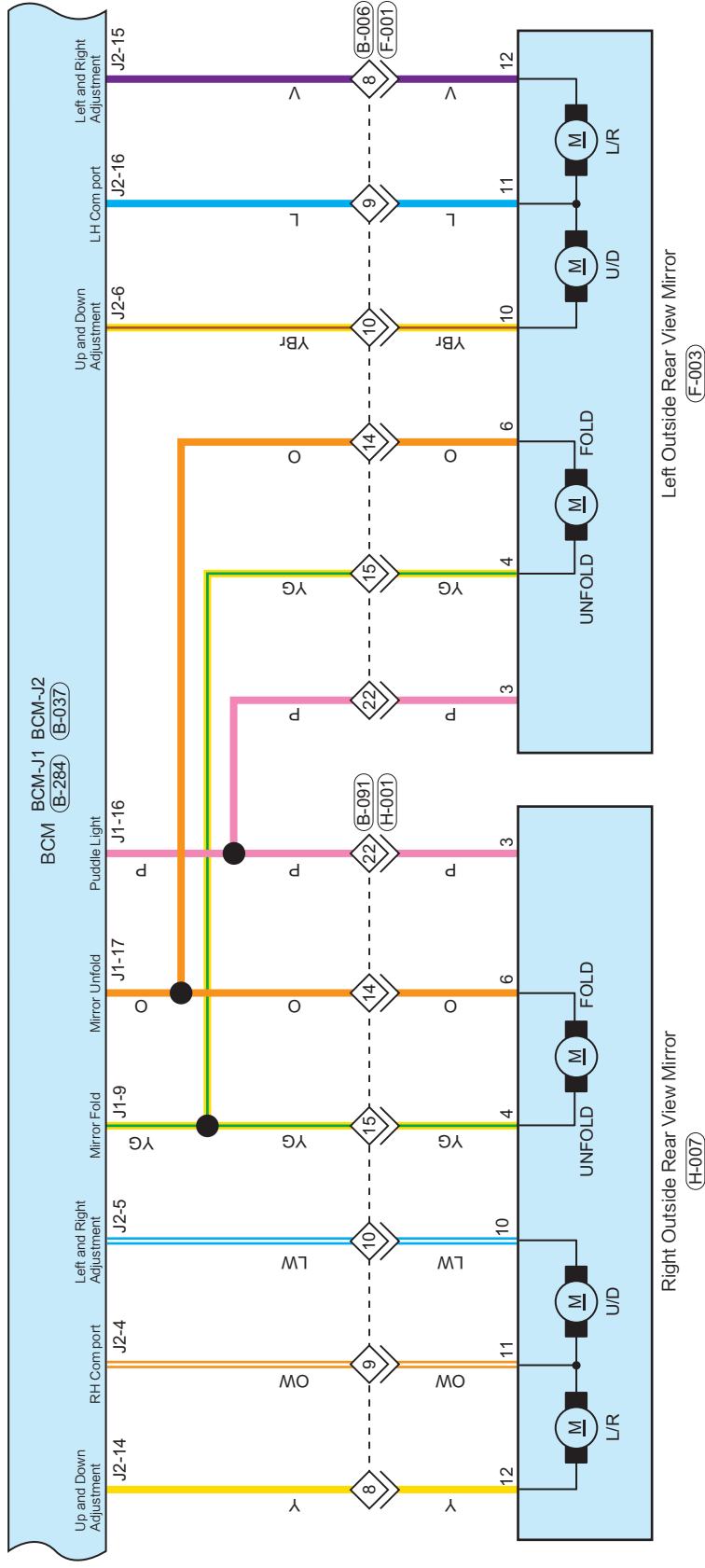


EWD051001

Parking Radar Assist System

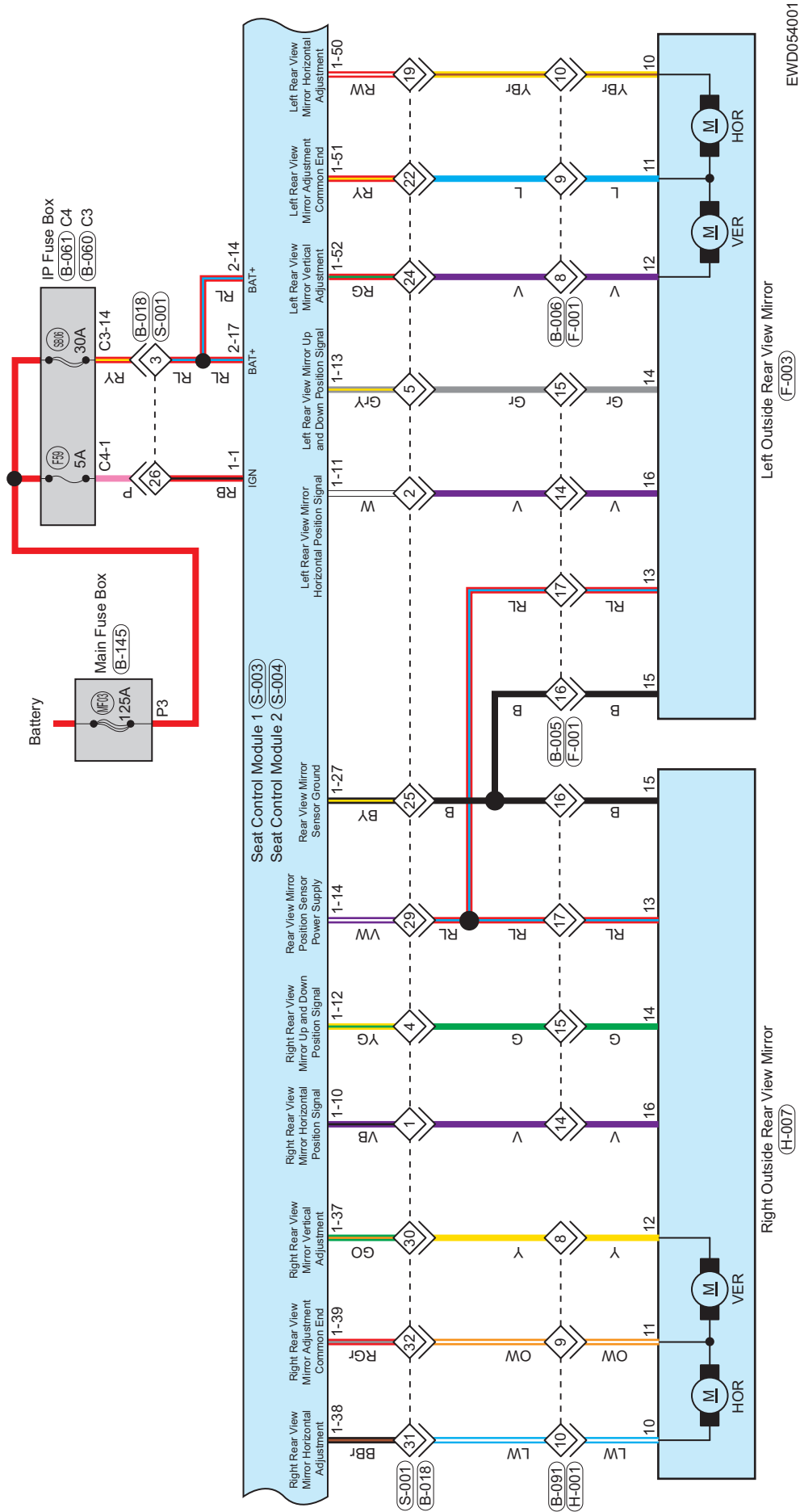


Rear View Mirror



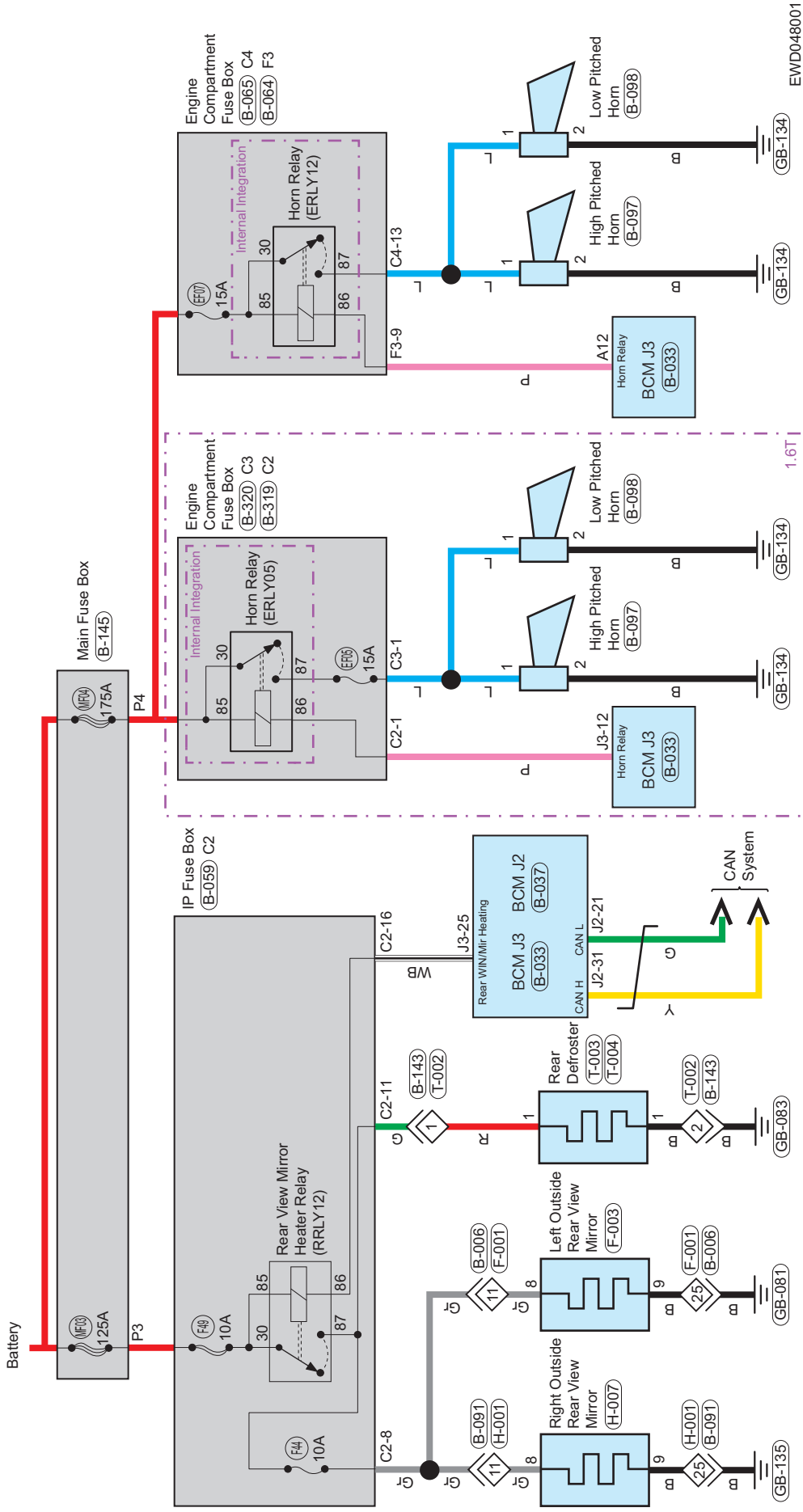
EWD053001

Rear View Mirror



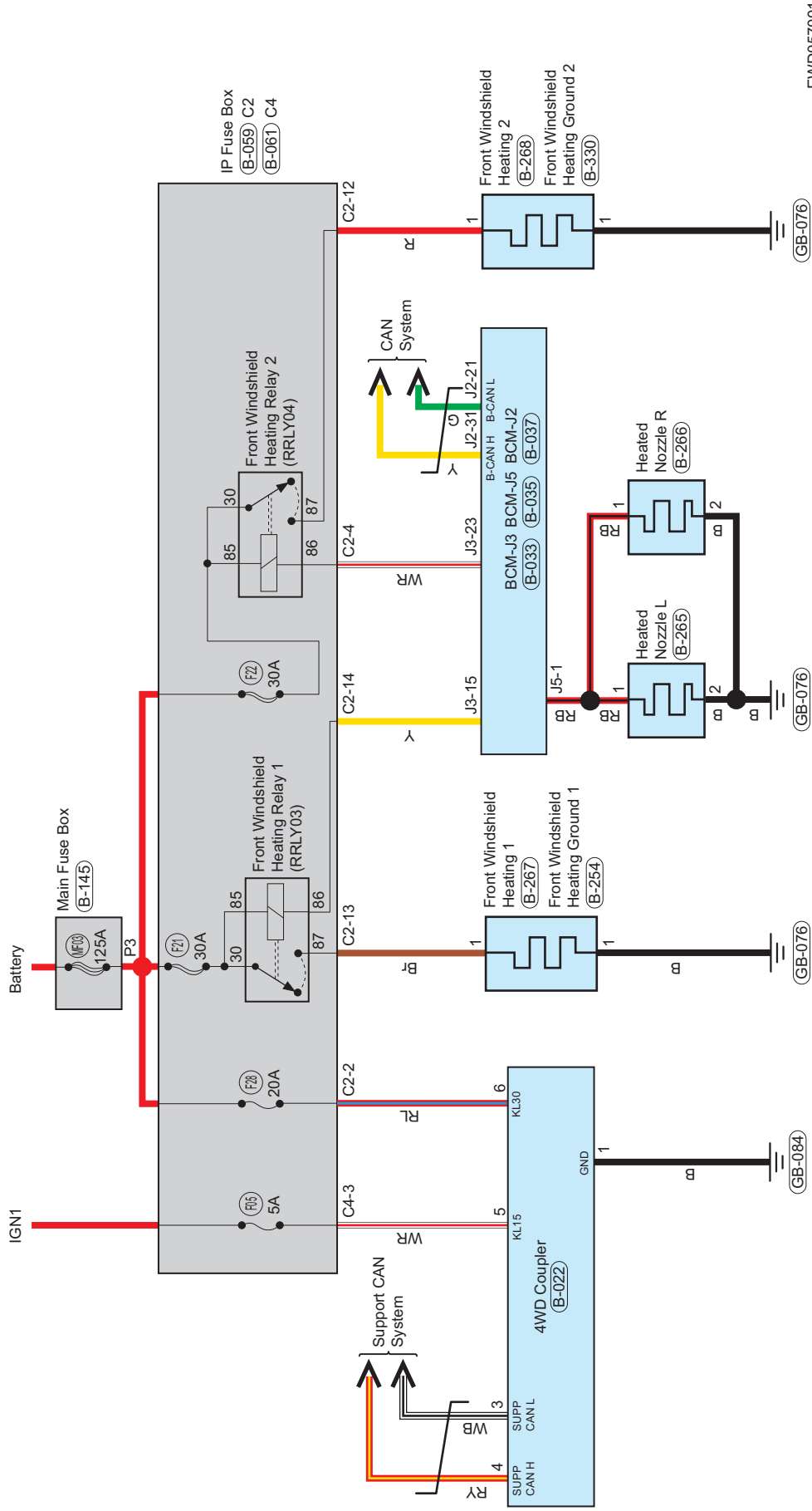
EWD054001

Rear View Mirror Heating/Rear Defroster/Horn



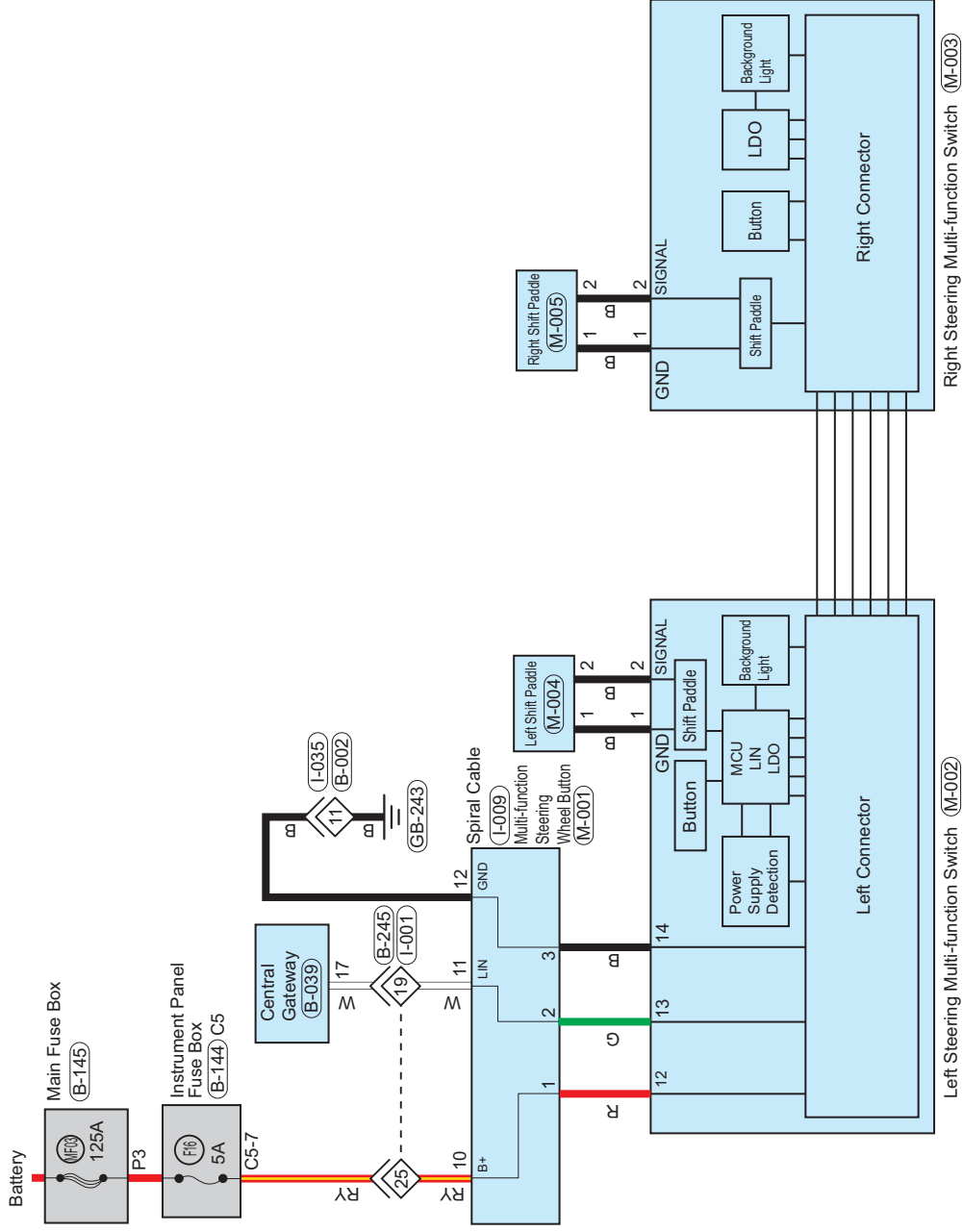
EWD048001

Four-wheel Drive System/Front Windshield Heating



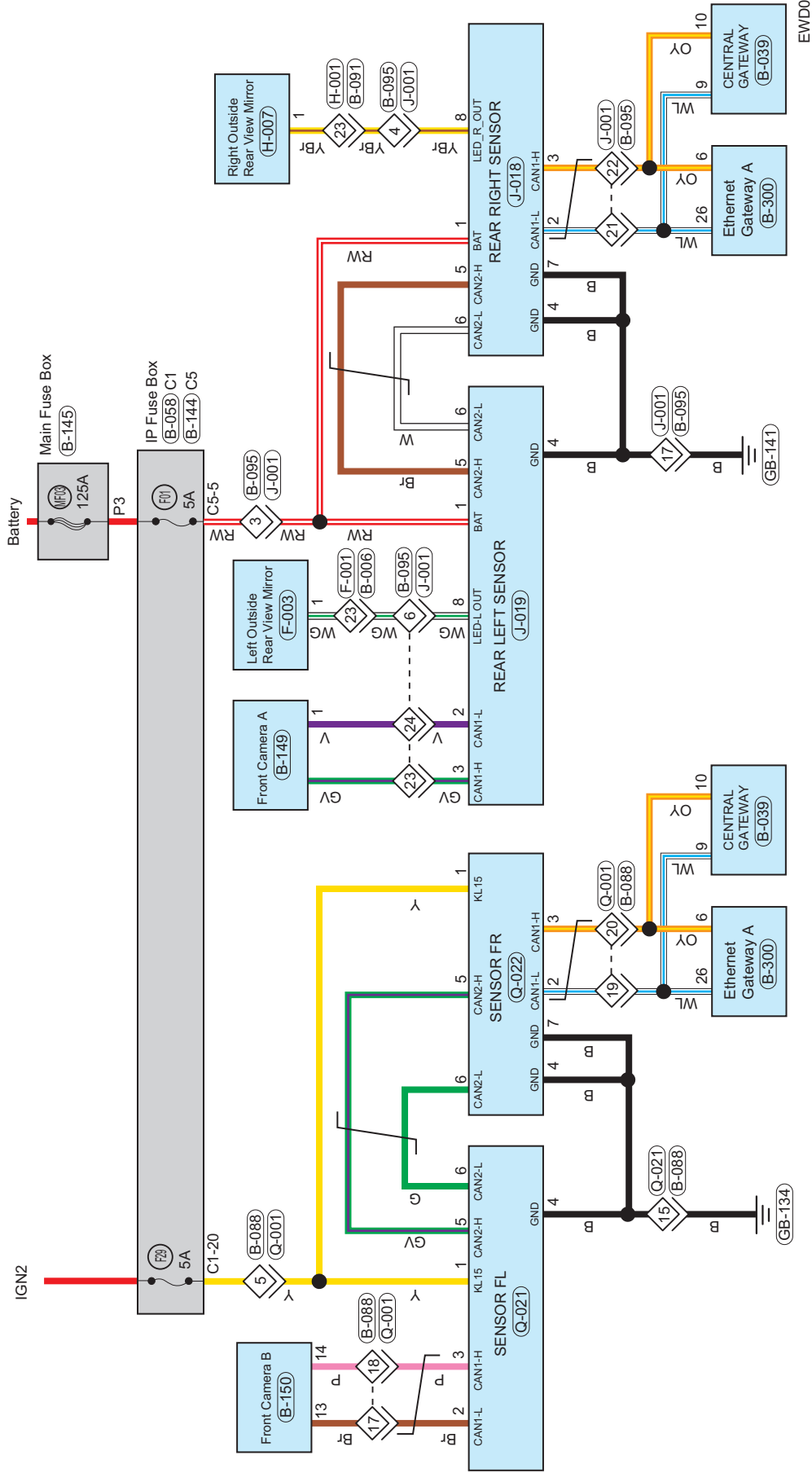
EWD057001

Multi-function Steering Wheel

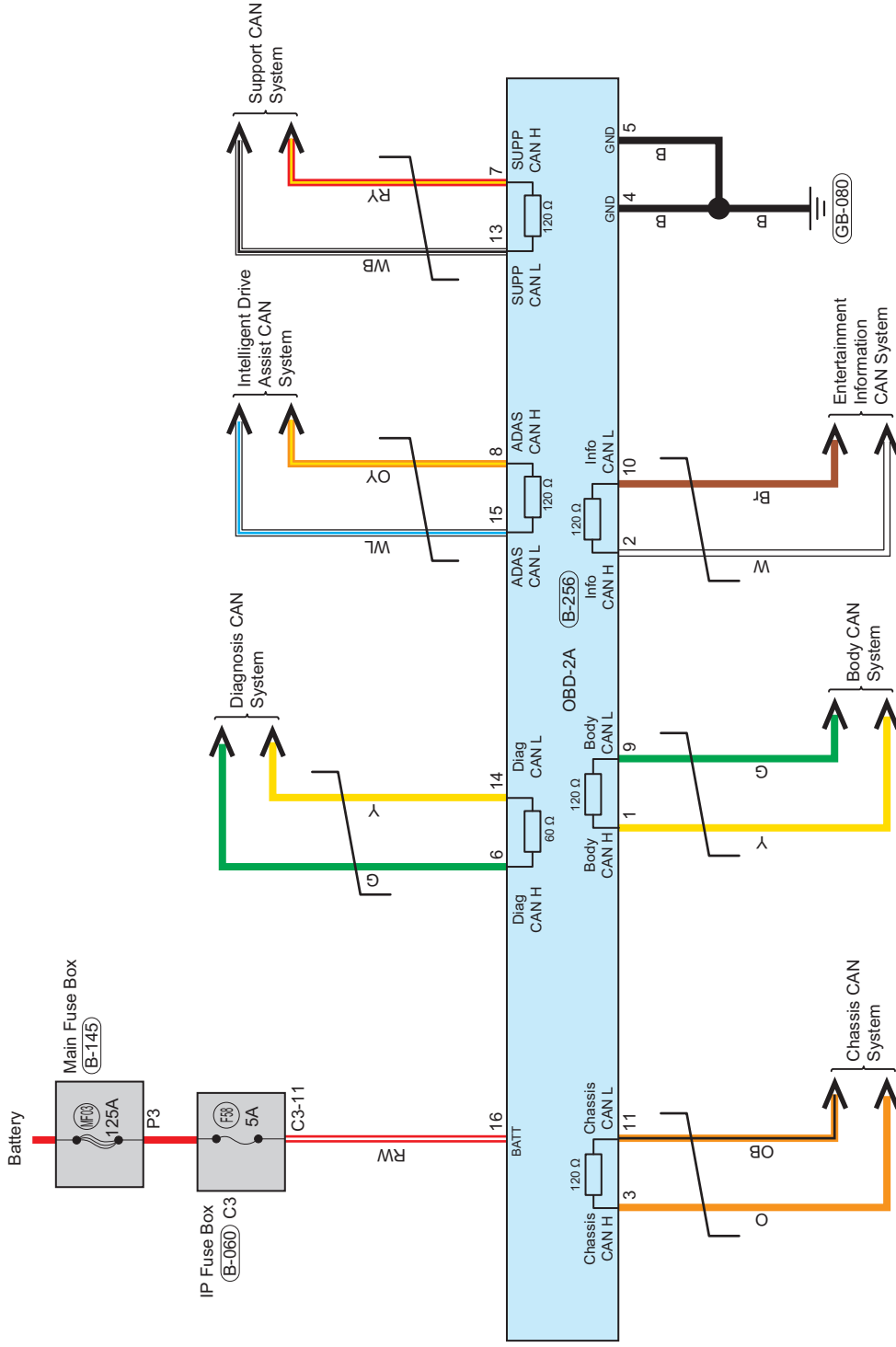


EWD066001

Blind Spot Monitor

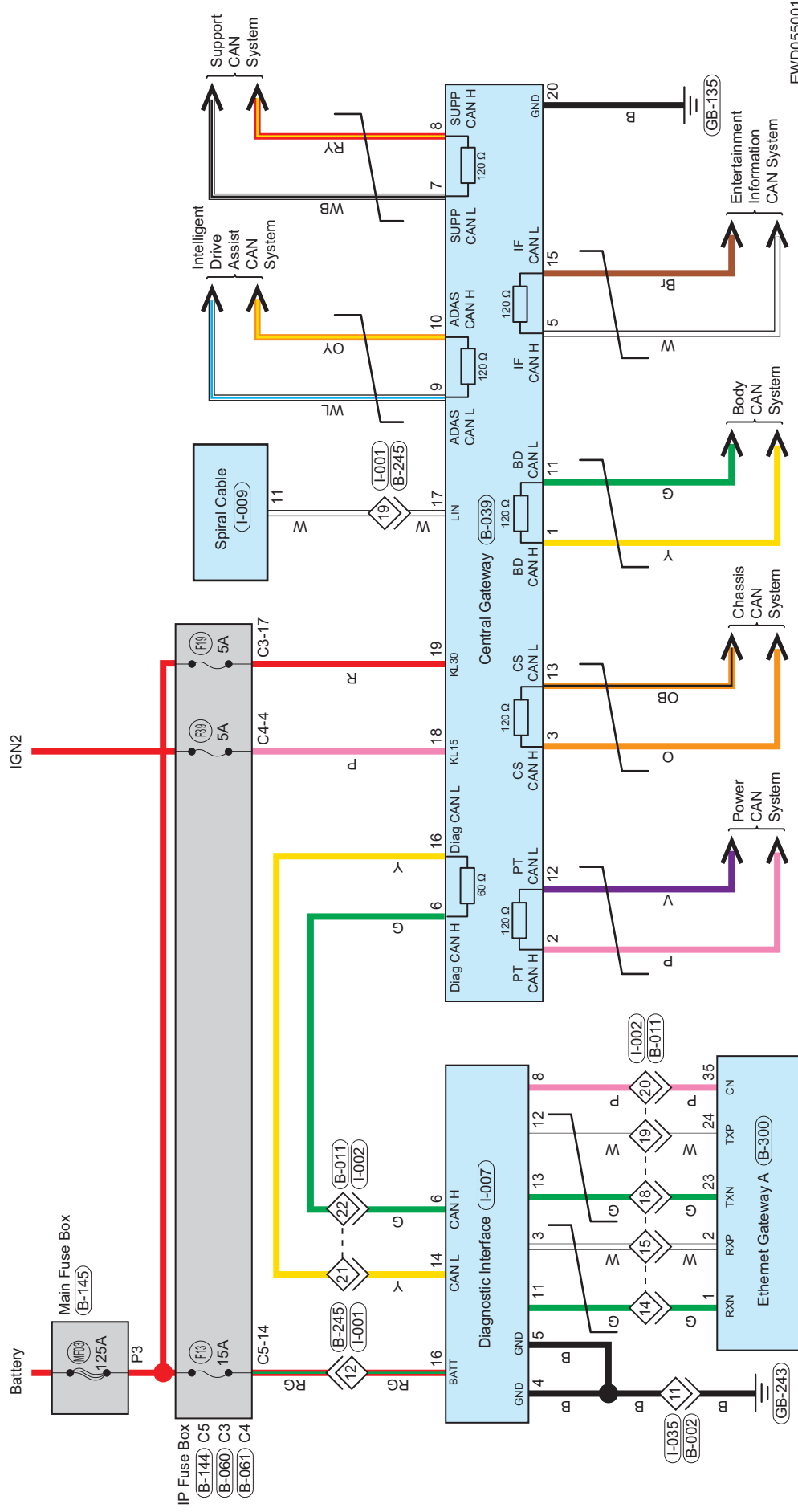


Ethernet (ETH)



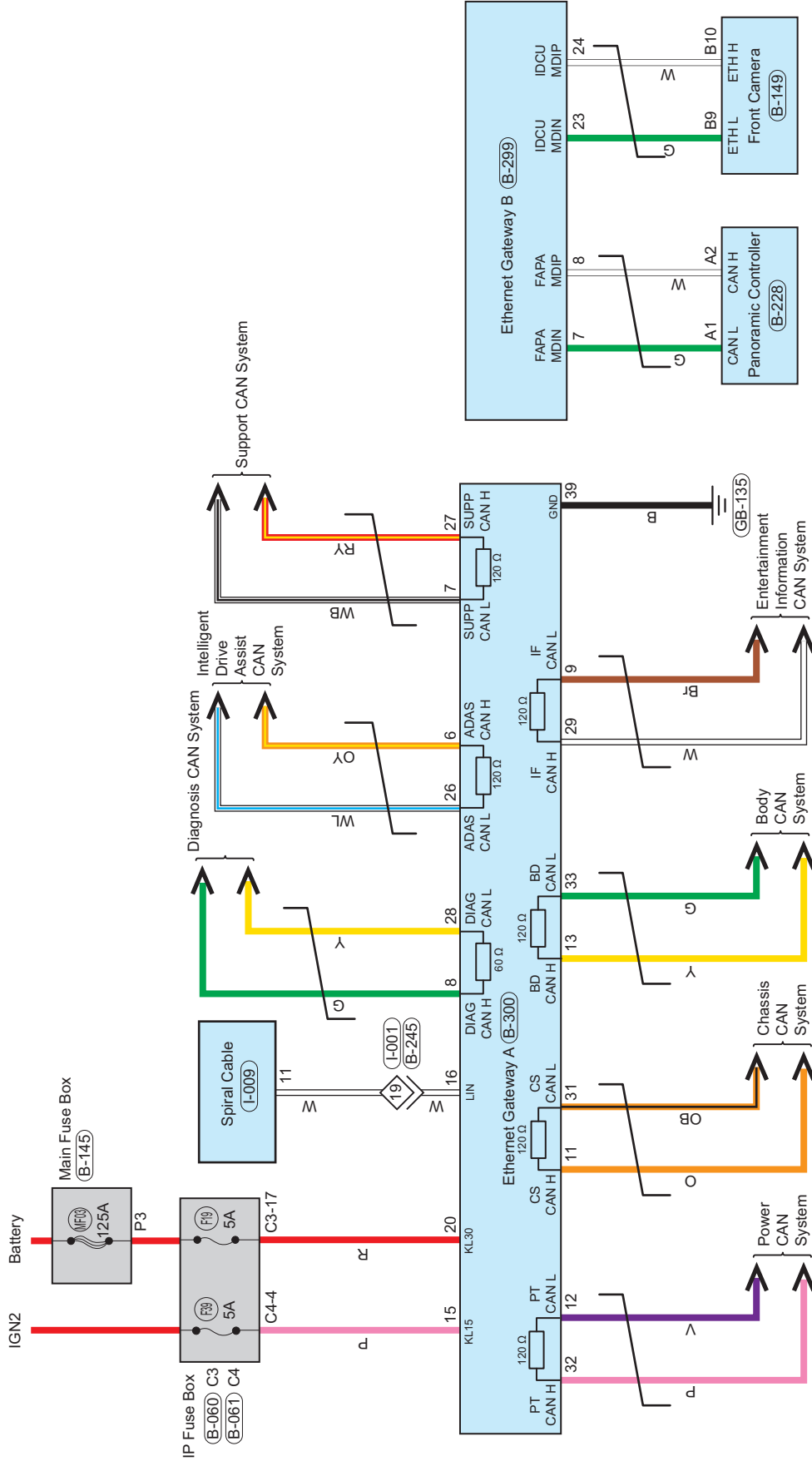
EWD055000

Diagnostic Interface/Central gateway (CGW)



EWD055001

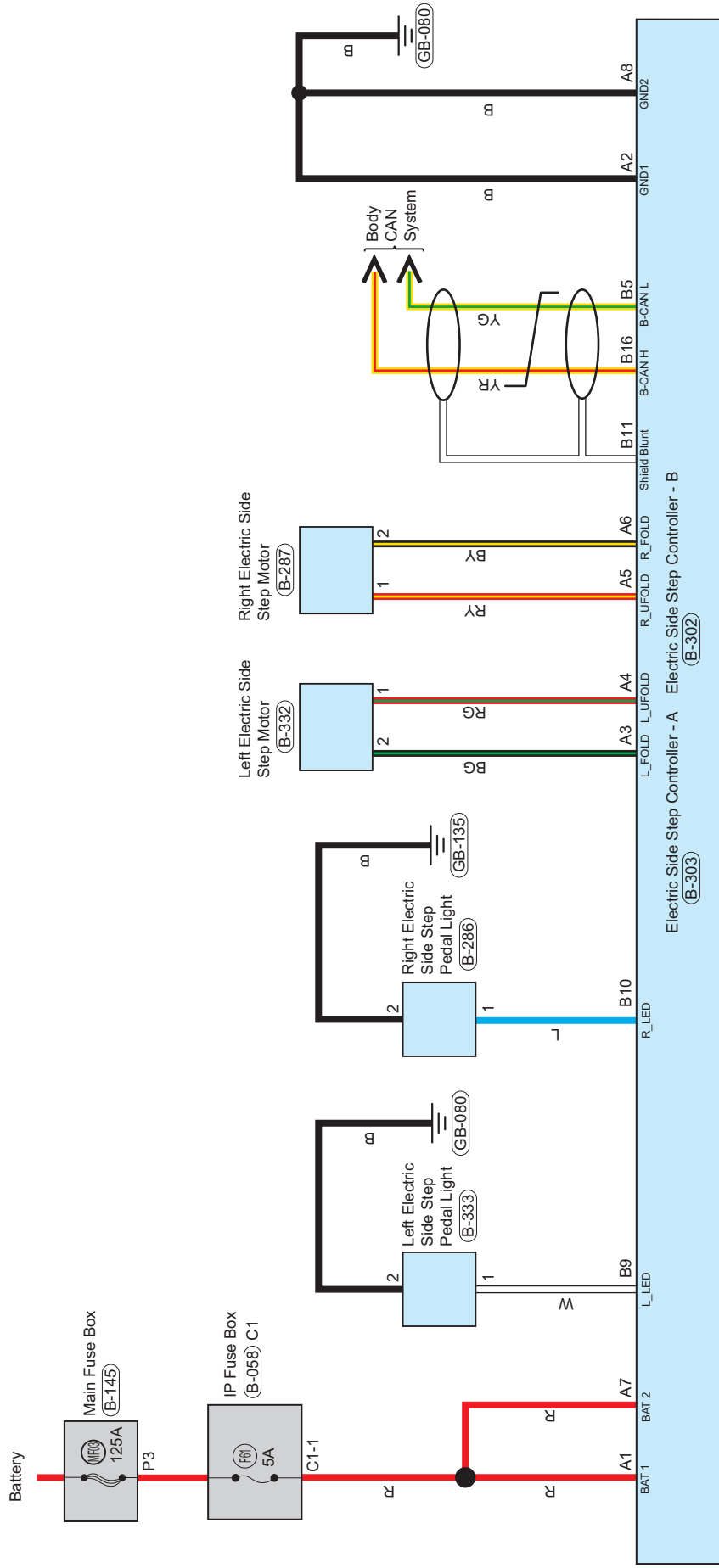
Ethernet (ETH)



EWD055002

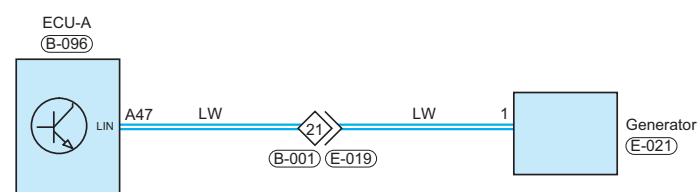
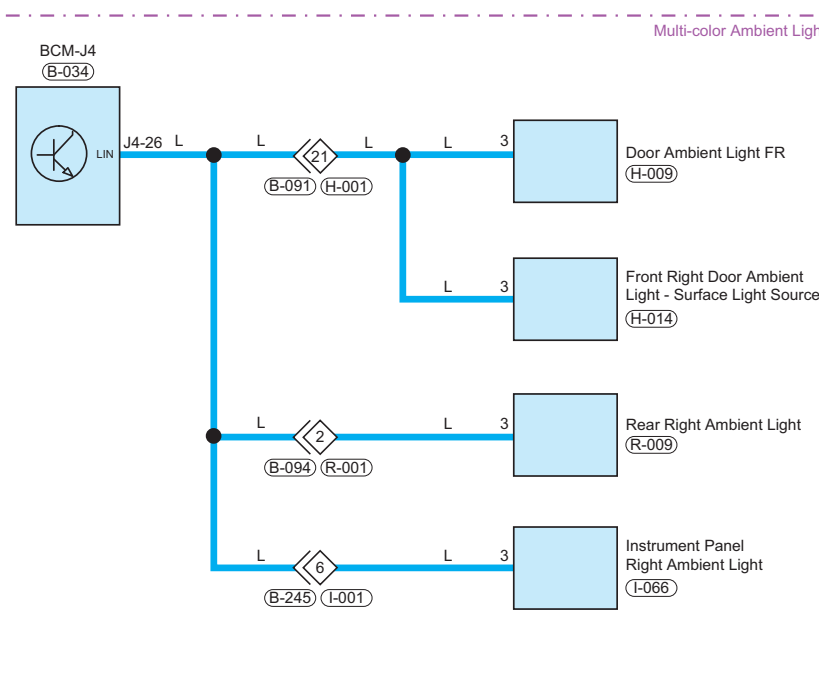
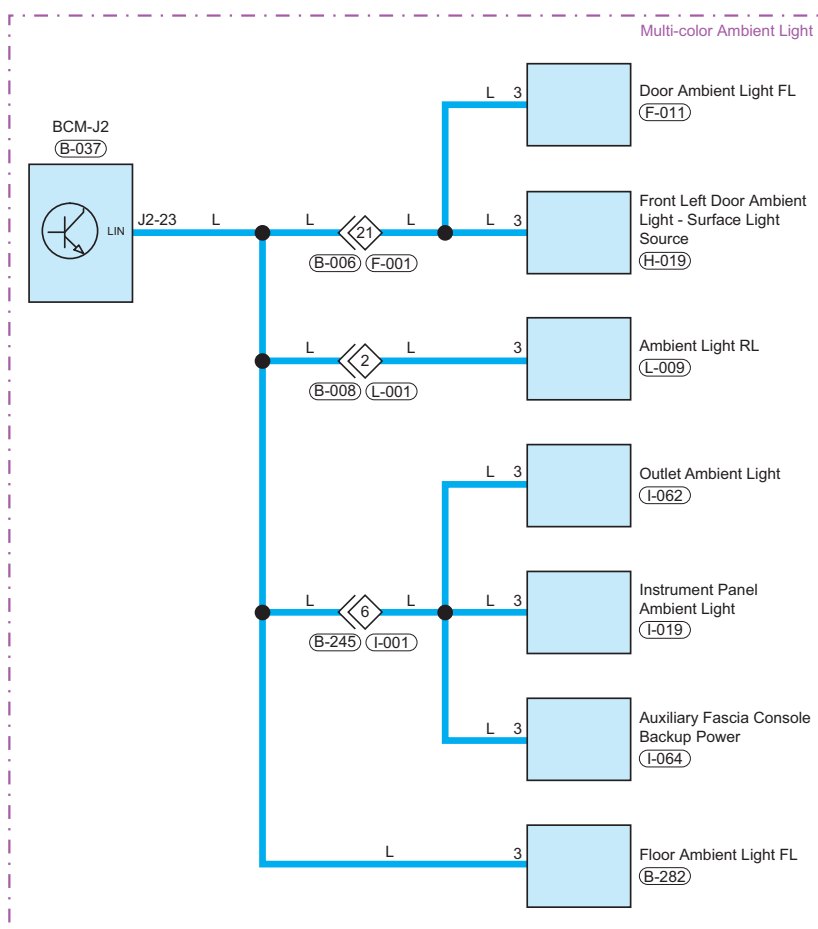
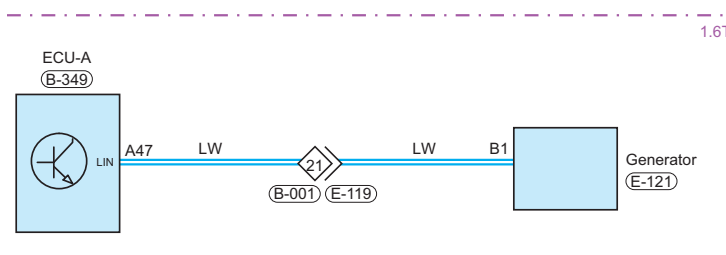
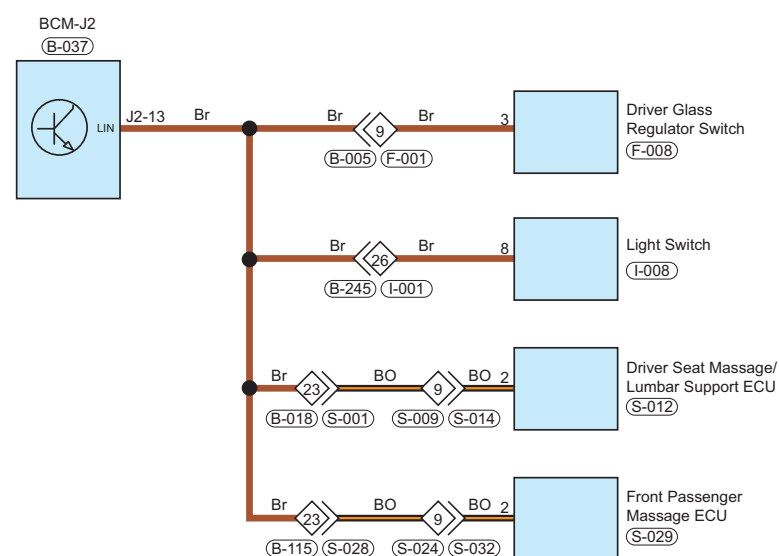
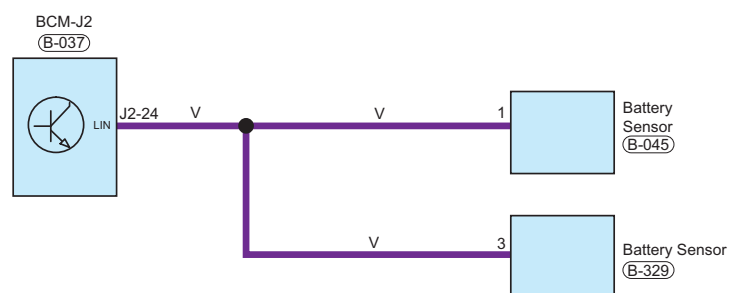
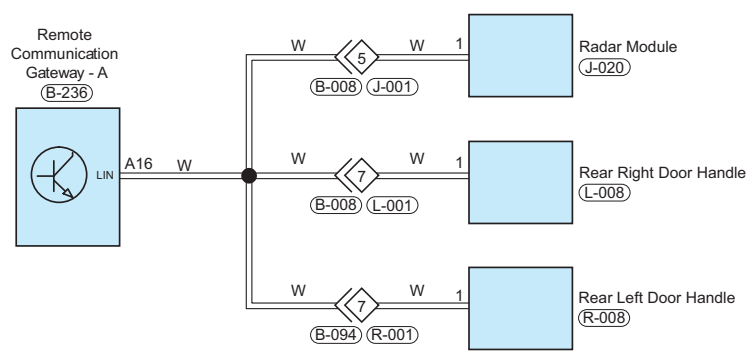
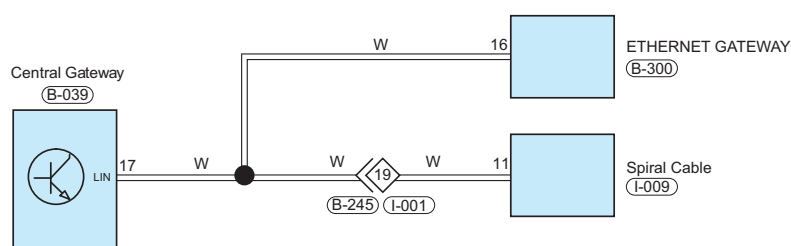
12 - Overall Circuit Diagram

Side Step Pedal

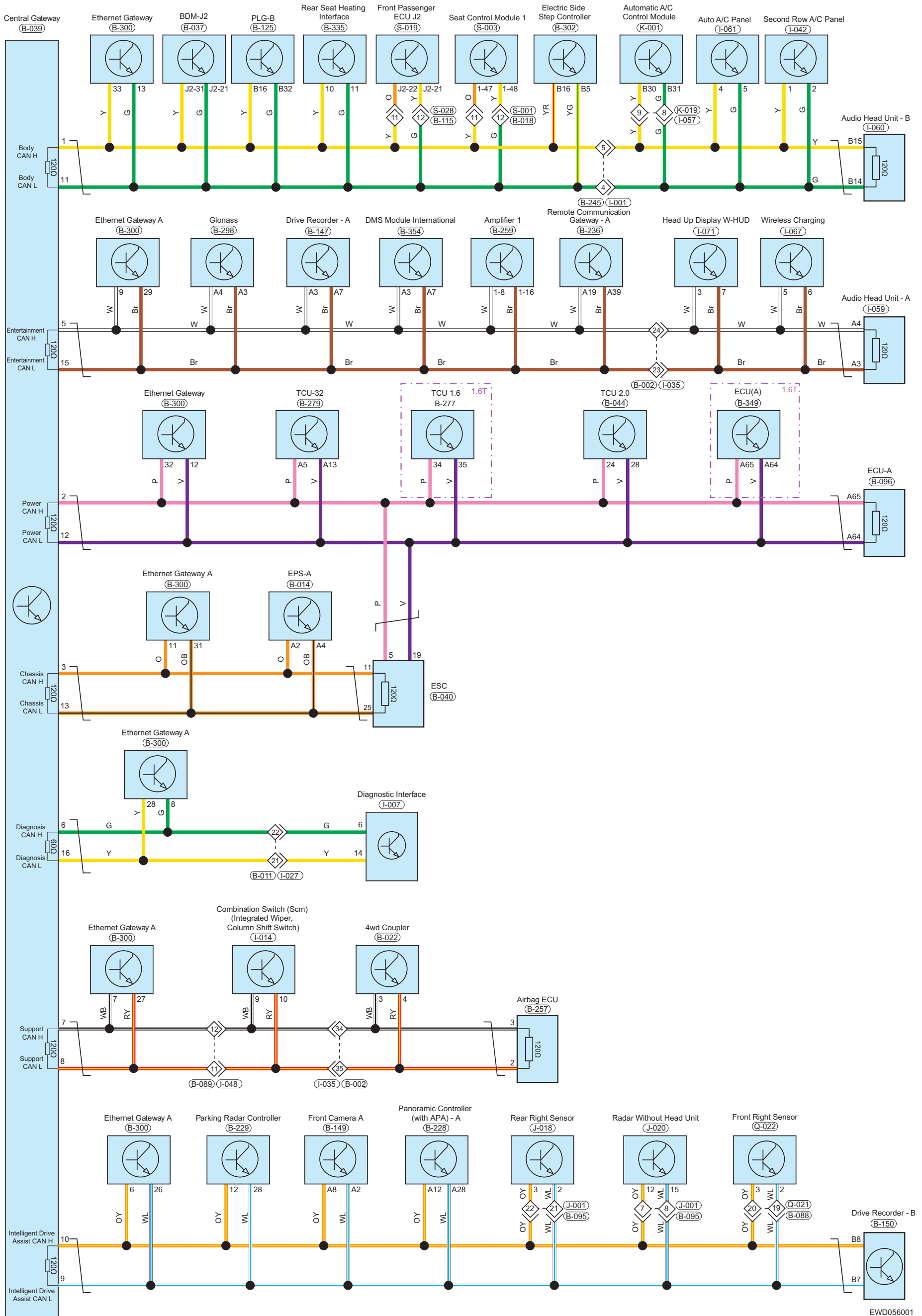


EWD071001

LIN Line



CAN System



EWD056001