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# INTRODUCTION

## Version and Change Description

Version Number	Date	Content	Applicable Model
Version 00	2023/11/17	Circuit diagram	EXEED VX 2023 (2.0T+8AT)

01

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 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.

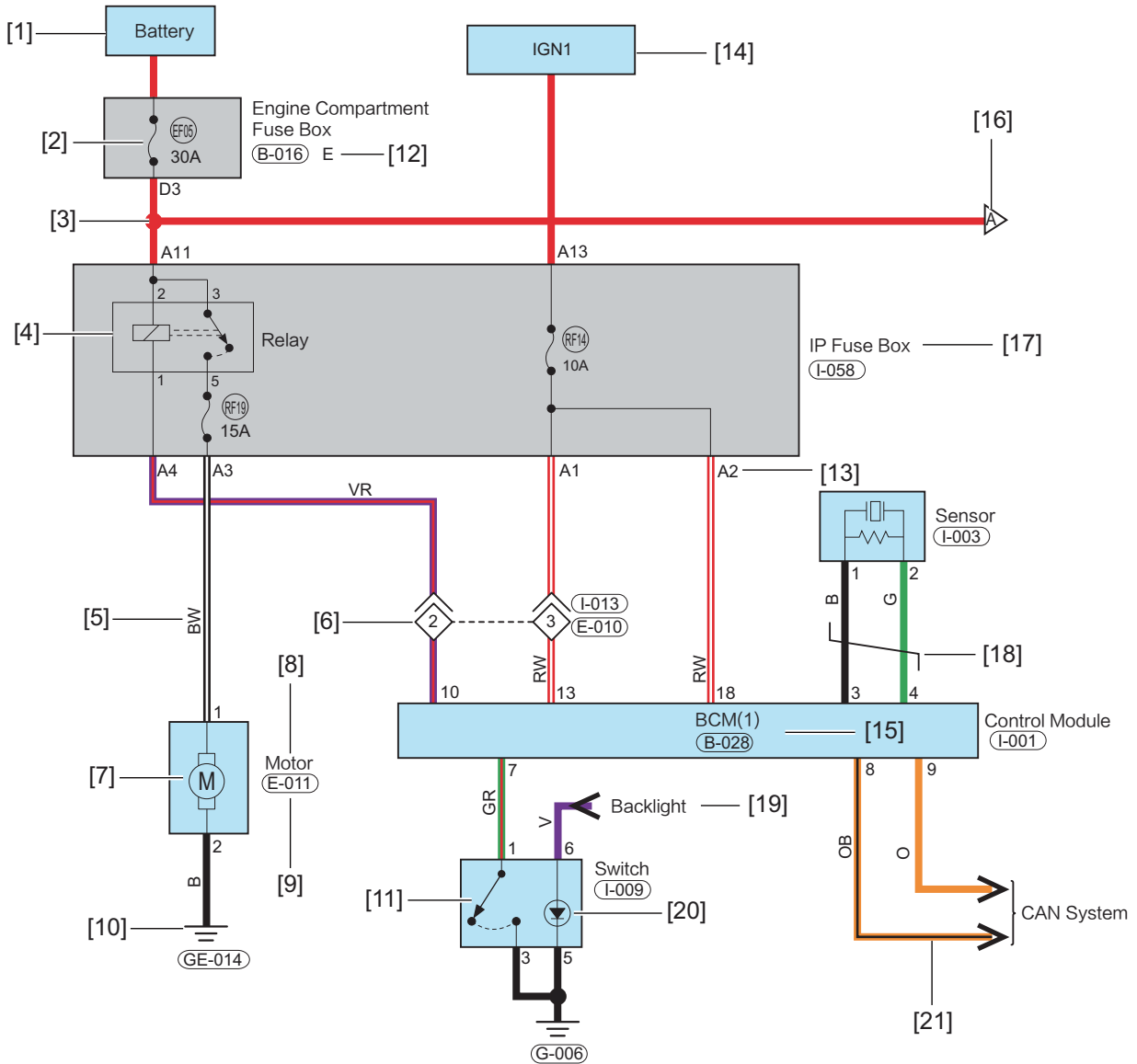
# Circuit Diagram Description

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.

02



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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.

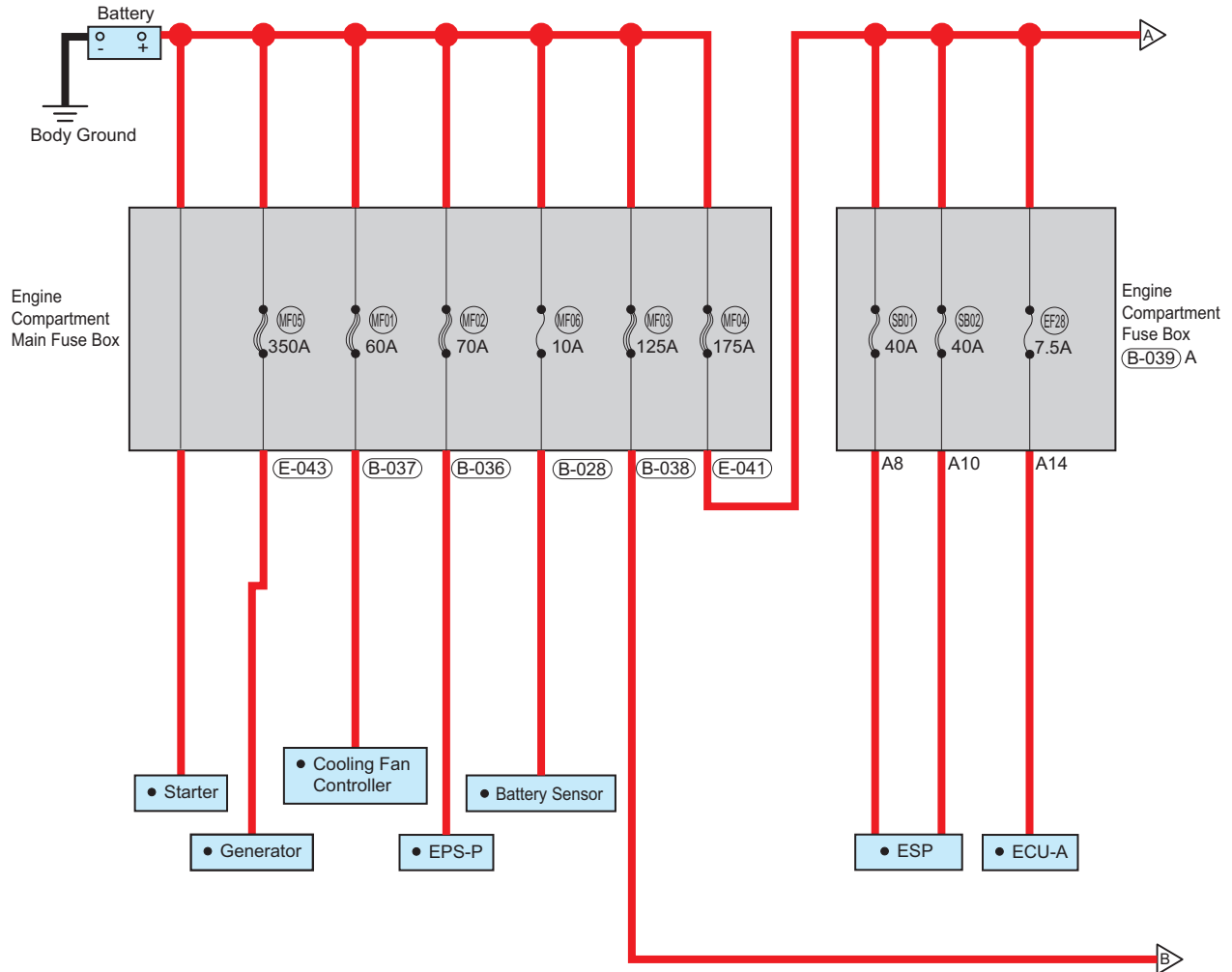
No.	Definition	Description
[1]	Battery	Indicates the power supply from positive battery of battery to electrical equipment.
[2]	Fuse	This symbol indicates a fuse; "EF05" indicates the fuse number; "30A" indicates the rated current of the fuse.
[3]	Junction Point	A solid circle indicates a cross connection 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. If the wire color in the manual does not match the real vehicle, it is subject to real vehicle. 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	<p>“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:</p> <p>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  S = Seat Wire Harness</p>
[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.

Example



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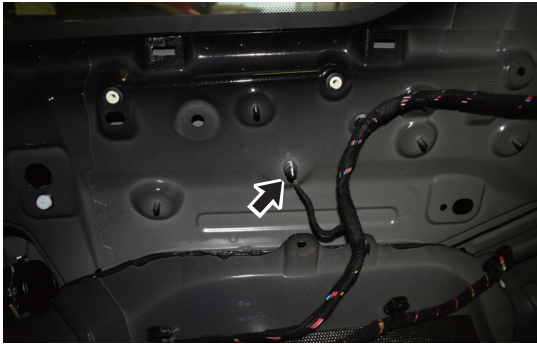
\* The system shown here is used as an example only. It is different to the actual circuit shown in "Power Supply" section.

## 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

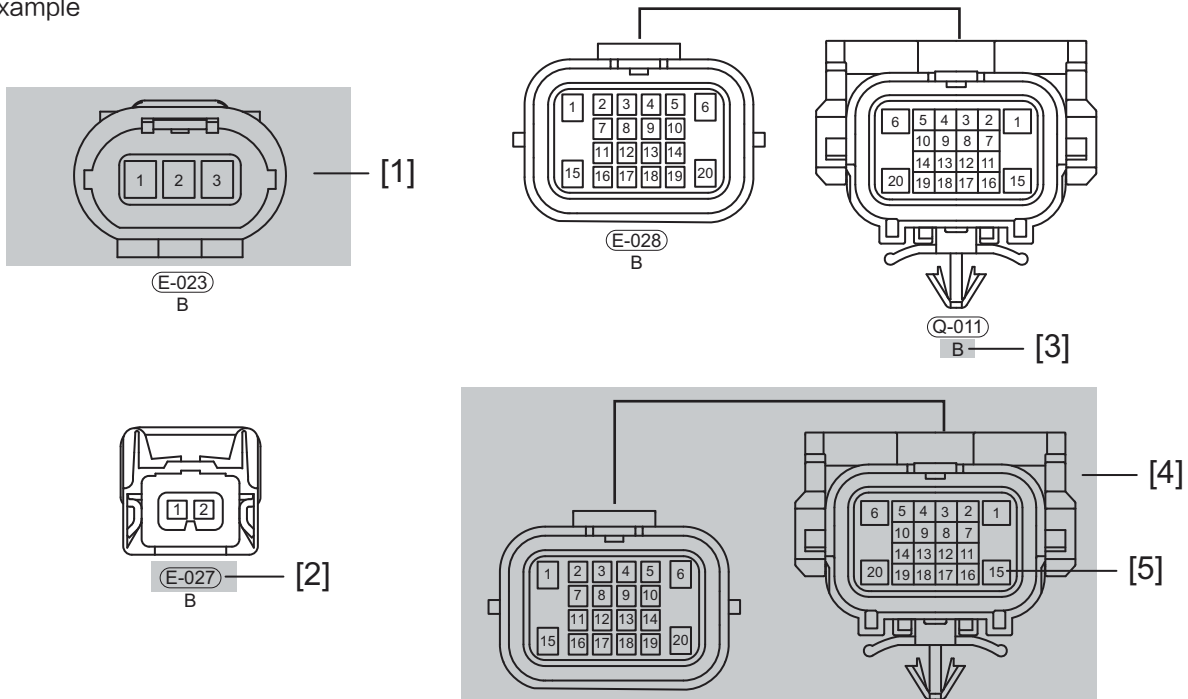
Ground Position	Physical Graphics
<p>Right C-pillar Inner Plate</p>	
<p>The diagram shows a ground point labeled GB-086 connected to a network of wires. A diamond symbol with the number 17 is also present. The components connected are:</p> <ul style="list-style-type: none"> <li>5 wires to LEFT BLIND SPOT DETECTION MODULE (J-014)</li> <li>3 wires to RIGHT BLIND SPOT DETECTION MODULE (J-003)</li> <li>1 wire to REAR FOG LIGHT (J-011)</li> <li>1 wire to REAR RIGHT COMBINATION LIGHT (BODY PART) (B-089)</li> <li>1 wire to LUGGAGE COMPARTMENT LIGHT (B-090)</li> <li>2 wires to 12V POWER SUPPLY SOCKET (B-092)</li> <li>J1-13 to PDC-J1 (B-087)</li> </ul>	

EWD004001

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

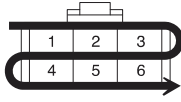
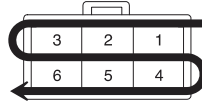
# Connector List Description

Example



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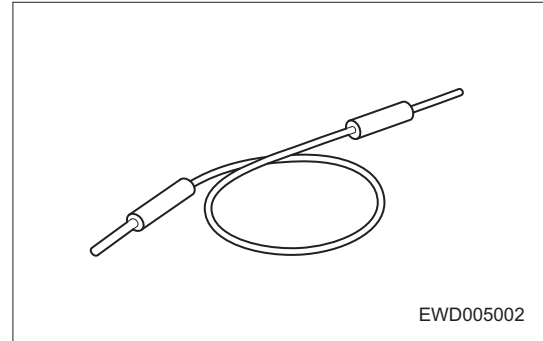
No.	Definition	Description
[1]	Connector	It indicates the connector connected to the part. (This number indicates the terminal number.)
[2]	Connector Code	It indicates the connector code.
[3]	Connector Color	It indicates the connector color.
[4]	Connecting Wire Connector	It indicates shape of connector 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: Numbered sequentially from top left to bottom right Numbered sequentially from top right to bottom left  <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Female</p> </div> <div style="text-align: center;">  <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.



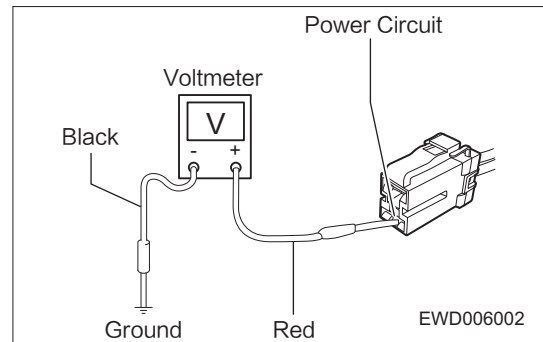
03

#### Warning

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

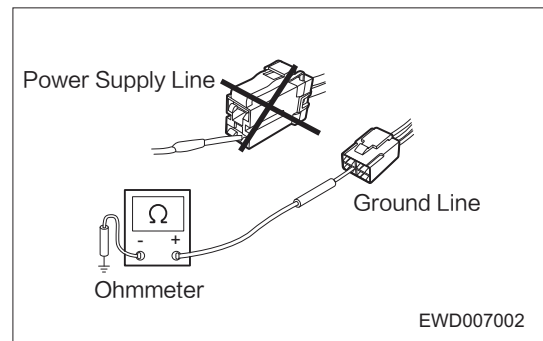
### 2. Voltmeter

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.

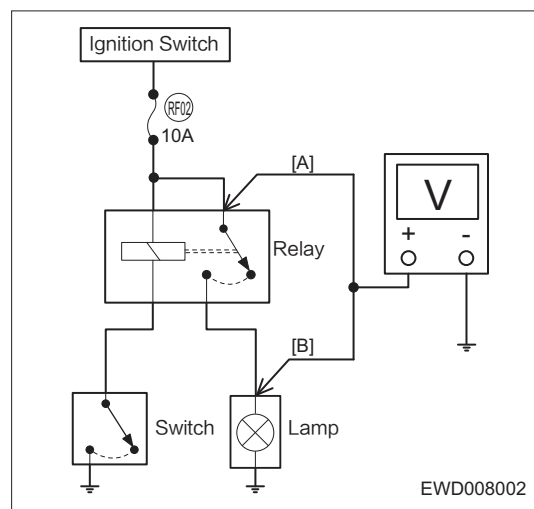
Example:

[A] - Ignition switch ON

[B] - Ignition switch and switch ON

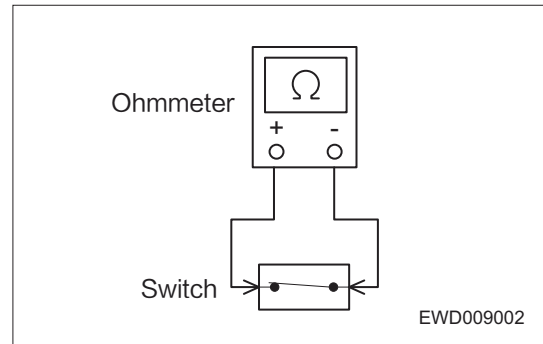
2. Use a voltmeter to connect the negative probe (black) to a good ground point or battery negative terminal, and connect the positive probe (red) to the connector or component terminal.

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



## Circuit Continuity Test

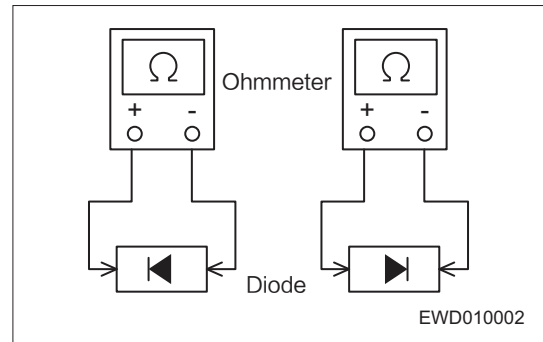
1. Turn off all electrical equipment and the ignition switch, and disconnect the battery negative cable.
2. Remove the tested circuit.
3. Connect the two probes of ohmmeter to both ends of tested circuit, and check the circuit conductivity (small resistance indicates good circuit conductivity).



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.

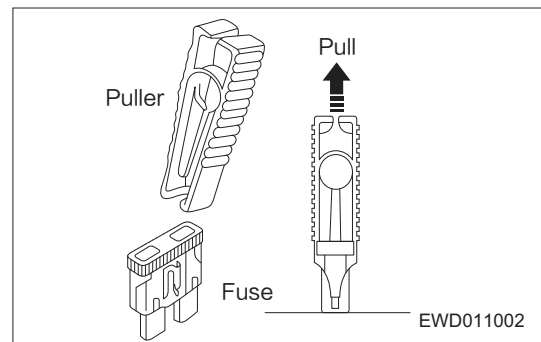
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### Fuse Replacement

#### 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.

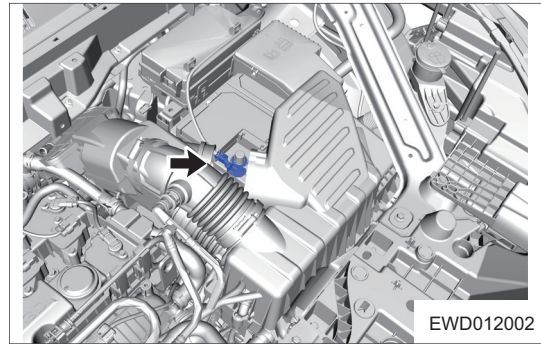
1. Turn off all electrical equipment and ENGINE START STOP switch before repair.
2. Remove the blown fuse with the fuse puller.
3. Replace with a new fuse with same specification.



## Electrical Components

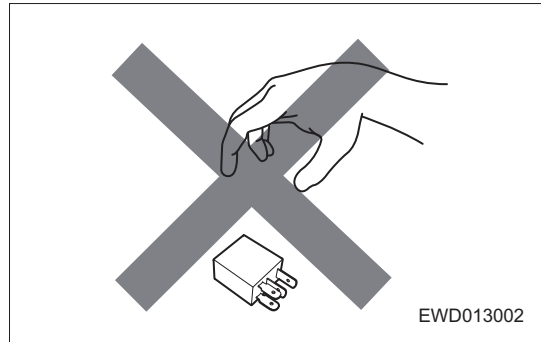
### 1. Battery Cable

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.



03

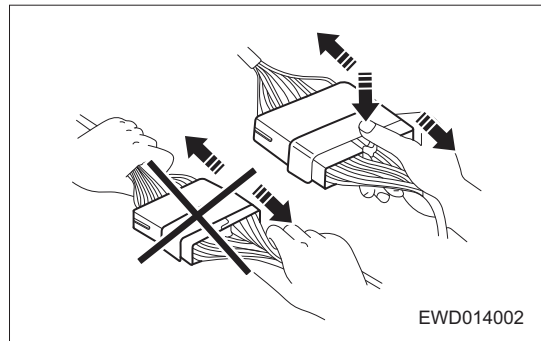
#### Warning

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

### 3. Connector

#### a. Disconnect the connector.

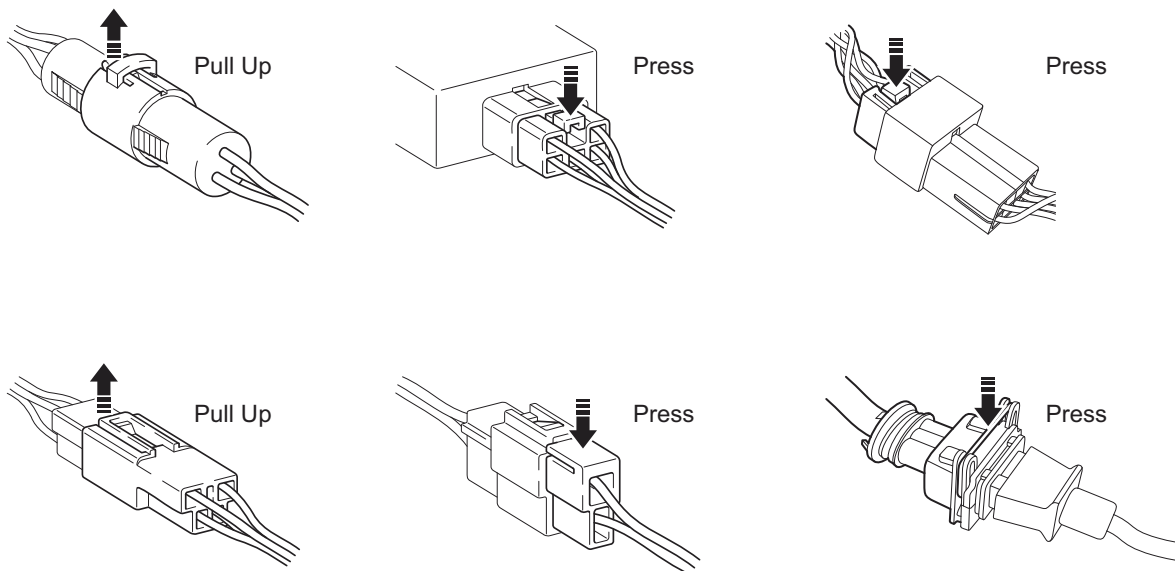
To pull away from the connector, pull on the connector itself and press the connector clip to disconnect it.



#### 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.

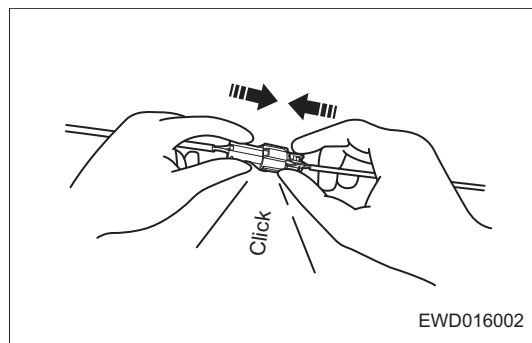


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b. Install the connector.

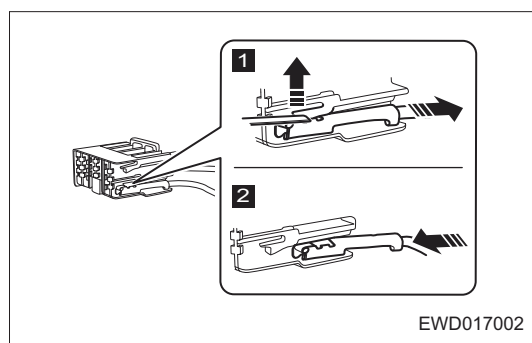
When the connector is installed in place, a "click" is heard.



EWD016002

c. Replace the connector terminal.

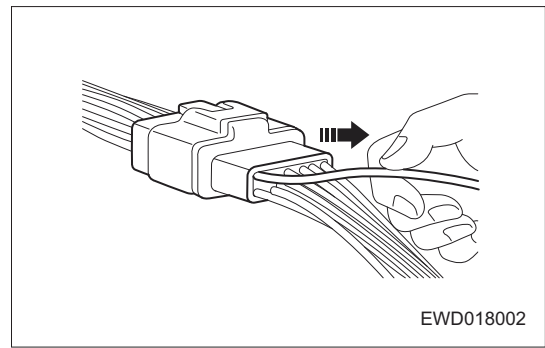
As shown in figure (1), insert appropriate tool into the terminal to lift fixing clip, and then pull out terminal from back side. As shown in figure (2), push the terminal from back of connector to ensure that fixing clip is installed in place.



EWD017002

d. Check the connector terminal.

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



# Abbreviation


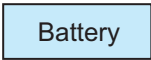

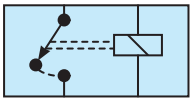
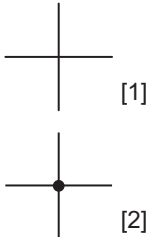

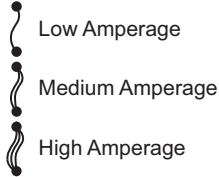
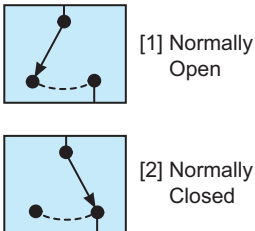

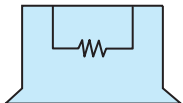
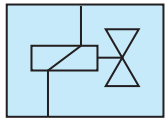
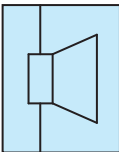

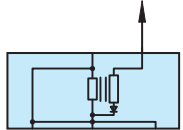

This manual uses the following abbreviations.

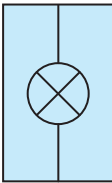

Abbreviation	Terms
A	Ampere
ACM	Airbag Control Module
ACP	Audio Control Panel
AIPM	Central Control Integration Panel
AVM	Panoramic View Monitor System
AWD	AWD Module
BCM	Body Control System
BSDL	Left Side Blind Spot Detection System
BSDR	Right Side Blind Spot Detection System
CCPR	Rear A/C Control Panel
CLM	Automatic A/C Module
CLMR	Automatic A/C Rear Module
CWC	Wireless Charging Module
DCM	Door Control Module
DMC	Information Entertainment Domain Controller
DVR	Driving Recorder
EGS	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

Abbreviation	Terms
TCU	Transmission Control Unit
TGW	Remote Communication Gateway
VGW	Vehicle Gateway Module
APA	Full Automatic Parking Assist System
FIC	Volume Control Panel



# Terms and Symbols Table

 	<p><b>Battery</b> Store chemical energy and convert it into electrical energy. Provide direct current for various circuits.</p>		<p><b>Ground</b> 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><b>Relay</b> Generally, an electronically operated switch that can be normally closed or opened. Current flowing through small coil generates a magnetic field that can open or close contact switch.</p>		<p><b>Wire harness</b> Wire harness is always represented by a straight line on circuit diagram. If there is no black dot at the intersection, it indicates that it is not connected; A black dot at the intersection indicates a cross connection.</p>
	<p><b>Motor</b> A power device that converts electrical energy into mechanical energy, especially rotational motion.</p>		<p><b>Fuse</b> A metal sheet that fuses when excess current passes through, blocking current to prevent damage to circuit.</p>
	<p><b>Switch</b> Therefore, open and close circuit, stop [1] or allow [2] to be energized.</p>		<p><b>Twisting</b> The two wire harnesses are twisted together and used to transmit signals.</p>
	<p><b>Speaker</b> The utility model relates to an electromechanical device which can generate sound waves by using current.</p>		<p><b>Solenoid valve</b> 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><b>Horn</b> An electronic device that can send high-frequency audio signals.</p>		<p><b>LED (Light Emitting Diode)</b> Light emitting diodes also use current to light. Compared with ordinary light, they do not generate heat when lighting.</p>
	<p><b>Ignition coil</b> Convert low-voltage DC current into high-voltage ignition current to ignite spark plug.</p>		<p><b>Resistor</b> Electrical components with fixed resistance are installed in circuit to reduce voltage to specified value.</p>

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

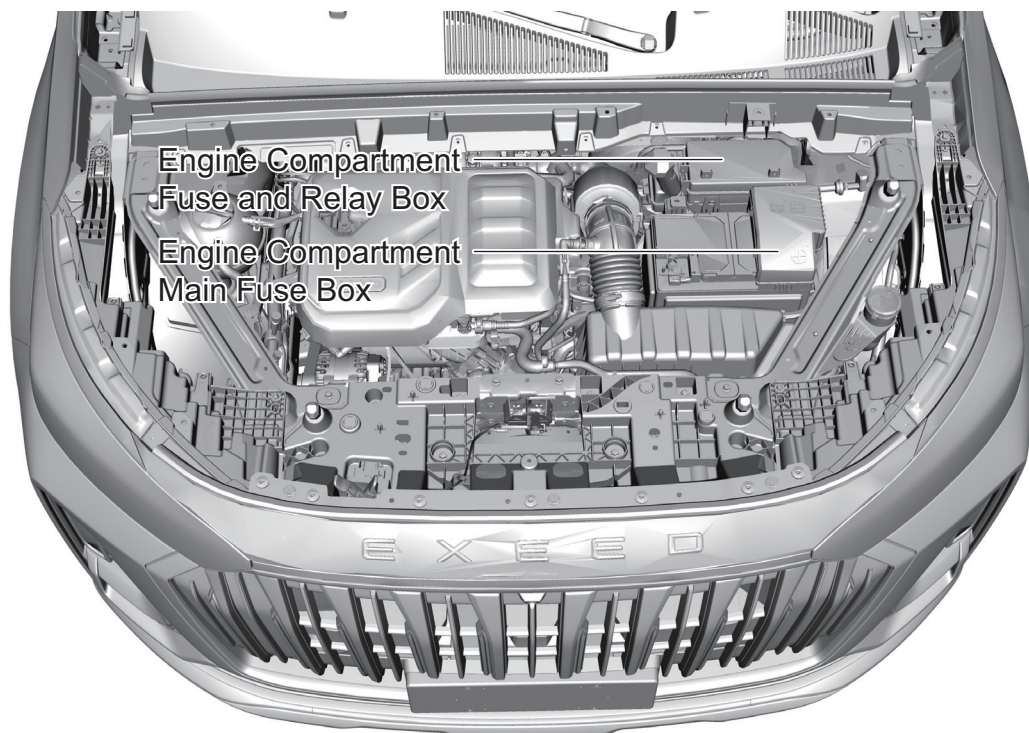
## General Information

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

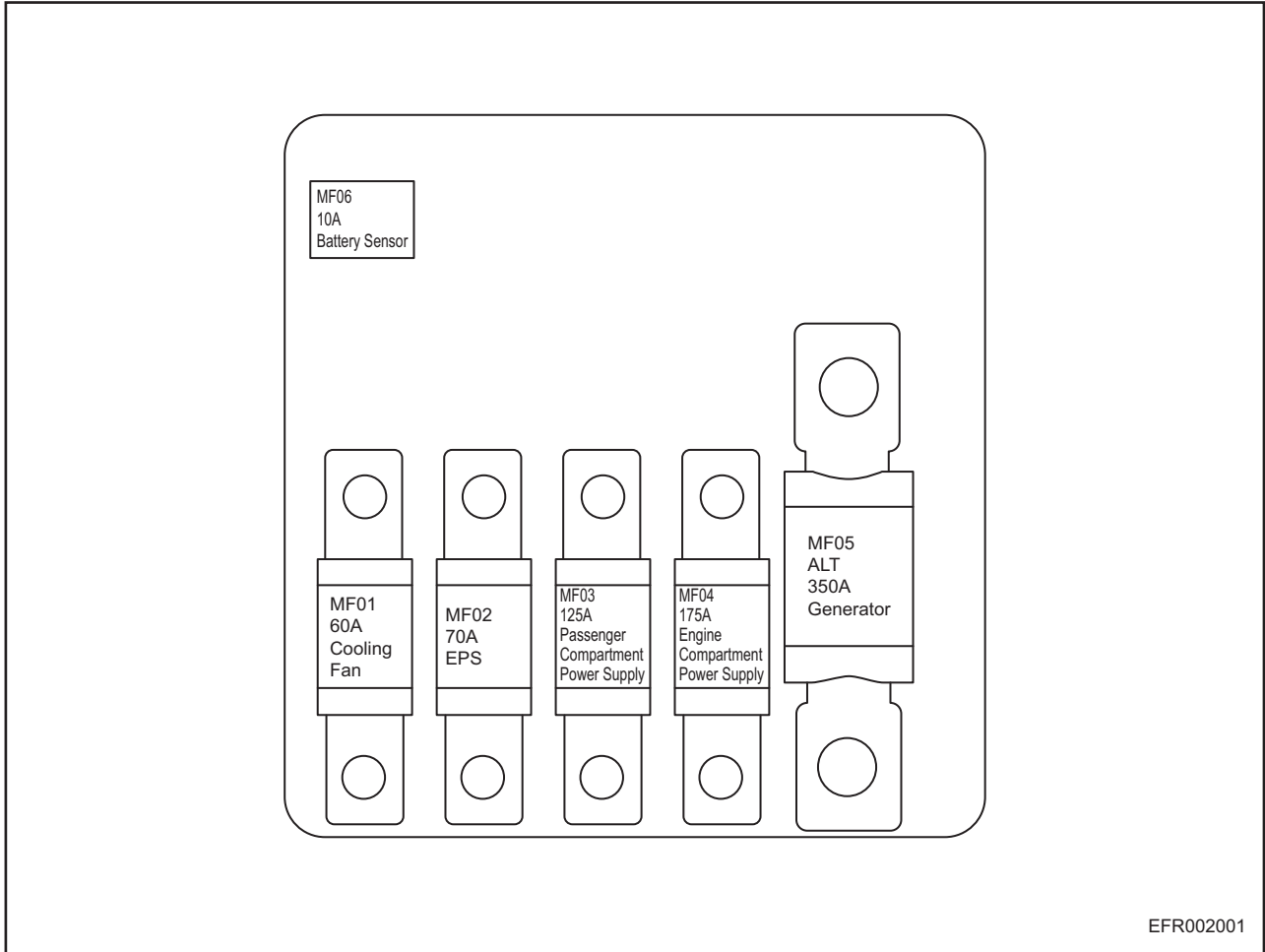
Location of Engine Compartment Main Fuse Box and Engine Compartment Fuse and Relay Box



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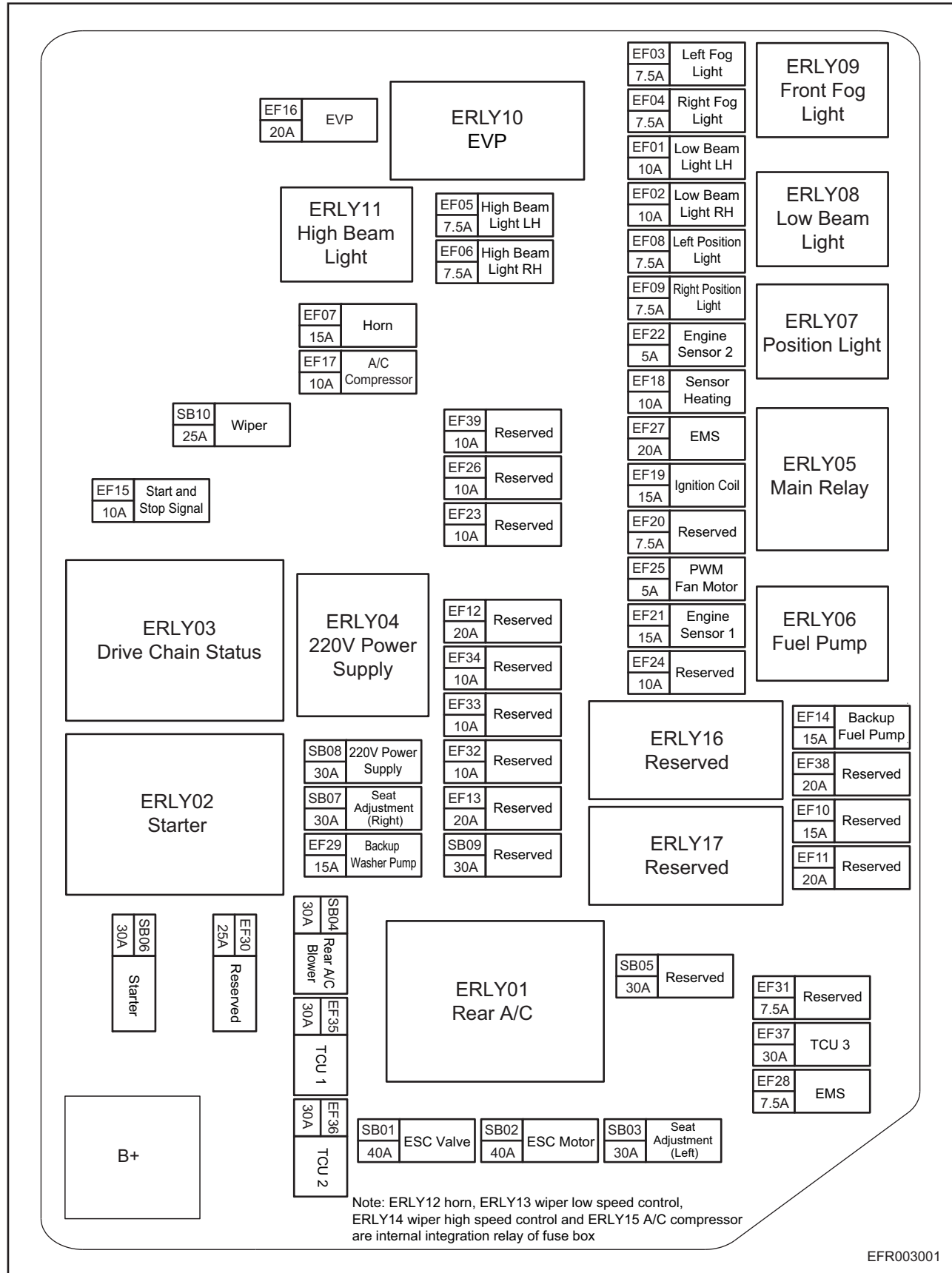
## Engine Compartment Main Fuse Box Layout Details

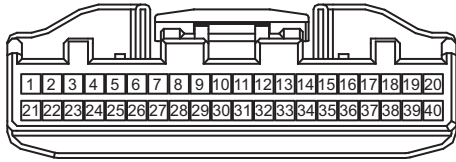


06

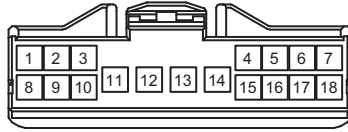
EFR002001

# Engine Compartment Fuse and Relay Box Description Layout Details

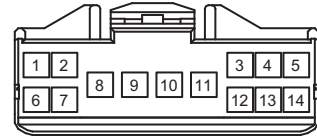




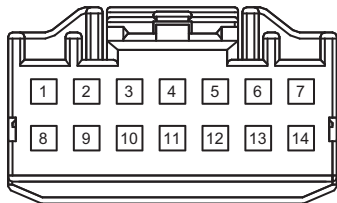
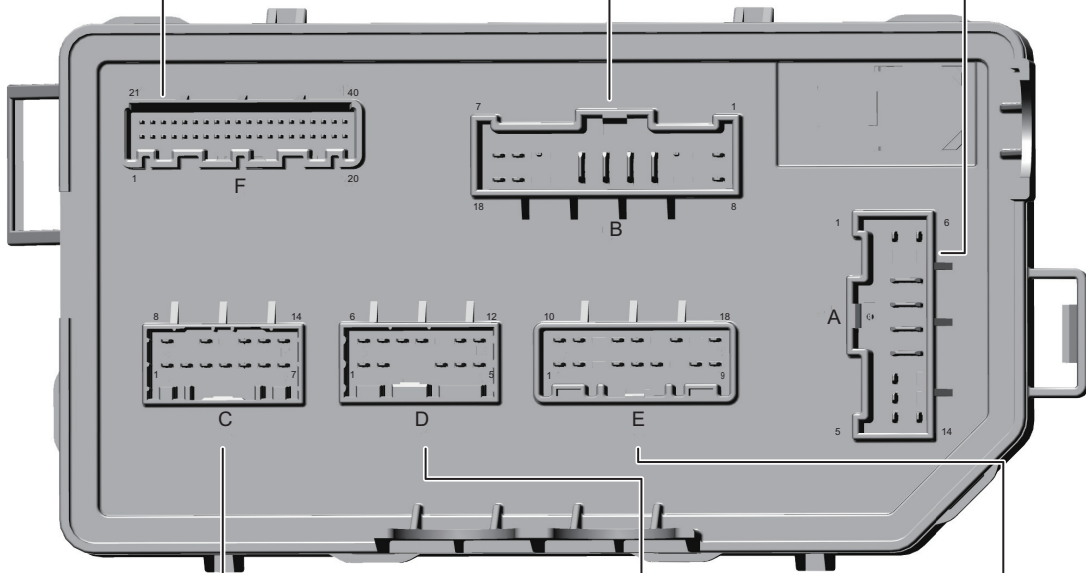
Engine Compartment Fuse and Relay Box F  
B-043



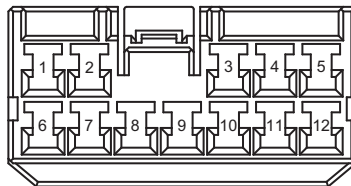
Engine Compartment Fuse and Relay Box B  
B-042



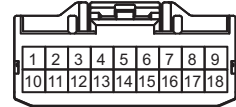
Engine Compartment Fuse and Relay Box A  
B-039



Engine Compartment  
Fuse and Relay Box C  
B-044



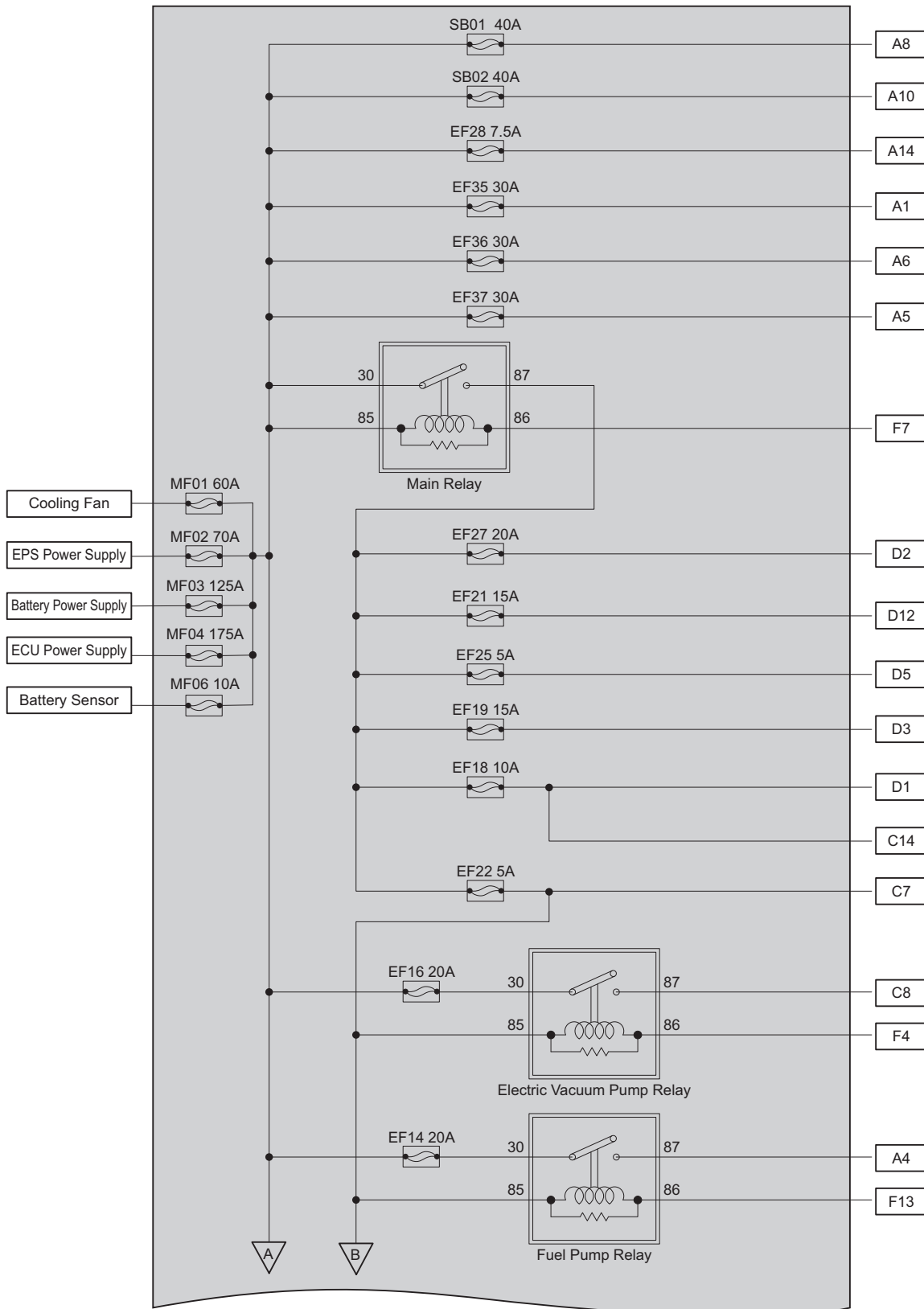
Engine Compartment Fuse  
and Relay Box D  
E-035



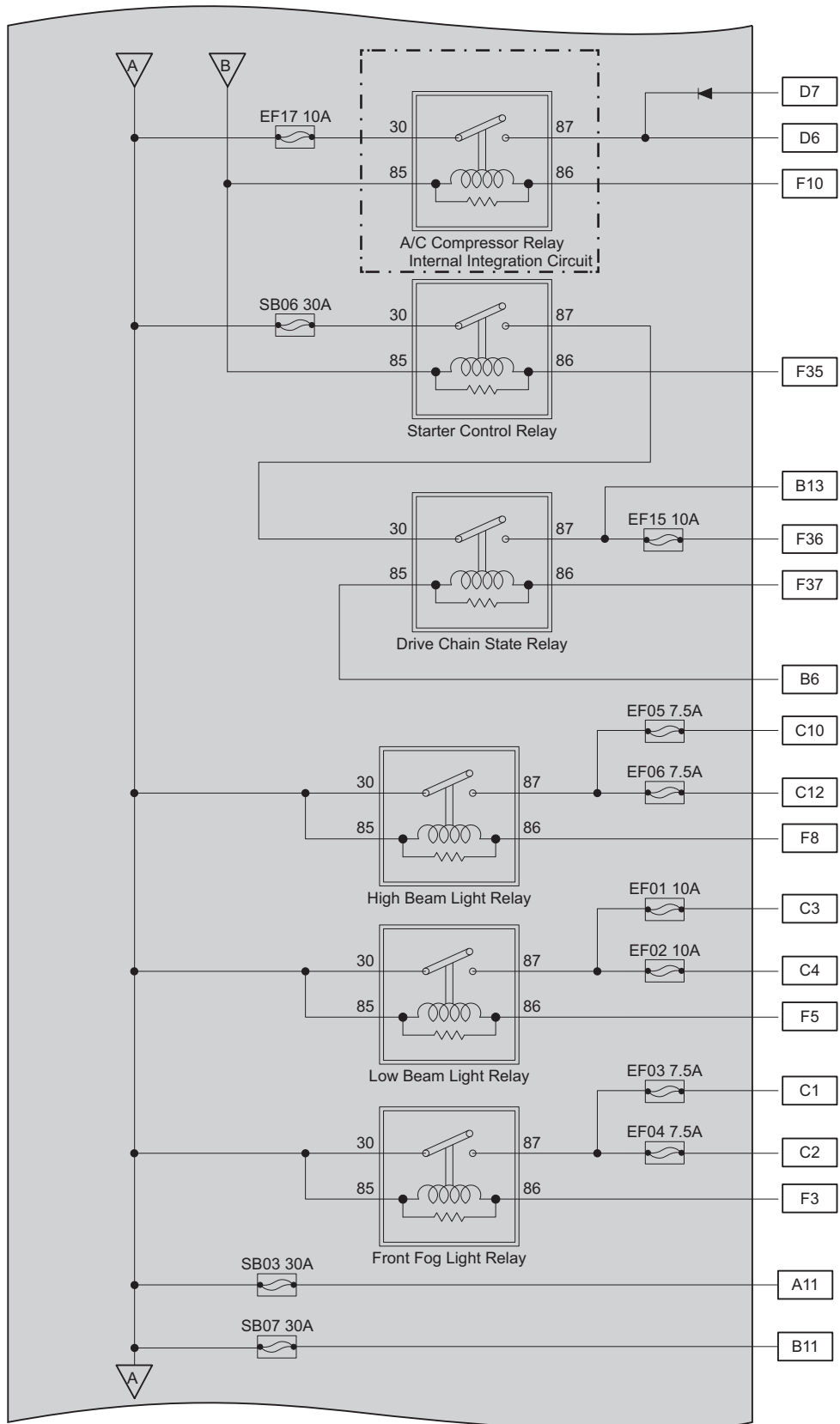
Engine Compartment Fuse  
and Relay Box E  
E-189

EFR012001

# Internal Circuit of Engine Compartment Main Fuse Box and Engine Compartment Fuse and Relay Box

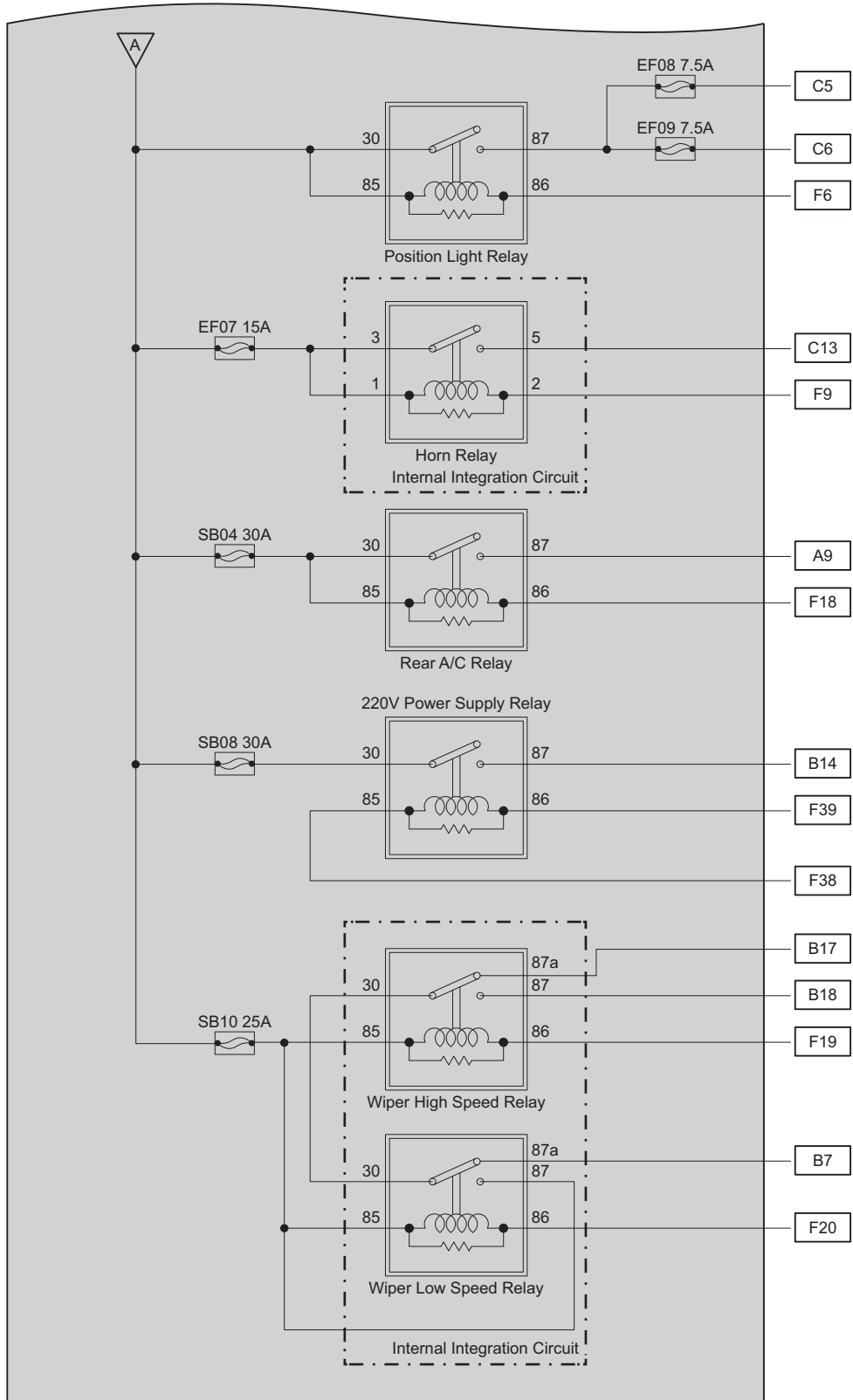


EFR004001



EFR005001

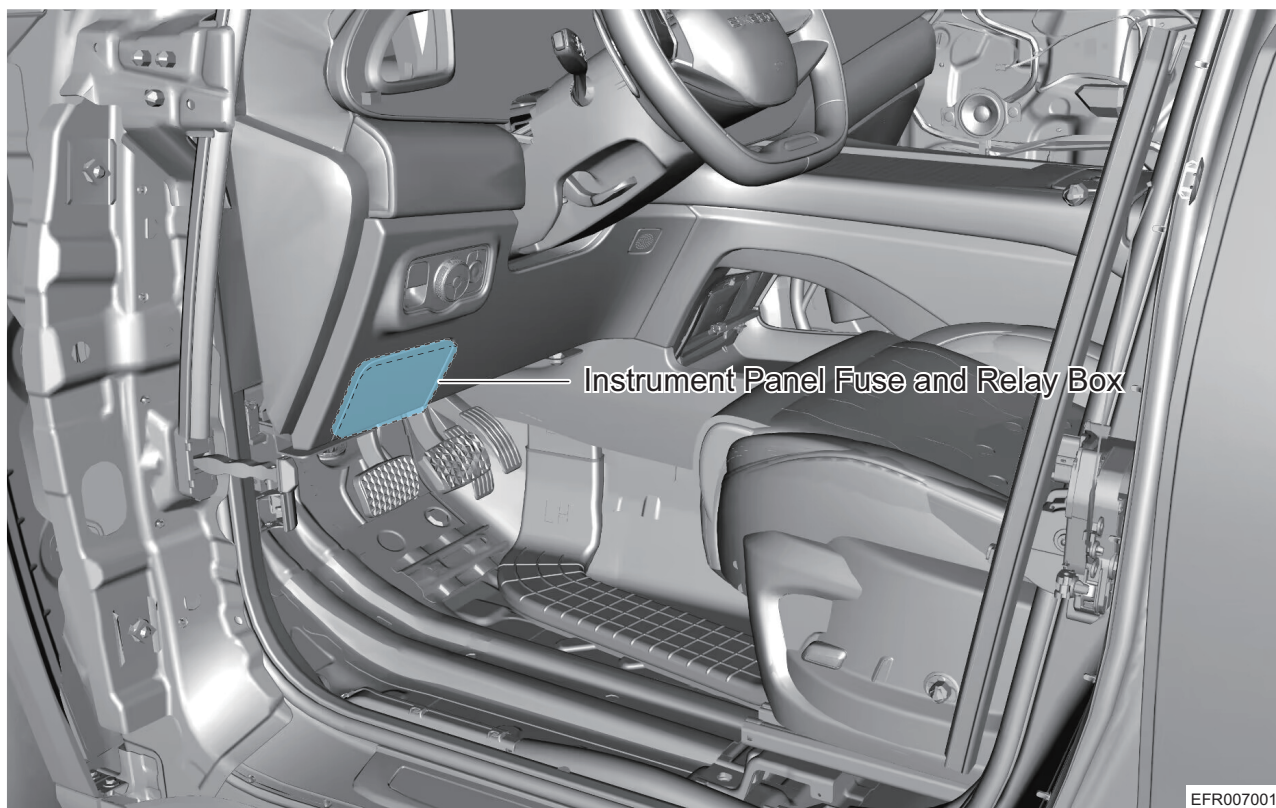




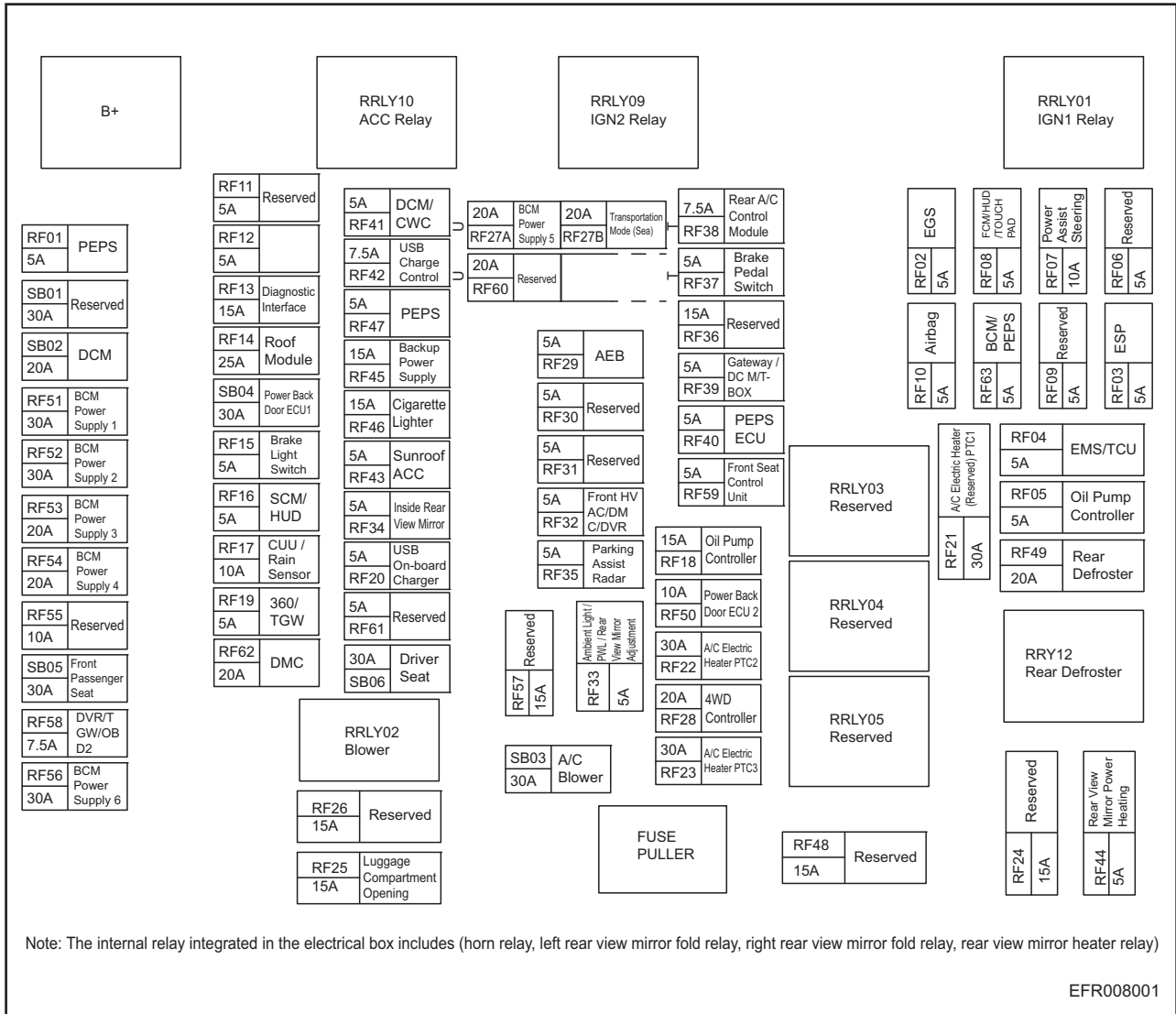
EFR006001

## Instrument Panel Fuse and Relay Box

### Instrument Panel Fuse and Relay Box Position

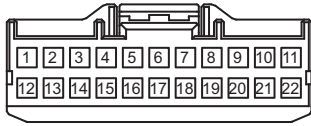


# Instrument Panel Fuse and Relay Layout Details

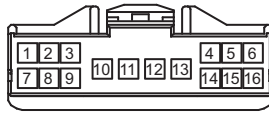


Note: The internal relay integrated in the electrical box includes (horn relay, left rear view mirror fold relay, right rear view mirror fold relay, rear view mirror heater relay)

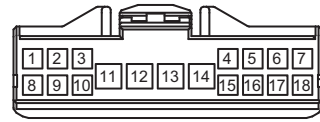
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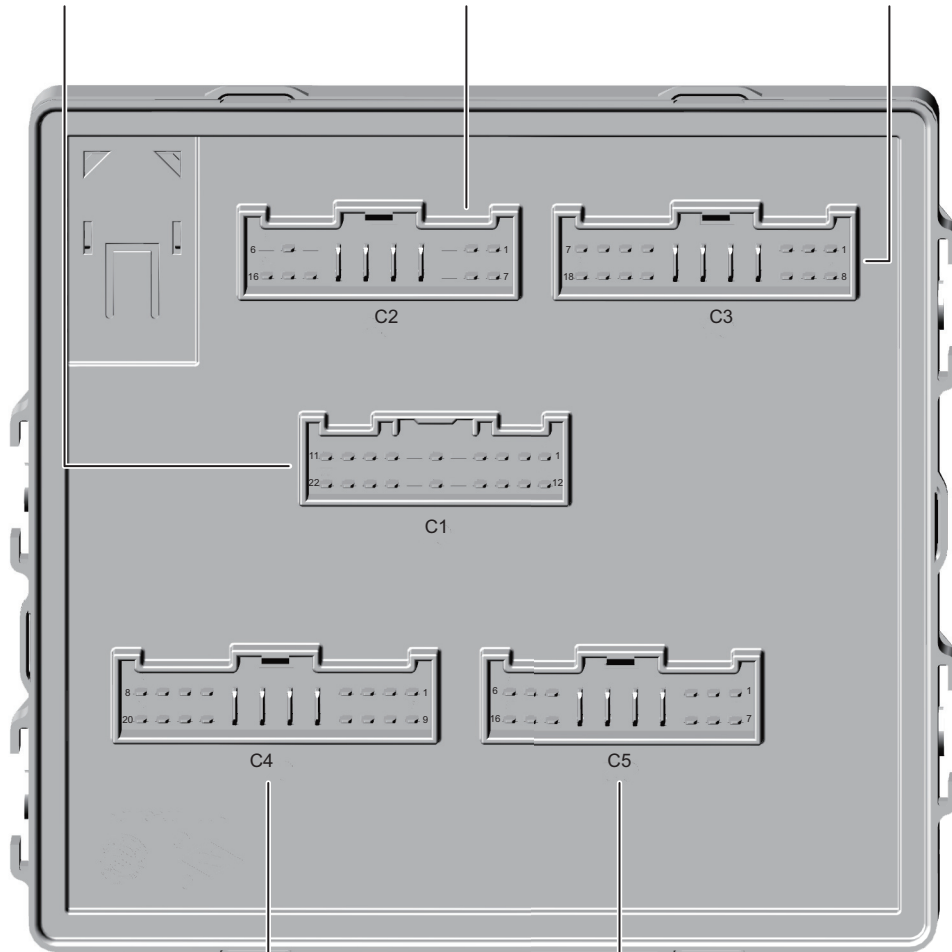
Instrument Panel Fuse and Relay Box C1  
B-143



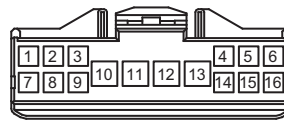
Instrument Panel Fuse and Relay Box C2  
B-139



Instrument Panel Fuse and Relay Box C3  
B-144



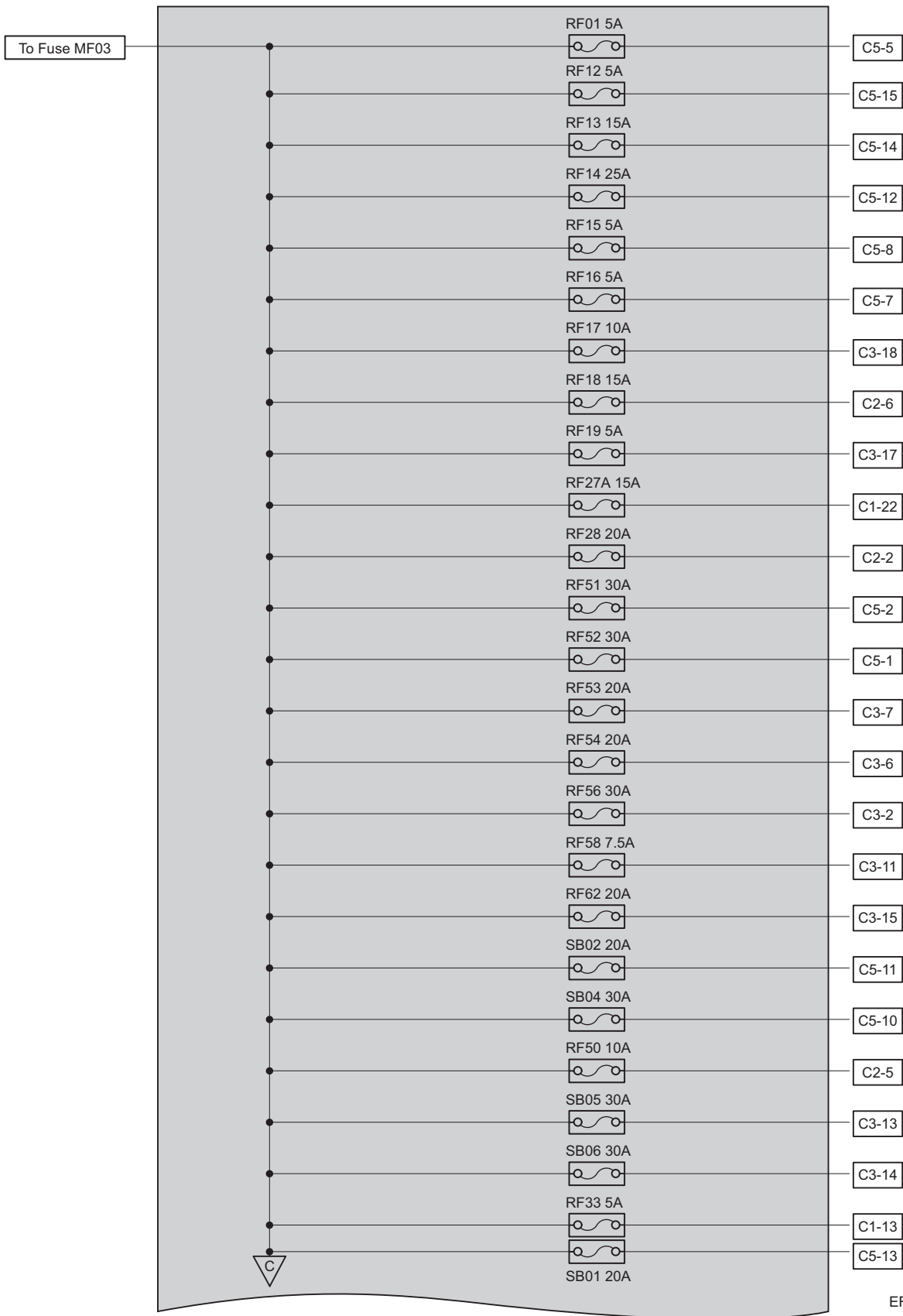
Instrument Panel Fuse and Relay Box C4  
B-140



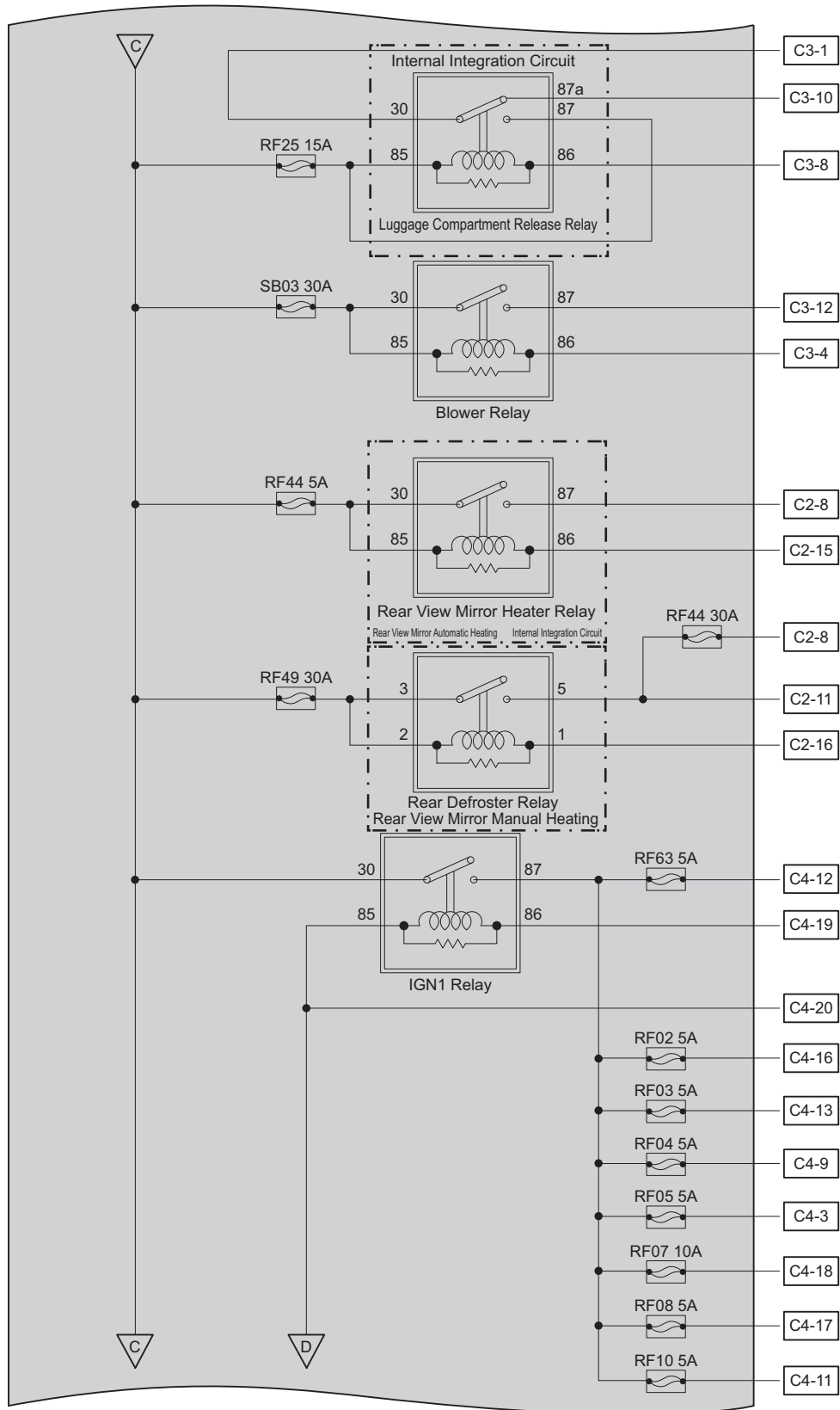
Instrument Panel Fuse and Relay Box C5  
B-141

EFR013001

# Instrument Panel Fuse and Relay Box Internal Circuit

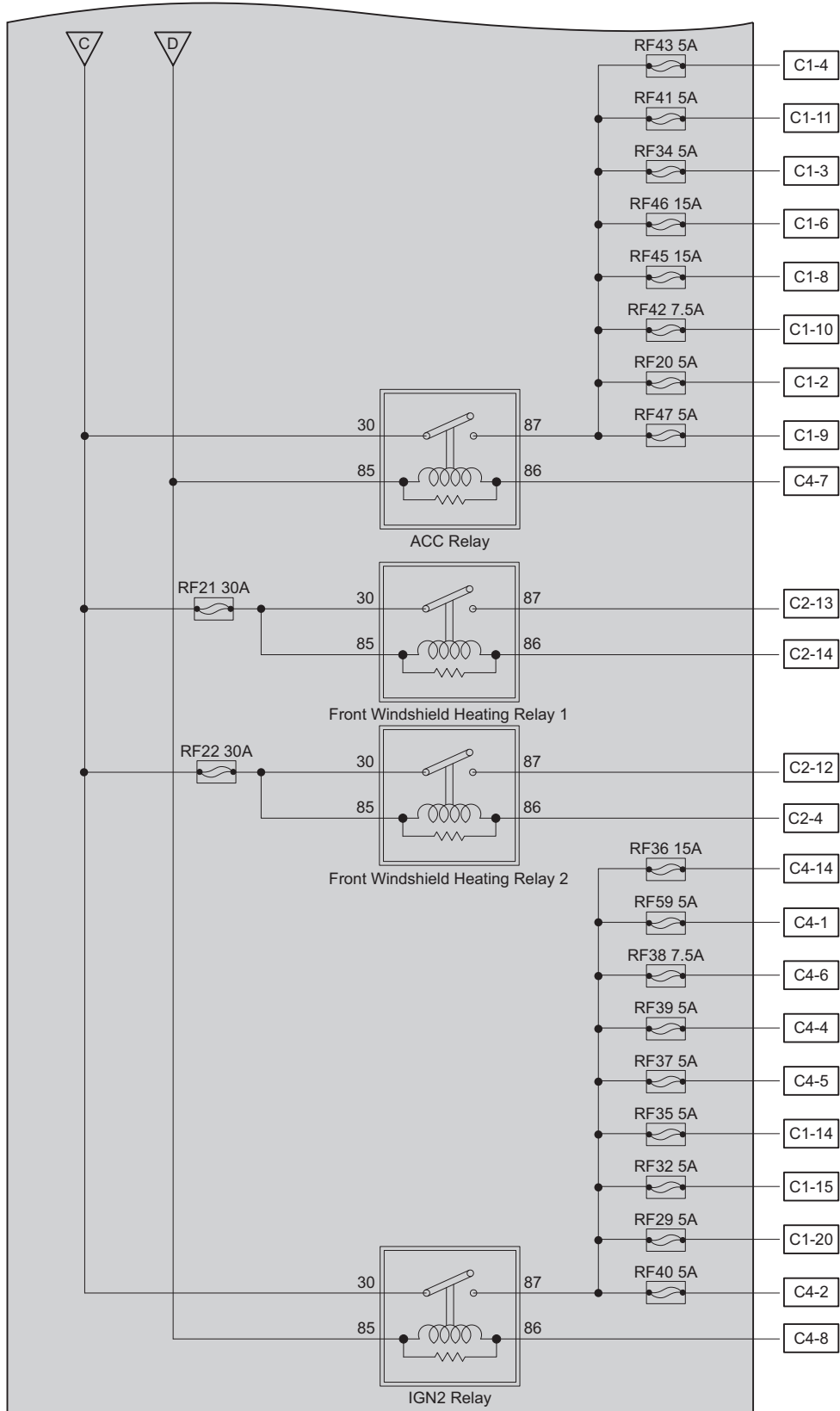


EFR009001



06

EFR010001



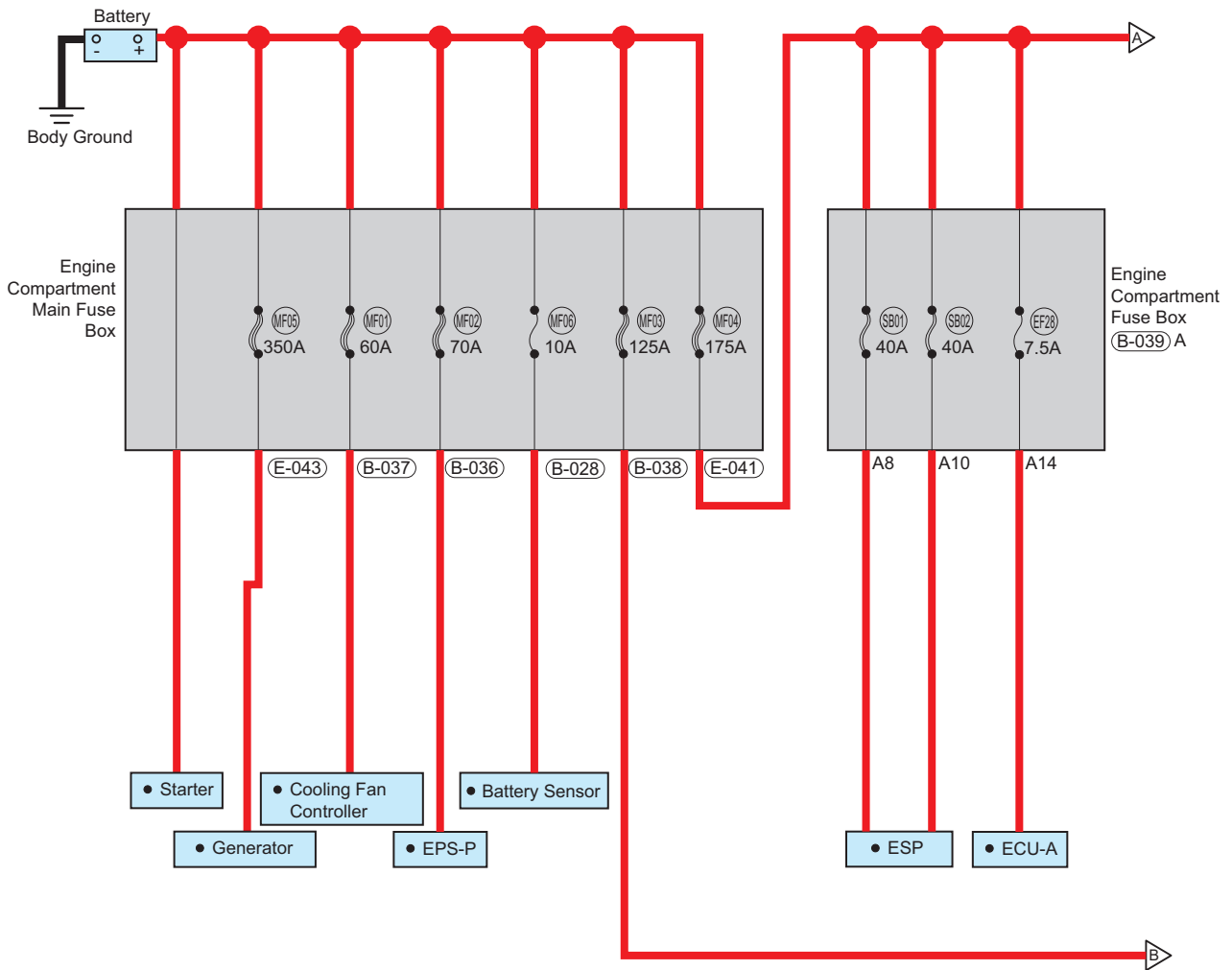
EFR011001

# Power Distribution Center

## General Information

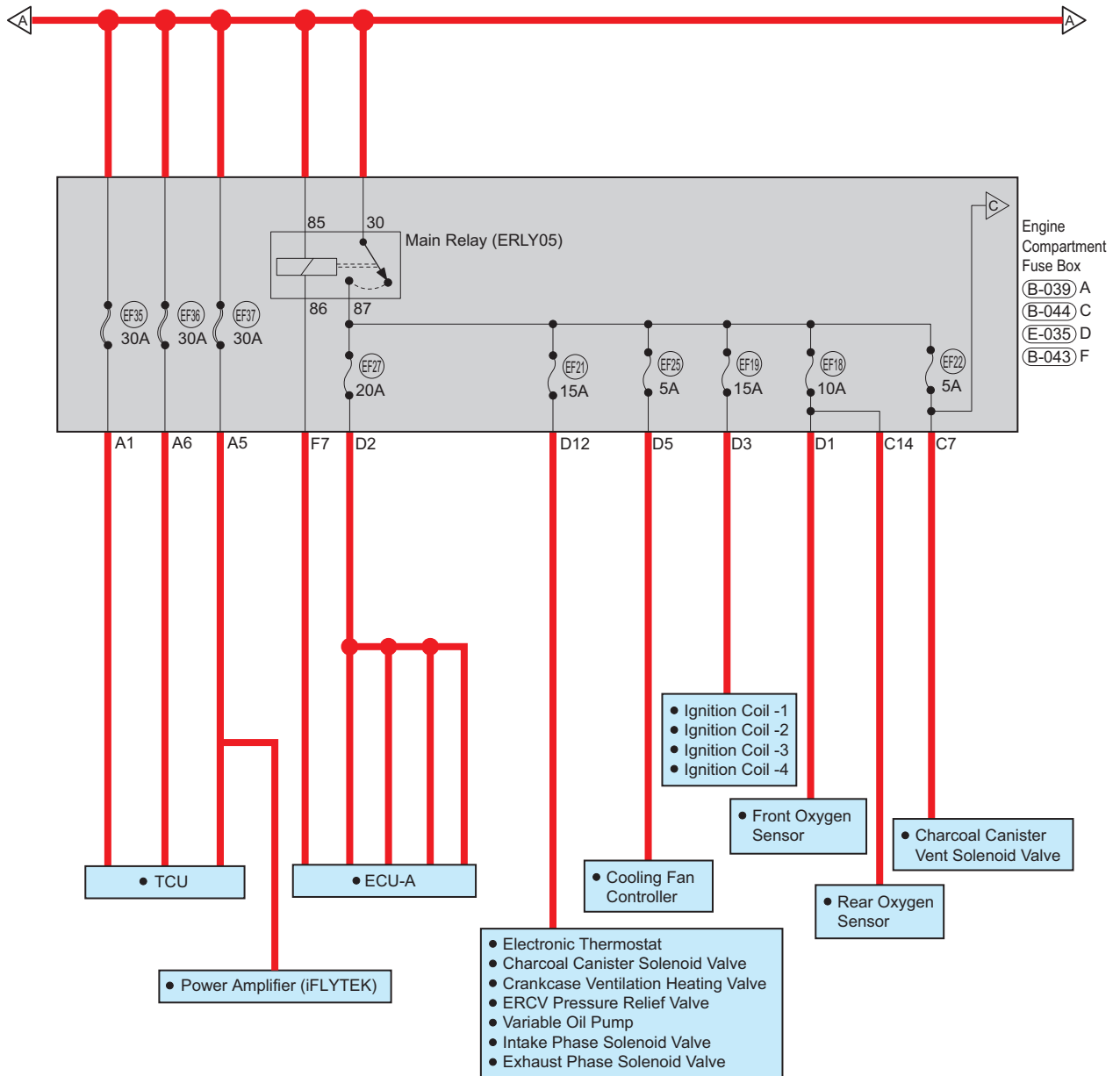
This section provides safe, reliable and efficient power supply for all electrical equipment of vehicle. Power distribution includes the following components: Battery, engine compartment fuse and relay box, instrument panel fuse and relay box, ignition switch, fuse and relay.

## Power Supply Distribution

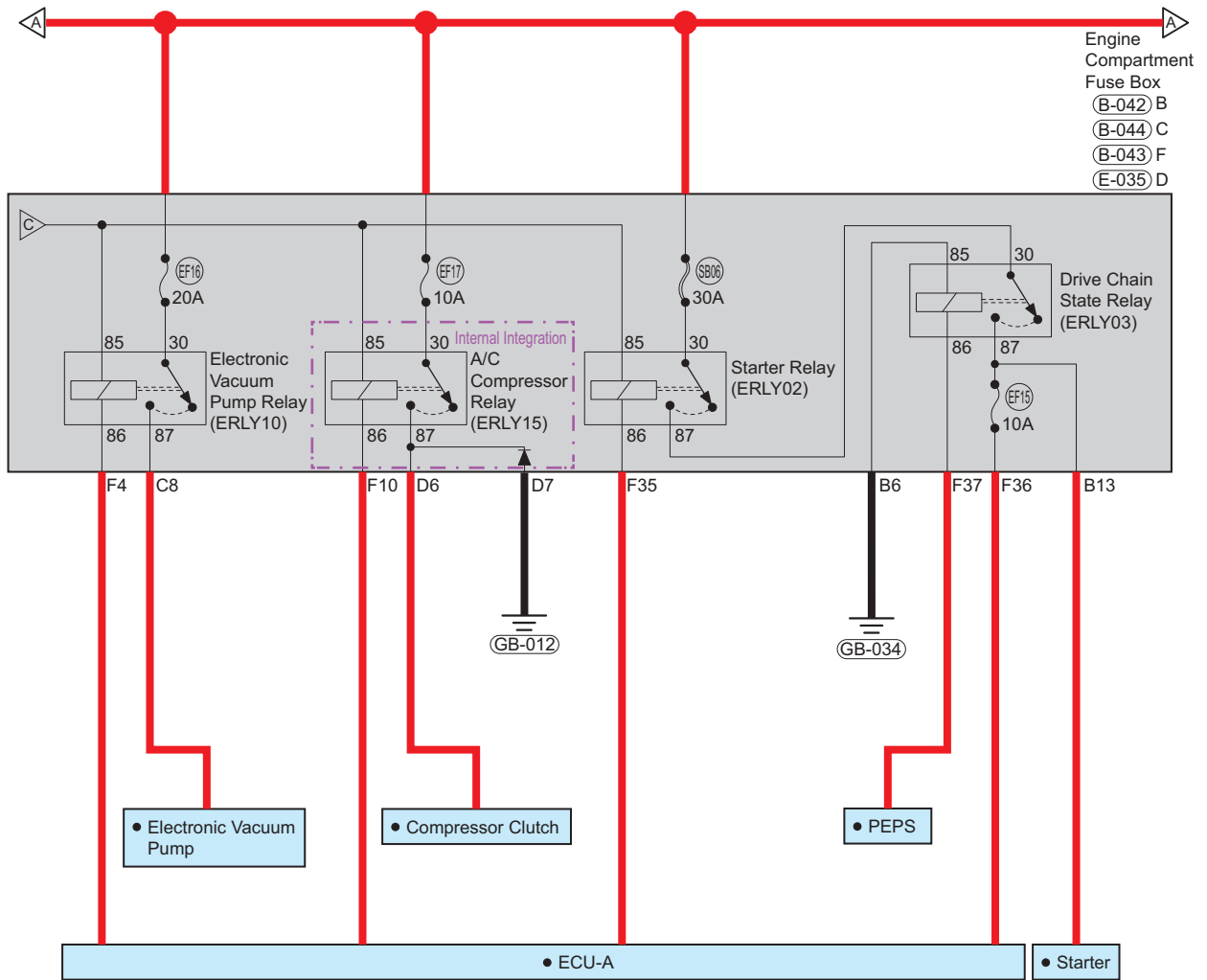


07



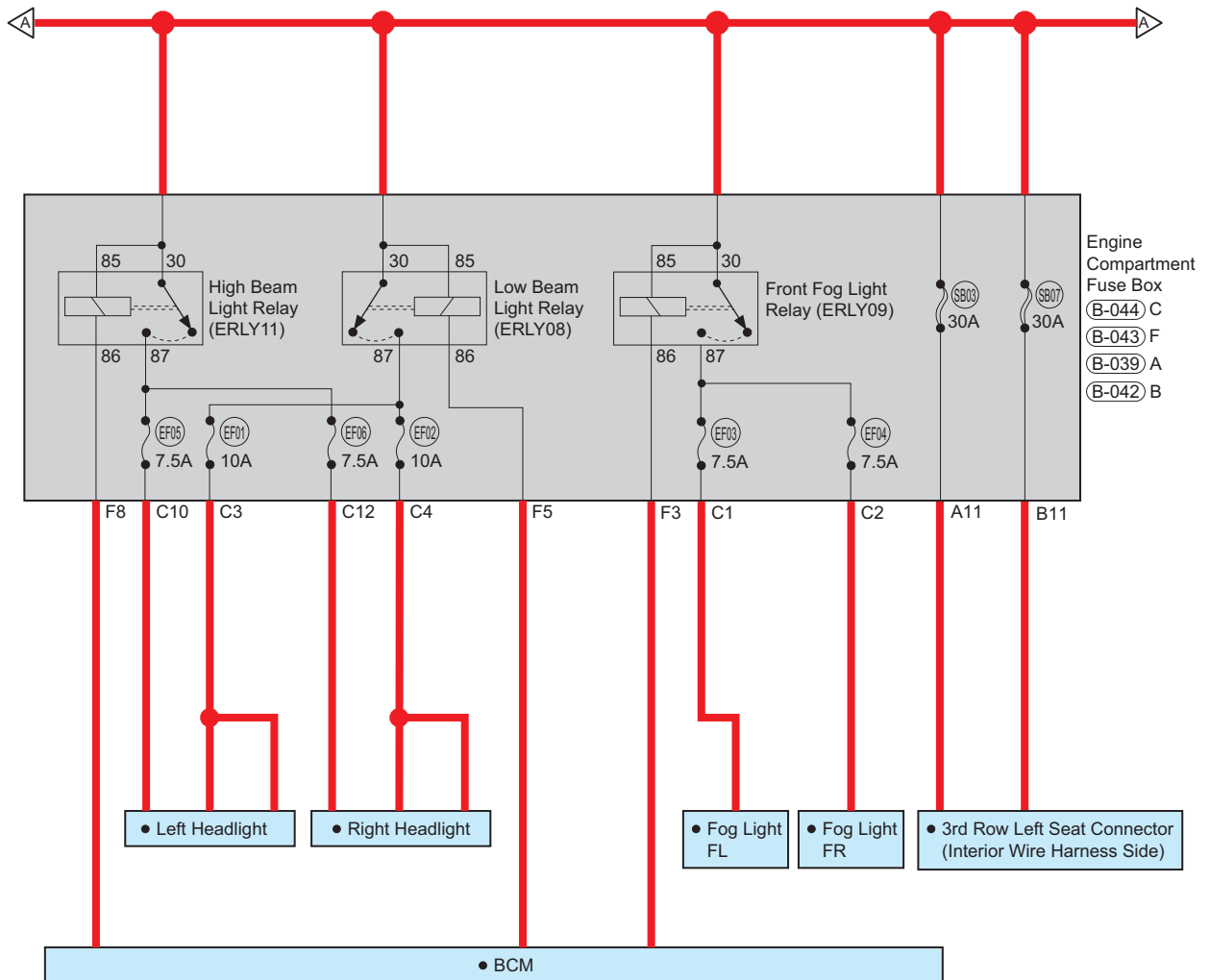


POE002001



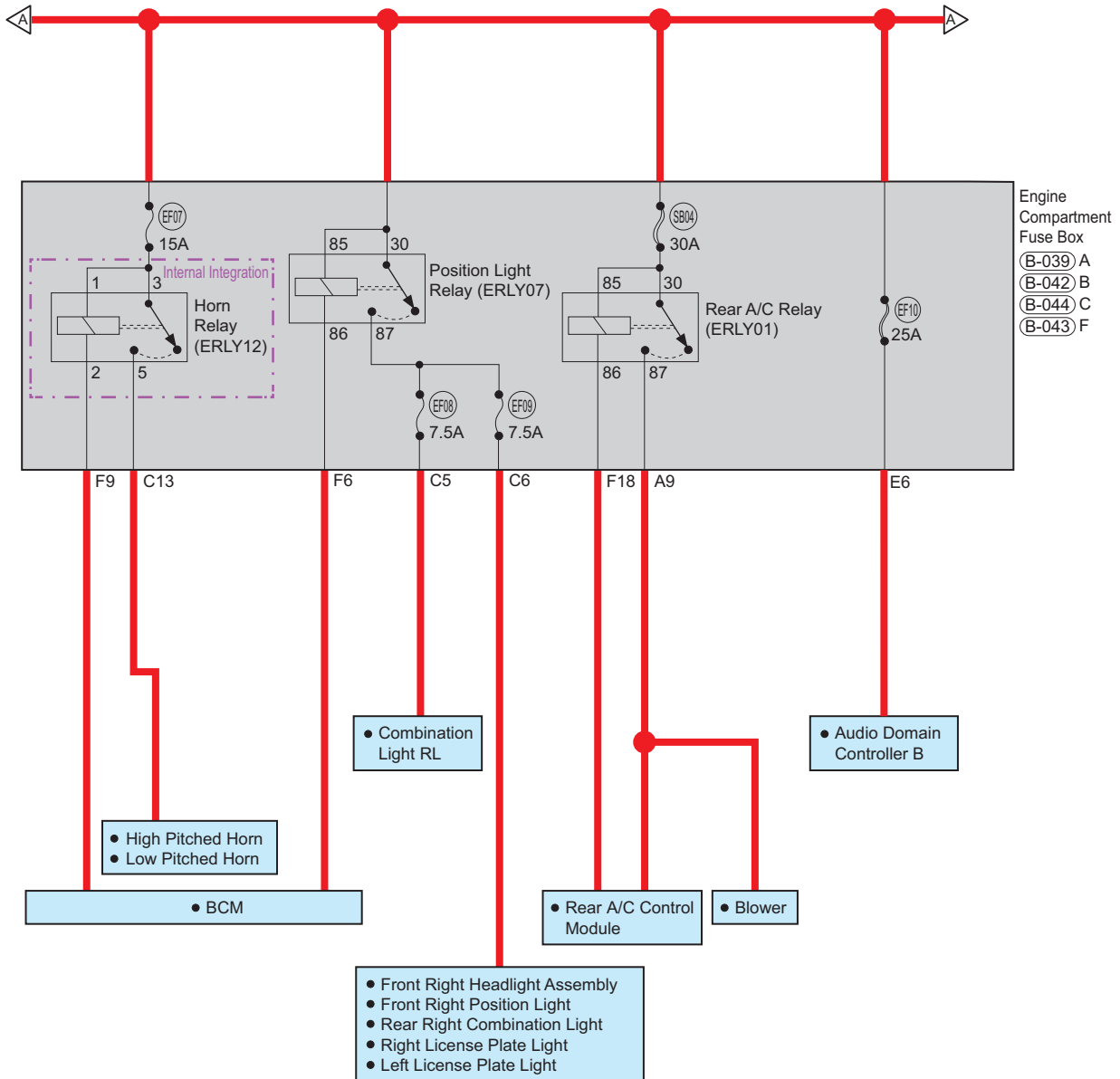
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POE003001



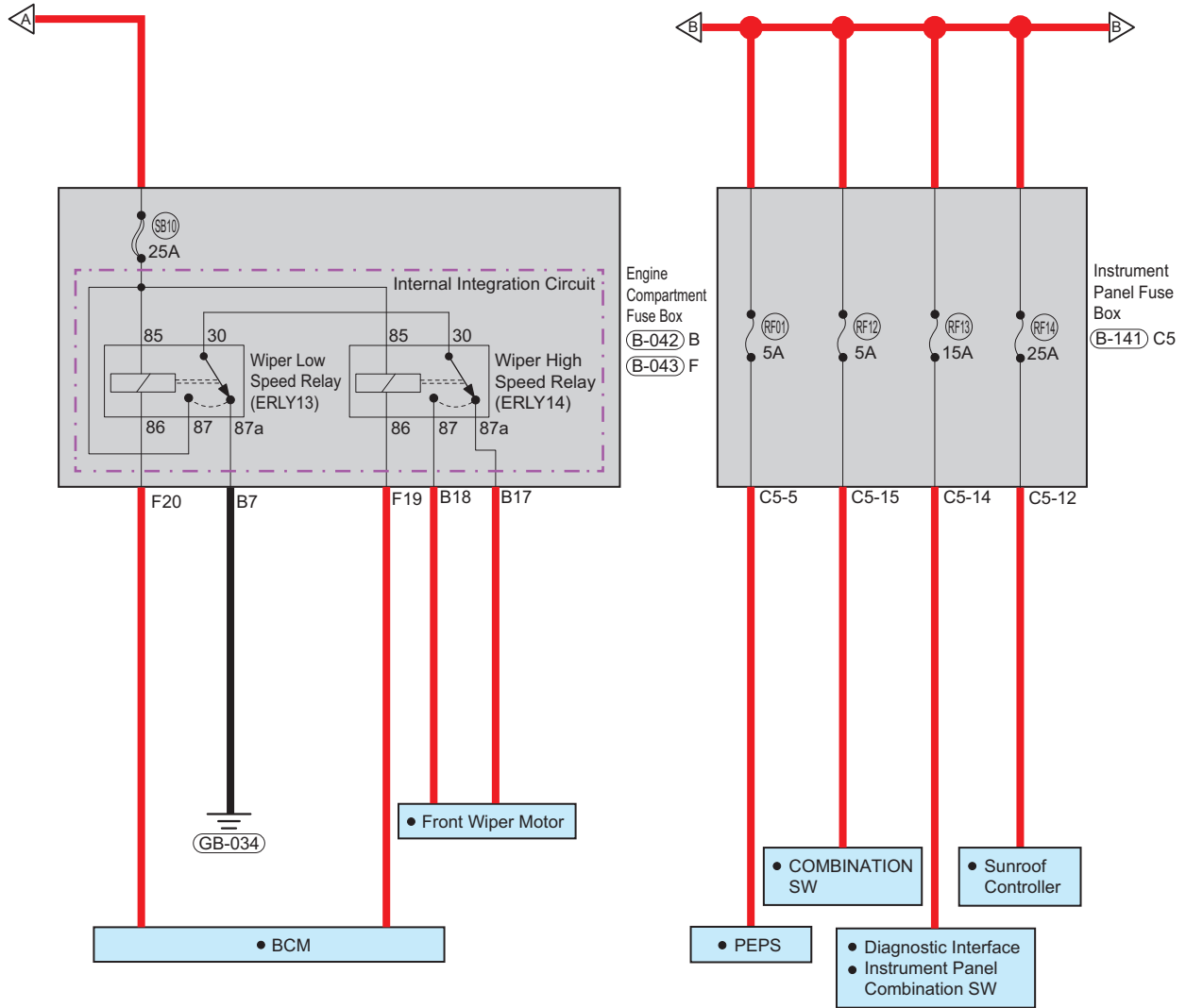
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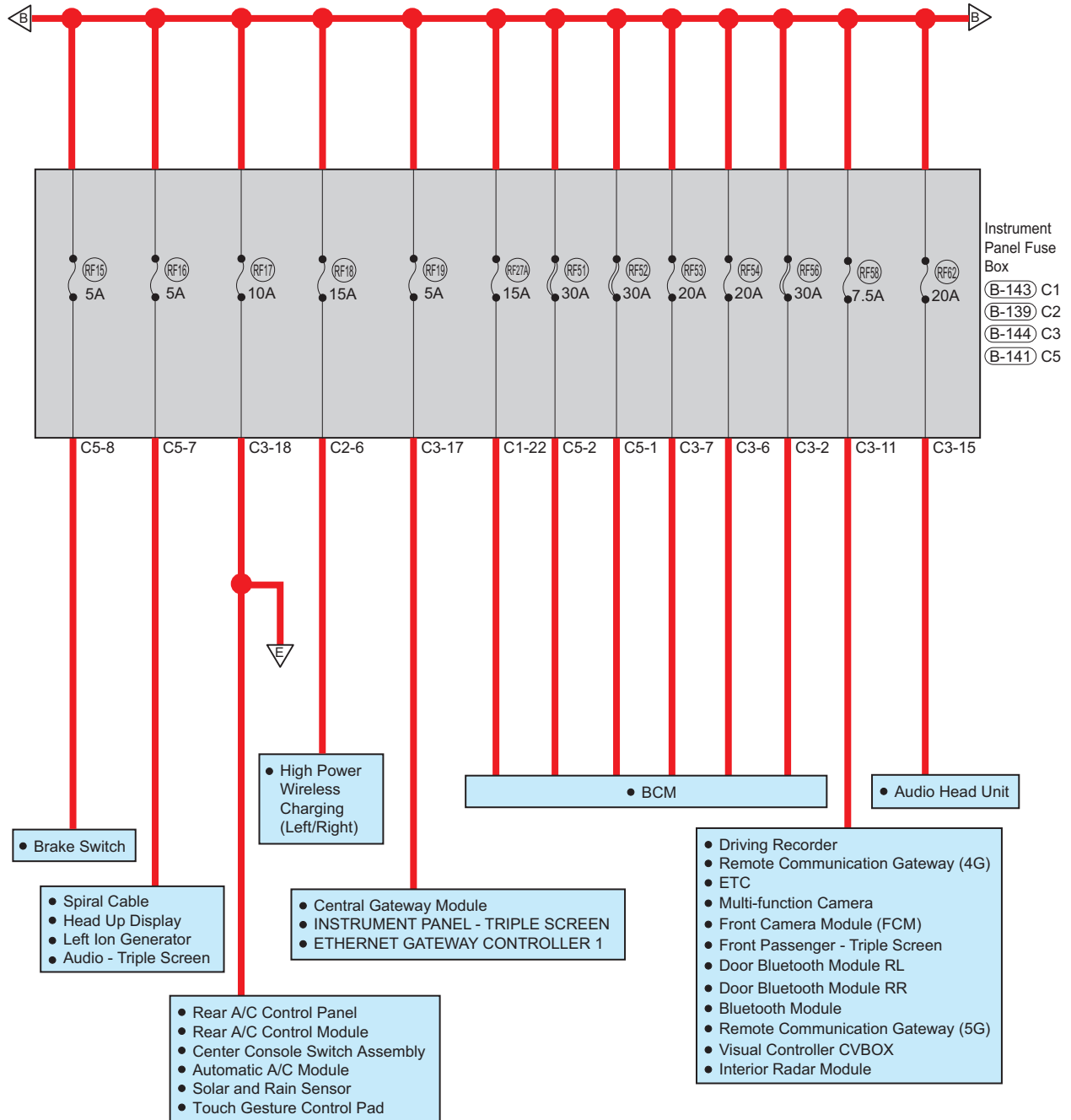
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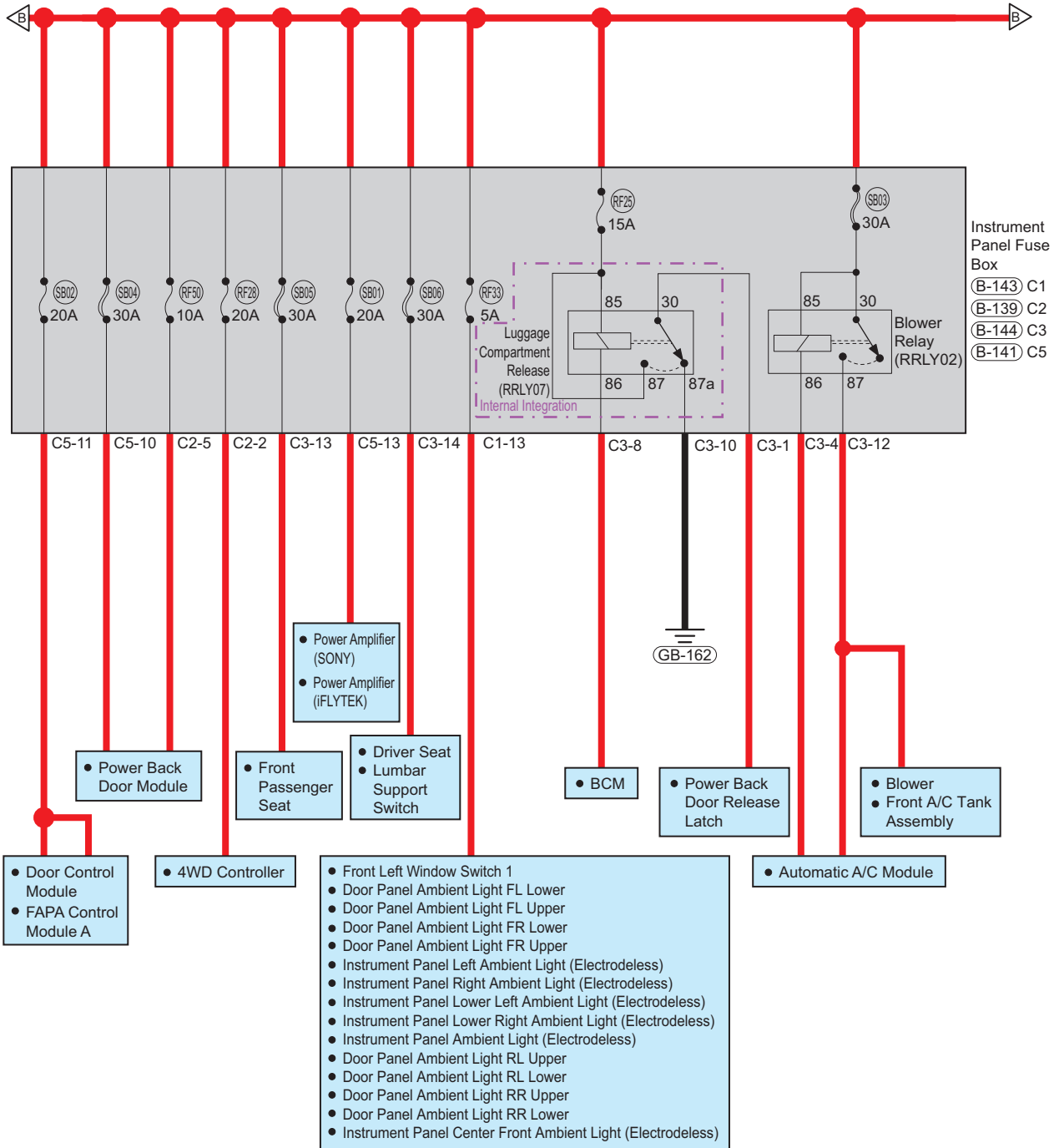
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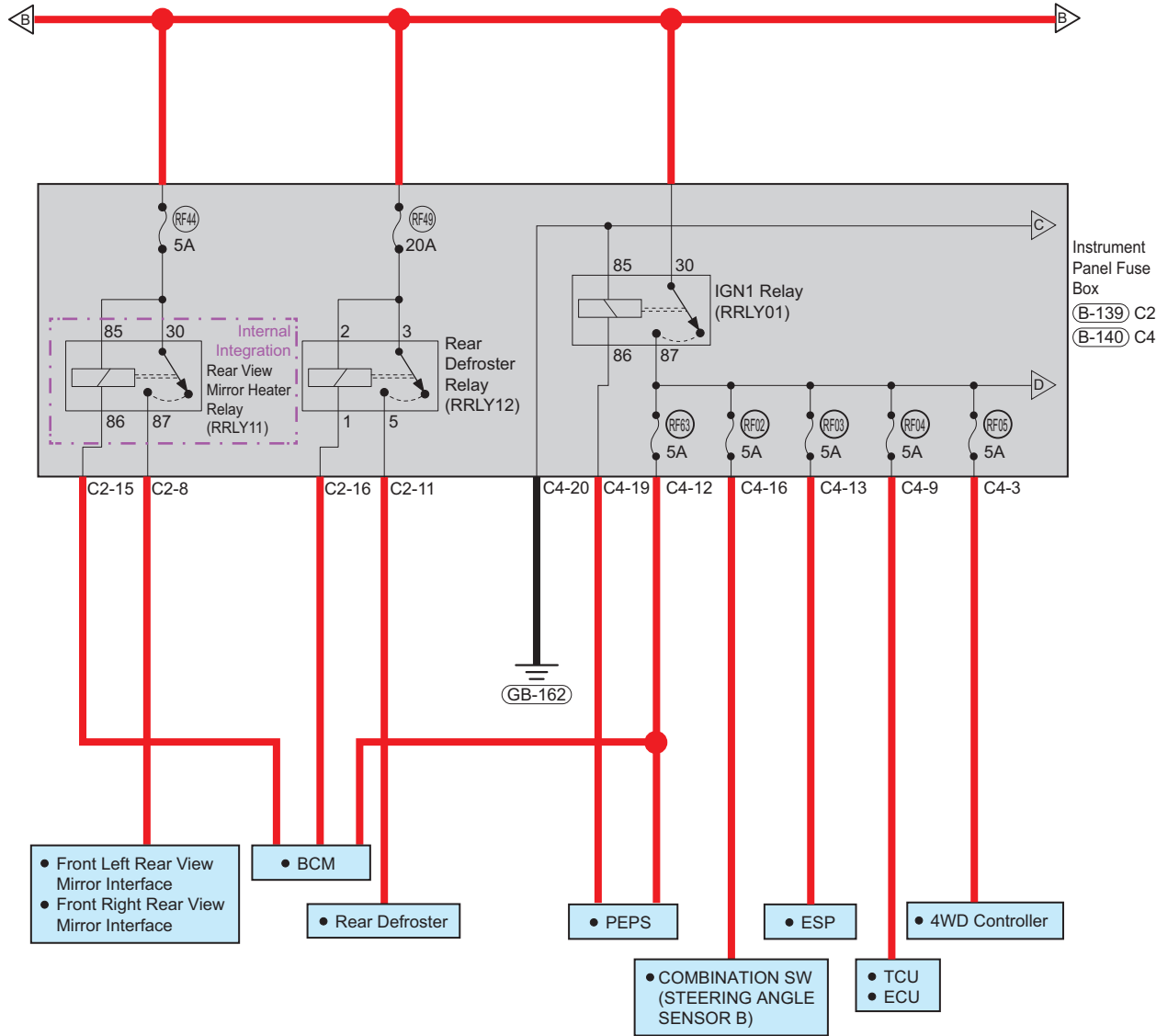


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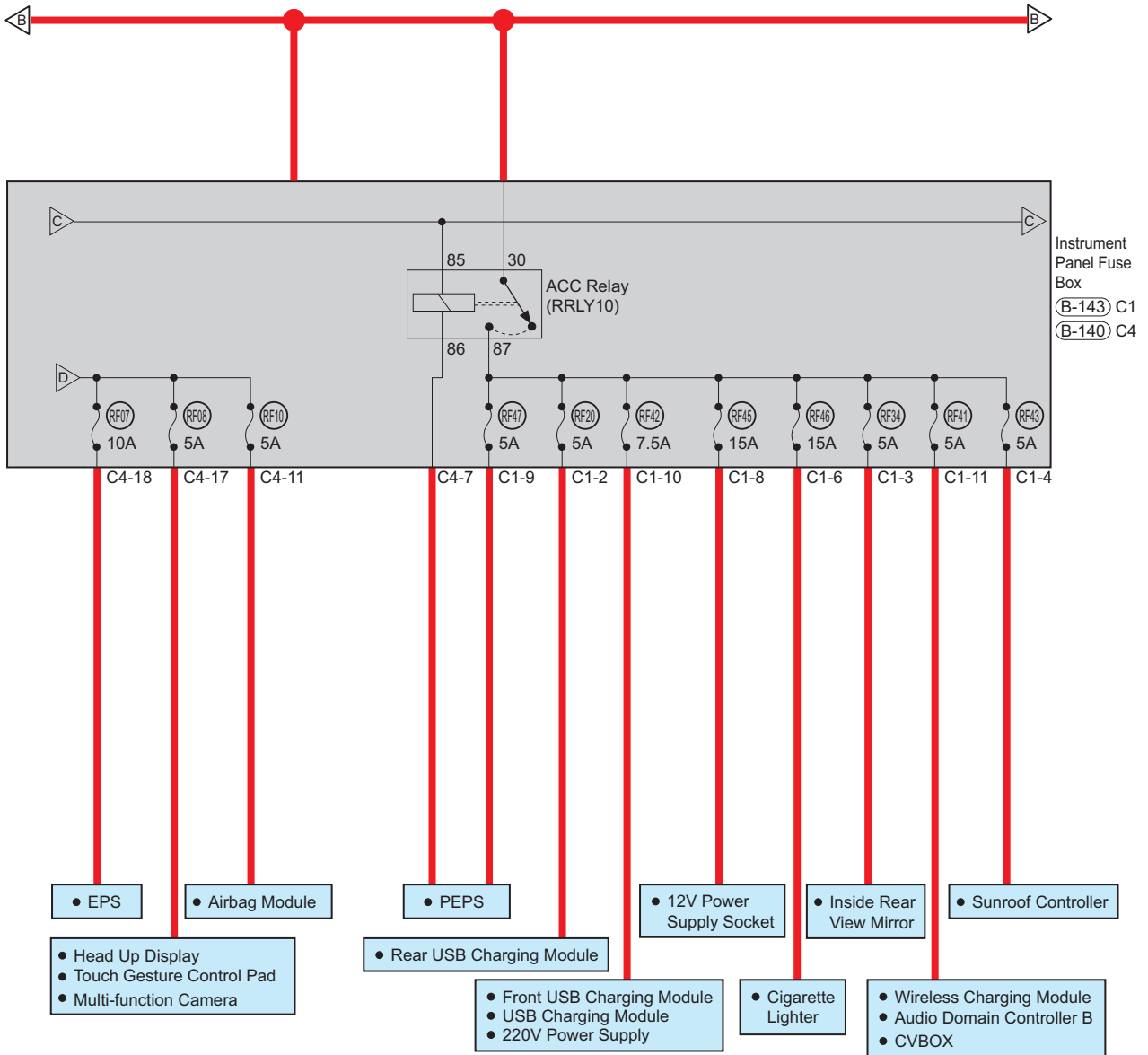
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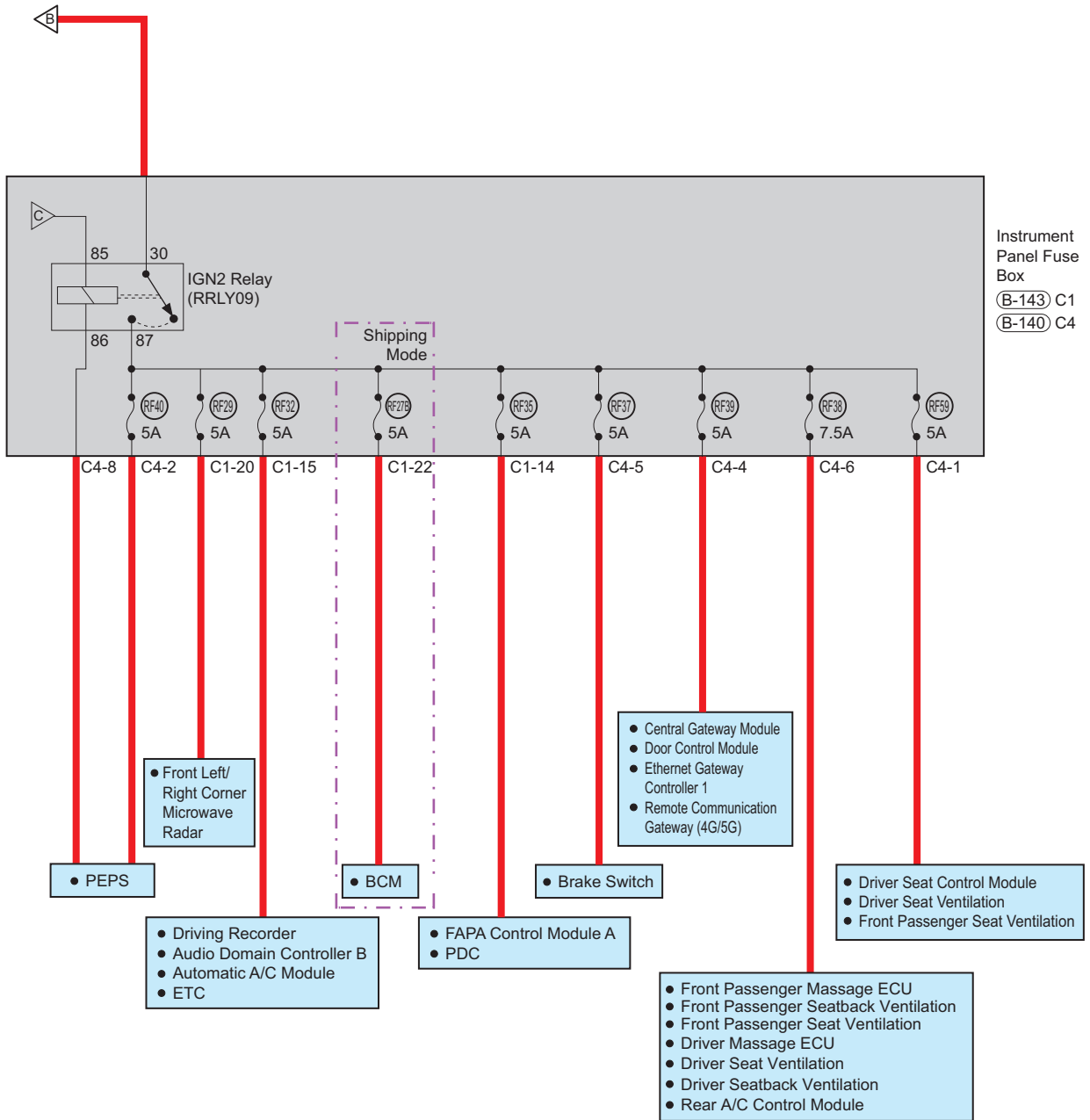
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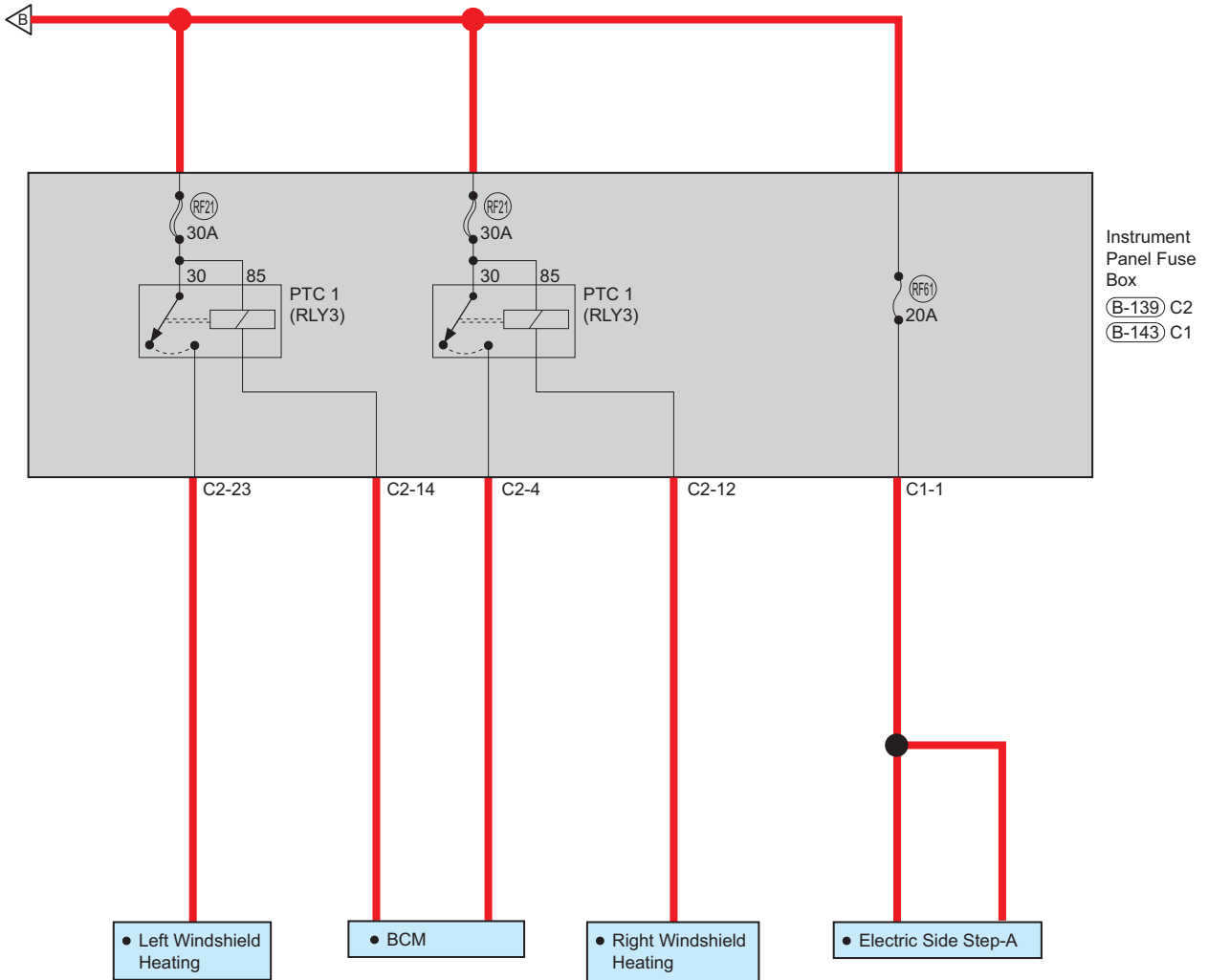
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POE010001



07

POE011001



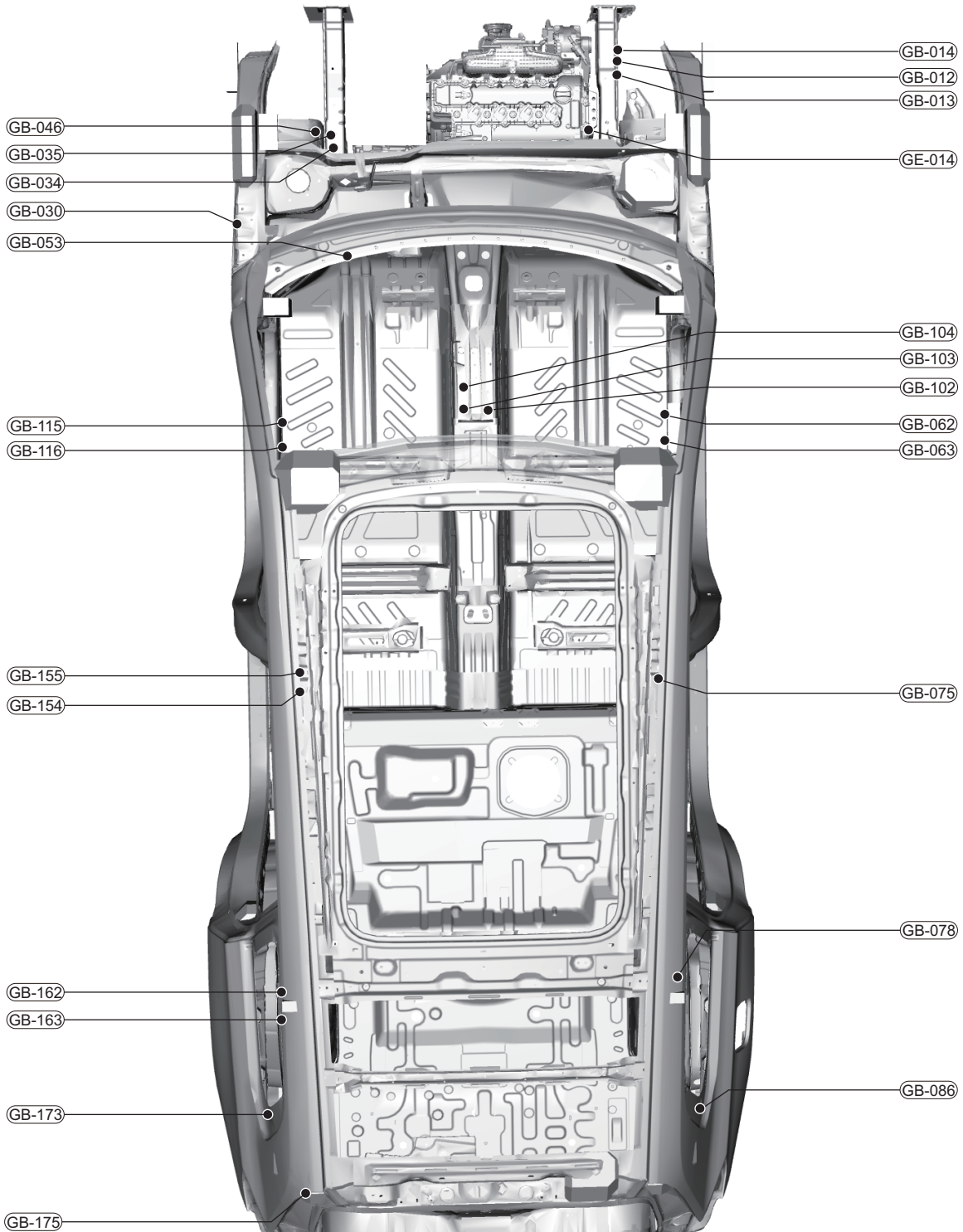
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POE012001

# Ground Point

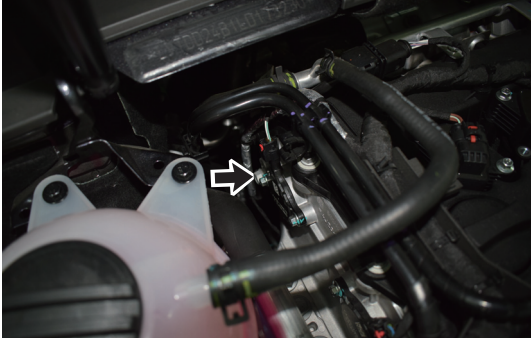
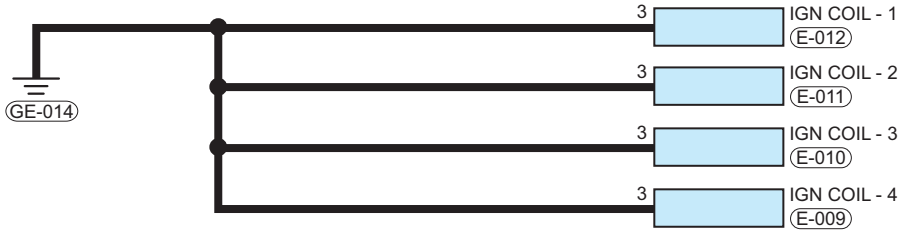
## General Information

This section provides ground point positions and circuit information about whole vehicle electrical equipment. Technical personnel can quickly find the related electrical equipment through the ground point, and solve the problem accurately and effectively.



## Engine Wire Harness Ground Point Distribution

Engine wire harness has one ground point: **GE-014**


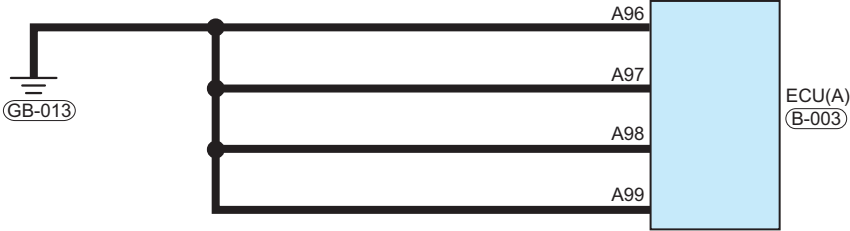
Ground Position	Physical Graphics
Engine	
	

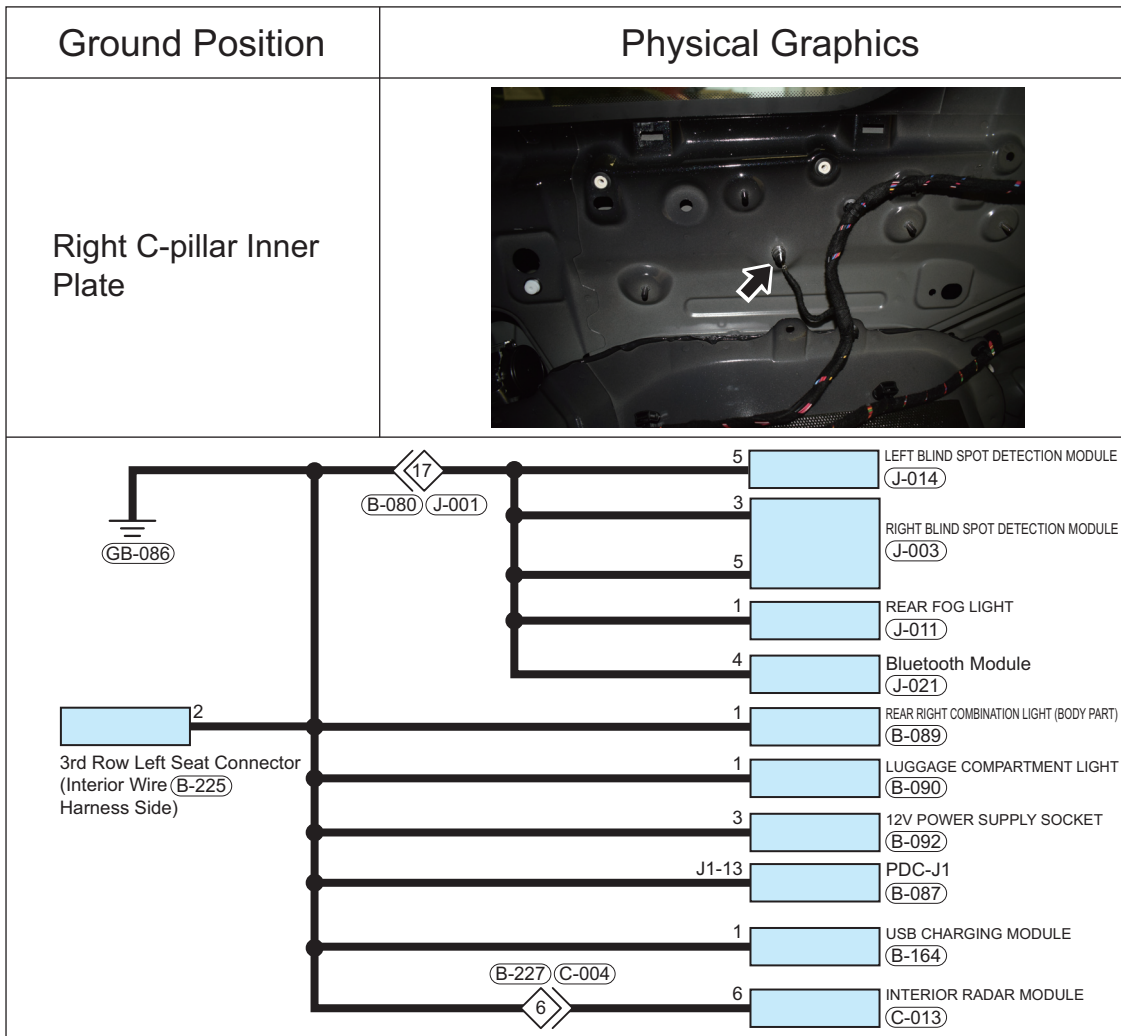
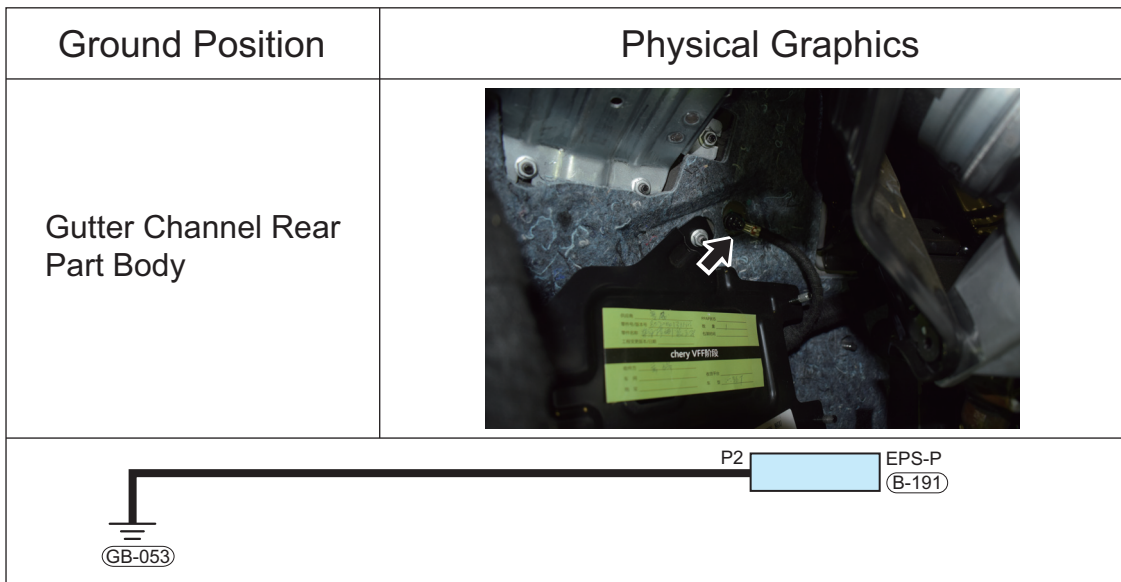
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08

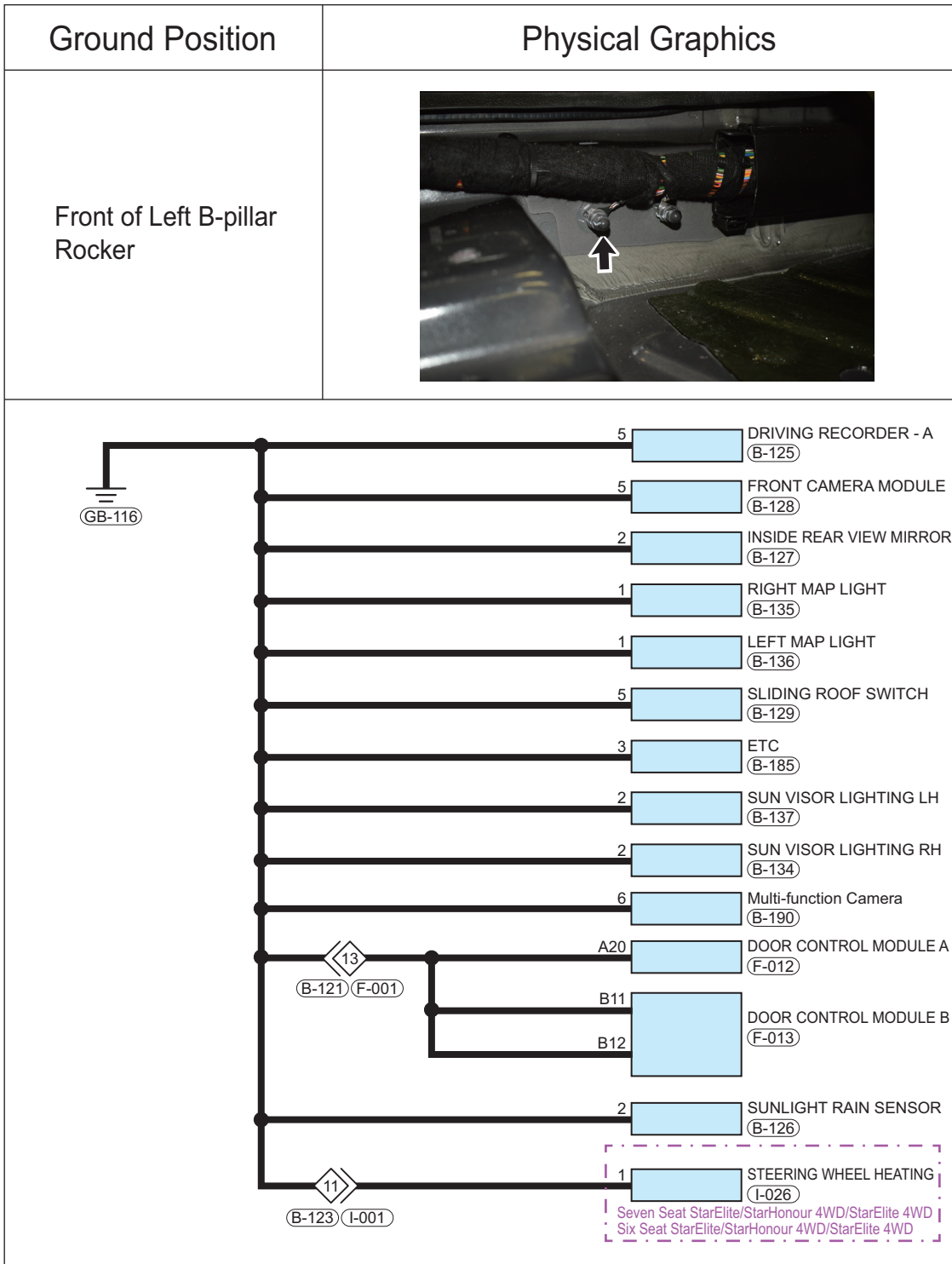
## Interior Wire Harness Ground Point Distribution

Interior wire harness has 24 ground points in total: GB-012, GB-013, GB-014, GB-030, GB-034, GB-035, GB-046, GB-053, GB-062, GB-063, GB-075, GB-078, GB-086, GB-102, GB-103, GB-104, GB-115, GB-116, GB-154, GB-155, GB-162, GB-163, GB-173, GB-175

Ground Position	Physical Graphics
<p>Front Right Side Rail Cover Plate</p>	
	



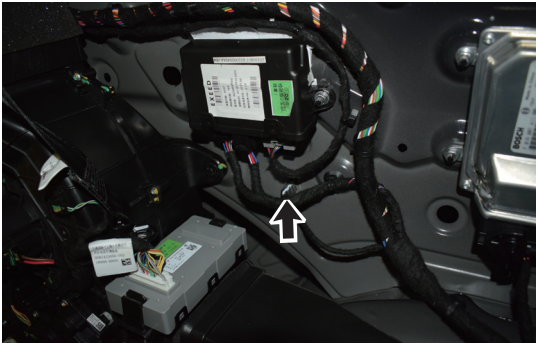

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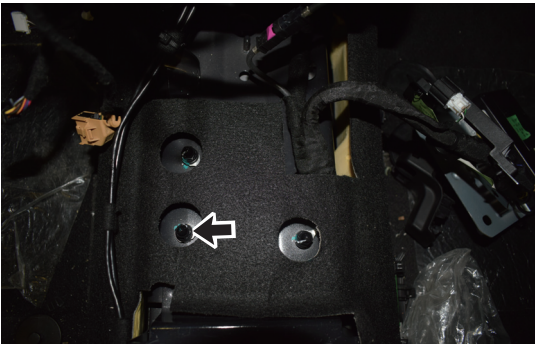
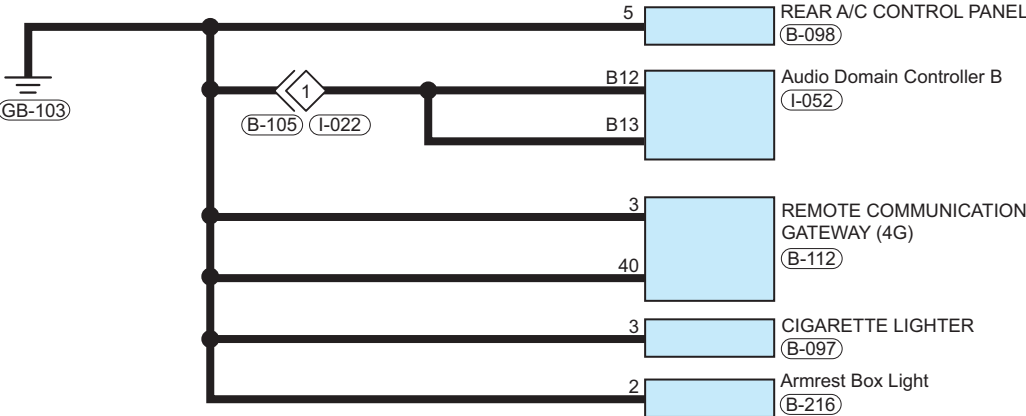


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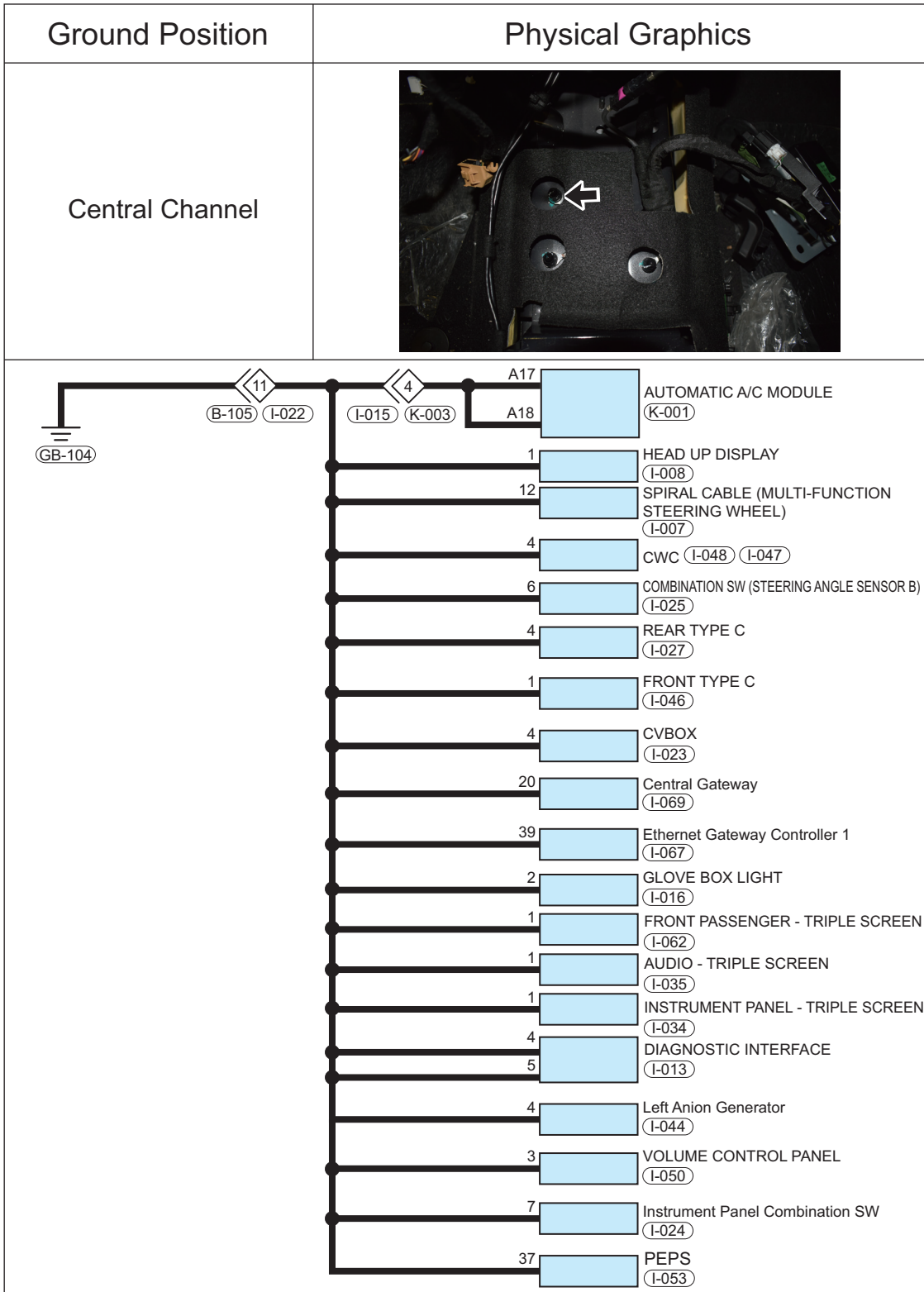
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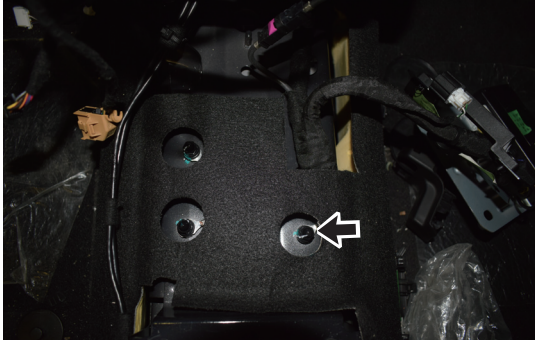
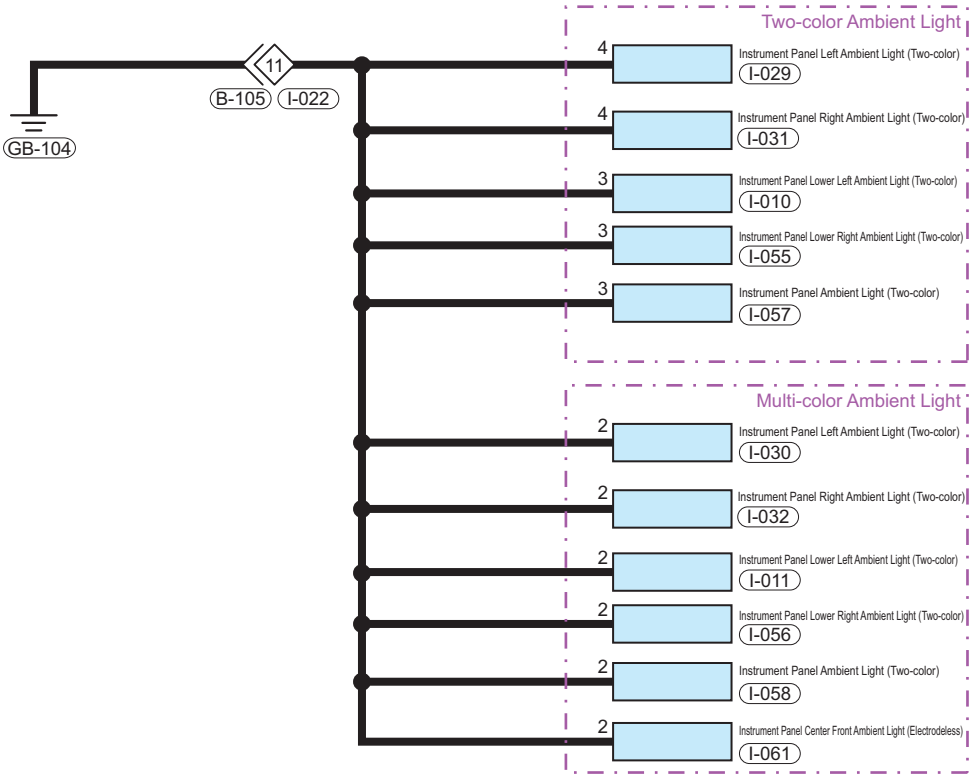
Ground Position	Physical Graphics
Left C-pillar Inner Plate	
	

Ground Position	Physical Graphics
Central Channel	
	

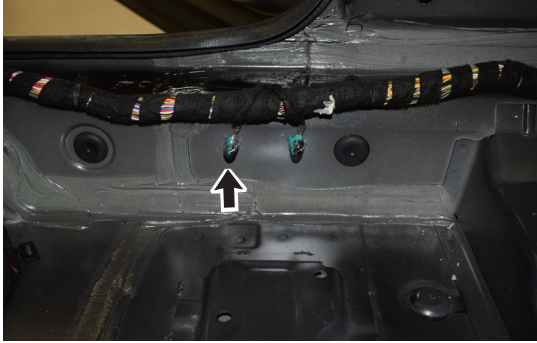
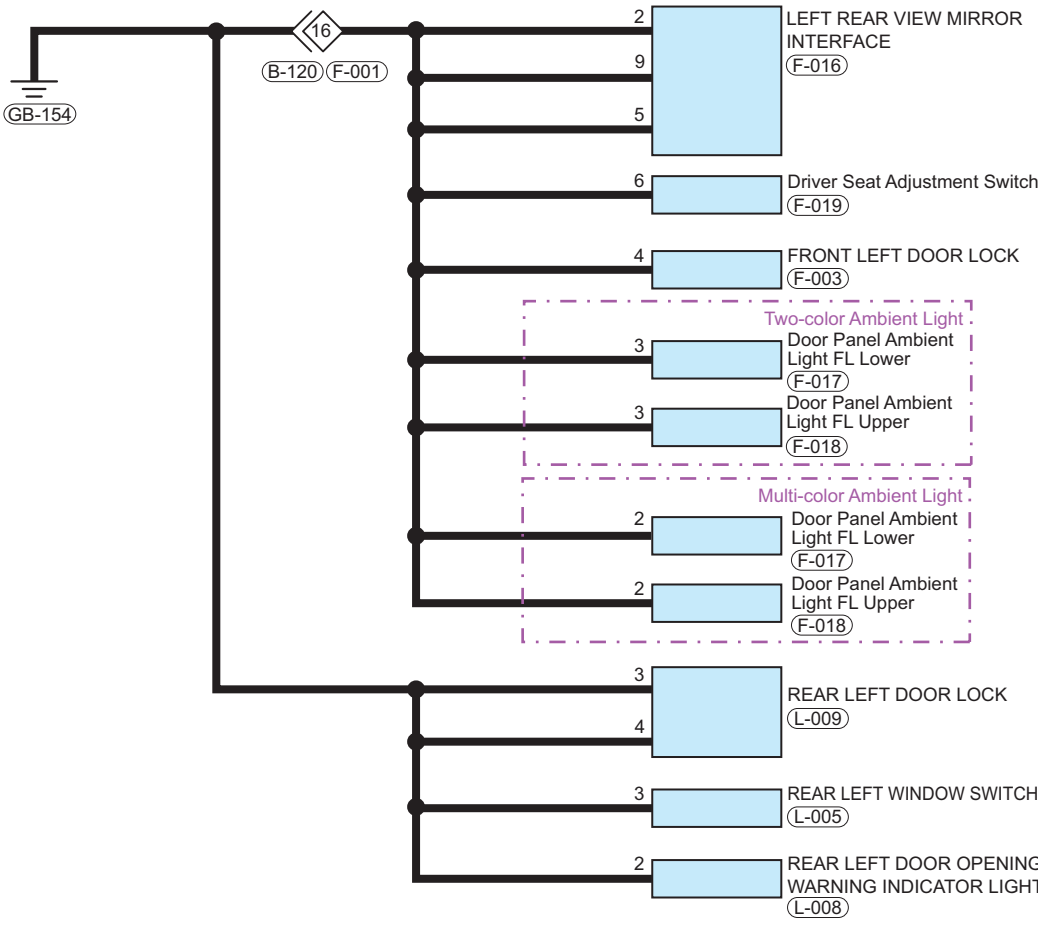
GDE005001



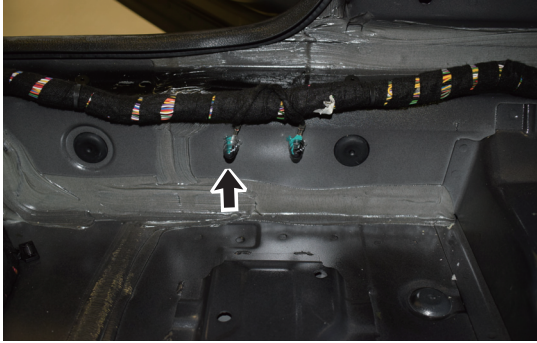
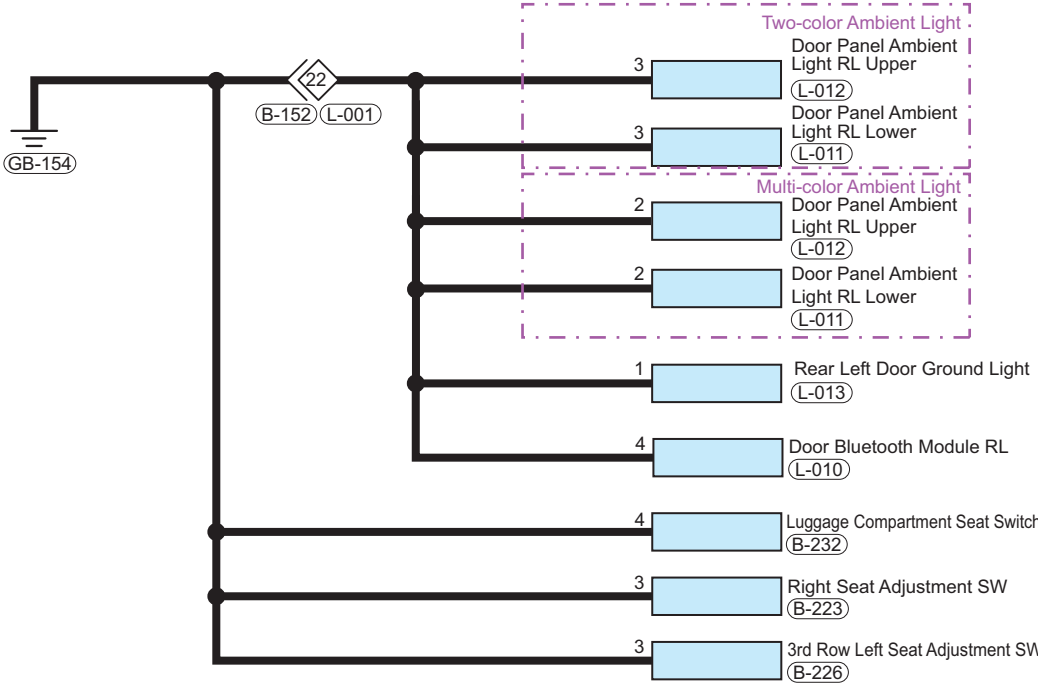
GDE007001

Ground Position	Physical Graphics
<p>Central Channel</p>	
 <p>The diagram illustrates the electrical connections for the instrument panel ambient lighting system. It shows a main ground line connected to GB-104, which passes through a 11A fuse and relays B-105 and I-022. The circuit then splits into two main branches:</p> <ul style="list-style-type: none"> <li><b>Two-color Ambient Light:</b> This branch includes five light components: <ul style="list-style-type: none"> <li>Instrument Panel Left Ambient Light (Two-color) (I-029) - 4 wires</li> <li>Instrument Panel Right Ambient Light (Two-color) (I-031) - 4 wires</li> <li>Instrument Panel Lower Left Ambient Light (Two-color) (I-010) - 3 wires</li> <li>Instrument Panel Lower Right Ambient Light (Two-color) (I-055) - 3 wires</li> <li>Instrument Panel Ambient Light (Two-color) (I-057) - 3 wires</li> </ul> </li> <li><b>Multi-color Ambient Light:</b> This branch includes six light components: <ul style="list-style-type: none"> <li>Instrument Panel Left Ambient Light (Two-color) (I-030) - 2 wires</li> <li>Instrument Panel Right Ambient Light (Two-color) (I-032) - 2 wires</li> <li>Instrument Panel Lower Left Ambient Light (Two-color) (I-011) - 2 wires</li> <li>Instrument Panel Lower Right Ambient Light (Two-color) (I-056) - 2 wires</li> <li>Instrument Panel Ambient Light (Two-color) (I-058) - 2 wires</li> <li>Instrument Panel Center Front Ambient Light (Electroless) (I-061) - 2 wires</li> </ul> </li> </ul>	


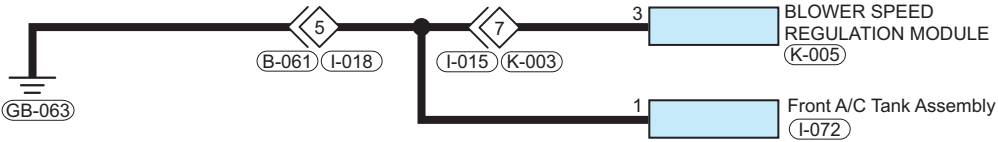

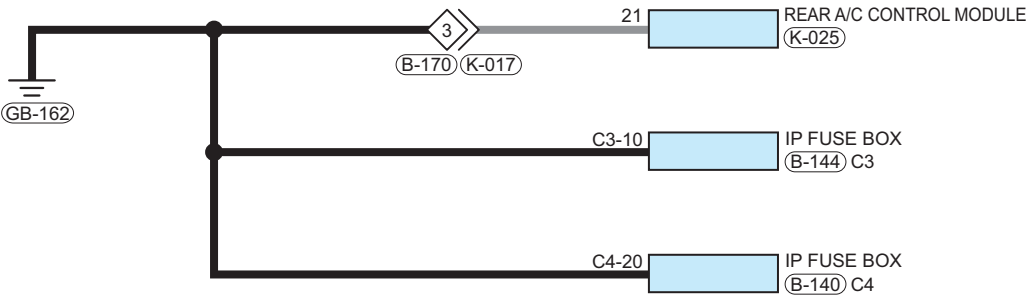
GDE007002

Ground Position	Physical Graphics
<p>Front of Left B-pillar Rocker</p>	
 <p>GB-154</p> <p>16</p> <p>B-120 F-001</p> <p>2 LEFT REAR VIEW MIRROR INTERFACE (F-016)</p> <p>9</p> <p>5</p> <p>6 Driver Seat Adjustment Switch (F-019)</p> <p>4 FRONT LEFT DOOR LOCK (F-003)</p> <p>3 Two-color Ambient Light</p> <p>3 Door Panel Ambient Light FL Lower (F-017)</p> <p>3 Door Panel Ambient Light FL Upper (F-018)</p> <p>2 Multi-color Ambient Light</p> <p>2 Door Panel Ambient Light FL Lower (F-017)</p> <p>2 Door Panel Ambient Light FL Upper (F-018)</p> <p>3 REAR LEFT DOOR LOCK (L-009)</p> <p>4</p> <p>3 REAR LEFT WINDOW SWITCH (L-005)</p> <p>2 REAR LEFT DOOR OPENING WARNING INDICATOR LIGHT (L-008)</p>	

GDE008001

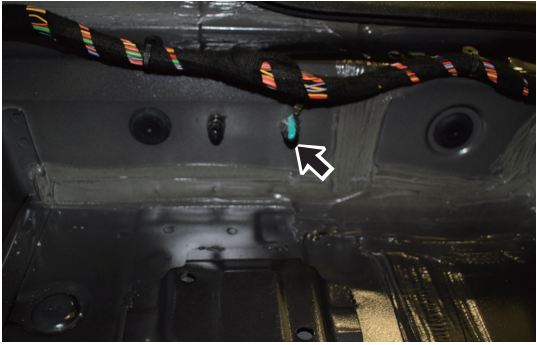
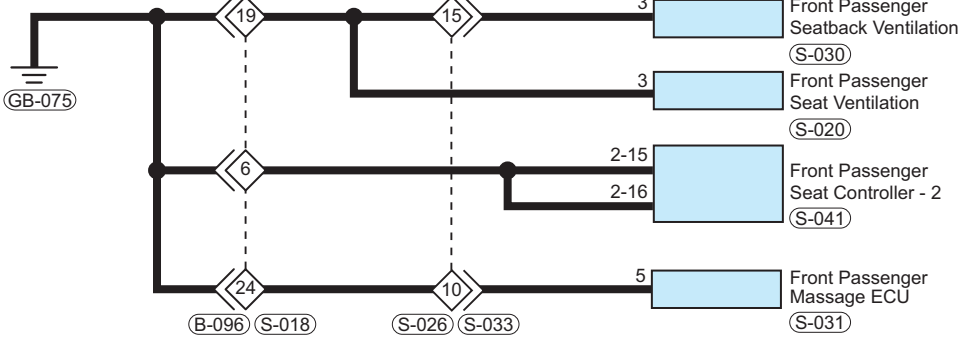
Ground Position	Physical Graphics
<p>Front of Left B-pillar Rocker</p>	
 <p>The diagram illustrates the electrical ground circuit for the front of the left B-pillar rocker. It begins at a ground point labeled GB-154. The circuit then passes through a 22 ohm resistor and a fuse labeled B-152 (L-001). From this point, the circuit branches out to several components:</p> <ul style="list-style-type: none"> <li>Two-color Ambient Light:             <ul style="list-style-type: none"> <li>Door Panel Ambient Light RL Upper (L-012) - 3 wires</li> <li>Door Panel Ambient Light RL Lower (L-011) - 3 wires</li> </ul> </li> <li>Multi-color Ambient Light:             <ul style="list-style-type: none"> <li>Door Panel Ambient Light RL Upper (L-012) - 2 wires</li> <li>Door Panel Ambient Light RL Lower (L-011) - 2 wires</li> </ul> </li> <li>Rear Left Door Ground Light (L-013) - 1 wire</li> <li>Door Bluetooth Module RL (L-010) - 4 wires</li> <li>Luggage Compartment Seat Switch (B-232) - 4 wires</li> <li>Right Seat Adjustment SW (B-223) - 3 wires</li> <li>3rd Row Left Seat Adjustment SW (B-226) - 3 wires</li> </ul>	

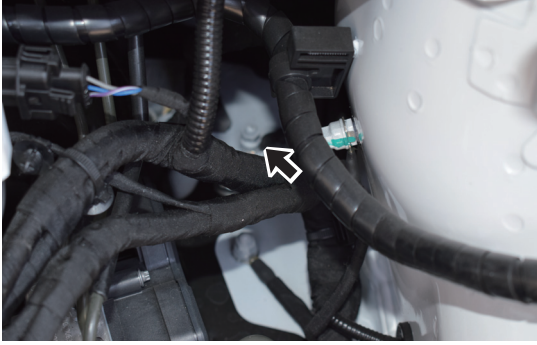

GDE008002

Ground Position	Physical Graphics
<p>Front of Right B-pillar Rocker</p>	
	
Ground Position	Physical Graphics
<p>Rear Left Wheel House Inner Plate</p>	
	

08


GDE009001

Ground Position	Physical Graphics
Rear of Right B-pillar Rocker	
	

Ground Position	Physical Graphics
	
	

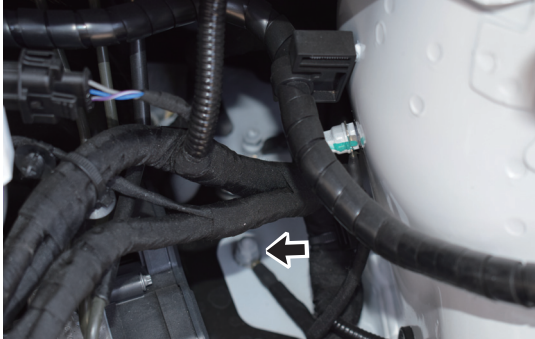
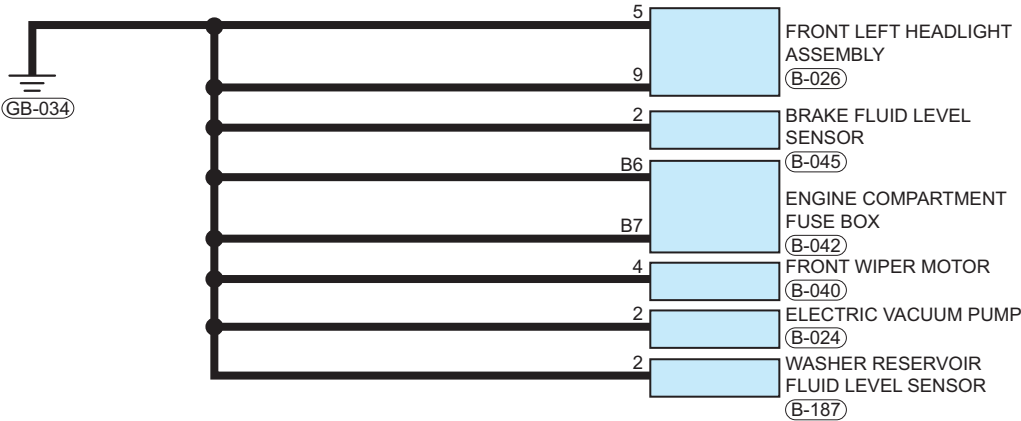
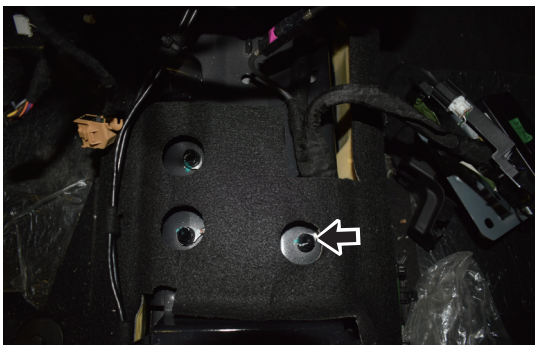

GDE010001



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




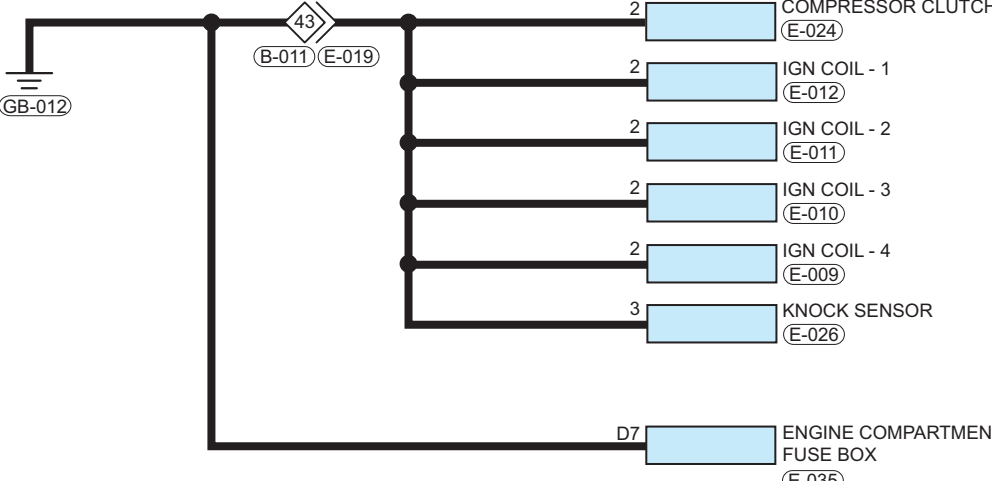
GDE011001



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

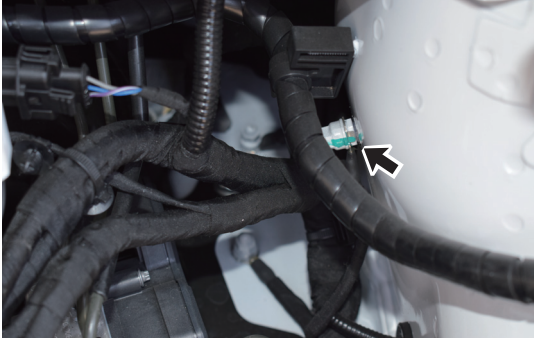


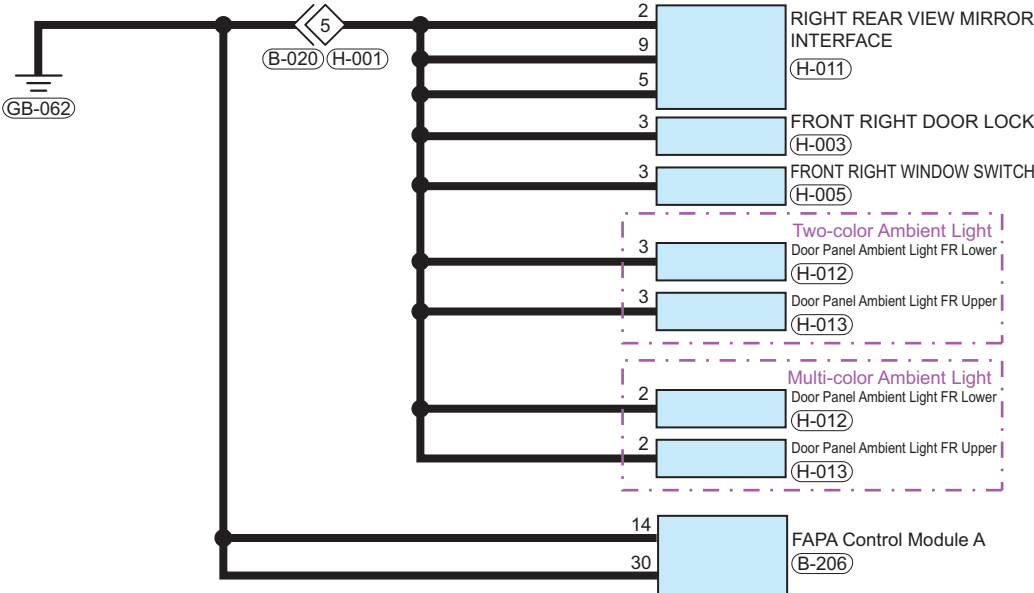
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GDE012001

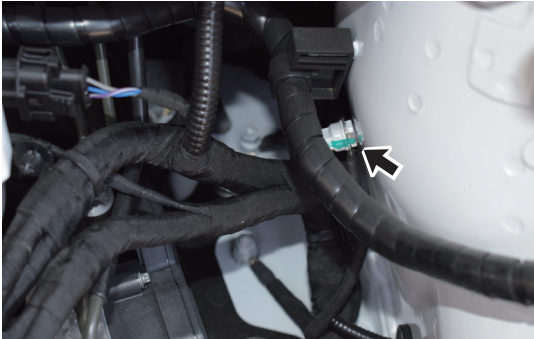


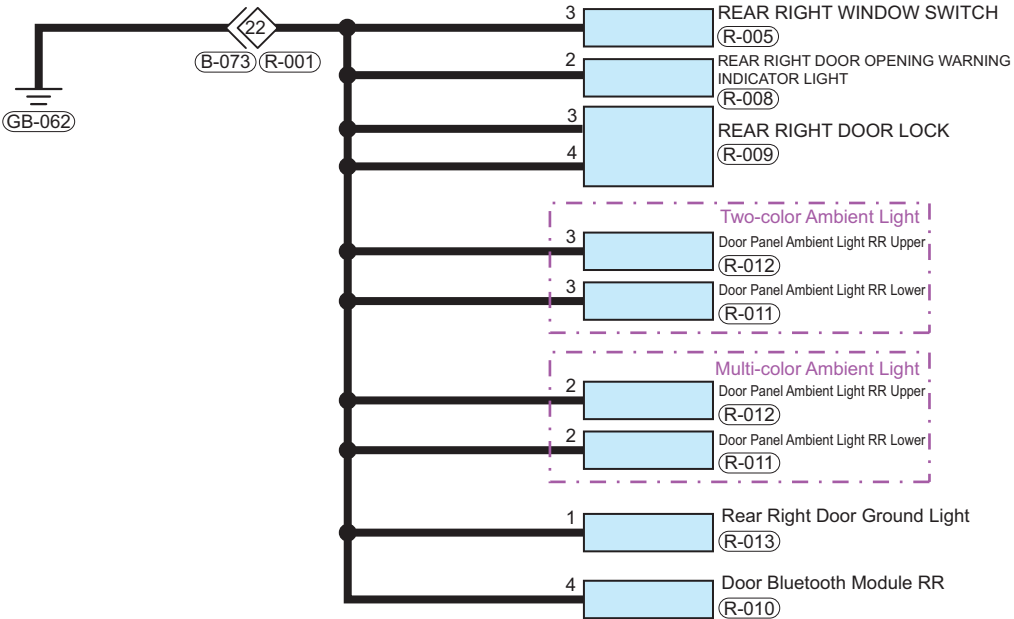
Ground Position	Physical Graphics
Rear Left Wheel House Inner Plate	
	
Ground Position	Physical Graphics
Front Right Side Rail Cover Plate	
	

08


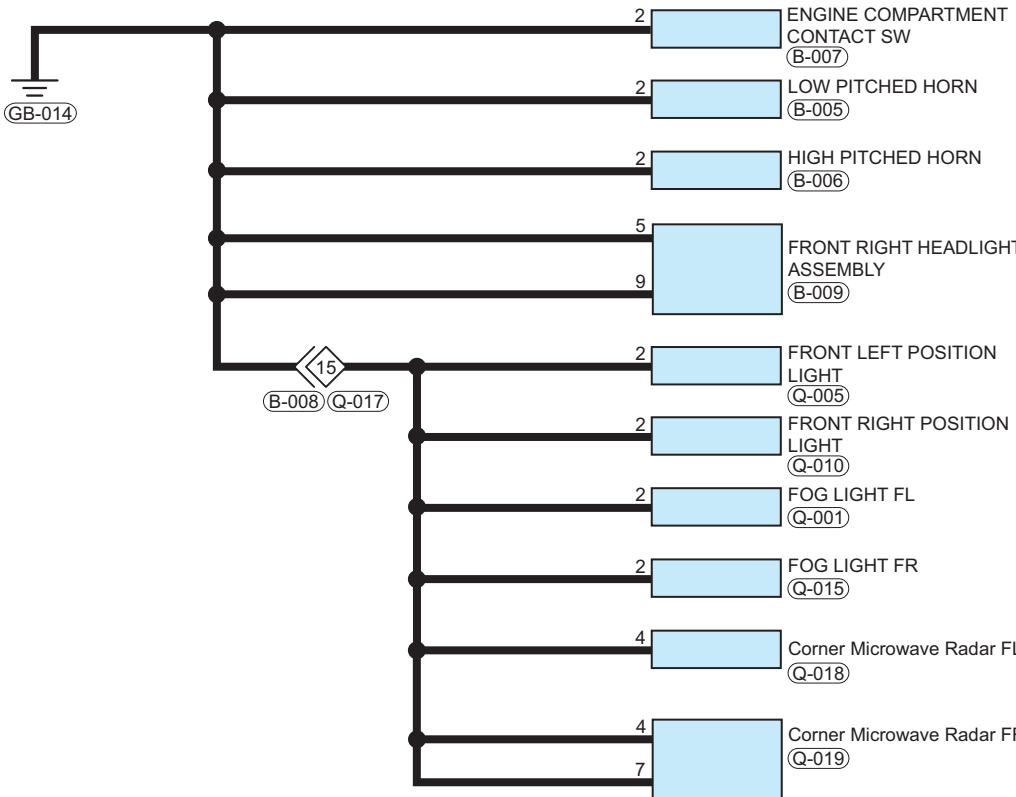
GDE013001

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


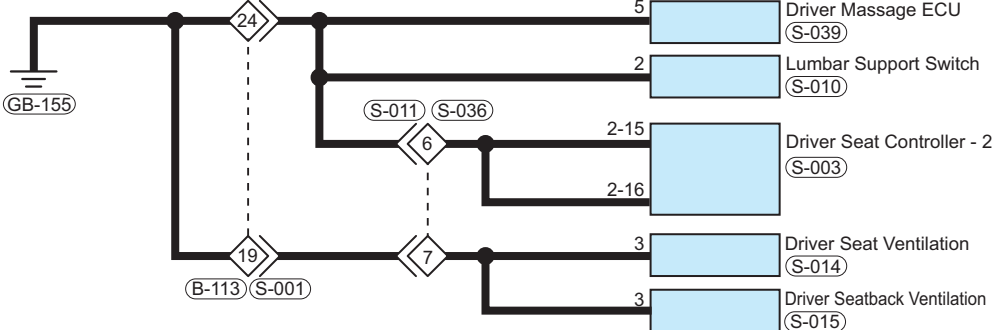

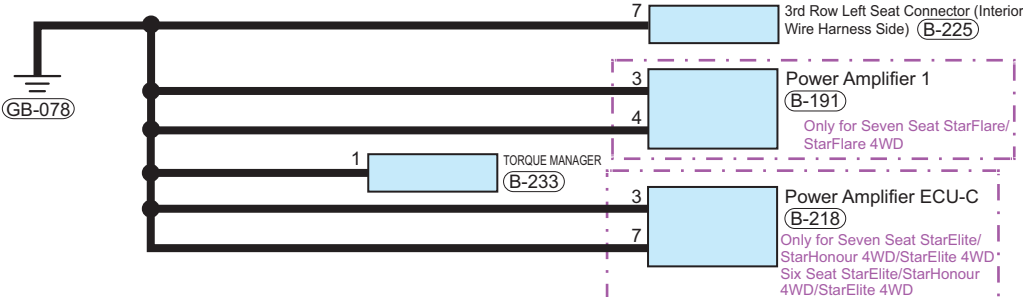
GDE014001

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

GDE014002

Ground Position	Physical Graphics
<p>Front right side rail cover plate and right outside rail are closed to EMS module</p>	
	

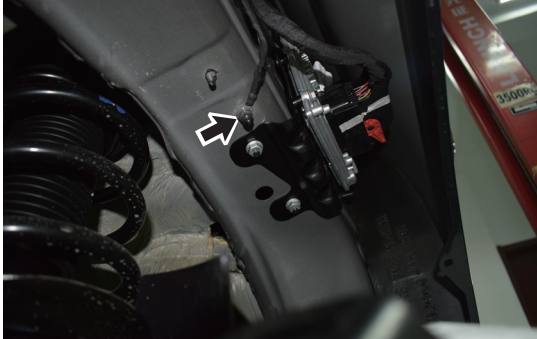

GDE015001



Ground Position	Physical Graphics
<p>Rear of Left B-pillar Rocker</p>	
	
Ground Position	Physical Graphics
<p>Rear Right Wheel House Inner Plate</p>	
	

GDE016001

08



Ground Position	Physical Graphics
<p>Outside of Front Left Wheel House Reinforcing Plate</p>	
	

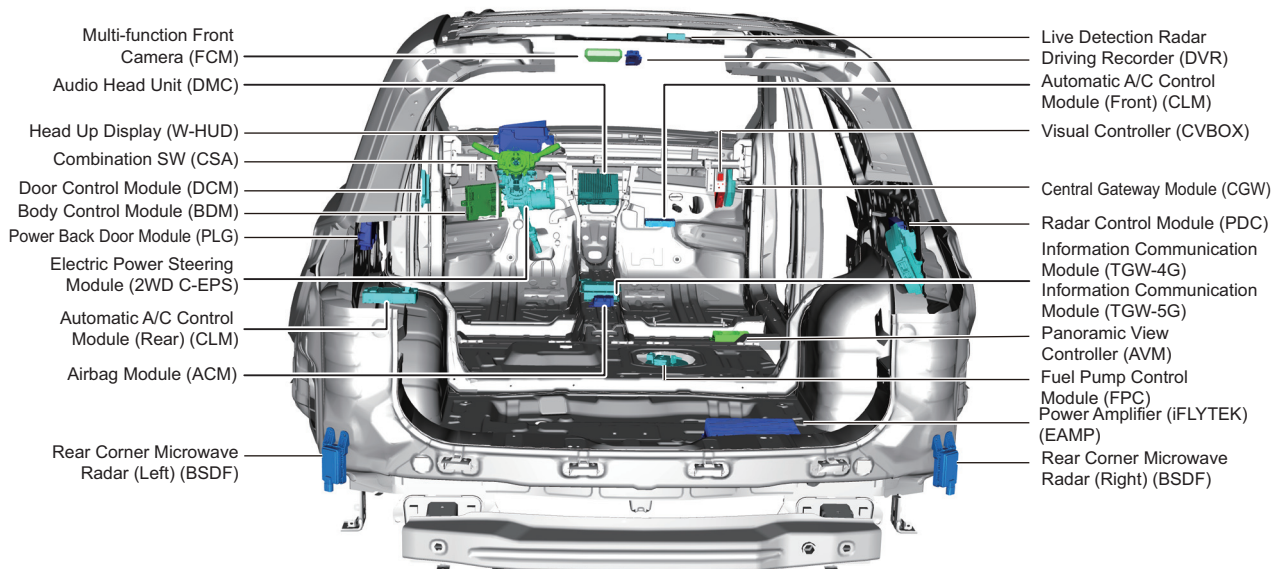
Ground Position	Physical Graphics
<p>Rear of Left B-pillar Rocker</p>	
	

08

GDE017001

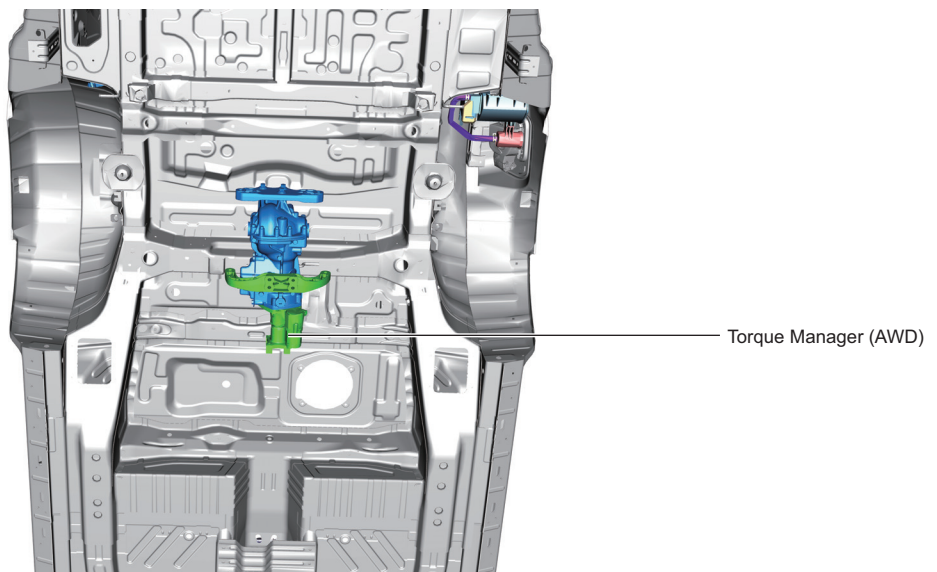
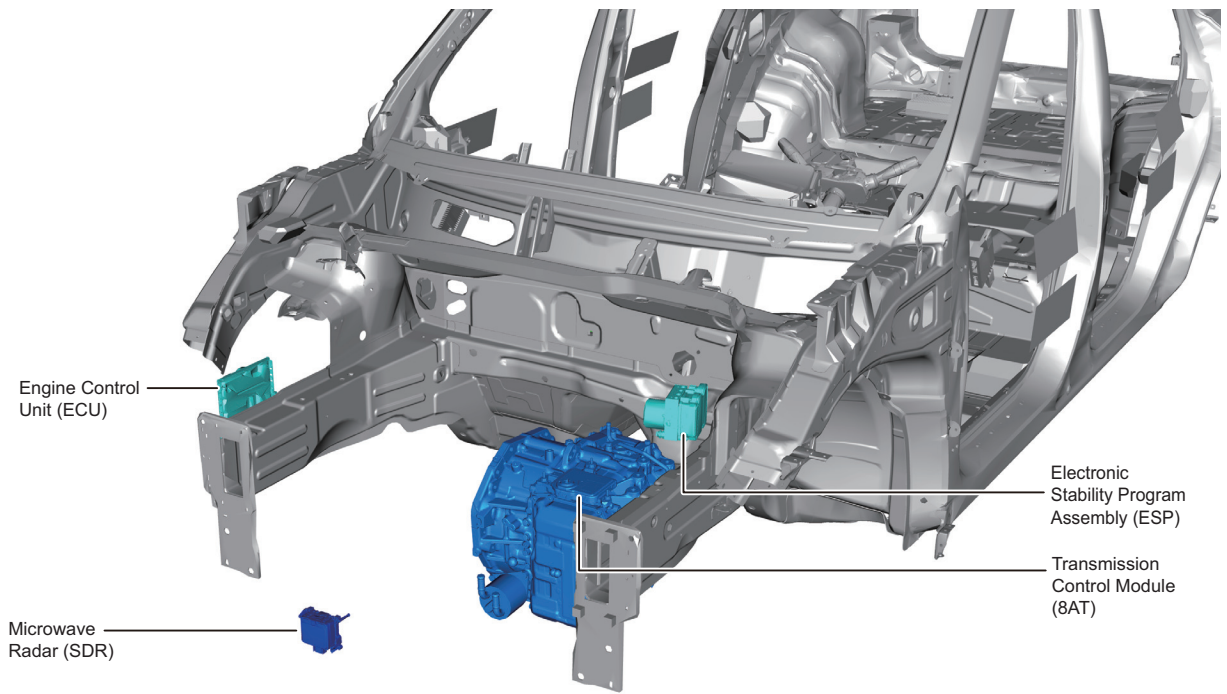
# Control Module Distribution Diagram and Terminal Definition

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

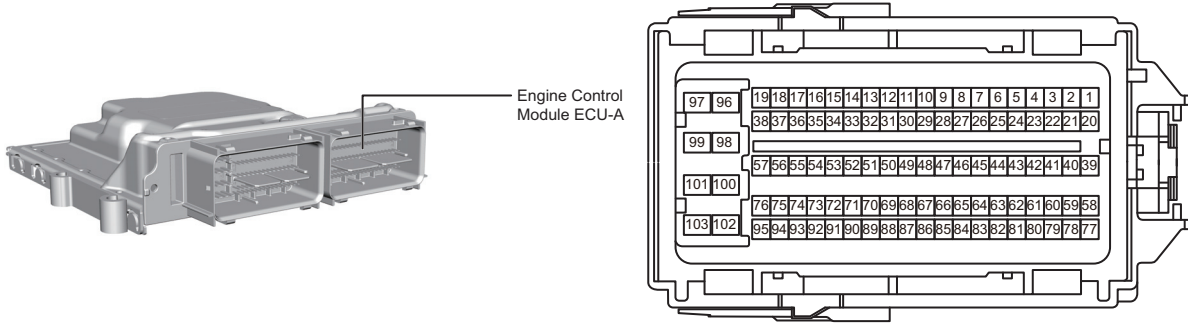


EWD130001





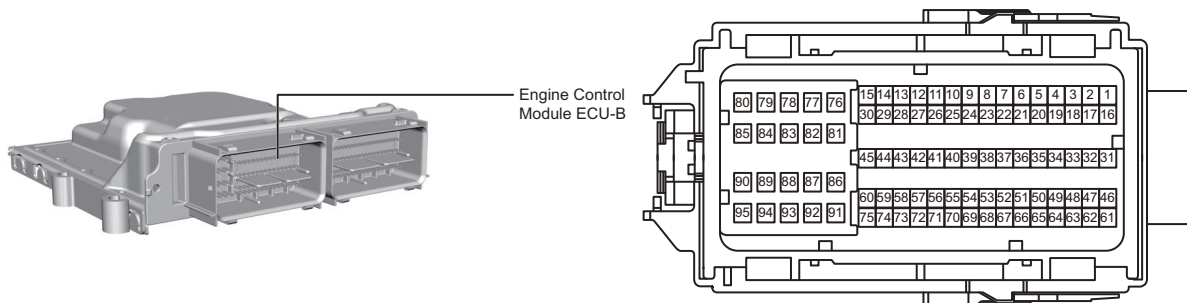
### Engine Control Module (ECU-A) Terminal Definition



PIN	Definition	PIN	Definition
A1	Starter Control LSD	A53	-
A2	-	A54	-
A3	-	A55	Brake Light Switch Signal
A4	-	A56	Brake Switch
A5	-	A57	Starter State Feedback Signal
A6	Main Relay	A58	Canister Shutoff Solenoid Valve
A7	Crankcase Ventilation Heating Valve	A59	Variable Oil Pump
A8	Downstream Oxygen Sensor	A60	Electronic Thermostat
A9	Analog Sensor Ground 5	A61	Downstream Oxygen Sensor Heating
A10	-	A62	Upstream Oxygen Sensor Heating
A11	Analog Sensor Ground 7	A63	Continuous Power Supply
A12	Analog Sensor Ground 8	A64	Refresh and Body CAN Low
A13	Electronic Accelerator Pedal 1 Ground	A65	Refresh and Body CAN High
A14	Analog Sensor Power Supply 1	A66	Upstream Oxygen IA
A15	Electronic Accelerator Pedal Signal 1	A67	Upstream Oxygen VN
A16	Electronic Accelerator Pedal Signal 2	A68	-
A17	-	A69	-
A18	Sensor Power Supply (5V)	A70	-
A19	-	A71	-
A20	-	A72	-
A21	Electronic Vacuum Pump	A73	-
A22	-	A74	-
A23	Fuel Pump Relay	A75	-
A24	A/C Compressor Relay	A76	-
A25	Relief Control Valve	A77	-

PIN	Definition	PIN	Definition
A26	Fuel Control Enable Signal	A78	-
A27	Brake Vacuum Sensor	A79	-
A28	Oxygen Sensor Ground	A80	-
A29	Electronic Accelerator Pedal 2 Ground	A81	-
A30	-	A82	-
A31	Electronic Accelerator Pedal Power Supply 1	A83	-
A32	-	A84	-
A33	-	A85	-
A34	A/C Pressure Sensor	A86	-
A35	-	A87	-
A36	Fuel Level Sensor	A88	-
A37	-	A89	-
A38	-	A90	-
A39	PWM Cooling Fan	A91	-
A40	Exhaust Phase Solenoid Valve (Exhaust)	A92	-
A41	Intake Phase Solenoid Valve (Intake)	A93	-
A42	Canister Control Valve	A94	-
A43	-	A95	-
A44	-	A96	ECU Ground 4
A45	-	A97	ECU Ground 3
A46	Ignition Switch	A98	ECU Ground 2
A47	LIN Bus	A99	ECU Ground 1
A48	Upstream Oxygen IP	A100	Main Relay Power Supply 1
A49	Upstream Oxygen VM	A101	Main Relay Power Supply 2
A50	-	A102	Main Relay Power Supply 3
A51	Electronic Accelerator Pedal Power Supply 2	A103	Main Relay Power Supply 4
A52	GPF Front Temperature Sensor		

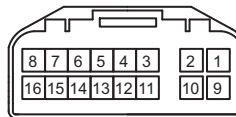
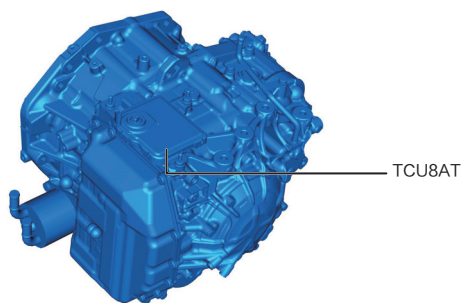
### Engine Control Module (ECU-B) Terminal Definition



PIN	Definition	PIN	Definition
B1	Sensor Power Supply (5V)	B49	-
B2	Sensor Power Supply (5V)	B50	-
B3	Sensor Power Supply (5V)	B51	-
B4	-	B52	-
B5	Digital Sensor Ground 2	B53	-
B6	Analog Sensor Ground 1	B54	Electronic Waste Gate Position Signal
B7	Analog Sensor Ground 2	B55	-
B8	Analog Sensor Ground 3	B56	-
B9	Analog Sensor Ground 4	B57	Engine Speed Sensor Signal
B10	Exhaust Phase Sensor Ground	B58	-
B11	Intake 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	Sensor Power Supply (5V)	B64	-
B17	Exhaust Phase Sensor Power Supply	B65	-
B18	Speed Sensor Power Supply	B66	-
B19	-	B67	-
B20	Speed Sensor Ground	B68	-
B21	-	B69	-
B22	Engine Coolant Temperature Sensor Signal 1	B70	-
B23	-	B71	-
B24	-	B72	-
B25	Low Pressure Fuel Rail Pressure Sensor	B73	-

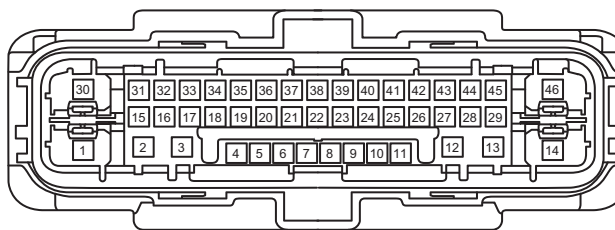
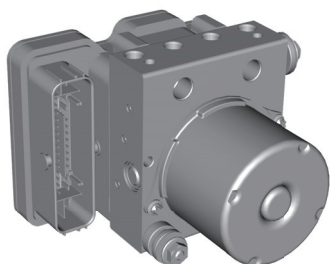
PIN	Definition	PIN	Definition
B26	Canister Desorption Pressure Sensor	B74	-
B27	Boost Pressure Sensor Signal	B75	-
B28	Intake Pressure Sensor Signal	B76	4th Cylinder Fuel Injection +
B29	Boost Temperature Sensor Signal	B77	4th Cylinder Injector -
B30	Intake Phase Sensor Signal	B78	1st Cylinder Injector -
B31	Fuel Tank Pressure Sensor	B79	3rd Cylinder Injector +
B32	-	B80	2nd Cylinder Injector +
B33	-	B81	Electronic Waste Gate Control -
B34	Electronic Throttle Feedback Signal 2	B82	Electronic Waste Gate Control +
B35	Engine Coolant Temperature Sensor Signal 2	B83	1st Cylinder Injector +
B36	High Pressure Fuel Rail Pressure Sensor Signal	B84	3rd Cylinder Injector -
B37	-	B85	2nd Cylinder Injector -
B38	Manifold Temperature Sensor Signal	B86	Electronic Throttle Control -
B39	-	B87	-
B40	Electronic Throttle Feedback Signal 1	B88	-
B41	Dual-mode GPF Differential Pressure Sensor (SENT2)	B89	-
B42	Dual-mode GPF Differential Pressure Sensor (SENT1)	B90	Fuel Pressure Control Valve -
B43	-	B91	Electronic Throttle Control +
B44	-	B92	-
B45	Exhaust Phase Sensor Signal	B93	-
B46	Knock Sensor (+)	B94	-
B47	Knock Sensor (-)	B95	Fuel Pressure Control Valve +
B48	-		

### Transmission Control Unit (TCU) Terminal Definition



PIN	Definition	PIN	Definition
1	KL30 Power Supply	9	Ground
2	-	10	-
3	-	11	Ignition KL15
4	-	12	-
5	-	13	-
6	CAN_L	14	CAN_H
7	-	15	-
8	-	16	-

## Body Stability Control Module (ESP) Terminal Definition

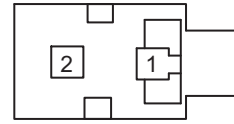
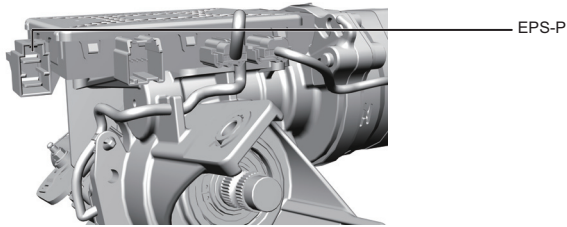


PIN	Definition	PIN	Definition
1	Motor Power Supply End (Positive)	24	Front Left Wheel Speed Sensor Power Supply
2	Right Caliper Motor Power Supply Wire	25	CAN2 L
3	Right Caliper Motor Ground Wire	26	Front Right Wheel Speed Sensor Signal Wire
4	-	27	-
5	CAN H	28	-
6	-	29	-
7	Front Left Wheel Speed Sensor Signal Wire	30	Power Supply
8	-	31	EPB Switch Pin 1
9	-	32	EPB Switch Pin 4
10	-	33	-
11	CAN2 H	34	-
12	Left Caliper Motor Ground Wire	35	-
13	Left Caliper Motor Power Supply Wire	36	Ignition Signal
14	Motor Ground	37	Rear Right Wheel Speed Sensor Signal Wire
15	EPB Switch Pin 3	38	Brake Switch
16	EPB Switch Pin 6	39	Rear Left Wheel Speed Sensor Power Supply Wire
17	-	40	-
18	EPB SW Indicator	41	-
19	CAN L	42	-
20	-	43	-
21	Front Right Wheel Speed Sensor Power Supply	44	-
22	Rear Right Wheel Speed Sensor Power Supply	45	-

PIN	Definition	PIN	Definition
23	Rear Left Wheel Speed Sensor Signal Wire	46	ECU Ground

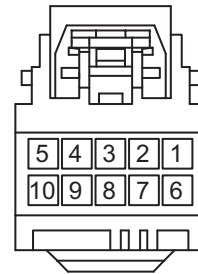
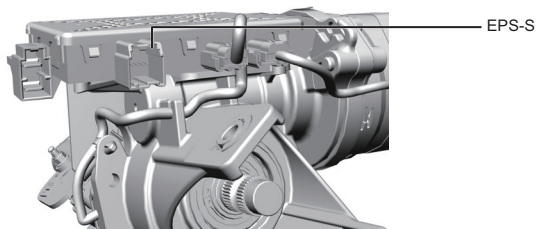


### Electric Power Steering Module (EPS)-X Terminal Definition



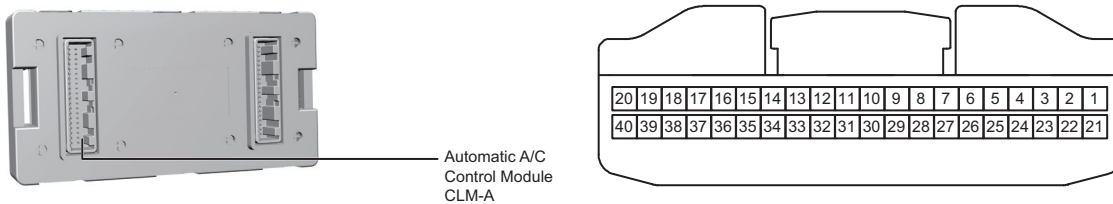
PIN	Definition	PIN	Definition
X-1	Power Supply	X-2	Ground

### Electric Power Steering Module (EPS)-S Terminal Definition



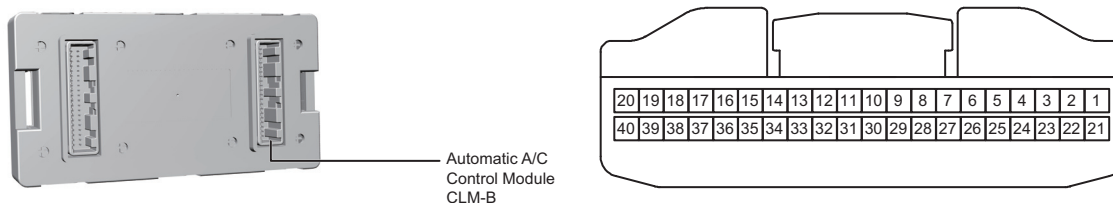
PIN	Definition	PIN	Definition
S-1	Ignition Signal	S-6	-
S-2	-	S-7	-
S-3	CAN-H	S-8	-
S-4	CAN-L	S-9	-
S-5	-	S-10	-

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



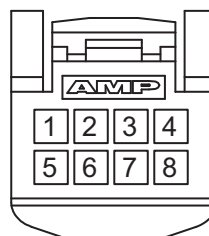
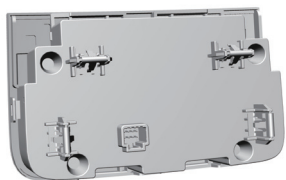
PIN	Definition	PIN	Definition
1	CAN_L	21	CAN_H
2	Circulation Damper Motor Drive +	22	-
3	Mode Damper Motor Drive -	23	-
4	Right Temperature Damper Motor Drive +	24	Evaporator Temperature Sensor
5	Mode Damper Motor Drive +	25	Ambient Temperature Sensor
6	Left Temperature Damper Motor Drive -	26	-
7	Left Temperature Damper Motor Drive +	27	PM2.5 Sensor Signal
8	Right Temperature Damper Motor Drive -	28	-
9	Circulation Damper Motor Drive -	29	-
10	-	30	-
11	IGN	31	-
12	Damper Motor Position Sensor Total Power Supply	32	Blower Positive Terminal Voltage Feedback
13	Circulation Damper Motor Position Information Feedback	33	-
14	Mode Damper Motor Position Information Feedback	34	Blower Speed Control Signal
15	Left Temperature Damper Motor Position Information Feedback	35	Blower Negative Terminal Voltage Feedback
16	Right Temperature Damper Motor Position Information Feedback	36	Damper Motor Position Sensor Ground
17	Ground	37	Temperature Sensor Ground
18	Ground	38	PM2.5 AQS Sensor Power Supply
19	Power Supply	39	Compressor Solenoid Valve Drive +
20	Power Supply	40	Compressor Solenoid Valve Drive -

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



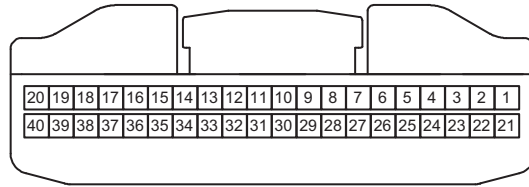
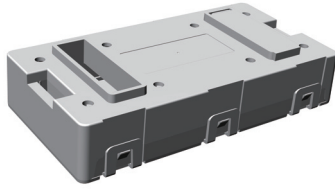
PIN	Definition	PIN	Definition
1	PM2.5 Sensor Switch (Enabling)	21	-
2	AQS Sensor Signal	22	-
3	-	23	-
4	-	24	Left Face Temperature Sensor Signal
5	-	25	Right Face Temperature Sensor Signal
6	-	26	Left Foot Temperature Sensor Signal
7	-	27	Right Foot Temperature Sensor Signal
8	-	28	-
9	-	29	Micro Light Sensor Signal
10	-	30	Left Solar Sensor Signal
11	-	31	Right Solar Sensor Signal
12	-	32	Left Anion Generator Diagnostic Signal
13	-	33	-
14	-	34	Blower Relay Control Signal
15	-	35	-
16	-	36	-
17	-	37	-
18	-	38	-
19	-	39	-
20	Anion Generator Enable	40	-

## Rear A/C Control Panel Terminal Definition



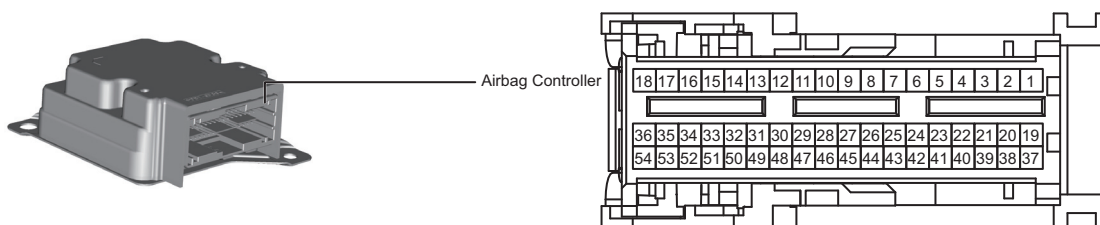
PIN	Definition	PIN	Definition
1	-	5	GND
2	KL30	6	-
3	-	7	CAN-L
4	-	8	CAN-H

## Rear A/C Control Module Terminal Definition



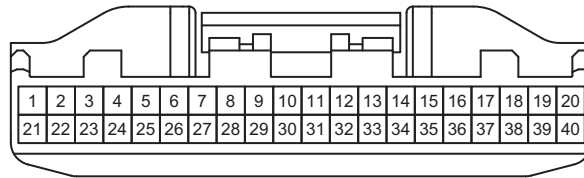
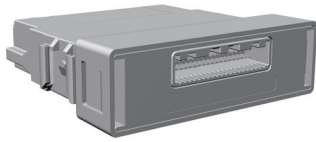
PIN	Definition	PIN	Definition
1	-	21	Ground
2	-	22	Sensor Ground
3	-	23	-
4	Temperature Damper Motor Drive 1	24	-
5	Temperature Damper Motor Drive 2	25	-
6	Temperature Damper Motor Drive 3	26	-
7	Temperature Damper Motor Drive 4	27	Evaporator Temperature Sensor
8	-	28	Face Temperature Sensor Signal
9	-	29	Foot Temperature Sensor Signal
10	CAN High	30	-
11	CAN Low	31	Blower Positive Terminal Voltage Feedback
12	IGN (Ignition Power Supply)	32	-
13	Mode Damper Motor Drive 1	33	Blower Positive Terminal Voltage Feedback
14	Mode Damper Motor Drive 2	34	Blower Speed Control Signal
15	Mode Damper Motor Drive 3	35	-
16	Mode Damper Motor Drive 4	36	-
17	-	37	Power Supply
18	-	38	Power Supply
19	-	39	-
20	-	40	Blower Relay Lower Side Control

### Airbag Control Module Terminal Definition



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

PIN	Definition	PIN	Definition
22	Front Left Seat Side Airbag (-)	49	Driver Knee Airbag -
23	Front Left Seat Side Airbag (+)	50	Driver Knee Airbag +
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	-	53	Right Curtain Shield Airbag (+)
27	Second Row Right Belt Buckle Switch	54	Right Curtain Shield Airbag (-)

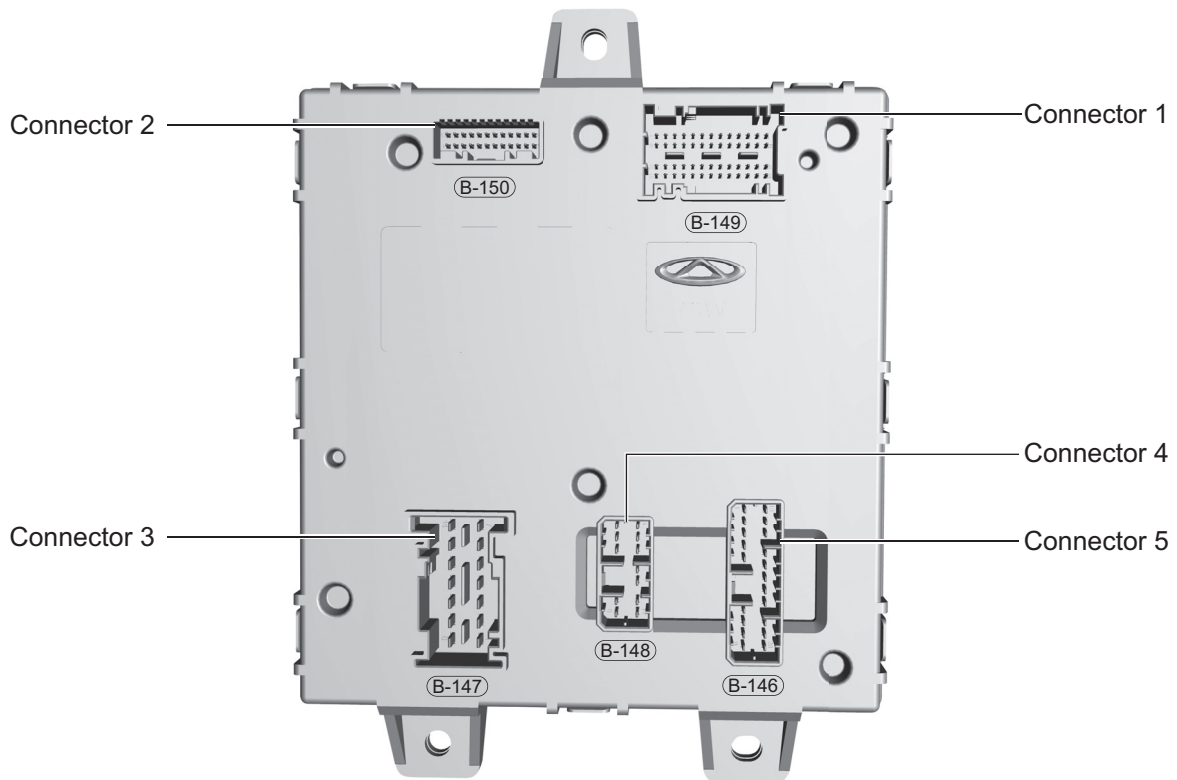
**Passive Entry Passive Start (PEPS) Terminal Definition**

PIN	Definition	PIN	Definition
1	-	21	-
2	ACC Relay Feedback, High Effective Input	22	-
3	CAN Bus (CAN H)	23	-
4	CAN Bus (CAN L)	24	-
5	-	25	ENGINE START STOP Switch Backlight Power Supply Output, High Effective
6	Luggage Compartment Open Button Input	26	Brakes Pedal Input (AT), High Effective
7	ENGINE START STOP Switch 2 Button Input, Low Effective Input	27	-
8	ENGINE START STOP Switch 1 Button Input, Low Effective Input	28	SSB GND, Reserved
9	-	29	-
10	Driver Side Door Handle Antenna +	30	Driver Side Door Handle Antenna -
11	Interior Front Antenna -/IMMO Antenna - (Reusing Antenna)	31	Interior Front Antenna +/IMMO Antenna + (Reusing Antenna)
12	Front Passenger Side Door Handle Antenna +	32	Front Passenger Side Door Handle Antenna -
13	Interior Rear Antenna +	33	Interior Rear Antenna -
14	Rear Bumper Antenna +	34	Rear Bumper Antenna -
15	Driver Side Door Handle Button or Capacitive Type Door Handle Power Supply Terminal	35	Front Passenger Side Door Handle Button or Capacitive Type Door Handle Ground Terminal
16	Front Passenger Side Door Handle Button or Capacitive Type Door Handle Power Supply Terminal	36	Driver Side Door Handle Button or Capacitive Type Door Handle Power Supply Terminal
17	IG1 Relay Feedback, High Effective Input	37	GND
18	IG1 Relay Drive, High Effective Output	38	IG2 Relay Feedback, High Effective Input

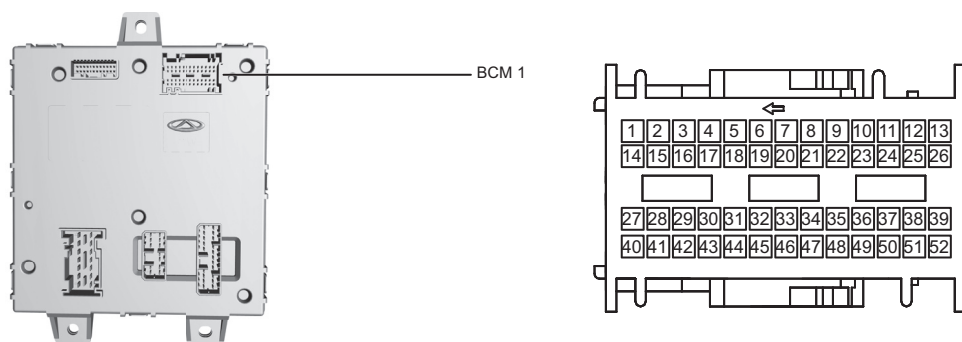


PIN	Definition	PIN	Definition
19	IG2 Relay Drive, High Effective Output	39	START Relay Drive, High Effective Output
20	Power Supply, 5A Fuse	40	ACC Relay Drive, High Effective Output

## Body Control Module (BCM)



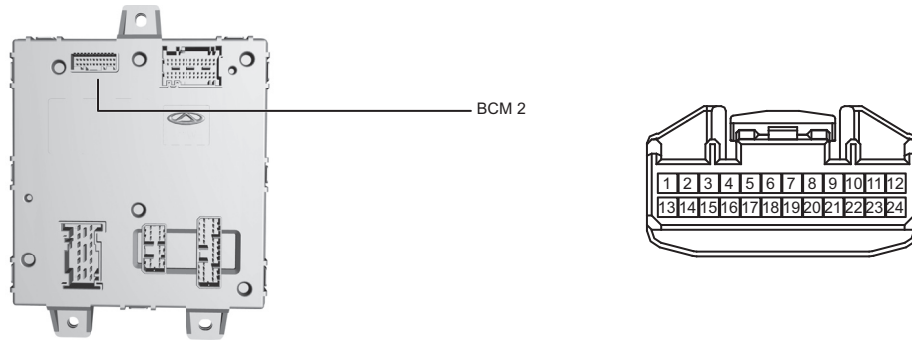
## Body Control Module (BCM 1) Terminal Definition



PIN	Definition	PIN	Definition
1	-	27	Interior Light Output
2	-	28	Luggage Compartment Unlock Motor
3	LIN1 (PLG)	29	Rear Defroster Output
4	-	30	High Speed Wiper Output
5	Front Left Steering Diagnosis	31	Position Light and License Light Output
6	Front Right Turn Diagnosis	32	-
7	Hard Wire Crash	33	-
8	SCM Heater NTC	34	-
9	-	35	-
10	Rear Left Door Open Signal	36	-
11	Headlight Adjustment	37	Front Right Door Open Signal
12	Rear Right Door Open Signal	38	-
13	Front Left Door Unlock Status Signal	39	Brake Switch Signal
14	-	40	-
15	-	41	Rear View Mirror Defroster Output
16	LIN OUT	42	Low Speed Wiper Output
17	Front Fog Light Output	43	Low Beam Light Output
18	High Beam Light Output	44	Horn Output
19	-	45	AGND
20	Passenger Side Front Right Window Regulator Switch	46	-
21	Passenger Side Rear Left Window Regulator Switch	47	-
22	Passenger Side Rear Right Window Regulator Switch	48	Back Door Open Signal
23	Front Left Door Open Signal	49	-
24	Front Wiper Stop Signal	50	-

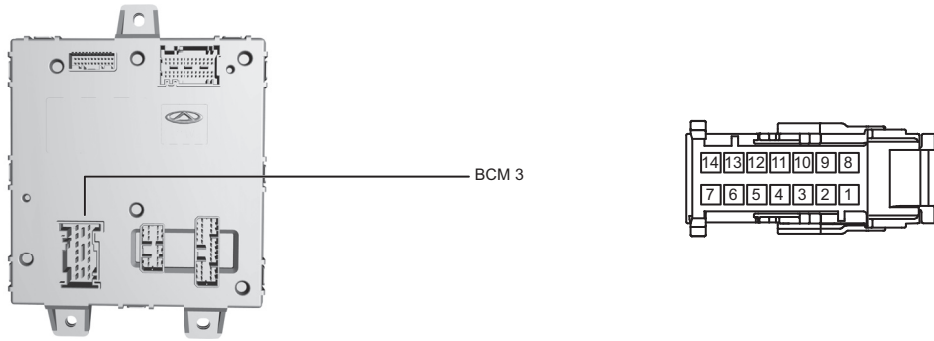
09 - Control Module Distribution Diagram and Terminal Definition

PIN	Definition	PIN	Definition
25	Position Light Feedback	51	-
26	Rear Wiper Stop Position Signal	52	Engine Hood Contact Switch

**Body Control Module (BCM 2) Terminal Definition**

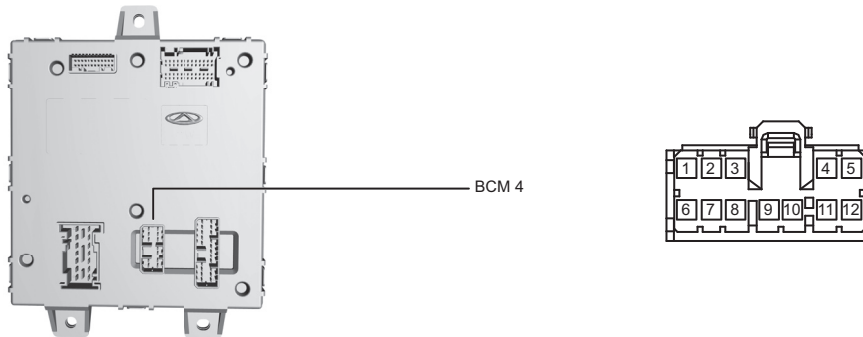
PIN	Definition	PIN	Definition
1	-	13	Water Flow Turn Signal Light Mode Signal Output
2	HS-CAN_L	14	Hazard Warning Light Operation Indicator Input
3	-	15	HS-CAN_H
4	LIN3	16	-
5	-	17	IGN-ON Signal Input
6	Washing Fluid Level SW	18	-
7	-	19	-
8	-	20	-
9	-	21	-
10	-	22	-
11	Hazard Warning Light Input	23	-
12	-	24	-

### Body Control Module (BCM 3) Terminal Definition

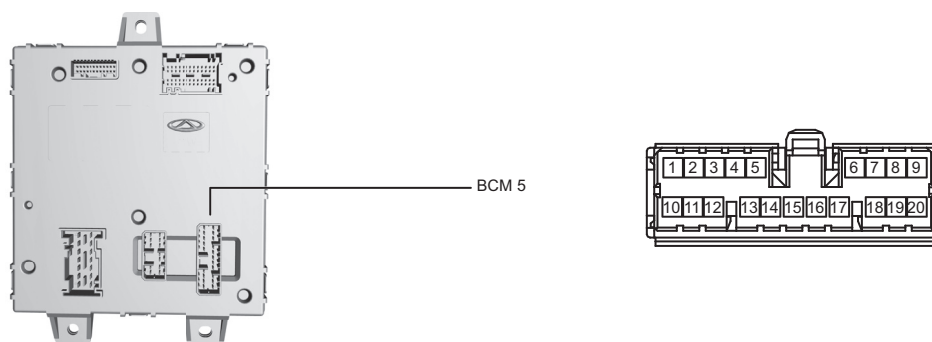


PIN	Definition	PIN	Definition
1	Power Supply 3 (Driver Unlock, Rear Wiper and Front/Rear Washer)	8	Rear Left Window Up Output
2	Power Supply 6 (Door Lock)	9	Rear Left Window Down Output
3	Ground 1	10	Power Supply 1 (Front Right Window and Rear Left Window)
4	Ground 2	11	Front Right Window Up Output
5	Rear Right Window Down Output	12	Front Right Window Down Output
6	Rear Right Window Up Output	13	Front Left Window Up Output
7	Power Supply 2 (Front Left Window and Rear Right Window)	14	Front Left Window Down Output

### Body Control Module (BCM 4) Terminal Definition

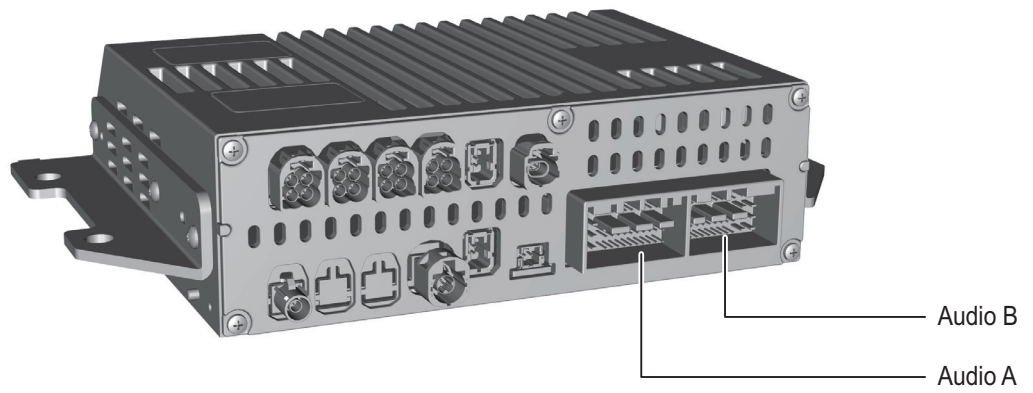


PIN	Definition	PIN	Definition
1	-	7	Backlight Adjustment Output
2	Central Control Unlock Output	8	Back-up Light Output
3	Central Control Lock Output	9	Power Supply 5 (Lighting and Rear View Mirror)
4	Driver Unlock Output	10	Rear Wiper Output
5	Front Washer Output	11	Rear Wiper Parking
6	-	12	Rear Washer Output

**Body Control Module (BCM 5) Terminal Definition**

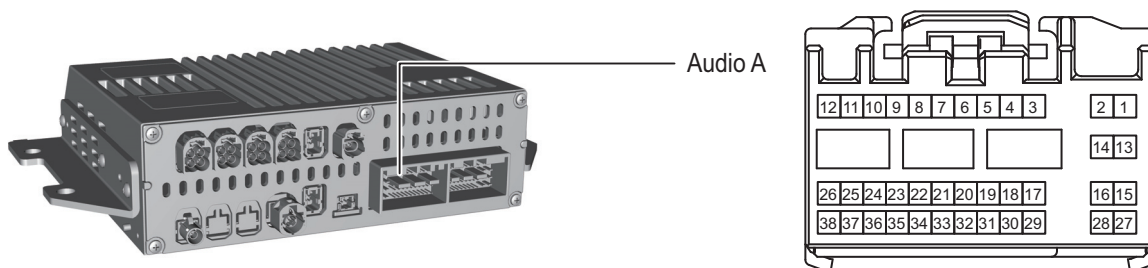
PIN	PIN		Definition
1	-	11	High Mounted Stop Light Output
2	Rear View Mirror Unfolding Output	12	Red Ambient Light Output
3	Rear View Mirror Folding Output	13	Blue Ambient Light Output
4	Left Turn Light Output	14	Left Daytime Running Light Output
5	Right Turn Light Output	15	Right Daytime Running Light Output
6	-	16	Battery Save Output
7	Front Position Light	17	Rear Fog Light Output
8	Stop Light Output	18	Left Steering Auxiliary Lighting
9	Foot Light Output	19	Right Steering Auxiliary Lighting
10	Luggage compartment light output	20	Power Supply 4 (Lighting Power Supply)

## Domain Controller



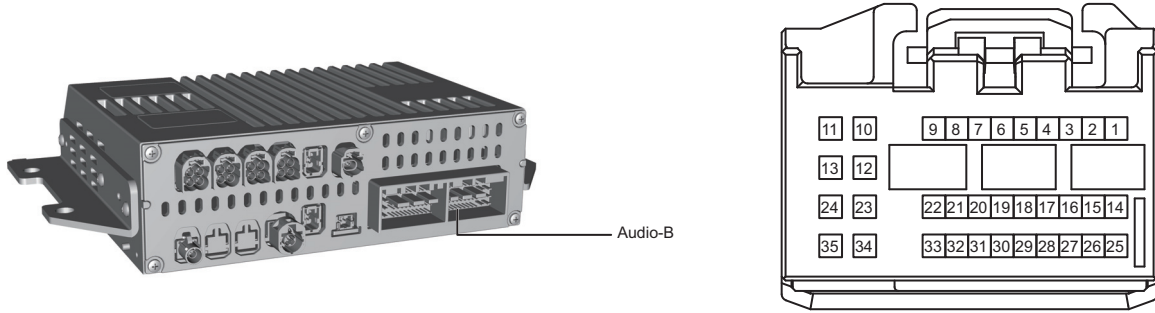


## Audio Domain Controller A Terminal Definition

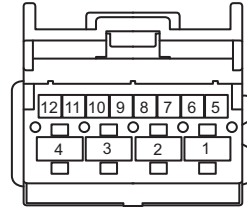
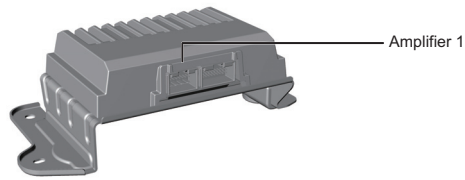


PIN	Definition	PIN	Definition
1	Rear Left Speaker +	20	Mute Line Input
2	Rear Left Speaker -	21	-
3	IF_CAN_L	22	Audio Display
4	IF_CAN_H	23	Instrument Panel Display
5	Microphone 1 -	24	Front Passenger Display
6	Microphone 1 +	25	-
7	Microphone RH -	26	-
8	Microphone RH +	27	Rear Right Speaker +
9	-	28	Rear Right Speaker -
10	-	29	-
11	-	30	-
12	-	31	-
13	Front Left Speaker +	32	ILLU
14	Front Left Speaker -	33	-
15	Front Right Speaker +	34	-
16	Front Right Speaker -	35	-
17	Audio -	36	-
18	Audio +	37	-
19	Common End Ground	38	-

### Audio Domain Controller B Terminal Definition

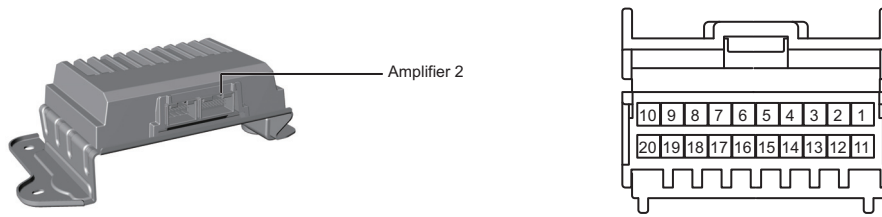


PIN	Definition	PIN	Definition
1	-	19	-
2	-	20	Brake Fluid Level Sensor Signal
3	-	21	-
4	-	22	-
5	-	23	-
6	-	24	-
7	-	25	-
8	-	26	-
9	-	27	Oil Pressure Sensor Signal
10	Power Supply	28	-
11	Power Supply	29	-
12	Ground	30	-
13	Ground	31	-
14	B-CAN L	32	-
15	B-CAN H	33	-
16	-	34	Power Supply
17	-	35	Power Supply
18	-		

**Amplifier-1 (SONY) Terminal Definition**

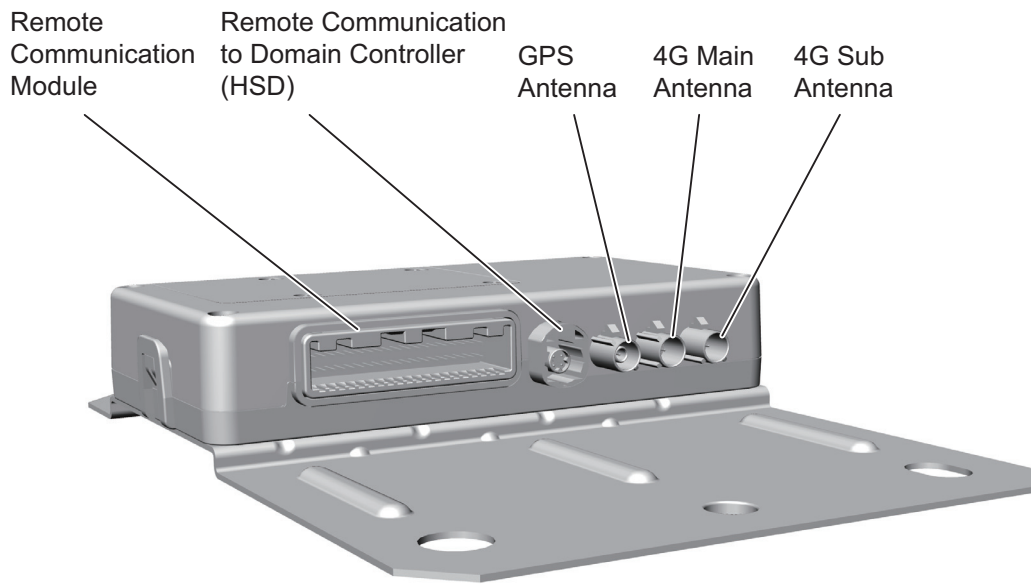
PIN	Definition	PIN	Definition
1-1	Power Supply	1-7	Front Left Door Tweeter and Woofer -
1-2	Power Supply	1-8	Front Left Door Tweeter and Woofer +
1-3	Ground	1-9	Tweeter RL -
1-4	Ground	1-10	Rear Left Full-range Speaker +
1-5	Front Right Door Tweeter and Woofer -	1-11	Rear Right Tweeter and Woofer/Full-range Speaker -
1-6	Front Right Door Tweeter and Woofer +	1-12	Rear Right Tweeter and Woofer/Full-range Speaker +

### Amplifier-2 (SONY) Terminal Definition

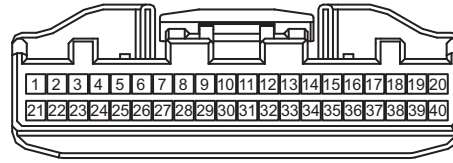
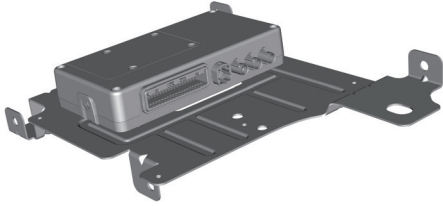


PIN	Definition	PIN	Definition
2-1	Center Speaker +	2-11	Center Speaker -
2-2	Left and Right Surround Sound +	2-12	Left and Right Surround Sound -
2-3	Sub Woofer 1 -	2-13	-
2-4	Sub Woofer 1 +	2-14	-
2-5	Sub Woofer 2 -	2-15	-
2-6	Sub Woofer 2 +	2-16	-
2-7	-	2-17	-
2-8	-	2-18	-
2-9	A2B Bus P Pin	2-19	CANL
2-10	A2B Bus N Pin	2-20	CANH

## Remote Communication Module

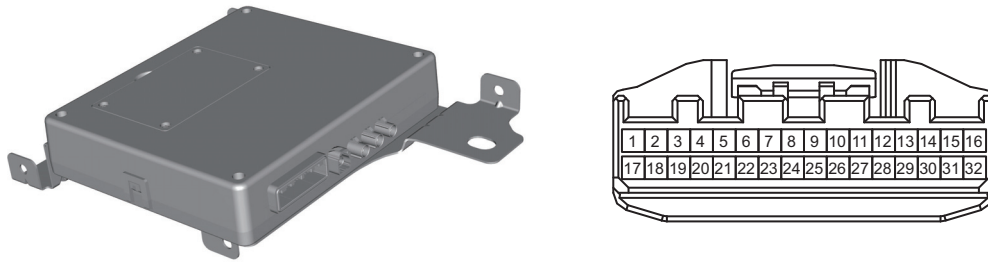


## Remote Communication Gateway Module 4G Terminal Definition



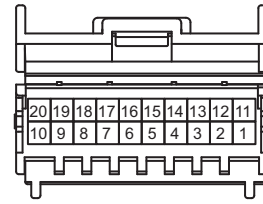
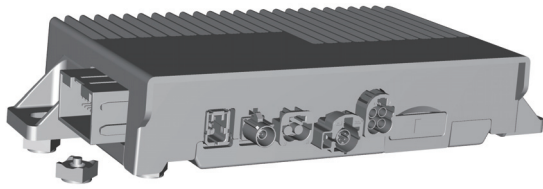
PIN	Definition	PIN	Definition
1	Power Supply	21	-
2	SOS Power Supply	22	-
3	Ground	23	-
4	LED Light Controlling SOS ON/OFF	24	-
5	MIC Shield Ground	25	MIC Output Signal
6	MIC Power Supply Input	26	MIC Ground
7	Audio Signal Shield Ground	27	-
8	Audio Signal+	28	Audio Signal -
9	-	29	-
10	ECALL Switch 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	CAN-H	39	CAN-L
20	Power Supply	40	Ground

## Remote Communication Gateway Module 5G Terminal Definition



PIN	Definition	PIN	Definition
1	SOS Green Indicator	17	Ground
2	Rear Left Center Radar Sensor Signal	18	MIC Ground
3	Rear Right Long Distance Ultrasonic Sensor Signal	19	MIC Power Supply Input
4	Front Right Long Distance Ultrasonic Sensor Signal	20	SOS Switch Power Supply
5	Front Right Radar Sensor Signal	21	I-CAN L
6	I-CAN H	22	SOS Signal
7	-	23	SOS Ground
8	-	24	Front Sensor Common Ground
9	-	25	SOS Red Indicator
10	-	26	SOS ON/OFF
11	-	27	Mute
12	-	28	LIN
13	-	29	-
14	-	30	-
15	-	31	Power Supply
16	Power Supply	32	Airbag Collision Signal

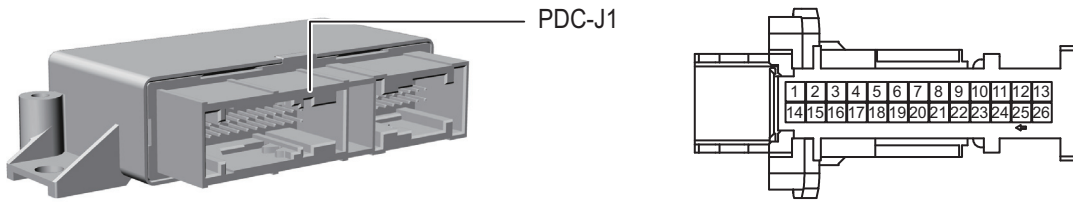
**Visual Controller CVBOX Terminal Definition**



PIN	Definition	PIN	Definition
1	Power Supply	11	-
2	I-CAN H	12	-
3	I-CAN L	13	-
4	Ground	14	-
5	-	15	-
6	Power Supply	16	-
7	-	17	-
8	OMS Power Supply Input	18	-
9	DMS Signal	19	-
10	-	20	-

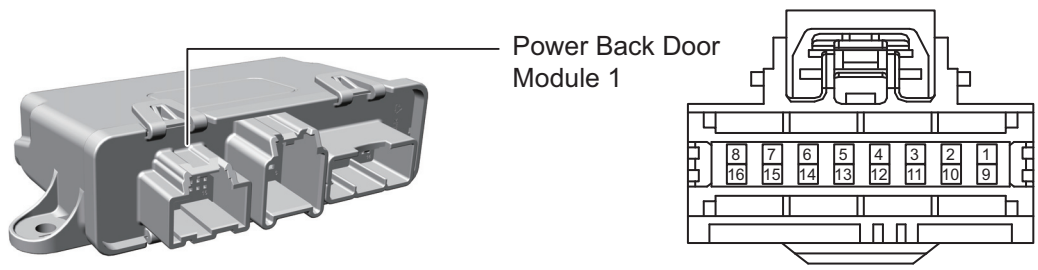


## Radar Control Module -1 Terminal Definition



PIN	Definition	PIN	Definition
1	-	14	Power Supply
2	-	15	-
3	-	16	-
4	-	17	-
5	-	18	Rear Radar Sensor Power Supply
6	Rear Left Outside Radar Sensor Signal	19	-
7	Rear Right Inside Radar Sensor Signal	20	Rear Left Inside Radar Sensor Signal
8	-	21	Rear Right Outside Radar Sensor Signal
9	-	22	Rear Radar Sensor Ground
10	-	23	CAN-L
11	-	24	CAN-H
12	-	25	-
13	Ground	26	-

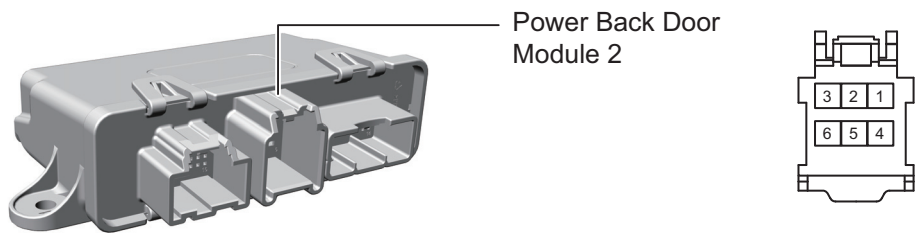
### Power Back Door Module -1 Terminal Definition



PIN	Definition	PIN	Definition
1	Left Side Jam Protection Signal	9	-
2	-	10	-
3	Back Door Closer Switch	11	-
4	Return Signal	12	-
5	Half Latch Signal	13	-
6	Full Latch Signal	14	-
7	CAN-L	15	CAN-H
8	Right Side Jam Protection Signal	16	Signal Ground

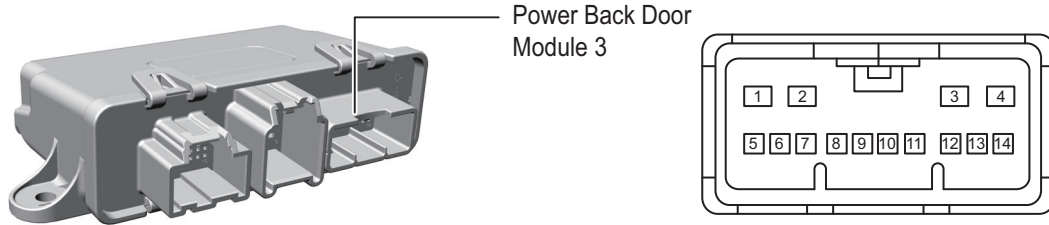
### Power Back Door Module-2 Terminal Definition

09



PIN	Definition	PIN	Definition
1	Back Door Lock Motor 2	4	Power Supply
2	Back Door Lock Motor 1	5	-
3	Power Supply	6	Ground

## Power Back Door Module-3 Terminal Definition



PIN	Definition	PIN	Definition
1	Support Motor ON	8	"Hall Sensor Power Supply" of Electric Support
2	Support Motor OFF	9	"Hall Signal 1" of Electric Support
3	-	10	"Hall Signal 2" of Electric Support
4	-	11	"Hall Sensor Ground" of Electric Support
5	-	12	-
6	-	13	-
7	-	14	-

## Left Blind Spot Detection Module Terminal Definition



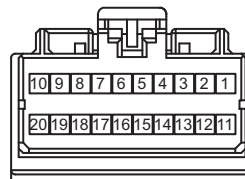
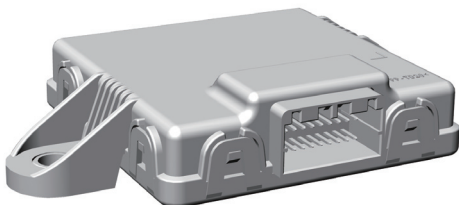
PIN	Definition	PIN	Definition
1	Special CAN-L	5	Ground
2	Special CAN-H	6	Body CAN-L
3	-	7	Body CAN-H
4	HMI Drive	8	Power Supply

### Right Blind Spot Detection Module Terminal Definition



PIN	Definition	PIN	Definition
1	Special CAN-L	5	Ground
2	Special CAN-H	6	Body CAN-L
3	Ground	7	Body CAN-H
4	HMI Drive	8	Power Supply

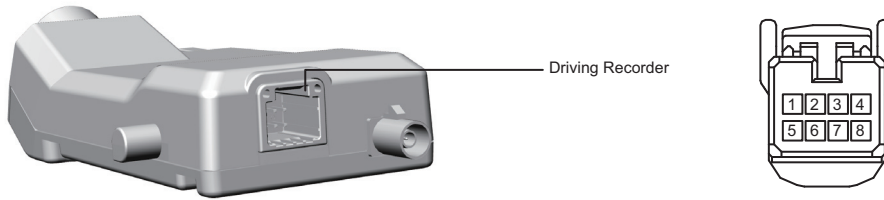
### Gateway Module Terminal Definition



09

PIN	Definition	PIN	Definition
1	Body CAN-H	11	Body CAN-L
2	Power CAN-H	12	Power CAN-L
3	Chassis CAN-H	13	Chassis CAN-L
4	-	14	-
5	Information Entertainment CAN-H	15	Information Entertainment CAN-L
6	Diagnosis CAN-H	16	Diagnosis CAN-L
7	-	17	LIN
8	-	18	Power Supply
9	-	19	Power Supply
10	-	20	Ground

## Drive Recorder Terminal Definition



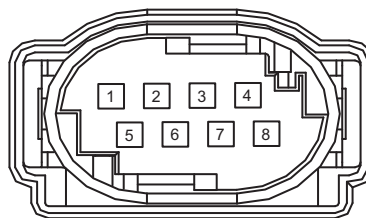
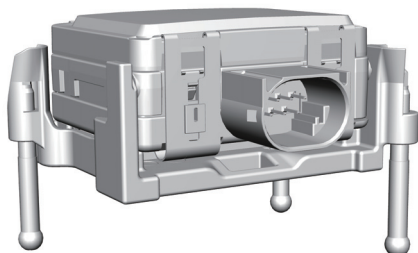
PIN	Definition	PIN	Definition
1	Battery Positive	5	Ground
2	IGN	6	-
3	CAN_H	7	CAN_L
4	-	8	-

## Head Up Display Terminal Definition



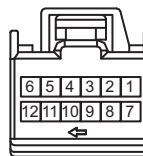
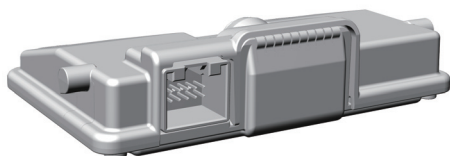
PIN	Definition	PIN	Definition
1	Ground	5	Power Supply
2	Power Supply	6	-
3	CAN_H	7	CAN_L
4	-	8	-

### Front Radar Module Terminal Definition



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

### Front Camera Terminal Definition



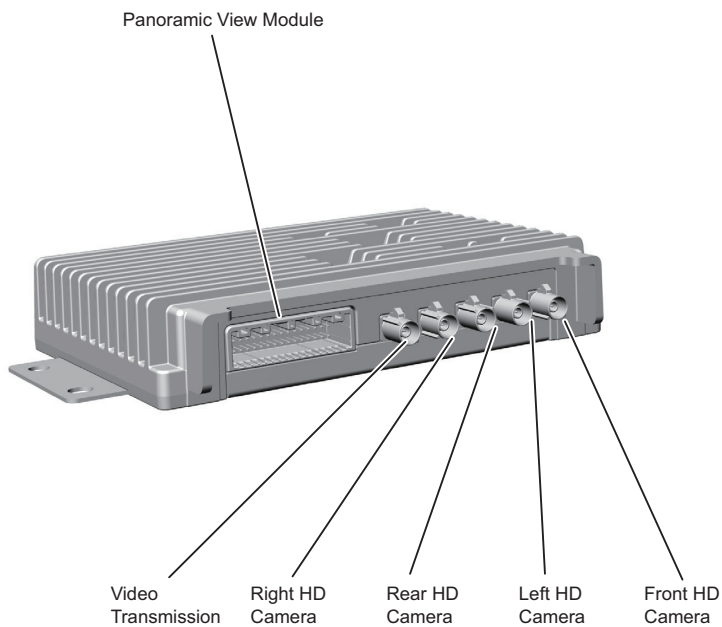
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PIN	Definition	PIN	Definition
1	Private CAN-L	7	Private CAN-H
2	CAN-L	8	CAN-H
3	Reserved	9	Power Supply
4	Front Windshield Heating (Reserved)	10	Windshield Heating_Ground (Reserved)
5	Ground	11	/
6	KL15	12	/

**Multi-function Camera Terminal Definition**

PIN	Definition	PIN	Definition
1	-	11	-
2	-	12	Power Supply
3	-	13	CAN1_L
4	-	14	CAN1_H
5	Power Supply	15	-
6	Ground	16	-
7	C-CAN L	17	-
8	C-CAN H	18	-
9	CAN L	19	CAN1_L
10	CAN H	20	CAN1_H

## Panoramic View Controller



## Panoramic View Controller Terminal Definition

09

PIN	Definition	PIN	Definition
1	CANL	17	-
2	CANH	18	-
3	-	19	-
4	-	20	-
5	-	21	-
6	-	22	-
7	-	23	-

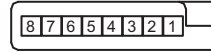
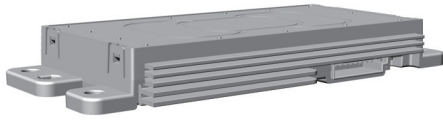


PIN	Definition	PIN	Definition
8	-	24	-
9	-	25	-
10	-	26	-
11	-	27	-
12	B-CANH	28	B-CANL
13	Power Supply	29	-
14	Ground	30	Ground
15	-	31	-
16	Power Supply	32	Power Supply

### FAPA Control Module B Terminal Definition

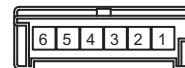
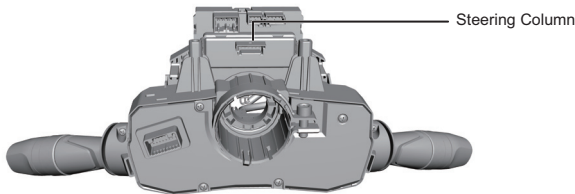
PIN	Definition	PIN	Definition
1	Rear Right Radar Sensor Signal	11	Radar Sensor RL
2	MIC Output Signal	12	Rear Left Long Distance Ultrasonic Sensor
3	MIC Shield Ground	13	Front Left Long Distance Ultrasonic Sensor Signal
4	Audio Domain Controller A Signal +	14	Front Right Center Radar Sensor Signal
5	Audio Domain Controller A Signal -	15	Front Left Radar Sensor Signal
6	Front Left Center Radar Sensor Signal	16	-
7	-	17	Rear Sensor Common Ground
8	Rear Sensor Power Supply	18	Front Sensor Common Ground
9	Front Sensor Power Supply	19	-
10	Rear Right Center Radar Sensor Signal	20	-

### 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	-

### Steering Angle Sensor Module Terminal Definition

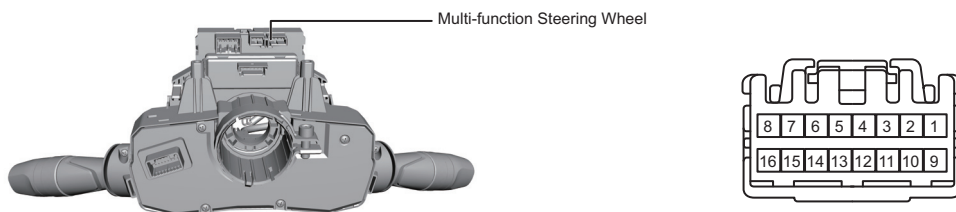


09

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

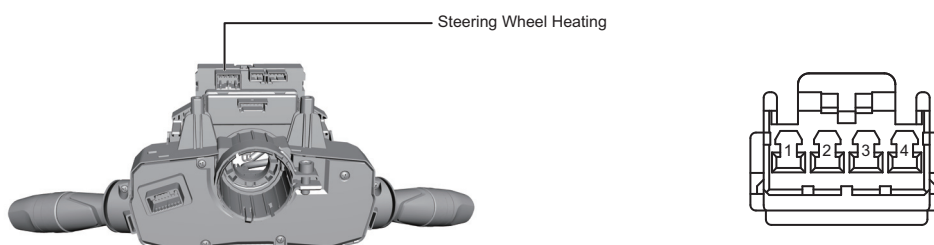
## Multi-function Steering Wheel Terminal Definition

Multi-function Steering Wheel (SCM-SRC Combination Switch 3) Connector 1 (16PIN) Terminal Definition



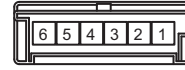
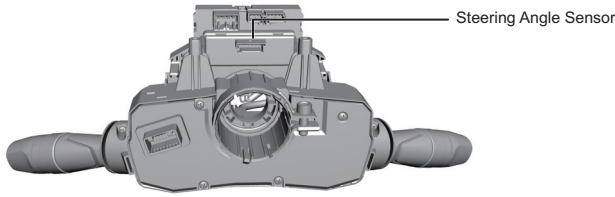
PIN	Definition	PIN	Definition
1	Airbag +	9	Airbag -
2	-	10	Power Supply
3	-	11	Multi-function Switch LIN
4	-	12	Ground
5	-	13	-
6	-	14	Battery-
7	-	15	-
8	-	16	-

Multi-function Steering Wheel (SCM-SRC) Connector 2 (4PIN) Terminal Definition



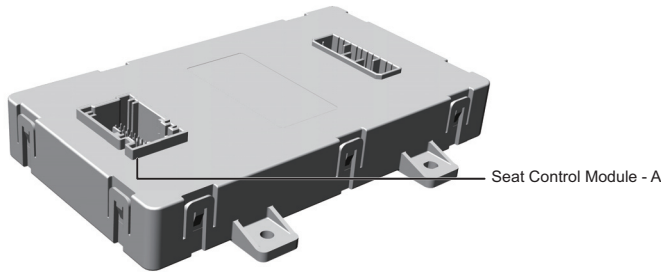
PIN	Definition	PIN	Definition
1	Ground	2	Power Supply

## Steering Angle Sensor



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

## Seat Control Module -A Terminal Definition

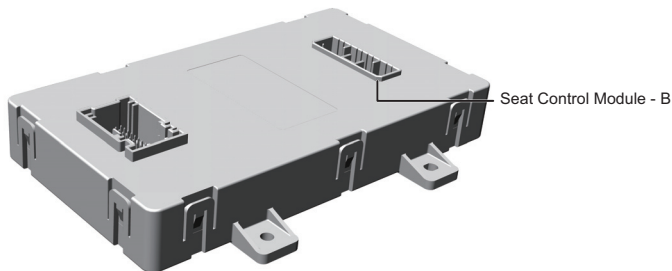


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PIN	Definition	PIN	Definition
1	15 Power Detection	27	-
2	Front Left Seat Height Adjustment Switch	28	-
3	Front Left Seat Front-Back Adjustment Switch	29	-
4	Front Left Seatback Adjustment Switch	30	-
5	Front Left Seat Cushion Adjustment Switch	31	-
6	-	32	-
7	-	33	Seat Height HALL Signal
8	-	34	Seat Horizontal HALL Signal
9	-	35	Seatback HALL Signal
10	-	36	Seat Cushion HALL Signal
11	-	37	-

PIN	Definition	PIN	Definition
12	-	38	-
13	-	39	-
14	-	40	-
15	-	41	-
16	Front Right Seat NTC Feedback	42	Front Left Seat Cushion Ventilation
17	Front Left Seat NTC Feedback	43	Front Right Seat Cushion Ventilation
18	-	44	Seat HALL Signal Ground
19	Switch Ground	45	Front Left Seat NTC Ground
20	-	46	Front Right Seat NTC Ground
21	-	47	CANH
22	-	48	CANL
23	-	49	-
24	-	50	-
25	-	51	-
26	-	52	-

### Seat Control Module -B Terminal Definition

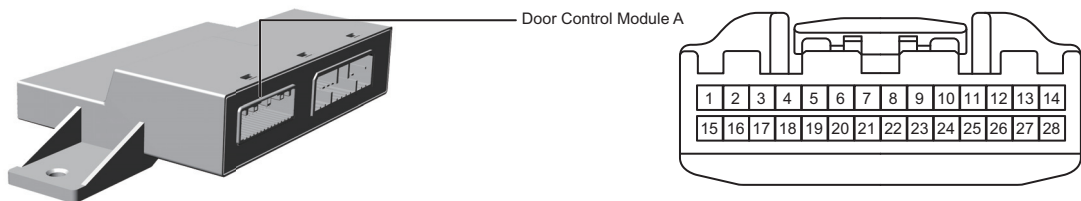


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PIN	Definition	PIN	Definition
1	Front Right Seat Heating Ground	11	Front Left Seatback/Cushion Adjustment Common Terminal
2	-	12	Front Left Seatback Adjustment
3	-	13	Front Left Seat Cushion Adjustment
4	-	14	Power Supply
5	-	15	Ground
6	-	16	Ground
7	-	17	Power Supply
8	Front Left Seat Heating Ground	18	Front Left Seat Height Adjustment
9	Front Left Seat Heating Output	19	Front Left Seat Front-back Adjustment

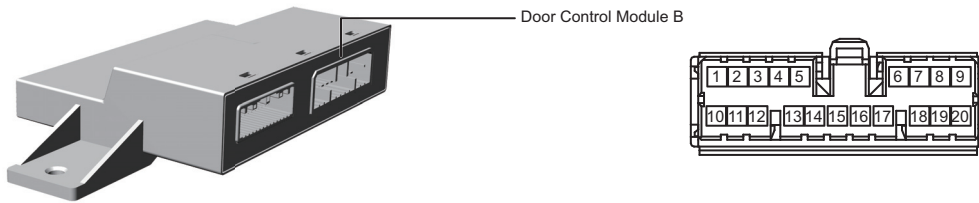
PIN	Definition	PIN	Definition
10	Front Right Seat Heating Output	20	Front Left Height/Front-back Adjustment Common Terminal

**Door Control Module A Terminal Definition**



PIN	Definition	PIN	Definition
1	-	15	Left Rear View Mirror Upper and Lower Position Signal
2	-	16	Left Rear View Mirror Left and Right Position Signal
3	Right Rear View Mirror Upper and Lower Position Signal	17	CAN-H
4	Right Rear View Mirror Left and Right Position Signal	18	CAN-L
5	-	19	-
6	-	20	Ground
7	IGN Power Supply	21	Sensor Ground
8	-	22	-
9	-	23	-
10	-	24	Rear View Mirror Position Sensor Power Supply
11	-	25	-
12	-	26	-
13	-	27	-
14	-	28	-

## Door Control Module B Terminal Definition



PIN	Definition	PIN	Definition
1	-	11	Ground
2	-	12	Ground
3	Blind Spot Detection Output	13	Right Rear View Mirror Adjustment Common End
4	-	14	Right Rear View Mirror Horizontal Adjustment
5	-	15	Right Rear View Mirror Vertical Adjustment
6	Rear Right Door Panel Warning Light	16	Power Supply
7	-	17	Rear Left Door Panel Warning Light
8	-	18	Left Rear View Mirror Vertical Adjustment
9	Power Supply	19	Left Rear View Mirror Horizontal Adjustment
10	-	20	Left Rear View Mirror Adjustment Common End

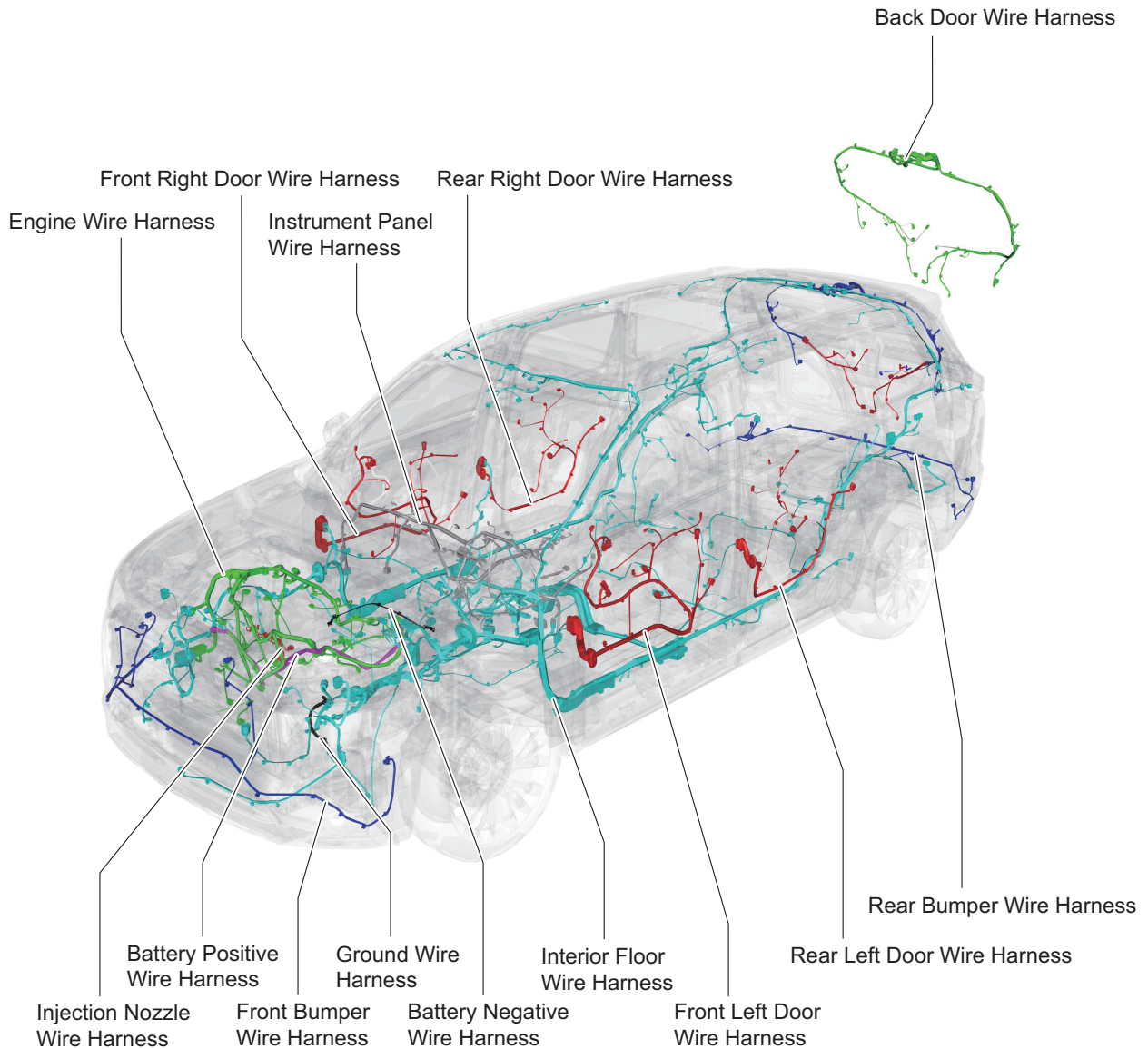
# Wire Harness Location Diagram

## 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

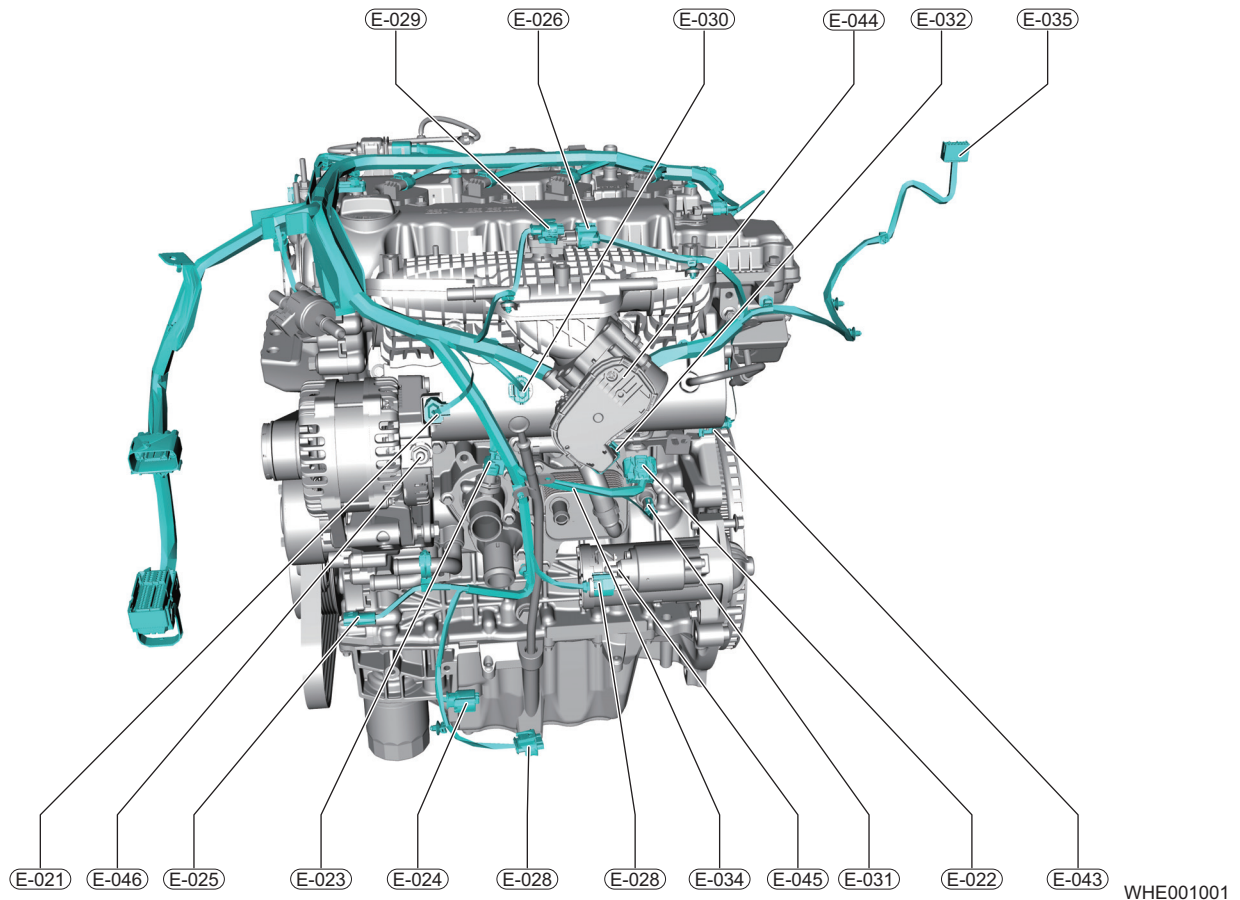


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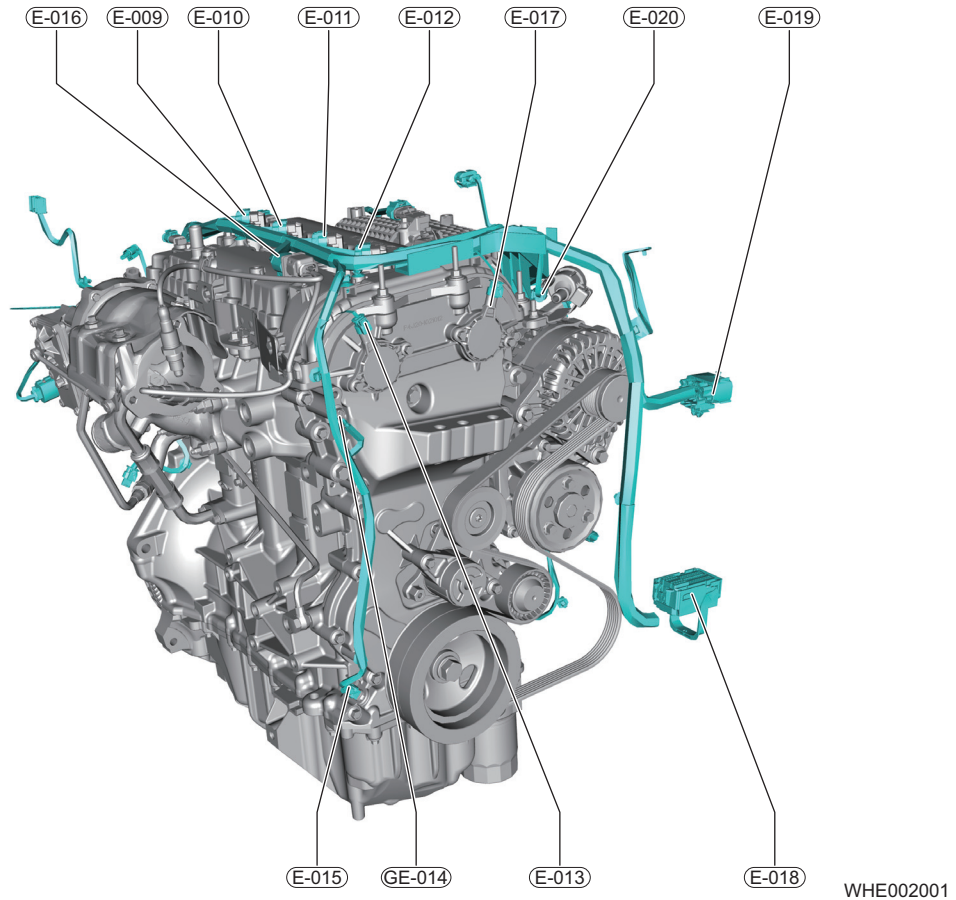
WHE000001



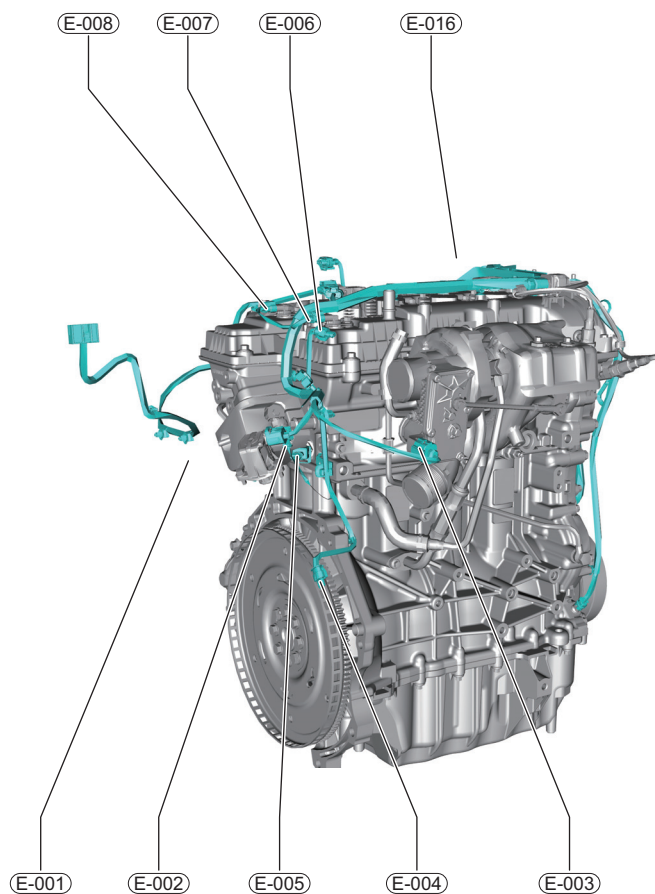
## Engine Wire Harness



Connector Number	Connector Color/Pin	Connector Name
E-021	B/2	Alternator Excitation
E-022	B/10	Engine Wire Harness to Injection Nozzle Wire Harness Interface
E-023	Gr/2	Electronic Thermostat
E-024	B/2	Compressor Clutch SW
E-025	/4	Boost Pressure Sensor
E-026	B/3	Knock Sensor
E-028	B/2	External Control Compressor Solenoid Valve
E-029	B/3	Canister Desorption Pressure Sensor
E-030	B/3	Fuel Rail Pressure Sensor
E-031	B/1	Oil Pressure Sensor
E-032	B/6	Electronic Throttle
E-034	/2	Water Temp Sensor 2
E-035	W/12	Engine Compartment Fuse and Relay Box Connector D
E-043	/1	PFB-ST
E-044	/1	Starter 1
E-045	/1	Starter 2
E-046	/1	Generator



Connector Number	Connector Color/Pin	Connector Name
E-009	B/4	IGN Coil 4
E-010	B/4	IGN Coil 3
E-011	B/4	IGN Coil 2
E-012	B/4	IGN Coil 1
E-013	B/2	Exhaust Phase Solenoid Valve
GE-014	/1	
E-015	B/2	Variable Oil Pump
E-016	B/6	Upstream Oxygen Sensor
E-017	B/2	Intake Phase Solenoid Valve
E-018	B/95	ECU-A
E-019	B/44	Engine Wire Harness to Interior Floor Wire Harness Interface 4
E-020	B/2	Canister Solenoid Valve



WHE003001

Connector Number	Connector Color/Pin	Connector Name
E-001	B/2	ERCV Pressure 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	Water Temp Sensor 1
E-006	/2	Crankcase Ventilation Heating Valve
E-007	B/3	Intake Camshaft Phase Sensor
E-008	B/3	Exhaust Camshaft Phase Sensor
E-016	B/6	Upstream Oxygen Sensor

10

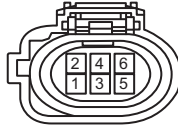
# Engine Wire Harness Connector List



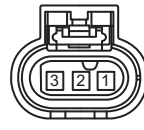
**(E-001)**  
B ERCV Pressure Relief Valve



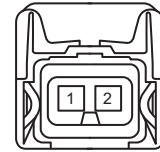
**(E-002)**  
B High Pressure Fuel Pump



**(E-003)**  
Br Electronic Exhaust Valve



**(E-004)**  
B Speed Sensor



**(E-005)**  
B Water Temperature Sensor 1



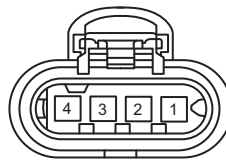
**(E-006)**  
B Crankcase Ventilation Heating Valve



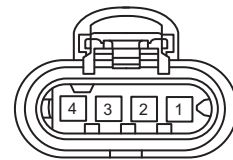
**(E-007)**  
B Intake Camshaft Phase Sensor



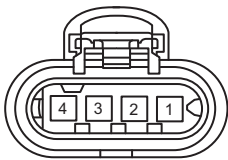
**(E-008)**  
B Exhaust Camshaft Phase Sensor



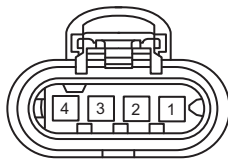
**(E-009)**  
B Ignition Coil 4



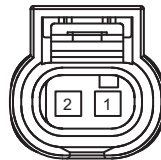
**(E-010)**  
B Ignition Coil 3



**(E-011)**  
B Ignition Coil 2



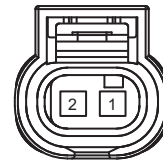
**(E-012)**  
B Ignition Coil 1



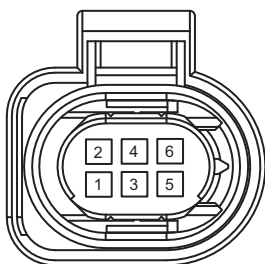
**(E-013)**  
B Exhaust Phase Solenoid Valve



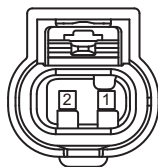
**(GE-014)**  
Ground



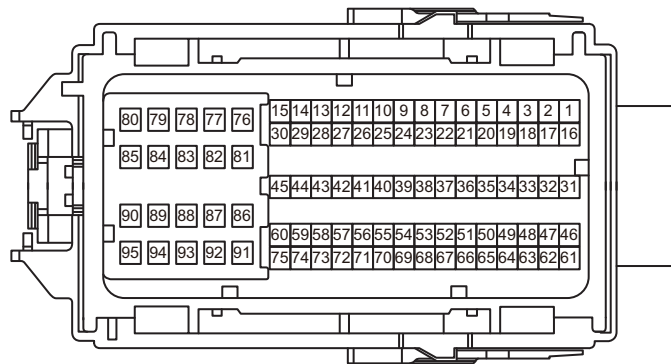
**(E-015)**  
B Variable Oil Pump



**(E-016)**  
B Upstream Oxygen Sensor



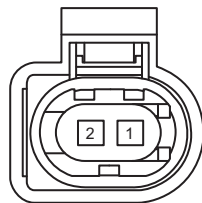
**(E-017)**  
B Intake Phase Solenoid Valve



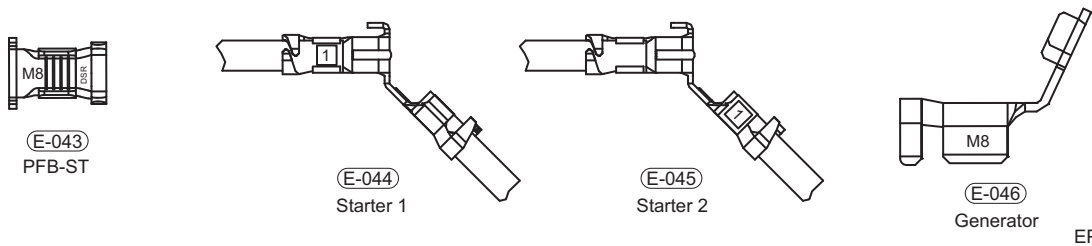
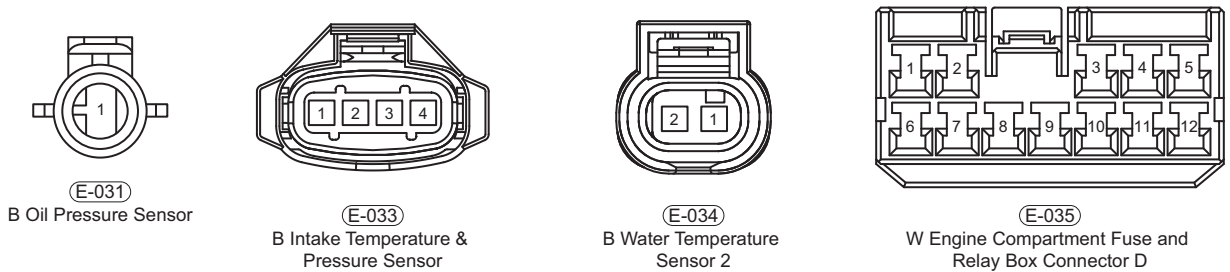
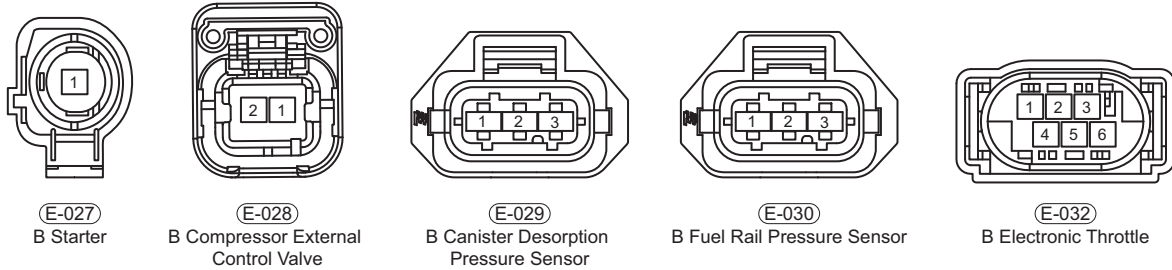
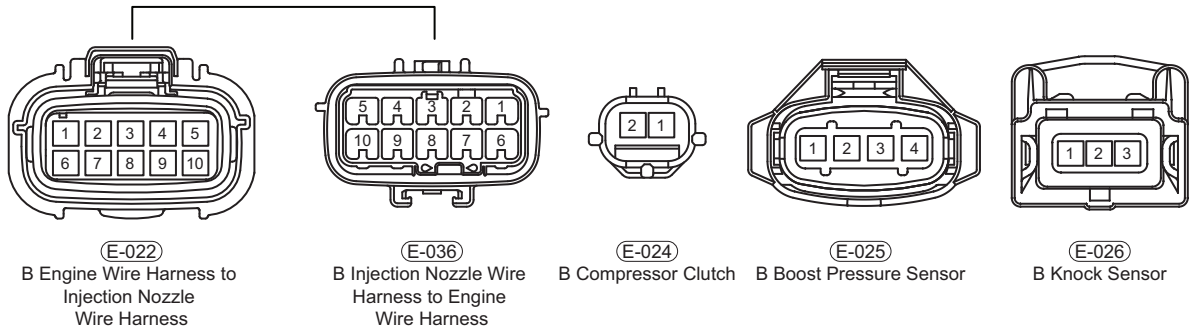
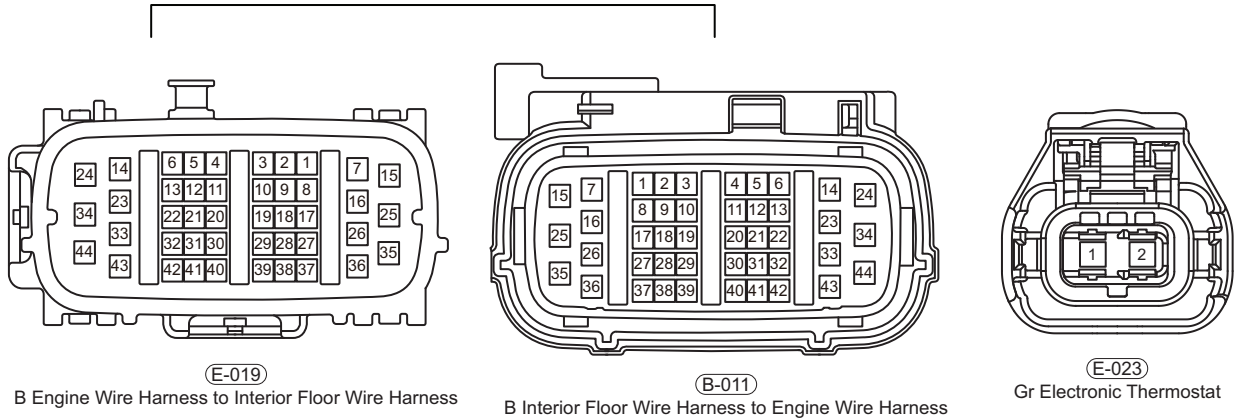
**(E-018)**  
B  
ECU-B



**(E-020)**  
B Charcoal Canister Solenoid Valve

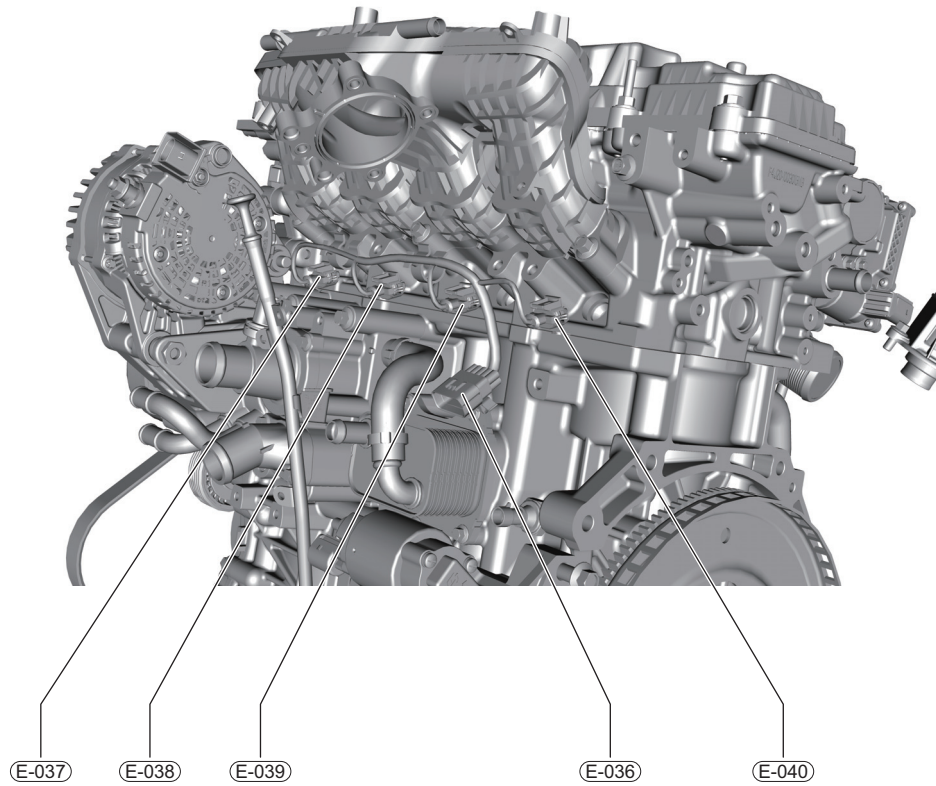


**(E-021)**  
B Generator Excitation



EPU002001

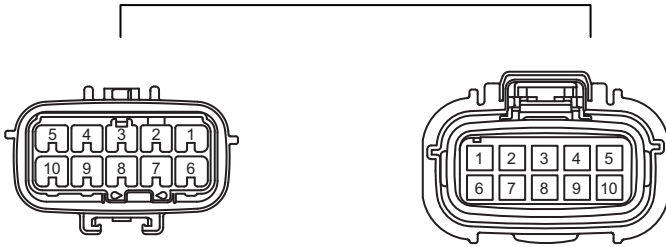
## Injection Nozzle Wire Harness



WHE004001

Connector Number	Connector Color/Pin	Connector Name
E-036	B/10	Injection Nozzle Wire Harness 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

# Injection Nozzle Wire Harness Connector List

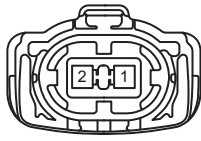


(E-036)  
B Injection Nozzle Wire Harness to  
Engine Wire Harness Interface

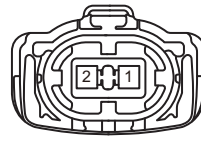
(E-022)  
B Engine Wire Harness to Injection Nozzle  
Wire Harness Interface



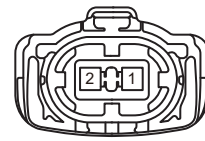
(E-037)  
B Fuel Injector 1



(E-038)  
B Fuel Injector 2



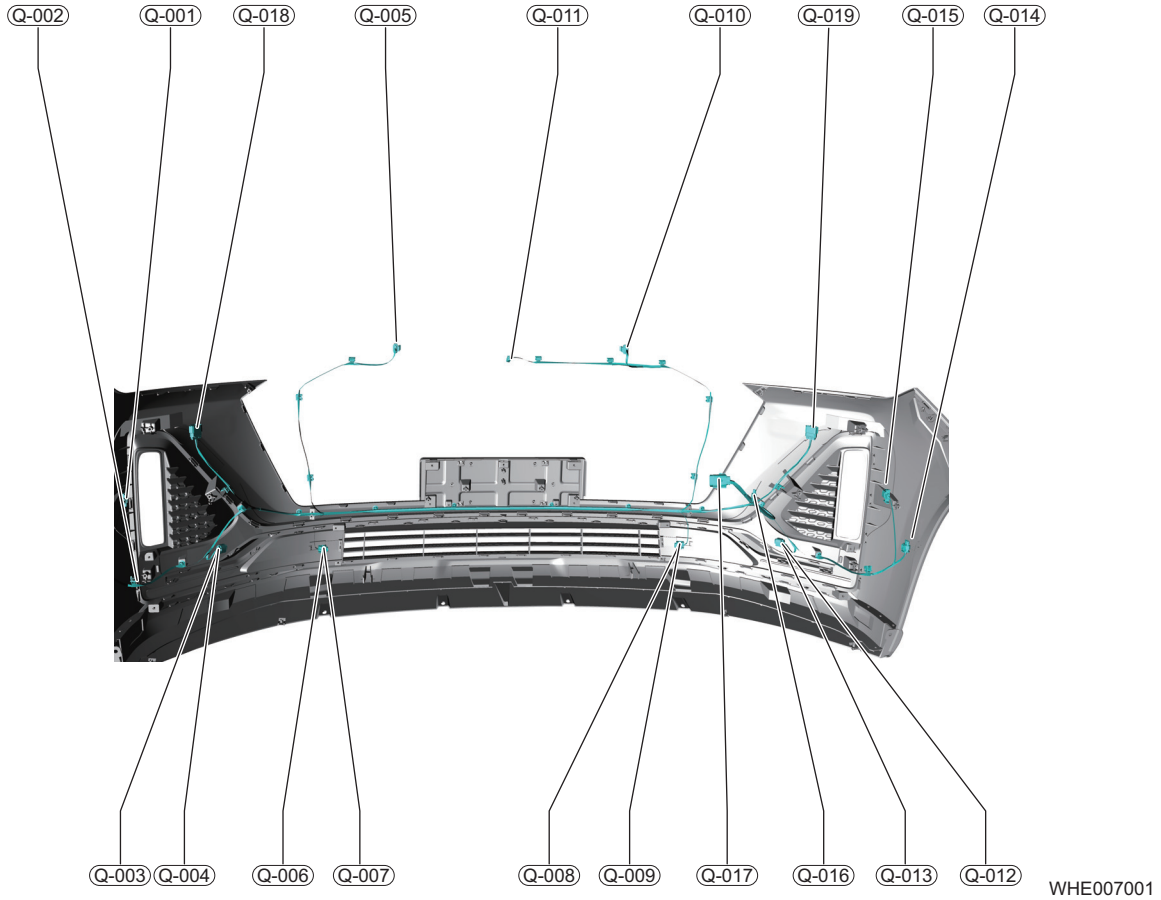
(E-039)  
B Fuel Injector 3



(E-040)  
B Fuel Injector 4



## Front Bumper Wire Harness

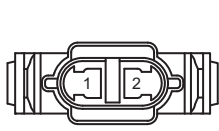


Connector Number	Connector Color/Pin	Connector Name
Q-001	B/2	Fog Light FL
Q-002	B/3	Front Left Long Distance Ultrasonic Sensor (APA)
Q-003	B/3	Front Left Radar Sensor (APA)
Q-004	B/3	Front Left Radar Sensor (PDC)
Q-005	B/3	Front Left Position Light
Q-006	B/3	Front Left Center Radar Sensor (APA)
Q-007	B/3	Front Left Center Radar Sensor (PDC)
Q-008	B/3	Front Right Center Radar Sensor (APA)
Q-009	B/3	Front Right Center Radar Sensor (PDC)
Q-010	B/3	Front Right Position Light
Q-011	/1	Front HD Camera
Q-012	B/3	Front Right Radar Sensor (PDC)
Q-013	B/3	Front Right Radar Sensor (APA)
Q-014	B/3	Front Right Long Distance Ultrasonic Sensor (APA)
Q-015	B/2	Fog Light FR
Q-016	B/1	Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)



Connector Number	Connector Color/Pin	Connector Name
Q-017	B/26	Front Bumper Wire Harness to Interior Floor Wire Harness Interface

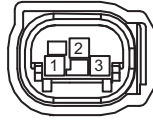
## Front Bumper Wire Harness Connector List



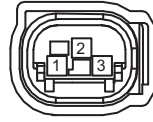
Q-001  
B Front Left Fog Light



Q-002  
B Front Left Long Distance Ultrasonic Sensor (APA)



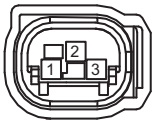
Q-003  
B Front Left Radar Sensor (APA)



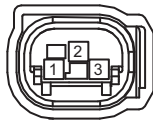
Q-004  
B Front Left Radar Sensor (PDC)



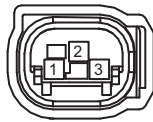
Q-005  
B Front Left Position Light



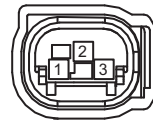
Q-006  
B Front Left Center Radar Sensor (APA)



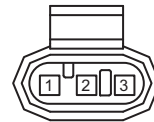
Q-007  
B Front Left Center Radar Sensor (PDC)



Q-008  
B Front Right Center Radar Sensor (APA)



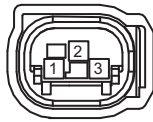
Q-009  
B Front Right Center Radar Sensor (PDC)



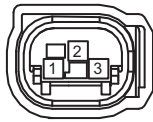
Q-010  
B Front Right Position Light



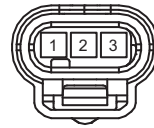
Q-011  
Front HD Camera



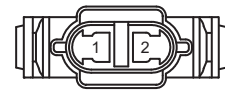
Q-012  
B Front Right Radar Sensor (PDC)



Q-013  
B Front Right Radar Sensor (APA)



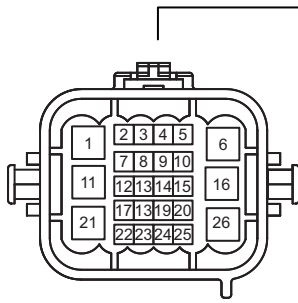
Q-014  
B Front Right Long Distance Ultrasonic Sensor (APA)



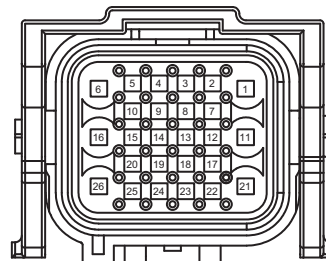
Q-015  
B Front Right Long Distance Ultrasonic Sensor (APA)



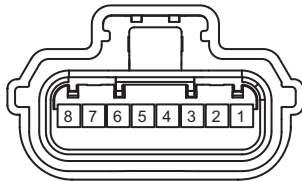
Q-016  
B Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)



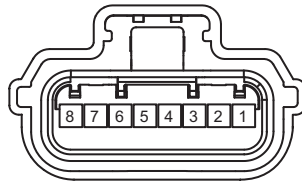
Q-017  
B Front Bumper Wire Harness to Interior Floor Wire Harness Interface



B-008  
B Interior Floor Wire Harness to Front Bumper Wire Harness



Q-018  
B Radar FL

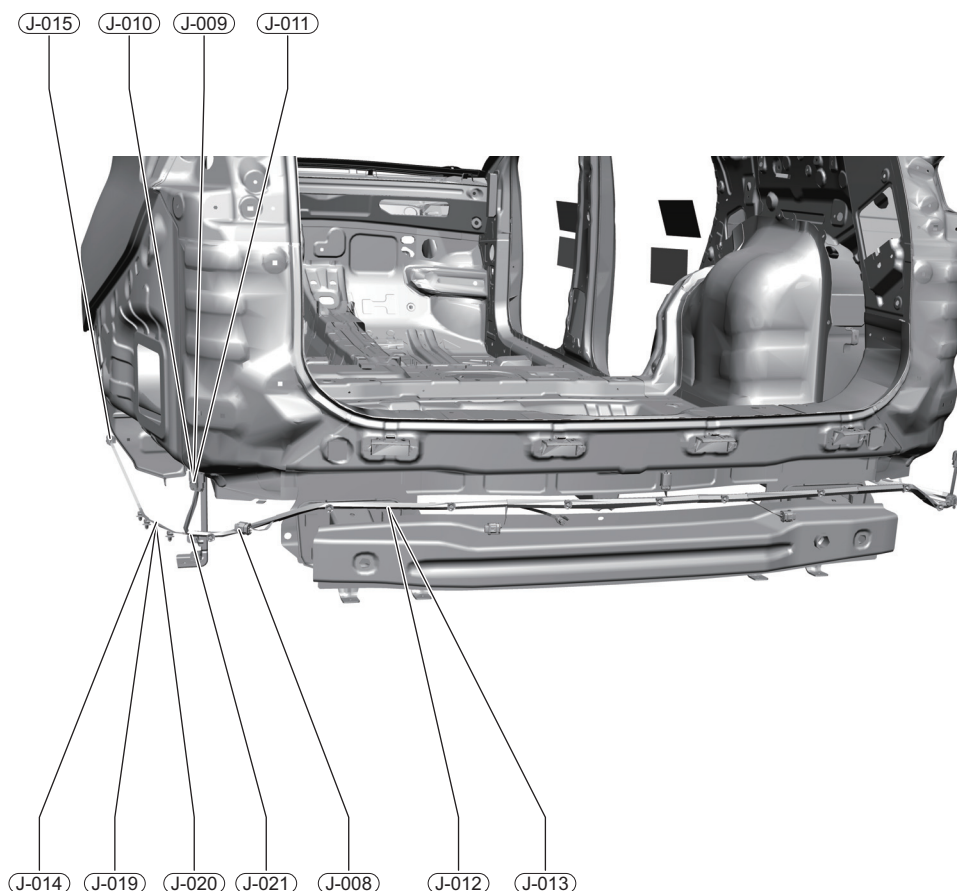


Q-019  
B Radar FR

10

EPU006001

## Rear Bumper Wire Harness

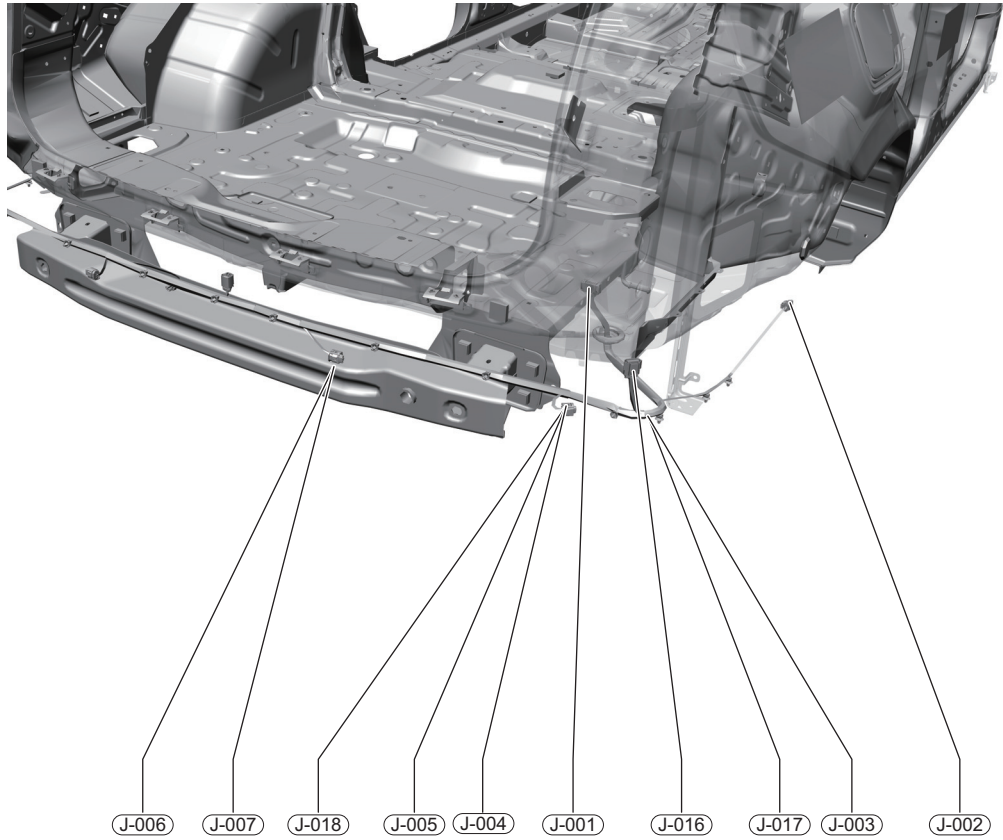


WHE008001

Connector Number	Connector Color/Pin	Connector Name
J-006	B/3	Rear Right Center Radar Sensor (APA)
J-007	B/3	Rear Right Center Radar Sensor (PDC)
J-008	B/4	PEPS Antenna (Rear Bumper)
J-009	B/3	Rear Left Center Radar Sensor (APA)
J-010	B/3	Rear Left Center Radar Sensor (PDC)
J-011	B/2	Rear Fog Light
J-014	B/8	Left Blind Spot Detection Module
J-015	B/3	Rear Left Long Distance Ultrasonic Sensor (APA)
J-019	/8	Corner Radar RL
J-020	/10	Left Blind Spot Detection Module
J-021	/4	Bluetooth Module

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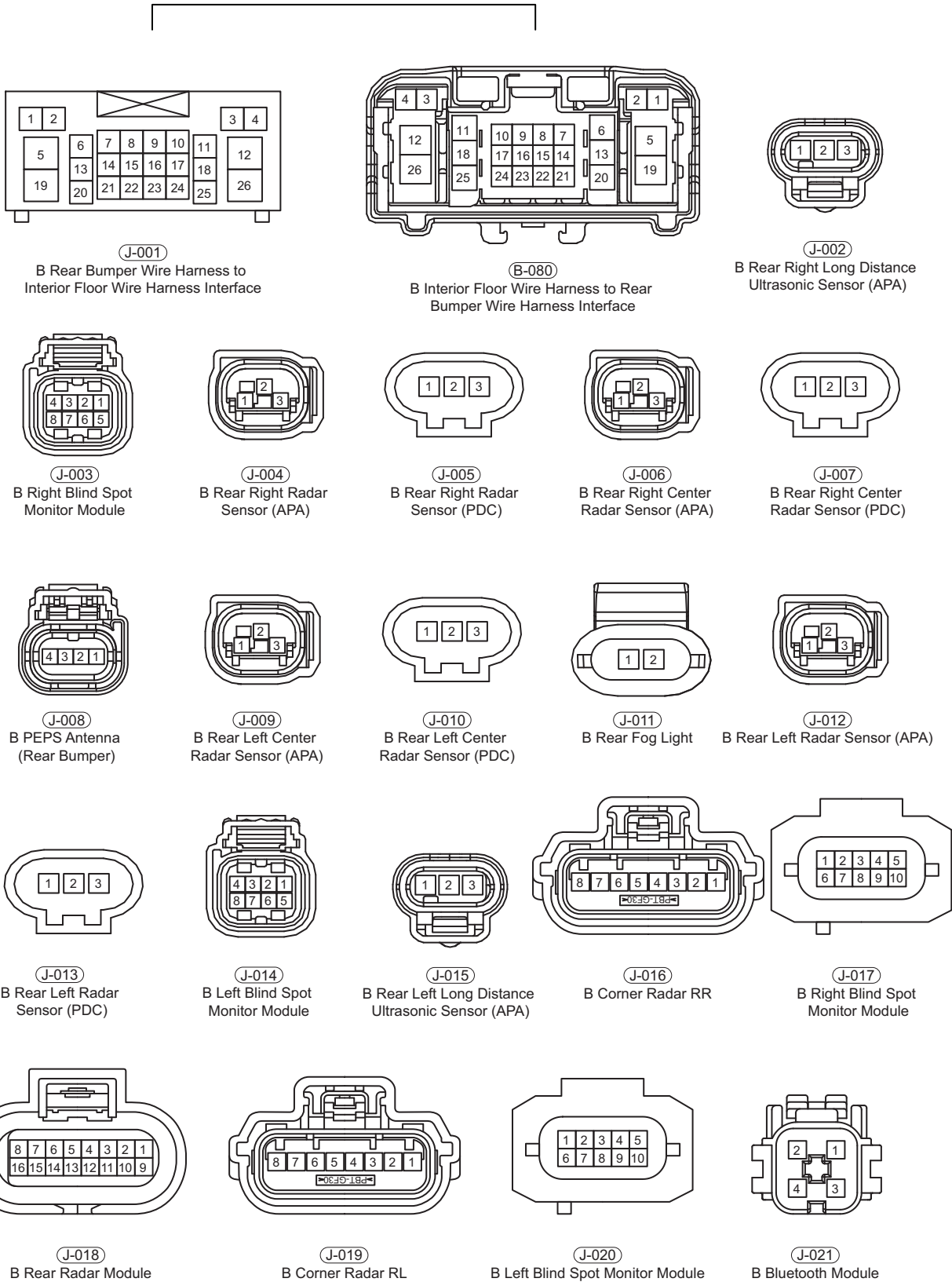
## Rear Bumper Wire Harness



WHE008002

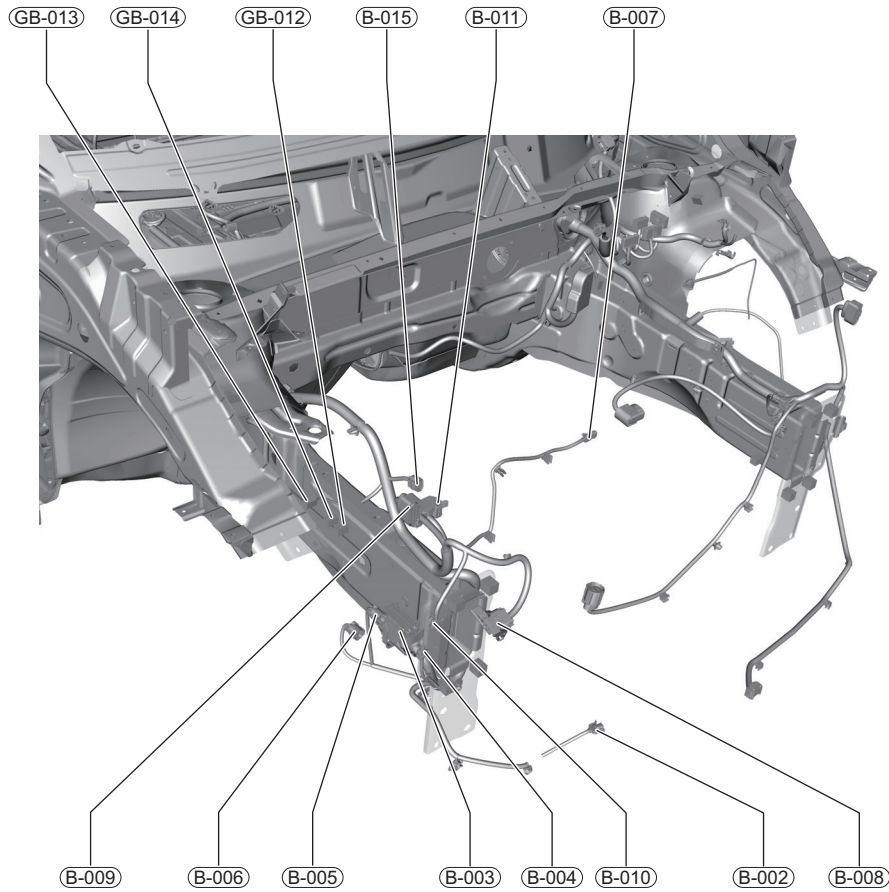
Connector Number	Connector Color/Pin	Connector Name
J-001	B/26	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface
J-002	B/3	Rear Right Long Distance Ultrasonic Sensor (APA)
J-003	B/8	Right Blind Spot Detection Module
J-004	B/3	Rear Right Radar Sensor (APA)
J-005	B/3	Rear Right Radar Sensor (PDC)
J-006	B/3	Rear Right Center Radar Sensor (APA)
J-007	B/3	Rear Right Center Radar Sensor (PDC)
J-016	/8	Corner Radar RR
J-017	/10	Right Blind Spot Detection Module
J-018	/16	Rear Radar Module

# Rear Bumper Wire Harness Connector List



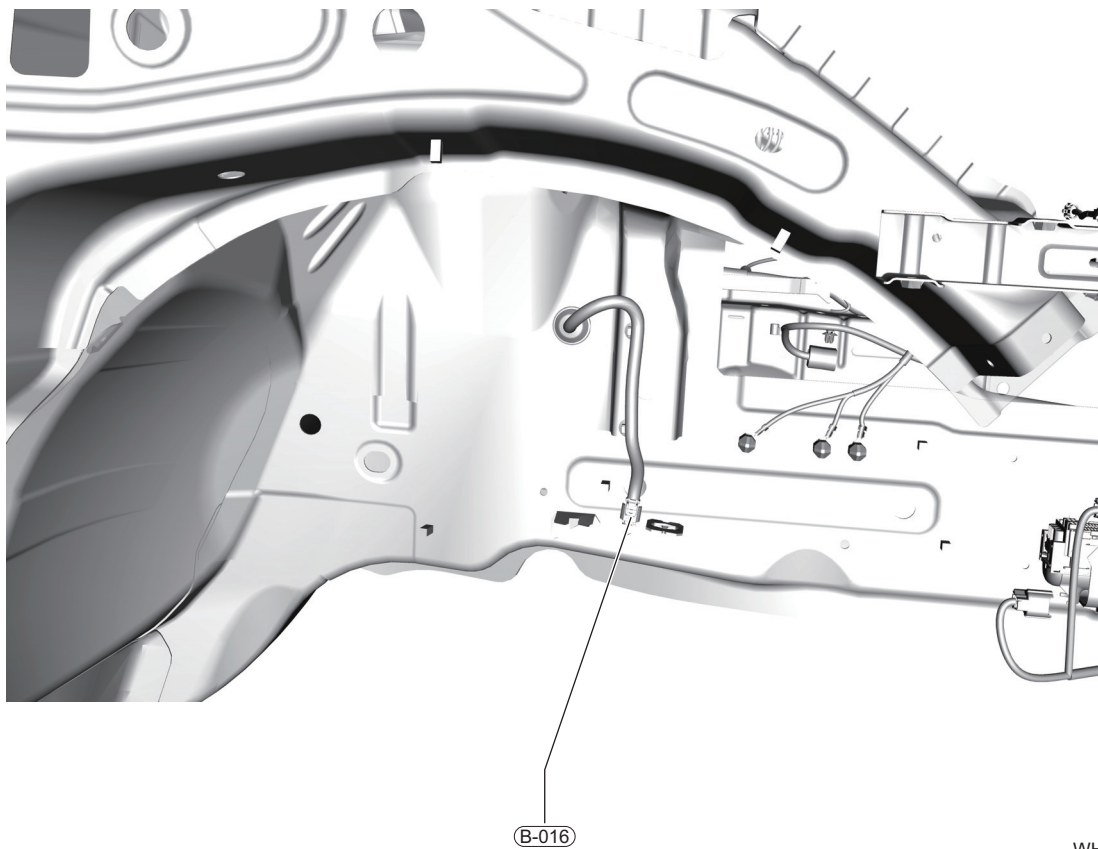
EPU007001

Interior Wire Harness



WHE009001

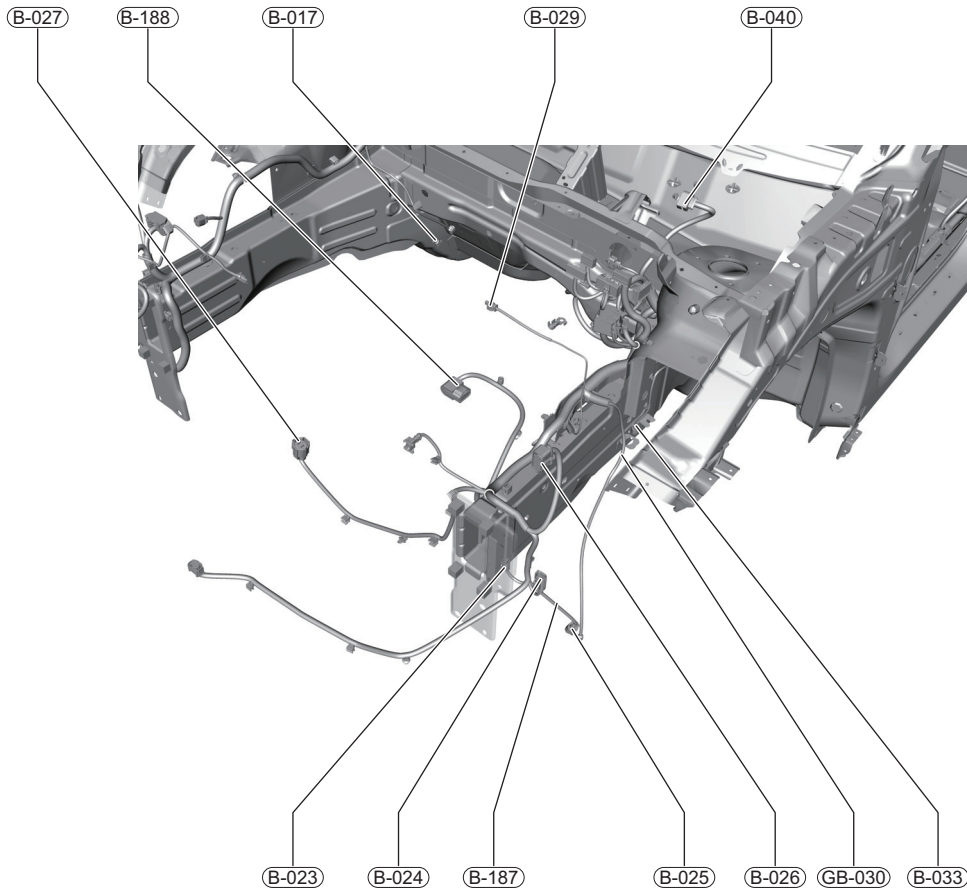
Connector Number	Connector Color/Pin	Connector Name
B-002	B/2	Ambient Temperature Sensor
B-003	B/103	ECU-A
B-004	B/2	Front Right Collision Sensor
B-005	Gr/2	Low Pitched Horn
B-006	Gr/2	High Pitched Horn
B-007	W/2	Engine Compartment Contact SW
B-008	B/26	Interior Floor Wire Harness to Front Bumper Wire Harness
B-009	B/14	Front Right Headlight Assembly
B-010	/1	Front HD Camera Interface
B-011	B/30	Interior Floor Wire Harness to Engine Wire Harness
GB-012	/1	G06
GB-013	/1	G07
GB-014	/1	G05
B-015	B/3	A/C Pressure Sensor



WHE010001

Connector Number	Connector Color/Pin	Connector Name
B-016	B/2	Wheel Speed Sensor FR

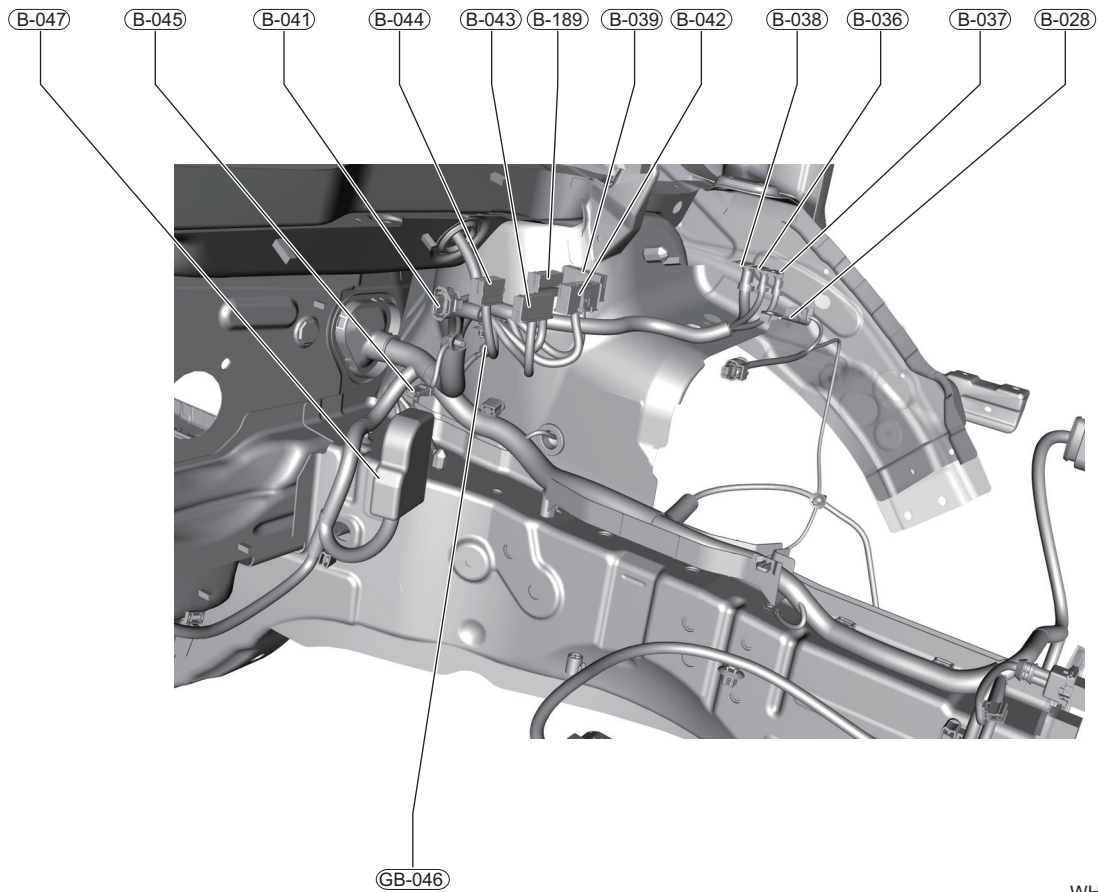




WHE011001

Connector Number	Connector Color/Pin	Connector Name
B-017	B/3	Low Pressure Fuel Pressure Sensor
B-023	B/2	Front Left Collision Sensor
B-024	B/2	Electric Vacuum Pump
B-025	B/2	Front Washer Pump
B-026	B/14	Front Left Headlight Assembly
B-027	B/4	Cooling Fan
B-029	B/2	Battery Sensor
GB-030	/1	Transmission Ground
B-033	B/2	Wheel Speed Sensor FL
B-040	B/4	Front Wiper Motor
B-187	/2	Washer Reservoir Fluid Level Sensor
B-188	/16	Transmission Control Module (TCU 8AT)

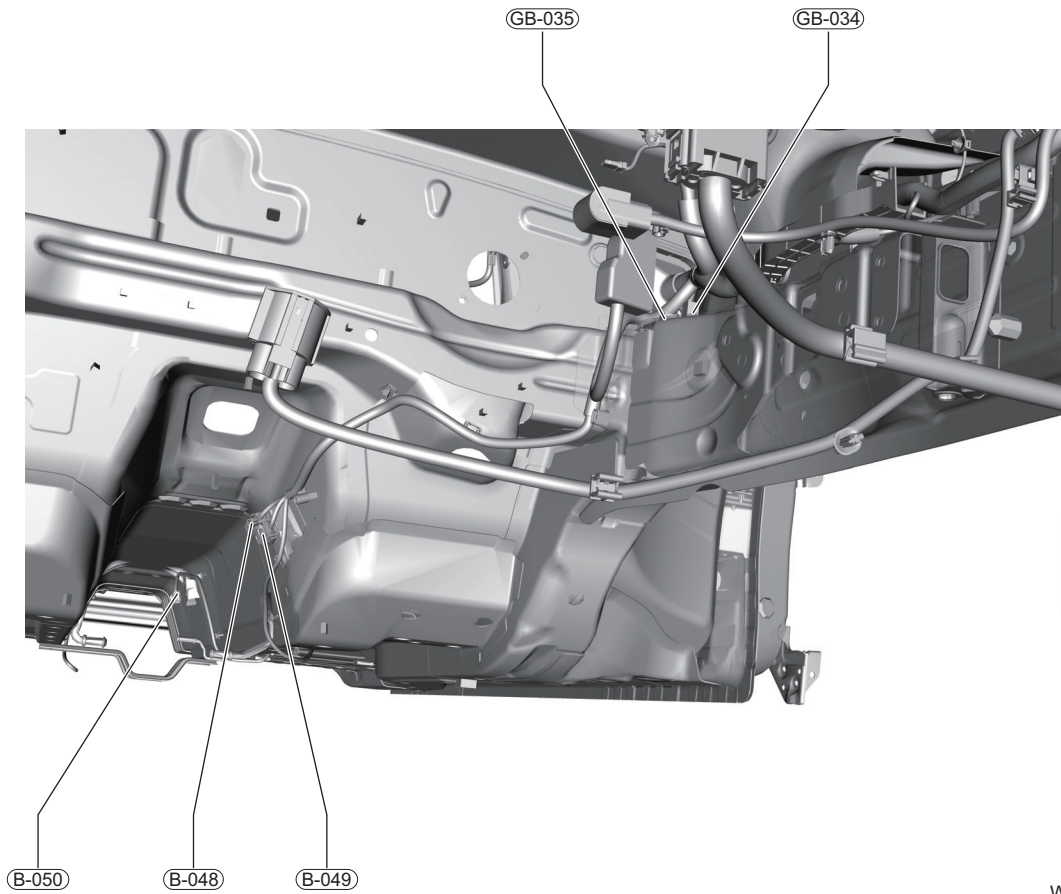




WHE012001

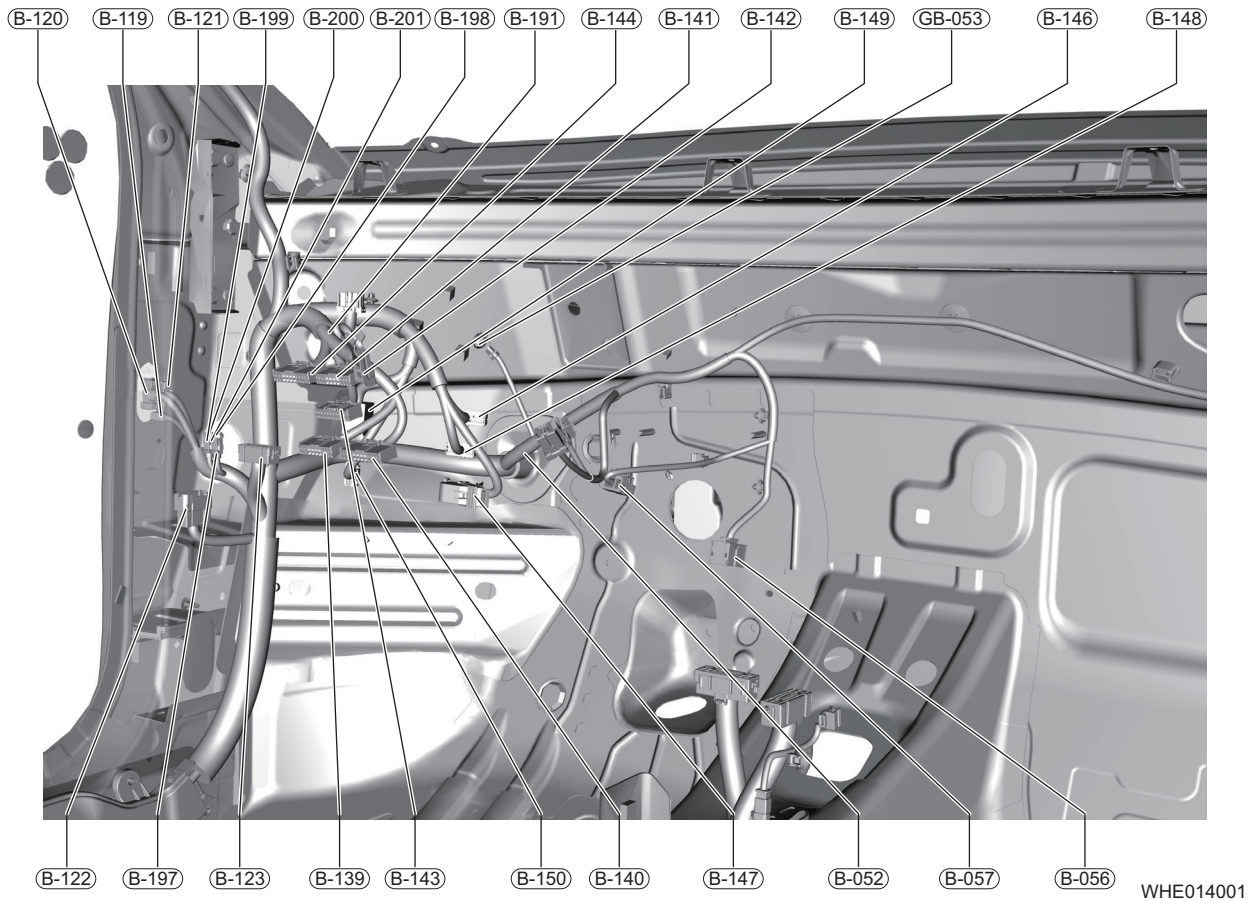
Connector Number	Connector Color/Pin	Connector Name
B-028	/1	Battery Sensor Power
B-036	/1	EPS Power Supply
B-037	/1	Cooling Fan Power Supply
B-038	/1	IP F/R Box Power Supply
B-039	W/14	Engine Compartment Fuse and Relay Box A
B-041	Gr/3	Brake Vacuum Pressure Sensor
B-042	W/18	Engine Compartment Fuse and Relay Box B
B-043	W/40	Engine Compartment Fuse and Relay Box F
B-044	W/14	Engine Compartment Fuse and Relay Box C
B-045	B/2	Brake Fluid Level Sensor
GB-046	/1	G03
B-047	B/46	ESP Module
B-189	/18	Engine Compartment Fuse Box E

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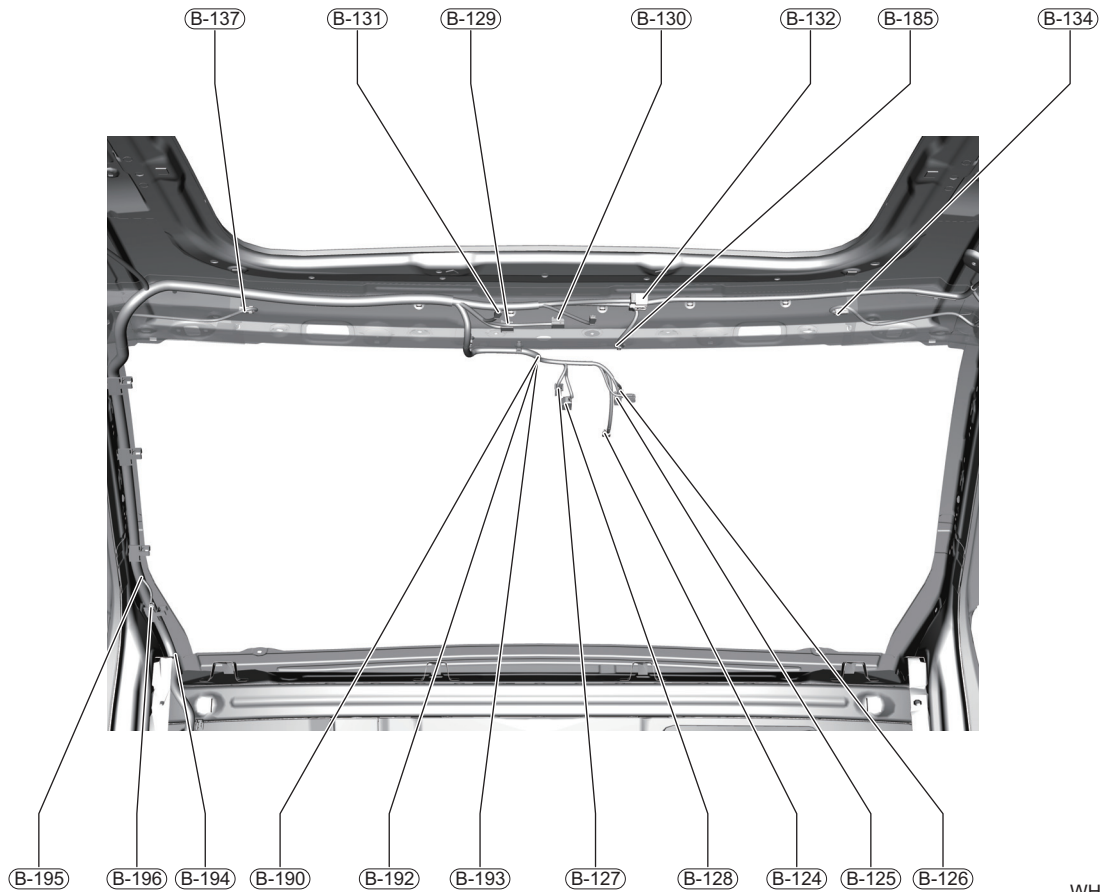
WHE013001

Connector Number	Connector Color/Pin	Connector Name
GB-034	/1	G02
GB-035	/1	G04
B-048	B/2	GPF Temperature Sensor
B-049	/4	Rear Oxygen Sensor
B-050	B/4	GPF Pressure Sensor



Connector Number	Connector Color/Pin	Connector Name
B-052	B/16	Diagnostic Interface (Test)
GB-053	/1	EPS Ground
B-056	B/6	Electronic Accelerator Pedal
B-057	B/4	Brake Switch
B-119	/1	Interior to Front Left Door Left Side HD Camera
B-120	W/26	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1
B-121	W/20	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3
B-122	W/26	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)
B-123	W/40	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)
B-139	W/20	Instrument Panel Fuse Box C2
B-140	W/20	Instrument Panel Fuse Box C4
B-141	W/16	Instrument Panel Fuse Box C5
B-142	/1	Instrument Panel Fuse Box Power Supply
B-143	W/22	Instrument Panel Fuse Box C1
B-144	W/18	Instrument Panel Fuse Box C3

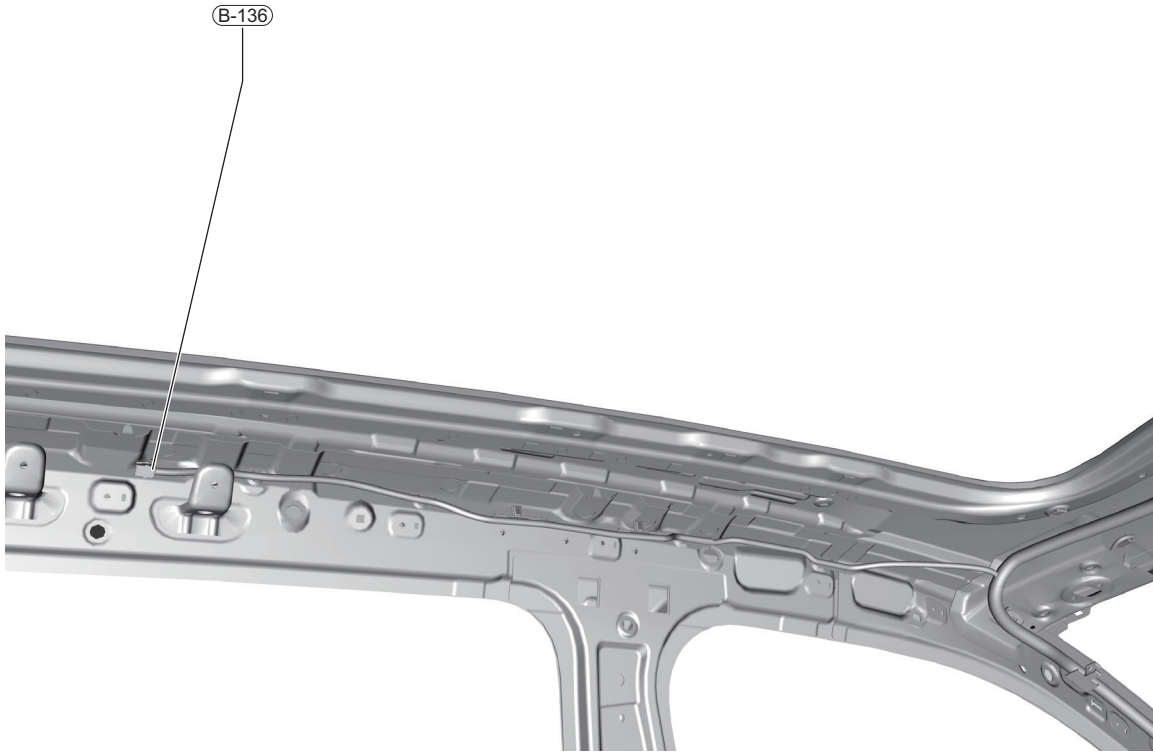
Connector Number	Connector Color/Pin	Connector Name
B-146	W/20	BCM-5
B-147	B/14	BCM-3
B-148	W/12	BCM-4
B-149	B/52	BCM-1
B-150	W/24	BCM-2
B-191	/2	EPS-X
B-197	/1	Interior Wire Harness to Instrument Panel Wire Harness OMS
B-198	/4	Interior Wire Harness to Instrument Panel Wire Harness Surround View Video Input
B-199	/1	Interior Wire Harness to Instrument Panel Wire Harness DMS
B-200	/1	Interior Wire Harness to Instrument Panel Wire Harness DVR
B-201	/1	Inline FLOOR TO IP



WHE015001

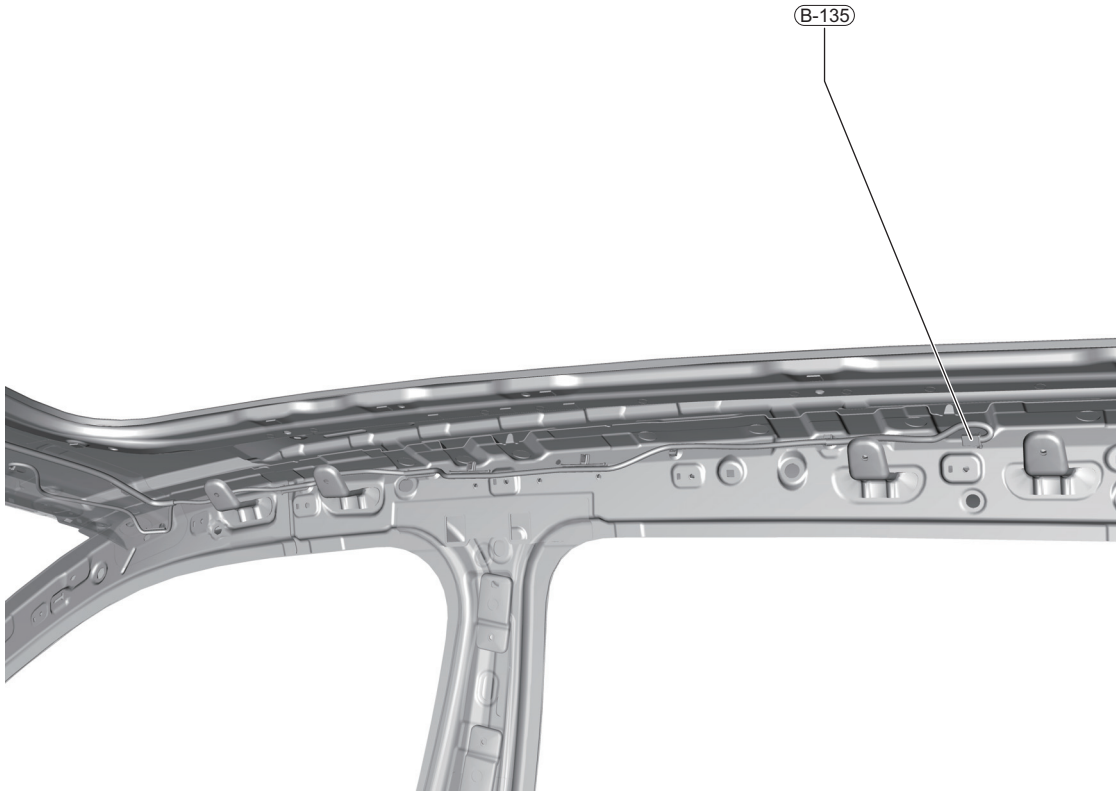
Connector Number	Connector Color/Pin	Connector Name
B-124	/1	Driving Recorder - B
B-125	W/8	Driving Recorder - A
B-127	W/6	Inside Rear View Mirror
B-128	W/12	Front Camera Module
B-129	W/10	Sliding Roof Switch
B-130	W/6	SOS Switch
B-131	W/2	Microphone LH
B-132	W/10	Interior Floor Wire Harness to Sliding Roof Wire Harness Connector
B-134	W/2	Sun Visor Lighting RH
B-137	W/2	Sun Visor Lighting LH
B-185	/4	ETC
B-190	/20	Multi-function Camera
B-192	/2	OMS
B-193	/1	OMS Front Passenger Monitoring
B-194	/2	Tweeter Front Left Door Tweeter

Connector Number	Connector Color/Pin	Connector Name
B-195	/2	DMS
B-196	/1	DMS Driver Monitoring



WHE016001

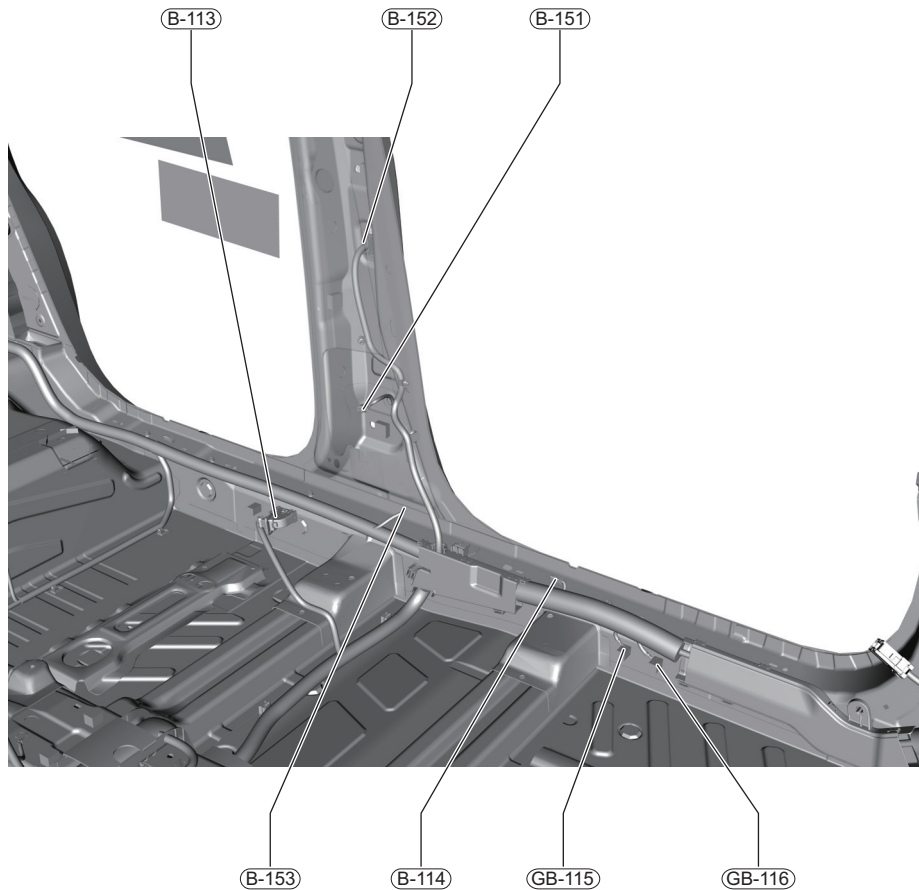
Connector Number	Connector Color/Pin	Connector Name
B-136	W/4	Left Map Light



WHE017001

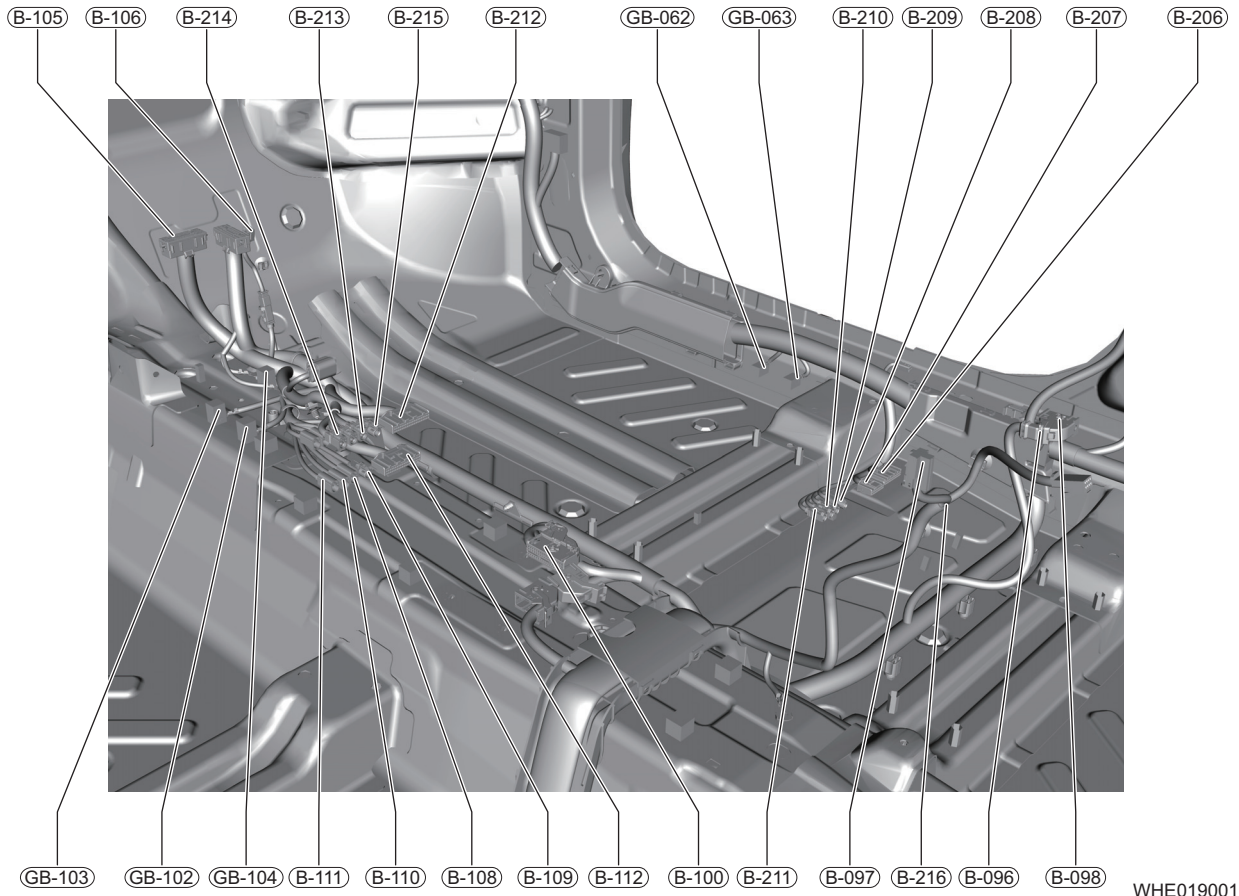
Connector Number	Connector Color/Pin	Connector Name
B-135	W/4	Right Map Light





WHE018001

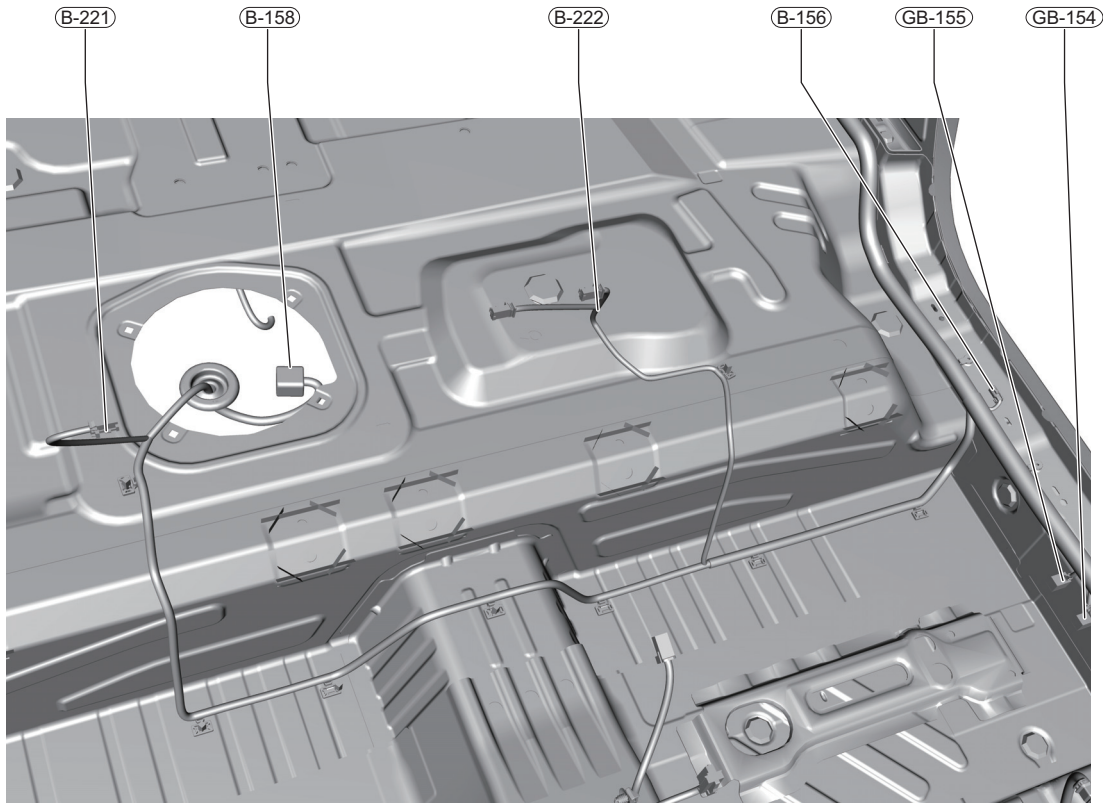
Connector Number	Connector Color/Pin	Connector Name
B-113	B/32	Interior Floor Wire Harness to Driver Seat Wire Harness Connector
B-114	W/2	Door Scuff Plate Light FL
GB-115	/1	MHG2.2
GB-116	/1	MHG2.4
B-151	Y/2	Front Left Pretensioner
B-152	W/26	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector
B-153	B/2	Left Side Collision Sensor



WHE019001

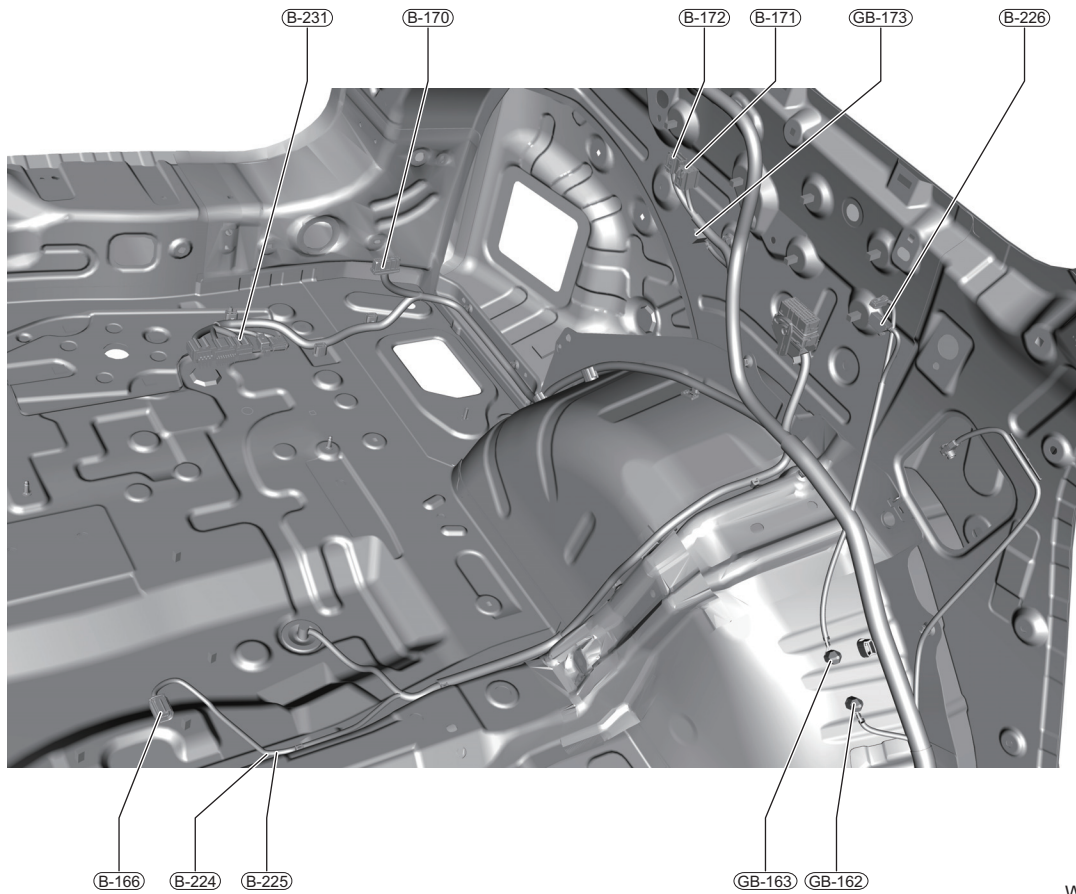
Connector Number	Connector Color/Pin	Connector Name
GB-062	/1	MHG2.1
GB-063	/1	MHG2.3
B-096	B/32	Interior Floor Wire Harness to Front Passenger Seat Wire Harness Connector
B-097	W/3	Cigarette Lighter
B-098	W/8	Rear A/C Control Panel
B-100	B/54	Airbag Control Module
GB-102	/1	MHG2.52
GB-103	/1	MHG2.51
GB-104	/1	MHG2.53
B-105	W/40	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector
B-106	/4	4G-TBOX Connector MAIN TO IP
B-108	/1	4G Antenna
B-109	/4	4G-TBOX
B-110	/1	4G Main Antenna
B-111	/1	Remote Control (HSD)

Connector Number	Connector Color/Pin	Connector Name
B-112	W/40	Remote Communication Gateway
B-206	/32	FAPA CONTROL MODULE A FAPA Control Module A
B-207	/20	FAPA CONTROL MODULE B FAPA Control Module B
B-208	/1	Surround View Video Output (CODE D)
B-209	/4	Four-in-one, Surround View Video Input
B-210	/1	Front View Video Output
B-211	/1	Front View Video Input
B-212	/32	Remote Communication Gateway 5G T-BOX Module Connector
B-213	/1	Cable 73A2 GPS Antenna
B-214	/1	Cable 66B WAN
B-215	/2	Ethernet
B-216	/2	Armrest Box Light



WHE020001

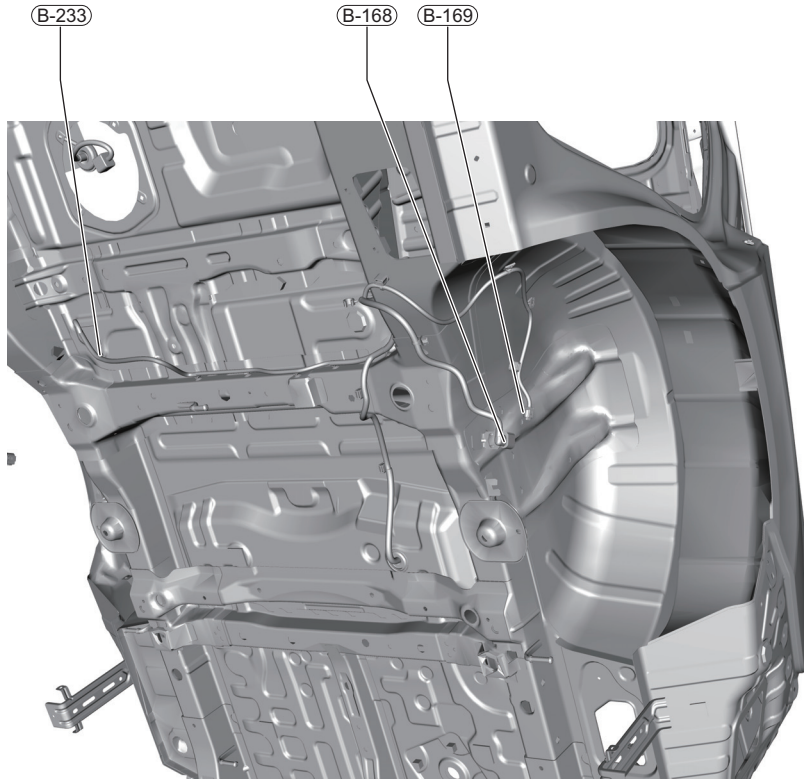
Connector Number	Connector Color/Pin	Connector Name
GB-154	/1	MHG2.6A
GB-155	/1	MHG2.6A
B-156	W/2	Door Scuff Plate Light FL
B-158	B/10	Oil Pump Controller
B-221	/20	REAR SEAT-Six R 2nd Row Seat INLINE
B-222	/20	REAR SEAT-Six L 2nd Row Seat INLINE



WHE021001

Connector Number	Connector Color/Pin	Connector Name
GB-162	/1	MHG2.8
GB-163	/1	MHG2.10
B-166	B/4	PEPS Antenna (Second Row)
B-170	W/15	Automatic A/C Rear Module
B-171	W/6	Power Back Door Module 2
B-172	W/16	Power Back Door Module 1
GB-173	/1	MHG2.12
B-224	/4	3rd Row Right Seat
B-225	/12	3rd Row Left Seat Connector (Interior Wire Harness Side)
B-226	/6	3rd Row Left Seat Adjustment SW
B-231	/4	Subwoofer

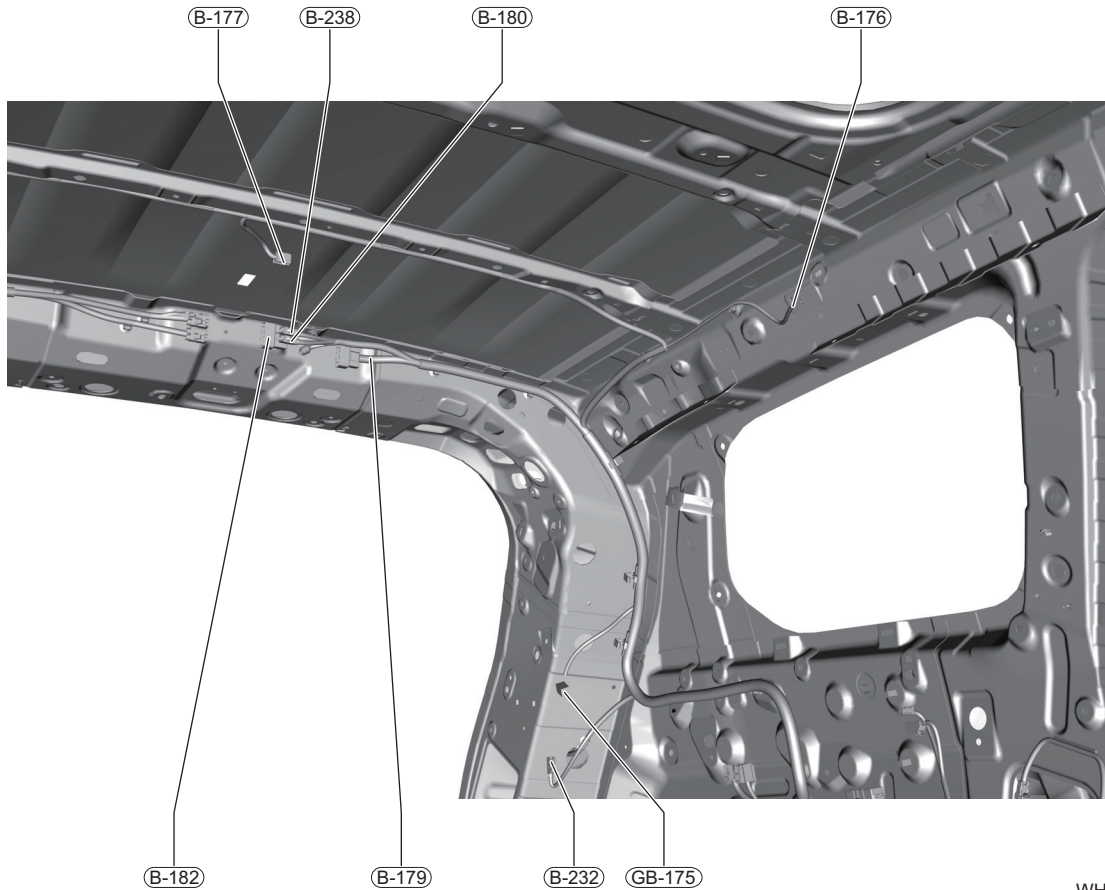
10



WHE022001

Connector Number	Connector Color/Pin	Connector Name
B-168	B/2	Rear Left Brake Caliper
B-169	B/2	Rear Left Wheel Speed Sensor
B-233	/6	AWD Control GenVI Torque Manager (AWD)

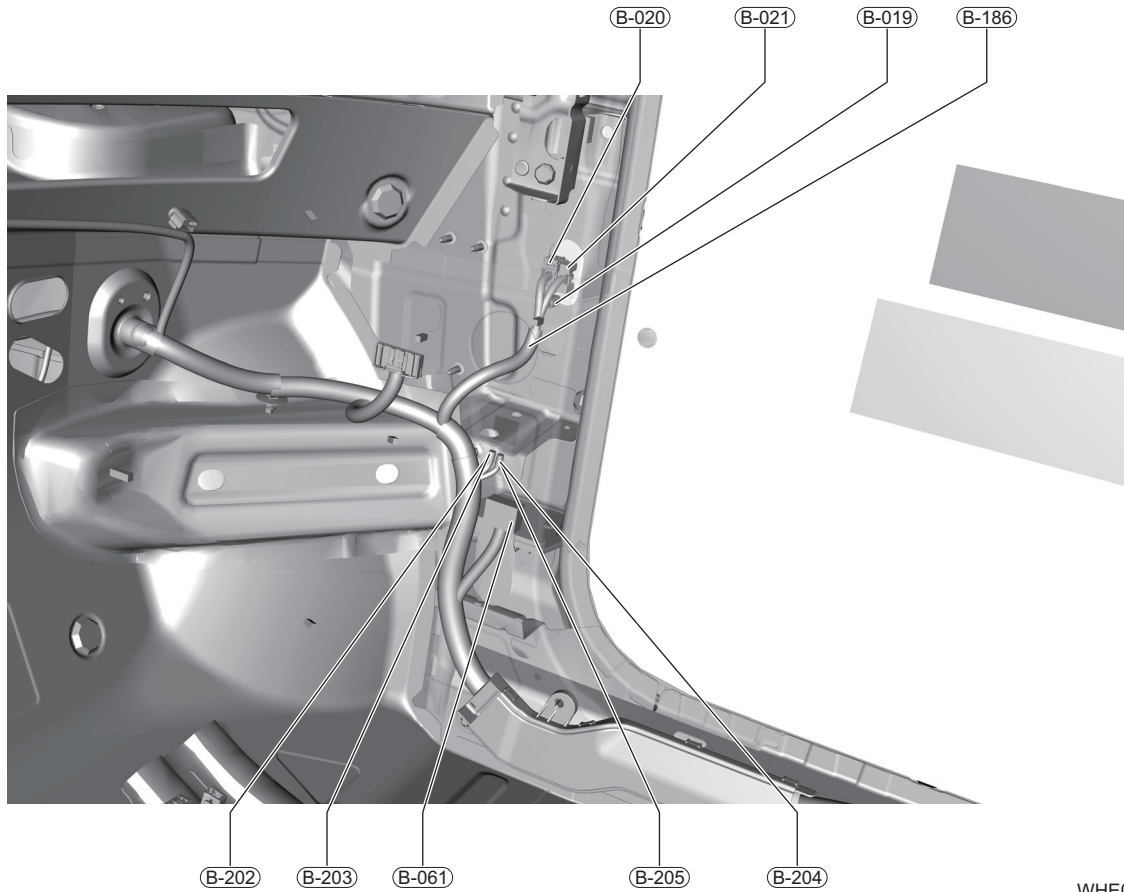




WHE023001

Connector Number	Connector Color/Pin	Connector Name
GB-175	/1	MHG2.16
B-176	Y/2	Left Side Curtain Shield Airbag
B-177	W/6	Rear Map Light
B-179	W/16	Interior Floor Wire Harness to Back Door Wire Harness Connector 2
B-180	/1	Rear HD Camera Interface
B-182	W/20	Interior Floor Wire Harness to Back Door Wire Harness Connector 1
B-232	/6	Trunk Seat Switch
B-238		Interior to Back Door Rear HD Camera Interface

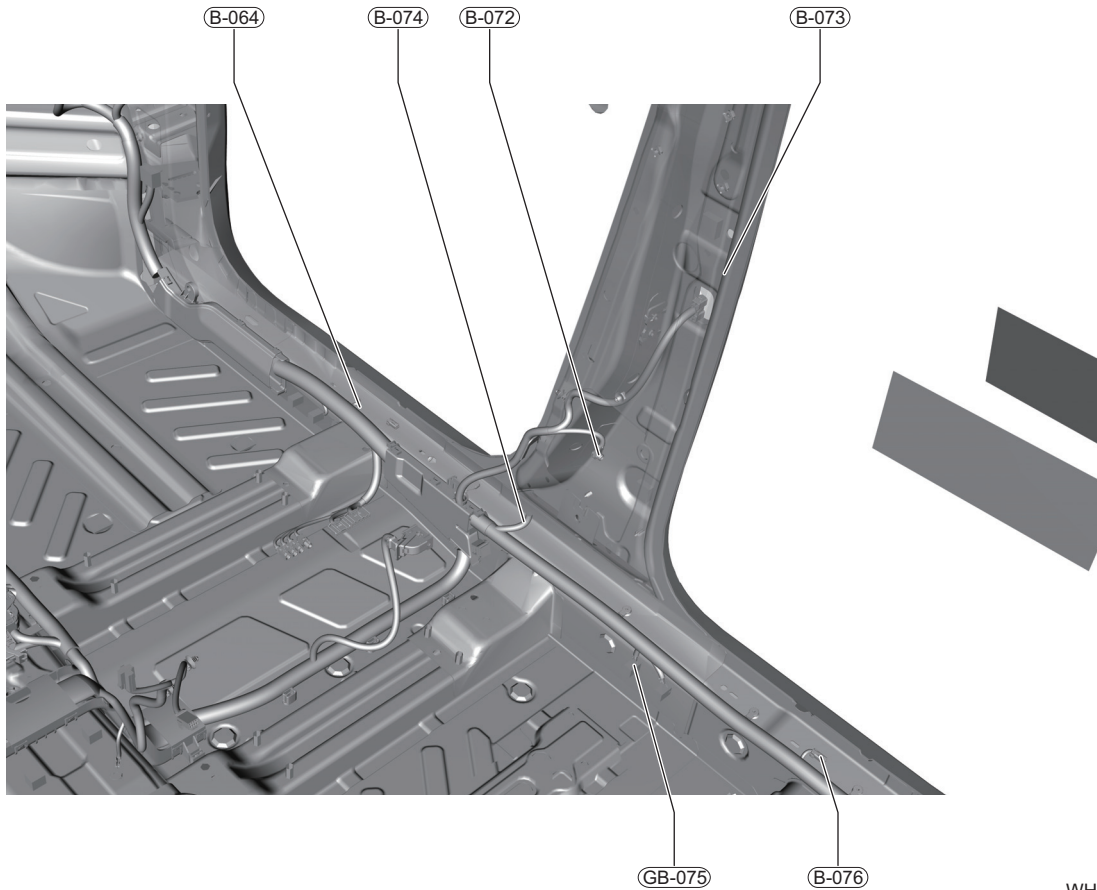
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WHE024001

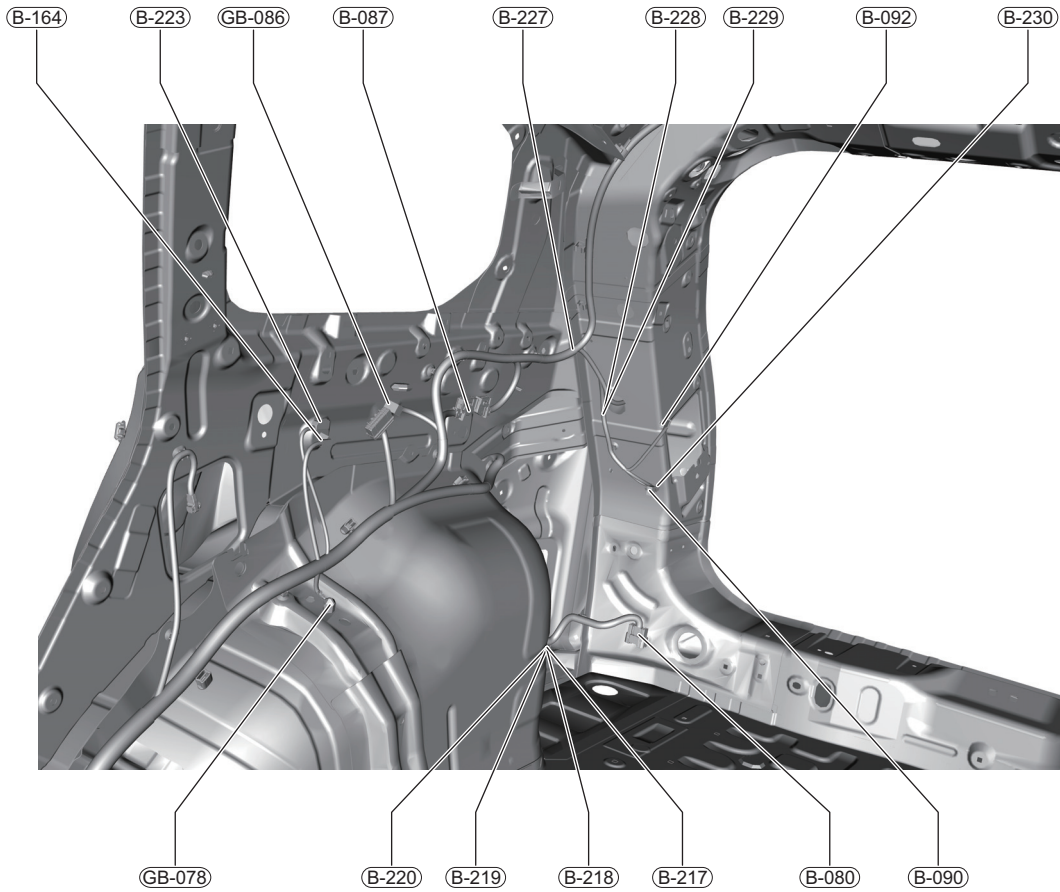
Connector Number	Connector Color/Pin	Connector Name
B-019	/1	Front Right HD Camera Interface
B-020	W/26	Interior Floor Wire Harness to Front Right Door Wire Harness
B-021	W/20	Interior Floor Wire Harness to Front Right Door Wire Harness
B-061	W/26	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)
B-186	/2	Tweeter Front Right Door Tweeter
B-202	/1	Inline FLOOR TO IP
B-203	/1	Inline FLOOR TO IP
B-204	/1	Inline FLOOR TO IP
B-205	/1	Ethernet Inline FLOOR TO IP





WHE025001

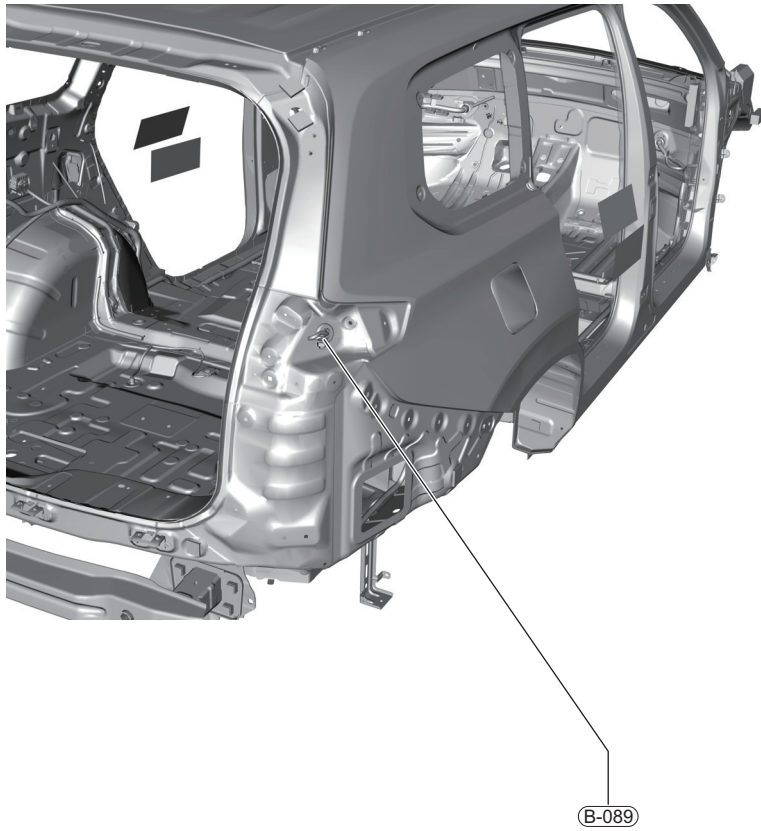
Connector Number	Connector Color/Pin	Connector Name
B-064	W/2	Door Scuff Plate Light FR
B-072	/1	Front Right Pretensioner
B-073	W/26	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface
B-074	B/2	Right Side Collision Sensor
GB-075	/1	MHG2.5
B-076	W/2	Door Scuff Plate Light FR



WHE026001

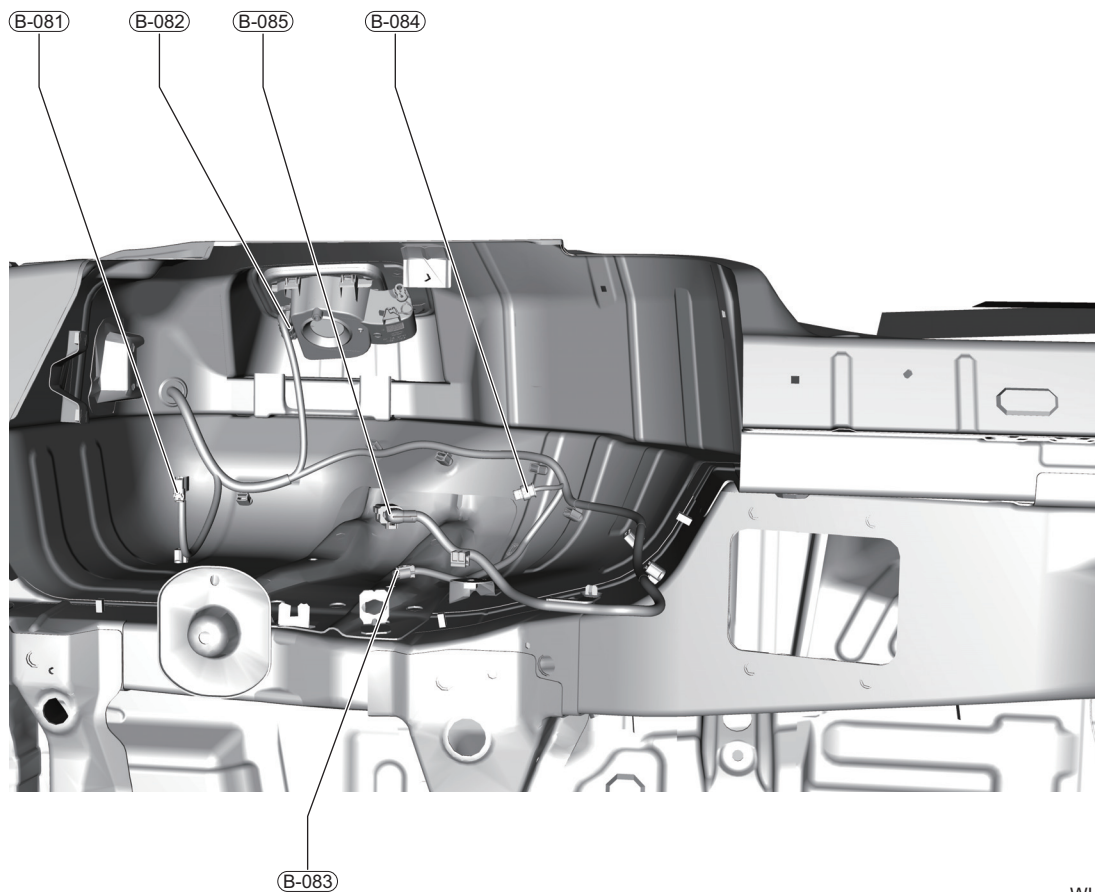
Connector Number	Connector Color/Pin	Connector Name
GB-078	/1	MHG2.7
B-080	B/26	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface
GB-086	/1	MHG2.9
B-087	W/26	PDC-J1
B-090	W/1	Luggage Compartment Light
B-092	B/3	12V Power Supply Socket
B-164	W/2	USB Charging Module
B-217	/8	Amplifier ECU (iFLYTEK)-D
B-218	/8	Amplifier ECU (iFLYTEK)-C
B-219	/16	Amplifier ECU (iFLYTEK)-B
B-220	/16	Amplifier ECU (iFLYTEK)-A
B-223	/6	3Row Seat Switch R Right Seat Adjustment SW
B-227	/16	FLOOR TO FOOR Interior Wire Harness to Roof Wire Harness

Connector Number	Connector Color/Pin	Connector Name
B-228	/12	Amplifier A
B-229	/20	Amplifier B
B-230	/4	Amplifier C



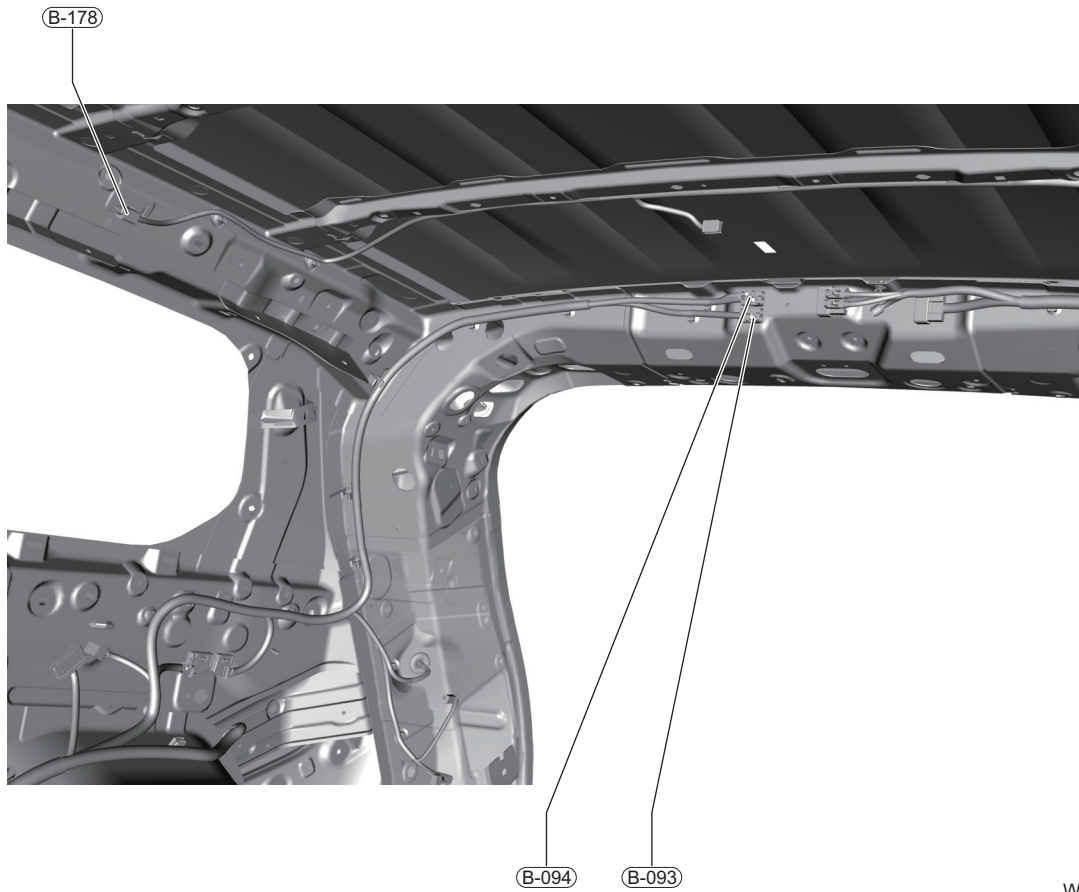
WHE026002

Connector Number	Connector Color/Pin	Connector Name
B-089	W/8	Rear Right Combination Light (Body Part)



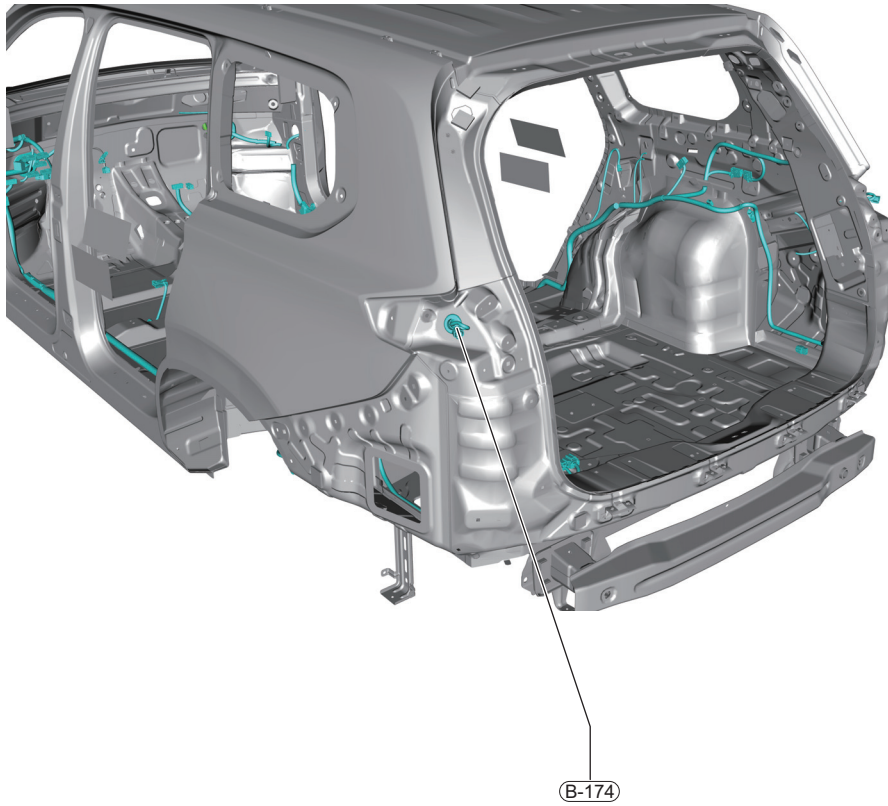
WHE026003

Connector Number	Connector Color/Pin	Connector Name
B-081	B/2	Charcoal Canister Vent Solenoid Valve
B-082	B/2	LOCKING PUSH-PUSH
B-083	B/2	Rear Left Wheel Speed Sensor
B-084	B/3	Fuel Tank Pressure Sensor
B-085	B/2	Rear Right Brake Caliper



WHE026004

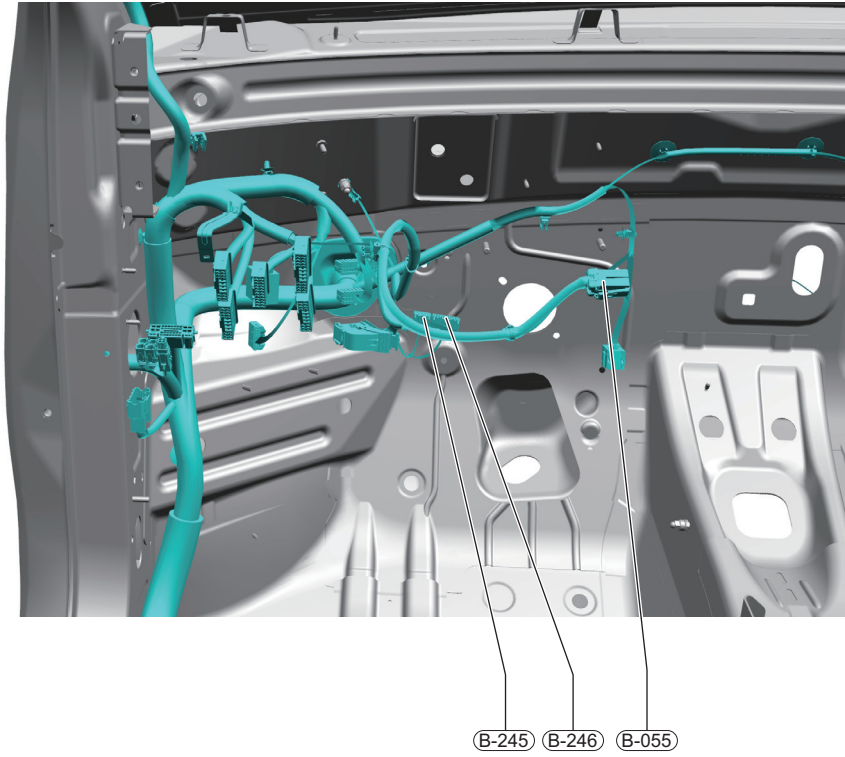
Connector Number	Connector Color/Pin	Connector Name
B-093	/1	Radio Antenna & GPS
B-094	/1	4G Main Antenna
B-178	Y/2	Right Side Curtain Shield Airbag



WHE026005

Connector Number	Connector Color/Pin	Connector Name
B-174	W/8	Rear Left Combination Light (Body Part)

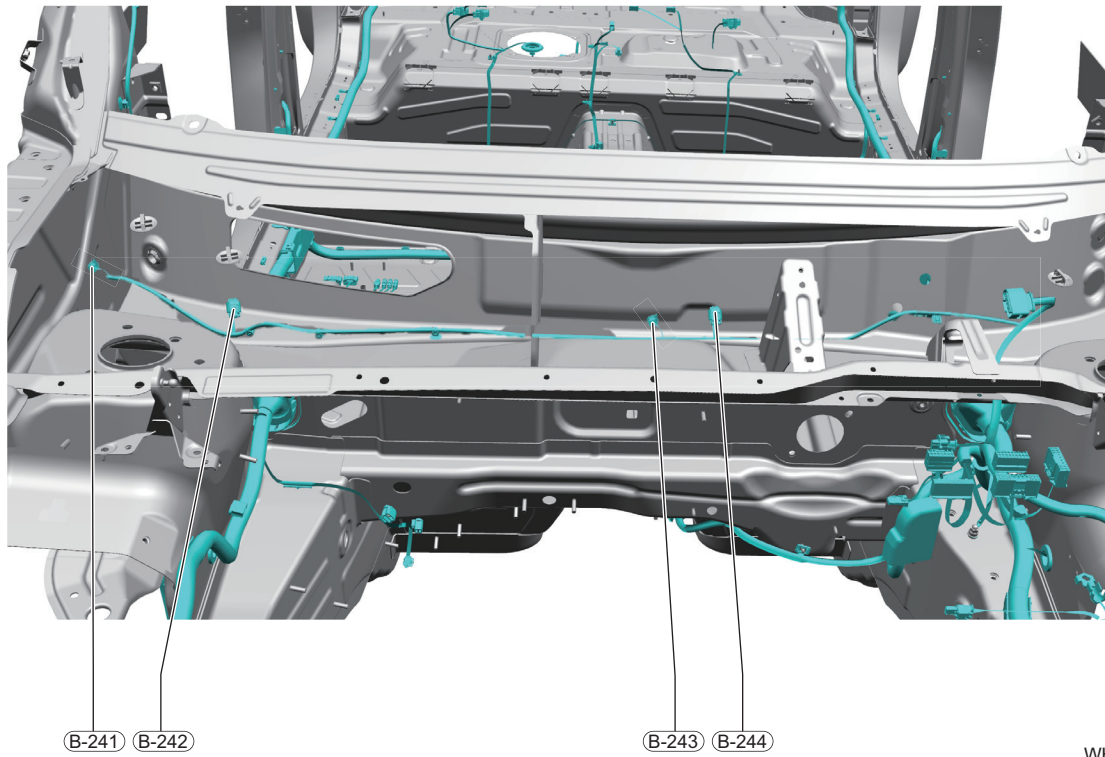




WHE026006

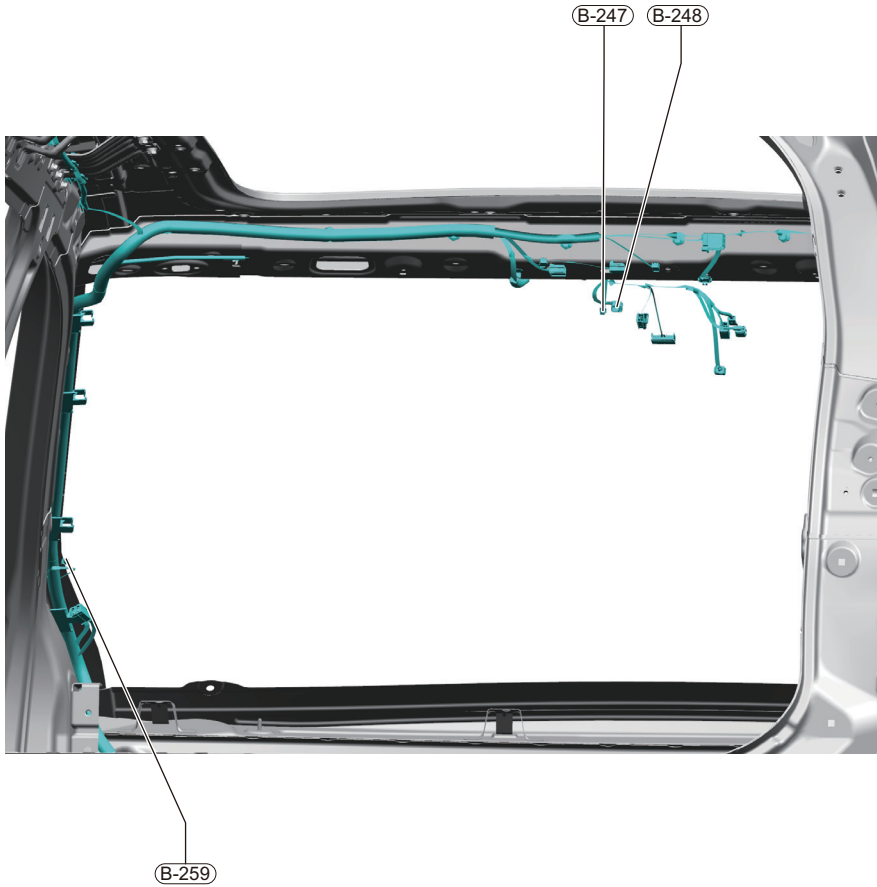
Connector Number	Connector Color/Pin	Connector Name
B-055	B/2	EPS-X
B-245	B/12	Electric Side Step-A
B-246	B/22	Electric Side Step-B





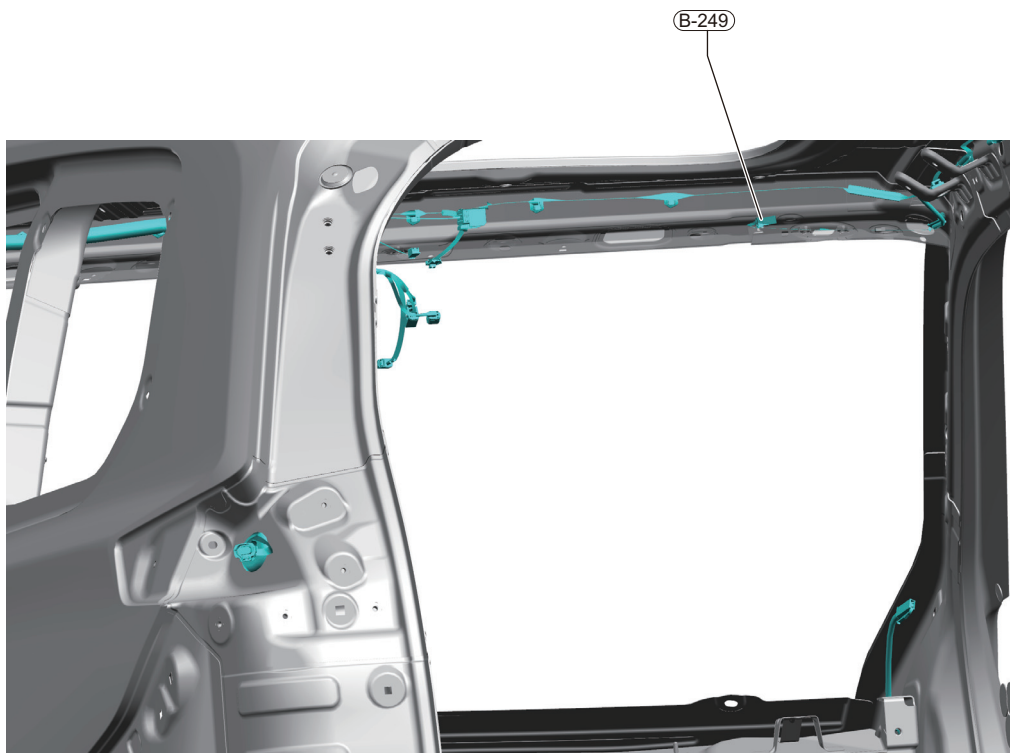
WHE026007

Connector Number	Connector Color/Pin	Connector Name
B-241	B/1	Left Windshield Heating Positive
B-242	B/2	Left Washer Nozzle Heating
B-243	B/1	Right Windshield Heating Positive
B-244	B/2	Right Washer Nozzle Heating



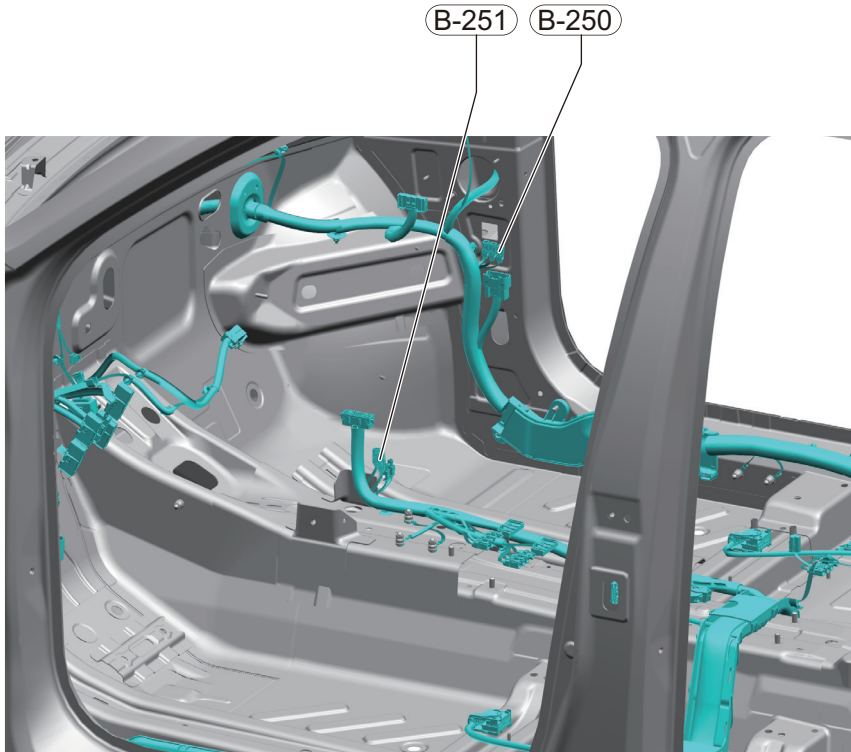
WHE026008

Connector Number	Connector Color/Pin	Connector Name
B-247	B/2	DAB
B-248	/	DAB Antenna
B-259	B/1	Left Windshield Heating Negative



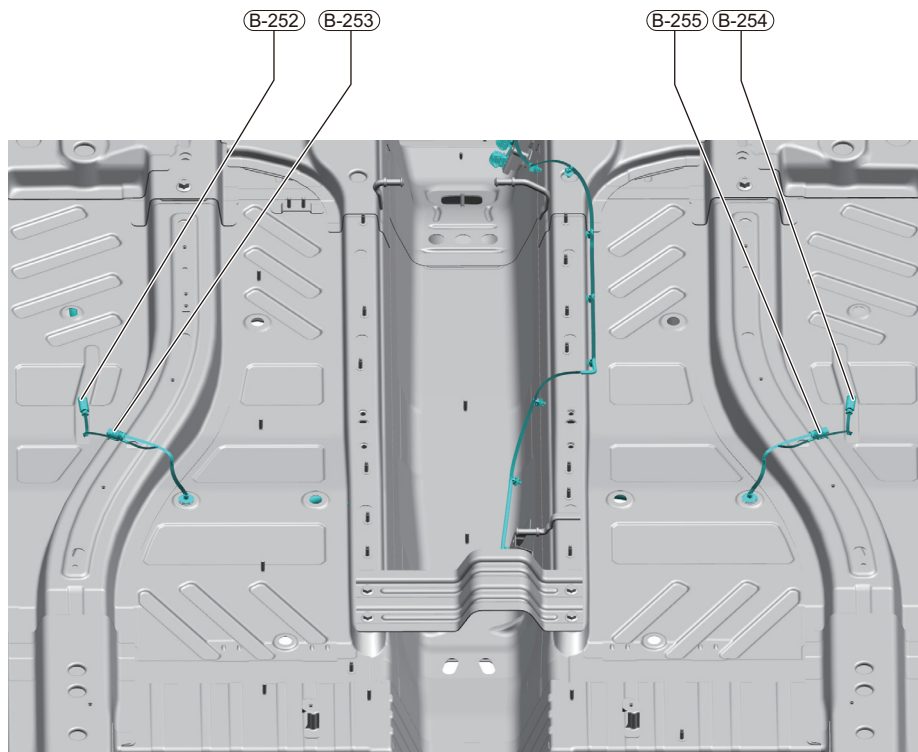
WHE026009

Connector Number	Connector Color/Pin	Connector Name
B-249	B/1	Right Windshield Heating Negative



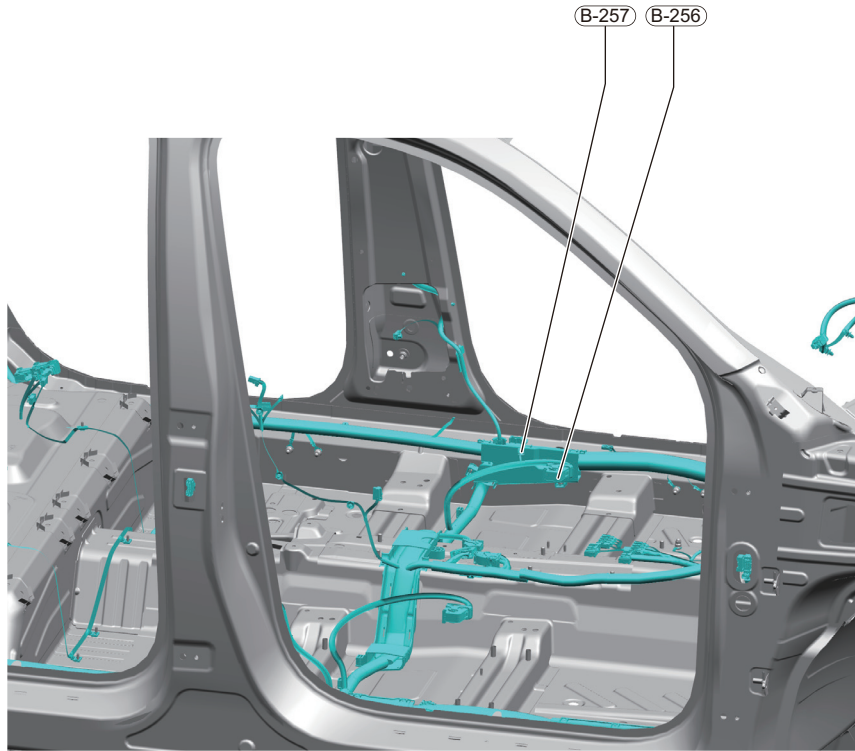
WHE026010

Connector Number	Connector Color/Pin	Connector Name
B-250	/	Inline Floor to IP
B-251	/	Cable 95B



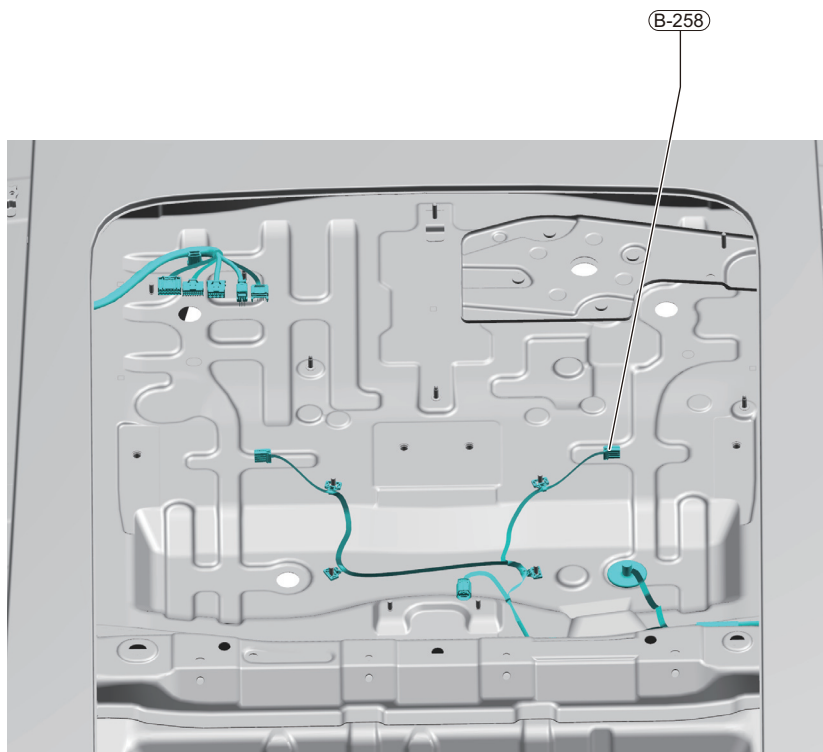
WHE026011

Connector Number	Connector Color/Pin	Connector Name
B-252	B/2	Right LED
B-253	B/2	Right Motor
B-254	B/2	Left LED
B-255	B/2	Left Motor



WHE026012

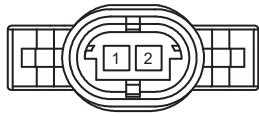
Connector Number	Connector Color/Pin	Connector Name
B-256	B/40	Glonass
B-257	/	Cable 95A



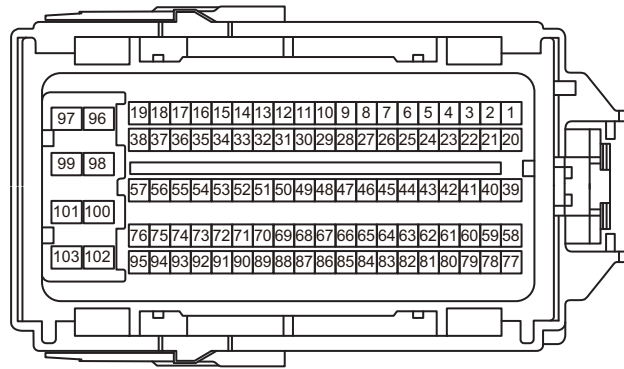
WHE026013

Connector Number	Connector Color/Pin	Connector Name
B-258	B/16	3rd Row Left Seat + CAN

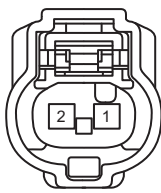
# Interior Wire Harness Connector List



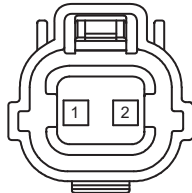
**(B-002)**  
B Ambient Temperature Sensor



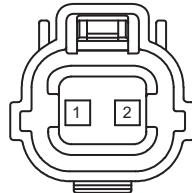
**(B-003)**  
B  
ECU-A



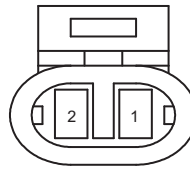
**(B-004)**  
B Front Right Collision Sensor



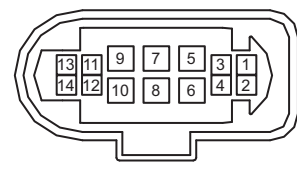
**(B-005)**  
Gr Low Pitched Horn



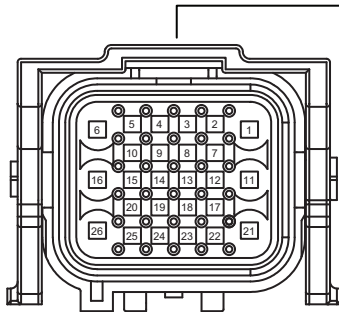
**(B-006)**  
Gr High Pitched Horn



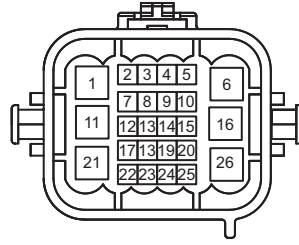
**(B-007)**  
W Engine Compartment Contact Switch



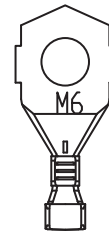
**(B-009)**  
B Front Right Headlight Assembly



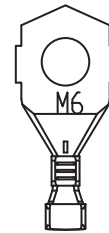
**(B-008)**  
B Interior Floor Wire Harness to Front Bumper Wire Harness



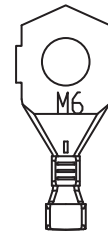
**(Q-017)**  
B Front Bumper Wire Harness to Interior Floor Wire Harness Interface



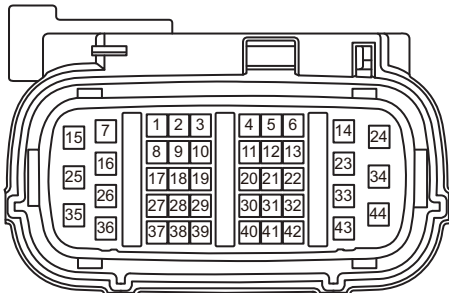
**(GB-012)**  
Ground



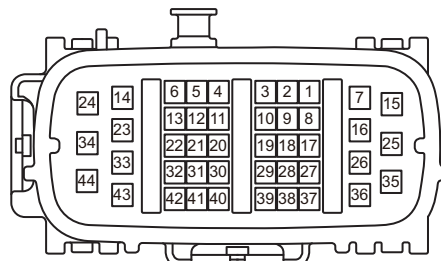
**(GB-013)**  
Ground



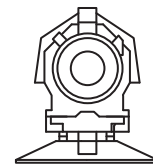
**(GB-014)**  
Ground



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



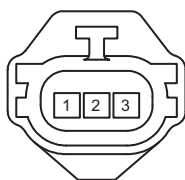
**(E-019)**  
B Engine Wire Harness to Interior Floor Wire Harness



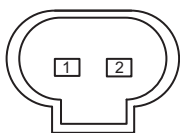
**(B-010)**  
Front HD Camera Interface

EPU008001





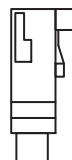
**(B-015)**  
B A/C Pressure Sensor



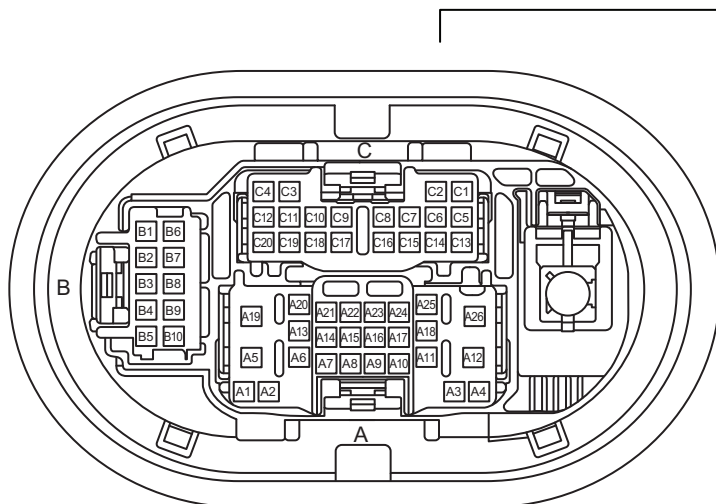
**(B-016)**  
B Front Right Wheel Speed Sensor



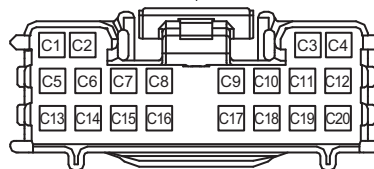
**(B-017)**  
B Low Pressure Fuel Pressure Sensor



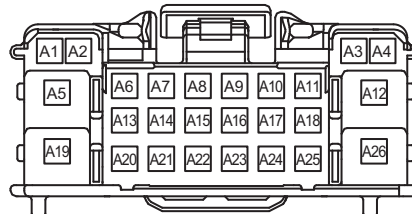
**(B-019)**  
Front Right Door HD Camera Interface



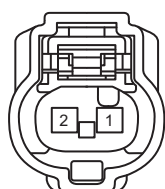
**(H-001)**  
W Front Right Door Wire Harness to Interior Floor Wire Harness



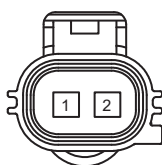
**(B-021)**  
W Interior Floor Wire Harness to Front Right Door Wire Harness



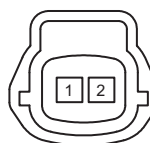
**(B-020)**  
W Interior Floor Wire Harness to Front Right Door Wire Harness



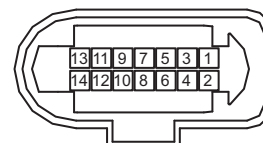
**(B-023)**  
B Front Left Collision Sensor



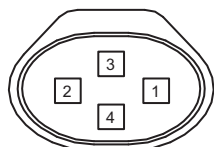
**(B-024)**  
B Electric Vacuum Pump



**(B-025)**  
B Front Washer Pump



**(B-026)**  
B Front Left Headlight Assembly



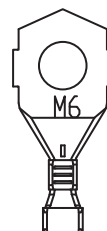
**(B-027)**  
B Cooling Fan



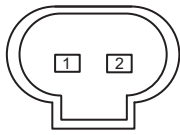
**(B-028)**  
Battery Sensor Power



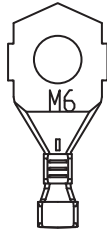
**(B-029)**  
B Battery Sensor



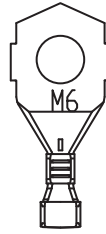
**(GB-030)**  
Ground



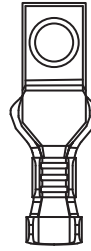
(B-033)  
B Front Left Wheel Speed Sensor



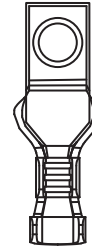
(GB-034)  
Ground



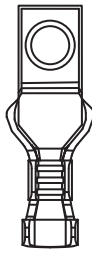
(GB-035)  
Ground



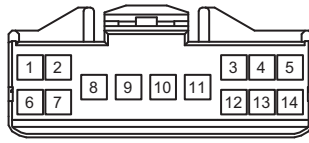
(B-036)  
EPS Power Supply



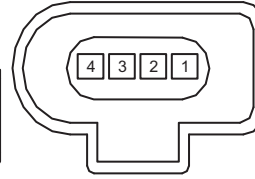
(B-037)  
Cooling Fan Power Supply



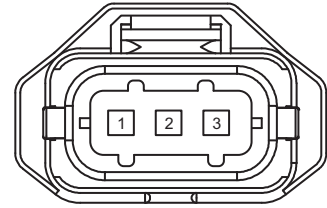
(B-038)  
Instrument Panel Fuse and Relay Box Power Supply



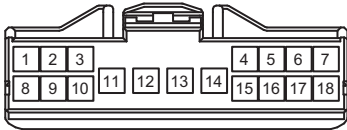
(B-039)  
W Engine Compartment Fuse Box A



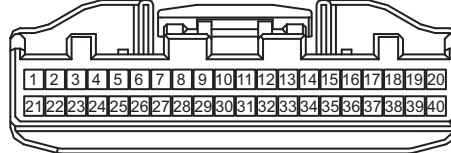
(B-040)  
B Front Wiper Motor



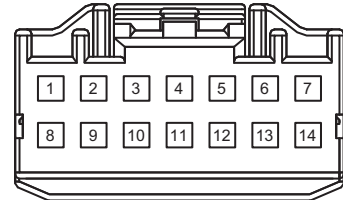
(B-041)  
B Brake Vacuum Pressure Sensor



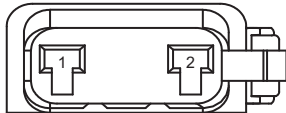
(B-042)  
W Engine Compartment Fuse Box B



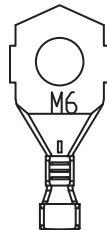
(B-043)  
W Engine Compartment Fuse Box F



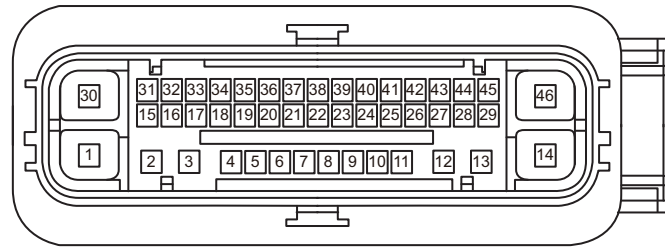
(B-044)  
W Engine Compartment Fuse Box C



(B-045)  
Gr Brake Fluid Level Sensor



(GB-046)  
Ground



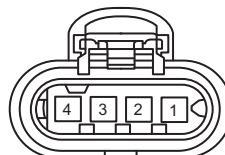
(B-047)  
B ESP Module



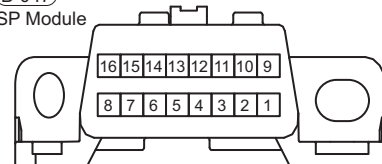
(B-048)  
B GPF Temperature Sensor



(B-049)  
B Rear Oxygen Sensor

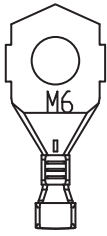


(B-050)  
B GPF Pressure Sensor

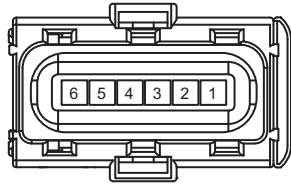


(B-052)  
B Diagnostic Interface (Test)

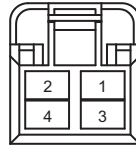
EPU010001



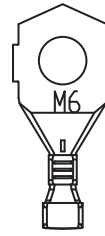
(GB-053)  
B Ground



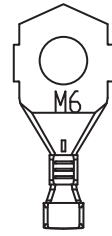
(B-056)  
B Electronic Accelerator Pedal



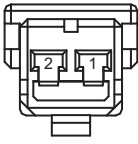
(B-057)  
W Brake Switch



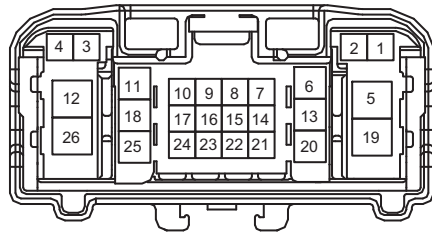
(GB-062)  
Ground



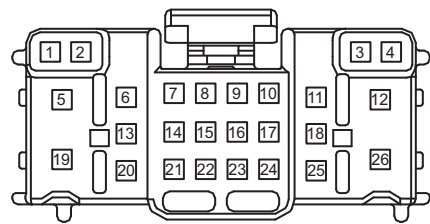
(GB-063)  
Ground



(B-064)  
W Front Right Rocker Light



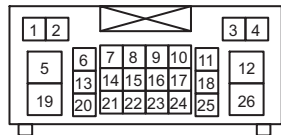
(B-061)  
W Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)



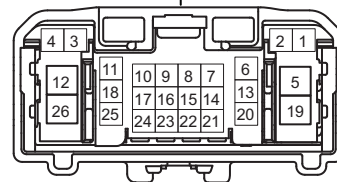
(I-018)  
W Instrument Panel Wire Harness to Interior Floor Wire Harness



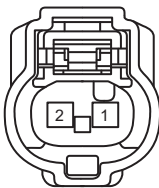
(B-072)  
Y Front Right Pretensioner



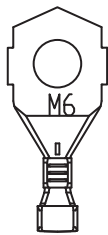
(B-073)  
W Interior Floor Wire Harness to Rear Right Door Wire Harness Interface



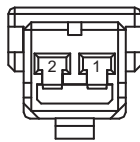
(R-001)  
W Rear Right Door Wire Harness to Interior Floor Wire Harness Connector



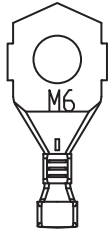
(B-074)  
B Right Side Collision Sensor



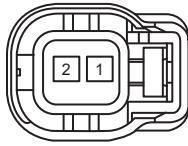
(GB-075)  
Ground



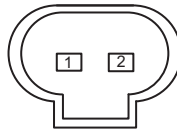
(B-076)  
W Rear Right Rocker Light



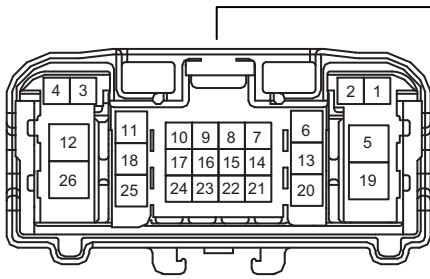
(GB-078)  
Ground



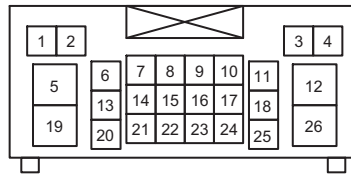
(B-081)  
B Canister Vent Valve



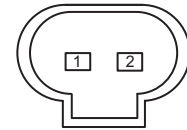
(B-082)  
B Fuel Filler Door Lock



(B-080)  
B Interior Floor Wire Harness to  
Rear Bumper Wire Harness



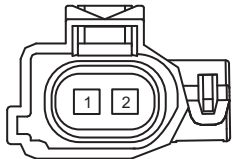
(J-001)  
B Rear Bumper Wire Harness to  
Interior Floor Wire Harness



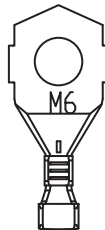
(B-083)  
B Rear Left Wheel Speed Sensor



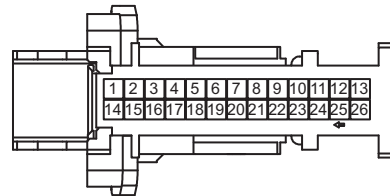
(B-084)  
B Tank Pressure Sensor



(B-085)  
B Rear Right Brake Caliper



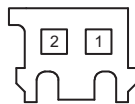
(GB-086)  
Ground



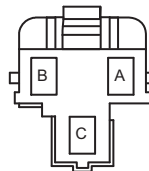
(B-087)  
Y  
PDC-J1



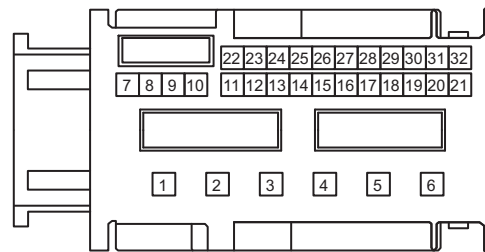
(B-089)  
B Rear Right Combination  
Light (Body Part)



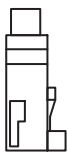
(B-090)  
W Luggage  
Compartment Light



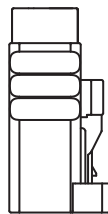
(B-092)  
B 12 V Power  
Supply Outlet



(B-096)  
B Interior Floor Wire Harness to Front Passenger  
Seat Wire Harness Connector

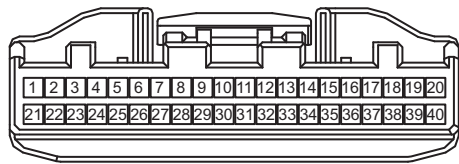
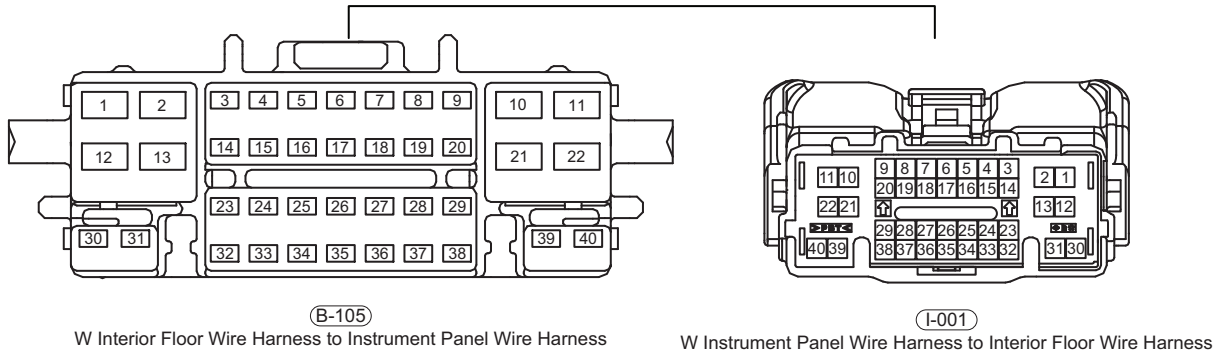
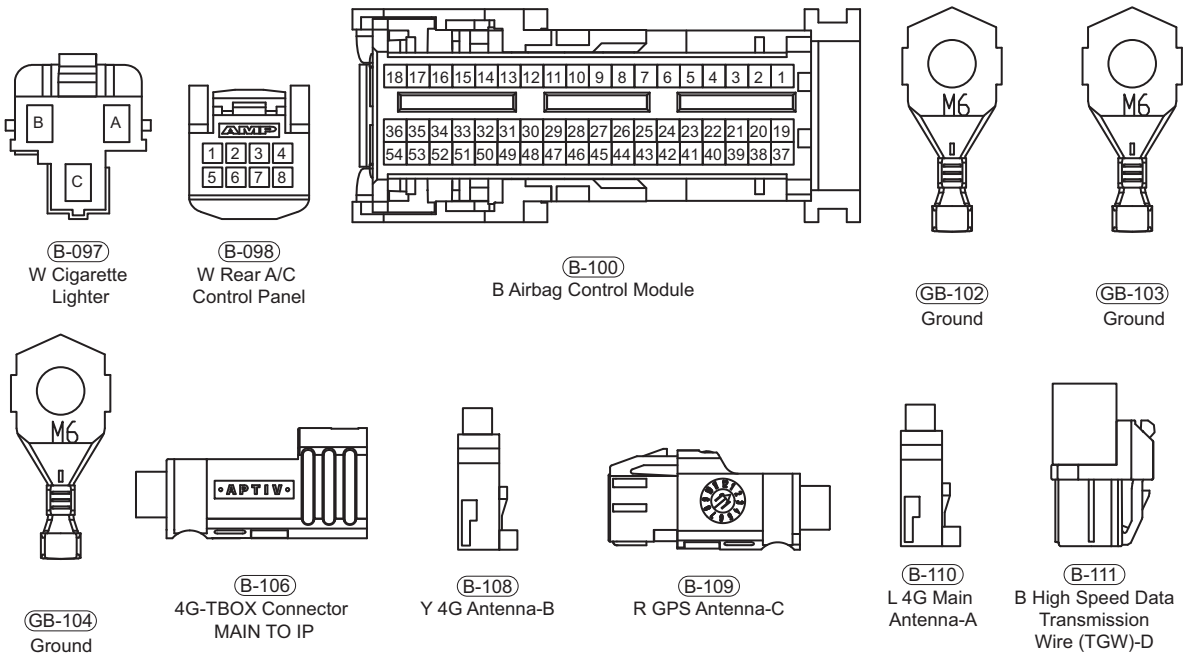


(B-093)  
AM/FM Antenna

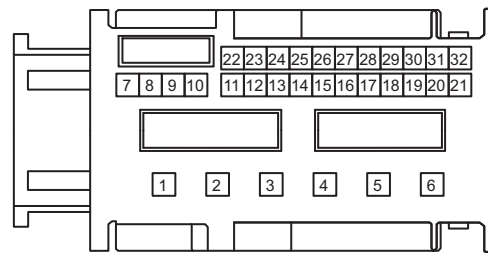


(B-094)  
4G Main Antenna

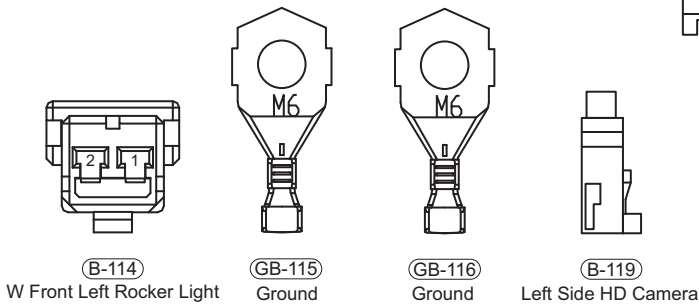
EPU012001



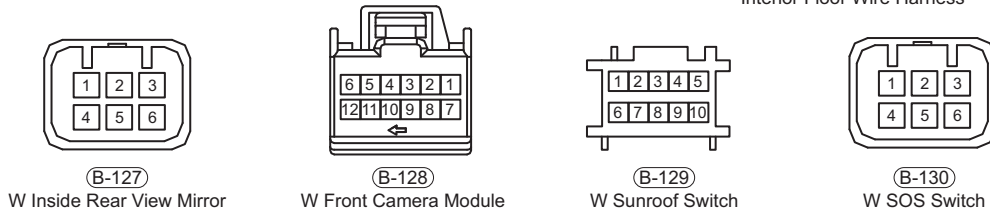
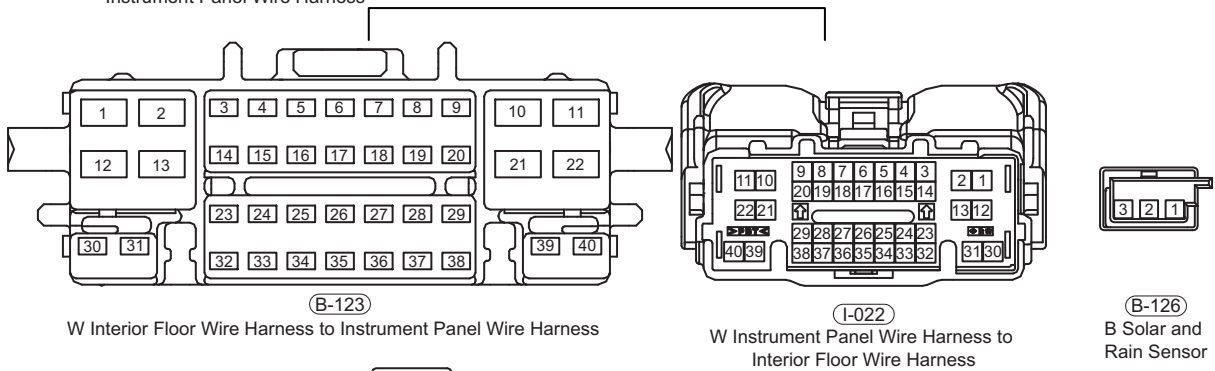
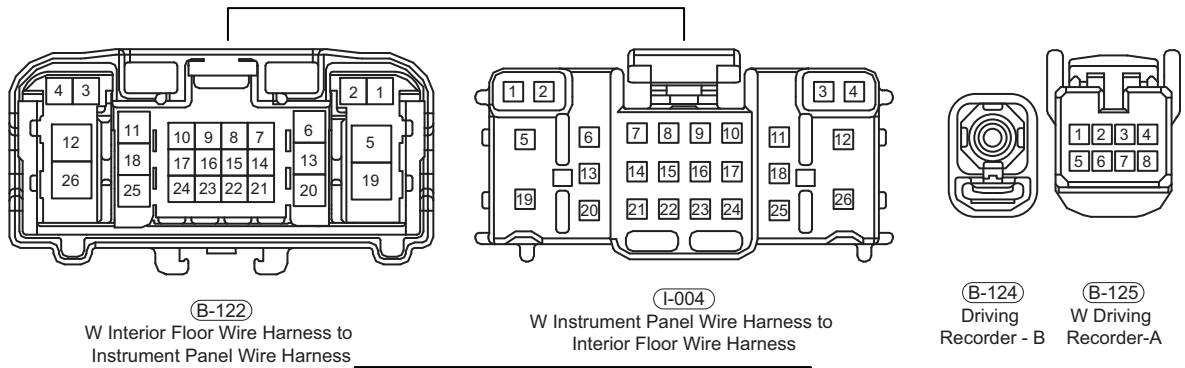
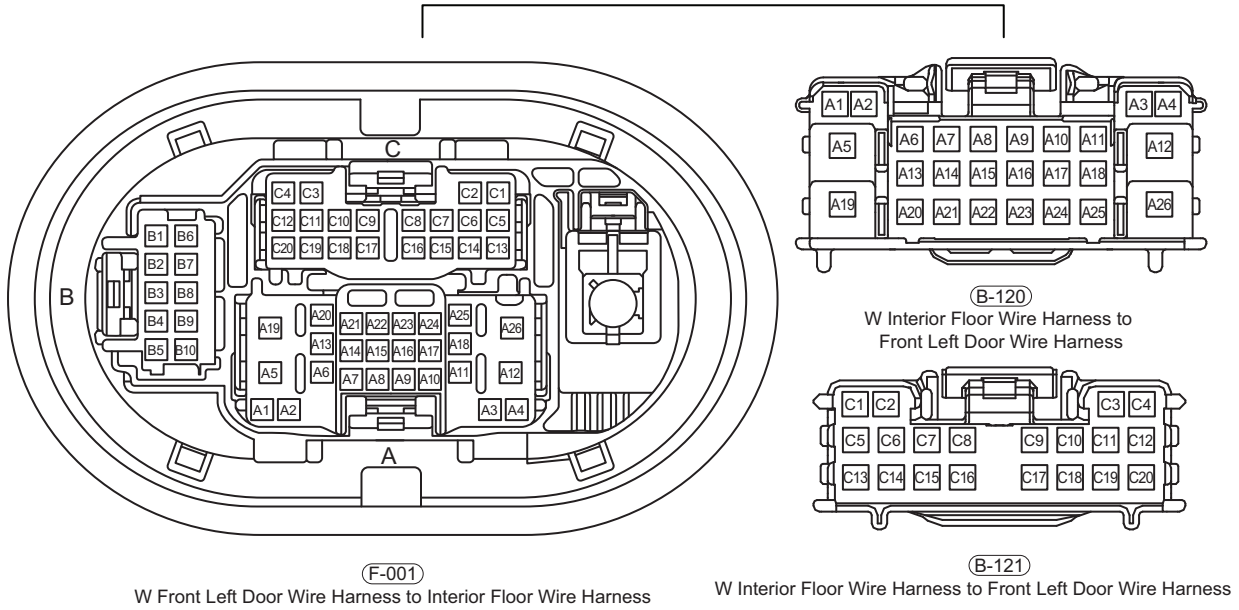
(B-112) W Remote Communication Gateway



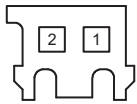
(B-113) B Interior Floor Wire Harness to Driver Seat Wire Harness



EPU013001



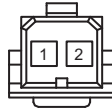
EPU014001



(B-131)  
W Left Microphone



(B-132)  
W Interior Floor Wire Harness to Sunroof Wire Harness



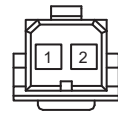
(B-134)  
W Right Visor Lighting



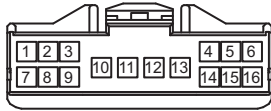
(B-135)  
B Right Map Light



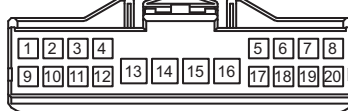
(B-136)  
B Left Map Light



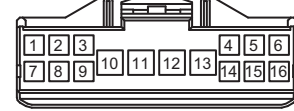
(B-137)  
W Left Visor Lighting



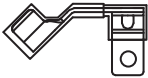
(B-139)  
W Instrument Panel Fuse Box C2



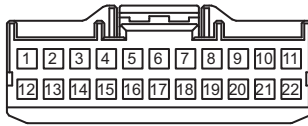
(B-140)  
W Instrument Panel Fuse Box C4



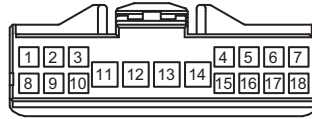
(B-141)  
B Instrument Panel Fuse Box C5



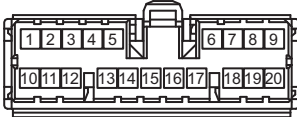
(B-142)  
Instrument Panel Fuse Box Power Supply



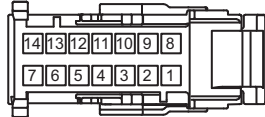
(B-143)  
W Instrument Panel Fuse Box C1



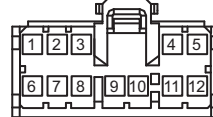
(B-144)  
W Instrument Panel Fuse Box C3



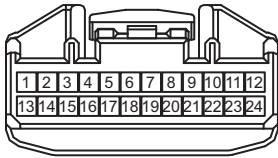
(B-146)  
W BCM 5



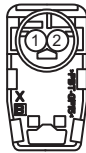
(B-147)  
B BCM 3



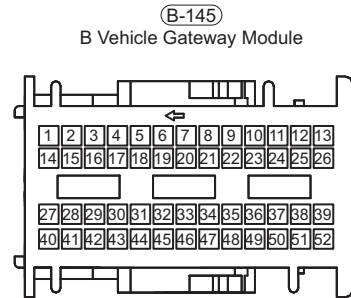
(B-148)  
W BCM 4



(B-150)  
W BCM 2

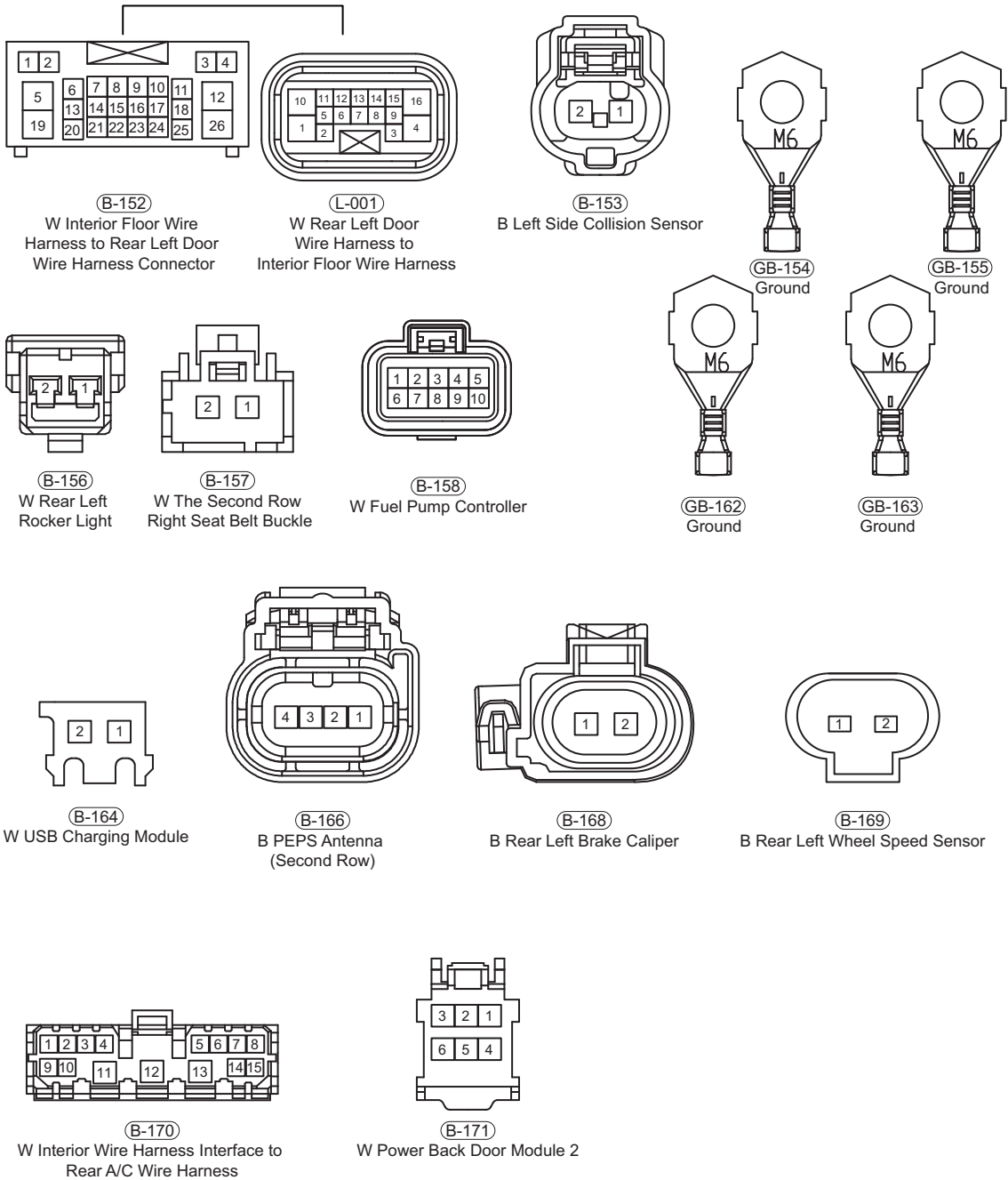


(B-151)  
Y Front Left Pretensioner

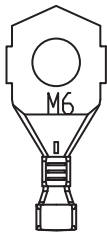


(B-145)  
B Vehicle Gateway Module

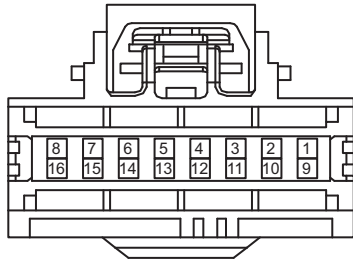
(B-149)  
B BCM 1



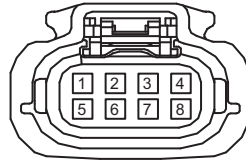




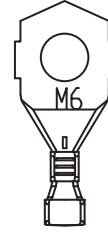
GB-173  
Ground



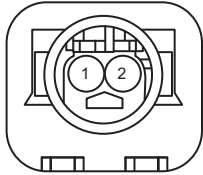
B-172  
W Power Back Door Module 1



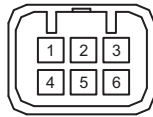
B-174  
W Rear Left Combination Light (Body Part)



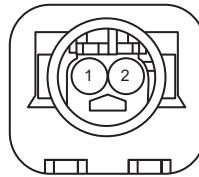
GB-175  
Ground



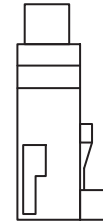
B-176  
Y Left Curtain Shield Airbag



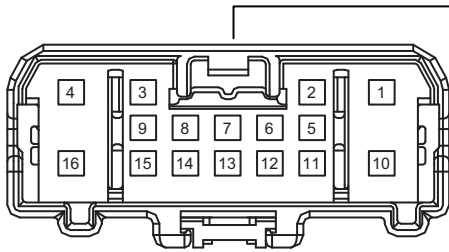
B-177  
W Rear Map Light



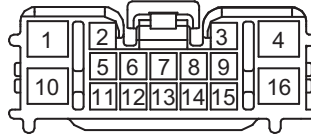
B-178  
Y Right Curtain Shield Airbag



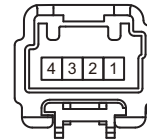
B-180  
Rear HD Camera



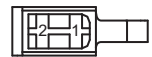
B-179  
W Interior Floor Wire Harness to  
Back Door Wire Harness



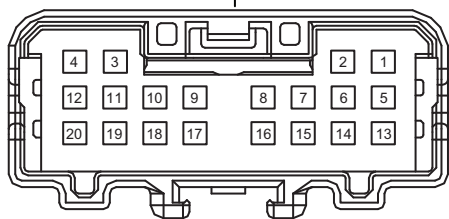
T-001  
W Back Door Wire Harness to  
Interior Floor Wire Harness



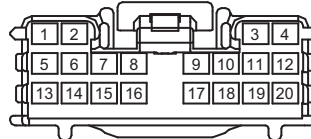
B-185  
B  
ETC



B-186  
B Front Right  
Door Tweeter



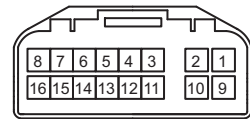
B-182  
W Interior Floor Wire Harness to  
Back Door Wire Harness



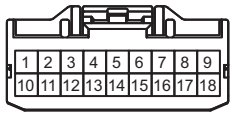
T-003  
W Back Door Wire Harness to  
Interior Floor Wire Harness



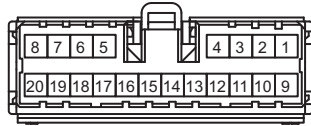
B-187  
B Washer Reservoir  
Fluid Level Sensor



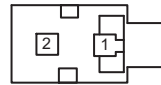
B-188  
B Transmission  
Control Module (TCU 8AT)



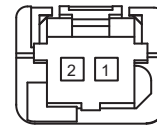
(B-189)  
B Engine Compartment  
Fuse Box E



(B-190)  
B Multi-function Camera



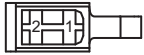
(B-191)  
B Electric Power Steering EPS-P



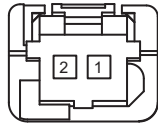
(B-192)  
B  
OMS



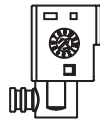
(B-193)  
B OMS Front  
Passenger  
Monitoring



(B-194)  
B Front Left Door Tweeter



(B-195)  
B  
DMS



(B-196)  
B DMS Driver  
Monitoring



(B-197)  
B Interior Wire  
Harness to  
Instrument Panel  
Wire Harness OMS



(B-198)  
B Interior Wire  
Harness to Instrument  
Panel Wire Harness  
Surround View Video Input



(B-199)  
B Interior Wire Harness to  
Instrument Panel  
Wire Harness DMS



(B-200)  
B Interior Wire  
Harness to  
Instrument Panel  
Wire Harness DVR



(B-201)  
B  
Inline FLOOR TO IP



(B-202)  
B  
Inline FLOOR TO IP



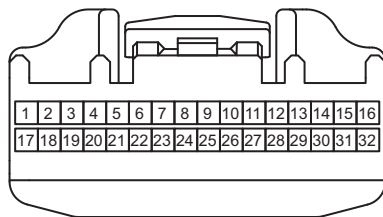
(B-203)  
B  
Inline FLOOR TO IP



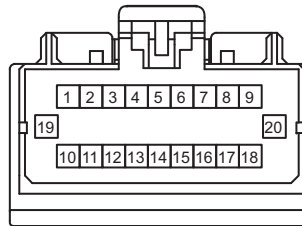
(B-204)  
B  
Inline FLOOR TO IP



(B-205)  
B Ethernet Inline FLOOR TO IP



(B-206)  
B FAPA Control Module A



(B-207)  
B FAPA Control Module B



(B-208)  
B Surround View Video  
Output (CODE D)



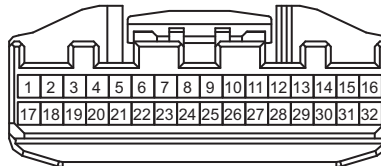
(B-209)  
B Four-in-one,  
Surround  
View Video Input



(B-210)  
B Front View  
Video Output



(B-211)  
B Interior Wire Harness to  
Instrument Panel  
Wire Harness DVR



(B-212)  
B Remote Communication  
Gateway 5G



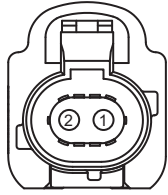
(B-213)  
B GPS Antenna



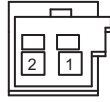
(B-214)  
B  
WAN



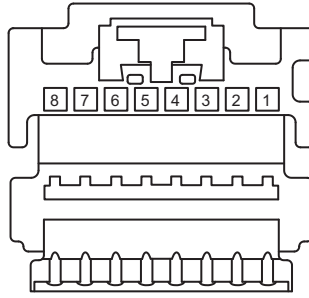
(B-214)  
B  
WAN



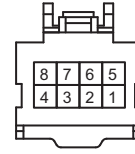
(B-215)  
B Ethernet



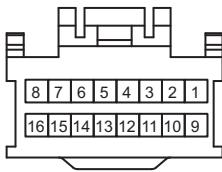
(B-216)  
B Armrest Box Light



(B-217)  
B Power Amplifier  
ECU (iFLYTEK)-D



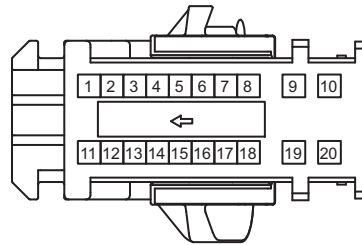
(B-218)  
B Power Amplifier ECU (iFLYTEK)-C



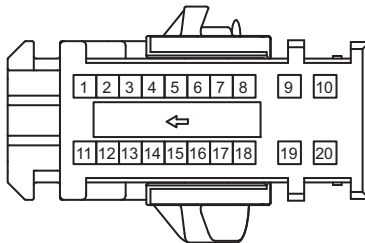
(B-219)  
B Power Amplifier ECU  
(iFLYTEK)-B



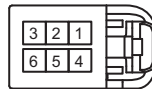
(B-220)  
B Power Amplifier ECU  
(iFLYTEK)-A



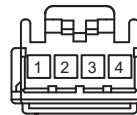
(B-221)  
B REAR SEAT-Six R 2nd  
Row Seat INLINE



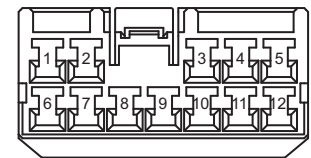
(B-222)  
B REAR SEAT-Six L 2nd  
Row Seat INLINE



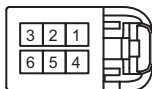
(B-223)  
B 3Row Seat Switch R Right  
Seat Adjustment SW



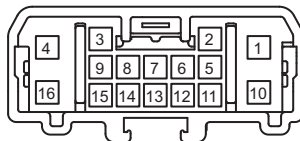
(B-224)  
B 3rd Row Right Seat



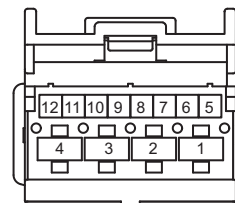
(B-225)  
B 3rd Row Left  
Seat Connector  
(Interior Wire Harness Side)



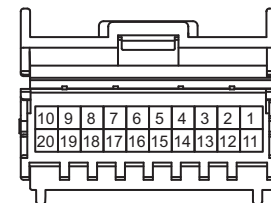
(B-226)  
B 3rd Row Left Seat  
Adjustment SW



(B-227)  
B Interior Wire Harness to  
Roof Wire Harness

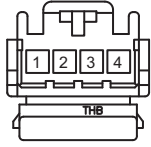


(B-228)  
B Power Amplifier A

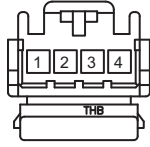


(B-229)  
B Power Amplifier B

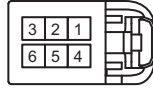
EPU017003



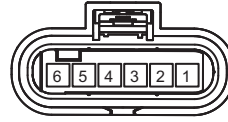
(B-230)  
B Super Woofer



(B-231)  
B Subwoofer



(B-232)  
B  
Trunk seat switch

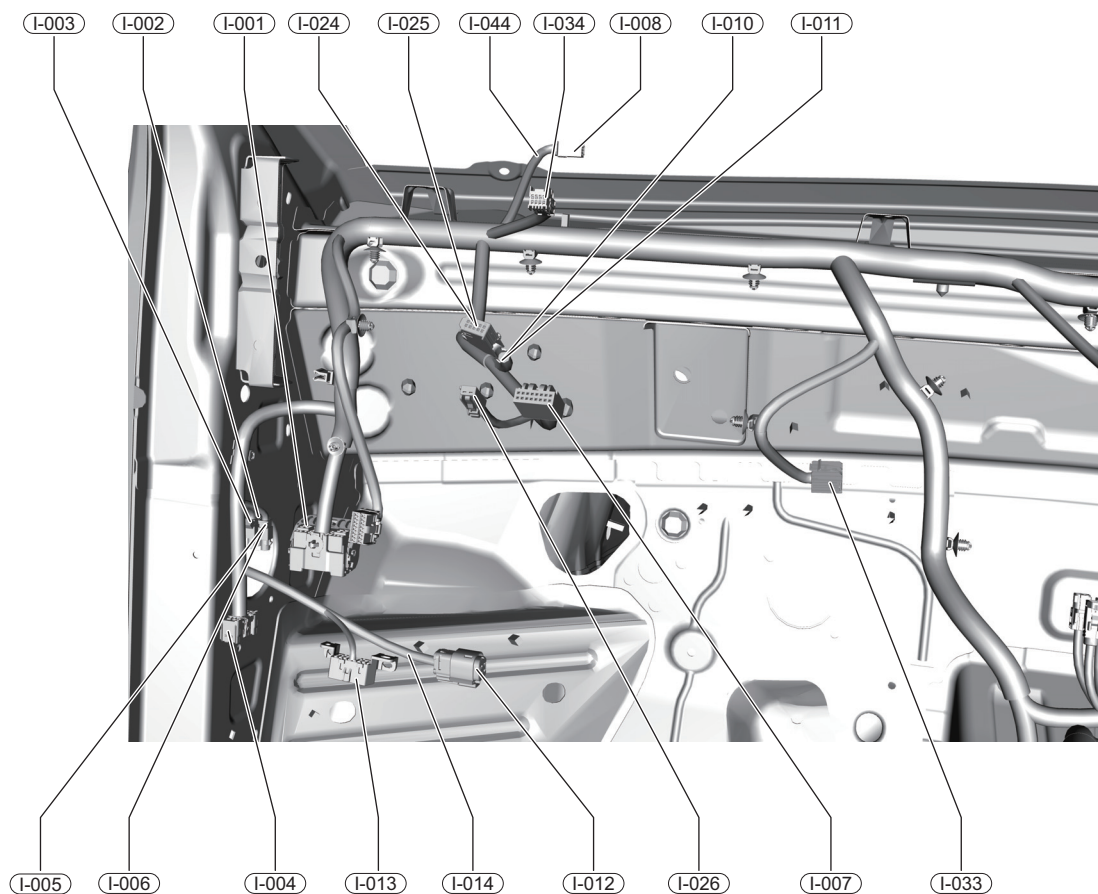


(B-233)  
B Torque Manager



(B-238)  
B Interior to Back Door  
Rear HD Camera Interface

## Instrument Panel Wire Harness

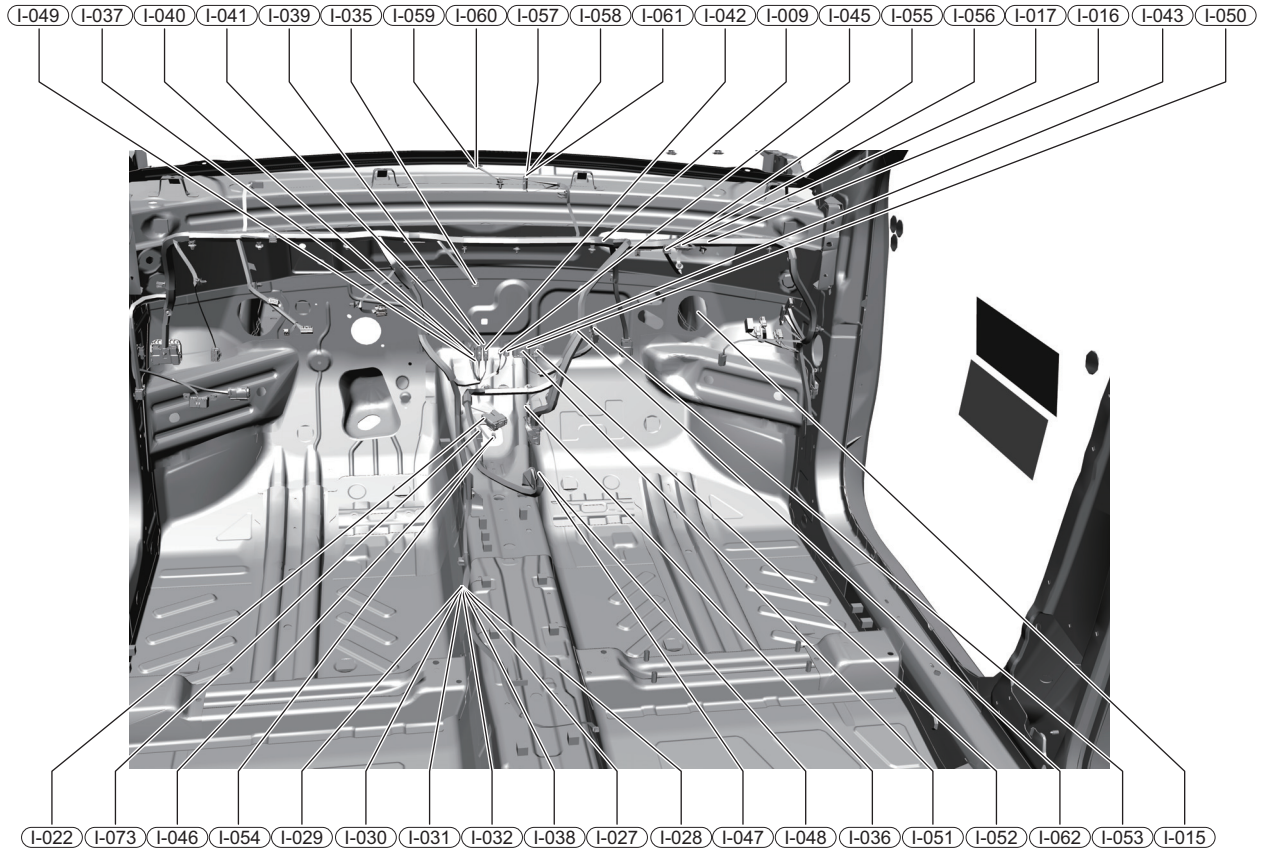


WHE027001

Connector Number	Connector Color/Pin	Connector Name
I-001	W/40	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)
I-002	/4	Instrument Panel Wire Harness to Interior APA/HD AVM/RVC
I-003	/1	Instrument Panel Wire Harness to Interior OMS
I-004	W/26	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)
I-005	/1	Instrument Panel Wire Harness to Interior DMS
I-006	/1	Instrument Panel Wire Harness to Interior DVR
I-007	B/16	Spiral Cable
I-008	W/8	Head Up Display
I-011	/6	Instrument Panel Lower Left Ambient Light (Electrodeless)
I-012	W/2	Foot Light
I-013	B/16	Diagnostic Interface
I-014	/2	Driver Knee Airbag
I-024	/10	Instrument Panel Combination SW

10

<b>Connector Number</b>	<b>Connector Color/Pin</b>	<b>Connector Name</b>
I-025	/10	Combination SW
I-026	/2	Steering Wheel Heating
I-033	/10	Electric Power Steering EPS-S
I-034	/8	Instrument Panel - Triple Screen
I-044	/4	Left Anion Generator



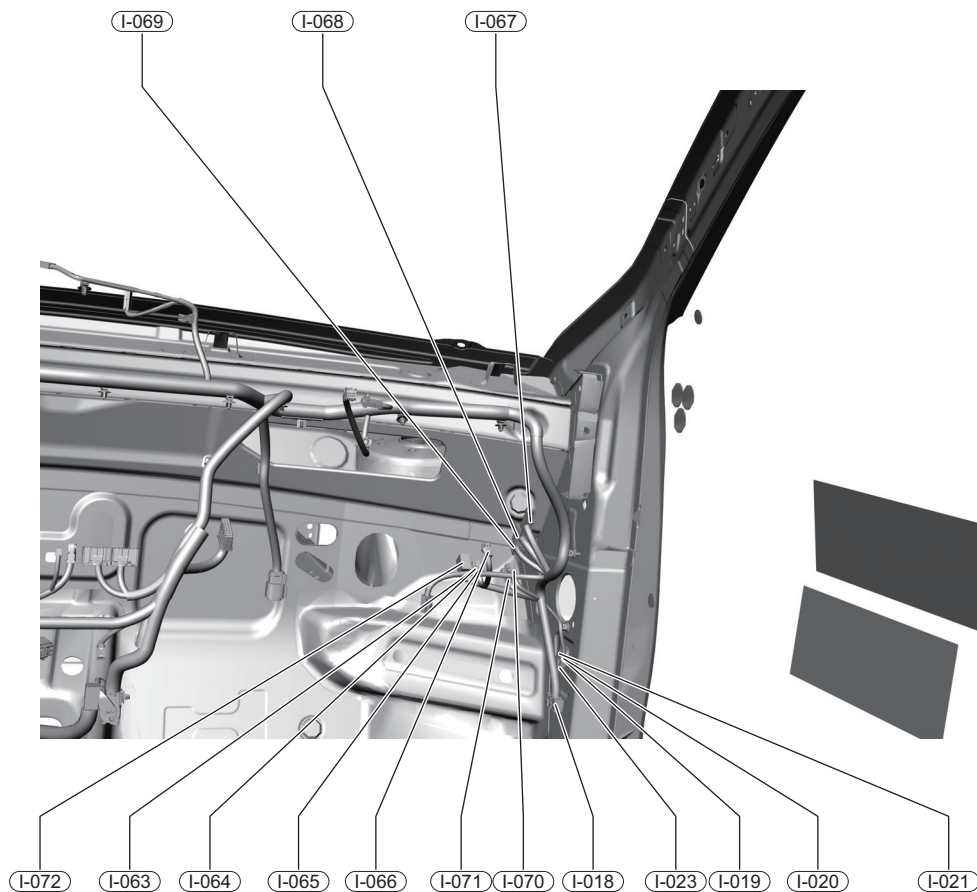
WHE028001

Connector Number	Connector Color/Pin	Connector Name
I-009	B/4	Front A/C Wire Harness Interface
I-015	W/22	Front A/C Wire Harness Interface
I-016	W/2	Glove Box Light
I-017	Y/2	Front Passenger Airbag
I-022	W/40	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3
I-027	/4	Rear TYPE C
I-028	/2	Central Control Low Frequency Antenna
I-030	/4	Instrument Panel Left Ambient Light (Electrodeless)
I-032	/4	Instrument Panel Right Ambient Light (Electrodeless)
I-035	/8	Audio - Triple Screen
I-036	/4	DMC TO Surround View Video Output
I-037	/4	DMC TO APA/HD AVM/RVC (FAPA-Domain Controller End)
I-038	W/12	Central Console Switch Assembly
I-039	/1	DMC TO AM/FM ANTENNA
I-040	/4	DMC TO AR/DVR/CVBox Four-in-one

10

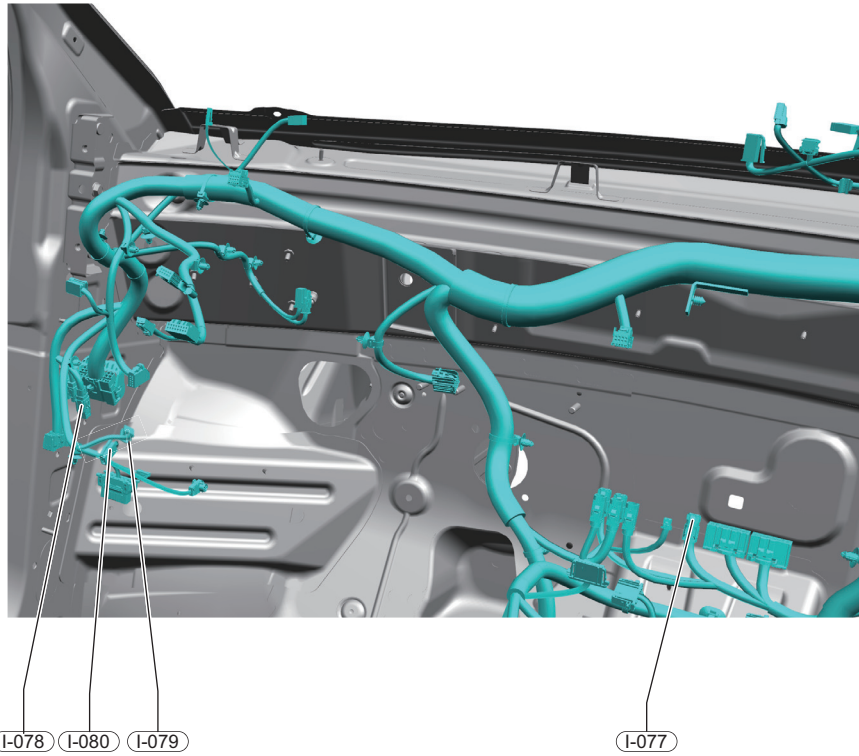
Connector Number	Connector Color/Pin	Connector Name
I-041	/4	DMC TO USB2 Domain Controller End
I-042	/4	DMC TO USB1 Domain Controller End
I-043	/2	A2B IHU/DMC Domain Controller
I-045	/2	DMC TO Ethernet Gateway
I-046	/2	Front TYPE C
I-047	/8	High Power Wireless Charging Right
I-048	/8	High Power Wireless Charging Left
I-049	/4	Fragrance System
I-050	/4	4G-TBOX Connector
I-051	/38	Audio Domain Controller A
I-052	/35	Audio Domain Controller B
I-053	/40	PEPS
I-054	/4	4G-TBOX Connector
I-056	/6	Instrument Panel Lower Right Ambient Light (Electrodeless)
I-058	/6	Instrument Panel Ambient Light (Electrodeless)
I-059	/2	Center Speaker
I-060	/2	Tweeter (Center)
I-061	/4	Instrument Panel Center Front Ambient Light (Electrodeless)
I-062	/8	Front Passenger - Triple Screen
I-073	/	USB TYPE C End





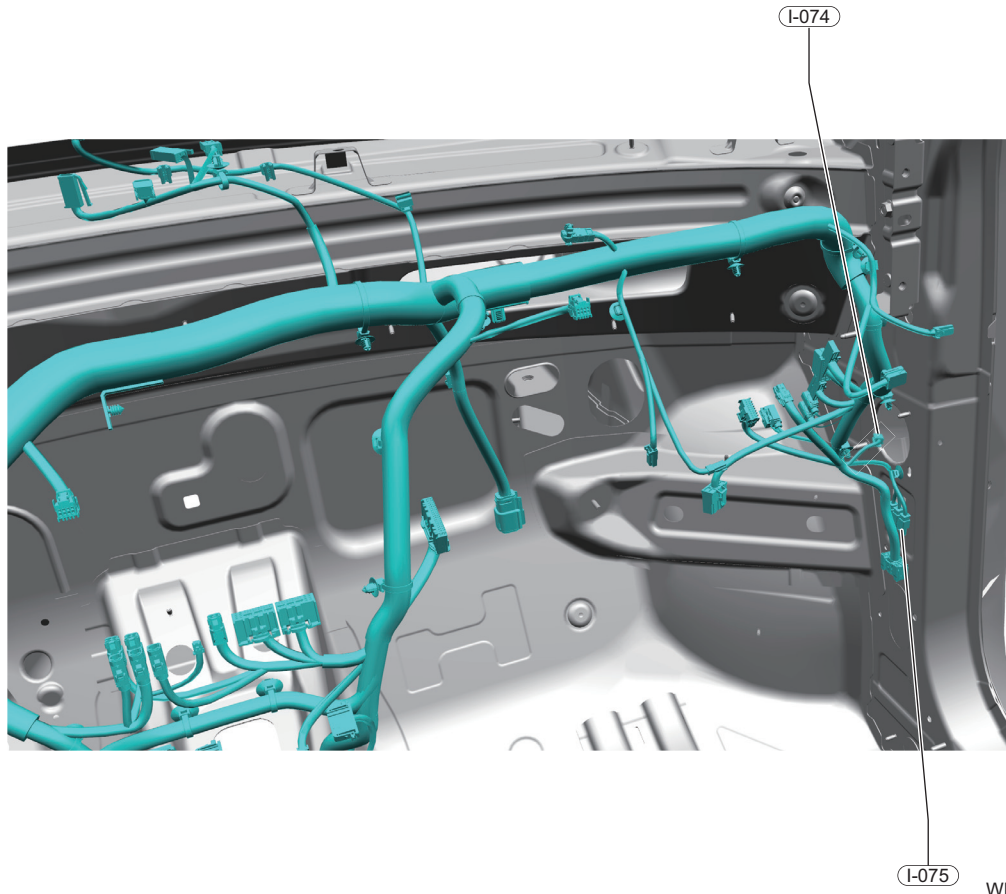
WHE029001

Connector Number	Connector Color/Pin	Connector Name
I-018	W/26	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4
I-019	/4	CV-BOX TO Four-in-one (DMS OMS RMS DVR)
I-020	/1	CV-BOX TO AR/DVR/CVBox
I-021	/4	CV-BOX TO USB CV-BOX End
I-023	/20	CVBOX
I-063	/1	IP TO MAIN APA/HD AVM/RVC
I-064	/1	Instrument Panel Wire Harness to Interior Wire harness DVR
I-065	/1	DMC TO MAIN-AM/FM ANTENNA
I-066	/2	DMC TO MAIN-ETHENET
I-067	/40	Ethernet Gateway Controller 1
I-068	/24	Ethernet Gateway Controller 2
I-069	/20	Central Gateway
I-070	/2	IP TO Ethernet Gateway End B
I-071	/2	IP TO Ethernet Gateway End A
I-072	/6	Front A/C Tank Assembly

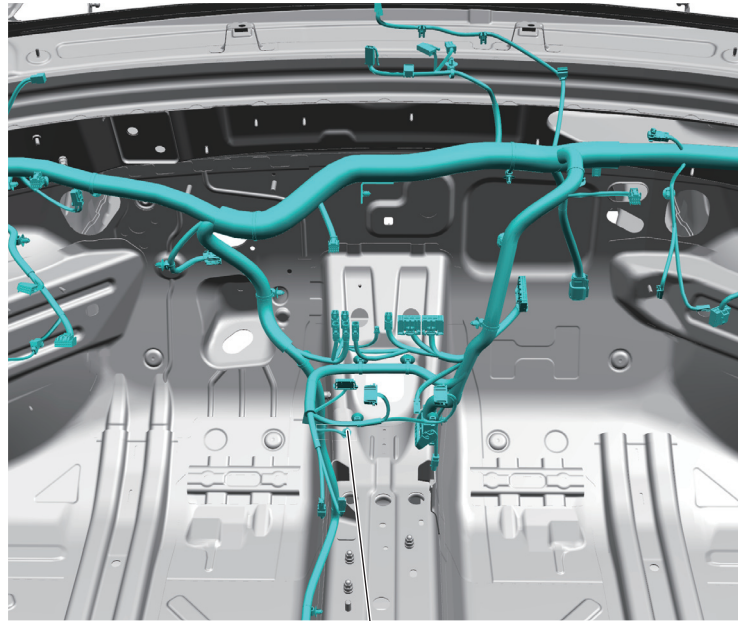


WHE029004

Connector Number	Connector Color/Pin	Connector Name
I-077	/	DMC TO GPS
I-078	/	IP TO MAIN-DAB
I-079	B/6	Instrument Panel Left Ambient Light
I-080	B/6	Speaker



Connector Number	Connector Color/Pin	Connector Name
I-074	B/6	Instrument Panel Right Ambient Light
I-075	/	DMS TO GPS

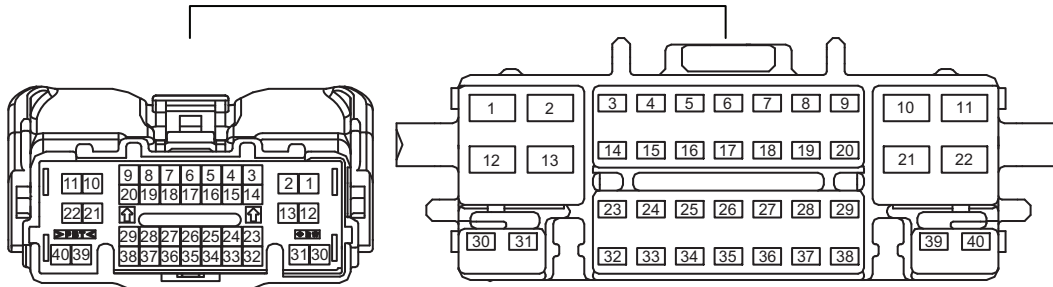


I-076

WHE029006

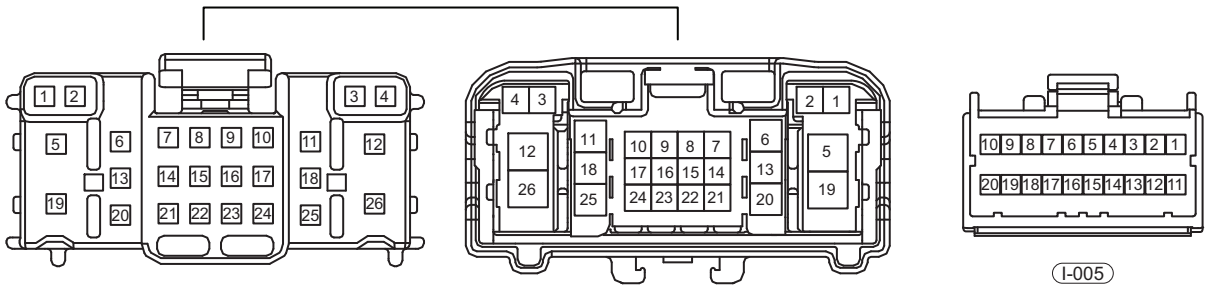
Connector Number	Connector Color/Pin	Connector Name
I-076	B/6	Auxiliary Fascia Console Ambient Light

# Instrument Wire Harness Connector List



**I-001**  
W Instrument Panel Wire Harness to Interior Floor Wire Harness 1

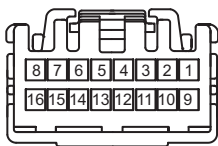
**B-105**  
W Interior Floor Wire Harness to Instrument Panel Wire Harness 1



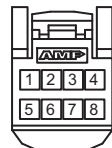
**I-004**  
W Instrument Panel Wire Harness to Interior Floor Wire Harness 2

**B-122**  
W Interior Floor Wire Harness to Instrument Panel Wire Harness 2

**I-005**  
B Headlight Adjustment Switch



**I-007**  
B (Spiral Cable) Multi-function Steering Wheel



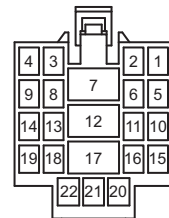
**I-008**  
W Head Up Display



**I-009**  
B Solar Sensor



**I-012**  
W Foot Light



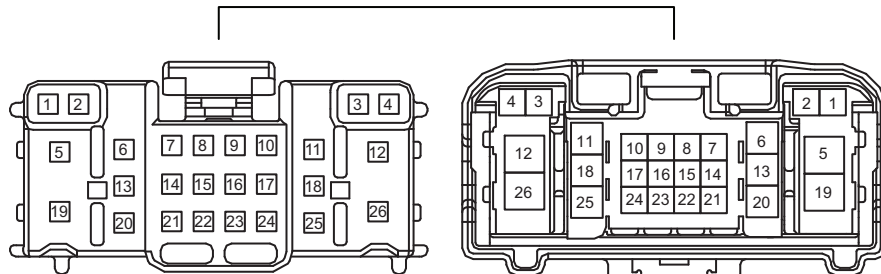
**I-015**  
W Front A/C Wire Harness Interface



**I-016**  
W Glove Box Light



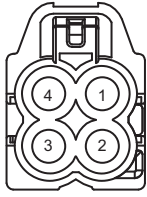
**I-017**  
Y Front Passenger Side Airbag



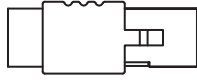
**I-018**  
W Instrument Panel Wire Harness to Interior Floor Wire Harness 4

**B-061**  
W Interior Floor Wire Harness to Instrument Panel Wire Harness 4

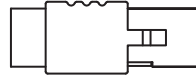
EPU018001



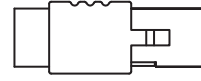
I-002  
B Instrument Panel  
Wire Harness to  
Interior APA/HD AVM/RVC



I-003  
B Instrument Panel  
Wire Harness to  
Interior OMS



I-005  
B Instrument Panel  
Wire Harness to  
Interior DMS



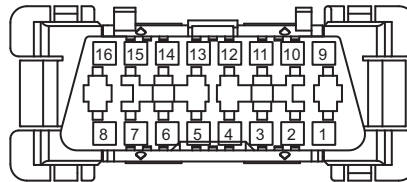
I-006  
B Instrument Panel  
Wire Harness to  
Interior DVR



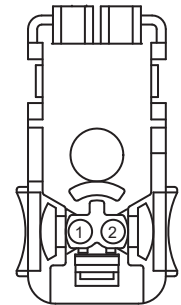
I-010  
B Instrument Panel  
Lower Left Ambient  
Light (Two-color)



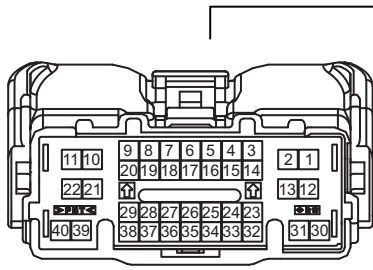
I-011  
B Instrument Panel  
Lower Left Ambient  
Light (Electrodeless)



I-013  
B Instrument Panel  
Wire Harness to  
Interior APA/HD AVM/RVC

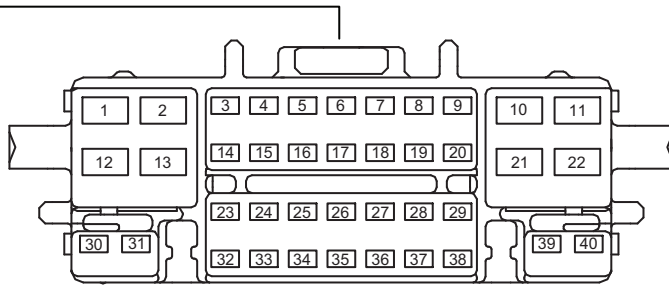


I-014  
B Driver Knee Airbag



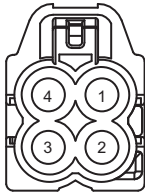
I-022

W Instrument Panel Wire Harness to Interior Floor Wire Harness 3



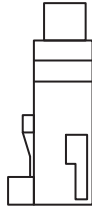
B-123

W Interior Floor Wire Harness to Instrument Panel Wire Harness 3



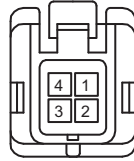
I-019

B CV-BOX TO Four-in-one (DMS OMS RMS DVR)



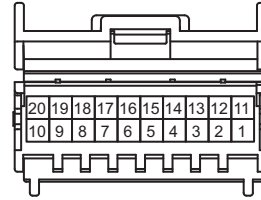
I-020

B CV-BOX TO AR/DVR/CVBox



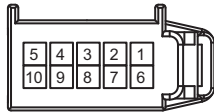
I-021

B USB CV-BOX End



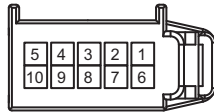
I-023

B CVBOX



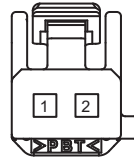
I-024

B Instrument Panel Combination SW



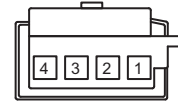
I-025

B Combination SW



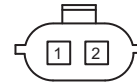
I-026

B Steering Wheel Heating



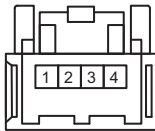
I-027

B Rear TYPE C



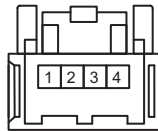
I-028

B Central Control Low Frequency Antenna



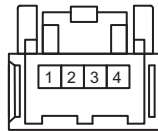
I-029

B Instrument Panel Left Ambient Light (Two-color)



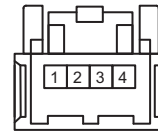
I-030

B Instrument Panel Left Ambient Light (Electrodeless)



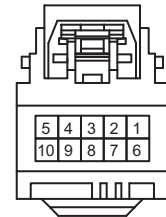
I-031

B Instrument Panel Right Ambient Light (Two-color)



I-032

B Instrument Panel Right Ambient Light (Electrodeless)



I-033

B Electric Power Steering EPS-S



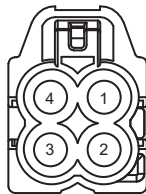
I-034

B Instrument Panel - Triple Screen



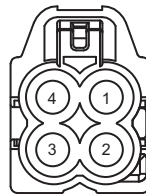
I-035

B Audio - Triple Screen



I-036

B DMC TO Surround View Video Output



I-037

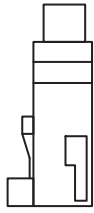
B (FAPA-Domain Controller End)



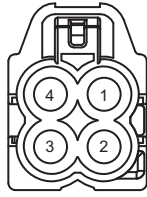
I-038

B Center Console Switch Assembly

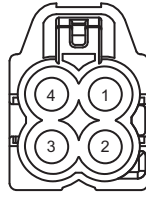
EPU019001



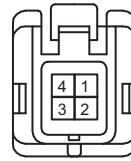
I-039  
B  
DMC TO AM/FM  
ANTENNA



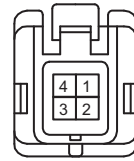
I-040  
B DMC TO AR/DVR/  
CVBox Four-in-one



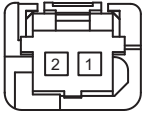
I-040  
B DMC TO AR/DVR/  
CVBox Four-in-one



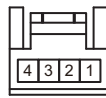
I-041  
B USB2 Domain  
Controller End



I-042  
B USB1 Domain  
Controller End



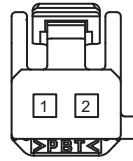
I-043  
B Domain Controller



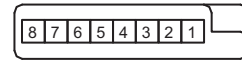
I-044  
B Left Ion Generator



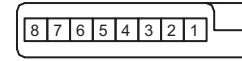
I-045  
B DMC TO  
Ethernet Gateway



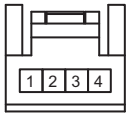
I-046  
B Front TYPE C



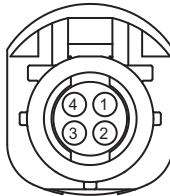
I-047  
B High Power Wireless  
Charging Right



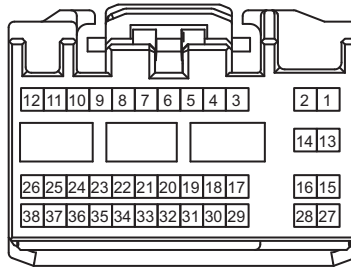
I-048  
B High Power Wireless  
Charging Left



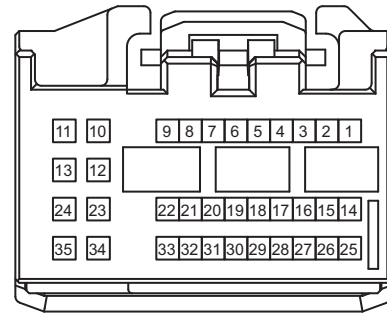
I-049  
B Fragrance  
System



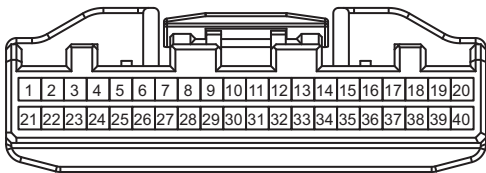
I-050  
B 4G-TBOX  
Connector



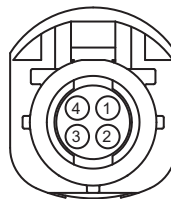
I-051  
B Audio Domain Controller A



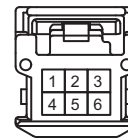
I-052  
B Audio Domain Controller B



I-053  
B  
PEPS



I-054  
B 4G-TBOX Connector



I-055  
B Instrument Panel  
Lower Right Ambient  
Light (Two-color)



I-056  
B Instrument Panel Lower Right  
Ambient Light (Electrodeless)

EU019002

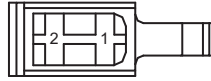




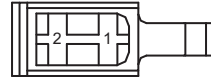
I-057  
B Instrument Panel Ambient Light (Two-color)



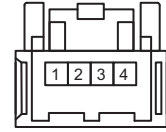
I-058  
B Instrument Panel Ambient Light (Electrodeless)



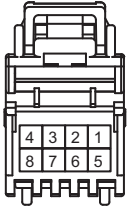
I-059  
B Center Speaker



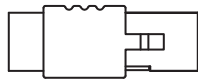
I-060  
B Tweeter (Center)



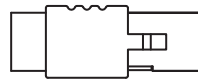
I-061  
B Instrument Panel Center Front Ambient Light (Electrodeless)



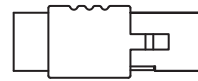
I-062  
B Front Passenger - Triple Screen



I-063  
B IP TO MAIN APA/HD AVM/RVC



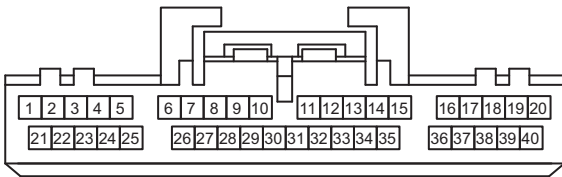
I-064  
B Instrument Panel Wire Harness to Interior Wire harness DVR



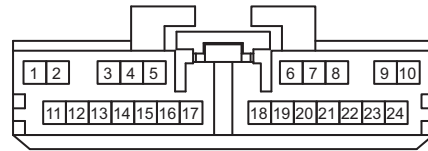
I-065  
B  
DMC TO MAIN-AM/FM ANTENNA



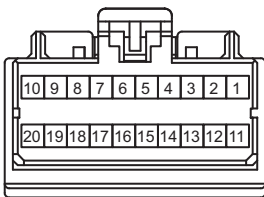
I-066  
B  
DMC TO MAIN-ETHERNET ANTENNA



I-067  
B Ethernet Gateway Controller 1



I-068  
B Ethernet Gateway Controller 2



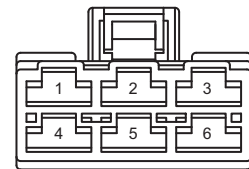
I-069  
B Central Gateway



I-070  
B IP TO Ethernet Gateway End B



I-071  
B IP TO Ethernet Gateway End A

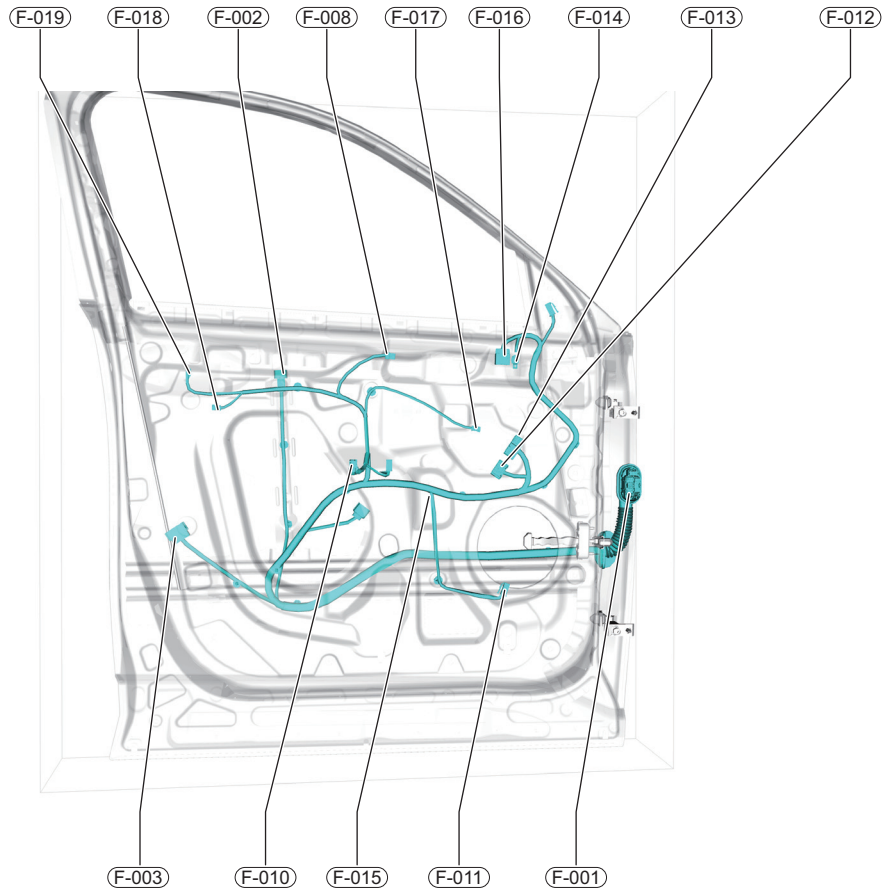


I-072  
B Front A/C Tank Assembly



I-073  
B USB TYPE C End

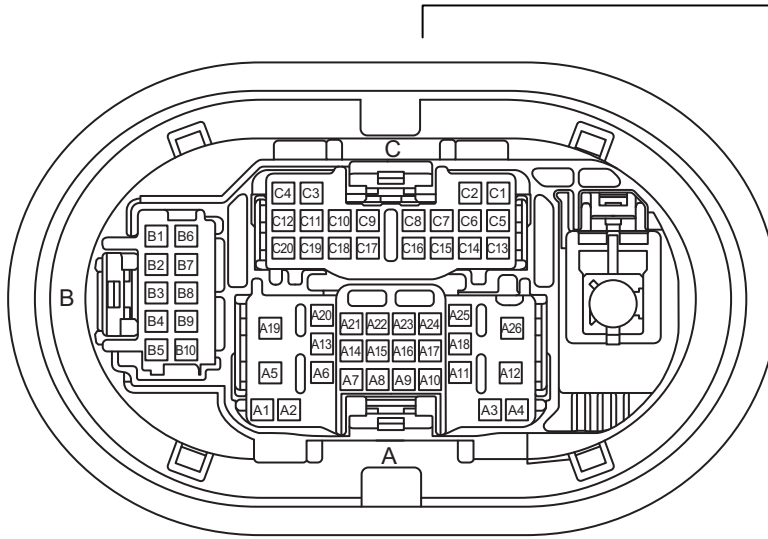
## Front Left Door Wire Harness



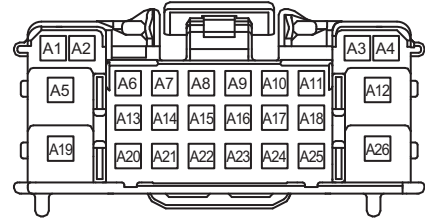
WHE031001

Connector Number	Connector Color/Pin	Connector Name
F-001	W/56	Front Left Door Wire Harness to Interior Floor Wire Harness Connector
F-002	B/2	Door Handle Sensor FL
F-003	P/7	Front Left Door Lock - Double-opening
F-008	W/16	Front Left Window Switch 1
F-010	B/2	Front Left Door Glass Regulator
F-011	B/2	Door Woofer FL
F-012	W/28	Door Control Module A
F-013	W/20	Door Control Module B
F-014	B/1	Left Side HD Camera
F-015	B/2	Front Left Door Tweeter
F-016	W/16	Left Rear View Mirror Interface
F-017	/6	Door Panel Ambient Light FL Lower
F-018	/6	Door Panel Ambient Light FL Upper
F-019	/10	Driver Seat Adjustment Switch

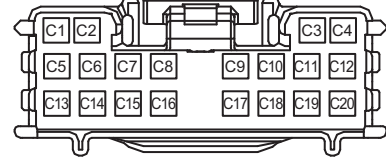
# Front Left Door Wire Harness Connector List



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



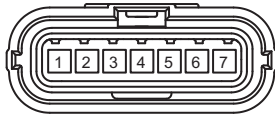
**(B-120)**  
W Interior Floor Wire Harness to Front Left Door Wire Harness 1



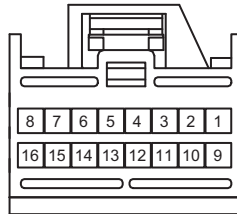
**(B-121)**  
W Interior Floor Wire Harness to Front Left Door Wire Harness 2



**(F-002)**  
B Front Left Door Handle Switch



**(F-003)**  
P Front Left Door Lock - Double-opening



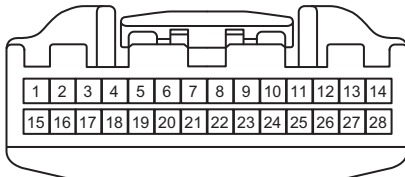
**(F-008)**  
Br Front Left Window Switch 1



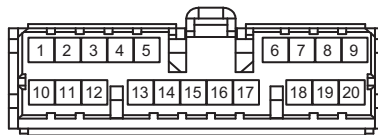
**(F-010)**  
B Front Left Door Glass Regulator



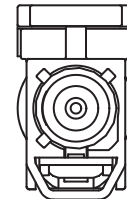
**(F-011)**  
B Front Left Door Woofer



**(F-012)**  
W Door Control Module A



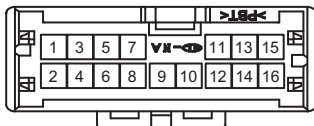
**(F-013)**  
W Door Control Module B



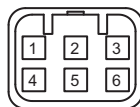
**(F-014)**  
B Left HD Camera



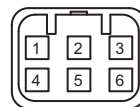
**(F-015)**  
B Front Left Door Tweeter



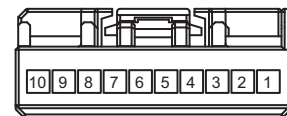
**(F-016)**  
W Left Rear View Mirror Interface



**(F-017)**  
B Door Panel Ambient Light FL Lower



**(F-018)**  
B Door Panel Ambient Light FL Upper

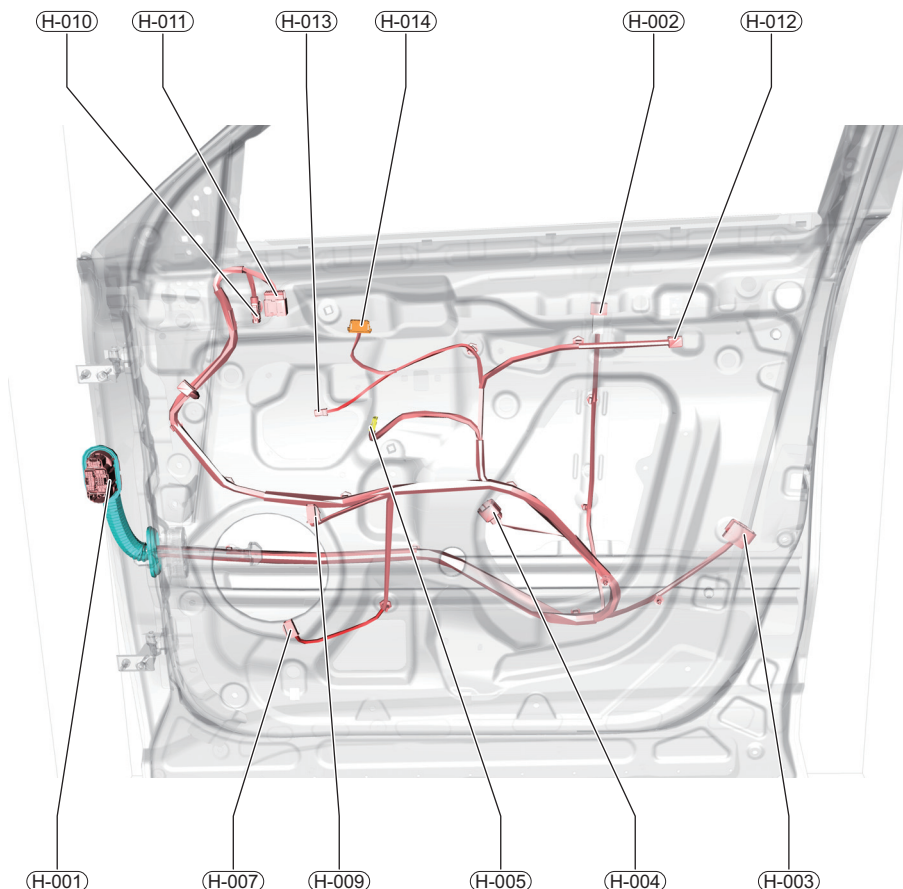


**(F-019)**  
B Driver Seat Adjustment Switch

10

EPU020001

### Front Right Door Wire Harness

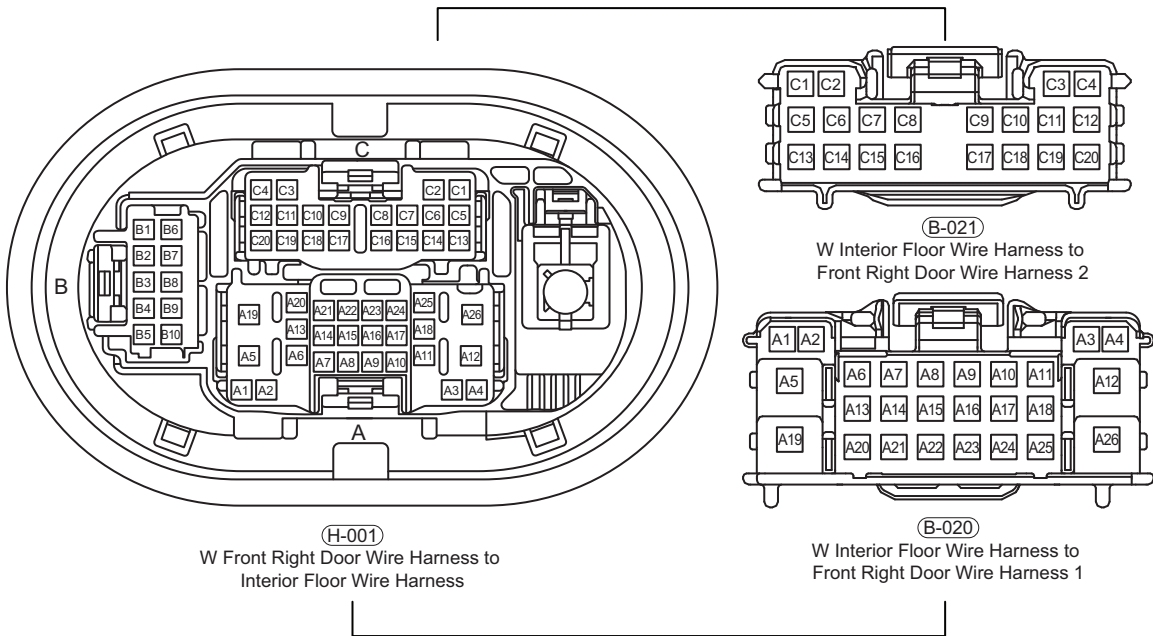



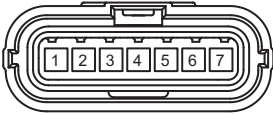

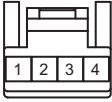
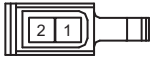
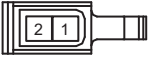

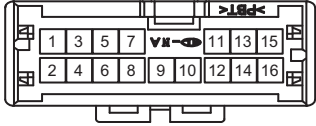
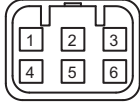
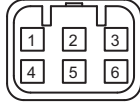
WHE032001

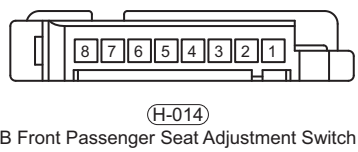
10

Connector Number	Connector Color/Pin	Connector Name
H-001	W/56	Front Right Door Wire Harness to Interior Floor Wire Harness Connector
H-002	B/2	Front Right Door Handle Sensor
H-003	P/7	Front Right Door Lock - Double-opening
H-004	B/2	Front Right Door Glass Regulator
H-005	B/4	Front Right Window Switch
H-007	B/2	Front Right Door Woofer
H-009	B/2	Front Right Door Tweeter
H-010	B/1	Right Side HD Camera
H-011	W/16	Right Rear View Mirror Interface
H-012	/6	Door Panel Ambient Light FR Lower
H-013	/6	Door Panel Ambient Light FR Upper
H-014	/8	Front Passenger Seat Adjustment Switch

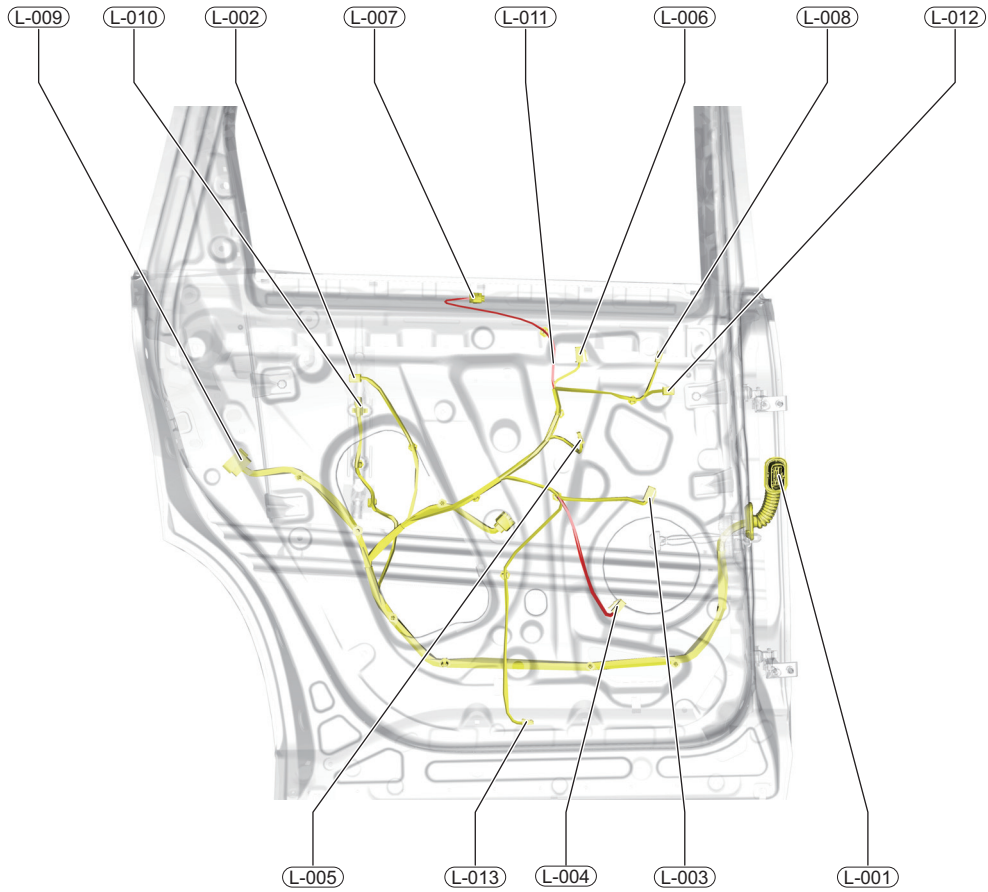
# Front Right Door Wire Harness Connector List



-   
**(H-002)**  
 B Front Right Door Handle Switch
-   
**(H-003)**  
 P Front Right Door Lock - Double-opening
-   
**(H-004)**  
 B Front Right Door Glass Regulator
-   
**(H-005)**  
 B Front Right Window Switch
-   
**(H-007)**  
 B Front Right Door Woofer
-   
**(H-009)**  
 B Front Right Door Tweeter
-   
**(H-010)**  
 B Right HD Camera
-   
**(H-011)**  
 W Right Rear View Mirror Interface
-   
**(H-012)**  
 B Door Panel Ambient Light FR Lower
-   
**(H-013)**  
 B Door Panel Ambient Light FR Upper



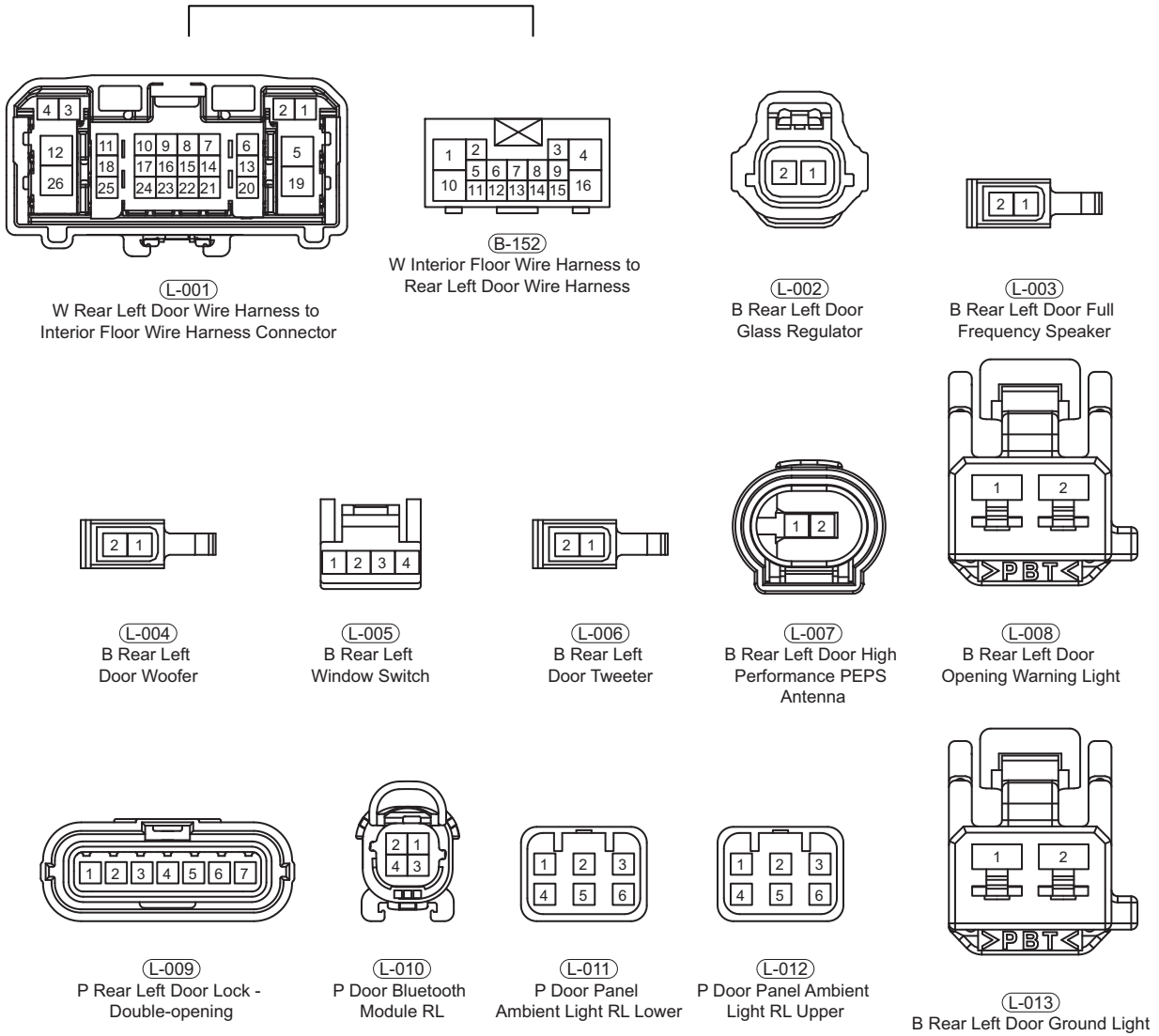
## Rear Left Door Wire Harness



WHE033001

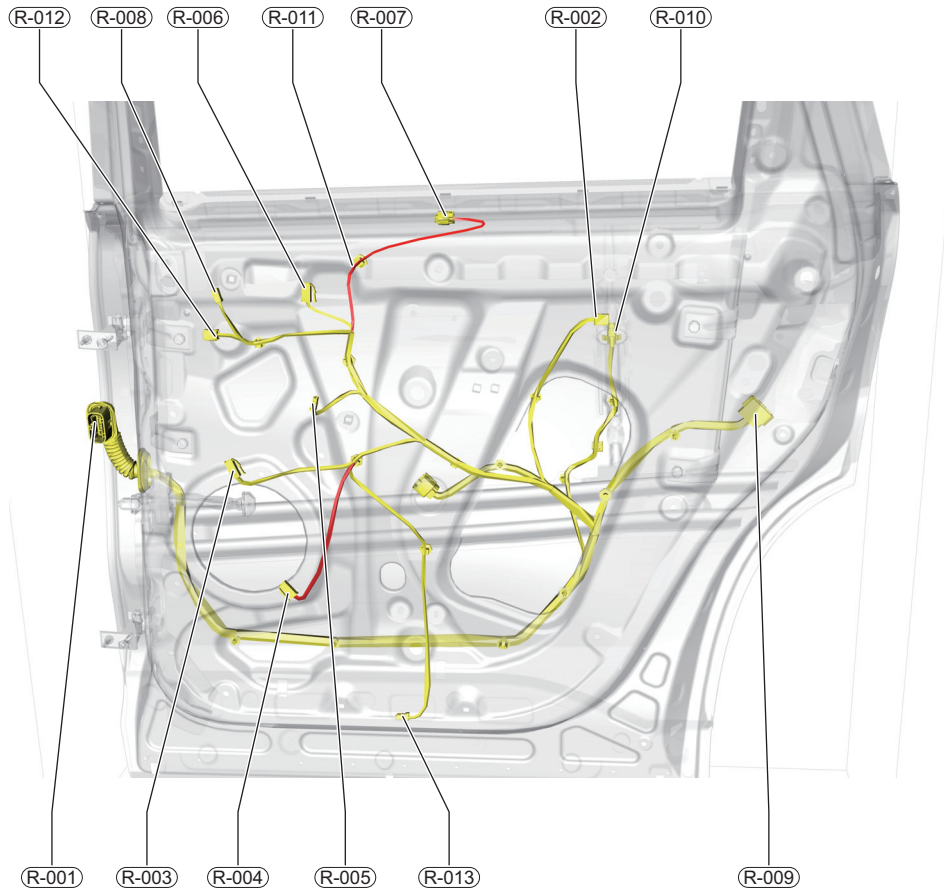
Connector Number	Connector Color/Pin	Connector Name
L-001	W/26	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector
L-002	B/2	Rear Left Door Glass Regulator
L-003	B/2	Rear Left Door Full-range Speaker
L-004	B/2	Door Woofer RL
L-005	B/4	Rear Left Window Switch
L-006	B/2	Rear Left Door Tweeter
L-007	B/2	Rear Left Door High Performance PEPS Antenna
L-008	B/2	Rear Left Door Opening Warning Indicator Light
L-009	P/7	Rear Left Door Lock - Double-opening
L-010	/4	Door Bluetooth Module RL
L-011	/6	Door Panel Ambient Light RL Lower
L-012	/6	Door Panel Ambient Light RL Upper
L-013	/2	Rear Left Door Ground Light

## Rear Left Door Wire Harness Connector List





## Rear Right Door Wire Harness

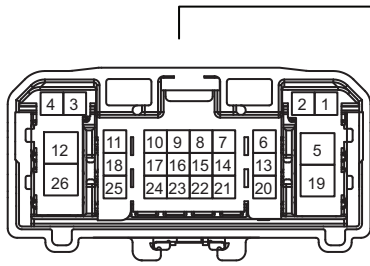


WHE034001

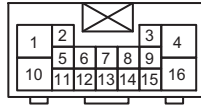
Connector Number	Connector Color/Pin	Connector Name
R-001	W/26	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector
R-002	B-2	Rear Right Door Glass Regulator
R-003	B/2	Rear Right Door Full-range Speaker
R-004	B/2	Door Woofer RR
R-005	B/4	Rear Right Window Switch
R-006	B/2	Rear Right Door Tweeter
R-007	B/2	Rear Right Door High Performance PEPS Antenna
R-008	B/2	Rear Right Door Opening Warning Indicator Light
R-009	P/7	Rear Right Door Lock
R-010	/4	Door Bluetooth Module RR
R-011	/6	Door Panel Ambient Light RR Lower
R-012	/6	Door Panel Ambient Light RR Upper
R-013	/2	Rear Right Door Ground Light



# Rear Right Door Wire Harness Connector List



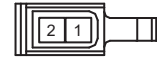
(R-001)  
W Rear Right Door Wire Harness to Interior Floor Wire Harness



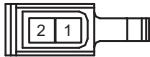
(B-073)  
W Interior Floor Wire Harness to Rear Right Door Wire Harness



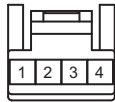
(R-002)  
B Rear Right Door Glass Regulator



(R-003)  
B Rear Right Door Full Frequency Speaker



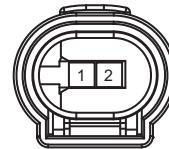
(R-004)  
B Rear Right Door Woofer



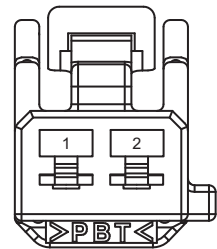
(R-005)  
B Rear Right Window Switch



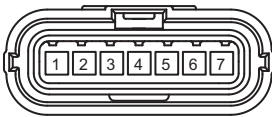
(R-006)  
B Rear Right Door Tweeter



(R-007)  
B Rear Right Door High Performance PEPS Antenna



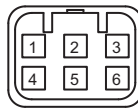
(R-008)  
B Rear Right Door Opening Warning Light



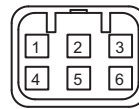
(R-009)  
P Rear Left Door Lock - Double-opening



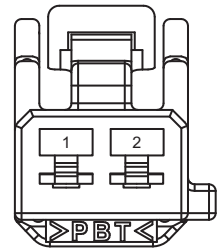
(R-010)  
P Door Bluetooth Module RR



(R-011)  
P Door Panel Ambient Light RR Lower

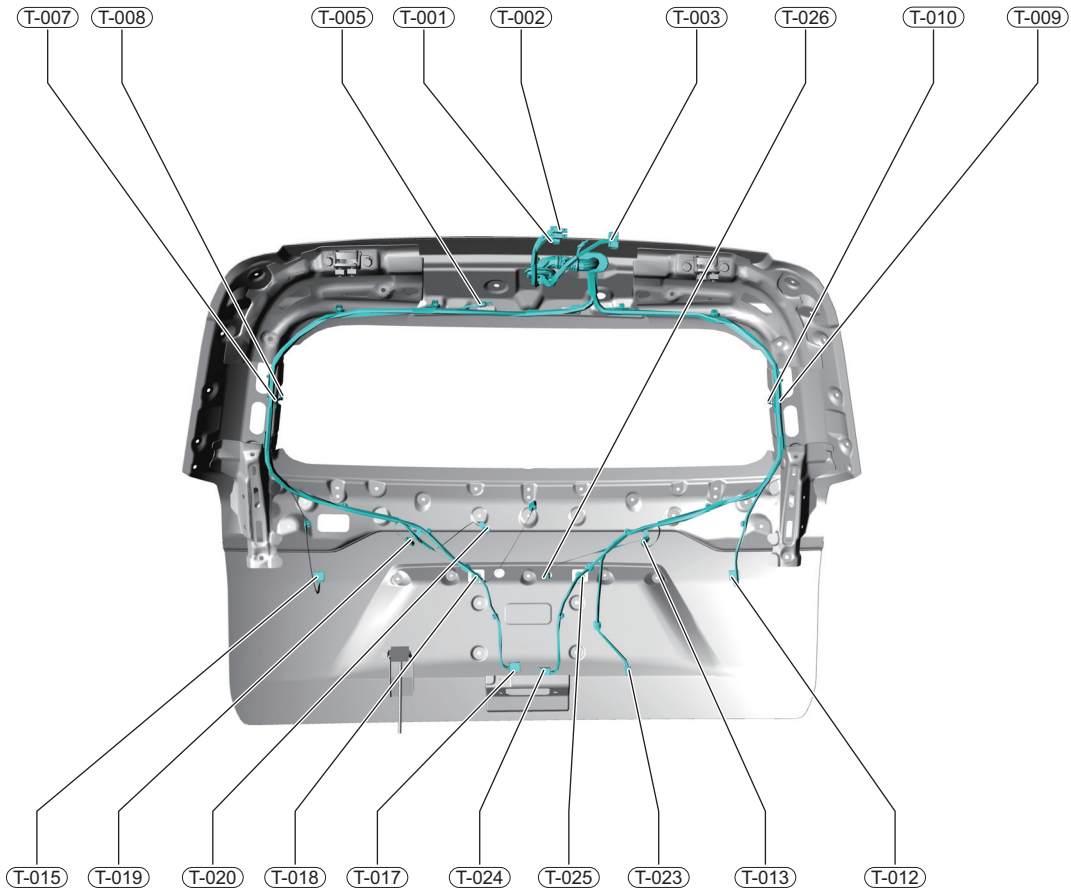


(R-012)  
P Door Panel Ambient Light RR Upper



(R-013)  
B Rear Right Door Ground Light

## Back Door Wire Harness

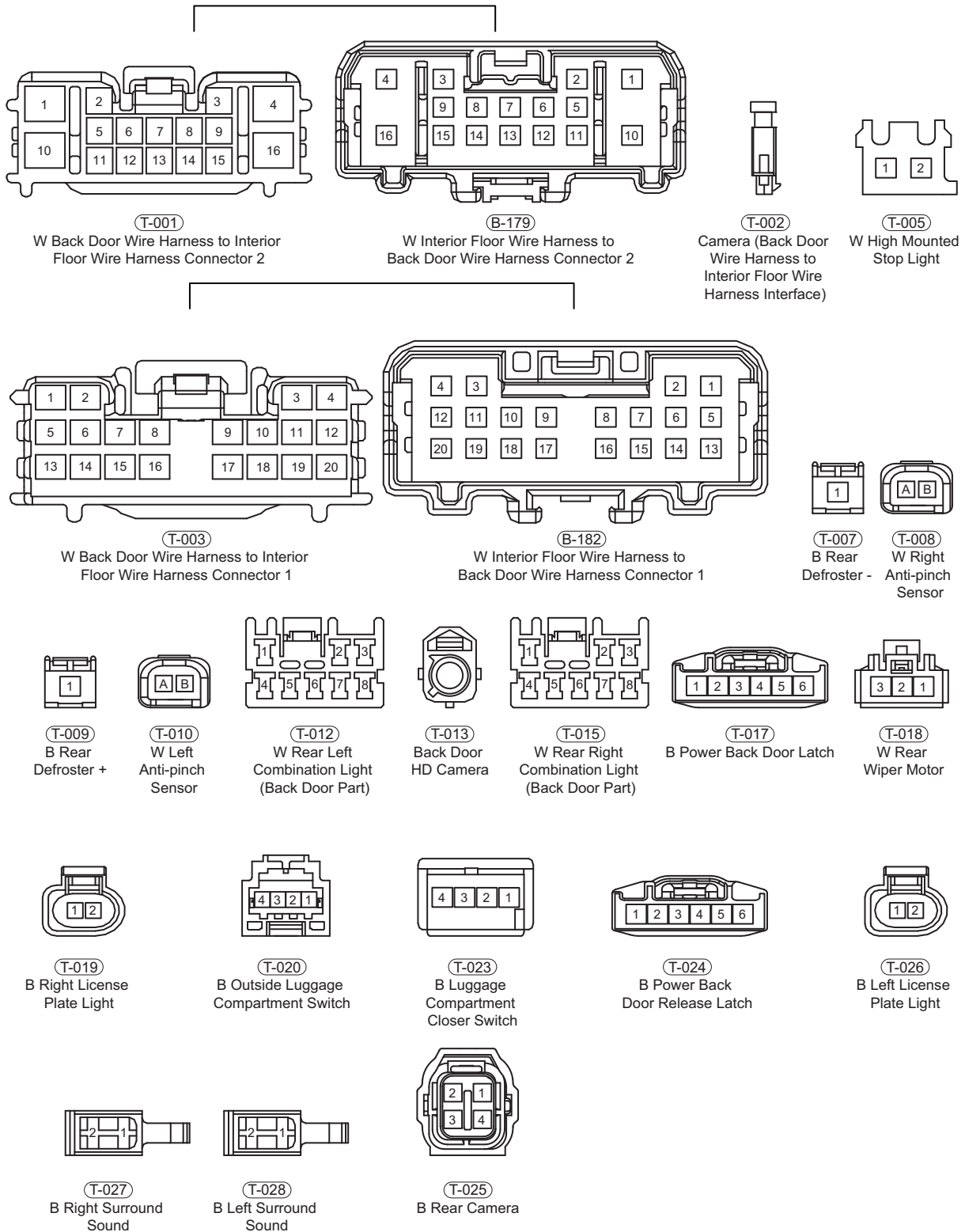


WHE035001

Connector Number	Connector Color/Pin	Connector Name
T-001	W/16	Back Door Wire Harness to Interior Floor Wire Harness Connector 2
T-002	/1	Camera (Back Door Wire Harness to Interior Floor Wire Harness Interface)
T-003	W/20	Back Door Wire Harness to Interior Floor Wire Harness Connector 1
T-005	W/2	High Mounted Stop Light
T-007	B/1	Rear Defroster-
T-008	W/2	Right Anti-pinch Sensor
T-009	B/1	Rear Defroster+
T-010	W/2	Left Anti-pinch Sensor
T-012	W/8	Rear Left Combination Light (Back Door Part)
T-013	/1	Back Door HD Camera
T-015	W/8	Rear Right Combination Light (Back Door Part)
T-017	B/6	Power Back Door Latch
T-018	W/3	Rear Wiper Motor
T-019	B/2	License Plate Light RH

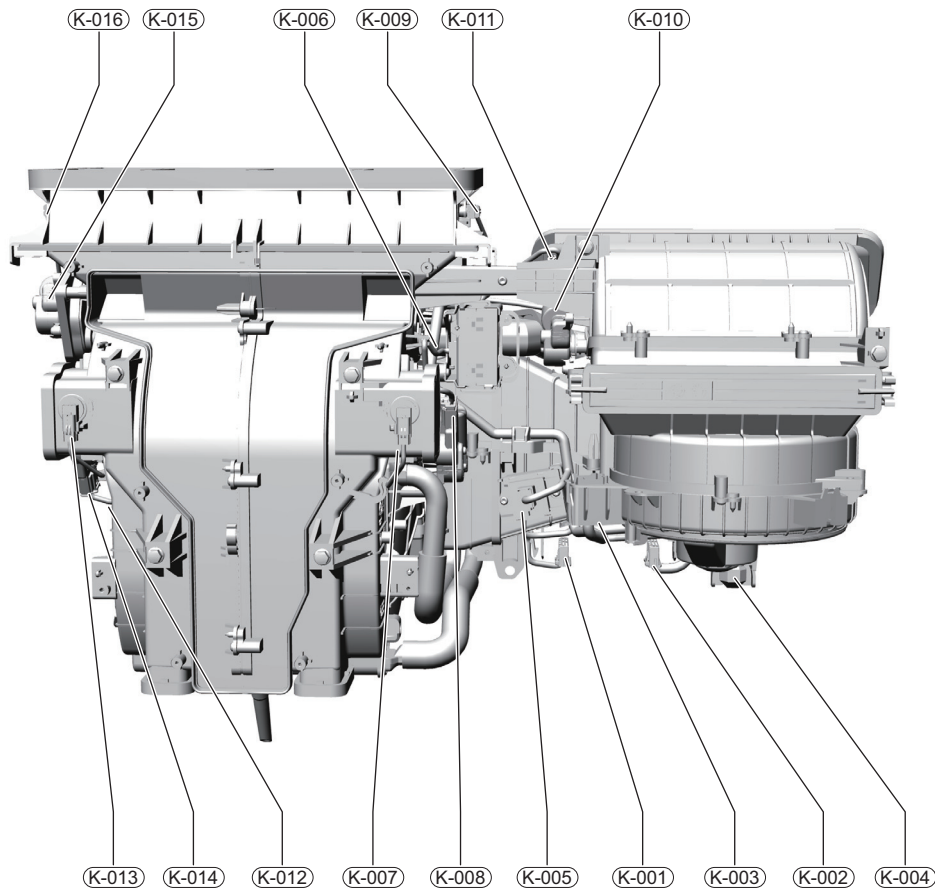
<b>Connector Number</b>	<b>Connector Color/Pin</b>	<b>Connector Name</b>
T-020	B/4	External Luggage Compartment Switch
T-023	B/4	Luggage Compartment OFF Switch
T-024	B/6	Power Back Door Release Latch
T-025	B/4	Rear Camera
T-026	B/2	License Plate Light LH

## Back Door Wire Harness Connector List



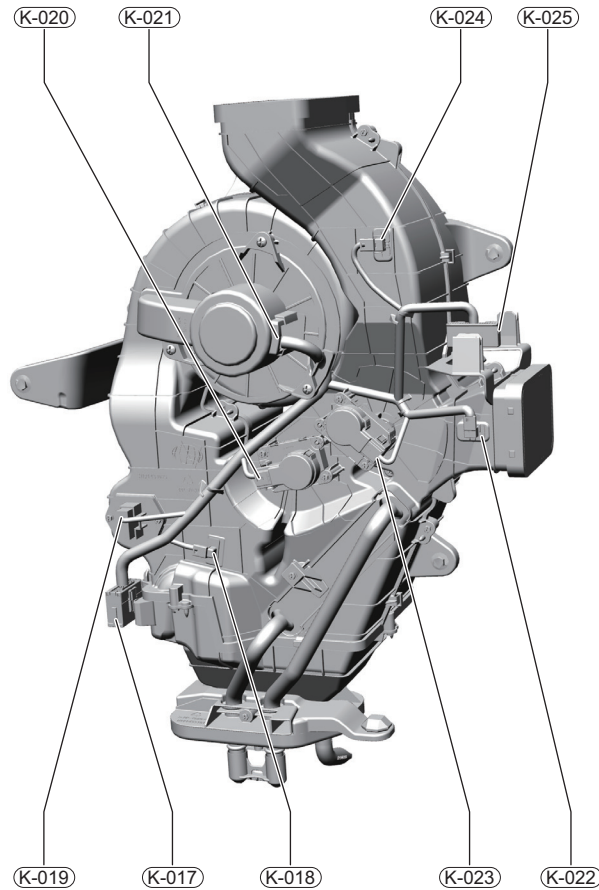
10

## Auto A/C Wire Harness



WHE039001

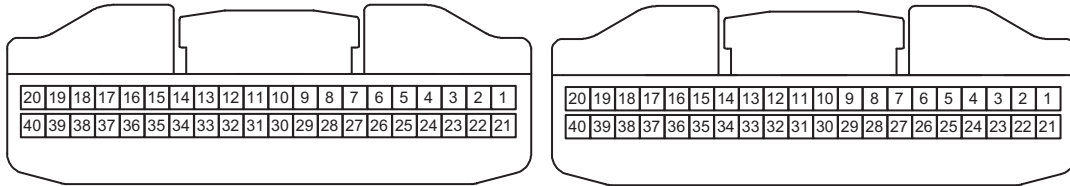
Connector Number	Connector Color/Pin	Connector Name
K-001	W/40	Automatic A/C Module A
K-002	W/40	Automatic B/C Module B
K-003	W/22	A/C Wire Harness to Instrument Panel Wire Harness Interface
K-004	W/2	Blower
K-005	Br/3	Blower Speed Regulation Module
K-006	B/5	PM2.5 Sensor
K-007	B/3	Right Foot Temperature Sensor
K-008	B/6	Right Temperature Damper Motor
K-009	B/3	Right Face Temperature Sensor
K-010	Br/6	Circulation Damper Motor
K-011	Br/3	AQS Sensor
K-012	W/2	Evaporator Temperature Sensor
K-013	B/3	Left Foot Temperature Sensor
K-014	Br/6	Left Temperature Damper Motor
K-015	Br/6	Mode Damper Motor
K-016	B/3	Left Face Temperature Sensor



WHE038001

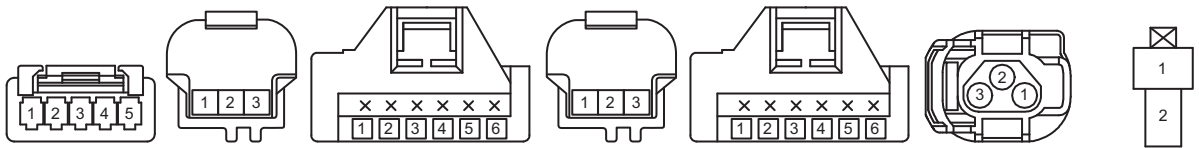
Connector Number	Connector Color/Pin	Connector Name
K-017	W/15	Rear A/C Wire Harness to Interior Wire Harness Interface
K-018	B/2	Evaporator Temperature Sensor
K-019	W/3	Blower Speed Regulation Module
K-020	B/6	Temperature Damper Motor
K-021	B/2	Blower
K-022	B/2	Foot Temperature Sensor
K-023	B/6	Mode Damper Motor
K-024	B/2	Face Temperature Sensor
K-025	W/40	Rear A/C Control Module

# Auto A/C Wire Harness Connector List



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

(K-002)  
W Automatic A/C Module B



(K-006)  
B PM2.5  
Sensor

(K-007)  
B Right Foot  
Temperature  
Sensor

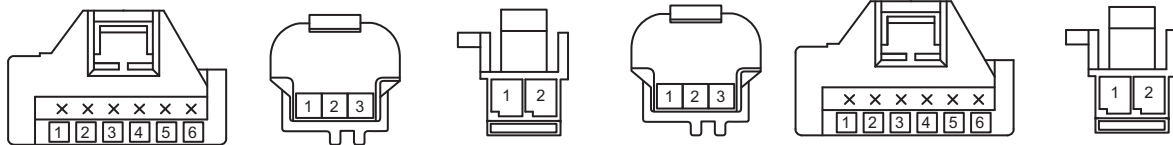
(K-008)  
B Right  
Temperature  
Damper Motor

(K-009)  
B Right Face  
Temperature  
Sensor

(K-010)  
Br Circulation  
Damper Motor

(K-011)  
Br AQS Sensor

(K-021)  
B Blower



(K-015)  
Br Mode Damper  
Motor

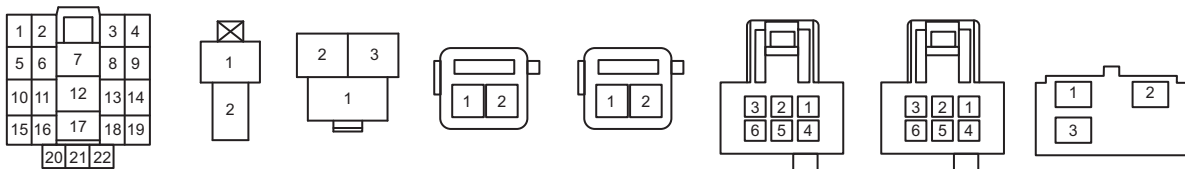
(K-016)  
B Left Face  
Temperature  
Sensor

(K-012)  
W Evaporator  
Temperature  
Sensor

(K-013)  
B Left Foot  
Temperature  
Sensor

(K-014)  
Br Left Temperature  
Damper Motor

(K-018)  
B Evaporator  
Temperature  
Sensor



(K-003)  
W A/C Wire Harness  
to Instrument Wire  
Harness Interface

(K-004)  
W Blower

(K-005)  
Br Blower  
Speed Regulation  
Module

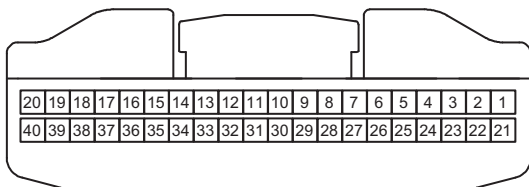
(K-022)  
B Foot  
Temperature  
Sensor

(K-024)  
B Face  
Temperature  
Sensor

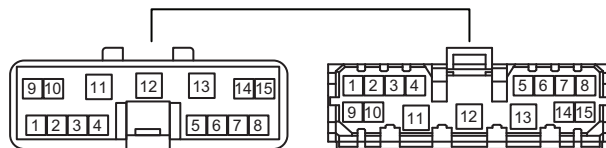
(K-020)  
B Temperature  
Damper Motor

(K-023)  
B Mode  
Damper Motor

(K-019)  
W Blower Speed  
Regulation Module



(K-025)  
W Rear A/C Control Module

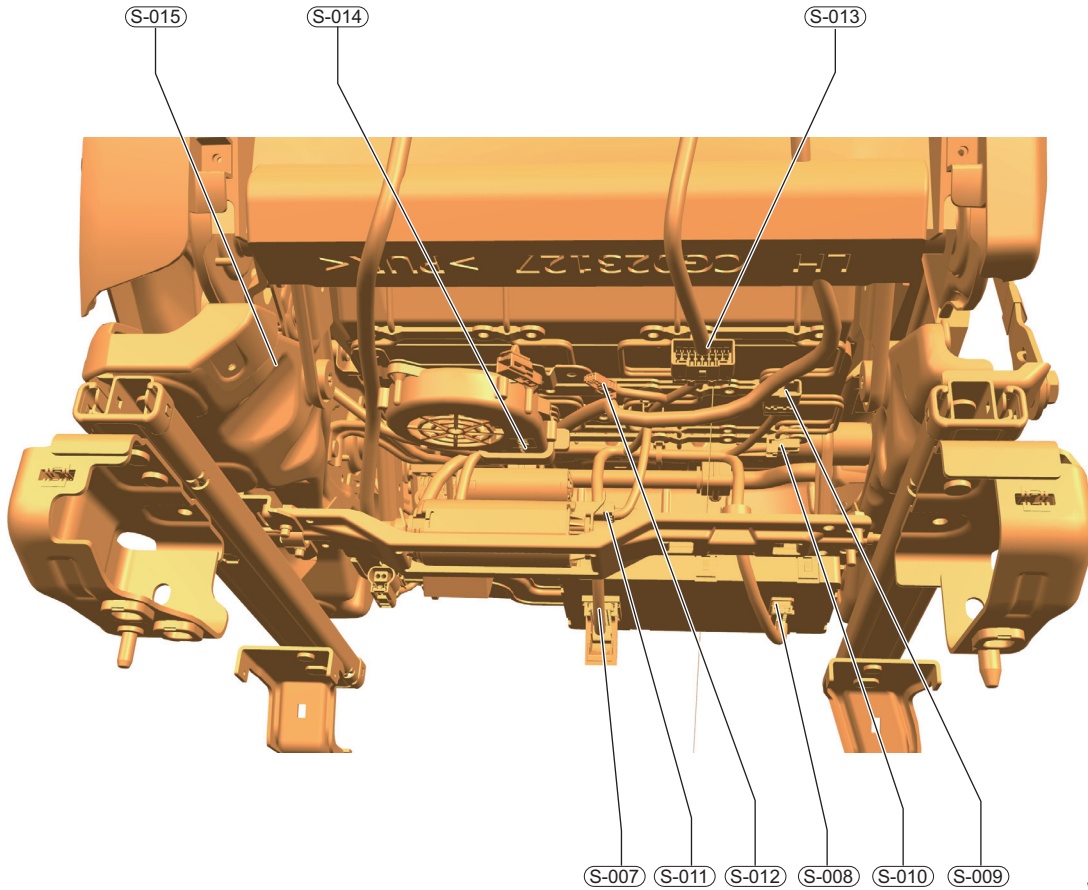


(K-017)  
W Rear A/C Wire Harness to  
Interior Wire Harness Interface

(B-170)  
W Interior Wire Harness Interface to  
Rear A/C Wire Harness

EPU025001

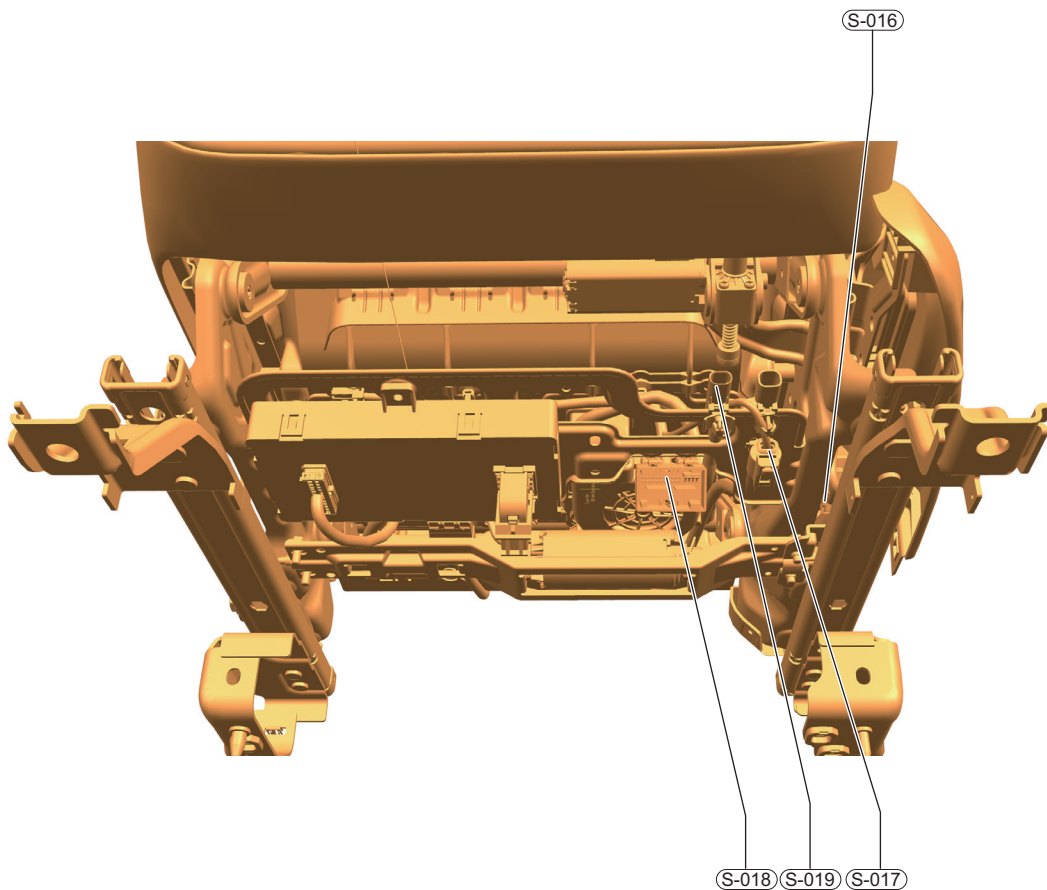
Seat Wire Harness



WHE097001

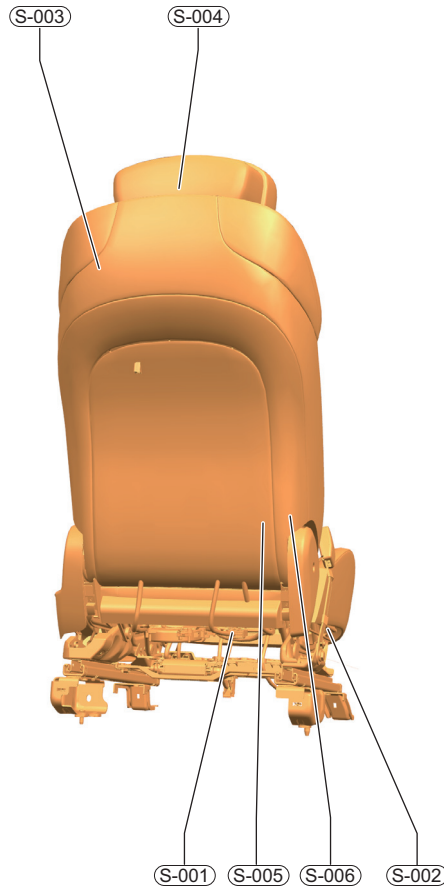
Connector Number	Connector Color/Pin	Connector Name
S-007	B/20	Front Left ECU B
S-008	B/52	Front Left ECU A
S-009	B/40	Front Left Heating Pad Interface
S-010	B/16	Front Left BUCKLE Interface
S-011	B/5	Front Left Horizontal Motor Interface
S-012	B/3	Front Left Seat Cushion Ventilation Interface
S-013	B/20	Front Left Adapter 1
S-014	B/4	Front Left TILT Motor
S-015	B/6	Front Left Lumbar Support Switch Interface





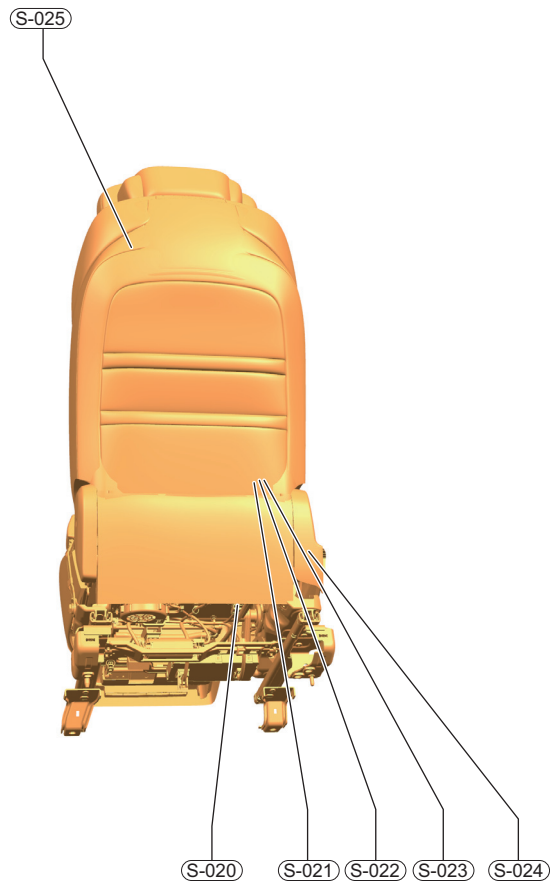
WHE097002

Connector Number	Connector Color/Pin	Connector Name
S-016	B/4	Front Left Raising Motor Interface
S-017	B/2	Front Left SAB Interface
S-018	B/2	Front Left Vehicle Interface
S-019	B/2	FSAB



WHE097003

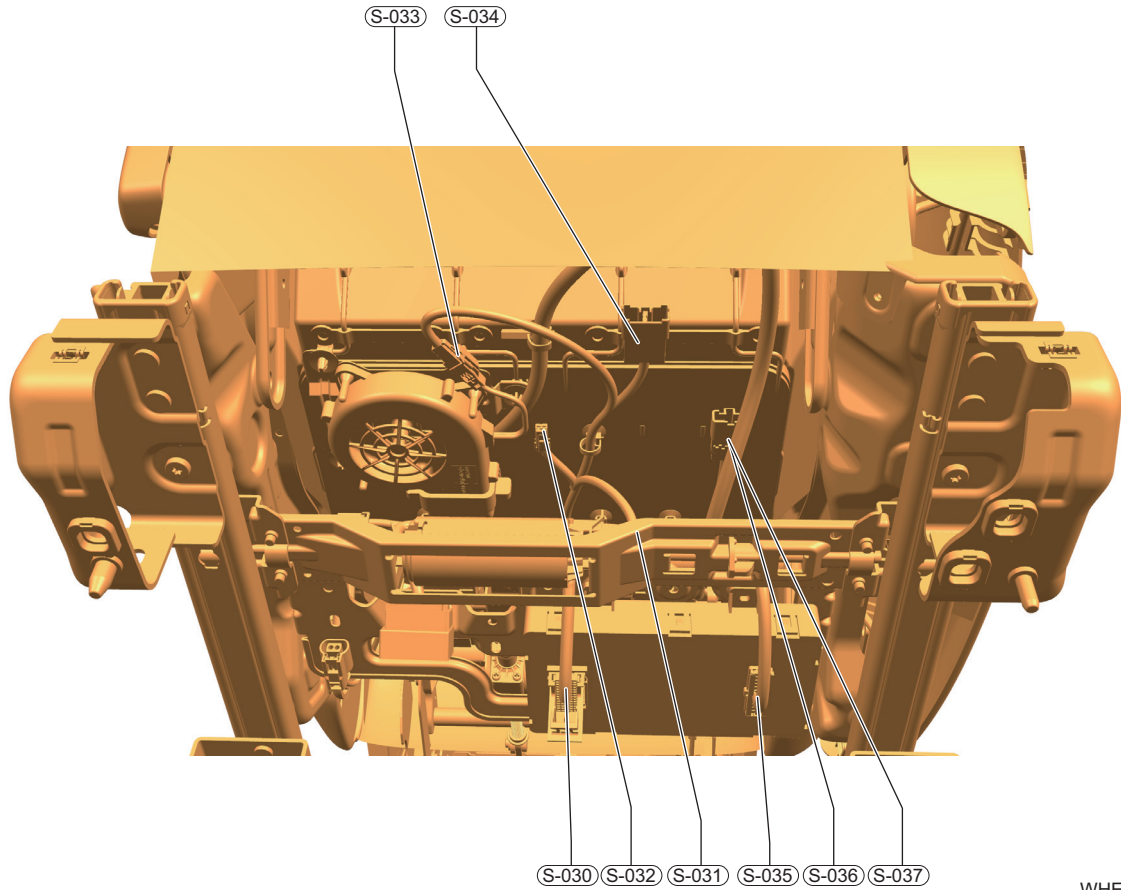
Connector Number	Connector Color/Pin	Connector Name
S-001	B/20	Seatback Adapter 2
S-002	B/4	Angle Adjustment Motor Interface
S-003	B/20	Seatback Ventilation Interface
S-004	B/4	Head Restraint Audio
S-005	B/2	Front Left Massage Air Pump Interface
S-006	B/12	Front Left Massage/Lumbar Support ECU Interface



WHE097004

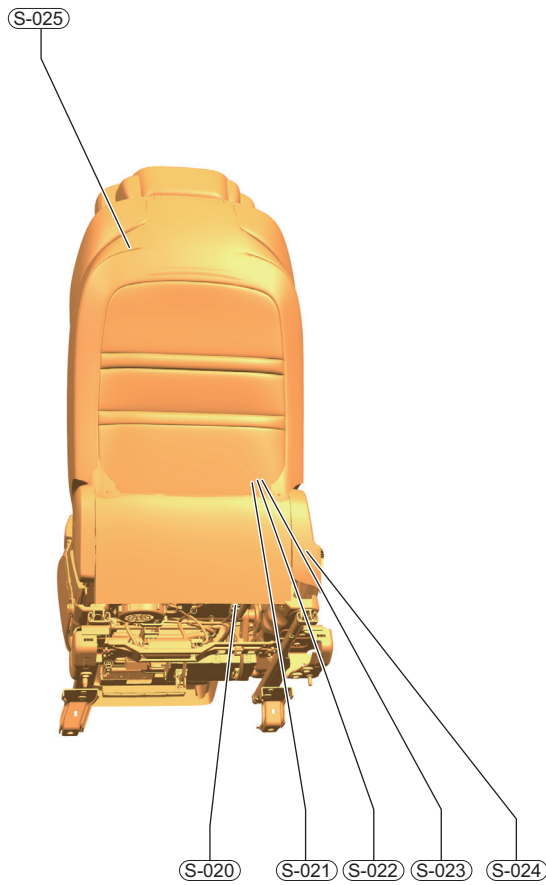
Connector Number	Connector Color/Pin	Connector Name
S-020	B/16	Front Right Adapter 2
S-021	B/2	Front Right Massage Air Pump Interface
S-022	B/12	Front Right Massage ECU Interface
S-023	B/10	Front Right Boss Button Connector
S-024	B/4	Front Right C3 Angle Adjustment Motor Interface
S-025	B/3	Front Right Seatback Ventilation Interface

10



WHE097005

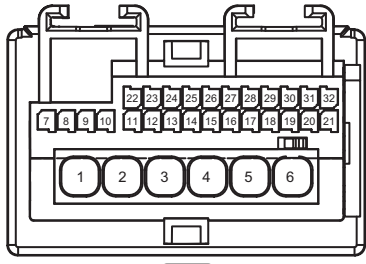
Connector Number	Connector Color/Pin	Connector Name
S-030	B/20	Front Right ECU B
S-031	B/5	Front Right Horizontal Motor Interface
S-032	B/2	Front Right SBR Interface
S-033	B/3	Front Right Seat Cushion Ventilation Interface
S-034	B/16	Front Right Adapter 1
S-035	B/52	Front Right ECU A
S-036	B/2	Front Right Raising Motor Interface
S-037	B/4	Front Right Seat Cushion Heating



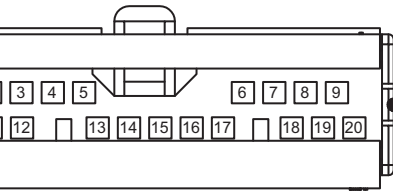
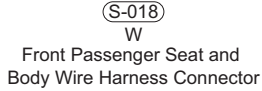
WHE097006

Connector Number	Connector Color/Pin	Connector Name
S-026	B/32	Front Right Vehicle Interface
S-027	B/4	Front Right Leg Support Motor Interface
S-028	B/2	Front Right SAB Interface
S-029	B/2	Front Right BUCKLE Interface

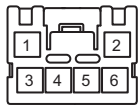
# Seat Wire Harness Connector List



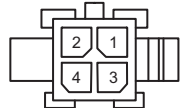
(S-001)  
W  
Driver Seat and Body Wire Harness Connector



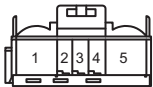
(S-003)  
W  
Driver Seat Controller - 2  
(S-041)  
W  
Front Passenger Seat Controller - 2



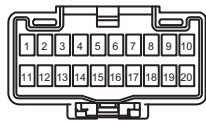
(S-010)  
Br  
Lumbar Support Switch



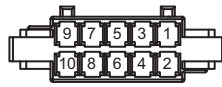
(S-013)  
Br  
Head Restraint Audio



(S-024)  
W  
Front Passenger Horizontal Motor



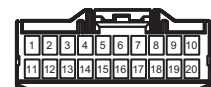
(S-026)  
W  
Front Passenger Seatback Adapter



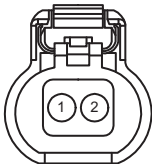
(S-028)  
W  
Boss Button SW



(S-033)  
B  
Front Passenger Seatback Adapter



(S-036)  
B  
Driver Horizontal Motor



(S-034)  
B  
Driver SAB Interface



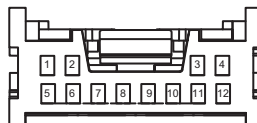
(S-040)  
B  
Front Passenger SAB Interface



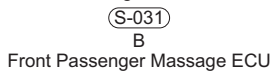
(S-038)  
B  
Driver Message Air Pump Interface



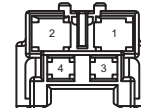
(S-032)  
B  
Message Air Pump



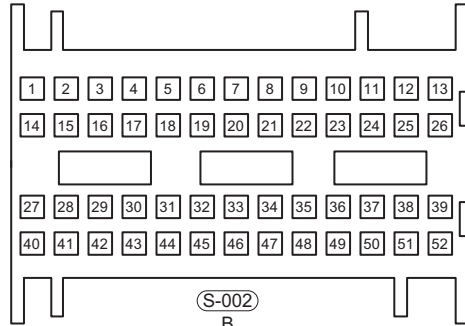
(S-039)  
B  
Driver Message ECU Interface



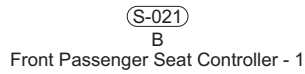
(S-031)  
B  
Front Passenger Message ECU



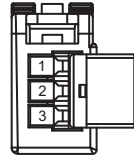
(S-043)  
B  
Front Passenger Angle Adjustment Motor Interface



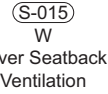
(S-002)  
B  
Driver Seat Controller - 1



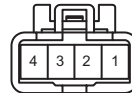
(S-021)  
B  
Front Passenger Seat Controller - 1  
(S-011)  
W  
Driver Seatback Adapter



(S-014)  
W  
Driver Seat Ventilation



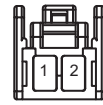
(S-015)  
W  
Driver Seatback Ventilation



(S-017)  
W  
Driver Seat Heating Pad  
(S-019)  
W  
Front Passenger Seat Heater



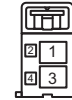
(S-023)  
W  
Front Passenger SBR



(S-005)  
W  
Driver Seat Belt Buckle



(S-022)  
W  
Front Passenger Seat Belt Buckle



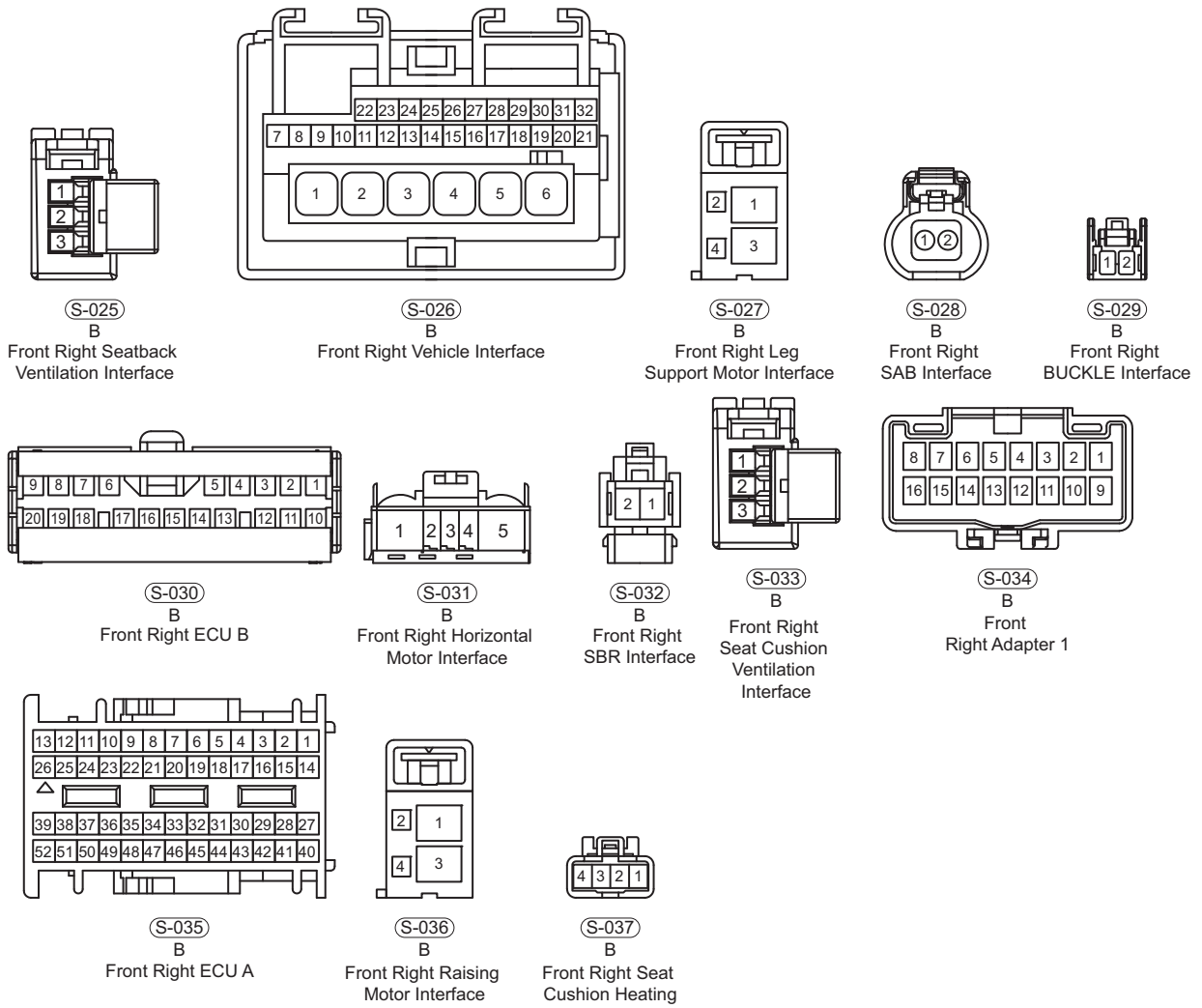
(S-008)  
B  
Driver Regulator Motor  
(S-025)  
W  
Front Passenger Leg Support Motor



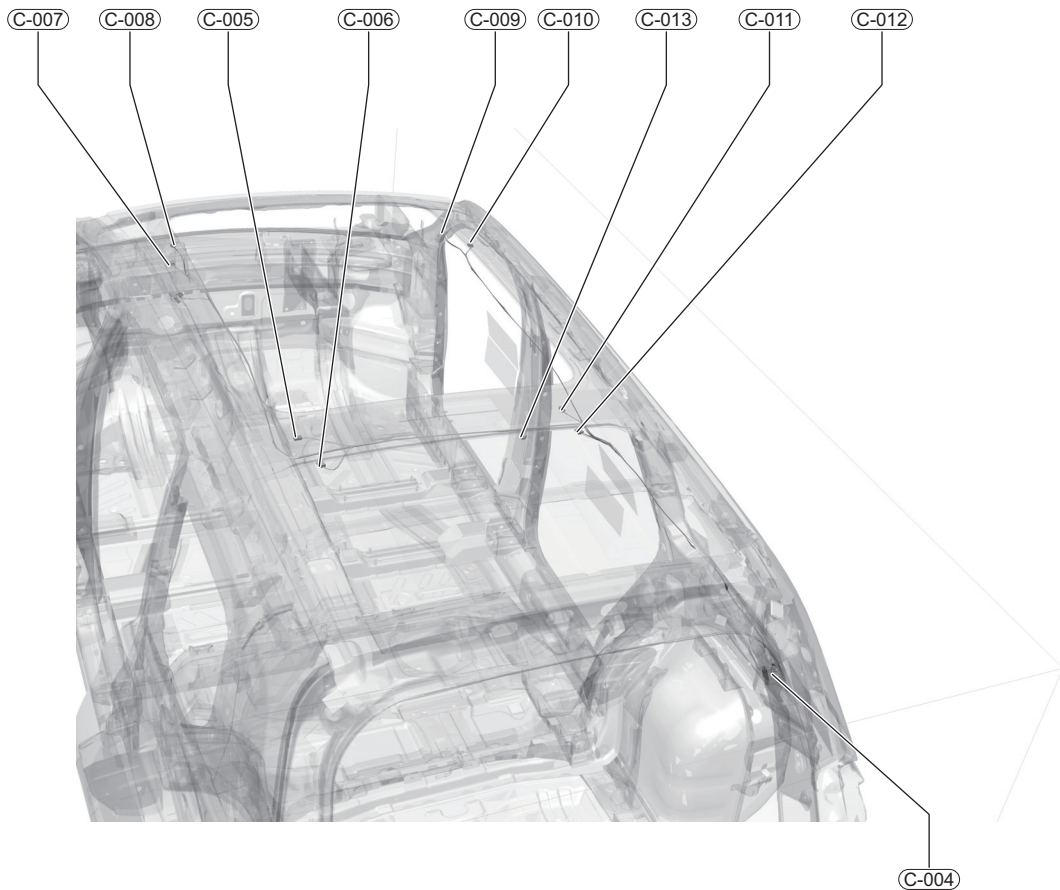
(S-016)  
W  
Driver Leg Support Motor



(S-041)  
W  
Front Passenger Seat Controller - 2



Roof Wire Harness



WHE096001

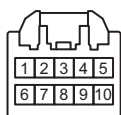
Connector Number	Connector Color/Pin	Connector Name
C-004	/16	Roof to Main Wire Harness Roof Wire Harness to Interior Wire Harness
C-005	/2	Tweeter RL
C-006	/4	Rear Left Active Denoiser MIC
C-007	/2	Tweeter FL
C-008	/4	Driver Active Denoiser MIC
C-009	/4	Front Passenger Active Denoiser MIC
C-010	/2	Front Right Tweeter
C-011	/4	Rear Right Active Denoiser MIC
C-012	/2	Rear Right Tweeter
C-013	/6	Interior Radar Module



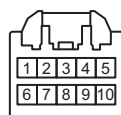
# Roof Wire Harness Connector List



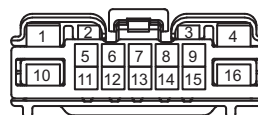
(C-001)  
Gr  
Interior Wire Harness to  
Sunroof Wire Harness



(C-002)  
Gr  
Sunroof Glass Motor



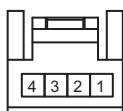
(C-003)  
Gr  
Sunroof Shade Motor



(C-004)  
Gr  
Roof Wire Harness to  
Interior Wire Harness



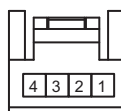
(C-005)  
Gr  
Tweeter RL



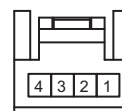
(C-006)  
Gr  
Rear Left Active  
Denoyer MIC



(C-007)  
Gr  
Tweeter FL



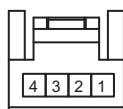
(C-008)  
Gr  
Driver Active  
Denoyer MIC



(C-009)  
Gr  
Front Passenger  
Active Denoyer MIC



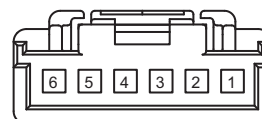
(C-010)  
Gr  
Tweeter FR



(C-011)  
Gr  
Rear Right Active Denoyer MIC

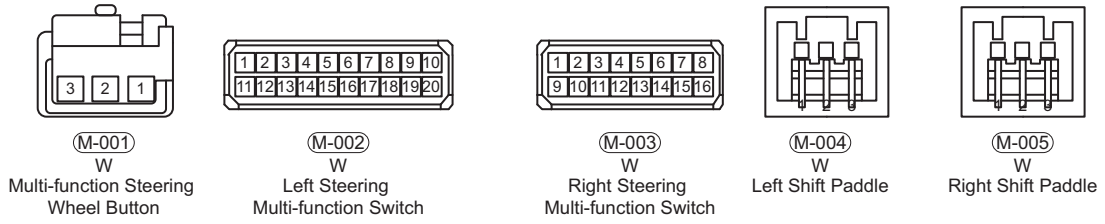


(C-012)  
Gr  
Tweeter RR

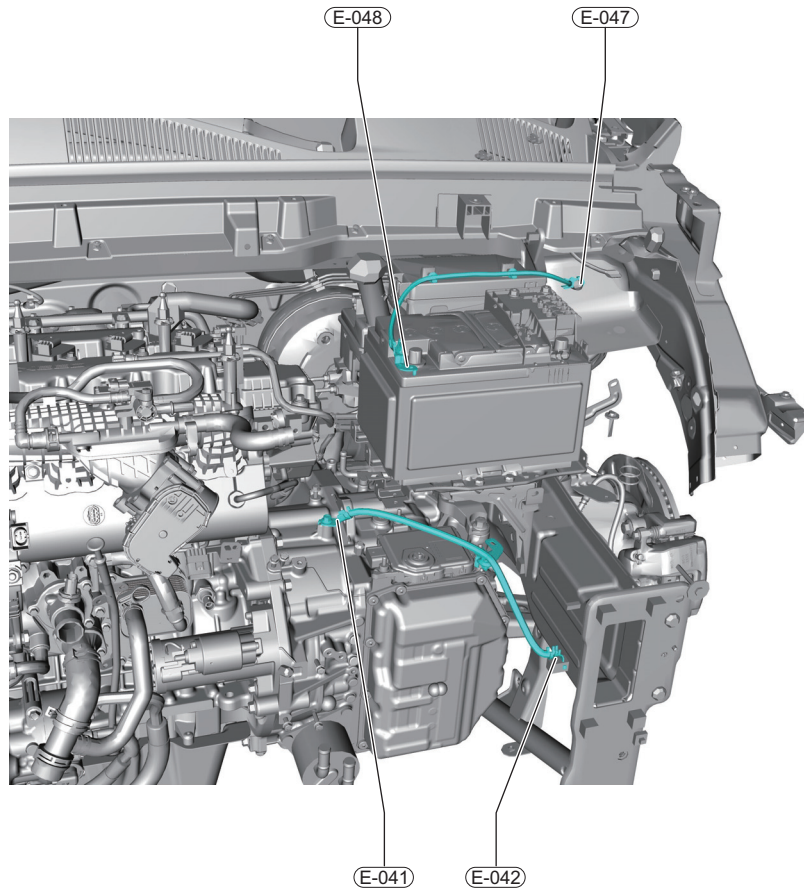


(C-013)  
Gr  
Interior Radar Module

## Multi-function Steering Wheel Connector List



## Battery Positive Wire Harness/Ground Wire Harness



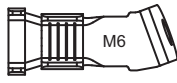
WHE006001

Connector Number	Connector Color/Pin	Connector Name
E-041	/1	PFB-UEC
E-042	/1	UEC-PFB
E-047	/1	Body Ground
E-048	/1	Battery Ground

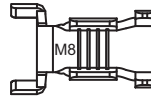
## Battery Negative Wire Harness Connector List



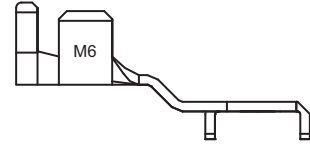
(E-041)  
PFB-UEC



(E-042)  
UEC-PFB



(E-047)  
Body Ground



(E-048)  
Battery Ground

---

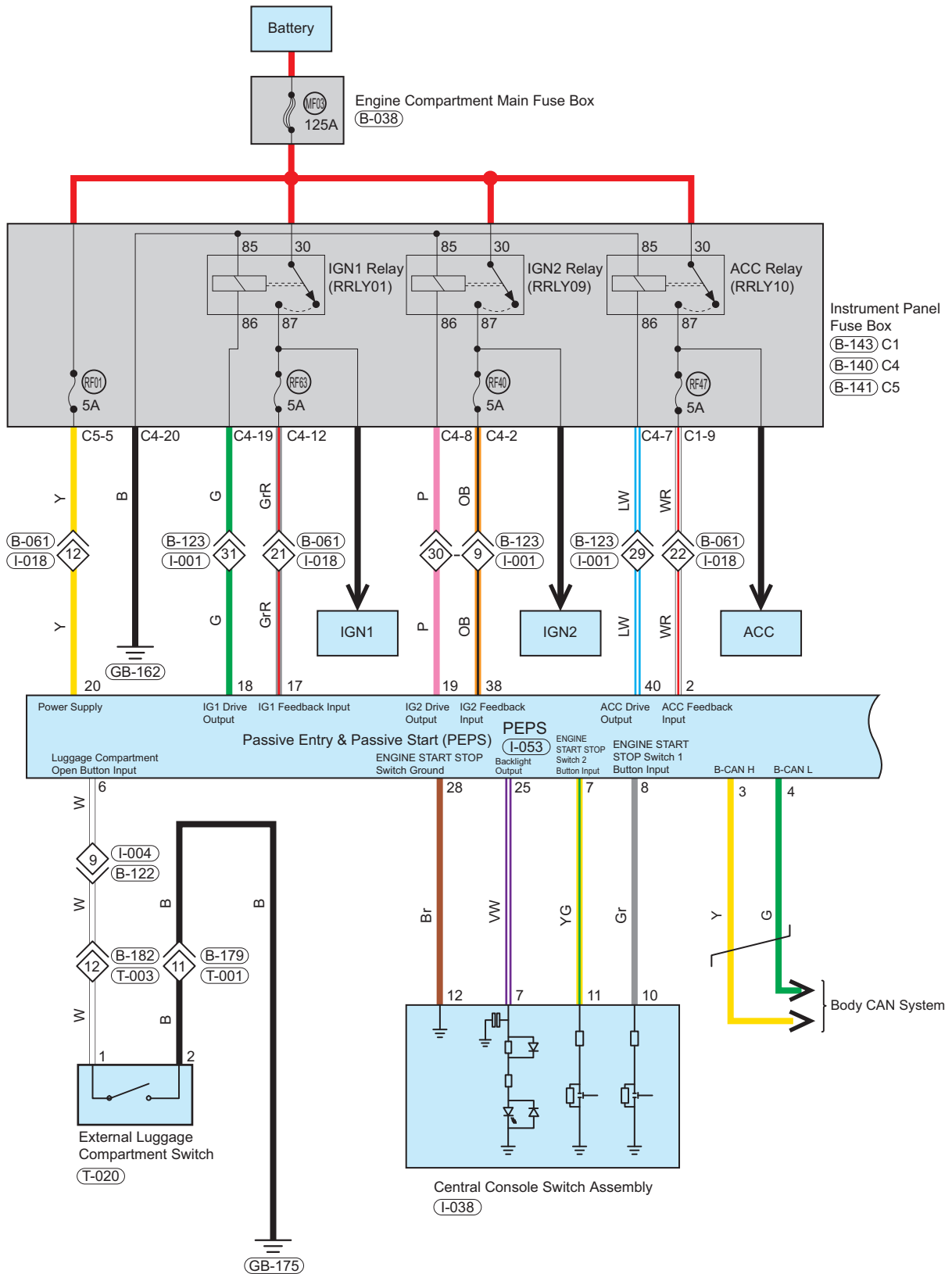
# System Circuit Diagram

## General Information

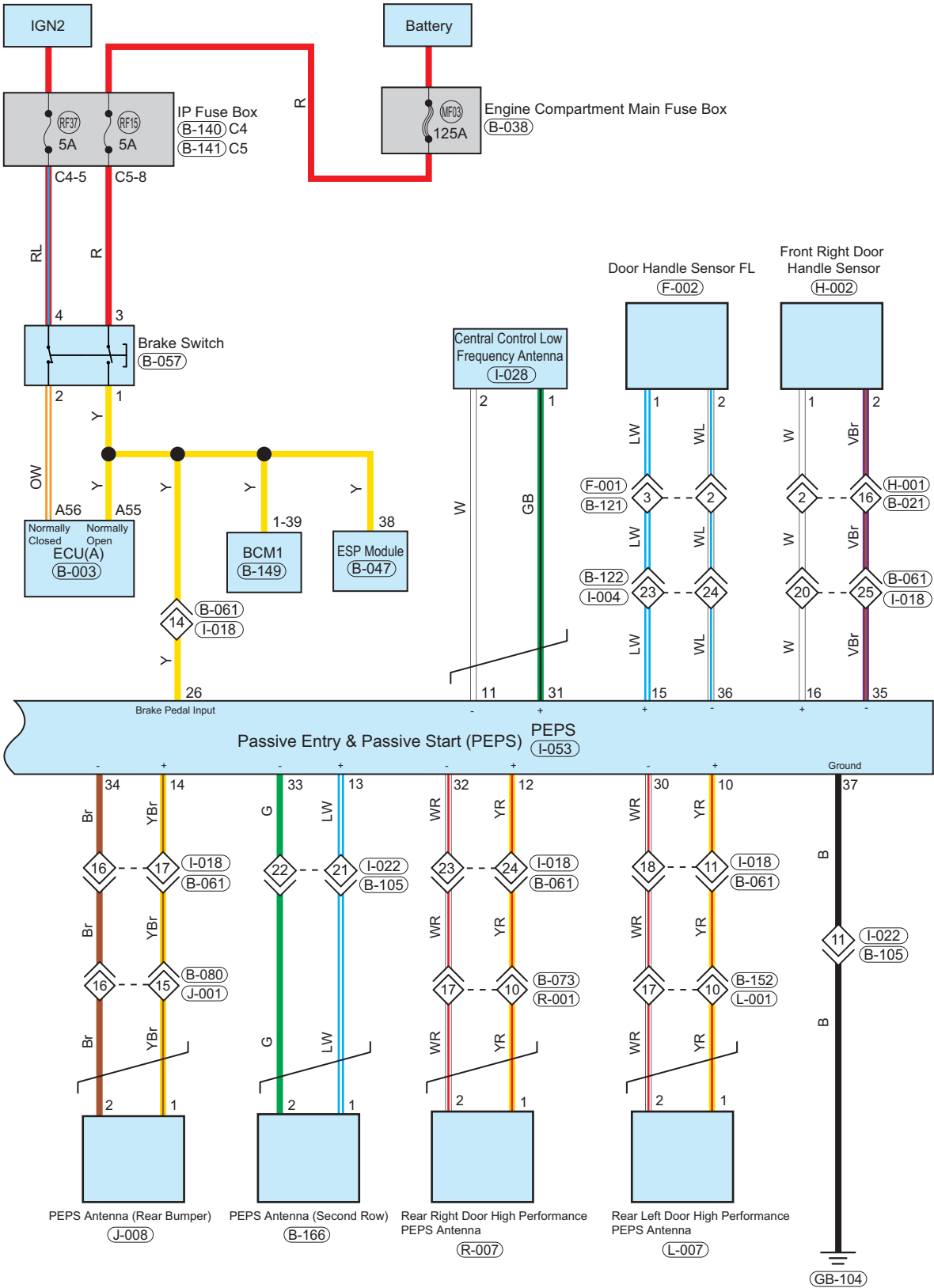
This section provides information about system circuit diagram, which is very important for troubleshooting electrical problems. When troubleshooting any problems, first understand the operation of the malfunction circuit (Refer to "System Circuits" or circuit diagrams in the relevant repair manual).

After understanding the circuit operation, troubleshoot the malfunction circuit to find out the cause, then use the "Wire Harness Position Diagram" to find each wire harness, wire harness connector and ground point of the relevant circuit. For specifications or detailed removal and installation procedures, please refer to the relevant repair manual.

# Passive Entry & Passive Start (PEPS)

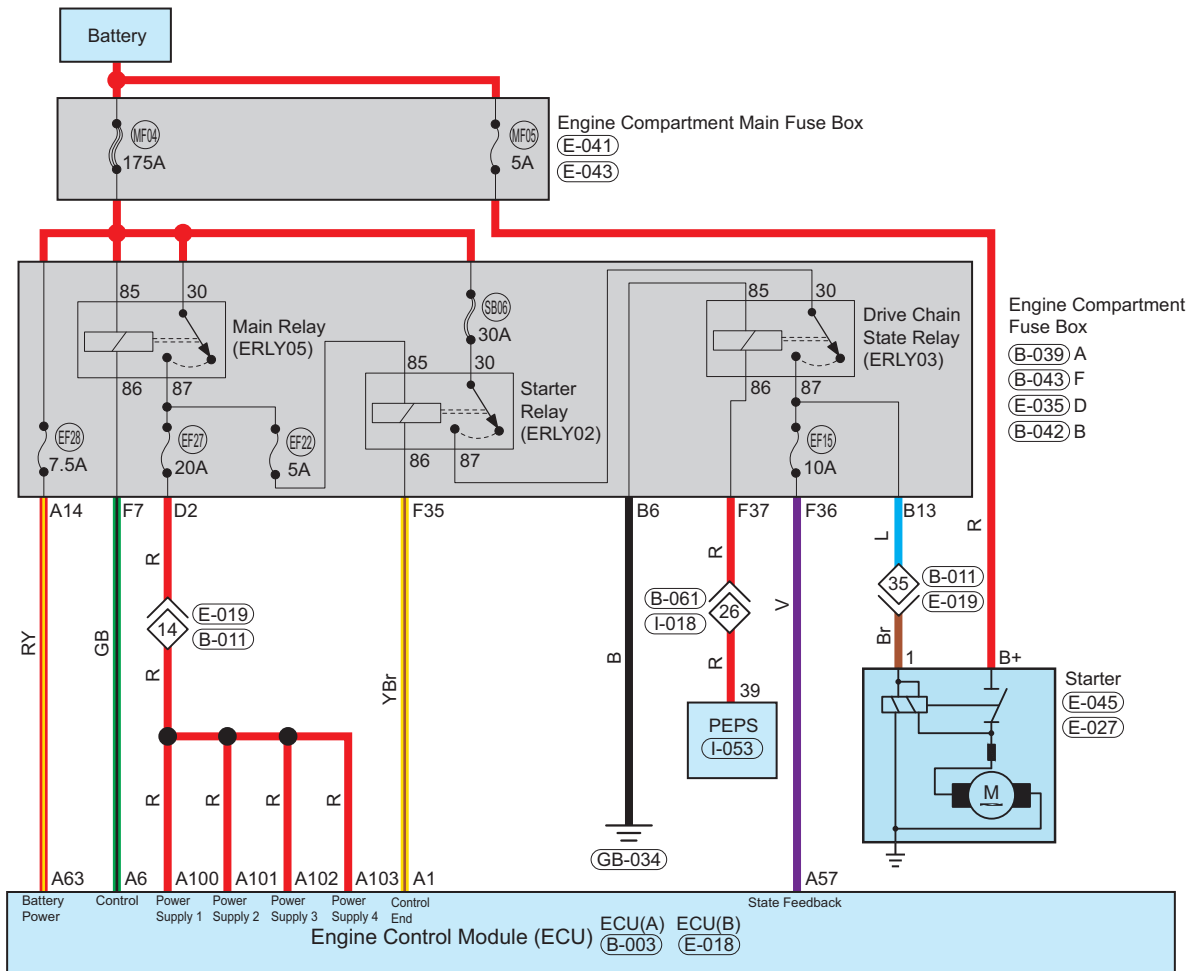


# Passive Entry & Passive Start (PEPS)



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# Passive Entry & Passive Start (PEPS)





## Passive Entry & Passive Start (PEPS)

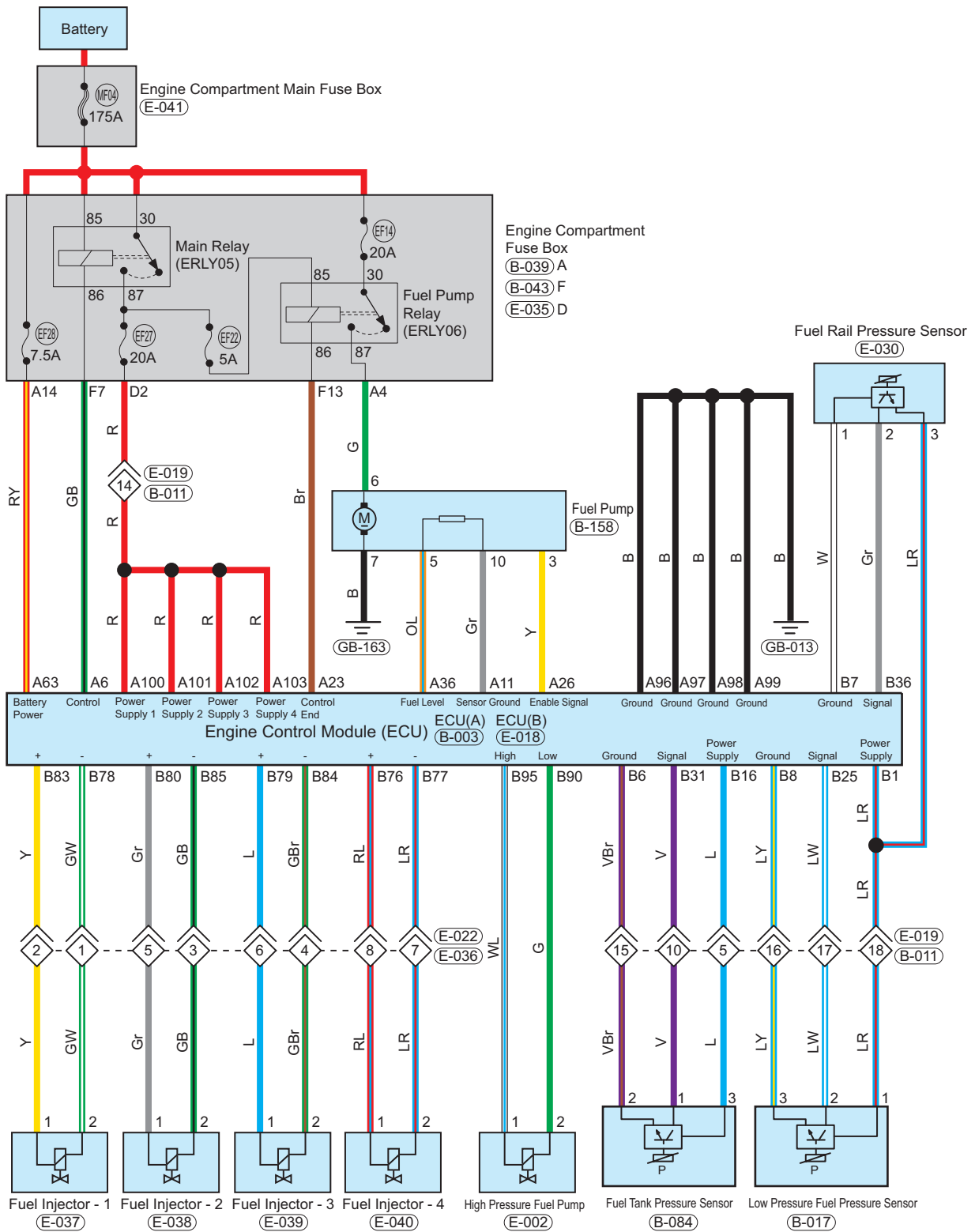
Wire Harness Connector	Name	Page Number
B-003	MH19B	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-042	Engine Compartment Fuse and Relay Box B	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-047	ESP Module	10-51
B-057	Brake Switch	10-52
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-143	Instrument Panel Fuse Box C1	10-56
B-149	BCM-1	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-166	PEPS Antenna (Second Row)	10-57

Wire Harness Connector	Name	Page Number
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-027	Starter	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
E-043	PFB-ST	10-6
E-045	Starter 2	10-6
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-002	Door Handle Sensor FL	10-76
GB-034	G02	10-51
GB-104	MHG2.53	10-54
GB-162	MHG2.8	10-57
GB-175	MHG2.16	10-58
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-002	Front Right Door Handle Sensor	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-028	Central Control Low Frequency Antenna	10-72
I-038	Central Console Switch Assembly	10-72
I-053	PEPS	10-73

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-008	PEPS Antenna (Rear Bumper)	10-14
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-007	Rear Left Door High Performance PEPS Antenna	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-007	Rear Right Door High Performance PEPS Antenna	10-82
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-020	External Luggage Compartment Switch	10-85

# Engine Control System (EMS)

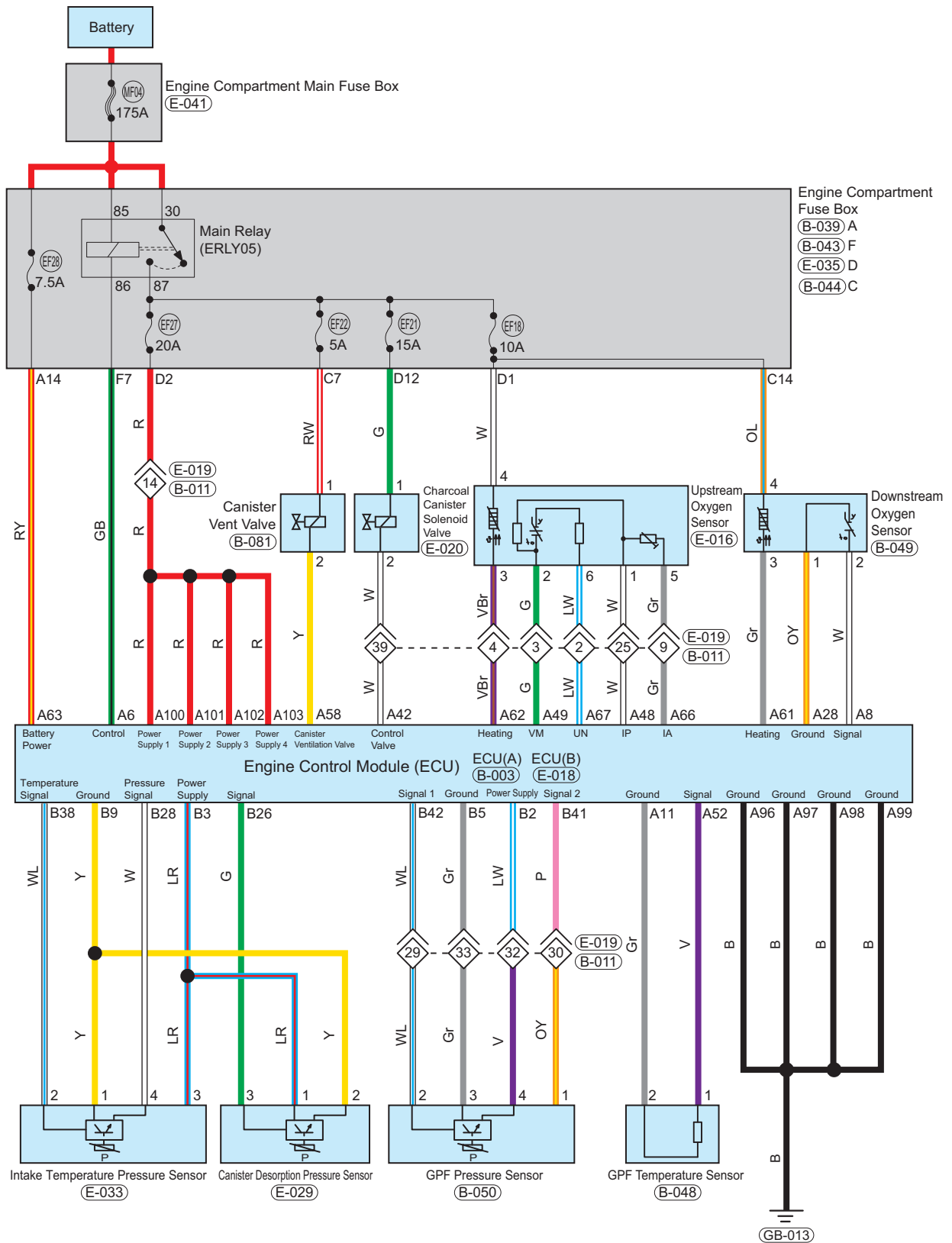
## Fuel Supply System



## Fuel Supply System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-017	Low Pressure Fuel Pressure Sensor	10-50
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-084	Fuel Tank Pressure Sensor	10-53
B-158	Oil Pump Controller	10-57
E-002	High Pressure Fuel Pump	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-022	Engine Wire Harness to Injection Nozzle Wire Harness Interface	10-6
E-030	Fuel Rail Pressure Sensor	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-036	Fuel Injector Wire Harness to Engine Wire Harness Interface	10-6
E-037	Fuel Injector 1	10-6
E-038	Fuel Injector 2	10-6
E-039	Fuel Injector 3	10-6
E-040	Fuel Injector 4	10-6
E-041	PFB-UEC	10-101
GB-013	G07	10-49
GB-163	MHG2.10	10-57

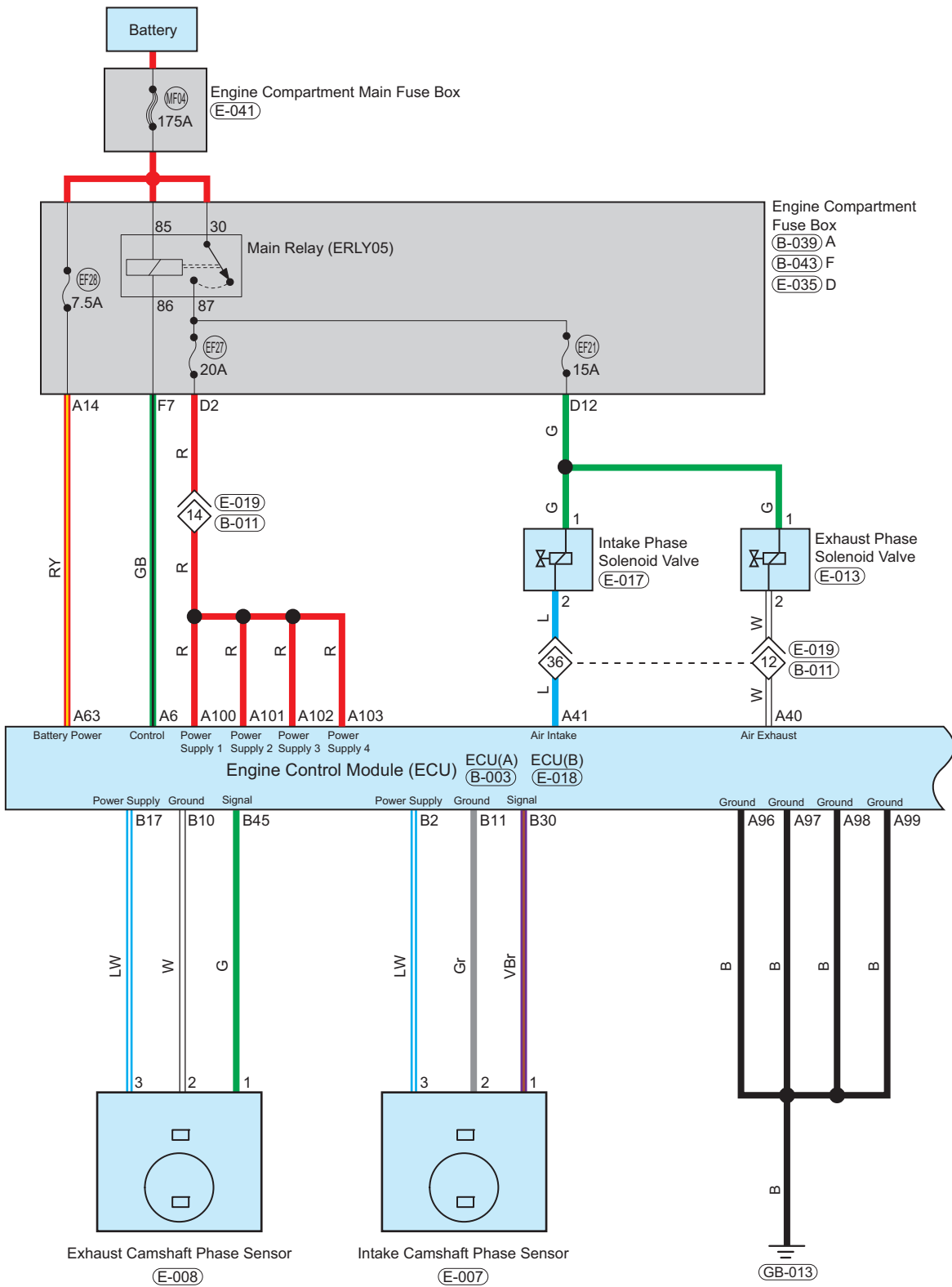
# Emission Control System



## Emission Control System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-048	GPF Temperature Sensor	10-51
B-049	Rear Oxygen Sensor	10-51
B-050	GPF Pressure Sensor	10-51
B-081	Charcoal Canister Vent Solenoid Valve	10-53
E-016	Upstream Oxygen Sensor	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-020	Canister Solenoid Valve	10-5
E-029	Canister Desorption Pressure Sensor	10-6
E-033	Intake Temperature Pressure Sensor	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-013	G07	10-49

# Air Intake System

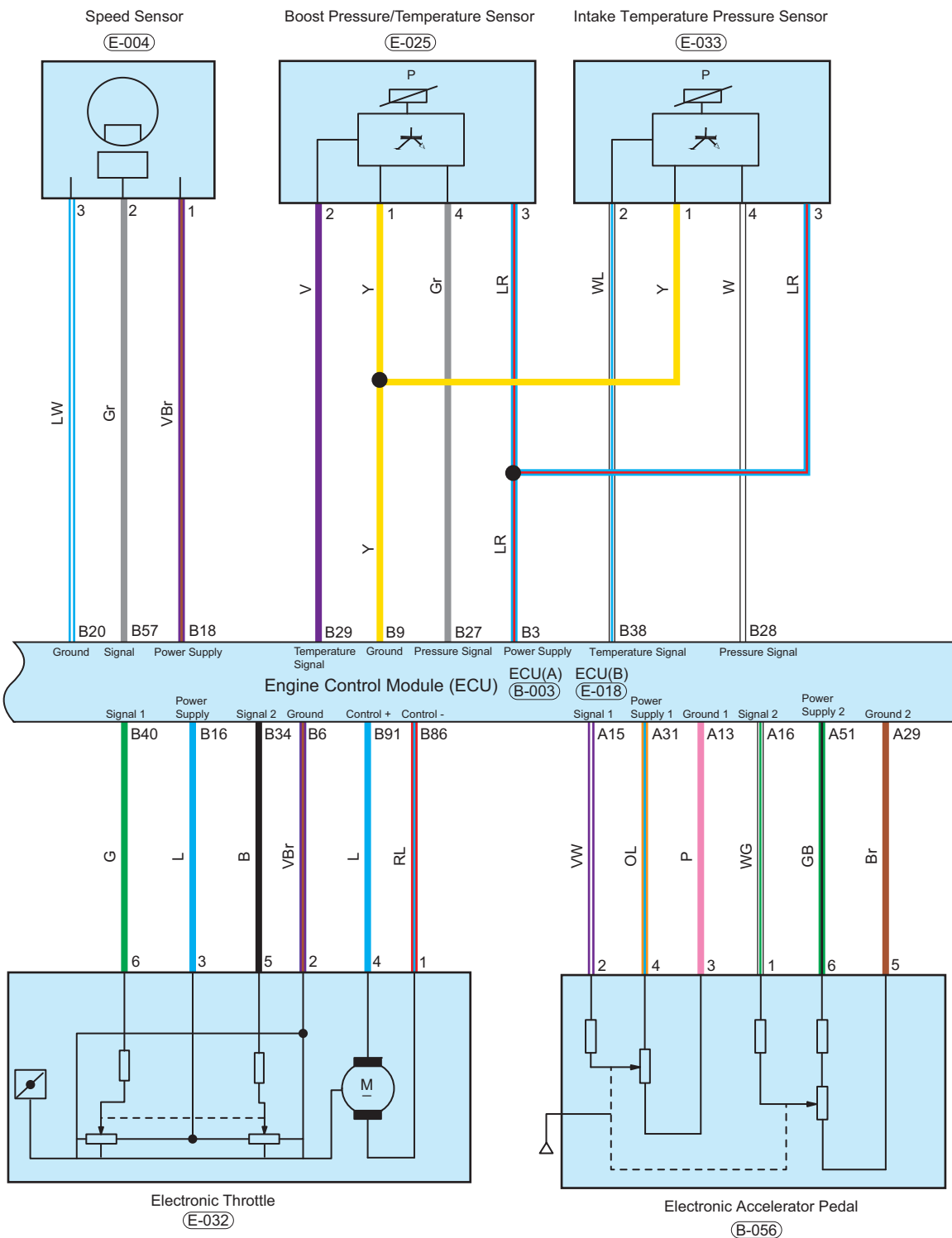


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# Air Intake System

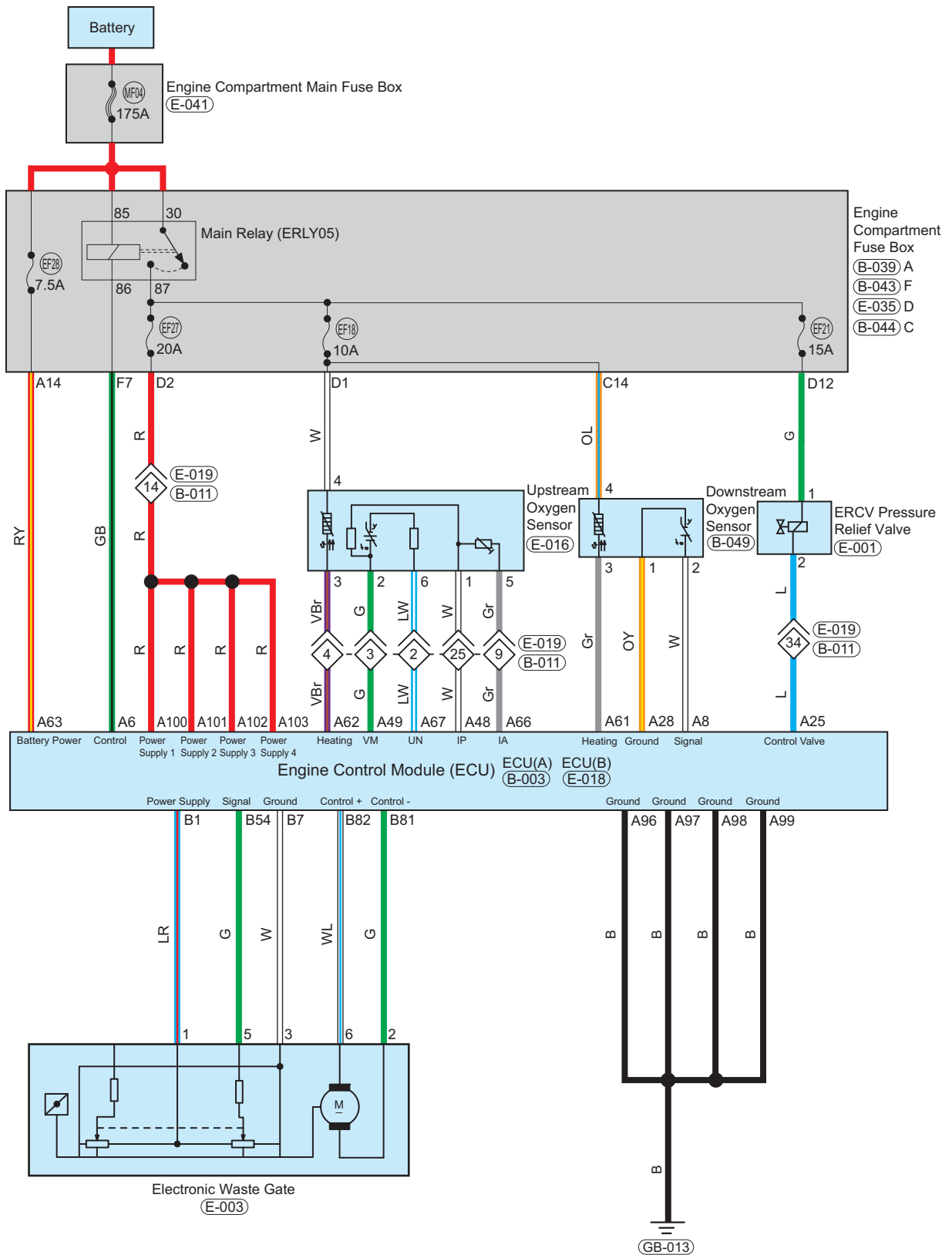


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## Air Intake System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-056	Electronic Accelerator Pedal	10-52
E-004	Speed Sensor	10-5
E-007	Intake Camshaft Phase Sensor	10-5
E-008	Exhaust Camshaft Phase Sensor	10-5
E-013	Exhaust Phase Solenoid Valve	10-5
E-017	Intake Phase Solenoid Valve	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-025	Boost Pressure Sensor	10-6
E-032	Electronic Throttle	10-6
E-033	Intake Temperature Pressure Sensor	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-013	G07	10-49

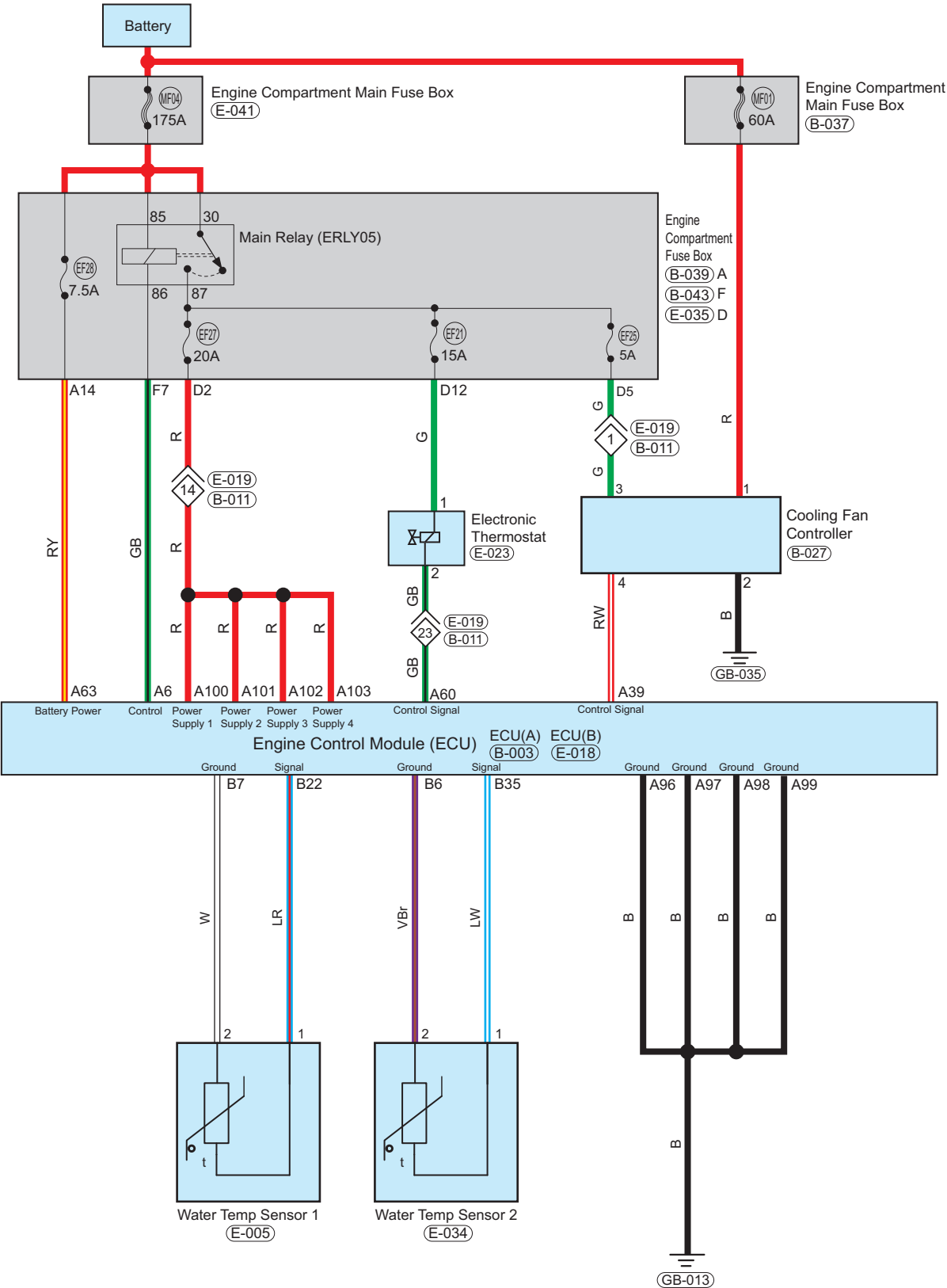
# Air Exhaust System



## Air Exhaust System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-049	Rear Oxygen Sensor	10-51
E-001	ERCV Pressure Relief Valve	10-5
E-003	Electronic Waste Gate	10-5
E-016	Upstream Oxygen Sensor	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-013	G07	10-49

# Cooling System

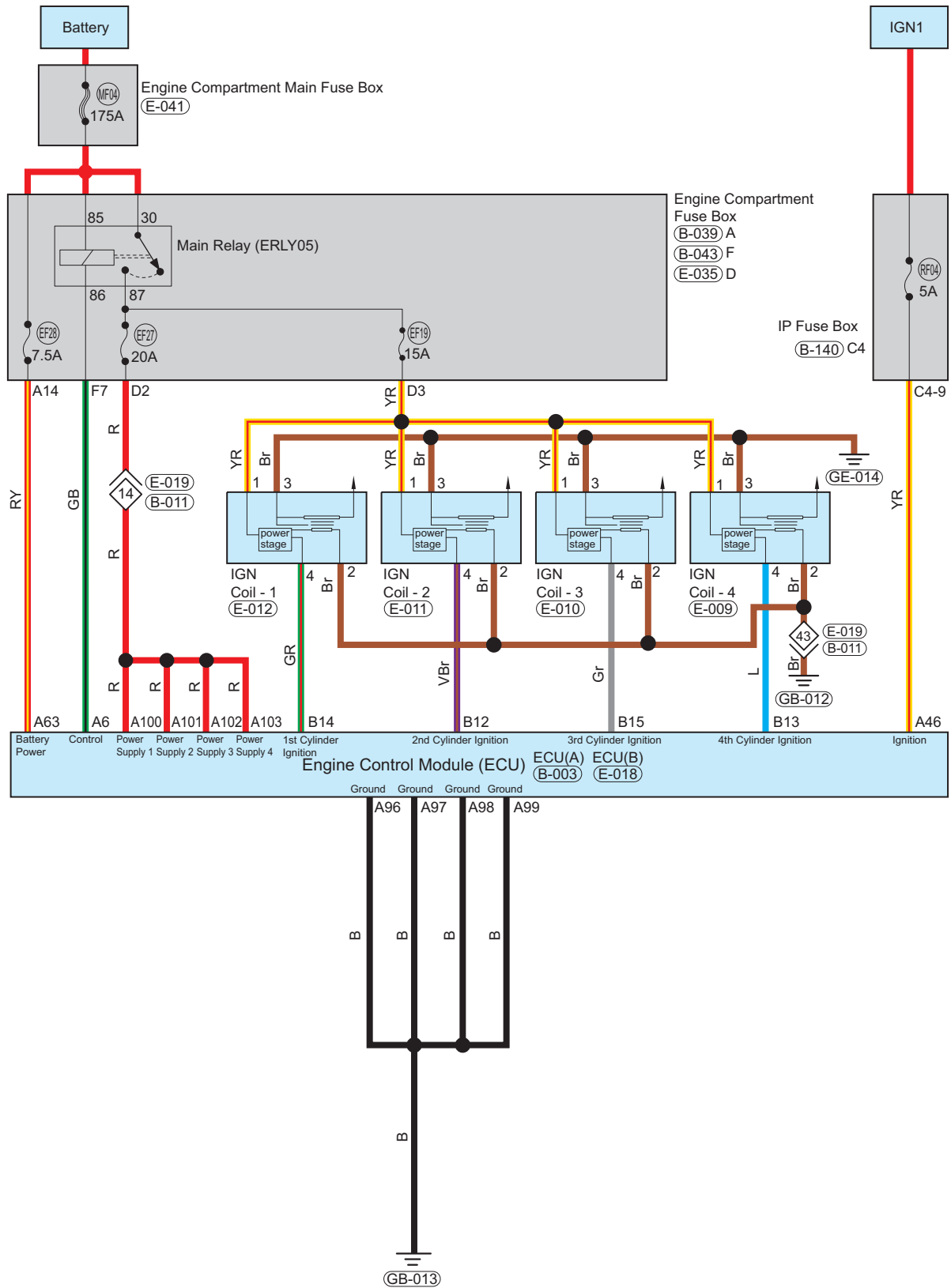


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## Cooling System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-027	Cooling Fan	10-50
B-037	Cooling Fan Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
E-005	Water Temp Sensor 1	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-023	Electronic Thermostat	10-6
E-034	Water Temp Sensor 2	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-013	G07	10-49
GB-035	G04	10-51

# Ignition System

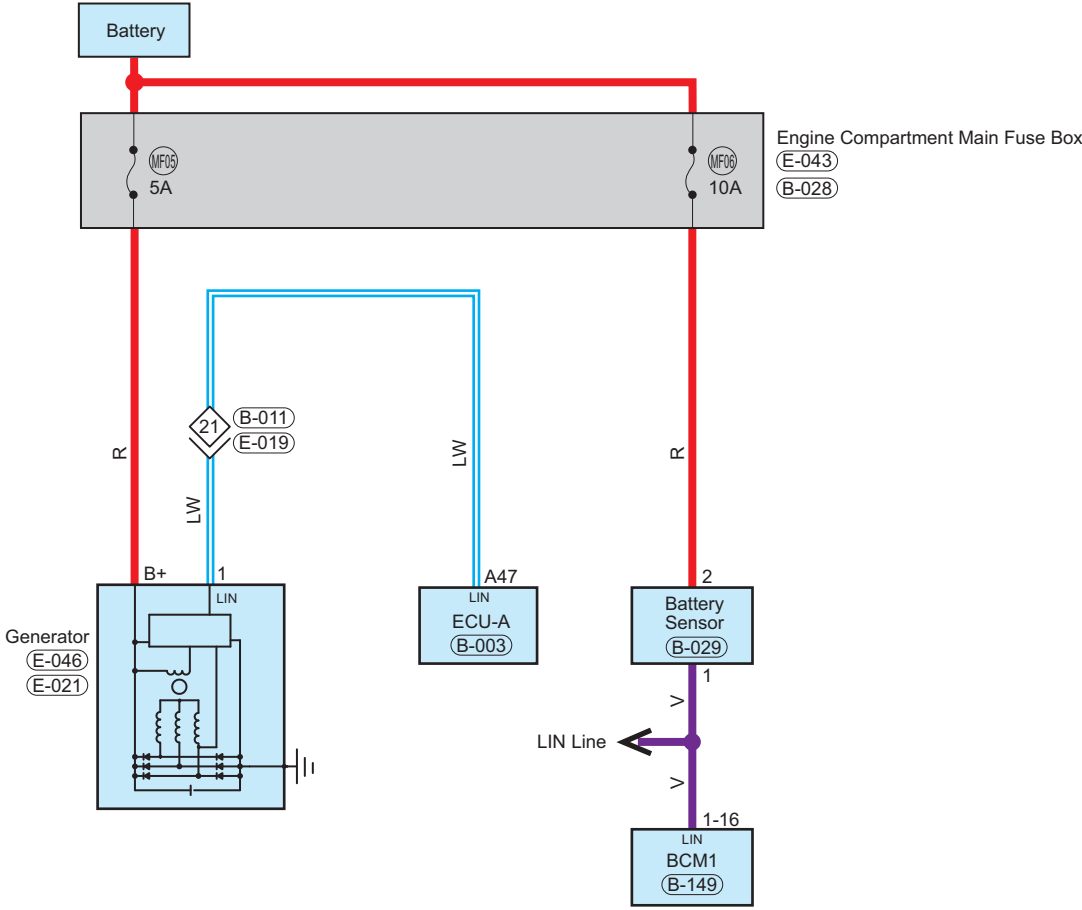


## Ignition System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-140	Instrument Panel Fuse Box C4	10-56
E-009	IGN Coil 4	10-5
E-010	IGN Coil 3	10-5
E-011	IGN Coil 2	10-5
E-012	IGN Coil 1	10-5
E-018	ECU-A	10-5
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-012	G06	10-49
GB-013	G07	10-49
GE-014	G08	10-5



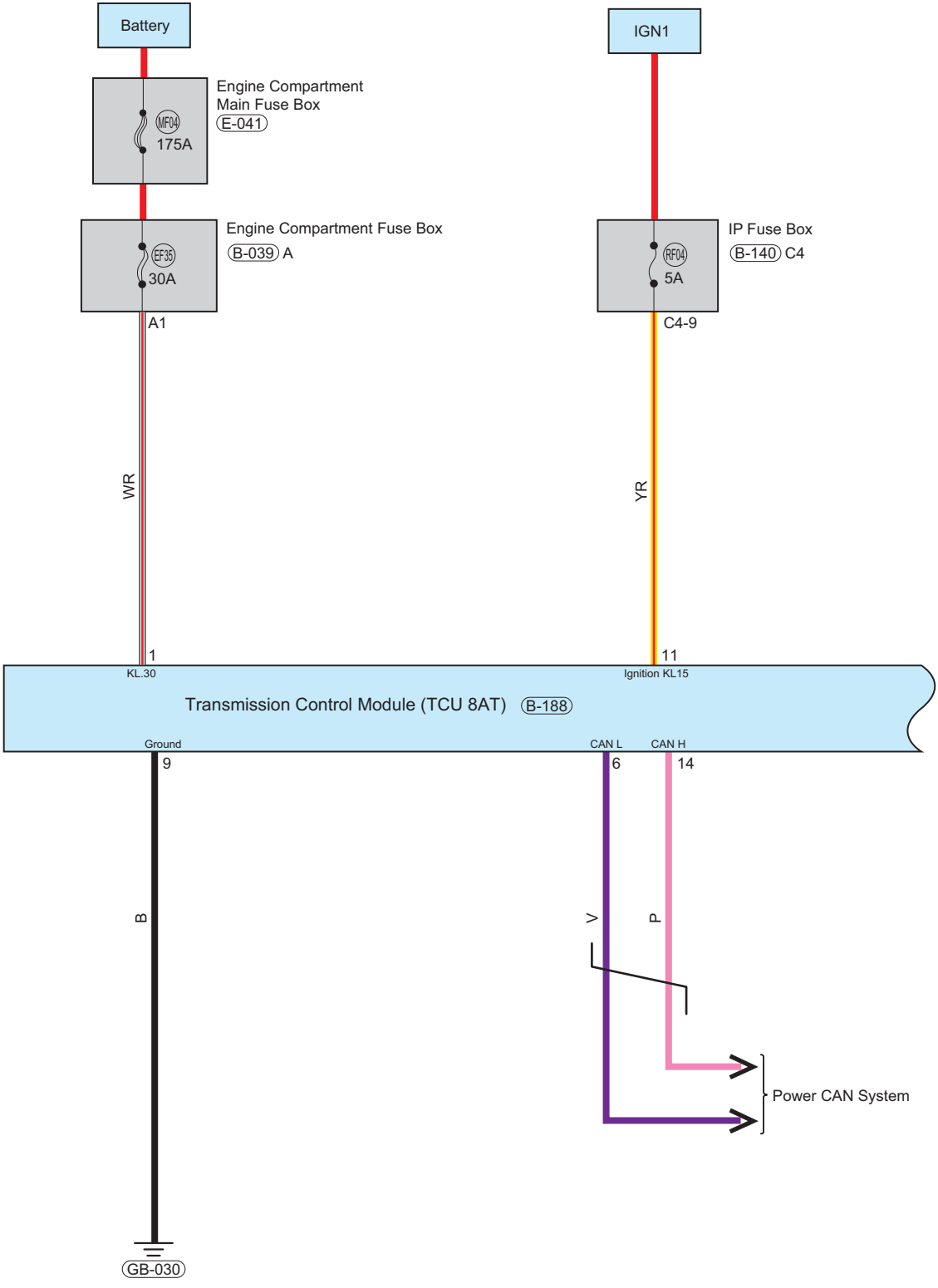
# Charge System



## Charge System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-028	Battery Sensor Power	10-50
B-029	Battery Sensor	10-50
B-149	BCM-1	10-56
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-021	Alternator Excitation	10-5
E-043	PFB-ST	10-6
E-046	Generator	10-6

# Transmission Control System (TCU)



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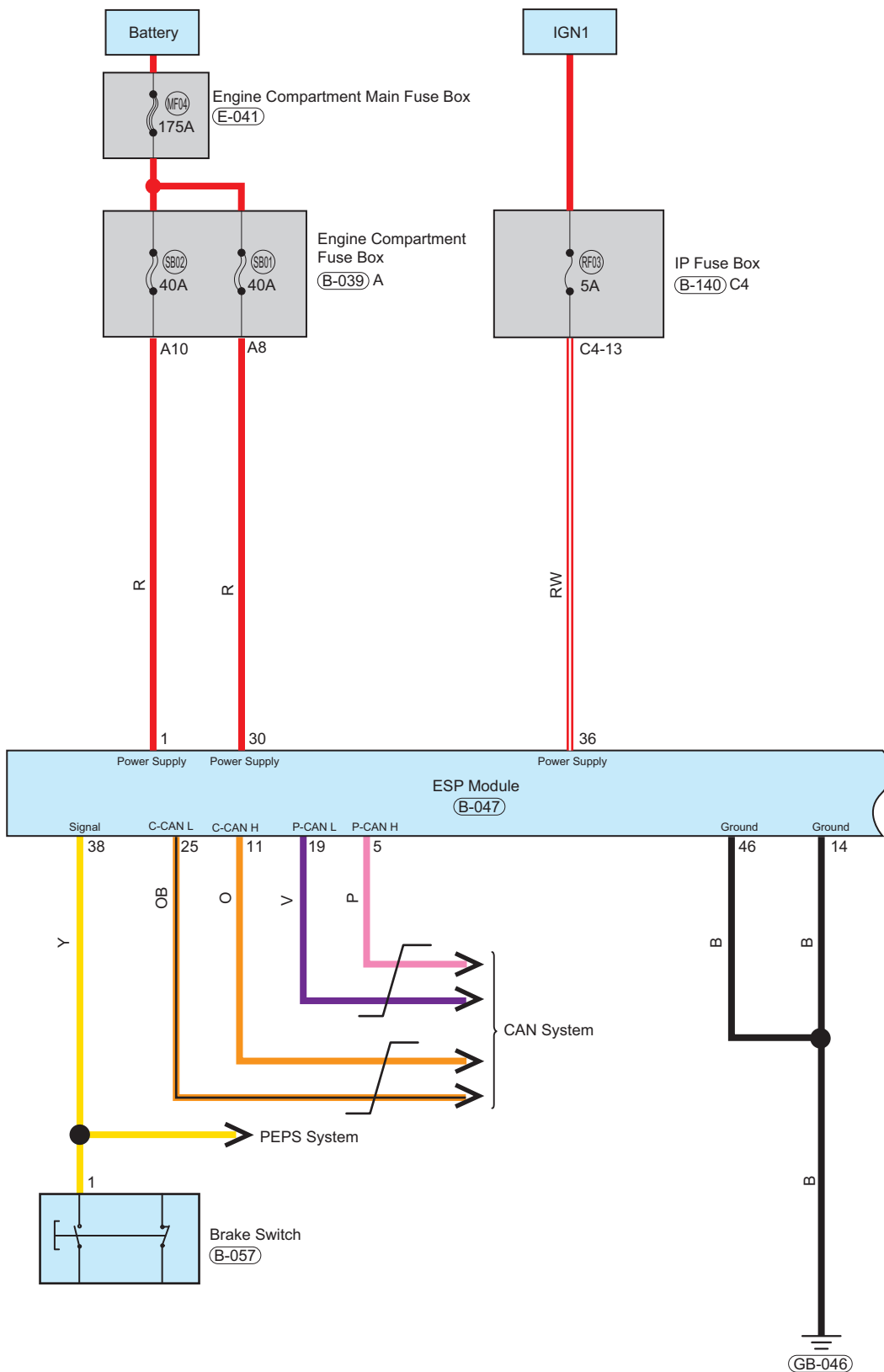
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## Transmission Control System (TCU)

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-140	Instrument Panel Fuse Box C4	10-56
B-188	Transmission Control Module (TCU 8AT)	10-58
E-041	PFB-UEC	10-101
GB-030	Transmission Ground	10-50

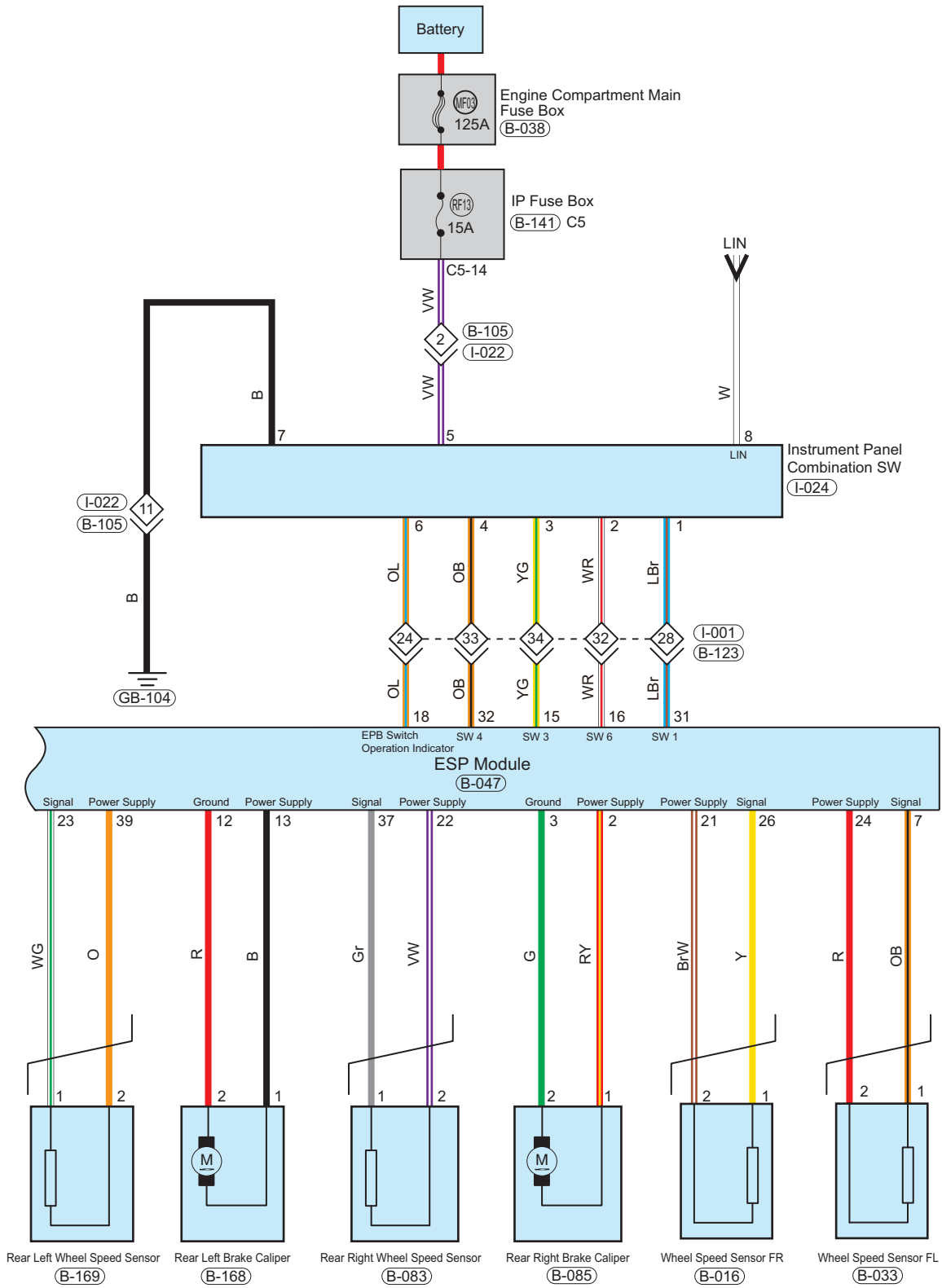
# Electronic Stability System (ESP&EPB)



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# Electronic Stability System (ESP&EPB)



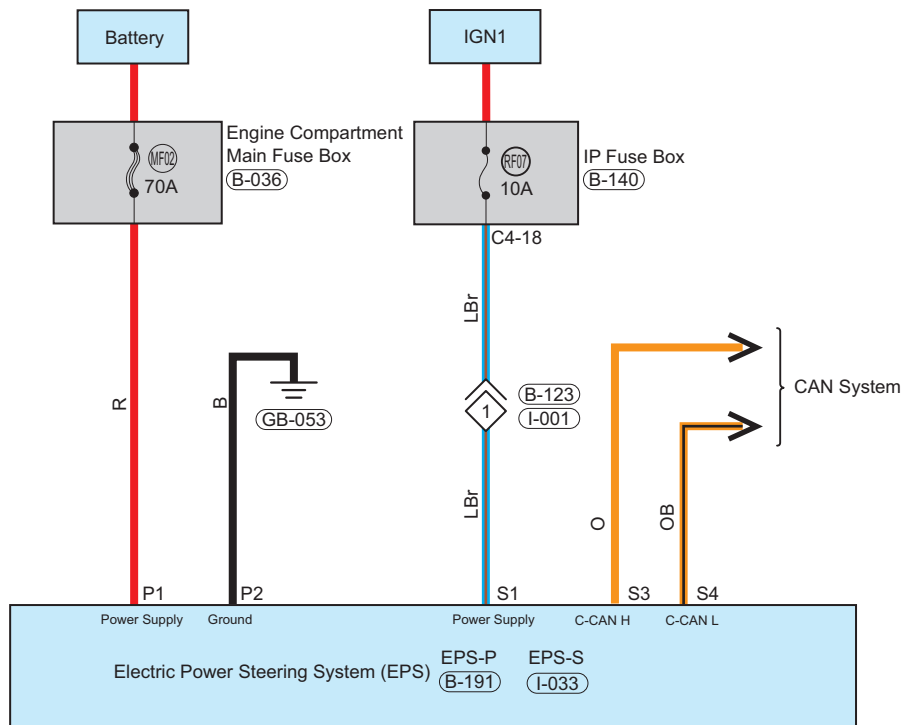
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## Electronic Stability System (ESP&EPB)

Wire Harness Connector	Name	Page Number
B-016	Wheel Speed Sensor FR	10-50
B-033	Wheel Speed Sensor FL	10-51
B-038	IP F/R Box Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-047	ESP Module	10-51
B-057	Brake Switch	10-52
B-083	Rear Left Wheel Speed Sensor	10-53
B-085	Rear Right Brake Caliper	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-168	Rear Left Brake Caliper	10-57
B-169	Rear Left Wheel Speed Sensor	10-57
E-041	PFB-UEC	10-101
GB-046	G03	10-51
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-024	Instrument Panel Combination SW	10-72

# Electric Power Steering System (EPS)

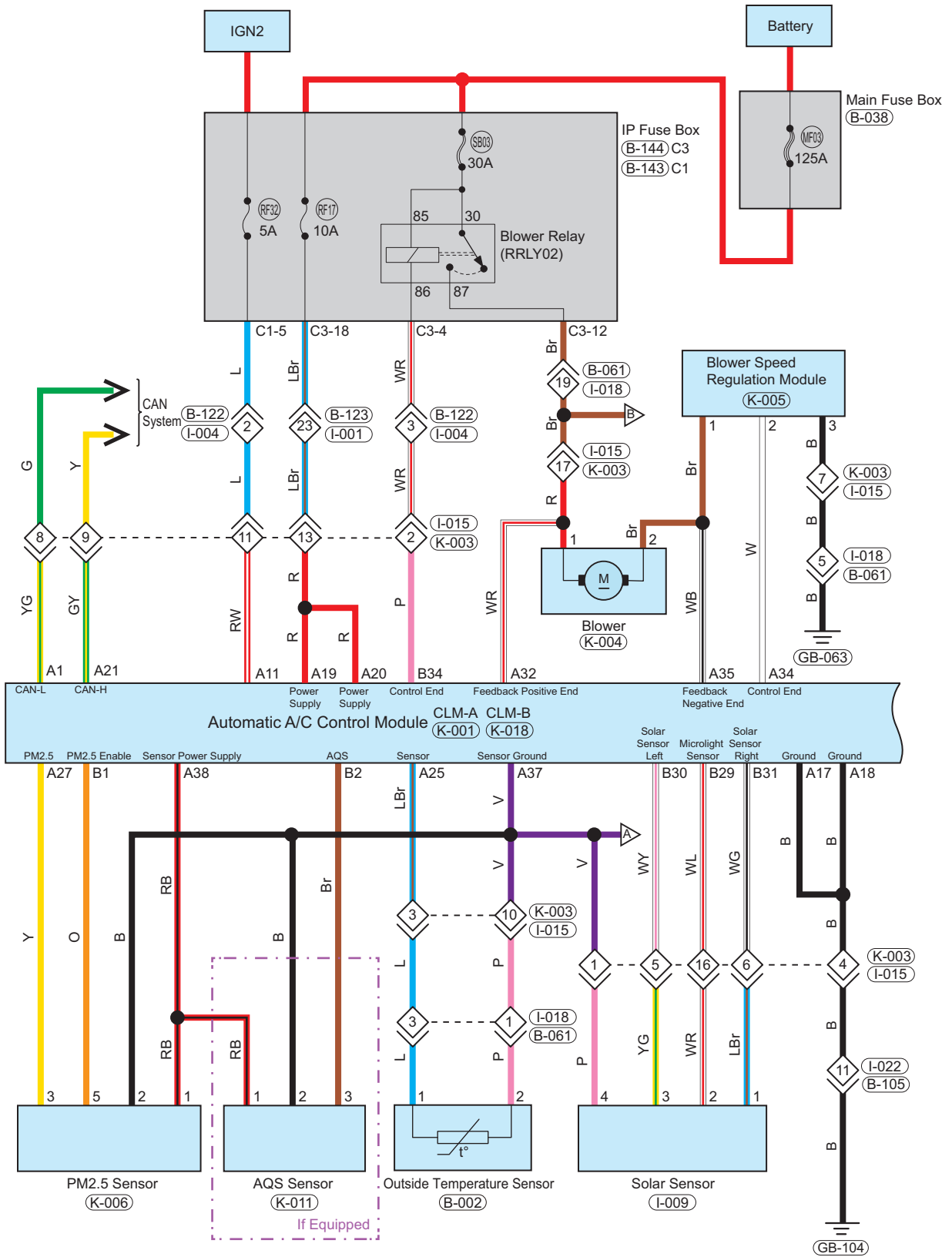




## Electric Power Steering System (EPS)

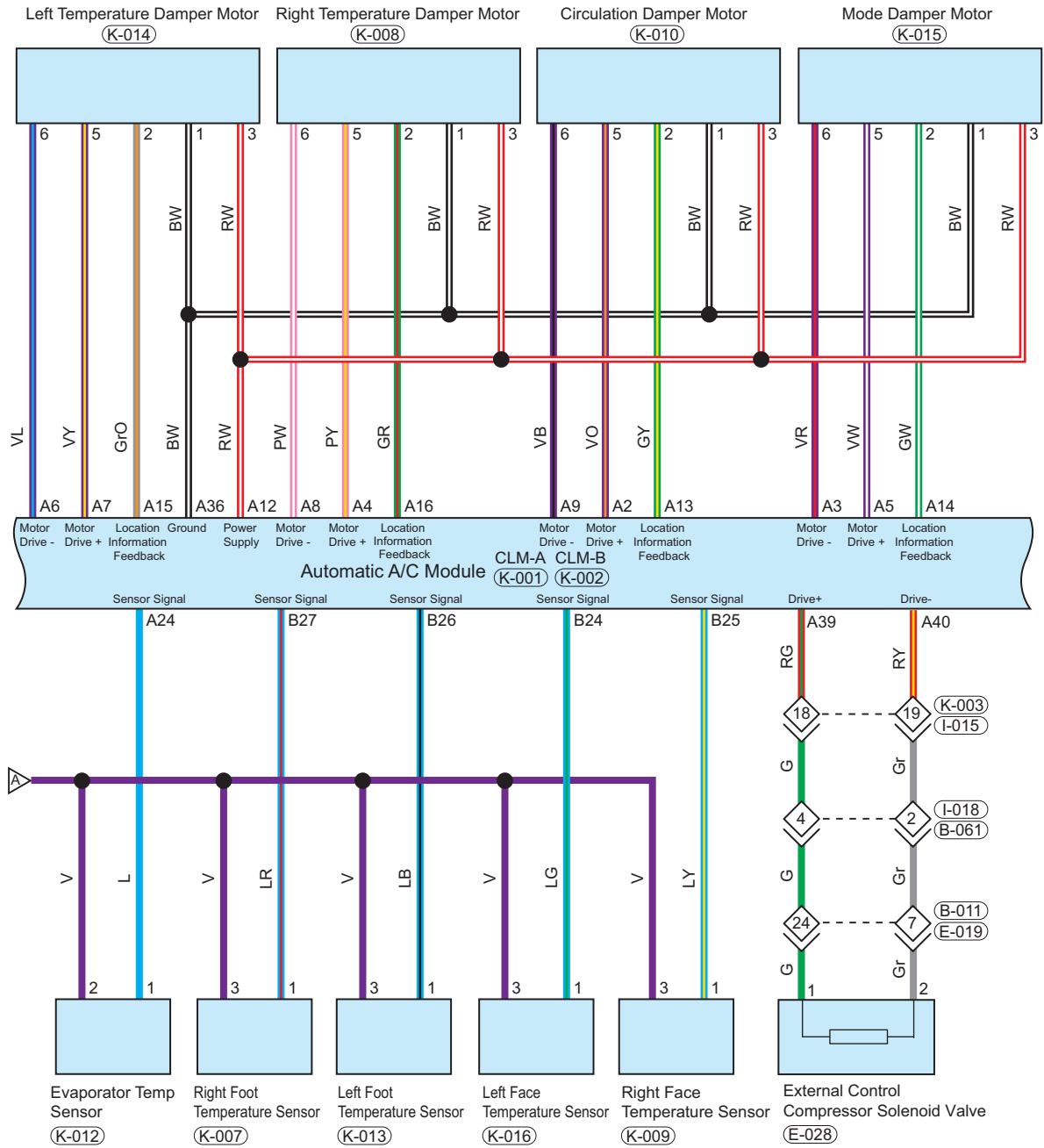
Wire Harness Connector	Name	Page Number
B-036	EPS Power Supply	10-51
B-055	EPS-X	10-52
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
GB-053	EPS Ground	10-52
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-033	Electric Power Steering EPS-S	10-72

# Automatic A/C Control System (CLM)



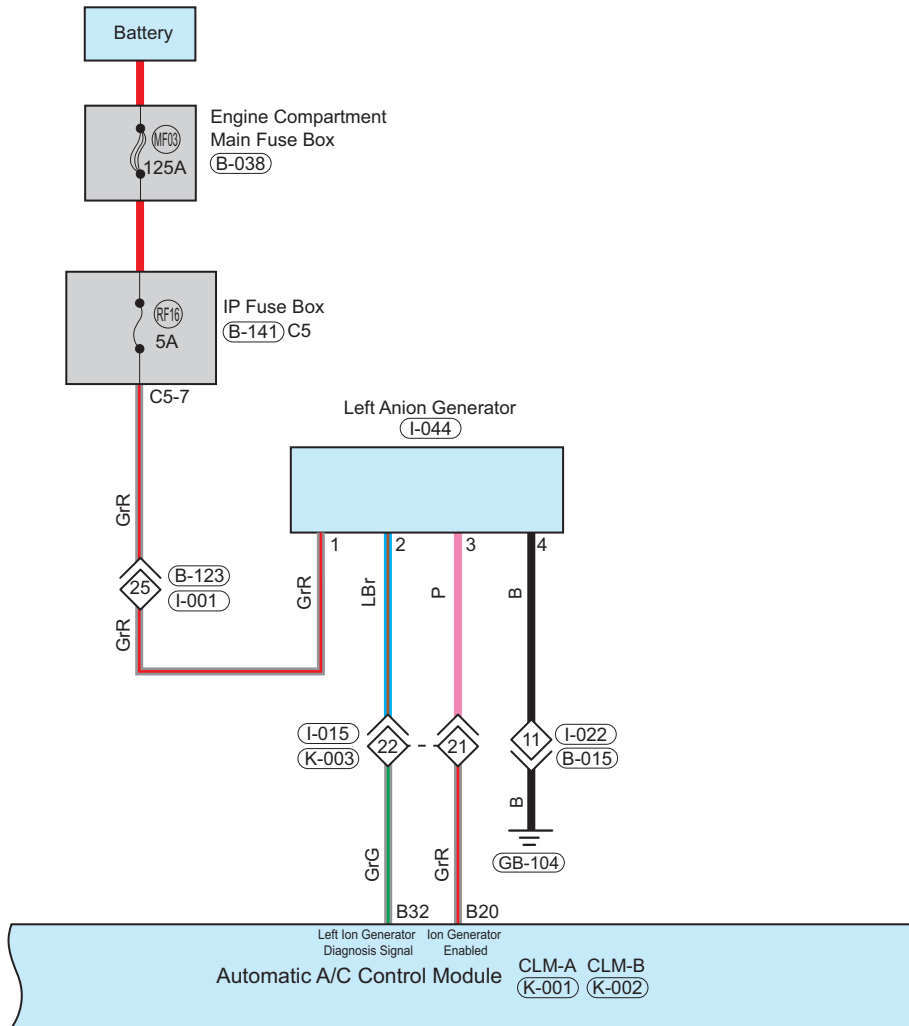
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# Automatic A/C Control System (CLM)

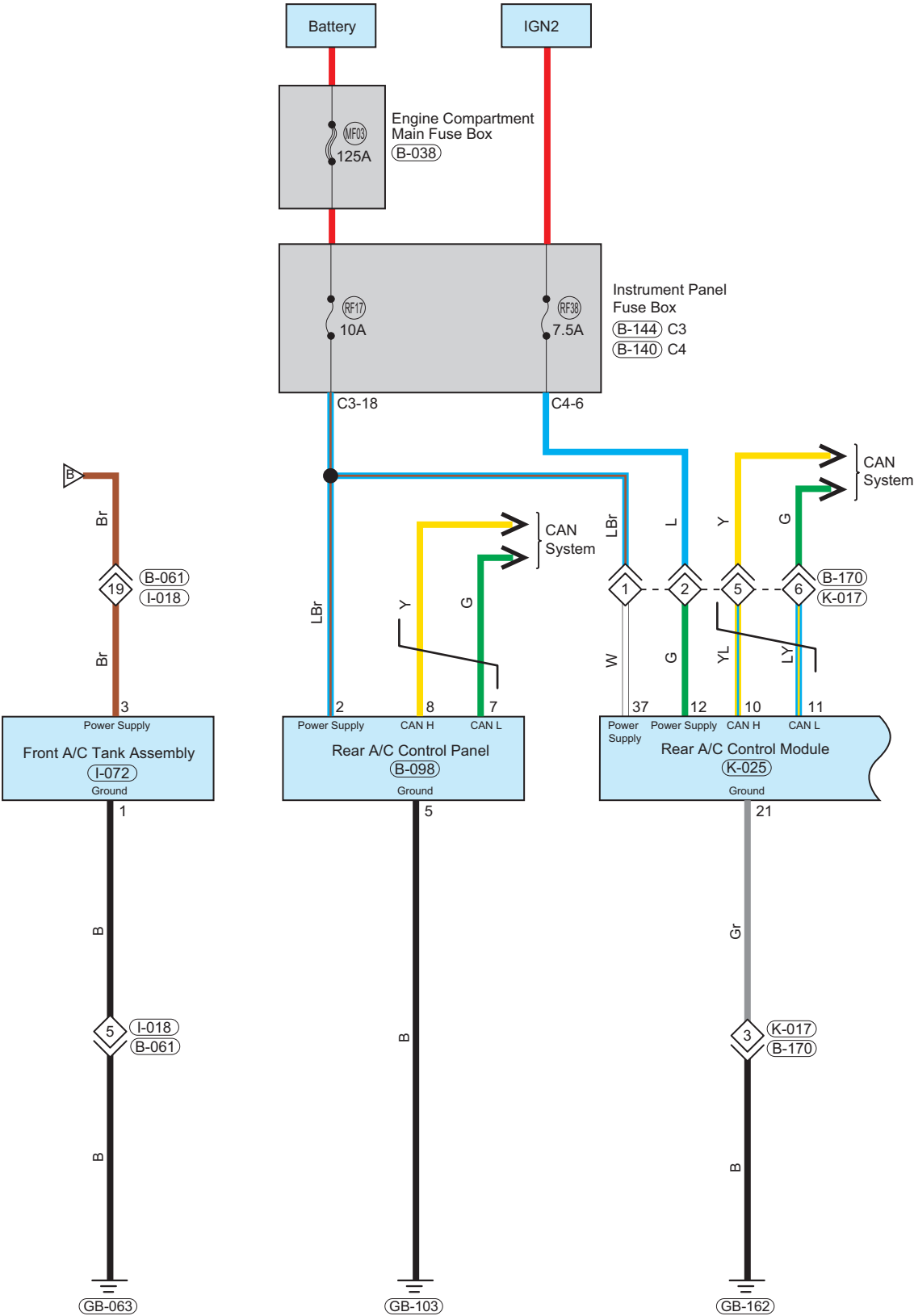


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# Automatic A/C Control System (CLM)

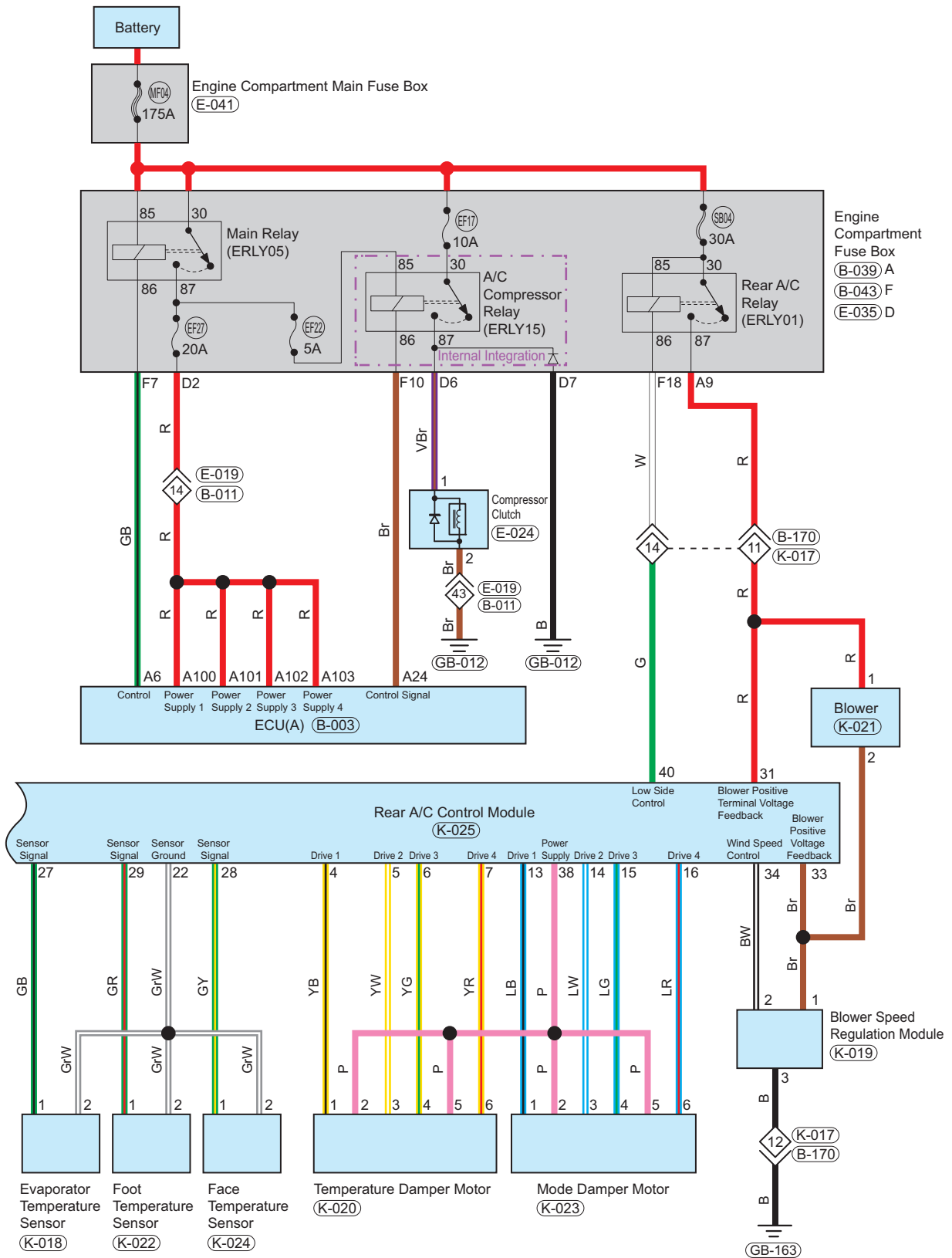


# Automatic A/C Control System (CLM)



ACE003001

# Automatic A/C Control System (CLM)



ACE004001

## Automatic A/C Control System (CLM)

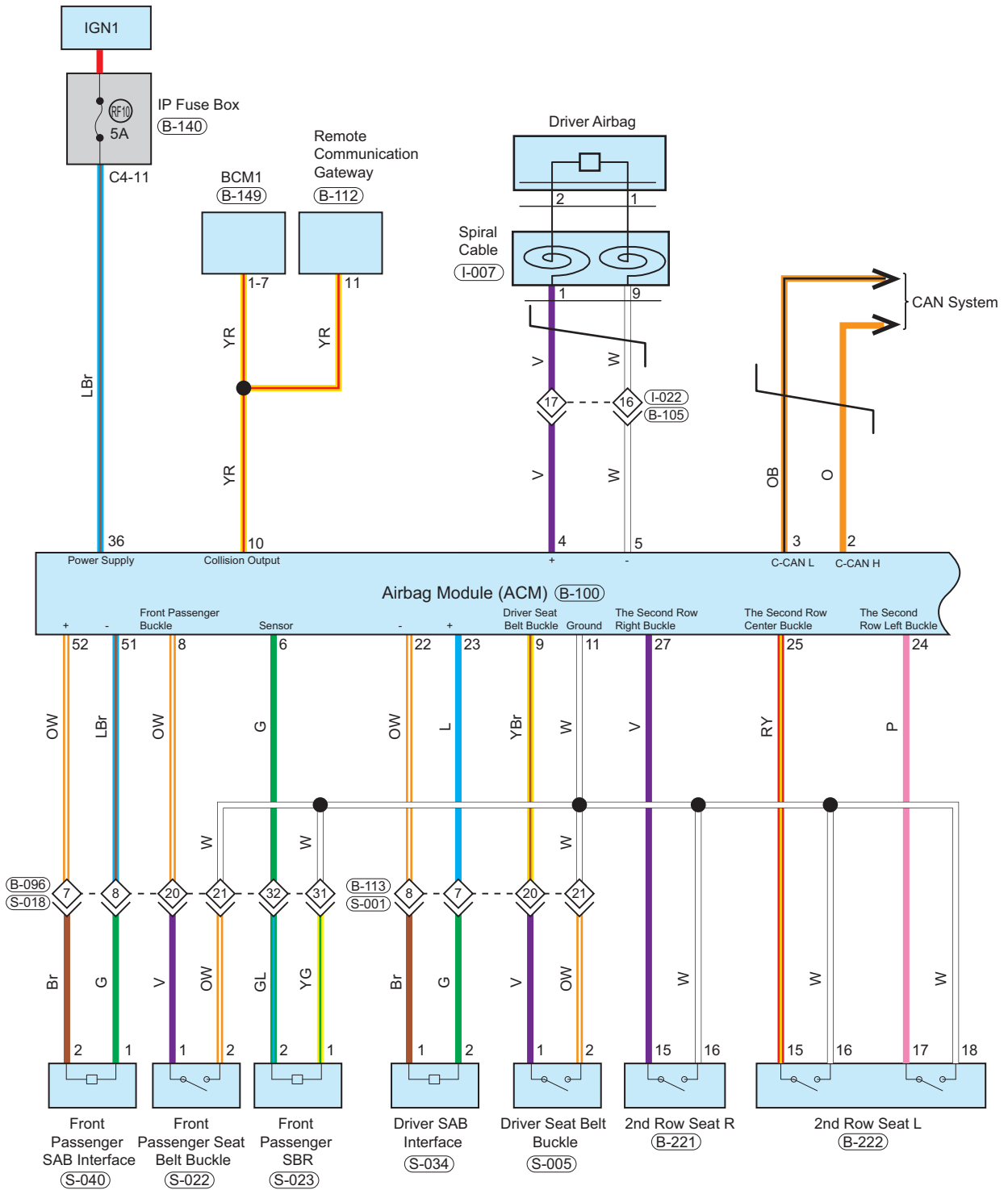
Wire Harness Connector	Name	Page Number
B-002	Ambient Temperature Sensor	10-49
B-003	ECU-A	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-015	A/C Pressure Sensor	10-50
B-038	IP F/R Box Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-098	Rear A/C Control Panel	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-143	Instrument Panel Fuse Box C1	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-170	Automatic A/C Rear Module	10-57
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-024	Compressor Clutch SW	10-6
E-028	External Control Compressor Solenoid Valve	10-6
E-035	Engine Compartment Fuse and Relay Box Connector D	10-6
E-041	PFB-UEC	10-101
GB-012	G06	10-49
GB-063	MHG2.3	10-52
GB-103	MHG2.51	10-54
GB-104	MHG2.53	10-54

Wire Harness Connector	Name	Page Number
GB-162	MHG2.8	10-57
GB-163	MHG2.10	10-57
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-009	Solar Sensor	10-70
I-015	Front A/C Wire Harness Interface	10-70
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-044	Left Anion Generator	10-73
I-072	Front A/C Tank Assembly	10-74
K-001	Automatic A/C Module A	10-88
K-002	Automatic B/C Module B	10-88
K-003	A/C Wire Harness to Instrument Panel Wire Harness Interface	10-88
K-004	Blower	10-88
K-005	Blower Speed Regulation Module	10-88
K-006	PM2.5 Sensor	10-88
K-007	Foot Temperature Sensor (Right)	10-88
K-008	Temperature Adjustment Motor (Right)	10-88
K-009	Face Temperature Sensor (Right)	10-88
K-010	Inner/Outer Circulation Motor	10-88
K-011	AQS Sensor	10-88
K-012	Evaporator Temperature Sensor	10-88
K-013	Foot Temperature Sensor (Left)	10-88
K-014	Temperature Adjustment Motor (Left)	10-88
K-015	Mode Damper Motor	10-88
K-016	Face Temperature Sensor (Left)	10-88
K-017	Rear A/C Wire Harness to Interior Wire Harness Interface	10-88
K-018	Evaporator Temperature Sensor	10-88
K-019	Blower Speed Regulation Module	10-88

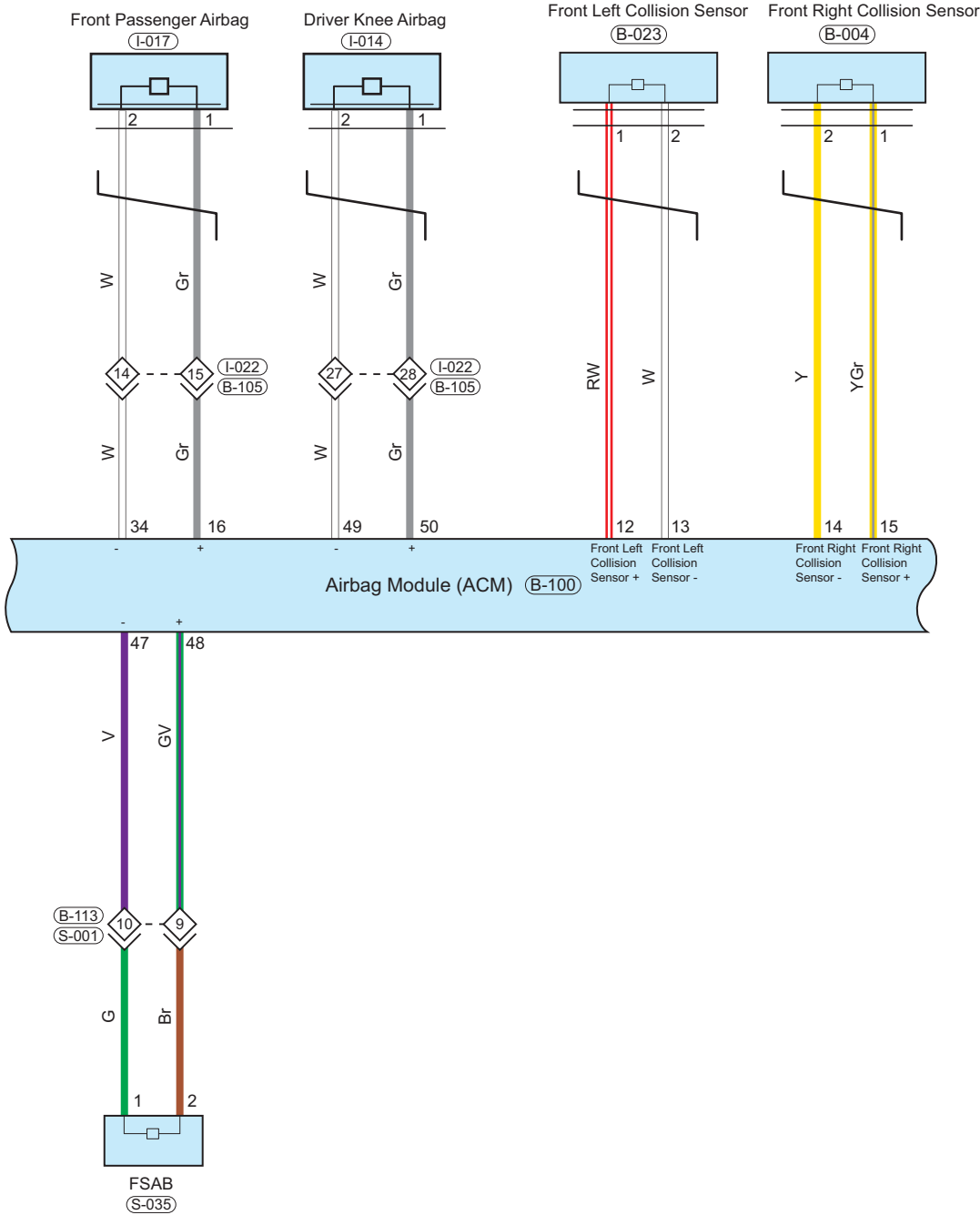


<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
K-020	Temperature Damper Motor	10-88
K-021	Blower	10-88
K-022	Foot Temperature Sensor	10-88
K-023	Mode Damper Motor	10-88
K-024	Face Temperature Sensor	10-88
K-025	Rear A/C Control Module	10-88

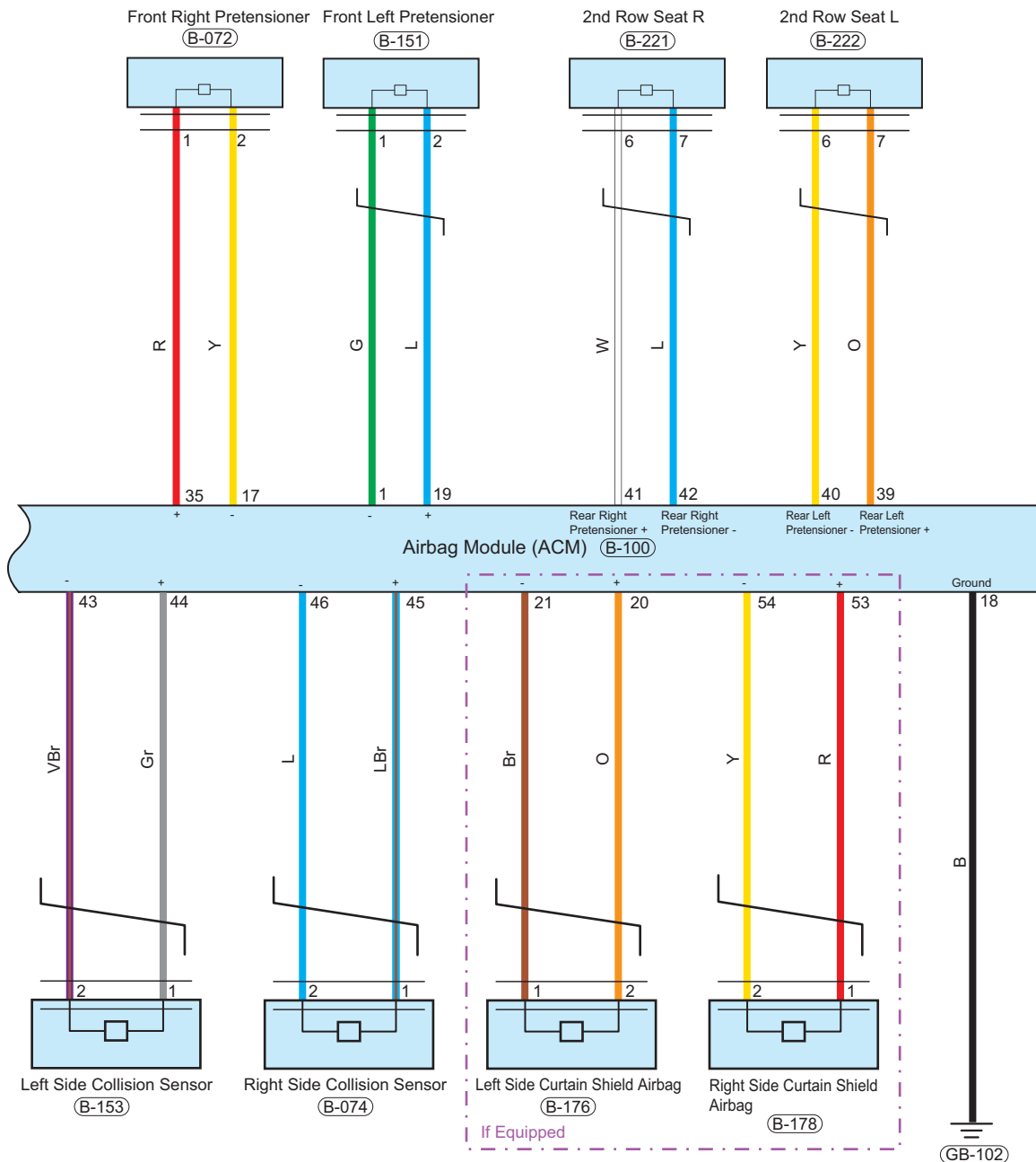
# Airbag System (ACM)



# Airbag System (ACM)



# Airbag System (ACM)



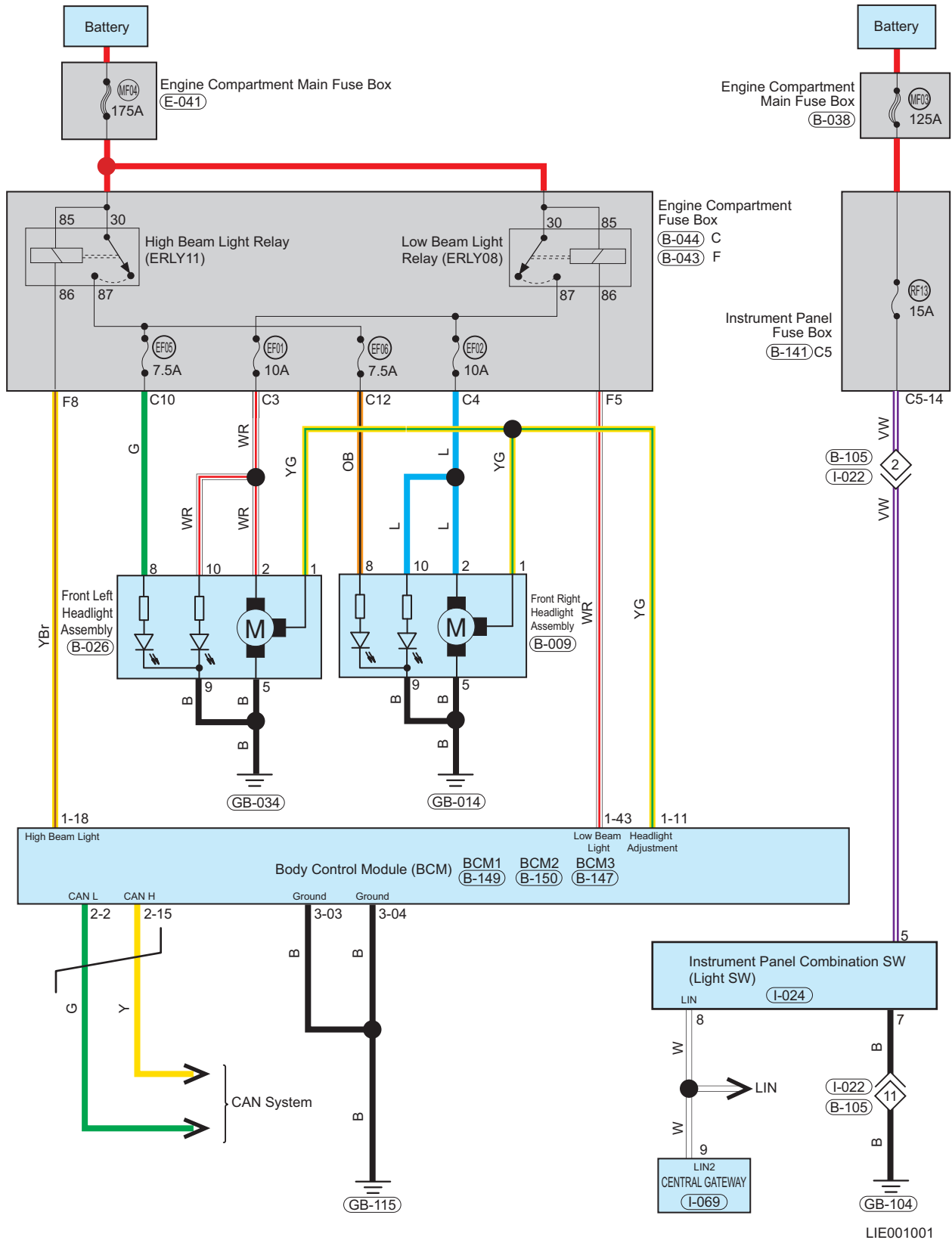
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## Airbag System (ACM)

Wire Harness Connector	Name	Page Number
B-004	Front Right Collision Sensor	10-49
B-023	Front Left Collision Sensor	10-50
B-072	Front Right Pretensioner	10-52
B-074	Right Side Collision Sensor	10-52
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness Connector	10-53
B-100	Airbag Control Module	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-112	Remote Communication Gateway	10-54
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness Connector	10-54
B-140	Instrument Panel Fuse Box C4	10-56
B-149	BCM-1	10-56
B-151	Front Left Pretensioner	10-56
B-153	Left Side Collision Sensor	10-57
B-176	Left Side Curtain Shield Airbag	10-58
B-178	Right Side Curtain Shield Airbag	10-58
B-221	R 2nd Row Seat INLINE	10-60
B-222	L 2nd Row Seat INLINE	10-60
GB-102	MHG2.52	10-54
I-007	Spiral Cable	10-70
I-014	Driver Knee Airbag	10-70
I-017	Front Passenger Airbag	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
S-010	Front Left BUCKLE Interface	10-95
S-017	Front Left SAB Interface	10-95
S-018	Front Left Vehicle Interface	10-95
S-019	FSAB	10-95
S-026	Front Right Vehicle Interface	10-96
S-028	Front Right SAB Interface	10-96
S-029	Front Right BUCKLE Interface	10-96
S-032	Front Right SBR Interface	10-96

# Lighting System

## High/Low Beam Light

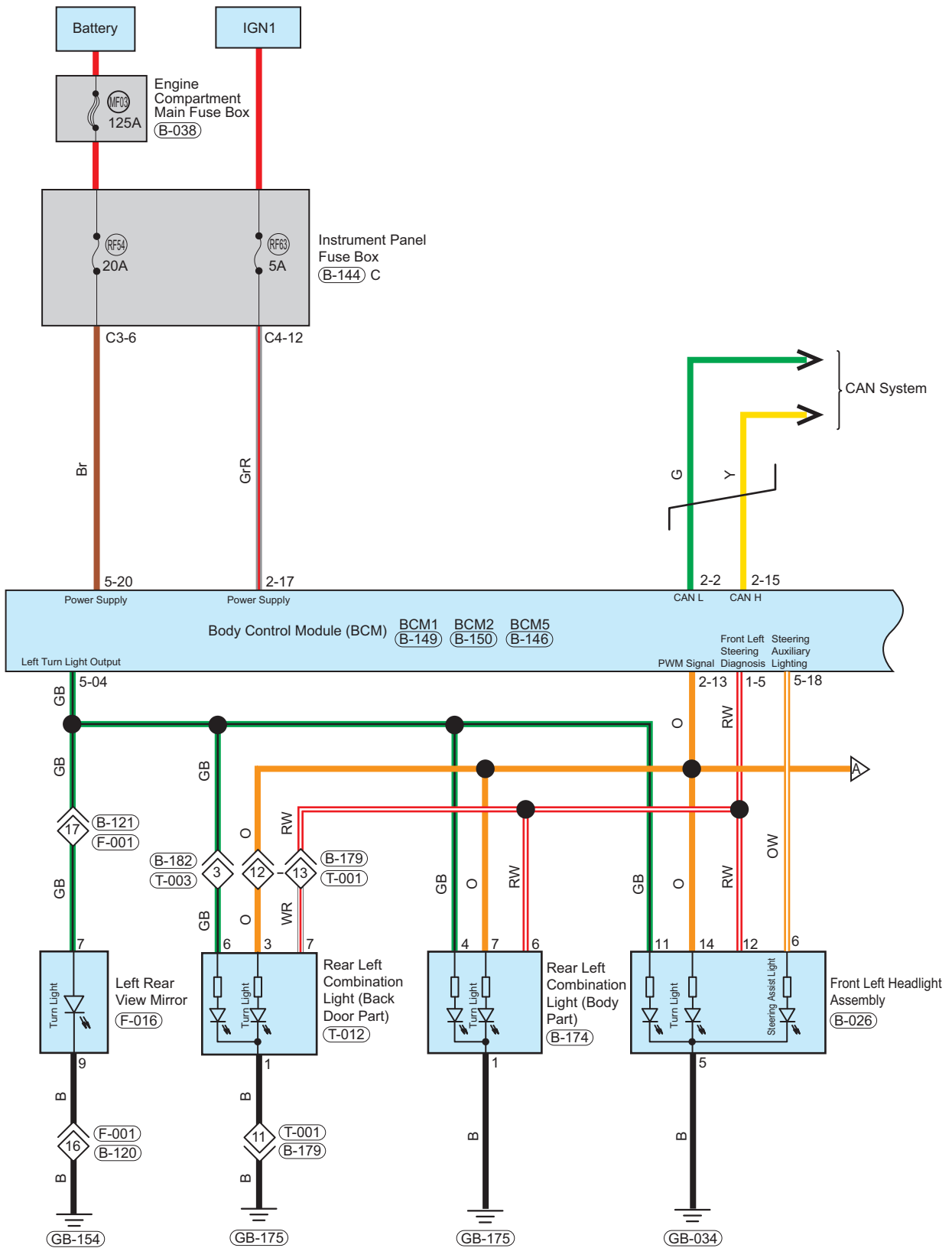


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## High/Low Beam Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-49
B-026	Front Left Headlight Assembly	10-50
B-038	IP F/R Box Power Supply	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-141	Instrument Panel Fuse Box C5	10-56
B-147	BCM-3	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
E-041	PFB-UEC	10-101
GB-014	G05	10-49
GB-034	G02	10-51
GB-104	MHG2.53	10-54
GB-115	MHG2.2	10-54
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-024	Instrument Panel Combination SW	10-72
I-069	Central Gateway	10-74

# Turn Light

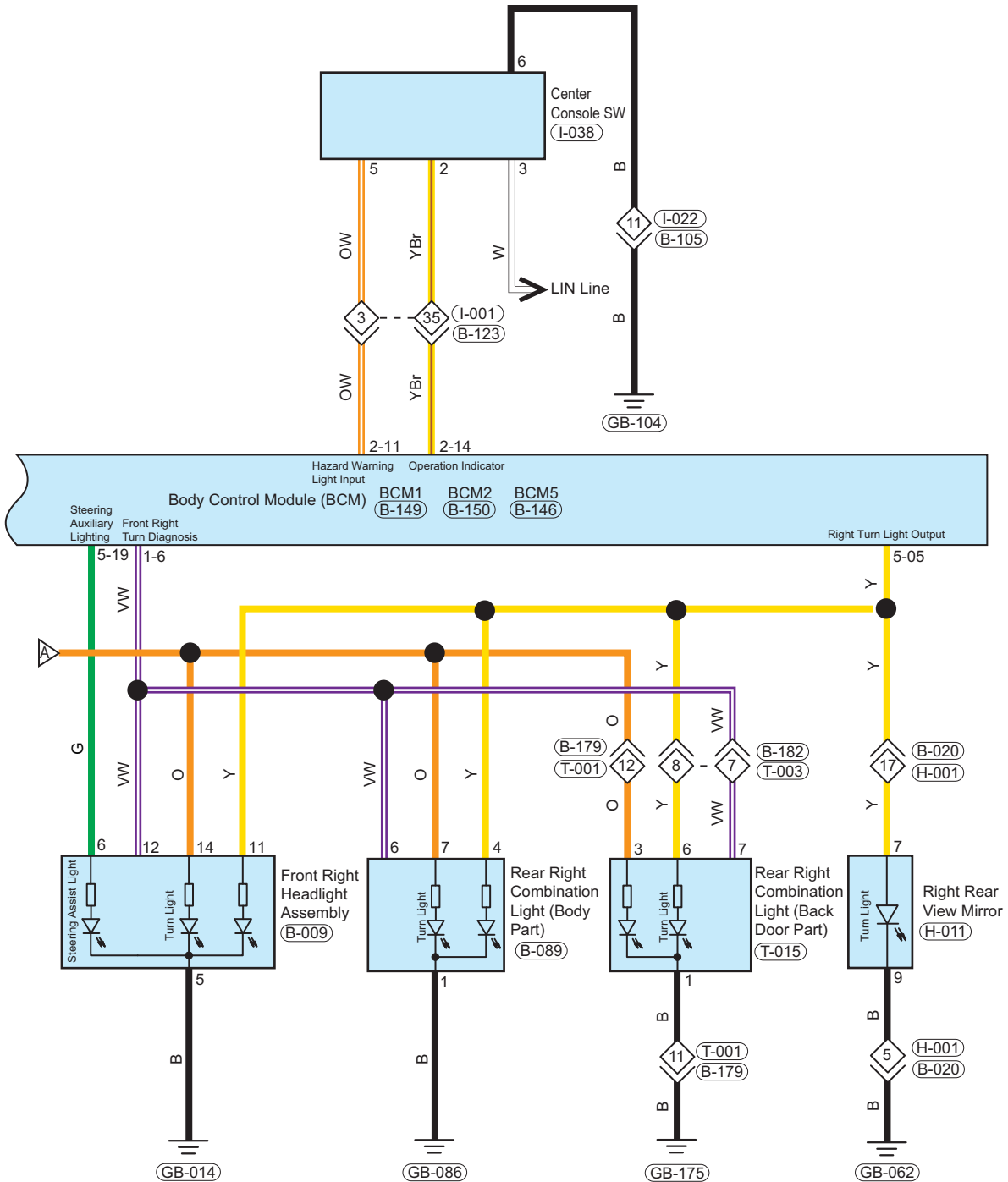


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LIE003001



# Turn Light



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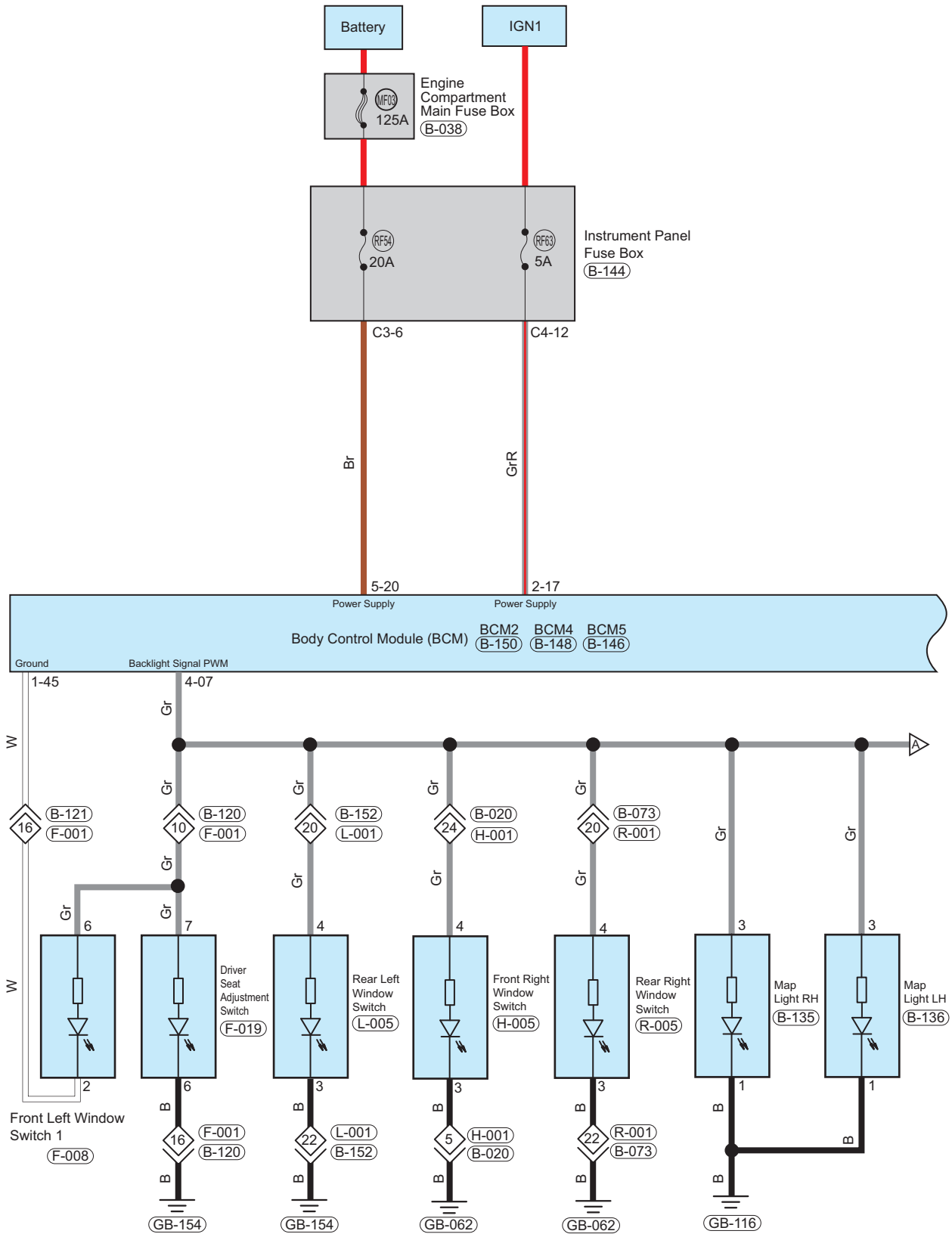
LIE004001

## Turn Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-49
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-026	Front Left Headlight Assembly	10-50
B-038	IP F/R Box Power Supply	10-51
B-089	Rear Right Combination Light (Body Part)	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-144	Instrument Panel Fuse Box C3	10-56
B-146	BCM-5	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
B-174	Rear Left Combination Light (Body Part)	10-58
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-016	Left Rear View Mirror Interface	10-76
GB-014	G05	10-49
GB-034	G02	10-51
GB-062	MHG2.1	10-52
GB-086	MHG2.9	10-53
GB-104	MHG2.53	10-54
GB-154	MHG2.6A	10-57

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
GB-175	MHG2.16	10-58
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-011	Right Rear View Mirror Interface	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-038	Central Console Switch Assembly	10-72
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-012	Rear Left Combination Light (Back Door Part)	10-85
T-015	Rear Right Combination Light (Back Door Part)	10-85

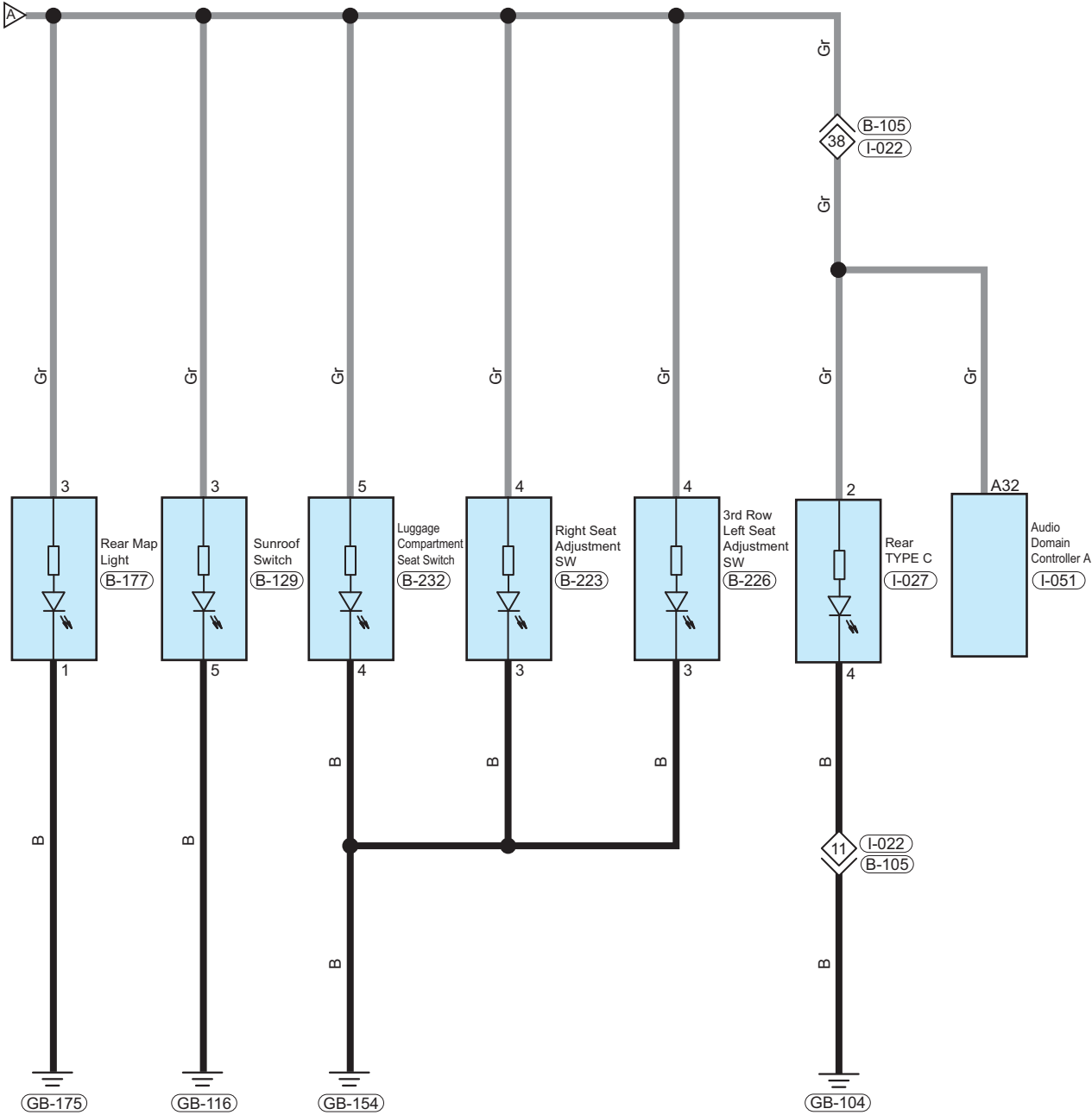
# Backlight



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LIE006001

# Backlight

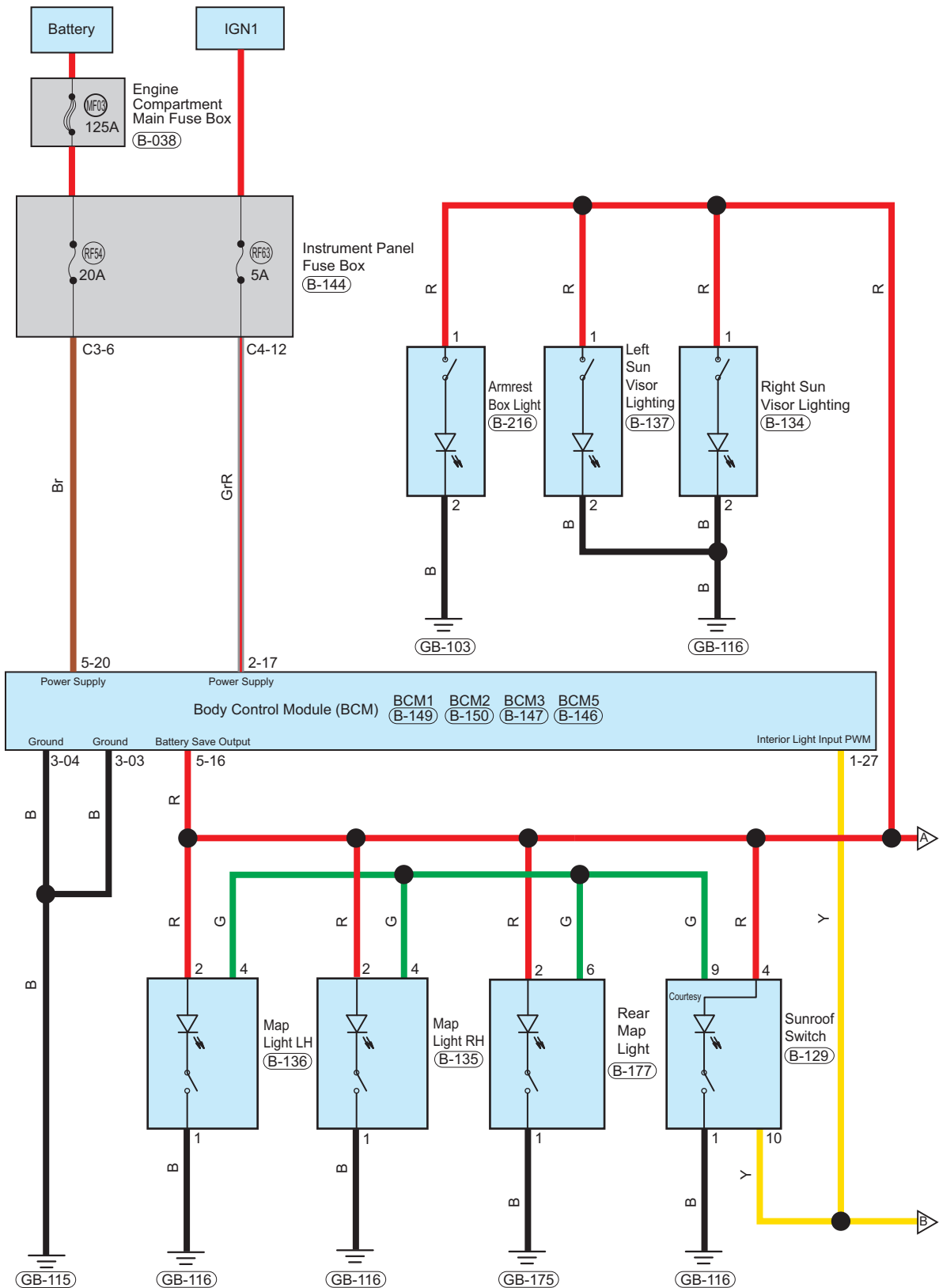


## Backlight

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-129	Sliding Roof Switch	10-55
B-135	Right Map Light	10-56
B-136	Left Map Light	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-146	BCM-5	10-56
B-148	BCM-4	10-56
B-150	BCM-2	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-177	Rear Map Light	10-58
B-223	R Right Seat Adjustment SW	10-60
B-226	3rd Row Left Seat Adjustment SW	10-60
B-232	Trunk Seat Switch	10-61
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-008	Front Left Window Switch 1	10-76
F-019	Driver Seat Adjustment Switch	10-76
GB-062	MHG2.1	10-52
GB-104	MHG2.53	10-54
GB-116	MHG2.4	10-54
GB-154	MHG2.6A	10-57
GB-175	MHG2.16	10-58

Wire Harness Connector	Name	Page Number
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-005	Front Right Window Switch	10-78
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-027	Rear TYPE C	10-72
I-051	Audio Domain Controller A	10-73
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-005	Rear Left Window Switch	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-005	Rear Right Window Switch	10-82

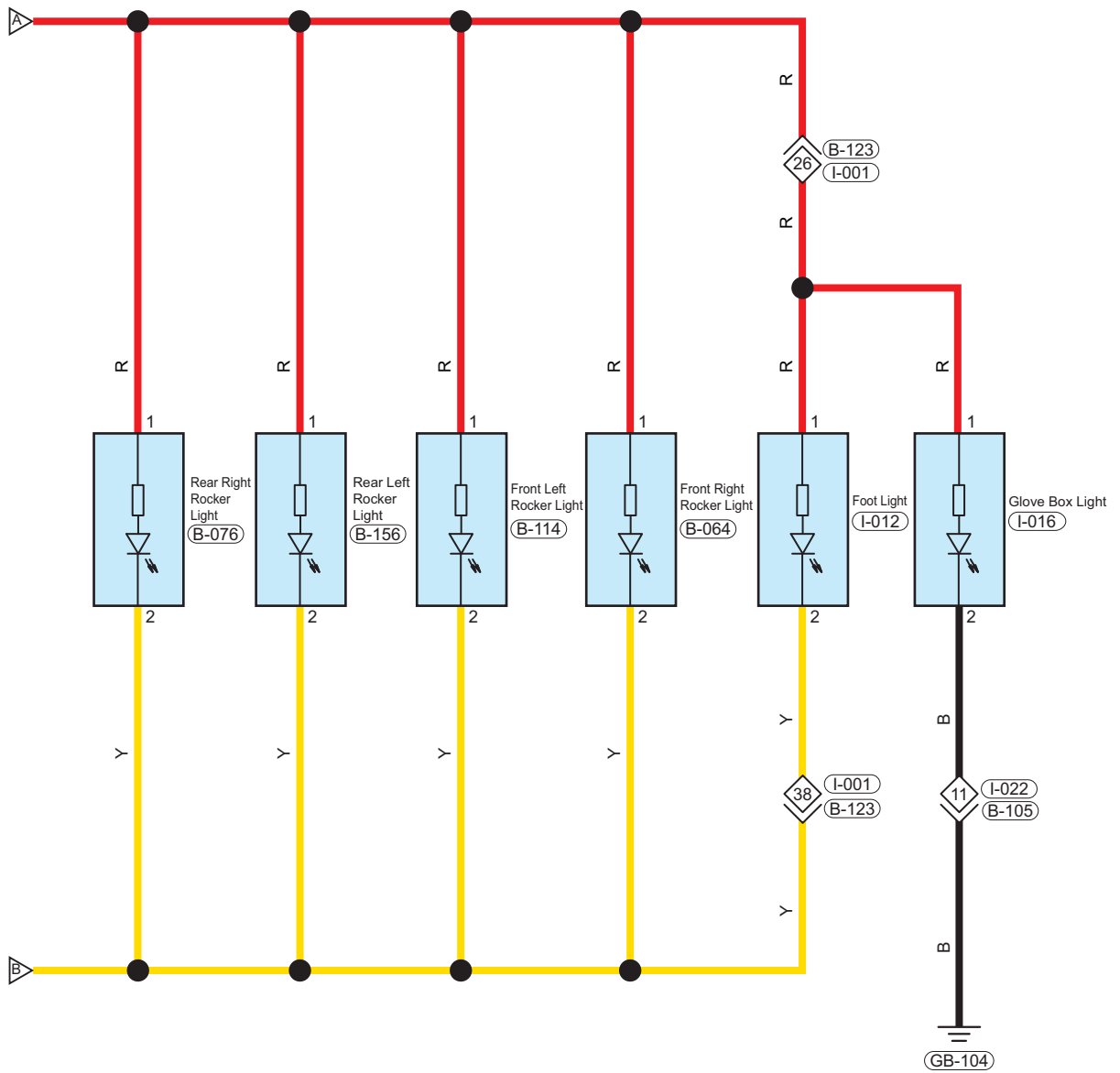
# Map Light, Vanity Light, Foot Light, Glove Box Light, Rocker Light



LIE009001



# Map Light, Vanity Light, Foot Light, Glove Box Light, Rocker Light

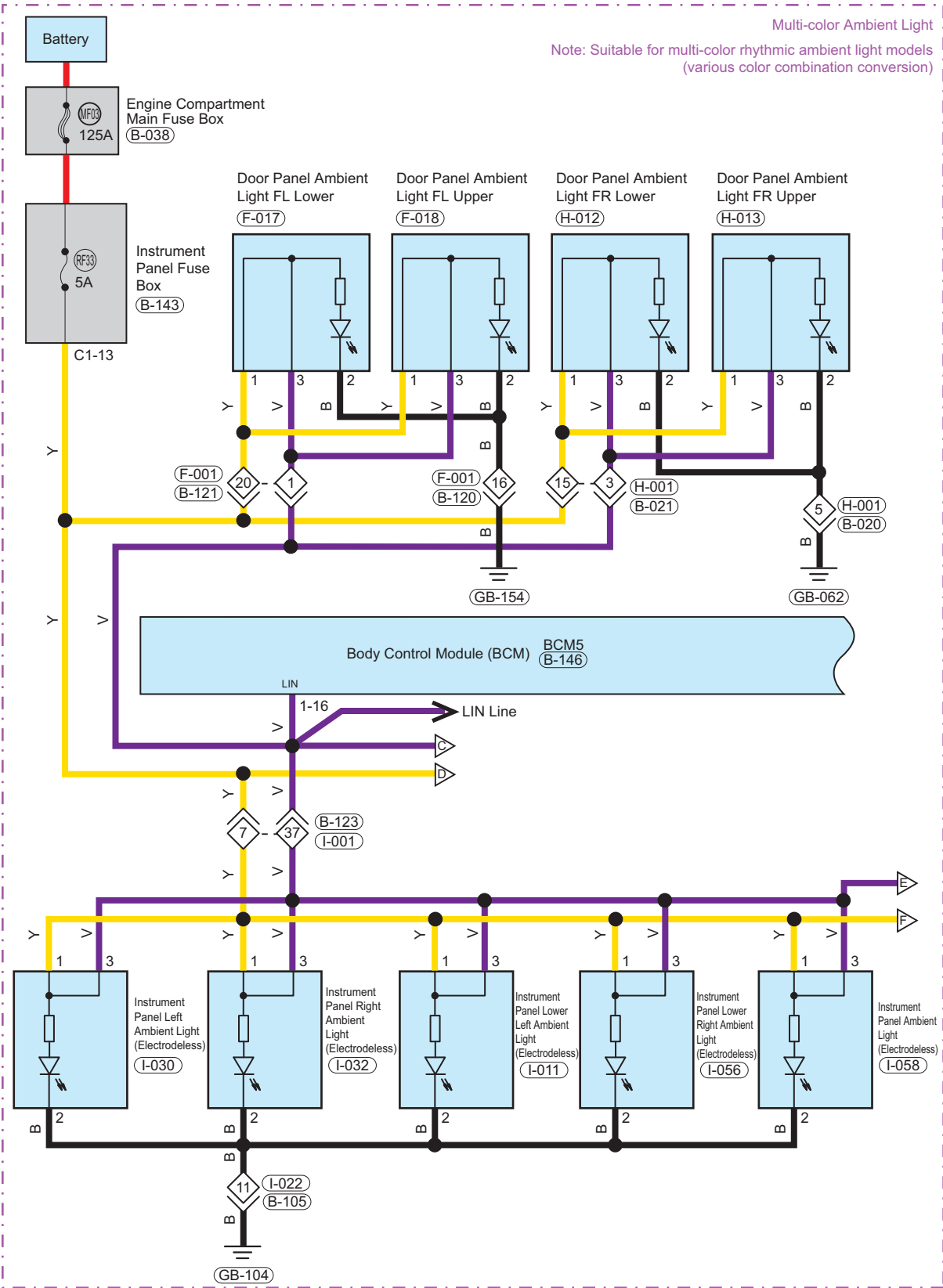


LIE010001

## Map Light, Vanity Light, Foot Light, Glove Box Light, Rocker Light

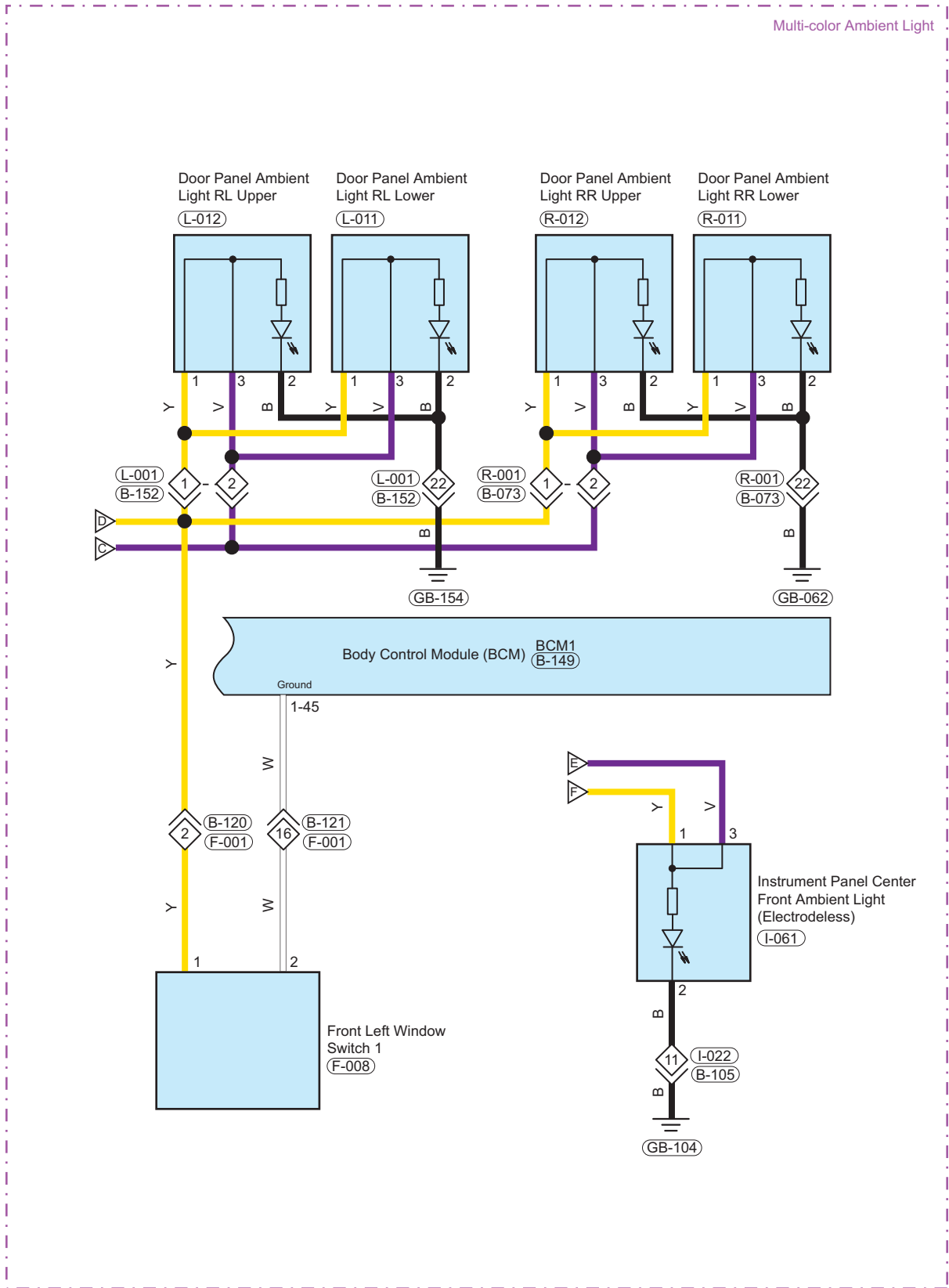
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-064	Door Scuff Plate Light FR	10-52
B-076	Door Scuff Plate Light FR	10-52
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-114	Door Scuff Plate Light FL	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-129	Sliding Roof Switch	10-55
B-134	Sun Visor Lighting RH	10-56
B-135	Right Map Light	10-56
B-136	Left Map Light	10-56
B-137	Sun Visor Lighting LH	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-146	BCM-5	10-56
B-147	BCM-3	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
B-156	Door Scuff Plate Light FL	10-57
B-177	Rear Map Light	10-58
B-216	Armrest Box Light	10-60
GB-103	MHG2.51	10-54
GB-104	MHG2.53	10-54
GB-115	MHG2.2	10-54
GB-116	MHG2.4	10-54
GB-175	MHG2.16	10-58
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-012	Foot Light	10-71
I-016	Glove Box Light	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72

# Ambient Light



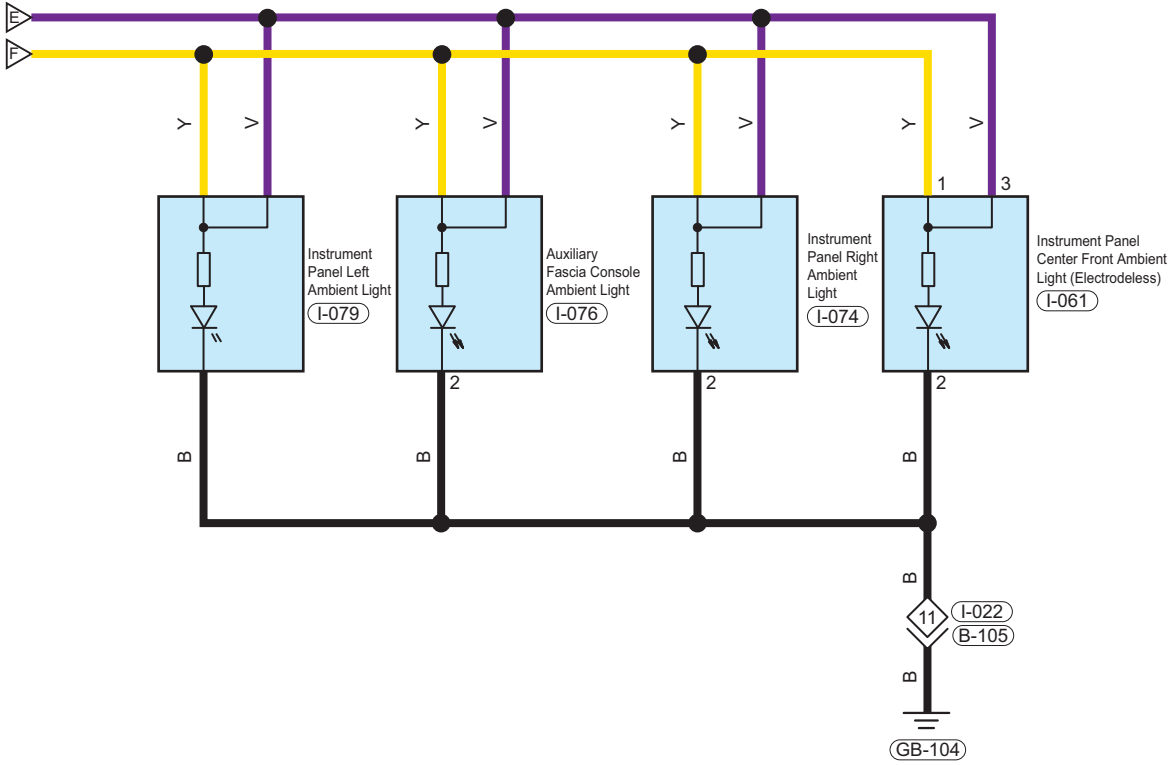
LIE023001

# Ambient Light



LIE023002

# Ambient Light

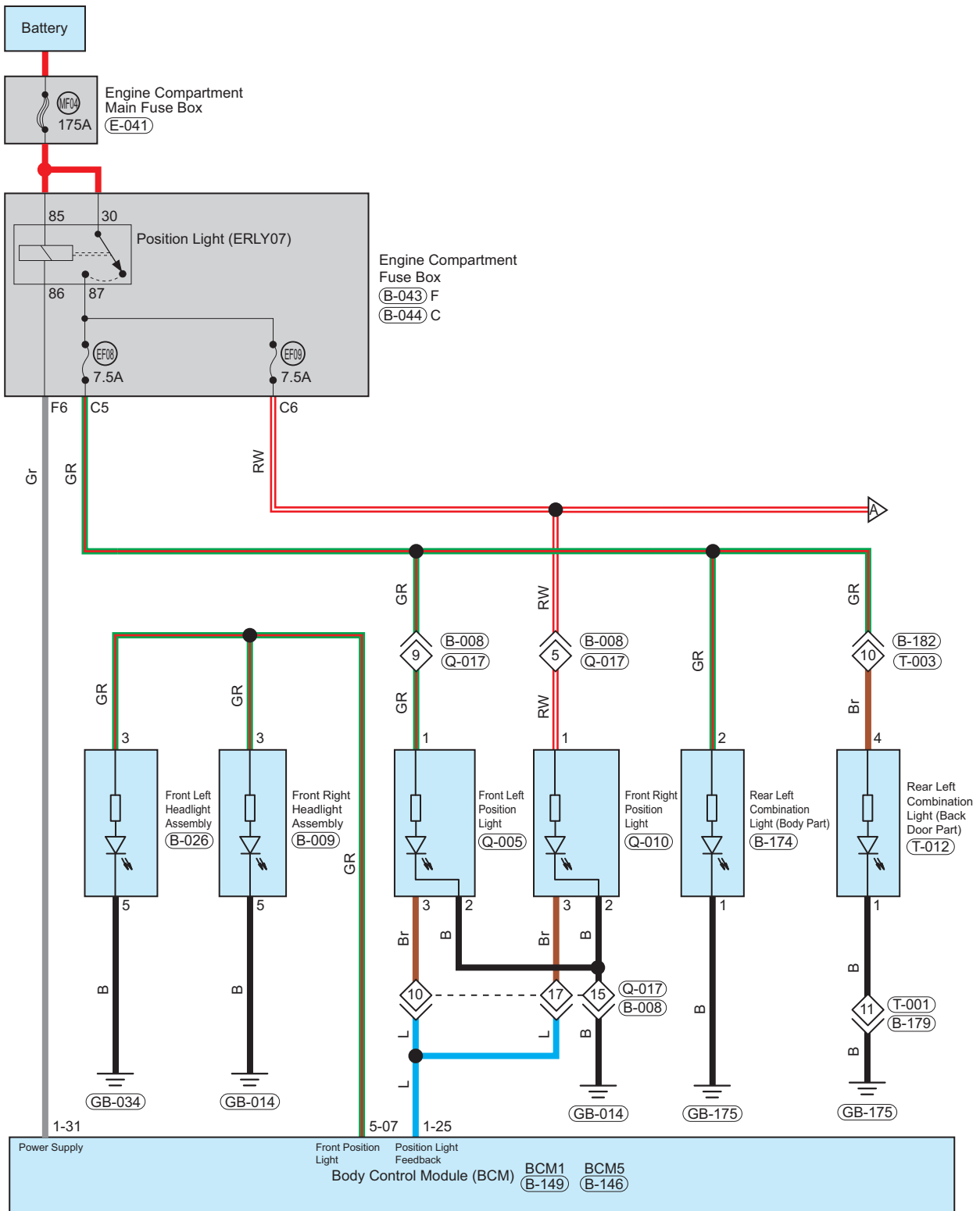


## Ambient Light

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-146	BCM-5	10-56
B-149	BCM-1	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-008	Front Left Window Switch 1	10-76
F-017	Door Panel Ambient Light FL Lower	10-76
F-018	Door Panel Ambient Light FL Upper	10-76
GB-062	MHG2.1	10-52
GB-104	MHG2.53	10-54
GB-154	MHG2.6A	10-57
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-012	Door Panel Ambient Light FR Lower	10-78

Wire Harness Connector	Name	Page Number
H-013	Door Panel Ambient Light FR Upper	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-011	Instrument Panel Lower Left Ambient Light (Electrodeless)	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-030	Instrument Panel Left Ambient Light (Electrodeless)	10-72
I-032	Instrument Panel Right Ambient Light (Electrodeless)	10-72
I-056	Instrument Panel Lower Right Ambient Light (Electrodeless)	10-73
I-058	Instrument Panel Ambient Light (Electrodeless)	10-74
I-061	Instrument Panel Center Front Ambient Light (Electrodeless)	10-74
I-074	Instrument Panel Right Ambient Light	10-74
I-076	Auxiliary Fascia Console Ambient Light	10-74
I-079	Instrument Panel Left Ambient Light	10-74
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-011	Door Panel Ambient Light RL Lower	10-80
L-012	Door Panel Ambient Light RL Upper	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-011	Door Panel Ambient Light RR Lower	10-82
R-012	Door Panel Ambient Light RR Upper	10-82

# Position Light, License Plate Light

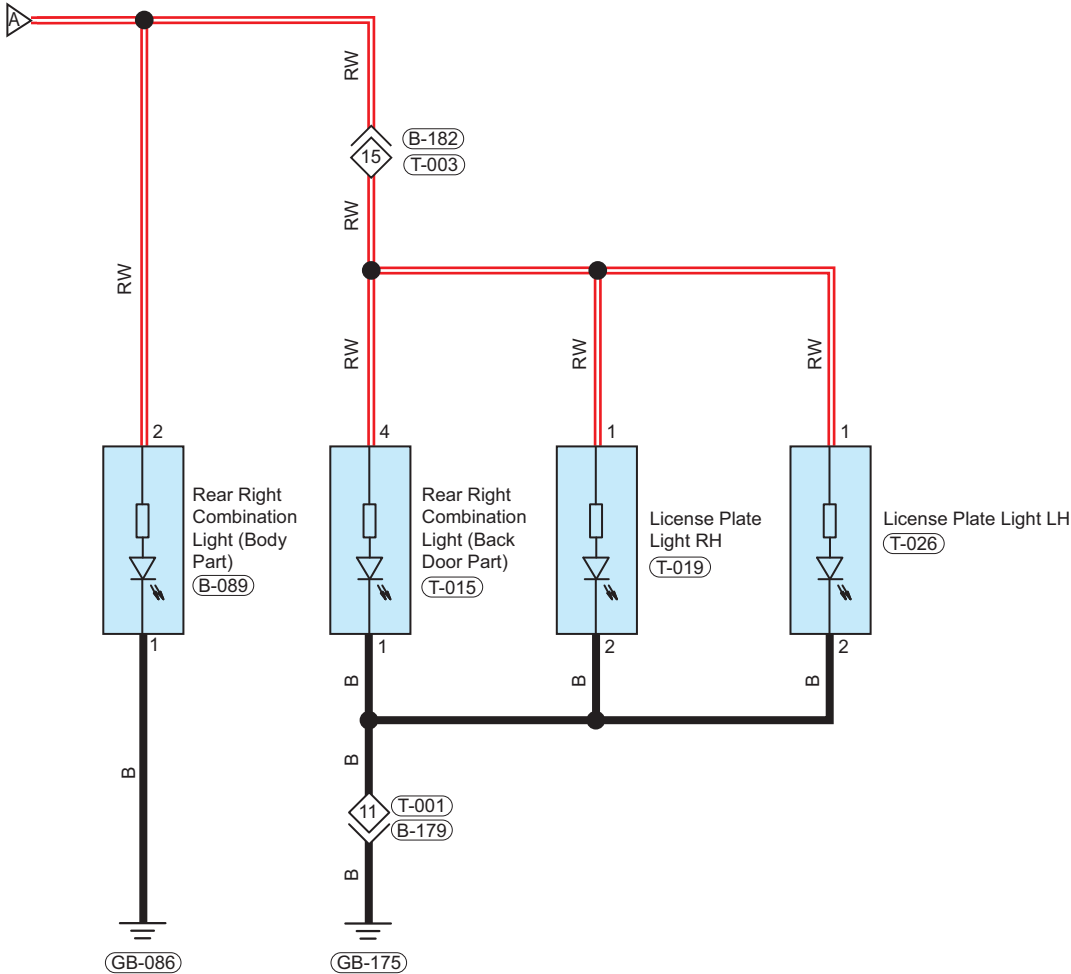


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LIE014001



# Position Light, License Plate Light



LIE015001

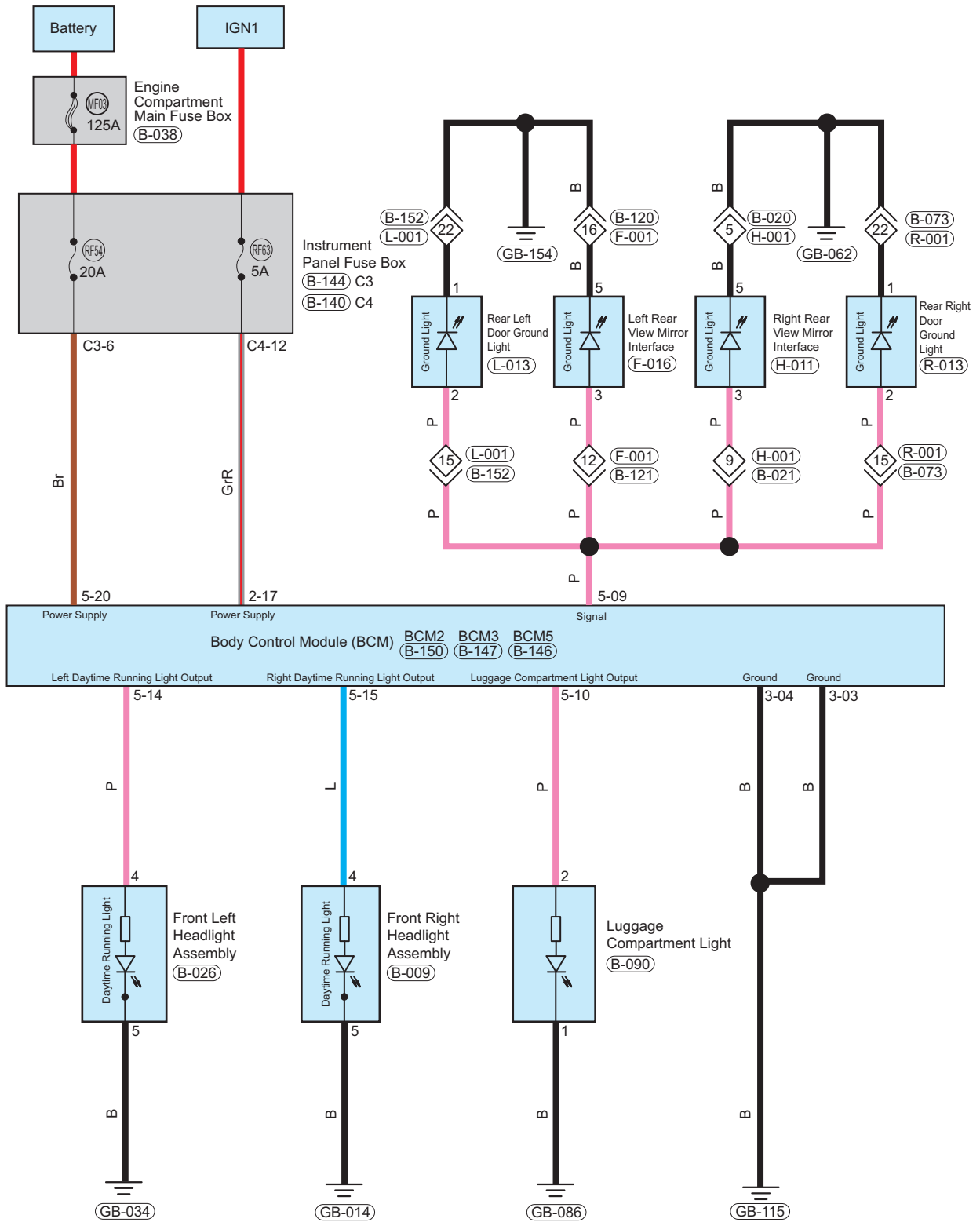
## Position Light, License Plate Light

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-49
B-009	Front Right Headlight Assembly	10-49
B-026	Front Left Headlight Assembly	10-50
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-089	Rear Right Combination Light (Body Part)	10-53
B-146	BCM-5	10-56
B-149	BCM-1	10-56
B-174	Rear Left Combination Light (Body Part)	10-58
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
E-041	PFB-UEC	10-101
GB-014	G05	10-49
GB-034	G02	10-51
GB-086	MHG2.9	10-53
GB-175	MHG2.16	10-58
Q-005	Front Left Position Light	10-11
Q-010	Front Right Position Light	10-11
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-11
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-012	Rear Left Combination Light (Back Door Part)	10-85
T-015	Rear Right Combination Light (Back Door Part)	10-85
T-019	License Plate Light RH	10-85

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<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
T-026	License Plate Light LH	10-85

# Luggage Compartment Light, Daytime Running Light, Foot Light



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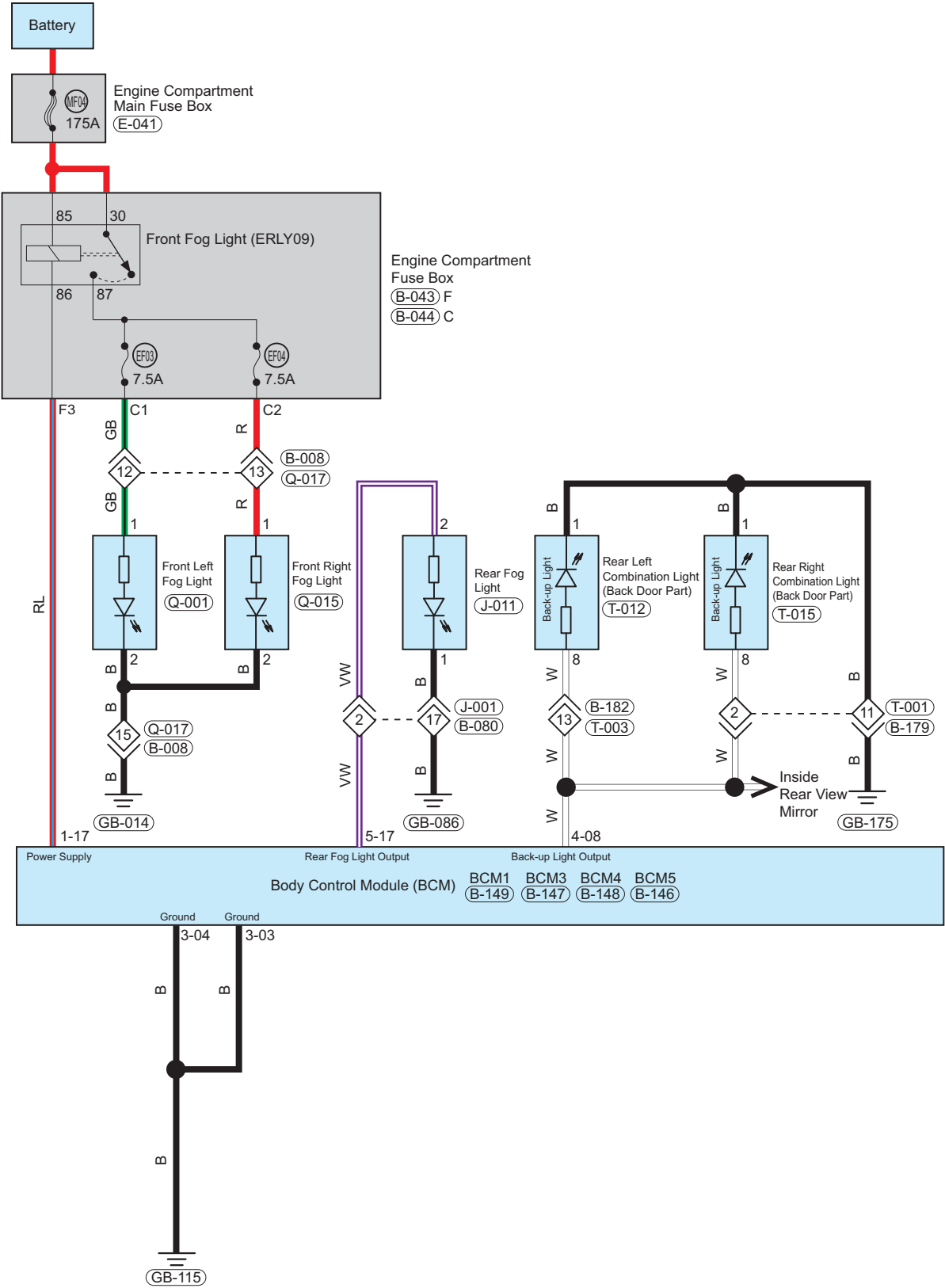
LIE017001

## Luggage Compartment Light, Daytime Running Light, Foot Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-49
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-026	Front Left Headlight Assembly	10-50
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-090	Luggage Compartment Light	10-53
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-146	BCM-5	10-56
B-147	BCM-3	10-56
B-150	BCM-2	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-016	Left Rear View Mirror Interface	10-76
GB-014	G05	10-49
GB-034	G02	10-51
GB-062	MHG2.1	10-52
GB-086	MHG2.9	10-53
GB-115	MHG2.2	10-54
GB-154	MHG2.6A	10-57
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-011	Right Rear View Mirror Interface	10-78

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-013	Rear Left Door Ground Light	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-013	Rear Right Door Ground Light	10-82

# Fog Light, Back-up Light



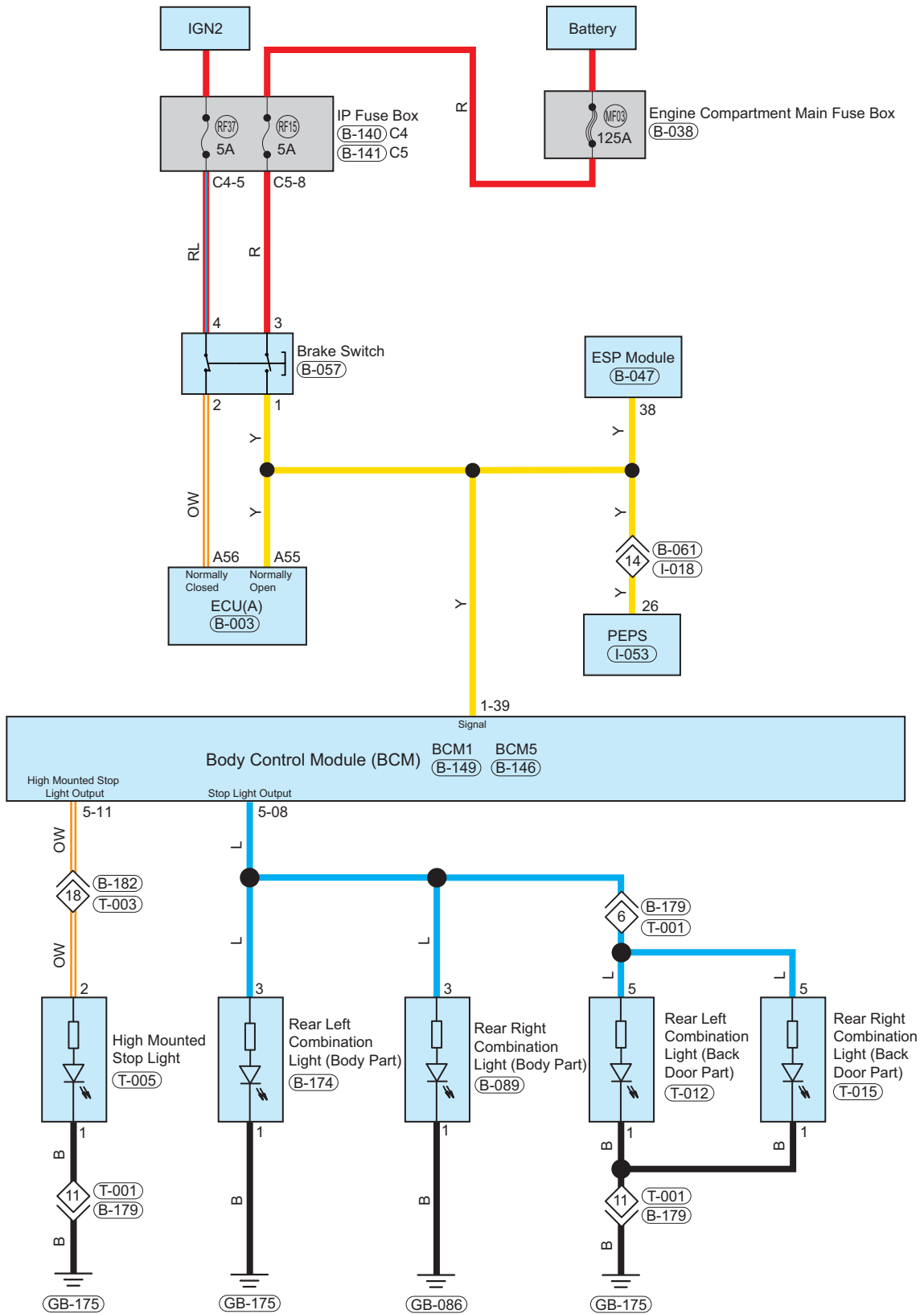
## Fog Light, Back-up Light

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-49
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-146	BCM-5	10-56
B-147	BCM-3	10-56
B-148	BCM-4	10-56
B-149	BCM-1	10-56
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
E-041	PFB-UEC	10-101
GB-014	G05	10-49
GB-086	MHG2.9	10-53
GB-115	MHG2.2	10-54
GB-175	MHG2.16	10-58
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-011	Rear Fog Light	10-14
Q-001	Fog Light FL	10-11
Q-015	Fog Light FR	10-11
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-11
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-012	Rear Left Combination Light (Back Door Part)	10-85



<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
T-015	Rear Right Combination Light (Back Door Part)	10-85

# Brake Light



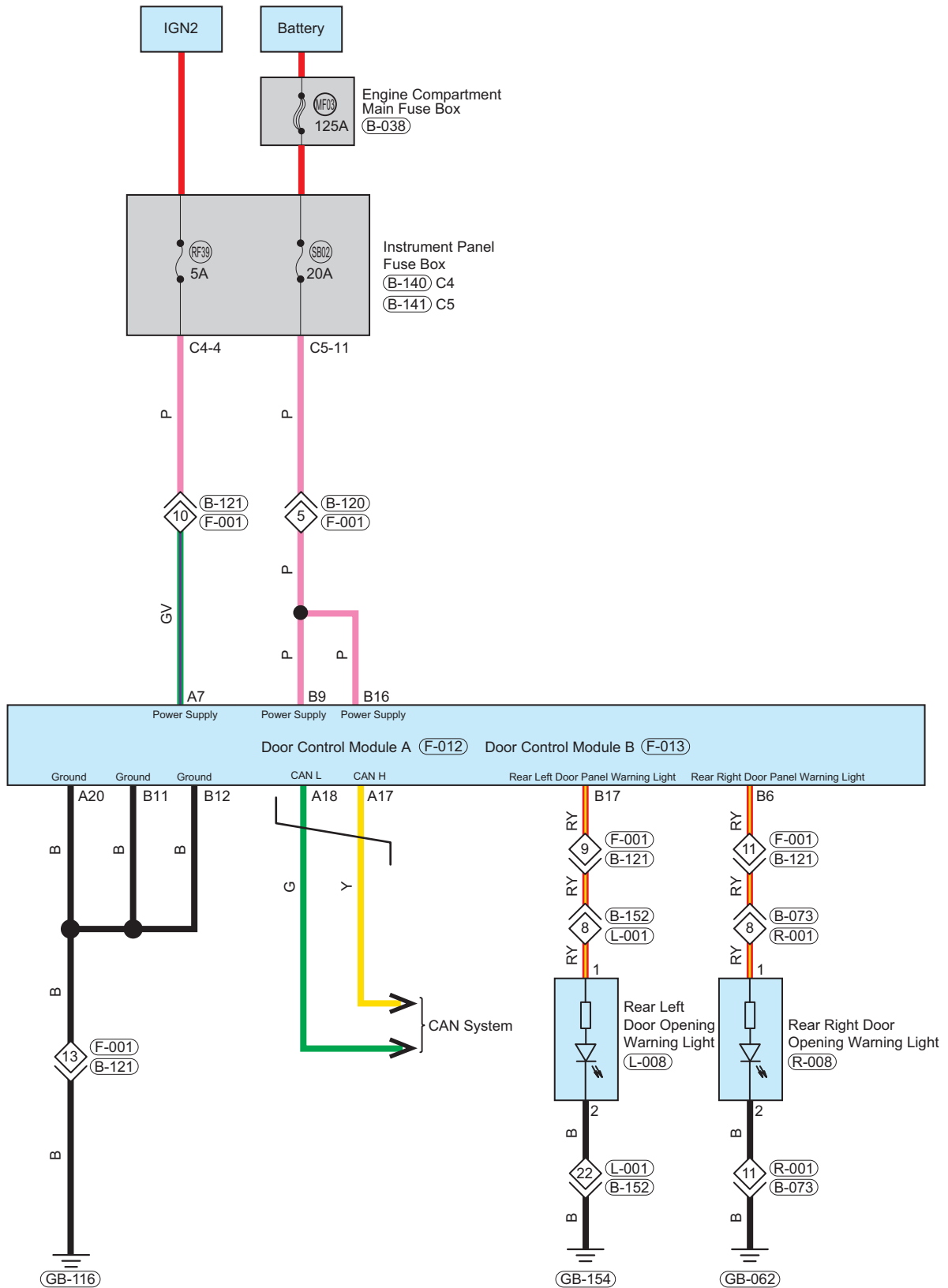
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LIE021001

## Brake Light

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-038	IP F/R Box Power Supply	10-51
B-047	ESP Module	10-51
B-057	Brake Switch	10-52
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-089	Rear Right Combination Light (Body Part)	10-53
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-146	BCM-5	10-56
B-149	BCM-1	10-56
B-174	Rear Left Combination Light (Body Part)	10-58
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
GB-086	MHG2.9	10-53
GB-175	MHG2.16	10-58
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-053	PEPS	10-73
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-005	High Mounted Stop Light	10-85
T-012	Rear Left Combination Light (Back Door Part)	10-85
T-015	Rear Right Combination Light (Back Door Part)	10-85

# Warning Indicator Light



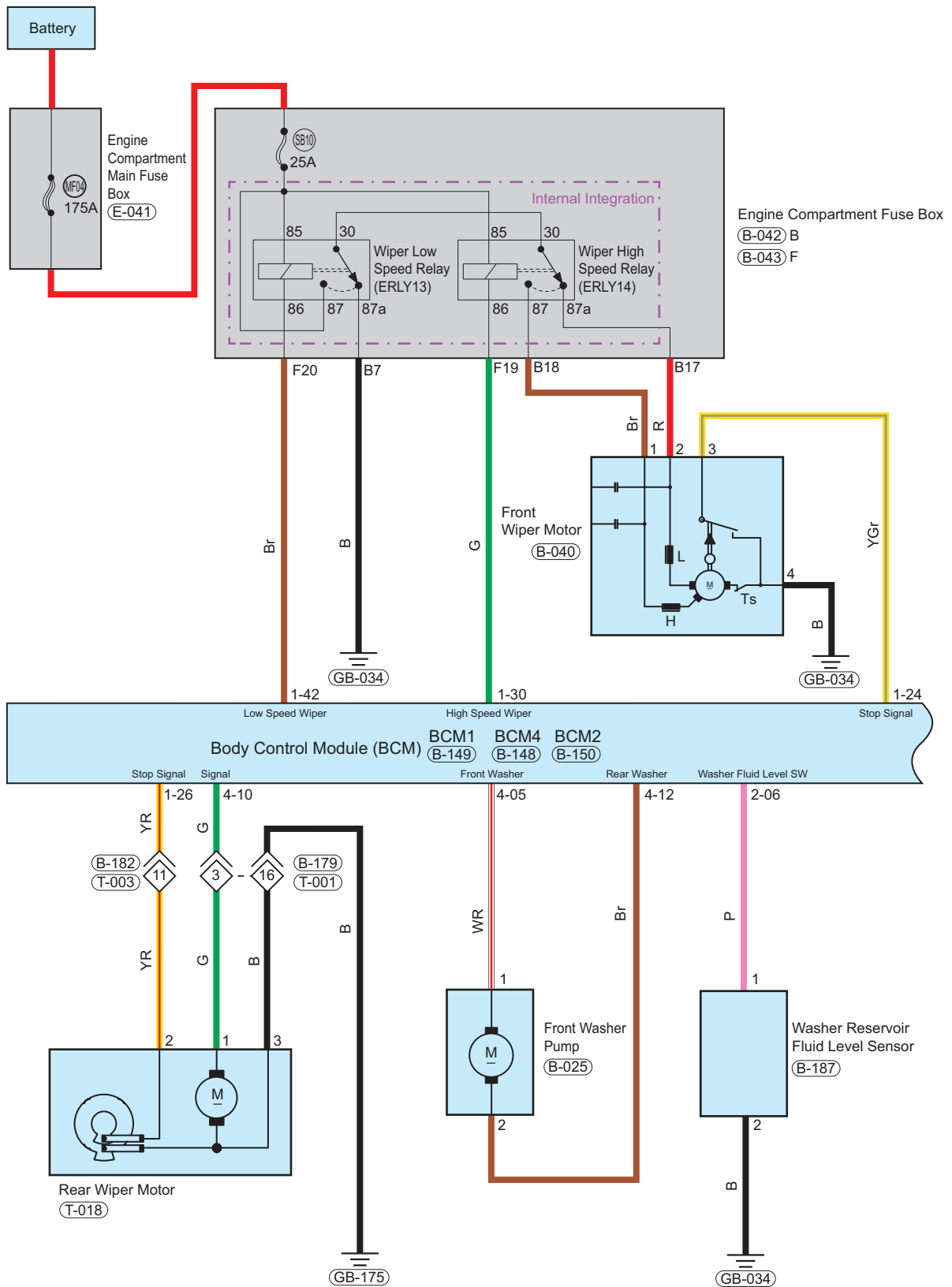
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LIE021002

## Warning Indicator Light

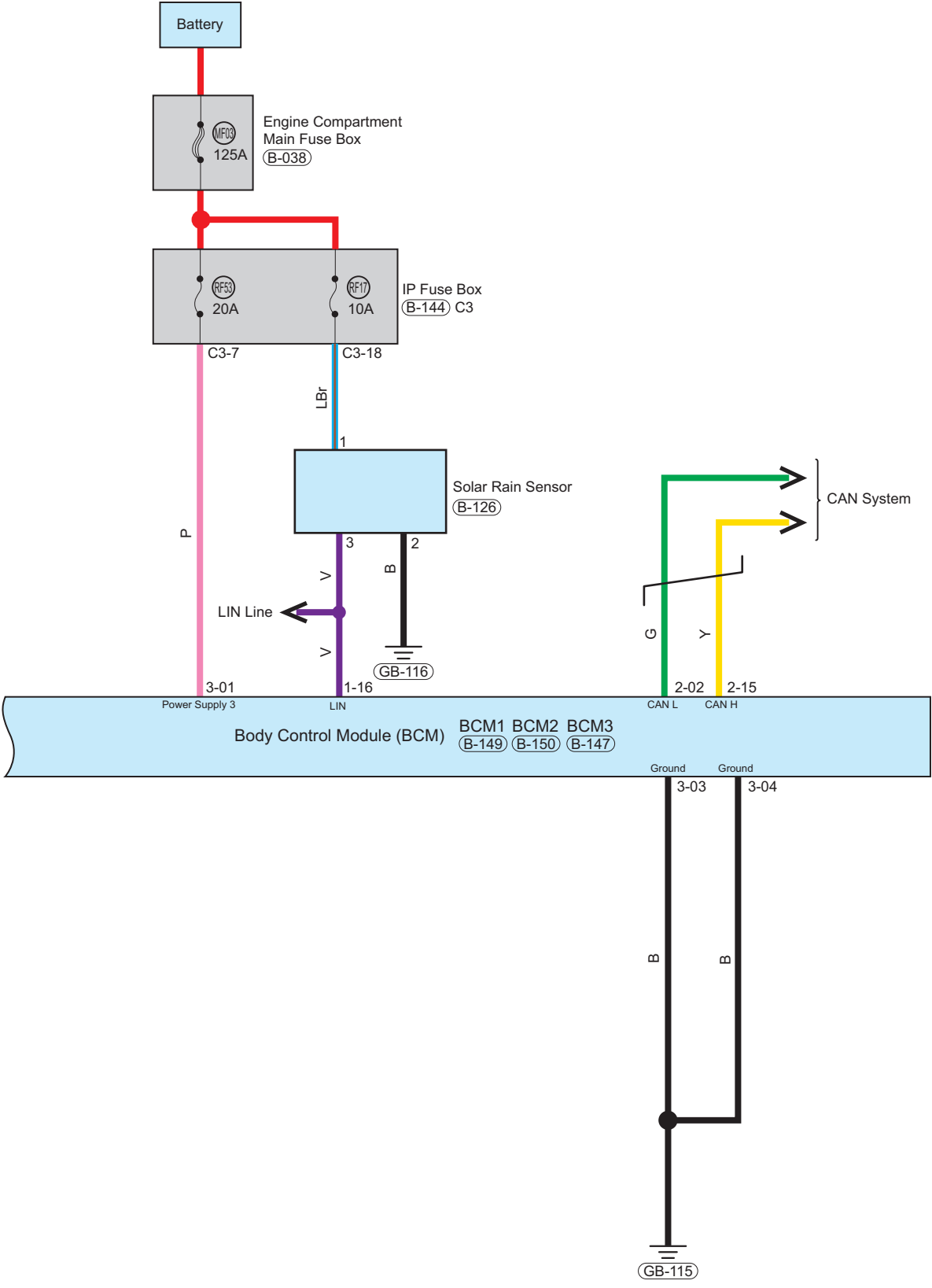
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-012	Door Control Module A	10-76
F-013	Door Control Module B	10-76
GB-062	MHG2.1	10-52
GB-116	MHG2.4	10-54
GB-154	MHG2.6A	10-57
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-008	Rear Left Door Opening Warning Indicator Light	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-008	Rear Right Door Opening Warning Indicator Light	10-82

# Wiper and Washer



WWE001001

# Wiper and Washer

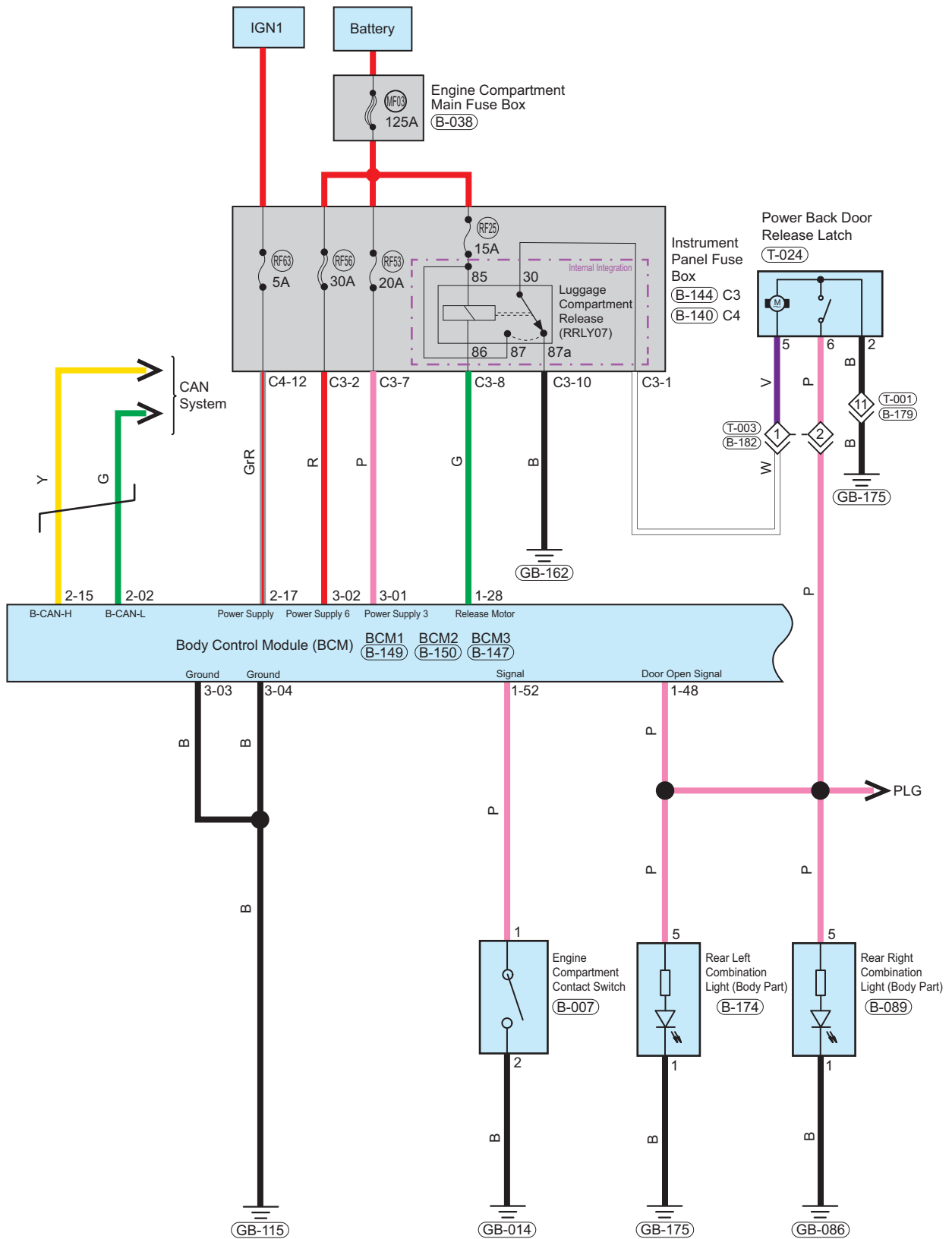


## Wiper and Washer

Wire Harness Connector	Name	Page Number
B-025	Front Washer Pump	10-50
B-038	IP F/R Box Power Supply	10-51
B-040	Front Wiper Motor	10-51
B-042	Engine Compartment Fuse and Relay Box B	10-51
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-126	Sunlight Rain Sensor	10-55
B-144	Instrument Panel Fuse Box C3	10-56
B-147	BCM-3	10-56
B-148	BCM-4	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
B-187	Washer Reservoir Fluid Level Sensor	10-58
E-041	PFB-UEC	10-101
GB-034	G02	10-51
GB-115	MHG2.2	10-54
GB-116	MHG2.4	10-54
GB-175	MHG2.16	10-58
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-018	Rear Wiper Motor	10-85

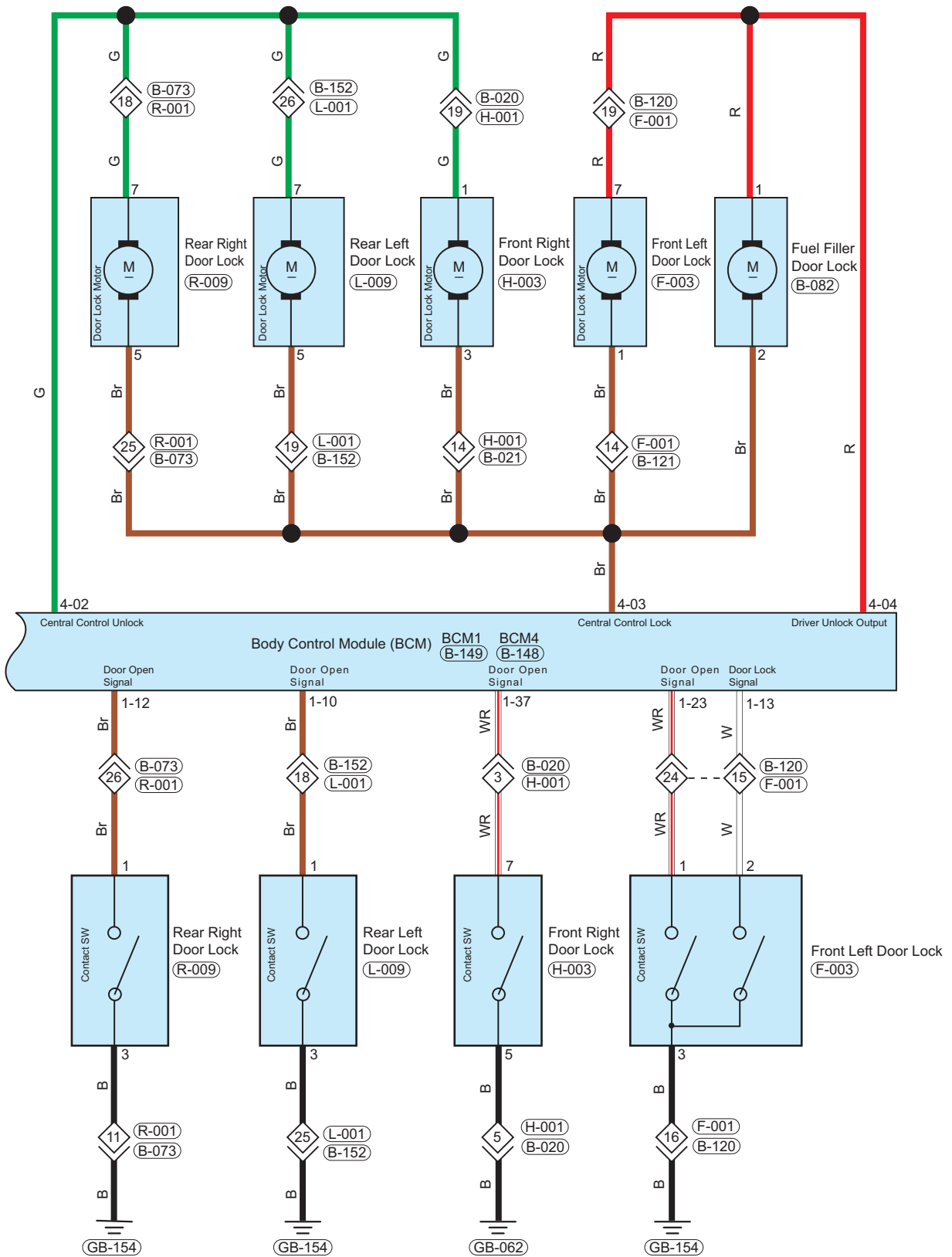


# Door Lock



DLE001001

# Door Lock



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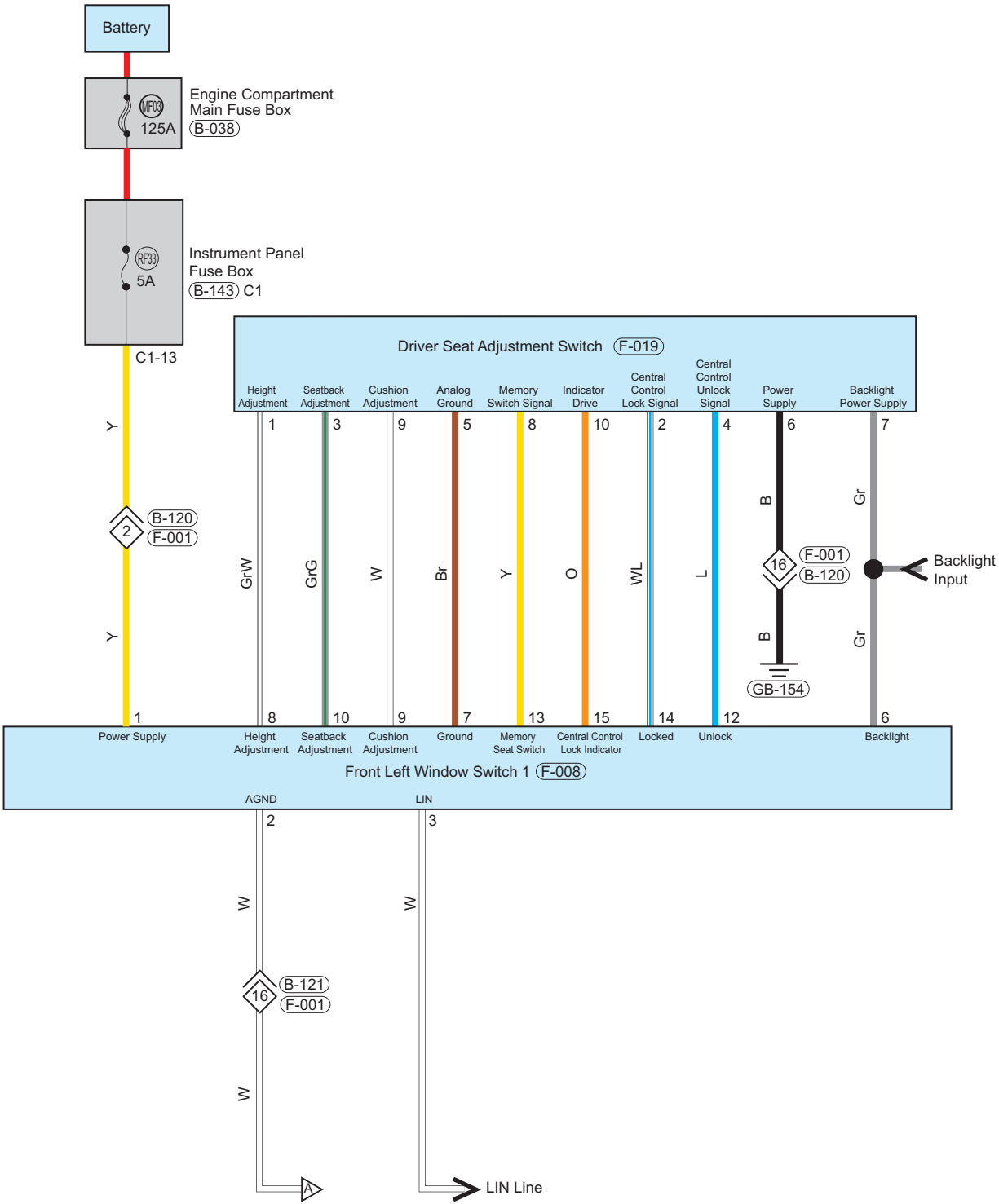
DLE002001

## Door Lock

Wire Harness Connector	Name	Page Number
B-007	Engine Compartment Contact SW	10-49
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-082	LOCKING PUSH-PUSH	10-53
B-089	Rear Right Combination Light (Body Part)	10-53
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-147	BCM-3	10-56
B-148	BCM-4	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-174	Rear Left Combination Light (Body Part)	10-58
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-003	Front Left Door Lock - Double-opening	10-76
GB-014	G05	10-49
GB-062	MHG2.1	10-52

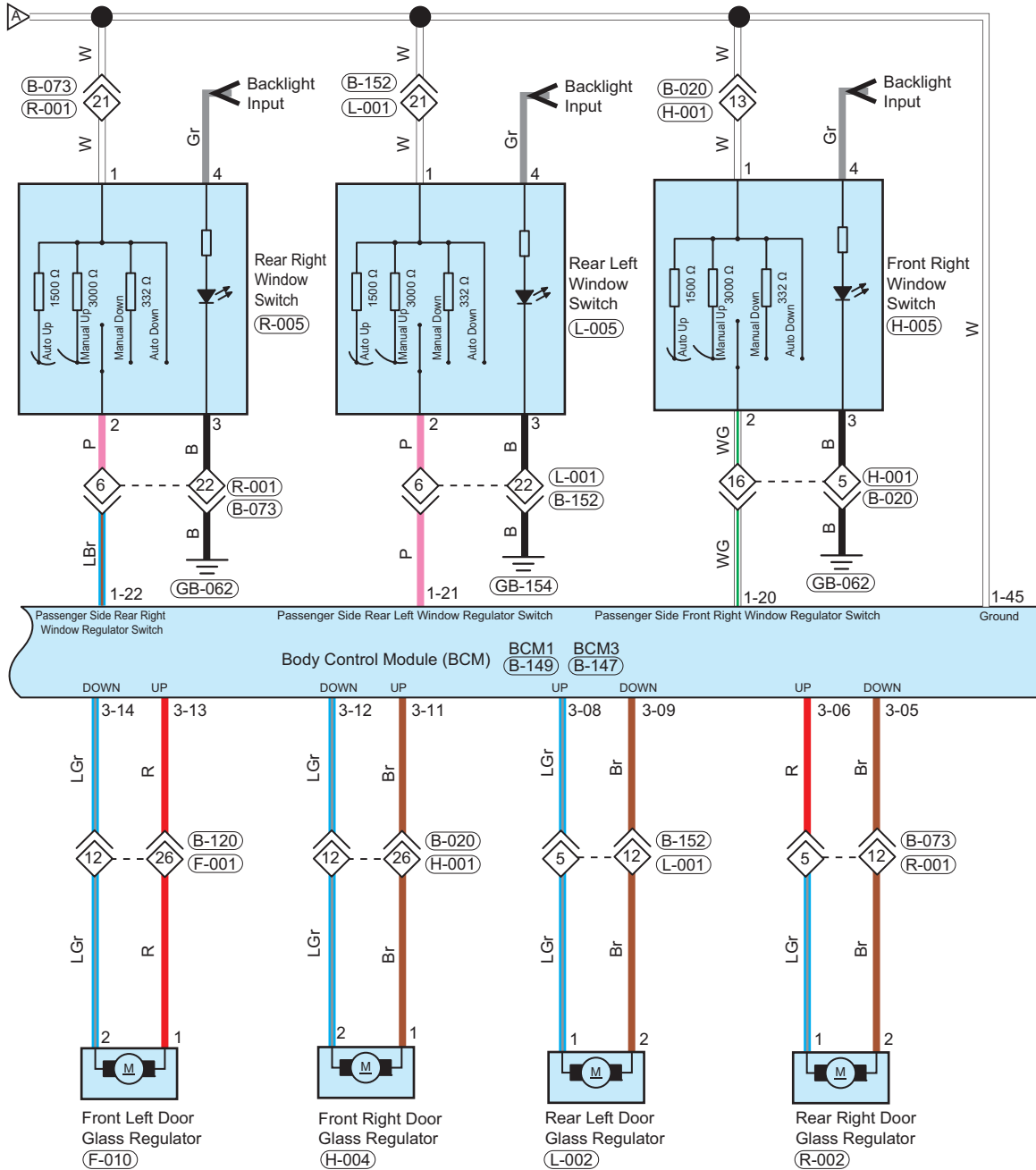
<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
GB-086	MHG2.9	10-53
GB-115	MHG2.2	10-54
GB-154	MHG2.6A	10-57
GB-162	MHG2.8	10-57
GB-175	MHG2.16	10-58
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-003	Front Right Door Lock - Double-opening	10-78
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-009	Rear Left Door Lock - Double-opening	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-009	Rear Right Door Lock	10-82
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-024	Power Back Door Release Latch	10-85

# Window



WSE002001

# Window



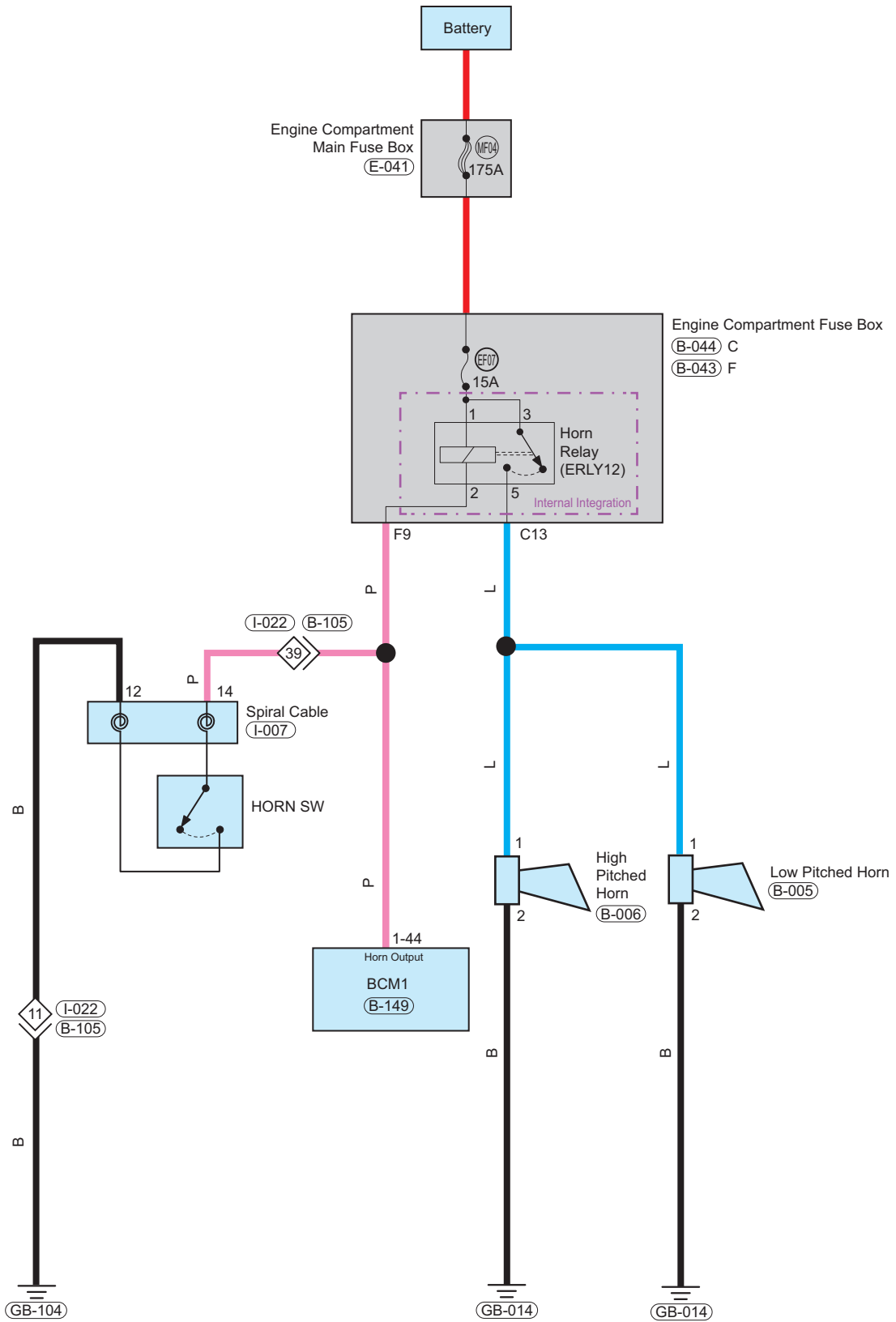
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WSE003001

## Window

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-147	BCM-3	10-56
B-149	BCM-1	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-008	Front Left Window Switch 1	10-76
F-010	Front Left Door Glass Regulator	10-76
F-019	Driver Seat Adjustment Switch	10-76
GB-062	MHG2.1	10-52
GB-154	MHG2.6A	10-57
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-004	Front Right Door Glass Regulator	10-78
H-005	Front Right Window Switch	10-78
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-002	Rear Left Door Glass Regulator	10-80
L-005	Rear Left Window Switch	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-002	Rear Right Door Glass Regulator	10-82
R-005	Rear Right Window Switch	10-82

# Horn



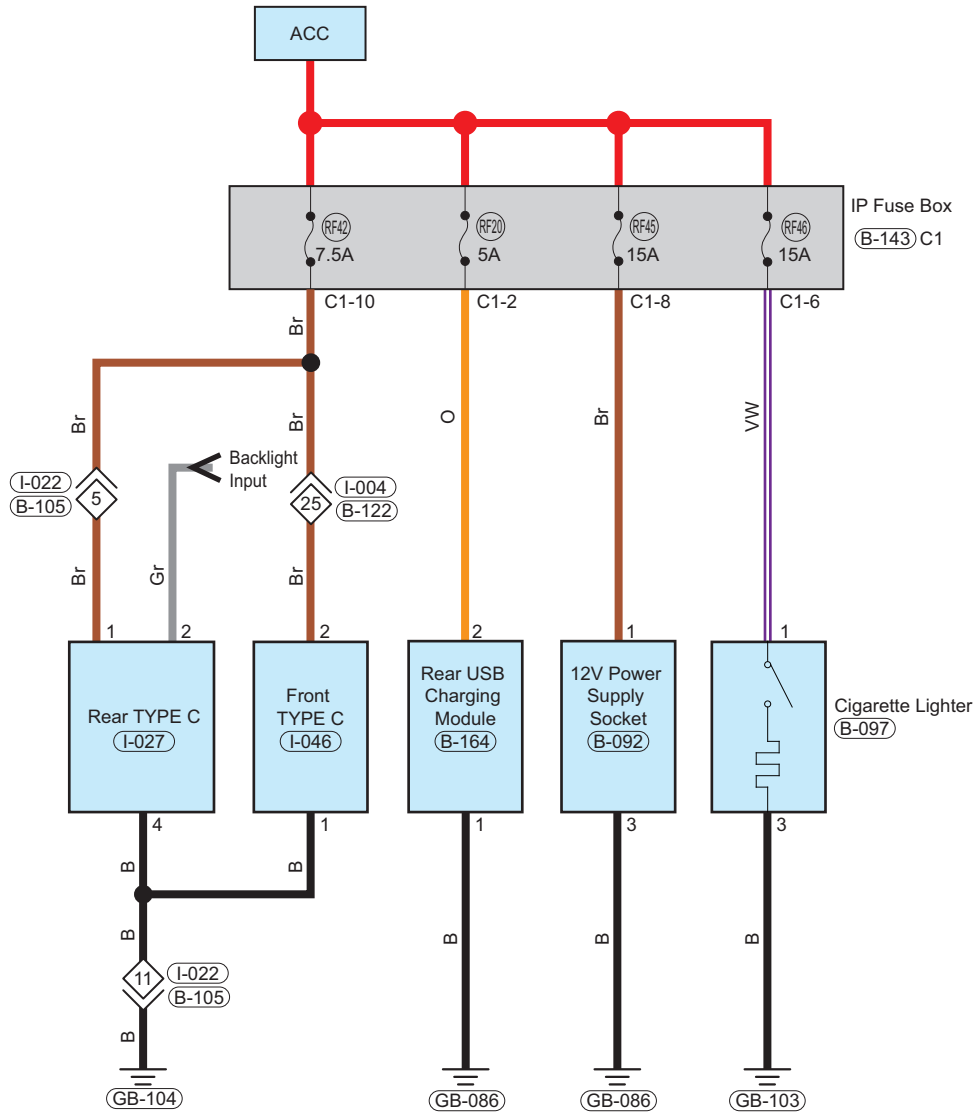
HOE001001



## Horn

Wire Harness Connector	Name	Page Number
B-005	Low Pitched Horn	10-49
B-006	High Pitched Horn	10-49
B-043	Engine Compartment Fuse and Relay Box F	10-51
B-044	Engine Compartment Fuse and Relay Box C	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-149	BCM-1	10-56
E-041	PFB-UEC	10-101
GB-014	G05	10-49
GB-104	MHG2.53	10-54
I-007	Spiral Cable	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72

# Other System (Lighter, Backup Power Supply, USB Charging Module, 220V Power Supply)

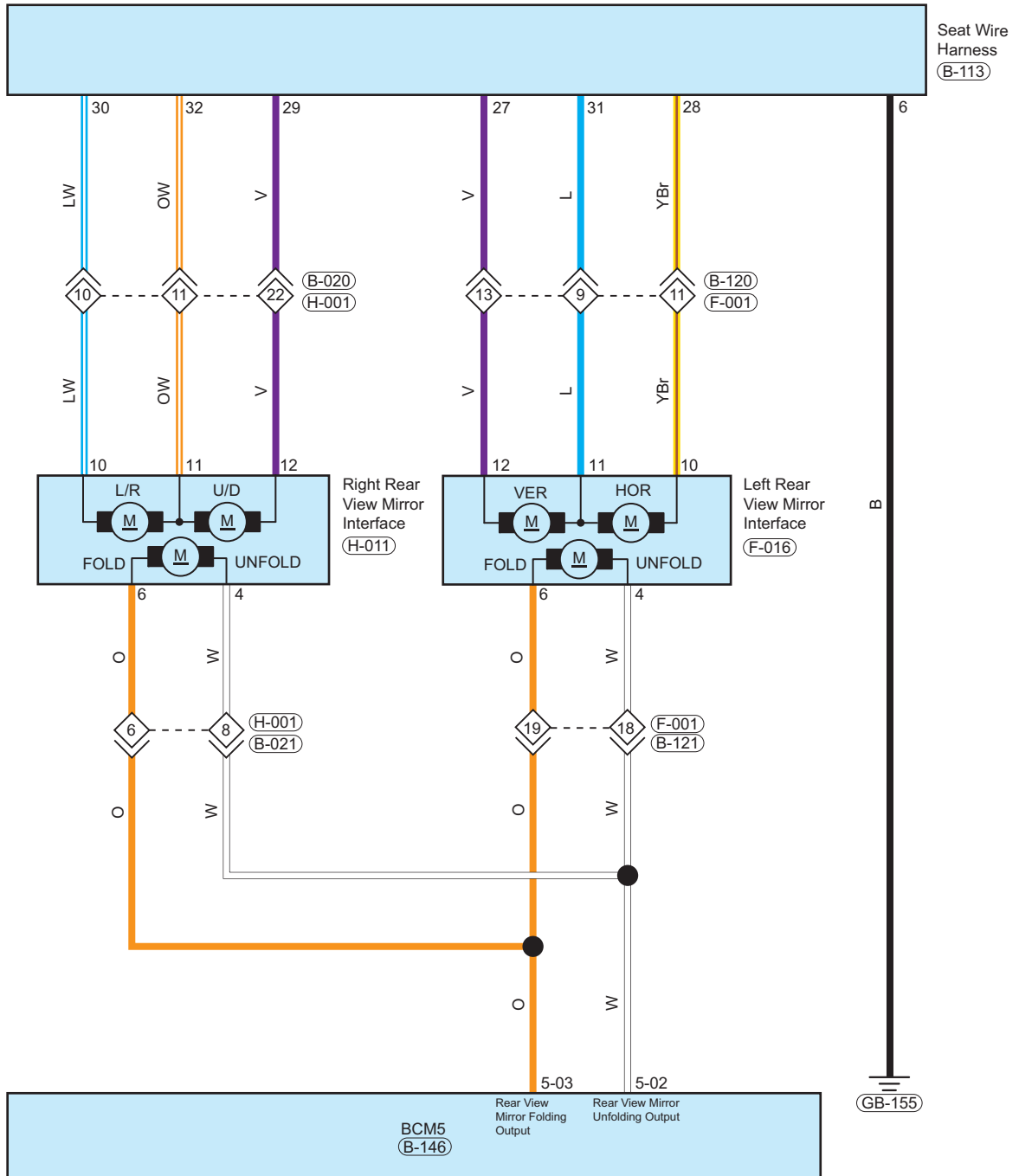


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## Other System (Lighter, Backup Power Supply, USB Charging Module, 220V Power Supply)

Wire Harness Connector	Name	Page Number
B-092	12V Power Supply Socket	10-53
B-097	Cigarette Lighter	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-164	USB Charging Module	10-57
GB-086	MHG2.9	10-53
GB-103	MHG2.51	10-54
GB-104	MHG2.53	10-54
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-027	Rear TYPE C	10-72
I-046	Front TYPE C	10-73

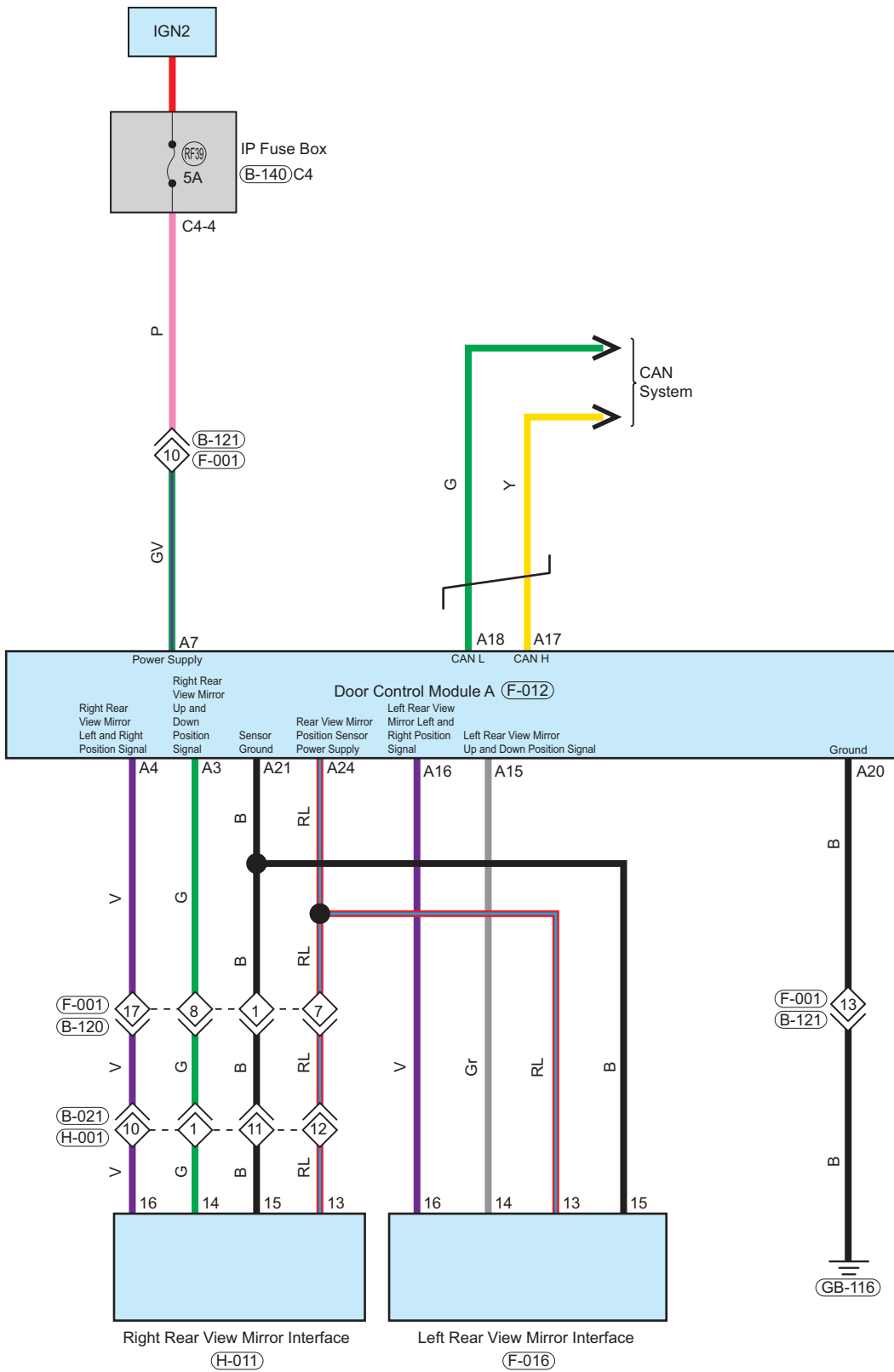
# Rear View Mirror



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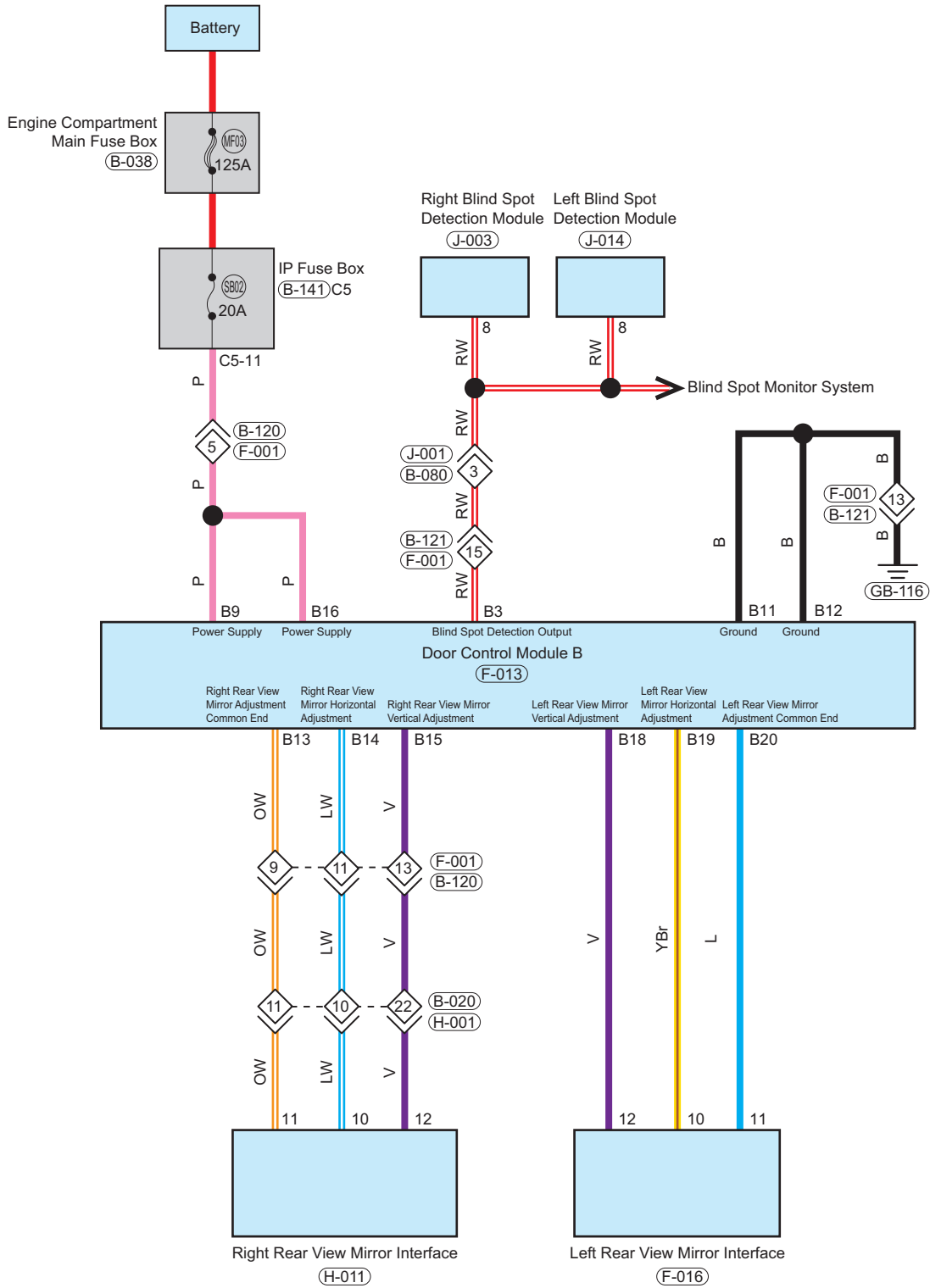
# Rear View Mirror



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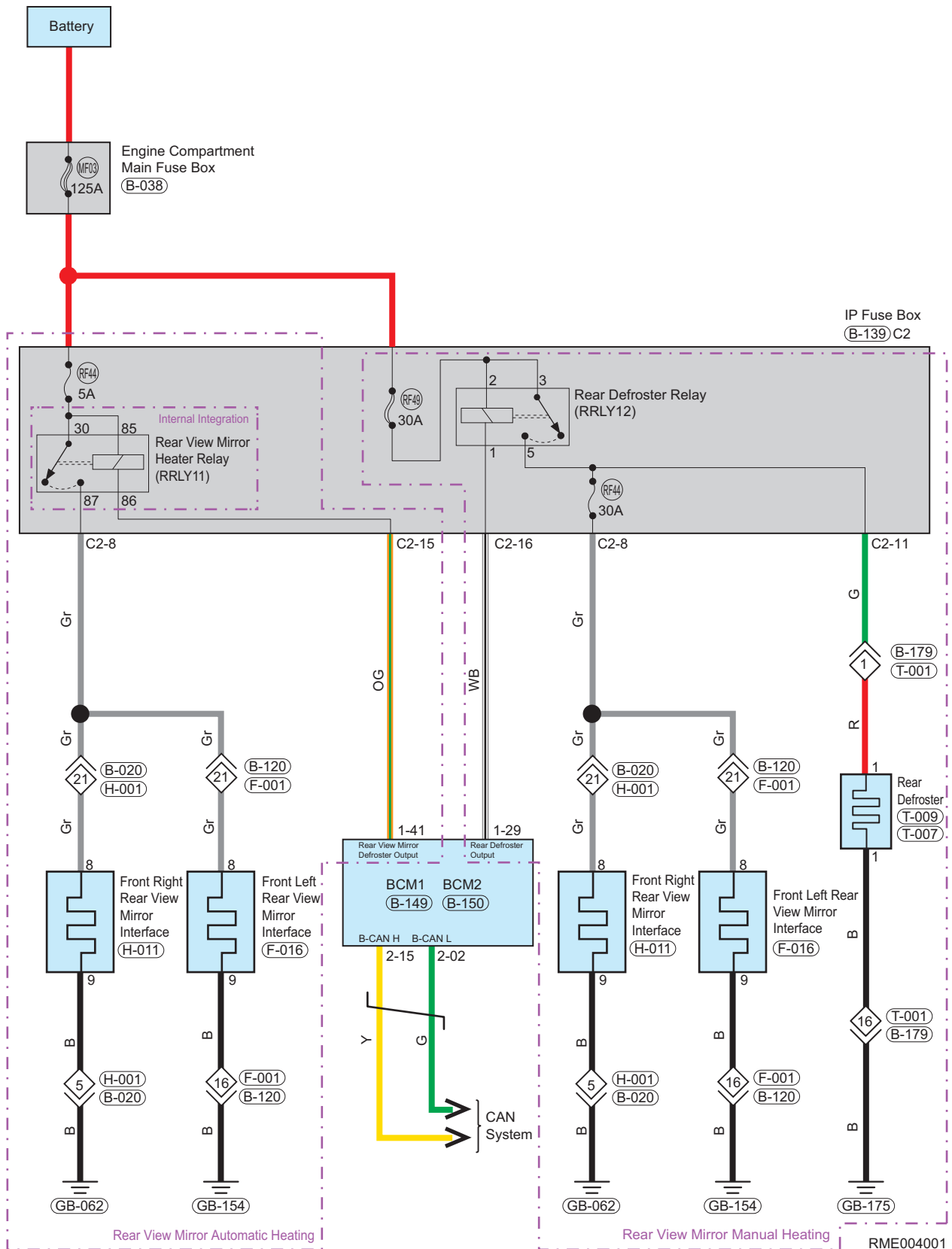
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# Rear View Mirror



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# Rear View Mirror Heater, Rear Defroster



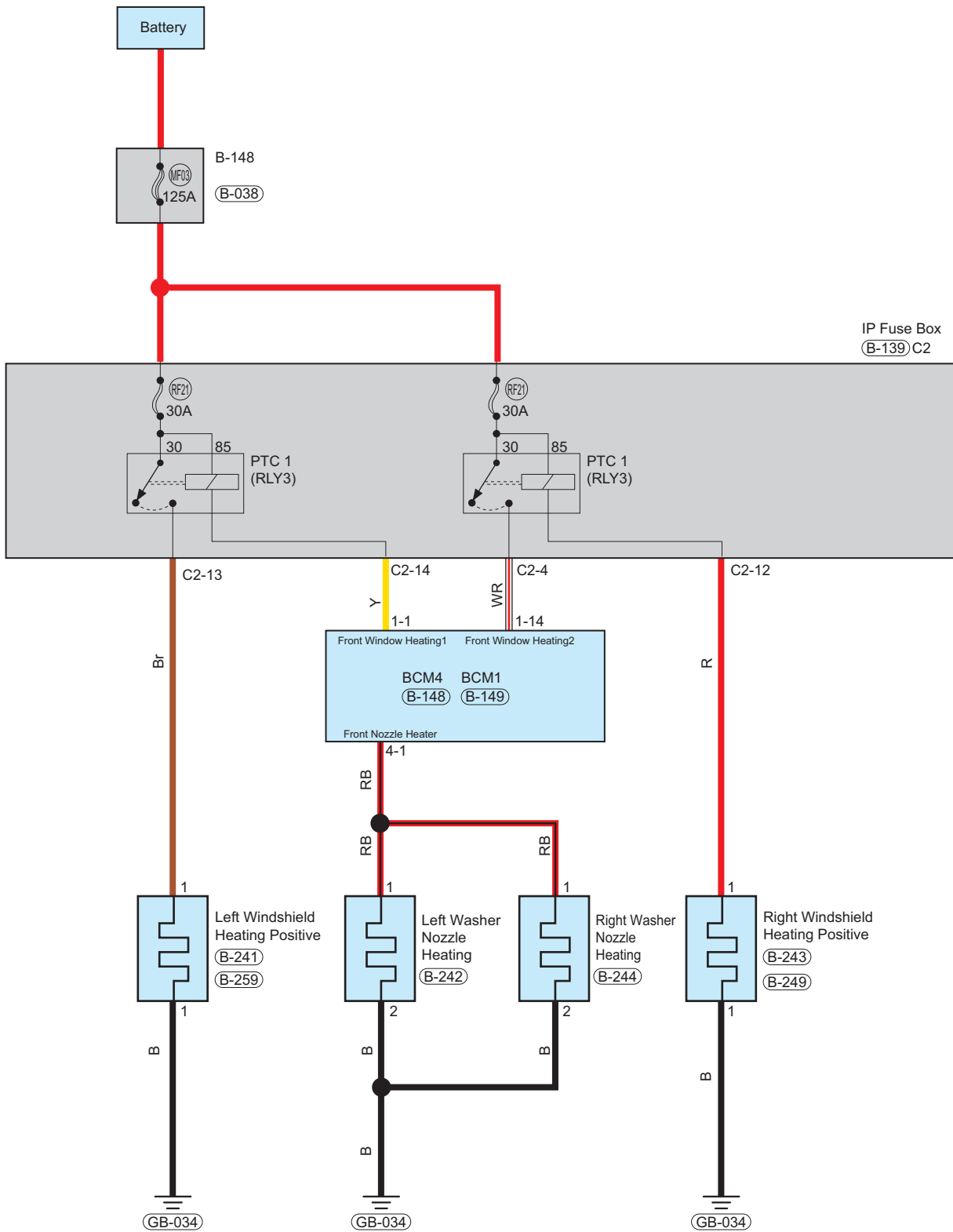
## Rear View Mirror

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness Connector	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-139	Instrument Panel Fuse Box C2	10-56
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-146	BCM-5	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-012	Door Control Module A	10-76
F-013	Door Control Module B	10-76
F-016	Left Rear View Mirror Interface	10-76
GB-062	MHG2.1	10-52
GB-116	MHG2.4	10-54
GB-154	MHG2.6A	10-57
GB-155	MHG2.6A	10-57
GB-175	MHG2.16	10-58
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-011	Right Rear View Mirror Interface	10-78



<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-003	Right Blind Spot Detection Module	10-14
J-014	Left Blind Spot Detection Module	10-14
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-007	Rear Defroster-	10-85
T-009	Rear Defroster+	10-85

# Front Windshield Heating

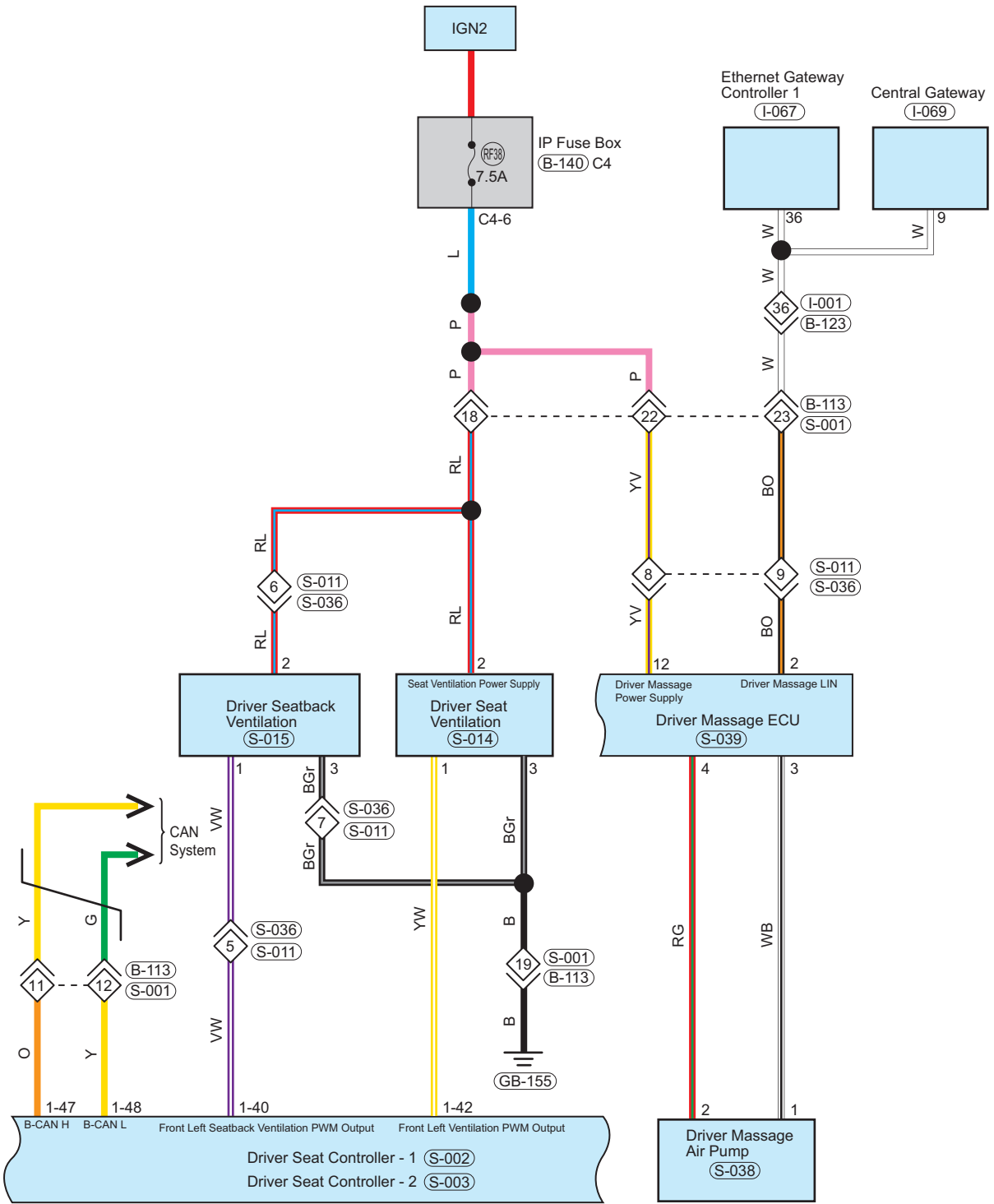


## Front Windshield Heating

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-139	Instrument Panel Fuse Box C2	10-56
B-148	BCM-4	10-56
B-149	BCM-1	10-56
B-241	Left Windshield Heating Positive	10-61
B-242	Left Washer Nozzle Heating	10-61
B-243	Right Windshield Heating Positive	10-61
B-244	Right Washer Nozzle Heating	10-61
B-249	Right Windshield Heating Negative	10-61
B-259	Left Windshield Heating Negative	10-61
GB-034	G02	10-51

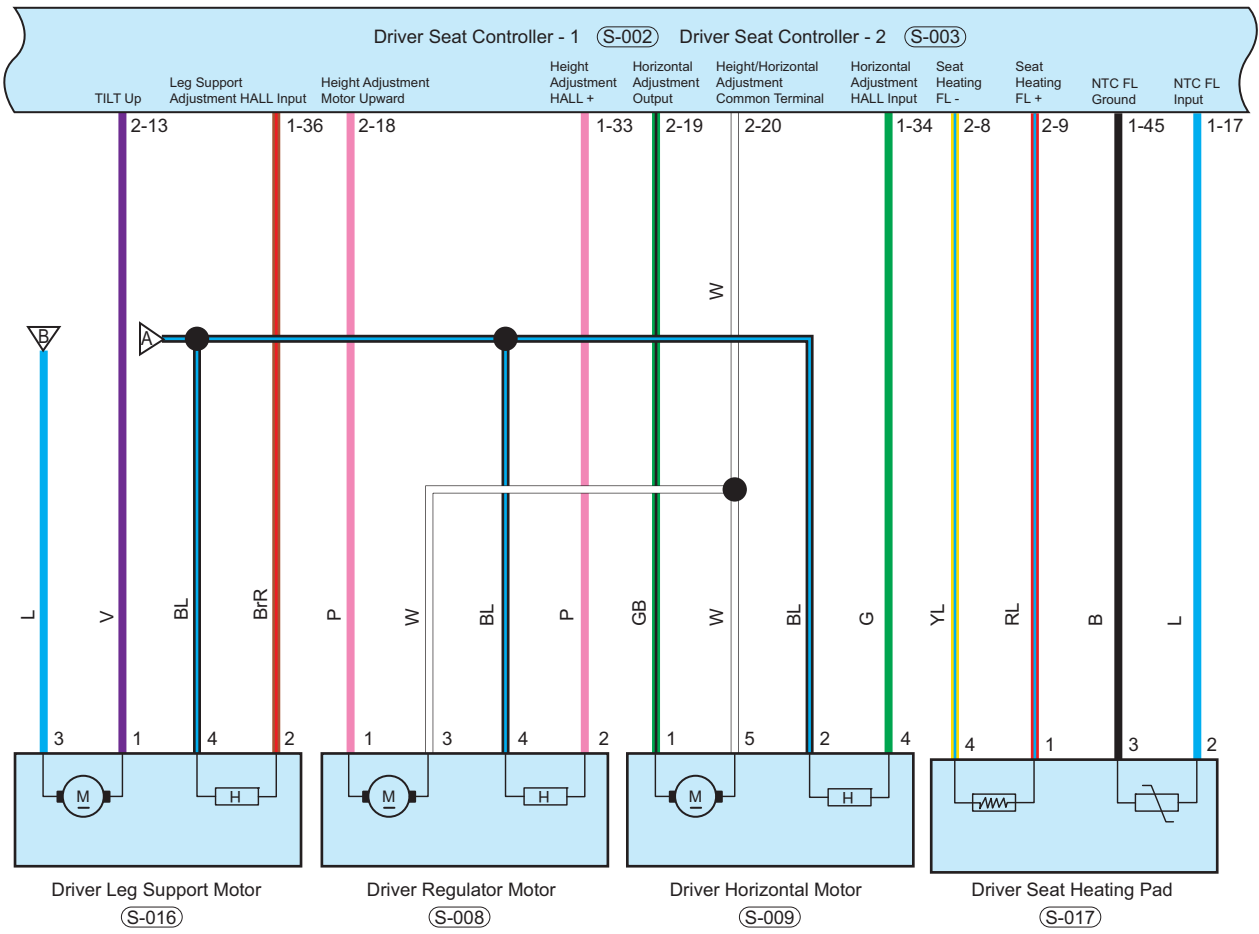


Seat

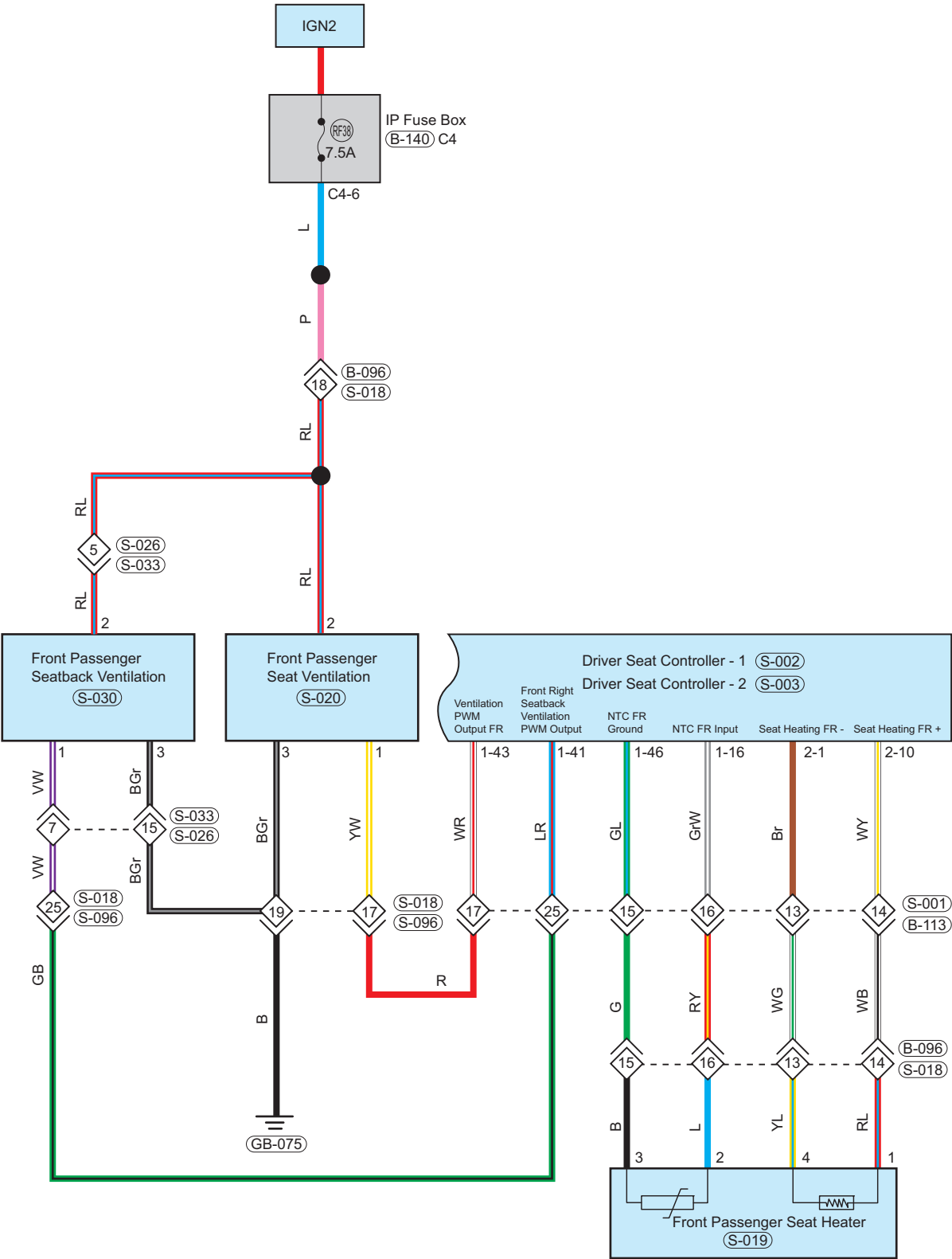


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# Seat



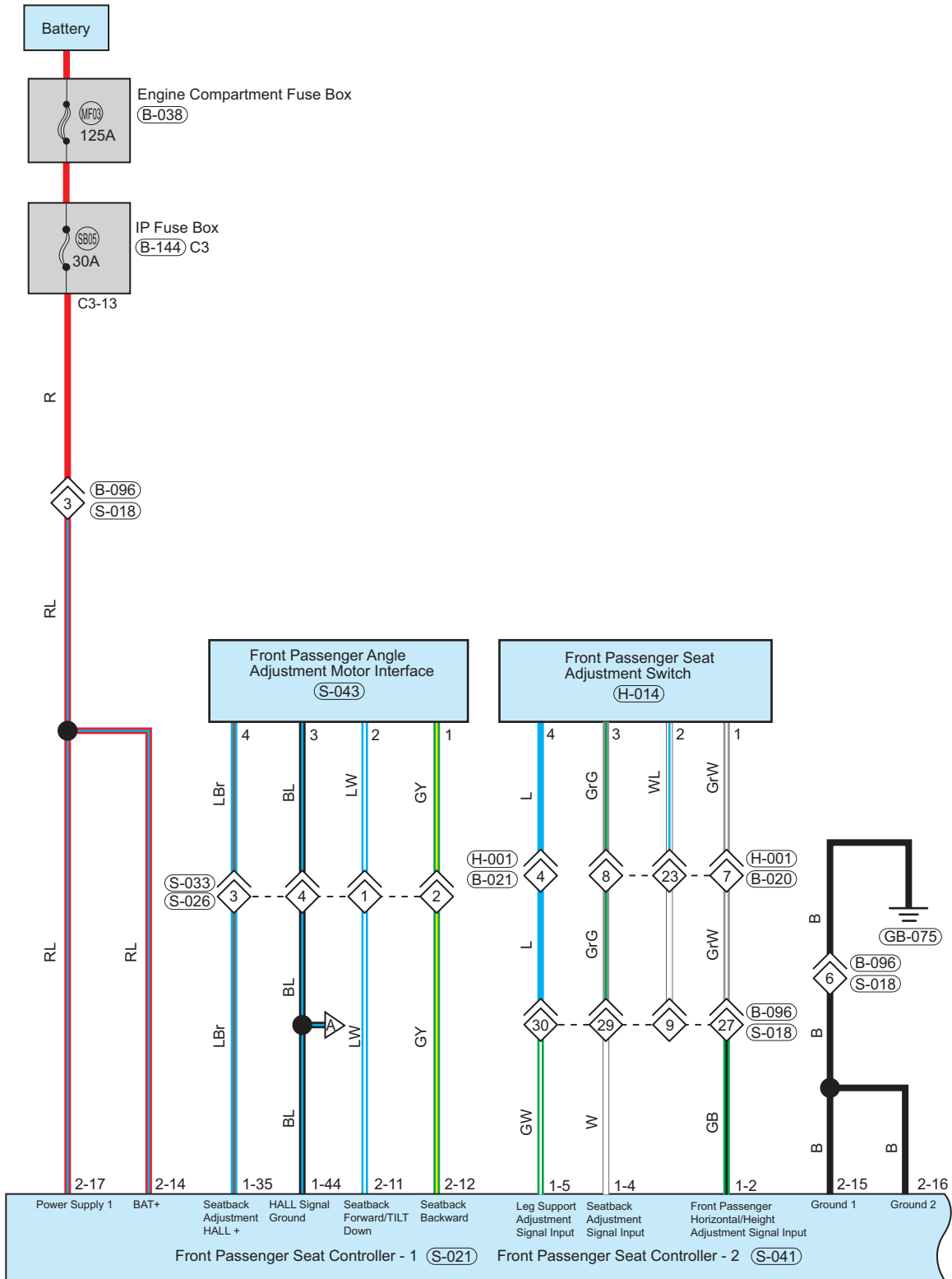
# Seat



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SEE005001

# Seat

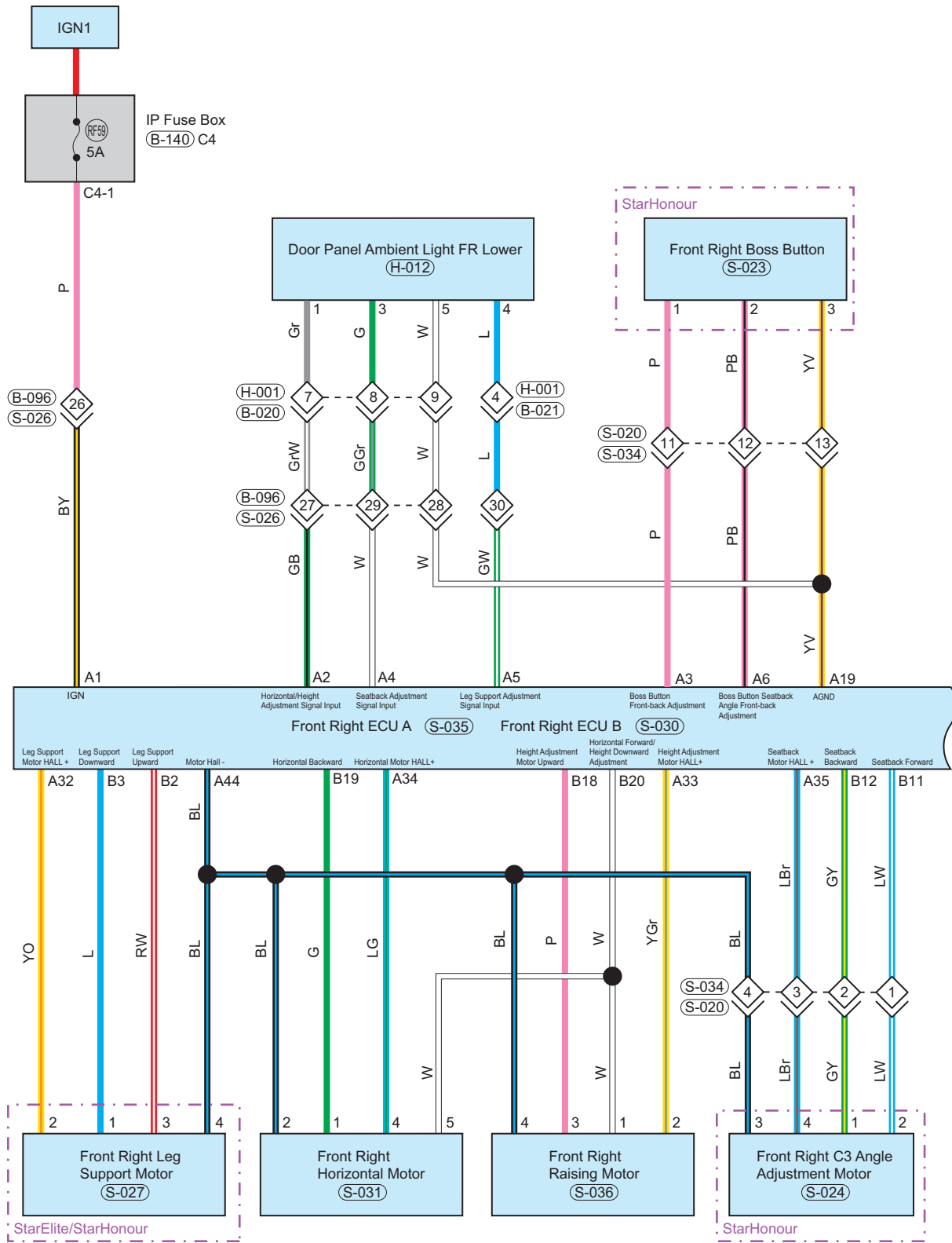


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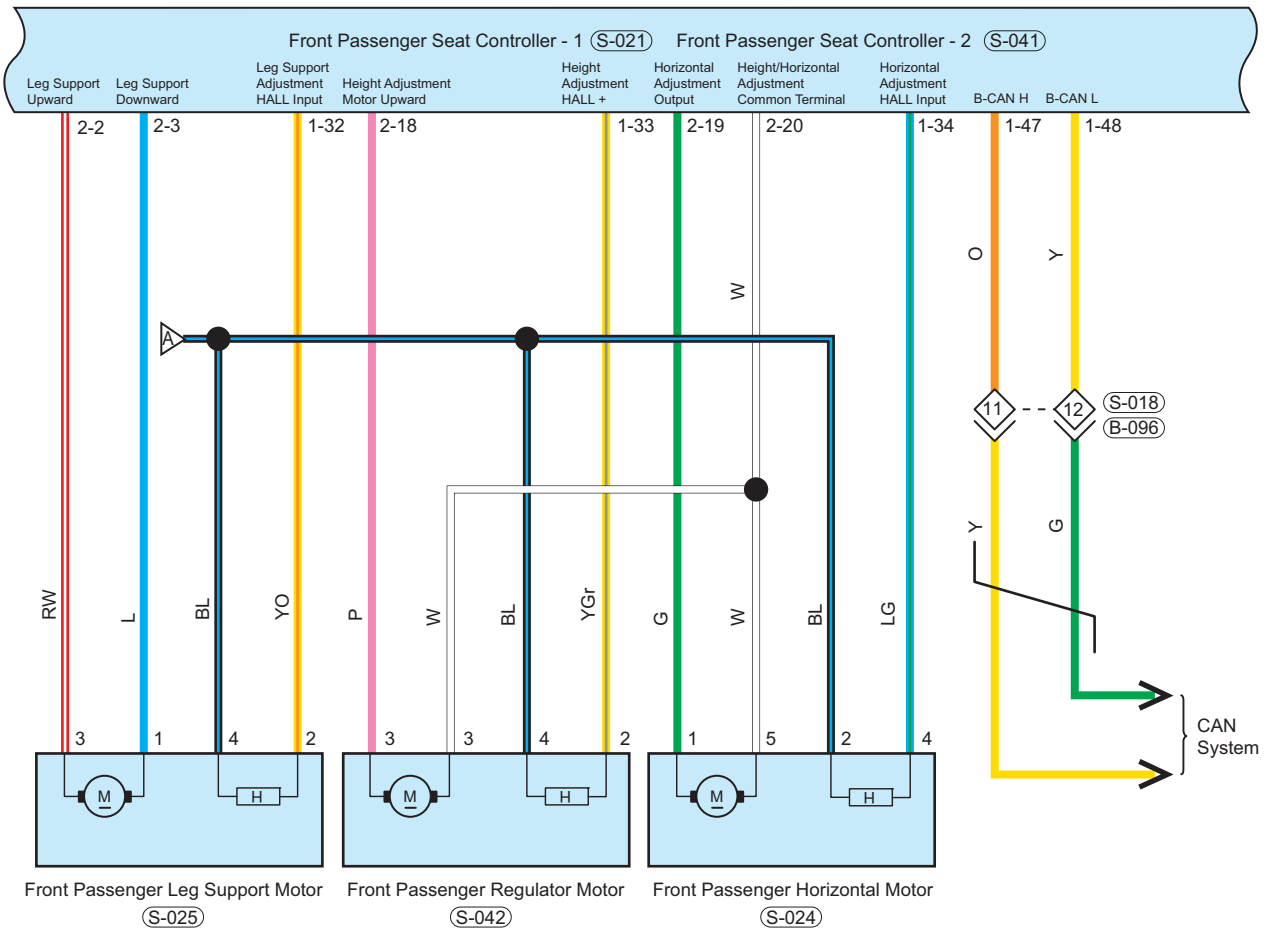


Seat

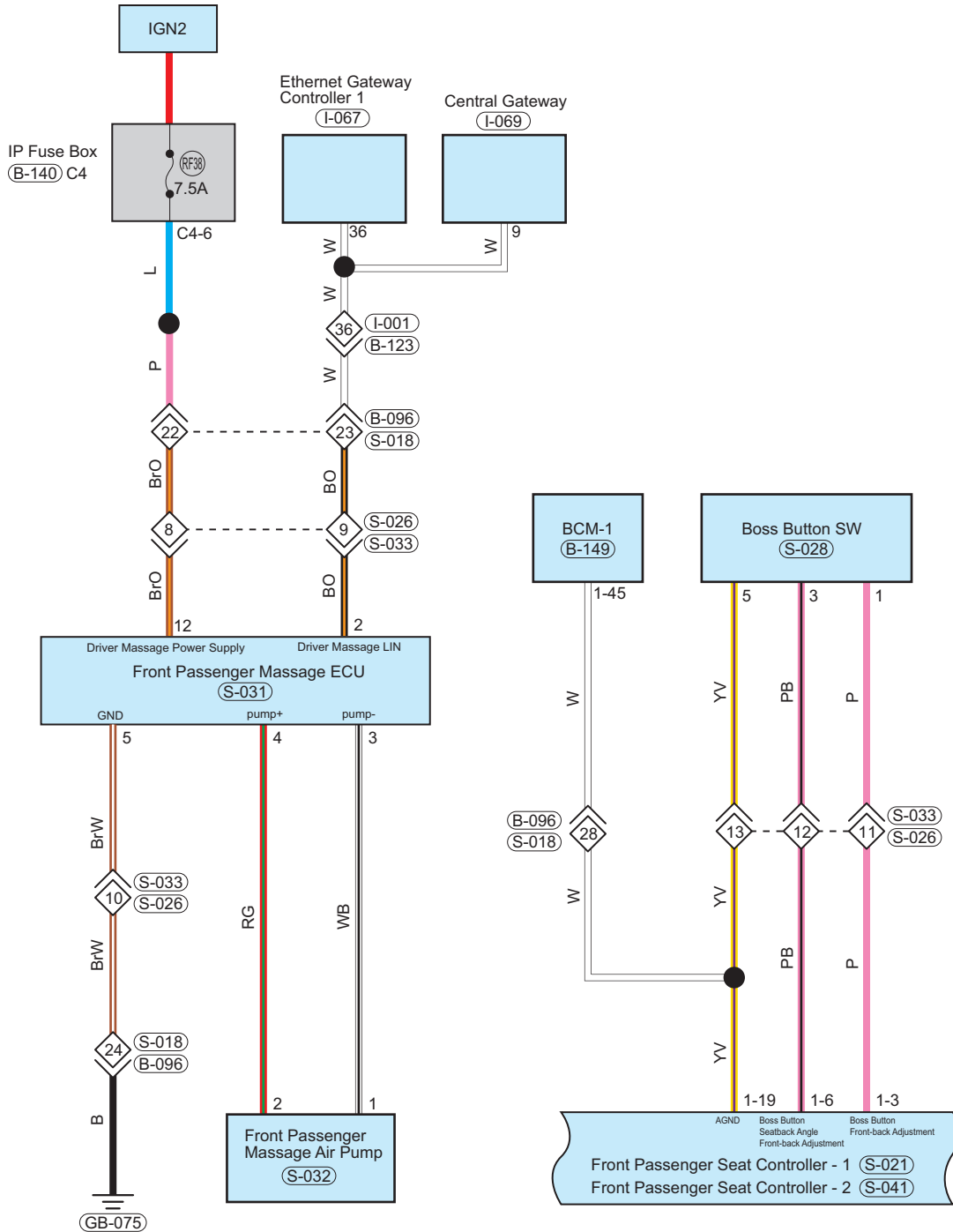


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# Seat



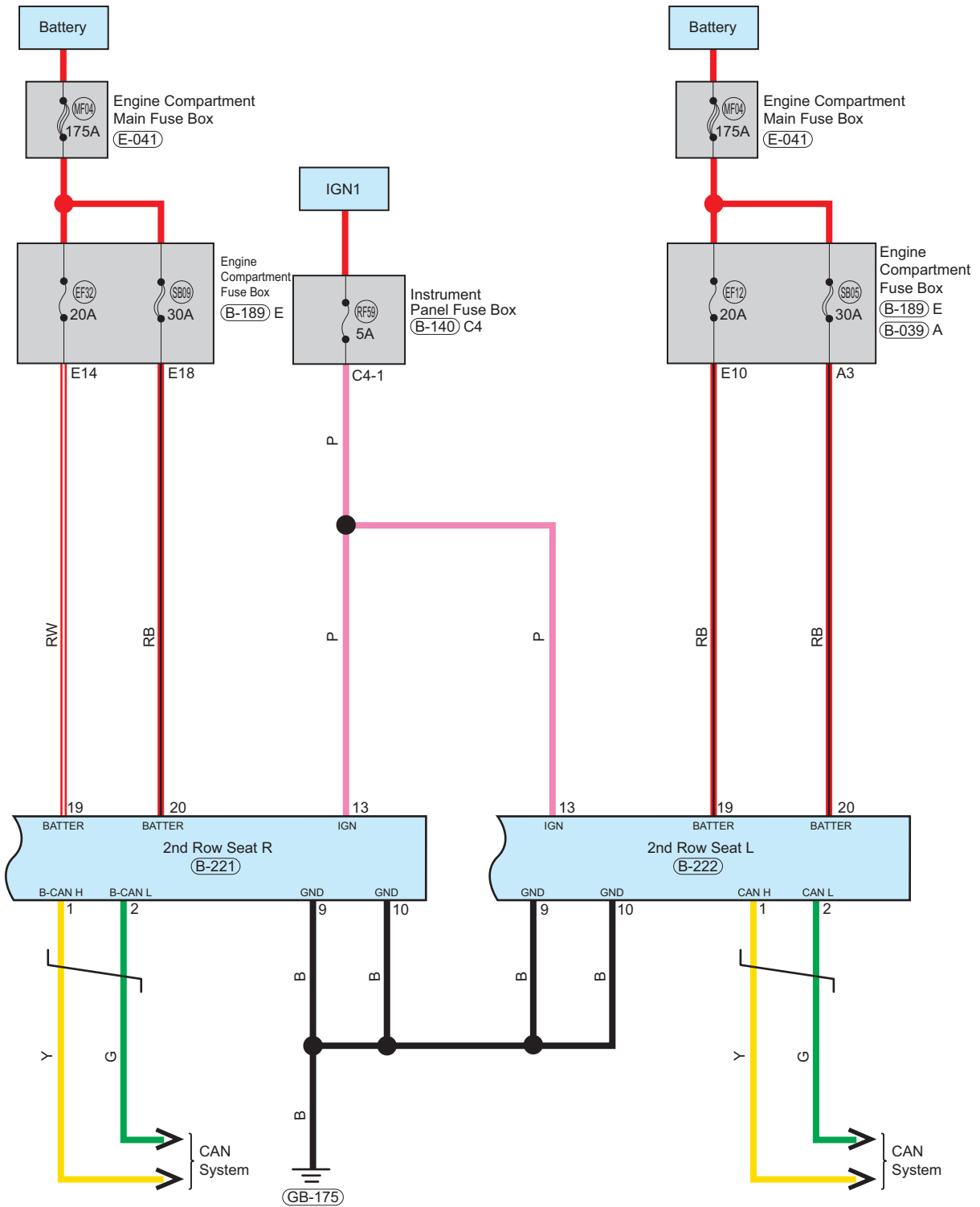
Seat



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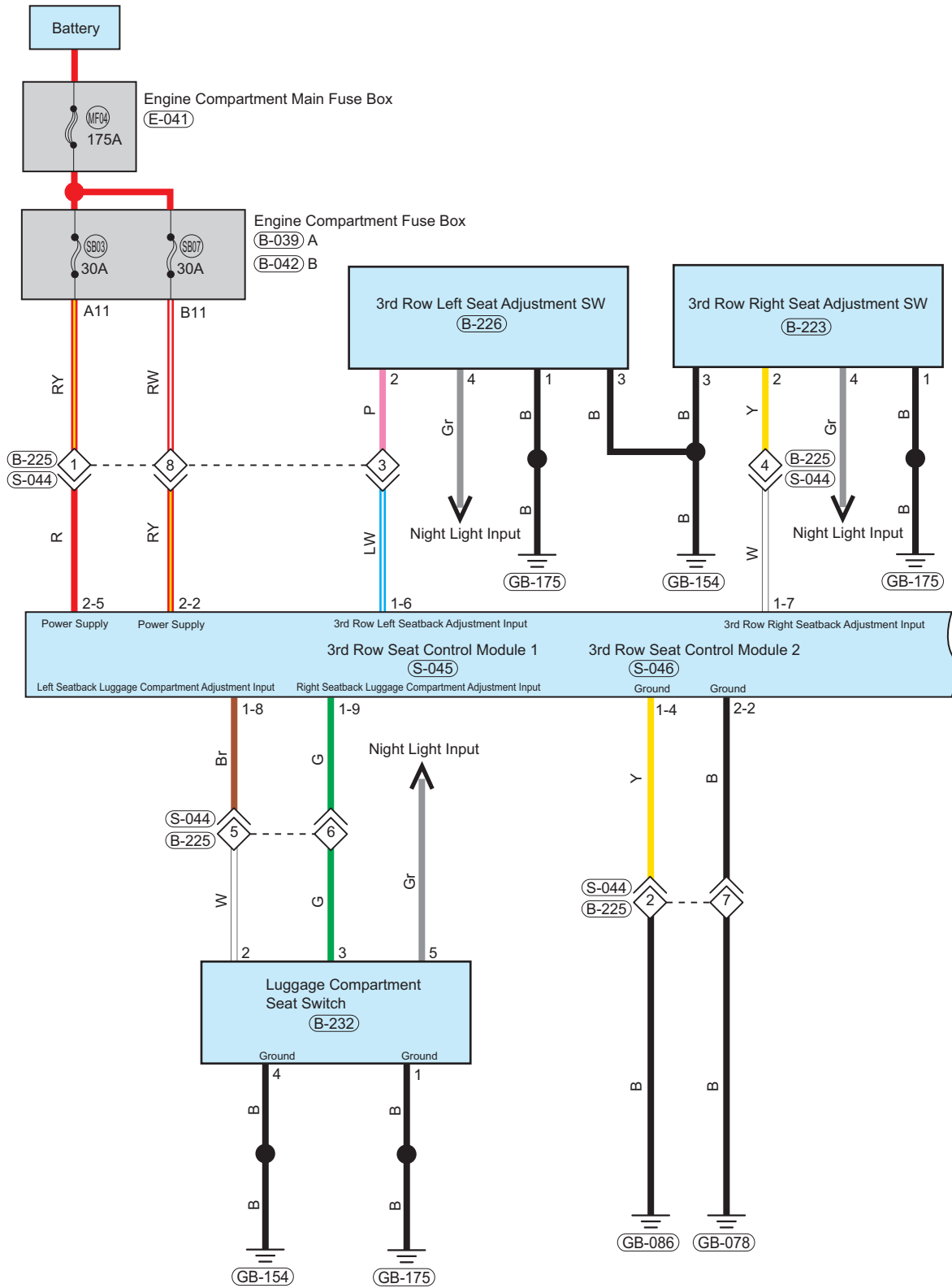
# Seat



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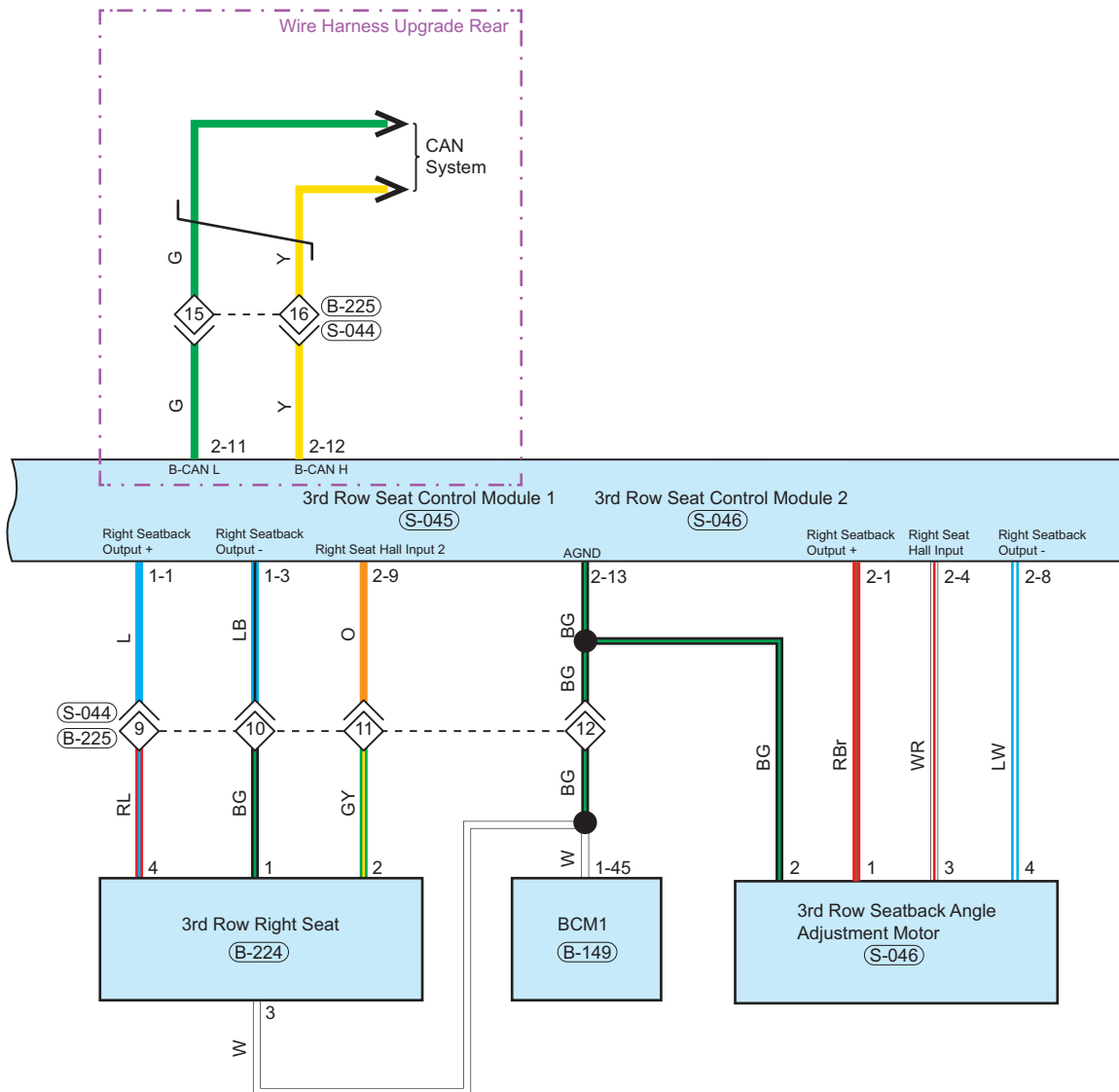
SEE010001

# Seat



SEE011002

# Seat



## Seat

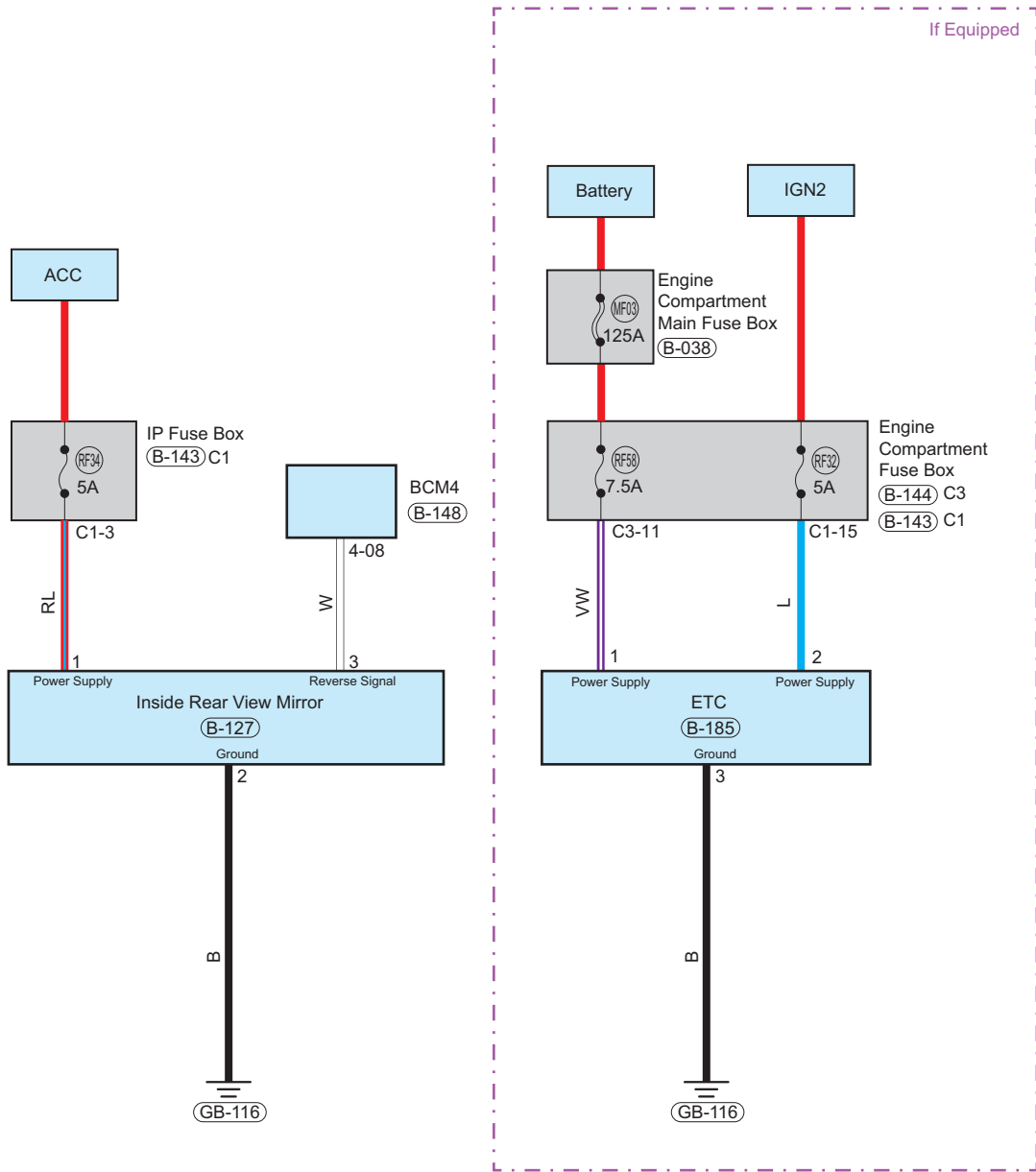
Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-042	Engine Compartment Fuse and Relay Box B	10-51
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness Connector	10-53
B-100	Airbag Control Module	10-54
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-189	Engine Compartment Fuse Box E	10-59
B-220	Power Amplifier ECU (iFLYTEK)-A	10-60
B-221	R 2nd Row Seat INLINE	10-60
B-222	L 2nd Row Seat INLINE	10-60
B-223	R Right Seat Adjustment SW	10-60
B-224	3rd Row Right Seat	10-60
B-225	3rd Row Left Seat	10-60
B-226	3rd Row Left Seat Adjustment SW	10-60
B-232	Trunk Seat Switch	10-61
B-258	3rd Row Left Seat + CAN	10-61
E-041	PFB-UEC	10-101
GB-075	MHG2.5	10-52
GB-078	MHG2.7	10-53
GB-154	MHG2.6A	10-57
GB-155	MHG2.6A	10-57
GB-175	MHG2.16	10-58

Wire Harness Connector	Name	Page Number
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-012	Door Panel Ambient Light FR Lower	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74
S-001	Seatback Adapter 2	10-95
S-002	Angle Adjustment Motor Interface	10-95
S-003	Seatback Ventilation Interface	10-95
S-004	Head Restraint Audio	10-95
S-005	Front Left Massage Air Pump Interface	10-95
S-006	Front Left Massage/Lumbar Support ECU Interface	10-95
S-007	Front Left ECU B	10-95
S-008	Front Left ECU A	10-95
S-009	Front Left Heating Pad Interface	10-95
S-010	Front Left BUCKLE Interface	10-95
S-011	Front Left Horizontal Motor Interface	10-95
S-012	Front Left Seat Cushion Ventilation Interface	10-95
S-013	Front Left Adapter 1	10-95
S-014	Front Left TILT Motor	10-95
S-015	Front Left Lumbar Support Switch Interface	10-95
S-016	Front Left Raising Motor Interface	10-95
S-017	Front Left SAB Interface	10-95
S-018	Front Left Vehicle Interface	10-95
S-019	FSAB	10-95
S-020	Front Right Adapter 2	10-95
S-021	Front Right Massage Air Pump Interface	10-95
S-022	Front Right Massage ECU Interface	10-95
S-023	Front Right Boss Button Connector	10-95



<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
S-024	Front Right C3 Angle Adjustment Motor Interface	10-95
S-025	Front Right Seatback Ventilation Interface	10-96
S-026	Front Right Vehicle Interface	10-96
S-027	Front Right Leg Support Motor Interface	10-96
S-028	Front Right SAB Interface	10-96
S-029	Front Right BUCKLE Interface	10-96
S-030	Front Right ECU B	10-96
S-031	Front Right Horizontal Motor Interface	10-96
S-032	Front Right SBR Interface	10-96
S-033	Front Right Seat Cushion Ventilation Interface	10-96
S-034	Front Right Adapter 1	10-96
S-035	Front Right ECU A	10-96
S-036	Front Right Raising Motor Interface	10-96
S-037	Front Right Seat Cushion Heating	10-96

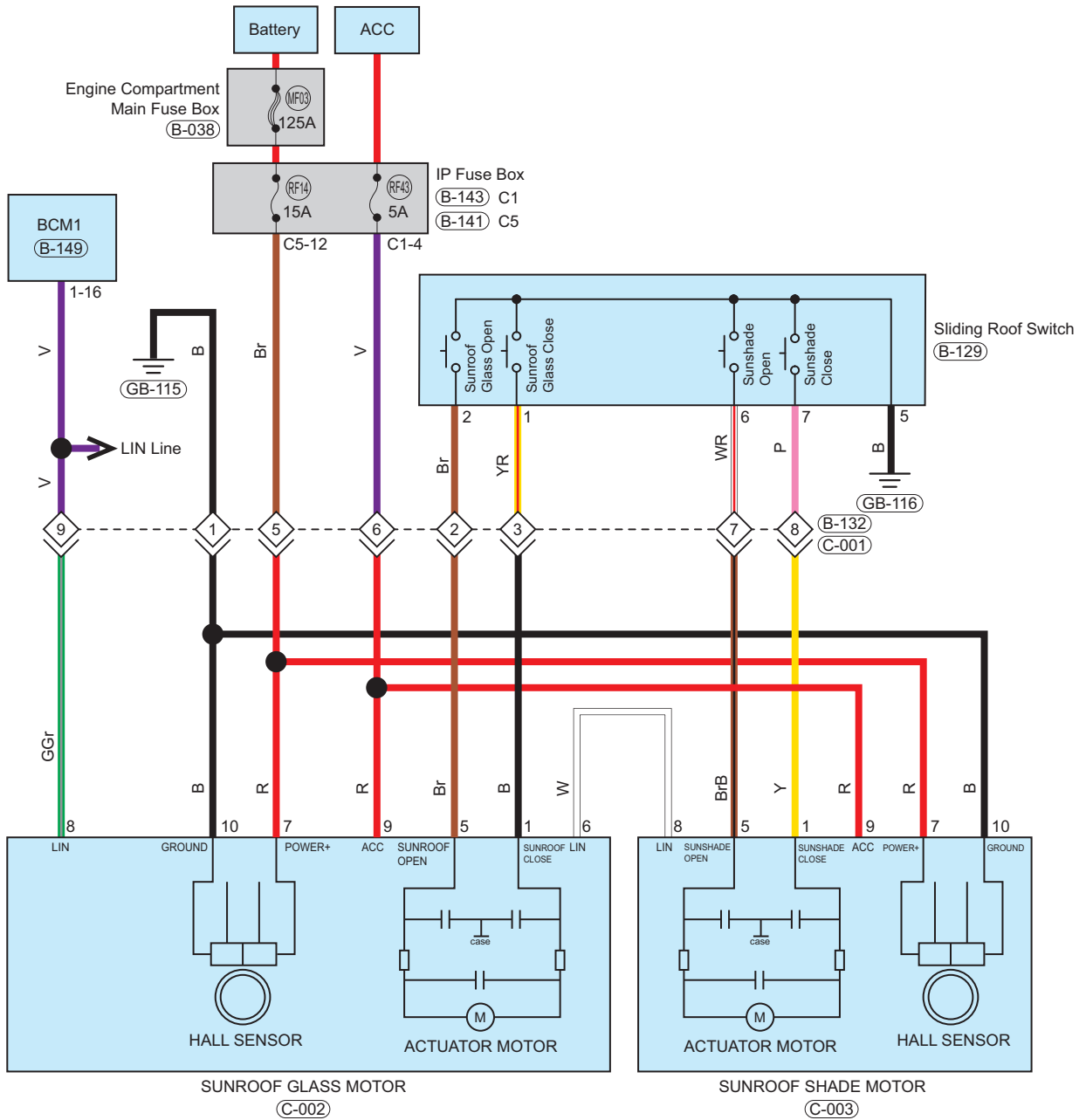
# Inside Rear View Mirror, ETC



## Inside Rear View Mirror, ETC

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-127	Inside Rear View Mirror	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-148	BCM-4	10-56
B-185	ETC	10-58
F-016	Left Rear View Mirror Interface	10-76
GB-116	MHG2.4	10-54
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-011	Right Rear View Mirror Interface	10-78

# Sunroof



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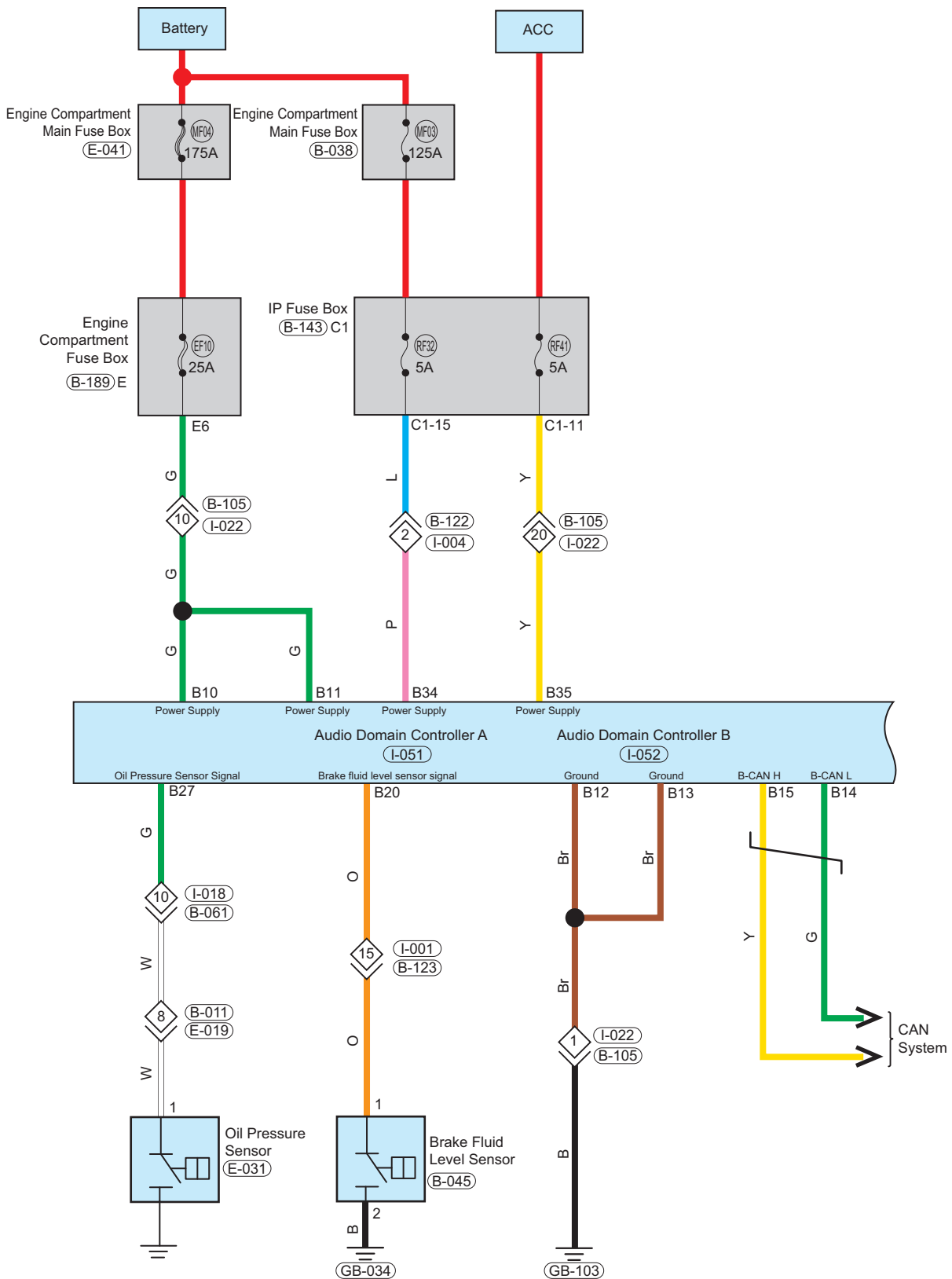
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## Sunroof

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
B-038	IP F/R Box Power Supply	10-51
B-129	Sliding Roof Switch	10-55
B-132	Sunroof	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-143	Instrument Panel Fuse Box C1	10-56
GB-116	MHG2.4	10-54

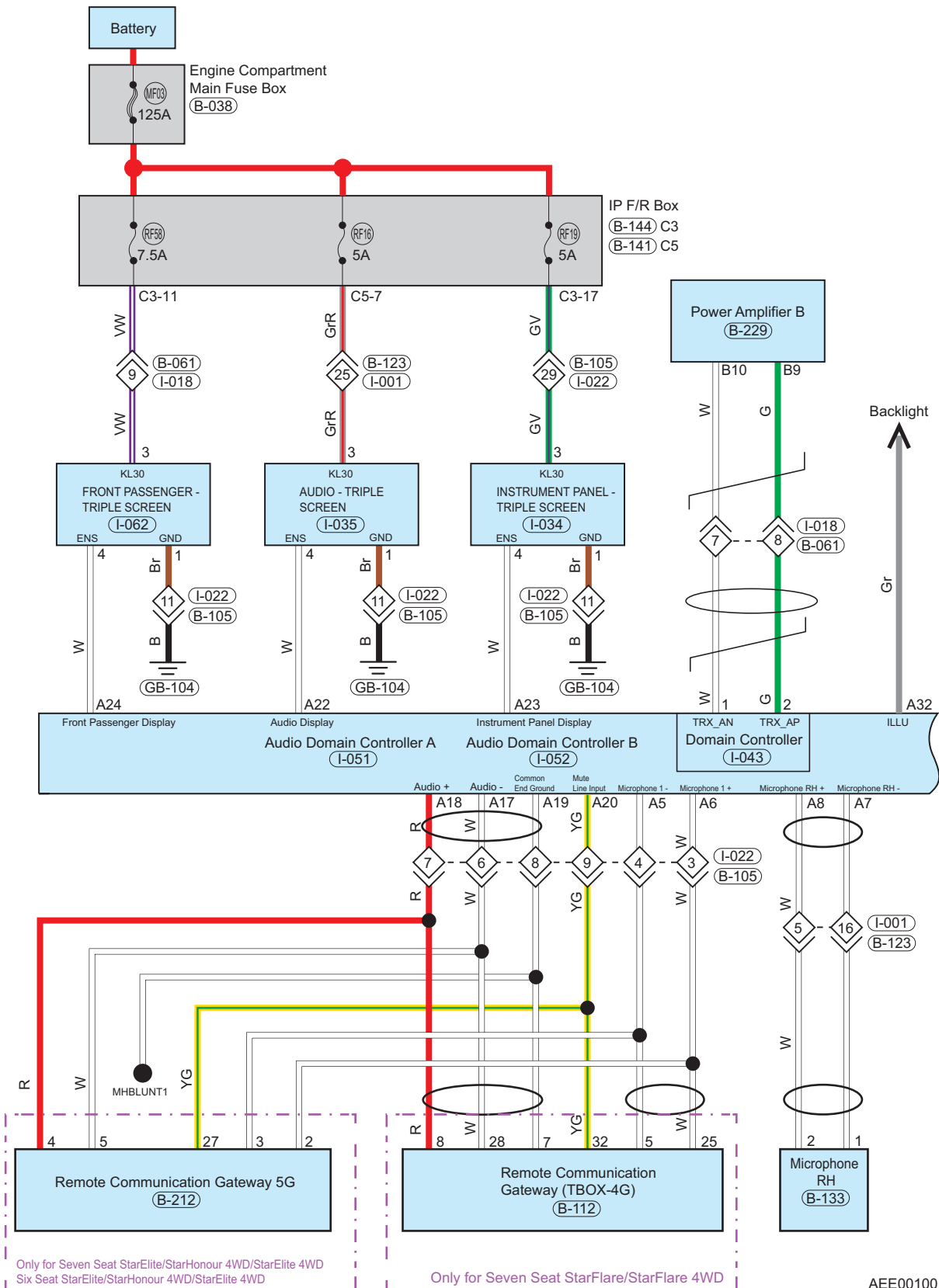
# Domain Controller (Instrument Cluster/Audio)



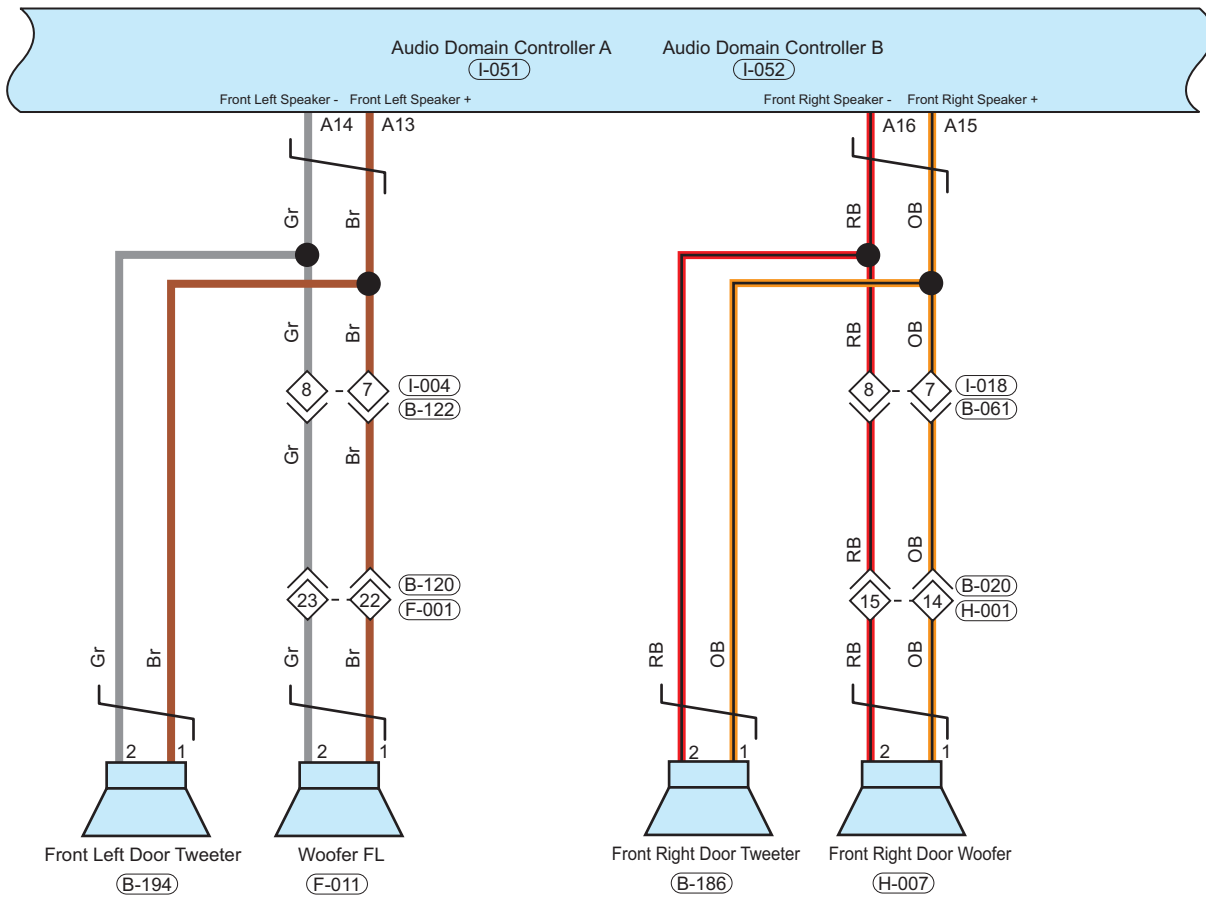
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# Domain Controller (Instrument Cluster/Audio)

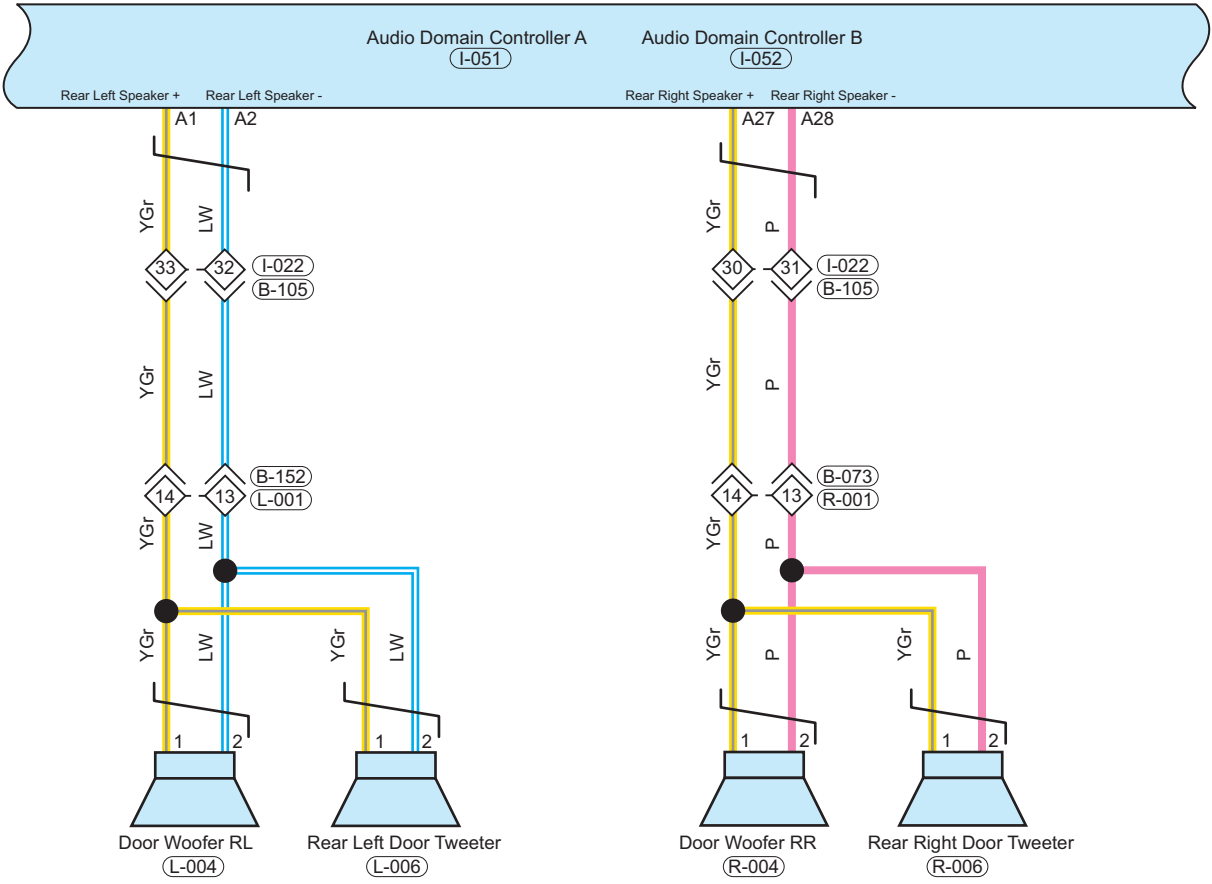


# Domain Controller (Instrument Cluster/Audio)

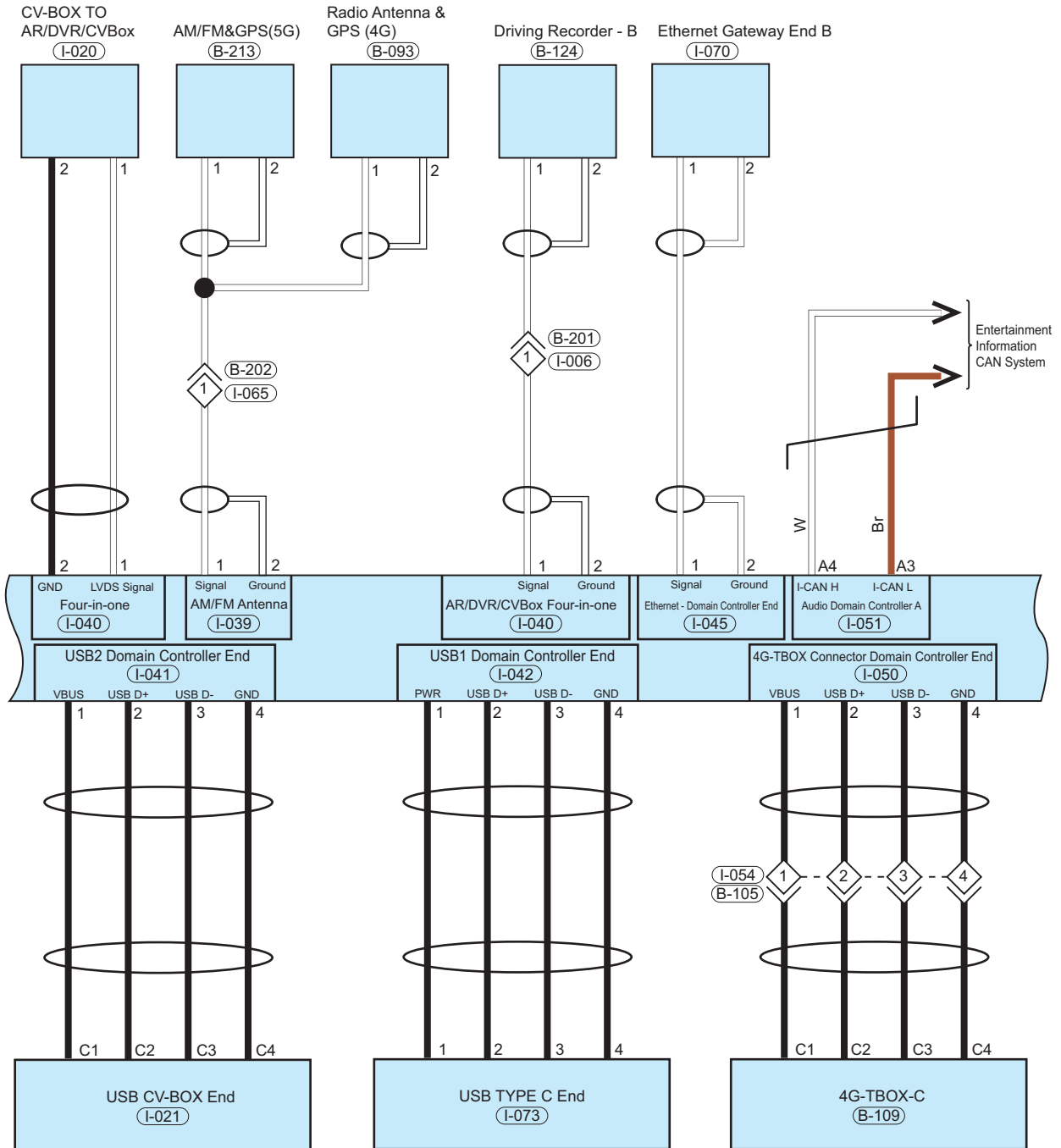




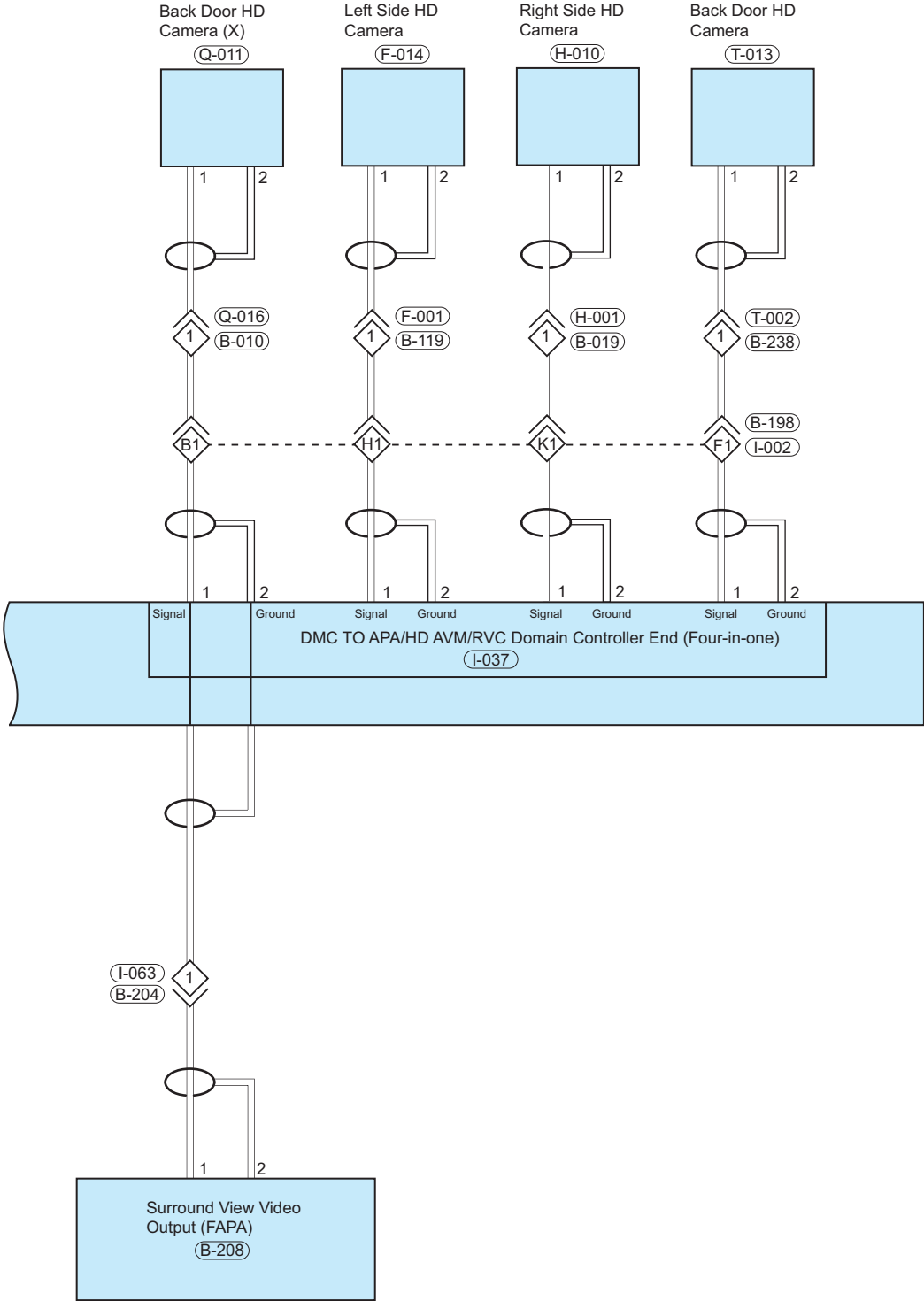
# Domain Controller (Instrument Cluster/Audio)



# Domain Controller (Instrument Cluster/Audio)



# Domain Controller (Instrument Cluster/Audio)



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## Domain Controller (Instrument Cluster/Audio)

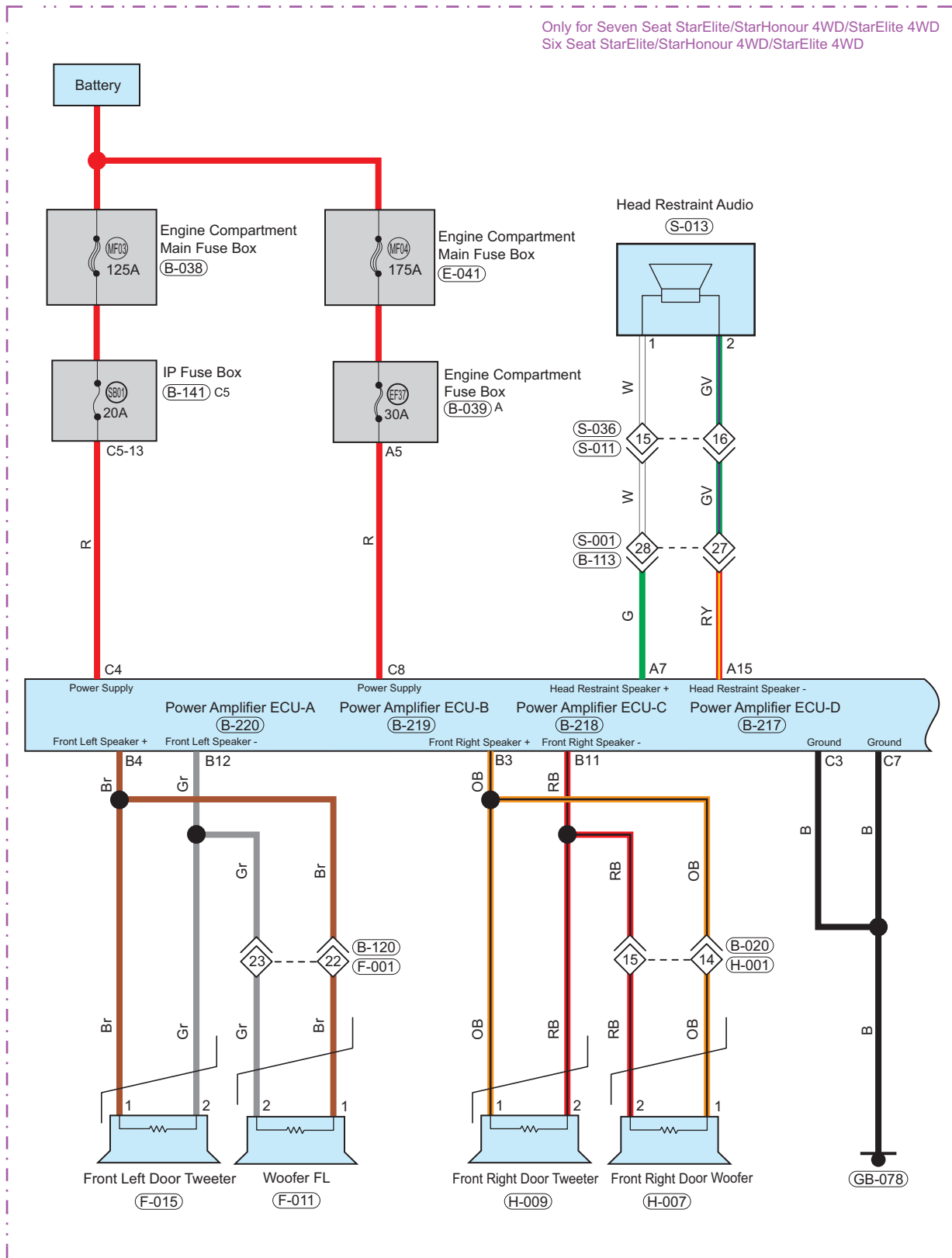
Wire Harness Connector	Name	Page Number
B-010	Front HD Camera Interface	10-49
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-49
B-019	Front Right HD Camera Interface	10-50
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-045	Brake Fluid Level Sensor	10-51
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-093	Radio Antenna & GPS	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-109	4G-TBOX	10-54
B-112	Remote Communication Gateway	10-54
B-119	Interior to Front Left Door Left Side HD Camera	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-124	Driving Recorder - B	10-55
B-133	Microphone RH	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-143	Instrument Panel Fuse Box C1	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-186	Front Right Door Tweeter	10-58
B-189	Engine Compartment Fuse Box E	10-59

Wire Harness Connector	Name	Page Number
B-194	Front Left Door Tweeter	10-59
B-198	Interior Wire Harness to Instrument Panel Wire Harness Surround View Video Input	10-59
B-201	Inline FLOOR TO IP	10-59
B-202	Inline FLOOR TO IP	10-59
B-204	Inline FLOOR TO IP	10-59
B-208	Surround View Video Output (CODE D)	10-59
B-212	Remote Communication Gateway 5G T-BOX Module Connector	10-59
B-213	Cable 73A2 GPS Antenna	10-59
B-229	Power Amplifier B	10-60
B-238	Interior to Back Door Rear HD Camera Interface	10-61
B-247	DAB	10-61
B-248	DAB Antenna	10-61
B-256	Glonass	10-61
B-260	DAB TO IP	10-61
E-019	Engine Wire Harness to Interior Floor Wire Harness Interface 4	10-6
E-031	Oil Pressure Sensor	10-6
E-041	PFB-UEC	10-101
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-011	Door Woofer FL	10-76
F-014	Left Side HD Camera	10-76
GB-034	G02	10-51
GB-103	MHG2.51	10-54
GB-104	MHG2.53	10-54
GB-116	MHG2.4	10-54
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-007	Front Right Door Woofer	10-78
H-010	Right Side HD Camera	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-002	Instrument Panel Wire Harness to Interior APA/HD AVM/RVC	10-71

Wire Harness Connector	Name	Page Number
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-006	Instrument Panel Wire Harness to Interior DVR	10-71
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-020	CV-BOX TO AR/DVR/CVBox	10-70
I-021	CV-BOX TO USB CV-BOX End	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-034	Instrument Panel - Triple Screen	10-72
I-035	Audio - Triple Screen	10-72
I-037	DMC TO APA/HD AVM/RVC Domain Controller End	10-72
I-039	DMC TO AM/FM ANTENNA	10-73
I-040	DMC TO AR/DVR/CVBox Four-in-one	10-73
I-041	DMC TO USB2 Domain Controller End	10-73
I-042	DMC TO USB1 Domain Controller End	10-73
I-043	A2B IHU/DMC Domain Controller	10-73
I-045	DMC TO Ethernet Gateway	10-73
I-050	4G-TBOX Connector	10-73
I-051	Audio Domain Controller A	10-73
I-052	Audio Domain Controller B	10-73
I-054	4G-TBOX Connector	10-73
I-062	Front Passenger - Triple Screen	10-74
I-063	IP TO MAIN APA/HD AVM/RVC	10-74
I-065	DMC TO MAIN-AM/FM ANTENNA	10-74
I-070	IP TO Ethernet Gateway End B	10-74
I-073	USB TYPE C End	10-74
I-075	DMS TO GPS	10-74
I-078	IP TO MAIN-DAB	10-74
I-081	DAB FAKRA	0
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-004	Door Woofer RL	10-80

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
L-006	Rear Left Door Tweeter	10-80
Q-011	Front HD Camera (X)	10-11
Q-016	Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)	10-11
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-004	Door Woofer RR	10-82
R-006	Rear Right Door Tweeter	10-82
T-002	Camera (Back door Wire Harness to Interior Floor Wire Harness Interface)	10-85
T-013	Back Door HD Camera	10-85

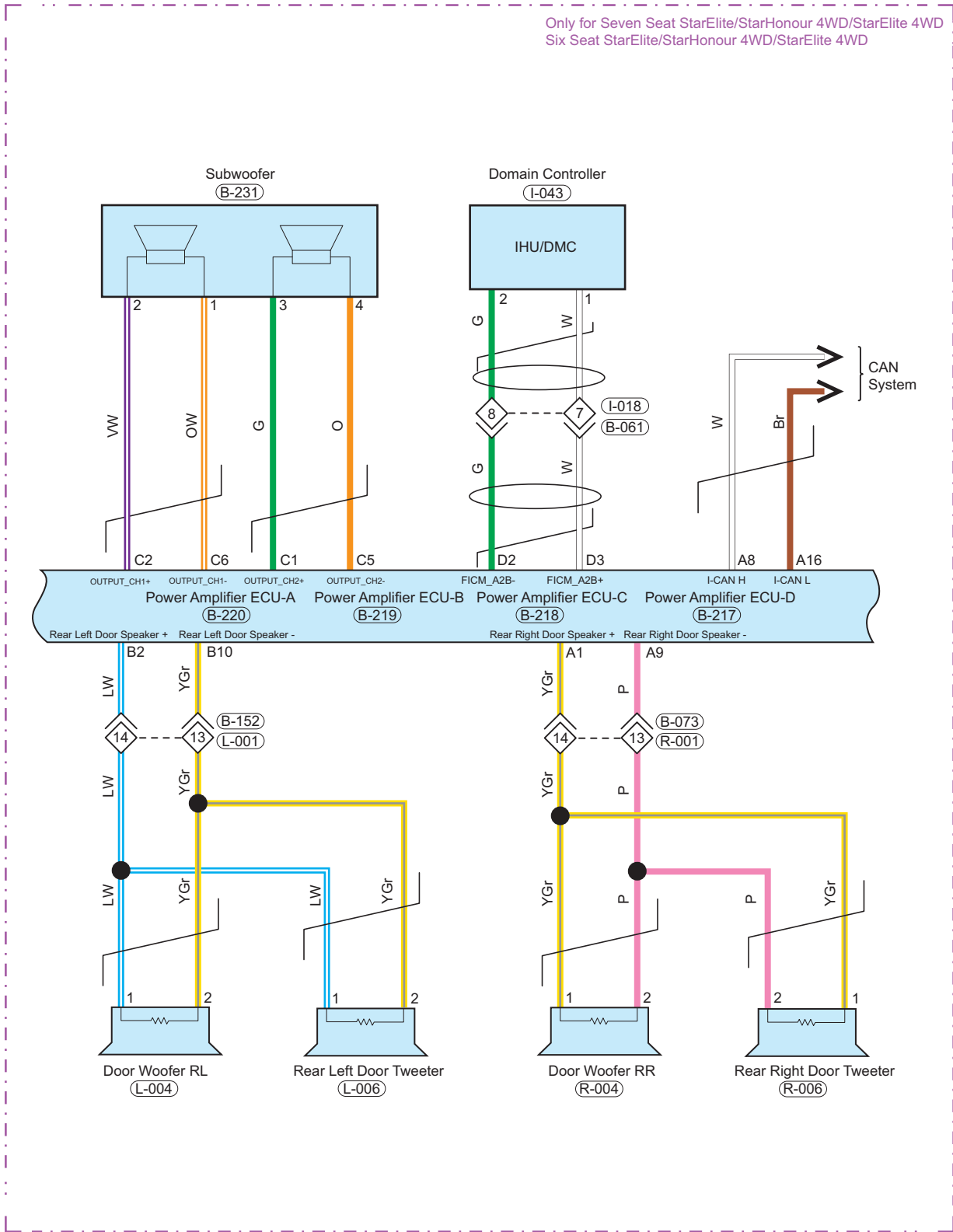
# Power Amplifier (iFLYTEK)



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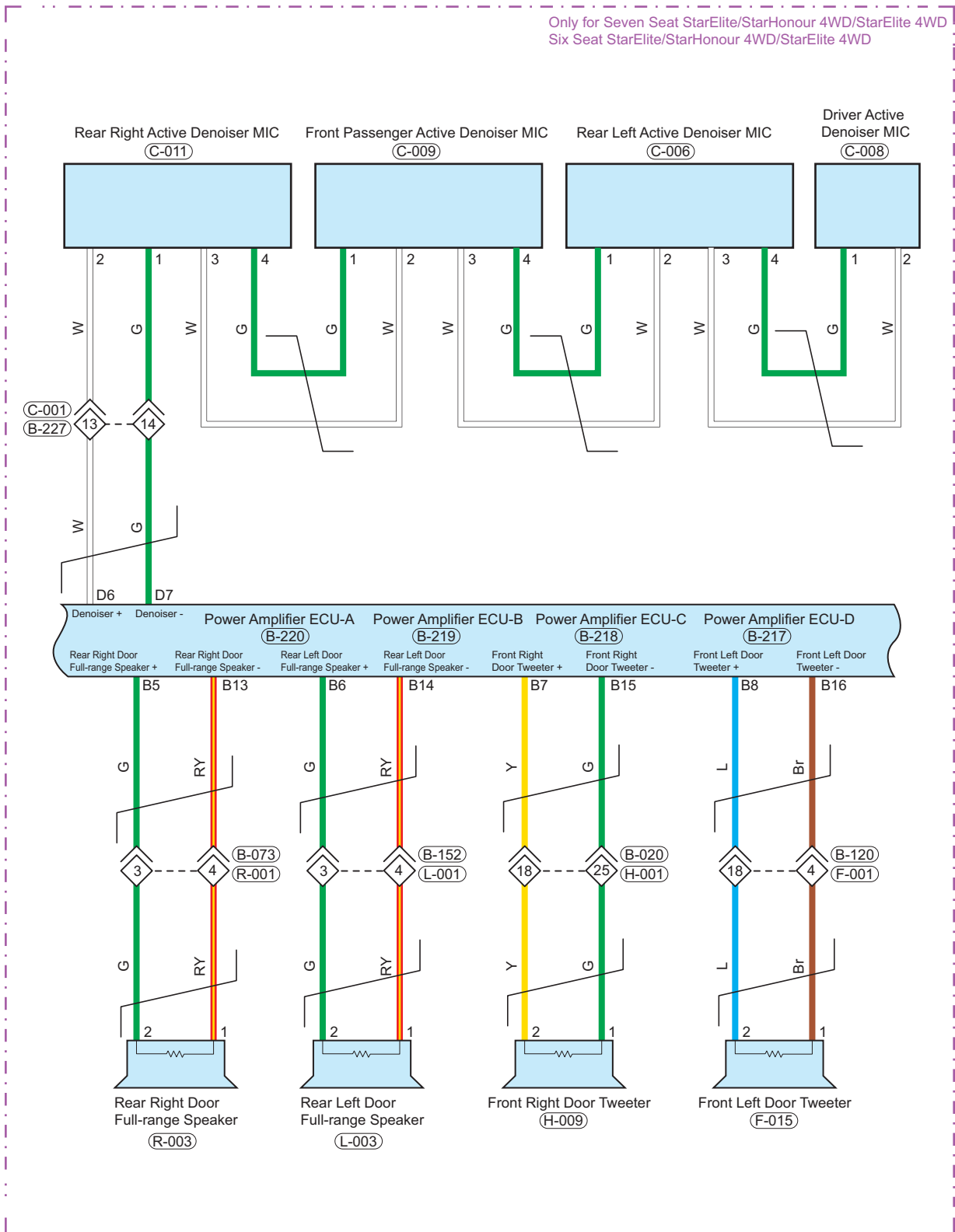


# Power Amplifier (iFLYTEK)

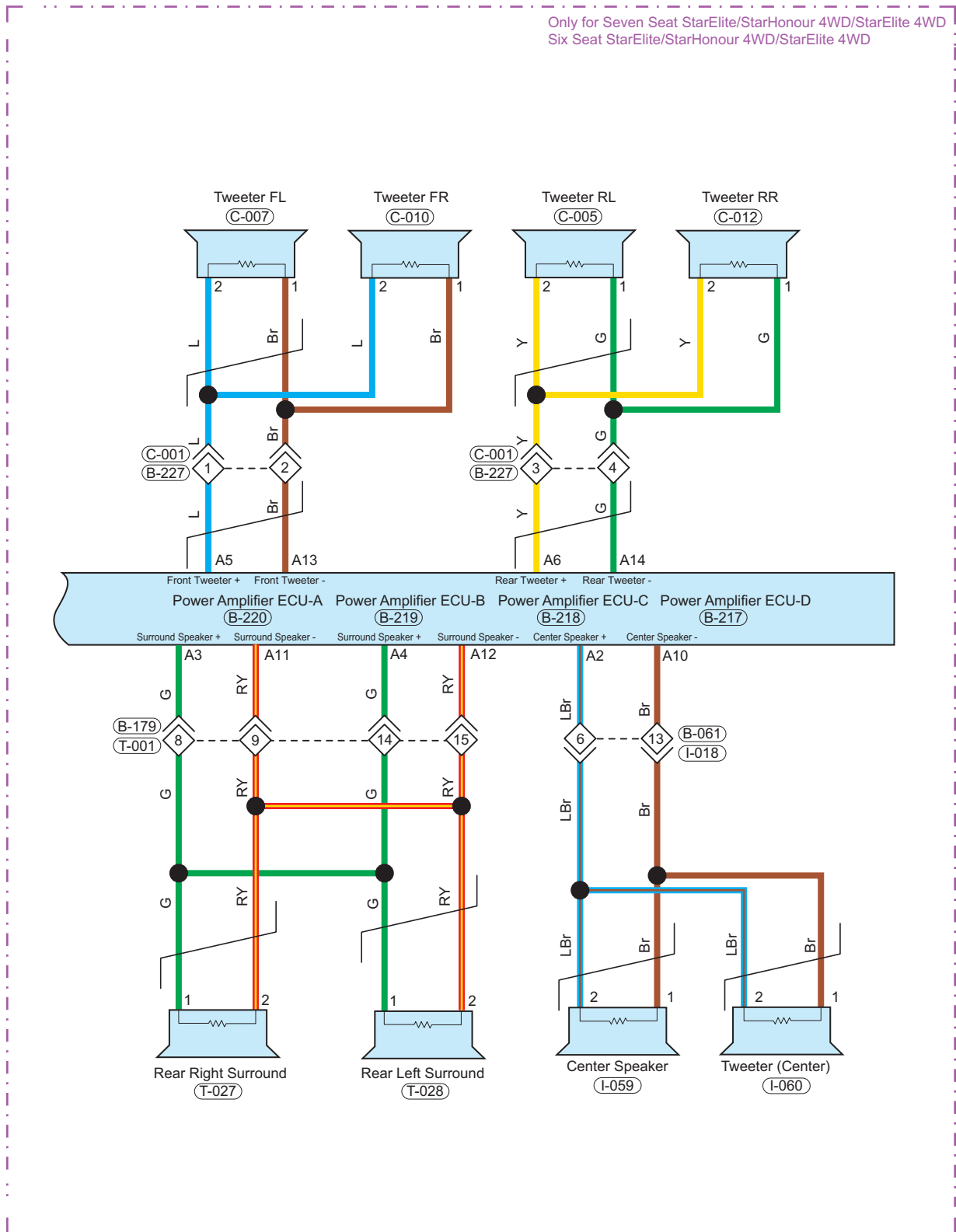


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# Power Amplifier (iFLYTEK)



# Power Amplifier (iFLYTEK)



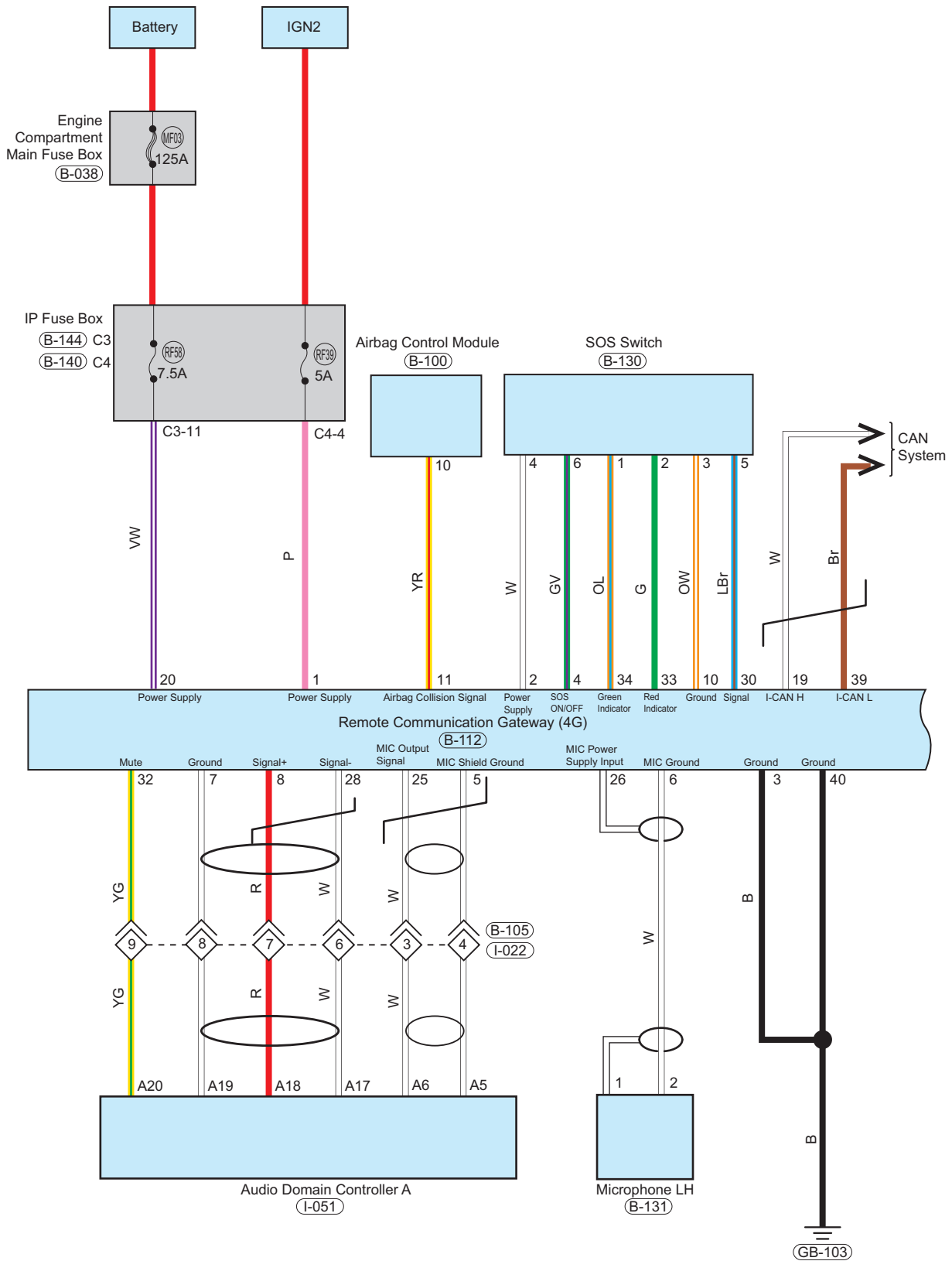
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## Power Amplifier

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-038	IP F/R Box Power Supply	10-51
B-039	Engine Compartment Fuse and Relay Box A	10-51
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-141	Instrument Panel Fuse Box C5	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-217	Power Amplifier ECU (iFLYTEK)-D	10-60
B-218	Power Amplifier ECU (iFLYTEK)-C	10-60
B-219	Power Amplifier ECU (iFLYTEK)-B	10-60
B-220	Power Amplifier ECU (iFLYTEK)-A	10-60
B-227	Interior Wire Harness to Roof Wire Harness	10-60
B-231	Subwoofer	10-61
C-004	Roof to Main Wire Harness Roof Wire Harness to Interior Wire Harness	10-98
C-005	Tweeter RL	10-98
C-006	Rear Left Active Denoiser MIC	10-98
C-007	Tweeter FL	10-98
C-008	Driver Active Denoiser MIC	10-98
C-009	Front Passenger Active Denoiser MIC	10-98
C-010	Front Right Tweeter	10-98
C-011	Rear Right Active Denoiser MIC	10-98
C-012	Rear Right Tweeter	10-98
E-041	PFB-UEC	10-101

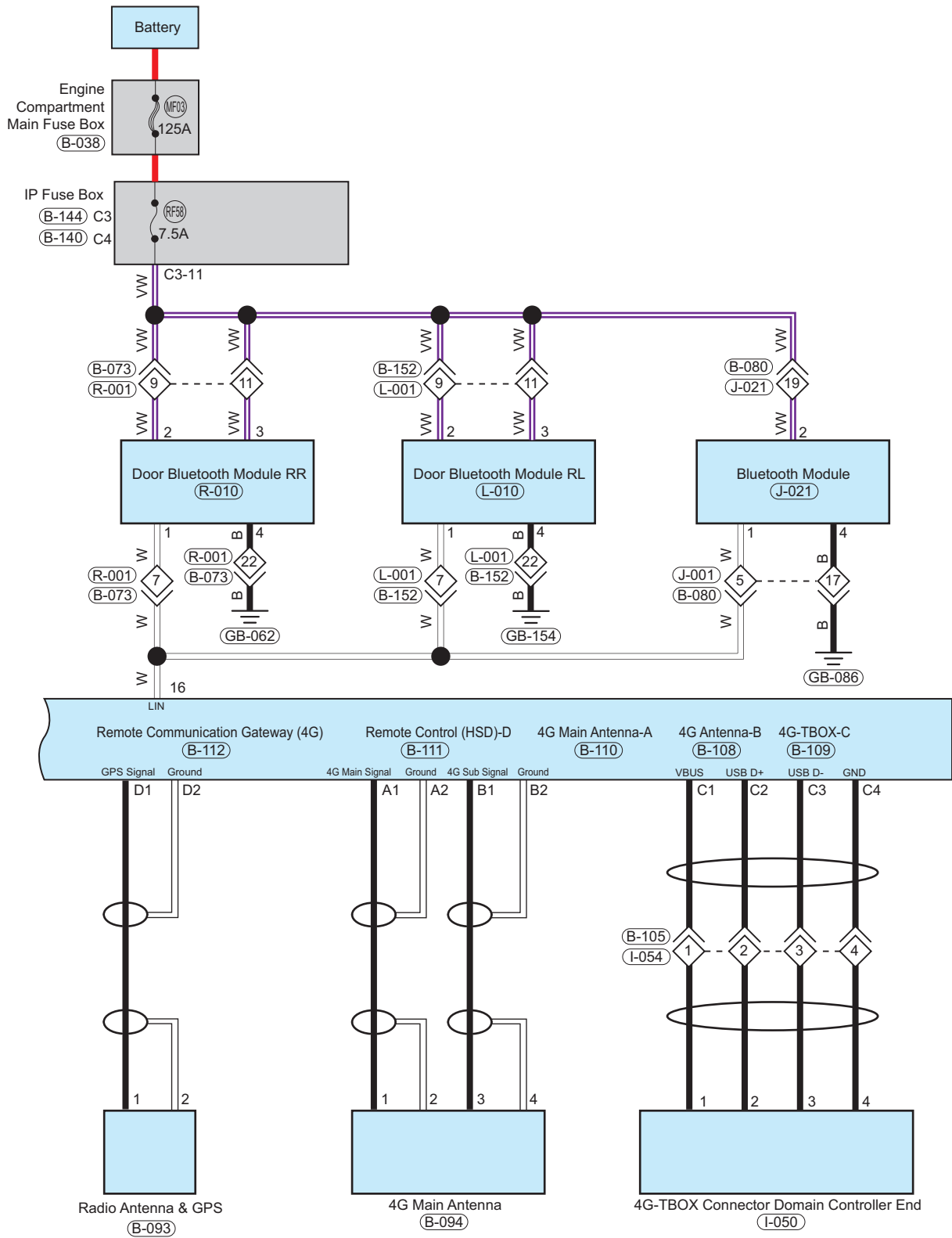
Wire Harness Connector	Name	Page Number
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-011	Door Woofer FL	10-76
F-015	Front Left Door Tweeter	10-76
GB-078	MHG2.7	10-53
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-007	Front Right Door Woofer	10-78
H-009	Front Right Door Tweeter	10-78
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-043	A2B IHU/DMC Domain Controller	10-73
I-059	Center Speaker	10-74
I-060	Tweeter (Center)	10-74
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-003	Rear Left Door Full-range Speaker	10-80
L-004	Door Woofer RL	10-80
L-006	Rear Left Door Tweeter	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-003	Rear Right Door Full-range Speaker	10-82
R-004	Door Woofer RR	10-82
R-006	Rear Right Door Tweeter	10-82
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-027	Rear Right Surround	10-85
T-028	Rear Left Surround	10-85

# Information Communication System (TBOX) 4G/5G



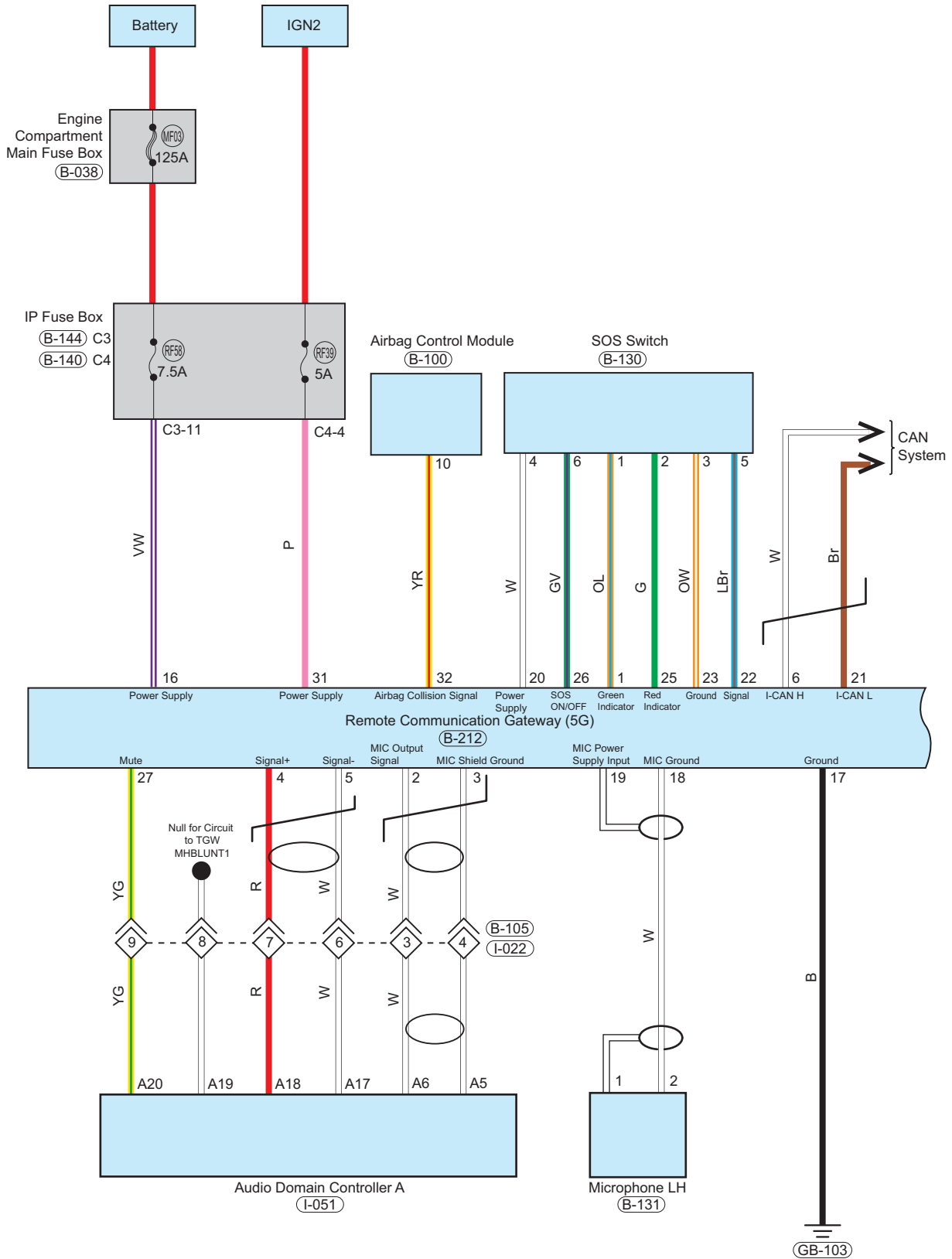
AEE007001

# Information Communication System (TBOX) 4G/5G



AEE007002

# Information Communication System (TBOX) 4G/5G

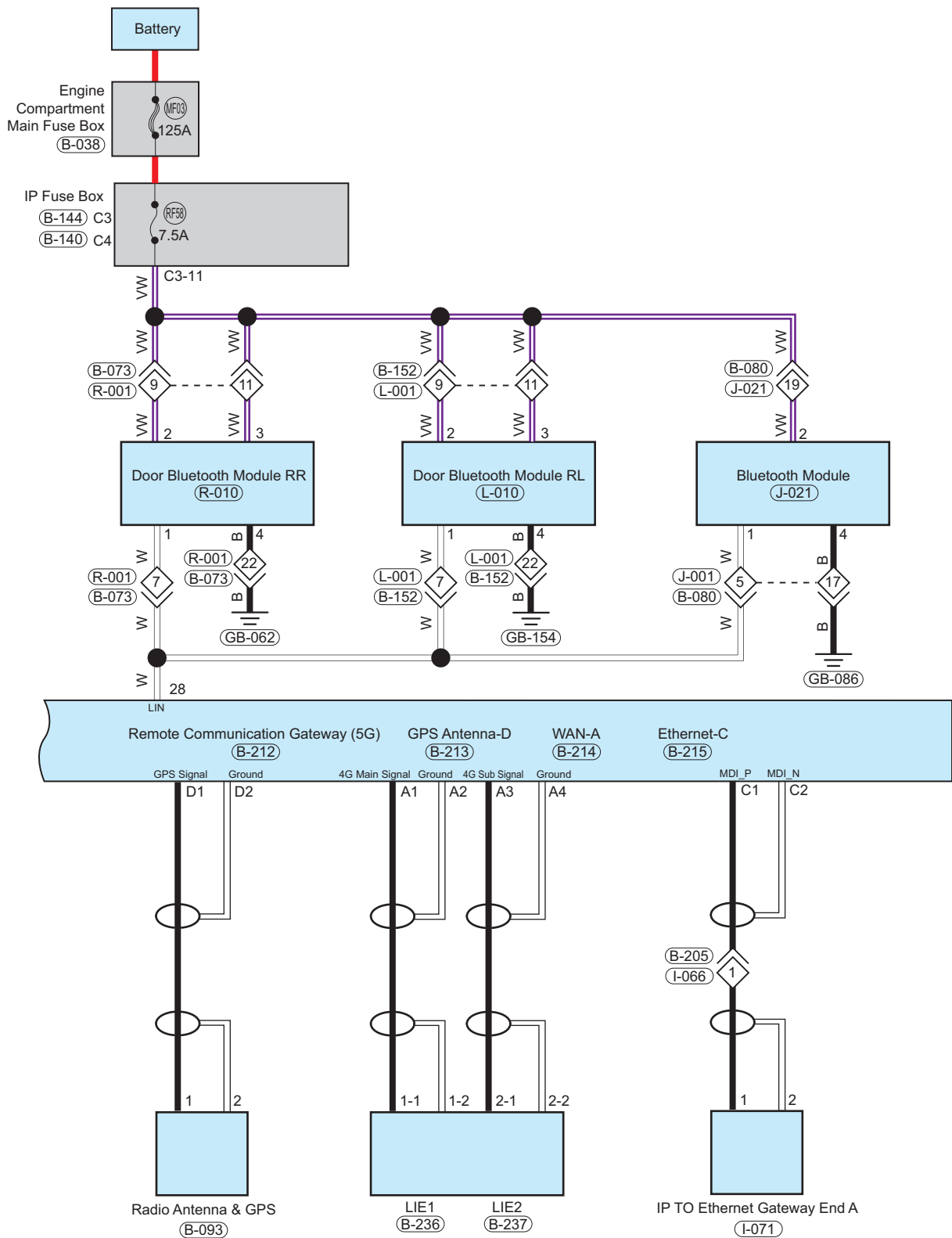


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AEE007003



# Information Communication System (TBOX) 4G/5G



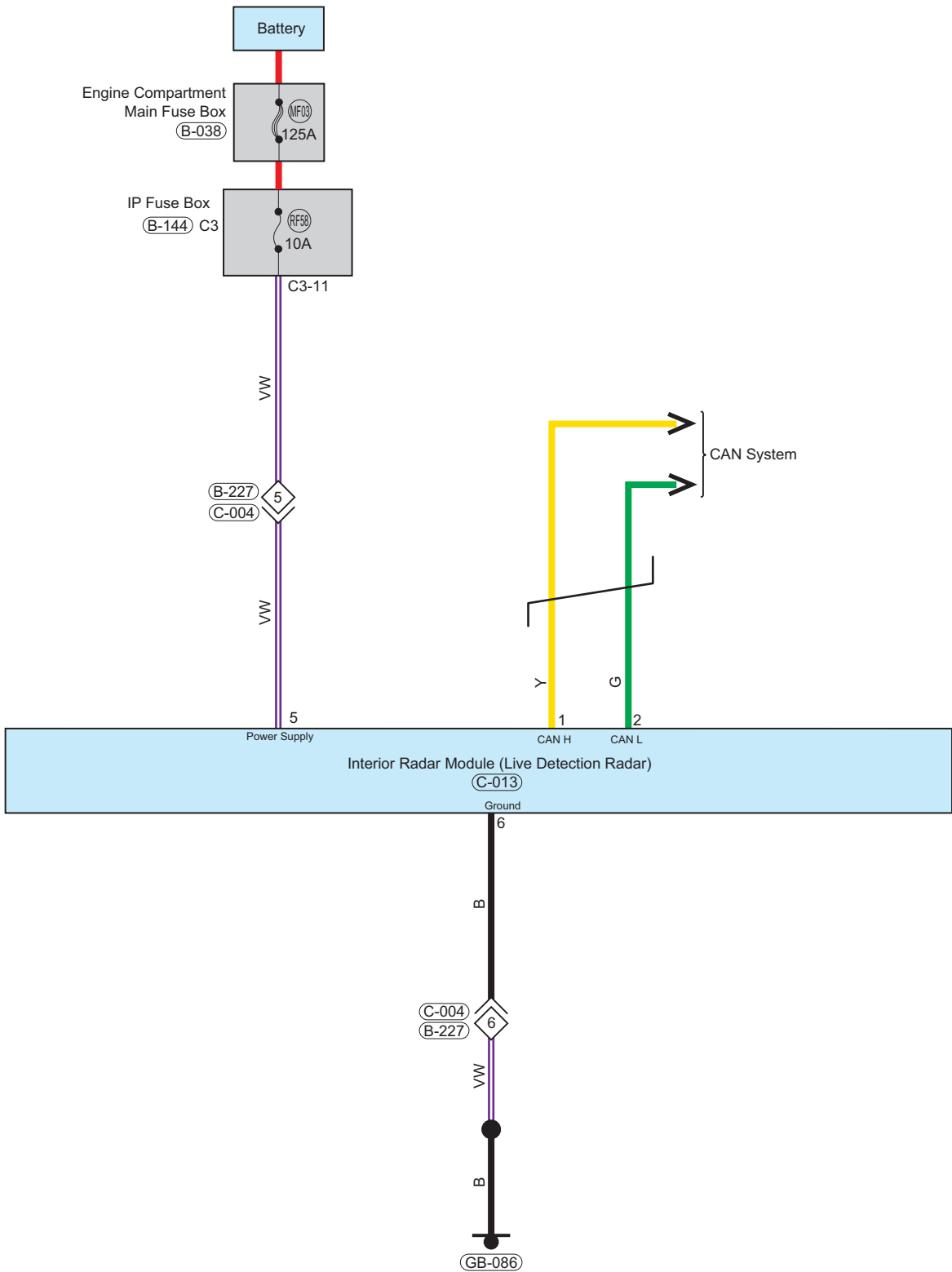
AEE007004

## Information Communication System (TBOX) 4G/5G

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-093	Radio Antenna & GPS	10-53
B-094	4G Main Antenna	10-53
B-100	Airbag Control Module	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-108	4G Antenna	10-54
B-109	4G-TBOX	10-54
B-110	4G Main Antenna	10-54
B-111	Remote Control (HSD)	10-54
B-112	Remote Communication Gateway	10-54
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-130	SOS Switch	10-55
B-131	Microphone LH	10-56
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-205	Ethernet Inline FLOOR TO IP	10-59
B-212	Remote Communication Gateway 5G T-BOX Module Connector	10-59
B-213	Cable 73A2 GPS Antenna	10-59
B-214	Cable 66B WAN	10-59
B-215	Ethernet	10-60
B-236	LIE1	10-61
B-237	LIE2	10-61
GB-062	MHG2.1	10-52
GB-086	MHG2.9	10-53
GB-103	MHG2.51	10-54

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
GB-154	MHG2.6A	10-57
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-050	4G-TBOX Connector	10-73
I-051	Audio Domain Controller A	10-73
I-054	4G-TBOX Connector	10-73
I-066	DMC TO MAIN-ETHENET	10-74
I-071	IP TO Ethernet Gateway End A	10-74
I-080	Speaker	10-74
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-021	Bluetooth Module	10-14
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-010	Door Bluetooth Module RL	10-80
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-010	Door Bluetooth Module RR	10-82

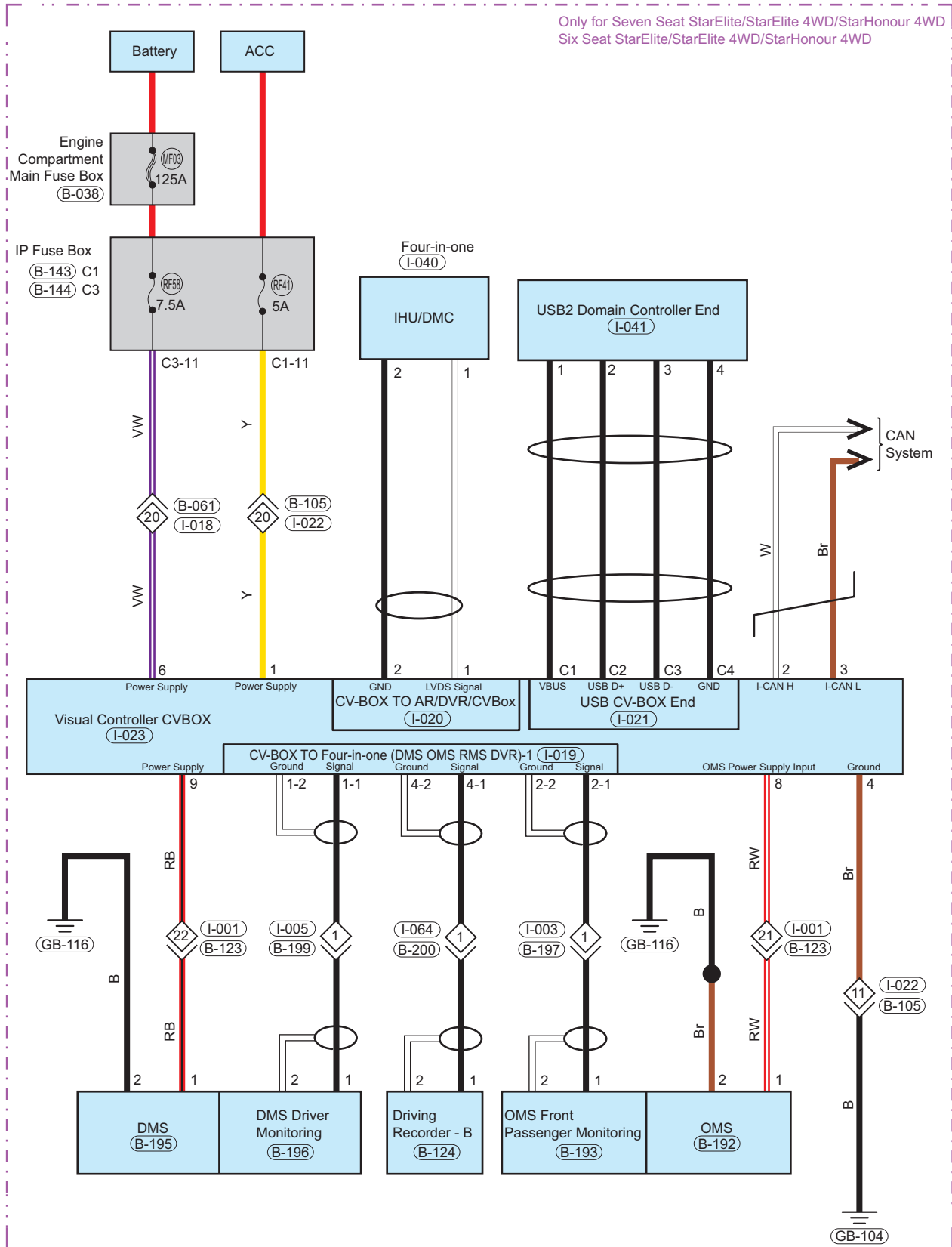
# Live Detection System



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AEE007005

# Visual Control System (CVBOX)



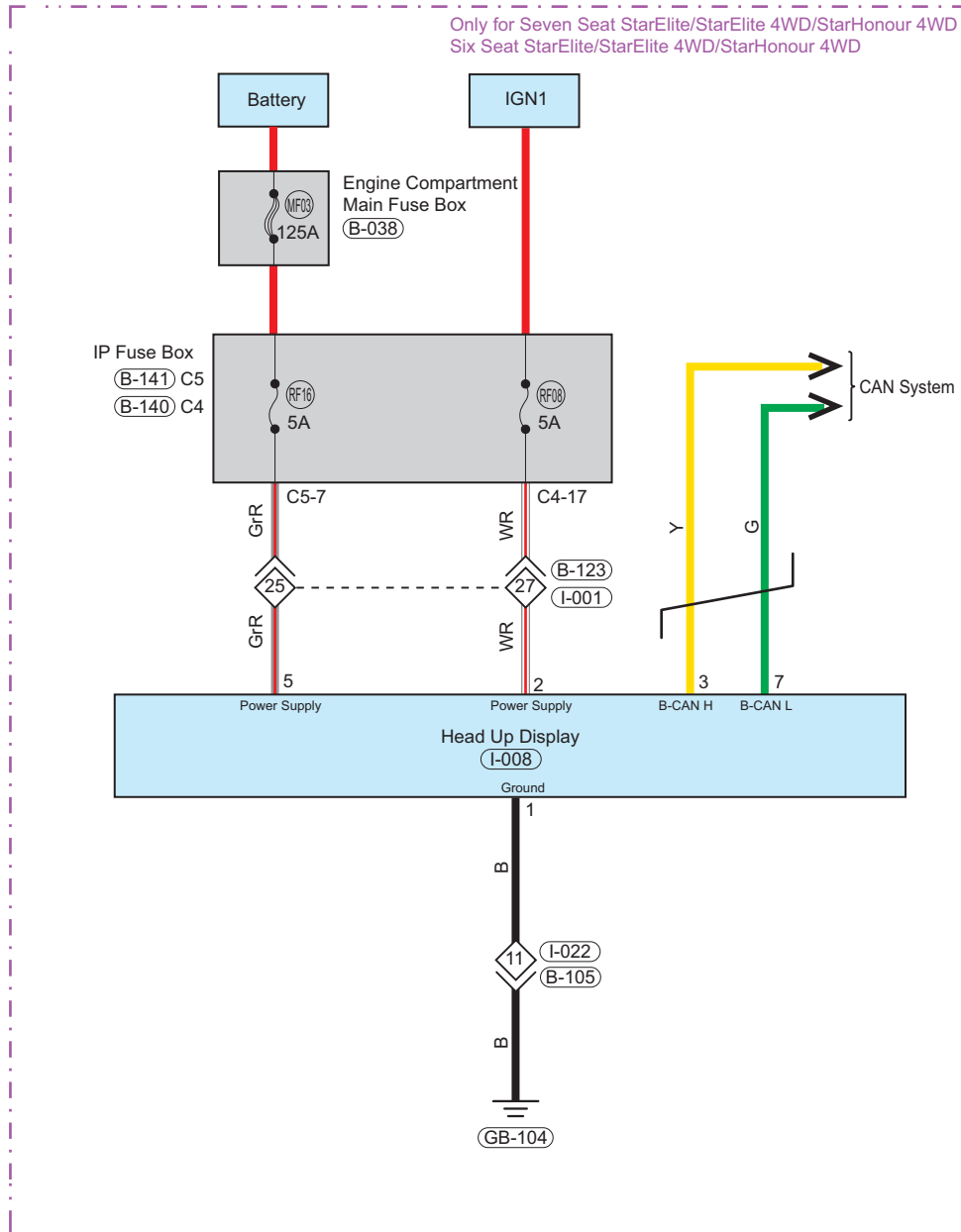
AEE008001

## Visual Control System (CVBOX)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-061	Interior Floor Wire Harness to Instrument Panel Wire Harness Interface (Right Side)	10-52
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-124	Driving Recorder - B	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-192	OMS	10-59
B-193	OMS Front Passenger Monitoring	10-59
B-195	DMS	10-59
B-196	DMS Driver Monitoring	10-59
B-197	Interior Wire Harness to Instrument Panel Wire Harness OMS	10-59
B-199	Interior Wire Harness to Instrument Panel Wire Harness DMS	10-59
B-200	Interior Wire Harness to Instrument Panel Wire Harness DVR	10-59
B-227	Interior Wire Harness to Roof Wire Harness	10-60
C-004	Roof to Main Wire Harness Roof Wire Harness to Interior Wire Harness	10-98
C-013	Interior Radar Module	10-98
GB-086	MHG2.9	10-53
GB-104	MHG2.53	10-54
GB-116	MHG2.4	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-003	Instrument Panel Wire Harness to Interior OMS	10-71
I-005	Instrument Panel Wire Harness to Interior DMS	10-71

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
I-018	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 4	10-70
I-019	CV-BOX TO Four-in-one (DMS OMS RMS DVR)	10-70
I-020	CV-BOX TO AR/DVR/CVBox	10-70
I-021	CV-BOX TO USB CV-BOX End	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-023	CVBOX	10-72
I-040	DMC TO AR/DVR/CVBox Four-in-one	10-73
I-041	DMC TO USB2 Domain Controller End	10-73
I-064	Instrument Panel Wire Harness to Interior Wire harness DVR	10-74

# Head Up Display



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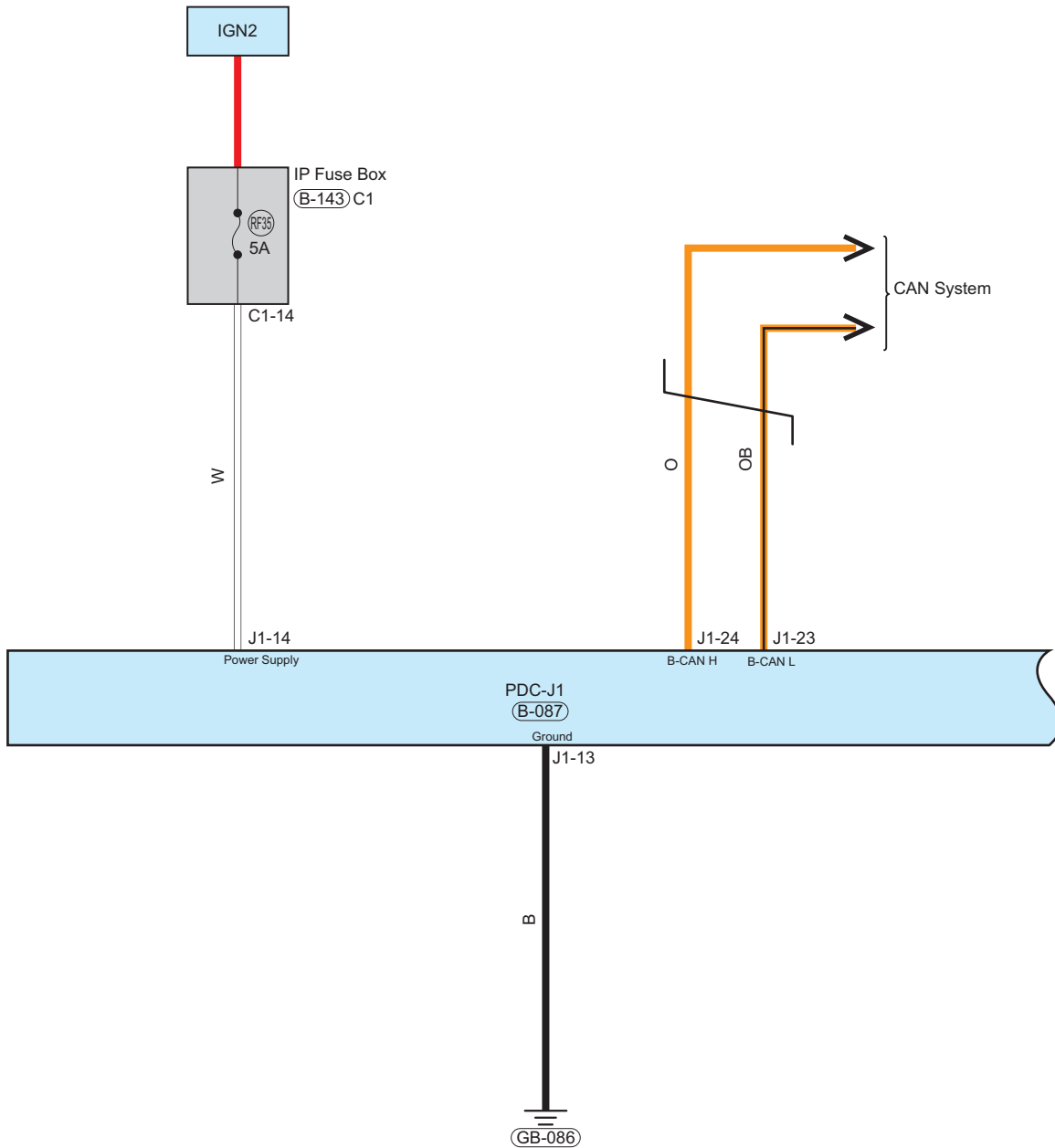
AEE009001



## Head Up Display

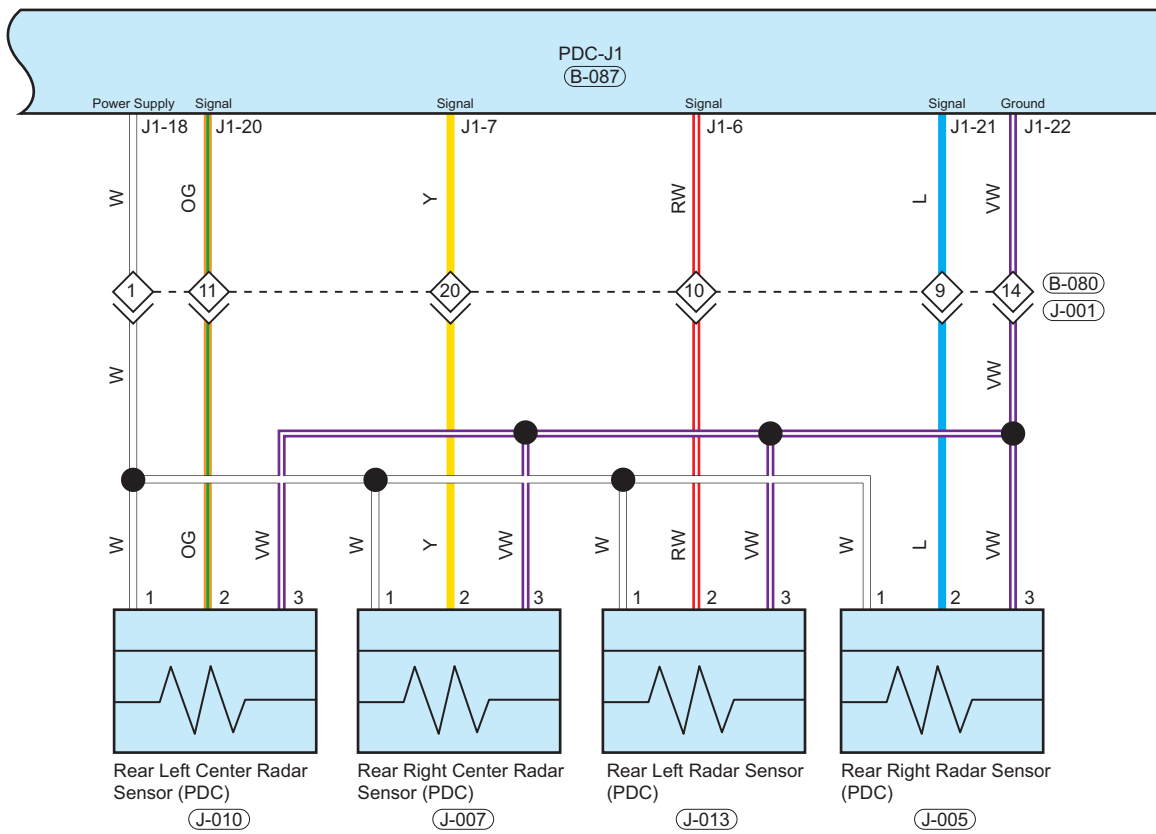
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-008	Head Up Display	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72

# Parking Radar Assist System (RADAR)



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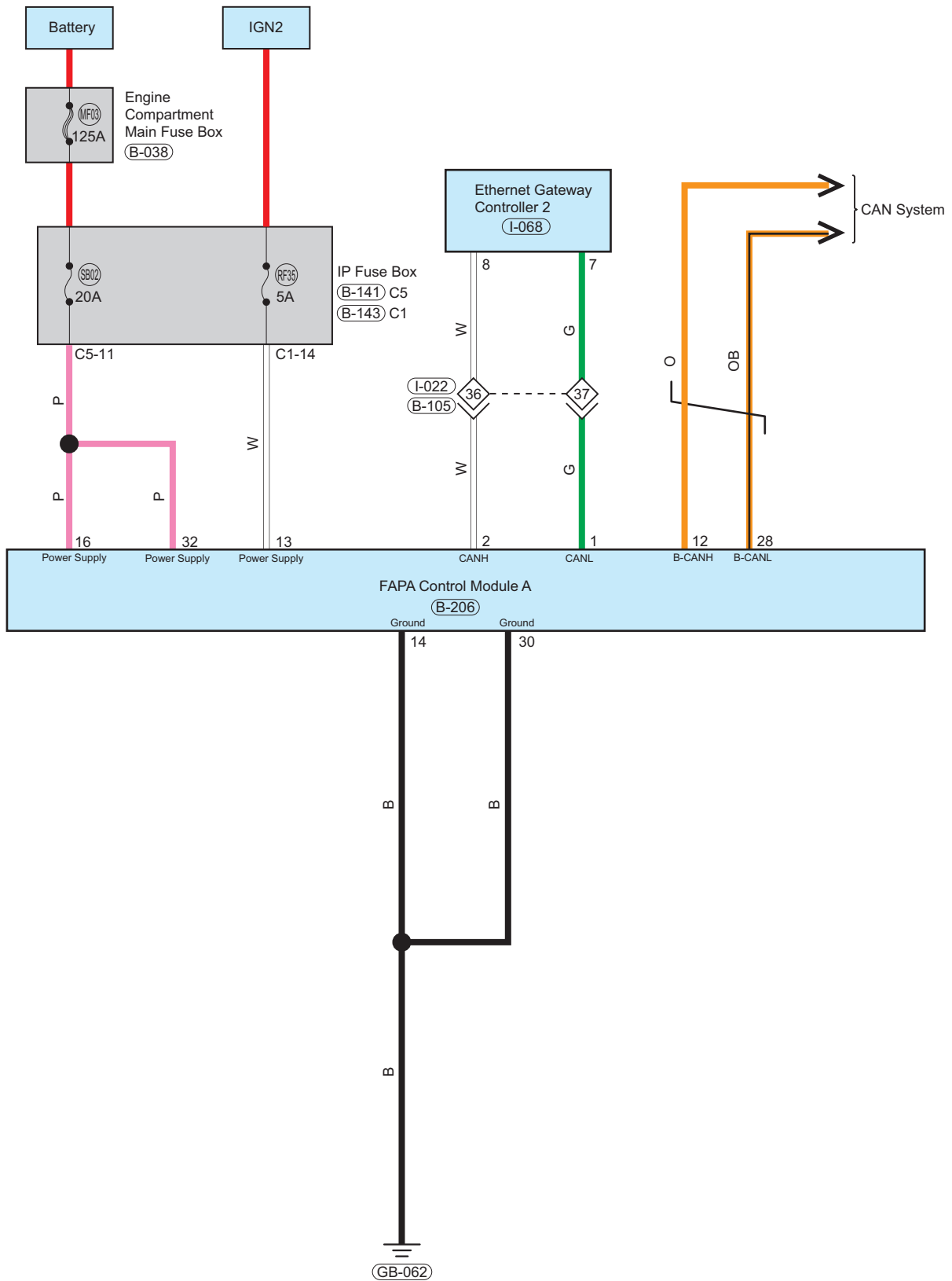
# Parking Radar Assist System (RADAR)



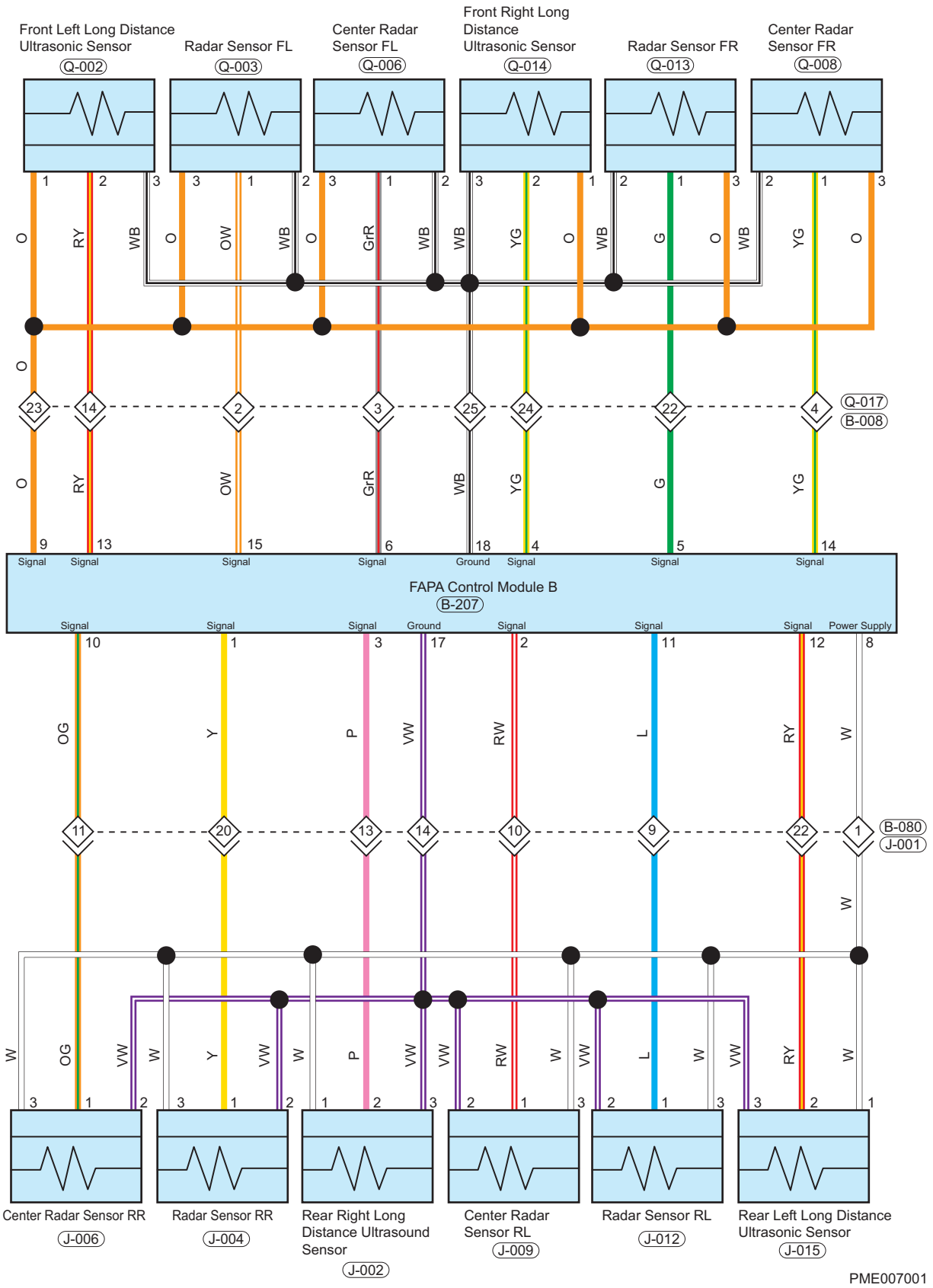
## Parking Radar Assist System (RADAR)

Wire Harness Connector	Name	Page Number
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-087	PDC-J1	10-53
B-143	Instrument Panel Fuse Box C1	10-56
GB-086	MHG2.9	10-53
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-005	Rear Right Radar Sensor (PDC)	10-14
J-007	Rear Right Center Radar Sensor (PDC)	10-14
J-010	Rear Left Center Radar Sensor (PDC)	10-14
J-013	Rear Left Radar Sensor (PDC)	10-14

# Full Automatic Parking System (FAPA)

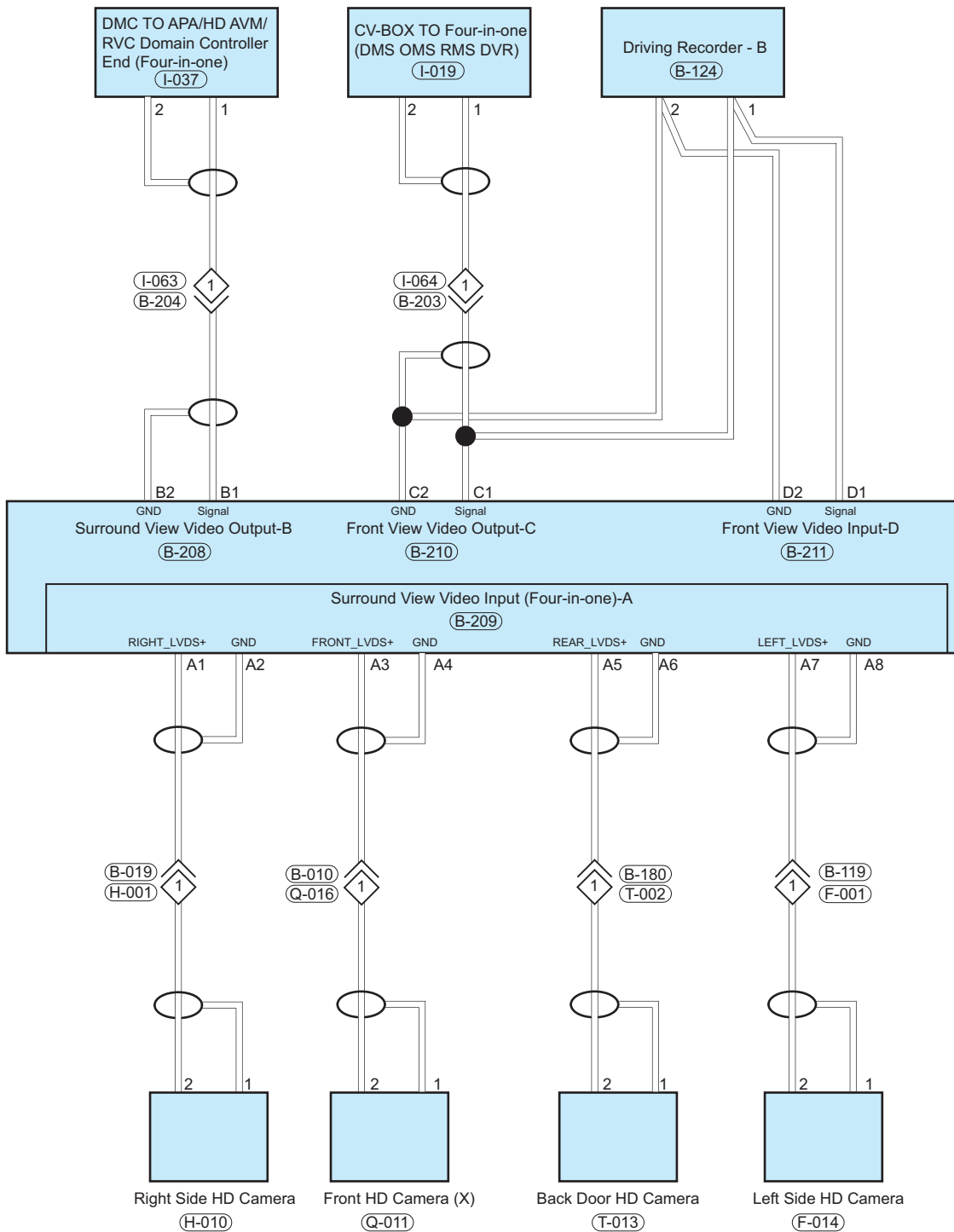


# Full Automatic Parking System (FAPA)



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# Full Automatic Parking System (FAPA)



PME009001

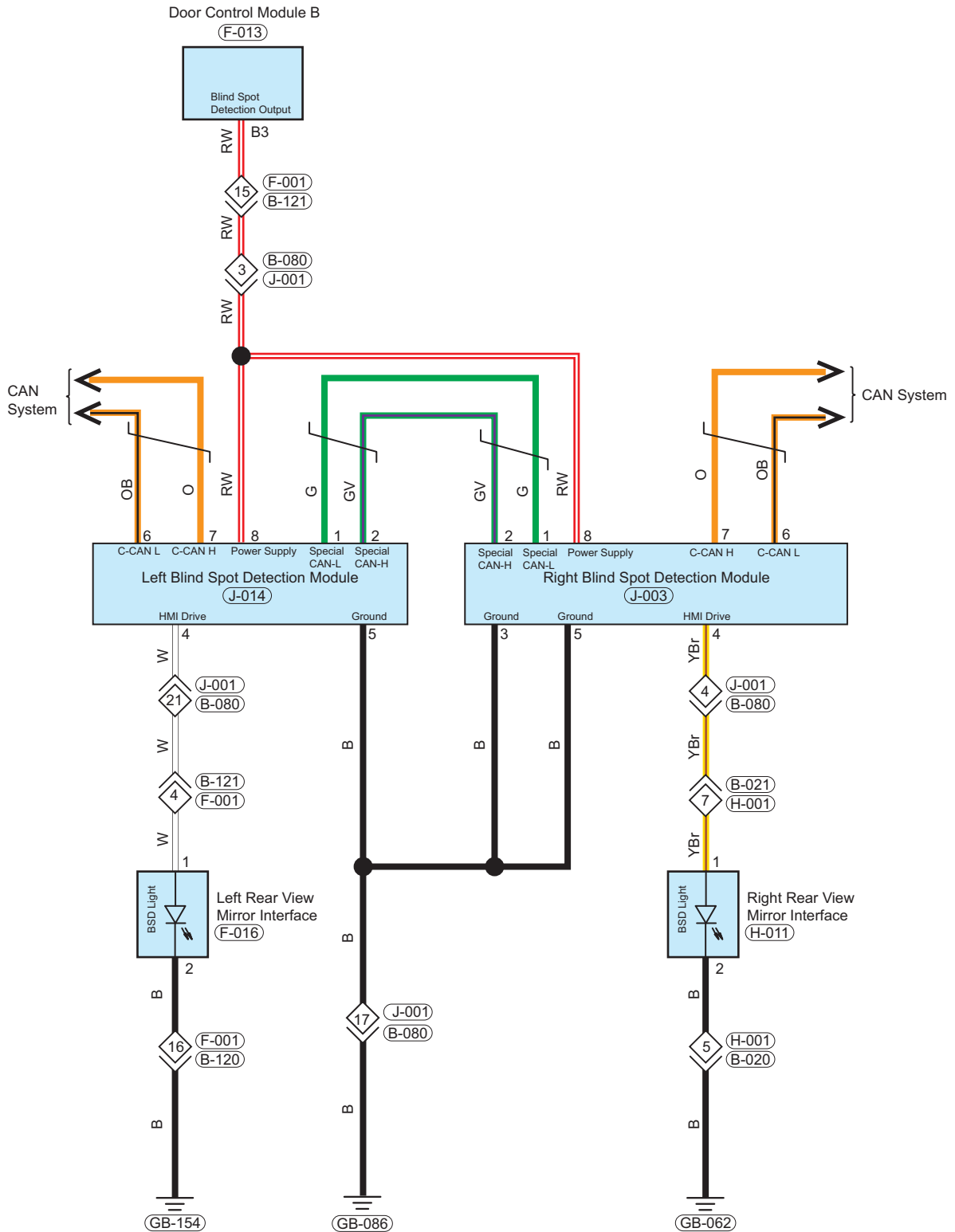
## Full Automatic Parking System (FAPA)

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-49
B-010	Front HD Camera Interface	10-49
B-019	Front Right HD Camera Interface	10-50
B-038	IP F/R Box Power Supply	10-51
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-119	Interior to Front Left Door Left Side HD Camera	10-54
B-124	Driving Recorder - B	10-55
B-141	Instrument Panel Fuse Box C5	10-56
B-143	Instrument Panel Fuse Box C1	10-56
B-180	Rear HD Camera Interface	10-58
B-203	Inline FLOOR TO IP	10-59
B-204	Inline FLOOR TO IP	10-59
B-206	FAPA Control Module A	10-59
B-207	FAPA Control Module B	10-59
B-208	Surround View Video Output (CODE D)	10-59
B-209	Four-in-one, Surround View Video Input	10-59
B-210	Front View Video Output	10-59
B-211	Front View Video Input	10-59
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-014	Left Side HD Camera	10-76
GB-062	MHG2.1	10-52
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-010	Right Side HD Camera	10-78
I-019	CV-BOX TO Four-in-one (DMS OMS RMS DVR)	10-70



Wire Harness Connector	Name	Page Number
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-037	DMC TO APA/HD AVM/RVC Domain Controller End	10-72
I-063	IP TO MAIN APA/HD AVM/RVC	10-74
I-064	Instrument Panel Wire Harness to Interior Wire harness DVR	10-74
I-068	Ethernet Gateway Controller 2	10-74
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-002	Rear Right Long Distance Ultrasonic Sensor (APA)	10-14
J-004	Rear Right Radar Sensor (APA)	10-14
J-006	Rear Right Center Radar Sensor (APA)	10-14
J-009	Rear Left Center Radar Sensor (APA)	10-14
J-012	Rear Left Radar Sensor (APA)	10-14
J-015	Rear Left Long Distance Ultrasonic Sensor (APA)	10-14
Q-002	Front Left Long Distance Ultrasonic Sensor (APA)	10-11
Q-003	Front Left Radar Sensor (APA)	10-11
Q-006	Front Left Center Radar Sensor (APA)	10-11
Q-008	Front Right Center Radar Sensor (APA)	10-11
Q-011	Front HD Camera (X)	10-11
Q-013	Front Right Radar Sensor (APA)	10-11
Q-014	Front Right Long Distance Ultrasonic Sensor (APA)	10-11
Q-016	Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)	10-11
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-11
T-002	Camera (Back door Wire Harness to Interior Floor Wire Harness Interface)	10-85
T-013	Back Door HD Camera	10-85

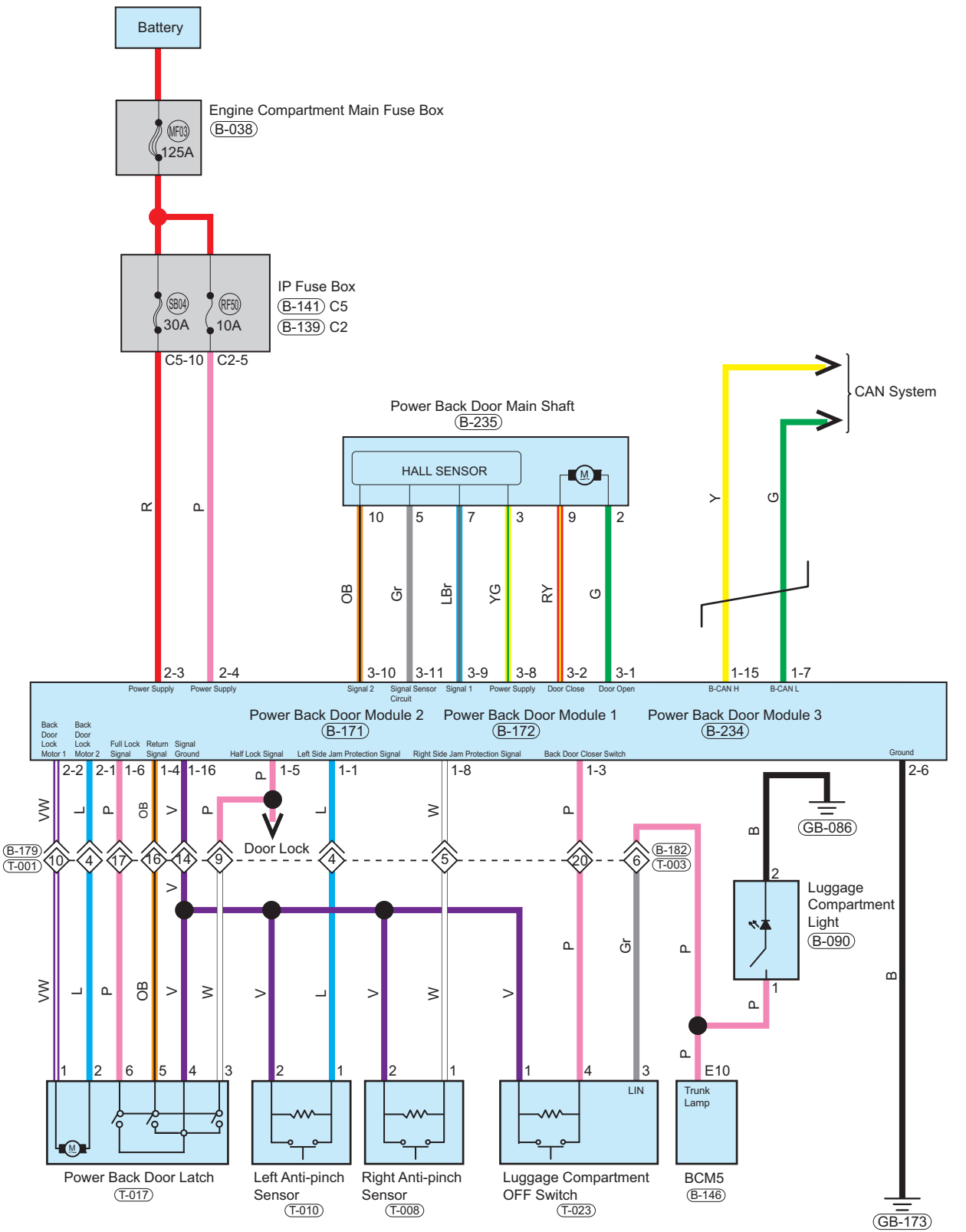
# Blind Spot Monitoring System (BSD)



## Blind Spot Monitoring System (BSD)

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-49
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-190	Multi-function Camera	10-59
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-013	Door Control Module B	10-76
F-016	Left Rear View Mirror Interface	10-76
GB-014	G05	10-49
GB-062	MHG2.1	10-52
GB-086	MHG2.9	10-53
GB-154	MHG2.6A	10-57
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78
H-011	Right Rear View Mirror Interface	10-78
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-003	Right Blind Spot Detection Module	10-14
J-014	Left Blind Spot Detection Module	10-14
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-11
Q-018	Corner Microwave Radar FL	10-11
Q-019	Corner Microwave Radar FR	10-11

# Power Back Door System (PLG)



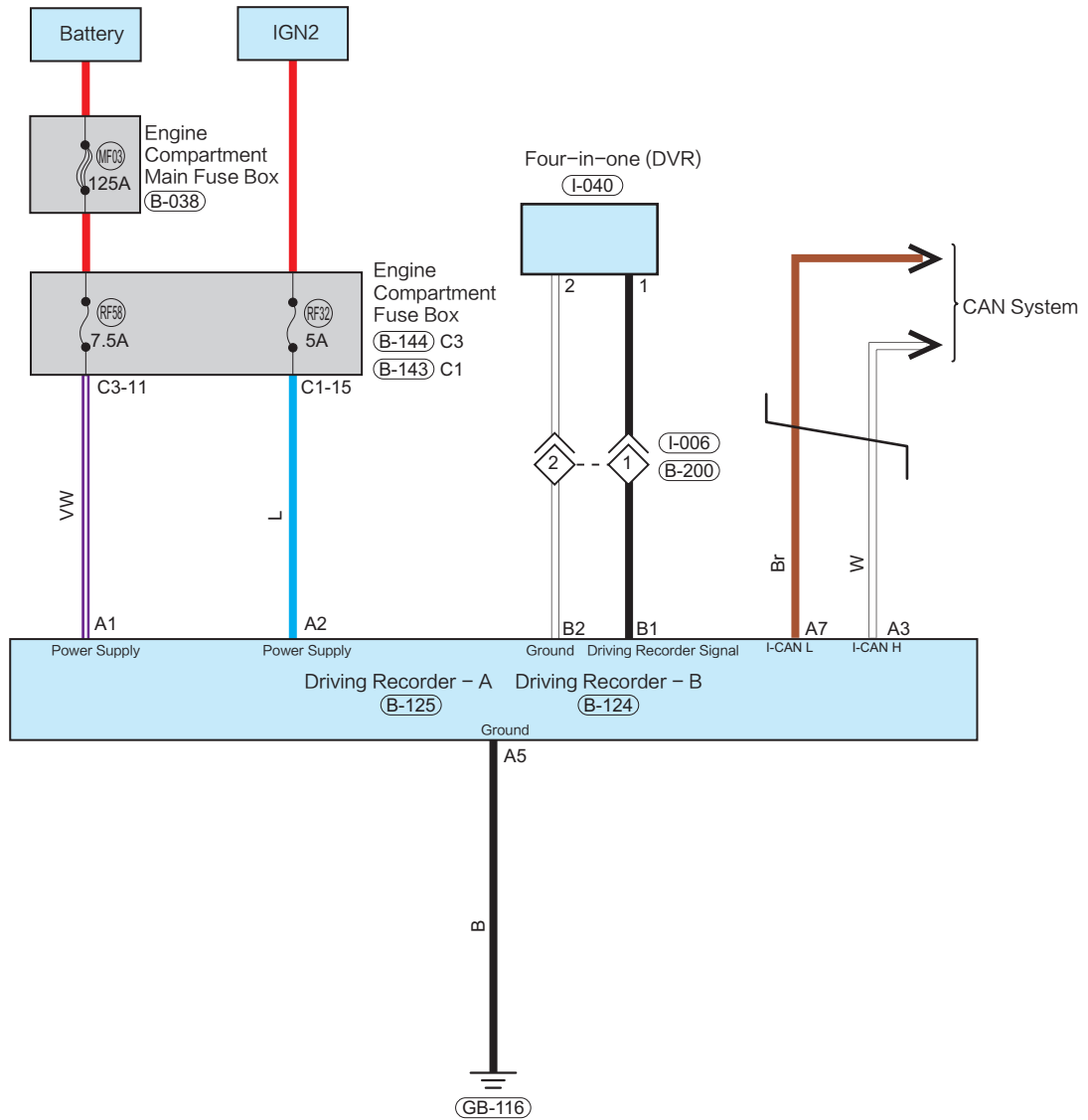
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## Power Back Door System (PLG)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-090	Luggage Compartment Light	10-53
B-139	Instrument Panel Fuse Box C2	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-146	BCM-5	10-56
B-171	Power Back Door Module 2	10-57
B-172	Power Back Door Module 1	10-58
B-179	Interior Floor Wire Harness to Back Door Wire Harness Connector 2	10-58
B-182	Interior Floor Wire Harness to Back Door Wire Harness Connector 1	10-58
B-234	Power Back Door Module 3	10-61
B-235	Power Back Door Main Shaft	10-61
GB-086	MHG2.9	10-53
GB-173	MHG2.12	10-58
T-001	Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-85
T-003	Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-85
T-008	Right Anti-pinch Sensor	10-85
T-010	Left Anti-pinch Sensor	10-85
T-017	Power Back Door Latch	10-85
T-023	Luggage Compartment OFF Switch	10-85

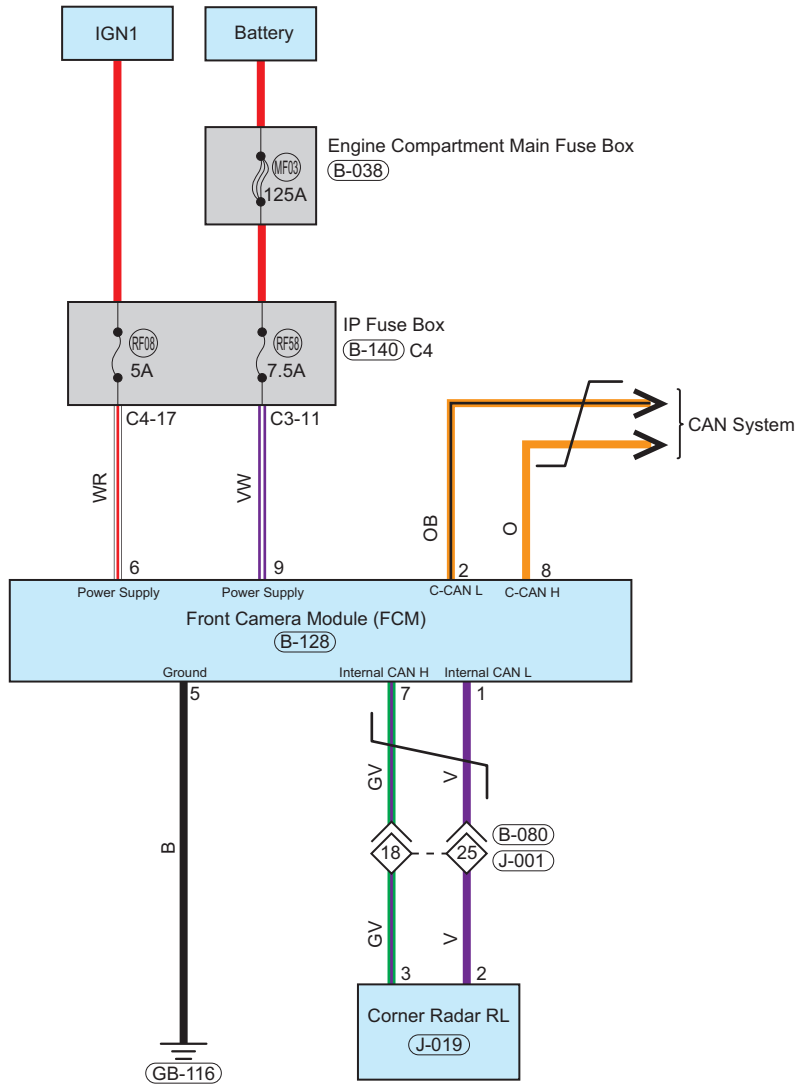
# Driving Recorder (DVR)



## Driving Recorder (DVR)

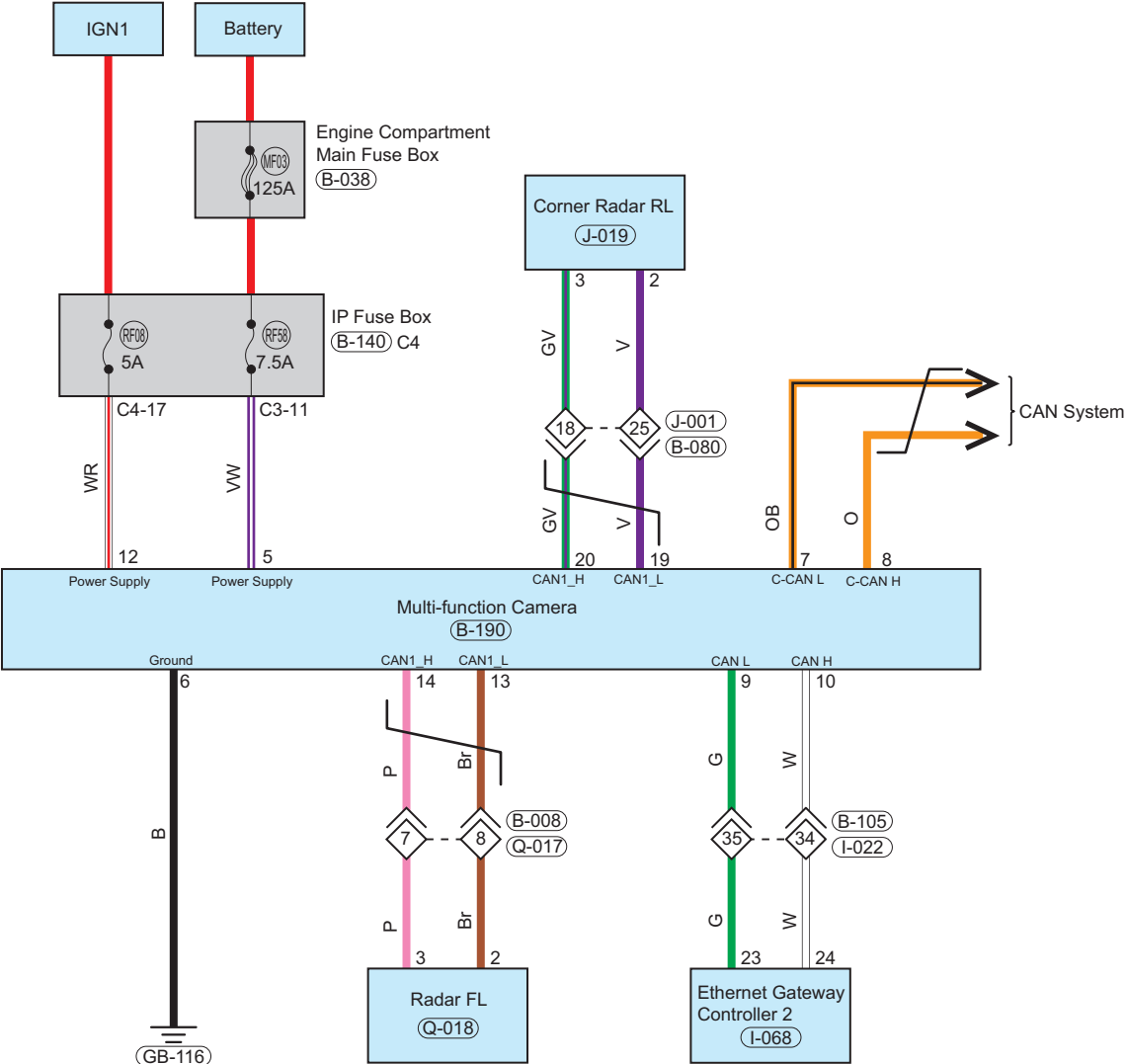
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-124	Driving Recorder - B	10-55
B-125	Driving Recorder - A	10-55
B-143	Instrument Panel Fuse Box C1	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-200	Interior Wire Harness to Instrument Panel Wire Harness DVR	10-59
GB-116	MHG2.4	10-54
I-006	Instrument Panel Wire Harness to Interior DVR	10-71
I-040	DMC TO AR/DVR/CVBox Four-in- one	10-73

# Front Camera System (FCM)





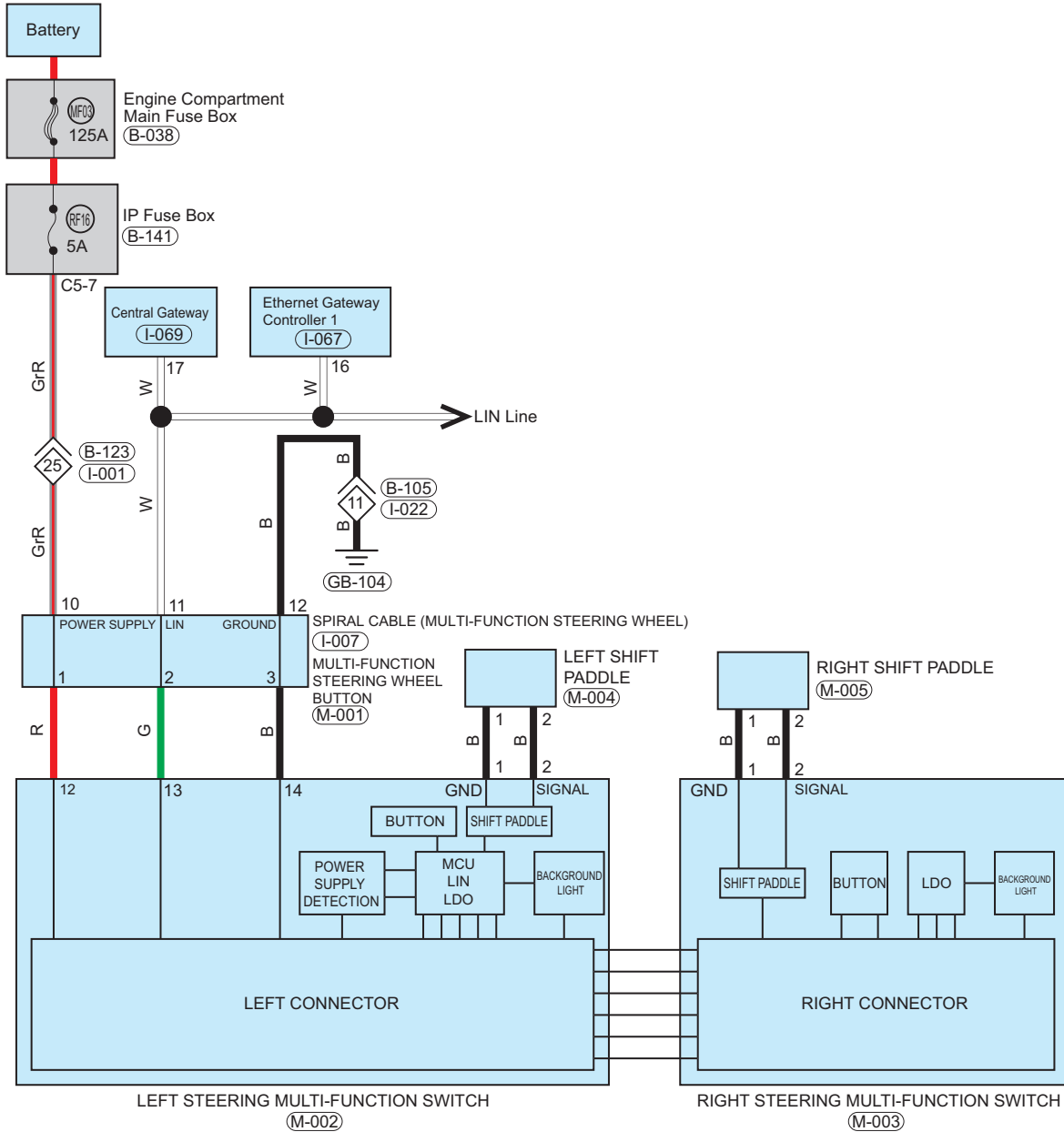
# Front Camera System (FCM)



## Front Camera System (FCM)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-128	Front Camera Module	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-190	Multi-function Camera	10-59
GB-116	MHG2.4	10-54
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-068	Ethernet Gateway Controller 2	10-74
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-019	Corner Radar RL	10-14

# Multi-function Steering Wheel (MFS)



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## Multi-function Steering Wheel (MFS)

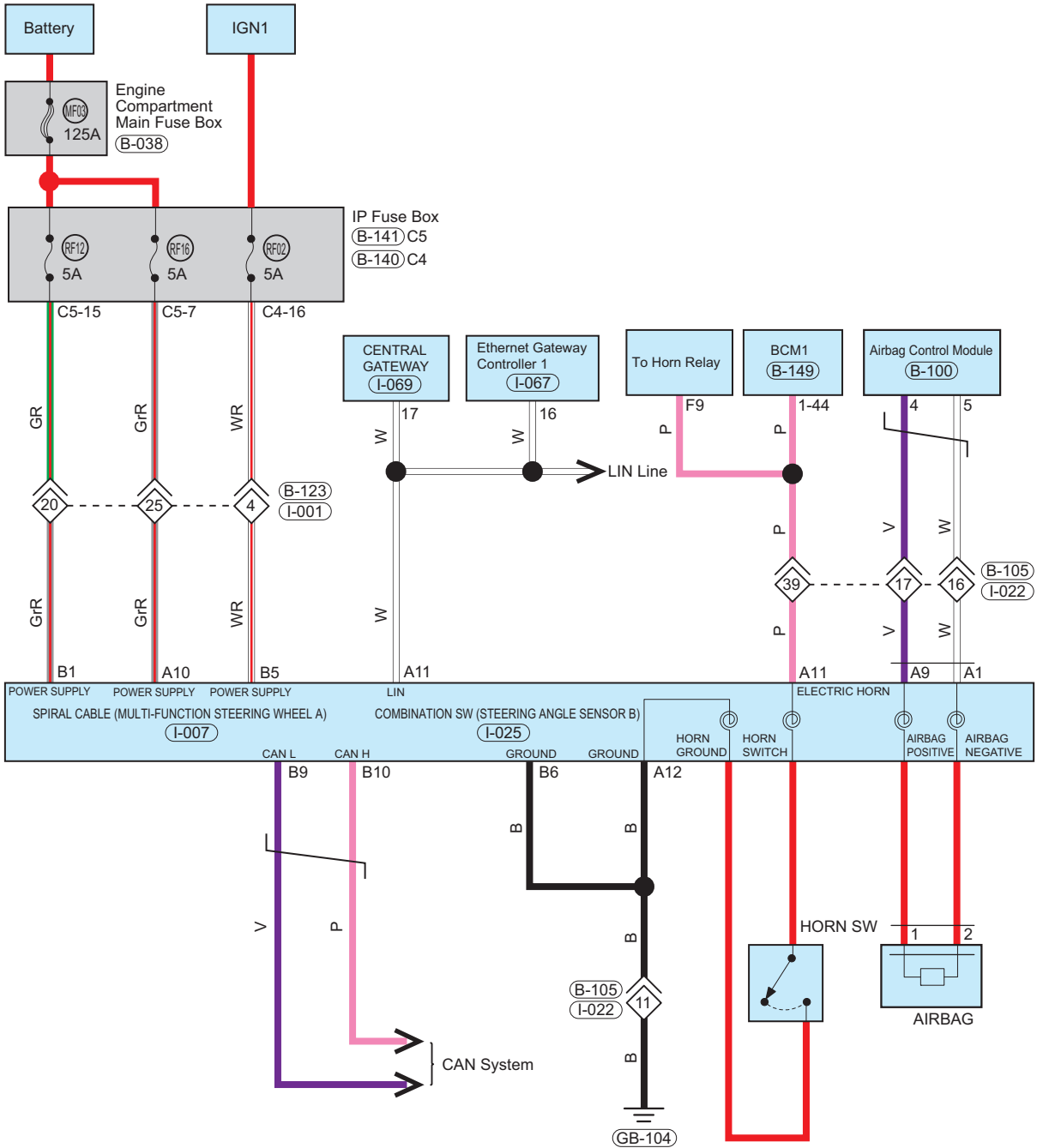
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-141	Instrument Panel Fuse Box C5	10-56
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-007	Spiral Cable	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74
M-001	Multi-function Steering Wheel Button	10-99
M-002	Left Steering Multi-function Switch	10-99
M-003	Right Steering Multi-function Switch	10-99
M-004	Left Shift Paddle	10-99
M-005	Right Shift Paddle	10-99



## Steering Wheel Heating

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-139	Instrument Panel Fuse Box C2	10-56
B-148	BCM-4	10-56
B-149	BCM-1	10-56
B-150	BCM-2	10-56
GB-116	MHG2.4	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-007	Spiral Cable	10-70
I-026	Steering Wheel Heating	10-72
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74

# Steering Angle Sensor (SCM)



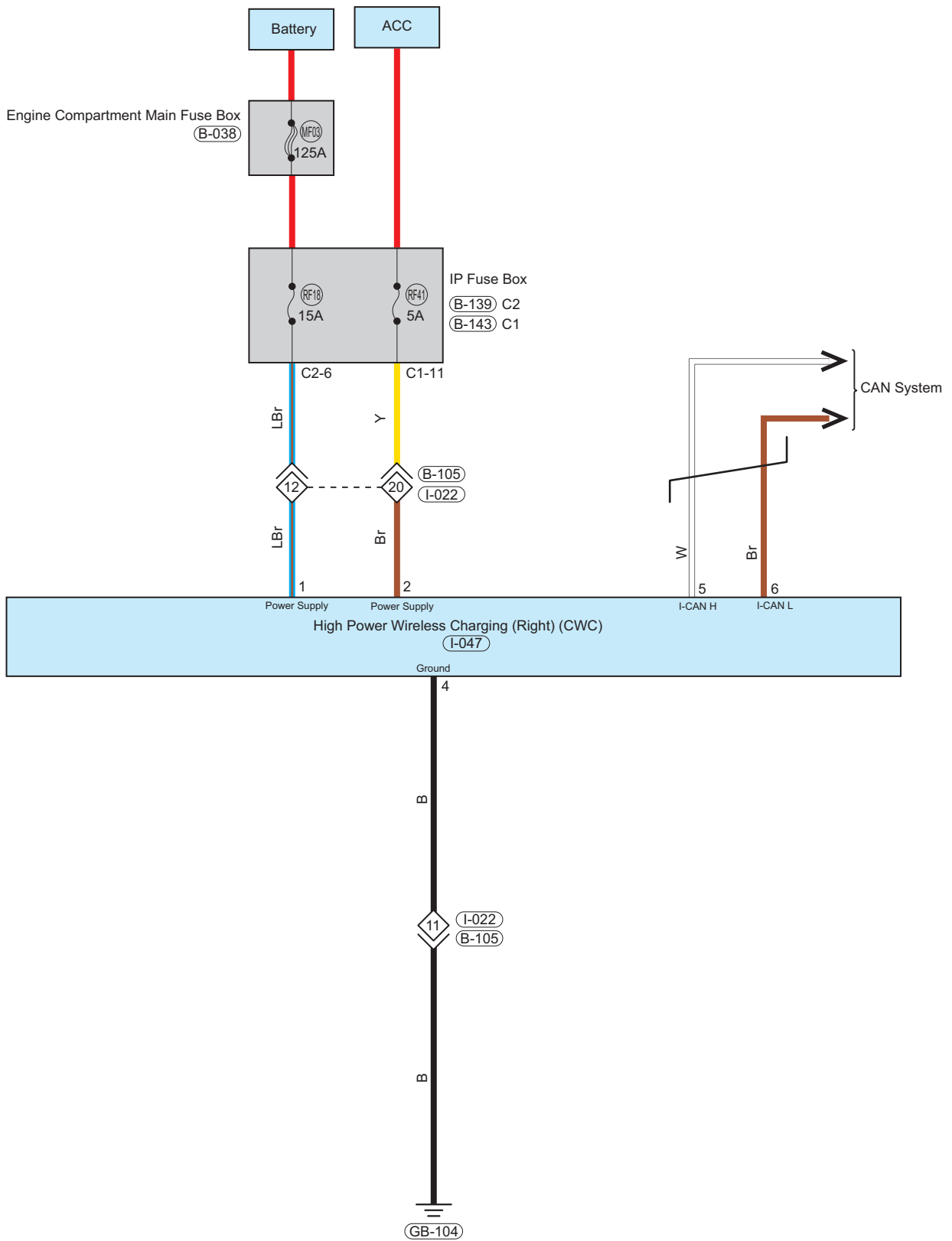
OTE005001

## Steering Angle Sensor (SCM)

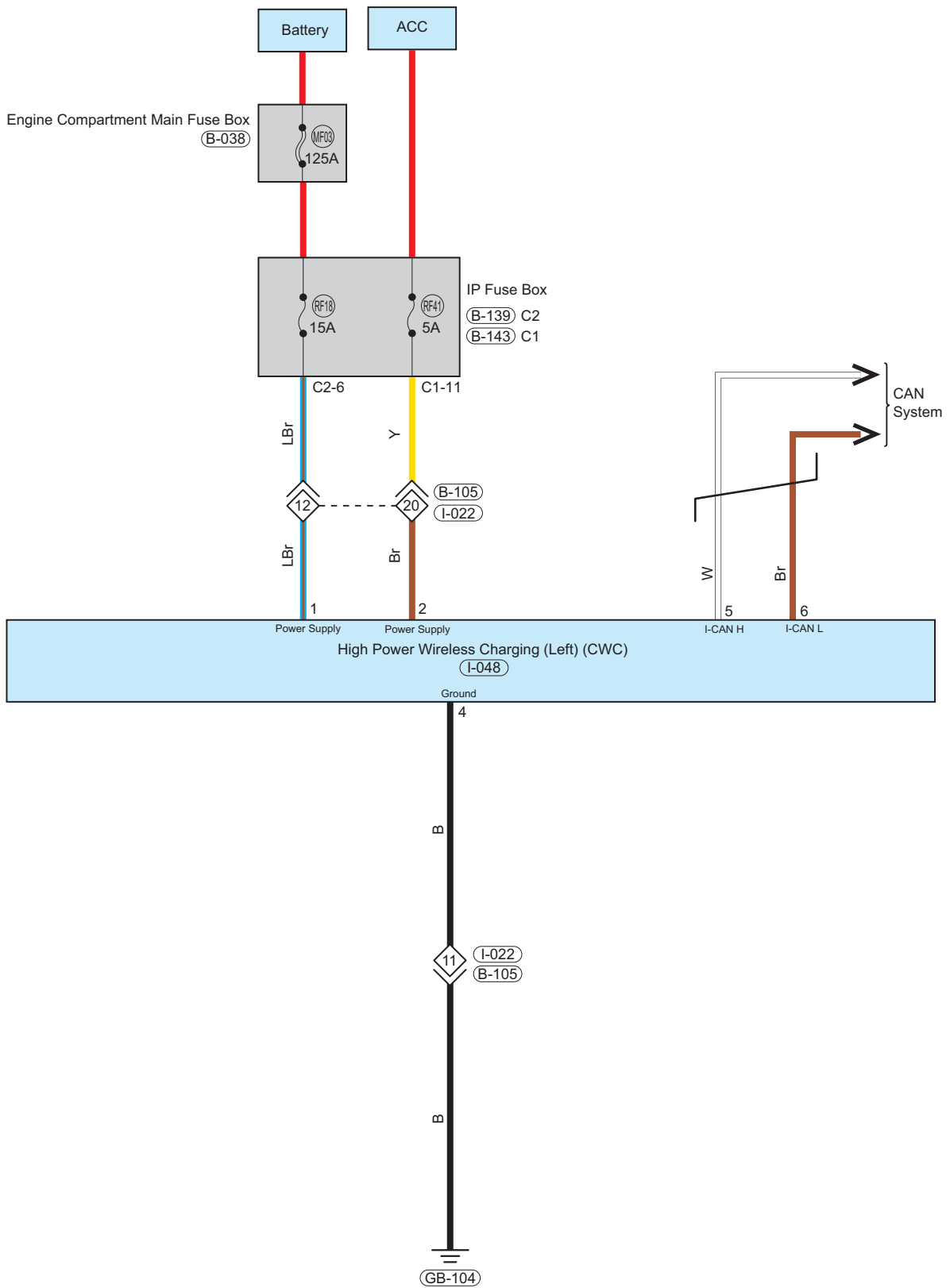
Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-100	Airbag Control Module	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-141	Instrument Panel Fuse Box C5	10-56
B-149	BCM-1	10-56
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-007	Spiral Cable	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-025	Combination SW	10-72
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74



# Wireless Charging System (CWC)



# Wireless Charging System (CWC)



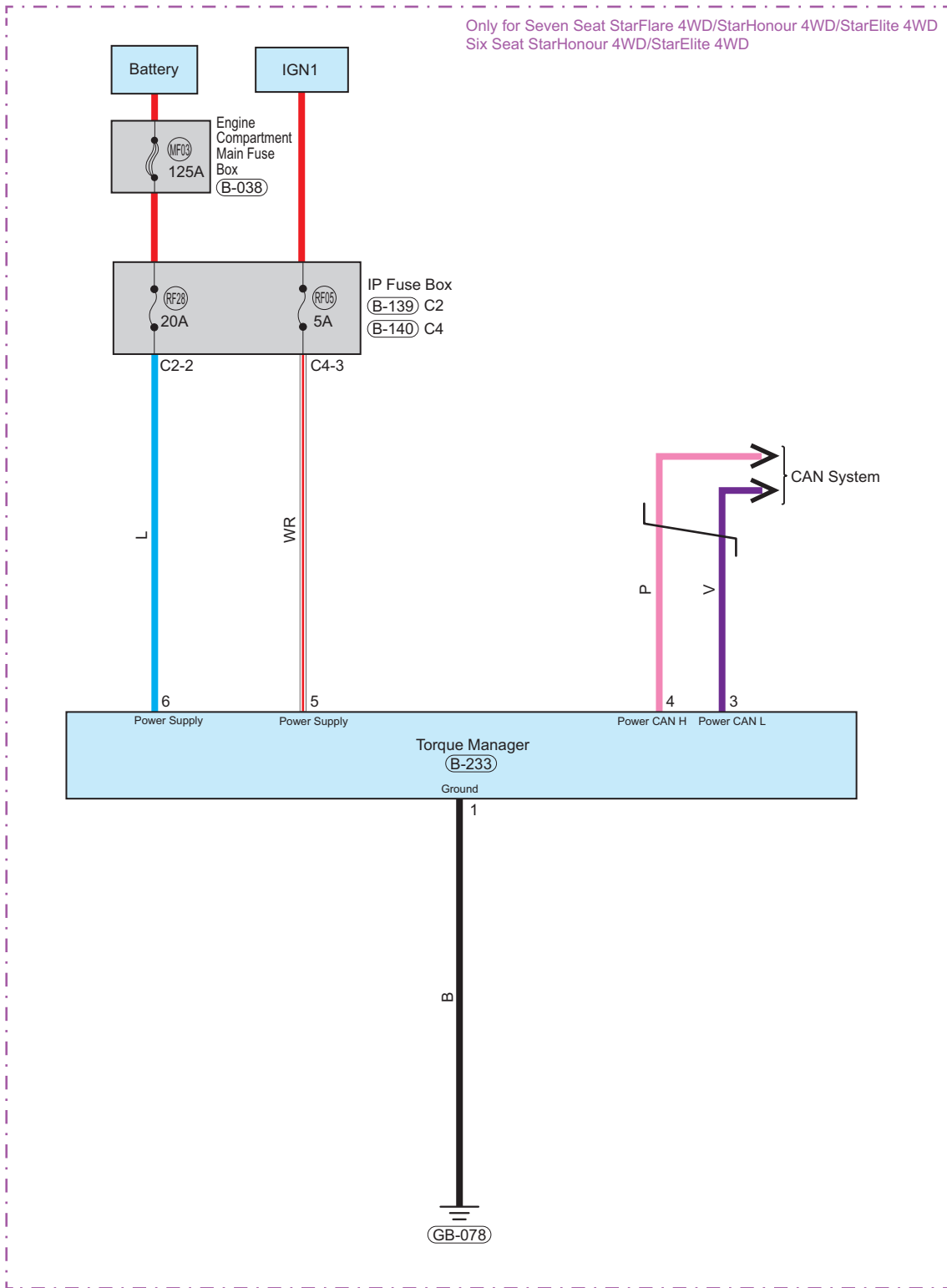
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## Wireless Charging System (CWC)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-139	Instrument Panel Fuse Box C2	10-56
B-143	Instrument Panel Fuse Box C1	10-56
GB-104	MHG2.53	10-54
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-047	High Power Wireless Charging Right	10-73
I-048	High Power Wireless Charging Left	10-73

# Torque Manager

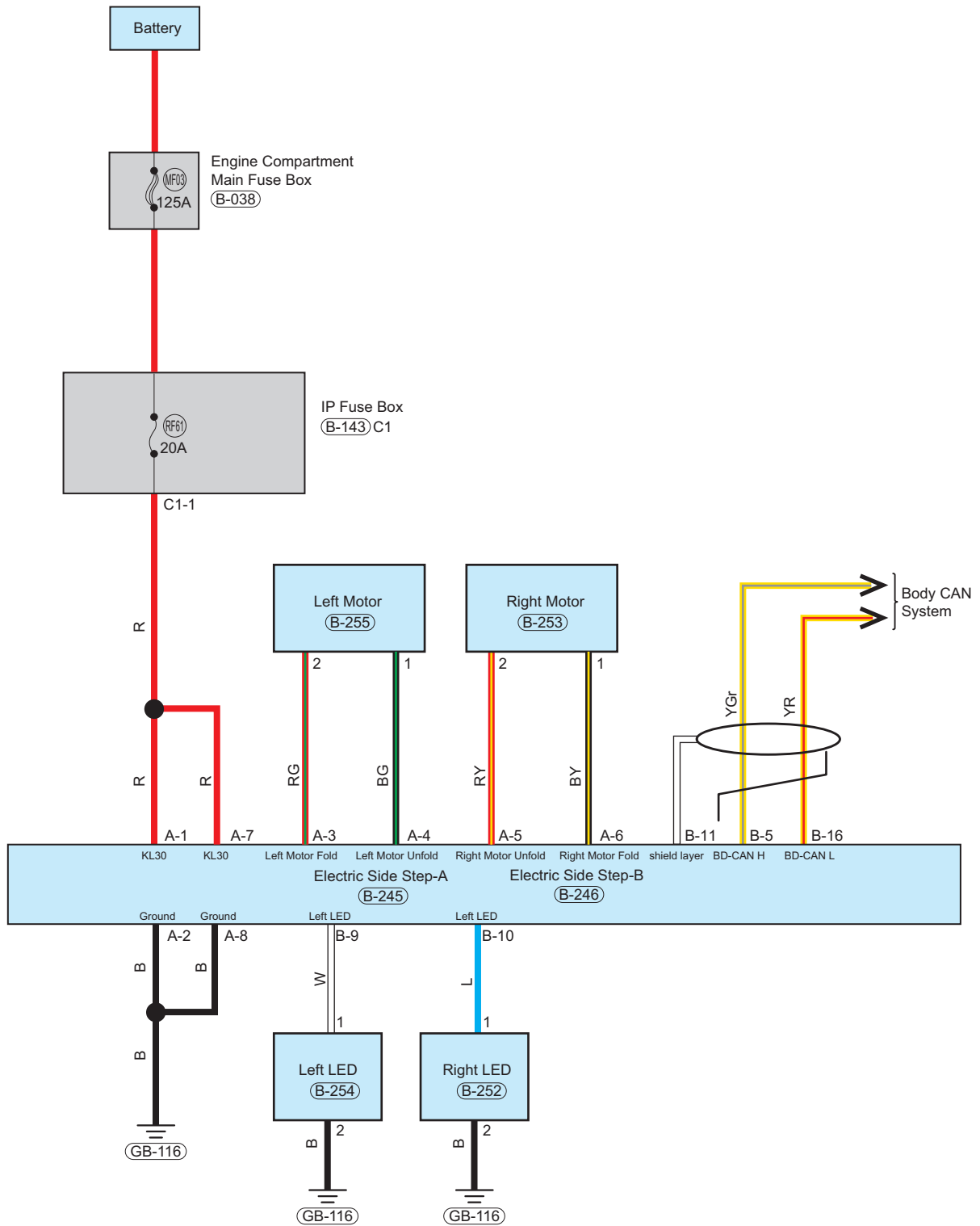


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## Torque Manager

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
B-038	IP F/R Box Power Supply	10-51
B-139	Instrument Panel Fuse Box C2	10-56
B-140	Instrument Panel Fuse Box C4	10-56
B-233	AWD Control GenVI	10-61
GB-078	MHG2.7	10-53

# Side Step Pedal



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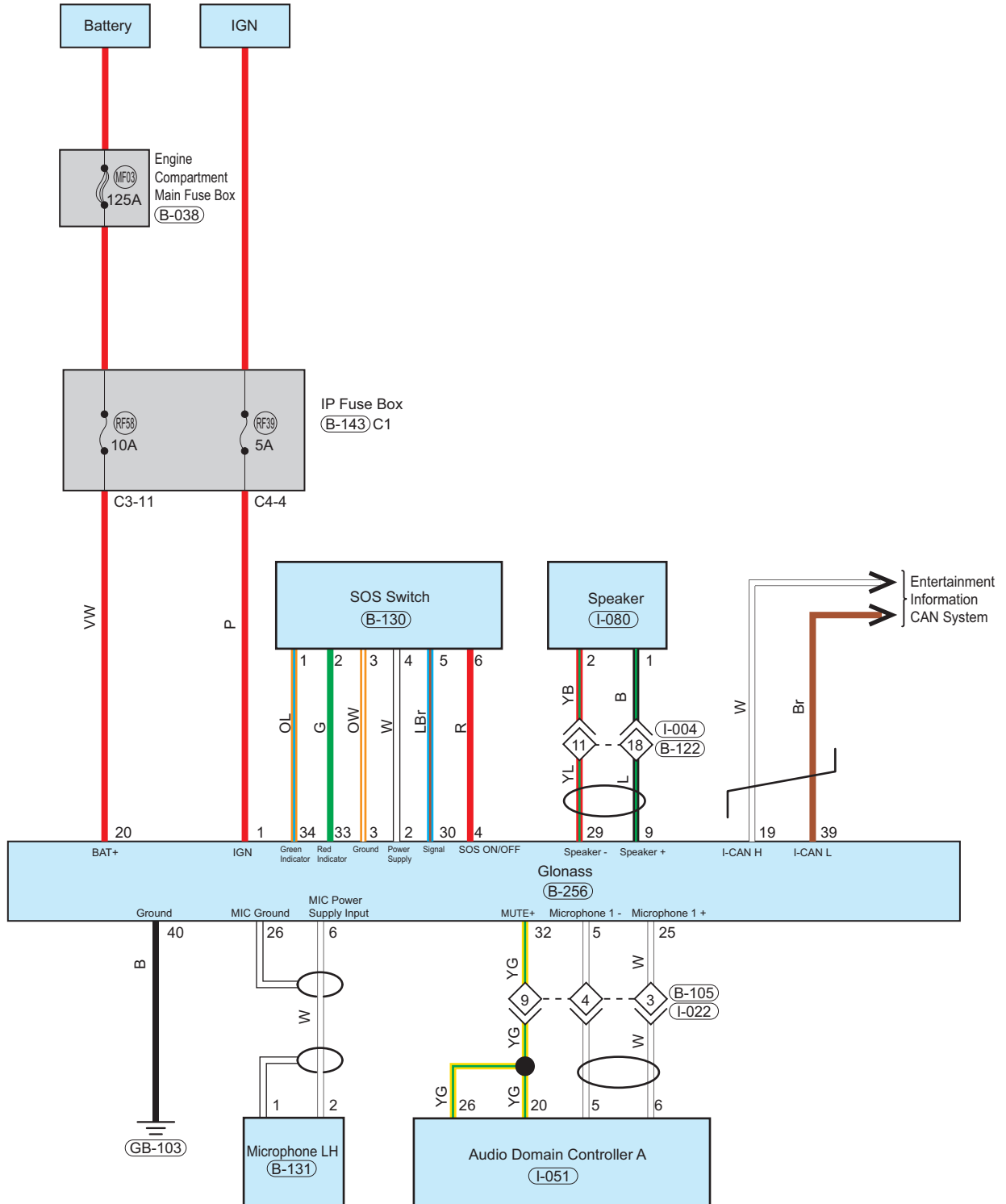
ESS001001

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## Side Step Pedal

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-143	Instrument Panel Fuse Box C1	10-56
B-245	Electric Side Step-A	10-61
B-246	Electric Side Step-B	10-61
B-252	Right LED	10-61
B-253	Right Motor	10-61
B-254	Left LED	10-61
B-255	Left Motor	10-61
GB-116	MHG2.4	10-54

# Glonass



11

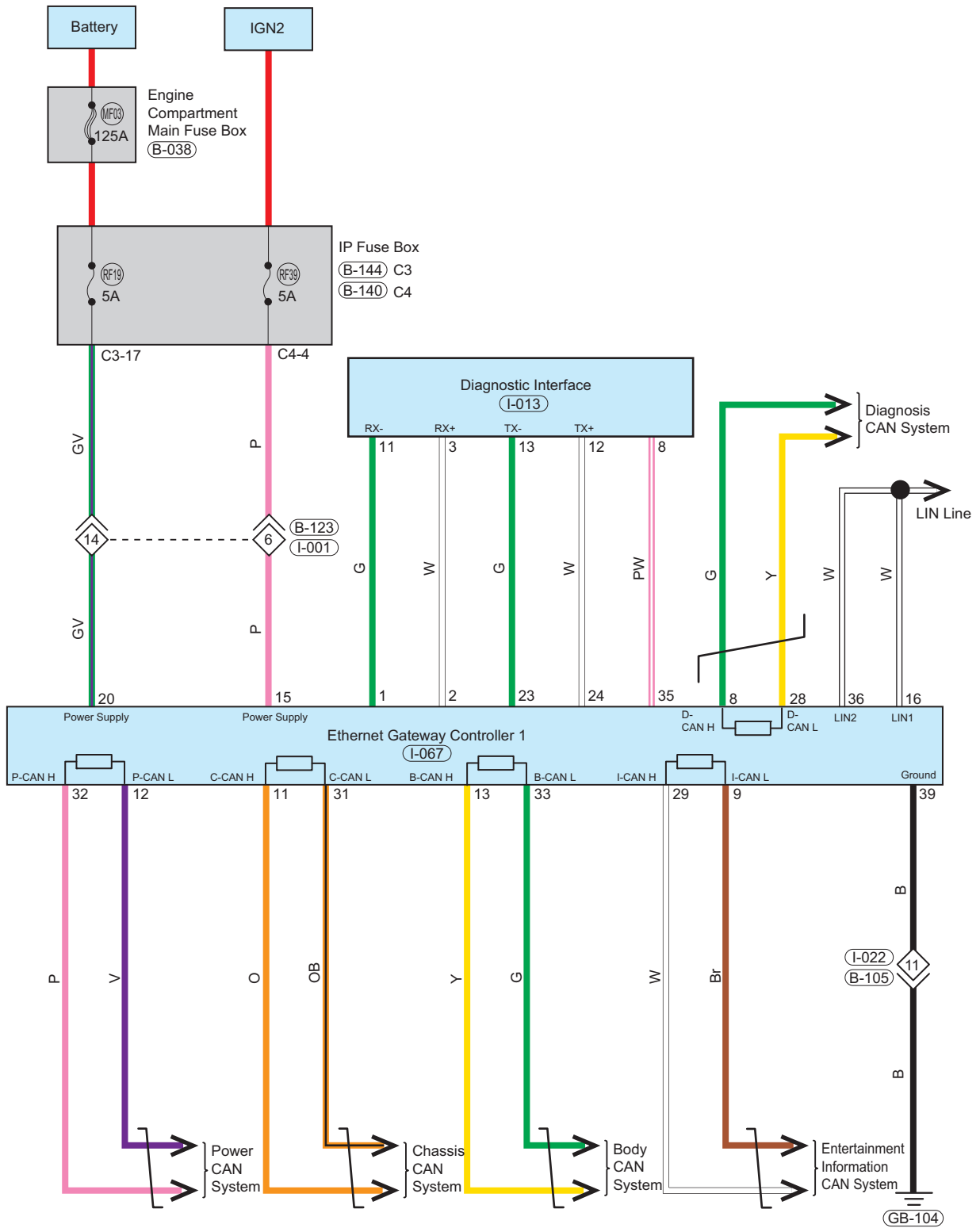
SOS001001



## Glonass

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-130	SOS Switch	10-55
B-131	Microphone LH	10-56
B-143	Instrument Panel Fuse Box C1	10-56
B-256	Glonass	10-61
GB-103	MHG2.51	10-54
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-051	Audio Domain Controller A	10-73
I-080	Speaker	10-74

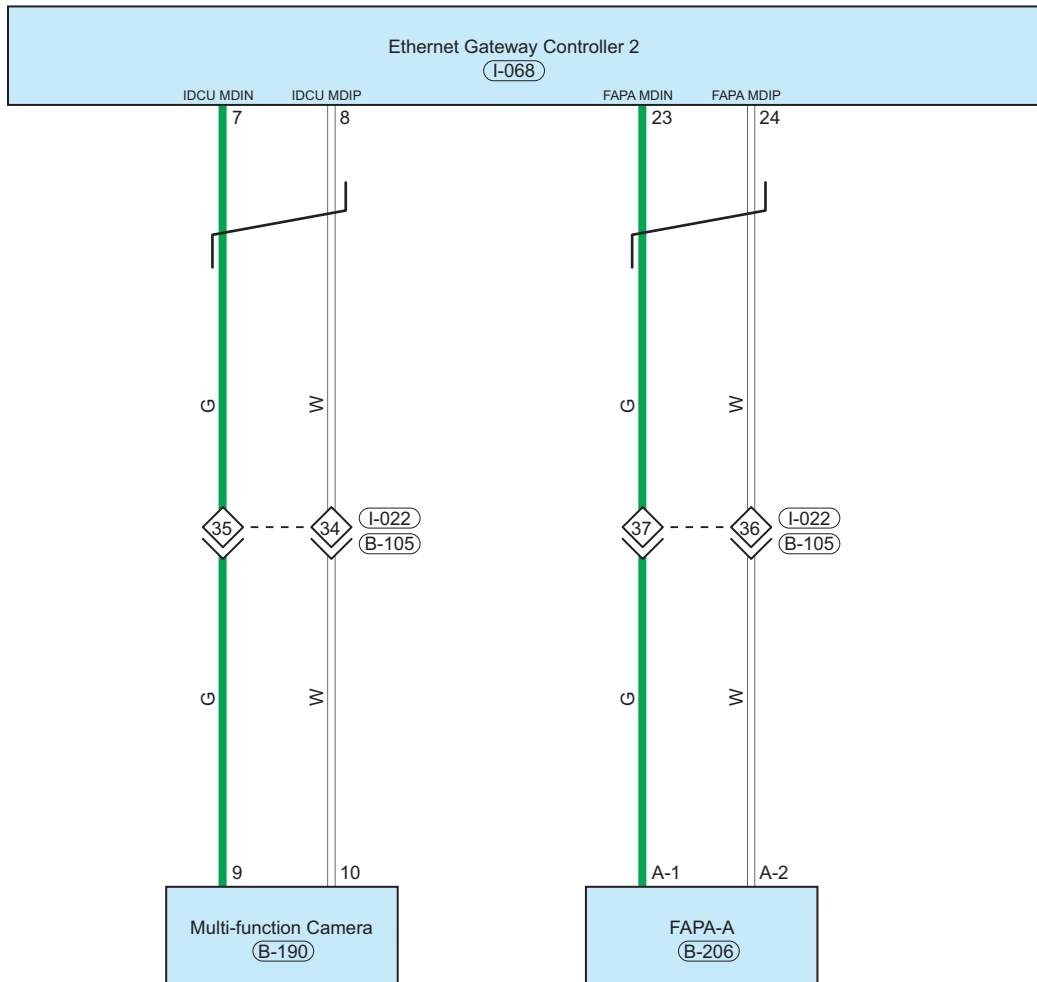
# Ethernet Gateway Controller (EGW)



11

EGE001001

# Ethernet Gateway Controller (EGW)



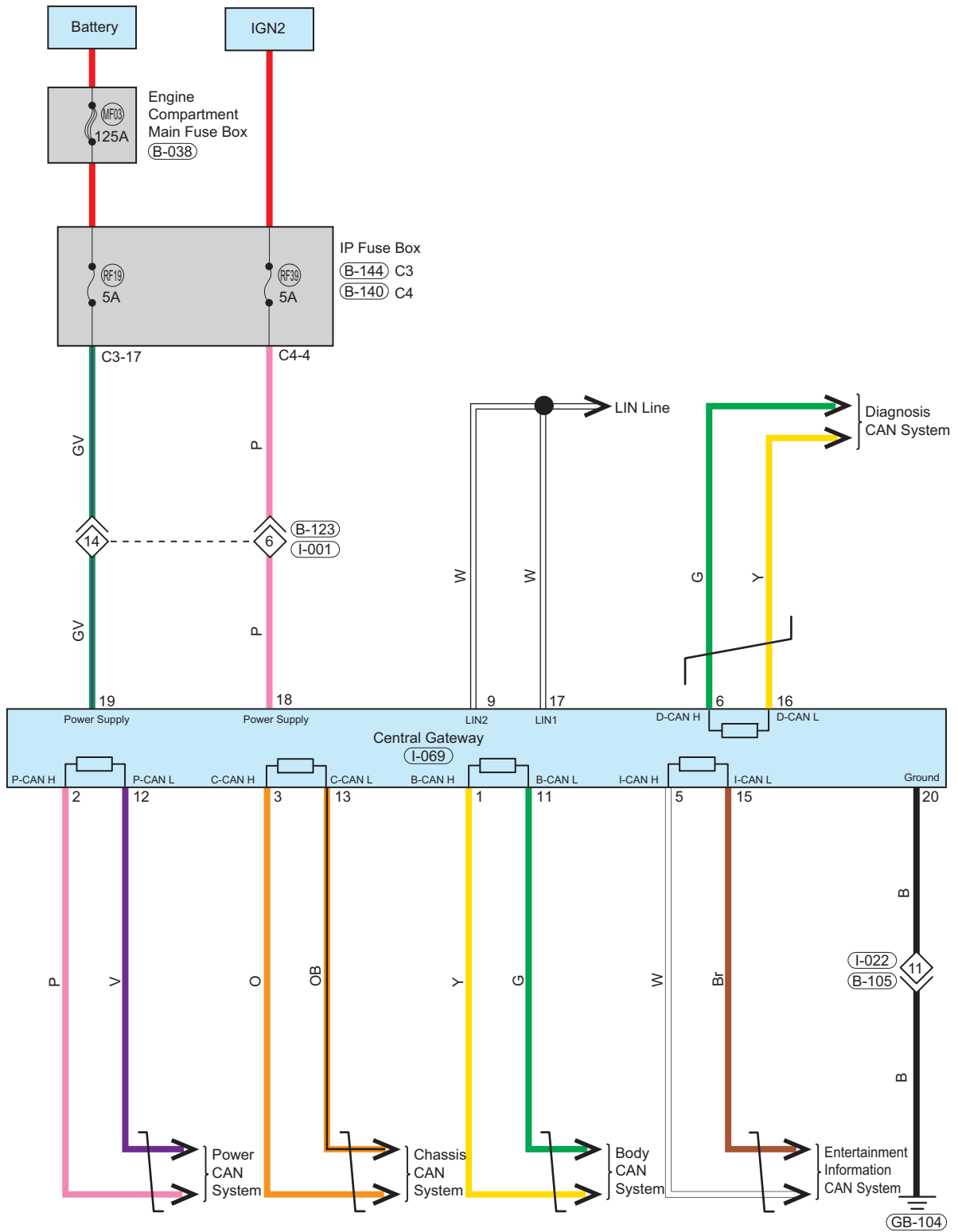
11

EGE002001

## Ethernet Gateway Controller (EGW)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
B-190	Multi-function Camera	10-59
B-206	FAPA Control Module A	10-59
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-013	Diagnostic Interface	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-067	Ethernet Gateway Controller 1	10-74
I-068	Ethernet Gateway Controller 2	10-74

# Central Gateway (CGW)

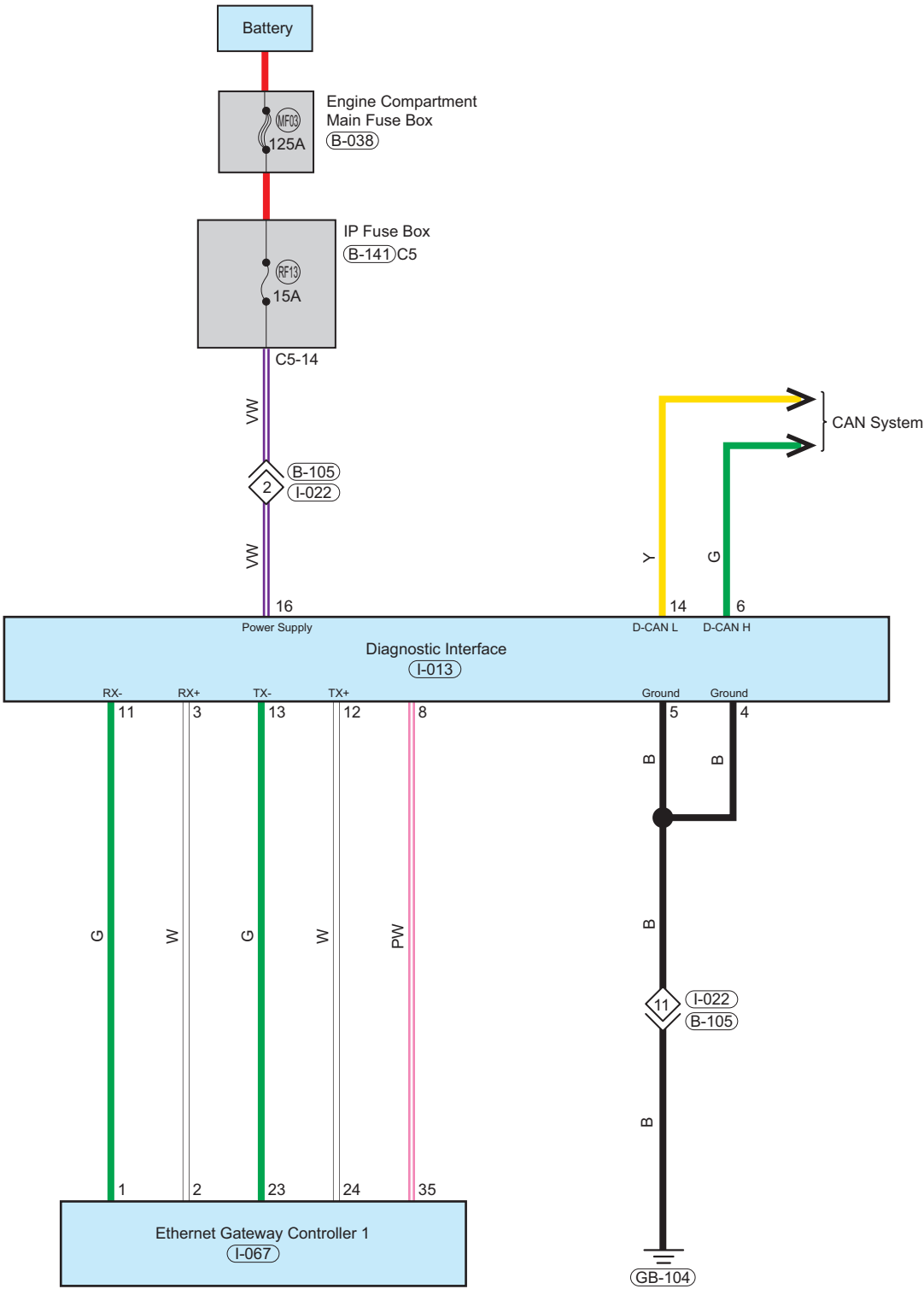


CGE001001

## Central Gateway (CGW)

Wire Harness Connector	Name	Page Number
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-140	Instrument Panel Fuse Box C4	10-56
B-144	Instrument Panel Fuse Box C3	10-56
GB-104	MHG2.53	10-54
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-069	Central Gateway	10-74

# Diagnostic Interface



11

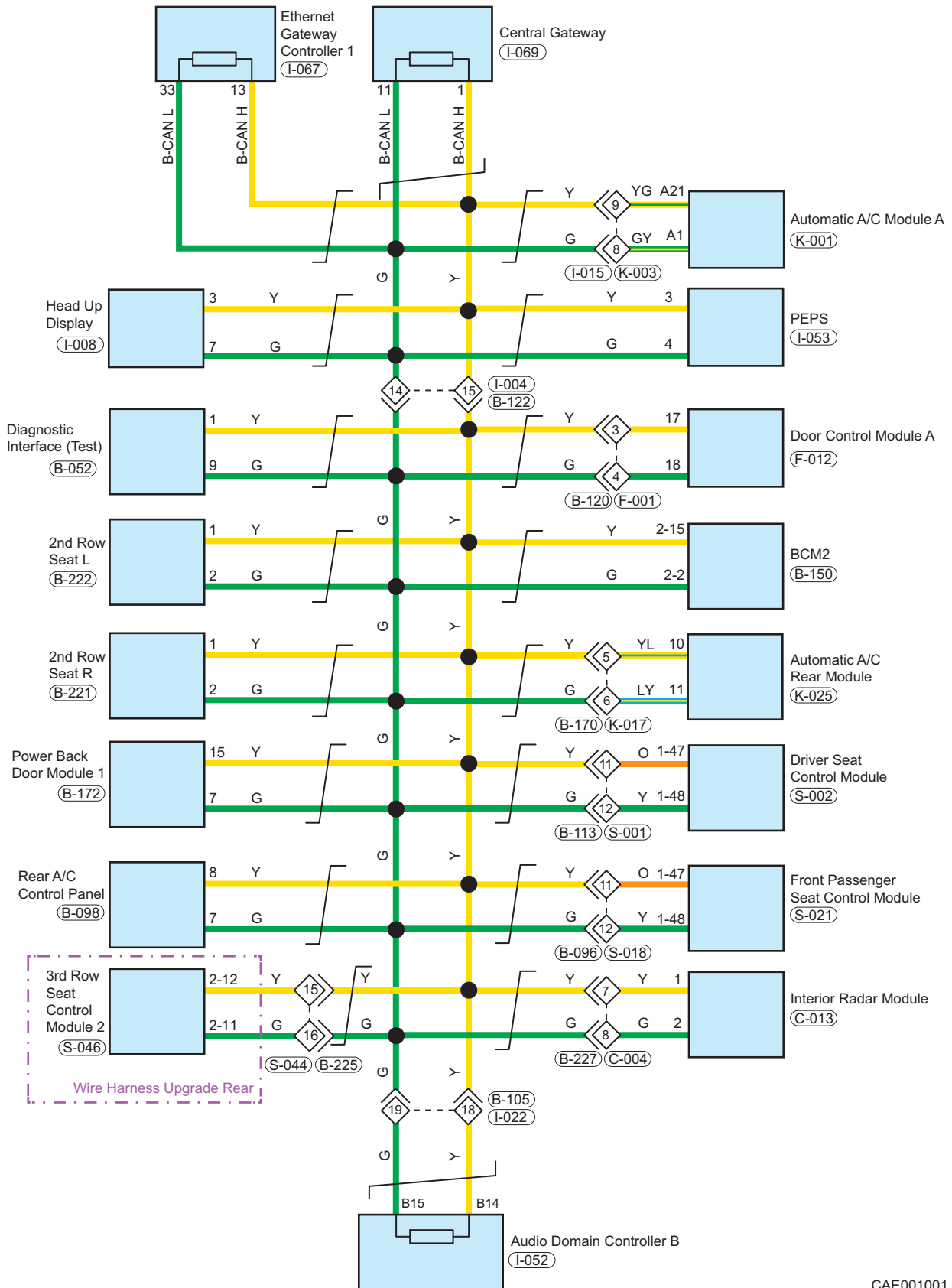
OBE001001

## Diagnostic Interface

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
B-038	IP F/R Box Power Supply	10-51
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-141	Instrument Panel Fuse Box C5	10-56
GB-104	MHG2.53	10-54
I-013	Diagnostic Interface	10-71
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-067	Ethernet Gateway Controller 1	10-74

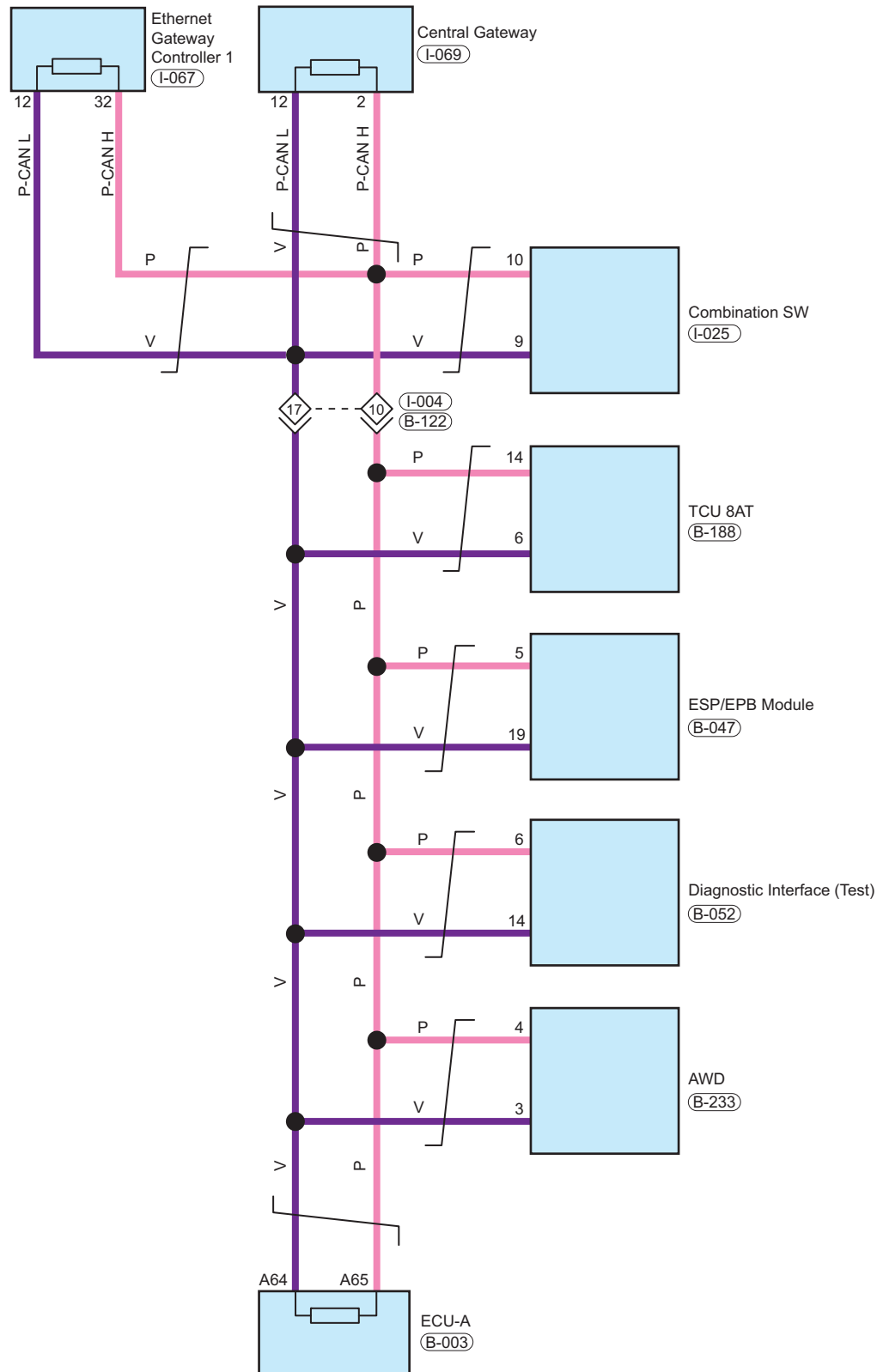


# CAN System (Body CAN)



CAE001001

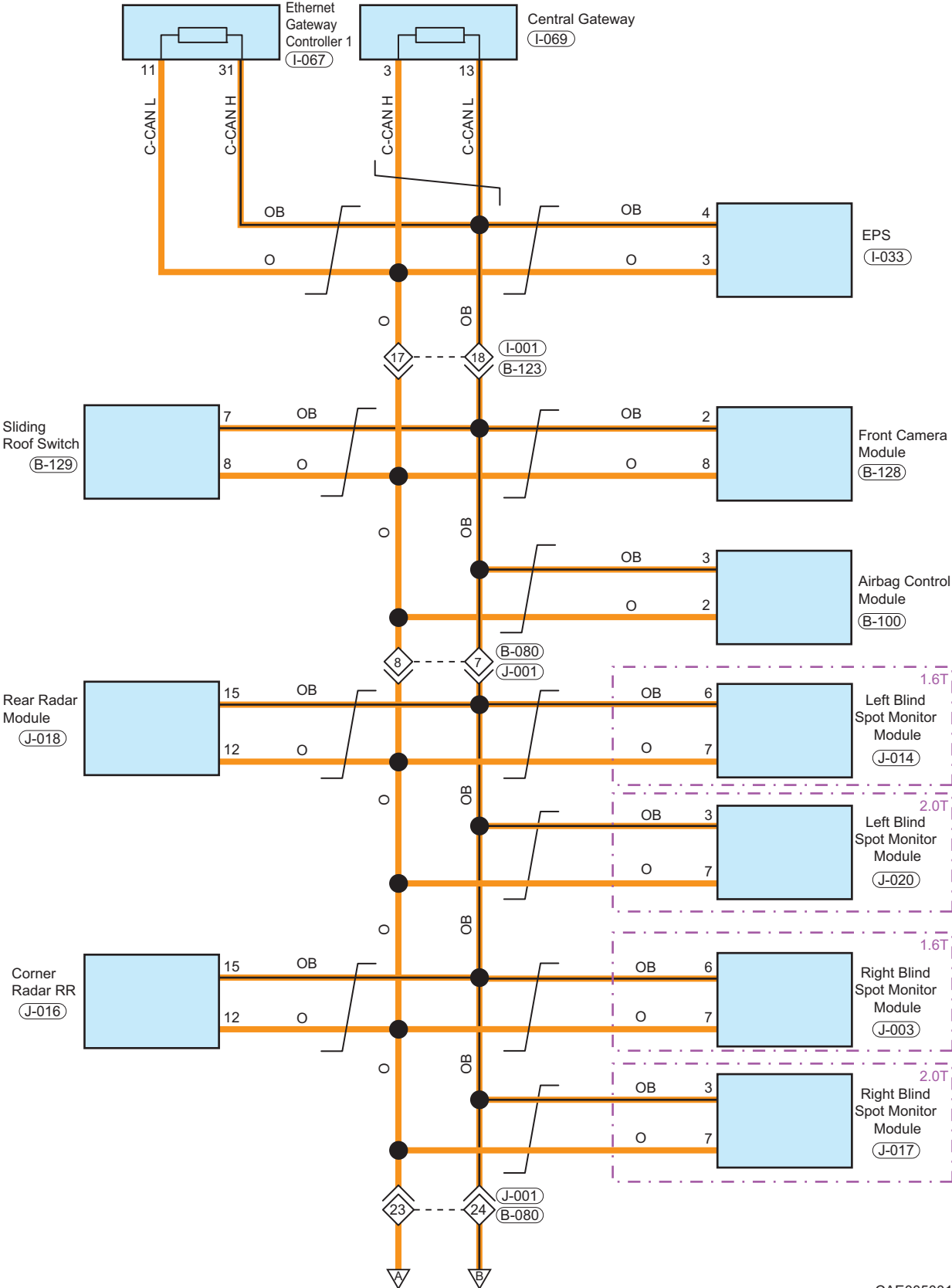
# CAN System (Power CAN)



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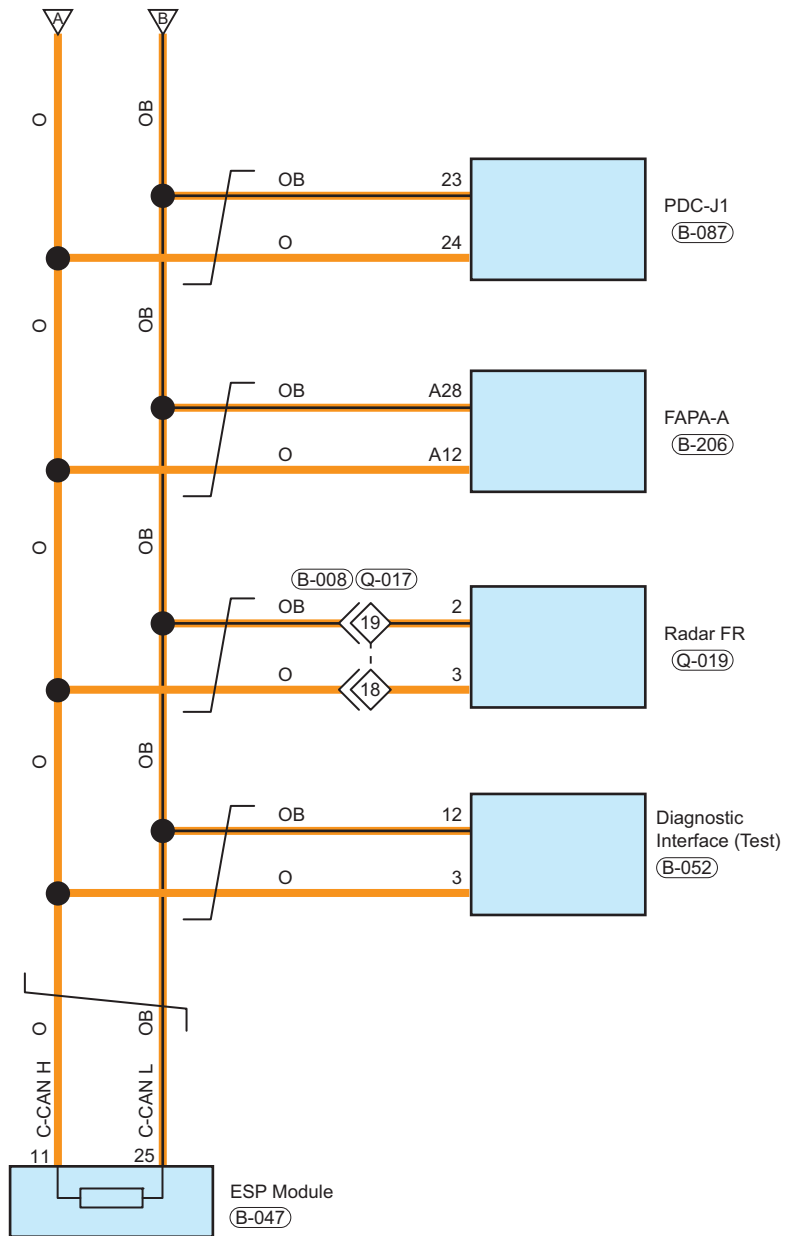
CAE003001

# CAN System (Chassis CAN)



CAE005001

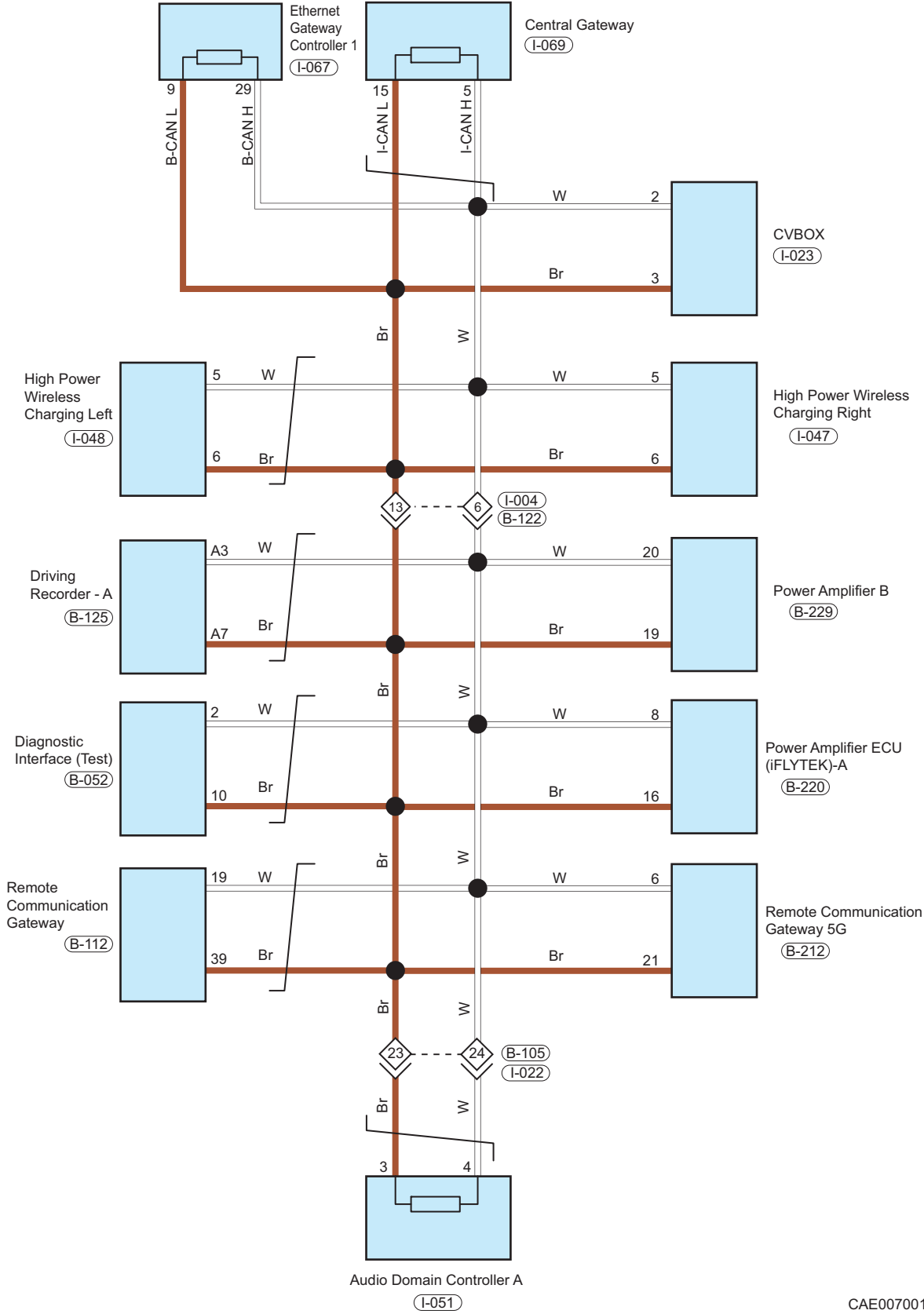
# CAN System (Entertainment Information CAN)



11

CAE005002

# CAN System (Entertainment Information CAN)



## CAN System

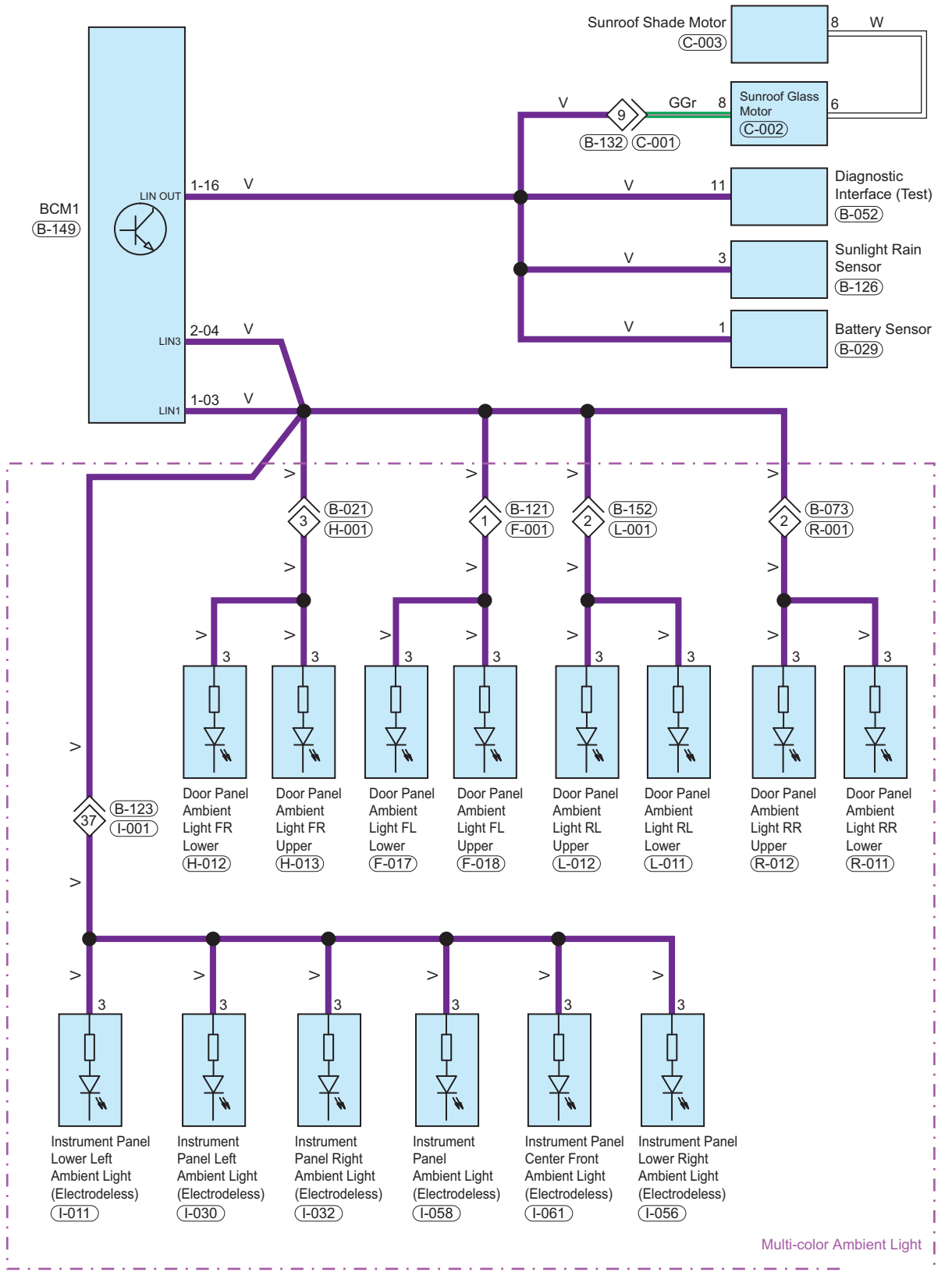
Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-047	ESP Module	10-51
B-052	Diagnostic Interface (Test)	10-51
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-087	PDC-J1	10-53
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness Connector	10-53
B-098	Rear A/C Control Panel	10-54
B-100	Airbag Control Module	10-54
B-105	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector	10-54
B-112	Remote Communication Gateway	10-54
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness Connector	10-54
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-55
B-122	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 2 (Left Side)	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-125	Driving Recorder - A	10-55
B-128	Front Camera Module	10-55
B-129	Sliding Roof Switch	10-55
B-150	BCM-2	10-56
B-170	Automatic A/C Rear Module	10-57
B-172	Power Back Door Module 1	10-58
B-188	Transmission Control Module (TCU 8AT)	10-58
B-206	FAPA Control Module A	10-59
B-212	Remote Communication Gateway 5G T-BOX Module Connector	10-59
B-220	Power Amplifier ECU (iFLYTEK)-A	10-60
B-221	R 2nd Row Seat INLINE	10-60

Wire Harness Connector	Name	Page Number
B-222	L 2nd Row Seat INLINE	10-60
B-225	3rd Row Left Seat	10-60
B-227	Interior Wire Harness to Roof Wire Harness	10-60
B-229	Power Amplifier B	10-60
B-233	AWD Control GenVI	10-61
C-004	Roof to Main Wire Harness Roof Wire Harness to Interior Wire Harness	10-98
C-013	Interior Radar Module	10-98
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-012	Door Control Module A	10-76
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-004	Instrument Panel Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-71
I-008	Head Up Display	10-70
I-015	Front A/C Wire Harness Interface	10-70
I-022	Instrument Panel Wire Harness to Interior Floor Wire Harness Interface 3	10-72
I-023	CVBOX	10-72
I-025	Combination SW	10-72
I-033	Electric Power Steering EPS-S	10-72
I-047	High Power Wireless Charging Right	10-73
I-048	High Power Wireless Charging Left	10-73
I-051	Audio Domain Controller A	10-73
I-052	Audio Domain Controller B	10-73
I-053	PEPS	10-73
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-016	Corner Radar RR	10-14
J-017	Right Blind Spot Detection Module	10-14

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
J-018	Rear Radar Module	10-14
J-020	Left Blind Spot Detection Module	10-14
K-001	Automatic A/C Module A	10-88
K-003	A/C Wire Harness to Instrument Panel Wire Harness Interface	10-88
K-017	Rear A/C Wire Harness to Interior Wire Harness Interface	10-88
K-025	Rear A/C Control Module	10-88
S-008	Front Left ECU A	10-95
S-018	Front Left Vehicle Interface	10-95
S-026	Front Right Vehicle Interface	10-96
S-035	Front Right ECU A	10-96

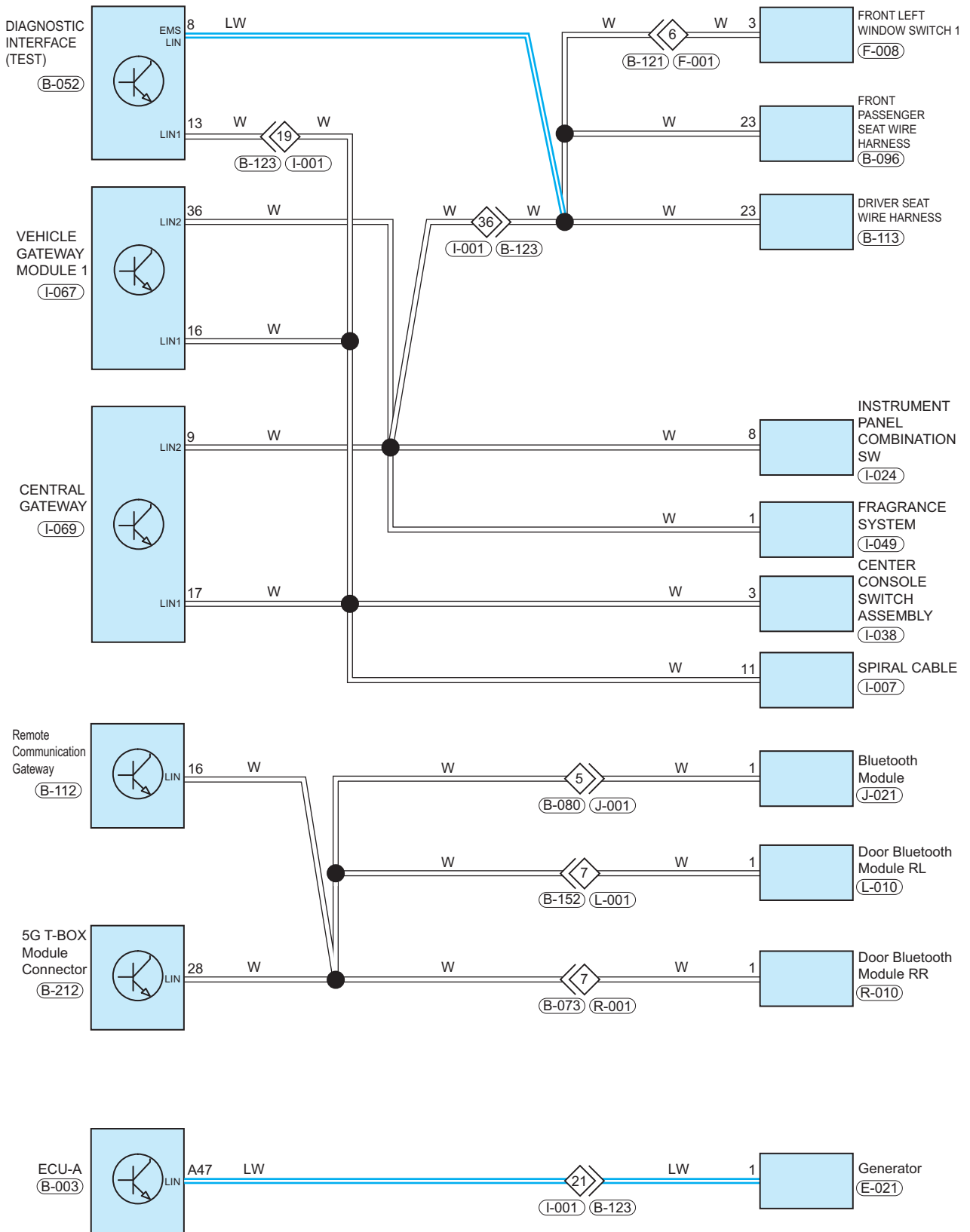


LIN Line



LIN001001

# LIN Line



LIN002001

## LIN Line

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-49
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-50
B-029	Battery Sensor	10-50
B-052	Diagnostic Interface (Test)	10-51
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-52
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-53
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness Connector	10-53
B-112	Remote Communication Gateway	10-54
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness Connector	10-54
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-55
B-123	Interior Floor Wire Harness to Instrument Panel Wire Harness Connector 1 (Left Side)	10-55
B-126	Sunlight Rain Sensor	10-55
B-149	BCM-1	10-56
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-57
B-212	Remote Communication Gateway 5G T-BOX Module Connector	10-59
E-021	Alternator Excitation	10-5
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-76
F-008	Front Left Window Switch 1	10-76
F-017	Door Panel Ambient Light FL Lower	10-76
F-018	Door Panel Ambient Light FL Upper	10-76
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-78

Wire Harness Connector	Name	Page Number
H-012	Door Panel Ambient Light FR Lower	10-78
H-013	Door Panel Ambient Light FR Upper	10-78
I-001	Instrument Panel Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-70
I-007	Spiral Cable	10-70
I-011	Instrument Panel Lower Left Ambient Light (Electrodeless)	10-71
I-024	Instrument Panel Combination SW	10-72
I-030	Instrument Panel Left Ambient Light (Electrodeless)	10-72
I-032	Instrument Panel Right Ambient Light (Electrodeless)	10-72
I-038	Central Console Switch Assembly	10-72
I-049	Fragrance System	10-73
I-056	Instrument Panel Lower Right Ambient Light (Electrodeless)	10-73
I-058	Instrument Panel Ambient Light (Electrodeless)	10-74
I-061	Instrument Panel Center Front Ambient Light (Electrodeless)	10-74
I-067	Ethernet Gateway Controller 1	10-74
I-069	Central Gateway	10-74
I-074	Instrument Panel Right Ambient Light	10-74
I-076	Auxiliary Fascia Console Ambient Light	10-74
I-079	Instrument Panel Left Ambient Light	10-74
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-14
J-021	Bluetooth Module	10-14
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-80
L-010	Door Bluetooth Module RL	10-80
L-011	Door Panel Ambient Light RL Lower	10-80
L-012	Door Panel Ambient Light RL Upper	10-80

<b>Wire Harness Connector</b>	<b>Name</b>	<b>Page Number</b>
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-82
R-010	Door Bluetooth Module RR	10-82
R-011	Door Panel Ambient Light RR Lower	10-82
R-012	Door Panel Ambient Light RR Upper	10-82

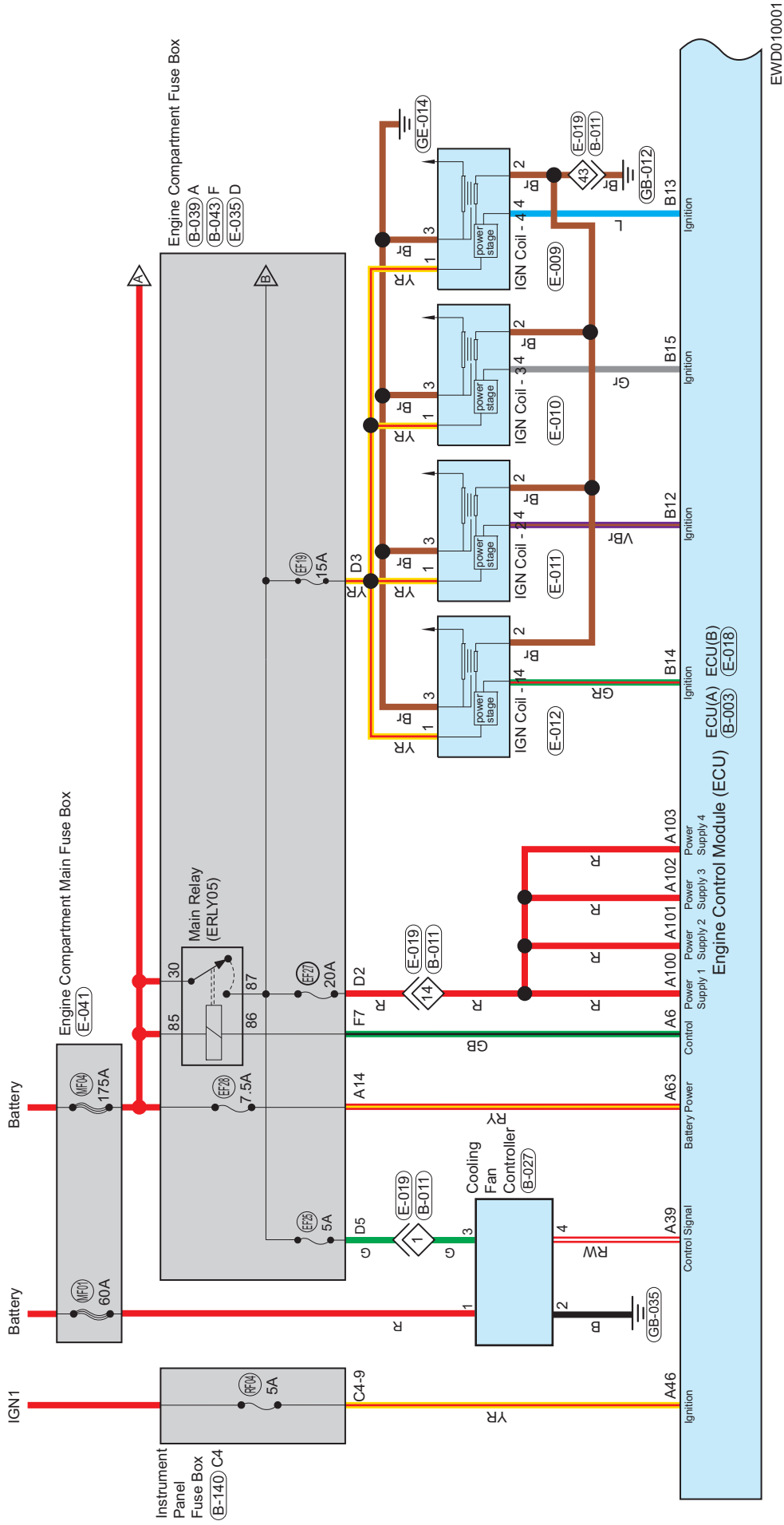
# Overall Circuit Diagram

## 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 the operation of the malfunction circuit (Refer to "System Circuits" or circuit diagrams in the relevant repair manual).

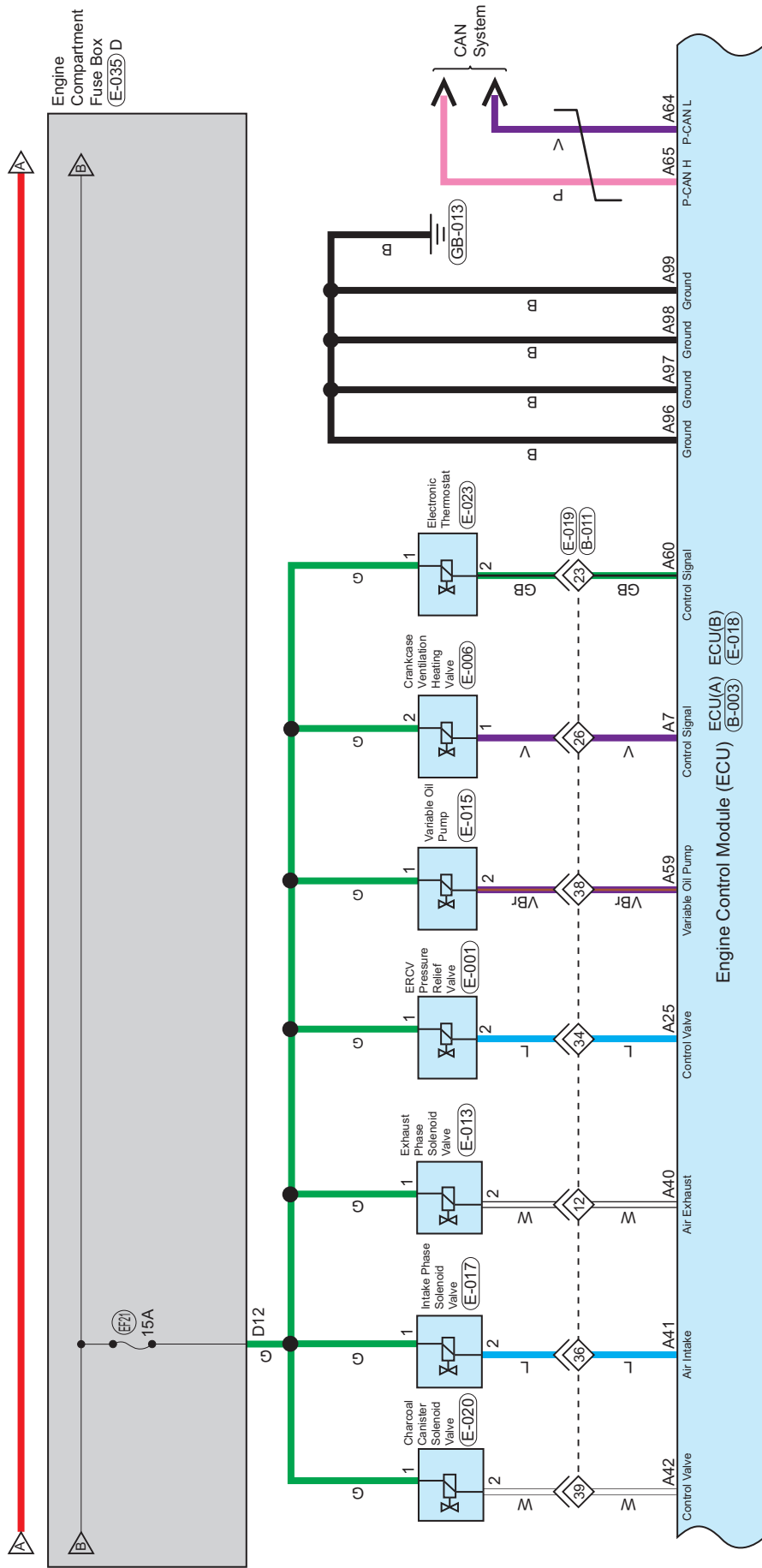
After understanding the circuit operation, troubleshoot the malfunction circuit to find out the cause, then use the "Wire Harness Position Diagram" to find each wire harness, wire harness connector and ground point of the relevant circuit. For specifications or detailed removal and installation procedures, please refer to the relevant repair manual.

# Engine Control System (EMS)



EWD010001

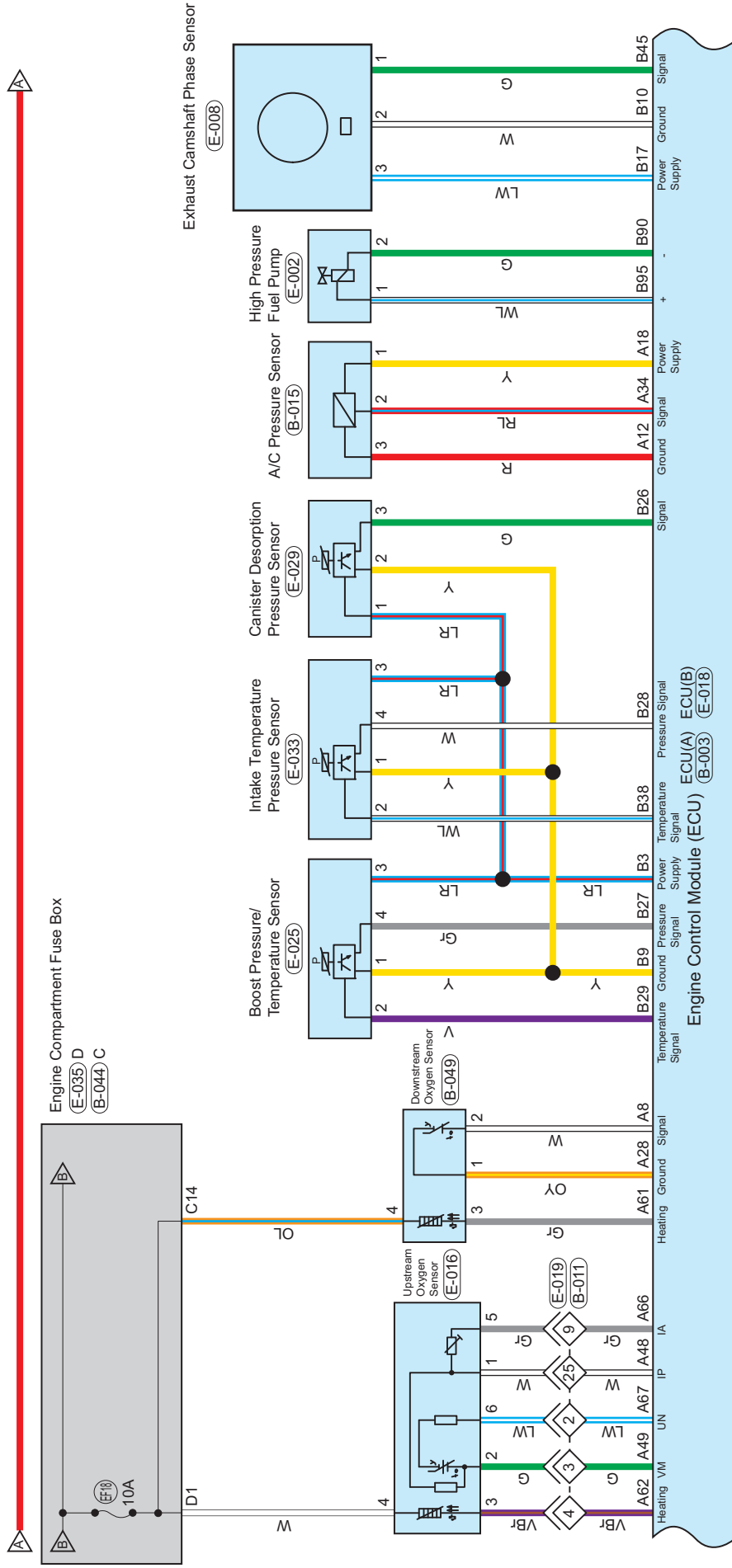
# Engine Control System (EMS)



EWD011001

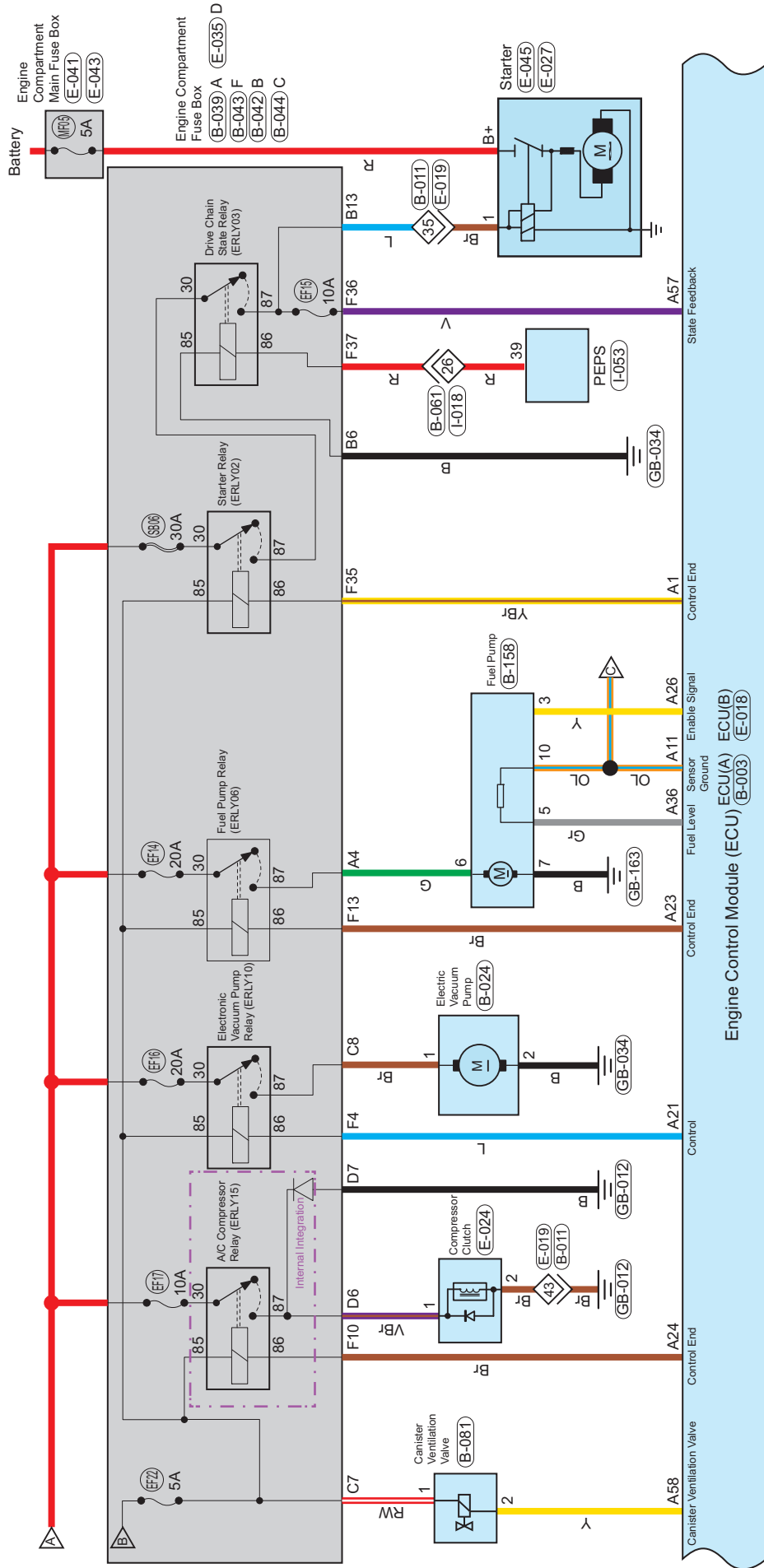


# Engine Control System (EMS)

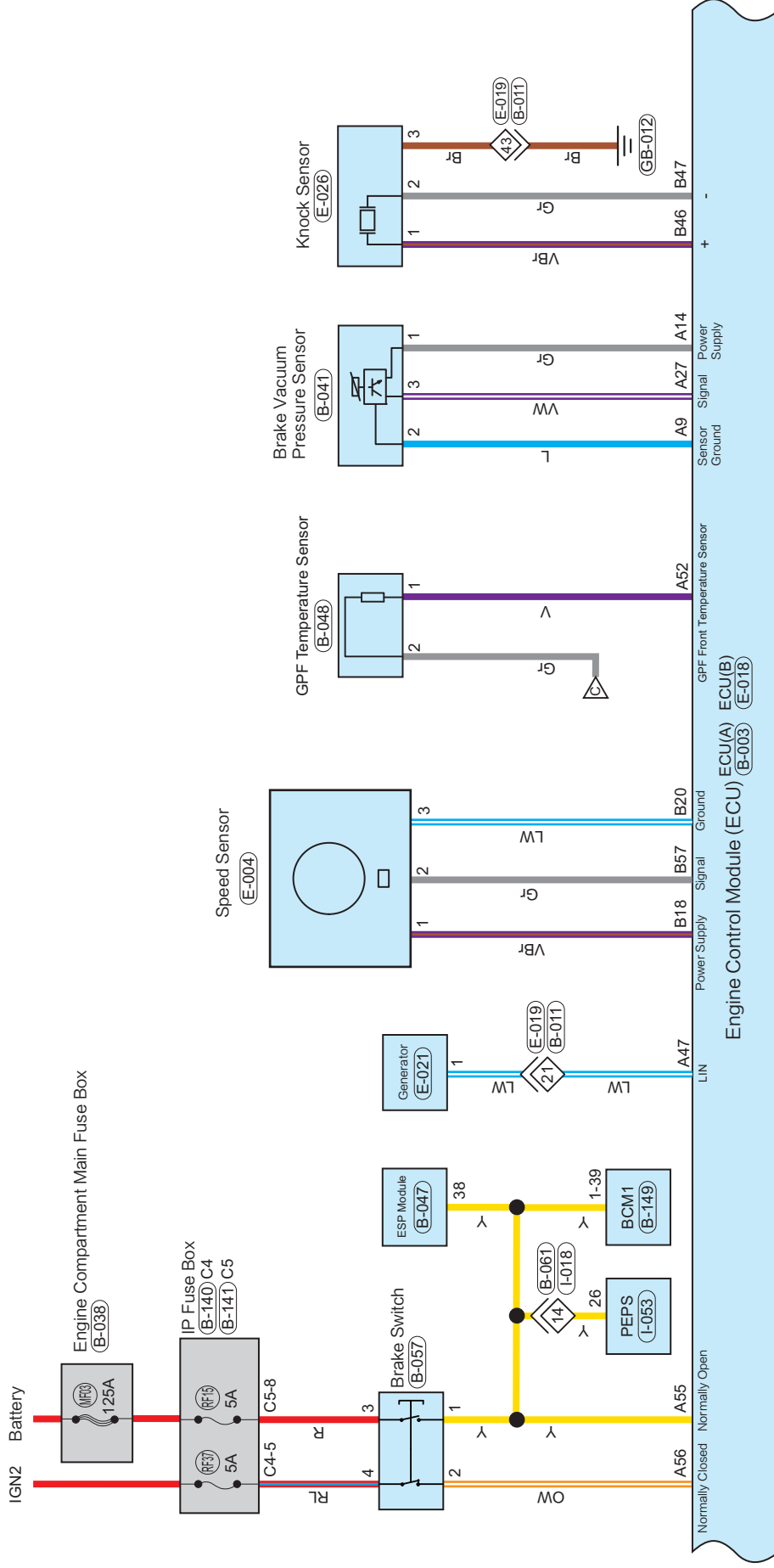


EWD012001

# Engine Control System (EMS)

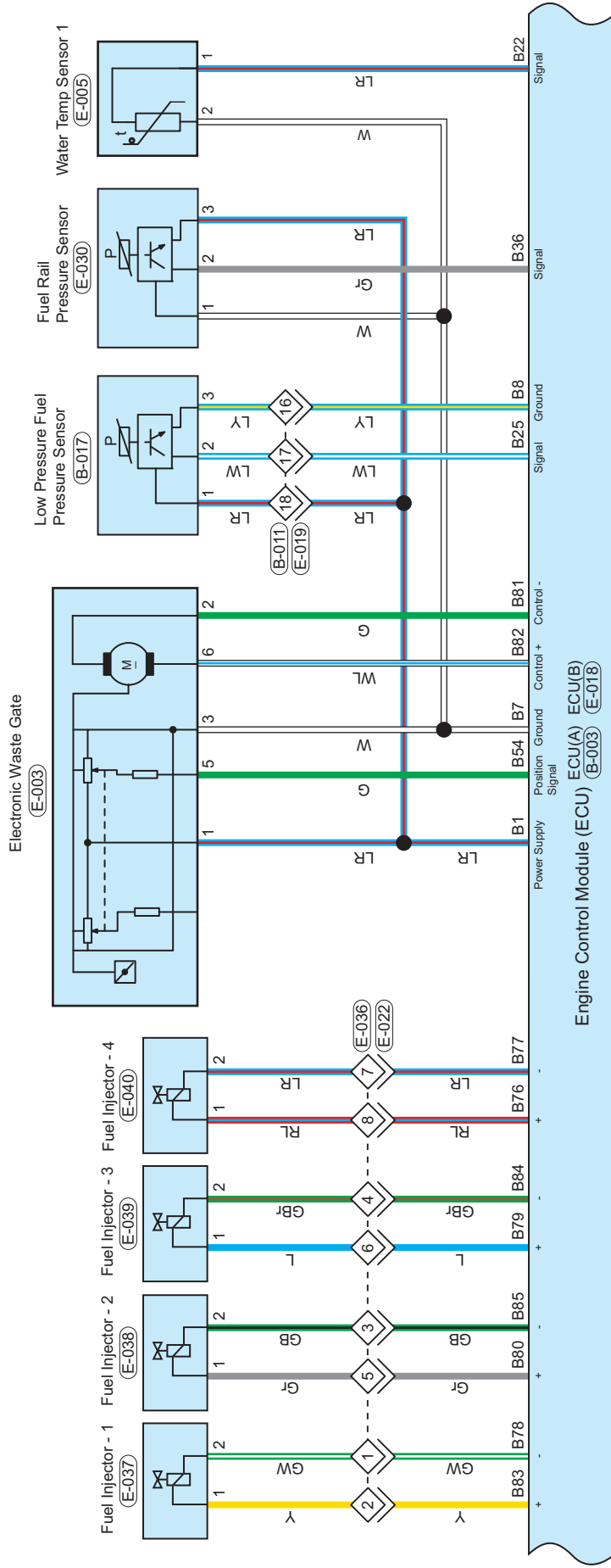


# Engine Control System (EMS)



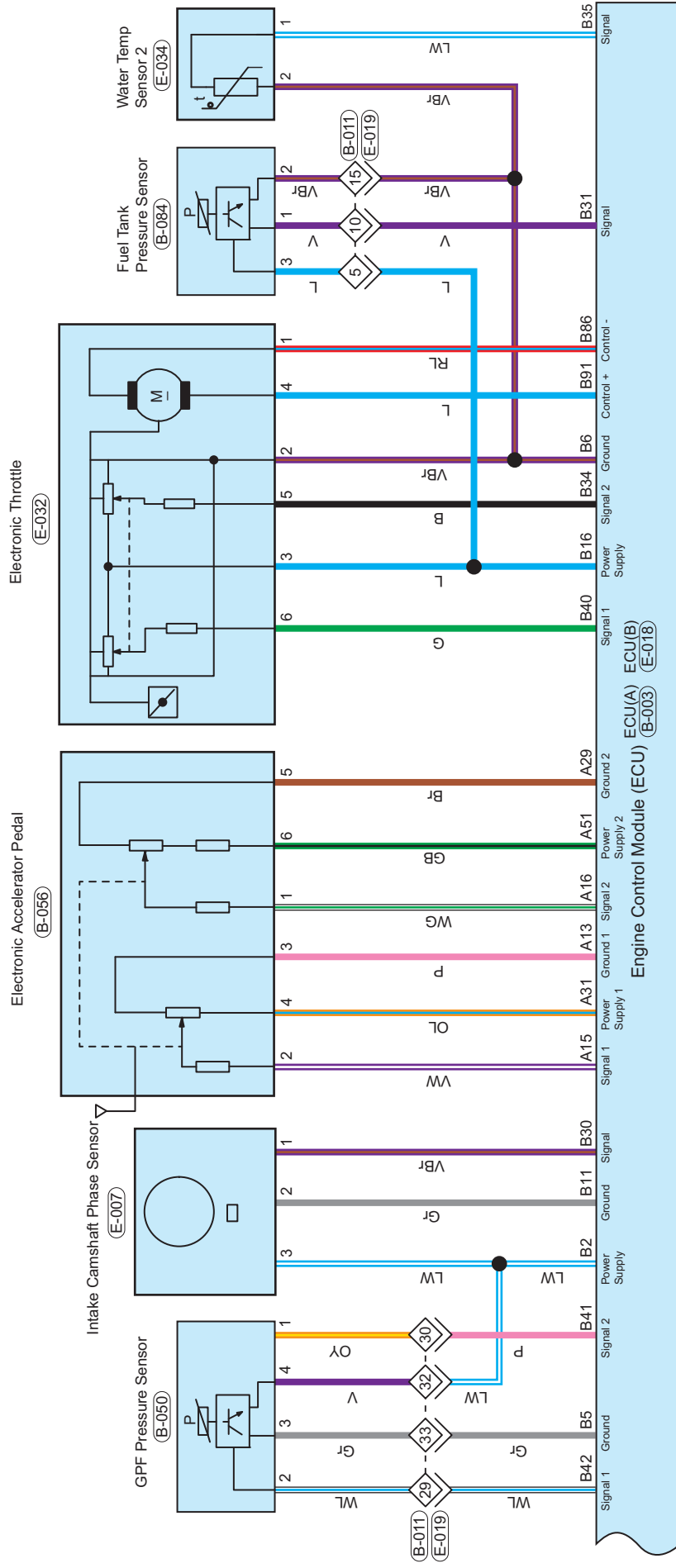
EWD014001

# Engine Control System (EMS)



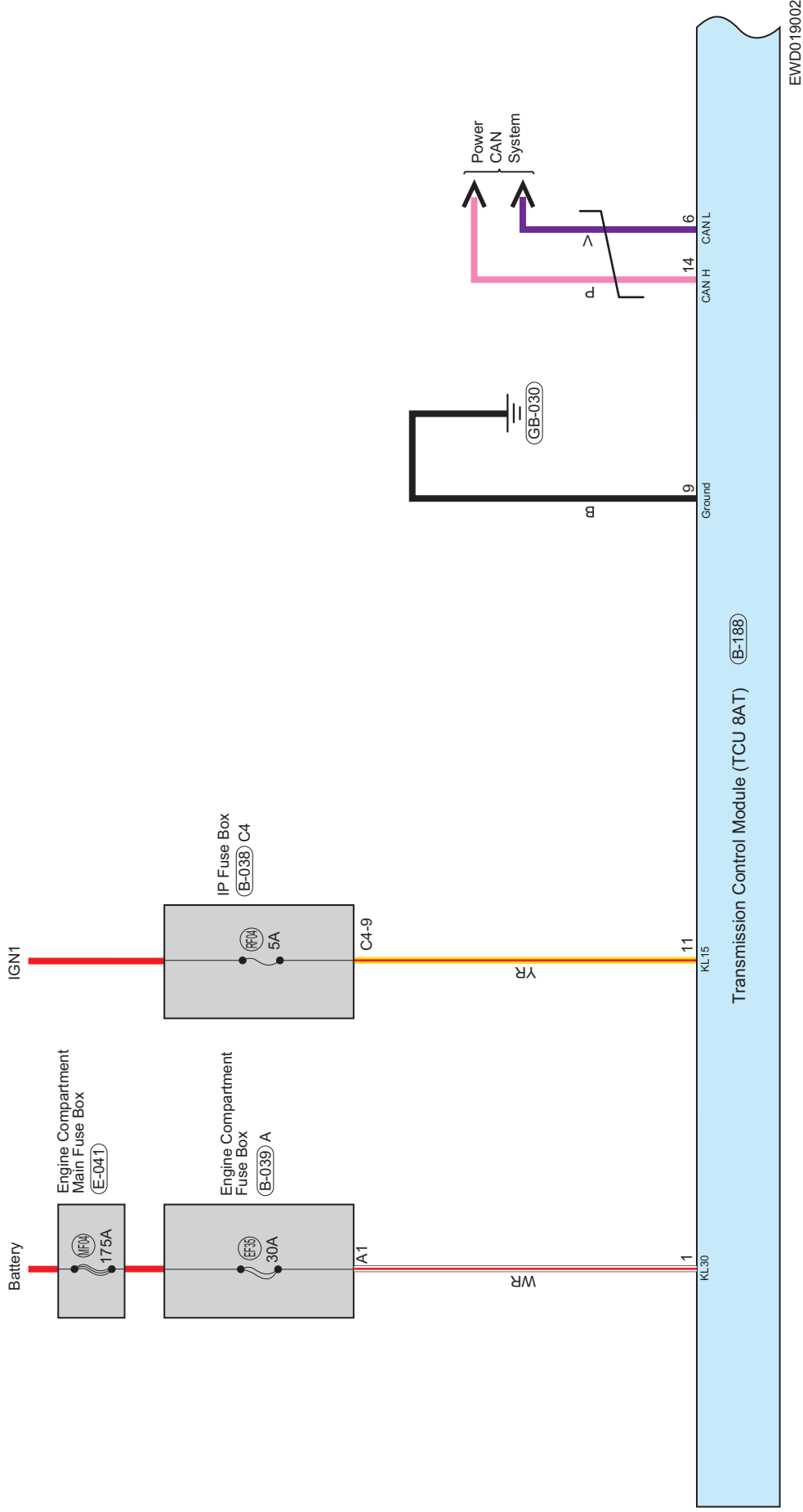
EWD015001

# Engine Control System (EMS)

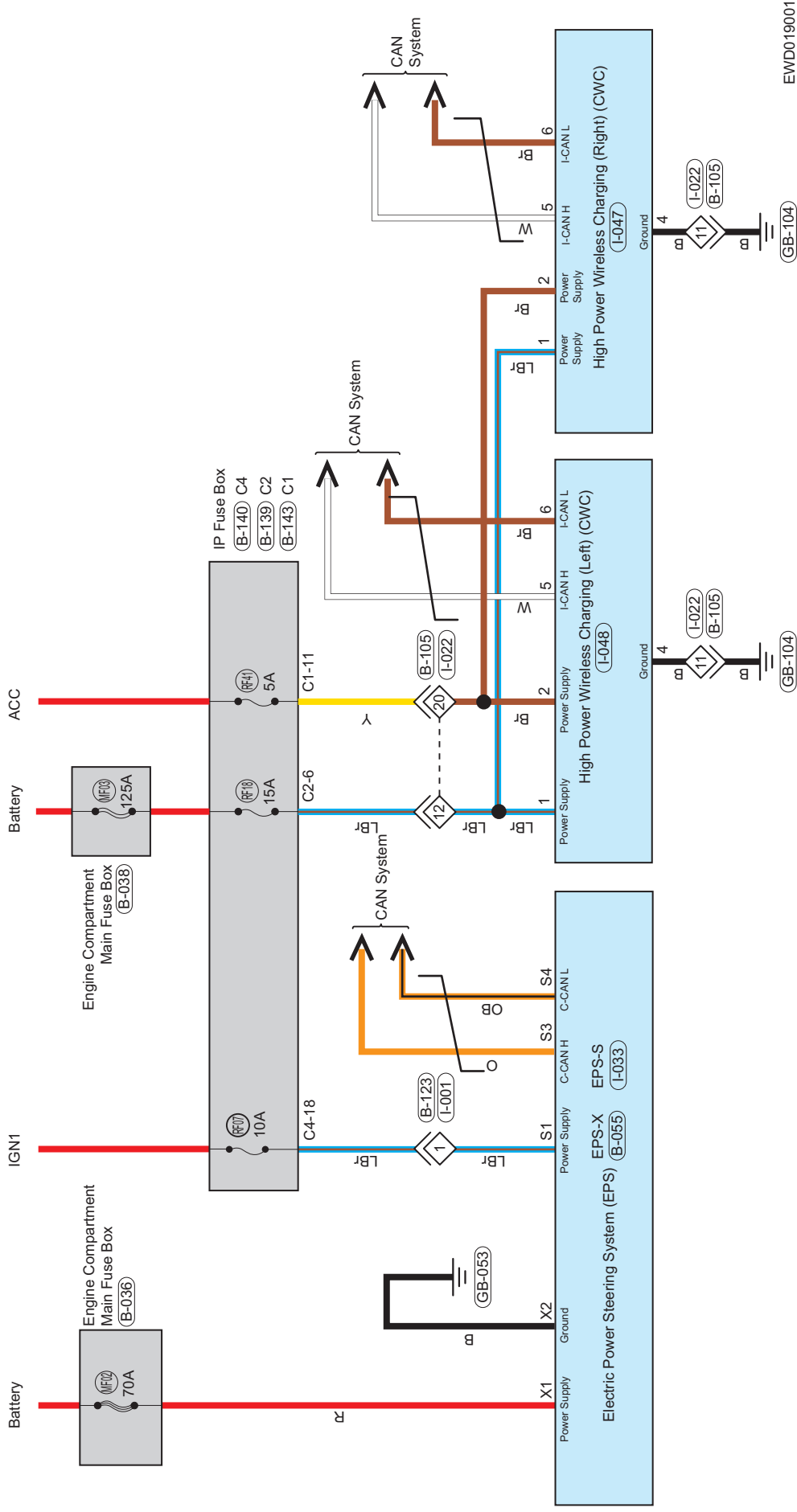


EWD016001

# Transmission Control System (TCU-8AT)

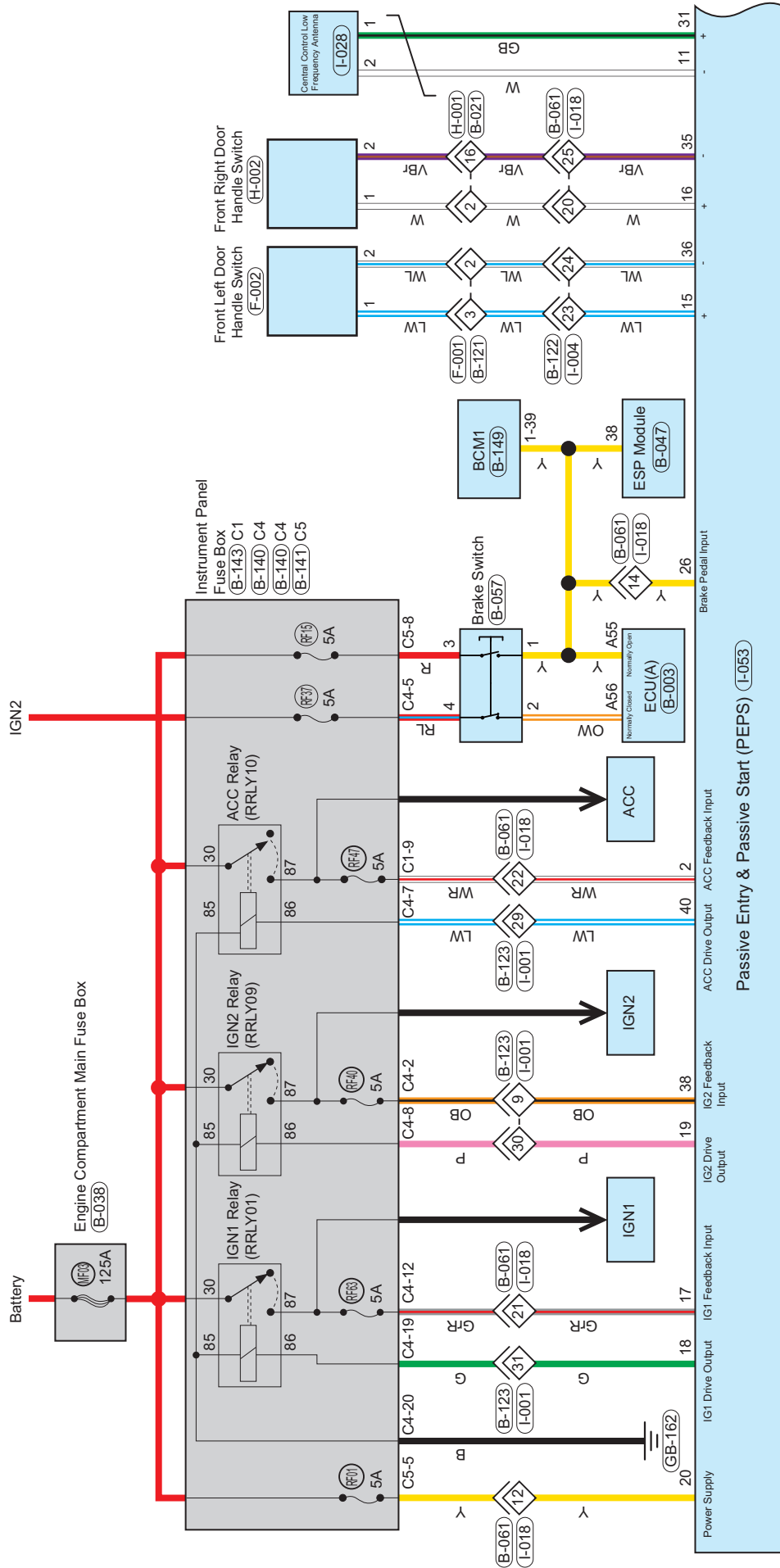


# Electronic Power Steering System (EPS) / Electronic Shift Module (EGS)



EWD019001

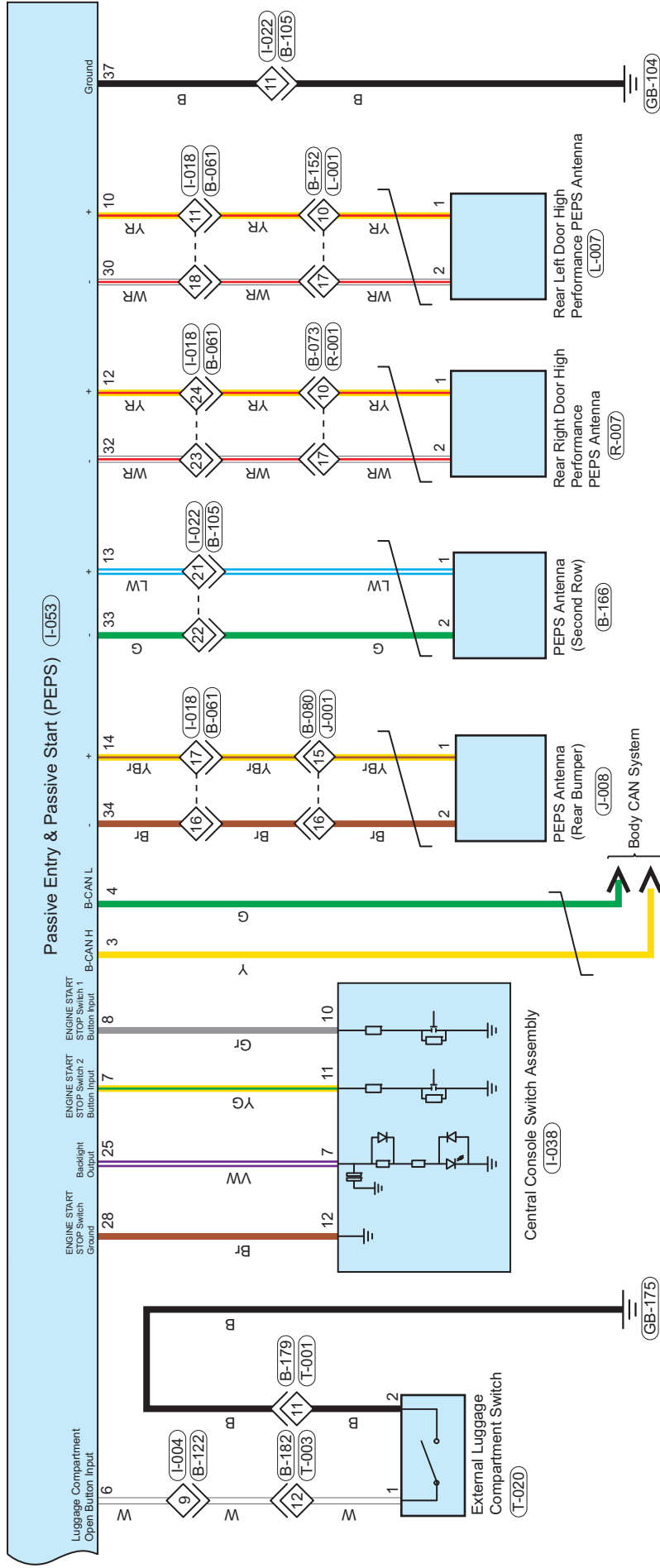
# Passive Entry & Passive Start (PEPS)



EWD020001

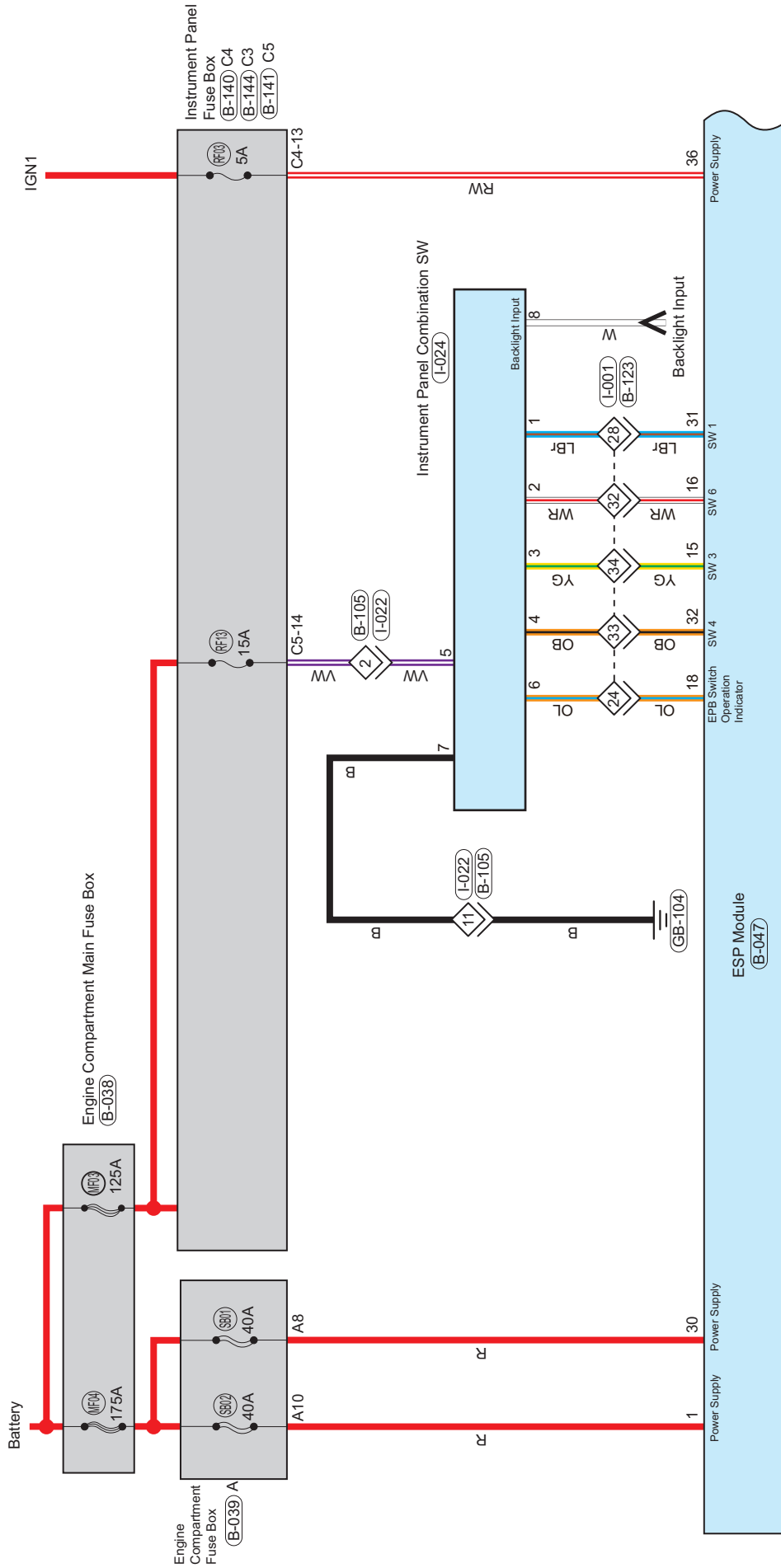


# Passive Entry & Passive Start (PEPS)



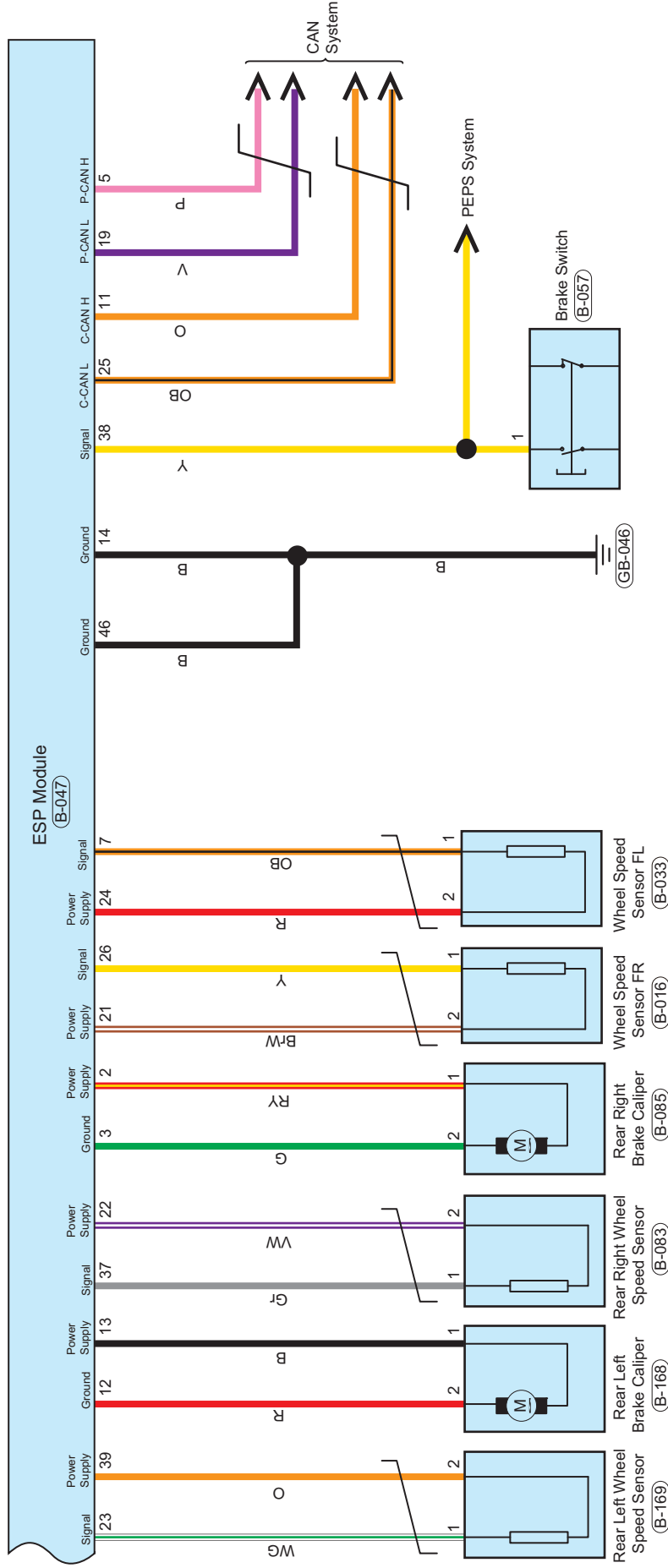
EWD021001

# Electronic Stability System (ESP&EPB)



EWD022001

# Electronic Stability System (ESP&EPB)

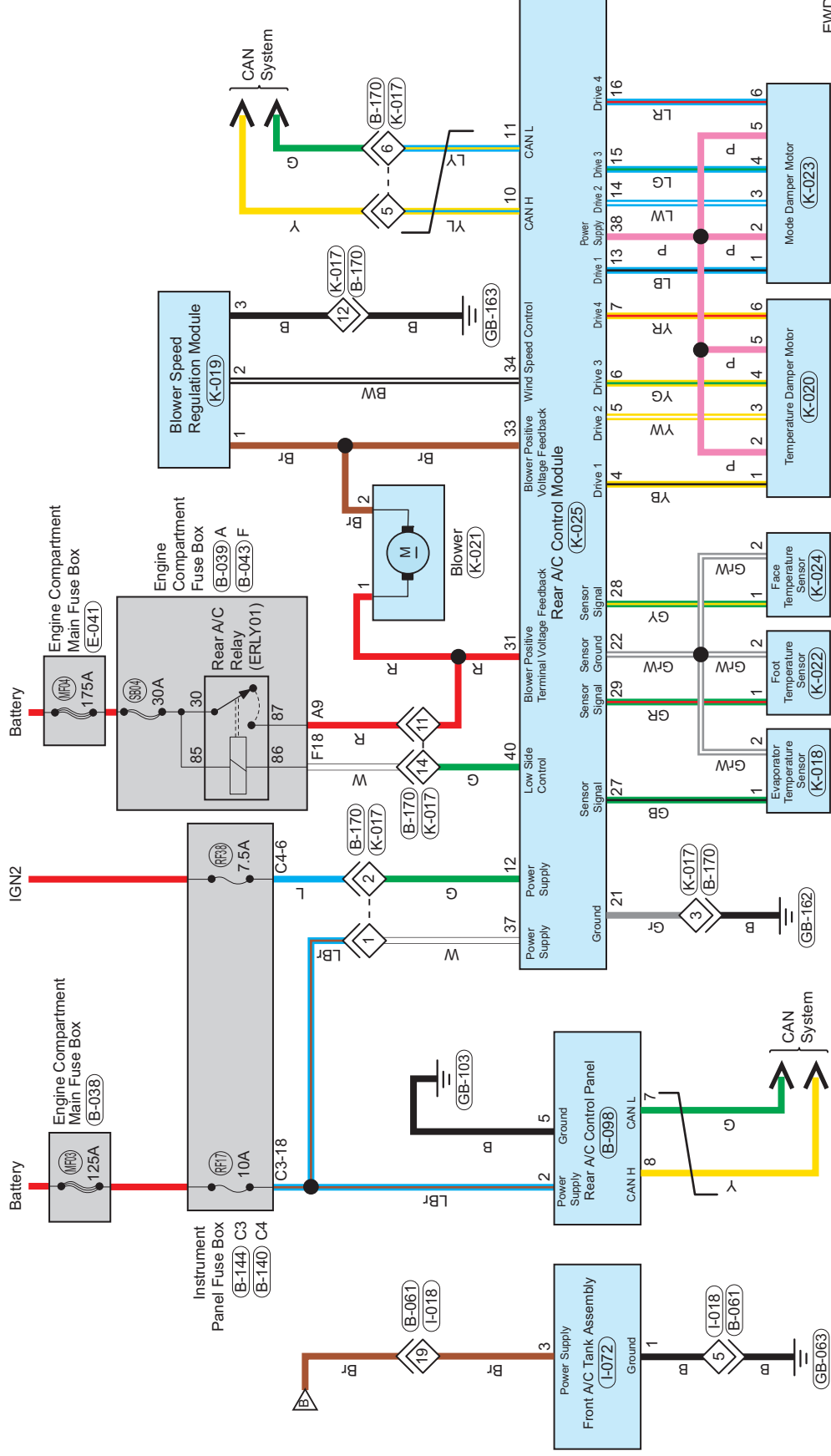


EWD023001



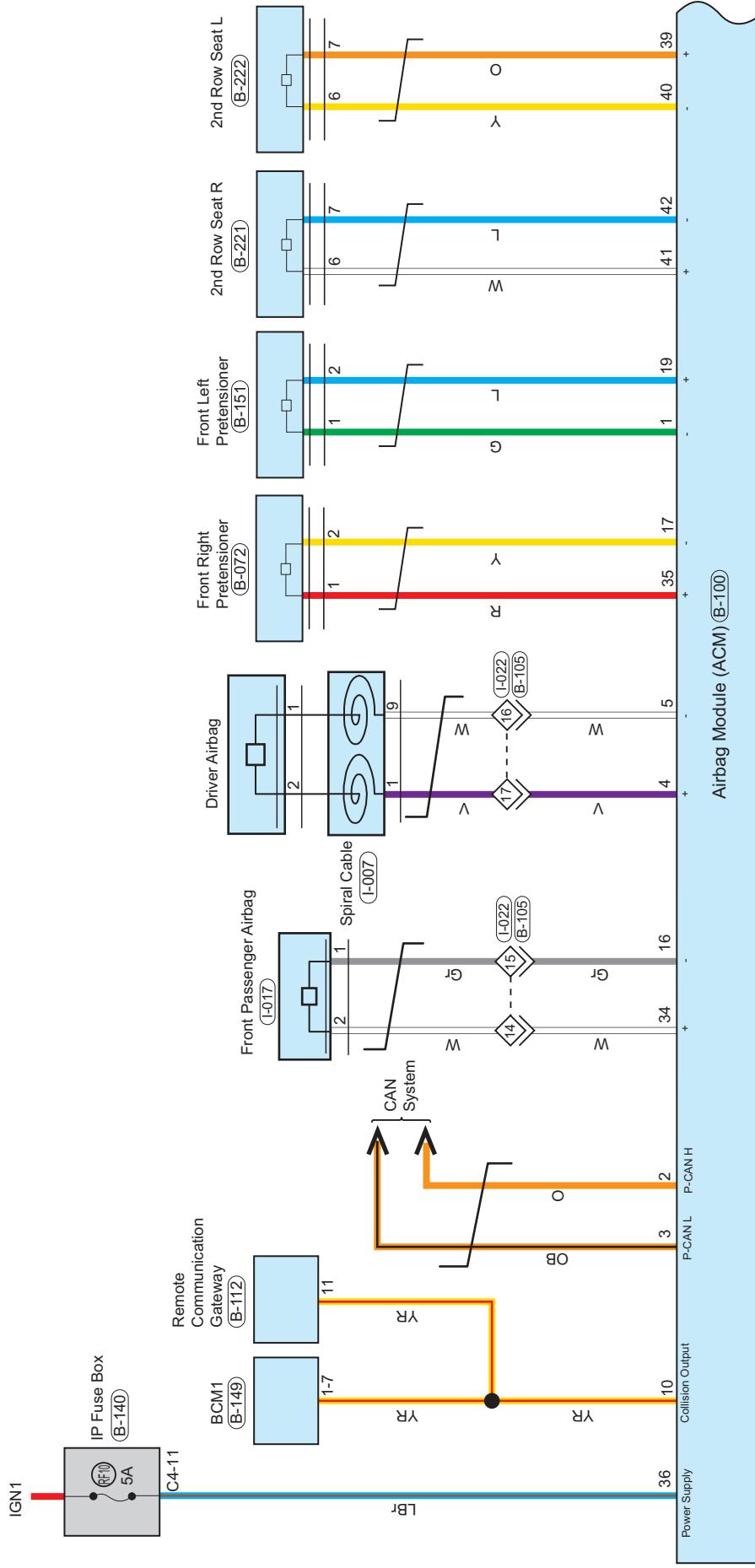


# Automatic A/C System (CLM)



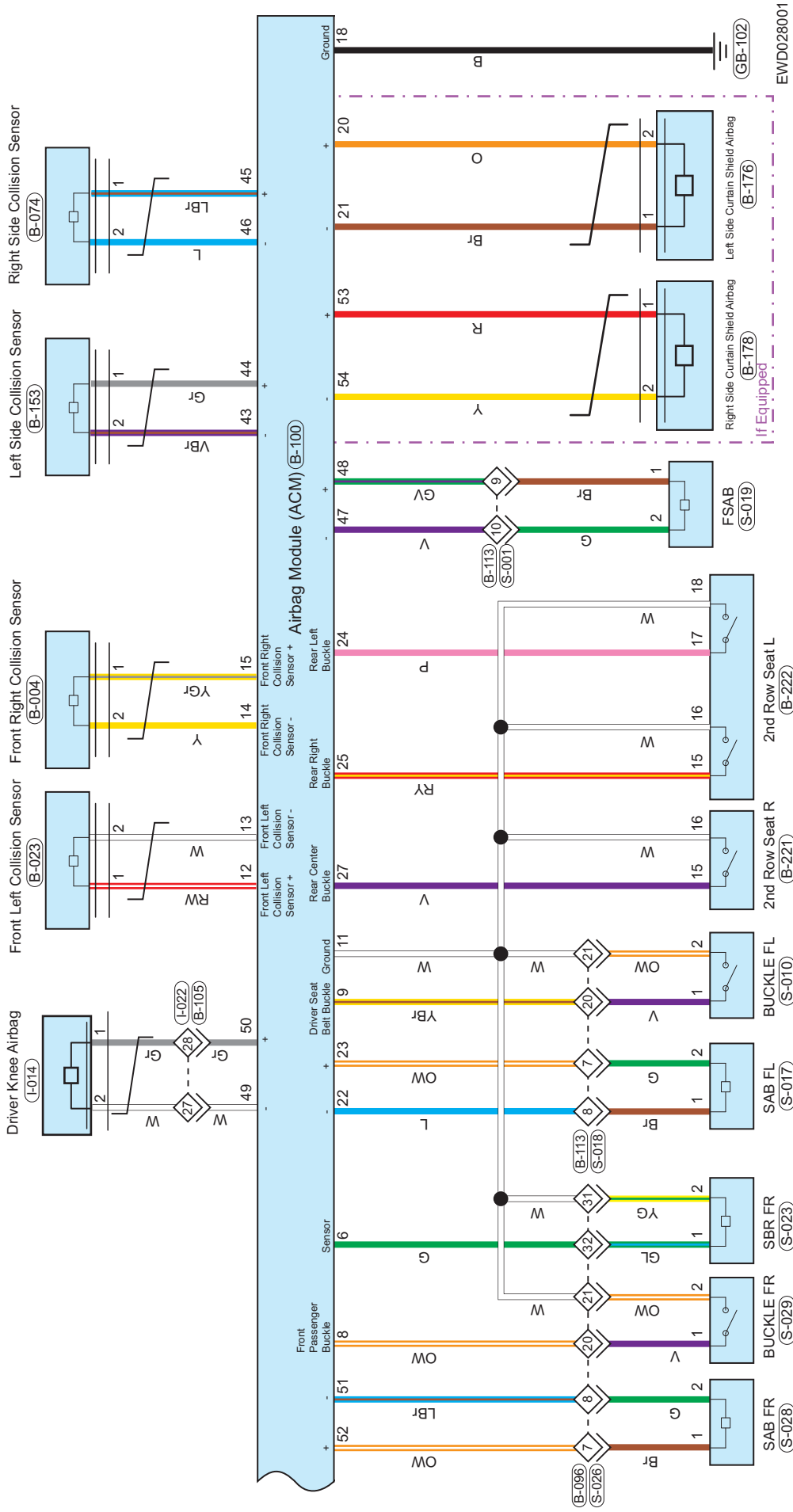
EWD026001

# Airbag System (ACM)



EWD027001

# Airbag System (ACM)

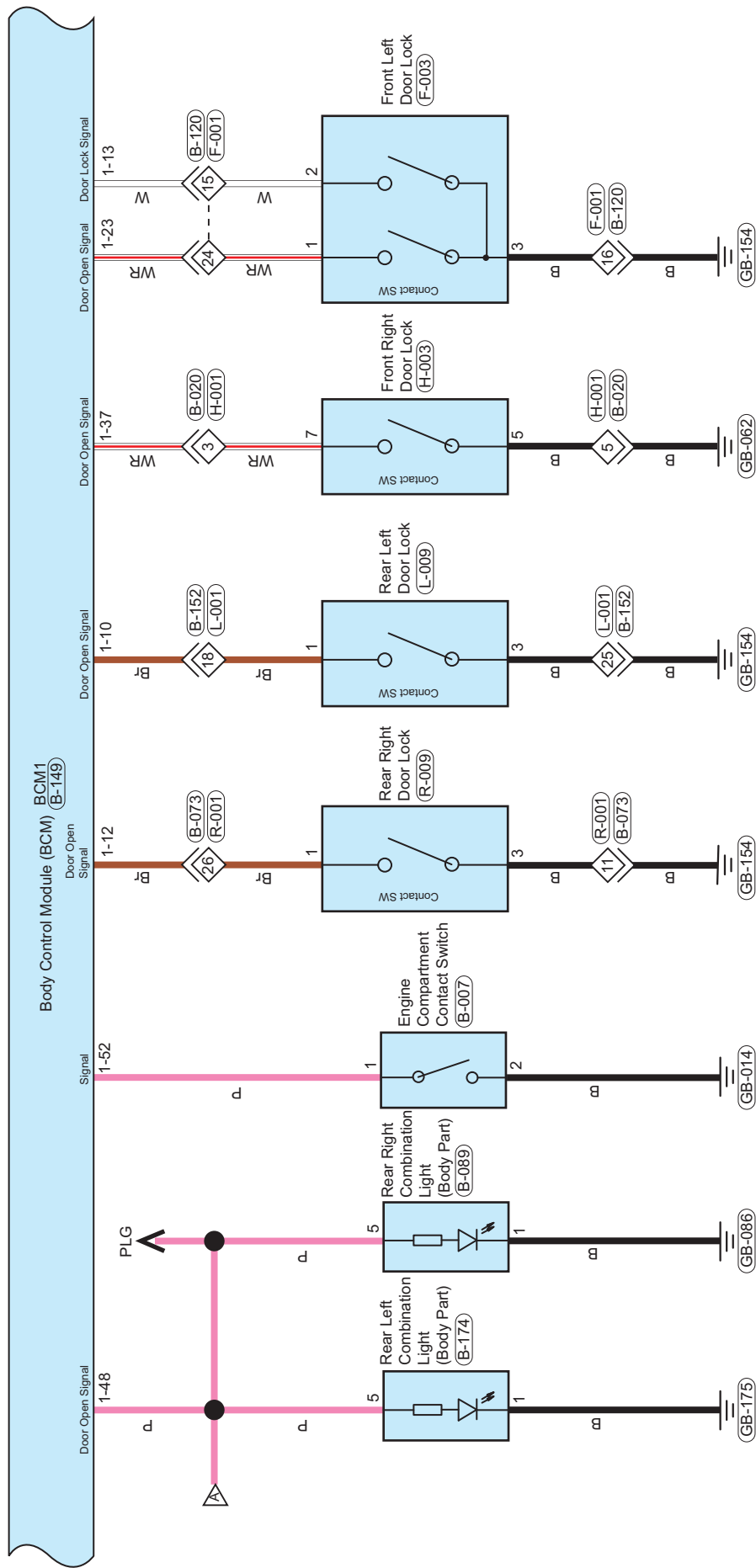


EWD028001



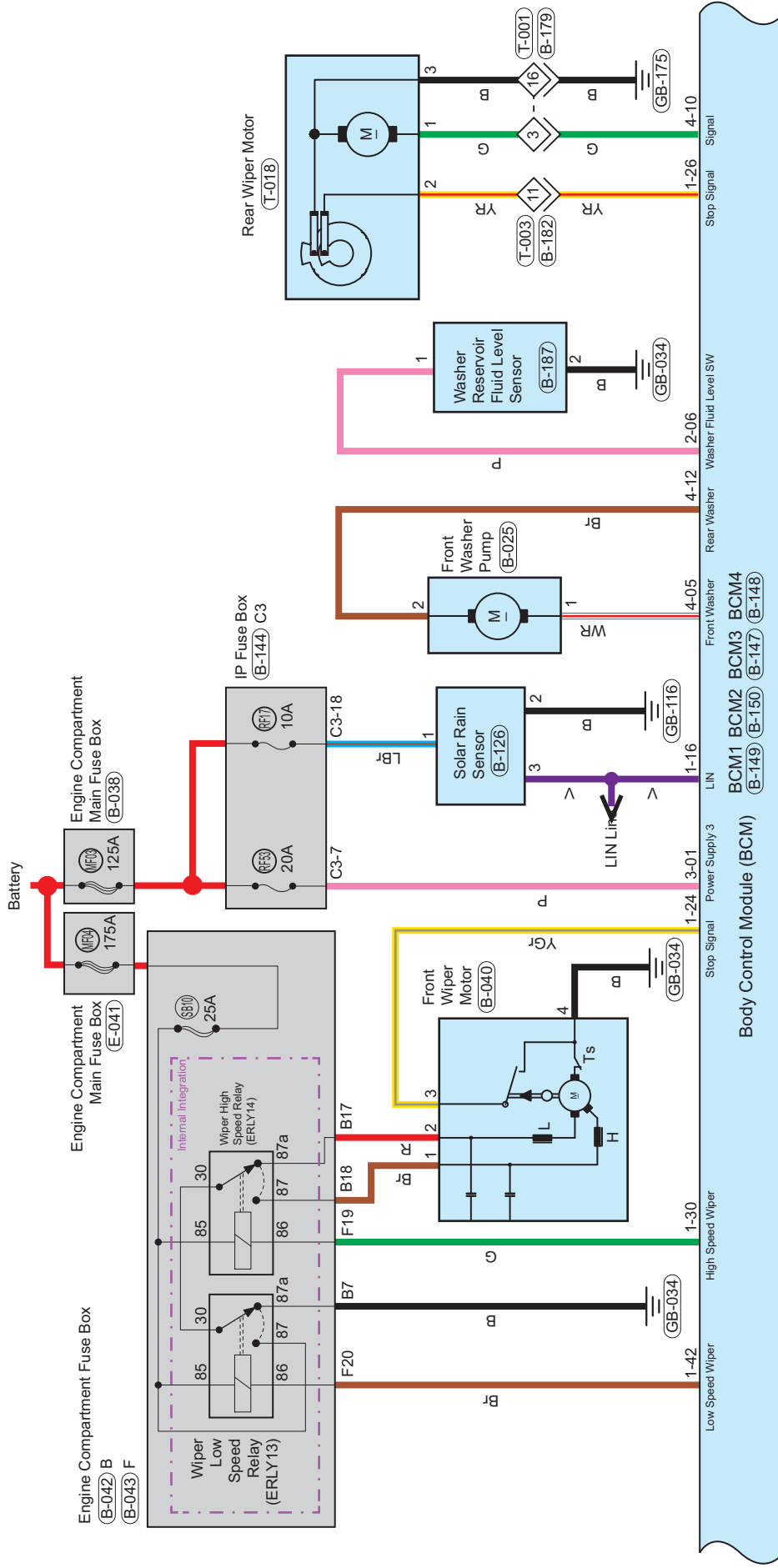


# Body Control Module (BCM)



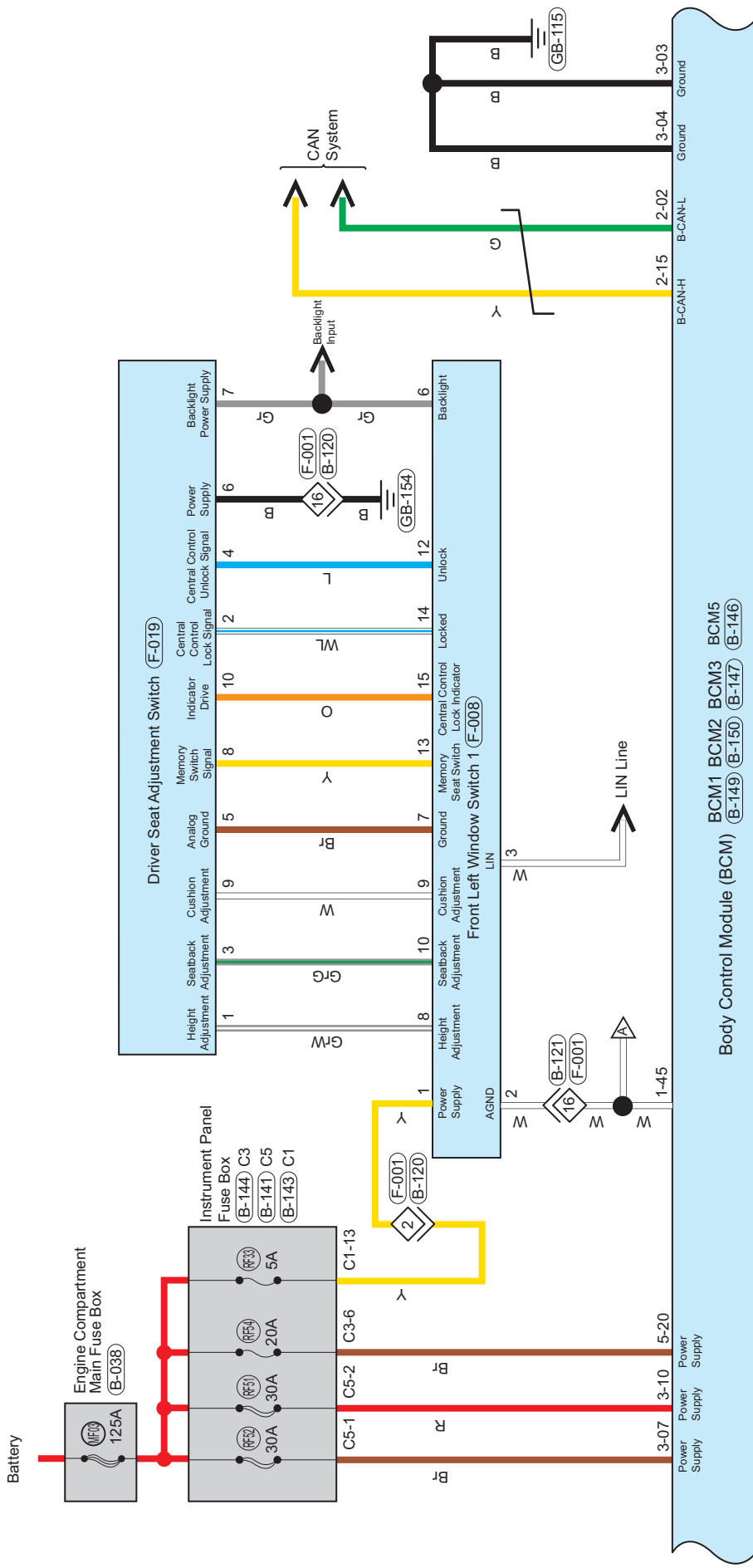
EWD030001

# Body Control Module (BCM)



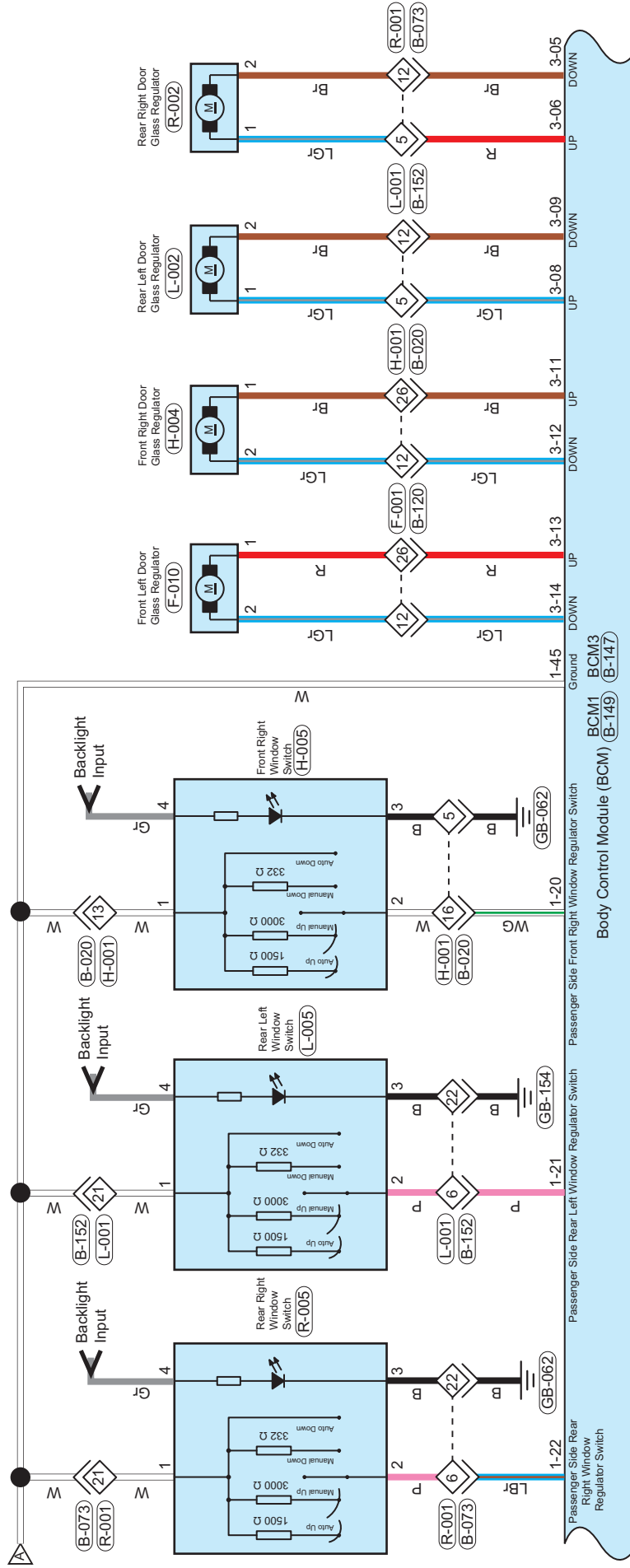
EWD031001

# Body Control Module (BCM)



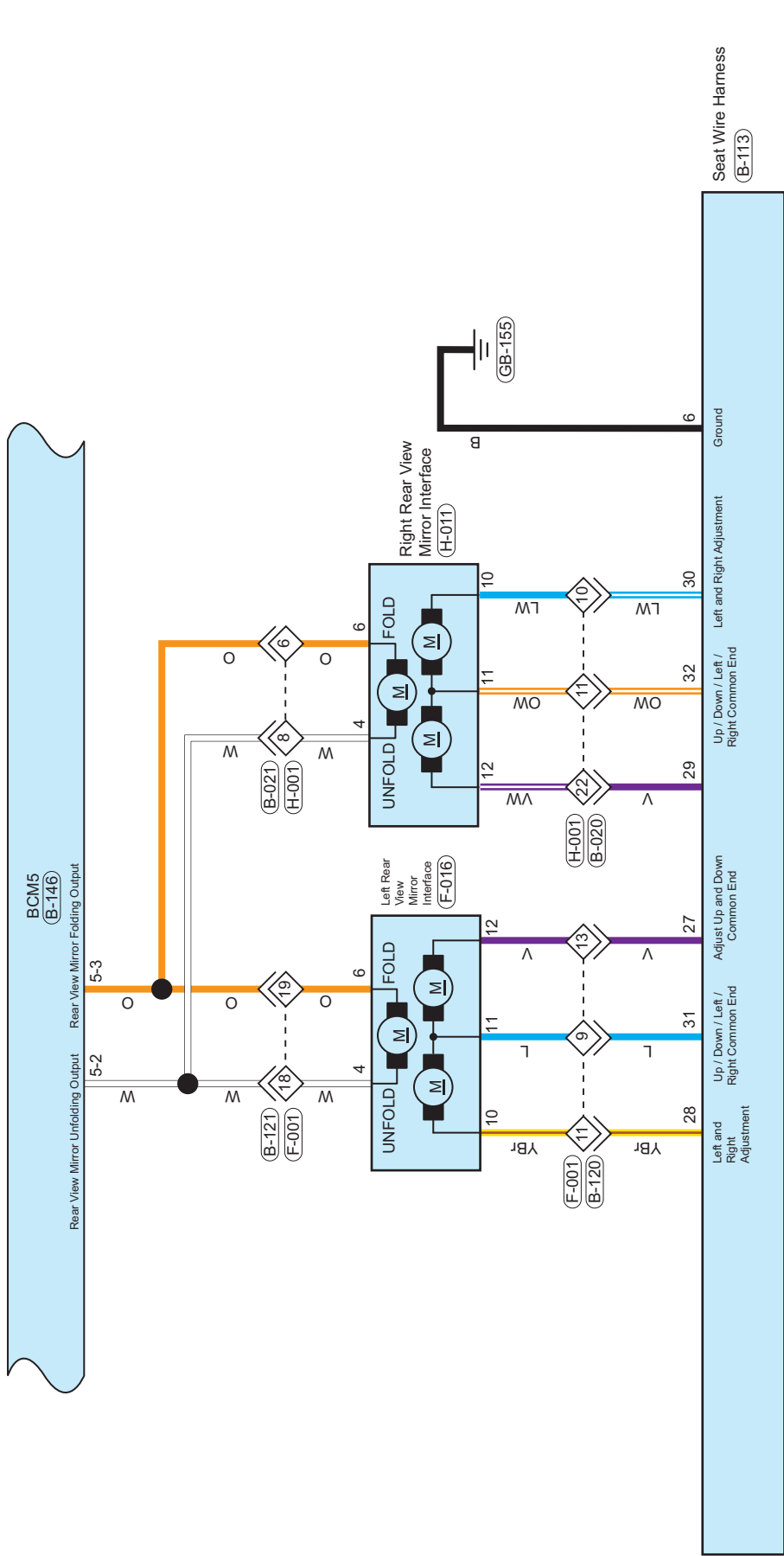
EWD032001

# Body Control Module (BCM)



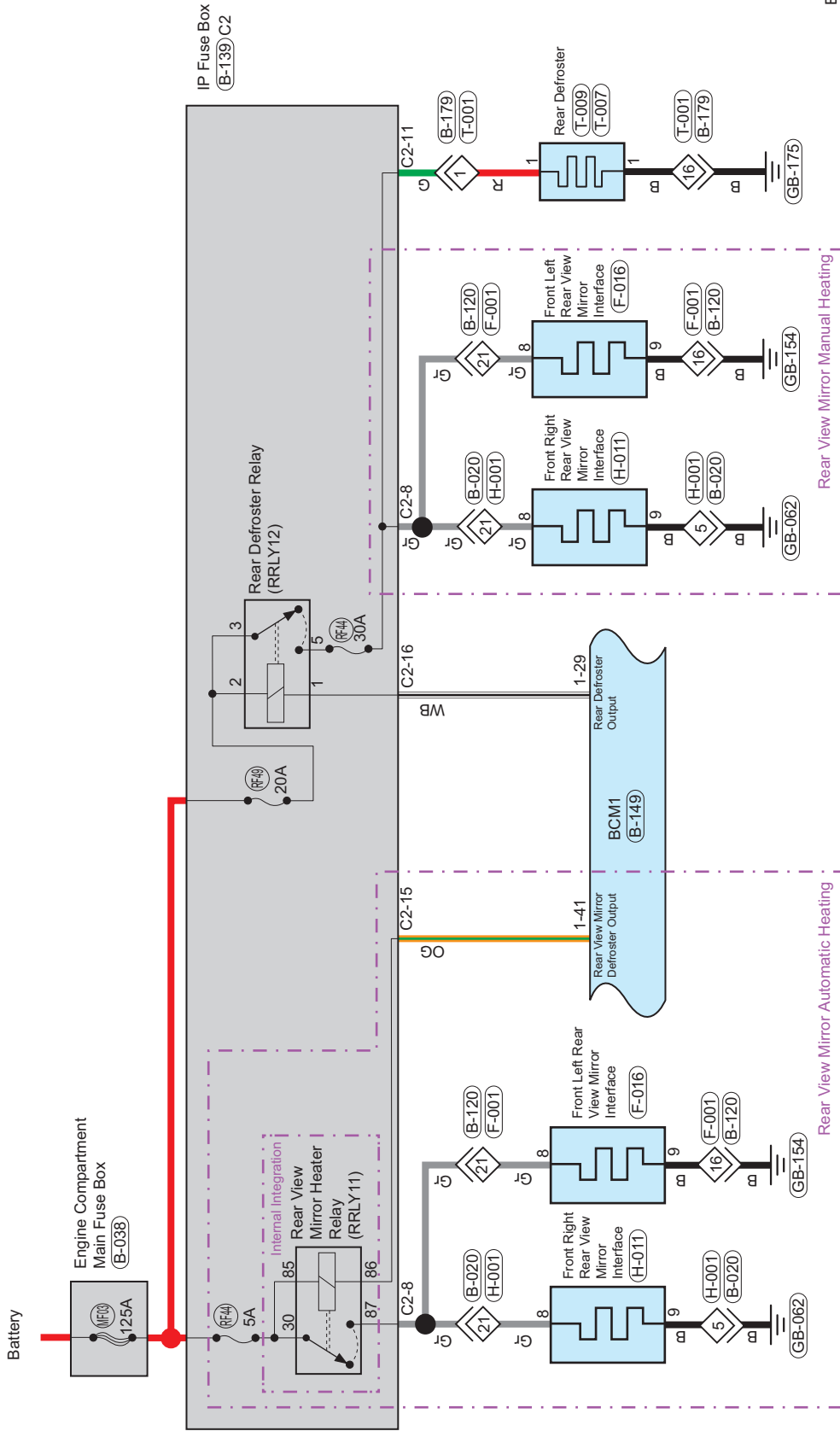
EWD034001

Body Control Module (BCM)



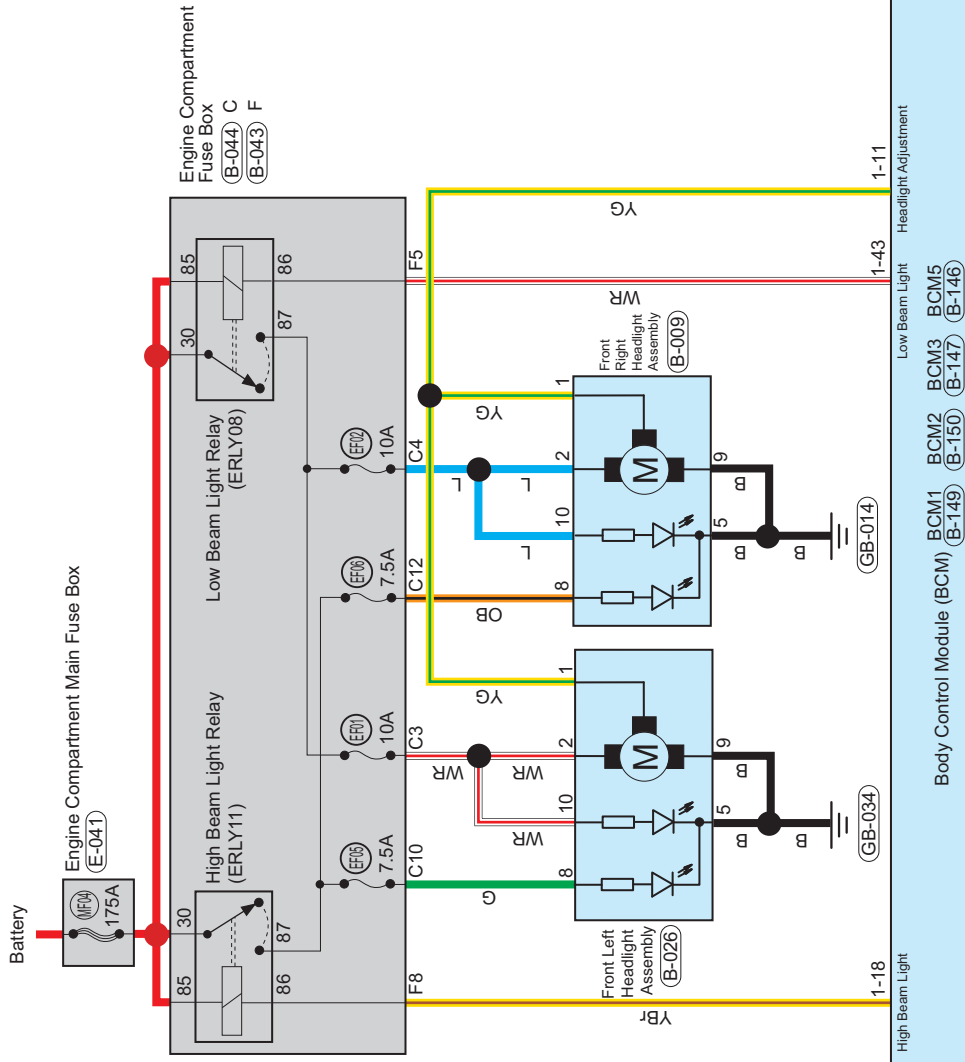
EWD053001

# Body Control Module (BCM)



EWD048001

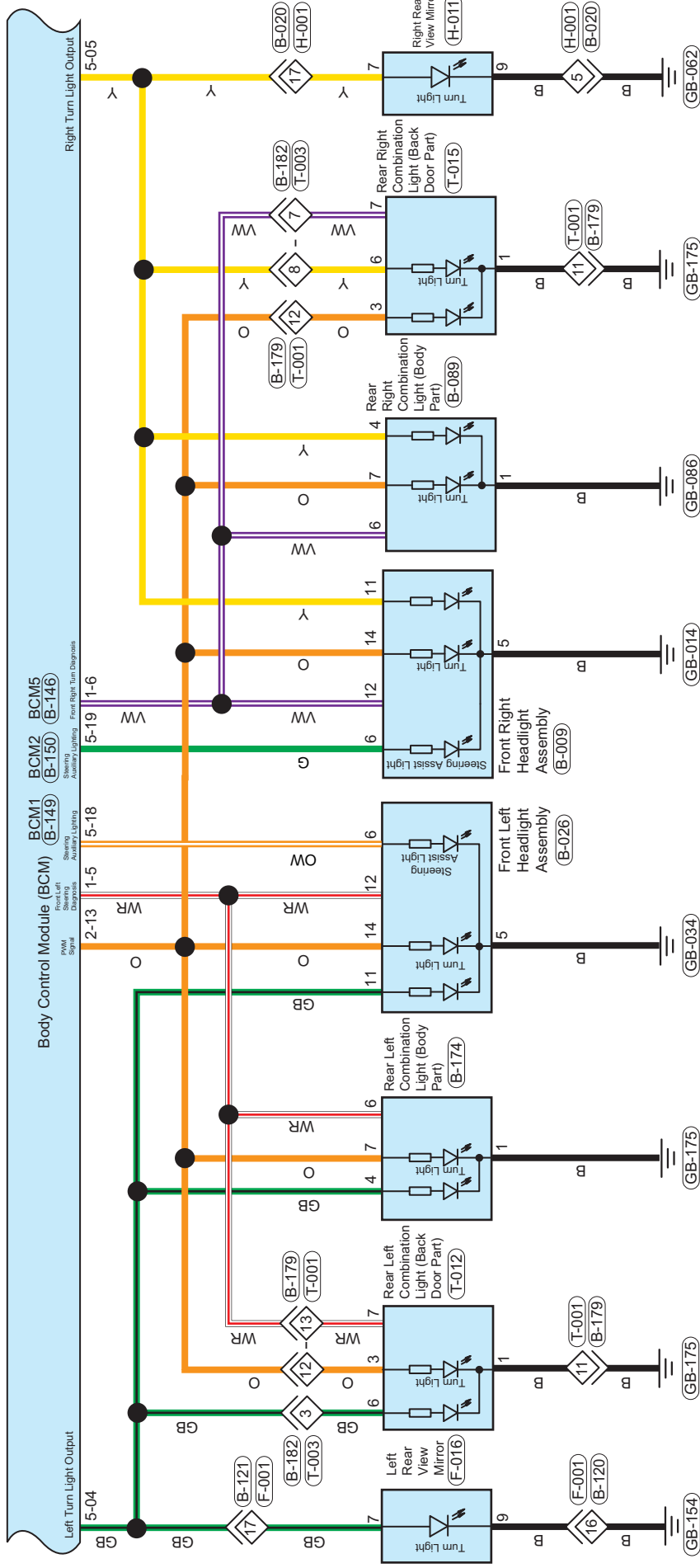
# Body Control Module (BCM)



EWD035001



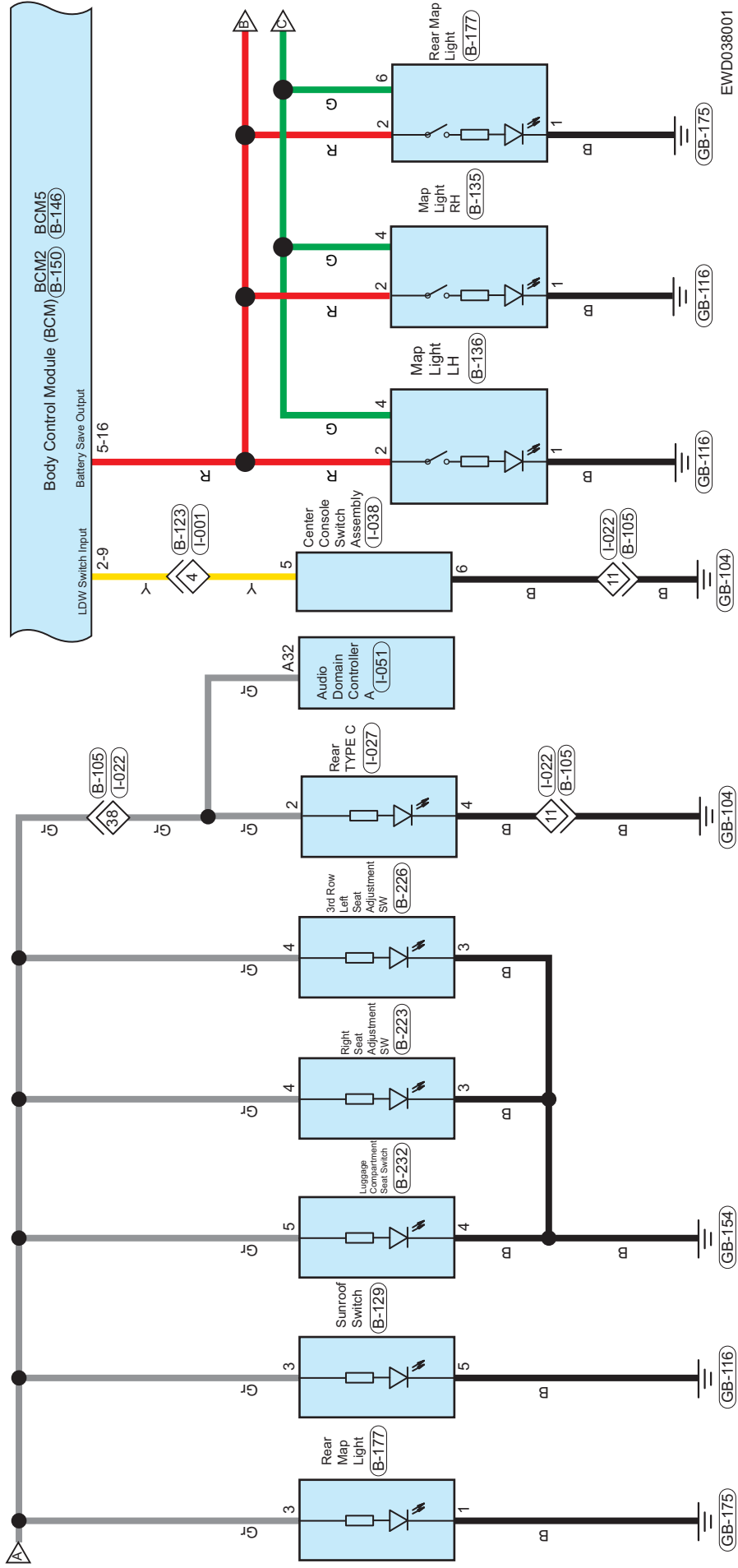
# Body Control Module (BCM)



EWD036001

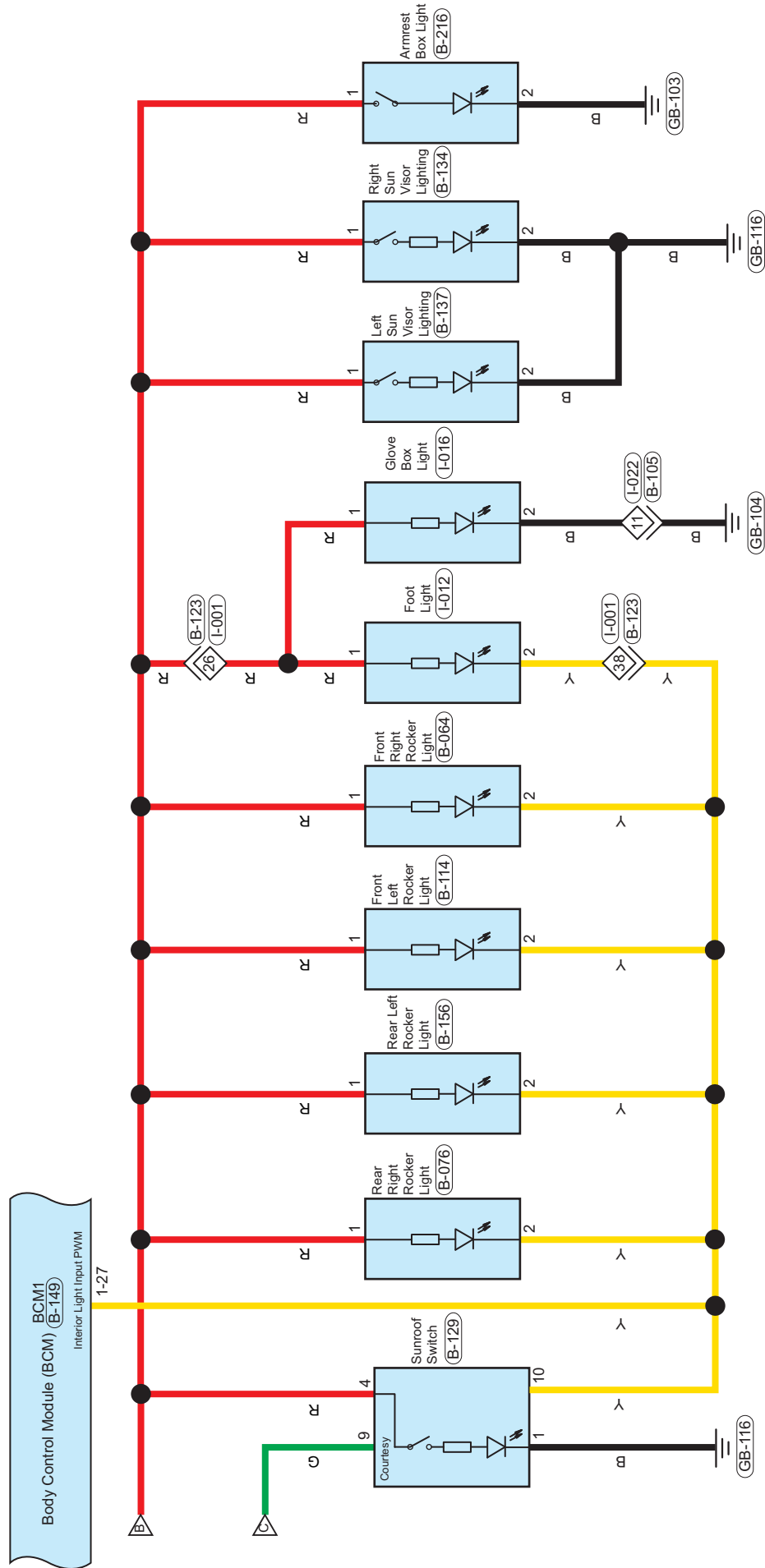


# Body Control Module (BCM)



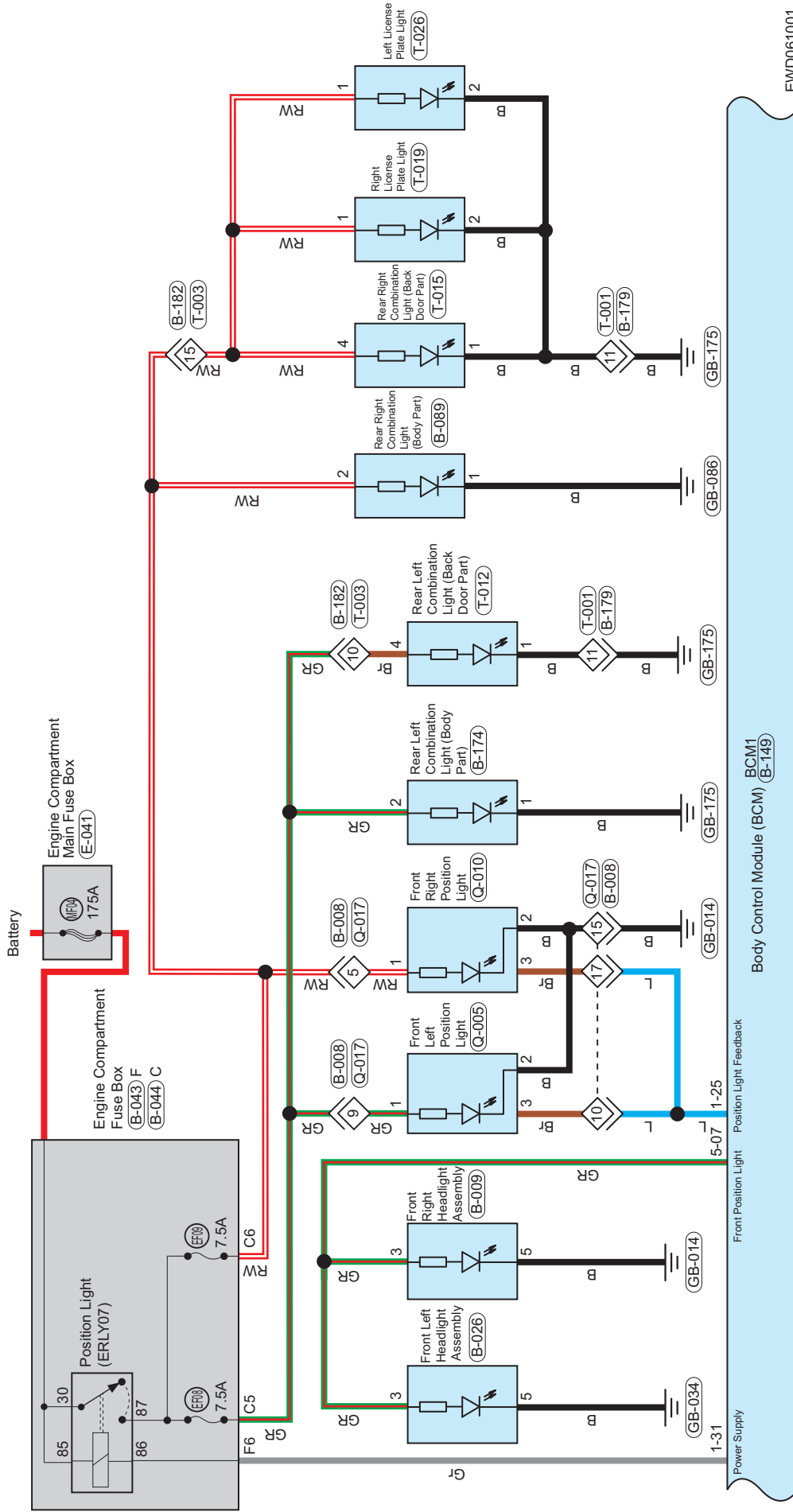
EWD038001

### Body Control Module (BCM)



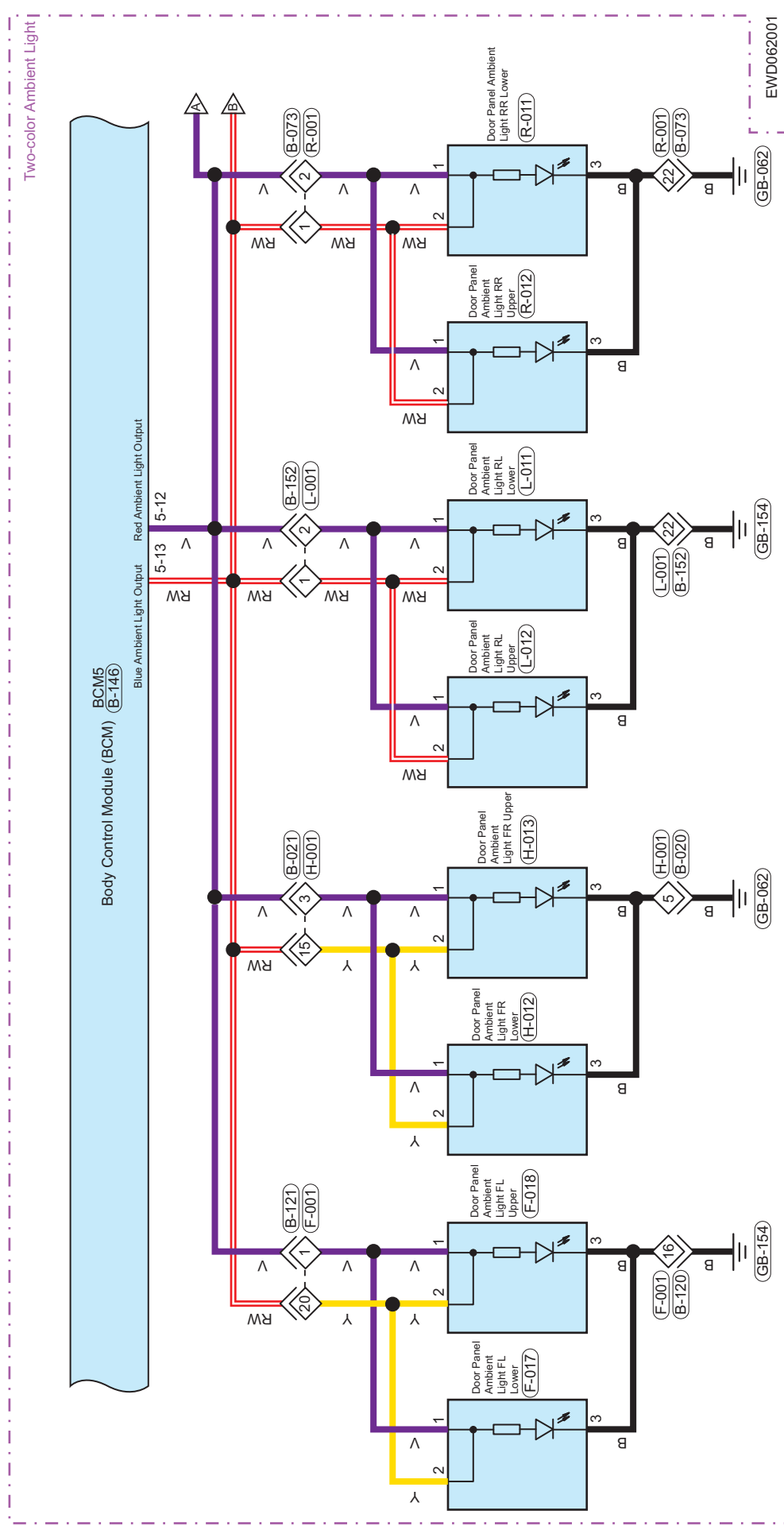
EWD060001

# Body Control Module (BCM)

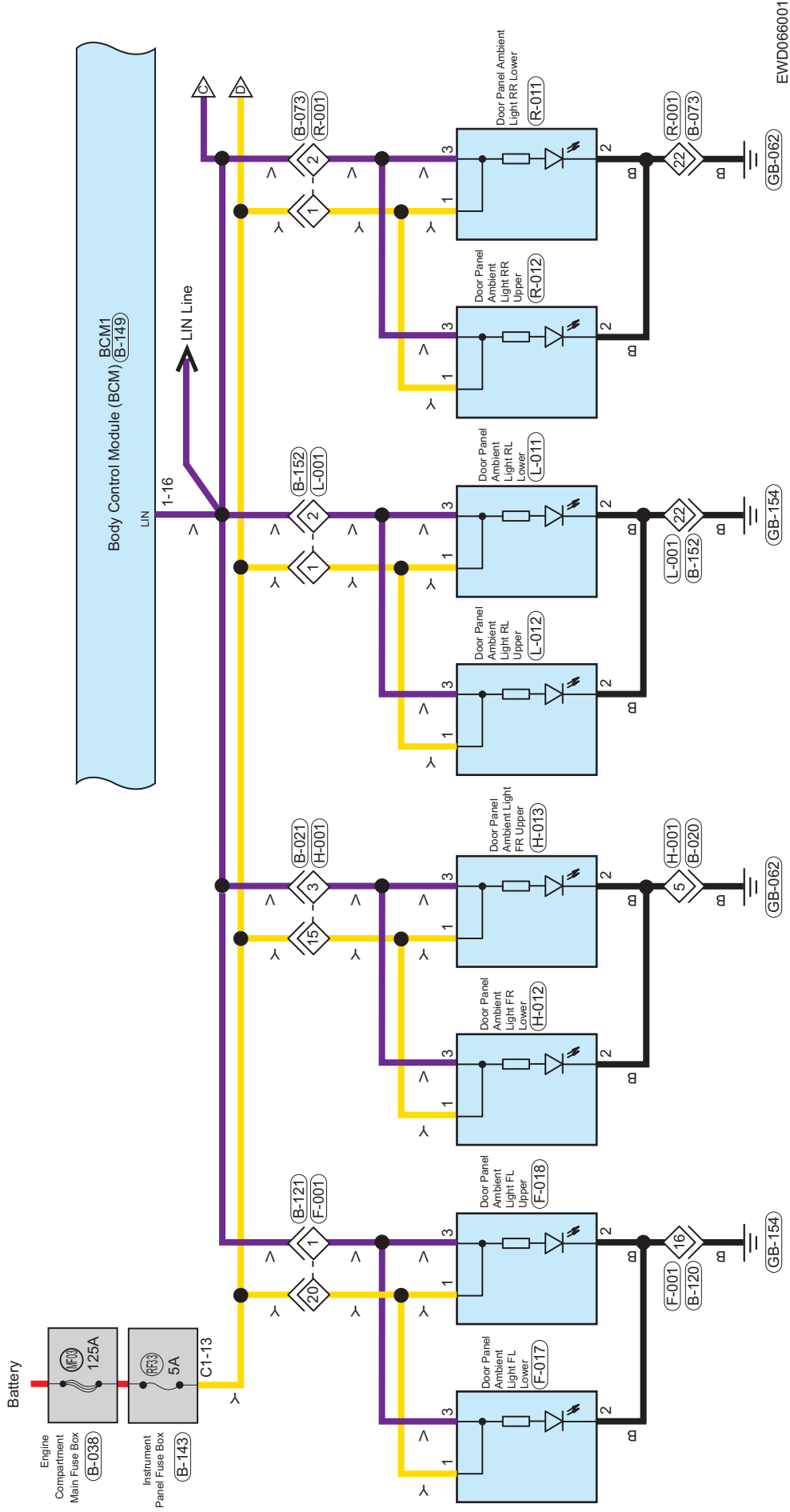


EWD061001

# Body Control Module (BCM)



# Body Control Module (BCM)

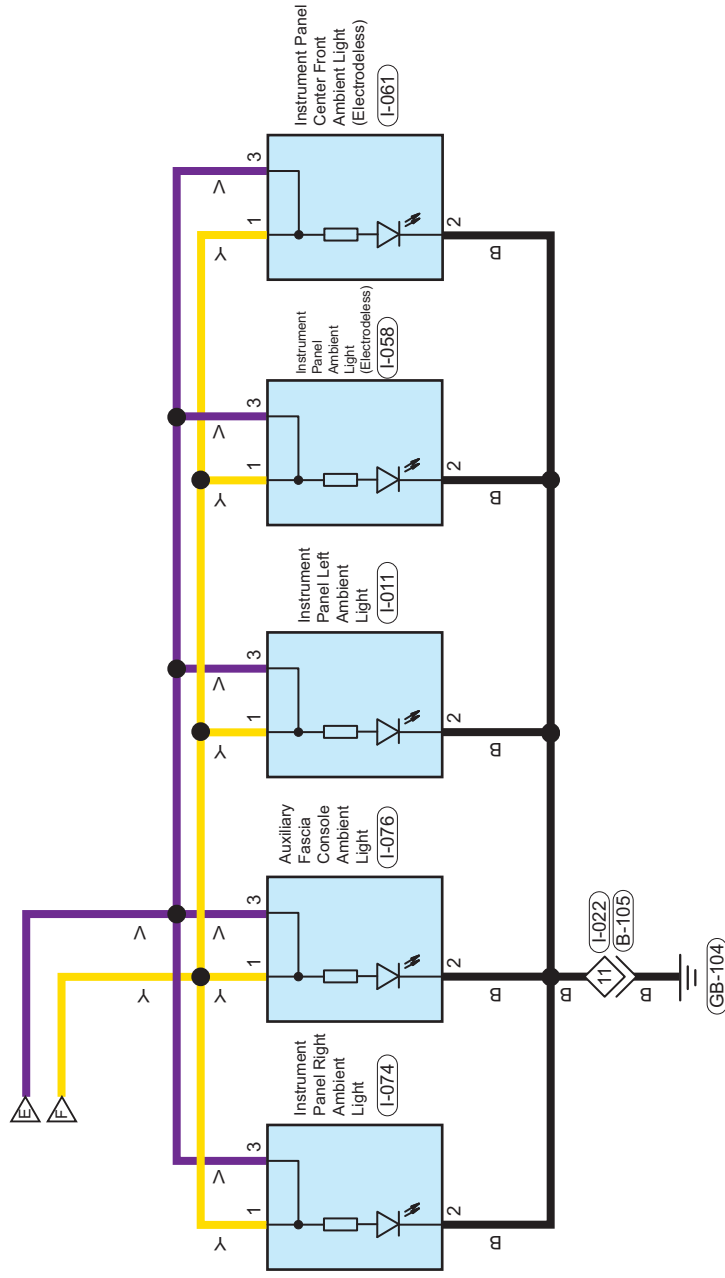


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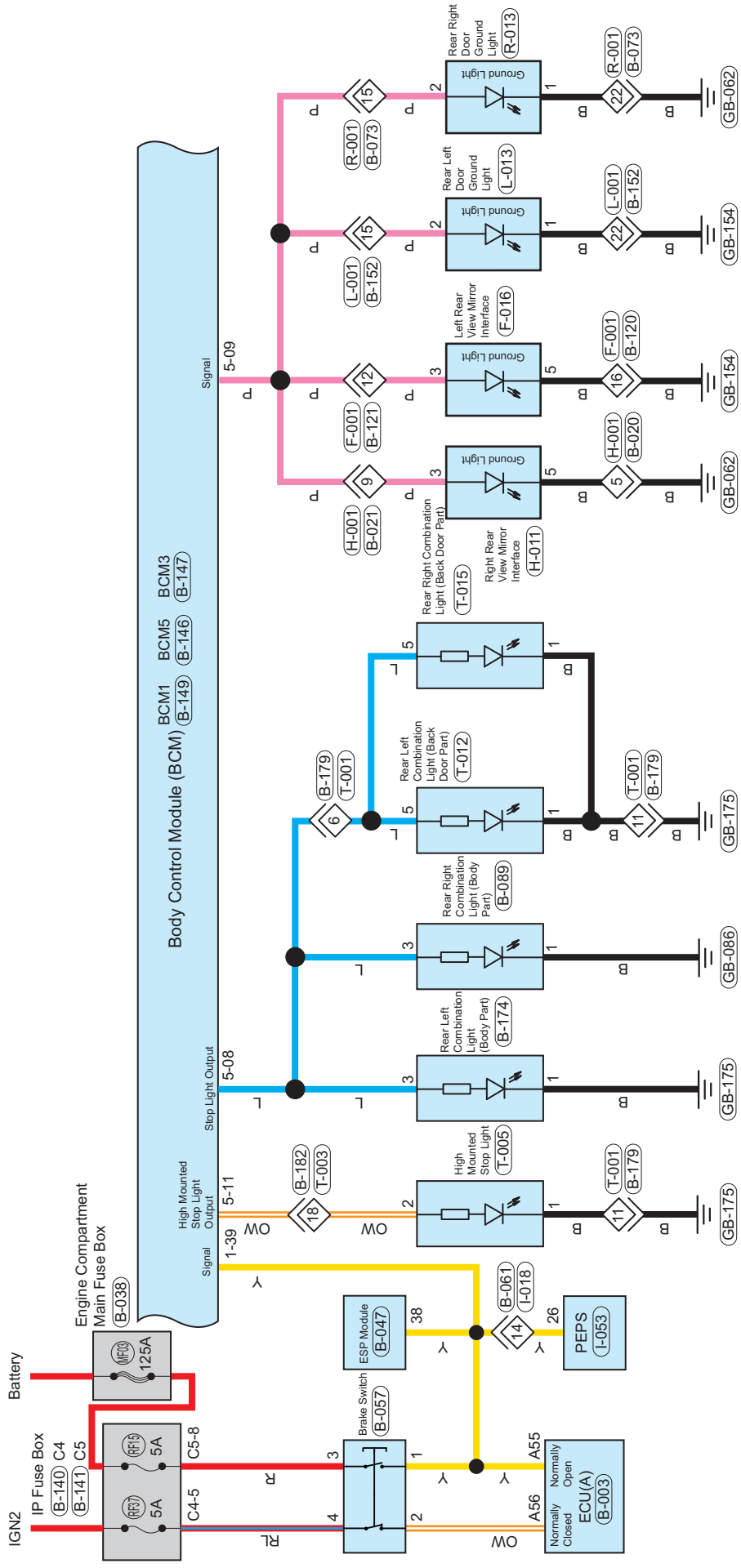


### Body Control Module (BCM)



EWD066002

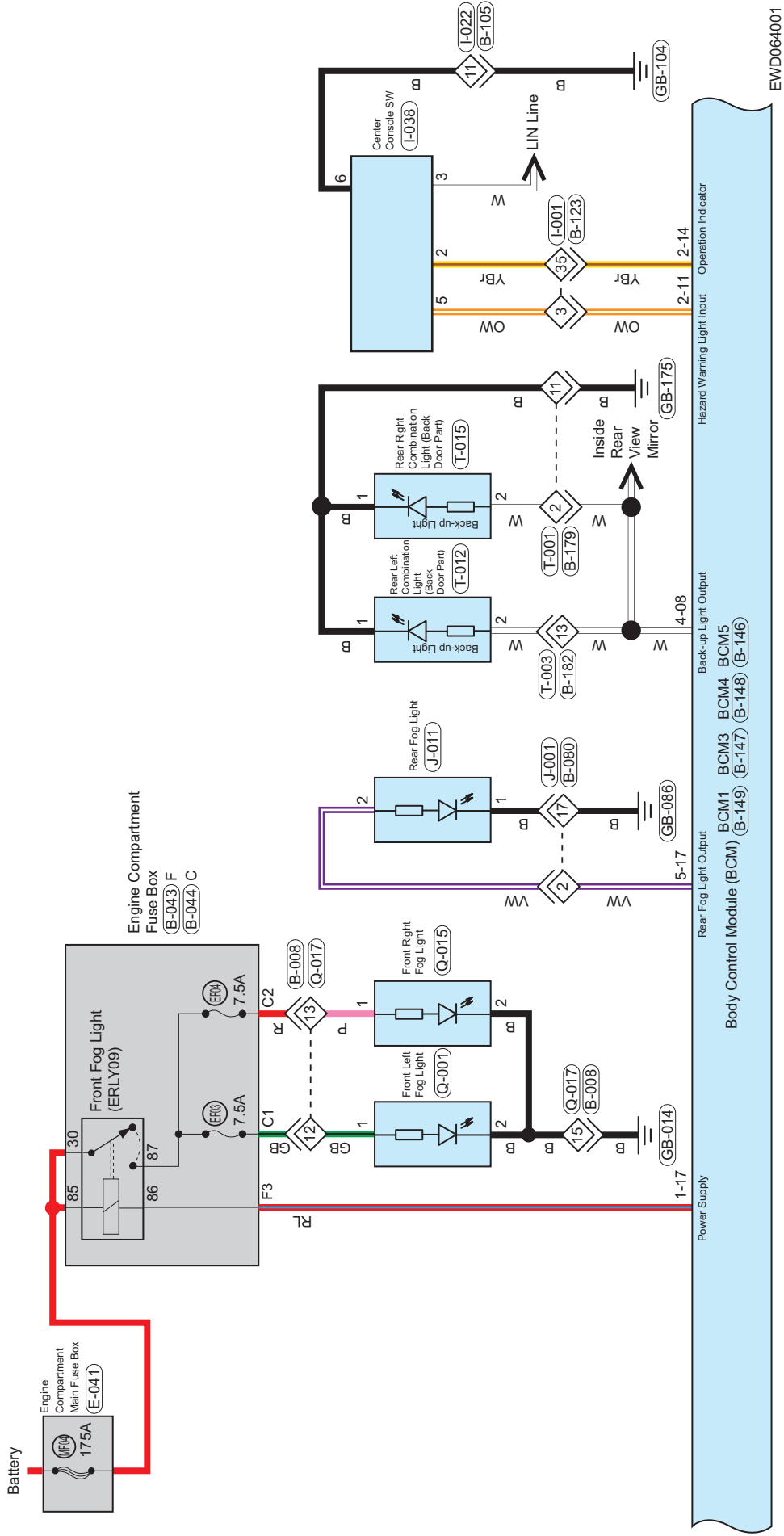
# Body Control Module (BCM)



EWD063001

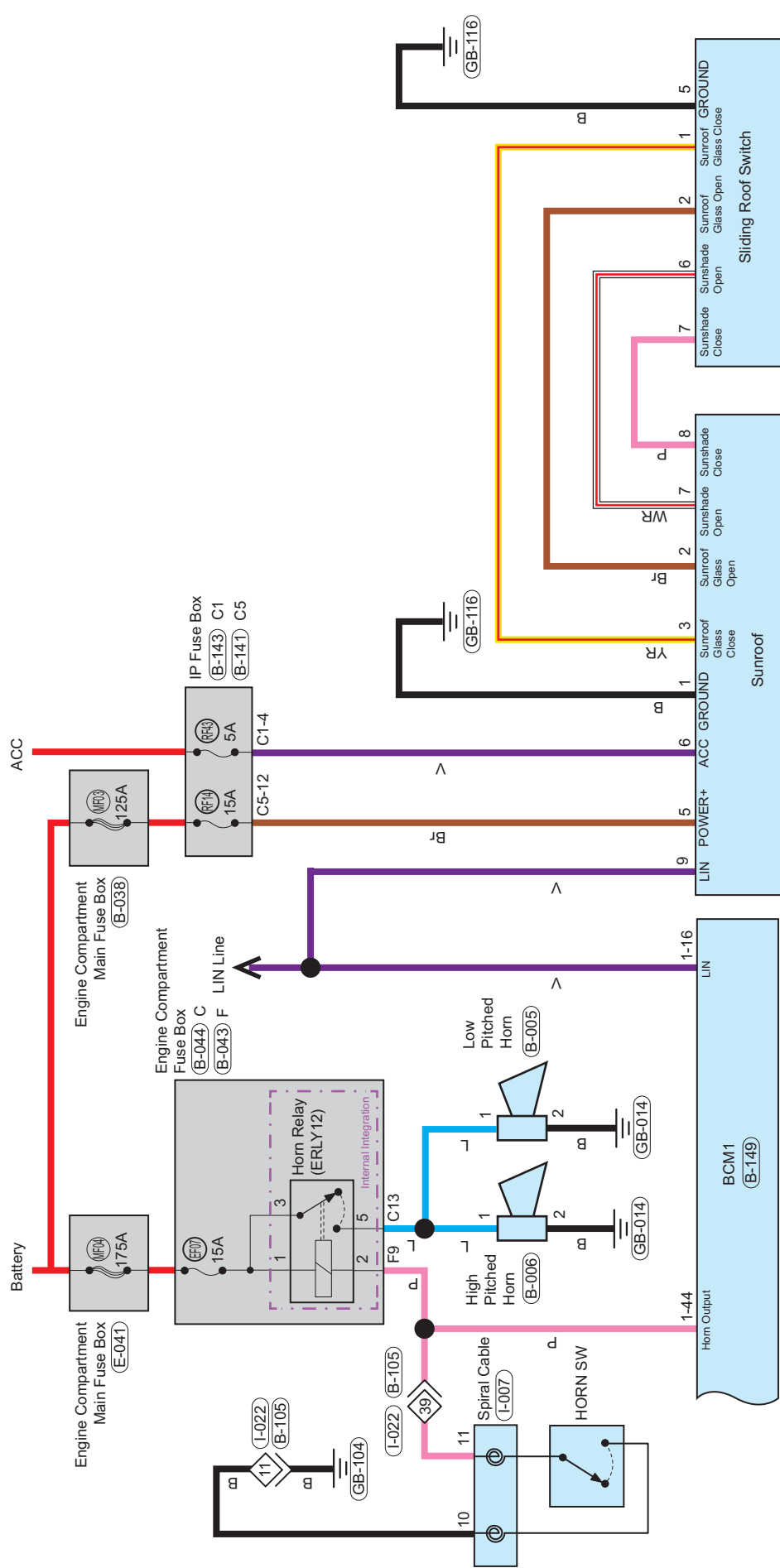


# Body Control Module (BCM)



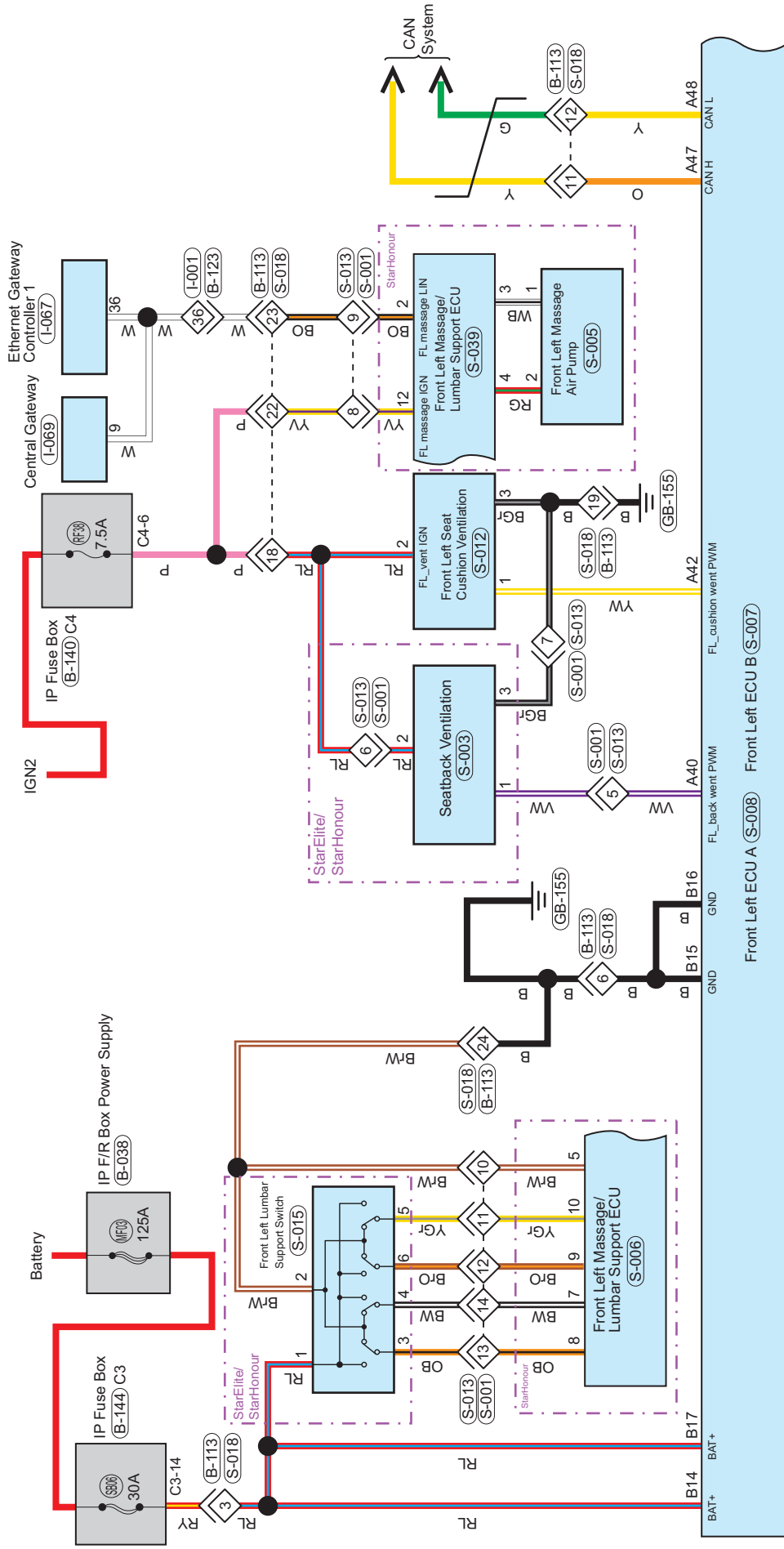
EWD064001

# Body Control Module (BCM)



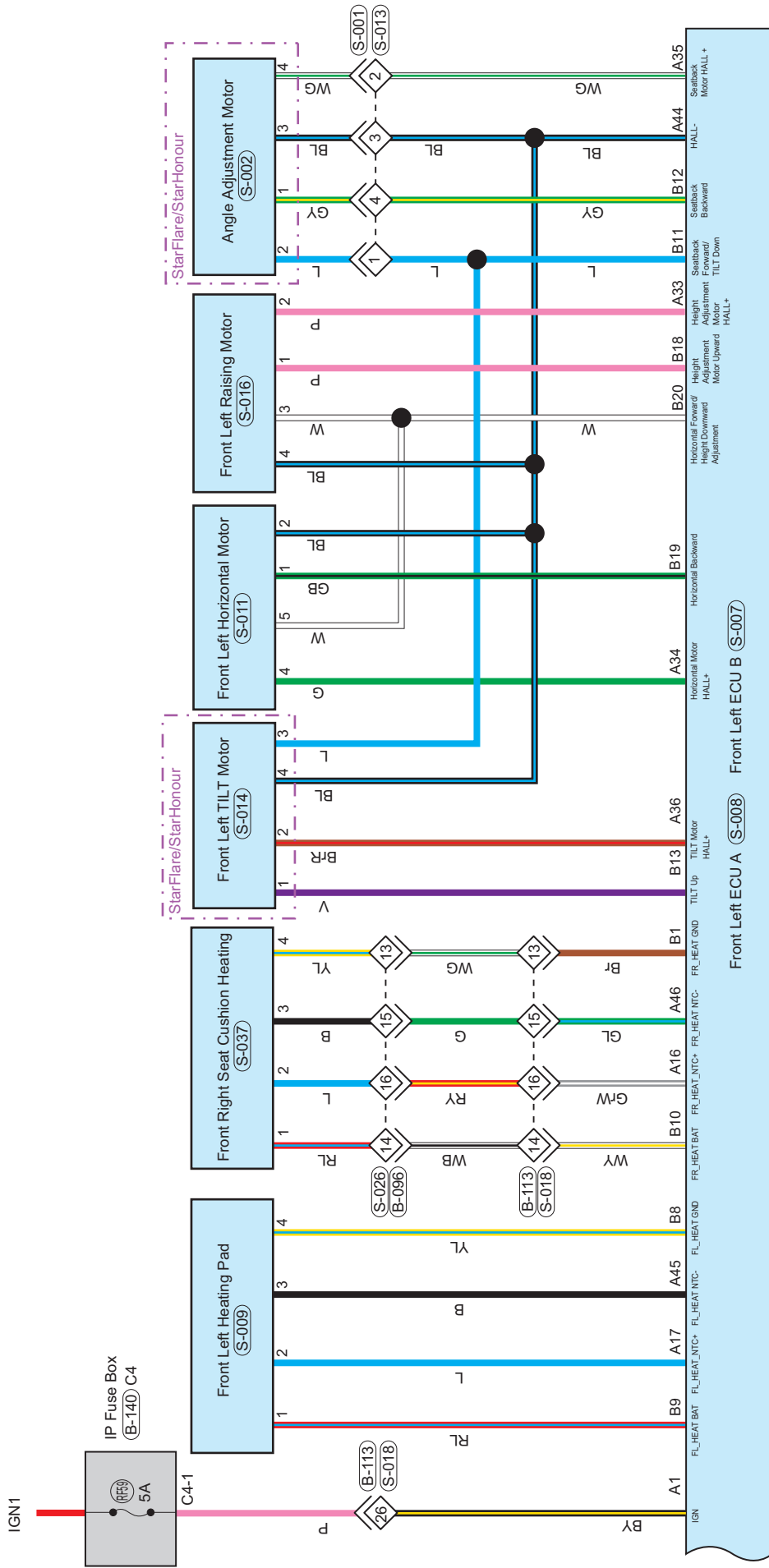
EWD067001

# Seat Control Module (SCU)



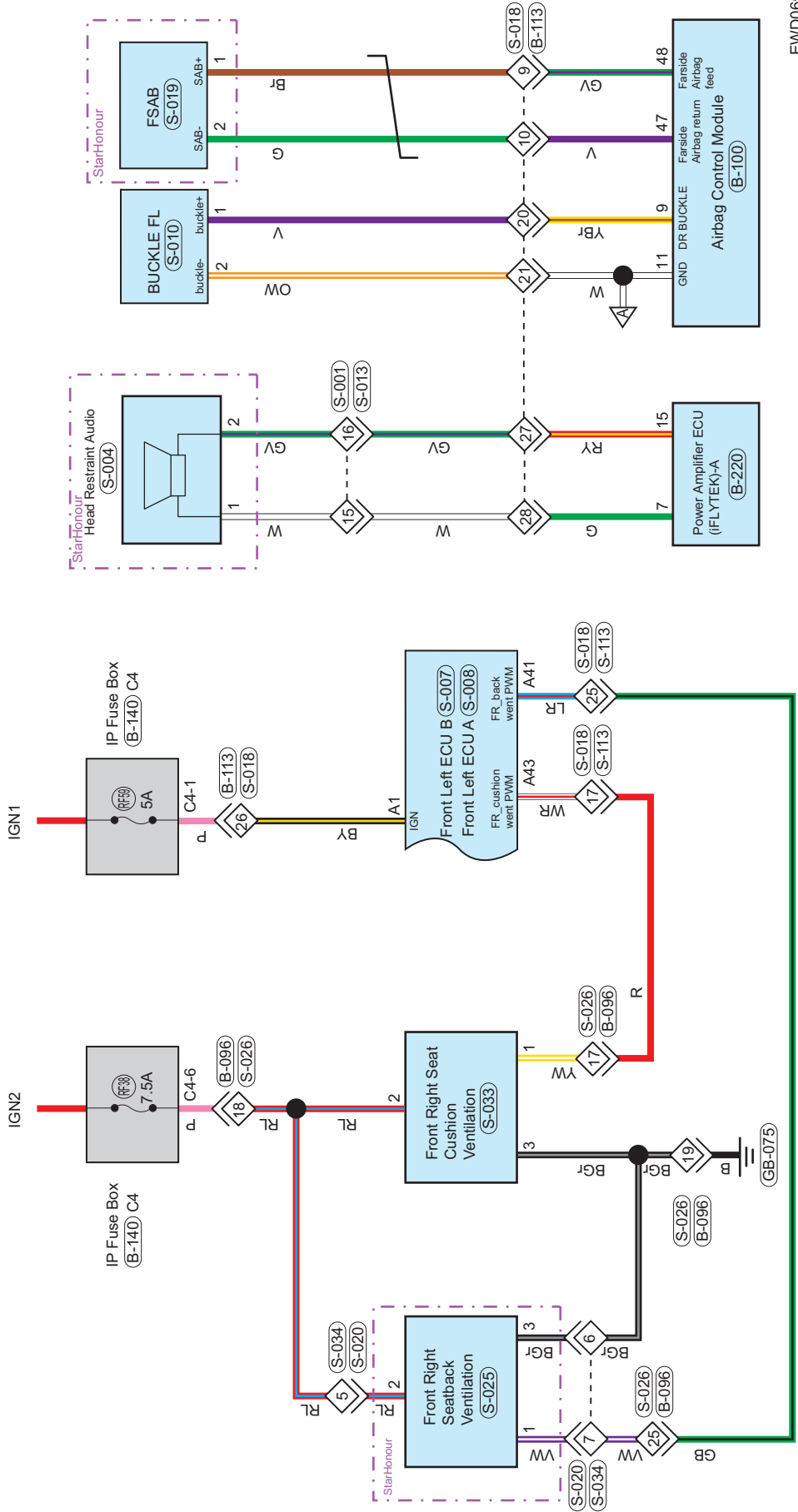
EWD065001

# Seat Control Module (SCU)



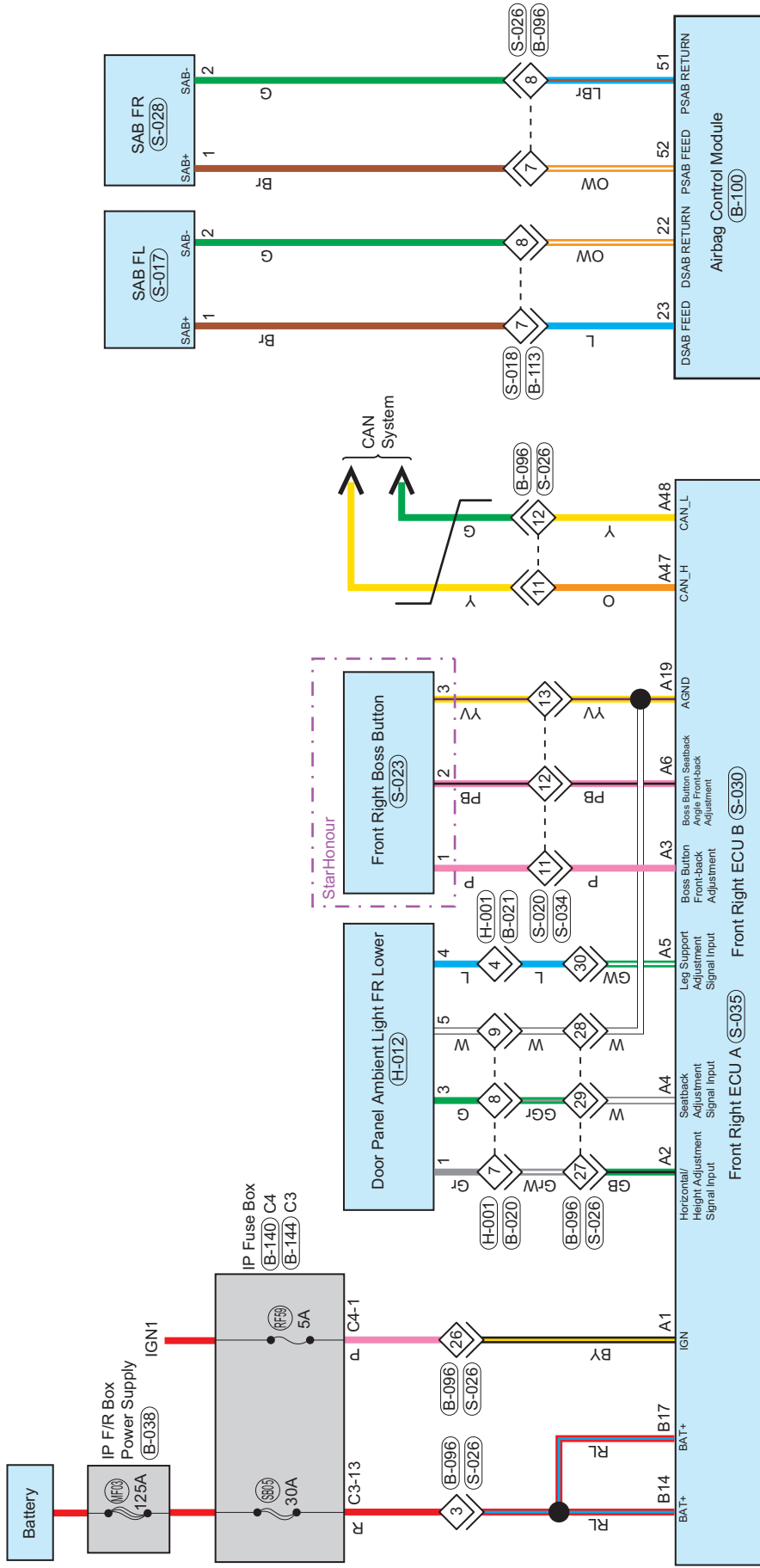
EWD065002

# Seat Control Module (SCU)



EWD065003

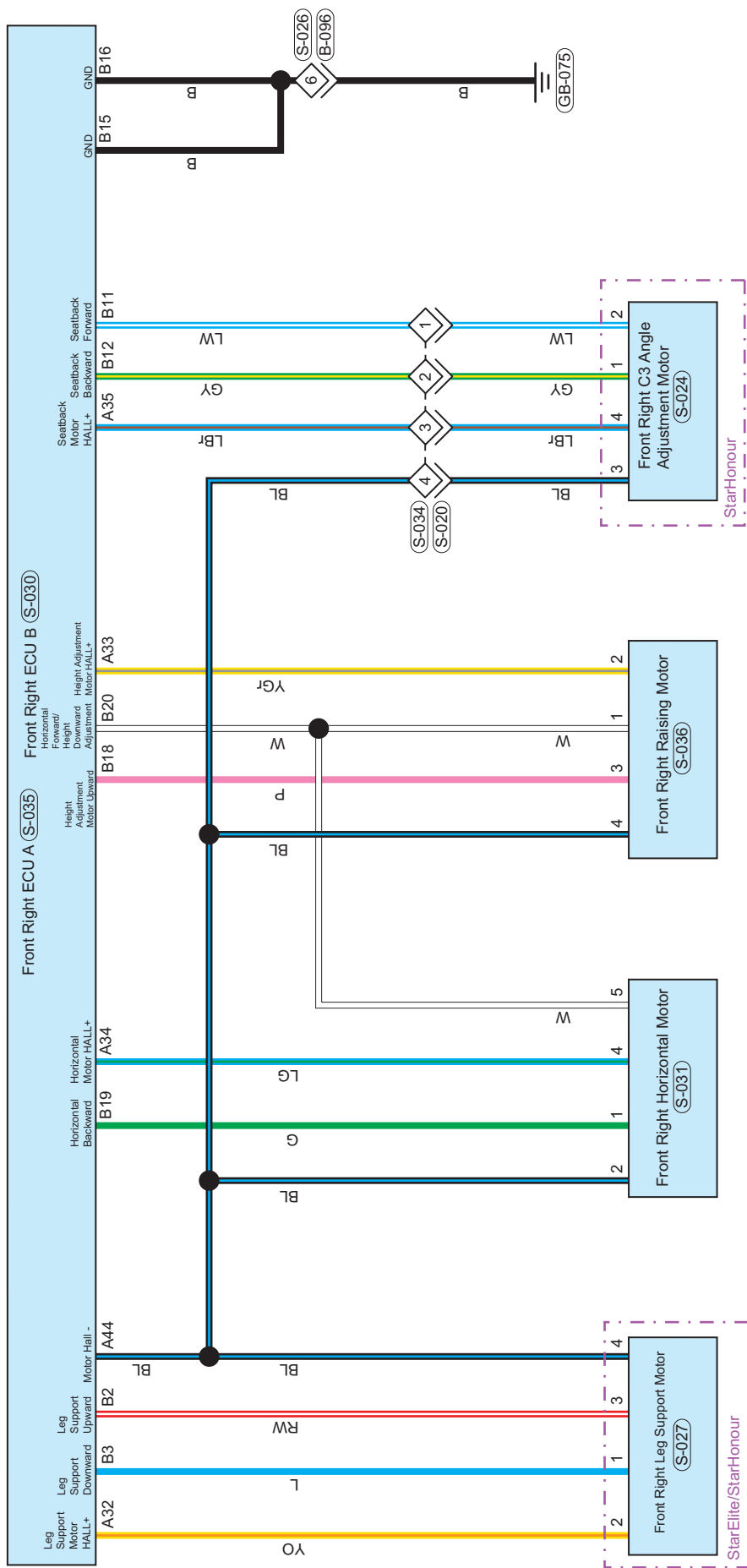
# Seat Control Module (SCU)



EWD065004

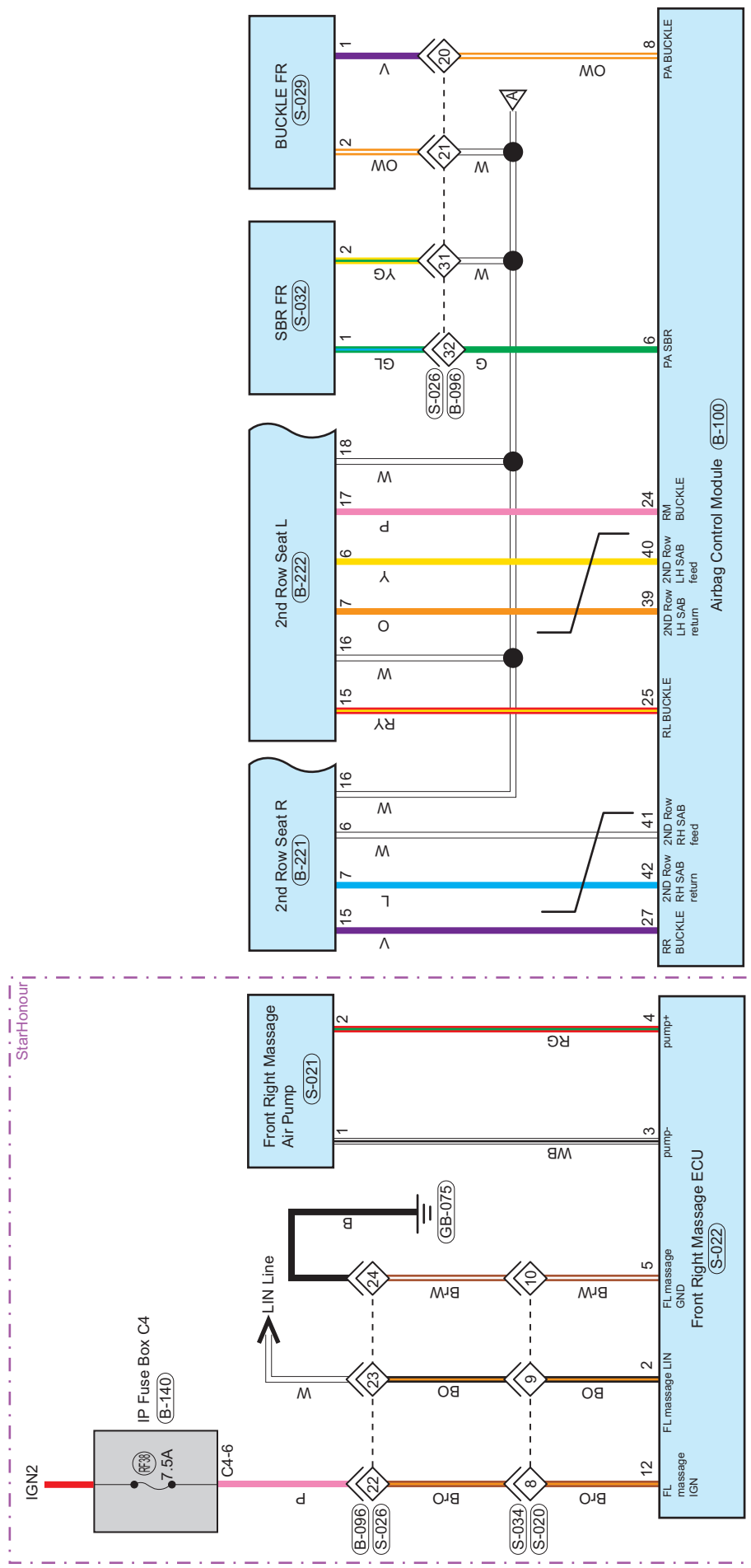


# Seat Control Module (SCU)



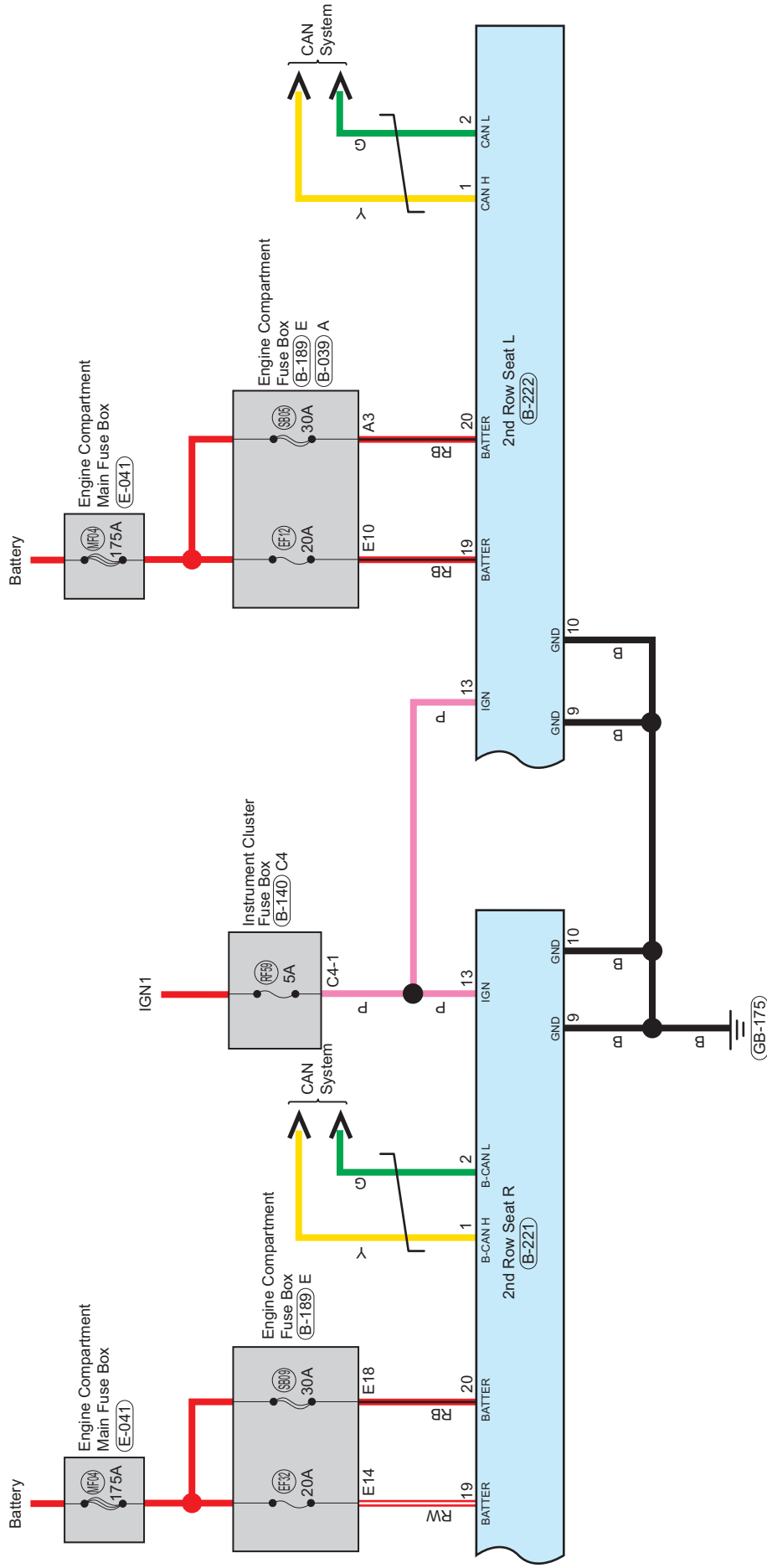
EWD065005

### Seat Control Module (SCU)



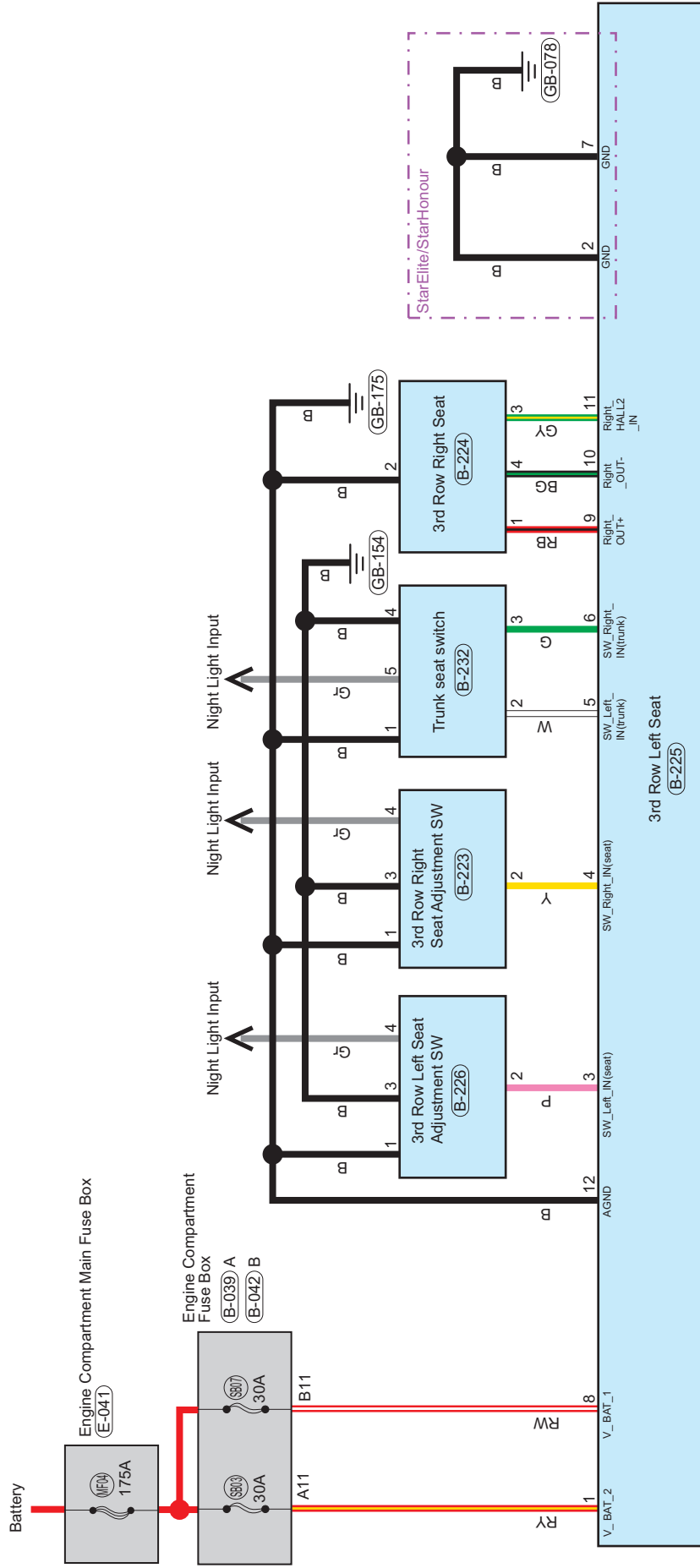
EWD065012

# Seat Control Module (SCU)



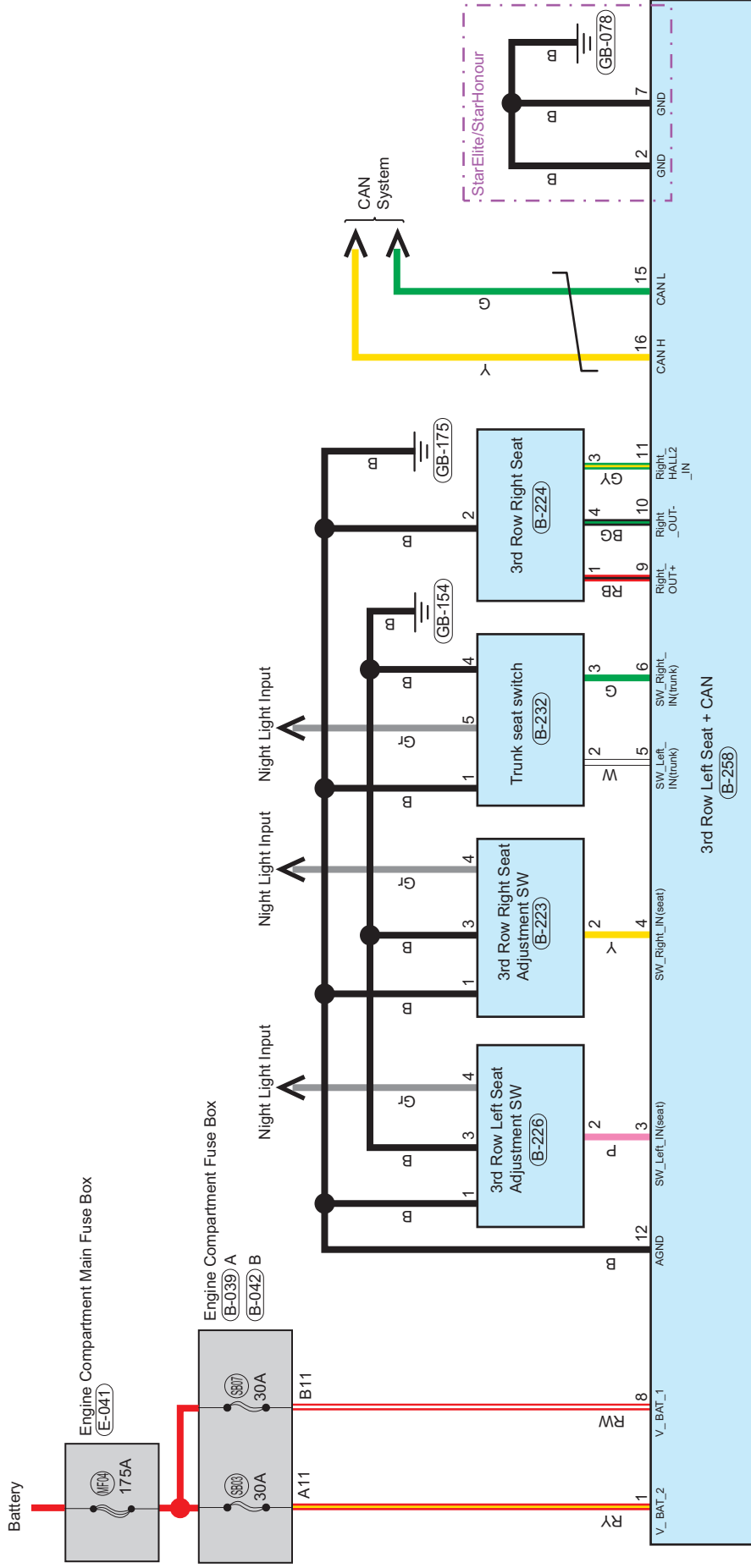
EWD065013

### Seat Control Module (SCU)



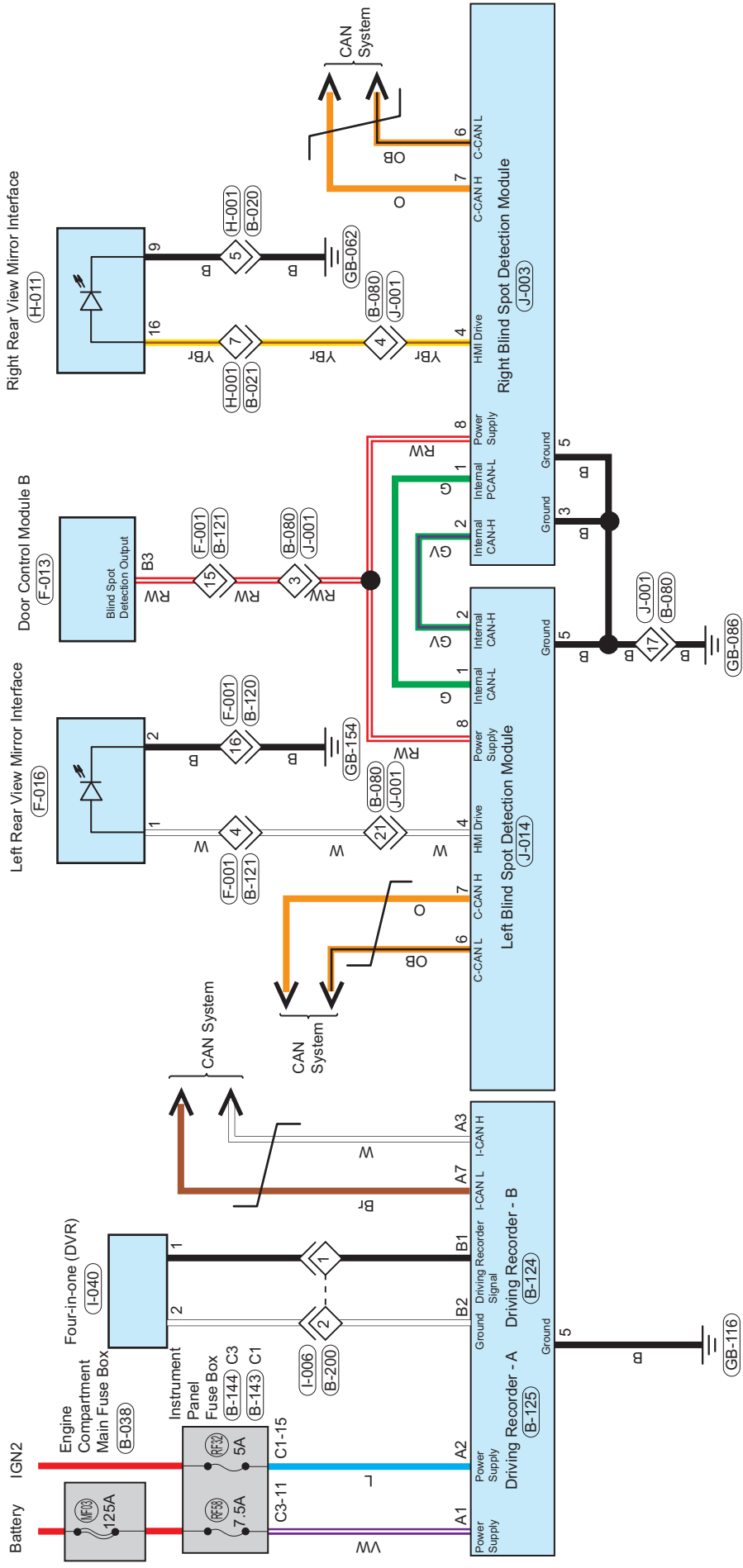
EWD065014

# Seat Control Module (SCU)



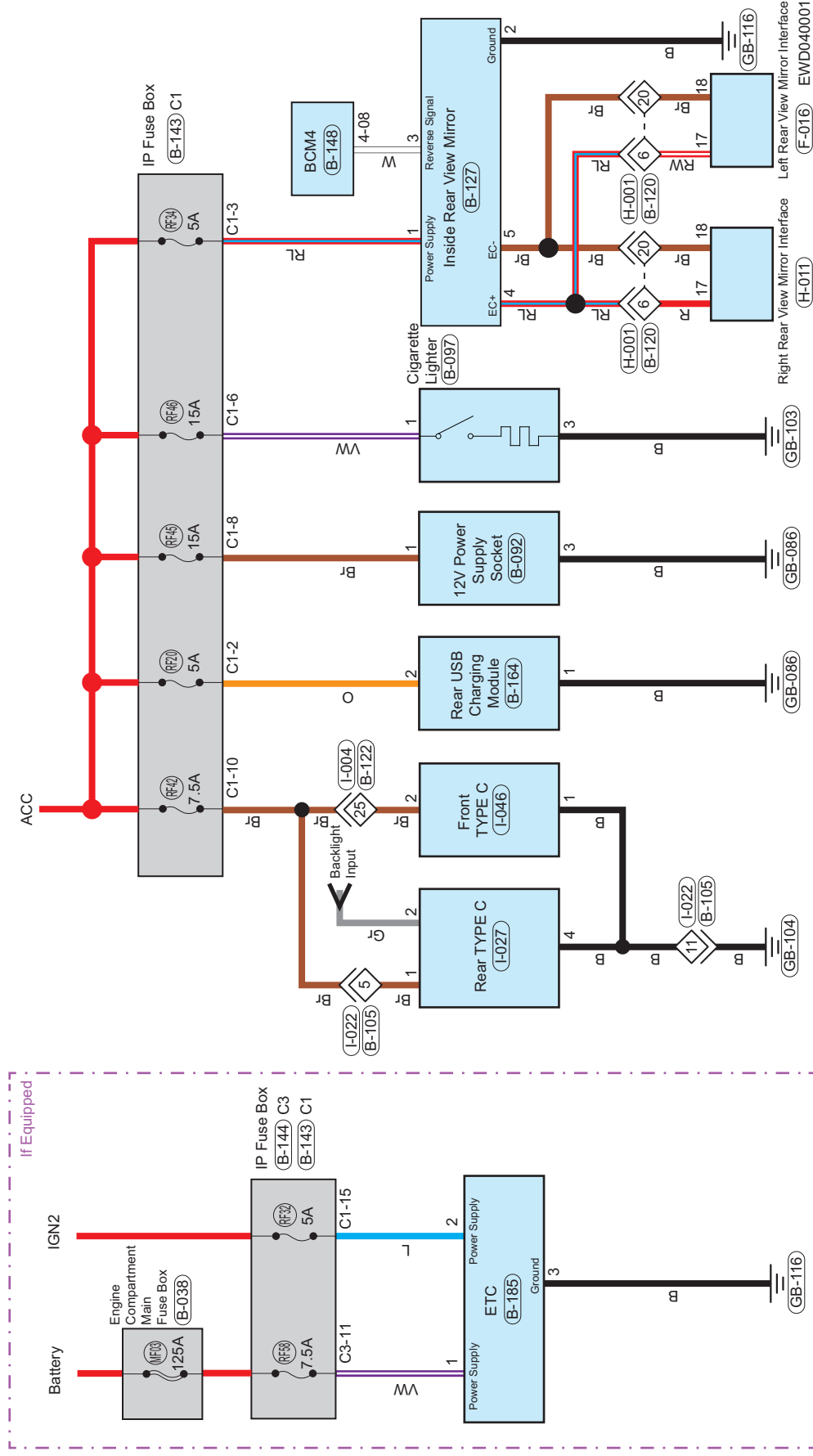
EWD065015

# Drive Recorder (DVR) / Blind Spot Detection System (BSD)

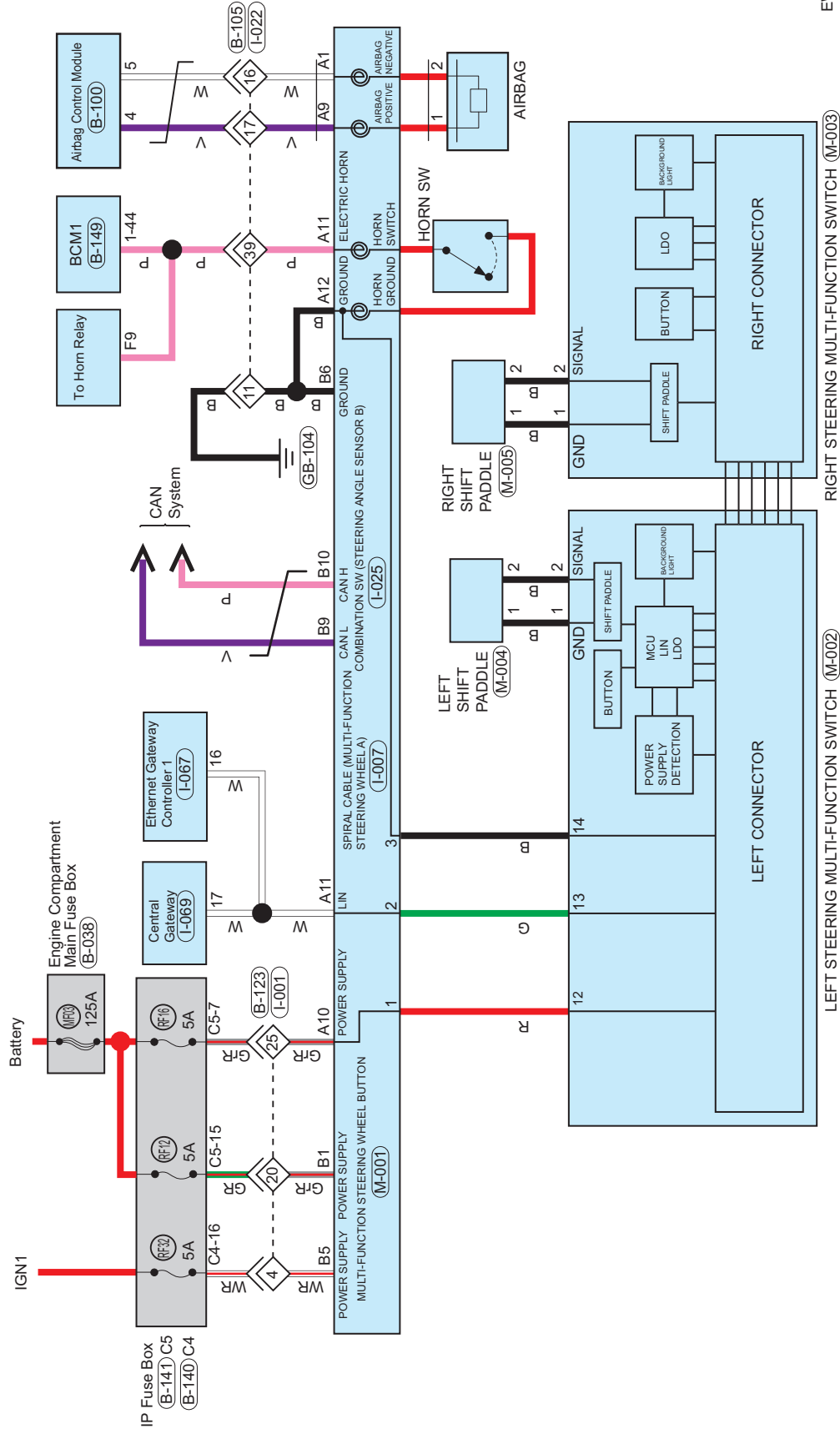


EWD039001

# Backup Power Supply / Wireless Charging System (CWC) / Inside Rear View Mirror / Front Radar Module (FRM) / Front Camera System (FCM)



# Multi-function Steering Wheel / Steering Angle Sensor (SCM)



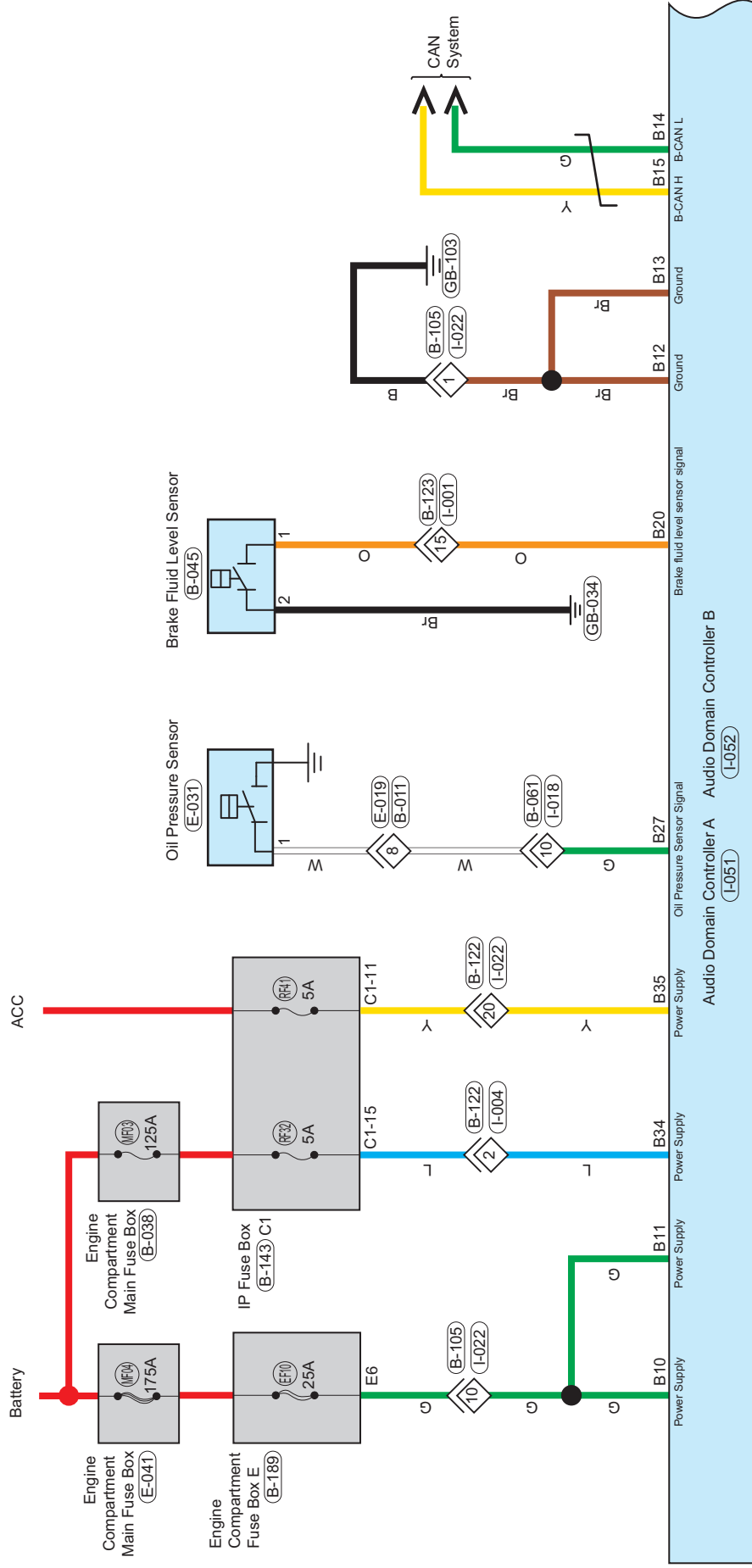
EWD041001

RIGHT STEERING MULTI-FUNCTION SWITCH (M-003)

LEFT STEERING MULTI-FUNCTION SWITCH (M-002)

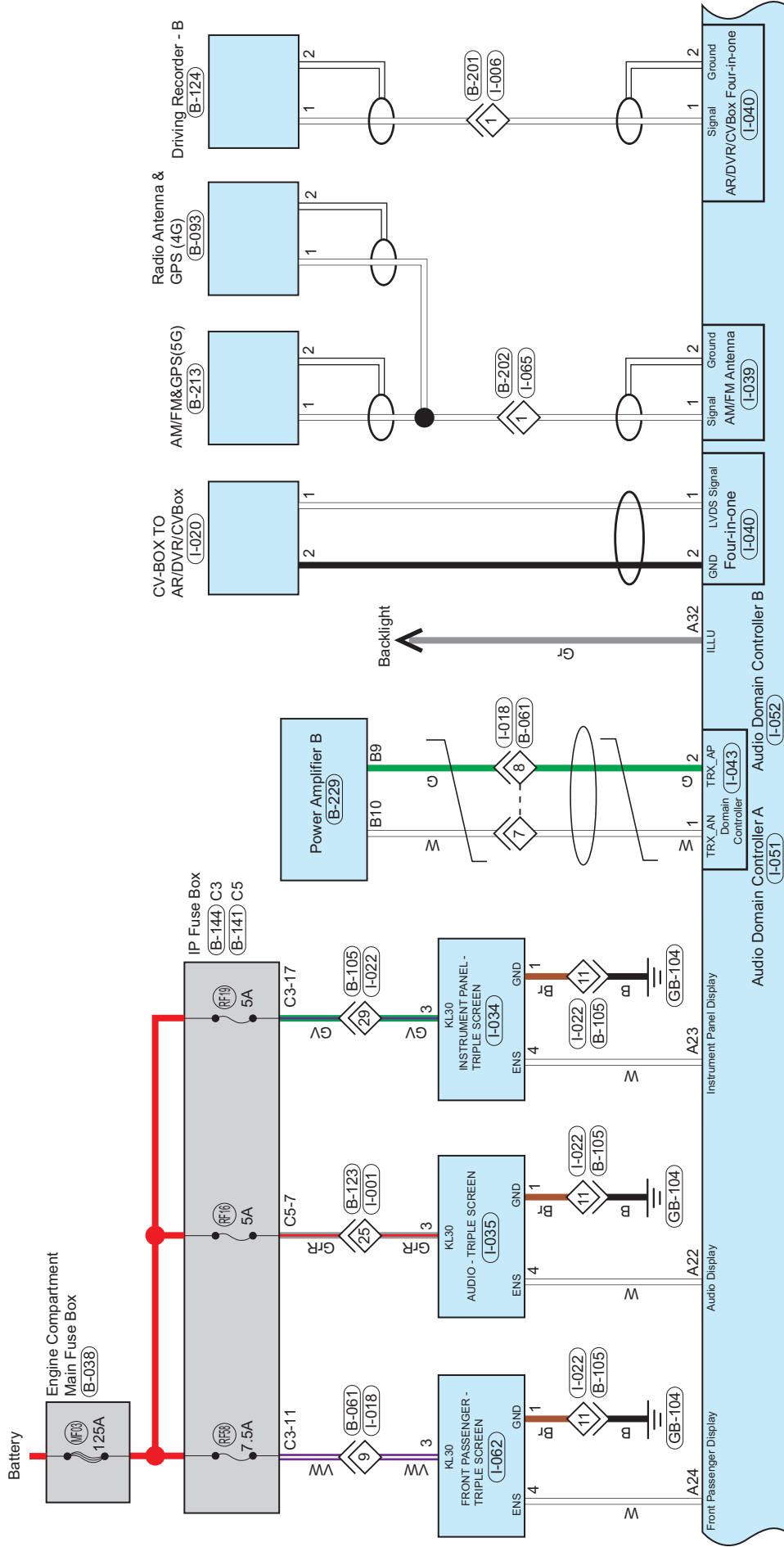


# Domain Controller(Instrument Panel / Audio)



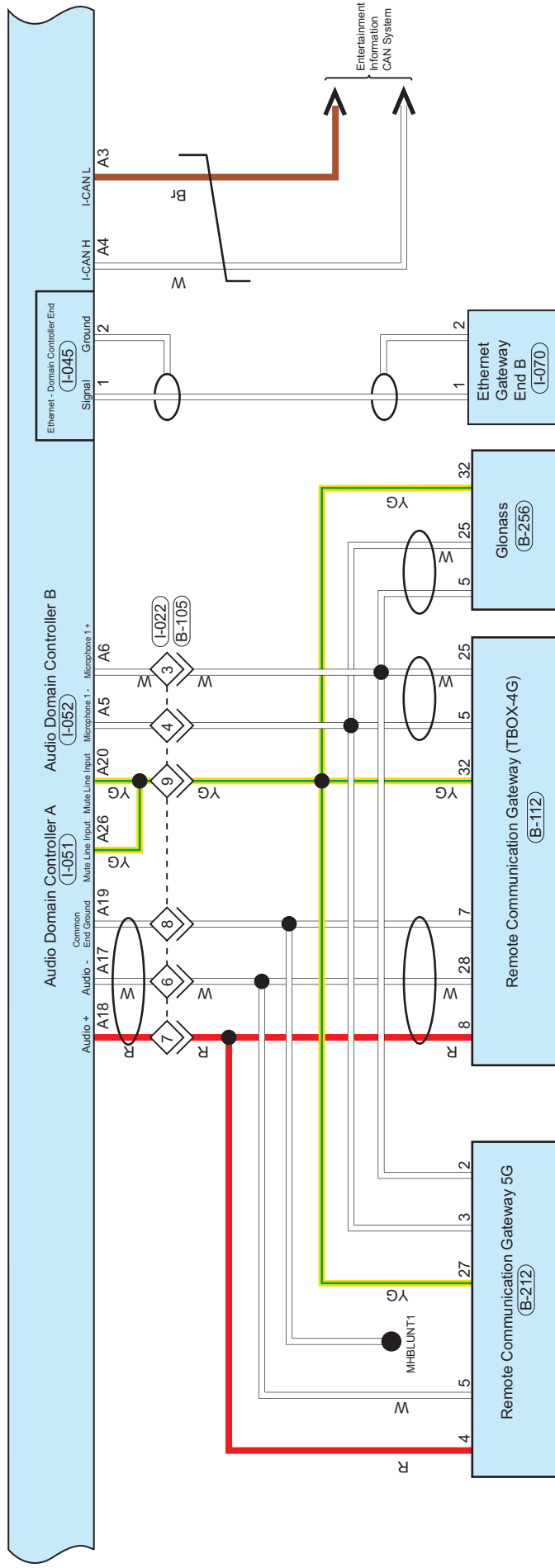
EWD042001

# Domain Controller(Instrument Panel / Audio)



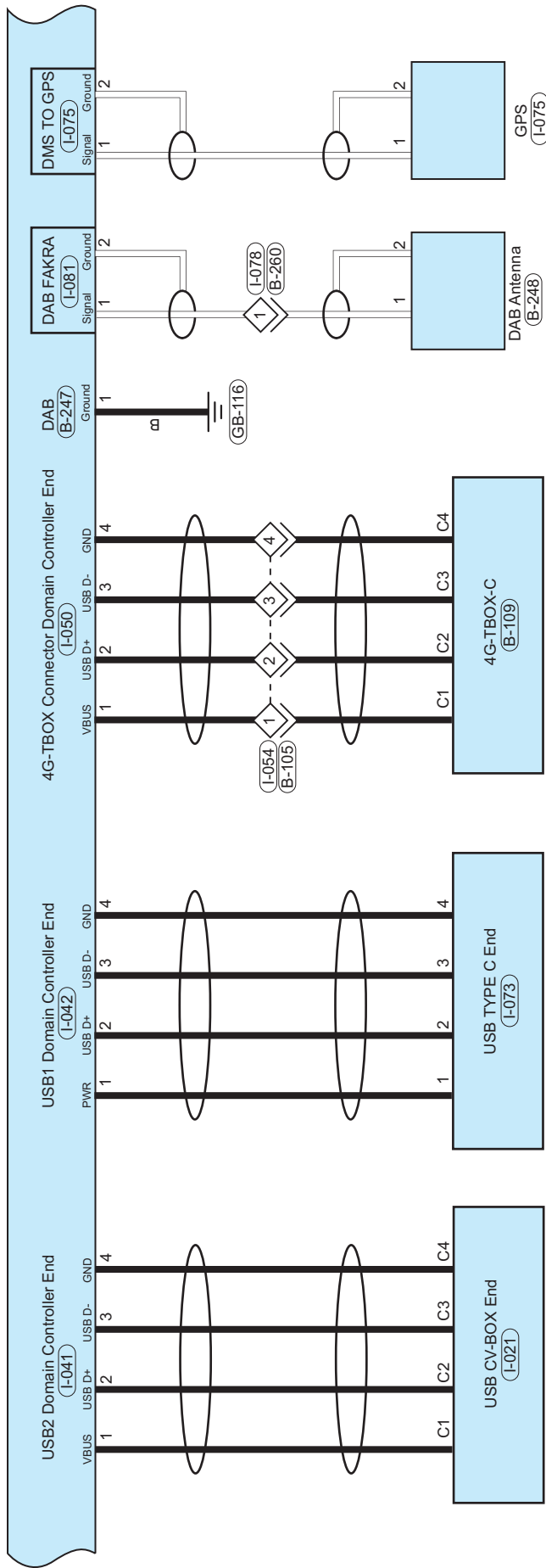
EWD043001

# Domain Controller(Instrument Panel / Audio)



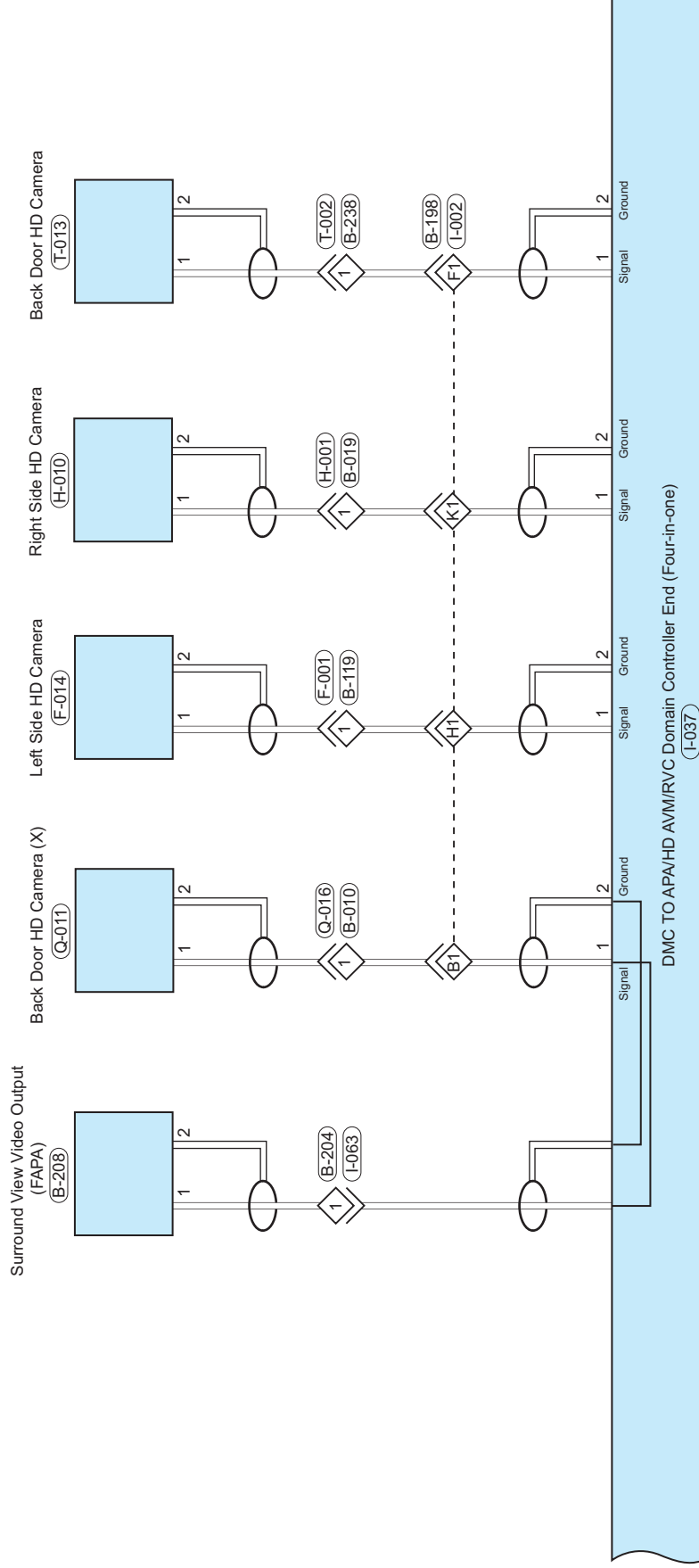
EWD044001

Domain Controller(Instrument Panel / Audio)



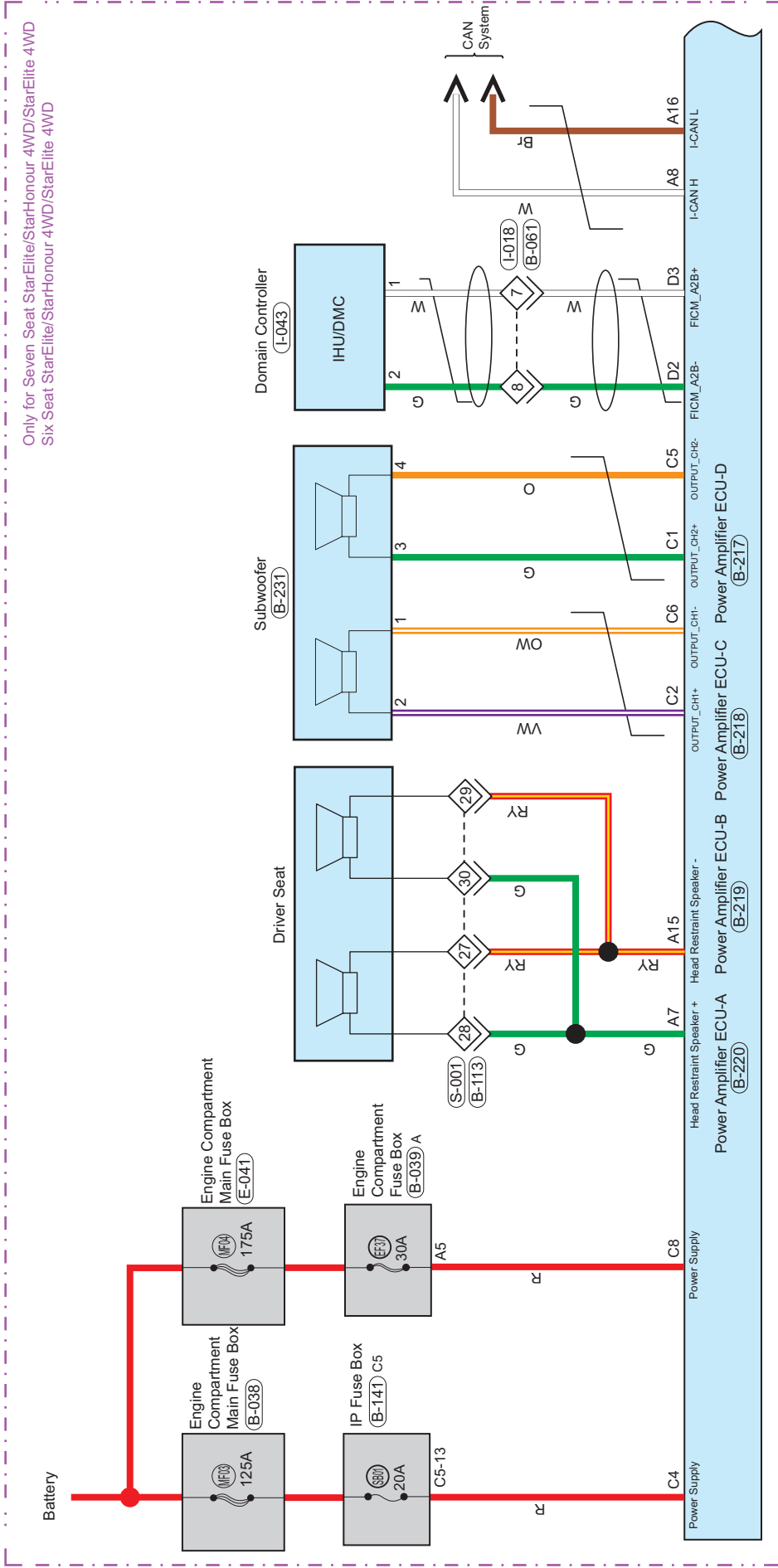


# Domain Controller(Instrument Panel / Audio)



EWD045003

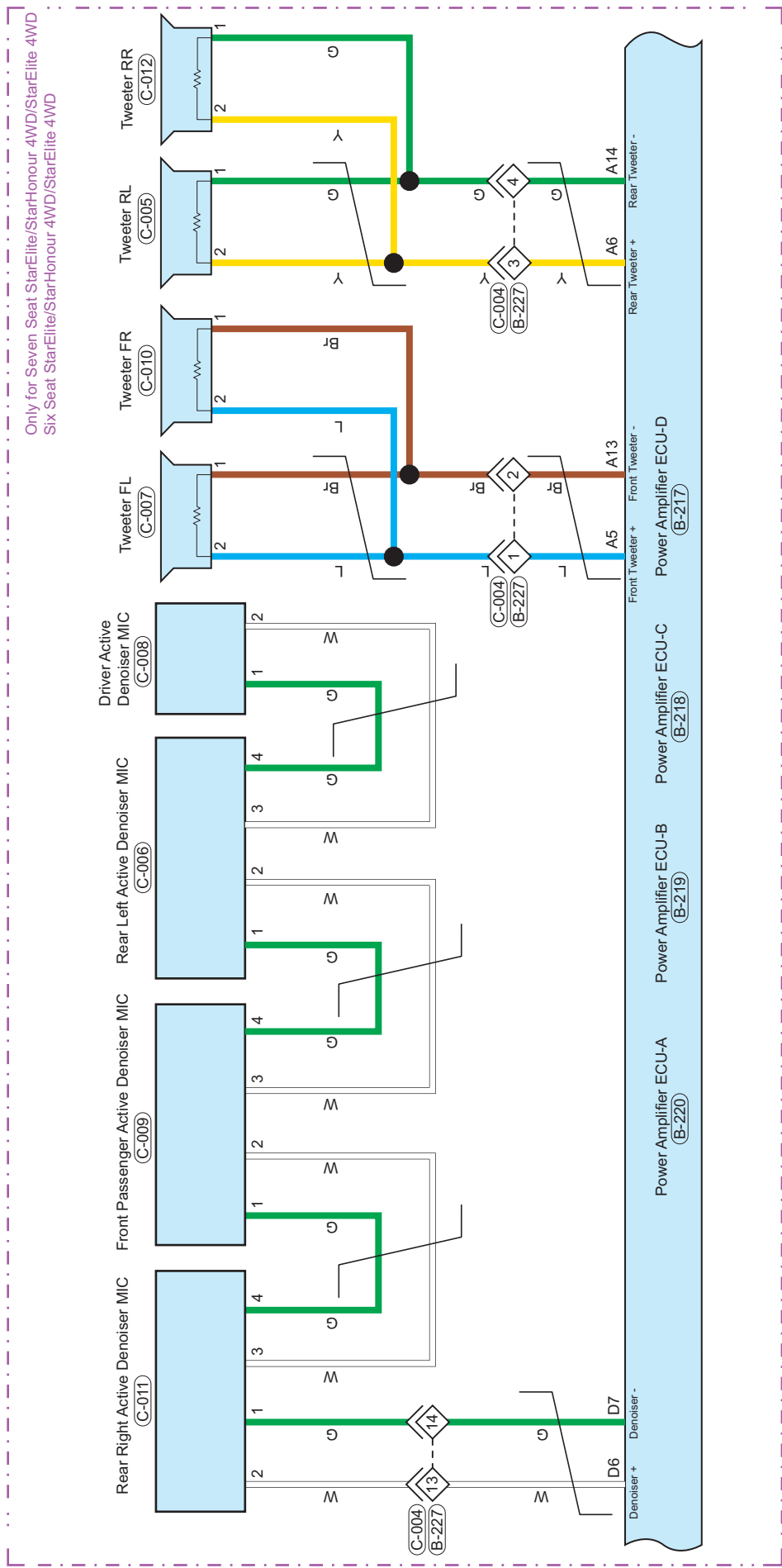
# Power Amplifier (iFLYTEK)



Only for Seven Seat StarElite/StarHonour - 4WD/StarElite 4WD  
Six Seat StarElite/StarHonour 4WD/StarElite 4WD

EWD090001

# Power Amplifier (iFLYTEK)



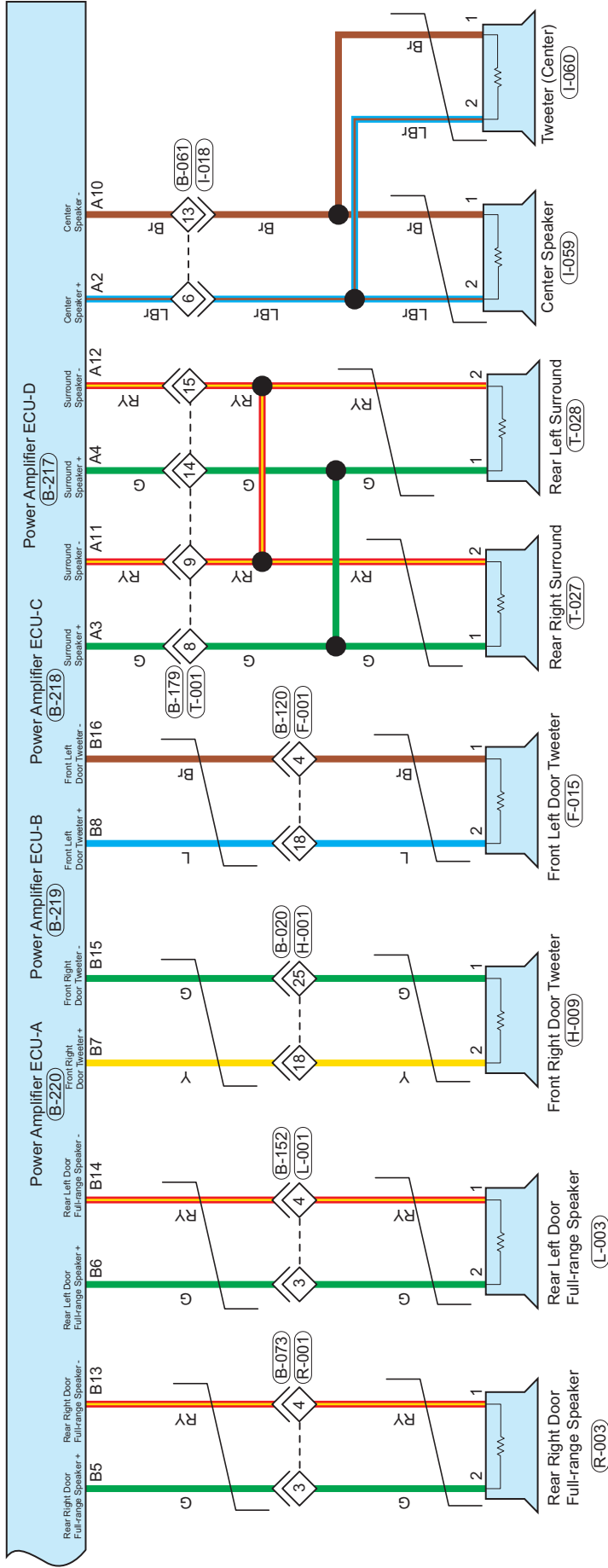
EWD090002





Power Amplifier (iFLYTEK)

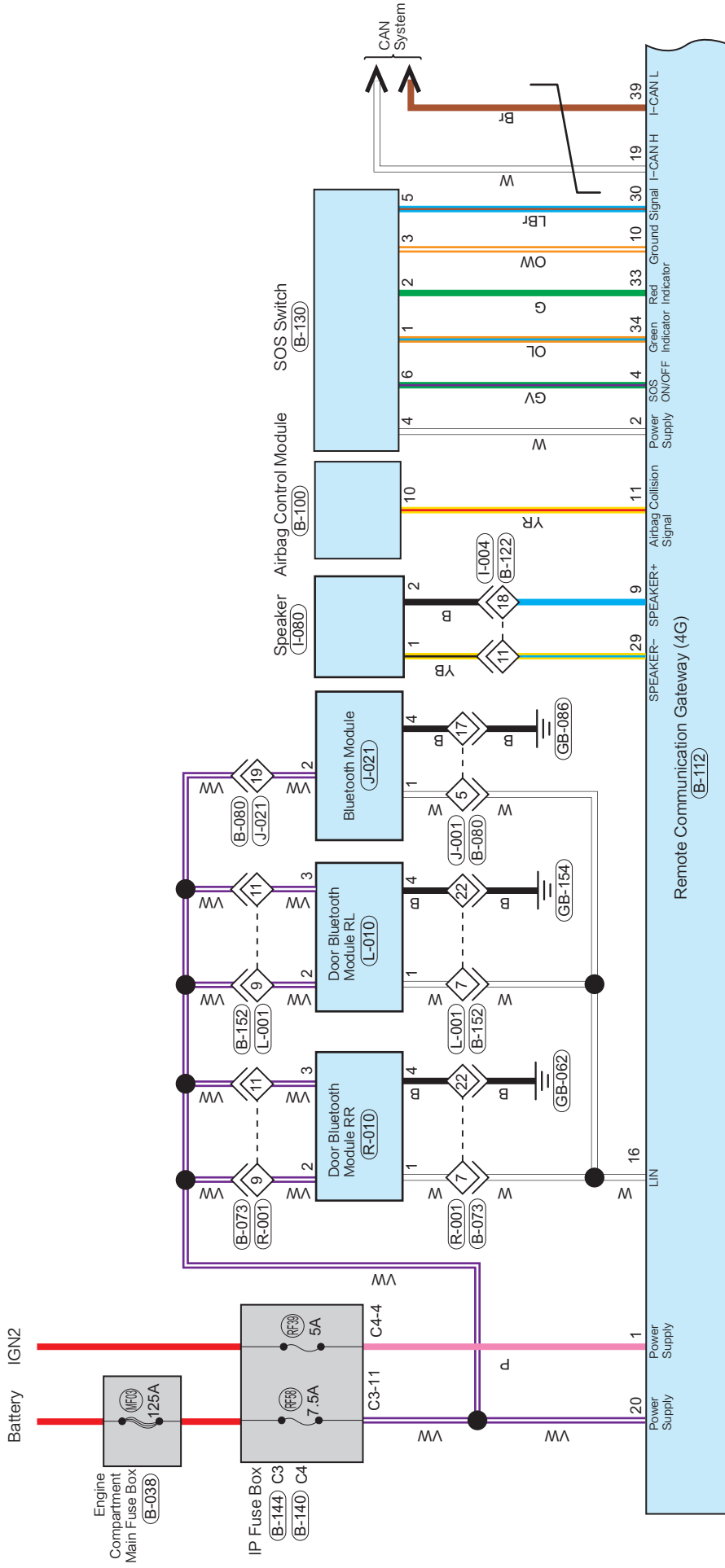
Only for Seven Seat StarElite/StarHonour 4WD/StarElite 4WD  
Six Seat StarElite/StarHonour 4WD/StarElite 4WD



EWD090004

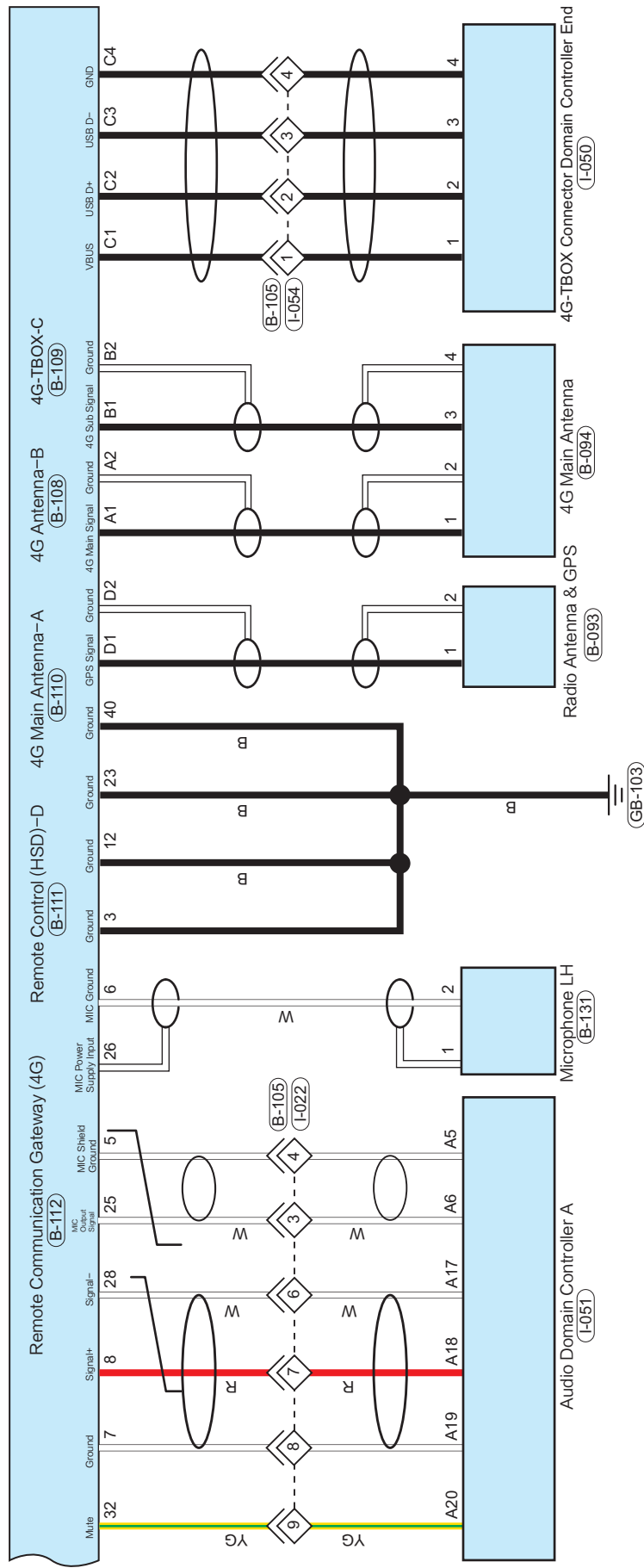


# Information Communication Module (T-BOX) 4G

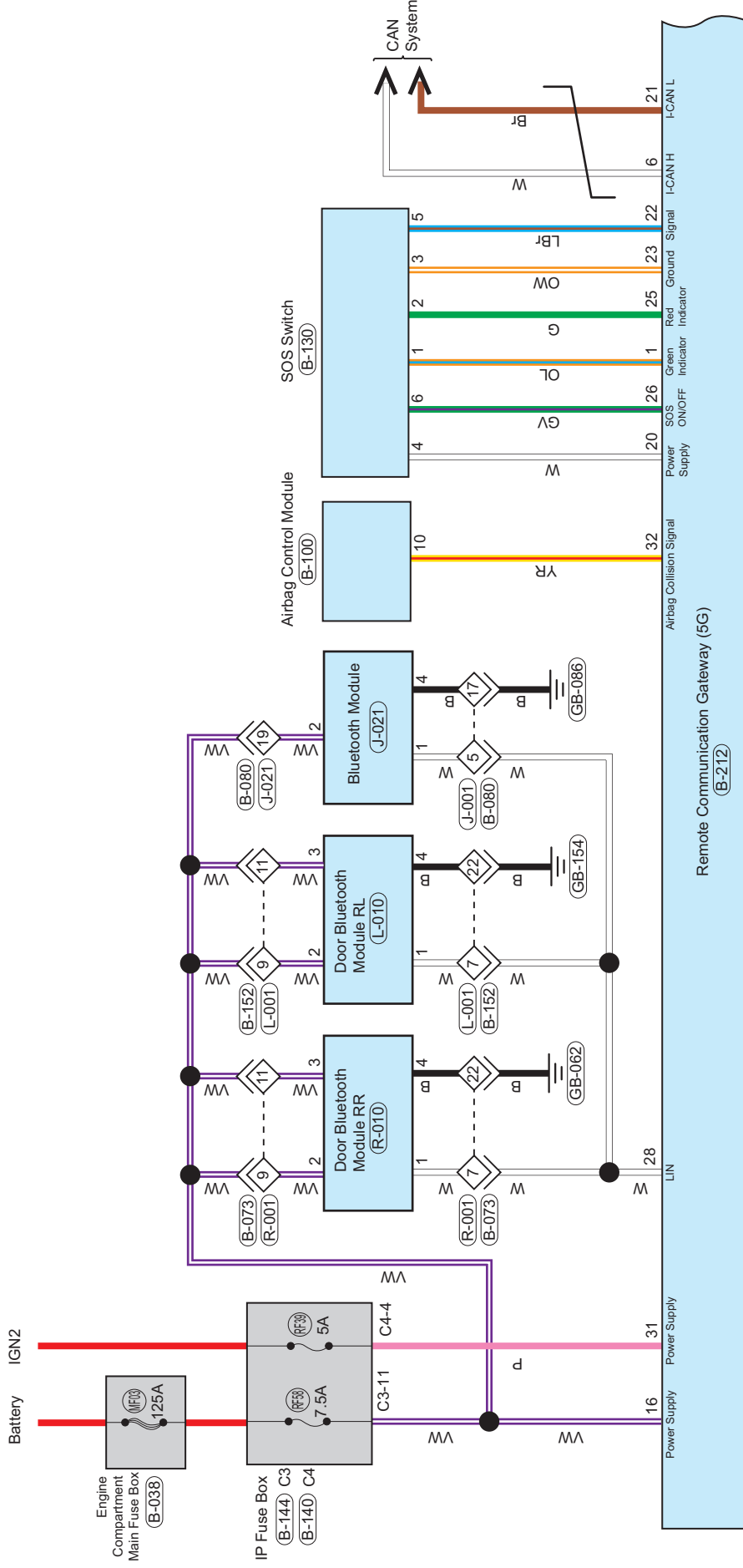


EWD046001

# Information Communication Module (T-BOX) 4G

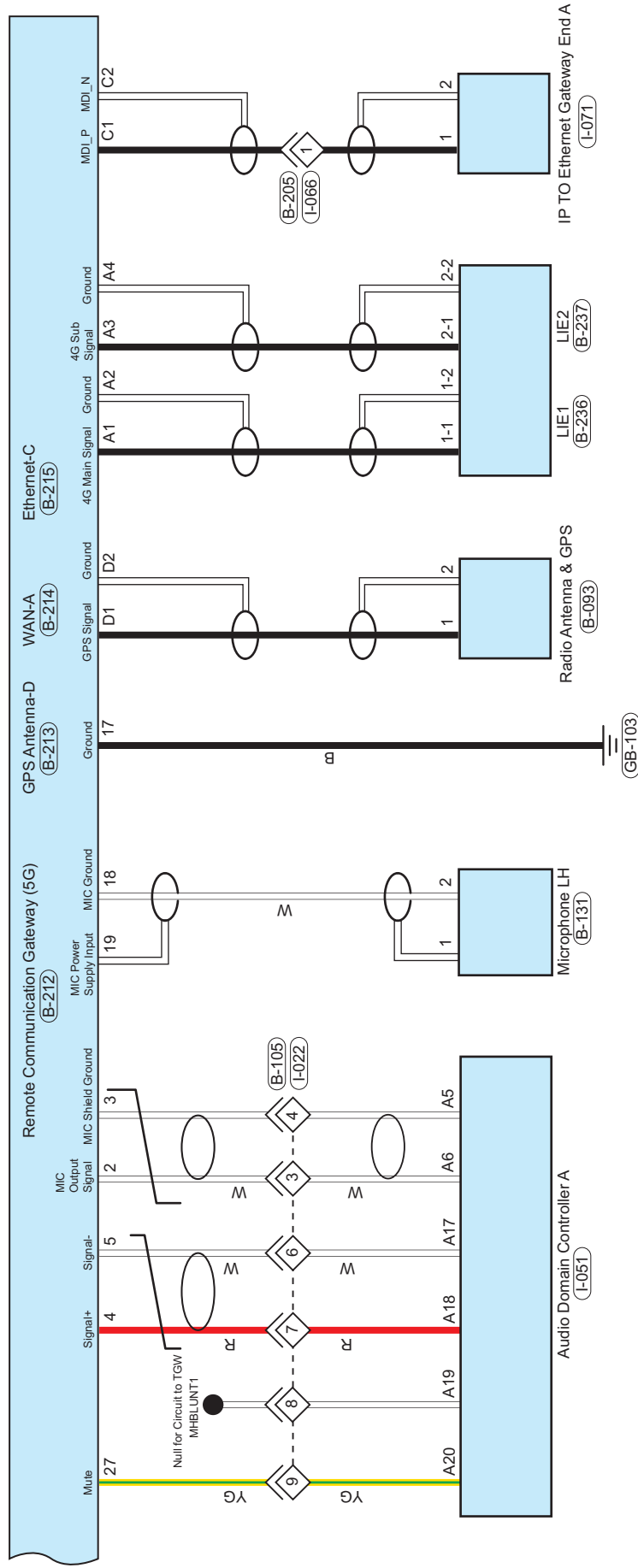


# Information Communication Module (T-BOX) 5G



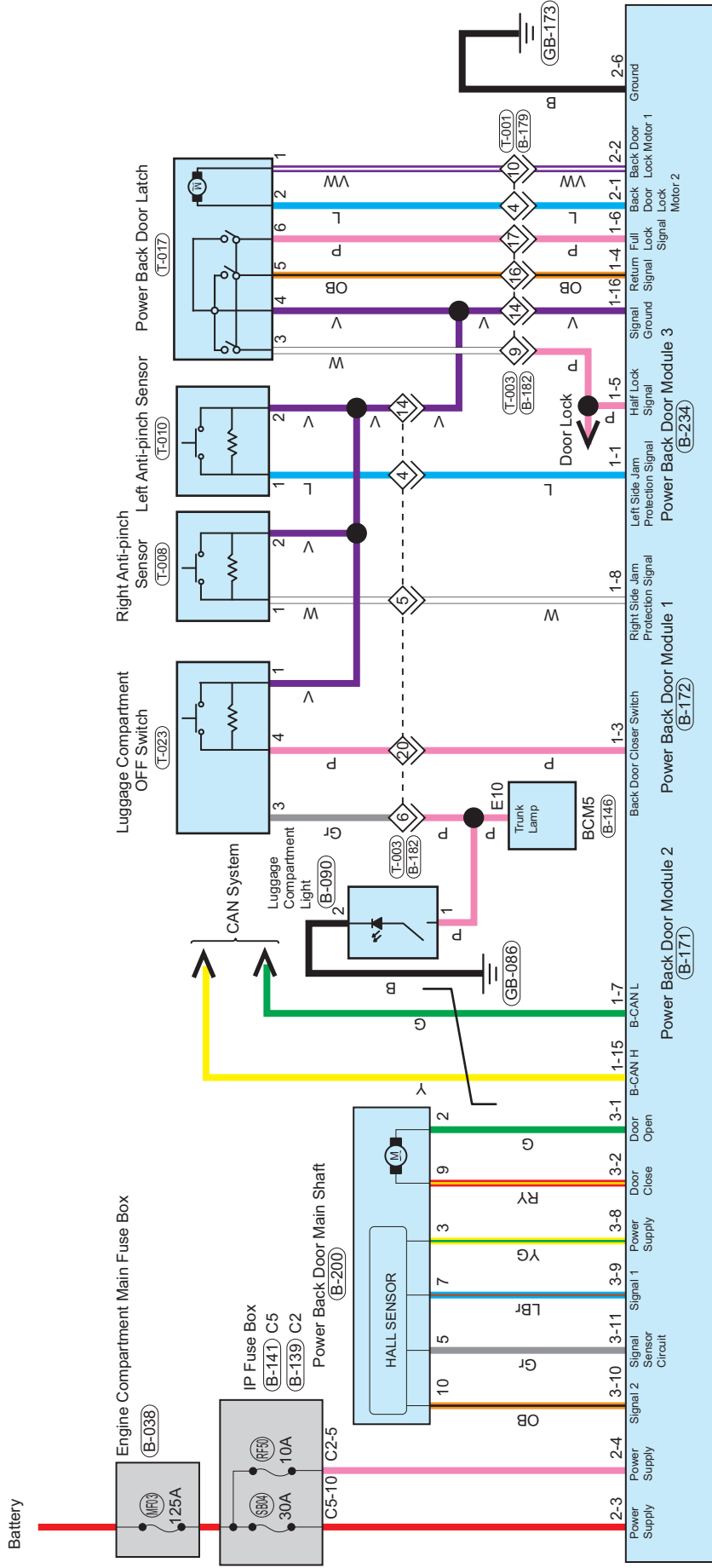
EWD046003

# Information Communication Module (T-BOX) 5G



EWD046004

# Power Back Door System (PLG)

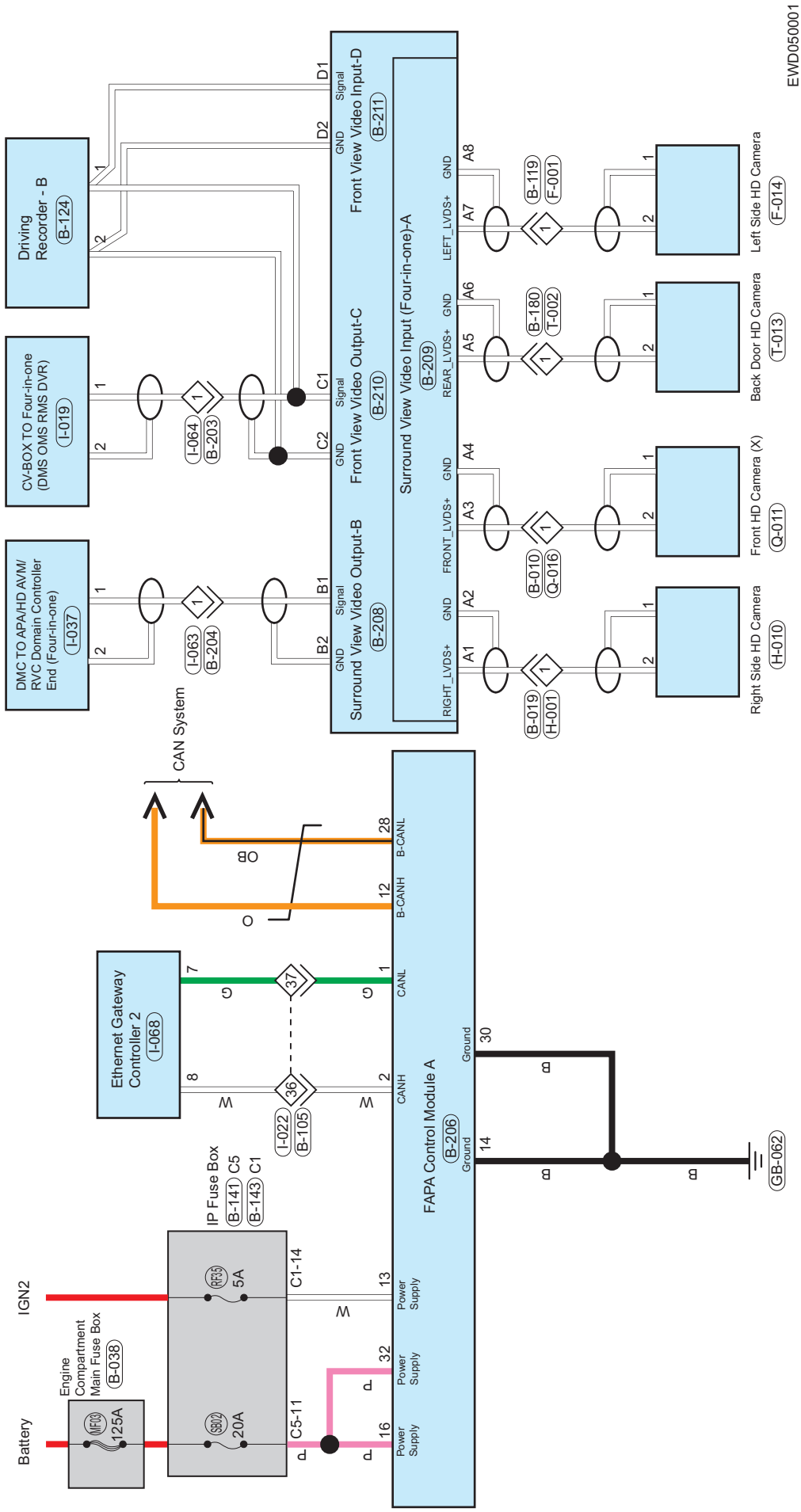


EWD047001



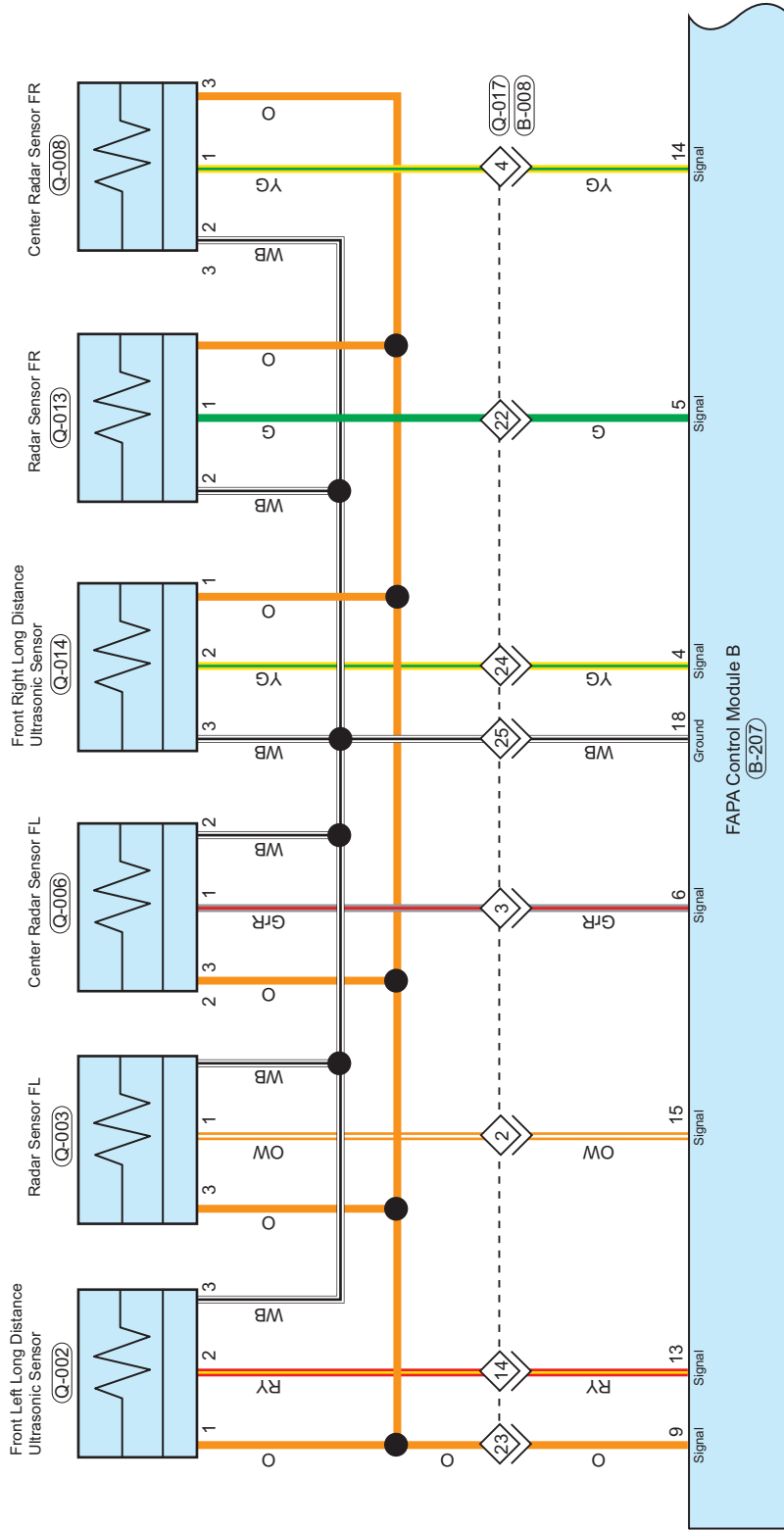


# Panoramic Control System (AVM) (Integrated Automatic Parking Assist System (APA))

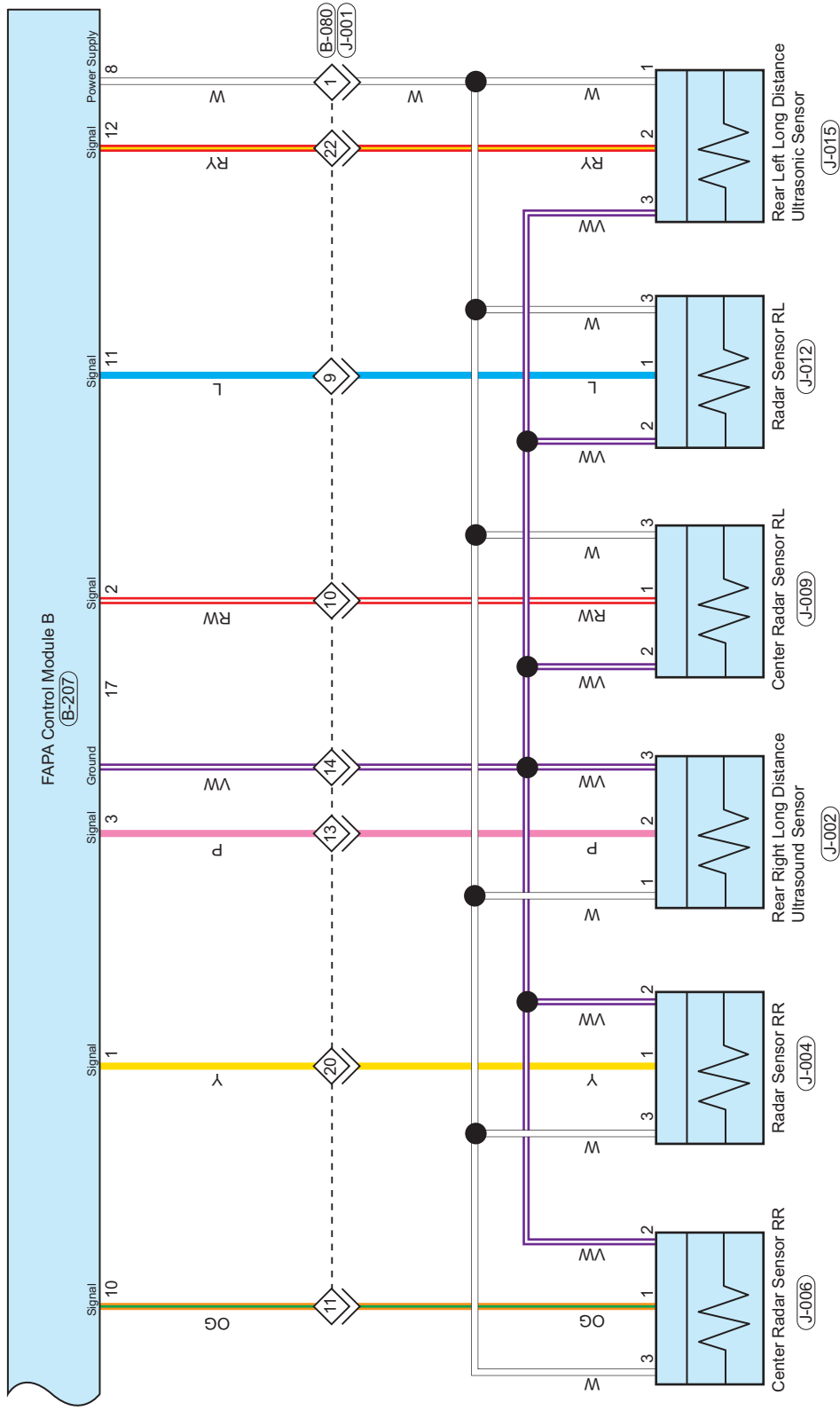


EWD050001

# Panoramic Control System (AVM) (Integrated Automatic Parking Assist System (APA))

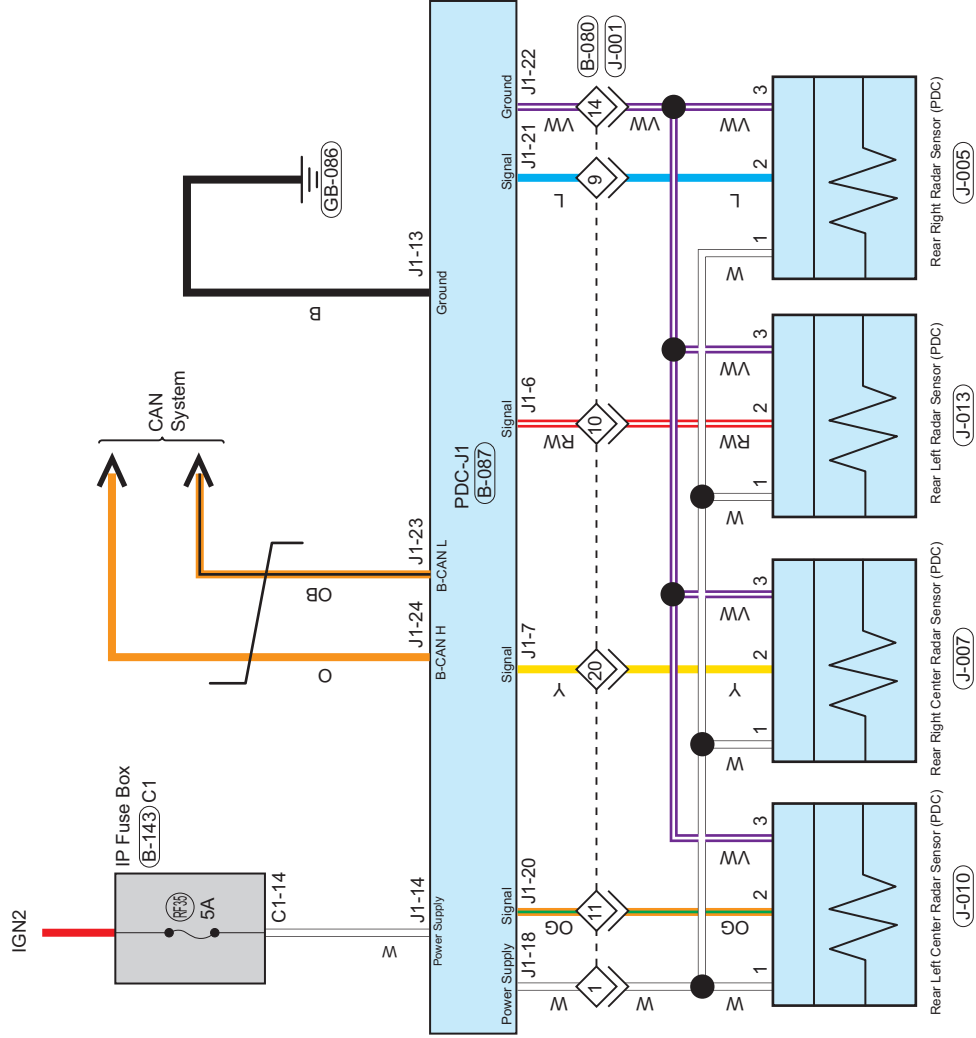


# Panoramic Control System (AVM) (Integrated Automatic Parking Assist System (APA))



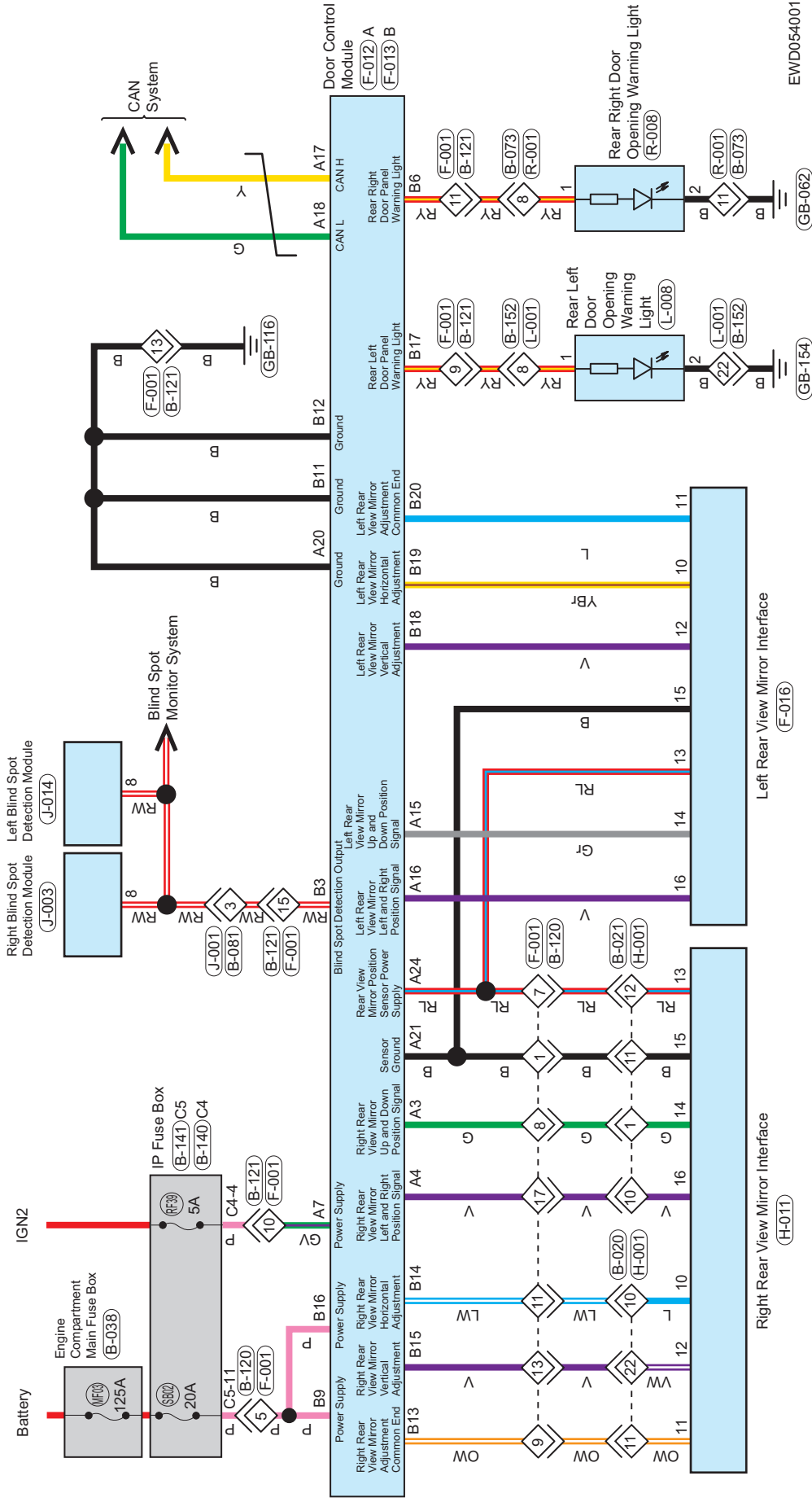
EWD051002

# Parking Radar Assist System / Front Left / Right Corner Microwave Radar



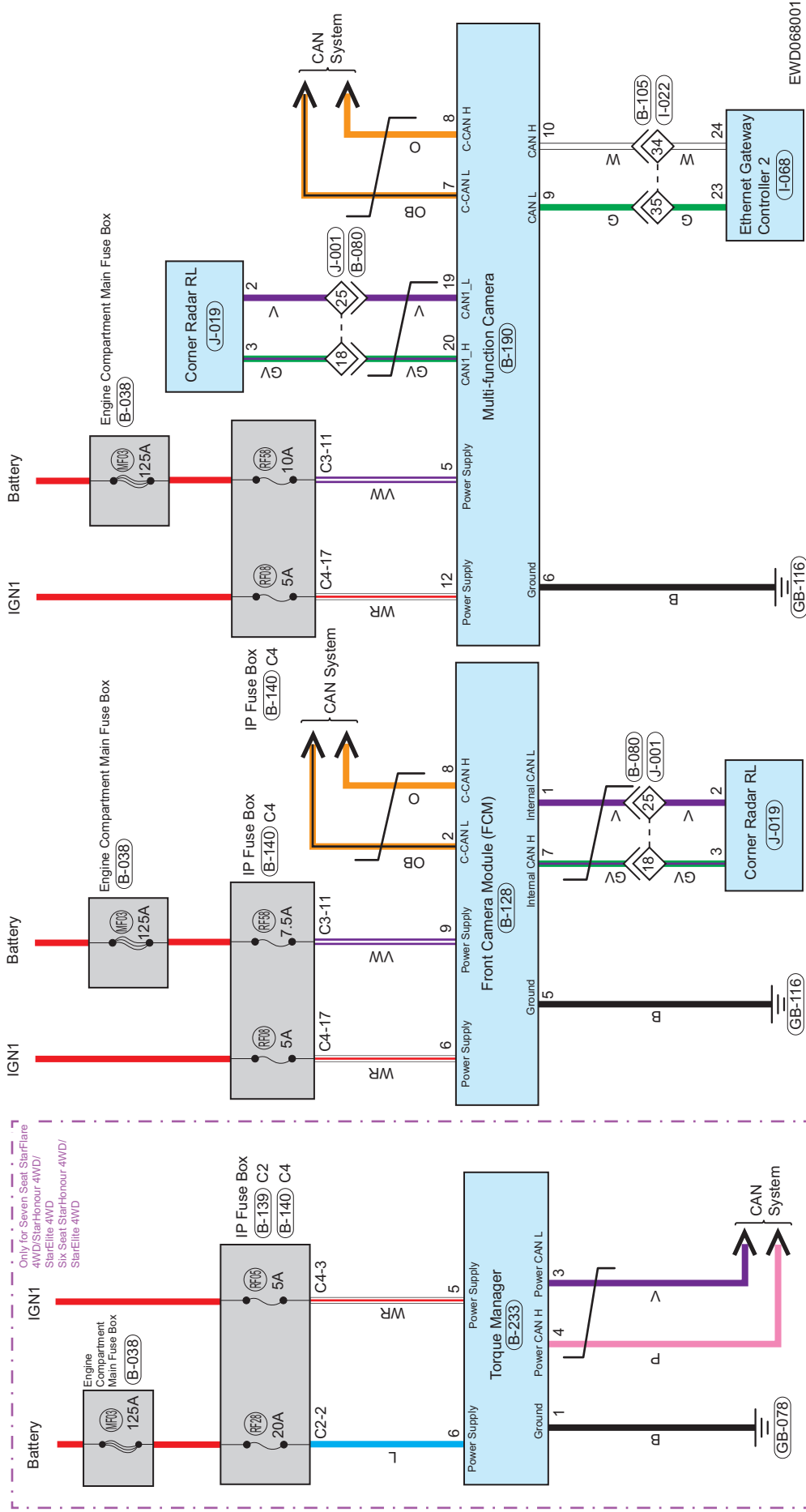
EWD052001

# Door Control Module



EWD054001

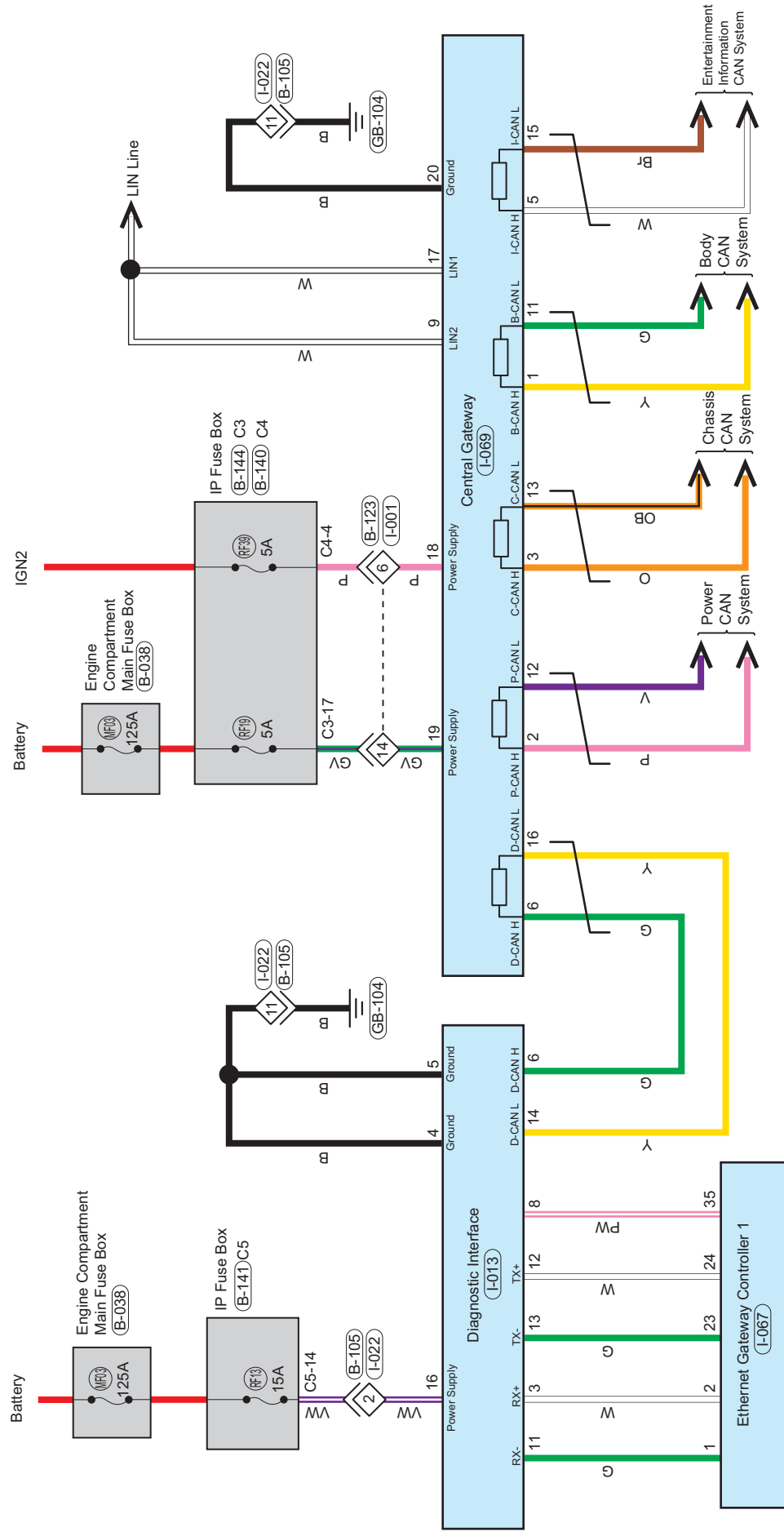
# Torque Manager / ETC



EWD068001



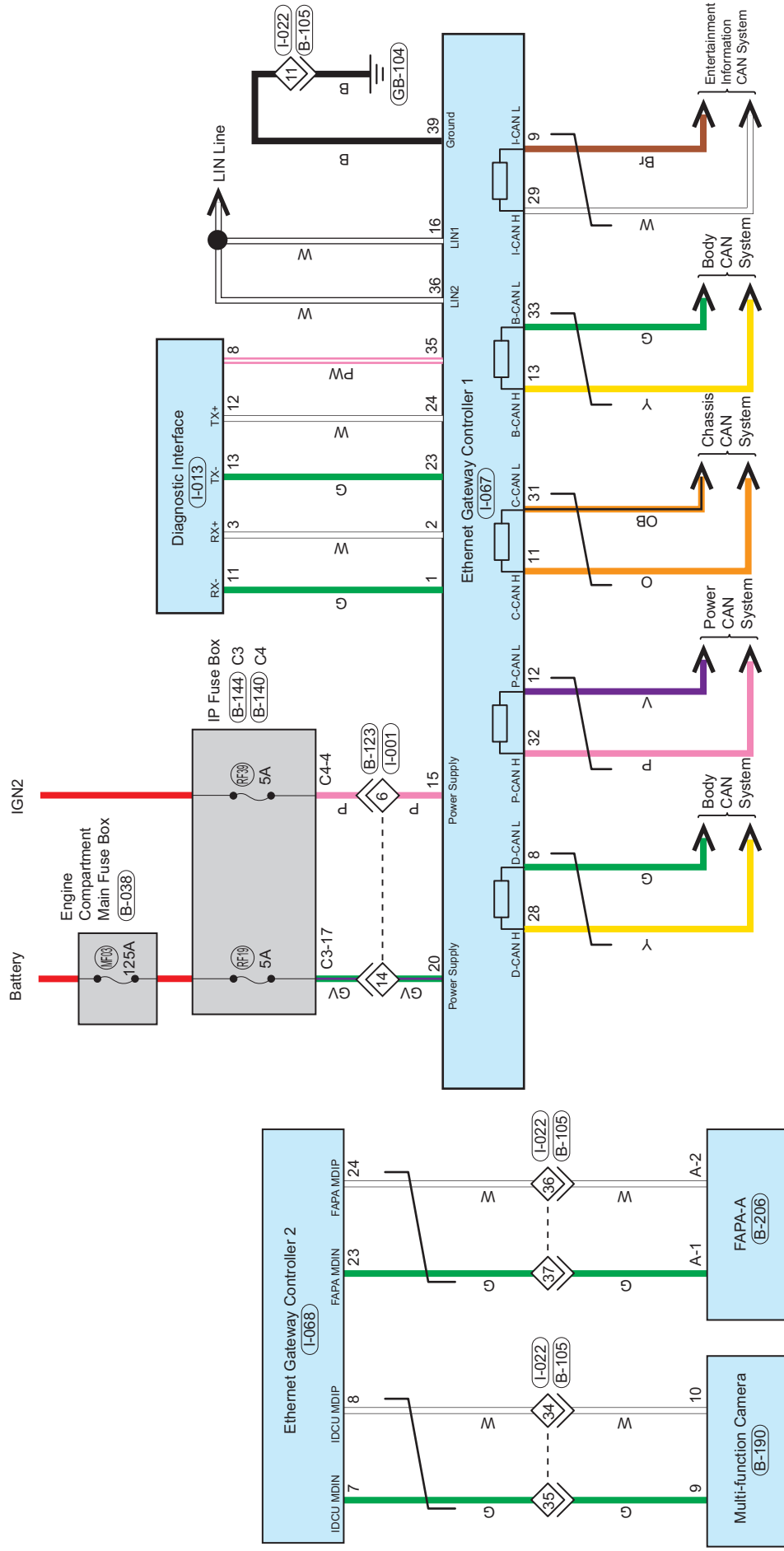
### Diagnostic Interface / Central gateway (CGW)



EWD055001



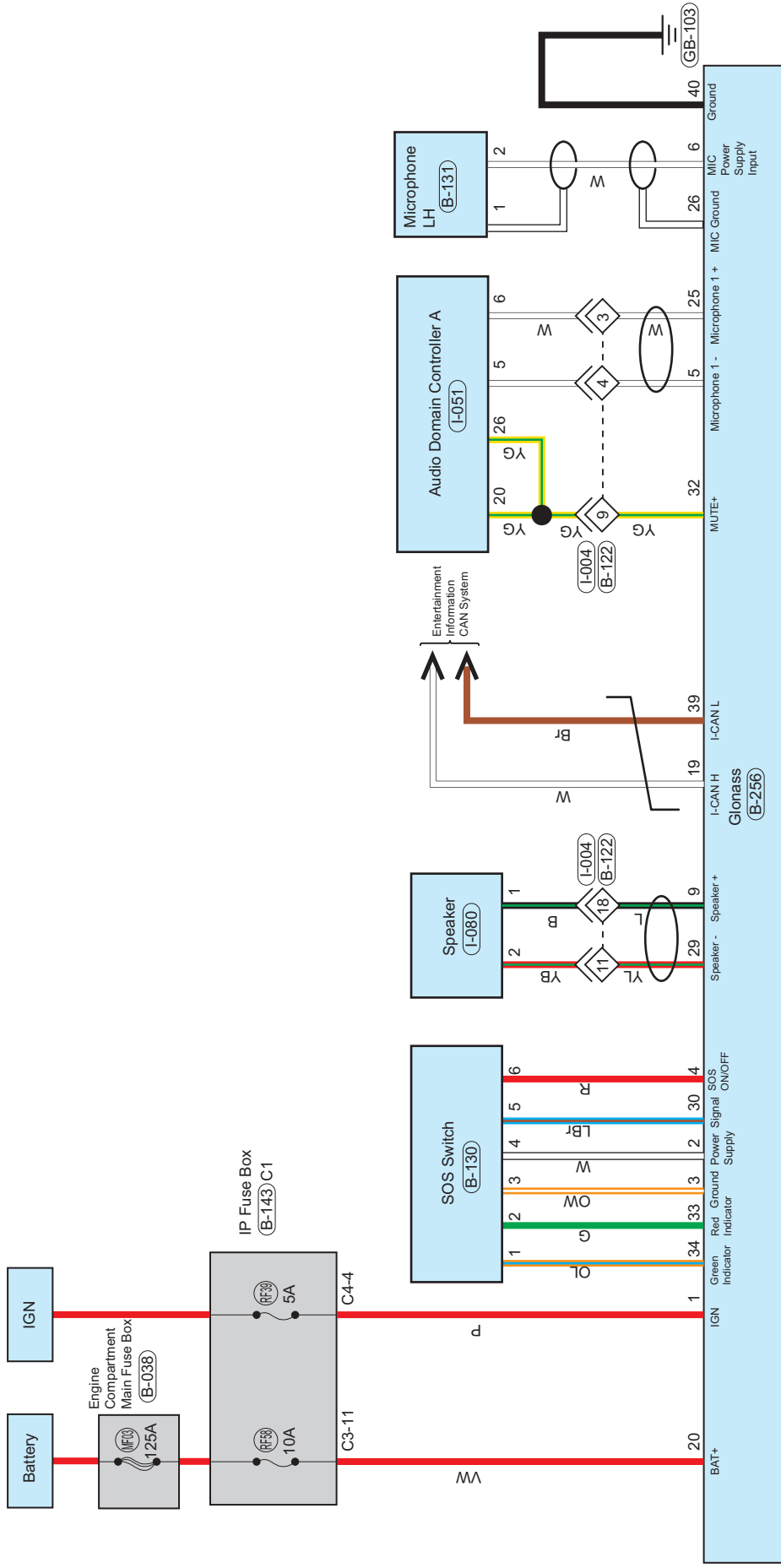
# Ethernet Gateway Controller (EGW)



EWD055002



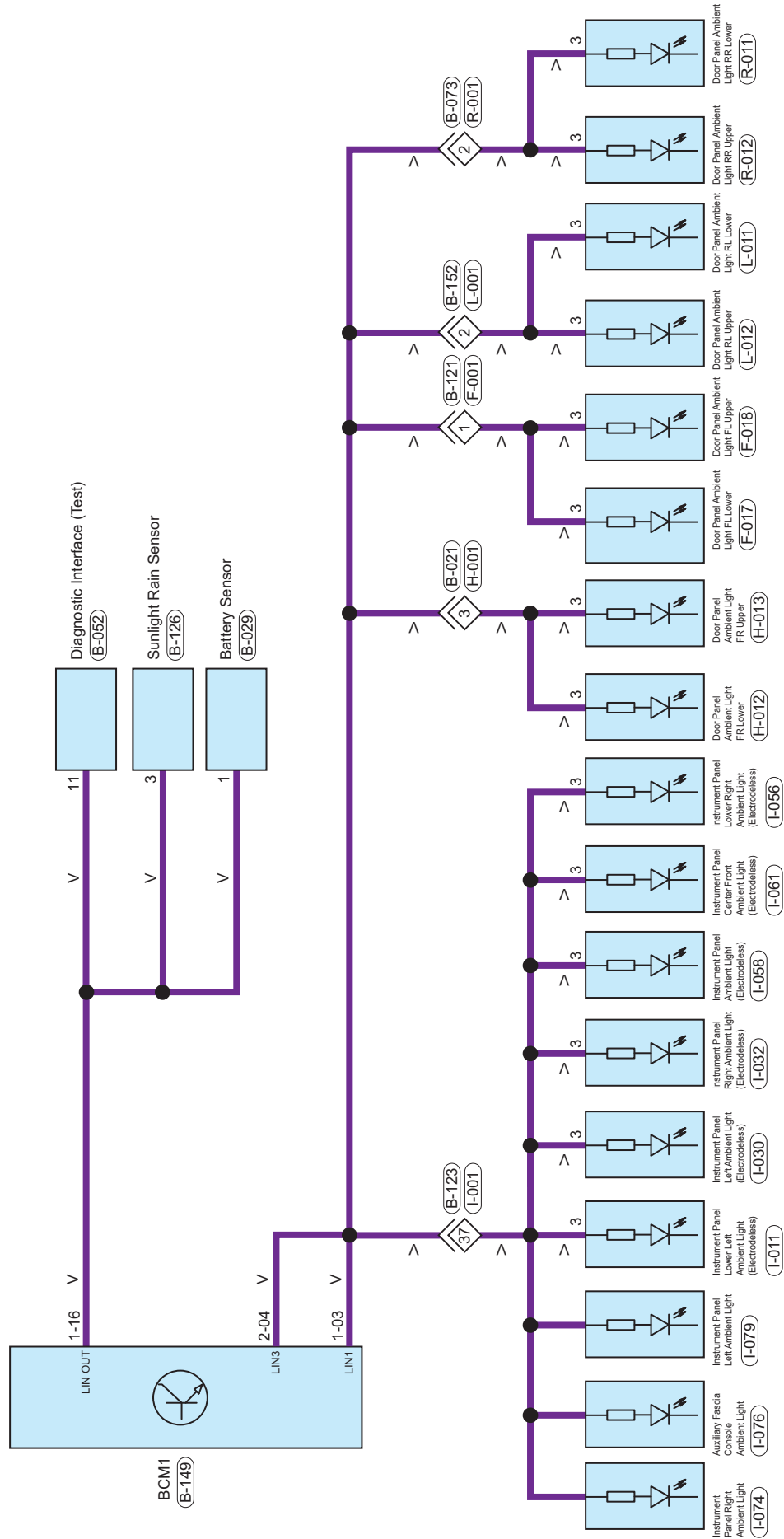
Glonass



EWD100001

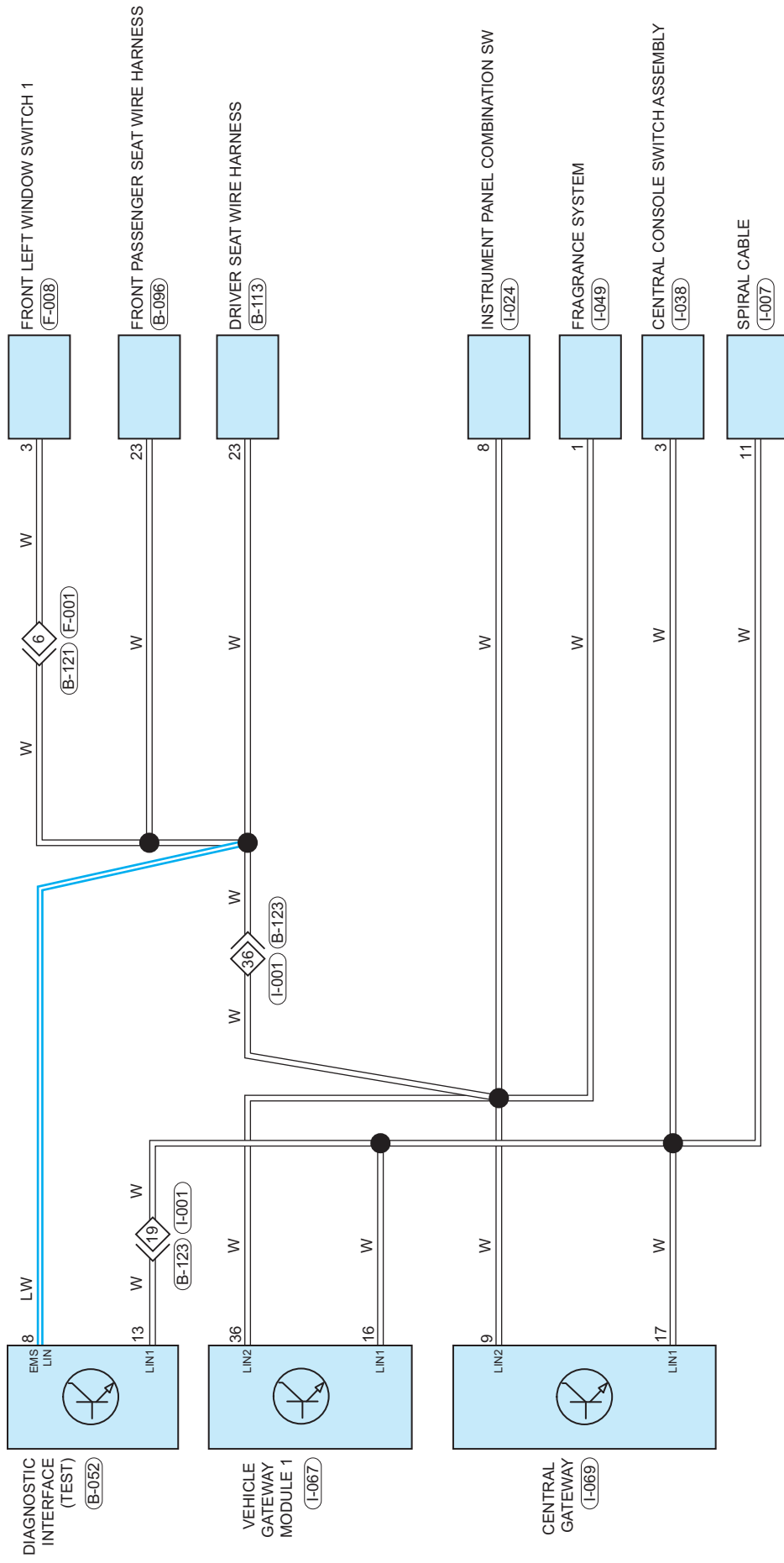
12 - Overall Circuit Diagram

LIN Line



EWD069001

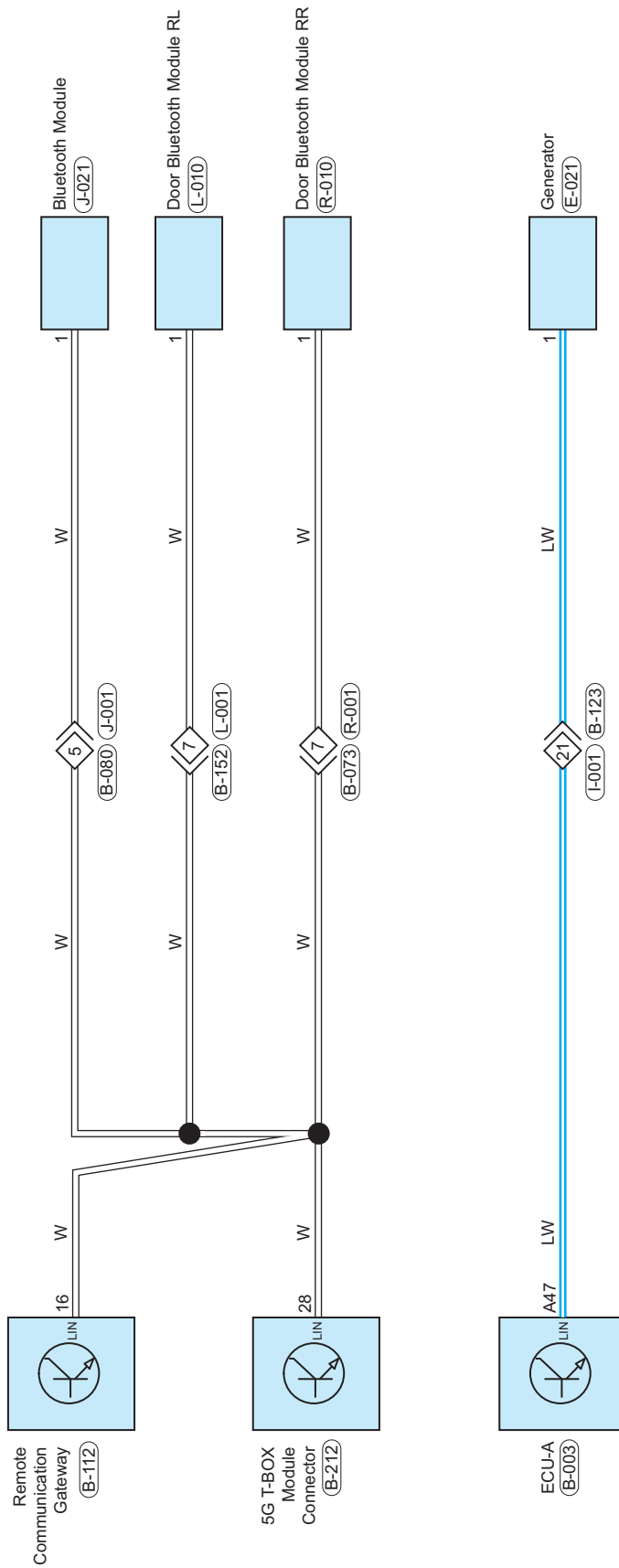
### LIN Line



EWD069002

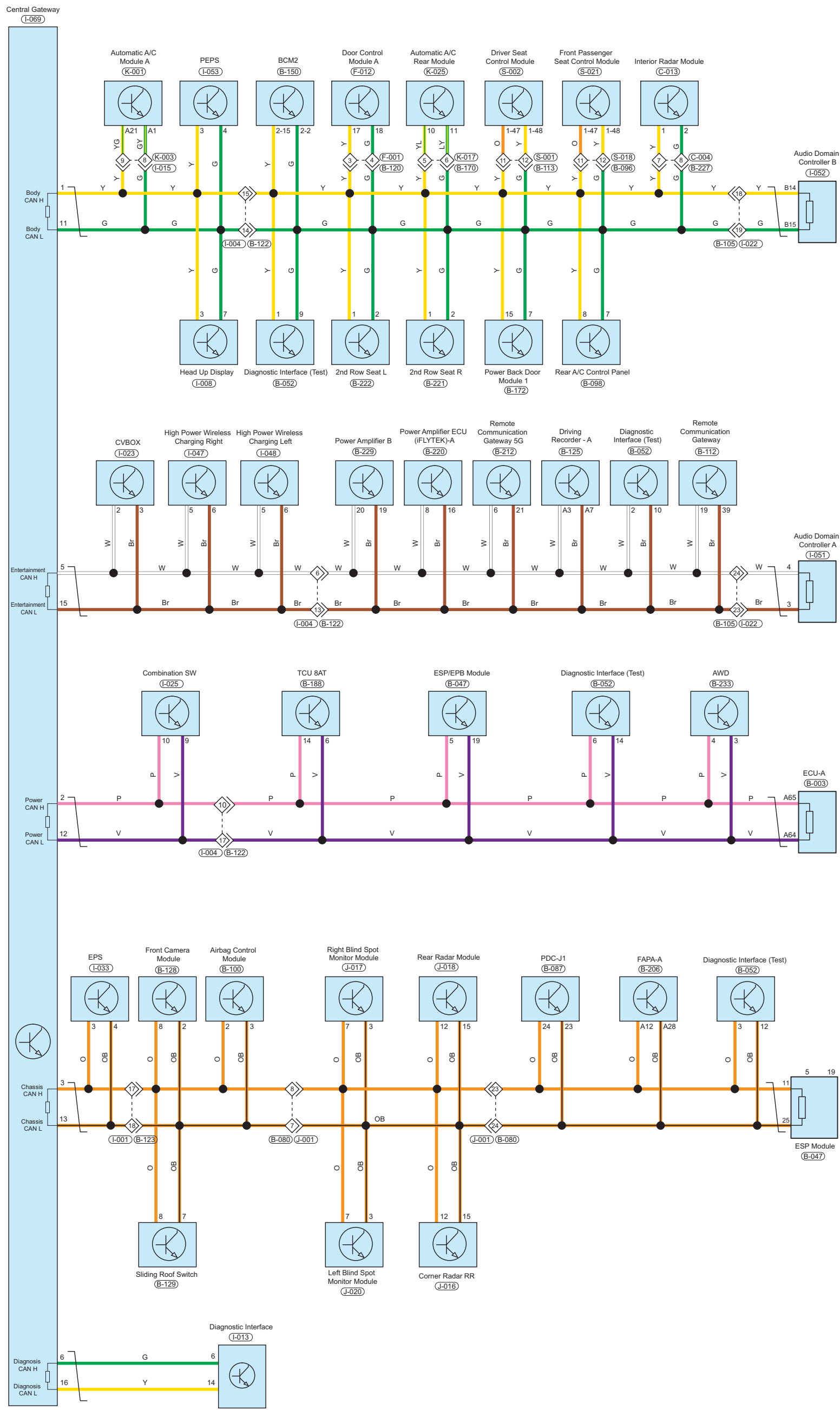
12 - Overall Circuit Diagram

LIN Line

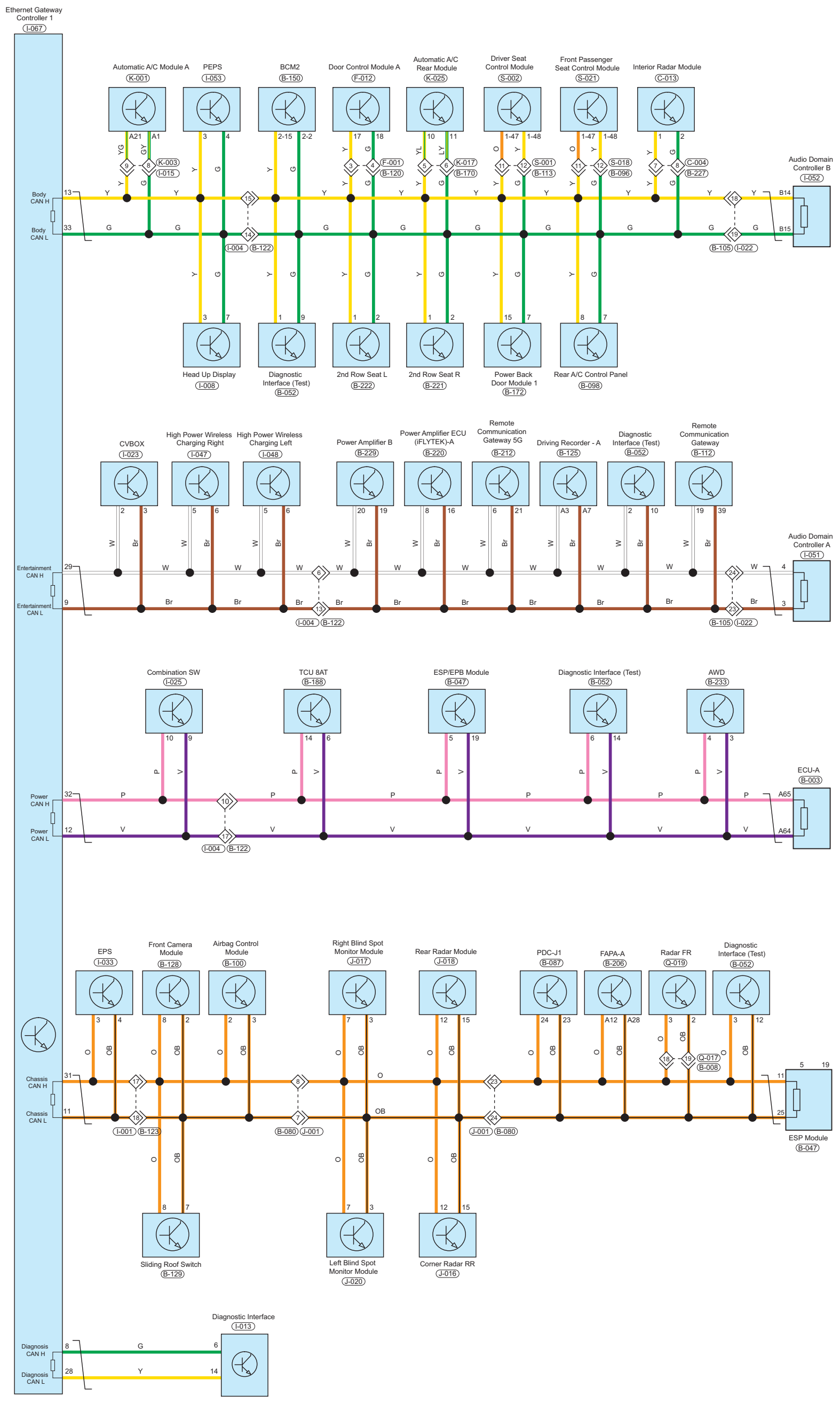


EWD069003

# CAN System



EWD056001



EWD056002