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INTRODUCTION

Version and Change Description

Version Number	Date	Content	Change Content	Applicable Model
Version 00	2021/07/05	Circuit Diagram	/	EXEED VX 2.0TGDI+7DCT

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	Abbreviations	Define the abbreviations used in this manual.
05	Terms and Symbol Table	Define symbols and functions of major parts.
06	Fuse and Relay Information	This section is used to quickly query the location distribution of fuses and relays; Circuit direction of fuse box and fuse and relay box.
07	Power Supply Distribution Center	This section can be used to check the load situation of each fuse and relay. This section can be used to check the related circuit fault together with the system circuit diagram.
08	Ground Point	If you want to quickly learn about the location of ground point, you can quickly learn about the distribution of ground point and the summary of the parts that share ground through this section.
09	Control Module Distribution Diagram and Terminal Definition	Represents the position of control module and terminal definition of control module. This section is closely related to system circuit.
10	Wire Harness Position Diagram	This section describes the distribution of each wire harness and each connector and its front view.
11	System Circuit Diagram	Draw each system circuit independently, which is convenient for querying a single system circuit.
12	Overall Circuit Diagram	Integrate and summarize system circuit diagrams according to modules.

Applicable Model

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
2.0TGDI	●	●	●	●	●
7DCT380	●	●	●	●	●
2WD	●	●		●	
4WD			●		●
Macpherson Front Suspension	●	●	●	●	●
Multiple-link Rear Suspension	●	●	●	●	●
Electronic Power Steering	●	●	●	●	●
Steering Wheel Manual Adjustment	●	●	●	●	●
Shift Paddle			●		●
Multi-function Steering Wheel	●	●	●	●	●
Leather Steering Wheel	●	●	●	●	
NAPPA Luxury Leather Steering Wheel					●
Electronic Shift	●	●	●	●	●
Four-wheel Disc Brake	●	●	●	●	●
Front Wheel Ventilated Disc Brake	●	●	●	●	●
Electrical Parking Brake	●	●	●	●	●
19-inch Hub-A	●	●	●		
20-inch Hub				●	●
Tire Brand	Maxxi 235/55 R19	Maxxi 235/55 R19	Maxxi 235/55 R19	Maxxi 245/45 R20	Continental 245/45 R20
Steel Rim Spare Tire	●	●	●	●	●
Tool Set	●	●	●	●	●
Front Double Airbag	●	●	●	●	●
Front Side Airbag	●	●	●	●	●
Front and Rear Side Curtain Shield Airbag	●	●	●	●	●
3-point Seat Belt	●	●	●	●	●
Full Seat Safety Headrest	●	●	●	●	●
Front Seat Belt Reminder	●	●	●	●	●
Front Seat Belt Pretensioner	●	●	●	●	●
Rear Seat Belt Pretensioner	●	●	●	●	●
Front Seat Belt Height Adjustment	●	●	●	●	●
Child Safety Seat Interface	●	●	●	●	●

01

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
Tire Pressure Monitoring	●	●	●	●	●
Lane Departure Warning				●	●
Lane Keeping Assist				●	●
Blind Spot Detection				●	●
LCA Lane Change Assist				●	●
Rear Traffic Warning				●	●
Reversing Rear Warning				●	●
Rear Collision Warning				●	●
Internal Door Opening Warning				●	●
External Door Opening Warning				●	●
Front Collision Warning (w/Pedestrian Recognition) + Active Braking	● (W/o Pedestrian Recognition)	● (W/o Pedestrian Recognition)	● (W/o Pedestrian Recognition)	●	●
Adaptive Cruise	●	●	●	●	●
Traffic Jam Assist + Integrated Cruise Assist				●	●
Fatigue Monitoring (High Version) – Eyeball Based	●	●	●	●	●
360° HD Surrounding Panoramic View	●	●	●	●	●
Drive Recorder	●	●	●	●	●
Full Automatic Parking					●
Traffic Signal Recognition				●	●
Slope Assist	●	●	●	●	●
Automatic Parking	●	●	●	●	●
Sudden Brake Signal Light	●	●	●	●	●
Anti-lock Brake	●	●	●	●	●
Electronic Brake Force Distribution	●	●	●	●	●
Traction Control System	●	●	●	●	●
Electronic Body Stability System	●	●	●	●	●
Brake Assist System	●	●	●	●	●
Passive Start	●	●	●	●	●
Engine Remote Start	●	●	●	●	●
Intelligent Start and Stop	●	●	●	●	●
Sport/ECO Mode Switching	●	●	●	●	●

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
Overspeed Warning	●	●	●	●	●
Speed Limit	●	●	●		
Front Parking Radar				●	●
Rear Parking Radar	●	●	●	●	●
Hill Descent Control	●	●	●	●	●
Driver Side Door Handle Key Hole	●	●	●	●	●
Interior Central Control Lock and Key Locking	●	●	●	●	●
Lock by Speed	●	●	●	●	●
Passive Entry + ENGINE START STOP	●	●	●	●	●
Immobilizer System	●	●	●	●	●
Anti-theft Alarm	●	●	●	●	●
Induction Back Door Opening	●	●	●	●	●
Antenna Type	●	●	●	●	●
Push-type Fuel Tank Cap	●	●	●	●	●
Roof Rack	●	●	●	●	●
Front/Rear Towing Hook	●	●	●	●	●
Bilateral Double Exhaust	●	●	●	●	●
12V Power Supply Interface	●	●	●	●	●
Luggage Compartment 12V Power Supply Interface	●	●	●	●	●
Sunglasses Storage Box	●	●	●	●	●
Front Coat Hook	●	●	●	●	●
Rear Coat Hook	●	●	●	●	●
Front Cup Holder	●	●	●	●	●
Rear Cup Holder	●	●	●	●	●
Front Door Storage Box	●	●	●	●	●
Rear Door Storage Box	●	●	●	●	●
Driver Seat Foot Rest	●	●	●	●	●
Center Armrest Box	●	●	●	●	●
Front Passenger Handle	●	●	●	●	●
Power Back Door	●	●	●	●	●
Four-door Chrome-plated Courtesy Pedal	●	●	●		

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
W/Lighting Chrome-plated Courtesy Pedal				●	●
Rosewood Grain INS Diaphragm	●	●	●	●	●
6-way Driver Power Seat	●	●	●		
8-way Power Driver Seat				●	●
4-way Driver Seat Electric Lumbar Support				●	●
6-way Front Passenger Seat Power Adjustment	●	●	●	●	●
Front Seat Heating	●	●	●	●	●
Front Seat Ventilation				●	●
Driver Seat Memory	●	●	●	●	●
Front Seatback Map Bag	●	●	●	●	●
Rear Seat 4/6 Folding Down	●	●	●	●	●
Second Row Full Headrest Height Adjustable	●	●	●	●	●
Second Row Sleep Headrest					●
Third Row Full Headrest Height Adjustable	●	●	●	●	●
Rear Center Armrest with Cup Holder (6-seat without center armrest, with independent armrest and cup holder)	●	●	●	●	●
Adjustable and Slidable Second Row Seat	●	●	●	●	●
Adjustable and Recline Third Row Seat	●	●	●	●	●
Artificial Leather Seat					
Regular Leather Perforated Seat	●	●	●		
Premium Leather Perforated Seat Turin				●	●
12-Inch Central Control Touch Screen	●	●	●	●	●
Information Entertainment Control Basic Version	●	●	●		
Information Entertainment Control Basic Version with Touch Version				●	●
Outside Temperature Display	●	●	●	●	●
Radio	●	●	●	●	●
Adjust Volume with Speed	●	●	●	●	●
Stress and Bass Balanced	●	●	●	●	●
On-board Navigation	●	●	●	●	●
Voice Control	●	●	●	●	●

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
On-board 4G	●	●	●	●	●
On-board WiFi	●	●	●	●	●
Support Multimedia Format	●	●	●	●	●
Front USB Interface	●	●	●	●	●
USB Interface in Second Row (One)	●	●	●	●	●
USB Interface in Third Row	●	●	●	●	●
Bluetooth Connection	●	●	●	●	●
6-speaker	●	●	●		
8-speaker				●	●
Brand Audio				●	●
Agamis Sound Effect	●	●	●		
12-inch Liquid Crystal Instrument Panel	●	●	●	●	●
Wireless Charging				●	●
IPhone Connection	●	●	●	●	●
Remote Information Processing Advanced Version	●	●	●	●	●
Artificial Intelligence System	●	●	●	●	●
AR Navigation	●	●	●	●	●
Face Recognition	●	●	●	●	●
Head Up Display				●	●
ETC	○	○	○	○	○
Instrument Panel Backlight Automatic Adjustment	●	●	●	●	●
Front Map Light	●	●	●	●	●
Rear Map Light	●	●	●	●	●
Third Row Map Light	●	●	●	●	●
Dual Color Ambient Light	●	●	●		
Multi-color Ambient Light				●	●
Luggage Compartment Lighting	●	●	●	●	●
Glove Box Lighting	●	●	●	●	●
Driver Seat Foot Light	●	●	●	●	●
Full LED Headlight	●	●	●	●	●
LED Daytime Running Light	●	●	●	●	●
Headlight Leveling Switch	●	●	●	●	●
Automatic Headlight	●	●	●	●	●
Headlight Follow Me Home	●	●	●	●	●

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
Static Turn Signal Assist Light				●	●
Smart High/Low Beam Light Automatic Switching				●	●
Front Fog Light	●	●	●	●	●
LED Combination Light	●	●	●	●	●
LED High Mounted Brake Light	●	●	●	●	●
Rear Fog Light	●	●	●	●	●
Double Back-up Light	●	●	●	●	●
Outside Rear View Mirror LED Courtesy Light	●	●	●	●	●
Dynamic Flow Turn Signal Light	●	●	●	●	●
Outside Rear View Mirror Power Adjustment	●	●	●	●	●
Outside Rear View Mirror Integrated Turn Signal Light	●	●	●	●	●
Outside Rear View Mirror Heating	●	●	●	●	●
Outside Rear View Mirror Power Folding	●	●	●	●	●
Reversing Automatic Turning Over				●	●
Outside Rear View Mirror Memory				●	●
Boneless Wiper	●	●	●	●	●
Rain Speed Dual Sensor Wiper	●	●	●	●	●
Rear Windshield Wiper	●	●	●	●	●
Manual Glare-resistant for Inside Rear View Mirror	●	●	●		
Automatic Glare-resistant for Inside Rear View Mirror				●	●
Front Sun Visor with Lighting	●	●	●	●	●
Front and Rear Power Window	●	●	●	●	●
One-button Jam Protection for Driver Seat Window	●	●	●	●	●
One-button Jam Protection for Front Passenger Seat Window	●	●	●	●	●
One-button Jam Protection for Rear Window	●	●	●	●	●
Window Up/Down by Remote Control	●	●	●	●	●
Colored Glass in Whole Vehicle	●	●	●	●	●
Rear Windshield Defogging	●	●	●	●	●

	5-seat	7-seat			
	StarCare	StarCare	StarCare 4WD	StarElite	StarHon our 4WD
Panoramic Sliding Roof	●	●	●	●	●
Sound Insulation Glass	●	●	●	●	●
Double Zone Auto Air Conditioning	●				
Three-zone Auto Air Conditioning		●	●	●	●
A/C Knob Monochromatic Display LCD	●	●	●		
A/C Knob Color Display LCD				●	●
Rear Independent A/C Control		●	●	●	●
Anion Generator					●
N95 Element	●	●	●	●	●
Intelligent Air Purification System (Advanced Stage)				●	●
Rear Foot Air Outlet	●	●	●	●	●
Rear Air Outlet	●	●	●	●	●
Third Row Air Outlet		●	●	●	●

Note: ETC are optional for all series

01

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. (All circuit diagrams show the switch in the normal state (normally on or normally off).)

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 to the circuit (refer to the power supply) and the ground point (refer to the ground point).

02 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, wire 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

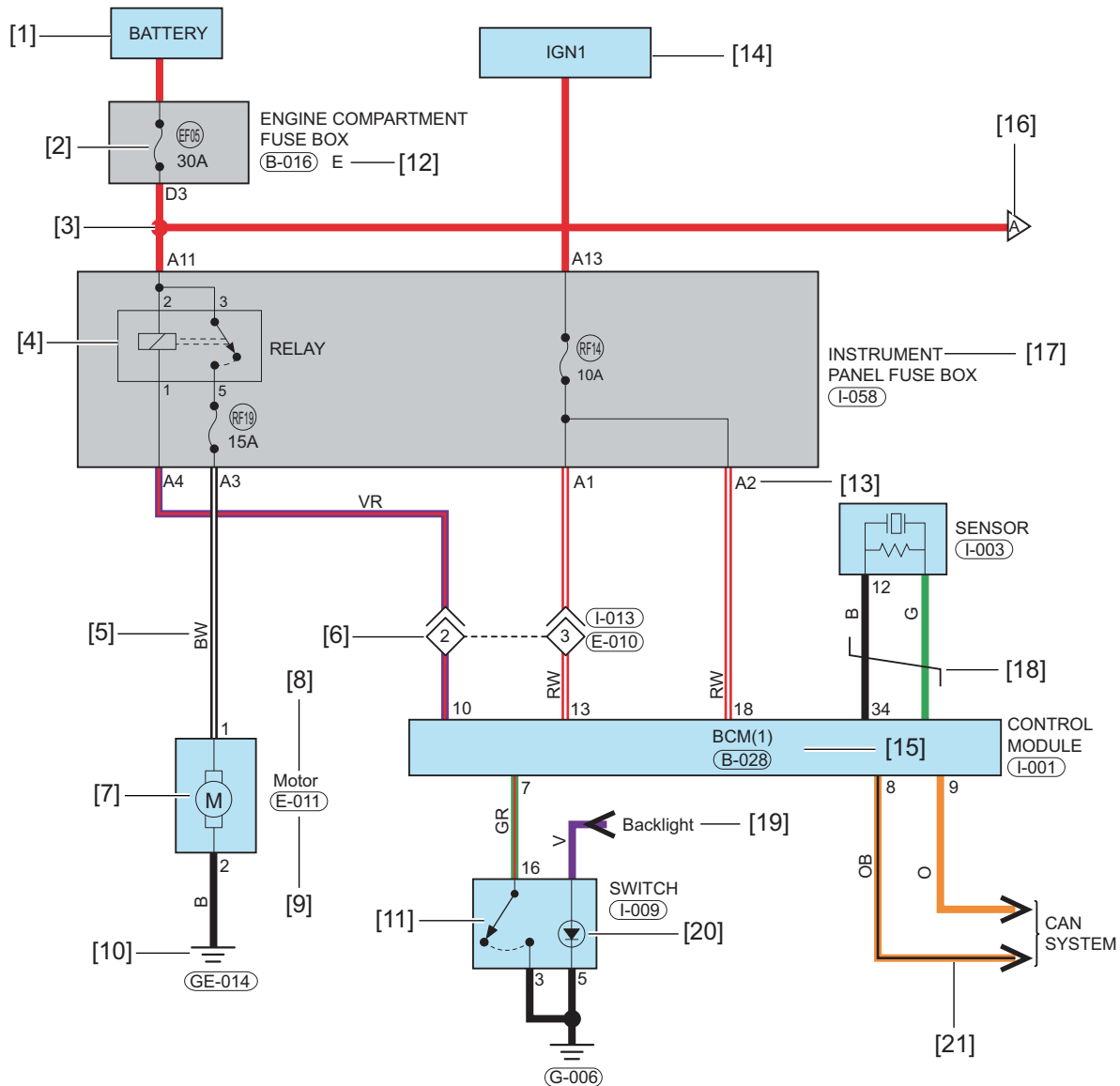
- The information in this manual is about wire harnesses. Information about components and assembly parts is for reference only. Please refer to the related repair manual.

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.



EWD001001

* 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 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 wire harnesses.
[4]	Relay	This symbol indicates a relay; “MAIN RELAY” indicates the relay name; “1”, “2”, “3”, and “5”, or “85”, “86”, “87”, and “30” indicate the terminal number of relay.
[5]	Color	Indicates color of wire harness. The color code is as follows: B = Black; W = White; R = Red; G = Green; L = Blue; Y = Yellow; Br = Brown; O = Orange; Gr = Gray; P = Pink; V = Purple; Lg = Light Green. For example, “BrR” indicates that the primary color of the wire harness is brown and the secondary color is red.
[6]	Connector	Indicates the wire harness connector. “Λ” indicates female connector, “I-013” indicates the application number; “◇” indicates male connector, “E-010” indicates the application number. The numbers “2” and “3” on the inner side of male connector indicate the terminal number. “----” indicates different terminals from the same wire harness connector.
[7]	Motor	This symbol indicates a motor.
[8]	Component Name	Indicates a component name.

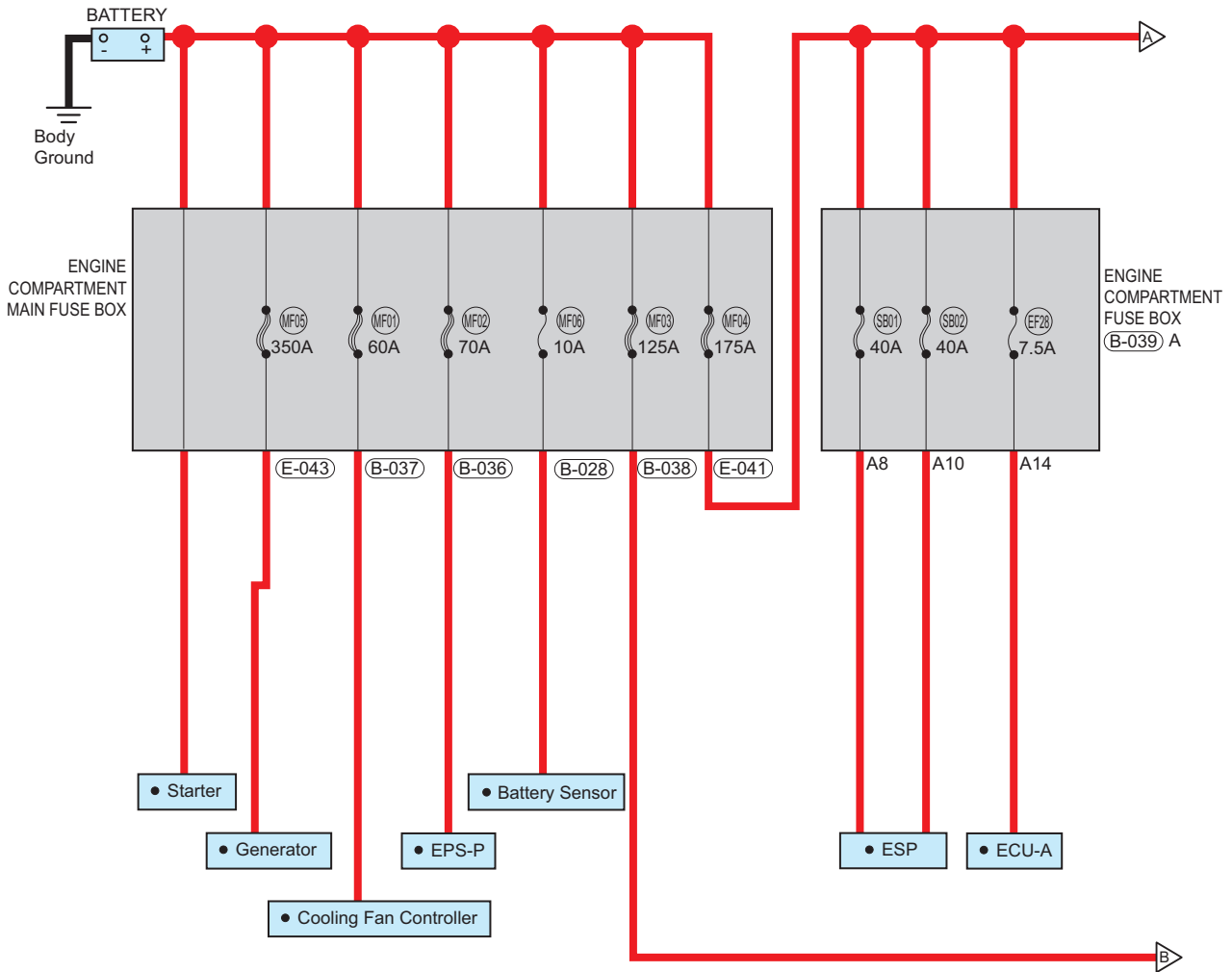
No.	Definition	Description
[9]	Connector Code	<p>“E-011” indicates the connector code of this component. The letter “E” indicates the wire harness code of connector in wire harness. The connector code is as follows:</p> <p>Q = Front Bumper Wire Harness; E = Engine Wire Harness; I = Instrument Panel Wire 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</p>
[10]	Ground Point	Indicates ground point. For example, GQ-010, G indicates ground point, Q indicates the ground point on front bumper wire harness (different letters indicate the corresponding wire harness), and 010 indicates the number of ground point.
[11]	Switch	This symbol indicates 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 Number	Indicates the connector terminal number 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, explains the situation that 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

02



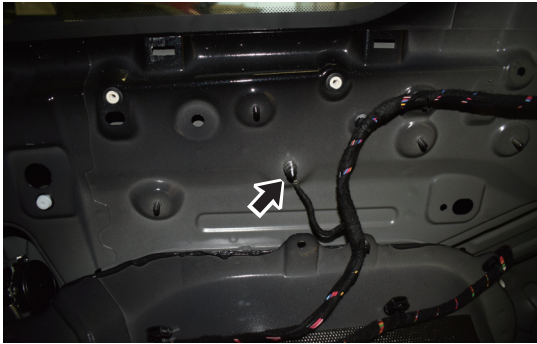
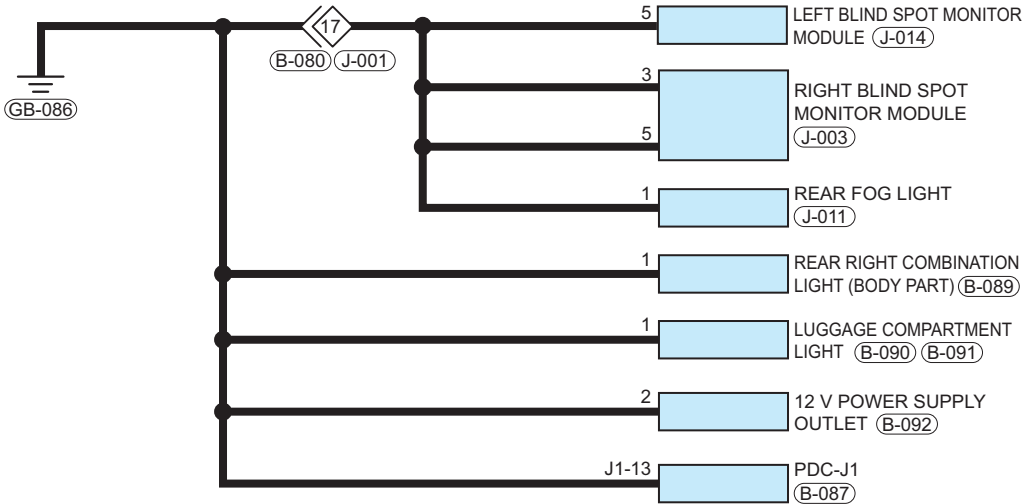
EWD003001

* 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 ground may help to quickly identify the faulty grounding. You can also use this method to check the connection between ground points.

Example

GROUND POSITION	PHYSICAL GRAPHICS
<p>Right C-pillar Inner Plate</p>	
	

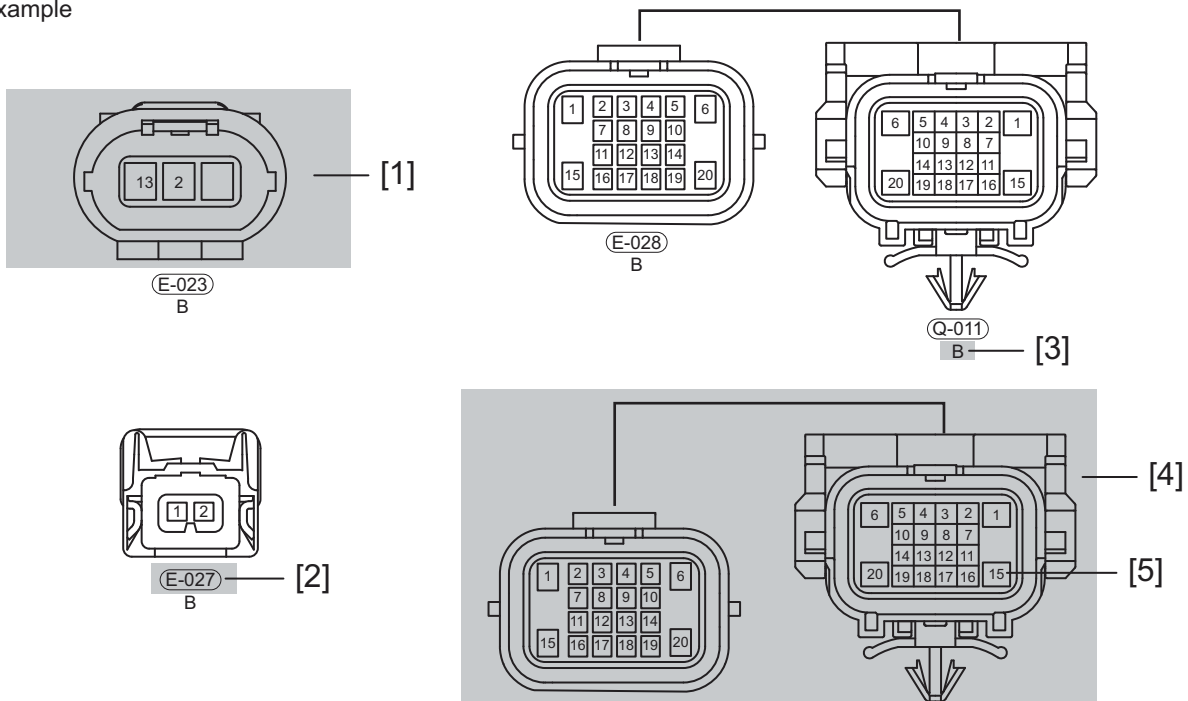
02

EWD004001

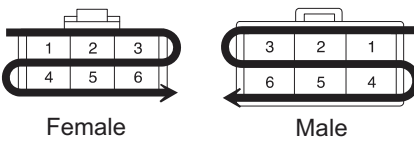
* The system shown here is used as an example only. It is different to the actual circuit shown in “Ground Point” section.

Connector List Description

Example



EWD005001

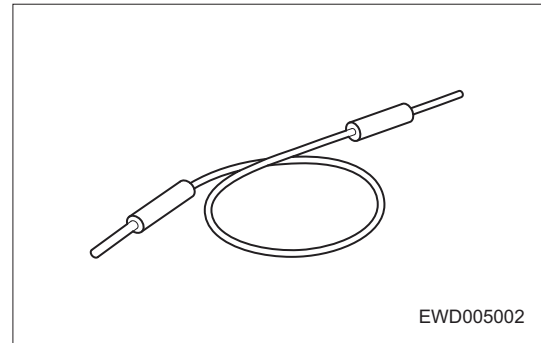
No.	Definition	Description
[1]	Connector	It indicates the connector connected to the part. (This number indicates the terminal number.)
[2]	Connector code	It indicates the connector code.
[3]	Connector color	It indicates the connector color.
[4]	Wire harness connector	It indicates the shape of connector that combines the wire harness Left side: Shape of male connector Right side: Shape number of female connector indicates terminal number.
[5]	Terminal number	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 

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.

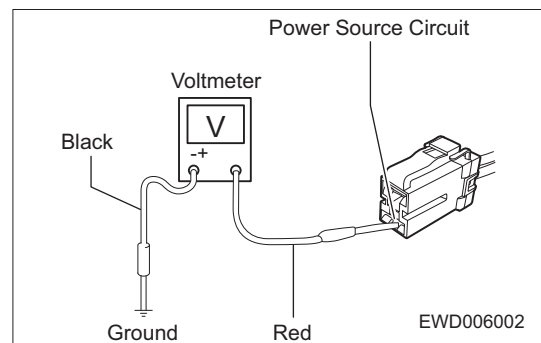


WARNING

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

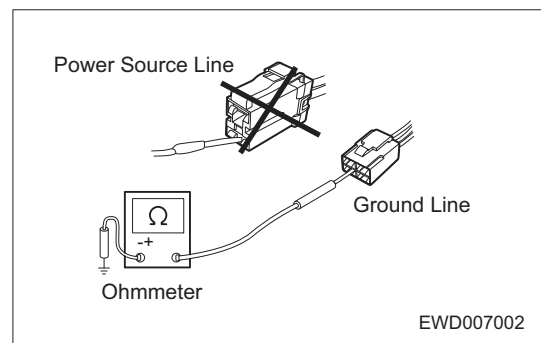
2. Voltmeter

A voltmeter is used to measure voltage in a circuit. Its 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

The following 6 steps will help troubleshoot the wire harness. 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 the malfunction.
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).

03

Voltage Test

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

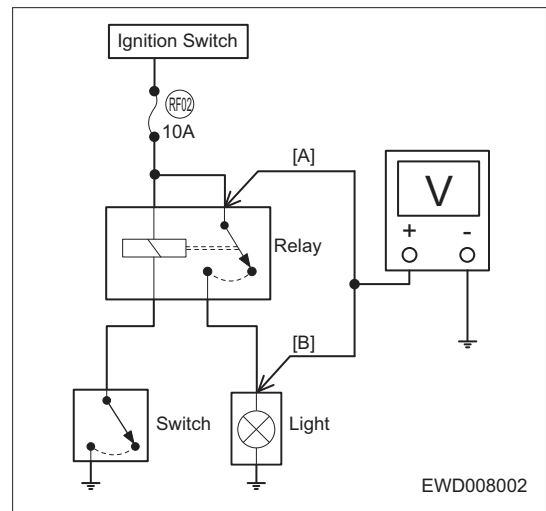
Example:

[A] – Ignition switch ON

[B] – Ignition switch and switch ON

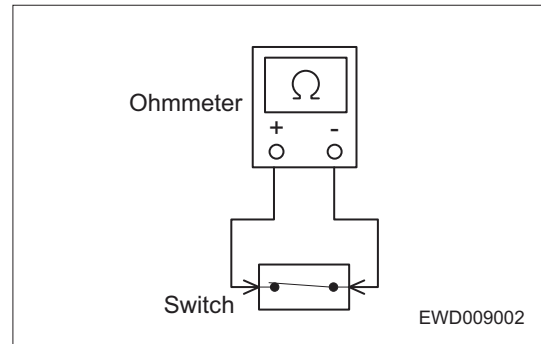
2. Use a voltmeter to connect the negative probe (black) to a good ground point or negative battery terminal, and connect the positive probe (red) to the connector or component terminal.

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



Circuit Continuity Test

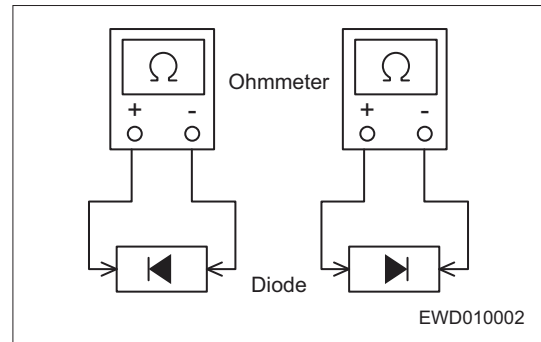
1. Turn off all electrical equipment and the ignition switch, and disconnect the battery negative cable.
2. Remove the tested circuit.
3. Connect the two probes of ohmmeter to both ends of tested circuit, and check the circuit conductivity (small resistance indicates good circuit conductivity).



If the circuit has diodes, replace with 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.



03

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 voltmeter positive probe (red) to the positive battery terminal, and the negative probe (black) to power supply end of circuit.
4. Check the voltage shown on the voltmeter. If voltage value of battery is displayed, it indicates that the test circuit short to 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.

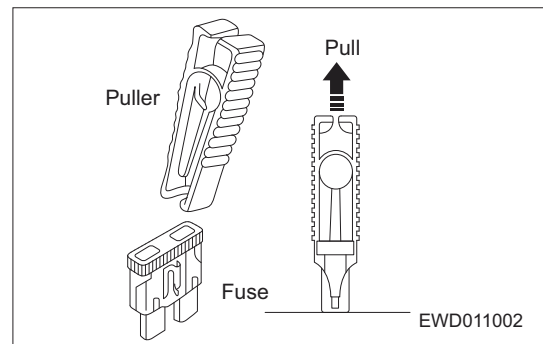
03

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.

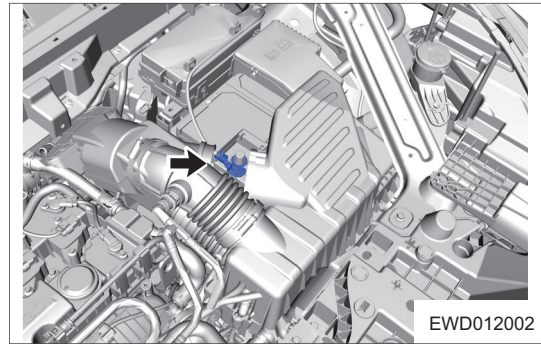
1. Turn off all electrical equipment and ENGINE START STOP switch before repair.
2. Remove the blown fuse with the fuse puller.
3. Replace with a new fuse with same specification.



Electrical Components

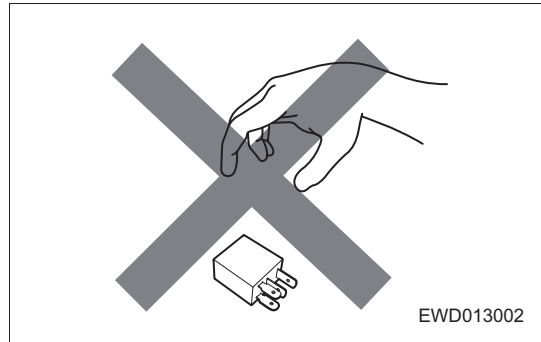
1. Battery Cable

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



2. Sensors, Switch and Relay

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



03

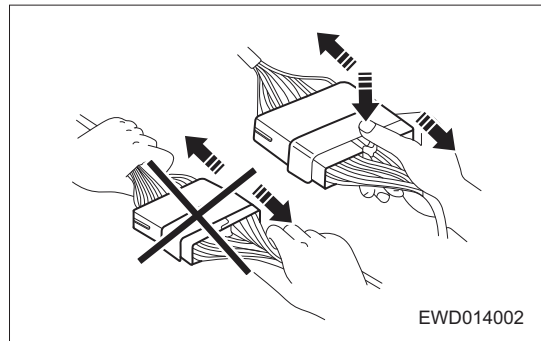
WARNING

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

3. Connector

a. Disconnect the connector.

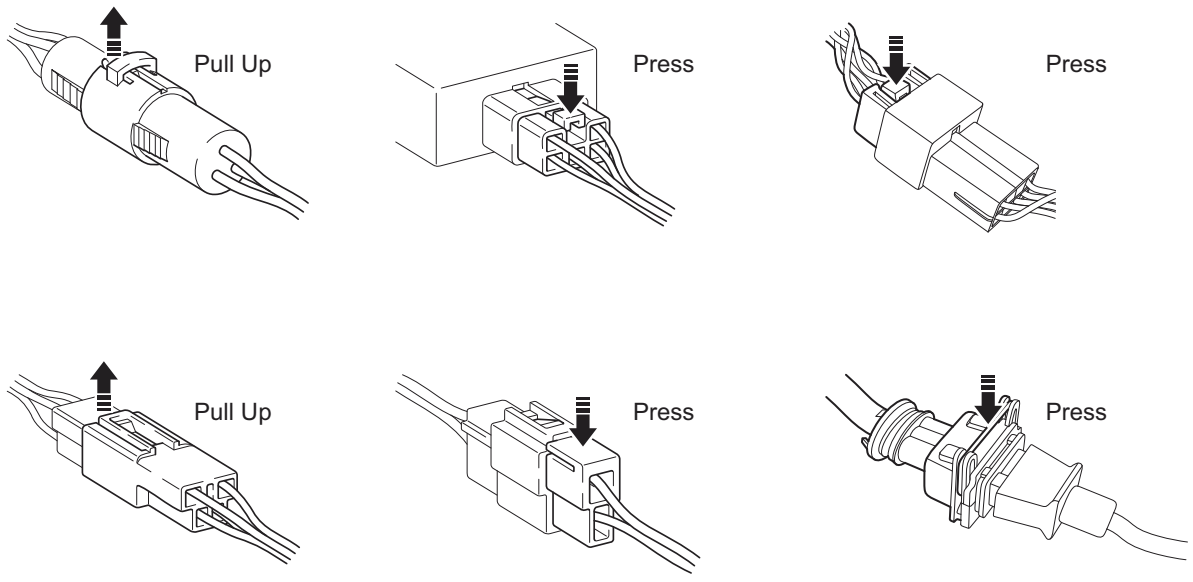
To pull away from the connector, pull the connector itself and press the connector clip to disconnect it.



WARNING

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

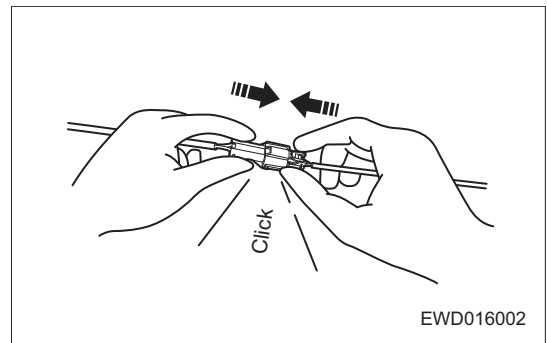
There are many ways to secure the connector clip. The following illustration shows the common disconnection method.



EWD015002

b. Install the connector.

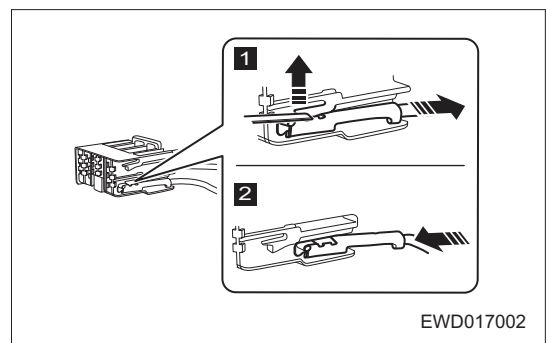
When the connector is installed in place, a “click” is heard.



EWD016002

c. Replace the connector terminal.

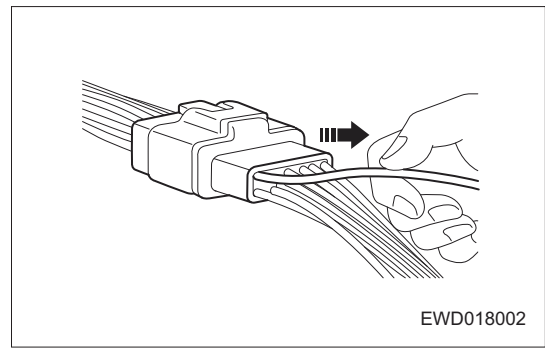
As shown in illustration (1), insert proper tool into the terminal to lift fixing clip, and then pull out terminal from back side. As shown in illustration (2), push the terminal from back of connector to ensure that the fixing clip is installed in place.



EWD017002

d. Check the connector terminal.

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



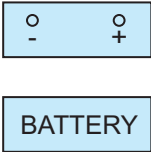

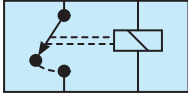
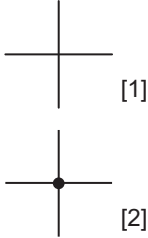

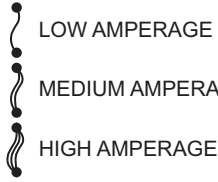
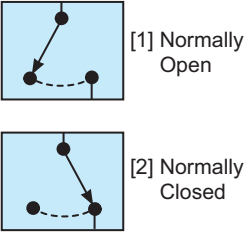

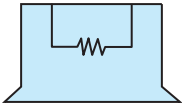
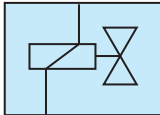
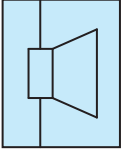

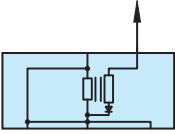

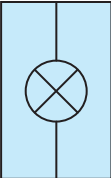

Abbreviation

This manual uses the following abbreviations.

Abbreviation	Terms
A	A
ACM	Airbag Control Module
ACP	Audio Control Panel
AIPM	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	Drive Recorder
EGS	Button-type Electronic Shift Module
EMS	Engine Management System
EPS	Electric Power Steering System
ESP (iEPB)	Electronic Driving Stability Control Module (Integration Electric Parking Brake)
FCM	Front Camera Module
FPC	Fuel Pump Controller
FRM	Front Radar Module
HUD	Head Up Display Module
PDC	Reverse Distance Assist System
PEPS	Passive Entry And Passive Start Module
PLG	Power Back Door Module
RLS	Solar / Rain Sensor
SCM	Steering Column Module
SCU	Seat Control Module

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

Terms and Symbols Table

	<p>Battery Store chemical energy and convert it into electrical energy. Provide direct current for various circuits.</p>		<p>Ground Point where the wire harness connects to vehicle body, so as to provide a loop for circuit; current cannot flow without a ground line.</p>
	<p>Relay Generally, an electronically operated switch that can be normally turned on or turned off. Current flowing through small coil generates a magnetic field that can turn on or turn off the contact switch.</p>		<p>Wire harness 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; If there is black dot at the intersection, it indicates that it is cross connection.</p>
	<p>Motor A power device that converts electrical energy into mechanical energy, especially rotational motion.</p>		<p>Fuse A metal sheet that will melt when excessive current passes through, and can block the current to prevent circuit damage.</p>
	<p>Switch Therefore, open and close circuit to stop [1] or allow [2] to be energized.</p>		<p>Twisting The two wire harnesses are twisted together and used to transmit signals.</p>
	<p>Speaker An electromechanical device that uses current to generate sound waves.</p>		<p>Solenoid valve An solenoid coil that generates a magnetic field when current flows in order to move an iron core, etc.</p>
	<p>Horn An electronic device that can send high-frequency audio signals.</p>		<p>LED (Light Emitting Diode) Light emitting diodes also use current to emit light. Compared with ordinary light, they do not generate heat when they emit light.</p>
	<p>Ignition coil Convert low-voltage DC current into high-voltage ignition current to ignite spark plug.</p>		<p>Resistor Electrical component with fixed resistance installed in circuit to reduce voltage to specified value.</p>
	<p>Light Current flows through filament, making filament to heat up and emit light.</p>		<p>Heating wire harness A resistance heating element.</p>

Fuse and Relay Information

General Information

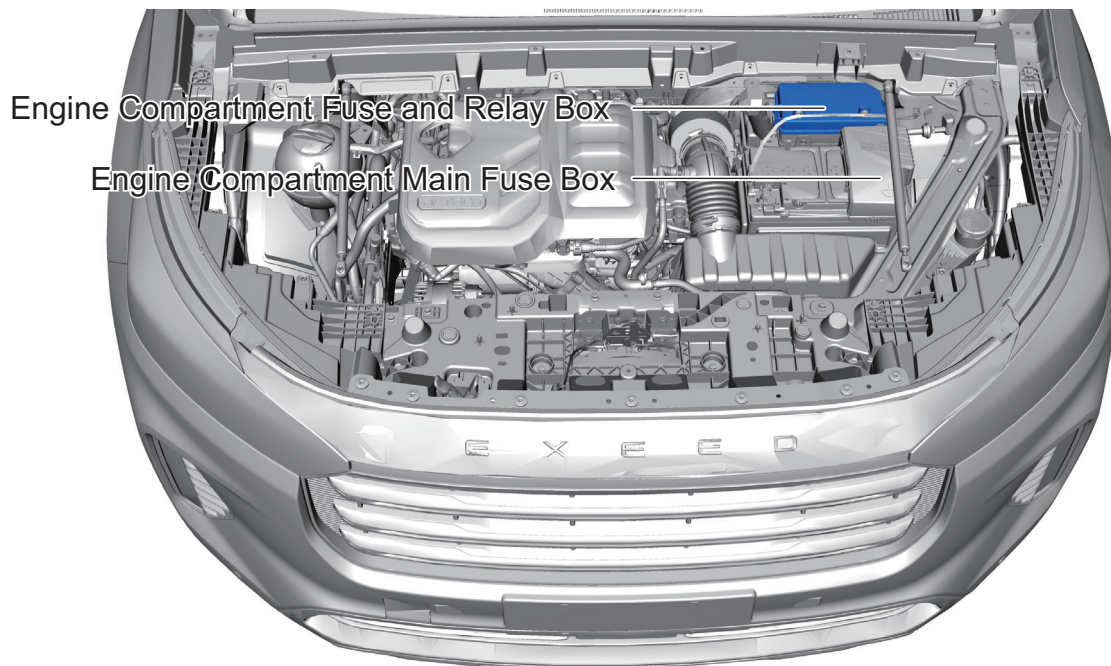
Each system should be equipped with fuses and relays to ensure the normal operation of the vehicle electrical system.

The fuses and relays are integrated in the fuse and relay box and are installed in the following positions of the vehicle:

- The engine compartment fuse and relay box are located on the left side of engine compartment and behind the battery.
- Instrument panel fuse and relay box are located at the bottom left of the instrument panel.

Engine Compartment Fuse and Relay Box

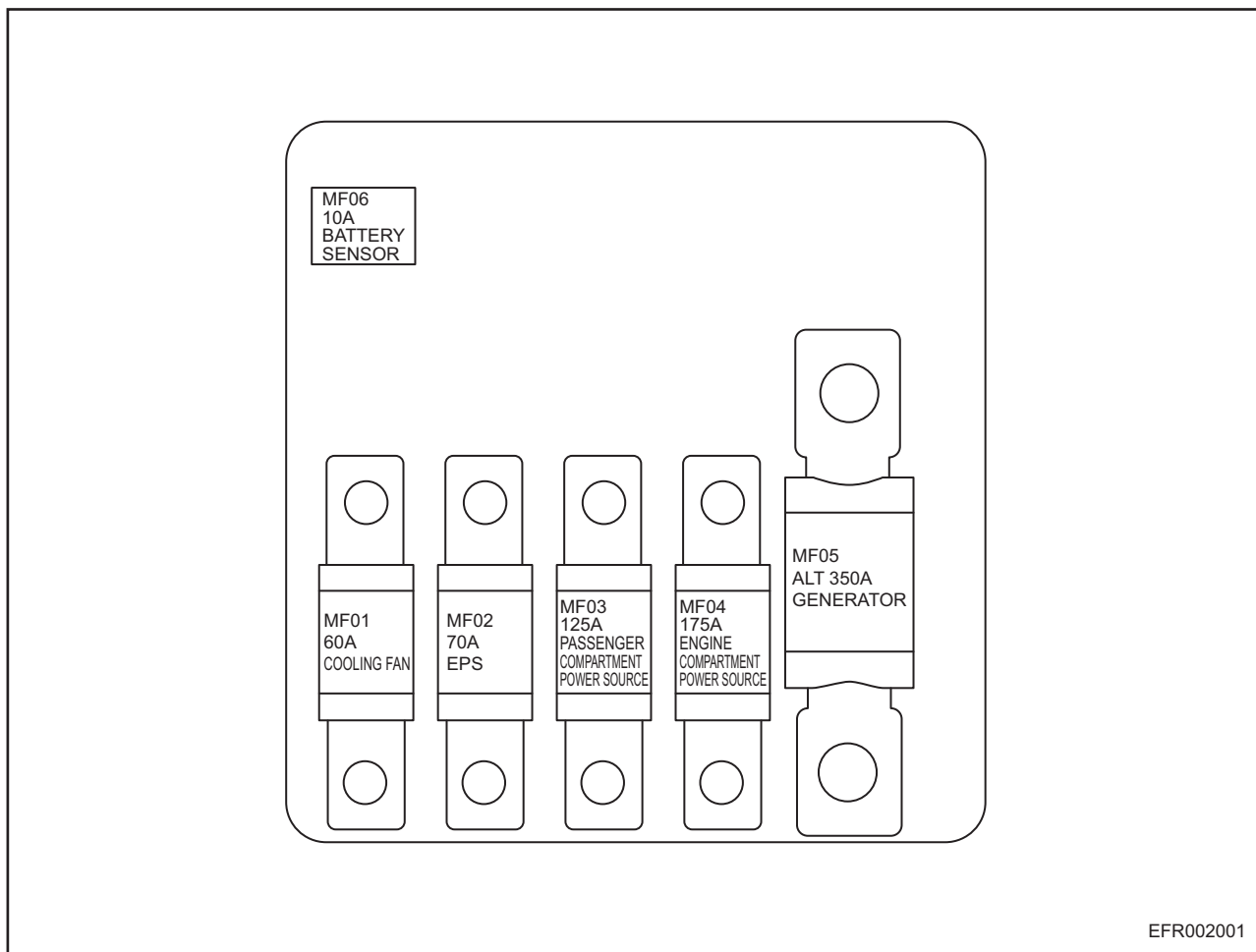
Location of engine compartment main fuse box and engine compartment fuse and relay box



06

EFR001001

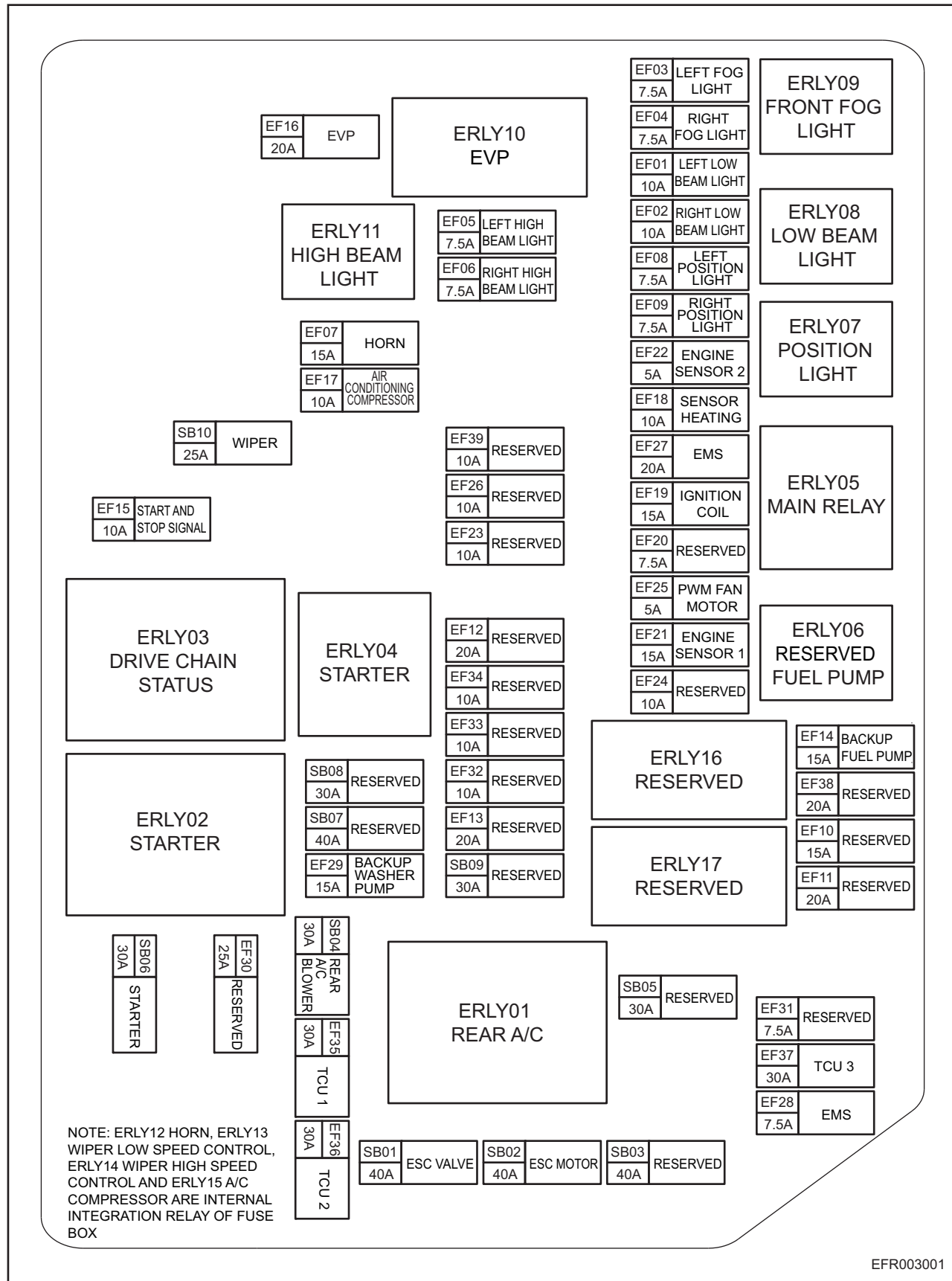
Detailed description of engine compartment main fuse box layout

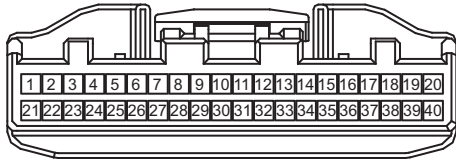


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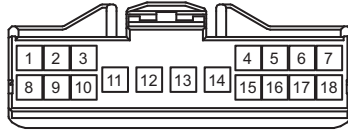
EFR002001

Detailed description of engine compartment fuse and relay box layout

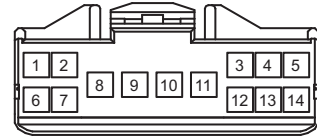




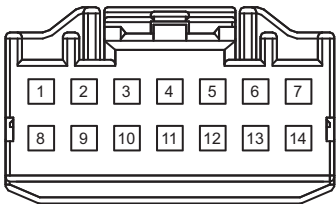
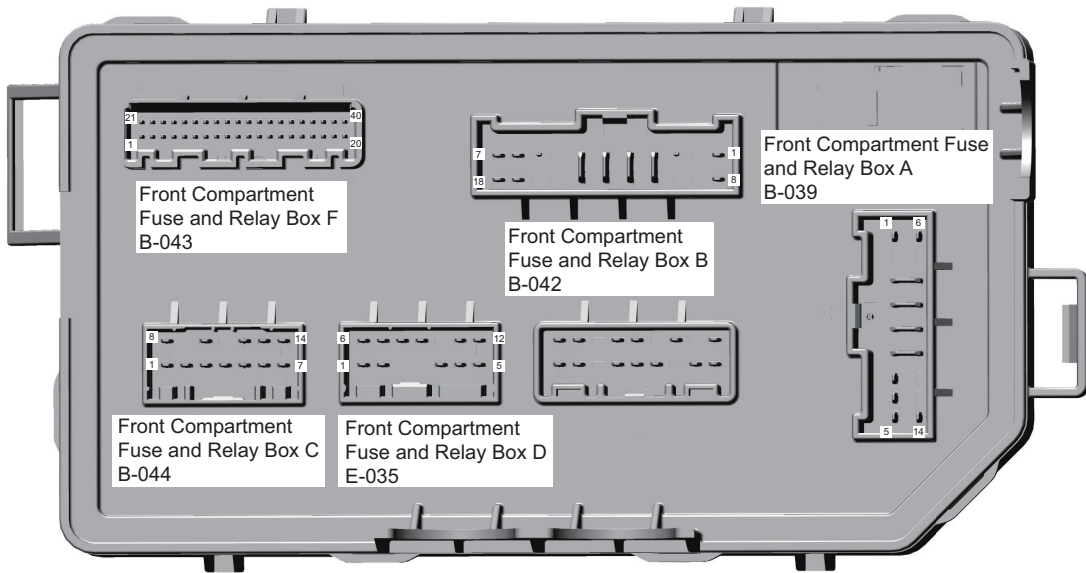
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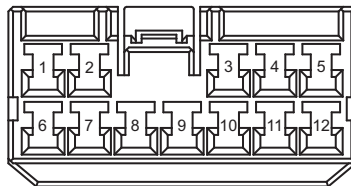
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(B-039)
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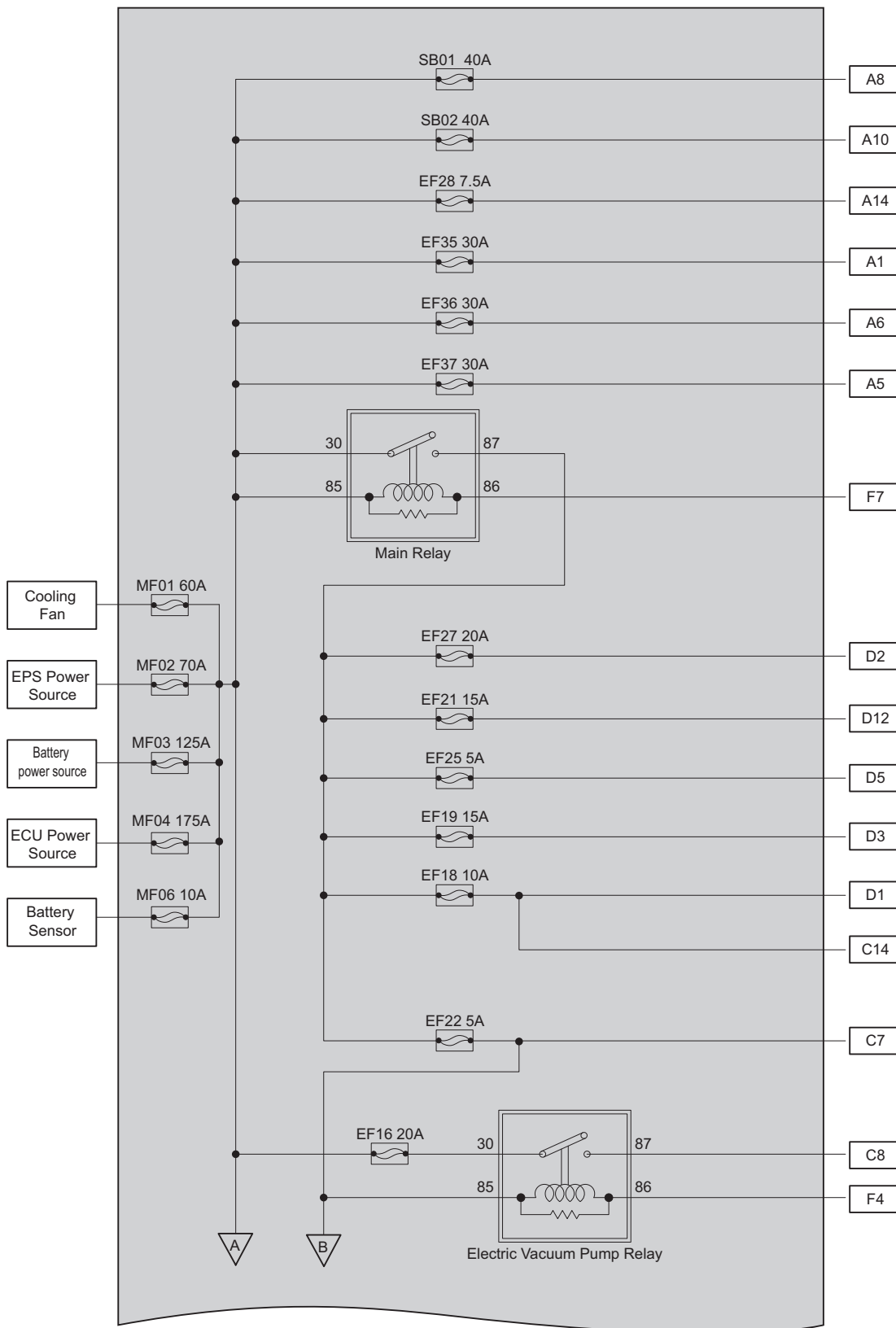
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(E-035)
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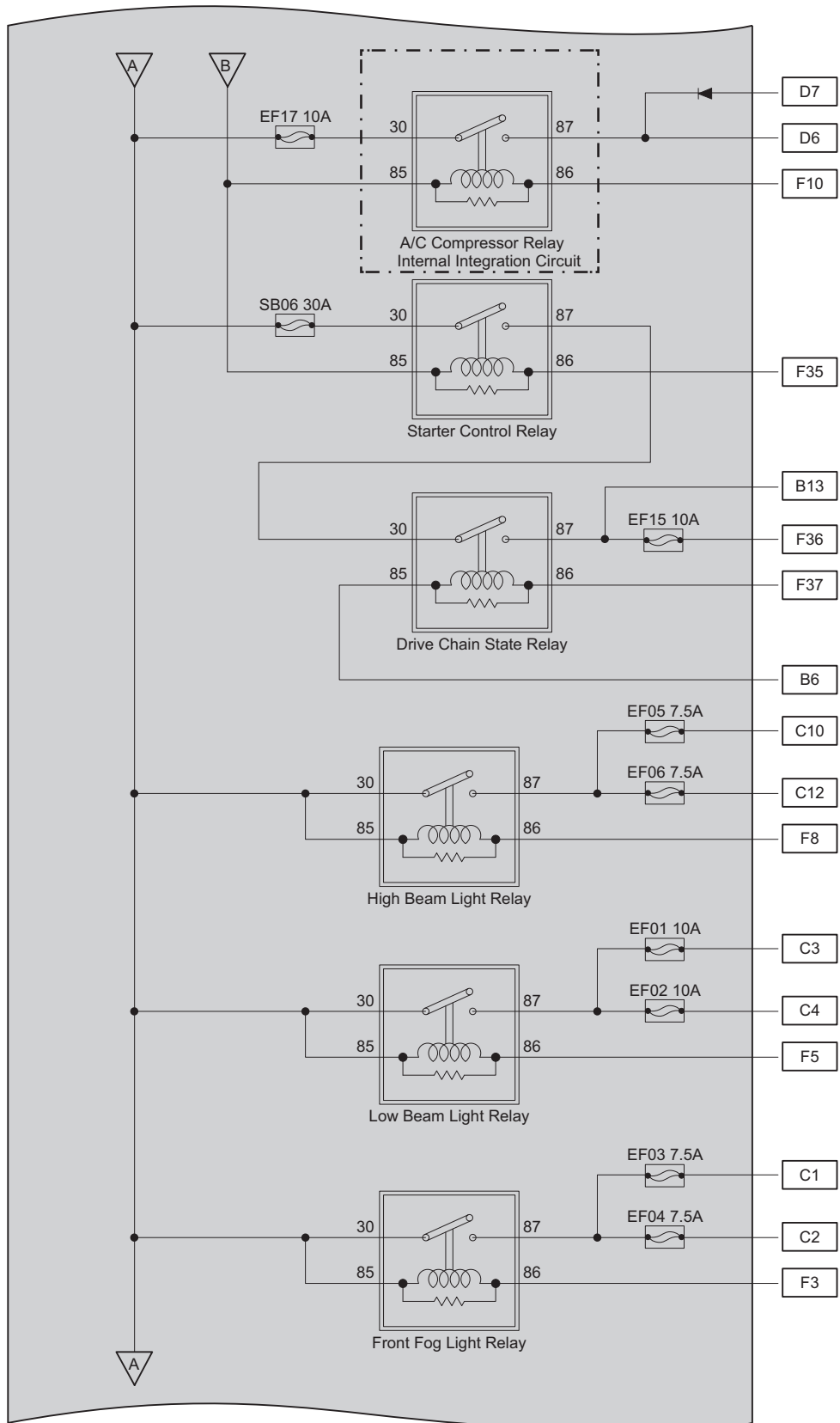
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Internal circuit of engine compartment main fuse box and engine compartment fuse and relay box

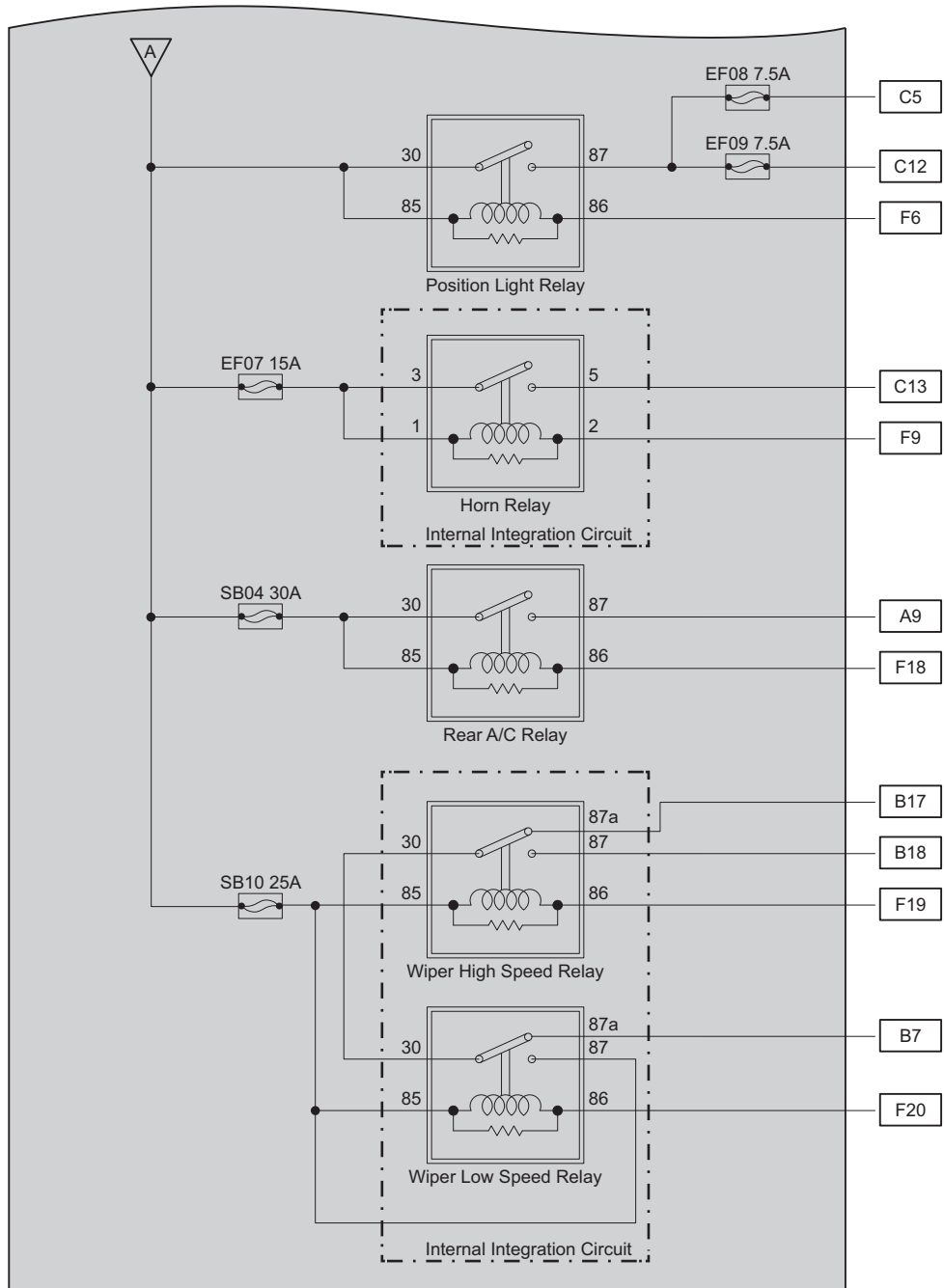


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EFR006001

Instrument Panel Fuse and Relay Box

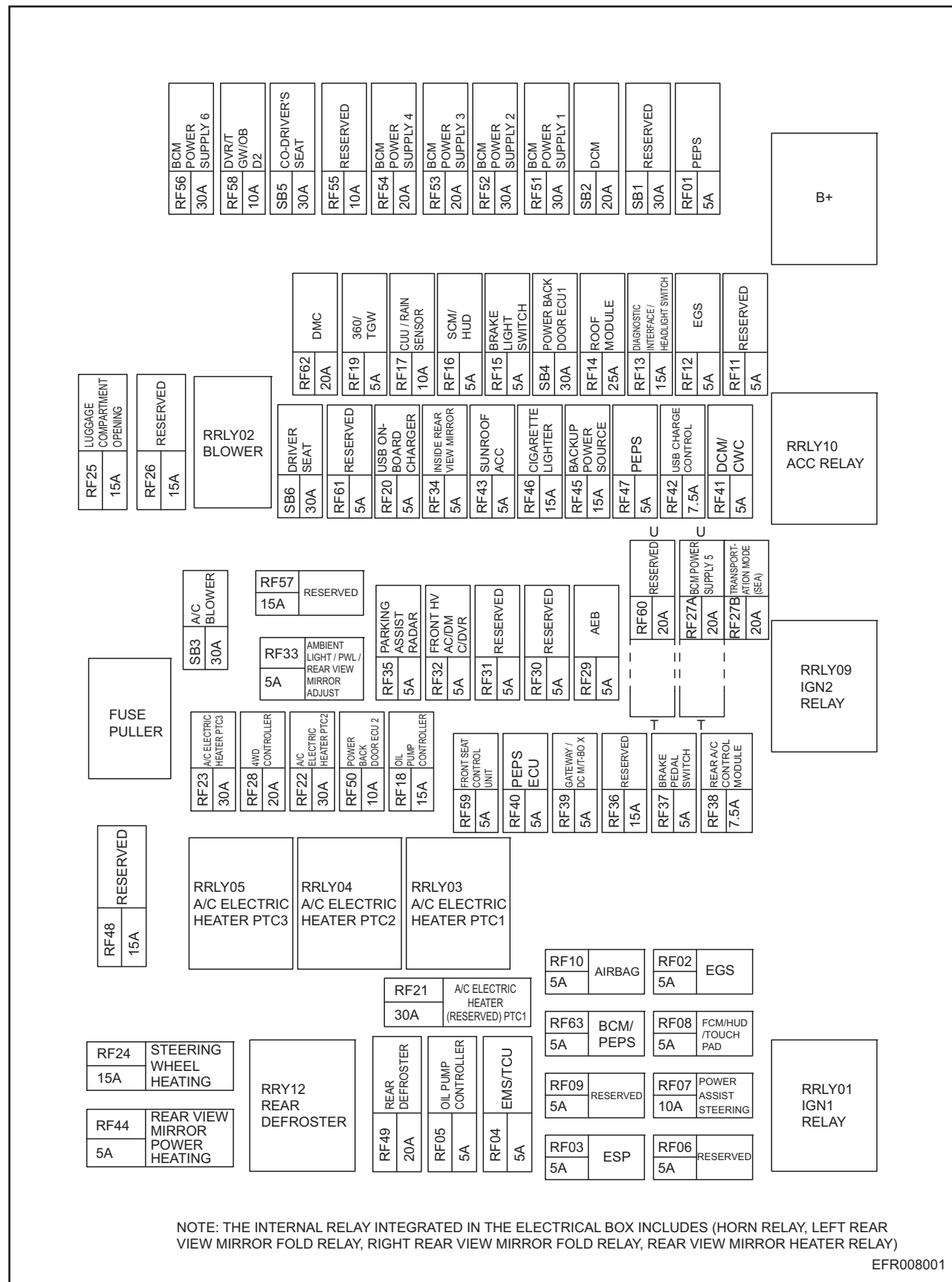
Location of instrument panel fuse and relay box

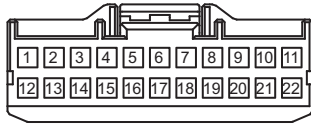


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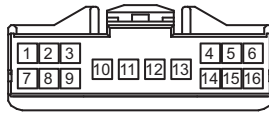
EFR007001

Detailed description of instrument panel fuse and relay box layout

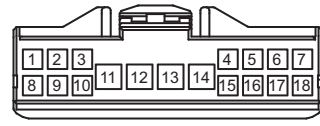




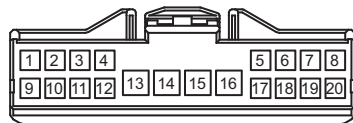
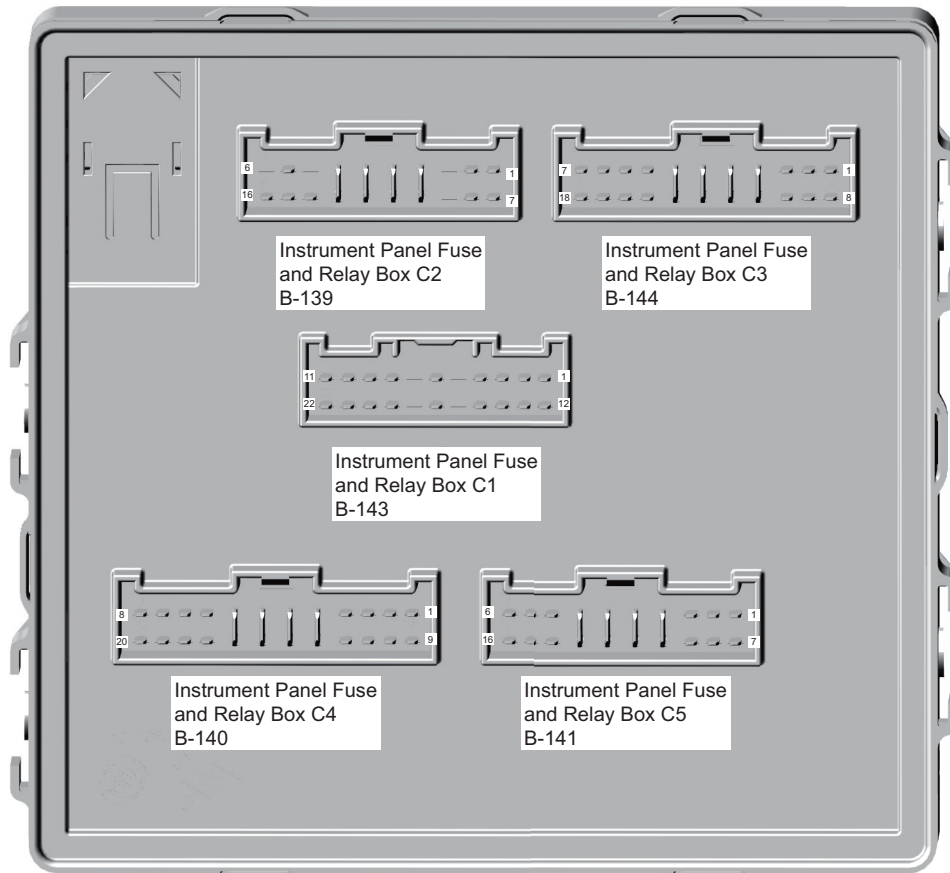
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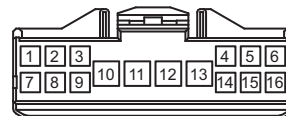
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(B-144)
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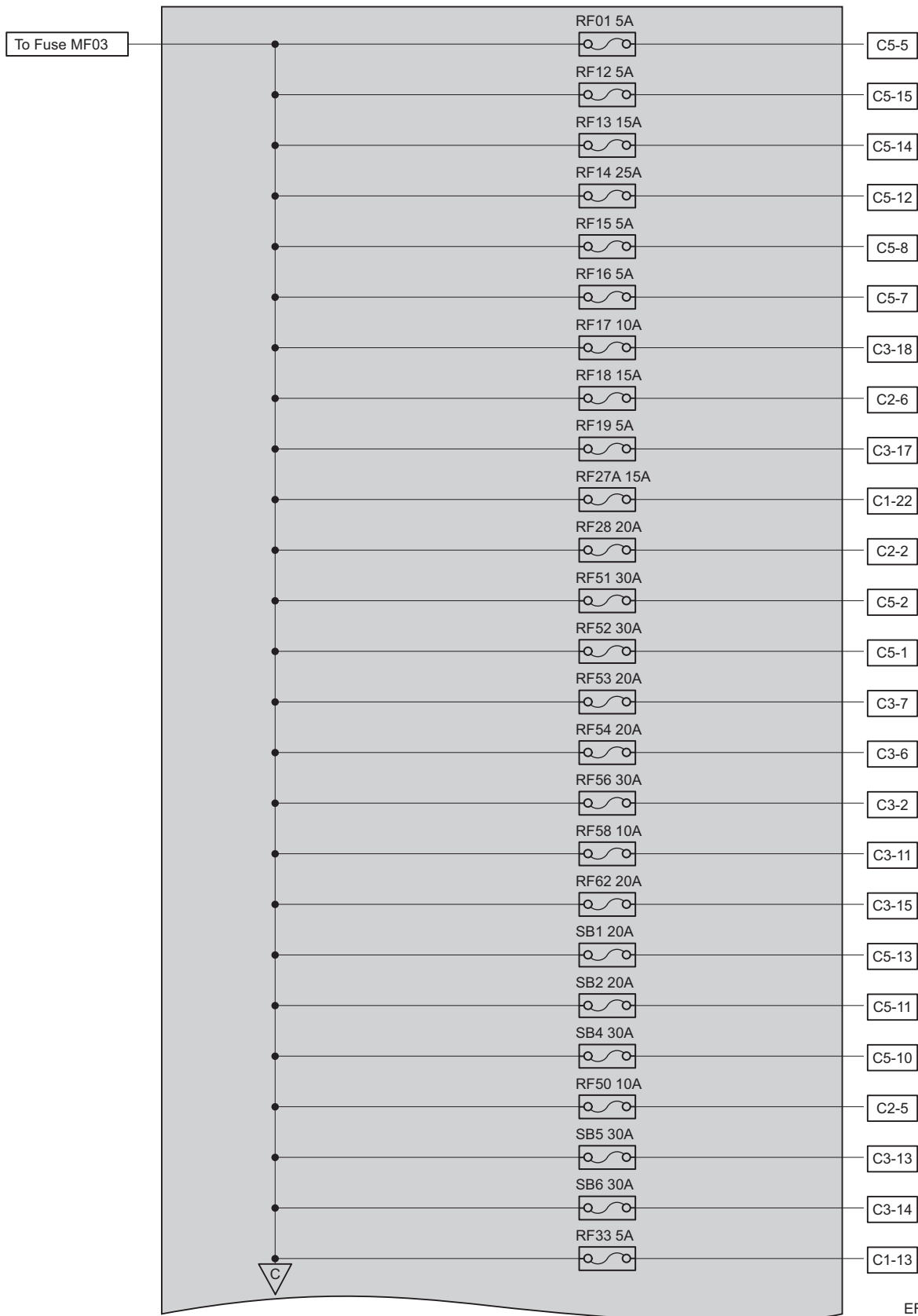
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(B-141)
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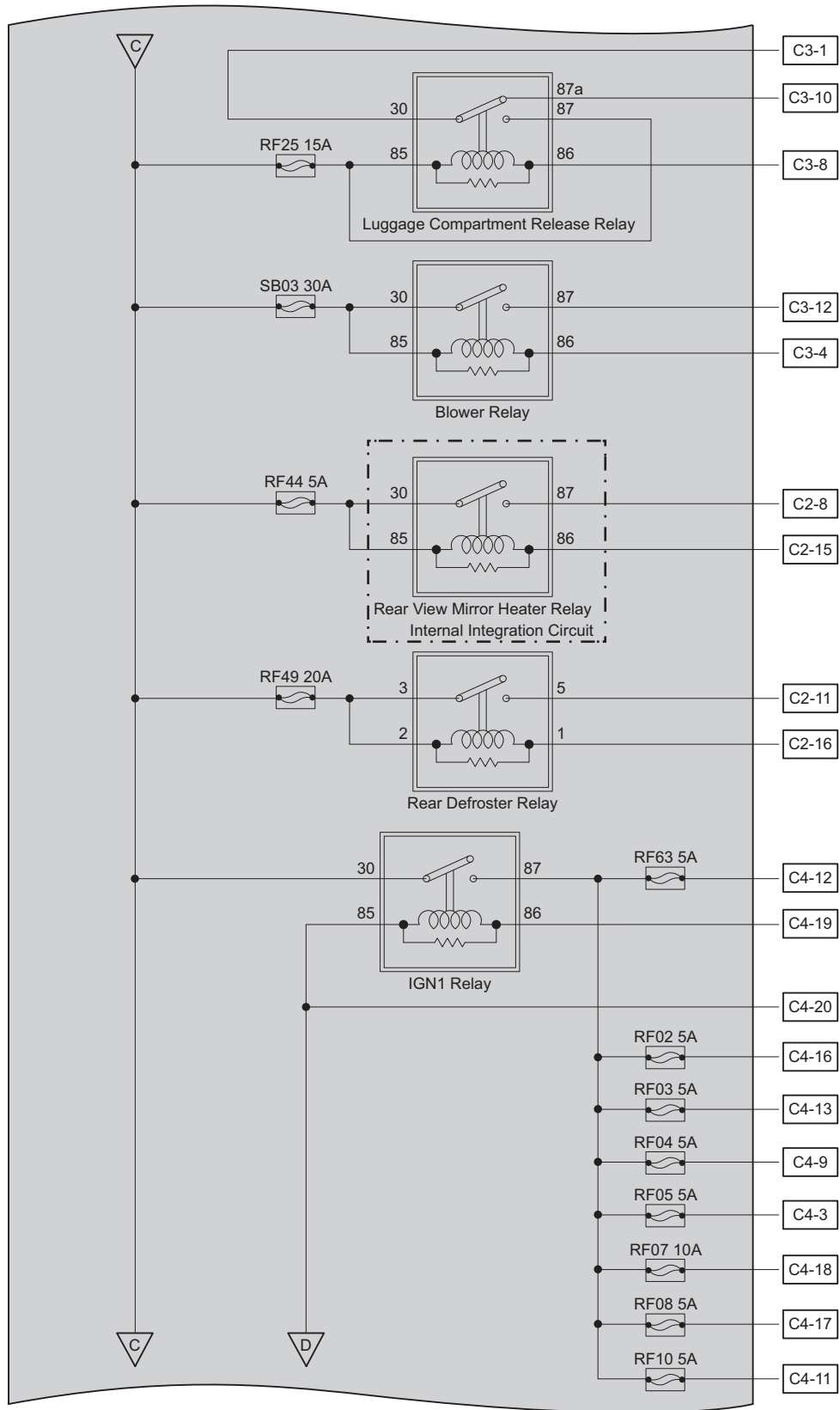
Internal circuit of instrument panel fuse and relay box



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EFR009001

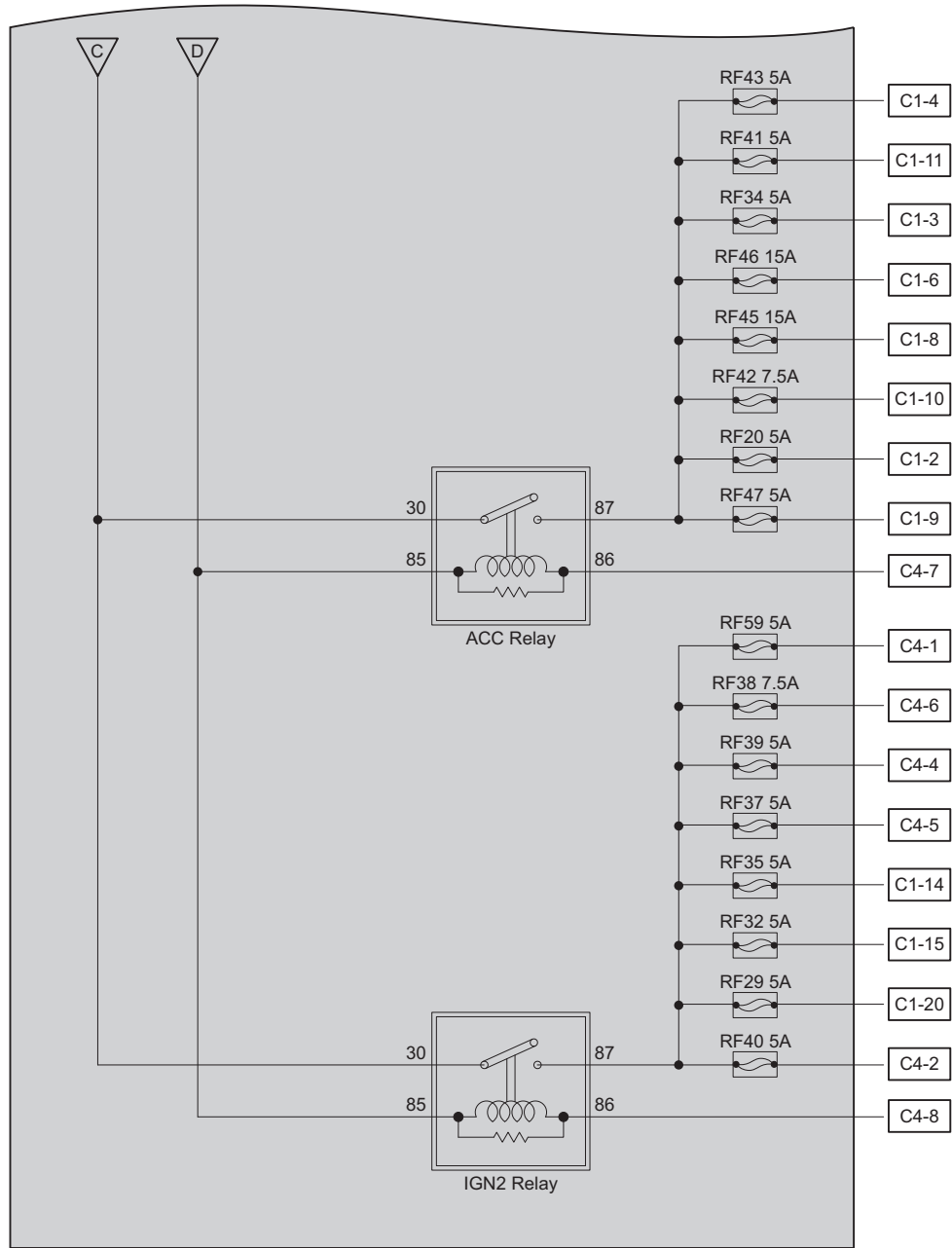




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EFR010001





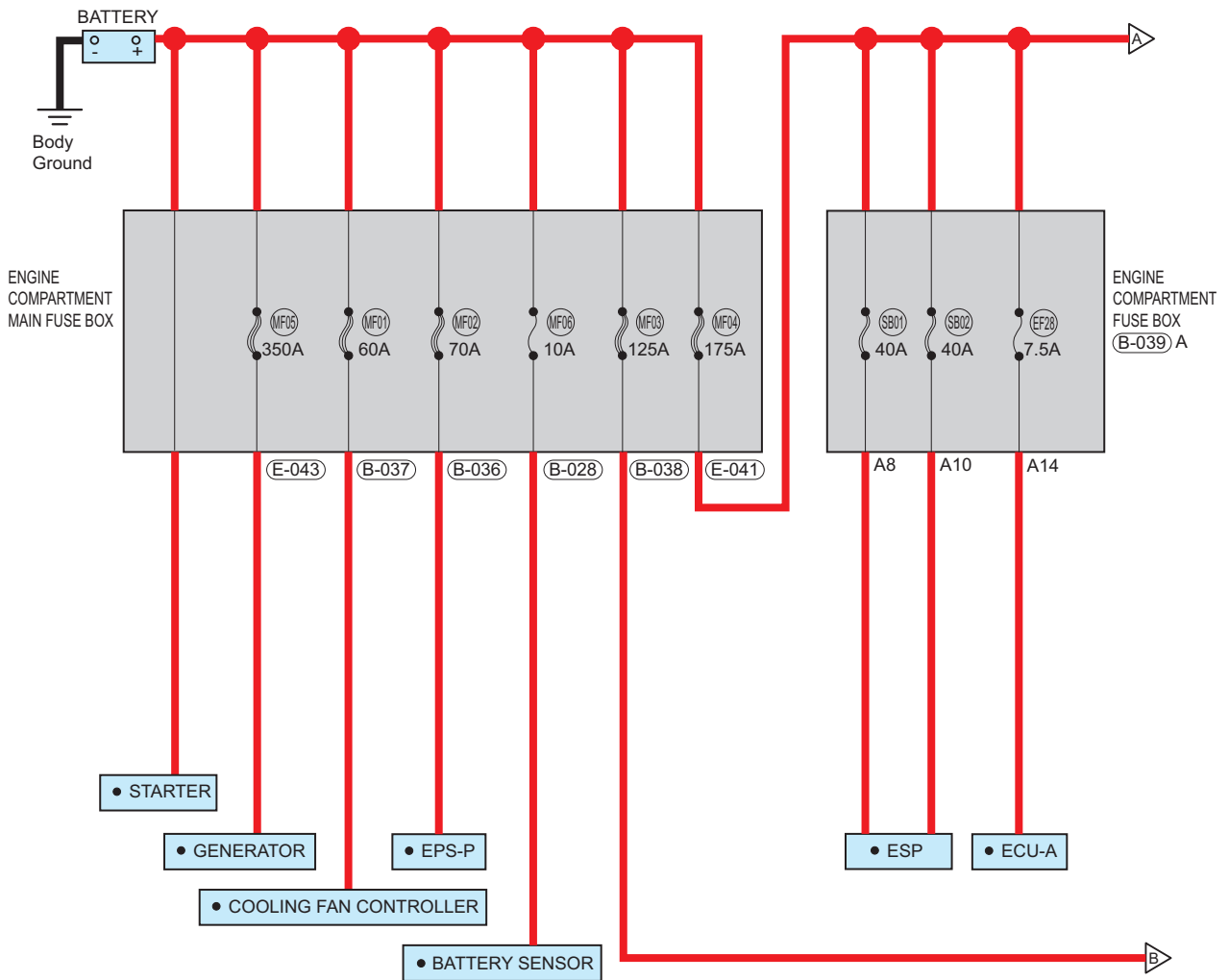
EFR011001

Power Distribution Center

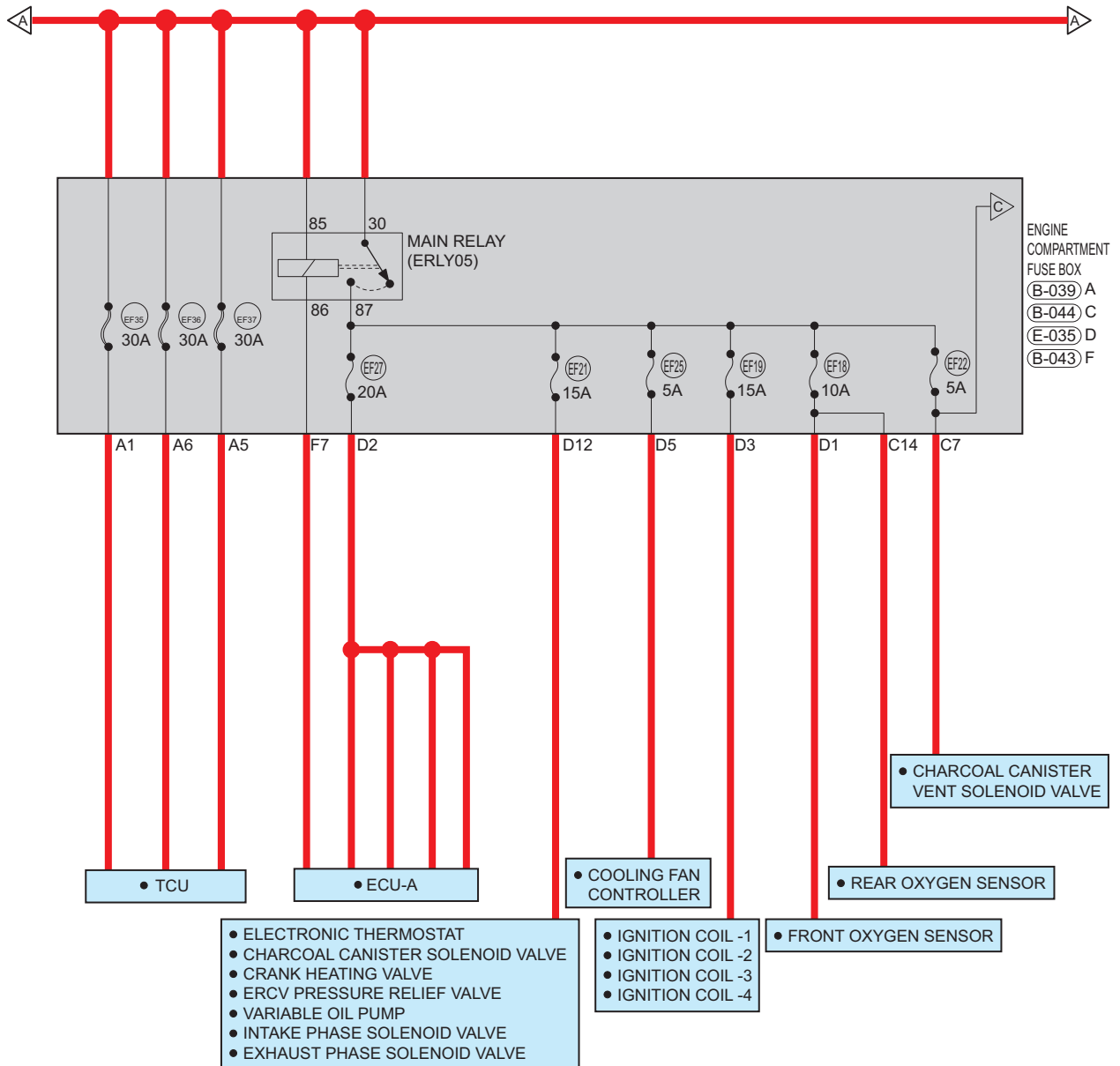
General Information

This section provides safe, reliable and efficient power supply for all electrical equipment of the vehicle. The power is distributed to the following components: battery, engine compartment fuse and relay box, instrument panel fuse and relay box, ignition switch, fuse and relay.

Power Distribution



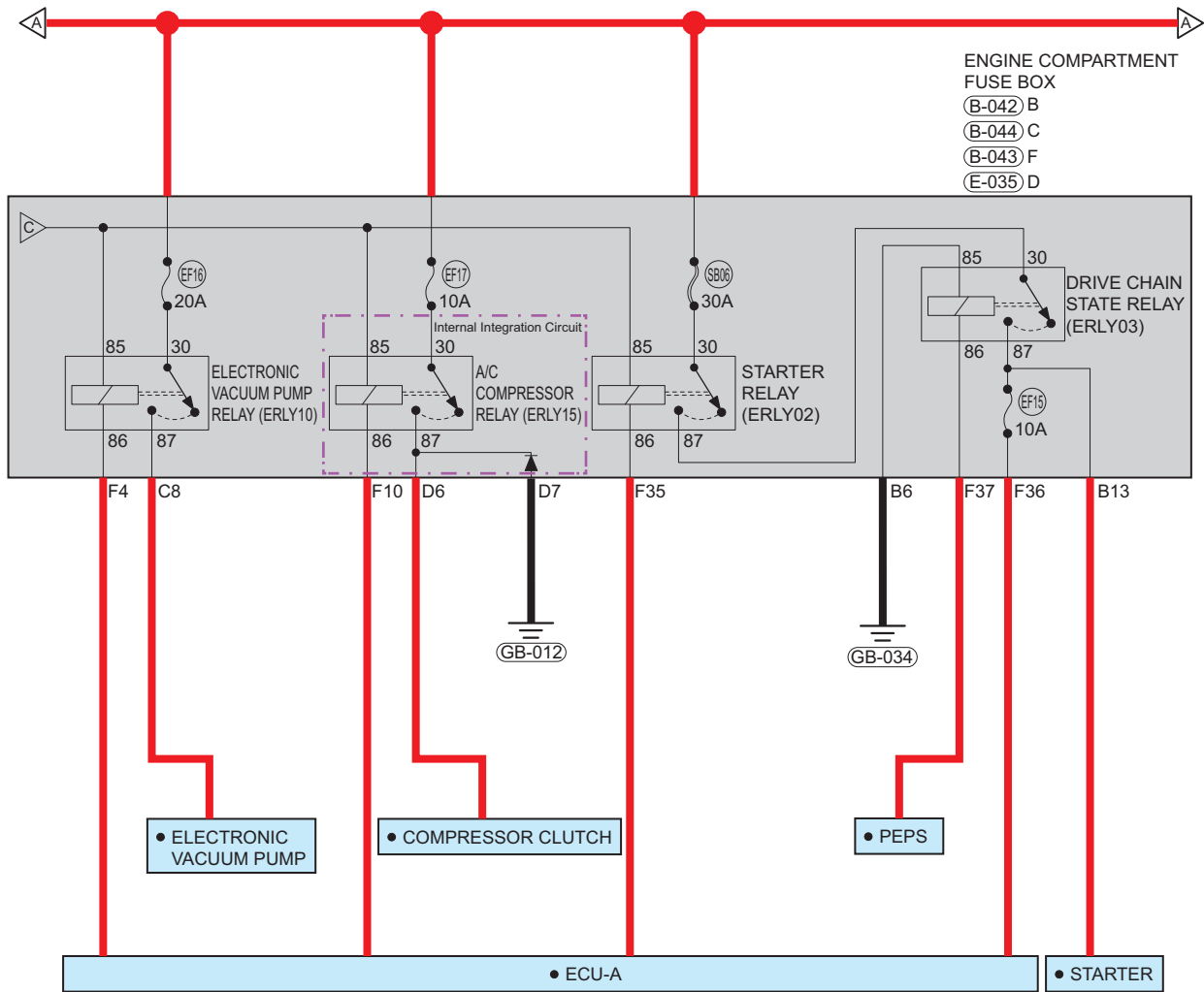
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07

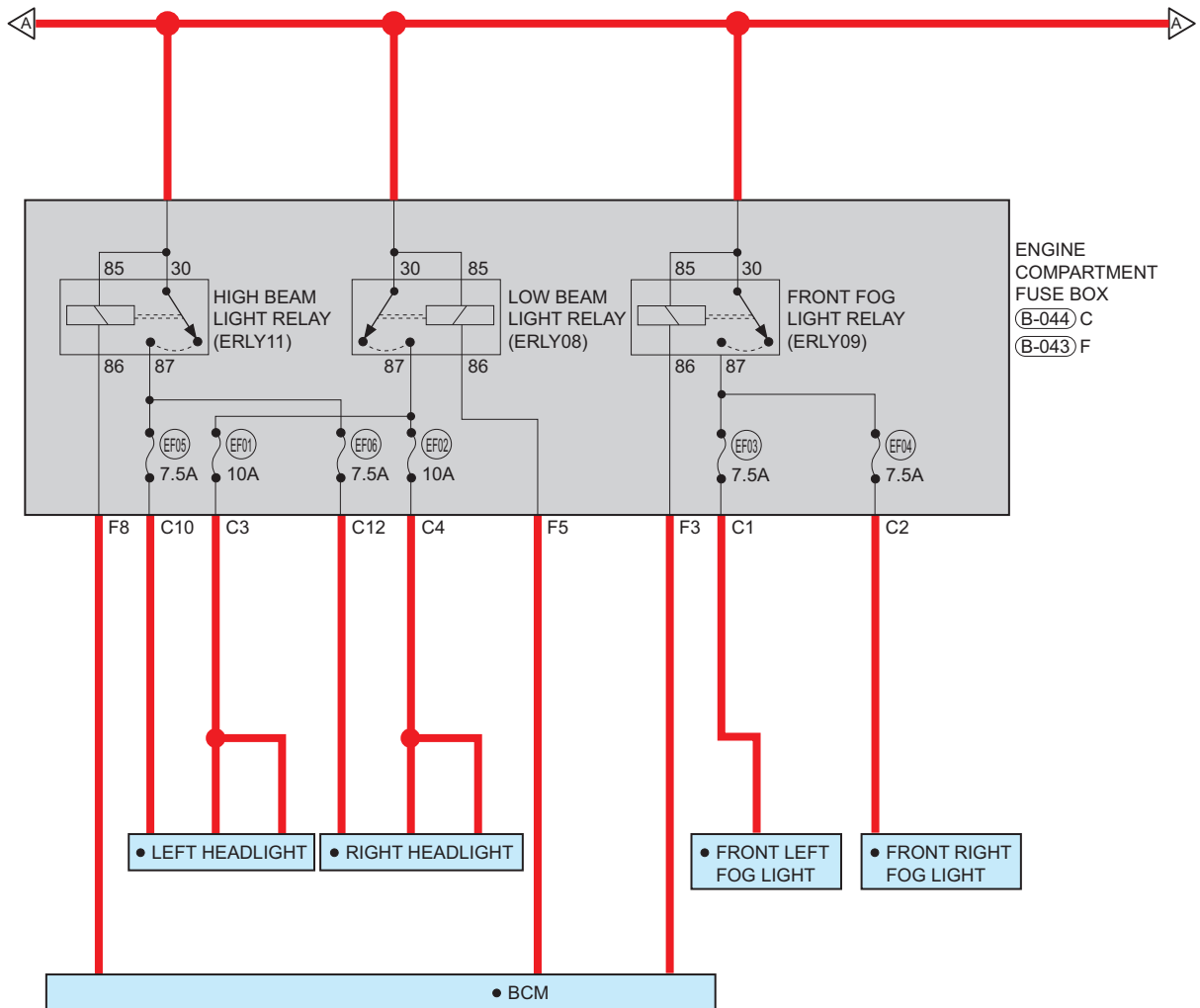
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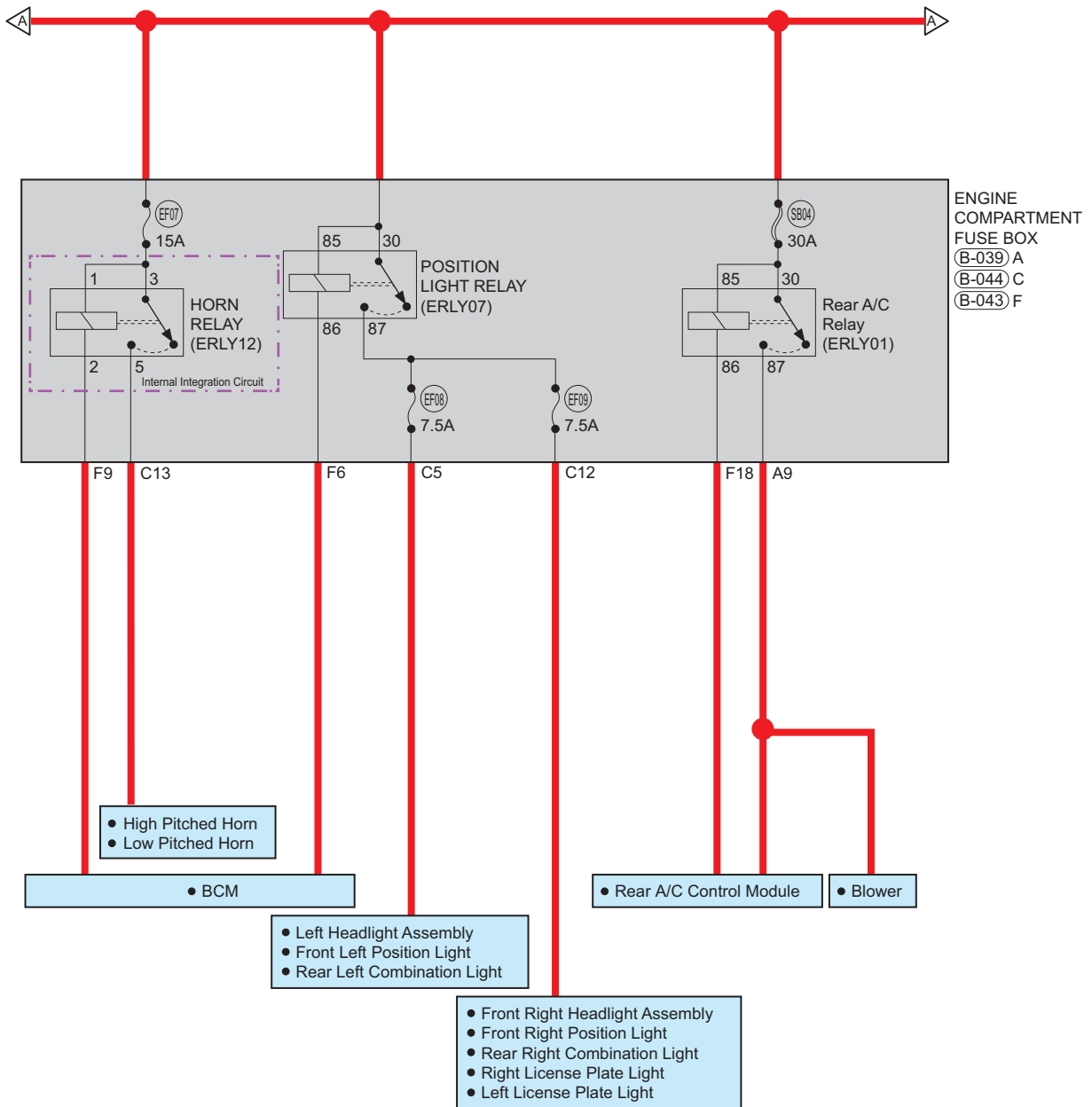
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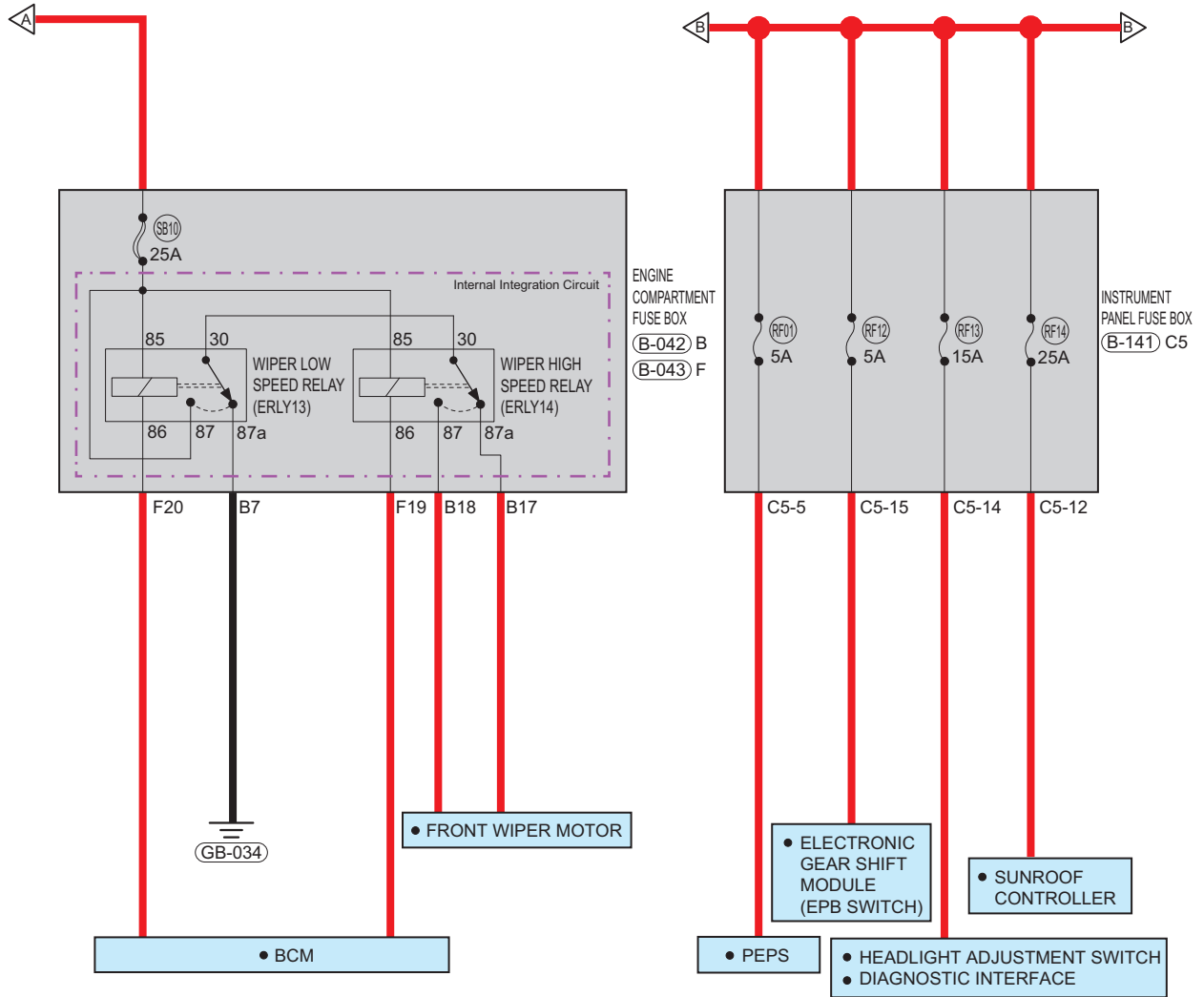
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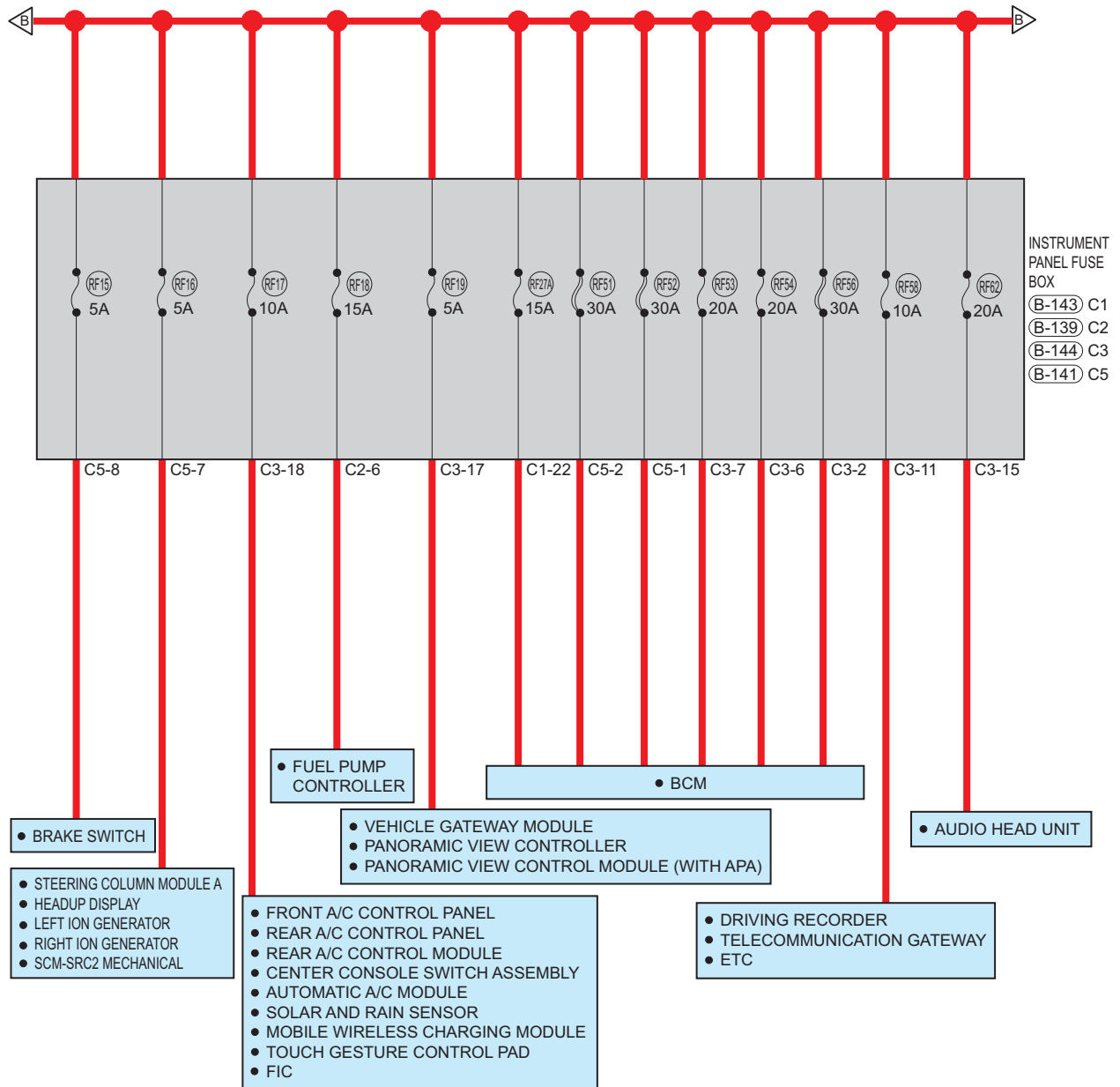
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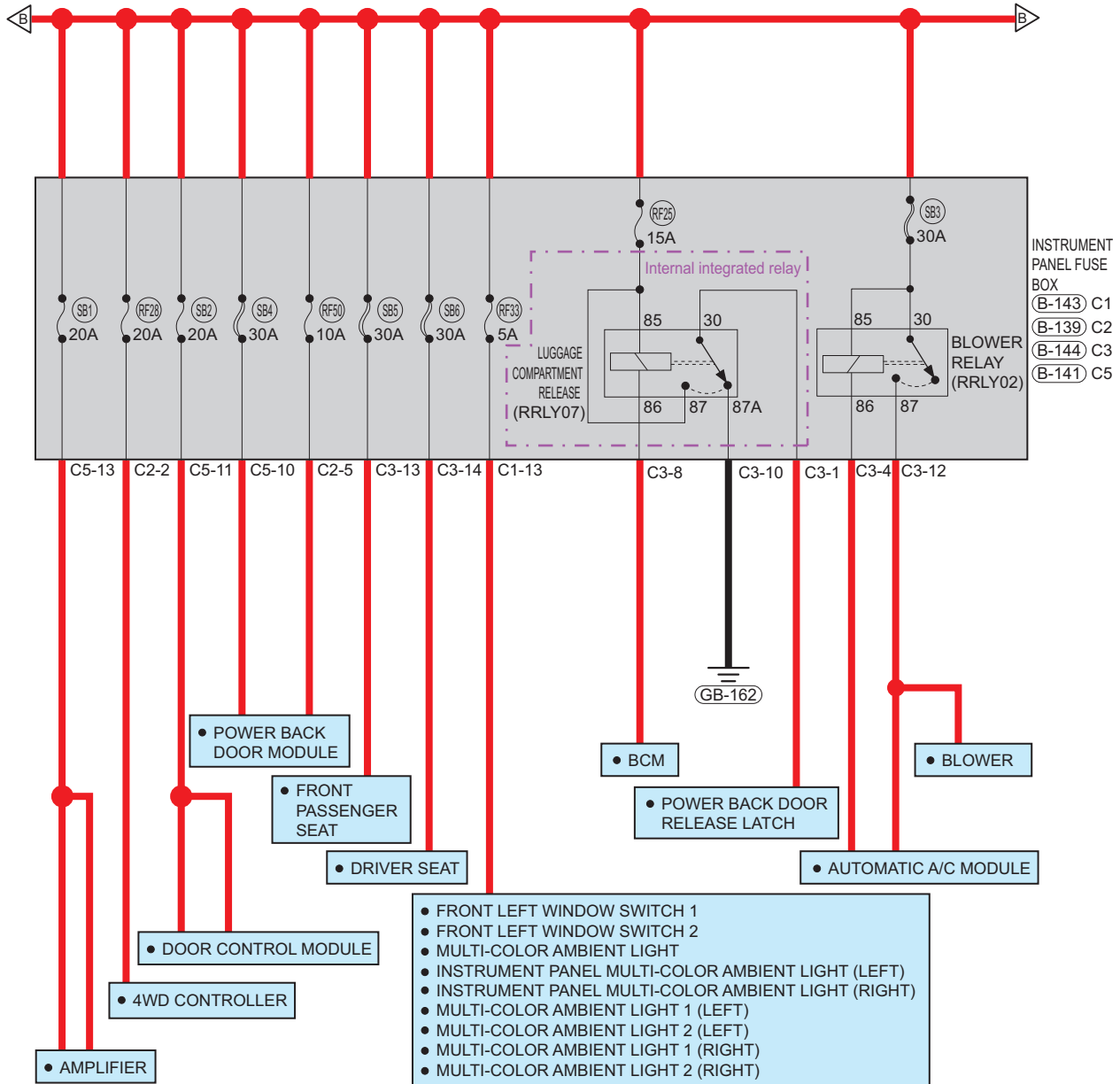
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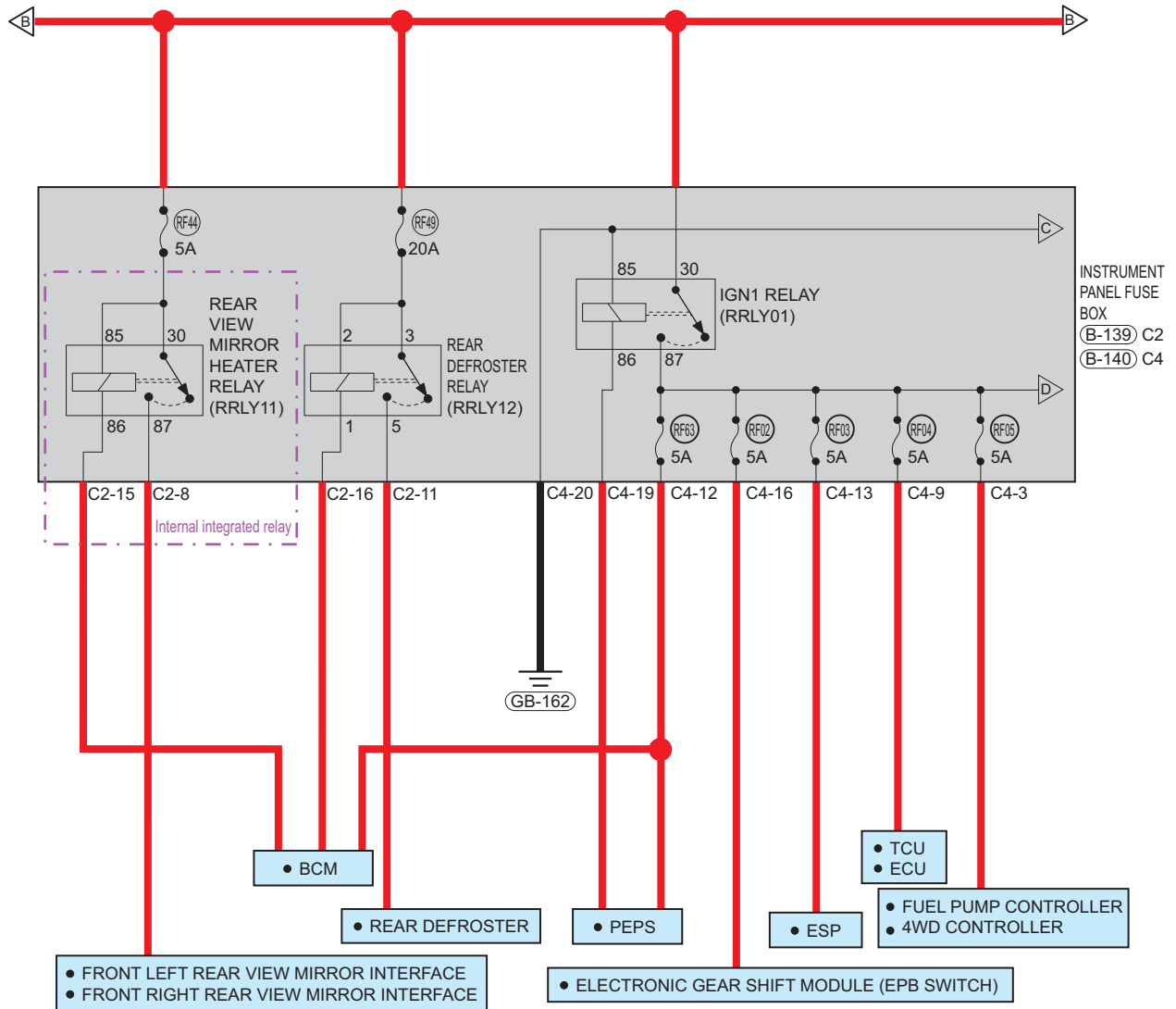


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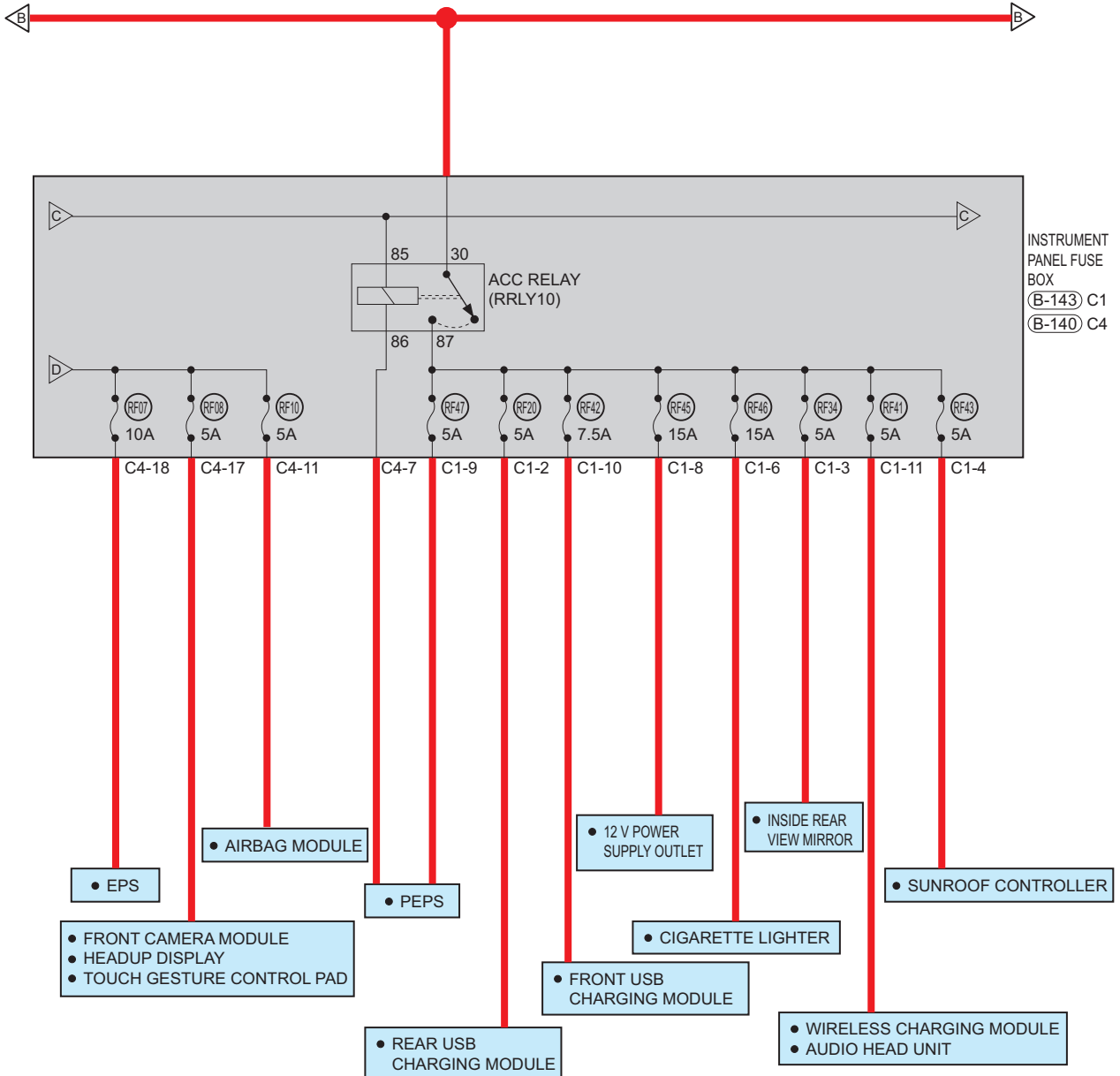


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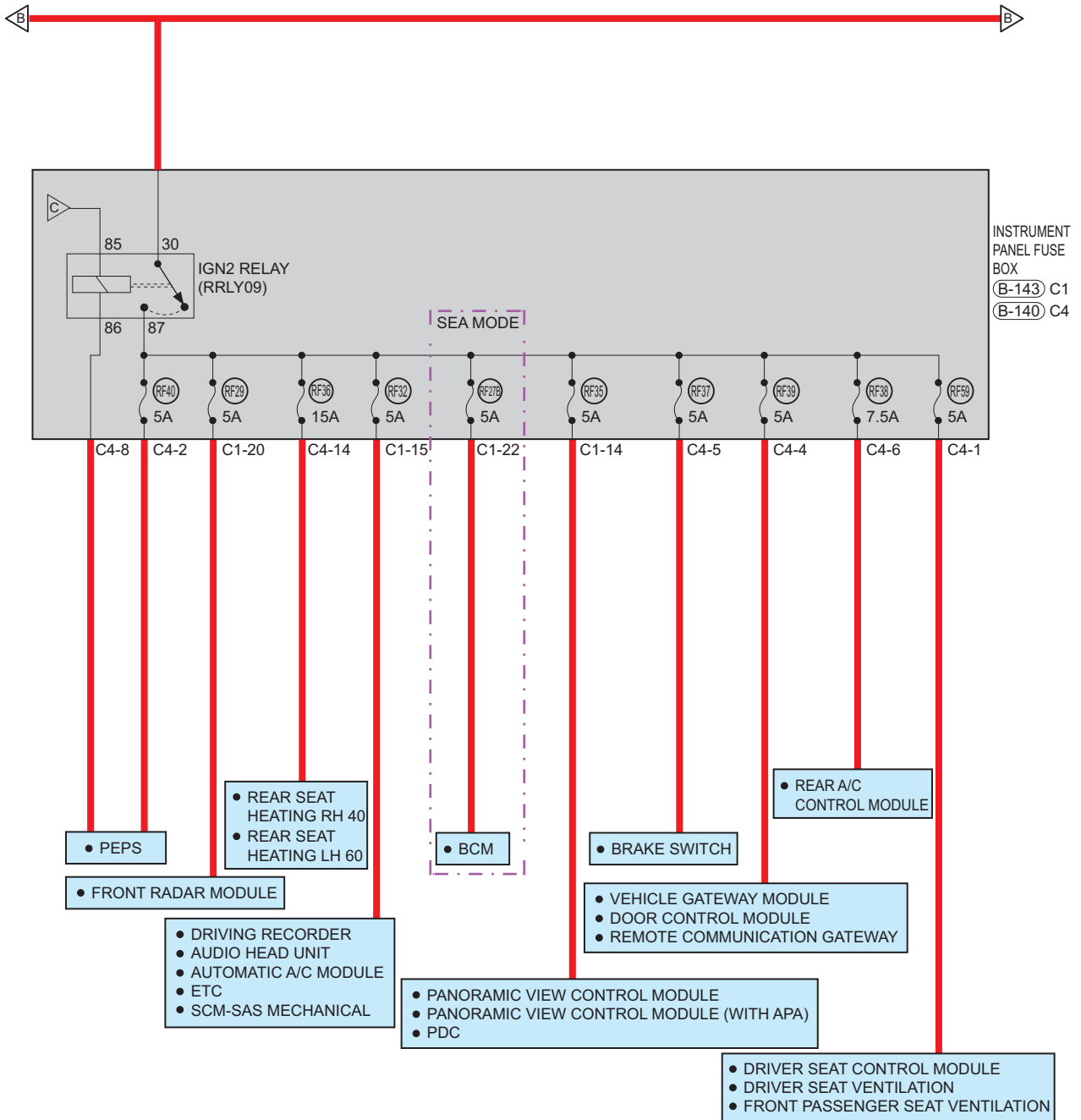
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POE010001





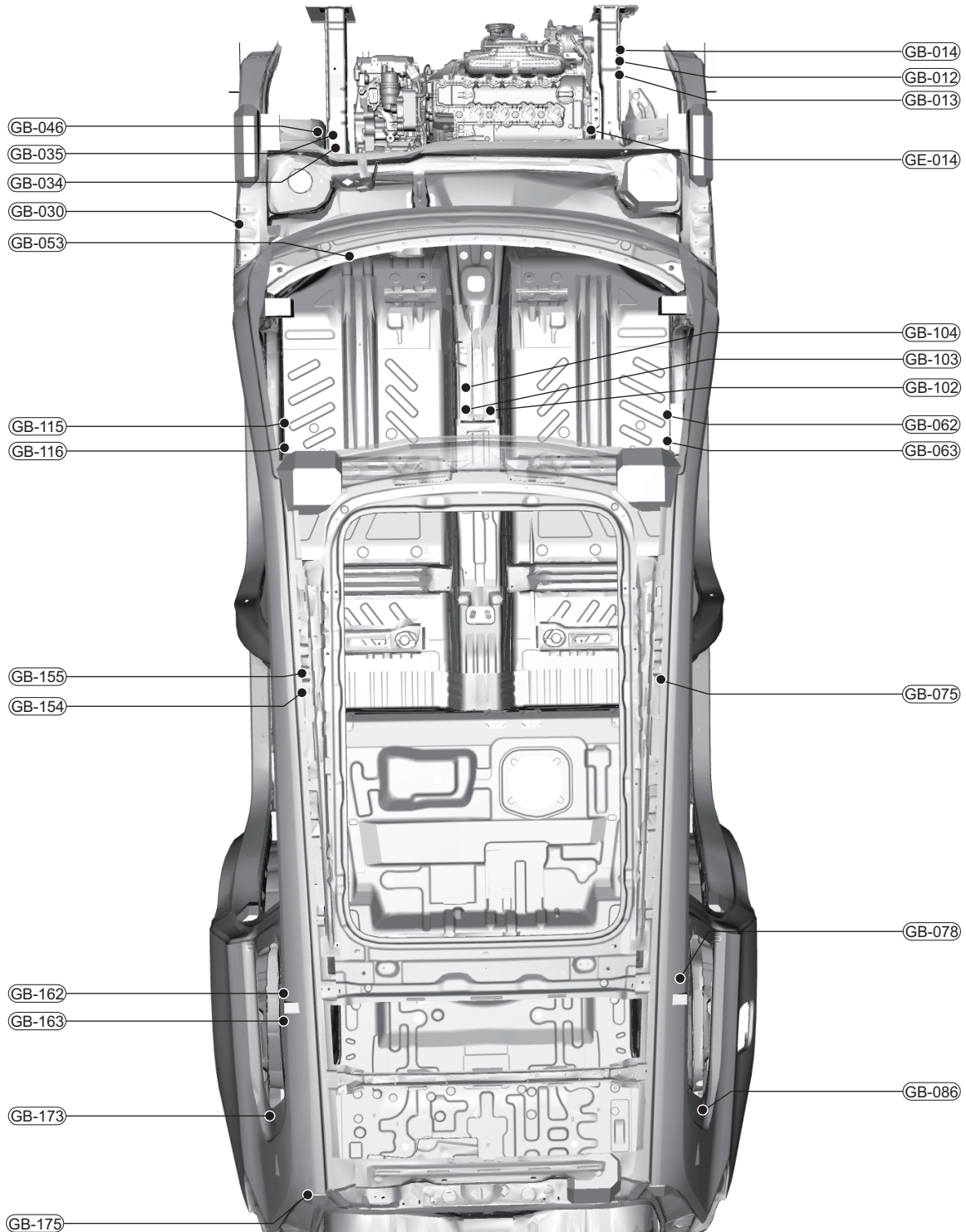
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POE011001

Ground Point

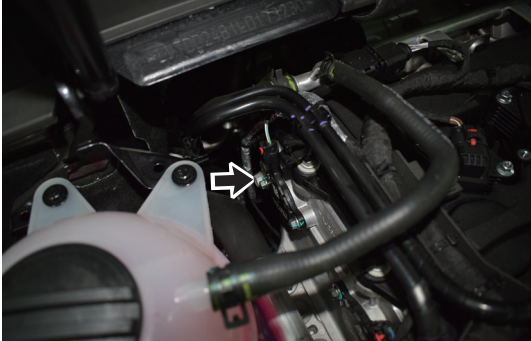
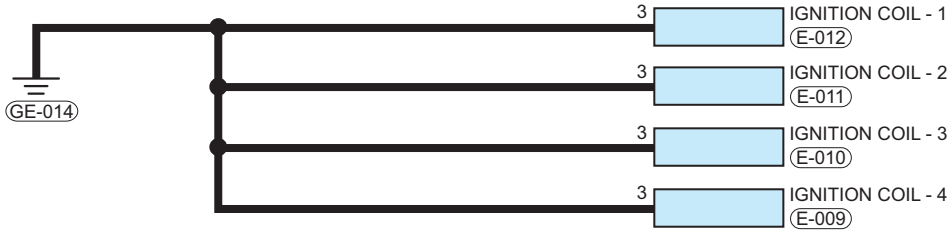
General Information

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



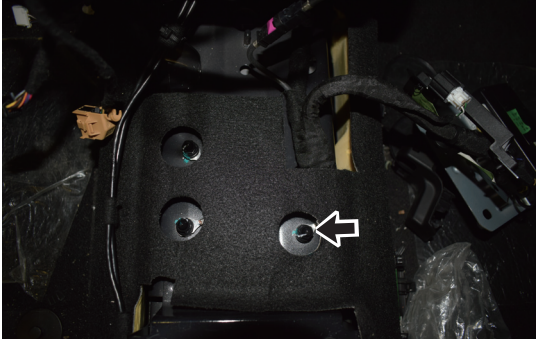

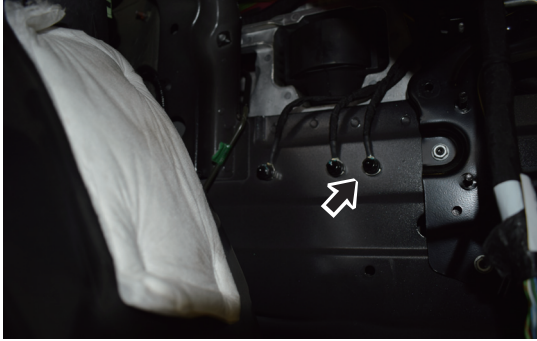
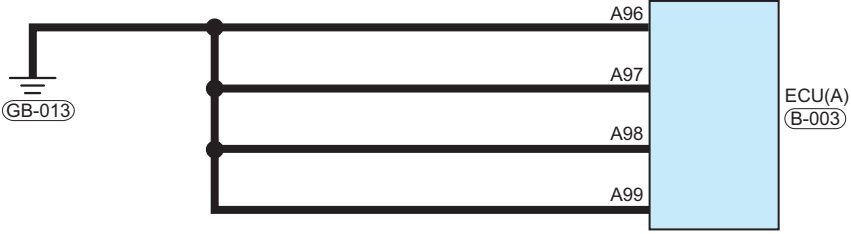
Engine Wire Harness Ground Point Distribution

Engine wire harness has one ground point: GE-014

GROUND POSITION	PHYSICAL GRAPHICS
<p>Engine</p>	
	



Interior Wire Harness Ground Point Distribution


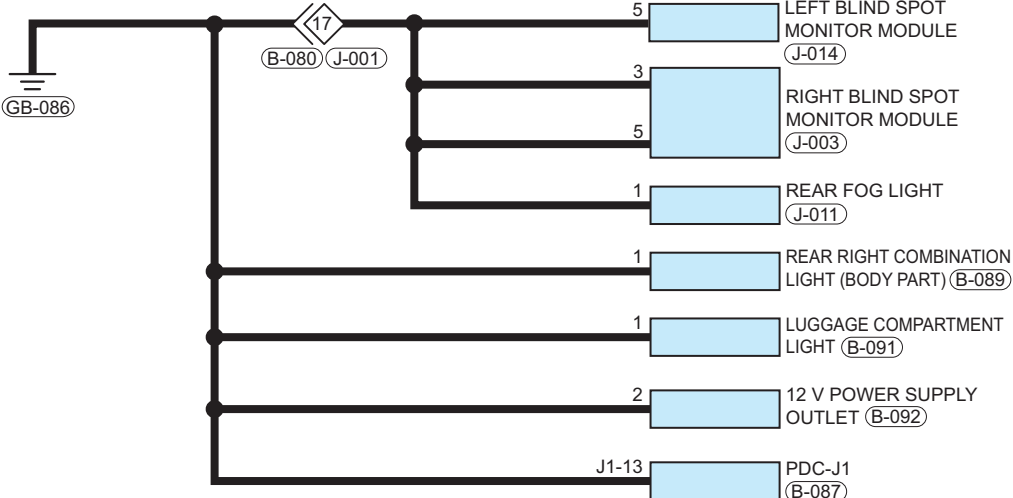
Interior wire harness has 24 ground points in total: GB-012, GB-013, GB-014, GB-030, GB-034, GB-035, GB-046, GB-053, GB-062, GB-063, GB-075, GB-078, GB-086, GB-102, GB-103, GB-104, GB-115, GB-116, GB-154, GB-155, GB-162, GB-163, GB-173, GB-175

Ground Position	Physical Graphics
Central Channel	
	
GROUND POSITION	PHYSICAL GRAPHICS
Front Right Side Rail Cover Plate	
	

08

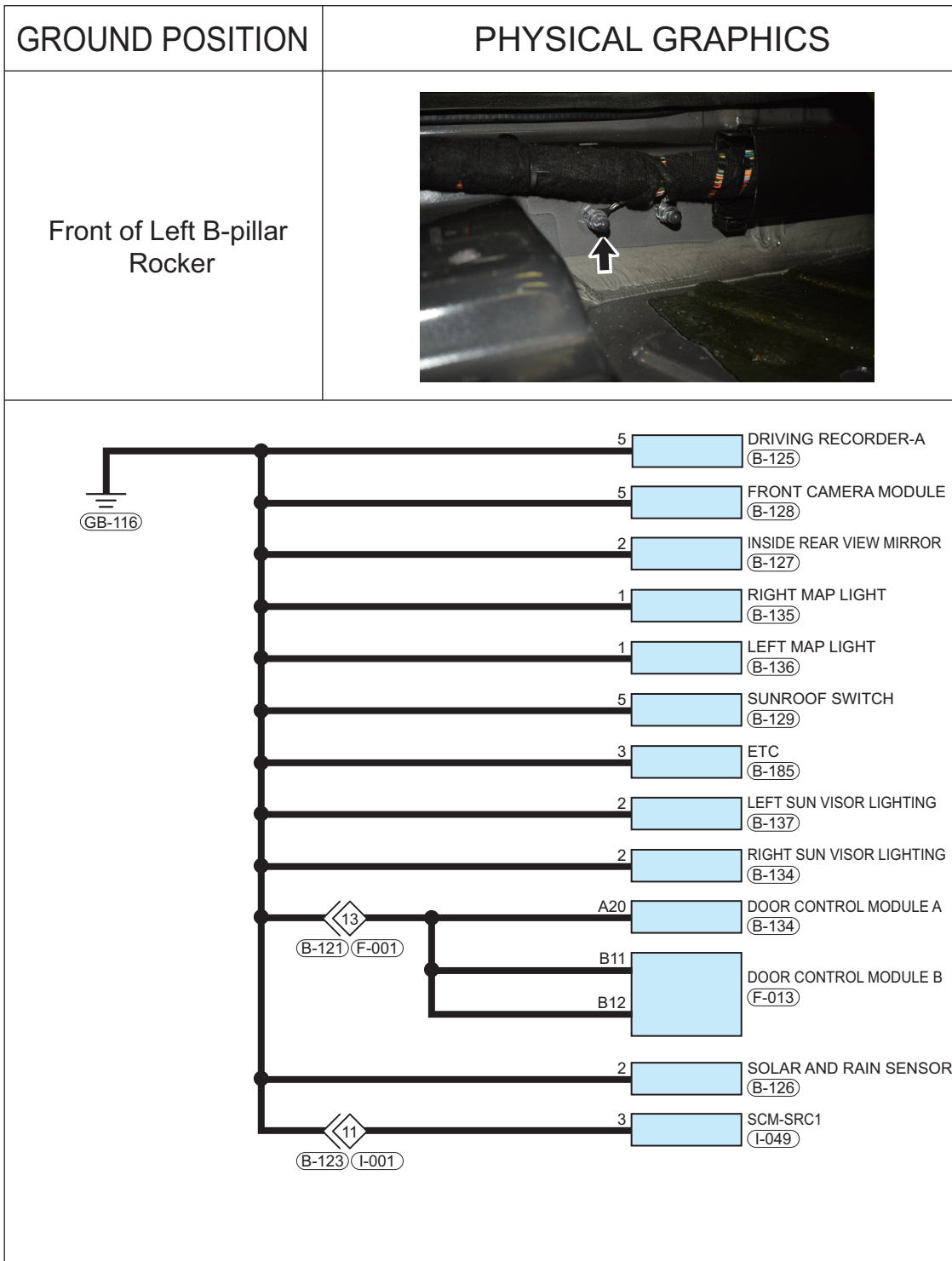
GDE002001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Gutter Channel Rear Part Body</p>	
	

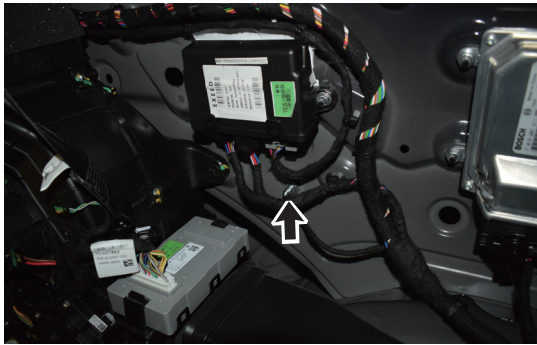

GROUND POSITION	PHYSICAL GRAPHICS
<p>Right C-pillar Inner Plate</p>	
	

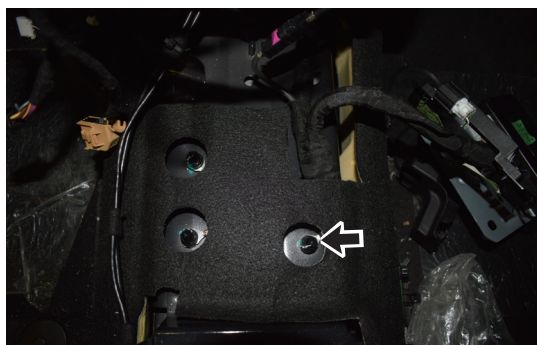
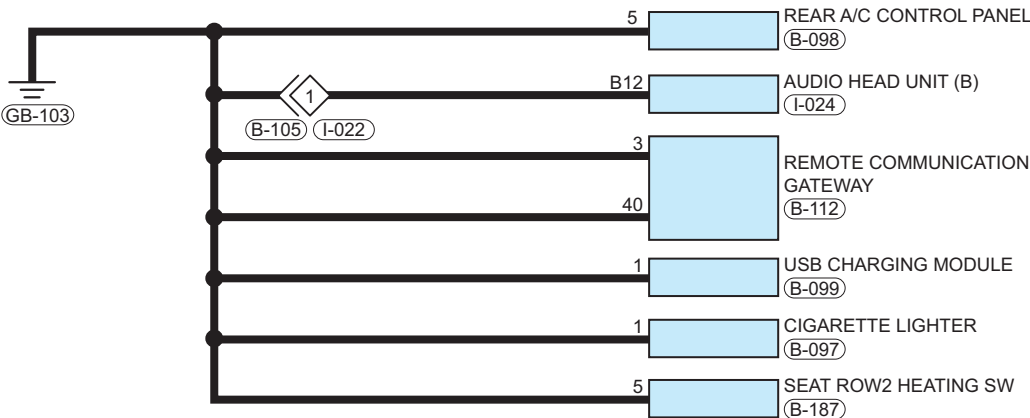
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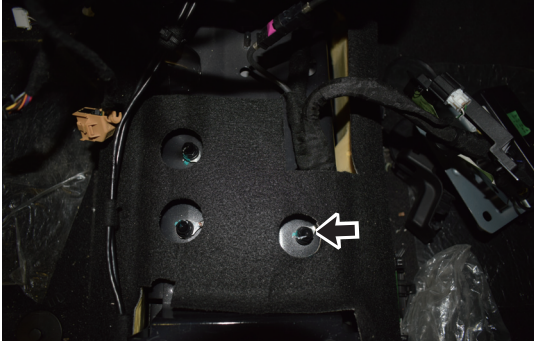
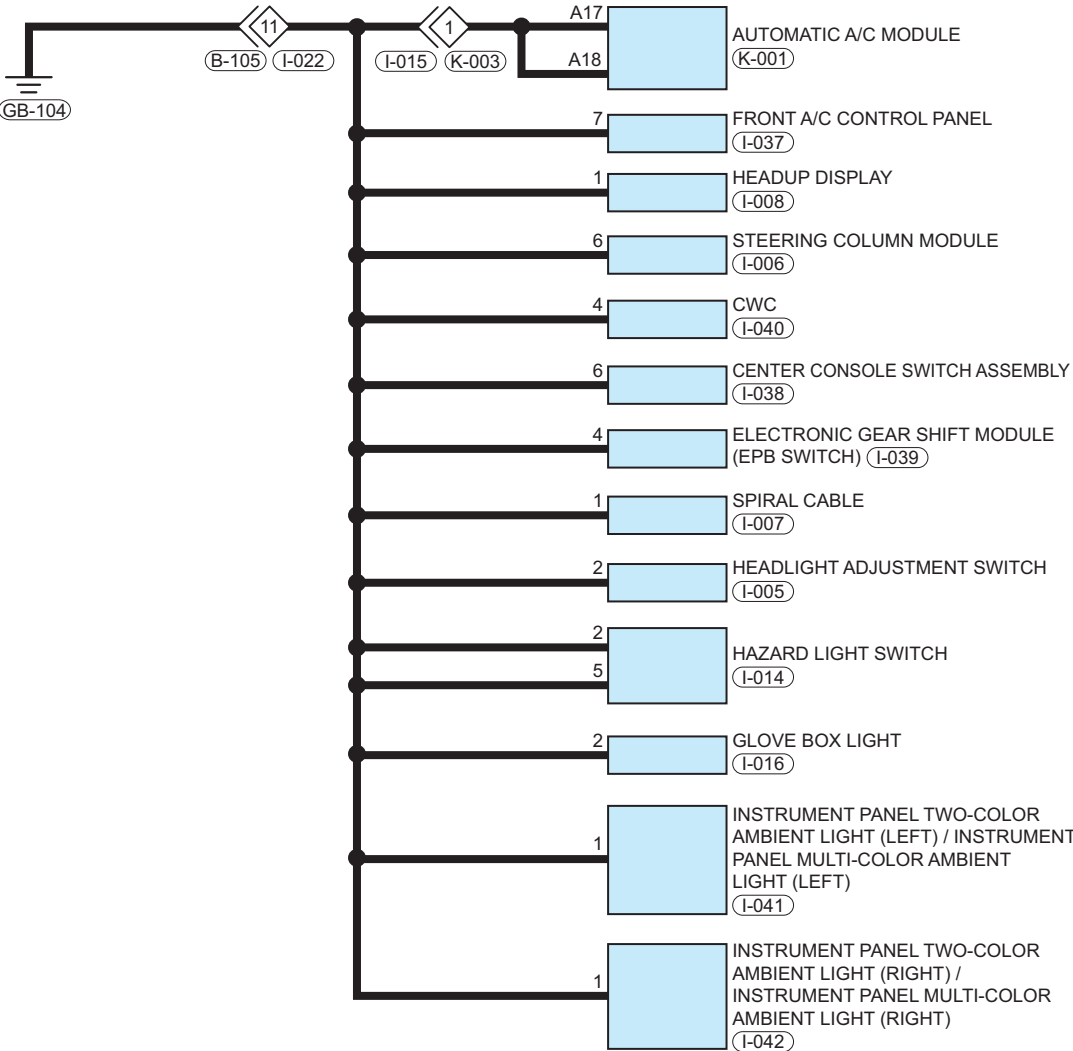
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GROUND POSITION	PHYSICAL GRAPHICS
Left C-pillar Inner Plate	
	

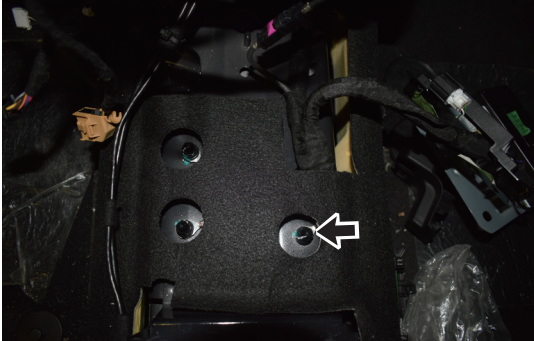
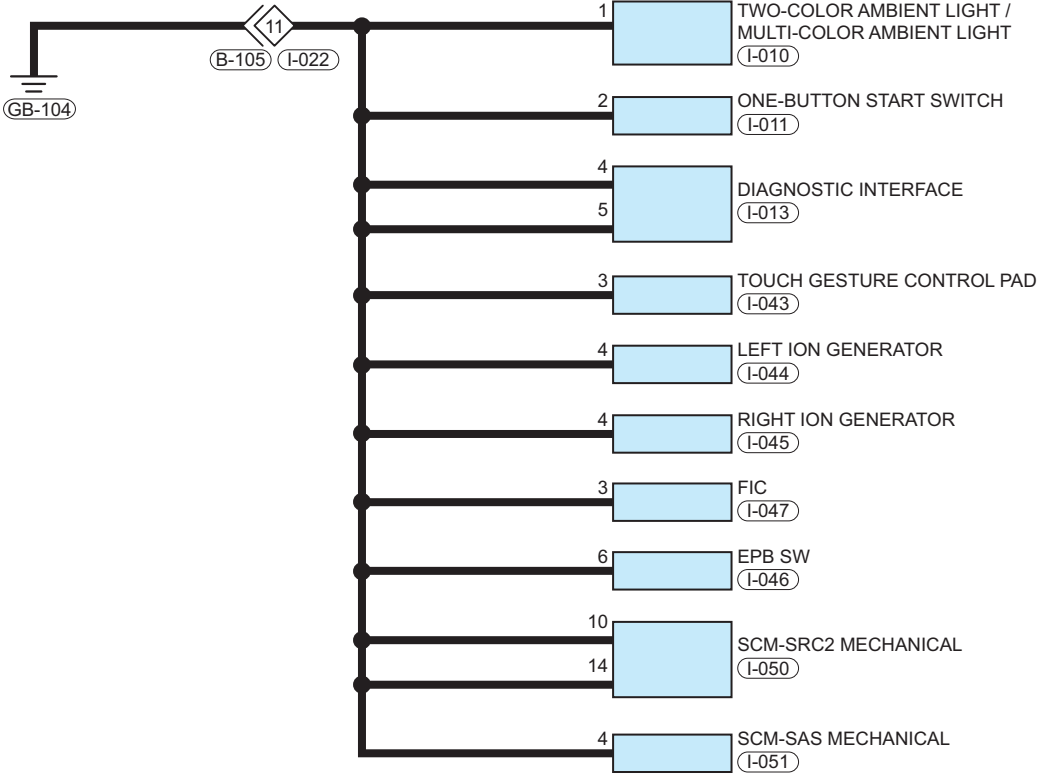
GROUND POSITION	PHYSICAL GRAPHICS
Central Channel	
	

08

GDE005001


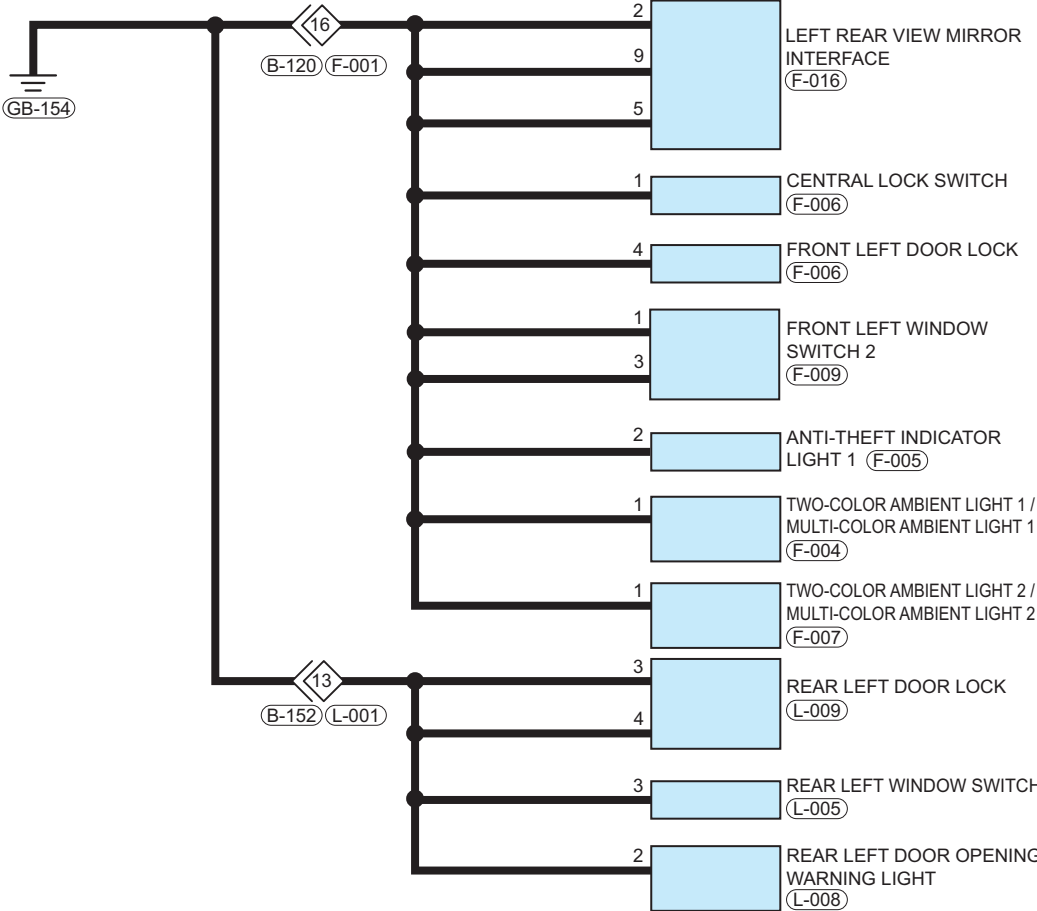
GROUND POSITION	PHYSICAL GRAPHICS
<p>Central Channel</p>	
 <p>The diagram illustrates the electrical ground system for the Central Channel. It begins at a ground point labeled GB-104. The circuit then passes through junction 11 (containing components B-105 and I-022) and junction 1 (containing I-015 and K-003). From junction 1, the circuit branches to several components:</p> <ul style="list-style-type: none"> A17 and A18: AUTOMATIC A/C MODULE (K-001) 7: FRONT A/C CONTROL PANEL (I-037) 1: HEADUP DISPLAY (I-008) 6: STEERING COLUMN MODULE (I-006) 4: CWC (I-040) 6: CENTER CONSOLE SWITCH ASSEMBLY (I-038) 4: ELECTRONIC GEAR SHIFT MODULE (EPB SWITCH) (I-039) 1: SPIRAL CABLE (I-007) 2: HEADLIGHT ADJUSTMENT SWITCH (I-005) 2 and 5: HAZARD LIGHT SWITCH (I-014) 2: GLOVE BOX LIGHT (I-016) 1: INSTRUMENT PANEL TWO-COLOR AMBIENT LIGHT (LEFT) / INSTRUMENT PANEL MULTI-COLOR AMBIENT LIGHT (LEFT) (I-041) 1: INSTRUMENT PANEL TWO-COLOR AMBIENT LIGHT (RIGHT) / INSTRUMENT PANEL MULTI-COLOR AMBIENT LIGHT (RIGHT) (I-042) 	

GDE007001


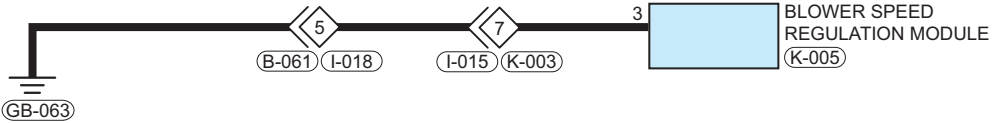

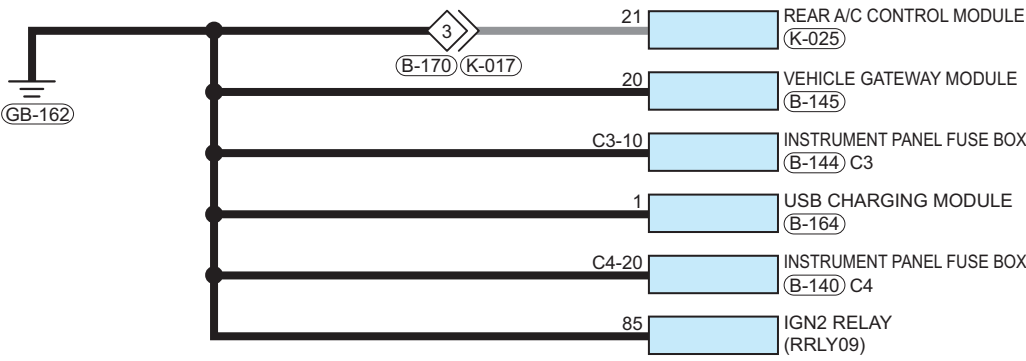
GROUND POSITION	PHYSICAL GRAPHICS
<p>Central Channel</p>	
 <p>The diagram shows a ground point (GB-104) connected to a central rail (11). This rail branches to the following components:</p> <ul style="list-style-type: none"> 1 TWO-COLOR AMBIENT LIGHT / MULTI-COLOR AMBIENT LIGHT (I-010) 2 ONE-BUTTON START SWITCH (I-011) 4, 5 DIAGNOSTIC INTERFACE (I-013) 3 TOUCH GESTURE CONTROL PAD (I-043) 4 LEFT ION GENERATOR (I-044) 4 RIGHT ION GENERATOR (I-045) 3 FIC (I-047) 6 EPB SW (I-046) 10, 14 SCM-SRC2 MECHANICAL (I-050) 4 SCM-SAS MECHANICAL (I-051) 	

08

GDE007002


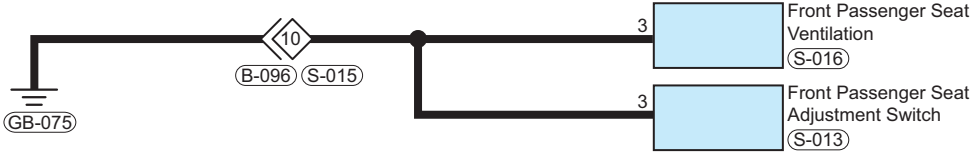
GROUND POSITION	PHYSICAL GRAPHICS
<p>Front of Left B-pillar Rocker</p>	
	

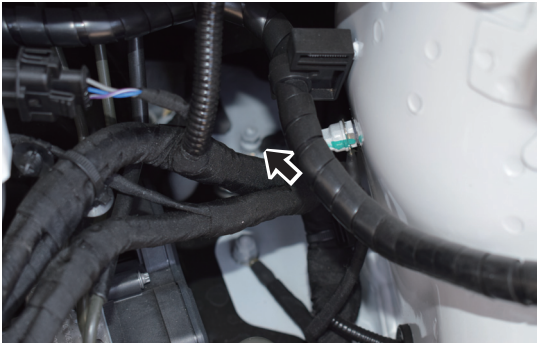

GDE008001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Front of Right B-pillar Rocker</p>	
	
GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear Left Wheel House Inner Plate</p>	
	


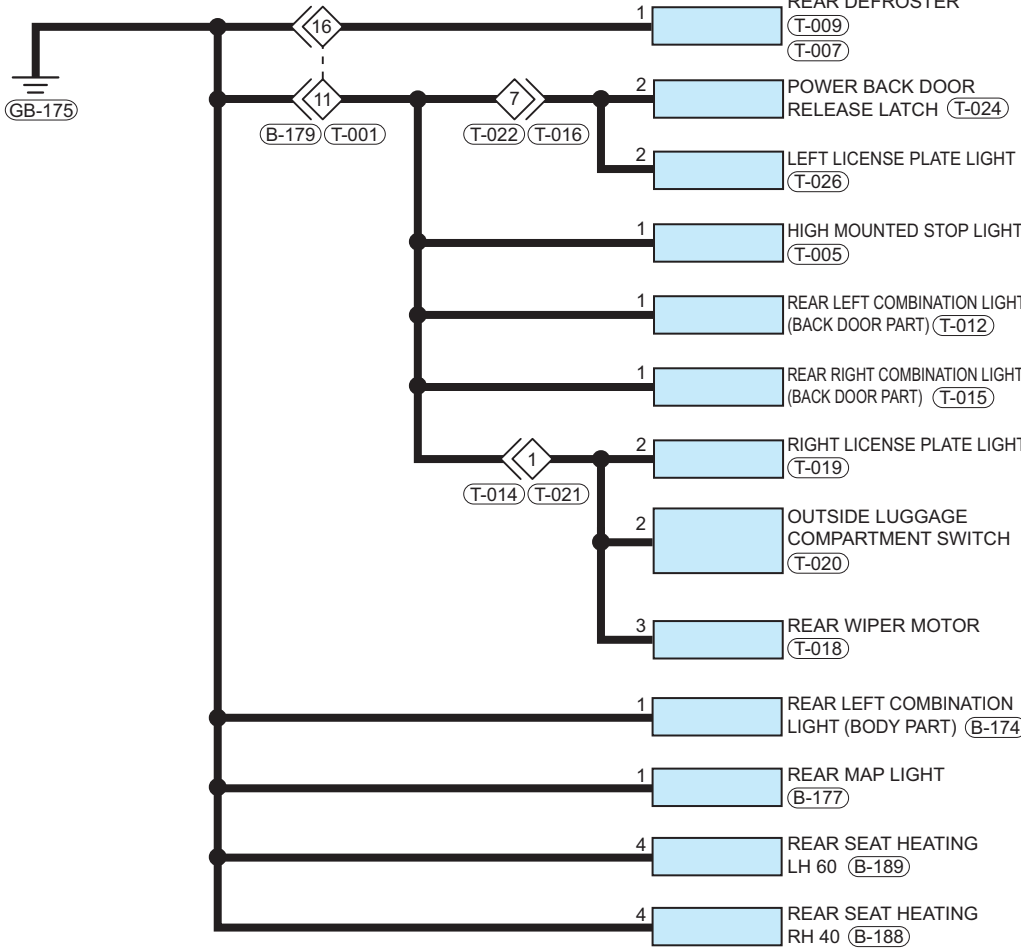
08

GDE009001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear of Right B-pillar Rocker</p>	
	

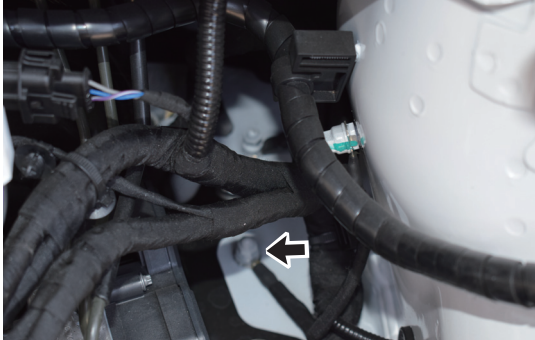
GROUND POSITION	PHYSICAL GRAPHICS
	
	

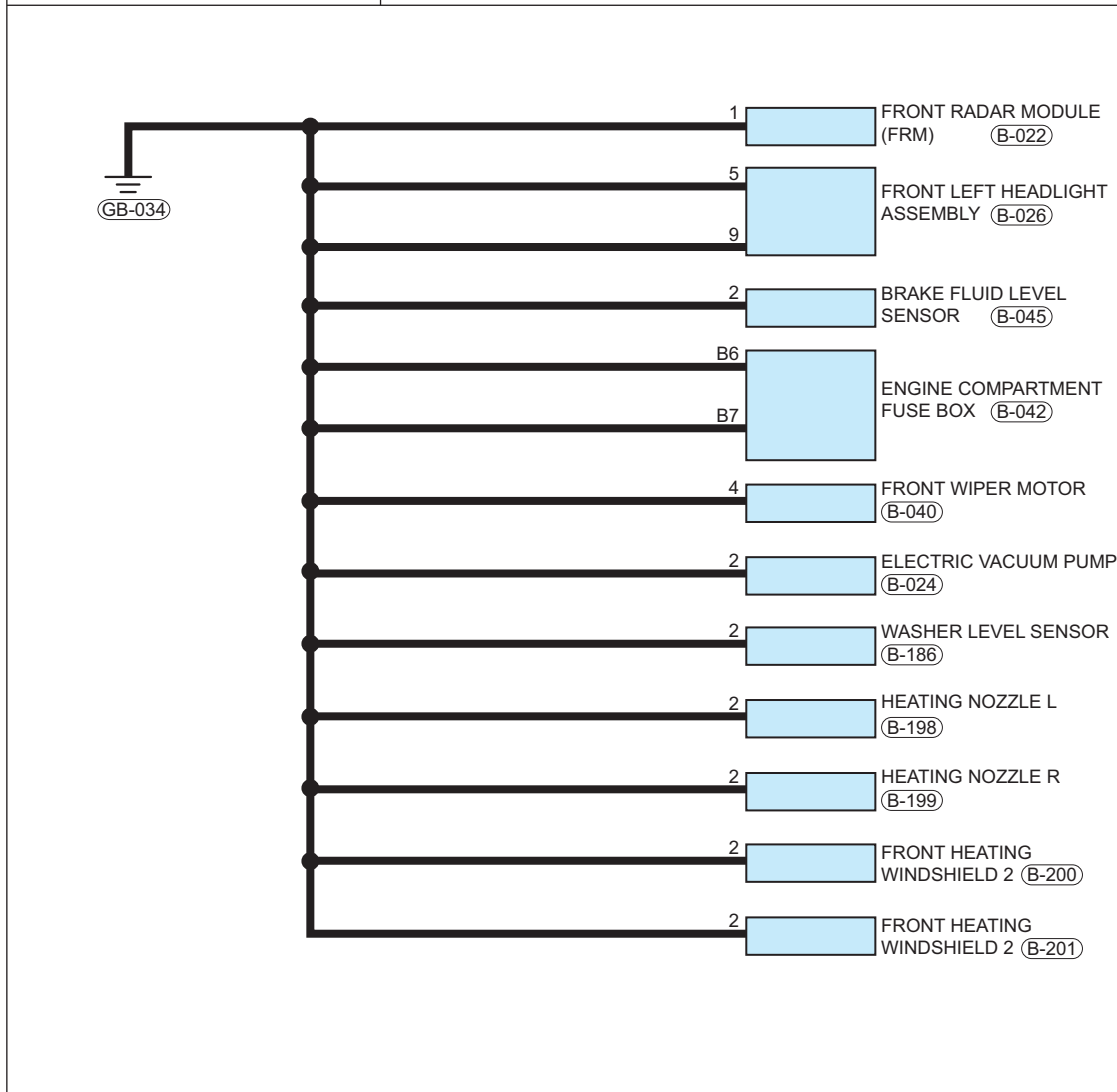
GDE010001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Left D-pillar Lower Connecting Plate I</p>	
 <p>The diagram shows a ground point labeled GB-175 connected to a main circuit. This circuit branches into several paths:</p> <ul style="list-style-type: none"> Path 1: Through terminal 16 to the REAR DEFROSTER (T-009, T-007). Path 2: Through terminal 11 (B-179, T-001) to terminal 7 (T-022, T-016), which then branches to: <ul style="list-style-type: none"> 2 POWER BACK DOOR RELEASE LATCH (T-024) 2 LEFT LICENSE PLATE LIGHT (T-026) 1 HIGH MOUNTED STOP LIGHT (T-005) 1 REAR LEFT COMBINATION LIGHT (BACK DOOR PART) (T-012) 1 REAR RIGHT COMBINATION LIGHT (BACK DOOR PART) (T-015) Path 3: Through terminal 1 (T-014, T-021) to: <ul style="list-style-type: none"> 2 RIGHT LICENSE PLATE LIGHT (T-019) 2 OUTSIDE LUGGAGE COMPARTMENT SWITCH (T-020) 3 REAR WIPER MOTOR (T-018) Path 4: Directly to 1 REAR LEFT COMBINATION LIGHT (BODY PART) (B-174) Path 5: Directly to 1 REAR MAP LIGHT (B-177) Path 6: Directly to 4 REAR SEAT HEATING LH 60 (B-189) Path 7: Directly to 4 REAR SEAT HEATING RH 40 (B-188) 	




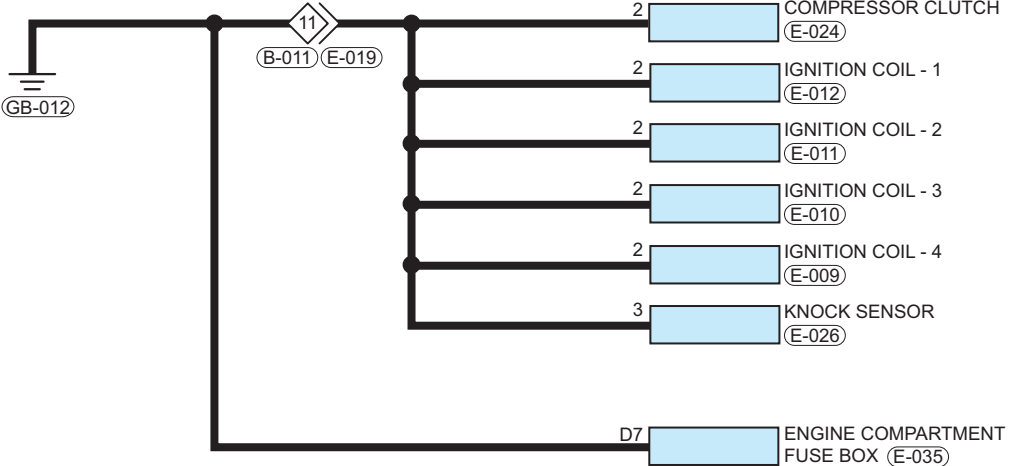
08

GDE011001

GROUND POSITION	PHYSICAL GRAPHICS
Front Left Side Rail	

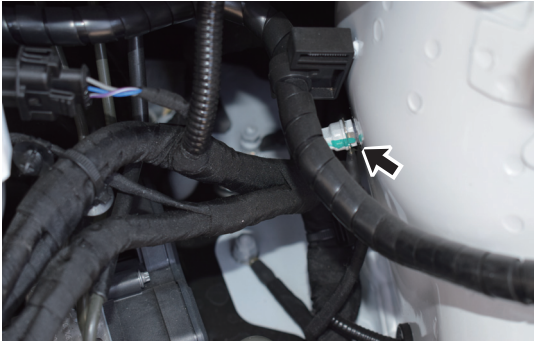


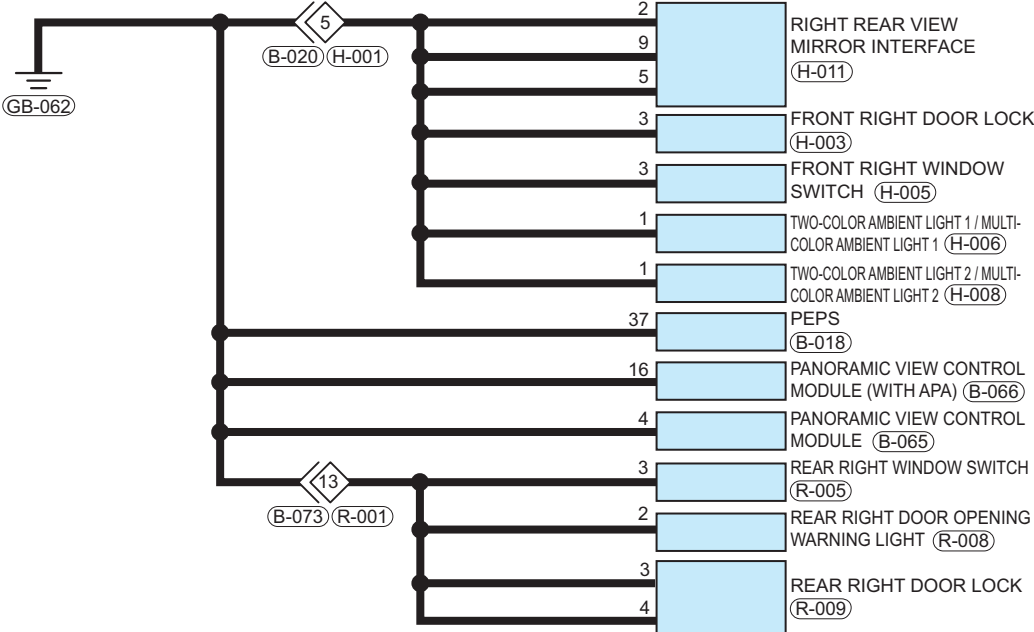


GDE012001


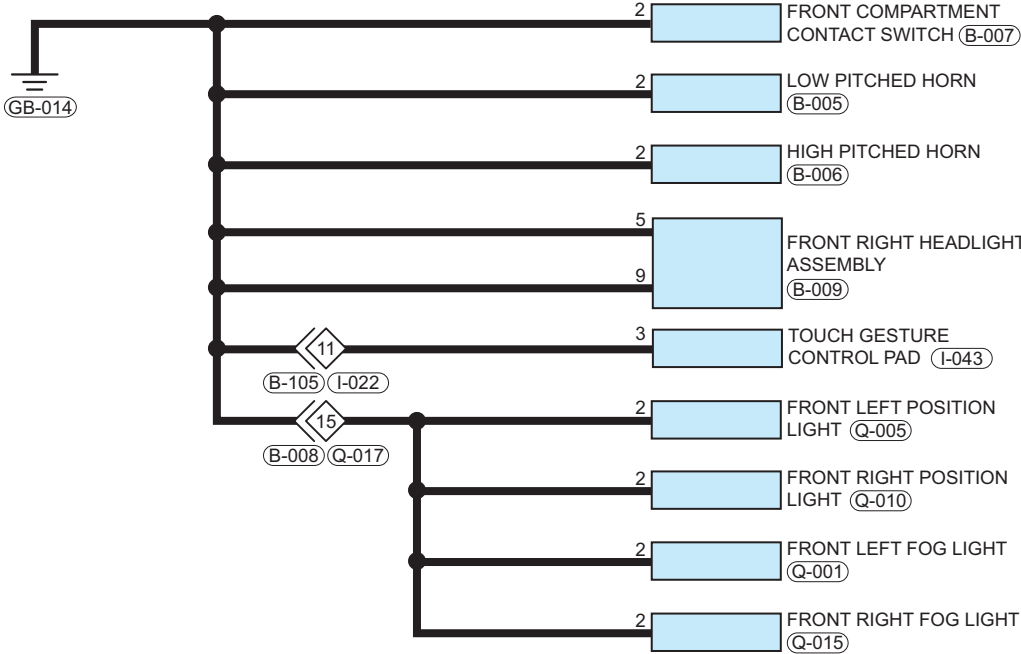
GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear Left Wheel House Inner Plate</p>	
	
GROUND POSITION	PHYSICAL GRAPHICS
<p>Front Right Side Rail Cover Plate</p>	
	

08

GDE013001


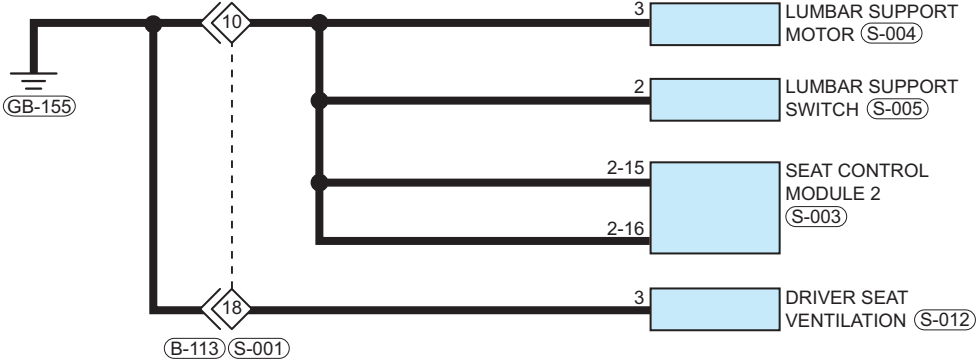
GROUND POSITION	PHYSICAL GRAPHICS
	
	<p>ESP MODULE (B-047)</p>
GROUND POSITION	PHYSICAL GRAPHICS
<p>Front of Right B-pillar Rocker</p>	
	<p>RIGHT REAR VIEW MIRROR INTERFACE (H-011)</p> <p>FRONT RIGHT DOOR LOCK (H-003)</p> <p>FRONT RIGHT WINDOW SWITCH (H-005)</p> <p>TWO-COLOR AMBIENT LIGHT 1 / MULTI-COLOR AMBIENT LIGHT 1 (H-006)</p> <p>TWO-COLOR AMBIENT LIGHT 2 / MULTI-COLOR AMBIENT LIGHT 2 (H-008)</p> <p>PEPS (B-018)</p> <p>PANORAMIC VIEW CONTROL MODULE (WITH APA) (B-066)</p> <p>PANORAMIC VIEW CONTROL MODULE (B-065)</p> <p>REAR RIGHT WINDOW SWITCH (R-005)</p> <p>REAR RIGHT DOOR OPENING WARNING LIGHT (R-008)</p> <p>REAR RIGHT DOOR LOCK (R-009)</p>



GDE014001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Front right side rail cover plate and right outside rail are closed to EMS module</p>	
	

08

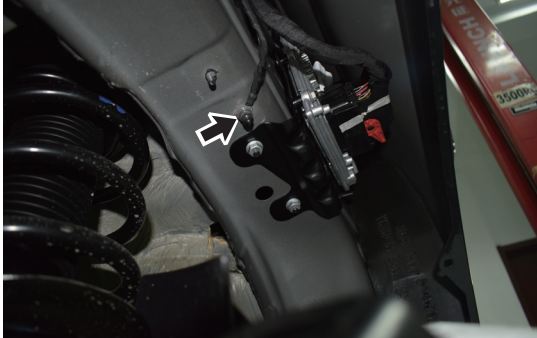

GDE015001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear of Left B-pillar Rocker</p>	
	



GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear Right Wheel House Inner Plate</p>	
	

08

GDE016001

GROUND POSITION	PHYSICAL GRAPHICS
<p>Outside of Front Left Wheel House Reinforcing Plate</p>	
	

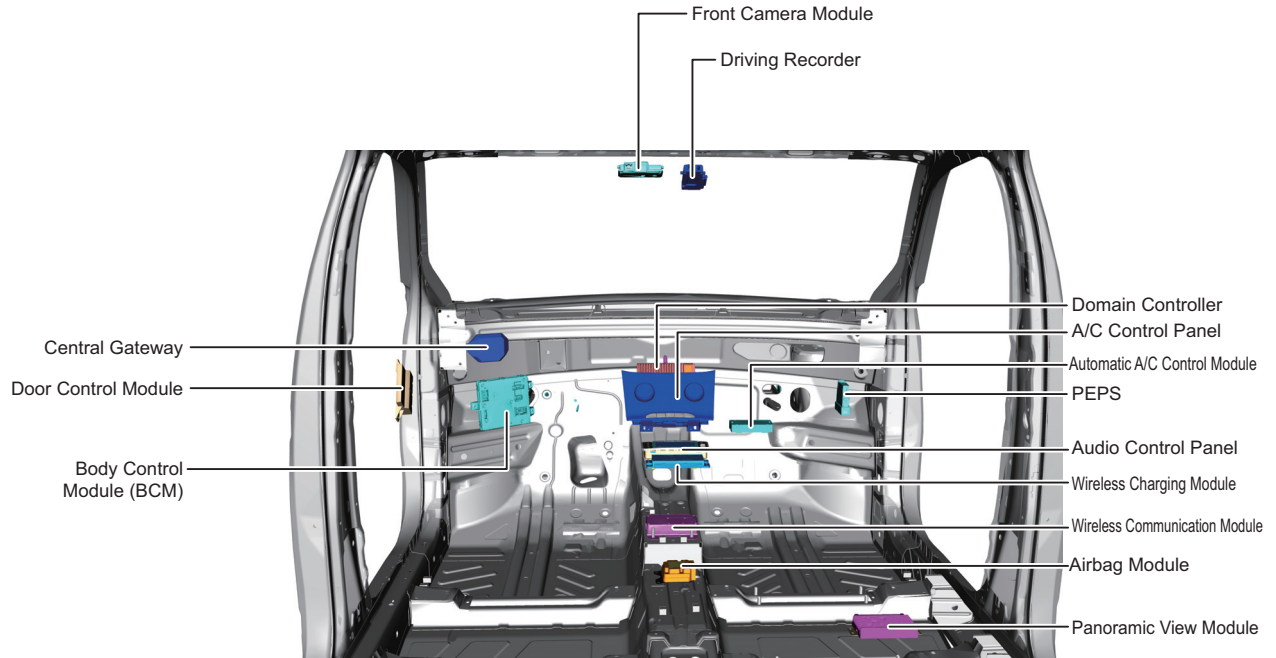
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GROUND POSITION	PHYSICAL GRAPHICS
<p>Rear of Left B-pillar Rocker</p>	
	

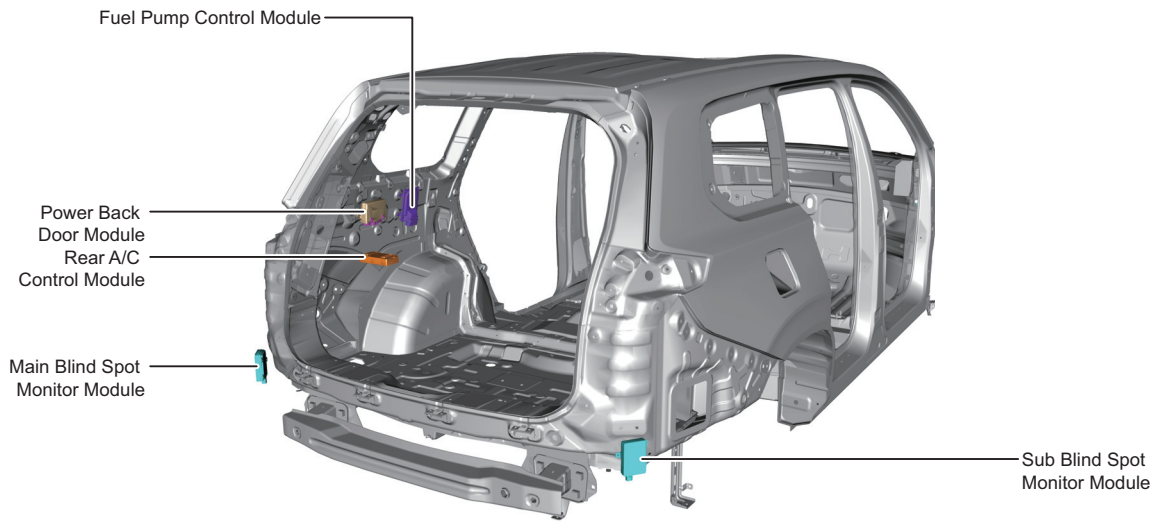
GDE017001

Control Module Distribution Diagram and Terminal Definition

This section introduces the information of each control module location of vehicle and terminal definition. The whole vehicle includes the following modules:

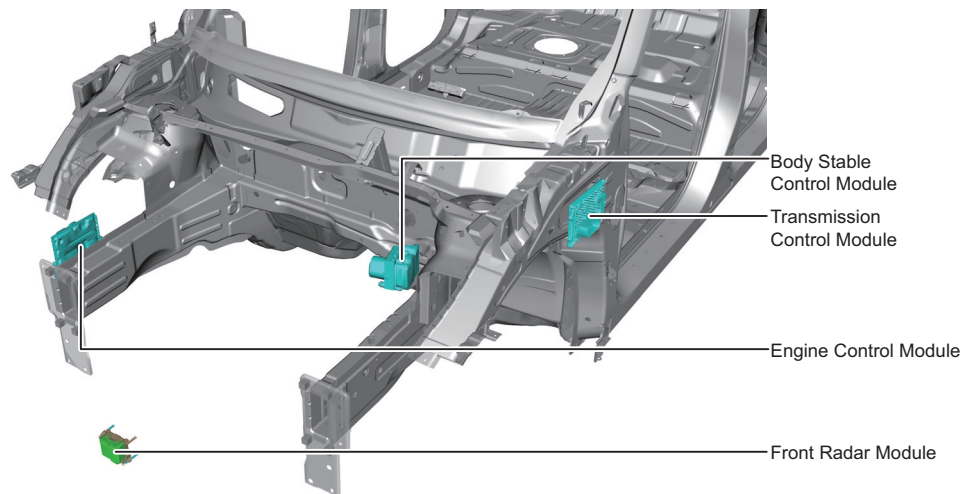


EWD130001

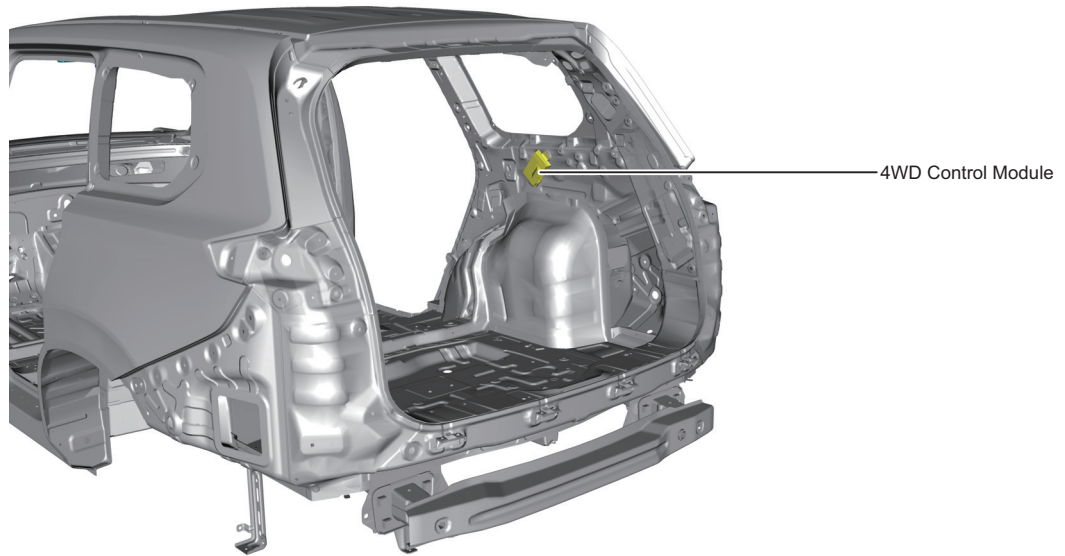


EWD140001

09

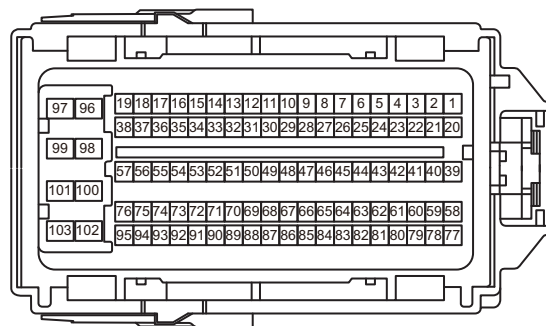
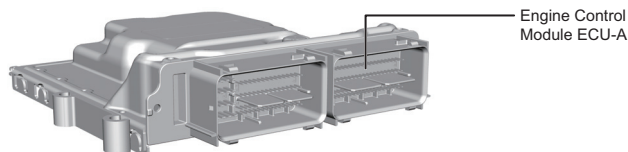


EWD150001



EWD160001

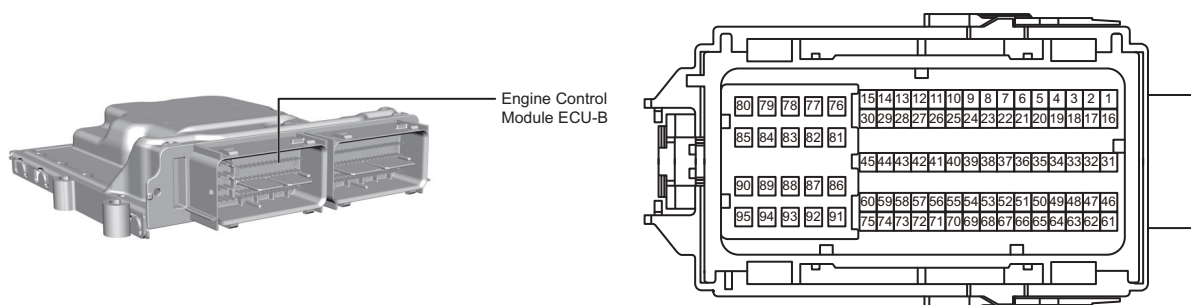
Engine Control Module (ECU-A) Terminal Definition



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 Cutoff Solenoid Valve
A7	Crankshaft 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	Analog Sensor Ground 6	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	Accelerator Pedal Sensor 1 Ground	A65	Refresh and Body CAN High
A14	Analog Sensor Power Supply 1	A66	Upstream Oxygen IA
A15	Accelerator Pedal Position Sensor 1 Power Supply	A67	Upstream Oxygen VN
A16	Accelerator Pedal Position Sensor 2 Power Supply	A68	–
A17	–	A69	–
A18	Sensor Power Supply (5V)	A70	–
A19	–	A71	–
A20	–	A72	–
A21	Electronic Vacuum Pump	A73	–
A22	–	A74	–
A23	–	A75	–
A24	A/C Compressor Relay	A76	–

Pin	Definition	Pin	Definition
A25	Pressure Discharge Control Valve	A77	–
A26	Fuel Control Enable Signal	A78	–
A27	Brake Vacuum Sensor	A79	–
A28	Oxygen Sensor Ground	A80	–
A29	Accelerator Pedal Sensor 2 Ground	A81	–
A30	–	A82	–
A31	Accelerator Pedal Position Sensor 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	Variable Valve Timing Valve (Exhaust)	A92	–
A41	Variable Valve Timing Valve (Intake)	A93	–
A42	Canister Control Valve	A94	–
A43	–	A95	–
A44	–	A96	ECM Ground 4
A45	–	A97	ECM Ground 3
A46	Ignition Switch	A98	ECM Ground 2
A47	LIN Bus	A99	ECM 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	Accelerator Pedal Position Sensor 2	A103	Main Relay Power Supply 4
A52	GPF Front Temperature Sensor		

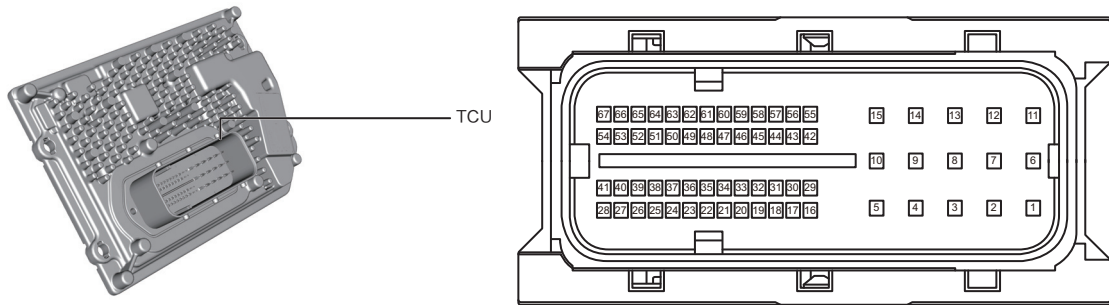
Engine Control Module (ECU-B) Terminal Definition



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 Phaser 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 Injector+
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 Phaser Sensor Signal	B93	–
B46	Knock Sensor (+)	B94	–
B47	Knock Sensor (–)	B95	Fuel Pressure Control Valve +
B48	–		

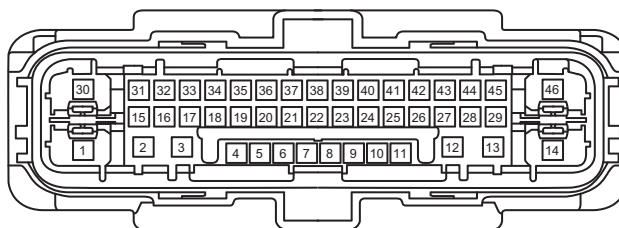
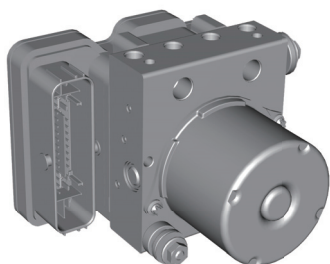
Transmission Control Unit (TCU) Terminal Definition



Pin	Definition	Pin	Definition
1	Electronic Pump U Phase	35	Electronic Parking Lock Electromagnet Control
2	Electronic Pump V Phase	36	Electronic Parking Actuator Solenoid Valve Control
3	Electronic Pump W Phase	37	–
4	Odd Clutch Solenoid Valve Control	38	Clutch Temperature Sensor
5	TCU Ground KL31	39	Transmission Oil Temperature Sensor
6	Solenoid Valve Power Supply 3	40	–
7	TCU Ground KL31	41	Parking Position Sensor
8	1/5th Shift Solenoid Valve Control	42	5V Sensor Power Supply 1
9	3/7th Shift Solenoid Valve Control	43	8V Sensor Power Supply 1
10	Odd Gear Solenoid Valve Control	44	Main Oil Pressure Solenoid Valve Control
11	Solenoid Valve Power Supply 1	45	Clutch Cooling Solenoid Valve Control
12	Solenoid Valve Power Supply 2	46	4/R Shift Solenoid Valve Control
13	TCU Power Supply KL.30 HP	47	2/6th Shift Solenoid Valve Control
14	TCU Power Supply KL.30 HP	48	Even Gear Solenoid Valve Control
15	TCU Power Supply KL.30 LP	49	Simulation Input Ground 1
16	Electronic Pump Motor Position Sensor V Phase	50	–
17	–	51	Even Clutch Pressure Sensor
18	–	52	Odd Clutch Pressure Sensor
19	CAN1a High	53	8 V Sensor Power Supply 2
20	CAN1a Low	54	5 V Sensor Power Supply 2
21	–	55	Sub Memory: Chip Selection

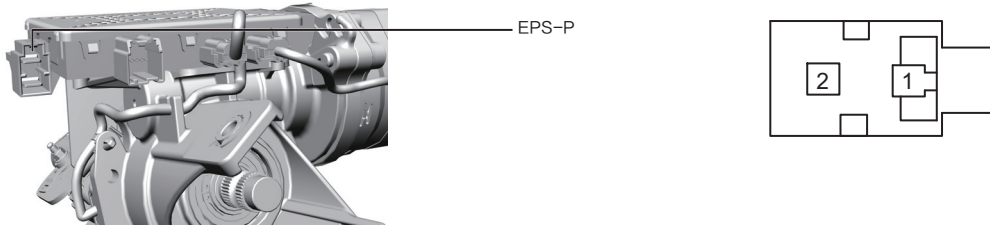
Pin	Definition	Pin	Definition
22	PN Hard Wire	56	Sub Memory: Clock
23	–	57	2nd/6th Gear Fork Position Sensor
24	Simulation Input Ground 2	58	4th/R Gear Fork Position Sensor
25	CAN3 High (CAN Calibration)	59	Output Speed Sensor
26	CAN3 Low (CAN Calibration)	60	Clutch Speed Sensor
27	–	61	Simulation Input Ground 2
28	–	62	Odd Shaft Input Speed Sensor
29	Electronic Pump Motor Position Sensor W Phase	63	Even Shaft Input Speed Sensor
30	Electronic Pump Motor Position Sensor U Phase	64	1st/5th Gear Fork Position Sensor
31	ACC Wake Up	65	3rd/7th Gear Fork Position Sensor
32	Ignition KL15	66	–
33	Even Clutch Solenoid Valve Control	67	Sub Memory: R/W
34	Digital Input Ground 1		

Body Stability Control Module (ESP) Terminal Definition



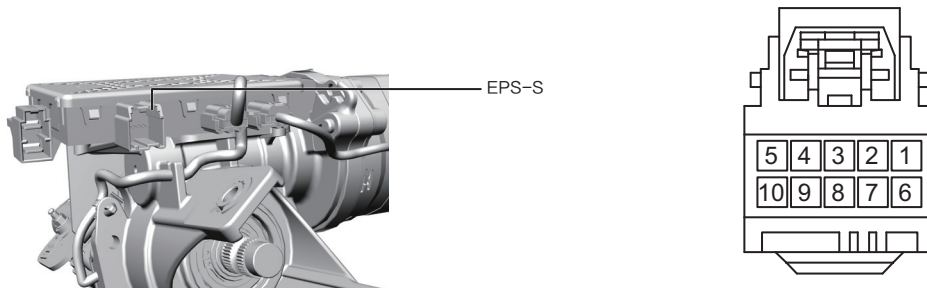
Pin	Definition	Pin	Definition
1	Motor Power Supply End (Positive)	24	Front Left Wheel Speed Sensor Power Supply
2	Right Caliper Motor Power Supply Wire	25	CAN2 L
3	Right Caliper Motor Ground Wire	26	Front Right Wheel Speed Sensor Signal Wire
4	–	27	–
5	CAN H	28	–
6	–	29	–
7	Front Left Wheel Speed Sensor Signal Wire	30	Power Supply
8	AUTO HOLD Switch Indicator	31	EPB Switch Pin 1
9	–	32	EPB Switch Pin 4
10	HDC Switch Indicator	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	HDC Function Switch	40	–
18	EPB Switch Indicator	41	AUTO HOLD Switch
19	CAN L	42	–
20	–	43	ESP_OFF Switch
21	Front Right Wheel Speed Sensor Power Supply	44	–
22	Rear Right Wheel Speed Sensor Power Supply	45	–
23	Rear Left Wheel Speed Sensor Signal Wire	46	ECU Ground

Electric Power Steering Module (EPS)-P Terminal Definition



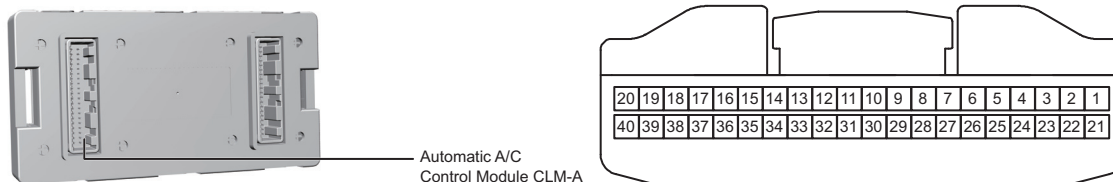
Pin	Definition	Pin	Definition
P-1	Power supply	P-2	Ground

Electric Power Steering Module (EPS)-S Terminal Definition



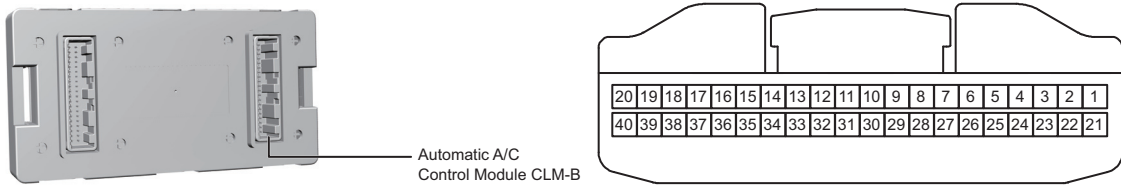
Pin	Definition	Pin	Definition
S-1	Ignition Signal	S-6	-
S-2	-	S-7	-
S-3	CAN-H	S-8	-
S-4	CAN-L	S-9	-
S-5	-	S-10	-

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



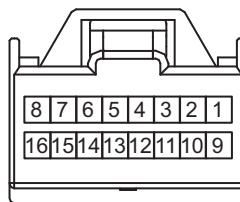
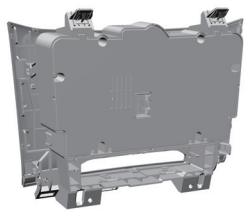
Pin	Definition	Pin	Definition
1	CAN_L	21	CAN_H
2	Circulation Damper Motor Drive +	22	-
3	Mode Damper Motor Drive -	23	-
4	Right Temperature Damper Motor Drive +	24	Evaporator Temperature Sensor
5	Mode Damper Motor Drive +	25	Ambient Temperature Sensor
6	Left Temperature Damper Motor Drive -	26	-
7	Left 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



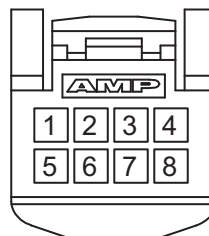
Pin	Definition	Pin	Definition
1	PM2.5 Sensor Switch (Enable)	21	–
2	AQS Sensor Signal	22	–
3	–	23	Right Anion Generator Diagnostic Signal
4	–	24	Left Face Temperature Sensor Signal
5	–	25	Right Face Temperature Sensor Signal
6	–	26	Left Foot Temperature Sensor Signal
7	–	27	Right Foot Temperature Sensor 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	–

Front A/C Control Panel Terminal Definition



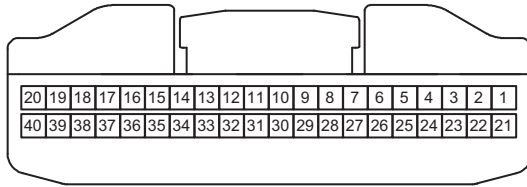
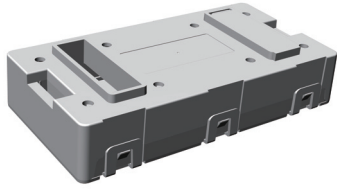
Pin	Definition	Pin	Definition
1	-	9	-
2	-	10	-
3	-	11	-
4	CAN-H	12	-
5	CAN-L	13	-
6	-	14	-
7	GND	15	-
8	-	16	KL30

Rear A/C Control Panel Terminal Definition



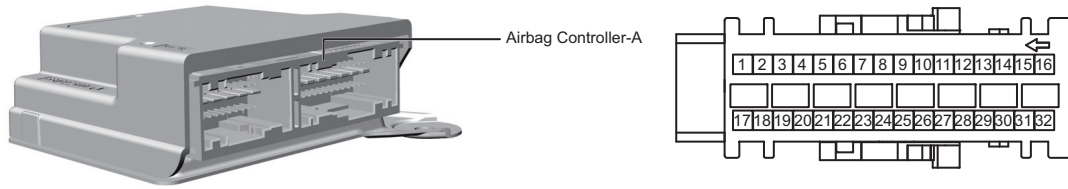
Pin	Definition	Pin	Definition
1	-	5	GND
2	KL30	6	-
3	-	7	CAN-L
4	-	8	CAN-H

Rear A/C Control Module Terminal Definition



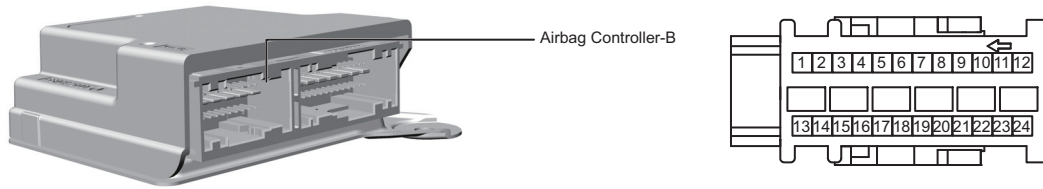
Pin	Definition	Pin	Definition
1	–	21	Ground
2	–	22	Sensor Ground
3	–	23	–
4	Temperature Damper Motor Drive 1	24	–
5	Temperature Damper Motor Drive 2	25	–
6	Temperature Damper Motor Drive 3	26	–
7	Temperature Damper Motor Drive 4	27	Evaporator Temperature Sensor
8	–	28	Face Temperature Sensor Signal
9	–	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 Low Side Control

Airbag Control Module A Terminal Definition



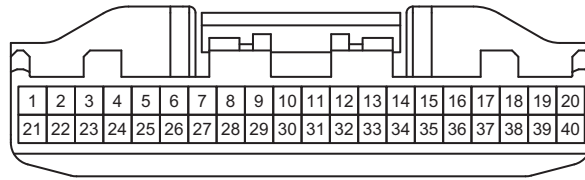
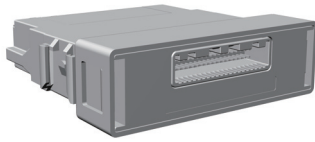
Pin	Definition	Pin	Definition
A1	Front Right Seat Side Airbag (+)	A17	–
A2	Front Right Seat Side Airbag (–)	A18	–
A3	Driver Airbag (–)	A19	–
A4	Driver Airbag (+)	A20	–
A5	Front Passenger Airbag (+)	A21	–
A6	Front Passenger Airbag (–)	A22	Second Row Right Seat Belt Buckle Switch
A7	Front Left Seat Side Airbag (–)	A23	Second Row Middle Seat Belt Buckle Switch
A8	Front Left Seat Side Airbag (+)	A24	Second Row Left Seat Belt Buckle Switch
A9	Left Curtain Shield Airbag Assembly (+)	A25	Front Passenger Weight Detection Sensor
A10	Left Curtain Shield Airbag Assembly (–)	A26	Front Passenger Seat Belt Buckle Switch
A11	Right Curtain Shield Airbag (–)	A27	–
A12	Right Curtain Shield Airbag (+)	A28	–
A13	Right Side Collision Sensor (+)	A29	Front Left Collision Sensor (+)
A14	Right Side Collision Sensor (–)	A30	Front Left Collision Sensor (–)
A15	Left Side Collision Sensor (–)	A31	Front Right Collision Sensor (–)
A16	Left Side Collision Sensor (+)	A32	Front Right Collision Sensor (+)

Airbag Control Module B Terminal Definition



Pin	Definition	Pin	Definition
B1	IGN power supply	B13	Front Right Seat Belt with Pretensioner (Retractor) (+)
B2	GND	B14	Front Right Seat Belt with Pretensioner (Retractor) (-)
B3	GND (DCS GND)	B15	Front Left Seat Belt with Pretensioner (End Plate) (-)
B4	Collision Output (ENS)	B16	Front Left Seat Belt with Pretensioner (End Plate) (+)
B5	-	B17	Front Right Seat Belt with Pretensioner (End Plate) (+)
B6	Driver Seat Belt Buckle Switch	B18	Front Right Seat Belt with Pretensioner (End Plate) (-)
B7	Front Right Door Pressure Sensor (-)	B19	Front Left Seat Belt with Pretensioner (Retractor) (-)
B8	Front Right Door Pressure Sensor (+)	B20	Front Left Seat Belt with Pretensioner (Retractor) (+)
B9	Front Left Door Pressure Sensor (+)	B21	Second Row Right Seat Belt Pretension (+)
B10	Front Left Door Pressure Sensor (-)	B22	Second Row Right Seat Belt Pretension (-)
B11	CAN_L	B23	Second Row Left Seat Belt with Pretensioner (-)
B12	CAN_H	B24	Second Row Left Seat Belt with Pretensioner (+)

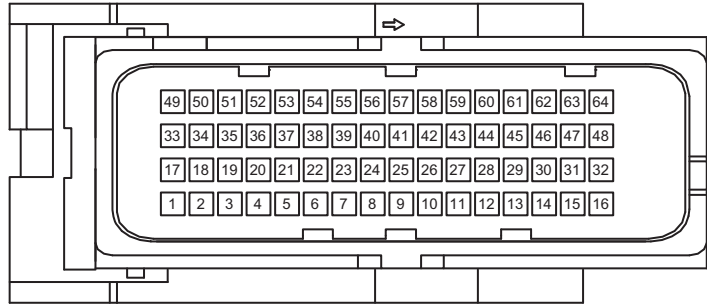
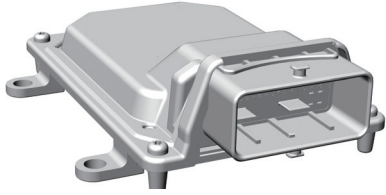
Passive Entry and Passive Start (PEPS) Terminal Definition



Pin	Definition	Pin	Definition
J1-01	LIN Bus, Reserved	J1-21	LIN Bus, Reserved
J1-02	ACC Relay Feedback, High Effective Input	J1-22	-
J1-03	CAN Bus (CAN H)	J1-23	ENGINE START STOP Switch Orange Indicator Output, High Effective
J1-04	CAN Bus (CAN L)	J1-24	ENGINE START STOP Switch Green Indicator Output, High Effective
J1-05	-	J1-25	ENGINE START STOP Switch Backlight Power Supply Output, High Effective
J1-06	Luggage Compartment Start Button Input	J1-26	Brakes Pedal Input (At), High Effective
J1-07	ENGINE START STOP Switch 2 Button Input, Low Effective Input	J1-27	Wireless Charging Disable Signal, Highly Effective (Reserved)
J1-08	ENGINE START STOP Switch 1 Button Input, Low Effective Input	J1-28	SSB GND, Reserved
J1-09	-	J1-29	-
J1-10	Driver Side Door Handle Antenna +	J1-30	Driver Side Door Handle Antenna -
J1-11	Interior Front Antenna -/Immo Antenna - (Reusing Antenna)	J1-31	Interior Front Antenna +/IMMO Antenna + (Reusing Antenna)
J1-12	Front Passenger Side Door Handle Antenna +	J1-32	Front Passenger Side Door Handle Antenna -
J1-13	Interior Rear Antenna +	J1-33	Interior Rear Antenna -
J1-14	Rear Bumper Antenna +	J1-34	Rear Bumper Antenna -
J1-15	Driver Side Door Handle Button or Capacitive Type Door Handle Power Supply Terminal	J1-35	Front Passenger Side Door Handle Button or Capacitive Type Door Handle Ground Terminal

Pin	Definition	Pin	Definition
J1-16	Front Passenger Side Door Handle Button or Capacitive Type Door Handle Power Supply Terminal	J1-36	Driver Side Door Handle Button or Capacitive Type Door Handle Ground Terminal
J1-17	IG1 Relay Feedback, High Effective Input	J1-37	GND
J1-18	IG1 Relay Drive, High Effective Output	J1-38	IG2 Relay Feedback, High Effective Input
J1-19	IG2 Relay Drive, High Effective Output	J1-39	START Relay Drive, High Effective Output
J1-20	Power Supply, 5 A Fuse	J1-40	ACC Relay Drive, High Effective Output

Fuel Pump Controller Terminal Definition

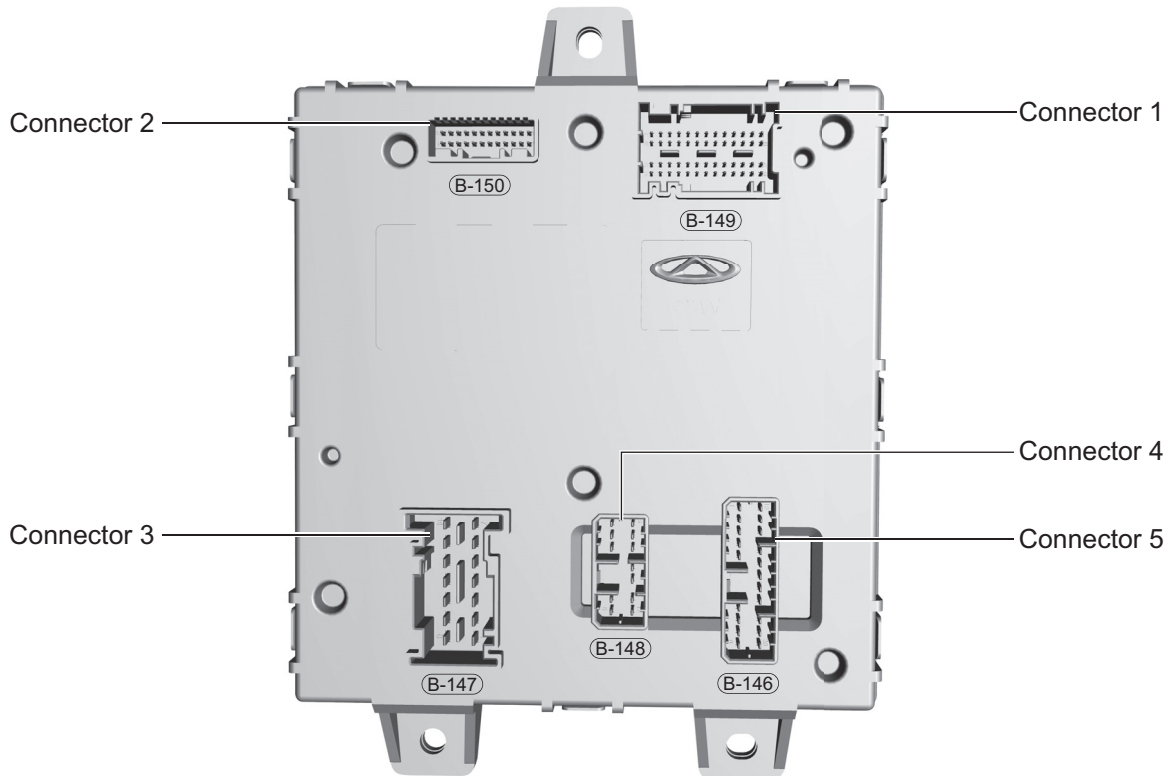


Pin	Definition	Pin	Definition
1	CAN-H	33	-
2	-	34	-
3	-	35	-
4	-	36	-
5	-	37	-
6	-	38	-
7	-	39	-
8	-	40	-
9	-	41	-
10	-	42	-
11	-	43	-
12	-	44	-
13	-	45	-
14	-	46	-
15	Fuel Pump Control Enable	47	KL30
16	-	48	Oil Pump Motor Positive
17	CAN-L	49	-
18	-	50	-
19	-	51	-
20	-	52	-
21	-	53	-
22	-	54	-
23	-	55	-
24	-	56	-
25	-	57	-
26	-	58	-
27	-	59	-
28	-	60	-

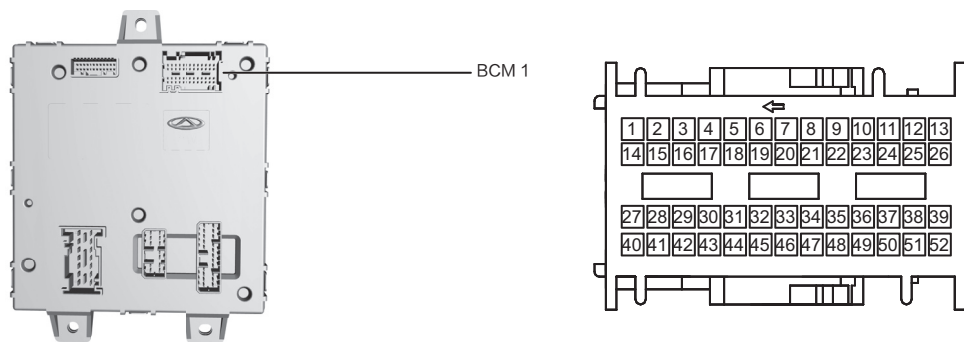
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Pin	Definition	Pin	Definition
29	–	61	–
30	–	62	–
31	KL15	63	Ground
32	–	64	Oil Pump Motor Negative

Body Control Module (BCM)



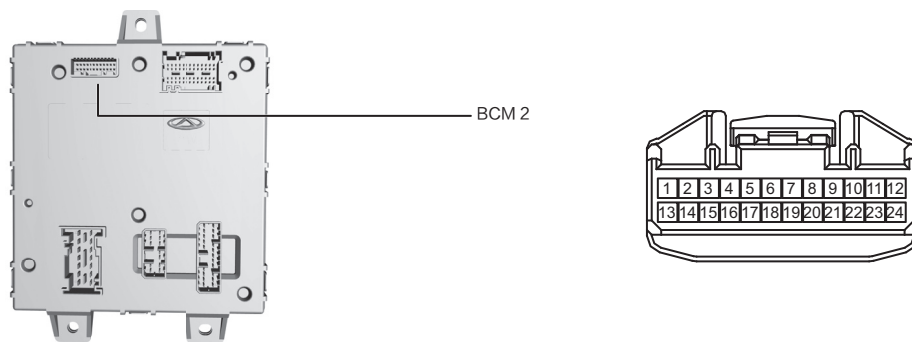
Body Control Module (BCM 1) Pin Definition



Pin	Definition	Pin	Definition
1	–	27	Interior Light Output
2	–	28	Luggage Compartment Unlock Motor
3	–	29	Rear Defroster Output
4	Window Lock Indicator Light	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	Driver Side Front Right Window Regulator Switch
8	–	34	Driver Side Front Left Window Regulator Switch
9	–	35	Back Door Unlock Signal Input
10	Rear Left Door Open Signal	36	Passenger Side Window Regulator Disabled Switch
11	–	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	Anti-theft Indicator
15	–	41	Rear View Mirror Defroster Output
16	LIN Signal (TDL + RSM)	42	Low Speed Wiper Output
17	Front Fog Light Output	43	Low Beam Light Output
18	High Beam Light Output	44	Horn Output
19	Driver Side Rear Right Window Regulator Switch	45	AGND
20	Passenger Side Front Right Window Regulator Switch	46	–
21	Passenger Side Rear Left Window Regulator Switch	47	Driver Side Rear Left Window Regulator Switch

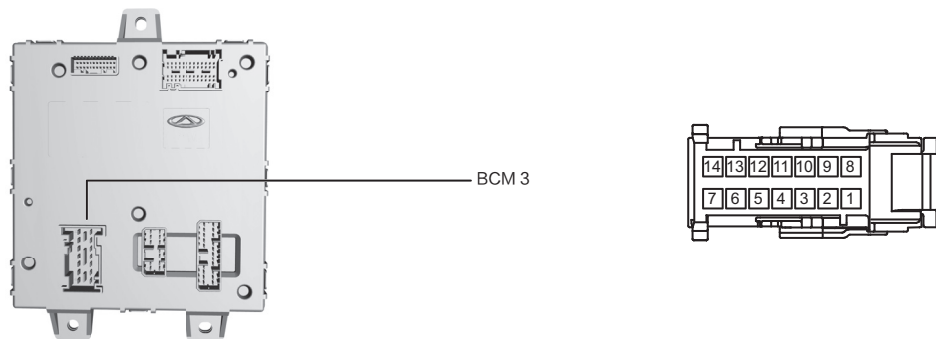
Pin	Definition	Pin	Definition
22	Passenger Side Rear Right Window Regulator Switch	48	Back Door Open Signal
23	Front Left Door Open Signal	49	Central Control Lock Switch Input
24	Front Wiper Stop Signal	50	Central Control Unlock Switch Input
25	Position Light Feedback	51	–
26	Rear Wiper Stop Position Signal	52	Engine Hood Contact Switch

Body Control Module (BCM 2) Terminal Definition



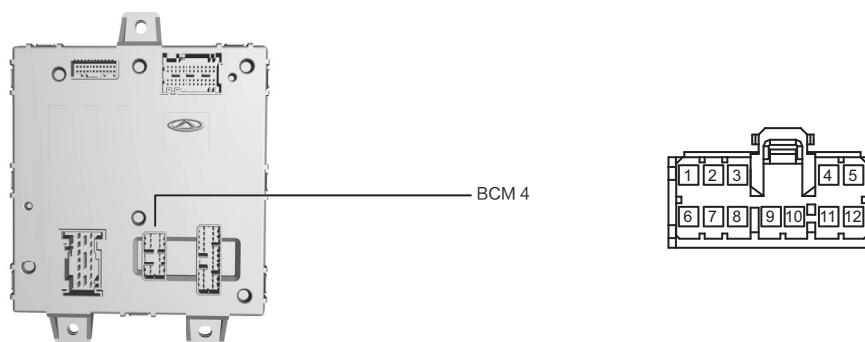
Pin	Definition	Pin	Definition
1	ESS Indicator Output	13	Water Flow Turn Signal Light Mode Signal Output
2	HS-CAN_L	14	Hazard Warning Light Operation Indicator Input
3	–	15	HS-CAN_H
4	–	16	–
5	–	17	IGN-ON Signal Input
6	–	18	–
7	ESS Switch Input	19	–
8	–	20	–
9	LDW Switch Input	21	–
10	Rear View Mirror Folding/ Unfolding Switch Input	22	–
11	Hazard Warning Light Input	23	–
12	–	24	Backlight Brightness Adjustment Switch Input

Body Control Module (BCM 3) Terminal Definition



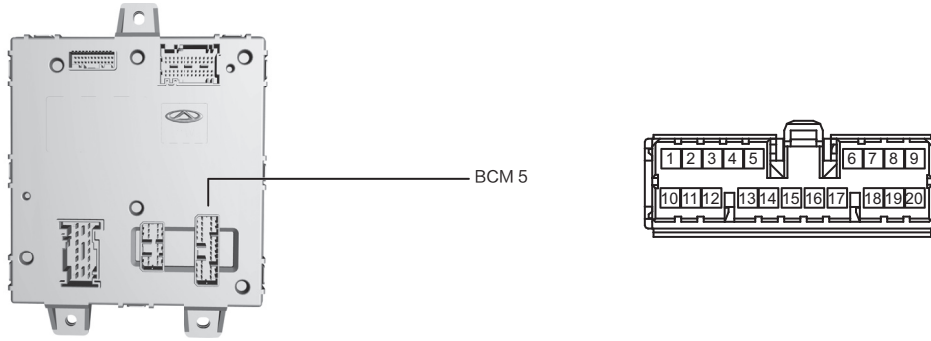
Pin	Definition	Pin	Definition
1	Power Supply 3 (Driver Unlock, Rear Wiper and Front/Rear Washer)	8	Rear Left Window Up Output
2	Power Supply 6 (Door Lock)	9	Rear Left Window Down Output
3	Ground 1	10	Power Supply 1 (Front Right Window and Rear Left Window)
4	Ground 2	11	Front Right Window Up Output
5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



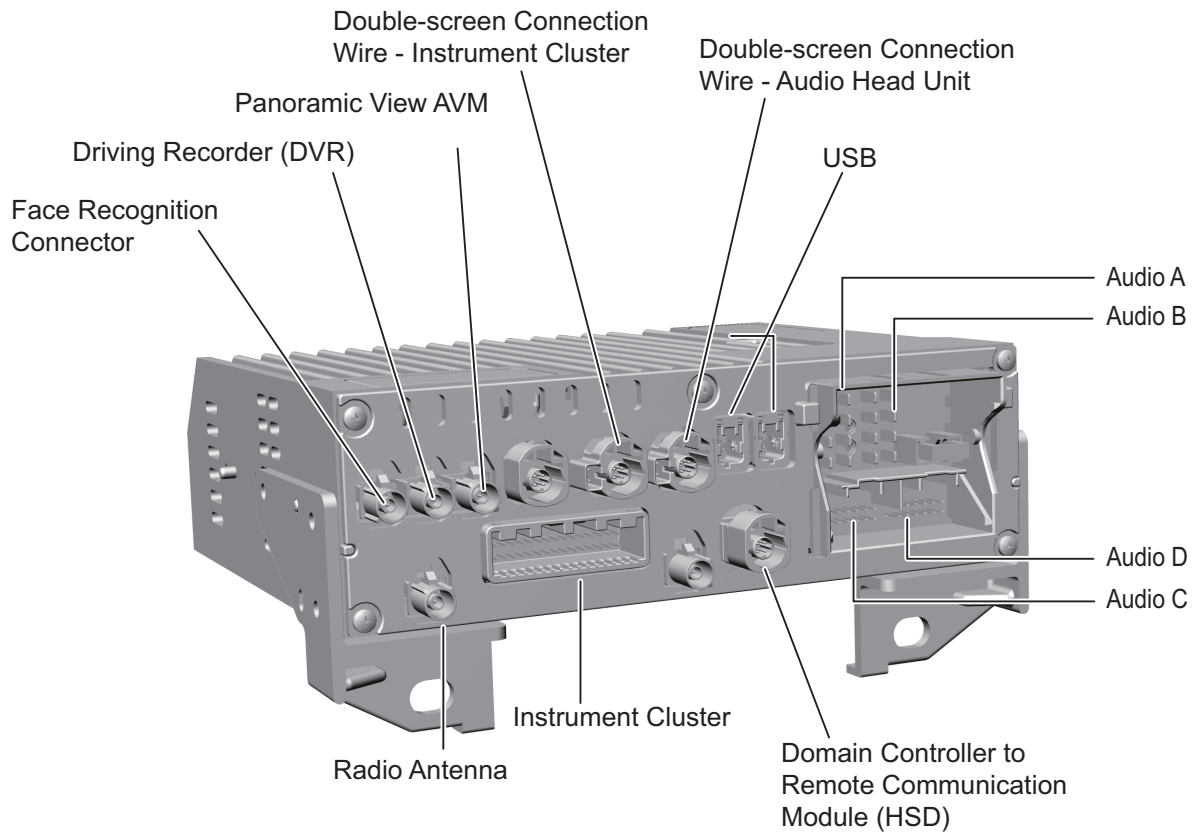
Pin	Definition	Pin	Definition
1	–	7	Backlight Adjustment Output
2	Central Control Unlock Output	8	Back-up Light Output
3	Central Control Lock Output	9	Power Supply 5 (Lighting and Rear View Mirror)
4	Driver Unlock Output	10	Rear Wiper Output
5	Front Washer Output	11	–
6	–	12	Rear Washer Output

Body Control Module (BCM 5) Terminal Definition

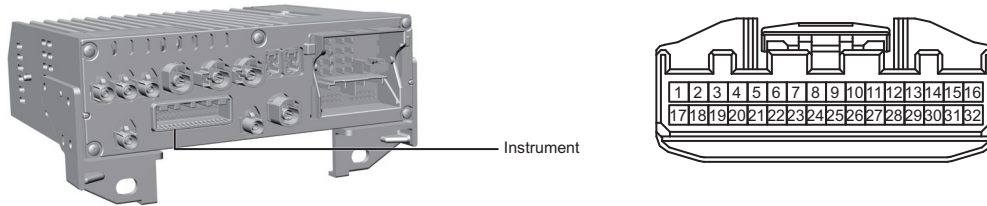


Pin	Pin	Pin	Definition
1	–	11	High Mounted Stop Light Output
2	Rear View Mirror Unfolding Output	12	Red Ambient Light Output
3	Rear View Mirror Folding Output	13	Blue Ambient Light Output
4	Left Turn Signal Light Output	14	Left Daytime Running Light Output
5	Right Turn Signal Light Output	15	Right Daytime Running Light Output
6	–	16	Battery Save Output
7	–	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



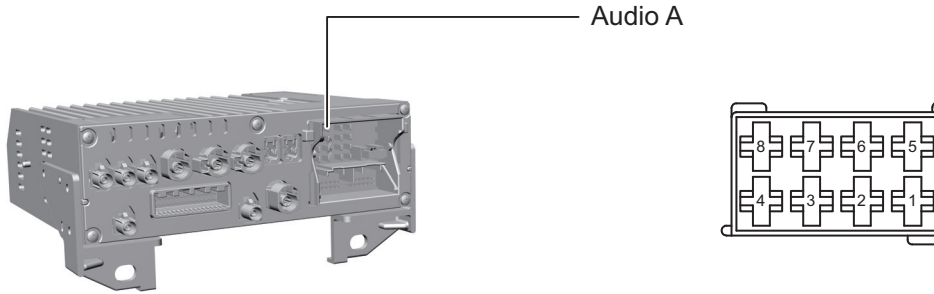
Domain Controller (Instrument Cluster) Terminal Definition



Pin	Definition	Pin	Definition
1	-	17	-
2	-	18	-
3	-	19	-
4	Driving Mode Signal	20	-
5	-	21	-
6	-	22	-
7	-	23	-
8	-	24	-
9	Oil Pressure Signal	25	-
10	-	26	Brake Fluid Level Signal
11	-	27	-
12	-	28	-
13	-	29	CAN-L
14	-	30	CAN-H
15	-	31	
16	-	32	

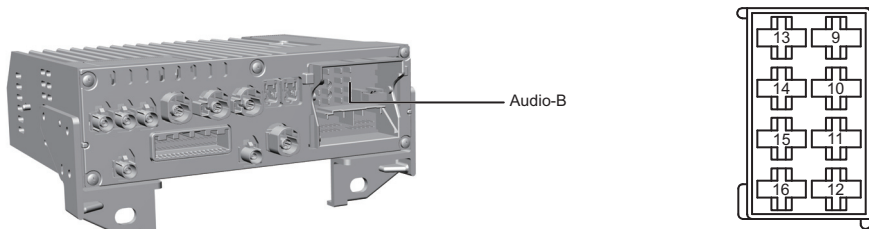
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Domain Controller (Audio Unit A) Terminal Definition



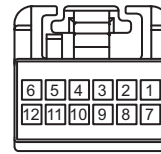
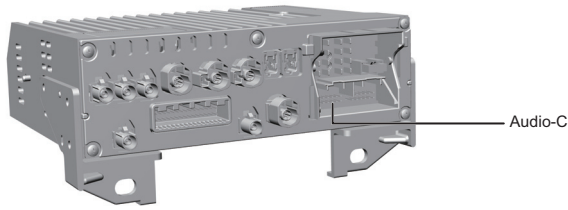
Pin	Definition	Pin	Definition
1	Rear Right Speaker +	5	Rear Right Speaker -
2	Front Right Speaker +	6	Front Right Speaker -
3	Front Left Speaker +	7	Front Left Speaker -
4	Rear Left Speaker +	8	Rear Left Speaker -

Domain Controller ((Audio Unit B) Terminal Definition



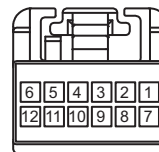
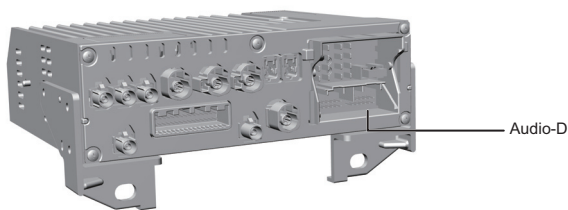
Pin	Definition	Pin	Definition
9	-	13	ACC
10	-	14	-
11	-	15	Power supply
12	Ground	16	-

Domain Controller ((Audio Unit C) Terminal Definition



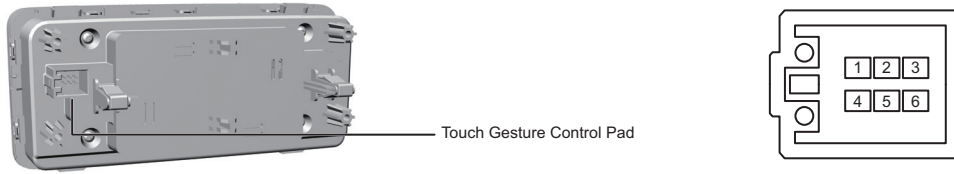
Pin	Definition	Pin	Definition
1	Entertainment Information CAN H	7	Entertainment Information CAN L
2	Ignition Signal	8	Left MIC Ground
3	Left MIC- Signal	9	Left MIC+ Signal
4	Right MIC+ Signal	10	Right MIC- Signal
5	RVC Ground	11	RVC Power Supply
6	RVC CVBS-	12	RVC CVBS+

Domain Controller (Audio Unit D) Terminal Definition



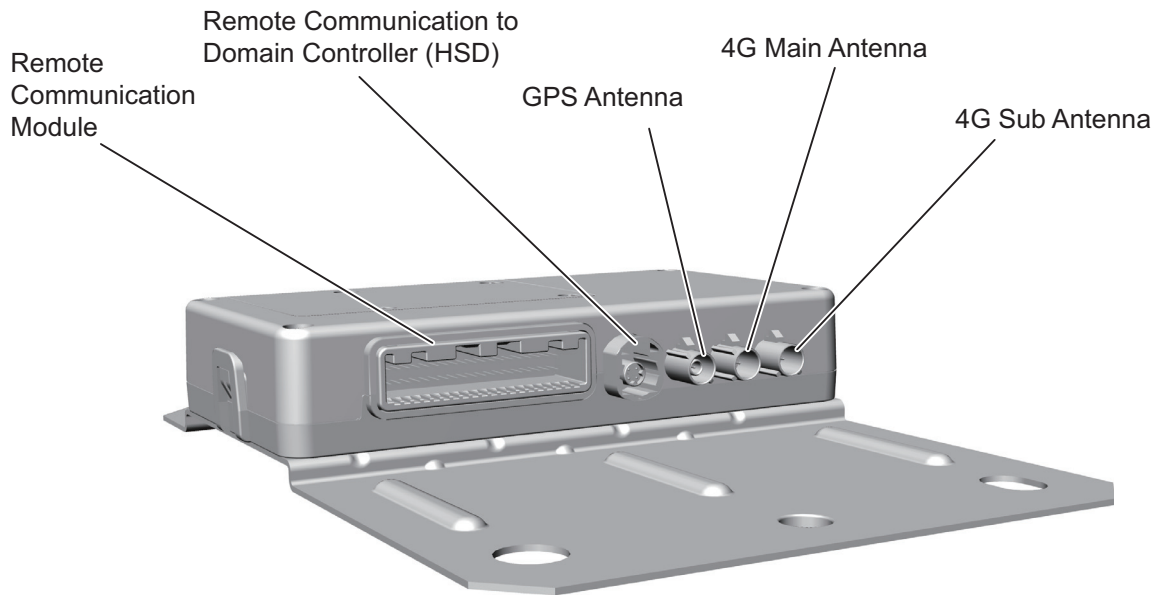
Pin	Definition	Pin	Definition
1	T-BOX Audio Right Channel	7	T-BOX Audio Left Channel
2	T-BOX Audio Common Terminal Ground	8	-
3	T-BOX Mute Line Input	9	-
4	Right MIC Ground	10	-
5	-	11	-
6	-	12	-

Touch Gesture Control Panel Terminal Definition

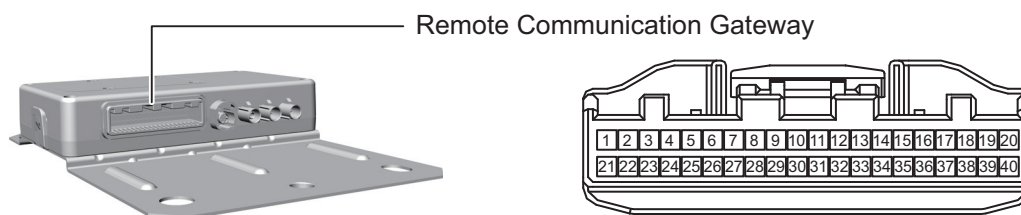


Pin	Definition	Pin	Definition
1	CAN-H	4	CAN-L
2	Power Supply	5	-
3	Ground	6	IGN1

Remote Communication Module

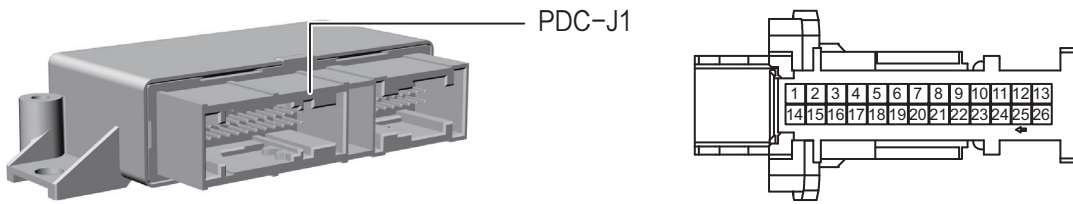


Remote Communication Gateway Module –1 Terminal Definition



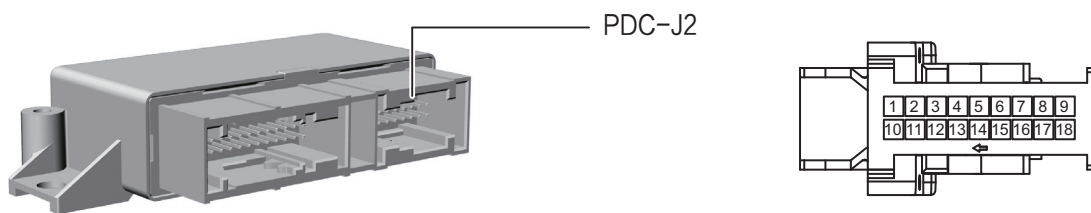
Pin	Definition	Pin	Definition
1	Power Supply	21	–
2	SOS Power Supply	22	–
3	Ground	23	–
4	LED Light Controlling SOS ON/ OFF	24	–
5	MIC Shield Ground	25	MIC Output Signal
6	MIC Power Supply Input	26	MIC Ground
7	Audio Signal Shield Ground	27	–
8	Audio Signal +	28	Audio Signal –
9	–	29	–
10	ECALL Switch 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	–	36	–
17	–	37	–
18	–	38	–
19	CAN-H	39	CAN-L
20	Power Supply	40	Ground

Radar Control Module –1 Terminal Definition



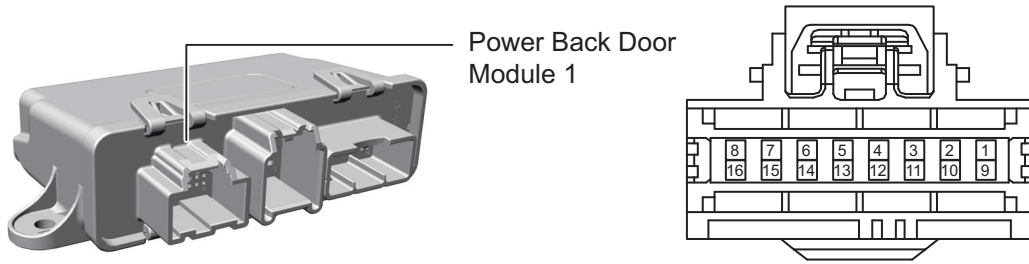
Pin	Definition	Pin	Definition
1	–	14	Power Supply
2	–	15	–
3	–	16	PDC Warning Sound OFF Button
4	–	17	PDC Warning Sound OFF Button Indicator
5	–	18	Rear Radar Sensor Power Supply
6	Rear Left Outside Radar Sensor Signal	19	–
7	Rear Right Inside Radar Sensor Signal	20	Rear Left Inside Radar Sensor Signal
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	–

Radar Control Module –2 Terminal Definition



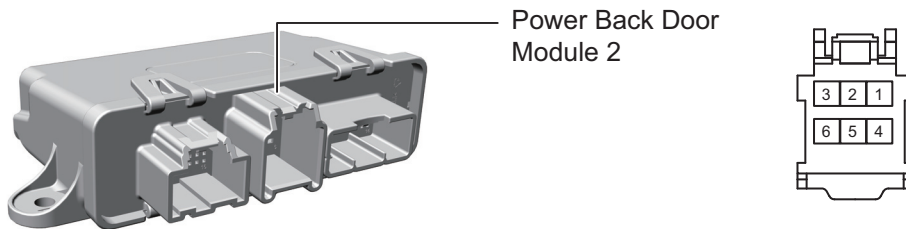
Pin	Definition	Pin	Definition
1	–	10	Front Radar Sensor Ground
2	–	11	Front Left Outside Radar Sensor Signal
3	Front Left Inside Radar Sensor Signal	12	Front Right Inside Radar Sensor Signal
4	Front Right Outside Radar Sensor Signal	13	–
5	–	14	Front Radar Sensor Power Supply
6	–	15	–
7	–	16	–
8	–	17	–
9	–	18	–

Power Back Door Module –1 Terminal Definition



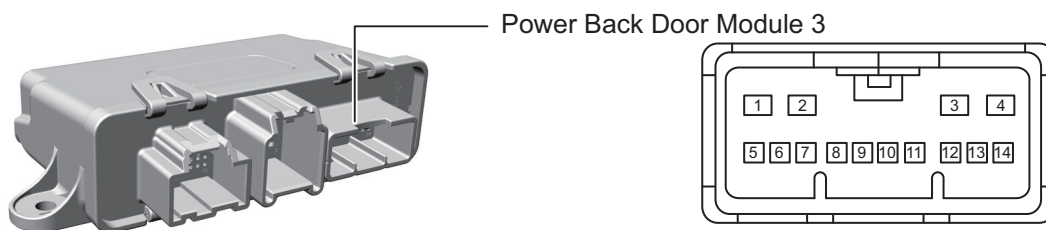
Pin	Definition	Pin	Definition
1	Left Side Jam Protection Signal	9	–
2	–	10	–
3	Back Door Closer Switch	11	–
4	Return Signal	12	–
5	Half Latch Signal	13	–
6	Full Latch Signal	14	–
7	CAN–L	15	CAN–H
8	Right Side Jam Protection Signal	16	Signal Ground

Power Back Door Module –2 Terminal Definition



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	–

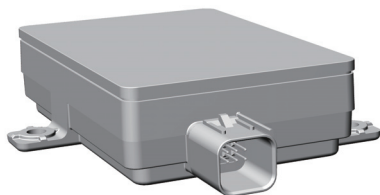
Left Blind Spot Detection Module Terminal Definition

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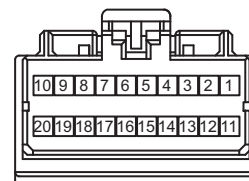
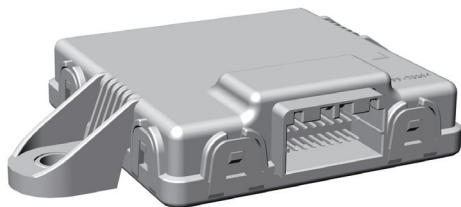
Pin	Definition	Pin	Definition
1	Special CAN-L	5	Ground
2	Special CAN-H	6	Body CAN-L
3	–	7	Body CAN-H
4	HMI Drive	8	Power Supply

Right Blind Spot Detection Module Terminal Definition



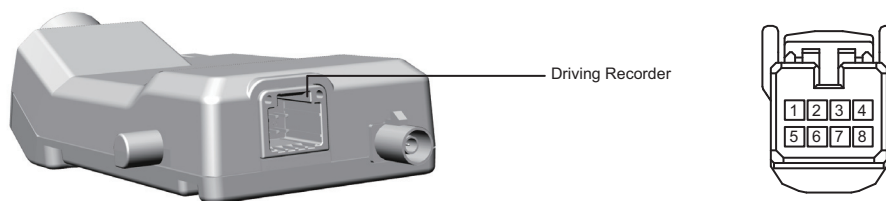
Pin	Definition	Pin	Definition
1	Special CAN-L	5	Ground
2	Special CAN-H	6	Body CAN-L
3	Ground	7	Body CAN-H
4	HMI Drive	8	Power supply

Gateway Module Terminal Definition



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	-

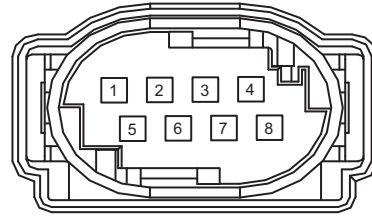
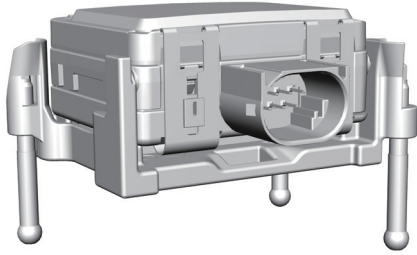
Head Up Display Terminal Definition



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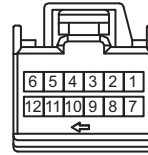
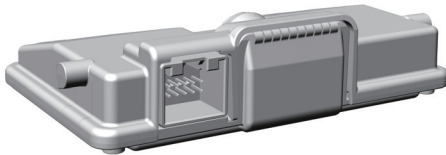
Pin	Definition	Pin	Definition
1	Ground	5	Power Supply
2	Power Supply	6	-
3	CAN_H	7	CAN_L
4	-	8	-

Front Radar Module Terminal Definition



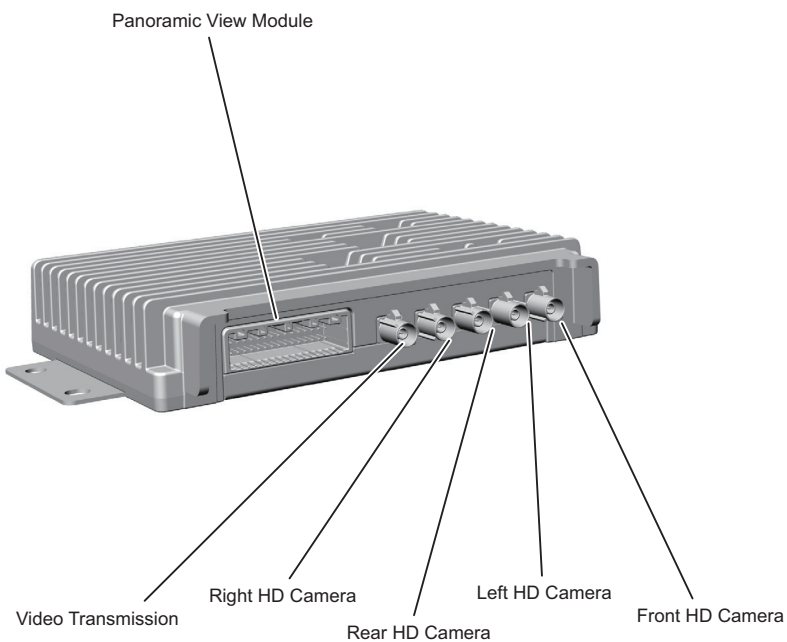
Pin	Definition	Pin	Definition
1	Ground	5	Internal CAN H
2	C-CAN H	6	Internal CAN L
3	C-CAN L	7	-
4	-	8	Power Supply

Front Camera Terminal Definition



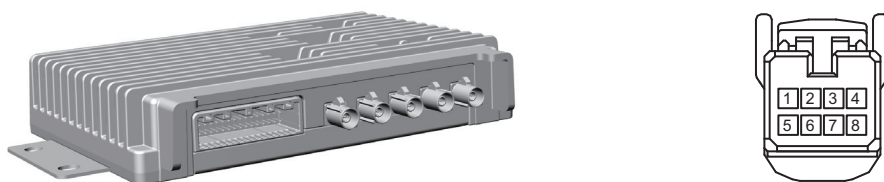
Pin	Definition	Pin	Definition
1	Private CAN-L	7	Private CAN-H
2	CAN-L	8	CAN-H
3	Reserved	9	/
4	Front Windshield Heating (Reserved)	10	Windshield Heating Ground (Reserved)
5	Ground	11	/
6	KL15	12	/

Panoramic View Controller



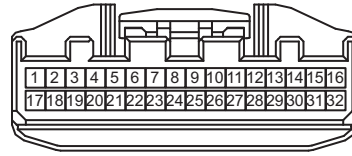
Panoramic View Controller (Without APA) Terminal Definition

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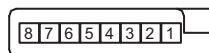
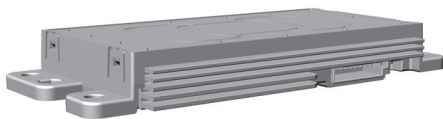
Pin	Definition	Pin	Definition
1	–	5	–
2	BCAN-H	6	BCAN-L
3	Ignition Signal	7	SWITCH
4	Ground	8	Power supply

Panoramic View Controller (With APA) Terminal Definition



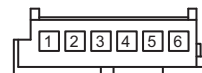
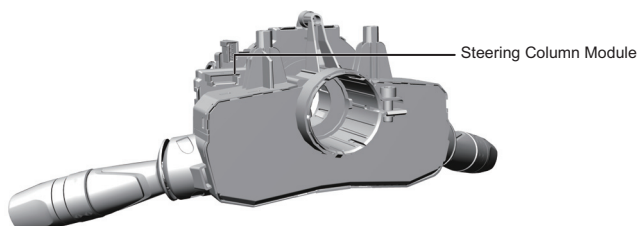
Pin	Definition	Pin	Definition
1	APA-LED	17	APA Switch Signal (Low Level)
2	PDC-LED	18	PDC Switch Signal (Low Level)
3	Signal Ground (Rear)	19	Signal Power Supply (Rear)
4	Signal (Rear Right)	20	Signal (Rear Left)
5	Signal (rear left)	21	Signal (Rear Left Center)
6	Signal (Rear Right Center)	22	Signal (Rear Right)
7	Signal Ground (Front)	23	Signal Power Supply (Front)
8	Signal (Front Right)	24	Signal (Front Left)
9	Signal (front left)	25	Signal (front left)
10	Signal (Front Right)	26	Signal (Front Right)
11	–	27	AVM Switch Signal (Low Level)
12	–	28	–
13	–	29	–
14	Chassis – CAN_L	30	Chassis – CAN_H
15	–	31	Power Supply
16	Ground	32	Power Supply

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	-

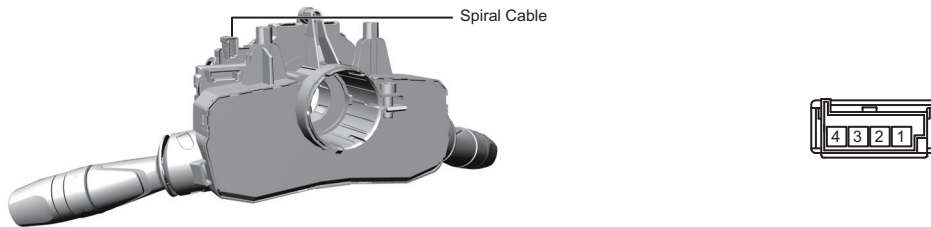
Steering Column Module Terminal Definition



09

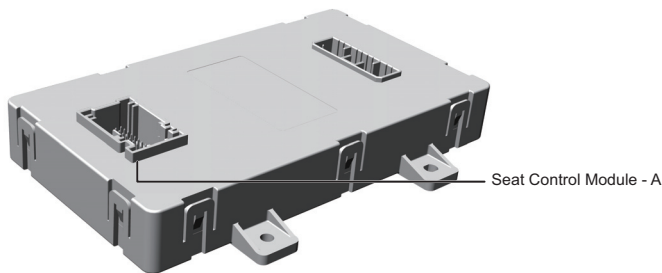
Pin	Definition	Pin	Definition
1	Power supply	4	CAN H
2	-	5	LIN
3	CAN L	6	Ground

Spiral Cable Terminal Definition



Pin	Definition	Pin	Definition
1	Ground	3	Airbag Positive
2	Electric Horn	4	Airbag Negative

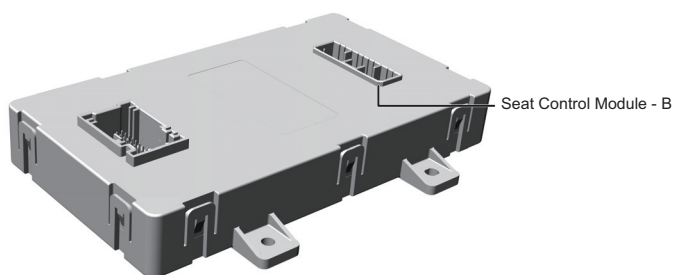
Seat Control Module –A Terminal Definition



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	–
12	–	38	–

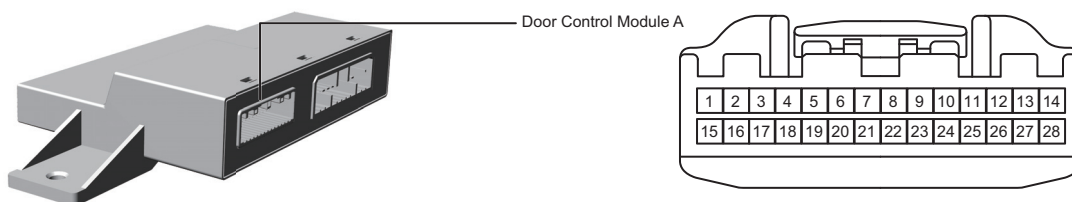
Pin	Definition	Pin	Definition
13	–	39	–
14	–	40	–
15	–	41	–
16	Front Right Seat NTC Feedback	42	Front Left Seat Cushion Ventilation
17	Front Left Seat NTC Feedback	43	Front Right Seat Cushion Ventilation
18	–	44	Seat HALL Signal Ground
19	Switch Ground	45	Front Left Seat NTC Ground
20	–	46	Front Right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

Seat Control Module –B Terminal Definition



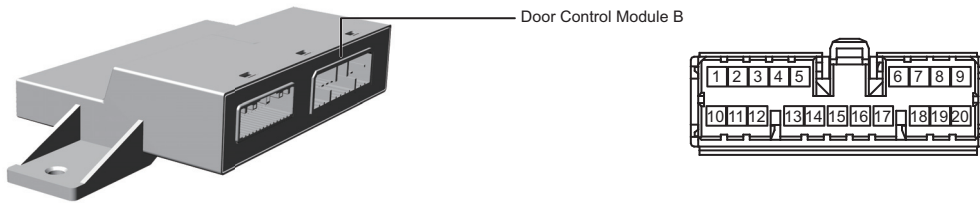
Pin	Definition	Pin	Definition
1	Front right seat heating ground	11	Front Left Seatback/Cushion Adjustment Common Terminal
2	–	12	Front Left Seatback Adjustment
3	–	13	Front Left Seat Cushion Adjustment
4	–	14	Power Supply
5	–	15	Ground
6	–	16	Ground
7	–	17	Power Supply
8	Front Left Seat Heating Ground	18	Front Left Seat Height Adjustment
9	Front Left Seat Heating Output	19	Front Left Seat Front–back Adjustment
10	Front Right Seat Heating Output	20	Front Left Height/Front–back Adjustment Common Terminal

Door Control Module A Terminal Definition



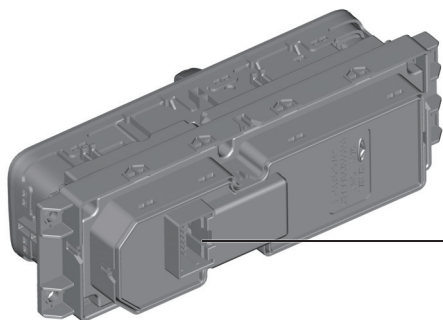
Pin	Definition	Pin	Definition
1	Driver Glass Regulator Switch	15	Left Rear View Mirror Upper And Lower Position Signal
2	Driver Glass Regulator Switch	16	Left Rear View Mirror Left And Right Position Signal
3	Right Rear View Mirror Upper And Lower Position Signal	17	CAN-H
4	Right Rear View Mirror Left And Right Position Signal	18	CAN-L
5	Driver Glass Regulator Switch	19	-
6	Driver Glass Regulator Switch	20	Ground
7	IGN Power Supply	21	Sensor Ground
8	Rear View Mirror Folding Input	22	-
9	-	23	-
10	Rear View Mirror Switch - 1	24	Rear View Mirror Position Sensor Power Supply
11	Rear View Mirror Switch - 2	25	-
12	Rear View Mirror Switch - 3	26	Central Control Switch Lock Input
13	Rear View Mirror Switch - 4	27	Central Control Switch Unlock Input
14	Rear View Mirror Switch - 5	28	Window Lock Switch

Door Control Module B Terminal Definition

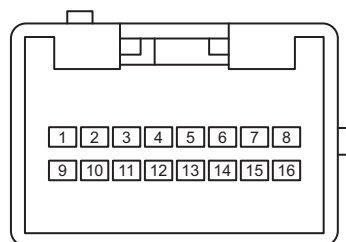


Pin	Definition	Pin	Definition
1	–	11	Ground
2	–	12	Ground
3	Blind Spot Detection Output	13	Right Rear View Mirror Adjustment Common Terminal
4	–	14	Right Rear View Mirror Horizontal Adjustment
5	Window Lock Switch Indicator Light	15	Right Rear View Mirror Vertical Adjustment
6	Rear Right Door Panel Warning 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 Terminal

Electronic Shift Module Terminal Definition



Electronic Shift Module



Pin	Definition	Pin	Definition
1	CAN-L	9	-
2	CAN-H	10	SW6
3	-	11	AUTOHOLD Switch Operation Indicator Drive
4	Ground	12	AUTOHOLD Switch Signal Output
5	Power Supply	13	SW4
6	-	14	SW3
7	Ignition Signal	15	EPB Switch Operation Indicator Drive
8	-	16	SW1

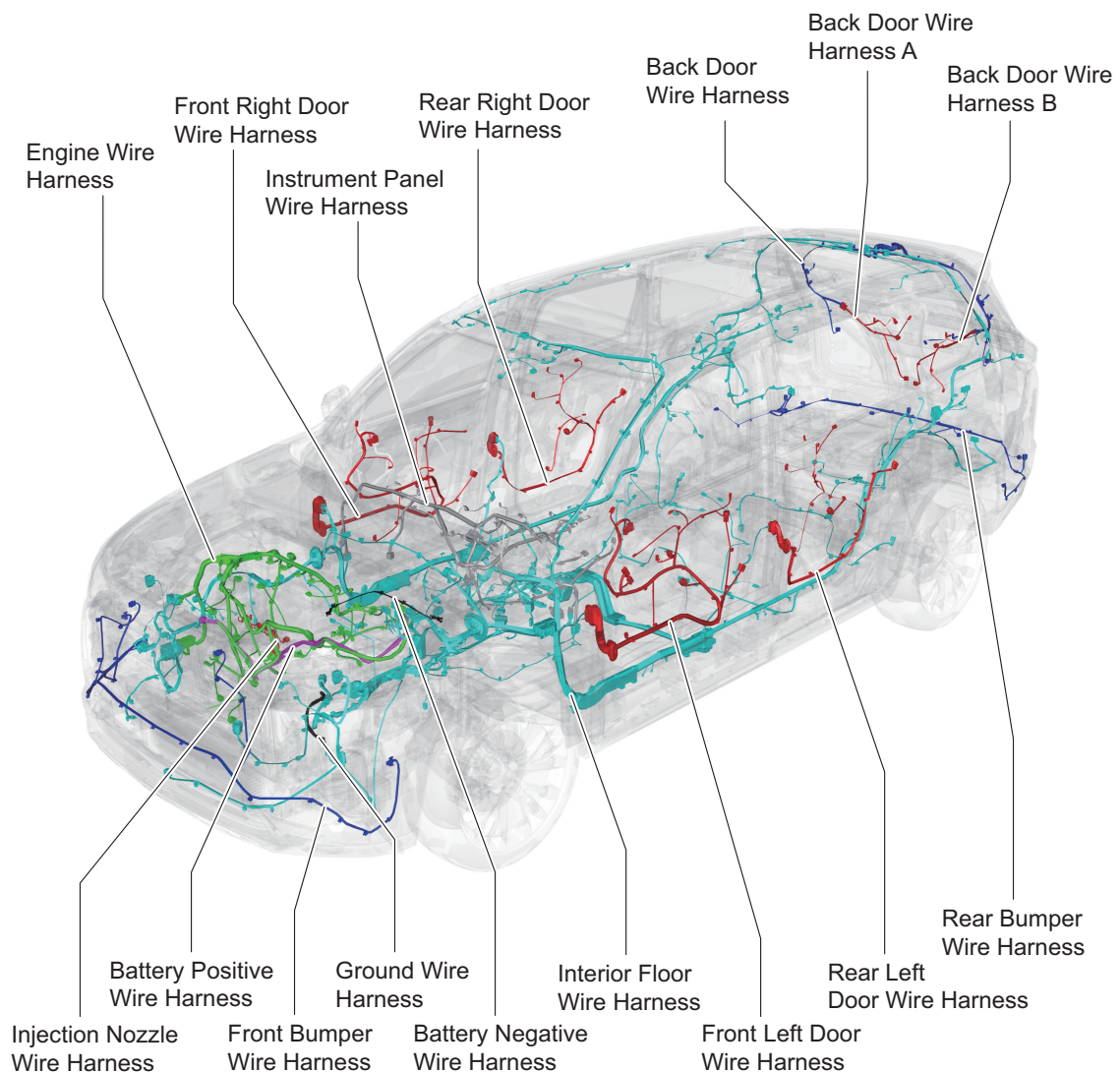
Wire Harness Position Diagram

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.

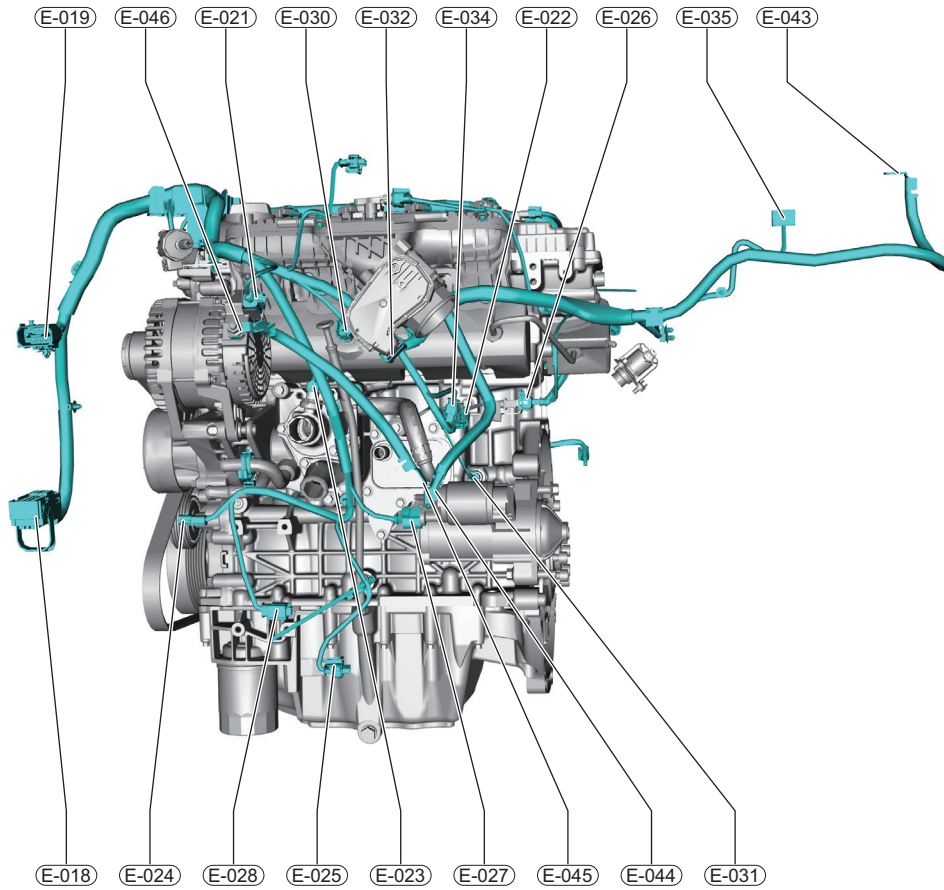
Wire Harness Position Diagram Distribution

Vehicle Wire Harness Layout



WHE000001

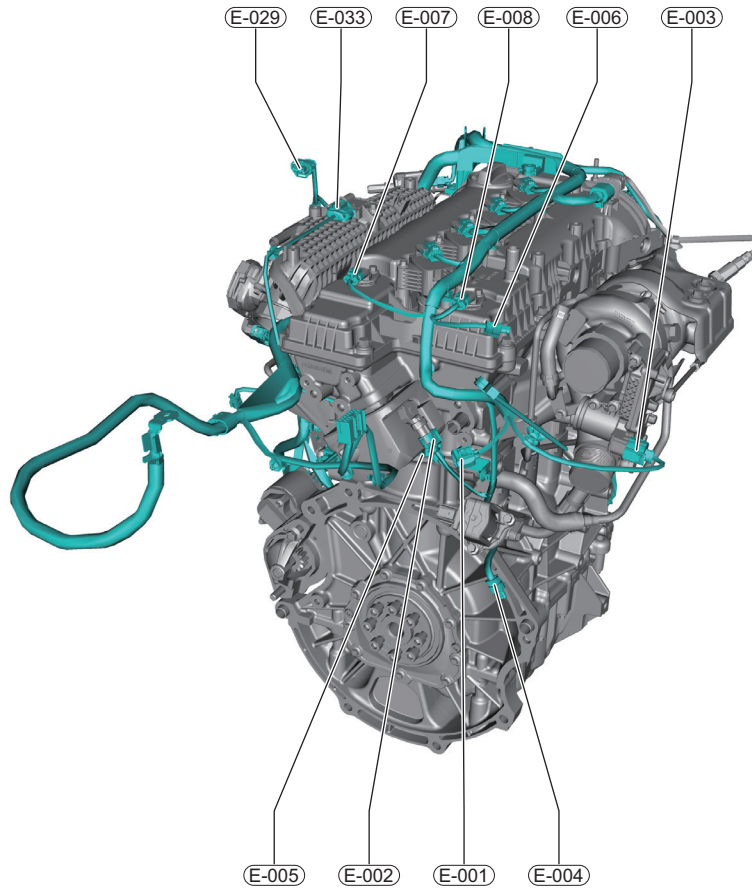
Engine Wire Harness



WHE001001

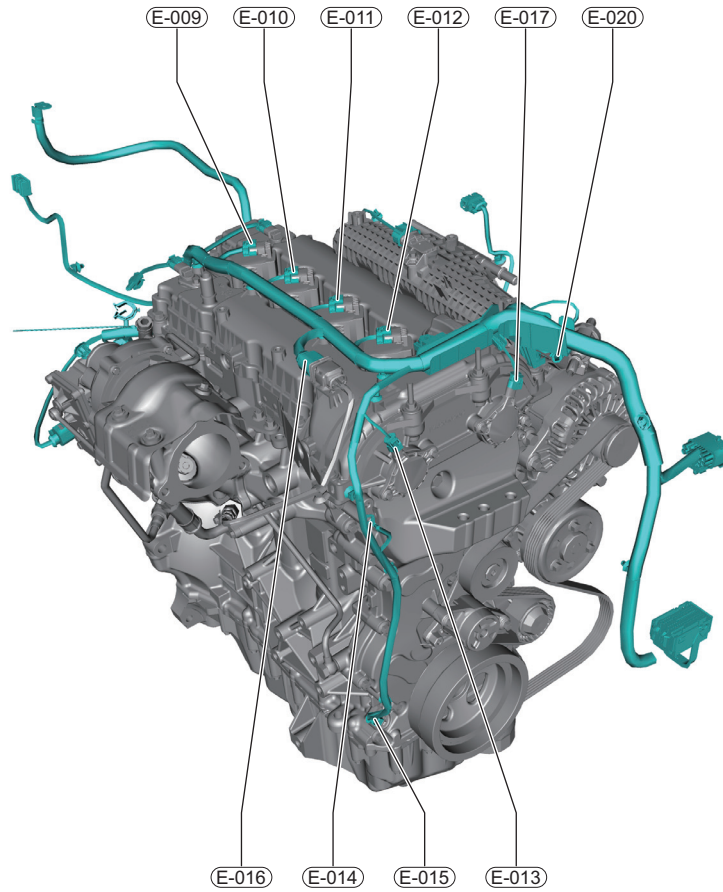
Connector Number	Connector Color/Pin	Connector Name
E-018	B/95	ECU-B
E-019	B/44	Engine Wire Harness to Interior Floor Wire Harness
E-021	B/2	Alternator Excitation
E-022	B/10	Engine Wire Harness to Fuel Injector Wire Harness
E-023	Gr/2	Electronic Thermostat
E-024	B/2	Compressor Clutch
E-025	B/4	Boost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

Connector Number	Connector Color/Pin	Connector Name
E-043	/1	PFB-ST
E-044	/1	Starter 1
E-045	/1	Starter 2
E-046	/1	Alternator



WHE002001

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



WHE003001

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

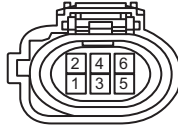
Engine Wire Harness Connector List



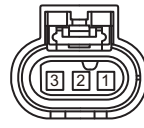
(E-001)
B ERCV Pressure Relief Valve



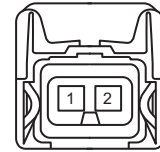
(E-002)
B High Pressure Fuel Pump



(E-003)
Br Electronic Exhaust Valve



(E-004)
B Speed Sensor



(E-005)
B Water Temperature Sensor 1



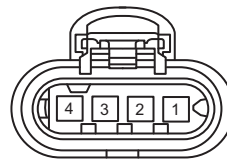
(E-006)
B Crank Heating Valve



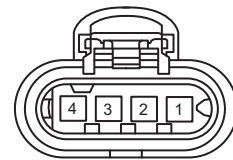
(E-007)
B Intake Camshaft Phase Sensor



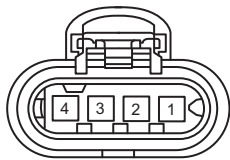
(E-008)
B Exhaust Camshaft Phase Sensor



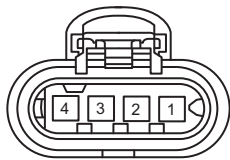
(E-009)
B Ignition Coil 4



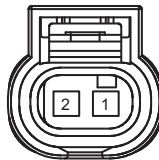
(E-010)
B Ignition Coil 3



(E-011)
B Ignition Coil 2



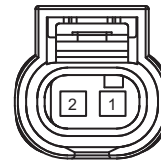
(E-012)
B Ignition Coil 1



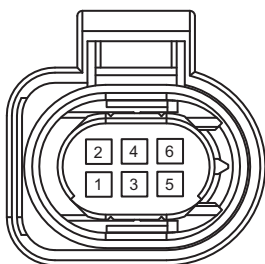
(E-013)
B Exhaust Phase Solenoid Valve



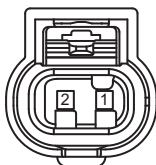
(E-014)
Ground



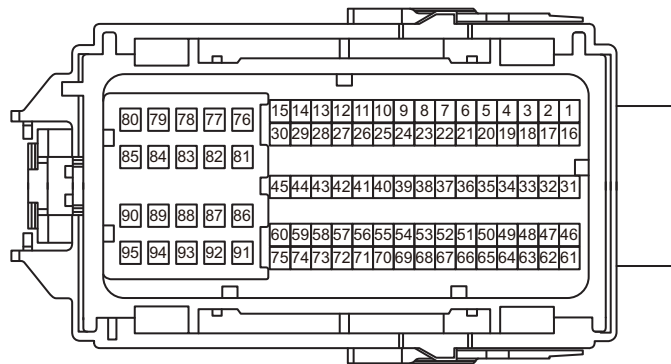
(E-015)
B Variable Oil Pump



(E-016)
B Upstream Oxygen Sensor



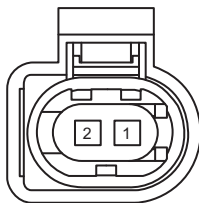
(E-017)
B Intake Phase Solenoid Valve



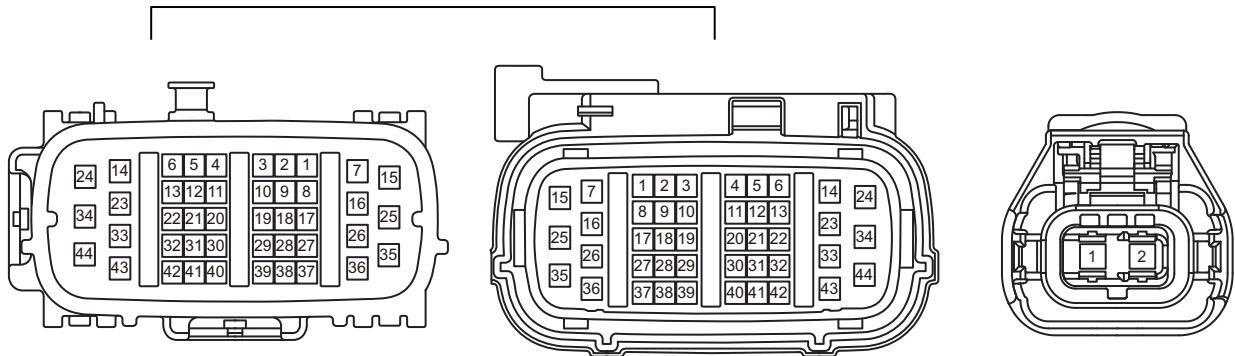
(E-018)
B
ECU-B



(E-020)
B Charcoal Canister Solenoid Valve



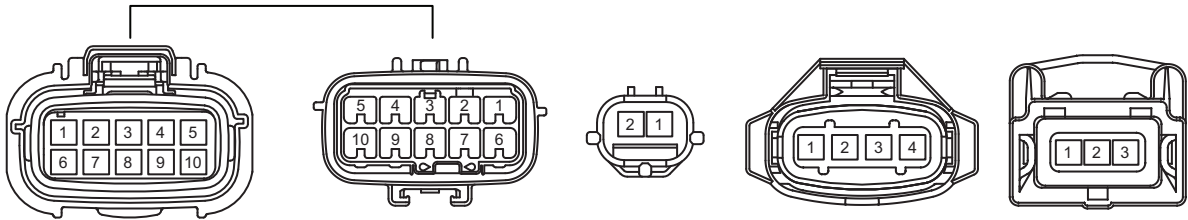
(E-021)
B Generator Excitation



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

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

(E-023)
Gr Electronic Thermostat



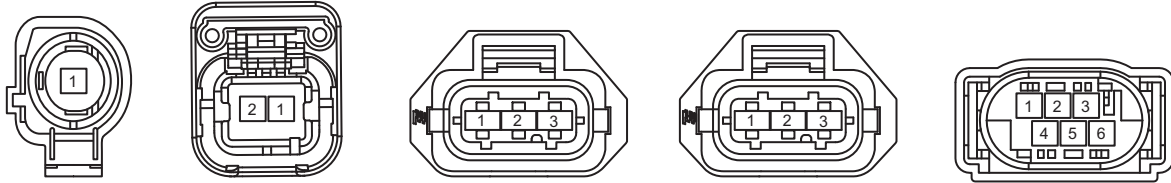
(E-022)
B Engine Wire Harness to Injection Nozzle Wire Harness

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

(E-024)
B Compressor Clutch

(E-025)
B Boost Pressure Sensor

(E-026)
B Knock Sensor



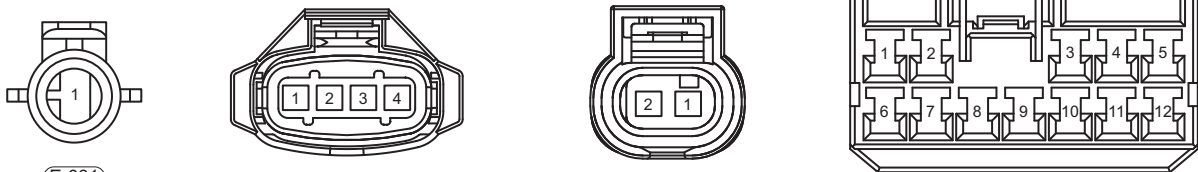
(E-027)
B Starter

(E-028)
B Compressor External Control Valve

(E-029)
B Canister Desorption Pressure Sensor

(E-030)
B Fuel Rail Pressure Sensor

(E-032)
B Electronic Throttle

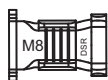


(E-031)
B Oil Pressure Sensor

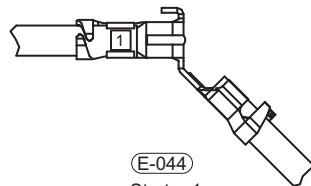
(E-033)
B Intake Temperature & Pressure Sensor

(E-034)
B Water Temperature Sensor 2

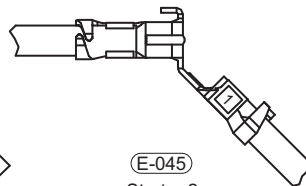
(E-035)
W Engine Compartment Fuse and Relay Box Connector D



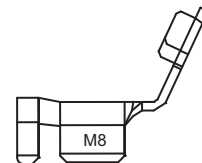
(E-043)
PFB-ST



(E-044)
Starter 1



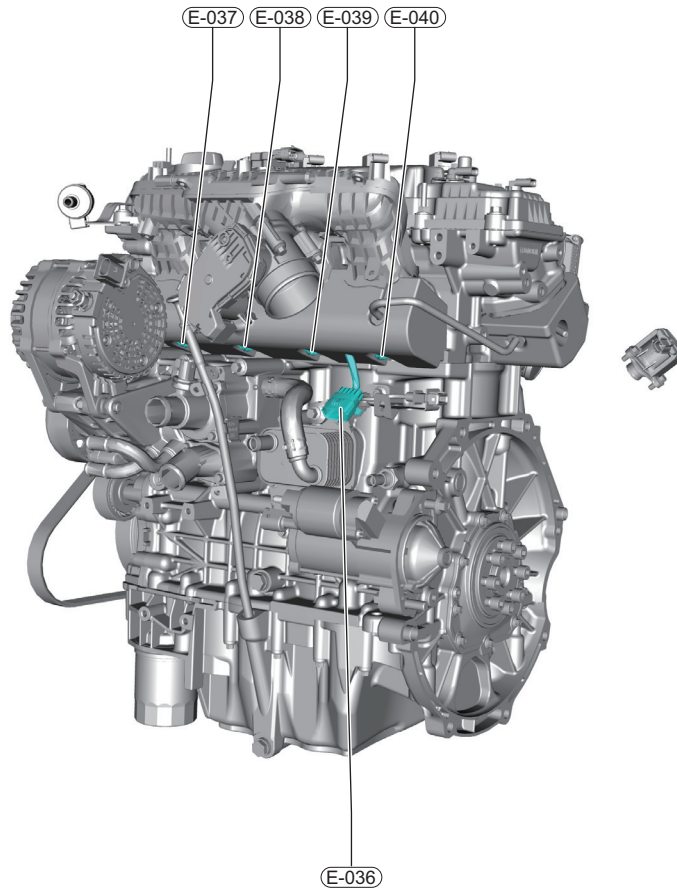
(E-045)
Starter 2



(E-046)
Generator

EPU002001

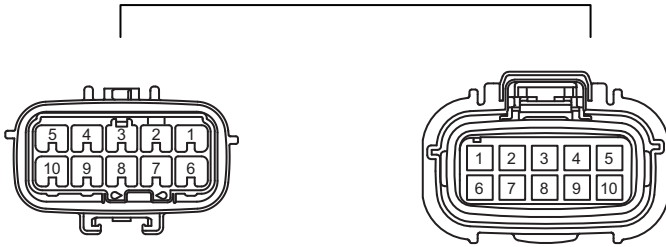
Fuel Injector Wire Harness



WHE004001

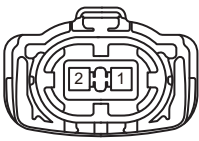
Connector Number	Connector Color/Pin	Connector Name
E-036	B/10	Fuel Injector Wire Harness to Engine Wire Harness Interface
E-037	B/2	Fuel Injector 1
E-038	B/2	Fuel Injector 2
E-039	B/2	Fuel Injector 3
E-040	B/2	Fuel Injector 4

Fuel Injector Wire Harness Connector List

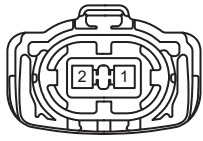


(E-036)
B Injection Nozzle Wire
Harness to Engine
Wire Harness Interface

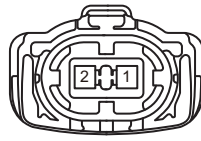
(E-022)
B Engine Wire Harness to
Injection Nozzle Wire Harness Interface



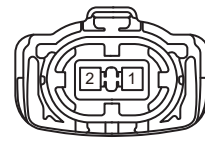
(E-037)
B Fuel Injector 1



(E-038)
B Fuel Injector 2

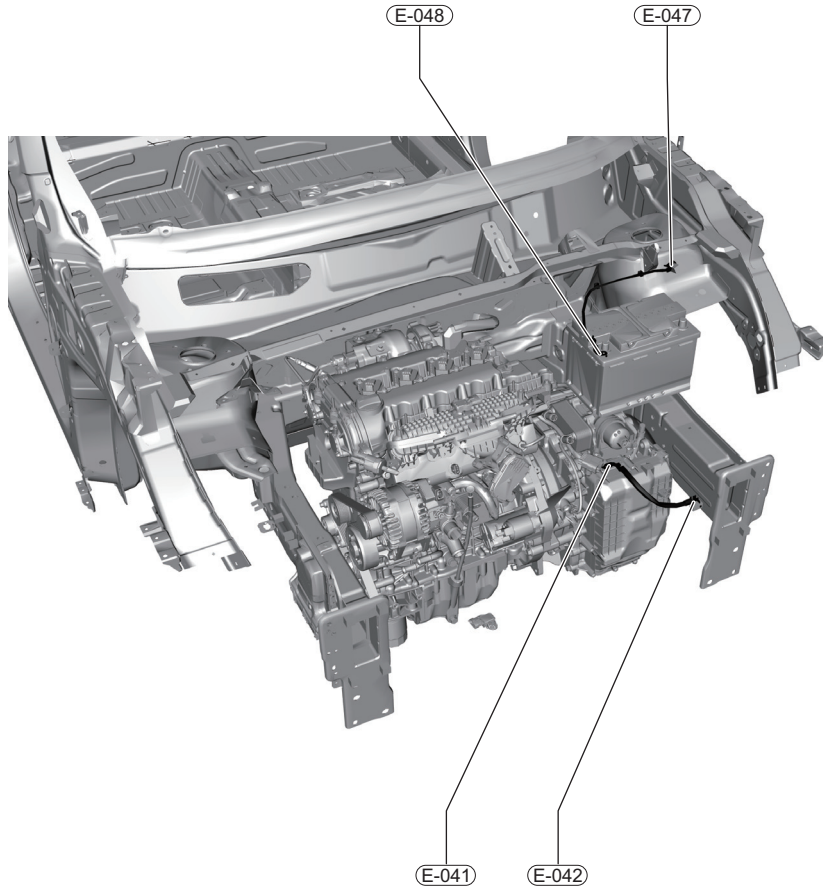


(E-039)
B Fuel Injector 3



(E-040)
B Fuel Injector 4

Battery Negative Wire Harness



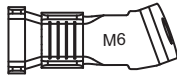
WHE006001

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

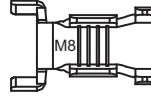
Battery Negative Wire Harness Connector List



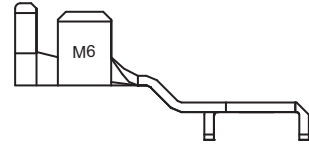
(E-041)
PFB-UEC



(E-042)
UEC-PFB

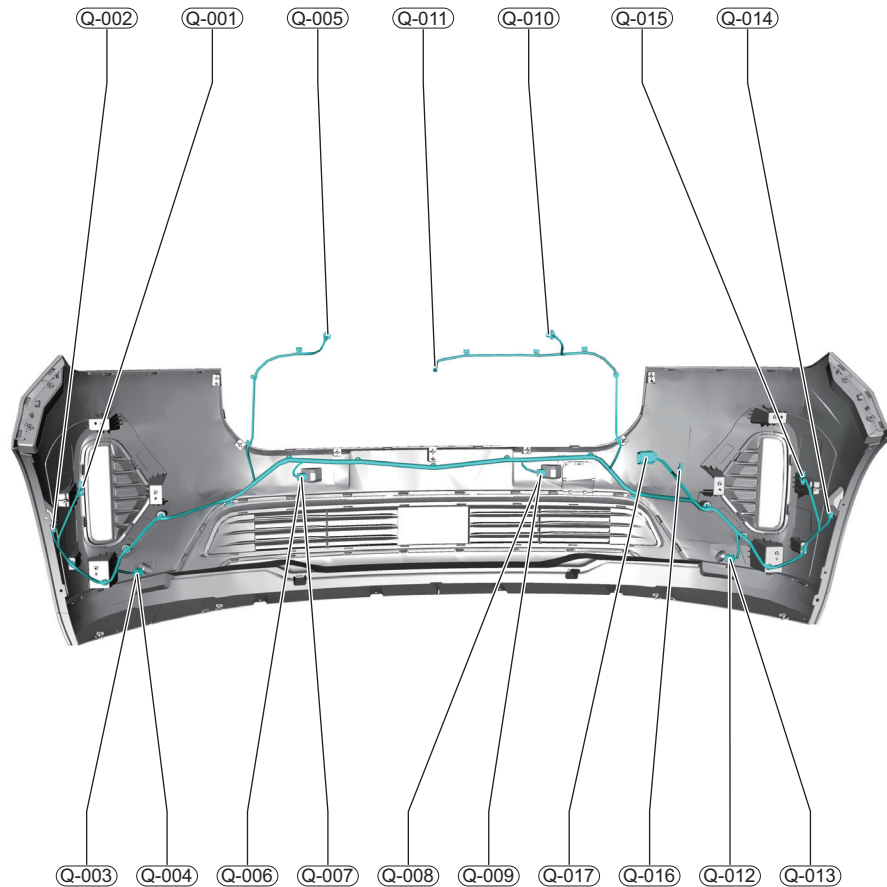


(E-047)
Body Ground



(E-048)
Battery Ground

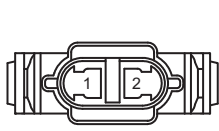
Front Bumper Wire Harness



WHE007001

Connector Number	Connector Color/Pin	Connector Name
Q-001	B/2	Front Left Fog Light
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	Front Right Fog Light
Q-016	B/1	Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)
Q-017	B/26	Front Bumper Wire Harness to Interior Floor Wire Harness Interface

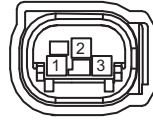
Front Bumper Wire Harness Connector List



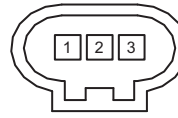
Q-001
B Front Left Fog Light



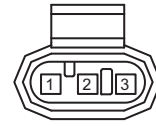
Q-002
B Front Left Long Distance Ultrasonic Sensor (APA)



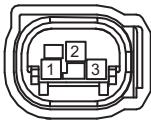
Q-003
B Front Left Radar Sensor (APA)



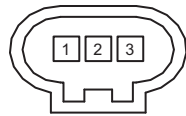
Q-004
B Front Left Radar Sensor (PDC)



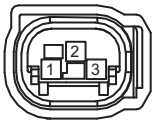
Q-005
B Front Left Position Light



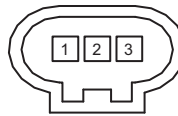
Q-006
B Front Left Center Radar Sensor (APA)



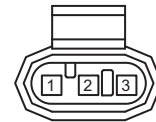
Q-007
B Front Left Center Radar Sensor (PDC)



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



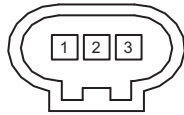
Q-009
B Front Right Center Radar Sensor (PDC)



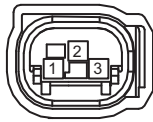
Q-010
B Front Right Position Light



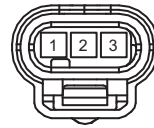
Q-011
Front HD Camera



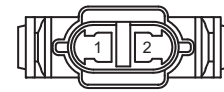
Q-012
B Front Left Radar Sensor (PDC)



Q-013
B Front Right Radar Sensor (APA)



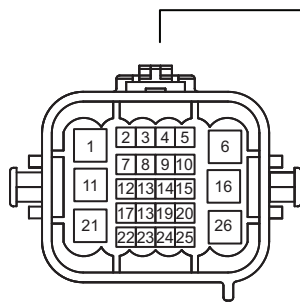
Q-014
B Front Right Long Distance Ultrasonic Sensor (APA)



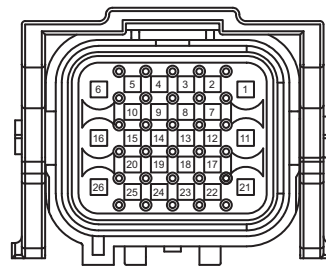
Q-015
B Front Right Long Distance Ultrasonic Sensor (APA)



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

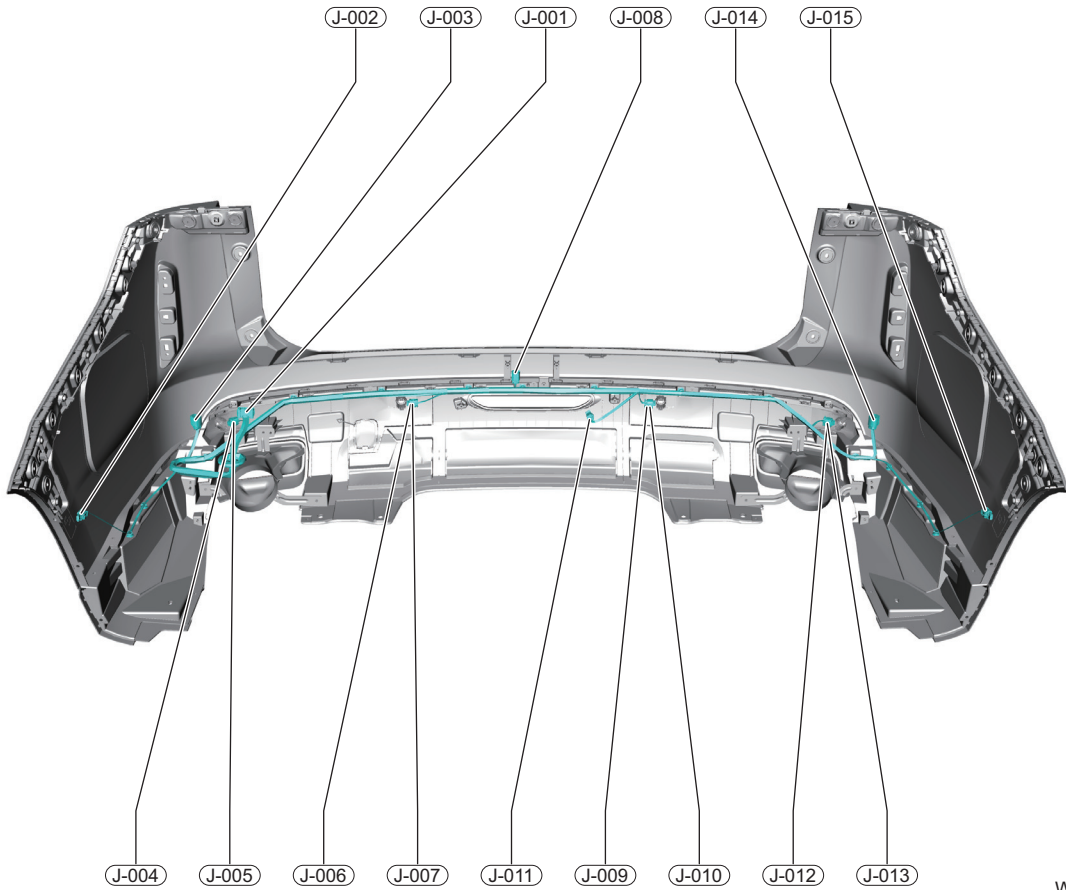


Q-017
B Front Bumper Wire Harness to Interior Floor Wire Harness Interface



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

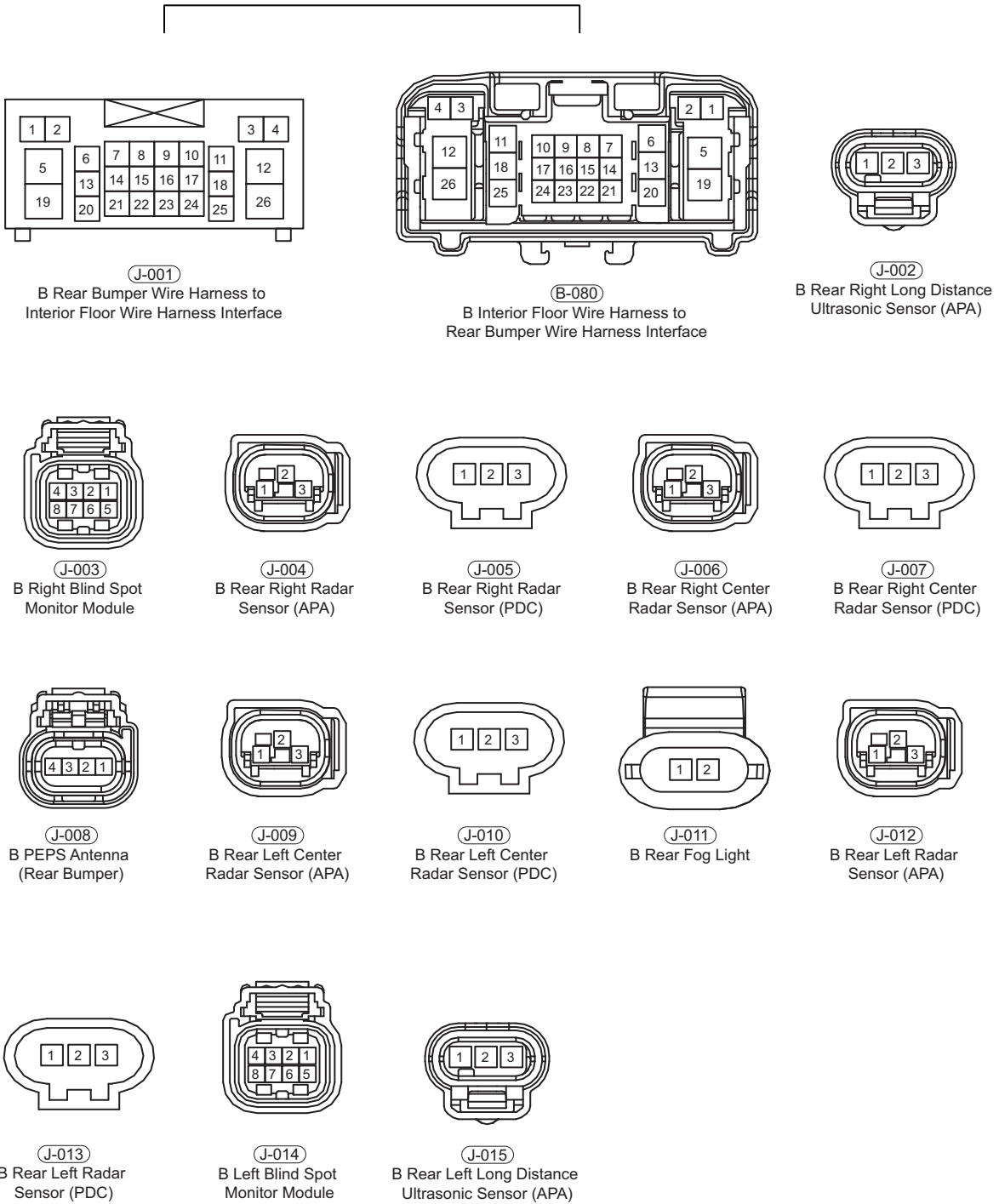
Rear Bumper Wire Harness



WHE008001

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-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-012	B/3	Rear Left Radar Sensor (APA)
J-013	B/3	Rear Left Radar Sensor (PDC)
J-014	B/8	Left Blind Spot Detection Module
J-015	B/3	Rear Left Long Distance Ultrasonic Sensor (APA)

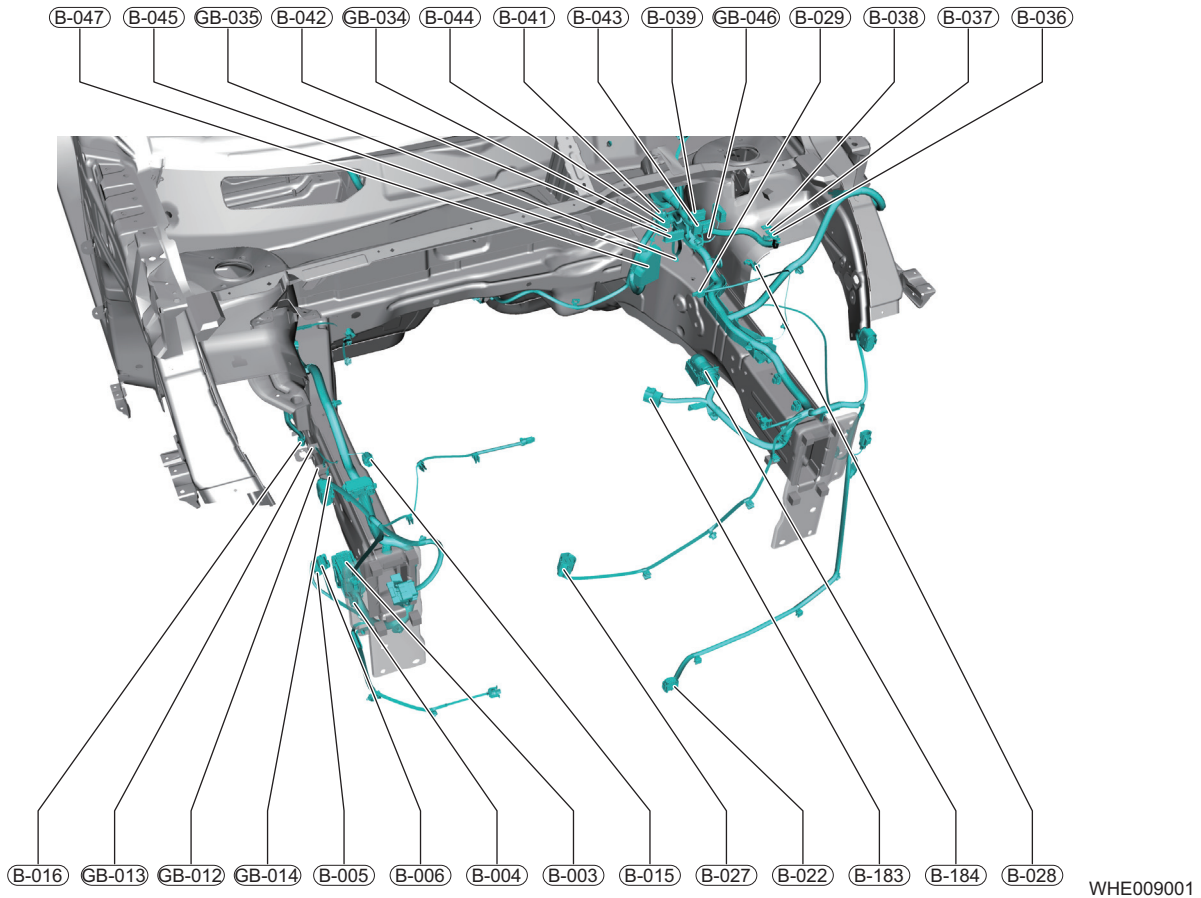
Rear Bumper Wire Harness Connector List



EPU007001



Interior Wire Harness



Connector Number	Connector Color/Pin	Connector Name
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
GB-012	/1	Ground
GB-013	/1	Ground
GB-014	/1	Ground
B-015	B/3	A/C Pressure Sensor
B-016	B/2	Front Right Wheel Speed Sensor
B-022	B/8	Front Radar Module
B-027	B/4	Cooling fan
B-028	/1	Battery Sensor Power Supply
B-029	B/2	Battery Sensor
GB-034	/1	Ground
GB-035	/1	Ground
B-036	/1	EPS Power Supply

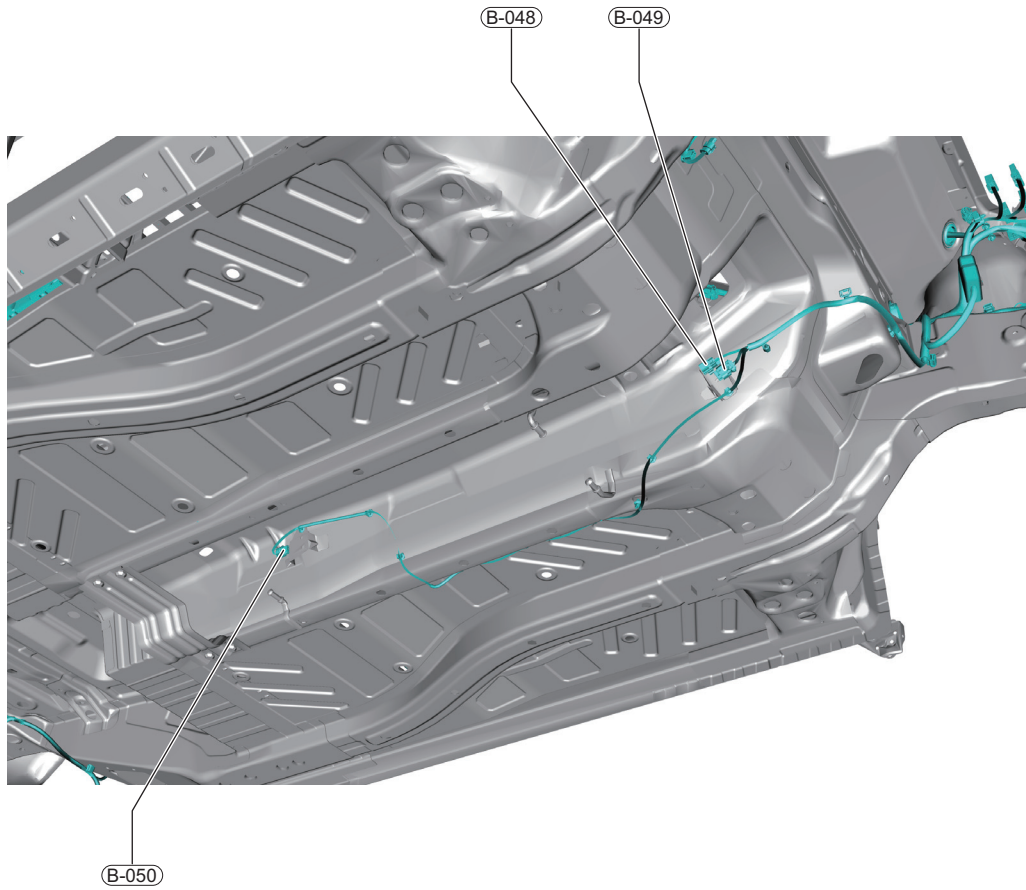
Connector Number	Connector Color/Pin	Connector Name
B-037	/1	Cooling Fan Power Supply
B-038	/1	Instrument Cluster Fuse and Relay Box Power Supply
B-039	W/14	Engine Compartment Fuse Box A
B-041	B/3	Brake Vacuum Pressure Sensor
B-042	W/18	Engine Compartment Fuse Box B
B-043	W/40	Engine Compartment Fuse Box F
B-044	W/14	Engine Compartment Fuse Box C
B-045	Gr/2	Brake Fluid Level Sensor
GB-046	/1	Ground
B-047	B/46	ESP module
B-183	B/16	Interior Wire Harness to Three-in-one Wire Harness
B-184	B/43	Interior Wire Harness to Wire Harness between Engine and Transmission



WHE010001

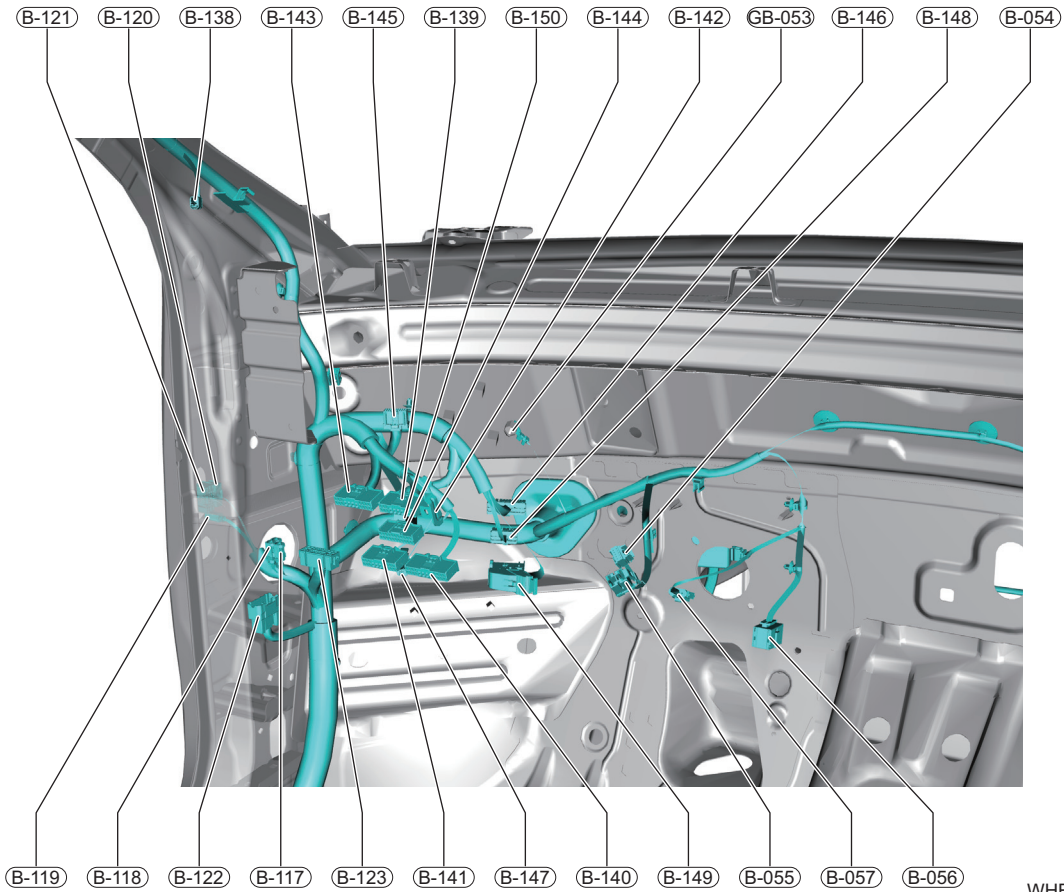
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Connector Number	Connector Color/Pin	Connector Name
B-002	B/2	Ambient temperature sensor
B-007	W/2	Engine Compartment Contact Switch
B-008	B/26	Interior Floor Wire Harness to Front Bumper Wire Harness
B-009	B/14	Front Right Headlight Assembly
B-010	/1	Front HD Camera Interface
B-011	B/30	Interior Floor Wire Harness to Engine Wire Harness
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
GB-030	/1	Ground
B-031	B/67	TCU
B-033	B/2	Front Left Wheel Speed Sensor
B-040	B/4	Front Wiper Motor



WHE011001

Connector Number	Connector Color/Pin	Connector Name
B-048	B/2	GPF temperature sensor
B-049	B/4	Downstream Oxygen Sensor
B-050	B/4	GPF Pressure Sensor

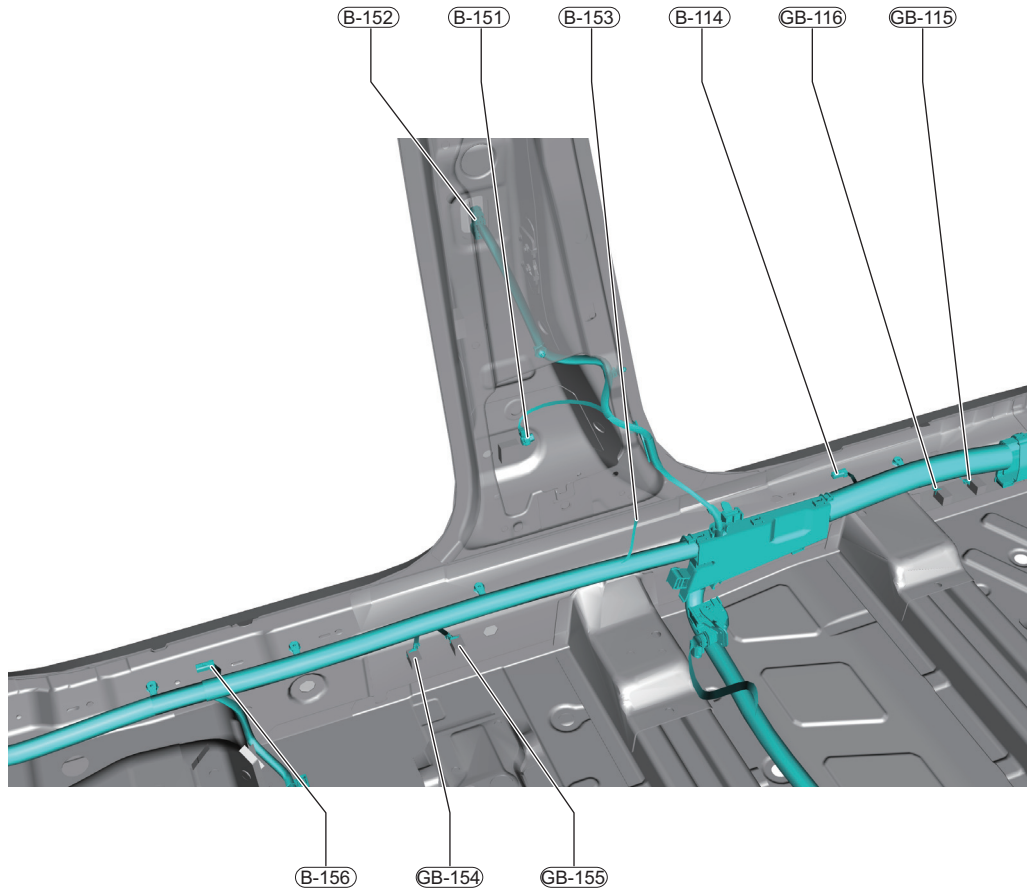


WHE012001

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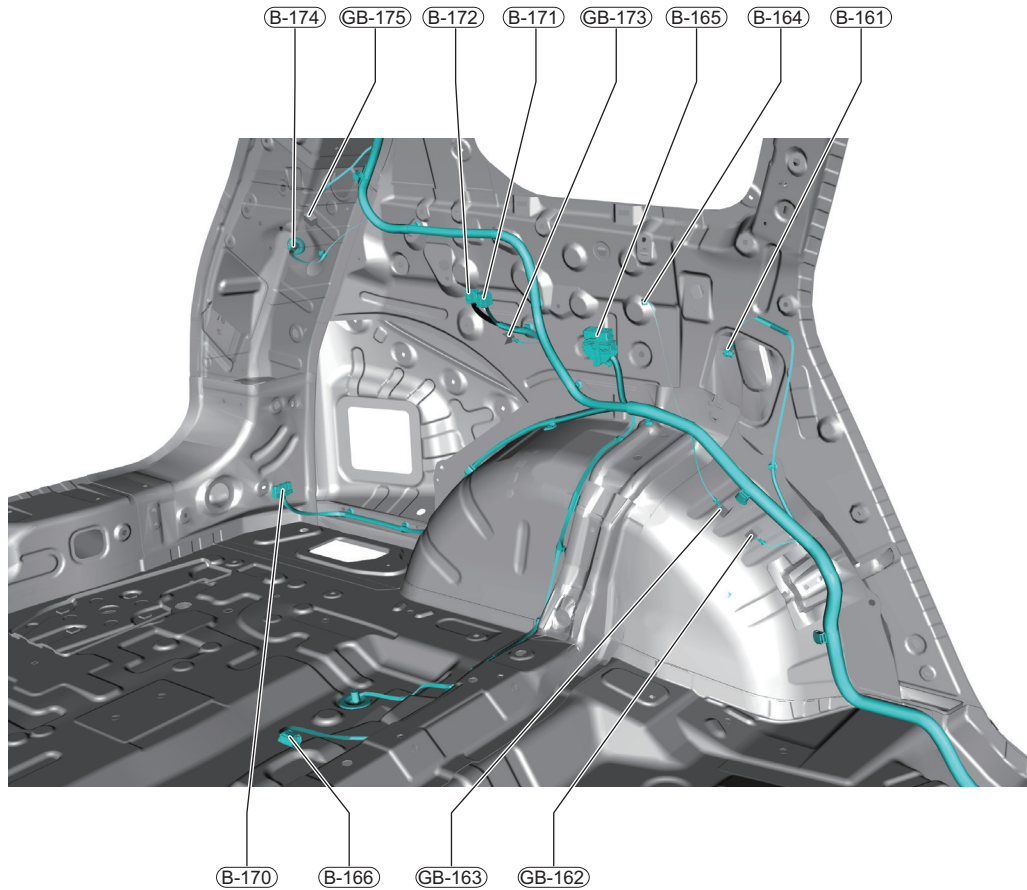
Connector Number	Connector Color/Pin	Connector Name
GB-053	/1	Ground
B-054	B/10	EPS-S
B-055	B/2	EPS-P
B-056	B/6	Electronic Accelerator Pedal
B-057	W/4	Brake Switch
B-117	/1	Face Recognition Camera
B-118	/1	Drive Recorder
B-119	/1	Left Side HD Camera
B-120	W/26	Interior Floor Wire Harness to Front Left 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 Cluster Wire Harness Connector 2 (Left Side)
B-123	W/40	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)
B-138	/1	Face Recognition Camera

Connector Number	Connector Color/Pin	Connector Name
B-139	W/16	Instrument Cluster Fuse Box C2
B-140	W/20	Instrument Cluster Fuse Box C4
B-141	B/16	Instrument Cluster Fuse Box C5
B-142	/1	Instrument Cluster Fuse Box Power Supply
B-143	W/22	Instrument Cluster Fuse Box C1
B-144	W/18	Instrument Cluster Fuse Box C3
B-145	B/20	Vehicle Gateway Module
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



WHE013001

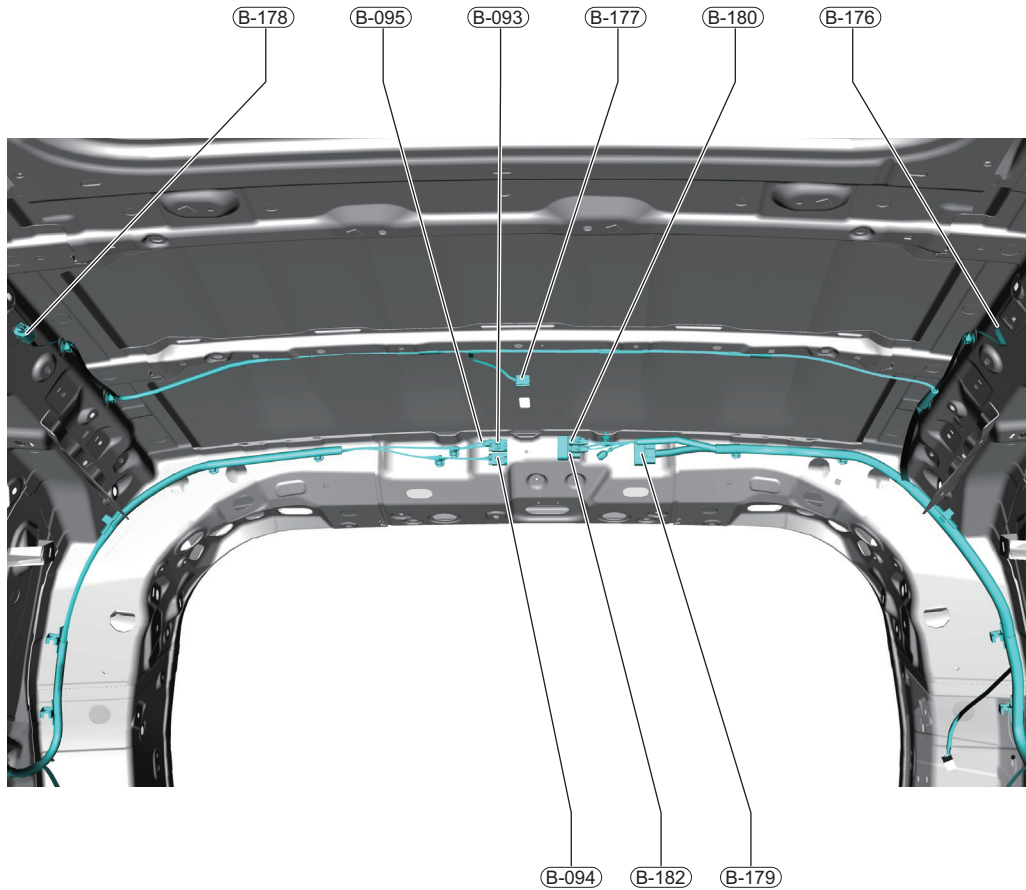
Connector Number	Connector Color/Pin	Connector Name
B-114	W/2	Front Left Doorsill Light
GB-115	/1	Ground
GB-116	/1	Ground
B-151	Y/2	Front Left Pretensioner
B-152	W/16	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector
B-153	B/2	Left Side Collision Sensor
GB-154	/1	Ground
GB-155	/1	Ground
B-156	W/2	Rear Left Doorsill Light



WHE014001

Connector Number	Connector Color/Pin	Connector Name
B-161	Y/2	Rear Left Pretensioner
GB-162	/1	Ground
GB-163	/1	Ground
B-164	W/2	USB Charging Module
B-165	W/64	Fuel Pump Controller
B-166	B/4	PEPS Antenna (Second Row)
B-170	W/15	Interior Wire Harness Interface to Rear A/C Wire Harness
B-171	W/6	Power Back Door Module 2
B-172	W/16	Power Back Door Module 1
GB-173	/1	Ground
B-174	W/8	Rear Left Combination Light (Body Part)
GB-175	/1	Ground

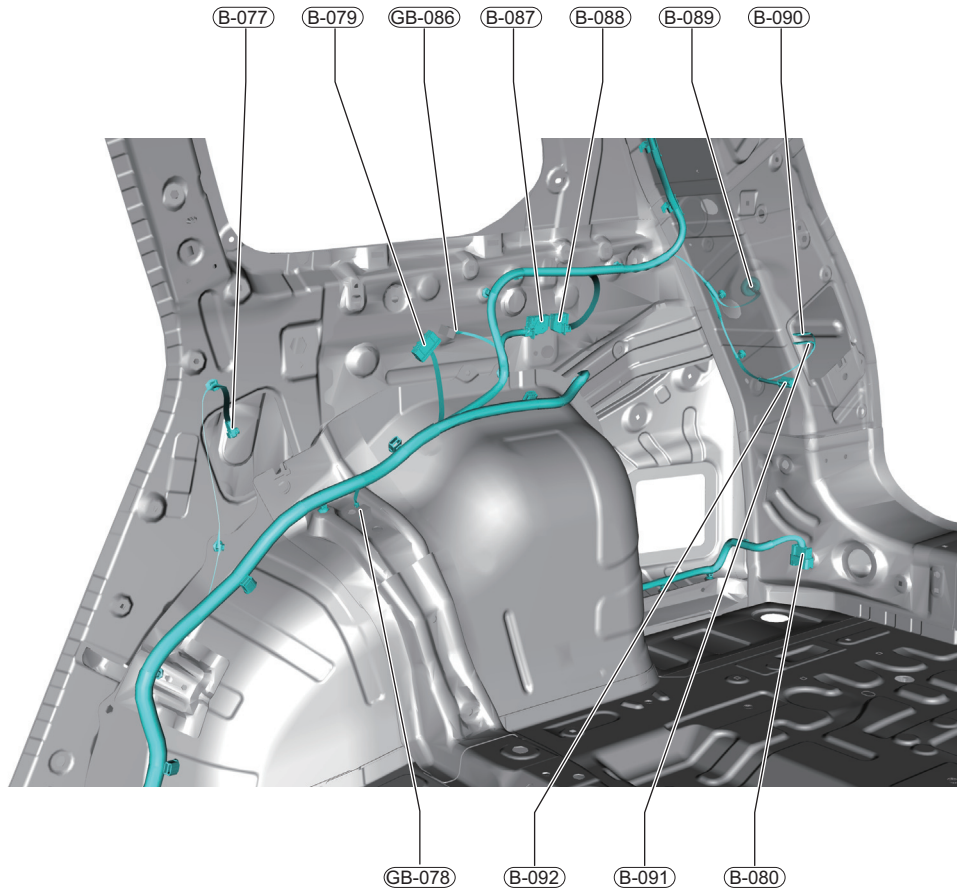
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WHE015001

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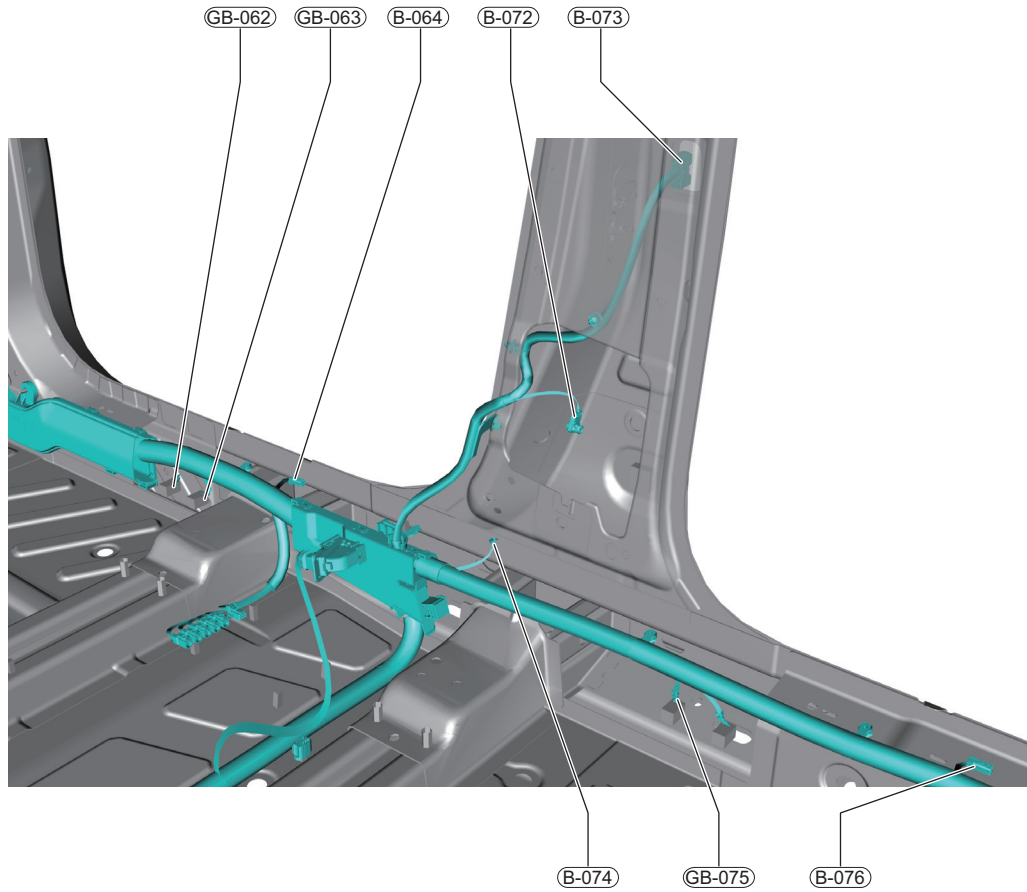
Connector Number	Connector Color/Pin	Connector Name
B-093	/1	AM/FM Antenna
B-094	/1	4G Main Antenna
B-095	/1	GPS Antenna
B-176	Y/2	Left Side Curtain Shield Airbag
B-177	W/6	Rear Map Light
B-178	Y/2	Right Side Curtain Shield Airbag
B-179	W/16	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2
B-180	/1	Rear HD Camera
B-182	W/20	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1



WHE016001

Connector Number	Connector Color/Pin	Connector Name
B-077	Y/2	Rear Right Pretensioner
GB-078	/1	Ground
B-079	B/26	4WD Controller
B-080	B/26	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface
GB-086	/1	Ground
B-087	Y/26	PDC-J1
B-088	B/18	PDC-J2
B-089	B/8	Rear Right Combination Light (Body Part)
B-090	W/1	Luggage Compartment Light
B-091	W/1	Luggage Compartment Light Ground
B-092	B/3	12 V Power Supply Socket

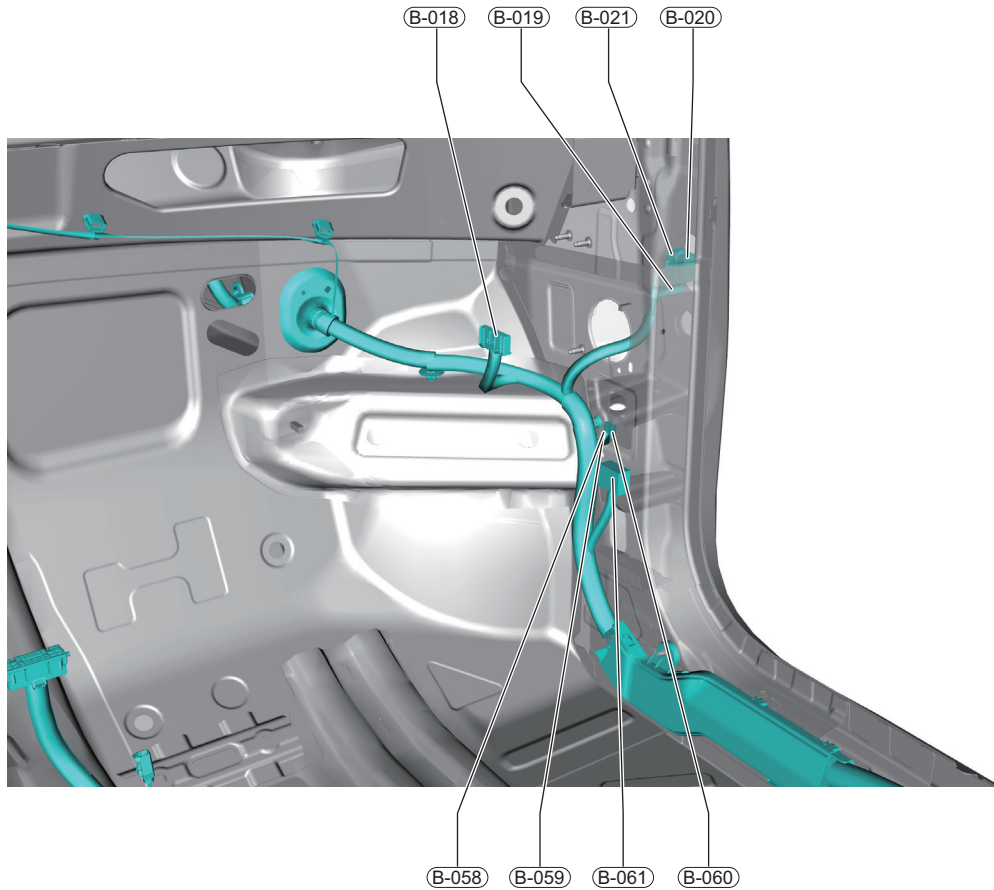
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WHE017001

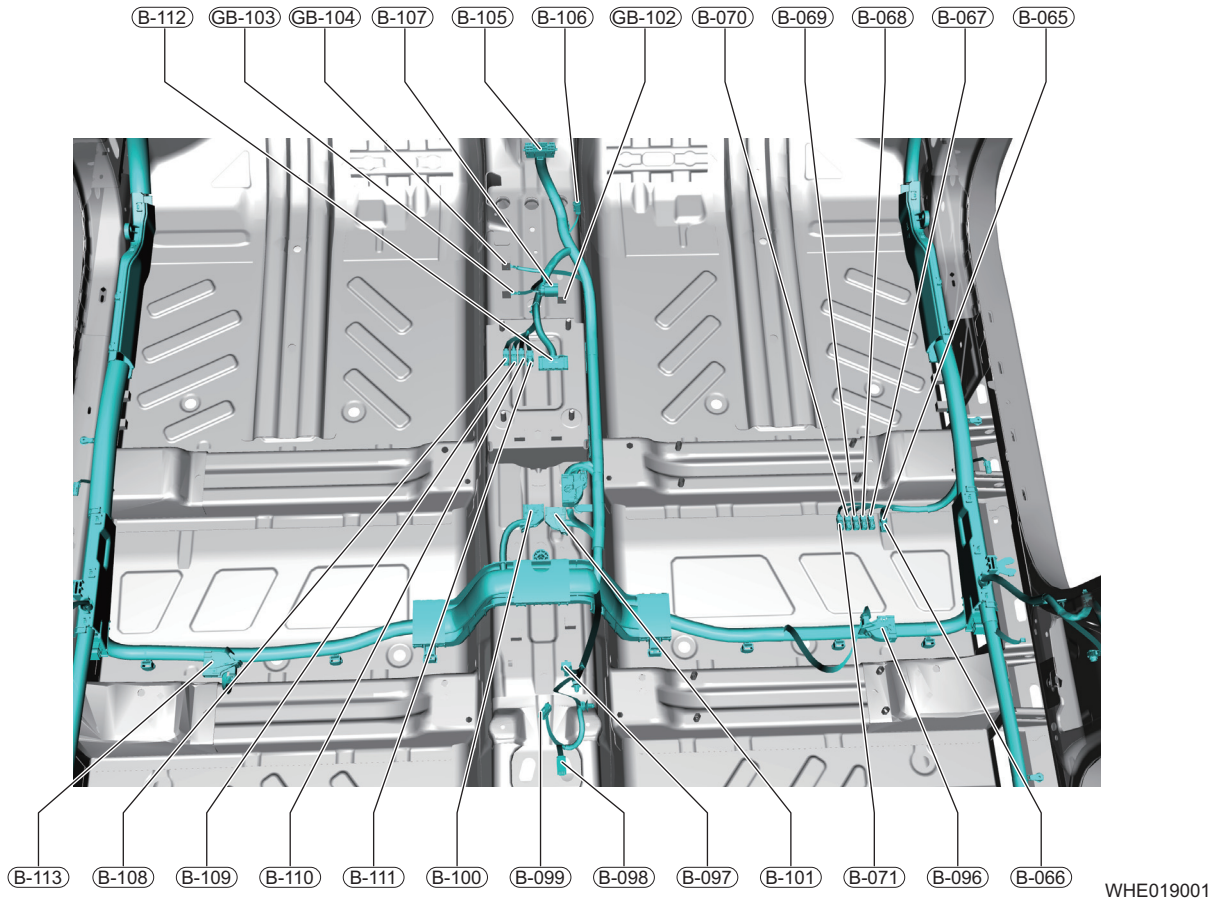
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Connector Number	Connector Color/Pin	Connector Name
GB-062	/1	Ground
GB-063	/1	Ground
B-064	W/2	Front Right Doorsill Light
B-072	Y/1	Front Right Pretensioner
B-073	W/16	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface
B-074	B/2	Right Side Collision Sensor
GB-075	/1	Ground
B-076	W/2	Rear Right Doorsill Light



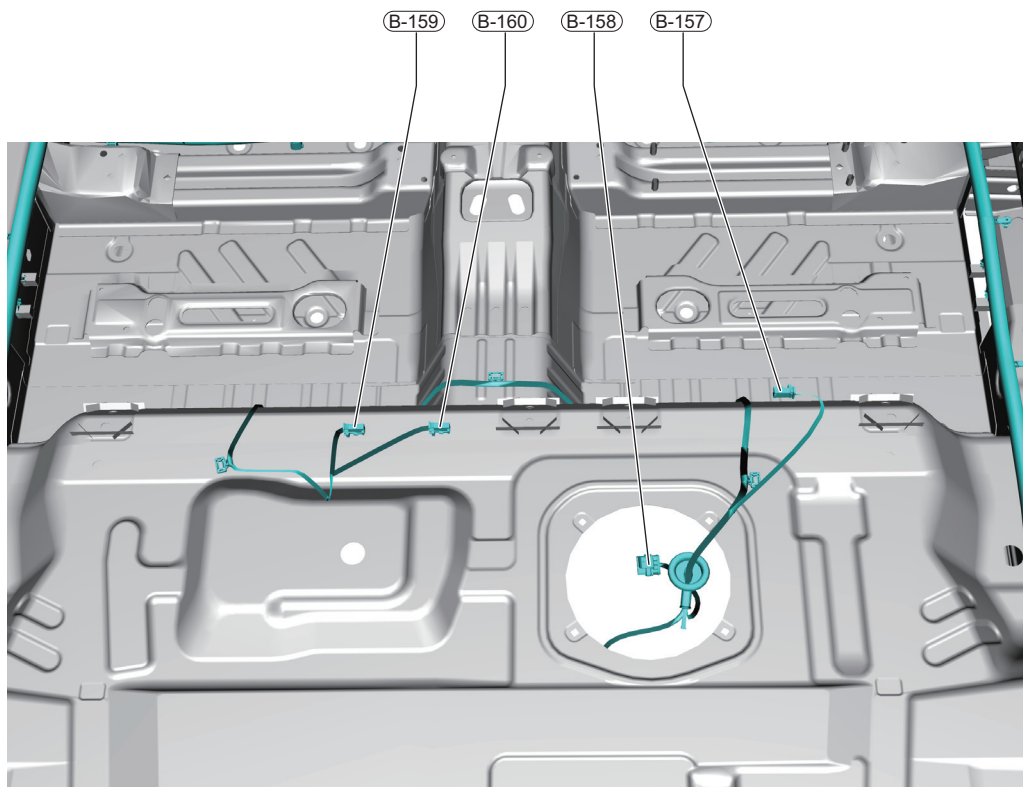
WHE018001

Connector Number	Connector Color/Pin	Connector Name
B-018	W/40	PEPS
B-019	/1	Front Right Door 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-058	/1	AM/FM Antenna (Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface)
B-059	/1	AVM Video Line (Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface)
B-060	/1	Front Right Door HD Camera
B-061	W/26	Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface (Right Side)



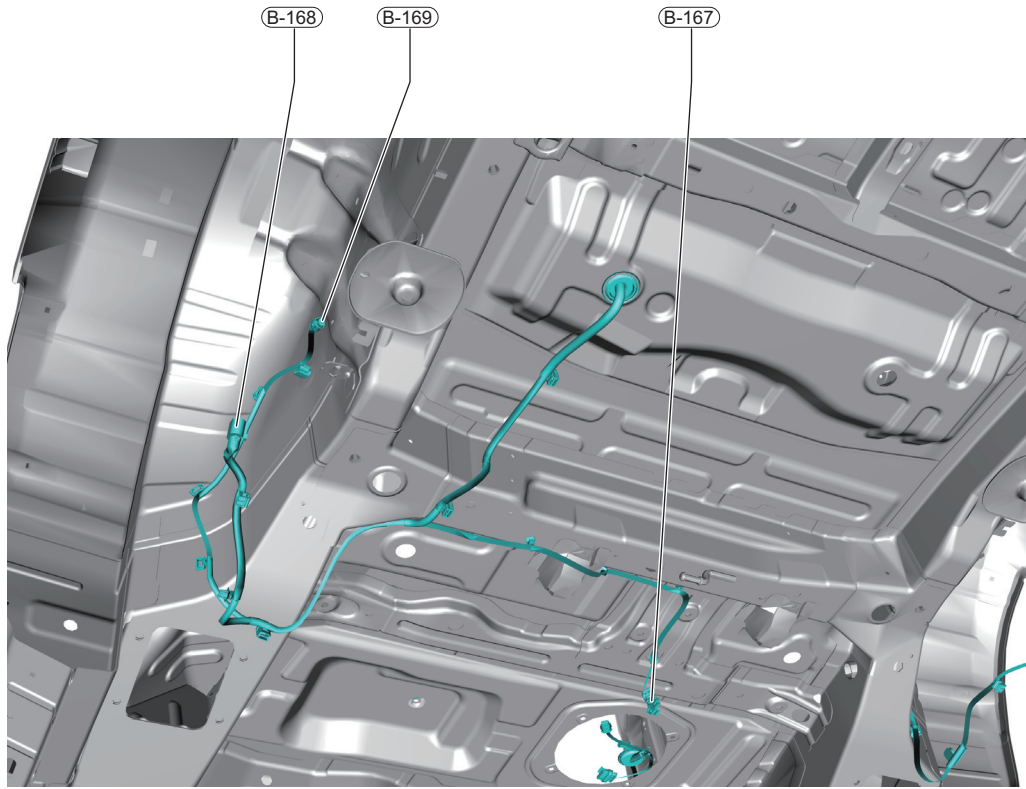
Connector Number	Connector Color/Pin	Connector Name
B-065	W/8	Panoramic View Monitor Control Module
B-066	W/32	Panoramic View Monitor Control Module (With APA)
B-067	/1	DMC Video Line(AVM-C)
B-068	/1	Left Side HD Camera (AVM-H)
B-069	/1	Rear HD Camera (AVM-B)
B-070	/1	Right Side HD Camera(AVM-K)
B-071	/1	Front HD Camera(AVM-D)
B-096	B/20	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-099	W/2	USB Charging Module
B-100	B/24	Airbag Control Module B
B-101	B/32	Airbag Control Module A
GB-102	/1	Ground
GB-103	/1	Ground

Connector Number	Connector Color/Pin	Connector Name
GB-104	/1	Ground
B-105	W/40	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)
B-106	/1	High Speed Data Transmission Line (TGW)
B-107	W/2	PEPS Antenna (Instrument Cluster)
B-108	Y/1	4G Antenna-B
B-109	R/1	GPS Antenna-C
B-110	L/1	4G Main Antenna-A
B-111	B/1	High Speed Data Transmission Line (TGW)-D
B-112	W/40	Remote Communication Gateway
B-113	B/20	Interior Floor Wire Harness to Driver Seat Wire Harness Connector



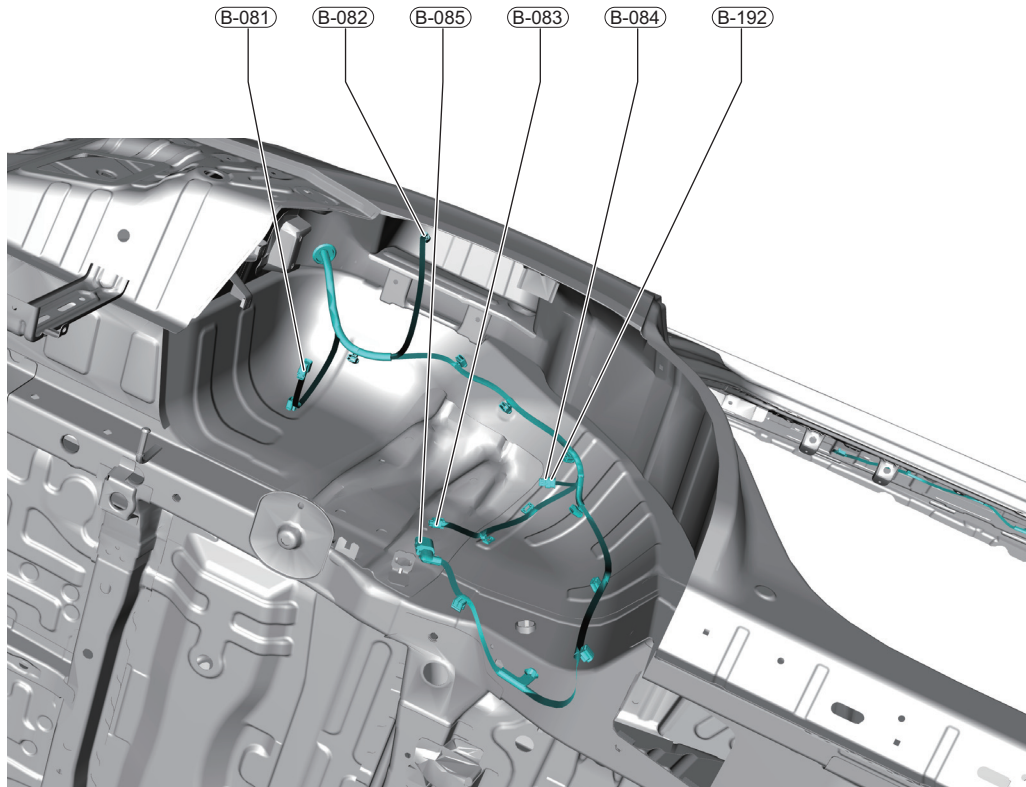
WHE020001

Connector Number	Connector Color/Pin	Connector Name
B-157	W/2	Second Row Right Seat Belt Buckle
B-158	B/4	Fuel Pump
B-159	W/2	Second Row Left Seat Belt Buckle
B-160	Gr/2	Second Row Middle Seat Belt Buckle



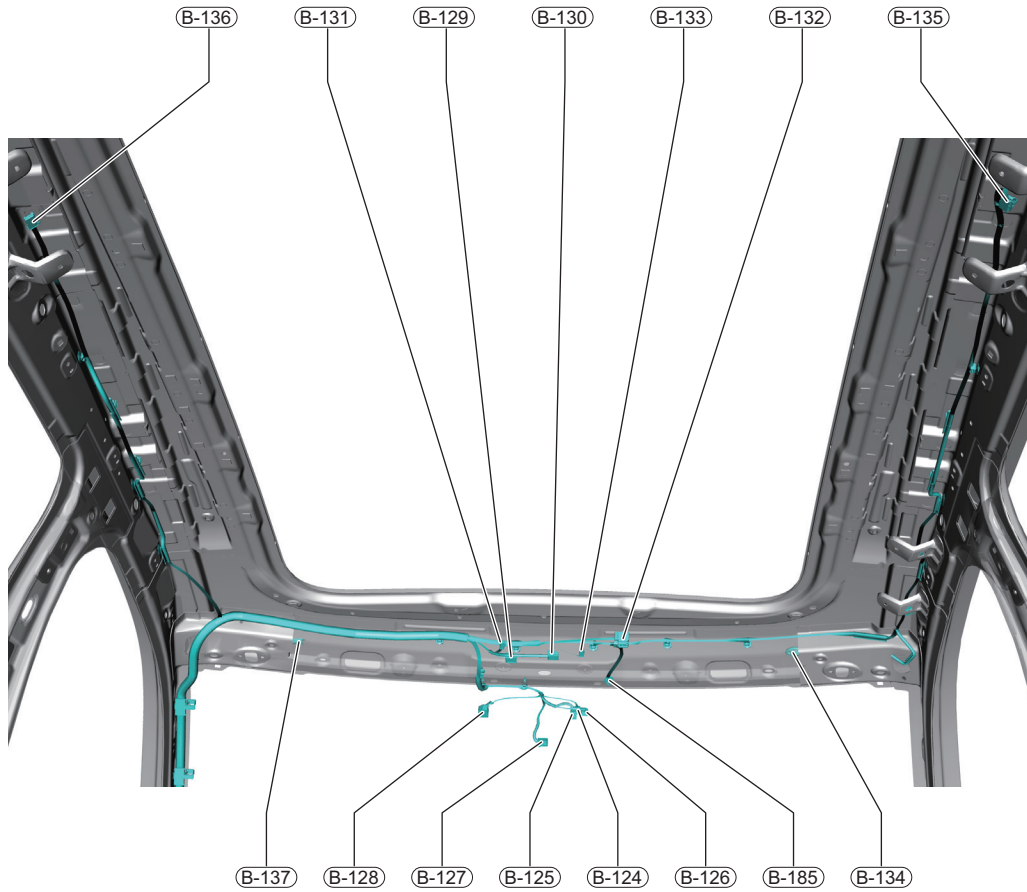
WHE021001

Connector Number	Connector Color/Pin	Connector Name
B-167	B/2	4WD Coupler
B-168	B/2	Rear Left Brake Caliper
B-169	B/2	Rear Left Wheel Speed Sensor



WHE022001

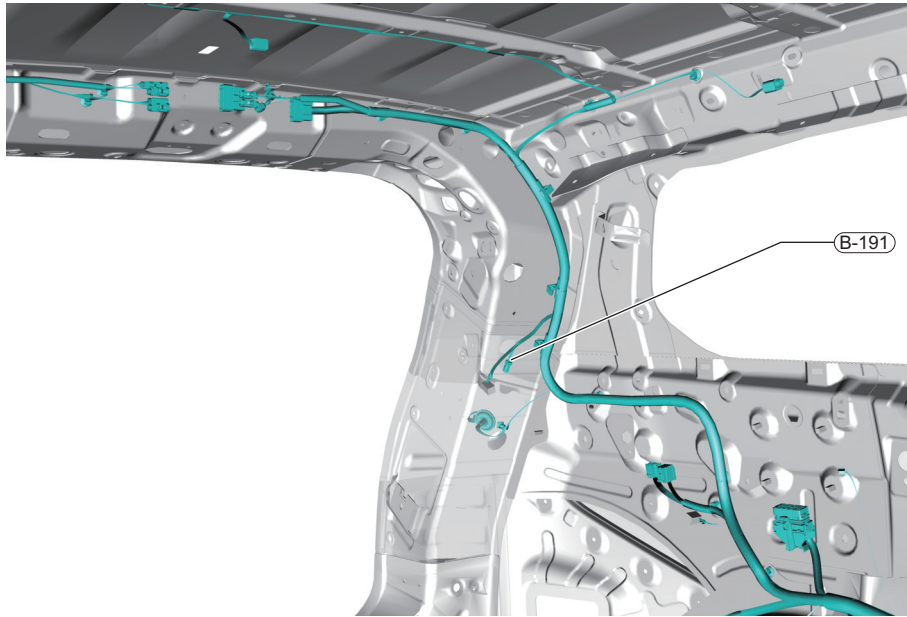
Connector Number	Connector Color/Pin	Connector Name
B-081	B/2	Canister Ventilation Valve
B-082	B/2	Fuel Filler Door Lock
B-083	B/2	Rear Left Wheel Speed Sensor
B-084	B/3	Fuel Tank Pressure Sensor
B-085	B/2	Rear Right Brake Caliper
B-192	B/3	Fuel Tank Pressure Sensor



WHE023001

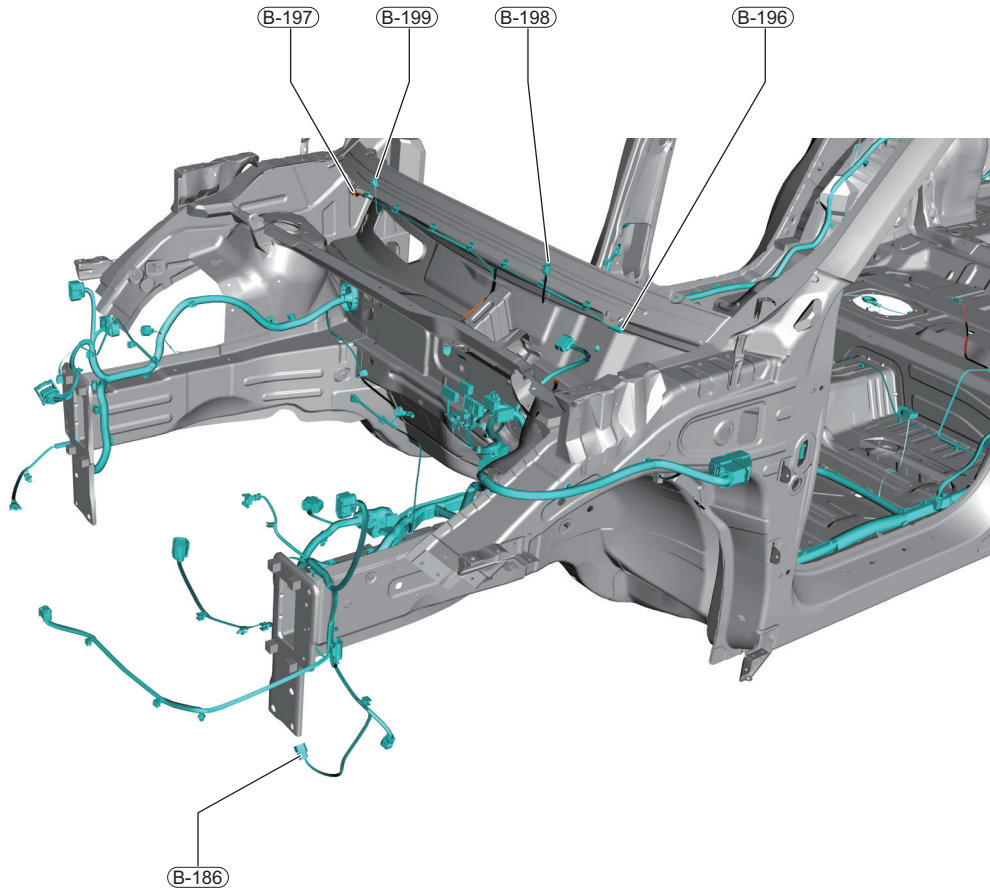
Connector Number	Connector Color/Pin	Connector Name
B-124	/1	Drive Recorder-B
B-125	W/8	Drive Recorder-A
B-126	B/3	Solar/Rain Sensor
B-127	W/6	Inside Rear View Mirror
B-128	W/12	Front Camera Module
B-129	W/10	Sliding Roof Switch
B-130	W/6	SOS Switch
B-131	W/2	Left Microphone
B-132	W/10	Interior Floor Wire Harness to Sliding Roof Wire Harness Connector
B-133	W/2	Right Microphone
B-134	W/2	Right Sun Visor Lighting
B-135	B/4	Right Map Light
B-136	B/4	Left Map Light
B-137	W/2	Left Sun Visor Lighting
B-185	B/4	ETC

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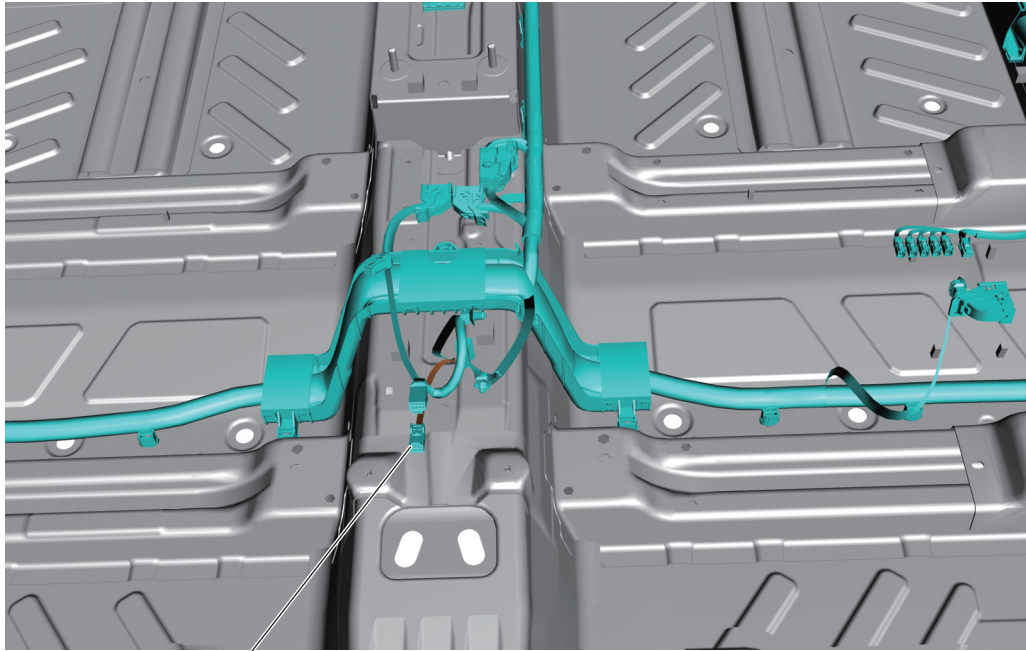
WHE023002

Connector Number	Connector Color/Pin	Connector Name
B-191	B/10	PLG Spindle



WHE023003

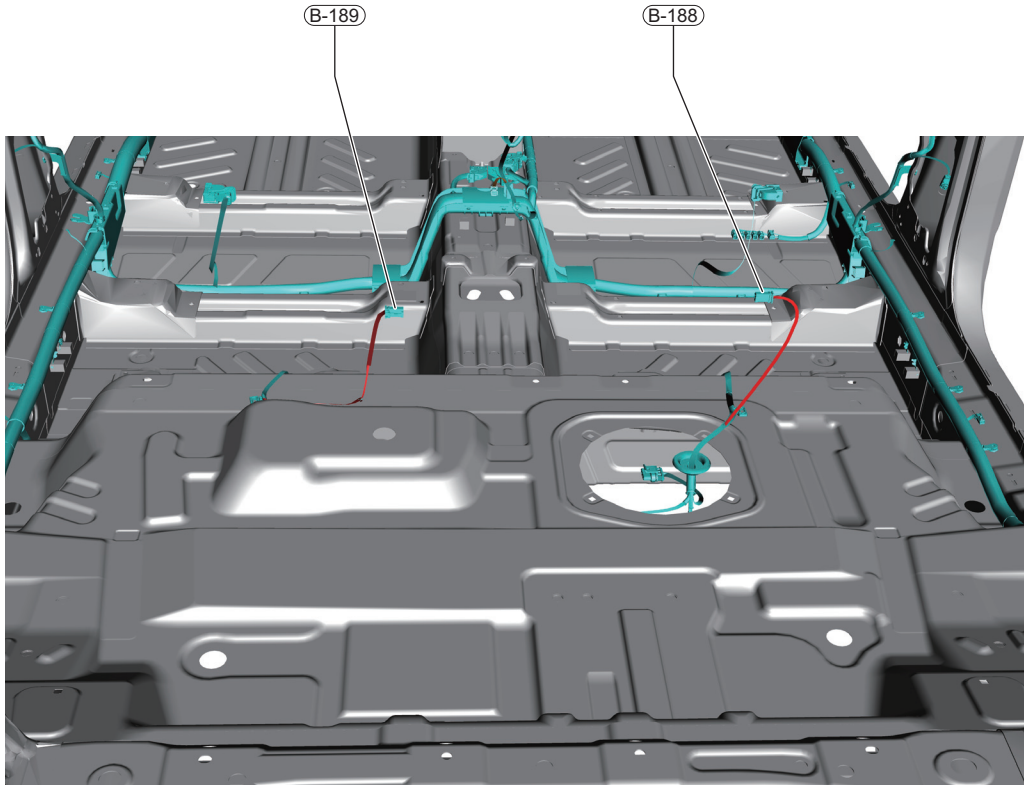
Connector Number	Connector Color/Pin	Connector Name
B-186	B/2	Washer Level Sensor
B-196	B/1	FRONT Heating Windshield 1
B-197	B/1	FRONT Heating Windshield 2
B-198	B/2	Heating Nozzle L
B-199	B/2	Heating Nozzle R



B-187

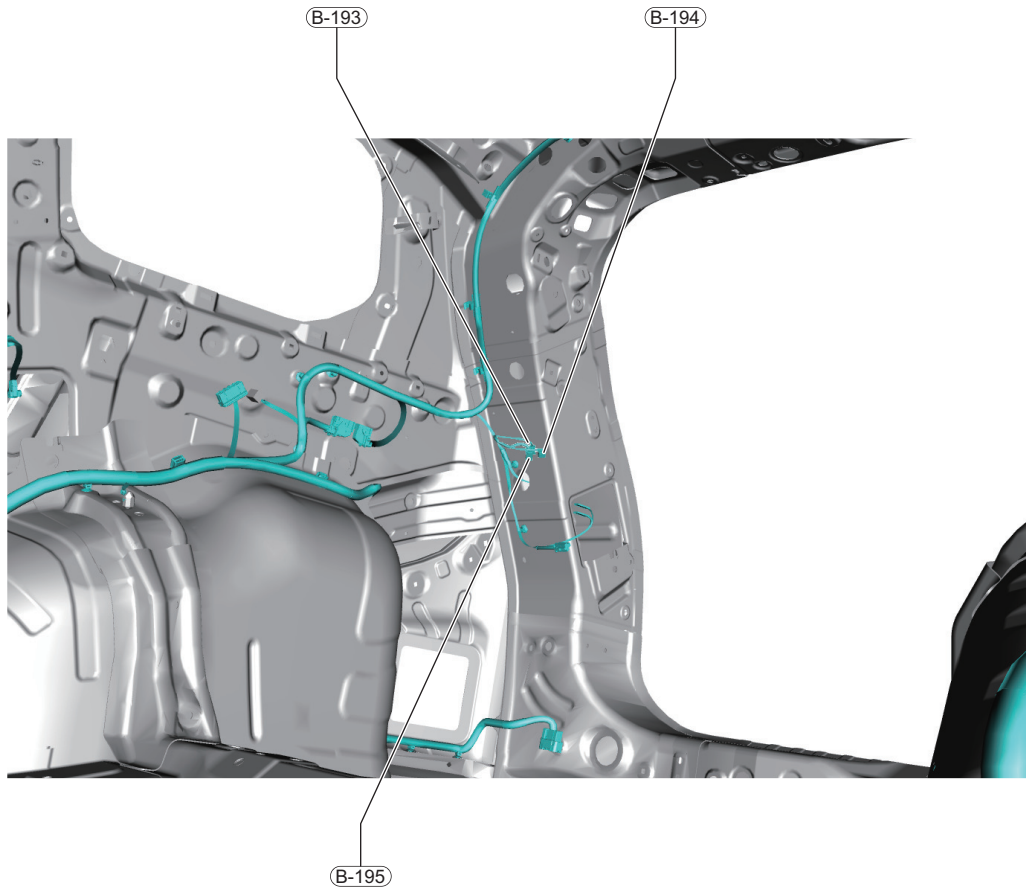
WHE023004

Connector Number	Connector Color/Pin	Connector Name
B-187	W/10	SEAT ROW2 HEATING SW



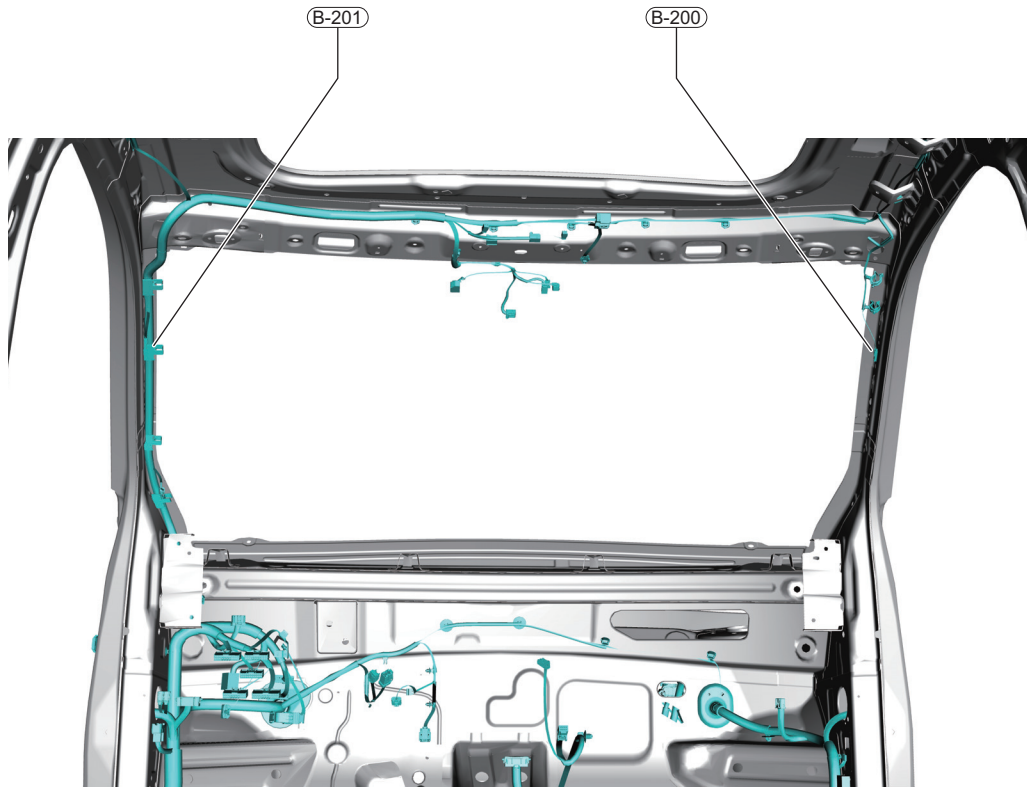
WHE023005

Connector Number	Connector Color/Pin	Connector Name
B-188	W/8	REAR SEAT HEATING RH 40
B-189	W/12	Rear Seat Heating LH60



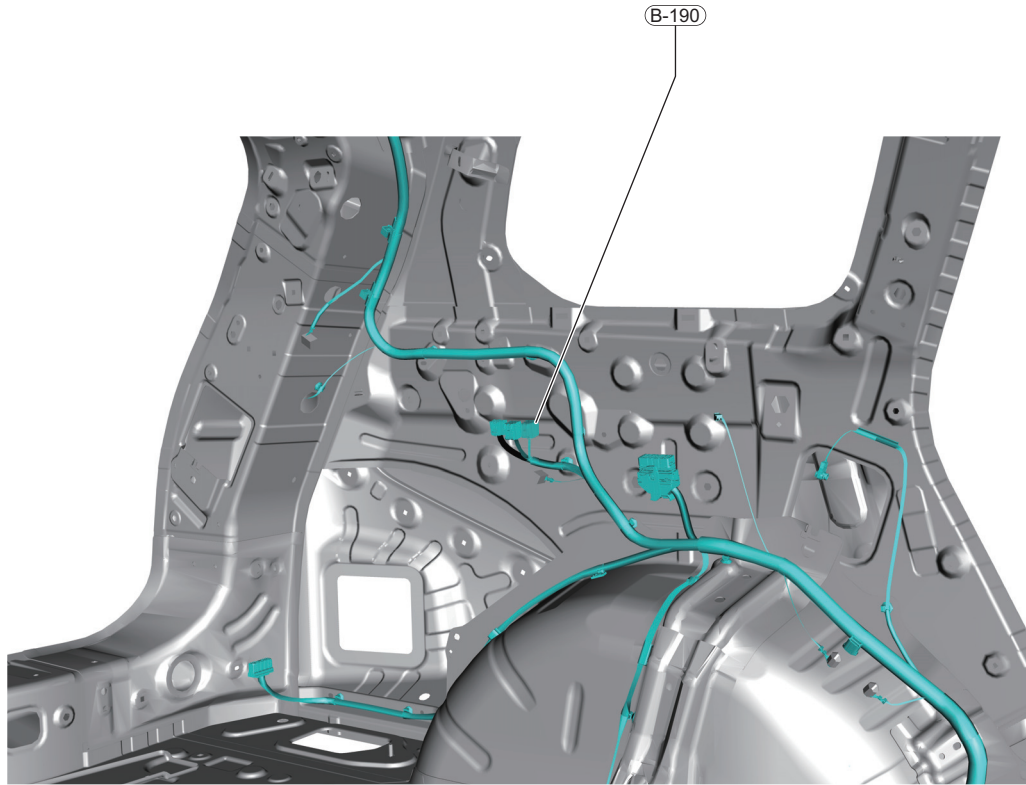
WHE023006

Connector Number	Connector Color/Pin	Connector Name
B-193	B/4	Amplifier
B-194	B/12	Amplifier-A
B-195	B/20	Amplifier-B



WHE023007

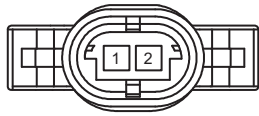
Connector Number	Connector Color/Pin	Connector Name
B-200	B/1	FRONT Heating Windshield 2
B-201	B/1	FRONT Heating Windshield 1



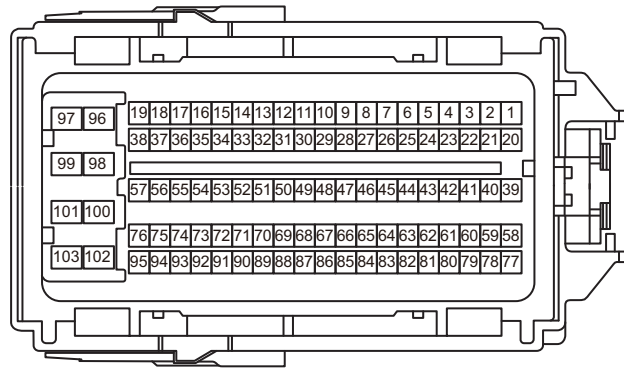
WHE023008

Connector Number	Connector Color/Pin	Connector Name
B-190	B/14	PLG ECU 3

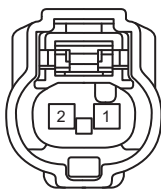
Interior Wire Harness Connector List



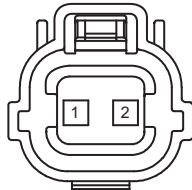
(B-002)
B Ambient Temperature Sensor



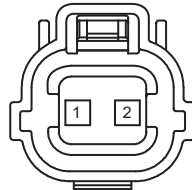
(B-003)
B
ECU-A



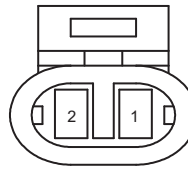
(B-004)
B Front Right
Collision Sensor



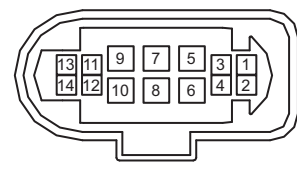
(B-005)
Gr Low Pitched Horn



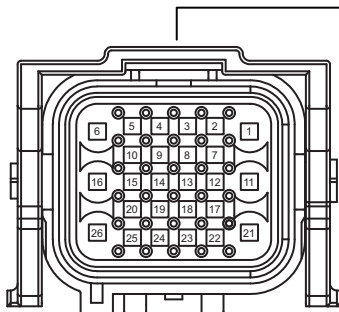
(B-006)
Gr High
Pitched Horn



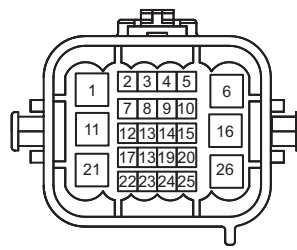
(B-007)
W Front Compartment
Contact Switch



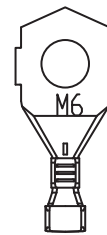
(B-009)
B Front Right
Headlight Assembly



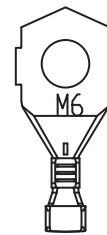
(B-008)
B Interior Floor Wire
Harness to Front Bumper Wire
Harness



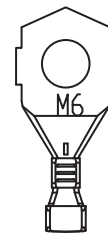
(Q-017)
B Front Bumper Wire Harness to
Interior Floor Wire Harness Interface



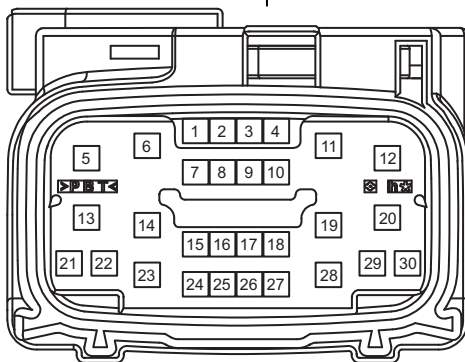
(GB-012)
Ground



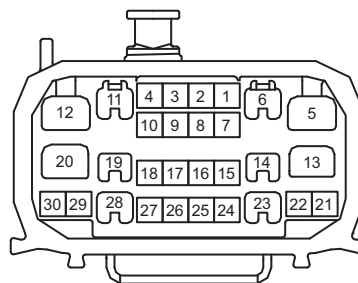
(GB-013)
Ground



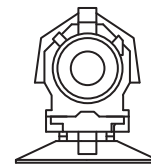
(GB-014)
Ground



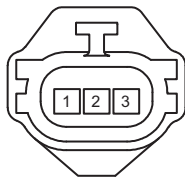
(B-011)
B Interior Floor Wire Harness to
Engine Wire Harness



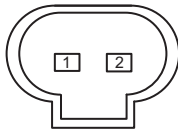
(E-019)
B Engine Wire Harness to
Interior Floor Wire Harness



(B-010)
Front HD Camera Interface



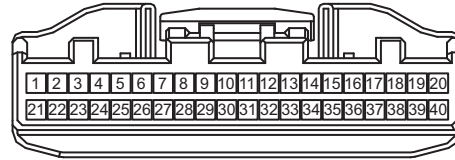
(B-015)
B A/C Pressure Sensor



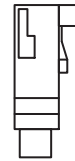
(B-016)
B Front Right Wheel Speed Sensor



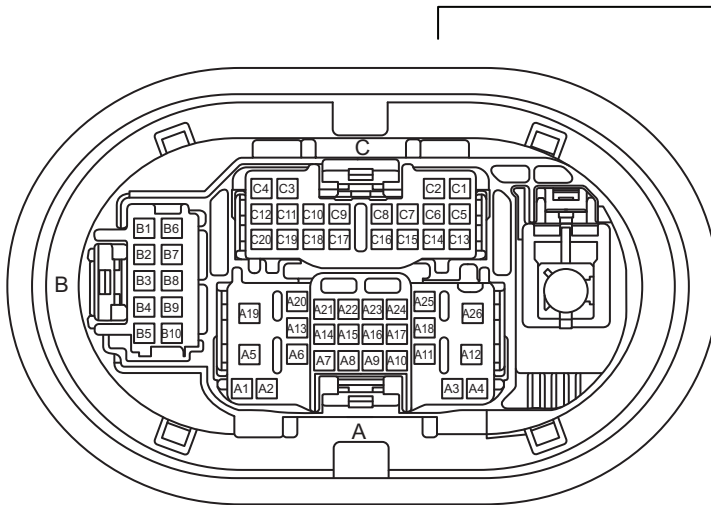
(B-017)
B Low Pressure Fuel Pressure Sensor



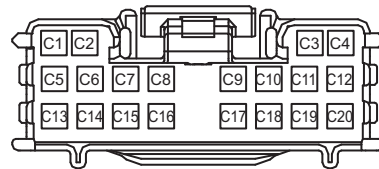
(B-018)
W PEPS



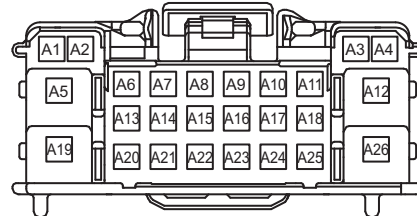
(B-019)
Front Right Door HD Camera Interface



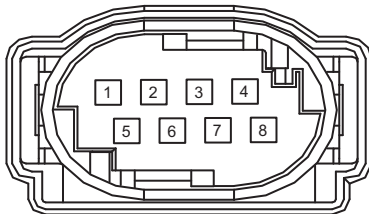
(H-001)
W Front Right Door Wire Harness to Interior Floor Wire Harness



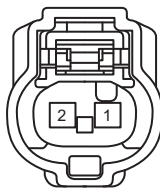
(B-021)
W Interior Floor Wire Harness to Front Right Door Wire Harness



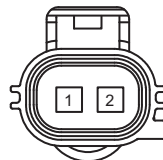
(B-020)
W Interior Floor Wire Harness to Front Right Door Wire Harness



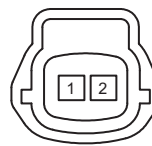
(B-022)
B Front Radar Module



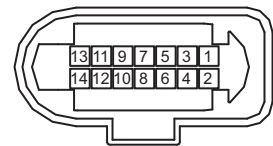
(B-023)
B Front Left Collision Sensor



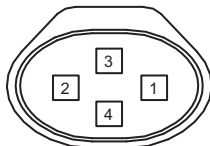
(B-024)
B Electric Vacuum Pump



(B-025)
B Front Washer Pump



(B-026)
B Front Left Headlight Assembly



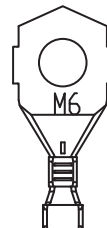
(B-027)
B Cooling Fan



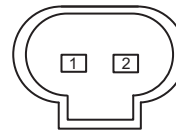
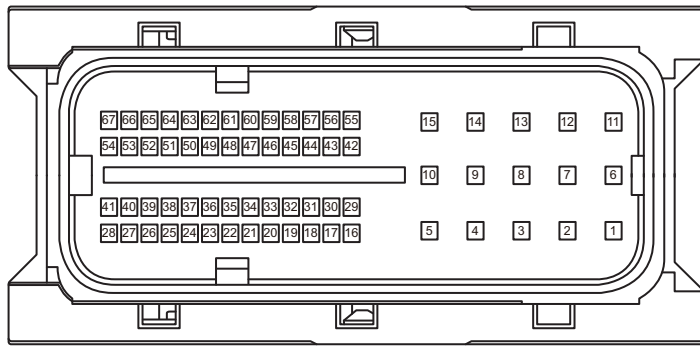
(B-028)
Battery Sensor Power Source



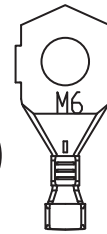
(B-029)
B Battery Sensor



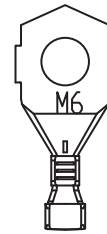
(GB-030)
Ground



(B-033)
B Front Left
Wheel Speed Sensor

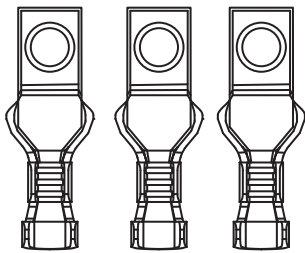


(GB-034)
Ground



(GB-035)
Ground

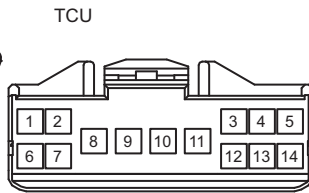
(B-031)
B



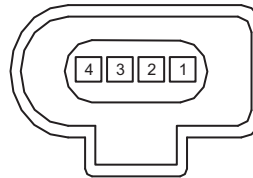
(B-036)
EPS
Power
Source

(B-037)
Cooling
Fan Power
Source

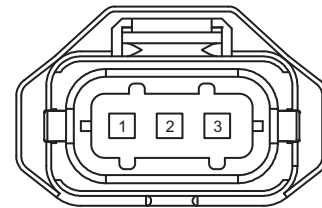
(B-038)
Instrument
Panel Fuse
and Relay
Box Power
Source



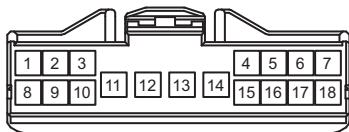
(B-039)
W Engine
Compartment
Fuse Box A



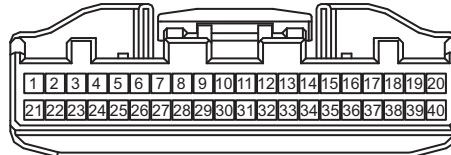
(B-040)
B Front Wiper Motor



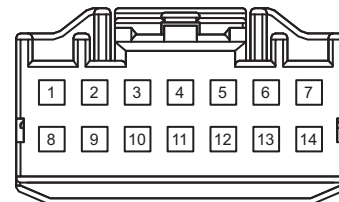
(B-041)
B Brake Vacuum Pressure Sensor



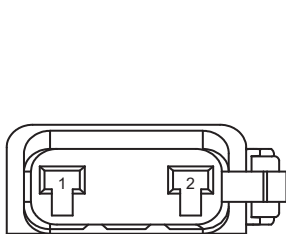
(B-042)
W Engine Compartment Fuse Box B



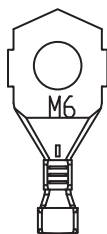
(B-043)
W Engine Compartment Fuse Box F



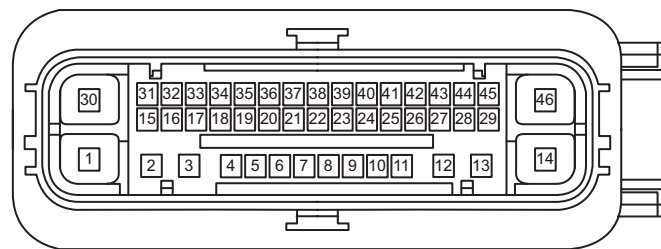
(B-044)
W Engine Compartment Fuse Box C



(B-045)
Gr Brake Fluid Level Sensor



(GB-046)
Ground



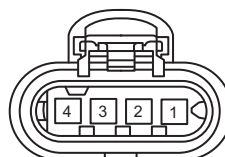
(B-047)
B ESP Module



(B-048)
B GPF
Temperature Sensor



(B-049)
B Rear Oxygen Sensor

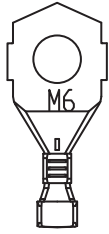


(B-050)
B GPF Pressure Sensor

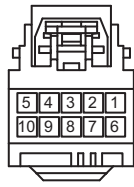


(B-051)
B TCU Temporary
Calibration Interface

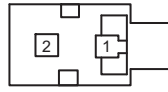
EPU010001



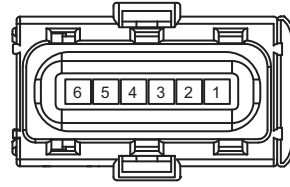
(GB-053)
Ground



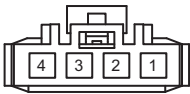
(B-054)
B
EPS-S



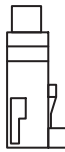
(B-055)
B
EPS-P



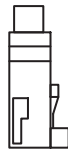
(B-056)
B Electronic Accelerator Pedal



(B-057)
W Brake Switch



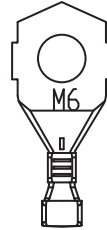
(B-058)
AM/FM Antenna



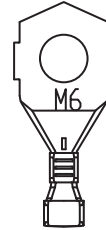
(B-059)
AVM Video
Wire



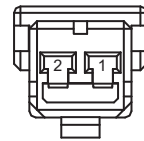
(B-060)
Front Right
Door HD Camera



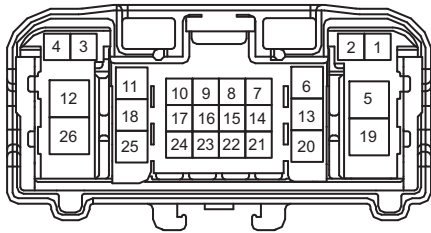
(GB-062)
Ground



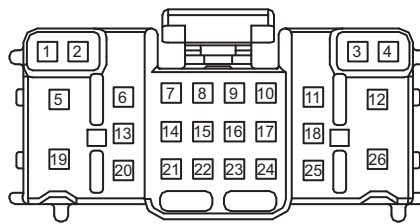
(GB-063)
Ground



(B-064)
W Front Right
Rocker Light



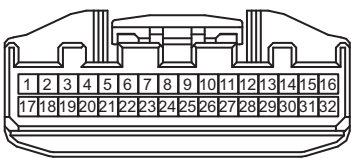
(B-061)
W Interior Floor Wire Harness to
Instrument Panel Wire Harness



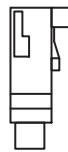
(I-018)
W Instrument Panel Wire Harness to I
nterior Floor Wire Harness



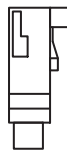
(B-065)
W Panoramic View Control Module



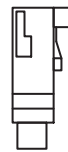
(B-066)
W Panoramic View Control
Module (With APA)



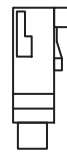
(B-067)
DMC Video
Wire (AVM-C)



(B-068)
Left HD
Camera
(AVM-H)



(B-069)
Rear HD
Camera
(AVM-B)



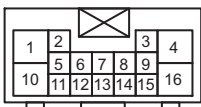
(B-070)
Right HD
Camera
(AVM-K)



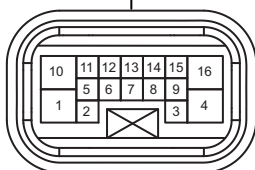
(B-071)
Front HD
Camera
(AVM-D)



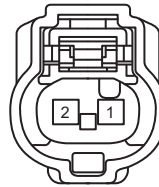
(B-072)
Y Front Right
Pretensioner



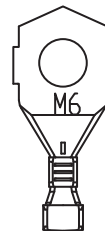
(B-073)
W Interior Floor Wire Harness to
Rear Right Door Wire Harness



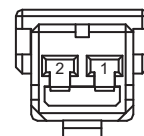
(R-001)
W Rear Right Door Wire
Harness to Interior Floor Wire Harness



(B-074)
B Right Side Collision Sensor



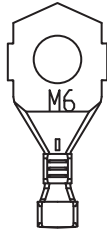
(GB-075)
Ground



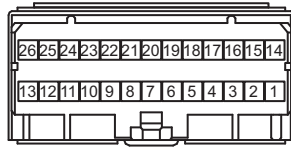
(B-076)
W Rear Right Rocker Light



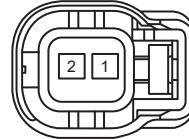
(B-077)
Y Rear Right Pretensioner



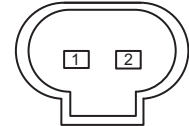
(GB-078)
Ground



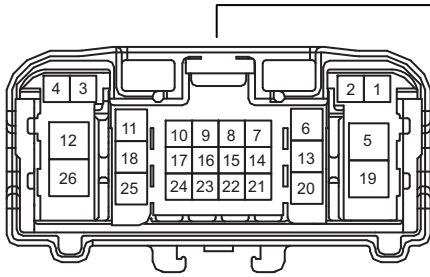
(B-079)
B 4WD Controller



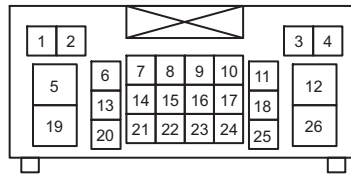
(B-081)
B Canister Vent Valve



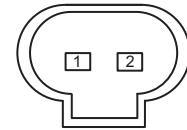
(B-082)
B Fuel Filler Door Lock



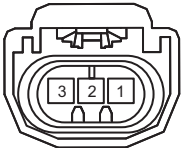
(B-080)
B Interior Floor Wire Harness to Rear Bumper Wire Harness



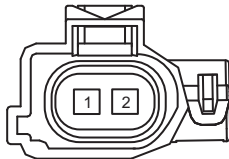
(J-001)
B Rear Bumper Wire Harness to Interior Floor Wire Harness



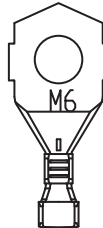
(B-083)
B Rear Left Wheel Speed Sensor



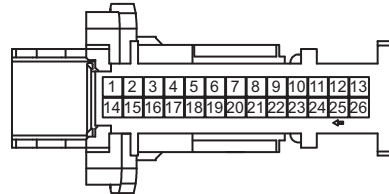
(B-084)
B Tank Pressure Sensor



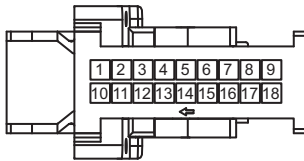
(B-085)
B Rear Right Brake Caliper



(GB-086)
Ground



(B-087)
Y



(B-088)
B PDC-J2



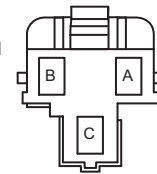
(B-089)
B Rear Right Combination Light (Body Part)



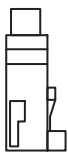
(B-090)
W Luggage Compartment Light



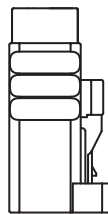
(B-091)
W Luggage Compartment Light Ground



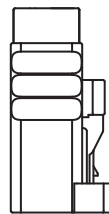
(B-092)
B 12 V Power Supply Outlet



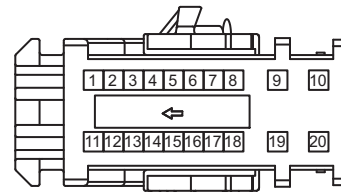
(B-093)
AM/FM Antenna



(B-094)
4G Main Antenna

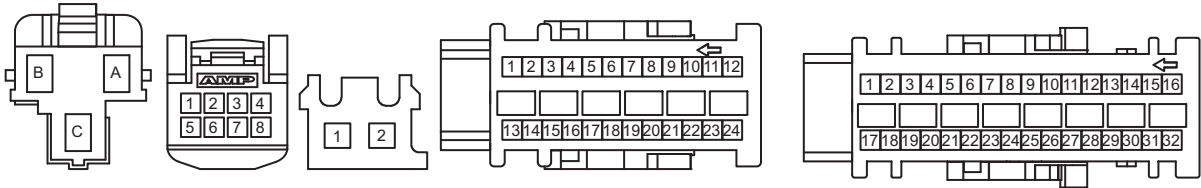


(B-095)
GPS Antenna

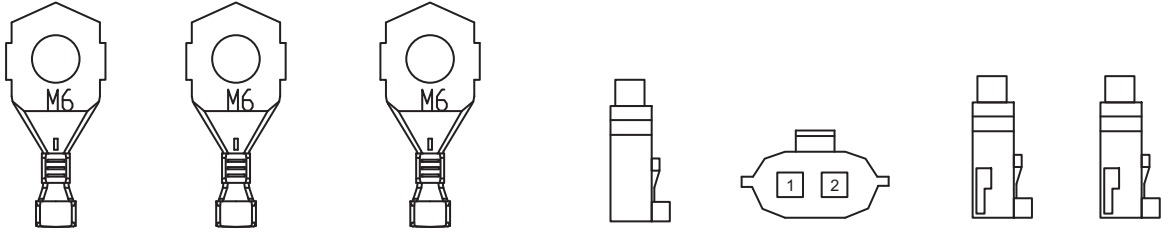


(B-096)
B Interior Floor Wire Harness to Front Passenger Seat Wire Harness

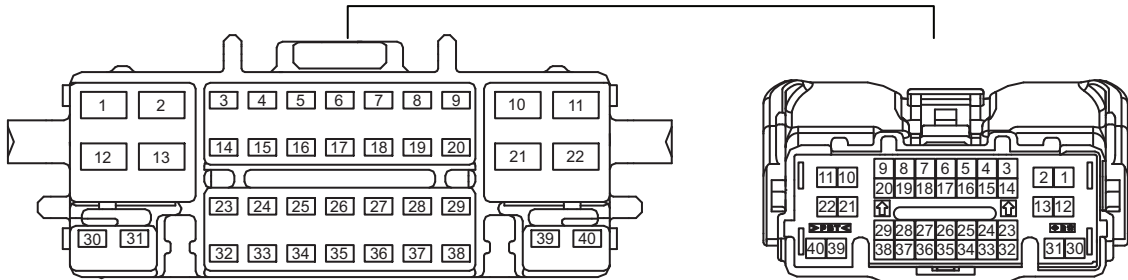
PDC-J1



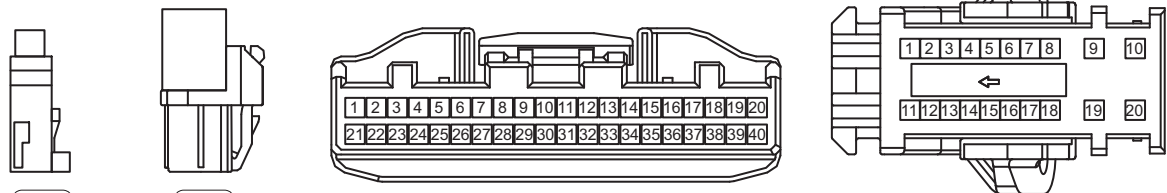
(B-097) W Cigarette Lighter (B-098) W Rear A/C Control Panel (B-099) W USB Charging Module (B-100) B Airbag Control Module B (B-101) B Airbag Control Module A



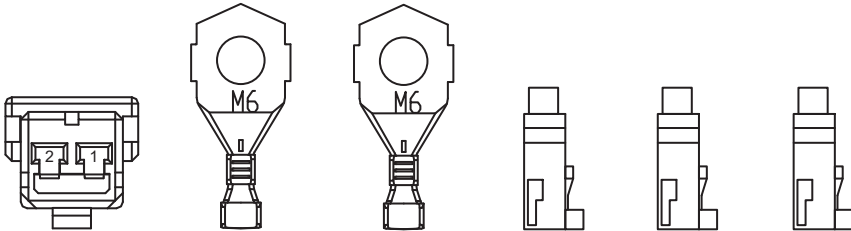
(GB-102) Ground (GB-103) Ground (GB-104) Ground (B-106) High Speed Data Transmission Line (TGW) (B-107) W PEPS Antenna (B-108) Y 4G Antenna-B (B-109) R GPS Antenna-C



(B-105) W Interior Floor Wire Harness to Instrument Panel Wire Harness (I-001) W Instrument Panel Wire Harness to Interior Floor Wire Harness

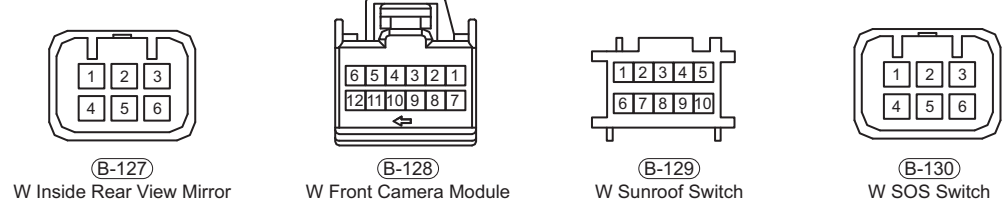
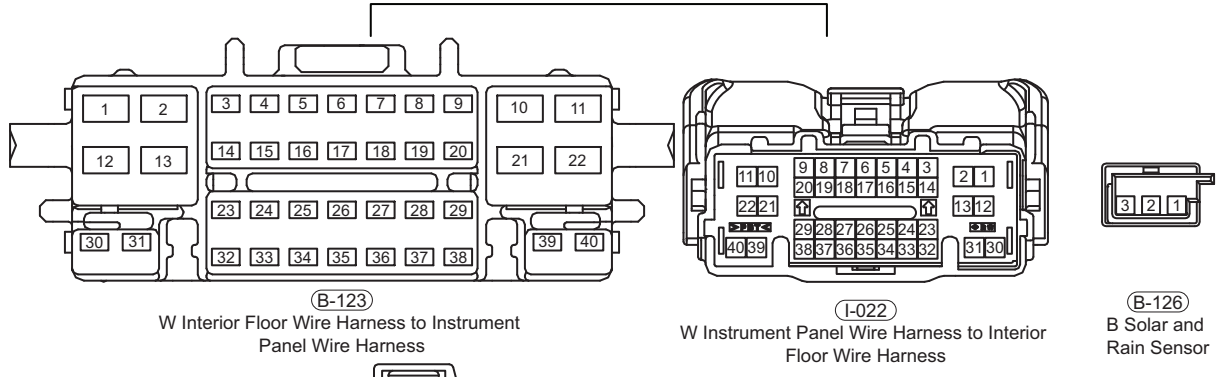
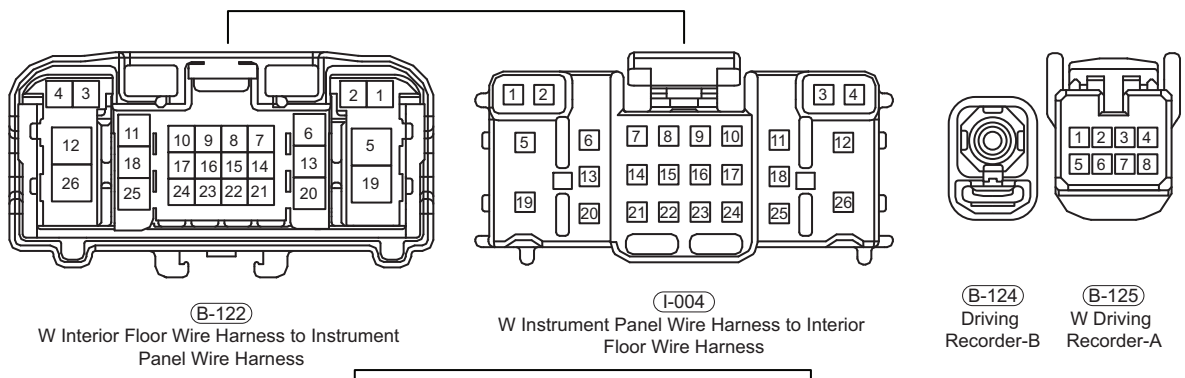
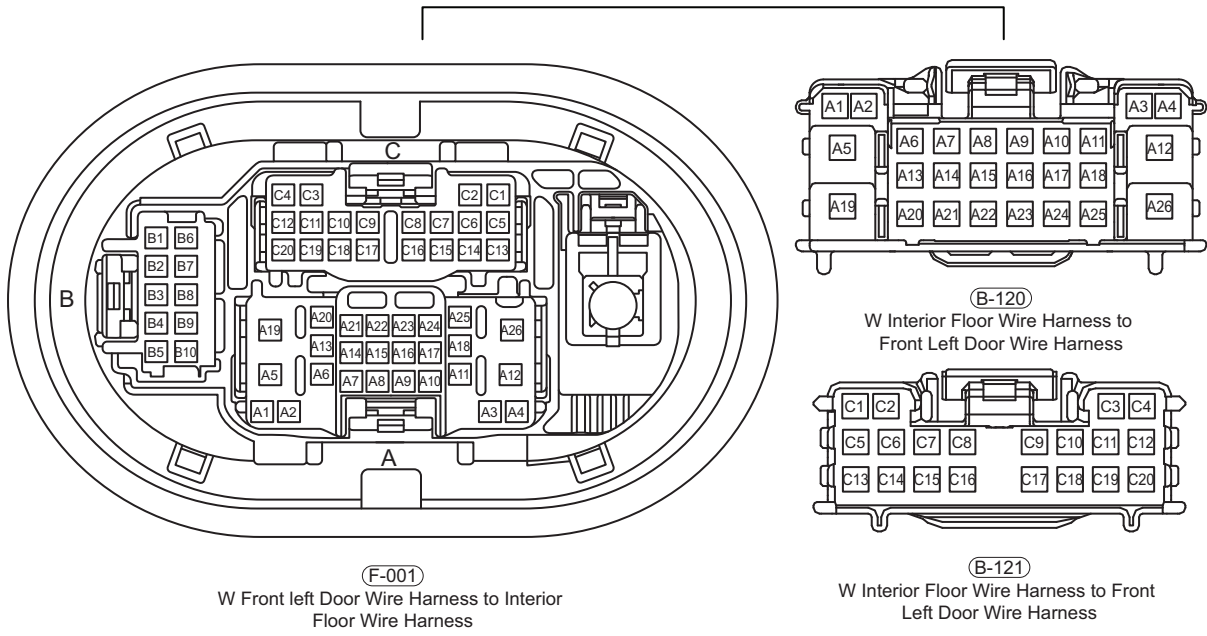


(B-110) L 4G Main Antenna-A (B-111) B High Speed Data Transmission Wire (TGW)-D (B-112) W Remote Communication Gateway (B-113) B Interior Floor Wire Harness to Driver Seat Wire Harness

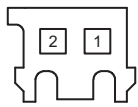


(B-114) W Front Left Rocker Light (GB-115) Ground (GB-116) Ground (B-117) Face Recognition Camera (B-118) Driving Recorder (B-119) Left HD Camera

EPU013001



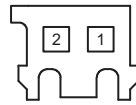
EPU014001



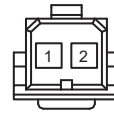
(B-131)
W
Left Microphone



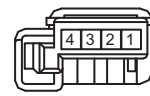
(B-132)
W
Interior Floor Wire
Harness to Sunroof Wire Harness



(B-133)
W
Right Microphone



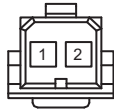
(B-134)
W
Right Visor Lighting



(B-135)
B
Right Map Light



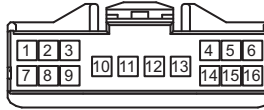
(B-136)
B
Left Map
Light



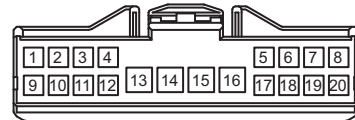
(B-137)
W
Left Visor
Lighting



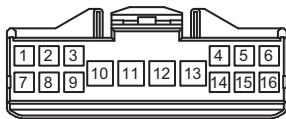
(B-138)
Face Recognition
Camera



(B-139)
W
Instrument
Panel Fuse Box C2



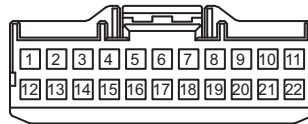
(B-140)
W
Instrument
Panel Fuse Box C4



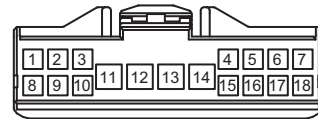
(B-141)
B
Instrument Panel
Fuse Box C5



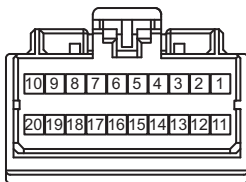
(B-142)
Instrument Panel Fuse Box
Power Source



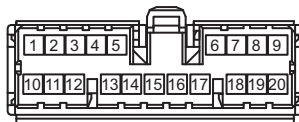
(B-143)
W
Instrument
Panel Fuse Box C1



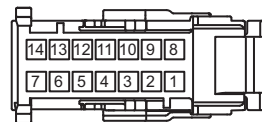
(B-144)
W
Instrument Panel
Fuse Box C3



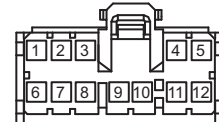
(B-145)
B
Vehicle Gateway Module



(B-146)
W
BCM 5

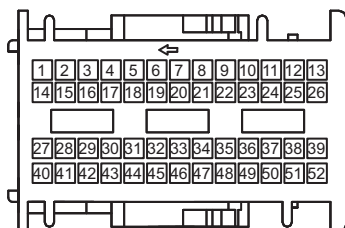


(B-147)
B
BCM 3

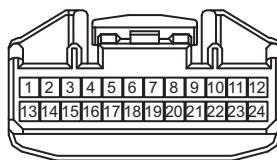


(B-148)
W
BCM 4

10



(B-149)
B
BCM 1

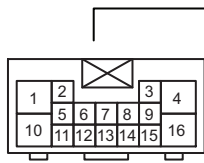


(B-150)
W
BCM 2

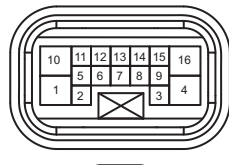


(B-151)
Y
Front left Pretensioner

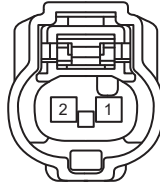
EPU015001



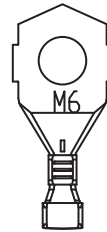
(B-152)
W
Interior Floor Wire
Harness to Rear Left
Door Wire Harness



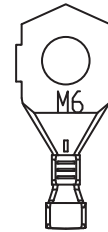
(L-001)
W
Rear Left Door
Wire Harness to Interior
Floor Wire Harness



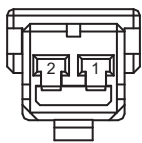
(B-153)
B
Left Side Collision Sensor



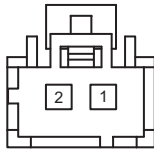
(GB-154)
Ground



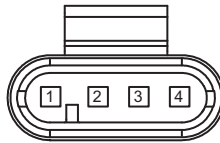
(GB-155)
Ground



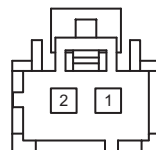
(B-156)
W
Rear Left
Rocker Light



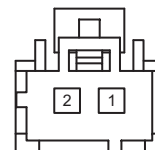
(B-157)
W
The Second Row
Right Seat Belt Buckle



(B-158)
B
Fuel Pump



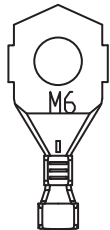
(B-159)
W
The Second
Row Left Seat Belt
Buckle



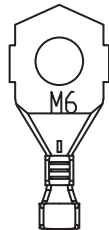
(B-160)
Gr
The Second Row
Center Seat Belt
Buckle



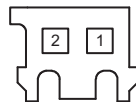
(B-161)
Y
Rear Left
Pretensioner



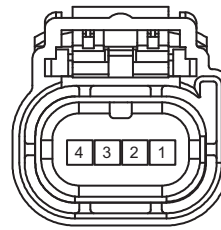
(GB-162)
Ground



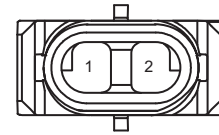
(GB-163)
Ground



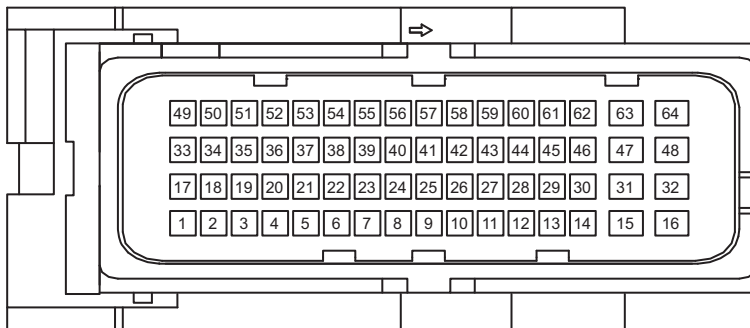
(B-164)
W
USB Charging Module



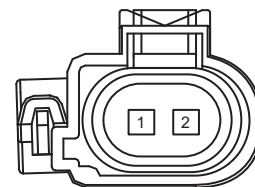
(B-166)
B
PEPS Antenna
(Second Row)



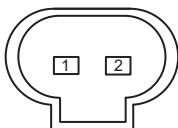
(B-167)
B
4WD Coupler



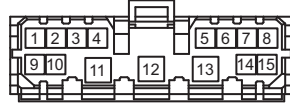
(B-165)
W
Fuel Pump Controller



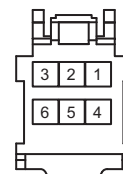
(B-168)
B
Rear Left Brake Caliper



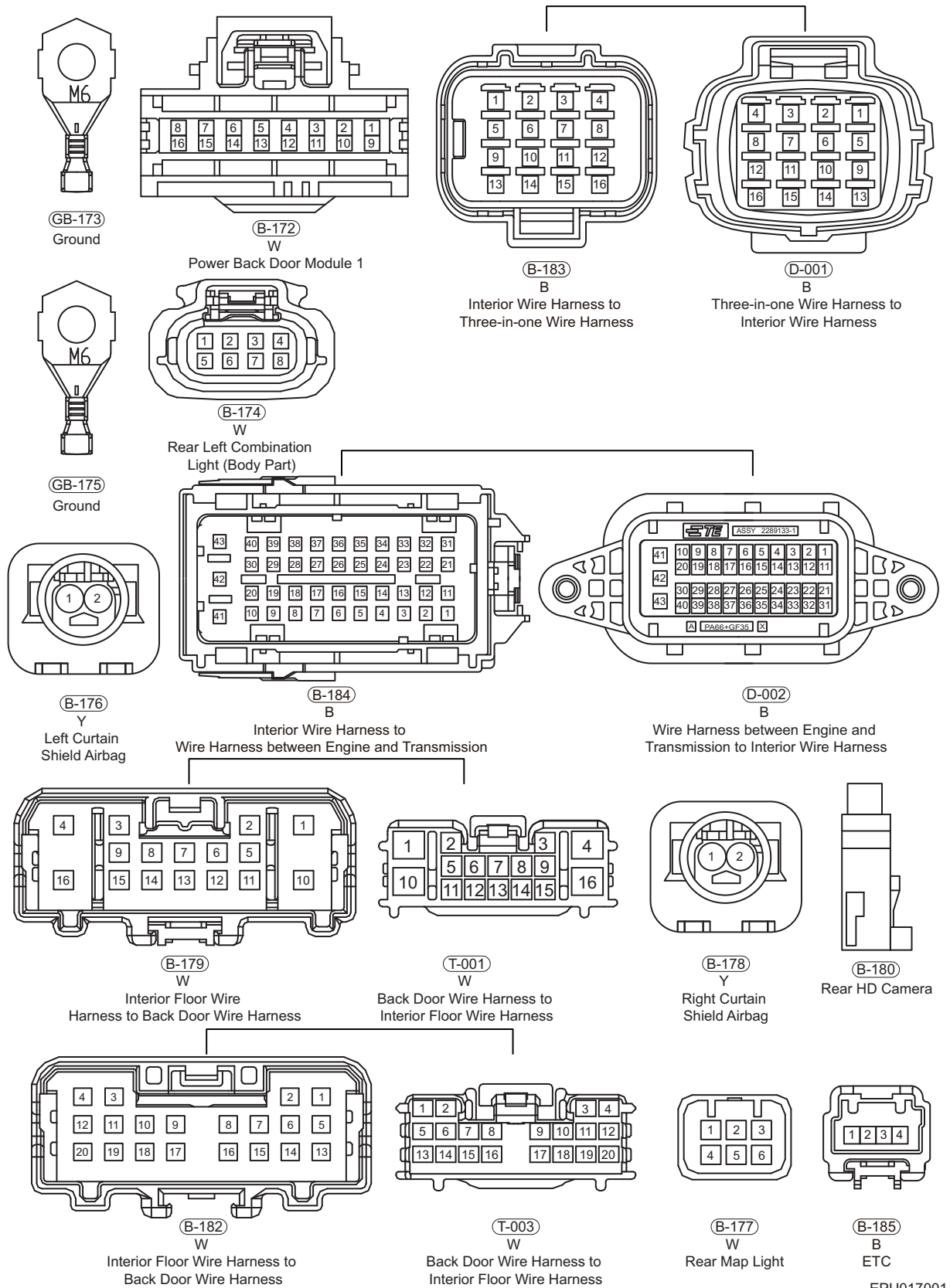
(B-169)
B
Rear Left Wheel
Speed Sensor



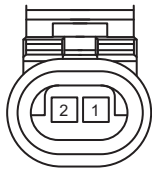
(B-170)
W
Interior Wire Harness
Interface to Rear A/C Wire Harness



(B-171)
W P
Power Back Door Module 2

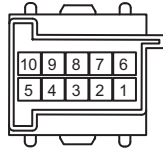


EPU017001



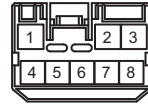
(B-186)
B

Washer Level Sensor



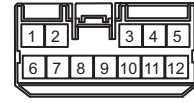
(B-187)
B

SEAT ROW2 HEATING SW



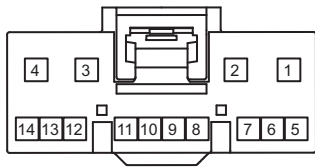
(B-188)
B

REAR SEAT HEATING RH 40



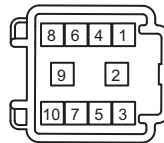
(B-189)
B

Rear Seat Heating LH60



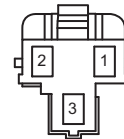
(B-190)
B

PLG ECU 3



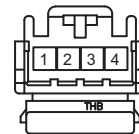
(B-191)
B

PLG Spindle



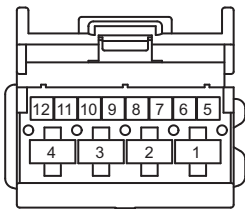
(B-192)
B

Fuel Tank Pressure Sensor



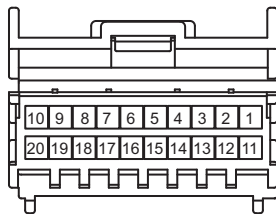
(B-193)
B

Amplifier



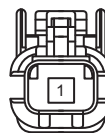
(B-194)
B

Amplifier-A



(B-195)
B

Amplifier-B



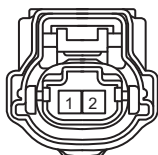
(B-196)
B

FRONT Heating Windshield 1



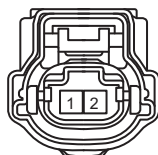
(B-197)
B

FRONT Heating Windshield 2



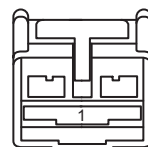
(B-198)
B

Heating Nozzle L



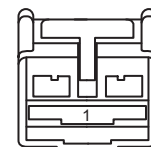
(B-199)
B

Heating Nozzle R



(B-200)
B

FRONT Heating Windshield 2

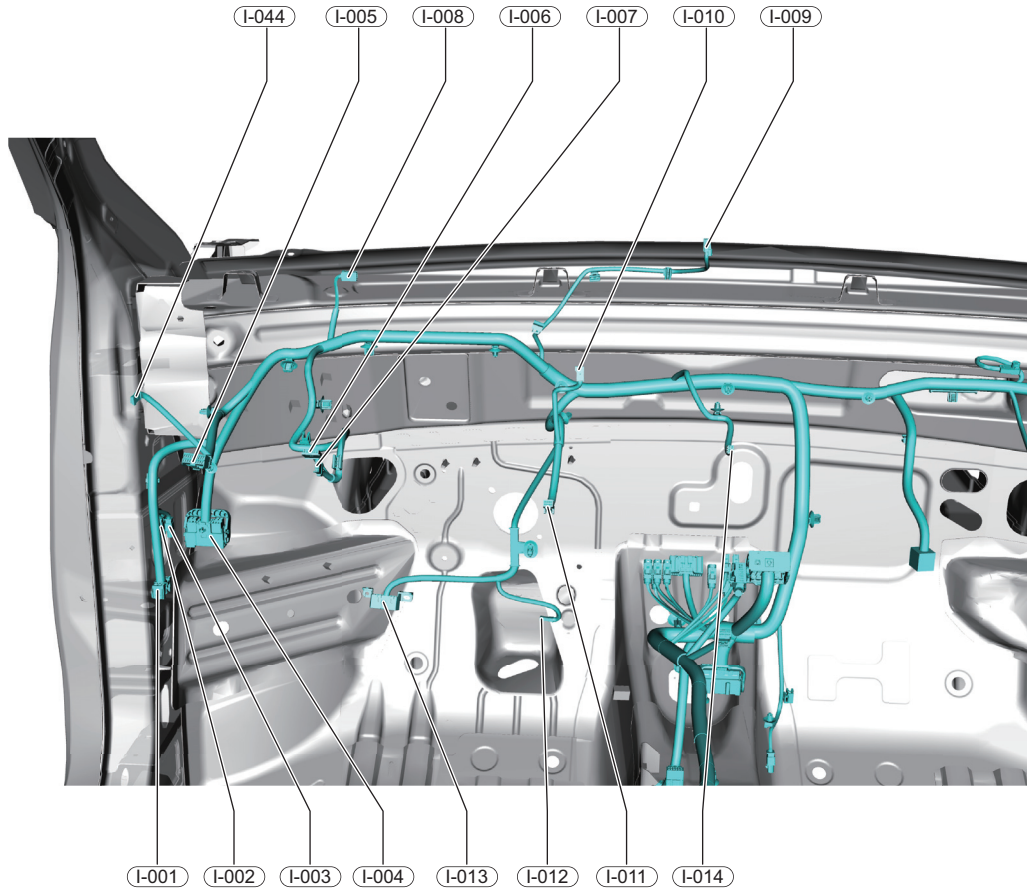


(B-201)
B

FRONT Heating Windshield 1

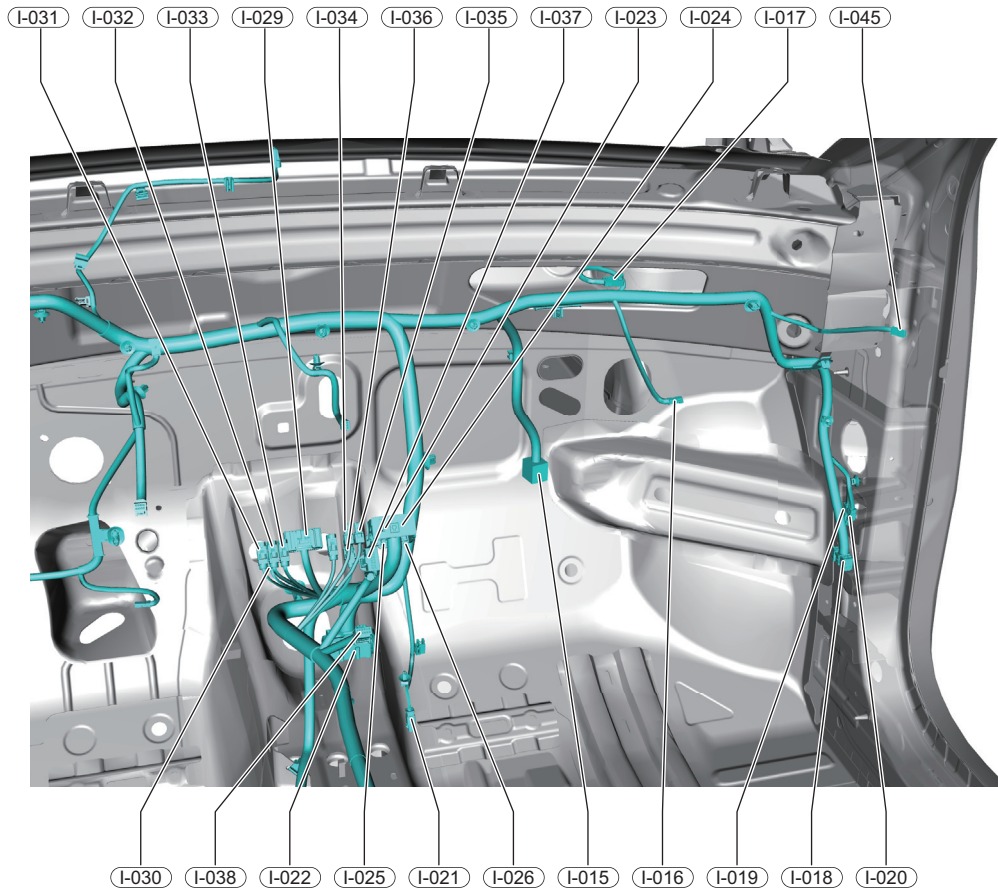
EPU017002

Instrument Cluster Wire Harness



WHE027001

Connector Number	Connector Color/Pin	Connector Name
I-001	W/40	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)
I-002	/1	Face Recognition (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)
I-003	/1	Drive Recorder (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)
I-004	W/26	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)
I-005	B/20	Headlight Adjustment Switch
I-006	B/6	Steering Column Module
I-007	B/4	Spiral Cable
I-008	W/8	Head Up Display
I-009	B/4	Solar Sensor
I-010	B/3	Dual Color/Multi-Color Ambient Light
I-011	W/8	ENGINE START STOP Switch
I-012	W/2	Foot Light
I-013	B/16	Diagnostic Interface
I-014	B/6	Hazard Warning Light Switch
I-044	B/4	Left Anion Generator

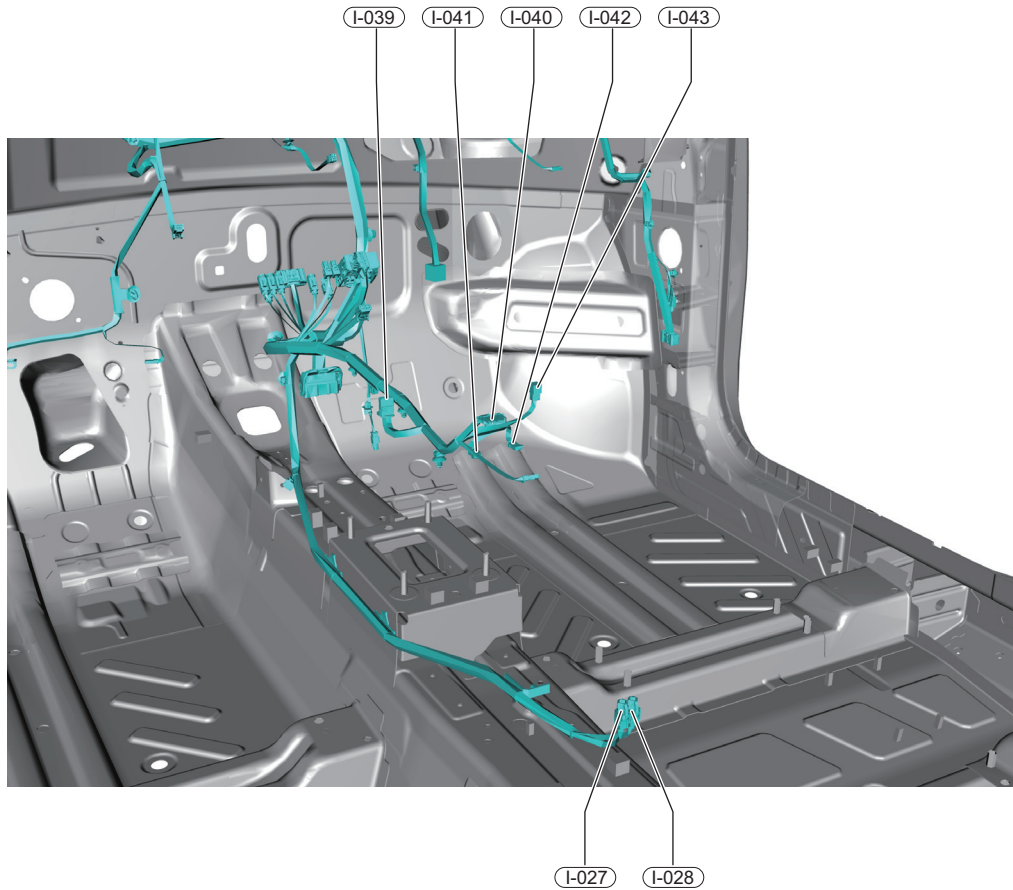


WHE028001

Connector Number	Connector Color/Pin	Connector Name
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-018	W/26	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 4 (Right Side)
I-019	/1	AVM Video Line (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)
I-020	/1	AM/FM Antenna (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)
I-021	/1	Remote Control USB Wire (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)
I-022	W/40	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)
I-023	Br/8	Audio Head Unit (DMC)-A
I-024	B/16	Audio Head Unit (DMC)-B
I-025	L/12	Audio Head Unit (DMC)-C
I-026	G/12	Audio Head Unit (DMC)-D
I-029	W/32	Instrument Cluster (DMC)

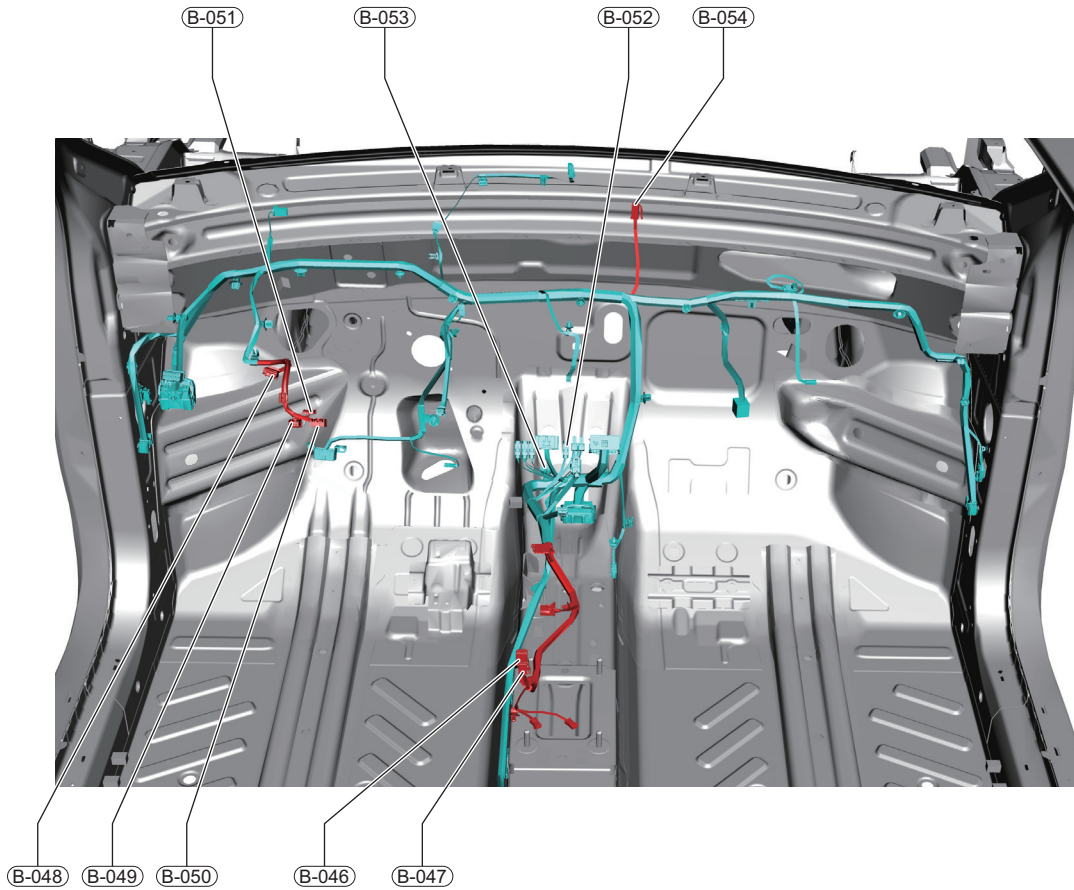
10

Connector Number	Connector Color/Pin	Connector Name
I-030	/1	AM/FM Antenna (DMC)
I-031	/1	Face Recognition (DMC)
I-032	/1	DVR (DMC)
I-033	/1	AVM Video Input Wire (DMC)
I-034	B/4	USB1
I-035	L/4	USB2
I-036	B/1	HSD Line (DMC)
I-037	Br/16	Front A/C Control Panel
I-038	B/12	Central Console Switch Assembly
I-045	B/4	Right Anion Generator



WHE029001

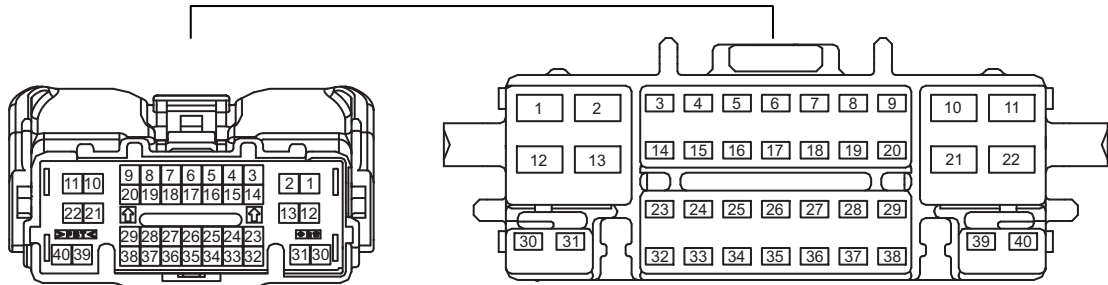
Connector Number	Connector Color/Pin	Connector Name
I-027	B/4	USB1
I-028	B/4	USB2
I-039	Br/16	Electronic Shift Module (EPB Switch)
I-040	W/8	Mobile Phone Wireless Charging Module
I-041	W/3	Instrument Panel Dual Color/Multi-Color Ambient Light (Left)
I-042	W/3	Instrument Panel Dual Color /Multi-Color Ambient Light (Right)
I-043	B/6	Touch Gesture Control Panel



WHE029002

Connector Number	Connector Color/Pin	Connector Name
I-046	/12	EPB SW
I-047	/4	FIC
I-048	/16	SCM-SCS
I-049	/4	SCM-SRC1 Mechanical
I-050	/16	SCM-SRC2 Mechanical
I-051	/6	SCM-SAS Mechanical
I-052	/1	-
I-053	/4	DOMAIN CONTROLLER
I-054	/2	Center SPK

Instrument Cluster Wire Harness Connector List

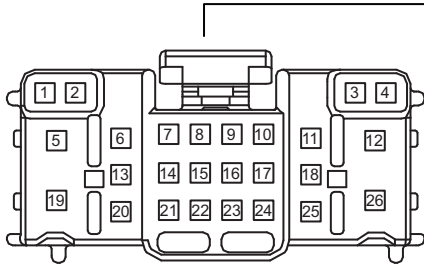


I-001
W

Instrument Panel Wire Harness to
Interior Floor Wire Harness 1

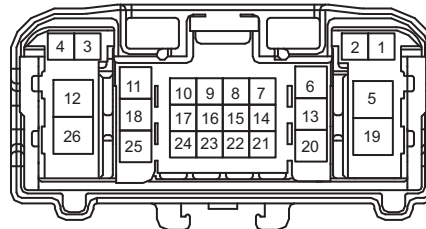
B-105
W

Interior Floor Wire Harness to
Instrument Panel Wire Harness 1



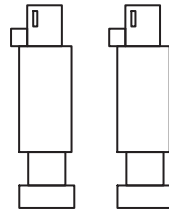
I-004
W

Instrument Panel Wire Harness to
Interior Floor Wire Harness 2



B-122
W

Interior Floor Wire Harness to
Instrument Panel Wire Harness 2

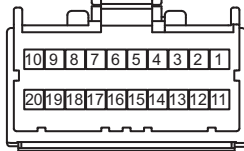


I-002

Face
recognition

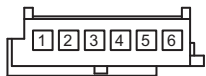
I-003

Driving
Recorder



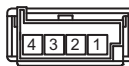
I-005
B

Headlight
Adjustment Switch



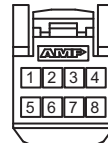
I-006
B

Steering
Column Module



I-007
B

Spiral Cable



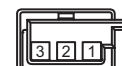
I-008
W

Headup
Display



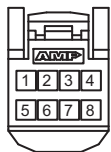
I-009
B

Solar
Sensor



I-010
B

Two-color Ambient Light /
Multi-color Ambient Light



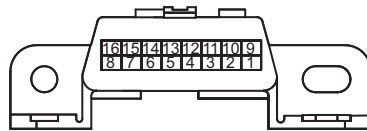
I-011
W

One-button
Start Switch



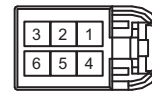
I-012
W

Foot Light



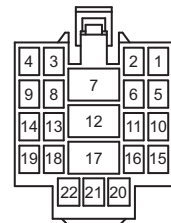
I-013
B

Diagnostic Interface



I-014
B

Hazard Warning Light Switch



I-015
W

Front A/C Wire
Harness Interface



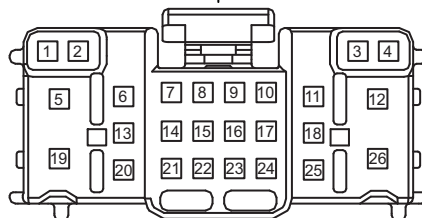
I-016
W

Glove
Box Light



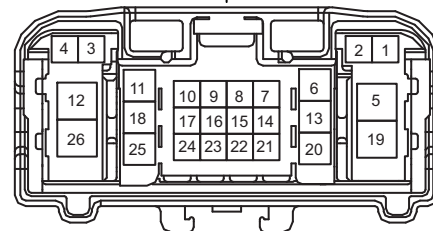
I-017
Y

Front Passenger
Side Airbag



I-018
W

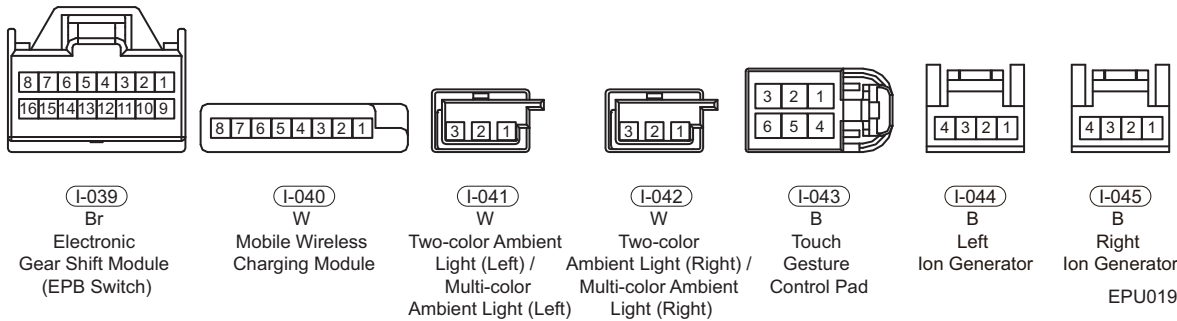
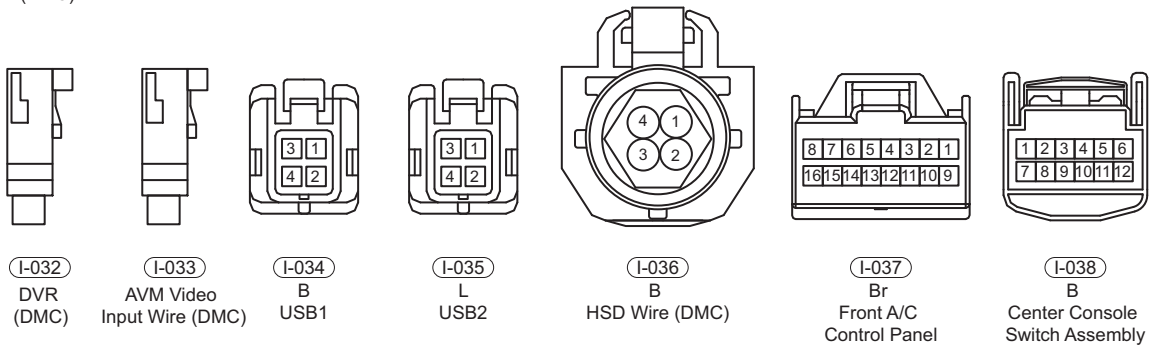
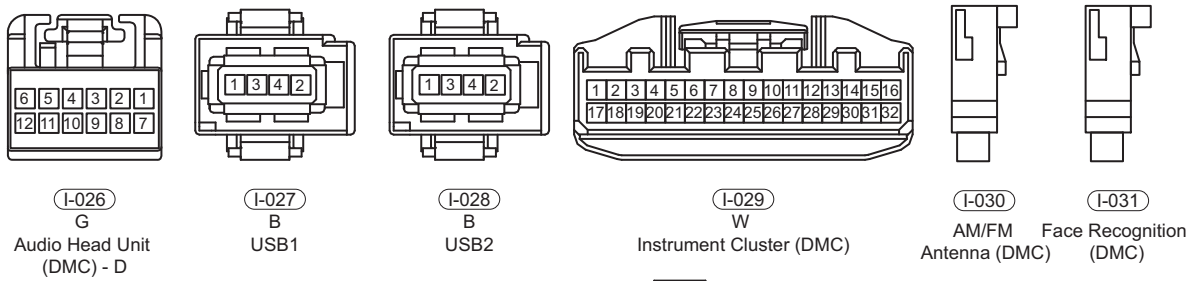
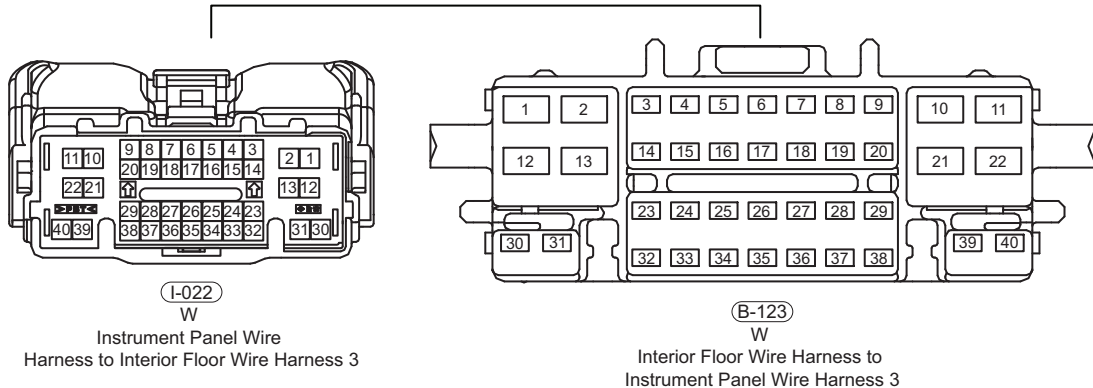
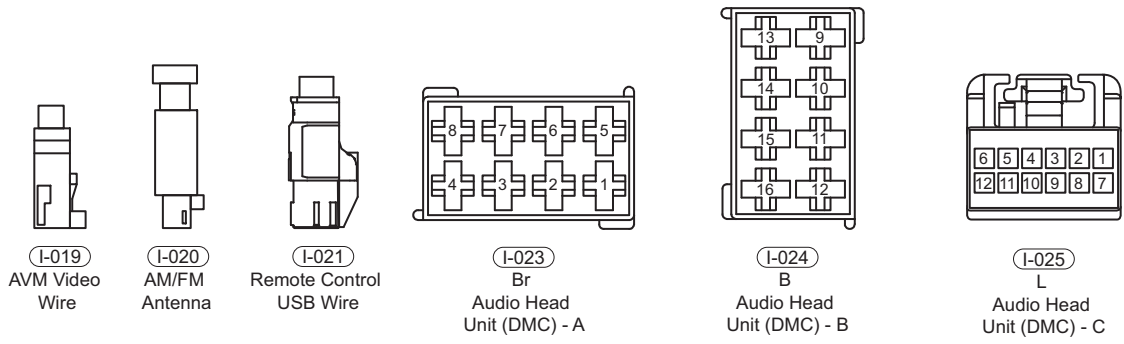
Instrument Panel Wire Harness to
Interior Floor Wire Harness 4



B-061
W

Interior Floor Wire Harness to
Instrument Panel Wire Harness 4

EPU018001

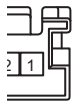


EU019001



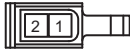
I-049
B

SCM-SRC1



③

CONTROLLER

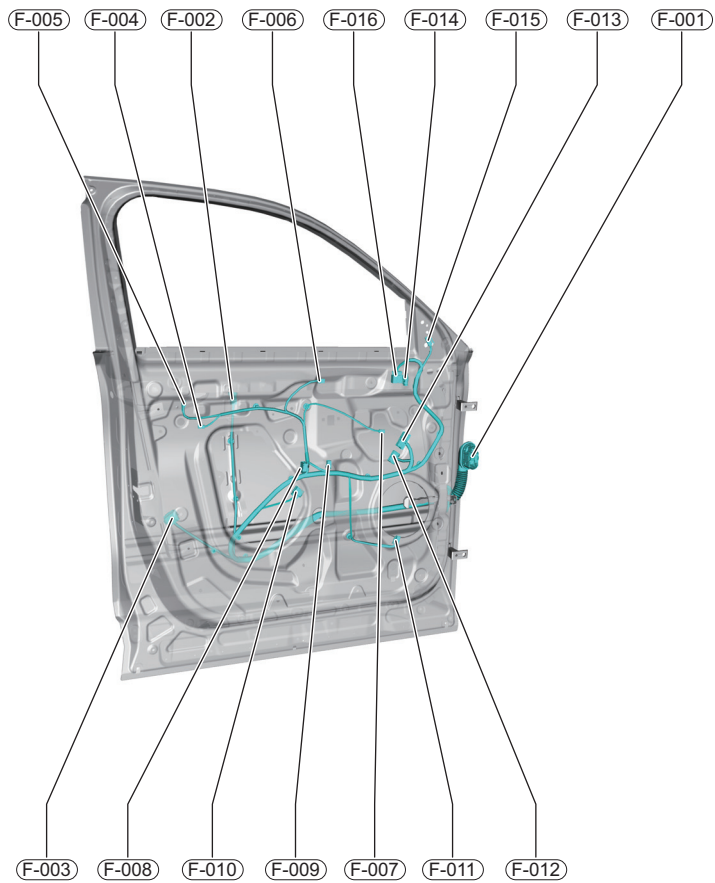


I-054
B

Center SPK

EPU019002

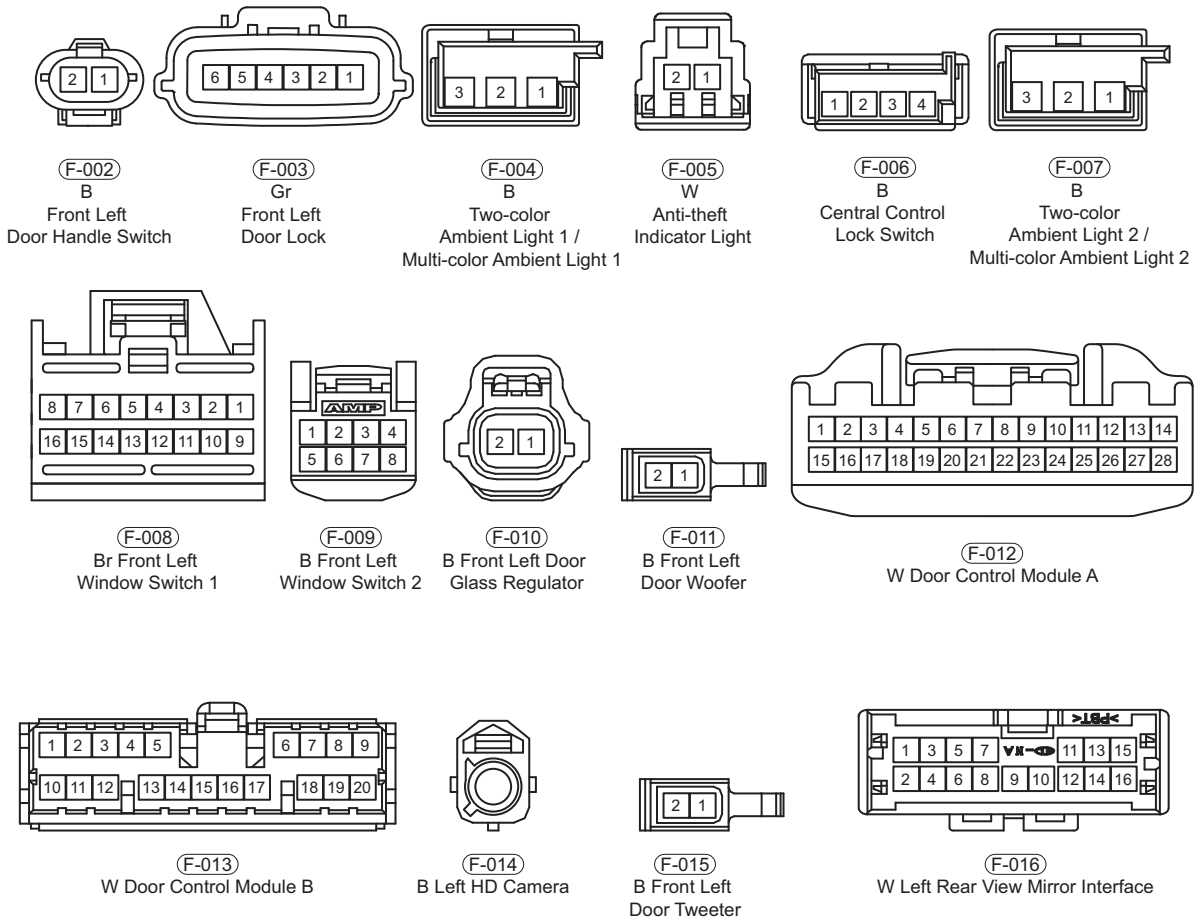
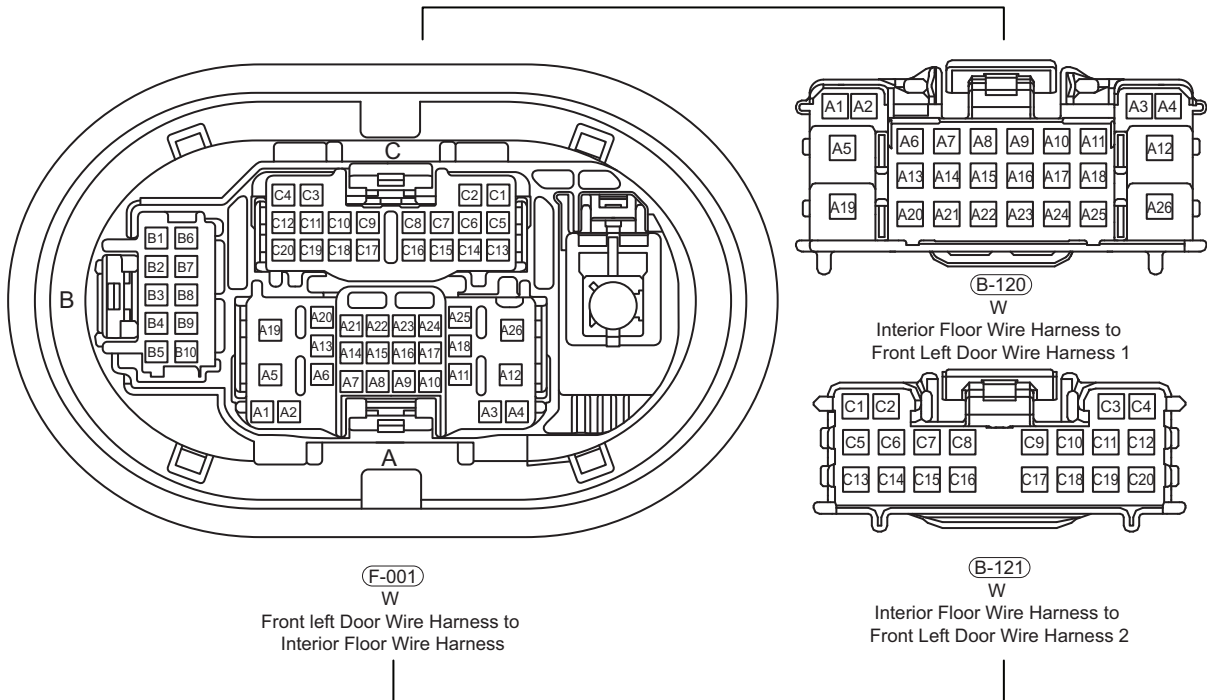
Front Left Door Wire Harness



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	Front Left Door Handle Switch
F-003	Gr/6	Front Left Door Lock
F-004	B/3	Dual Color/Multi-Color Ambient Light 1
F-005	W/2	Anti-theft Indicator
F-006	B/4	Central Control Lock Switch
F-007	B/3	Dual Color/Multi-Color Ambient Light 2
F-008	Br/16	Front Left Window Switch 1
F-009	B/8	Front Left Window Switch 2
F-010	B/2	Front Left Door Glass Regulator
F-011	B/2	Front Left Door Woofer
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

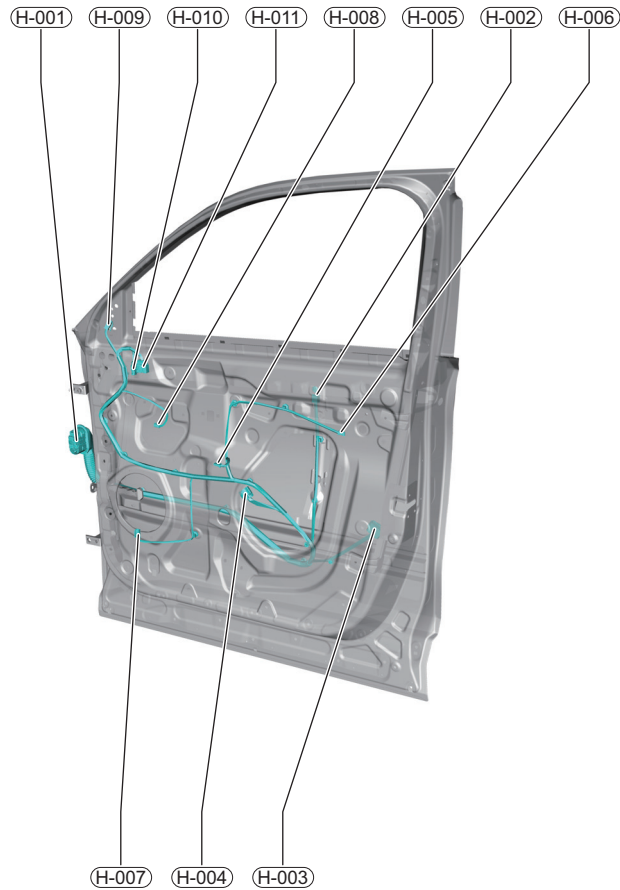
Front Left Door Wire Harness Connector List



EPU020001



Front Right Door Wire Harness

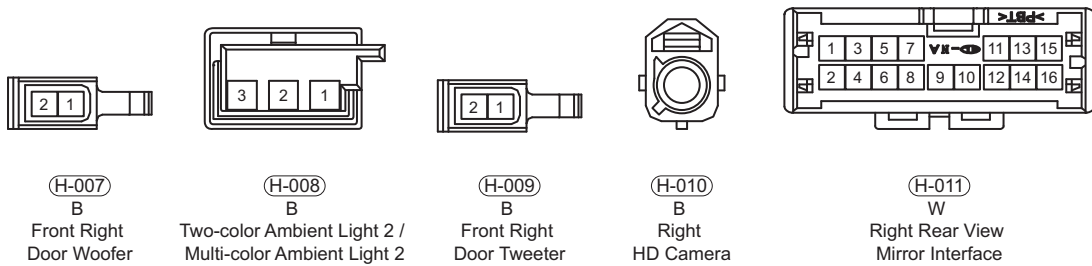
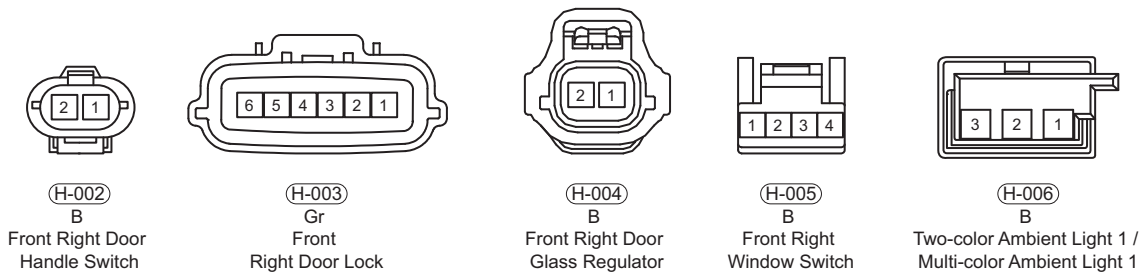
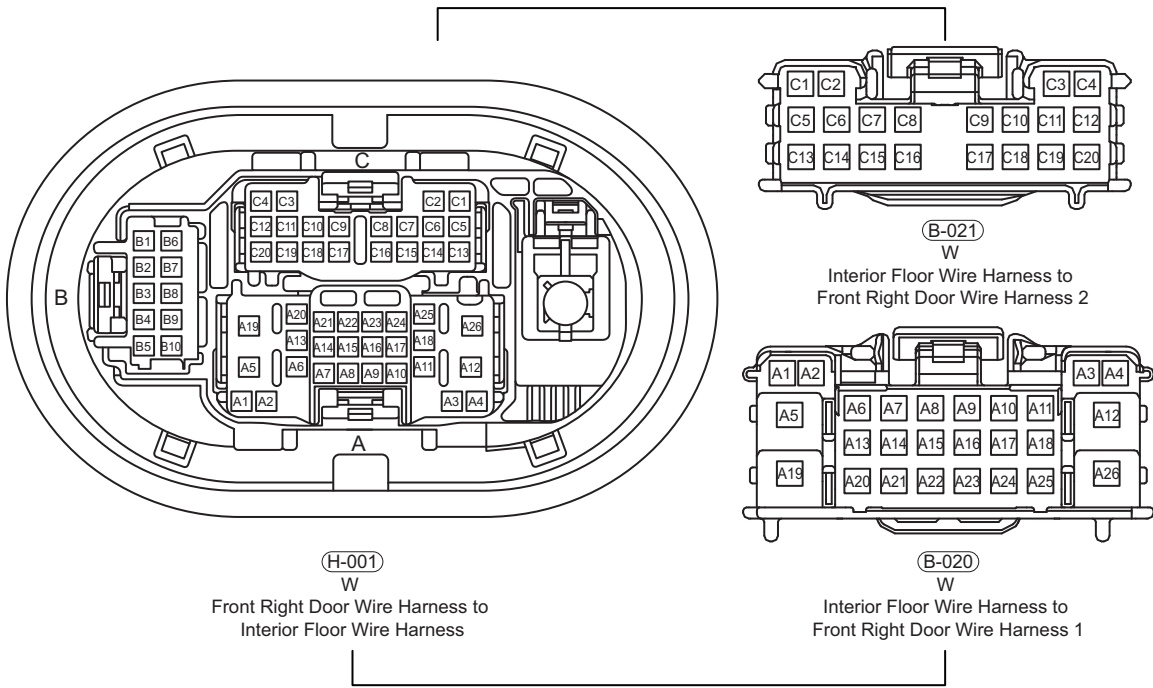


WHE032001

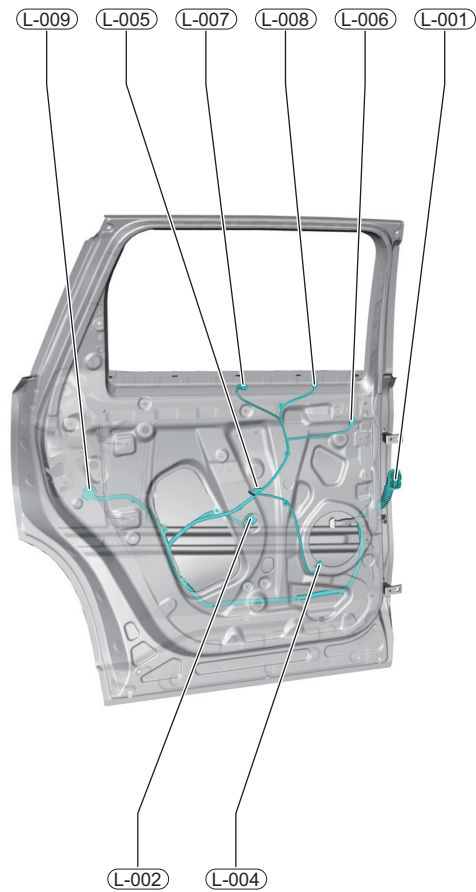
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Connector Number	Connector Color/Pin	Connector Name
H-001	W/56	Front Right Door Wire Harness to Interior Floor Wire Harness Connector
H-002	B/2	Front Right Door Handle Switch
H-003	Gr/6	Front Right Door Lock
H-004	B/2	Front Right Door Glass Regulator
H-005	B/4	Front Right Window Switch
H-006	B/3	Dual Color/Multi-Color Ambient Light 1
H-007	B/2	Front Right Door Woofer
H-008	B/3	Dual Color/Multi-Color Ambient Light 2
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

Front Right Door Wire Harness Connector List



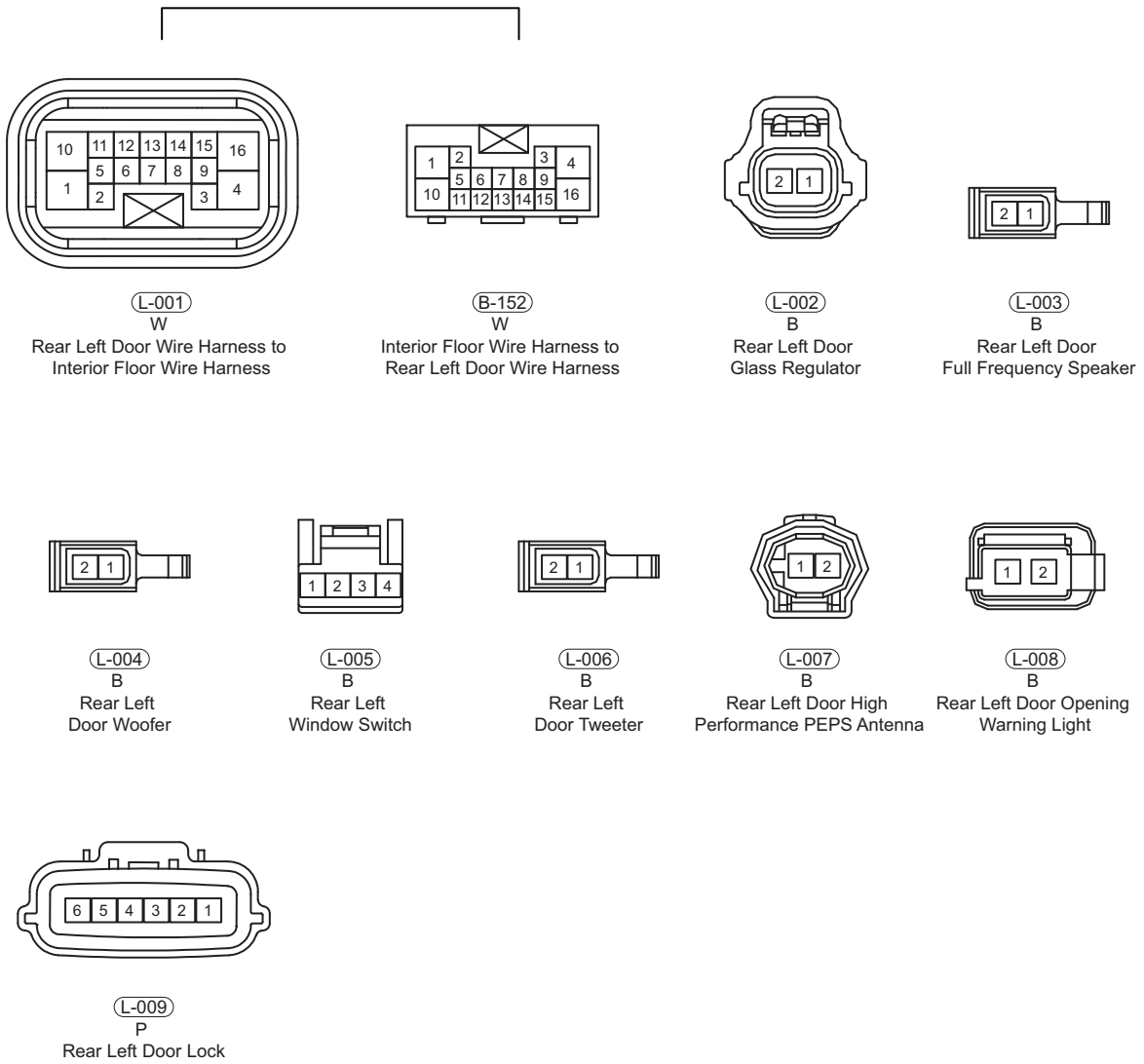
Rear Left Door Wire Harness



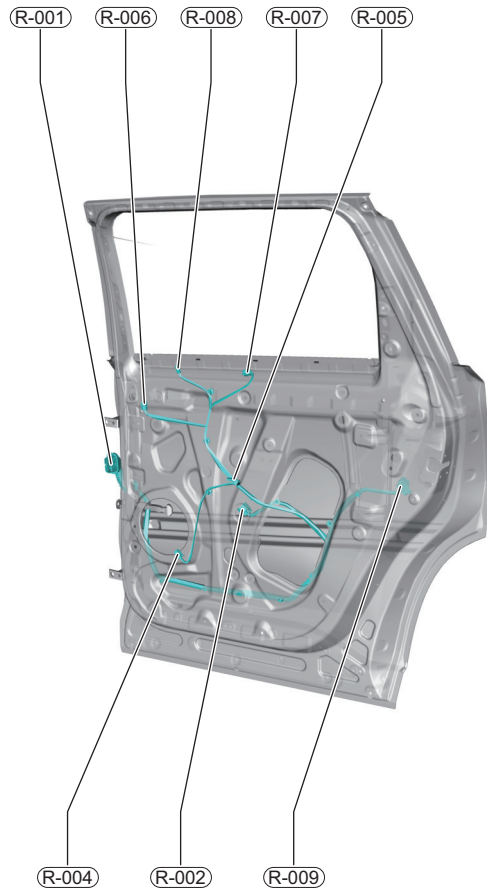
WHE033001

Connector Number	Connector Color/Pin	Connector Name
L-001	W/16	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	Rear Left Door Woofer
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/6	Rear Left Door Lock

Rear Left Door Wire Harness Connector List



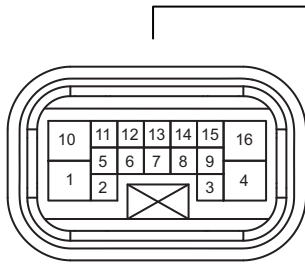
Rear Right Door Wire Harness



WHE034001

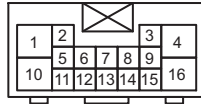
Connector Number	Connector Color/Pin	Connector Name
R-001	W/16	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector
R-002	B/2	Rear Right Door Glass Regulator
R-003	B/2	Rear Right Door Full-range Speaker
R-004	B/2	Rear Right Door Woofer
R-005	B/4	Rear Right Window Switch
R-006	B/2	Rear 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/6	Rear Right Door Lock

Rear Right Door Wire Harness Connector List



(R-001)
W

Rear Right Door Wire Harness to Interior Floor Wire Harness



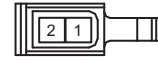
(B-073)
W

Interior Floor Wire Harness to Rear Right Door Wire Harness



(R-002)
B

Rear Right Door Glass Regulator



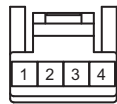
(R-003)
B

Rear Right Door Full Frequency Speaker



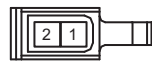
(R-004)
B

Rear Right Door Woofer



(R-005)
B

Rear Right Window Switch



(R-006)
B

Rear Right Door Tweeter



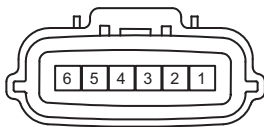
(R-007)
B

Rear Right Door High Performance PEPS Antenna



(R-008)
B

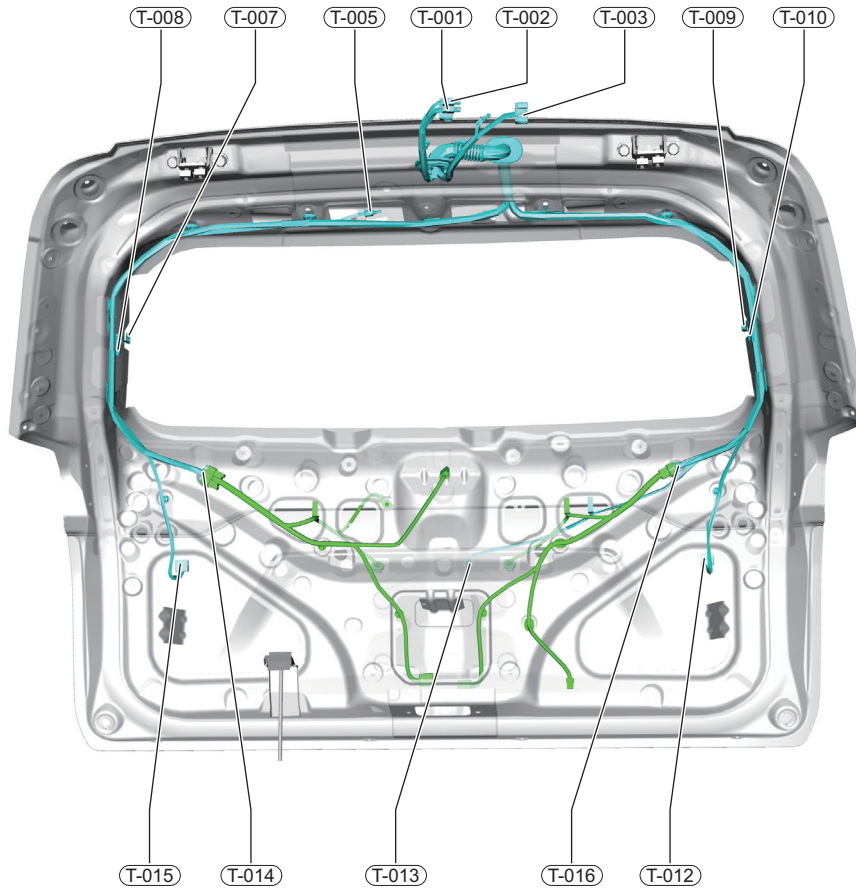
Rear Right Door Opening Warning Light



(R-009)
P

Rear Right Door Lock

Rear Back Door Wire Harness

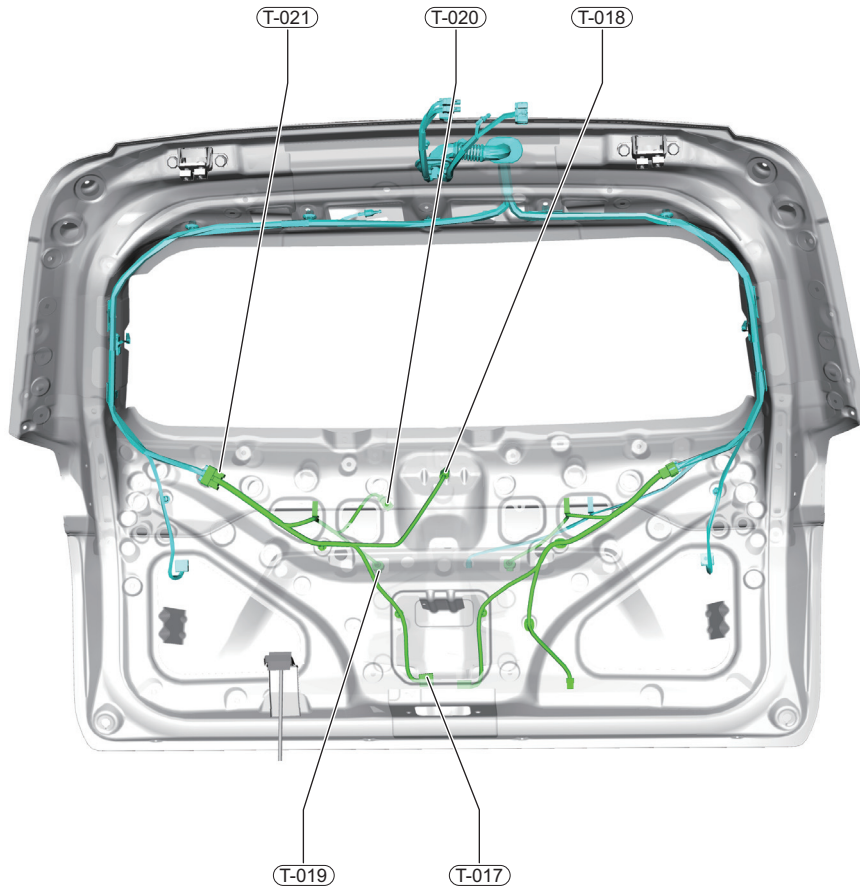


WHE035001

10

Connector Number	Connector Color/Pin	Connector Name
T-001	W/16	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2
T-002	/1	Camera (Rear Back door Wire Harness to Interior Floor Wire Harness Interface)
T-003	W/20	Rear 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	Rear Back Door HD Camera
T-014	W/16	Rear Back Door Wire Harness to Rear Back Door A Wire Harness
T-015	W/8	Rear Right Combination Light (Back Door Part)
T-016	W/10	Rear Back Door Wire Harness to Rear Back Door B Wire Harness

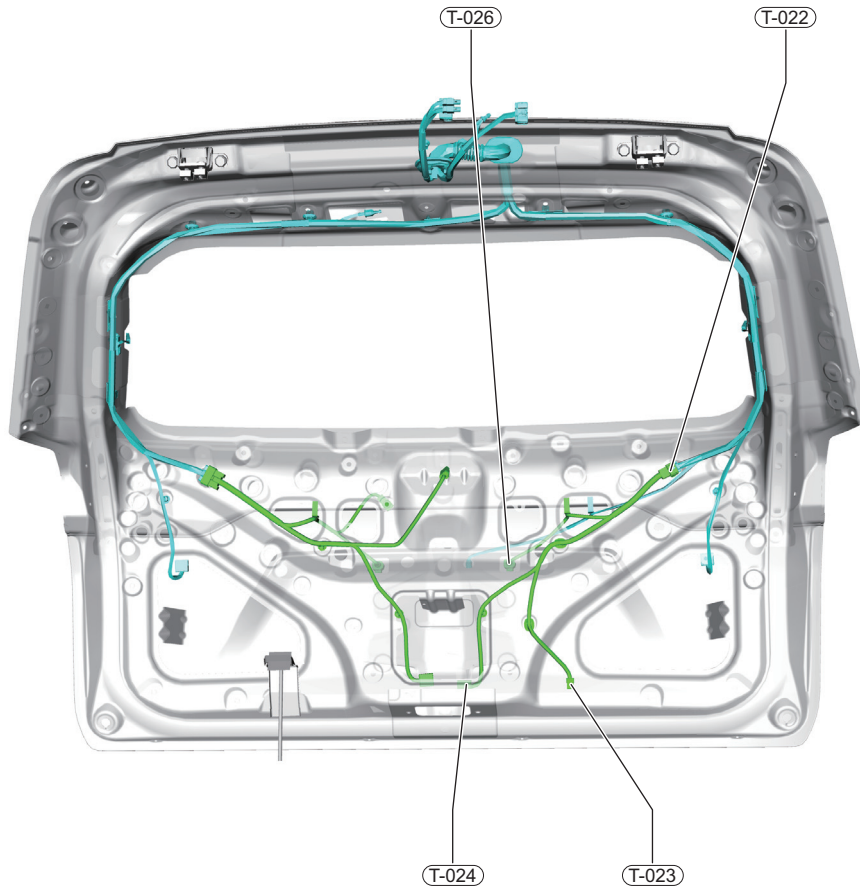
Rear Back Door Wire Harness-A



WHE036001

Connector Number	Connector Color/Pin	Connector Name
T-017	B/6	Power Back Door Latch
T-018	W/3	Rear Wiper Motor
T-019	B/2	Right License Plate Light
T-020	B/4	External Luggage Compartment Switch
T-021	W/16	Rear Back Door A Wire Harness to Rear Back Door Wire Harness

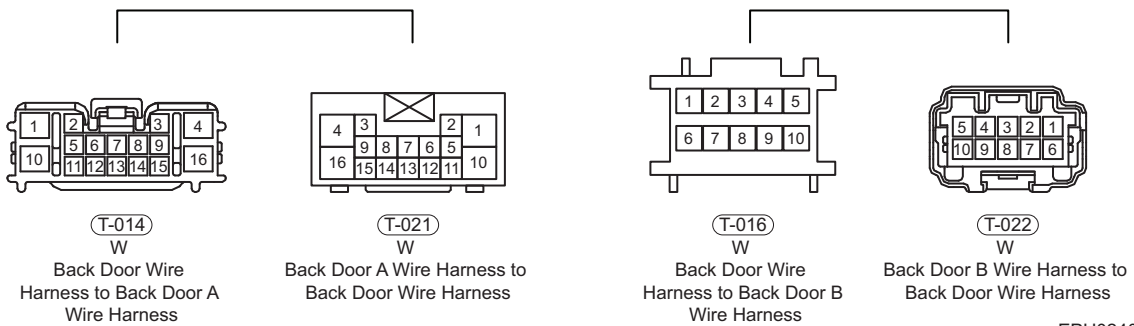
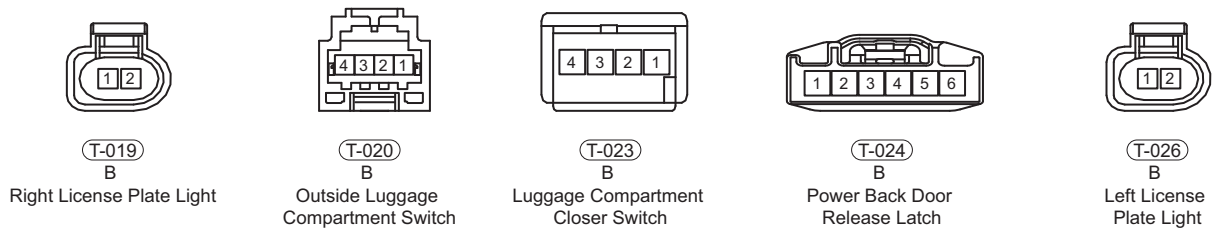
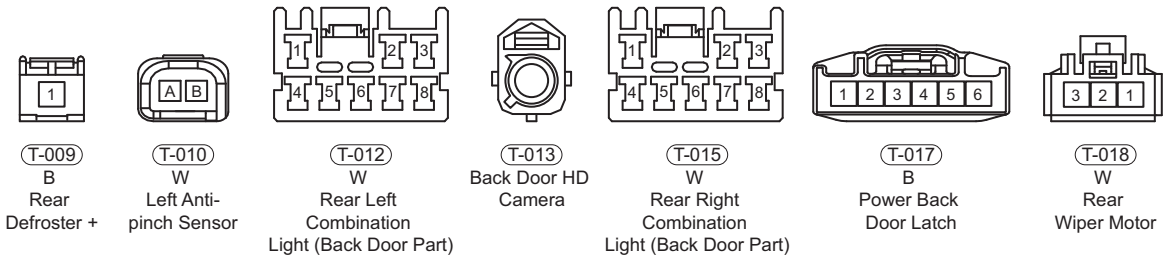
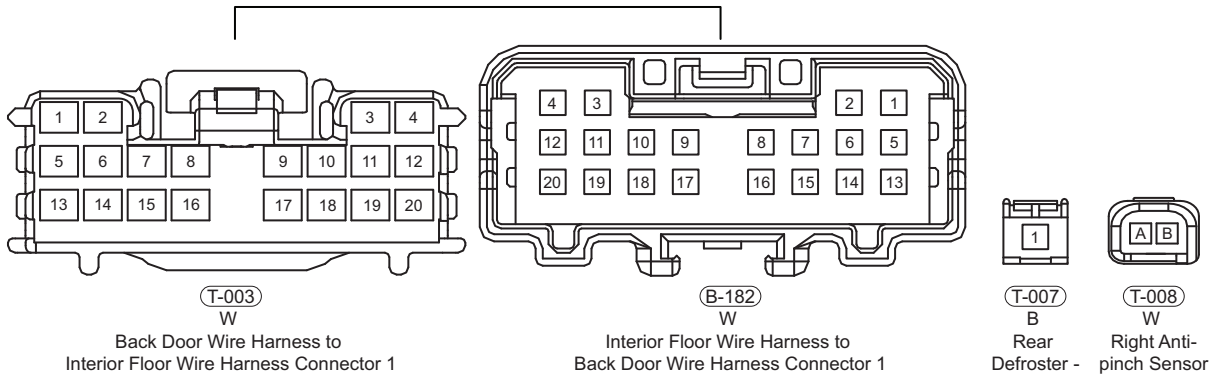
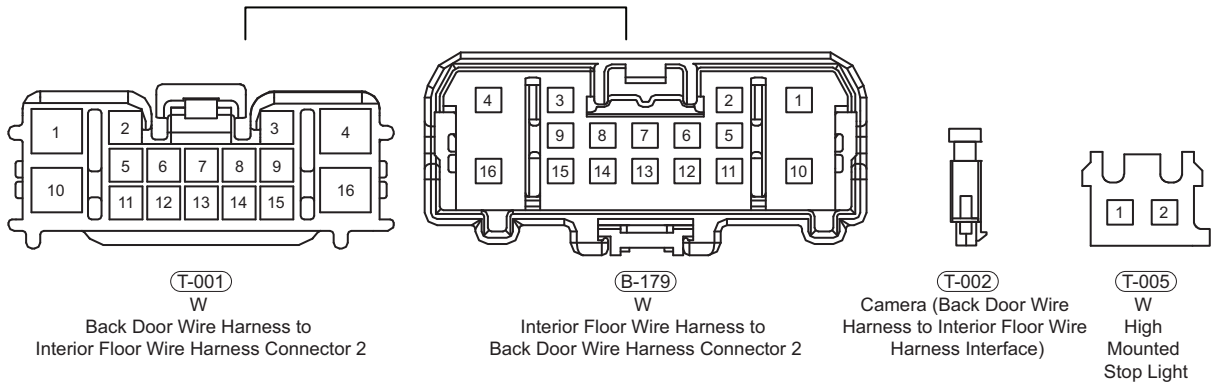
Rear Back Door Wire Harness-B



WHE037001

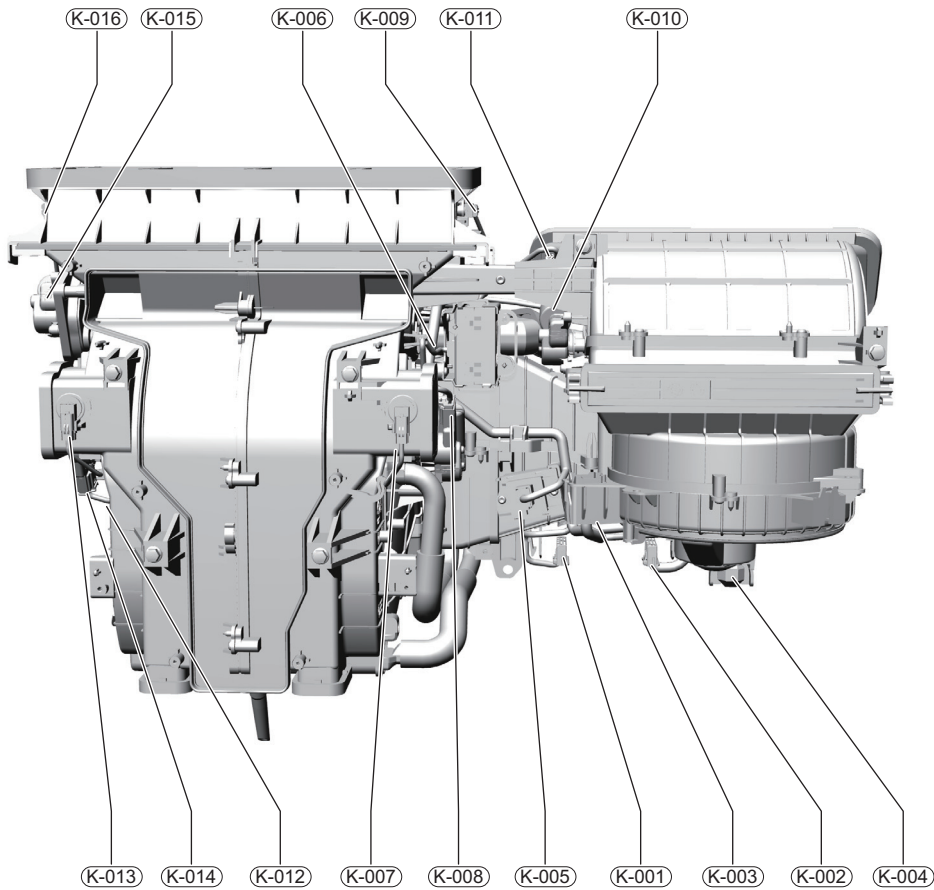
Connector Number	Connector Color/Pin	Connector Name
T-022	W/10	Rear Back Door B Wire Harness to Rear Back Door Wire Harness
T-023	B/4	Luggage Compartment OFF Switch
T-024	B/6	Power Back Door Release Latch
T-026	B/2	Left License Plate Light

Rear Back door Wire Harness Connector List



EPU024001

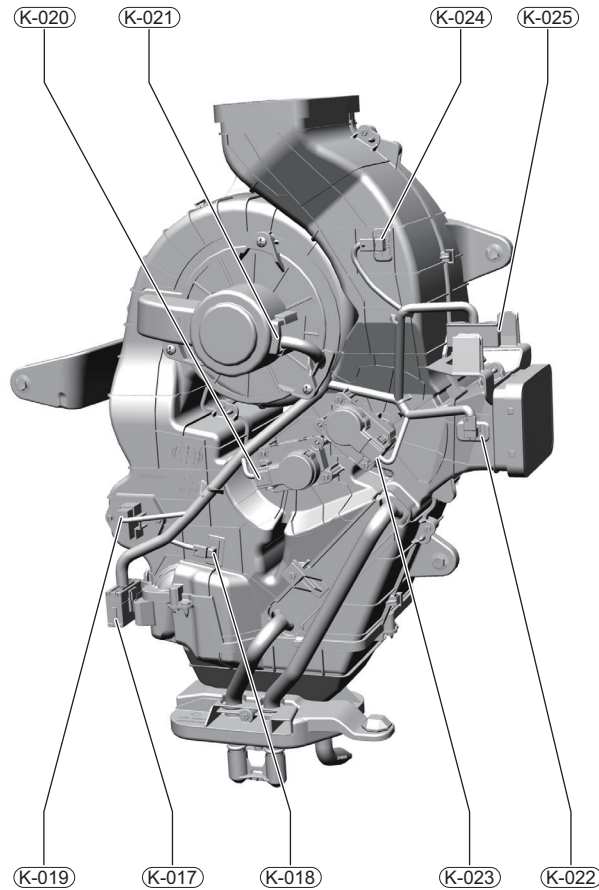
Auto A/C Wire Harness



WHE039001

10

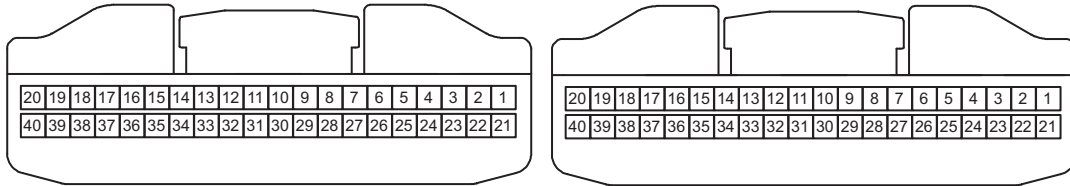
Connector Number	Connector Color/Pin	Connector Name
K-001	W/40	Automatic A/C Module A
K-002	W/40	Automatic A/C Module B
K-003	W/22	A/C Wire Harness to Instrument Cluster Wire Harness Interface
K-004	W/2	Blower
K-005	Br/3	Blower Speed Regulation Module
K-006	B/5	PM2.5 Sensor
K-007	B/3	Right Foot Temperature 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

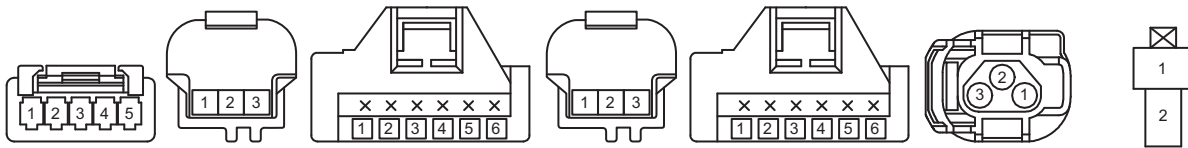
Connector Number	Connector Color/Pin	Connector Name
K-017	W/15	Rear A/C Wire Harness to Interior Wire Harness Interface
K-018	B/2	Evaporator temperature sensor
K-019	W/3	Blower Speed Regulation Module
K-020	B/6	Temperature Damper Motor
K-021	B/2	Blower
K-022	B/2	Foot Temperature Sensor
K-023	B/6	Mode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

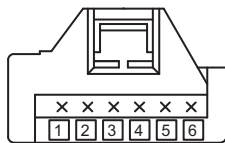
(K-008)
B
Right Temperature
Damper Motor

(K-009)
B
Right Face
Temperature Sensor

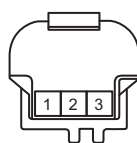
(K-010)
Br
Circulation
Damper Motor

(K-011)
Br
AQS Sensor

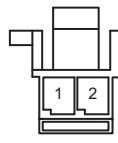
(K-021)
B
Blower



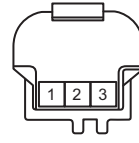
(K-015)
Br
Mode Damper
Motor



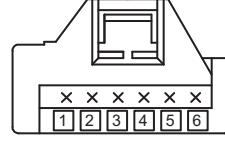
(K-016)
B
Left Face
Temperature
Sensor



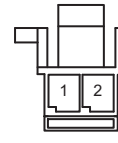
(K-012)
W
Evaporator
Temperature
Sensor



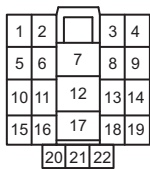
(K-013)
B
Left Foot
Temperature Sensor



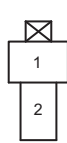
(K-014)
Br
Left Temperature
Damper Motor



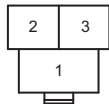
(K-018)
B
Evaporator
Temperature Sensor



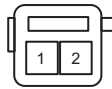
(K-003)
W
A/C Wire Harness to
Instrument Wire
Harness Interface



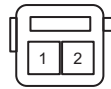
(K-004)
W
Blower



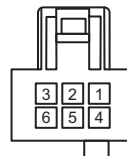
(K-005)
Br
Blower Speed
Regulation
Module



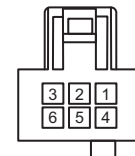
(K-022)
B
Foot
Temperature
Sensor



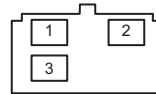
(K-024)
B
Face
Temperature
Sensor



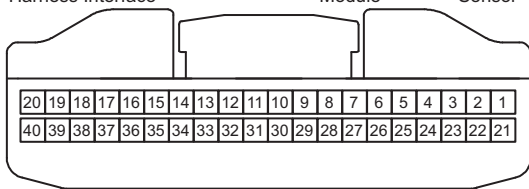
(K-020)
B
Temperature
Damper Motor



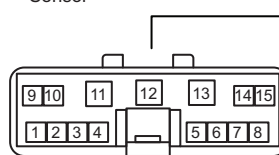
(K-023)
B
Mode
Damper Motor



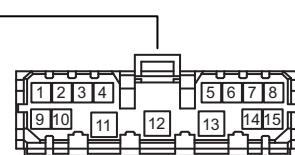
(K-019)
W
Blower Speed
Regulation Module



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

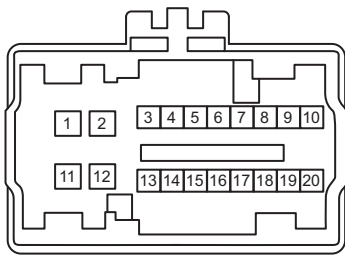


(K-017)
W
Rear A/C Wire Harness to
Interior Wire Harness Interface

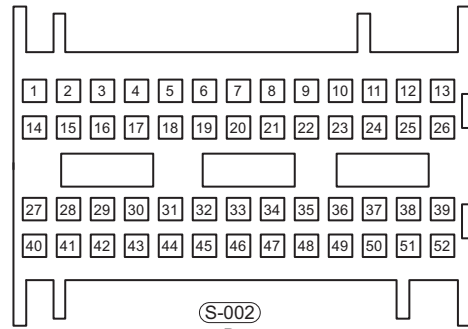


(B-170)
W
Interior Wire Harness
Interface to Rear
A/C Wire Harness EPU025001

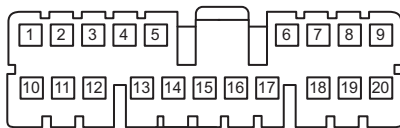
Seat Wire Harness Connector List



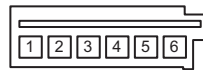
(S-001)
W
Driver Seat Wire Harness to Interior Wire Harness



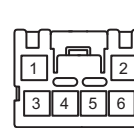
(S-002)
B
Seat Control Module 1



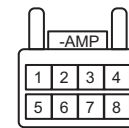
(S-003)
W
Seat Control Module 2



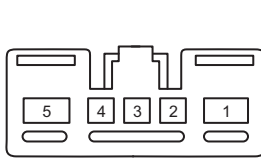
(S-004)
W
Lumbar Support Motor



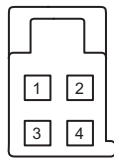
(S-005)
W
Lumbar Support Switch



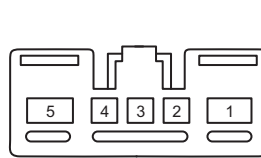
(S-006)
B
Driver Seat Adjustment Switch



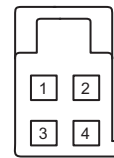
(S-007)
Br
Driver Seatback Motor



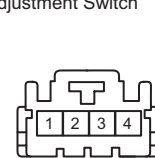
(S-008)
B
Driver Regulator Motor



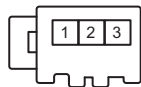
(S-009)
B
Driver Horizontal Motor



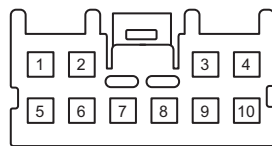
(S-010)
Br
Driver Raising Motor



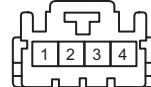
(S-011)
W
Driver Seat Heater



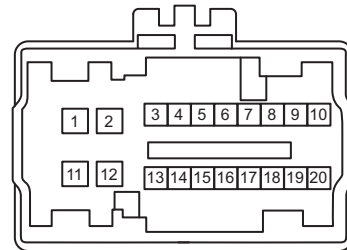
(S-012)
W
Driver Seat Ventilation



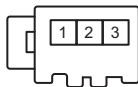
(S-013)
W
Front Passenger Seat Adjustment Switch



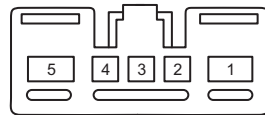
(S-014)
W
Front Passenger Seat Heater



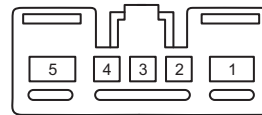
(S-015)
W
Front Passenger Seat Wire Harness to Interior Wire Harness



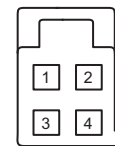
(S-016)
W
Front Passenger Seat Ventilation



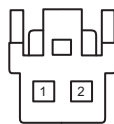
(S-017)
W
Front Passenger Seatback Motor



(S-018)
W
Front Passenger Horizontal Motor



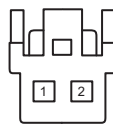
(S-019)
W
Front Passenger Raising Motor



(S-020)
W
Driver Seat Belt Buckle



(S-021)
W
Driver Seat Airbag



(S-022)
W
Front Passenger Seat Belt Buckle



(S-023)
W
Front Passenger Seat Airbag



(S-024)
W
Occupancy Sensor

SEE004001

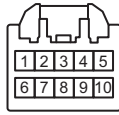
Sliding Roof Wire Harness Connector List



C-001

Gr

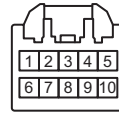
Interior Wire Harness to
Sunroof Wire Harness



C-002

Gr

Sunroof Glass Motor

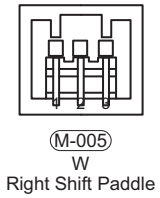
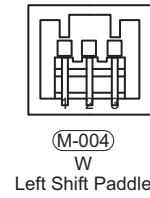
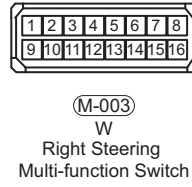
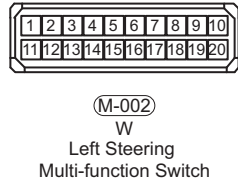
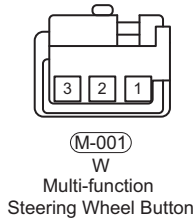


C-003

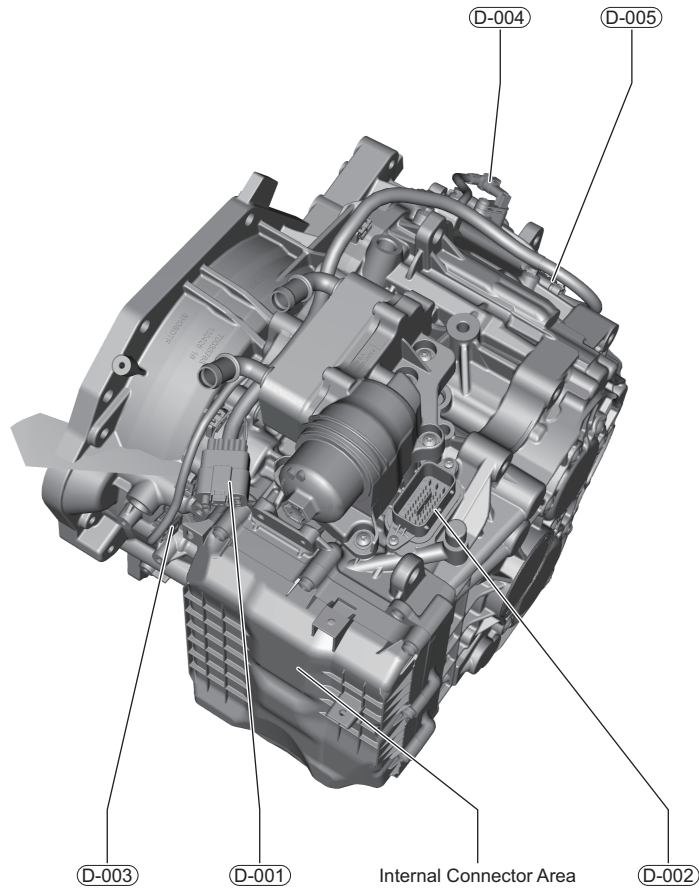
Gr

Sunroof Shade Motor

Multi-function Steering Wheel Connector List



Transmission



WHE042001

Connector Number	Connector Color/Pin	Connector Name
D-001	B/16	Three-in-one Wire Harness to Interior Wire Harness
D-002	B/43	Wire Harness between Engine and Transmission to Interior Wire Harness
D-003	B/4	Clutch Temperature Speed Sensor
D-004	B/2	Output Speed Sensor
D-005	B/12	Electrical Hydraulic Parking Mechanism

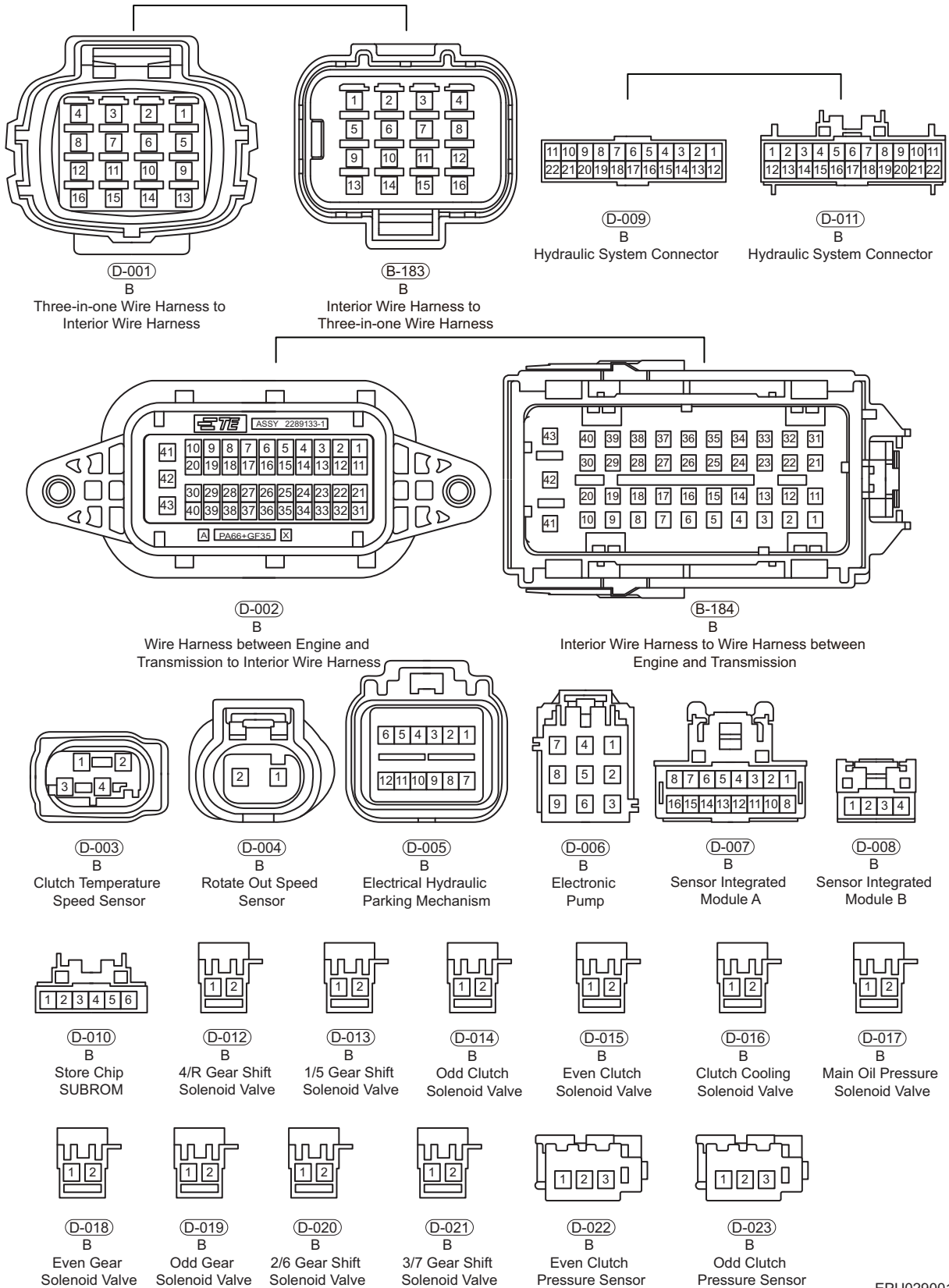
10

Internal Connector

Connector Number	Connector Color/Pin	Connector Name
D-006	Y/9	Electronic Pump
D-007	B/16	Sensor Integrated Module A
D-008	B/4	Sensor Integrated Module B
D-009	Gr/22	Hydraulic System Connector
D-010	B/6	Memory Chip SUBROM
D-011	Gr/22	Hydraulic System Connector
D-012	B/2	4th/R Gear Shift Solenoid Valve

Connector Number	Connector Color/Pin	Connector Name
D-013	B/2	1st/5th Gear Shift Solenoid Valve
D-014	B/2	Odd Clutch Solenoid Valve
D-015	B/2	Even Clutch Solenoid Valve
D-016	B/2	Clutch Cooling Solenoid Valve
D-017	B/2	Main Oil Pressure Solenoid Valve
D-018	B/2	Even Gear Solenoid Valve
D-019	B/2	Odd Gear Solenoid Valve
D-020	B/2	2nd/6th Gear Shift Solenoid Valve
D-021	B/2	3rd/7th Gear Shift Solenoid Valve
D-022	W/3	Even Clutch Pressure Sensor
D-023	W/3	Odd Clutch Pressure Sensor

Transmission Wire Harness Connector List



EPU029001

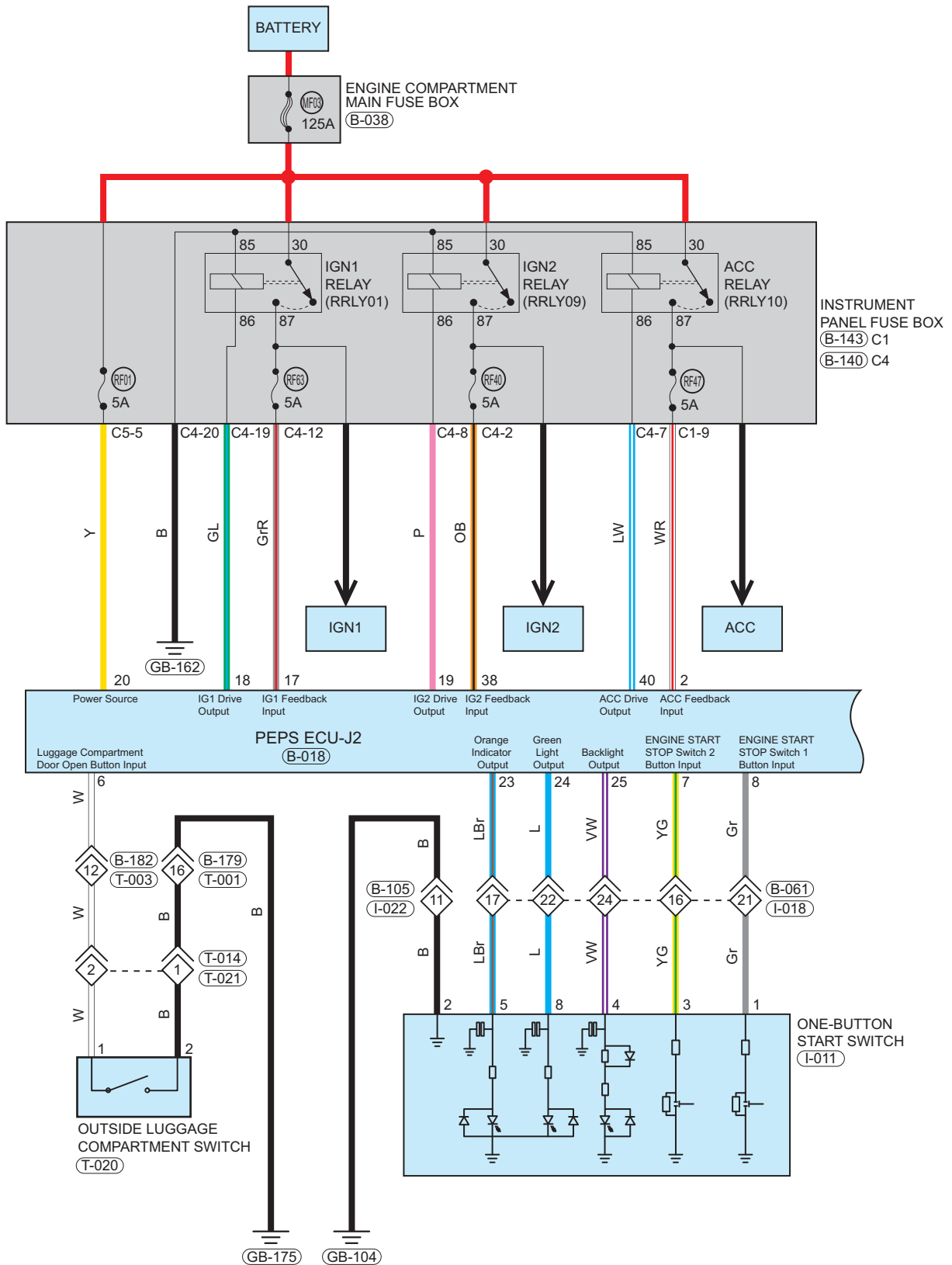
System Circuit Diagram

General Information

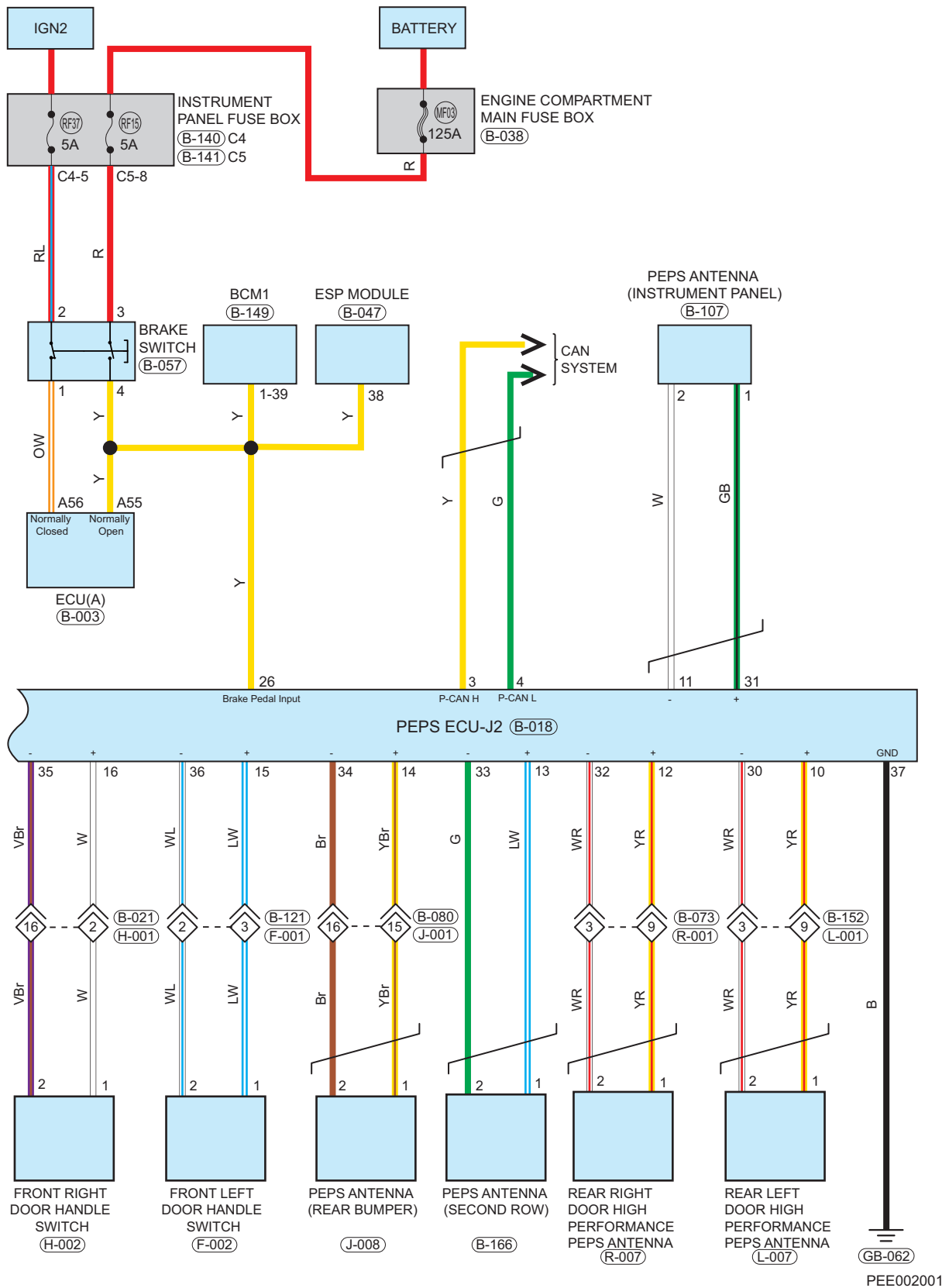
This section provides information about system circuit diagram, which is very important for troubleshooting electrical faults. When troubleshooting any problem, first understand circuit operation in question (refer to “System Circuit” or circuit diagram in relevant repair manual).

After understanding circuit operation, troubleshoot the faulty circuit to find out the cause. Then use “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, refer to the relevant repair manual.

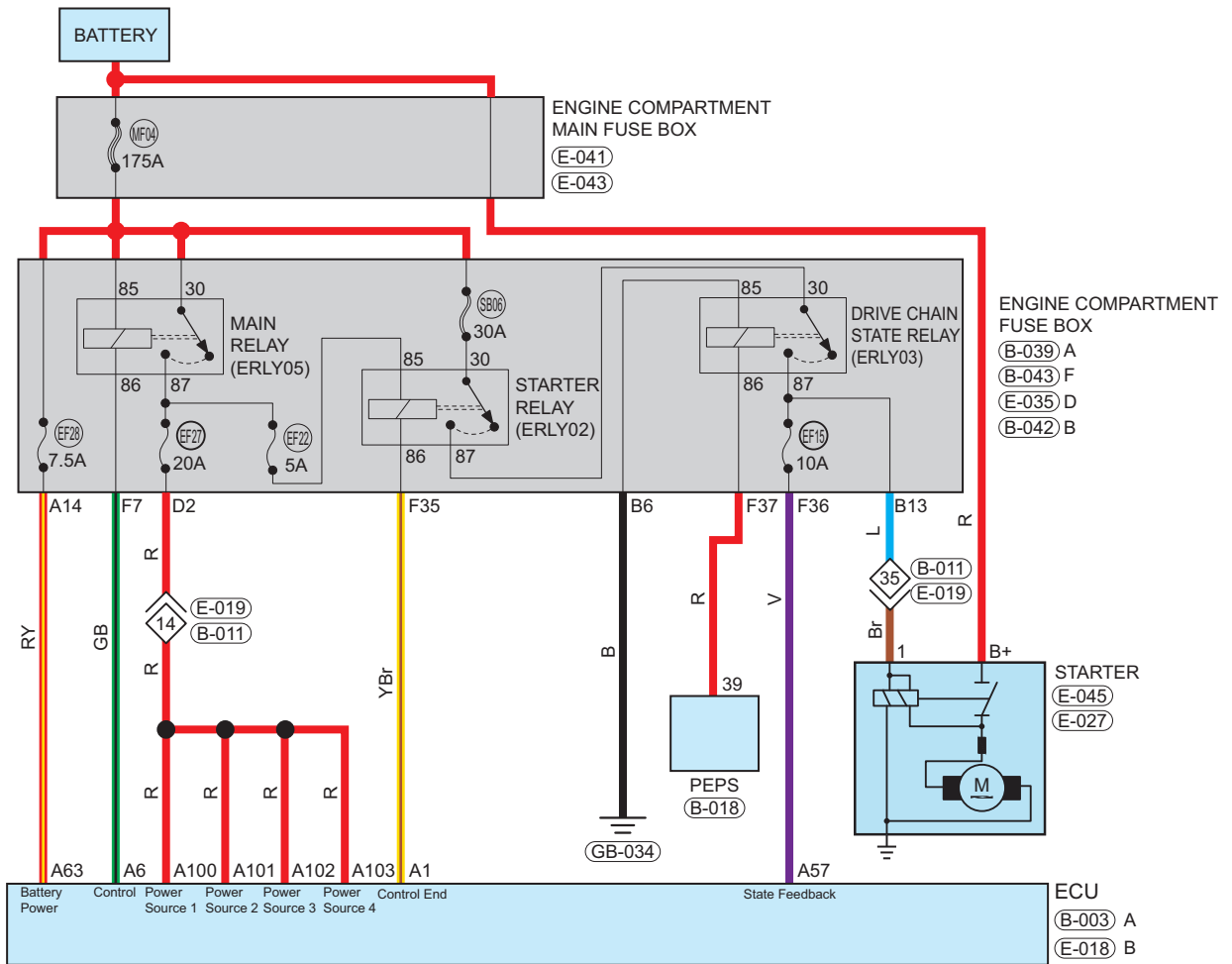
Passive Entry & Passive Start (PEPS)



Passive Entry & Passive Start (PEPS)



Passive Entry & Passive Start (PEPS)



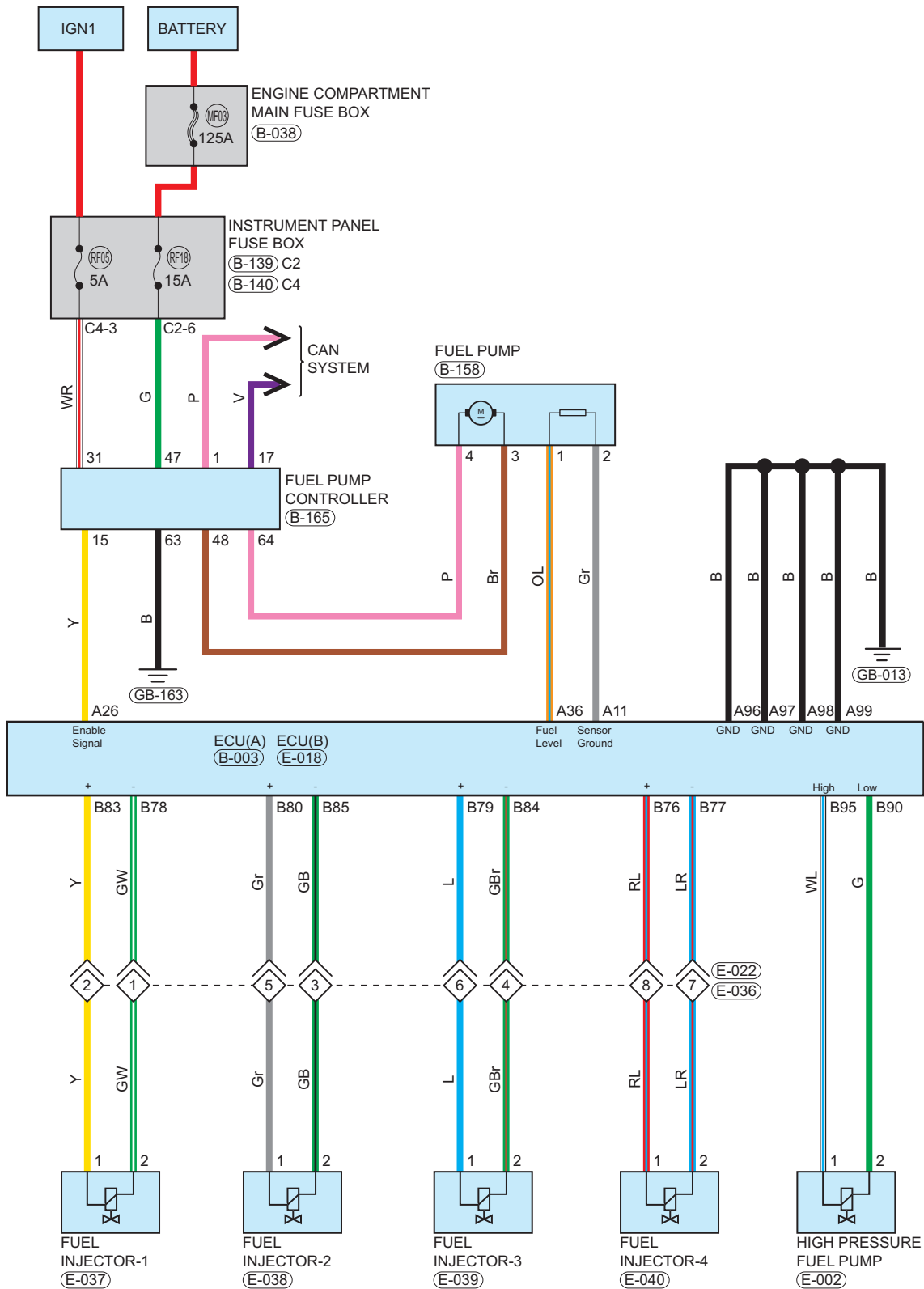
Passive Entry & Passive Start (PEPS)

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-015	A/C Pressure Sensor	10-42
B-018	PEPS	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-039	Engine Compartment Fuse Box A	10-43
B-042	Engine Compartment Fuse Box B	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-047	ESP Module	10-43
B-057	Brake Switch	10-44
B-061	Interior Floor Wire Harness to Instrument Cluster Wire Harness (Right Side)	10-44
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-44
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-107	PEPS Antenna (Instrument Cluster)	10-46
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-149	BCM 1	10-48

Wire Harness Connector	Name	Page Number
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-49
B-166	PEPS Antenna (Second Row)	10-49
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-027	Starter	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
E-043	PFB-ST	10-7
E-045	Starter 2	10-7
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-002	Front Left Door Handle Switch	10-61
GB-034	Ground	10-43
GB-062	Ground	10-44
GB-104	Ground	10-46
GB-162	Ground	10-49
GB-175	Ground	10-50
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-002	Front Right Door Handle Switch	10-63
I-011	ENGINE START STOP Switch	10-57
I-018	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 4 (Right Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15

Wire Harness Connector	Name	Page Number
J-008	PEPS Antenna (Rear Bumper)	10-15
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-65
L-007	Rear Left Door High Performance PEPS Antenna	10-65
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-67
R-007	Rear Right Door High Performance PEPS Antenna	10-67
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-014	Rear Back Door Wire Harness to Rear Back Door A Wire Harness	10-71
T-020	External Luggage Compartment Switch	10-71
T-021	Rear Back Door A Wire Harness to Rear Back Door Wire Harness	10-71

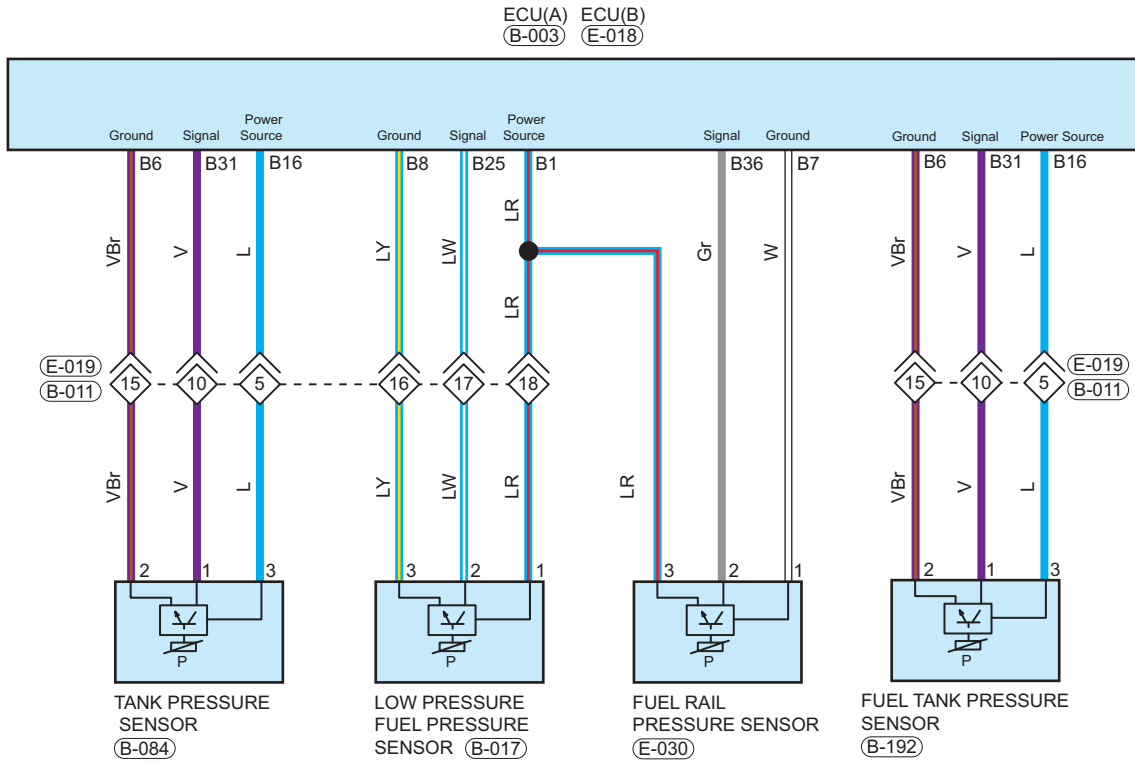
Engine Control System (EMS) Fuel Supply System



11



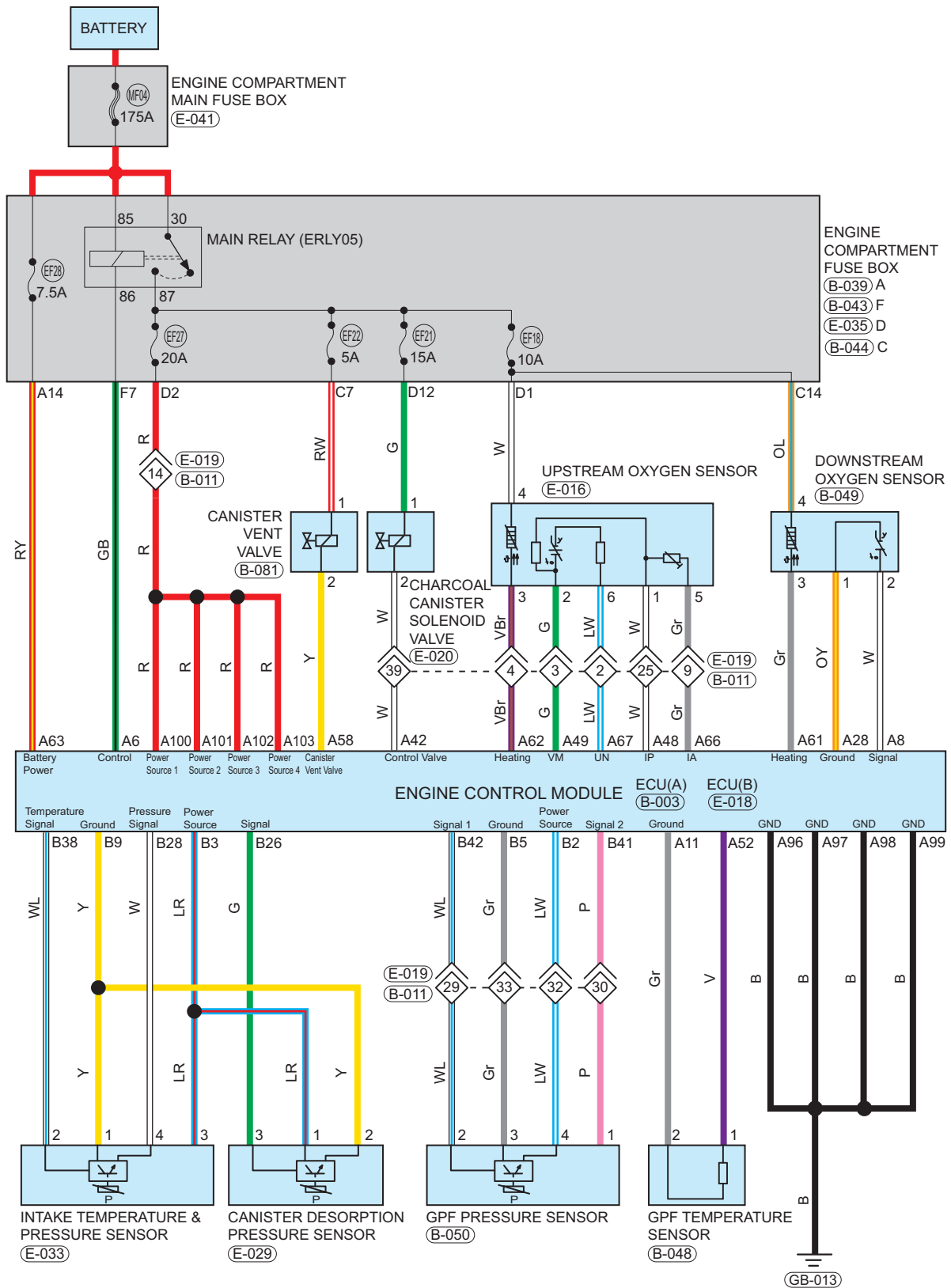
Fuel Supply System



Fuel Supply System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-017	Low Pressure Fuel Pressure Sensor	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-084	Fuel Tank Pressure Sensor	10-45
B-139	Instrument Cluster Fuse Box C2	10-48
B-140	Instrument Cluster Fuse Box C4	10-48
B-158	Fuel Pump	10-49
B-165	Fuel Pump Controller	10-49
B-192	Fuel Tank Pressure Sensor	10-61
E-002	High Pressure Fuel Pump	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-022	Engine Wire Harness to Fuel Injector Wire Harness	10-7
E-030	Fuel Rail Pressure Sensor	10-7
E-036	Fuel Injector Wire Harness to Engine Wire Harness Interface	10-9
E-037	Fuel Injector 1	10-9
E-038	Fuel Injector 2	10-9
E-039	Fuel Injector 3	10-9
E-040	Fuel Injector 4	10-9
GB-013	Ground	10-41
GB-163	Ground	10-49

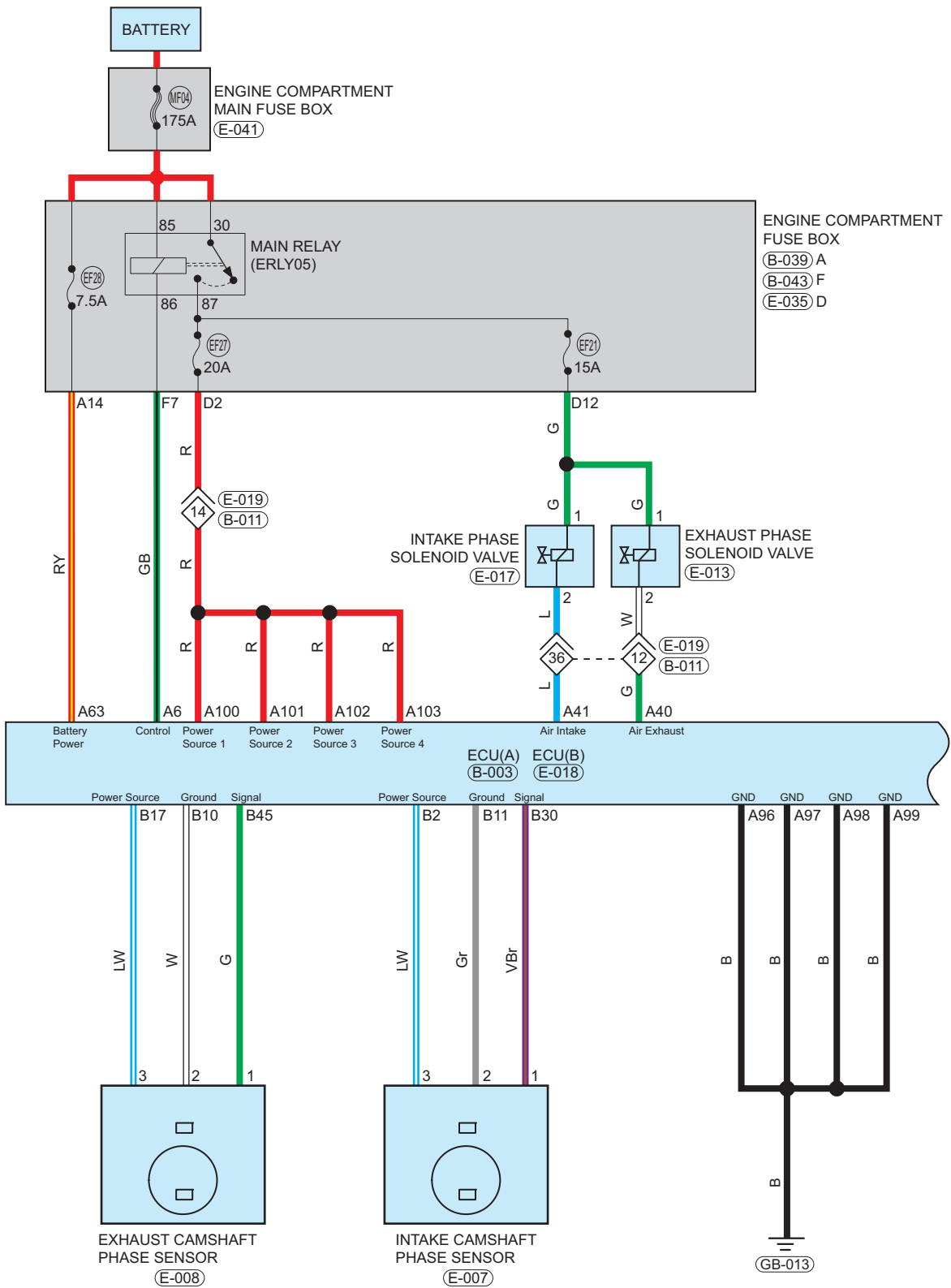
Emission Control System



Emission Control System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-048	GPF Temperature Sensor	10-43
B-049	Downstream Oxygen Sensor	10-43
B-050	GPF Pressure Sensor	10-43
B-081	Canister Ventilation Valve	10-45
E-016	Upstream Oxygen Sensor	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-020	Canister Solenoid Valve	10-6
E-029	Canister Desorption Pressure Sensor	10-7
E-033	Intake Pressure/Temperature Sensor	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
GB-013	Ground	10-41

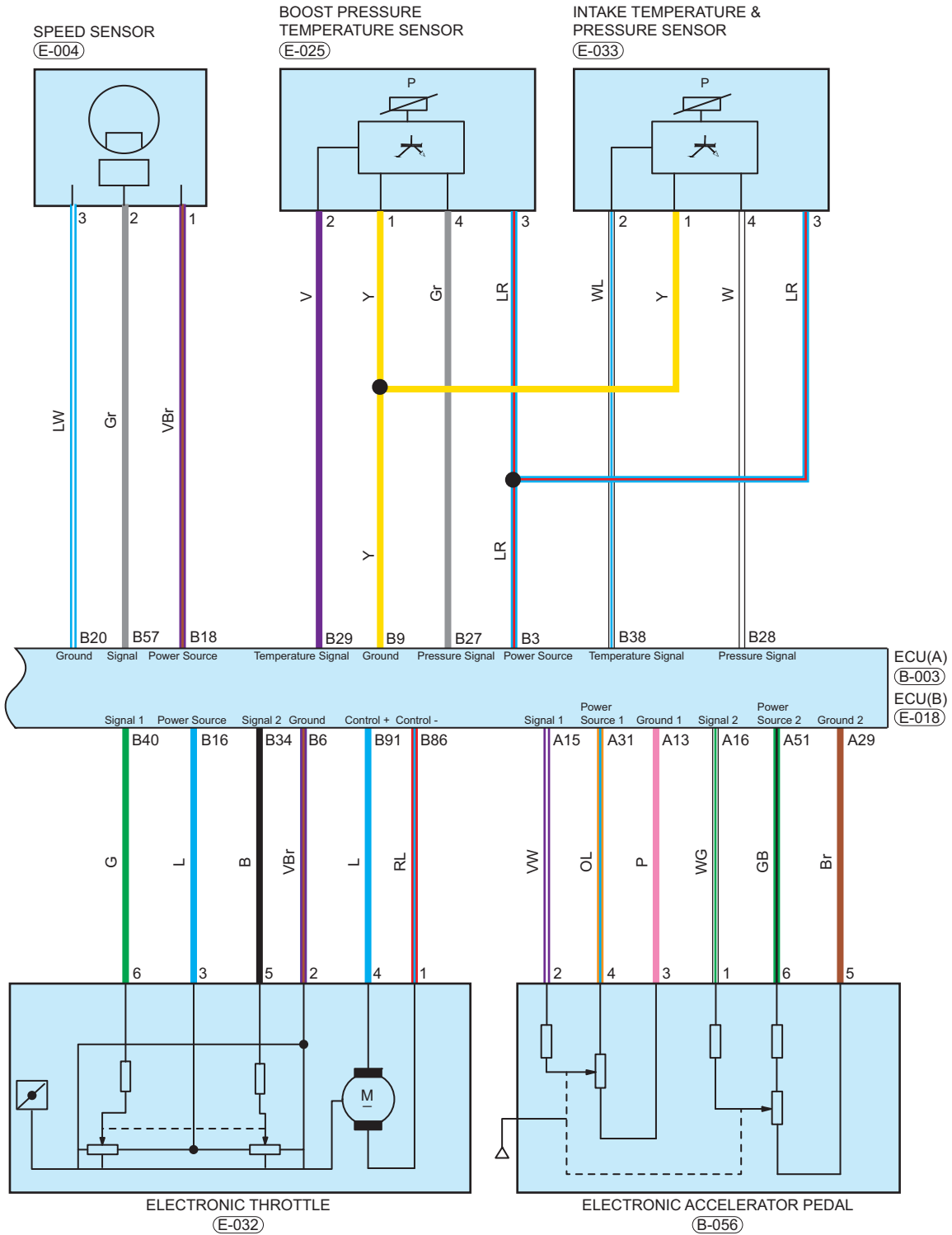
Intake System



ITE001001



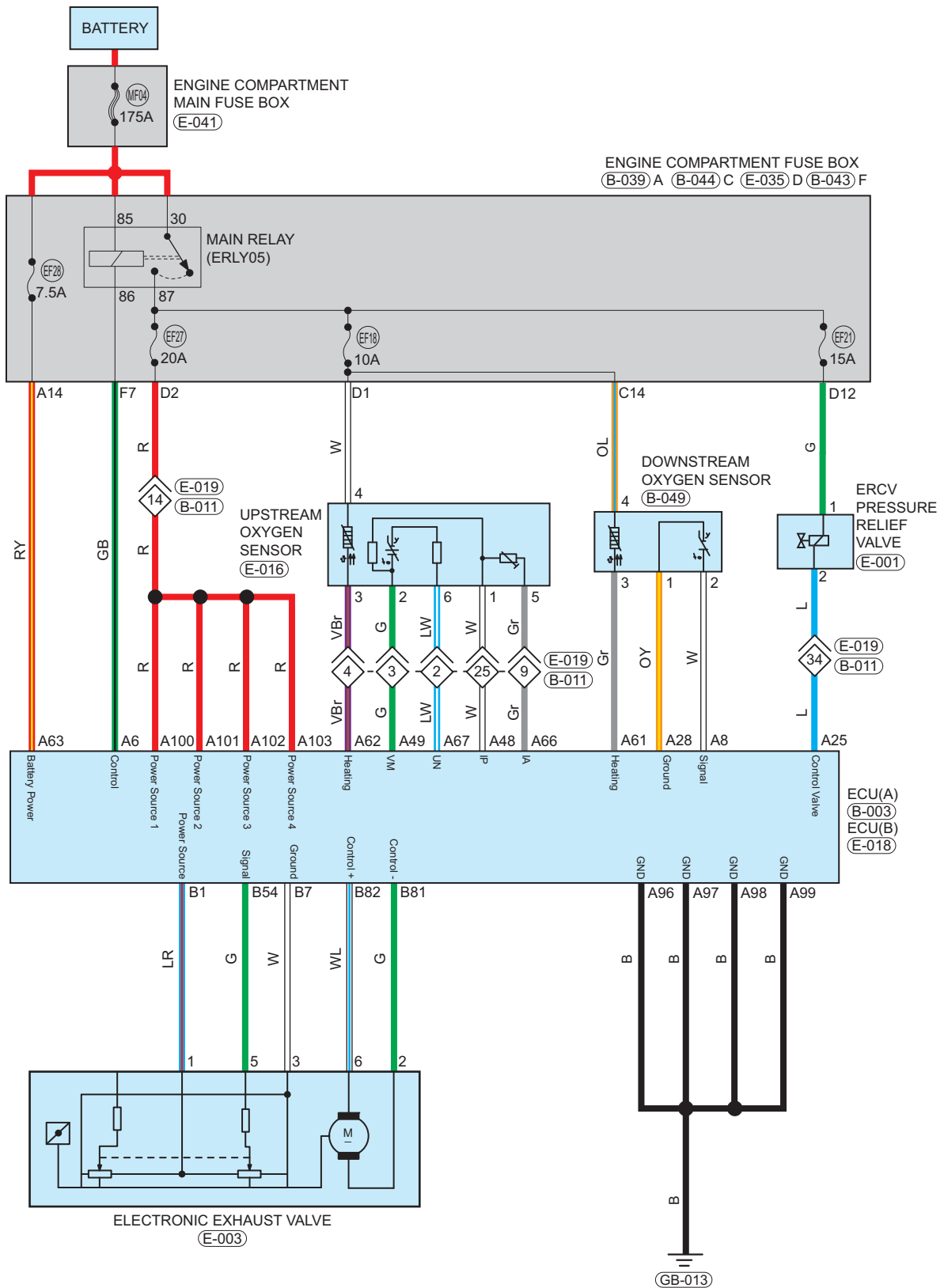
Intake System



Intake System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-056	Electronic Accelerator Pedal	10-44
E-004	Speed Sensor	10-6
E-007	Intake Camshaft Phaser Sensor	10-6
E-008	Exhaust Camshaft Phaser Sensor	10-6
E-013	Exhaust Phaser Solenoid Valve	10-6
E-017	Intake Phaser Solenoid Valve	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-025	Boost Pressure/Temperature Sensor	10-7
E-032	Electronic Throttle	10-7
E-033	Intake Pressure/Temperature Sensor	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
GB-013	Ground	10-41

Exhaust System



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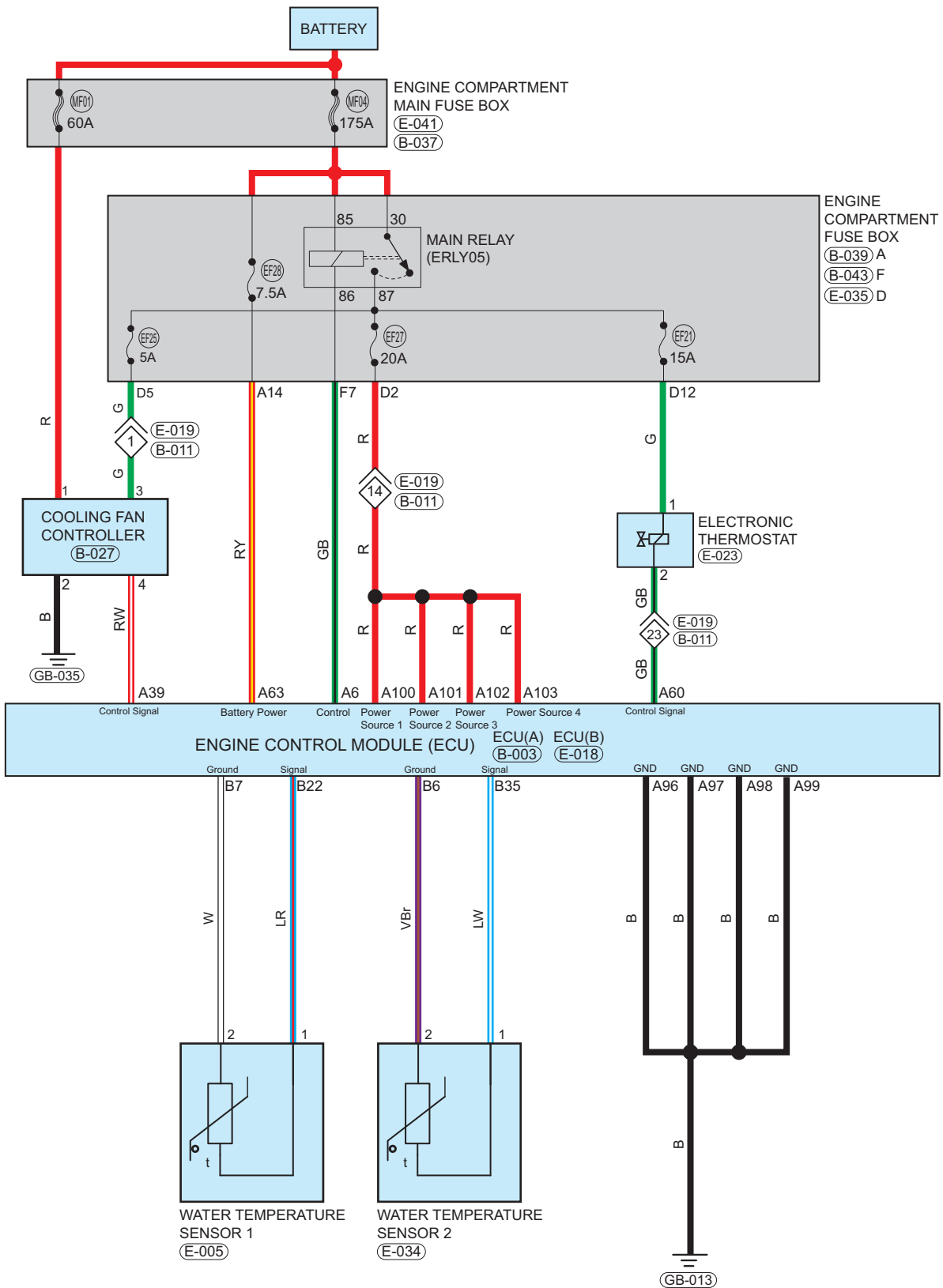
ITE004001



Exhaust System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-049	Downstream Oxygen Sensor	10-43
E-001	ERCV Relief Valve	10-6
E-003	Electronic Waste Gate	10-6
E-016	Upstream Oxygen Sensor	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
GB-013	Ground	10-41

Cooling System



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COE001001



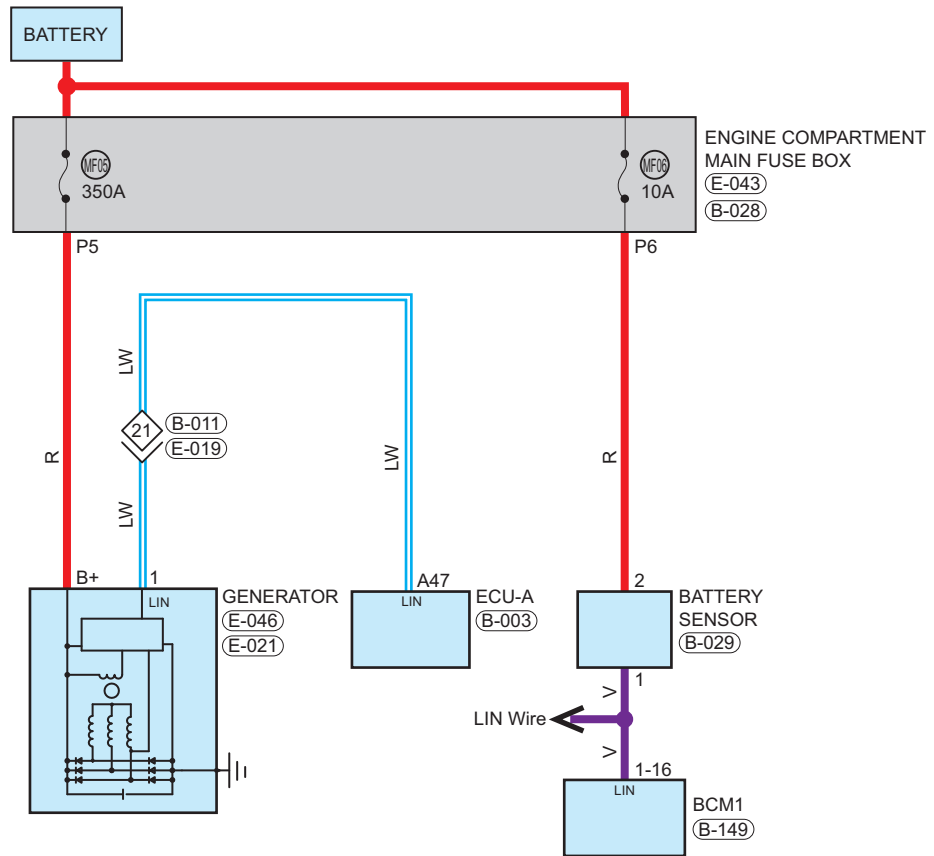
Cooling System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-027	Cooling Fan	10-42
B-037	Cooling Fan Power Supply	10-43
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
E-005	Coolant Temperature Sensor 1	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-023	Electronic Thermostat	10-7
E-034	Coolant Temperature Sensor 2	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
GB-013	Ground	10-41
GB-035	Ground	10-43

Ignition System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-140	Instrument Cluster Fuse Box C4	10-48
E-009	Ignition Coil 4	10-6
E-010	Ignition Coil 3	10-6
E-011	Ignition Coil 2	10-6
E-012	Ignition Coil 1	10-6
E-018	ECU-B	10-6
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7
E-041	PFB-UEC	10-11
GB-012	Ground	10-41
GB-013	Ground	10-41
GE-014	Ground	10-6

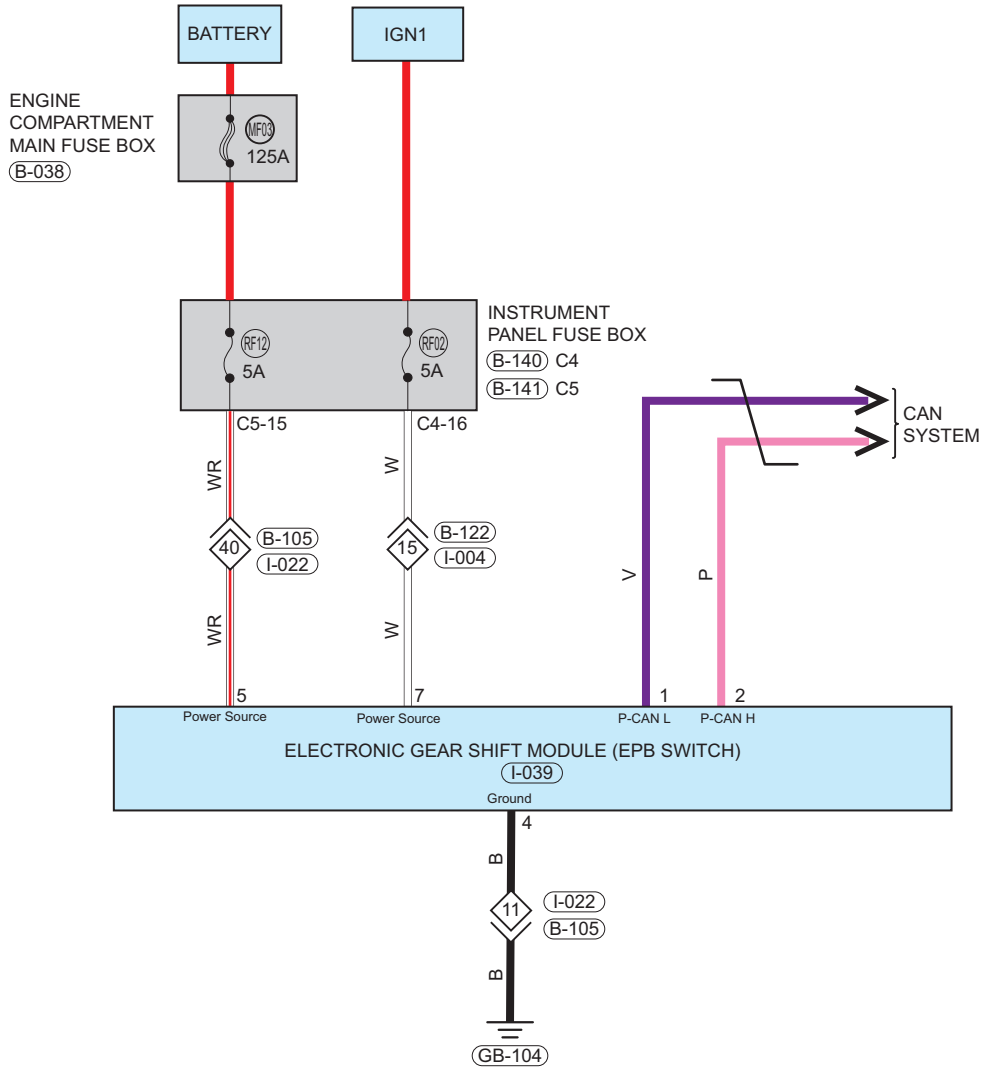
Charging System



Charging System

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-028	Battery Sensor Power Supply	10-42
B-029	Battery Sensor	10-42
B-149	BCM 1	10-48
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-021	Alternator Excitation	10-6
E-043	PFB-ST	10-7
E-046	Alternator	10-7

Electronic Shift Module (EGS)



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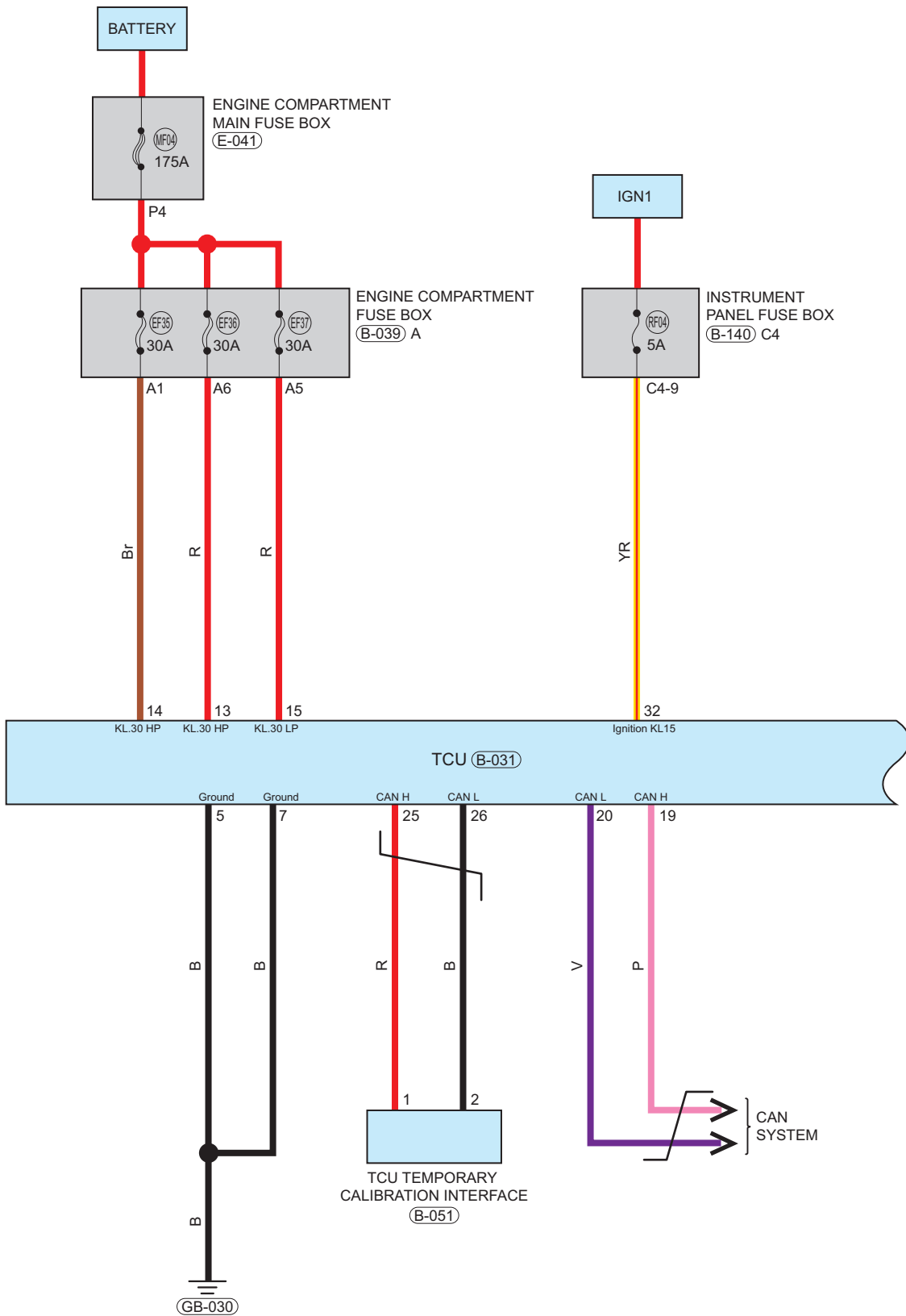
SAE006001



Electronic Shift Module (EGS)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
GB-104	Ground	10-46
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-039	Electronic Shift Module (EPB Switch)	10-58

Transmission Control System (TCU)

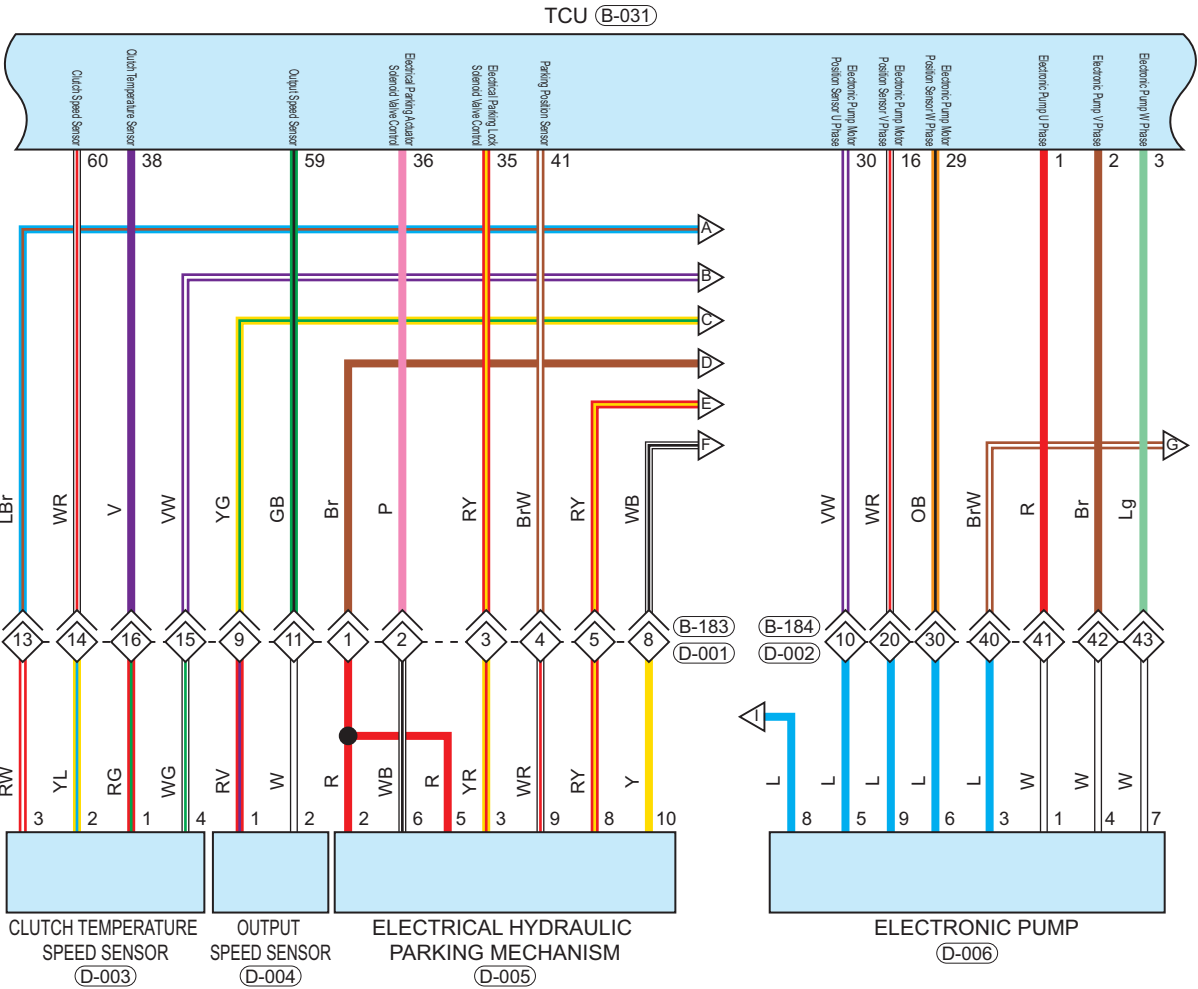


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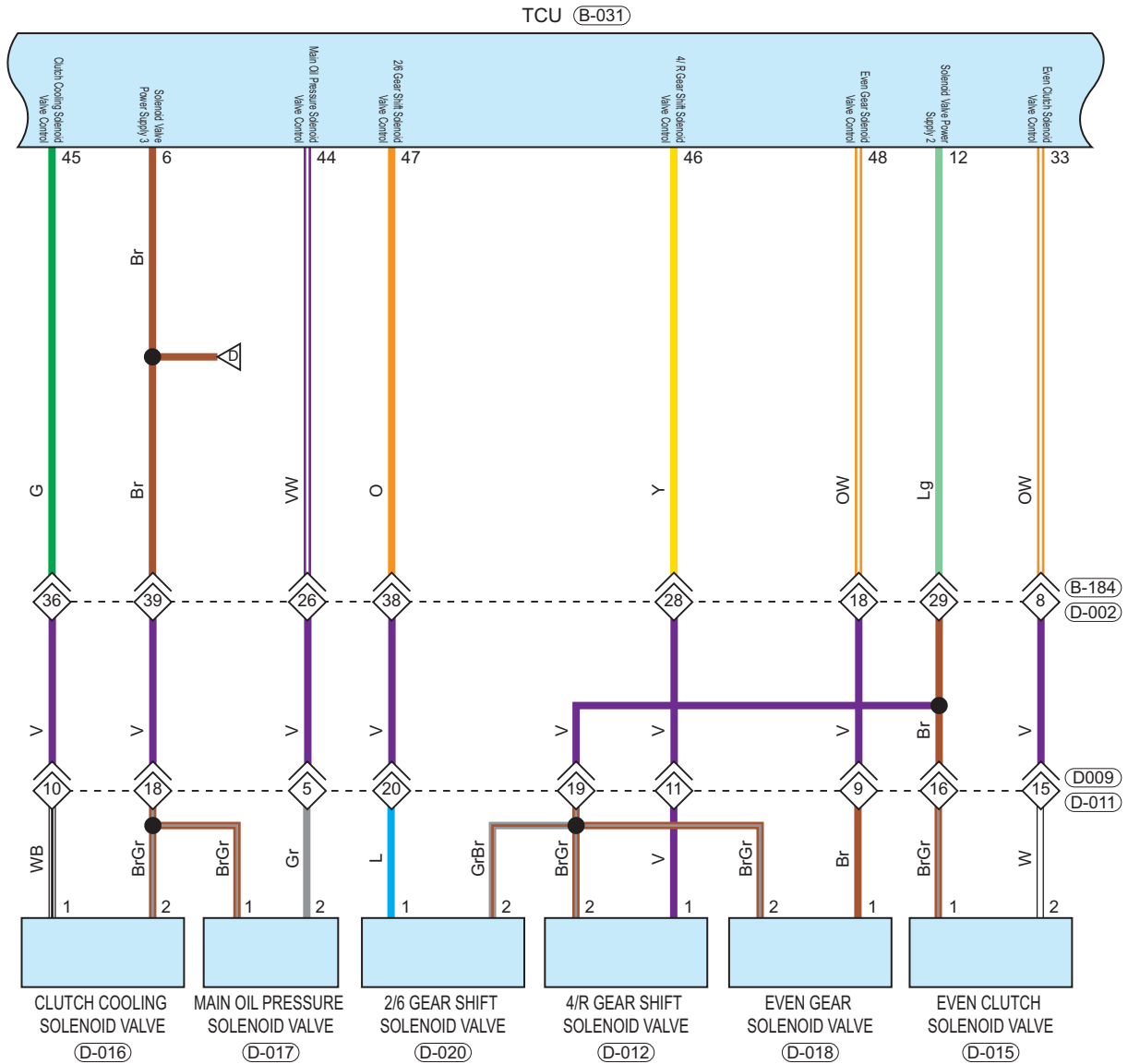
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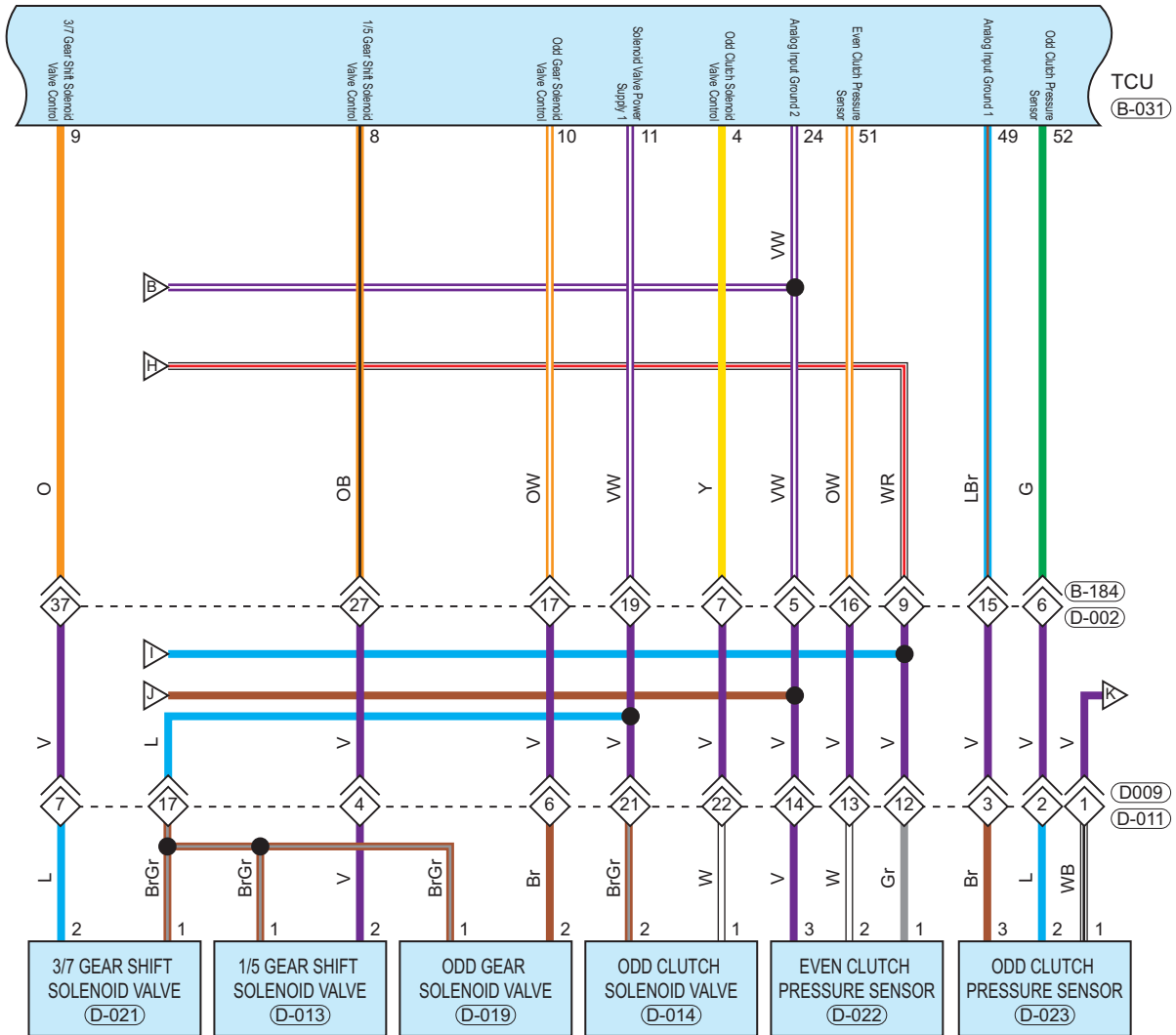
Transmission Control System (TCU)



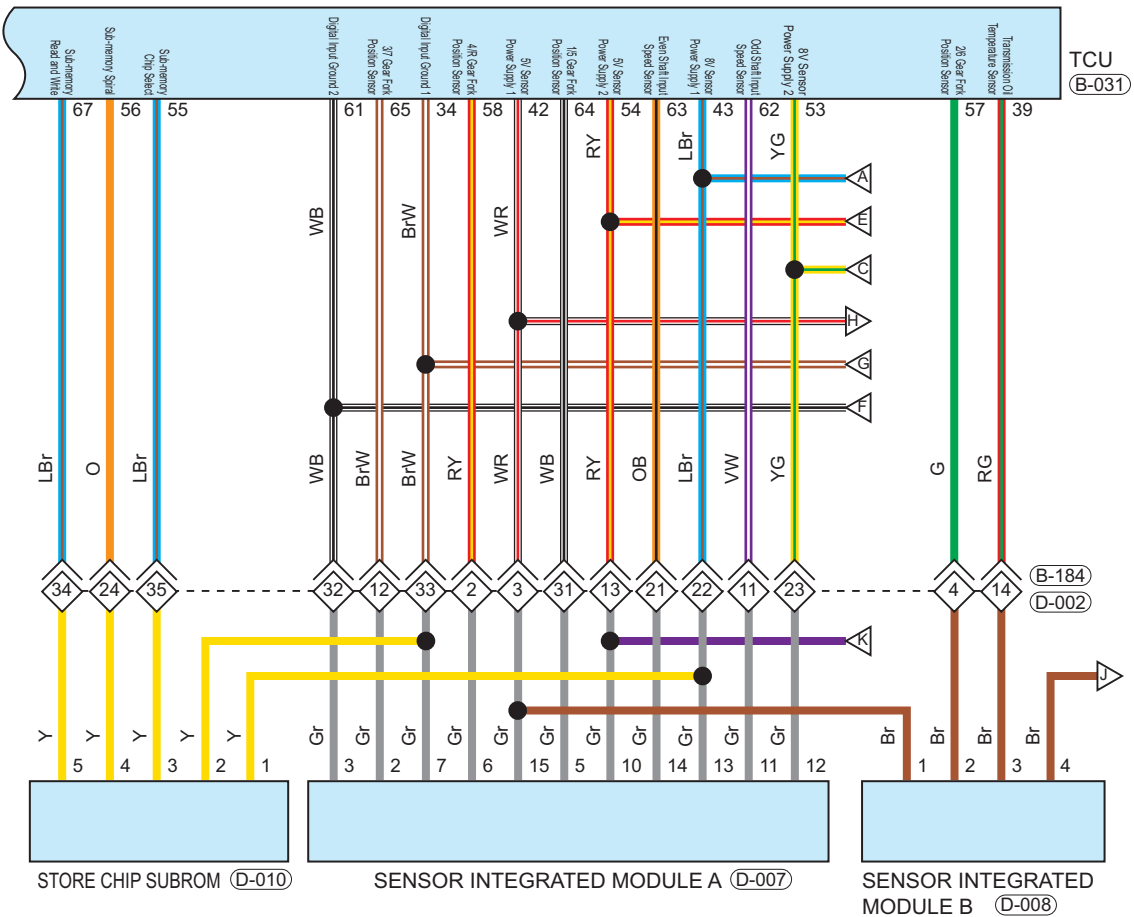
Transmission Control System (TCU)



Transmission Control System (TCU)



Transmission Control System (TCU)

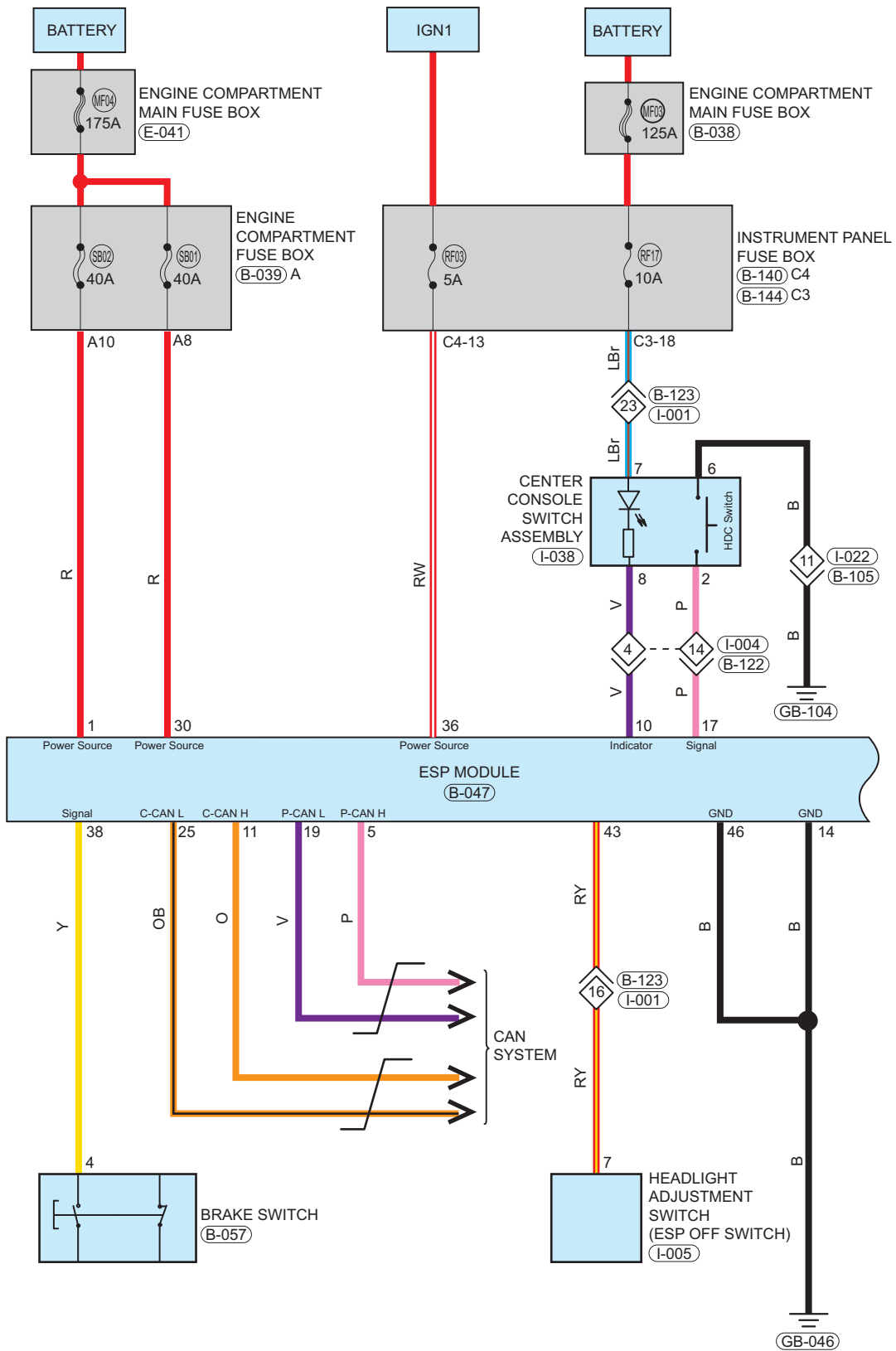


Transmission Control System (TCU)

Wire Harness Connector	Name	Page Number
B-031	TCU	10-43
B-039	Engine Compartment Fuse Box A	10-43
B-051	TCU Temporary Calibration Interface	10-43
B-140	Instrument Cluster Fuse Box C4	10-48
B-183	Interior Wire Harness to Three- in-one Wire Harness	10-50
B-184	Interior Wire Harness to Wire Harness between Engine and Transmission	10-50
D-001	Three-in-one Wire Harness to Interior Wire Harness	10-80
D-002	Wire Harness between Engine and Transmission to Interior Wire Harness	10-80
D-003	Clutch Temperature Speed Sensor	10-80
D-004	Output Speed Sensor	10-80
D-005	Electrical Hydraulic Parking Mechanism	10-80
D-006	Electronic Pump	10-80
D-007	Sensor Integrated Module A	10-80
D-008	Sensor Integrated Module B	10-80
D-009	Hydraulic System Connector	10-80
D-010	Memory Chip SUBROM	10-80
D-011	Hydraulic System Connector	10-80
D-012	4th/R Gear Shift Solenoid Valve	10-80
D-013	1st/5th Gear Shift Solenoid Valve	10-80
D-014	Odd Clutch Solenoid Valve	10-80
D-015	Even Clutch Solenoid Valve	10-80
D-016	Clutch Cooling Solenoid Valve	10-80
D-017	Main Oil Pressure Solenoid Valve	10-80
D-018	Even Gear Solenoid Valve	10-80
D-019	Odd Gear Solenoid Valve	10-80
D-020	2nd/6th Gear Shift Solenoid Valve	10-80

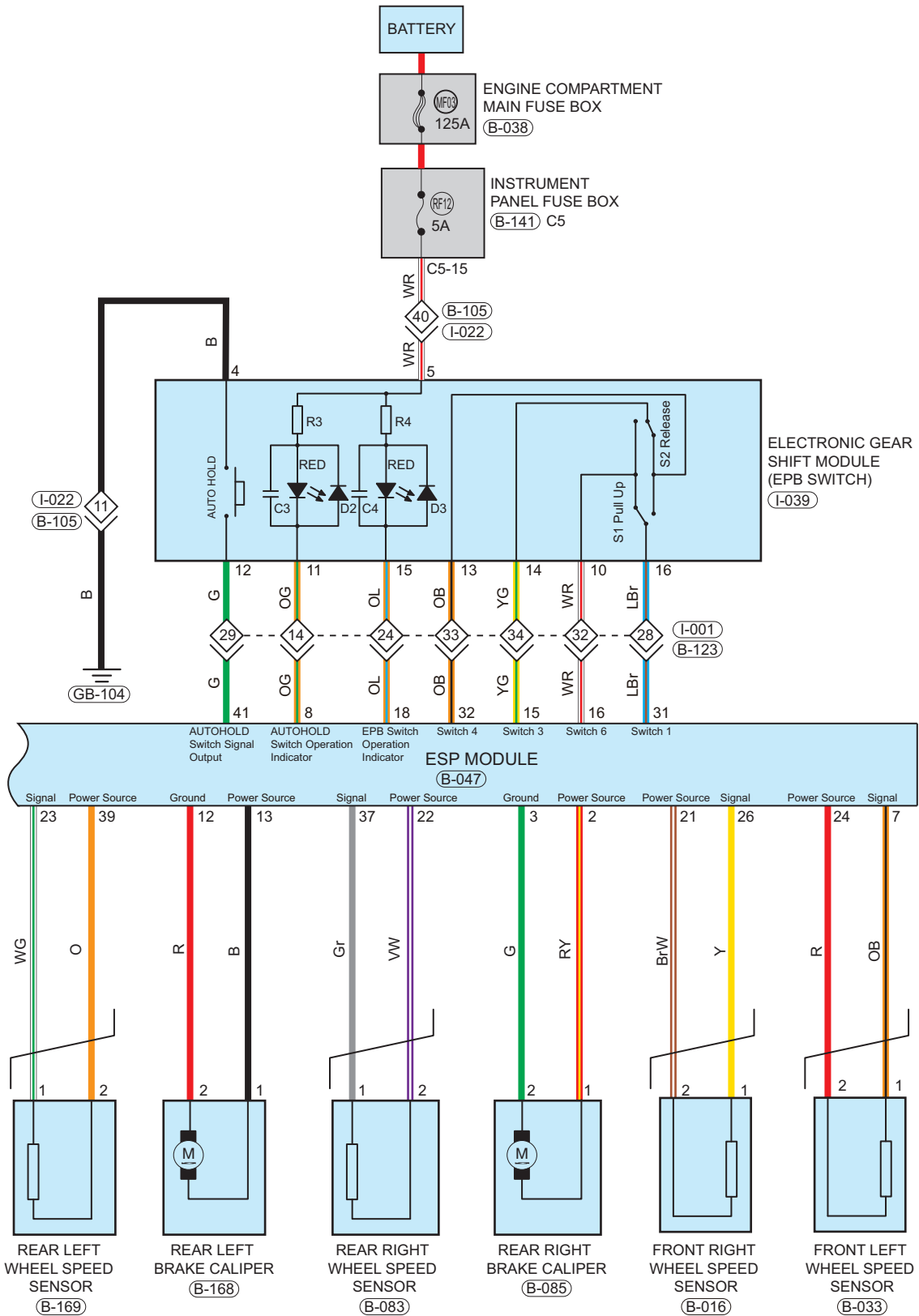
Wire Harness Connector	Name	Page Number
D-021	3rd/7th Gear Shift Solenoid Valve	10-80
D-022	Even Clutch Pressure Sensor	10-80
D-023	Odd Clutch Pressure Sensor	10-80
E-041	PFB-UEC	10-11
GB-030	Ground	10-42

Electronic Stability System (ESP&EPB)



EPE001001

Electronic Stability System (ESP&EPB)

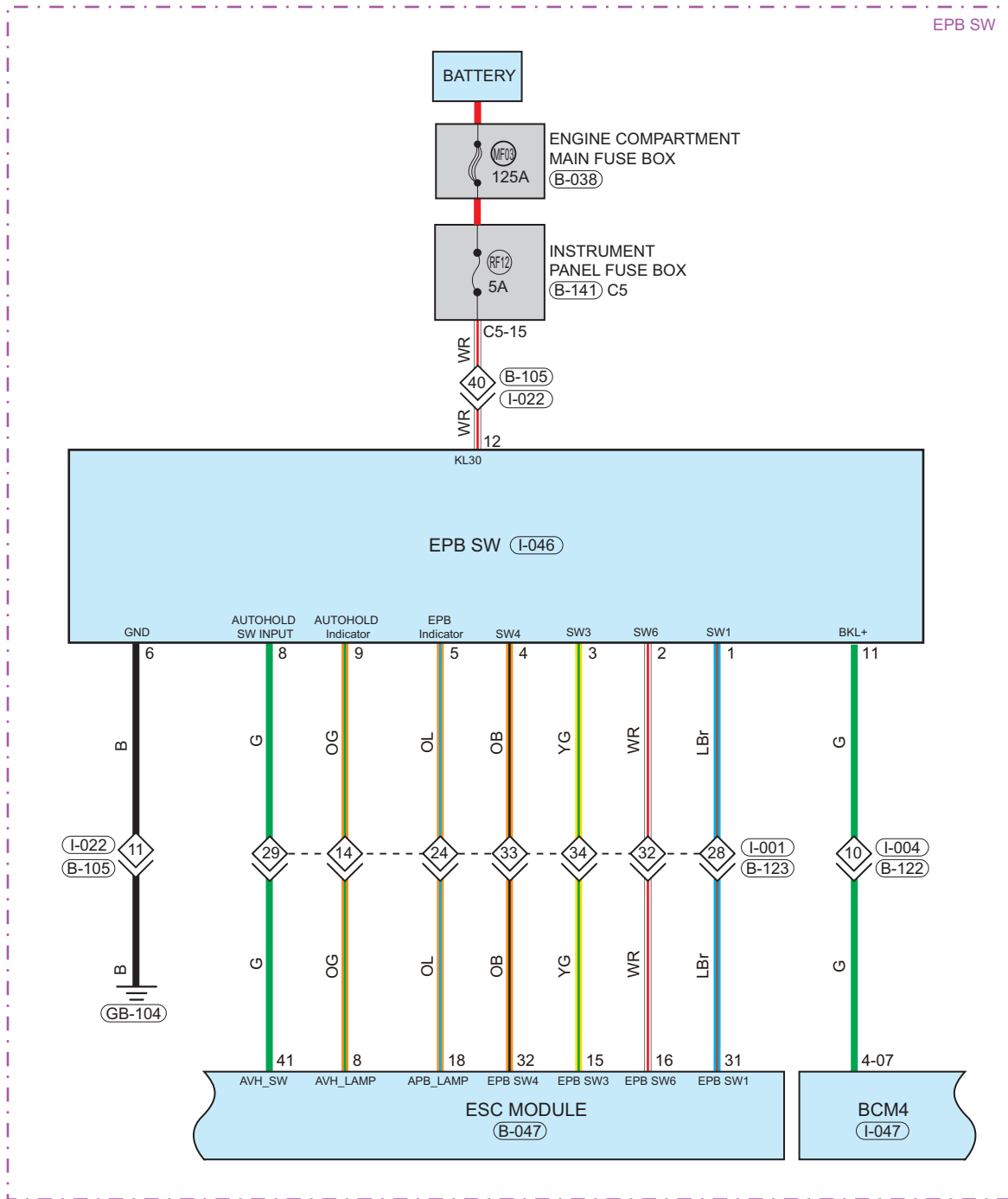


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EPE002001



Electronic Stability System (EPB SW)



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EPE002002

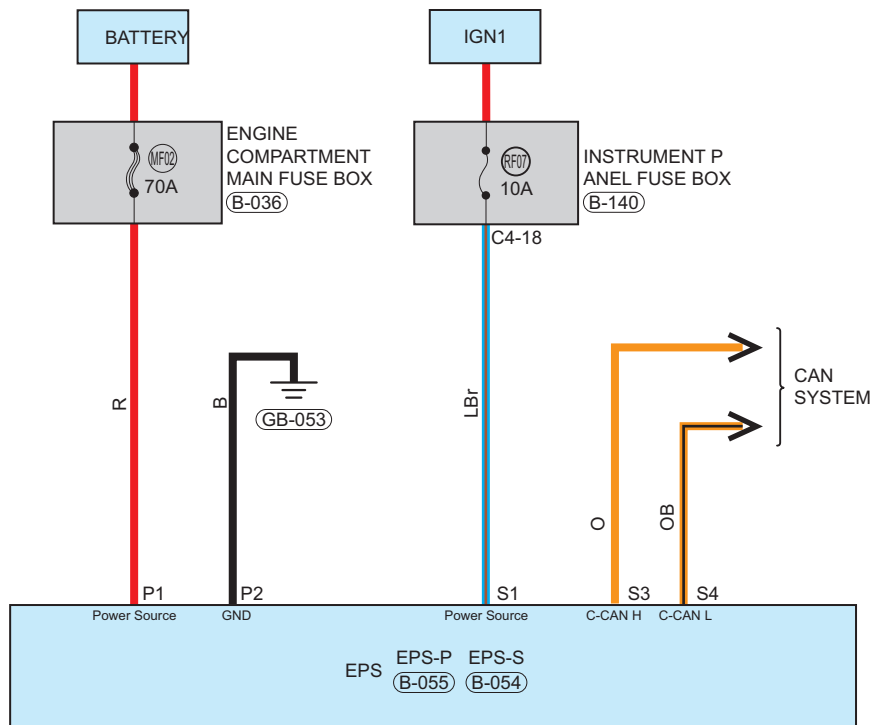


Electronic Stability System (ESP&EPB)

Wire Harness Connector	Name	Page Number
B-016	Front Right Wheel Speed Sensor	10-42
B-033	Front Left Wheel Speed Sensor	10-43
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-039	Engine Compartment Fuse Box A	10-43
B-047	ESP module	10-43
B-057	Brake Switch	10-44
B-083	Rear Left Wheel Speed Sensor	10-45
B-085	Rear Right Brake Caliper	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-168	Rear Left Brake Caliper	10-49
B-169	Rear Left Wheel Speed Sensor	10-49
E-041	PFB-UEC	10-11
GB-046	Ground	10-43
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-005	Headlight Adjustment Switch	10-57

Wire Harness Connector	Name	Page Number
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-038	Central Console Switch Assembly	10-58
I-039	Electronic Shift Module (EPB Switch)	10-58
i-046	EPB SW	10-59
I-047	FIC	10-59

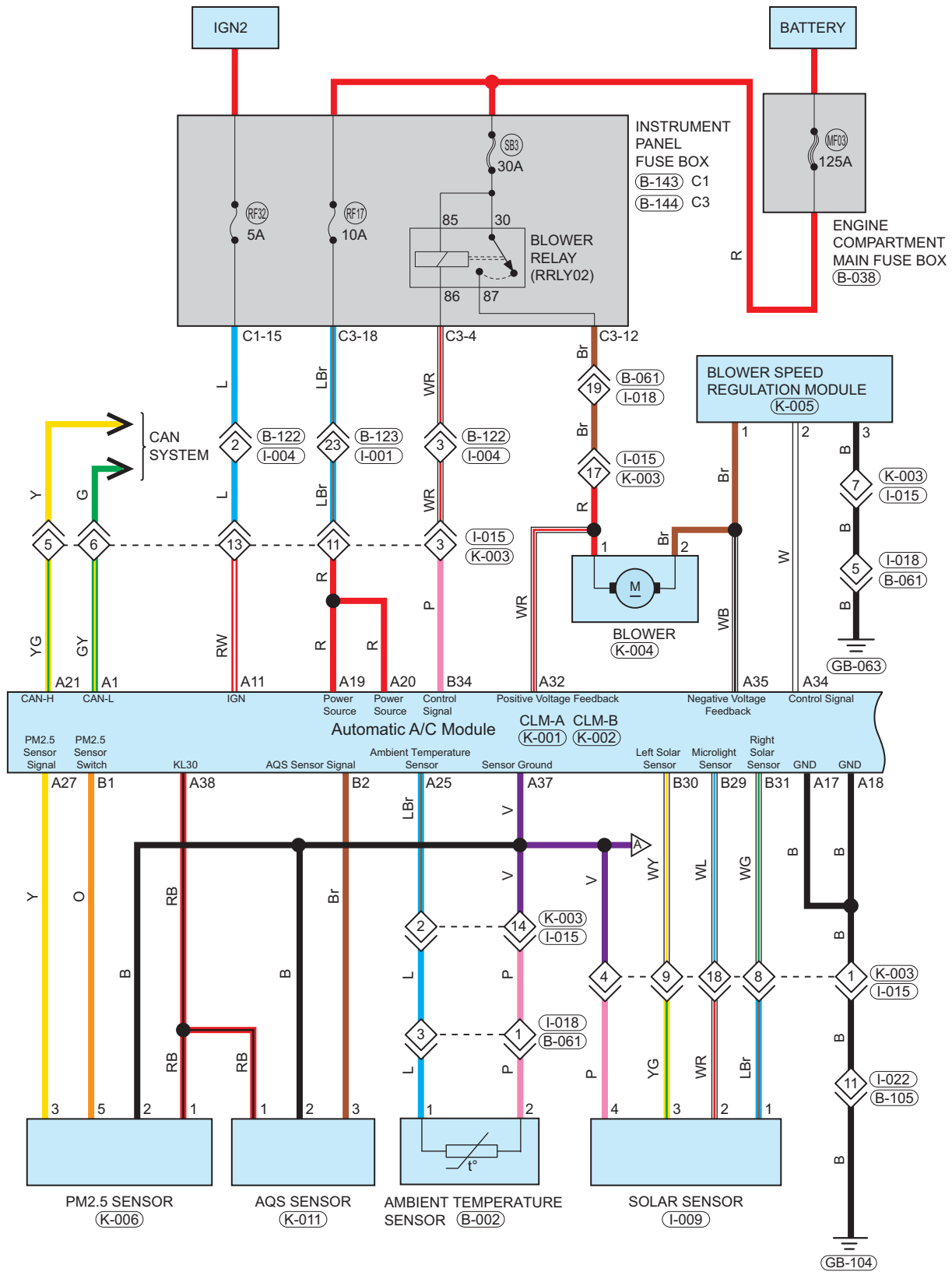
Electronic Power Steering System (EPS)



Electronic Power Steering System (EPS)

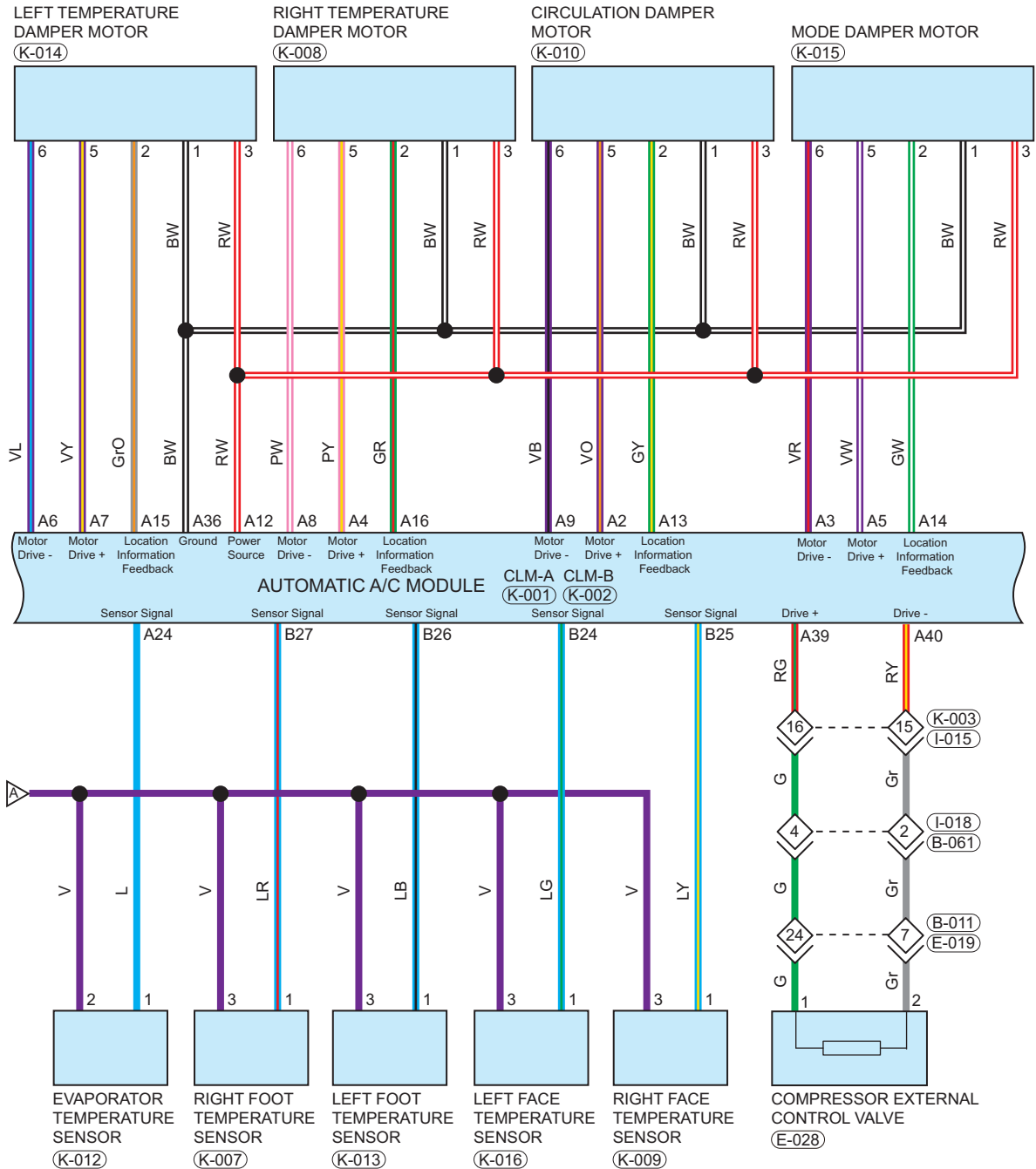
Wire Harness Connector	Name	Page Number
B-036	EPS Power Supply	10-43
B-054	EPS-S	10-44
B-055	EPS-P	10-44
B-140	Instrument Cluster Fuse Box C4	10-48
GB-053	Ground	10-44

Automatic A/C Control System (CLM)



ACE001001

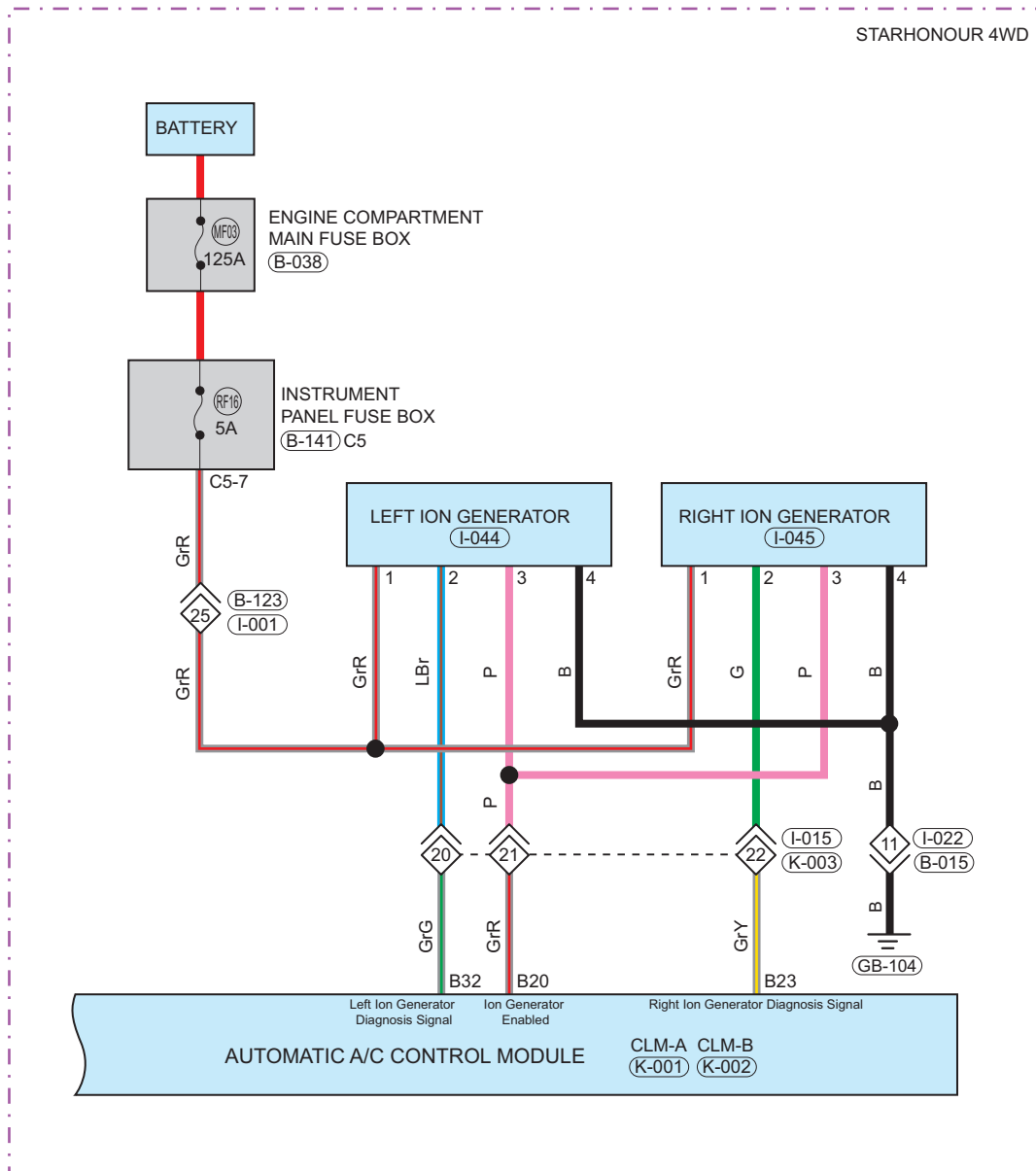
Automatic A/C Control System (CLM)



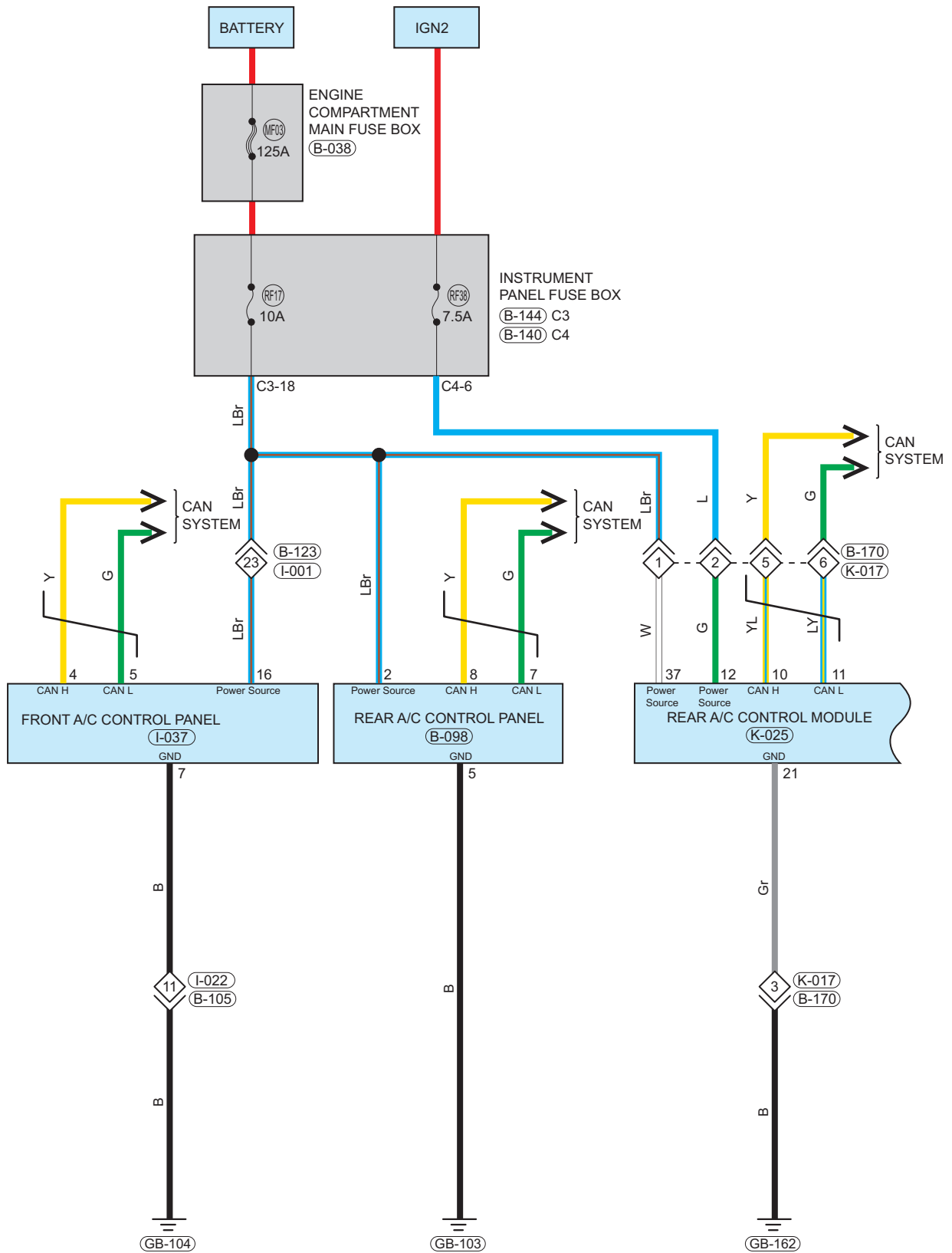
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Automatic A/C Control System (CLM)

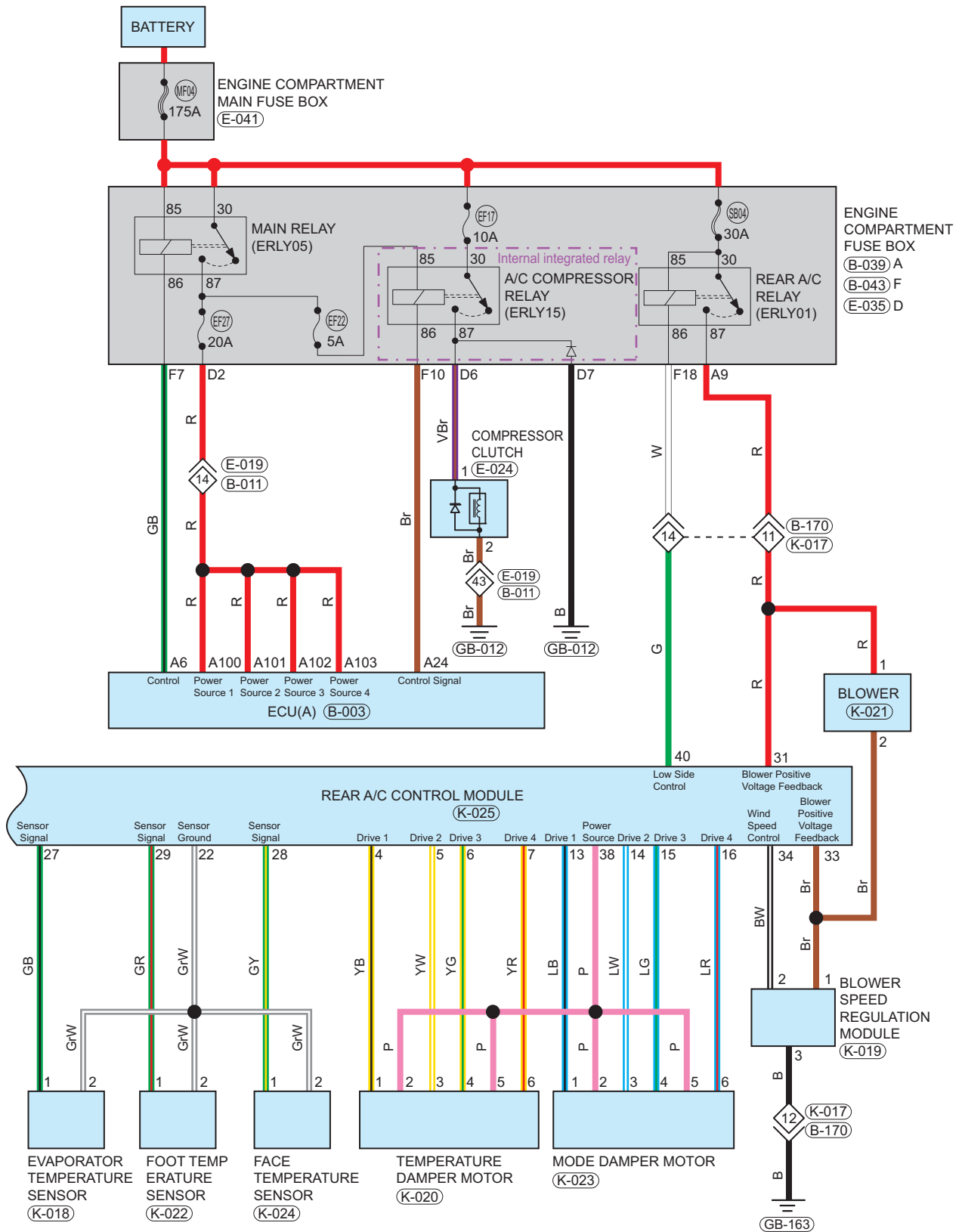


Automatic A/C Control System (CLM)



ACE003001

Automatic A/C Control System (CLM)



ACE004001

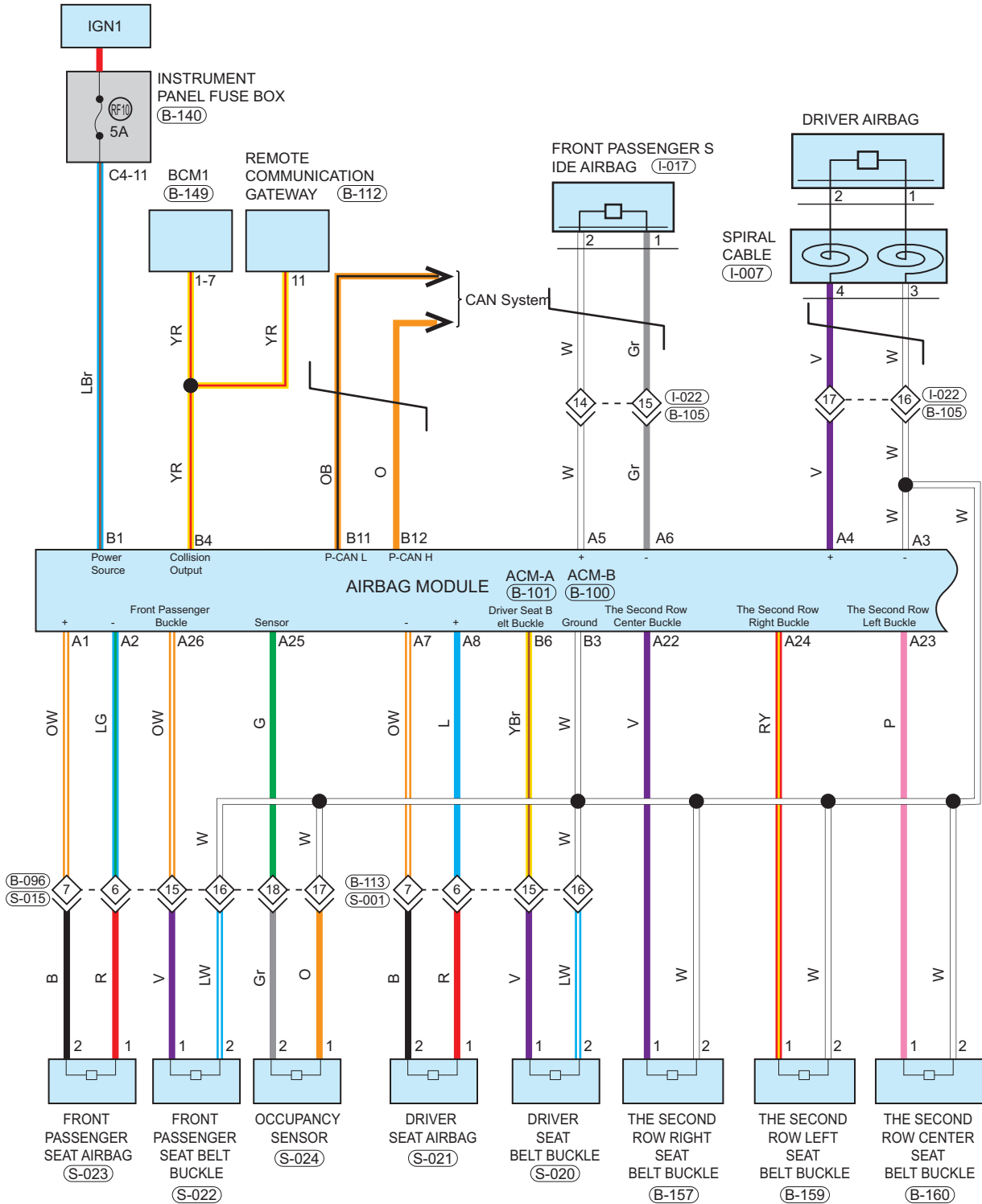
Automatic A/C Control System (CLM)

Wire Harness Connector	Name	Page Number
B-002	Ambient Temperature Sensor	10-41
B-003	ECU-A	10-41
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-039	Engine Compartment Fuse Box A	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-061	Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface 4 (Right Side)	10-44
B-098	Rear A/C Control Panel	10-46
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-170	Interior Wire Harness Interface to Rear A/C Wire Harness	10-49
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-024	Compressor Clutch	10-7
E-028	External Control Compressor Solenoid Valve	10-7
E-035	Engine Compartment Fuse and Relay Box Connector D	10-7

Wire Harness Connector	Name	Page Number
E-041	PFB-UEC	10-11
GB-012	Ground	10-41
GB-063	Ground	10-44
GB-103	Ground	10-46
GB-104	Ground	10-46
GB-162	Ground	10-49
GB-163	Ground	10-49
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-009	Solar Sensor	10-57
I-015	Front A/C Wire Harness Interface	10-57
I-018	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 4 (Right Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-037	Front A/C Control Panel	10-58
I-044	Left Anion Generator	10-58
I-045	Right Anion Generator	10-58
K-001	Automatic A/C Module A	10-74
K-002	Automatic A/C Module B	10-74
K-003	A/C Wire Harness to Instrument Cluster Wire Harness Interface	10-74
K-004	Blower	10-74
K-005	Blower Speed Regulation Module	10-74
K-006	PM2.5 Sensor	10-74
K-007	Right Foot Temperature Sensor	10-74
K-008	Right Temperature Damper Motor	10-74
K-009	Right Face Temperature Sensor	10-74
K-010	Circulation Damper Motor	10-74
K-011	AQS sensor	10-74

Wire Harness Connector	Name	Page Number
K-012	Evaporator Temperature Sensor	10-74
K-013	Left Foot Temperature Sensor	10-74
K-014	Left Temperature Damper Motor	10-74
K-015	Mode Damper Motor	10-74
K-016	Left Face Temperature Sensor	10-74
K-017	Rear A/C Wire Harness to Interior Wire Harness Interface	10-74
K-018	Evaporator Temperature Sensor	10-74
K-019	Blower Speed Regulation Module	10-74
K-020	Temperature Damper Motor	10-74
K-021	Blower	10-74
K-022	Foot Temperature Sensor	10-74
K-023	Mode Damper Motor	10-74
K-024	Face Temperature Sensor	10-74
K-025	Rear A/C Control Module	10-74

Airbag System (ACM)

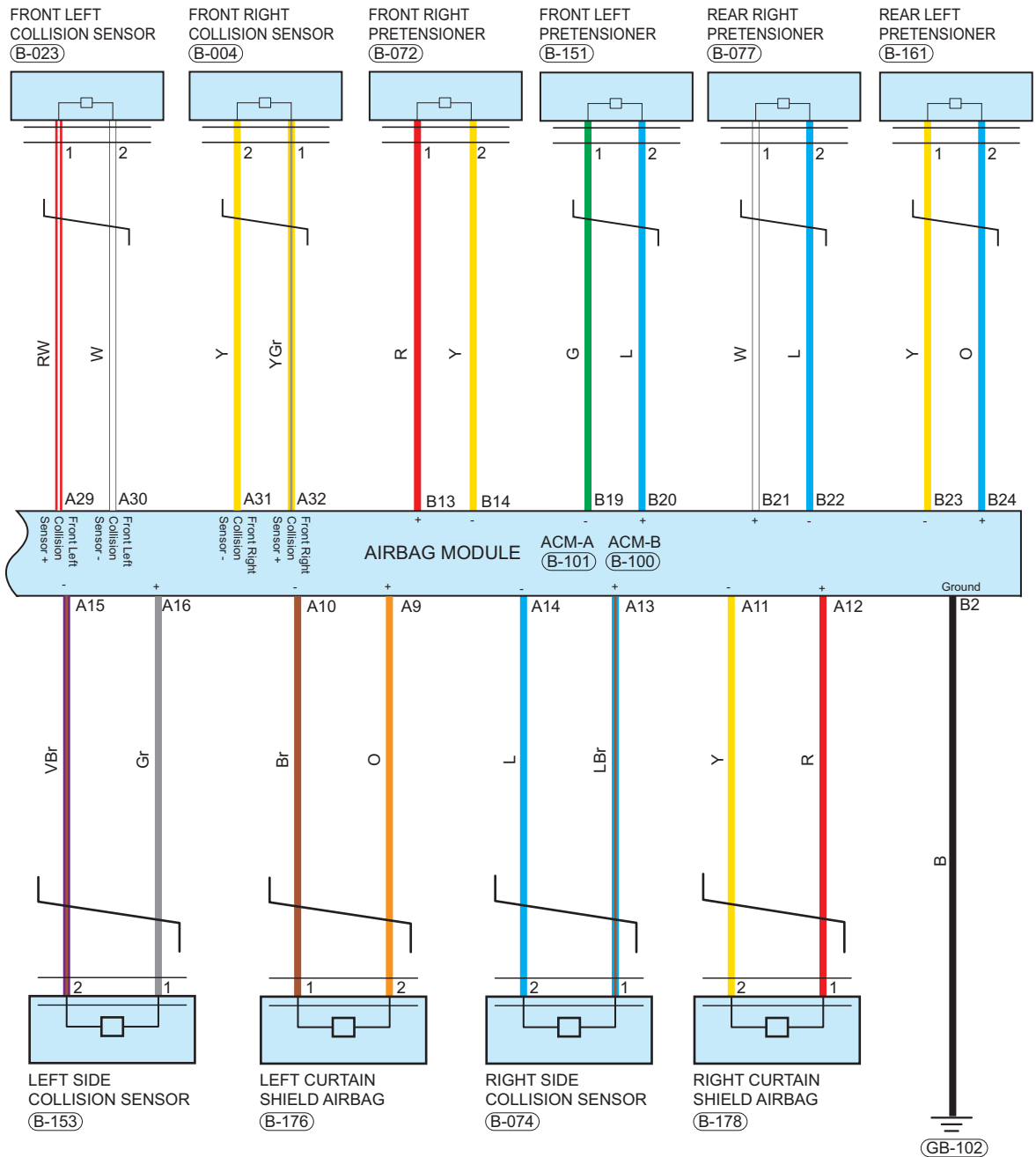


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RSE001001



Airbag System (ACM)



RSE002001

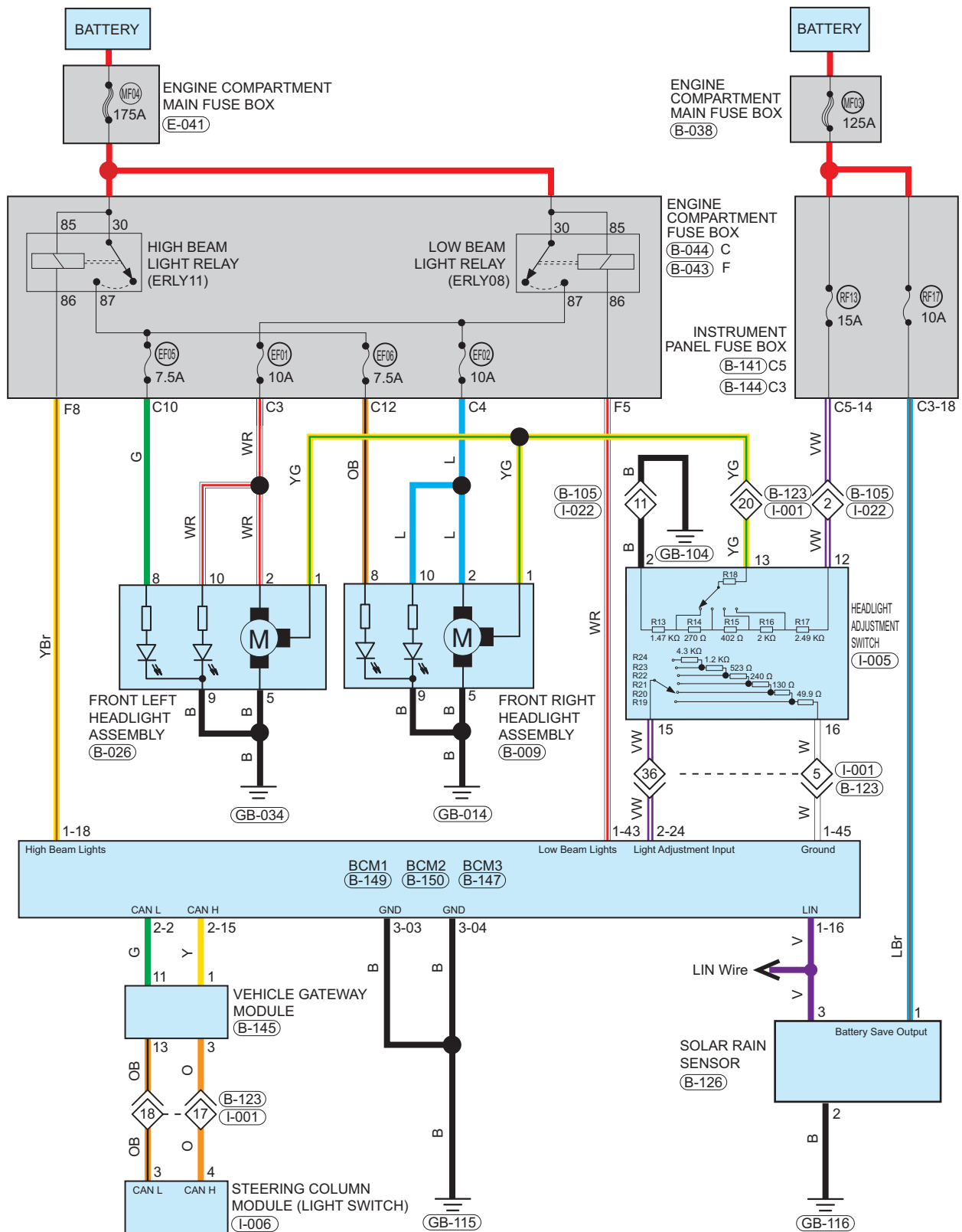
Airbag System (ACM)

Wire Harness Connector	Name	Page Number
B-004	Front Right Collision Sensor	10-41
B-023	Front Left Collision Sensor	10-42
B-072	Front Right Pretensioner	10-44
B-074	Right Side Collision Sensor	10-44
B-077	Rear Right Pretensioner	10-45
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness	10-45
B-100	Airbag Control Module B	10-46
B-101	Airbag Control Module A	10-46
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-112	Remote Communication Gateway	10-46
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness	10-46
B-140	Instrument Cluster Fuse Box C4	10-48
B-149	BCM 1	10-48
B-151	Front Left Pretensioner	10-48
B-153	Left Side Collision Sensor	10-49
B-157	Second Row Right Seat Belt Buckle	10-49
B-159	Second Row Left Seat Belt Buckle	10-49
B-160	Second Row Middle Seat Belt Buckle	10-49
B-161	Rear Left Pretensioner	10-49
B-176	Left Side Curtain Shield Airbag	10-50
B-178	Right Side Curtain Shield Airbag	10-50
GB-102	Ground	10-46
I-007	Spiral Cable	10-57
I-017	Front Passenger Airbag	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

Wire Harness Connector	Name	Page Number
S-001	Driver Seat Wire Harness to Interior Floor Wire Harness	10-75
S-015	Front Passenger Seat Wire Harness to Interior Floor Wire Harness	10-75
S-020	Driver Seat Belt Buckle	10-75
S-021	Driver Seat Airbag	10-75
S-022	Front Passenger Seat Belt Buckle	10-75
S-023	Front Passenger Seat Airbag	10-75
S-024	Occupancy Sensor	10-75

Lighting System

High/Low Beam Light



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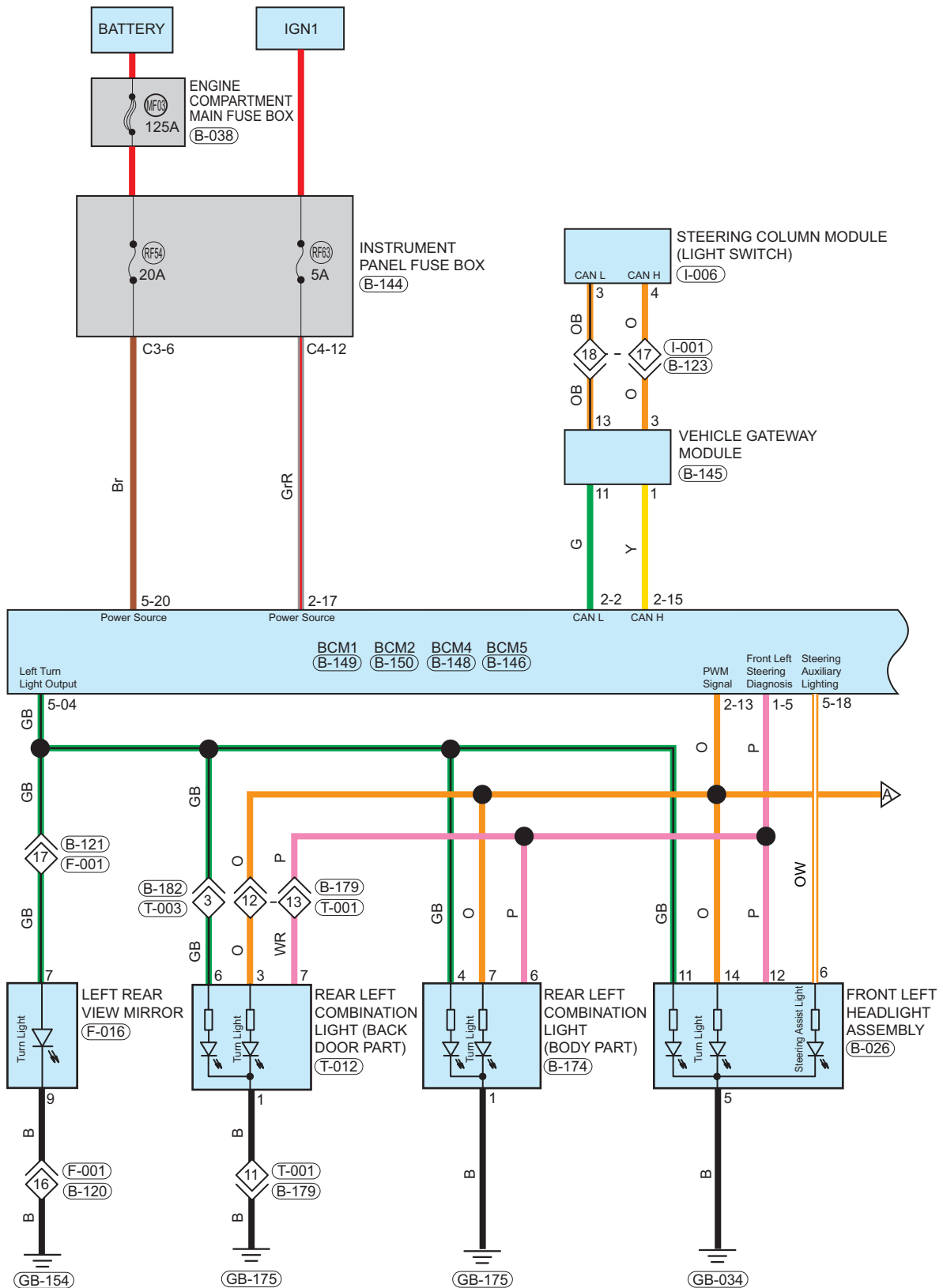
LIE001001



High/Low Beam Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-41
B-026	Front Left Headlight Assembly	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-126	Solar/Rain Sensor	10-47
B-141	Instrument Cluster Fuse Box C5	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-145	Vehicle Gateway Module	10-48
B-147	BCM 3	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
E-041	PFB-UEC	10-11
GB-014	Ground	10-41
GB-034	Ground	10-43
GB-104	Ground	10-46
GB-115	Ground	10-46
GB-116	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-005	Headlight Adjustment Switch	10-57
I-006	Steering Column Module	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

Turn Signal Light

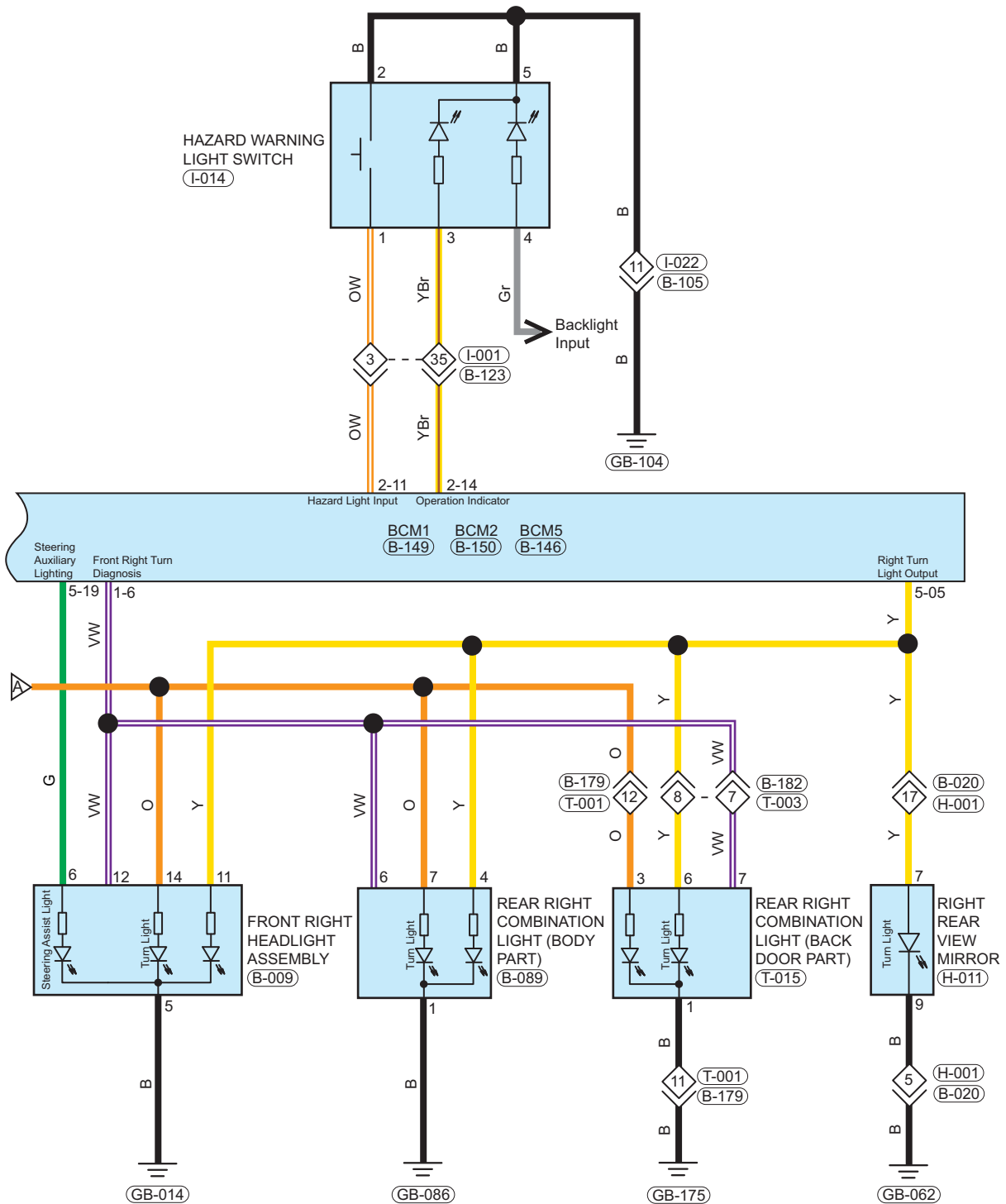


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Turn Signal Light



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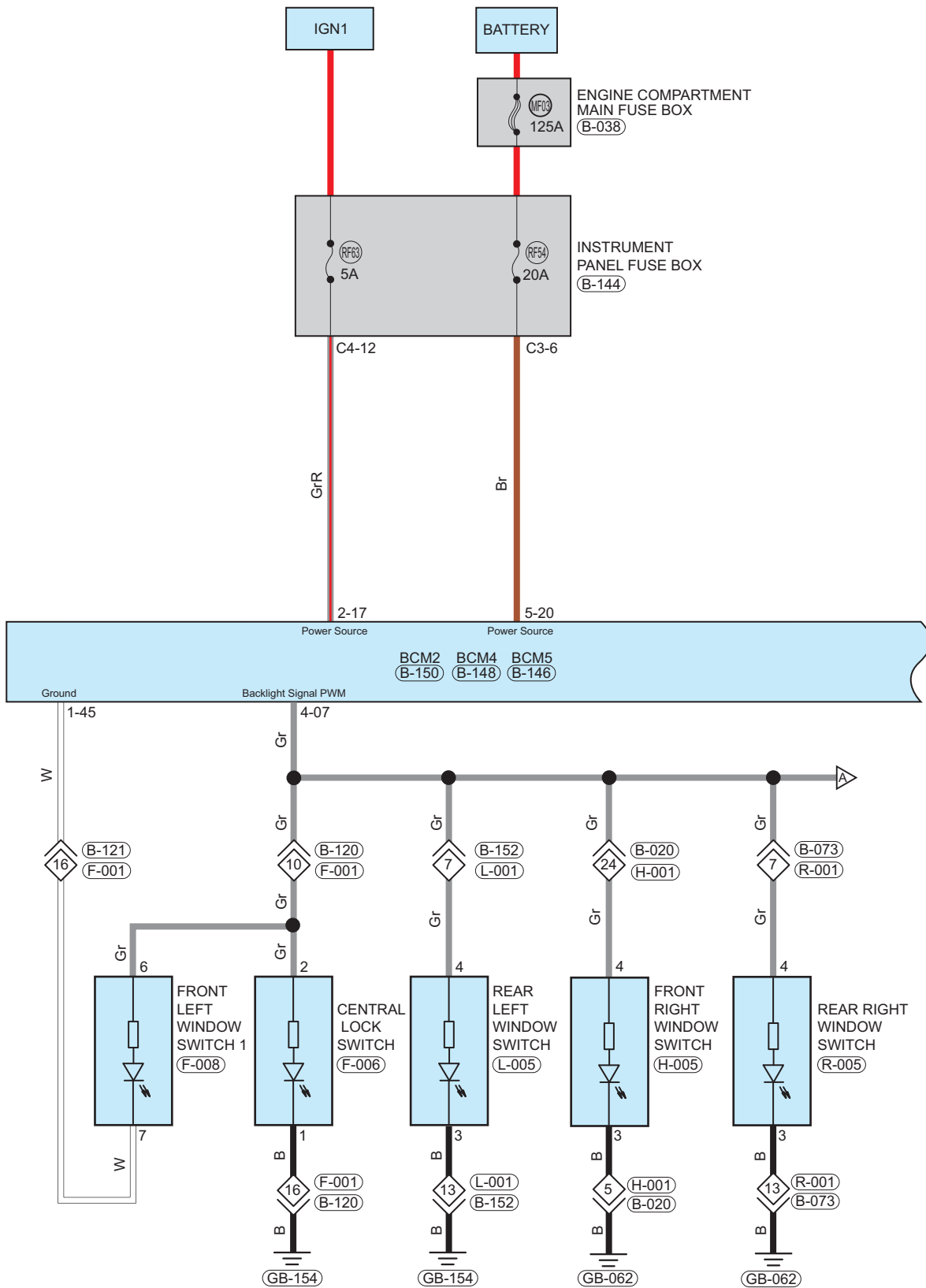


Turn Signal Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-41
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-026	Front Left Headlight Assembly	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-089	Rear Right Combination Light (Body Part)	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-144	Instrument Cluster Fuse Box C3	10-48
B-145	Vehicle Gateway Module	10-48
B-146	BCM 5	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-174	Rear Left Combination Light (Body Part)	10-50
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-016	Left Rear View Mirror Interface	10-61
GB-014	Ground	10-41
GB-034	Ground	10-43

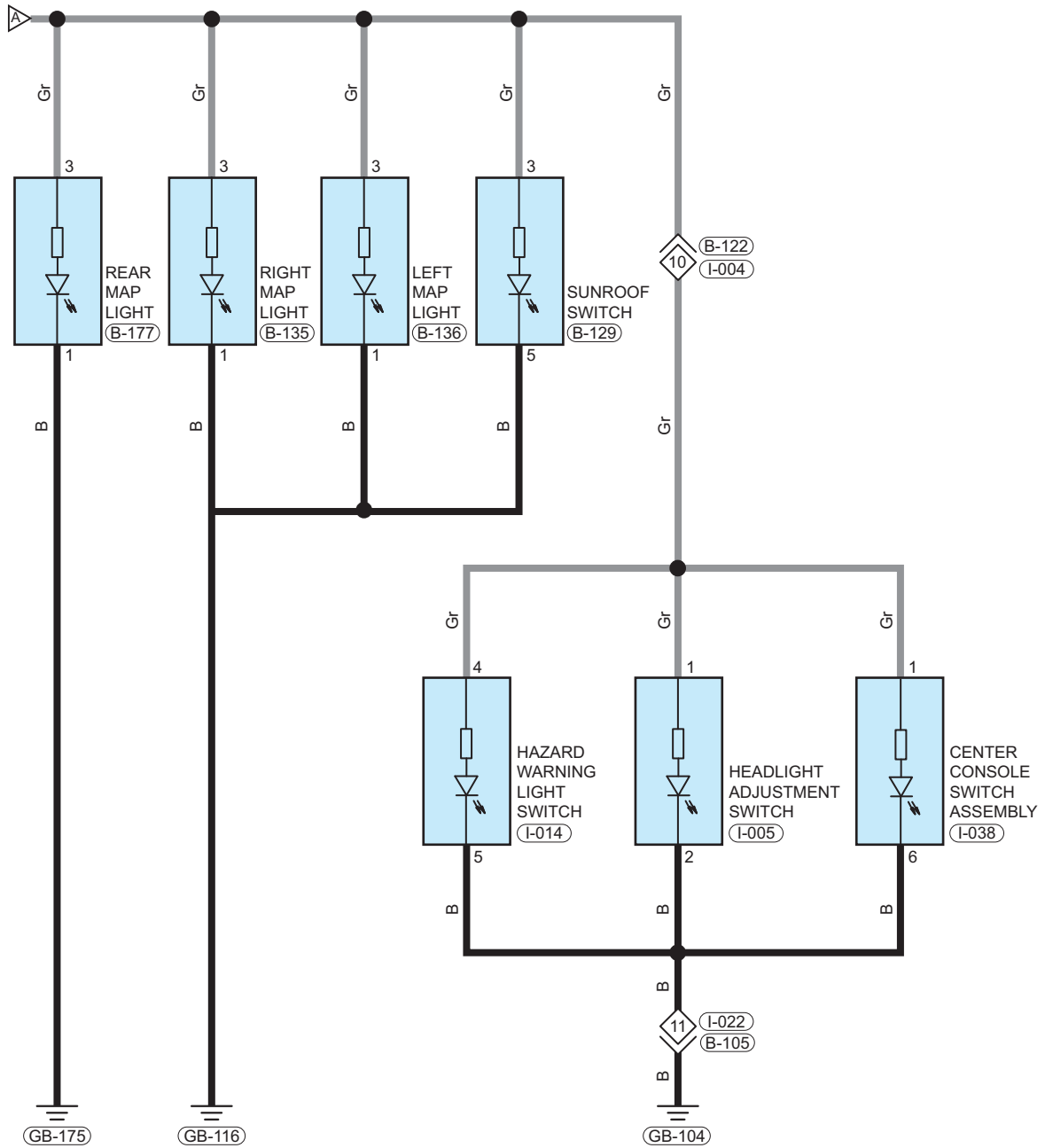
Wire Harness Connector	Name	Page Number
GB-062	Ground	10-44
GB-086	Ground	10-45
GB-154	Ground	10-49
GB-175	Ground	10-50
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-011	Right Rear View Mirror Interface	10-63
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-006	Steering Column Module	10-57
I-014	Hazard Warning Light Switch	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-012	Rear Left Combination Light (Back Door Part)	10-71
T-015	Rear Right Combination Light (Back Door Part)	10-71

Background Light



LIE006001

Background Light



LIE007001

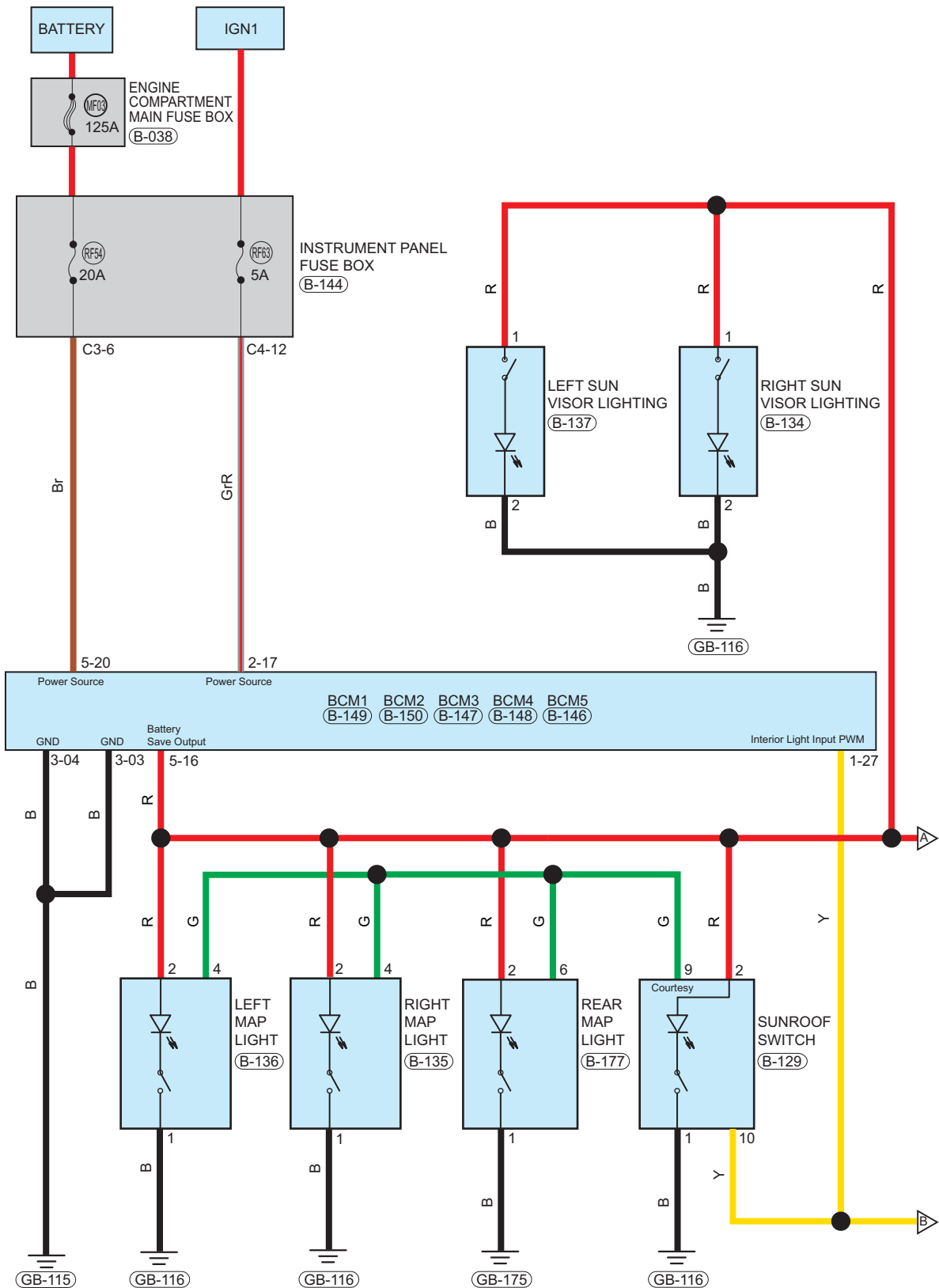


Background Light

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-44
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-129	Sliding Roof Switch	10-47
B-135	Right Map Light	10-48
B-136	Left Map Light	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-146	BCM 5	10-48
B-148	BCM 4	10-48
B-150	BCM 2	10-48
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-49
B-177	Rear Map Light	10-50
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-006	Central Control Lock Switch	10-61
F-008	Front Left Window Switch 1	10-61
GB-062	Ground	10-44
GB-104	Ground	10-46
GB-116	Ground	10-46
GB-154	Ground	10-49

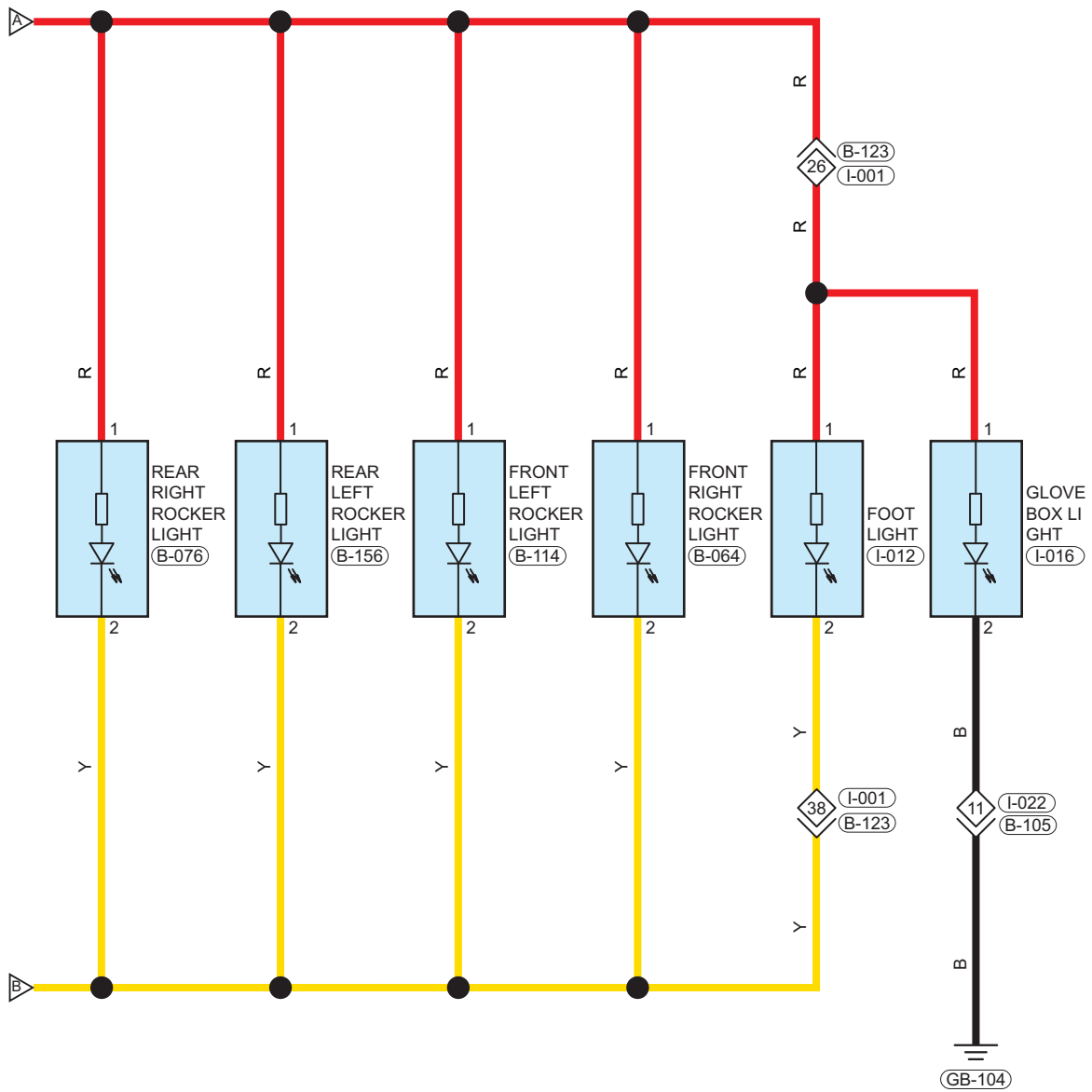
Wire Harness Connector	Name	Page Number
GB-175	Ground	10-50
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-005	Front Right Window Switch	10-63
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-005	Headlight Adjustment Switch	10-57
I-014	Hazard Warning Light Switch	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-038	Central Console Switch Assembly	10-58
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-65
L-005	Rear Left Window Switch	10-65
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-67
R-005	Rear Right Window Switch	10-67

Map Light, Vanity Light, Foot Light, Glove Box Light, Doorsill Light



LIE009001

Map Light, Vanity Light, Foot Light, Glove Box Light, Doorsill Light

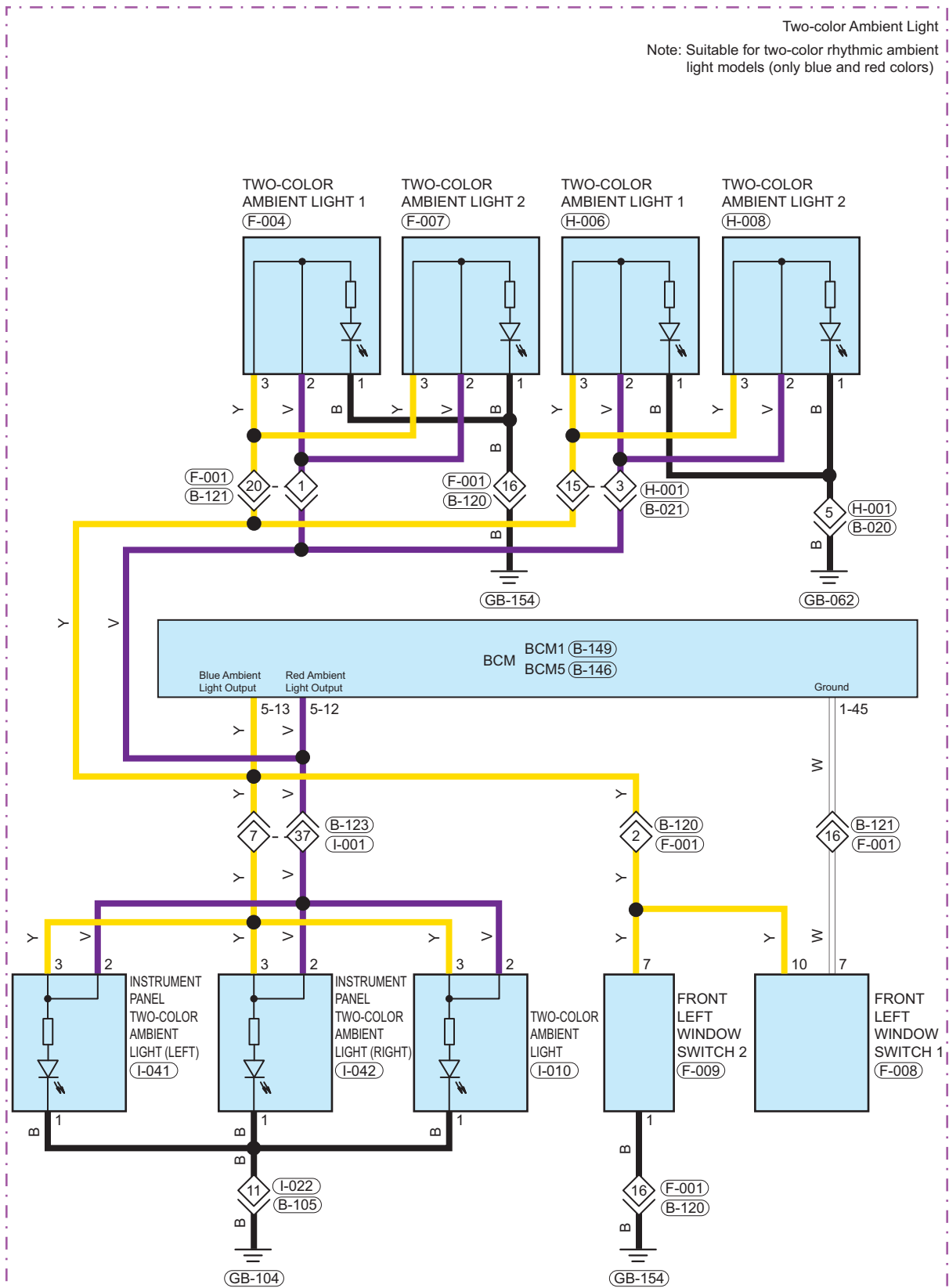


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Map Light, Vanity Light, Foot Light, Glove Box Light, Doorsill Light

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-064	Front Right Doorsill Light	10-44
B-076	Rear Right Doorsill Light	10-44
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-114	Front Left Doorsill Light	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-129	Sliding Roof Switch	10-47
B-134	Right Sun Visor Lighting	10-48
B-135	Right Map Light	10-48
B-136	Left Map Light	10-48
B-137	Left Sun Visor Lighting	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-146	BCM 5	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-156	Rear Left Doorsill Light	10-49
B-177	Rear Map Light	10-50
GB-104	Ground	10-46
GB-115	Ground	10-46
GB-116	Ground	10-46
GB-175	Ground	10-50
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-012	Foot Light	10-57
I-016	Glove Box Light	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

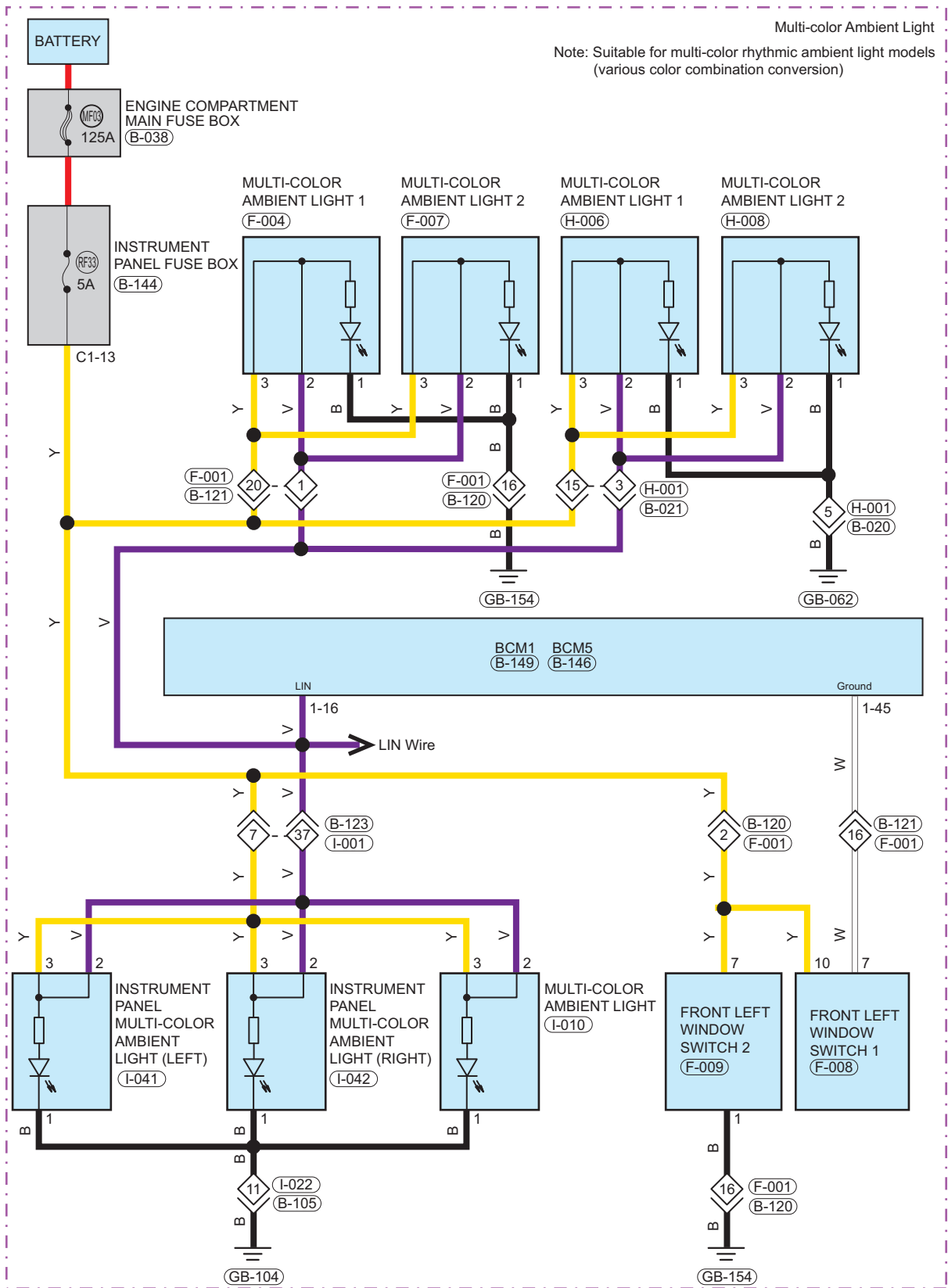
Ambient light



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Ambient light



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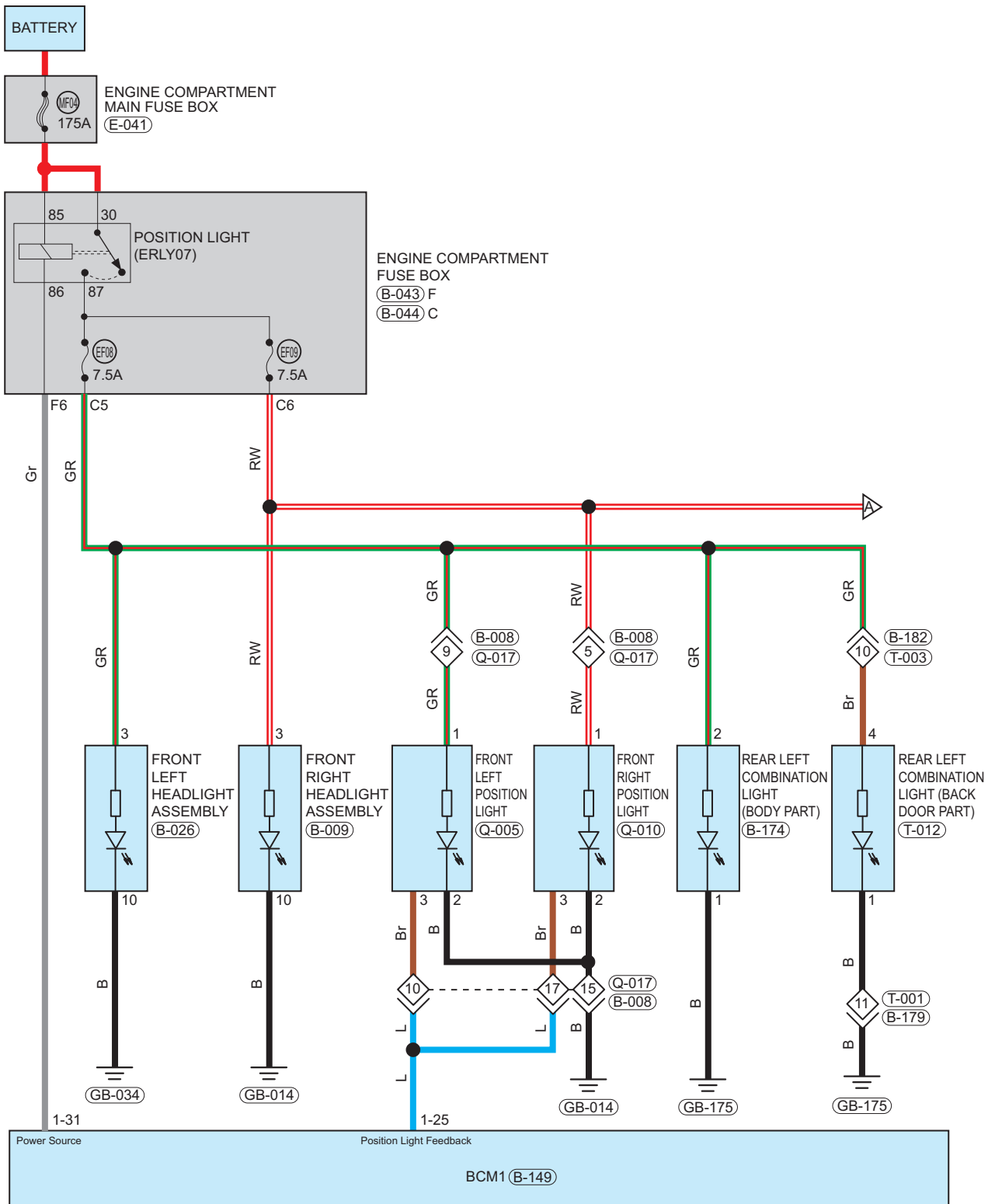


Ambient light

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-144	Instrument Cluster Fuse Box C3	10-48
B-146	BCM 5	10-48
B-149	BCM 1	10-48
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-004	Dual Color/Multi-Color Ambient Light 1	10-61
F-007	Dual Color/Multi-Color Ambient Light 2	10-61
F-008	Front Left Window Switch 1	10-61
F-009	Front Left Window Switch 2	10-61
GB-062	Ground	10-44
GB-104	Ground	10-46
GB-154	Ground	10-49
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-006	Dual Color/Multi-Color Ambient Light 1	10-63
H-008	Dual Color/Multi-Color Ambient Light 2	10-63

Wire Harness Connector	Name	Page Number
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-010	Dual Color/Multi-Color Ambient Light	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-041	Instrument Panel Dual Color / Multi-Color Ambient Light (Left)	10-58
I-042	Instrument Panel Dual Color / Multi-Color Ambient Light (Right)	10-58

Position Light, License Light



LIE014001

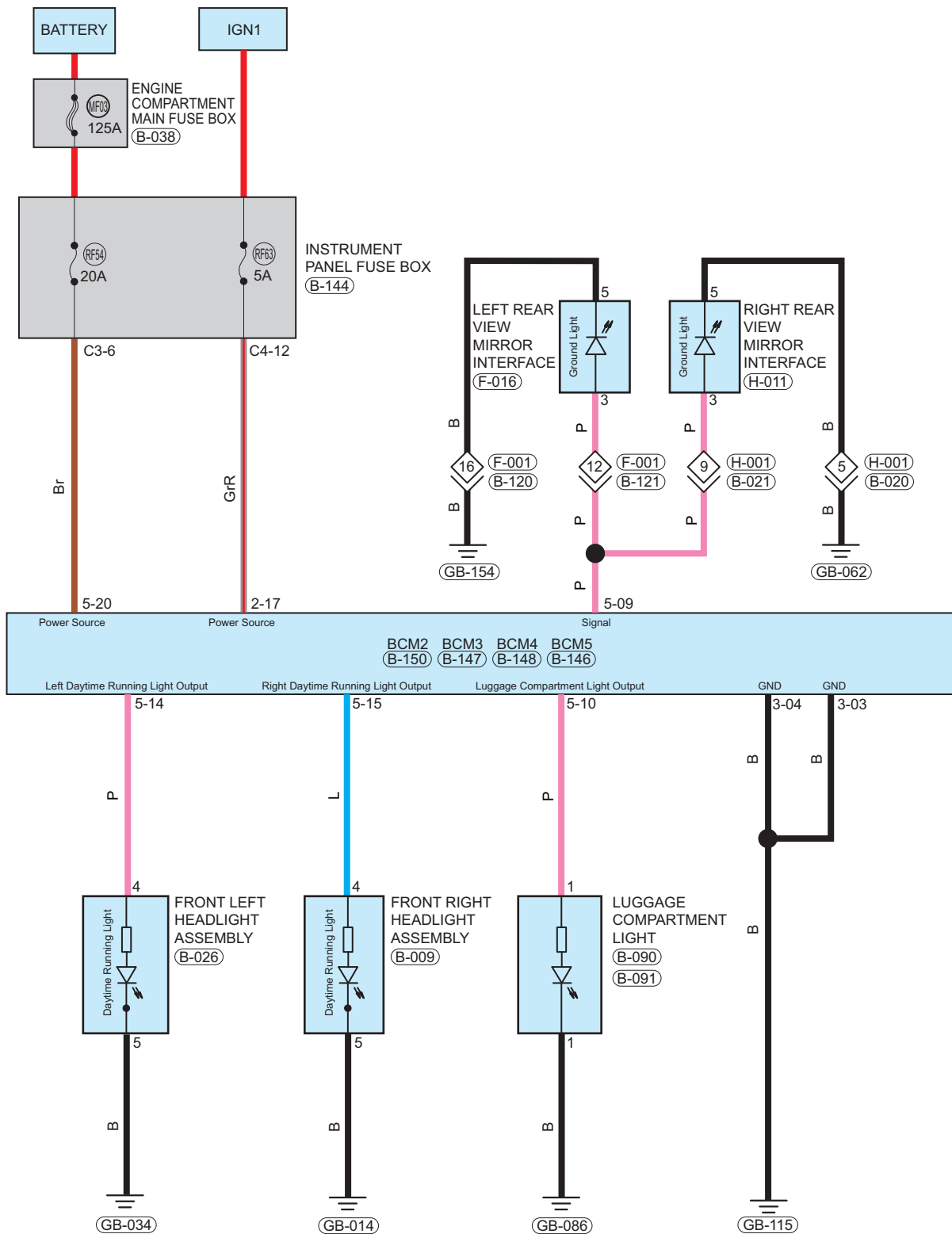


Position Light, License Light

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-41
B-009	Front Right Headlight Assembly	10-41
B-026	Front Left Headlight Assembly	10-42
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-089	Rear Right Combination Light (Body Part)	10-45
B-149	BCM 1	10-48
B-174	Rear Left Combination Light (Body Part)	10-50
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
E-041	PFB-UEC	10-11
GB-014	Ground	10-41
GB-086	Ground	10-45
GB-175	Ground	10-50
Q-005	Front Left Position Light	10-13
Q-010	Front Right Position Light	10-13
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-13
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-012	Rear Left Combination Light (Back Door Part)	10-71
T-014	Rear Back Door Wire Harness to Rear Back Door A Wire Harness	10-71
T-015	Rear Right Combination Light (Back Door Part)	10-71

Wire Harness Connector	Name	Page Number
T-016	Rear Back Door Wire Harness to Rear Back Door B Wire Harness	10-71
T-019	Right License Plate Light	10-71
T-021	Rear Back Door A Wire Harness to Rear Back Door Wire Harness	10-71
T-022	Rear Back Door B Wire Harness to Rear Back Door Wire Harness	10-71
T-026	Left License Plate Light	10-71

Luggage Compartment Light, Daytime Running Light, Foot Light



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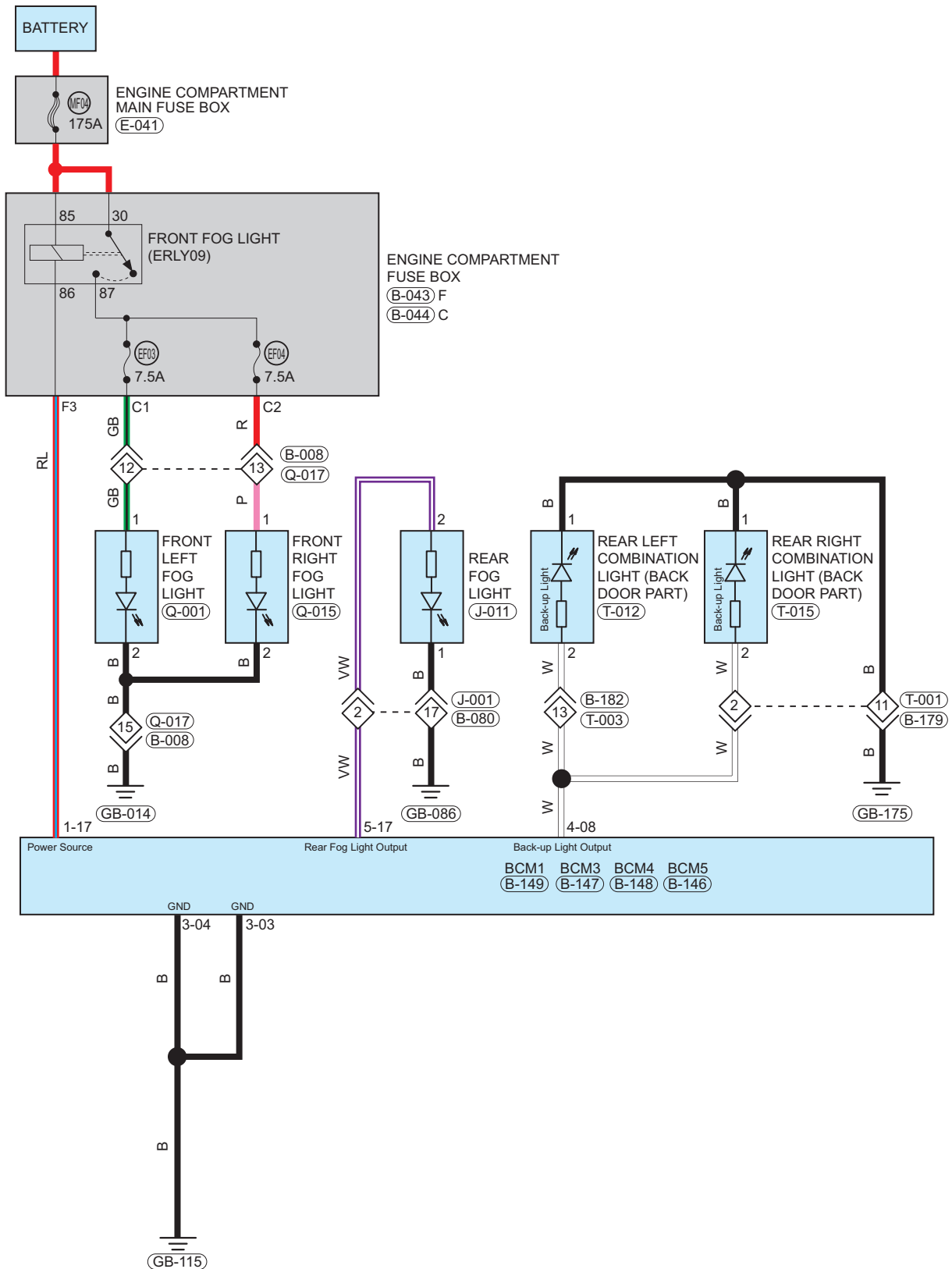
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Luggage Compartment Light, Daytime Running Light, Foot Light

Wire Harness Connector	Name	Page Number
B-009	Front Right Headlight Assembly	10-41
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-026	Front Left Headlight Assembly	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-090	Luggage Compartment Light	10-45
B-091	Luggage Compartment Light Ground	10-45
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-144	Instrument Cluster Fuse Box C3	10-48
B-146	BCM 5	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-150	BCM 2	10-48
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-016	Left Rear View Mirror Interface	10-61
GB-014	Ground	10-41
GB-034	Ground	10-43
GB-062	Ground	10-44
GB-086	Ground	10-45
GB-115	Ground	10-46
GB-154	Ground	10-49
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-011	Right Rear View Mirror Interface	10-63

Fog Light, Back-up Light



LIE019001

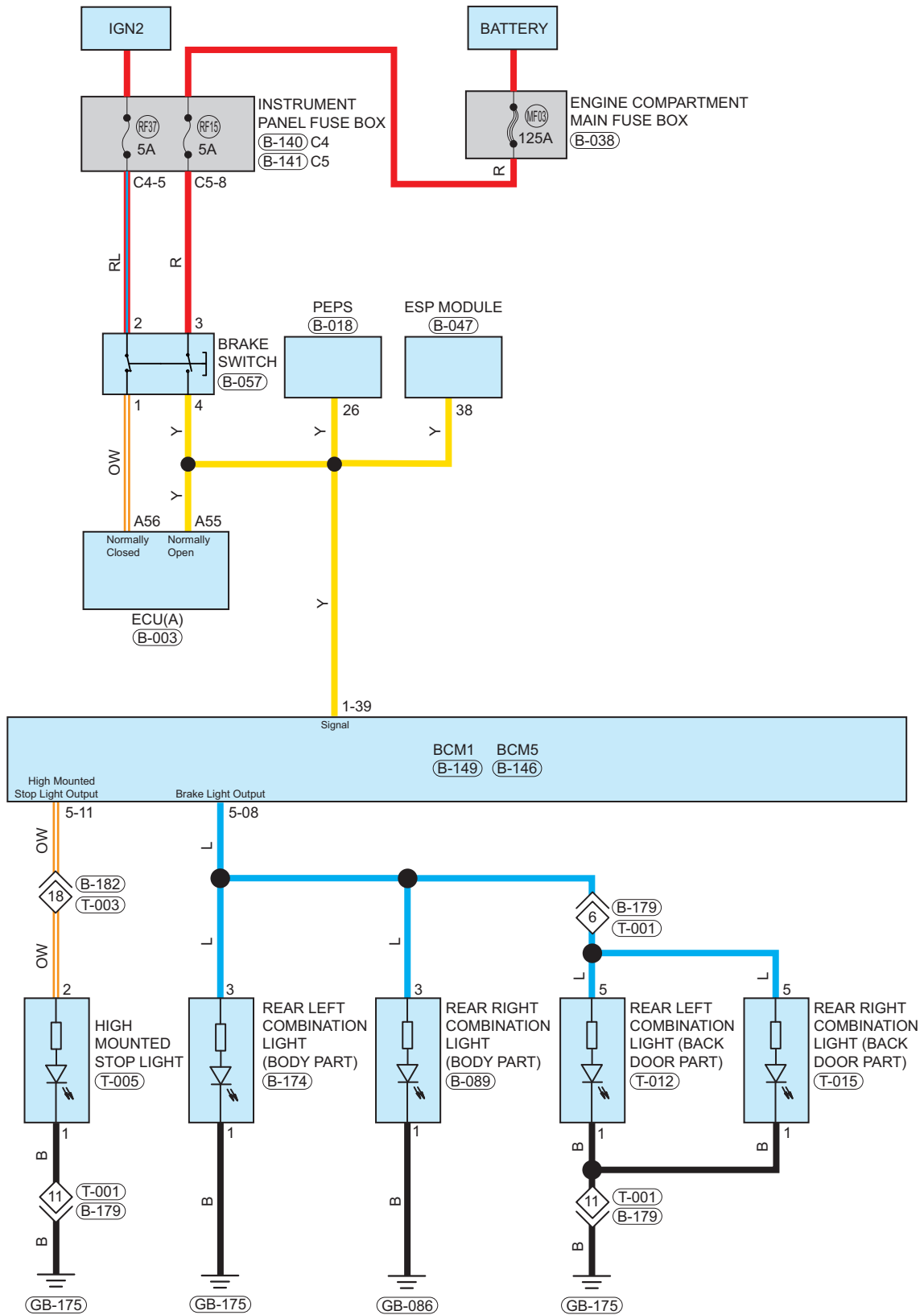


Fog Light, Back-up Light

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-41
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-146	BCM 5	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
E-041	PFB-UEC	10-11
GB-014	Ground	10-41
GB-086	Ground	10-45
GB-115	Ground	10-46
GB-175	Ground	10-50
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15
J-011	Rear Fog Light	10-15
Q-001	Front Left Fog Light	10-13
Q-015	Front Right Fog Light	10-13
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-13
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-012	Rear Left Combination Light (Back Door Part)	10-71

Wire Harness Connector	Name	Page Number
T-015	Rear Right Combination Light (Back Door Part)	10-71

Brake Light



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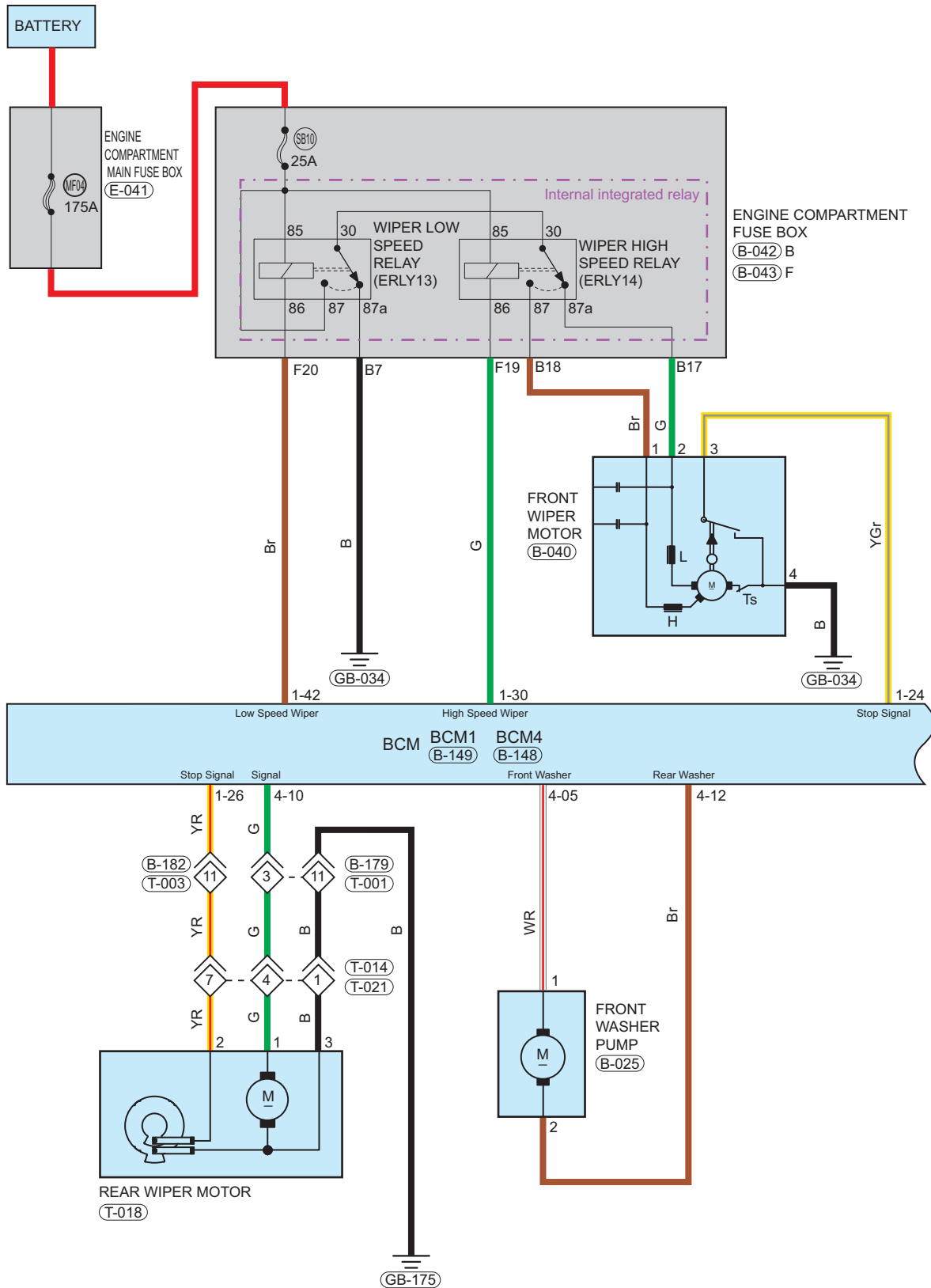
LIE021001



Brake Light

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-018	PEPS	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-047	ESP module	10-43
B-057	Brake Switch	10-44
B-089	Rear Right Combination Light (Body Part)	10-45
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-146	BCM 5	10-48
B-149	BCM 1	10-48
B-174	Rear Left Combination Light (Body Part)	10-50
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
GB-086	Ground	10-45
GB-175	Ground	10-50
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-005	High Mounted Stop Light	10-71
T-012	Rear Left Combination Light (Back Door Part)	10-71
T-015	Rear Right Combination Light (Back Door Part)	10-71

Wiper and Washer

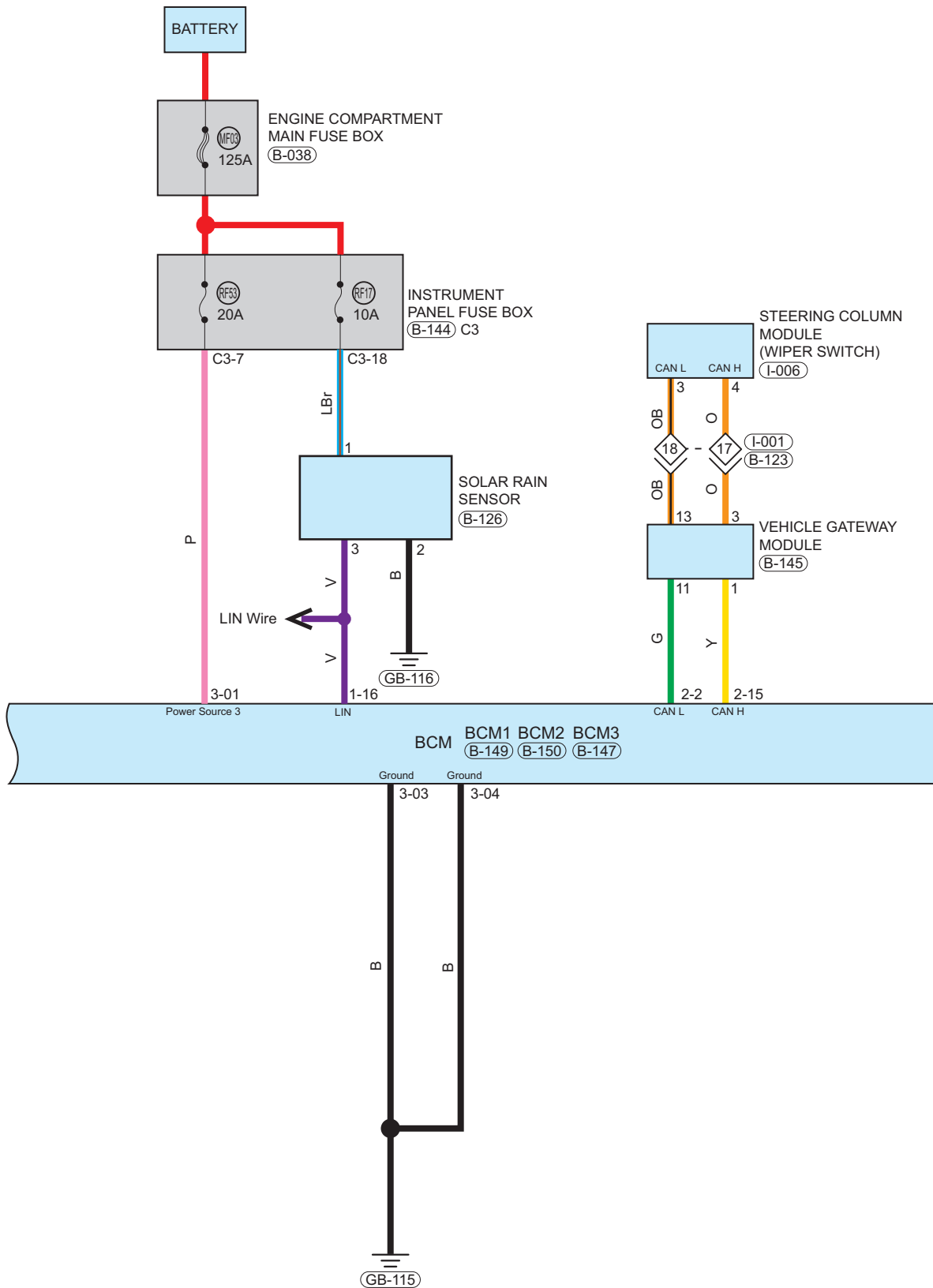


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Wiper and Washer

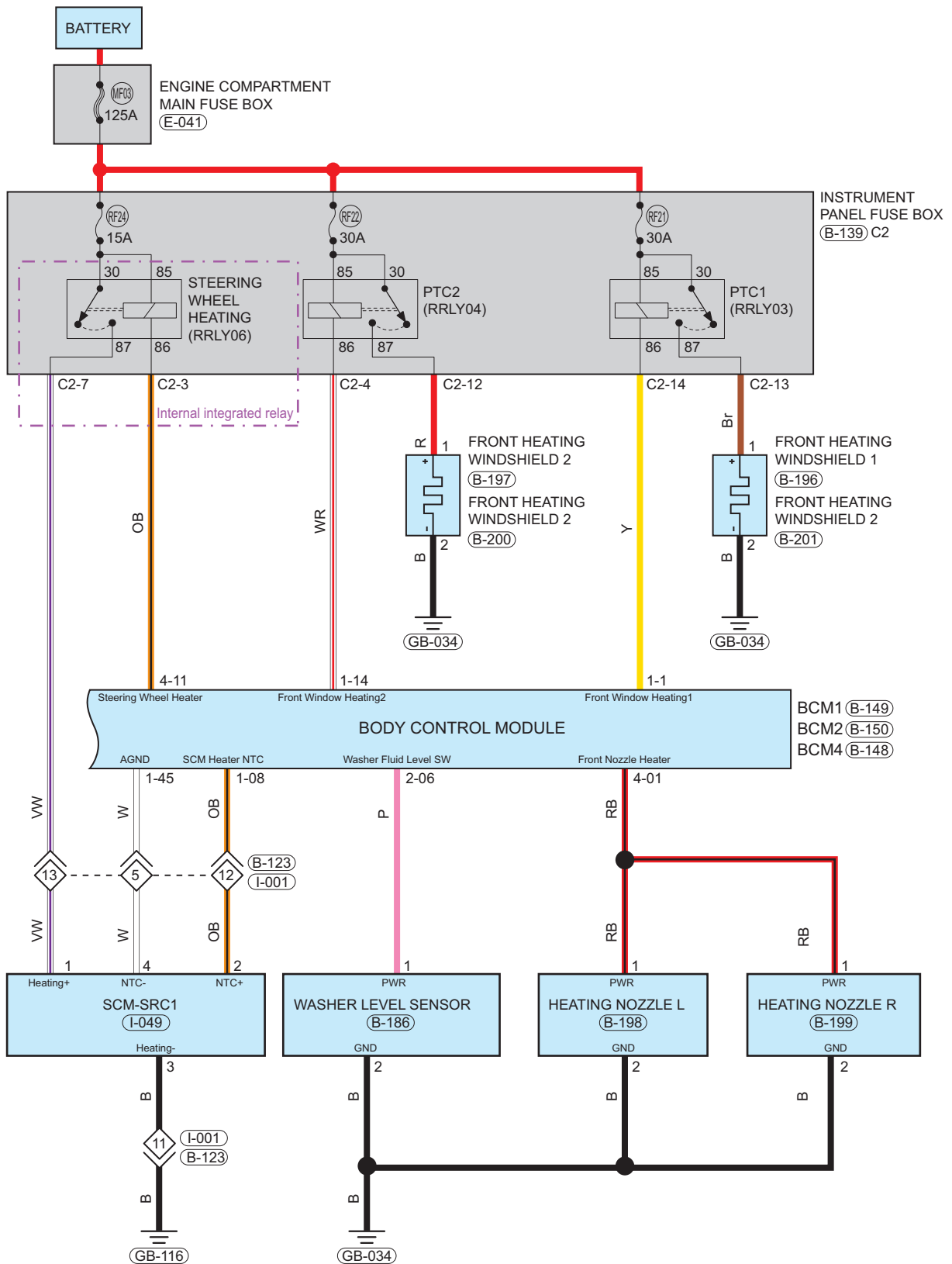


Wiper and Washer

Wire Harness Connector	Name	Page Number
B-025	Front Washer Pump	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-040	Front Wiper Motor	10-43
B-042	Engine Compartment Fuse Box B	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-126	Solar/Rain Sensor	10-47
B-144	Instrument Cluster Fuse Box C3	10-48
B-145	Vehicle Gateway Module	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
E-041	PFB-UEC	10-11
GB-034	Ground	10-43
GB-115	Ground	10-46
GB-116	Ground	10-46
GB-175	Ground	10-50
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-006	Steering Column Module	10-57
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71

Wire Harness Connector	Name	Page Number
T-014	Rear Back Door Wire Harness to Rear Back Door A Wire Harness	10-71
T-018	Rear Wiper Motor	10-71
T-021	Rear Back Door A Wire Harness to Rear Back Door Wire Harness	10-71

Windshield and Nozzle Heating



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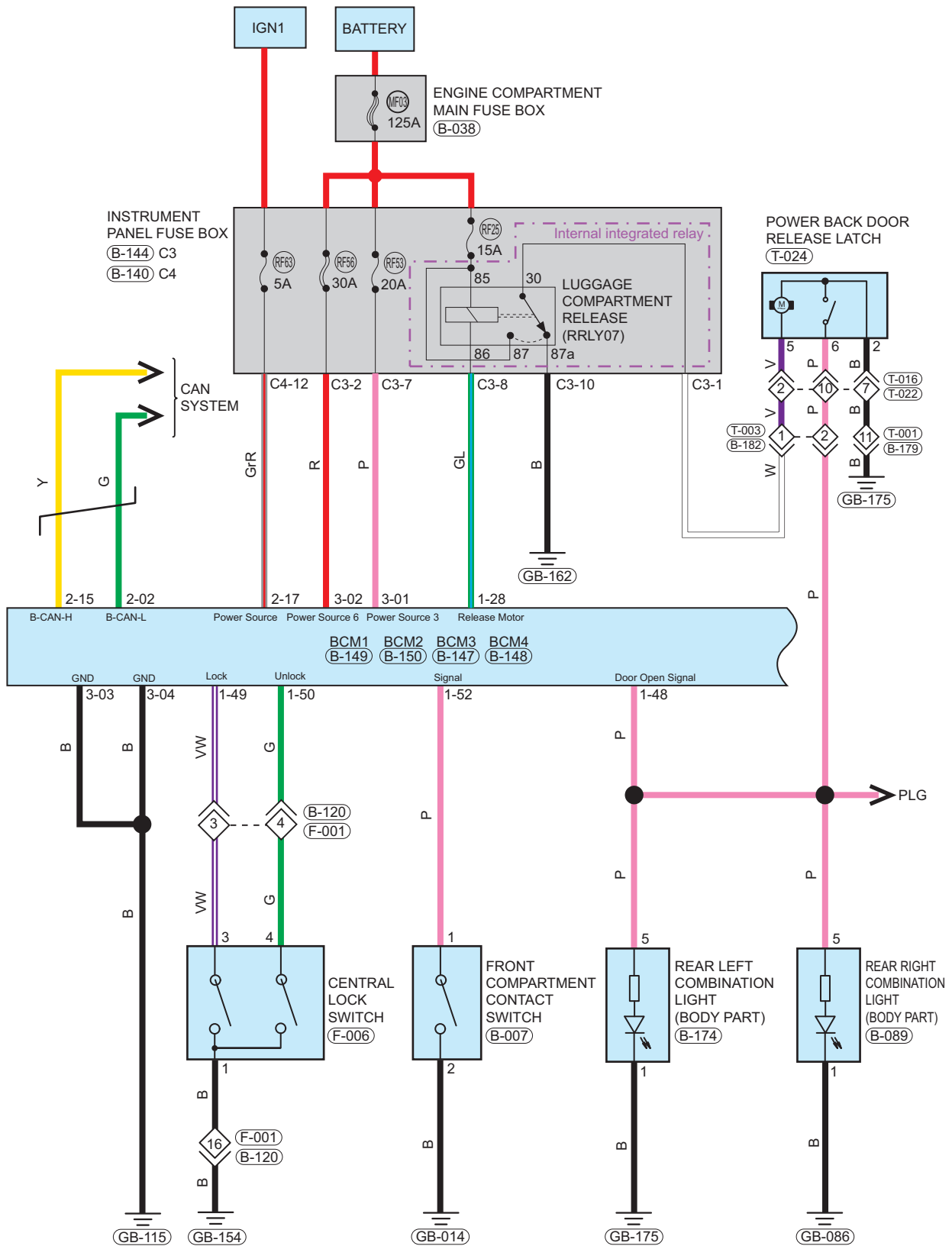
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Windshield and Nozzle Heating

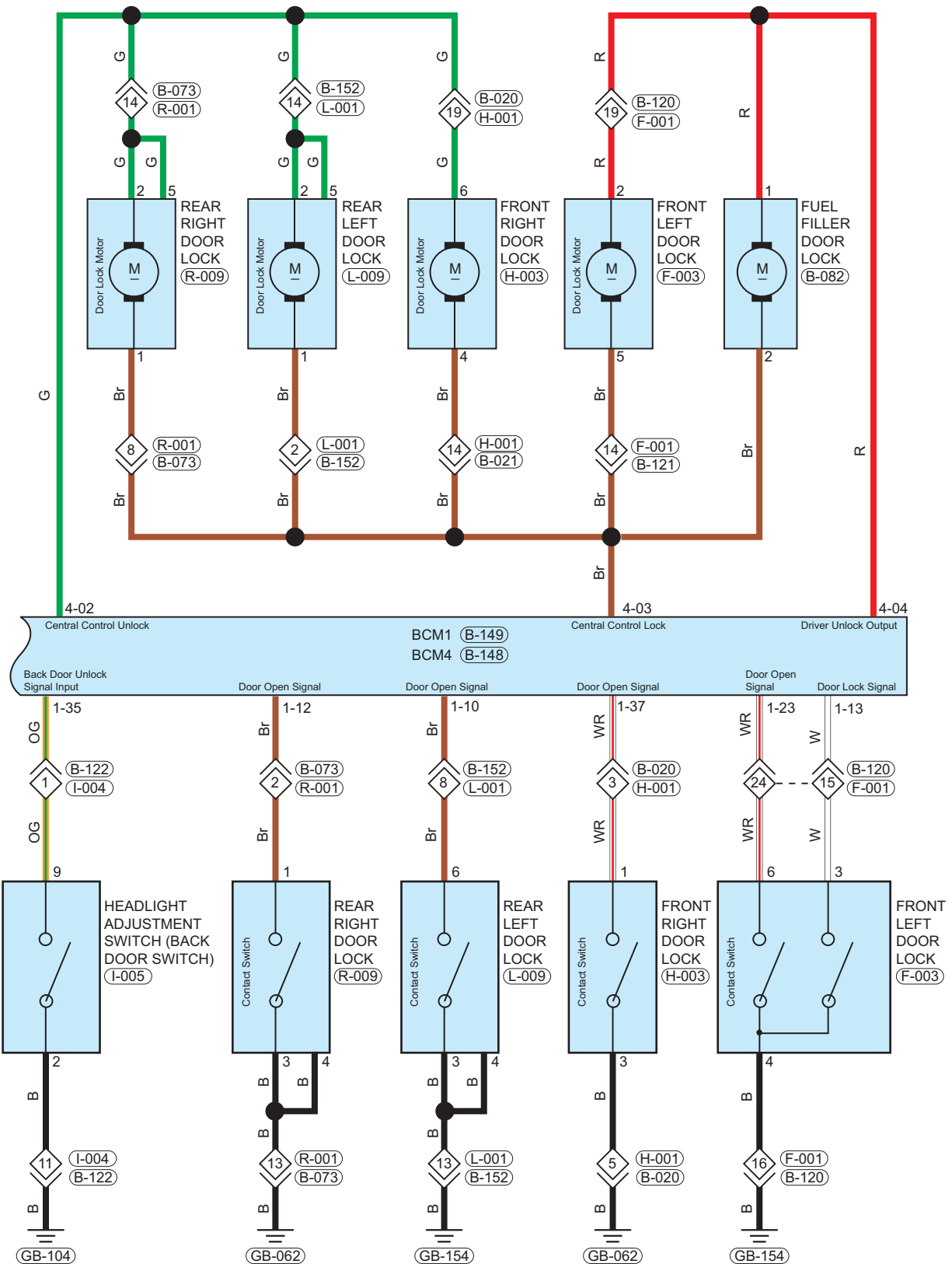
Wire Harness Connector	Name	Page Number
E-041	PFB-UEC	10-11
B-139	Instrument Cluster Fuse Box C2	10-48
B-146	BCM 5	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-196	FRONT Heating Windshield 1	10-51
B-197	FRONT Heating Windshield 2	10-51
B-200	FRONT Heating Windshield 2	10-51
B-201	FRONT Heating Windshield 1	10-51
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-186	Washer Level Sensor	10-51
B-198	Heating Nozzle L	10-51
B-199	Heating Nozzle R	10-51
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-049	SCM-SRC1 Mechanical	10-59
GB-034	Ground	10-43
GB-116	Ground	10-46

Door Lock



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Door Lock



DLE002001



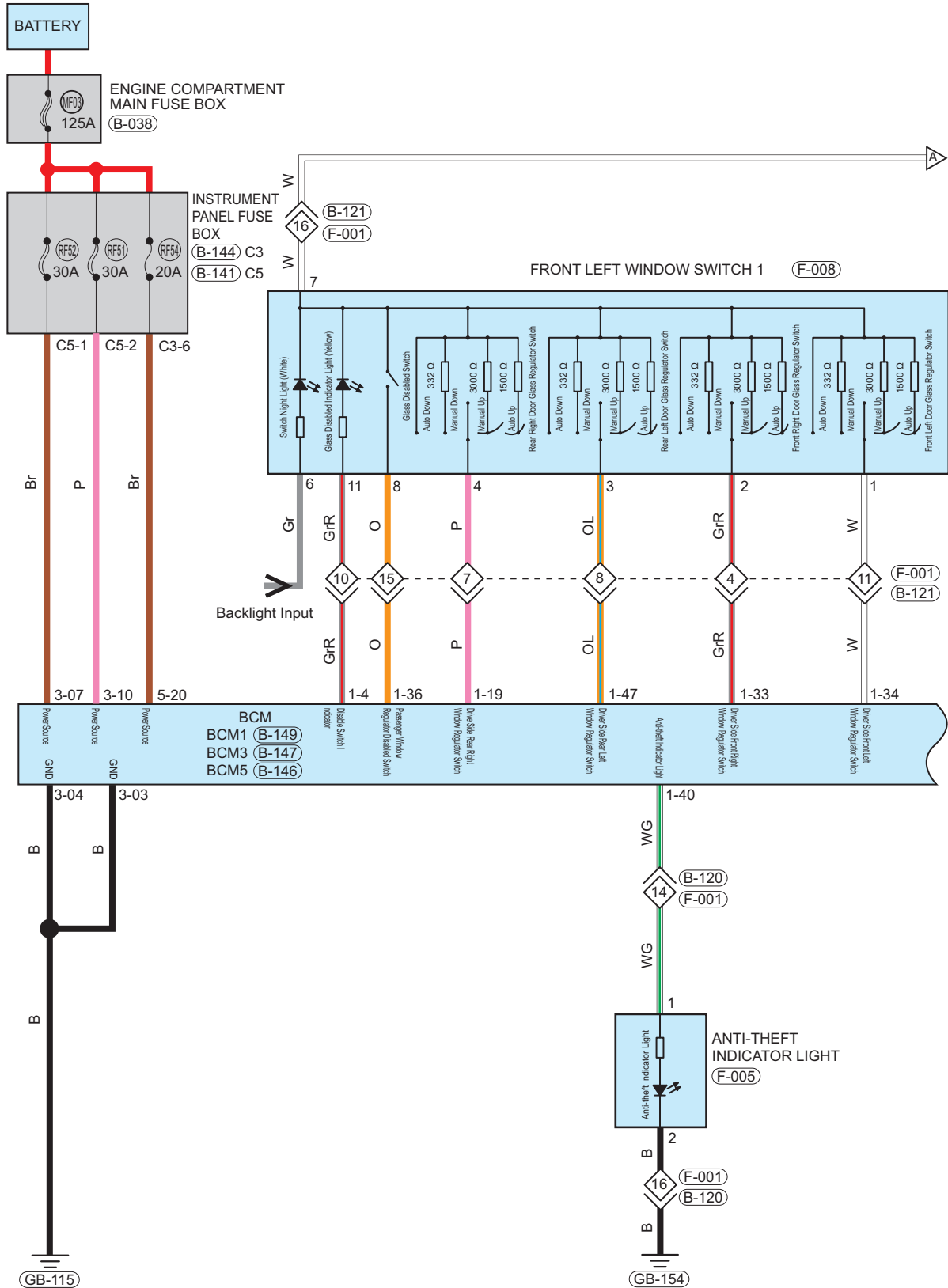
Door Lock

Wire Harness Connector	Name	Page Number
B-007	Engine Compartment Contact Switch	10-41
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-44
B-082	Fuel Filler Door Lock	10-45
B-089	Rear Right Combination Light (Body Part)	10-45
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-147	BCM 3	10-48
B-148	BCM 4	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-49
B-174	Rear Left Combination Light (Body Part)	10-50
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50

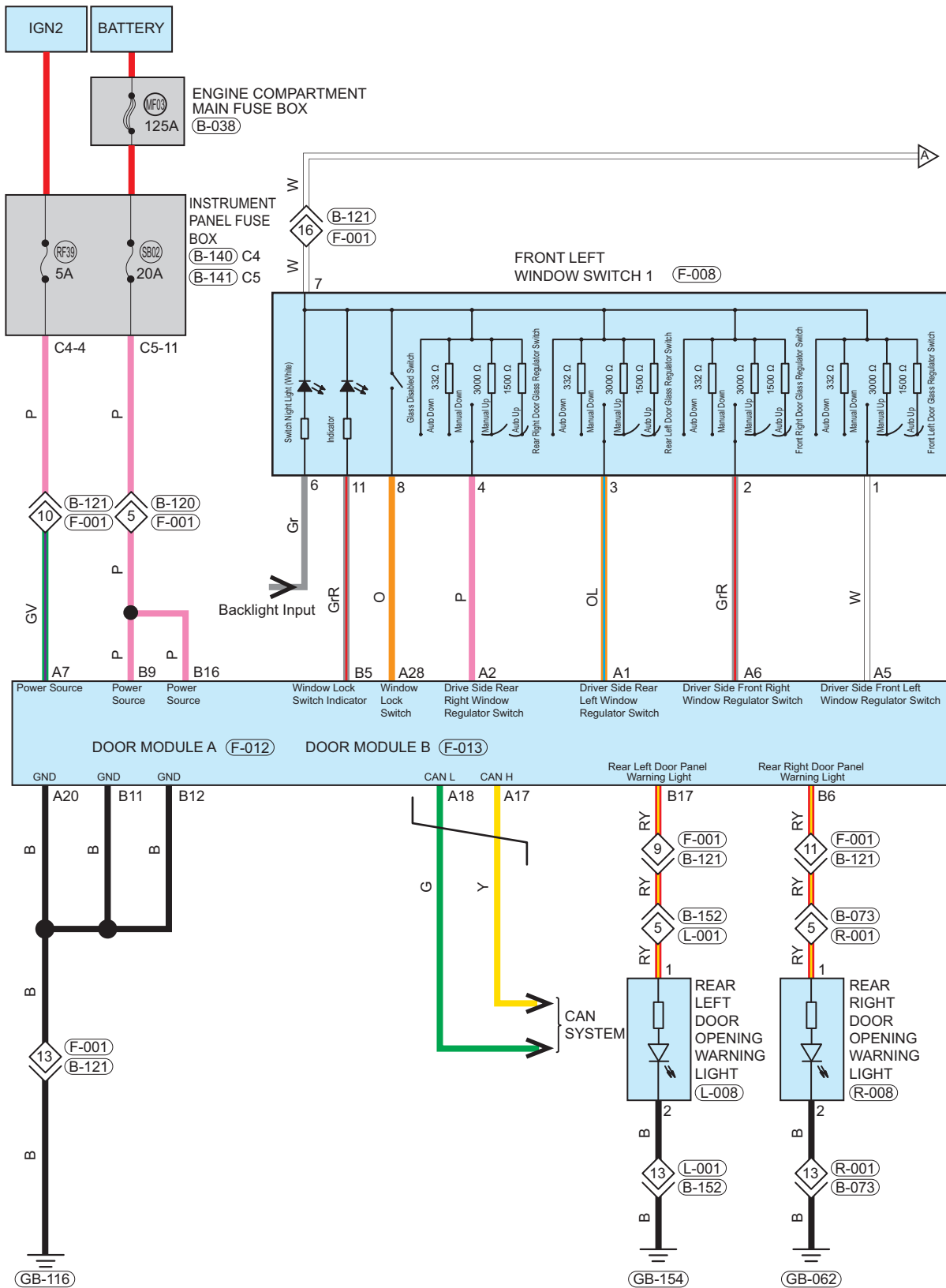
Wire Harness Connector	Name	Page Number
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-003	Front Left Door Lock	10-61
F-006	Central Control Lock Switch	10-61
GB-014	Ground	10-41
GB-062	Ground	10-44
GB-086	Ground	10-45
GB-104	Ground	10-46
GB-115	Ground	10-46
GB-154	Ground	10-49
GB-162	Ground	10-49
GB-175	Ground	10-50
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-003	Front Right Door Lock	10-63
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-005	Headlight Adjustment Switch	10-57
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-65
L-009	Rear Left Door Lock	10-65
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-67
R-009	Rear Right Door Lock	10-67
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-016	Rear Back Door Wire Harness to Rear Back Door B Wire Harness	10-71
T-022	Rear Back Door B Wire Harness to Rear Back Door Wire Harness	10-71
T-024	Power Back Door Release Latch	10-71

Window

Window (StarCare, StarCare 4WD)

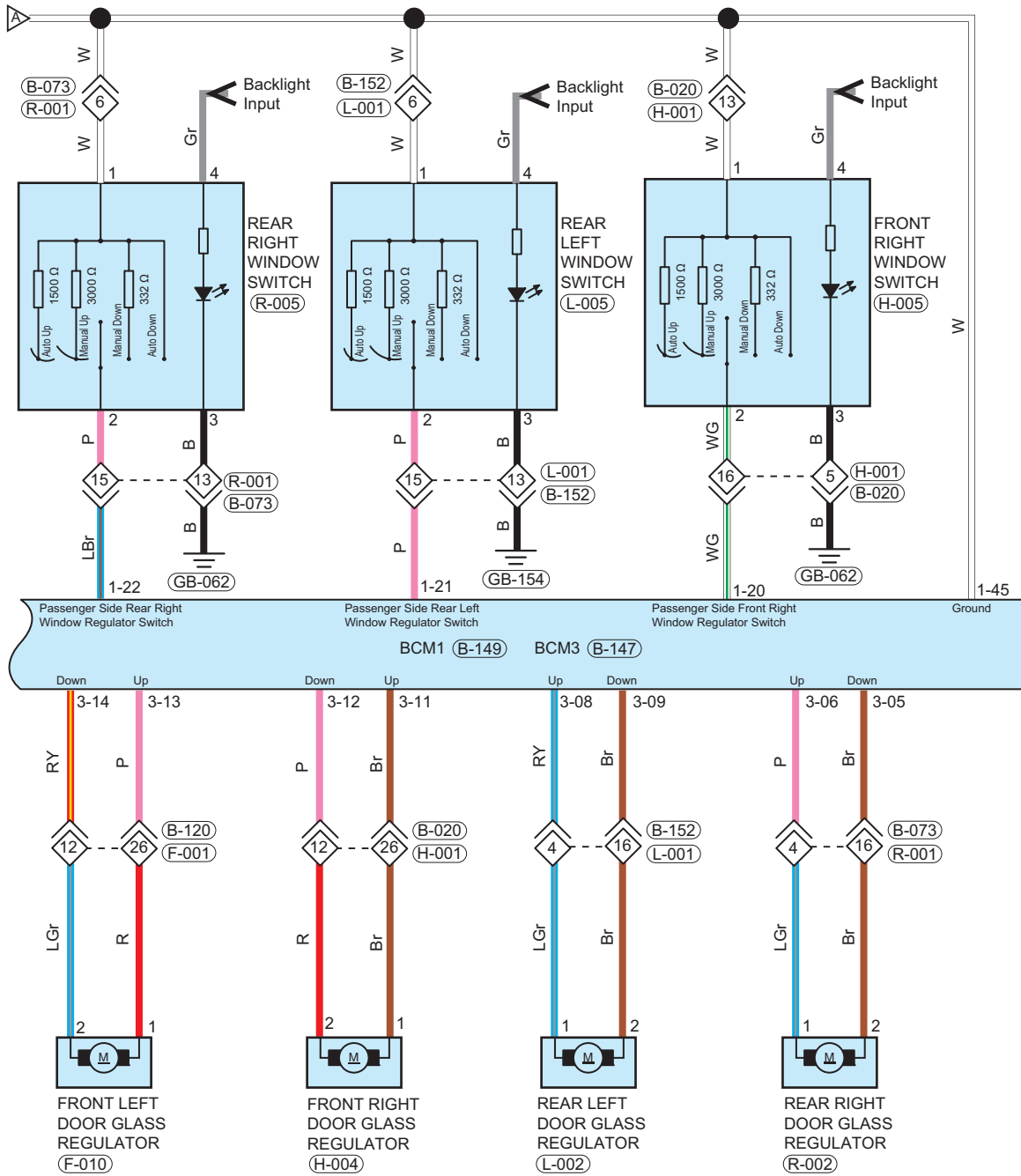


Window (StarElite, StarHonour 4WD)



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Window



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WSE003001

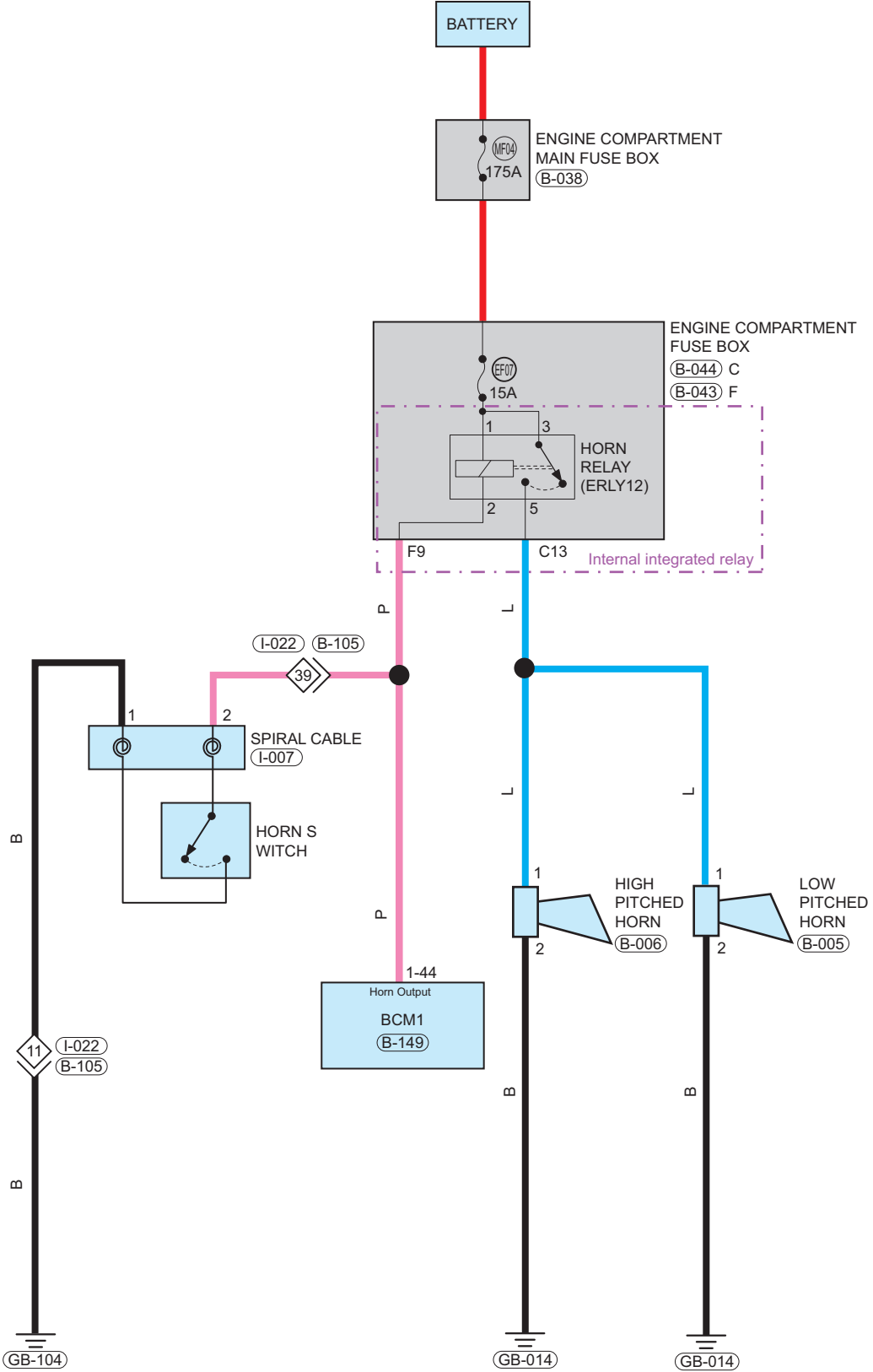


Window

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-44
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-146	BCM 5	10-48
B-147	BCM 3	10-48
B-149	BCM 1	10-48
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-49
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-005	Anti-theft Indicator	10-61
F-008	Front Left Window Switch 1	10-61
F-010	Front Left Door Glass Regulator	10-61
F-012	Door Control Module A	10-61
F-013	Door Control Module B	10-61
GB-062	Ground	10-44
GB-115	Ground	10-46
GB-116	Ground	10-46
GB-154	Ground	10-49
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63

Wire Harness Connector	Name	Page Number
H-004	Front Right Door Glass Regulator	10-63
H-005	Front Right Window Switch	10-63
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-65
L-002	Rear Left Door Glass Regulator	10-65
L-005	Rear Left Window Switch	10-65
L-008	Rear Left Door Opening Warning Indicator Light	10-65
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-67
R-002	Rear Right Door Glass Regulator	10-67
R-005	Rear Right Window Switch	10-67
R-008	Rear Right Door Opening Warning Indicator Light	10-67

Horn



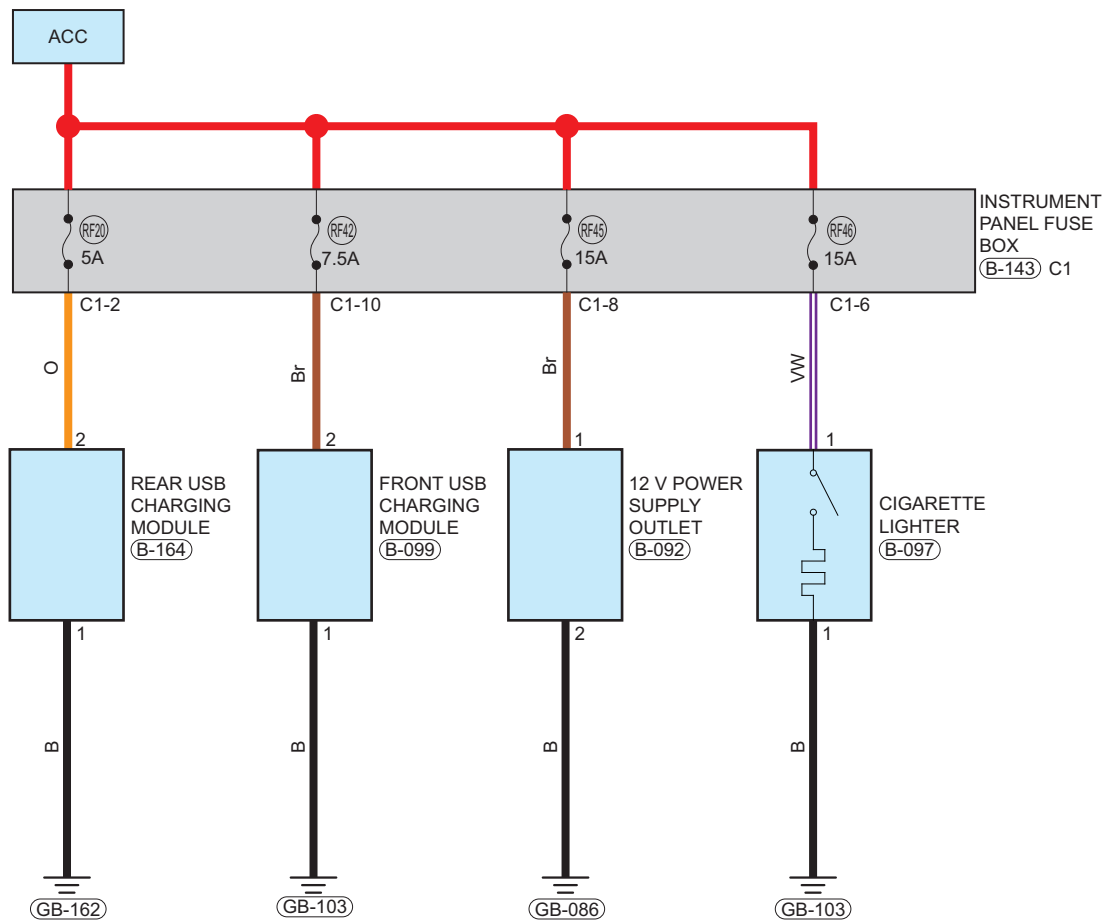
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Horn

Wire Harness Connector	Name	Page Number
B-005	Low Pitched Horn	10-41
B-006	High Pitched Horn	10-41
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-043	Engine Compartment Fuse Box F	10-43
B-044	Engine Compartment Fuse Box C	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-149	BCM 1	10-48
GB-014	Ground	10-41
GB-104	Ground	10-46
I-007	Spiral Cable	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

Other System (Cigarette Lighter, Backup Power, USB Charging Module)

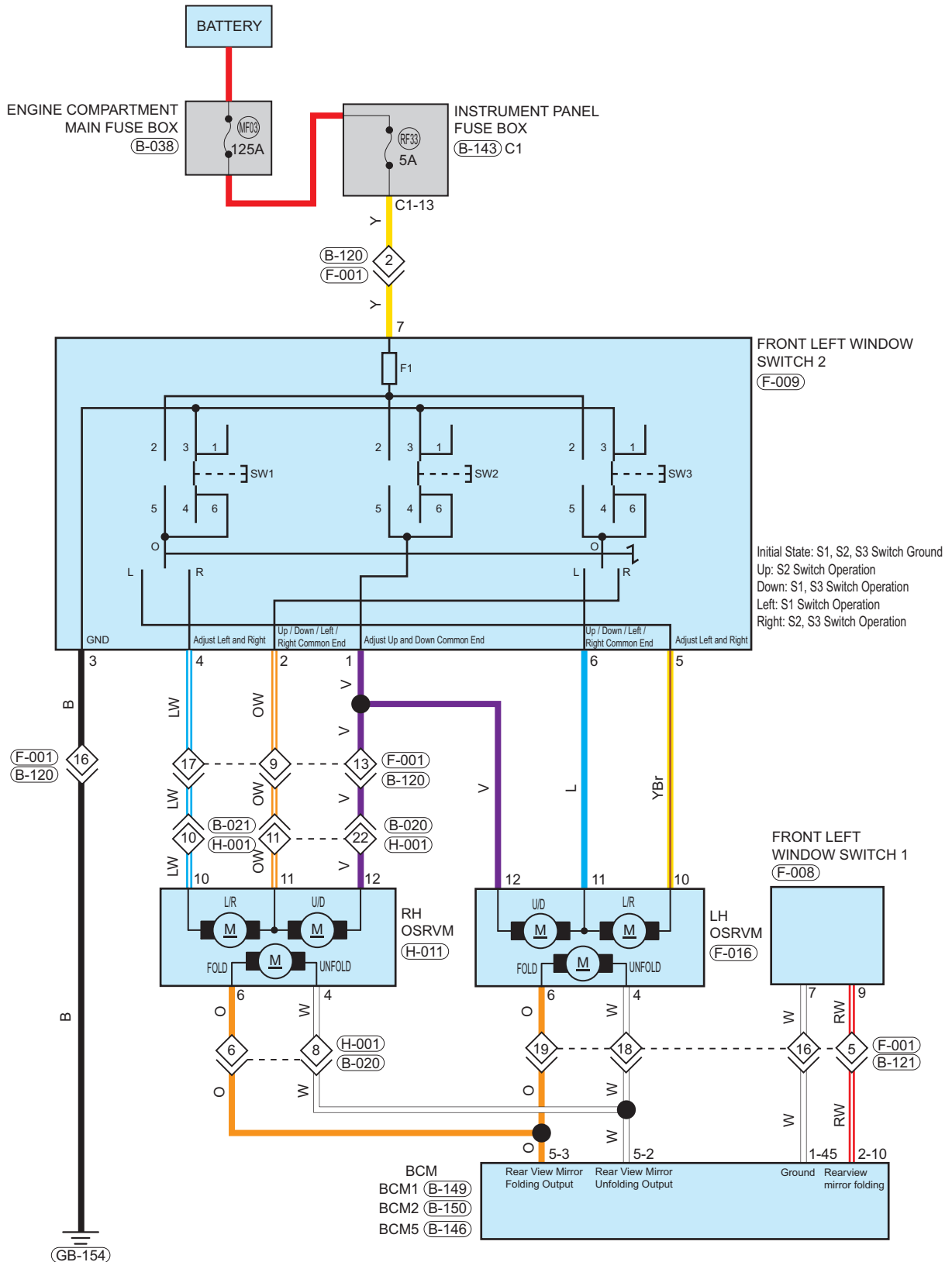


Other System (Cigarette Lighter, Backup Power, USB Charging Module)

Wire Harness Connector	Name	Page Number
B-092	12V Power Supply Socket	10-45
B-097	Cigarette Lighter	10-46
B-099	USB Charging Module	10-46
B-143	Instrument Cluster Fuse Box C1	10-48
B-164	USB Charging Module	10-49
GB-086	Ground	10-45
GB-103	Ground	10-46
GB-162	Ground	10-49

Rear View Mirror

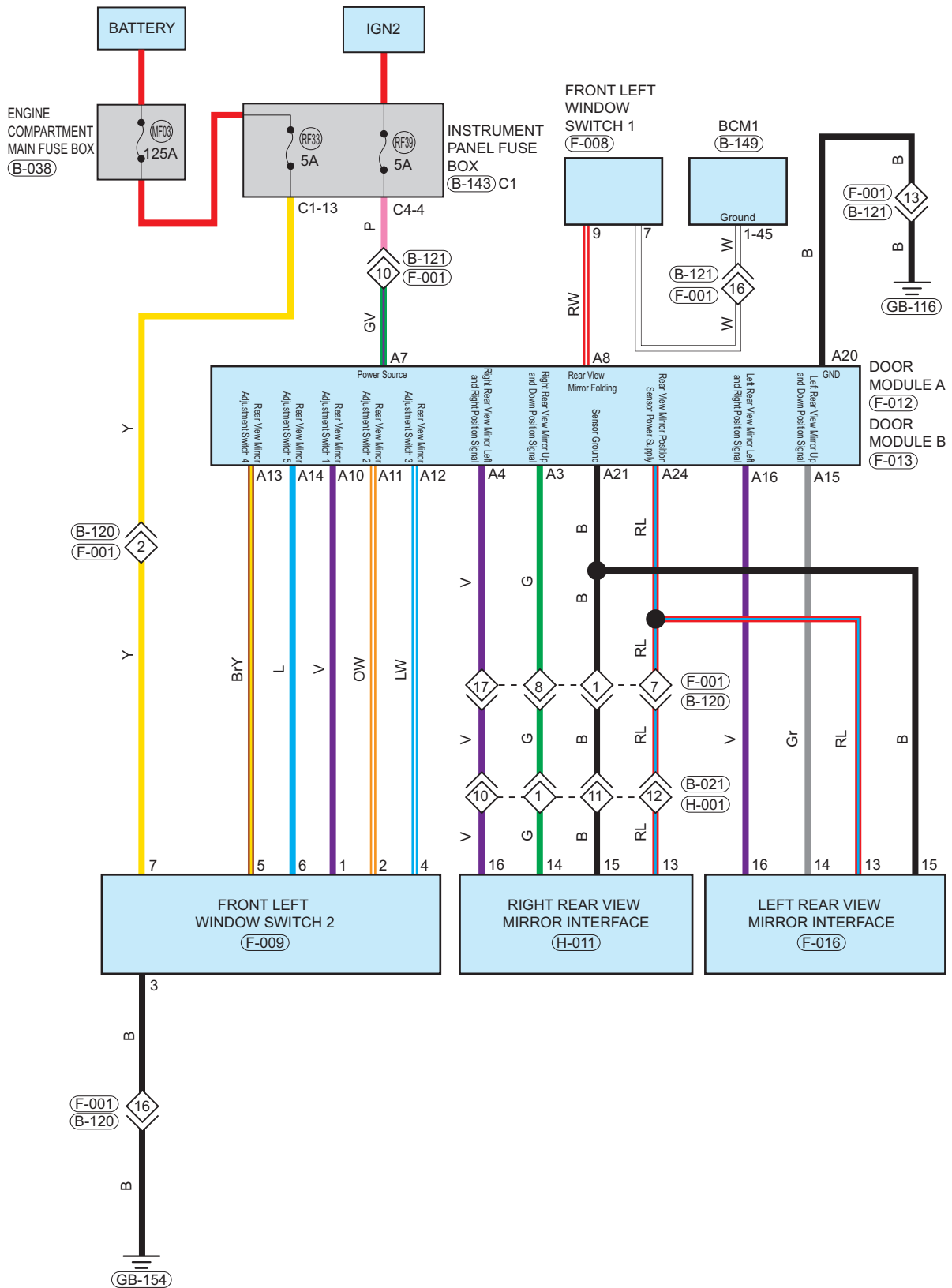
Rear View Mirror (StarElite, StarHonour 4WD)



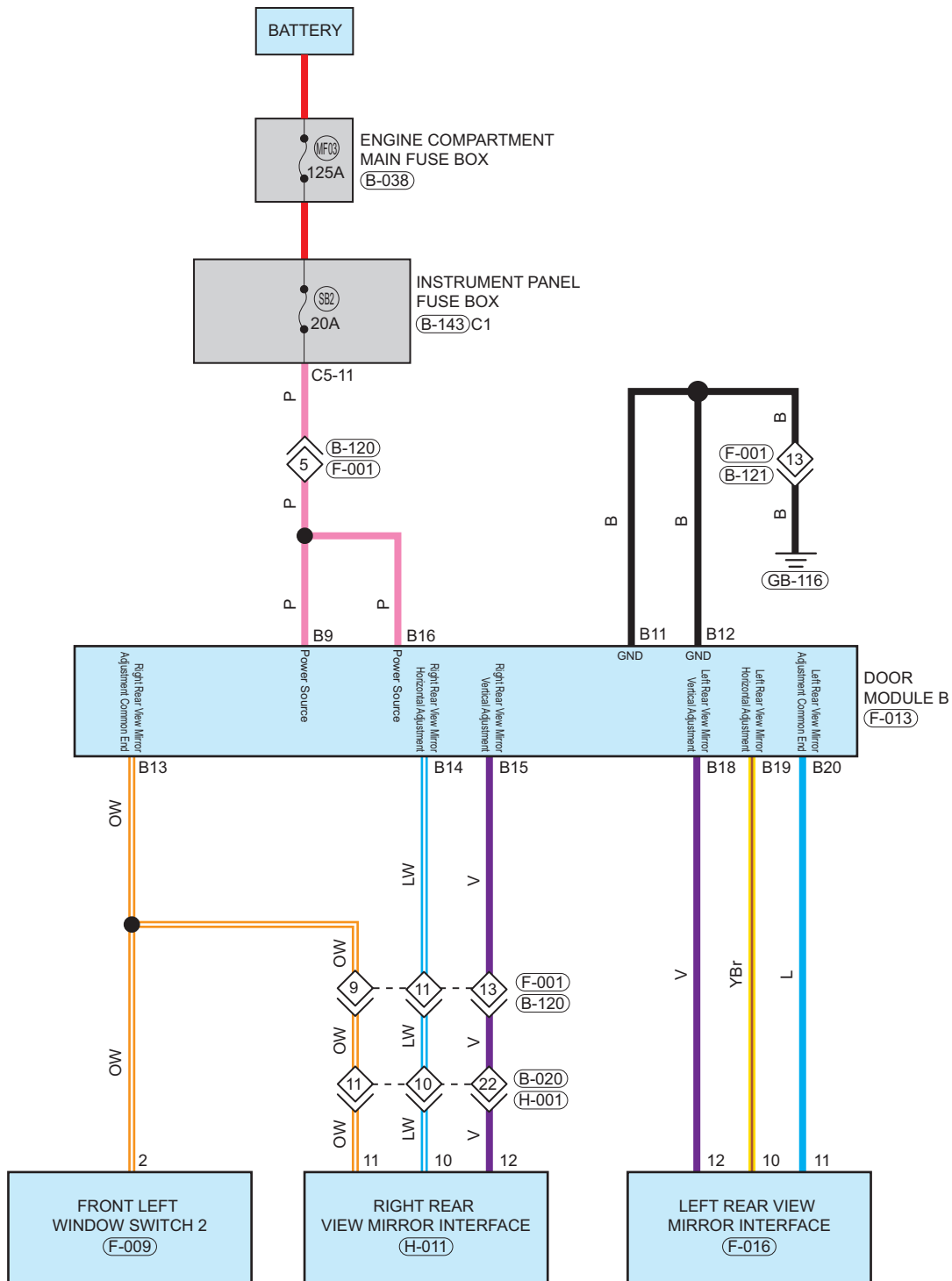
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Rear View Mirror (StarCare, StarCare 4WD)



Rear View Mirror (StarCare, StarCare 4WD)



RME003001

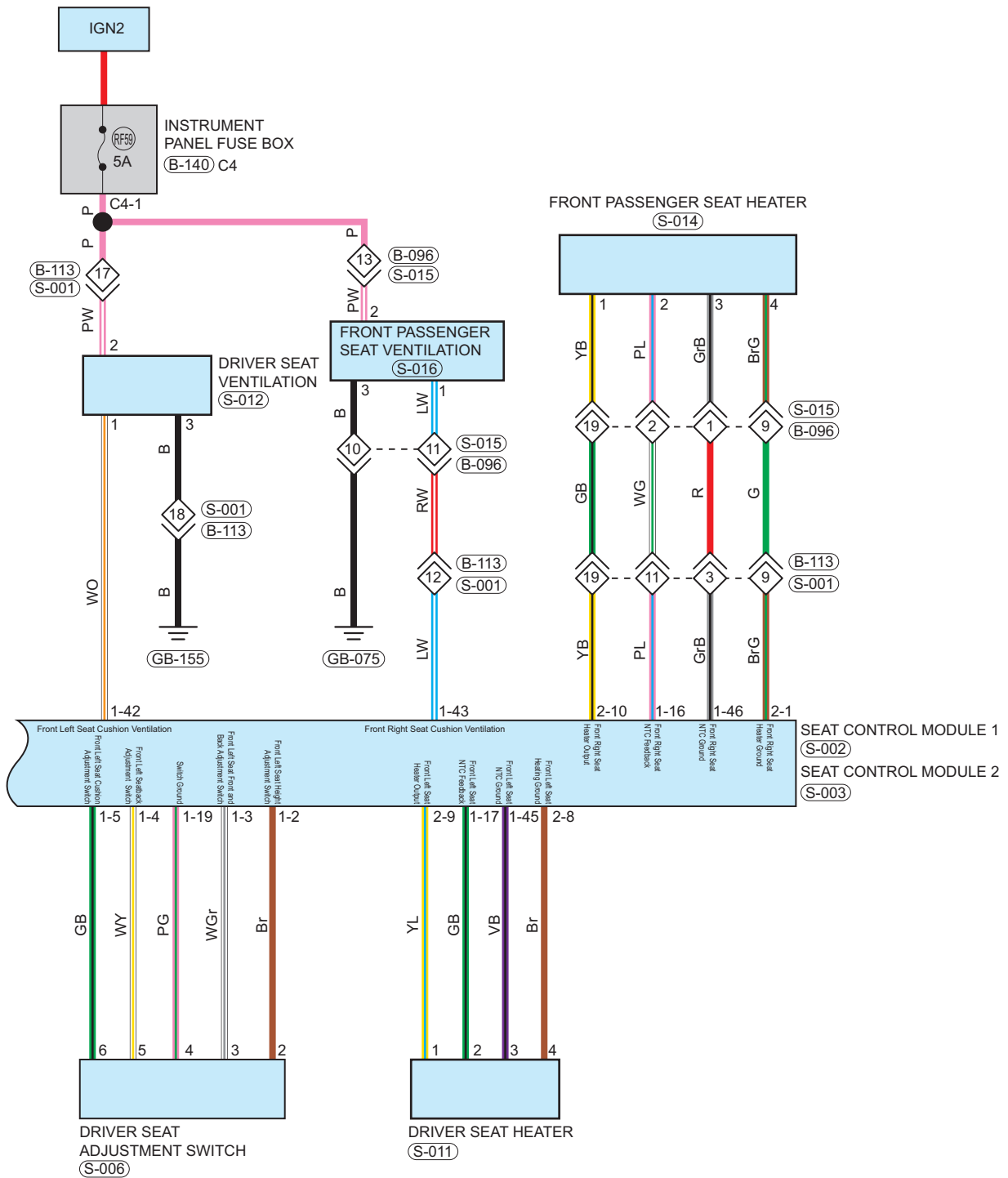


Rear View Mirror

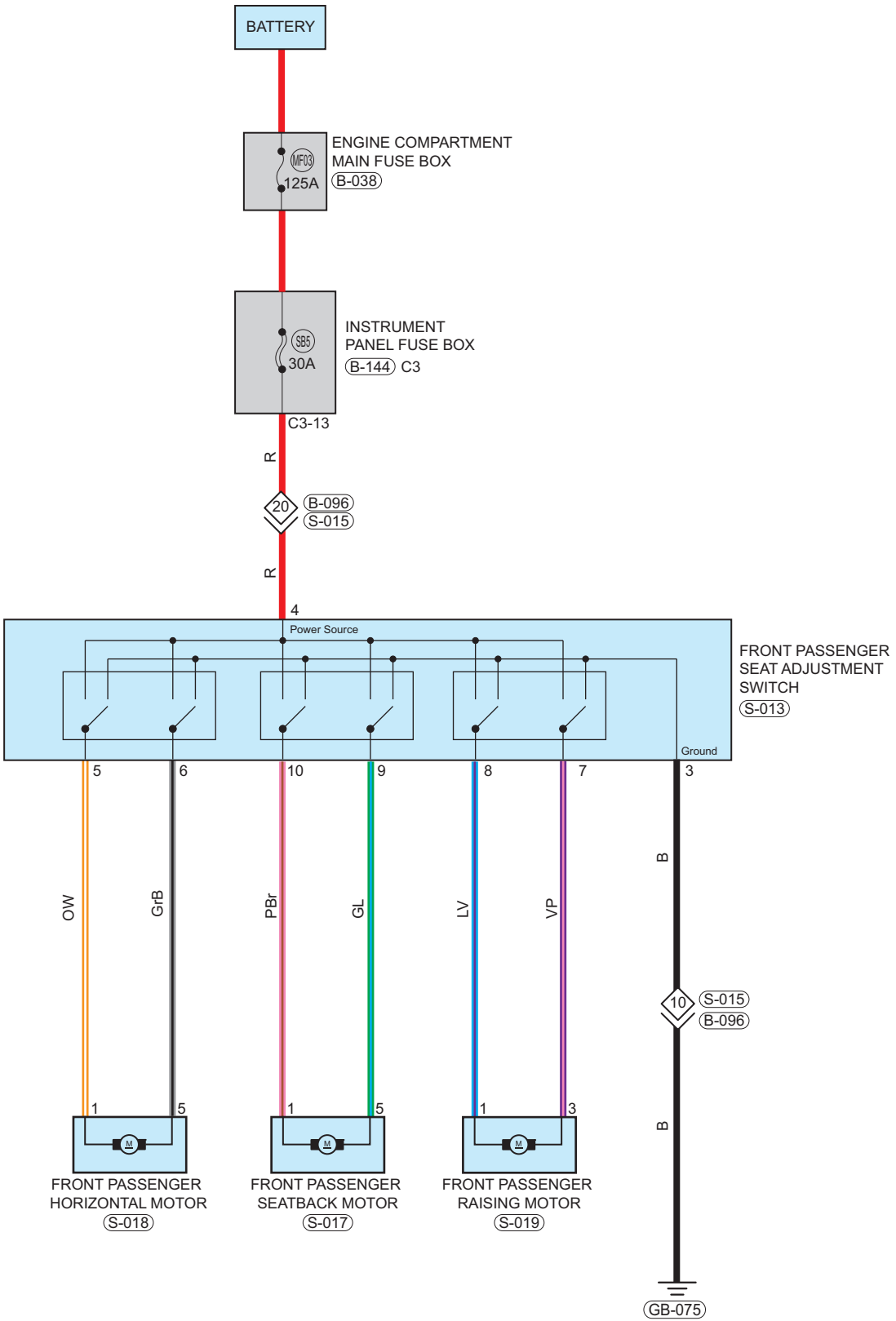
Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
B-139	Instrument Cluster Fuse Box C2	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-146	BCM 5	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-008	Front Left Window Switch 1	10-61
F-009	Front Left Window Switch 2	10-61
F-012	Door Control Module A	10-61
F-013	Door Control Module B	10-61
F-016	Left Rear View Mirror Interface	10-61
GB-062	Ground	10-44
GB-116	Ground	10-46
GB-154	Ground	10-49
GB-175	Ground	10-50
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-011	Right Rear View Mirror Interface	10-63
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71

Wire Harness Connector	Name	Page Number
T-007	Rear Defroster-	10-71
T-009	Rear Defroster+	10-71

Seat



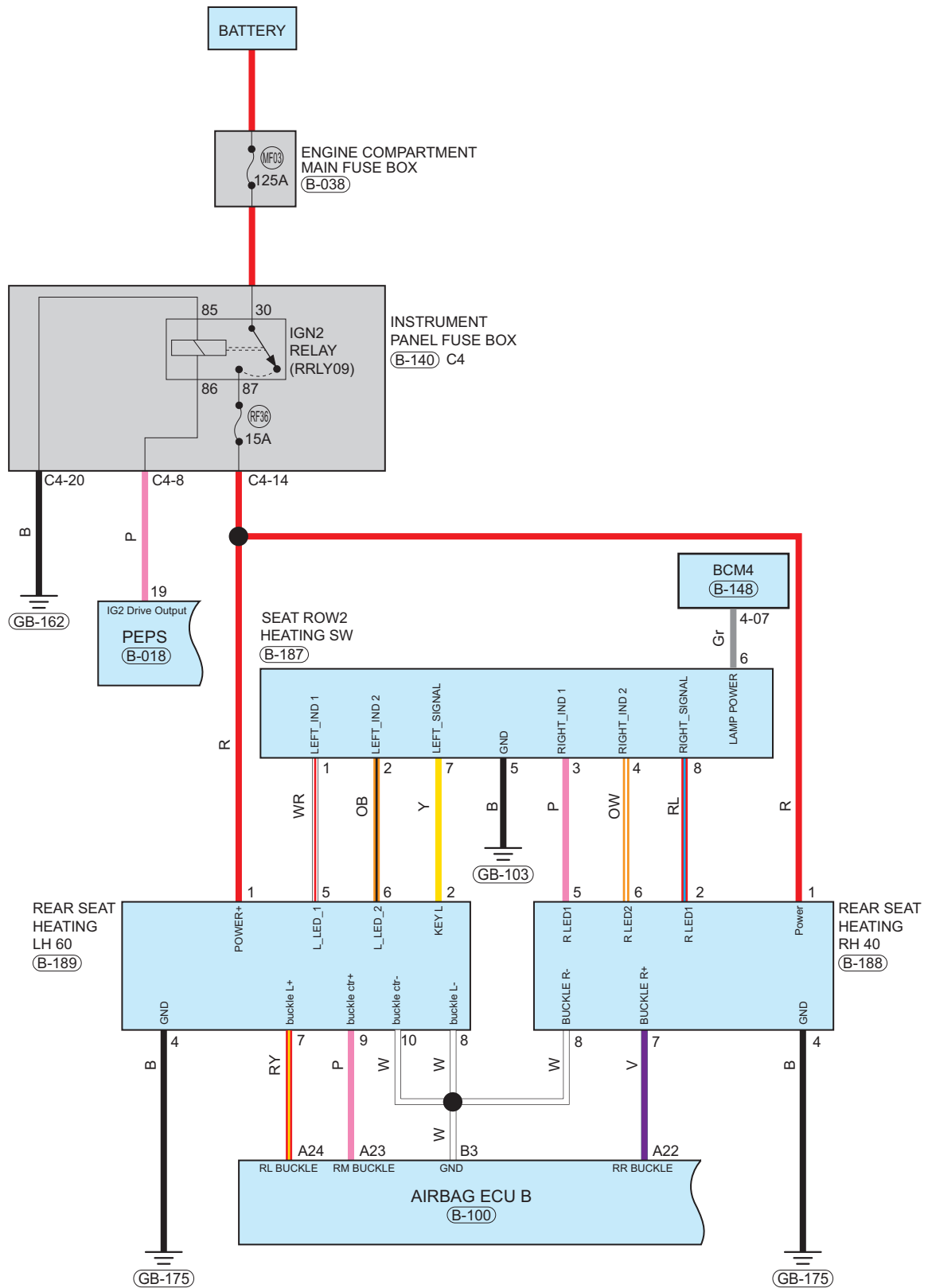
Seat



SEE003001



Seat Heating

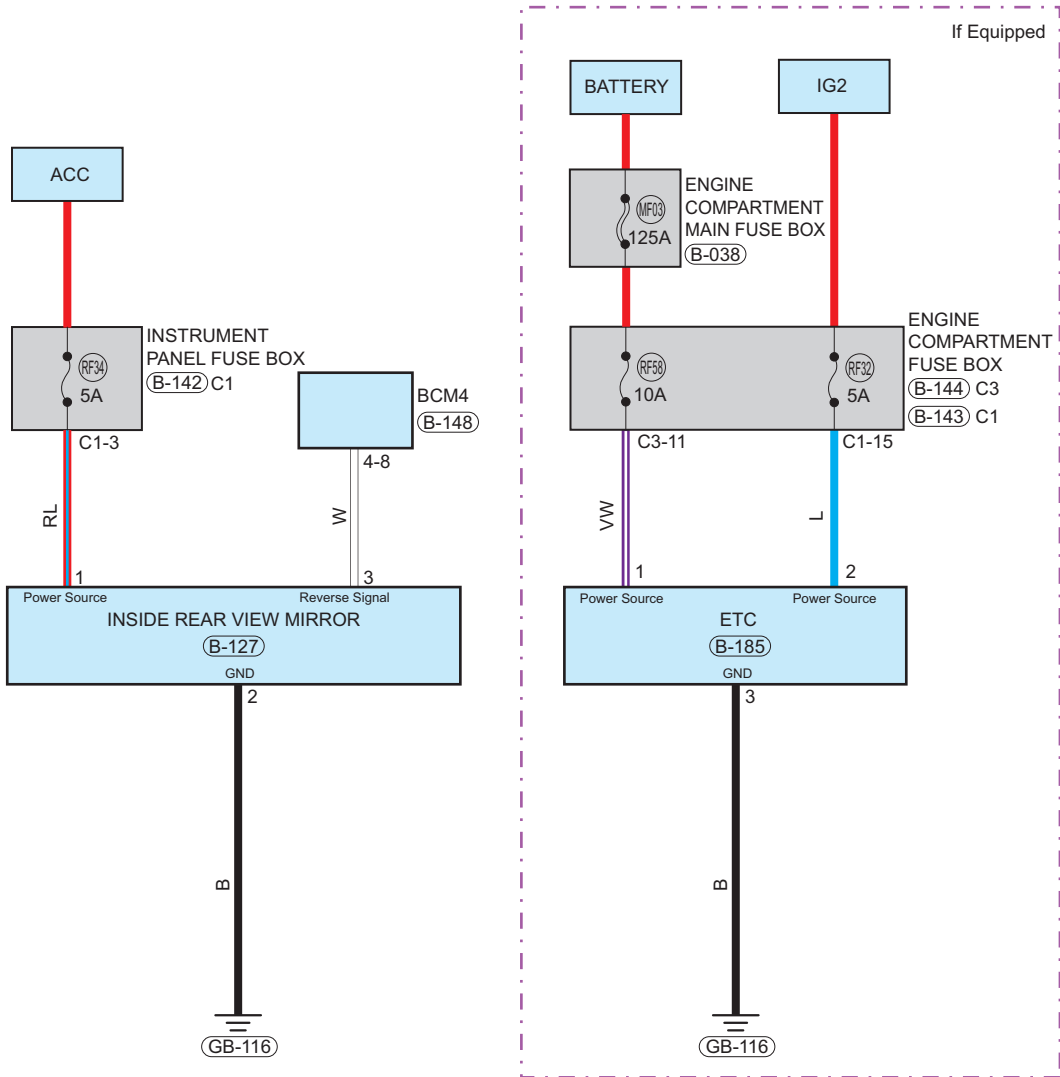


Seat

Wire Harness Connector	Name	Page Number
B-018	PEPS	10-42
B-100	Airbag Control Module B	10-46
B-148	BCM 4	10-48
B-187	SEAT ROW2 HEATING SW	10-51
B-188	Rear Seat Heating Rh 40	10-51
B-189	Rear Seat Heating LH 60	10-51
GB-103	Ground	10-46
GB-162	Ground	10-49
GB-175	Ground	10-50
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-096	Interior Floor Wire Harness to Front Passenger Seat Wire Harness	10-45
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness	10-46
B-140	Instrument Cluster Fuse Box C4	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-075	Ground	10-44
GB-155	Ground	10-49
S-001	Driver Seat Wire Harness to Interior Wire Harness	10-75
S-002	Seat Control Module 1	10-75
S-003	Seat Control Module 2	10-75
S-004	Lumbar Support Motor	10-75
S-005	Lumbar Support Switch	10-75
S-006	Driver Seat Adjustment Switch	10-75
S-007	Driver Seatback Motor	10-75
S-008	Driver Regulator Motor	10-75
S-009	Driver Horizontal Motor	10-75
S-010	Driver Lifting Motor	10-75
S-011	Driver Seat Heating	10-75
S-012	Driver Seat Ventilation	10-75
S-013	Front Passenger Seat Adjustment Switch	10-75
S-014	Front Passenger Seat Heating	10-75

Wire Harness Connector	Name	Page Number
S-015	Front Passenger Seat Wire Harness to Interior Wire Harness	10-75
S-016	Front Passenger Seat Ventilation	10-75
S-017	Front Passenger Seatback Motor	10-75
S-018	Front Passenger Horizontal Motor	10-75
S-019	Front Passenger Lifting Motor	10-75

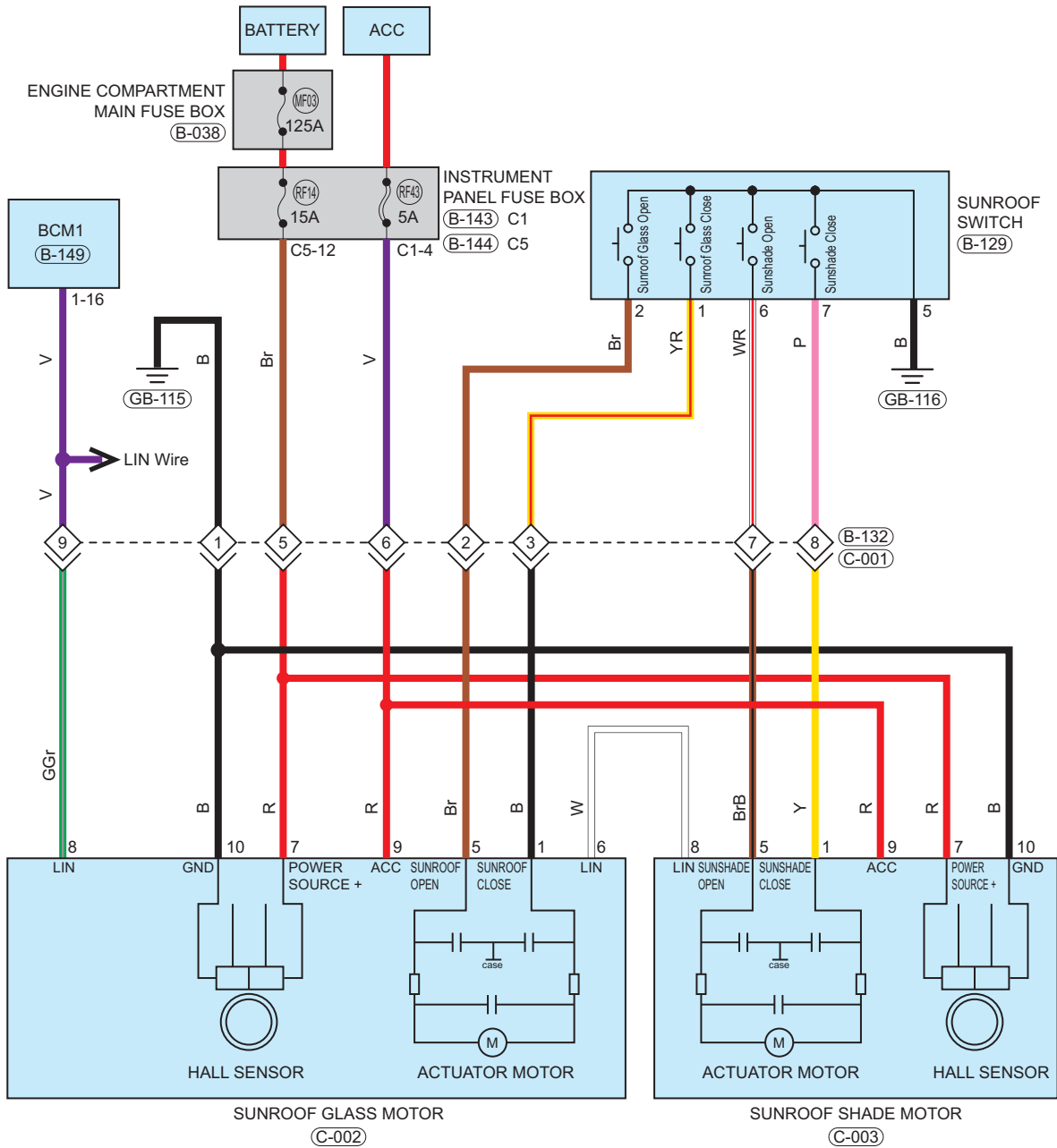
Inside Rear View Mirror, ETC



Inside Rear View Mirror, ETC

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-127	Inside Rear View Mirror	10-47
B-142	Instrument Cluster Fuse Box Power Supply	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-148	BCM 4	10-48
B-185	ETC	10-50
GB-116	Ground	10-46

Sliding Roof



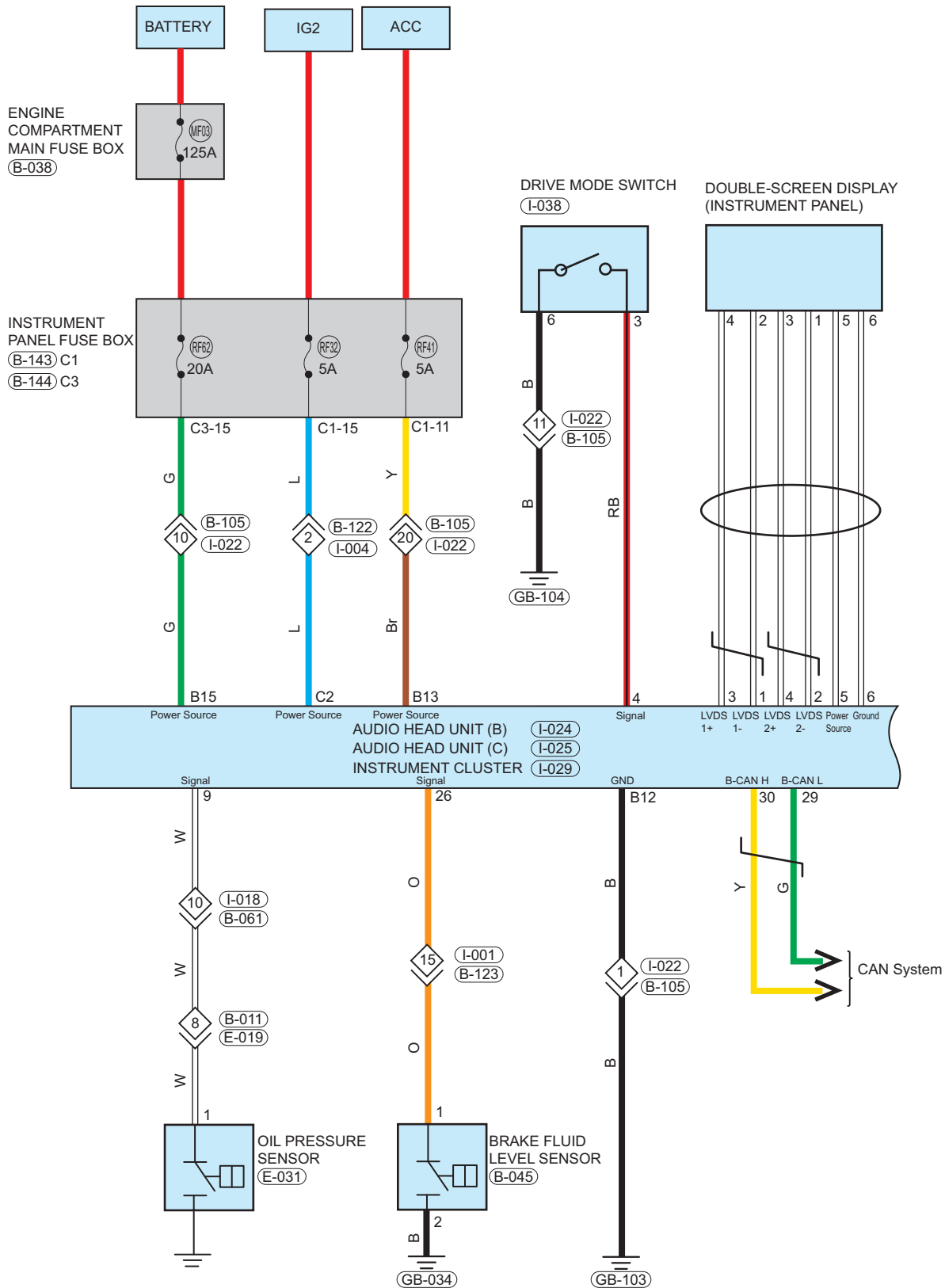
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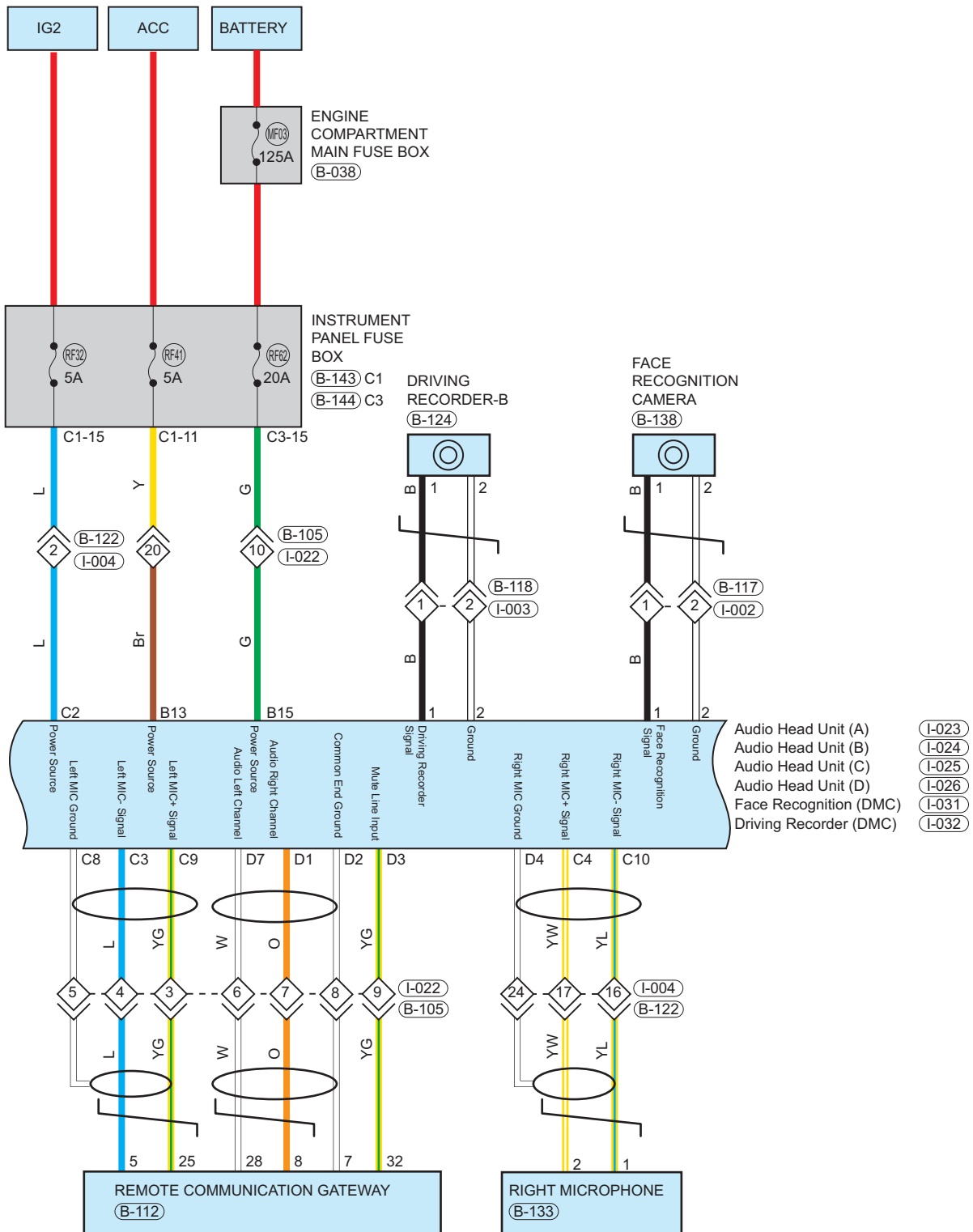
Sliding Roof

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-129	Sliding Roof Switch	10-47
B-132	Interior Floor Wire Harness to Sliding Roof Wire Harness Connector	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-149	BCM 1	10-48
C-001	Interior Wire Harness to Sliding Roof Wire Harness Connector	10-76
C-002	Sliding Roof Glass Motor	10-76
C-003	Sliding Roof Sun Visor Motor	10-76
GB-115	Ground	10-46
GB-116	Ground	10-46

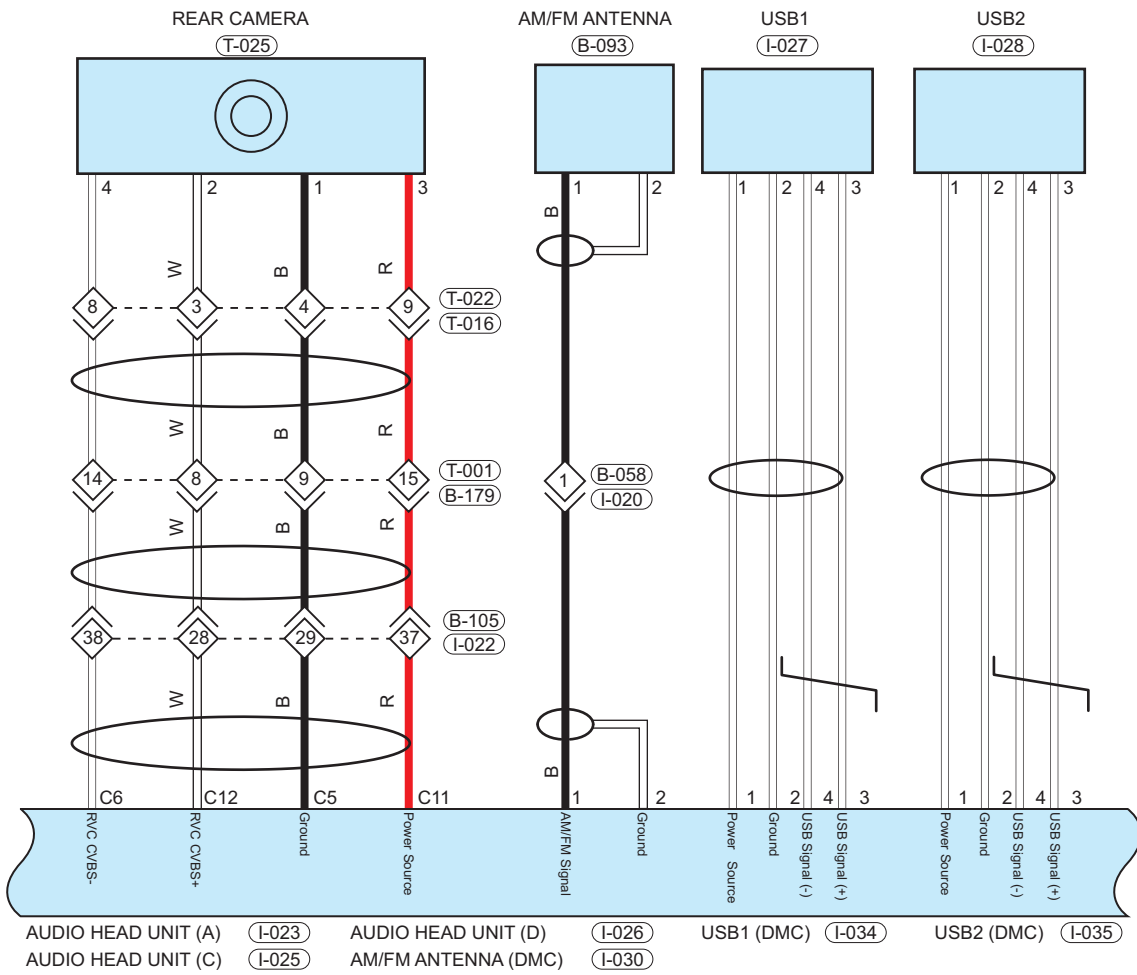
Domain Controller (Instrument Panel / Audio)



Domain Controller (Instrument Panel / Audio)



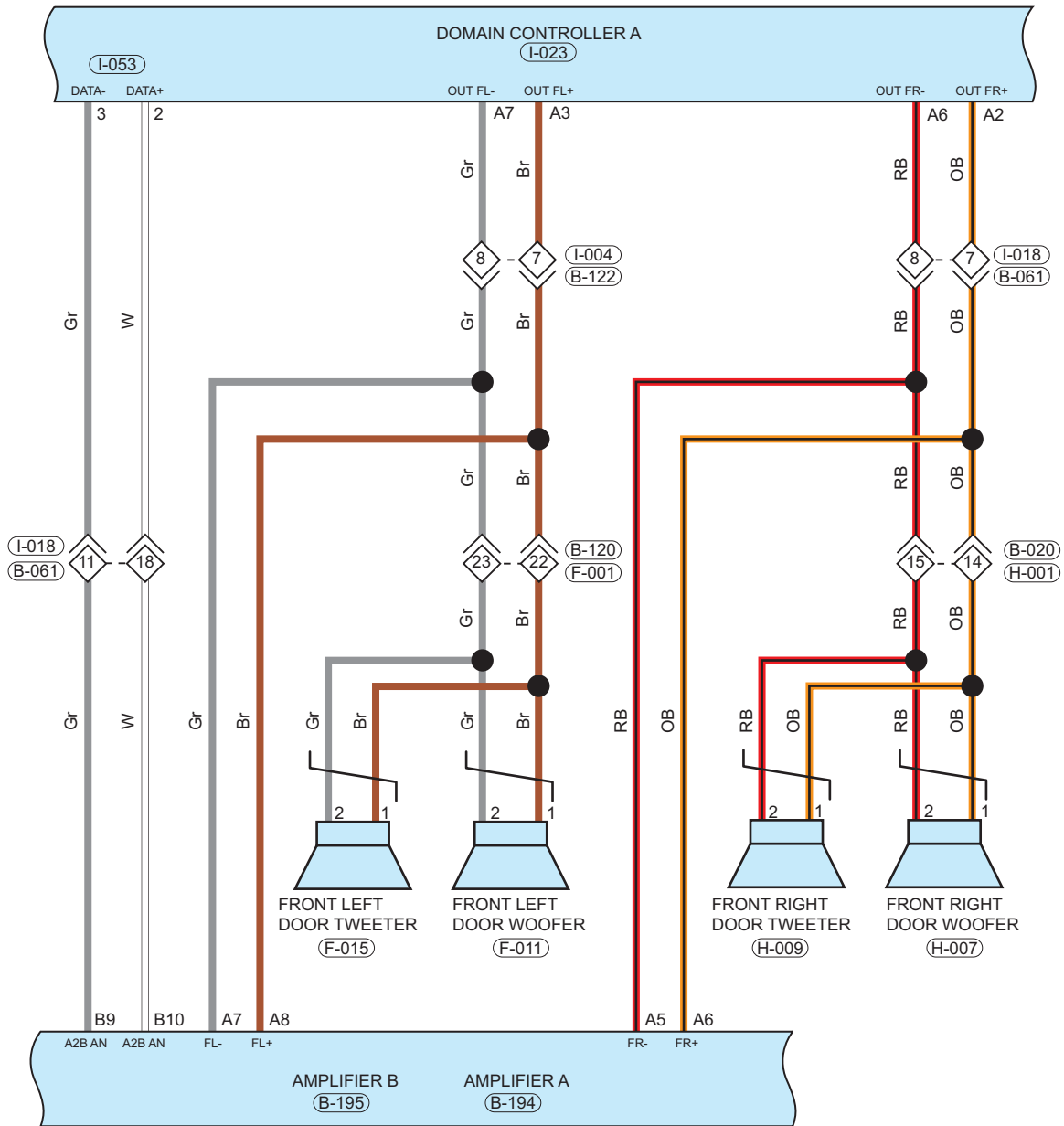
Domain Controller (Instrument Panel / Audio)



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Domain Controller (Instrument Panel / Audio / Amplifier)

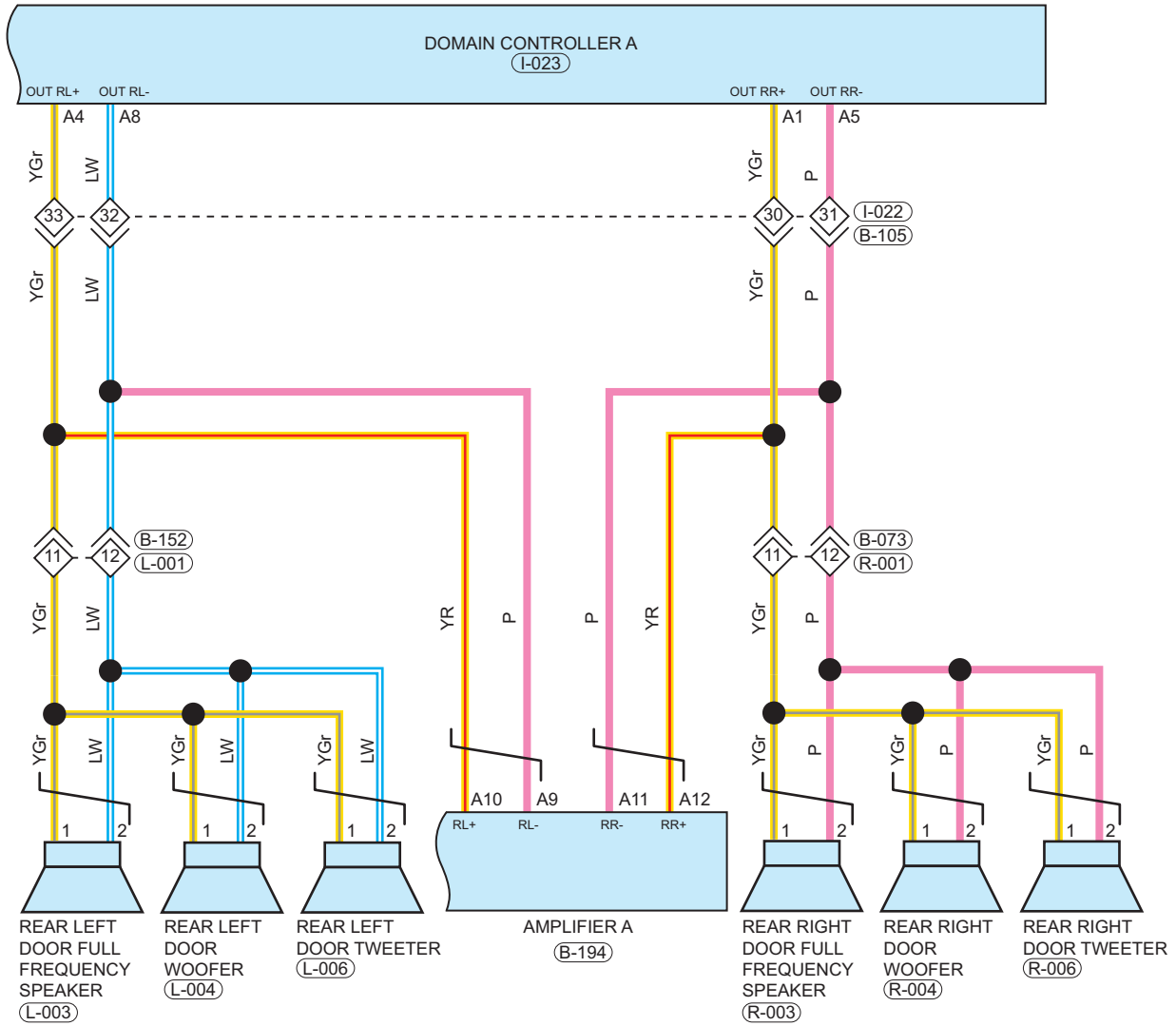


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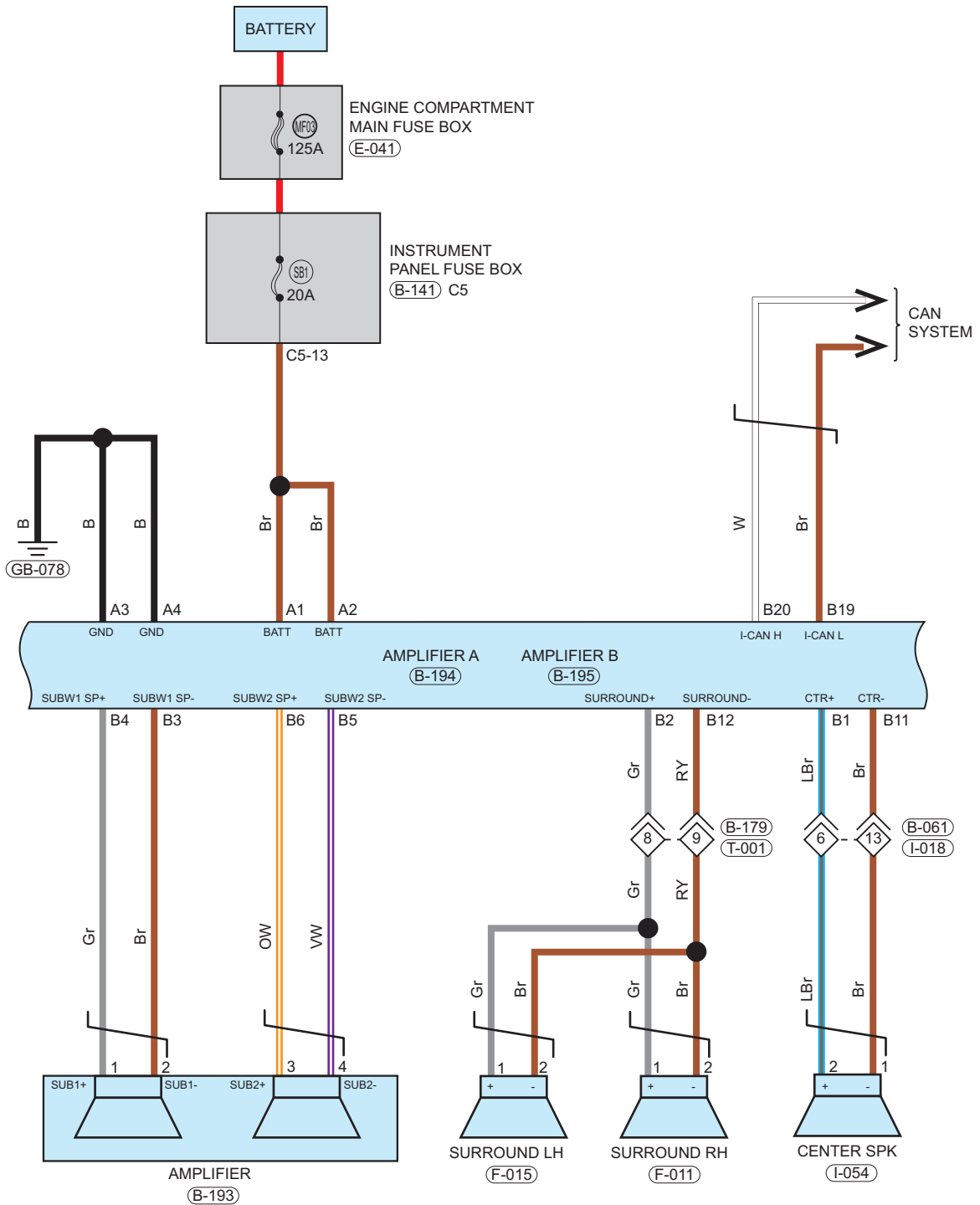
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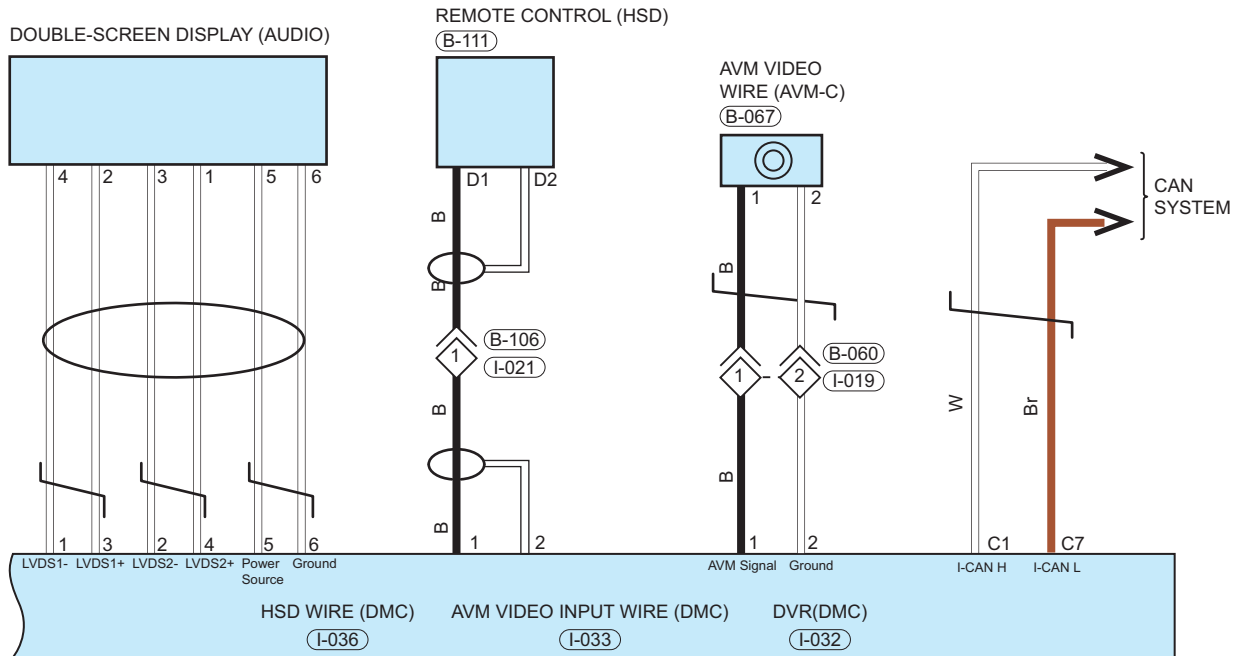
Domain Controller (Instrument Panel / Audio / Amplifier)



Domain Controller (Instrument Panel / Audio / Amplifier)



Domain Controller (Instrument Panel / Audio)



Domain Controller (Instrument Panel / Audio)

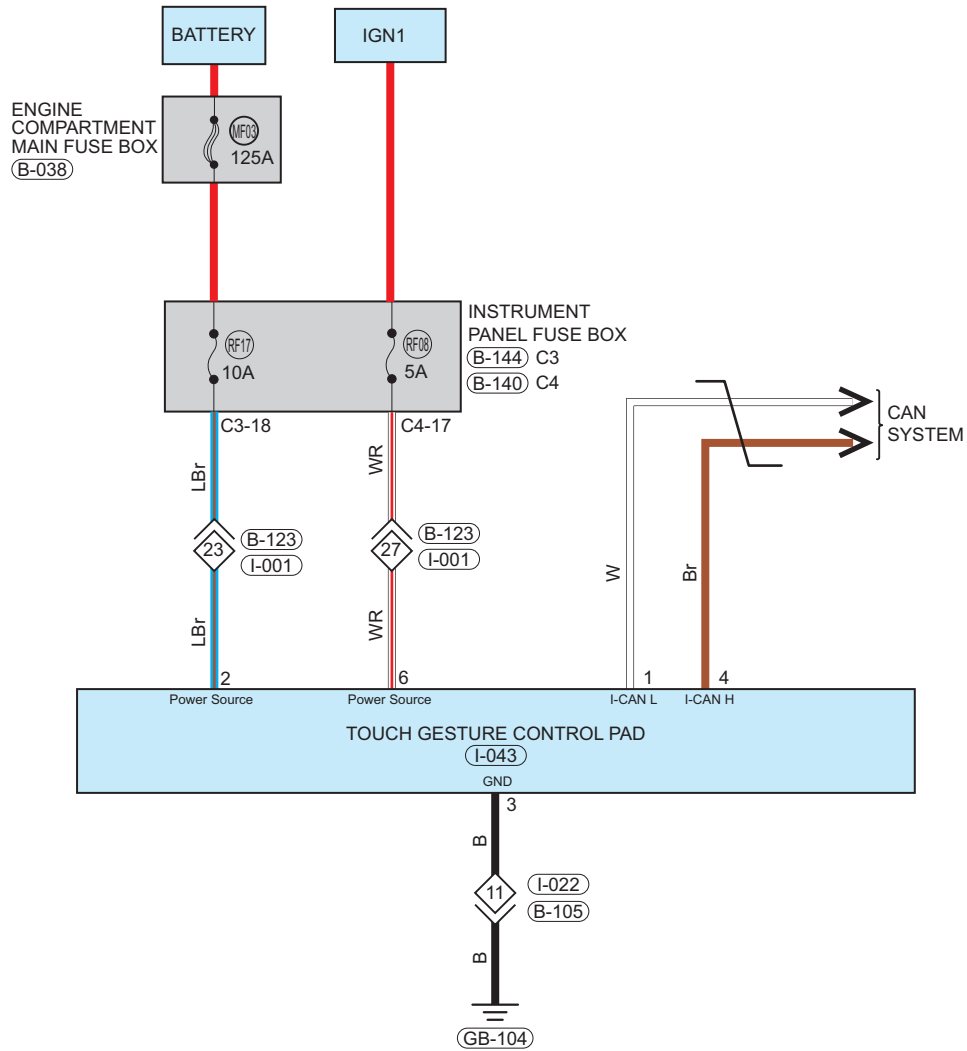
Wire Harness Connector	Name	Page Number
B-011	Interior Floor Wire Harness to Engine Wire Harness	10-41
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-045	Brake Fluid Level Sensor	10-43
B-058	AM/FM Antenna (Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface)	10-44
B-060	Front Right Door HD Camera	10-44
B-061	Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface (Right Side)	10-44
B-067	DMC Video Cable (AVM-C)	10-44
B-073	Interior Floor Wire Harness to Rear Right Door Wire Harness Interface	10-44
B-093	AM/FM Antenna	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-106	High Speed Data Transmission Line (TGW)	10-46
B-111	High Speed Data Transmission Line (TGW)-D	10-46
B-112	Remote Communication Gateway	10-46
B-117	Face Recognition Camera	10-46
B-118	Drive Recorder	10-46
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-124	Drive Recorder-B	10-47

Wire Harness Connector	Name	Page Number
B-133	Right Microphone	10-48
B-138	Face Recognition Camera	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-152	Interior Floor Wire Harness to Rear Left Door Wire Harness Connector	10-49
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-193	Amplifier	10-51
B-194	Amplifier-A	10-51
B-195	Amplifier-B	10-51
E-019	Engine Wire Harness to Interior Floor Wire Harness	10-7
E-031	Oil Pressure Sensor	10-7
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-011	Front Left Door Woofer	10-61
F-015	Front Left Door Tweeter	10-61
GB-034	Ground	10-43
GB-103	Ground	10-46
GB-104	Ground	10-46
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-007	Front Right Door Woofer	10-63
H-009	Front Right Door Tweeter	10-63
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-002	Face Recognition (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-57
I-003	Drive Recorder (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-57
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57

Wire Harness Connector	Name	Page Number
I-018	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 4 (Right Side)	10-57
I-019	AVM Video Line (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-58
I-020	AM/FM Antenna (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-58
I-021	Remote Control USB Wire (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-58
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-023	Audio Head Unit (DMC)-A	10-58
I-024	Audio Head Unit (DMC)-B	10-58
I-025	Audio Head Unit (DMC)-C	10-58
I-026	Audio Head Unit (DMC)-D	10-58
I-027	USB1	10-58
I-028	USB2	10-58
I-029	Instrument Cluster (DMC)	10-58
I-030	AM/FM Antenna (DMC)	10-58
I-031	Face Recognition (DMC)	10-58
I-032	DVR (DMC)	10-58
I-033	AVM Video Input Wire (DMC)	10-58
I-034	USB1	10-58
I-035	USB2	10-58
I-036	HSD Line (DMC)	10-58
I-038	Central Console Switch Assembly	10-58
I-053	Domain Controller	10-59
I-054	Center SPK	10-59
L-001	Rear Left Door Wire Harness to Interior Floor Wire Harness Connector	10-65
L-003	Rear Left Door Full-range Speaker	10-65
L-004	Rear Left Door Woofer	10-65
L-006	Rear Left Door Tweeter	10-65

Wire Harness Connector	Name	Page Number
R-001	Rear Right Door Wire Harness to Interior Floor Wire Harness Connector	10-67
R-003	Rear Right Door Full-range Speaker	10-67
R-004	Rear Right Door Woofer	10-67
R-006	Rear Right Door Tweeter	10-67
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71
T-016	Rear Back Door Wire Harness to Rear Back Door B Wire Harness	10-71
T-022	Rear Back Door B Wire Harness to Rear Back Door Wire Harness	10-71

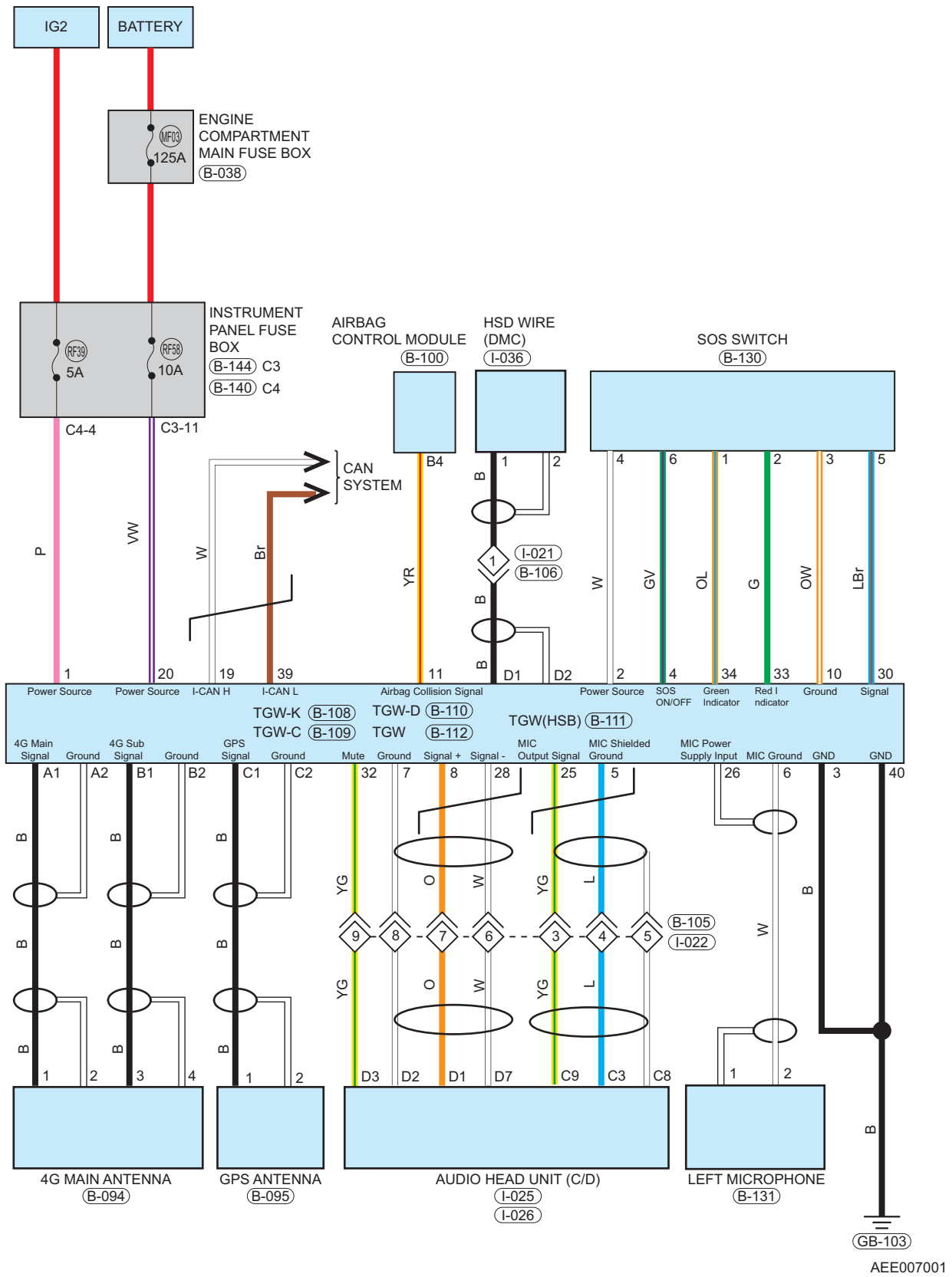
Touch Gesture Control Panel



Touch Gesture Control Panel

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-043	Touch Gesture Control Panel	10-58

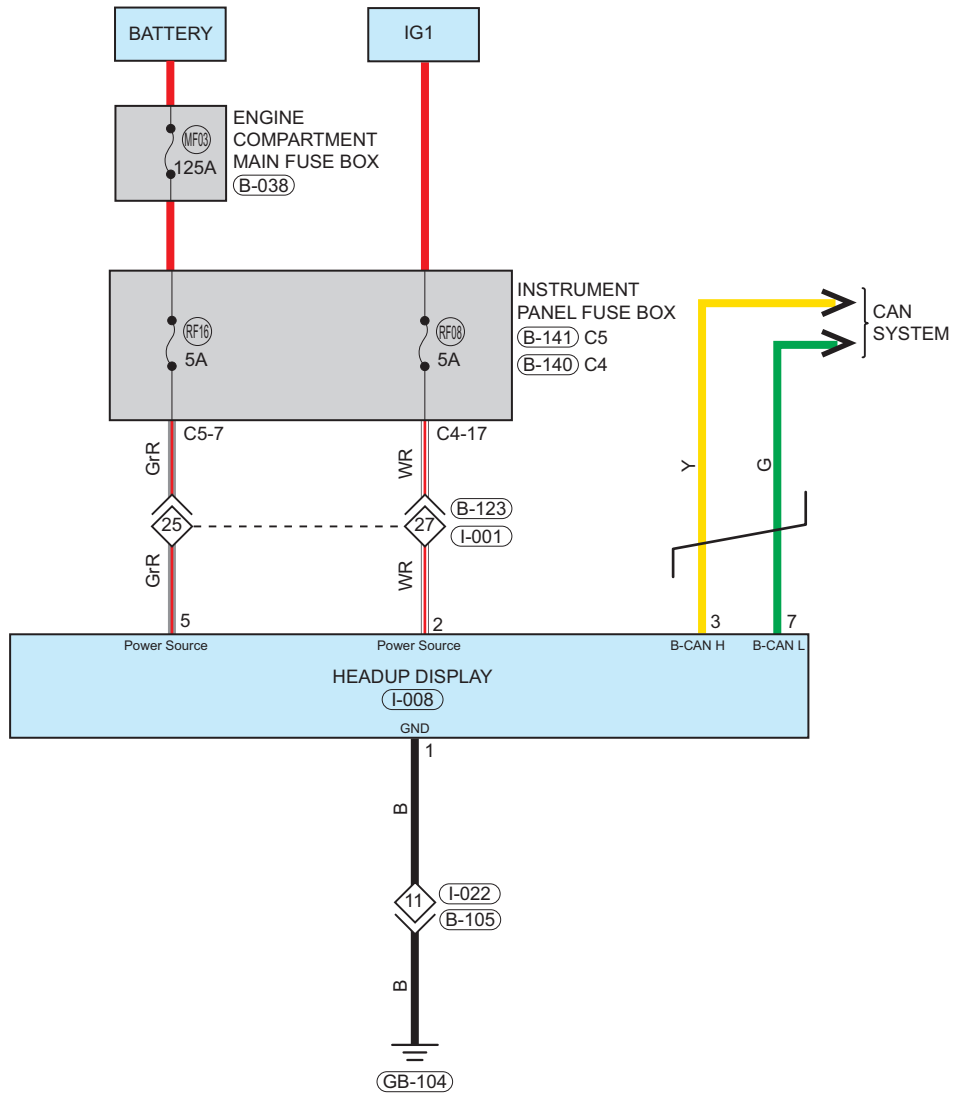
Information Communication System (TBOX)



Information Communication System (TBOX)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-094	4G Main Antenna	10-45
B-095	GPS Antenna	10-45
B-100	Airbag Control Module B	10-46
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-106	High Speed Data Transmission Line (TGW)	10-46
B-108	4G Antenna-B	10-46
B-109	GPS Antenna-C	10-46
B-110	4G Main Antenna-A	10-46
B-111	High Speed Data Transmission Line (TGW)-D	10-46
B-112	Remote Communication Gateway	10-46
B-130	SOS Switch	10-47
B-131	Left Microphone	10-48
B-140	Instrument Cluster Fuse Box C4	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-103	Ground	10-46
I-021	Remote Control USB Wire (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-58
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-025	Audio Head Unit (DMC)-C	10-58
I-026	Audio Head Unit (DMC)-D	10-58
I-036	HSD Line (DMC)	10-58

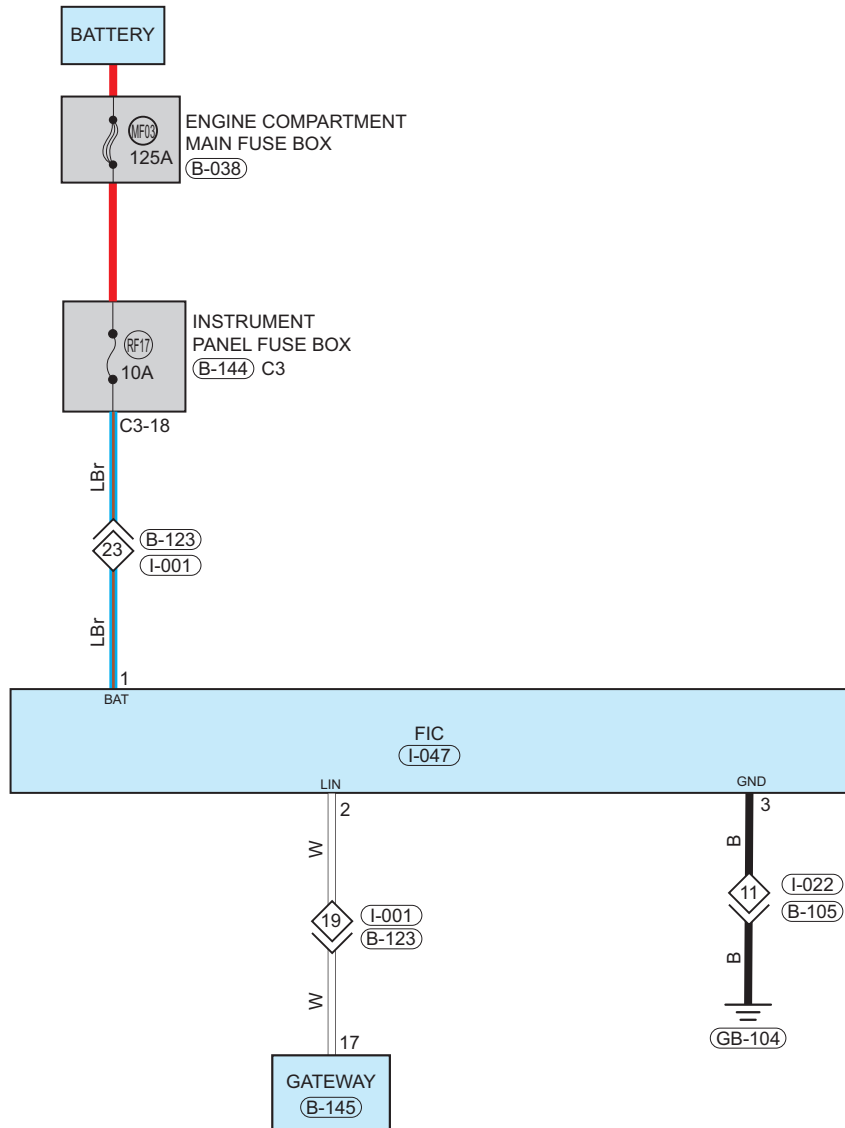
HEAD UP DISPLAY



HEAD UP DISPLAY

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-008	HEAD UP DISPLAY	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

FIC



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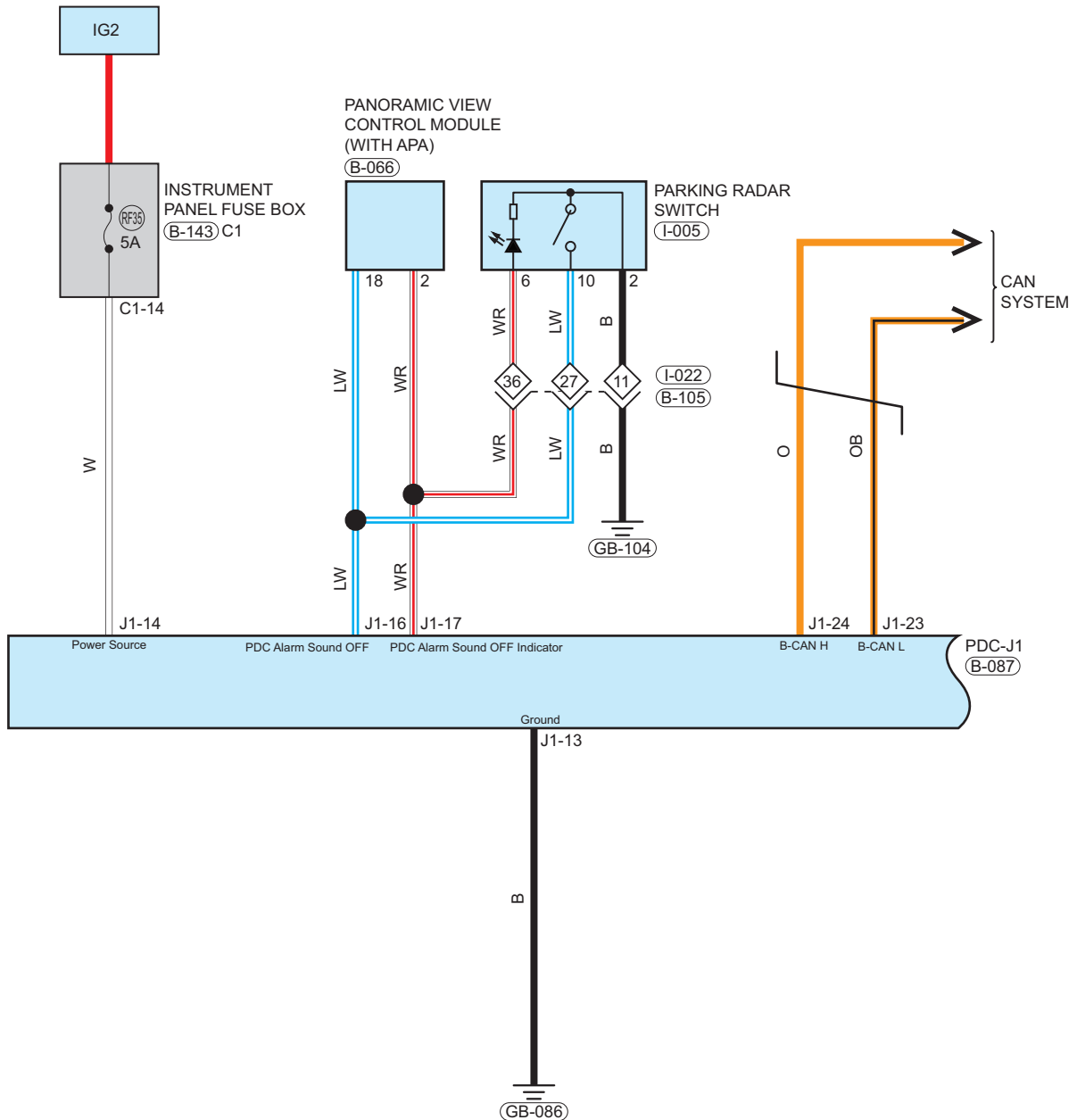
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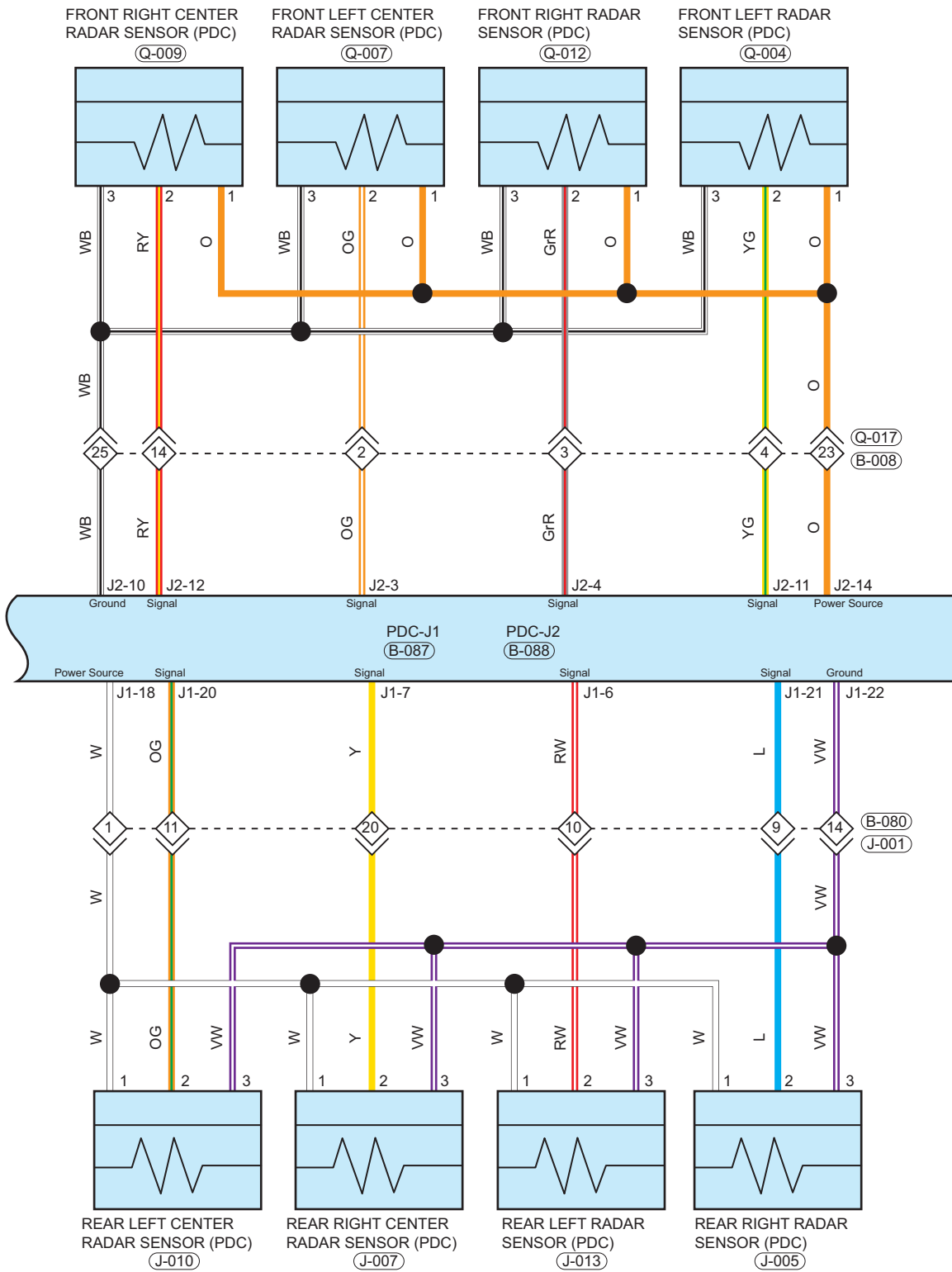
FIC

Wire Harness Connector	Name	Page Number
B-145	GATEWAY	10-41
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-047	FIC	10-59

Parking Radar Assist System (RADAR)



Parking Radar Assist System (RADAR)



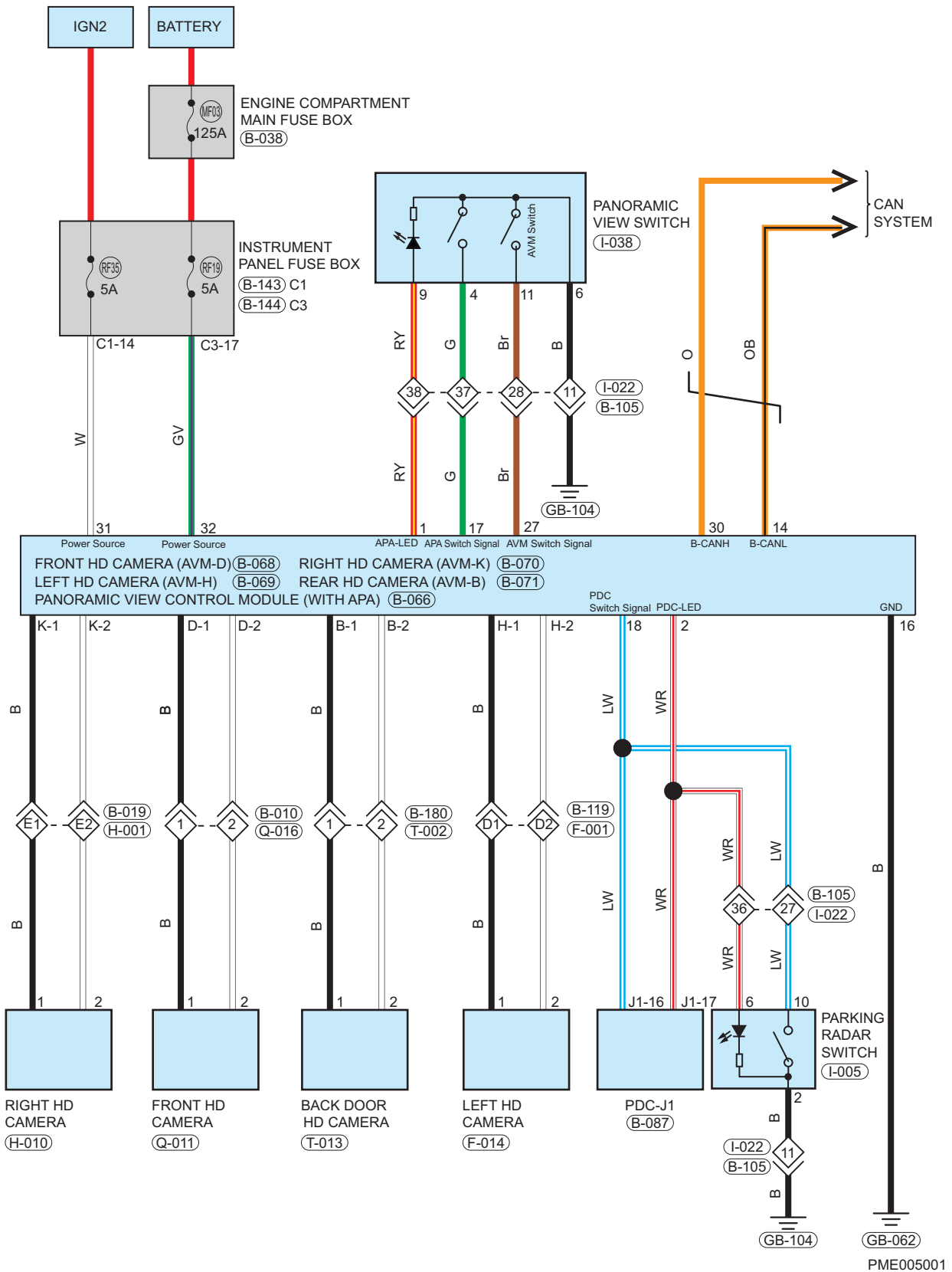
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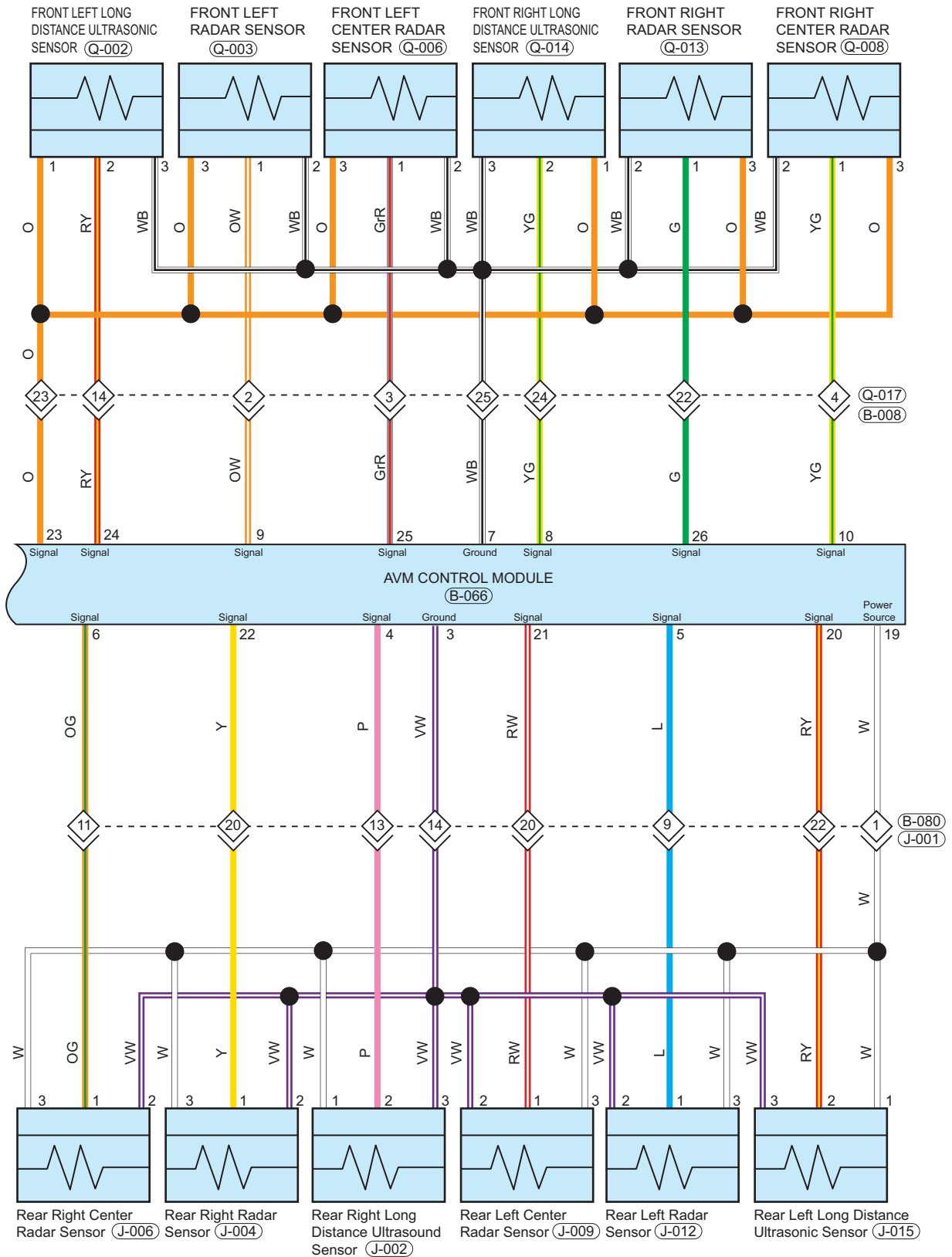
Parking Radar Assist System (RADAR)

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-41
B-066	Panoramic View Monitor Control Module (With APA)	10-44
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-087	PDC-J1	10-45
B-088	PDC-J2	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-143	Instrument Cluster Fuse Box C1	10-48
GB-086	Ground	10-45
GB-104	Ground	10-46
I-005	Headlight Adjustment Switch	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15
J-005	Rear Right Radar Sensor (PDC)	10-15
J-007	Rear Right Center Radar Sensor (PDC)	10-15
J-010	Rear Left Center Radar Sensor (PDC)	10-15
J-013	Rear Left Radar Sensor (PDC)	10-15
Q-004	Front Left Radar Sensor (PDC)	10-13
Q-007	Front Left Center Radar Sensor (PDC)	10-13
Q-009	Front Right Center Radar Sensor (PDC)	10-13
Q-012	Front Right Radar Sensor (PDC)	10-13
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-13

Panoramic View Monitor System (AVM) With APA

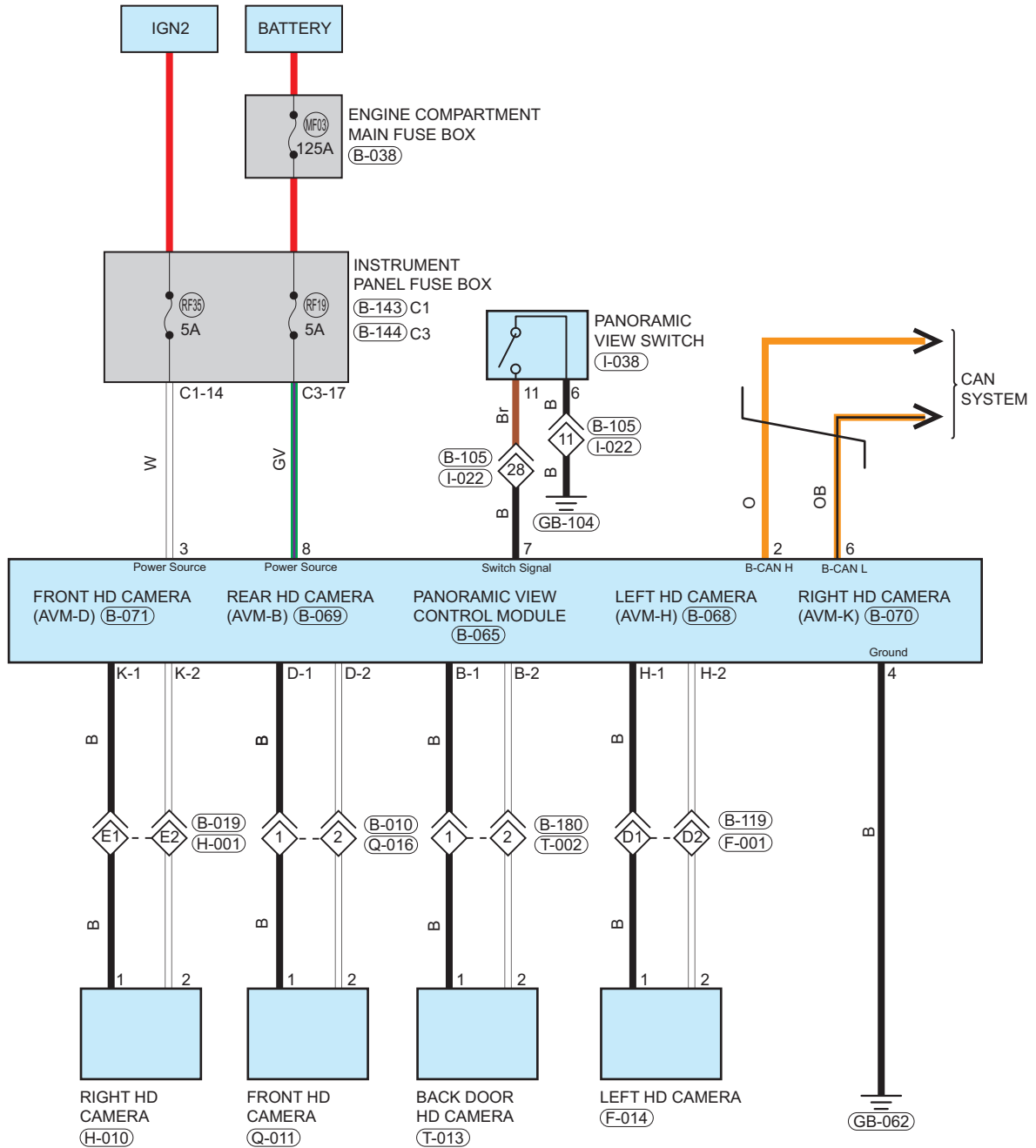


Panoramic View Monitor System (AVM) With APA



PME007001

Panoramic View Monitor System (AVM) Without APA



PME009001

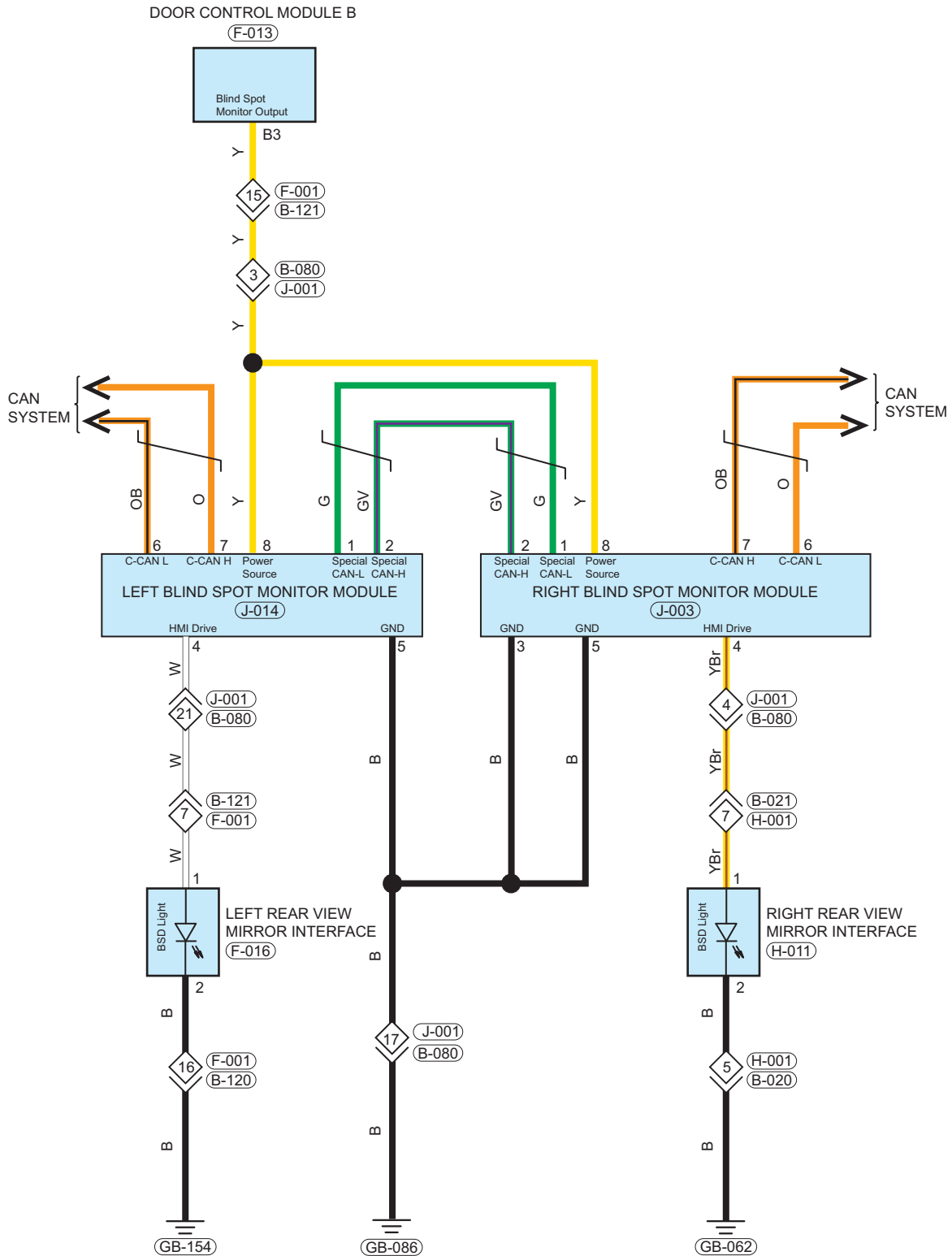


Panoramic View Monitor System (AVM)

Wire Harness Connector	Name	Page Number
B-008	Interior Floor Wire Harness to Front Bumper Wire Harness	10-41
B-010	Front HD Camera Interface	10-41
B-019	Front Right Door HD Camera Interface	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-065	Panoramic View Monitor Control Module	10-44
B-066	Panoramic View Monitor Control Module (With APA)	10-44
B-068	Left Side HD Camera (AVM-H)	10-44
B-069	Rear HD Camera (AVM-B)	10-44
B-070	Right Side HD Camera (AVM-K)	10-44
B-071	Front HD Camera (AVM-D)	10-44
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-087	PDC-J1	10-45
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-119	Left Side HD Camera	10-46
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-180	Rear HD Camera	10-50
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-014	Left Side HD Camera	10-61
GB-062	Ground	10-44
GB-104	Ground	10-46
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-010	Right Side HD Camera	10-63
I-005	Headlight Adjustment Switch	10-57

Wire Harness Connector	Name	Page Number
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-038	Central Console Switch Assembly	10-58
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15
J-002	Rear Right Long Distance Ultrasonic Sensor (APA)	10-15
J-004	Rear Right Radar Sensor (APA)	10-15
J-006	Rear Right Center Radar Sensor (APA)	10-15
J-009	Rear Left Center Radar Sensor (APA)	10-15
J-012	Rear Left Radar Sensor (APA)	10-15
J-015	Rear Left Long Distance Ultrasonic Sensor (APA)	10-15
Q-002	Front Left Long Distance Ultrasonic Sensor (APA)	10-13
Q-003	Front Left Radar Sensor (APA)	10-13
Q-006	Front Left Center Radar Sensor (APA)	10-13
Q-008	Front Right Center Radar Sensor (APA)	10-13
Q-011	Front HD Camera	10-13
Q-013	Front Right Radar Sensor (APA)	10-13
Q-014	Front Right Long Distance Ultrasonic Sensor (APA)	10-13
Q-016	Camera (Front Bumper Wire Harness to Interior Floor Wire Harness Interface)	10-13
Q-017	Front Bumper Wire Harness to Interior Floor Wire Harness Interface	10-13
T-002	Camera (Rear Back door Wire Harness to Interior Floor Wire Harness Interface)	10-71
T-013	Rear Back Door HD Camera	10-71

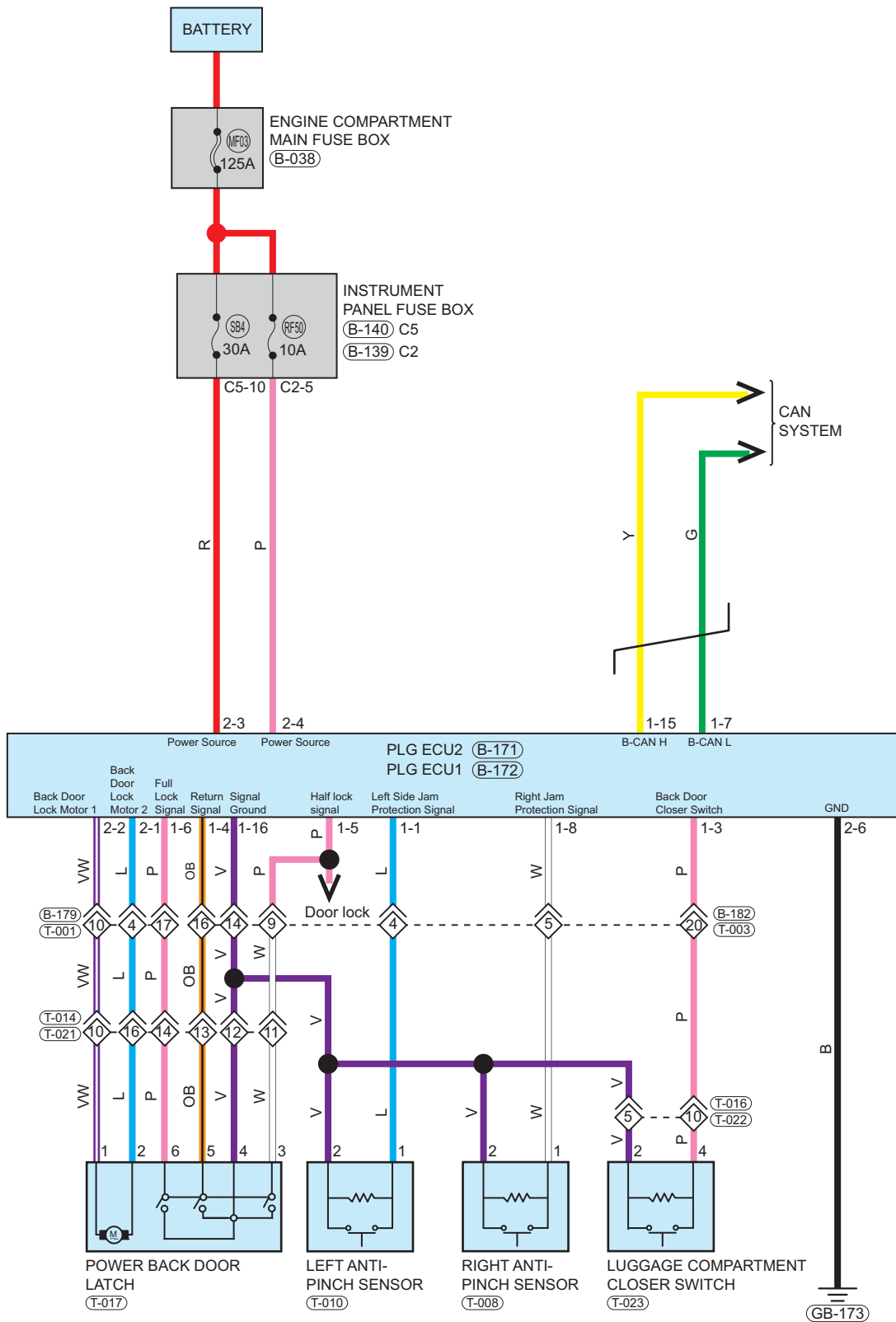
Blind Spot Detection System (BSD)



Blind Spot Detection System (BSD)

Wire Harness Connector	Name	Page Number
B-020	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-021	Interior Floor Wire Harness to Front Right Door Wire Harness	10-42
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-121	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 3	10-47
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-013	Door Control Module B	10-61
F-016	Left Rear View Mirror Interface	10-61
GB-062	Ground	10-44
GB-086	Ground	10-45
GB-154	Ground	10-49
H-001	Front Right Door Wire Harness to Interior Floor Wire Harness Connector	10-63
H-011	Right Rear View Mirror Interface	10-63
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15
J-003	Right Blind Spot Detection Module	10-15
J-014	Left Blind Spot Detection Module	10-15

Power Back Door System (PLG)

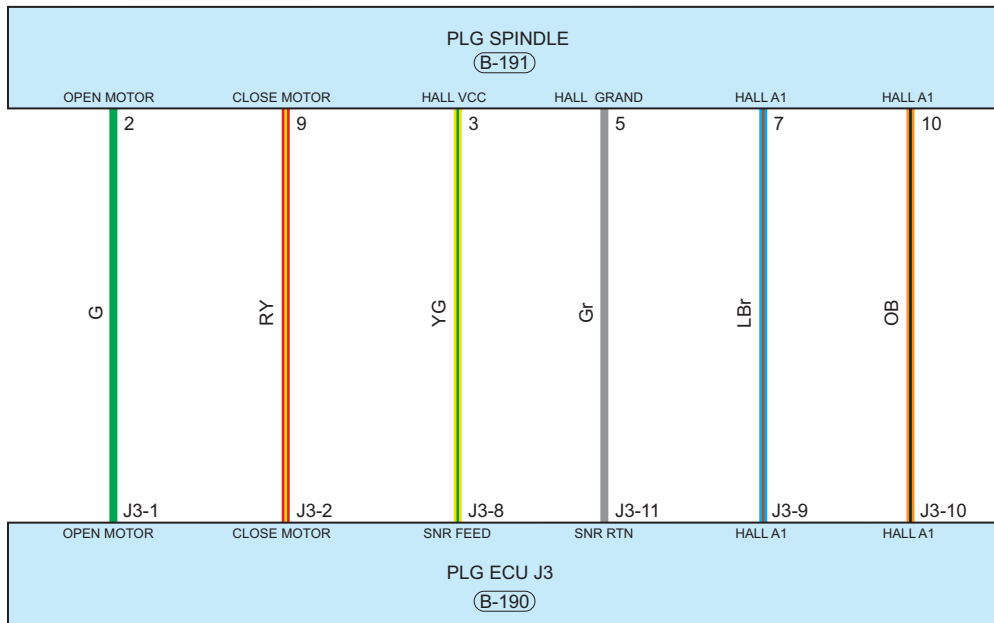


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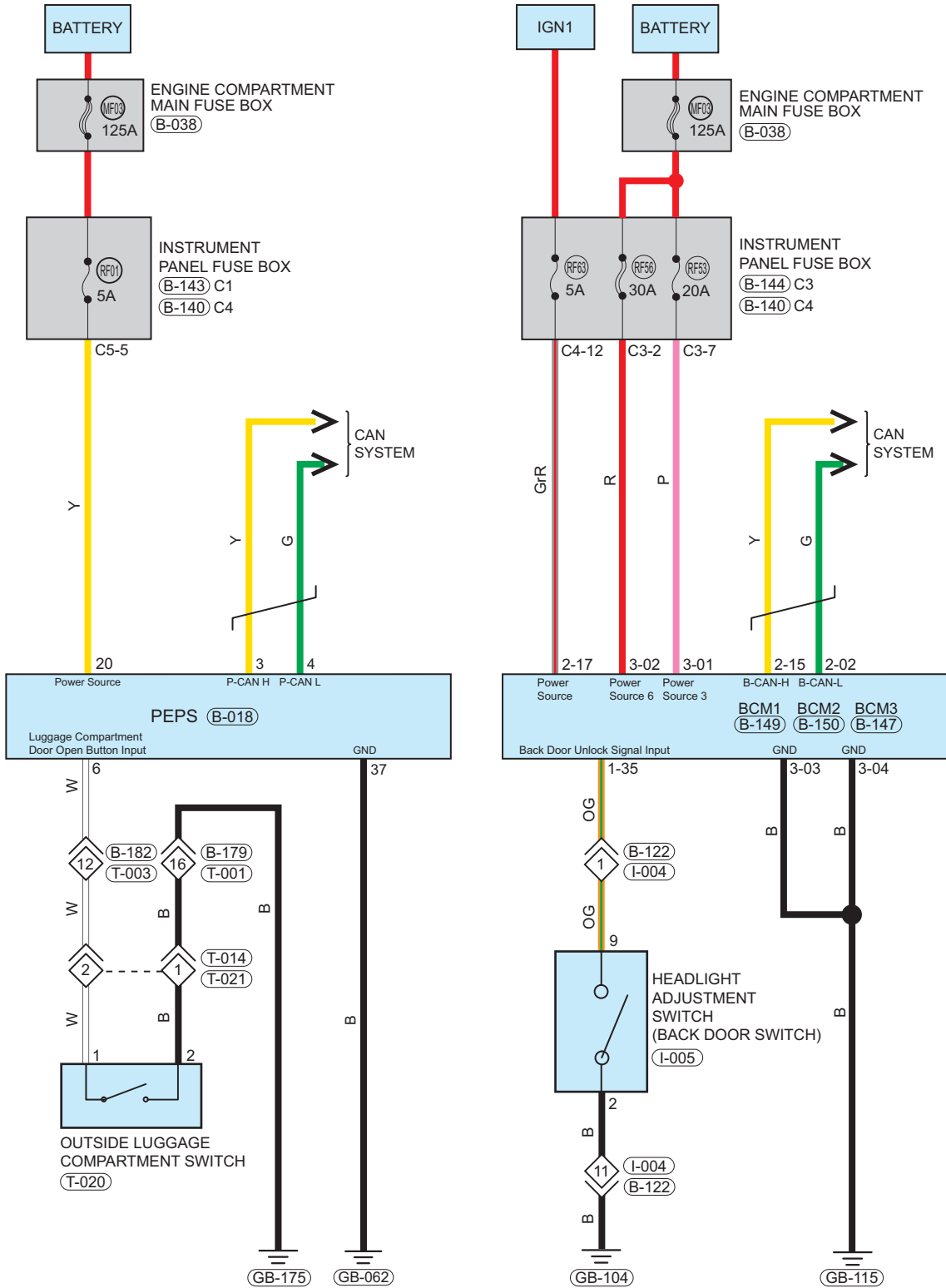
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Power Back Door System (PLG)



Power Back Door System (PLG)



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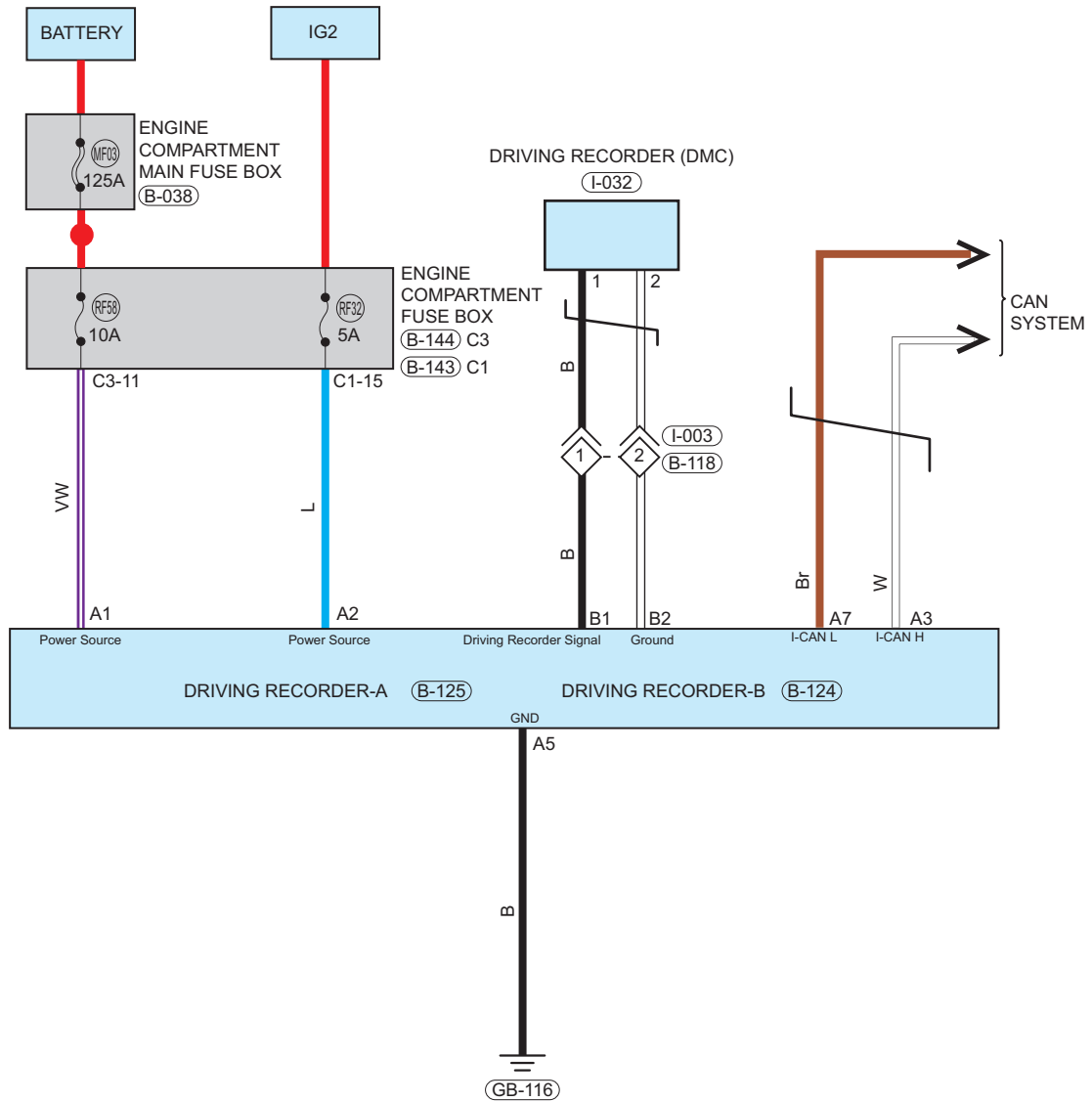


Power Back Door System (PLG)

Wire Harness Connector	Name	Page Number
B-018	PEPS	10-42
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-139	Instrument Cluster Fuse Box C2	10-48
B-140	Instrument Cluster Fuse Box C4	10-48
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-147	BCM 3	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
B-171	Power Back Door Module 2	10-49
B-172	Power Back Door Module 1	10-50
B-179	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 2	10-50
B-182	Interior Floor Wire Harness to Rear Back Door Wire Harness Connector 1	10-50
B-190	PLG ECU 3	10-51
B-191	PLG Spindle	10-51
GB-062	Ground	10-44
GB-104	Ground	10-46
GB-115	Ground	10-46
GB-173	Ground	10-50
GB-175	Ground	10-50
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-005	Headlight Adjustment Switch	10-57
T-001	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 2	10-71

Wire Harness Connector	Name	Page Number
T-003	Rear Back Door Wire Harness to Interior Floor Wire Harness Connector 1	10-71
T-008	Right Anti-pinch Sensor	10-71
T-010	Left Anti-pinch Sensor	10-71
T-014	Rear Back Door Wire Harness to Rear Back Door A Wire Harness	10-71
T-016	Rear Back Door Wire Harness to Rear Back Door B Wire Harness	10-71
T-017	Power Back Door Latch	10-71
T-020	External Luggage Compartment Switch	10-71
T-021	Rear Back Door A Wire Harness to Rear Back Door Wire Harness	10-71
T-022	Rear Back Door B Wire Harness to Rear Back Door Wire Harness	10-71
T-023	Luggage Compartment OFF Switch	10-71

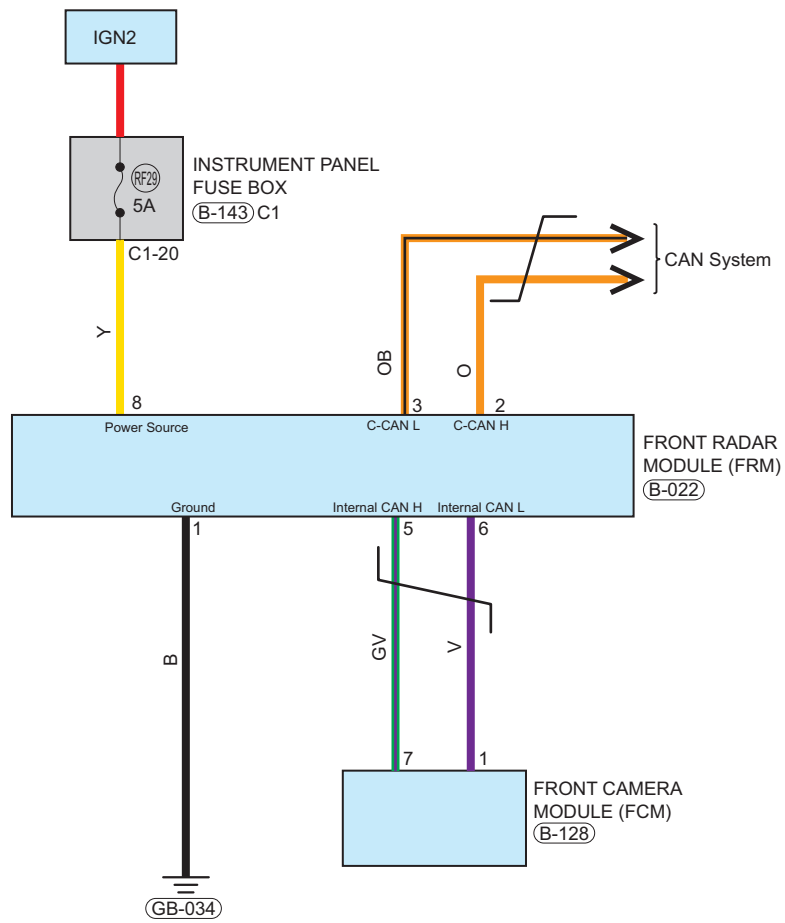
Drive Recorder (DVR)



Drive Recorder (DVR)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-118	Drive Recorder (Interior Floor Wire Harness to Instrument Cluster Wire Harness Interface)	10-46
B-124	Drive Recorder-B	10-47
B-125	Drive Recorder-A	10-47
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-116	Ground	10-46
I-003	Drive Recorder (Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface)	10-57
I-032	DVR (DMC)	10-58

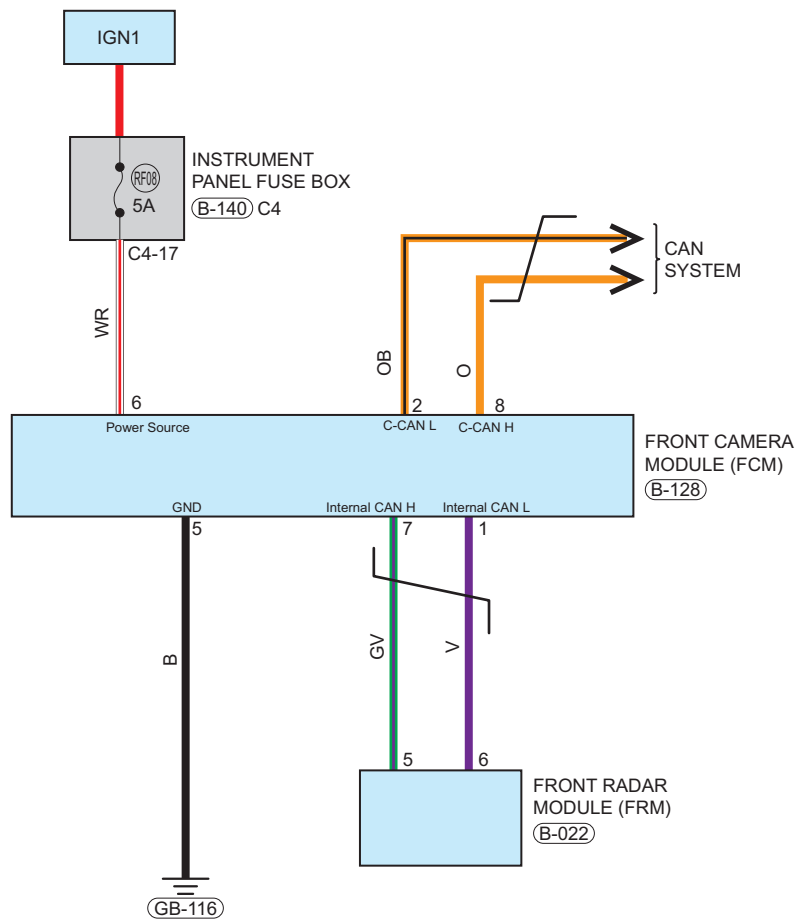
Front Radar Module (FRM)



Front Radar Module (FRM)

Wire Harness Connector	Name	Page Number
B-022	Front Radar Module	10-42
B-128	Front Camera Module	10-47
B-143	Instrument Cluster Fuse Box C1	10-48
GB-034	Ground	10-43

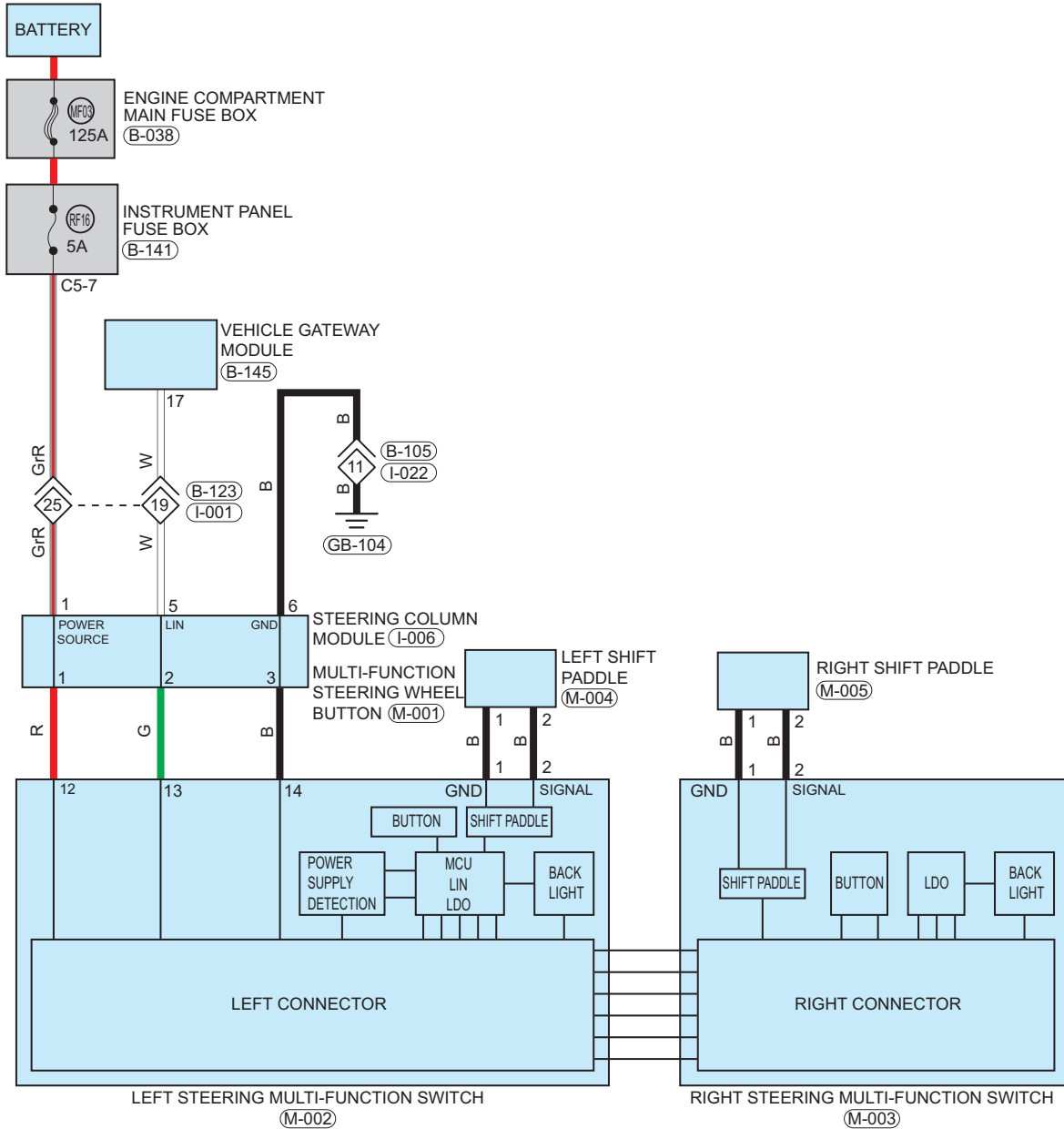
Front Camera System (FCM)



Front Camera System (FCM)

Wire Harness Connector	Name	Page Number
B-022	Front Radar Module	10-42
B-128	Front Camera Module	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
GB-116	Ground	10-46

Multi-function Steering Wheel (MFS)



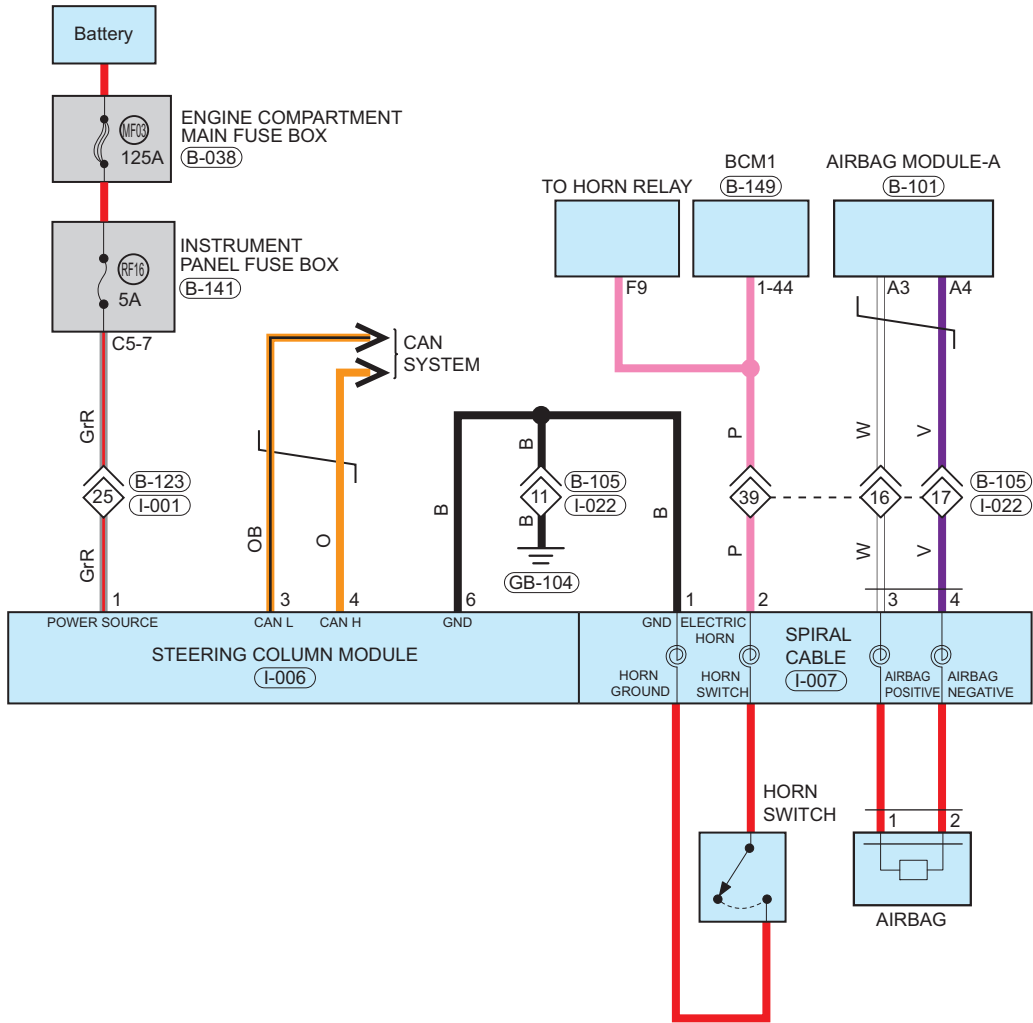
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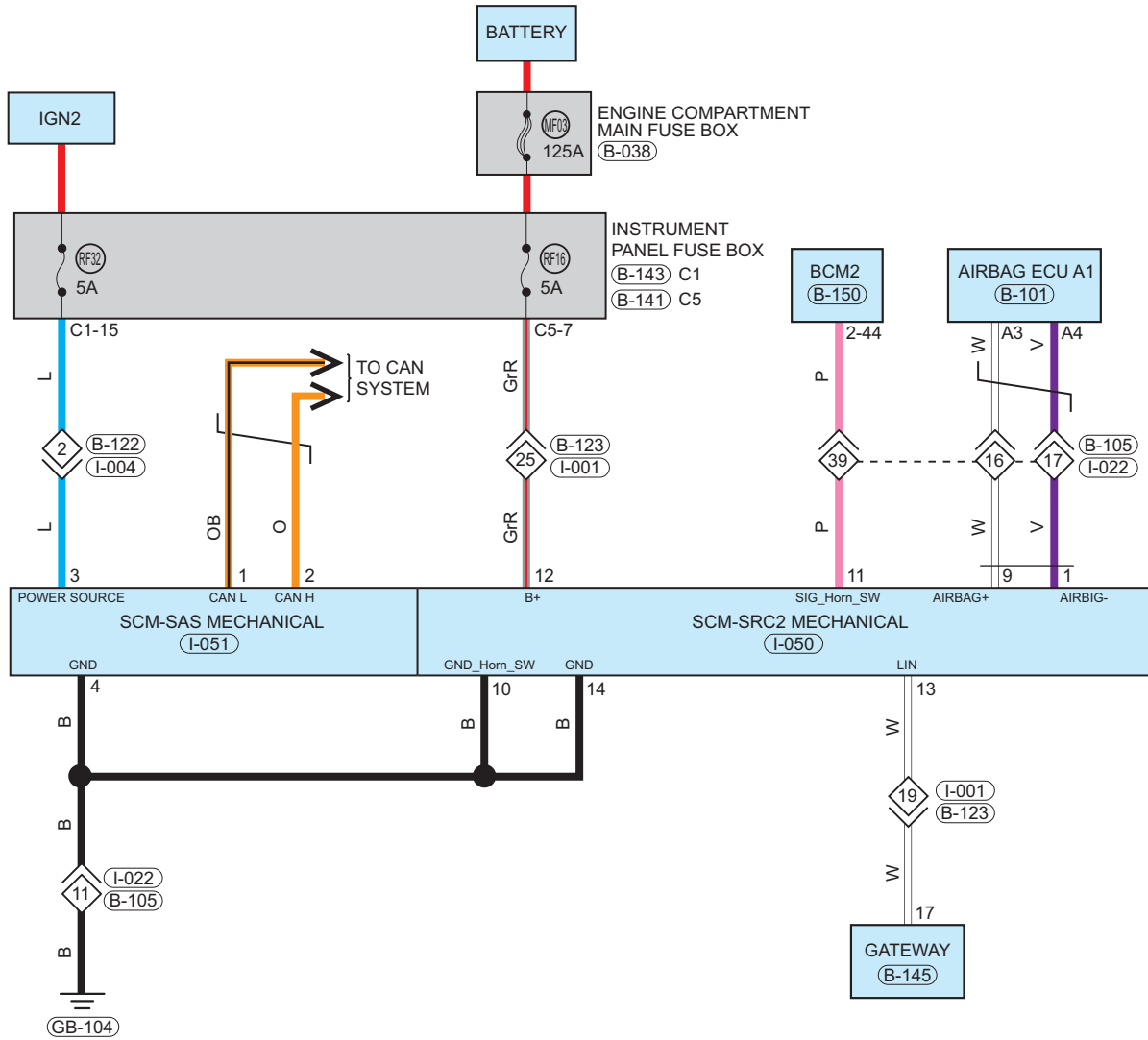
Multi-function Steering Wheel (MFS)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-141	Instrument Cluster Fuse Box C5	10-48
B-145	Vehicle Gateway Module	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-006	Steering Column Module	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
M-001	Multi-function Steering Wheel Button	10-77
M-002	Left Steering Wheel Multi-function Switch	10-77
M-003	Right Steering Wheel Multi-function Switch	10-77
M-004	Left Shift Paddle	10-77
M-005	Right Shift Paddle	10-77

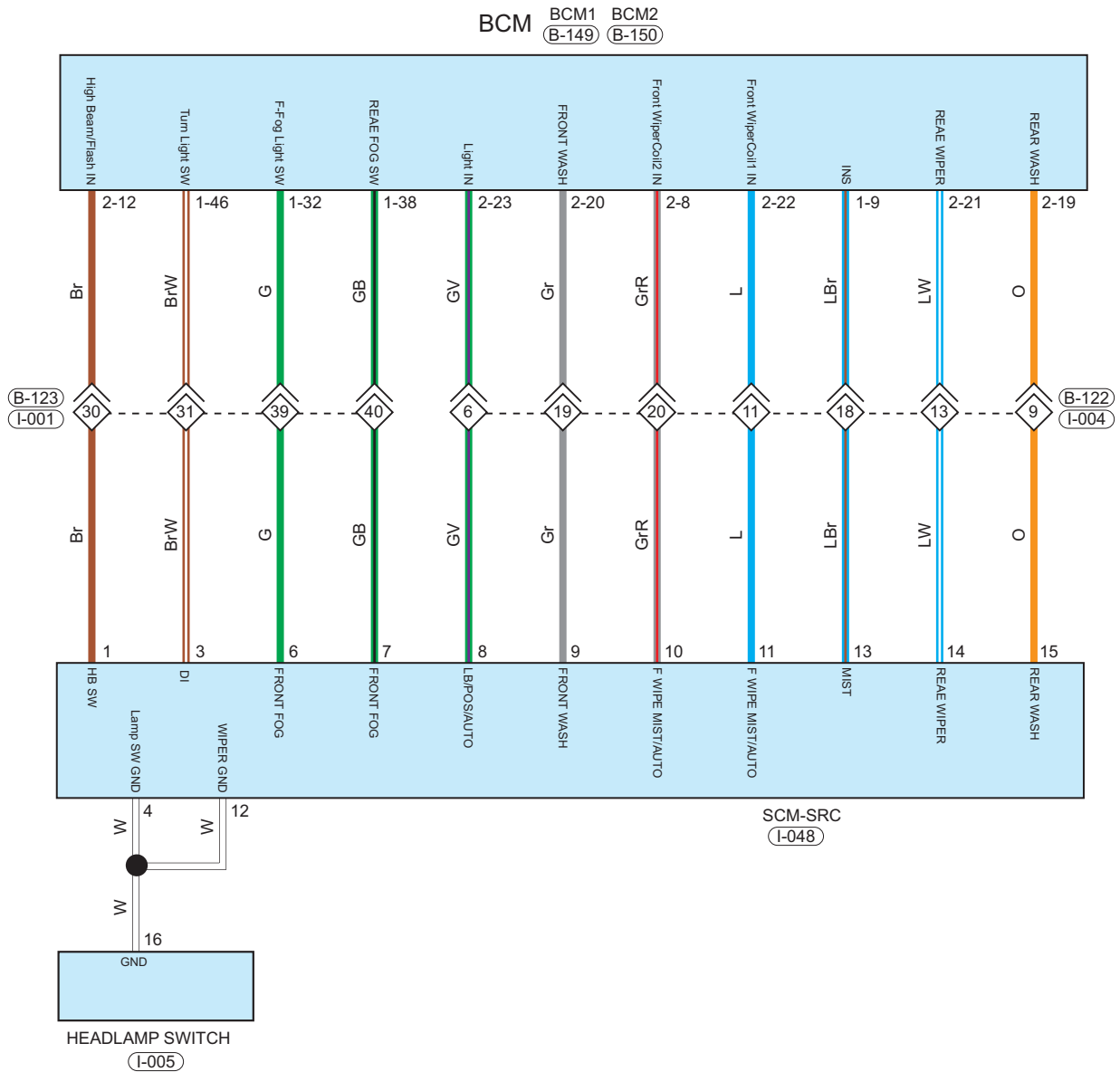
Steering Column Module (SCM)



Steering Column Module (SCM)



Steering Column Module (SCM)



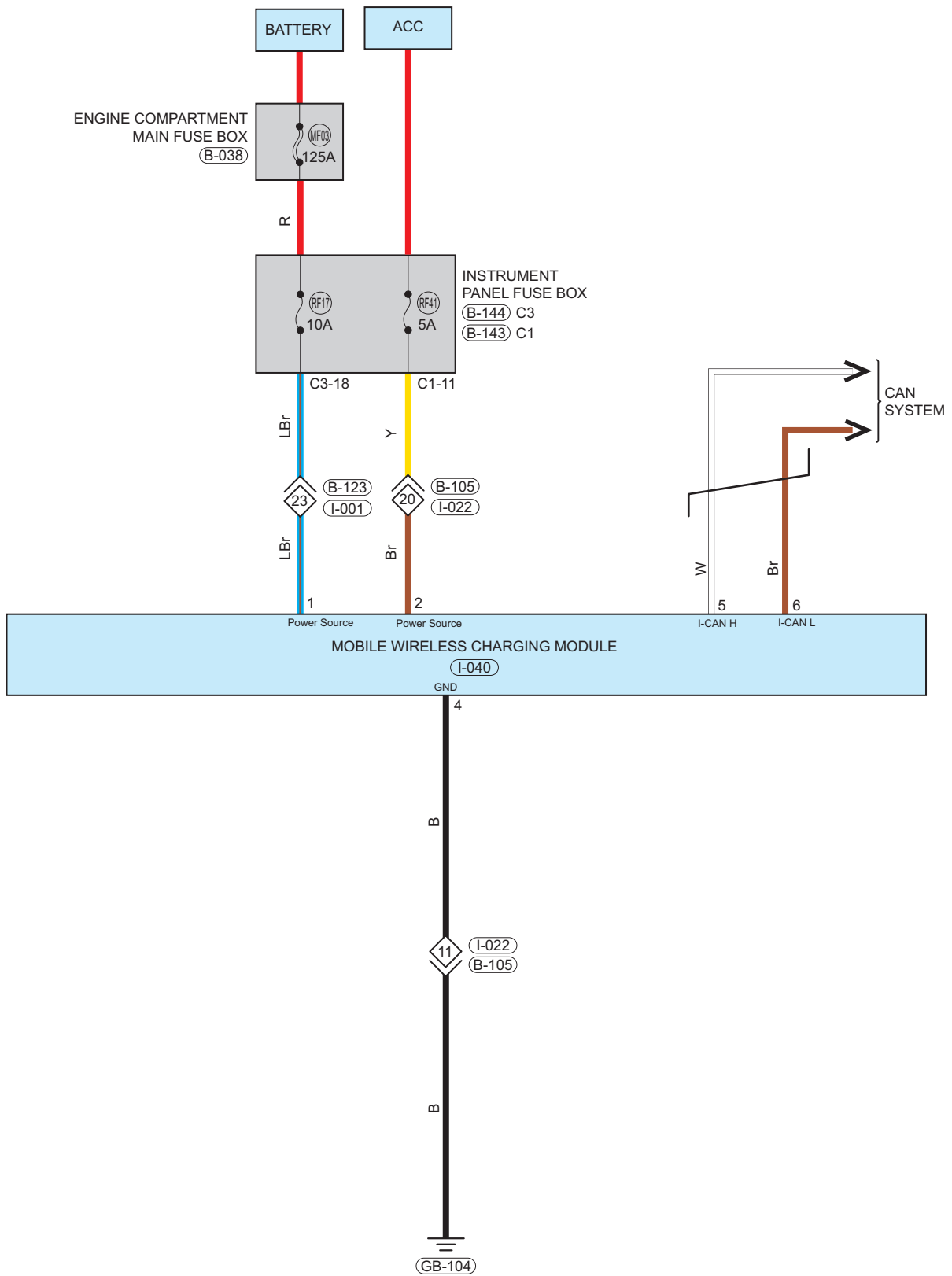
OTE007001



Steering Column Module (SCM)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-101	Airbag Control Module A	10-46
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-141	Instrument Cluster Fuse Box C5	10-48
B-143	Instrument Panel Fuse Box C1	10-48
B-145	Vehicle Gateway Module	10-48
B-149	BCM 1	10-48
B-150	BCM 2	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-004	W Instrument Panel Wire Harness to Interior Floor Wire Harness 2	10-57
I-005	B Headlight Adjustment Switch	10-57
I-006	Steering Column Module	10-57
I-007	Spiral Cable	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-048	SCM-SCS	10-59
I-050	SCM-SRC2 MECHANICAL	10-59
I-051	SCM-SAS MECHANICAL	10-59

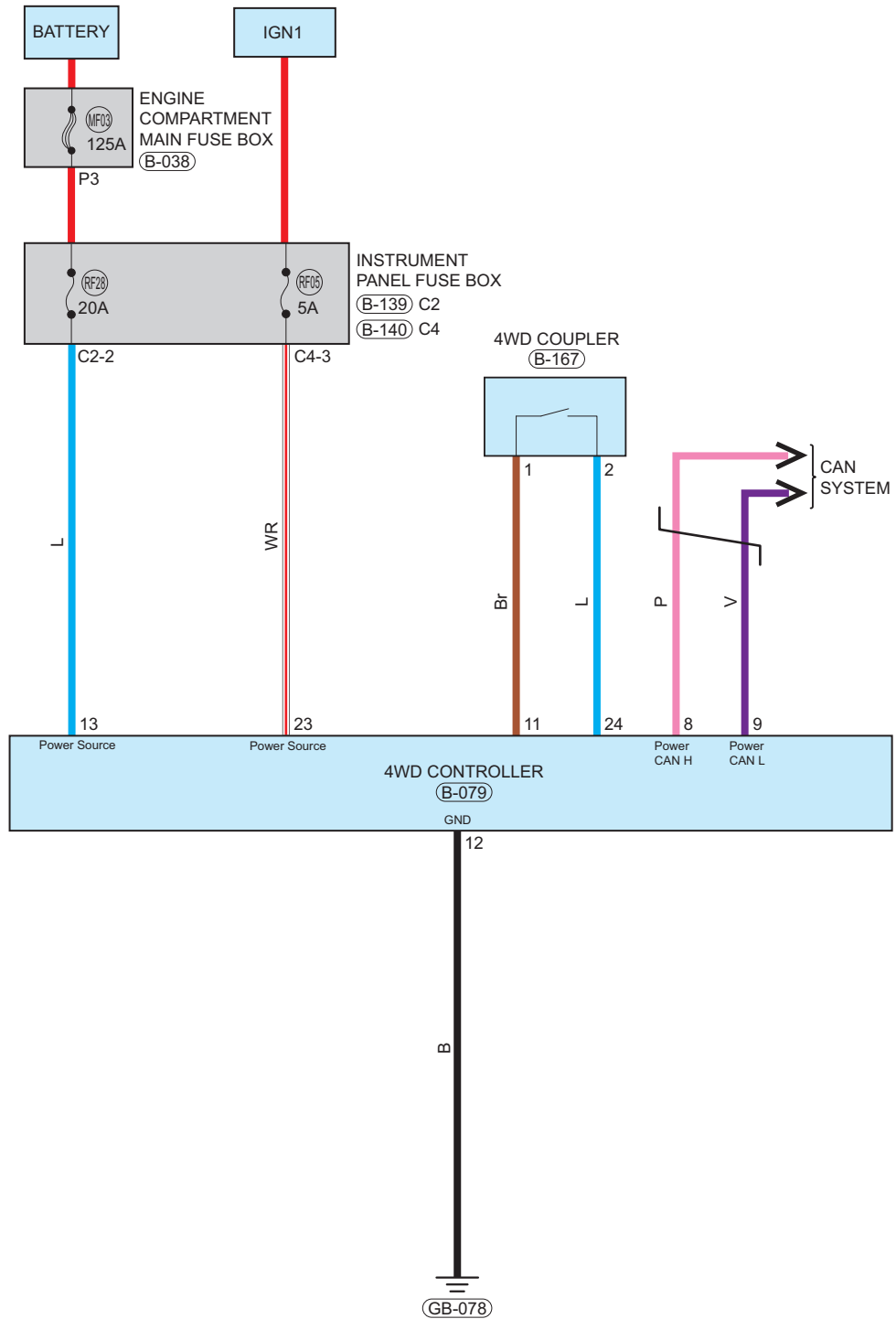
Wireless Charging System (CWC)



Wireless Charging System (CWC)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-143	Instrument Cluster Fuse Box C1	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-104	Ground	10-46
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-040	Mobile Phone Wireless Charging Module	10-58

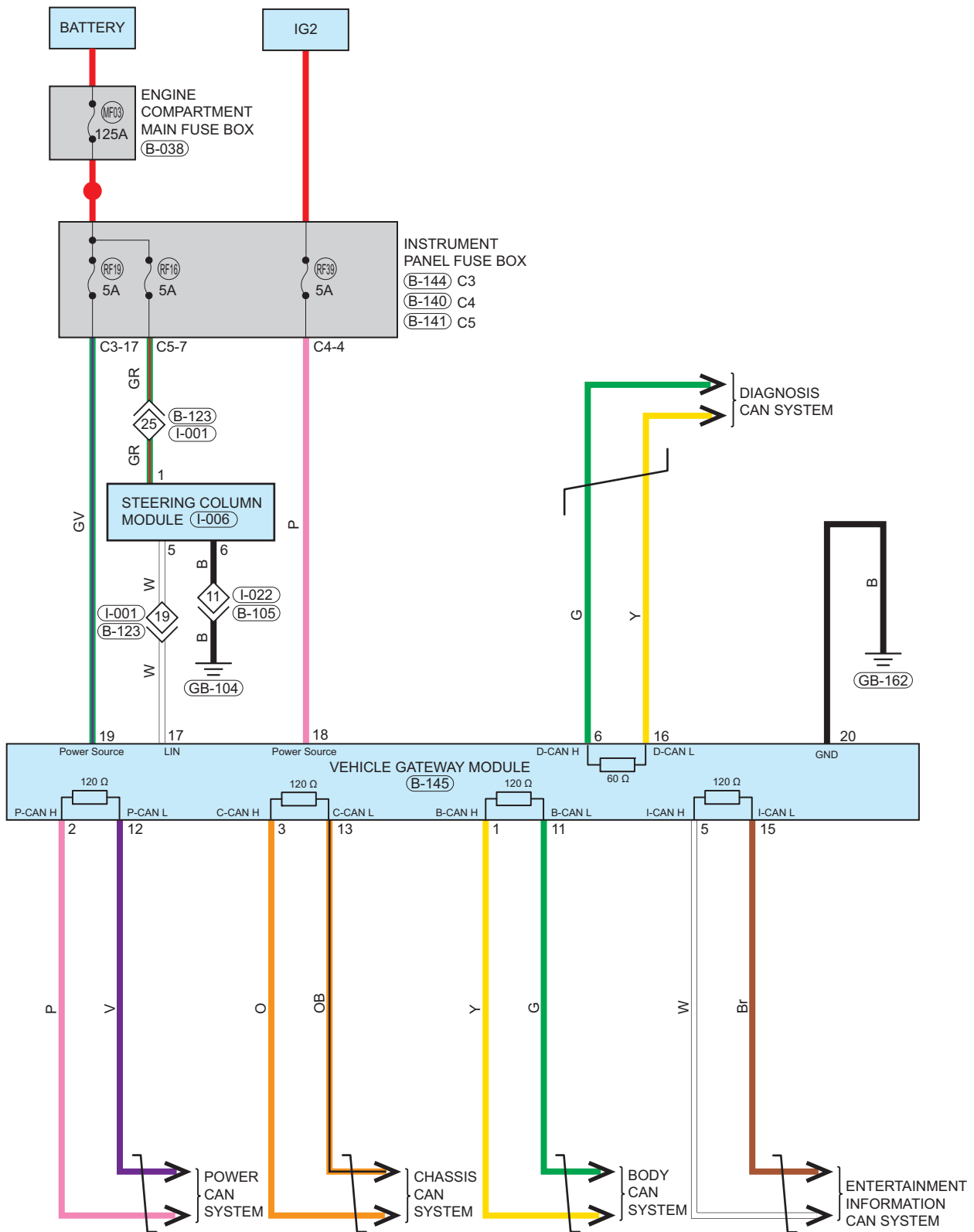
4WD System



4WD System

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-079	4WD Controller	10-45
B-139	Instrument Cluster Fuse Box C2	10-48
B-140	Instrument Cluster Fuse Box C4	10-48
B-167	4WD Coupler	10-49
GB-078	Ground	10-45

Central Gateway (CGW)



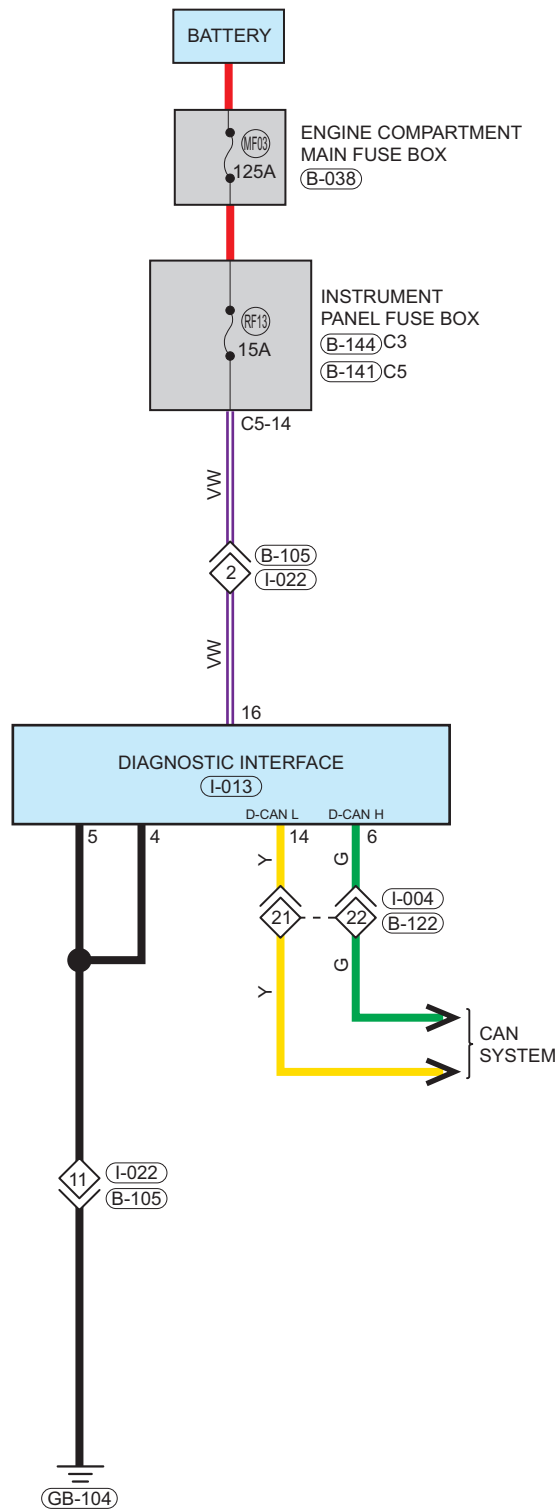
CGE001001



Central Gateway (CGW)

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-140	Instrument Cluster Fuse Box C4	10-48
B-141	Instrument Cluster Fuse Box C5	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
B-145	Vehicle Gateway Module	10-48
GB-104	Ground	10-46
GB-162	Ground	10-49
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-006	Steering Column Module	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

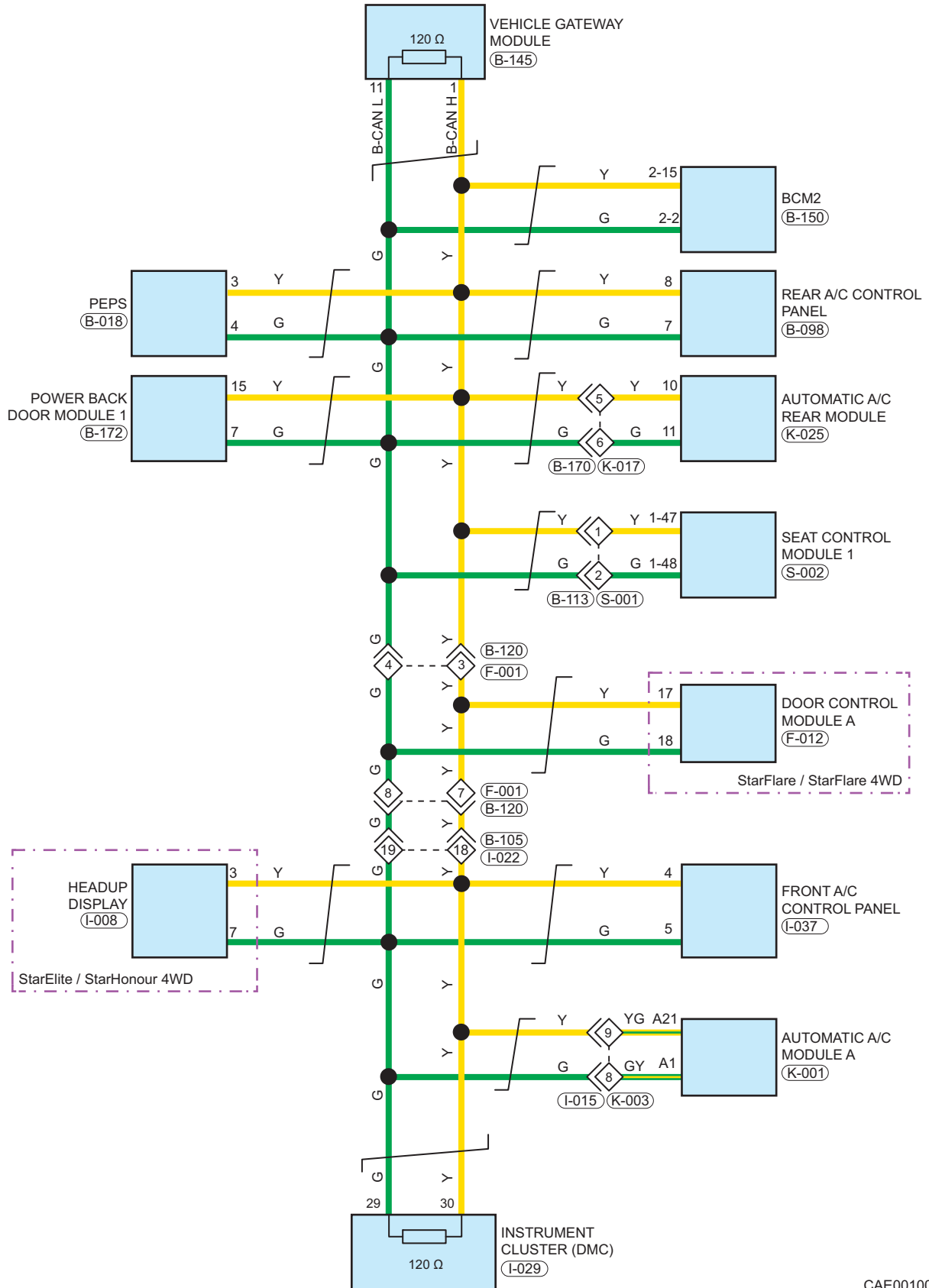
Diagnostic Interface



Diagnostic Interface

Wire Harness Connector	Name	Page Number
B-038	Instrument Cluster Fuse and Relay Box Power Supply	10-43
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-122	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 2 (Left Side)	10-47
B-141	Instrument Cluster Fuse Box C5	10-48
B-144	Instrument Cluster Fuse Box C3	10-48
GB-104	Ground	10-46
I-004	Instrument Cluster Wire Harness to Interior Floor Wire Harness 2 (Left Side)	10-57
I-013	Diagnostic Interface	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58

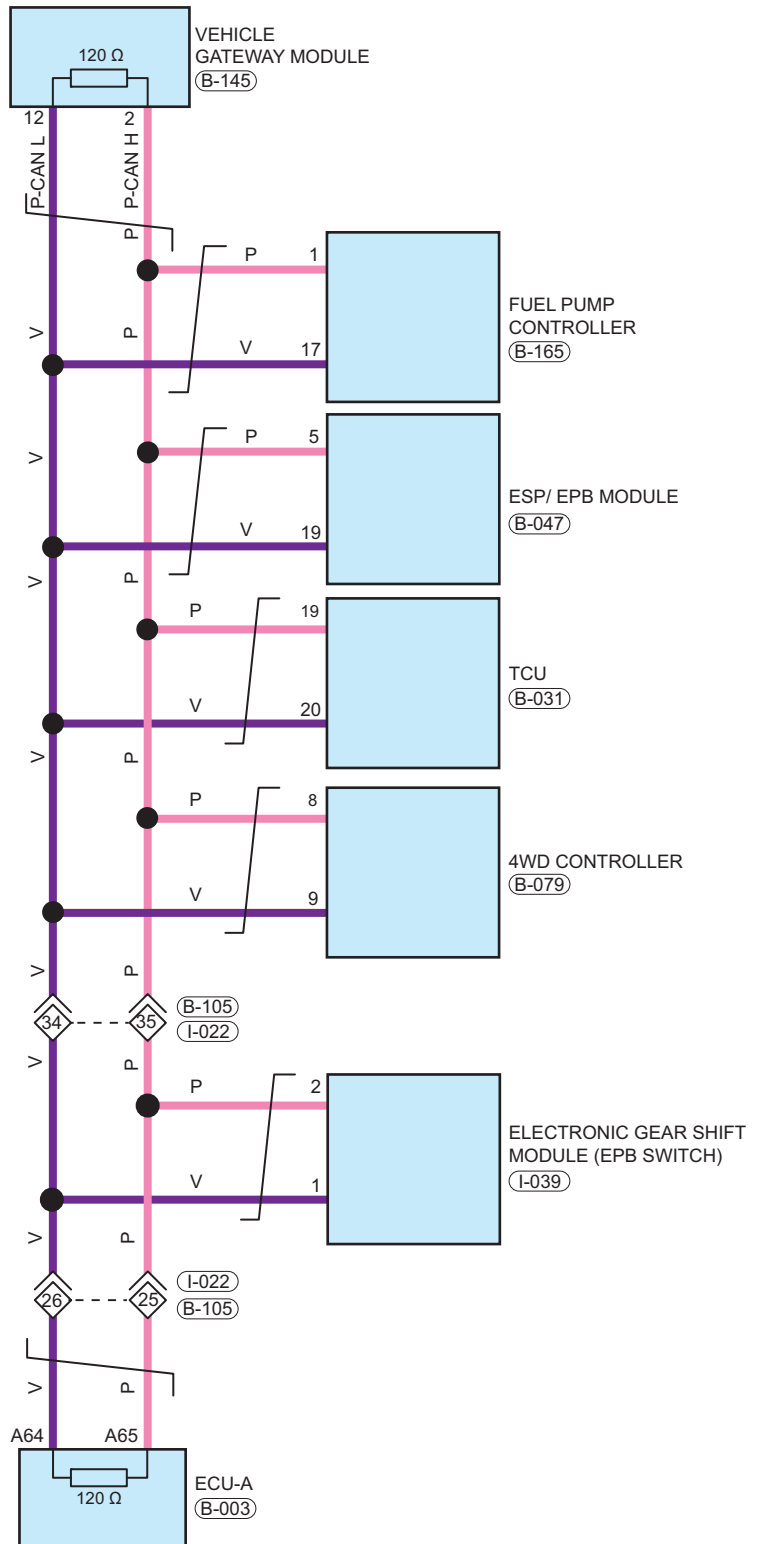
CAN System (Body CAN)



CAE001001



CAN System (Power CAN)

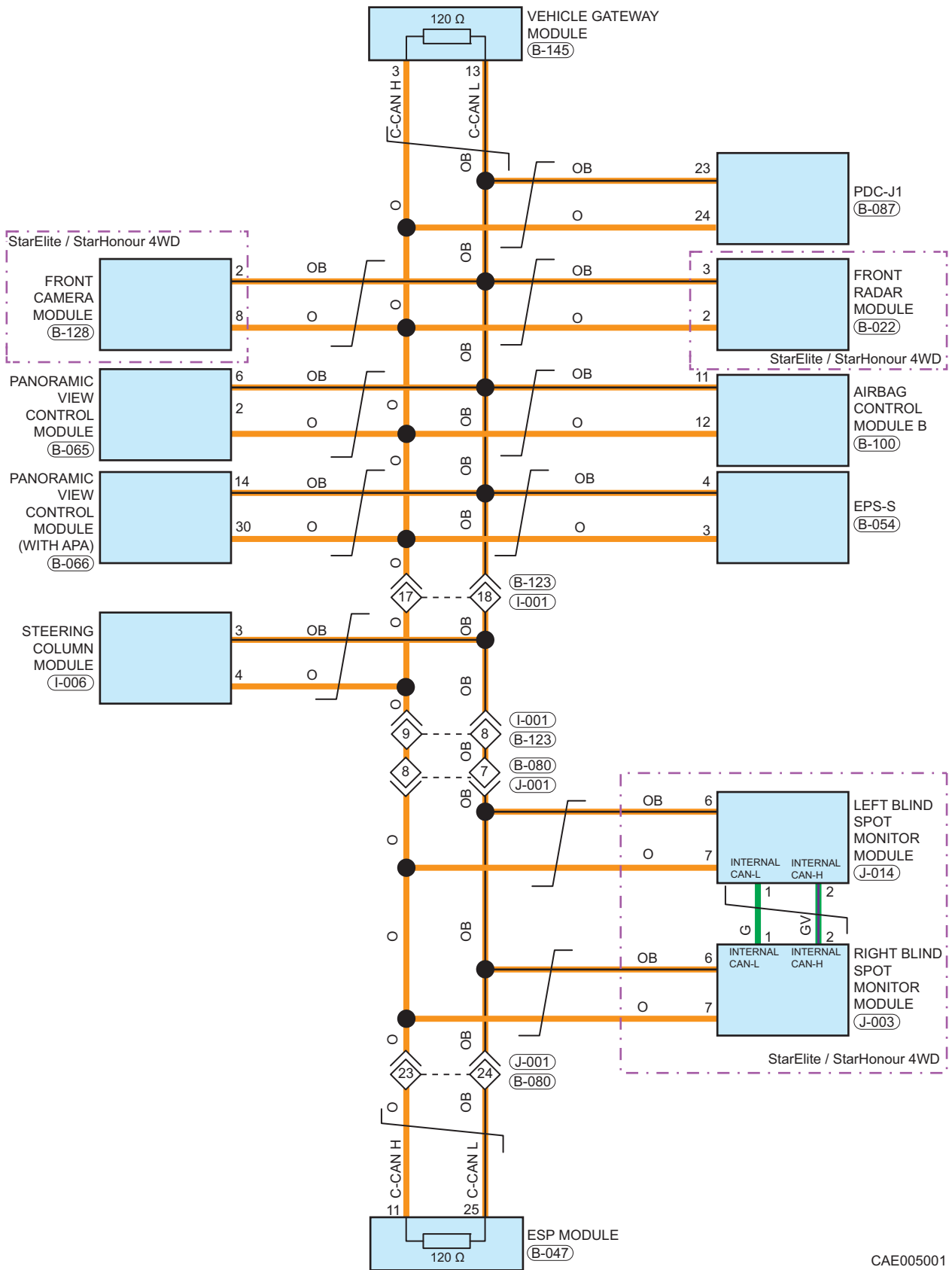


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CAE003001



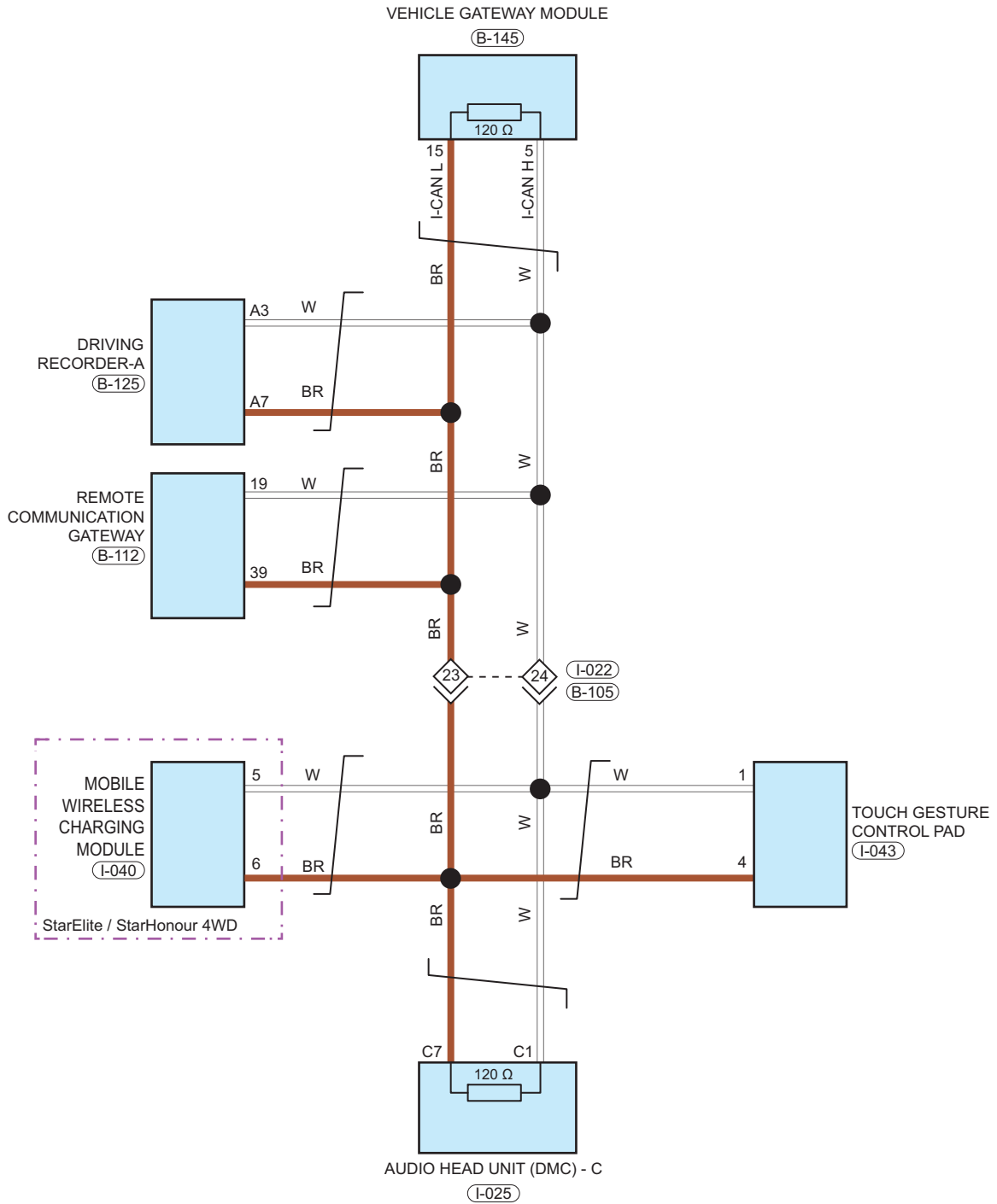
CAN System (Chassis CAN)



CAE005001



CAN System (Entertainment Information CAN)



CAN SYSTEM

Wire Harness Connector	Name	Page Number
B-003	ECU-A	10-41
B-018	PEPS	10-42
B-022	Front Radar Module	10-42
B-031	TCU	10-43
B-047	ESP module	10-43
B-054	EPS-S	10-44
B-065	Panoramic View Monitor Control Module	10-44
B-066	Panoramic View Monitor Control Module (With APA)	10-44
B-080	Interior Floor Wire Harness to Rear Bumper Wire Harness Interface	10-45
B-087	PDC-J1	10-45
B-098	Rear A/C Control Panel	10-46
B-100	Airbag Control Module B	10-46
B-105	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 3 (Right Side)	10-46
B-112	Remote Communication Gateway	10-46
B-113	Interior Floor Wire Harness to Driver Seat Wire Harness	10-46
B-120	Interior Floor Wire Harness to Front Left Door Wire Harness Connector 1	10-47
B-123	Interior Floor Wire Harness to Instrument Cluster Wire Harness Connector 1 (Left Side)	10-47
B-125	Drive Recorder-A	10-47
B-128	Front Camera Module	10-47
B-145	Vehicle Gateway Module	10-48
B-150	BCM 2	10-48
B-165	Fuel Pump Controller	10-49
B-170	Interior Wire Harness Interface to Rear A/C Wire Harness	10-49
B-172	Power Back Door Module 1	10-50

Wire Harness Connector	Name	Page Number
F-001	Front Left Door Wire Harness to Interior Floor Wire Harness Connector	10-61
F-012	Door Control Module A	10-61
I-001	Instrument Cluster Wire Harness to Interior Floor Wire Harness 1 (Left Side)	10-57
I-006	Steering Column Module	10-57
I-008	Head Up Display	10-57
I-015	Front A/C Wire Harness Interface	10-57
I-022	Instrument Cluster Wire Harness to Interior Floor Wire Harness Interface 3 (Right Side)	10-58
I-025	Audio Head Unit (DMC)-C	10-58
I-029	Instrument Cluster (DMC)	10-58
I-037	Front A/C Control Panel	10-58
I-039	Electronic Shift Module (EPB Switch)	10-58
I-040	Mobile Phone Wireless Charging Module	10-58
I-043	Touch Gesture Control Panel	10-58
J-001	Rear Bumper Wire Harness to Interior Floor Wire Harness Interface	10-15
J-003	Right Blind Spot Detection Module	10-15
J-014	Left Blind Spot Detection Module	10-15
K-001	Automatic A/C Module A	10-74
K-003	A/C Wire Harness to Instrument Cluster Wire Harness Interface	10-74
K-017	Rear A/C Wire Harness to Interior Wire Harness Interface	10-74
K-025	Rear A/C Control Module	10-74
S-001	Driver Seat Wire Harness to Interior Wire Harness	10-75
S-002	Seat Control Module 1	10-75

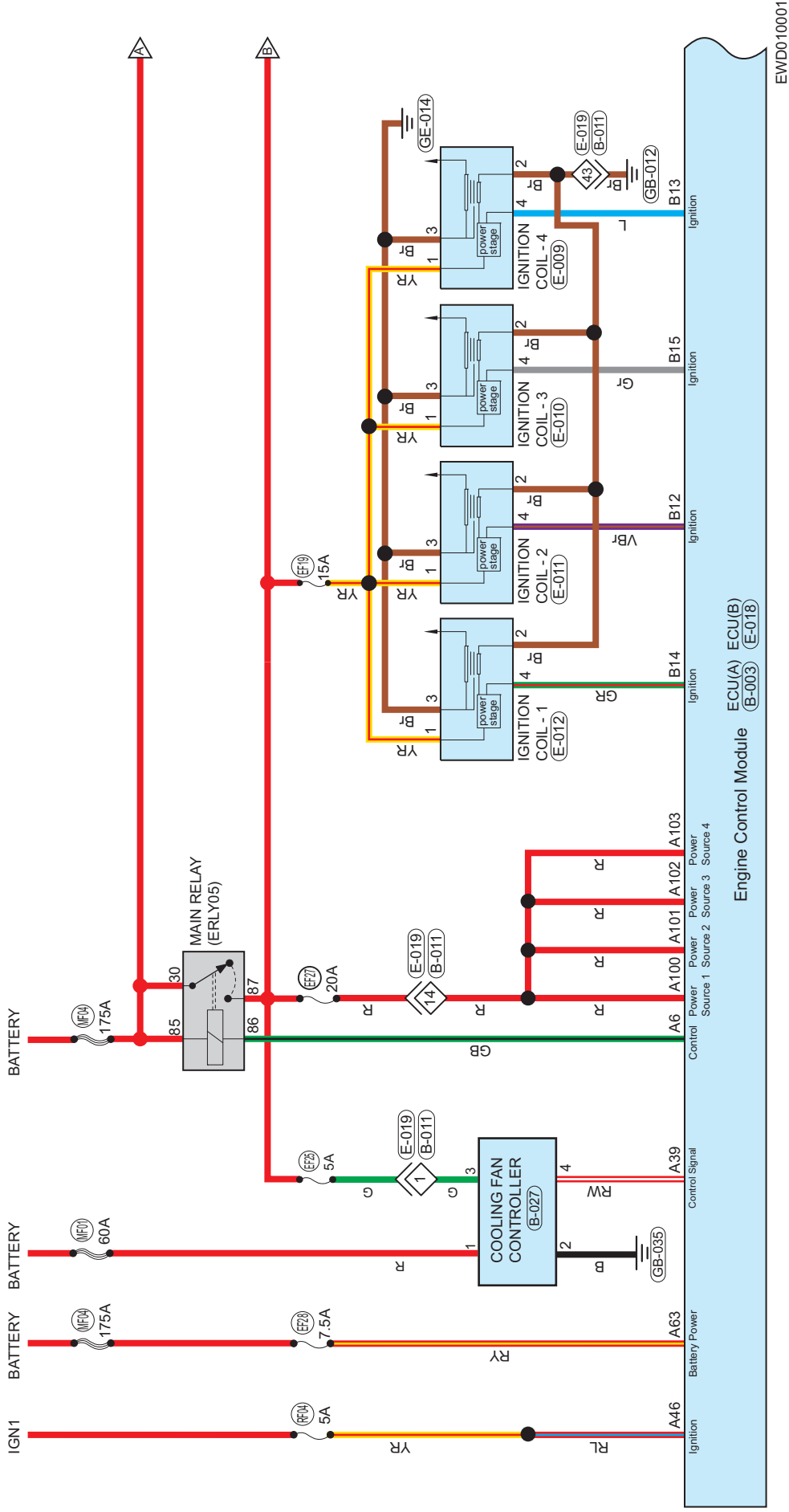
Overall Circuit Diagram

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.

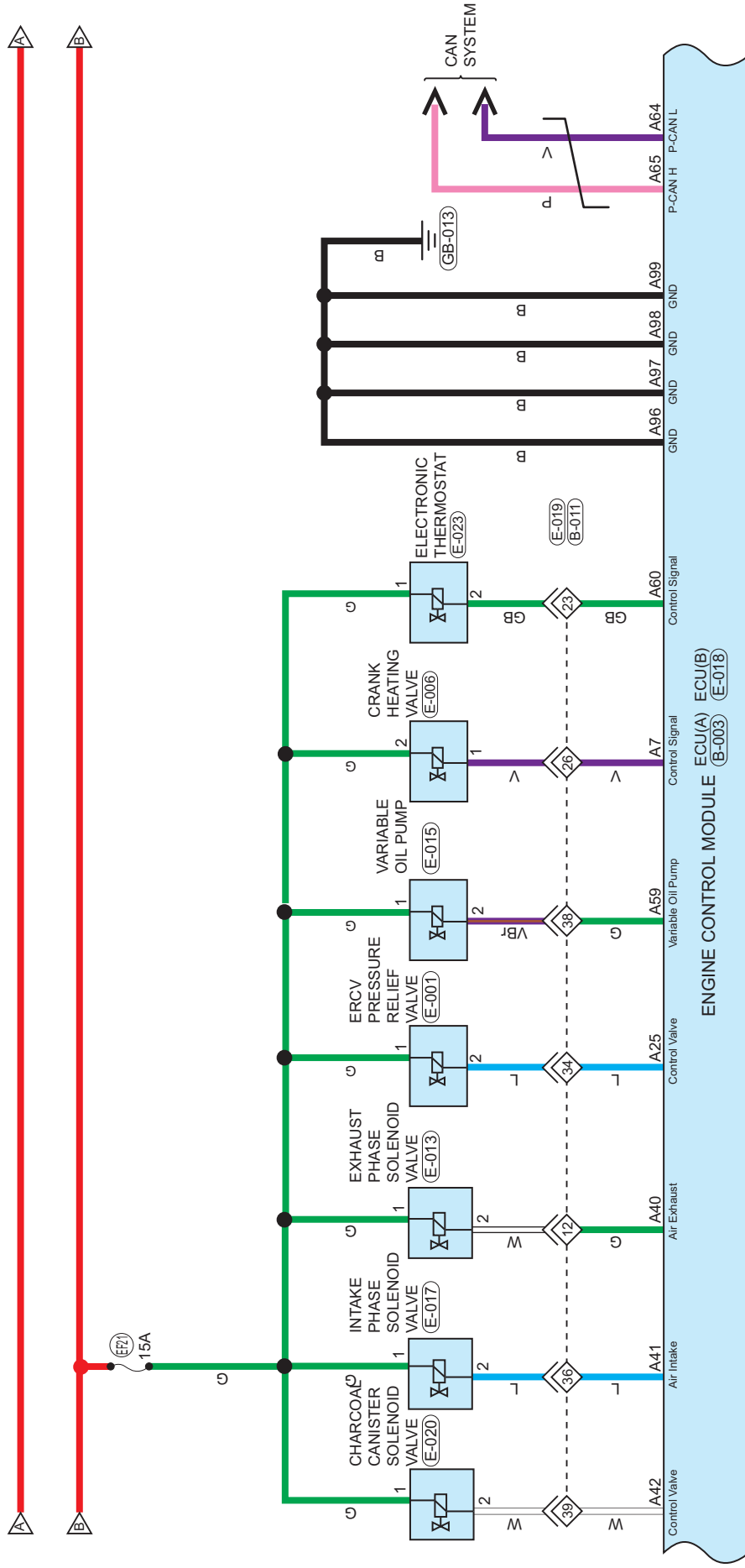
Engine Control System (EMS)



EWD010001



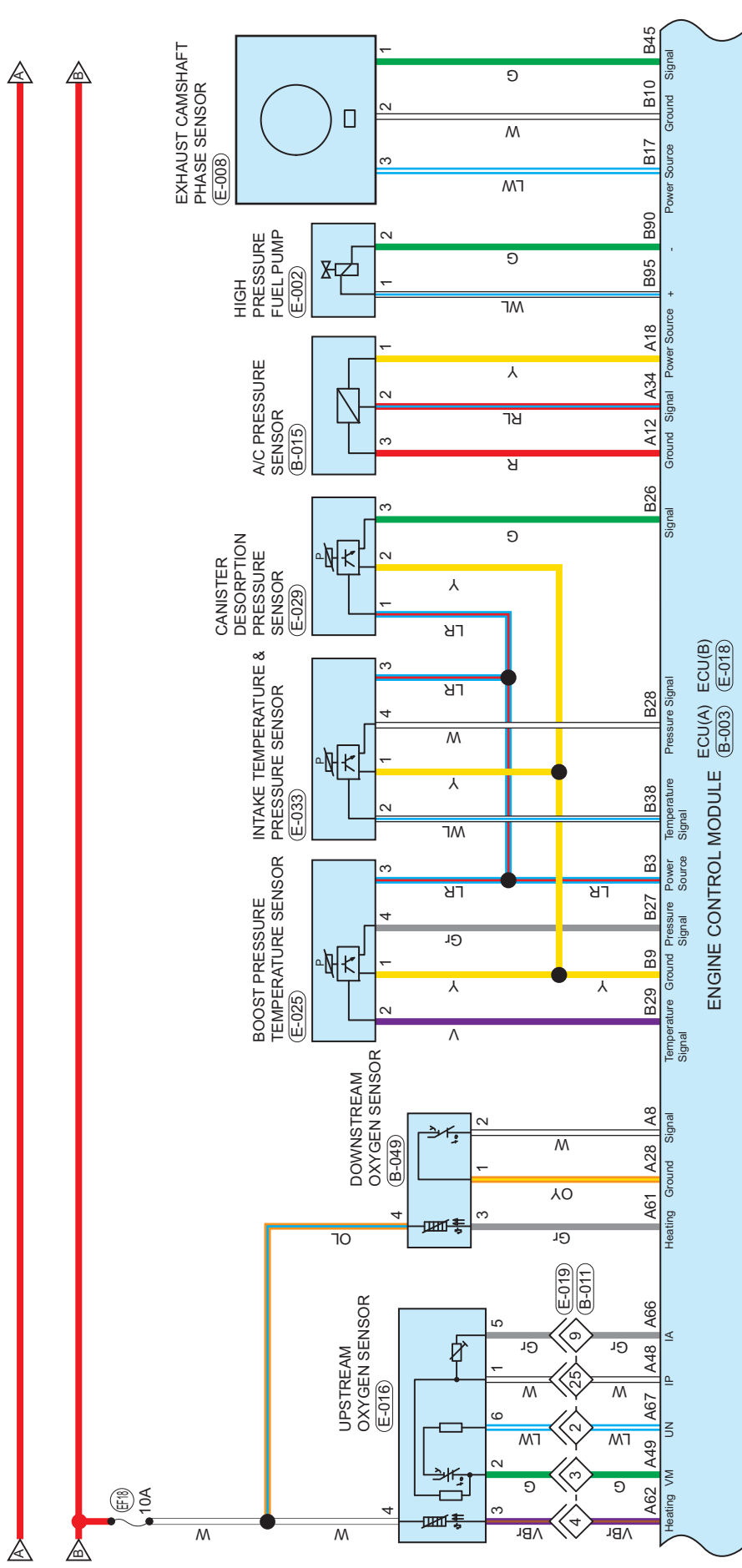
Engine Control System (EMS)



EWD011001



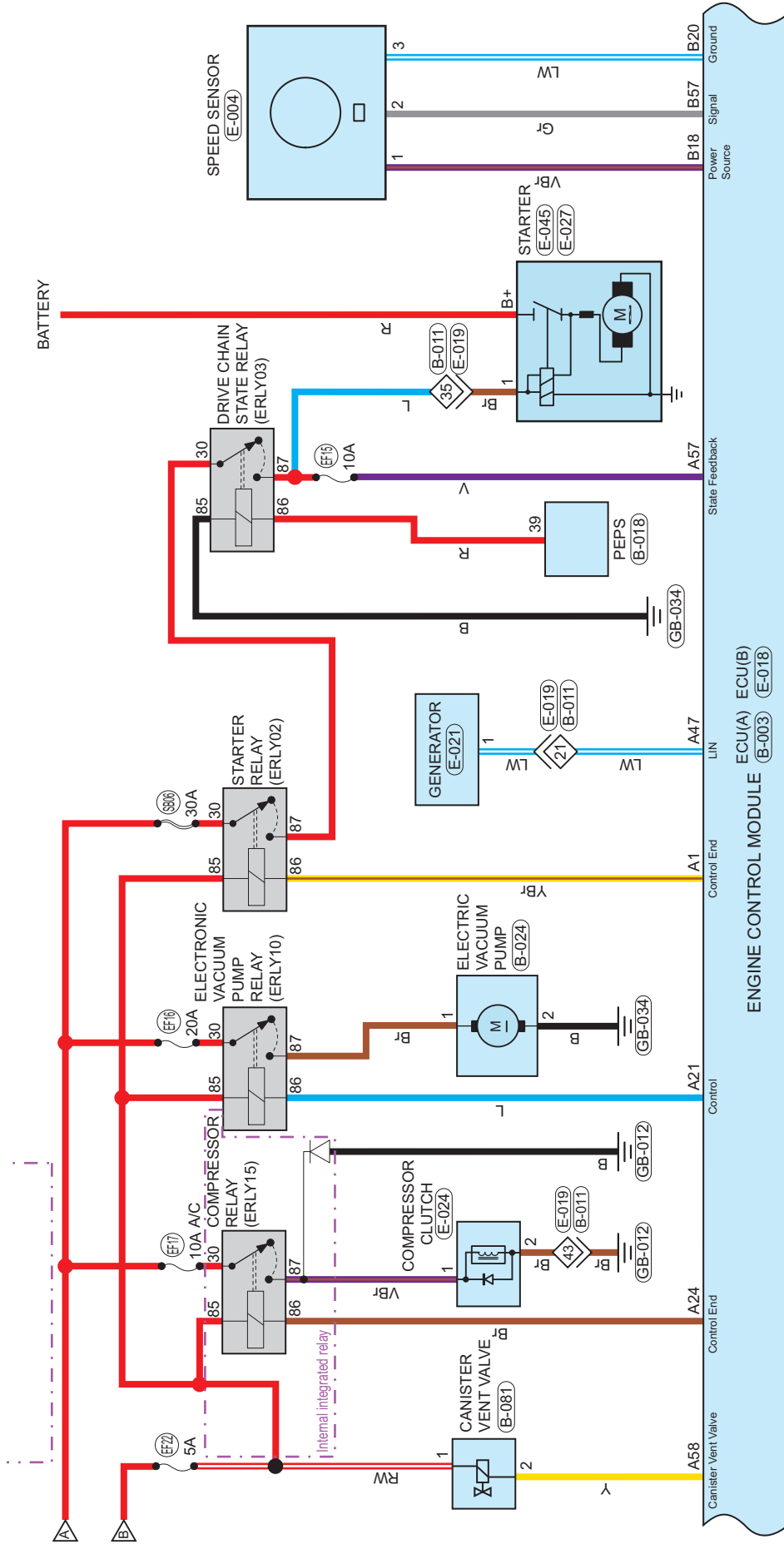
Engine Control System (EMS)



EWD012001



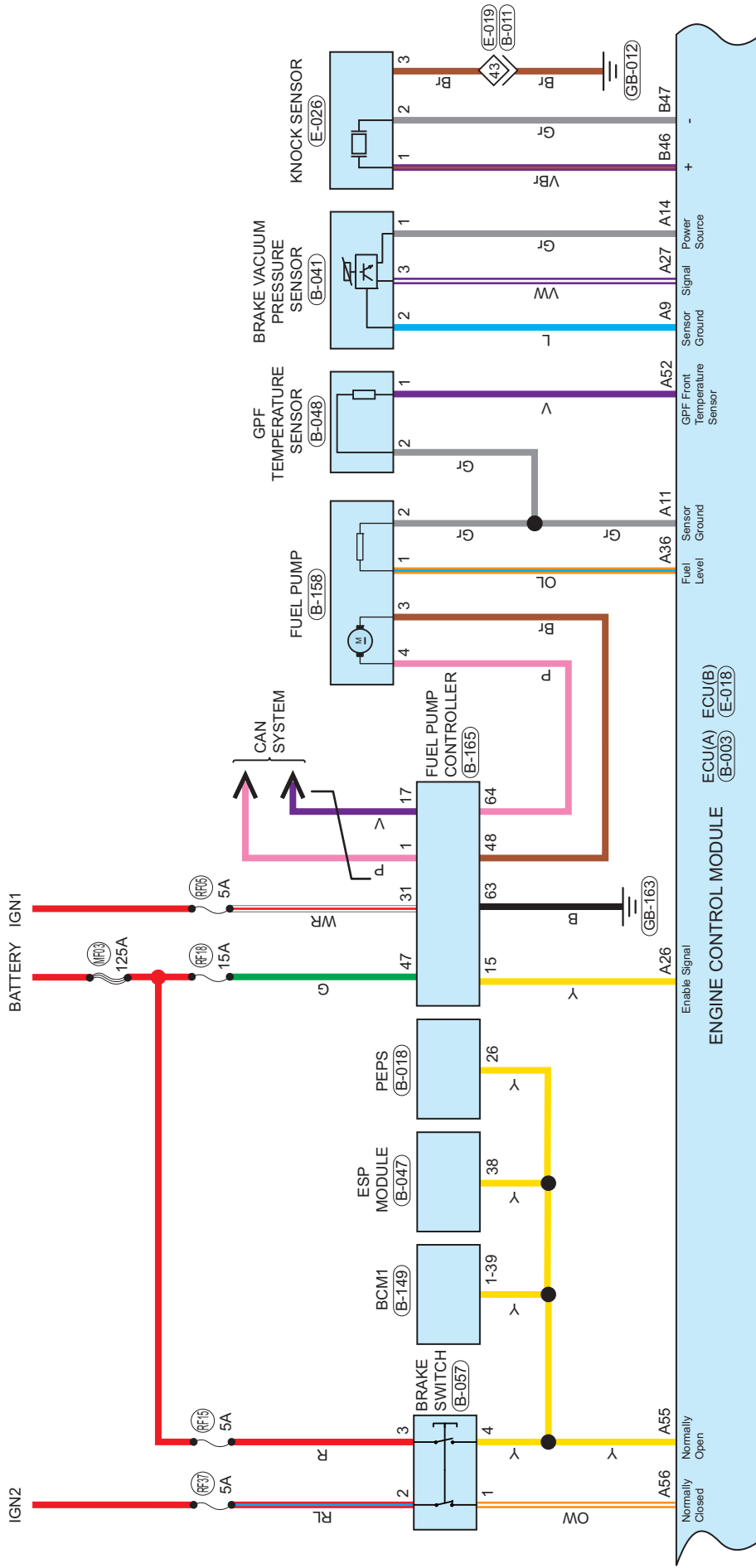
Engine Control System (EMS)



EWD013001



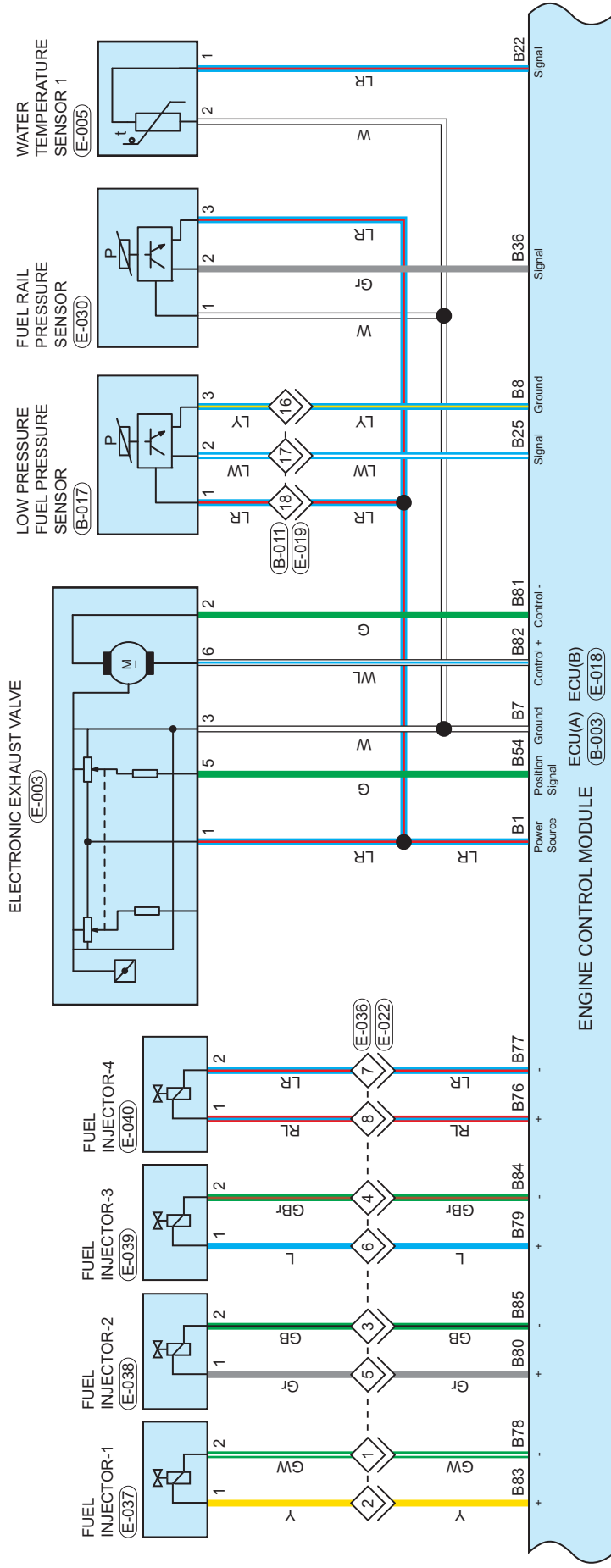
Engine Control System (EMS)



EWD014001



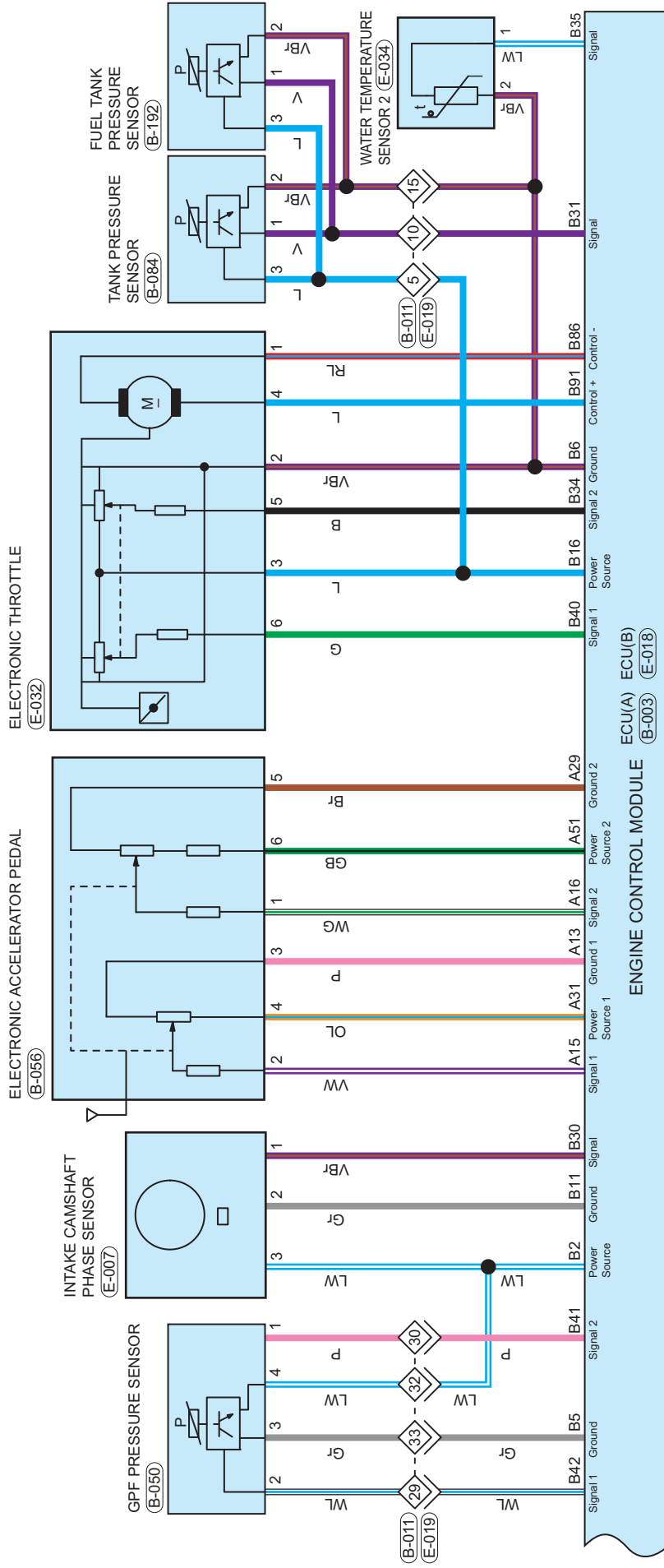
Engine Control System (EMS)



EWD015001



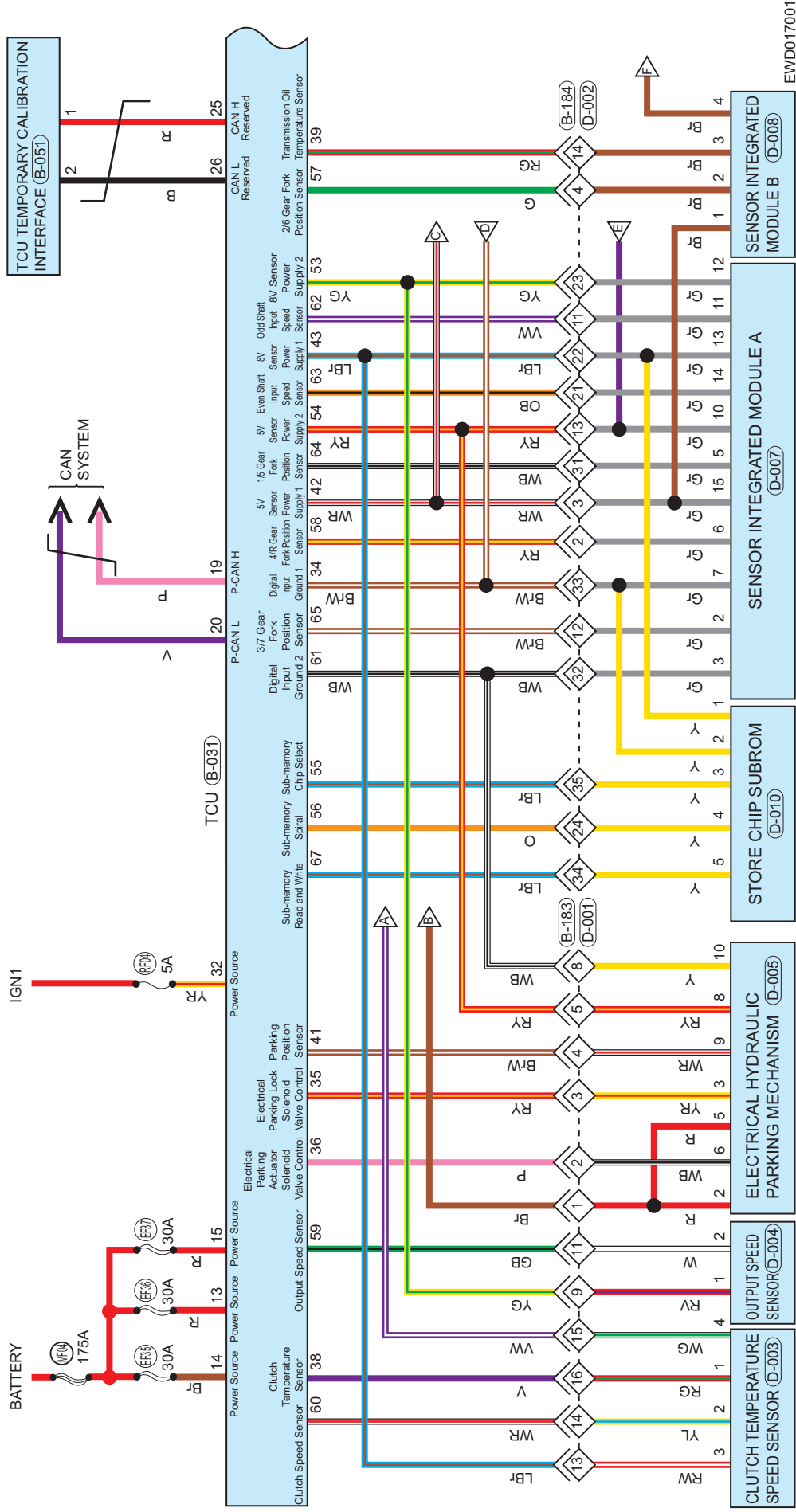
Engine Control System (EMS)



EWD016001



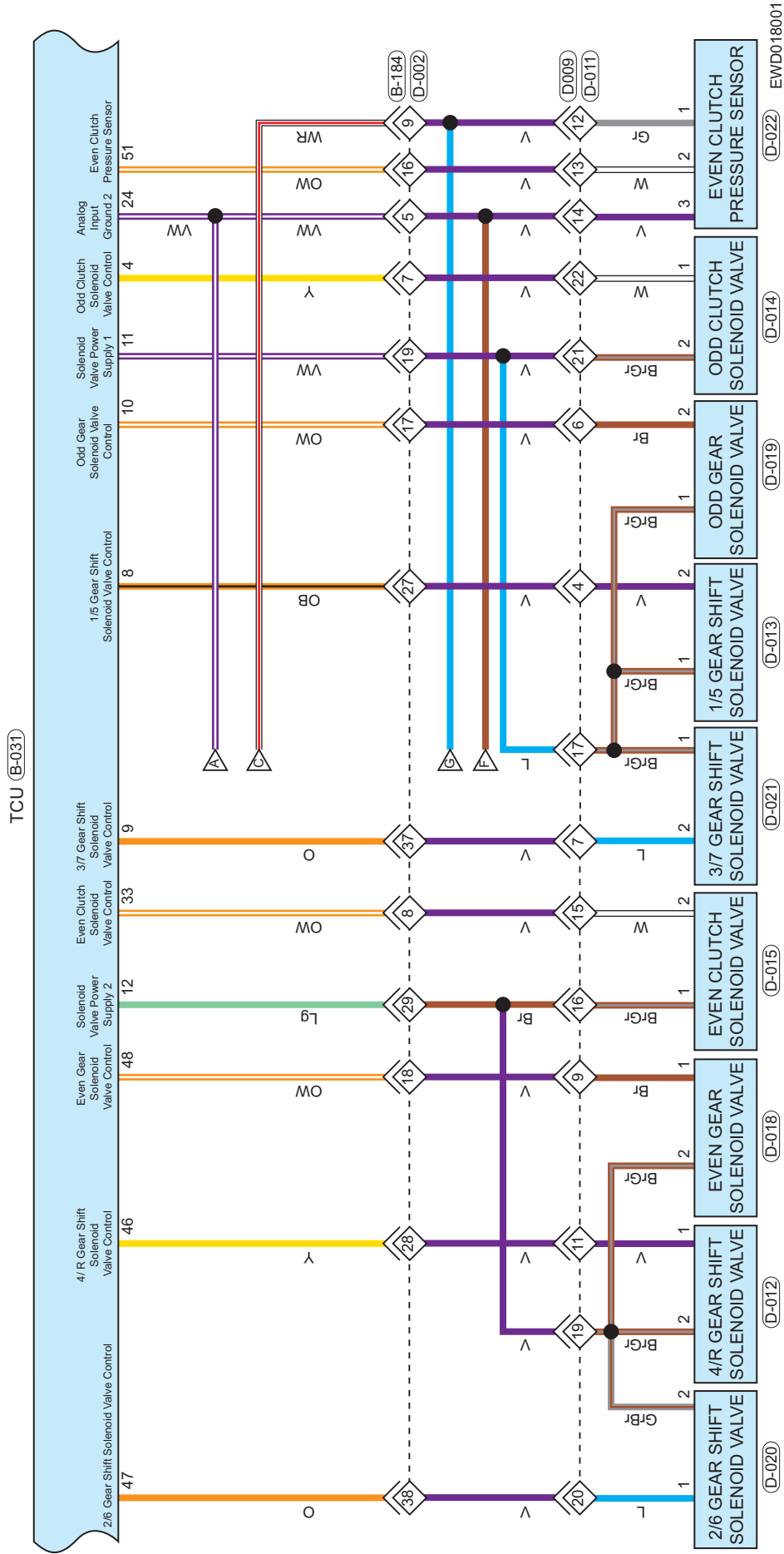
Transmission Control System (DCT)



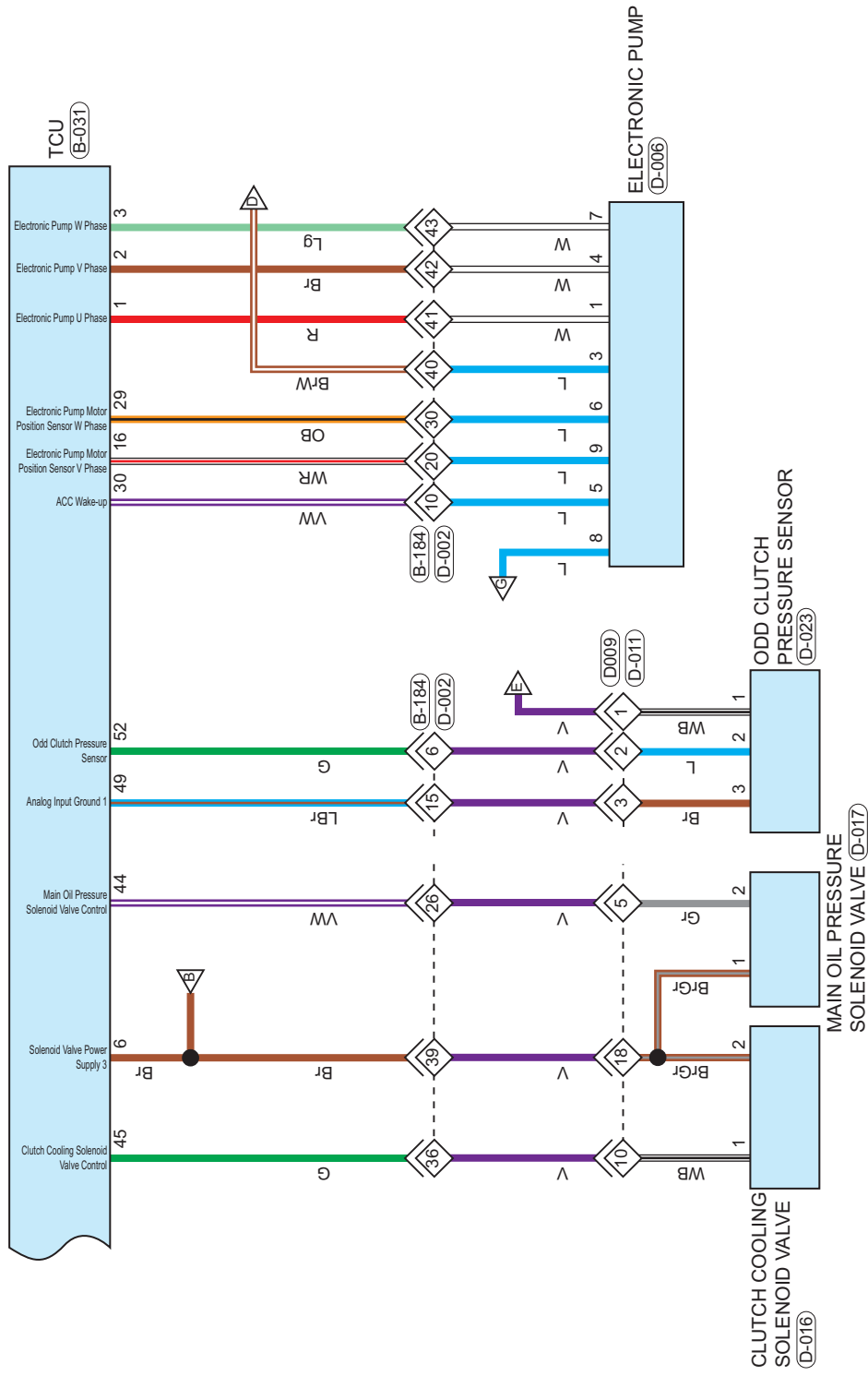
EWD017001



Transmission Control System (DCT)



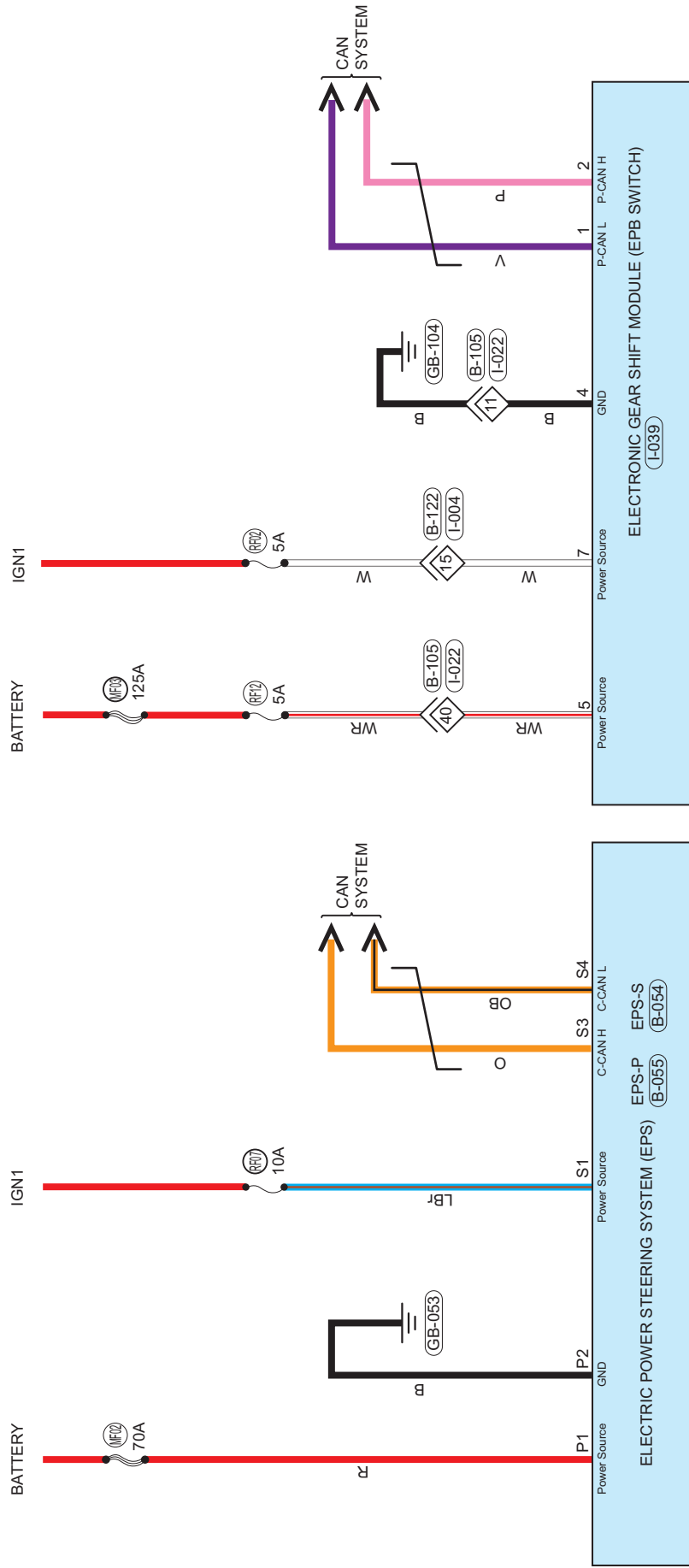
Transmission Control System (DCT)



EWD070001



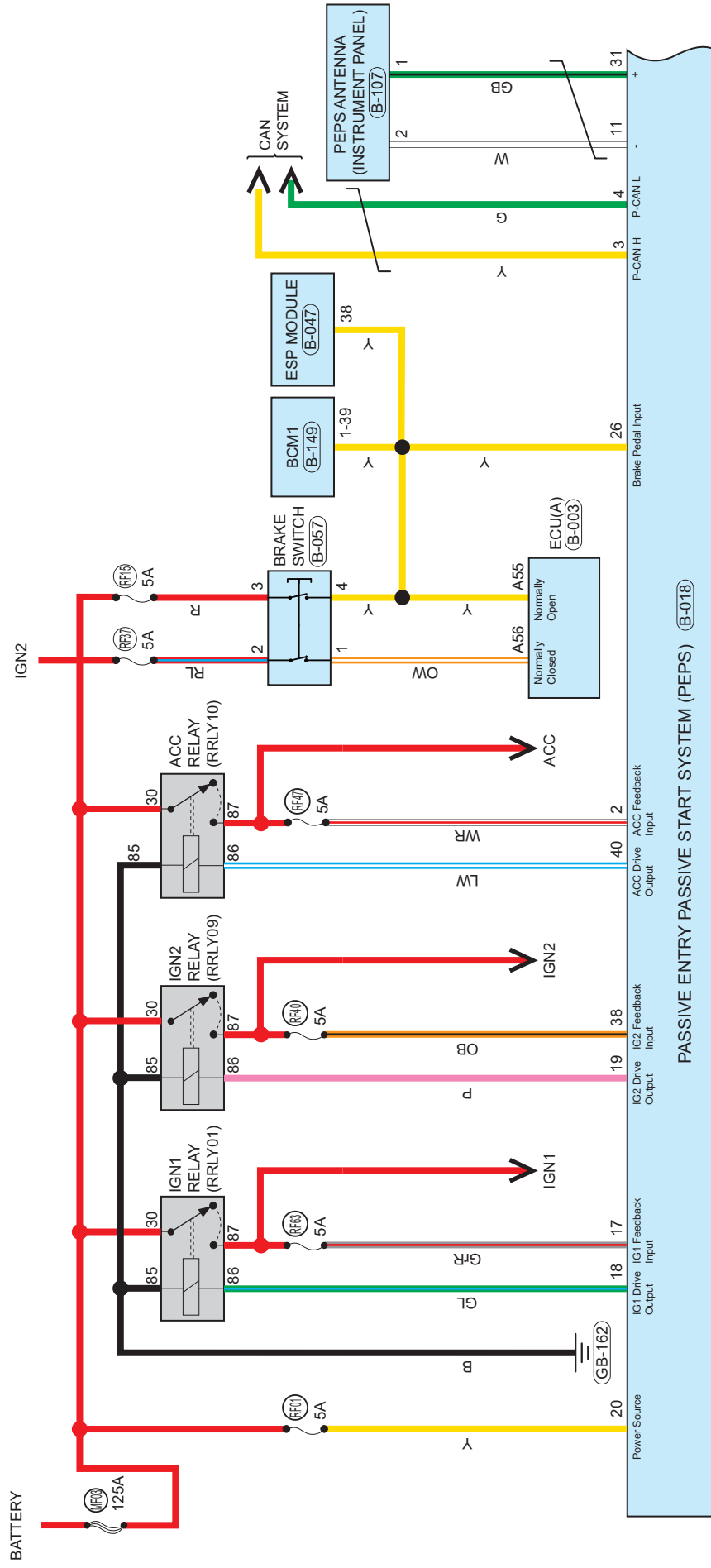
Electronic Power Steering System (EPS) / Electronic Shift Module(EGS)



EWD019001



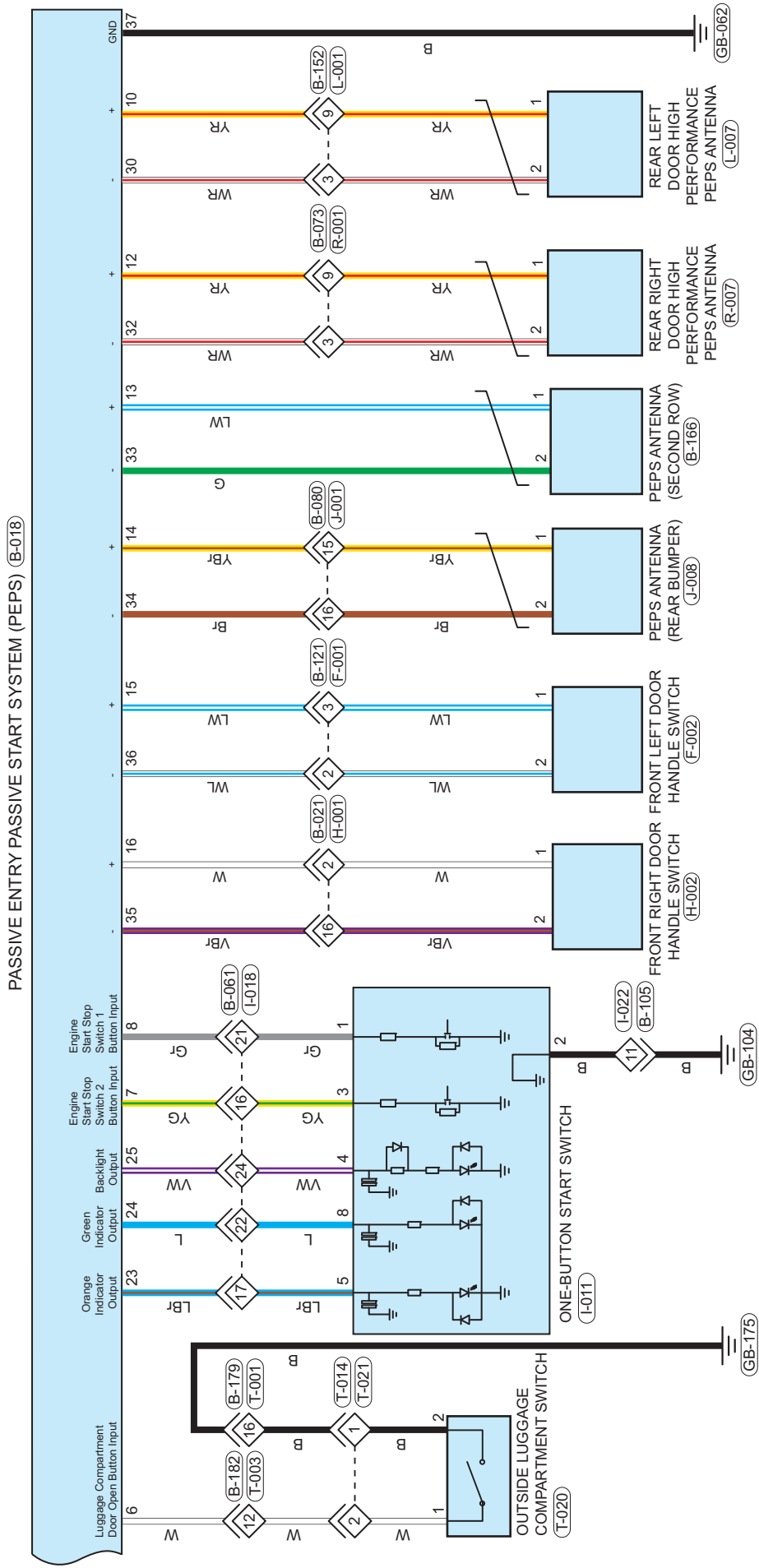
Passive Entry and Passive Start System



EWD020001



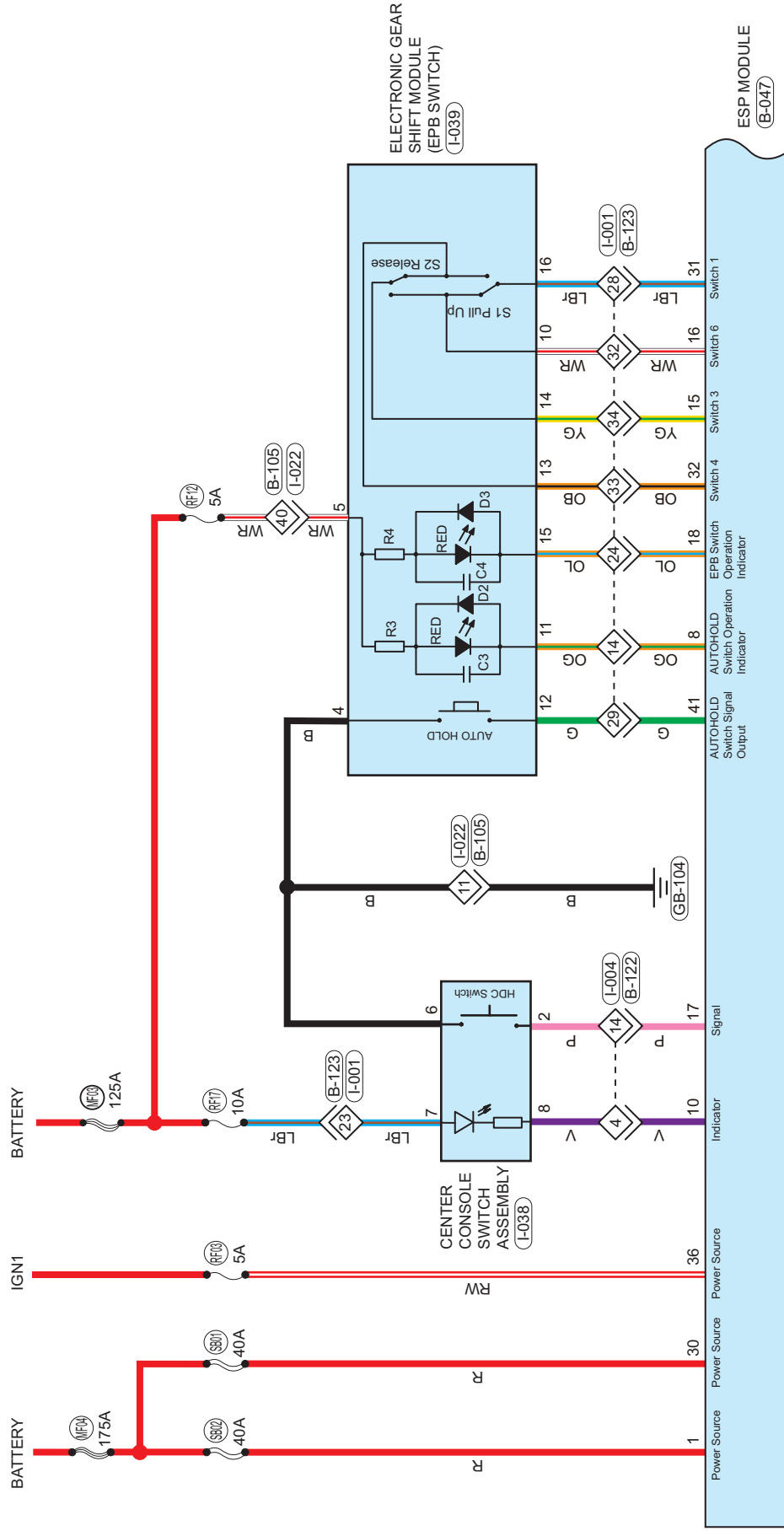
Passive Entry and Passive Start System



EWD021001



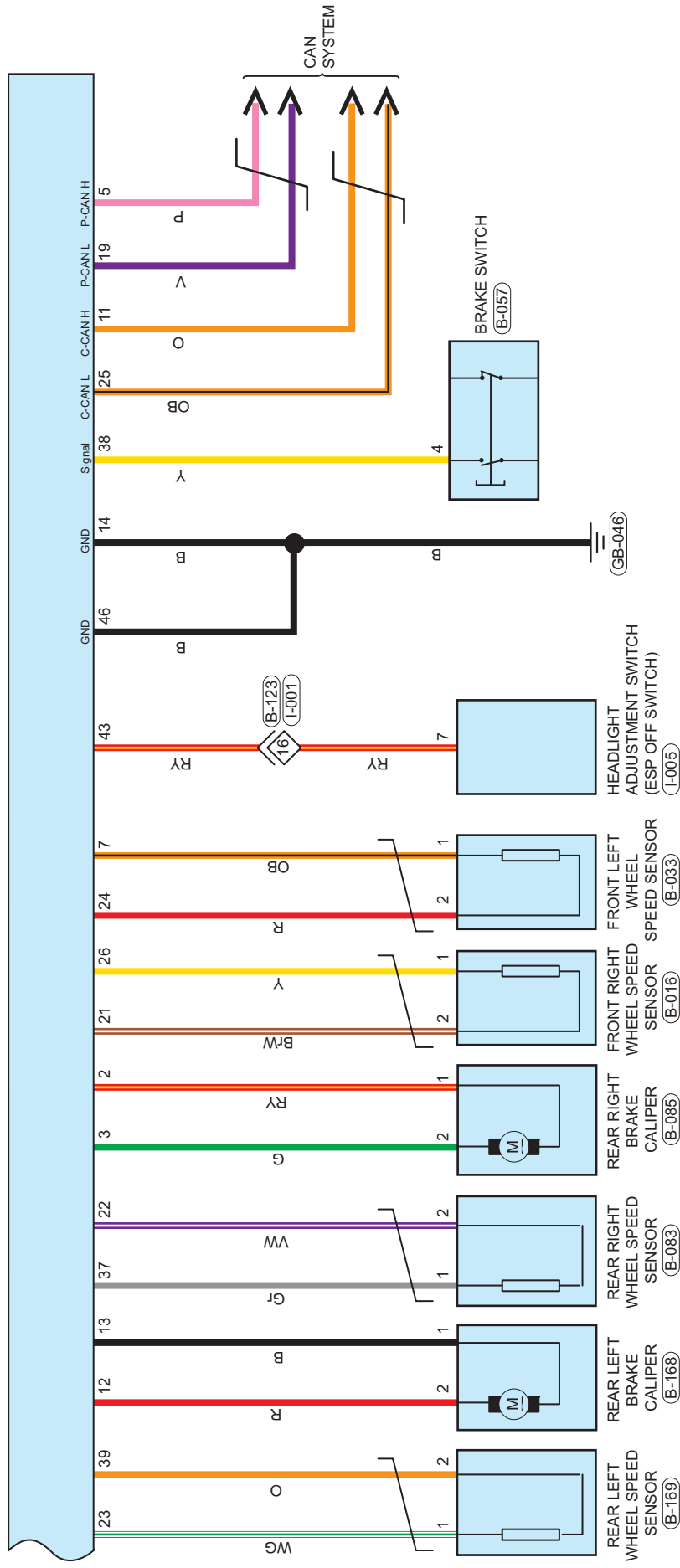
Electronic Stability System (Integrated EPB Module)



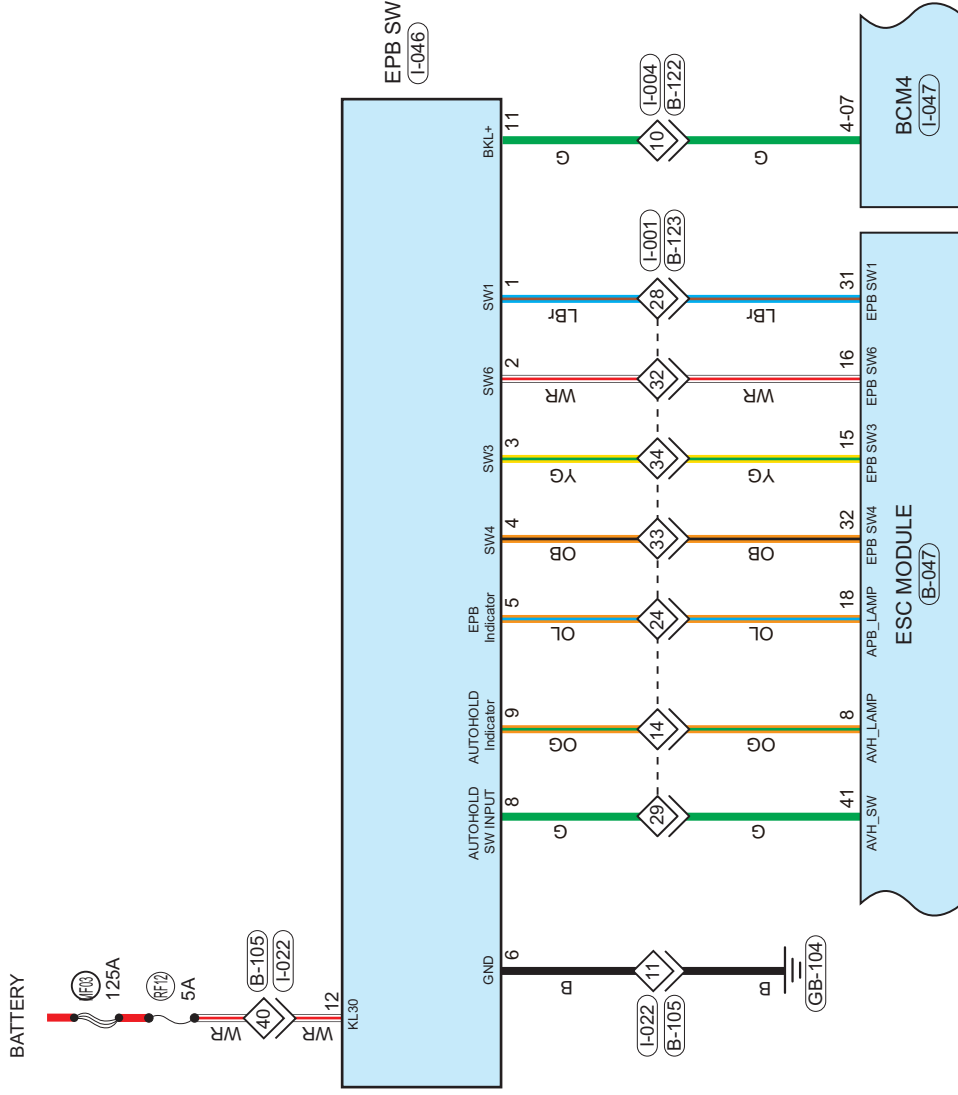
EWD022001



Electronic Stability System (Integrated EPB Module)



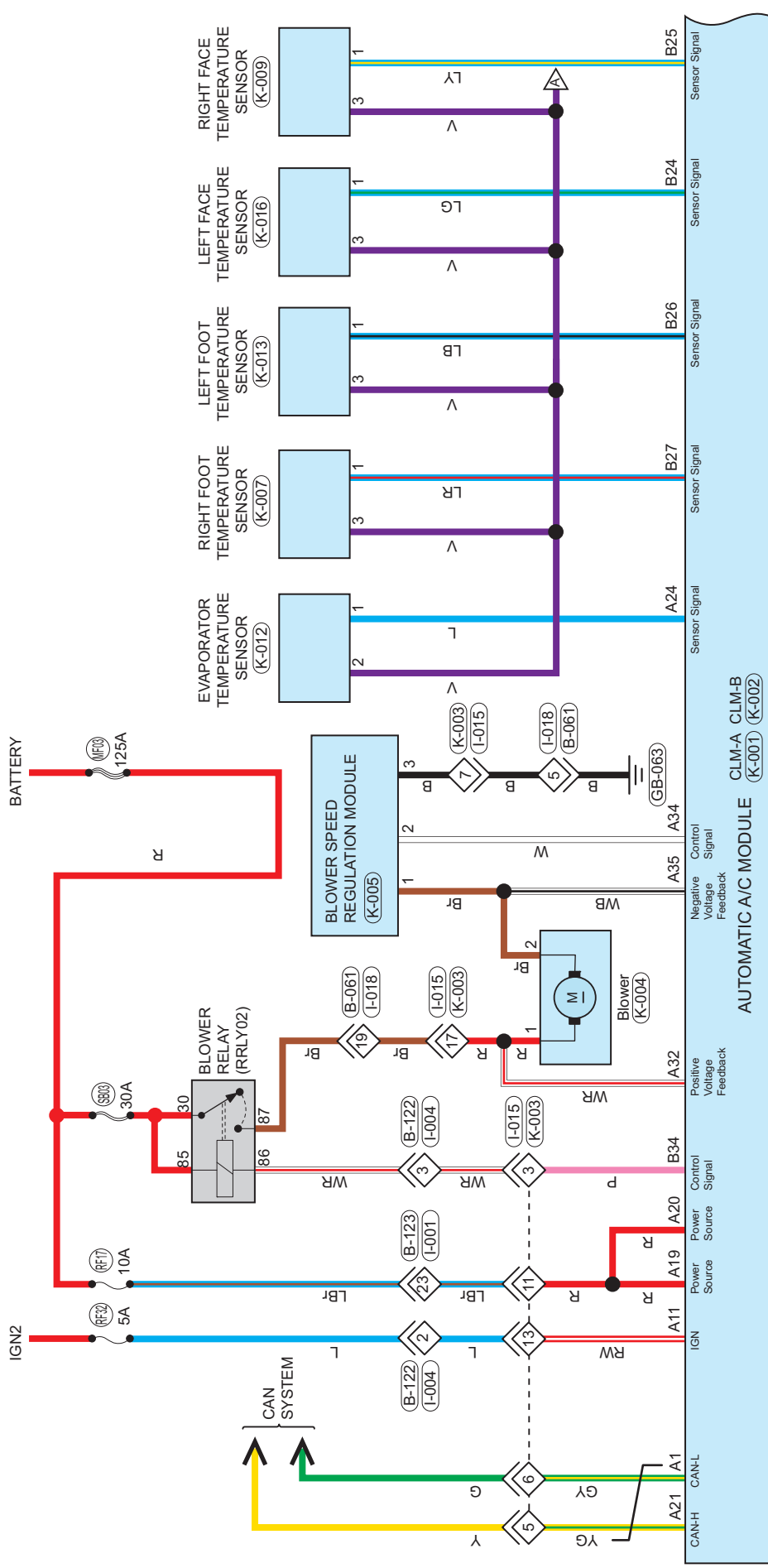
Electronic Stability System (Integrated EPB Module)



EWD023002



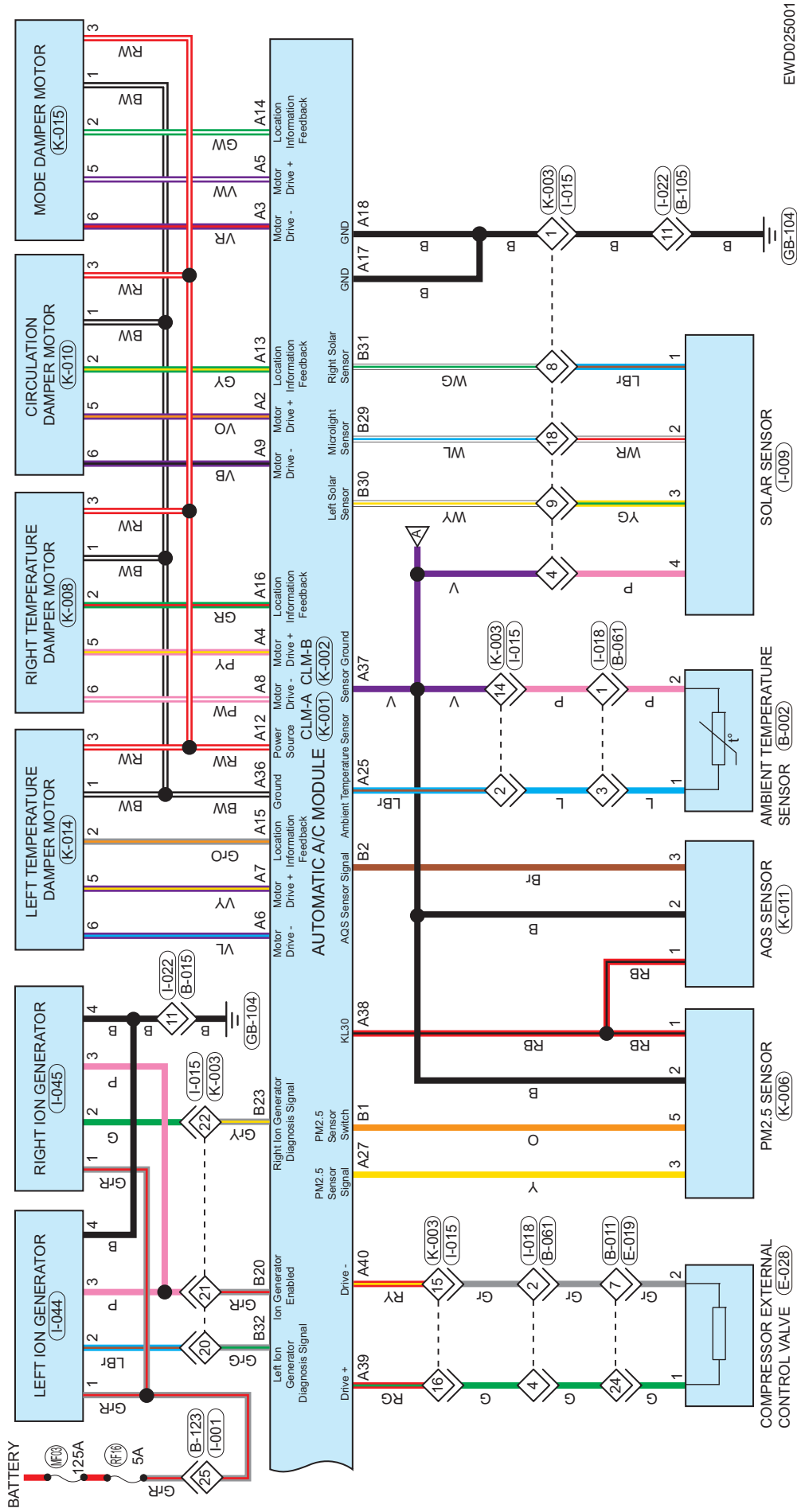
Automatic A/C System (CLM)



EWD024001



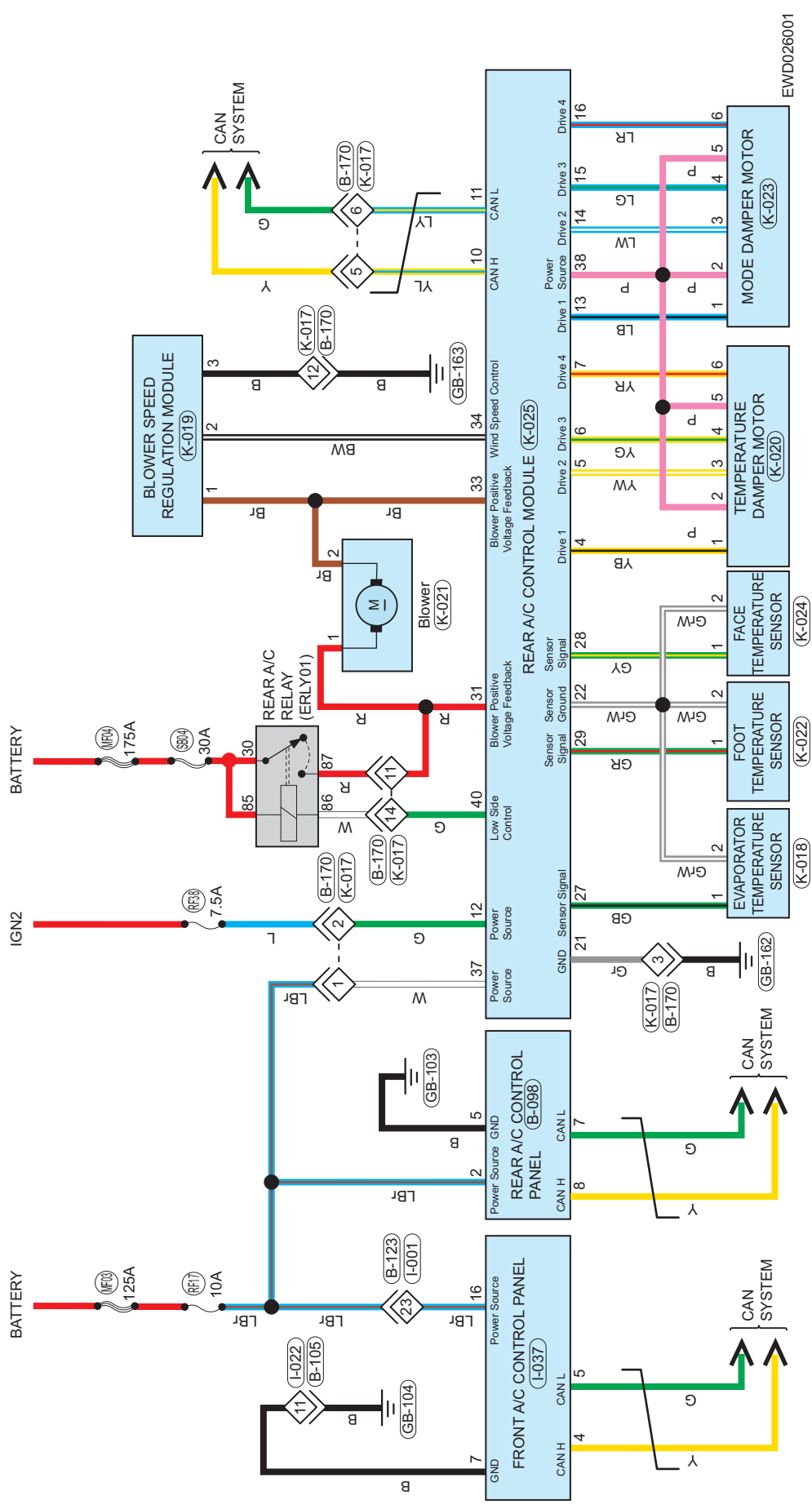
Automatic A/C System (CLM)



EWD025001



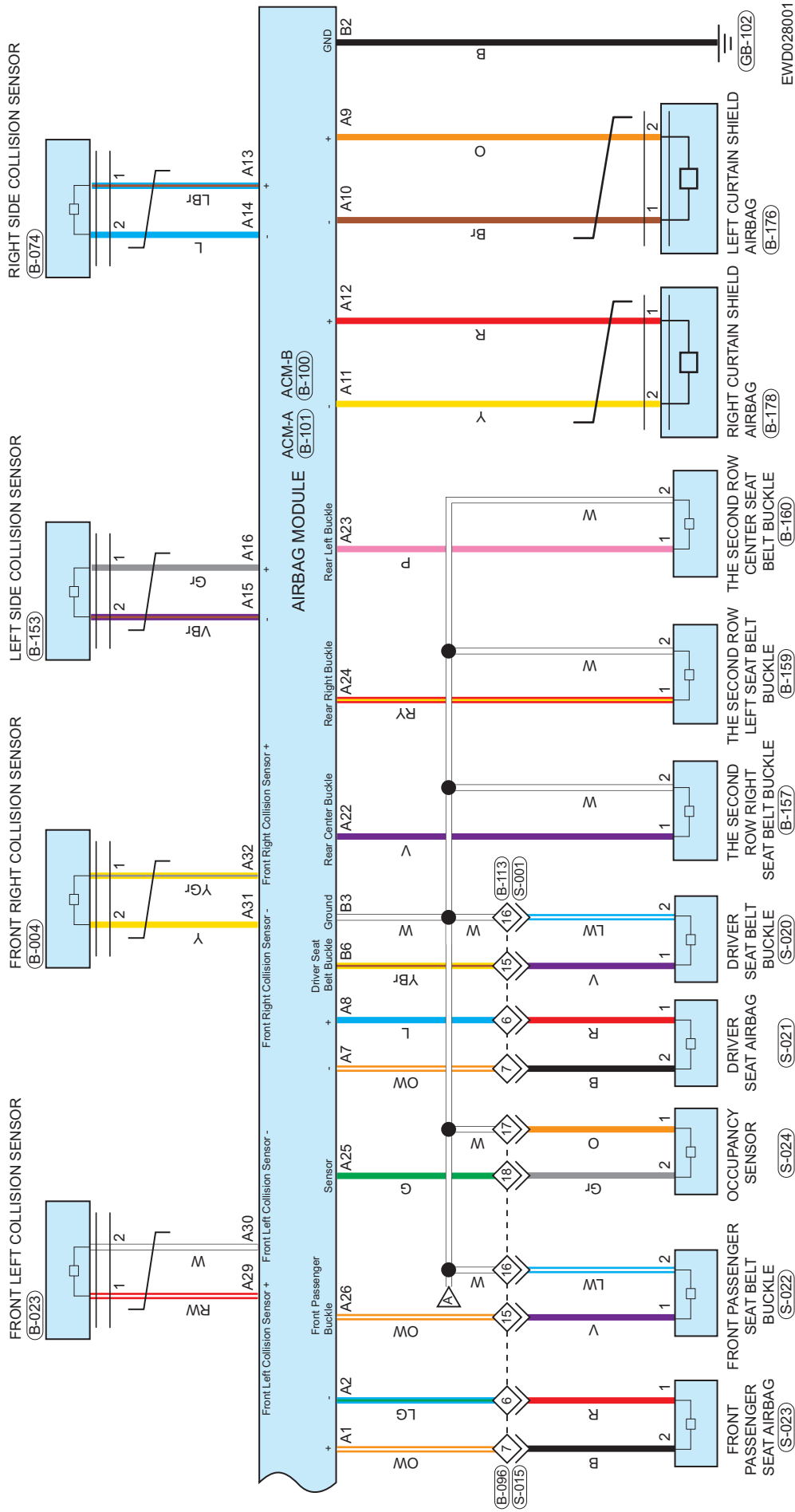
Automatic A/C System (CLM)



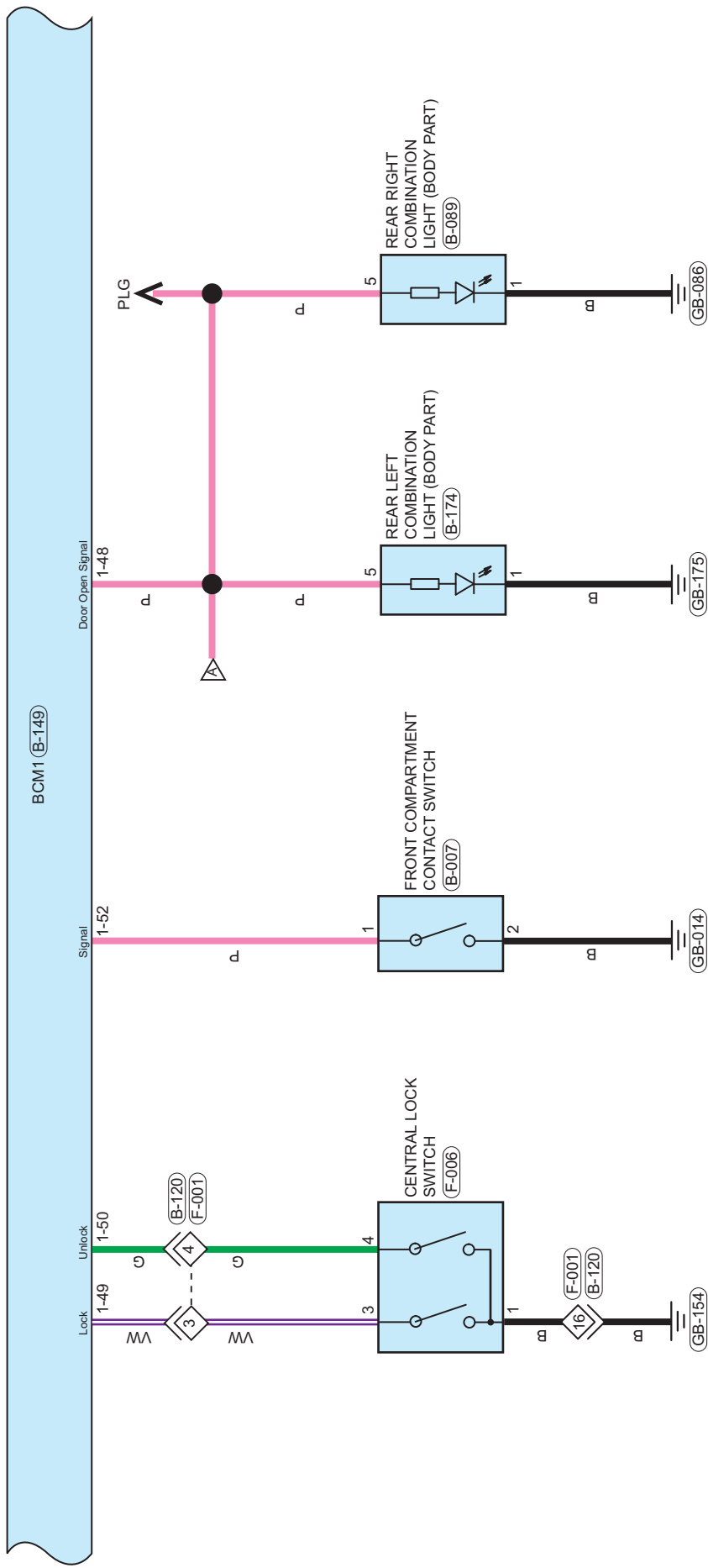
EWD026001



Supplemental Restraint System



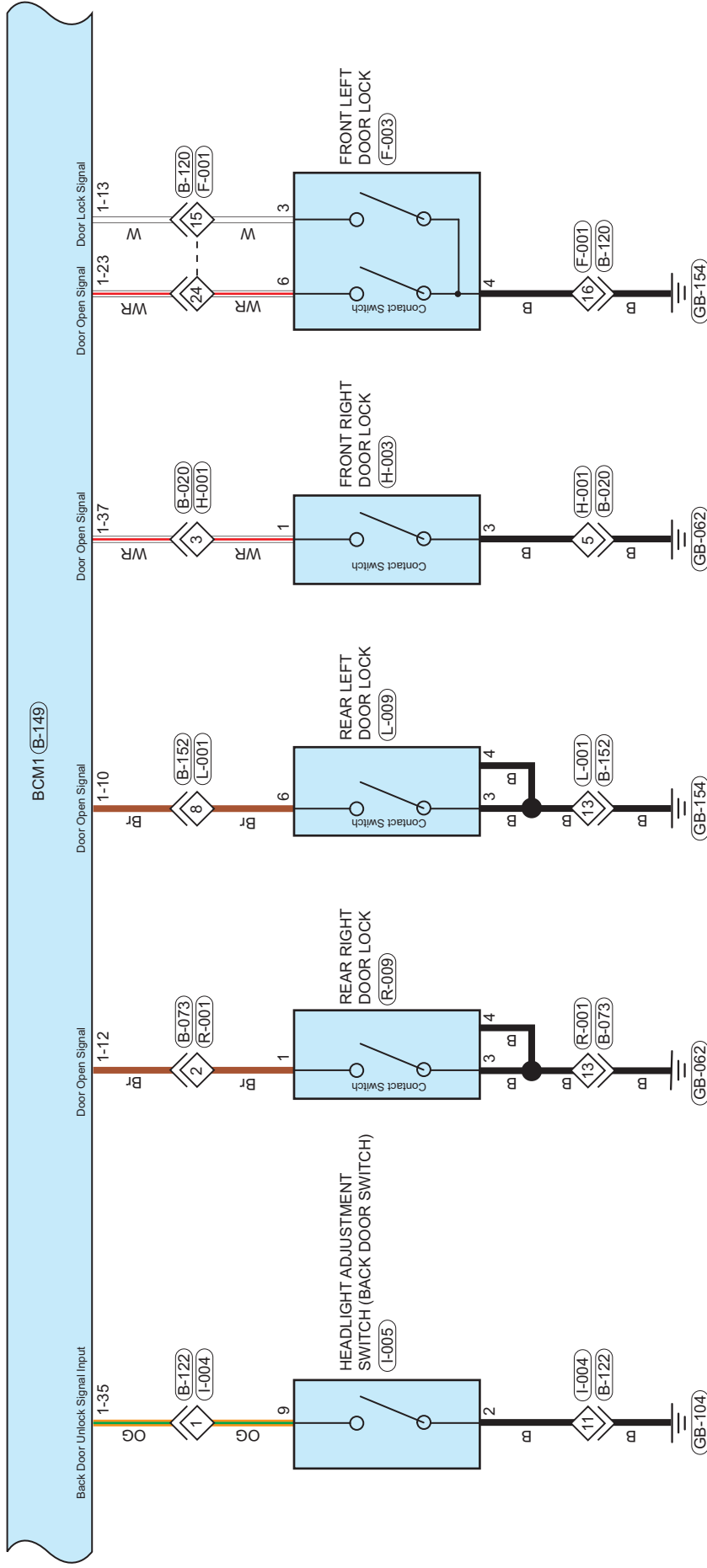
Body Control Module (BCM)



EWD030001



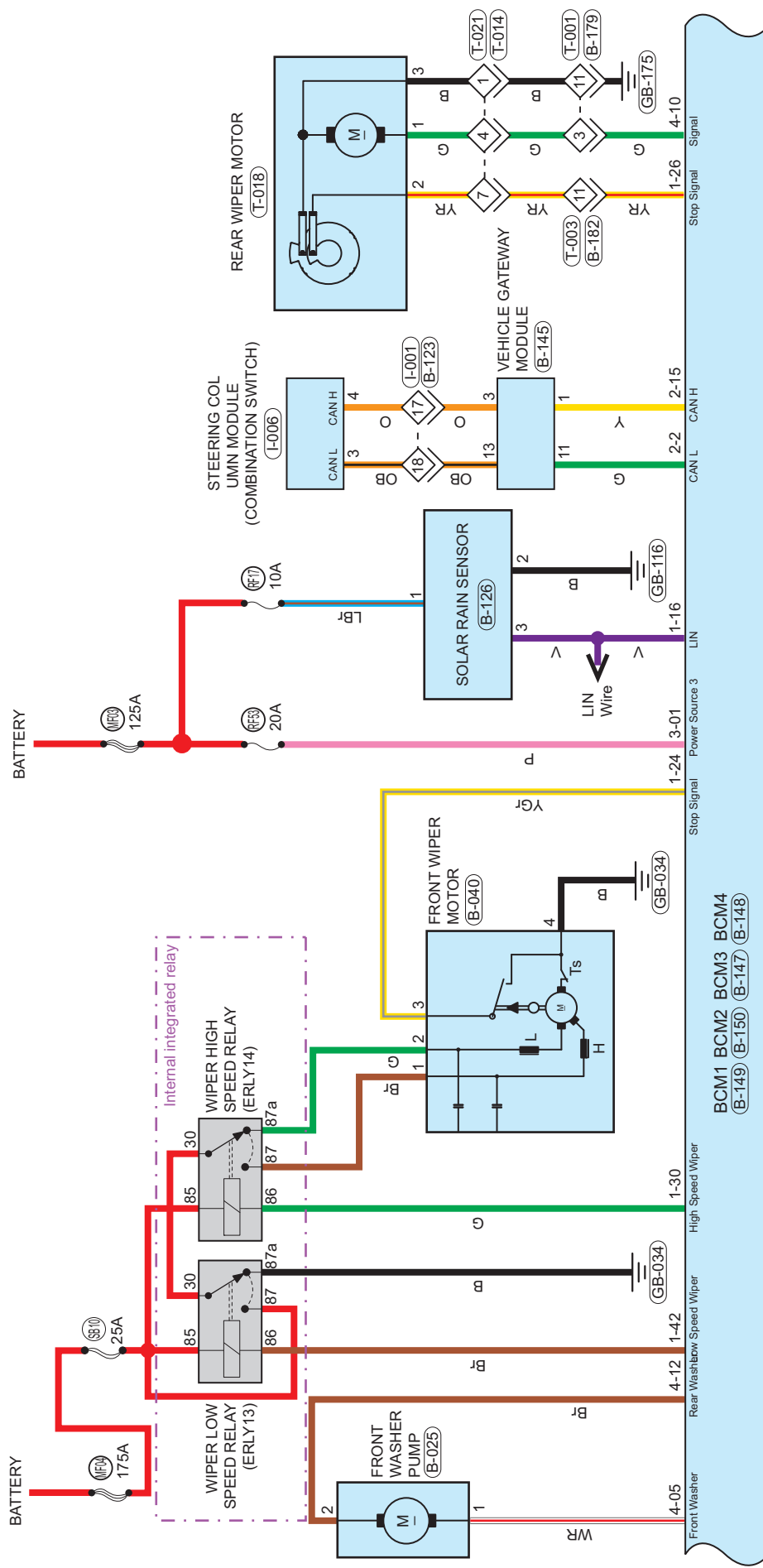
Body Control Module (BCM)



EWD030002



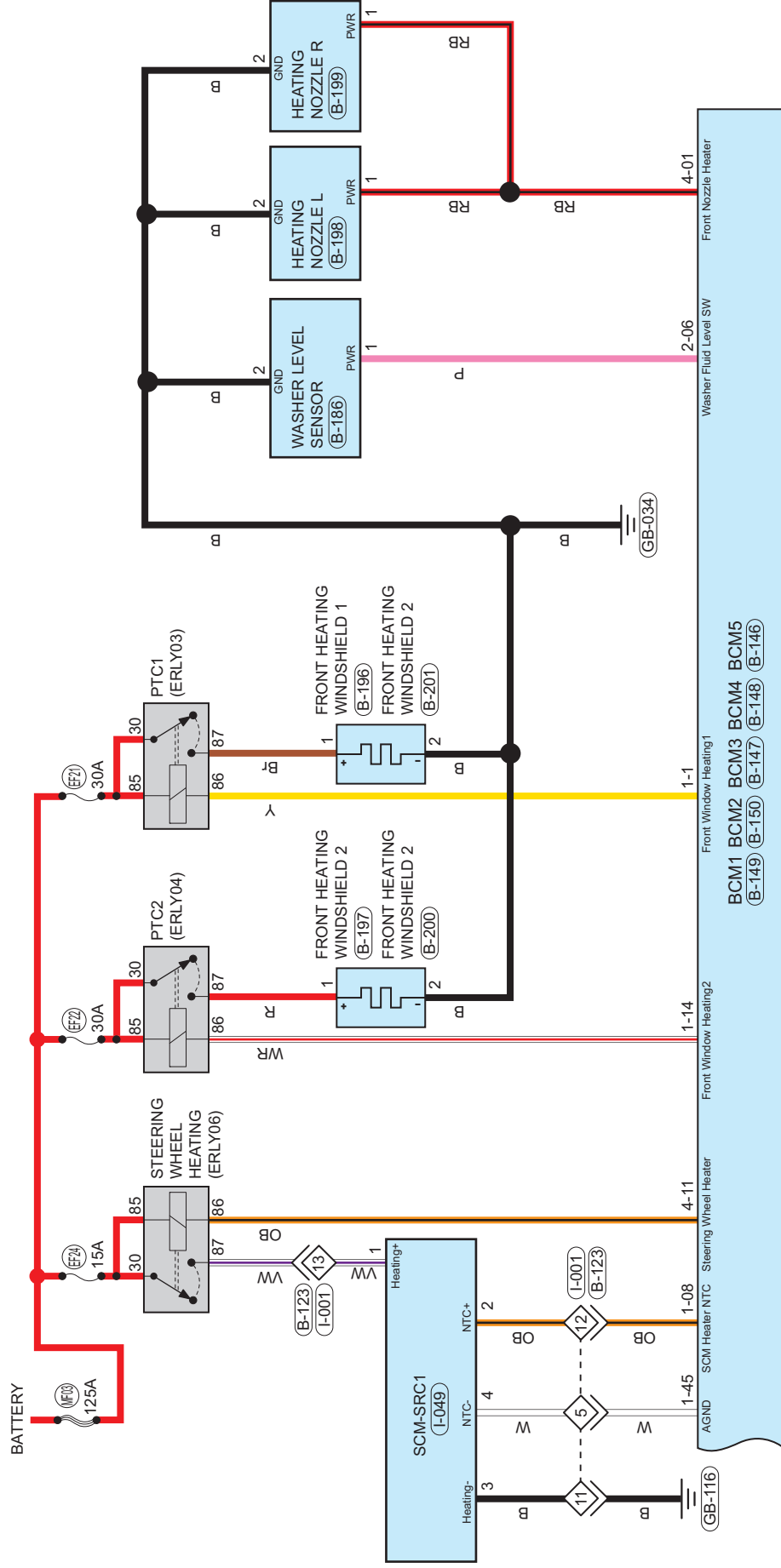
Body Control Module (BCM)



EWD031001



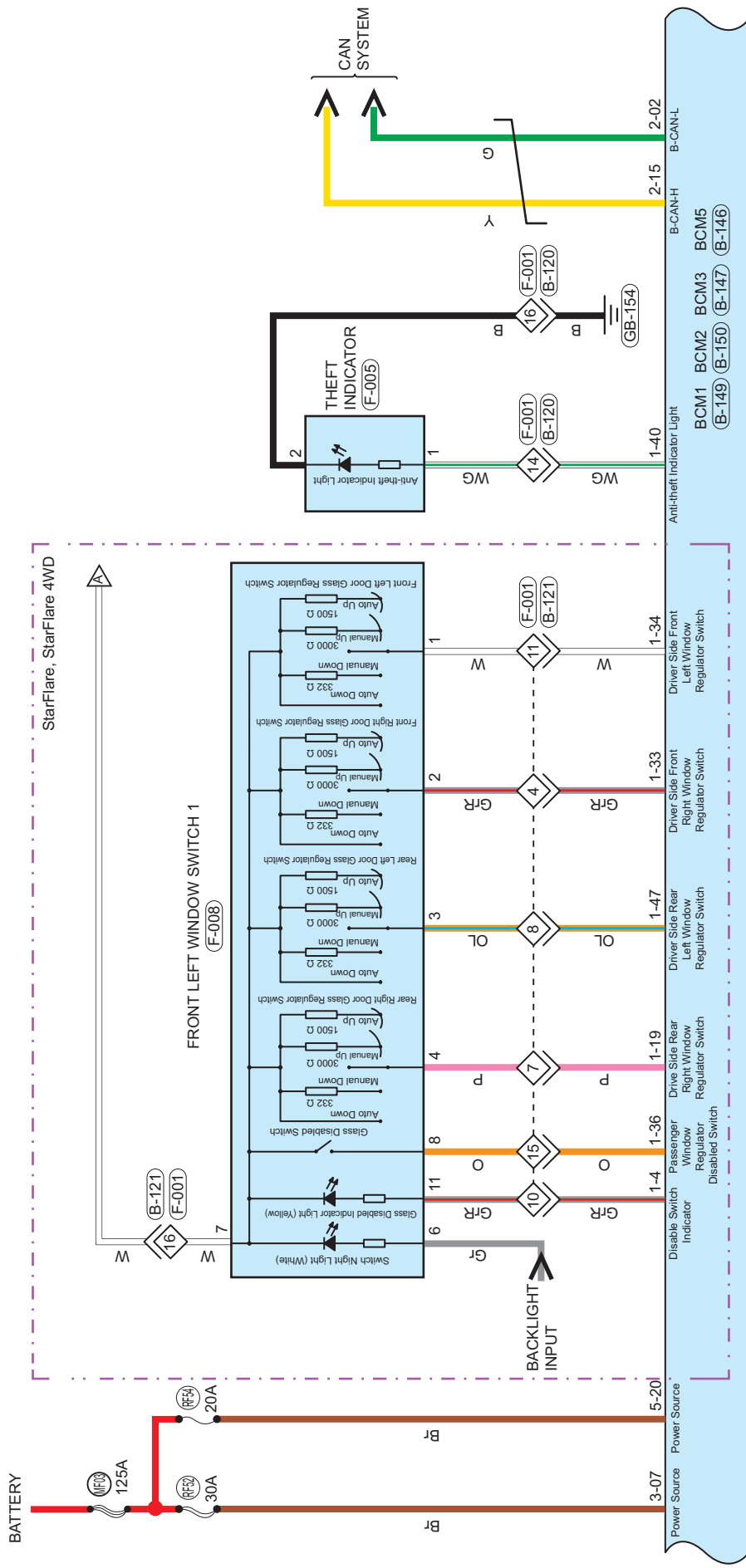
Body Control Module (BCM)



EWD031002



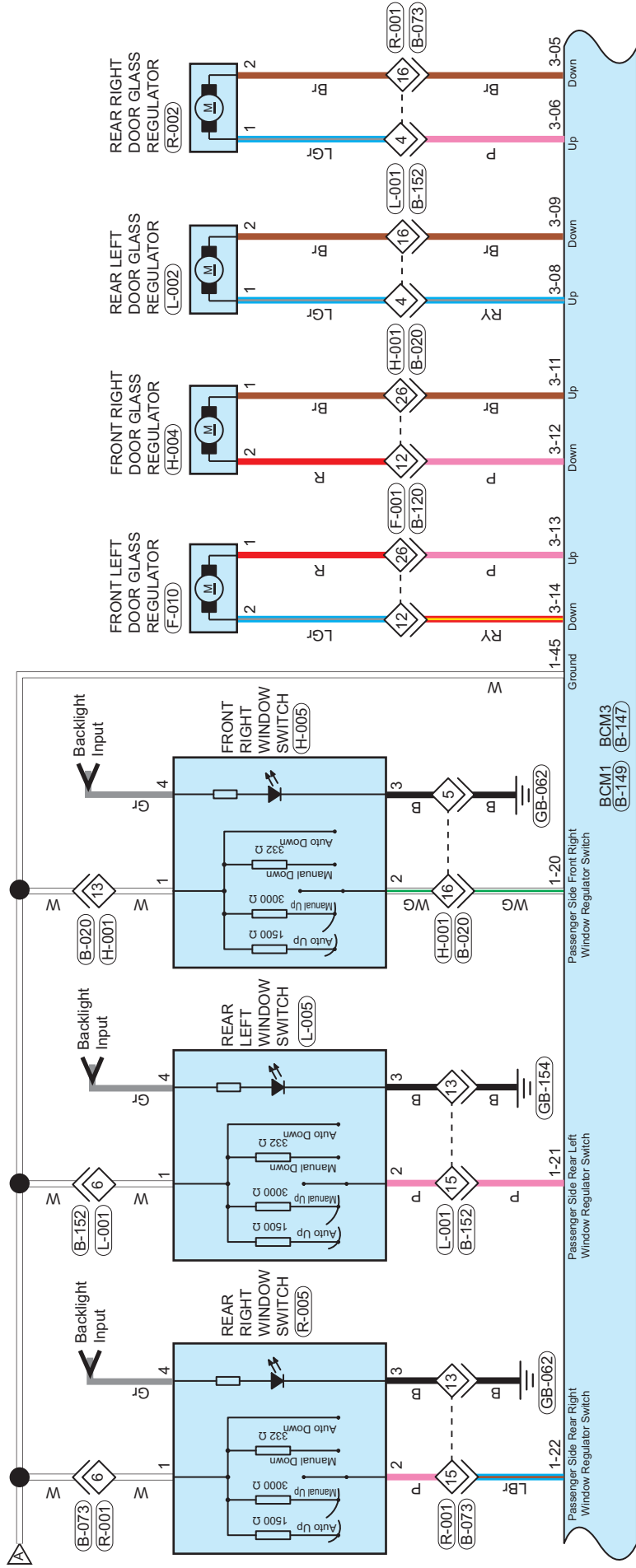
Body Control Module (BCM)



EWD032001



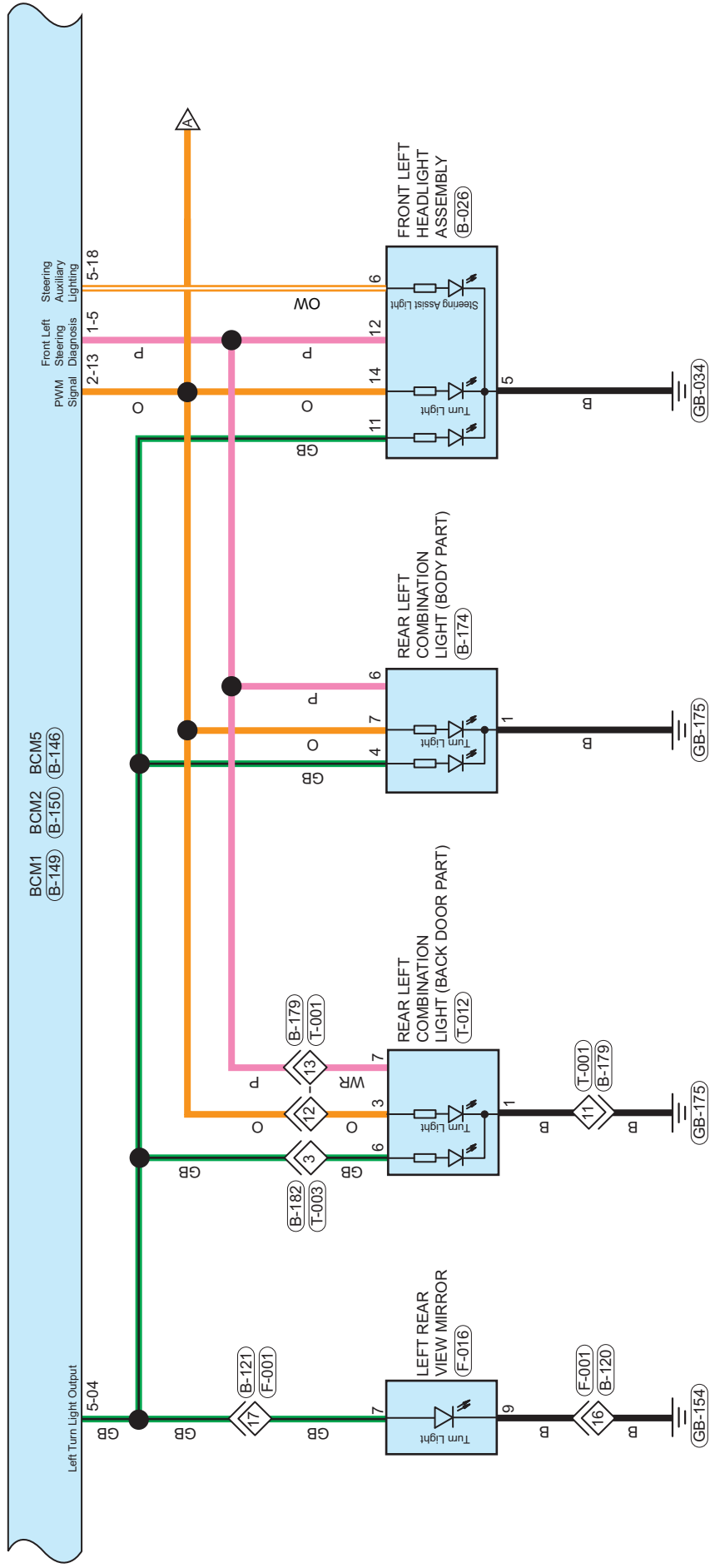
Body Control Module (BCM)



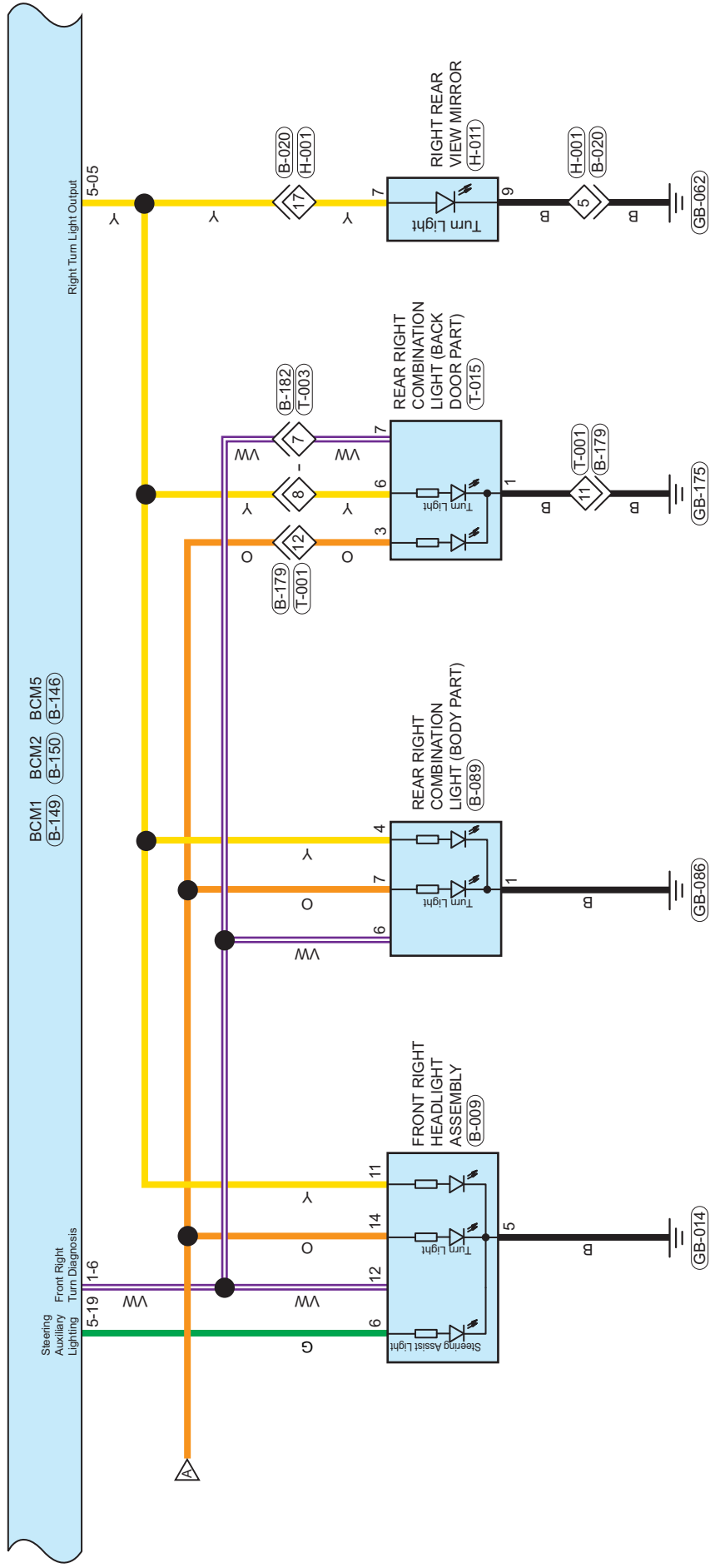
EWD034001



Body Control Module (BCM)



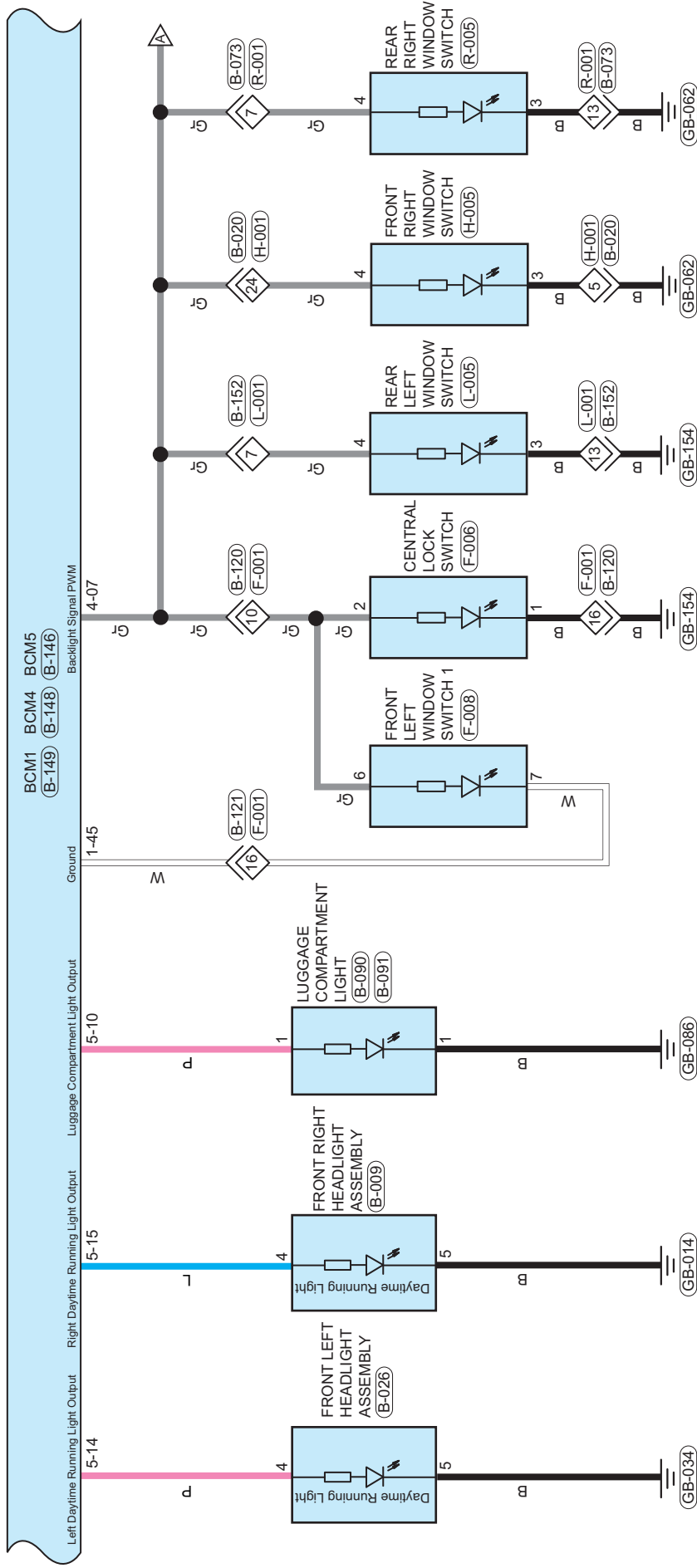
Body Control Module (BCM)



EWD036002



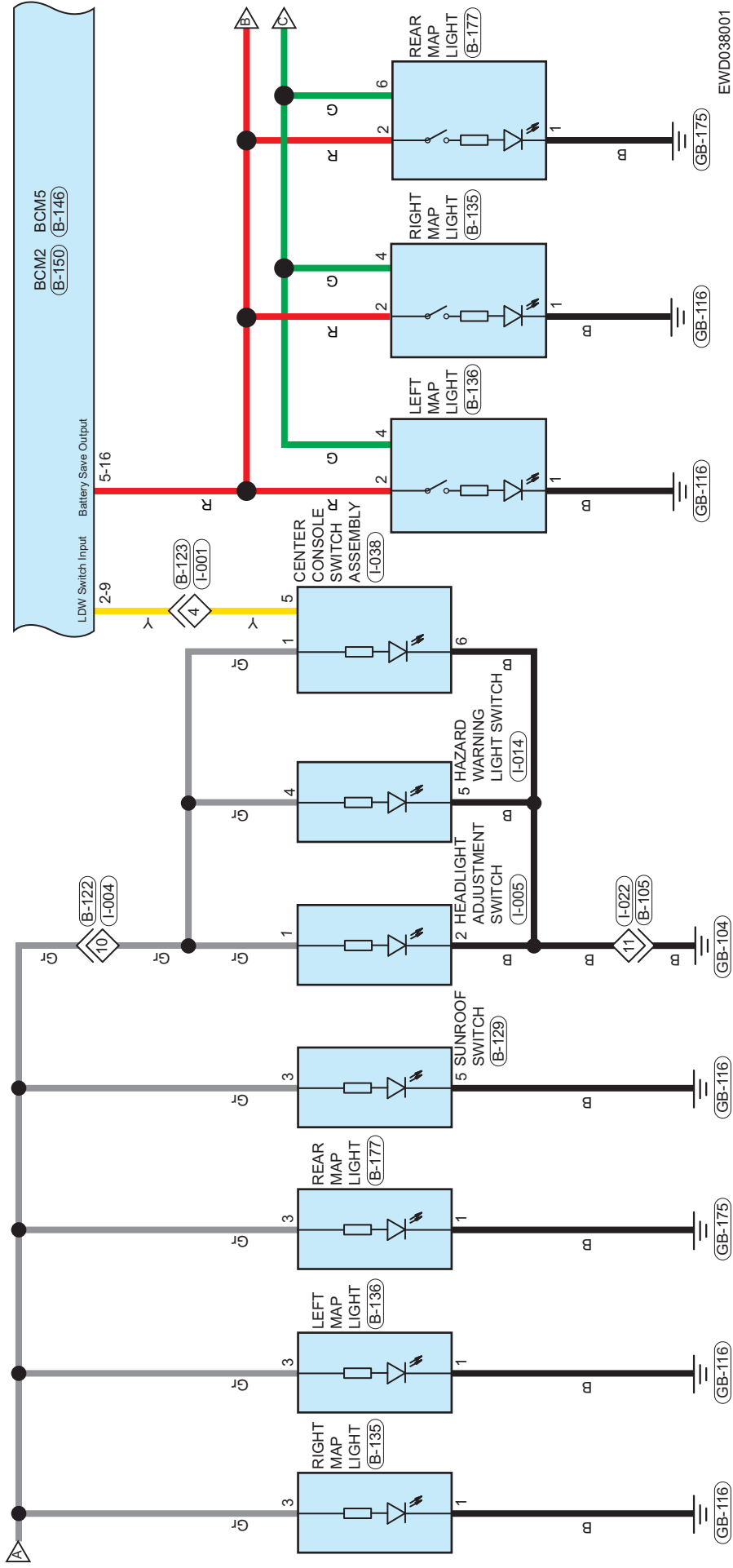
Body Control Module (BCM)



EWD037001



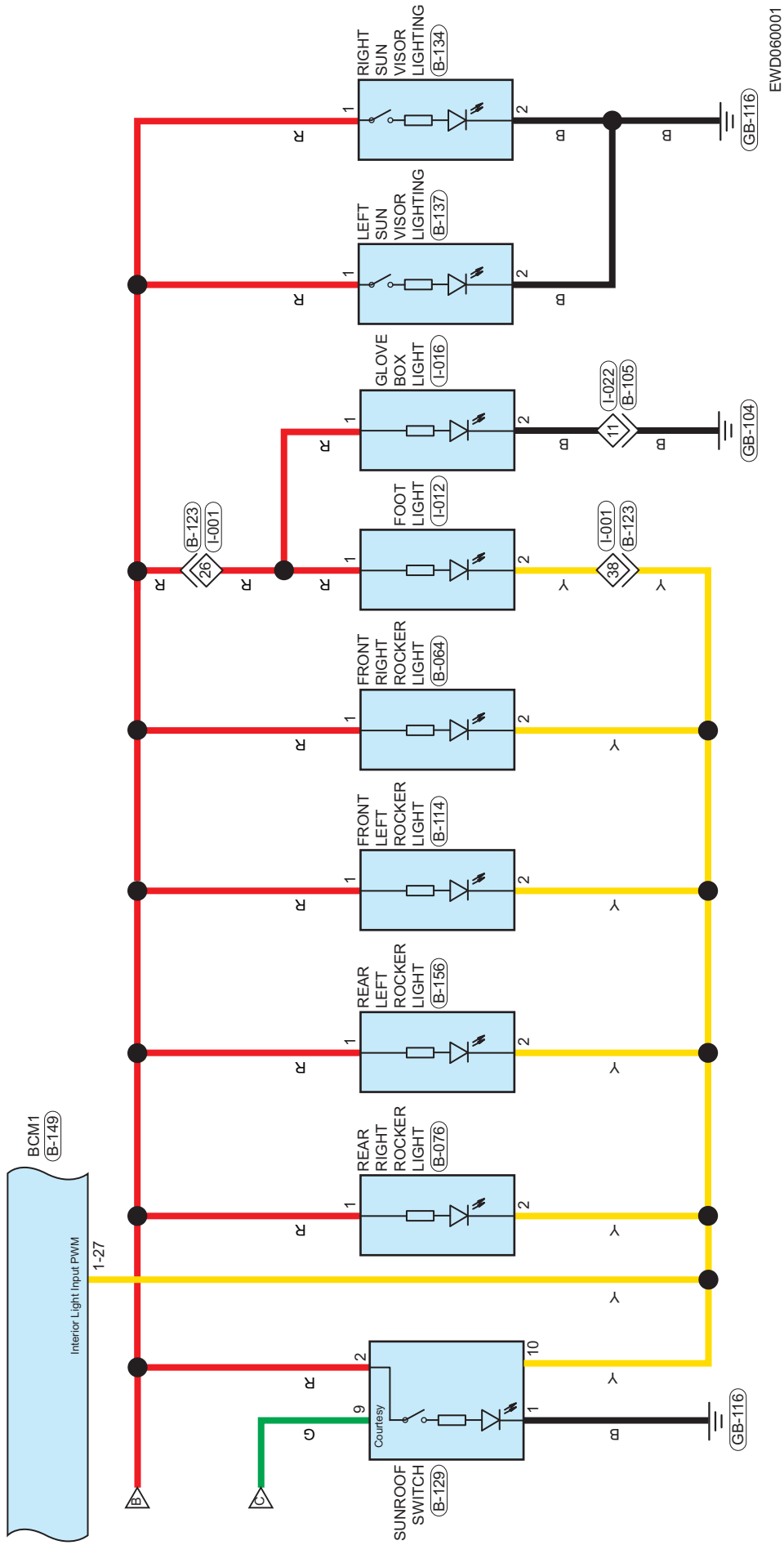
Body Control Module (BCM)



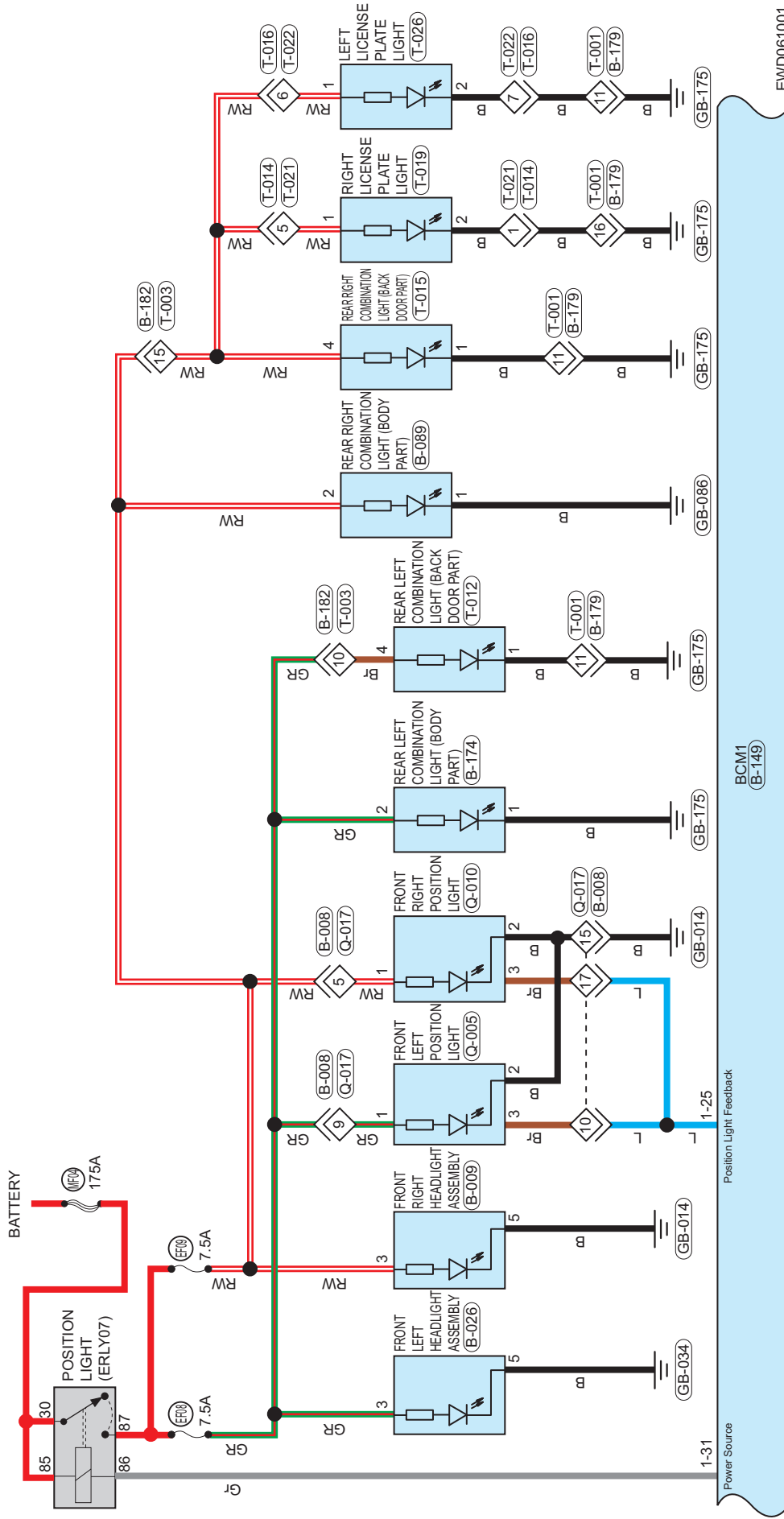
EWD038001



Body Control Module (BCM)



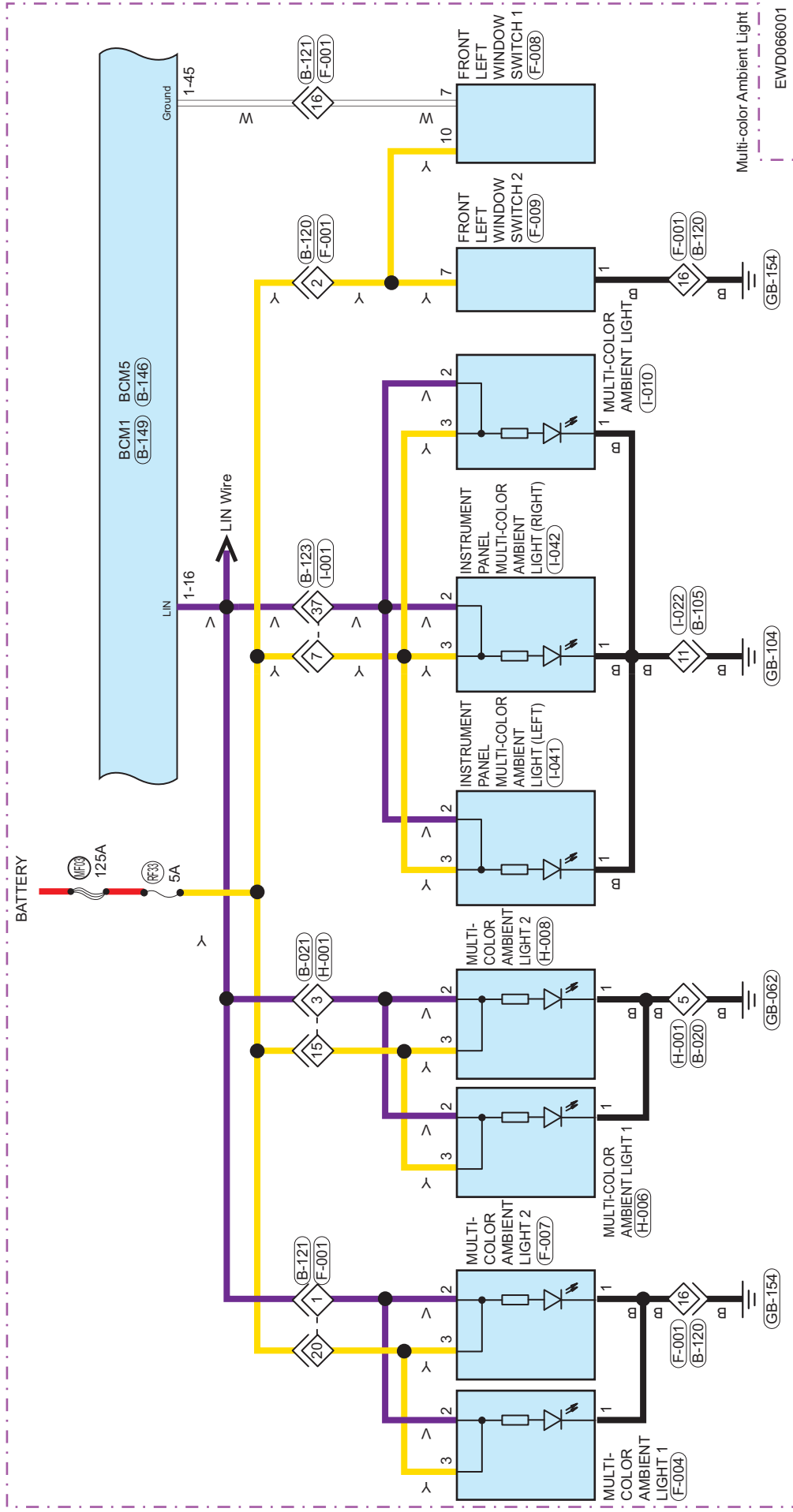
Body Control Module (BCM)



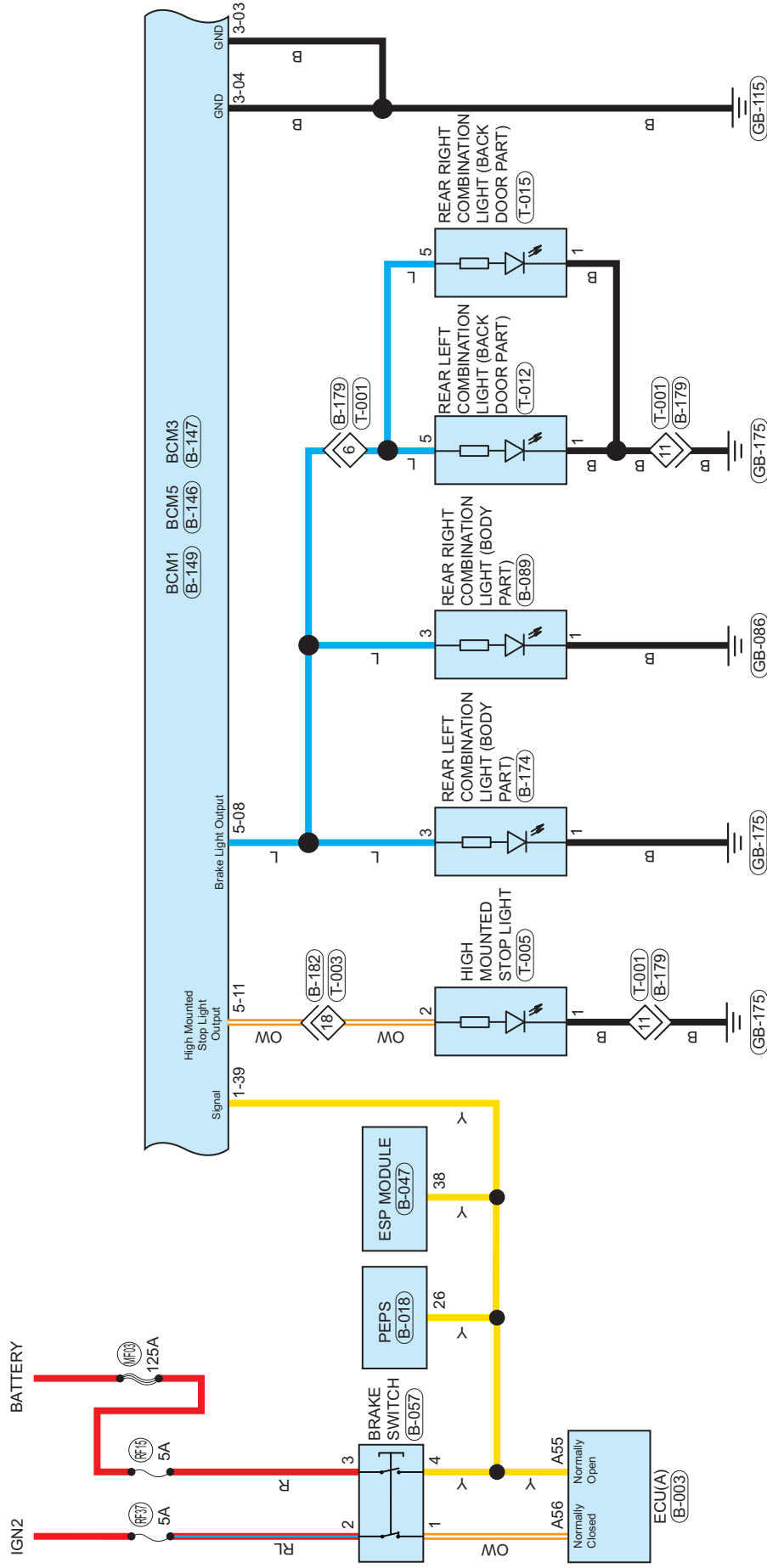
EWD061001



Body Control Module (BCM)



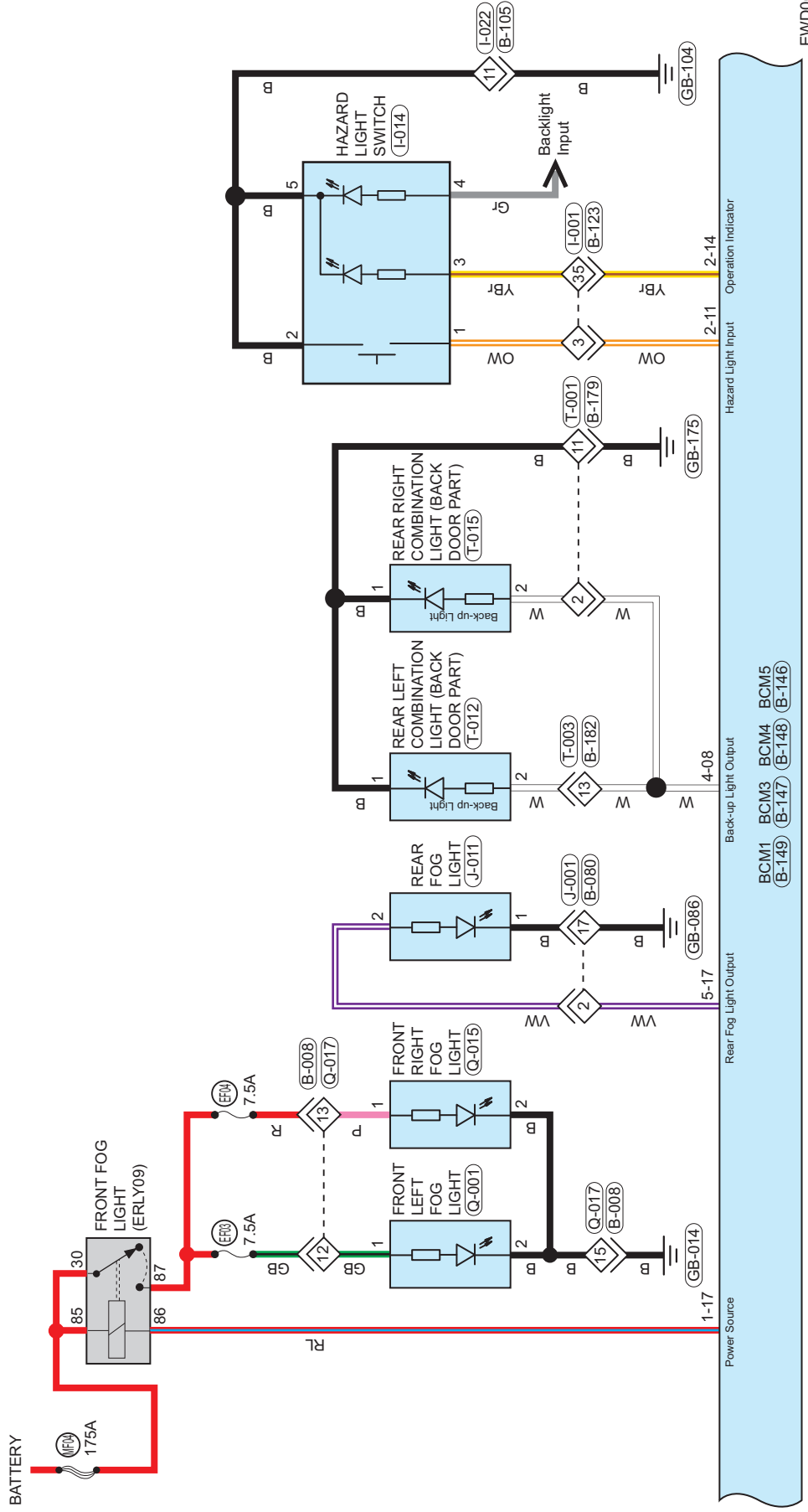
Body Control Module (BCM)



EWD063001



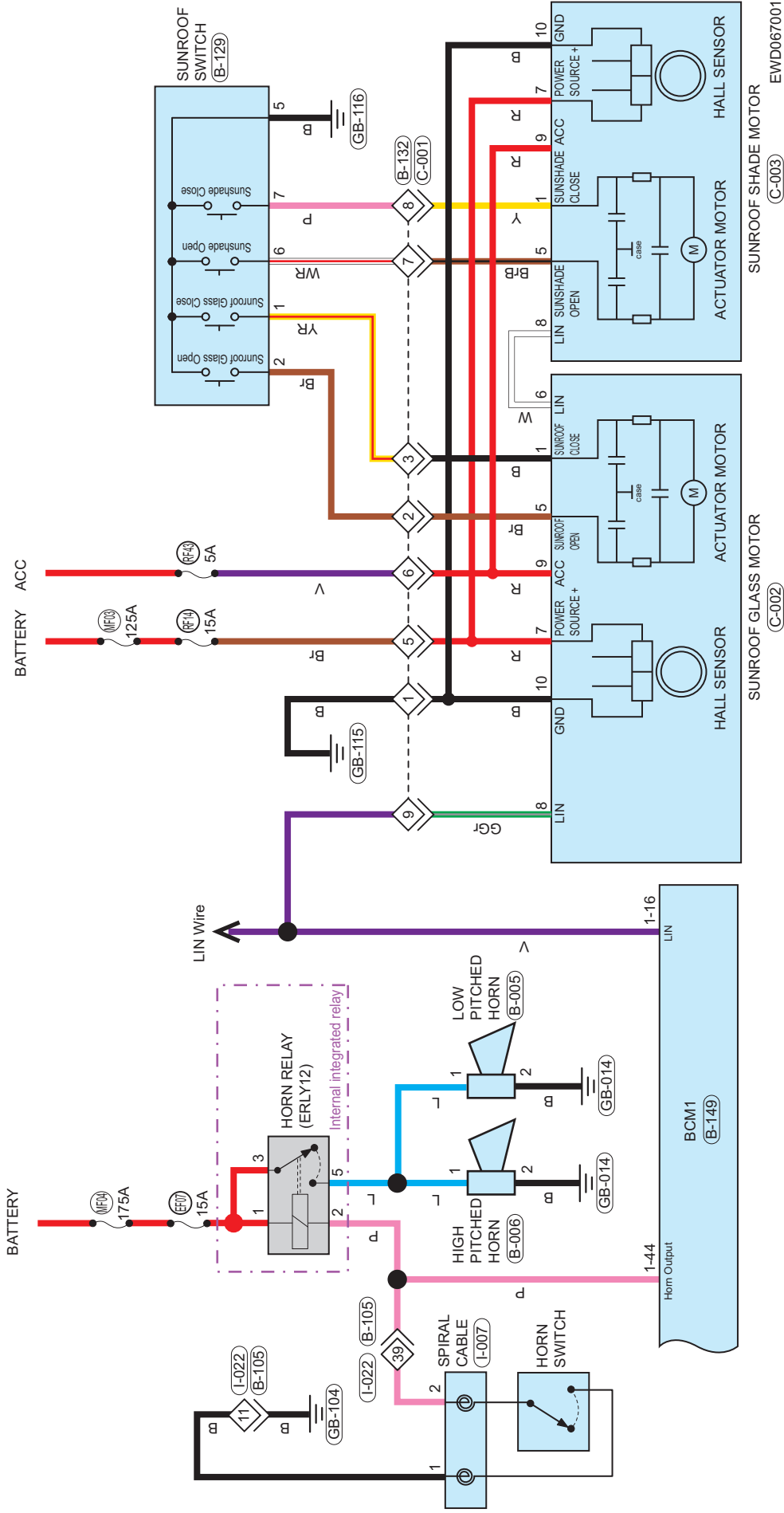
Body Control Module (BCM)



EWD064001

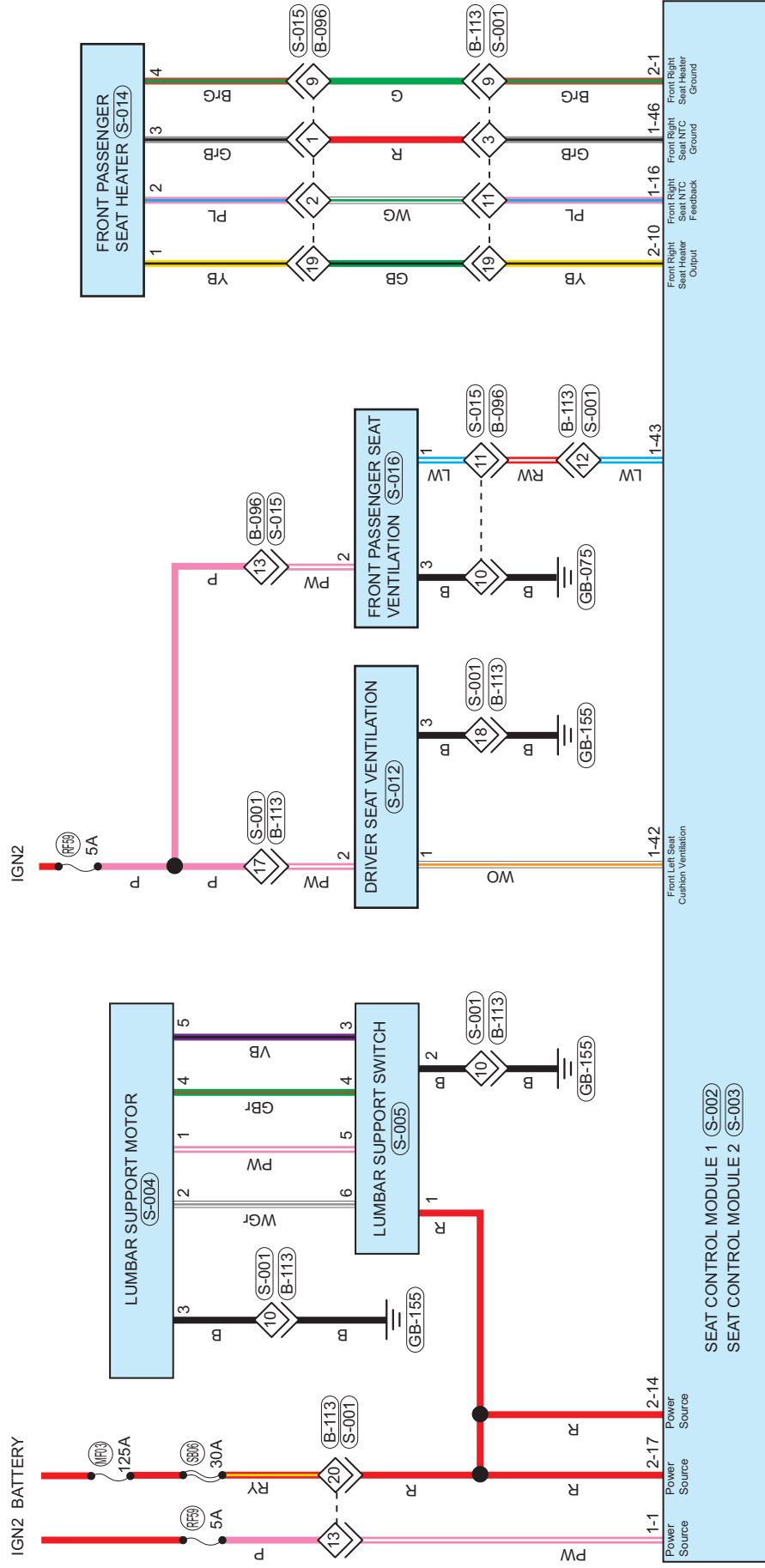


Body Control Module (BCM)



EWD067001

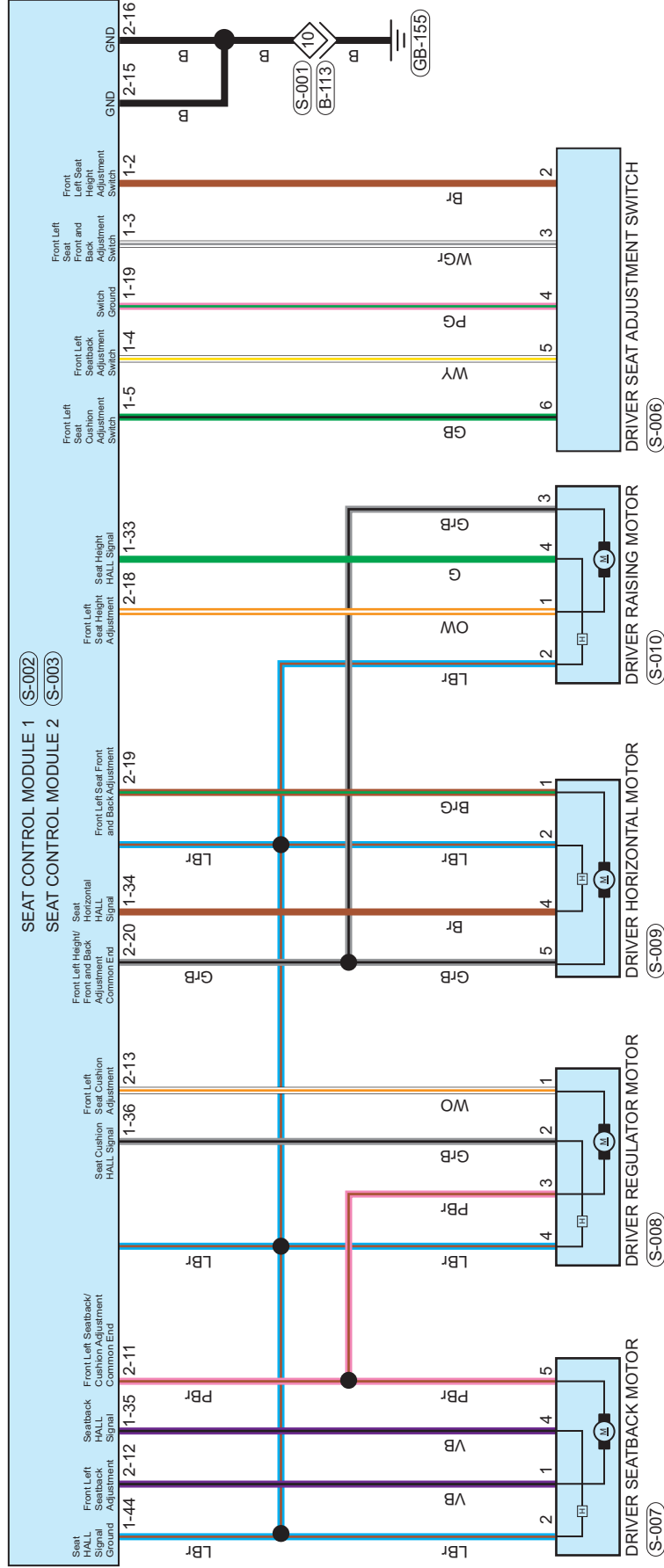
Seat Control Module (SCU)



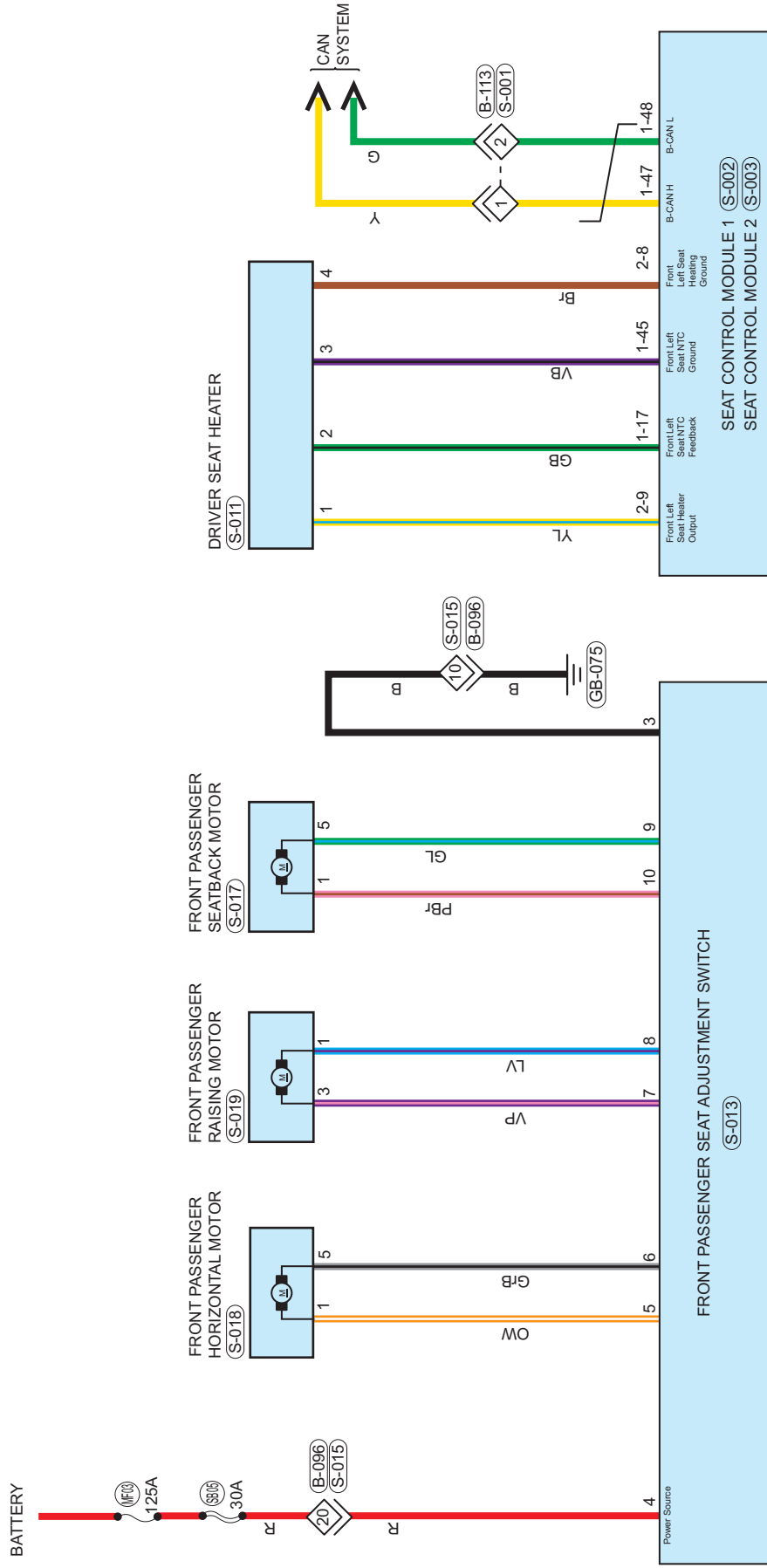
EWD065001



Seat Control Module (SCU)



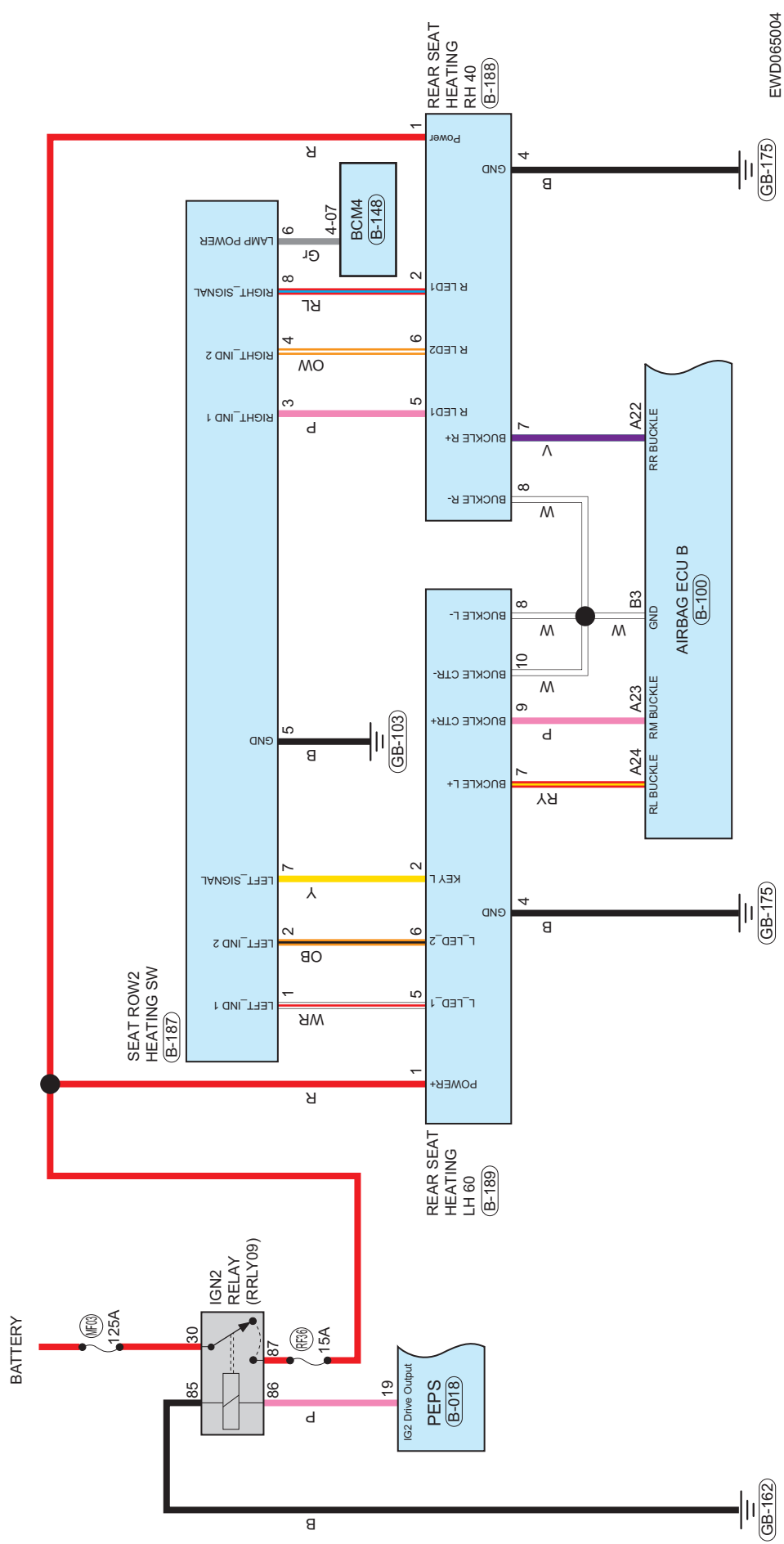
Seat Control Module (SCU)



EWD065003



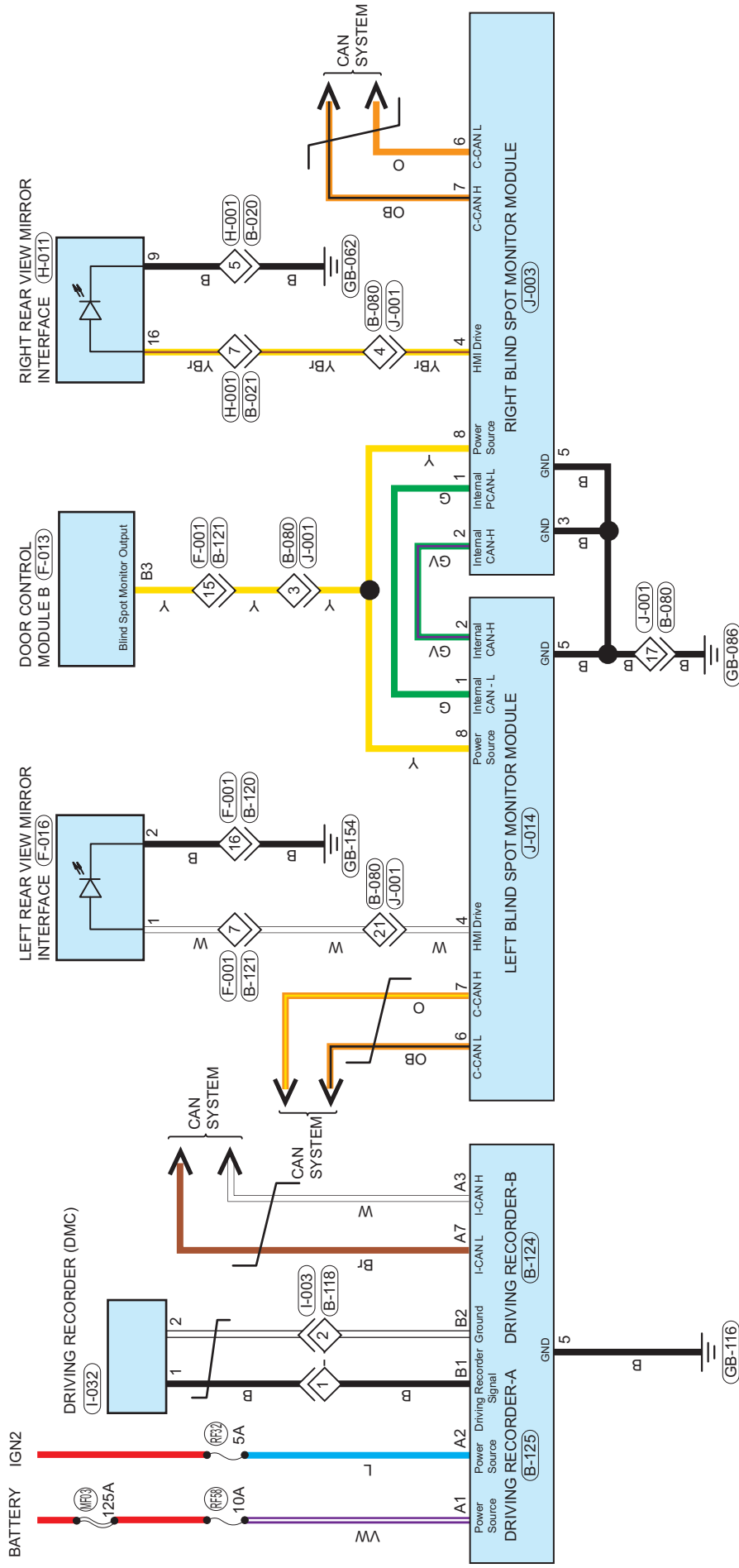
Seat Control Module (SCU)



EWD065004



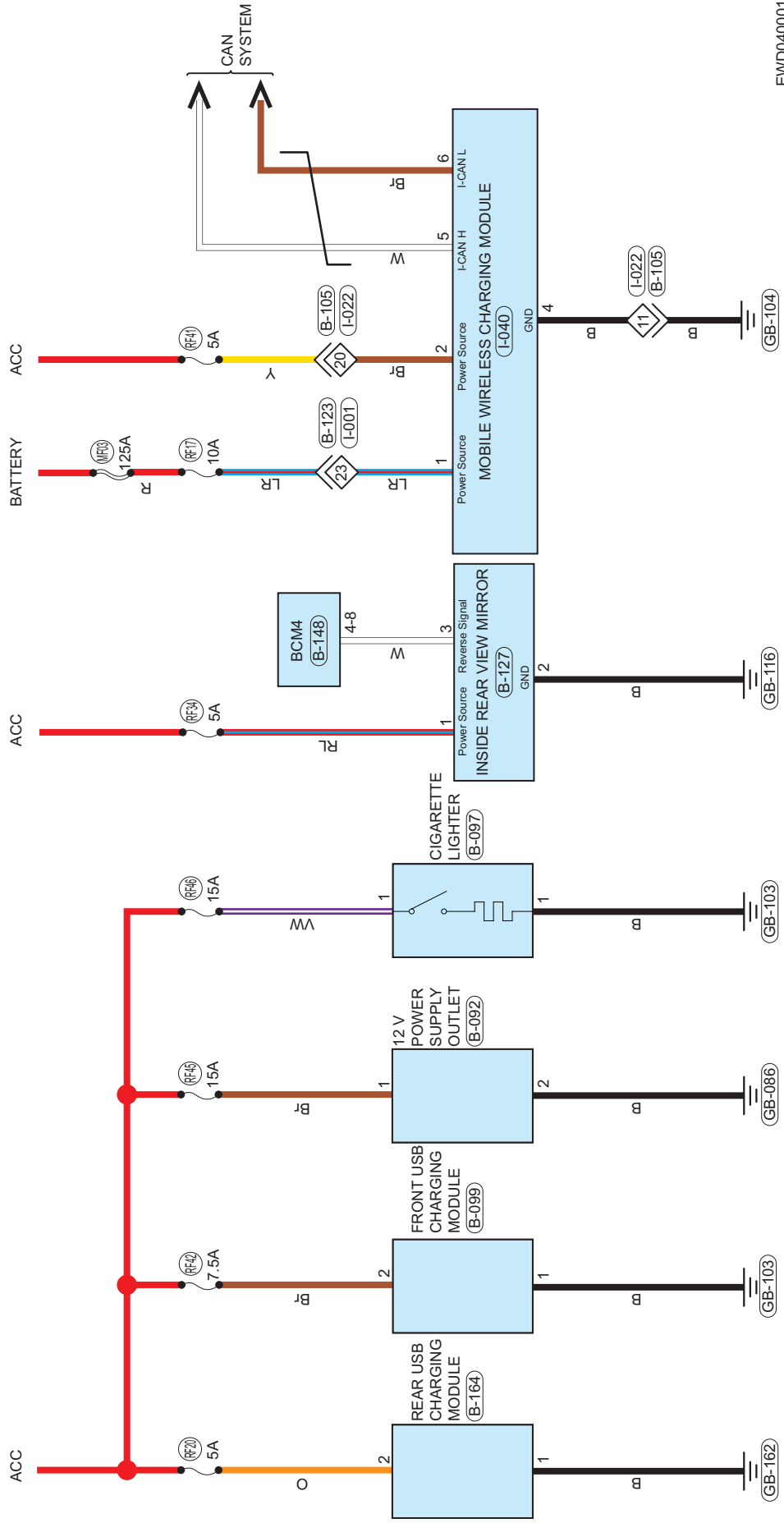
Drive Recorder (DVR) / Blind Spot Detection System (BSD)



EWD039001



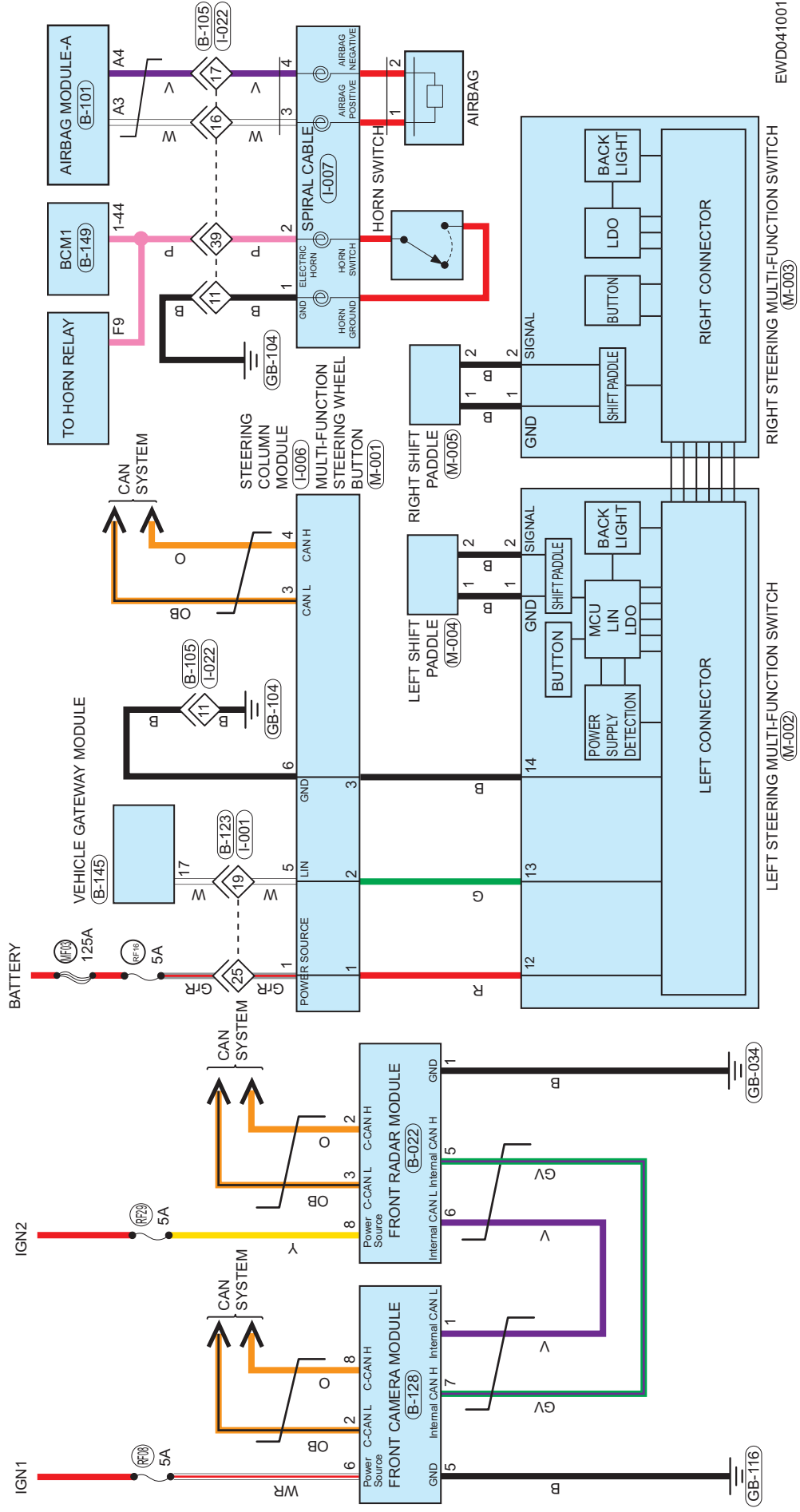
Backup Power Supply / Wireless Charging System (CWC) / Inside Rear View Mirror



EWD040001



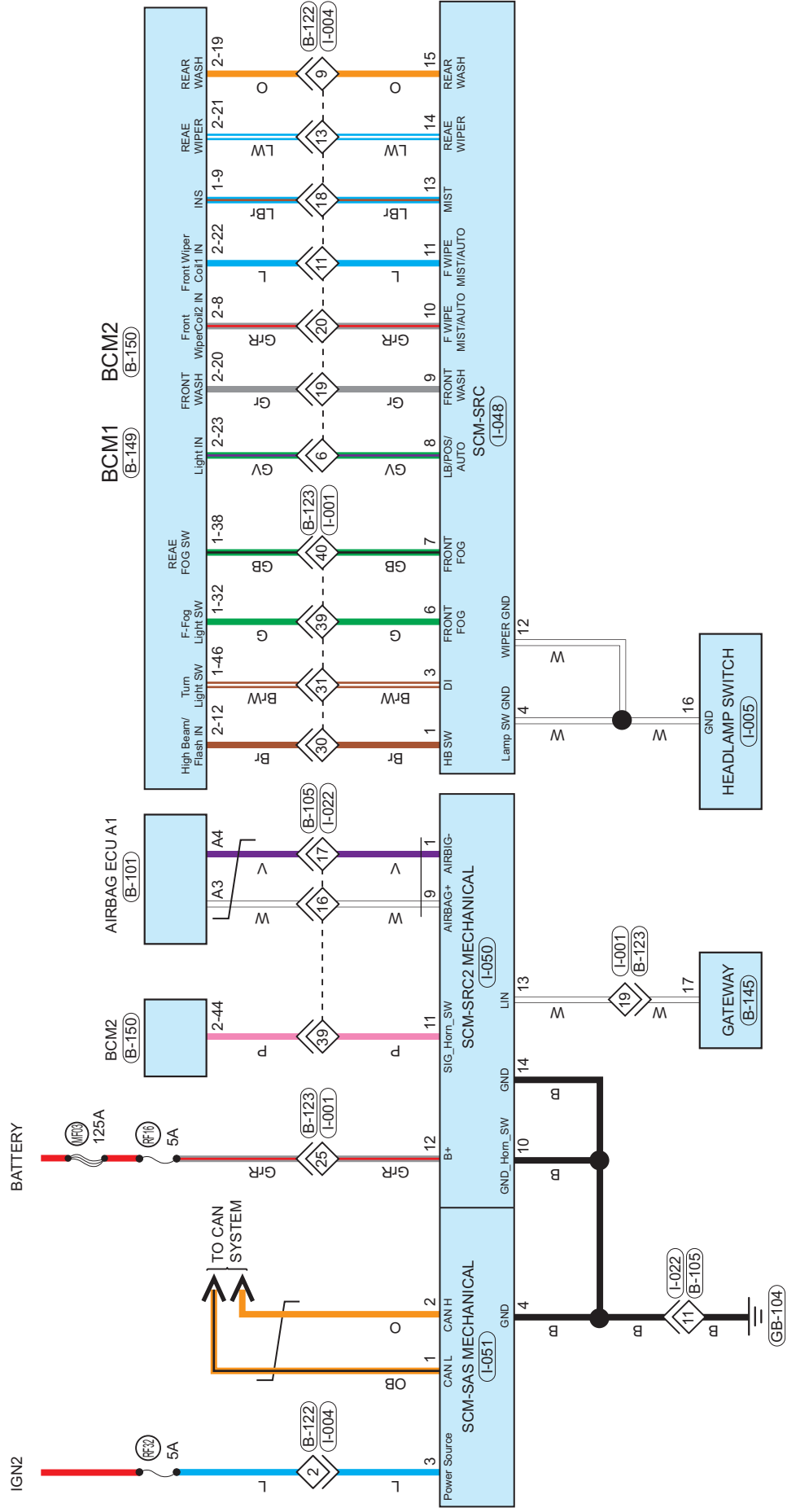
Front Radar Module (FRM) / Front Camera System (FCM) / Multi-function Steering Wheel / Steering Column Module (SCM)



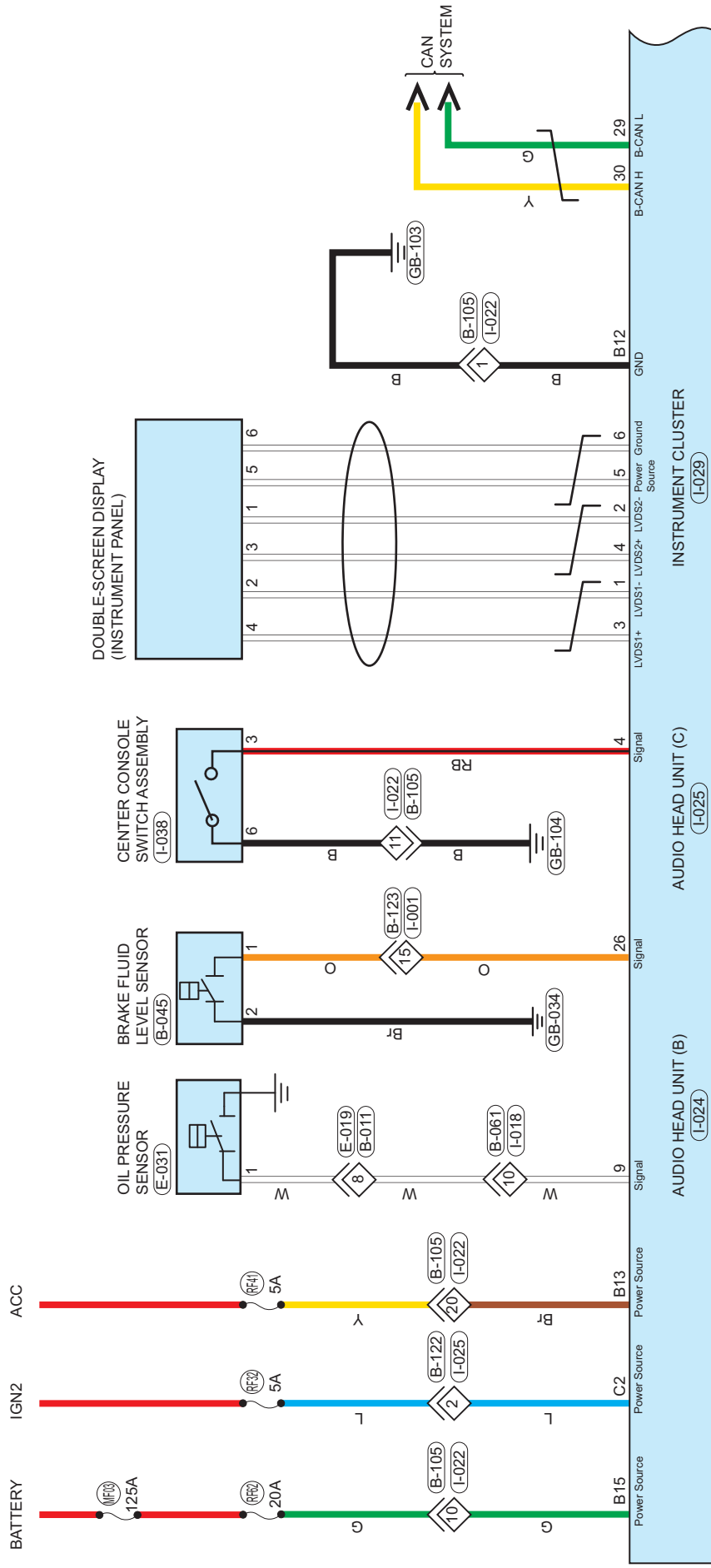
EWD041001



Front Radar Module (FRM) / Front Camera System (FCM) / Multi-function Steering Wheel / Steering Column Module (SCM)



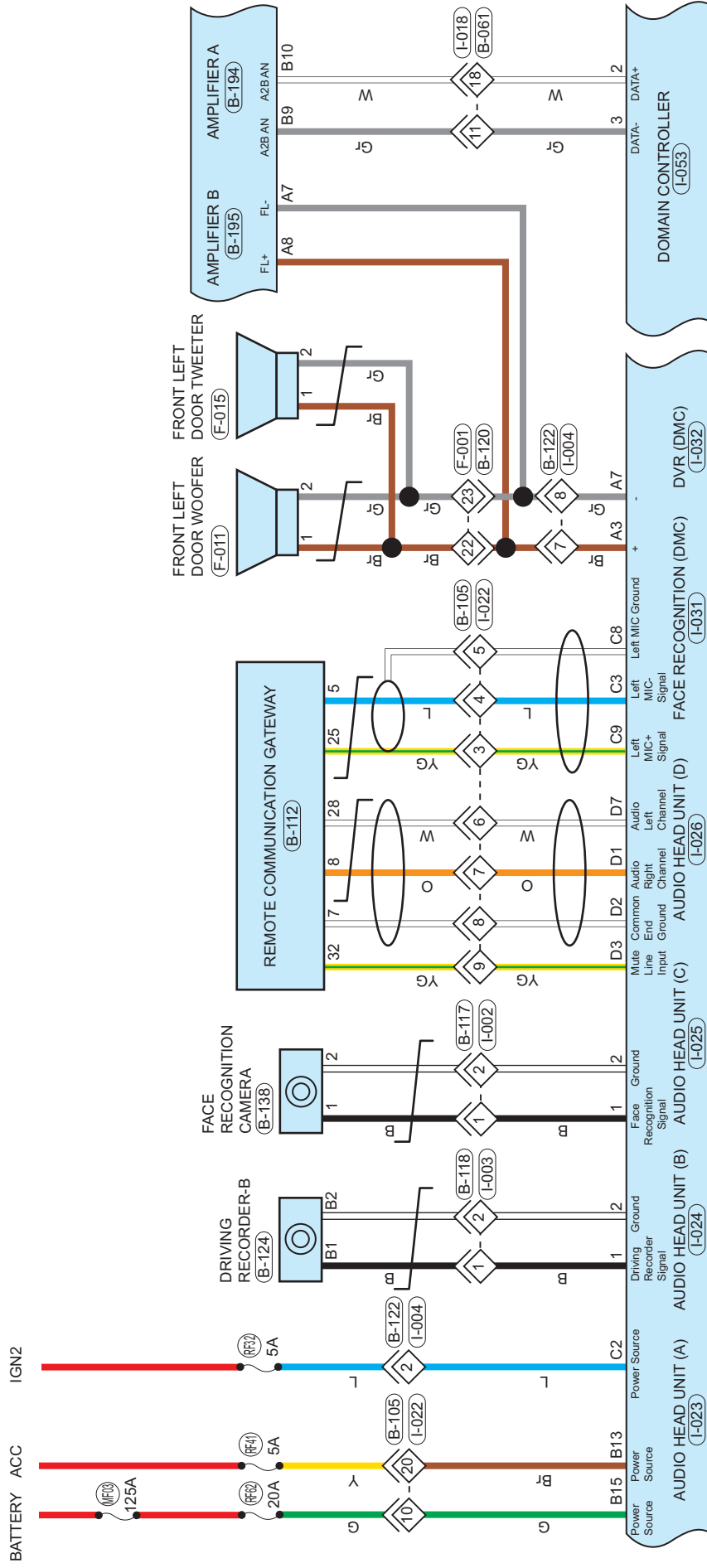
Domain Controller (Instrument Panel / Audio)



EWD042001



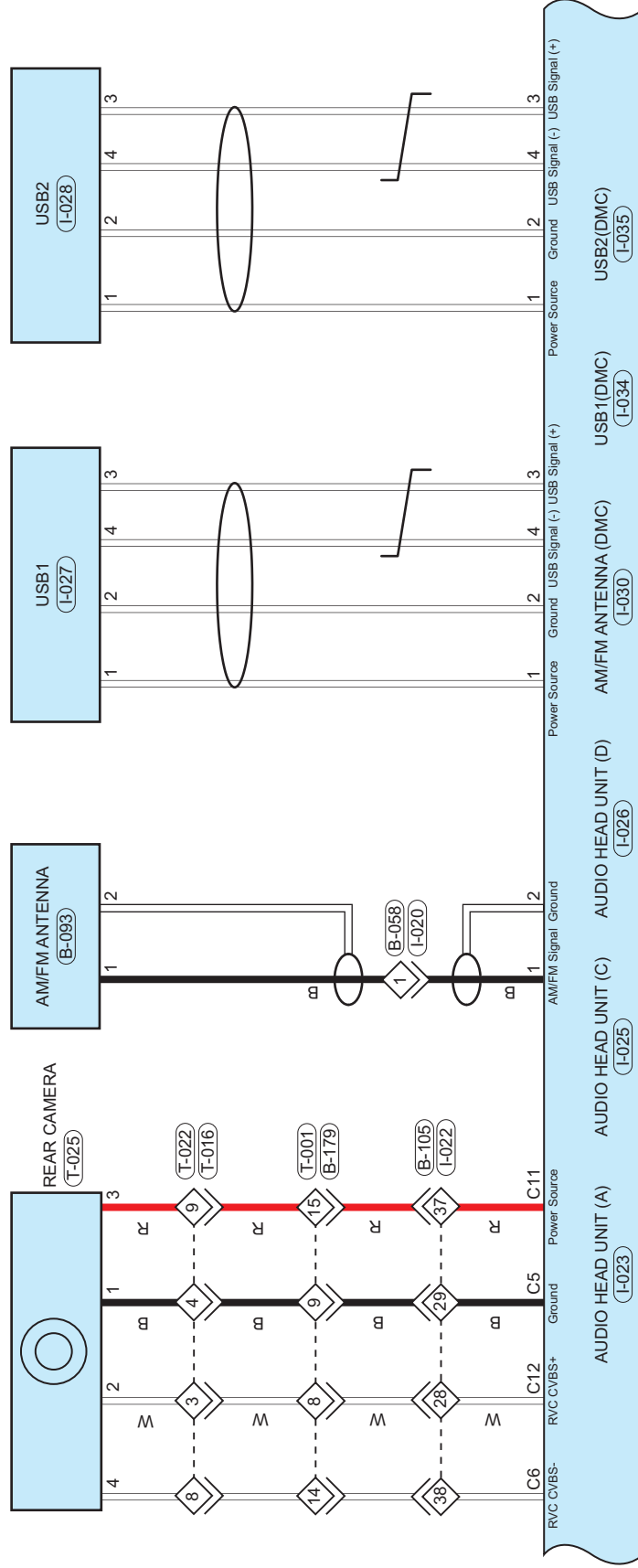
Domain Controller (Instrument Panel / Audio)



EWD043001



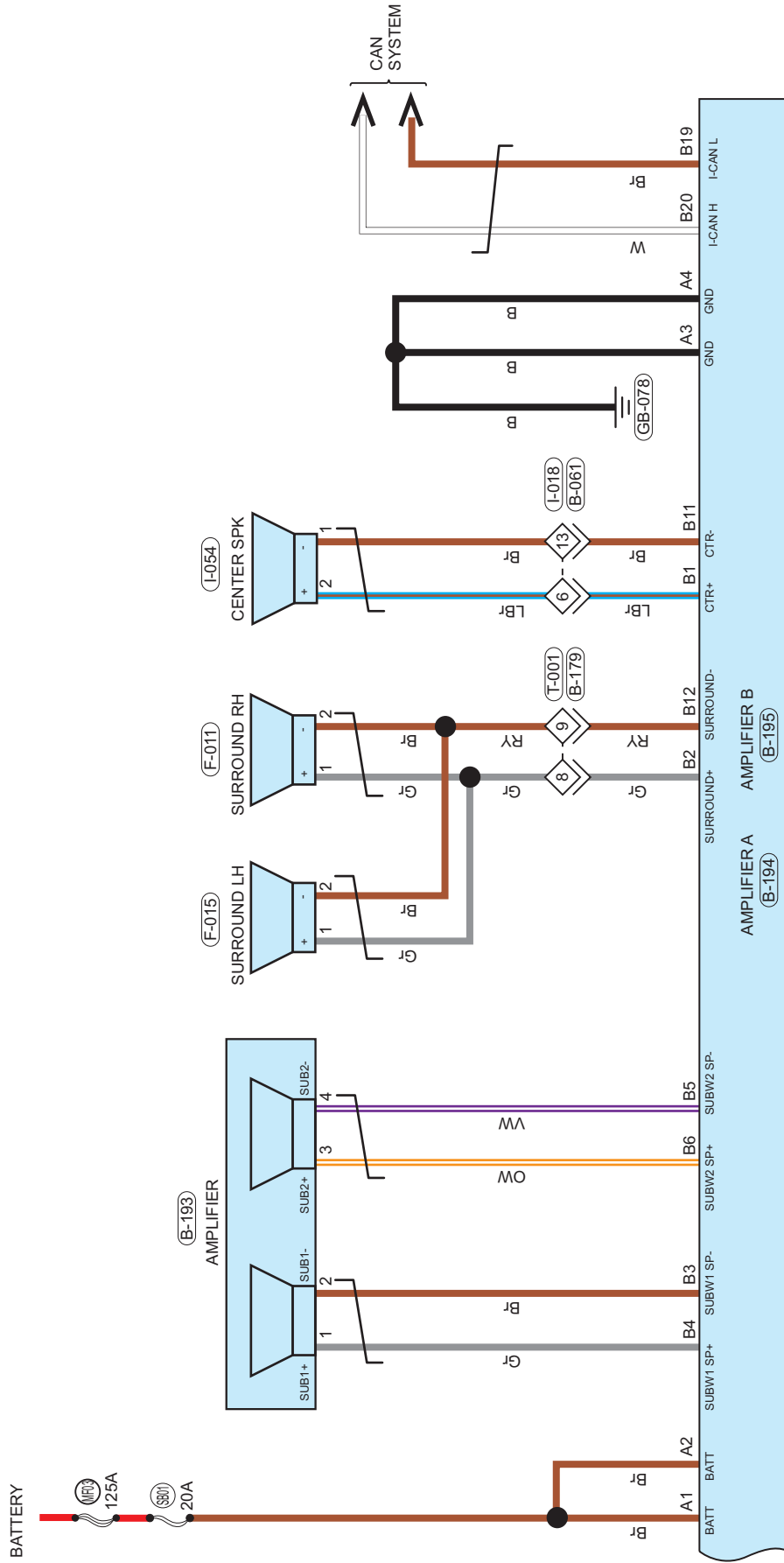
Domain Controller (Instrument Panel / Audio)



EWD044001



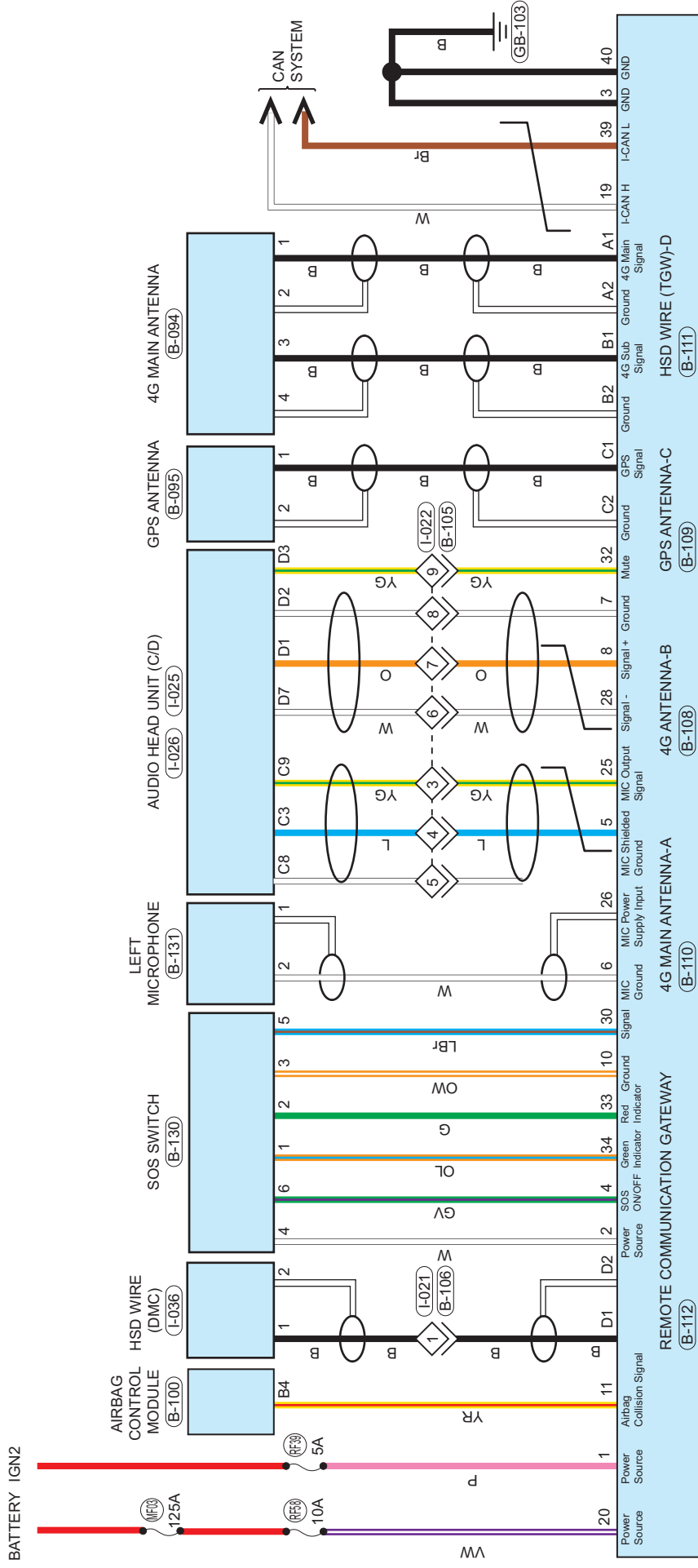
Domain Controller (Instrument Panel / Audio)



EWD044003



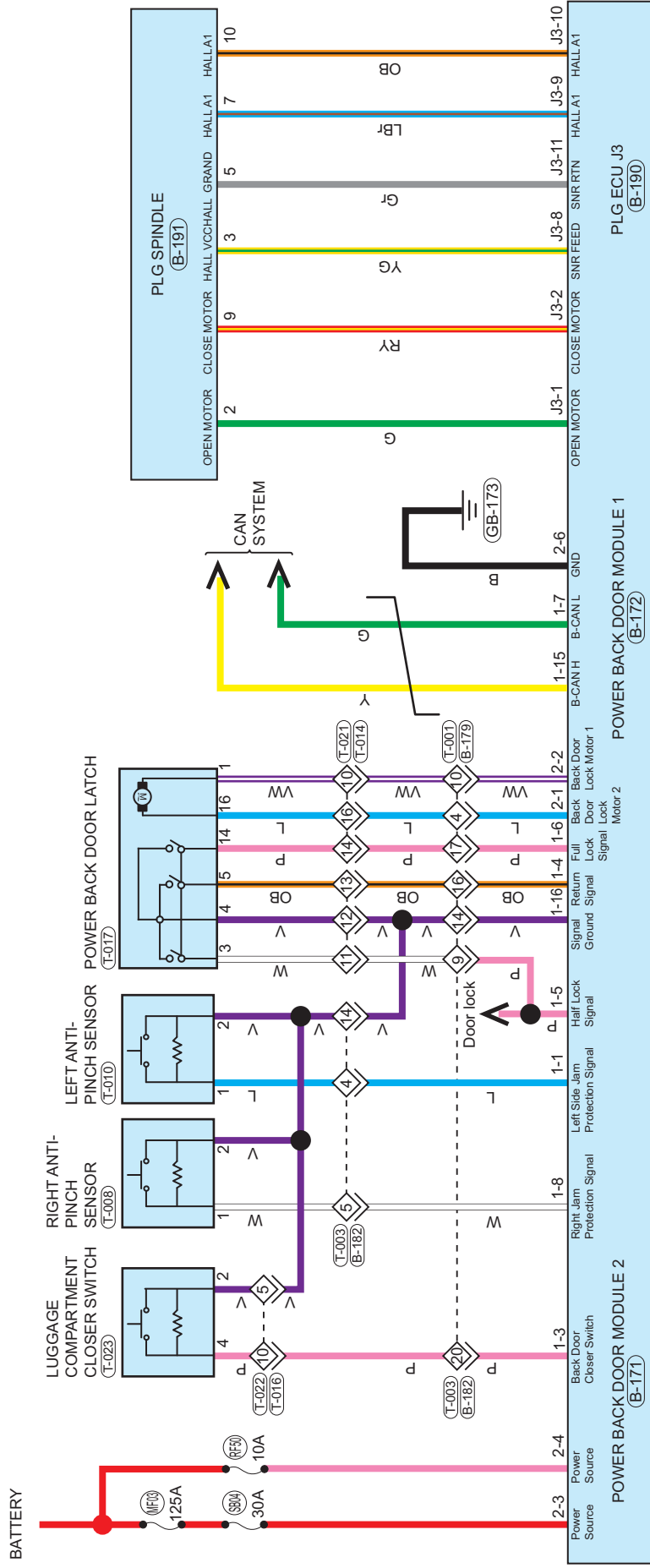
Information Communication Module (T-BOX)



EWD046001



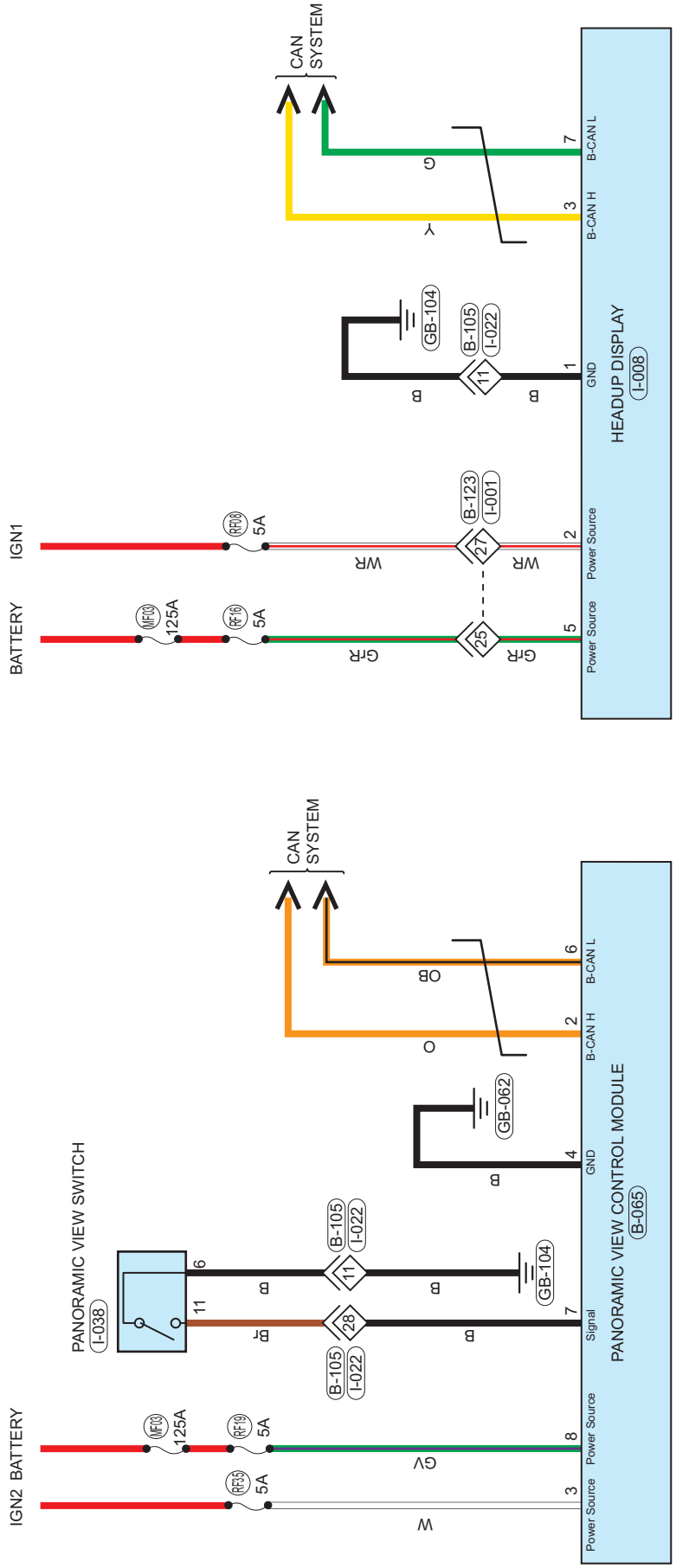
Power Back Door System (PLG)



EWD047001



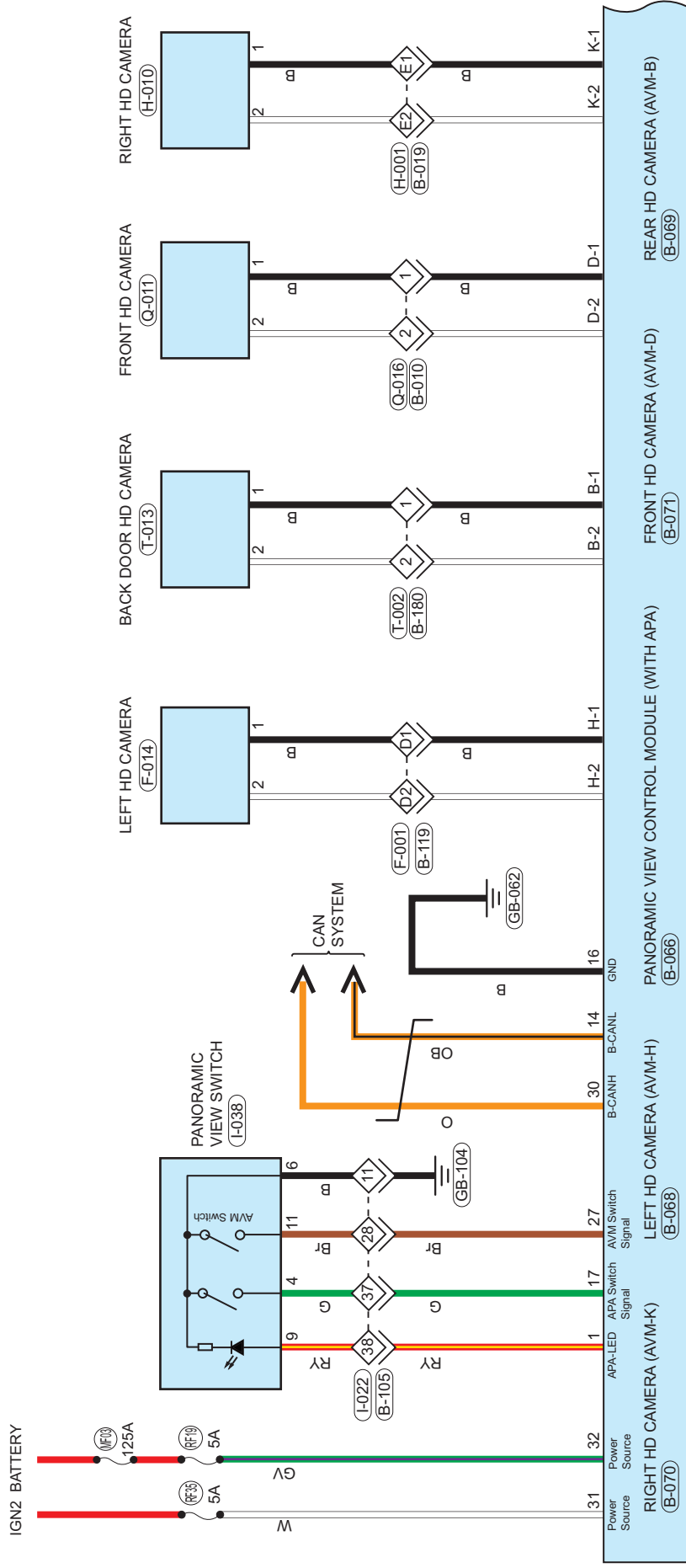
Panoramic Control System (AVM) / Head Up Display



EWD049001



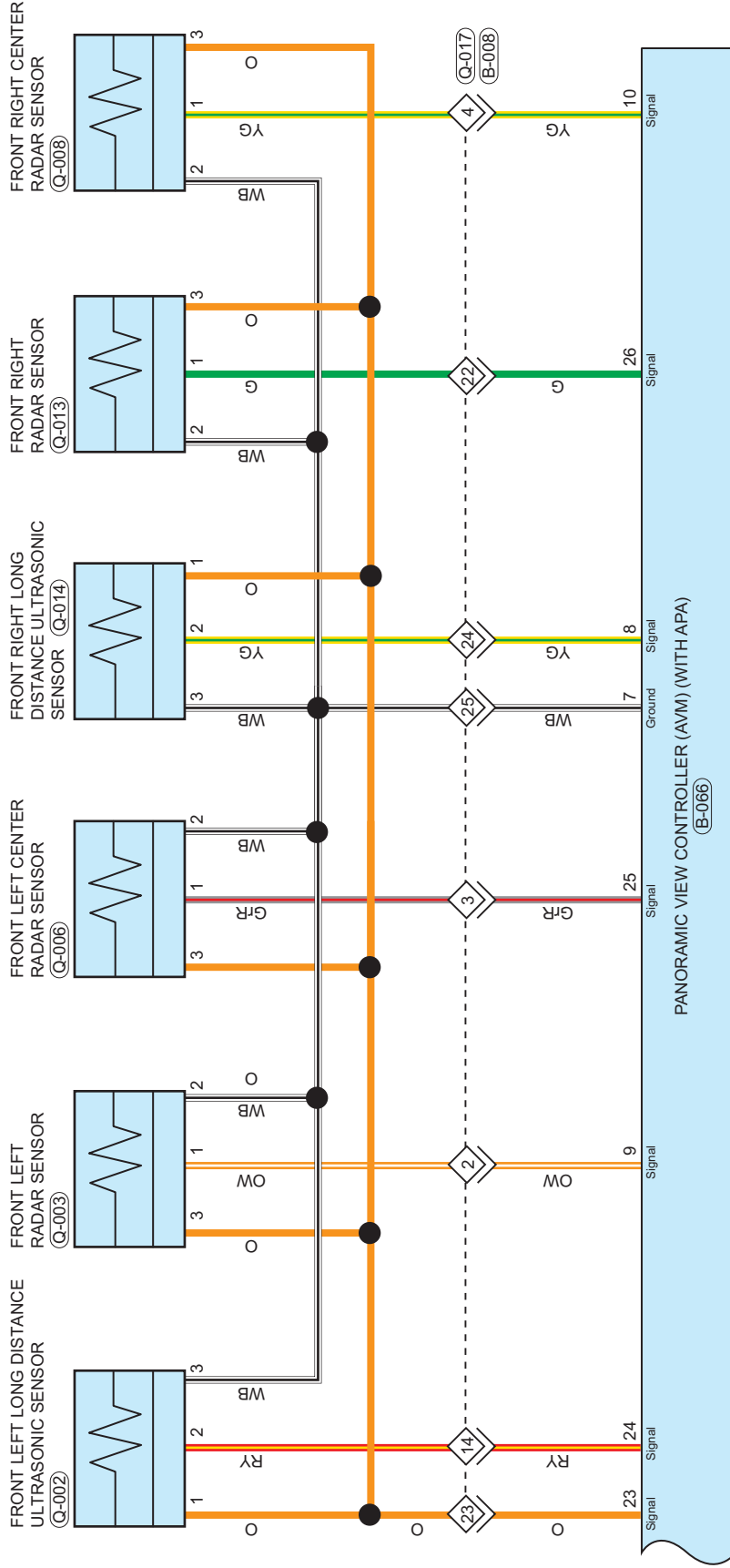
Panoramic Control System (AVM) (Integrated Automatic Parking Assist System (APA))



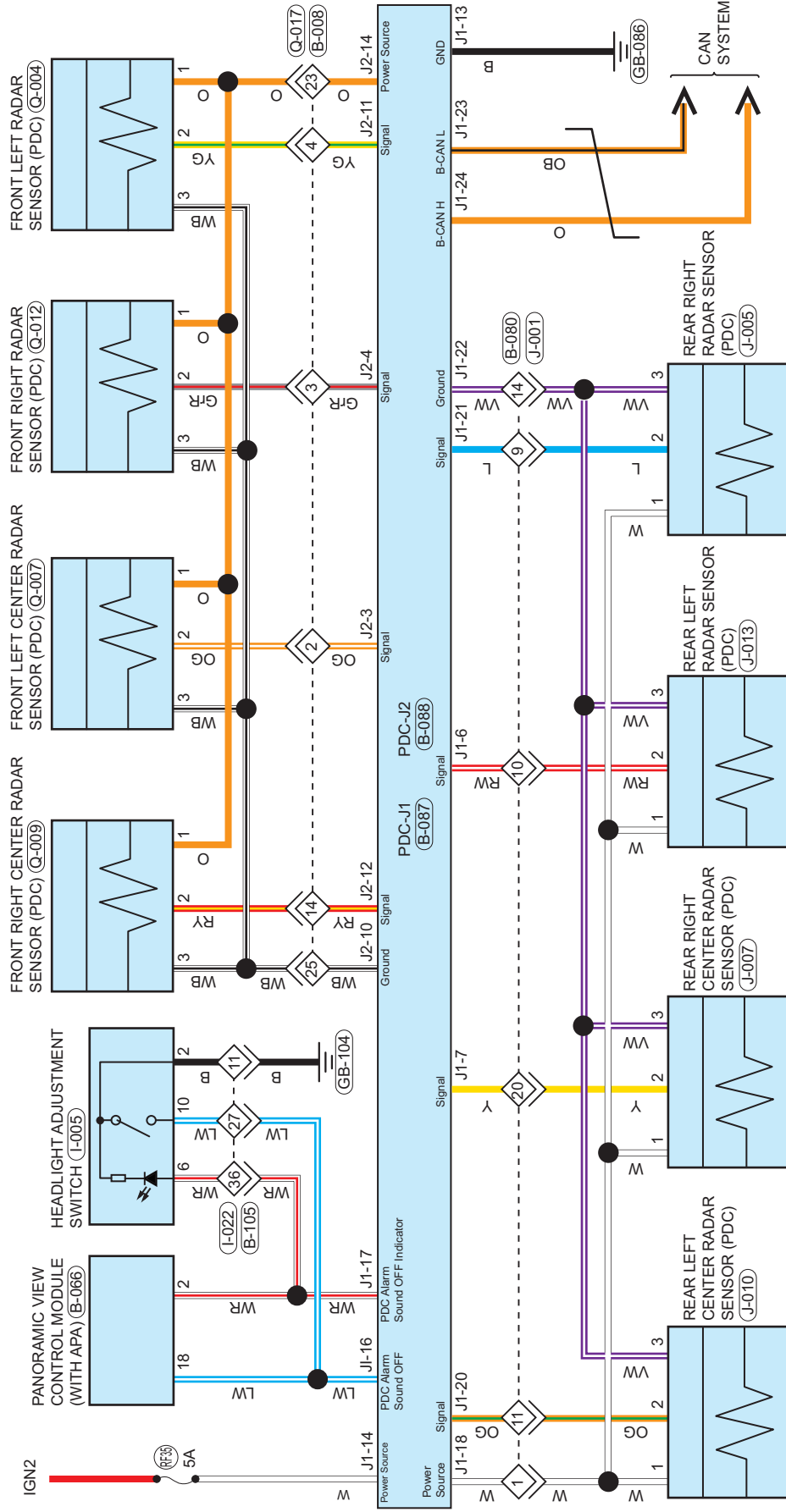
EWD050001



Panoramic Control System (AVM) (APA)



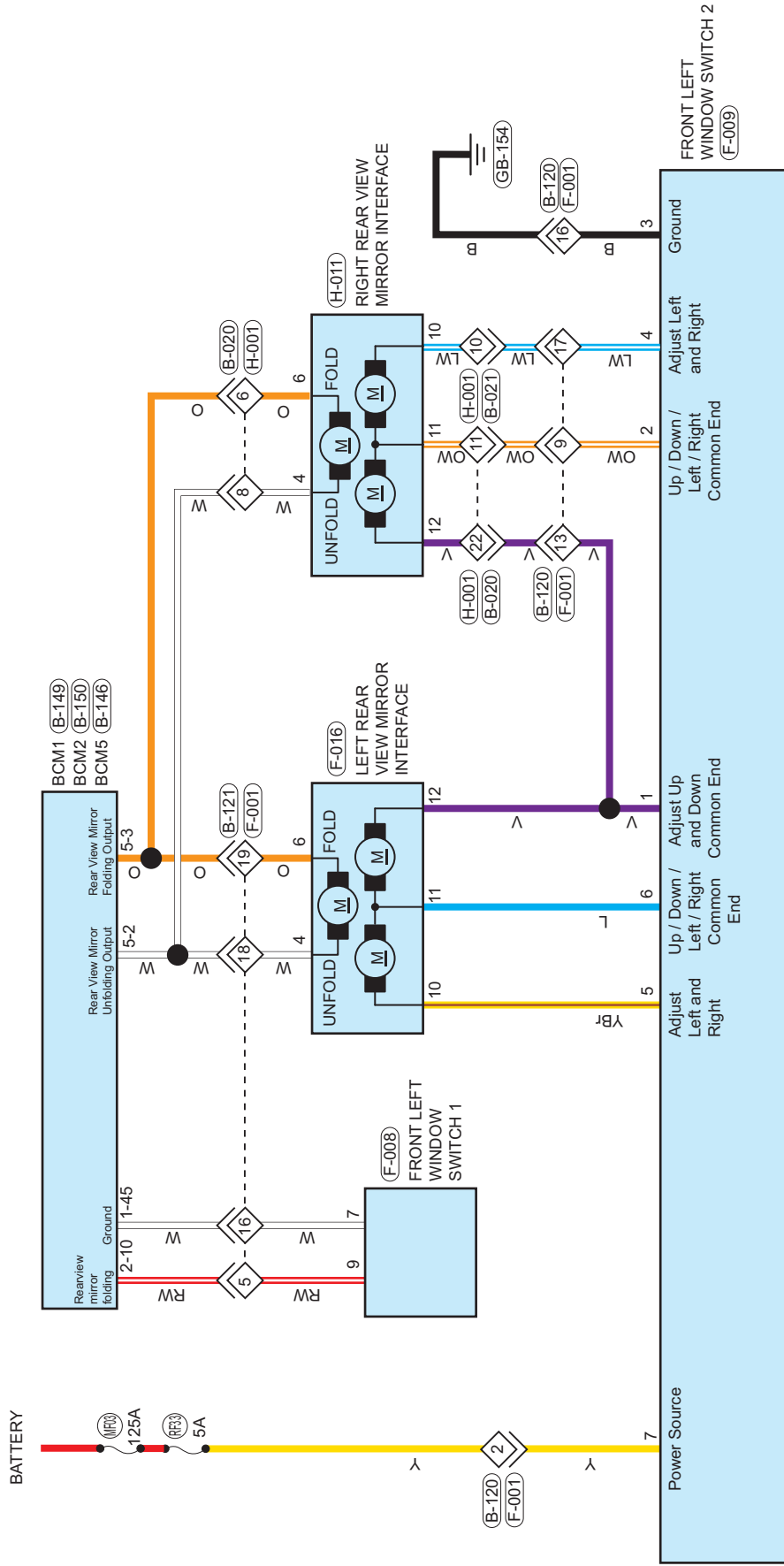
Parking Radar Assist System



EWD052001



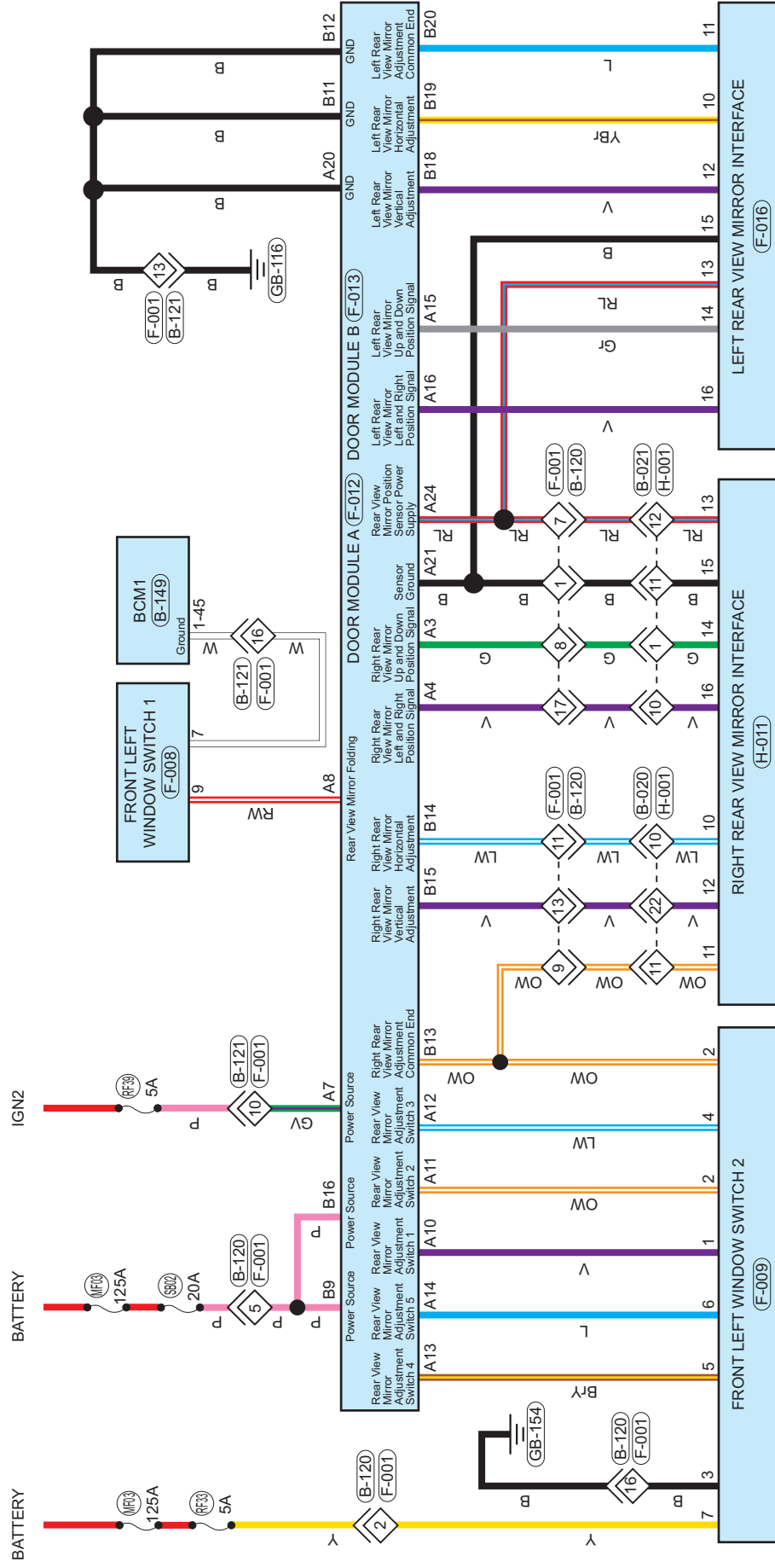
Rear View Mirror (StarElite, StarHonour 4WD)



EWD053001



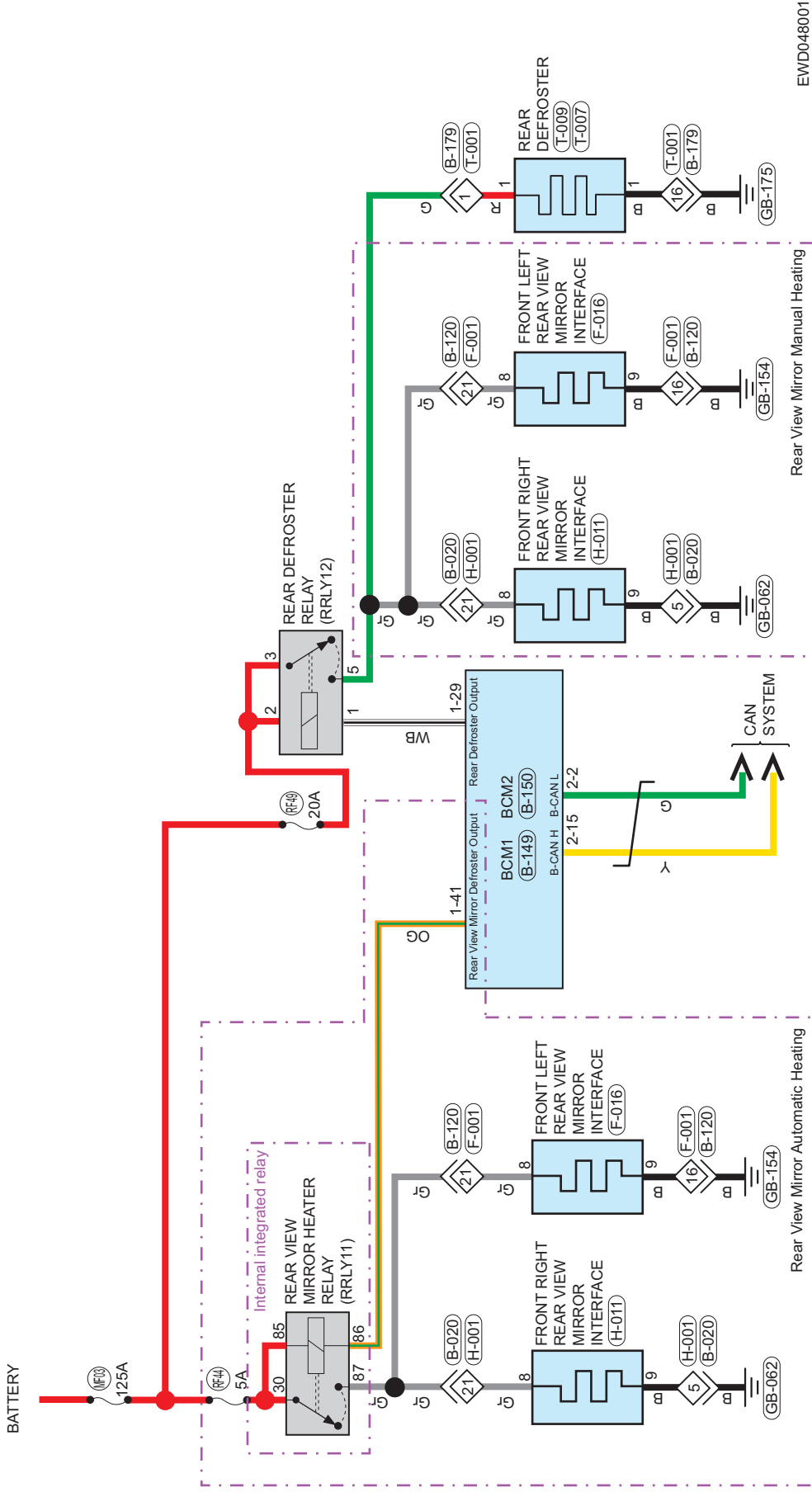
Rear View Mirror (StarCare, StarCare 4WD)



EWD054001



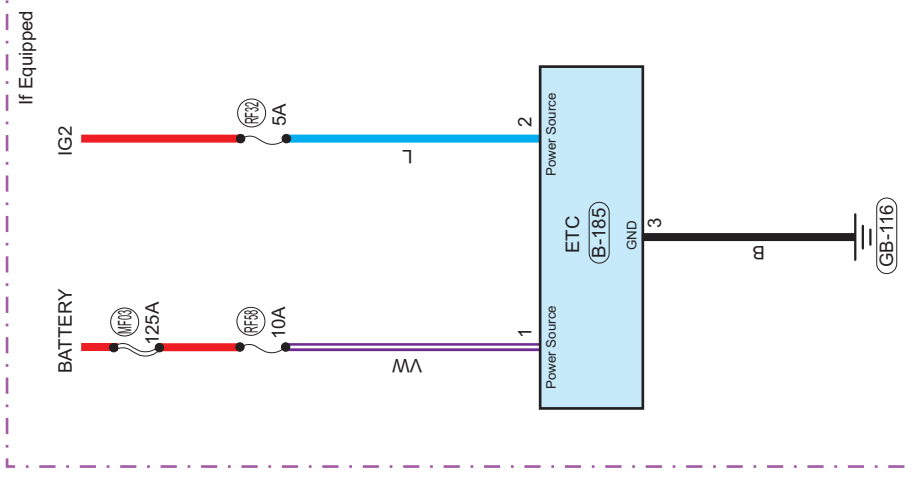
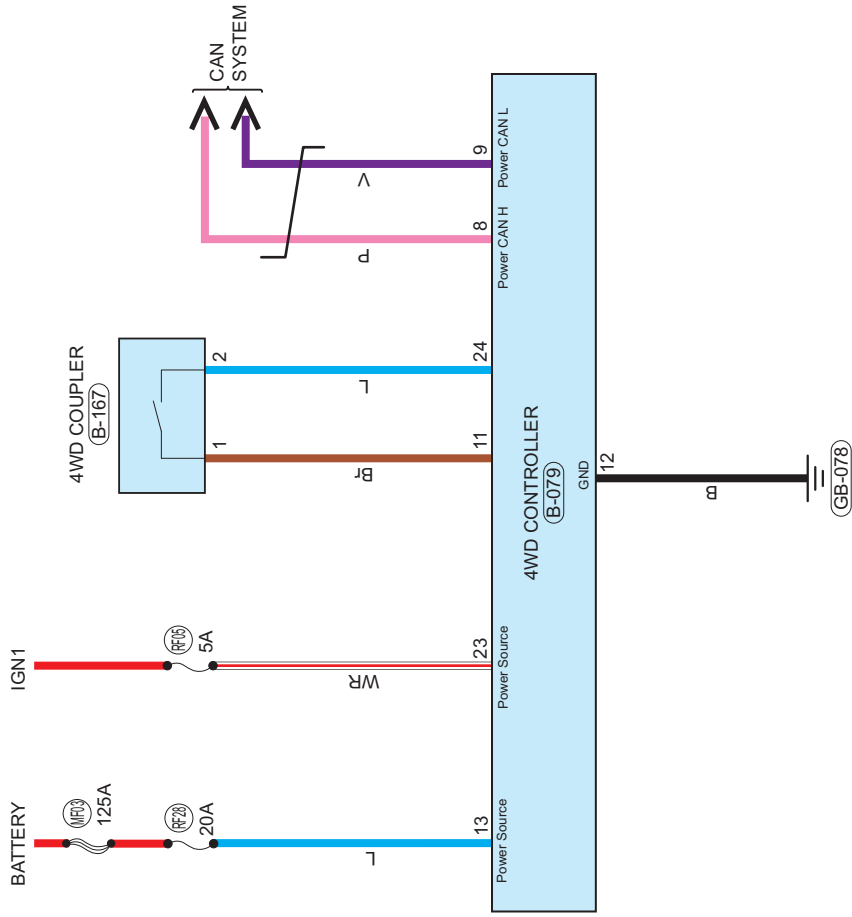
Rear View Mirror Heating / Rear Defroster



EWD048001



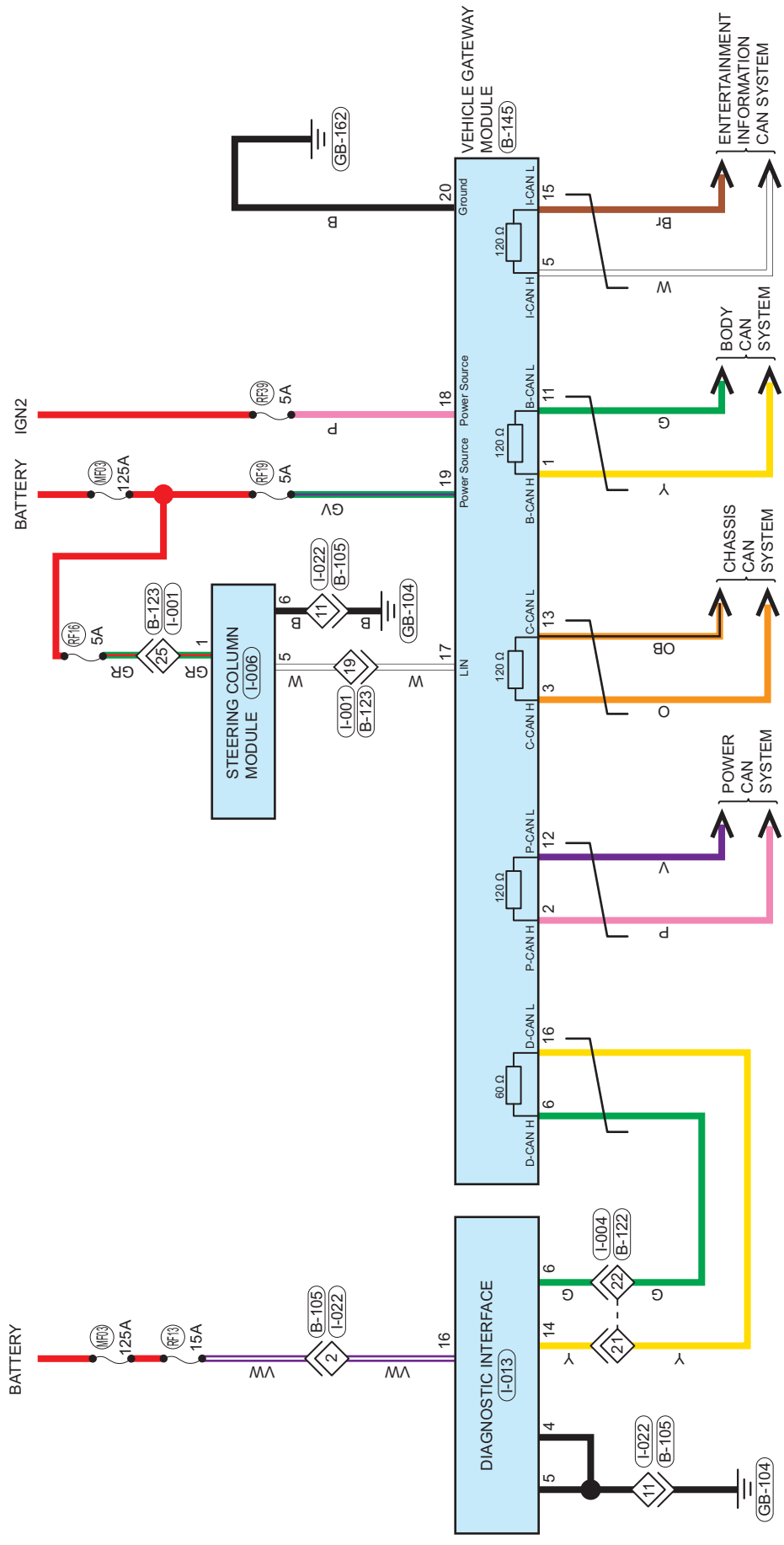
4WD System / ETC



EWD068001



Diagnostic Interface / Central gateway (CGW)



EWD055001



CAN System

