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1 1. CIRCUIT OVERVIEW

1.1 1.1 OVERVIEW AND CIRCUIT GUIDE

1.1.1 1.1.1 OVERVIEW

DESCRIPTION

This circuit diagram manual includes: Circuit Guide, Fuse and Relay Allocation, Ground Point Allocation, System Circuit Diagrams, Control Unit Layout, Harness Layout, Connector Terminal Definitions, Mating Connector Location Distribution, and Harness Structure Diagram.

This manual divides the electrical components on the vehicle into system circuit diagrams according to their configured functions.

All circuit diagrams are presented with the switches in the OFF position. When diagnosing and troubleshooting vehicle faults, it is necessary to understand the circuit operation of the faulty part (see the "System Circuit Diagram" chapters), the power supply that powers this circuit (see the "Power Distribution" chapter), and the grounding points (see the "Ground Distribution" chapter).

Refer to the "System Overview" section of this vehicle's Service Manual to understand the circuit operation.

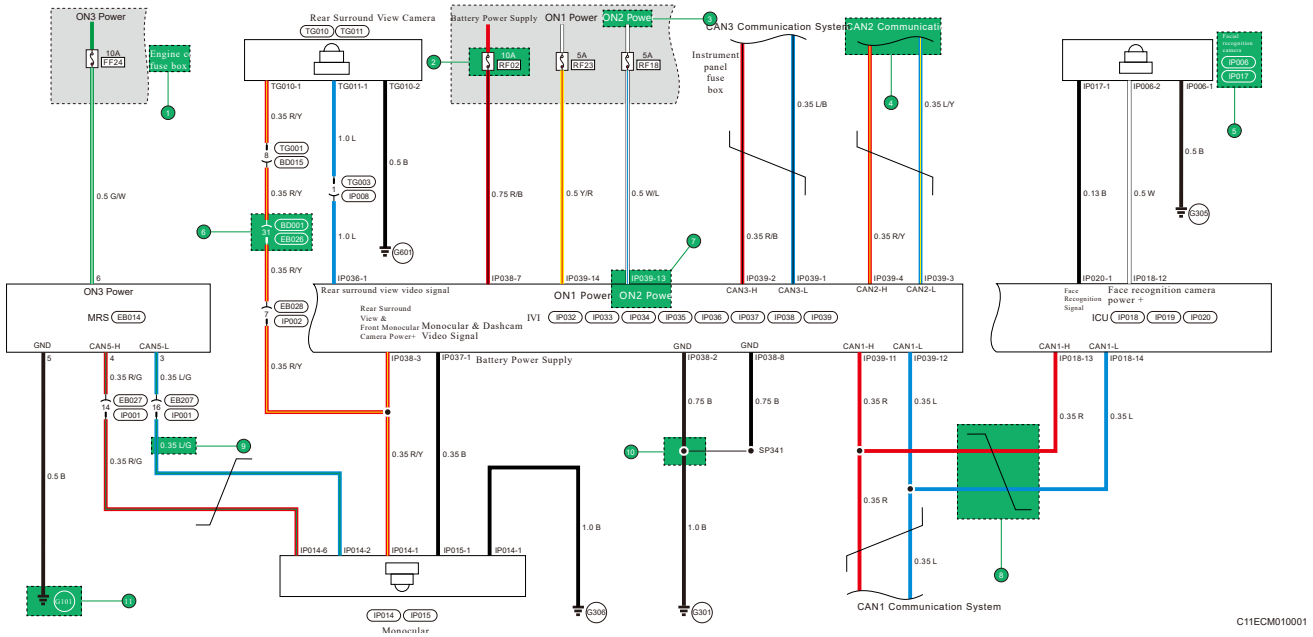
The wiring related to each system is only shown in the system circuit diagram to reflect the connector and pin connection relationships, and does not indicate the actual length of the connecting wires. If you need to find connection information, please refer to the corresponding system circuit diagram in this manual.

When any failure occurs in the system circuit, it is first necessary to understand the working principle of the circuit (refer to the system circuit diagram), then understand the power supply situation (refer to the power distribution section), and finally understand the circuit location information (refer to the wiring harness layout diagram and connector terminal definitions). Only by understanding the working state of the entire system circuit can you analyze and solve practical problems based on the failure phenomenon (based on the relays, control units, electrical equipment, connectors between wiring harnesses, sensors, switches used in the system, the grounding points of the circuit, the location of electrical connectors, and the wiring harness layout diagram).

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1.1.2 1.1.2 CIRCUIT GUIDE

1.2.1 CIRCUIT DIAGRAM EXAMPLE AND DESCRIPTION



1.2.2 Circuit diagram interpretation

Serial No.	Description
1	Indicates a fuse box in the vehicle.
2	Indicates that it is at position 2 of the instrument panel fuse box (refer to the electrical box for fuse positions), with a rated current of 10A.
3	The battery power supply is a constant power line, generally provided directly from the battery positive terminal. The ON1 power is directly supplied by the smart cockpit host (similar to the ACC gear of a traditional car key), the ON2 power is output by the smart cockpit host controlling an external relay (similar to the IG gear of a traditional car key), and the ON3 power is output by the smart cockpit host controlling an external relay (similar to the start gear of a traditional car key).
4	Indicates that this section links to a different system circuit diagram. For detailed information, refer to the linked system circuit diagram.
5	Plug connectors IP006/IP007 represent the plug codes for the facial recognition camera. The installation location and pin definitions of the plug can be found on the wiring harness where it is located (some electrical components may have multiple plug connectors).
6	The mating connector BD001 EB026–31 indicates that pin 31 of connector BD001 of the floor harness is connected to pin 31 of connector EB026 of the engine compartment harness.

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Serial No.	Description
7	Pin numbering and function definition of electrical components.
8	This circuit is a twisted pair, primarily used for sensor signal circuits or data communication circuits.
9	"0.35" indicates that the cross-sectional area of the wire is 0.35mm², and "L/G" indicates that the base color of the wire is blue with a green stripe.
10	Indicates a wire splice point. Wires passing through the same splice point are connected by thin solid lines instead of wires, and several wires passing through the same splice point are interconnected.
11	The grounding point code can be used to find the installation position of the grounding point on the vehicle and the involved electrical components. For details, please refer to the grounding point location distribution diagram and the grounding point assignment diagram.

1.2.3 Wire color code definition

Abbreviations	Chinese Name	Figure
B	Black	
Br	Brown	
R	Red	
O	Orange	
Y	Yellow	
G	Green	

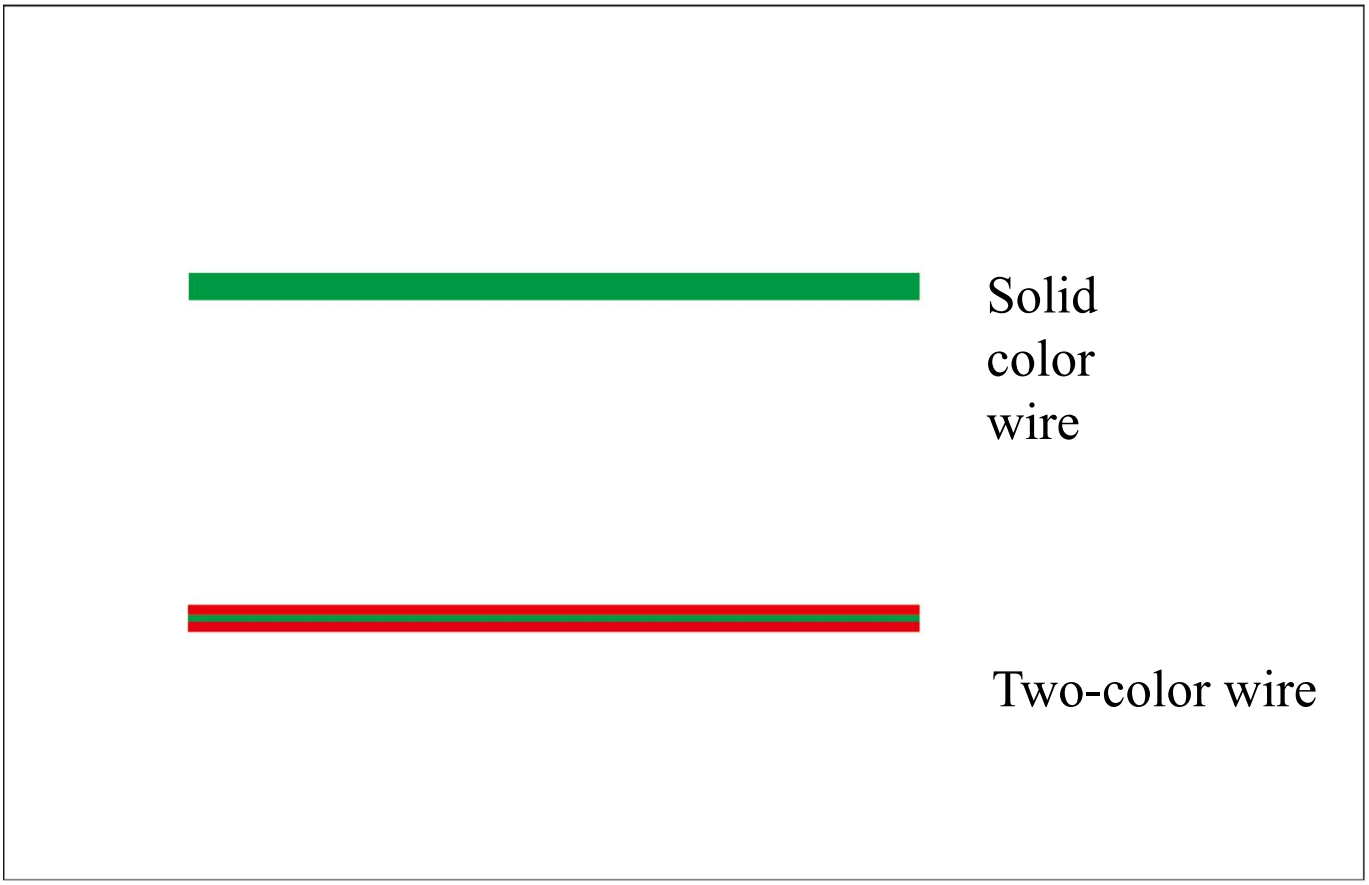
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Abbreviations	Chinese Name	Figure
Lg	Light green	
L	Blue	
V	Purple	
Gr	Gray	
W	White	
P	Pink	
Sb	Azure Blue	

NOTE

- The above table is the correspondence table for monochrome code definitions.
- If the wire is dual-color, the previous color is defined as the primary color, and the latter color is defined as the secondary color. For example: R/L indicates that red is the primary color and blue is the secondary color.

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1.2.4 Grounding point description

In the system circuit diagram, the ground point number defines the grounding of lead wires from electrical components or devices.

NOTE

For detailed grounding point instructions, please refer to "BDG02 (page 105)”。

1.2.5 Power Supply Status Description

Based on the different power supply statuses of the vehicle, the numbers of the power supply lines are defined as:

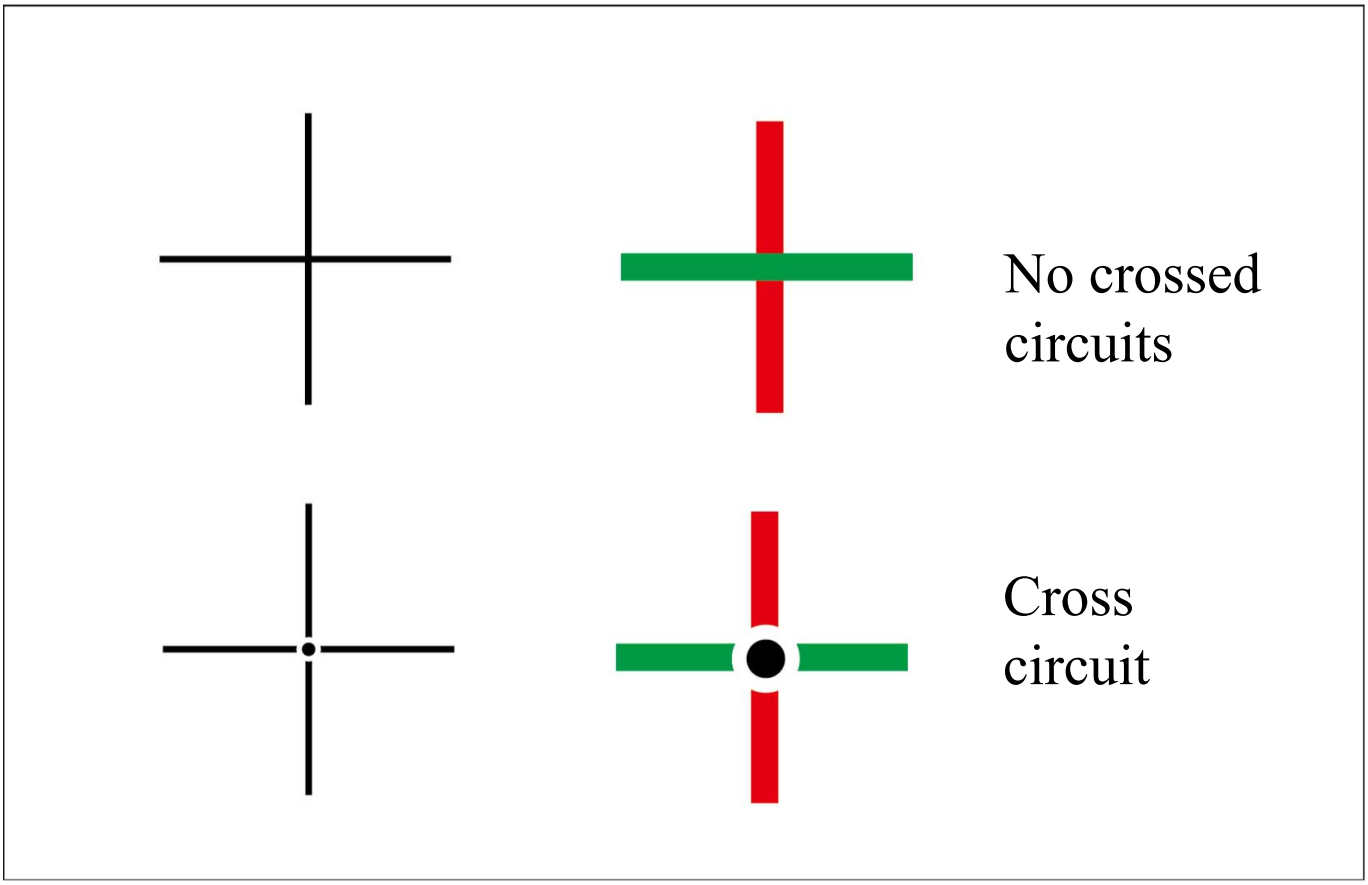
- BAT: Battery power supply.
- ON1: This represents the state where the remote key has unlocked the vehicle but the vehicle has not been entered. The intelligent cockpit host controls the output of ON1 power supply to relevant systems or electrical devices.
- ON2: Indicates that the remote key has unlocked the vehicle and entered the interior state, the vehicle has successfully identified and authenticated the driver, the vehicle is not started, and the smart cockpit host controls the ON2 relay to output the ON2 power supply to the relevant systems or electrical components.
- ON3: Indicates that the vehicle is started, and the smart cockpit host controls the ON3 relay to output ON3 power to the relevant systems or electrical devices.

NOTE

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For detailed description of power supply status, please refer to "2.3 Engine Compartment Fuse Box Power Distribution (page 64)”。

1.2.6 Cross-circuit junction description



1.2.7 Fuse Box (Fuses and Relays) Description

Based on the different power supply statuses of the vehicle, the numbers of the power supply lines are defined as:

1. This vehicle is equipped with 4 fuse boxes:
   - Battery fuse box
   - Engine compartment fuse box;
   - Instrument panel fuse box
   - Floor fuse box;
2. The fuse box cover is marked with the name and rated current of each fuse and relay.
3. The fuse and relay numbers are composed of the fuse or relay alphanumeric code and a digital serial number.

Fuse Description

Code	English interpretation	Function Description
MF	Engine compartment fuse box	Indicates a fuse in the engine compartment fuse box, such as the i nstrument panel fuse box power fuse MF01.

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Code	English interpretation	Function Description
SF	Engine compartment fuse box	Indicates the fuse in the engine compartment fuse box, such as the main relay 1 fuse SF01.
FF	Engine compartment fuse box	Indicates the fuse in the engine compartment fuse box, such as the BMS ON2 power fuse FF04.
RELY	Engine compartment fuse box relay	Represents a relay in the engine compartment fuse box, such as the horn relay RELY2.
SB	Instrument panel fuse box	Indicates the fuses in the instrument panel fuse box, such as the seat controller BAT power fuse SB05.
RF	Instrument panel fuse box	Indicates the fuses in the instrument panel fuse box, such as the shift power supply fuse RF01.
SD	Floor fuse box	Indicates the fuses in the floor fuse box, such as the seat controller power fuse SD01.
DF	Floor fuse box	Indicates the fuses in the floor fuse box, such as the power liftgate power fuse DF06.

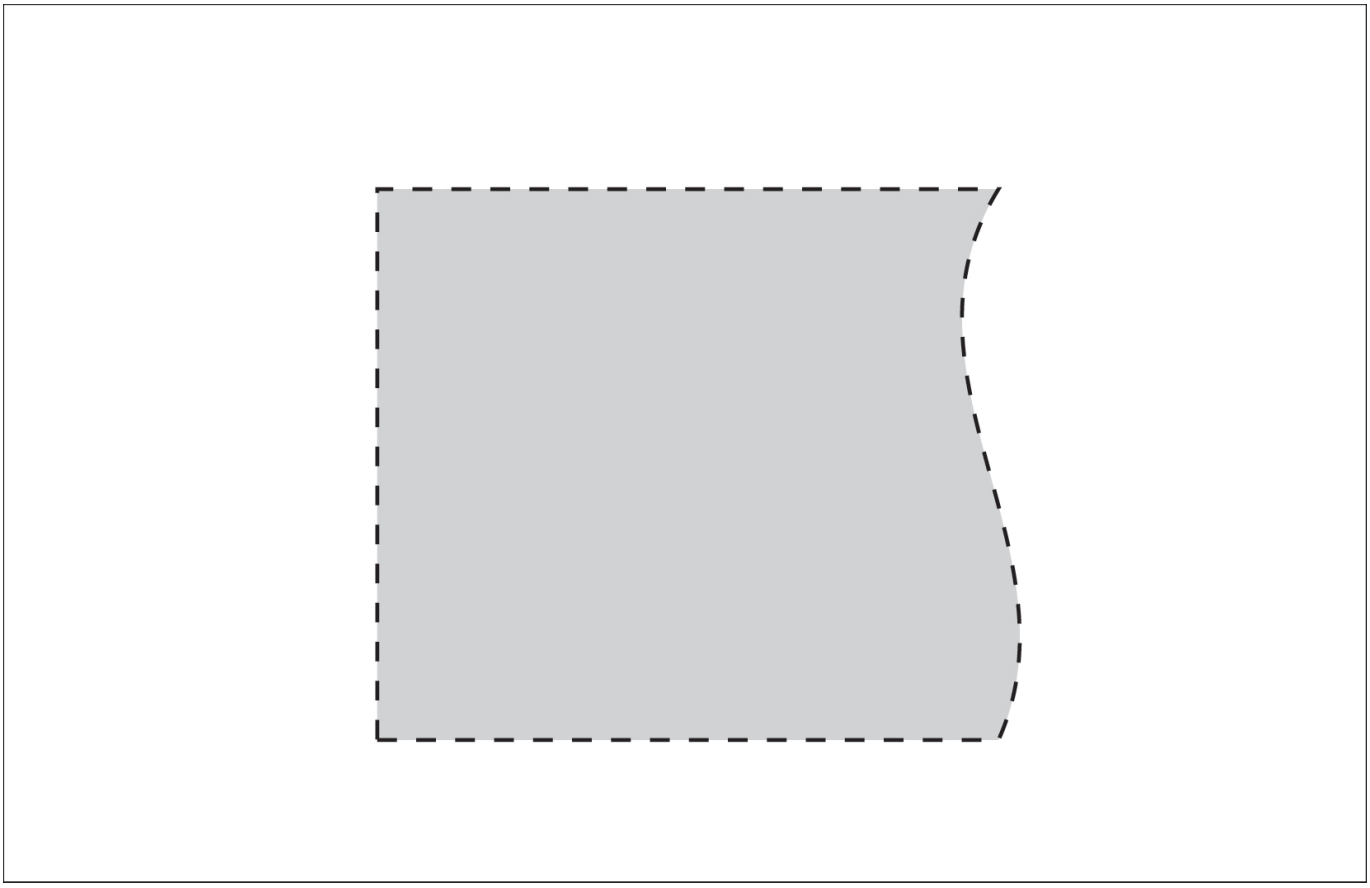
NOTE

For detailed information on fuses and relays, please refer to "2.1 Engine compartment fuse box (page 54)”。

1.2.8 Representation of the fuse box

The dashed box with gray fill represents the fuse box.

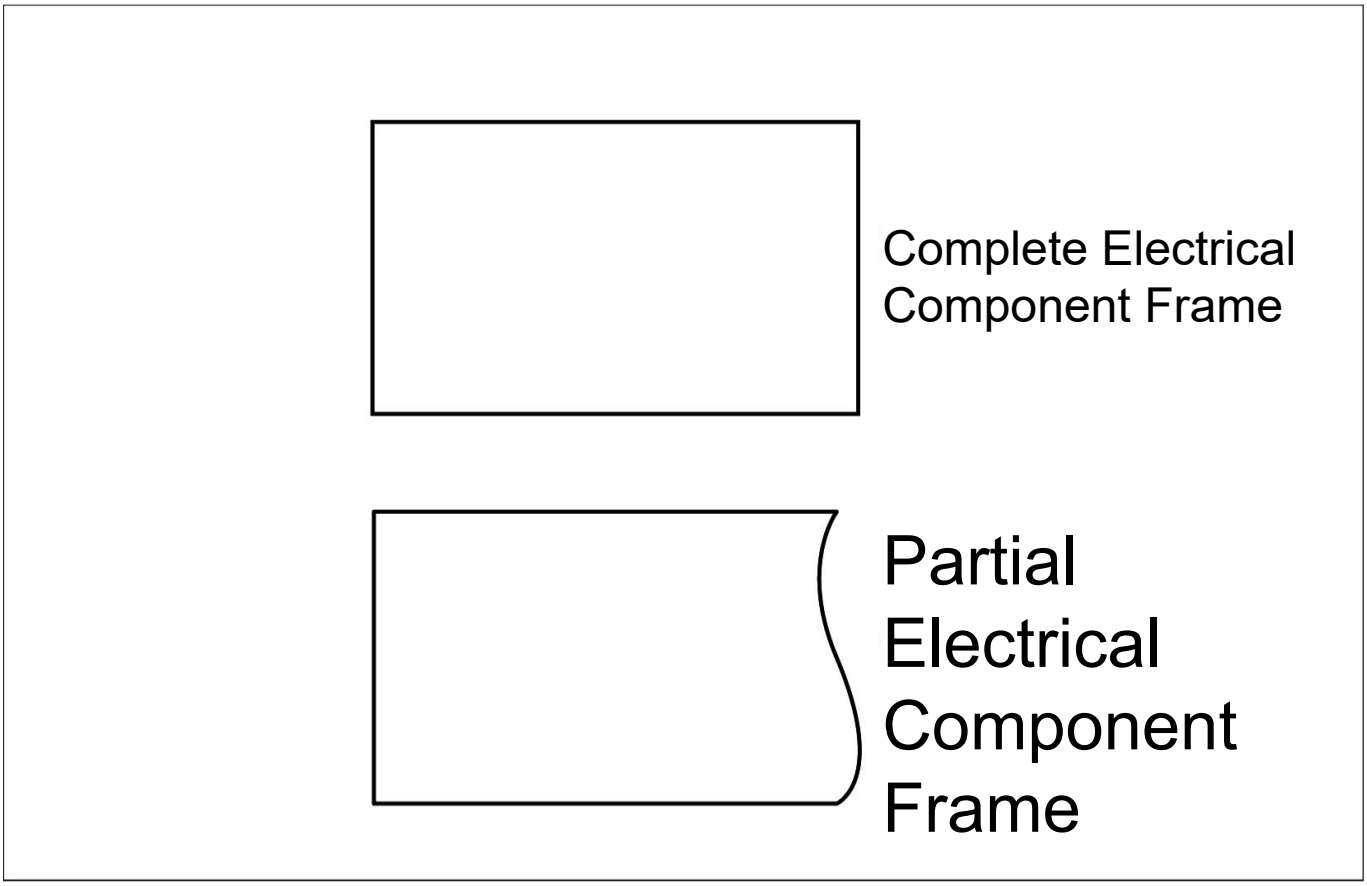
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1.2.9 Description of electrical component frame

If all pins of an electrical component are shown in the system circuit diagram, they are indicated by a complete solid line frame; otherwise, they are indicated by a partial solid line frame.

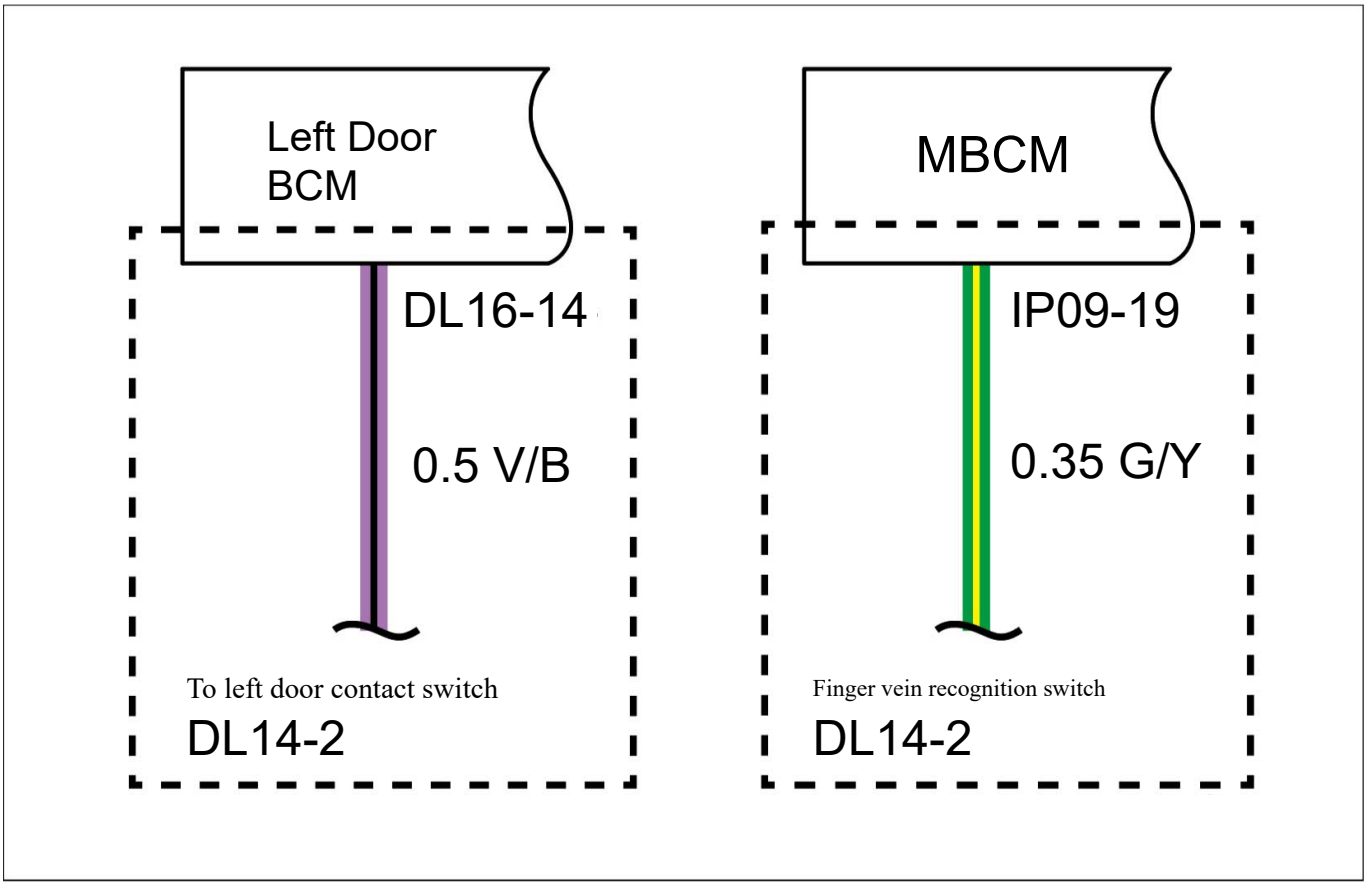
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1.2.10 Description of dashed box

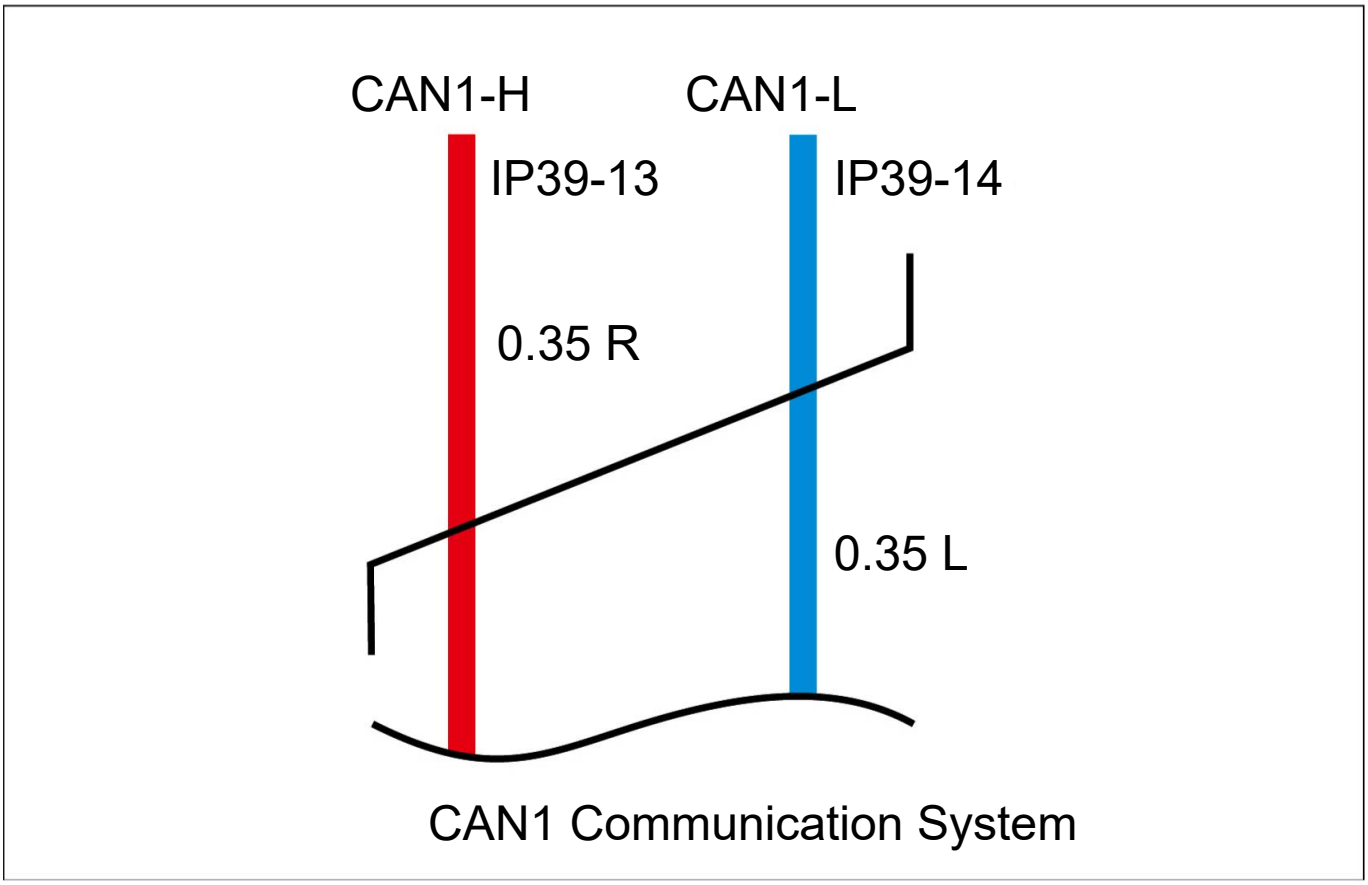
If the relevant circuit designs differ due to different vehicle models or configurations, they are indicated by dashed frames in the wiring diagram, and descriptions are added inside the frames.

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1.2.11 Representation of twisted pair

Mainly used for sensor signal circuits and CAN data communication circuits, as shown in the figure:



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1.2 1.2 CIRCUIT DIAGNOSTIC EQUIPMENT AND PROCEDURES

1.2.1 1.2.1 CIRCUIT DIAGNOSTICS PROCEDURE

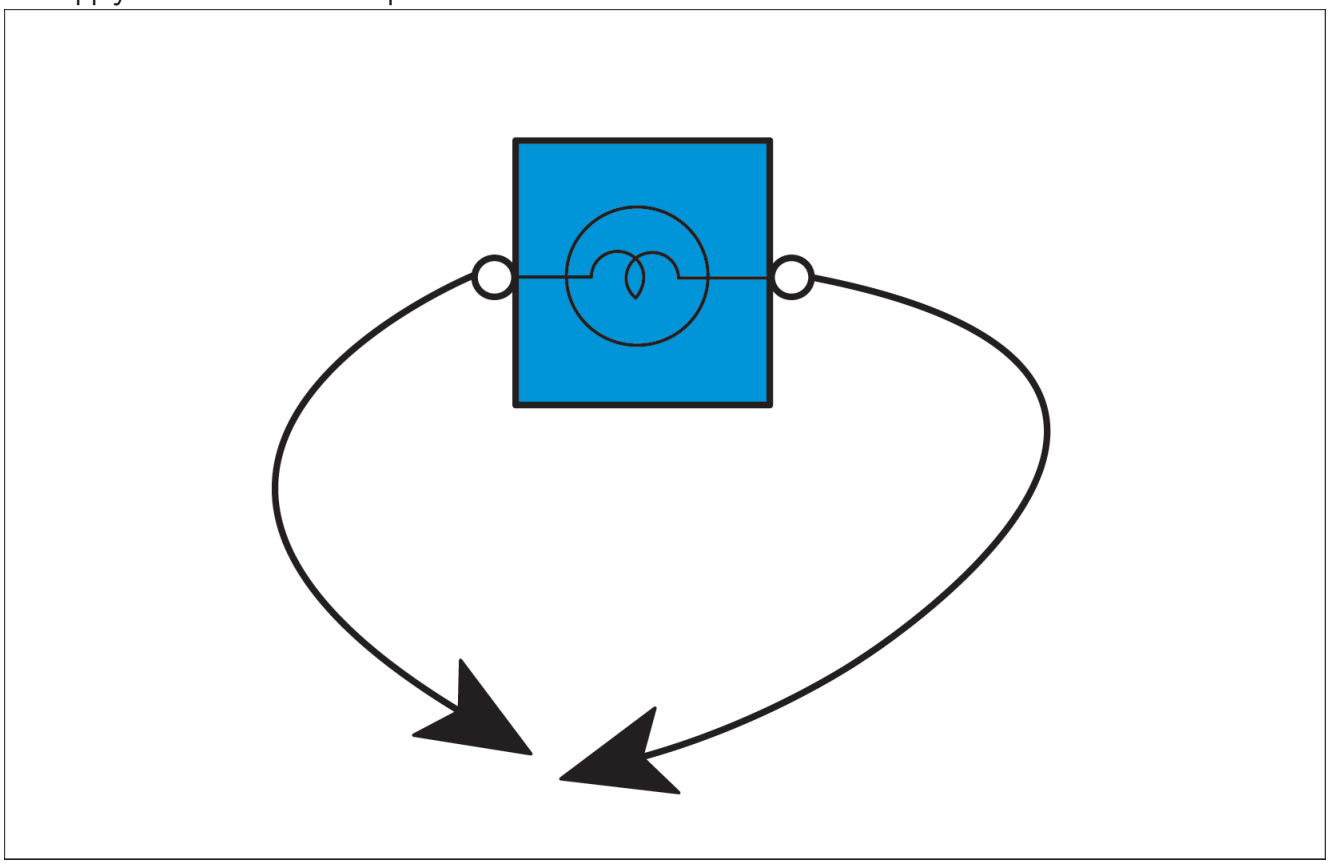
1. Confirm the fault phenomenon
   - Listen to the customer's description of the fault occurrence, reproduce the fault, and record the corresponding symptoms. Do not disassemble before determining the cause of the fault.
2. Circuit Analysis
   - Refer to the circuit diagram of the faulty sub-system in the circuit diagram manual and the circuit description of that sub-system. Based on an understanding of the circuit's operating principle, test the entire sub-system circuit from power supply to ground to determine the fault point. If the fault point cannot be determined, it is necessary to test other circuits that are shared with the faulty sub-system circuit, such as circuits shared by fuses, grounds, and switches in the circuit diagram. If the shared circuits are working normally, the fault is in its own system circuit. If several shared circuits are faulty, there may be a fault in the fuse or ground.
3. Circuit and Electrical Component Inspection
   - When performing circuit inspections, refer to the inspection procedures for circuits and electrical components in the service manual. Fully utilize the diagnostic scan tool to check electrical components. Combine this with the fault diagnosis process in the service manual, and start the inspection from the most likely cause and the electrical components that are easiest to check.
4. Troubleshooting
   - Upon discovering a fault, perform the necessary repair work. Refer to the circuit diagram and the description of fault handling methods in the repair manual. For example: ground point repair, connector terminal repair.
5. Verify that the circuit is working properly
   - After maintenance work is completed, recheck the system circuits to confirm that the fault has been eliminated. If it is a blown fuse fault, check all circuits that share the fuse.

> ⚠ WARNING
>
> - Pure electric vehicles contain high voltage. Improper operation during use or maintenance may lead to safety accidents such as electric leakage or electric shock, causing harm to the human body or the vehicle. Therefore, it is essential to perform inspection or maintenance in the correct sequence.
> - Before inspecting or repairing high-voltage wiring harnesses or components, the high-voltage power supply must be disconnected.
> - Before inspecting the high-voltage system, always wear insulated protective equipment.

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1.2.2 1.2.2 CIRCUIT DIAGNOSTIC EQUIPMENT

1. Voltmeter and Test Lamp
   - The schematic diagrams of the plug terminals in the circuit diagram are uniformly explained based on the view direction. A test light or a voltmeter can be used to check the circuit status and check for voltage. The test light consists of a pair of wires and a 12V bulb. During inspection, one wire is grounded, and the other wire is connected to a measurement point. If the bulb lights up, it indicates that there is a power supply at the measurement point.

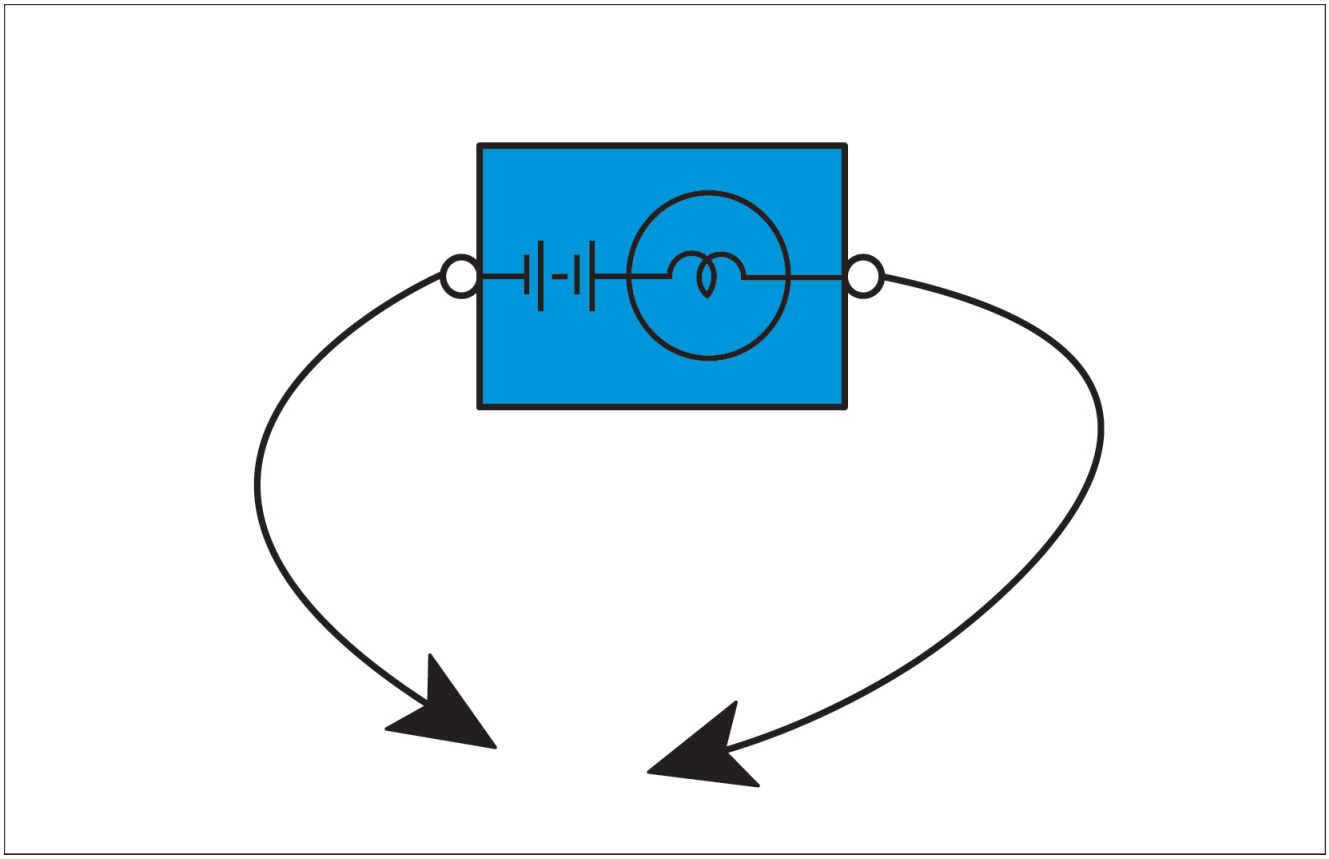


WARNING

- Pure electric vehicles contain high voltage. Improper operation during use or maintenance may lead to safety accidents such as electric leakage or electric shock, causing harm to the human body or the vehicle. Therefore, it is essential to perform inspection or maintenance in the correct sequence.
- The usage of the voltmeter is the same as that of the test light, except that the voltmeter can also display the current voltage. When using a voltmeter to detect voltage, a high-impedance voltmeter should be used. In the case of poor contact in the wire connection, the voltage displayed by the voltmeter is normal, but this voltage cannot successfully drive the load to work normally.

2. Self-powered test light and ohmmeter
   - Use a test light with a 12V power supply or a resistance meter to check the continuity of the circuit. The test light with a power supply consists of a bulb, a battery, and two wires. The bulb lights up when the two wires are connected. Before testing, disconnect the negative terminal of the battery and remove the fuse of the circuit. Use the two wires of the test light to connect to both ends of the circuit to be tested. During the check, if the test light lights up normally, the circuit is properly conducting.

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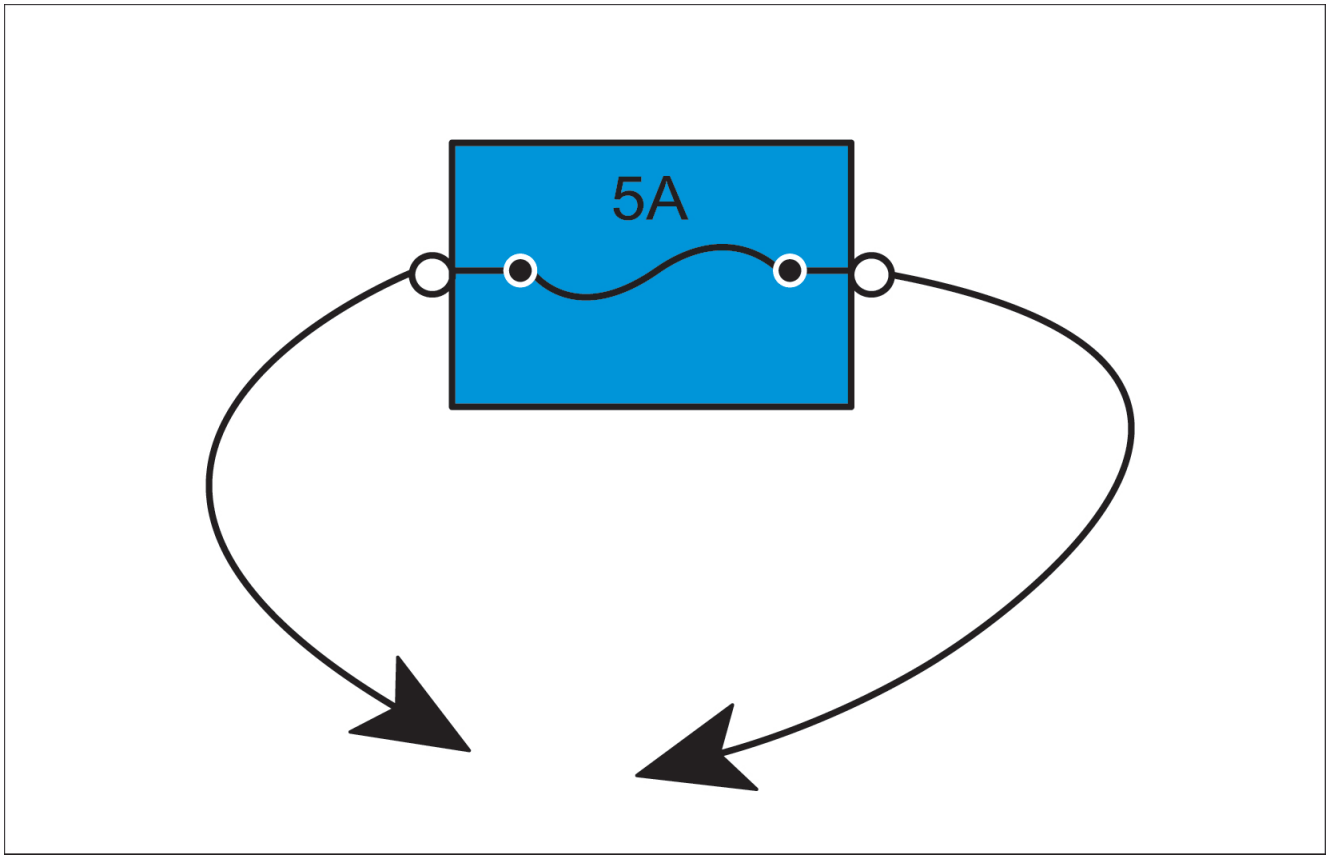


WARNING

- When checking the module circuit, it is prohibited to use a test lamp with its own power supply, as this will damage the internal circuit of the module. A digital ohmmeter with an internal resistance of 10MΩ or higher must be used for checking. The usage method of the ohmmeter is the same as that for voltage, but the ohmmeter can display the current resistance value. A lower displayed resistance indicates better continuity.

3. Fused jumper wire
   - When checking an open circuit (line break), it is necessary to use a jumper wire to determine the break point. A jumper wire is a tool used in series with the wire under test.

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WARNING

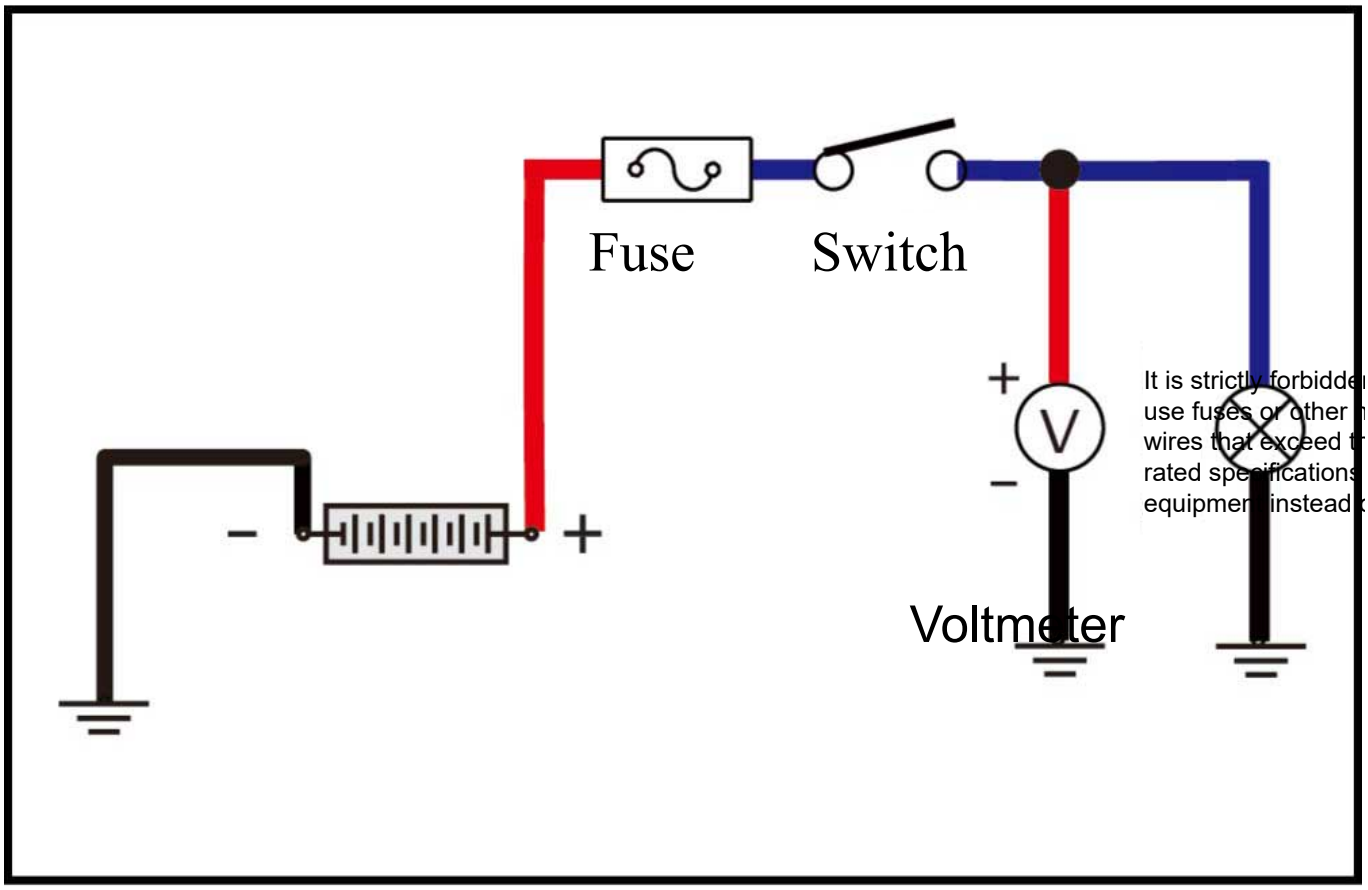
- To protect the circuit under test, it is forbidden to use a fuse with a larger rated capacity than the circuit to check the relevant circuit. It is forbidden to use a jumper wire to replace the input or output signal when the module is connected in the circuit (for example: the smart cockpit host). This will damage the internal circuit of the module.

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1.3 1.3 TROUBLESHOOTING AND REPAIR

1.3.1 1.3.1 CIRCUIT INSPECTION

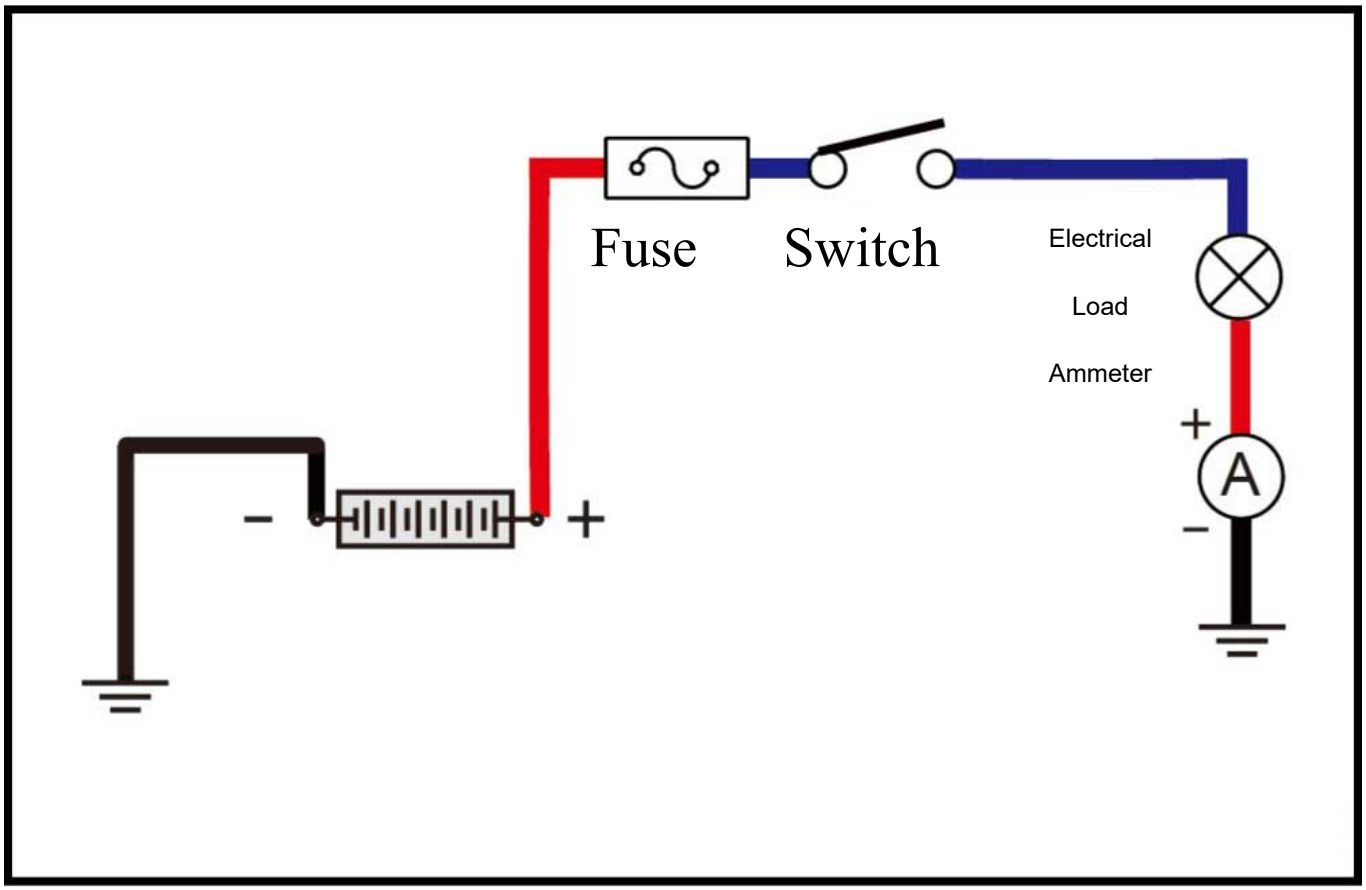
1. Measure voltage



- For the multimeter or voltmeter, use the red test lead for the voltage/ohm measurement jack and the black test lead for the circuit jack.
- Set the function selection switch of the multimeter or voltmeter to the DC voltage range.
- Connect the test pen (the polarity of the test pen can be interchanged).
- Read the voltage value on the multimeter or voltmeter display.

2. Measuring current

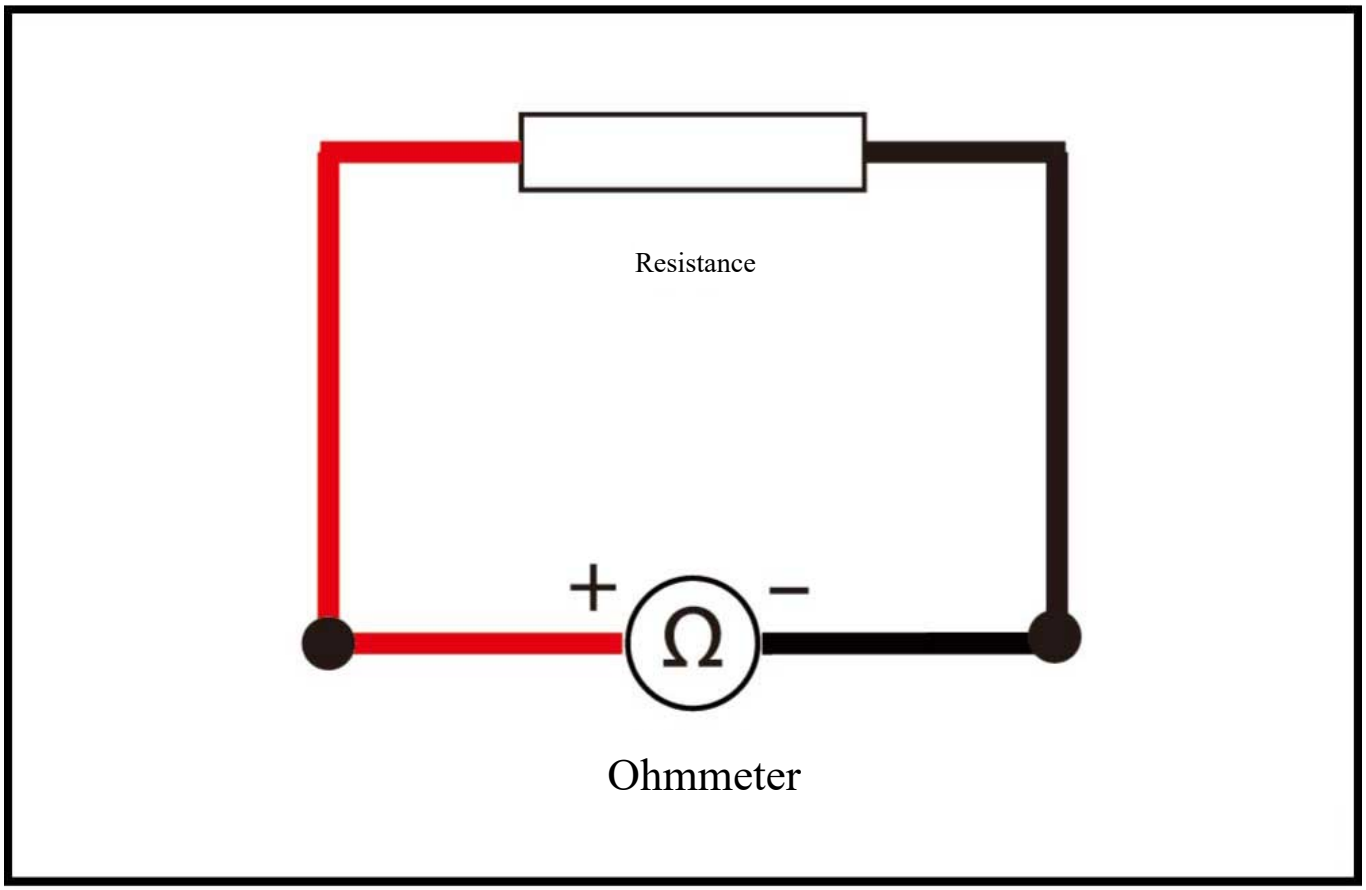
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- For the multimeter or ammeter, insert the red test lead into the current measurement jack, and the black test lead into the common jack.
- Set the function selector switch of the multimeter or ammeter to the DC measurement setting.
- Connect the multimeter or ammeter in series in the circuit to be measured (with the red positive test lead on the high side of the circuit and the black negative test lead connected to the low potential side).
- Read the current value on the multimeter or ammeter display.

3. Measure resistance

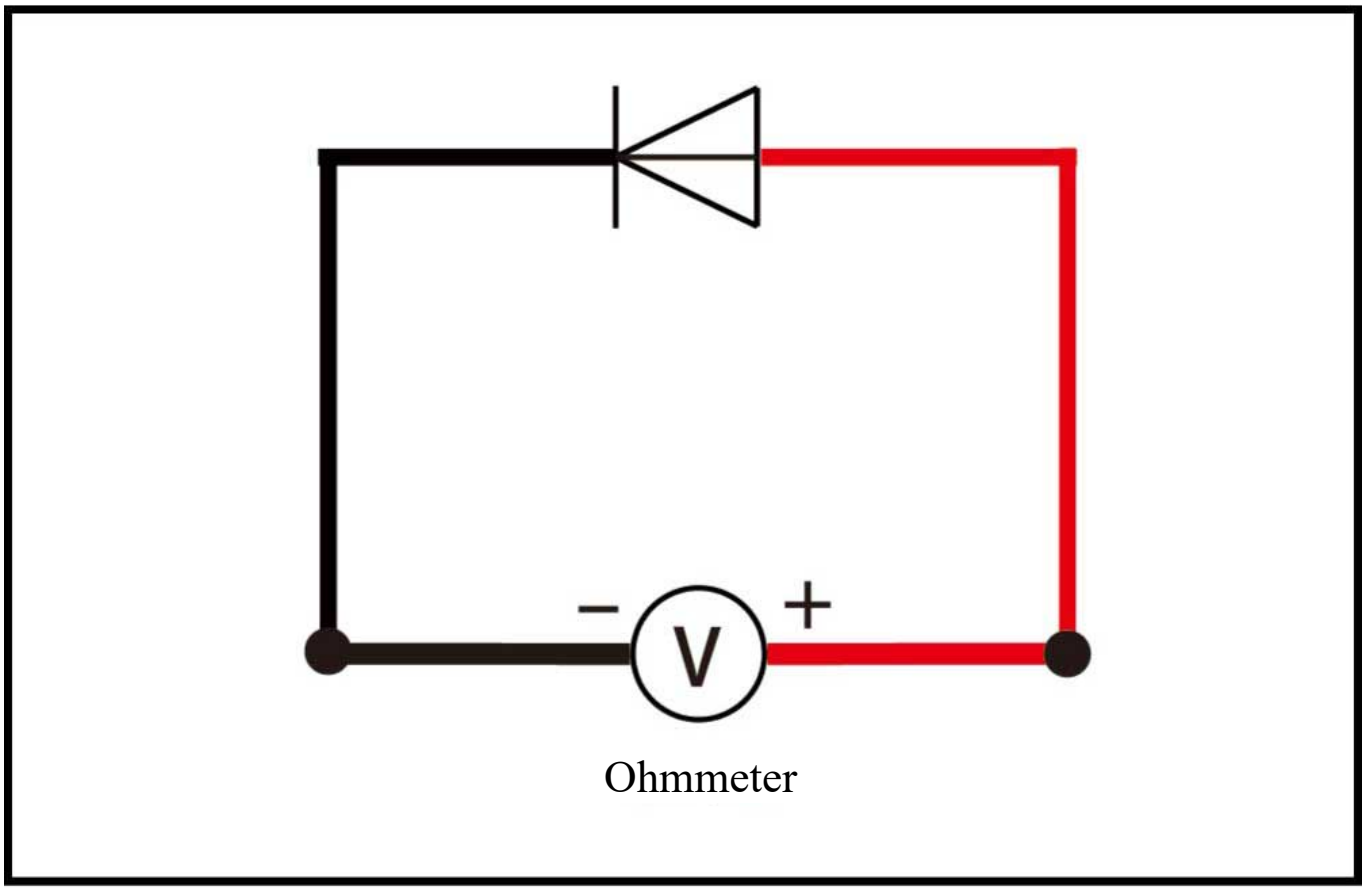
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- For the red test lead of the multimeter or ohmmeter, select the current/resistance measurement jack; for the black test lead, select the common jack.
- Set the function selector switch of the multimeter or ohmmeter to the ohm setting.
- Connect the test leads of a multimeter or ohmmeter to both ends of the resistor or coil to be measured, and measure its resistance (ensure the resistor or coil is not energized during measurement).

4. Diode measurement

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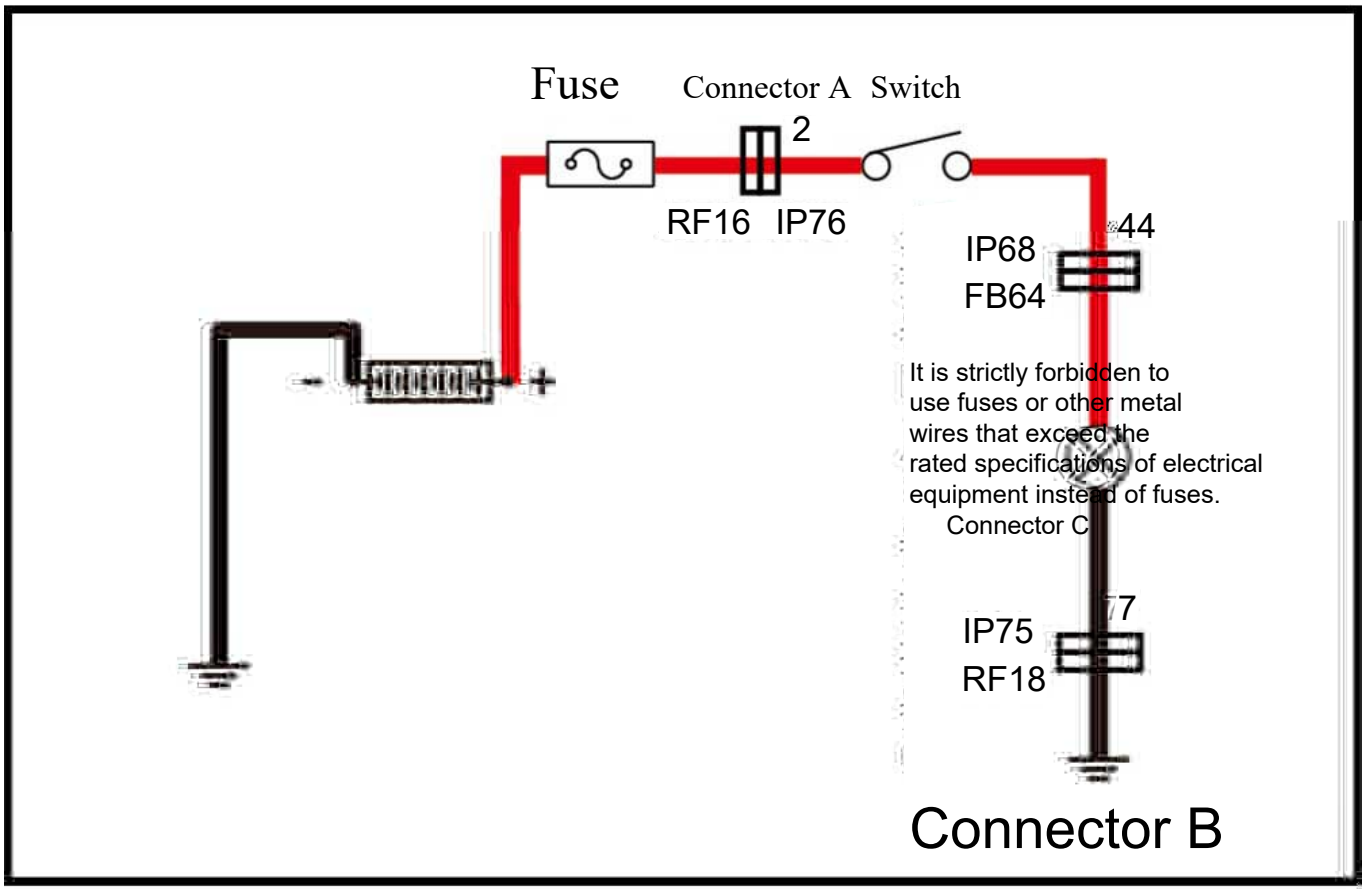


Ohmmeter

- For the multimeter or ohmmeter, select the current measurement jack for the red test lead and the circuit jack for the black test lead.
- Set the function selection switch of the multimeter or ohmmeter to the diode measurement position.
- Check the continuity on both sides of the diode. If the diode conducts in one direction and does not conduct after swapping the test probes, the diode is good.
- If the diode conducts in both directions, the diode is broken down. If it does not conduct in either direction, it indicates that the diode is open circuit.

5. Troubleshooting (Electrical Device Malfunction)

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1. Use a test light to find the fault.
   - As shown in the circuit diagram, ground one end of the test light and test the other end on both ends of the fuse respectively. If the test light illuminates, it indicates that the fuse is not faulty.
   - At connector A, use a test light to create a circuit with the battery. If the test light illuminates, it indicates that connector A is fault-free.
   - At connector B, use a test light to establish a circuit with the battery. Turn on the circuit switch in the diagram and the test light turns on, indicating that connector A and the switch are free of obstacles.
   - At connector C, use a test light to create a circuit with the battery. Turn on the circuit switch in the diagram; the test light and the electrical device should work, indicating that connectors A, B, and the switch are unobstructed. Check the ground connection.
2. Use a multimeter to troubleshoot.
   - Set the multimeter function selector switch to the voltage test position.
   - Ground the black test lead of the multimeter.
   - As with the method of locating faults using a fault light, place the red test pen of the multimeter at each connection point in the circuit to measure the voltage.
   - Determine the fault point based on whether the multimeter displays voltage.

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1.3.2 1.3.2 CIRCUIT REPAIR

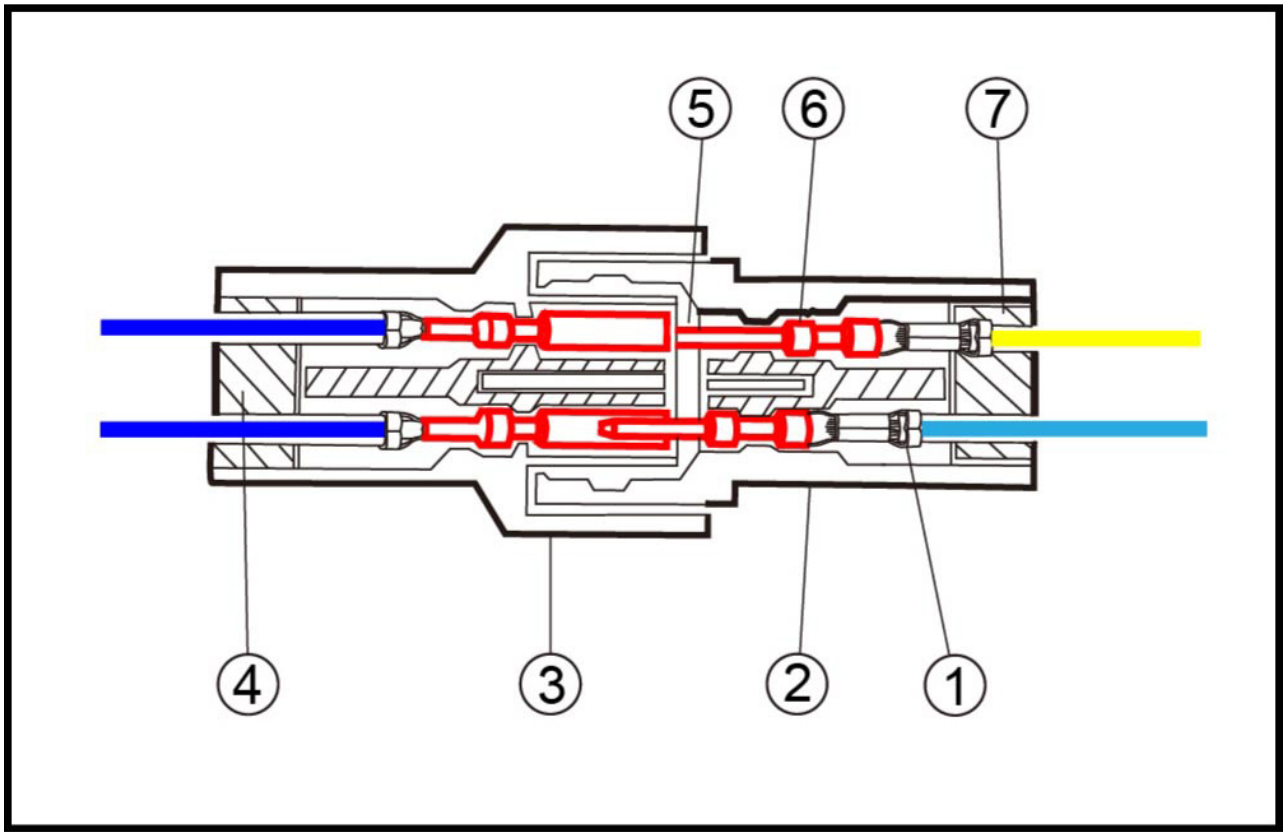
Wiring Harness Repair

WARNING

- The SRS terminal must not be removed or repaired. If the SRS terminal requires repair, replace the corresponding wiring harness.
- Inspect wiring harness and connector hidden issues
- Below are some common cases of intermittent faults caused by wiring harnesses, connectors, and connector issues. The problems are hidden and can only be found through actual measurement as shown in the figure.

1. Terminal not fully seated
   - 1= Lock
   - 2= Male connector
   - 3= Female connector
   - 4= Seal
   - 5. Intermittent contact
   - 6= Unlocked terminal (covered by seal)
   - 7= Seal

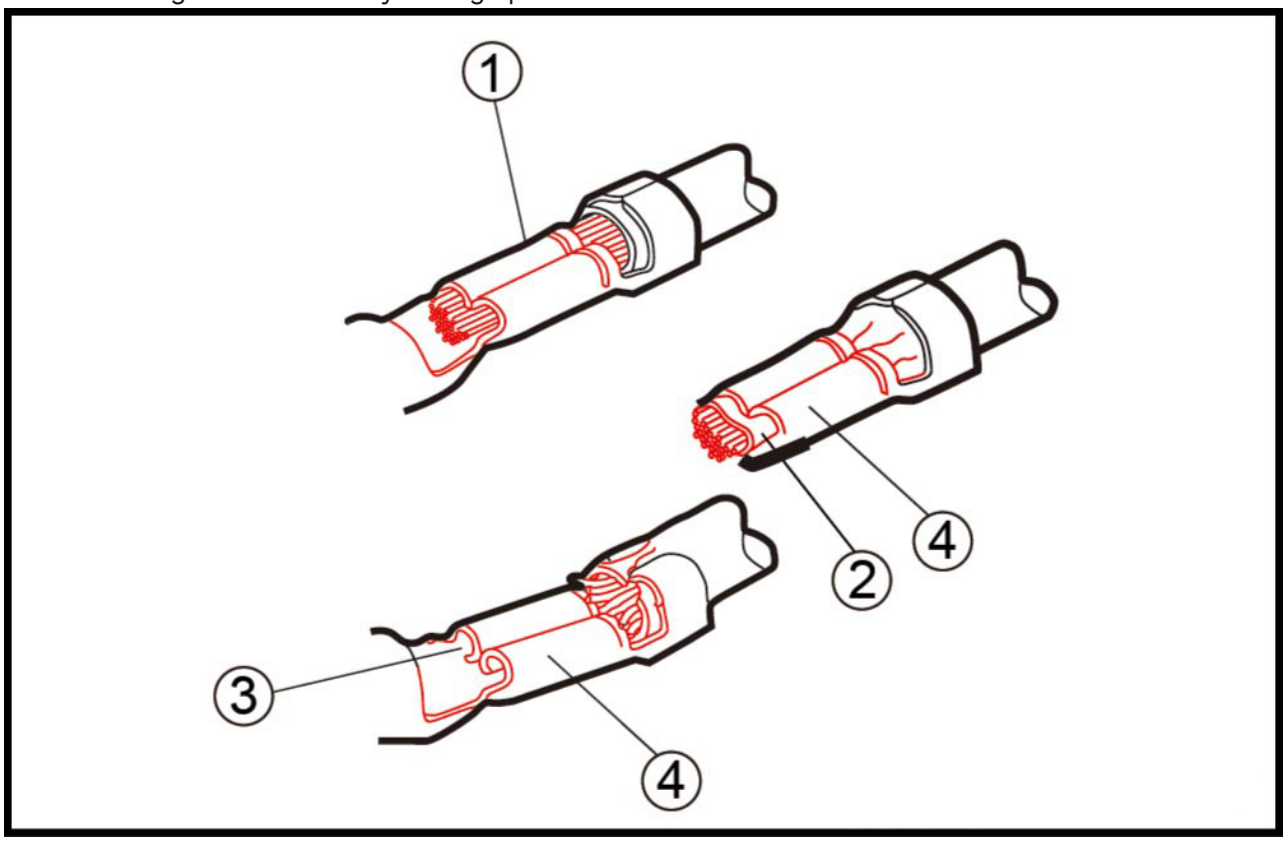
   Pull each wire at the connector end to check for any locked terminals.



2. Inadequate insulation stripping and cutting
   - 1= Proper crimping
   - 2 = Insulation incompletely removed
   - 3= Wire strand short board

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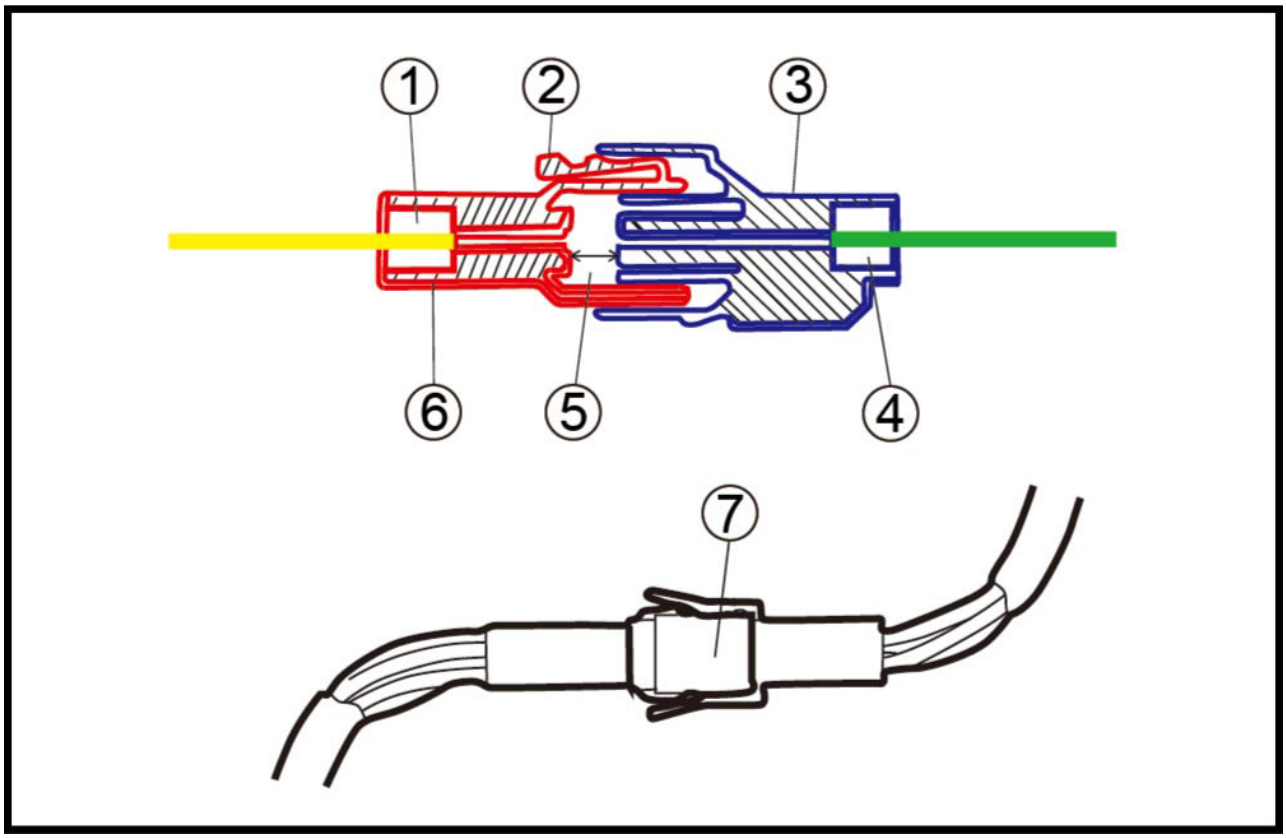
- 4= Transmit signal intermittently through pierced insulation



3. Plug not fully inserted
   - 1= Seal
   - 2= Locking tab not in place
   - 3= Female connector
   - 4= Seal
   - 5. Intermittent contact
   - 6= Male connector
   - 7= Intermittent contact

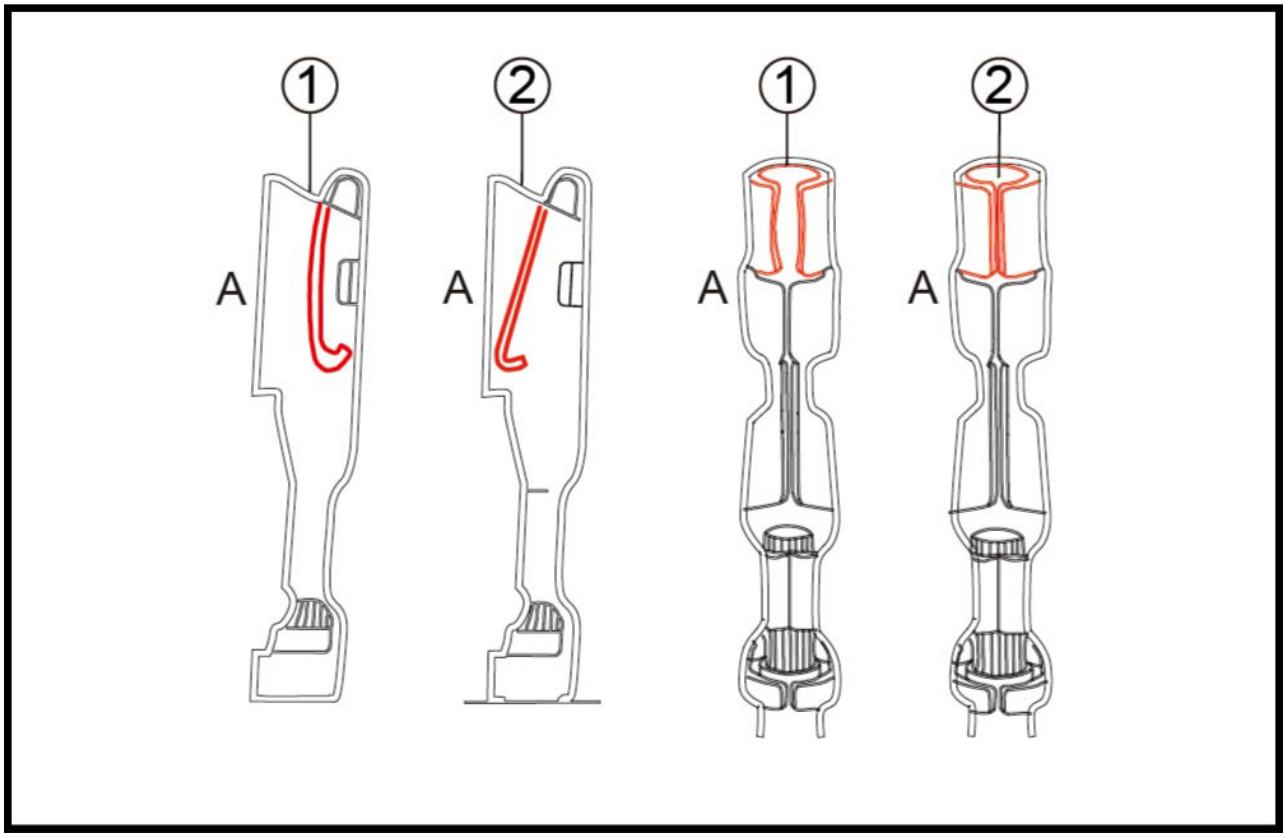
     The latch may not be fully locked. Pull on the connector to check if it is locked.

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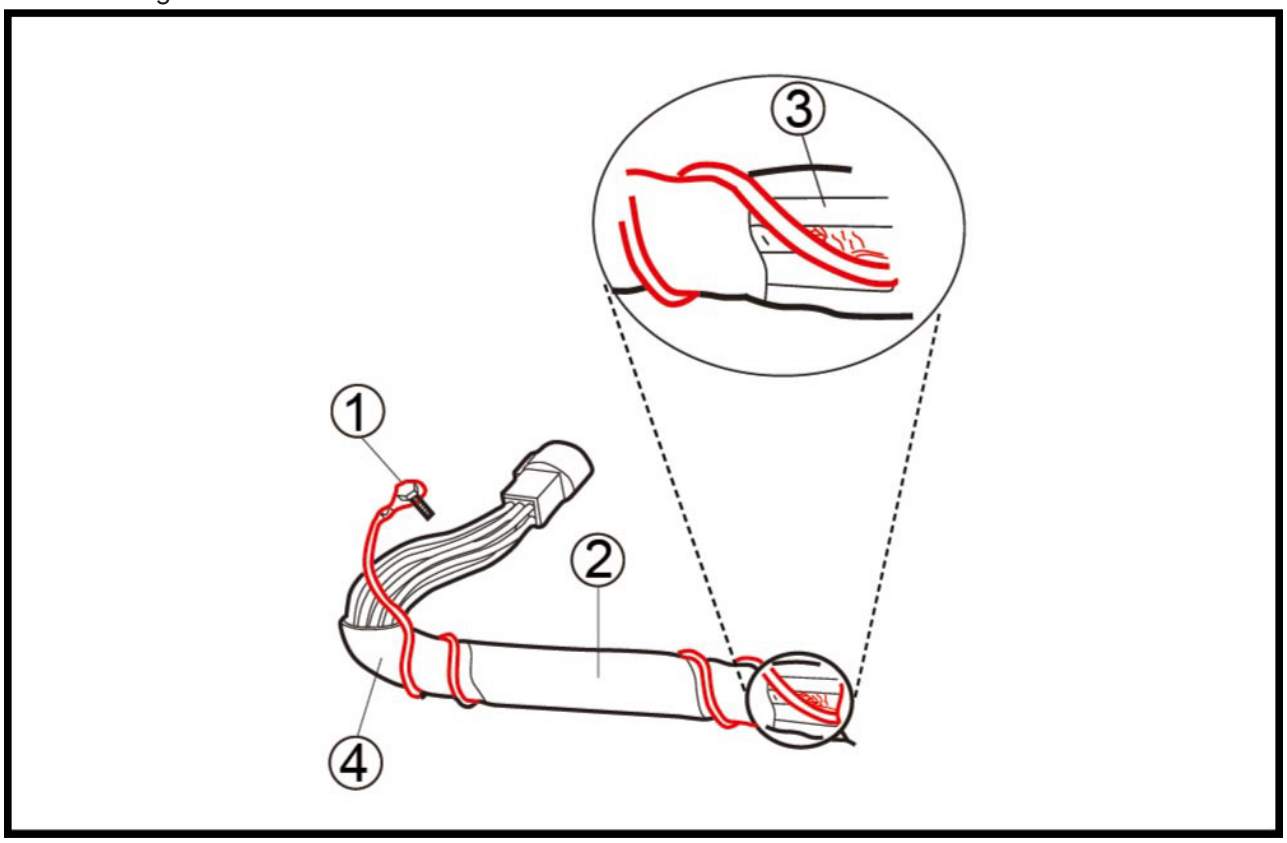
4. Female plug-in deformation (extension)
   - 1= Expand
   - 2=Normal

   Inserting any test probe into the terminal may cause the contact spring to expand, resulting in poor contact. Insert the correct matching terminal from the repair kit (position A) to check whether the fit is loose.



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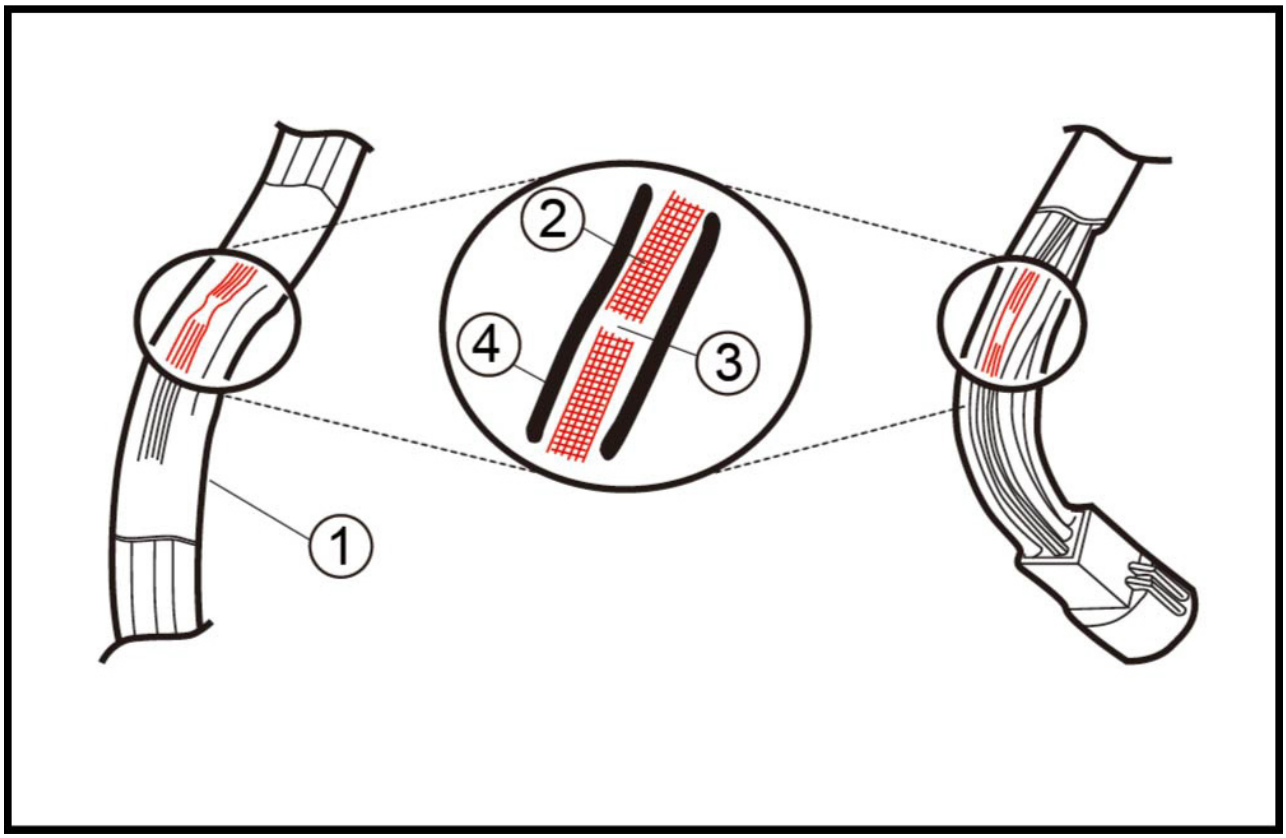
5. Internal short circuit in wiring harness
   - 1= Soldered ground wire
   - 2= Wiring harness tape
   - 3= Intermittent short circuit
     - The solder wire pierces the insulation of another circuit, causing an intermittent short circuit.
   - 4= Grounding foil



6. Broken wire strands in harness
   - 1= Wiring harness tape
   - 2= Wire strand
   - 3= Broken wire strands cause intermittent signal
   - 4= Wire insulation

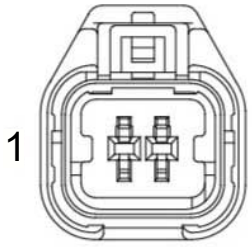
   Remove the wrapping tape and bend each wire to check whether the wire diameter is reduced at the break point.

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7. Wiring harness connector
   - The figure below shows the connector connected to the electrical appliance.
   - Above are the plug-in code, name, diagram, and pins.
   - Below is the connector pin description (connector pins and their definitions).

RB02 Rear right fog lamp



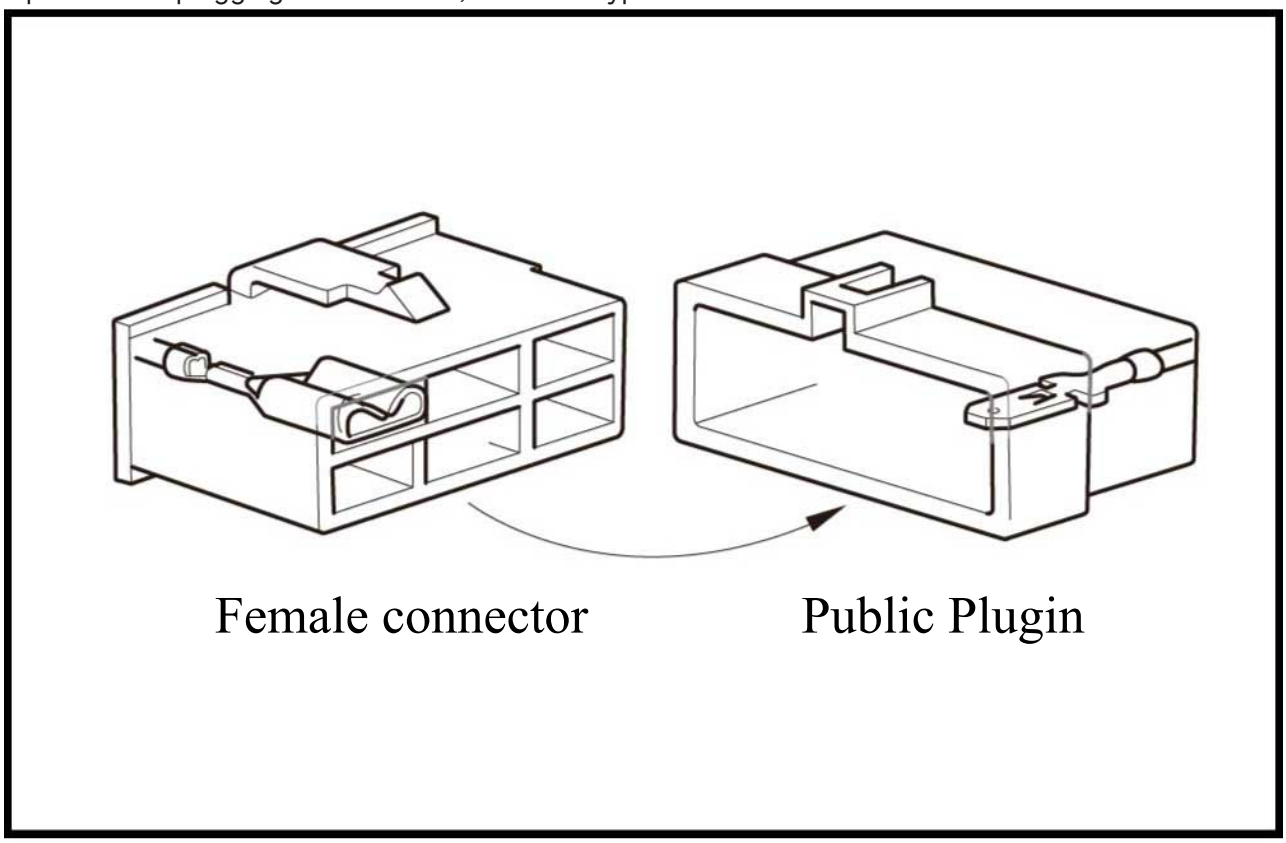
Pin	Wire diameter	Color	Description
1	0.35	Orange	Rear right fog lamp power
2	0.35	Black	Rear right fog lamp ground

Pedestrians in dark environments such as roads at night or inside tunnels.

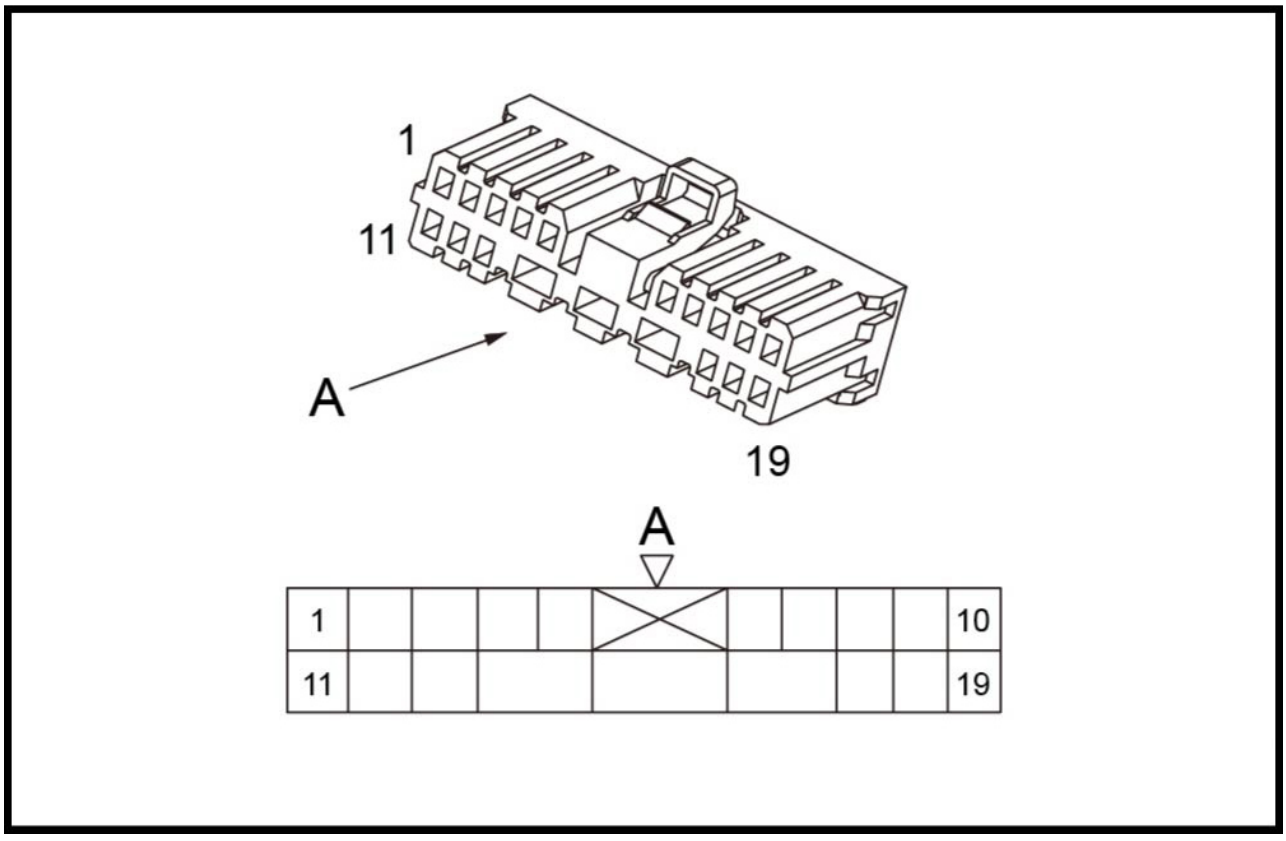
   - The figure below shows the connector of the wiring harness (actual product). When unplugging the connector, you must pull the connector body, not the wiring harness.

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- Tip: Before unplugging the connector, check the type of connector to be disconnected.

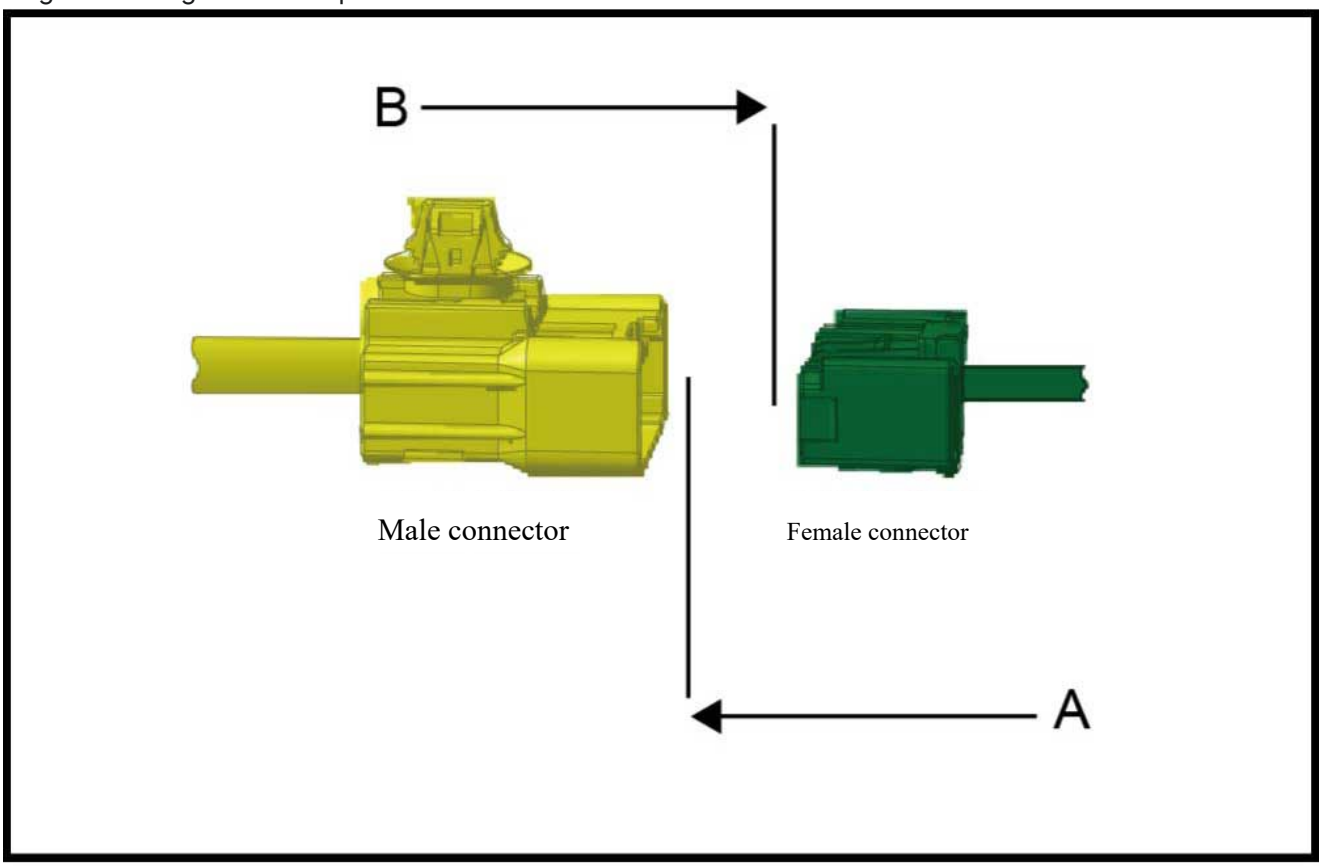


- The figure below shows View A of the connector terminal. When pulling out the connector terminal, you must pull the connector body, not the wiring harness.
- Note: The connector pin numbers are not necessarily the internal designations of the control unit or other devices.

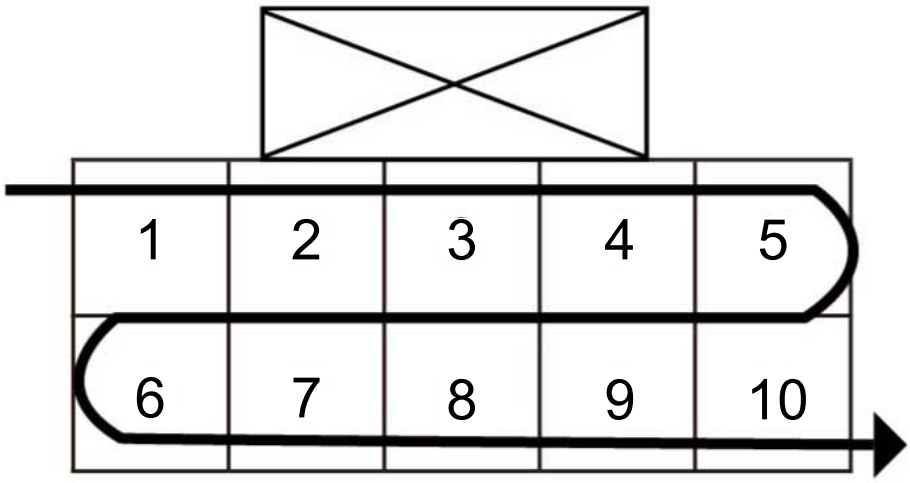


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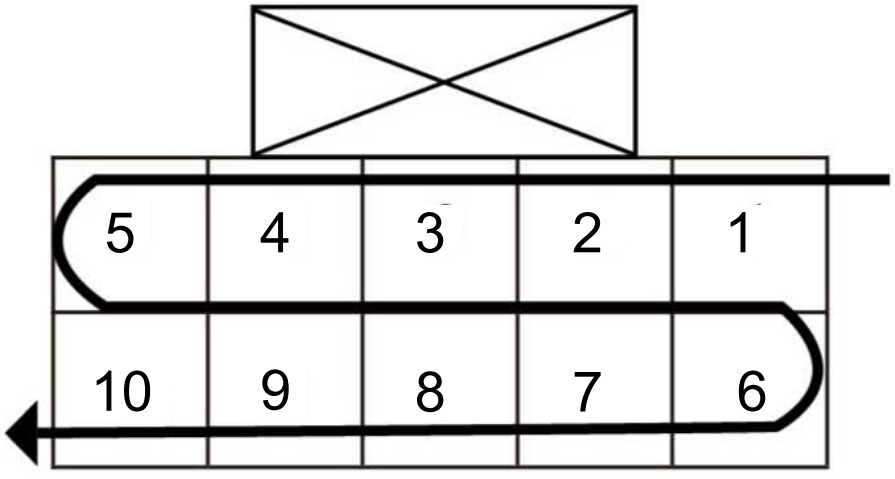
8. Plugin Mirroring Relationship



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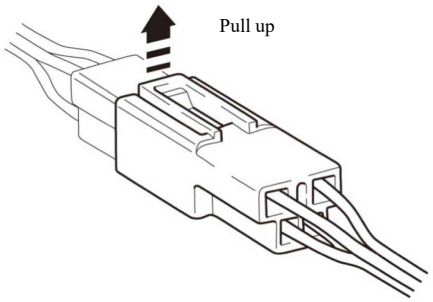
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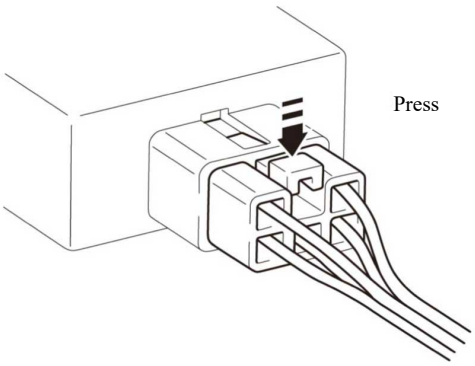
Check the steering wheel

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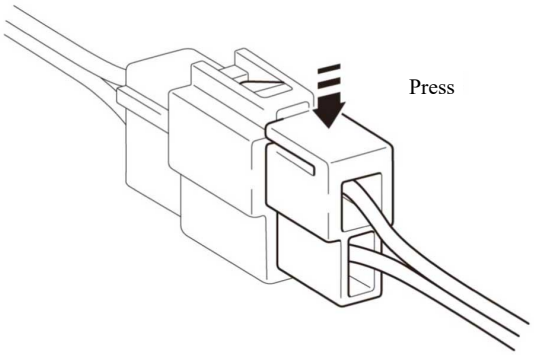
9. Common connector disconnection methods



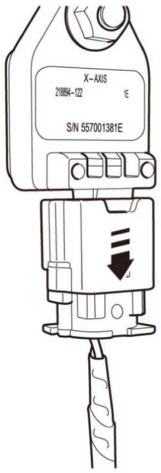
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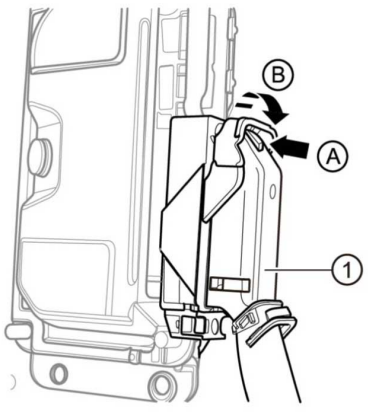
(2)



(3)



(4)



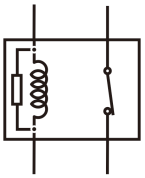
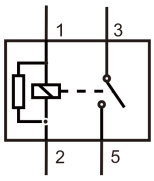
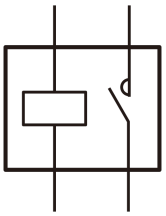
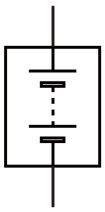
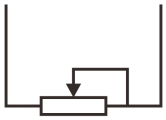
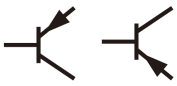
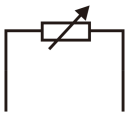
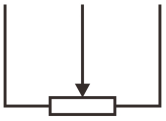
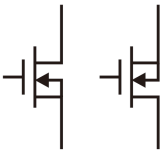
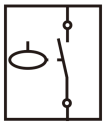
(5)

Press the unlock button on the control unit connector plug ①,
pry it open in the direction of arrow A, then
in the direction of arrow B to disconnect the connector
plug. Installation is performed in the reverse order of removal.

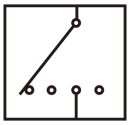
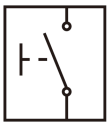
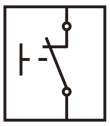
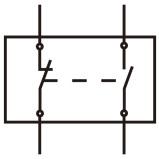
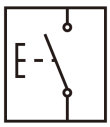
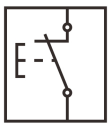
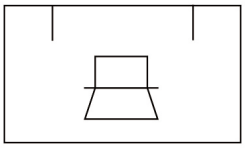
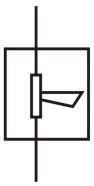
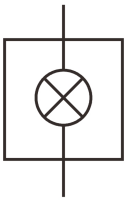
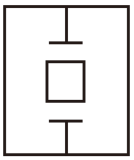
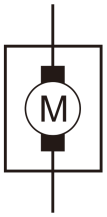
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1.4 1.4 ELECTRICAL COMPONENT SYMBOL LIBRARY

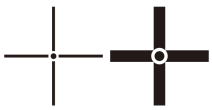
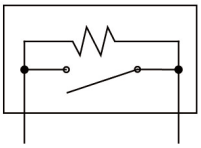
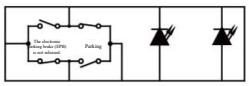
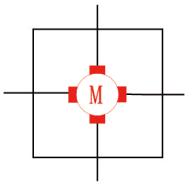
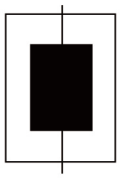
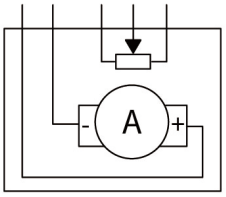
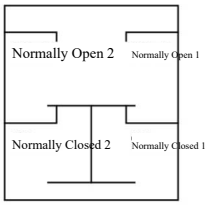
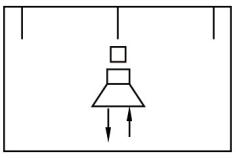
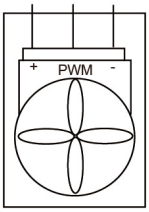
1.4.1 1.4.1 ELECTRICAL COMPONENT SYMBOL LIBRARY

Electrical Symbol	Name	Electrical Symbol	Name	Electrical Symbol	Name
	Fuse		Fuse		Normally closed relay
	Normally Open Relay		DC contactor		Battery
	Resistance		Capacitor		Diode
	Variable resistor		LED		Transistor
	Adjustable resistor		Potentiometer		Insulated Gate Field Effect Transistor
	Normally Open switch		Normally closed switch		Liquid level switch

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Electrical Symbol	Name	Electrical Symbol	Name	Electrical Symbol	Name
	Dynamic Closed Contact Position Switch		Normally closed position switch		Multi-position switch
	Manual operation switch (normally open)		Manually operated switch (normally closed)		Double-throw switch
	Automatic reset switch (normally open)		Self-resetting switch (normally closed)		Clock spring
	Speaker		Horn		Heater
	Bulb		Radar probe		Electric Motor
	AM/FM antenna		Solenoid valve		Switch without automatic reset function

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Electrical Symbol	Name	Electrical Symbol	Name	Electrical Symbol	Name
	No nodes between the wires		Nodes between wires		Grounding point
	Airbag		EPB switch		Water pump
	Wheel speed sensor		Air conditioning air door motor		Brake switch
	Ultrasonic Radar		Seat ventilation motor		

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1.5 1.5 ABBREVIATIONS

1.5.1 1.5.1 ABBREVIATIONS

Terms and Abb reviations	English interpretation	Chinese Name
ACU	Airbag Control Unit	Airbag module
ADC	Analog to Digital Converter	Analog-to-Digital Converter
ADAS	Advanced Driver Assistance System	Intelligent Driving Controller
AAT	Ambient Air Temperature	Ambient temperature
ABS	Anti-lock Brake System	Anti-lock Braking System (ABS)
AHL-R	Adaptive Right Head Lamp	Right front combination lamp
AHL-L	Adaptive Left Head Lamp	Left front combination lamp
AM	Amplitude Modulation	AM
APA	Automatic Parking Assist	Automatic Parking
APP	Accelerator Pedal Position	Accelerator pedal position
ASR	Acceleration Slip Regulation	Acceleration Slip Regulation
AVAS	Acoustic Vehicle Alerting System	Pedestrian Warning Module
MZCU	Main Zone Control Unit	Master Zone Controller
BMS	Battery Management System	Battery Management System
BLE	Bluetooth Low Energy	Bluetooth Controller
BSD	Berkeley Software Distribution	Blind Spot Detection Radar
CAN	Controller Area Network	Controller Area Network
CCM	Compressor Control Motor	Electric compressor
CCU	Conditioning Control Unit	Air conditioning controller
CD	Compact Disc	CD
CDU	Conversion & Distribution Unit	2-in-1 (DCDC/OBC)
COS	COSine winding	Cosine winding
DAC	Digital to Analog Converter	Digital-to-Analog Converter

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Terms and Abbreviations	English interpretation	Chinese Name
DCDC	Direct Current change Direct Current	DC power supply switching module
DTC	Diagnostic Trouble Code	Fault code
DVD	Digital Video Disk	DVD
EBD	Electric Brakeforce Distribution	Electronic Brakeforce Distribution
EX	EXcitation winding	Field winding
EWS	Electronic pedestrian Warning System	Pedestrian Warning System
EPB	Electronic Parking Brake	Electronic Parking Brake Module
EPS	Electronic Power Steering	Electric Power Steering System
ESC	Electronic Stability Control	Electronic stability system
ESCL	Electronic Steering Column Lock	Electronic Steering Column Lock
FM	Frequency Modulation	Radio tuning
GW	Gateway (Intelligent cockpit host)	Gateway (Smart Cockpit Head Unit)
GPS	Global Positioning System	Global Positioning System
GND	Ground	Grounding point
HCU	Hydraulic Control Unit	Hydraulic Control Unit
HFM	Hands Free Module	Handsfree phone module
HMSL	High Mounted Stop Lamp	High-mounted brake lamp
HVAC	Heating Ventilation and Air Conditioning	Heating, Ventilation, and Air Conditioning
ICU	Instrument Combined Unit	Instrument controller
ICHS	Intelligent cockpit host	Multi-domain fusion controller
IEEE	Insititute of Electrical and Electronics Engineers	Institute of Electrical and Electronics Engineers
IGBT	Insulated Gate Bipolar Transistor	Insulated Gate Bipolar Transistor (IGBT)
IP	Instrument Panel	Instrument panel
IPS	Integrated Power System	Integrated Power System

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Terms and Abb reviations	English interpretation	Chinese Name
IPU	Integrated Power Unit	5-in-1 Control
ISO	International Standards Organization	International Organization for Stan dardization
LED	Light Emitting Diode	Light Emitting Diode (LED)
LIN	Local Interconnect Network	Local Interconnect Network
MCU	Motor Control Unit	Motor Controller
MIL	Malfunction Indicator Lamp	Malfunction Indicator Lamp
MMI	Multi Media Interface	Central control unit
MRS	Millimeter wave Radar Sensor	Mid-range front anti-collision radar
OBC	On Board Charger	On-board Charger
OBD	On Board Diagnostic	On-Board Diagnostic System
OEM	Original Equipment Manufacturer	Original Equipment Manufacturer
PDU	Power Distribution Unit	Power Distribution Unit
PTG	Power tailgate controller	Power Liftgate Controller
PWM	Pulse Width Modulation	Pulse Width Modulation
RKE	Remote Keyless Entry	Remote Keyless Entry
RMCU	Rear drive motor control unit	Rear Drive Motor Controller
RLH	Rain Light Sensor	Sunlight sensor
RPA	Radar Parking Assist	Reversing Assist
SAE	Society of Automotive Engineers	Society of Automotive Engineers (S AE)
SAS	Steering Angle Sensor	Steering angle sensor
SCU	Seat control unit	Seat Controller
SIN	SINe winding	Sine winding
SW	Steering wheel	Steering wheel
SWB	Steering wheel keys	Steering wheel buttons
SOC	State Of Capacity	Remaining power

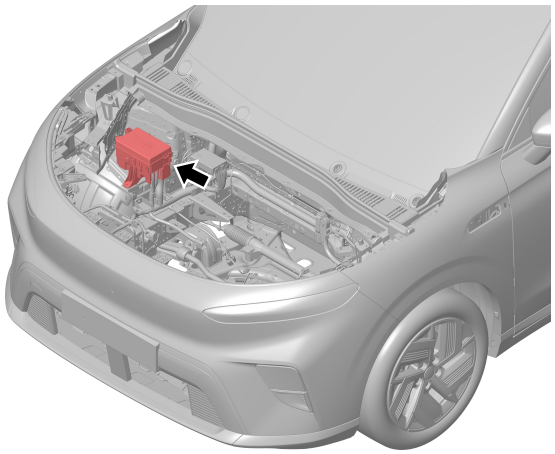
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Terms and Abbreviations	English interpretation	Chinese Name
SOH	State Of Health	Remaining Battery Health Index (SOH)
SOP	State Of Power	Power tolerance
SRS	Supplemental Restraint System	Airbag system
SVM	Seat View Monitor	Panoramic image
TCS	Traction Control System	Traction Control System (TCS)
TBOX	Telematics BOX	Internet of Vehicles
TPMS	Tire Pressure Monitoring System	Tire Pressure Monitoring System
TSB	Technical Service Bulletin	Technical Service Bulletin
USB	Universal Serial Bus	Serial Bus Interface
VCU	Vehicle Control Unit	Vehicle Control Unit
VIN	Vehicle Identification Number	Vehicle Identification Number (VIN)

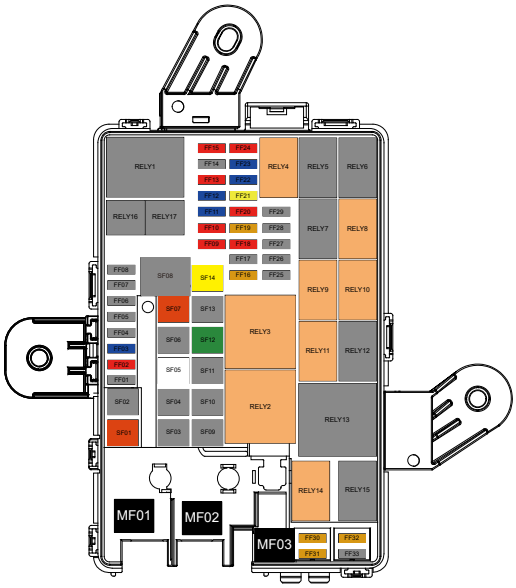
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2 2.FUSE AND RELAY POWER DISTRIBUTION

2.1 2.1 ENGINE COMPARTMENT FUSE BOX



2.1.1 Fuse Box Location Diagram



2.1.2 Fuse Description

Code	Rated current (A)	Fuse name	Note
MF 01	Copper busbar	Connect the battery fuse box	
MF 02	Copper busbar	Connect the 2-in-1 power supply assembly (DCDC+)	
MF 03	80A	Integrated Motor Controller Power Fuse	
SF 01	40A	Electronic Fan Assembly Power Fuse	
SF 02	-	-	
SF 03	-	-	

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Code	Rated current (A)	Fuse name	Note
SF 04	-	-	
SF 05	25A	ON2C Relay / Alcoloc k Interface / Backup Power Supply - Front/Rear USB Charging / Wireless Charging Module Assembly / Driver Seat Connector (Driver Lumbar Support Power) / Passenger Seat Connector (Passenger Lumbar Support Power) / Front Monocular Camera Assembly / Multi-Domain Fusion Controller (ON2C Feedback) ON2C Power Fuse	
SF 06	-	-	
SF 07	40A	A/C blower power fuse	

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Code	Rated current (A)	Fuse name	Note
SF 08	-	-	
SF 09	-	-	
SF 10	-	-	
SF 11	-	-	
SF 12	30A	ON2B Relay/Filter Assembly/Active Grille/Thermal Management Controller/Blower Relay/Rear Defroster Relay/Brake Light Switch Assembly/Multi-Domain Fusion Controller (ON2B Feedback)/Electric Compressor Assembly/Super Integrated Module/Rear Motor Oil Pump ON2B Power Fuse	
SF 13	-	-	

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Code	Rated current (A)	Fuse name	Note
SF 14	20A	Rear Defroster Power Fuse	
FF 01	-	-	
FF 02	10A	Brake light switch assembly power fuse	
FF 03	15A	Left front combination lamp power fuse	
FF 04	-	-	
FF 05	-	-	
FF 06	-	-	
FF 07	-	-	
FF 08	-	-	
FF 09	10A	Power Battery Pack Assembly Power 1 Fuse	
FF 10	10A	Thermal management controller power supply fuse	
FF 11	15A	High-tone horn assembly/Low-tone horn	

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Code	Rated current (A)	Fuse name	Note
		assembly fuse	
FF12	15A	Right front combination lamp power fuse	
FF13	10A	ON3 Relay/Airbag Control Module Assembly/Multi-Domain Fusion Controller (ON3 Feedback)/Integrated Motor Controller/Intelligent Integrated Braking System Assembly ON3 Power Fuse	
FF14	-	-	
FF15	10A	Power battery pack assembly power 2 fuse	
FF16	5A	Left rear blind spot monitoring radar/Right rear blind spot monitoring radar/Left front blind spot monitoring	

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Code	Rated current (A)	Fuse name	Note
		radar/Right front blind spot monitoring radar/Forward collision avoidance radar power fuse	
FF17	-	-	
FF18	10A	Filter assembly/Active grille/Thermal management controller/Blower relay/Rear defroster relay ON2B power supply fuse	
FF19	5A	Brake Light Switch Assembly/Multi-Domain Fusion Controller (ON2B Feedback) ON2B Power Fuse	
FF20	10A	Super Integrated Module/Electric Compressor Assembly ON2B Power Fuse	

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Code	Rated current (A)	Fuse name	Note
FF 21	20A	Rear motor oil pump ON2B power fuse	
FF 22	15A	Super Integrated Module (Motor Water Pump Power Supply) Fuse	
FF 23	15A	Super Integrated Module (Battery Water Pump Power Supply) Fuse	
FF 24	10A	Super Integrated Module (5-way water valve power) Fuse	
FF 25	-	-	
FF 26	-	-	
FF 27	-	-	
FF 28	-	-	
FF 29	-	-	
FF 30	5A	Integrated Motor Controller ON3	

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Code	Rated current (A)	Fuse name	Note
		Power Supply Fuse	
FF31	5A	Intelligent Integrated Braking System Assembly ON3 Power Supply Fuse	
FF32	5A	Alcolock Interface ON2C Power Fuse	
FF33	-	-	

2.1.3 Relay Description

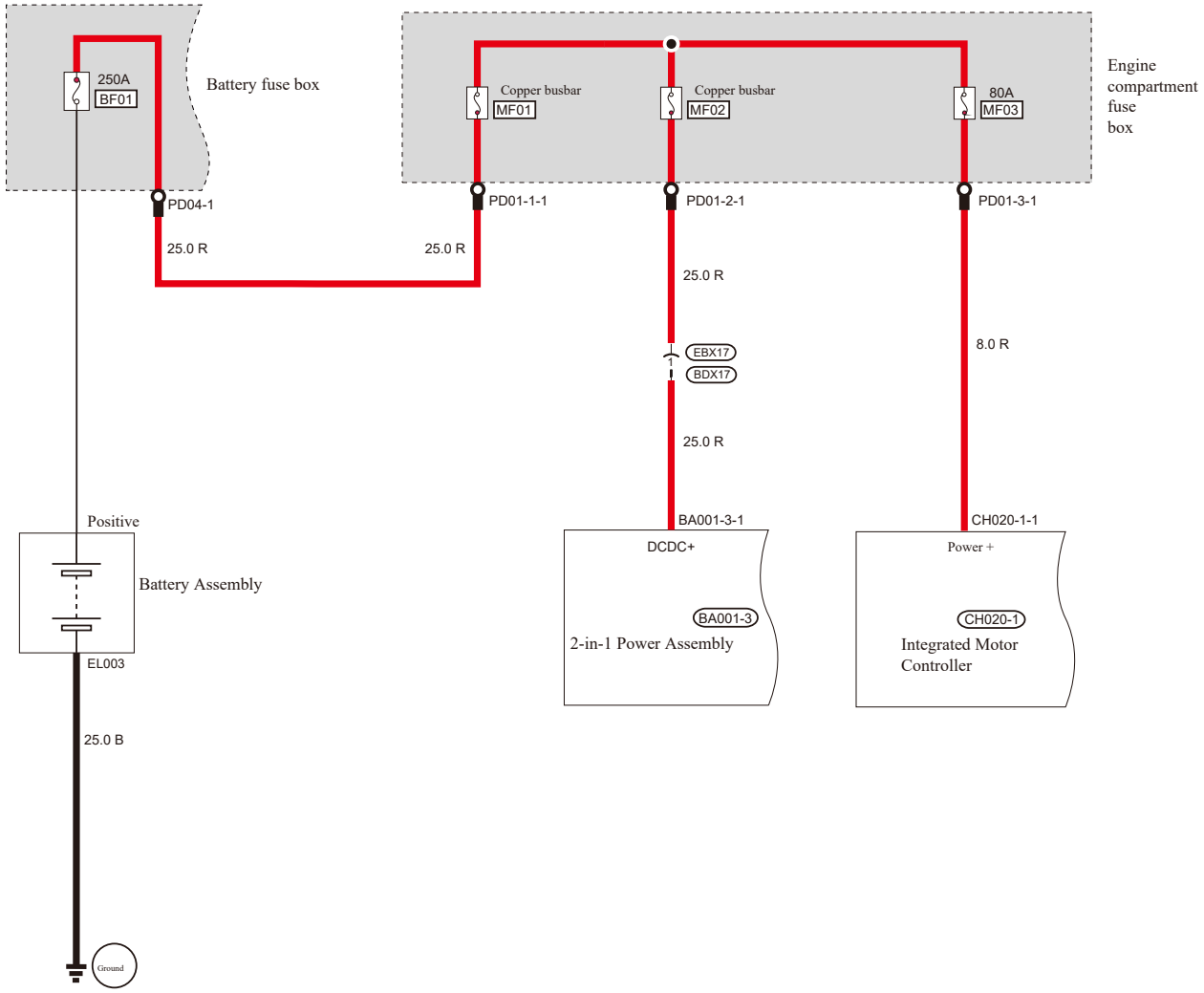
Code	Relay name	Note
RELY1	-	
RELY2	Water pump relay	
RELY3	Blower relay	
RELY4	Rear defroster relay	
RELY5	-	
RELY6	-	
RELY7	-	
RELY8	ON2B relay	

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Code	Relay name	Note
RELY 9	ON3 relay	
RELY 10	ON2C relay	
RELY 11	Horn relay	
RELY 12	-	
RELY 13	-	
RELY 14	BSD Radar Relay	
RELY 15	-	
RELY 16	-	
RELY 17	-	

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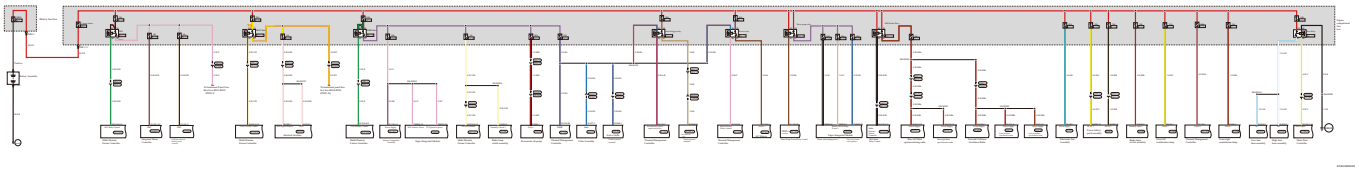
2.2 2.2 ENGINE COMPARTMENT FUSE BOX THREE-WAY FUSE POWER DISTRIBUTION



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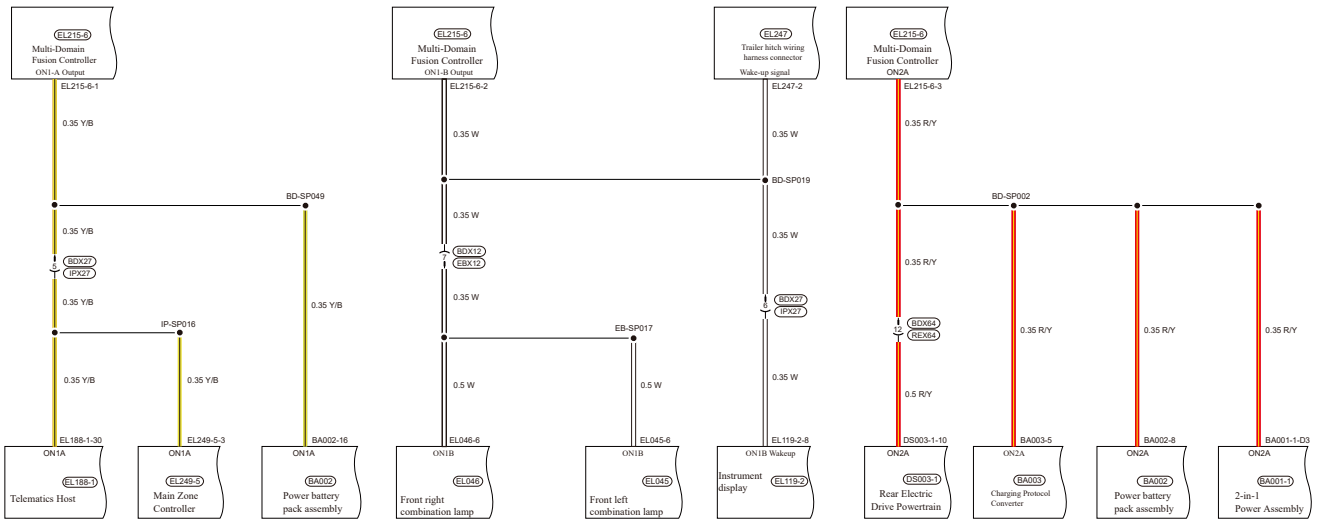
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2.3 2.3 ENGINE COMPARTMENT FUSE BOX POWER DISTRIBUTION



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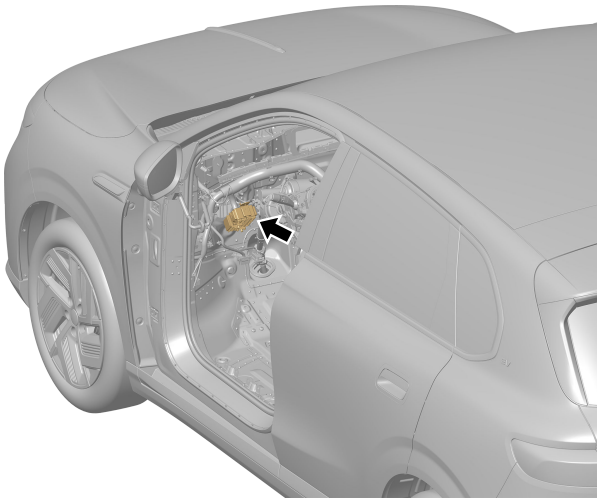
2.4 2.4 MULTI-DOMAIN FUSION CONTROLLER ON POWER DISTRIBUTION OUTPUT



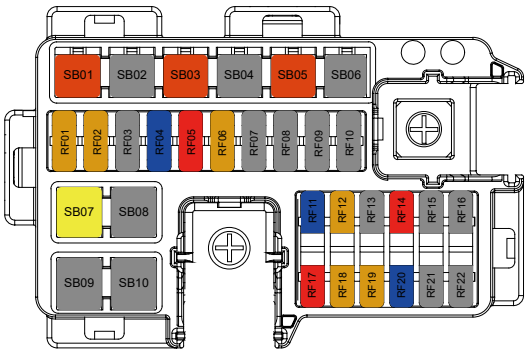
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2.5 2.5 INSTRUMENT PANEL FUSE BOX



2.5.1 Fuse Box Location Diagram



2.5.2 Fuse Description

Code	Rated current (A)	Fuse name	Note
SB01	40A	Main Zone Controller Power 1 Fuse	
SB02	-	-	
SB03	40A	Main Zone Controller Power 2 Fuse	
SB04	-	-	
SB05	40A	Main Zone Controller Power 3 Fuse	
SB06	-	-	
SB07	20A	Multi-Domain Fusion Controller (Host Powe	

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Code	Rated current (A)	Fuse name	Note
		r Supply 2+) / Multi-Domain Fusion Controller (Amplifier Power Supply) Power Fuse	
SB08	-	-	
SB09	-	-	
SB10	-	-	
RF01	5A	Airbag Control Module Assembly ON3 Power Fuse	
RF02	5A	Multi-Domain Fusion Controller(ON3 Feedback) ON3 Power Fuse	
RF03	-	-	
RF04	15A	Backup power - Front ON2C power fuse	
RF05	10A	Rear USB charging/Wireless charging module assembly/Driver sea	

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Code	Rated current (A)	Fuse name	Note
		t connector (driver lumbar support power) /Front passenger seat connector (front passenger lumbar support power) ON2C power fuse	
RF06	5A	Forward-facing monocular camera assembly / Multi-domain fusion controller (ON2C feedback) ON2C power fuse	
RF07	-	-	
RF08	-	-	
RF09	-	-	
RF10	-	-	
RF11	15A	Multi-Domain Fusion Controller (Host Power Supply 1+) Power Fuse	

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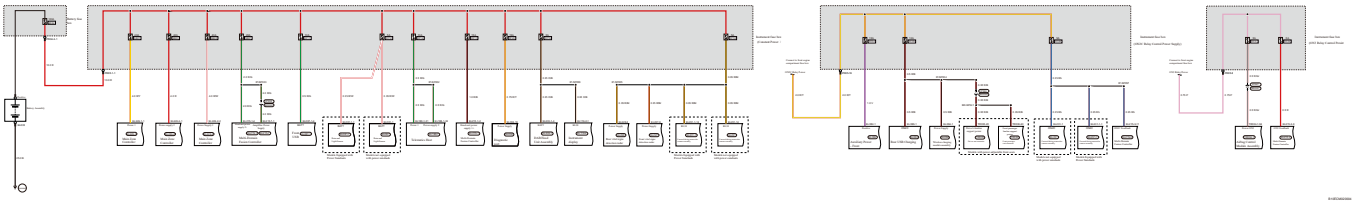
Code	Rated current (A)	Fuse name	Note
RF 12	5A	Rain/light sensor power fuse	
RF 13	-	-	
RF 14	10A	Telematics control unit power fuse	
RF 15	-	-	
RF 16	-	-	
RF 17	10A	Front USB power fuse	
RF 18	5A	Forward-facing monocular camera assembly/front vital signs detection radar/rear vital signs detection radar power fuse	
RF 19	5A	DAB Head Unit Assembly/Instrument Cluster Display Power Fuse	
RF 20	15A	Diagnostic Port Power Fuse	

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Code	Rated current (A)	Fuse name	Note
RF 21	-	-	
RF 22	-	-	

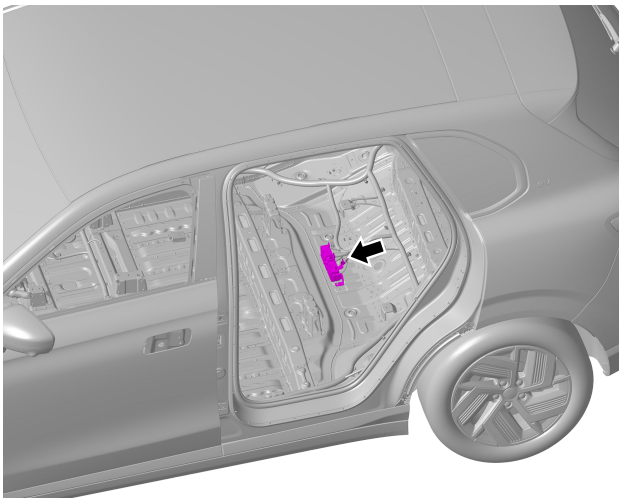
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2.6 2.6 INSTRUMENT PANEL FUSE BOX POWER DISTRIBUTION

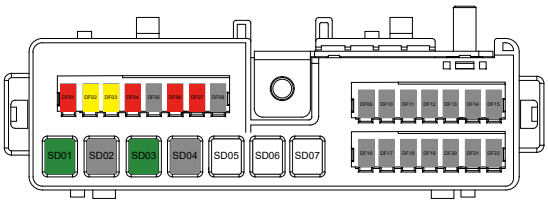


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2.7 2.7 FLOOR FUSE BOX



2.7.1 Fuse box location diagram



2.7.2 Fuse Description

Code	Rated current (A)	Fuse name	Note
SD 01	30A	Front passenger's seat connector (front passenger's seat adjustment) power fuse	Models equipped with power front seat adjustment
SD 02	-	-	
SD 03	30A	Driver's seat connector (driver's seat adjustment) power fuse	Models equipped with power front seat adjustment
SD 04	-	-	
SD 05	25A	Power amplifier (head unit power supply 1 in	Models equipped with 12 speakers

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Code	Rated current (A)	Fuse name	Note
		put) power fuse	
SD 06	25A	Power liftgate controller power fuse	Models equipped with power liftgate
SD 07	25A	Power amplifier (host power supply 2 input) power fuse	Models equipped with 12 speakers
DF 01	10A	Alcolock Interface Power Fuse	
DF 02	20A	Trailer Hitch Wiring Harness Connector (Power 1) Fuse	
DF 03	20A	Trailer Hitch Wiring Harness Connector (Power 2) Fuse	
DF 04	10A	2-in-1 power assembly/charging protocol converter power fuse	
DF 05	-	-	
DF 06	10A	Power liftgate control	Models equipped wit

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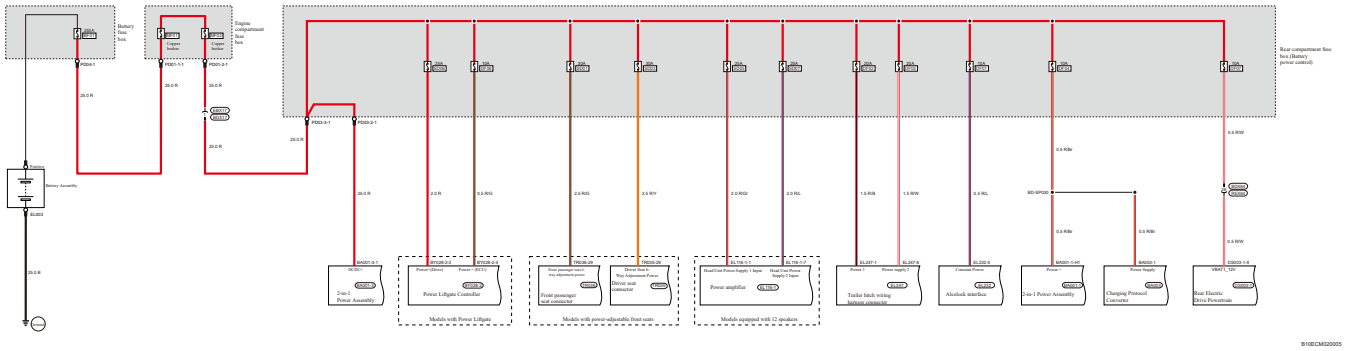
Code	Rated current (A)	Fuse name	Note
		ler power fuse	h power liftgate
DF 07	10A	Rear Electric Drive Powertrain Power Supply Fuse	
DF 08	-	-	
DF 09	-	-	
DF 10	-	-	
DF 11	-	-	
DF 12	-	-	
DF 13	-	-	
DF 14	-	-	
DF 15	-	-	
DF 16	-	-	
DF 17	-	-	
DF 18	-	-	
DF 19	-	-	
DF 20	-	-	

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Code	Rated current (A)	Fuse name	Note
DF 21	-	-	
DF 22	-	-	

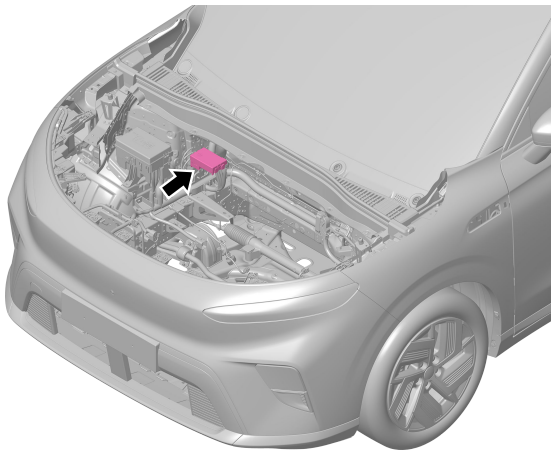
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2.8 2.8 FLOOR FUSE BOX POWER DISTRIBUTION

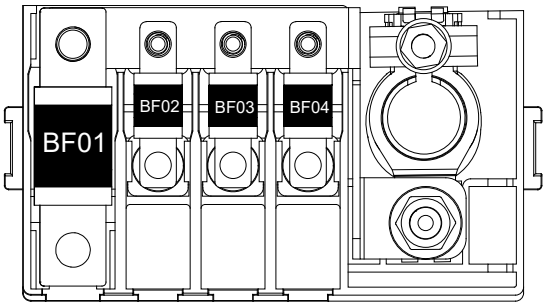


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2.9 2.9 BATTERY FUSE BOX



2.9.1 Fuse Box Location Diagram



2.9.2 Fuse Description

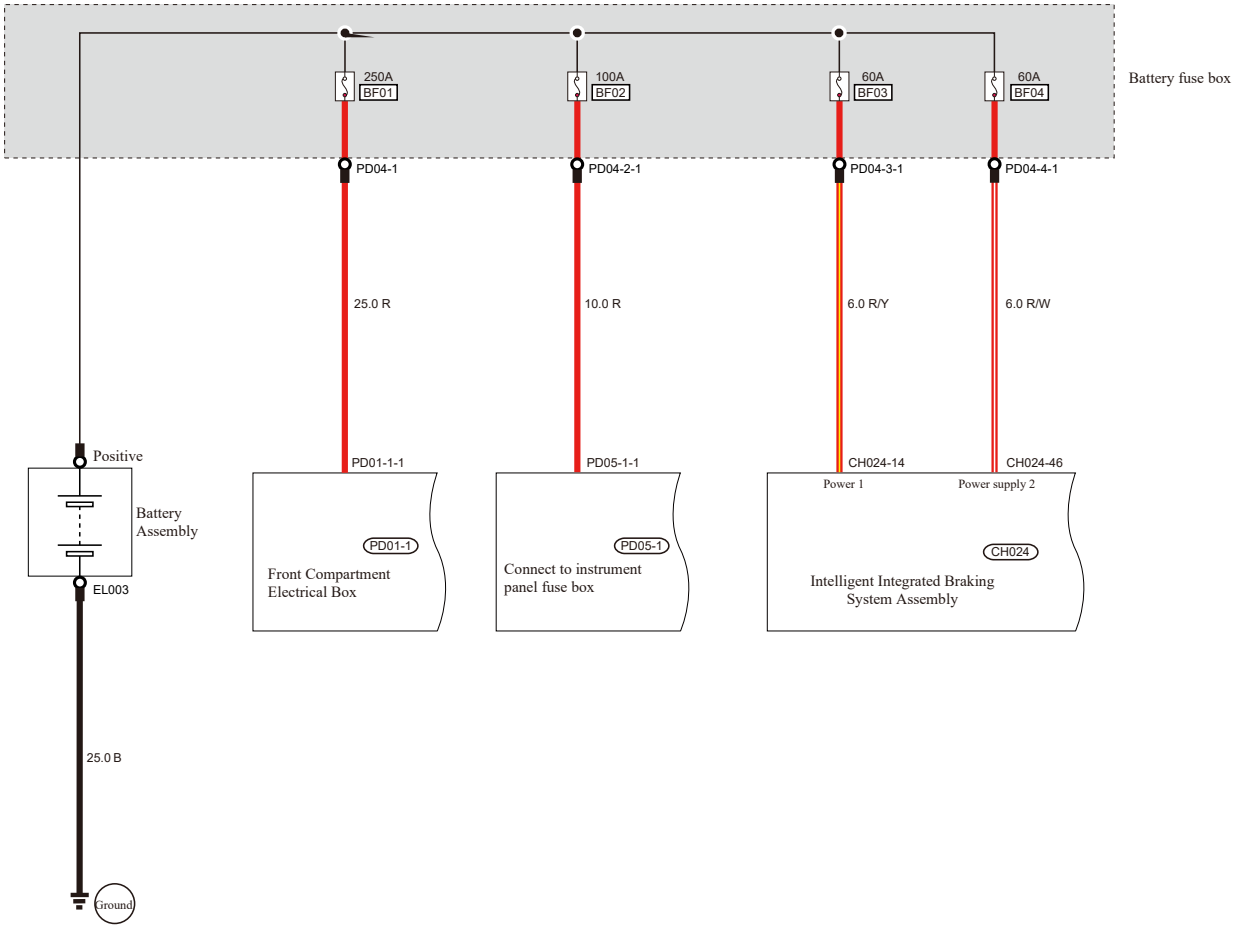
Code	Rated current (A)	Fuse name	Note
BF01	250A	Connect to the power supply of the engine compartment fuse box	
BF02	100A	Connect to the instrument panel fuse box power supply.	
BF03	60A	Connect to Power Supply 1 of the Intelligent Integrated Brake System Assembly	
BF04	60A	Connect to power supply 2 of the Intelligent I	

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Code	Rated current (A)	Fuse name	Note
		ntegrated Braking System assembly	

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2.10 2.10 BATTERY FUSE BOX POWER DISTRIBUTION



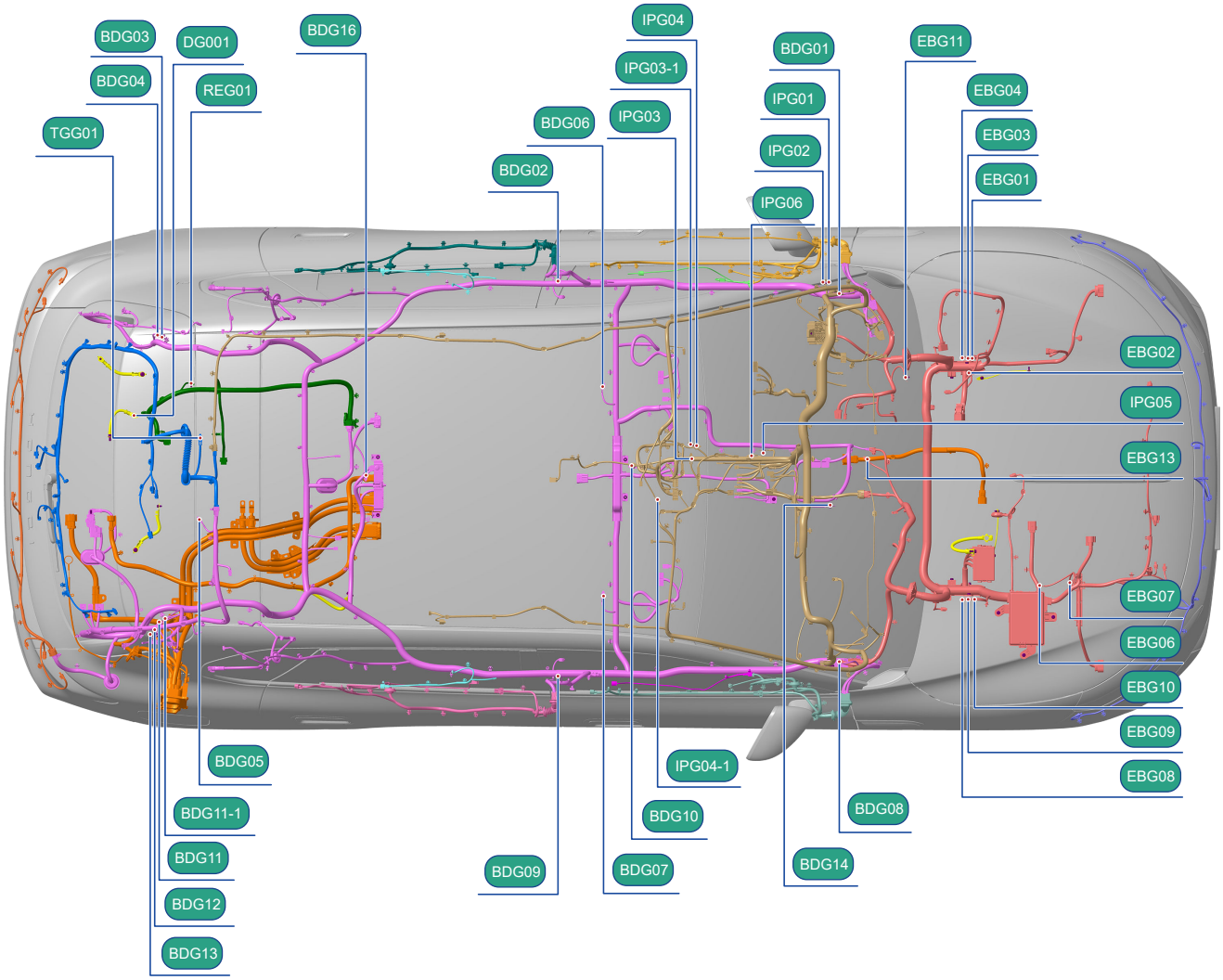
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3 3.GROUND POINT ASSIGNMENT

3.1 3.1 OVERVIEW OF GROUND POINT LOCATIONS

3.1.1 3.1.1 LOCATION DISTRIBUTION OF GROUND POINTS



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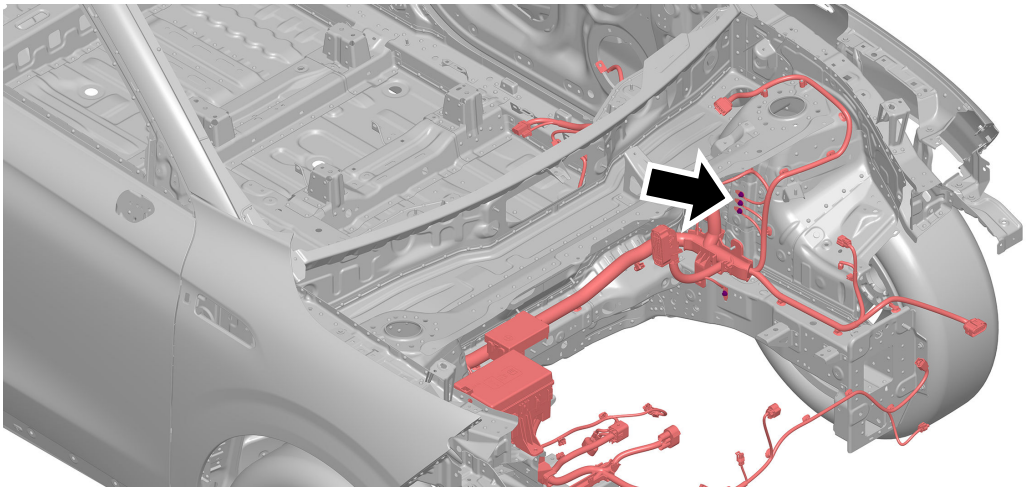
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3.2 3.2 ENGINE COMPARTMENT WIRING HARNESS GROUND POINTS

3.2.1 EBG01

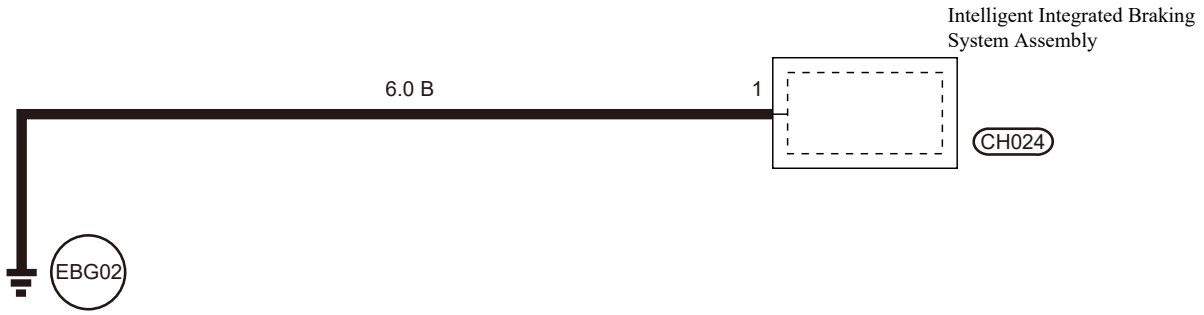


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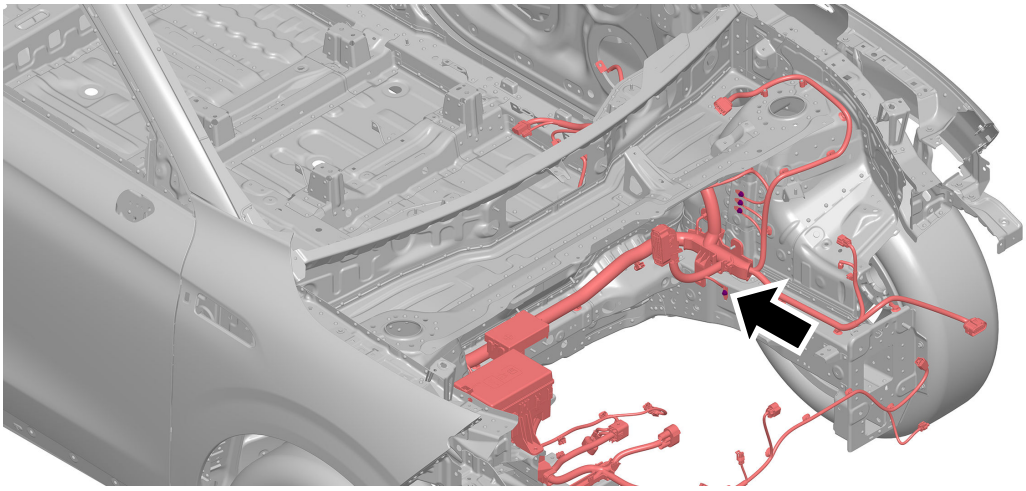


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3.2.2 EBG02

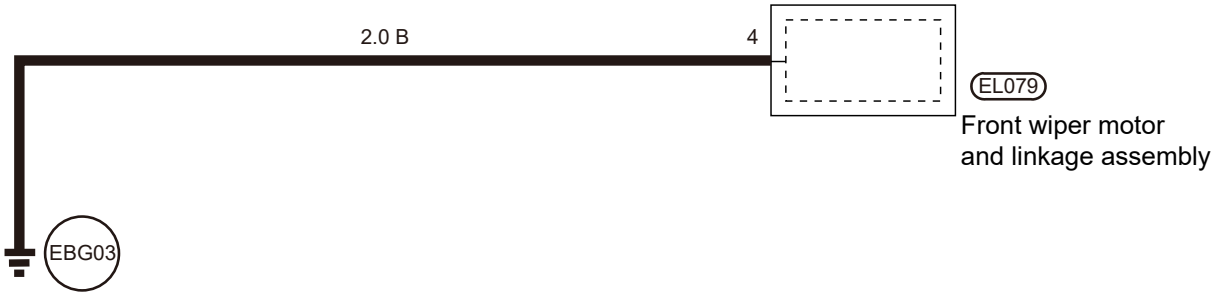


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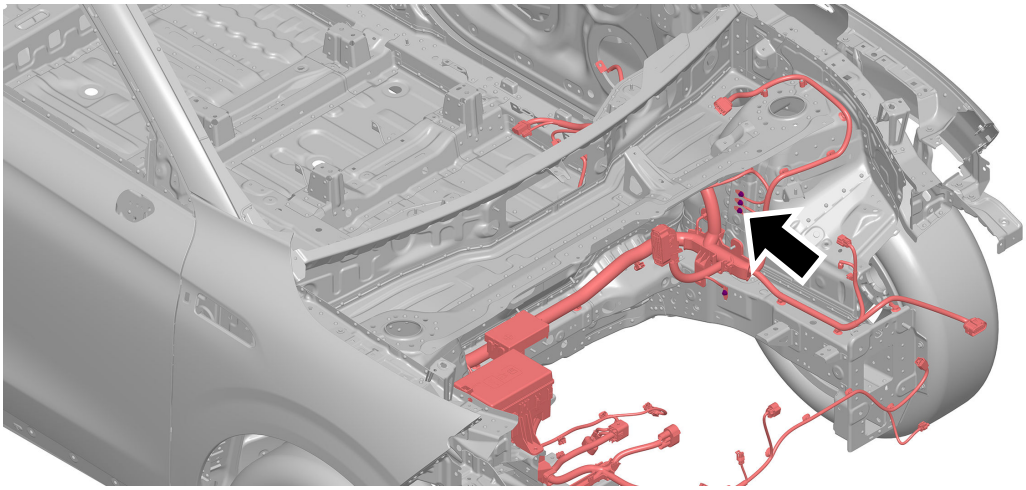


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3.2.3 EBG03

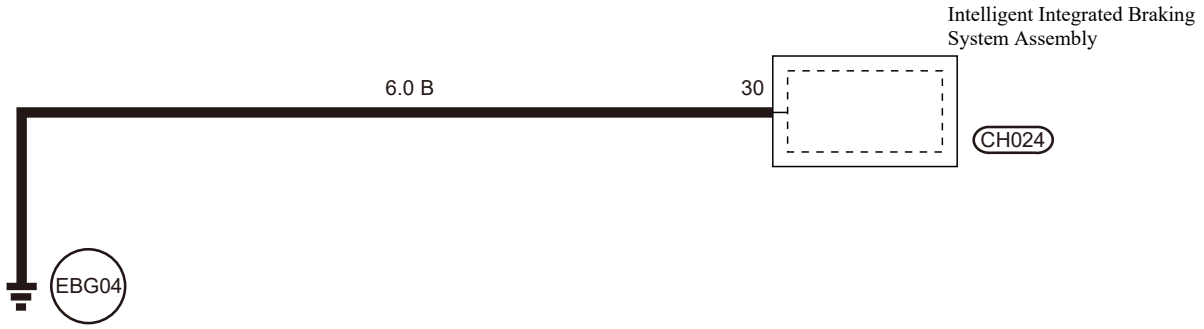


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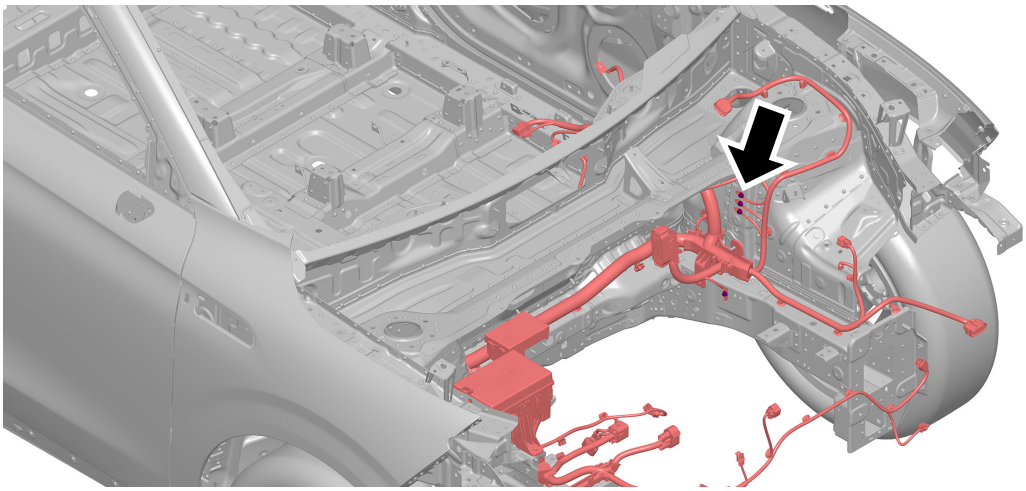


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3.2.4 EBG04

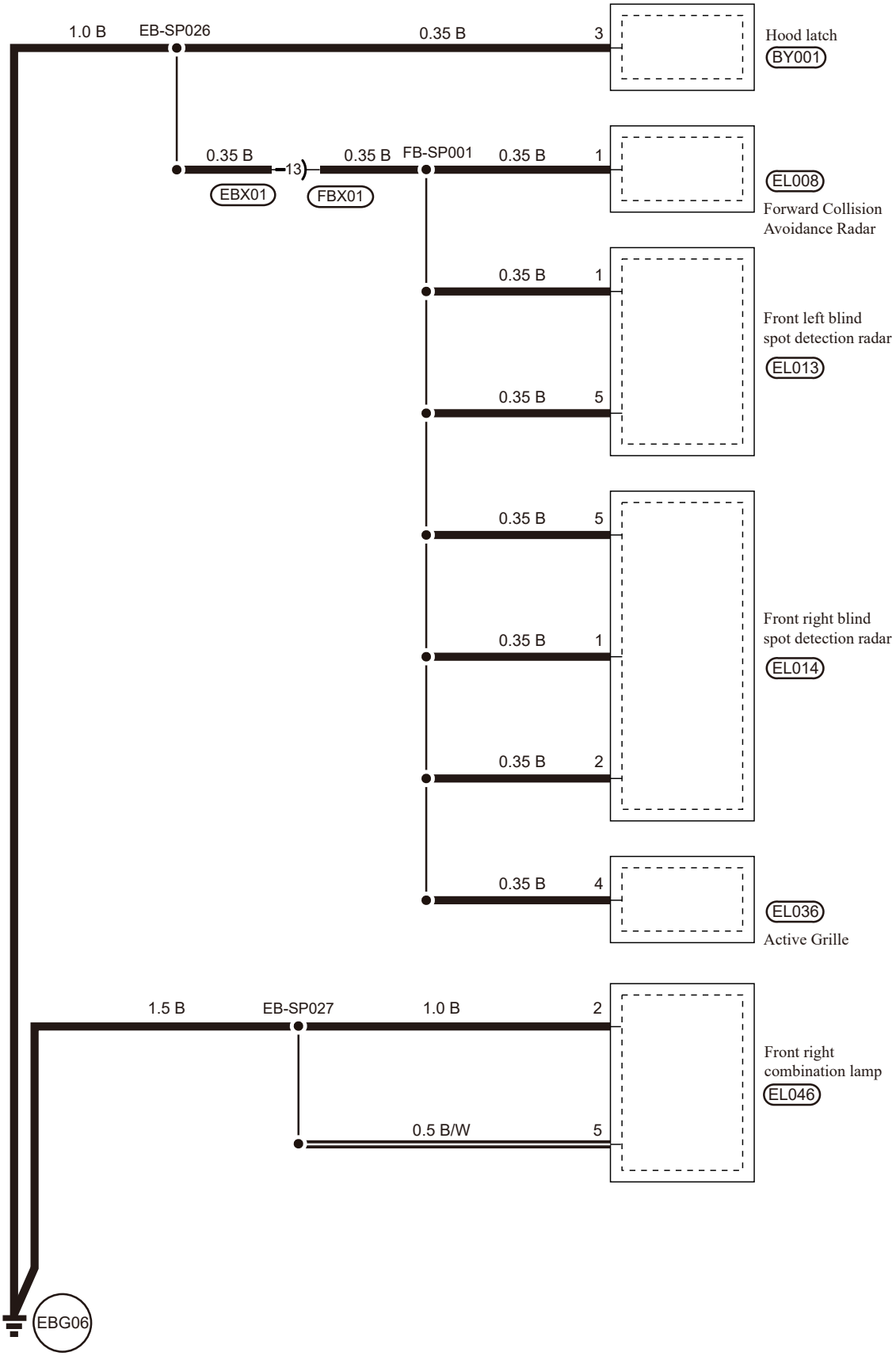


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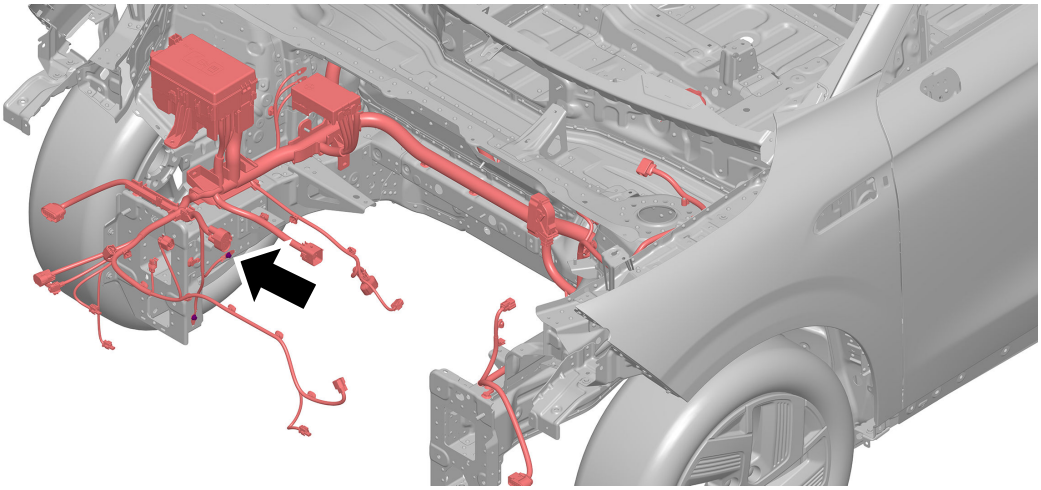
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3.2.5 EBG06



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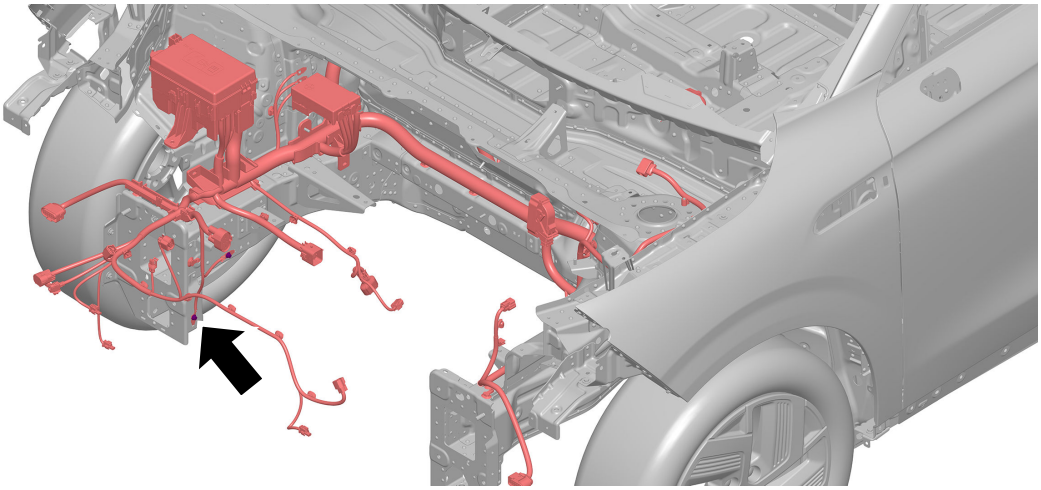


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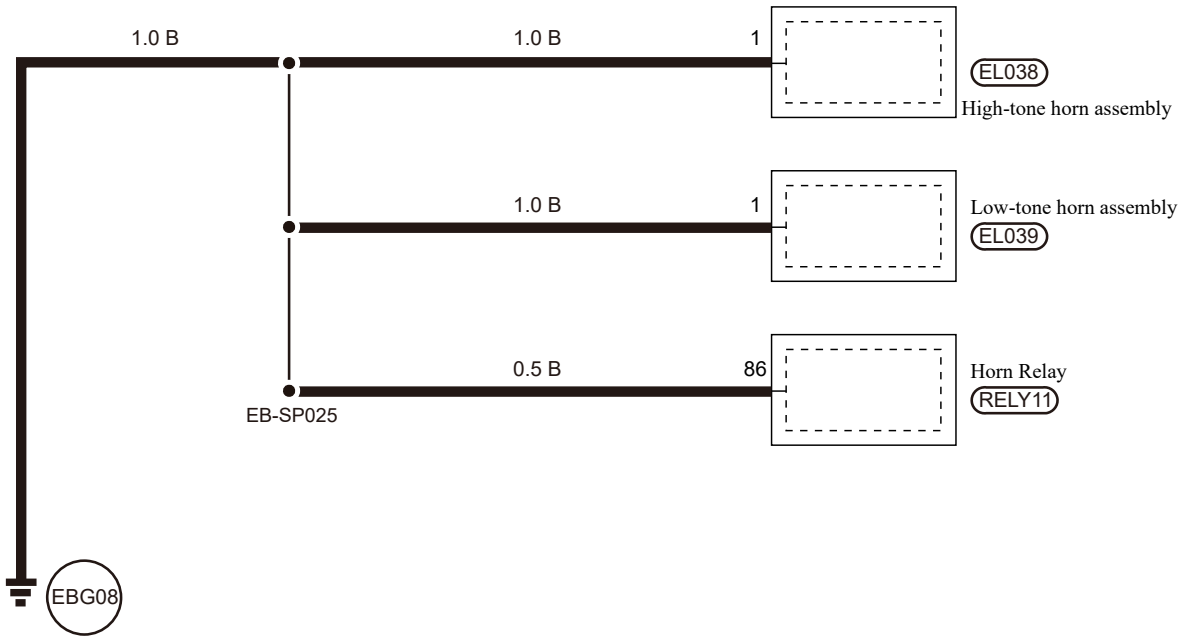


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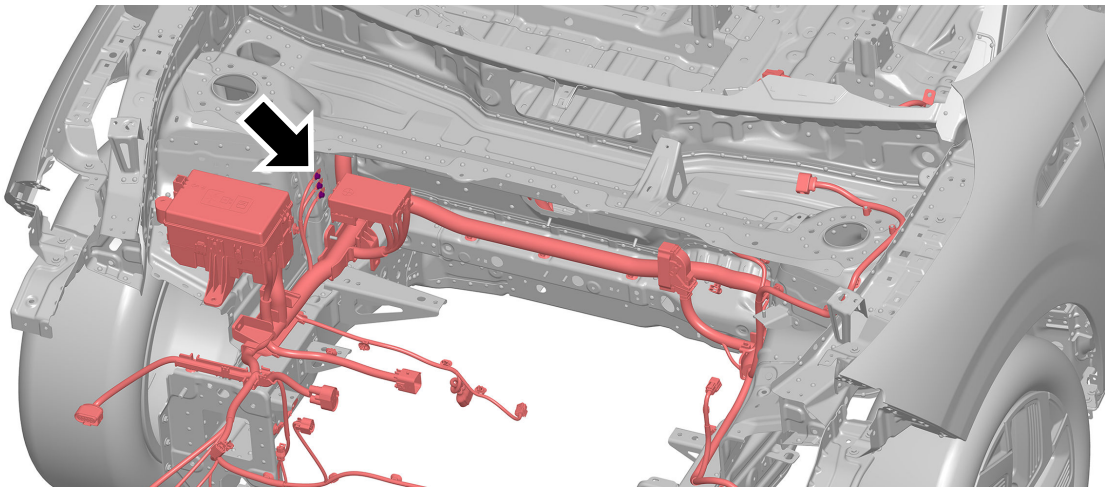


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3.2.7 EBG08

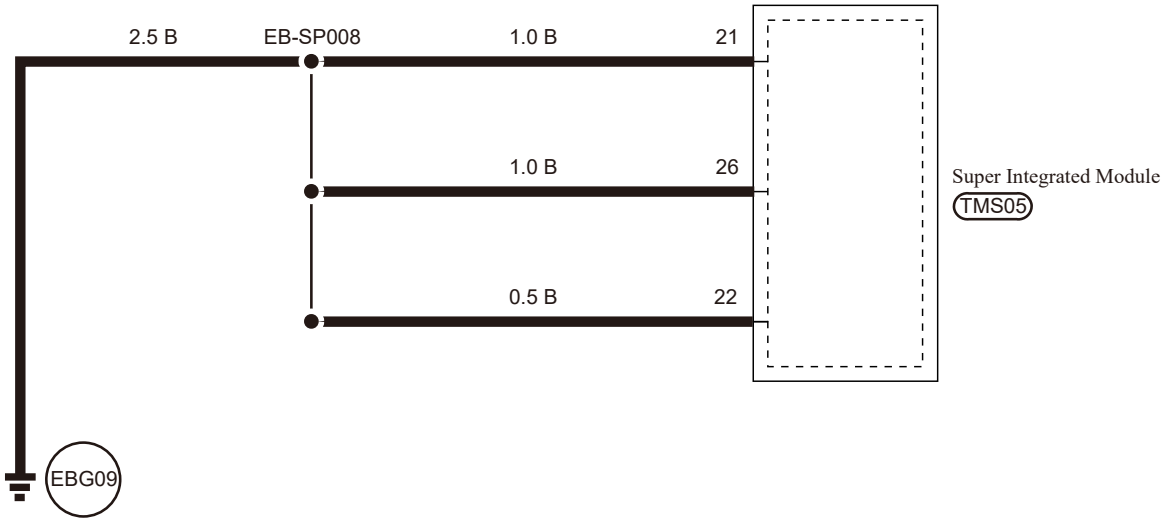


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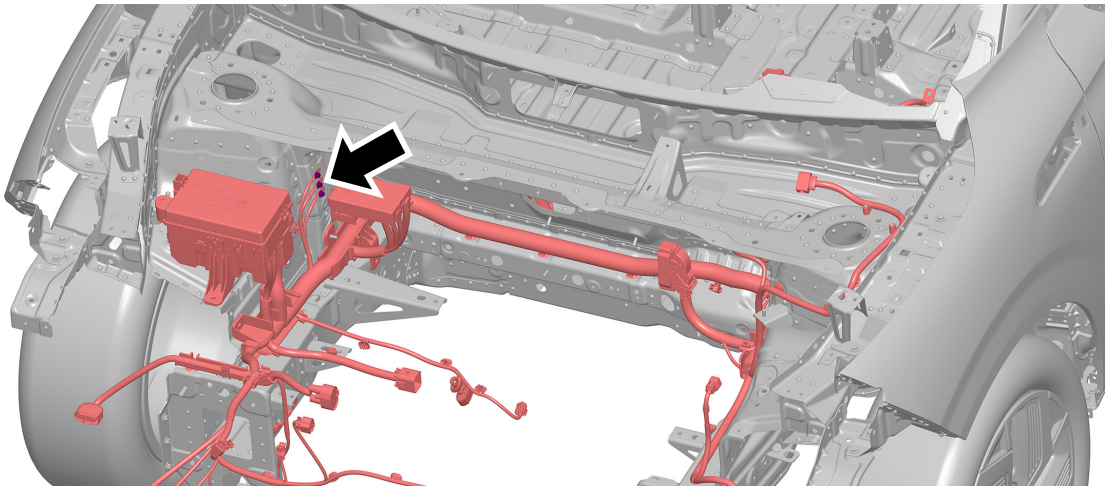


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3.2.8 EBG09

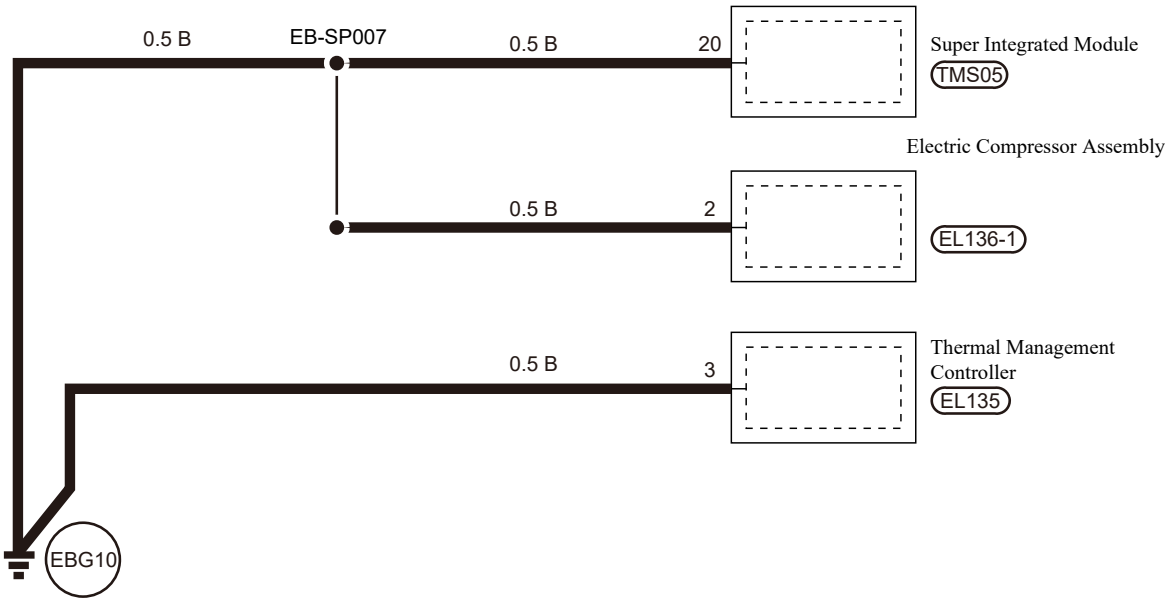


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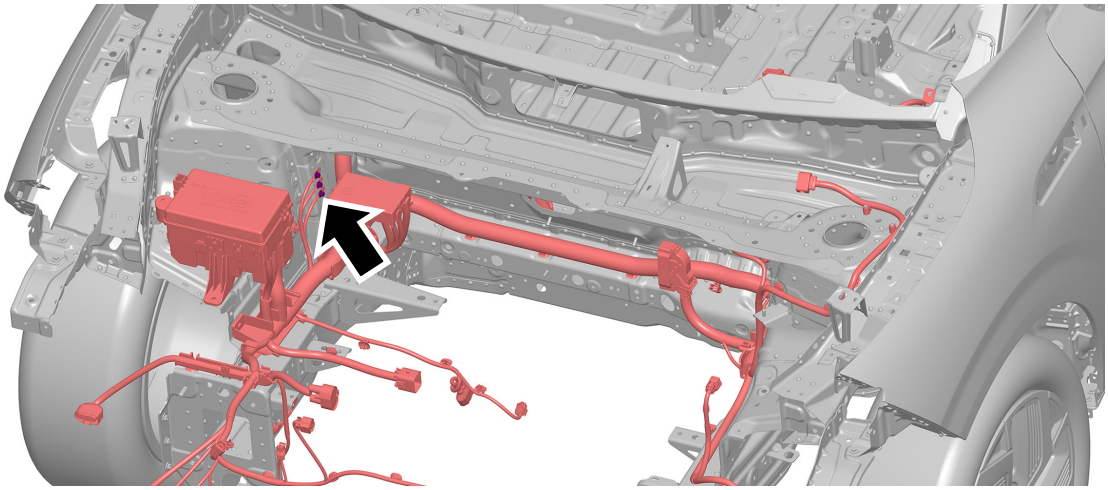


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3.2.9 EBG10



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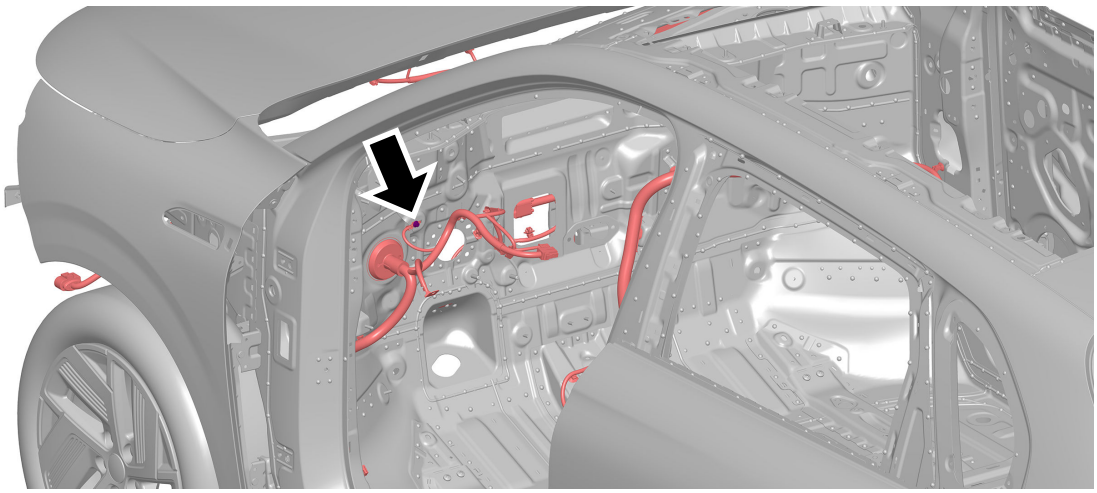


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3.2.10 EBG11



B10ECM030111

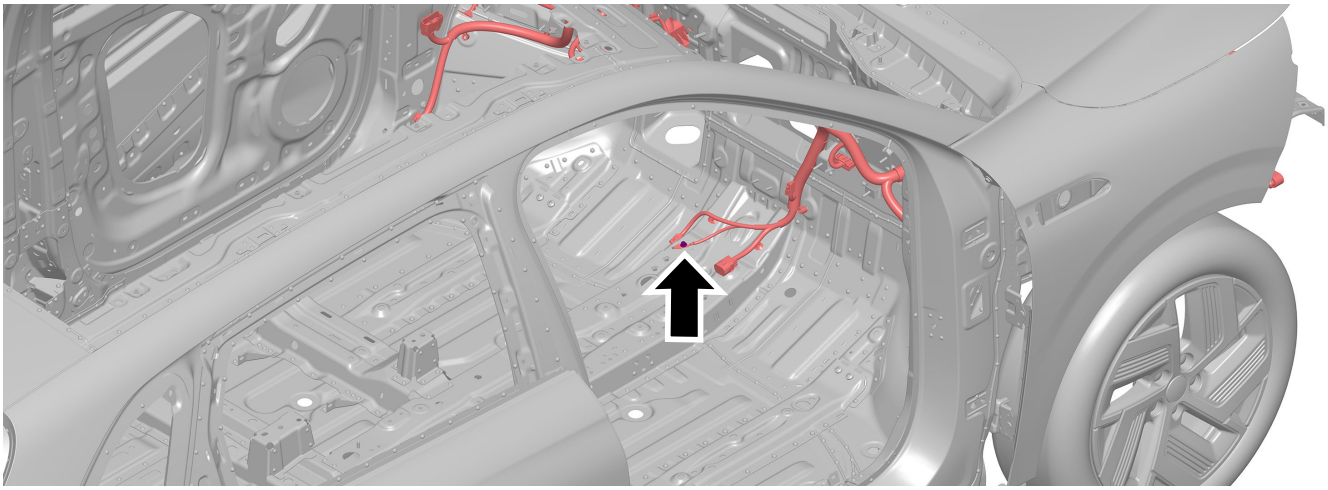


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3.2.11 EBG13



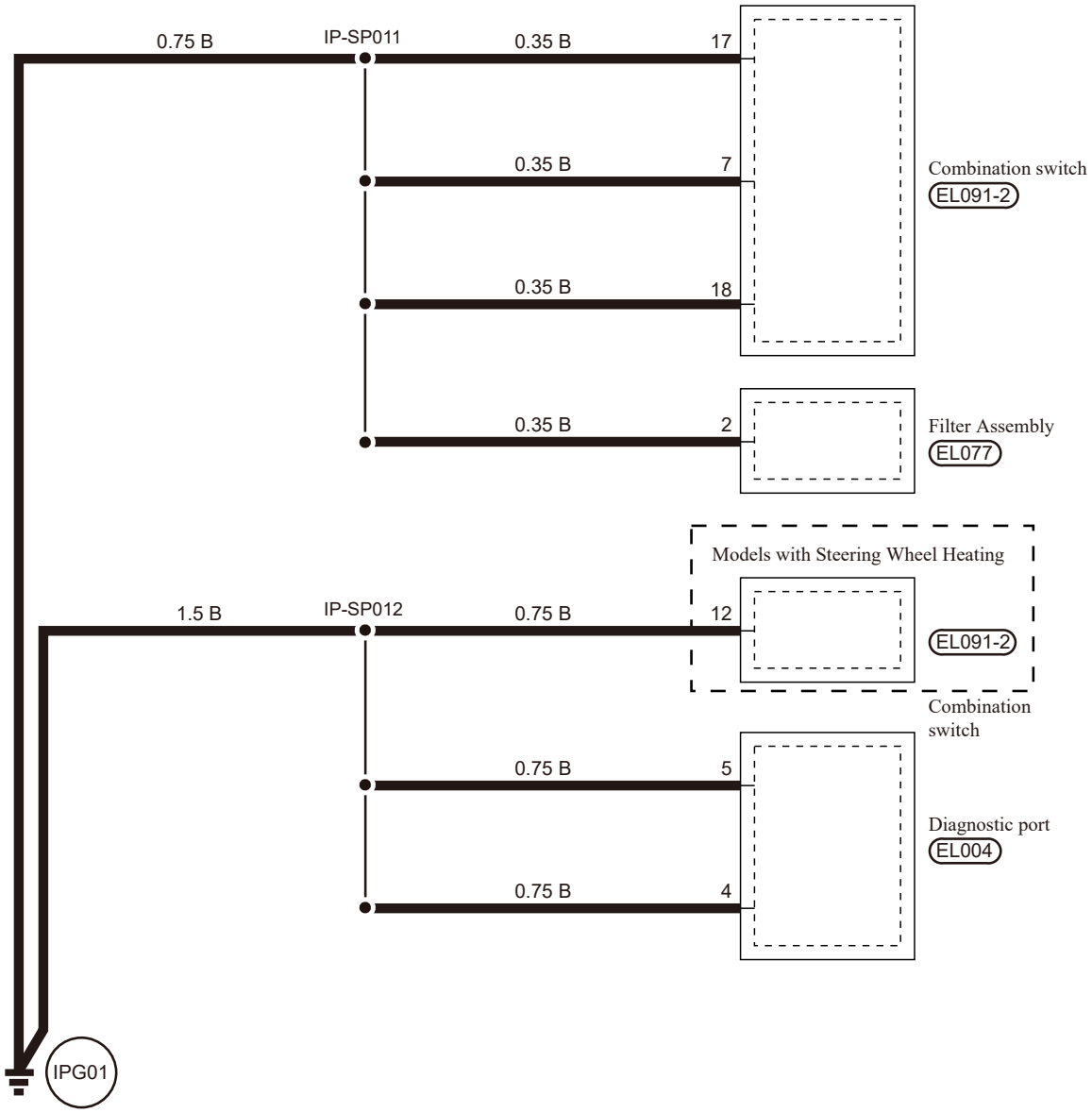
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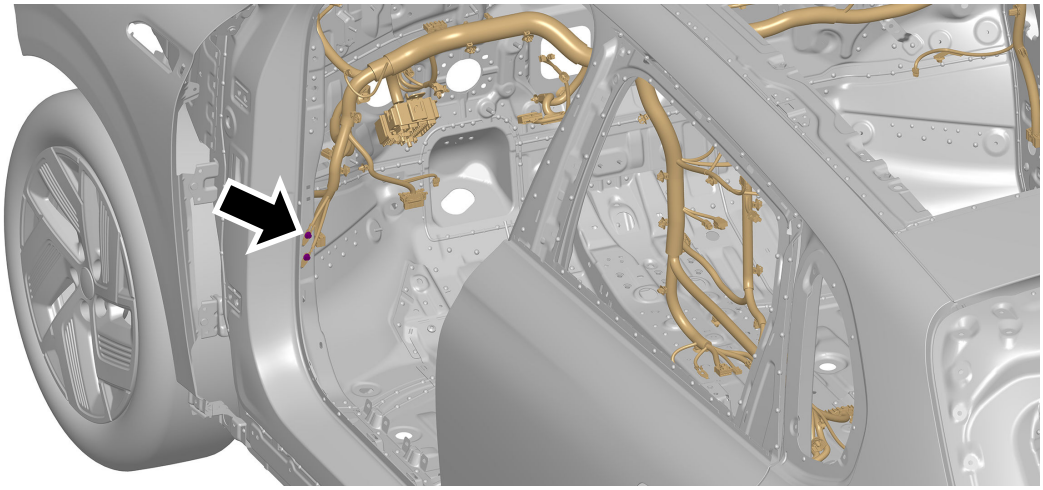
3.3 3.3INSTRUMENT PANEL WIRING HARNESS GROUND POINT

3.3.1 IPG01



B10ECM030301

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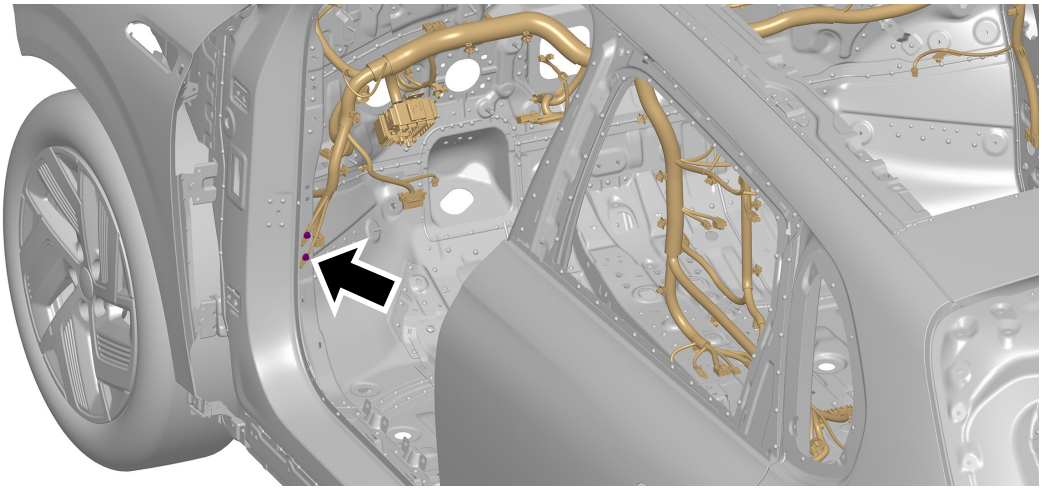


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3.3.2 IPG02

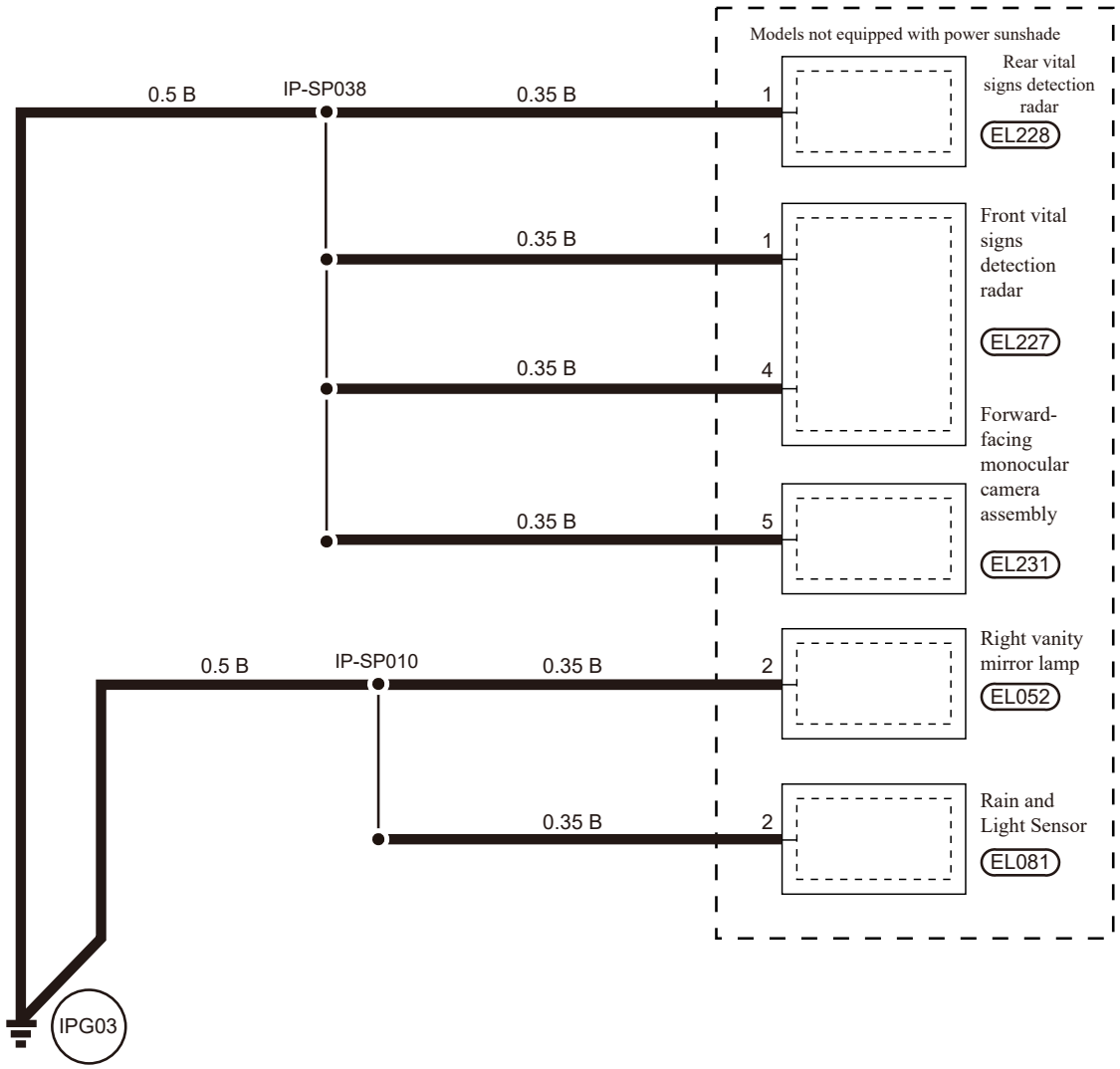


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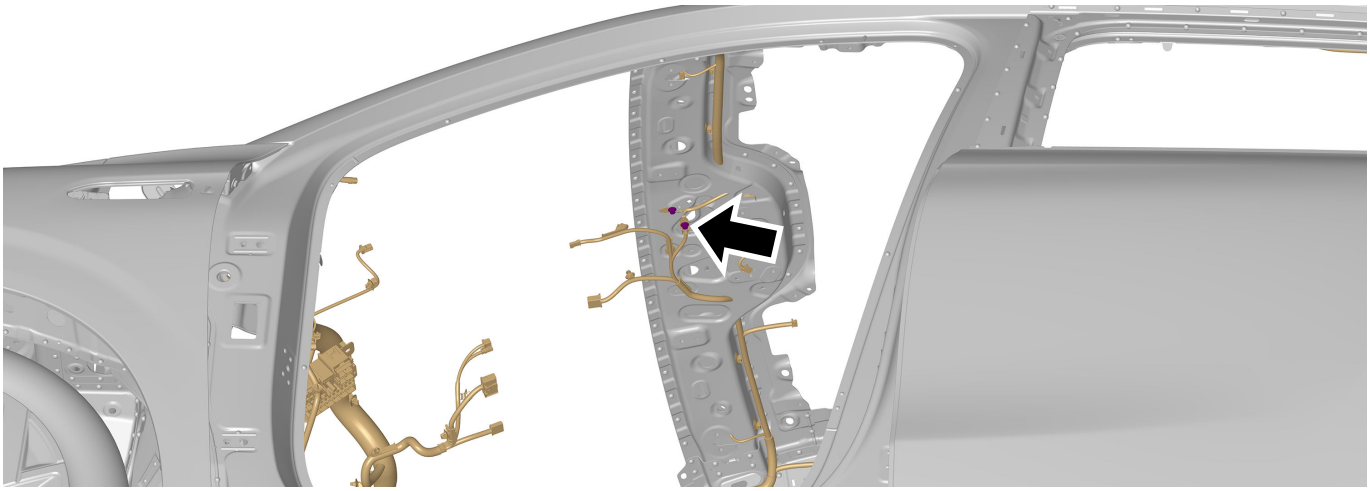


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3.3.3 IPG03

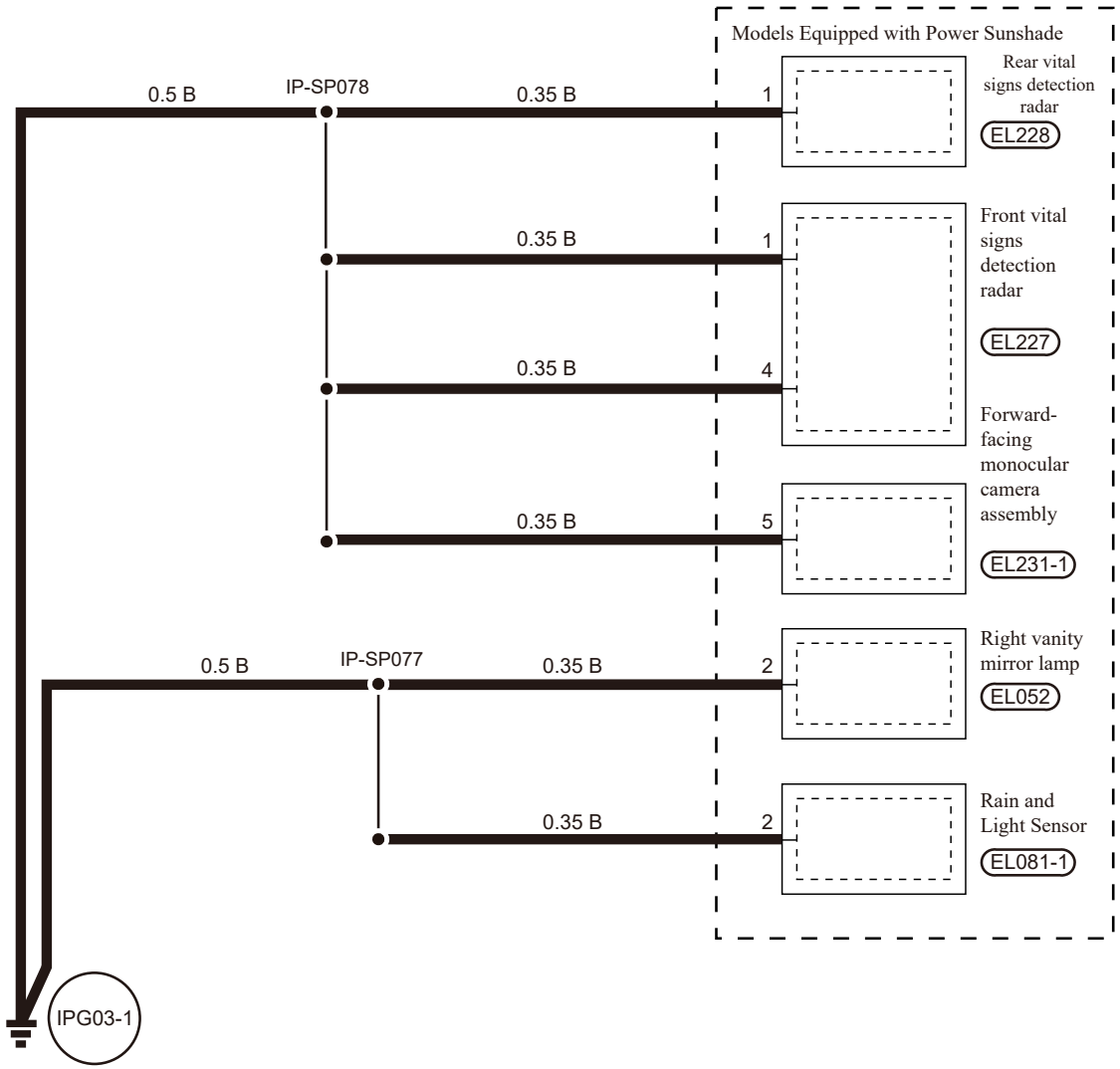


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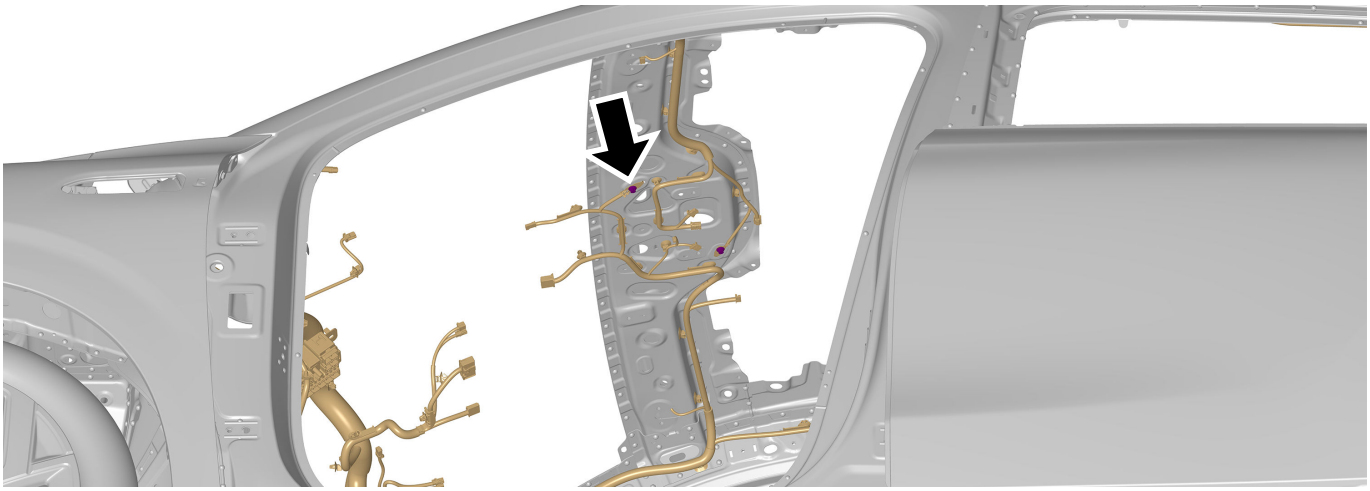


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3.3.4 IPG03-1

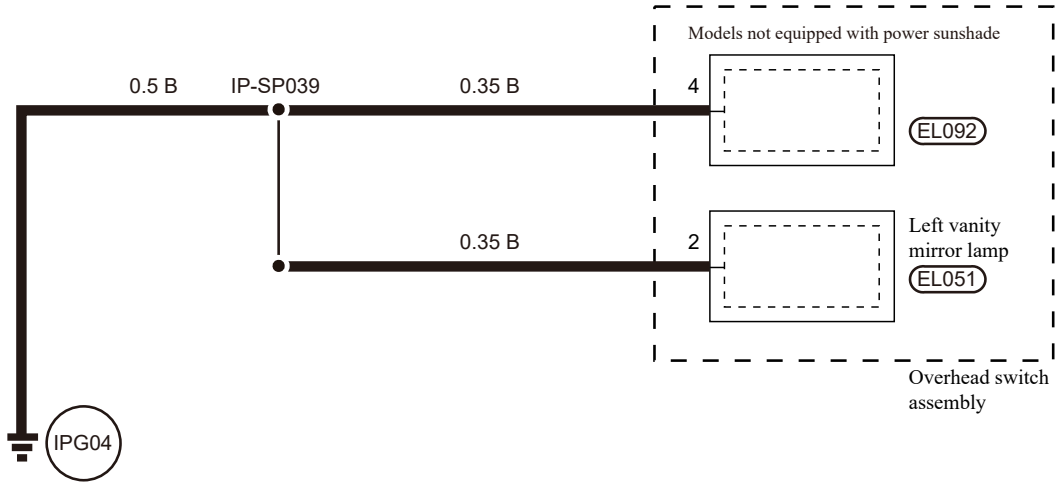


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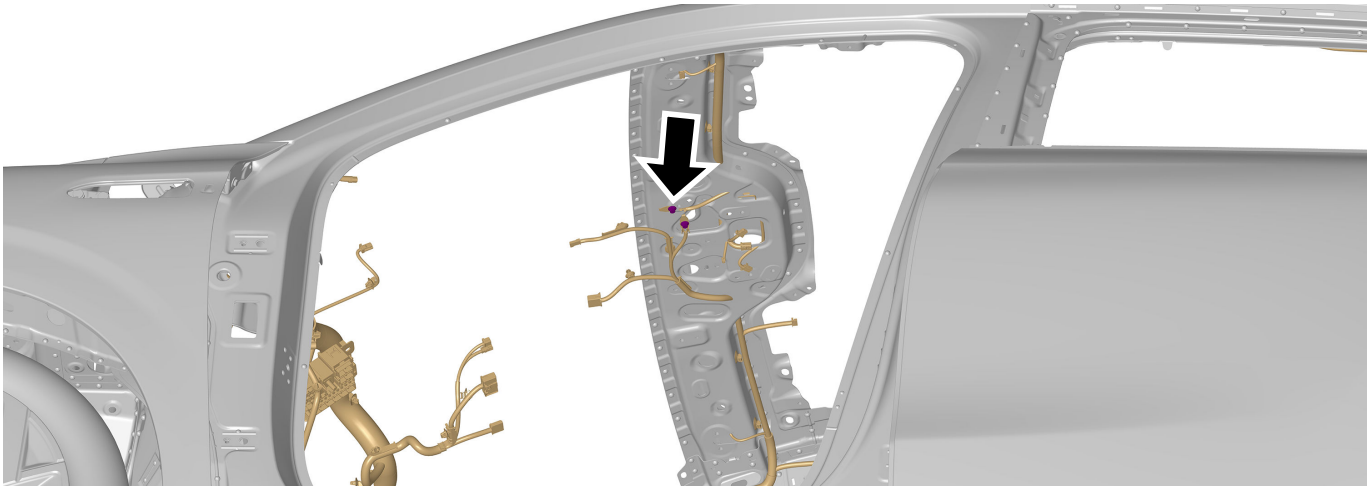


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3.3.5 IPG04

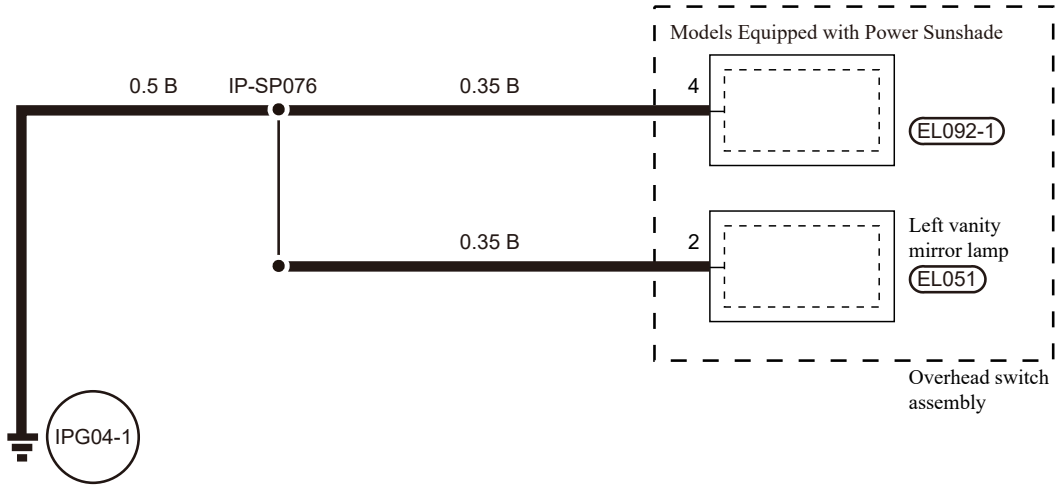


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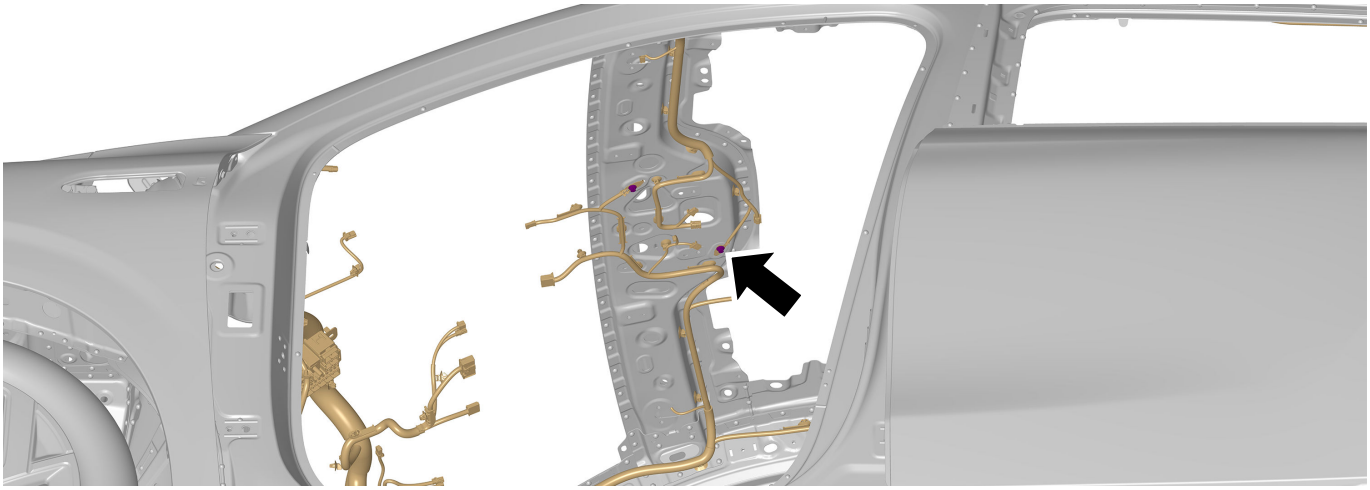


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3.3.6 IPG04-1



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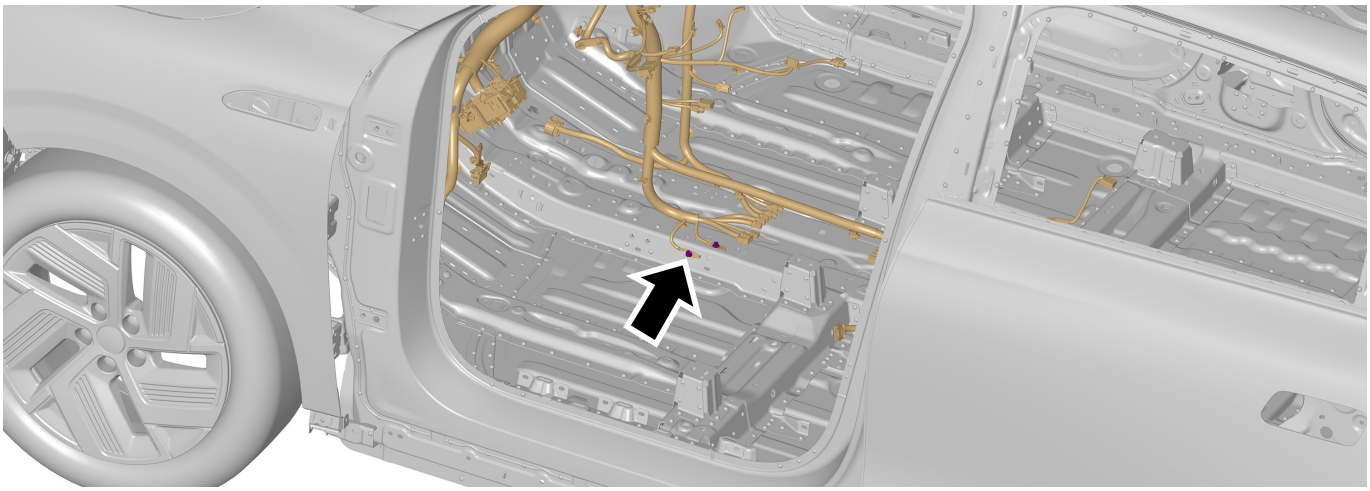


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3.3.7 IPG05

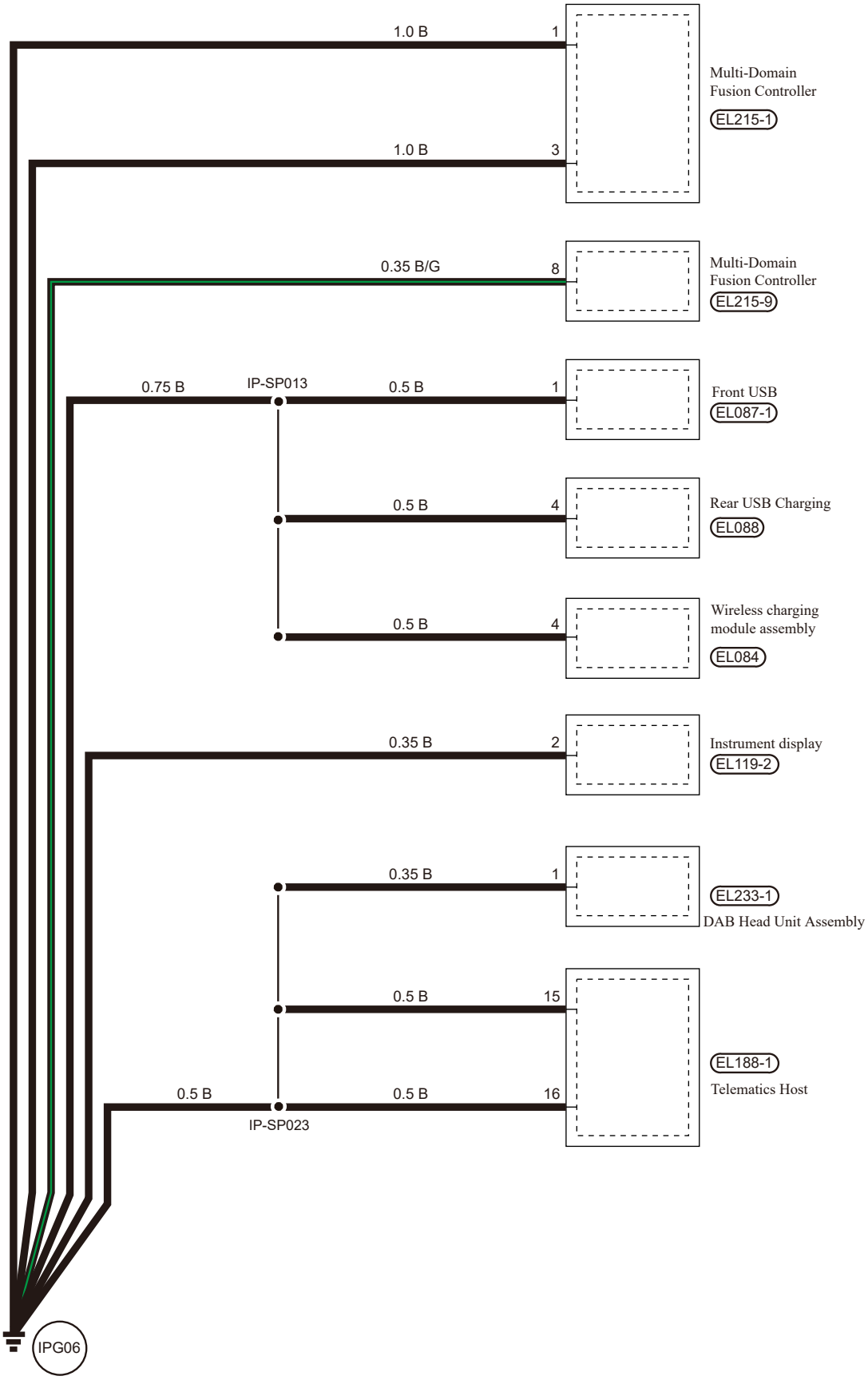


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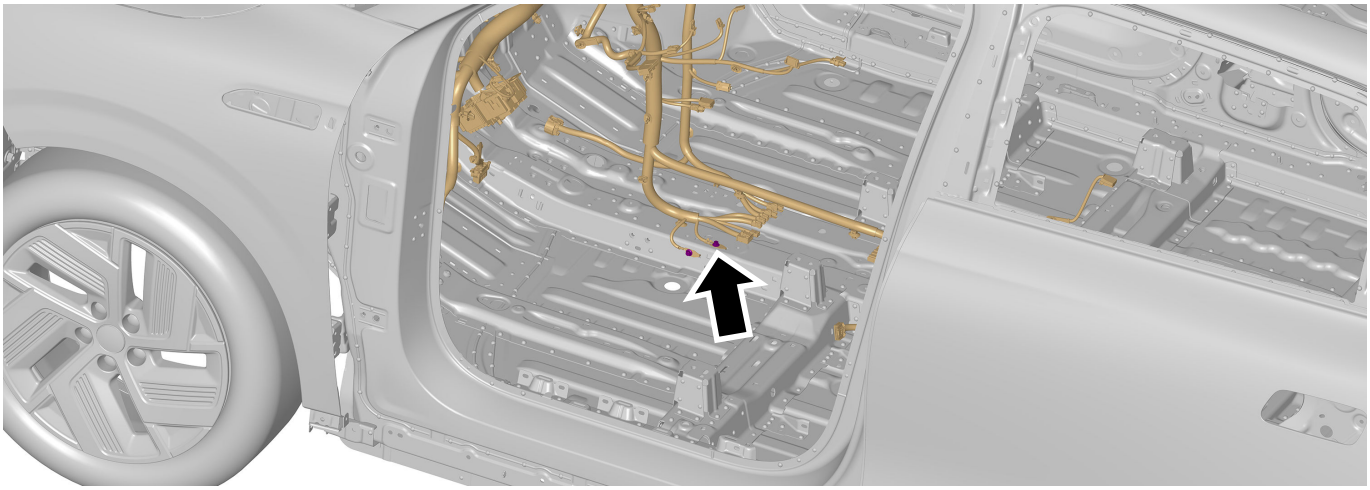
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3.3.8 IPG06



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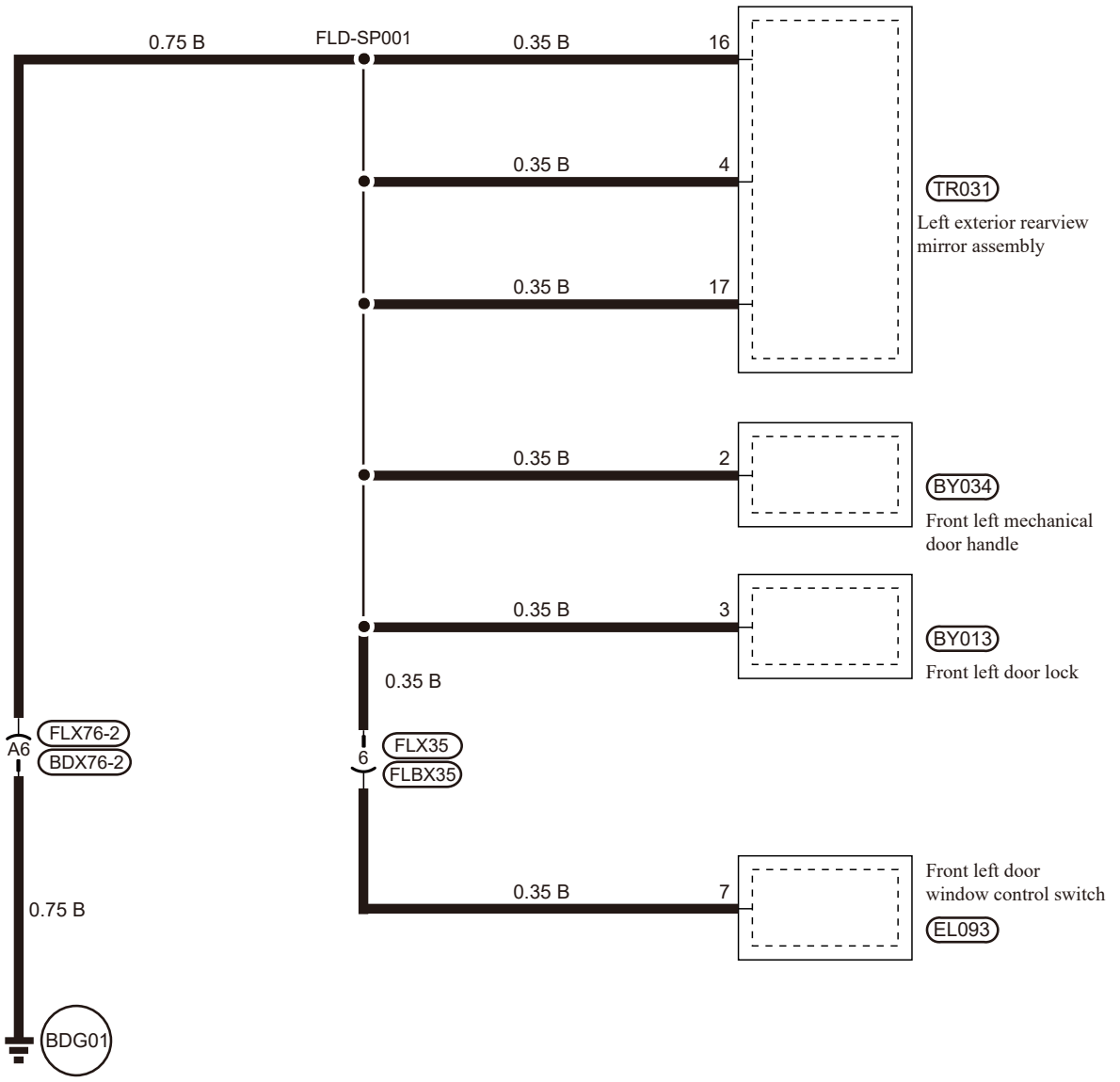
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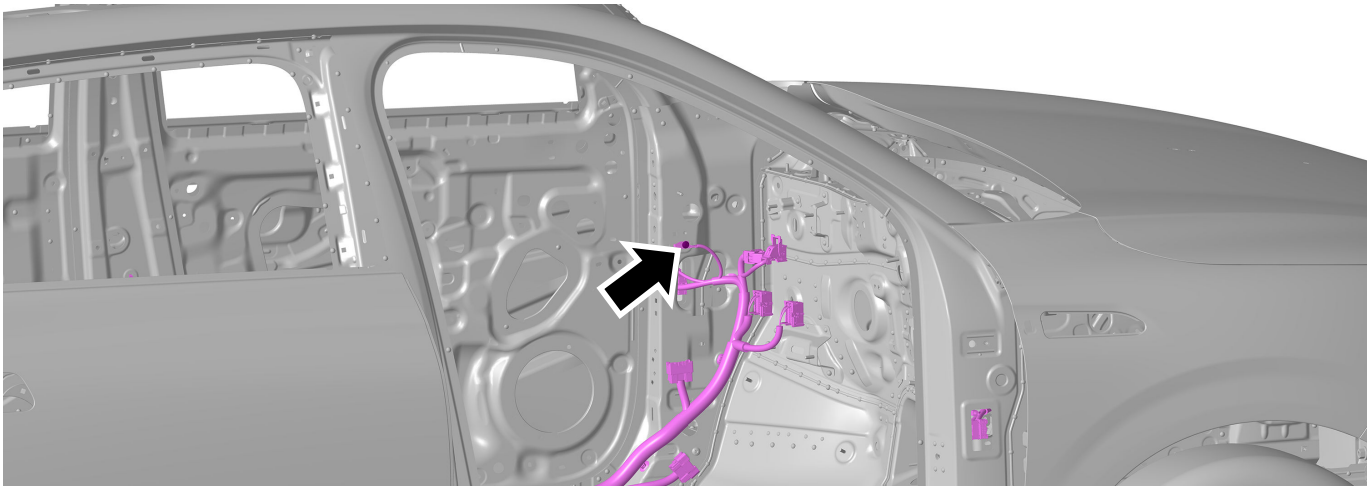
3.4 3.4 FLOOR WIRING HARNESS GROUND POINT

3.4.1 BDG01



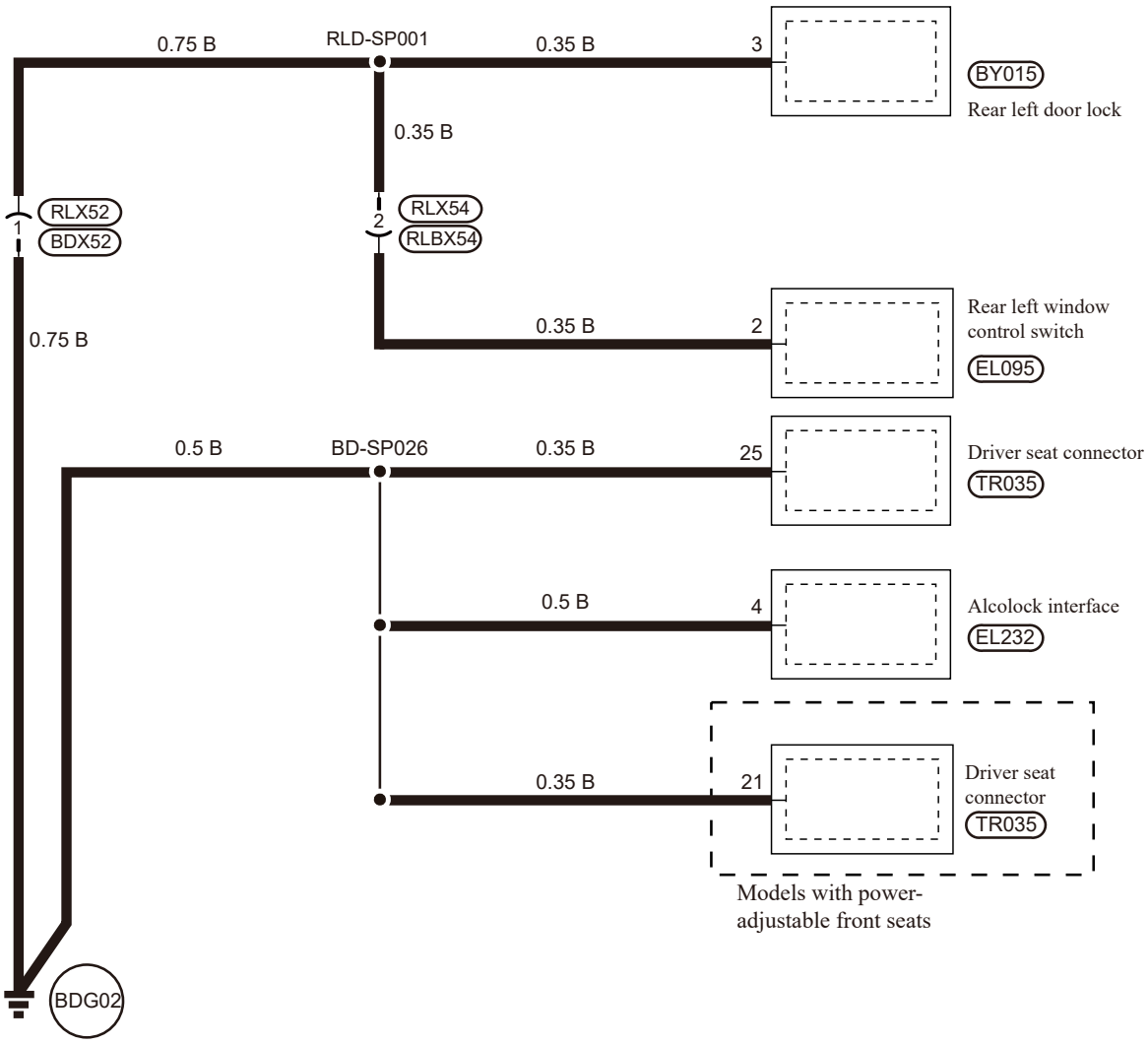
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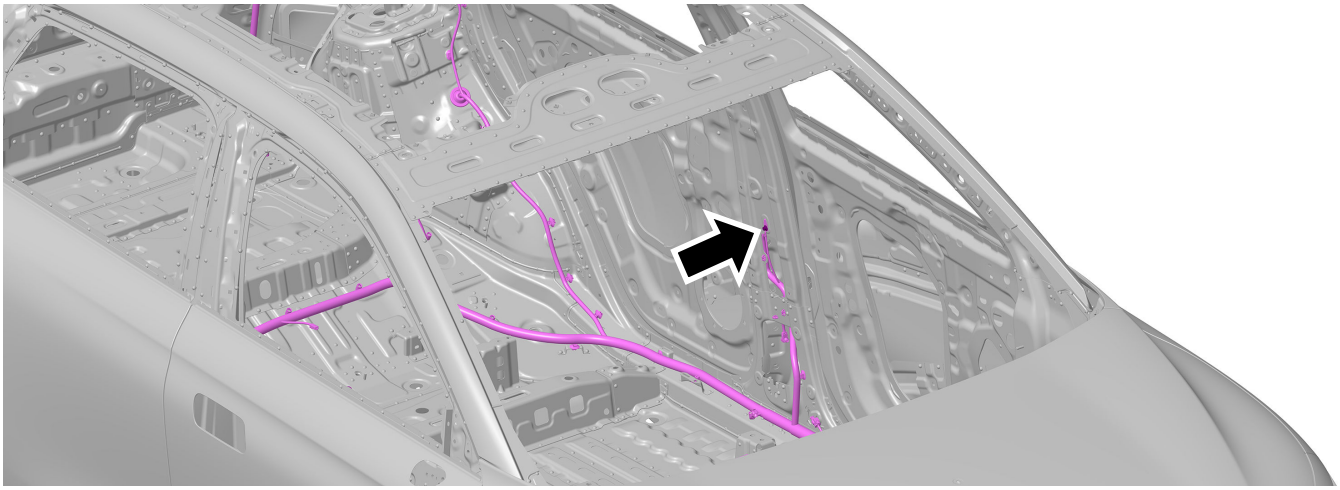


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3.4.2 BDG02



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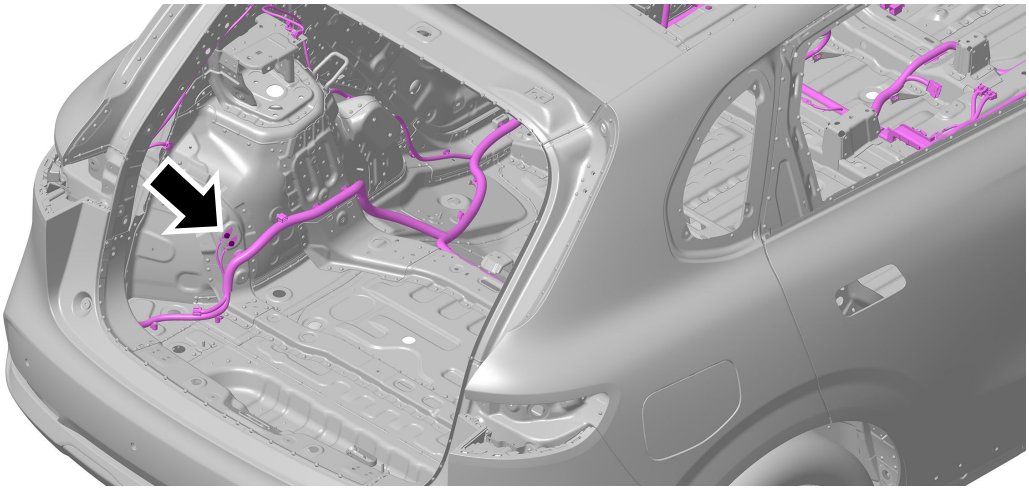


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3.4.3 BDG03



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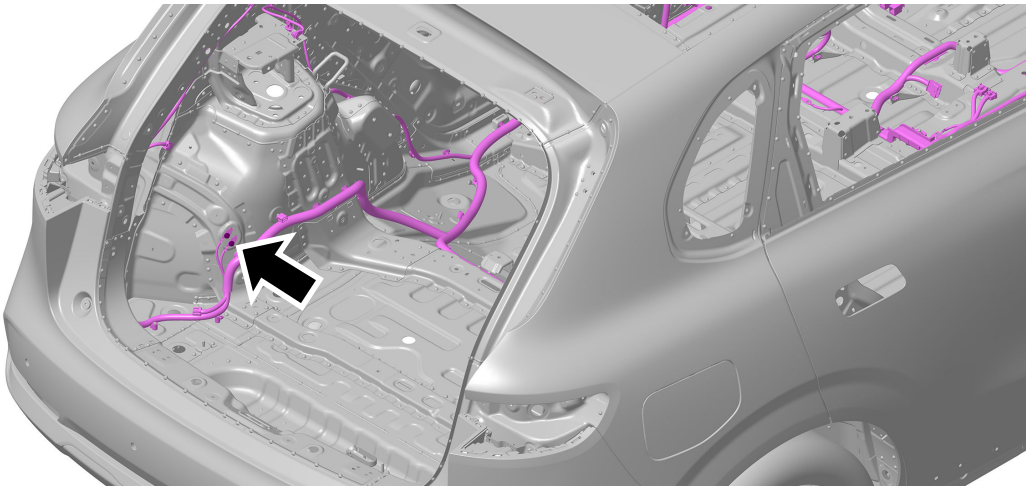


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3.4.4 BDG04

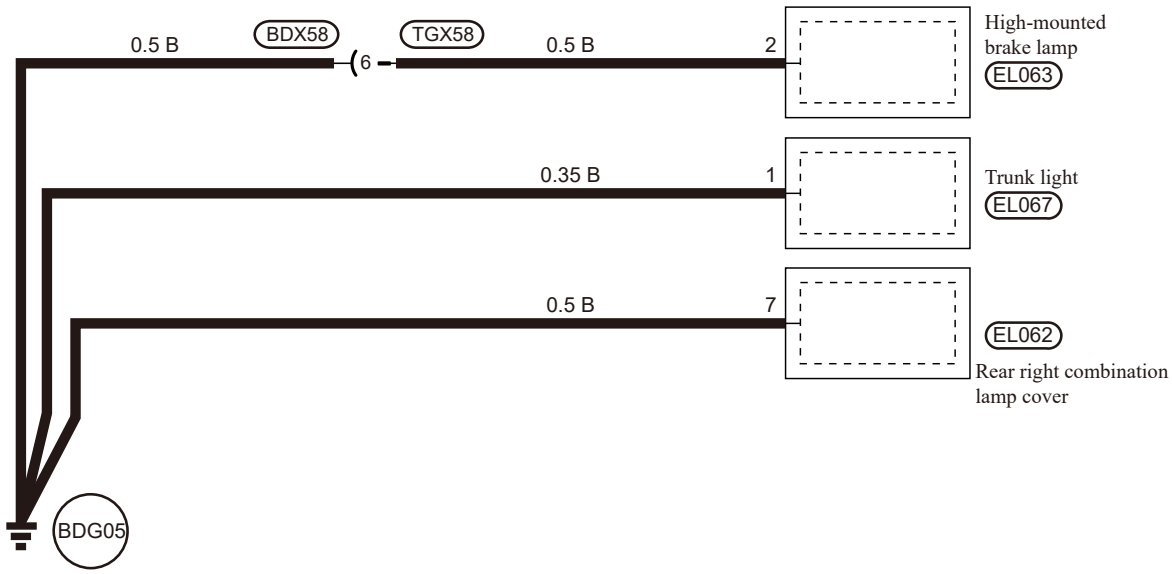


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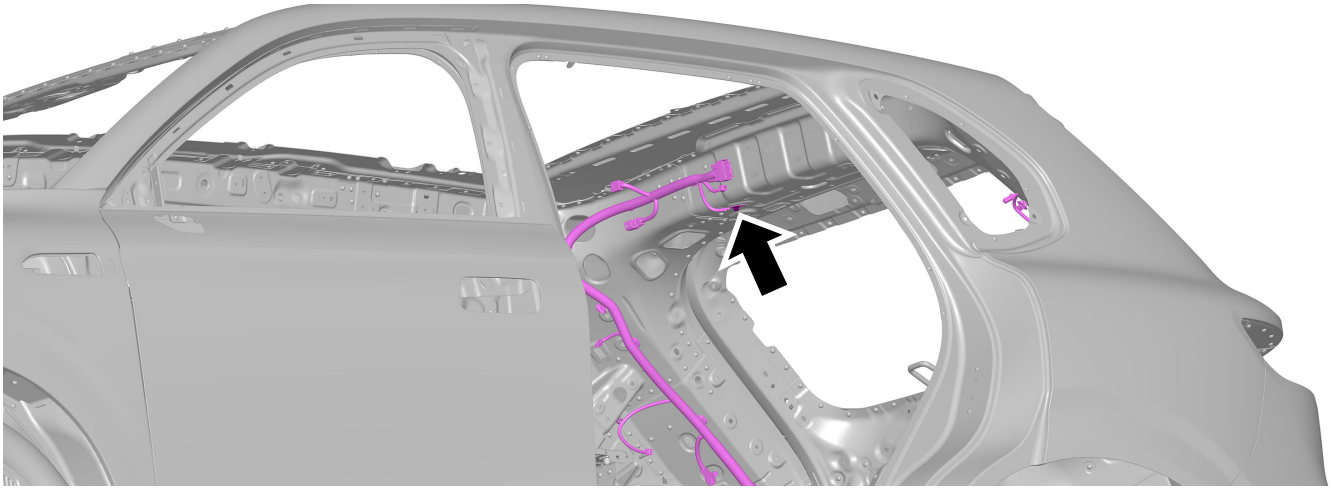


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3.4.5 BDG05

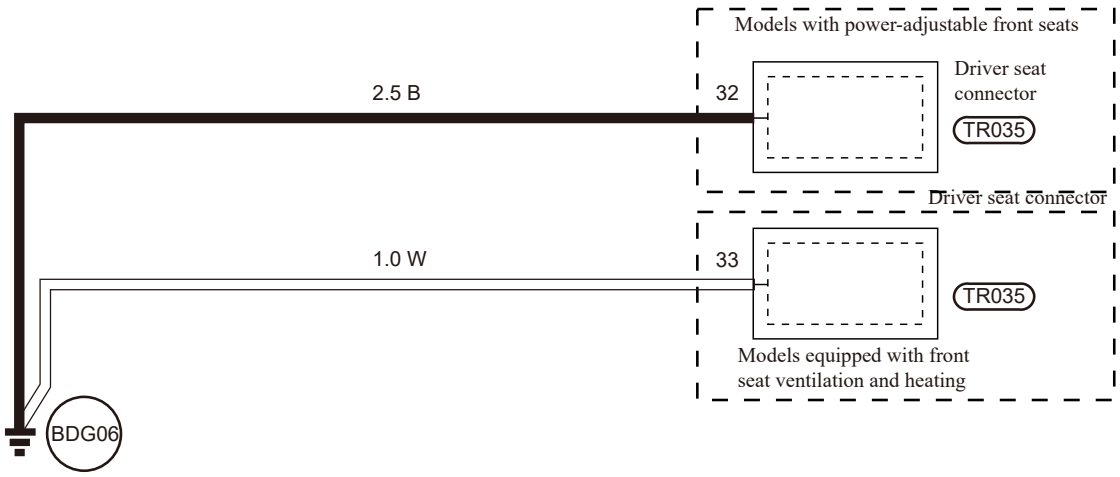


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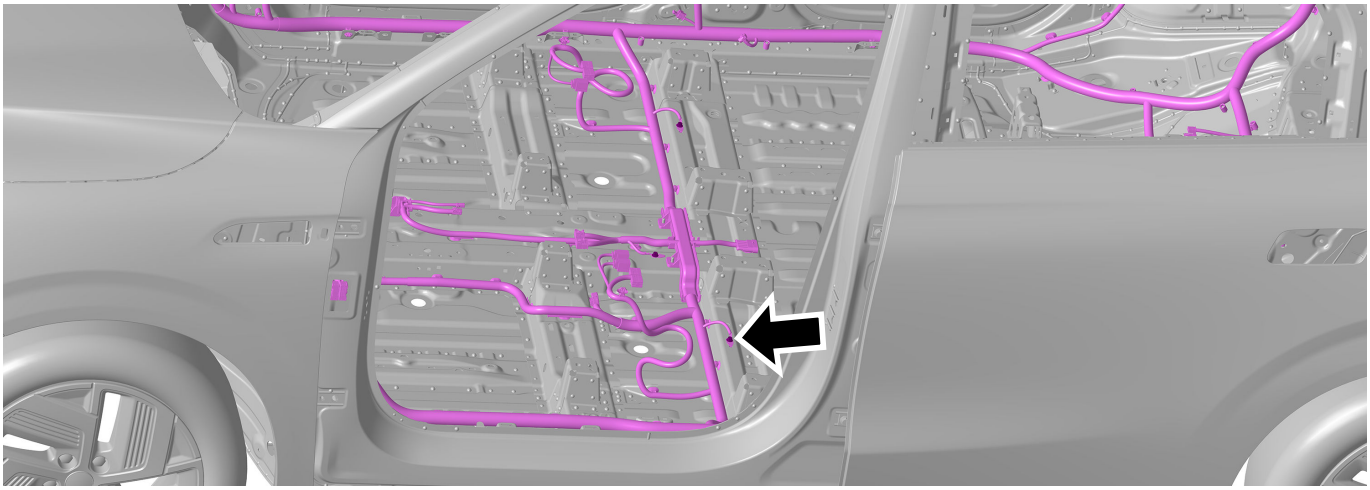


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3.4.6 BDG06

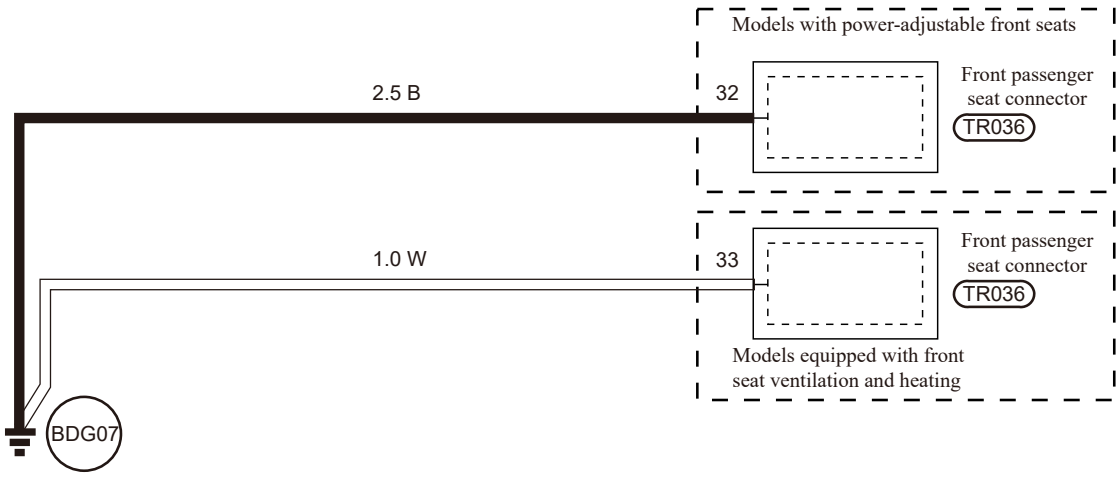


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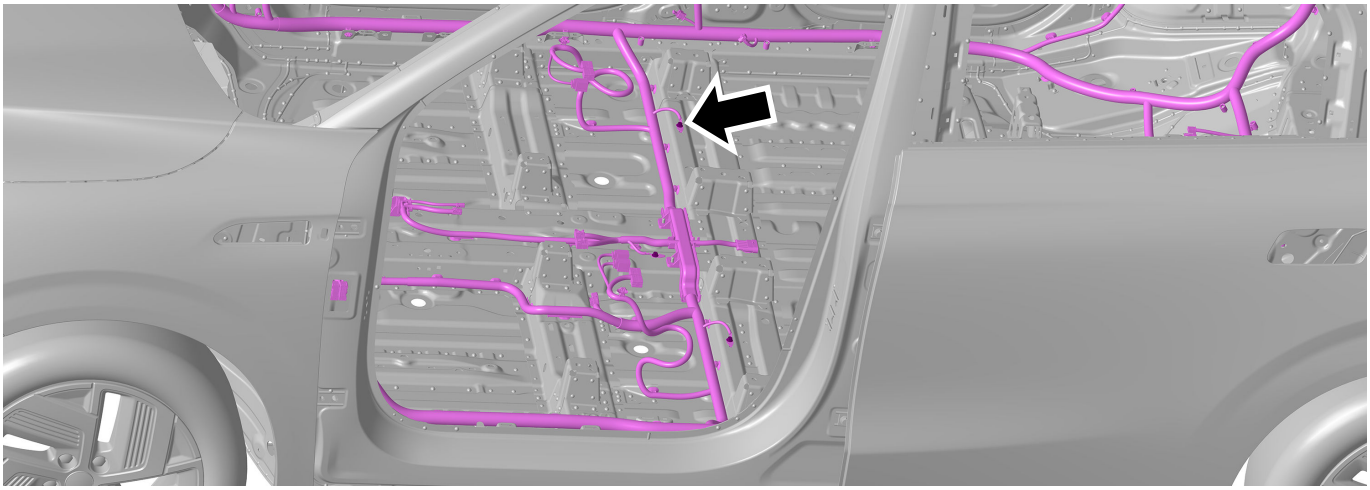


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3.4.7 BDG07

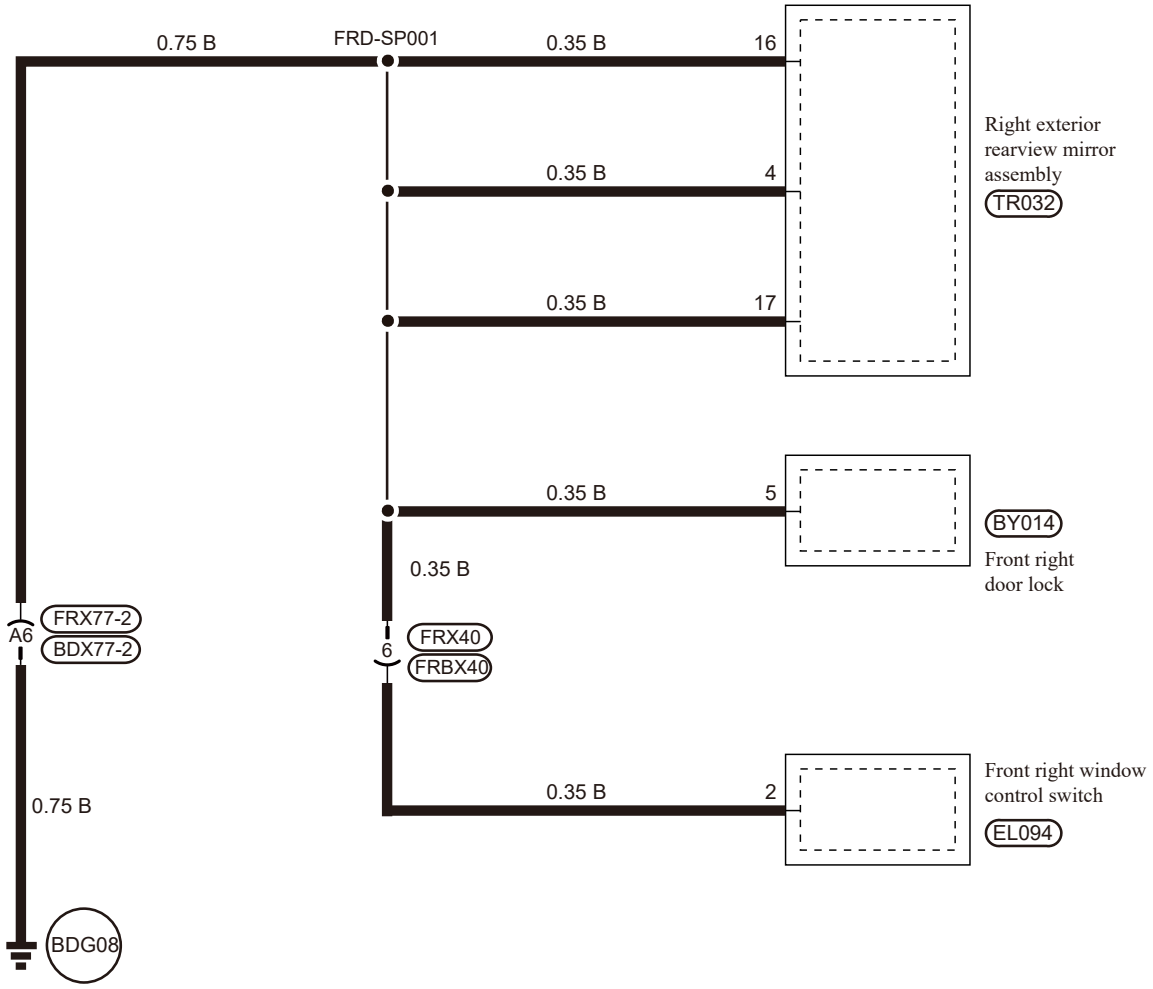


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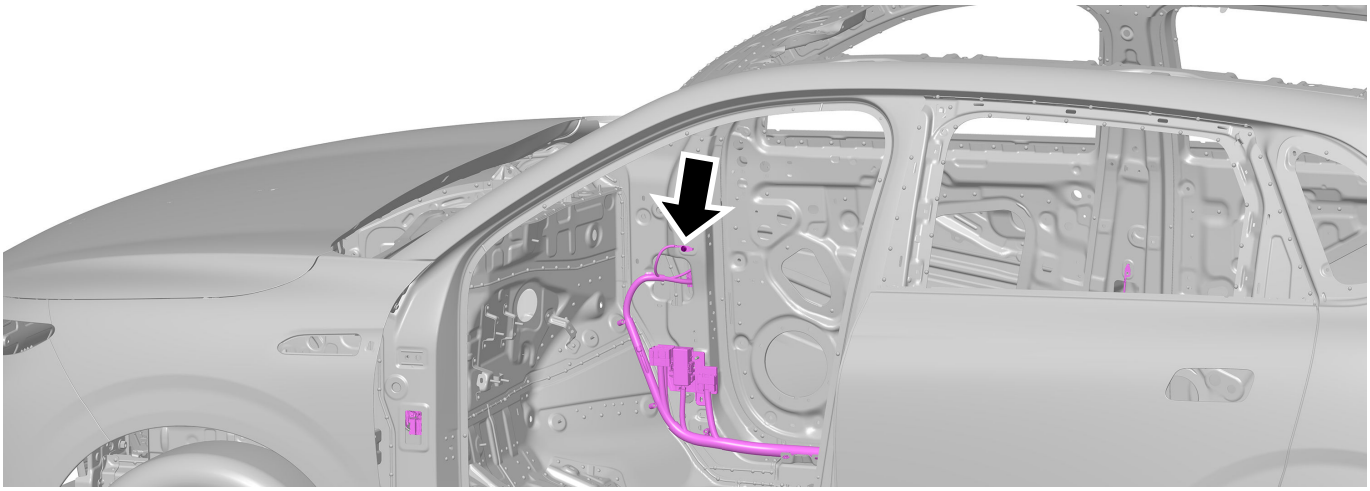


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3.4.8 BDG08

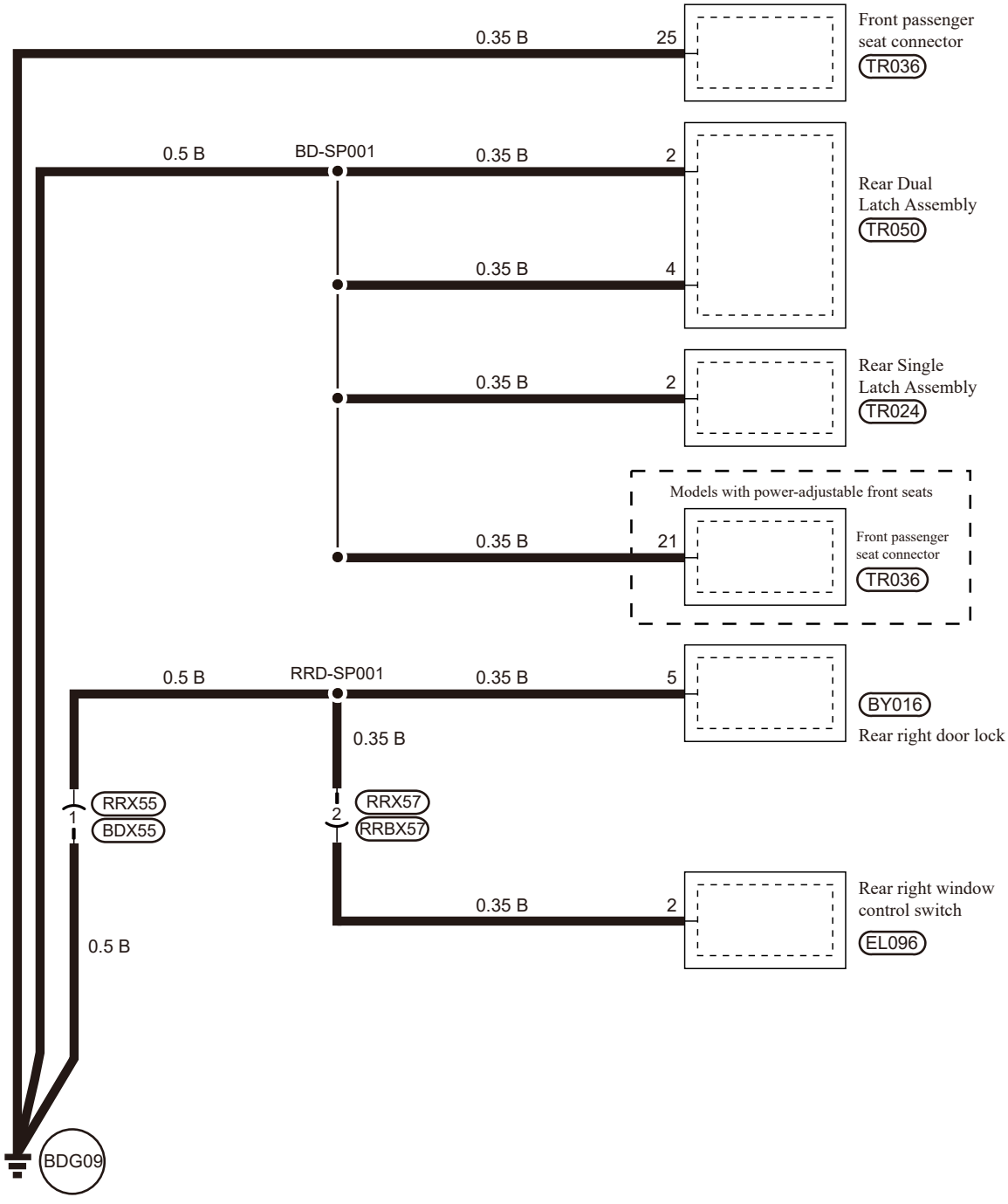


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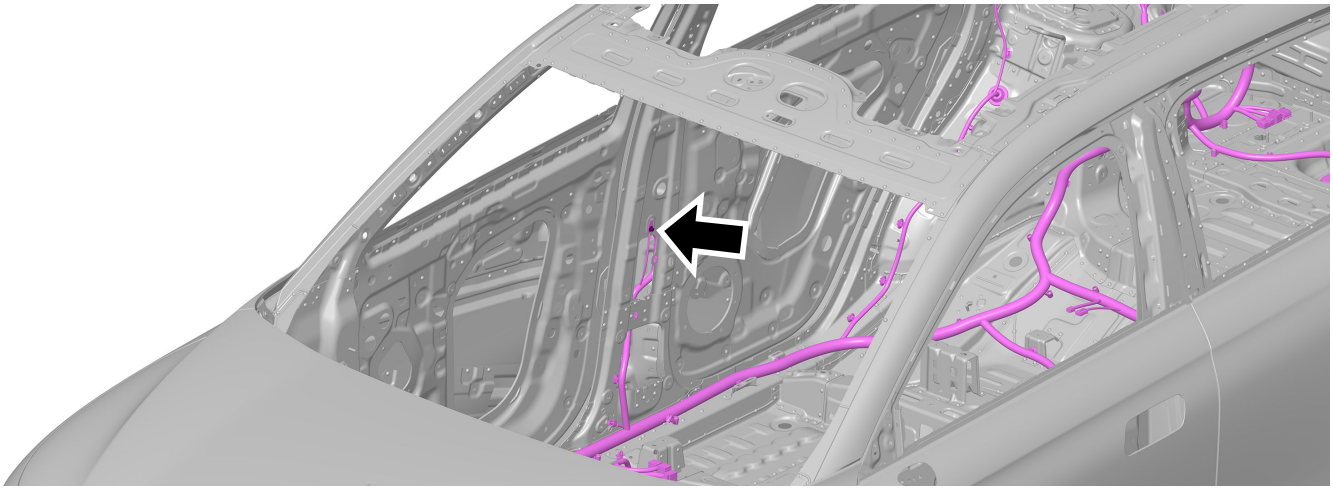
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3.4.9 BDG09



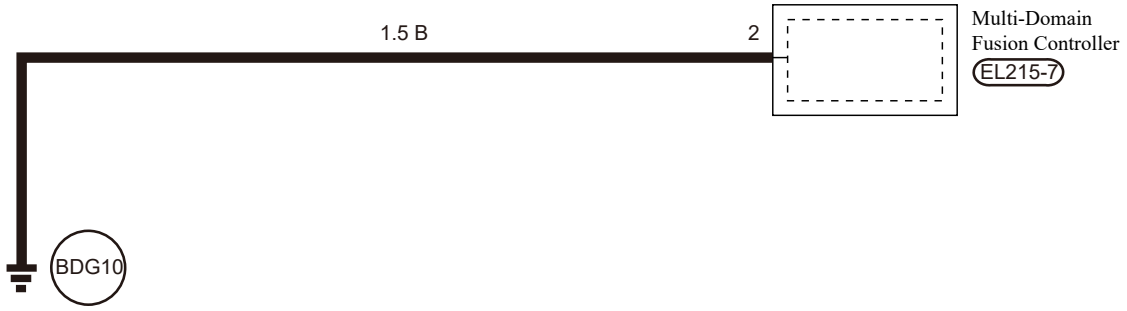
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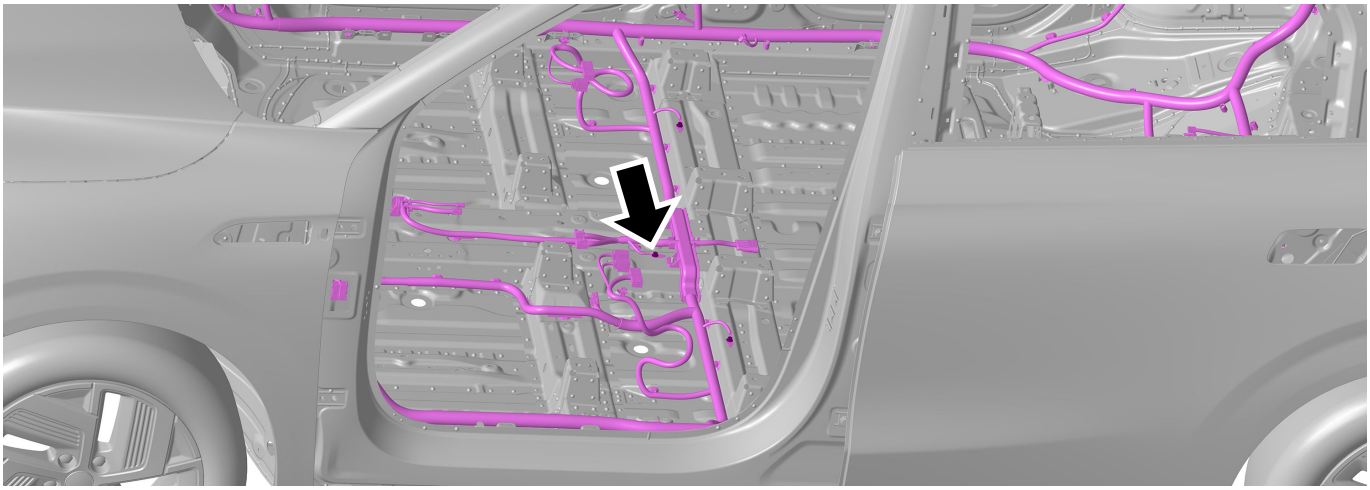


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3.4.10 BDG10

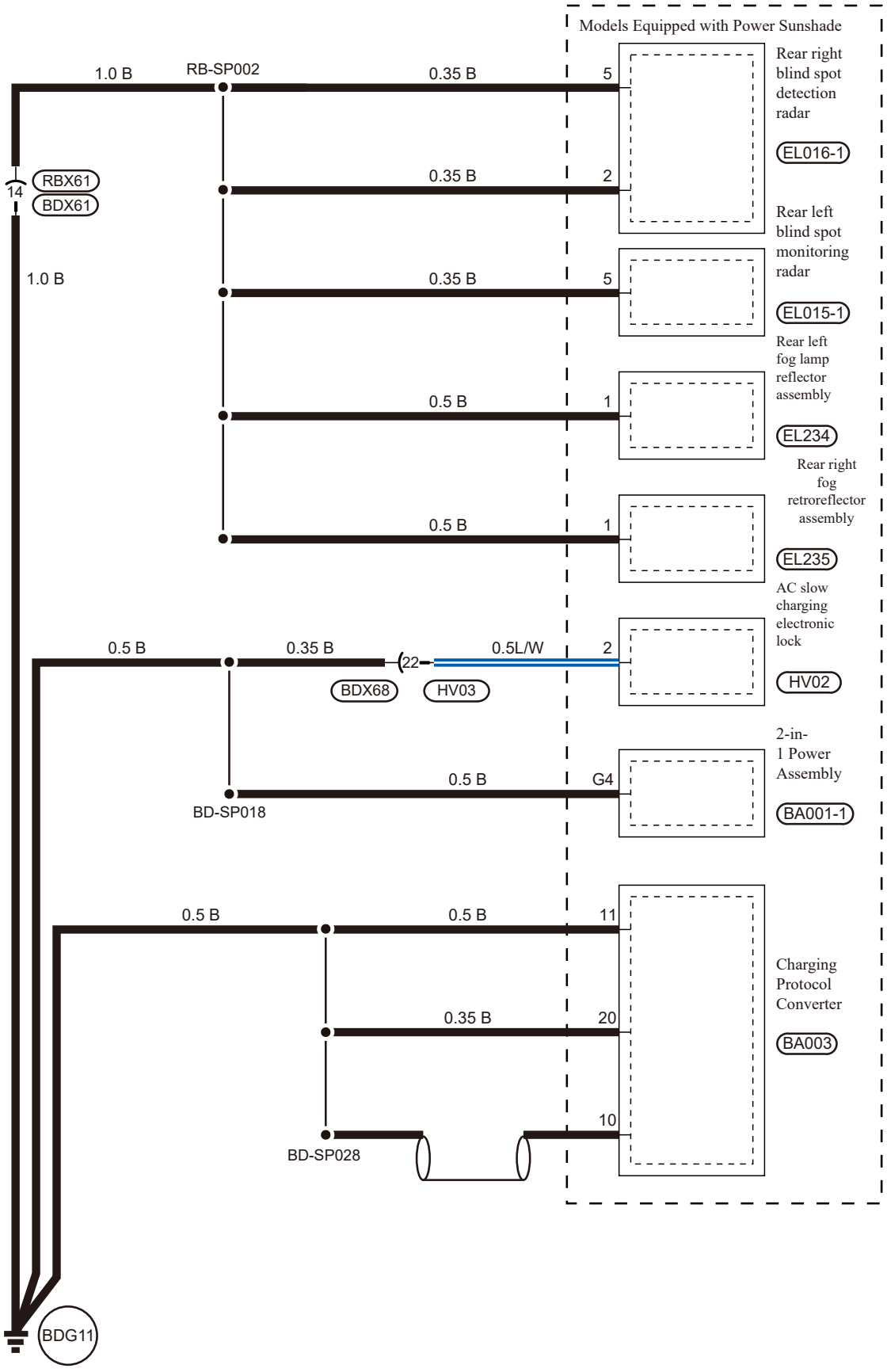


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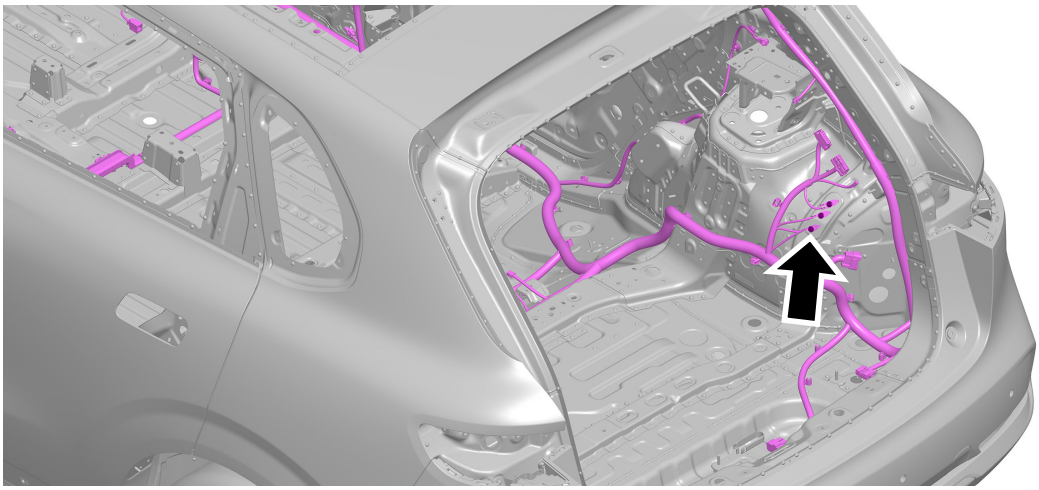
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3.4.11 BDG11



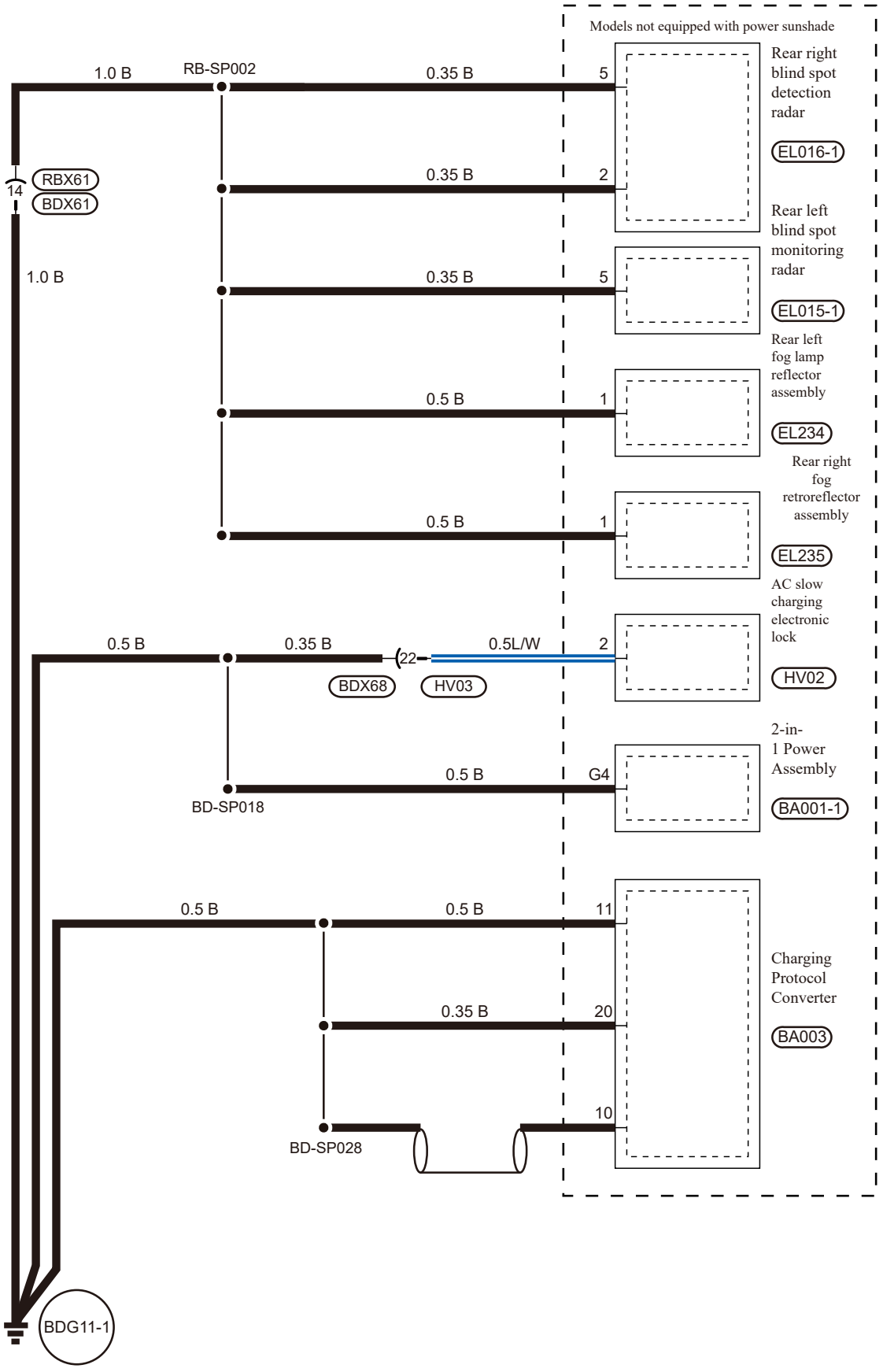
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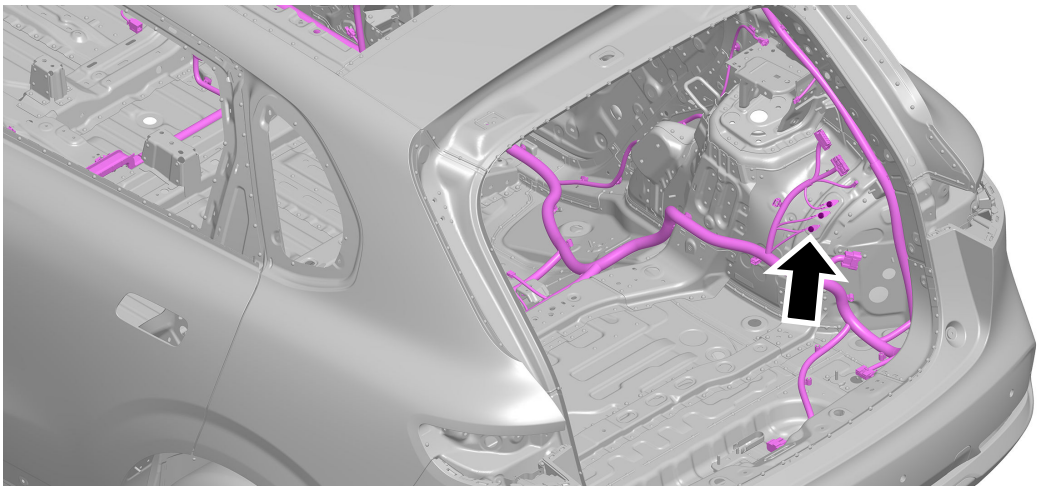
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3.4.12 BDG11-1



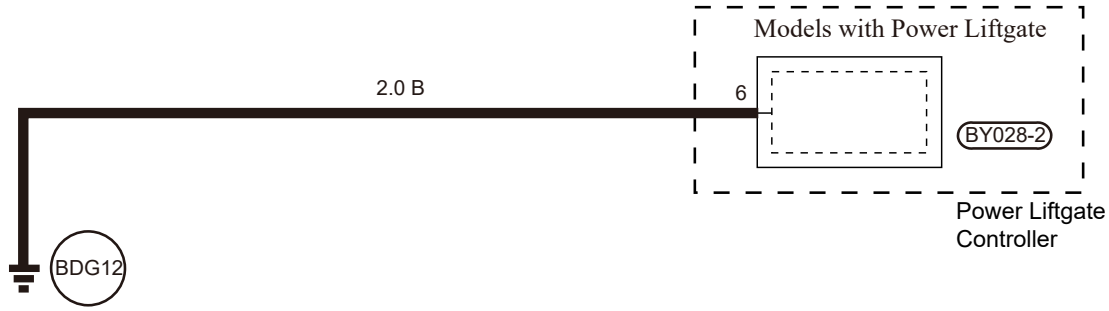
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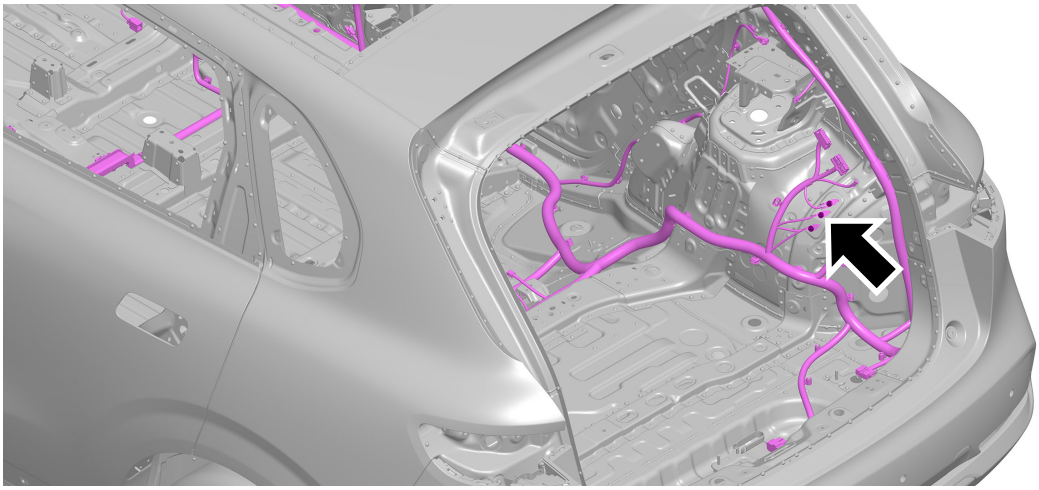


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3.4.13 BDG12

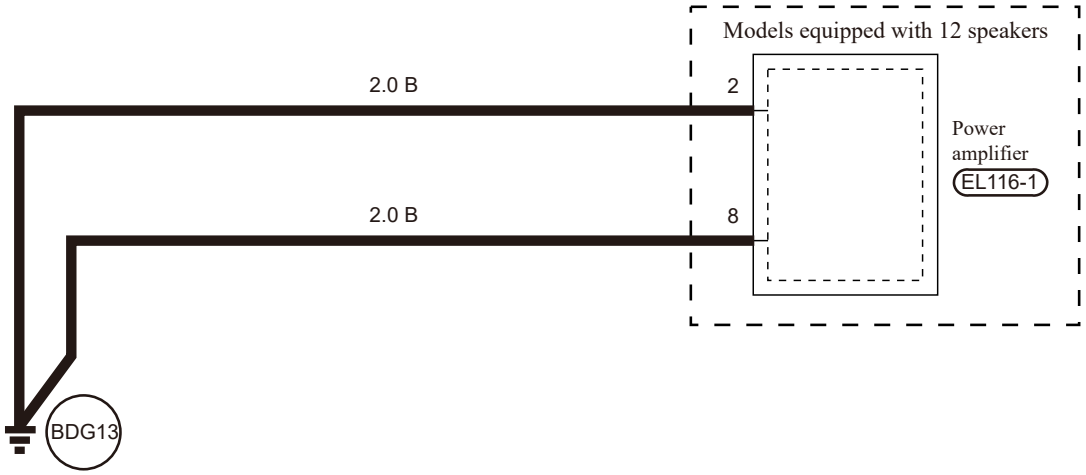


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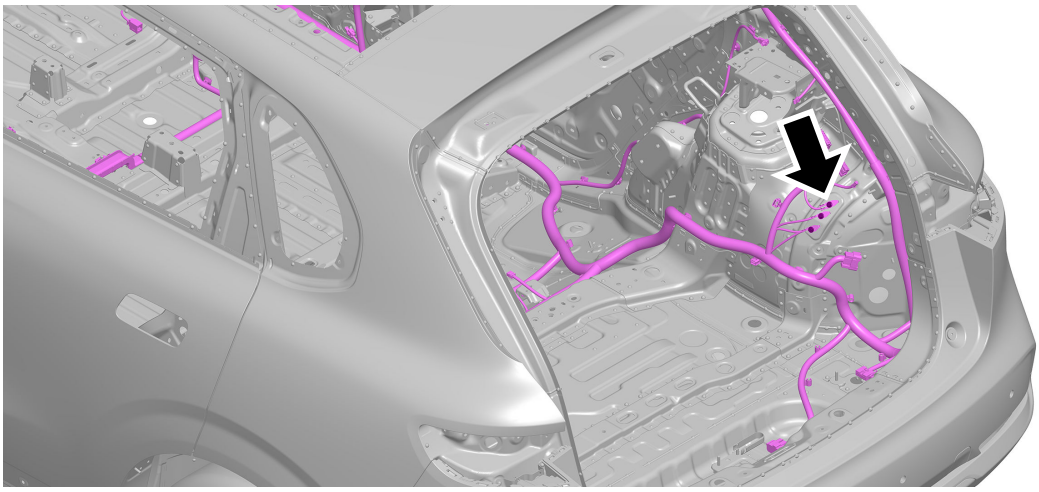


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3.4.14 BDG13



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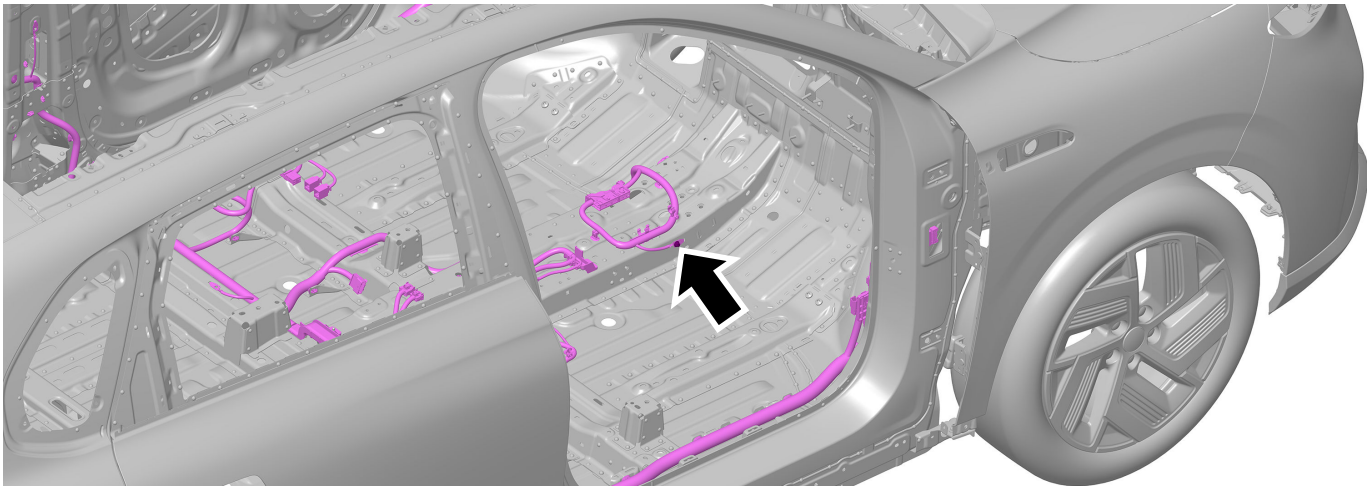


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3.4.15 BDG14

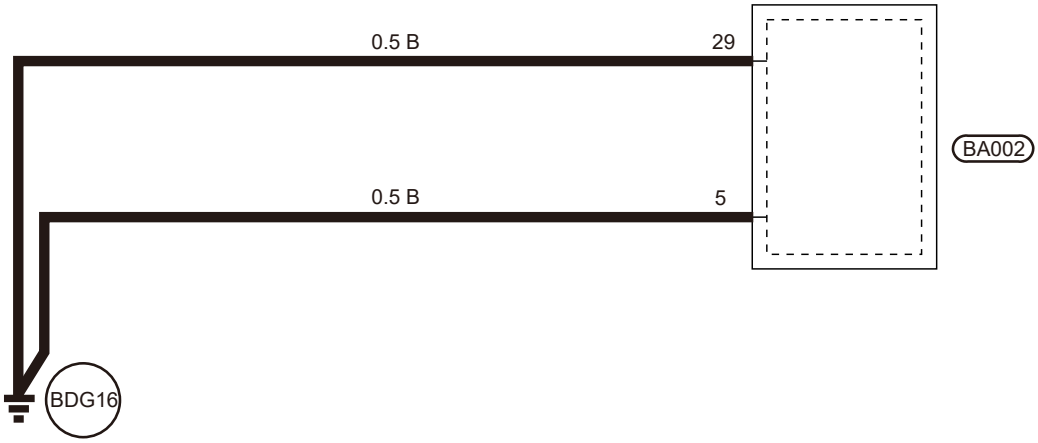


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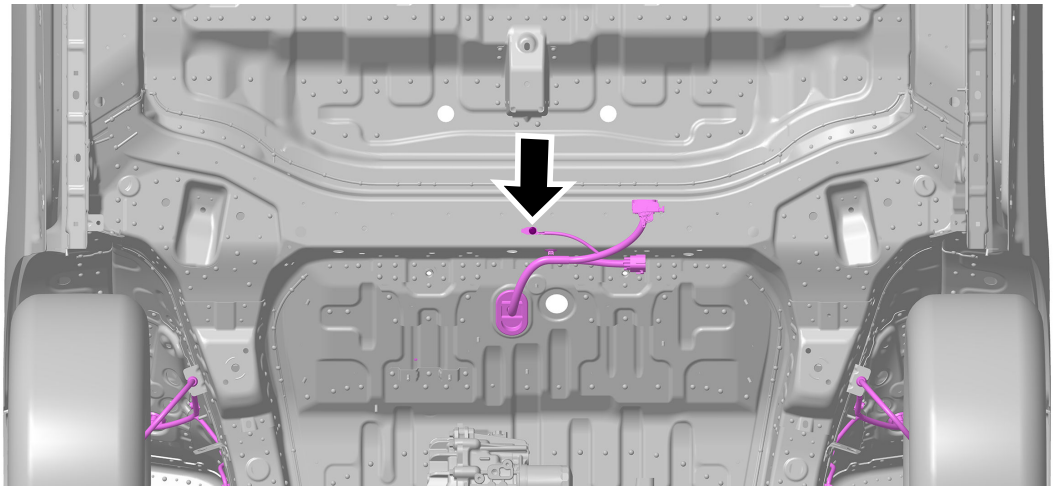


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3.4.16 BDG16



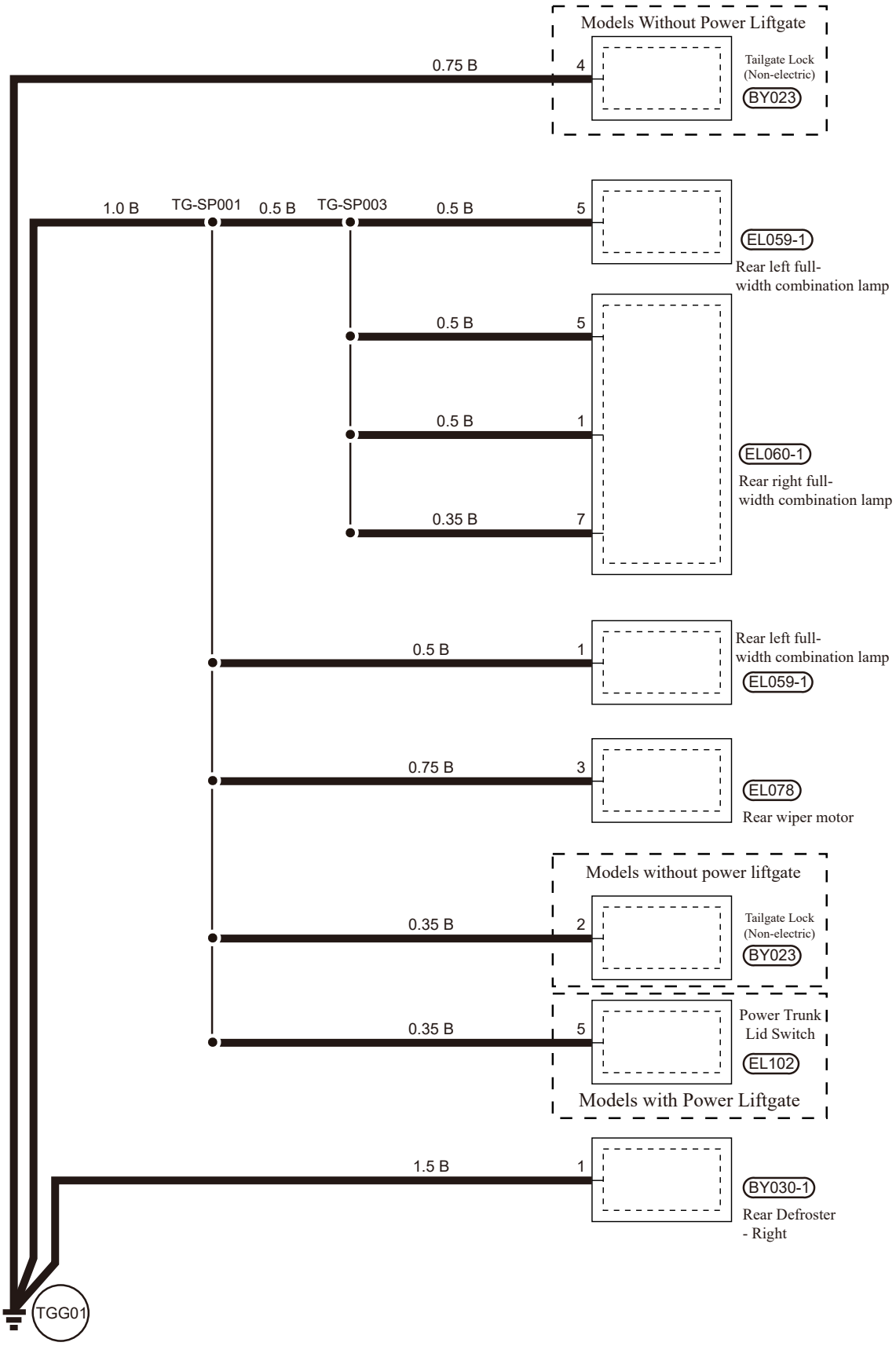
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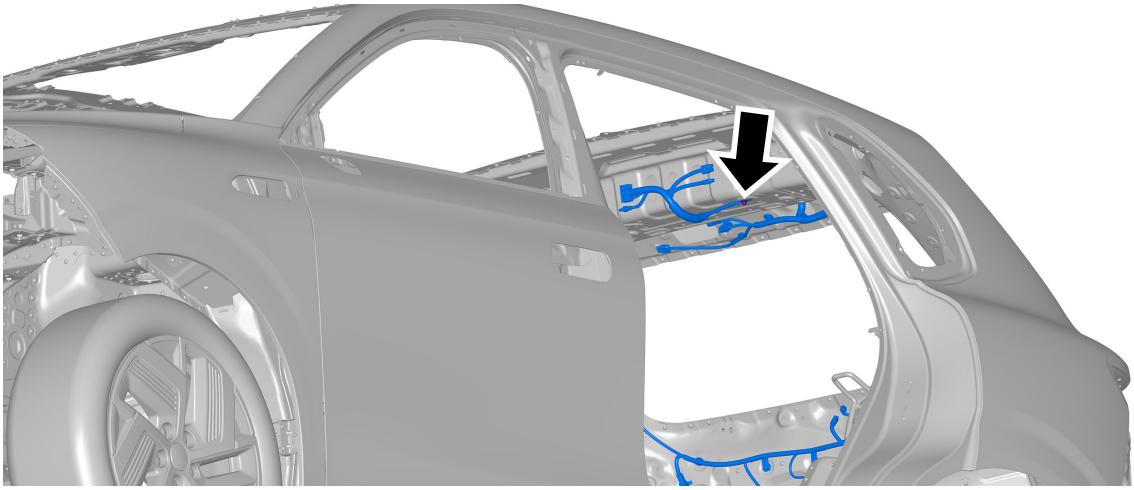
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3.5 3.5 LIFTGATE WIRING HARNESS GROUND POINT

3.5.1 TGG01



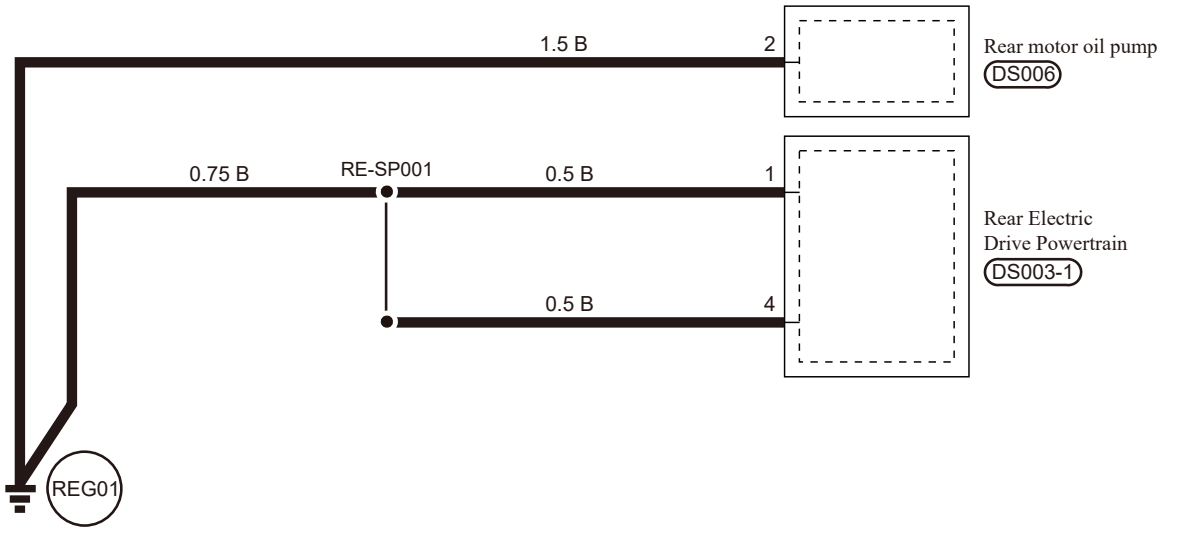
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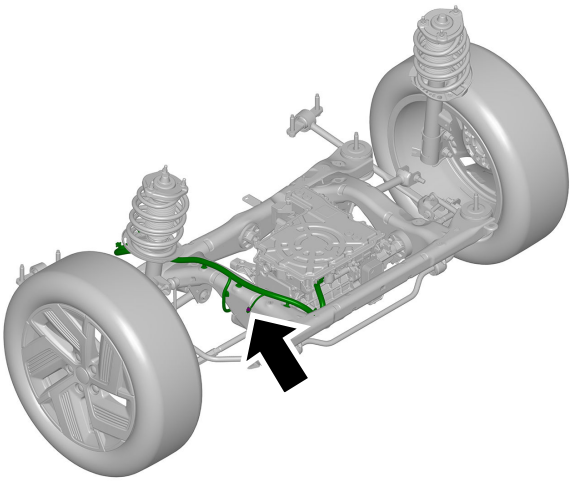
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3.6 3.6 REAR SUBFRAME WIRING HARNESS GROUND POINT

3.6.1 REG01



B10ECM030501



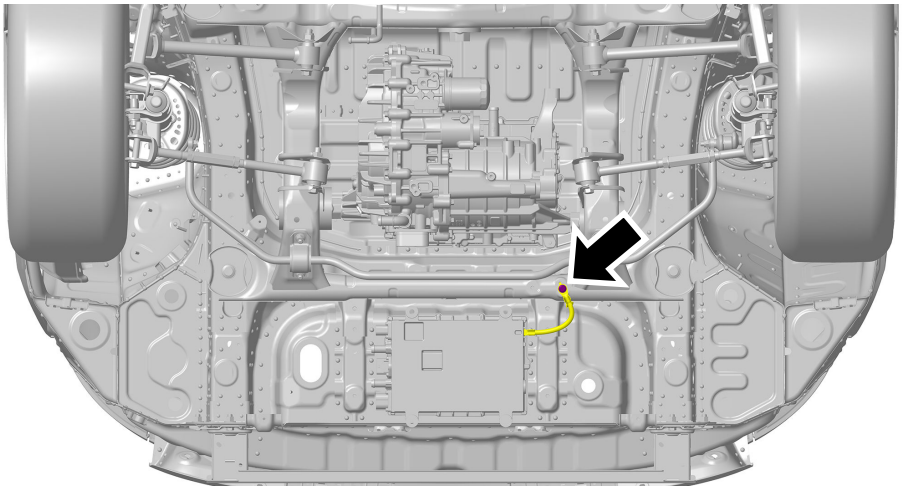
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3.7 3.7DCDC NEGATIVE GROUND WIRING HARNESS GROUND POINT

3.7.1 DG001



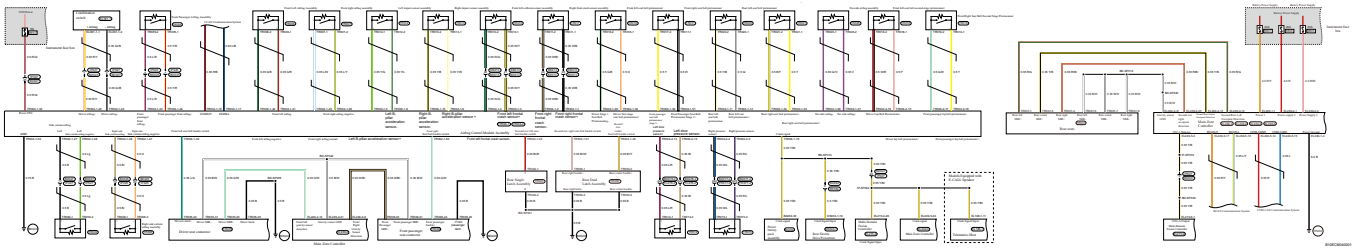
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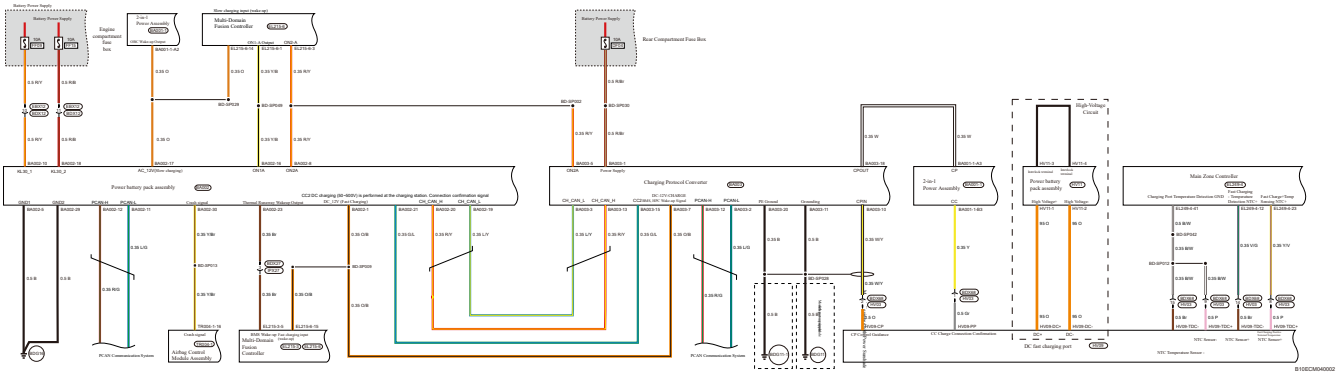
4 4. SYSTEM CIRCUIT DIAGRAM

4.1 4.1 AIRBAG CONTROL SYSTEM WIRING DIAGRAM



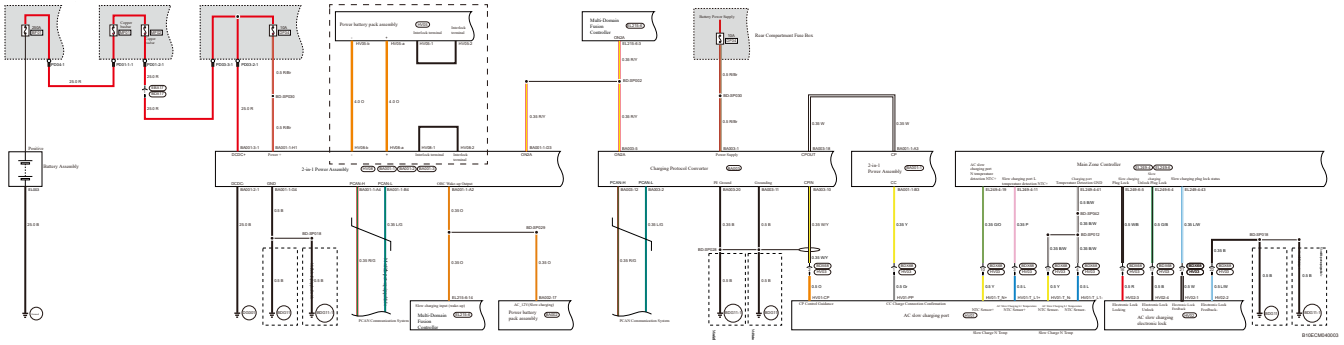
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4.2 4.2 BMS BATTERY MANAGEMENT AND DC FAST CHARGING SYSTEM



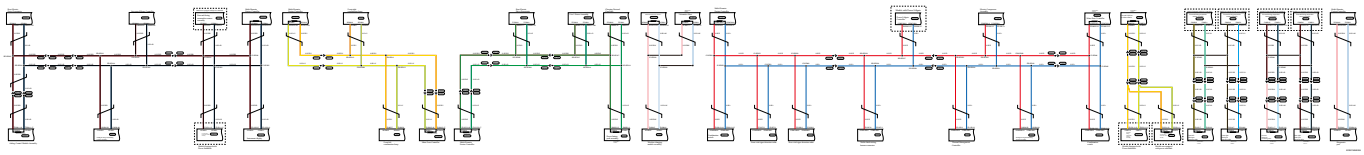
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4.3 4.3 AC SLOW CHARGING SYSTEM



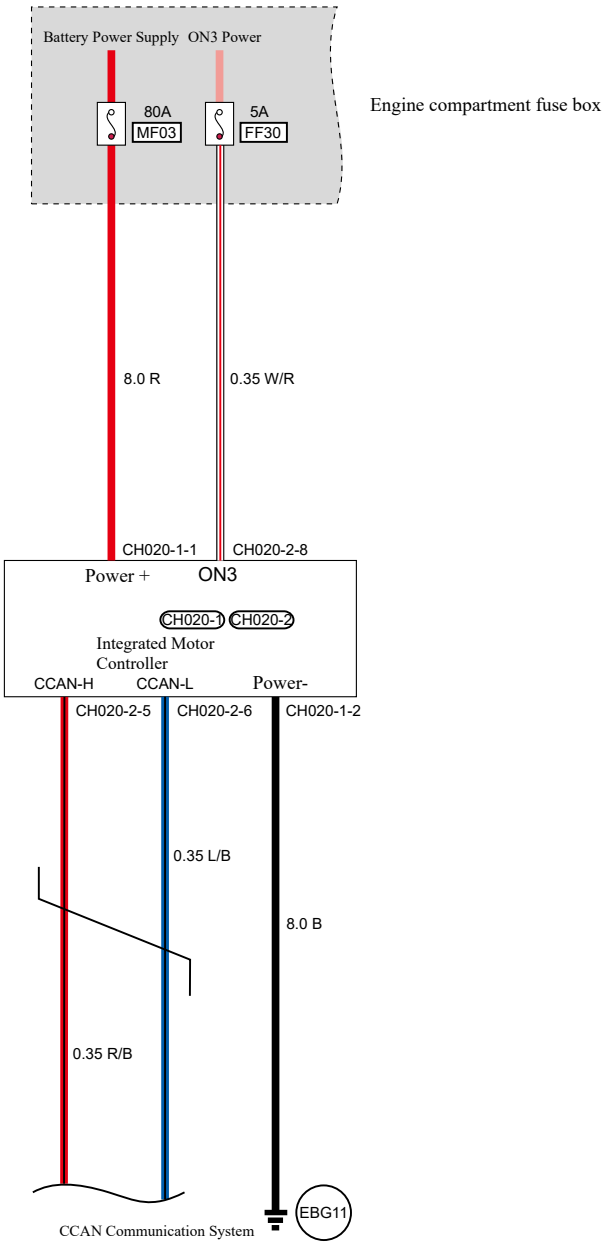
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4.4 4.4 CAN DATA COMMUNICATION SYSTEM WIRING DIAGRAM



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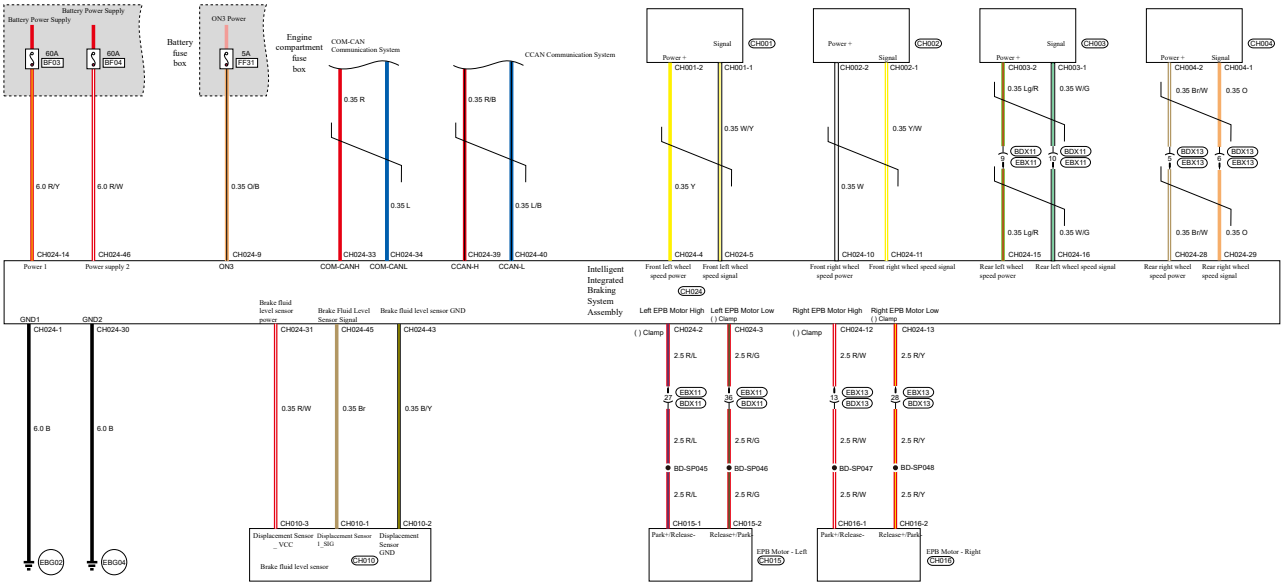
4.5 4.5 ELECTRIC POWER STEERING SYSTEM WIRING DIAGRAM



B10ECM040005

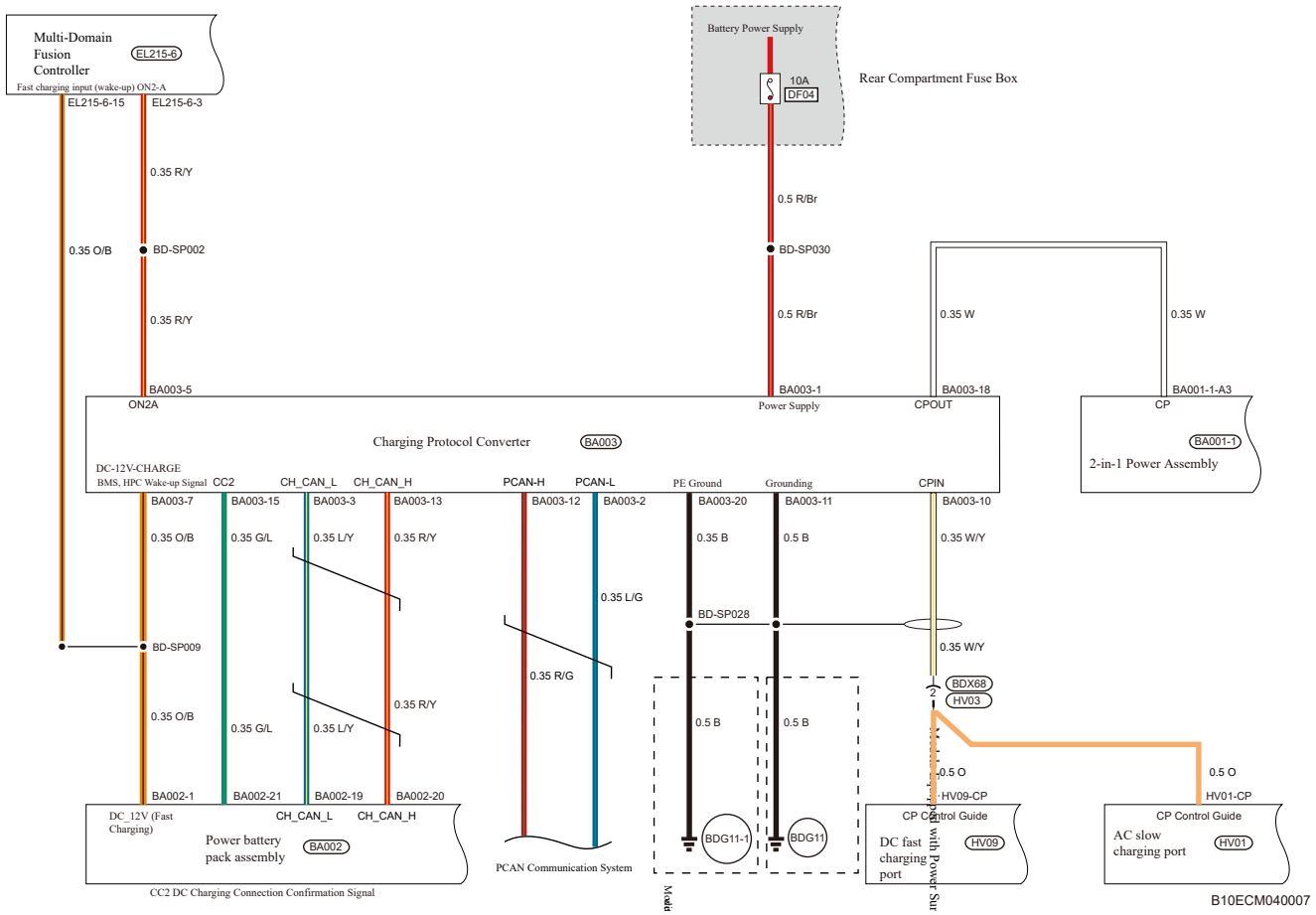
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4.6 4.6 ELECTRONIC STABILITY CONTROL SYSTEM WIRING DIAGRAM



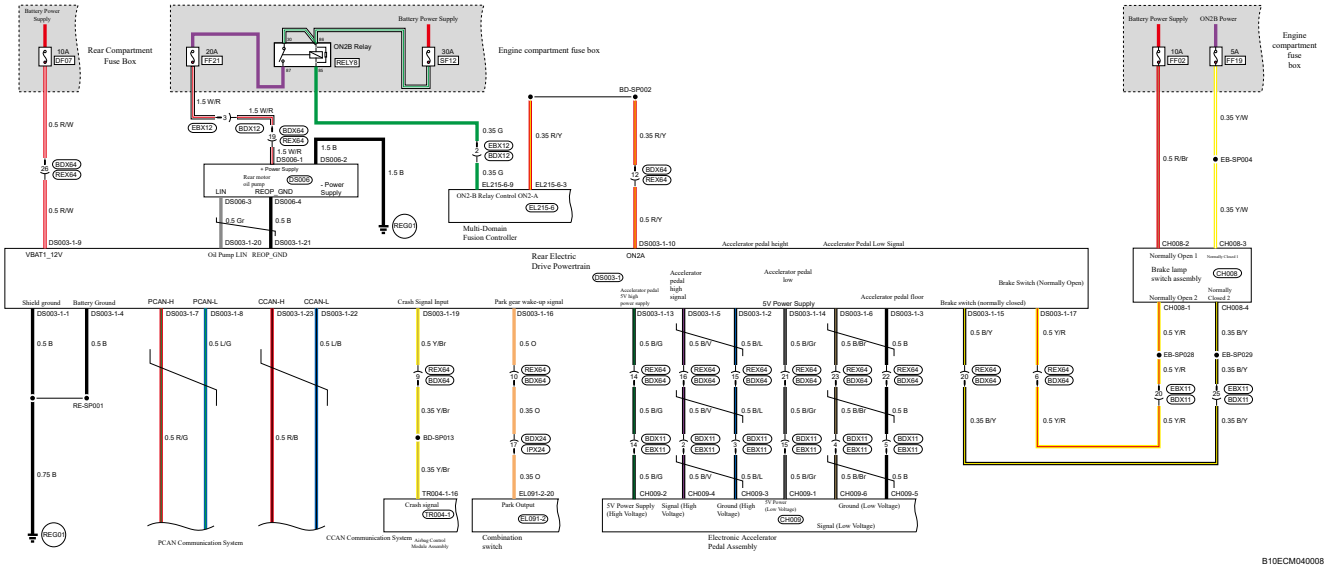
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4.7 4.7 CHARGING PROTOCOL CONVERTER CIRCUIT DIAGRAM



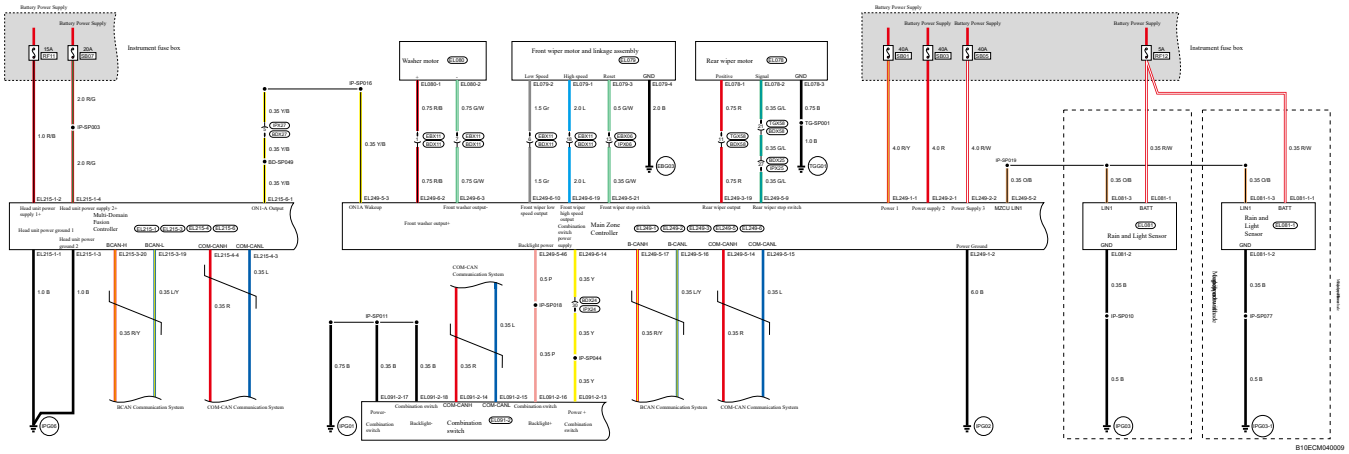
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4.8 4.8 REAR MOTOR CONTROL SYSTEM WIRING DIAGRAM



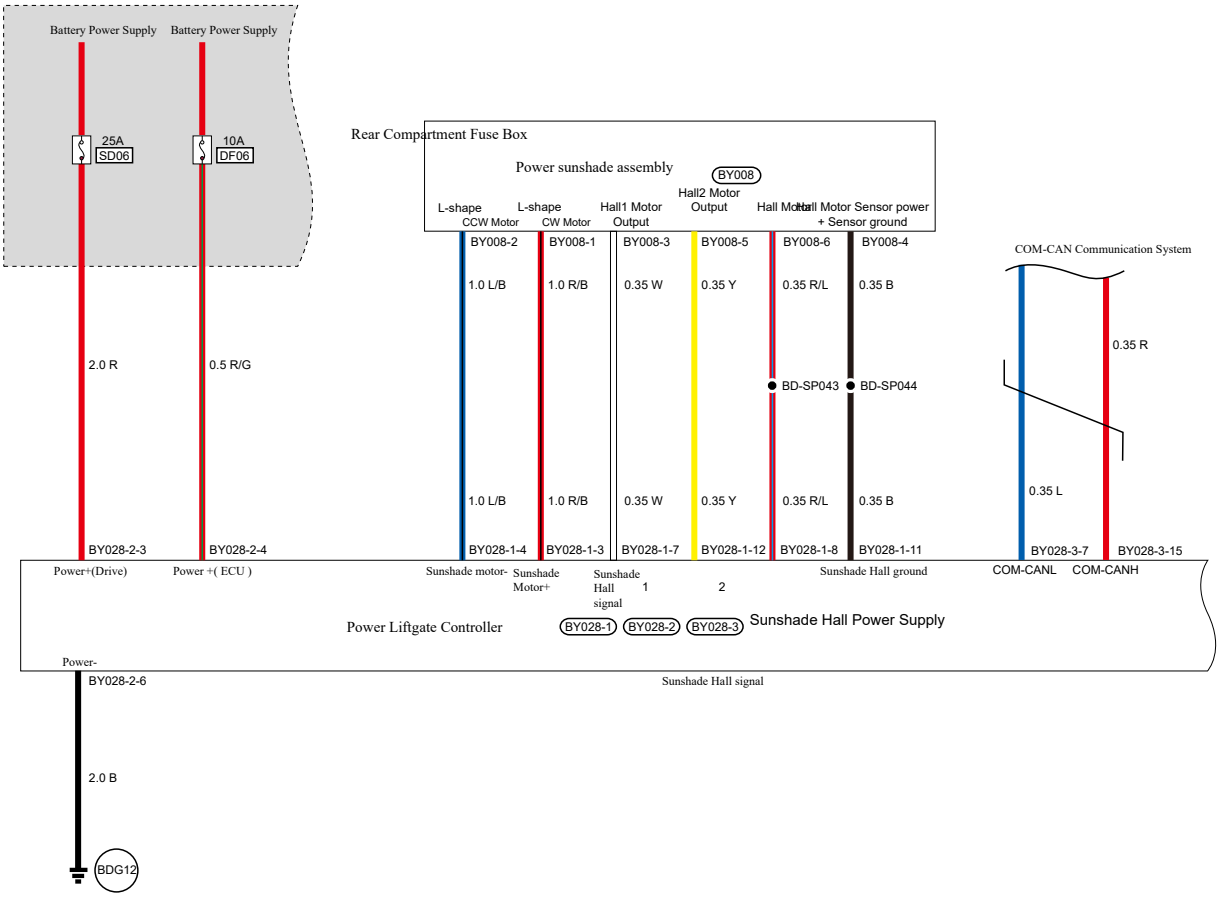
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4.9 4.9 WIPER AND WASHER SYSTEM WIRING DIAGRAM



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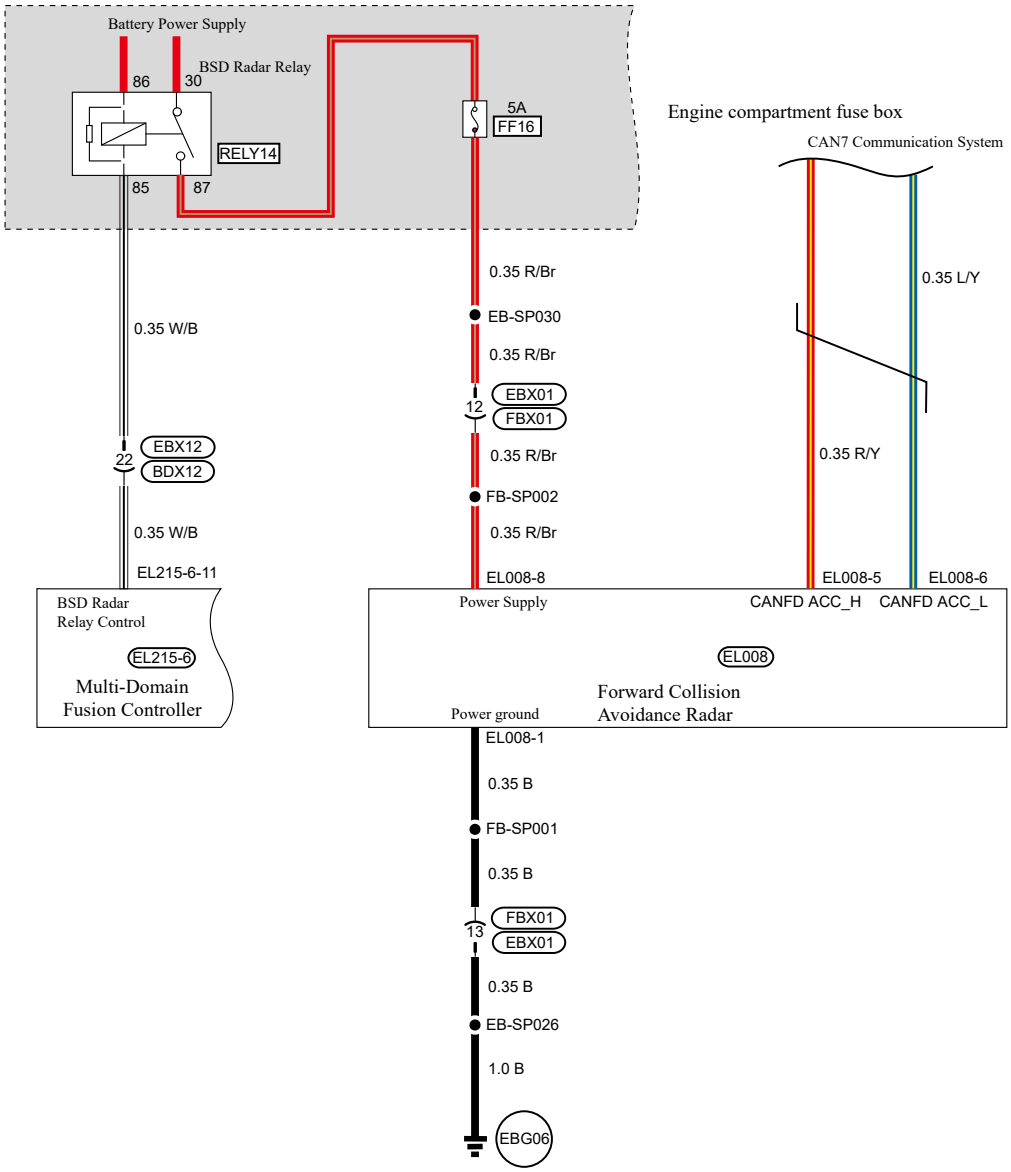
4.10 4.10 POWER SUNSHADE SYSTEM WIRING DIAGRAM



B10ECM040010

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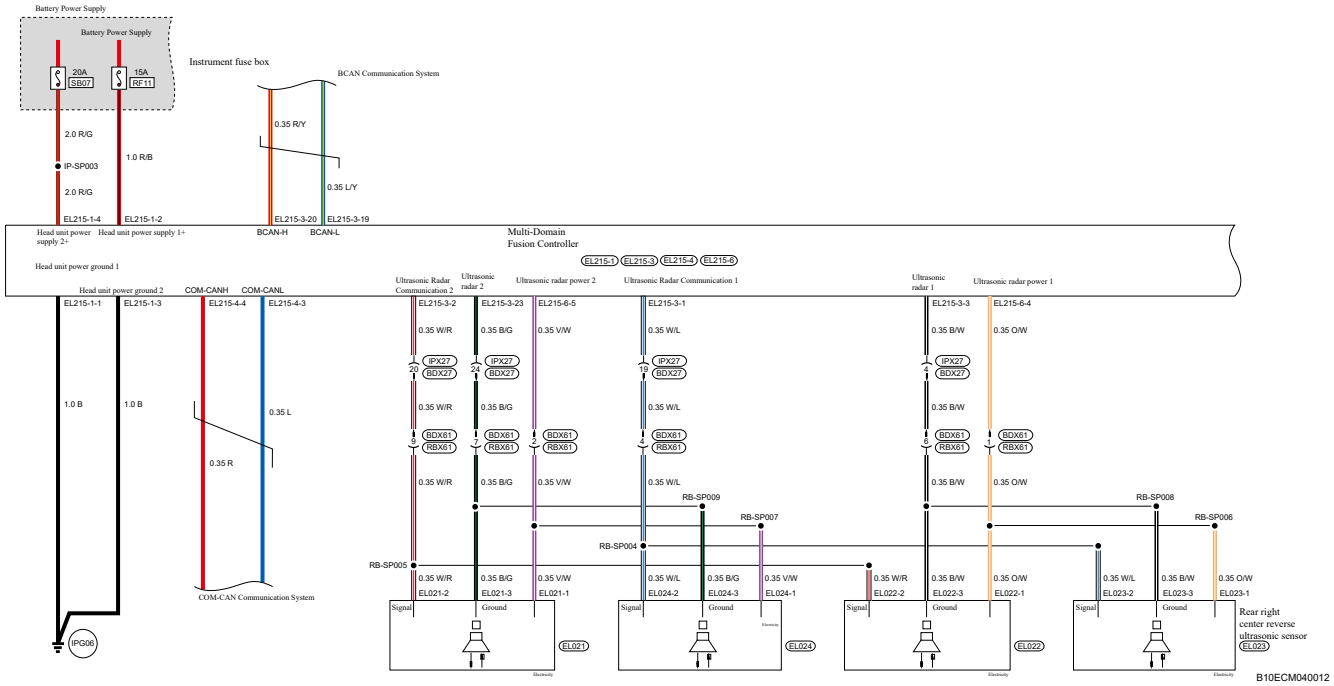
4.11 4.11 FORWARD COLLISION AVOIDANCE RADAR SYSTEM WIRING DIAGRAM



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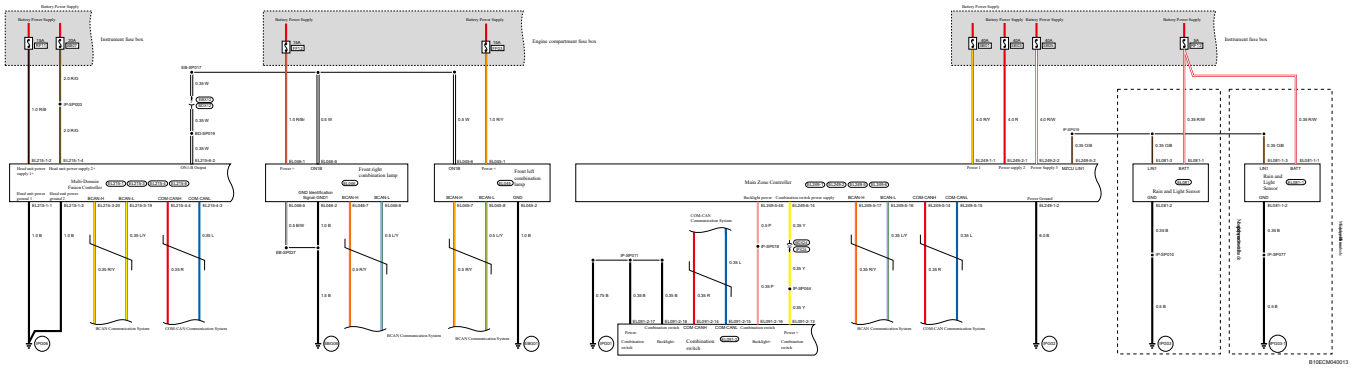
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4.12 4.12 REVERSE RADAR SYSTEM



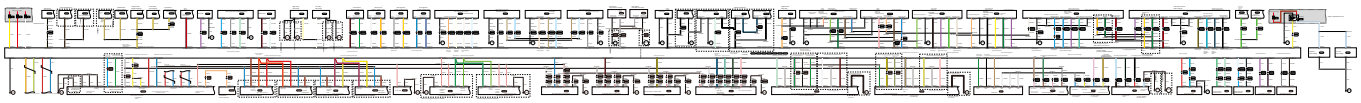
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4.13 4.13 HEADLAMP SYSTEM CIRCUIT DIAGRAM



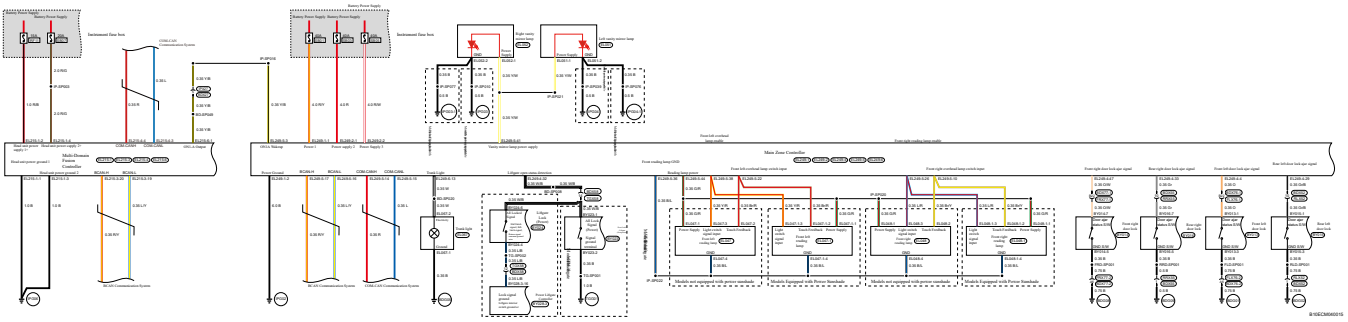
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4.14 4.14 MAIN ZONE CONTROLLER SYSTEM CIRCUIT DIAGRAM



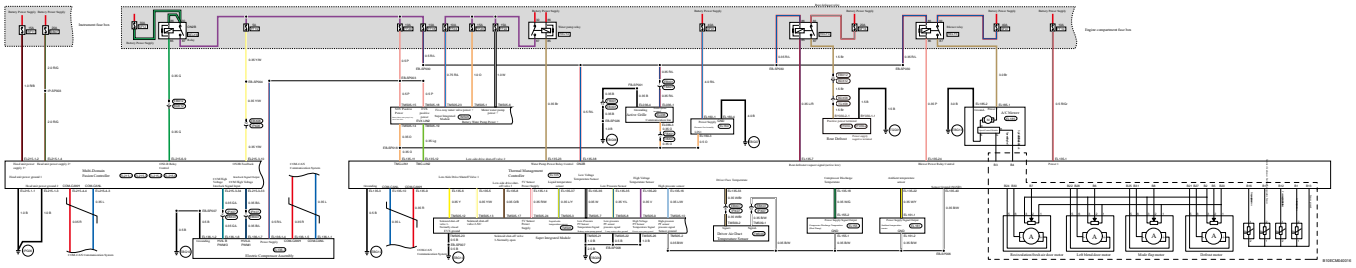
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4.15 4.15 INTERIOR LIGHTING SYSTEM WIRING DIAGRAM



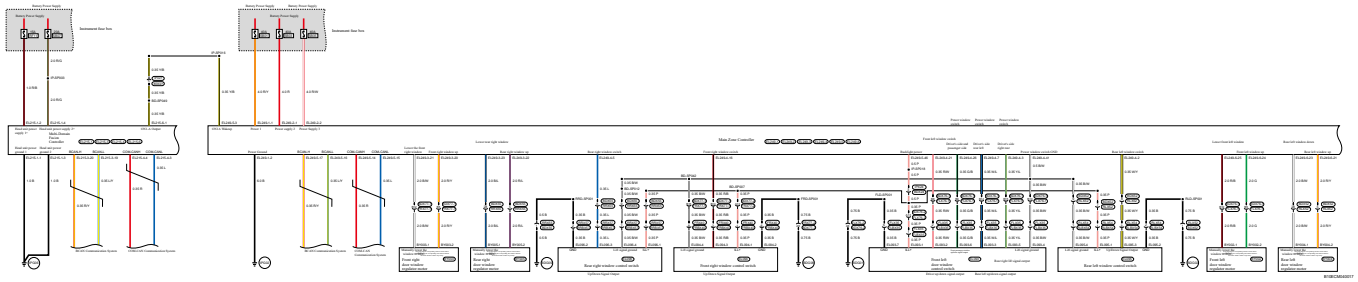
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4.16 4.16 THERMAL MANAGEMENT CONTROLLER SYSTEM CIRCUIT DIAGRAM



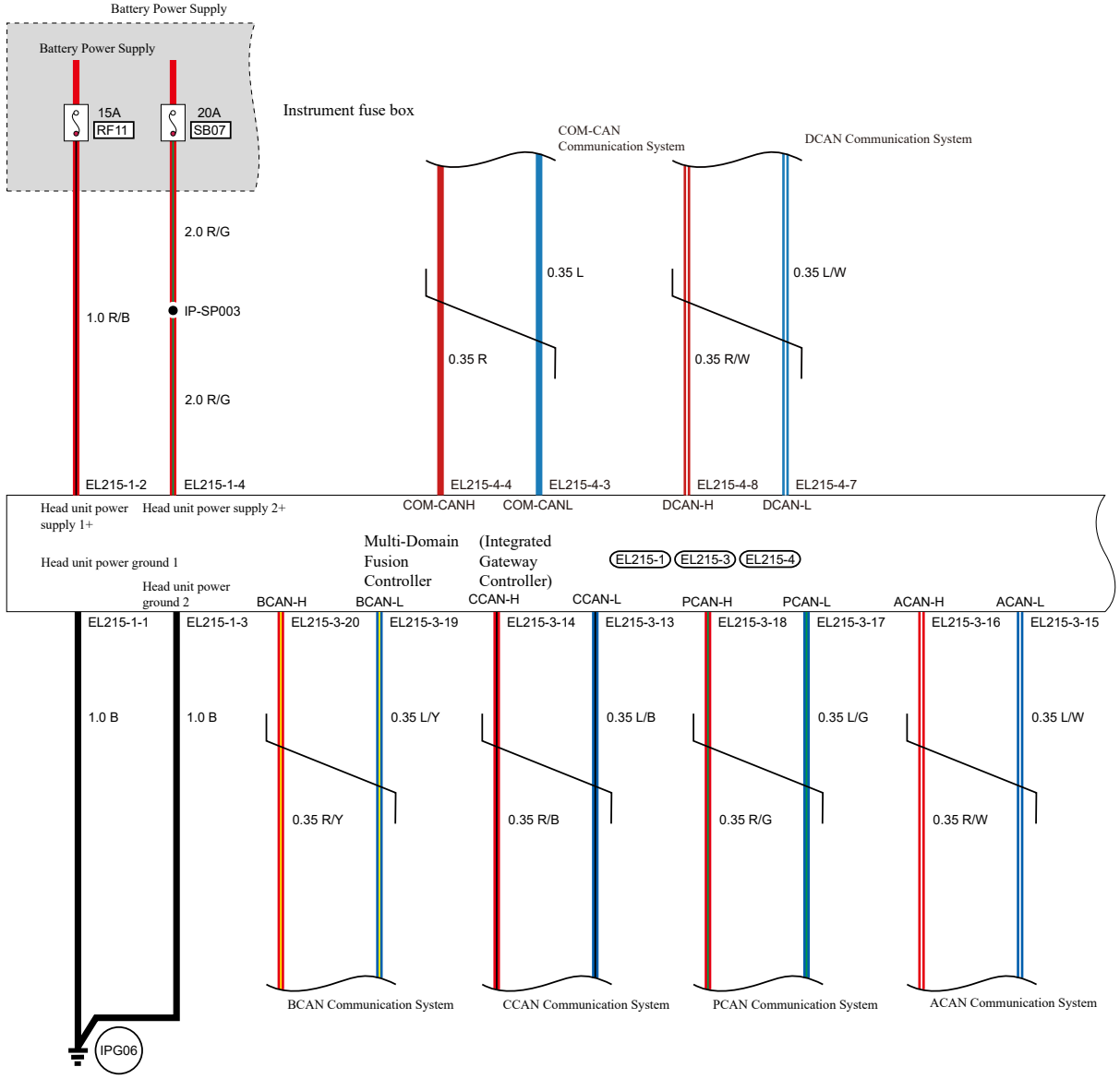
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4.17 4.17 POWER WINDOW SYSTEM



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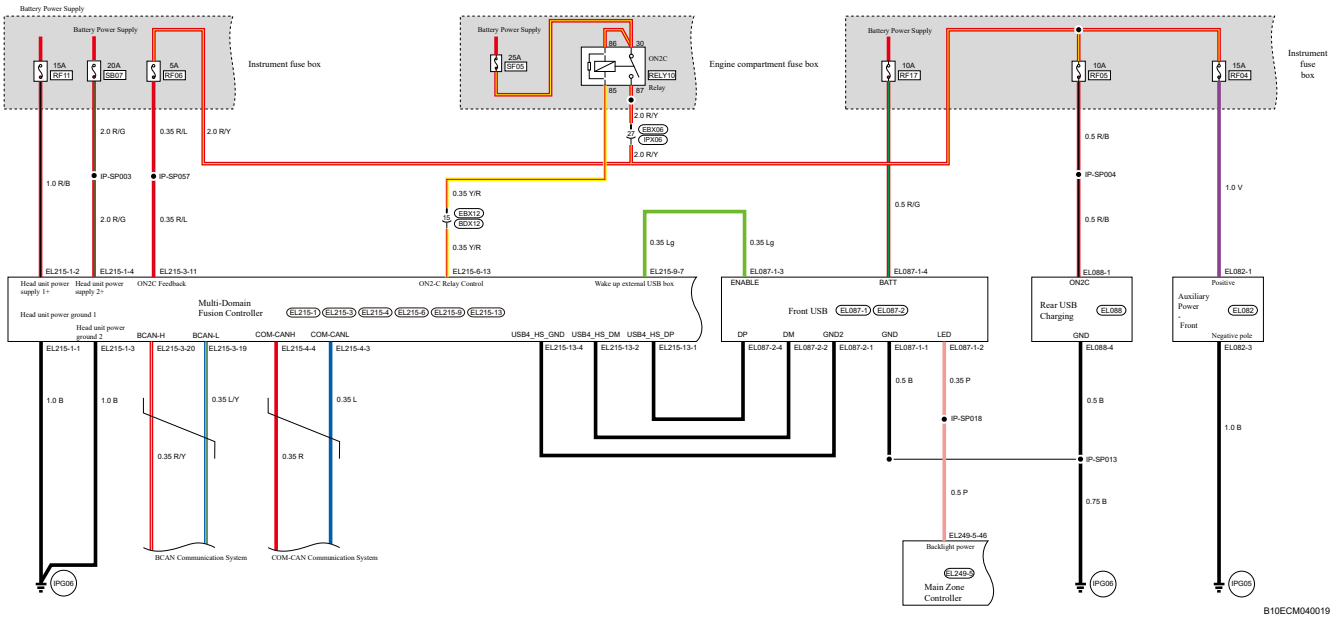
4.18 4.18 GATEWAY SYSTEM WIRING DIAGRAM



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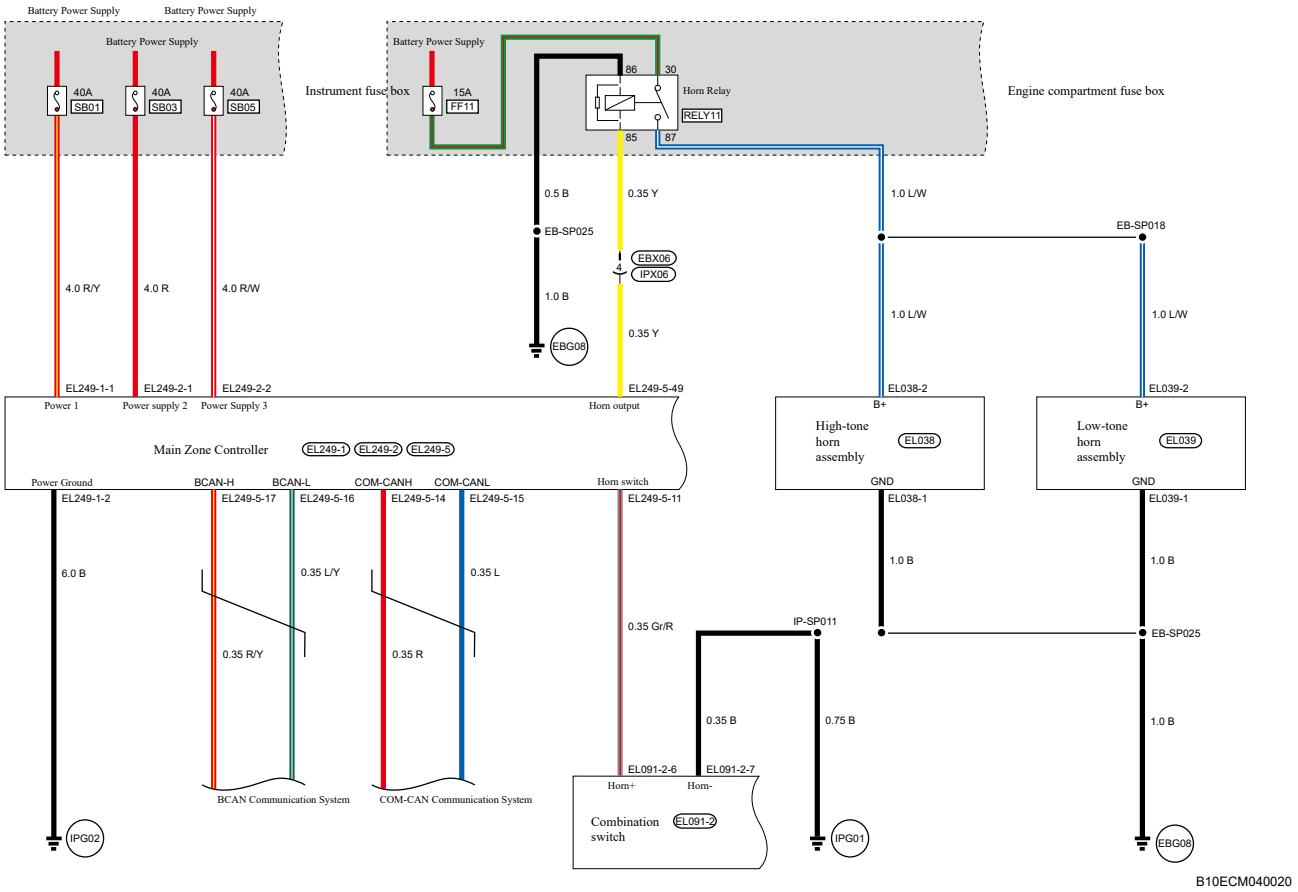
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4.19 4.19 BACKUP POWER SUPPLY CIRCUIT DIAGRAM



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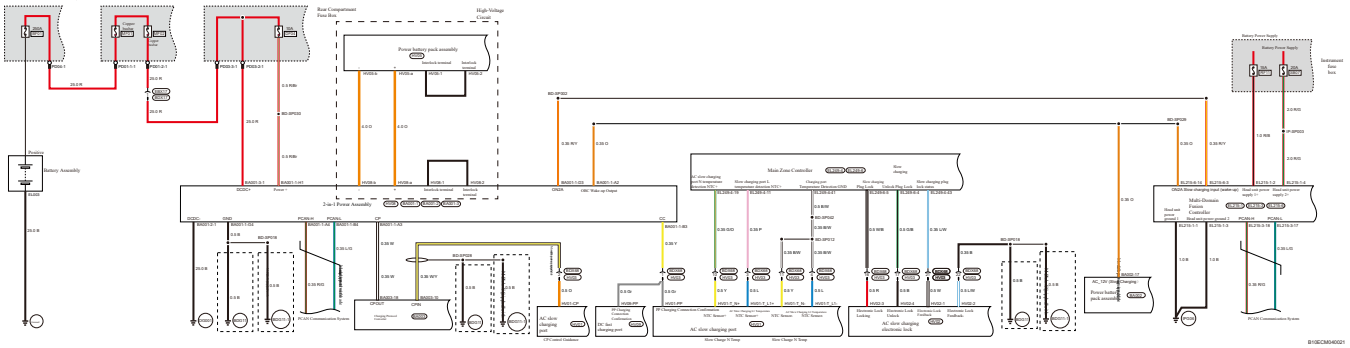
4.20 4.20 HORN SYSTEM CIRCUIT DIAGRAM



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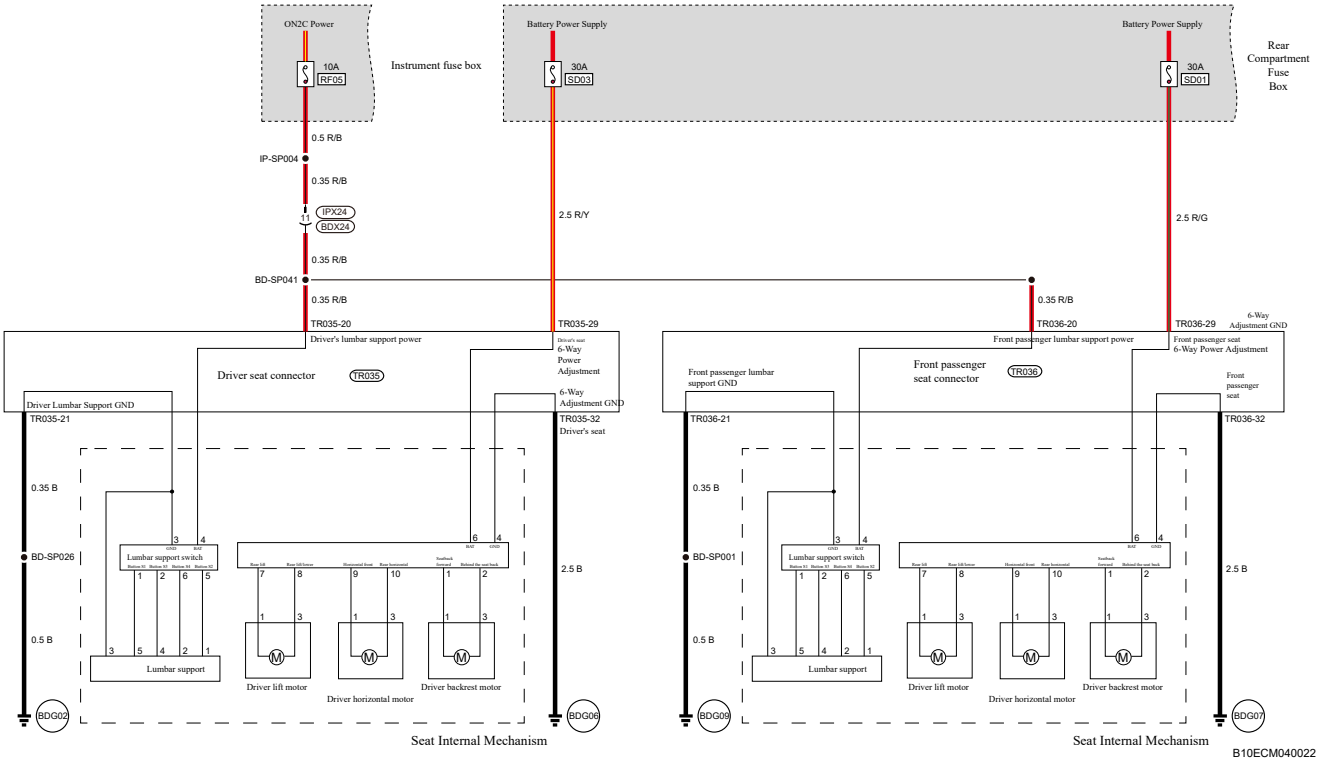
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4.21 4.21 TWO-IN-ONE POWER SUPPLY SYSTEM CIRCUIT DIAGRAM



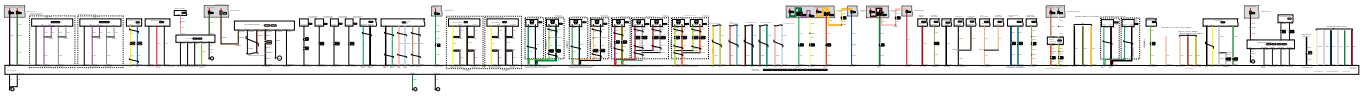
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4.22 4.22 FRONT SEAT POWER ADJUSTMENT AND LUMBAR SUPPORT SYSTEM CIRCUIT DIAGRAM



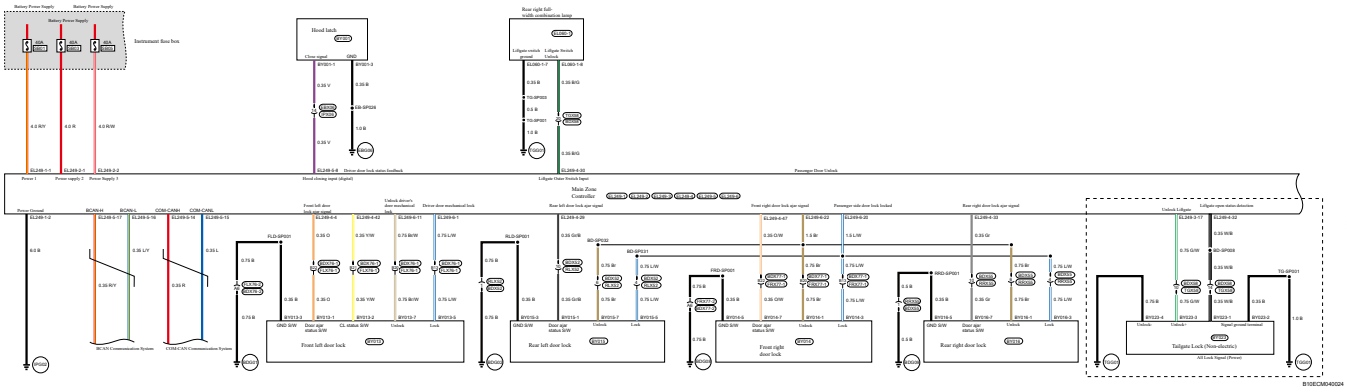
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4.23 4.23 MULTI-ZONE FUSION CONTROLLER SYSTEM WIRING DIAGRAM



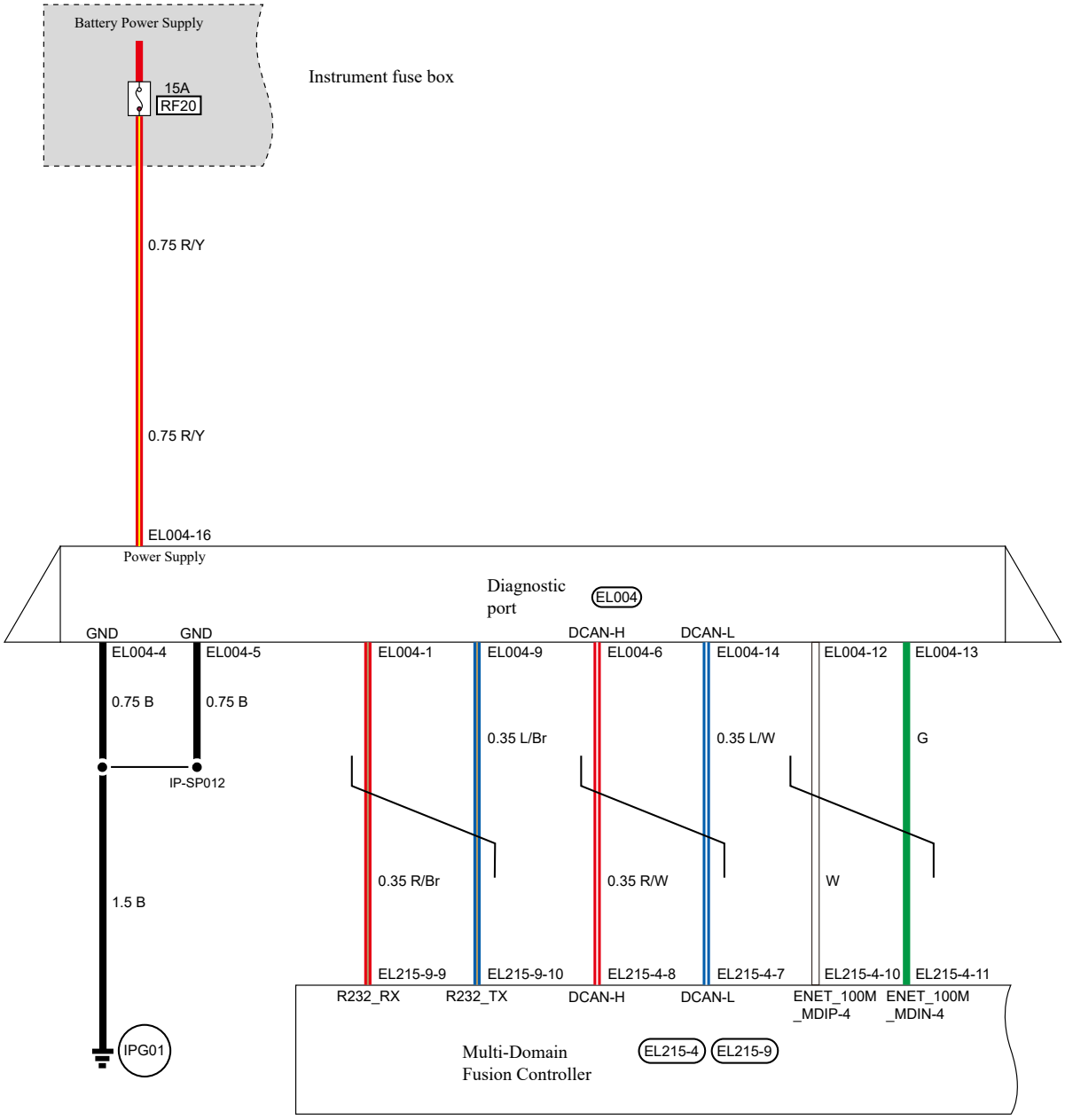
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4.24 4.24 DOOR LOCK SYSTEM WIRING DIAGRAM



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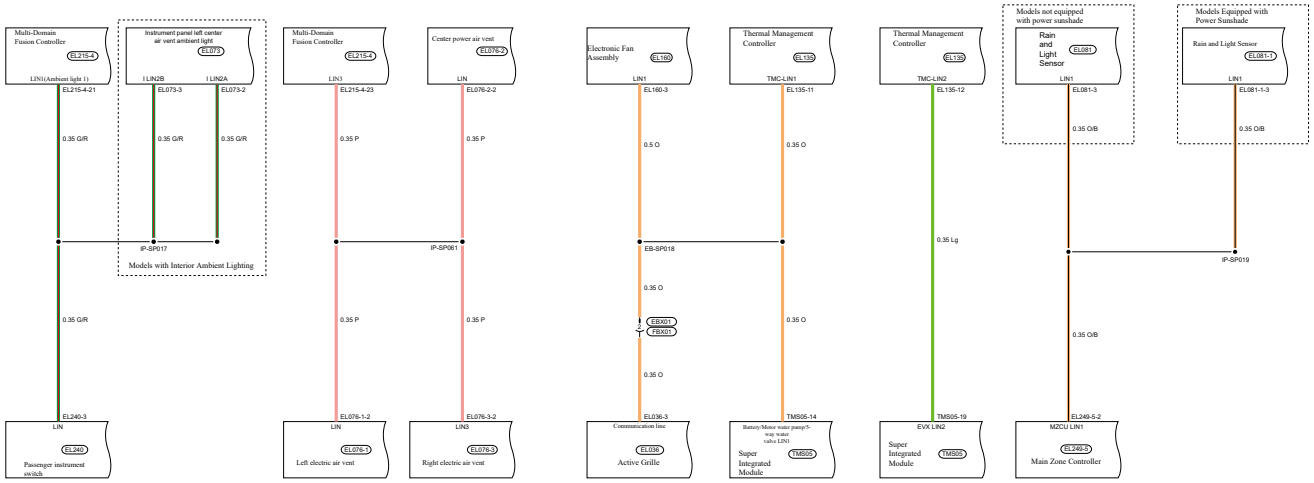
4.25 4.25 OBD DIAGNOSTIC INTERFACE



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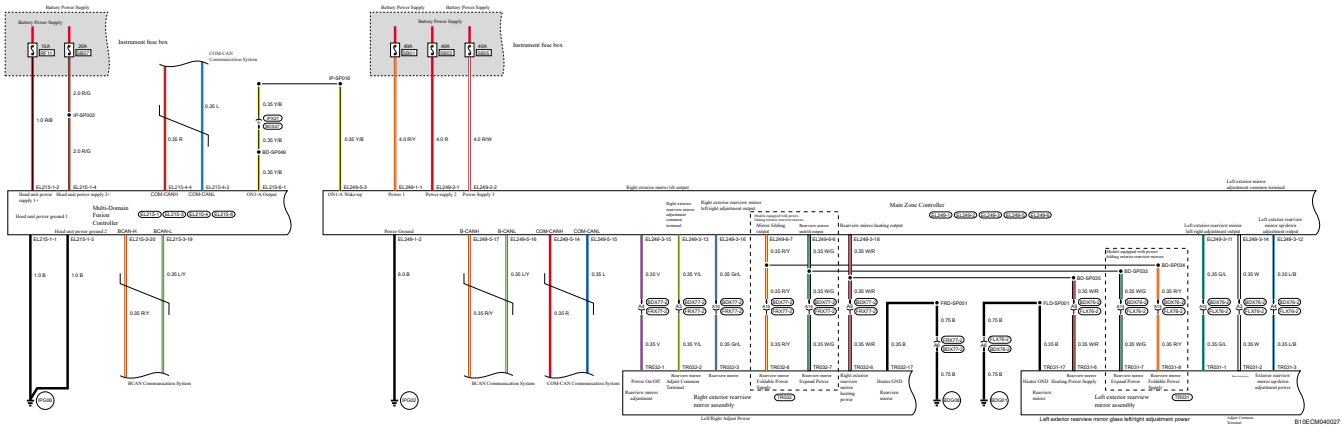
4.26 4.26 LIN NETWORK TOPOLOGY DIAGRAM



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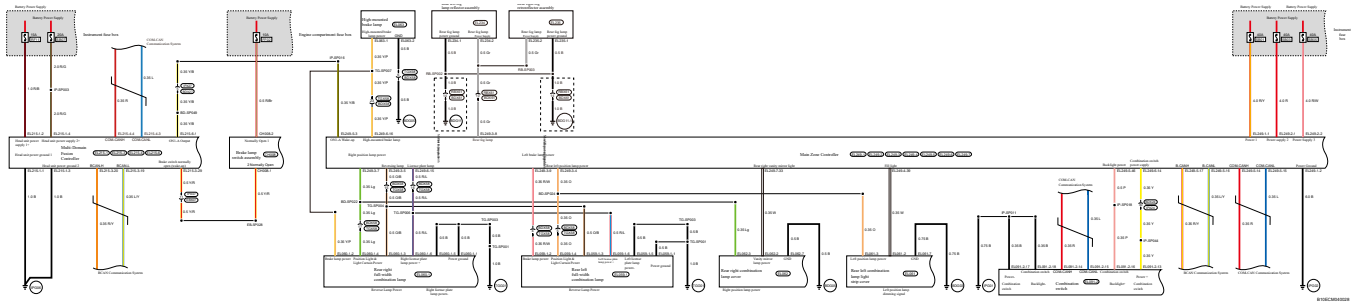
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4.27 4.27 POWER EXTERIOR REARVIEW MIRROR ADJUSTMENT AND HEATING SYSTEM CIRCUIT DIAGRAM



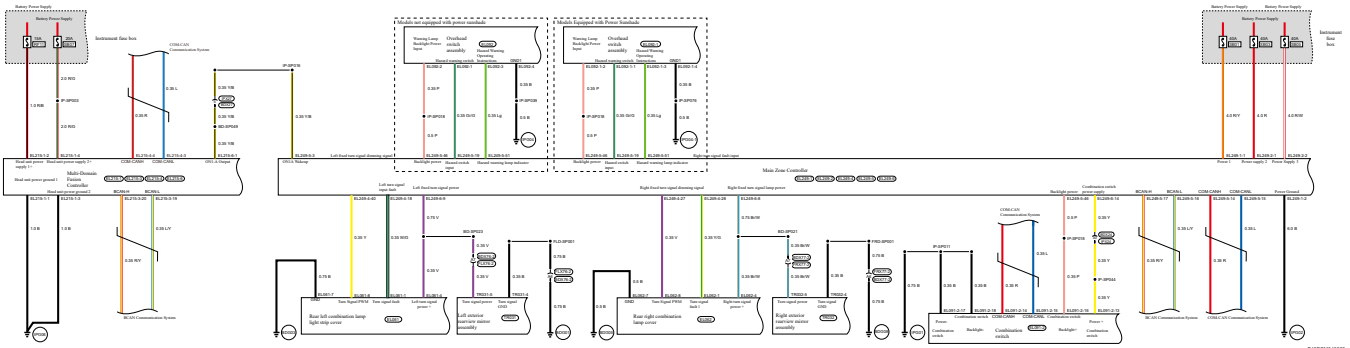
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4.28 4.28 STOP LAMP, REAR FOG LAMP, REVERSING LAMP, POSITION LAMP, AND LICENSE PLATE LAMP SYSTEM CIRCUIT DIAGRAM



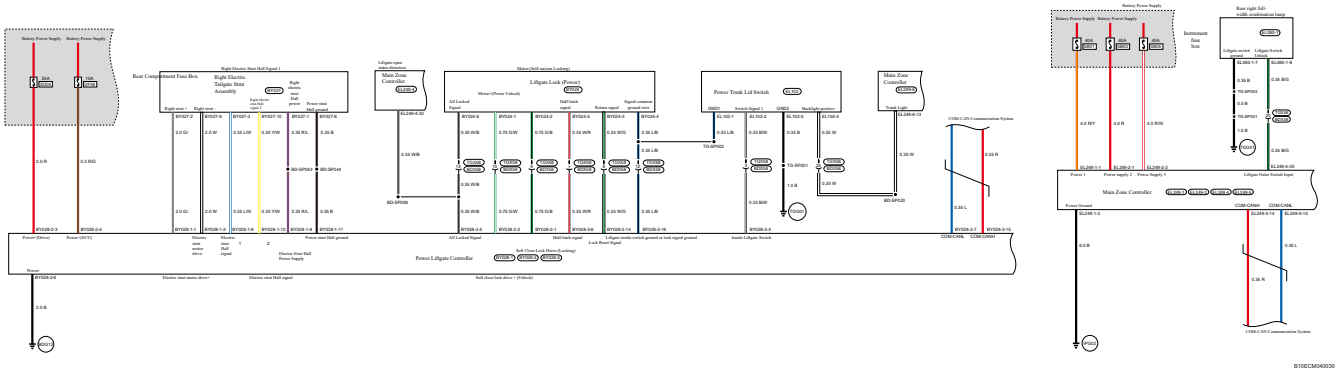
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4.29 4.29 TURN SIGNAL AND HAZARD WARNING LAMP SYSTEM WIRING DIAGRAM



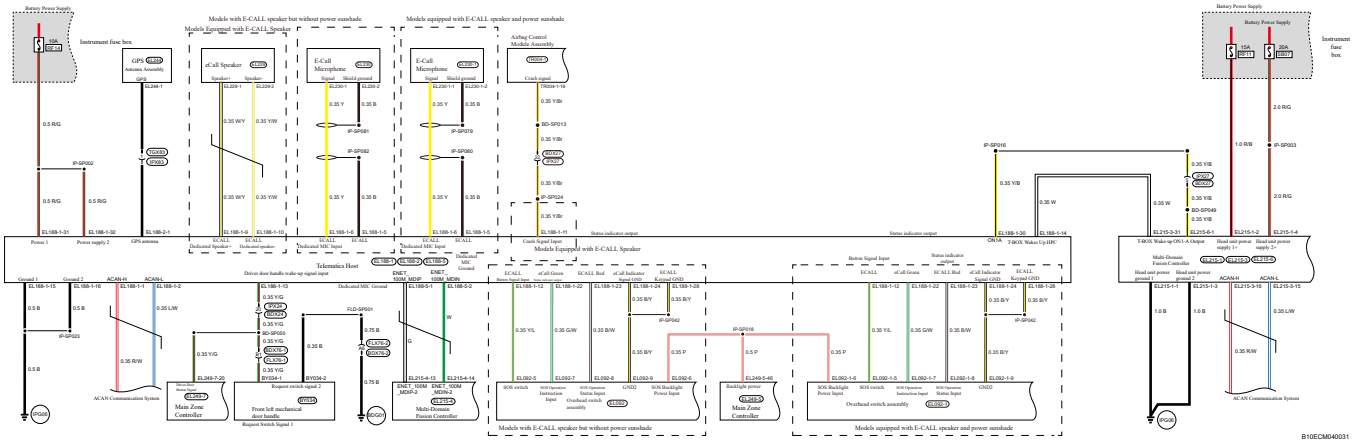
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4.30 4.30 POWER TAILGATE SYSTEM CIRCUIT DIAGRAM



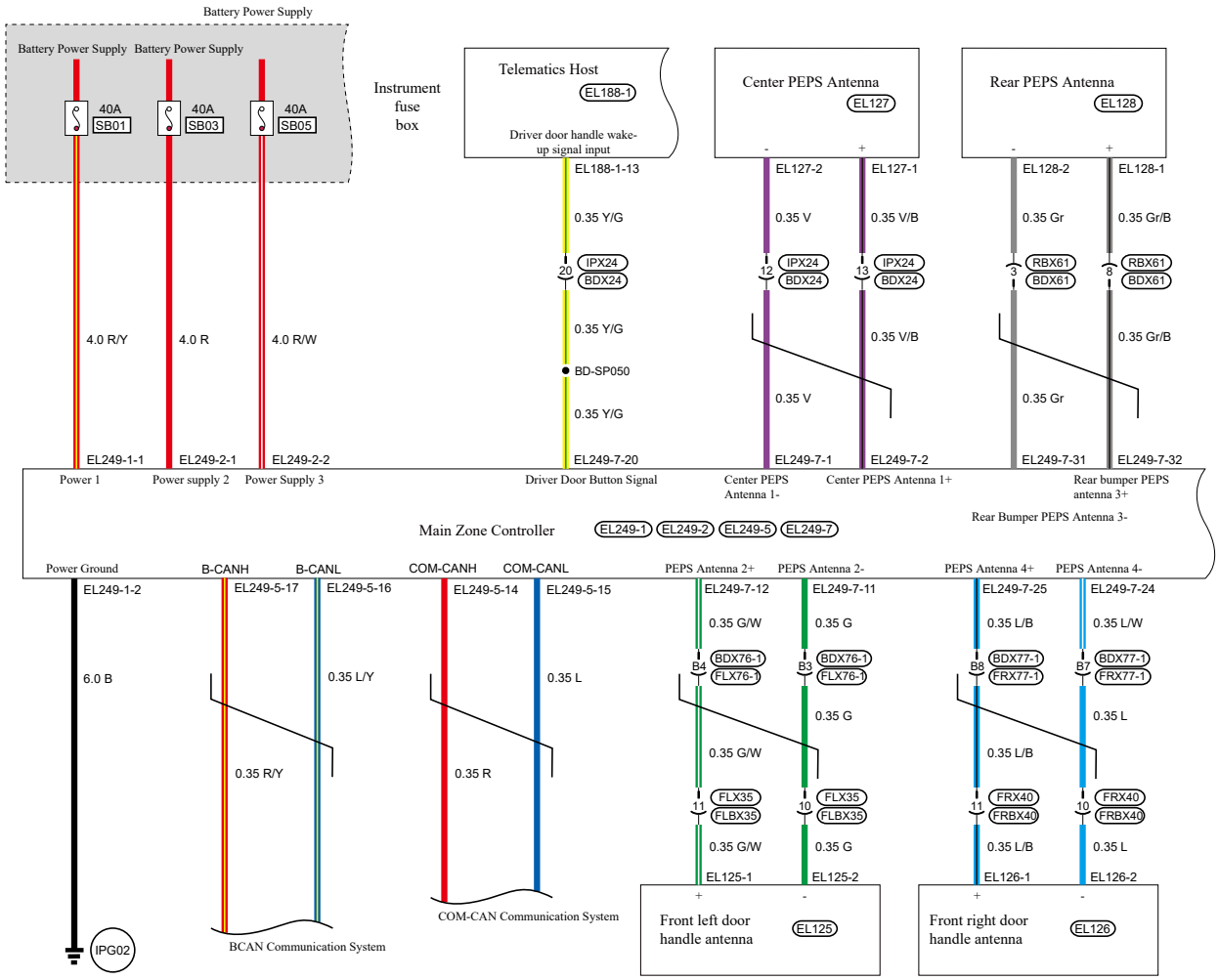
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4.31 4.31 TELEMATICS HOST SYSTEM CIRCUIT DIAGRAM



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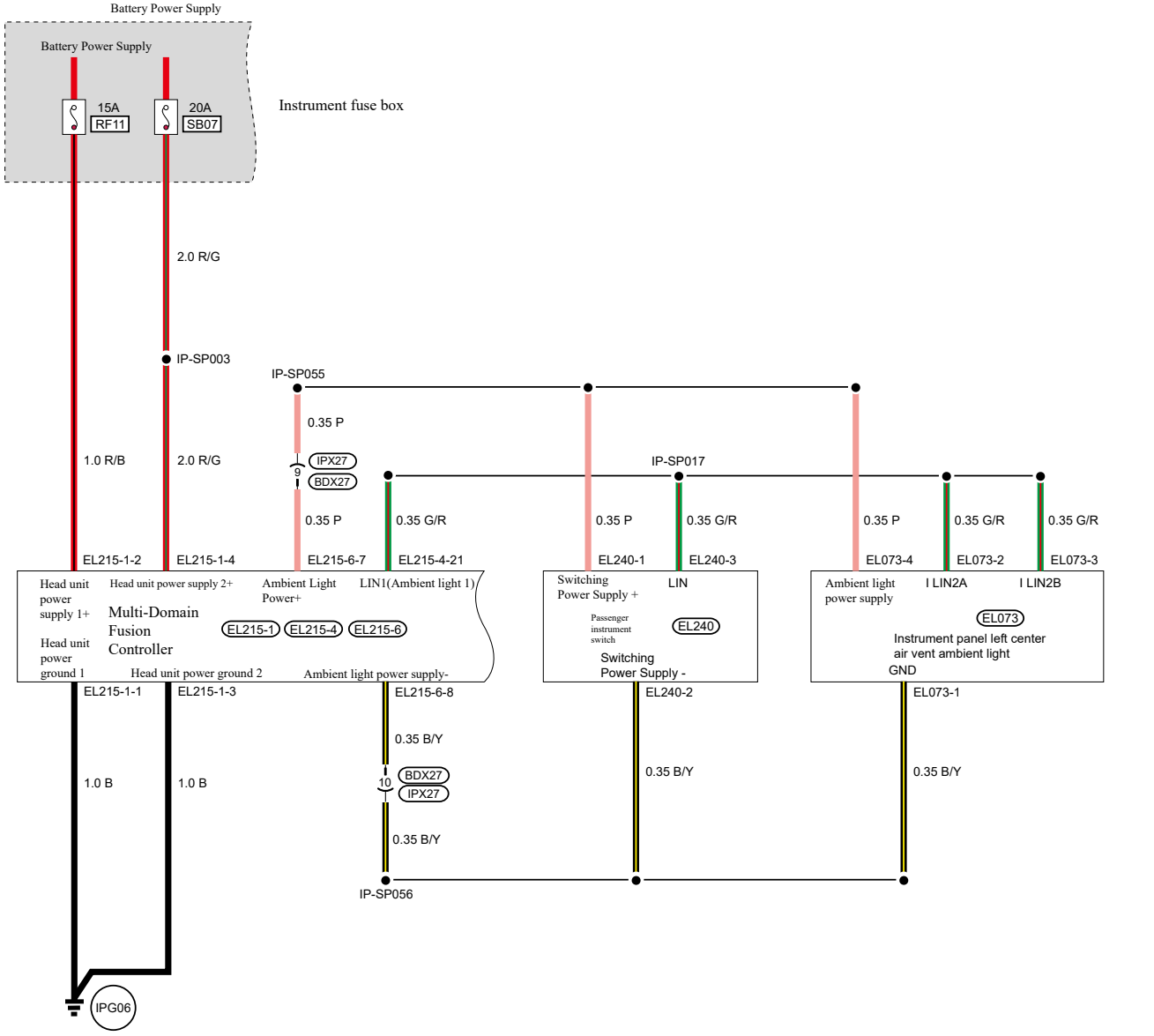
4.32 4.32 PEPS SYSTEM CIRCUIT DIAGRAM



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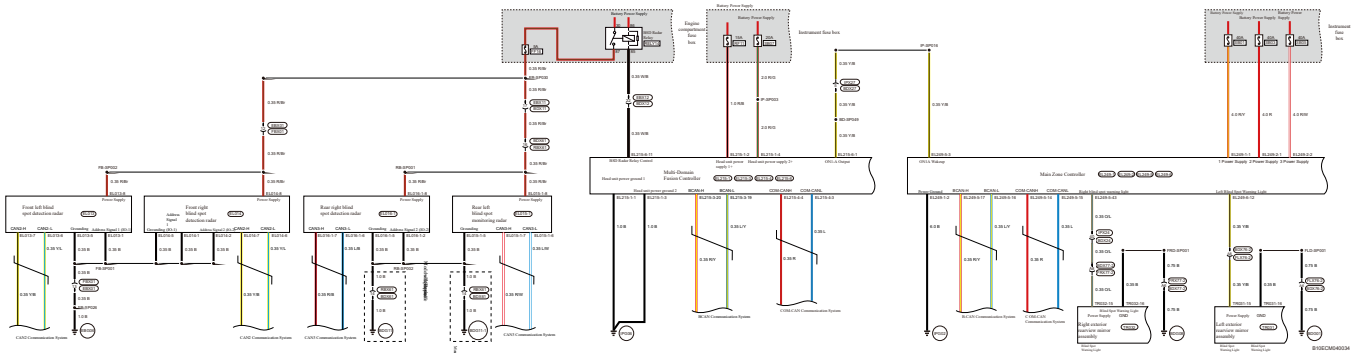
4.33 4.33 INTERIOR AMBIENT LIGHTING SYSTEM CIRCUIT DIAGRAM



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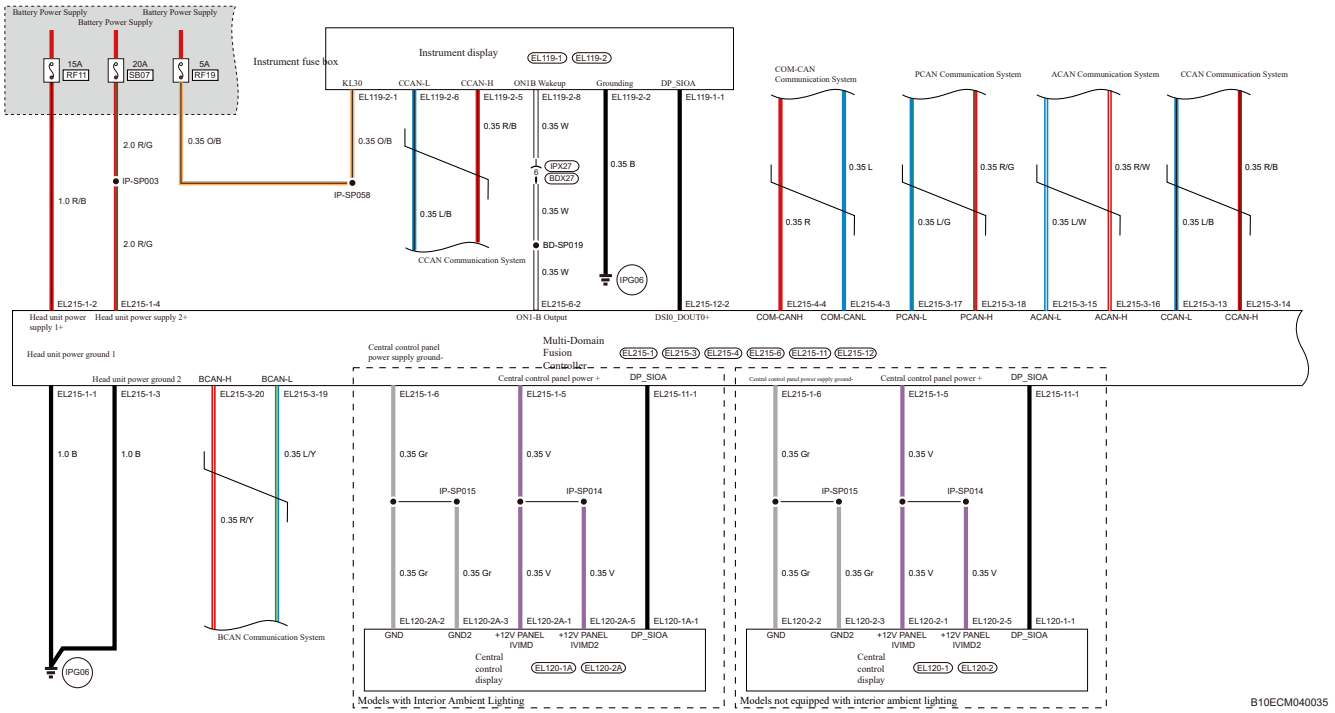
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4.34 4.34 BLIND SPOT DETECTION SYSTEM CIRCUIT DIAGRAM



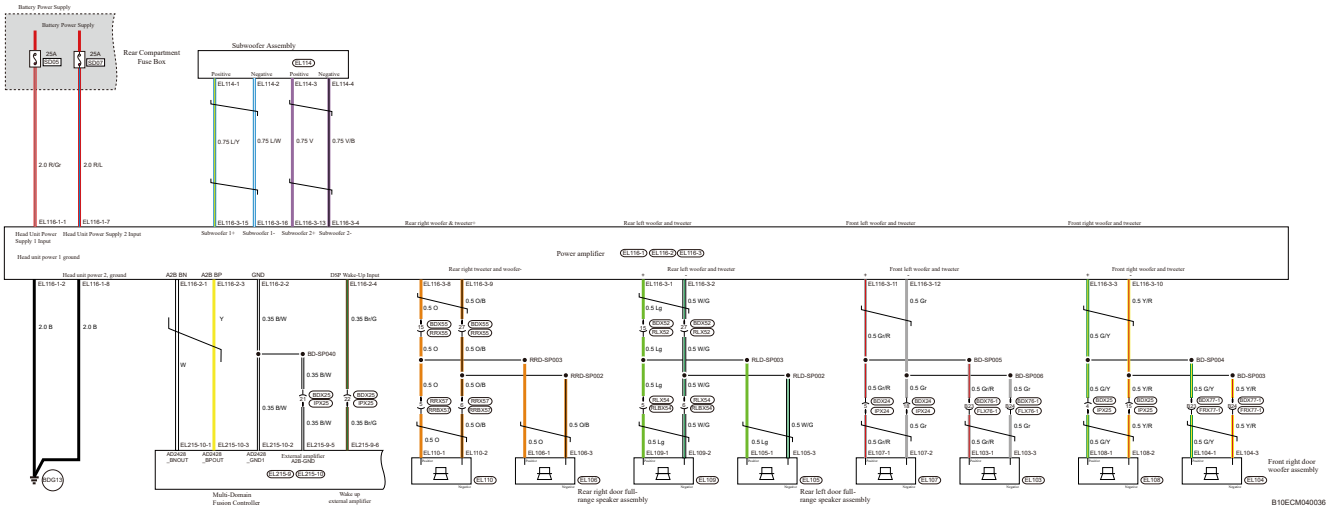
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4.35 4.35 INSTRUMENT AND CENTRAL CONTROL PANEL SYSTEM CIRCUIT DIAGRAM



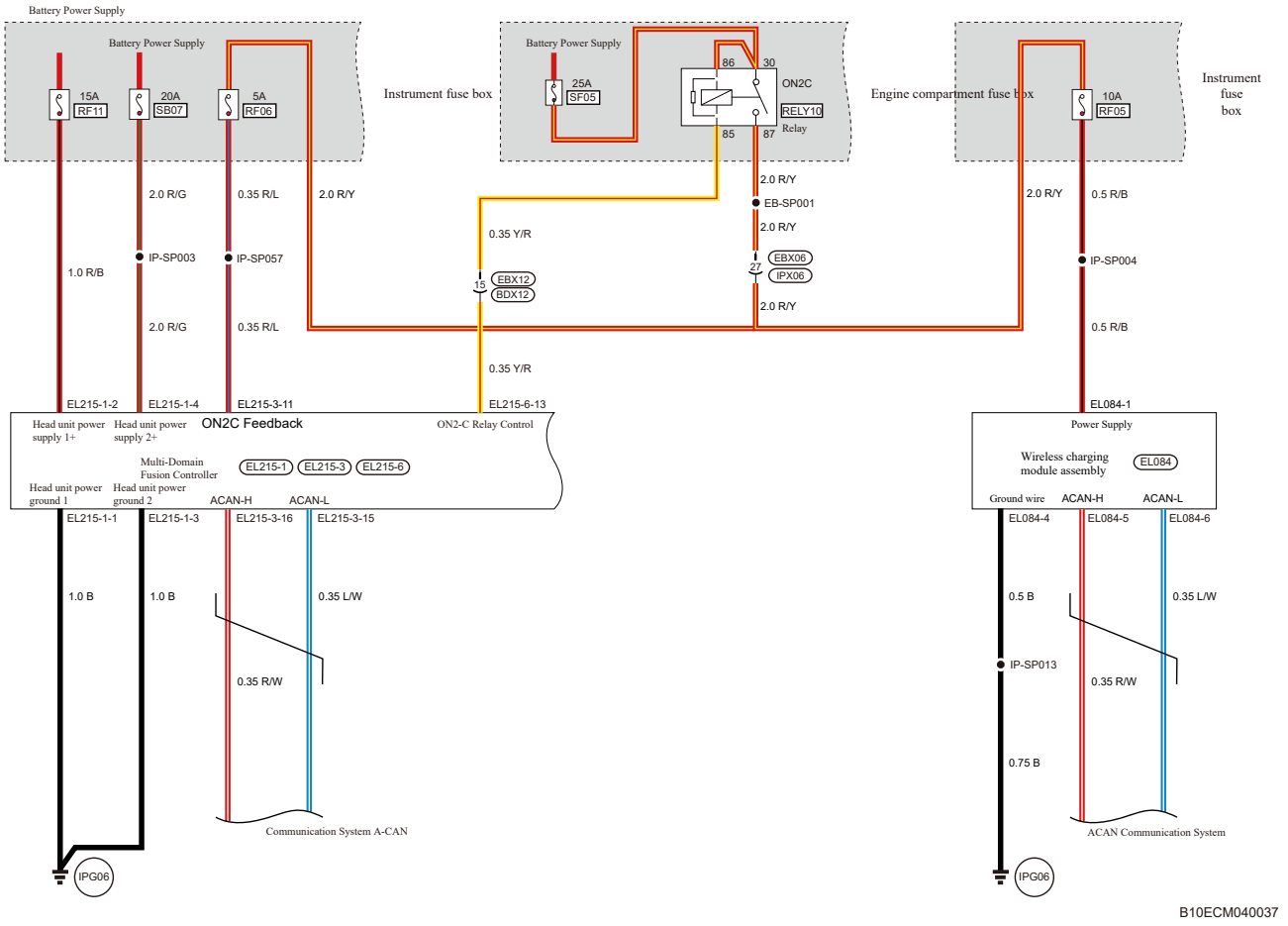
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4.36 4.36 EXTERNAL AMPLIFIER SYSTEM CIRCUIT DIAGRAM



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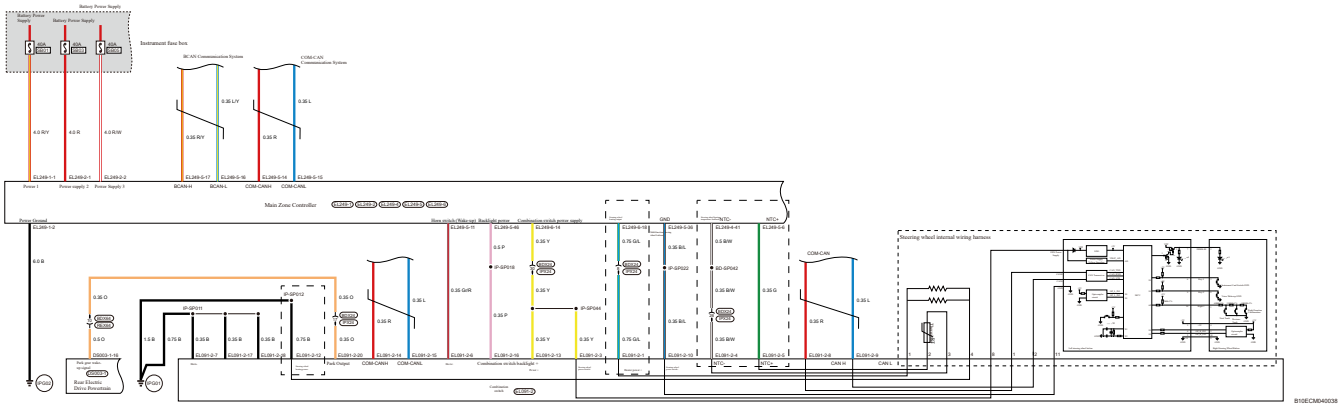
4.37 4.37 SMARTPHONE WIRELESS CHARGING SYSTEM CIRCUIT DIAGRAM



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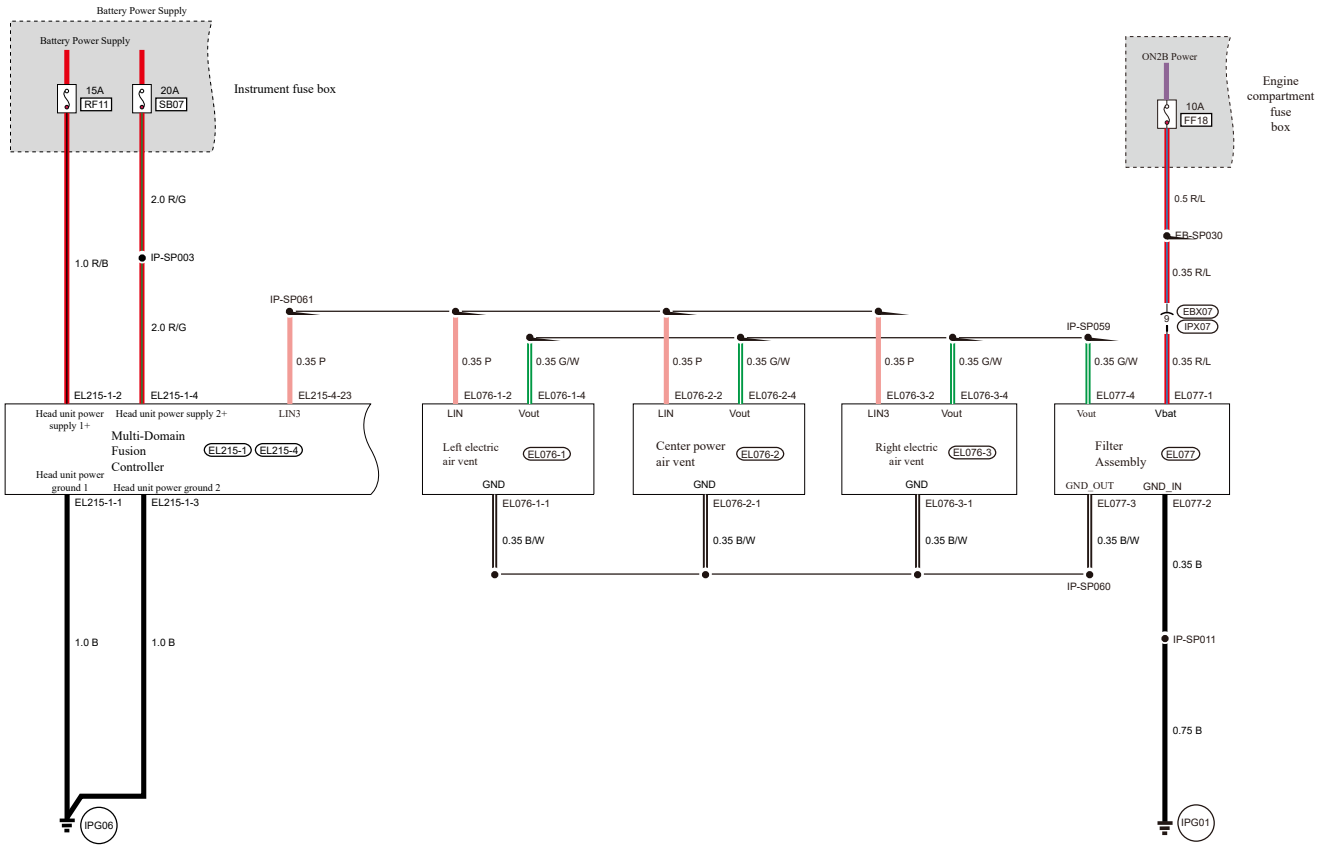
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4.38 4.38 COMBINATION SWITCH SYSTEM CIRCUIT DIAGRAM



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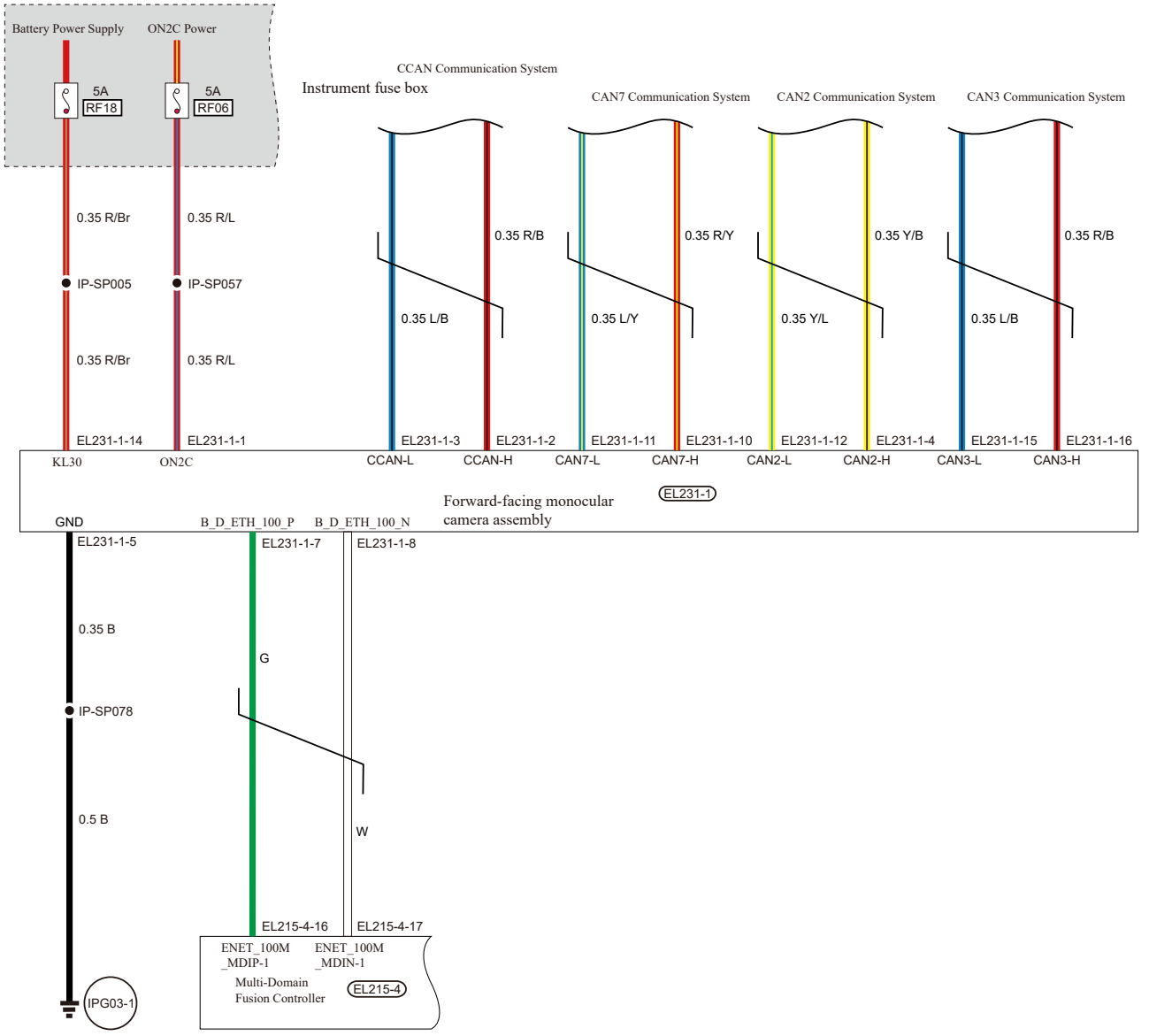
4.39 4.39 ELECTRIC A/C VENT CIRCUIT DIAGRAM



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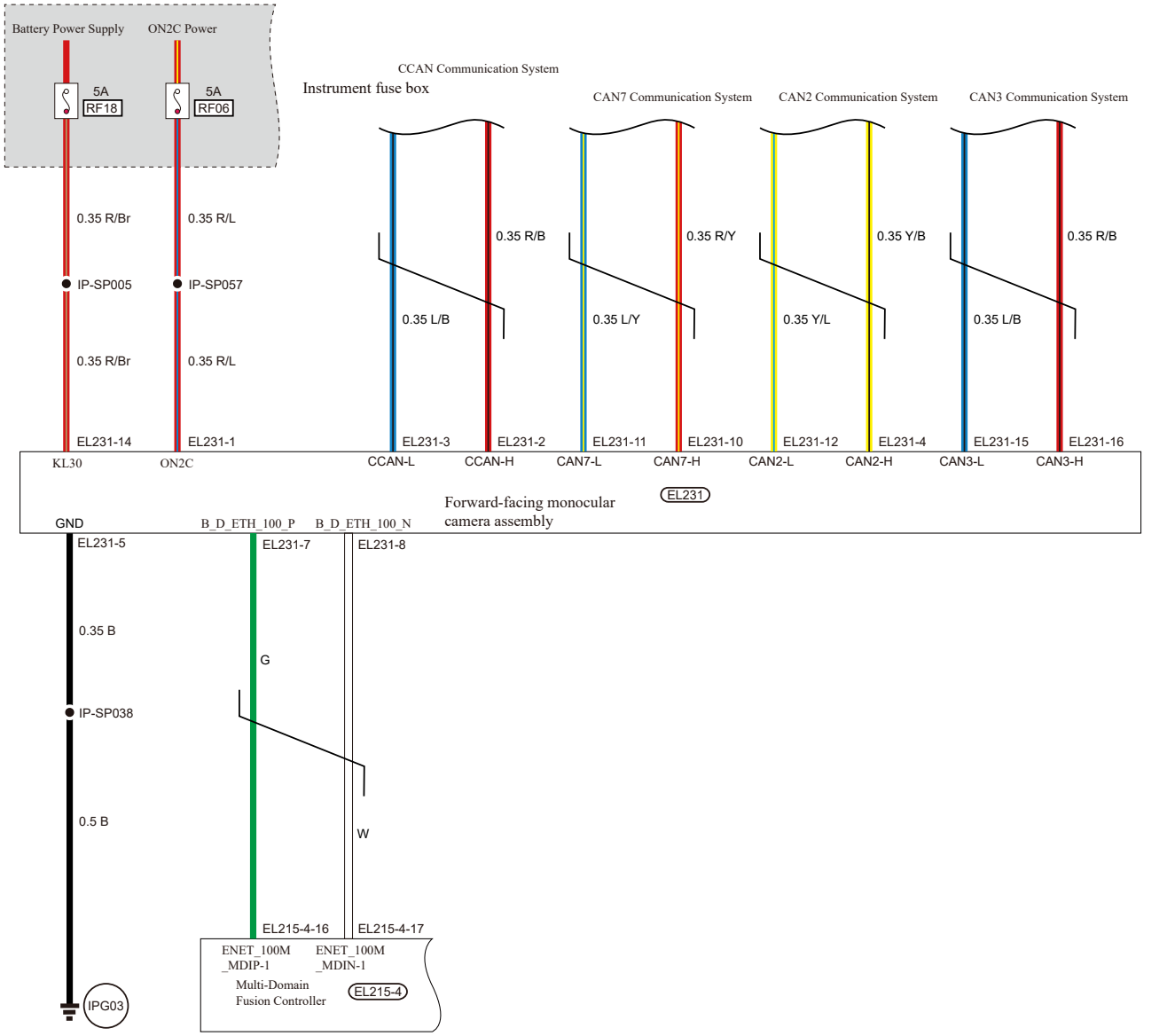
4.40 4.40 FORWARD-FACING MONOCULAR CAMERA SYSTEM WIRING DIAGRAM (VEHICLES EQUIPPED WITH POWER SUNSHADE)



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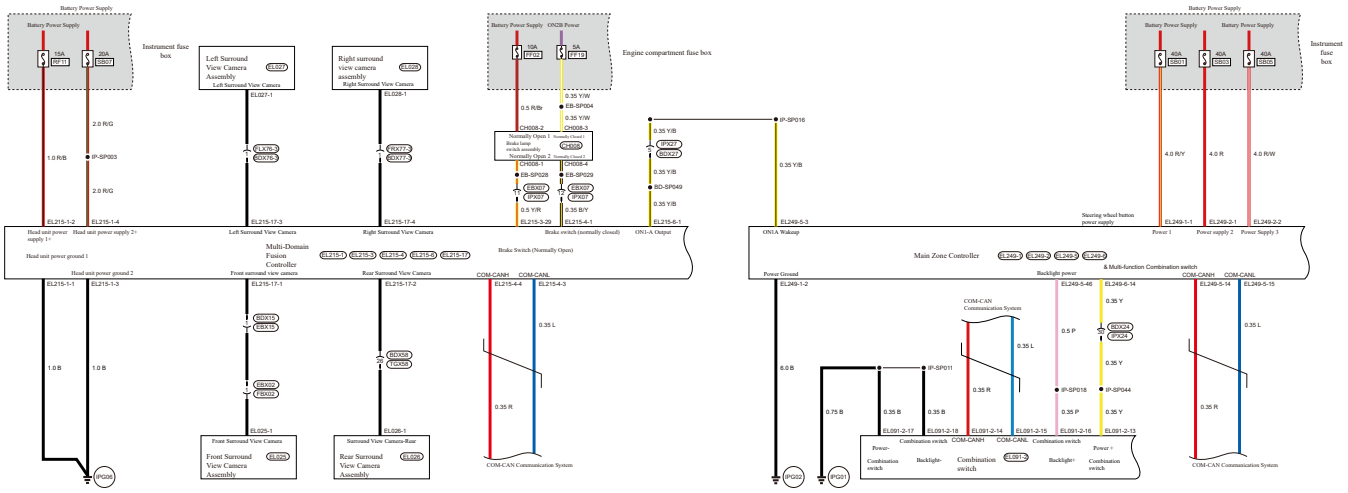
4.41 4.41 FORWARD-FACING MONOCULAR CAMERA SYSTEM WIRING DIAGRAM (MODELS WITHOUT POWER SUNSHADE)



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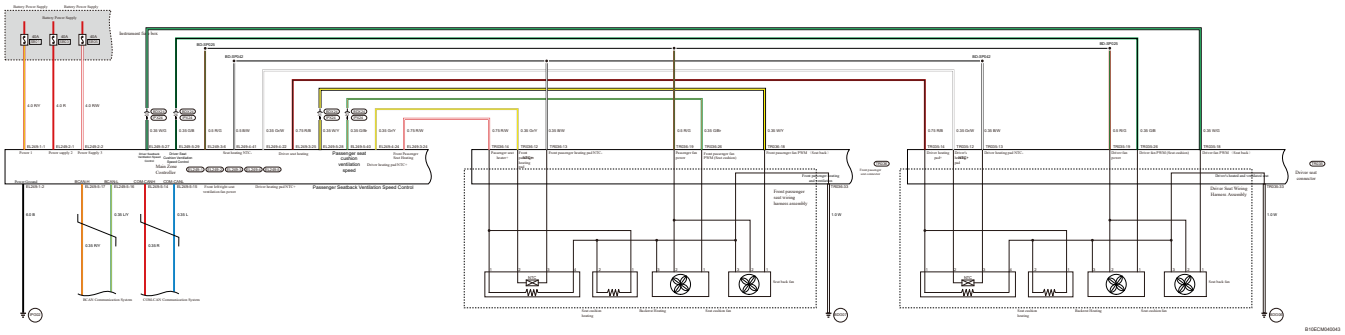
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4.42 4.42 PANORAMIC PARKING SYSTEM WIRING DIAGRAM



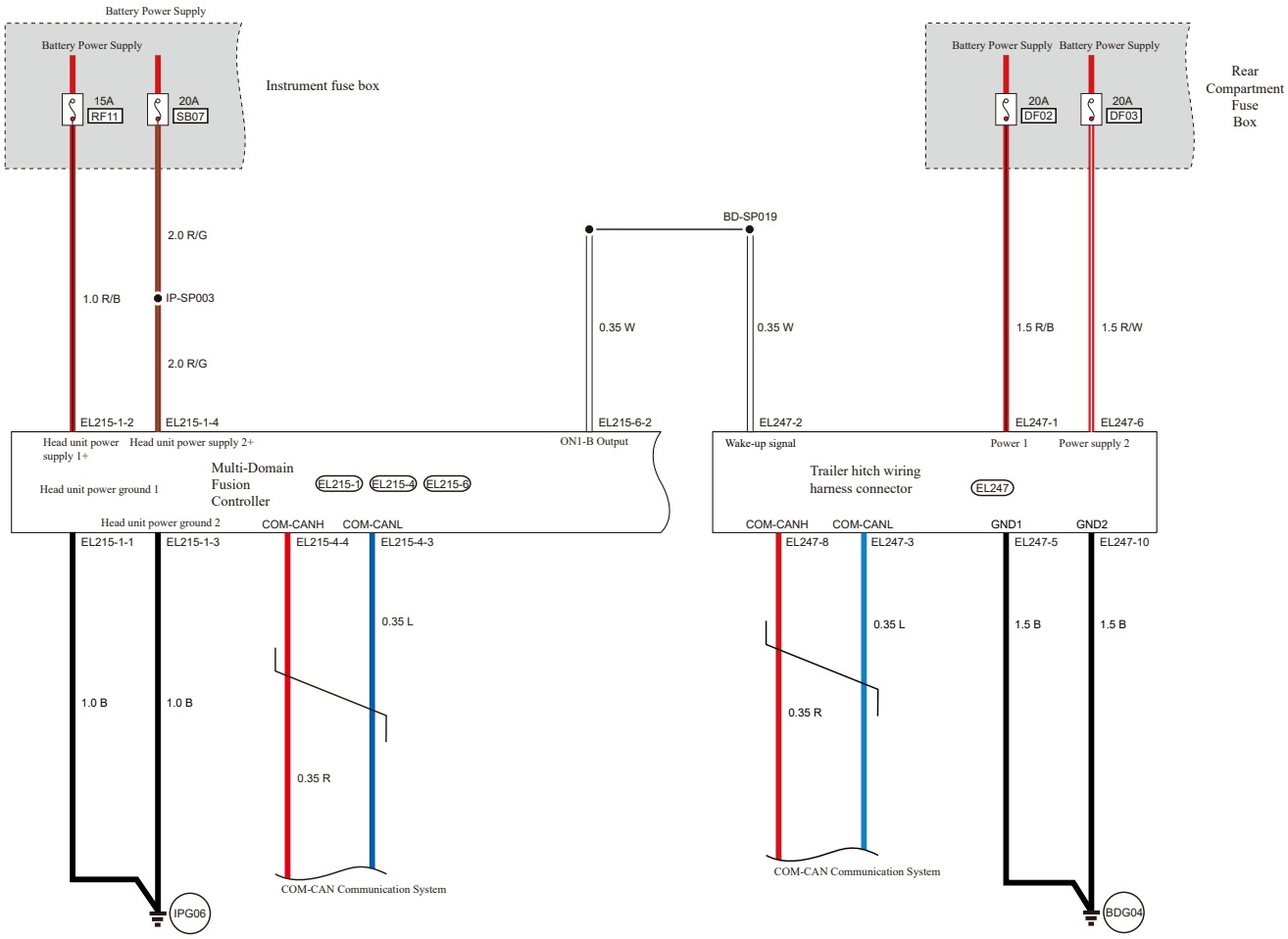
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4.43 4.43 FRONT SEAT VENTILATION AND HEATING SYSTEM CIRCUIT DIAGRAM



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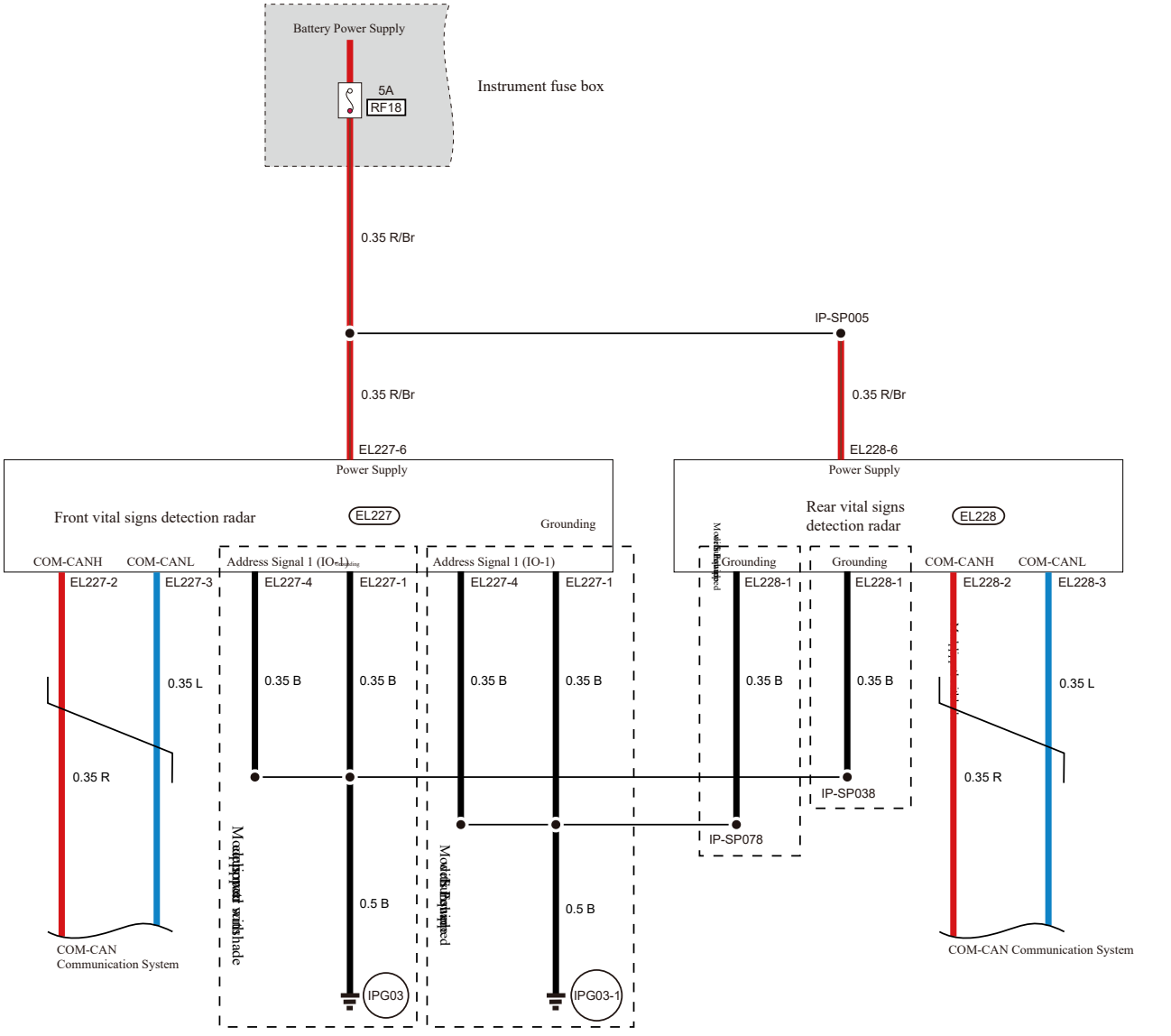
4.44 4.44 ELECTRIC TRAILER HITCH WIRING HARNESS INTERFACE CIRCUIT DIAGRAM



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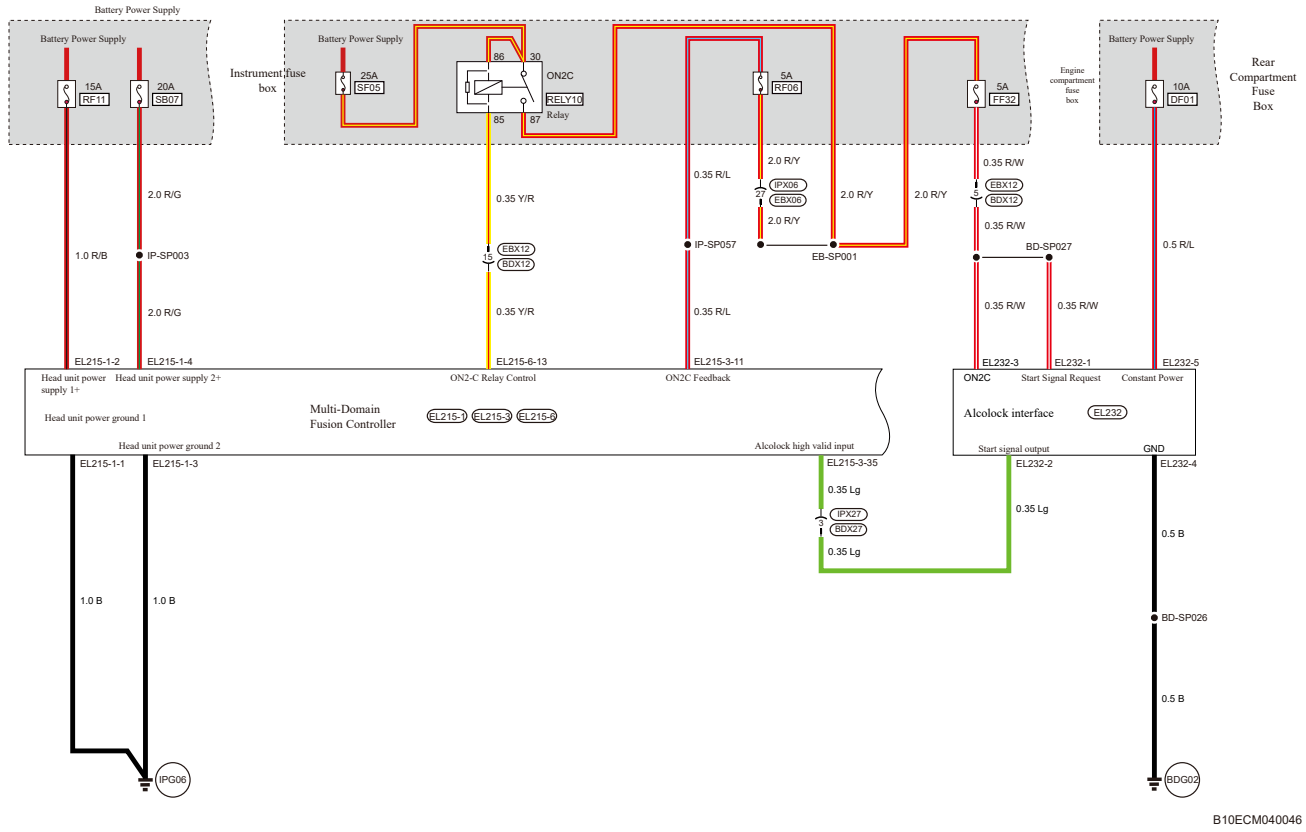
4.45 4.45 VITAL SIGNS DETECTION RADAR SYSTEM WIRING DIAGRAM



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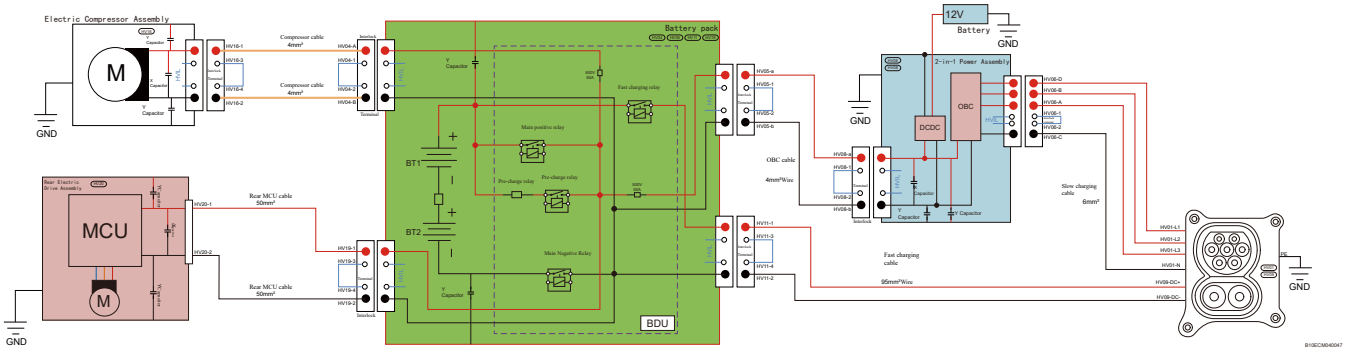
4.46 4.46 ALCOLOCK CONTROLLER CIRCUIT DIAGRAM



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4.47 4.47 HIGH VOLTAGE POWER DISTRIBUTION SYSTEM CIRCUIT DIAGRAM

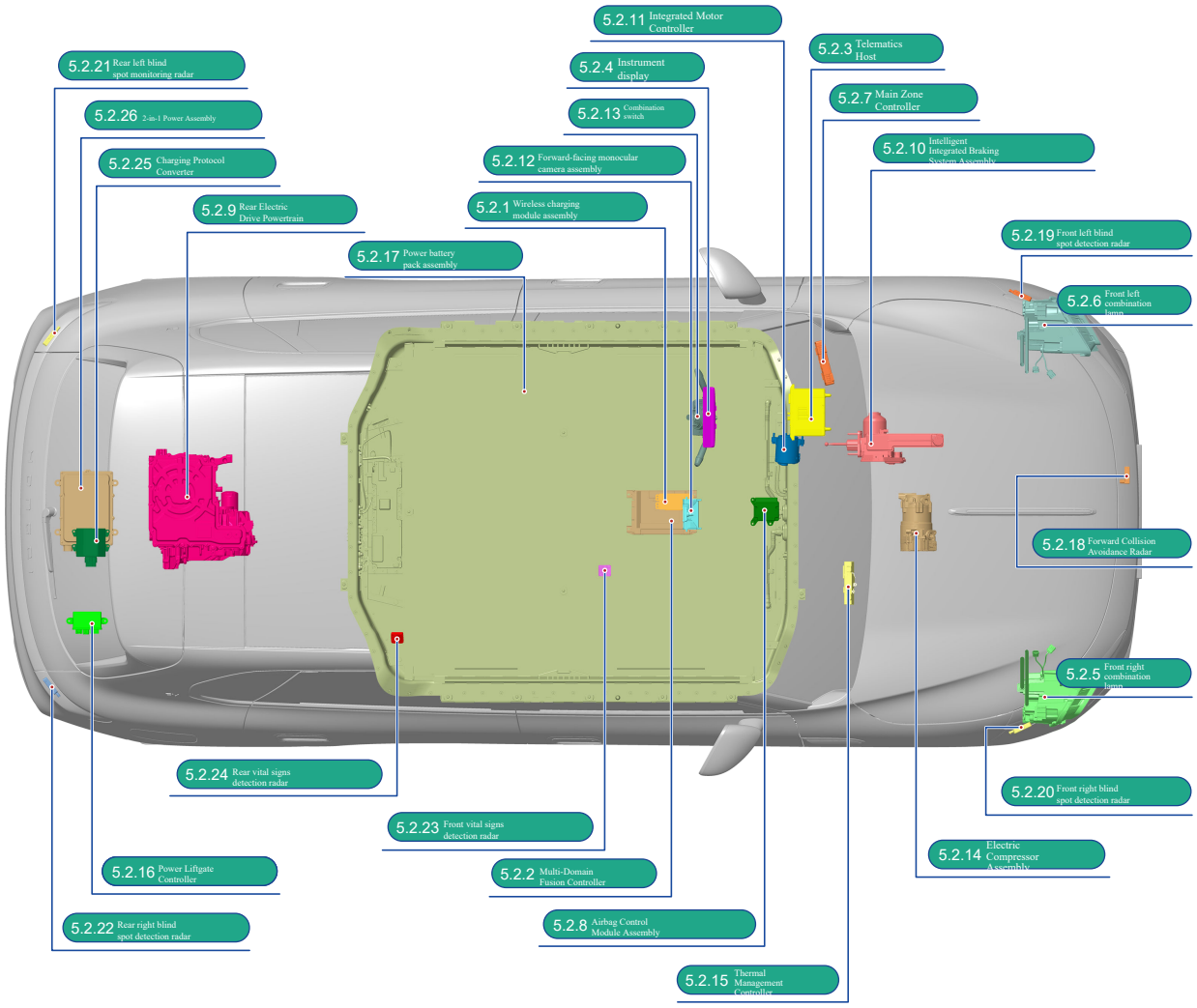


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5 5.CONTROL UNIT LAYOUT DIAGRAM

5.1 5.1 OVERVIEW OF CONTROL UNIT LOCATIONS

5.1.1 5.1.1 OVERVIEW OF CONTROL UNIT LOCATION DISTRIBUTION



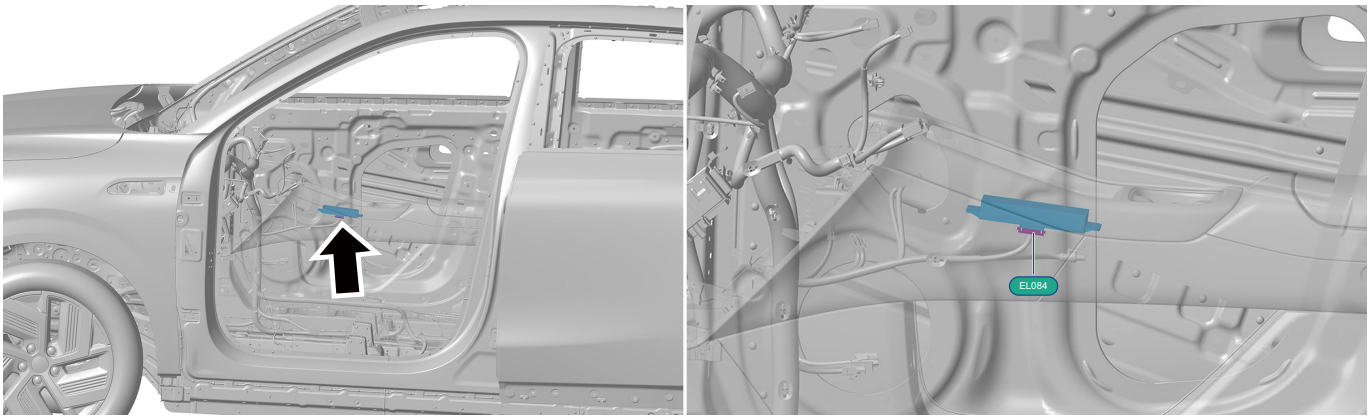
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5.2 5.2 CONTROL UNIT LOCATION DISTRIBUTION

5.2.1 5.2.1 WIRELESS CHARGING MODULE ASSEMBLY

WIRELESS CHARGING MODULE ASSEMBLY LOCATION DIAGRAM



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5.2.2 5.2.2 MULTI-DOMAIN FUSION CONTROLLER

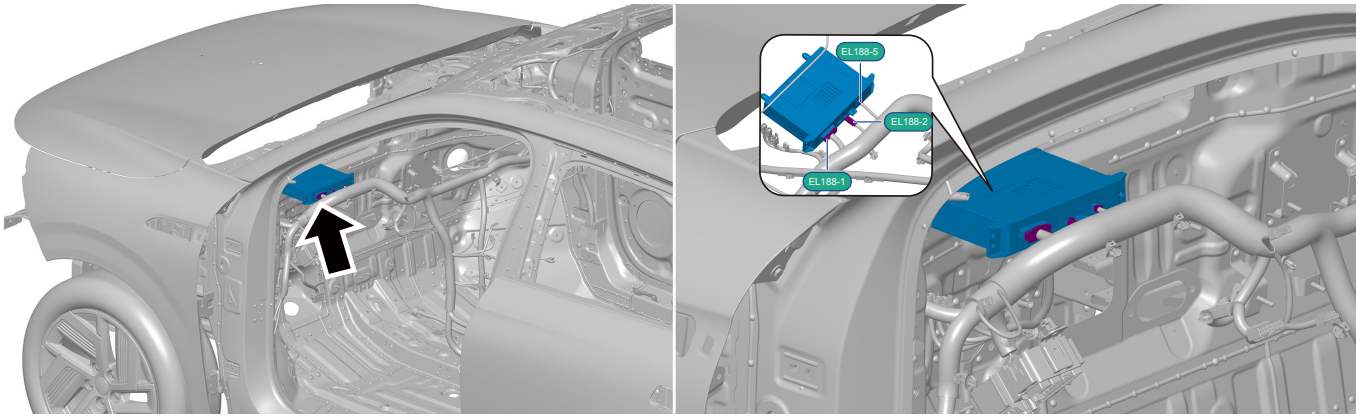
MULTI-DOMAIN FUSION CONTROLLER LOCATION DIAGRAM



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5.2.3 5.2.3 CONNECTED VEHICLE HEAD UNIT

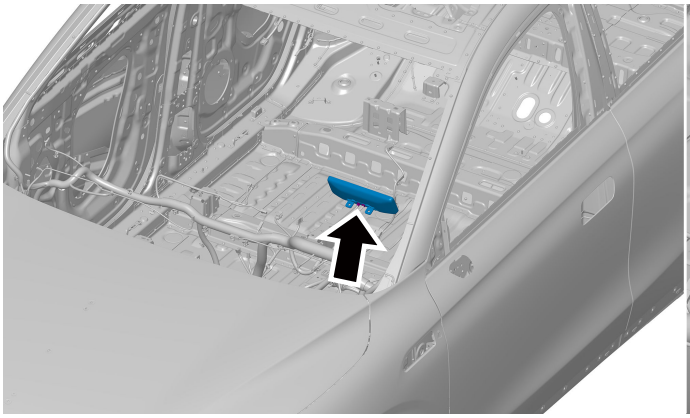
TELEMATICS HOST LOCATION DIAGRAM

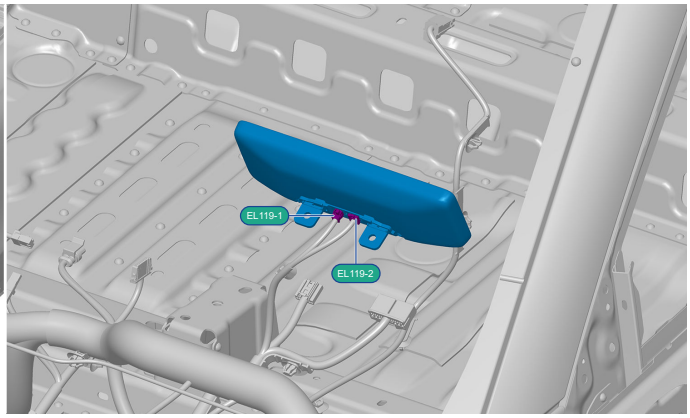


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5.2.4 5.2.4 INSTRUMENT CLUSTER DISPLAY

INSTRUMENT DISPLAY SCREEN LOCATION DIAGRAM

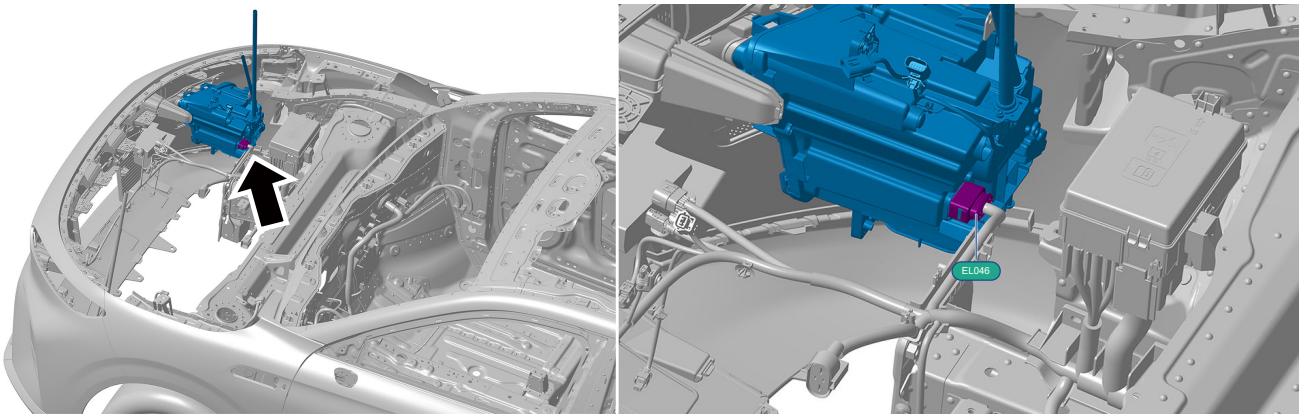




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5.2.5 5.2.5 FRONT RIGHT COMBINATION LAMP

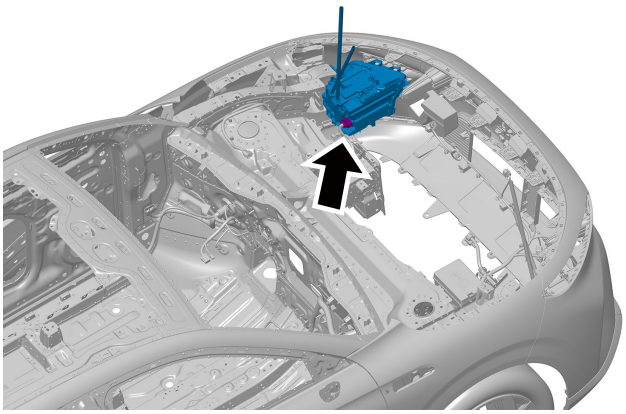
FRONT RIGHT COMBINATION LAMP LOCATION DIAGRAM

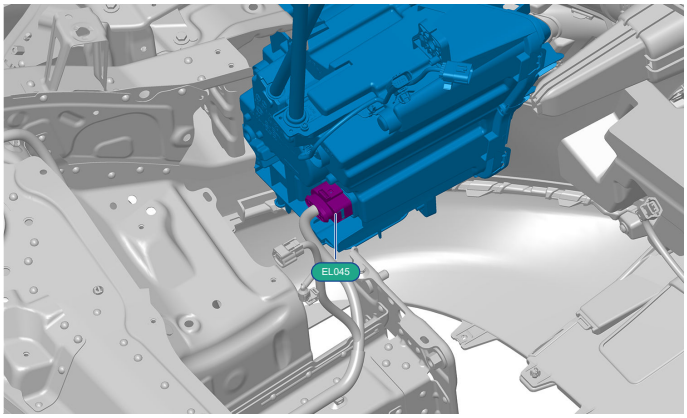


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5.2.6 5.2.6 FRONT LEFT COMBINATION LAMP

FRONT LEFT COMBINATION LAMP LOCATION DIAGRAM

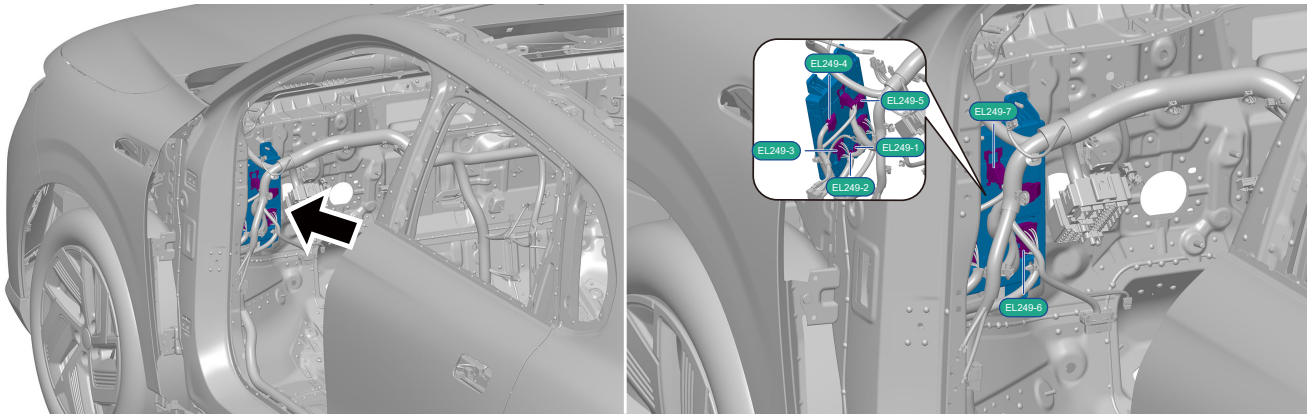




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5.2.7 5.2.7 MAIN ZONE CONTROLLER

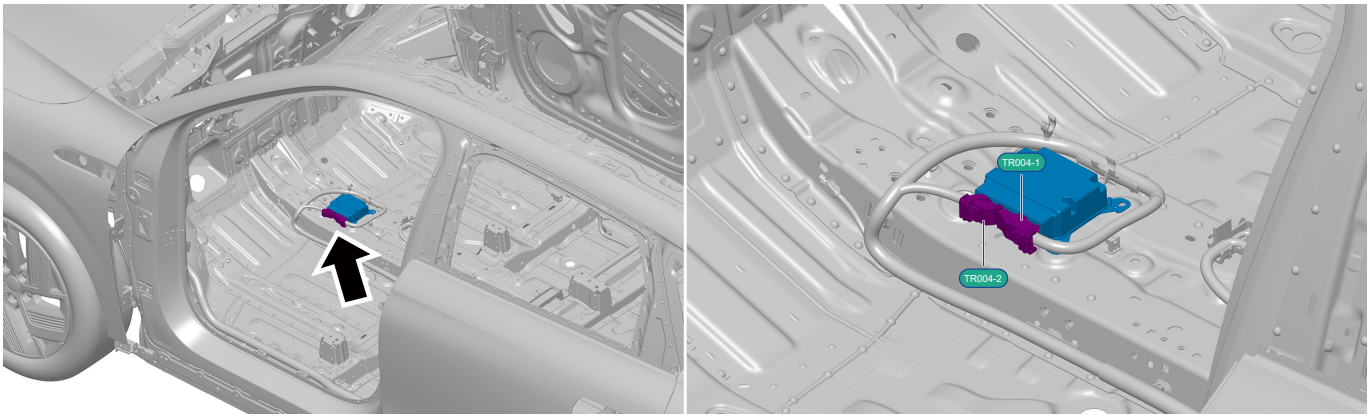
MAIN ZONE CONTROLLER LOCATION DIAGRAM



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5.2.8 5.2.8 AIRBAG CONTROL MODULE ASSEMBLY

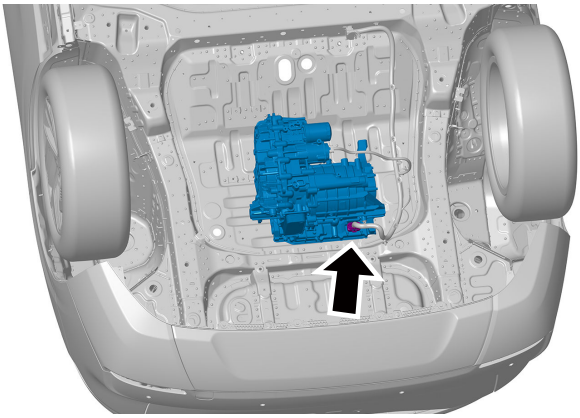
AIRBAG CONTROL MODULE ASSEMBLY LOCATION DIAGRAM

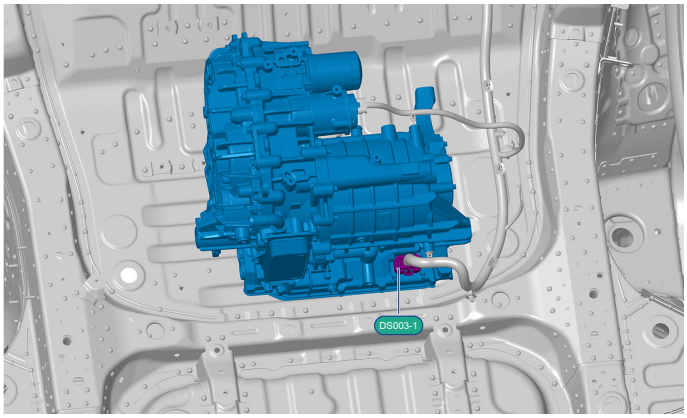


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5.2.9 5.2.9 REAR ELECTRIC DRIVE POWERTRAIN

REAR ELECTRIC DRIVE POWERTRAIN LOCATION DIAGRAM

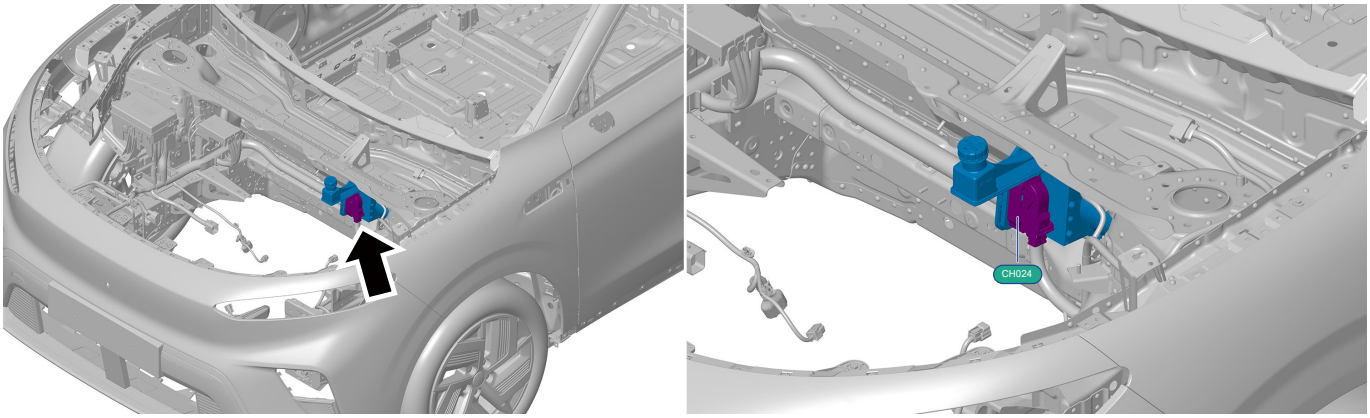




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5.2.10 5.2.10 INTELLIGENT INTEGRATED BRAKE SYSTEM ASSEMBLY

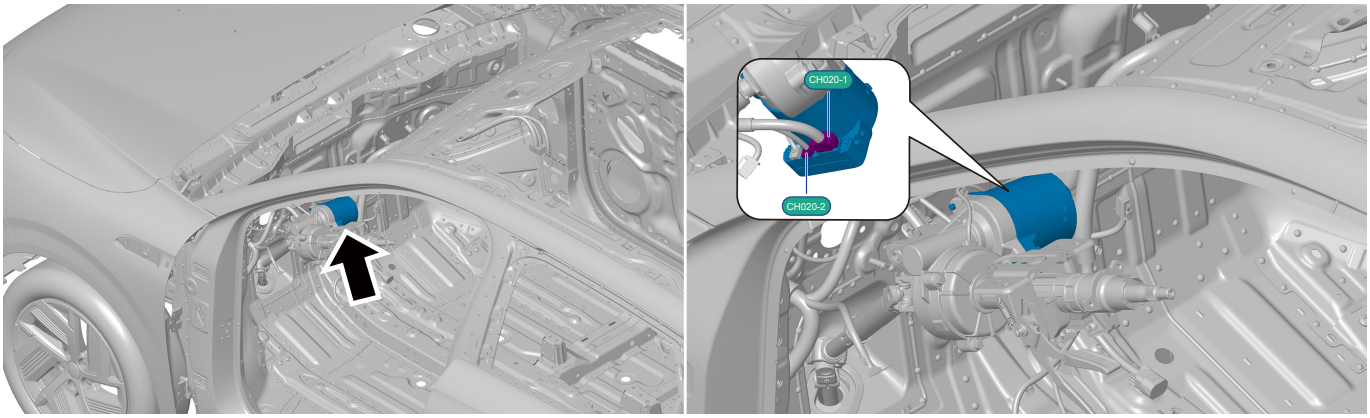
INTELLIGENT INTEGRATED BRAKING SYSTEM ASSEMBLY LOCATION DIAGRAM



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5.2.11 5.2.11 INTEGRATED MOTOR CONTROLLER

INTEGRATED MOTOR CONTROLLER LOCATION DIAGRAM



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5.2.12 5.2.12 FORWARD-FACING MONO CAMERA ASSEMBLY

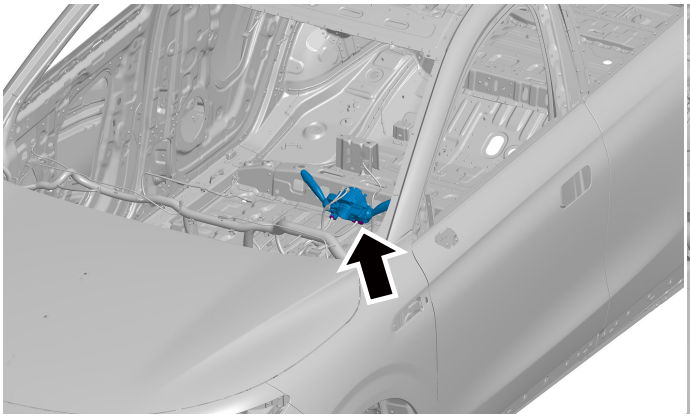
FRONT MONOCULAR CAMERA ASSEMBLY LOCATION DIAGRAM

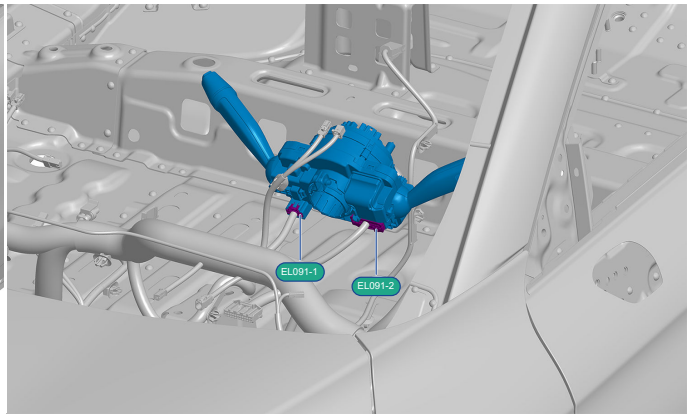


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5.2.13 5.2.13 COMBINATION SWITCH

COMBINATION SWITCH LOCATION DIAGRAM

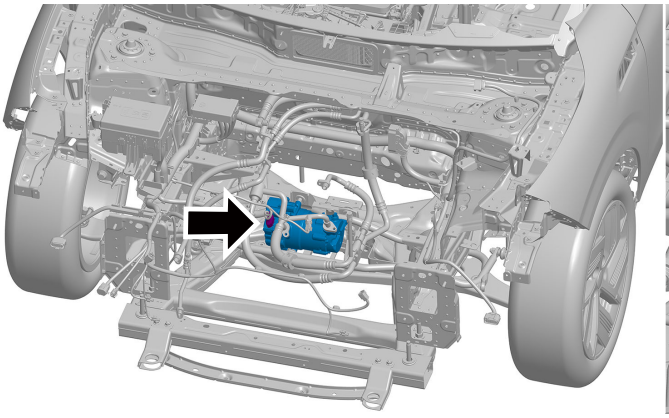


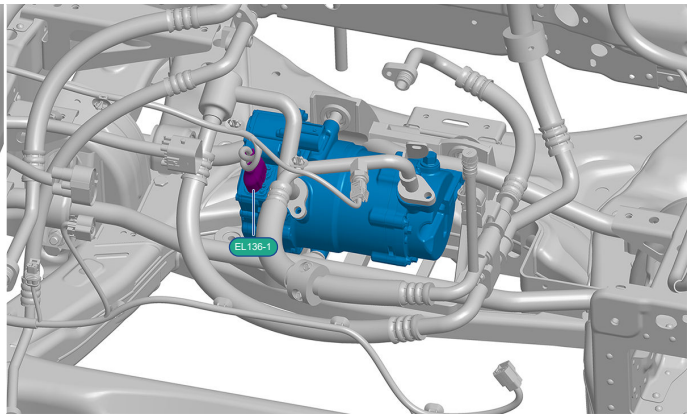


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5.2.14 5.2.14 ELECTRIC COMPRESSOR ASSEMBLY

ELECTRIC COMPRESSOR ASSEMBLY LOCATION DIAGRAM

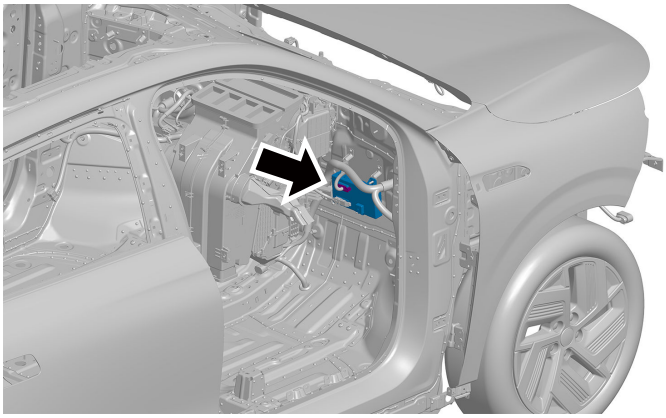


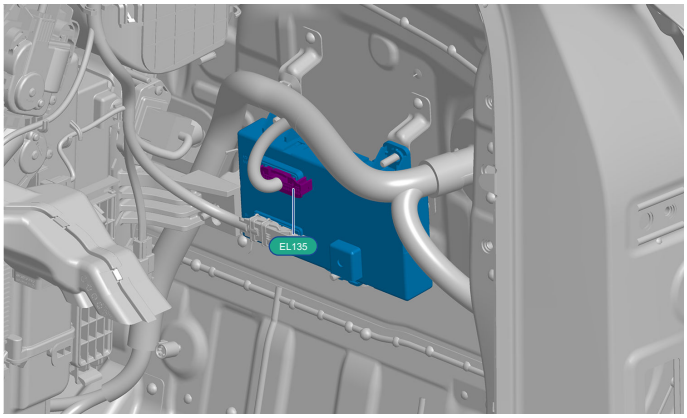


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5.2.15 5.2.15 THERMAL MANAGEMENT CONTROLLER

THERMAL MANAGEMENT CONTROLLER LOCATION DIAGRAM

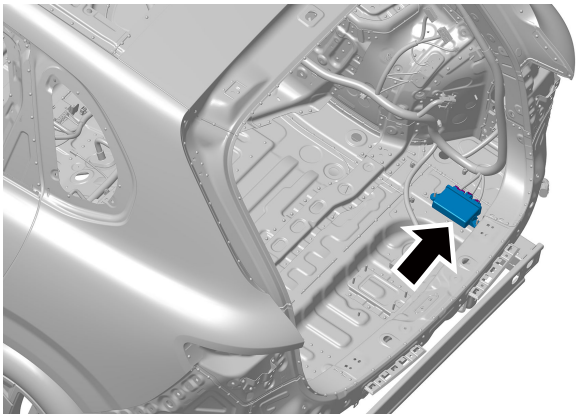


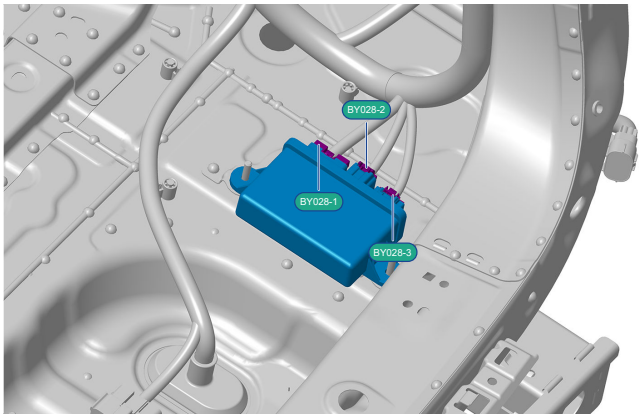


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5.2.16 5.2.16 POWER LIFTGATE CONTROLLER

POWER LIFTGATE CONTROLLER LOCATION DIAGRAM

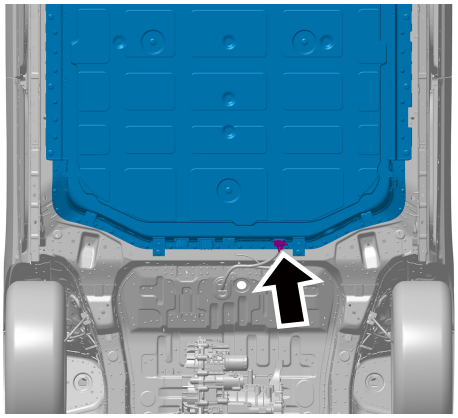


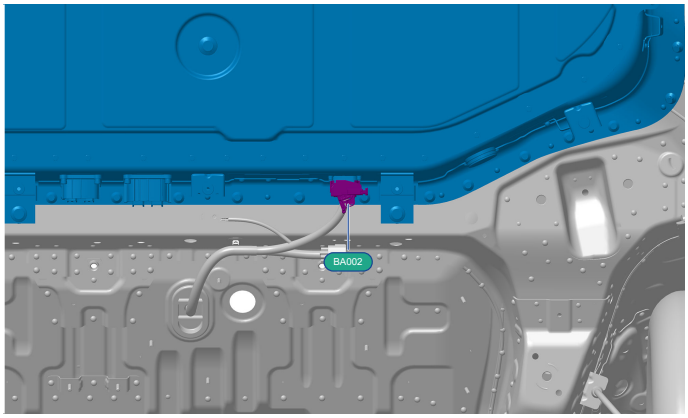


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5.2.17 5.2.17 POWER BATTERY PACK ASSEMBLY

TRACTION BATTERY PACK ASSEMBLY LOCATION DIAGRAM

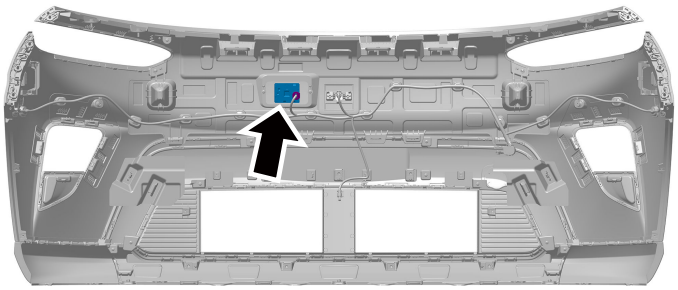


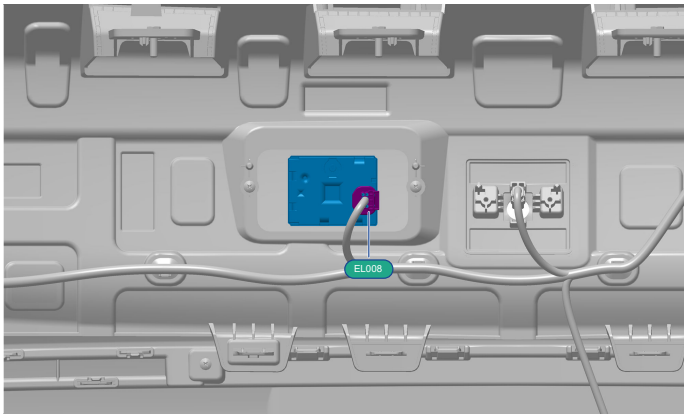


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5.2.18 5.2.18 FORWARD COLLISION AVOIDANCE RADAR

FORWARD COLLISION AVOIDANCE RADAR LOCATION DIAGRAM

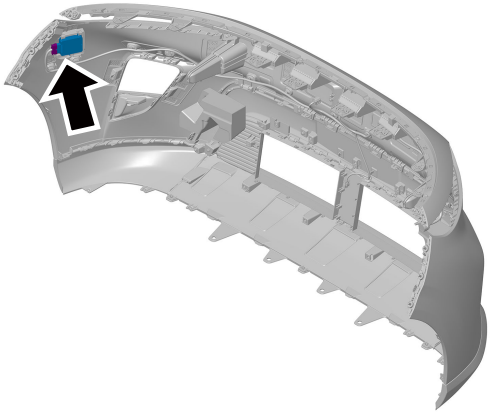


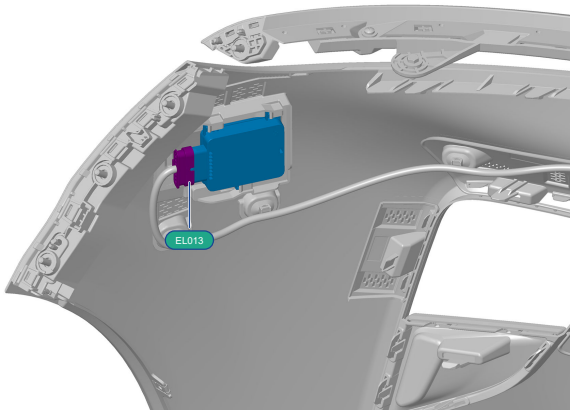


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5.2.19 5.2.19 FRONT LEFT BLIND SPOT MONITORING RADAR

FRONT LEFT BLIND SPOT DETECTION RADAR LOCATION DIAGRAM

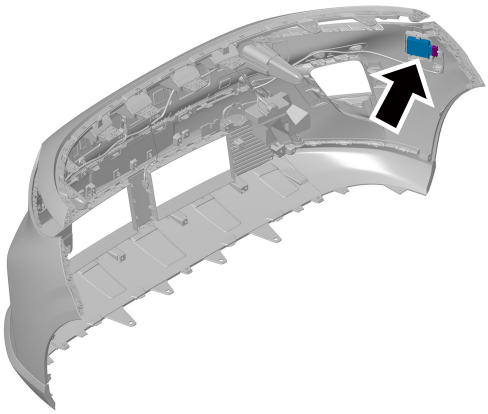


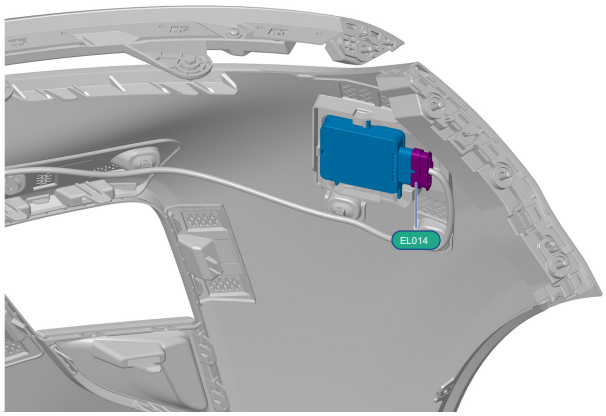


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5.2.20 5.2.20 FRONT RIGHT BLIND SPOT DETECTION RADAR

FRONT RIGHT BLIND SPOT MONITORING RADAR LOCATION DIAGRAM

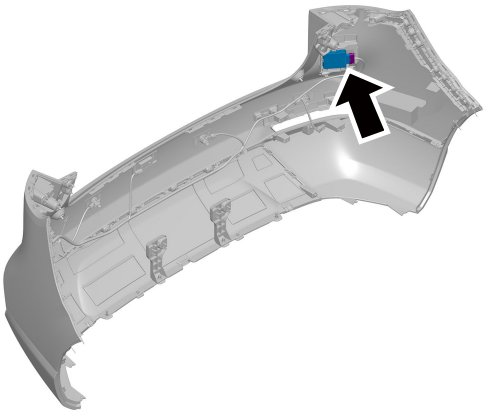


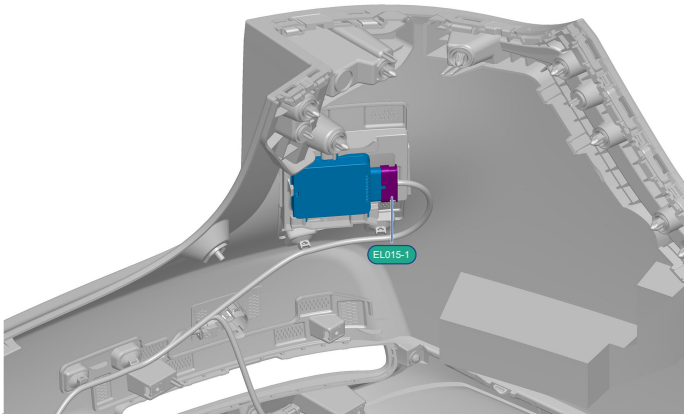


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5.2.21 5.2.21 REAR LEFT BLIND SPOT MONITORING RADAR

REAR LEFT BLIND SPOT MONITORING RADAR LOCATION DIAGRAM

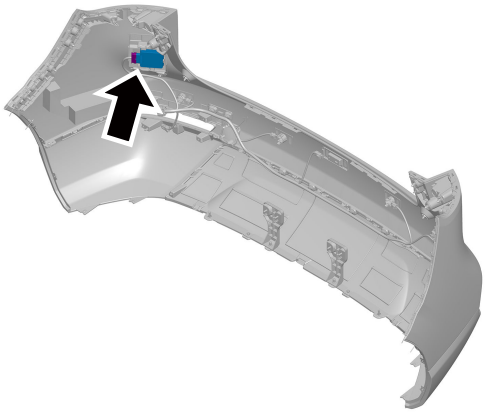


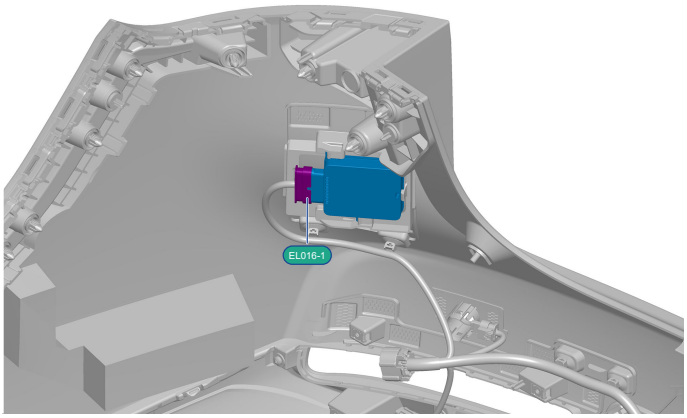


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5.2.22 5.2.22 REAR RIGHT BLIND SPOT MONITORING RADAR

REAR RIGHT BLIND SPOT MONITORING RADAR LOCATION DIAGRAM

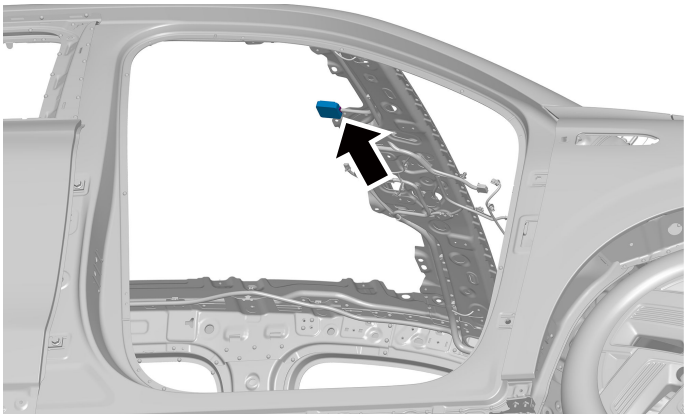


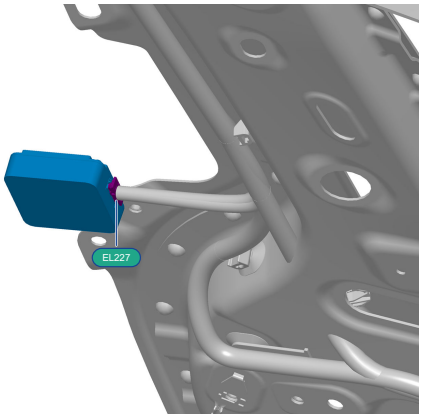


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5.2.23 5.2.23 FRONT VITAL SIGNS DETECTION RADAR

FRONT VITAL SIGNS DETECTION RADAR LOCATION DIAGRAM

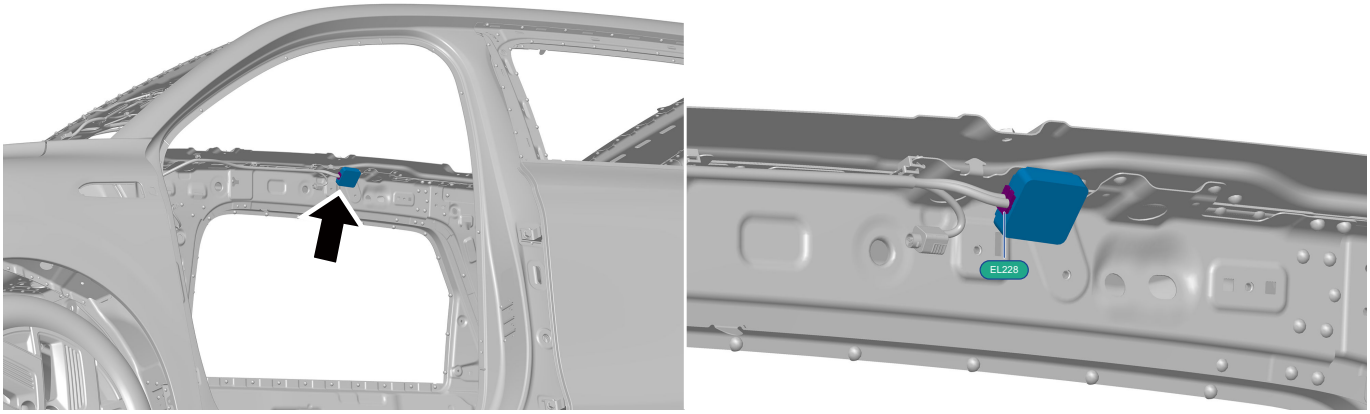




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5.2.24 5.2.24 REAR VITAL SIGN DETECTION RADAR

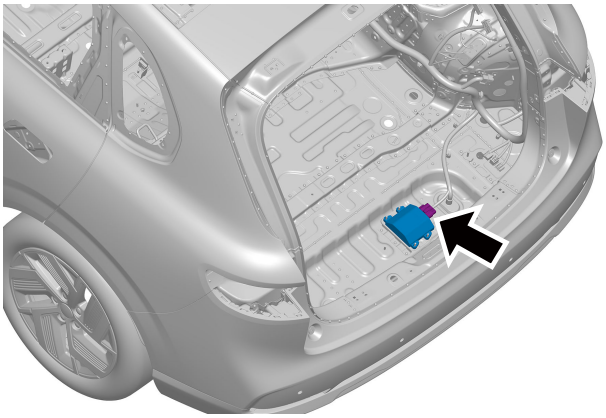
REAR VITAL SIGNS DETECTION RADAR LOCATION DIAGRAM

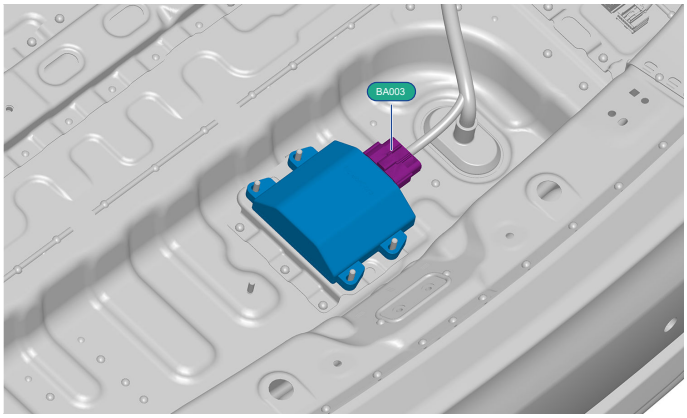


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5.2.25 5.2.25 CHARGING PROTOCOL CONVERTER

CHARGING PROTOCOL CONVERTER LOCATION DIAGRAM

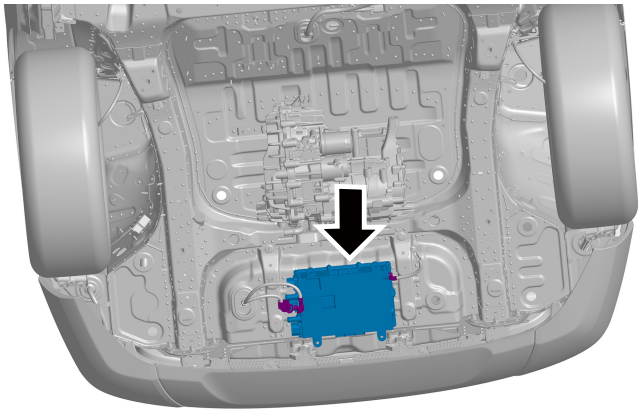


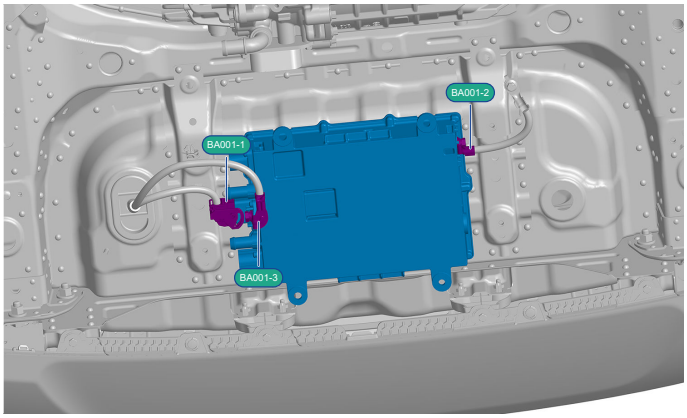


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5.2.26 5.2.26 2-IN-1 POWER SUPPLY ASSEMBLY

TWO-IN-ONE POWER SUPPLY ASSEMBLY LOCATION DIAGRAM



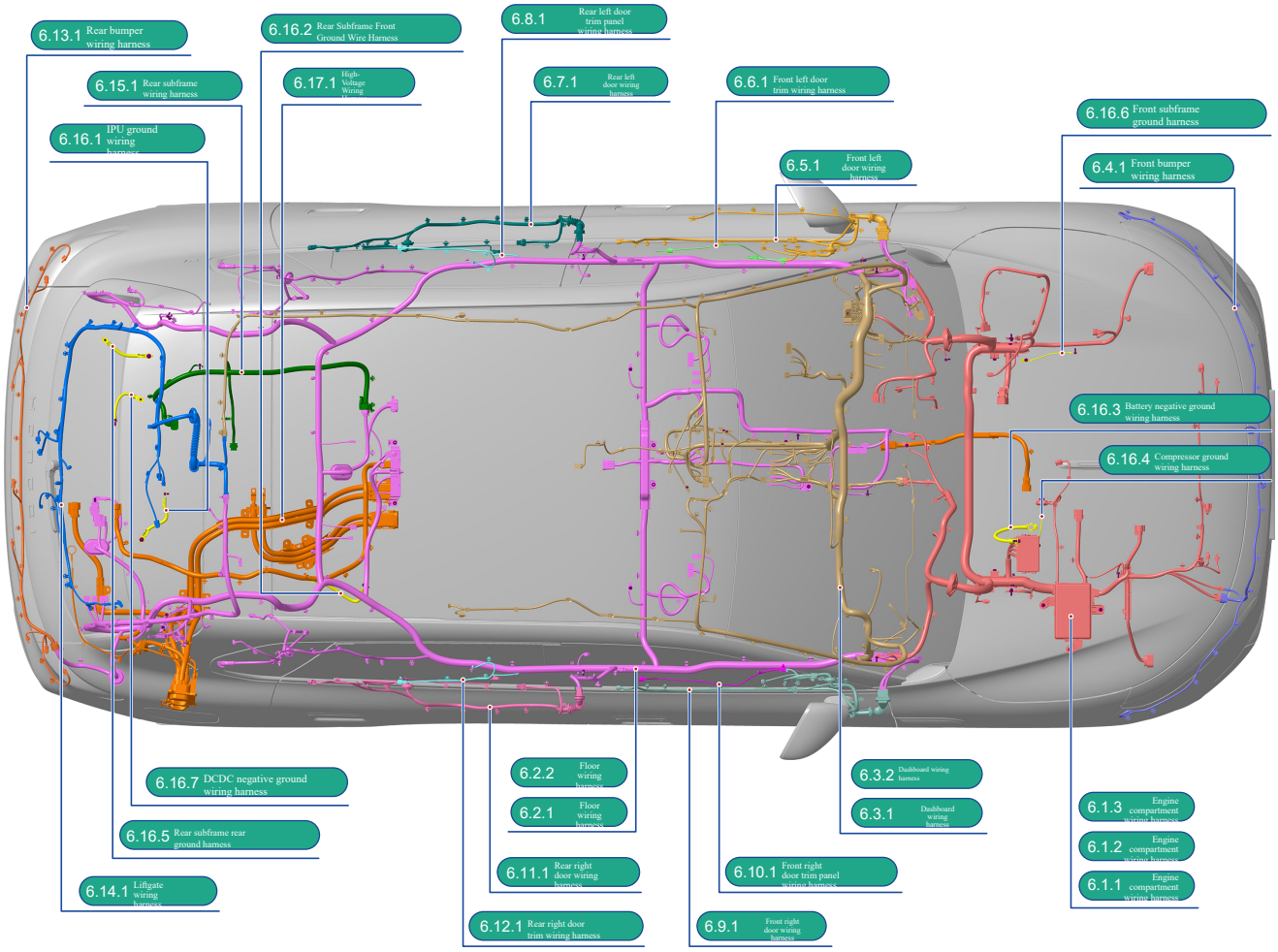


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6 6.WIRING HARNESS LAYOUT DIAGRAM

6.1 6.0 WIRING HARNESS OVERVIEW

6.1.1 6.0.0 WIRING HARNESS OVERVIEW

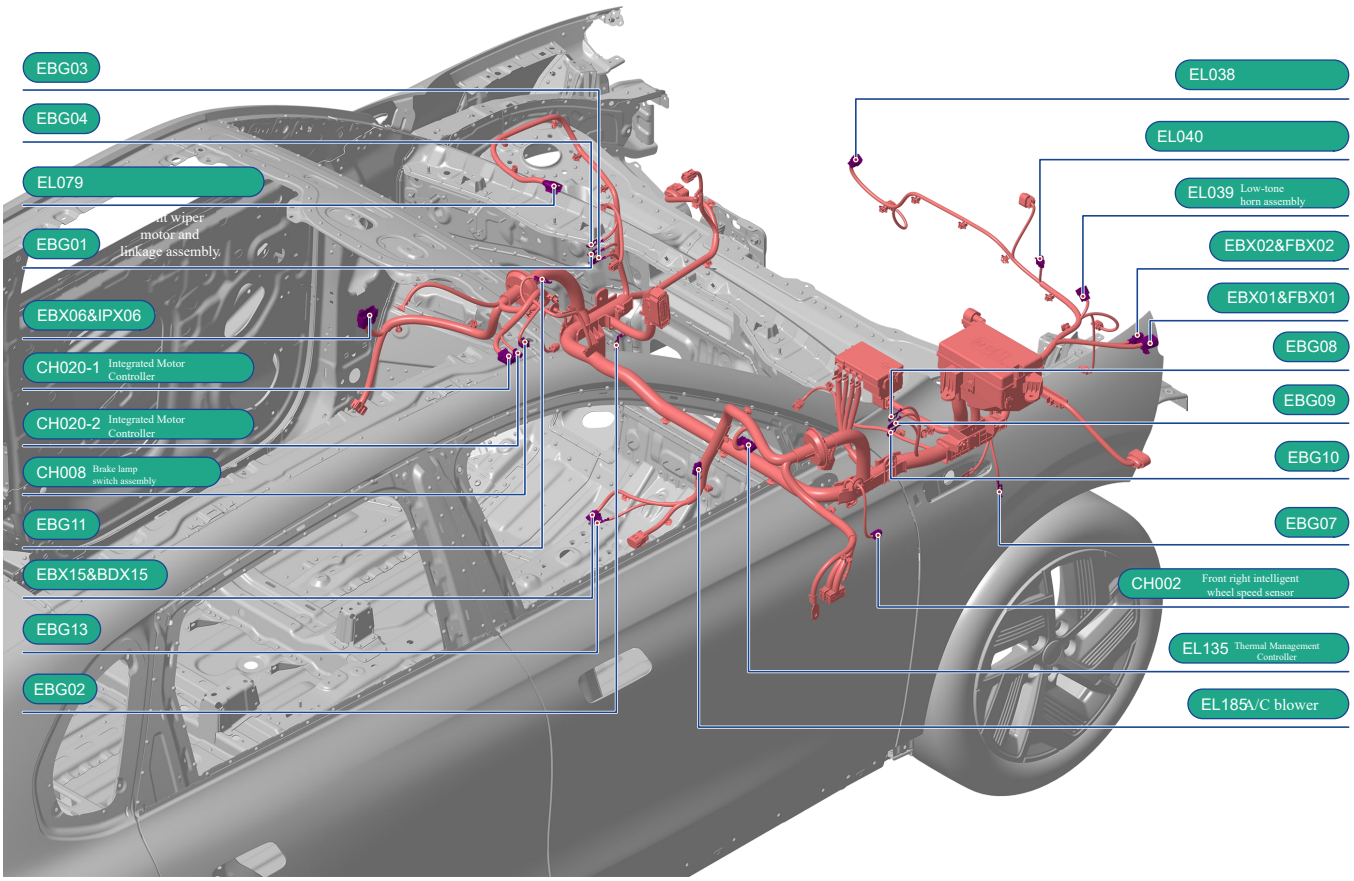


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6.2 6.1 ENGINE COMPARTMENT WIRING HARNESS

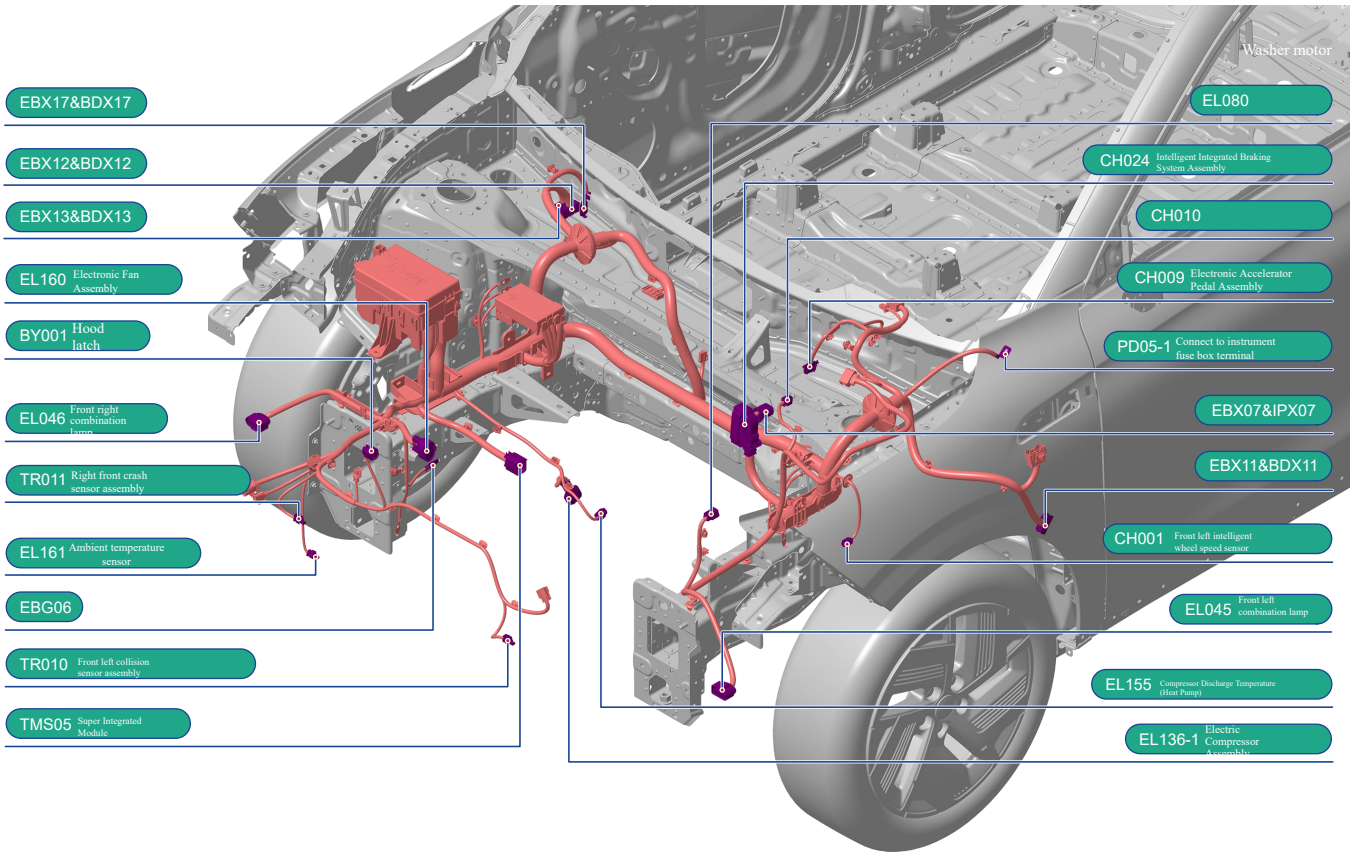
6.2.1 6.1.1 ENGINE COMPARTMENT WIRING HARNESS



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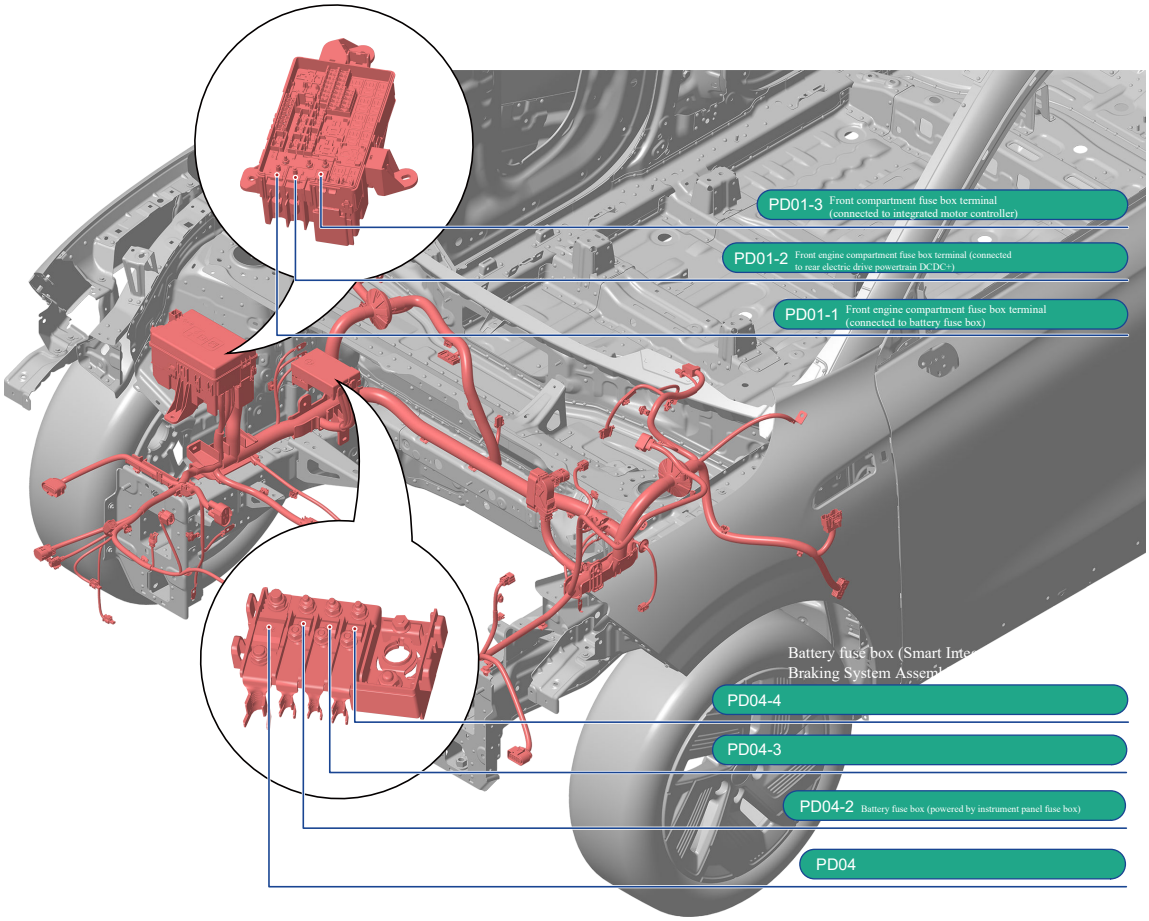
6.2.2 6.1.2 ENGINE COMPARTMENT WIRING HARNESS



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6.2.3 6.1.3 ENGINE COMPARTMENT WIRING HARNESS

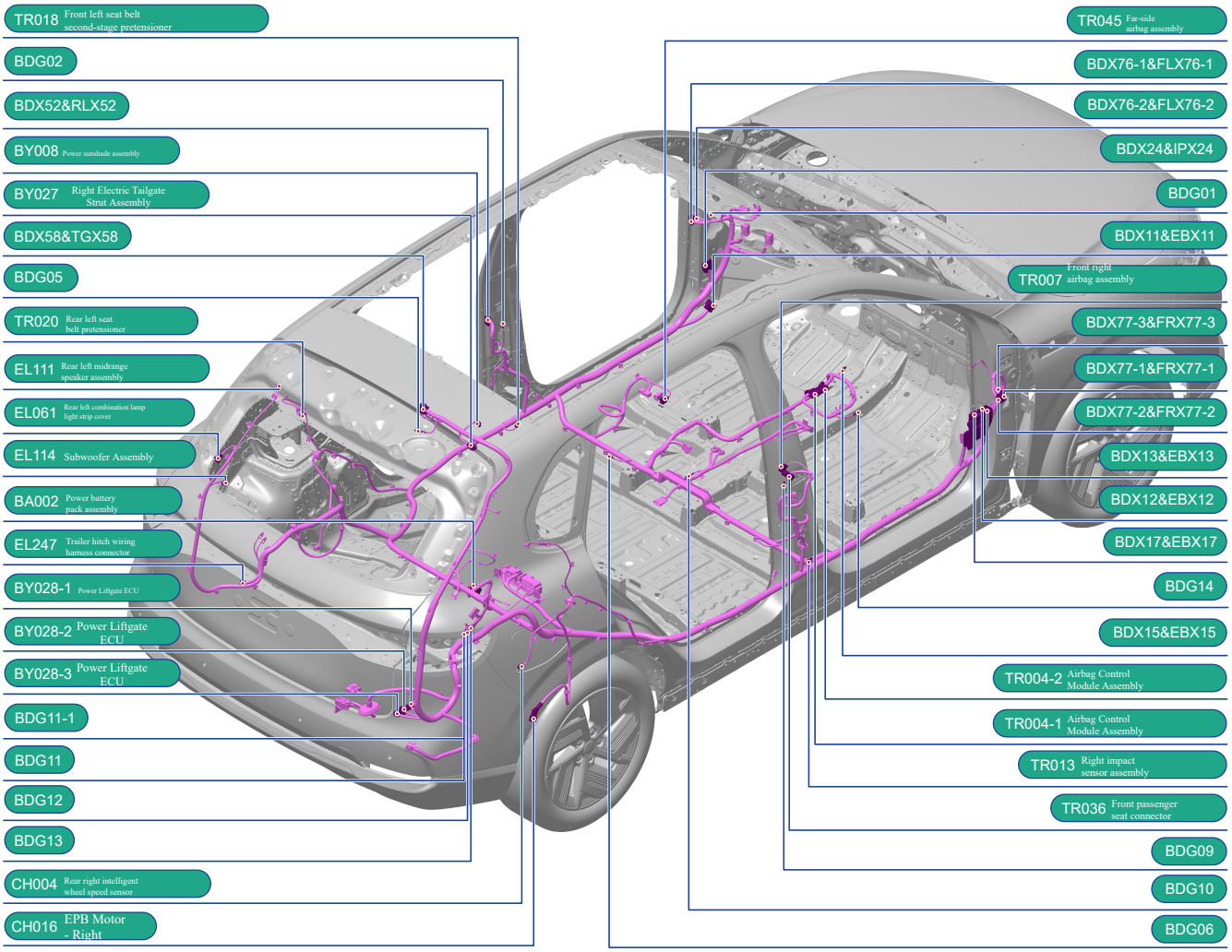


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6.3 6.2 FLOOR WIRING HARNESS

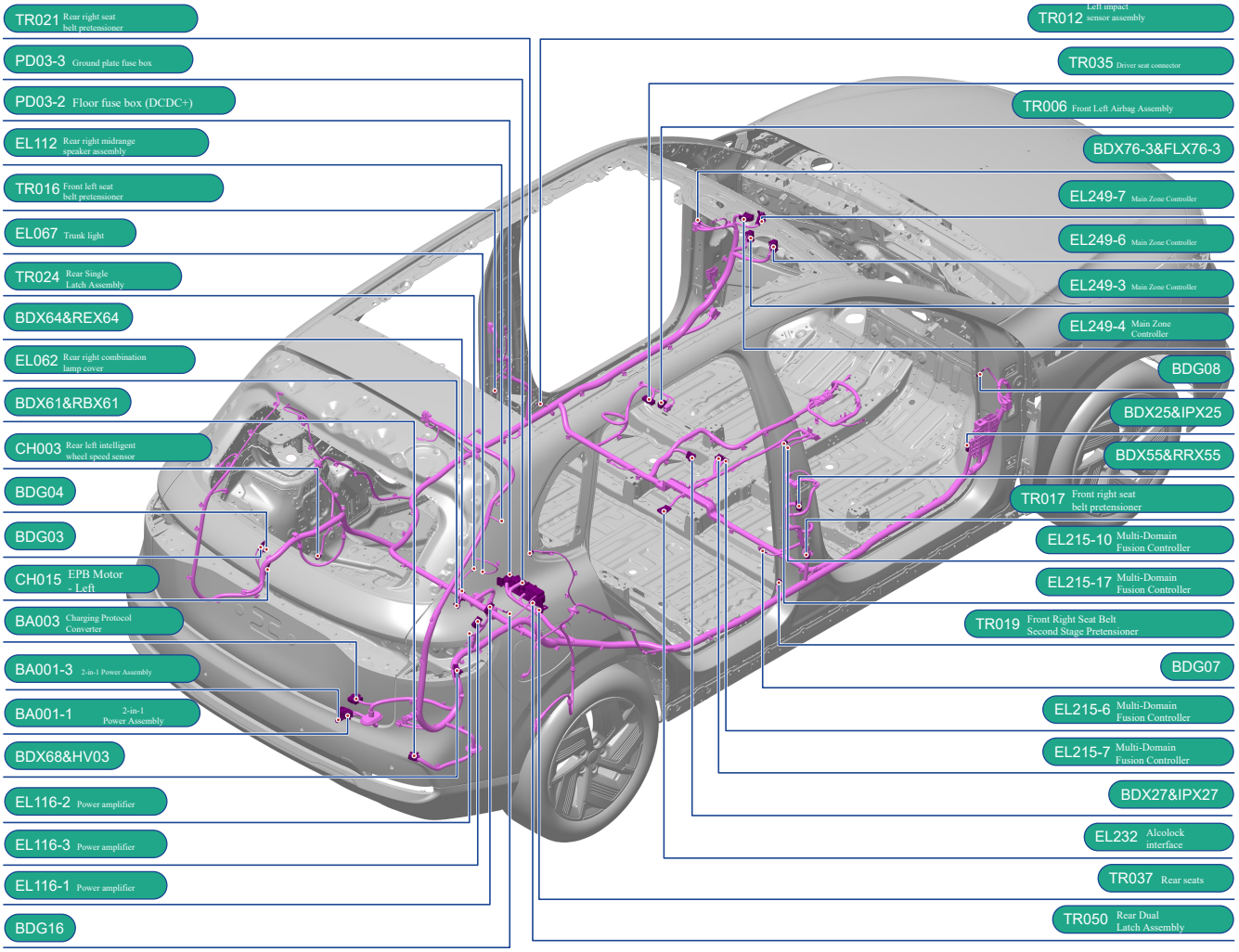
6.3.1 6.2.1 FLOOR WIRING HARNESS



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6.3.2 6.2.2 FLOOR WIRING HARNESS

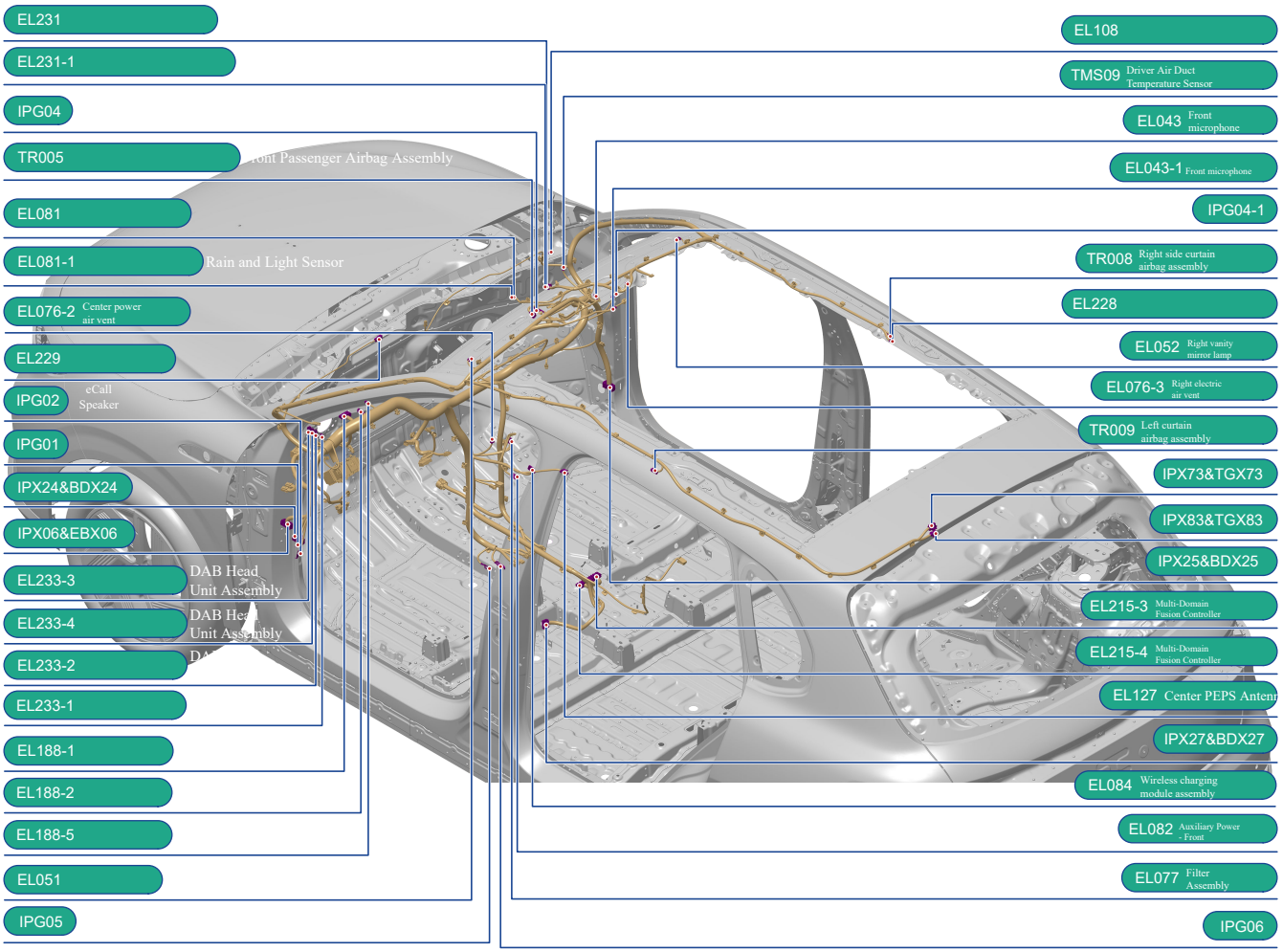


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6.4 6.3 INSTRUMENT PANEL WIRING HARNESS

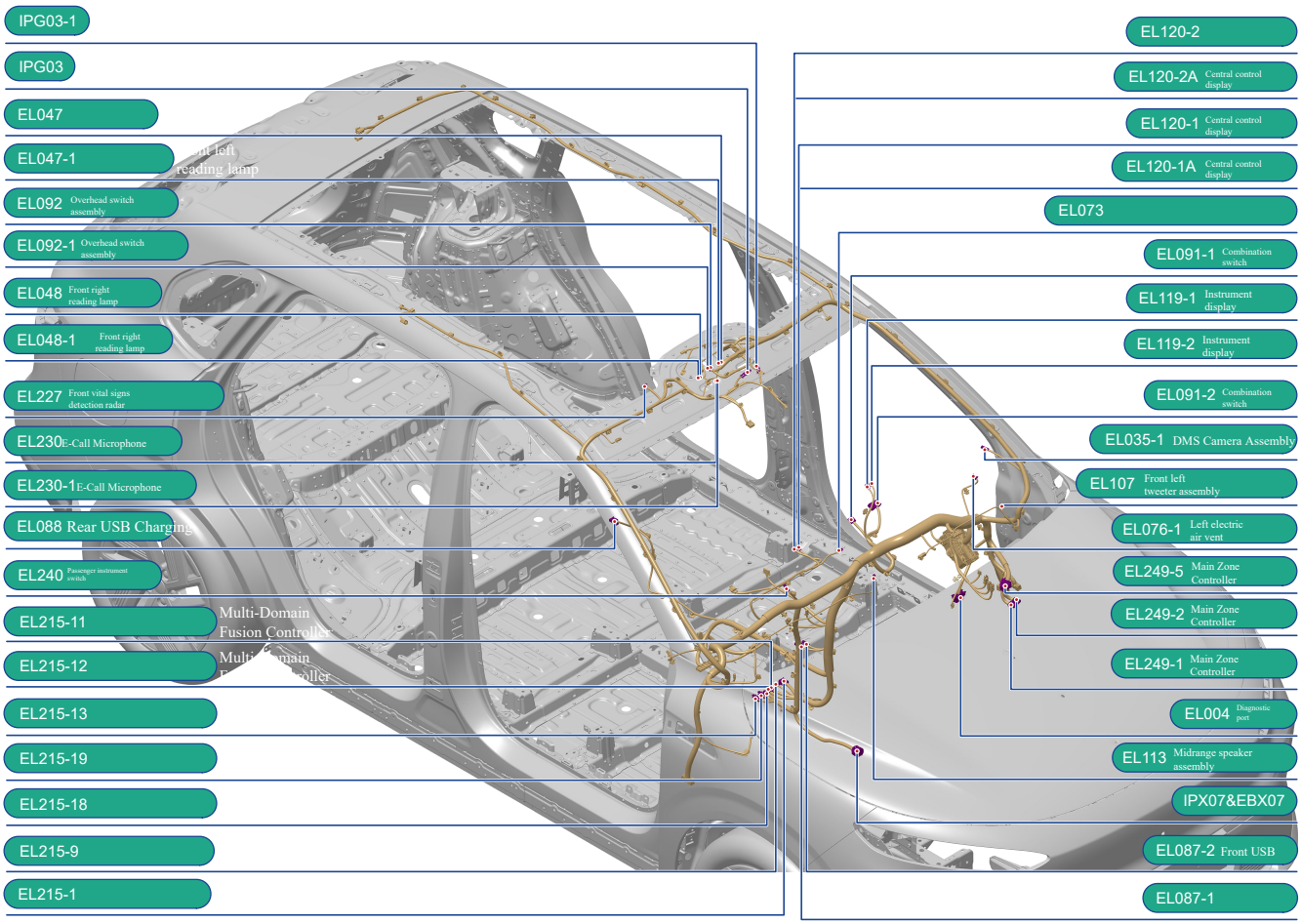
6.4.1 6.3.1 INSTRUMENT PANEL WIRING HARNESS



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6.4.2 6.3.2 INSTRUMENT PANEL WIRING HARNESS

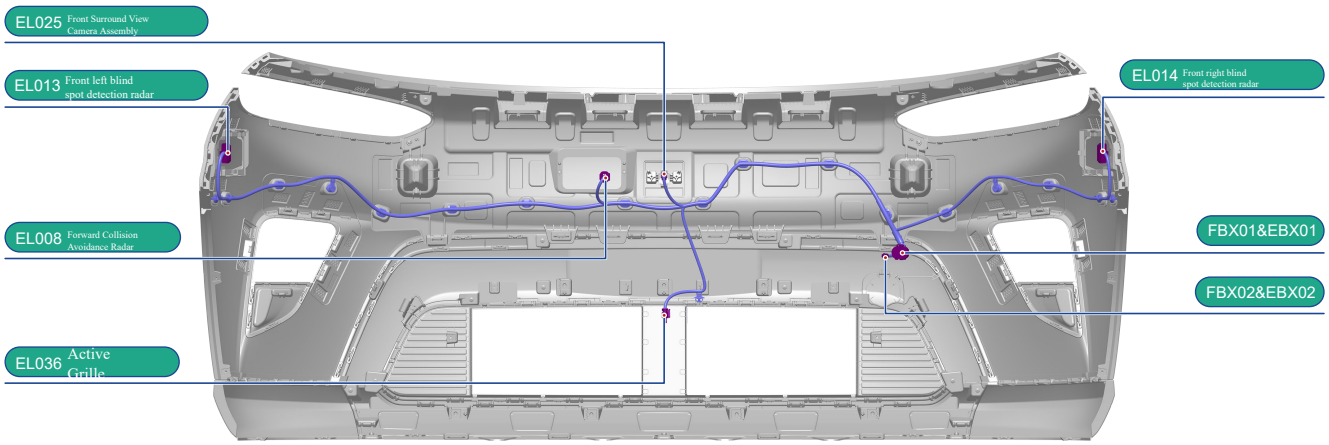


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6.5 6.4 FRONT BUMPER WIRING HARNESS

6.5.1 6.4.1 FRONT BUMPER WIRING HARNESS

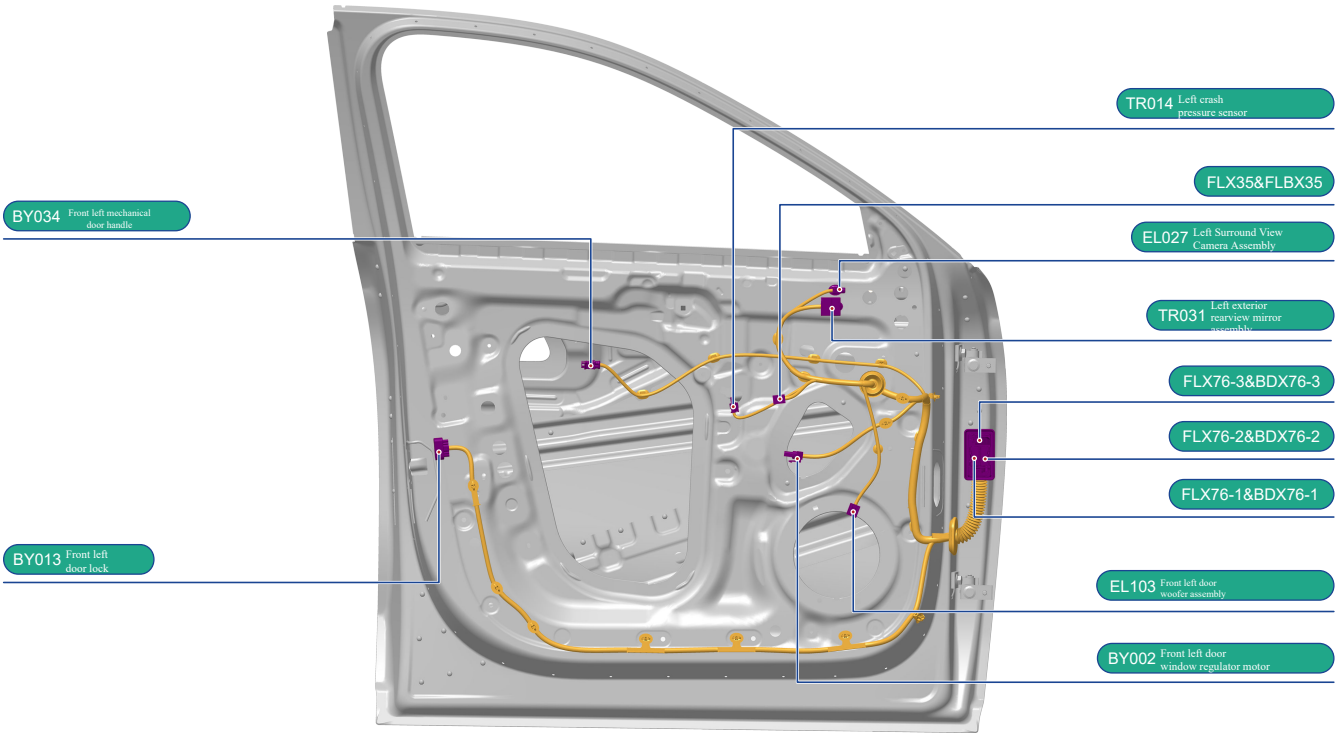


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6.6 6.5 FRONT LEFT DOOR WIRING HARNESS

6.6.1 6.5.1 LEFT FRONT DOOR WIRING HARNESS

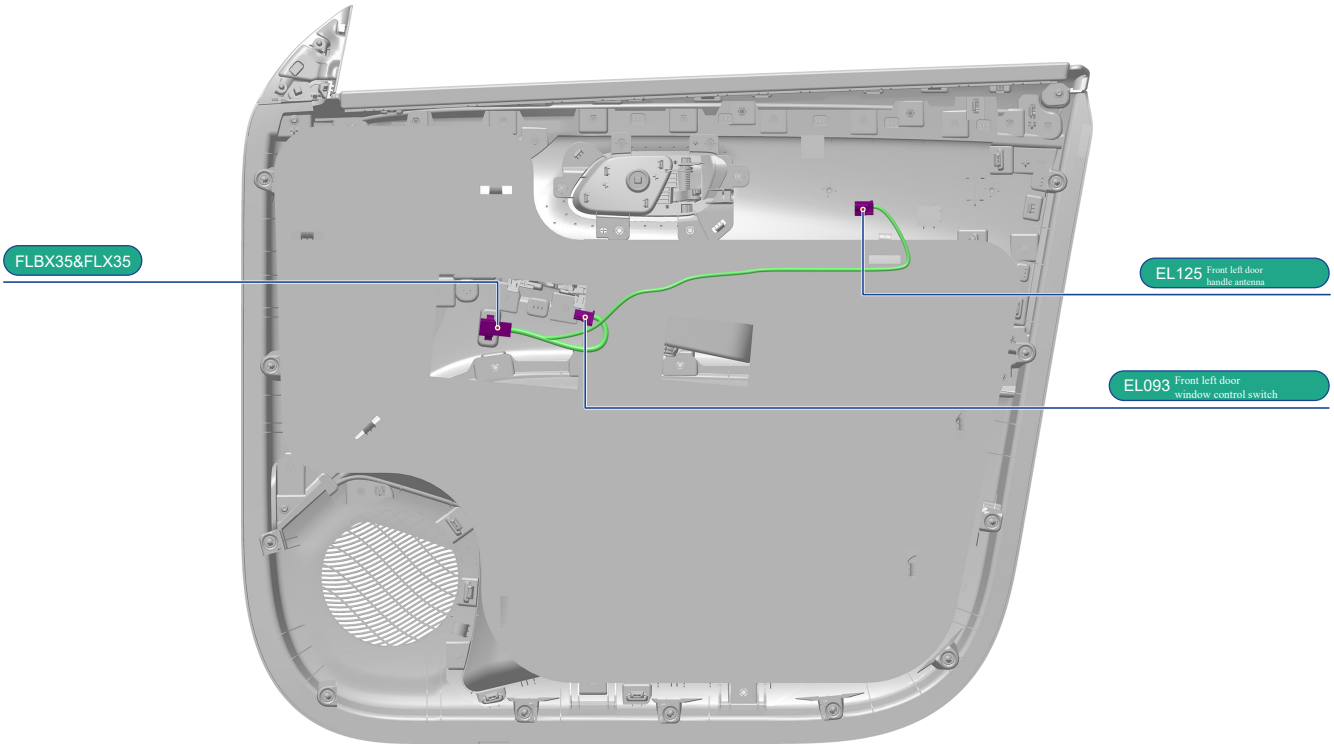


B10ECM060051

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6.7 6.6 LEFT FRONT DOOR TRIM PANEL WIRING HARNESS

6.7.1 6.6.1 FRONT LEFT DOOR TRIM PANEL WIRING HARNESS

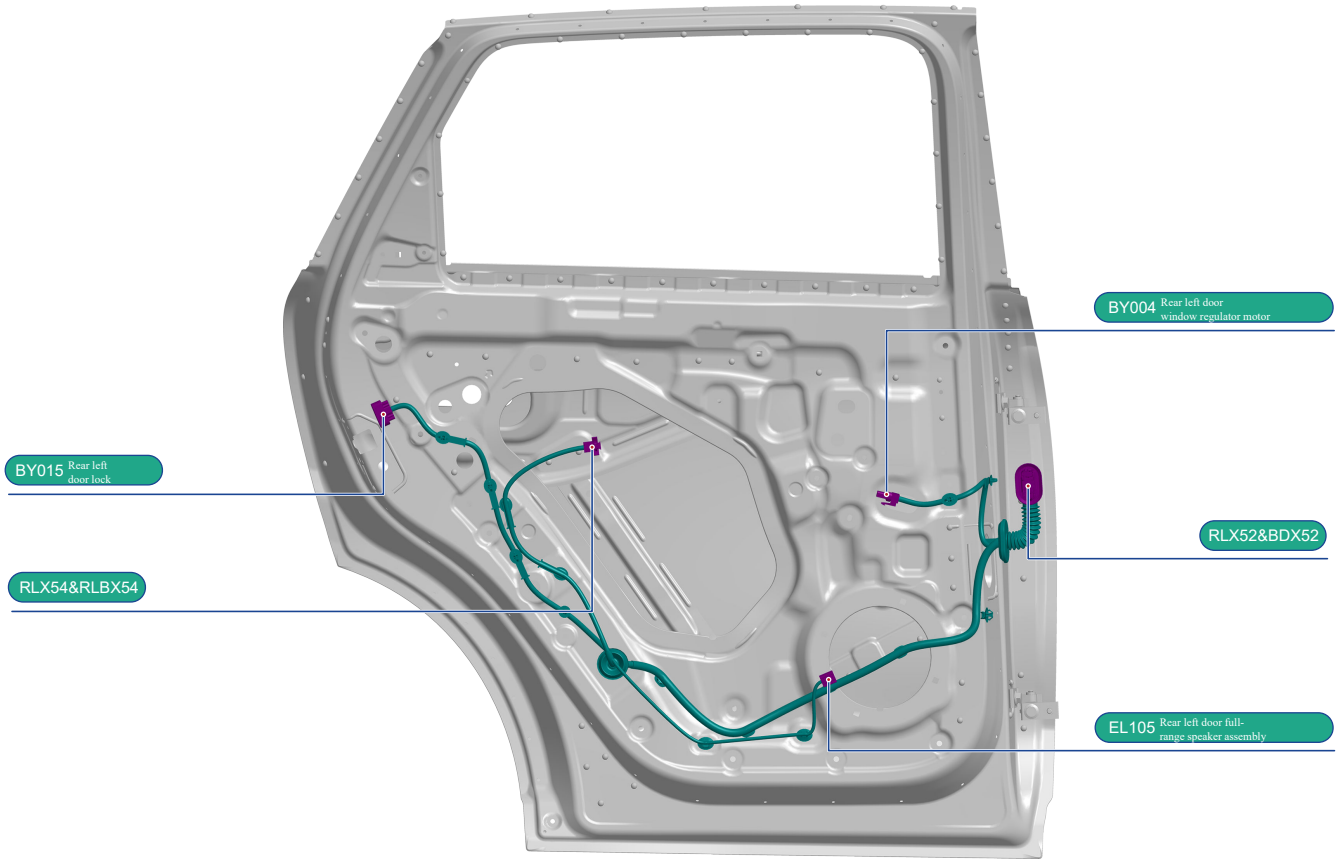


B10ECM060061

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6.8 6.7 REAR LEFT DOOR WIRING HARNESS

6.8.1 6.7.1 REAR LEFT DOOR WIRING HARNESS

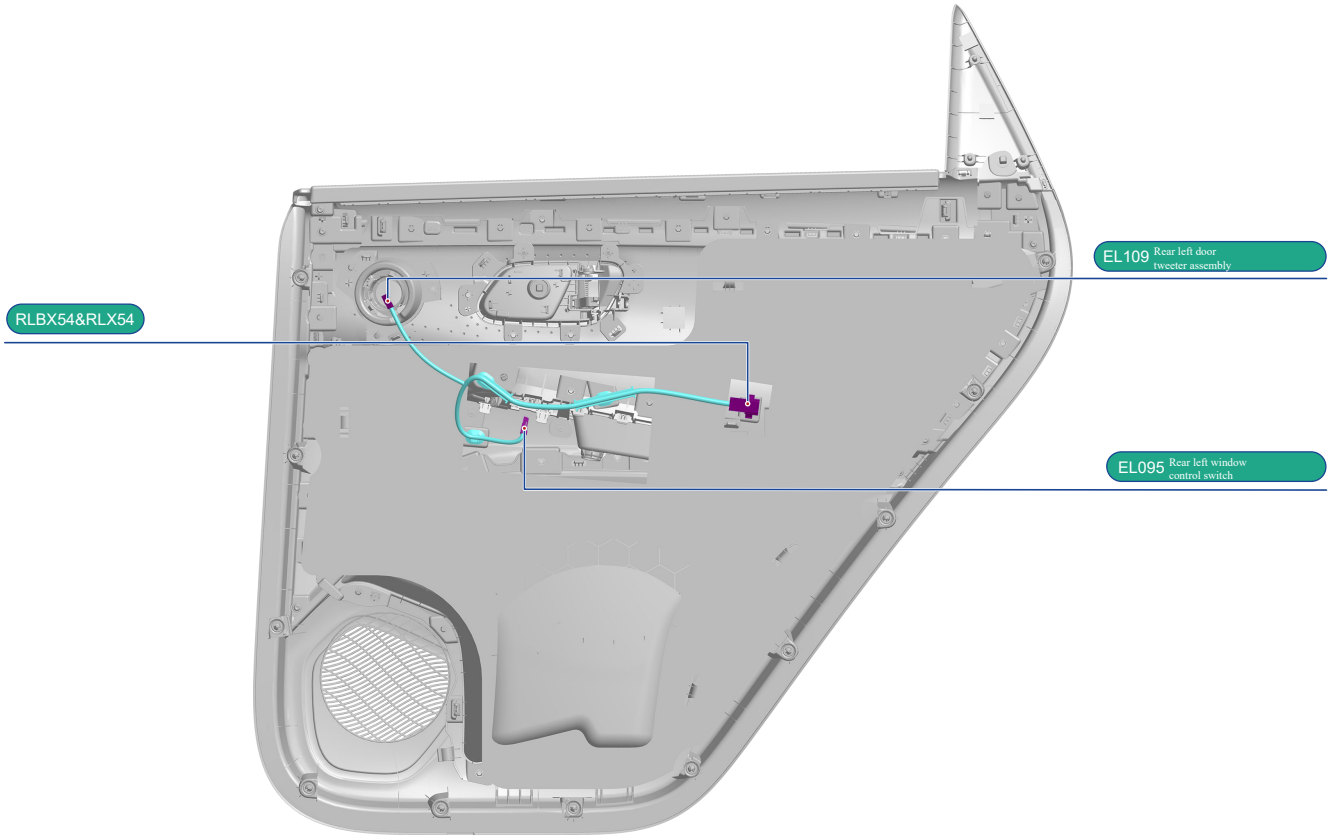


B10ECM060071

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6.9 6.8 REAR LEFT DOOR TRIM PANEL WIRING HARNESS

6.9.1 6.8.1 REAR LEFT DOOR TRIM PANEL WIRING HARNESS

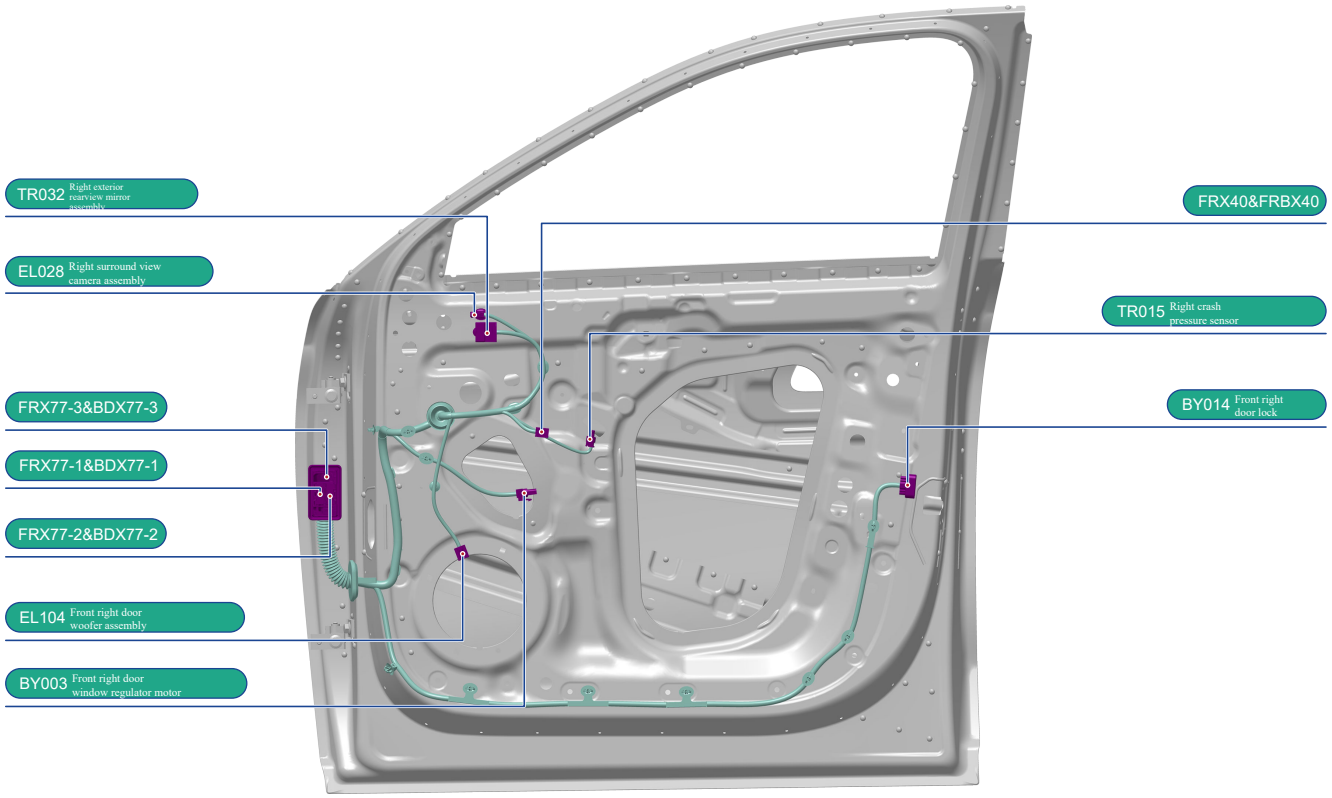


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6.10 6.9 FRONT RIGHT DOOR WIRING HARNESS

6.10.1 6.9.1 RIGHT FRONT DOOR WIRING HARNESS

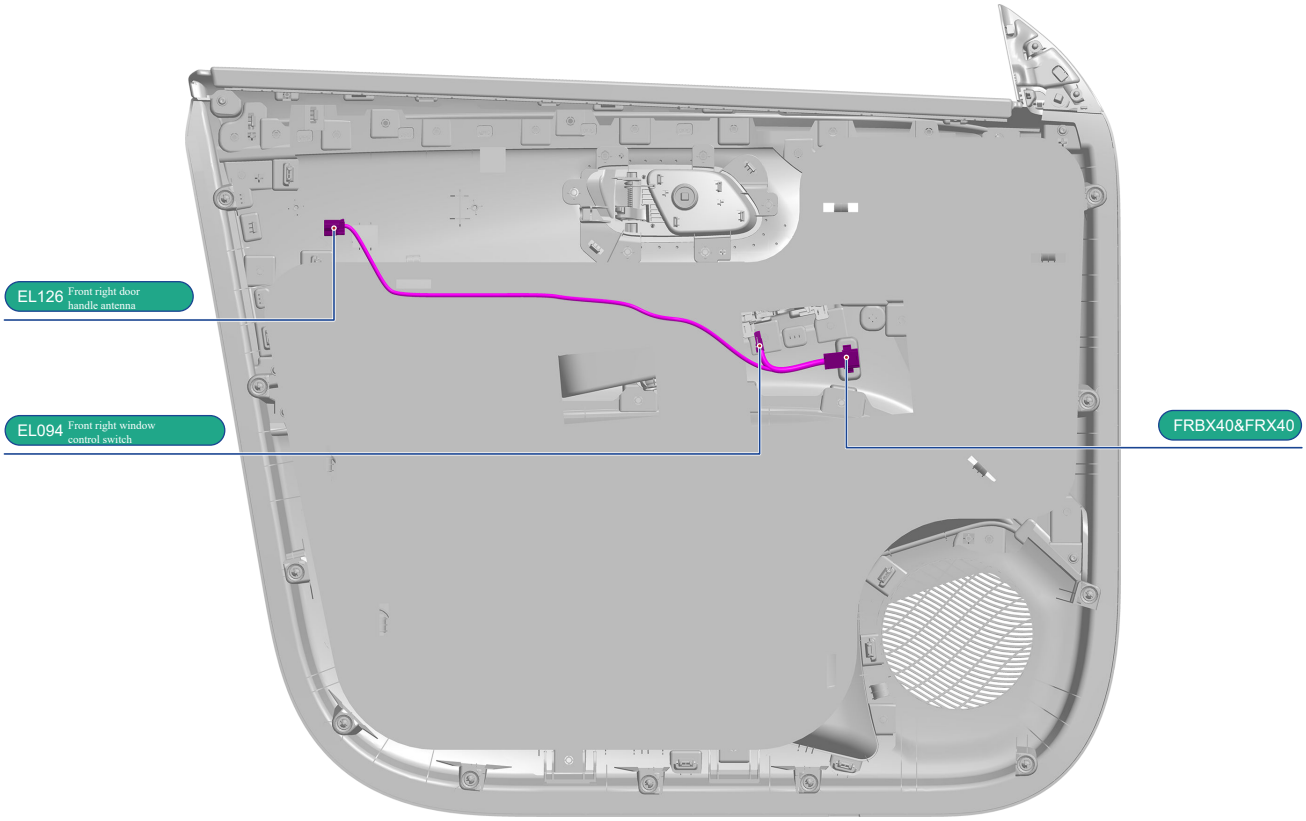


B10ECM060091

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6.11 6.10 RIGHT FRONT DOOR TRIM PANEL WIRING HARNESS

6.11.1 6.10.1 FRONT RIGHT DOOR TRIM PANEL WIRING HARNESS

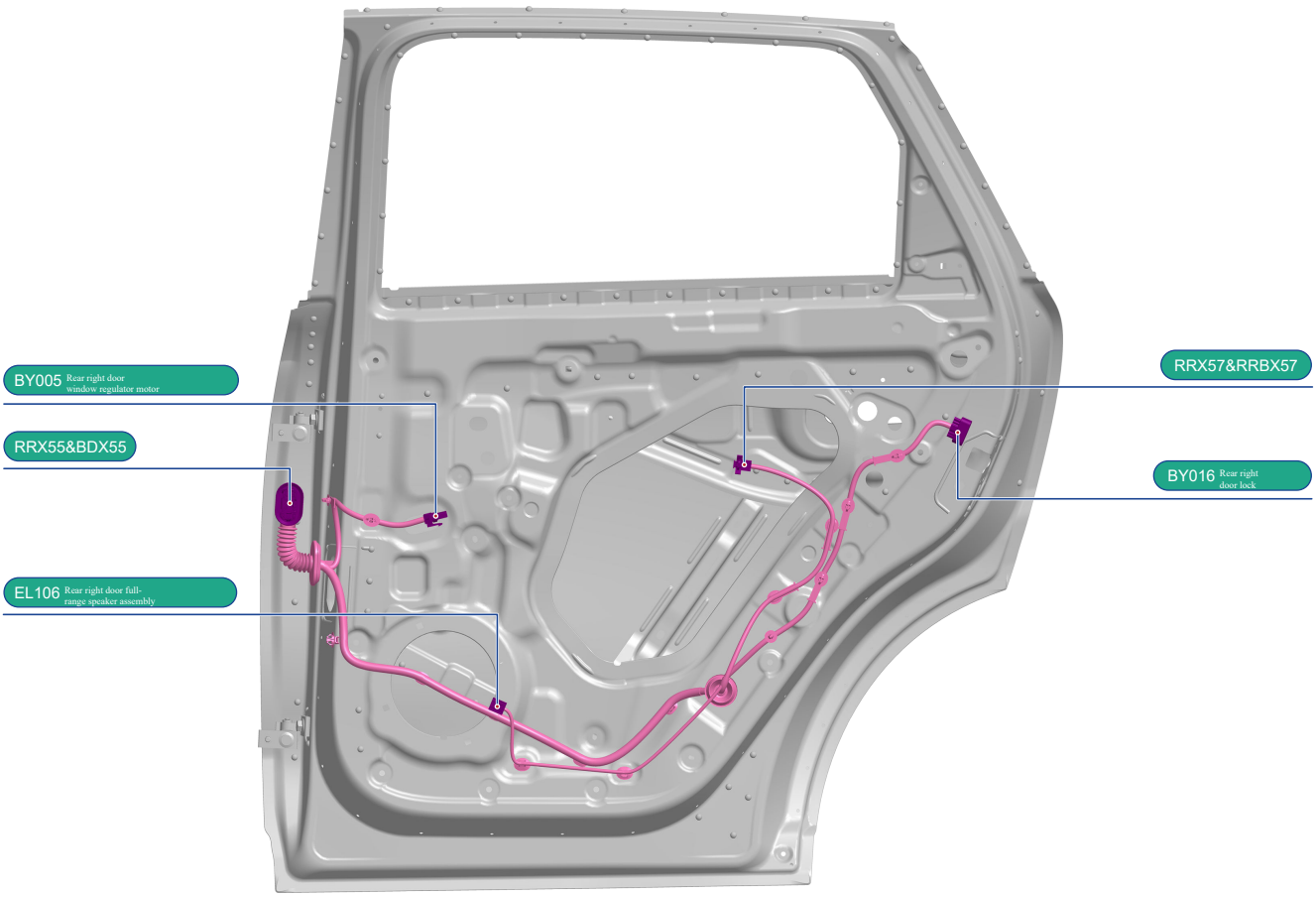


B10ECM060101

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6.12 6.11 REAR RIGHT DOOR WIRING HARNESS

6.12.1 6.11.1 REAR RIGHT DOOR WIRING HARNESS

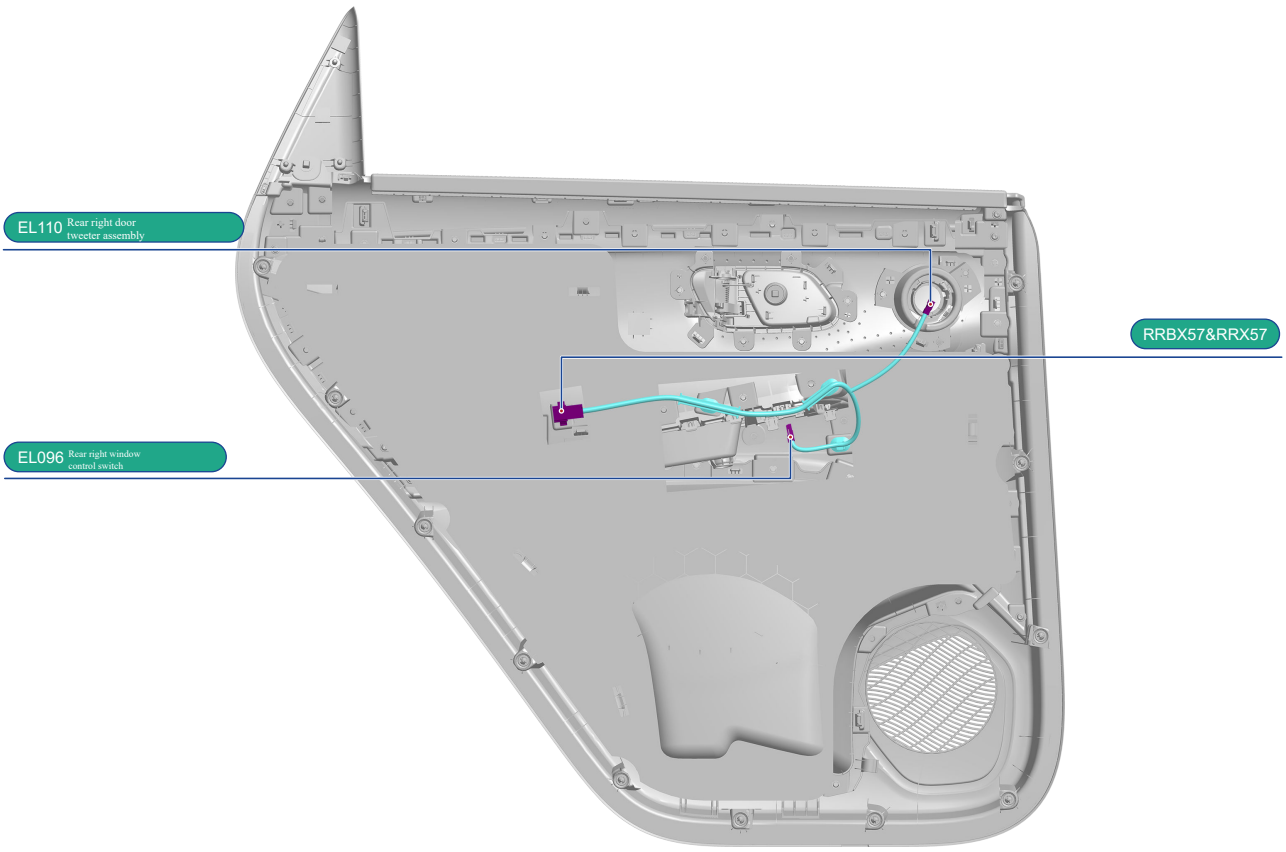


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6.13 6.12 REAR RIGHT DOOR TRIM PANEL WIRING HARNESS

6.13.1 6.12.1 REAR RIGHT DOOR TRIM PANEL WIRING HARNESS

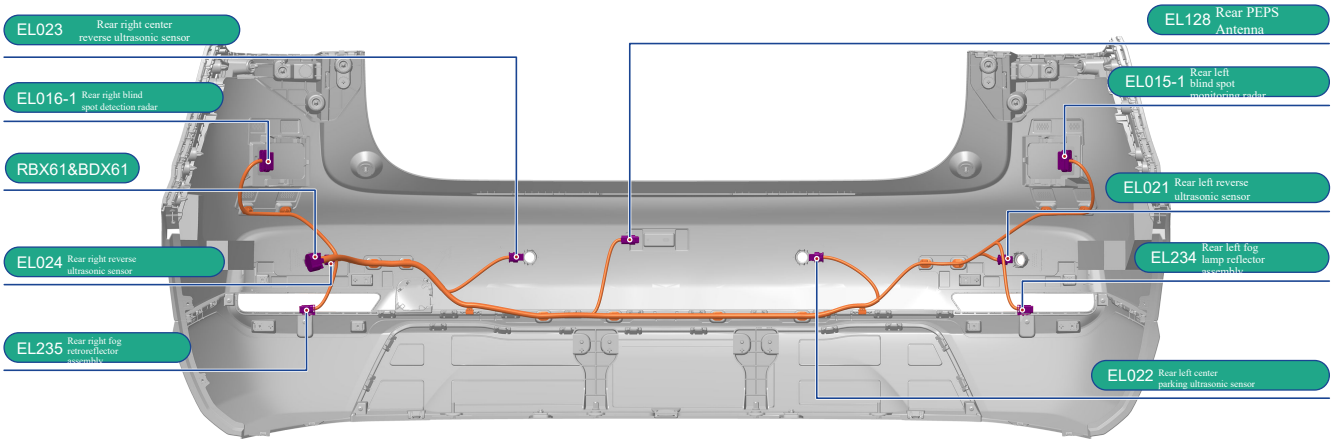


B10ECM060121

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6.14 6.13 REAR BUMPER WIRING HARNESS

6.14.1 6.13.1 REAR BUMPER WIRING HARNESS

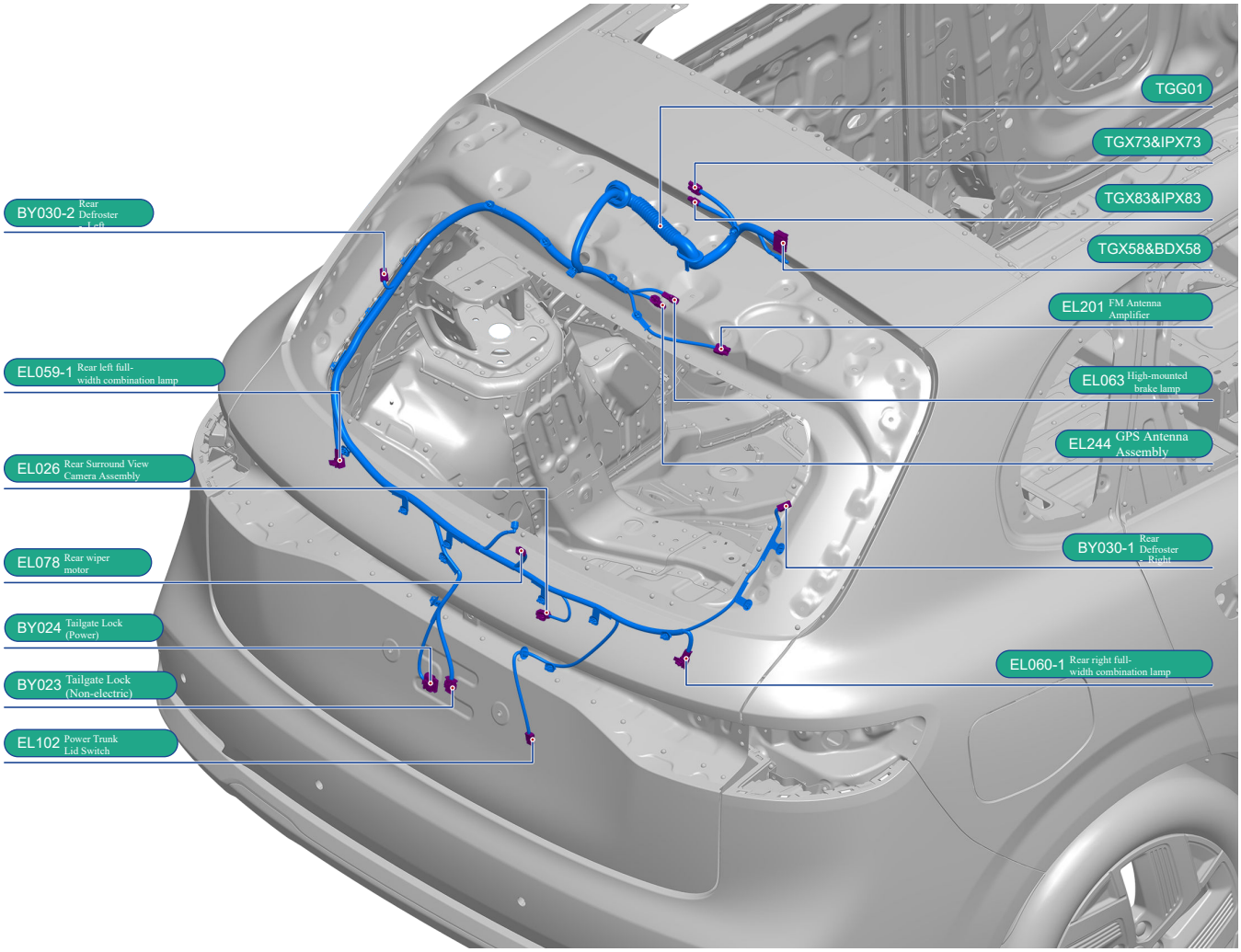


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6.15 6.14 LIFTGATE WIRING HARNESS

6.15.1 6.14.1 LIFTGATE WIRE HARNESS

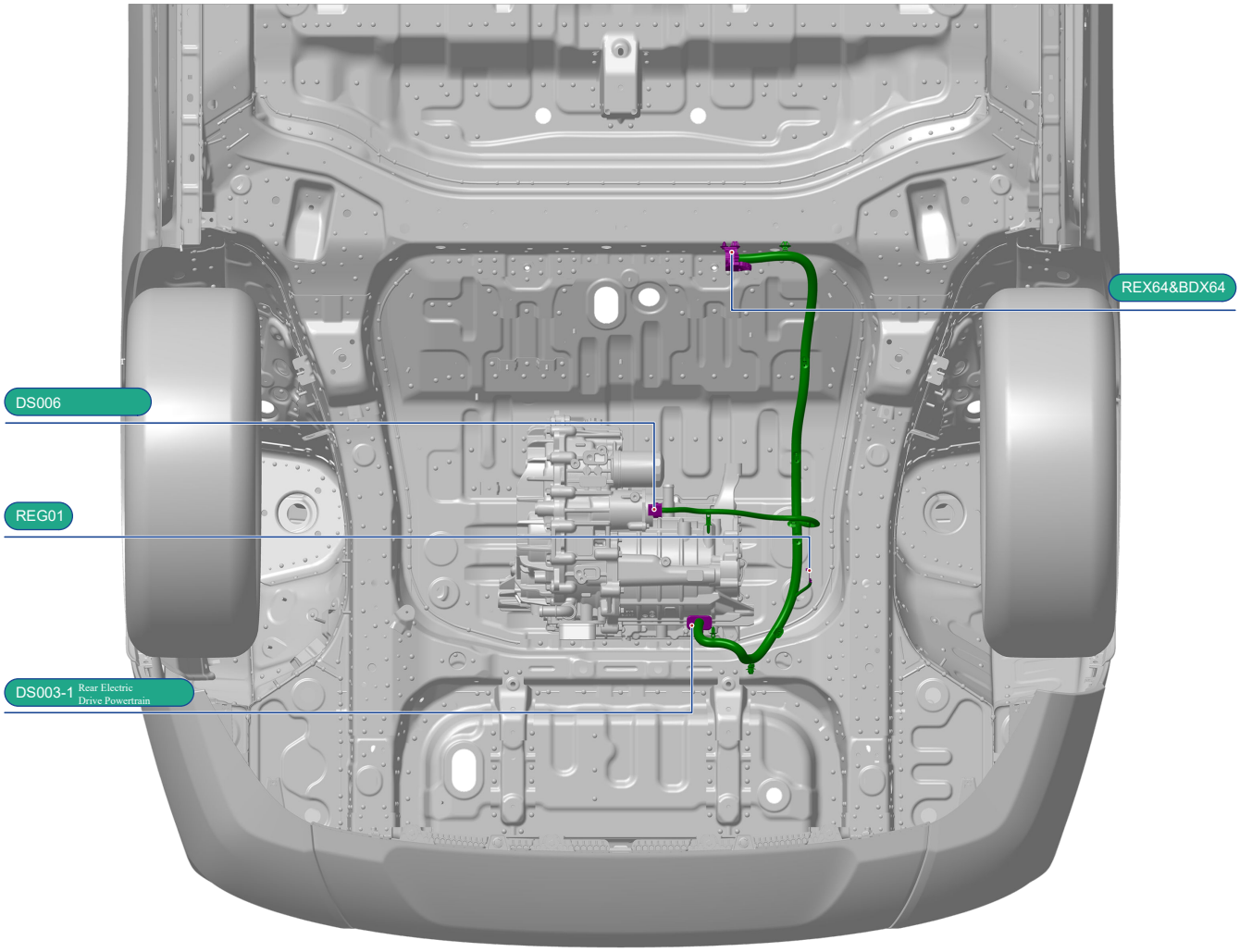


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6.16 6.15 REAR SUBFRAME WIRING HARNESS

6.16.1 6.15.1 REAR SUBFRAME WIRING HARNESS

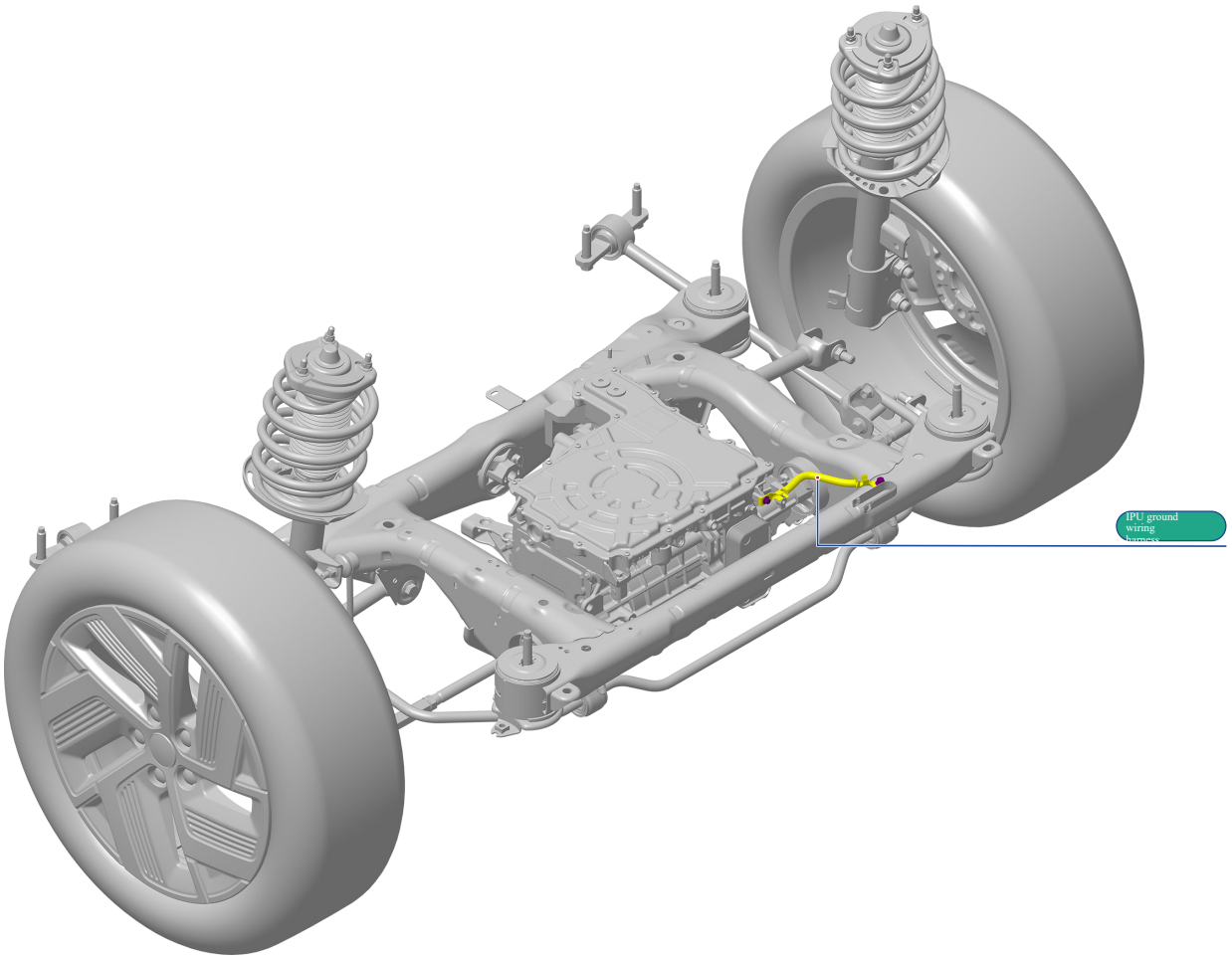


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6.17 6.16 GROUND WIRE HARNESS

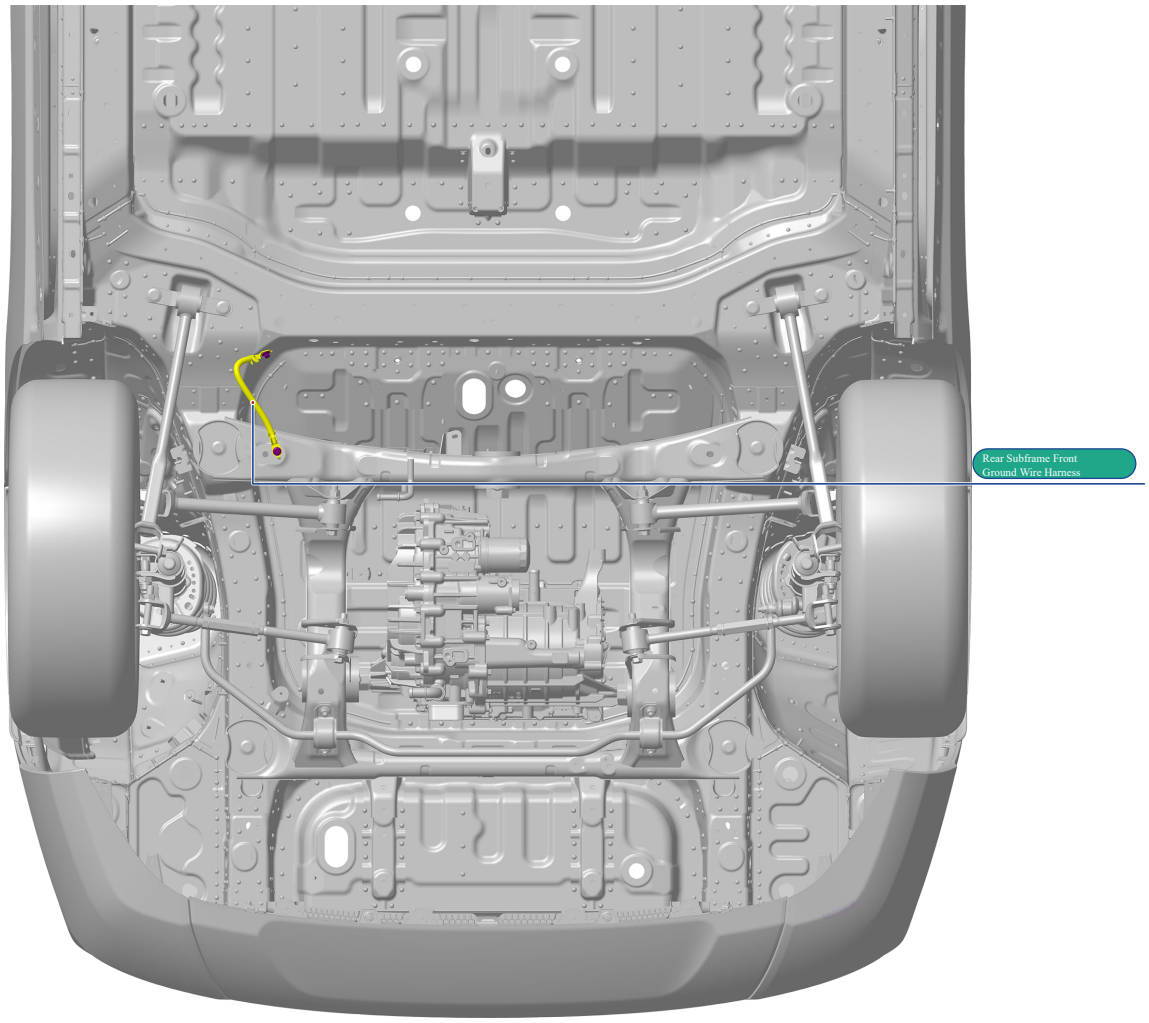
6.17.1 6.16.1 IPU GROUND WIRING HARNESS



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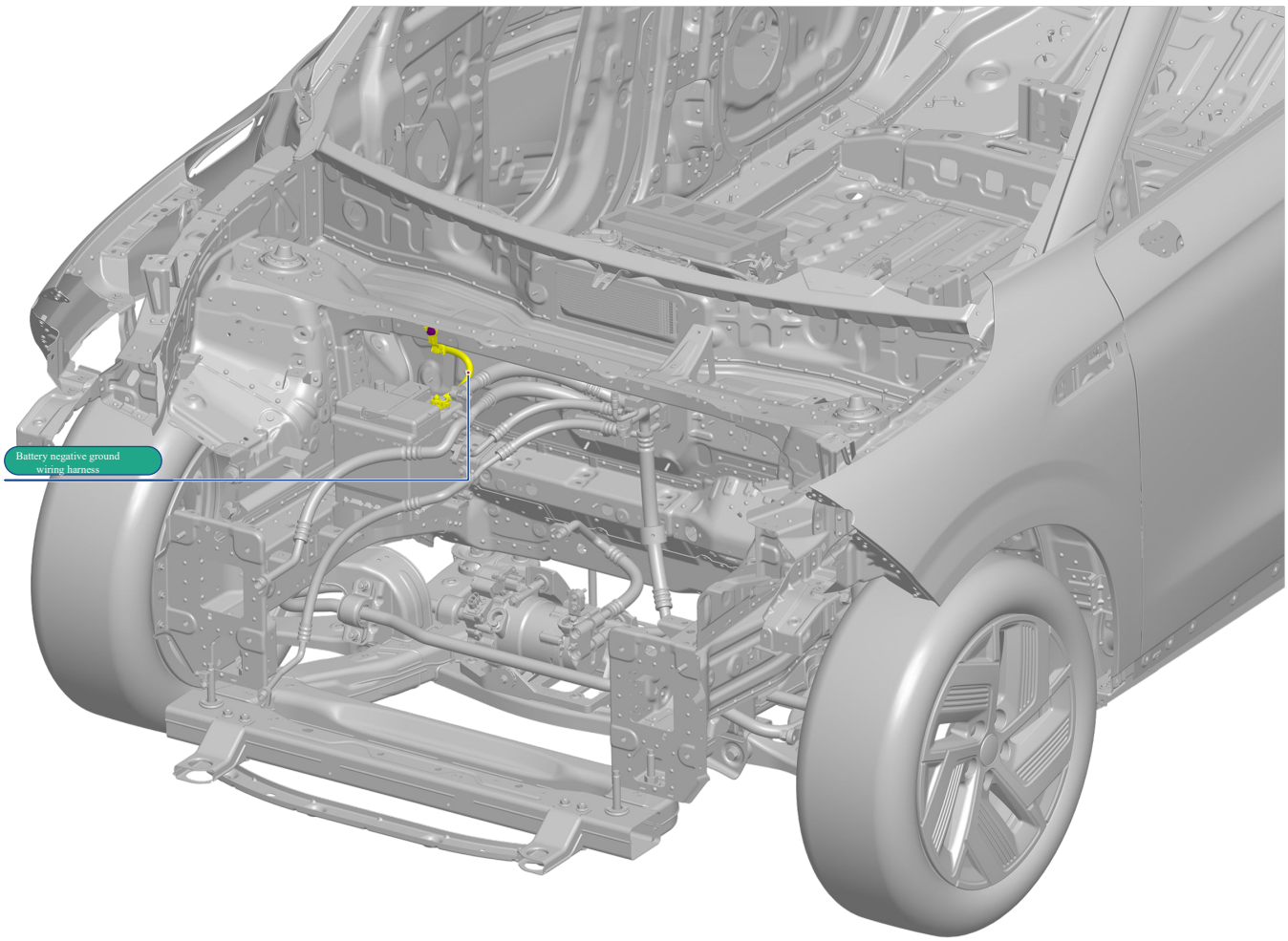
6.17.2 6.16.2 REAR SUBFRAME FRONT GROUND WIRING HARNESS



B10ECM060162

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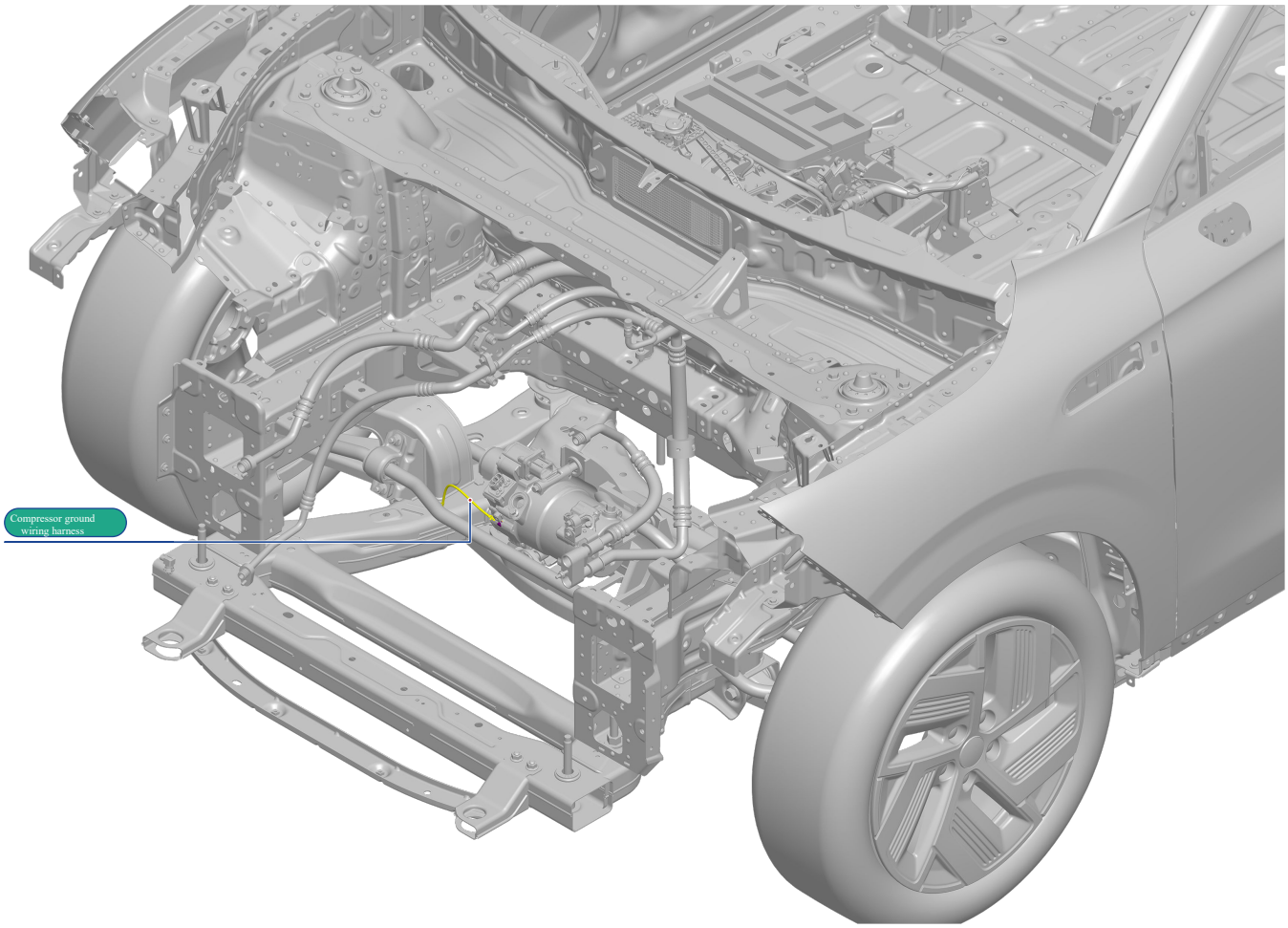
6.17.3 6.16.3 BATTERY NEGATIVE TERMINAL GROUND WIRE HARNESS



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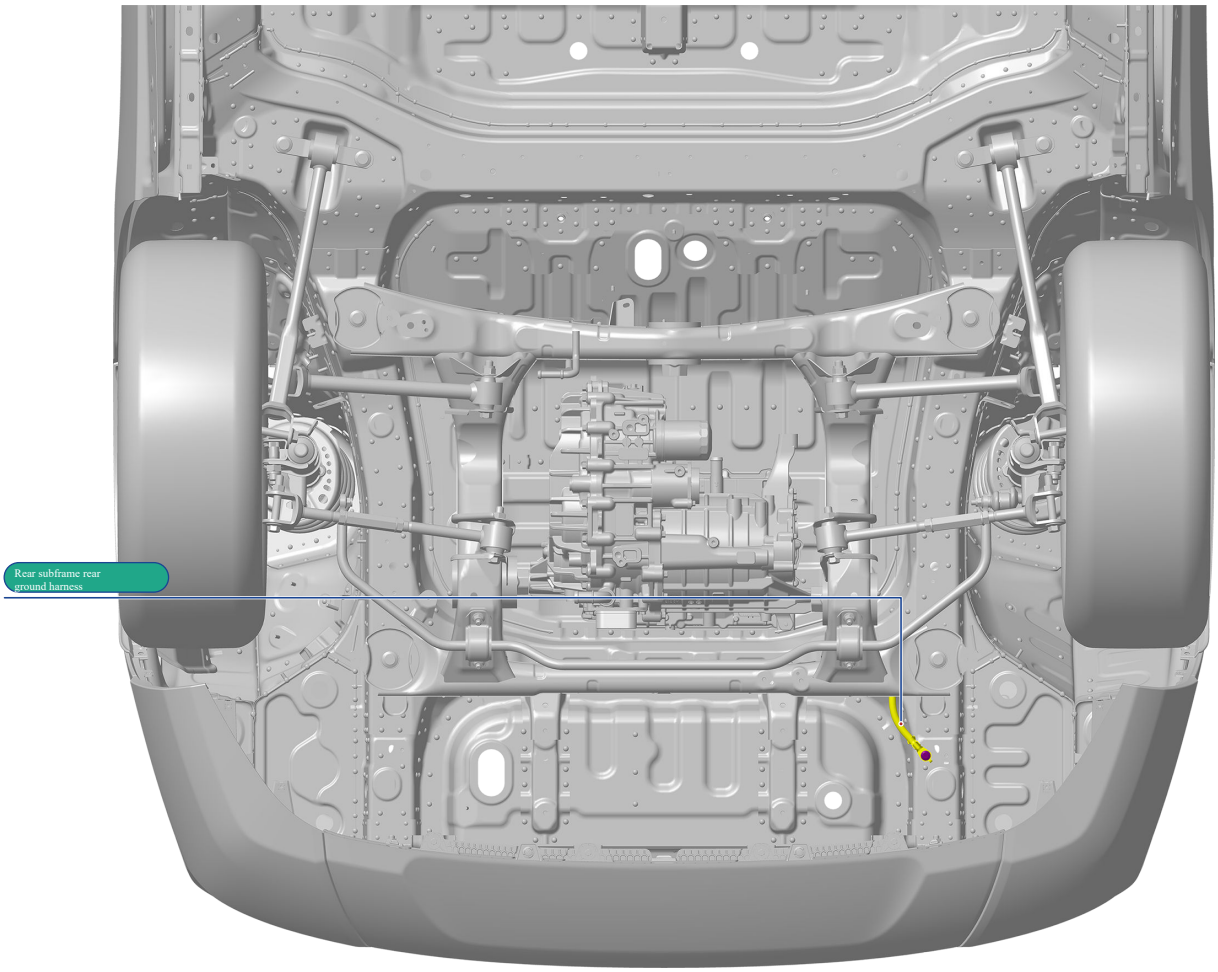
6.17.4 6.16.4 COMPRESSOR GROUND WIRING HARNESS



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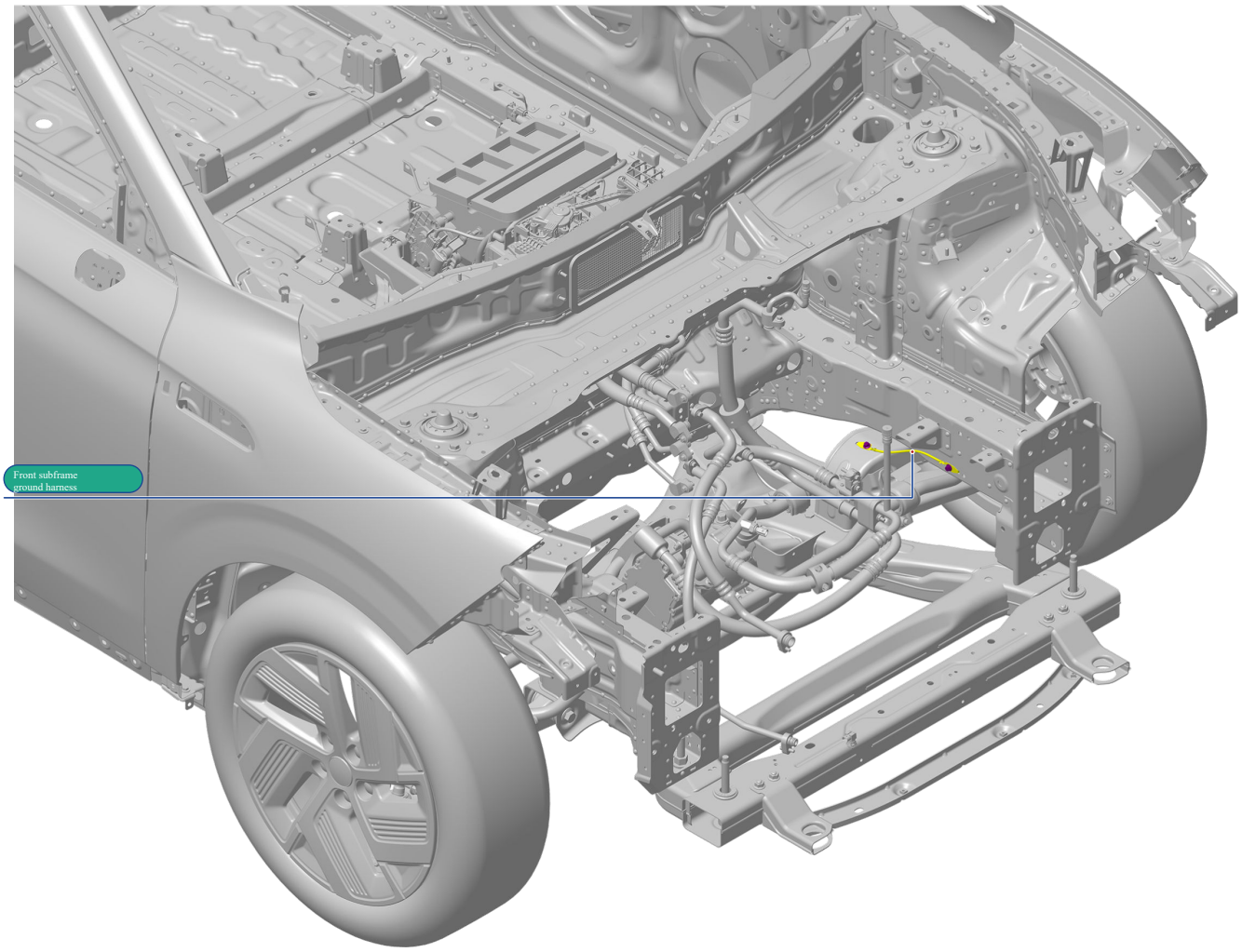
6.17.5 6.16.5 REAR SUBFRAME REAR GROUND WIRE HARNESS



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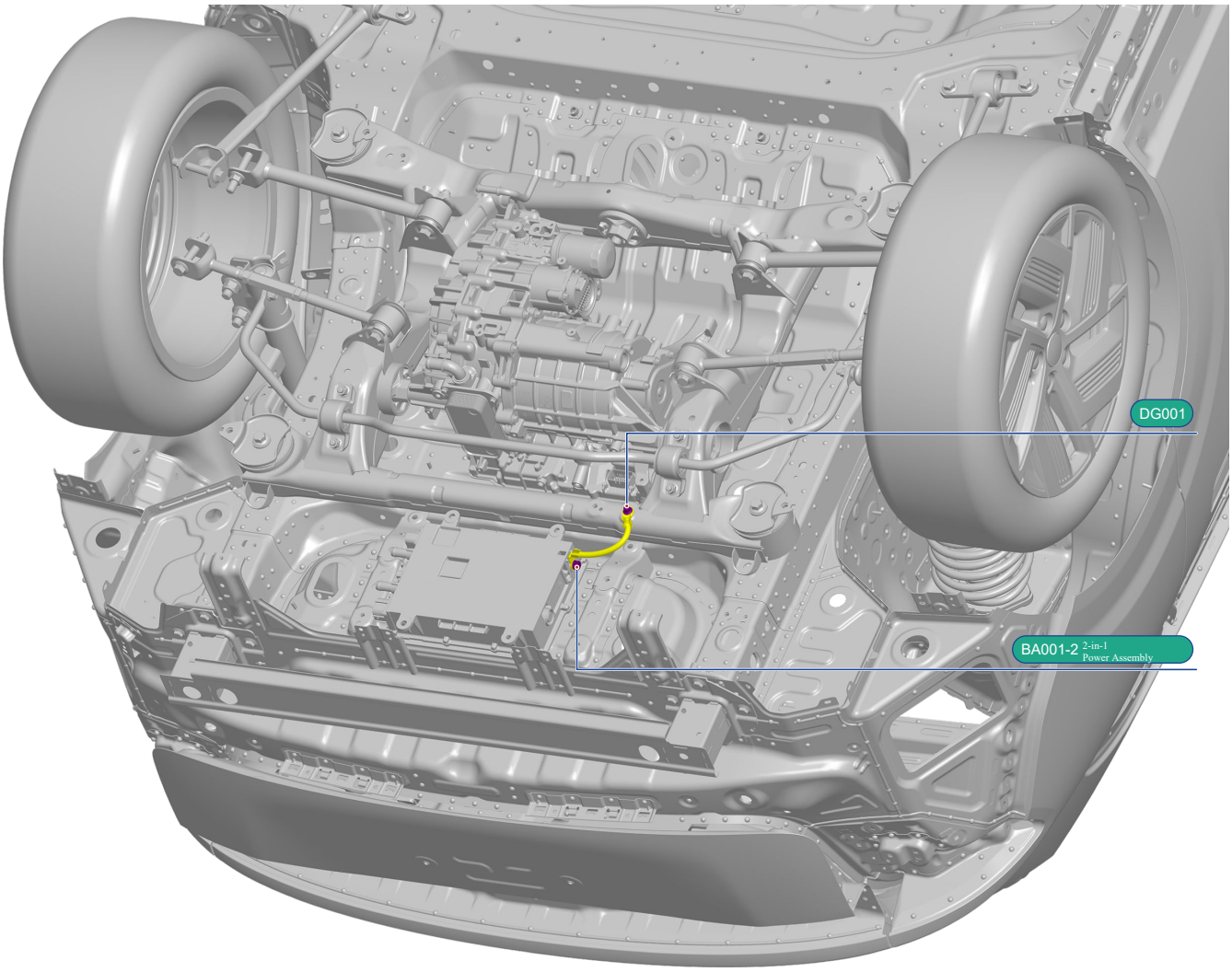
6.17.6 6.16.6 FRONT SUBFRAME GROUND WIRING HARNESS



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6.17.7 6.16.7 DCDC NEGATIVE GROUND WIRING HARNESS

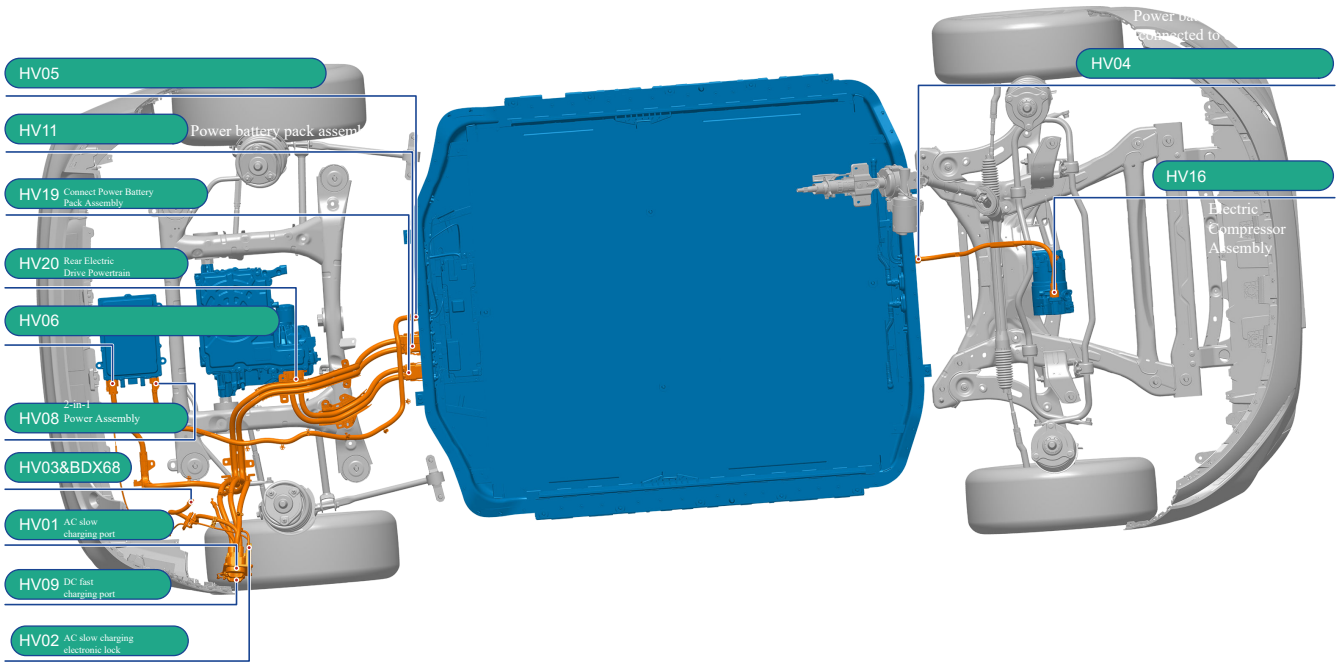


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6.18 6.17 HIGH VOLTAGE WIRING HARNESS

6.18.1 6.17.1 HIGH VOLTAGE WIRING HARNESS



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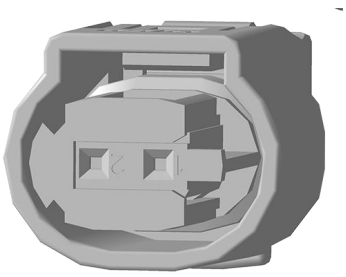
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7 7. CONNECTOR TERMINAL DEFINITION

7.1 7.1 ENGINE COMPARTMENT WIRING HARNESS

7.1.1 CH001 FRONT LEFT INTELLIGENT WHEEL SPEED SENSOR

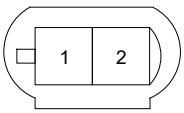
CH001 FRONT LEFT INTELLIGENT WHEEL SPEED SENSOR - 3D DRAWING



Connector Name	Left Front Intelligent Wheel Speed Sensor
Connector Number	CH001
Connector model	1-967644-1(TE)

CH001 LEFT FRONT INTELLIGENT WHEEL SPEED SENSOR - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Signal	
2	0.35Y	Power Positive	

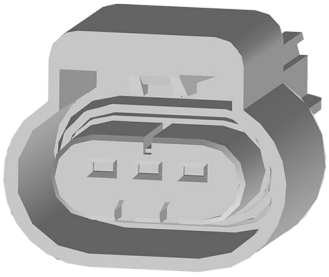
CH001 FRONT LEFT INTELLIGENT WHEEL SPEED SENSOR - ADDRESS PROPERTIES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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7.1.2 BY001 HOOD LOCK

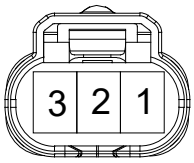
BY001 FRONT HOOD LOCK - 3D DRAWING



Connector Name	Hood latch
Connector Number	BY001
Connector model	15326808(DELPHI)

BY001 HOOD LATCH - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35V	Off signal	
2	-	-	
3	0.35B	Grounding	

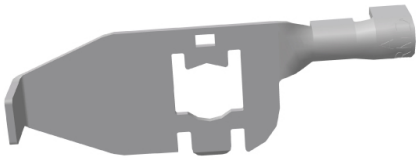
BY001 HOOD LATCH - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.24 Door Lock System Wiring Diagram (page 150)

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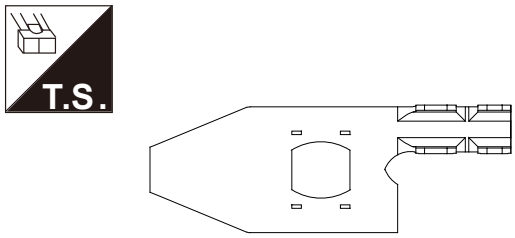
7.1.3 EBG01

EBG01-3D VIEW



Connector Name	Ground
Connector Number	EBG01
Connector model	DJ481A(ZJZ)

EBG01 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Front left combination lamp EL045-2	

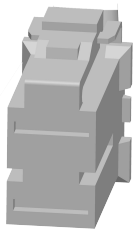
EBG01-ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.13 Headlamp system circuit diagram (page 139)
Location Diagram	EBG01 (page 81)

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7.1.4 CH020-1 INTEGRATED MOTOR CONTROLLER

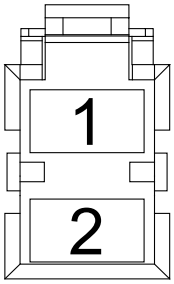
CH020-1 INTEGRATED MOTOR CONTROLLER - 3D VIEW



Connector Name	Integrated Motor Controller
Connector Number	CH020-1
Connector model	7123-4123-30(YAZAKI)

CH020-1 INTEGRATED MOTOR CONTROLLER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	8.0R	Power Positive	
2	8.0B	Power-	

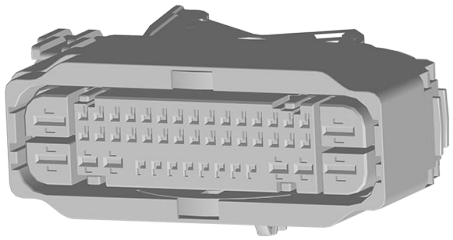
CH020-1 INTEGRATED MOTOR CONTROLLER - ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.5 Electric Power Steering System Wiring Diagram (page 131)

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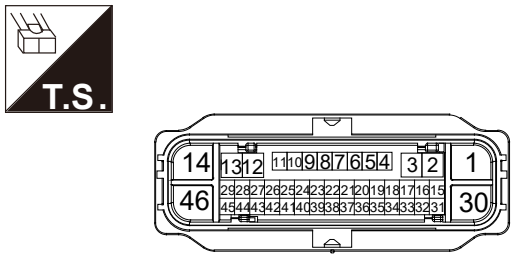
7.1.5 CH024 INTELLIGENT INTEGRATED BRAKING SYSTEM ASSEMBLY

CH024 INTEGRATED BRAKE SYSTEM ASSEMBLY - 3D DRAWING



Connector Name	Intelligent Integrated Braking System Assembly
Connector Number	CH024
Connector model	9-2209520-9(TE)

CH024 SMART INTEGRATED BRAKING SYSTEM ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	6.0B	Ground 1	
2	2.5R/L	Left EPB motor Park +/Release -	
3	2.5R/G	Left EPB motor release +/park -	
4	0.35Y	Left Front Wheel Speed Power Supply	
5	0.35W/Y	Left front wheel speed signal	
6	-	-	
7	-	-	
8	-	-	
9	0.35O/B	ON3 power supply	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35W	Right front wheel speed power supply	
11	0.35Y/W	Right front wheel speed signal	
12	2.5R/W	Right EPB Motor Park+/Release-	
13	2.5R/Y	Right EPB motor release+/park-	
14	6.0R/Y	Power supply 1	
15	0.35Lg/R	Left Rear Wheel Speed Power Supply	
16	0.35W/G	Left rear wheel speed signal	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
25	-	-	
26	-	-	
27	-	-	
28	0.35Br/W	Rear right wheel speed power	
29	0.35O	Rear right wheel speed signal	
30	6.0B	Grounding 2	
31	0.35R/W	Brake fluid level sensor power supply	
32	-	-	
33	0.35R	COM-CAN-H	
34	0.35L	COM-CAN-L	
35	-	-	
36	-	-	
37	-	-	
38	-	-	
39	0.35R/B	CCAN-H	
40	0.35L/B	CCAN-L	
41	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
42	-	-	
43	0.35B/Y	Brake fluid level sensor ground	
44	-	-	
45	0.35Br	Brake fluid level sensor signal	
46	6.0R/W	Power 2	

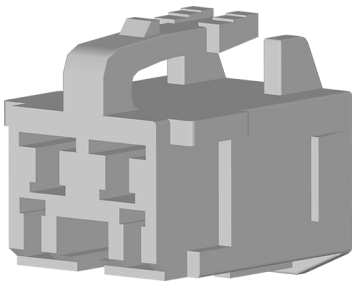
CH024 INTELLIGENT INTEGRATED BRAKE SYSTEM ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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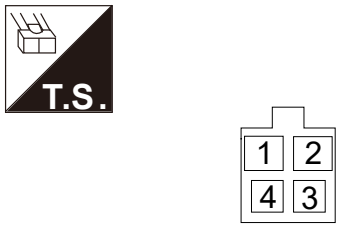
7.1.6 CH008 BRAKE LIGHT SWITCH ASSEMBLY

CH008 BRAKE LIGHT SWITCH ASSEMBLY - 3D DRAWING



Connector Name	Stop lamp switch assembly
Connector Number	CH008
Connector model	0438503(THB)

CH008 BRAKE LAMP SWITCH ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5Y/R	Always On 2	
2	0.5R/Br	Always On 1	
3	0.35Y/W	Normally Closed 1	
4	0.35B/Y	Normally Closed 2	

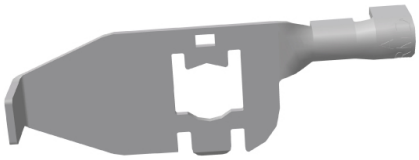
CH008 BRAKE LIGHT SWITCH ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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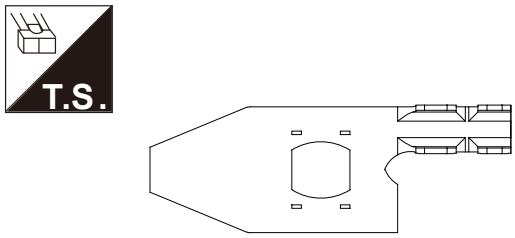
7.1.7 EBG03

EBG03-3D DRAWING



Connector Name	Ground
Connector Number	EBG03
Connector model	DJ481A(ZJZ)

EBG03-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B	Front wiper motor and linkage assembly EL079-4	

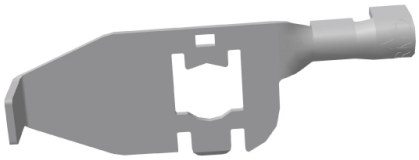
EBG03-ADDRESS ATTRIBUTES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
Location Diagram	EBG03 (page 83)

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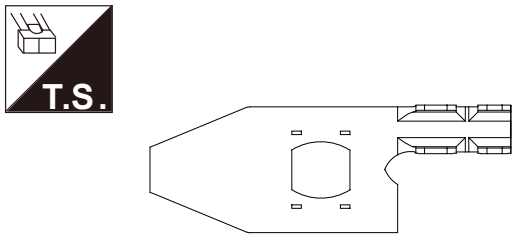
7.1.8 EBG04

EBG04-3D DRAWING



Connector Name	Ground
Connector Number	EBG04
Connector model	DJ481A(ZJZ)

EBG04-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
ZL	6.0B	Intelligent Integrated Brake System Assembly CH024-30	

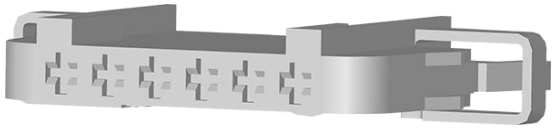
EBG04-ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)
Location Diagram	EBG04 (page 84)

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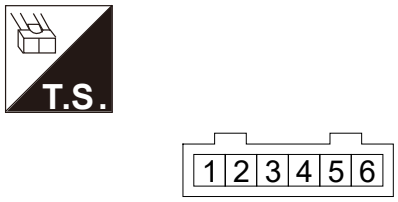
7.1.9 CH009 ELECTRONIC ACCELERATOR PEDAL ASSEMBLY

CH009 ELECTRONIC ACCELERATOR PEDAL ASSEMBLY - 3D DRAWING



Connector Name	Electronic Accelerator Pedal Assembly
Connector Number	CH009
Connector model	1747251-1(TE)

CH009 ELECTRONIC ACCELERATOR PEDAL ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B/Gr	5V power (low voltage)	
2	0.5B/G	5V Power Supply (High Voltage)	
3	0.5B/L	Grounding (High Voltage)	
4	0.5B/V	Signal (High Voltage)	
5	0.5B	Ground (Low Voltage)	
6	0.5B/Br	Signal (Low Voltage)	

CH009 ELECTRONIC ACCELERATOR PEDAL ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)

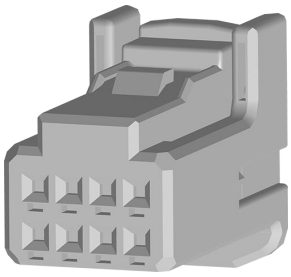
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System	4.8 Rear Motor Control System Wiring Diagram (page 134)

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7.1.10 CH020-2 INTEGRATED MOTOR CONTROLLER

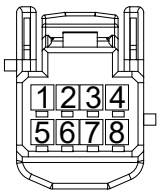
CH020-2 INTEGRATED MOTOR CONTROLLER - 3D VIEW



Connector Name	Integrated Motor Controller
Connector Number	CH020-2
Connector model	1379659-1(TE)

CH020-2 INTEGRATED MOTOR CONTROLLER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	0.35R/B	CCAN-H	
6	0.35L/B	CCAN-L	
7	-	-	
8	0.35W/R	ON3 power supply	

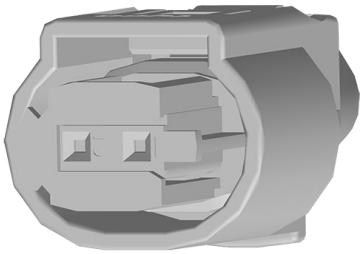
CH020-2 INTEGRATED MOTOR CONTROLLER - ADDRESS ATTRIBUTES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.5 Electric Power Steering System Wiring Diagram (page 131)

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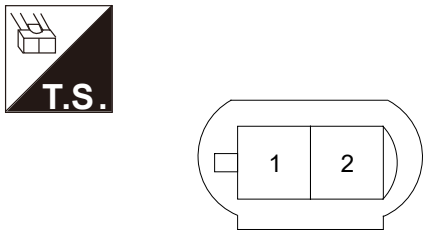
7.1.11 CH002 FRONT RIGHT SMART WHEEL SPEED SENSOR

CH002 RIGHT FRONT SMART WHEEL SPEED SENSOR - 3D DRAWING



Connector Name	Right Front Intelligent Wheel Speed Sensor
Connector Number	CH002
Connector model	1-967644-1(TE)

CH002 RIGHT FRONT INTELLIGENT WHEEL SPEED SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/W	Signal	
2	0.35W	Power Positive	

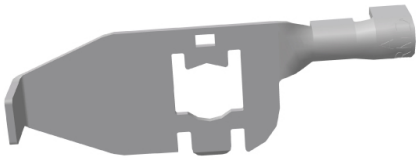
CH002 RIGHT FRONT INTELLIGENT WHEEL SPEED SENSOR - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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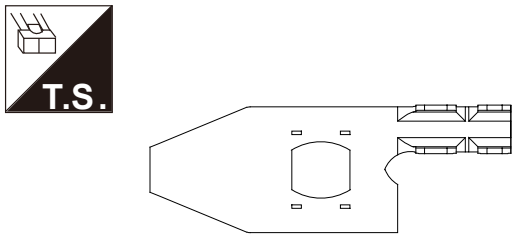
7.1.12 EBG02

EBG02-3D DRAWING



Connector Name	Ground
Connector Number	EBG02
Connector model	HK-DZ101(HK)

EBG02 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	6.0B	Smart Integrated Braking System Assembly CH024-1	

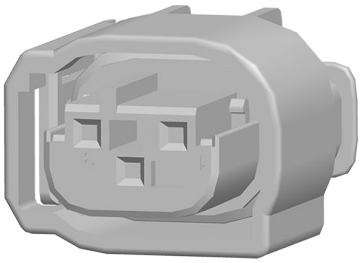
EBG02-ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)
Location Diagram	EBG02 (page 82)

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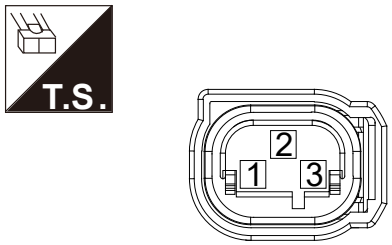
7.1.13 CH010 BRAKE FLUID LEVEL SENSOR

CH010 BRAKE FLUID LEVEL SENSOR - 3D DIAGRAM



Connector Name	Brake fluid level sensor
Connector Number	CH010
Connector model	1-967642-1(TE)

CH010 BRAKE FLUID LEVEL SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Br	Brake fluid level sensor signal	
2	0.35B/Y	Brake fluid level sensor ground	
3	0.35R/W	Brake fluid level sensor power supply	

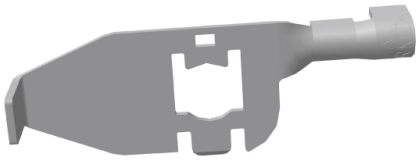
CH010 BRAKE FLUID LEVEL SENSOR - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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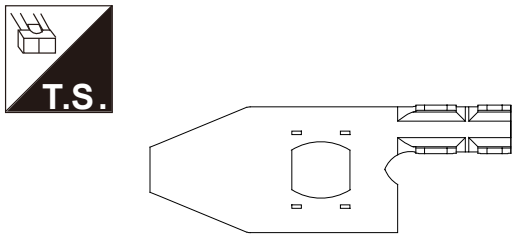
7.1.14 EBG13

EBG13-3D DRAWING



Connector Name	Ground
Connector Number	EBG13
Connector model	DJ481A(ZJZ)

EBG13-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	3.0B	A/C blower EL185-2	

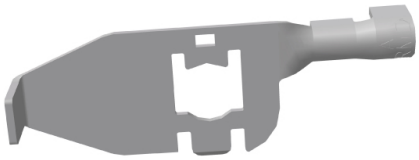
EBG13-ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.15 Interior Lighting System Wiring Diagram (page 141)
Location Diagram	EBG13 (page 92)

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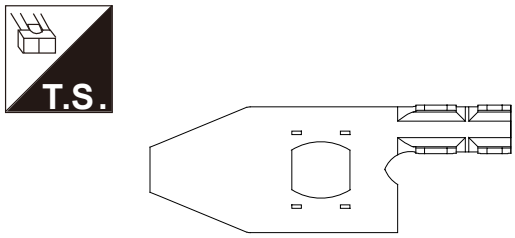
7.1.15 EBG08

EBG08-3D DRAWING



Connector Name	Ground
Connector Number	EBG08
Connector model	DJ481A(ZJZ)

EBG08-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Horn Relay RELY11-86	
1	1.0B	High-tone horn assembly EL038-1	
1	1.0B	Low-tone horn assembly EL039-1	

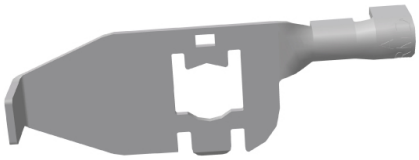
EBG08 - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.20 Horn System Circuit Diagram (page 146)
Location Diagram	EBG08 (page 88)

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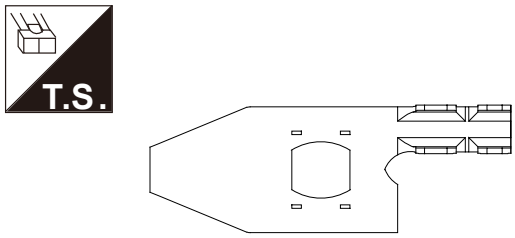
7.1.16 EBG10

EBG10-3D DRAWING



Connector Name	Ground
Connector Number	EBG10
Connector model	DJ481A(ZJZ)

EBG10-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Thermal Management Controller EL135-3	
1	0.5B	Electric Compressor Assembly EL136-1-2	
1	0.5B	Super Integrated Module TMS05-20	

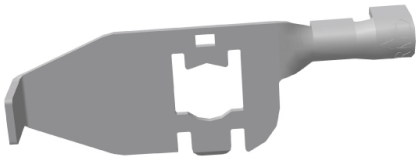
EBG10-ADDRESS PROPERTY

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)
Location Diagram	EBG10 (page 90)

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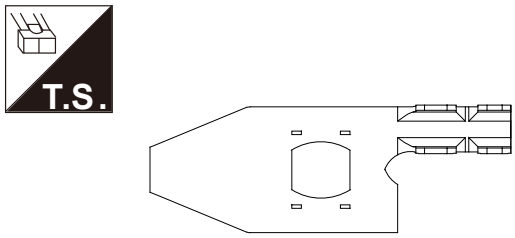
7.1.17 EBG07

EBG07-3D DRAWING



Connector Name	Ground
Connector Number	EBG07
Connector model	DJ481A(ZJZ)

EBG07-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	4.0B	Electric Fan Assembly EL160-4	

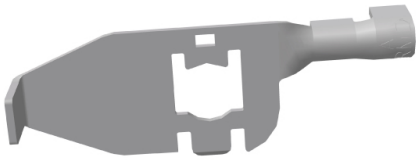
EBG07-ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)
Location Diagram	EBG07 (page 87)

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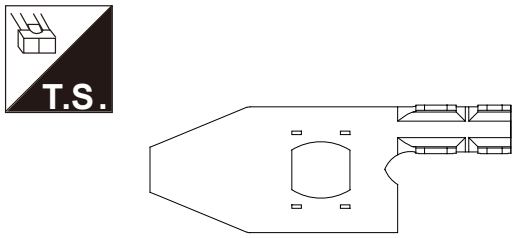
7.1.18 EBG11

EBG11-3D DRAWING



Connector Name	Ground
Connector Number	EBG11
Connector model	030708(Fengdi)

EBG11-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	8.0B	Integrated motor controller CH020-1-2	

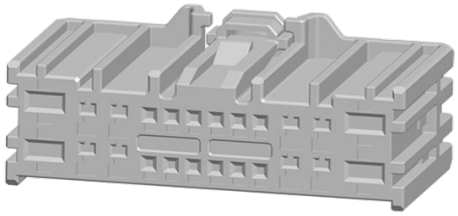
EBG11-ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.5 Electric Power Steering System Wiring Diagram (page 131)
Location Diagram	EBG11 (page 91)

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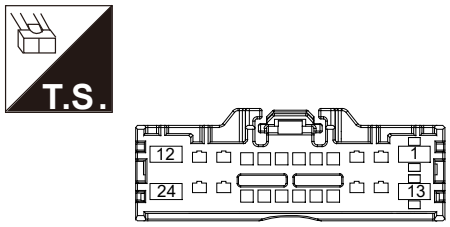
7.1.19 EBX12&BDX12

EBX12&BDX12-3D VIEW



Connector Name	EBX12&BDX12
Connector Number	EBX12
Connector model	393224024AAW(HL)

EBX12&BDX12-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	0.35G	ON2-B Relay Control	
3	1.5W/R	Rear Motor Oil Pump Power	
4	-	-	
5	0.35R/W	Alcolock controller power	
6	-	-	
7	0.35W	ON1-B Output	
8	-	-	
9	-	-	
10	0.5R/Y	Battery pack power supply 1	

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Terminal number	Wire Gauge and Color	Function	Note
11	0.5R/B	Battery pack power supply 2	
12	-	-	
13	-	-	
14	0.35W/G	ON3 Relay Control	
15	0.35Y/R	ON2-C Relay Control	
16	-	-	
17	-	-	
18	0.35R	COM-CAN-H	
19	0.35L	COM-CAN-L	
20	-	-	
21	-	-	
22	0.35W/B	BSD radar relay control	
23	-	-	
24	1.5Br	Rear defroster relay control	

EBX12&BDX12-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)

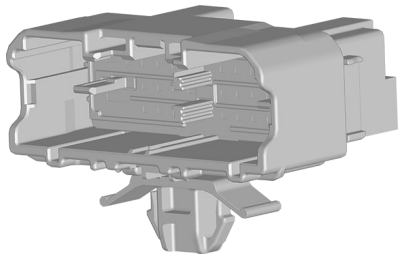
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	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)
	4.13 Headlamp system circuit diagram (page 139)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	EBX12&BDX12 (page 830)

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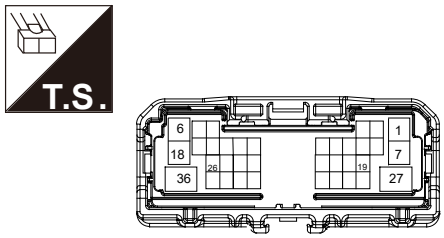
7.1.20 EBX06&IPX06

EBX06&IPX06-3D DRAWING



Connector Name	EBX06&IPX06
Connector Number	EBX06
Connector model	6098-9094(SUM)

EBX06 & IPX06 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	0.35Y	Horn output	
5	-	-	
6	0.75P	ON3 power supply	
7	-	-	
8	-	-	
9	-	-	
10	0.35R/Y	CAN7-H	
11	0.35L/Y	CAN7-L	

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Terminal number	Wire Gauge and Color	Function	Note
12	0.35Y/W	ON2B feedback	
13	0.5G/W	Front wiper stop switch	
14	0.35V	Front hood closing input 1 (digital)	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	
27	2.0R/Y	ON2C Power	
28	-	-	
29	-	-	
30	0.35R/B	CCAN-H	

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Terminal number	Wire Gauge and Color	Function	Note
31	0.35L/B	CCAN-L	
32	0.35R	COM-CAN-H	
33	0.35L	COM-CAN-L	
34	0.35R/Y	BCAN-H	
35	0.35L/Y	BCAN-L	
36	-	-	

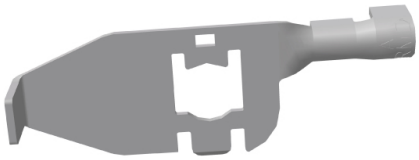
EBX06&IPX06-ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.20 Horn System Circuit Diagram (page 146)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	EBX06&IPX06 (page 819)

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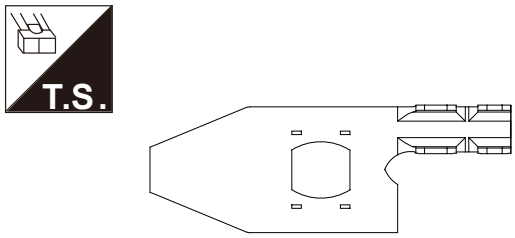
7.1.21 EBG09

EBG09-3D DRAWING



Connector Name	Ground
Connector Number	EBG09
Connector model	DJ481A(ZJZ)

EBG09-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Super Integrated Module TMS05-21	
1	1.0B	Super Integrated Module TMS05-26	
1	0.5B	Super Int. Module TMS05-22	

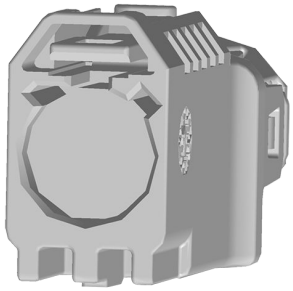
EBG09-ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
Location Diagram	EBG09 (page 89)

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7.1.22 EBX02&FBX02

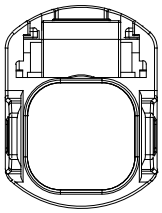
EBX02&FBX02-3D DRAWING



Connector Name	EBX02&FBX02
Connector Number	EBX02
Connector model	2307207-1 TYPE A Black Waterproof Female Connector (TE)

EBX02&FBX02-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	

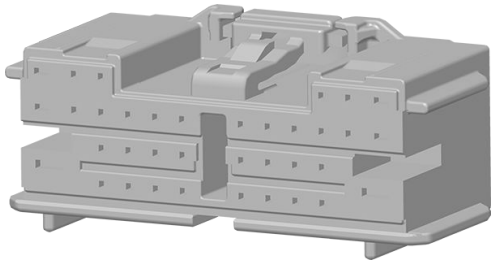
EBX02&FBX02-ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX02&FBX02 (page 821)

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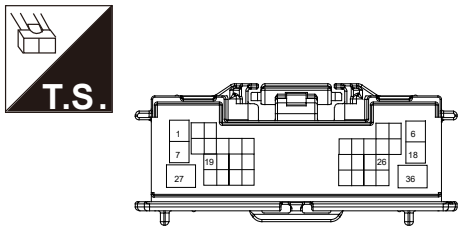
7.1.23 EBX11&BDX11

EBX11&BDX11-3D DRAWING



Connector Name	EBX11&BDX11
Connector Number	EBX11
Connector model	6098-9092(SUM)

EBX11&BDX11-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75R/B	Front Wash Output+	
2	0.5B/V	Accelerator pedal high signal	
3	0.5B/L	Accelerator pedal height	
4	0.5B/Br	Accelerator Pedal Low Signal	
5	0.5B	Accelerator pedal low ground	
6	1.5Gr	Front wiper low speed output	
7	0.75G/W	Front washer output-	

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Terminal number	Wire Gauge and Color	Function	Note
8	-	-	
9	0.35Lg/R	Left Rear Wheel Speed Power Supply	
10	0.35W/G	Left rear wheel speed signal	
11	-	-	
12	-	-	
13	-	-	
14	0.5B/G	Accelerator pedal high-level 5V supply	
15	0.5B/Gr	Accelerator pedal low 5V supply	
16	-	-	
17	0.35R/Br	Rear Blind Spot Detection Radar Power Supply	
18	2.0L	Front wiper high speed output	
19	-	-	
20	0.5Y/R	Brake switch (normally open)	

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Terminal number	Wire Gauge and Color	Function	Note
21	-	-	
22	-	-	
23	0.35R/B	CCAN-H	
24	0.35L/B	CCAN-L	
25	0.35B/Y	Brake switch (normally closed)	
26	-	-	
27	2.5R/L	Left EPB motor Park +/Release -	
28	-	-	
29	-	-	
30	-	-	
31	-	-	
32	-	-	
33	-	-	
34	-	-	
35	-	-	
36	2.5R/G	Left EPB motor release +/park -	

EBX11 & BDX11 - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)

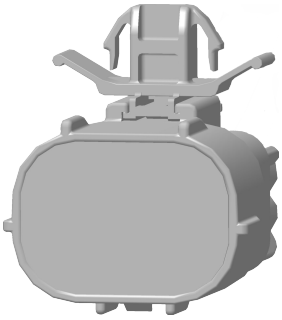
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	4.6 Electronic Stability Control System Wiring Diagram (page 132)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	EBX11&BDX11 (page 820)

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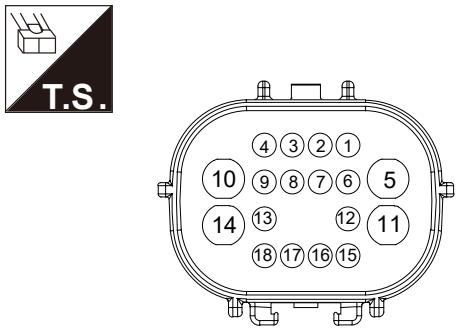
7.1.24 EBX01&FBX01

EBX01&FBX01 - 3D DRAWING



Connector Name	EBX01&FBX01
Connector Number	EBX01
Connector model	6188-5910(SUM)

EBX01&FBX01-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	Grille power supply	
2	0.35O	Grille communication line	
3	-	-	
4	-	-	
5	-	-	
6	0.35Y/B	CAN2-H	
7	0.35Y/L	CAN2-L	
8	0.35Y/B	CAN2-H	
9	0.35Y/L	CAN2-L	
10	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	0.35R/Br	Forward collision avoidance radar and front blind spot monitoring radar power supply	
13	0.35B	Forward collision avoidance radar / Front blind spot monitoring radar / Front grille ground	
14	-	-	
15	-	-	
16	-	-	
17	0.35R/Y	CAN7-H	
18	0.35L/Y	CAN7-L	

EBX01&FBX01-ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)

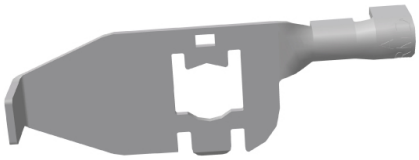
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	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	EBX01&FBX01 (page 824)

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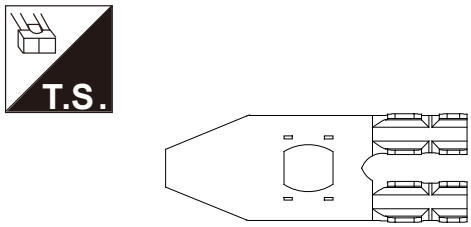
7.1.25 EBG06

EBG06 - 3D DRAWING



Connector Name	Ground
Connector Number	EBG06
Connector model	DJ471A(ZJZ)

EBG06-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Front right combination lamp EL046-2	
1	0.5B/W	Front right combination lamp EL046-5	
1	0.35B	Hood latch BY001-3	
1	0.35B	Forward Collision Avoidance Radar EL008-1	
1	0.35B	Front Left Blind Spot Detection Radar EL013-5	

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Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Left Front Blind Spot Detection Radar EL013-1	
1	0.35B	Right front blind spot detection radar EL014-5	
1	0.35B	Right front blind spot detection radar EL014-1	
1	0.35B	Right Front Blind Spot Detection Radar EL014-2	
1	0.35B	Active Grille EL036-4	

EBG06-ADDRESS PROPERTIES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.24 Door Lock System Wiring Diagram (page 150)

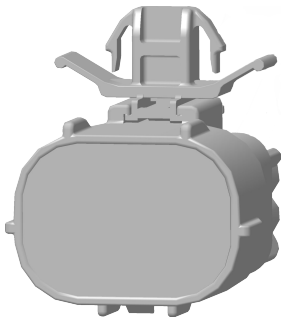
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	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	EBG06 (page 85)

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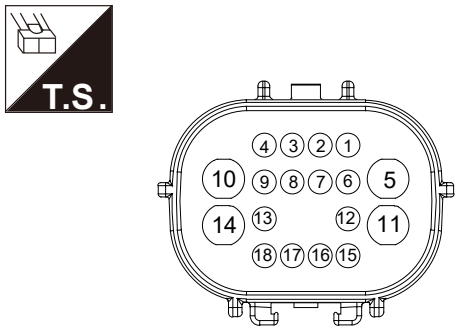
7.1.26 EBX07&IPX07

EBX07&IPX07-3D DRAWING



Connector Name	EBX07&IPX07
Connector Number	EBX07
Connector model	6188-5910(SUM)

EBX07&IPX07-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/L	CCM high-voltage interlock signal output	
2	0.35G/L	CCM High Voltage Interlock Signal Input	
3	0.35Y/B	CAN2-H	
4	0.35Y/L	CAN2-L	
5	-	-	
6	-	-	
7	-	-	
8	0.35W/Br	Driver face temperature	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35R/L	Filter assembly power supply	
10	-	-	
11	0.5Y/R	Brake Switch (Normally Open) (Wake-up)	
12	0.35B/Y	Brake switch (Normally closed)	
13	0.35B/W	Sensor ground	
14	-	-	
15	0.35R/Y	BCAN-H	
16	0.35L/Y	BCAN-L	
17	0.35Y/B	CAN2-H	
18	0.35Y/L	CAN2-L	

EBX07&IPX07-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.39 Electric A/C vent circuit diagram (page 165)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX07&IPX07 (page 825)

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7.1.27 EL040 DRIVING WARNING HORN ASSEMBLY

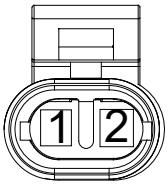
EL040 DRIVING WARNING HORN ASSEMBLY - 3D DRAWING



Connector Name	Driving warning horn assembly
Connector Number	EL040
Connector model	PP0450305(THB)

EL040 DRIVING WARNING HORN ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y	Pedestrian warning speaker	
2	0.35L	Pedestrian warning speaker	

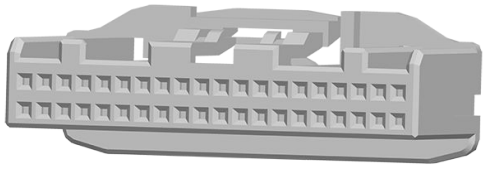
EL040 TRAVEL WARNING HORN ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.24 Door Lock System Wiring Diagram (page 150)

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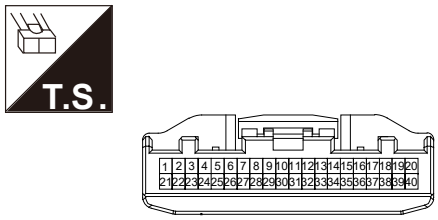
7.1.28 EL135 THERMAL MANAGEMENT CONTROLLER

EL135 THERMAL MANAGEMENT CONTROLLER - 3D DRAWING



Connector Name	Thermal Management Controller
Connector Number	EL135
Connector model	2325415-1(TE)

EL135 THERMAL MANAGEMENT CONTROLLER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5R/Gr	Power supply 1	
2	-	-	
3	0.5B	Grounding	
4	-	-	
5	0.35Y/W	Low-side drive shut-off valve 2	
6	0.35Y	Low-side drive shut-off valve 1	
7	0.35L/R	Rear defrost request signal (active low)	
8	0.35O/B	Low-side drive shut-off valve 3	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35R	COM-CAN-H	
10	0.35L	COM-CAN-L	
11	0.35O	TMC-LIN1	
12	0.35Lg	TMC-LIN2	
13	-	-	
14	0.35R/W	5V sensor power supply	
15	-	-	
16	0.35L/W	High-pressure sensor	
17	-	-	
18	0.35W/G	Compressor discharge temperature	
19	-	-	
20	0.35V	High-voltage temperature sensor	
21	-	-	
22	0.35W/Y	Outside temperature sensor	

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Terminal number	Wire Gauge and Color	Function	Note
23	0.35Br	Water pump relay control	
24	0.35P	Blower power supply relay control	
25	-	-	
26	-	-	
27	-	-	
28	-	-	
29	-	-	
30	-	-	
31	-	-	
32	-	-	
33	0.35W/Br	Driver face temperature	
34	-	-	
35	0.35Y/L	Low pressure sensor	
36	0.35W	Low-Voltage Temperature Sensor	
37	0.35L/Y	Liquid temperature sensor	

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Terminal number	Wire Gauge and Color	Function	Note
38	0.5R/L	ON2B Power Supply	
39	-	-	
40	0.35B/W	Sensor ground	

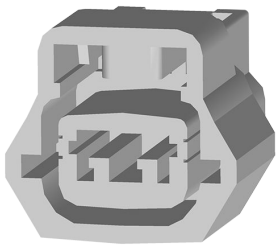
EL135 THERMAL MANAGEMENT CONTROLLER - ADDRESS PROPERTIES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)

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7.1.29 EL039 LOW TONE HORN ASSEMBLY

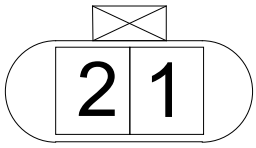
EL039 LOW TONE HORN ASSEMBLY - 3D DRAWING



Connector Name	Low-tone horn assembly
Connector Number	EL039
Connector model	MG641156-4(KET)

EL039 LOW TONE HORN ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Grounding	
2	1.0L/W	Power	

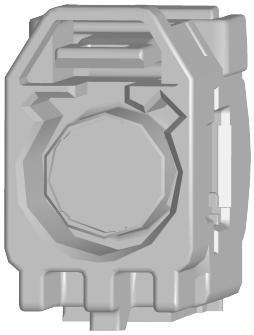
EL039 LOW TONE HORN ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.20 Horn System Circuit Diagram (page 146)

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7.1.30 EBX15&BDX15

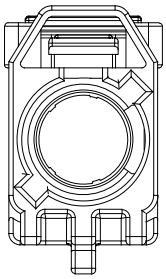
EBX15 & BDX15 - 3D DRAWING



Connector Name	EBX15&BDX15
Connector Number	EBX15
Connector model	FAKRA Type A 2326911-1 Black (TE)

EBX15 & BDX15 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	

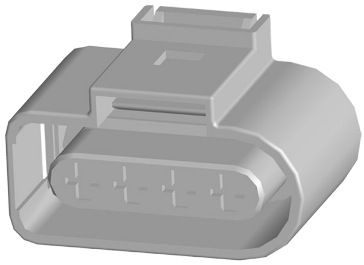
EBX15 & BDX15 - ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX15&BDX15 (page 835)

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7.1.31 EL079 FRONT WIPER MOTOR AND LINKAGE ASSEMBLY

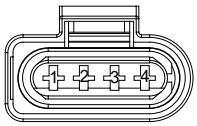
EL079 FRONT WIPER MOTOR AND LINKAGE ASSEMBLY - 3D DRAWING



Connector Name	Front wiper motor and linkage assembly
Connector Number	EL079
Connector model	2349074-1(TE)

EL079 FRONT WIPER MOTOR AND LINKAGE ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	2.0L	High speed	
2	1.5Gr	Low speed	
3	0.5G/W	Reset	
4	2.0B	Grounding	

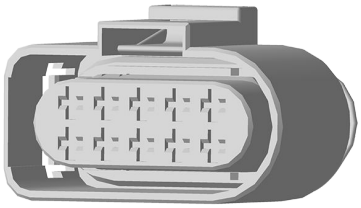
EL079 FRONT WIPER MOTOR AND LINKAGE ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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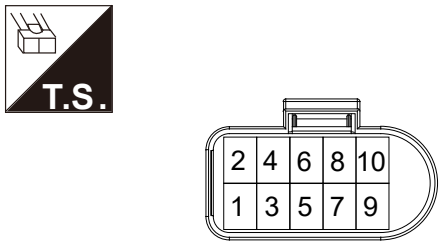
7.1.32 EL045 LEFT FRONT COMBINATION LAMP

EL045 LEFT FRONT COMBINATION LAMP - 3D DRAWING



Connector Name	Left front combination lamp
Connector Number	EL045
Connector model	493577-2(TE)/DT7104H-2.8-21-LP(HK)

EL045 LEFT FRONT COMBINATION LAMP-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0R/Y	Power Positive	
2	1.0B	Grounding	
3	-	-	
4	-	-	
5	-	-	
6	0.5W	ON1B Power	
7	0.5R/Y	BCAN-H	
8	0.5L/Y	BCAN-L	
9	-	-	
10	-	-	

EL045 LEFT FRONT COMBINATION LAMP - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)

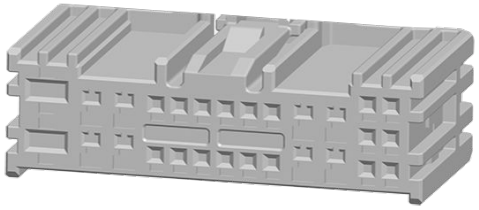
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System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.13 Headlamp system circuit diagram (page 139)

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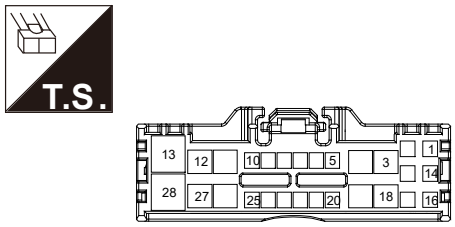
7.1.33 EBX13&BDX13

EBX13 & BDX13 – 3D DRAWING



Connector Name	EBX13&BDX13
Connector Number	EBX13
Connector model	393228024AAB(HL)

EBX13&BDX13-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	0.35Br/W	Rear right wheel speed power	
6	0.35O	Rear right wheel speed signal	
7	-	-	
8	-	-	
9	0.35Y	Pedestrian Warning Horn+	
10	0.35L	Pedestrian warning speaker	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	-	-	
13	2.5R/W	Right EPB Motor Park +/Release-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	0.35W/Y	Front left frontal crash sensor+	
22	0.35W/G	Left front frontal impact sensor -	
23	0.35W/B	Front right frontal crash sensor+	
24	0.35W/Br	Right front frontal crash sensor-	
25	-	-	
26	-	-	
27	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
28	2.5R/Y	Right EPB motor release+/park-	

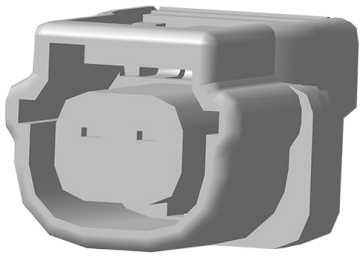
EBX13 & BDX13 - ADDRESS PROPERTIES

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.6 Electronic Stability Control System Wiring Diagram (page 132)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX13&BDX13 (page 834)

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7.1.34 EL155 COMPRESSOR DISCHARGE TEMPERATURE (HEAT PUMP)

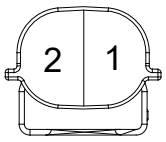
EL155 COMPRESSOR DISCHARGE TEMPERATURE (HEAT PUMP) - 3D DIAGRAM



Connector Name	Compressor discharge temperature (heat pump)
Connector Number	EL155
Connector model	6189-6905(SUM)

EL155 COMPRESSOR DISCHARGE TEMPERATURE (HEAT PUMP) - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/W	Grounding	
2	0.35W/G	Power supply/Signal output	

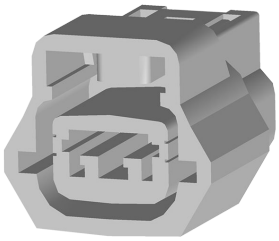
EL155 COMPRESSOR DISCHARGE TEMPERATURE (HEAT PUMP) - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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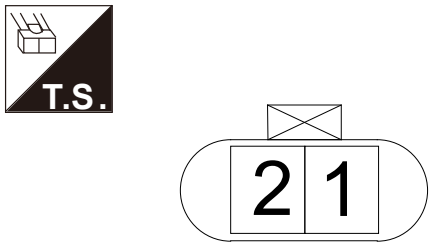
7.1.35 EL038 HIGH-TONE HORN ASSEMBLY

EL038 TWEETER ASSEMBLY-3D DRAWING



Connector Name	Tweeter assembly
Connector Number	EL038
Connector model	MG641156-4(KET)

EL038 HIGH-TONE HORN ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Grounding	
2	1.0L/W	Power	

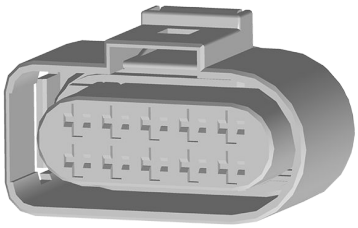
EL038 HIGH TONE HORN ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.20 Horn System Circuit Diagram (page 146)

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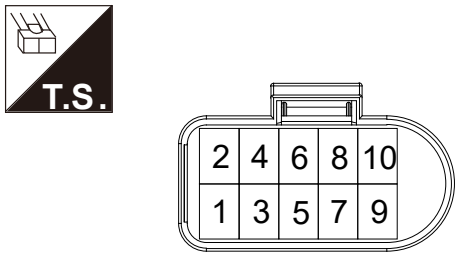
7.1.36 EL046 RIGHT FRONT COMBINATION LAMP

EL046 FRONT RIGHT COMBINATION LAMP - 3D DRAWING



Connector Name	Right front combination lamp
Connector Number	EL046
Connector model	493577-2(TE)/DT7104H-2.8-21-LP(HK)

EL046 RIGHT FRONT COMBINATION LAMP - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0R/Br	Power Positive	
2	1.0B	Grounding	
3	-	-	
4	-	-	
5	0.5B/W	Identification signal - GND1	
6	0.5W	ON1B Power	
7	0.5R/Y	BCAN-H	
8	0.5L/Y	BCAN-L	
9	-	-	
10	-	-	

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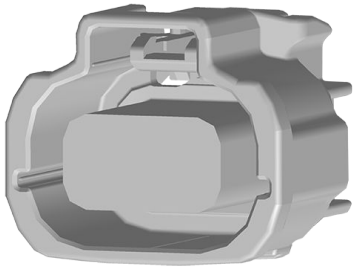
EL046 RIGHT FRONT COMBINATION LAMP - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.13 Headlamp system circuit diagram (page 139)

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7.1.37 EL136-1 ELECTRIC COMPRESSOR ASSEMBLY

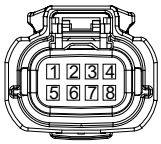
EL136-1 ELECTRIC COMPRESSOR ASSEMBLY - 3D DRAWING



Connector Name	Electric compressor assembly
Connector Number	EL136-1
Connector model	6189-7608(SUM)

EL136-1 ELECTRIC COMPRESSOR ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35L	COM-CAN-L	
2	0.5B	Grounding	
3	-	-	
4	0.5R/L	Power	
5	0.35R	COM-CAN-H	
6	0.35G/L	HVIL B PWM/O	
7	0.35B/L	HVILA PWM/I	
8	-	-	

EL136-1 ELECTRIC COMPRESSOR ASSEMBLY - ADDRESS PROPERTY

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)

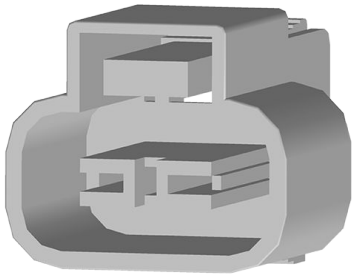
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	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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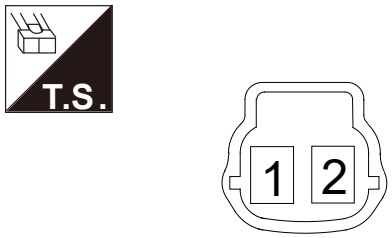
7.1.38 EL080 WASHER MOTOR

EL080 WASHER MOTOR - 3D DIAGRAM



Connector Name	Washer motor
Connector Number	EL080
Connector model	6189-0772(SUM)

EL080 WASH MOTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75R/B	Front Wash Output+	
2	0.75G/W	Front washer output-	

EL080 WASHER MOTOR - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.1.39 EBX17&BDX17

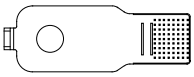
EBX17&BDX17-3D DRAWING



Connector Name	EBX17&BDX17
Connector Number	EBX17
Connector model	HK-DZ121(HK)

EBX17&BDX17-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Ground plate fuse box	

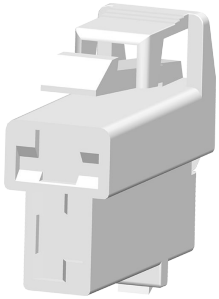
EBX17&BDX17-ADDRESS ATTRIBUTES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
Location Diagram	EBX17&BDX17 (page 828)

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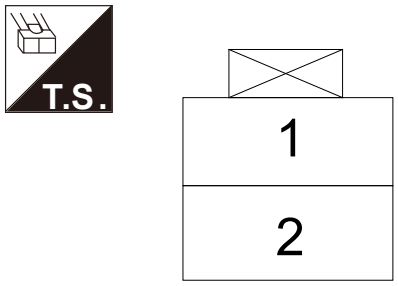
7.1.40 EL185 A/C BLOWER

EL185 A/C BLOWER - 3D ILLUSTRATION



Connector Name	Blower motor
Connector Number	EL185
Connector model	3CN2BTX06BR(HL)

EL185 A/C BLOWER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	3.0Br	Power Positive	
2	3.0B	Ground-	

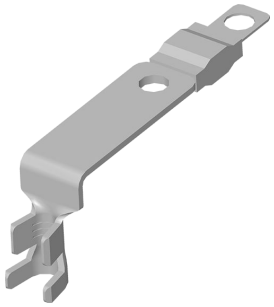
EL185 A/C BLOWER - ADDRESS ATTRIBUTE

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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7.1.41 PD04-4 BATTERY FUSE BOX (SMART INTEGRATED BRAKING SYSTEM ASSEMBLY POWER SUPPLY 2)

PD04-4 BATTERY FUSE BOX (INTELLIGENT INTEGRATED BRAKE SYSTEM ASSEMBLY POWER SUPPLY 2) - 3D DRAWING



Connector Name	Battery fuse box (Intelligent Integrated Braking System Assembly Power Supply 2)
Connector Number	PD04-4
Connector model	HK-DZ085(HK)

PD04-4 BATTERY FUSE BOX(INTELLIGENT INTEGRATED BRAKE SYSTEM ASSEMBLY POWER SUPPLY 2)-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	6.0R/W	Connect to power supply 2 of the Intelligent Integrated Braking System assembly	

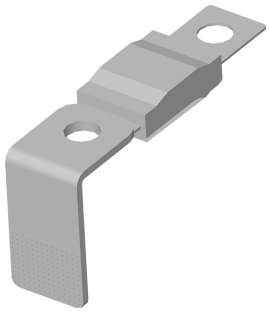
PD04-4 BATTERY FUSE BOX (INTELLIGENT INTEGRATED BRAKING SYSTEM ASSEMBLY POWER 2) - ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	2.10 Battery Fuse Box Power Distribution (page 79)

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7.1.42 PD04 BATTERY FUSE BOX (POWERED BY ENGINE COMPARTMENT FUSE BOX)

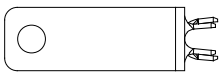
PD04 BATTERY FUSE BOX (POWERED BY THE ENGINE COMPARTMENT FUSE BOX) - 3D VIEW



Connector Name	Battery fuse box (powered by the engine compartment fuse box)
Connector Number	PD04
Connector model	HK-DQH044(HK)

PD04 BATTERY FUSE BOX (POWERED BY THE ENGINE COMPARTMENT FUSE BOX) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Engine Compartment Fuse Box Power Supply	
2	-	-	
3	-	-	
4	-	-	

PD04 BATTERY FUSE BOX (POWERED BY ENGINE COMPARTMENT FUSE BOX) - ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	2.2 Engine Compartment Fuse Box Three-Way Fuse Power Distribution (page 63)
	2.3 Engine Compartment Fuse Box Power Distribution (page 64)

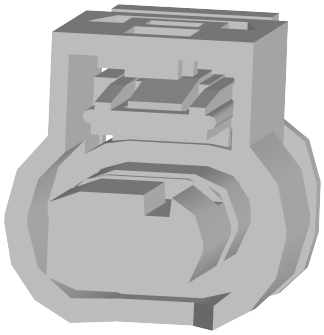
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	2.6 Instrument Panel Fuse Box Power Distribution (page 71)
	2.8 Floor Fuse Box Power Distribution (page 76)
	2.10 Battery Fuse Box Power Distribution (page 79)

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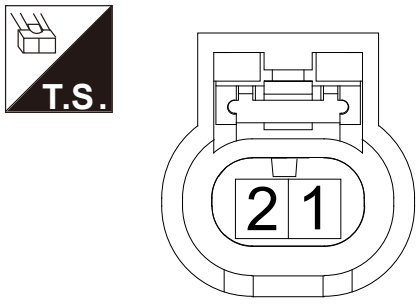
7.1.43 TR010 LEFT FRONT CRASH SENSOR ASSEMBLY

TR010 FRONT LEFT CRASH SENSOR ASSEMBLY-3D DRAWING



Connector Name	Front left crash sensor assembly
Connector Number	TR010
Connector model	805-120-522(Hirschmann)

TR010 FRONT LEFT CRASH SENSOR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Front left frontal crash sensor+	
2	0.35W/G	Left front frontal impact sensor -	

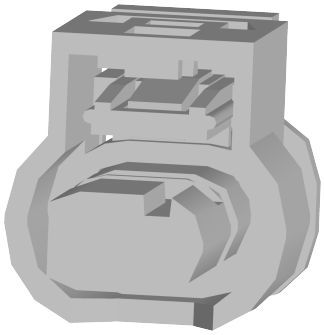
TR010 FRONT LEFT CRASH SENSOR ASSEMBLY - ADDRESS ATTRIBUTES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	6.1.1 Engine compartment wiring harness (page 202)

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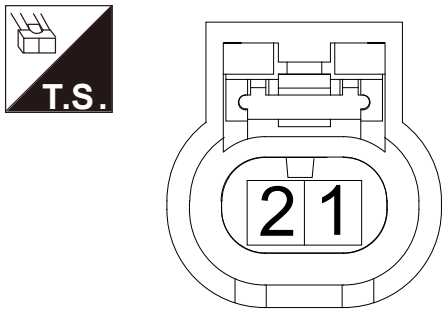
7.1.44 TR011 FRONT RIGHT CRASH SENSOR ASSEMBLY

TR011 FRONT RIGHT CRASH SENSOR ASSEMBLY - 3D DRAWING



Connector Name	Right front crash sensor assembly
Connector Number	TR011
Connector model	805-120-522(Hirschmann)

TR011 RIGHT FRONT COLLISION SENSOR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/B	Front right frontal crash sensor+	
2	0.35W/Br	Right front frontal crash sensor-	

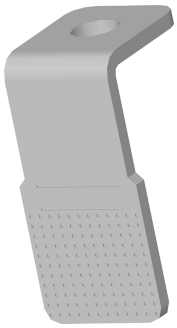
TR011 FRONT RIGHT CRASH SENSOR ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.1.45 PD01-2 FRONT COMPARTMENT FUSE BOX TERMINAL (CONNECTED TO REAR ELECTRIC DRIVE POWERTRAIN DCDC+)

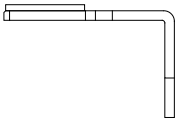
PD01-2 FRONT ENGINE COMPARTMENT FUSE BOX TERMINAL (CONNECTED TO REAR ELECTRIC DRIVE POWERTRAIN DCDC+)-3D DRAWING



Connector Name	Front engine compartment fuse box terminal (connected to rear electric drive powertrain DCDC+)
Connector Number	PD01-2
Connector model	RSD2D1796(RSD)

PD01-2 FRONT ENGINE COMPARTMENT FUSE BOX TERMINAL (CONNECTED TO REAR ELECTRIC DRIVE POWERTRAIN DCDC+) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Connect to the rear electric drive powertrain DCDC+	

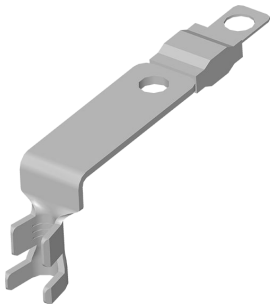
PD01-2 FRONT COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO REAR ELECTRIC DRIVE POWERTRAIN DCDC+) - ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	2.2 Engine Compartment Fuse Box Three-Way Fuse Power Distribution (page 63)
	2.8 Floor Fuse Box Power Distribution (page 76)

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7.1.46 PD04-2 BATTERY FUSE BOX (POWERED BY THE INSTRUMENT PANEL FUSE BOX)

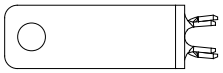
PD04-2 BATTERY FUSE BOX (POWERED BY INSTRUMENT PANEL FUSE BOX) - 3D VIEW



Connector Name	Battery fuse box (powered by instrument panel fuse box)
Connector Number	PD04-2
Connector model	HK-DZ085(HK)

PD04-2 BATTERY FUSE BOX (POWERED BY INSTRUMENT PANEL FUSE BOX) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	10.0R	Instrument fuse box power supply	

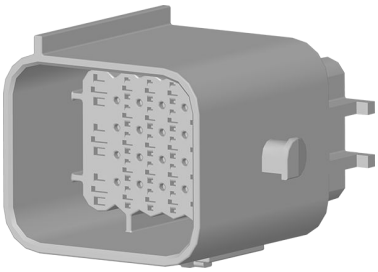
PD04-2 BATTERY FUSE BOX (POWERED BY INSTRUMENT PANEL FUSE BOX) - ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	2.6 Instrument Panel Fuse Box Power Distribution (page 71)
	2.10 Battery Fuse Box Power Distribution (page 79)

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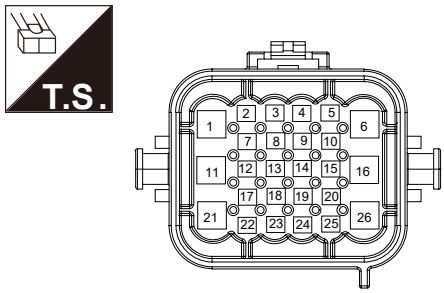
7.1.47 TMS05 SUPER INTEGRATED MODULE

TMS05 SUPER INTEGRATED MODULE - 3D DRAWING



Connector Name	Super Integrated Module
Connector Number	TMS05
Connector model	1897013-2(TE)

TMS05 SUPER INTEGRATED MODULE - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0O	Battery Water Pump Power+	
2	0.35B/W	Sensor ground	
3	0.35L/Y	Liquid side temperature sensor	
4	-	-	
5	-	-	
6	1.0W	Motor Water Pump Power Supply +	
7	0.35W	Low-voltage PT sensor temperature signal	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35Y/L	Low-voltage PT sensor pressure signal	
9	0.35V	High-voltage PT sensor temperature signal	
10	0.35L/W	High-voltage PT sensor pressure signal	
11	-	-	
12	0.35Y	Solenoid shut-off valve 1 - Normally closed	
13	0.35Y/W	Solenoid shut-off valve 2 - Normally Closed	
14	0.35O	Battery/Motor water pump/Five-way water valve LIN 1	
15	0.5P	SOV Power Positive	
16	-	-	
17	0.35O/B	Solenoid shut-off val	

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Terminal number	Wire Gauge and Color	Function	Note
		ve 3-Normally open	
18	0.5P	EVX Power Positive	
19	0.35Lg	EVX LIN2	
20	0.5B	EVX ground	
21	1.0B	Battery water pump ground	
22	0.5B	Five-way water valve	
23	0.75R/L	Five-way water valve power +	
24	0.35R/W	5V sensor power supply	
25	-	-	
26	1.0B	Motor water pump ground	

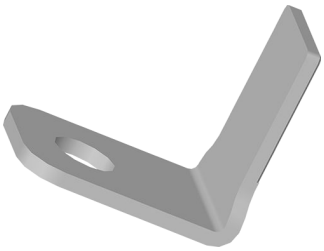
TMS05 SUPER INTEGRATED MODULE - ADDRESS PROPERTIES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)

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7.1.48 PD05-1 CONNECT TO THE INSTRUMENT PANEL FUSE BOX TERMINAL

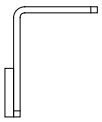
PD05-1 INSTRUMENT PANEL FUSE BOX TERMINAL CONNECTION - 3D VIEW



Connector Name	Instrument panel fuse box terminal
Connector Number	PD05-1
Connector model	HK-DZ148(HK)

PD05-1 CONNECTION TO INSTRUMENT PANEL FUSE BOX TERMINAL - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	10.0R	Instrument panel fuse box terminal	

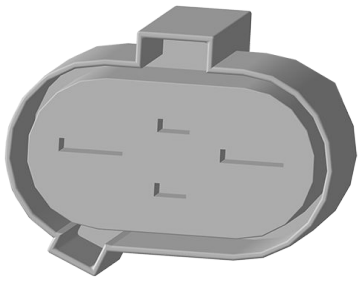
PD05-1 CONNECTED TO INSTRUMENT PANEL FUSE BOX TERMINAL - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	2.3 Engine Compartment Fuse Box Power Distribution (page 64)
	2.6 Instrument Panel Fuse Box Power Distribution (page 71)
	2.10 Battery Fuse Box Power Distribution (page 79)

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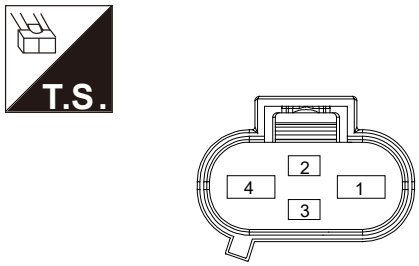
7.1.49 EL160 ELECTRONIC FAN ASSEMBLY

EL160 ELECTRIC FAN ASSEMBLY - 3D DRAWING



Connector Name	Electric Fan Assembly
Connector Number	EL160
Connector model	F004200(DELPHI)

EL160 ELECTRIC FAN ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	4.0R/L	Power	
2	-	-	
3	0.5O	LIN1	
4	4.0B	Grounding	

EL160 ELECTRONIC FAN ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)

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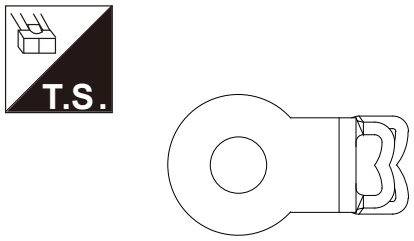
7.1.50 PD01-3 FRONT COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO INTEGRATED MOTOR CONTROLLER)

PD01-3 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO INTEGRATED MOTOR CONTROLLER) - 3D VIEW



Connector Name	Front engine compartment fuse box terminals (connected to integrated motor controller)
Connector Number	PD01-3
Connector model	RSD2D1171(RSD)

PD01-3 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO INTEGRATED MOTOR CONTROLLER) - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	8.0R	Connect to the integrated motor controller	

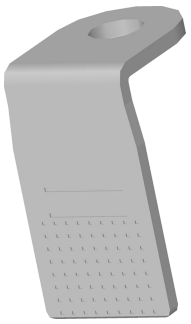
PD01-3 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO INTEGRATED MOTOR CONTROLLER)-ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	2.2 Engine Compartment Fuse Box Three-Way Fuse Power Distribution (page 63)

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7.1.51 PD01-1 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO THE BATTERY FUSE BOX)

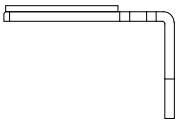
PD01-1 FRONT COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO BATTERY FUSE BOX) - 3D DRAWING



Connector Name	Front compartment fuse box terminals (connected to the b attery fuse box)
Connector Number	PD01-1
Connector model	RSD2D1797(RSD)

PD01-1 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO BATTERY FUSE BOX) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Connect the battery fuse box	

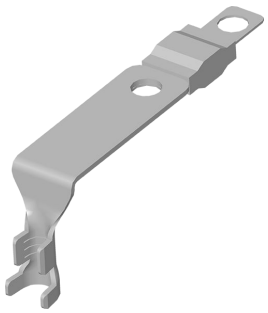
PD01-1 FRONT ENGINE COMPARTMENT FUSE BOX TERMINALS (CONNECTED TO THE BATTERY FUSE BOX) - ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.3 AC Slow Charging System (page 129)
	2.2 Engine Compartment Fuse Box Three-Way Fuse Power Distribution (page 63)
	2.3 Engine Compartment Fuse Box Power Distribution (page 64)
	2.8 Floor Fuse Box Power Distribution (page 76)
	2.10 Battery Fuse Box Power Distribution (page 79)

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7.1.52 PD04-3 BATTERY FUSE BOX (SMART INTEGRATED BRAKING SYSTEM ASSEMBLY POWER SUPPLY 1)

PD04-3 BATTERY FUSE BOX (INTELLIGENT INTEGRATED BRAKING SYSTEM ASSEMBLY POWER SUPPLY 1) - 3D VIEW



Connector Name	Battery fuse box (Smart Integrated Braking System Assembly Power Supply 1)
Connector Number	PD04-3
Connector model	HK-DZ085(HK)

PD04-3 BATTERY FUSE BOX (POWER SUPPLY 1 FOR INTELLIGENT INTEGRATED BRAKING SYSTEM ASSEMBLY) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	6.0R/Y	Connect to Power Supply 1 of the Intelligent Integrated Brake System Assembly	

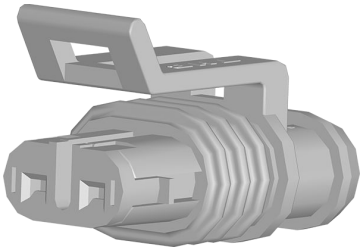
PD04-3 BATTERY FUSE BOX (SMART INTEGRATED BRAKING SYSTEM ASSEMBLY POWER SUPPLY 1)- ADDRESS ATTRIBUTE

Location	6.1.3 Engine compartment wiring harness (page 204)
System	2.10 Battery Fuse Box Power Distribution (page 79)

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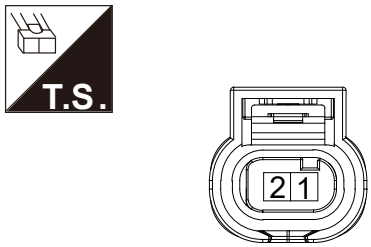
7.1.53 EL161 OUTSIDE TEMPERATURE SENSOR ASSEMBLY

EL161 OUTDOOR TEMPERATURE SENSOR ASSEMBLY - 3D DRAWING



Connector Name	Outdoor temperature sensor assembly
Connector Number	EL161
Connector model	1-1718643-1(TE)

EL161 OUTDOOR TEMPERATURE SENSOR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Power supply/Signal output	
2	0.35B/W	Grounding	

EL161 OUTSIDE TEMPERATURE SENSOR ASSEMBLY - ADDRESS PROPERTY

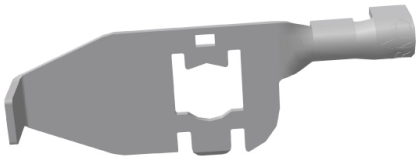
Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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7.2 7.2 FLOOR WIRING HARNESS

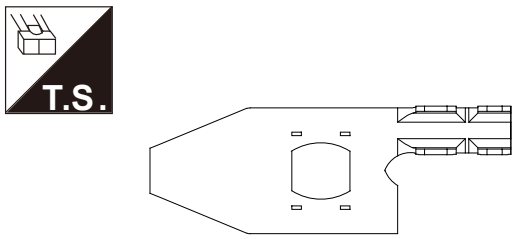
7.2.1 BDG02

BDG02-3D DRAWING



Connector Name	Ground
Connector Number	BDG02
Connector model	DJ481A(ZJZ)

BDG02-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Rear left power window control switch EL095-2	
1	0.35B	Rear left door lock BY015-3	
1	0.35B	Driver's seat connector TR035-25	
1	0.5B	Alcolock interface EL232-4	
1	0.35B	Driver's seat connector TR035-21	Models equipped with power fr

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Terminal number	Wire Gauge and Color	Function	Note
			ont seat adjustment

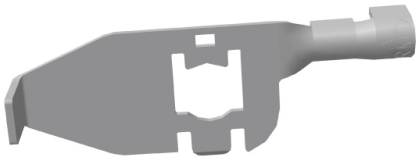
BDG02-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	BDG02 (page 105)

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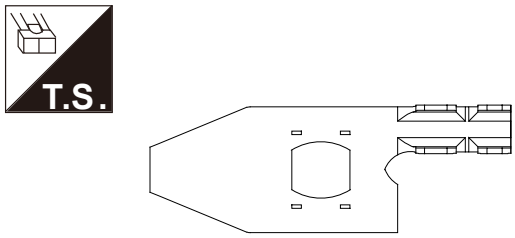
7.2.2 BDG04

BDG04-3D DIAGRAM



Connector Name	Ground
Connector Number	BDG04
Connector model	DJ481A(ZLZ)

BDG04-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5B	Tow hook wiring harness connector EL247-5	
1	1.5B	Tow hook wiring harness connector EL247-10	

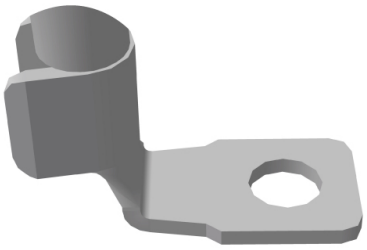
BDG04-ADDRESS PROPERTIES

Location	6.2.2 Floor wiring harness (page 206)
System	4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)
Location Diagram	BDG04 (page 107)

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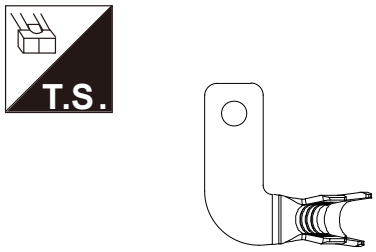
7.2.3 BA001-3 2-IN-1 POWER SUPPLY ASSEMBLY

BA001-3 TWO-IN-ONE POWER SUPPLY ASSEMBLY - 3D DRAWING



Connector Name	2-in-1 Power Supply Assembly
Connector Number	BA001-3
Connector model	KDJ4356-8HZC(Kaidi)

BA001-3 TWO-IN-ONE POWER SUPPLY ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	DCDC+	

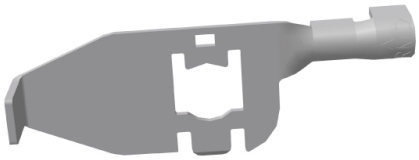
BA001-3 2-IN-1 POWER SUPPLY ASSEMBLY - ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)

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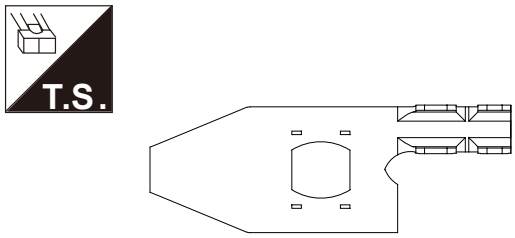
7.2.4 BDG11-1

BDG11-1-3D DRAWING



Connector Name	Ground
Connector Number	BDG11-1
Connector model	DJ481A(ZJZ)

BDG11-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	2-in-1 Power Assembly BA001-1-G4	Models not equipped with a power sunshade
1	0.5L/W	AC slow charging electronic lock HV02-2	Models not equipped with a power sunshade
1	0.5B	Charging Protocol Converter BA003-11	Models not equipped with a power sunshade
1	0.35B	Charging Protocol Converter BA003-20	Models not equipped with a power sunshade
1	-	Charging Protocol Co	Models not equipped

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Terminal number	Wire Gauge and Color	Function	Note
		nverter BA003-10	with a power sunshade
1	0.5B	Rear left fog lamp retroreflector assembly EL234-1	Models not equipped with a power sunshade
1	0.5B	Rear right fog lamp reflector assembly EL235-1	Models not equipped with a power sunshade
1	0.35B	Rear left blind spot detection radar EL015-1-5	Models not equipped with a power sunshade
1	0.35B	Rear right blind spot monitoring radar EL016-1-5	Models not equipped with a power sunshade
1	0.35B	Rear right blind spot monitoring radar EL016-1-2	Models not equipped with a power sunshade

BDG11-1-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.3 AC Slow Charging System (page 129)

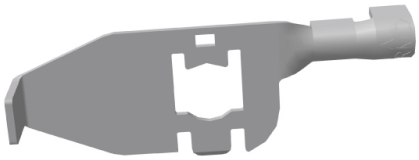
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	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDG11-1 (page 117)

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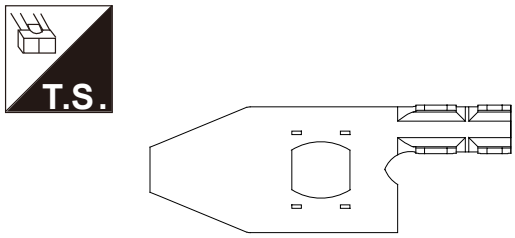
7.2.5 BDG16

BDG16-3D DRAWING



Connector Name	Ground
Connector Number	BDG16
Connector model	DJ481A(ZLZ)

BDG16-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Power battery pack assembly BA002-29	
1	0.5B	Power battery pack assembly BA002-5	

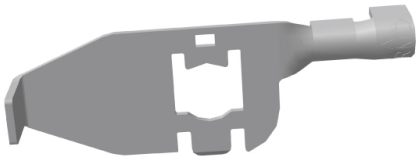
BDG16-ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
Location Diagram	BDG16 (page 122)

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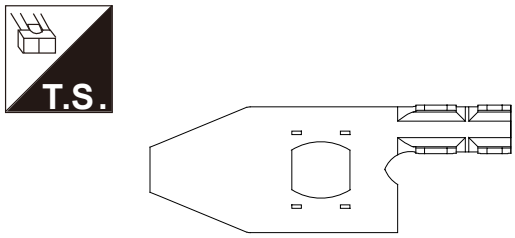
7.2.6 BDG03

BDG03-3D DRAWING



Connector Name	Ground
Connector Number	BDG03
Connector model	DJ481A(ZLZ)

BDG03-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Rear left combination lamp with cover EL061-7	

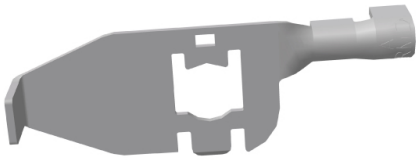
BDG03-ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
Location Diagram	BDG03 (page 106)

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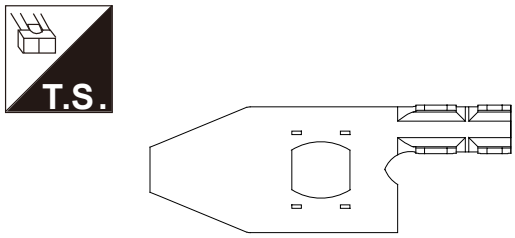
7.2.7 BDG14

BDG14-3D DRAWING



Connector Name	Ground
Connector Number	BDG14
Connector model	DJ481A(ZJZ)

BDG14-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Airbag control module assembly TR004-1-53	

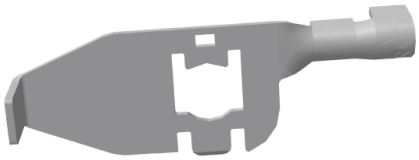
BDG14-ADDRESS PROPERTIES

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
Location Diagram	BDG14 (page 121)

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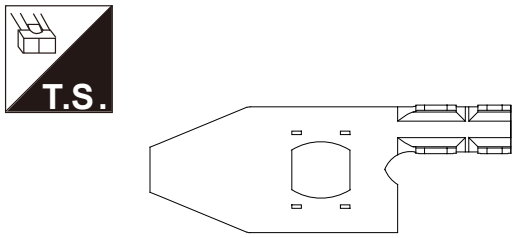
7.2.8 BDG06

BDG06-3D DRAWING



Connector Name	Ground
Connector Number	BDG06
Connector model	DJ481A(ZJZ)

BDG06-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.5B	Driver's seat connector TR035-32	Models equipped with power front seat adjustment
1	1.0W	Driver's seat connector TR035-33	Models equipped with front seat ventilation and heating

BDG06-ADDRESS ATTRIBUTE

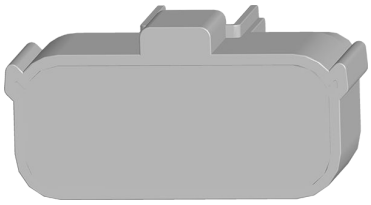
Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)
Location Diagram	BDG06 (page 109)

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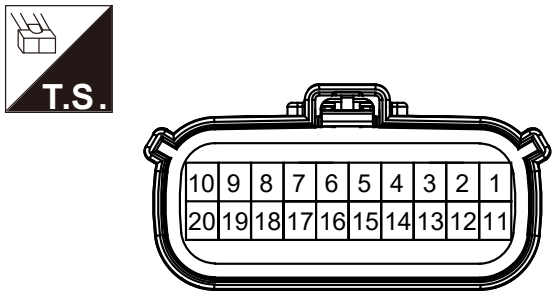
7.2.9 BA003 CHARGING PROTOCOL CONVERTER

BA003 CHARGING PROTOCOL CONVERTER - 3D DRAWING



Connector Name	Charging protocol converter
Connector Number	BA003
Connector model	33472-2001(MOLEX)

BA003 CHARGING PROTOCOL CONVERTER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5R/Br	Power	
2	0.35L/G	PCAN-L	
3	0.35L/Y	CH_CAN_L	
4	-	-	
5	0.35R/Y	ON2A power supply	
6	-	-	
7	0.35O/B	BMS, HPC wake-up signal	
8	-	-	
9	-	-	
10	0.35W/Y	CPIN	

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Terminal number	Wire Gauge and Color	Function	Note
11	0.5B	Grounding	
12	0.35R/G	PCAN-H	
13	0.35R/Y	CH_CAN_H	
14	-	-	
15	0.35G/L	CC2	
16	-	-	
17	-	-	
18	0.35W	CPOUT	
19	-	-	
20	0.35B	PE grounding	

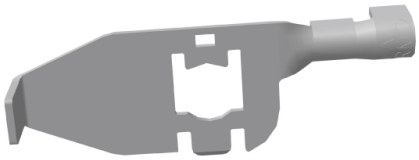
BA003 CHARGING PROTOCOL CONVERTER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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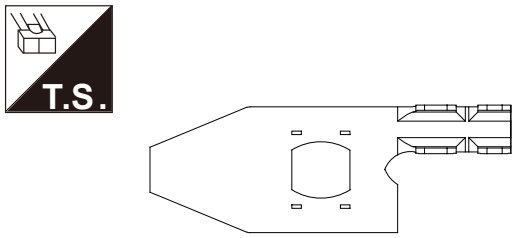
7.2.10 BDG09

BDG09 - 3D DRAWING



Connector Name	Ground
Connector Number	BDG09
Connector model	DJ481A(ZJZ)

BDG09 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Rear right power window control switch EL096-2	
1	0.35B	Rear right door lock BY016-5	
1	0.35B	Rear dual latch assembly TR050-4	
1	0.35B	Rear Single Latch Assembly TR024-2	
1	0.35B	Rear Dual Latch Assembly TR050-2	

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Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Front passenger seat connector TR036-21	Models equipped with power front seat adjustment
1	0.35B	Front passenger seat connector TR036-25	

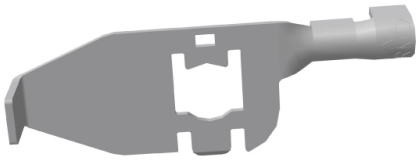
BDG09-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.24 Door Lock System Wiring Diagram (page 150)
Location Diagram	BDG09 (page 112)

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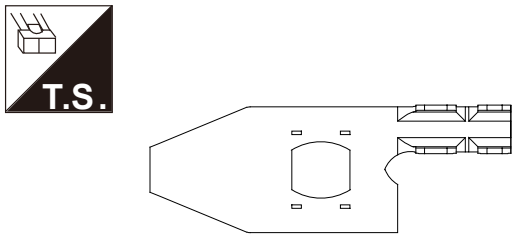
7.2.11 BDG12

BDG12-3D DRAWING



Connector Name	Ground
Connector Number	BDG12
Connector model	DJ481A(ZJZ)

BDG12-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B	Power liftgate controller BY028-2-6	

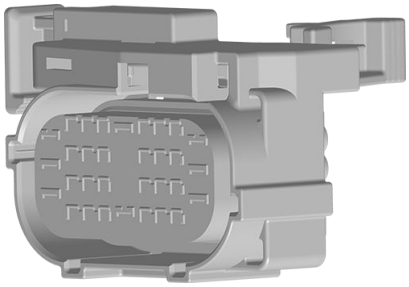
BDG12-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.10 Power Sunshade System Wiring Diagram (page 136)
	4.30 Power Tailgate System Circuit Diagram (page 156)
Location Diagram	BDG12 (page 119)

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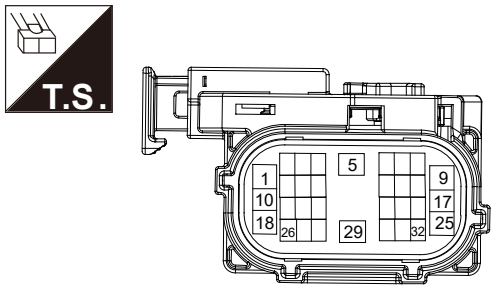
7.2.12 BA002 POWER BATTERY PACK ASSEMBLY

BA002 POWER BATTERY PACK ASSEMBLY - 3D DIAGRAM



Connector Name	Power Battery Pack Assembly
Connector Number	BA002
Connector model	6189-8168(SUM)

BA002 POWER BATTERY PACK ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/B	DC_12V (Fast Charging)	
2	-	-	
3	-	-	
4	-	-	
5	0.5B	Ground 1	
6	-	-	
7	-	-	
8	0.35R/Y	ON2A power supply	
9	-	-	
10	0.5R/Y	Power supply 1	
11	0.35L/G	PCAN-L	
12	0.35R/G	PCAN-H	

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Terminal number	Wire Gauge and Color	Function	Note
13	-	-	
14	-	-	
15	-	-	
16	0.35Y/B	ON1A Power Supply	
17	0.35O	AC 12V (Slow Charging)	
18	0.5R/B	Power 2	
19	0.35L/Y	CH_CAN_L	
20	0.35R/Y	CH_CAN_H	
21	0.35G/L	CC2 DC charging connection confirmation signal	
22	-	-	
23	0.35Br	Thermal runaway wake-up output	
24	-	-	
25	-	-	
26	-	-	
27	-	-	
28	-	-	
29	0.5B	Grounding 2	
30	0.35Y/Br	Collision signal	
31	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
32	-	-	

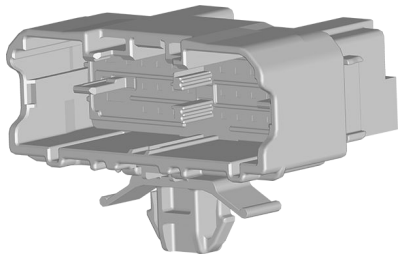
BA002 POWER BATTERY PACK ASSEMBLY - ADDRESS ATTRIBUTE

Location	
	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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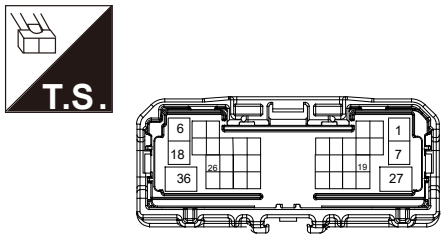
7.2.13 BDX11&EBX11

BDX11&EBX11-3D DRAWING



Connector Name	BDX11&EBX11
Connector Number	BDX11
Connector model	6098-9094(SUM)

BDX11&EBX11-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75R/B	Front Wash Output+	
2	0.5B/V	Accelerator pedal high signal	
3	0.5B/L	Accelerator pedal height	
4	0.5B/Br	Accelerator Pedal Low Signal	
5	0.5B	Accelerator pedal low ground	
6	1.5Gr	Front wiper low speed output	
7	0.75G/W	Front washer output-	

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Terminal number	Wire Gauge and Color	Function	Note
8	-	-	
9	0.35Lg/R	Left Rear Wheel Speed Power Supply	
10	0.35W/G	Left rear wheel speed signal	
11	-	-	
12	-	-	
13	-	-	
14	0.5B/G	Accelerator pedal high-level 5V supply	
15	0.5B/Gr	Accelerator pedal low 5V supply	
16	-	-	
17	0.35R/Br	Rear Blind Spot Detection Radar Power Supply	
18	2.0L	Front wiper high speed output	
19	-	-	
20	0.5Y/R	Brake switch (normally open)	

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Terminal number	Wire Gauge and Color	Function	Note
21	-	-	
22	-	-	
23	0.35R/B	CCAN-H	
24	0.35L/B	CCAN-L	
25	0.5B/Y	Brake switch (normally closed)	
26	-	-	
27	2.5R/L	Left EPB motor Park +/Release -	
28	-	-	
29	-	-	
30	-	-	
31	-	-	
32	-	-	
33	-	-	
34	-	-	
35	-	-	
36	2.5R/G	Left EPB motor release +/park -	

BDX11&EBX11 - ADDRESS PROPERTIES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)

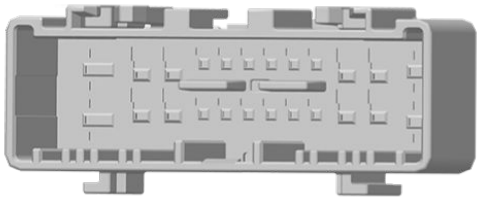
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	4.6 Electronic Stability Control System Wiring Diagram (page 132)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	EBX11&BDX11 (page 820)

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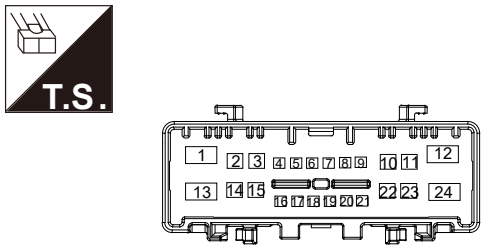
7.2.14 BDX12&EBX12

BDX12&EBX12-3D DRAWING



Connector Name	BDX12&EBX12
Connector Number	BDX12
Connector model	393124024AAW(HL)

BBDX12&EBX12-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	0.35G	ON2-B Relay Control	
3	1.5W/R	Rear Motor Oil Pump Power	
4	-	-	
5	0.35R/W	Alcolock controller power	
6	-	-	
7	0.35W	ON1-B Output	
8	-	-	
9	-	-	
10	0.5R/Y	Battery pack power supply 1	

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Terminal number	Wire Gauge and Color	Function	Note
11	0.5R/B	Battery pack power supply 2	
12	-	-	
13	-	-	
14	0.35W/G	ON3 Relay Control	
15	0.35Y/R	ON2-C Relay Control	
16	-	-	
17	-	-	
18	0.35R	COM-CAN-H	
19	0.35L	COM-CAN-L	
20	-	-	
21	-	-	
22	0.35W/B	BSD radar relay control	
23	-	-	
24	1.5Br	Rear defroster relay control	

BDX12&EBX12-ADDRESS ATTRIBUTES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)

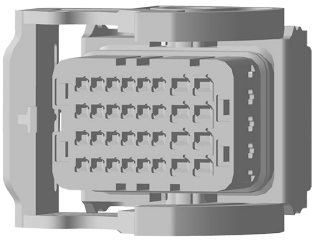
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	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)
	4.13 Headlamp system circuit diagram (page 139)
	4.1 Airbag Control System Wiring Diagram (page 127)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	EBX12&BDX12 (page 830)

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7.2.15 BA001-1 2-IN-1 POWER SUPPLY ASSEMBLY

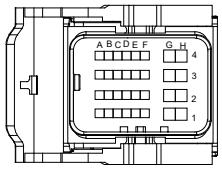
BA001-1 TWO-IN-ONE POWER SUPPLY ASSEMBLY - 3D DRAWING



Connector Name	2-in-1 Power Supply Assembly
Connector Number	BA001-1
Connector model	64319-1211(MOLEX)

BA001-1 2-IN-1 POWER SUPPLY ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
A1	-	-	
A2	0.35O	OBC wake-up output	
A3	0.35W	CP	
A4	0.35R/G	PCAN-H	
B1	-	-	
B2	-	-	
B3	0.35Y	CC	
B4	0.35L/G	PCAN-L	
C1	-	-	
C2	-	-	
C3	-	-	
C4	-	-	
D1	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
D2	-	-	
D3	0.35R/Y	ON2A power supply	
D4	-	-	
B1	-	-	
B2	-	-	
B3	-	-	
B4	-	-	
F1	-	-	
F2	-	-	
F3	-	-	
F4	-	-	
G1	-	-	
G2	-	-	
G3	-	-	
G4	0.5B	Grounding	
H1	0.5R/Br	Power Positive	
H2	-	-	
H3	-	-	
H4	-	-	

BA001-1 2-IN-1 POWER SUPPLY ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)

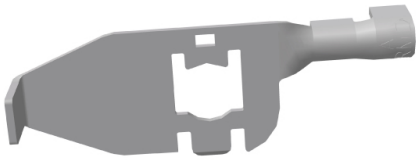
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System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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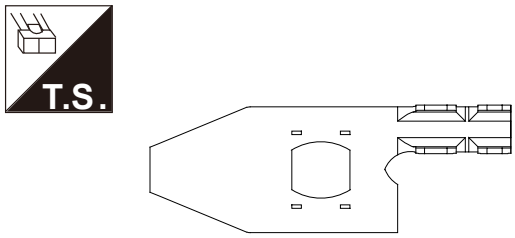
7.2.16 BDG08

BDG08-3D DRAWING



Connector Name	Ground
Connector Number	BDG08
Connector model	DJ481A(ZJZ)

BDG08-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Right exterior rearview mirror assembly TR032-16	
1	0.35B	Right exterior rearview mirror assembly TR032-17	
1	0.35B	Right exterior rearview mirror assembly TR032-4	
1	0.35B	Front right door lock BY014-5	
1	0.35B	Right Front Door Power Window Control Sw	

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Terminal number	Wire Gauge and Color	Function	Note
		itch EL094-2	

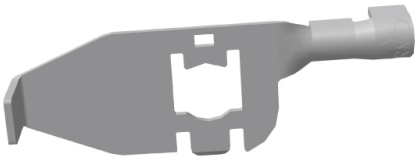
BDG08-ADDRESS PROPERTIES

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDG08 (page 111)

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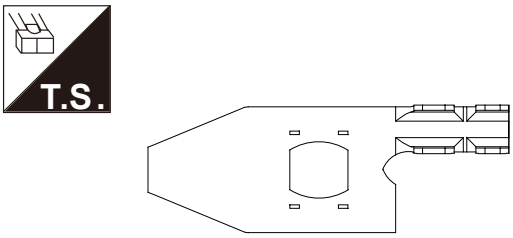
7.2.17 BDG11

BDG11-3D DRAWING



Connector Name	Ground
Connector Number	BDG11
Connector model	DJ481A(ZJZ)

BDG11-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	2-in-1 Power Assembly BA001-1-G4	Models equipped with power sunshades
1	0.5L/W	AC slow charging electronic lock HV02-2	Models equipped with power sunshades
1	0.5B	Charging Protocol Converter BA003-11	Models equipped with power sunshades
1	0.35B	Charging Protocol Converter BA003-20	Models equipped with power sunshades
1	-	Charging Protocol Converter BA003-10	Models equipped with power sunshades

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Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Rear left fog lamp retroreflector assembly EL234-1	Models equipped with power sunshades
1	0.5B	Rear right fog lamp reflector assembly EL235-1	Models equipped with power sunshades
1	0.35B	Rear left blind spot detection radar EL015-1-5	Models equipped with power sunshades
1	0.35B	Rear right blind spot monitoring radar EL016-1-5	Models equipped with power sunshades
1	0.35B	Rear right blind spot monitoring radar EL016-1-2	Models equipped with power sunshades

BDG11-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

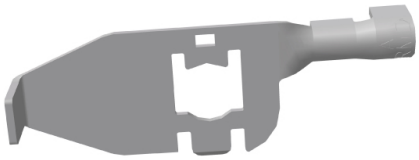
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	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDG11 (page 115)

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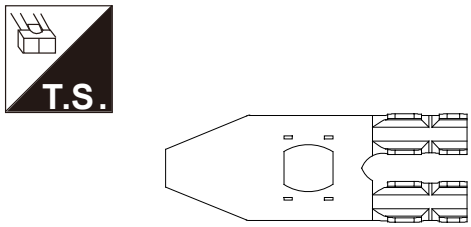
7.2.18 BDG13

BDG13-3D VIEW



Connector Name	Ground
Connector Number	BDG13
Connector model	DJ471A(ZJZ)

BDG13-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B	Power amplifier EL116-1-2	Models equipped with 12 speakers
1	2.0B	Power amplifier EL116-1-8	Models equipped with 12 speakers

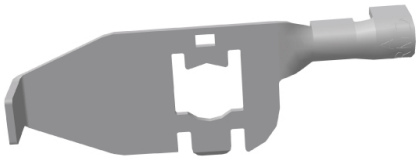
BDG13-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDG13 (page 120)

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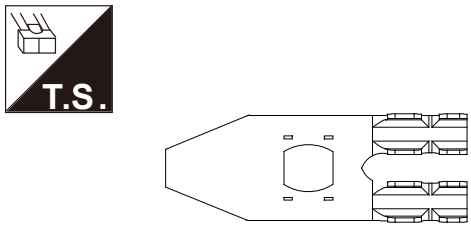
7.2.19 BDG05

BDG05-3D DRAWING



Connector Name	BDG05 Ground
Connector Number	BDG05
Connector model	DJ481A(ZJZ)

BDG05-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Trunk light EL067-1	
1	0.5B	Rear right combination lamp trim cover EL062-7	
1	0.5B	High-mounted brake lamp EL063-2	

BDG05-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

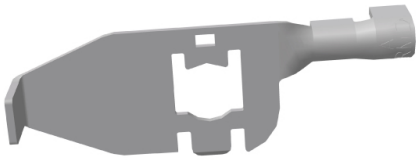
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	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
Location Diagram	BDG05 (page 108)

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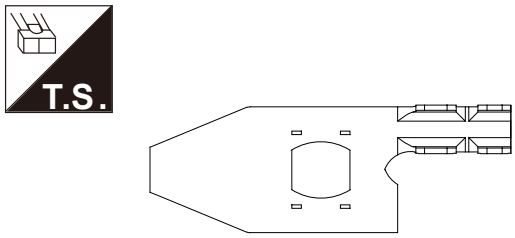
7.2.20 BDG10

BDG10-3D DRAWING



Connector Name	Ground
Connector Number	BDG10
Connector model	DJ481A(ZJZ)

BDG10-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5B	Multi-domain Fusion Controller EL215-7-2	

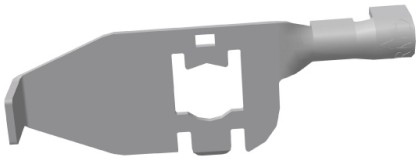
BDG10-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
Location Diagram	BDG10 (page 114)

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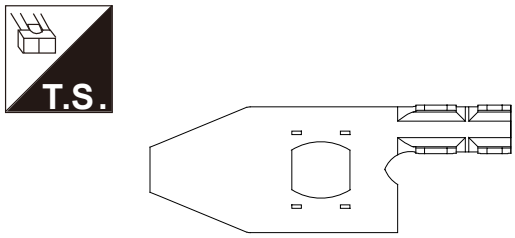
7.2.21 BDG01

BDG01-3D DRAWING



Connector Name	Ground
Connector Number	BDG01
Connector model	DJ481A(ZJZ)

BDG01-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Front left mechanical door handle BY034-2	
1	0.35B	Left exterior rearview mirror assembly TR031-16	
1	0.35B	Left exterior rearview mirror assembly TR031-4	
1	0.35B	Left exterior rearview mirror assembly TR031-17	

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Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Front left door lock BY013-3	
1	0.35B	Front left door window control switch EL093-7	

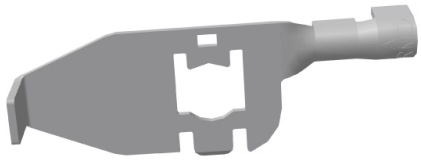
BDG01-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDG01 (page 103)

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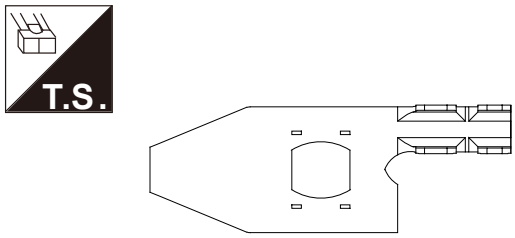
7.2.22 BDG07

BDG07-3D VIEW



Connector Name	Ground
Connector Number	BDG07
Connector model	DJ481A(ZJZ)

BDG07-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.5B	Front passenger seat connector TR036-32	Models equipped with power front seat adjustment
1	1.0W	Front passenger's seat connector TR036-33	Models equipped with front seat ventilation and heating

BDG07-ADDRESS ATTRIBUTE

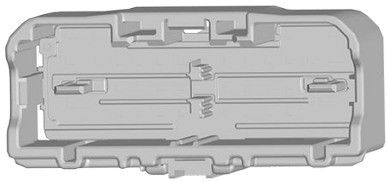
Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)
System	BDG07 (page 110)

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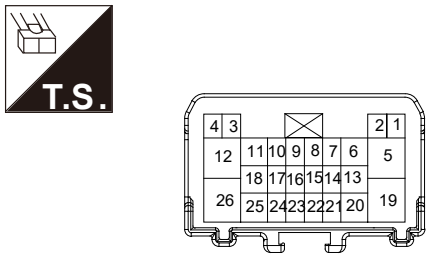
7.2.23 BDX68&HV03

BDX68&HV03-3D DRAWING



Connector Name	BDX68&HV03
Connector Number	BDX68
Connector model	6098-7911(SUM)

BDX68&HV03-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y	CC Charge Connection Confirmation	
2	0.35W/Y	CP Control Pilot	
3	0.35P	Slow charging L1 temperature sensor NTC+	
4	0.35B/W	Slow charging L1 temperature sensor NTC-	
5	-	-	
6	-	-	
7	-	-	
8	0.35Y/V	Fast charging positive temperatur	

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Terminal number	Wire Gauge and Color	Function	Note
		e sensor NTC+	
9	0.35B/W	Fast charging positive temperature sensor NTC-	
10	0.35G/O	Slow charging N temperature sensor NTC+	
11	0.35B/W	Slow charging N temperature sensor NTC-	
12	-	-	
13	-	-	
14	0.35V/G	Fast charging negative temperature sensor NTC+	
15	0.35B/W	Fast charging negative temperature sensor NTC-	
16	0.5W/B	Electronic locking	
17	0.5G/B	Unlock the electronic lock	
18	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
19	-	-	
20	-	-	
21	0.35L/W	Electronic lock feedback	
22	0.35B	Electronic lock feedback -	
23	-	-	
24	-	-	
25	-	-	
26	-	-	

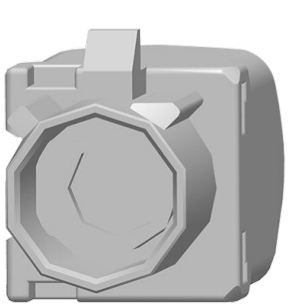
BDX68&HV03-ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
Location Diagram	BDX68&HV03 (page 817)

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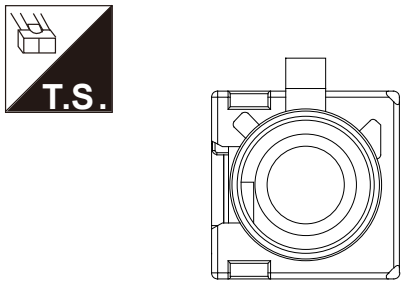
7.2.24 BDX76-3&FLX76-3

BDX76-3 & FLX76-3 - 3D DRAWING



Connector Name	BDX76-3&FLX76-3
Connector Number	BDX76-3
Connector model	2326914-1 TYPE A Black(TE)

BDX76-3 & FLX76-3 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	Left Surround View Camera Input	

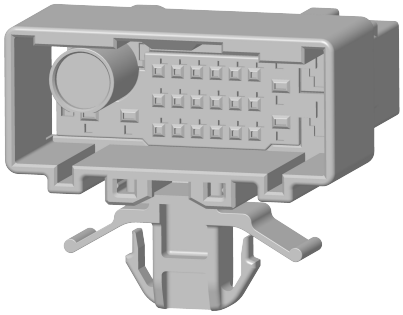
BDX76-3&FLX76-3-ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	BDX76-3&FLX76-3 (page 818)

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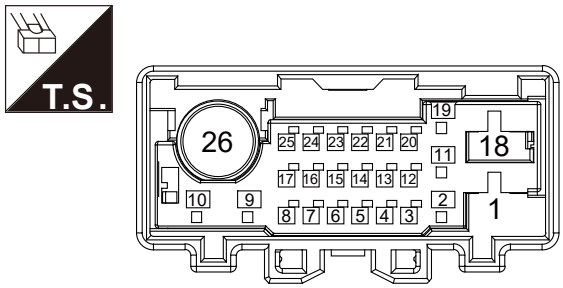
7.2.25 BDX58&TGX58

BDX58 & TGX58 - 3D DRAWING



Connector Name	BDX58&TGX58
Connector Number	BDX58
Connector model	2407638-1(TE)

BDX58&TGX58-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5Br	Rear Defrost Power	
2	-	-	
3	0.35B/W	Inside liftgate switch	Models equipped with power liftgate
4	0.35R/W	Left brake lamp power supply	
5	0.35O	Position lamp and light curtain power supply	
6	0.5B	Grounding	
7	0.35W/R	Half latch signal	Models equipped with power liftgate

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35W/G	Lock reset signal	Models equipped with power liftgate
9	0.75G/B	Soft-close latch drive- (Locking)	Models equipped with power liftgate
10	0.75G/W	Soft-close lock drive + (Unlock)	Models equipped with power liftgate
10	0.75G/W	Tailgate unlock	Models not equipped with a power liftgate
11	0.75R	Rear wiper output	
12	0.35L/B	Liftgate inside switch ground or lock signal ground	Models equipped with power liftgate
13	-	-	
14	0.35W/B	Full lock signal	
15	0.5O/B	Reversing lamp	
16	0.5R/L	License plate light	
17	0.35Lg	Position lamp and light curtain	

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Terminal number	Wire Gauge and Color	Function	Note
		power supply	
18	-	-	
19	-	-	
20	0.35B/G	Tailgate exterior switch input	
21	0.35G/L	Rear wiper motor signal	
22	-	-	
23	0.35Y/P	High-mounted brake lamp	
24	-	-	
25	0.35W	Backlight positive pole	Models equipped with power liftgate
26	-	Rear surround-view camera input	

BDX58&TGX58-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)

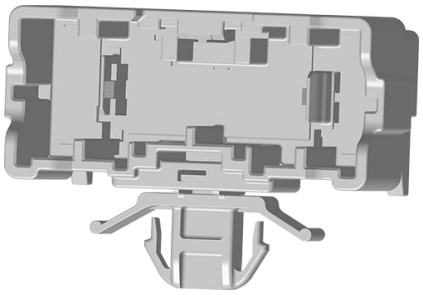
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	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.30 Power Tailgate System Circuit Diagram (page 156)
Location Diagram	BDX5&8TGX58 (page 806)

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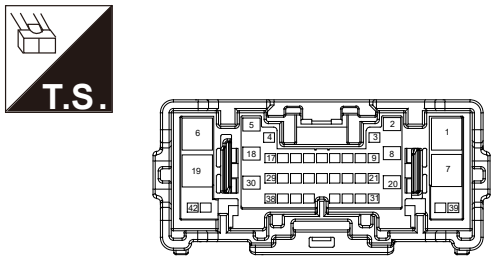
7.2.26 BDX24&IPX24

BDX24 & IPX24 - 3D DRAWING



Connector Name	BDX24&IPX24
Connector Number	BDX24
Connector model	6099-0196(SUM)

BDX24 & IPX24 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0R/G	Amplifier power supply	Models equipped with steering wheel heating
2	-	-	
3	0.5P	Backlight power supply	
4	-	-	
5	0.5Gr/R	Left front tweeter +	
6	-	-	
7	-	-	
8	0.75G/L	Steering wheel heating output	Models equipped with steering wheel heating

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Terminal number	Wire Gauge and Color	Function	Note
9	-	-	
10	-	-	
11	0.35R/B	Front seat lumbar support power	Models equipped with power front seat adjustment
12	0.35V	Center PEPS antenna 1-	
13	0.35V/B	Center PEPS antenna 1+	
14	-	-	
15	-	-	
16	-	-	
17	0.35O	P gear output	
18	0.5Gr	Front left tweeter -	
19	-	-	
20	0.35Y/G	Driver's door handle wake-up signal input	
21	-	-	
22	-	-	
23	0.35W/G	Driver's seat back ventilation sp	Models equipped with front sea

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Terminal number	Wire Gauge and Color	Function	Note
		eed adjustment	t ventilation
24	0.35G/B	Driver's seat cushion ventilation speed adjustment	Models equipped with front seat ventilation
25	-	-	
26	0.35B/W	Steering wheel heating temperature feedback NTC-	Models equipped with steering wheel heating
27	-	-	
28	-	-	
29	-	-	
30	0.35Y	Combination Switch & Multifunction Steering Wheel Button Power Supply	
31	0.35W/Y	Front passenger seat back ventilation speed adjustment	Models equipped with front seat ventilation
32	0.35G/Br	Front passenger seat cushion ventilation sp	Models equipped with front seat ventilation

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Terminal number	Wire Gauge and Color	Function	Note
		eed adjustment	
33	0.35R/G	PCAN-H	
34	0.35L/G	PCAN-L	
35	0.35R/W	CAN3-H	
36	0.35L/W	CAN3-L	
37	-	-	
38	-	-	
39	-	-	
40	0.35O/L	Right side blind spot warning light	
41	-	-	
42	-	-	

BDX24 & IPX24 - ADDRESS PROPERTIES

Location	
	6.3.1 Instrument panel wiring harness (page 207)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

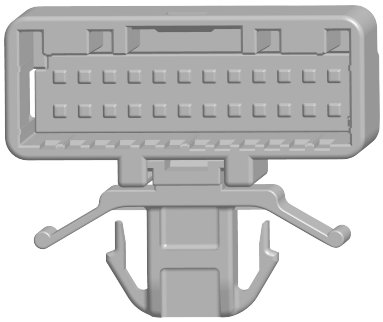
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	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.36 External Amplifier System Circuit Diagram (page 162)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)
Location Diagram	BDX24&IPX24 (page 809)

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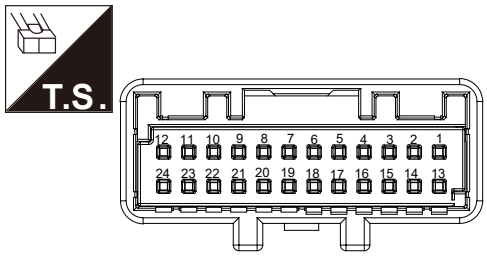
7.2.27 BDX27&IPX27

BDX27 & IPX27 - 3D DRAWING



Connector Name	BDX27&IPX27
Connector Number	BDX27
Connector model	2403200-1(TE)

BDX27 & IPX27 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/Y	Driver's air bag+	
2	0.35Gr/B	Driver's air bag-	
3	0.35Lg	Alcolock high active input	
4	0.35B/W	Ultrasonic radar 1	
5	0.35Y/B	ON1-A Output	
6	0.35W	ON1-B Output	
7	-	-	
8	-	-	
9	0.35P	Ambient light power supply+	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35B/Y	Ambient light power supply -	
11	0.5L/R	Midrange speaker+	Models equipped with 12 speakers
12	0.5W/Y	Midrange speaker-	Models equipped with 12 speakers
13	0.35Br	BMS Wake-up	
14	-	-	
15	-	-	
16	-	-	
17	0.5B	Left curtain airbag positive	
18	0.5Lg	Left curtain airbag negative	
19	0.35W/L	Ultrasonic Radar Communication 1	
20	0.35W/R	Ultrasonic Radar Communication 2	
21	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
22	0.35Y/Br	Collision signal	
23	0.5R/Gr	Airbag ON 3 power supply	
24	0.35B/G	Ultrasonic radar 2	

BDX27 & IPX27 - ADDRESS ATTRIBUTES

Location	
	6.2.2 Floor wiring harness (page 206)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

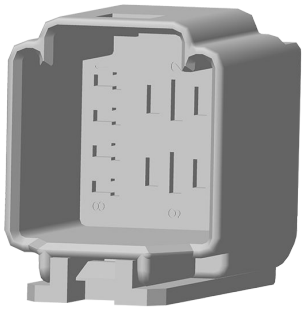
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	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	BDX27&IPX27 (page 808)

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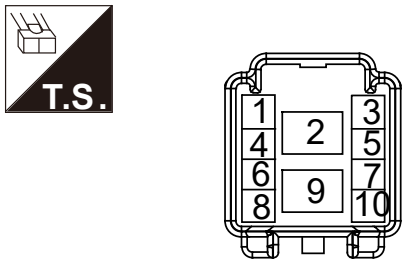
7.2.28 BY027 RIGHT TAILGATE ELECTRIC STRUT ASSEMBLY

BY027 RIGHT TAILGATE ELECTRIC STRUT ASSEMBLY - 3D DRAWING



Connector Name	Right liftgate electric strut assembly
Connector Number	BY027
Connector model	1563125-1(TE)

BY027 TAILGATE RIGHT ELECTRIC STRUT ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	Electric strut Hall power supply	Models equipped with power liftgate
2	2.0Gr	Right strut +	Models equipped with power liftgate
3	0.35L/W	Electric strut Hall signal 1	Models equipped with power liftgate
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	0.35B	Electric strut Hall ground	Models equipped wit

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Terminal number	Wire Gauge and Color	Function	Note
			h power lif tgate
9	2.0W	Right strut -	Models eq uipped wit h power lif tgate
10	0.35Y/W	Electric Str ut Hall Sig nal 2	Models eq uipped wit h power lif tgate

BY027 LIFTGATE RIGHT ELECTRIC STRUT ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.30 Power Tailgate System Circuit Diagram (page 156)

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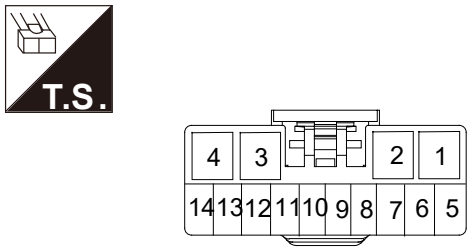
7.2.29 BY028-1 POWER LIFTGATE CONTROLLER

BY028-1 POWER LIFTGATE CONTROLLER - 3D DRAWING



Connector Name	Power Liftgate Controller
Connector Number	BY028-1
Connector model	7283-8398-40(YAZAKI)

BY028-1 POWER LIFTGATE CONTROLLER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0Gr	Electric strut motor drive+	Models equipped with power liftgate
2	2.0W	Electric Strut Motor Drive-	Models equipped with power liftgate
3	1.0R/B	Sunshade motor+	Models equipped with power liftgate
4	1.0L/B	Sunshade motor-	Models equipped with power liftgate
5	-	-	
6	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
7	0.35W	Sunshade Hall signal 1	Models equipped with power liftgate
8	0.35R/L	Electric strut Hall power supply / Sunshade Hall power supply	Models equipped with power liftgate
9	0.35L/W	Electric strut Hall signal 1	Models equipped with power liftgate
10	0.35Y/W	Electric Strut Hall Signal 2	Models equipped with power liftgate
11	0.35B	Electric strut Hall ground / Sunshade Hall ground	Models equipped with power liftgate
12	0.35Y	Sunshade Hall Signal 2	Models equipped with power liftgate
13	-	-	
14	-	-	

BY028-1 POWER TAILGATE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.10 Power Sunshade System Wiring Diagram (page 136)

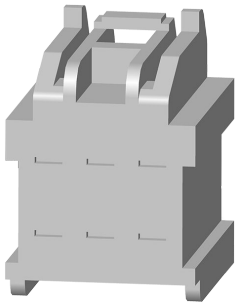
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	4.30 Power Tailgate System Circuit Diagram (page 156)

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7.2.30 BY028-2 POWER LIFTGATE CONTROLLER

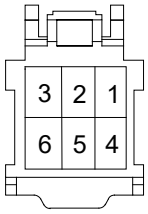
BY028-2 POWER TAILGATE CONTROLLER-3D DRAWING



Connector Name	Power Liftgate Controller
Connector Number	BY028-2
Connector model	6099-0037(SUM)

BY028-2 POWER LIFTGATE CONTROLLER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.75G/B	Soft-close latch drive- (Locking)	Models equipped with power liftgate
2	0.75G/W	Soft-close lock drive + (Unlock)	Models equipped with power liftgate
3	2.0R	Power+ (Drive)	Models equipped with power liftgate
4	0.5R/G	Power supply + (ECU)	Models equipped with power liftgate
5	-	-	
6	2.0B	Power-	Models equipped with power liftgate

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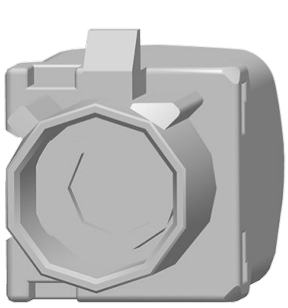
BY028-2 POWER LIFTGATE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.10 Power Sunshade System Wiring Diagram (page 136)
	4.30 Power Tailgate System Circuit Diagram (page 156)

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7.2.31 BDX77-3&FRX77-3

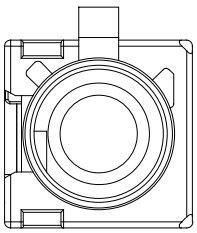
BDX77-3 & FRX77-3 - 3D DRAWING



Connector Name	BDX77-3&FRX77-3
Connector Number	BDX77-3
Connector model	2326914-1 TYPE A Black(TE)

BDX77-3 & FRX77-3 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Right surround view camera input	

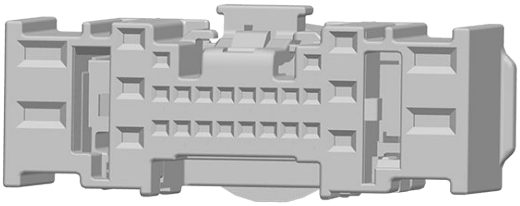
BDX77-3&FRX77-3 - ADDRESS PROPERTIES

Location	6.2.1 Floor wiring harness (page 205)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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7.2.32 BDX55&RRX55

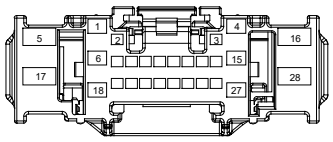
BDX55 & RRX55 - 3D DRAWING



Connector Name	BDX55&RRX55
Connector Number	BDX55
Connector model	6098-9831 Natural Color (SUM)

BDX55 & RRX55 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Grounding	
2	-	-	
3	-	-	
4	0.75L/W	Right rear door lock	
5	2.0R/L	Rear right window up	
6	0.75Br	Unlocking the right rear door lock	
7	0.35P	Backlight power supply	
8	0.35L	Rear right power window lift signal output	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35B/W	Rear right power window signal ground	
10	0.35Gr	Rear right door lock half-open signal	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.5O	Rear right woofer and tweeter+	Models equipped with 12 speakers
15	0.5O	Right rear woofer+	Vehicles equipped with 6 speakers
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
25	-	-	
26	-	-	
27	0.50/B	Rear right tweeter and woofer-	Models equipped with 12 speakers
27	0.50/B	Rear right woofer -	Vehicles equipped with 6 speakers
28	2.0B/L	Rear right window down	

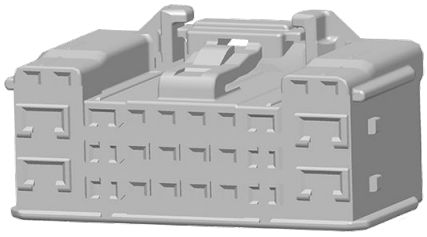
BDX55&RRX55 - ADDRESS PROPERTIES

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX55&RRX55 (page 807)

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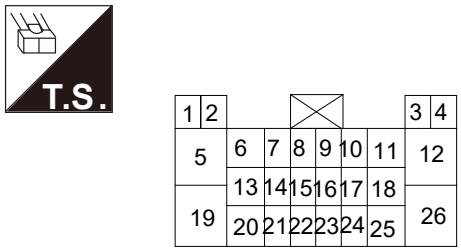
7.2.33 BDX77-1&FRX77-1

BDX77-1&FRX77-1-3D DRAWING



Connector Name	BDX77-1&FRX77-1
Connector Number	BDX77-1
Connector model	6098-8924（SUM）

BDX77-1&FRX77-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	2.0R/Y	Right front window up	
6	-	-	
7	0.35L/W	PEPS antenna 4-	
8	0.35L/B	PEPS Antenna 4+	
9	-	-	
10	-	-	
11	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
12	2.0B/W	Front right window down	
13	0.75L/W	Passenger Side Door Lock	
14	0.35R/B	Front right window switch	
15	0.35B/W	Front right power window signal ground	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	0.75Br	Passenger side door unlock	
21	-	-	
22	0.35O/W	Front right door lock half-open signal	
23	0.5G/Y	Front right woofer +	
24	0.5Y/R	Front right woofer-	
25	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
26	-	-	

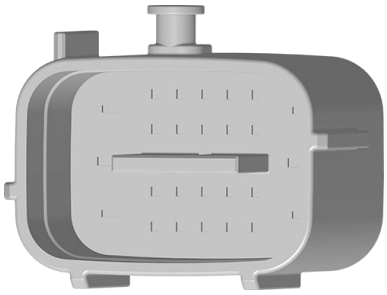
BDX77-1&FRX77-1-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.32 PEPS System Circuit Diagram (page 158)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX77-1&FRX77-1 (page 816)

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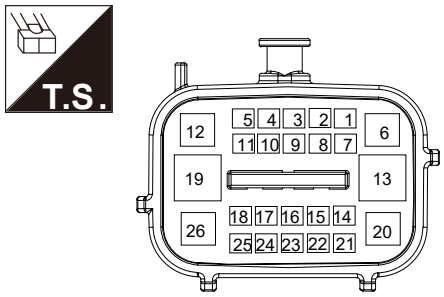
7.2.34 BDX64&REX64

BDX64&REX64-3D DRAWING



Connector Name	BDX64&REX64
Connector Number	BDX64
Connector model	6188-7132(SUM)

BDX64&REX64-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/G	PCAN-H	
2	0.35L/G	PCAN-L	
3	-	-	
4	-	-	
5	-	-	
6	0.5Y/R	Brake switch (normally open)	
7	0.35R/B	CCAN-H	
8	0.35L/B	CCAN-L	
9	0.35Y/Br	Crash Signal Input	
10	0.35O	P gear wake-up signal	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	0.35R/Y	ON2A power supply	
13	-	-	
14	0.5B/G	Accelerator pedal high-level 5V supply	
15	0.5B/L	Accelerator pedal height	
16	0.5B/V	Accelerator pedal high signal	
17	0.35R/B	CCAN-H	
18	0.35L/B	CCAN-L	
19	1.5W/R	Rear Motor Oil Pump Power	
20	0.5B/Y	Brake switch (normally closed)	
21	0.5B/Gr	Accelerator pedal low 5V supply	
22	0.5B	Accelerator pedal low ground	

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Terminal number	Wire Gauge and Color	Function	Note
23	0.5B/Br	Accelerator Pedal Low Signal	
24	0.35R/G	PCAN-H	
25	0.35L/G	PCAN-L	
26	0.5R/W	Rear electric drive power supply	

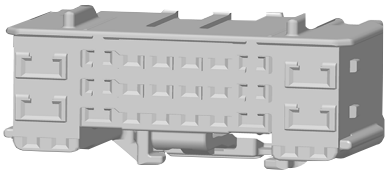
BDX64&REX64-ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.38 Combination Switch System Circuit Diagram (page 164)
Location Diagram	BDX64&REX64 (page 815)

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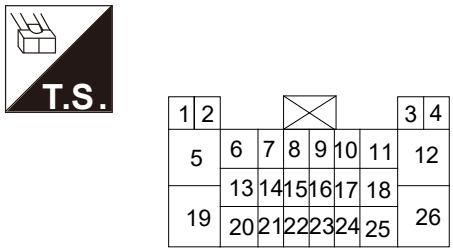
7.2.35 BDX76-1&FLX76-1

BDX76-1&FLX76-1-3D DRAWING



Connector Name	BDX76-1&FLX76-1
Connector Number	BDX76-1
Connector model	6098-8924(SUM)

BDX76-1&FLX76-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/G	Mechanical door handle request switch signal 1	
2	-	-	
3	0.35G	PEPS Antenna 2-	
4	0.35G/W	PEPS Antenna 2+	
5	2.0G	Front left power window up	
6	-	-	
7	-	-	
8	0.35R/W	Front left window switch	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35G/B	Driver-side front passenger window switch	
10	0.35B/W	Front left power window signal ground	
11	-	-	
12	2.0R/B	Left front power window down	
13	0.75L/W	Driver's door mechanical lock locking	
14	0.35W/L	Driver's side left rear window switch	
15	0.35Y/L	Driver side right rear window switch	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	0.75Br/W	Driver's door mechanical lock unlocking	

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Terminal number	Wire Gauge and Color	Function	Note
21	0.35Y/W	Driver's door lock status feedback	
22	0.35O	Front left door lock half-open signal	
23	0.5Gr/R	Left front subwoofer+	
24	0.5Gr	Left front woofer-	
25	-	-	
26	-	-	

BDX76-1&FLX76-1-ADDRESS ATTRIBUTES

Location	
	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)

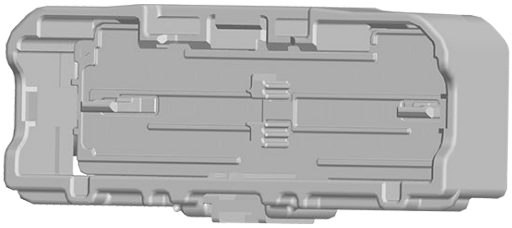
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	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.36 External Amplifier System Circuit Diagram (page 162)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	BDX76-1&FLX76-1 (page 813)

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7.2.36 BDX25&IPX25

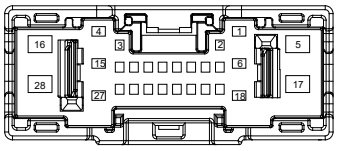
BDX25 & IPX25 - 3D DRAWING



Connector Name	BDX25&IPX25
Connector Number	BDX25
Connector model	6098-9827 Natural Color (SUM)

BDX25 & IPX25 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	0.5G/Y	Front right tweeter+	
5	-	-	
6	-	-	
7	0.5Y/R	Front passenger front airbag+	
8	0.5L/R	Front passenger front airbag -	
9	-	-	
10	-	-	
11	0.35R/B	CAN3-H	

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Terminal number	Wire Gauge and Color	Function	Note
12	0.35L/B	CAN3-L	
13	-	-	
14	-	-	
15	0.5Y/R	Front right tweeter-	
16	-	-	
17	-	-	
18	-	-	
19	0.5Br	Right curtain airbag positive	
20	0.5O	Right curtain airbag negative	
21	0.35B/W	External Amplifier A2B - Ground	Models equipped with 12 speakers
22	0.35Br/G	Wake Up External Amplifier	Model

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Terminal number	Wire Gauge and Color	Function	Note
			sequipped with 12 speakers
23	0.35R	COM-CAN-H	
24	0.35L	COM-CAN-L	
25	-	-	
26	-	-	
27	0.35G/L	Rear wiper stop switch	
28	-	-	

BDX25 & IPX25 - ADDRESS PROPERTIES

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

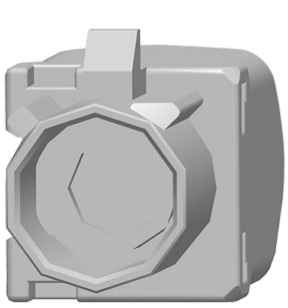
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Location Diagram	BDX25&IPX25 (page 810)

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7.2.37 BDX15&EBX15

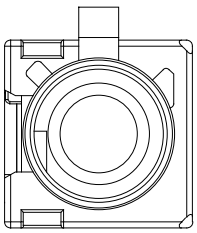
BDX15 & EBX15 - 3D DRAWING



Connector Name	BDX15&EBX15
Connector Number	BDX15
Connector model	2326914-1 TYPE A Black(TE)

BDX15&EBX15-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	

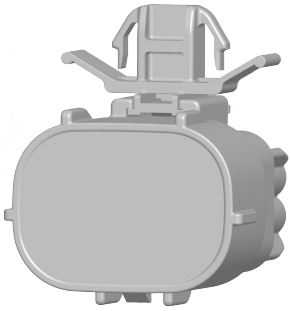
BDX15&EBX15-ADDRESS ATTRIBUTES

Location	6.1.1 Engine compartment wiring harness (page 202)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX15&BDX15 (page 835)

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7.2.38 BDX61&RBX61

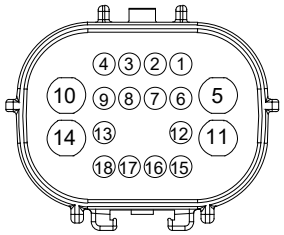
BDX61 & RBX61 – 3D DRAWING



Connector Name	BDX61&RBX61
Connector Number	BDX61
Connector model	6188-5910(SUM)

BDX61&RBX61-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/W	Ultrasonic Radar Power Supply 1	
2	0.35V/W	Ultrasonic radar power supply 2	
3	0.35Gr	Rear bumper PEPS antenna 3-	
4	0.35W/L	Ultrasonic Radar Communication 1	
5	-	-	
6	0.35B/W	Ultrasonic radar 1	
7	0.35B/G	Ultrasonic radar 2	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35Gr/B	Rear Bumper PEPS Antenna 3+	
9	0.35W/R	Ultrasonic Radar Communication 2	
10	0.5Gr	Rear fog lamp	
11	-	-	
12	0.35R/B	CAN3-H	
13	0.35R/W	CAN3-H	
14	1.0B	Grounding	Models equipped with power sunshades
14	1.0B	Grounding	Models not equipped with a power sunshade
15	0.35L/B	CAN3-L	
16	0.35R/Br	Rear Blind Spot Detection Radar Power Supply	
17	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
18	0.35L/W	CAN3-L	

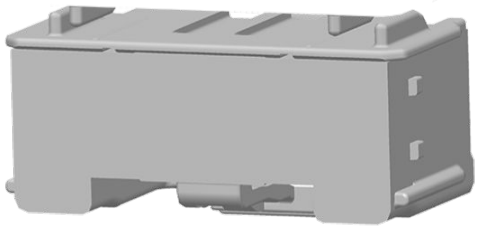
BDX61 & RBX61 - ADDRESS PROPERTIES

Location	6.2.2 Floor wiring harness (page 206)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.12 Reverse radar system (page 138)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDX61&RBX61 (page 812)

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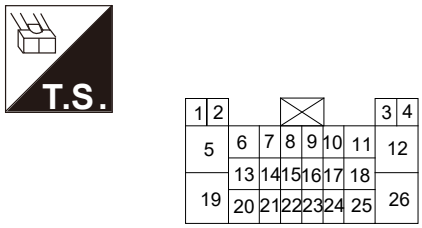
7.2.39 BDX77-2&FRX77-2

BDX77-2&FRX77-2-3D DRAWING



Connector Name	BDX77-2&FRX77-2
Connector Number	BDX77-2
Connector model	6098-8922(SUM)

BDX77-2&FRX77-2-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	0.35Y/L	Rearview mirror adjustment common terminal	
4	0.35V	Rearview mirror up/down adjustment power	
5	-	-	
6	0.75B	Grounding	
7	0.35Br/W	Turn signal power	
8	0.35O/L	Blind spot warning light power	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35W/R	Right rearview mirror heating power supply	
10	0.35Gr/L	Rearview mirror left/right adjustment power supply	
11	-	-	
12	-	-	
13	0.35P	Backlight power supply	
14	0.35W/G	Rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
15	0.35R/Y	Rearview mirror folding power	Models equipped with power-folding exterior mirrors
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
22	0.35W/L	Right pressure sensor+	
23	0.35R/L	Right side pressure sensor-	
24	-	-	
25	-	-	
26	-	-	

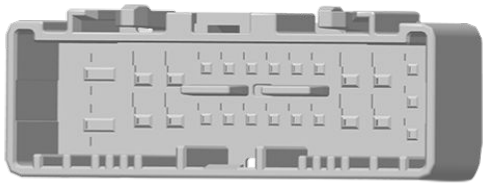
BDX77-2&FRX77-2-ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDX77-2&FRX77-2 (page 823)

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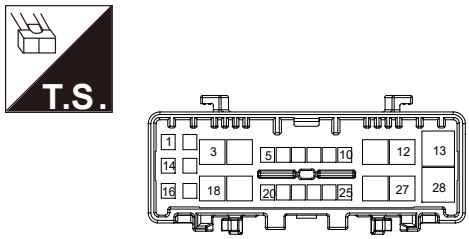
7.2.40 BDX13&EBX13

BDX13 & EBX13 – 3D DRAWING



Connector Name	BDX13&EBX13
Connector Number	BDX13
Connector model	393128024AAB(HL)

BDX13&EBX13-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	0.35Br/W	Rear right wheel speed power	
6	0.35O	Rear right wheel speed signal	
7	-	-	
8	-	-	
9	0.35Y	Pedestrian Warning Horn+	
10	0.35L	Pedestrian warning speaker	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	-	-	
13	2.5R/W	Right EPB Motor Park +/Release-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	0.35W/Y	Front left frontal crash sensor+	
22	0.35W/G	Left front frontal impact sensor -	
23	0.35W/B	Front right frontal crash sensor+	
24	0.35W/Br	Right front frontal crash sensor-	
25	-	-	
26	-	-	
27	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
28	2.5R/Y	Right EPB motor release+/park-	

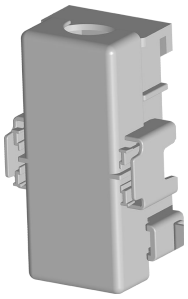
BDX13 & EBX13 - ADDRESS ATTRIBUTES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.36 External Amplifier System Circuit Diagram (page 162)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
Location Diagram	EBX13&BDX13 (page 834)

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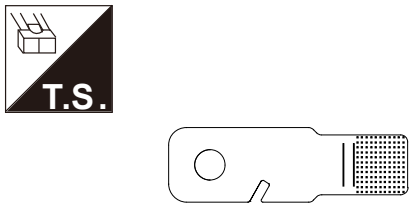
7.2.41 BDX17&EBX17

BDX17&EBX17-3D DRAWING



Connector Name	BDX17&EBX17
Connector Number	BDX17
Connector model	HK-DZ046(HK)

BDX17&EBX17-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Ground plate fuse box	

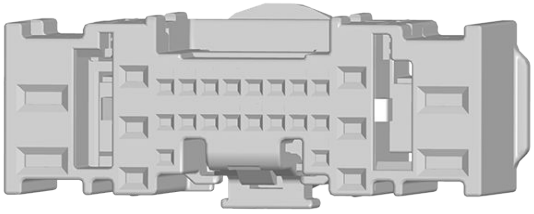
BDX17&EBX17-ADDRESS ATTRIBUTES

Location	6.1.2 Engine compartment wiring harness (page 203)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
Location Diagram	EBX17&BDX17 (page 828)

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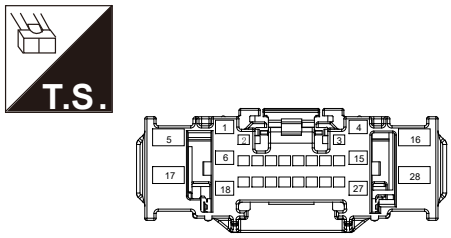
7.2.42 BDX52&RLX52

BDX52 & RLX52 - 3D DRAWING



Connector Name	BDX52&RLX52
Connector Number	BDX52
Connector model	6098-9831 Natural Color (SUM)

BDX52 & RLX52 - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Grounding	
2	-	-	
3	-	-	
4	0.75L/W	Rear left door lock latch	
5	2.0R/Y	Left rear window up	
6	0.75Br	Rear left door lock unlocking	
7	0.35P	Backlight power supply	
8	0.35W/Y	Rear left power window signal output	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35B/W	Rear left power window signal ground	
10	0.35Gr/B	Left Rear Door Lock Half-Open Signal	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.5Lg	Left Rear Woofer and Tweeter Speaker+	Models equipped with 12 speakers
15	0.5Lg	Left Rear Woofer +	Vehicles equipped with 6 speakers
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
25	-	-	
26	-	-	
27	0.5W/G	Rear left tweeter and woofer -	Models equipped with 12 speakers
27	0.5W/G	Left rear woofer -	Vehicles equipped with 6 speakers
28	2.0B/W	Rear left window down	

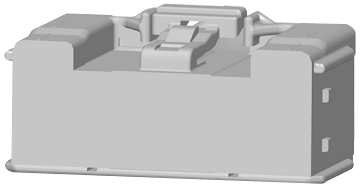
BDX52&RLX52-ADDRESS PROPERTIES

Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX52&RLX52 (page 811)

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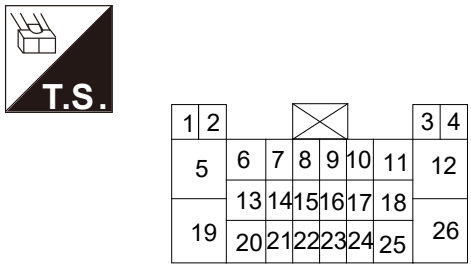
7.2.43 BDX76-2&FLX76-2

BDX76-2&FLX76-2-3D ILLUSTRATION



Connector Name	BDX76-2&FLX76-2
Connector Number	BDX76-2
Connector model	6098-8922(SUM)

BDX76-2&FLX76-2-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	0.35W	Left exterior rearview mirror adjustment common terminal	
4	0.35L/B	Left exterior mirror up/down adjustment power	
5	-	-	
6	0.75B	Grounding	
7	0.35V	Turn signal power	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35Y/B	Blind spot warning light power	
9	0.35W/R	Left exterior rearview mirror heating power supply	
10	0.35G/L	Left exterior rearview mirror glass left/right adjustment power	
11	-	-	
12	-	-	
13	0.35P	Backlight power supply	
14	0.35W/G	Left exterior rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
15	0.35R/Y	Left rearview mirror folding power	Models equipped with power-folding exterior mirrors
16	-	-	
17	-	-	
18	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
19	-	-	
20	-	-	
21	-	-	
22	0.35L/R	Left door pressure sensor+	
23	0.35Br	Left door pressure sensor-	
24	-	-	
25	-	-	
26	-	-	

BDX76-2&FLX76-2-ADDRESS ATTRIBUTES

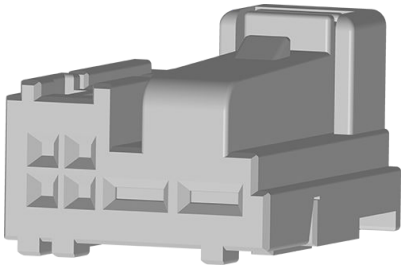
Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDX76-2&FLX76-2 (page 814)

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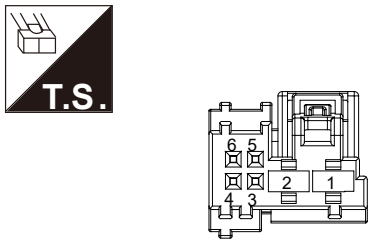
7.2.44 BY008 POWER SUNSHADE ASSEMBLY

BY008 POWER SUNSHADE ASSEMBLY-3D DRAWING



Connector Name	Electric sunshade assembly
Connector Number	BY008
Connector model	2434877-1(TE)

BY008 POWER SUNSHADE ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0R/B	Sunshade motor+	Models equipped with power liftgate
2	1.0L/B	Sunshade motor-	Models equipped with power liftgate
3	0.35W	Sunshade Hall signal 1	Models equipped with power liftgate
4	0.35B	Sunshade Hall ground	Models equipped with power liftgate
5	0.35Y	Sunshade Hall Signal 2	Models equipped with power liftgate

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Terminal number	Wire Gauge and Color	Function	Note
6	0.35R/L	Sunshade Hall power supply	Models equipped with power liftgate

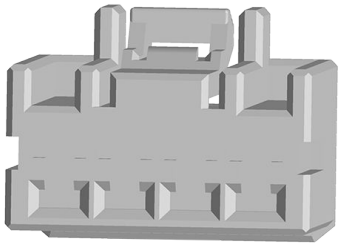
BY008 POWER SUNSHADE ASSEMBLY-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.10 Power Sunshade System Wiring Diagram (page 136)

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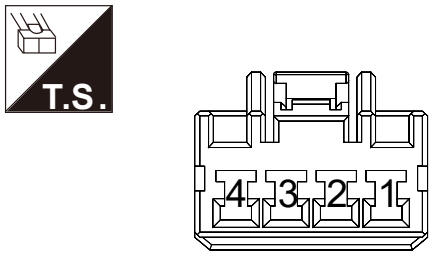
7.2.45 EL114 SUBWOOFER ASSEMBLY

EL114 SUBWOOFER ASSEMBLY-3D DRAWING



Connector Name	Subwoofer Assembly
Connector Number	EL114
Connector model	936227-1(TE)

EL114 SUBWOOFER ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75L/Y	Subwoofer 1+	Models equipped with 12 speakers
2	0.75L/W	Subwoofer 1-	Models equipped with 12 speakers
3	0.75V	Subwoofer 2+	Models equipped with 12 speakers
4	0.75V/B	Subwoofer 2-	Models equipped with 12 speakers

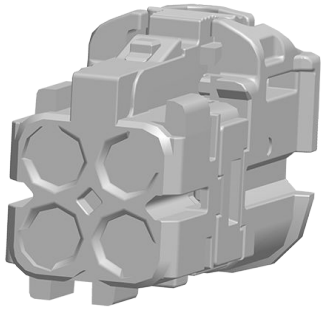
EL114 SUBWOOFER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.36 External Amplifier System Circuit Diagram (page 162)

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7.2.46 EL215-17 MULTI-DOMAIN FUSION CONTROLLER

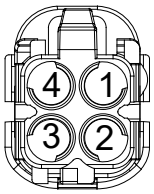
EL215-17 MULTI-DOMAIN FUSION CONTROLLER-3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-17
Connector model	2298721-1 4-in-1 TYPE-A Black (TE)

EL215-17 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	
2	-	Rear surround-view camera input	
3	-	Left Surround View Camera Input	
4	-	Right surround view camera input	

EL215-17 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

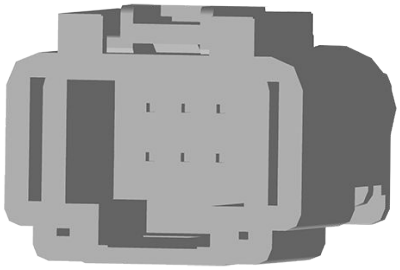
Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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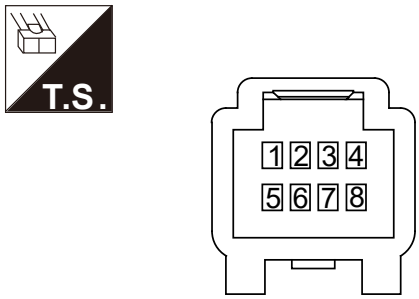
7.2.47 EL061 REAR LEFT COMBINATION LAMP AND PROTECTIVE COVER

EL061 REAR LEFT COMBINATION LAMP LIGHT STRIP COVER-3D DRAWING



Connector Name	Rear left combination lamp cover
Connector Number	EL061
Connector model	6098-5271(SUM)

EL061 REAR LEFT COMBINATION LAMP WITH COVER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/G	Left turn signal lamp fault input	
2	0.35W	Left position lamp dimming signal	
3	0.35O	Left position lamp power	
4	0.35V	Left turn signal power +	
5	-	-	
6	-	-	
7	0.75B	Grounding	
8	0.35Y	Left fixed turn signal	

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Terminal number	Wire Gauge and Color	Function	Note
		dimming signal	

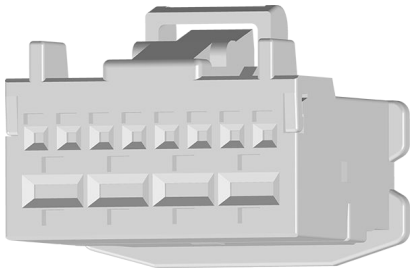
EL061 REAR LEFT COMBINATION LAMP LIGHT STRIP COVER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)

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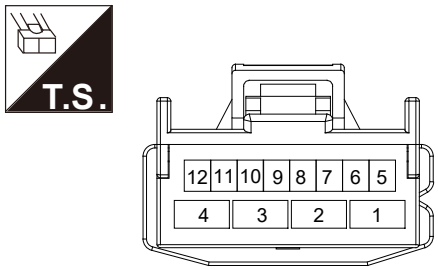
7.2.48 EL215-7 MULTI-DOMAIN FUSION CONTROLLER

EL215-7 MULTI-DOMAIN FUSION CONTROLLER-3D DIAGRAM



Connector Name	Multi-domain fusion controller
Connector Number	EL216-7
Connector model	2322347-1(TE)

EL215-7 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	2.0R/G	Amplifier power supply	
2	1.5B	Amplifier ground	
3	0.5Gr	Front left tweeter and woofer -	Vehicles equipped with 6 speakers
3	0.5W/Y	Midrange speaker-	Models equipped with 12 speakers
4	0.5Gr/R	Front left tweeter and woofer +	Vehicles equipped with 6 speakers
4	0.5L/R	Midrange speaker+	Models equipped with 12 speakers

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Terminal number	Wire Gauge and Color	Function	Note
5	0.35Y	Pedestrian Warning Horn+	
6	0.35L	Pedestrian warning speaker	
7	0.5W/G	Left rear woofer -	Vehicles equipped with 6 speakers
7	0.5L/B	Left surround speaker -	Models equipped with 12 speakers
8	0.5Lg	Left Rear Woofer +	Vehicles equipped with 6 speakers
8	0.5L/G	Left surround speaker +	Models equipped with 12 speakers
9	0.5G/Y	Front right tweeter-woofer +	Vehicles equipped with 6 speakers
10	0.5Y/R	Front right woofer and tweeter -	Vehicles equipped with 6 speakers
11	0.5O/B	Rear right woofer -	Vehicles equipped with 6 speakers

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Terminal number	Wire Gauge and Color	Function	Note
11	0.5G/B	Right surround speaker-	Models equipped with 12 speakers
12	0.5O	Right rear woofer+	Vehicles equipped with 6 speakers
12	0.5G	Right surround speaker+	Models equipped with 12 speakers

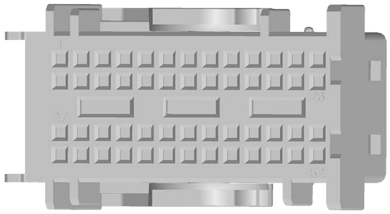
EL215-7 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.2.49 EL249-4 MAIN ZONE CONTROLLER

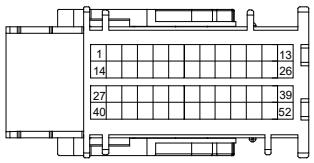
EL249-4 MAIN ZONE CONTROLLER - 3D DIAGRAM



Connector Name	Master Zone Controller
Connector Number	EL249-4
Connector model	2209477-1 Black(TE)

EL249-4 MAIN ZONE CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	0.35W/Y	Left rear window switch	
3	0.35Y/L	Driver side right rear window switch	
4	0.35O	Front left door lock half-open signal	
5	0.35L	Rear right power window switch	
6	-	-	
7	0.35W/L	Driver's side left rear window switch	

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Terminal number	Wire Gauge and Color	Function	Note
8	-	-	
9	0.35W/Br	Front right gravity sensor check	
10	0.35R/G	Second Row Left Occupant Detection	
11	0.35P	AC slow charging port L temperature detection NTC+	
12	0.35V/G	Fast Charging - Temperature Detection NTC+	
13	0.35Y/B	Second row center occupant detection	
14	0.35G/W	Front left-side gravity sensor detection	
15	-	-	
16	0.35R/B	Front right window switch	
17	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
18	0.35W/G	Left turn signal lamp fault input	
19	0.35G/O	AC slow charging port N temperature detection NTC+	
20	-	-	
21	0.35R/W	Front left window switch	
22	0.35Gr/W	Driver's seat heating pad NTC+	Models with front seat heating
23	0.35Y/V	Fast charging + temperature detection NTC+	
24	0.35Gr/Y	Front passenger heating pad NTC+	Models with front seat heating
25	0.35R/Br	Second Row Right Occupant Detection	
26	0.35G/B	Driver-side front passenger window switch	
27	0.35V	Right fixed turn signal	

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Terminal number	Wire Gauge and Color	Function	Note
		lamp dimming signal	
28	0.35Y/G	Right turn signal lamp fault input	
29	0.35Gr/B	Left Rear Door Lock Half-Open Signal	
30	0.35B/G	Tailgate exterior switch input	
31	-	-	
32	0.35W/B	Liftgate ajar detection	
33	0.35Gr	Rear right door lock half-open signal	
34	-	-	
35	-	-	
36	-	-	
37	-	-	
38	-	-	
39	0.35W	Vanity mirror lamp	
40	0.35Y	Left fixed turn signal dimming signal	

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Terminal number	Wire Gauge and Color	Function	Note
41	0.5B/W	Power window switch /Steering wheel heating temperature feedback NTC-/Seat heating NTC-/Gravity sensor ground	
42	0.35Y/W	Driver's door lock status feedback	
43	0.35L/W	Slow charging plug lock lock status	
44	-	-	
45	-	-	
46	-	-	
47	0.35O/W	Front right door lock half-open signal	
48	-	-	
49	-	-	
50	-	-	
51	-	-	
52	-	-	

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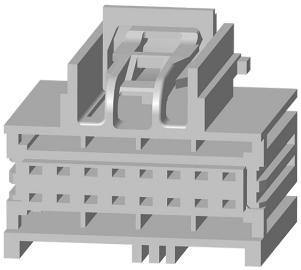
EL249-4 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.3 AC Slow Charging System (page 129)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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7.2.50 BY028-3 POWER LIFTGATE CONTROLLER

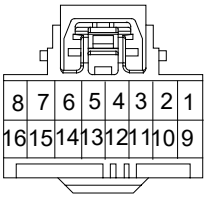
BY028-3 POWER LIFTGATE CONTROLLER - 3D DRAWING



Connector Name	Power Liftgate Controller
Connector Number	BY028-3
Connector model	7283-9076-30(YAZAKI)

BY028-3 POWER TAILGATE CONTROLLER-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	0.35B/W	Inside liftgate switch	Models equipped with power liftgate
4	-	-	
5	0.35W/B	Full lock signal	Models equipped with power liftgate
6	0.35W/R	Half latch signal	Models equipped with power liftgate
7	0.35L	COM-CAN-L	Models equipped with power liftgate

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Terminal number	Wire Gauge and Color	Function	Note
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	-	-	
14	0.35W/G	Lock reset signal	Models equipped with power liftgate
15	0.35R	COM-CAN-H	Models equipped with power liftgate
16	0.35L/B	Liftgate inside switch ground or lock signal ground	Models equipped with power liftgate

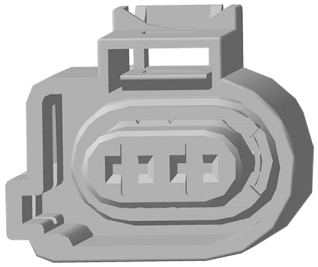
BY028-3 POWER LIFTGATE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.10 Power Sunshade System Wiring Diagram (page 136)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.30 Power Tailgate System Circuit Diagram (page 156)

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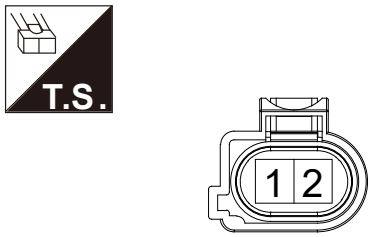
7.2.51 CH016 EPB MOTOR - RIGHT

CH016 EPB MOTOR-RIGHT-3D DRAWING



Connector Name	EPB Motor - Right
Connector Number	CH016
Connector model	HKB030130R EPB Custom Harness (HK)/2-1355200-2 EPB Custom Harness (TE)

CH016 EPB MOTOR-RIGHT-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.5R/W	Parking + / Release -	
2	2.5R/Y	Release+/Park-	

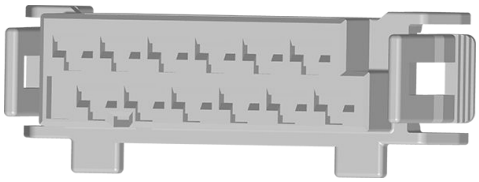
CH016 EPB MOTOR-RIGHT-ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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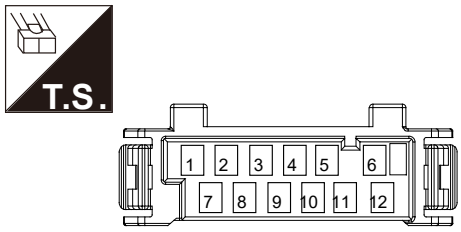
7.2.52 EL116-1 POWER AMPLIFIER

EL116-1 POWER AMPLIFIER - 3D DRAWING



Connector Name	Power amplifier
Connector Number	EL116-1
Connector model	311212058UAB(HL)

EL116-1 POWER AMPLIFIER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0R/Gr	Head Unit Power Supply 1 Input	Models equipped with 12 speakers
2	2.0B	Head unit power supply 1 ground	Models equipped with 12 speakers
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	2.0R/L	Head unit power supply 2 input	Models equipped with 12 speakers
8	2.0B	Head unit power sup	Models equipped with 12 speakers

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Terminal number	Wire Gauge and Color	Function	Note
		ply 2, Ground	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

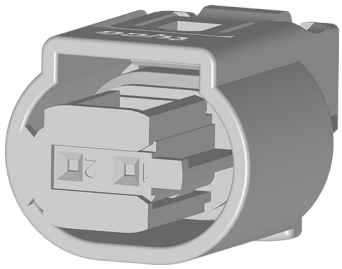
EL116-1 POWER AMPLIFIER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.36 External Amplifier System Circuit Diagram (page 162)

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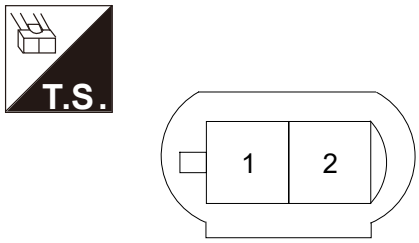
7.2.53 CH003 LEFT REAR INTELLIGENT WHEEL SPEED SENSOR

CH003 LEFT REAR INTELLIGENT WHEEL SPEED SENSOR - 3D DRAWING



Connector Name	Left rear smart wheel speed sensor
Connector Number	CH003
Connector model	1-967644-1(TE)

CH003 LEFT REAR INTELLIGENT WHEEL SPEED SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/G	Left rear wheel speed signal	
2	0.35Lg/R	Left Rear Wheel Speed Power Supply	

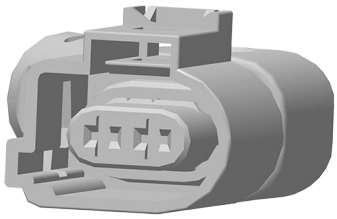
CH003 LEFT REAR INTELLIGENT WHEEL SPEED SENSOR - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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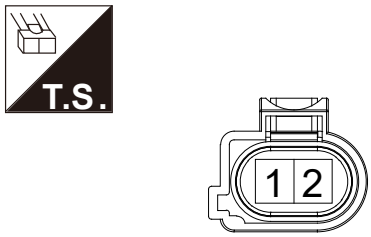
7.2.54 CH015 EPB MOTOR - LEFT

CH015 EPB MOTOR-LEFT-3D VIEW



Connector Name	EPB Motor - Left
Connector Number	CH015
Connector model	HKB030130L EPB custom wire (HK)/2-1355200-2 EPB custom wire (TE)

CH015 EPB MOTOR-LEFT-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.5R/L	Parking + / Release -	
2	2.5R/G	Release+/Park-	

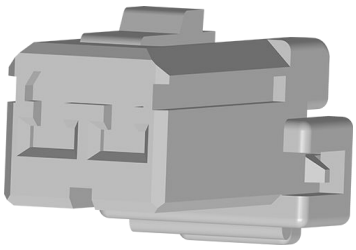
CH015 EPB MOTOR - LEFT - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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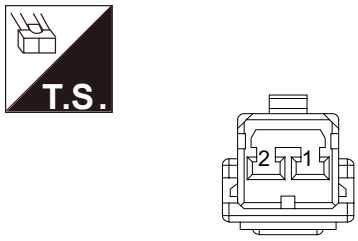
7.2.55 EL112 REAR RIGHT MIDRANGE SPEAKER ASSEMBLY

EL112 REAR RIGHT MIDRANGE SPEAKER ASSEMBLY-3D DRAWING



Connector Name	Rear right midrange speaker assembly
Connector Number	EL112
Connector model	174463-1(TE)

EL112 REAR RIGHT MIDRANGE SPEAKER ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5G	Rear right midrange speaker+	Models equipped with 12 speakers
2	0.5G/B	Rear right midrange speaker-	Models equipped with 12 speakers

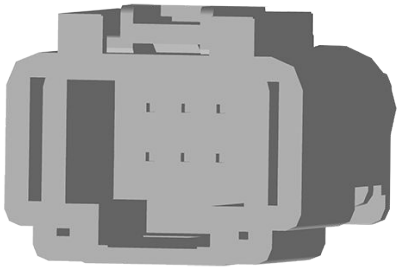
EL112 REAR RIGHT MIDRANGE SPEAKER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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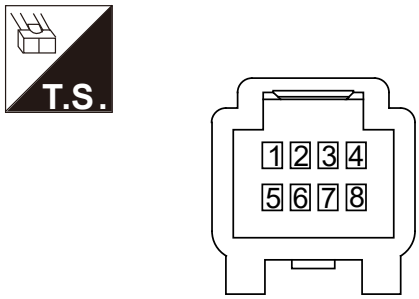
7.2.56 EL062 REAR RIGHT COMBINATION LAMP TRIM

EL062 REAR RIGHT COMBINATION LAMP STRIP COVER - 3D DRAWING



Connector Name	Rear right combination lamp garnish
Connector Number	EL062
Connector model	6098-5271(SUM)

EL062 RIGHT REAR COMBINATION LAMP WITH COVER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/G	Right turn signal lamp fault input	
2	0.35W	Vanity mirror lamp power supply	
3	0.35Lg	Right position lamp power supply	
4	0.35Br/W	Right turn signal power +	
5	-	-	
6	-	-	
7	0.5B	Grounding	
8	0.35V	Right fixed turn signal	

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Terminal number	Wire Gauge and Color	Function	Note
		lamp dimming signal	

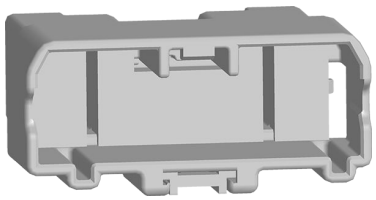
EL062 REAR RIGHT COMBINATION LAMP LIGHT STRIP COVER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)

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7.2.57 EL247 TRAILER HITCH WIRING HARNESS INTERFACE

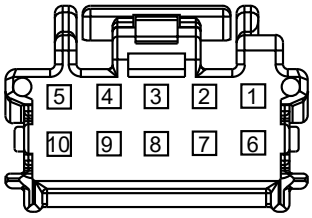
EL247 TRAILER HITCH WIRING HARNESS INTERFACE - 3D DRAWING



Connector Name	Tow hook wiring harness connector
Connector Number	EL247
Connector model	6098-7346(SUM)

EL247 TRAILER HITCH WIRING HARNESS INTERFACE - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	1.5R/B	Power supply 1	
2	0.35W	Wake-up signal	
3	0.35L	COM-CAN-L	
4	-	-	
5	1.5B	Ground 1	
6	1.5R/W	Power 2	
7	-	-	
8	0.35R	COM-CAN-H	
9	-	-	
10	1.5B	Grounding 2	

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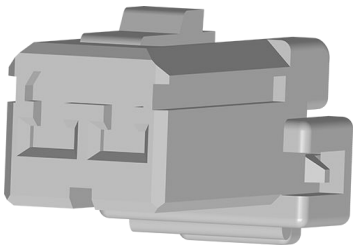
EL247 TRAILER HITCH WIRING HARNESS INTERFACE - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)

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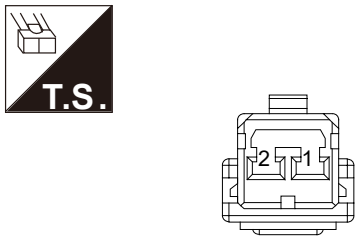
7.2.58 EL111 REAR LEFT MIDRANGE SPEAKER ASSEMBLY

EL111 REAR LEFT MIDRANGE SPEAKER ASSEMBLY - 3D DRAWING



Connector Name	Rear left midrange speaker assembly
Connector Number	EL111
Connector model	174463-1(TE)

EL111 REAR LEFT MIDRANGE SPEAKER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5L/G	Rear left midrange speaker+	Models equipped with 12 speakers
2	0.5L/B	Rear left midrange speaker-	Models equipped with 12 speakers

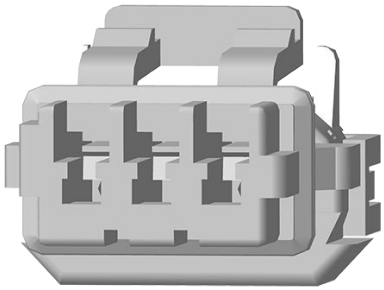
EL111 REAR LEFT MID-RANGE SPEAKER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.2.59 EL067 TRUNK LIGHT

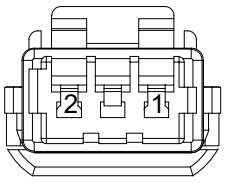
EL067 TRUNK LIGHT-3D VIEW



Connector Name	Trunk light
Connector Number	EL067
Connector model	52117-0241(MOLEX)

EL067 - TRUNK LIGHT - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Grounding	
2	0.35W	Power	

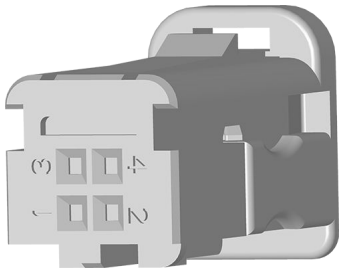
EL067 TRUNK LIGHT - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)

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7.2.60 EL215-10 MULTI-DOMAIN FUSION CONTROLLER

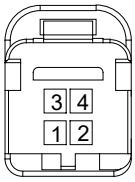
EL215-10 MULTI-DOMAIN FUSION CONTROLLER - 3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-10
Connector model	2320004-1 Ethernet Connector (TE)

EL215-10 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W	AD2428_BNOUT	Models equipped with 12 speakers
2	0.35B/W	AD2428_GND1	Models equipped with 12 speakers
3	0.35Y	AD2428_BPOUT	Models equipped with 12 speakers
4	-	-	

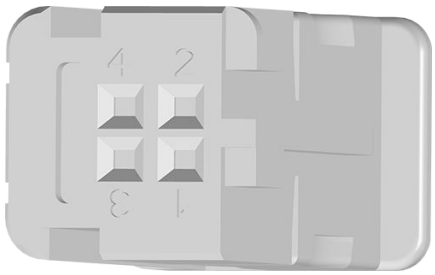
EL215-10 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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7.2.61 EL116-2 POWER AMPLIFIER

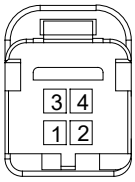
EL116-2 POWER AMPLIFIER - 3D DRAWING



Connector Name	Power amplifier
Connector Number	EL116-2
Connector model	2320004-1 Ethernet Connector (TE)

EL116-2 POWER AMPLIFIER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W	A2B BN	Models equipped with 12 speakers
2	0.35B/W	Grounding	Models equipped with 13 speakers
3	0.35Y	A2B BP	Models with 14 speakers
4	0.35Br/G	DSP Wake-up Input	Models equipped with 15 speakers

EL116-2 POWER AMPLIFIER-ADDRESS ATTRIBUTE

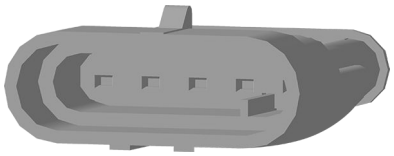
Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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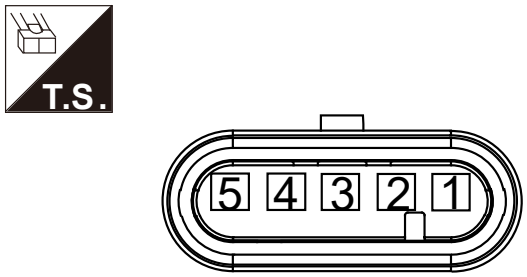
7.2.62 EL232 ALCOLOCK INTERFACE

EL232 ALCOLOCK INTERFACE - 3D DRAWING



Connector Name	Alcolock interface
Connector Number	EL232
Connector model	282107-1(TE)

EL232 ALCOLOCK INTERFACE - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/W	Start signal request	
2	0.35Lg	Start signal output	
3	0.35R/W	ON2C Power	
4	0.5B	Grounding	
5	0.5R/L	Constant power	

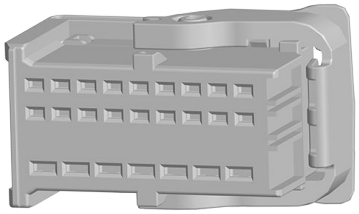
EL232 ALCOLOCK INTERFACE - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.46 Alcolock Controller Circuit Diagram (page 172)

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7.2.63 EL249-3 MAIN ZONE CONTROLLER

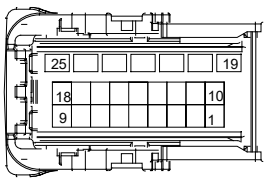
EL249-3 MAIN ZONE CONTROLLER - 3D DIAGRAM



Connector Name	Master Zone Controller
Connector Number	EL249-3
Connector model	1-2359439-2(TE)

EL249-3 MAIN ZONE CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	0.35O	Left rear position lamp power	
5	0.5O/B	Reversing lamp	
6	0.5R/G	Front left/right seat ventilation fan power	Models equipped with front seat ventilation
7	0.35Lg	Right position lamp power supply	
8	0.5Gr	Rear fog lamp	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35R/W	Left brake lamp power supply	
10	-	-	
11	0.35G/L	Left rearview mirror left-right adjustment output	
12	0.35L/B	Left rearview mirror vertical adjustment output	
13	0.35Y/L	Right rearview mirror adjustment common terminal	
14	0.35W	Left exterior rearview mirror adjustment common terminal	
15	0.35V	Right rearview mirror vertical adjustment output	
16	0.35Gr/L	Right exterior rearview mirror left/right adj	

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Terminal number	Wire Gauge and Color	Function	Note
		ustment output	
17	0.75G/W	Tailgate unlock	Models not equipped with a power liftgate
18	0.35W/R	Rearview mirror heating output	
19	0.75R	Rear wiper output	
20	2.0R/Y	Right front window up	
21	2.0B/W	Front right window down	
22	2.0R/L	Rear right window up	
23	2.0B/L	Rear right window down	
24	0.75R/W	Front passenger seat heating	Models with front seat heating
25	0.75R/B	Driver's seat heating	Models with front seat heating

EL249-3 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

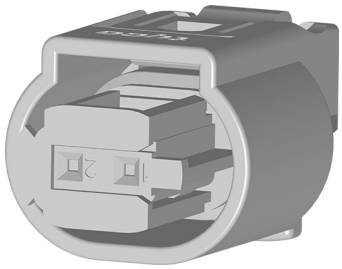
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	4.17 Power Window System (page 143)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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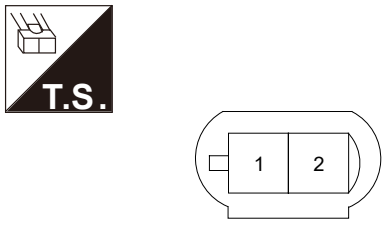
7.2.64 CH004 REAR RIGHT INTELLIGENT WHEEL SPEED SENSOR

CH004 RIGHT REAR INTELLIGENT WHEEL SPEED SENSOR - 3D DIAGRAM



Connector Name	Rear right intelligent wheel s peed sensor
Connector Number	CH004
Connector model	1-967644-1(TE)

CH004 RIGHT REAR INTELLIGENT WHEEL SPEED SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O	Rear right wheel speed signal	
2	0.35Br/W	Rear right wheel speed power	

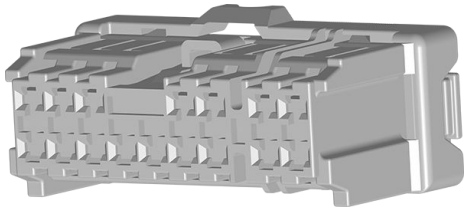
CH004 RIGHT REAR INTELLIGENT WHEEL SPEED SENSOR - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.6 Electronic Stability Control System Wiring Diagram (page 132)

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7.2.65 EL116-3 POWER AMPLIFIER

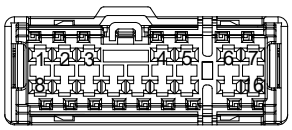
EL116-3 POWER AMPLIFIER - 3D DRAWING



Connector Name	Power amplifier
Connector Number	EL116-3
Connector model	309216015AAW(HL)

EL116-3 POWER AMPLIFIER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Lg	Left Rear Woofer and Tweeter Speaker+	Models equipped with 12 speakers
2	0.5W/G	Rear left tweeter and woofer -	Models equipped with 12 speakers
3	0.5G/Y	Front right tweeter-woofer +	Models equipped with 12 speakers
4	0.75V/B	Subwoofer 2-	Models equipped with 12 speakers
5	-	-	
6	-	-	
7	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.5O	Rear right woofer and tweeter+	Models equipped with 12 speakers
9	0.5O/B	Rear right tweeter and woofer-	Models equipped with 12 speakers
10	0.5Y/R	Front right woofer and tweeter -	Models equipped with 12 speakers
11	0.5Gr/R	Front left tweeter and woofer +	Models equipped with 12 speakers
12	0.5Gr	Front left tweeter and woofer -	Models equipped with 12 speakers
13	0.75V	Subwoofer 2+	Models equipped with 12 speakers
14	-	-	
15	0.75L/Y	Subwoofer 1+	Models equipped with 12 speakers
16	0.75L/W	Subwoofer 1-	Models equipped with 12 speakers

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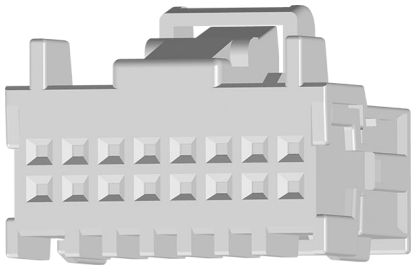
EL116-3 POWER AMPLIFIER - ADDRESS PROPERTY

Location	6.2.2 Floor wiring harness (page 206)
System	4.36 External Amplifier System Circuit Diagram (page 162)

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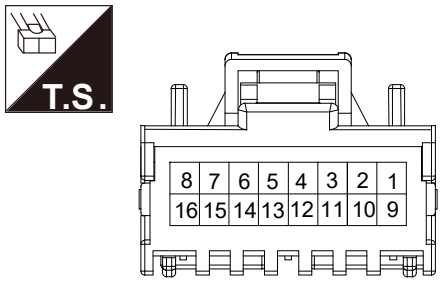
7.2.66 EL215-6 MULTI-DOMAIN FUSION CONTROLLER

EL215-6 MULTI-DOMAIN FUSION CONTROLLER - 3D DIAGRAM



Connector Name	Multi-domain fusion controller
Connector Number	EL216-6
Connector model	2301695-2(TE)

EL215-6 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/B	ON1-A Output	
2	0.35W	ON1-B Output	
3	0.35R/Y	ON2A power supply	
4	0.35O/W	Ultrasonic Radar Power Supply 1	
5	0.35V/W	Ultrasonic radar power supply 2	
6	-	-	
7	0.35P	Ambient light power supply+	
8	0.35B/Y	Ambient light power supply -	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35G	ON2-B Relay Control	
10	0.35W/G	ON3 Relay Control	
11	0.35W/B	BSD radar relay control	
12	-	-	
13	0.35Y/R	ON2-C Relay Control	
14	0.35O	AC charging input (Wake-up)	
15	0.35O/B	Fast charging input (Wake-up)	
16	-	-	

EL215-6 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)

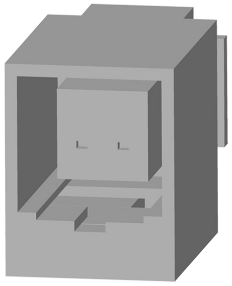
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4.34 Blind Spot Detection System Circuit Diagram (page 160)
4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)
4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
4.42 Panoramic Parking System Wiring Diagram (page 168)
4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)
4.46 Alcolock Controller Circuit Diagram (page 172)
4.1 Airbag Control System Wiring Diagram (page 127)
4.2 BMS Battery Management and DC Fast Charging System (page 128)
4.3 AC Slow Charging System (page 129)
4.7 Charging Protocol Converter Circuit Diagram (page 133)
4.8 Rear Motor Control System Wiring Diagram (page 134)
4.9 Wiper and Washer System Wiring Diagram (page 135)
4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)
4.12 Reverse radar system (page 138)
4.13 Headlamp system circuit diagram (page 139)
4.14 Main Zone Controller System Circuit Diagram (page 140)
4.15 Interior Lighting System Wiring Diagram (page 141)
4.16 Thermal Management Controller System Circuit Diagram (page 142)
4.17 Power Window System (page 143)
4.19 Backup Power Supply Circuit Diagram (page 145)
4.21 Two-in-One Power Supply System Circuit Diagram (page 147)

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7.2.67 TR006 FRONT LEFT AIRBAG ASSEMBLY

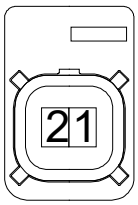
TR006 FRONT LEFT AIRBAG ASSEMBLY - 3D DRAWING



Connector Name	Front left side airbag assembly
Connector Number	TR006
Connector model	SABRB-02-1A-Y Yellow(JST)

TR006 FRONT LEFT SIDE AIRBAG ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/R	Front left airbag	
2	0.35G/B	Front left airbag negative	

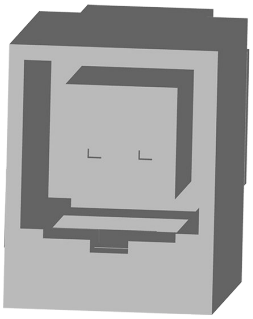
TR006 FRONT LEFT AIRBAG ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.68 TR007 FRONT RIGHT AIRBAG ASSEMBLY

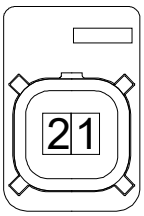
TR007 FRONT RIGHT AIRBAG ASSEMBLY - 3D DRAWING



Connector Name	Front Right Side Airbag Assembly
Connector Number	TR007
Connector model	SABRB-02-1A-Y Yellow(JST)

TR007 FRONT RIGHT SIDE AIRBAG ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35L/W	Front right airbag normal	
2	0.35L/Y	Front right airbag negative	

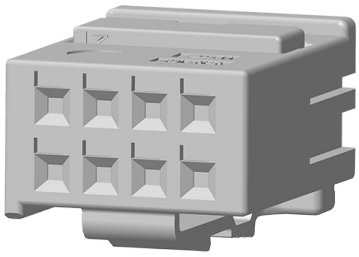
TR007 FRONT RIGHT AIRBAG ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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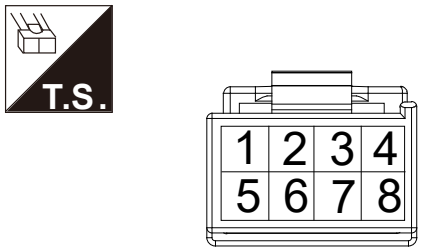
7.2.69 TR037 REAR SEATS

TR037 REAR SEAT - 3D VIEW



Connector Name	Rear seats
Connector Number	TR037
Connector model	302208042RAW(HL)

TR037 REAR SEATS - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/G	Rear Left SBR+	
2	0.35R/Br	Rear right SBR+	
3	0.35Y/B	Rear center SBR+	
4	-	-	
5	0.35B/W	Rear left SBR-	
6	0.35B/W	Rear right SBR-	
7	0.35B/W	Rear center SBR-	
8	-	-	

TR037 REAR SEAT - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)

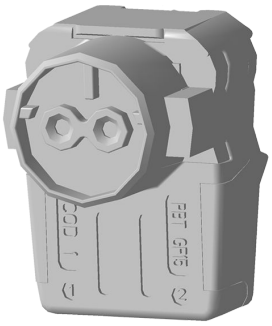
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System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.2.70 TR020 REAR LEFT SEAT BELT PRETENSIONER

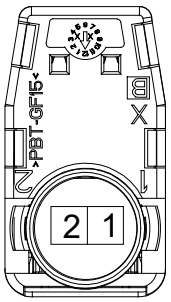
TR020 REAR LEFT SEAT BELT PRETENSIONER-3D DRAWING



Connector Name	Rear left seat belt pretensioner
Connector Number	TR020
Connector model	13672195(DELPHI)

TR020 REAR LEFT SEAT BELT PRETENSIONER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Gr	Rear left seat belt pretensioner +	
2	0.5Y/B	Rear left seat belt pretensioner-	

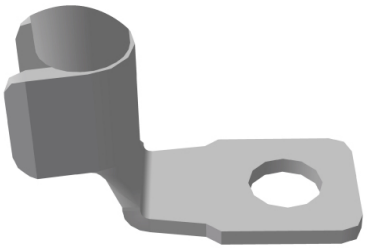
TR020 REAR LEFT SEAT BELT PRETENSIONER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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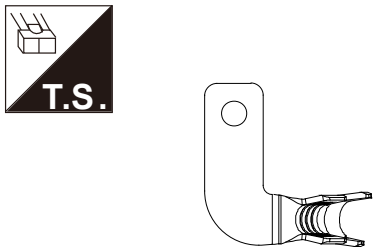
7.2.71 PD03-3 GROUND PLATE FUSE BOX

PD03-3 GROUND PLATE FUSE BOX - 3D DRAWING



Connector Name	Ground plate fuse box
Connector Number	PD03-3
Connector model	HK-DZ111(HK)

PD03-3 GROUND PLATE FUSE BOX - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Ground plate fuse box	

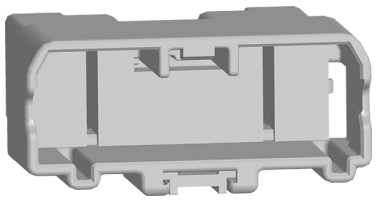
PD03-3 GROUND PLATE FUSE BOX-ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	2.8 Floor Fuse Box Power Distribution (page 76)

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7.2.72 EL249-7 MAIN ZONE CONTROLLER

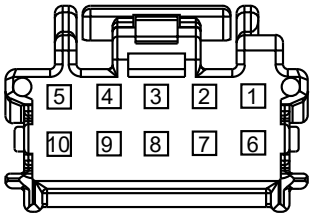
EL249-7 MAIN ZONE CONTROLLER-3D VIEW



Connector Name	Master Zone Controller
Connector Number	EL249-7
Connector model	953122-1(TE)

EL249-7 MAIN ZONE CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35V	Center PEPS antenna 1-	
2	0.35V/B	Center PEPS antenna 1+	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	0.35G	PEPS Antenna 2-	

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Terminal number	Wire Gauge and Color	Function	Note
12	0.35G/W	PEPS Antenna 2+	
13	-	-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	0.35Y/G	Driver's door button signal	
21	-	-	
22	-	-	
23	-	-	
24	0.35L/W	PEPS antenna 4-	
25	0.35L/B	PEPS Antenna 4+	
26	-	-	
27	-	-	
28	-	-	
29	-	-	
30	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
31	0.35Gr	Rear bumper PEPS antenna 3-	
32	0.35Gr/B	Rear Bumper PEPS Antenna 3+	
33	0.35W	Rear right vanity mirror lamp	
34	-	-	
35	-	-	
36	-	-	
37	-	-	
38	-	-	
39	-	-	
40	-	-	

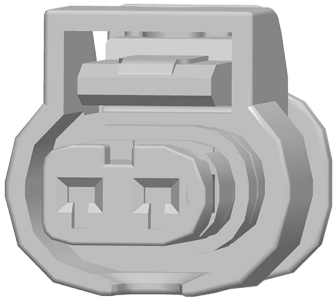
EL249-7 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTES

Location	6.2.2 Floor wiring harness (page 206)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)

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7.2.73 TR013 RIGHT CRASH SENSOR ASSEMBLY

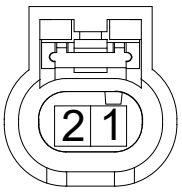
TR013 RIGHT CRASH SENSOR ASSEMBLY - 3D DRAWING



Connector Name	Right impact sensor assembly
Connector Number	TR013
Connector model	805-120-522(Hirschmann)

TR013 RIGHT SIDE IMPACT SENSOR ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/W	Right B-pillar acceleration sensor +	
2	0.35Y/B	Right B-pillar acceleration sensor -	

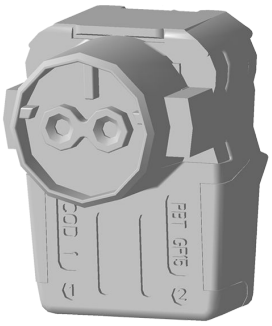
TR013 RIGHT SIDE CRASH SENSOR ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.74 TR021 REAR RIGHT SEAT BELT PRETENSIONER

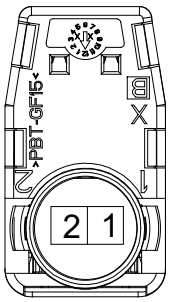
TR021 REAR RIGHT SEAT BELT PRETENSIONER - 3D DRAWING



Connector Name	Rear right seat belt pretensioner
Connector Number	TR021
Connector model	13672195(DELPHI)

TR037 REAR RIGHT SEAT BELT PRETENSIONER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Y	Rear right seat belt pretensioner+	
2	0.5B/Y	Rear right seat belt pretensioner-	

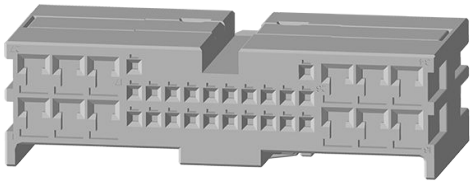
TR021 REAR RIGHT SEAT BELT PRETENSIONER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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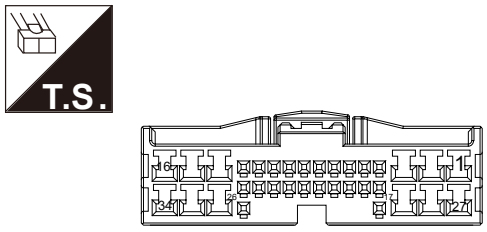
7.2.75 TR035 DRIVER'S SEAT CONNECTOR

TR035 DRIVER'S SEAT CONNECTOR-3D DRAWING



Connector Name	Driver's seat connector
Connector Number	TR035
Connector model	2005431-1(TE)

TR035 DRIVER'S SEAT CONNECTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	0.35Gr/W	Driver's seat heating pad NTC+	Models with front seat heating

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Terminal number	Wire Gauge and Color	Function	Note
13	0.35B/W	Driver's seat heating pad NTC-	Models with front seat heating
14	0.75R/B	Driver's seat heating pad+	Models with front seat heating
15	-	-	
16	-	-	
17	-	-	
18	0.35W/G	Driver's fan PWM (backrest)	Models equipped with front seat ventilation
19	0.5R/G	Driver fan power supply	Models equipped with front seat ventilation
20	0.35R/B	Driver's Lumbar Support Power Supply	Models equipped with power front seat adjustment
21	0.35B	Driver's lumbar support ground	Models equipped with power front seat adjustment
22	-	-	
23	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
24	0.35L/G	Driver's buckle+	
25	0.35B	Driver's seat belt buckle-	
26	0.35G/B	Driver's fan PWM (cushion)	Models equipped with front seat ventilation
27	-	-	
28	-	-	
29	2.5R/Y	Driver's seat 6-way power adjustment	Models equipped with power front seat adjustment
30	0.35G/W	Driver's SBR+	
31	0.35B/W	Driver's SBR-	
32	2.5B	Driver's seat 6-way adjustment grounding	Models equipped with power front seat adjustment
33	1.0W	Driver's seat heating and ventilation	Models equipped with front seat ventilation and heating
34	-	-	

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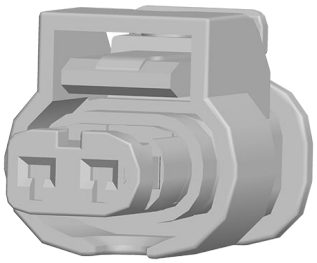
TR035 DRIVER'S SEAT CONNECTOR - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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7.2.76 TR012 LEFT SIDE IMPACT SENSOR ASSEMBLY

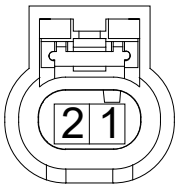
TR012 LEFT CRASH SENSOR ASSEMBLY-3D DRAWING



Connector Name	Left impact sensor assembly
Connector Number	TR012
Connector model	805-120-522(Hirschmann)

TR012 LEFT CRASH SENSOR ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/G	Left B-pillar acceleration sensor+	
2	0.35Y/L	Left B-pillar acceleration sensor-	

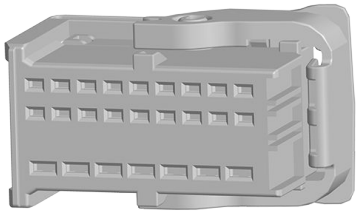
TR012 LEFT IMPACT SENSOR ASSEMBLY-ADDRESS ATTRIBUTE

	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.77 EL249-6 MAIN ZONE CONTROLLER

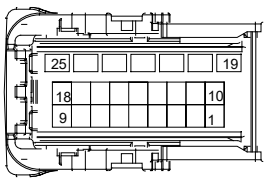
EL249-6 MAIN ZONE CONTROLLER - 3D DIAGRAM



Connector Name	Master Zone Controller
Connector Number	EL249-6
Connector model	1-2359439-1

EL249-6 MAIN ZONE CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.75L/W	Driver's door mechanical lock locking	
2	0.75R/B	Front Wash Output+	
3	0.75G/W	Front washer output-	
4	0.5G/B	Slow charging plug lock release	
5	0.5W/B	Slow charging plug lock	
6	0.35W/G	Rearview mirror unfold output	Models equipped with power-folding exterior mirrors

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Terminal number	Wire Gauge and Color	Function	Note
7	0.35R/Y	Rearview mirror fold output	Models equipped with power-folding exterior mirrors
8	0.75Br/W	Right fixed turn signal lamp power supply	
9	0.75V	Left fixed turn signal power supply	
10	1.5Gr	Front wiper low speed output	
11	0.75Br/W	Driver's door mechanical lock unlocking	
12	0.35Y/B	Left side blind spot warning light	
13	0.35W	Trunk lamp	
14	0.35Y	Combination Switch & Multifunction Steering Wheel Button Power Supply	
15	0.5R/L	License plate light	

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Terminal number	Wire Gauge and Color	Function	Note
16	0.35Y/P	High-mounted brake lamp	
17	-	-	
18	0.75G/L	Steering wheel heating output	Models equipped with steering wheel heating
19	2.0L	Front wiper high speed output	
20	1.5L/W	Passenger Side Door Lock	
21	2.0R/Y	Left rear window up	
22	1.5Br	Passenger side door unlock	
23	2.0B/W	Rear left window down	
24	2.0G	Front left power window up	
25	2.0R/B	Left front power window down	

EL249-6 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)

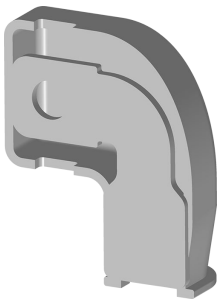
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System	4.3 AC Slow Charging System (page 129)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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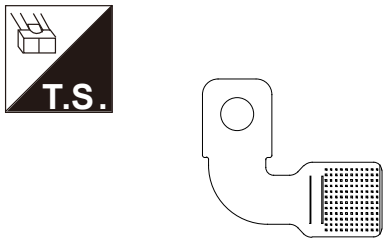
7.2.78 PD03-2 FLOOR FUSE BOX (DCDC+)

PD03-2 FLOOR FUSE BOX (DCDC+) - 3D VIEW



Connector Name	Floor fuse box (DCDC+)
Connector Number	PD03-2
Connector model	HK-DZ113(HK)

PD03-2 FLOOR FUSE BOX (DCDC+) - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	25.0R	Connect to DCDC+ of the 2-in-1 power supply assembly	

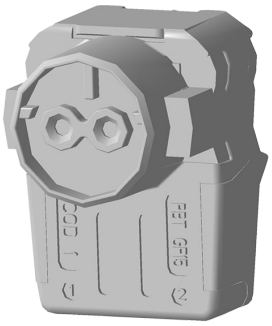
PD03-2 FLOOR FUSE BOX (DCDC+) - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	2.8 Floor Fuse Box Power Distribution (page 76)

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7.2.79 TR018 FRONT LEFT SEAT BELT SECOND STAGE PRETENSIONER

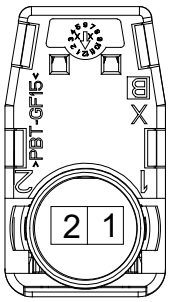
TR018 FRONT LEFT SEAT BELT SECOND-STAGE PRETENSIONER - 3D DRAWING



Connector Name	Front left seat belt second-stage pretensioner
Connector Number	TR018
Connector model	13672195(DELPHI)

TR016 FRONT LEFT SEAT BELT SECOND-STAGE PRETENSIONER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5P	Driver Lap Belt Pretensioner	
2	0.5W/R	Driver lap belt pretensioner-	

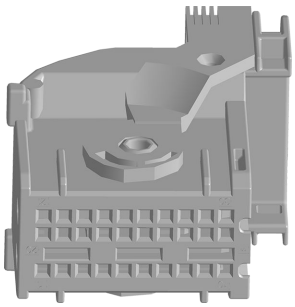
TR016 FRONT LEFT SEAT BELT SECOND-STAGE PRETENSIONER - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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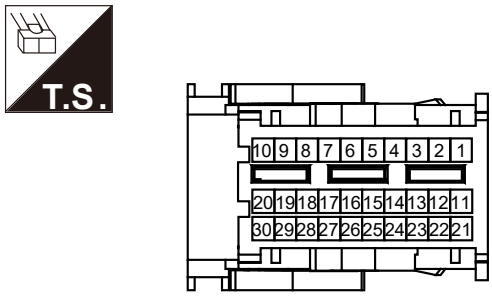
7.2.80 TR004-2 AIRBAG CONTROL MODULE ASSEMBLY

TR004-2 AIRBAG CONTROL MODULE ASSEMBLY - 3D DRAWING



Connector Name	Airbag control module assembly
Connector Number	TR004-2
Connector model	35561524(DELPHI)

TR004-2 AIRBAG CONTROL MODULE ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	0.35R/L	Right side pressure sensor-	
4	0.35W/L	Right pressure sensor +	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
13	0.35Br	Left door pressure sensor-	
14	0.35L/R	Left door pressure sensor+	
15	0.5P	Driver Lap Belt Pretensioner	
16	0.5W/R	Driver lap belt pretensioner-	
17	0.5G/W	Front passenger lap belt pretensioner-	
18	0.5Y	Front passenger lap belt pretensioner+	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	
27	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
28	-	-	
29	-	-	
30	-	-	

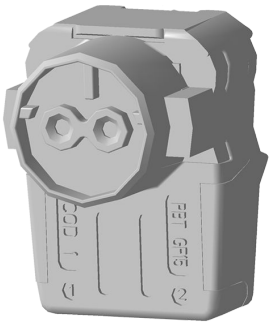
TR004-2 AIRBAG CONTROL MODULE ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.81 TR016 FRONT LEFT SEAT BELT PRETENSIONER

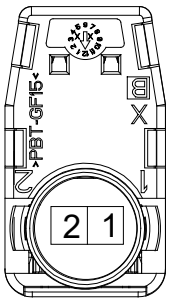
TR016 FRONT LEFT SEAT BELT PRETENSIONER - 3D VIEW



Connector Name	Front left seat belt pretensio ner
Connector Number	TR016
Connector model	13672195(DELPHI)

TR016 FRONT LEFT SEAT BELT PRETENSIONER-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5O	Driver's primary seat belt pretensioner+	
2	0.5G/B	Driver first-level seat belt pretensioner -	

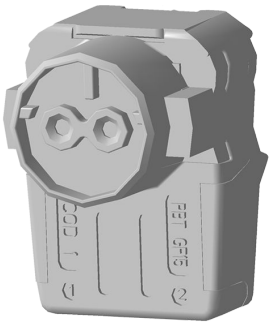
TR016 FRONT LEFT SEAT BELT PRETENSIONER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.82 TR019 FRONT RIGHT SEAT BELT SECOND-STAGE PRETENSIONER

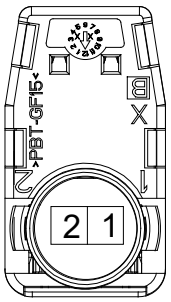
TR019 FRONT RIGHT SEAT BELT SECOND-STAGE PRETENSIONER - 3D DRAWING



Connector Name	Front right seat belt second-stage pretensioner
Connector Number	TR019
Connector model	13672195(DELPHI)

TR019 FRONT RIGHT SEAT BELT SECOND-STAGE PRETENSIONER - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Y	Front passenger lap belt pretensioner+	
2	0.5G/W	Front passenger lap belt pretensioner-	

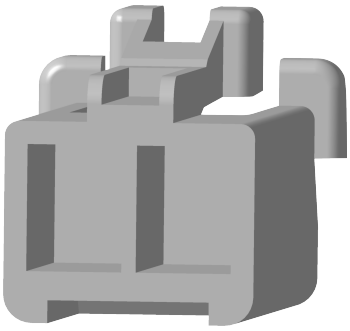
TR019 FRONT RIGHT SEAT BELT SECOND-STAGE PRETENSIONER - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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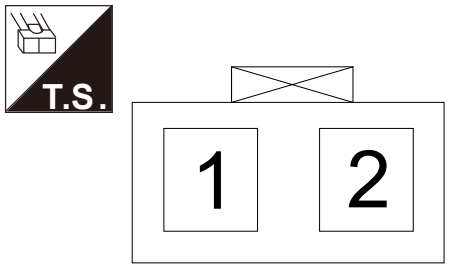
7.2.83 TR024 REAR SINGLE LATCH ASSEMBLY

TR024 REAR SINGLE LATCH ASSEMBLY-3D DRAWING



Connector Name	Rear single latch assembly
Connector Number	TR024
Connector model	MG610489(KET)

TR024 REAR SINGLE LATCH ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Br/R	Second row left seat belt buckle switch	
2	0.35B	Grounding	

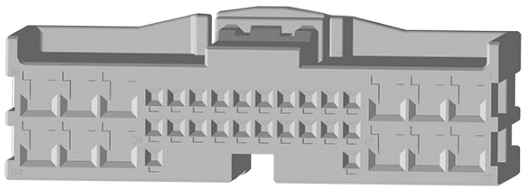
TR024 REAR SINGLE LATCH ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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7.2.84 TR036 FRONT PASSENGER'S SEAT CONNECTOR

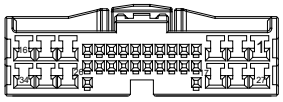
TR036 FRONT PASSENGER SEAT CONNECTOR - 3D DRAWING



Connector Name	Front passenger seat connector
Connector Number	TR036
Connector model	2005431-1(TE)

TR036 FRONT PASSENGER'S SEAT CONNECTOR-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	0.35Gr/Y	Front passenger heating pad NTC+	Models with front seat heating

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Terminal number	Wire Gauge and Color	Function	Note
13	0.35B/W	Front passenger heating pad NTC-	Models with front seat heating
14	0.75R/W	Front passenger heating pad+	Models with front seat heating
15	-	-	
16	-	-	
17	-	-	
18	0.35W/Y	Front passenger fan PWM (backrest)	Models equipped with front seat ventilation
19	0.5R/G	Front passenger fan power supply	Models equipped with front seat ventilation
20	0.35R/B	Front passenger lumbar support power supply	Models equipped with power front seat adjustment
21	0.35B	Front passenger lumbar support grounding	Models equipped with power front seat adjustment
22	-	-	
23	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
24	0.35G/W	Front passenger buckle +	
25	0.35B	Front passenger seat belt buckle -	
26	0.35G/Br	Front passenger fan PWM (seat cushion)	Models equipped with front seat ventilation
27	-	-	
28	-	-	
29	2.5R/G	Front passenger seat 6-way adjustment power	Models equipped with power front seat adjustment
30	0.35W/Br	Front passenger SBR +	
31	0.35B/W	Front passenger SBR -	
32	2.5B	Front passenger's seat 6-way adjustment grounding	Models equipped with power front seat adjustment
33	1.0W	Front passenger heating and ventilation	Models equipped with front seat ventilatio

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Terminal number	Wire Gauge and Color	Function	Note
			n and heating
34	-	-	

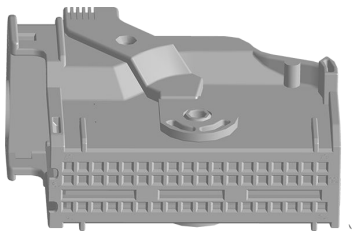
TR036 FRONT PASSENGER SEAT CONNECTOR - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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7.2.85 TR004-1 AIRBAG CONTROL MODULE ASSEMBLY

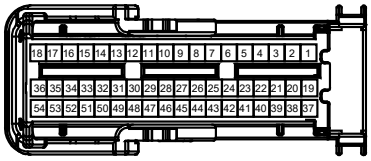
TR004-1 AIRBAG CONTROL MODULE ASSEMBLY - 3D DIAGRAM



Connector Name	Airbag control module assembly
Connector Number	TR004-1
Connector model	35561504(DELPHI)

TR004-1 AIRBAG CONTROL MODULE ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/B	Front right frontal crash sensor+	
2	0.35W/Br	Right front frontal crash sensor-	
3	0.35W/Y	Front left frontal crash sensor+	
4	0.35W/G	Left front frontal impact sensor-	
5	0.35Y/G	Left B-pillar acceleration sensor+	
6	0.35Y/L	Left B-pillar acceleration sensor-	
7	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
8	-	-	
9	0.35Y/W	Right B-pillar acceleration sensor +	
10	0.35Y/B	Right B-pillar acceleration sensor -	
11	0.5Y/B	Rear left seat belt pretensioner-	
12	0.5Gr	Rear left seat belt pretensioner +	
13	-	-	
14	-	-	
15	-	-	
16	0.35Y/Br	Collision signal	
17	0.35L/B	CCAN-L	
18	0.35R/B	CCAN-H	
19	-	-	
20	-	-	
21	-	-	
22	0.35Br/R	Second row left seat	

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Terminal number	Wire Gauge and Color	Function	Note
		belt buckle switch	
23	0.35R/Y	Driver's air bag+	
24	0.35Gr/B	Driver's air bag-	
25	-	-	
26	-	-	
27	0.5B	Left curtain airbag positive	
28	0.5Lg	Left curtain airbag negative	
29	0.5G/B	Driver first-level seat belt pretensioner -	
30	0.5O	Driver's primary seat belt pretensioner+	
31	0.35Br/W	Second row right seat belt buckle switch	
32	0.35L/G	Front left seat belt buckle switch	
33	0.5Y	Rear right seat belt pretensioner+	

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Terminal number	Wire Gauge and Color	Function	Note
34	0.5B/Y	Rear right seat belt pretensioner-	
35	-	-	
36	-	-	
37	0.35V	Far-side airbag+	
38	0.35Gr/V	Far-side airbag-	
39	-	-	
40	-	-	
41	0.35G/R	Front left airbag	
42	0.35G/B	Front left airbag negative	
43	0.5L/R	Front passenger front airbag -	
44	0.5Y/R	Front passenger front airbag+	
45	0.35L/W	Front right airbag normal	
46	0.35L/Y	Front right airbag negative	

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Terminal number	Wire Gauge and Color	Function	Note
47	0.5O	Right curtain airbag negative	
48	0.5Br	Right curtain airbag positive	
49	0.35Br/Y	Second row center seat belt buckle switch	
50	0.35G/W	Front right seat belt buckle switch	
51	0.5W	Front Passenger First-Stage Seat Belt Pretensioner+	
52	0.5Y	Front passenger primary seat belt pretensioner-	
53	0.75B	Grounding	
54	0.5R/Gr	ON3 power supply	

TR004-1 AIRBAG CONTROL MODULE ASSEMBLY - ADDRESS ATTRIBUTES

Location	6.2.1 Floor wiring harness (page 205)
4.2 BMS Battery Management and DC Fast Charging System (page 128)**System**	4.1 Airbag Control System Wiring Diagram (page 127)
	4.2 BMS Battery Management and DC Fast Charging System (page 128)

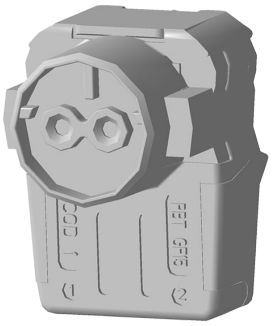
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	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.31 Telematics Host System Circuit Diagram (page 157)

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7.2.86 TR050 REAR DUAL LATCH ASSEMBLY

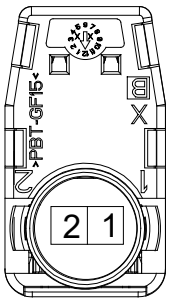
TR050 REAR DUAL LATCH ASSEMBLY - 3D DRAWING



Connector Name	Rear dual latch assembly
Connector Number	TR050
Connector model	MG610396(KET)

TR050 REAR DUAL LATCH ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Br/W	Rear right latch+	
2	0.35B	Rear right latch-	
3	0.35Br/Y	Rear center buckle+	
4	0.35B	Rear center latch-	

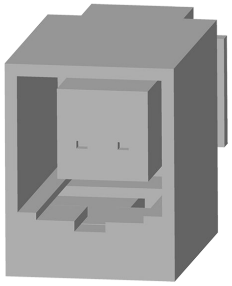
TR050 REAR DUAL LATCH ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.87 TR045 FAR-SIDE AIRBAG ASSEMBLY

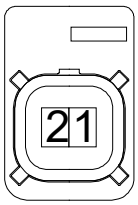
TR045 FAR-SIDE AIRBAG ASSEMBLY-3D DRAWING



Connector Name	Far-side airbag assembly
Connector Number	TR045
Connector model	SABRB-02-1A2-M Green(JST)

TR045 FAR-SIDE AIRBAG ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Gr/V	Far-side airbag-	
2	0.35V	Far-side airbag+	

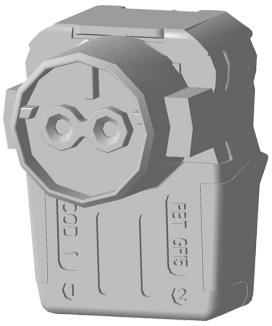
TR045 FAR-SIDE AIRBAG ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.2.1 Floor wiring harness (page 205)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.2.88 TR017 FRONT RIGHT SEAT BELT PRETENSIONER

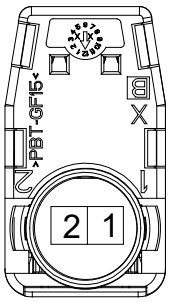
TR017 FRONT RIGHT SEAT BELT PRETENSIONER - 3D DRAWING



Connector Name	Front right seat belt pretensioner
Connector Number	TR017
Connector model	13672195(DELPHI)

TR017 FRONT RIGHT SEAT BELT PRETENSIONER-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5W	Front Passenger First-Stage Seat Belt Pretensioner+	
2	0.5Y	Front passenger primary seat belt pretensioner-	

TR017 FRONT RIGHT SEAT BELT PRETENSIONER - ADDRESS ATTRIBUTE

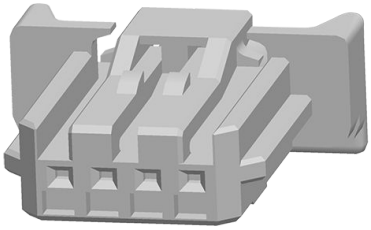
Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.3 7.3 INSTRUMENT PANEL WIRING HARNESS

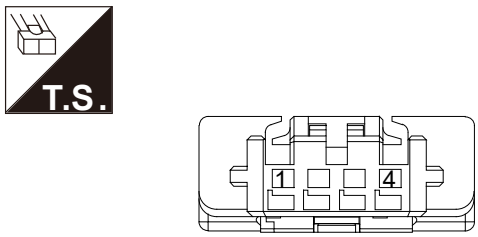
7.3.1 EL048 FRONT RIGHT READING LAMP

EL048 FRONT RIGHT READING LAMP-3D DIAGRAM



Connector Name	Front right reading lamp
Connector Number	EL048
Connector model	IMSA-13103S-04A-NP(Yilisu)

EL048 FRONT RIGHT READING LAMP - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/R	Power	Models not equipped with a power sunshade
2	0.35Br/Y	Touch feedback	Models not equipped with a power sunshade
3	0.35L/R	Light switch signal input	Models not equipped with a power sunshade
4	0.35B/L	Grounding	Models not equipped with a power sunshade

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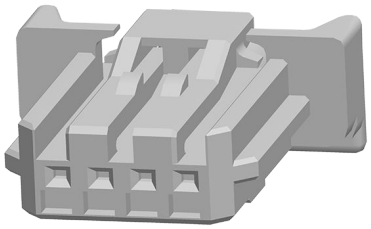
EL048 FRONT RIGHT READING LAMP-ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.2 EL047-1 FRONT LEFT READING LAMP

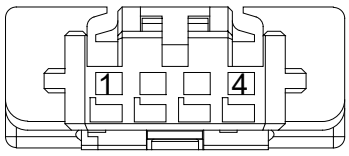
EL047-1 FRONT LEFT READING LAMP - 3D DIAGRAM



Connector Name	Front left reading lamp
Connector Number	EL047-1
Connector model	IMSA-13103S-04A-NP(Yilisu)

EL047-1 FRONT LEFT READING LAMP - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/R	Power	Models equipped with power sunshades
2	0.35Br/R	Touch feedback	Models equipped with power sunshades
3	0.35Y/R	Light switch signal input	Models equipped with power sunshades
4	0.35B/L	Grounding	Models equipped with power sunshades

EL047-1 FRONT LEFT READING LAMP - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)

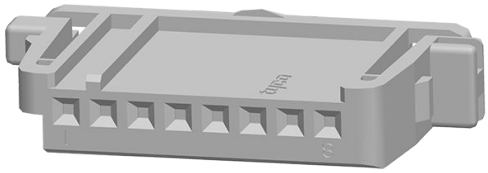
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	4.15 Interior Lighting System Wiring Diagram (page 141)

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7.3.3 EL084 WIRELESS CHARGING MODULE ASSEMBLY

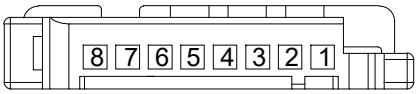
EL084 WIRELESS CHARGING MODULE ASSEMBLY - 3D DRAWING



Connector Name	Wireless charging module assembly
Connector Number	EL084
Connector model	1743282-1(TE)

EL084 WIRELESS CHARGING MODULE ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5R/B	Power	
2	-	-	
3	-	-	
4	0.5B	Ground wire	
5	0.35R/W	ACAN-H	
6	0.35L/W	ACAN-L	
7	-	-	
8	-	-	

EL084 WIRELESS CHARGING MODULE ASSEMBLY - ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)

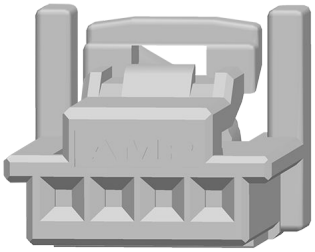
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	4.4 CAN Data Communication System Wiring Diagram (page 130)

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7.3.4 ELECTRIC AIR OUTLET IN EL076-2

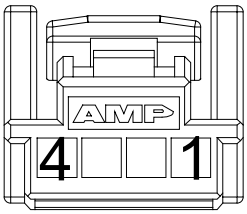
EL076-2 CENTER ELECTRIC AIR OUTLET - 3D VIEW



Connector Name	Center power air outlet
Connector Number	EL076-2
Connector model	2400505-1(TE)/1473672-1(TE)

ELECTRIC AIR VENT IN EL076-2 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/W	Grounding	
2	0.35P	LIN	
3	-	-	
4	0.35G/W	Signal	

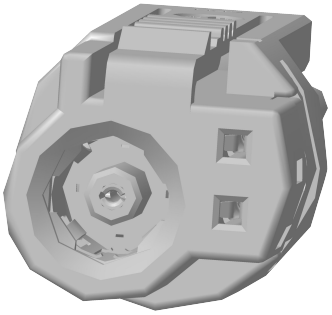
EL076-2 ELECTRIC AIR VENT - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.26 LIN Network Topology Diagram (page 152)
	4.39 Electric A/C vent circuit diagram (page 165)

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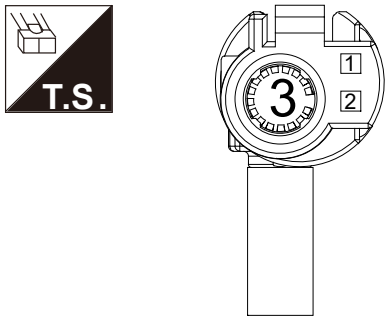
7.3.5 EL035-1 DMS CAMERA ASSEMBLY

EL035-1 DMS CAMERA ASSEMBLY - 3D DRAWING



Connector Name	DMS camera assembly
Connector Number	EL035-1
Connector model	FR2FSDN001 CODE D Burgundy (AMPHENOL)

EL035-1 DMS CAMERA ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R	Power positive	
2	0.35B	Power ground	
3	-	DMS camera input	

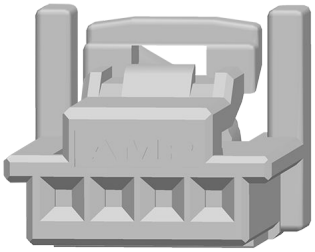
EL035-1 DMS CAMERA ASSEMBLY - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.6 EL043-1 FRONT MICROPHONE

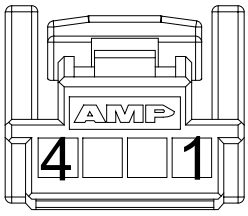
EL043-1 FRONT MICROPHONE-3D DIAGRAM



Connector Name	Front microphone
Connector Number	EL043-1
Connector model	2400505-1(TE)

EL043-1 FRONT MICROPHONE - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Secondary MIC input	Models equipped with power sunshades
2	0.35B	Secondary MIC ground	Models equipped with power sunshades
3	0.35Y	Main MIC input	Models equipped with power sunshades
4	0.35B	Main MIC ground	Models equipped with power sunshades

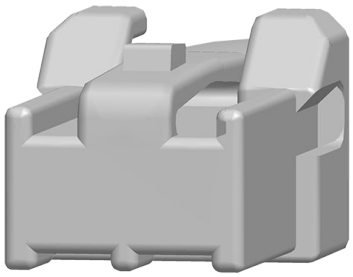
EL043-1 FRONT MICROPHONE - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.7 EL073 INSTRUMENT PANEL LEFT CENTER AIR OUTLET AMBIENT LIGHT

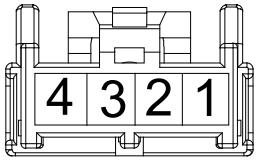
EL073 INSTRUMENT PANEL LEFT CENTER AIR OUTLET AMBIENT LIGHT - 3D VIEW



Connector Name	Instrument panel left center air outlet ambient light
Connector Number	EL073
Connector model	3A04FW(HL)

EL073 INSTRUMENT PANEL LEFT CENTER A/C VENT AMBIENT LIGHT - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/Y	Grounding	Models equipped with interior ambient lighting
2	0.35G/R	I LIN2A	Models equipped with interior ambient lighting
3	0.35G/R	I LIN2B	Models equipped with interior ambient lighting
4	0.35P	Ambient light power	Models equipped with interior ambient lighting

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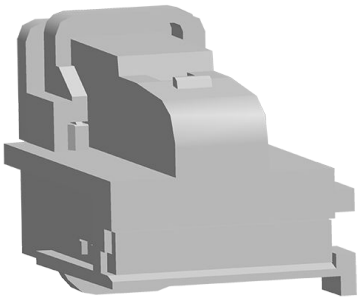
EL073 INSTRUMENT PANEL LEFT CENTER A/C VENT AMBIENT LIGHT - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.26 LIN Network Topology Diagram (page 152)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)

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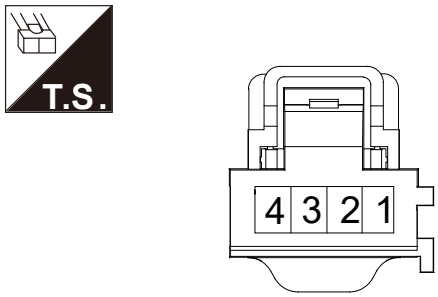
7.3.8 EL087-1 FRONT USB PORT

EL087-1 FRONT USB PORT - 3D VIEW



Connector Name	Front USB port
Connector Number	EL087-1
Connector model	15509333(DELPHI)

EL087-1 FRONT USB - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Grounding	
2	0.35P	Backlight power supply	
3	0.35Lg	Wake-up signal	
4	0.5R/G	Power	

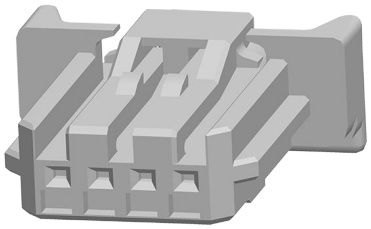
EL087-1 FRONT USB-ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.19 Backup Power Supply Circuit Diagram (page 145)

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7.3.9 EL047 FRONT LEFT READING LAMP

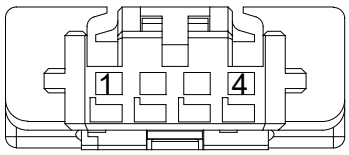
EL047 FRONT LEFT READING LAMP - 3D DIAGRAM



Connector Name	Front left reading lamp
Connector Number	EL047
Connector model	IMSA-13103S-04A-NP(Yilisu)

EL047 FRONT LEFT READING LAMP - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/R	Power	Models not equipped with a power sunshade
2	0.35Br/R	Touch feedback	Models not equipped with a power sunshade
3	0.35Y/R	Light switch signal input	Models not equipped with a power sunshade
4	0.35B/L	Grounding	Models not equipped with a power sunshade

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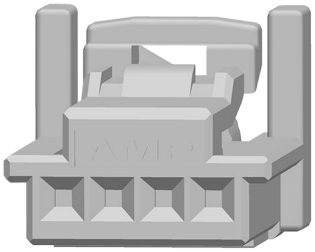
EL047 FRONT LEFT READING LAMP - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)

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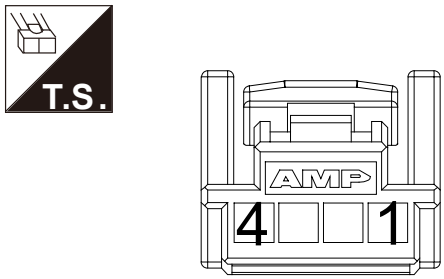
7.3.10 EL076-3 RIGHT ELECTRIC AIR VENT

EL076-3 RIGHT ELECTRIC AIR VENT - 3D DRAWING



Connector Name	Right electric air outlet
Connector Number	EL076-3
Connector model	2400505-1(TE)/1473672-1(TE)

EL076-3 RIGHT ELECTRIC A/C VENT - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/W	Grounding	
2	0.35P	LIN3	
3	-	-	
4	0.35G/W	Signal	

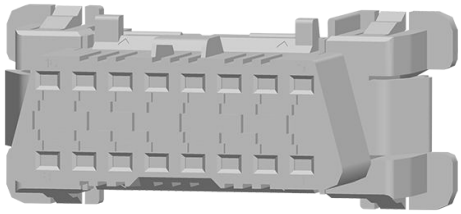
EL076-3 RIGHT ELECTRIC A/C VENT - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.26 LIN Network Topology Diagram (page 152)
	4.39 Electric A/C vent circuit diagram (page 165)

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7.3.11 EL004 DIAGNOSTIC PORT

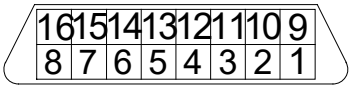
EL004 DIAGNOSTIC PORT - 3D DIAGRAM



Connector Name	Diagnostic port
Connector Number	EL004
Connector model	179631-1(TE)

EL004 DIAGNOSTIC PORT - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/Br	R232_RX	
2	-	-	
3	-	-	
4	0.75B	Grounding	
5	0.75B	Grounding	
6	0.35R/W	DCAN-H	
7	-	-	
8	-	-	
9	0.35L/Br	R232_TX	
10	-	-	
11	-	-	
12	0.35W	ENET_100M_MDIP	

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Terminal number	Wire Gauge and Color	Function	Note
13	0.35G	ENET_100M_MDIN	
14	0.35L/W	DCAN-L	
15	-	-	
16	0.75R/Y	Power	

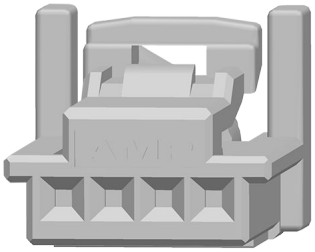
EL004 DIAGNOSTIC PORT - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.25 OBD diagnostic interface (page 151)

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7.3.12 EL043 FRONT MICROPHONE

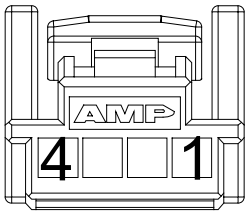
EL043 FRONT MICROPHONE - 3D DRAWING



Connector Name	Front microphone
Connector Number	EL043
Connector model	2400505-1(TE)

EL043 FRONT MICROPHONE-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Secondary MIC input	Models not equipped with a power sunshade
2	0.35B	Secondary MIC ground	Models not equipped with a power sunshade
3	0.35Y	Main MIC input	Models not equipped with a power sunshade
4	0.35B	Main MIC ground	Models not equipped with a power sunshade

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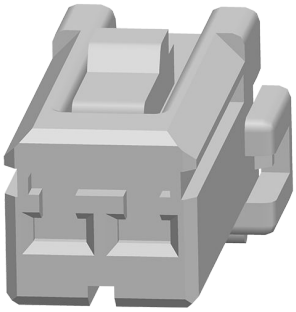
EL043 FRONT MICROPHONE - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.13 EL052 RIGHT VANITY MIRROR LAMP

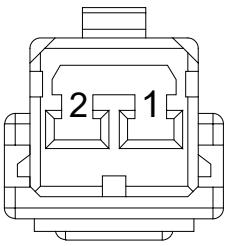
EL052 RIGHT VANITY MIRROR LAMP - 3D ILLUSTRATION



Connector Name	Right vanity mirror lamp
Connector Number	EL052
Connector model	174463-1(TE)

EL052 RIGHT VANITY MIRROR LAMP - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/W	Power	
2	0.35B	Grounding	Models not equipped with a power sunshade
2	0.35B	Grounding	Models equipped with power sunshades

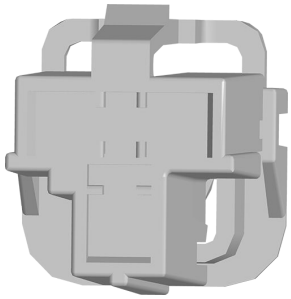
EL052 RIGHT VANITY MIRROR LAMP - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.14 EL082 BACKUP POWER SUPPLY - FRONT

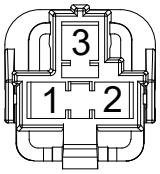
EL082 AUXILIARY POWER SUPPLY - FRONT - 3D VIEW



Connector Name	Auxiliary power - Front
Connector Number	EL082
Connector model	DJ7036Y-2.8-21/20(YY)

EL082 AUXILIARY POWER SUPPLY - FRONT - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	1.0V	Positive	
2	-	-	
3	1.0B	Negative pole	

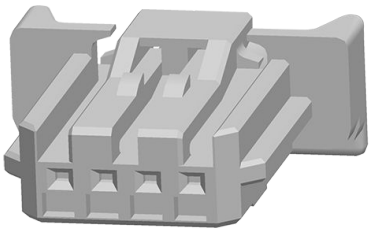
EL082 AUXILIARY POWER SUPPLY - FRONT - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.19 Backup Power Supply Circuit Diagram (page 145)

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7.3.15 EL048-1 FRONT RIGHT READING LAMP

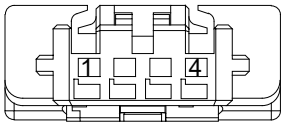
EL048-1 RIGHT FRONT READING LAMP-3D ILLUSTRATION



Connector Name	Front right reading lamp
Connector Number	EL048-1
Connector model	IMSA-13103S-04A-NP(Yilisu)

EL048-1 FRONT RIGHT READING LAMP-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/R	Power	Models equipped with power sunshades
2	0.35Br/Y	Touch feedback	Models equipped with power sunshades
3	0.35L/R	Light switch signal input	Models equipped with power sunshades
4	0.35B/L	Grounding	Models equipped with power sunshades

EL048-1 FRONT RIGHT READING LAMP - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)

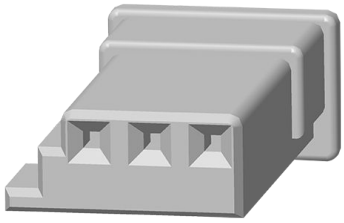
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	4.15 Interior Lighting System Wiring Diagram (page 141)

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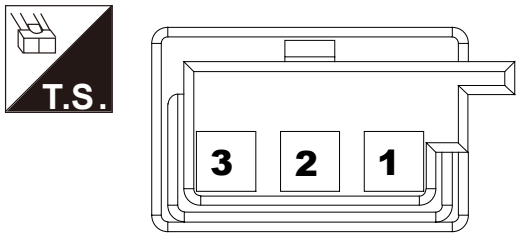
7.3.16 EL081 RAIN/LIGHT SENSOR

EL081 RAIN/LIGHT SENSOR - 3D DIAGRAM



Connector Name	Rain/light sensor
Connector Number	EL081
Connector model	1-1718346-1(TE)

EL081 RAIN/LIGHT SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/W	Power	Models not equipped with a power sunshade
2	0.35B	Grounding	Models not equipped with a power sunshade
3	0.350/B	LIN1	Models not equipped with a power sunshade

EL081 RAIN/LIGHT SENSOR - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.26 LIN Network Topology Diagram (page 152)
	4.9 Wiper and Washer System Wiring Diagram (page 135)

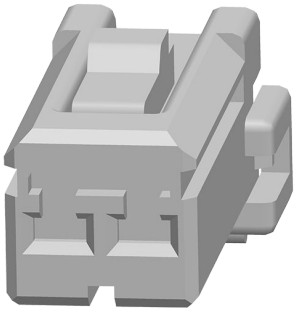
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	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.17 EL051 LEFT VANITY MIRROR LAMP

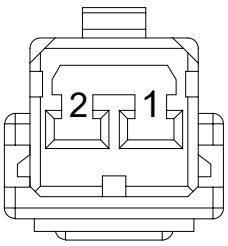
EL051 LEFT VANITY MIRROR LAMP - 3D ILLUSTRATION



Connector Name	Left vanity mirror lamp
Connector Number	EL051
Connector model	174463-1(TE)

EL051 LEFT VANITY MIRROR LAMP-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/W	Power	
2	0.35B	Grounding	Models not equipped with a power sunshade
2	0.35B	Grounding	Models equipped with power sunshades

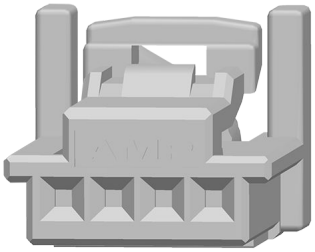
EL051 LEFT VANITY MIRROR LAMP - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)

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7.3.18 EL076-1 LEFT ELECTRIC AIR OUTLET

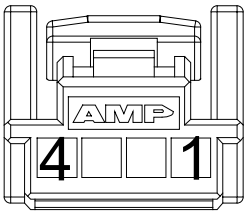
EL076-1 LEFT ELECTRIC A/C VENT-3D DRAWING



Connector Name	Left electric air outlet
Connector Number	EL076-1
Connector model	2400505-1(TE)/1473672-1(TE)

EL076-1 LEFT ELECTRIC AIR VENT - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/W	Grounding	
2	0.35P	LIN	
3	-	-	
4	0.35G/W	Signal	

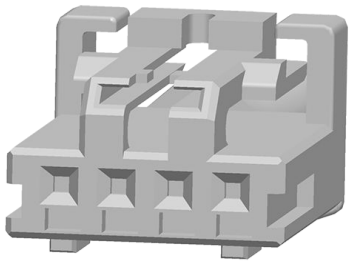
EL076-1 LEFT ELECTRIC AIR OUTLET - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.26 LIN Network Topology Diagram (page 152)
	4.39 Electric A/C vent circuit diagram (page 165)

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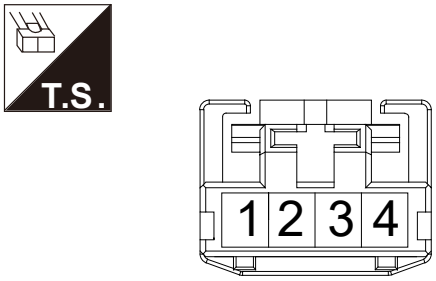
7.3.19 EL077 FILTER ASSEMBLY

EL077 FILTER ASSEMBLY - 3D DRAWING



Connector Name	Filter Assembly
Connector Number	EL077
Connector model	936119-1(TE)

EL077 FILTER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	Power	
2	0.35B	Grounding - Enter	
3	0.35B/W	Ground-Output	
4	0.35G/W	Signal	

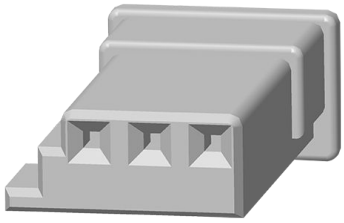
EL077 FILTER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.39 Electric A/C vent circuit diagram (page 165)

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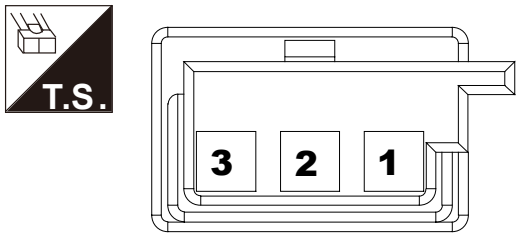
7.3.20 EL081-1 RAIN AND LIGHT SENSOR

EL081-1 RAIN AND LIGHT SENSOR - 3D VIEW



Connector Name	Rain/light sensor
Connector Number	EL081-1
Connector model	1-1718346-1(TE)

EL081-1 RAIN AND LIGHT SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/W	Power	Models equipped with power sunshades
2	0.35B	Grounding	Models equipped with power sunshades
3	0.35O/B	LIN1	Models equipped with power sunshades

EL081-1 RAIN AND LIGHT SENSOR - ADDRESS ATTRIBUTES

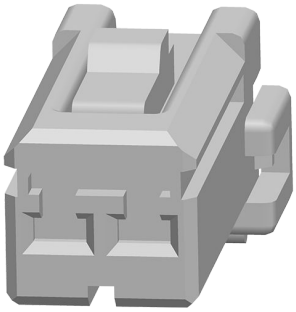
Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.26 LIN Network Topology Diagram (page 152)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.21 EL113 MID-RANGE SPEAKER ASSEMBLY

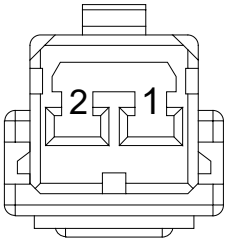
EL113 MIDRANGE SPEAKER ASSEMBLY - 3D DRAWING



Connector Name	Mid-range speaker assembly
Connector Number	EL113
Connector model	174463-1(TE)

EL113 MIDRANGE SPEAKER ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5L/R	Midrange speaker+	Models equipped with 12 speakers
2	0.5W/Y	Midrange speaker-	Models equipped with 12 speakers

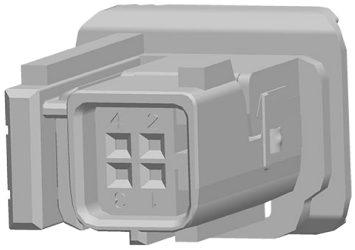
EL113 MIDRANGE SPEAKER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.22 EL188-5 TELEMATICS HEAD UNIT

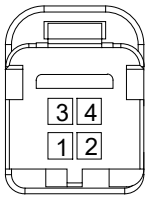
EL188-5 TELEMATICS HOST - 3D VIEW



Connector Name	Telematics Control Unit
Connector Number	EL188-5
Connector model	2320004-1 Ethernet Connector (TE)

EL188-5 TELEMATICS HOST-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	G	ENET_100M_MDIP	
2	W	ENET_100M_MDIN	
3	-	-	
4	-	-	

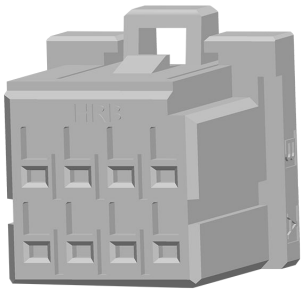
EL188-5 TELEMATICS HOST-ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.31 Telematics Host System Circuit Diagram (page 157)

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7.3.23 EL119-2 INSTRUMENT DISPLAY SCREEN

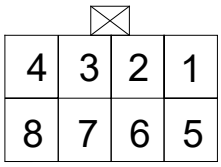
EL119-2 INSTRUMENT DISPLAY SCREEN - 3D VIEW



Connector Name	Instrument display screen
Connector Number	EL119-2
Connector model	P20092-2*4-B-X(Hongru)

EL119-2 INSTRUMENT DISPLAY - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/B	Power	
2	0.35B	Grounding	
3	-	-	
4	-	-	
5	0.35R/B	CCAN-H	
6	0.35L/B	CCAN-L	
7	-	-	
8	0.35W	ON1B Wake-up	

EL119-2 INSTRUMENT DISPLAY - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

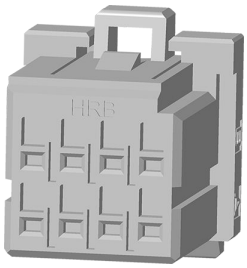
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	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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7.3.24 EL120-2A CENTRAL CONTROL DISPLAY

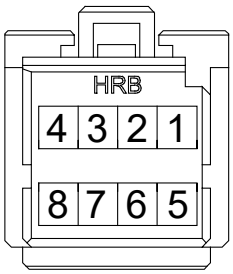
EL120-2A CENTRAL CONTROL DISPLAY - 3D VIEW



Connector Name	Central control display
Connector Number	EL120-2A
Connector model	P20092-2*4-B-X(Hongru)

EL120-2A CENTRAL CONTROL DISPLAY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35V	Central control panel power supply 1+	Models equipped with interior ambient lighting
2	0.35Gr	Grounding	Models equipped with interior ambient lighting
3	0.35Gr	Grounding 2	Models equipped with interior ambient lighting
4	-	-	
5	0.35V	Central control panel power supply 2+	Models equipped with interior ambient lighting

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Terminal number	Wire Gauge and Color	Function	Note
6	-	-	
7	-	-	
8	-	-	

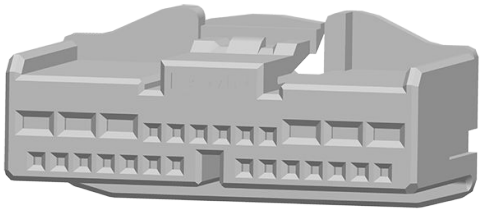
EL120-2A CENTRAL CONTROL DISPLAY - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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7.3.25 EL091-2 COMBINATION SWITCH

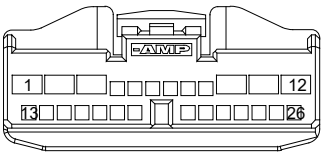
EL091-2 COMBINATION SWITCH - 3D DRAWING



Connector Name	Combination switch
Connector Number	EL091-2
Connector model	1376360-1(TE)

EL091-2 COMBINATION SWITCH-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.75G/L	Steering wheel heating power supply +	Models equipped with steering wheel heating
2	-	-	
3	0.35Y	Steering wheel switch power supply +	
4	0.35B/W	NTC-	Models equipped with steering wheel heating
5	0.35G	NTC+	Models equipped with steering wheel heating

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Terminal number	Wire Gauge and Color	Function	Note
6	0.35Gr/R	Horn+	
7	0.35B	Horn-	
8	0.35R	COM-CAN-H	
9	0.35L	COM-CAN-L	
10	0.35B/L	Steering wheel switch power -	
11	-	-	
12	0.75B	Steering wheel heating power-	Models equipped with steering wheel heating
13	0.35Y	Combination switch power supply +	
14	0.35R	COM-CAN-H	
15	0.35L	COM-CAN-L	
16	0.35P	Combination switch backlight +	
17	0.35B	Combination switch power-	

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Terminal number	Wire Gauge and Color	Function	Note
18	0.35B	Combination switch backlight -	
19	-	-	
20	0.35O	P gear output	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	

EL091-2 COMBINATION SWITCH - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.20 Horn System Circuit Diagram (page 146)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)

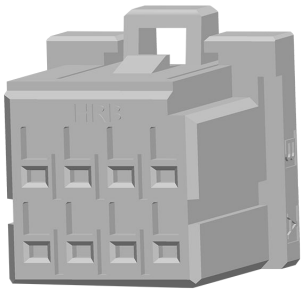
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	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.26 EL120-1A CENTRAL CONTROL DISPLAY

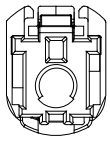
EL120-1A CENTRAL CONTROL DISPLAY SCREEN - 3D VIEW



Connector Name	Central control display
Connector Number	EL120-1A
Connector model	2-2457774-1 FAKRA CODE A Black (TE)/2-2310137-1(TE)

EL120-1A CENTRAL CONTROL DISPLAY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Central control display signal	Models equipped with interior ambient lighting

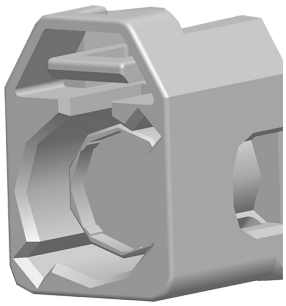
EL120-1A CENTRAL CONTROL DISPLAY - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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7.3.27 EL188-2 TELEMATICS HOST

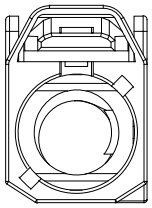
EL188-2 TELEMATICS HOST - 3D DRAWING



Connector Name	Telematics Control Unit
Connector Number	EL188-2
Connector model	2326910-1 TYPE A Black Non-waterproof Female (TE)

EL188-2 TELEMATICS HOST-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	GPS antenna	

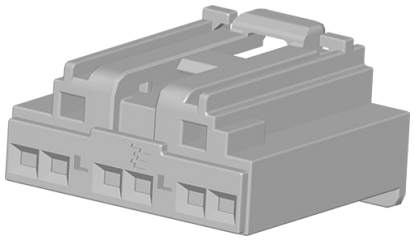
EL188-2 TELEMATICS HOST - ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.31 Telematics Host System Circuit Diagram (page 157)

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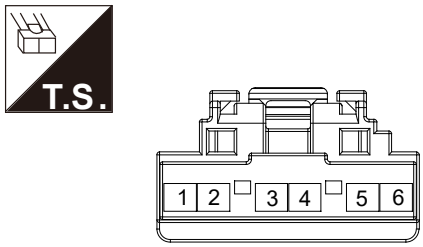
7.3.28 EL091-1 COMBINATION SWITCH

EL091-1 COMBINATION SWITCH - 3D ILLUSTRATION



Connector Name	Combination switch
Connector Number	EL091-1
Connector model	1564003-1(TE)

EL091-1 COMBINATION SWITCH - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/Y	Airbag+	
2	0.35Gr/B	Airbag-	
3	-	-	
4	-	-	
5	-	-	
6	-	-	

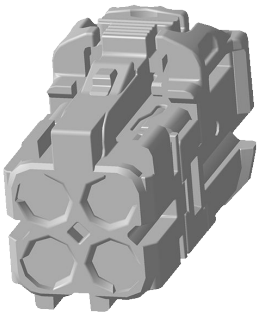
EL091-1 COMBINATION SWITCH - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.3.29 EL215-11 MULTI-DOMAIN FUSION CONTROLLER

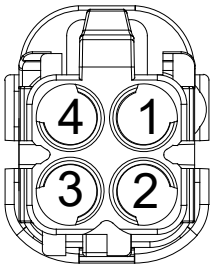
EL215-11 MULTI-DOMAIN FUSION CONTROLLER-3D DRAWING



Connector Name	Multi-domain fusion controller
Connector Number	EL215-11
Connector model	2298721-4 FAKRA 4-in-1 TYPE-D Violet (TE)

EL215-11 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	Central control display signal	Models not equipped with interior ambient lighting
1	-	Central control display signal	Models equipped with interior ambient lighting
2	-	-	
3	-	-	
4	-	-	

EL215-11 MULTI-DOMAIN FUSION CONTROLLER-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

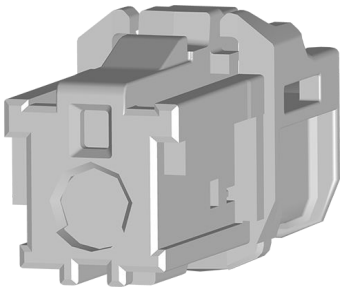
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7.3.30 EL119-1 INSTRUMENT CLUSTER DISPLAY

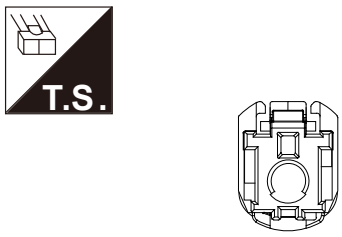
Circuit

EL119-1 INSTRUMENT DISPLAY SCREEN - 3D VIEW



Connector Name	Instrument display screen
Connector Number	EL119-1
Connector model	2310137-2 FAKRA White TYPE B(TE)/2457774-2(TE)

EL119-1 INSTRUMENT DISPLAY SCREEN - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	-	Instrument display signal	

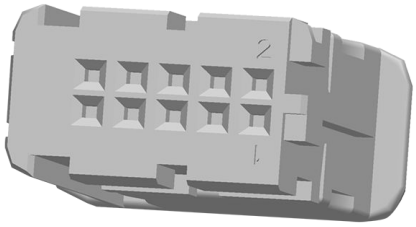
EL119-1 INSTRUMENT DISPLAY SCREEN-ADDRESS PROPERTY

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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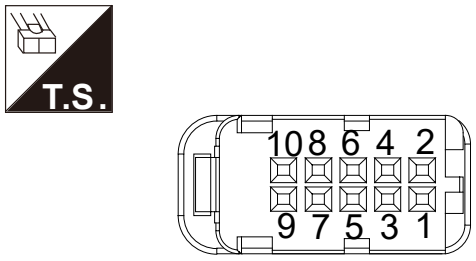
7.3.31 EL092-1 OVERHEAD SWITCH ASSEMBLY

EL092-1 OVERHEAD CONSOLE SWITCH ASSEMBLY-3D DRAWING



Connector Name	Overhead Console
Connector Number	EL092-1
Connector model	2302475-1(TE)

EL092-1 OVERHEAD SWITCH ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Gr/G	Hazard warning switch	Models equipped with power sunshades
2	0.35P	Warning lamp backlight power input	Models equipped with power sunshades
3	0.35Lg	Hazard Warning Light Operation Instructions	Models equipped with power sunshades
4	0.35B	Ground 1	Models equipped with power sunshades
5	0.35Y/L	SOS switch	Models equipped with E-CALL speaker and

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Terminal number	Wire Gauge and Color	Function	Note
			power sun shade
6	0.35P	SOS backlight power input	Models equipped with power sunshades
7	0.35G/W	SOS operation indicator input	Models equipped with E-CALL speaker and power sun shade
8	0.35B/W	SOS operating status input	Models equipped with E-CALL speaker and power sun shade
9	0.35B/Y	Grounding 2	Models equipped with E-CALL speaker and power sun shade
10	-	-	

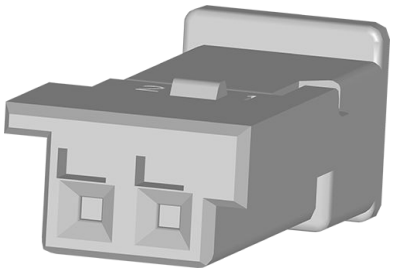
EL092-1 OVERHEAD SWITCH ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.3.32 EL107 FRONT LEFT TWEETER ASSEMBLY

EL107 FRONT LEFT TWEETER ASSEMBLY - 3D VIEW



Connector Name	Front left tweeter assembly
Connector Number	EL107
Connector model	1-1718333-1(TE)

EL107 FRONT LEFT TWEETER ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5Gr/R	Left front tweeter +	
2	0.5Gr	Front left tweeter -	

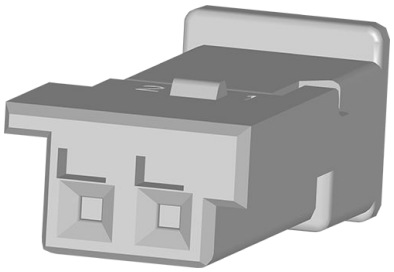
EL107 FRONT LEFT TWEETER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.36 External Amplifier System Circuit Diagram (page 162)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.33 EL108 FRONT RIGHT TWEETER ASSEMBLY

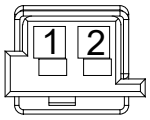
EL108 FRONT RIGHT TWEETER ASSEMBLY - 3D VIEW



Connector Name	Front right tweeter assembly
Connector Number	EL108
Connector model	1-1718333-1(TE)

EL108 FRONT RIGHT TWEETER ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5G/Y	Front right tweeter+	
2	0.5Y/R	Front right tweeter-	

EL108 FRONT RIGHT TWEETER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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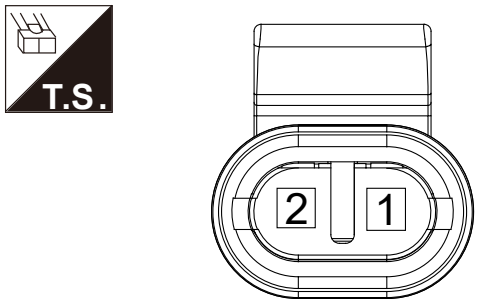
7.3.34 EL127 CENTER PEPS ANTENNA

EL127 CENTER PEPS ANTENNA - 3D DRAWING



Connector Name	Center PEPS antenna
Connector Number	EL127
Connector model	2435050-1(TE)

EL127 CENTER PEPS ANTENNA - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35V/B	Center PEPS antenna 1+	
2	0.35V	Center PEPS antenna 1-	

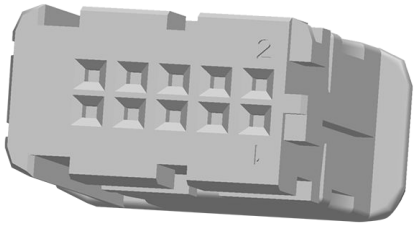
EL127 CENTER PEPS ANTENNA - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.32 PEPS System Circuit Diagram (page 158)

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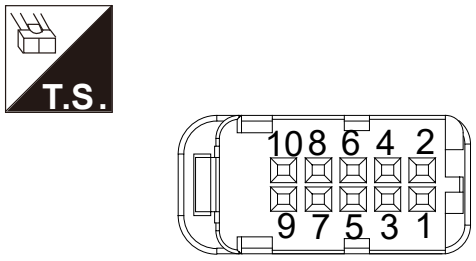
7.3.35 EL092 OVERHEAD SWITCH ASSEMBLY

EL092 OVERHEAD SWITCH ASSEMBLY - 3D DRAWING



Connector Name	Overhead Console
Connector Number	EL092
Connector model	2302475-1(TE)

EL092 ROOF SWITCH ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Gr/G	Hazard warning switch	Models not equipped with a power sunshade
2	0.35P	Warning lamp backlight power input	Models not equipped with a power sunshade
3	0.35Lg	Hazard Warning Light Operation Instructions	Models not equipped with a power sunshade
4	0.35B	Ground 1	Models not equipped with a power sunshade

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Terminal number	Wire Gauge and Color	Function	Note
5	0.35Y/L	SOS switch	Models equipped with E-CALL speaker but without power sunshade
6	0.35P	SOS backlight power input	Models not equipped with a power sunshade
7	0.35G/W	SOS operation indicator input	Models equipped with E-CALL speaker but without power sunshade
8	0.35B/W	SOS operating status input	Models equipped with E-CALL speaker but without power sunshade
9	0.35B/Y	Grounding 2	Models equipped with E-CALL speaker but without power sunshade
10	-	-	

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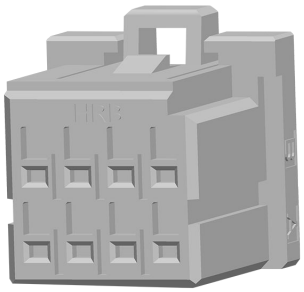
EL092 ROOF SWITCH ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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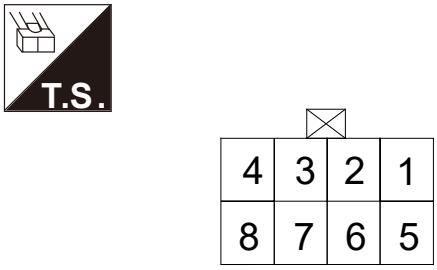
7.3.36 EL120-2 CENTRAL CONTROL DISPLAY

EL120-2 CENTRAL CONTROL DISPLAY - 3D VIEW



Connector Name	Central control display
Connector Number	EL120-2
Connector model	P20092-2*4-B-X(Hongru)

EL120-2 CENTRAL CONTROL DISPLAY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35V	Central control panel power supply 1+	Models not equipped with interior ambient lighting
2	0.35Gr	Grounding	Models not equipped with interior ambient lighting
3	0.35Gr	Grounding 2	Models not equipped with interior ambient lighting
4	-	-	
5	0.35V	Central control panel power supply 2+	Models not equipped with interior ambient lighting

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Terminal number	Wire Gauge and Color	Function	Note
6	-	-	
7	-	-	
8	-	-	

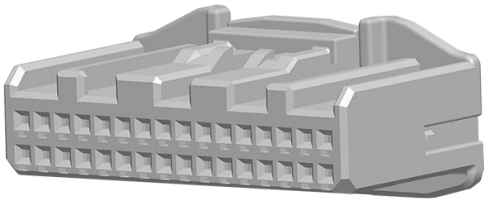
EL120-2 CENTRAL CONTROL DISPLAY-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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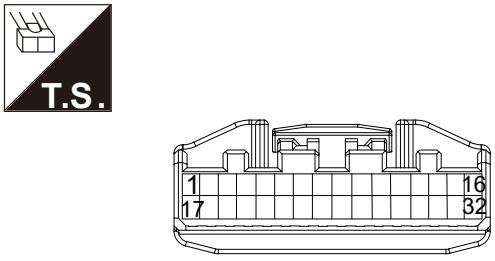
7.3.37 EL188-1 TELEMATICS CONTROL UNIT

EL188-1 TELEMATICS BOX - 3D DRAWING



Connector Name	Telematics Control Unit
Connector Number	EL188-1
Connector model	2321525-1(TE)

EL188-1 TELEMATICS CONTROL UNIT - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/W	ACAN-H	
2	0.35L/W	ACAN-L	
3	-	-	
4	-	-	
5	0.35B	ECALL Dedicated MIC Ground	Models equipped with E-CALL speaker but without power sunshade
5	0.35B	ECALL Dedicated MIC Ground	Models equipped with E-CALL speaker and power sunshade

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Terminal number	Wire Gauge and Color	Function	Note
6	0.35Y	ECALL dedicated MIC input	Models equipped with E-CALL speaker but without power sunshade
6	0.35Y	ECALL dedicated MIC input	Models equipped with E-CALL speaker and power sunshade
7	-	-	
8	-	-	
9	0.35W/Y	Dedicated ECALL speaker+	Vehicle models equipped with E-CALL speakers
10	0.35Y/W	Dedicated eCall Speaker-	Vehicle models equipped with E-CALL speakers
11	0.35Y/Br	Crash signal input (eCall function)	Vehicle models equipped with E-CALL speakers
12	0.35Y/L	ECALL button signal input	Models equipped with E-CALL speaker but without po

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Terminal number	Wire Gauge and Color	Function	Note
			wer sunshade
12	0.35Y/L	ECALL button signal input	Models equipped with E-CALL speaker and power sunshade
13	0.35Y/G	Driver's door handle wake-up signal input	
14	0.35W	T-BOX wakes up HPC	
15	0.5B	Ground 1	
16	0.5B	Grounding 2	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	0.35G/W	ECALL green status indicator output	Models equipped with E-CALL speaker but without power sunshade
22	0.35G/W	ECALL green status i	Models equipped with E-CALL s

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Terminal number	Wire Gauge and Color	Function	Note
		ndicator output	peaker and power sun shade
23	0.35B/W	ECALL red status indicator output	Models equipped with E-CALL speaker but without power sunshade
23	0.35B/W	ECALL red status indicator output	Models equipped with E-CALL speaker and power sun shade
24	0.35B/Y	eCall Indicator Signal Ground	Vehicle models equipped with E-CALL speakers
25	-	-	
26	-	-	
27	-	-	
28	0.35B/Y	ECALL button panel grounding	Vehicle models equipped with E-CALL speakers
29	-	-	
30	0.35Y/B	ON1A Power Supply	

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Terminal number	Wire Gauge and Color	Function	Note
31	0.5R/G	Power supply 1	
32	0.5R/G	Power 2	

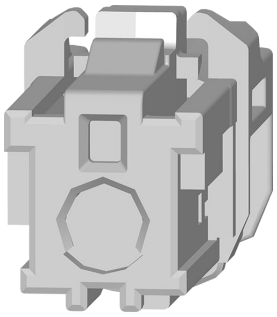
EL188-1 T-BOX - ADDRESS ATTRIBUTE

Location	
	6.3.1 Instrument panel wiring harness (page 207)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)

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7.3.38 EL120-1 CENTER DISPLAY

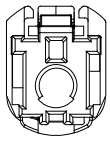
EL120-1 CENTRAL CONTROL DISPLAY - 3D VIEW



Connector Name	Central control display
Connector Number	EL120-1
Connector model	2-2457774-1 FAKRA CODE A Black (TE)/2-2310137-1(TE)

EL120-1 CENTRAL CONTROL DISPLAY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Central control display signal	Models not equipped with interior ambient lighting

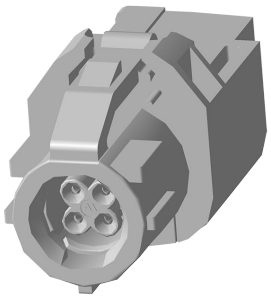
EL120-1 CENTRAL CONTROL DISPLAY - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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7.3.39 EL087-2 FRONT USB

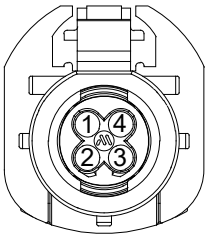
EL087-2 FRONT USB - 3D VIEW



Connector Name	Front USB port
Connector Number	EL087-2
Connector model	2320663-4(TE)

EL087-2 FRONT USB-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Grounding	
2	-	DM	
3	-	-	
4	-	DP	

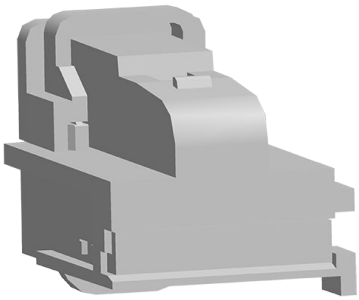
EL087-2 FRONT USB - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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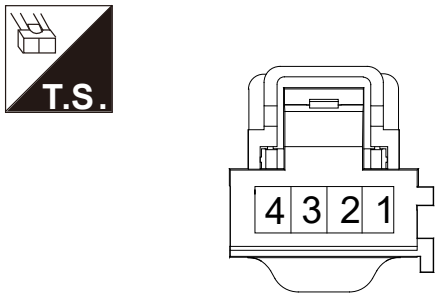
7.3.40 EL088 REAR USB CHARGING

EL088 REAR USB CHARGING-3D DIAGRAM



Connector Name	Rear USB charging
Connector Number	EL088
Connector model	15509333(DELPHI)

EL088 REAR USB CHARGING - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5R/B	ON2C Power	
2	-	-	
3	-	-	
4	0.5B	Grounding	

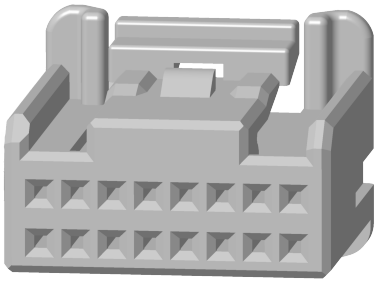
EL088 REAR USB CHARGING - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.19 Backup Power Supply Circuit Diagram (page 145)

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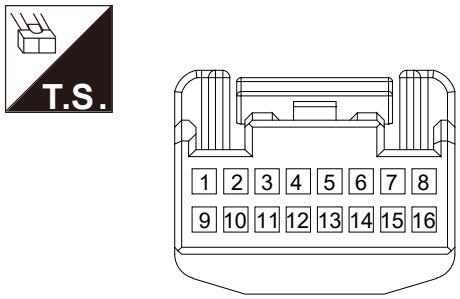
7.3.41 EL231-1 FRONT-VIEW MONOCULAR CAMERA ASSEMBLY

EL231-1 FORWARD-LOOKING MONOCULAR CAMERA ASSEMBLY - 3D VIEW



Connector Name	Front-view monocular camera assembly
Connector Number	EL231-1
Connector model	1318386-1(TE)

EL231-1 FORWARD-LOOKING MONOCULAR CAMERA ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	ON2C Power	Models equipped with power sunshades
2	0.35R/B	CCAN-H	Models equipped with power sunshades
3	0.35L/B	CCAN-L	Models equipped with power sunshades
4	0.35Y/B	CAN2-H	Models equipped with power sunshades
5	0.35B	Grounding	Models equipped with power sunshades
6	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
7	0.35G	B_D_ETH_100_P	Models equipped with power sunshades
8	0.35W	B_D_ETH_100_N	Models equipped with power sunshades
9	-	-	
10	0.35R/Y	CAN7-H	Models equipped with power sunshades
11	0.35L/Y	CAN7-L	Models equipped with power sunshades
12	0.35Y/L	CAN2-L	Models equipped with power sunshades
13	-	-	
14	0.35R/Br	Power	Models equipped with power sunshades
15	0.35L/B	CAN3-L	Models equipped with power sunshades
16	0.35R/B	CAN3-H	Models equipped with power sunshades

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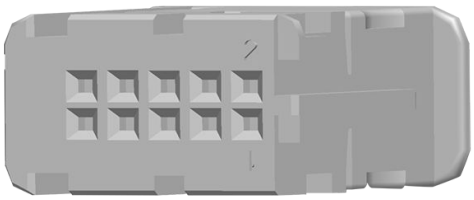
EL231-1 FORWARD-LOOKING MONOCULAR CAMERA ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.40 Forward-facing monocular camera system wiring diagram (vehicles equipped with power sunshade) (page 166)

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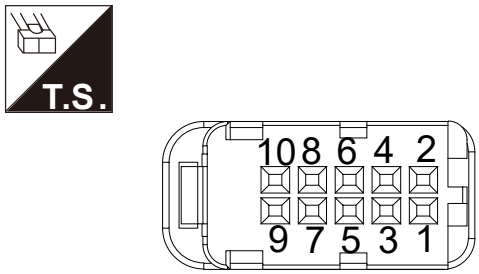
7.3.42 EL215-9 MULTI-DOMAIN FUSION CONTROLLER

EL215-9 MULTI-DOMAIN FUSION CONTROLLER-3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-9
Connector model	2302475-1(TE)

EL215-9 MULTI-DOMAIN FUSION CONTROLLER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	MIC1_S (Secondary Microphone)	Models equipped with power sunshades
1	0.35W/Y	MIC1_S (Secondary Microphone)	Models not equipped with a power sunshade
2	0.35B	MIC1_GND (Secondary Microphone)	Models not equipped with a power sunshade
2	0.35B	MIC1_GND (Secondary Microphone)	Models equipped with power sunshades
3	0.35Y	MIC2_S (Primary Microphone)	Models equipped wit

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Terminal number	Wire Gauge and Color	Function	Note
			h power sunshades
3	0.35Y	MIC2_S (Primary Microphone)	Models not equipped with a power sunshade
4	0.35B	MIC2_GND (Main Microphone)	Models not equipped with a power sunshade
4	0.35B	MIC2_GND (Main Microphone)	Models equipped with power sunshades
5	0.35B/W	External Amplifier A2B-GND	Models equipped with 12 speakers
6	0.35Br/G	Wake Up External Amplifier	Models equipped with 12 speakers
7	0.35Lg	Wake up the external USB_BOX	
8	0.35B/G	R232_GND	
9	0.35R/Br	R232_RX	
10	0.35L/Br	R232_TX	

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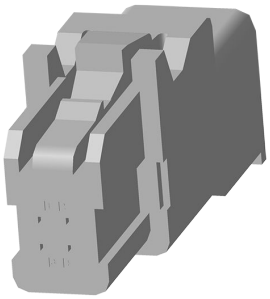
EL215-9 MULTI-DOMAIN FUSION CONTROLLER-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.25 OBD diagnostic interface (page 151)
	4.36 External Amplifier System Circuit Diagram (page 162)

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7.3.43 EL215-19 MULTI-DOMAIN FUSION CONTROLLER

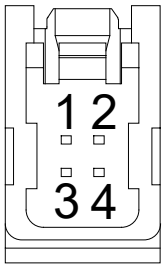
EL215-19 MULTI-DOMAIN FUSION CONTROLLER - 3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-19
Connector model	2293641-3 White HSL Connector (TE)

EL215-19 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	DAB USB DP	
2	-	DAB USB DN	
3	-	DAB USB 5 V WAKE	
4	-	DAB USB GND	

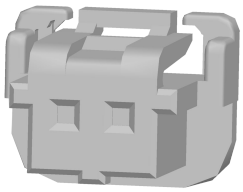
EL215-19 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.44 EL230-1 E-CALL MICROPHONE

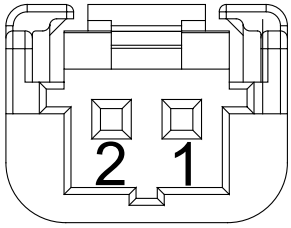
EL230-1 E-CALL MICROPHONE - 3D DRAWING



Connector Name	E-CALL microphone
Connector Number	EL230-1
Connector model	560123-0200(MOLEX)

EL230-1 E-CALL MICROPHONE - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y	Signal	Models equipped with E-CALL speaker and power sun shade
2	0.35B	Shield ground	Models equipped with E-CALL speaker and power sun shade

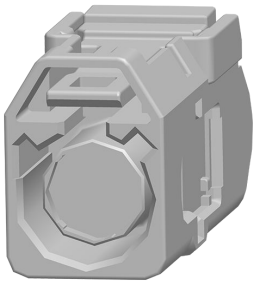
EL230-1 E-CALL MICROPHONE - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.31 Telematics Host System Circuit Diagram (page 157)

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7.3.45 EL233-3 DAB HEAD UNIT ASSEMBLY

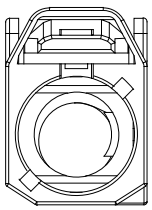
EL233-3 DAB HEAD UNIT ASSEMBLY-3D DRAWING



Connector Name	DAB head unit assembly
Connector Number	EL233-3
Connector model	2326910-5 TYPE E Leaf Green Non-waterproof Female Connector (TE)

EL233-3 DAB HEAD UNIT ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	DAB antenna	

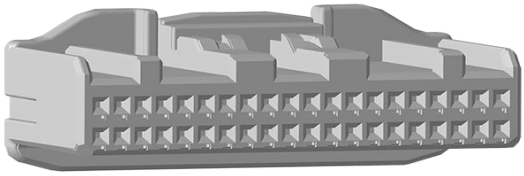
EL233-3 DAB HEAD UNIT ASSEMBLY - ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.46 EL215-4 MULTI-DOMAIN FUSION CONTROLLER

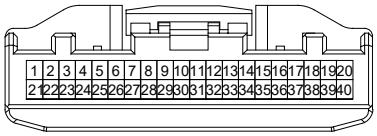
EL215-4 MULTI-DOMAIN FUSION CONTROLLER - 3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-4
Connector model	2325415-1(TE)

EL215-4 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/Y	Brake switch (Normally closed)	
2	-	-	
3	0.35L	COM-CAN-L	
4	0.35R	COM-CAN-H	
5	-	-	
6	-	-	
7	0.35L/W	DCAN-L	
8	0.35R/W	DCAN-H	
9	-	-	
10	0.35W	ENET_100M_MDIP-4	

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Terminal number	Wire Gauge and Color	Function	Note
11	0.35G	ENET_100M_MDIN-4	
12	-	-	
13	0.35G	ENET_100M_MDIP-2	
14	0.35W	ENET_100M_MDIN-2	
15	-	-	
16	0.35G	ENET_100M_MDIP-1	Models not equipped with a power sunshade
16	0.35G	ENET_100M_MDIP-1	Models equipped with power sunshades
17	0.35W	ENET_100M_MDIN-1	Models not equipped with a power sunshade
17	0.35W	ENET_100M_MDIN-1	Models equipped with power sunshades
18	-	-	
19	-	-	
20	-	-	
21	0.35G/R	LIN1(Ambient Light 1)	

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Terminal number	Wire Gauge and Color	Function	Note
22	-	-	
23	0.35P	LIN3	
26	0.35Y/Br	Crash Signal Input	
27	-	-	
28	-	-	
29	-	-	
30	-	-	
31	-	-	
32	-	-	
33	-	-	
34	-	-	
35	-	-	
36	-	-	
37	-	-	
38	-	-	
39	-	-	
40	-	-	

EL215-4 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)

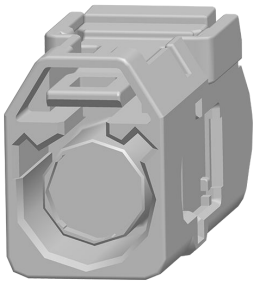
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4.13 Headlamp system circuit diagram (page 139)
4.14 Main Zone Controller System Circuit Diagram (page 140)
4.15 Interior Lighting System Wiring Diagram (page 141)
4.16 Thermal Management Controller System Circuit Diagram (page 142)
4.17 Power Window System (page 143)
4.18 Gateway System Wiring Diagram (page 144)
4.19 Backup Power Supply Circuit Diagram (page 145)
4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
4.25 OBD diagnostic interface (page 151)
4.26 LIN Network Topology Diagram (page 152)
4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
4.31 Telematics Host System Circuit Diagram (page 157)
4.33 Interior Ambient Lighting System Circuit Diagram (page 159)
4.34 Blind Spot Detection System Circuit Diagram (page 160)
4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)
4.39 Electric A/C vent circuit diagram (page 165)
4.40 Forward-facing monocular camera system wiring diagram (vehicles equipped with power sunshade) (page 166)
4.41 Forward-Facing Monocular Camera System Wiring Diagram (Models Without Power Sunshade) (page 167)
4.42 Panoramic Parking System Wiring Diagram (page 168)
4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)

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7.3.47 EL233-4 DAB HEAD UNIT ASSEMBLY

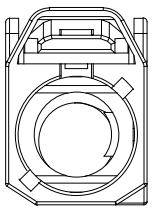
EL233-4 DAB HEAD UNIT ASSEMBLY - 3D DRAWING



Connector Name	DAB head unit assembly
Connector Number	EL233-4
Connector model	2326910-2 TYPE B White Non-waterproof Female Connector (TE)

EL233-4 DAB HEAD UNIT ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	FM antenna	

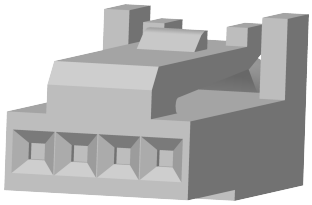
EL233-4 DAB HEAD UNIT ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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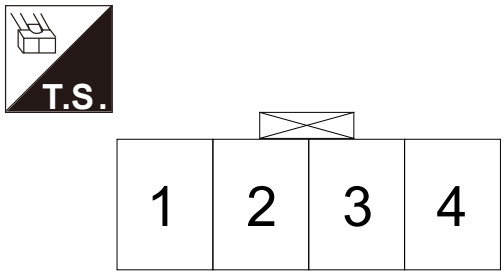
7.3.48 EL240 PASSENGER INSTRUMENT SWITCH

EL240 CENTER CONSOLE SWITCH - 3D VIEW



Connector Name	Passenger instrument panel switch
Connector Number	EL240
Connector model	1743282-1(TE)

EL240 CENTER CONSOLE SWITCH - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Ambient light power supply+	
2	0.35B/Y	Ambient light power supply -	
3	0.35G/R	LIN	
4	-	-	

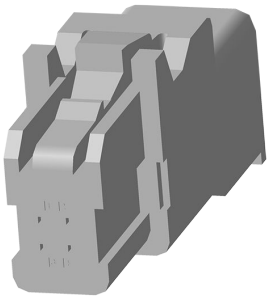
EL240 CENTER CONSOLE SWITCH - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.26 LIN Network Topology Diagram (page 152)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)

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7.3.49 EL233-2 DAB HEAD UNIT ASSEMBLY

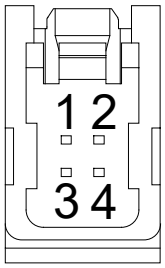
EL233-2 DAB HEAD UNIT ASSEMBLY - 3D DRAWING



Connector Name	DAB head unit assembly
Connector Number	EL233-2
Connector model	2293641-1 Black HSL Connector (TE)

EL233-2 DAB HEAD UNIT ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	USB_DATA(+)	
2	-	USB_POWER	
3	-	USB_DATA(-)	
4	-	USB GND	

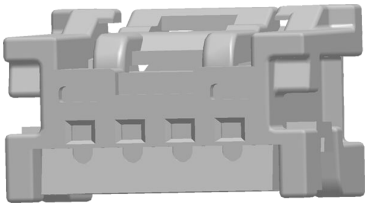
EL233-2 DAB HEAD UNIT ASSEMBLY - ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.50 EL233-1 DAB HEAD UNIT ASSEMBLY

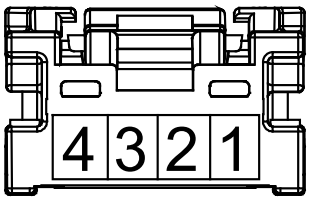
EL233-1 DAB HEAD UNIT ASSEMBLY-3D DRAWING



Connector Name	DAB head unit assembly
Connector Number	EL233-1
Connector model	34791-0040(MOLEX)

EL233-1 DAB HEAD UNIT ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Grounding	
2	-	-	
3	-	-	
4	0.350/B	Power	

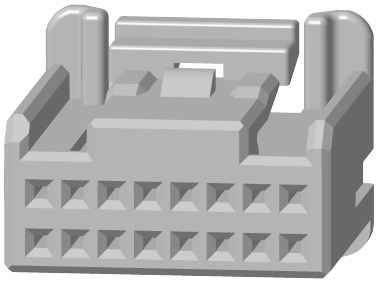
EL233-1 DAB HEAD UNIT ASSEMBLY-ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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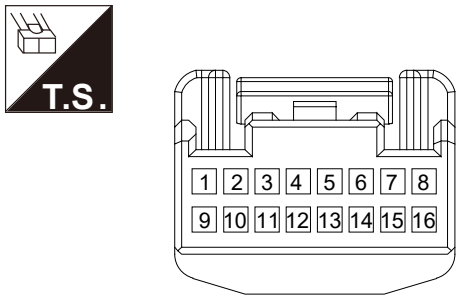
7.3.51 EL231 FORWARD-FACING MONO CAMERA ASSEMBLY

EL231 FORWARD-LOOKING MONOCULAR CAMERA ASSEMBLY - 3D DRAWING



Connector Name	Front-view monocular camera assembly
Connector Number	EL231
Connector model	1318386-1(TE)

EL231 FORWARD-LOOKING MONOCULAR CAMERA ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	ON2C Power	Models not equipped with a power sunshade
2	0.35R/B	CCAN-H	Models not equipped with a power sunshade
3	0.35L/B	CCAN-L	Models not equipped with a power sunshade
4	0.35Y/B	CAN2-H	Models not equipped with a power sunshade
5	0.35B	Grounding	Models not equipped

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Terminal number	Wire Gauge and Color	Function	Note
			with a power sunshade
6	-	-	
7	0.35G	B_D_ETH_100_P	Models not equipped with a power sunshade
8	0.35W	B_D_ETH_100_N	Models not equipped with a power sunshade
9	-	-	
10	0.35R/Y	CAN7-H	Models not equipped with a power sunshade
11	0.35L/Y	CAN7-L	Models not equipped with a power sunshade
12	0.35Y/L	CAN2-L	Models not equipped with a power sunshade
13	-	-	
14	0.35R/Br	Power	Models not equipped with a pow

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Terminal number	Wire Gauge and Color	Function	Note
			er sunshade
15	0.35L/B	CAN3-L	Models not equipped with a power sunshade
16	0.35R/B	CAN3-H	Models not equipped with a power sunshade

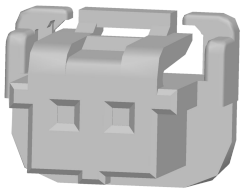
EL231 FRONT MONOCULAR CAMERA ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.40 Forward-facing monocular camera system wiring diagram (vehicles equipped with power sunshade) (page 166)
	4.41 Forward-Facing Monocular Camera System Wiring Diagram (Models Without Power Sunshade) (page 167)

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7.3.52 EL230 E-CALL MICROPHONE

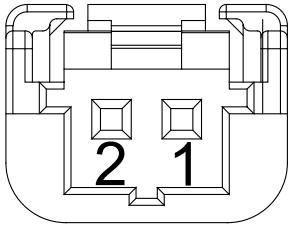
EL230 E-CALL MICROPHONE-3D DRAWING



Connector Name	E-CALL microphone
Connector Number	EL230
Connector model	560123-0200(MOLEX)

EL230 E-CALL MICROPHONE - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y	Signal	Models equipped with E-CALL speaker but without power sunshade
2	0.35B	Shield ground	Models equipped with E-CALL speaker but without power sunshade

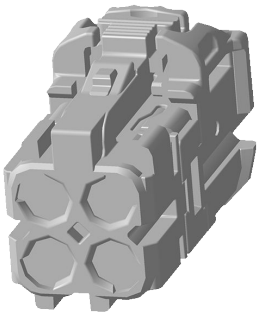
EL230 E-CALL MICROPHONE - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.31 Telematics Host System Circuit Diagram (page 157)

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7.3.53 EL215-12 MULTI-DOMAIN FUSION CONTROLLER

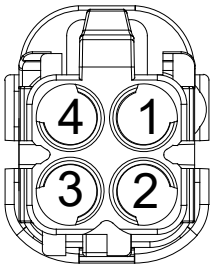
EL215-12 MULTI-DOMAIN FUSION CONTROLLER - 3D DRAWING



Connector Name	Multi-domain fusion controller
Connector Number	EL215-12
Connector model	2298721-2 4-in-1 TYPE-B White (TE)

EL215-12 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	Instrument display signal	
3	-	-	
4	-	-	

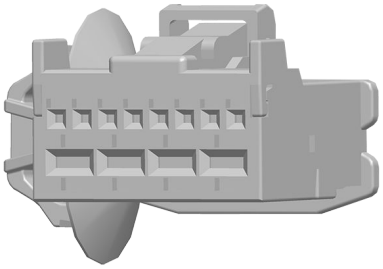
EL215-12 MULTI-DOMAIN FUSION CONTROLLER-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

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7.3.54 EL215-1 MULTI-DOMAIN FUSION CONTROLLER

EL215-1 MULTI-DOMAIN FUSION CONTROLLER - 3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-1
Connector model	2322347-2(TE)

EL215-1 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Head unit power ground 1	
2	1.0R/B	Head unit power supply 1+	
3	1.0B	Head Unit Power Ground 2	
4	2.0R/G	Head unit power supply 2+	
5	0.35V	Central control screen power supply positive	
6	0.35Gr	Central control panel power sup	

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Terminal number	Wire Gauge and Color	Function	Note
		ply ground -	
7	-	-	
8	-	-	
9	0.35R	DMS Power Supply Positive	
10	0.35B	DMS negative power supply	
11	-	-	
12	-	-	

EL215-1 MULTI-DOMAIN FUSION CONTROLLER-ADDRESS ATTRIBUTES

Location	
System	6.3.2 Instrument panel wiring harness (page 208)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.13 Headlamp system circuit diagram (page 139)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.17 Power Window System (page 143)
	4.18 Gateway System Wiring Diagram (page 144)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

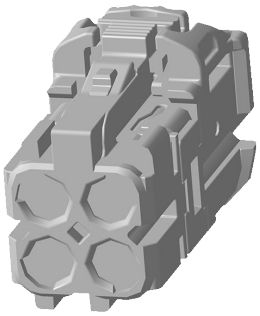
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4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
4.31 Telematics Host System Circuit Diagram (page 157)
4.33 Interior Ambient Lighting System Circuit Diagram (page 159)
4.34 Blind Spot Detection System Circuit Diagram (page 160)
4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)
4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
4.39 Electric A/C vent circuit diagram (page 165)
4.42 Panoramic Parking System Wiring Diagram (page 168)
4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)
4.46 Alcolock Controller Circuit Diagram (page 172)

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7.3.55 EL215-18 MULTI-DOMAIN FUSION CONTROLLER

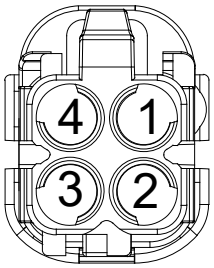
EL215-18 MULTI-DOMAIN FUSION CONTROLLER - 3D DIAGRAM



Connector Name	Multi-domain fusion controller
Connector Number	EL215-18
Connector model	2298721-3 4-in-1 Type-C Sky Blue (TE)

EL215-18 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	DMS camera input	
2	-	-	
3	-	-	
4	-	-	

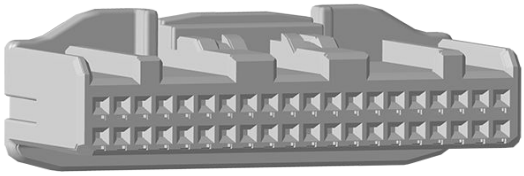
EL215-18 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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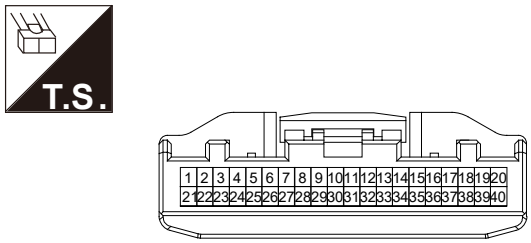
7.3.56 EL215-3 MULTI-DOMAIN FUSION CONTROLLER

EL215-3 MULTI-DOMAIN FUSION CONTROLLER-3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-3
Connector model	2325415-4(TE)

EL215-3 MULTI-DOMAIN FUSION CONTROLLER - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/L	Ultrasonic Radar Communication 1	
2	0.35W/R	Ultrasonic Radar Communication 2	
3	0.35B/W	Ultrasonic radar 1	
4	-	-	
5	0.35Br	BMS Wake-up	
6	-	-	
7	-	-	
8	-	-	
9	0.5R	ON3 Feedback	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35Y/W	ON2B feedback	
11	0.35R/L	ON2C feedback	
12	-	-	
13	0.35L/B	CCAN-L	
14	0.35R/B	CCAN-H	
15	0.35L/W	ACAN-L	
16	0.35R/W	ACAN-H	
17	0.35L/G	PCAN-L	
18	0.35R/G	PCAN-H	
19	0.35L/Y	BCAN-L	
20	0.35R/Y	BCAN-H	
21	-	-	
22	-	-	
23	0.35B/G	Ultrasonic radar 2	
24	-	-	
25	-	-	
26	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
27	0.35W/R	MZCU Wake-up	
28	-	-	
29	0.5Y/R	Brake Switch (Normally Open) (Wake-up)	
30	-	-	
31	0.35W	Tbox Wake-up	
32	-	-	
33	0.35B/L	CCM high-voltage interlock signal output	
34	0.35G/L	CCM High Voltage Interlock Signal Input	
35	0.35Lg	Alcolock high active input	
36	-	-	
37	-	-	
38	-	-	
39	-	-	
40	-	-	

EL215-3 MULTI-DOMAIN FUSION CONTROLLER-ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)

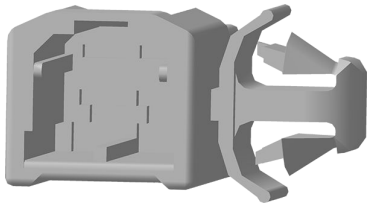
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System	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.17 Power Window System (page 143)
	4.18 Gateway System Wiring Diagram (page 144)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.46 Alcolock Controller Circuit Diagram (page 172)

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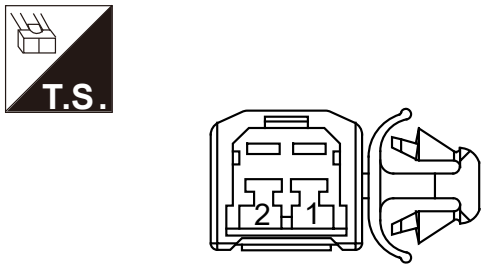
7.3.57 EL229 E-CALL SPEAKER

EL229 E-CALL SPEAKER - 3D DRAWING



Connector Name	E-Call speaker
Connector Number	EL229
Connector model	178602-1(TE)

EL229 E-CALL SPEAKER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/Y	Speaker+	Vehicle models equipped with E-CALL speakers
2	0.35Y/W	Speaker-	Vehicle models equipped with E-CALL speakers

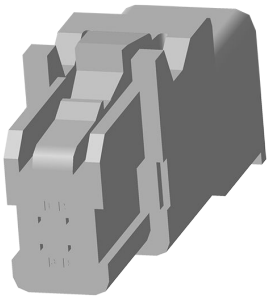
EL229 E-CALL SPEAKER - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.31 Telematics Host System Circuit Diagram (page 157)

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7.3.58 EL215-13 MULTI-DOMAIN FUSION CONTROLLER

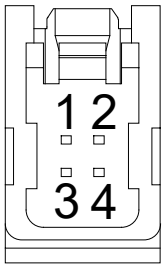
EL215-13 MULTI-DOMAIN FUSION CONTROLLER-3D VIEW



Connector Name	Multi-domain fusion controller
Connector Number	EL215-13
Connector model	2293641-1 Black HSL Connector (TE)

EL215-13 MULTI-DOMAIN FUSION CONTROLLER-2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	-	USB4_HS_DP	
2	-	USB4_HS_DM	
3	-	-	
4	-	USB4_HS_GND	

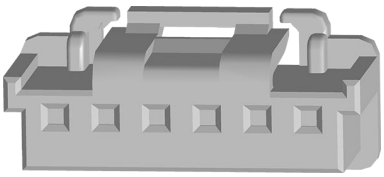
EL215-13 MULTI-DOMAIN FUSION CONTROLLER - ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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7.3.59 EL227 FRONT VITAL SIGNS DETECTION RADAR

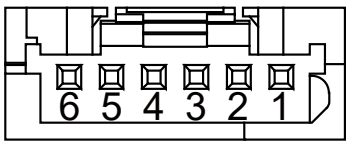
EL227 FRONT VITAL SIGNS DETECTION RADAR-3D VIEW



Connector Name	Front vital signs detection radar
Connector Number	EL227
Connector model	560123-0600(MOLEX)

EL227 FRONT VITAL SIGNS DETECTION RADAR - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Grounding	Models equipped with power sunshades
1	0.35B	Grounding	Models not equipped with a power sunshade
2	0.35R	COM-CAN-H	
3	0.35L	COM-CAN-L	
4	0.35B	Address signal 1 (IO-1)	Models equipped with power sunshades
4	0.35B	Address signal 1 (IO-1)	Models not equipped with a pow

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Terminal number	Wire Gauge and Color	Function	Note
			er sunshade
5	-	-	
6	0.35R/Br	Power	

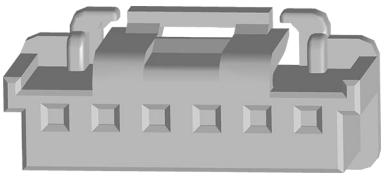
EL227 FRONT VITAL SIGNS DETECTION RADAR - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.45 Vital Signs Detection Radar System Wiring Diagram (page 171)

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7.3.60 EL228 REAR VITAL SIGNS DETECTION RADAR

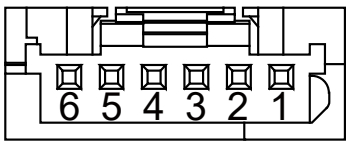
EL228 REAR VITAL SIGNS DETECTION RADAR-3D VIEW



Connector Name	Rear vital signs detection radar
Connector Number	EL228
Connector model	560123-0600(MOLEX)

EL228 REAR VITAL SIGNS DETECTION RADAR - 2D DIAGRAM





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Grounding	Models not equipped with a power sunshade
1	0.35B	Grounding	Models equipped with power sunshades
2	0.35R	COM-CAN-H	
3	0.35L	COM-CAN-L	
4	-	-	
5	-	-	
6	0.35R/Br	Power	

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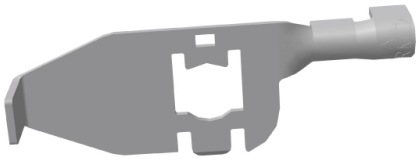
EL228 REAR VITAL SIGNS DETECTION RADAR - ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.45 Vital Signs Detection Radar System Wiring Diagram (page 171)

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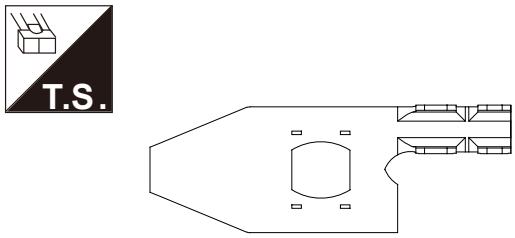
7.3.61 IPG02

IPG02 - 3D DRAWING



Connector Name	Ground
Connector Number	IPG02
Connector model	DJ481A(ZJZ)

IPG02-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	6.0B	Main zone controller EL249-1-2	

IPG02-ADDRESS PROPERTIES

Location	
System	6.3.1 Instrument panel wiring harness (page 207)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.20 Horn System Circuit Diagram (page 146)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

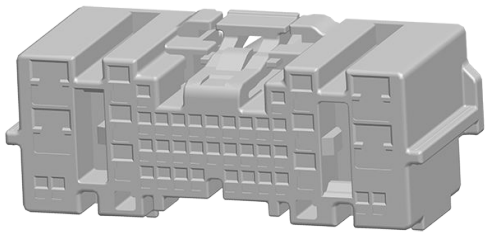
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	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)
Location Diagram	IPG02 (page 95)

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7.3.62 IPX25&BDX25

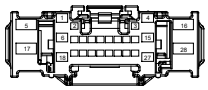
IPX25 & BDX25 - 3D DRAWING



Connector Name	IPX25&BDX25
Connector Number	IPX25
Connector model	6098-9831 Natural Color (SUM)

IPX25&BDX25-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	0.5G/Y	Front right tweeter+	
5	-	-	
6	-	-	
7	0.5Y/R	Front passenger front airbag+	
8	0.5L/R	Front passenger front airbag -	
9	-	-	
10	-	-	
11	0.35R/B	CAN3-H	

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Terminal number	Wire Gauge and Color	Function	Note
12	0.35L/B	CAN3-L	
13	-	-	
14	-	-	
15	0.5Y/R	Front right tweeter-	
16	-	-	
17	-	-	
18	-	-	
19	0.5Br	Right curtain airbag positive	
20	0.5O	Right curtain airbag negative	
21	0.35B/W	External Amplifier A2B-GND	Models equipped with 12 speakers
22	0.35Br/G	Wake Up External Amplifier	Models equipped with 12 speakers
23	0.35R	COM-CAN-H	
24	0.35L	COM-CAN-L	
25	-	-	
26	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
27	0.35G/L	Rear wiper stop switch	
28	-	-	

IPX25&BDX25-ADDRESS ATTRIBUTE

Location	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX25&IPX25 (page 810)

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7.3.63 TR008 RIGHT CURTAIN AIRBAG ASSEMBLY

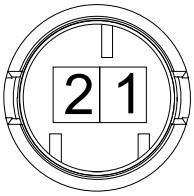
TR008 RIGHT SIDE CURTAIN AIRBAG ASSEMBLY - 3D DRAWING



Connector Name	Right side curtain airbag assembly
Connector Number	TR008
Connector model	PPI0001142 CODE I(FCI)

TR008 RIGHT CURTAIN AIRBAG ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Br	Right curtain airbag positive	
2	0.5O	Right curtain airbag negative	

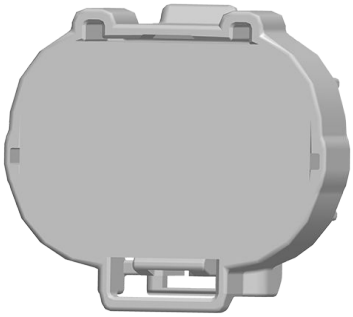
TR008 RIGHT CURTAIN AIRBAG ASSEMBLY-ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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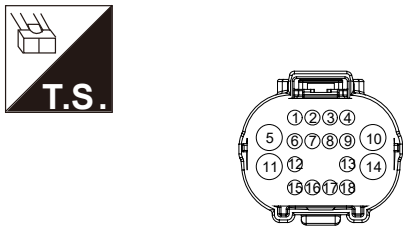
7.3.64 IPX07&EBX07

IPX07&EBX07-3D DRAWING



Connector Name	IPX07&EBX07
Connector Number	IPX07
Connector model	6188-5911(SUM)

IPX07&EBX07-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/L	CCM high-voltage interlock signal output	
2	0.35G/L	CCM High Voltage Interlock Signal Input	
3	0.35Y/B	CAN2-H	
4	0.35Y/L	CAN2-L	
5	-	-	
6	-	-	
7	-	-	
8	0.35W/Br	Driver face temperature	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35R/L	Filter assembly power supply	
10	-	-	
11	0.5Y/R	Brake Switch (Normally Open) (Wake-up)	
12	0.35B/Y	Brake switch (Normally closed)	
13	0.35B/W	Sensor ground	
14	-	-	
15	0.35R/Y	BCAN-H	
16	0.35L/Y	BCAN-L	
17	0.35Y/B	CAN2-H	
18	0.35Y/L	CAN2-L	

IPX07&EBX07-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

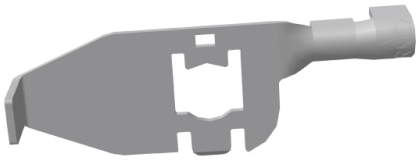
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	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.39 Electric A/C vent circuit diagram (page 165)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX07&IPX07 (page 825)

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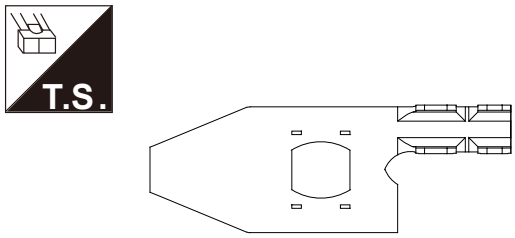
7.3.65 IPG05

IPG05-3D VIEW



Connector Name	Ground
Connector Number	IPG05
Connector model	DJ481A(ZJZ)

IPG05-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Auxiliary Power - Front EL082-3	

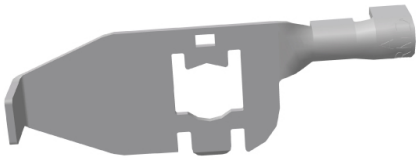
IPG05-ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.19 Backup Power Supply Circuit Diagram (page 145)
Location Diagram	IPG05 (page 100)

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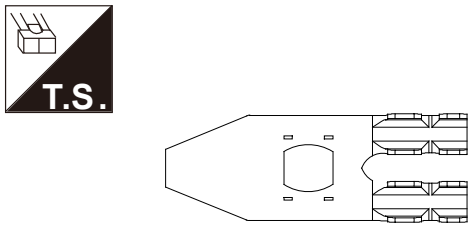
7.3.66 IPG03

IPG03-3D DRAWING



Connector Name	Ground
Connector Number	IPG03
Connector model	DJ471A(ZJZ)

IPG03-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Right vanity mirror lamp EL052-2	Models not equipped with a power sunshade
1	0.35B	Rain/Light Sensor EL081-2	Models not equipped with a power sunshade
1	0.35B	Rear vital sign detection radar EL228-1	Models not equipped with a power sunshade
1	0.35B	Front monocular camera assembly EL231-5	Models not equipped with a power sunshade
1	0.35B	Front Vital Signs Dete	Models not equipped

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Terminal number	Wire Gauge and Color	Function	Note
		ction Radar EL227-1	with a power sunshade
1	0.35B	Front vital signs detection radar EL227-4	Models not equipped with a power sunshade

IPG03-ADDRESS ATTRIBUTES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.41 Forward-Facing Monocular Camera System Wiring Diagram (Models Without Power Sunshade) (page 167)
	4.45 Vital Signs Detection Radar System Wiring Diagram (page 171)
Location Diagram	IPG03 (page 96)

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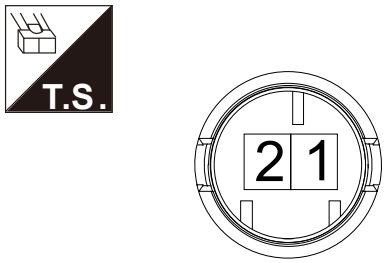
7.3.67 TR009 LEFT CURTAIN AIRBAG ASSEMBLY

TR009 LEFT CURTAIN AIRBAG ASSEMBLY - 3D DRAWING



Connector Name	Left side curtain airbag assembly
Connector Number	TR009
Connector model	PPI0001142 CODE I(FCI)

TR009 LEFT SAFETY CURTAIN AIRBAG ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Left curtain airbag positive	
2	0.5Lg	Left curtain airbag negative	

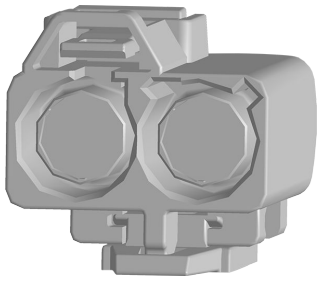
TR009 LEFT CURTAIN AIRBAG ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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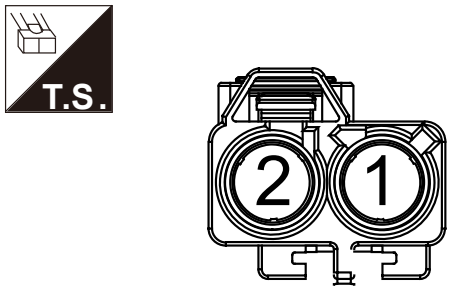
7.3.68 IPX73&TGX73

3D DRAWING OF IPX73 & TGX73



Connector Name	IPX73&TGX73
Connector Number	IPX73
Connector model	Type A 2345658-1 Black (TE)

IPX73&TGX73-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	DAB antenna	
2	-	FM antenna	

IPX73&TGX73 - ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
Location Diagram	IPX73&TGX73 (page 829)

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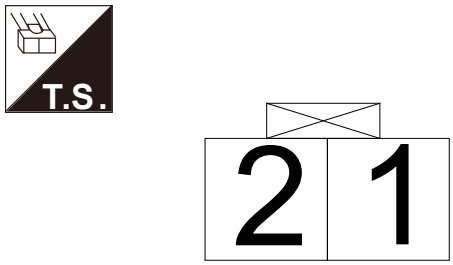
7.3.69 TMS09 MAIN AIR DUCT TEMPERATURE SENSOR

TMS09 MAIN AIR DUCT TEMPERATURE SENSOR - 3D DRAWING



Connector Name	Main air duct temperature sensor
Connector Number	TMS09
Connector model	3TKA02FW(HL)

TMS09 MAIN AIR DUCT TEMPERATURE SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B/W	Signal-	
2	0.35W/Br	Signal+	

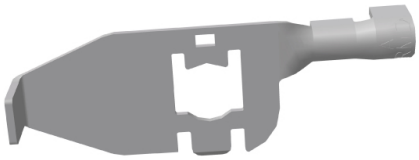
TMS09 MAIN AIR DUCT TEMPERATURE SENSOR-ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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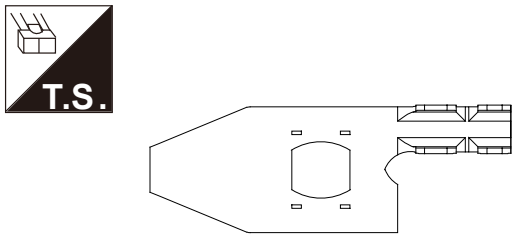
7.3.70 IPG04-1

IPG04-1-3D DRAWING



Connector Name	Ground
Connector Number	IPG04-1
Connector model	DJ481A(ZJZ)

IPG04-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Left vanity mirror lamp EL051-2	Models equipped with power sunshades
1	0.35B	Overhead switch assembly EL092-1-4	Models equipped with power sunshades

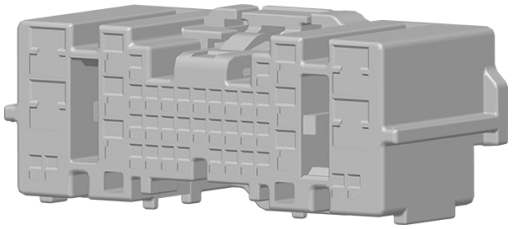
IPG04-1-ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
Location Diagram	IPG04-1 (page 99)

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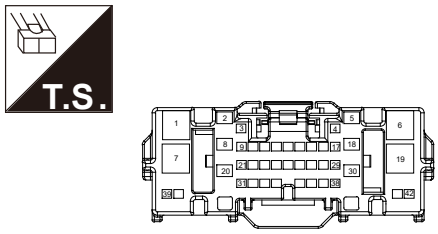
7.3.71 IPX24&BDX24

IPX24&BDX24-3D DRAWING



Connector Name	IPX24&BDX24
Connector Number	IPX24
Connector model	6099-0195(SUM)

IPX24&BDX24-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0R/G	Amplifier power supply	
2	-	-	
3	0.5P	Backlight power supply	
4	-	-	
5	0.5Gr/R	Left front tweeter +	
6	-	-	
7	-	-	
8	0.75G/L	Steering wheel heating output	Models equipped with steering wheel heating
9	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
10	-	-	
11	0.35R/B	Front seat lumbar support power	Models equipped with power front seat adjustment
12	0.35V	Center PEPS antenna 1-	
13	0.35V/B	Center PEPS antenna 1+	
14	-	-	
15	-	-	
16	-	-	
17	0.35O	P gear wake-up signal	
18	0.5Gr	Front left tweeter -	
19	-	-	
20	0.35Y/G	Driver's door handle wake-up signal input	
21	-	-	
22	-	-	
23	0.35W/G	Driver's seat back ventilation speed adjustment	Models equipped with front seat ventilation

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Terminal number	Wire Gauge and Color	Function	Note
24	0.35G/B	Driver's seat cushion ventilation speed adjustment	Models equipped with front seat ventilation
25	-	-	
26	0.35B/W	Steering wheel heating temperature feedback NTC-	Models equipped with steering wheel heating
27	-	-	
28	-	-	
29	-	-	
30	0.35Y	Combination Switch & Multifunction Steering Wheel Button Power Supply	
31	0.35W/Y	Front passenger seat back ventilation speed adjustment	Models equipped with front seat ventilation
32	0.35G/Br	Front passenger seat cushion ventilation speed adjustment	Models equipped with front seat ventilation

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Terminal number	Wire Gauge and Color	Function	Note
33	0.35R/G	PCAN-H	
34	0.35L/G	PCAN-L	
35	0.35R/B	CAN3-H	
36	0.35L/B	CAN3-L	
37	-	-	
38	-	-	
39	-	-	
40	0.35O/L	Right side blind spot warning light	
41	-	-	
42	-	-	

IPX24&BDX24-ADDRESS PROPERTIES

Location	
	6.2.1 Floor wiring harness (page 205)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.13 Headlamp system circuit diagram (page 139)
	4.17 Power Window System (page 143)
	4.22 Front Seat Power Adjustment and Lumbar Support System Circuit Diagram (page 148)

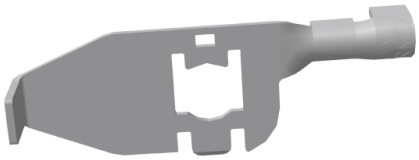
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	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.36 External Amplifier System Circuit Diagram (page 162)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)
Location Diagram	BDX24&IPX24 (page 809)

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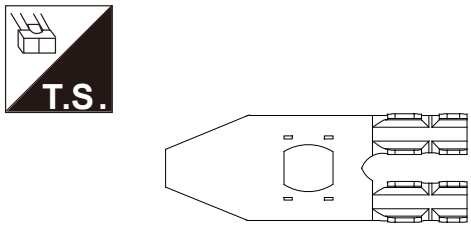
7.3.72 IPG03-1

IPG03-1-3D DRAWING



Connector Name	Ground
Connector Number	IPG03-1
Connector model	DJ471A(ZJZ)

IPG03-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Rain and light sensor EL081-1-2	Models equipped with power sunshades
1	0.35B	Right vanity mirror lamp EL052-2	Models equipped with power sunshades
1	0.35B	Rear vital sign detection radar EL228-1	Models equipped with power sunshades
1	0.35B	Forward-looking Monocular Camera Assembly EL231-1-5	Models equipped with power sunshades
1	0.35B	Front Vital Signs Dete	Models equipped with power sunshades

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Terminal number	Wire Gauge and Color	Function	Note
		ction Radar EL227-1	
1	0.35B	Front vital signs detection radar EL227-4	Models equipped with power sunshades

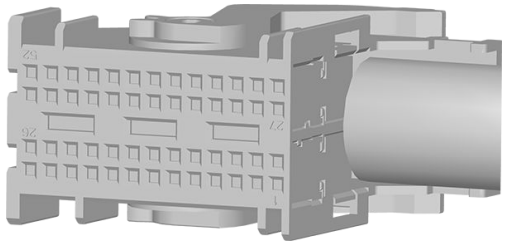
IPG03-1-ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.40 Forward-facing monocular camera system wiring diagram (vehicles equipped with power sunshade) (page 166)
	4.45 Vital Signs Detection Radar System Wiring Diagram (page 171)
Location Diagram	IPG03-1 (page 97)

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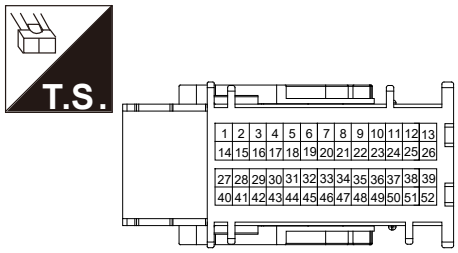
7.3.73 EL249-5 MAIN ZONE CONTROLLER

EL249-5 MAIN ZONE CONTROLLER - 3D DIAGRAM



Connector Name	Master Zone Controller
Connector Number	EL249-5
Connector model	2209477-2 Blue (TE)

EL249-5 MAIN ZONE CONTROLLER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	0.35O/B	MZCU LIN 1	
3	0.35Y/B	ON1A wake-up	
4	-	-	
5	-	-	
6	0.35G	Steering wheel heating temperature feedback NTC+	Models equipped with steering wheel heating
7	-	-	
8	0.35V	Front hood closing input 1 (digital)	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35G/L	Rear wiper stop switch	
10	0.35Br/Y	Front right overhead lamp switch input	Models not equipped with a power sunshade
10	0.35Br/Y	Front right overhead lamp switch input	Models equipped with power sunshades
11	0.35Gr/R	Horn switch (wake-up)	
12	-	-	
13	-	-	
14	0.35R	COM-CAN-H	
15	0.35L	COM-CAN-L	
16	0.35L/Y	BCAN-L	
17	0.35R/Y	BCAN-H	
18	-	-	
19	0.35Gr/G	Hazard warning switch input	Models not equipped with a power sunshade

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Terminal number	Wire Gauge and Color	Function	Note
19	0.35Gr/G	Hazard warning switch input	Models equipped with power sunshades
20	-	-	
21	0.35G/W	Front wiper stop switch	
22	0.35Br/R	Front left overhead lamp switch input	Models not equipped with a power sunshade
22	0.35Br/R	Front left overhead lamp switch input	Models equipped with power sunshades
23	-	-	
24	0.35Y/Br	Collision signal	
25	-	-	
26	0.35L/R	Front right reading lamp enable	Models not equipped with a power sunshade
26	0.35L/R	Front right reading lamp enable	Models equipped with power sunshades
27	0.35W/G	Driver's seat back ventilation sp	Models equipped with front sea

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Terminal number	Wire Gauge and Color	Function	Note
		eed adjustment	t ventilation
28	0.35W/Y	Front passenger seat back ventilation speed adjustment	Models equipped with front seat ventilation
29	0.35G/B	Driver's seat cushion ventilation speed adjustment	Models equipped with front seat ventilation
30	-	-	
31	-	-	
32	-	-	
33	-	-	
34	-	-	
35	-	-	
36	0.35B/L	Multifunction steering wheel button/Front reading lamp ground	
37	-	-	
38	0.35Y/R	Front left dome lamp enable	Models not equipped with a power sunshade

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Terminal number	Wire Gauge and Color	Function	Note
38	0.35Y/R	Front left dome lamp enable	Models equipped with power sunshades
39	0.35W/R	HPC Wake-Up Output	
40	0.35G/Br	Front passenger seat cushion ventilation speed adjustment	Models equipped with front seat ventilation
41	0.35Y/W	Vanity mirror lamp power supply	
42	-	-	
43	0.35O/L	Right side blind spot warning light	
44	0.35G/R	Reading lamp power supply	
45	-	-	
46	0.5P	Backlight power supply	
47	-	-	
48	-	-	
49	0.35Y	Horn output	

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Terminal number	Wire Gauge and Color	Function	Note
50	-	-	
51	0.35Lg	Hazard warning light indicator	Models not equipped with a power sunshade
51	0.35Lg	Hazard warning light indicator	Models equipped with power sunshades
52	-	-	

EL249-5 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTE

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.20 Horn System Circuit Diagram (page 146)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.26 LIN Network Topology Diagram (page 152)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

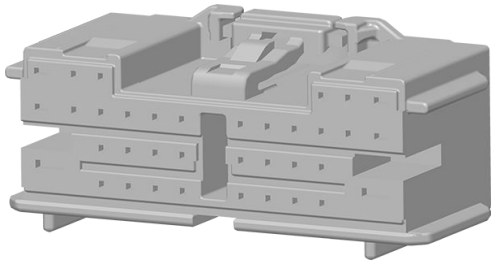
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	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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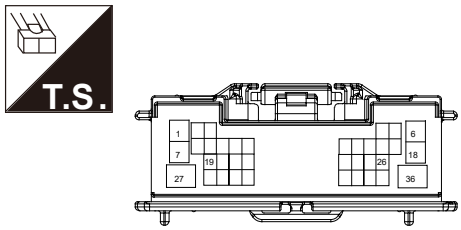
7.3.74 IPX06&EBX06

IPX06 & EBX06 - 3D DRAWING



Connector Name	IPX06&EBX06
Connector Number	IPX06
Connector model	6098-9092(SUM)

IPX06&EBX06-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	0.35Y	Horn output	
5	-	-	
6	0.75P	ON3 power supply	
7	-	-	
8	-	-	
9	-	-	
10	0.35R/Y	CAN7-H	Models not equipped with a power sunshade

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Terminal number	Wire Gauge and Color	Function	Note
11	0.35R/Y	CAN7-H	Models equipped with power sunshades
12	0.35L/Y	CAN7-L	Models not equipped with a power sunshade
13	0.35L/Y	CAN7-L	Models equipped with power sunshades
14	0.35Y/W		
15	0.35G/W	Front wiper stop switch	
16	0.35V	Front hood closing input 1 (digital)	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
25	-	-	
26	-	-	
27	-	-	
28	-	-	
28	2.0R/Y	ON2C Power	
29	-	-	
29	-	-	
30	0.35R/B	CCAN-H	
31	0.35L/B	CCAN-L	
32	0.35R	COM-CAN-H	
33	0.35L	COM-CAN-L	
34	0.35R/Y	BCAN-H	
35	0.35L/Y	BCAN-L	
36	-	-	

IPX06&EBX06 - ADDRESS PROPERTIES

Location	
	6.3.1 Instrument panel wiring harness (page 207)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

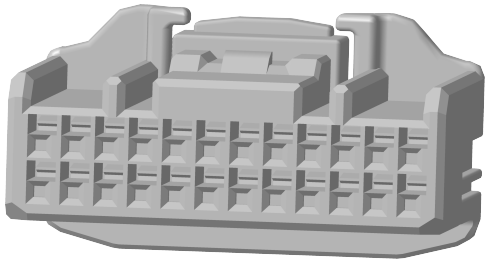
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	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.20 Horn System Circuit Diagram (page 146)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	EBX06&IPX06 (page 819)

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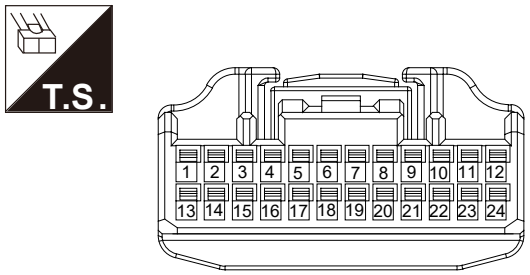
7.3.75 IPX27&BDX27

IPX27 & BDX27 - 3D DRAWING



Connector Name	IPX27&BDX27
Connector Number	IPX27
Connector model	2401811-1(TE)

IPX27&BDX27-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/Y	Driver's air bag+	
2	0.35Gr/B	Driver's air bag-	
3	0.35Lg	Alcolock high active input	
4	0.35B/W	Ultrasonic radar 1	
5	0.35Y/B	ON1-A Output	
6	0.35W	ON1-B Output	
7	-	-	
8	-	-	
9	0.35P	Ambient light power supply+	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35B/Y	Ambient light power supply -	
11	0.5L/R	Midrange speaker+	Models equipped with 12 speakers
12	0.5W/Y	Midrange speaker-	Models equipped with 12 speakers
13	0.35Br	BMS Wake-up	
14	-	-	
15	-	-	
16	-	-	
17	0.5B	Left curtain airbag positive	
18	0.5Lg	Left curtain airbag negative	
19	0.35W/L	Ultrasonic Radar Communication 1	
20	0.35W/R	Ultrasonic Radar Communication 2	
21	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
22	0.35Y/Br	Collision signal	
23	0.5R/Gr	Airbag ON 3 power supply	
24	0.35B/G	Ultrasonic radar 2	

IPX27&BDX27-ADDRESS PROPERTIES

Location	
	6.2.2 Floor wiring harness (page 206)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)

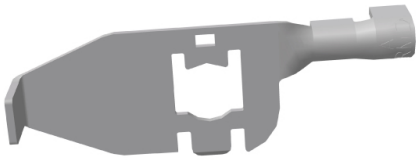
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	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.46 Alcolock Controller Circuit Diagram (page 172)
Location Diagram	BDX27&IPX27 (page 808)

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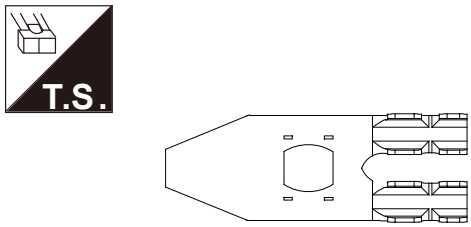
7.3.76 IPG01

IPG01-3D DRAWING



Connector Name	Ground
Connector Number	IPG01
Connector model	DJ471A(ZJZ)

IPG01-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Diagnostic Port EL004-5	
1	0.75B	Diagnostic Port EL004-4	
1	0.75B	Combination switch EL091-2-12	Models equipped with steering wheel heating
1	0.35B	Filter Assembly EL077-2	
1	0.35B	Combination switch EL091-2-17	
1	0.35B	Combination switch	

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Terminal number	Wire Gauge and Color	Function	Note
		EL091-2-18	
1	0.35B	Combination Switch EL091-2-7	

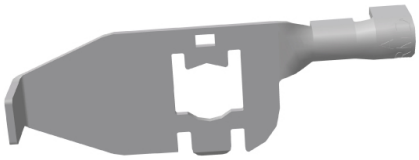
IPG01-ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.20 Horn System Circuit Diagram (page 146)
	4.25 OBD diagnostic interface (page 151)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.39 Electric A/C vent circuit diagram (page 165)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	IPG01 (page 93)

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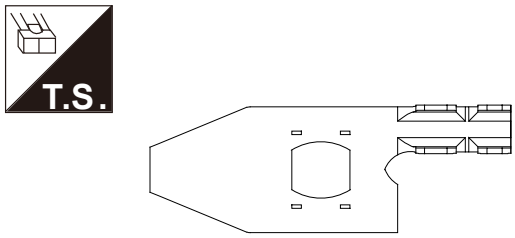
7.3.77 IPG04

IPG04-3D DRAWING



Connector Name	Ground
Connector Number	IPG04
Connector model	DJ481A(ZJZ)

IPG04-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Left vanity mirror lamp EL051-2	Models not equipped with a power sunshade
1	0.35B	Roof switch assembly EL092-4	Models not equipped with a power sunshade

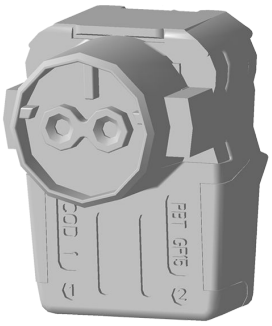
IPG04-ADDRESS PROPERTIES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
Location Diagram	IPG04 (page 98)

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7.3.78 TR005 FRONT PASSENGER AIRBAG ASSEMBLY

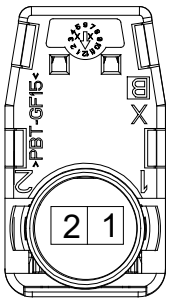
TR005 - FRONT PASSENGER AIRBAG ASSEMBLY - 3D DRAWING



Connector Name	Front Passenger Airbag Assembly
Connector Number	TR005
Connector model	13672195(DELPHI)

TR005 FRONT PASSENGER AIRBAG ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Y/R	Front passenger front airbag+	
2	0.5L/R	Front passenger front airbag -	

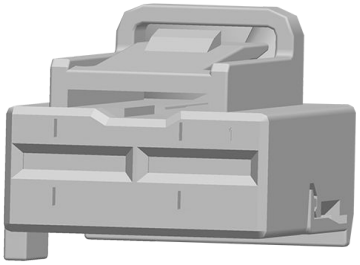
TR005 FRONT PASSENGER AIRBAG ASSEMBLY - ADDRESS ATTRIBUTES

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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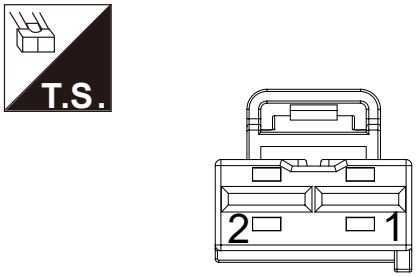
7.3.79 EL249-2 MAIN ZONE CONTROLLER

EL249-2 MAIN ZONE CONTROLLER - 3D VIEW



Connector Name	Master Zone Controller
Connector Number	EL249-2
Connector model	1-2447739-1(TE)

EL249-2 MAIN ZONE CONTROLLER - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	4.0R	Power 2	
2	4.0R/W	Power supply 3	

EL249-2 MAIN ZONE CONTROLLER - ADDRESS ATTRIBUTE

Location	
System	6.3.2 Instrument panel wiring harness (page 208)
	4.1 Airbag Control System Wiring Diagram (page 127)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.20 Horn System Circuit Diagram (page 146)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)

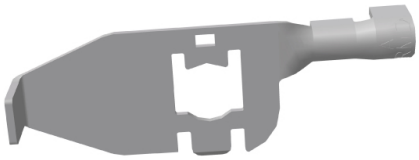
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	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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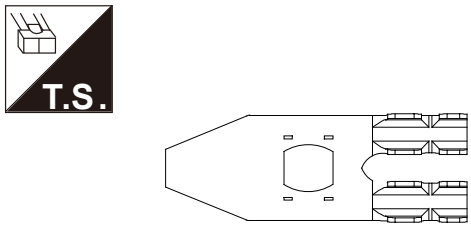
7.3.80 IPG06

IPG06-3D DIAGRAM



Connector Name	Ground
Connector Number	IPG06
Connector model	DJ471A(ZJZ)

IPG06-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.0B	Multi-domain Fusion Controller EL215-1-1	
1	1.0B	Multi-domain Fusion Controller EL215-1-3	
1	0.35B/G	Multi-domain fusion controller EL215-9-8	
1	0.5B	Telematics Control Unit (TCU) EL188-1-15	
1	0.5B	Telematics Control Unit EL188-1-16	

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Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	DAB Main Unit Assembly EL233-1-1	
1	0.5B	Front USB EL087-1-1	
1	0.5B	Rear USB Charging EL088-4	
1	0.5B	Wireless Charging Module Assembly EL084-4	
1	0.35B	Instrument display EL119-2-2	

IPG06-ADDRESS PROPERTIES

Location	
	6.3.1 Instrument panel wiring harness (page 207)
System	4.44 Electric Trailer Hitch Wiring Harness Interface Circuit Diagram (page 170)
	4.46 Alcolock Controller Circuit Diagram (page 172)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.12 Reverse radar system (page 138)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)

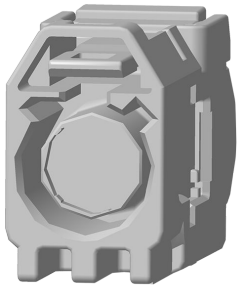
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	4.17 Power Window System (page 143)
	4.18 Gateway System Wiring Diagram (page 144)
	4.19 Backup Power Supply Circuit Diagram (page 145)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.33 Interior Ambient Lighting System Circuit Diagram (page 159)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.35 Instrument and Central Control Panel System Circuit Diagram (page 161)
	4.37 Smartphone Wireless Charging System Circuit Diagram (page 163)
	4.39 Electric A/C vent circuit diagram (page 165)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	IPG06 (page 101)

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7.3.81 IPX83&TGX83

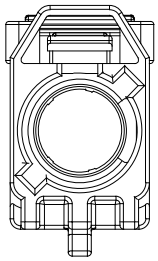
IPX83&TGX83-3D DRAWING



Connector Name	IPX83&TGX83
Connector Number	IPX83
Connector model	FAKRA Type A 2326911-1 Black (TE)

IPX83&TGX83-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	GPS antenna	

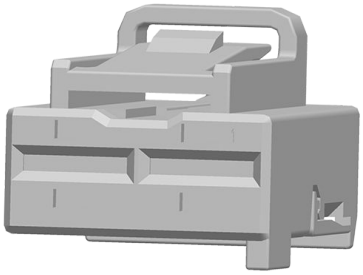
IPX83&TGX83-ADDRESS ATTRIBUTE

Location	6.3.1 Instrument panel wiring harness (page 207)
System	4.31 Telematics Host System Circuit Diagram (page 157)
Location Diagram	IPX83&TGX83 (page 832)

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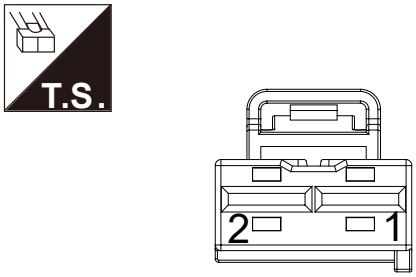
7.3.82 EL249-1 MAIN ZONE CONTROLLER

EL249-1 MAIN ZONE CONTROLLER - 3D DIAGRAM



Connector Name	Master Zone Controller
Connector Number	EL249-1
Connector model	4-2447739-1(TE)

EL249-1 MAIN ZONE CONTROLLER - 2D DIAGRAM



Terminal number	Wire Gauge and Color	Function	Note
1	4.0R/Y	Power supply 1	
2	6.0B	Power ground	

EL249-1 MAIN ZONE CONTROLLER - ADDRESS PROPERTIES

Location	6.3.2 Instrument panel wiring harness (page 208)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.13 Headlamp system circuit diagram (page 139)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.20 Horn System Circuit Diagram (page 146)
	4.24 Door Lock System Wiring Diagram (page 150)

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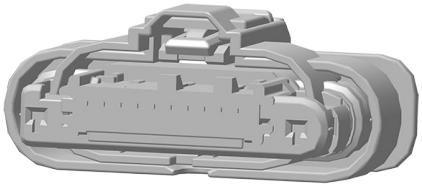
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
	4.43 Front Seat Ventilation and Heating System Circuit Diagram (page 169)

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7.4 7.4 FRONT BUMPER WIRING HARNESS

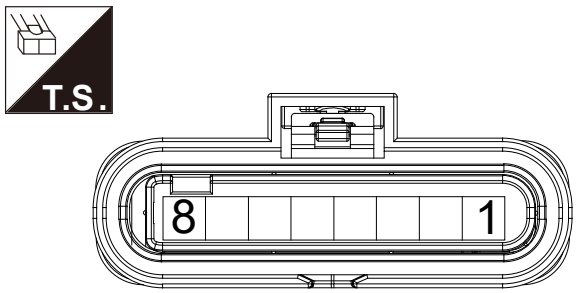
7.4.1 EL013 LEFT FRONT BLIND SPOT DETECTION RADAR

EL013 LEFT FRONT BLIND SPOT MONITORING RADAR - 3D DIAGRAM



Connector Name	Front left blind spot detection radar
Connector Number	EL013
Connector model	1-1719393-1(TE)

EL013 LEFT FRONT BLIND SPOT DETECTION RADAR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Address signal 1 (IO-1)	
2	-	-	
3	-	-	
4	-	-	
5	0.35B	Grounding	
6	0.35Y/L	CAN2-L	
7	0.35Y/B	CAN2-H	
8	0.35R/Br	Power	

EL013 LEFT FRONT BLIND SPOT DETECTION RADAR - ADDRESS ATTRIBUTE

Location	6.4.1 Front bumper wiring harness (page 209)

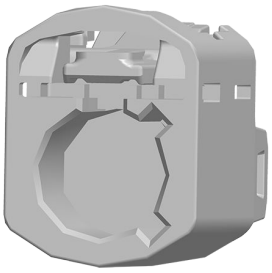
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System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)

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7.4.2 EL025 FRONT SURROUND VIEW CAMERA ASSEMBLY

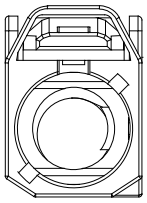
EL025 FRONT SURROUND VIEW CAMERA ASSEMBLY - 3D DIAGRAM



Connector Name	Front surround view camera assembly
Connector Number	EL025
Connector model	Type A 2380551-1 Black Waterproof (TE)

EL025 FRONT SURROUND VIEW CAMERA ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	

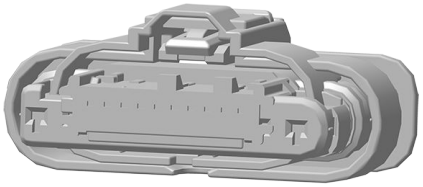
EL025 FRONT SURROUND VIEW CAMERA ASSEMBLY - ADDRESS PROPERTIES

Location	6.4.1 Front bumper wiring harness (page 209)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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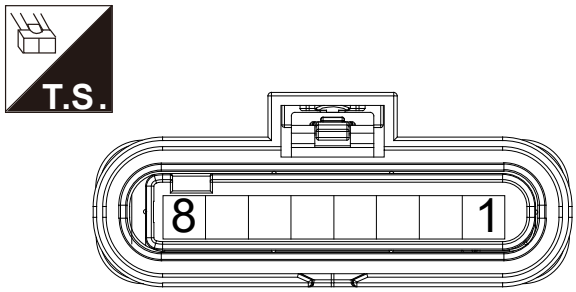
7.4.3 EL014 RIGHT FRONT BLIND SPOT MONITORING RADAR

EL014 RIGHT FRONT BLIND SPOT MONITORING RADAR - 3D DIAGRAM



Connector Name	Front right blind spot detecti on radar
Connector Number	EL014
Connector model	1-1719393-1(TE)

EL014 RIGHT FRONT BLIND SPOT DETECTION RADAR - 2D DIAGRAM



Ter mi nal nu mb er	Wire Gauge and C olor	Function	Note
1	0.35B	Address si gnal 1 (IO-1)	
2	0.35B	Address si gnal 2 (IO-2)	
3	-	-	
4	-	-	
5	0.35B	Grounding	
6	0.35Y/L	CAN2-L	
7	0.35Y/B	CAN2-H	
8	0.35R/Br	Power	

EL014 RIGHT FRONT BLIND SPOT DETECTION RADAR - ADDRESS ATTRIBUTE

Location	6.4.1 Front bumper wiring harness (page 209)

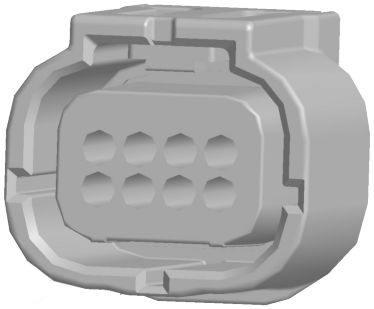
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System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)

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7.4.4 EL008 FORWARD COLLISION AVOIDANCE RADAR

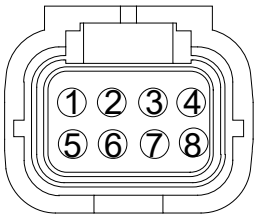
EL008 FORWARD COLLISION AVOIDANCE RADAR - 3D DIAGRAM



Connector Name	Forward collision radar
Connector Number	EL008
Connector model	7298-2755-30(YAZAKI)

EL008 FORWARD COLLISION AVOIDANCE RADAR - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35B	Power ground	
2	-	-	
3	-	-	
4	-	-	
5	0.35R/Y	CAN7-H	
6	0.35L/Y	CAN7-L	
7	-	-	
8	0.35R/Br	Power	

EL008 FORWARD COLLISION RADAR - ADDRESS PROPERTIES

Location	6.4.1 Front bumper wiring harness (page 209)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)

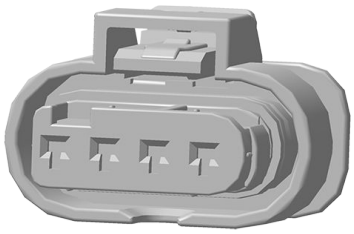
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	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)

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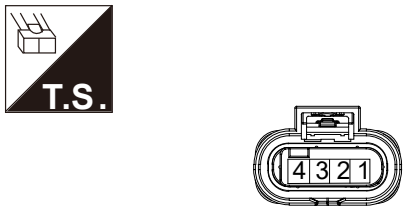
7.4.5 EL036 ACTIVE GRILLE

EL036 ACTIVE GRILLE SHUTTER - 3D DRAWING



Connector Name	Active Grille
Connector Number	EL036
Connector model	1-2355514-1(TE)

EL036 ACTIVE GRILLE - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	Positive power terminal	
2	-	-	
3	0.35O	Communication line	
4	0.35B	Grounding	

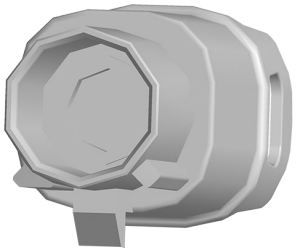
EL036 ACTIVE GRILLE SHUTTER - ADDRESS ATTRIBUTE

Location	6.4.1 Front bumper wiring harness (page 209)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)

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7.4.6 FBX02&EBX02

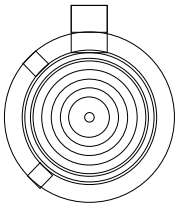
FBX02&EBX02 - 3D DRAWING



Connector Name	FBX02&EBX02
Connector Number	FBX02
Connector model	2307198-1 TYPE A Black(TE)

FBX02&EBX02-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Front surround view camera input	

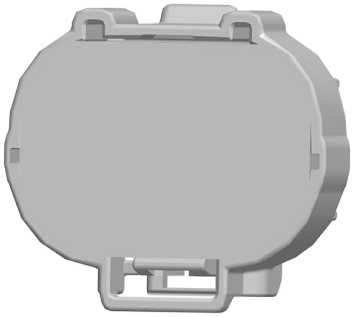
FBX02&EBX02-ADDRESS PROPERTIES

Location	6.4.1 Front bumper wiring harness (page 209)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	EBX02&FBX02 (page 821)

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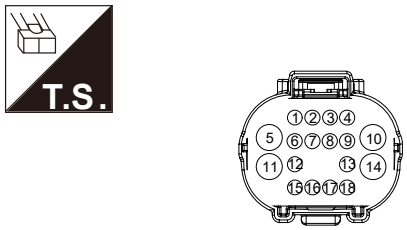
7.4.7 FBX01&EBX01

FBX01&EBX01-3D DRAWING



Connector Name	FBX01&EBX01
Connector Number	FBX01
Connector model	6188-5911(SUM)

FBX01&EBX01-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/L	Grille power supply	
2	0.35O	Grille communication line	
3	-	-	
4	-	-	
5	-	-	
6	0.35Y/B	CAN2-H	
7	0.35Y/L	CAN2-L	
8	0.35Y/B	CAN2-H	
9	0.35Y/L	CAN2-L	
10	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	0.35R/Br	Forward collision avoidance radar and front blind spot monitoring radar power supply	
13	0.35B	Forward collision avoidance radar / Front blind spot monitoring radar / Front grille ground	
14	-	-	
15	-	-	
16	-	-	
17	0.35R/Y	CAN7-H	
18	0.35L/Y	CAN7-L	

FBX01&EBX01-ADDRESS PROPERTIES

Location	6.4.1 Front bumper wiring harness (page 209)
System	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.11 Forward Collision Avoidance Radar System Wiring Diagram (page 137)

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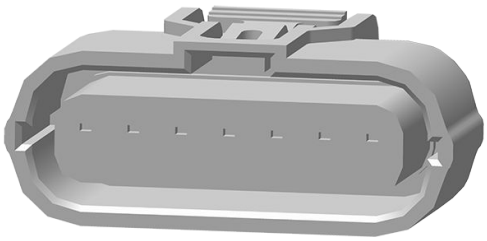
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.26 LIN Network Topology Diagram (page 152)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	EBX01&FBX01 (page 824)

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7.5 7.5 FRONT LEFT DOOR WIRING HARNESS

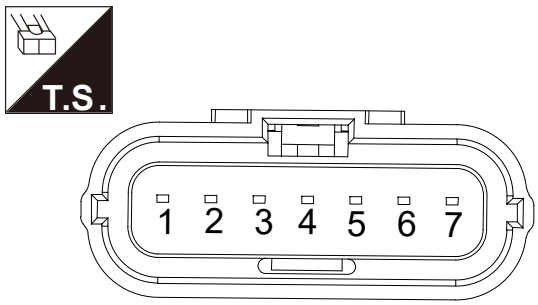
7.5.1 BY013 FRONT LEFT DOOR LOCK

BY013 FRONT LEFT DOOR LOCK - 3D DRAWING



Connector Name	Front left door lock
Connector Number	BY013
Connector model	6189-0855(SUM)

BY013 FRONT LEFT DOOR LOCK-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O	Front left door lock half-open signal	
2	0.35Y/W	Driver's door lock status feedback	
3	0.35B	Grounding	
4	-	-	
5	0.75L/W	Driver's door mechanical lock locking	
6	-	-	
7	0.75Br/W	Driver's door mechani	

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Terminal number	Wire Gauge and Color	Function	Note
		cal lock unlocking	

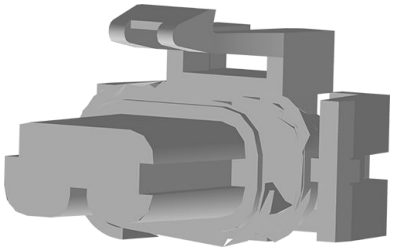
BY013 FRONT LEFT DOOR LOCK-ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.24 Door Lock System Wiring Diagram (page 150)

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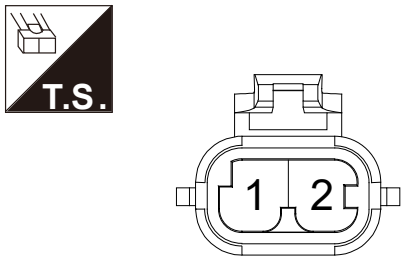
7.5.2 BY002 FRONT LEFT DOOR WINDOW REGULATOR MOTOR

BY002 FRONT LEFT POWER WINDOW REGULATOR MOTOR - 3D DRAWING



Connector Name	Front left door window regulator motor
Connector Number	BY002
Connector model	12129487(DELPHI)

BY002 FRONT LEFT DOOR WINDOW REGULATOR MOTOR-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0R/B	Left front power window down	
2	2.0G	Front left power window up	

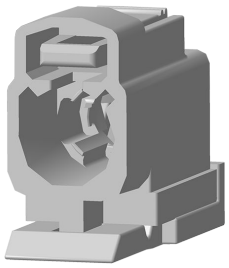
BY002 FRONT LEFT DOOR POWER WINDOW REGULATOR MOTOR - ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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7.5.3 EL027 LEFT SURROUND VIEW CAMERA ASSEMBLY

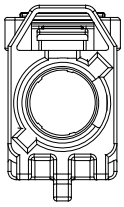
EL027 LEFT SURROUND VIEW CAMERA ASSEMBLY - 3D DRAWING



Connector Name	Left surround view camera assembly
Connector Number	EL027
Connector model	FAKRA TYPE C 2326911-3 Blue (TE)

EL027 LEFT SURROUND VIEW CAMERA ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Left Surround View Camera Input	

EL027 LEFT SURROUND VIEW CAMERA ASSEMBLY - ADDRESS PROPERTIES

Location	6.5.1 Left front door wiring harness (page 210)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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7.5.4 BY034 FRONT LEFT MECHANICAL DOOR HANDLE

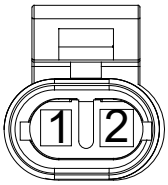
BY034 FRONT LEFT MECHANICAL DOOR HANDLE - 3D DRAWING



Connector Name	Front left mechanical door handle
Connector Number	BY034
Connector model	PP0450305(THB)

BY034 FRONT LEFT MECHANICAL DOOR HANDLE-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/G	Request Switch Signal 1	
2	0.35B	Request switch signal 2	

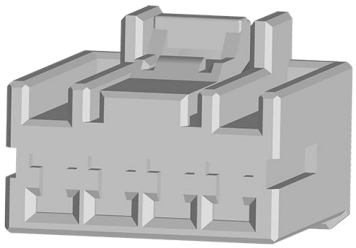
BY034 FRONT LEFT MECHANICAL DOOR HANDLE - ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.31 Telematics Host System Circuit Diagram (page 157)

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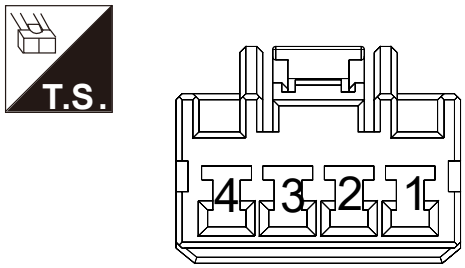
7.5.5 EL103 FRONT LEFT DOOR WOOFER ASSEMBLY

EL103 FRONT LEFT DOOR WOOFER ASSEMBLY-3D DRAWING



Connector Name	Front left door woofer assembly
Connector Number	EL103
Connector model	936227-1(TE)

EL103 FRONT LEFT DOOR WOOFER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5Gr/R	Front left door woofer +	
2	-	-	
3	0.5Gr	Front left door woofer -	
4	-	-	

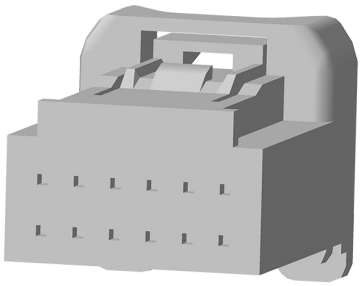
EL103 FRONT LEFT DOOR WOOFER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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7.5.6 FLX35&FLBX35

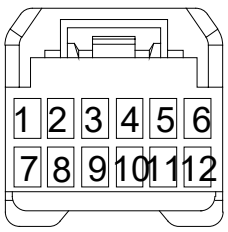
FLX35&FLBX35-3D DRAWING



Connector Name	FLX35&FLBX35
Connector Number	FLX35
Connector model	6098-5275(SUM)

FLX35&FLBX35-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35R/W	Driver's up/down signal output	
3	0.35G/B	Passenger Up/Down Signal Output	
4	0.35W/L	Rear left power window signal output	
5	0.35Y/L	Rear right power window signal output	
6	0.35B	Grounding	
7	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35B/W	Front left power window signal ground	
9	-	-	
10	0.35G	PEPS Antenna 2-	
11	0.35G/W	PEPS Antenna 2+	
12	-	-	

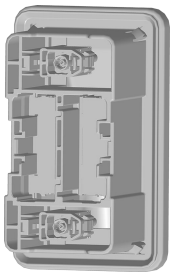
FLX35&FLBX35-ADDRESS ATTRIBUTES

Location	6.5.1 Left front door wiring harness (page 210)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.32 PEPS System Circuit Diagram (page 158)
Location Diagram	FLX35&FLBX35 (page 831)

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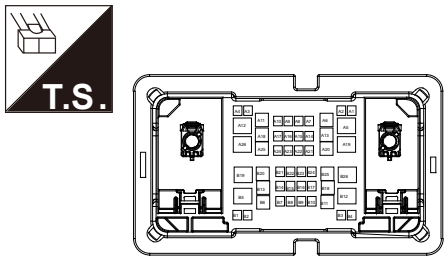
7.5.7 FLX76-1&BDX76-1

FLX76-1&BDX76-1-3D DRAWING



Connector Name	FLX76-1&BDX76-1
Connector Number	FLX76-1
Connector model	6098-8932(SUM)

FLX76-1&BDX76-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
B1	0.35Y/G	Driver's door handle wake-up signal input	
B2	-	-	
B3	0.35G	PEPS Antenna 2-	
B4	0.35G/W	PEPS Antenna 2+	
B5	2.0G	Front left power window up	
B6	-	-	
B7	-	-	
B8	0.35R/W	Front left window switch	
B9	0.35G/B	Driver-side front passe	

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Terminal number	Wire Gauge and Color	Function	Note
		nger window switch	
B10	0.35B/W	Front left power window signal ground	
B11	-	-	
B12	2.0R/B	Left front power window down	
B13	0.75L/W	Driver's door mechanical lock locking	
B14	0.35W/L	Driver's side left rear window switch	
B15	0.35Y/L	Driver side right rear window switch	
B16	-	-	
B17	-	-	
B18	-	-	
B19	-	-	
B20	0.75Br/W	Driver's door mechani	

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Terminal number	Wire Gauge and Color	Function	Note
		cal lock unlocking	
B21	0.35Y/W	Driver's door lock status feedback	
B22	0.35O	Front left door lock half-open signal	
B23	0.5Gr/R	Left front subwoofer+	
B24	0.5Gr	Left front woofer-	
B25	-	-	
B26	-	-	

FLX76-1&BDX76-1-ADDRESS ATTRIBUTES

Location	6.5.1 Left front door wiring harness (page 210)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.32 PEPS System Circuit Diagram (page 158)
	4.36 External Amplifier System Circuit Diagram (page 162)

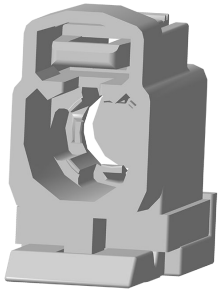
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Location Diagram	BDX76-1&FLX76-1 (page 813)

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7.5.8 FLX76-3&BDX76-3

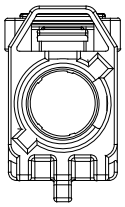
FLX76-3&BDX76-3-3D DRAWING



Connector Name	FLX76-3&BDX76-3
Connector Number	FLX76-3
Connector model	FAKRA Type A 2326911-1 Black (TE)

FLX76-3 & BDX76-3 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Left Surround View Camera Input	

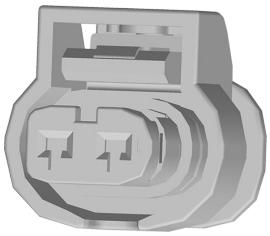
FLX76-3&BDX76-3-ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	BDX76-3&FLX76-3 (page 818)

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7.5.9 TR014 LEFT IMPACT PRESSURE SENSOR

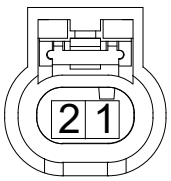
TR014 LEFT CRASH PRESSURE SENSOR - 3D VIEW



Connector Name	Left side impact pressure sen sor
Connector Number	TR014
Connector model	PP0450305(THB)

TR014 LEFT CRASH PRESSURE SENSOR-2D DRAWING





Ter mi nal nu mb er	Wire Gauge and C olor	Function	Note
1	0.35L/ R	Left door p ressure se nsor+	
2	0.35Br	Left door p ressure se nsor-	

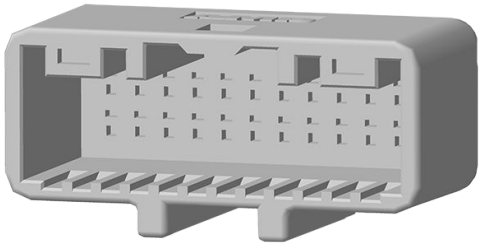
TR014 LEFT SIDE IMPACT PRESSURE SENSOR - ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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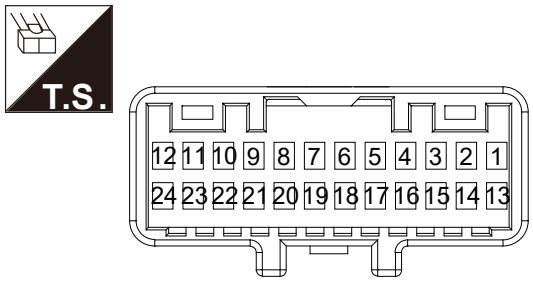
7.5.10 TR031 LEFT EXTERIOR REARVIEW MIRROR ASSEMBLY

TR031 LEFT EXTERIOR REARVIEW MIRROR ASSEMBLY - 3D DRAWING



Connector Name	Left exterior rearview mirror assembly
Connector Number	TR031
Connector model	1473413-1(TE)

TR031 LEFT EXTERIOR REARVIEW MIRROR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/L	Left exterior rearview mirror glass left/right adjustment power	
2	0.35W	Rearview mirror adjustment common terminal	
3	0.35L/B	Rearview mirror up/down adjustment power	
4	0.35B	Turn signal lamp ground	
5	0.35V	Turn signal power	

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Terminal number	Wire Gauge and Color	Function	Note
6	0.35W/R	Rearview mirror heating power	
7	0.35W/G	Rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
8	0.35R/Y	Rearview mirror folding power	Models equipped with power-folding exterior mirrors
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.35Y/B	Blind spot warning light power	
16	0.35B	Grounding of blind spot warning lamp	
17	0.35B	Rearview mirror heating ground	
18	-	-	
19	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

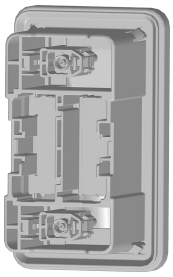
TR031 LEFT EXTERIOR REARVIEW MIRROR ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.5.1 Left front door wiring harness (page 210)
System	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)

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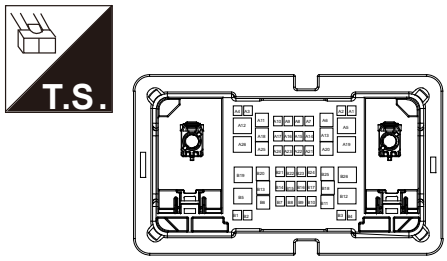
7.5.11 FLX76-2&BDX76-2

FLX76-2&BDX76-2-3D DRAWING



Connector Name	FLX76-2&BDX76-2
Connector Number	FLX76-2
Connector model	6098-8932(SUM)

FLX76-2&BDX76-2-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
A1	-	-	
A2	-	-	
A3	0.35W	Left exterior rearview mirror adjustment common terminal	
A4	0.35L/B	Left exterior mirror up/down adjustment power	
A5	-	-	
A6	0.75B	Grounding	
A7	0.35V	Turn signal power	

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Terminal number	Wire Gauge and Color	Function	Note
A8	0.35Y/B	Blind spot warning light power	
A9	0.35W/R	Left exterior rearview mirror heating power supply	
A10	0.35G/L	Left exterior rearview mirror glass left/right adjustment power	
A11	-	-	
A12	-	-	
A13	0.35P	Backlight power supply	
A14	0.35W/G	Left exterior rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
A15	0.35R/Y	Left rearview mirror folding power	Models equipped with power-folding exterior mirrors
A16	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
A17	-	-	
A18	-	-	
A19	-	-	
A20	-	-	
A21	-	-	
A22	0.35L/R	Left door pressure sensor+	
A23	0.35Br	Left door pressure sensor-	
A24	-	-	
A25	-	-	
A26	-	-	

FLX76-2&BDX76-2-ADDRESS ATTRIBUTES

Location	6.5.1 Left front door wiring harness (page 210)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)

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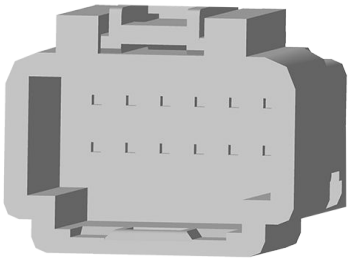
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.31 Telematics Host System Circuit Diagram (page 157)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDX76-2&FLX76-2 (page 814)

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7.6 7.6 FRONT LEFT DOOR TRIM PANEL WIRING HARNESS

7.6.1 FLBX35&FLX35

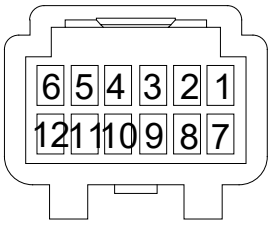
FLBX35&FLX35-3D DRAWING



Connector Name	FLBX35&FLX35
Connector Number	FLBX35
Connector model	6098-5277(SUM)

FLBX35&FLX35-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35R/W	Driver's up/down signal output	
3	0.35G/B	Passenger Up/Down Signal Output	
4	0.35W/L	Rear left power window signal output	
5	0.35Y/L	Rear right power window signal output	
6	0.35B	Grounding	

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Terminal number	Wire Gauge and Color	Function	Note
7	-	-	
8	0.35B/W	Front left power window signal ground	
9	-	-	
10	0.35G	PEPS Antenna 2-	
11	0.35G/W	PEPS Antenna 2+	
12	-	-	

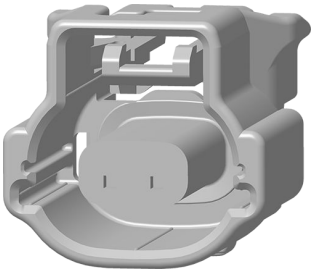
FLBX35&FLX35-ADDRESS PROPERTIES

Location	6.6.1 Front left door trim panel wiring harness (page 211)
System	4.32 PEPS System Circuit Diagram (page 158)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
Location Diagram	FLX35&FLBX35 (page 831)

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7.6.2 EL125 FRONT LEFT DOOR HANDLE ANTENNA

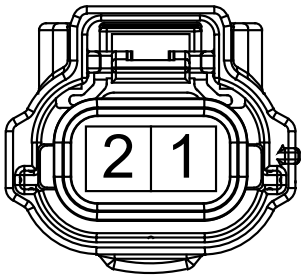
EL125 LEFT FRONT DOOR HANDLE ANTENNA-3D DRAWING



Connector Name	Front left door handle antenna
Connector Number	EL125
Connector model	6189-7523(SUM)

EL125 FRONT LEFT DOOR HANDLE ANTENNA-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35G/W	PEPS Antenna 2+	
2	0.35G	PEPS Antenna 2-	

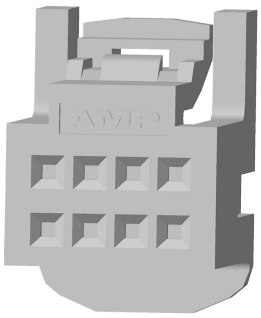
EL125 FRONT LEFT DOOR HANDLE ANTENNA - ADDRESS ATTRIBUTE

Location	6.6.1 Front left door trim panel wiring harness (page 211)
System	4.32 PEPS System Circuit Diagram (page 158)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.6.3 EL093 FRONT LEFT DOOR POWER WINDOW CONTROL SWITCH

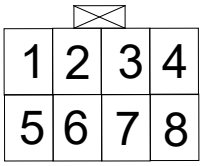
EL093 FRONT LEFT DOOR POWER WINDOW CONTROL SWITCH-3D VIEW



Connector Name	Front left door window control switch
Connector Number	EL093
Connector model	1376352-1(TE)

EL093 FRONT LEFT POWER WINDOW CONTROL SWITCH-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35R/W	Driver's up/down signal output	
3	0.35W/L	Rear left power window signal output	
4	0.35B/W	Lift signal ground	
5	0.35Y/L	Rear right power window signal output	
6	0.35G/B	Passenger Up/Down Signal Output	

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Terminal number	Wire Gauge and Color	Function	Note
7	0.35B	Grounding	
8	-	-	

EL093 FRONT LEFT DOOR WINDOW CONTROL SWITCH-ADDRESS ATTRIBUTE

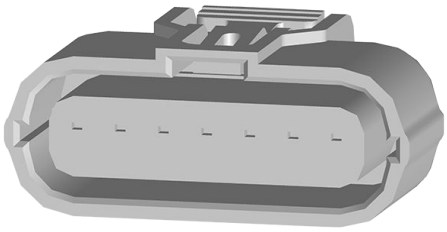
Location	6.6.1 Front left door trim panel wiring harness (page 211)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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7.7 7.7 RIGHT FRONT DOOR WIRING HARNESS

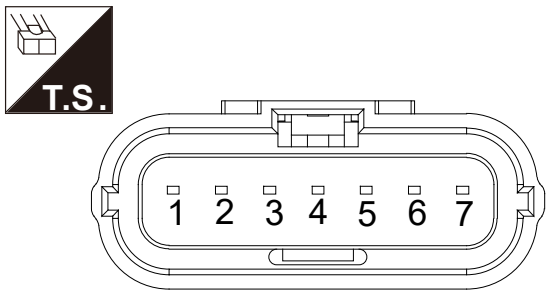
7.7.1 BY014 FRONT RIGHT DOOR LOCK

BY014 FRONT RIGHT DOOR LOCK - 3D VIEW



Connector Name	Front right door lock
Connector Number	BY014
Connector model	6189-0855(SUM)

BY014 FRONT RIGHT DOOR LOCK-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75Br	Unlock	
2	-	-	
3	0.75L/W	Lock	
4	-	-	
5	0.35B	Grounding	
6	-	-	
7	0.35O/W	Front right door lock half-open signal	

BY014 FRONT RIGHT DOOR LOCK - ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)

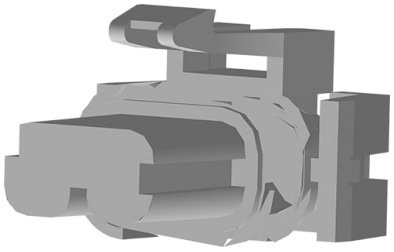
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	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.24 Door Lock System Wiring Diagram (page 150)

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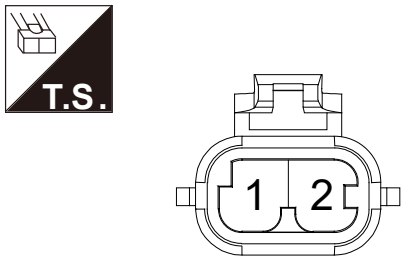
7.7.2 BY003 RIGHT FRONT DOOR WINDOW REGULATOR MOTOR

BY003 FRONT RIGHT DOOR WINDOW REGULATOR MOTOR - 3D DRAWING



Connector Name	Front right door window regulator motor
Connector Number	BY003
Connector model	12129487(DELPHI)

BY003 RIGHT FRONT DOOR WINDOW REGULATOR MOTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B/W	Front right window down	
2	2.0R/Y	Right front window up	

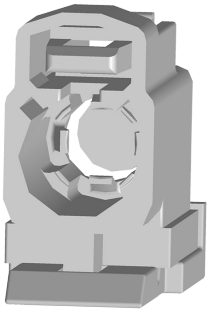
BY003 FRONT RIGHT DOOR WINDOW REGULATOR MOTOR - ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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7.7.3 EL028 RIGHT SURROUND VIEW CAMERA ASSEMBLY

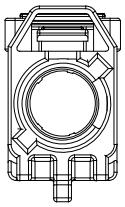
EL028 RIGHT SURROUND VIEW CAMERA ASSEMBLY - 3D DRAWING



Connector Name	Right surround view camera assembly
Connector Number	EL028
Connector model	FAKRA TYPE C 2326911-3 Blue (TE)

EL028 RIGHT SURROUND VIEW CAMERA ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Right surround view camera input	

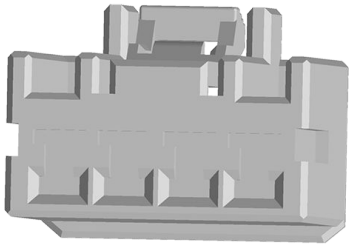
EL028 RIGHT SURROUND VIEW CAMERA ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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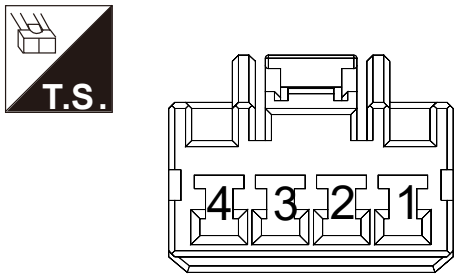
7.7.4 EL104 RIGHT FRONT DOOR WOOFER ASSEMBLY

EL104 RIGHT FRONT DOOR WOOFER ASSEMBLY - 3D DRAWING



Connector Name	Front right door woofer assembly
Connector Number	EL104
Connector model	936227-1(TE)

EL104 RIGHT FRONT DOOR WOOFER ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5G/Y	Front right door woofer+	
2	-	-	
3	0.5Y/R	Front right door woofer-	
4	-	-	

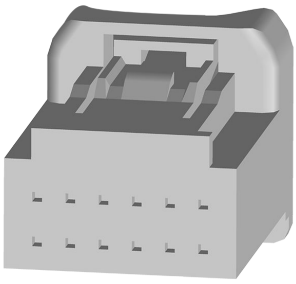
EL104 RIGHT FRONT DOOR WOOFER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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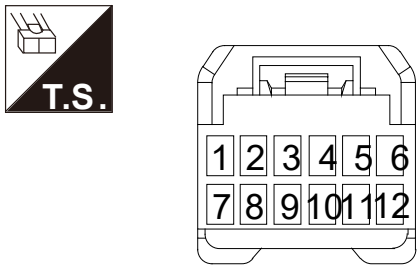
7.7.5 FRX40&FRBX40

FRX40&FRBX40-3D DRAWING



Connector Name	FRX40&FRBX40
Connector Number	FRX40
Connector model	6098-5275(SUM)

FRX40&FRBX40-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35R/B	Front right window lift signal output	
3	-	-	
4	-	-	
5	-	-	
6	0.35B	Grounding	
7	-	-	
8	0.35B/W	Front right power window signal ground	
9	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35L	PEPS antenna 4-	
11	0.35L/B	PEPS Antenna 4+	
12	-	-	

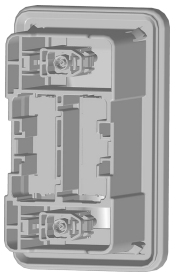
FRX40&FRBX40-ADDRESS ATTRIBUTES

Location	6.9.1 Right front door wiring harness (page 214)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.32 PEPS System Circuit Diagram (page 158)
Location Diagram	FRX40&FRBX40 (page 827)

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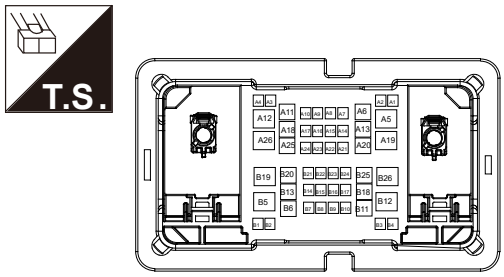
7.7.6 FRX77-1&BDX77-1

FRX77-1&BDX77-1-3D DRAWING



Connector Name	FRX77-1&BDX77-1
Connector Number	FRX77-1
Connector model	6098-8932(SUM)

FRX77-1&BDX77-1-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
B1	-	-	
B2	-	-	
B3	-	-	
B4	-	-	
B5	2.0R/Y	Right front window up	
B6	-	-	
B7	0.35L	PEPS antenna 4-	
B8	0.35L/B	PEPS Antenna 4+	
B9	-	-	
B10	-	-	
B11	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
B12	2.0B/W	Front right window down	
B13	0.75L/W	Passenger Side Door Lock	
B14	0.35R/B	Front right window lift signal output	
B15	0.35B/W	Front right power window signal ground	
B16	-	-	
B17	-	-	
B18	-	-	
B19	-	-	
B20	0.75Br	Passenger side door unlock	
B21	-	-	
B22	0.35O/W	Front right door lock half-open signal	

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Terminal number	Wire Gauge and Color	Function	Note
B23	0.5G/Y	Front right woofer +	
B24	0.5Y/R	Front right woofer-	
B25	-	-	
B26	-	-	

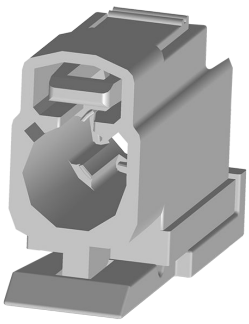
FRX77-1&BDX77-1-ADDRESS ATTRIBUTES

Location	6.9.1 Right front door wiring harness (page 214)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.32 PEPS System Circuit Diagram (page 158)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX77-1&FRX77-1 (page 816)

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7.7.7 FRX77-3&BDX77-3

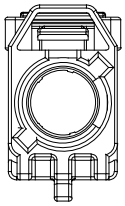
FRX77-3&BDX77-3-3D DRAWING



Connector Name	FRX77-3&BDX77-3
Connector Number	FRX77-3
Connector model	FAKRA Type A 2326911-1 Black (TE)

FRX77-3&BDX77-3-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Right surround view camera input	

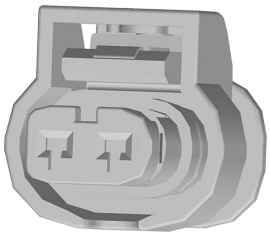
FRX77-3&BDX77-3-ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	BDX77-3&FRX77-3 (page 822)

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7.7.8 TR015 RIGHT CRASH PRESSURE SENSOR

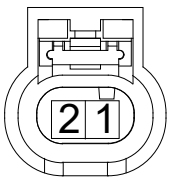
TR015 RIGHT SIDE IMPACT PRESSURE SENSOR - 3D VIEW



Connector Name	Right impact pressure sensor
Connector Number	TR015
Connector model	805-120-521(Hirschmann)

TR015 RIGHT SIDE IMPACT PRESSURE SENSOR - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/L	Right pressure sensor+	
2	0.35R/L	Right side pressure sensor-	

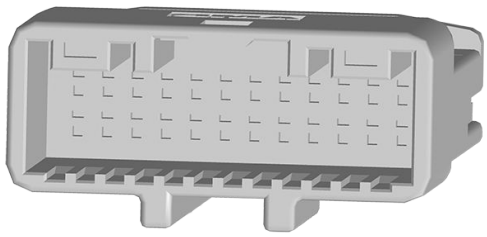
TR015 RIGHT SIDE IMPACT PRESSURE SENSOR - ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.1 Airbag Control System Wiring Diagram (page 127)

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7.7.9 TR032 RIGHT EXTERIOR REARVIEW MIRROR ASSEMBLY

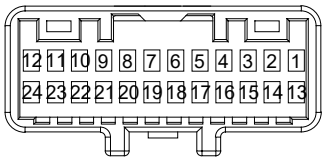
TR032 RIGHT EXTERIOR REARVIEW MIRROR ASSEMBLY - 3D DRAWING



Connector Name	Right exterior rearview mirro r assembly
Connector Number	TR032
Connector model	1473413-1(TE)

TR032 RIGHT EXTERIOR REARVIEW MIRROR ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35V	Rearview mirror up/ down adjustment po wer	
2	0.35Y/ L	Rearview mirror adjustment co mmon ter minal	
3	0.35G r/L	Rearview mirror left/ right adjus tment pow er supply	
4	0.35B	Turn signal lamp grou nd	
5	0.35Br /W	Turn signal power	

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Terminal number	Wire Gauge and Color	Function	Note
6	0.35W/R	Right rearview mirror heating power supply	
7	0.35W/G	Rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
8	0.35R/Y	Rearview mirror folding power	Models equipped with power-folding exterior mirrors
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.35O/L	Blind spot warning light power	
16	0.35B	Grounding of blind spot warning lamp	
17	0.35B	Rearview mirror heating ground	
18	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	

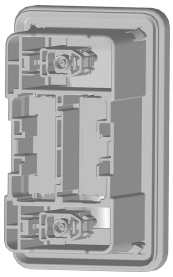
TR032 RIGHT EXTERIOR REARVIEW MIRROR ASSEMBLY-ADDRESS ATTRIBUTE

Location	6.9.1 Right front door wiring harness (page 214)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)

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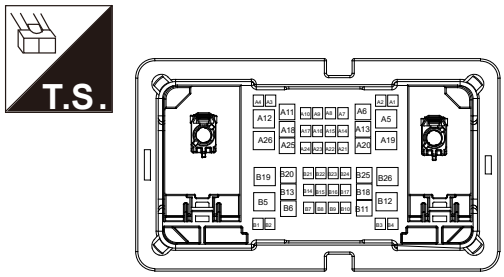
7.7.10 FRX77-2&BDX77-2

FRX77-2&BDX77-2-3D DRAWING



Connector Name	FRX77-2&BDX77-2
Connector Number	FRX77-2
Connector model	6098-8932(SUM)

FRX77-2&BDX77-2-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
A1	-	-	
A2	-	-	
A3	0.35Y/L	Rearview mirror adjustment common terminal	
A4	0.35V	Rearview mirror up/down adjustment power	
A5	-	-	
A6	0.75B	Grounding	
A7	0.35Br/W	Turn signal power	
A8	0.35O/L	Blind spot warning light power	

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Terminal number	Wire Gauge and Color	Function	Note
A9	0.35W/R	Right rearview mirror heating power supply	
A10	0.35Gr/L	Rearview mirror left/right adjustment power supply	
A11	-	-	
A12	-	-	
A13	0.35P	Backlight power supply	
A14	0.35W/G	Rearview mirror unfolding power	Models equipped with power-folding exterior mirrors
A15	0.35R/Y	Rearview mirror folding power	Models equipped with power-folding exterior mirrors
A16	-	-	
A17	-	-	
A18	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
A19	-	-	
A20	-	-	
A21	-	-	
A22	0.35W/L	Right pressure sensor+	
A23	0.35R/L	Right side pressure sensor-	
A24	-	-	
A25	-	-	
A26	-	-	

FRX77-2&BDX77-2-ADDRESS ATTRIBUTES

Location	
	6.9.1 Right front door wiring harness (page 214)
System	4.1 Airbag Control System Wiring Diagram (page 127)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.27 Power Exterior Rearview Mirror Adjustment and Heating System Circuit Diagram (page 153)

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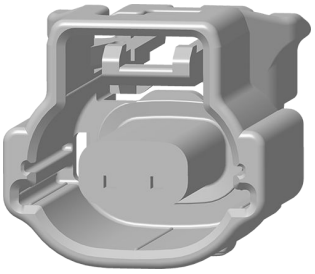
	4.29 Turn signal and hazard warning lamp system wiring diagram (page 155)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
Location Diagram	BDX77-2&FRX77-2 (page 823)

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7.8 7.8 RIGHT FRONT DOOR TRIM PANEL WIRING HARNESS

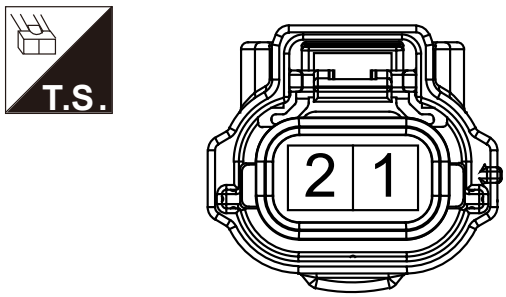
7.8.1 EL126 RIGHT FRONT DOOR HANDLE ANTENNA

EL126 RIGHT FRONT DOOR HANDLE ANTENNA - 3D VIEW



Connector Name	Front right door handle antenna
Connector Number	EL126
Connector model	6189-7523(SUM)

EL126 FRONT RIGHT DOOR HANDLE ANTENNA - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35L/B	PEPS Antenna 4+	
2	0.35L	PEPS antenna 4-	

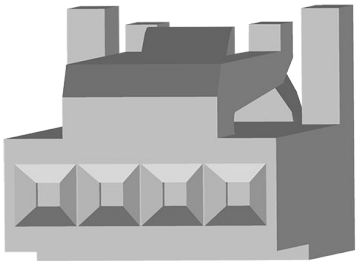
EL126 RIGHT FRONT DOOR HANDLE ANTENNA-ADDRESS ATTRIBUTE

Location	6.10.1 Front right door trim panel wiring harness (page 215)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.32 PEPS System Circuit Diagram (page 158)

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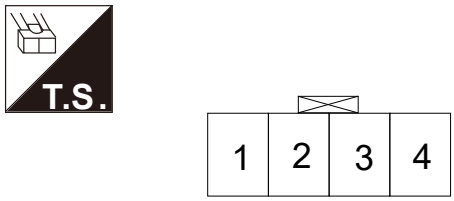
7.8.2 EL094 RIGHT FRONT DOOR WINDOW CONTROL SWITCH

EL094 RIGHT FRONT DOOR WINDOW CONTROL SWITCH - 3D VIEW



Connector Name	Front right door window control switch
Connector Number	EL094
Connector model	1318620-1(TE)

EL094 RIGHT FRONT DOOR WINDOW CONTROL SWITCH - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35R/B	Lift signal output	
4	0.35B/W	Lift signal ground	

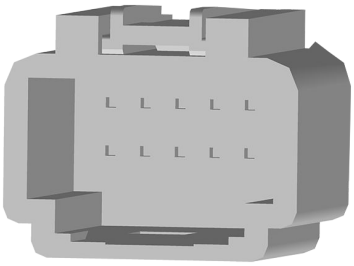
EL094 FRONT RIGHT POWER WINDOW CONTROL SWITCH-ADDRESS ATTRIBUTE

Location	6.10.1 Front right door trim panel wiring harness (page 215)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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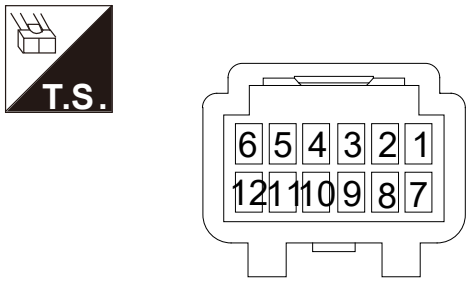
7.8.3 FRBX40&FRX40

FRBX40&FRX40-3D DRAWING



Connector Name	FRBX40&FRX40
Connector Number	FRBX40
Connector model	6098-5277(SUM)

FRBX40&FRX40-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35R/B	Front right window lift signal output	
3	-	-	
4	-	-	
5	-	-	
6	0.35B	Grounding	
7	-	-	
8	0.35B/W	Front right power window signal ground	
9	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
10	0.35L	PEPS antenna 4-	
11	0.35L/B	PEPS Antenna 4+	
12	-	-	

FRBX40&FRX40-ADDRESS ATTRIBUTES

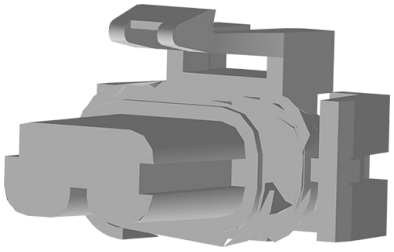
Location	6.10.1 Front right door trim panel wiring harness (page 215)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.32 PEPS System Circuit Diagram (page 158)
Location Diagram	FRX40&FRBX40 (page 827)

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7.9 7.9 REAR LEFT DOOR WIRING HARNESS

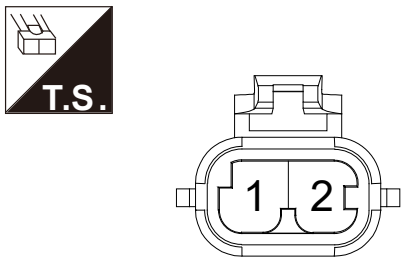
7.9.1 BY004 REAR LEFT DOOR WINDOW REGULATOR MOTOR

BY004 REAR LEFT DOOR WINDOW REGULATOR MOTOR - 3D DRAWING



Connector Name	Rear left window regulator motor
Connector Number	BY004
Connector model	12129487(DELPHI)

BY004 REAR LEFT DOOR WINDOW REGULATOR MOTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B/W	Rear left window down	
2	2.0R/Y	Left rear window up	

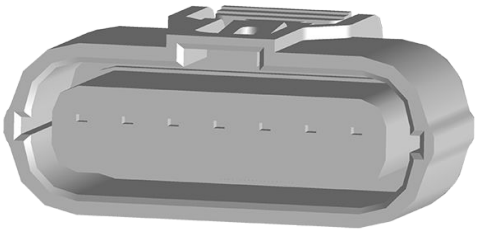
BY004 REAR LEFT DOOR WINDOW REGULATOR MOTOR - ADDRESS ATTRIBUTE

Location	6.7.1 Rear left door wiring harness (page 212)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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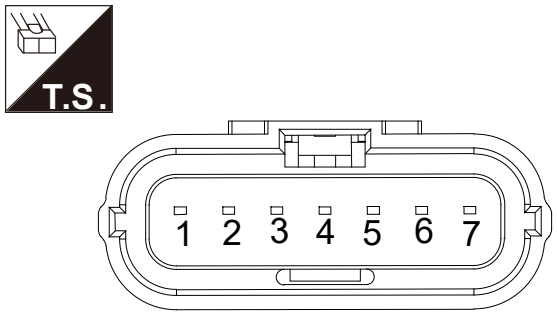
7.9.2 BY015 REAR LEFT DOOR LOCK

BY015 REAR LEFT DOOR LOCK - 3D VIEW



Connector Name	Rear left door lock
Connector Number	BY015
Connector model	6189-0855(SUM)

BY015 REAR LEFT DOOR LOCK - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Gr/B	Left Rear Door Lock Half-Open Signal	
2	-	-	
3	0.35B	Grounding	
4	-	-	
5	0.75L/W	Lock	
6	-	-	
7	0.75Br	Unlock	

BY015 REAR LEFT DOOR LOCK - ADDRESS ATTRIBUTE

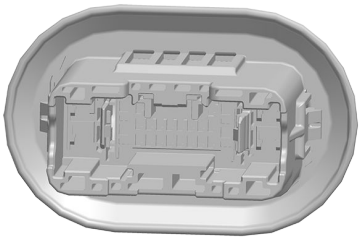
Location	6.7.1 Rear left door wiring harness (page 212)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.24 Door Lock System Wiring Diagram (page 150)

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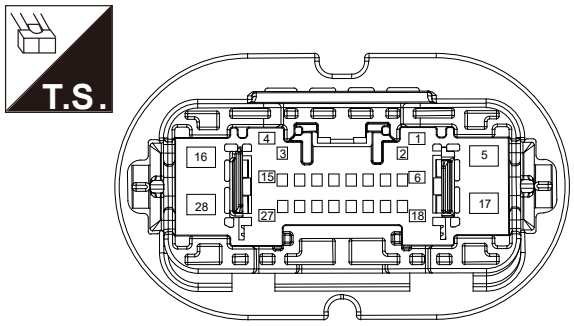
7.9.3 RLX52&BDX52

RLX52&BDX52-3D DRAWING



Connector Name	RLX52&BDX52
Connector Number	BA002
Connector model	6099-0053(SUM)

RLX52&BDX52-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Grounding	
2	-	-	
3	-	-	
4	0.75L/W	Rear left door lock latch	
5	2.0R/Y	Left rear window up	
6	0.75Br	Rear left door lock unlocking	
7	0.35P	Backlight power supply	
8	0.35W/Y	Rear left power window signal output	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35B/W	Rear left power window signal ground	
10	0.35Gr/B	Left Rear Door Lock Half-Open Signal	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.5Lg	Left Rear Woofer and Tweeter Speaker+	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
27	0.5W/G	Rear left tweeter and woofer -	
28	2.0B/W	Rear left window down	

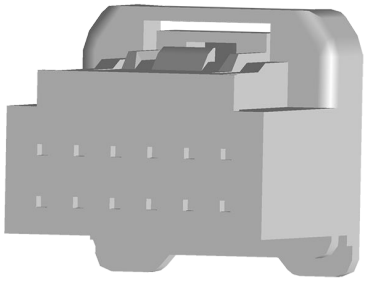
RLX52&BDX52-ADDRESS ATTRIBUTES

Location	6.7.1 Rear left door wiring harness (page 212)
System	4.36 External Amplifier System Circuit Diagram (page 162)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
Location Diagram	BDX52&RLX52 (page 811)

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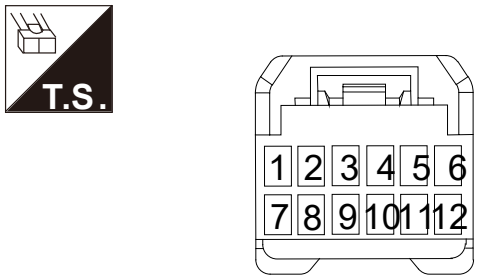
7.9.4 RLX54&RLBX54

RLX54&RLBX54-3D DRAWING



Connector Name	RLX54&RLBX54
Connector Number	RLX54
Connector model	6098-5275(SUM)

RLX54&RLBX54-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35W/Y	Rear left power window signal output	
4	-	-	
5	0.5Lg	Rear left tweeter+	Models equipped with 12 speakers
6	0.5W/G	Rear left tweeter-	Models equipped with 12 speakers
7	0.35B/W	Rear left power wind	

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Terminal number	Wire Gauge and Color	Function	Note
		ow signal ground	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

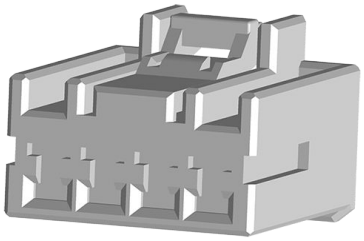
RLX54&RLBX54-ADDRESS ATTRIBUTES

Location	6.7.1 Rear left door wiring harness (page 212)
System	4.36 External Amplifier System Circuit Diagram (page 162)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
Location Diagram	RLX54&RLBX54 (page 833)

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7.9.5 EL105 REAR LEFT DOOR FULL-RANGE SPEAKER ASSEMBLY

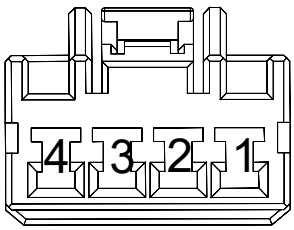
EL105 REAR LEFT DOOR FULL-RANGE SPEAKER ASSEMBLY - 3D VIEW



Connector Name	Rear left door full-range speaker assembly
Connector Number	EL105
Connector model	936227-1(TE)

EL105 REAR LEFT DOOR FULL-RANGE SPEAKER ASSEMBLY-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5Lg	Left Rear Woofer +	
2	-	-	
3	0.5W/G	Left rear woofer -	
4	-	-	

EL105 REAR LEFT FULL-RANGE SPEAKER ASSEMBLY - ADDRESS ATTRIBUTE

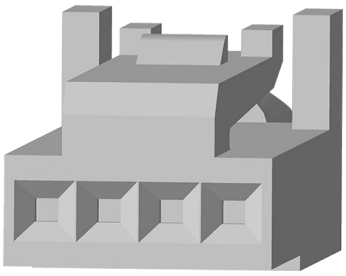
Location	6.7.1 Rear left door wiring harness (page 212)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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7.10 7.10 REAR LEFT DOOR TRIM PANEL WIRING HARNESS

7.10.1 EL095 REAR LEFT DOOR WINDOW CONTROL SWITCH

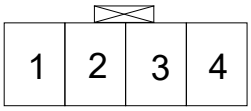
EL095 REAR LEFT POWER WINDOW CONTROL SWITCH - 3D VIEW



Connector Name	Rear left door window control switch
Connector Number	EL095
Connector model	1318620-1(TE)

EL095 REAR LEFT DOOR WINDOW CONTROL SWITCH-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35W/Y	Lift signal output	
4	0.35B/W	Lift signal ground	

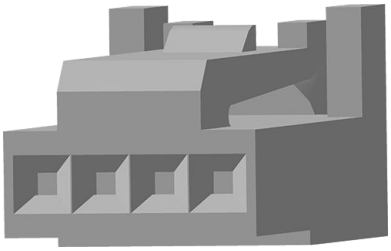
EL095 REAR LEFT DOOR WINDOW CONTROL SWITCH-ADDRESS ATTRIBUTE

Location	6.8.1 Rear left door trim panel wiring harness (page 213)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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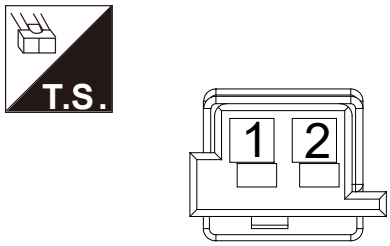
7.10.2 EL109 REAR LEFT DOOR TWEETER ASSEMBLY

EL109 REAR LEFT DOOR TWEETER ASSEMBLY - 3D ILLUSTRATION



Connector Name	Rear left door tweeter assembly
Connector Number	EL109
Connector model	1-1718333-1(TE)

EL109 REAR LEFT DOOR TWEETER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5Lg	Rear left door tweeter+	Models equipped with 12 speakers
2	0.5W/G	Rear left door tweeter-	Models equipped with 12 speakers

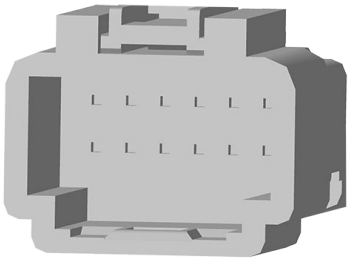
EL109 REAR LEFT DOOR TWEETER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.8.1 Rear left door trim panel wiring harness (page 213)
System	4.36 External Amplifier System Circuit Diagram (page 162)

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7.10.3 RLBX54&RLX54

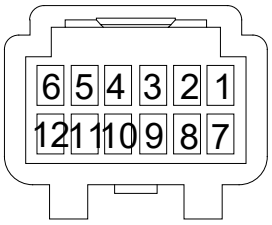
RLBX54&RLX54-3D DRAWING



Connector Name	RLBX54&RLX54
Connector Number	RLBX54
Connector model	6098-5277(SUM)

RLBX54&RLX54-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.5W/Y	Rear left power window signal output	
4	-	-	
5	0.5Lg	Rear left tweeter+	Models equipped with 12 speakers
6	0.5W/G	Rear left tweeter-	Models equipped with 12 speakers
7	0.35B/W	Rear left power wind	

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Terminal number	Wire Gauge and Color	Function	Note
		ow signal ground	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

RLBX54&RLX54-ADDRESS ATTRIBUTES

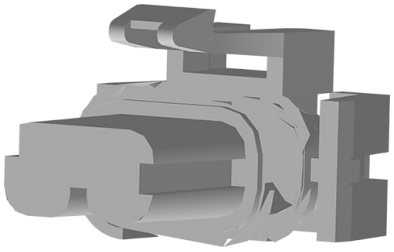
Location	6.8.1 Rear left door trim panel wiring harness (page 213)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	RLX54&RLBX54 (page 833)

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7.11 7.11 REAR RIGHT DOOR WIRING HARNESS

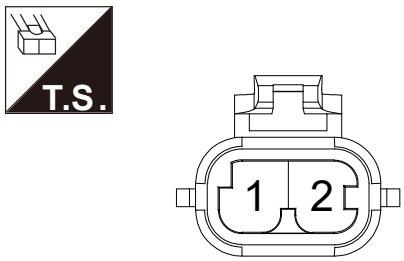
7.11.1 BY005 REAR RIGHT WINDOW REGULATOR MOTOR

BY005 REAR RIGHT DOOR WINDOW REGULATOR MOTOR - 3D DRAWING



Connector Name	Rear right door window regulator motor
Connector Number	BY005
Connector model	12129487(DELPHI)

BY005 REAR RIGHT DOOR WINDOW REGULATOR MOTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	2.0B/L	Rear right window down	
2	2.0R/L	Rear right window up	

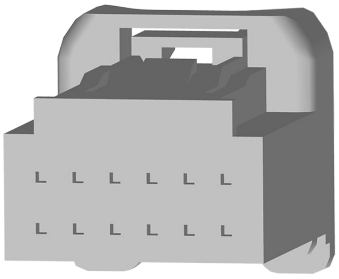
BY005 REAR RIGHT WINDOW REGULATOR MOTOR-ADDRESS ATTRIBUTE

Location	6.11.1 Rear right door wiring harness (page 216)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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7.11.2 RRX57&RRBX57

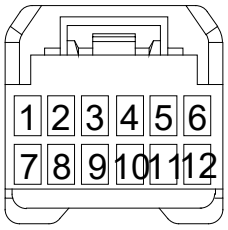
RRX57&RRBX57-3D DRAWING



Connector Name	RRX57&RRBX57
Connector Number	RRX57
Connector model	6098-5275(SUM)

RRX57&RRBX57-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35L	Rear right power window lift signal output	
4	-	-	
5	0.5O	Rear right door tweeter+	Models equipped with 12 speakers
6	0.5O/B	Rear right door tweeter-	Models equipped with 12 speakers
7	0.35B/W	Rear right power win	

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Terminal number	Wire Gauge and Color	Function	Note
		dow signal ground	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

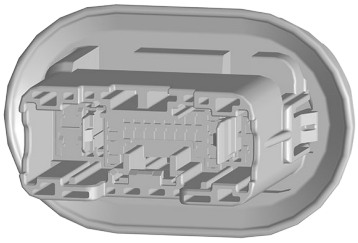
RRX57&RRBX57-ADDRESS ATTRIBUTES

Location	6.11.1 Rear right door wiring harness (page 216)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	RRX57&RRBX57 (page 826)

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7.11.3 RRX55&BDX55

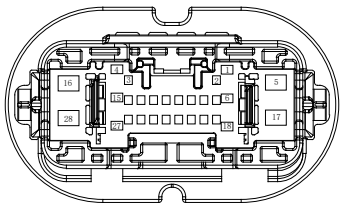
RRX55 & BDX55 - 3D DRAWING



Connector Name	RRX55&BDX55
Connector Number	RRX55
Connector model	6099-0053(SUM)

RRX55&BDX55-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Grounding	
2	-	-	
3	-	-	
4	0.75L/W	Right rear door lock	
5	2.0R/L	Rear right window up	
6	0.75Br	Unlocking the right rear door lock	
7	0.35P	Backlight power supply	
8	0.35L	Rear right power window lift signal output	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.35B/W	Rear right power window signal ground	
10	0.35Gr	Rear right door lock half-open signal	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	0.5O	Rear right woofer and tweeter+	
16	-	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	
21	-	-	
22	-	-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	

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Terminal number	Wire Gauge and Color	Function	Note
27	0.5O/B	Rear right tweeter and woofer-	
28	2.0B/L	Rear right window down	

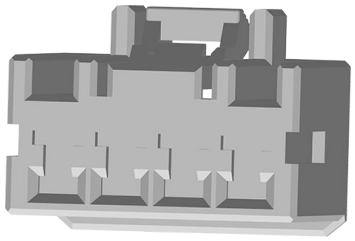
RRX55&BDX55-ADDRESS PROPERTIES

Location	6.11.1 Rear right door wiring harness (page 216)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.17 Power Window System (page 143)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	BDX55&RRX55 (page 807)

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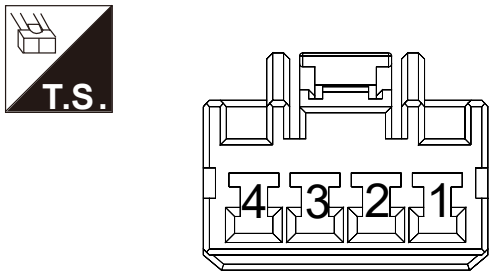
7.11.4 EL106 REAR RIGHT FULL-RANGE SPEAKER ASSEMBLY

EL106 REAR RIGHT FULL-RANGE SPEAKER ASSEMBLY-3D DRAWING



Connector Name	Rear right door full-range speaker assembly
Connector Number	EL106
Connector model	936227-1(TE)

EL106 REAR RIGHT DOOR FULL-RANGE SPEAKER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5O	Right rear woofer+	
2	-	-	
3	0.5O/B	Rear right woofer -	
4	-	-	

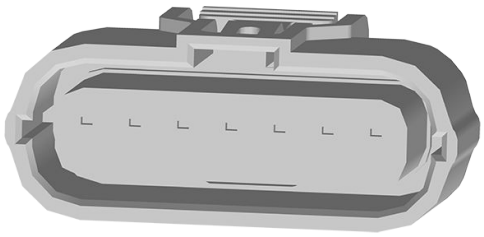
EL106 REAR RIGHT FULL-RANGE SPEAKER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.11.1 Rear right door wiring harness (page 216)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.36 External Amplifier System Circuit Diagram (page 162)

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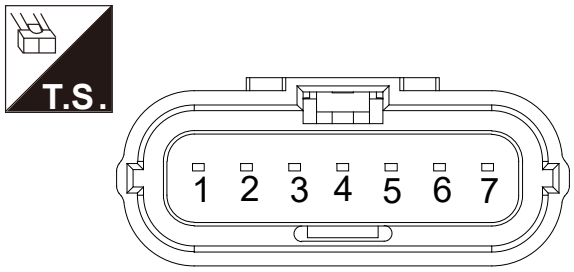
7.11.5 BY016 REAR RIGHT DOOR LOCK

BY016 REAR RIGHT DOOR LOCK-3D VIEW



Connector Name	Rear right door lock
Connector Number	BY016
Connector model	6189-0855(SUM)

BY016 REAR RIGHT DOOR LOCK - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75Br	Unlock	
2	-	-	
3	0.75L/W	Lock	
4	-	-	
5	0.35B	Grounding	
6	-	-	
7	0.35Gr	Rear right door lock half-open signal	

BY016 REAR RIGHT DOOR LOCK-ADDRESS ATTRIBUTE

Location	6.11.1 Rear right door wiring harness (page 216)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.24 Door Lock System Wiring Diagram (page 150)

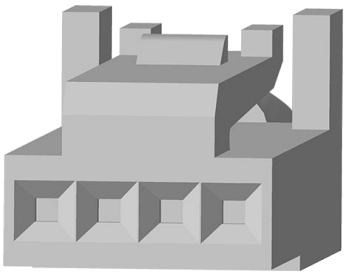
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7.12 7.12 REAR RIGHT DOOR TRIM PANEL WIRING HARNESS

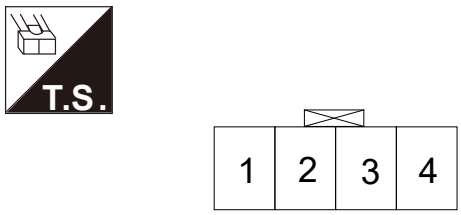
7.12.1 EL096 REAR RIGHT WINDOW CONTROL SWITCH

EL096 REAR RIGHT DOOR WINDOW CONTROL SWITCH - 3D VIEW



Connector Name	Rear right door window control switch
Connector Number	EL096
Connector model	1318620-1(TE)

EL096 REAR RIGHT DOOR WINDOW CONTROL SWITCH - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35L	Lift signal output	
4	0.35B/W	Lift signal ground	

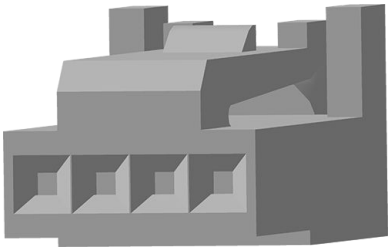
EL096 REAR RIGHT DOOR WINDOW CONTROL SWITCH - ADDRESS ATTRIBUTE

Location	6.12.1 Rear right door trim panel wiring harness (page 217)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)

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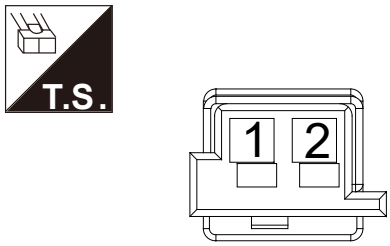
7.12.2 EL110 REAR RIGHT DOOR TWEETER ASSEMBLY

EL110 REAR RIGHT DOOR TWEETER ASSEMBLY - 3D DRAWING



Connector Name	Rear right door tweeter assembly
Connector Number	EL110
Connector model	1-1718333-1(TE)

EL110 REAR RIGHT DOOR TWEETER ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5O	Rear right door tweeter+	Models equipped with 12 speakers
2	0.5O/B	Rear right door tweeter-	Models equipped with 12 speakers

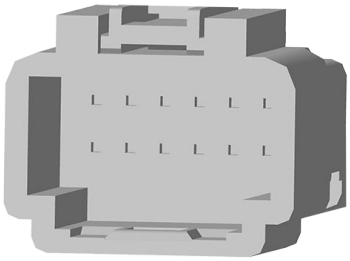
EL110 REAR RIGHT DOOR TWEETER ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.12.1 Rear right door trim panel wiring harness (page 217)
System	4.36 External Amplifier System Circuit Diagram (page 162)

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7.12.3 RRBX57&RRX57

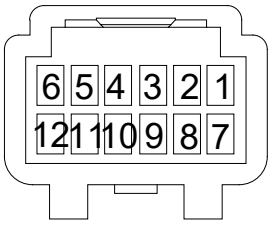
RRBX57&RRX57-3D DRAWING



Connector Name	RRBX57&RRX57
Connector Number	RRBX57
Connector model	6098-5277(SUM)

RRBX57&RRX57-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35P	Backlight power supply	
2	0.35B	Grounding	
3	0.35L	Rear right power window lift signal output	
4	-	-	
5	0.5O	Rear right tweeter+	Models equipped with 12 speakers
6	0.5O/B	Rear right tweeter-	Models equipped with 12 speakers
7	0.35B/W	Rear right power win	

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Terminal number	Wire Gauge and Color	Function	Note
		dow signal ground	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	

RRBX57&RRX57-ADDRESS ATTRIBUTE

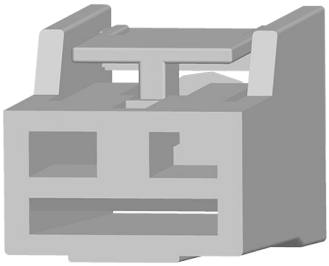
Location	6.12.1 Rear right door trim panel wiring harness (page 217)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.17 Power Window System (page 143)
	4.36 External Amplifier System Circuit Diagram (page 162)
Location Diagram	RRX57&RRBX57 (page 826)

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7.13 7.13 LIFTGATE WIRE HARNESS

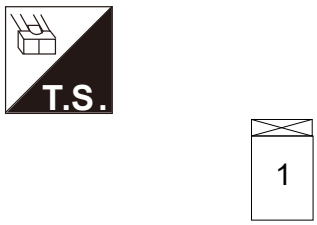
7.13.1 BY030-1 REAR DEFROSTER - RIGHT

BY030-1 REAR DEFROST - RIGHT - 3D DRAWING



Connector Name	Rear Defrost - Right
Connector Number	BY030-1
Connector model	DJ70118Y-6.3-21/20(YY)

BY030-1 REAR DEFROST - RIGHT - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5B	Power supply negative terminal	

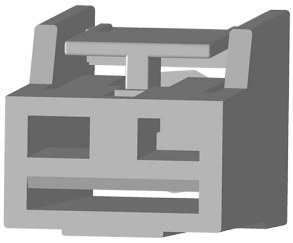
BY030-1 REAR DEFROST-RIGHT-ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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7.13.2 BY030-2 REAR DEFROSTER - LEFT

BY030-2 REAR DEFROST - LEFT - 3D DRAWING



Connector Name	Rear Defrost - Left
Connector Number	BY030-2
Connector model	DJ70118Y-6.3-21/20(YY)

BY030-2 REAR DEFROSTER - LEFT - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5Br	Positive power terminal	

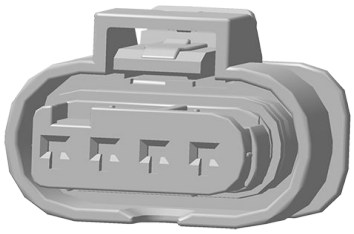
BY030-2 REAR DEFROST - LEFT - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.16 Thermal Management Controller System Circuit Diagram (page 142)

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7.13.3 BY023 TAILGATE LOCK (NON-ELECTRIC)

BY023 LIFTGATE LOCK (NON-ELECTRIC) - 3D DRAWING



Connector Name	Tailgate lock (non-electric)
Connector Number	BY023
Connector model	1-1718645-1(TE)

BY023 TAILGATE LOCK (NON-ELECTRIC) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35W/B	All lock signal (connected to power)	Models not equipped with a power liftgate
2	0.35B	Signal ground terminal	Models not equipped with a power liftgate
3	0.75G/W	Unlock+	Models not equipped with a power liftgate
4	0.75B	Unlock-	Models not equipped with a power liftgate

BY023 TAILGATE LOCK (NON-ELECTRIC) - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)

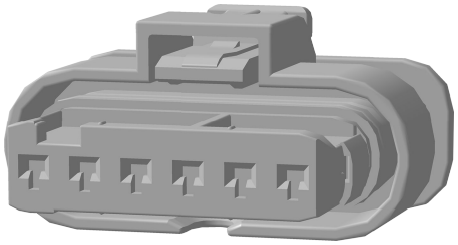
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	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.24 Door Lock System Wiring Diagram (page 150)

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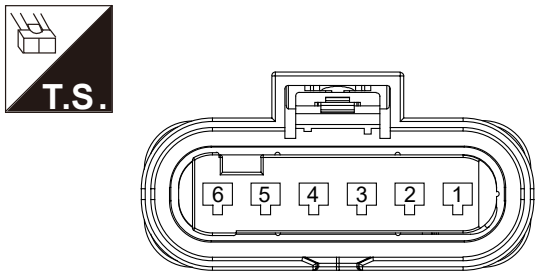
7.13.4 BY024 TAILGATE LOCK (ELECTRIC)

BY024 TAILGATE LOCK (ELECTRIC) - 3D VIEW



Connector Name	Tailgate lock (Electric)
Connector Number	BY024
Connector model	1-1718646-1(TE)/PP6507901(Tianhai)

BY024 TAILGATE LOCK (ELECTRIC) - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75G/W	Motor + (Power Unlock)	Models equipped with power liftgate
2	0.75G/B	Motor - (Self-suction lock)	Models equipped with power liftgate
3	0.35W/G	Return signal (motor return after locking and unlocking)	Models equipped with power liftgate
4	0.35L/B	Half-latch signal, full-latch signal, and return signal share a common ground wire	Models equipped with power liftgate

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Terminal number	Wire Gauge and Color	Function	Note
5	0.35W/R	Half latch signal	Models equipped with power liftgate
6	0.35W/B	Full lock signal	Models equipped with power liftgate

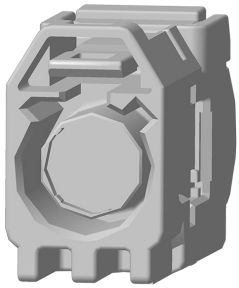
BY024 POWER TAILGATE LOCK - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.30 Power Tailgate System Circuit Diagram (page 156)

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7.13.5 EL026 REAR SURROUND VIEW CAMERA ASSEMBLY

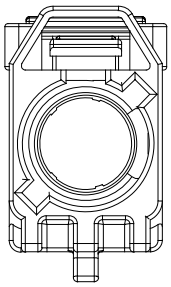
EL026 REAR SURROUND VIEW CAMERA ASSEMBLY - 3D DIAGRAM



Connector Name	Rear surround view camera assembly
Connector Number	EL026
Connector model	FAKRA TYPE C 2326911-3 Blue (TE)

EL026 REAR SURROUND VIEW CAMERA ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	Rear surround-view camera input	

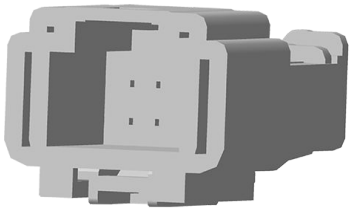
EL026 REAR SURROUND VIEW CAMERA ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.42 Panoramic Parking System Wiring Diagram (page 168)

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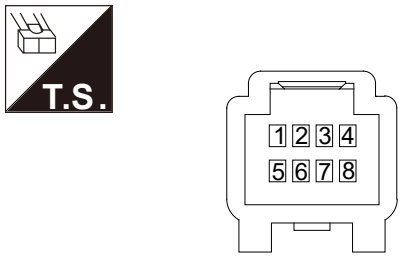
7.13.6 EL060-1 REAR RIGHT FULL-WIDTH REAR COMBINATION LAMP

EL060-1 REAR RIGHT FULL-WIDTH REAR COMBINATION LAMP - 3D DRAWING



Connector Name	Rear right full-width rear combination lamp
Connector Number	EL060-1
Connector model	6098-5271(SUM)

EL060-1 REAR RIGHT FULL-WIDTH REAR COMBINATION LAMP - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Power ground	
2	0.35Y/P	Brake lamp power supply	
3	0.5O/B	Reverse lamp power supply	
4	0.35Lg	Position lamp and light curtain power supply	
5	0.5B	Right license plate lamp power -	
6	0.5R/L	Right license plate lamp power +	

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Terminal number	Wire Gauge and Color	Function	Note
7	0.35B	Liftgate switch ground	
8	0.35B/G	Unlock with Tailgate Switch	

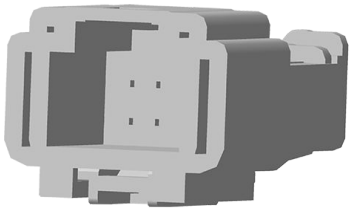
EL060-1 REAR RIGHT FULL-WIDTH REAR COMBINATION LAMP - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.24 Door Lock System Wiring Diagram (page 150)

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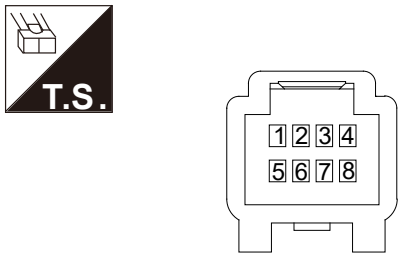
7.13.7 EL059-1 REAR LEFT FULL-WIDTH REAR COMBINATION LAMP

EL059-1 REAR LEFT FULL-WIDTH REAR COMBINATION LAMP-3D VIEW



Connector Name	Rear left full-width rear combination lamp
Connector Number	EL059-1
Connector model	6098-5271(SUM)

EL059-1 REAR LEFT FULL-WIDTH REAR COMBINATION LAMP - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Power ground	
2	0.35R/W	Brake lamp power supply	
3	0.5O/B	Reverse lamp power supply	
4	0.35O	Position lamp and light curtain power supply	
5	0.5B	Left license plate lamp power supply -	
6	0.5R/L	Left license plate lamp power +	

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Terminal number	Wire Gauge and Color	Function	Note
7	-	-	
8	-	-	

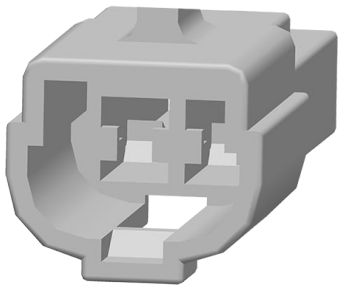
EL059-1 REAR LEFT FULL-WIDTH REAR COMBINATION LAMP - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.13.8 EL063 HIGH-MOUNTED BRAKE LAMP

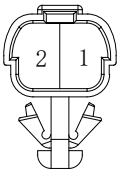
EL063 HIGH-MOUNTED BRAKE LAMP-3D DRAWING



Connector Name	High-mounted brake lamp
Connector Number	EL063
Connector model	DJ7022Y-2.2-11(YY)

EL063 HIGH-MOUNTED BRAKE LAMP - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35Y/P	High-mounted stop lamp power supply	
2	0.5B	Grounding	

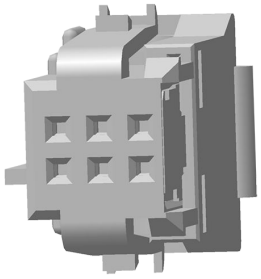
EL063 HIGH-MOUNTED BRAKE LAMP - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	6.14.1 Liftgate Wire Harness (page 219)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

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7.13.9 EL102 POWER LIFTGATE SWITCH

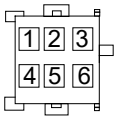
EL102 ELECTRIC TRUNK LID SWITCH - 3D VIEW



Connector Name	Power trunk lid switch
Connector Number	EL102
Connector model	953382-4(TE)

EL102 POWER LIFTGATE SWITCH - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35L/B	Ground 1	Models equipped with power liftgate
2	0.35B/W	Switch Signal 1	Models equipped with power liftgate
3	-	-	
4	0.35W	Backlight positive pole	Models equipped with power liftgate
5	0.35B	Grounding 2	Models equipped with power liftgate
6	-	-	

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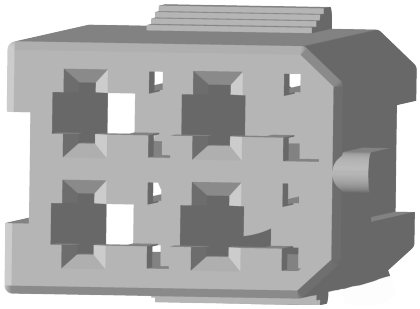
EL102 POWER LIFTGATE SWITCH - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.30 Power Tailgate System Circuit Diagram (page 156)

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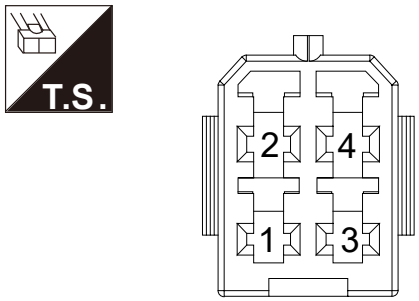
7.13.10 EL078 REAR WIPER MOTOR

EL078 REAR WIPER MOTOR - 3D DRAWING



Connector Name	Rear wiper motor
Connector Number	EL078
Connector model	PP0427201(THB)

EL078 REAR WIPER MOTOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.75R	Positive	
2	0.35G/L	Signal	
3	0.75B	Grounding	
4	-	-	

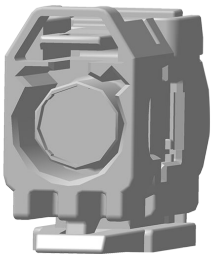
EL078 REAR WIPER MOTOR - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

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7.13.11 EL244 GPS ANTENNA ASSEMBLY

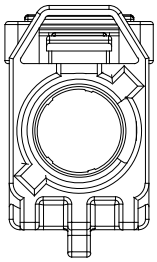
EL244 GPS ANTENNA ASSEMBLY - ISOMETRIC DRAWING



Connector Name	GPS antenna assembly
Connector Number	EL244
Connector model	FAKRA TYPE B 2326911-2 White (TE)

EL244 GPS ANTENNA ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	GPS antenna	

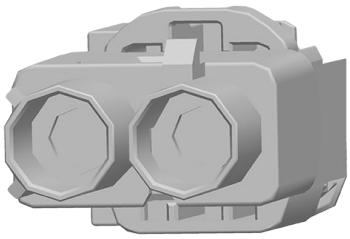
EL244 GPS ANTENNA ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.31 Telematics Host System Circuit Diagram (page 157)

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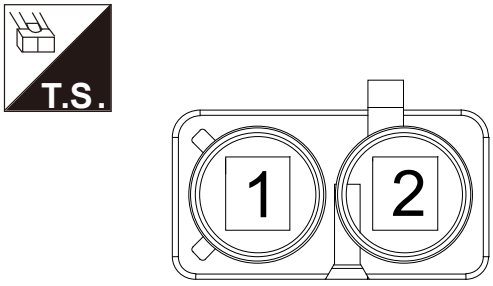
7.13.12 EL201 FM ANTENNA AMPLIFIER

EL201 FM ANTENNA AMPLIFIER - 3D DRAWING



Connector Name	FM Antenna Amplifier
Connector Number	EL201
Connector model	2203575-2(TE)

EL201 FM ANTENNA AMPLIFIER - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	FM antenna	
2	-	DAB antenna	

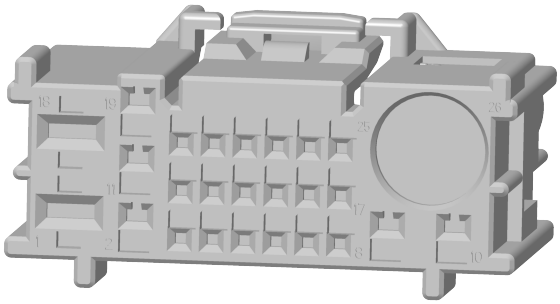
EL201 FM ANTENNA AMPLIFIER-ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)

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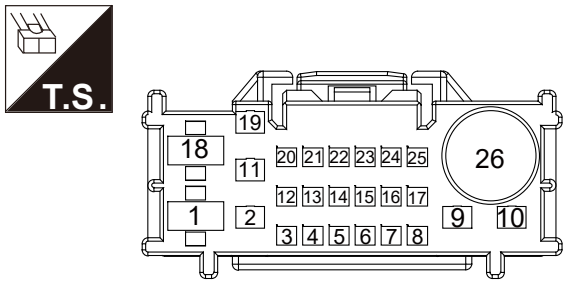
7.13.13 TGX58&BDX58

TGX58&BDX58-3D DRAWING



Connector Name	TGX58&BDX58
Connector Number	TGX58
Connector model	2407627-1(TE)

TGX58 & BDX58-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5Br	Rear Defrost Power	
2	-	-	
3	0.35B/W	Inside liftgate switch	Models equipped with power liftgate
4	0.35R/W	Left brake lamp power supply	
5	0.35O	Position lamp and light curtain power supply	
6	0.5B	Grounding	
7	0.35W/R	Half latch signal	Models equipped with power liftgate

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35W/G	Lock reset signal	Models equipped with power liftgate
9	0.75G/B	Soft-close latch drive- (Locking)	Models equipped with power liftgate
9	0.75G/W	Motor + (Power Unlock)	Models equipped with power liftgate
10	0.75G/W	Tailgate lock unlock+	Models not equipped with a power liftgate
11	0.75R	Rear wiper output	
12	0.35L/B	Liftgate inside switch ground or lock signal ground	Models equipped with power liftgate
13	-	-	
14	0.35W/B	Full lock signal	Models equipped with power liftgate
15	0.35W/B	Full lock signal	Models not equipped with a power liftgate
16	0.5O/B	Reversing lamp	

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Terminal number	Wire Gauge and Color	Function	Note
17	0.5R/L	License plate light	
18	0.35Lg	Position lamp and light curtain power supply	
19	-	-	
20	-	-	
20	0.35B/G	Tailgate exterior switch input	
21	0.35G/L	Rear wiper motor signal	
22	-	-	
23	0.35Y/P	High-mounted brake lamp	
24	-	-	
25	0.35W	Backlight positive pole	Models equipped with power liftgate
26	-	Rear surround-view camera input	

TGX58&BDX58 - ADDRESS ATTRIBUTES

Location	6.14.1 Liftgate Wire Harness (page 219)

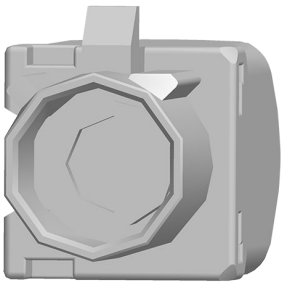
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System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.30 Power Tailgate System Circuit Diagram (page 156)
	4.42 Panoramic Parking System Wiring Diagram (page 168)
Location Diagram	BDX5&8TGX58 (page 806)

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7.13.14 TGX83&IPX83

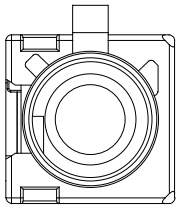
TGX83&IPX83-3D DRAWING



Connector Name	TGX83&IPX83
Connector Number	TGX83
Connector model	2326914-1 TYPE A Black(TE)

TGX83 & IPX83 - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	-	GPS antenna	

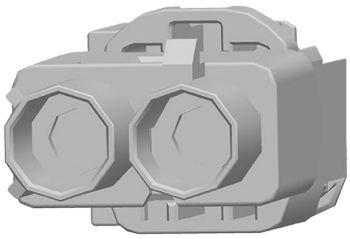
TGX83 & IPX83 - ADDRESS PROPERTIES

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.31 Telematics Host System Circuit Diagram (page 157)
Location Diagram	IPX83&TGX83 (page 832)

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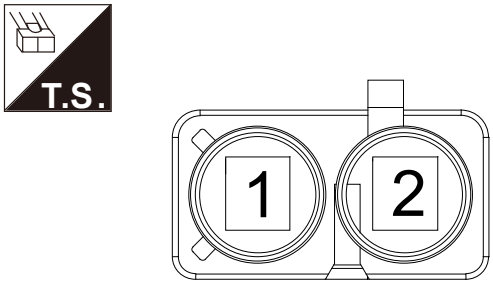
7.13.15 TGX73&IPX73

TGX73 & IPX73 - 3D DRAWING



Connector Name	TGX73&IPX73
Connector Number	TGX73
Connector model	2203575-1(TE)

TGX73&IPX73-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	DAB antenna	
2	-	FM antenna	

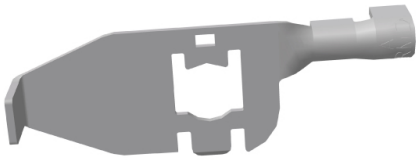
TGX73&IPX73-ADDRESS ATTRIBUTES

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.23 Multi-Zone Fusion Controller System Wiring Diagram (page 149)
Location Diagram	IPX73&TGX73 (page 829)

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7.13.16 TGG01

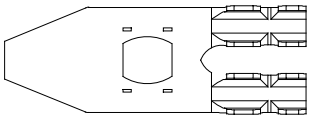
TGG01-3D DRAWING



Connector Name	Ground
Connector Number	TGG01
Connector model	DJ471A(ZJZ)

TGG01-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.75B	Liftgate lock (Non-electric) BY023-4	Models not equipped with a power liftgate
1	0.35B	Tailgate lock (non-electric) BY023-2	Models not equipped with a power liftgate
1	0.35B	Power liftgate switch EL102-5	Models equipped with power liftgate
1	0.75B	Rear wiper motor EL078-3	
1	0.5B	Rear right full-width rear combination lamp EL060-1-5	

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Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Rear left full-width rear combination lamp EL059-1-5	
1	0.35B	Rear right full-width rear combination lamp EL060-1-7	
1	0.5B	Rear right full-width rear combination lamp EL060-1-1	
1	0.5B	Rear left full-width rear combination lamp EL059-1-1	

TGG01-ADDRESS ATTRIBUTE

Location	6.14.1 Liftgate Wire Harness (page 219)
System	4.9 Wiper and Washer System Wiring Diagram (page 135)
	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.15 Interior Lighting System Wiring Diagram (page 141)
	4.16 Thermal Management Controller System Circuit Diagram (page 142)
	4.24 Door Lock System Wiring Diagram (page 150)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.30 Power Tailgate System Circuit Diagram (page 156)

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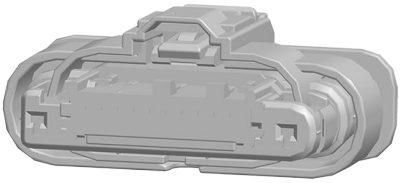
Location Diagram	TGG01 (page 123)

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7.14 7.14 REAR BUMPER WIRING HARNESS

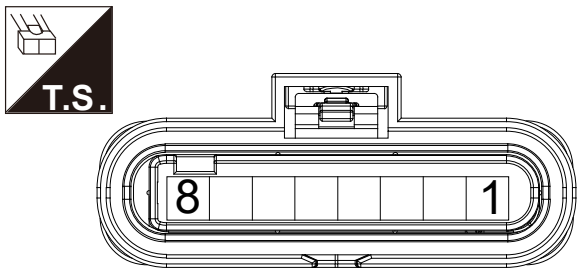
7.14.1 EL016-1 REAR RIGHT BLIND SPOT DETECTION RADAR

EL016-1 REAR RIGHT BLIND SPOT DETECTION RADAR - 3D DIAGRAM



Connector Name	Right Rear Blind Spot Detection Radar
Connector Number	EL016-1
Connector model	1-1719393-1(TE)

EL016-1 REAR RIGHT BLIND SPOT DETECTION RADAR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	0.35B	Address signal 2 (IO-2)	
3	-	-	
4	-	-	
5	0.35B	Grounding	
6	0.35L/B	CAN3-L	
7	0.35R/B	CAN3-H	
8	0.35R/Br	Power	

EL016-1 REAR RIGHT BLIND SPOT MONITORING RADAR - ADDRESS ATTRIBUTE

Location	

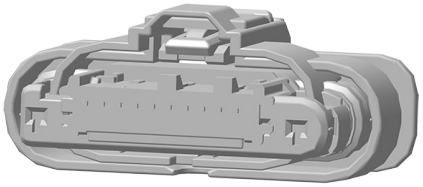
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System	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.4 CAN Data Communication System Wiring Diagram (page 130)

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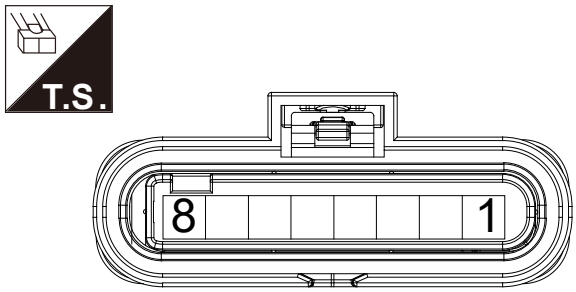
7.14.2 EL015-1 REAR LEFT BLIND SPOT DETECTION RADAR

EL015-1 REAR LEFT BLIND SPOT MONITORING RADAR - 3D VIEW



Connector Name	Left Rear Blind Spot Monitoring Radar
Connector Number	EL015-1
Connector model	1-1719393-1(TE)

EL015-1 REAR LEFT BLIND SPOT DETECTION RADAR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	-	-	
2	-	-	
3	-	-	
4	-	-	
5	0.35B	Grounding	
6	0.35L/W	CAN3-L	
7	0.35R/W	CAN3-H	
8	0.35R/Br	Power	

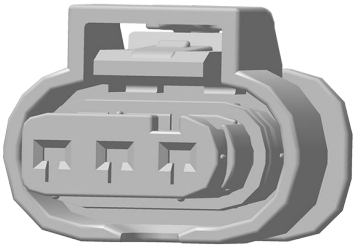
EL015-1 REAR LEFT BLIND SPOT MONITORING RADAR - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.4 CAN Data Communication System Wiring Diagram (page 130)

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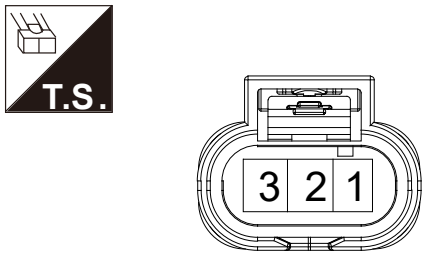
7.14.3 EL022 REAR LEFT MIDDLE REVERSING ULTRASONIC SENSOR

EL022 REAR LEFT CENTER REVERSING ULTRASONIC SENSOR - 3D VIEW



Connector Name	Rear left middle reverse ultra sonic sensor
Connector Number	EL021-1
Connector model	1-2355507-1(TE)

EL022 REAR LEFT CENTER REVERSING ULTRASONIC SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/W	Power	
2	0.35W/R	Signal	
3	0.35B/W	Grounding	

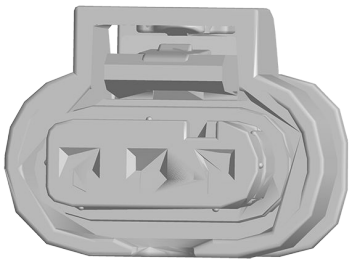
EL022 REAR LEFT MIDDLE REVERSING ULTRASONIC SENSOR - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.12 Reverse radar system (page 138)

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7.14.4 EL021 REAR LEFT REVERSING ULTRASONIC SENSOR

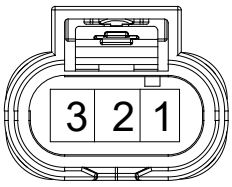
EL021 REAR LEFT REVERSING ULTRASONIC SENSOR - 3D DRAWING



Connector Name	Rear left reverse ultrasonic s ensor
Connector Number	EL021
Connector model	1-2355507-1(TE)

EL021 REAR LEFT REVERSING ULTRASONIC SENSOR - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.35V/W	Power	
2	0.35W/R	Signal	
3	0.35B/G	Grounding	

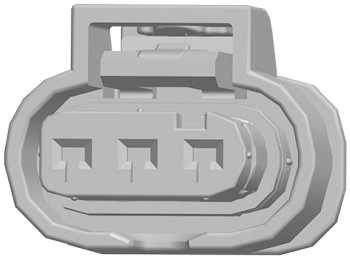
EL021 REAR LEFT REVERSE ULTRASONIC SENSOR - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.12 Reverse radar system (page 138)

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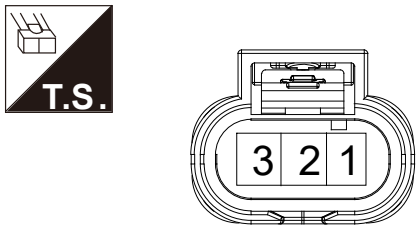
7.14.5 EL023 REAR RIGHT MIDDLE REVERSING ULTRASONIC SENSOR

EL023 REAR RIGHT MIDDLE REVERSING ULTRASONIC SENSOR - 3D DRAWING



Connector Name	Rear right center reversing ultrasonic sensor
Connector Number	EL023
Connector model	1-2355507-1(TE)

EL023 RIGHT REAR CENTER REVERSE ULTRASONIC SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/W	Power	
2	0.35W/L	Signal	
3	0.35B/W	Grounding	

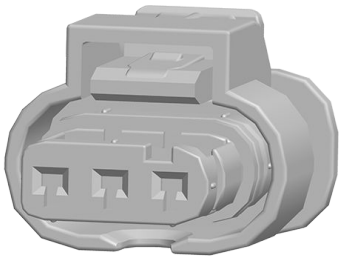
EL023 RIGHT REAR CENTER REVERSE ULTRASONIC SENSOR - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.12 Reverse radar system (page 138)

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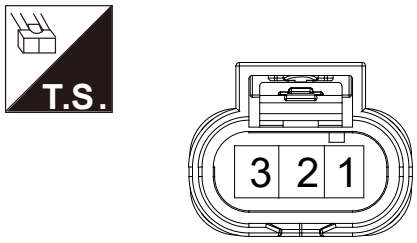
7.14.6 EL024 REAR RIGHT REVERSING ULTRASONIC SENSOR

EL024 REAR RIGHT REVERSING ULTRASONIC SENSOR-3D VIEW



Connector Name	Rear right reverse ultrasonic sensor
Connector Number	EL024
Connector model	1-2355507-1(TE)

EL024 REAR RIGHT REVERSING ULTRASONIC SENSOR - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35V/W	Power	
2	0.35W/L	Signal	
3	0.35B/G	Grounding	

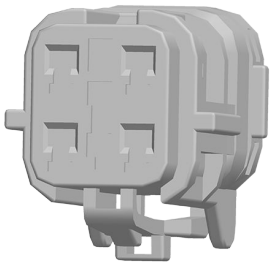
EL024 REAR RIGHT REVERSING ULTRASONIC SENSOR - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.12 Reverse radar system (page 138)

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7.14.7 EL235 REAR RIGHT FOG LAMP REFLECTOR ASSEMBLY

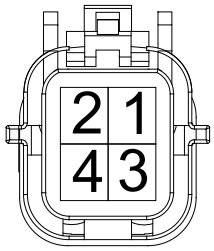
EL235 REAR RIGHT FOG LAMP REFLECTOR ASSEMBLY - 3D DRAWING



Connector Name	Rear right fog lamp retroreflector assembly
Connector Number	EL235
Connector model	DJ7048H-1.8-21(HK)

EL235 REAR RIGHT FOG LAMP REFLECTOR ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Rear fog lamp power ground	
2	0.5Gr	Rear fog lamp power	
3	-	-	
4	-	-	

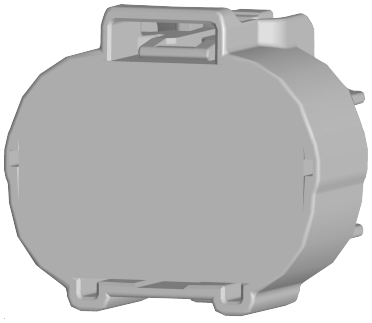
EL235 REAR RIGHT FOG LAMP REFLECTOR ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

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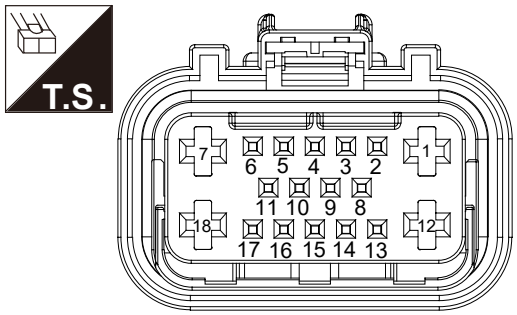
7.14.8 RBX61&BDX61

RBX61&BDX61-3D DRAWING



Connector Name	RBX62&BDX62
Connector Number	RBX61
Connector model	6188-5911(SUM)

RBX61&BDX61-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35O/W	Ultrasonic Radar Power Supply 1	
2	0.35V/W	Ultrasonic radar power supply 2	
3	0.35Gr	Rear bumper PEPS antenna 3-	
4	0.35W/L	Ultrasonic Radar Communication 1	
5	-	-	
6	0.35B/W	Ultrasonic radar 1	
7	0.35B/G	Ultrasonic radar 2	

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Terminal number	Wire Gauge and Color	Function	Note
8	0.35Gr/B	Rear Bumper PEPS Antenna 3+	
9	0.35W/R	Ultrasonic Radar Communication 2	
10	0.5Gr	Rear fog lamp	
11	-	-	
12	0.35R/B	CAN3-H	
13	0.35R/W	CAN3-H	
14	1.0B	Grounding	
15	0.35L/B	CAN3-L	
16	0.35R/Br	Rear Blind Spot Detection Radar Power Supply	
17	-	-	
18	0.35L/W	CAN3-L	

RBX61&BDX61 - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.12 Reverse radar system (page 138)
	4.14 Main Zone Controller System Circuit Diagram (page 140)

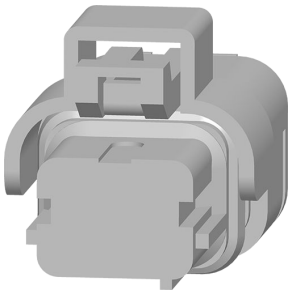
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	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)
	4.32 PEPS System Circuit Diagram (page 158)
	4.34 Blind Spot Detection System Circuit Diagram (page 160)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
Location Diagram	BDX61&RBX61 (page 812)

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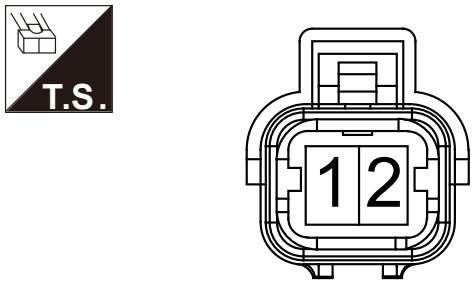
7.14.9 EL128 REAR PEPS ANTENNA

EL128 REAR PEPS ANTENNA - 3D VIEW



Connector Name	Rear PEPS antenna
Connector Number	EL128
Connector model	10820158(DELPHI)

EL128 REAR PEPS ANTENNA - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35Gr/B	Rear Bumper PEPS Antenna 3+	
2	0.35Gr	Rear bumper PEPS antenna 3-	

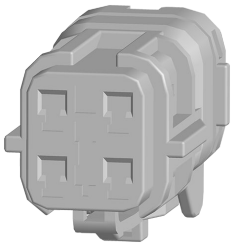
EL128 REAR PEPS ANTENNA - ADDRESS ATTRIBUTE

Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.32 PEPS System Circuit Diagram (page 158)

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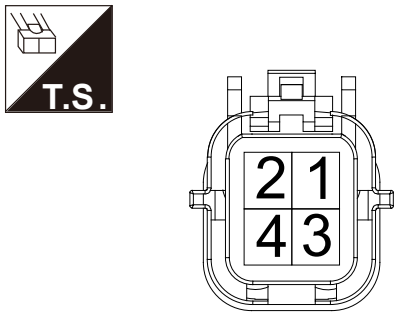
7.14.10 EL234 REAR LEFT FOG LAMP REFLECTOR ASSEMBLY

EL234 REAR LEFT FOG LAMP REFLECTOR ASSEMBLY - 3D DRAWING



Connector Name	Rear left fog lamp reflector assembly
Connector Number	EL234
Connector model	DJ7048H-1.8-21(HK)

EL234 REAR LEFT FOG LAMP REFLECTOR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Rear fog lamp power ground	
2	0.5Gr	Rear fog lamp power	
3	-	-	
4	-	-	

EL234 REAR LEFT FOG LAMP REFLECTOR ASSEMBLY - ADDRESS ATTRIBUTE

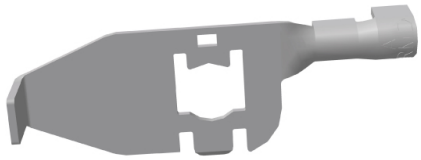
Location	6.13.1 Rear bumper wiring harness (page 218)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.28 Stop Lamp, Rear Fog Lamp, Reversing Lamp, Position Lamp, and License Plate Lamp System Circuit Diagram (page 154)

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7.15 7.15 REAR SUBFRAME WIRING HARNESS

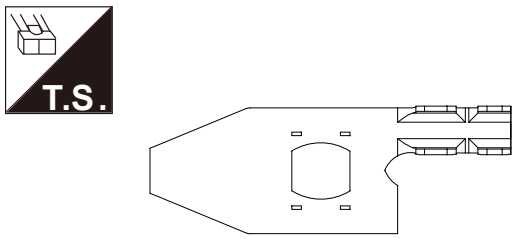
7.15.1 REG01

REG01-3D DRAWING



Connector Name	Ground
Connector Number	REG01
Connector model	DJ481A(ZJZ)

REG01-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Rear Electric Drive Powertrain DS003-1-4	
1	0.5B	Rear electric drive powertrain DS003-1-1	
1	1.5B	Rear motor oil pump DS006-2	

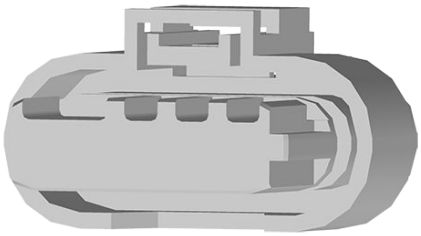
REG01-ADDRESS ATTRIBUTE

Location	6.15.1 Rear Subframe Wiring Harness (page 220)
System	4.8 Rear Motor Control System Wiring Diagram (page 134)
Location Diagram	REG01 (page 125)

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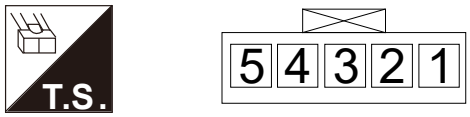
7.15.2 DS006 REAR MOTOR OIL PUMP

DS006 REAR MOTOR OIL PUMP - 3D DRAWING



Connector Name	Rear motor oil pump
Connector Number	DS006
Connector model	872-860-541(Hirschmann)

DS006 REAR MOTOR OIL PUMP - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	1.5W/R	Power Positive	
2	1.5B	Power-	
3	0.5Gr	LIN	
4	0.5B	REOP_GND	
5	-	-	

DS006 REAR MOTOR OIL PUMP-ADDRESS ATTRIBUTE

Location	6.15.1 Rear Subframe Wiring Harness (page 220)
System	4.8 Rear Motor Control System Wiring Diagram (page 134)

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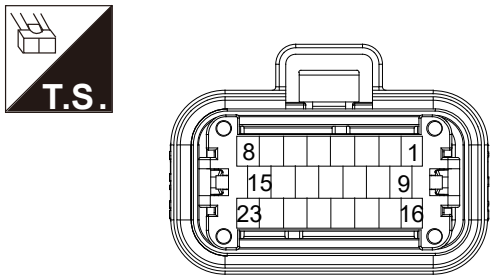
7.15.3 DS003-1 REAR ELECTRIC DRIVE POWERTRAIN

DS003-1 REAR ELECTRIC DRIVE POWERTRAIN - 3D DRAWING



Connector Name	Rear electric drive powertrain
Connector Number	DS003-1
Connector model	DJ7231H-1.3-21(HK)

DS003-1 REAR ELECTRIC DRIVE POWERTRAIN - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5B	Shield ground	
2	0.5B/L	Accelerator pedal height	
3	0.5B	Accelerator pedal low ground	
4	0.5B	Battery ground	
5	0.5B/V	Accelerator pedal high signal	
6	0.5B/Br	Accelerator Pedal Low Signal	
7	0.5R/G	PCAN-H	
8	0.5L/G	PCAN-L	

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Terminal number	Wire Gauge and Color	Function	Note
9	0.5R/W	Power	
10	0.5R/Y	ON2A power supply	
11	-	-	
12	-	-	
13	0.5B/G	Accelerator pedal high-level 5V supply	
14	0.5B/Gr	Accelerator pedal low 5V supply	
15	0.5B/Y	Brake switch (normally closed)	
16	0.5O	P gear wake-up signal	
17	0.5Y/R	Brake switch (normally open)	
18	-	-	
19	0.5Y/Br	Crash Signal Input	
20	0.5Gr	Oil Pump LIN	
21	0.5B	REOP_GND	
22	0.5L/B	CCAN-L	
23	0.5R/B	CCAN-H	

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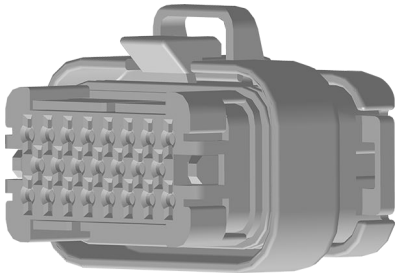
DS003-1 REAR ELECTRIC DRIVE POWERTRAIN - ADDRESS ATTRIBUTE

Location	6.15.1 Rear Subframe Wiring Harness (page 220)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)

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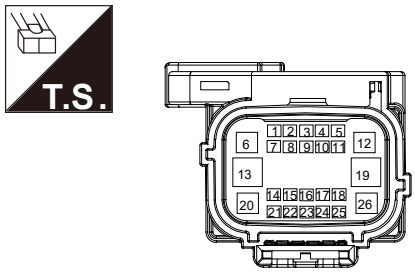
7.15.4 REX64&BDX64

REX64&BDX64-3D DRAWING



Connector Name	REX64&BDX64
Connector Number	REX64
Connector model	6189-9355(SUM)

REX64&BDX64-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.35R/G	PCAN-H	
2	0.35L/G	PCAN-L	
3	-	-	
4	-	-	
5	-	-	
6	0.5Y/R	Brake switch (normally open)	
7	0.35R/B	CCAN-H	
8	0.35L/B	CCAN-L	
9	0.5Y/Br	Crash Signal Input	
10	0.5O	P gear wake-up signal	

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Terminal number	Wire Gauge and Color	Function	Note
11	-	-	
12	0.5R/Y	ON2A power supply	
13	-	-	
14	0.5B/G	Accelerator pedal high-level 5V supply	
15	0.5B/L	Accelerator pedal height	
16	0.5B/V	Accelerator pedal high signal	
17	0.35R/B	CCAN-H	
18	0.35L/B	CCAN-L	
19	1.5W/R	Rear Motor Oil Pump Power	
20	0.5B/Y	Brake switch (normally closed)	
21	0.5B/Gr	Accelerator pedal low 5V supply	
22	0.5B	Accelerator pedal low ground	

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Terminal number	Wire Gauge and Color	Function	Note
23	0.5B/Br	Accelerator Pedal Low Signal	
24	0.35R/G	PCAN-H	
25	0.35L/G	PCAN-L	
26	0.5R/W	Rear electric drive power supply	

REX64&BDX64-ADDRESS ATTRIBUTES

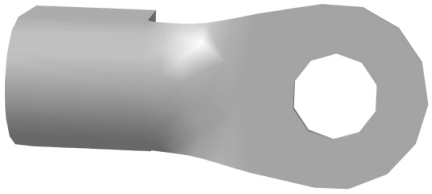
Location	6.15.1 Rear Subframe Wiring Harness (page 220)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.38 Combination Switch System Circuit Diagram (page 164)
	4.1 Airbag Control System Wiring Diagram (page 127)
	4.4 CAN Data Communication System Wiring Diagram (page 130)
	4.8 Rear Motor Control System Wiring Diagram (page 134)
Location Diagram	BDX64&REX64 (page 815)

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7.16 7.16DCDC NEGATIVE WIRING HARNESS

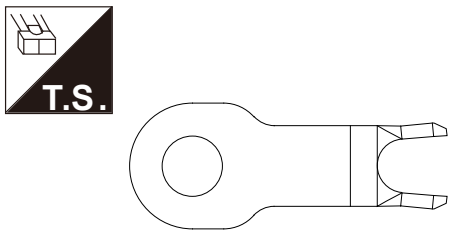
7.16.1 BA001-2 2-IN-1 POWER SUPPLY ASSEMBLY

BA001-2 2-IN-1 POWER SUPPLY ASSEMBLY - 3D DRAWING



Connector Name	2-in-1 Power Supply Assembly
Connector Number	BA001-2
Connector model	030339(Fengdi)

BA001-2 2-IN-1 POWER SUPPLY ASSEMBLY-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	25.0B	DCDC	

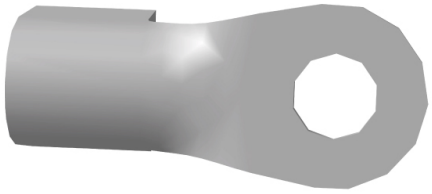
BA001-2 2-IN-1 POWER SUPPLY ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.16.7 DCDC negative ground wiring harness (page 227)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)

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7.16.2 DG001

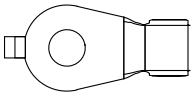
DG001-3D DRAWING



Connector Name	Ground
Connector Number	DG001
Connector model	030493(Fengdi)

DG001-2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	25.0B	Two-in-one Power Supply Assembly BA001-2-1	

DG001-ADDRESS PROPERTIES

Location	6.16.7 DCDC negative ground wiring harness (page 227)
System	4.3 AC Slow Charging System (page 129)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
Location Diagram	DG001 (page 126)

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7.17 7.17 HIGH VOLTAGE HARNESS

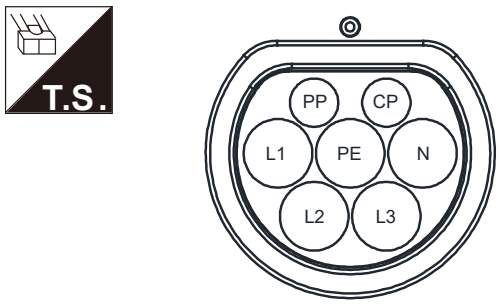
7.17.1 HV01 AC SLOW CHARGING SOCKET

HV01 AC SLOW CHARGING PORT - 3D VIEW



Connector Name	AC slow charging socket
Connector Number	HV01
Connector model	F09-253-000009

HV01 AC SLOW CHARGING SOCKET - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
L1	6.0 O	Live wire	
N	6.0 O	Neutral wire	
T_L1+	0.5L	Slow charging L1 temperature sensor NTC+	
T_L1-	0.5L	Slow charging L1 temperature sensor NTC-	
PP	0.5Gr	Charging connector confirmation signal	
CP	0.5O	Control signal	
L2	6.0 O	Live wire	

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Terminal number	Wire Gauge and Color	Function	Note
L3	6.0 O	Live wire	
T_N+	0.5Y	Slow charging N temperature sensor NTC+	
T_N-	0.5Y	Slow charging N temperature sensor NTC-	

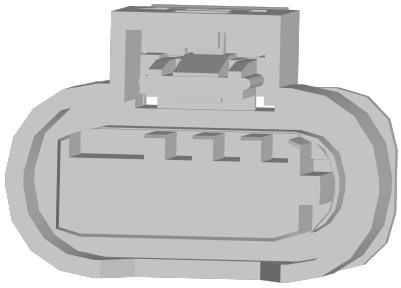
HV01 AC SLOW CHARGING SOCKET - ADDRESS ATTRIBUTE

Location	
	6.17.1 High voltage wiring harness (page 228)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)
	4.3 AC Slow Charging System (page 129)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)

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7.17.2 HV02 AC SLOW CHARGING ELECTRONIC LOCK

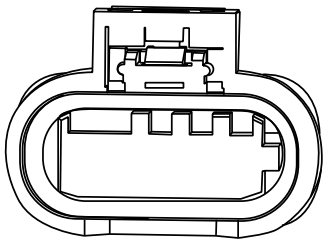
HV02 AC SLOW CHARGING ELECTRONIC LOCK - 3D DIAGRAM



Connector Name	AC slow charging electronic l ock
Connector Number	HV02
Connector model	F09-253-000009

HV02 AC SLOW CHARGING ELECTRONIC LOCK - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	0.5W	AC slow charging electronic lock feedback	
2	0.5L/W	AC slow charging electronic lock feedback-	
3	0.5R	Electronic l ocking	
4	0.5B	Unlock the electronic l ock	

HV02 AC SLOW CHARGING ELECTRONIC LOCK - ADDRESS ATTRIBUTE

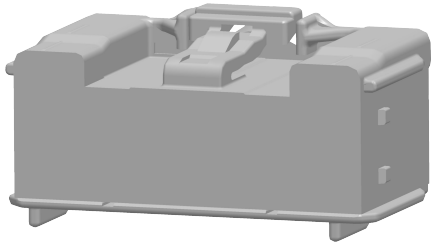
Location	6.17.1 High voltage wiring harness (page 228)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.3 AC Slow Charging System (page 129)

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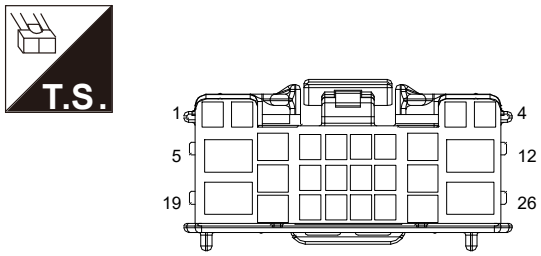
7.17.3 HV03&BDX68

HV03&BDX68-3D DRAWING



Connector Name	HV03&BDX68
Connector Number	HV03
Connector model	6098-7906(Sumitomo)

HV03&BDX68-2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	0.5Gr	Charging connector confirmation signal	
2	0.5O	Control signal	
3	0.5L	Slow charging L1 temperature sensor NTC+	
4	0.5L	Slow charging L1 temperature sensor NTC-	
5	-	-	
6	-	-	
7	-	-	
8	0.5P	Fast charging positive temperatur	

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Terminal number	Wire Gauge and Color	Function	Note
		e sensor NTC+	
9	0.5P	Fast charging positive temperature sensor NTC-	
10	0.5Y	Slow charging N temperature sensor NTC+	
11	0.5Y	Slow charging N temperature sensor NTC-	
12	-	-	
13	-	-	
14	0.5Br	Fast charging negative temperature sensor NTC+	
15	0.5Br	Fast charging negative temperature sensor NTC-	
16	0.5R	Electronic lock locking +	
17	0.5B	Electronic lock unlock -	

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Terminal number	Wire Gauge and Color	Function	Note
18	-	-	
19	-	-	
20	-	-	
21	0.5W	AC slow charging electronic lock feedback	
22	0.5L/W	AC slow charging electronic lock feedback-	
23	-	-	
24	-	-	
25	-	-	
26	-	-	

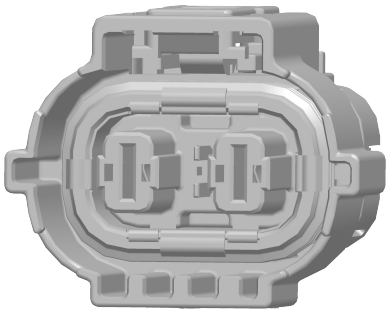
HV03&BDX68-ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.3 AC Slow Charging System (page 129)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)
Location Diagram	BDX68&HV03 (page 817)

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7.17.4 HV04 POWER BATTERY PACK ASSEMBLY (TO COMPRESSOR)

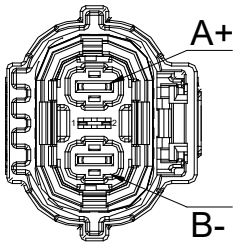
HV04 POWER BATTERY PACK ASSEMBLY (CONNECTED TO COMPRESSOR) - 3D VIEW



Connector Name	Power battery pack assembly (connected to compressor)
Connector Number	HV04
Connector model	EVH2D3-N2TK-DB(AVIC)

HV04 POWER BATTERY PACK ASSEMBLY (CONNECTED TO COMPRESSOR) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
A	4.0 O	Electric compressor+	
B	4.0 O	Electric compressor-	
1	-	Interlock Terminal	
2	-	Interlock Terminal	

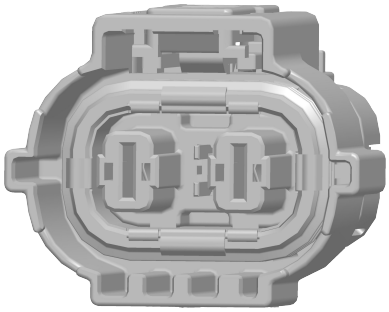
HV04 POWER BATTERY PACK ASSEMBLY (CONNECTED TO COMPRESSOR) - ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

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7.17.5 HV05 POWER BATTERY PACK ASSEMBLY (CONNECTED TO THE 2-IN-1 POWER SUPPLY ASSEMBLY)

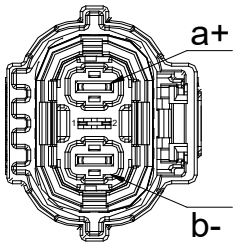
HV05 POWER BATTERY PACK ASSEMBLY (CONNECTED TO 2-IN-1 POWER SUPPLY ASSEMBLY) - 3D DRAWING



Connector Name	Power battery pack assembly (connected to 2-in-1 power supply assembly)
Connector Number	HV05
Connector model	EVH2D3-N2TK-DA(AVIC)

HV05 HIGH VOLTAGE BATTERY PACK ASSEMBLY (CONNECTED TO 2-IN-1 POWER SUPPLY ASSEMBLY) - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	4.0 O	Two-in-One Power Assembly+	
2	4.0 O	2-in-1 Power Supply Assembly-	
3	-	Interlock Terminal	
4	-	Interlock Terminal	

HV05 POWER BATTERY PACK ASSEMBLY (CONNECTED TO 2-IN-1 POWER SUPPLY ASSEMBLY) - ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)

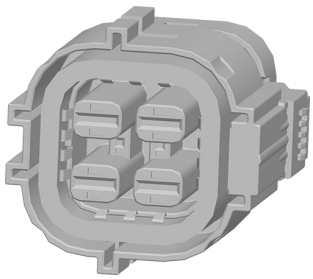
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	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)
	4.3 AC Slow Charging System (page 129)

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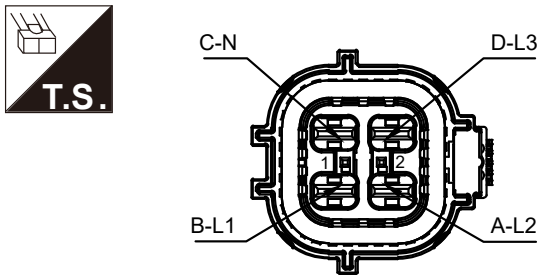
7.17.6 HV06 2-IN-1 POWER ASSEMBLY (CONNECTED TO THE AC SLOW CHARGING PORT)

HV06 2-IN-1 POWER ASSEMBLY (CONNECTED TO THE AC SLOW CHARGING PORT) - 3D DRAWING



Connector Name	2-in-1 power assembly (connected to the AC charging port)
Connector Number	HV06
Connector model	1-2478424-1(TE)

HV06 2-IN-1 POWER ASSEMBLY (CONNECTED TO SLOW CHARGING PORT) - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
A	6.0 O	Live wire	
B	6.0 O	Live wire	
C	6.0 O	Neutral wire	
D	6.0 O	Live wire	
1	-	Interlock Terminal	
2	-	Interlock Terminal	

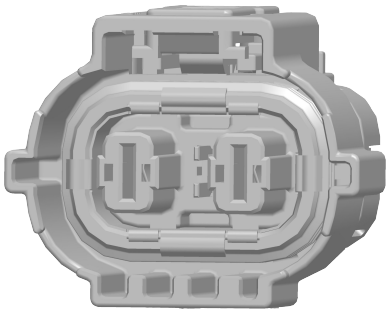
HV06 2-IN-1 POWER SUPPLY ASSEMBLY (CONNECTED TO AC SLOW CHARGING PORT) - ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

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7.17.7 HV08 2-IN-1 POWER SUPPLY ASSEMBLY

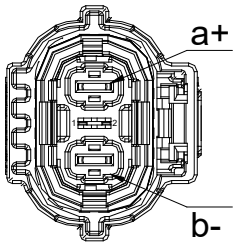
HV08 2-IN-1 POWER ASSEMBLY - 3D DRAWING



Connector Name	2-in-1 Power Supply Assembly
Connector Number	HV08
Connector model	EVH2D3-N2TK-DA(AVIC)

HV08 2-IN-1 POWER SUPPLY ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
a	4.0 O	Two-in-One Power Assembly+	
b	4.0 O	2-in-1 Power Supply Assembly-	
1	-	Interlock Terminal	
2	-	Interlock Terminal	

HV08 2-IN-1 POWER SUPPLY ASSEMBLY - ADDRESS PROPERTIES

Location	6.17.1 High voltage wiring harness (page 228)
System	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)
	4.3 AC Slow Charging System (page 129)

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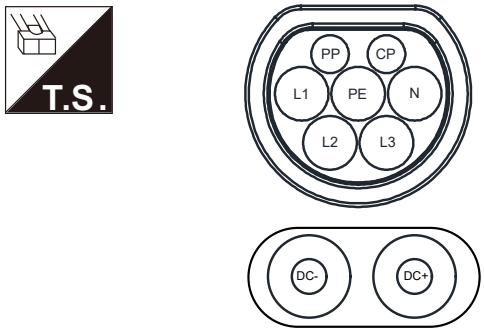
7.17.8 HV09 DC FAST CHARGING SOCKET

HV09 DC FAST CHARGING SOCKET-3D VIEW



Connector Name	DC fast charging socket
Connector Number	HV09
Connector model	F09-254-000024

HV09 DC FAST CHARGING SOCKET - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
DC+	95.0 O	DC high voltage + (integrated temperature sensor) provided by the charging pile	
DC-	95.0 O	DC high voltage provided by the charging pile-(integrated temperature sensor)	
PE	25.0Y/G	Ground wire shared with the vehicle body and the charging pile	

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Terminal number	Wire Gauge and Color	Function	Note
CP	0.5O	Control signal	
PP	0.5Gr	Charging connector confirmation signal	
TDC-	0.5Br	Fast charging negative temperature sensor NTC+	
TDC-	0.5Br	Fast charging negative temperature sensor NTC-	
TDC+	0.5P	Fast charging positive temperature sensor NTC+	
TDC+	0.5P	Fast charging positive temperature sensor NTC-	

HV09 DC FAST CHARGING SOCKET - ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.14 Main Zone Controller System Circuit Diagram (page 140)
	4.21 Two-in-One Power Supply System Circuit Diagram (page 147)
	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

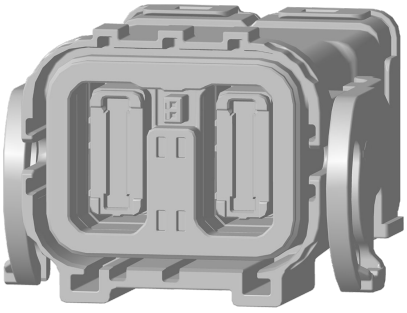
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	4.2 BMS Battery Management and DC Fast Charging System (page 128)
	4.7 Charging Protocol Converter Circuit Diagram (page 133)

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7.17.9 HV11 POWER BATTERY PACK ASSEMBLY

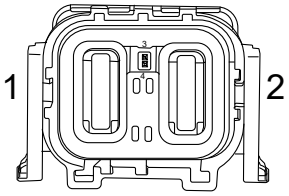
HV11 POWER BATTERY PACK ASSEMBLY - 3D DRAWING



Connector Name	Power Battery Pack Assembly
Connector Number	HV11
Connector model	2475465-1(TE)

HV11 POWER BATTERY PACK ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	95.0 O	DC high voltage + (integrated temperature sensor) provided by the charging pile	
2	95.0 O	DC high voltage provided by the charging pile-(integrated temperature sensor)	
3	-	Interlock Terminal	
4	-	Interlock Terminal	

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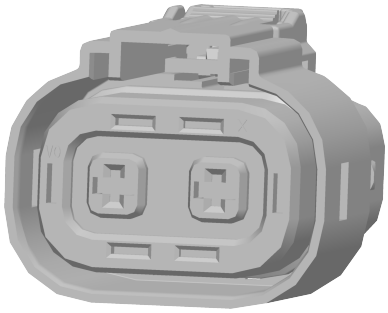
HV11 BATTERY PACK ASSEMBLY - ADDRESS PROPERTIES

Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)
	4.2 BMS Battery Management and DC Fast Charging System (page 128)

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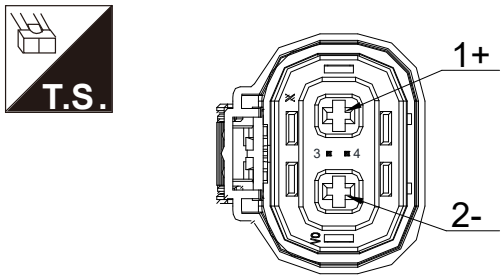
7.17.10 HV16 ELECTRIC COMPRESSOR ASSEMBLY

HV16 ELECTRIC COMPRESSOR ASSEMBLY - 3D DIAGRAM



Connector Name	Electric compressor assembly
Connector Number	HV16
Connector model	2407050-1(TE)

HV16 ELECTRIC COMPRESSOR ASSEMBLY - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	4.0 O	Electric compressor+	
2	4.0 O	Electric compressor-	
3	-	Interlock Terminal	
4	-	Interlock Terminal	

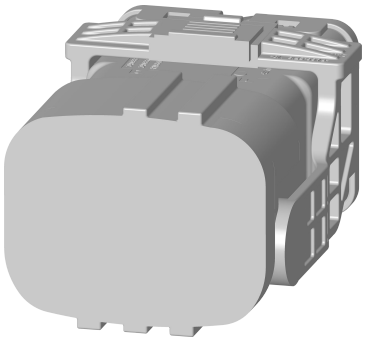
HV16 ELECTRIC COMPRESSOR ASSEMBLY - ADDRESS PROPERTIES

Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

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7.17.11 HV19 CONNECTS TO POWER BATTERY PACK ASSEMBLY

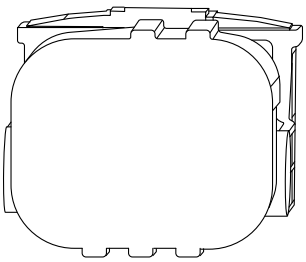
HV19 CONNECTION TO POWER BATTERY PACK ASSEMBLY - 3D VIEW



Connector Name	Connect the power battery pack assembly
Connector Number	HV19
Connector model	2-2405640-1(TE)

HV19 CONNECTION TO POWER BATTERY PACK ASSEMBLY - 2D DRAWING





Terminal number	Wire Gauge and Color	Function	Note
1	50.0 Shielding	Positive	
2	50.0 Shielding	Negative pole	
3	-	Interlock Terminal	
4	-	Interlock Terminal	

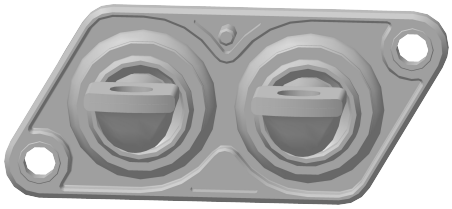
HV19 CONNECTION TO POWER BATTERY PACK ASSEMBLY - ADDRESS ATTRIBUTE

Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

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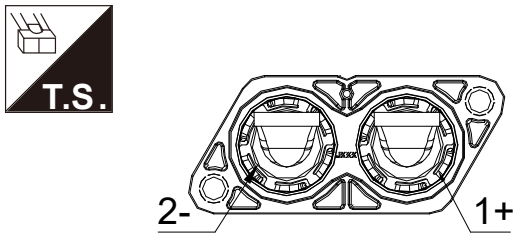
7.17.12 HV20 REAR ELECTRIC DRIVE POWERTRAIN

HV20 REAR ELECTRIC DRIVE POWERTRAIN - 3D VIEW



Connector Name	Rear electric drive powertrain
Connector Number	HV20
Connector model	2315660-2(TE)

HV20 REAR ELECTRIC DRIVE POWERTRAIN - 2D DRAWING



Terminal number	Wire Gauge and Color	Function	Note
1	50.0 Shielding	Positive	
2	50.0 Shielding	Negative pole	

HV20 REAR ELECTRIC DRIVE POWERTRAIN - ADDRESS ATTRIBUTES

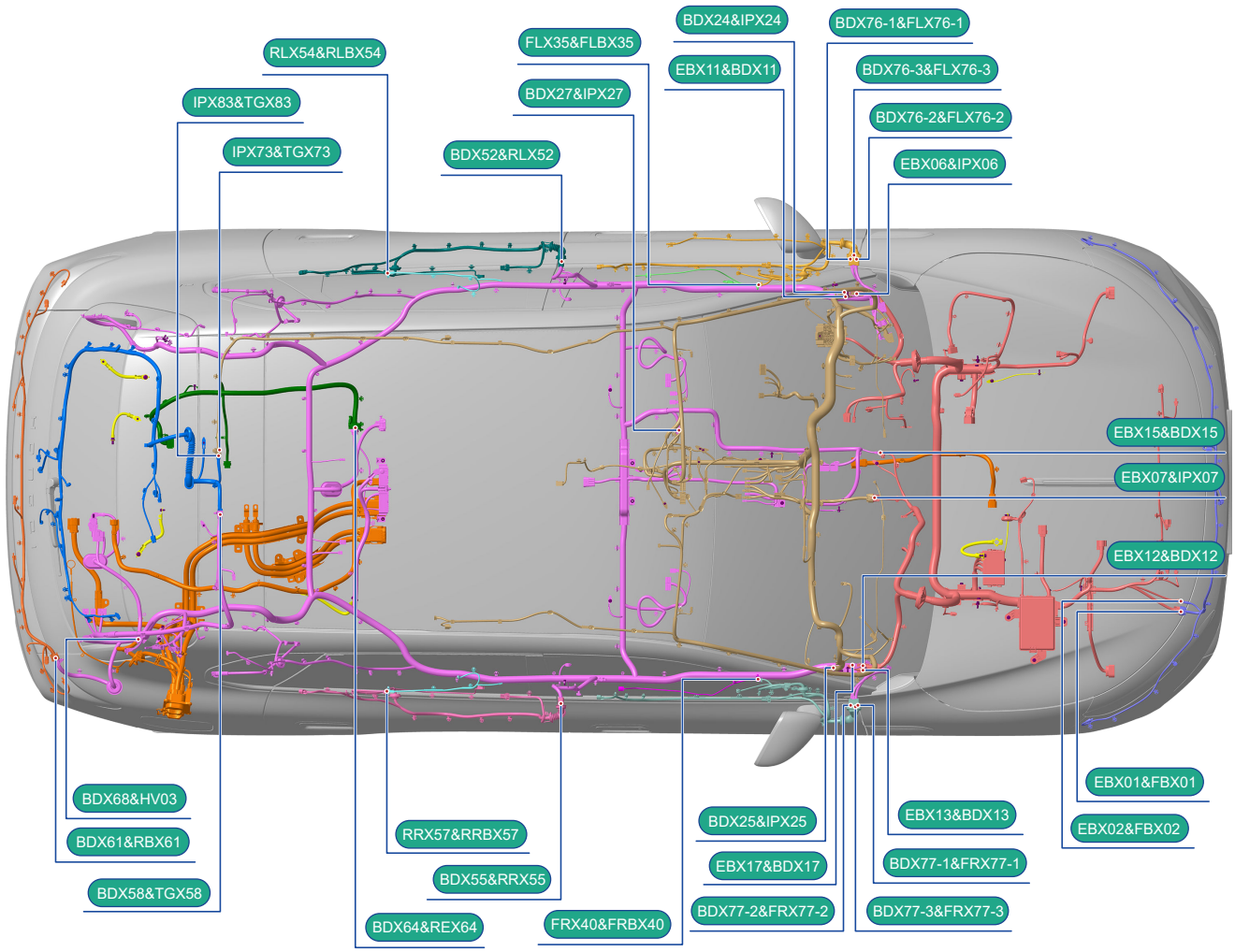
Location	6.17.1 High voltage wiring harness (page 228)
System	4.47 High Voltage Power Distribution System Circuit Diagram (page 173)

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8 8.CONNECTOR LAYOUT

8.1 8.1 CONNECTOR OVERVIEW

8.1.1 8.1.1 OVERVIEW OF MATING CONNECTORS

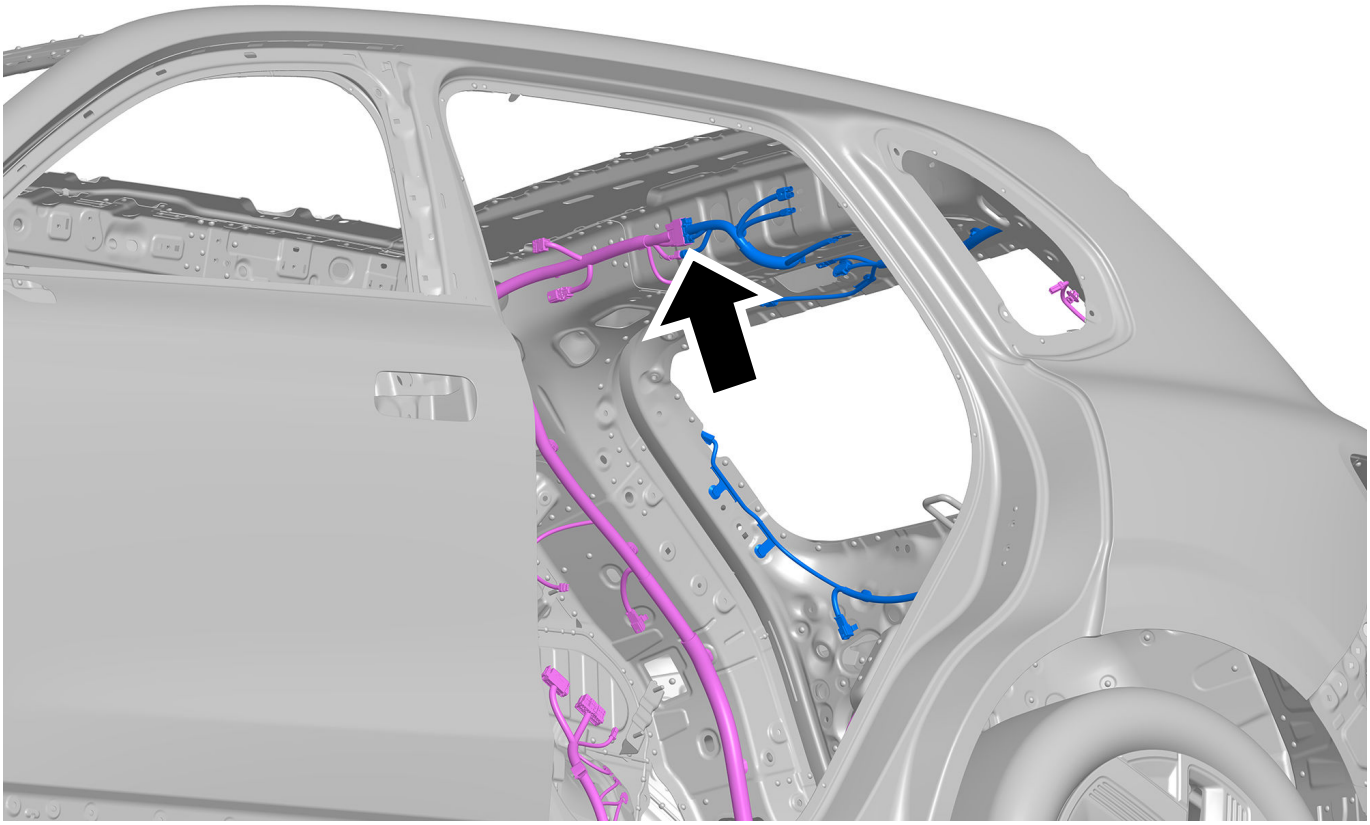


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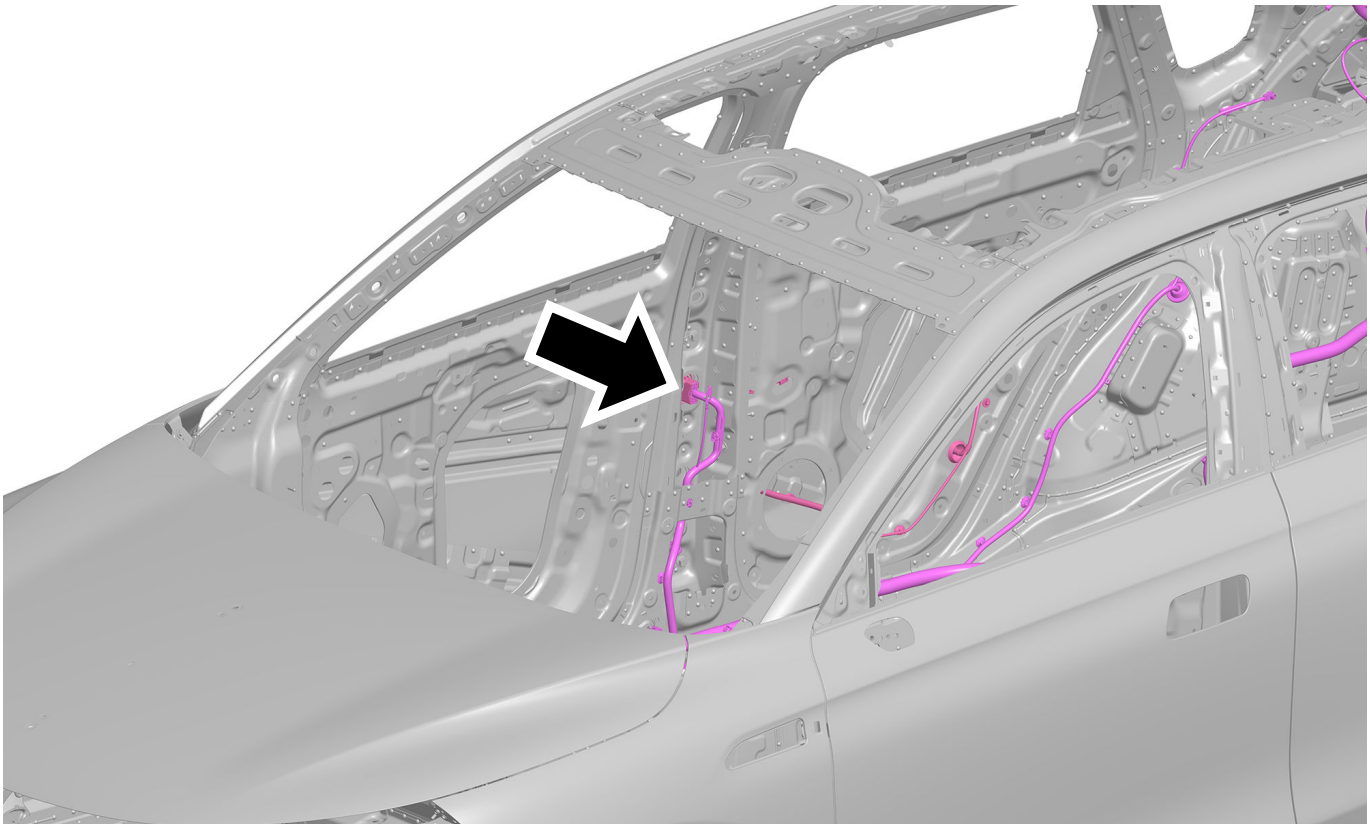
8.2 8.2 LOCATION DISTRIBUTION OF CONNECTORS

8.2.1 BDX5&8TGX58



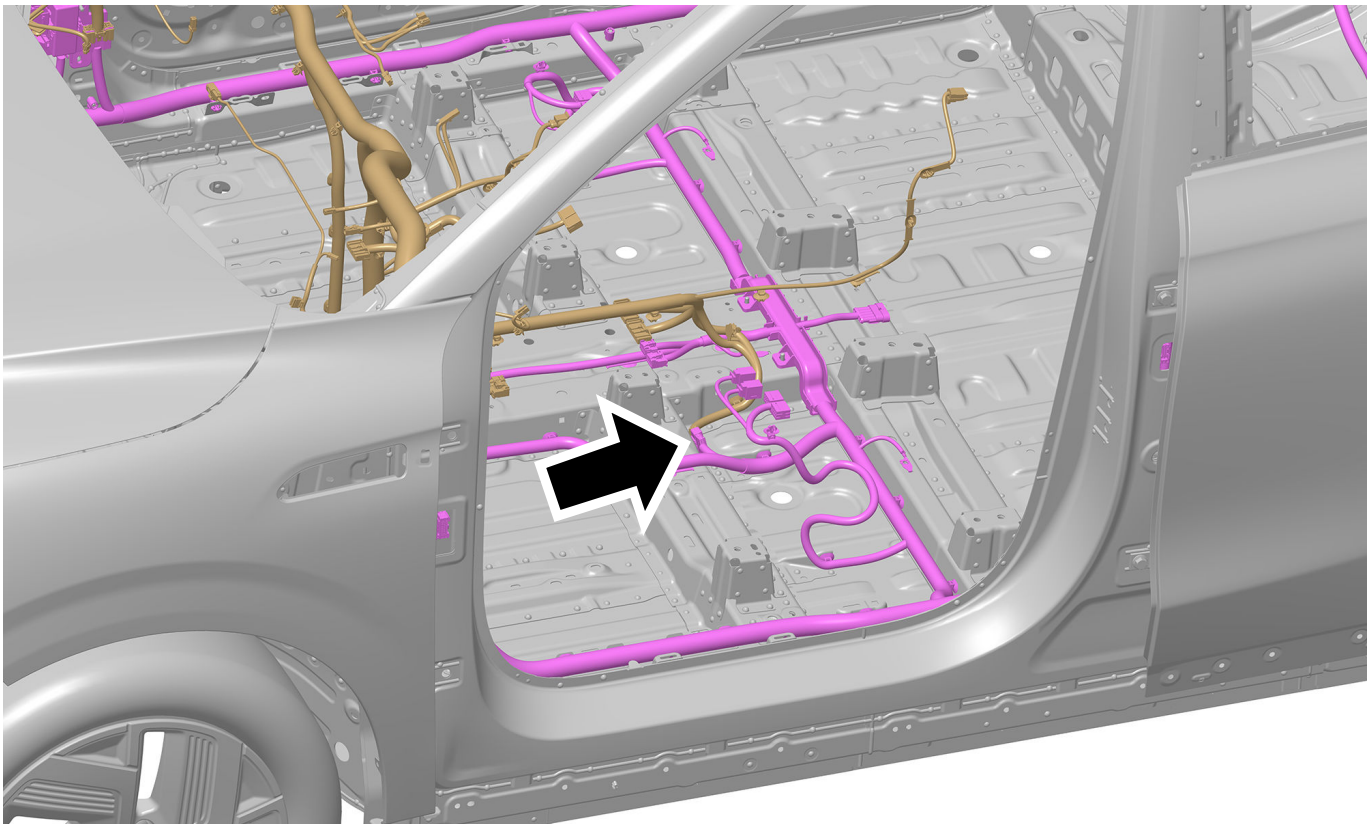
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8.2.2 BDX55&RRX55



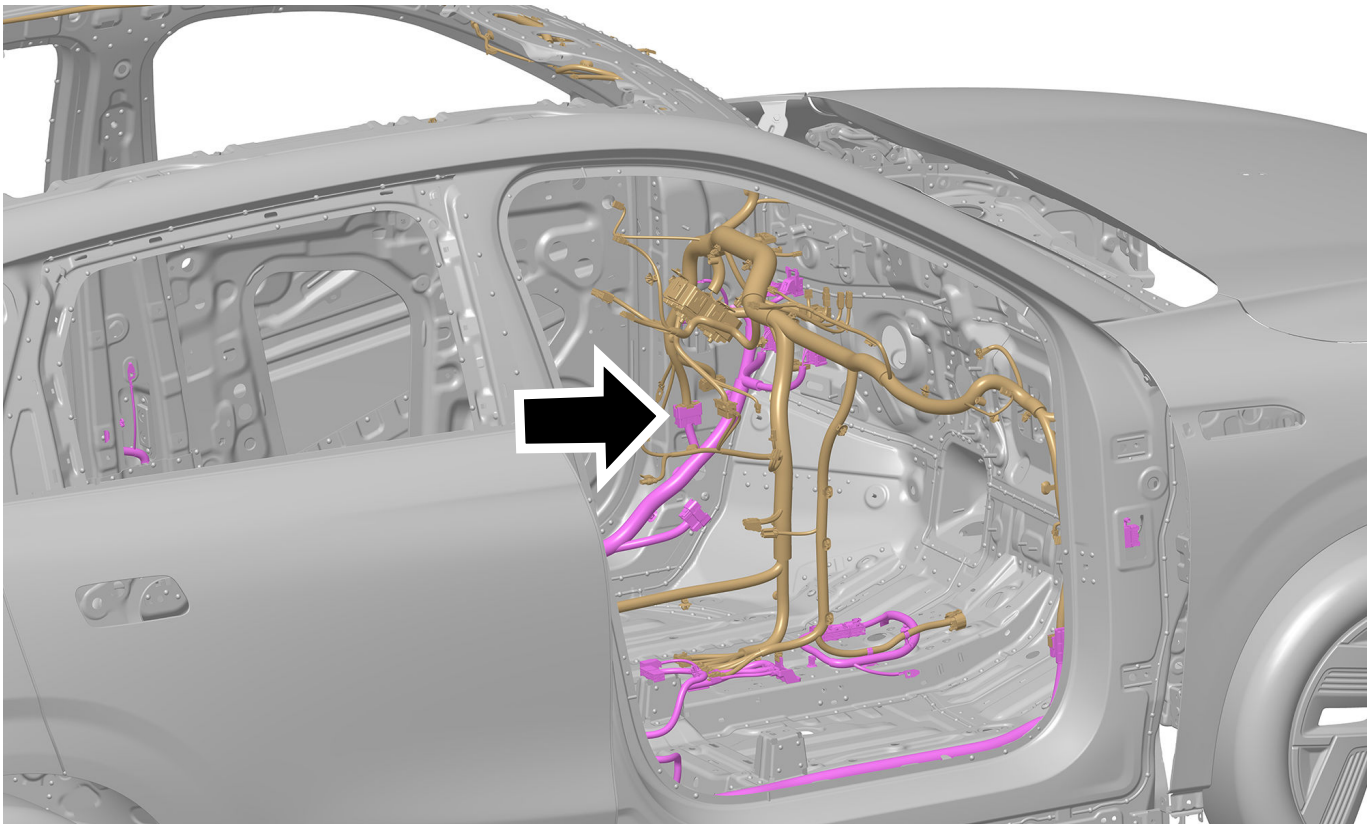
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8.2.3 BDX27&IPX27



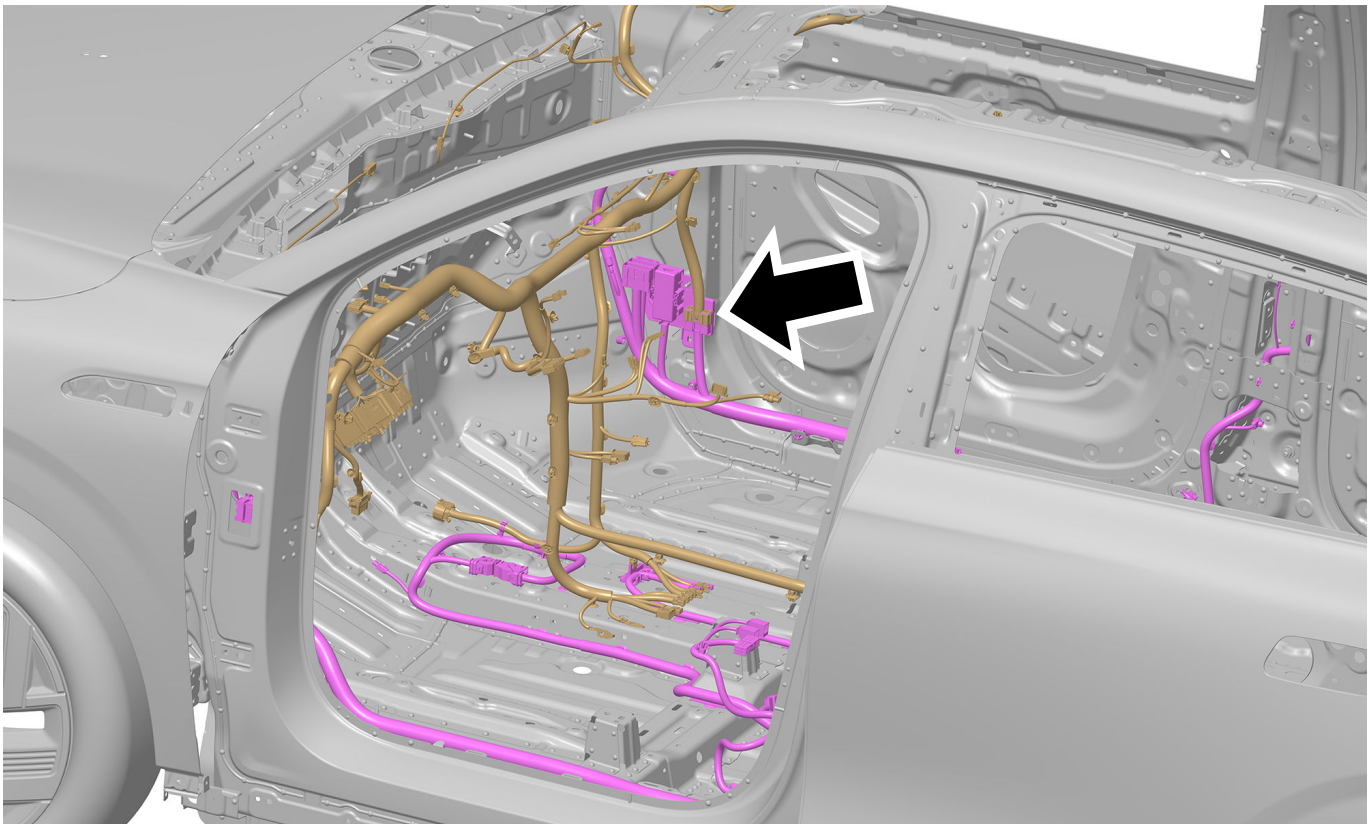
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8.2.4 BDX24&IPX24



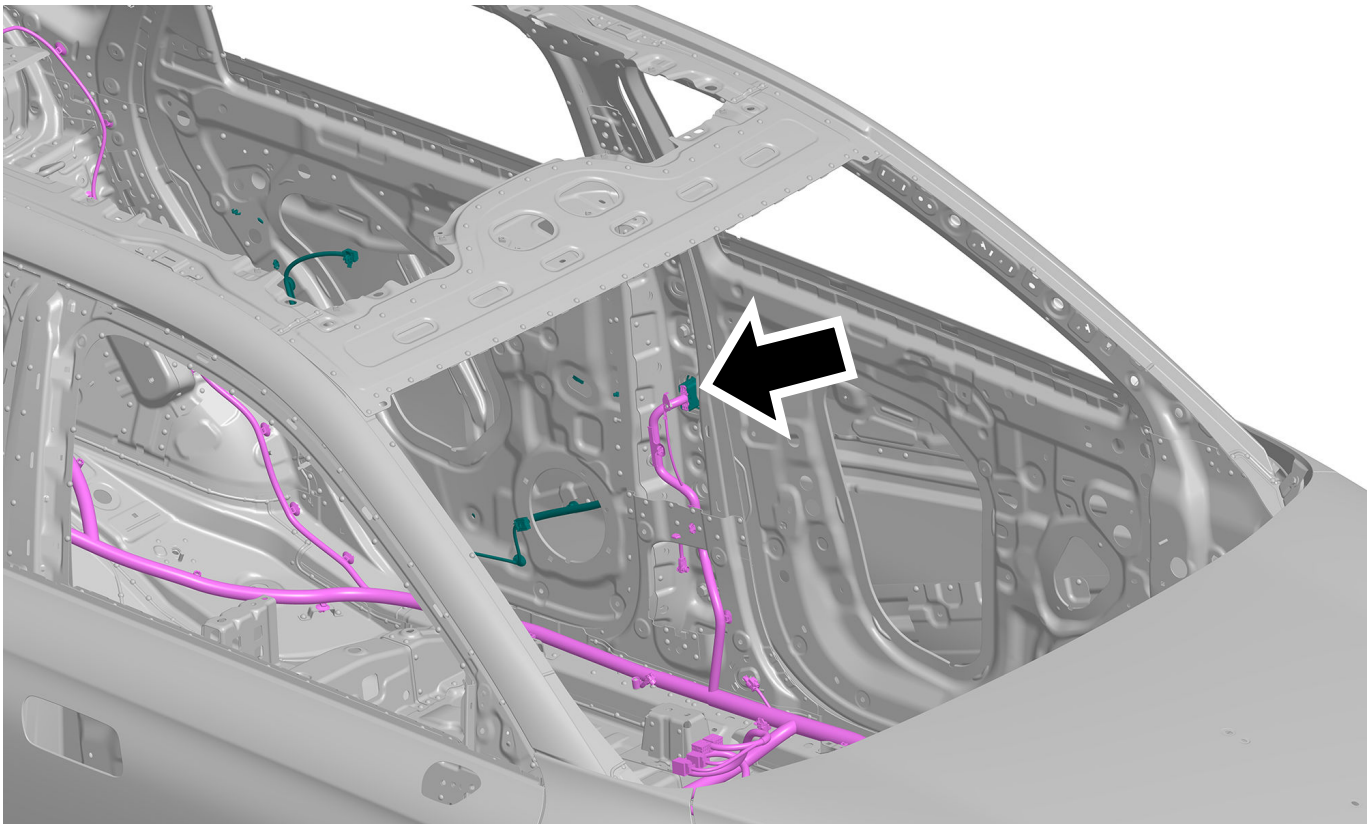
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8.2.5 BDX25&IPX25



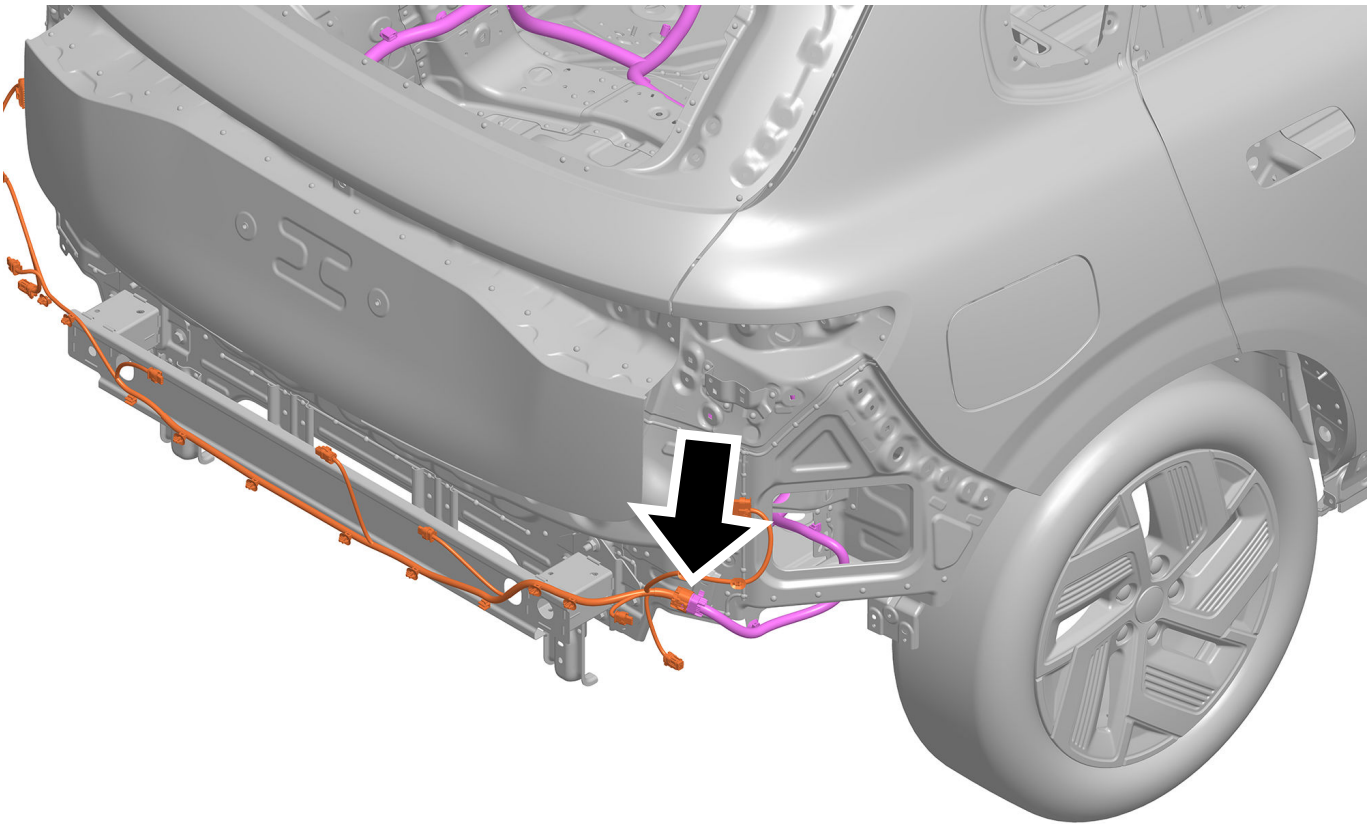
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8.2.6 BDX52&RLX52



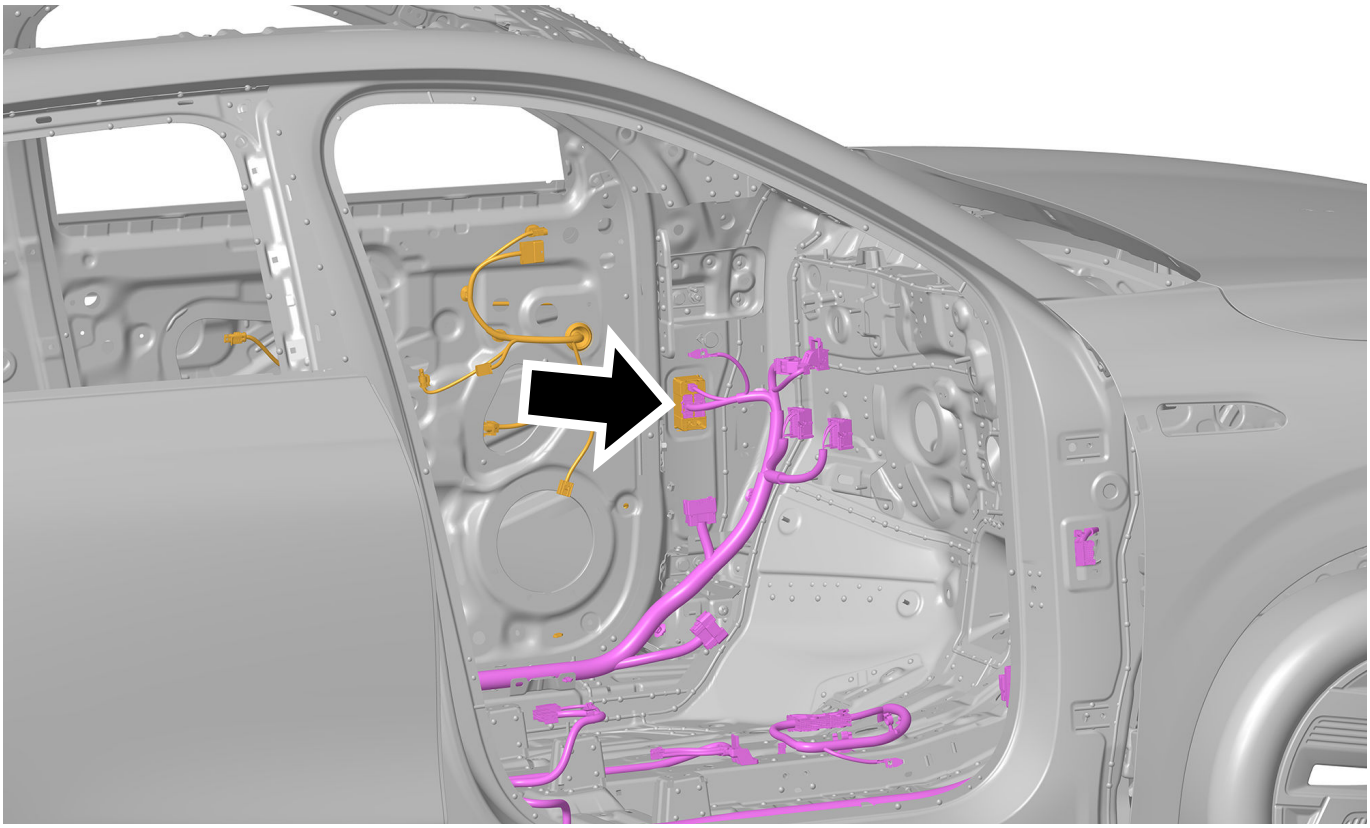
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8.2.7 BDX61&RBX61



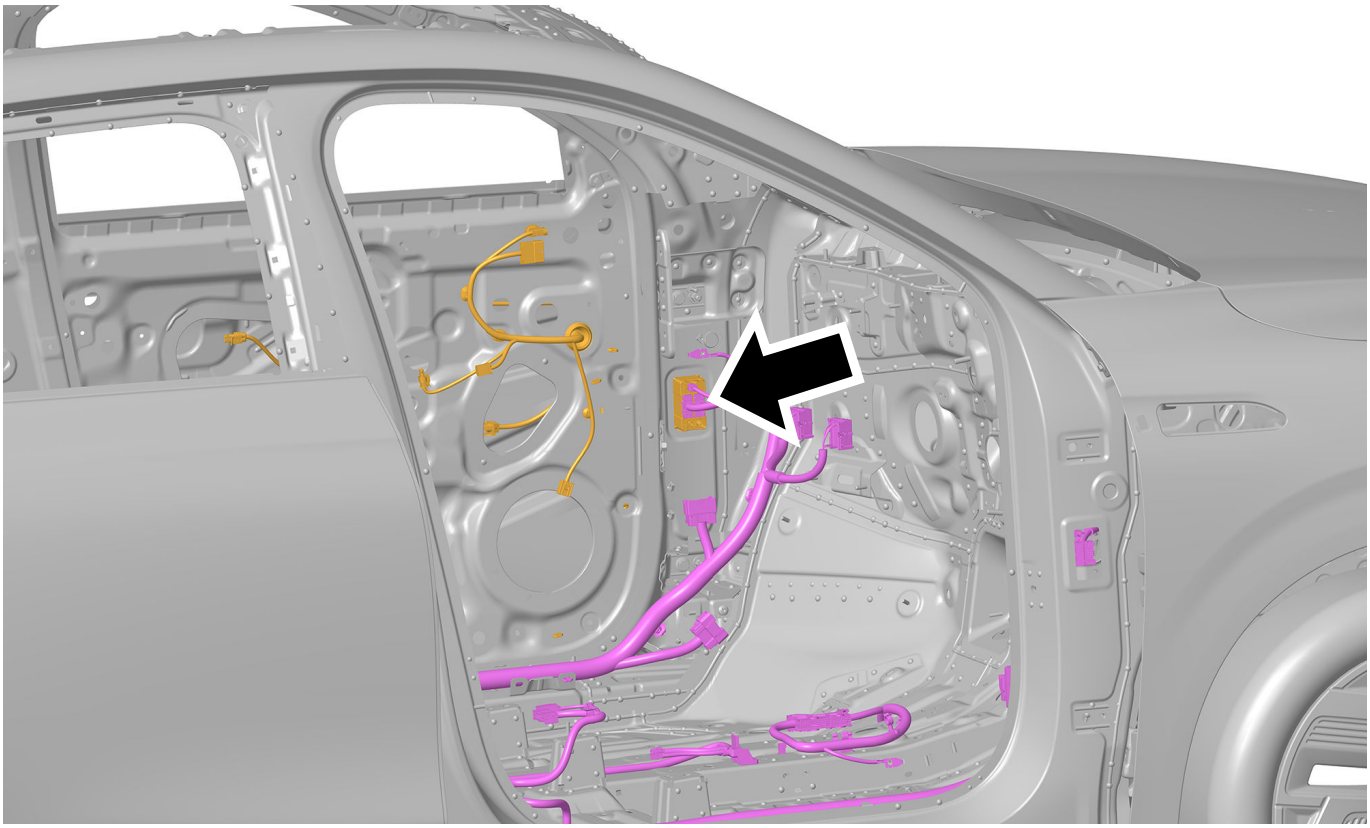
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8.2.8 BDX76-1&FLX76-1



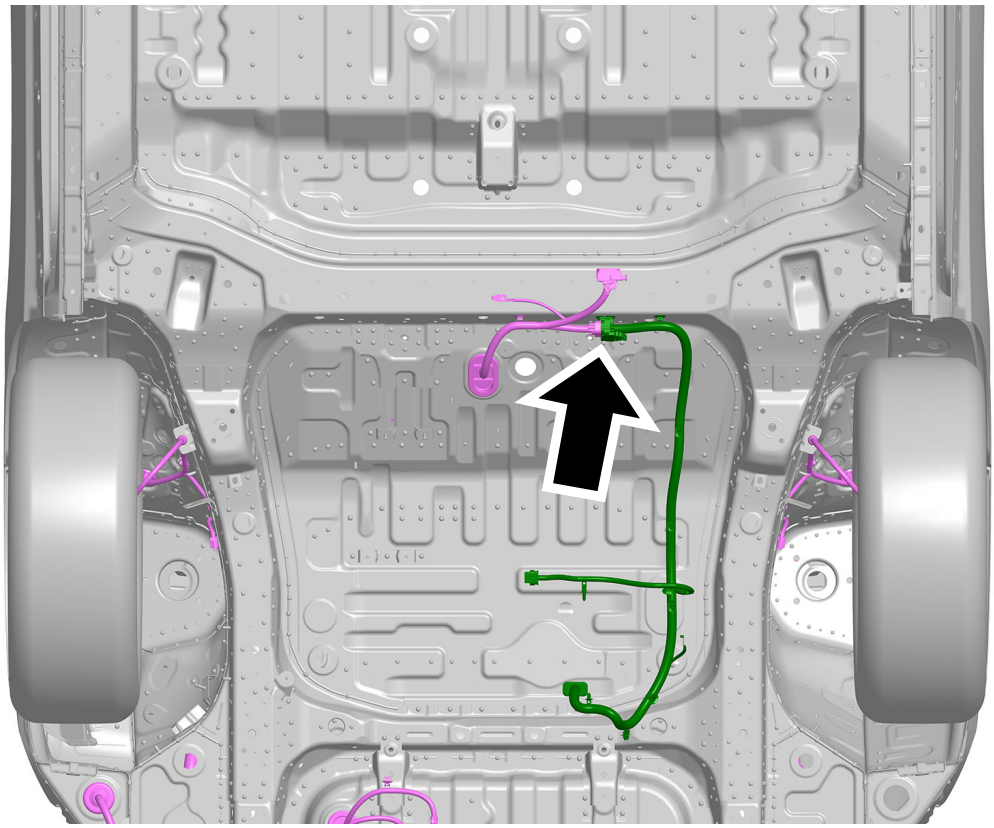
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8.2.9 BDX76-2&FLX76-2



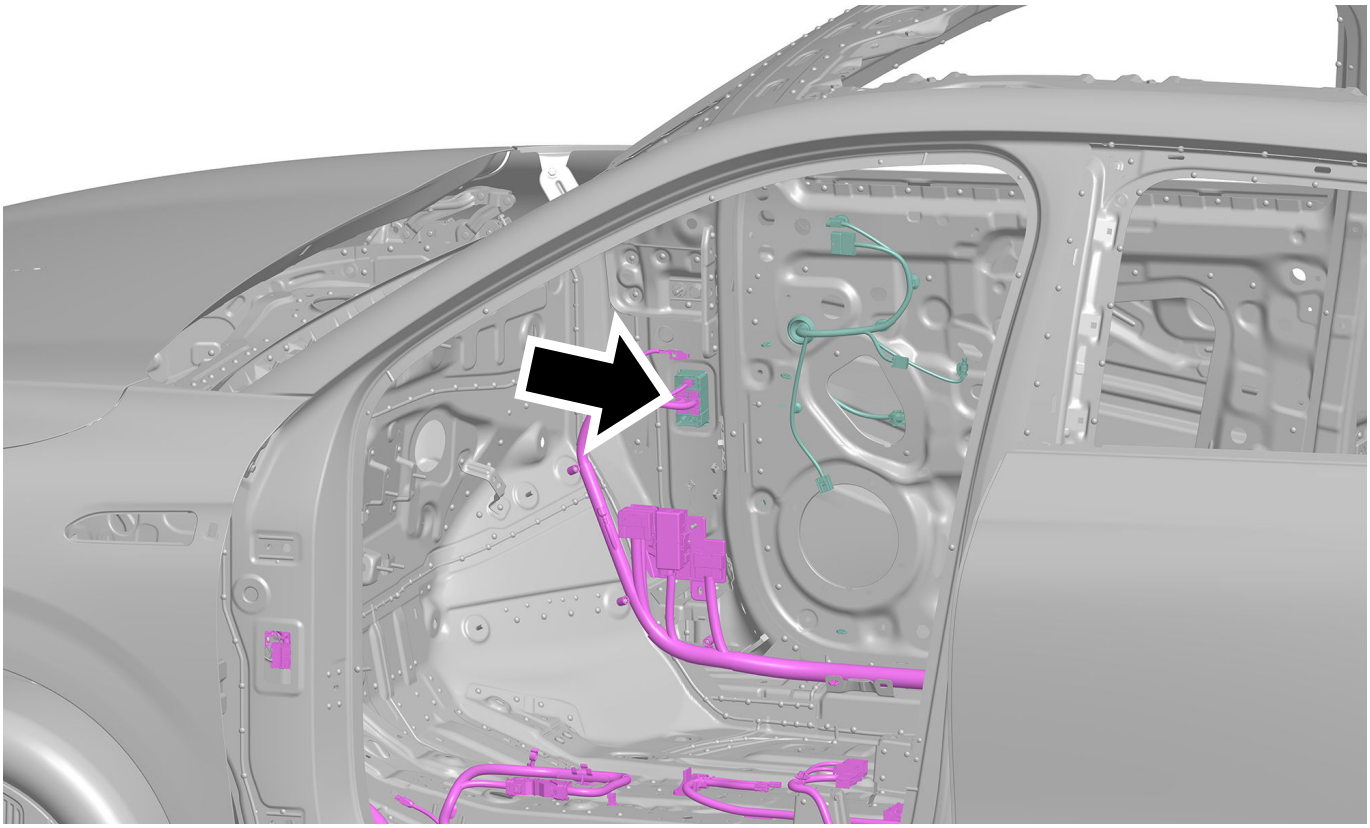
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8.2.10 BDX64&REX64



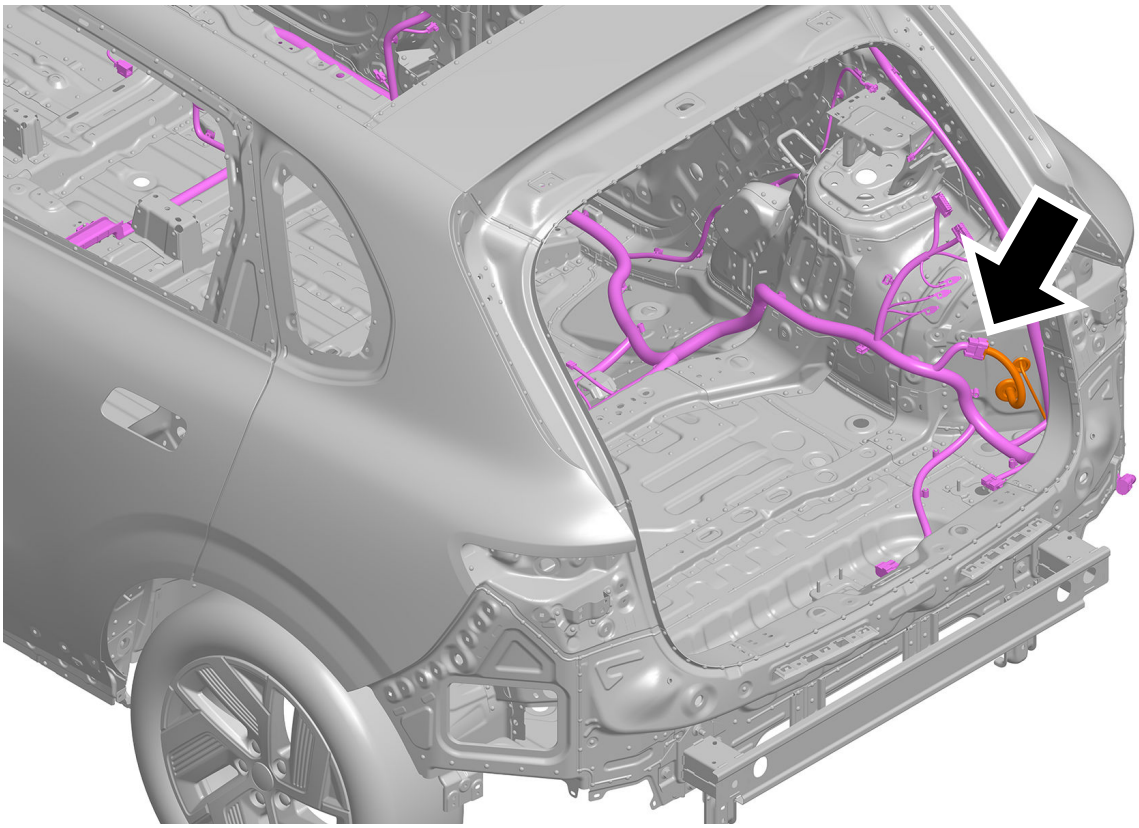
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8.2.11 BDX77-1&FRX77-1



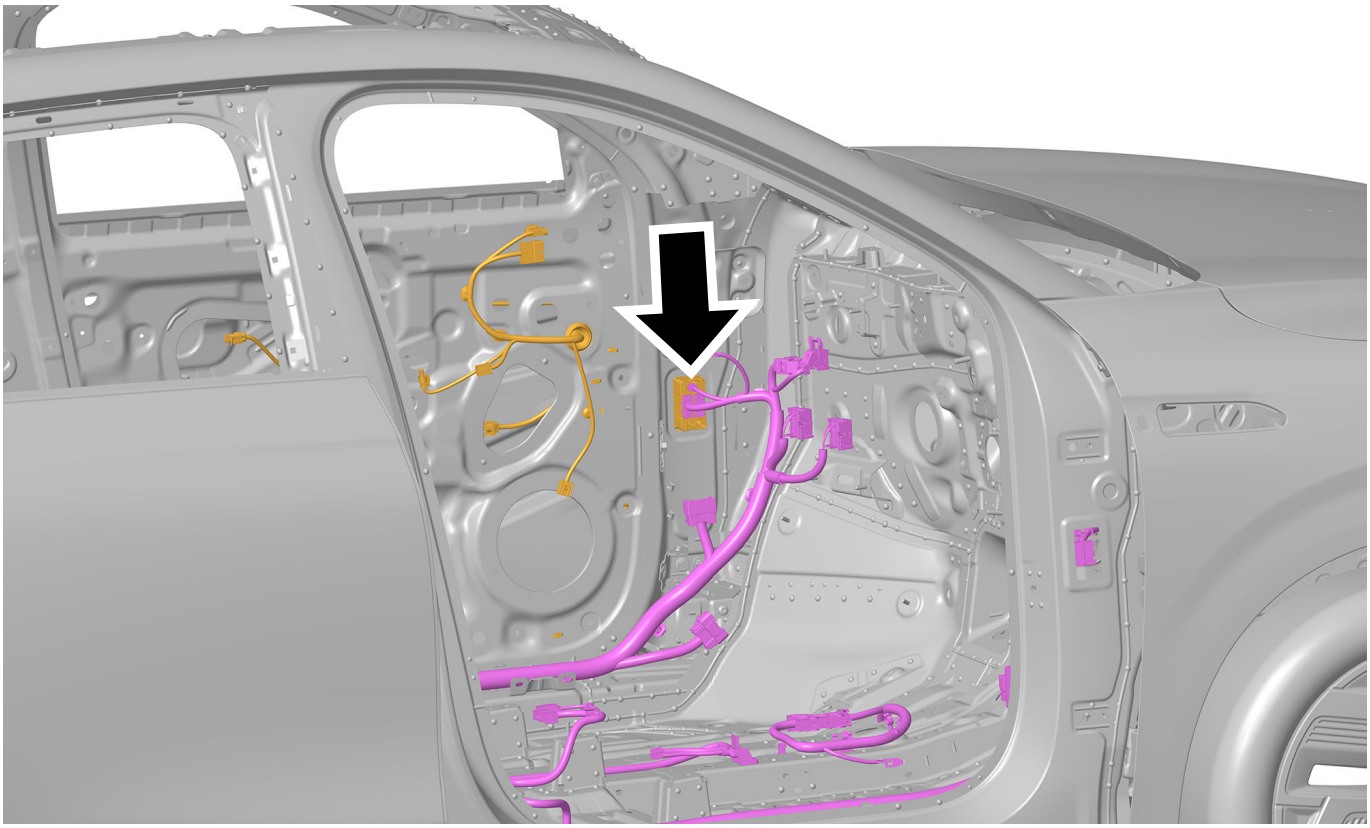
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8.2.12 BDX68&HV03



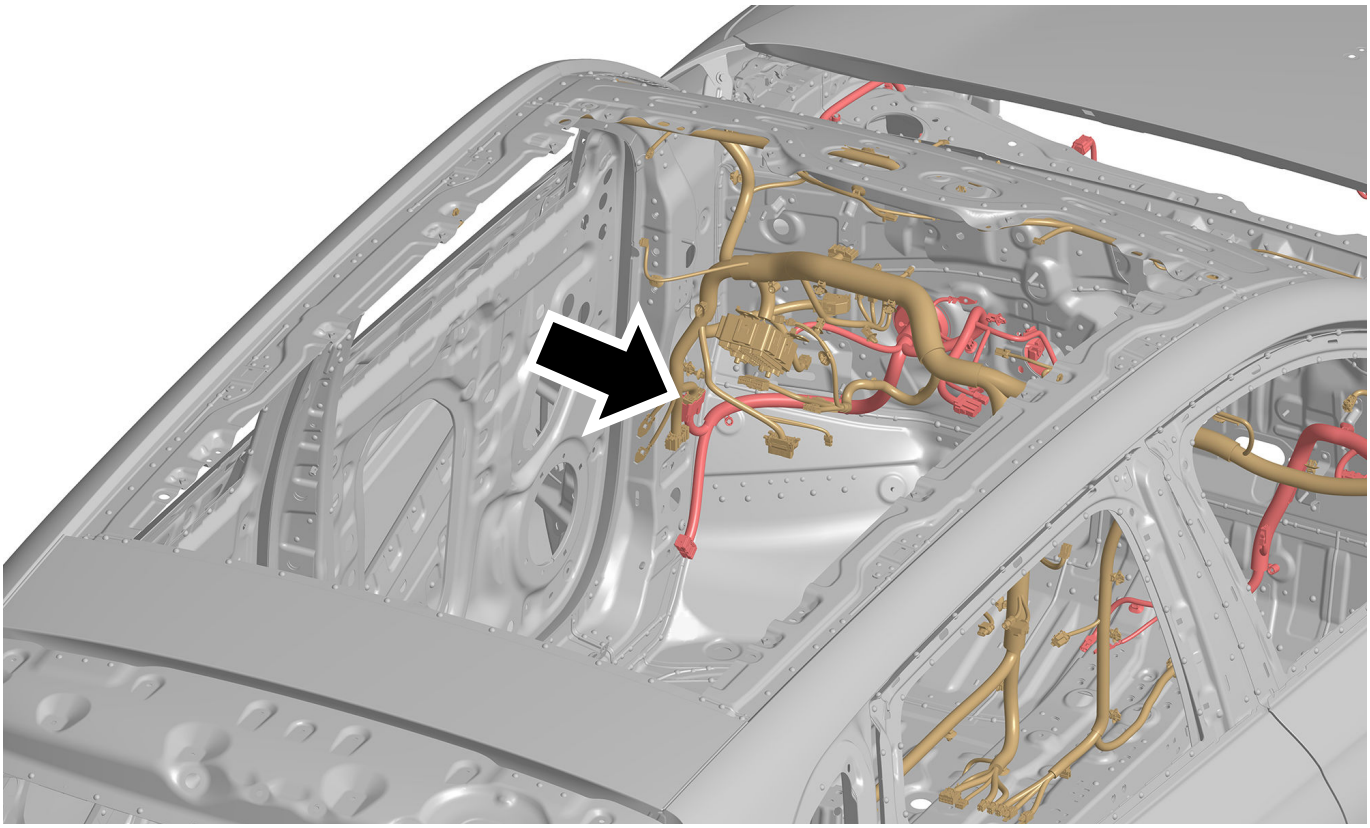
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8.2.13 BDX76-3&FLX76-3



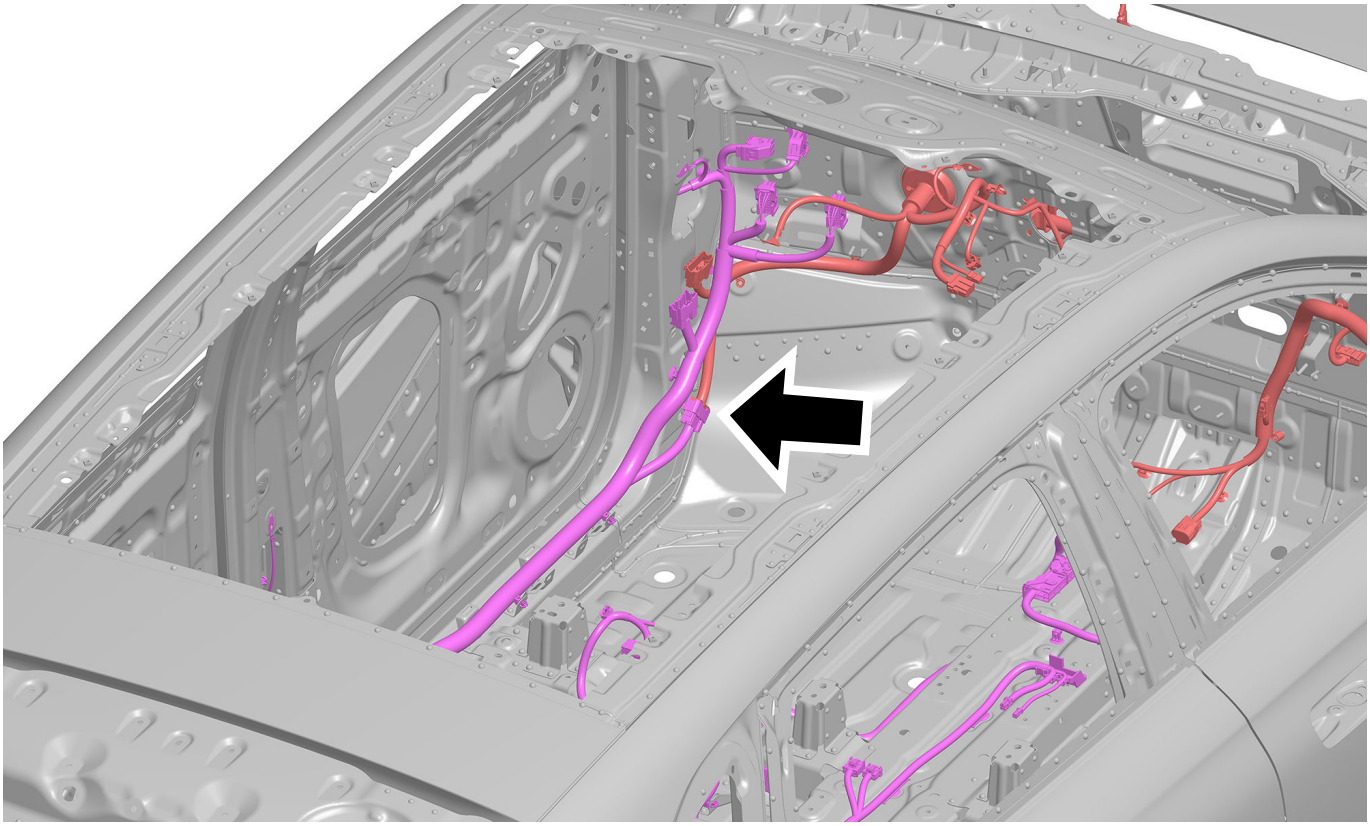
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8.2.14 EBX06&IPX06



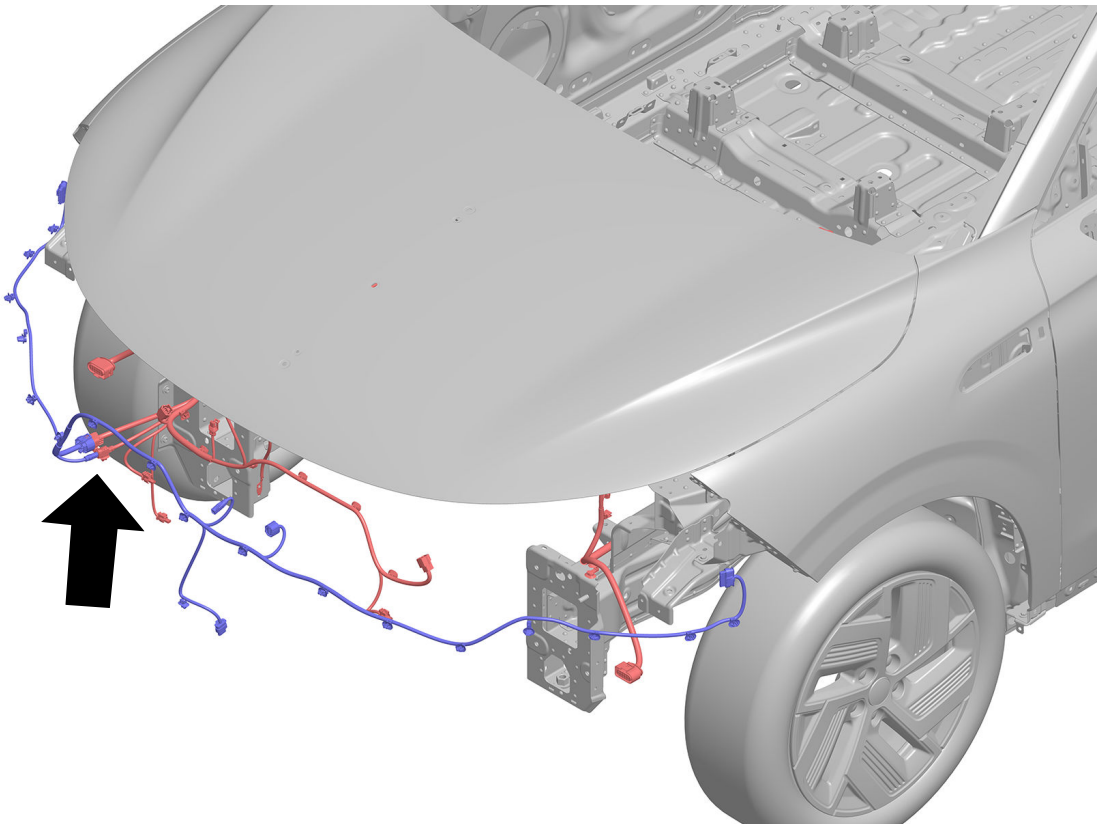
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8.2.15 EBX11&BDX11



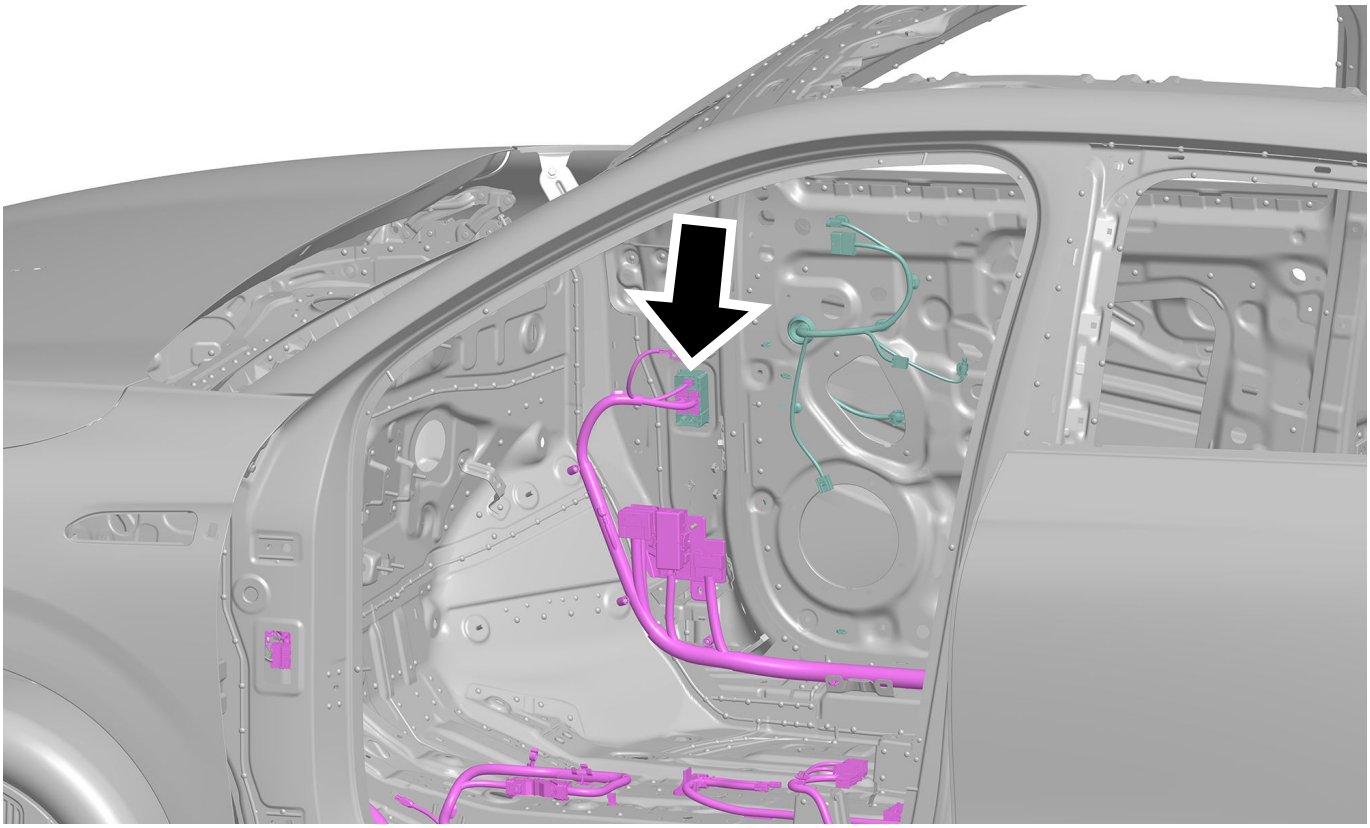
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8.2.16 EBX02&FBX02



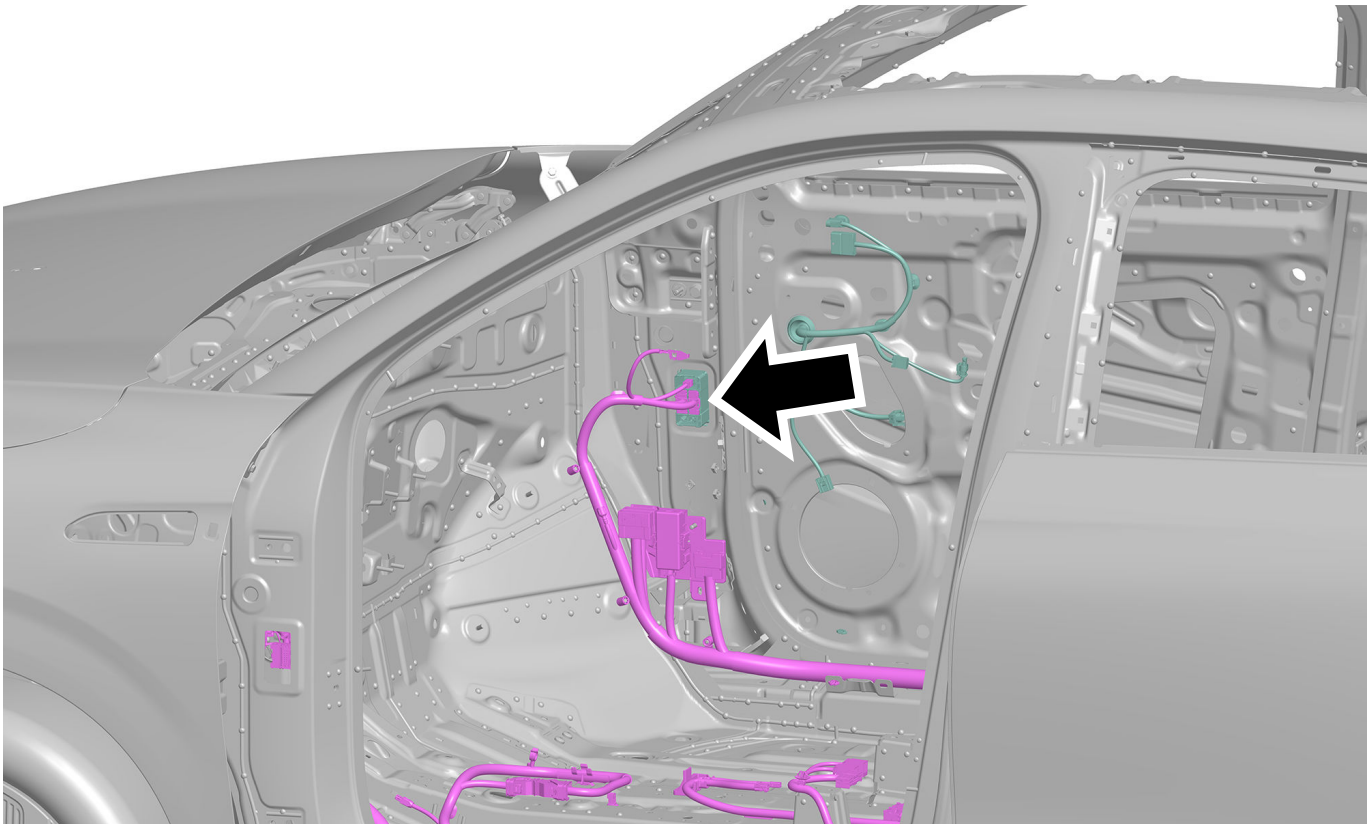
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8.2.17 BDX77-3&FRX77-3



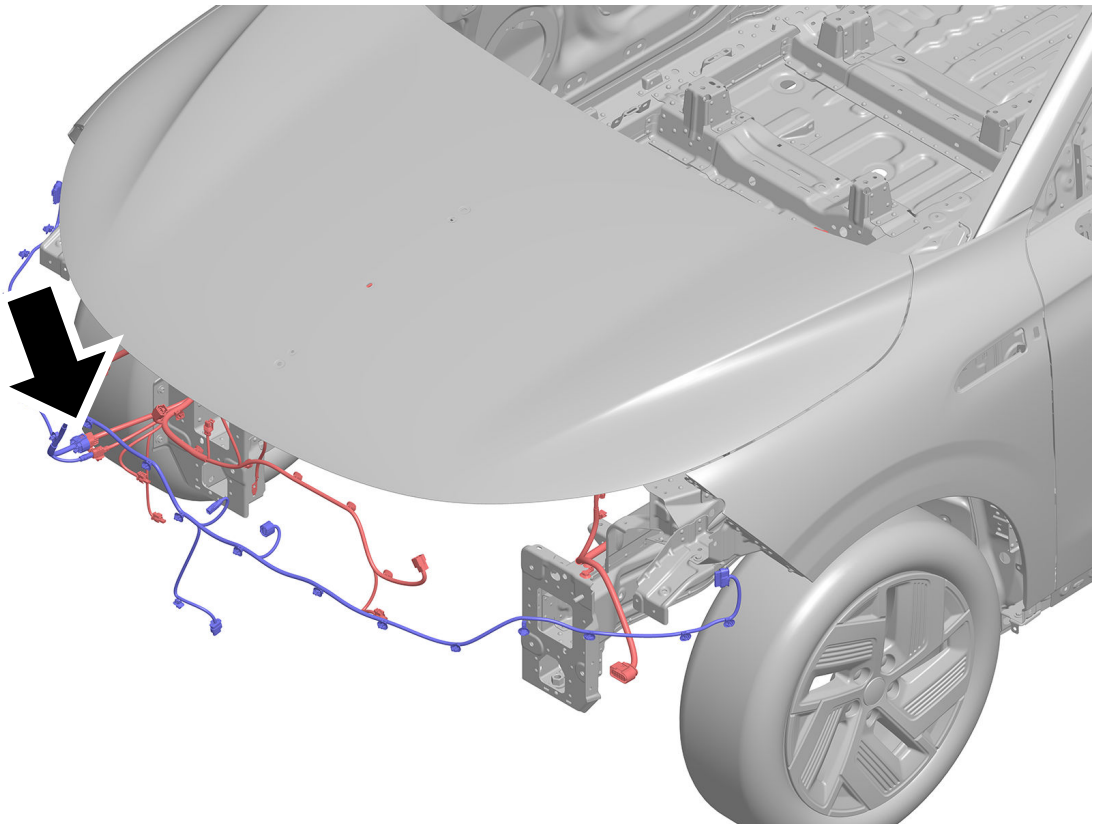
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8.2.18 BDX77-2&FRX77-2



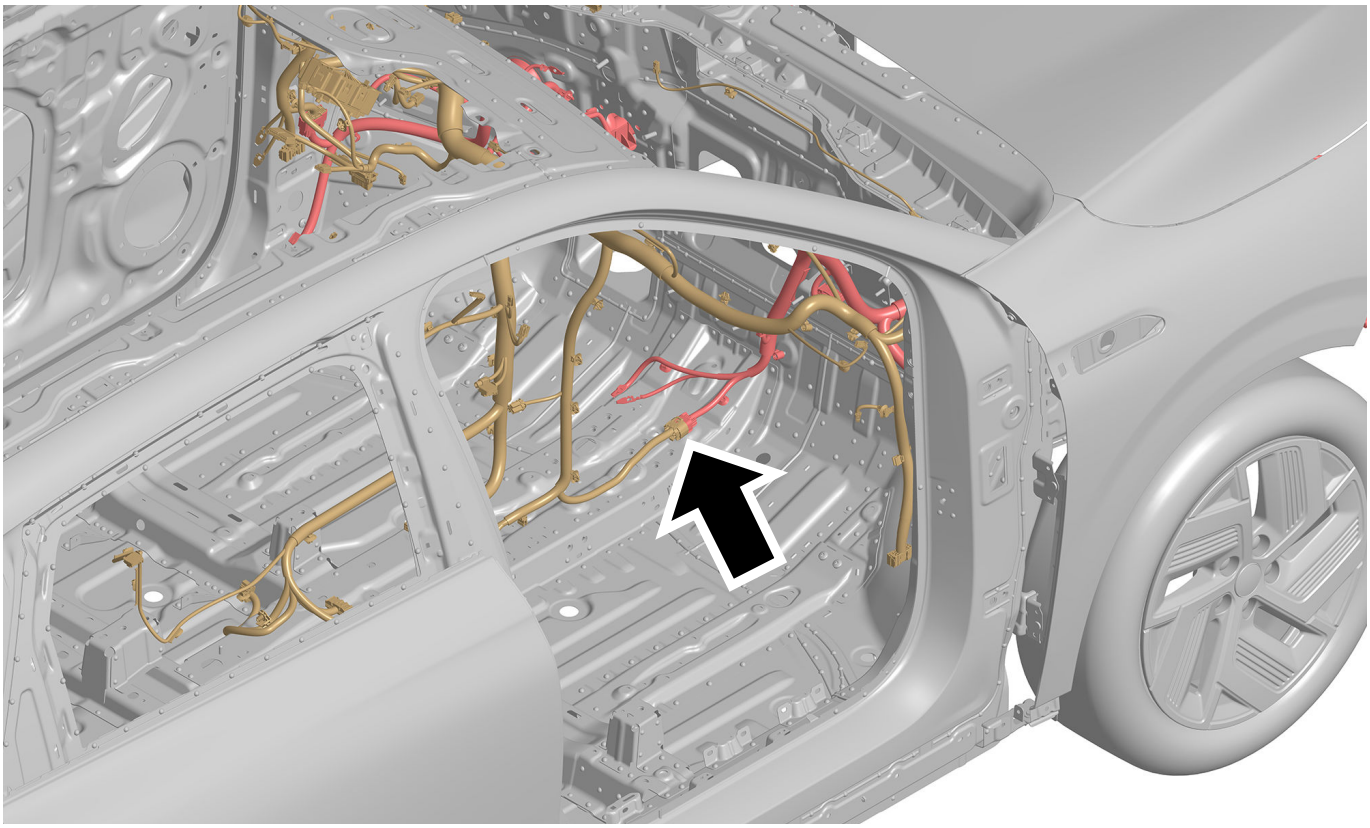
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8.2.19 EBX01&FBX01



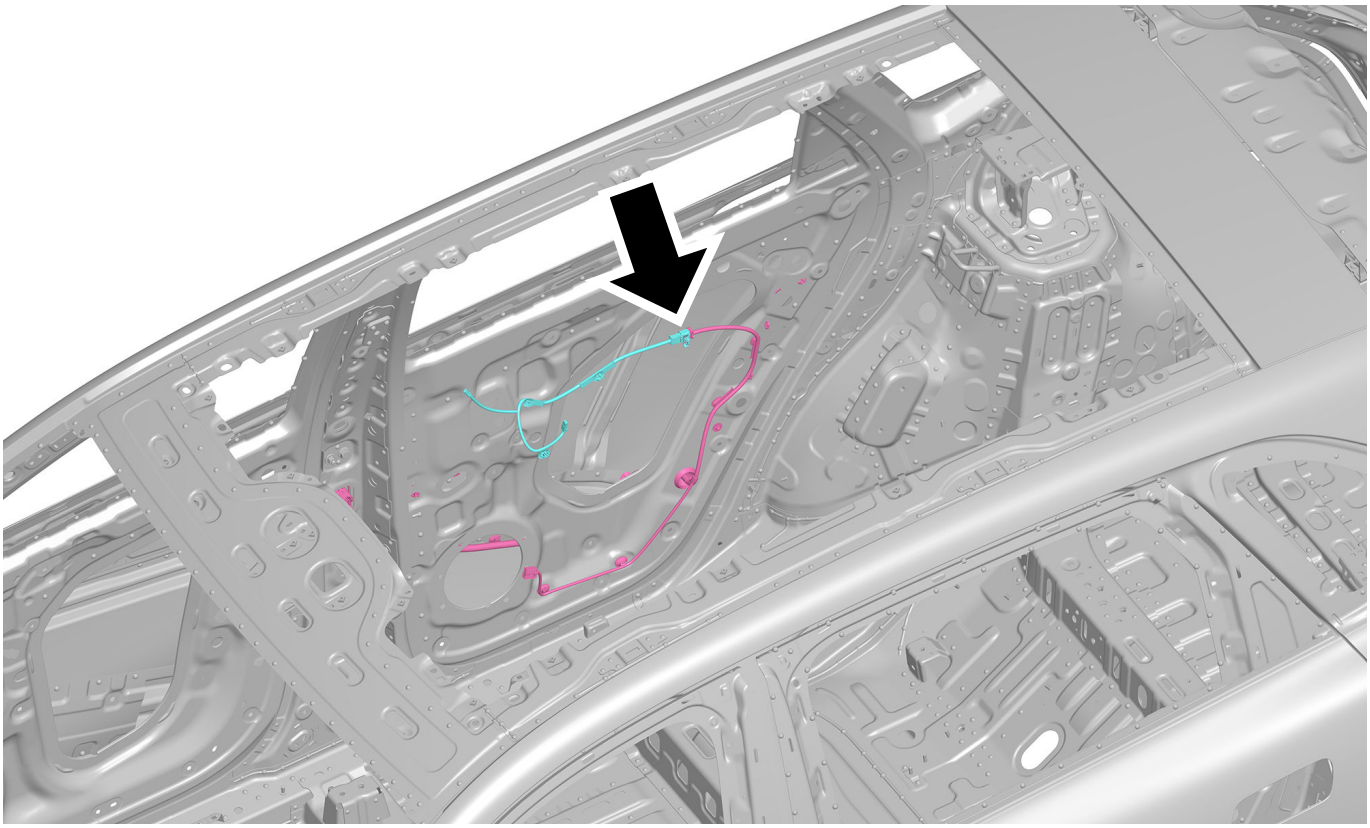
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8.2.20 EBX07&IPX07



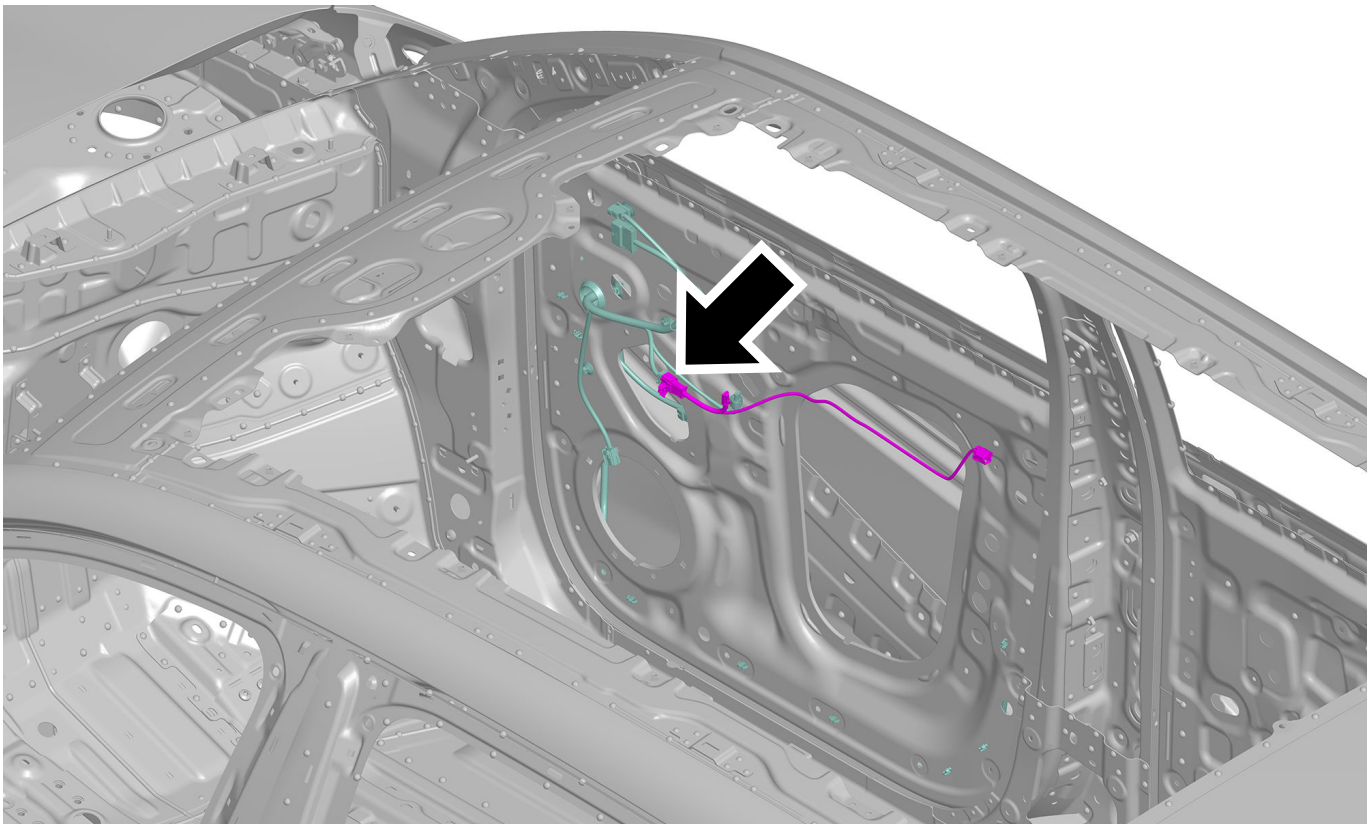
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8.2.21 RRX57&RRBX57



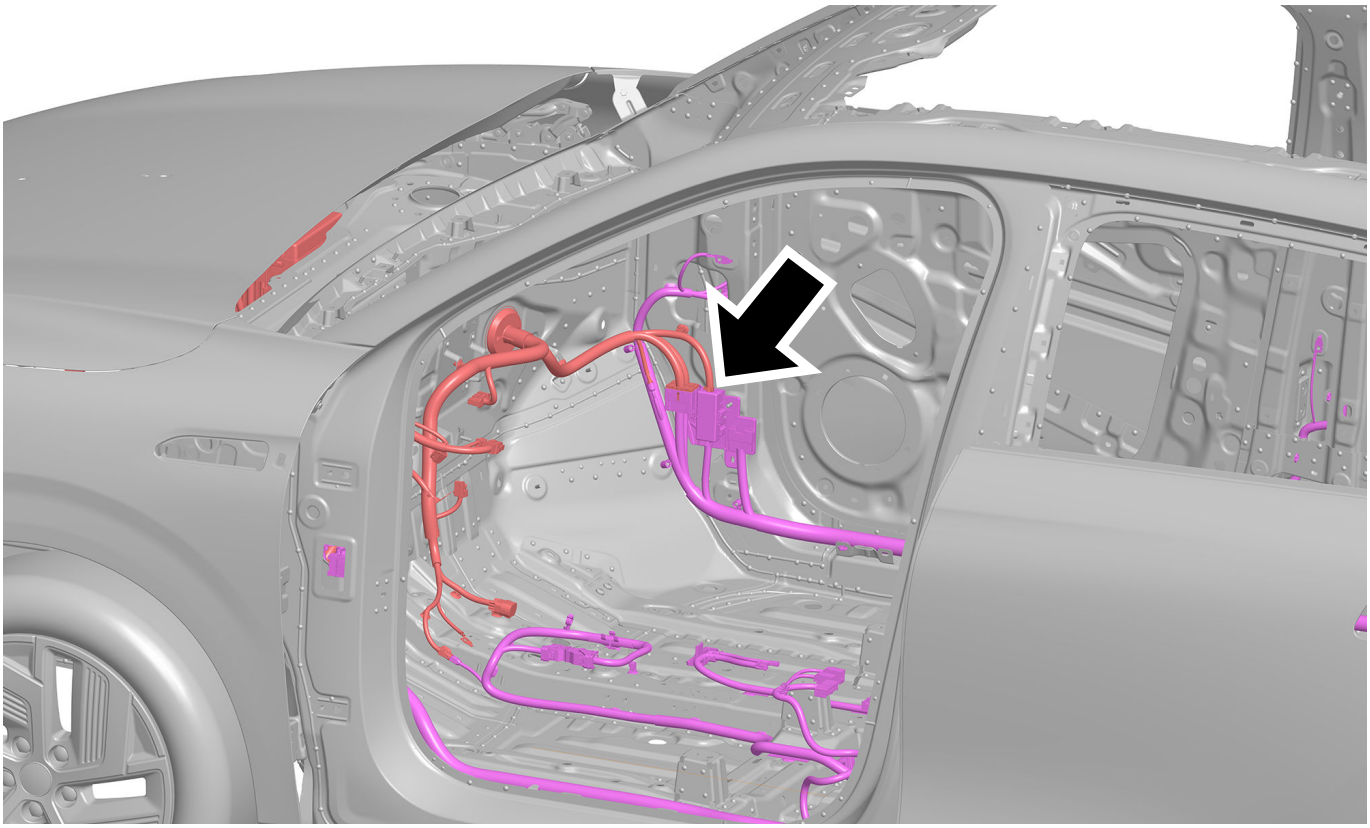
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8.2.22 FRX40&FRBX40



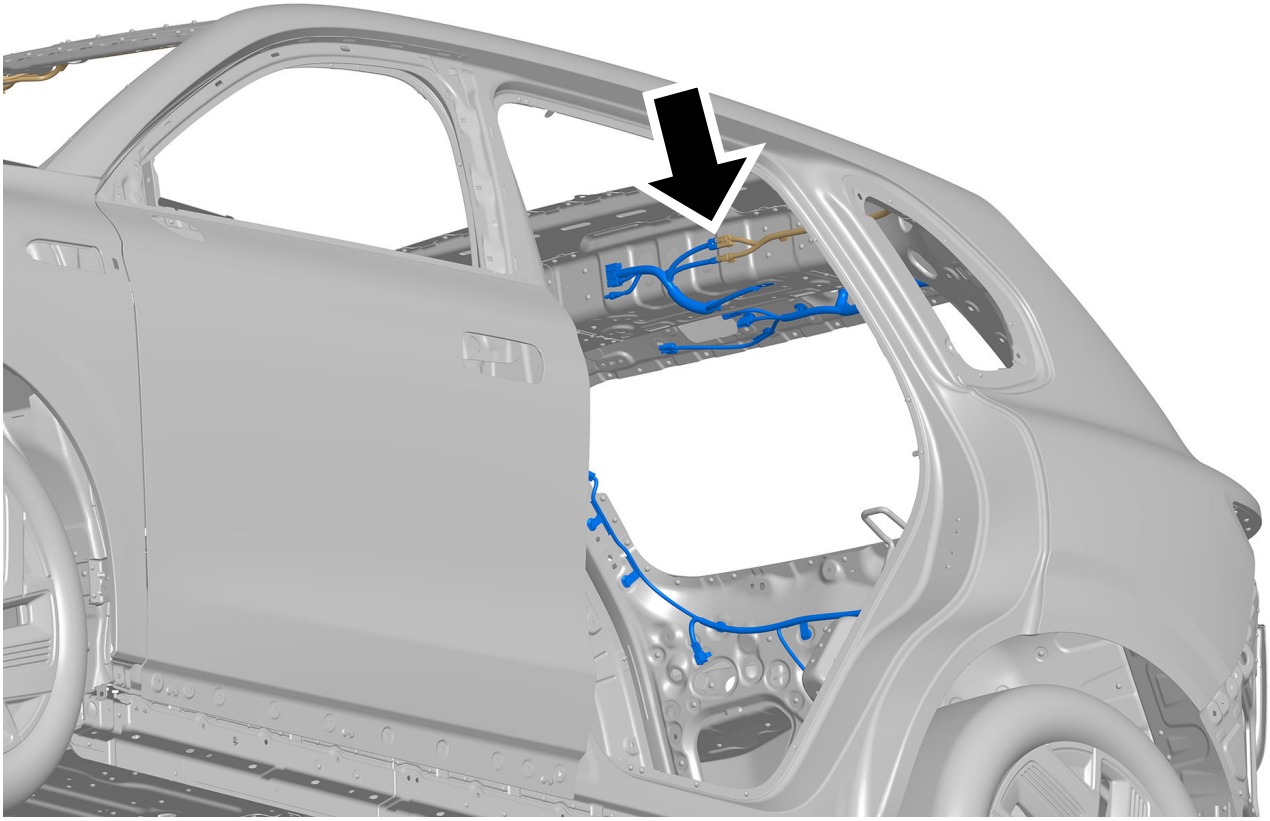
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8.2.23 EBX17&BDX17



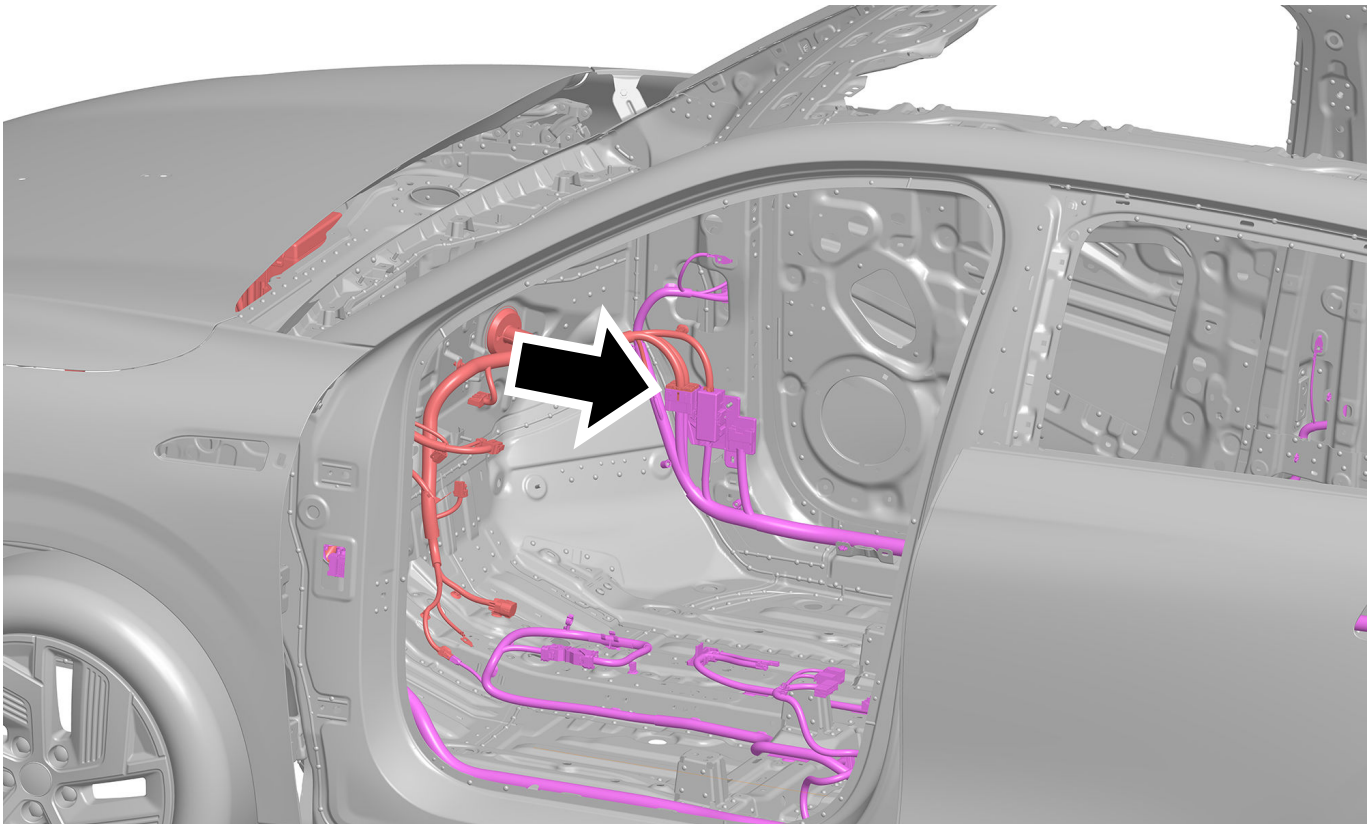
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8.2.24 IPX73&TGX73



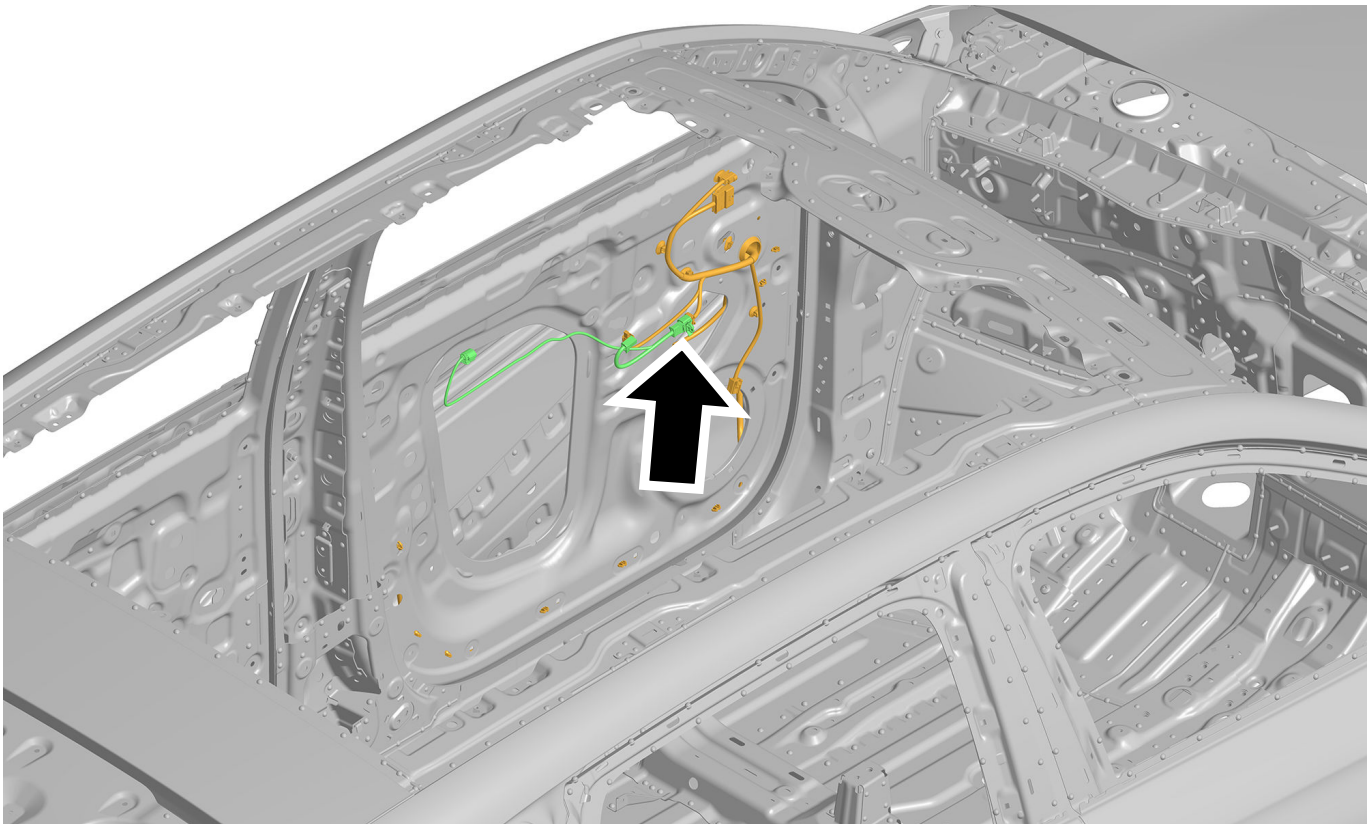
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8.2.25 EBX12&BDX12



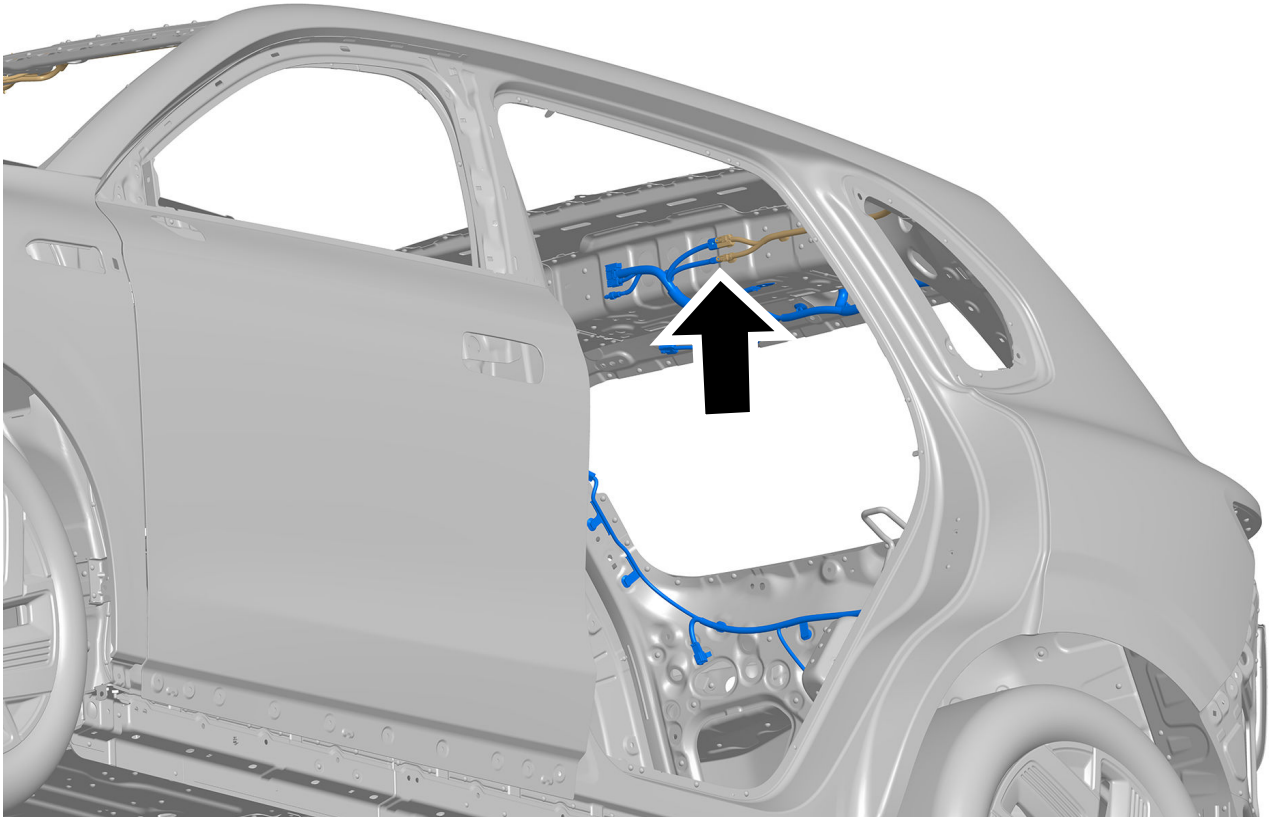
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8.2.26 FLX35&FLBX35



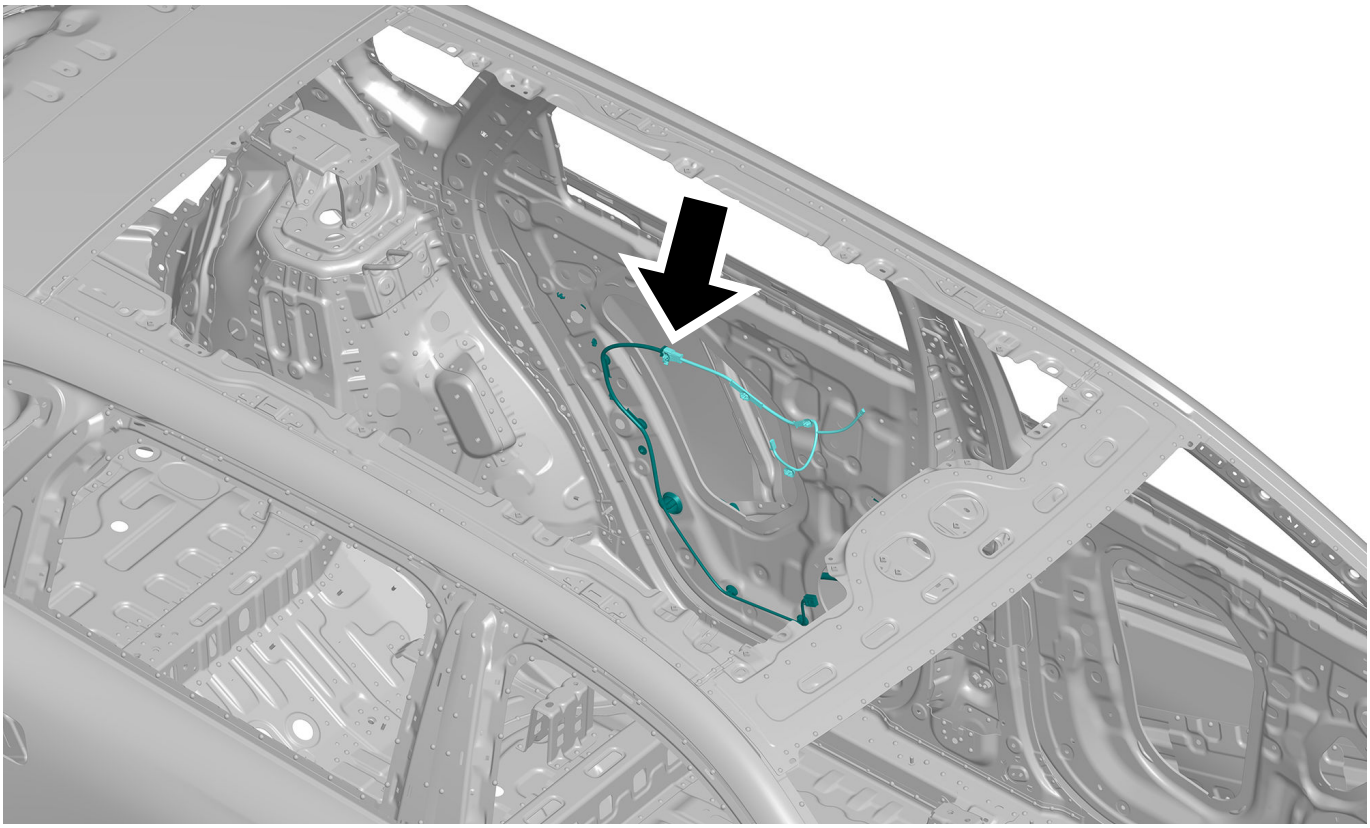
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8.2.27 IPX83&TGX83



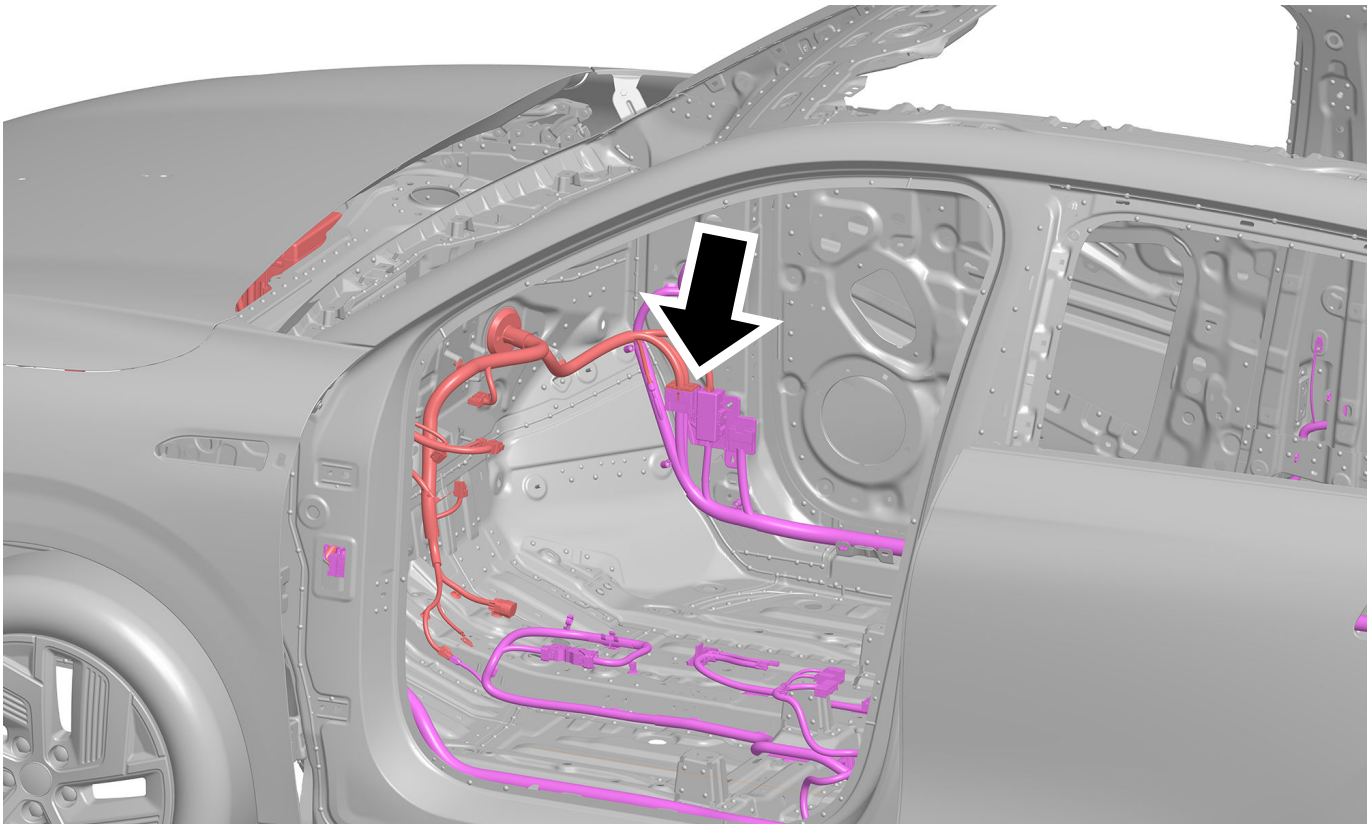
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8.2.28 RLX54&RLBX54



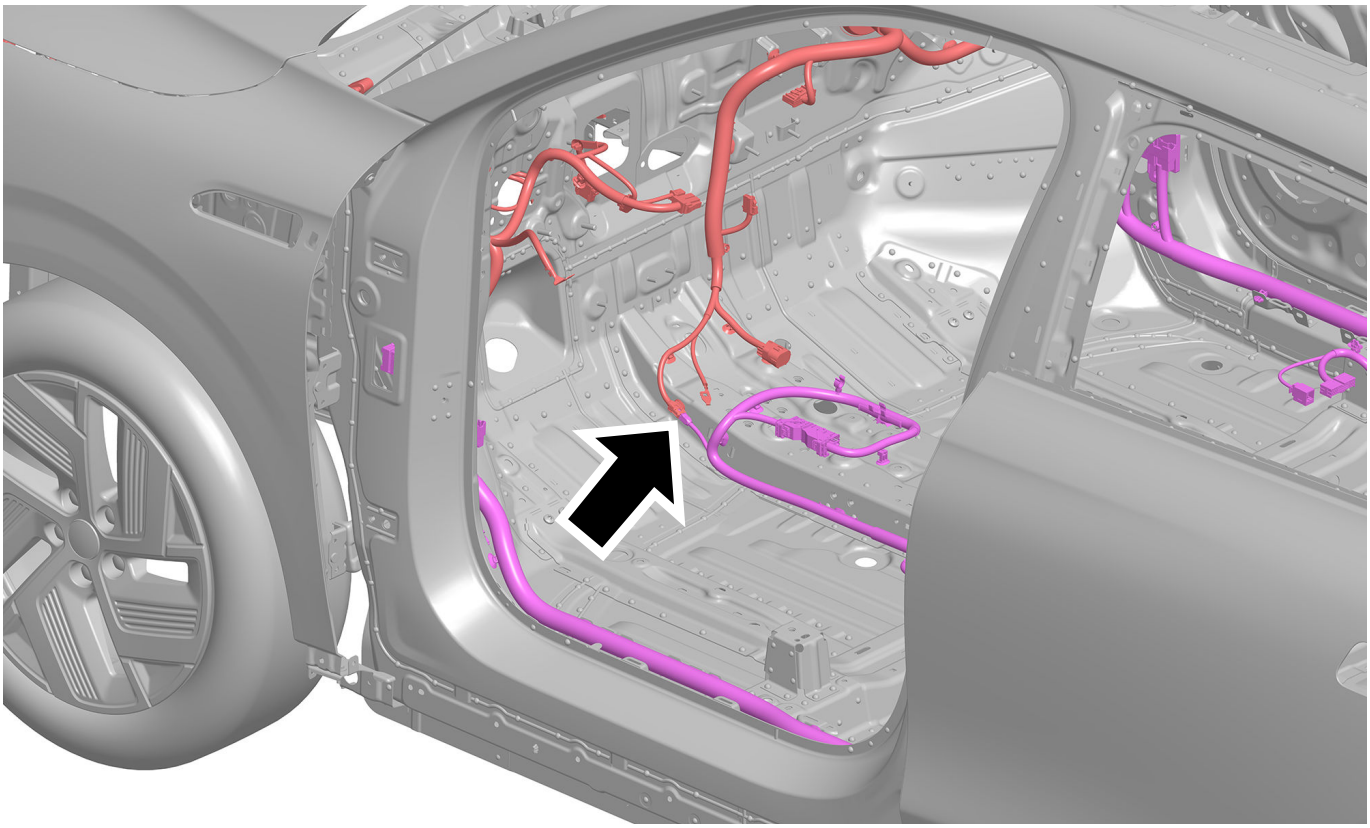
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8.2.29 EBX13&BDX13



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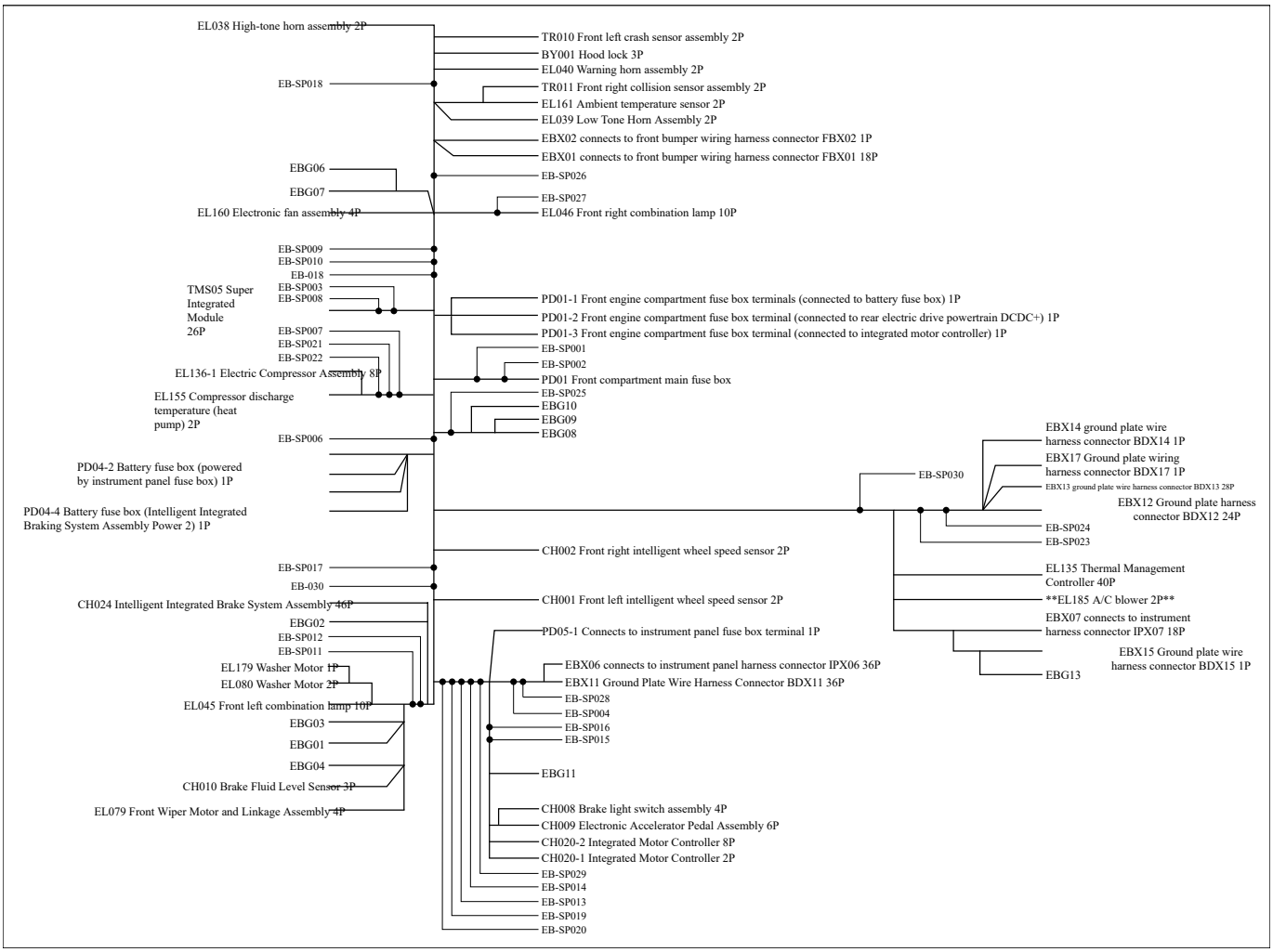
8.2.30 EBX15&BDX15



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9 9.WIRING HARNESS STRUCTURE

9.1 9.1 ENGINE COMPARTMENT WIRING HARNESS STRUCTURE DIAGRAM



9.1.1 ENGINE COMPARTMENT WIRING HARNESS SPLICE

Articulation point	Wire color	Connection	
EB-SP018	1.0L/W	EL038	2
	1.0L/W	EL039	
	1.0L/W	RELY11	87
EB-SP009	0.35L/Y	EBX07	16
	0.35L/Y	EB-SP012	
	0.5L/Y	EL046	8
EB-SP010	0.35R/Y	EBX07	15
	0.5R/Y	EL046	7

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Articulation point	Wire color	Connection	
	0.35R/Y	EB-SP011	
EB-SP003	0.5P	FF20	
	0.5P	TMS05	18
	0.5P	TMS05	15
	0.5P	EL136-1	4
EB-SP008	2.5B	EBG09	
	1.0B	TMS05	21
	1.0B	TMS05	26
	0.5B	TMS05	22
EB-SP007	0.5B	EBG10	
	0.5B	EL136-1	2
	0.5B	TMS05	20
EB-SP021	0.35L	EB-SP019	
	0.35L	EB-SP024	
	0.35L	EL136-1	1
EB-SP022	0.35R	EB-SP020	
	0.35R	EB-SP023	
	0.35R	EL136-1	5
EB-SP006	0.35B/W	EL135	40
	0.35B/W	TMS05	2
	0.35B/W	EL161	2
	0.35B/W	EL155	1
	0.35B/W	EBX07	13
EB-SP017	0.35W	EBX12	7
	0.5W	EL046	6
	0.5W	EL045	6

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Articulation point	Wire color	Connection	
EB-SP030	0.5R/L	FF18	
	0.35R/L	EBX07	9
	0.35R/L	EBX01	1
	0.5R/L	EL135	38
	0.35R/L	PD01	111
	0.35R/L	PD01	77
EB-SP012	0.35L/Y	EB-SP009	
	0.35L/Y	EBX06	35
	0.5L/Y	EL045	8
EB-SP011	0.35R/Y	EB-SP010	
	0.35R/Y	EBX06	34
	0.5R/Y	EL045	7
EB-SP027	1.5B	EBG06	
	1.0B	EL046	2
	0.5B/W	EL046	5
EB-SP001	2.0R/Y	SF05	
	2.0R/Y	EBX06	27
	2.0R/Y	FF32	
EB-SP002	0.75P	FF13	
	0.75P	EBX06	6
	0.75P	FF30	
EB-SP025	1.0B	EBG08	
	0.5B	RELY11	86
	1.0B	EL038	1
	1.0B	EL039	1
EB-SP028	0.5Y/R	EBX07	11

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Articulation point	Wire color	Connection	
	0.5Y/R	CH008	1
	0.5Y/R	EBX11	20
EB-SP004	0.35Y/W	FF19	
	0.35Y/W	CH008	3
	0.35Y/W	EBX06	12
EB-SP016	0.35L/B	EB-SP014	
	0.35L/B	CH020-2	6
	0.35L/B	EBX06	31
EB-SP015	0.35R/B	EB-SP013	
	0.35R/B	CH020-2	5
	0.35R/B	EBX06	30
EB-SP029	0.35B/Y	EBX07	12
	0.35B/Y	CH008	4
	0.35B/Y	EBX11	25
EB-SP014	0.35L/B	EBX11	24
	0.35L/B	CH024	40
	0.35L/B	EB-SP016	
EB-SP013	0.35R/B	EBX11	23
	0.35R/B	EB-SP015	
	0.35R/B	CH024	39
EB-SP019	0.35L	EBX06	33
	0.35L	EB-SP021	
	0.35L	CH024	34
EB-SP020	0.35R	EBX06	32
	0.35R	EB-SP022	
	0.35R	CH024	33

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Articulation point	Wire color	Connection	
EB-SP024	0.35L	EBX12	19
	0.35L	EL135	10
	0.35L	EB-SP021	
EB-SP023	0.35R	EBX12	18
	0.35R	EL135	9
	0.35R	EB-SP022	
EB-030	0.35R/Br	FF16	
	0.35R/Br	EBX11	17
	0.35R/Br	EBX01	12
EB-018	0.35O	EL135	11
	0.35O	EL160	3
	0.35O	TMS05	14
	0.35O	EBX01	2
EB-SP026	1.0B	EBG06	
	0.35B	EBX01	13
	0.35B	BY001	3

9.2.2 ENGINE COMPARTMENT WIRING HARNESS CONNECTORS

EBX02 connects to the front bumper wiring harness connector FBX02			
Terminal number	Wire Gauge and Color	Connection	
1	-	EBX15	1

EBX01 connects to front bumper harness connector FBX01			
Terminal number	Wire Gauge and Color	Connection	
1	0.35R/L	EB-SP030	-
2	0.35O	EB-018	-
3	-	-	-
4	-	-	-

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EBX01 connects to front bumper harness connector FBX01			
5	-	-	-
6	0.35 Y/B	EBX07	17
7	0.35 Y/L	EBX07	18
8	0.35 Y/B	EBX07	3
9	0.35 Y/L	EBX07	4
10	-	-	-
11	-	-	-
12	0.35 R/Br	EB-030	-
13	0.35 B	EB-SP026	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-

EBX06 connects to instrument panel harness connector IPX06			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	0.35Y	RELY11	85
5	–	–	–
6	0.75P	EB-SP002	
7	-	-	-
8	-	-	-
9	-	-	-
10	0.35R/Y	EL231-1	10

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EBX06 connects to instrument panel harness connector IPX06			
10	0.35R/Y	EL231	10
11	0.35L/Y	EL231-1	11
11	0.35L/Y	EL231	11
12	0.35Y/W	EB-SP004	
13	0.5G/W	EL079	3
14	0.35V	BY001	1
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	2.0R/Y	EB-SP001	
28	-	-	-
29	-	-	-
30	0.35R/B	EB-SP015	
31	0.35L/B	EB-SP016	
32	0.35R	EB-SP020	
33	0.35L	EB-SP019	
34	0.35R/Y	EB-SP011	

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EBX06 connects to instrument panel harness connector IPX06			
35	0.35L/Y	EB-SP012	
36	-	-	-

EBX11 Ground Plate Wiring Harness Connector BDX11			
Terminal number	Wire Gauge and Color	Connection	
1	0.75R/B	EL080	1
2	0.5B/V	CH009	4
3	0.5B/L	CH009	3
4	0.5B/Br	CH009	6
5	0.5B	CH009	5
6	1.5Gr	EL079	2
7	0.75G/W	EL080	2
8	-	-	-
9	0.35Lg/R	CH024	15
10	0.35W/G	CH024	16
11	-	-	-
12	-	-	-
13	-	-	-
14	0.5B/G	CH009	2
15	0.5B/Gr	CH009	1
16	-	-	-
17	0.35R/Br	EB-030	
18	2L	EL079	1
19	-	-	-
20	0.5Y/R	EB-SP028	
21	-	-	-
22	-	-	-

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EBX11 Ground Plate Wiring Harness Connector BDX11			
23	0.35R/B	EB-SP013	
24	0.35L/B	EB-SP013	
25	0.35B/Y	EB-SP029	
26	-	-	-
27	2.5R/L	CH024	2
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-
32	-	-	-
33	-	-	-
34	-	-	-
35	-	-	-
36	2.5R/G	CH024	3

EBX17 Ground plate wiring harness connector BDX17			
Terminal number	Wire Gauge and Color	Connection	
1	25.0R	SF06	-

EBX13 Ground Plate Wire Harness Connector BDX13			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	0.35Br/W	CH024	28
6	0.35O	CH024	29
7	-	-	-

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EBX13 Ground Plate Wire Harness Connector BDX13			
8	-	-	-
9	0.35Y	EL040	1
10	0.35L	EL040	2
11	-	-	-
12	-	-	-
13	2.5R/W	CH024	12
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	0.35W/Y	TR010	1
22	0.35W/G	TR010	2
23	0.35W/B	TR011	1
24	0.35W/Br	TR011	2
25	-	-	-
26	-	-	-
27	-	-	-
28	2.5R/Y	CH024	13

EBX12 Ground plate wiring harness connector BDX12			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	0.35G	RELY8	85
3	1.5W/R	FF21	

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EBX12 Ground plate wiring harness connector BDX12			
4	-	-	-
5	0.35R/W	FF32	
6	-	-	-
7	0.35W	EB-SP017	
8	-	-	-
9	-	-	-
10	0.5R/Y	FF09	-
11	0.5R/B	FF15	-
12	-	-	-
13	-	-	-
14	0.35W/G	RELY9	85
15	0.35Y/R	RELY10	85
16	-	-	-
17	-	-	-
18	0.35R	EB-SP023	
19	0.35L	EB-SP024	
20	-	-	-
21	-	-	-
22	0.35W/B	RELY14	85
23	-	-	-
24	1.5Br	RELY4	87

EBX15 Ground Plate Wire Harness Connector BDX15			
Terminal number	Wire Gauge and Color	Connection	
1	-	EBX02	1

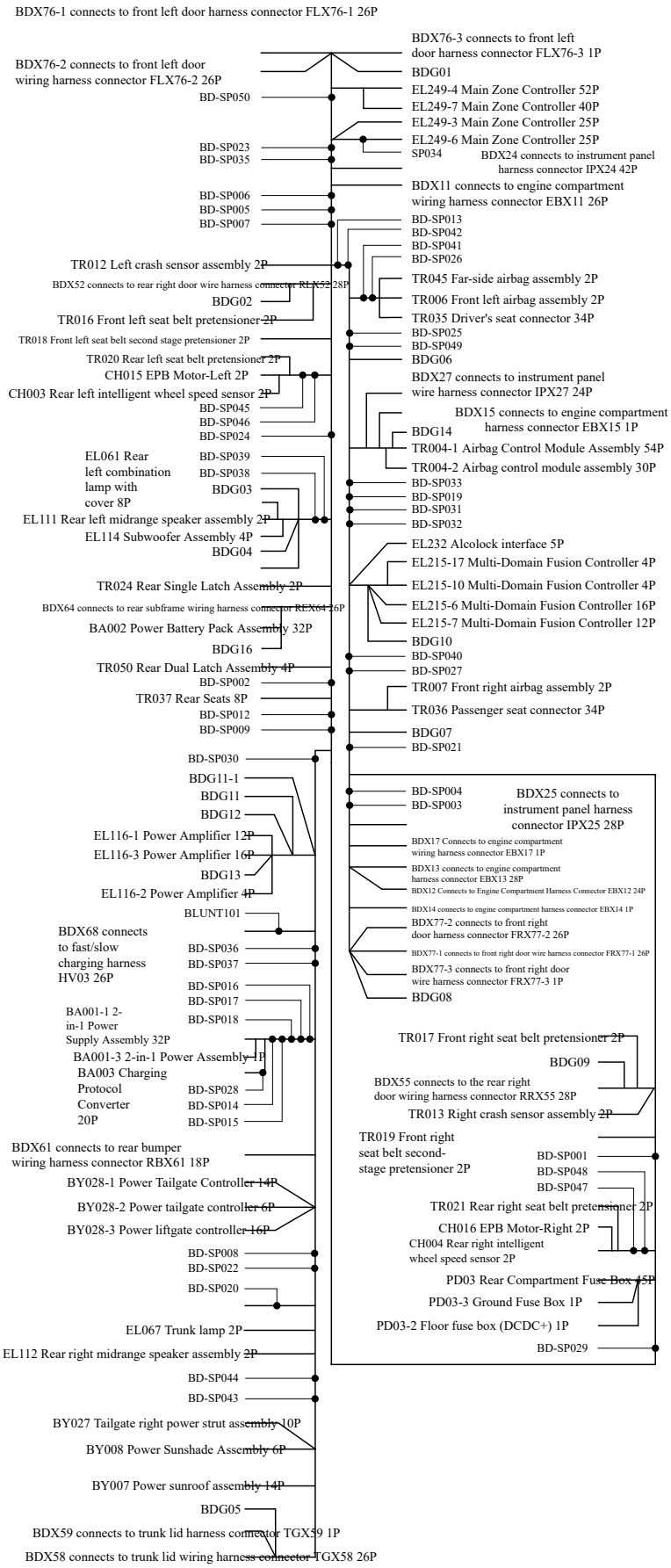
EBX07 connects to instrument panel harness connector IPX07		
Terminal number	Wire Gauge and Color	Connection

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EBX07 connects to instrument panel harness connector IPX07			
1	0.35B/L	EL136-1	7
2	0.35G/L	EL136-1	6
3	0.35Y/B	EBX01	8
4	0.35Y/L	EBX01	9
5	-	-	-
6	-	-	-
7	-	-	-
8	0.35W/Br	EL135	33
9	0.35R/L	EB-SP030	-
10	-	-	-
11	0.5Y/R	EB-SP028	-
12	0.35B/Y	EB-SP029	-
13	0.35B/W	EB-SP006	
14	-	-	-
15	0.35R/Y	EB-SP010	-
16	0.35L/Y	EB-SP009	-
17	0.35Y/B	EBX01	6
18	0.35Y/L	EBX01	7

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9.2 9.2 FLOOR WIRING HARNESS STRUCTURE DIAGRAM



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9.2.1 FLOOR WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
BD-SP050	0.35Y/G	BDX76-1	1
	0.35Y/G	EL249-7	20
	0.35Y/G	BDX24	20
BD-SP023	0.35V	BDX76-2	7
	0.35V	EL061	4
	0.75V	EL249-6	9
BD-SP035	0.35W/R	BDX76-2	9
	0.35W/R	BDX77-2	9
	0.35W/R	EL249-3	18
BD-SP006	0.5Gr	EL215-7	3
	0.5Gr	EL116-3	12
	0.5Gr	BDX24	18
	0.5Gr	BDX76-1	24
BD-SP005	0.5Gr/R	EL215-7	4
	0.5Gr/R	EL116-3	11
	0.5Gr/R	BDX24	5
	0.5Gr/R	BDX76-1	23
BD-SP007	0.35P	BDX52	7
	0.35P	BDX55	7
	0.35P	BDX77-2	13
	0.35P	BDX76-2	13
	0.5P	BDX24	3
BD-SP045	2.5R/L	CH015	1
	2.5R/L	BDX11	27
BD-SP046	2.5R/G	CH015	2

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Articulation point	Wire color	Connection	
	2.5R/G	BDX11	36
BD-SP024	0.35O	EL249-3	4
	0.35O	BDX58	5
	0.35O	EL061	3
BD-SP039	0.35R	BDX25	23
	0.35R	BD-SP037	
	0.35R	EL247	8
BD-SP038	0.35L	BDX25	24
	0.35L	BD-SP036	
	0.35L	EL247	3
BD-SP002	0.35R/Y	EL215-6	3
	0.35R/Y	BA003	5
	0.35R/Y	BDX64	12
	0.35R/Y	BA001-1	D3
	0.35R/Y	BA002	8
BD-SP012	0.35B/W	BDX68	9
	0.35B/W	BDX68	15
	0.35B/W	BDX68	4
	0.35B/W	BDX68	11
	0.35B/W	BD-SP042	
	0.35B/W	TR037	6
	0.35B/W	TR037	7
	0.35B/W	TR037	5
	0.35B/W	BDX55	9
BD-SP009	0.35O/B	BA003	7
	0.35O/B	BA002	1

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Articulation point	Wire color	Connection	
	0.35O/B	EL215-6	15
BD-SP030	0.5R/Br	DF04	
	0.5R/Br	BA001-1	H1
	0.5R/Br	BA003	1
BD-SP036	0.35L	BD-SP038	
	0.35L	BDX12	19
	0.35L	BY028-3	7
BD-SP037	0.35R	BD-SP039	
	0.35R	BDX12	23
	0.35R	BY028-3	15
BD-SP016	0.35L/G	BA003	2
	0.35L/G	BD-SP014	
	0.35L/G	BA002	11
BD-SP017	0.35R/G	BA003	12
	0.35R/G	BD-SP015	
	0.35R/G	BA002	12
BD-SP018	0.5B	BDG11	
	0.5B	BA001-1	G4
	0.5B	BDG11-1	
	0.3B	BDX68	22
BD-SP028	0.35B	BA003	20
	0.5B	BA003	11
	0.5B	BDG11-1	
	0.5B	BDG11	
BD-SP014	0.35L/G	BDX64	25
	0.35L/G	BA001-1	B4

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Articulation point	Wire color	Connection	
	0.35L/G	BD-SP016	
BD-SP015	0.35R/G	BDX64	24
	0.35R/G	BA001-1	A4
	0.35R/G	BD-SP017	
BD-SP008	0.35W/B	EL249-4	32
	0.35W/B	BY028-3	5
	0.35W/B	BDX58	14
BD-SP022	0.35Lg	EL249-3	7
	0.35Lg	BDX58	17
	0.35Lg	EL062	3
BD-SP020	0.35W	EL249-6	13
	0.35W	BDX58	25
	0.35W	EL067	2
BD-SP044	0.35B	BY027	8
	0.35B	BY028-1	11
	0.35B	BY008	4
BD-SP043	0.35R/L	BY027	1
	0.35R/L	BY028-1	8
	0.35R/L	BY008	6
BD-SP013	0.35Y/Br	TR004-1	16
	0.35Y/Br	BA002	30
	0.35Y/Br	BDX64	9
	0.35Y/Br	BDX27	22
BD-SP042	0.5B/W	EL249-4	41
	0.3B/W	BDX52	9
	0.3B/W	BDX76-1	10

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Articulation point	Wire color	Connection	
	0.3B/W	BDX77-1	15
	0.3B/W	BDX24	26
	0.3B/W	TR035	13
	0.3B/W	TR036	13
	0.3B/W	BD-SP012	
	0.3B/W	TR036	31
	0.3B/W	TR035	31
BD-SP041	0.35R/B	BDX24	11
	0.35R/B	TR035	20
	0.35R/B	TR036	20
BD-SP026	0.5B	BDG02	
	0.5B	EL232	4
	0.35B	TR035	25
	0.35B	TR035	21
BD-SP025	0.5R/G	TR036	19
	0.5R/G	EL249-3	6
	0.5R/G	TR035	19
BD-SP049	0.35Y/B	EL215-6	1
	0.35Y/B	BA002	16
	0.35Y/B	BDX27	5
BD-SP033	0.35W/G	BDX76-2	14
	0.35W/G	BDX77-2	14
	0.35W/G	EL249-6	6
BD-SP019	0.35W	EL215-6	2
	0.35W	EL247	2
	BDX12	BDX12	7

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Articulation point	Wire color	Connection	
	0.35W	BDX27	6
BD-SP031	1.5L/W	EL249-6	20
	0.75L/W	BDX52	4
	0.75L/W	BDX77-1	13
	0.75L/W	BDX55	4
BD-SP032	1.5Br	EL249-6	22
	0.75Br	BDX52	6
	0.75Br	BDX77-1	20
	0.75Br	BDX55	6
BD-SP040	0.35B/W	EL116-2	2
	0.35B/W	BDX25	21
	0.35B/W	EL215-10	10
BD-SP027	0.35R/W	EL232	3
	0.35R/W	EL232	1
	0.35R/W	BDX12	5
BD-SP021	0.75Br/W	EL249-6	8
	0.35Br/W	BDX77-2	7
	0.35Br/W	EL062	4
BD-SP004	0.5G/Y	EL215-7	9
	0.5G/Y	EL116-3	3
	0.5G/Y	BDX25	15
	0.5G/Y	BDX77-1	23
BD-SP003	0.5Y/R	EL116-3	10
	0.5Y/R	EL215-7	10
	0.5Y/R	BDX25	15
	0.5Y/R	BDX77-1	24

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Articulation point	Wire color	Connection	
BD-SP001	0.5B	BDG09	
	0.35B	TR050	4
	0.35B	TR024	2
	0.35B	TR050	2
	0.35B	TR036	21
BD-SP048	2.5R/Y	CH016	2
	2.5R/Y	BDX13	28
BD-SP047	2.5R/W	CH016	1
	2.5R/W	BDX13	13
BD-SP034	0.35R/Y	BDX76-2	15
	0.35R/Y	EL249-6	7
	0.35R/Y	BDX77-2	15
BD-SP029	0.35O	BA001-1	A2
	0.35O	BA002	17
	0.35O	EL215-6	14

9.2.2 FLOOR WIRING HARNESS CONNECTOR

BDX76-2 Connects to Left Front Door Harness Connector FLX76-2			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	0.35W	EL249-3	14
4	0.35L/B	EL249-3	12
5	-	-	-
6	0.75B	BDG01	
7	0.35V	BD-SP023	
8	0.35Y/B	EL249-6	12

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BDX76-2 Connects to Left Front Door Harness Connector FLX76-2			
9	0.35W/R	BD-SP035	
10	0.35G/L	EL249-3	11
11	-	-	-
12	-	-	-
13	0.35P	BD-SP007	
14	0.35W/G	BD-SP033	
15	0.35R/Y	BD-SP034	
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	0.35L/R	TR004-2	14
23	0.35Br	TR004-2	13
24	-	-	-
25	-	-	-
26	-	-	-

BDX76-1 connects to left front door wiring harness connector FLX76-1			
Terminal number	Wire Gauge and Color	Connection	
1	0.35Y/G	BD-SP050	
2	-	-	-
3	0.35G	EL249-7	11
4	0.35G/W	EL249-7	12
5	2.0G	EL249-6	24
6	-	-	-

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BDX76-1 connects to left front door wiring harness connector FLX76-1			
7	-	-	-
8	0.35R/W	EL249-4	21
9	0.35G/B	EL249-4	26
10	0.35B/W	BD-SP042	
11	-	-	-
12	2.0R/B	EL249-6	25
13	0.75L/W	EL249-6	1
14	0.35W/L	EL249-4	7
15	0.35Y/L	EL249-4	3
16			
17			
18	-	-	-
19	-	-	-
20	0.75Br/W	EL249-6	11
21	0.35Y/W	EL249-4	42
22	0.35O	EL249-4	4
23	0.5Gr/R	BD-SP005	
24	0.5Gr	BD-SP006	
25	-	-	-
26	-	-	-

BDX76-3 connects to left front door wiring harness connector FLX76-3			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL215-17	3

BDX24 connects to instrument wiring harness connector IPX24			
Terminal number	Wire Gauge and Color	Connection	
1	2.0R/G	EL215-7	1

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BDX24 connects to instrument wiring harness connector IPX24			
2	-	-	-
3	0.5P	BD-SP007	
4	-	-	-
5	0.5Gr/R	BD-SP005	
6	-	-	-
7	-	-	-
8	0.75G/L	EL249-6	18
9	-	-	-
10	-	-	-
11	0.35R/B	BD-SP041	
12	0.35V	EL249-7	1
13	0.35V/B	EL249-7	2
14	-	-	-
15	-	-	-
16	-	-	-
17	0.35O	BDX64	10
18	0.5Gr	BD-SP006	
19	-	-	-
20	0.35Y/G	BD-SP050	
21	-	-	-
22	-	-	-
23	0.35W/G	TR035	18
24	0.35G/B	TR035	26
25	-	-	-
26	0.35B/W	BD-SP042	
27	-	-	-

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BDX24 connects to instrument wiring harness connector IPX24			
28	-	-	-
29	-	-	-
30	0.35Y	EL249-6	14
31	0.35W/Y	TR036	18
32	0.35G/Br	TR036	26
33	0.35R/G	BDX64	1
34	0.35L/G	BDX64	2
35	0.35R/W	BDX61	13
36	0.35L/W	BDX61	18
37	-	-	-
38	-	-	-
39	-	-	-
40	0.35O/L	BDX77-2	8
41	-	-	-
42	-	-	-

BDX11 connects to engine compartment harness connector EBX11			
Terminal number	Wire Gauge and Color	Connection	
1	0.75R/B	EL249-6	2
2	0.5B/V	BDX64	16
3	0.5B/L	BDX64	15
4	0.5B/Br	BDX64	23
5	0.5B	BDX64	22
6	1.5Gr	EL249-6	10
7	0.75G/W	EL249-6	3
8	-	-	-
9	0.35Lg/R	CH003	2

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BDX11 connects to engine compartment harness connector EBX11			
10	0.35W/G	CH003	1
11	-	-	-
12	-	-	-
13	-	-	-
14	0.5B/G	BDX64	14
15	0.5B/Gr	BDX64	21
16	-	-	-
17	0.35R/Br	BDX61	16
18	2L	EL249-6	19
19	-	-	-
20	0.5Y/R		
21	-	-	-
22	-	-	-
23	0.35R/B	BDX64	7
24	0.35L/B	BDX64	8
25	0.35B/Y		
26	-	-	-
27	2.5R/L	BD-SP045	
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-
32	-	-	-
33	-	-	-
34	-	-	-
35	-	-	-

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BDX11 connects to engine compartment harness connector EBX11			
36	2.5R/G	BD-SP046	

BDX52 connects to right rear door wiring harness connector RLX52			
Terminal number	Wire Gauge and Color	Connection	
1	0.75B	BDG02	
2	-	-	-
3	-	-	-
4	0.75L/W	BD-SP031	
5	2.0R/Y	EL249-6	21
6	0.75Br	BD-SP032	
7	0.35P	BD-SP007	
8	0.35W/Y	EL249-4	2
9	0.35B/W	SP042	
10	0.35Gr/B	EL249-4	29
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	0.5Lg	EL116-3	1
15	0.5Lg	EL215-7	8
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-

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BDX52 connects to right rear door wiring harness connector RLX52			
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	0.5W/G	EL215-7	7
27	0.5W/G	EL116-3	2
28	2.0B/W	EL249-6	23

BDX27 connects to instrument harness connector IPX27			
Terminal number	Wire Gauge and Color	Connection	
1	0.35R/Y	TR004-1	23
2	0.35Gr/B	TR004-1	24
3	0.35Lg	EL232	2
4	0.35B/W	BDX61	6
5	0.35Y/B	BD-SP049	
6	0.35W	BD-SP019	-
7	-	-	-
8	-	-	-
9	0.35P	EL215-6	7
10	0.35B/Y	EL215-6	8
11	0.5L/R	EL215-7	4
12	0.5W/Y	EL215-7	3
13	0.35Br	BA002	23
14	-	-	-
15	-	-	-
16	-	-	-
17	0.5B	TR004-1	27

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BDX27 connects to instrument harness connector IPX27			
18	0.5Lg	TR004-1	28
19	0.35W/L	BDX61	4
20	0.35W/R	BDX61	9
21	-	-	-
22	0.35Y/Br	BD-SP013	
23	0.5R/Gr	TR004-1	54
24	0.35B/G	BDX61	7

BDX15 connects to engine compartment wiring harness connector EBX15			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL215-17	1

BDX64 connects to rear subframe wiring harness connector REX64			
Terminal numbe r	Wire Gauge and Color	Connection	
1	0.35R/G	BDX24	33
2	0.35L/G	BDX24	34
3	-	-	-
4	-	-	-
5	-	-	-
6	0.5Y/R	BDX11	20
7	0.35R/B	BDX11	23
8	0.35L/B	BDX11	24
9	0.35Y/Br	BD-SP013	
10	0.35O	BDX24	17
11	-	-	-
12	0.35R/Y	BD-SP002	
13	-	-	-

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BDX64 connects to rear subframe wiring harness connector REX64			
14	0.5B/G	BDX11	14
15	0.5B/L	BDX11	3
16	0.5B/V	BDX11	2
17	0.35R/B	TR004-1	18
18	0.35L/B	TR004-1	17
19	1.5W/R	BDX12	3
20	0.35B/Y	BDX11	25
21	0.5B/Gr	BDX11	15
22	0.5B	BDX11	5
23	0.5B/Br	BDX11	4
24	0.35R/G	BD-SP015	
25	0.35L/G	BD-SP014	
26	0.5R/W	DF07	

BDX61 connects to rear bumper harness connector RBX61			
Terminal number	Wire Gauge and Color	Connection	
1	0.35O/W	EL215-6	4
2	0.35V/W	EL215-6	5
3	0.35Gr	EL249-7	31
4	0.35W/L	BDX27	19
5	-	-	-
6	0.35B/W	BDX27	4
7	0.35B/G	BDX27	24
8	0.35Gr/B	EL249-7	32
9	0.35W/R	BDX27	20
10	0.5Gr	EL249-3	8
11	-	-	-

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BDX61 connects to rear bumper harness connector RBX61			
12	0.35R/B	TR004-1	11
13	0.35R/W	BDX64	35
14	1.0B	BDG11	
14	1.0B	BDG11-1	
15	0.35L/B	BDX25	12
16	0.35R/Br	BDX11	17
17	-	-	-
18	0.35L/W	BDX64	36

BDX25 connects to instrument panel harness connector IPX25			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	0.5G/Y	BD-SP004	
5	-	-	-
6	-	-	-
7	0.5Y/R	TR004-1	44
8	0.5L/R	TR004-1	43
9	-	-	-
10	-	-	-
11	0.35R/B	BDX61	15
12	0.35L/B	BDX61	15
13	-	-	-
14	-	-	-
15	0.5Y/R	BD-SP003	-
16	-	-	-

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BDX25 connects to instrument panel harness connector IPX25			
17	-	-	-
18	-	-	-
19	0.5Br	TR004-1	48
20	0.5O	TR004-1	47
21	0.35B/W	BD-SP040	
22	0.35Br/G	EL116-2	4
23	0.35R	BD-SP039	-
24	0.35L	BD-SP038	-
25	-	-	-
26	-	-	-
27	0.35G/L	BDX58	21
28	-	-	-

BDX17 connects to engine compartment harness connector EBX17			
Terminal number	Wire Gauge and Color	Connection	
1	25.0R	PD03-3	PIN67

BDX13 connects to the engine compartment wiring harness connector EBX13			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	0.35Br/W	CH004	2
6	0.35O	CH004	1
7	-	-	-
8	-	-	-
9	0.35Y	EL215-7	5

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BDX13 connects to the engine compartment wiring harness connector EBX13			
10	0.35L	EL215-7	6
11	-	-	-
12	-	-	-
13	2.5R/W	BD-SP047	
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	0.35W/Y	TR004-1	3
22	0.35W/G	TR004-1	4
23	0.35W/B	TR004-1	1
24	0.35W/Br	TR004-1	2
25	-	-	-
26	-	-	-
27	-	-	-
28	2.5R/Y	BD-SP048	

BDX12 connects to engine compartment harness connector EBX12			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	0.35G	EL215-6	9
3	1.5W/R	BDX64	19
4	-	-	-
5	0.35R/W	BD-SP027	

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BDX12 connects to engine compartment harness connector EBX12			
6	-	-	-
7	0.35W	BD-SP019	
8	-	-	-
9	-	-	-
10	0.5R/Y	BA002	10
11	0.5R/B	BA002	18
12	-	-	-
13	-	-	-
14	0.35W/G	EL215-6	10
15	0.35Y/R	EL215-6	13
16	-	-	-
17	-	-	-
18	0.35R	BD-SP037	
19	0.35L	BD-SP036	
20	-	-	-
21	-	-	-
22	0.35W/B	EL215-6	11
23	-	-	-
24	1.0Br/R	BDX58	1

BDX77-2 connects to the right front door wiring harness connector FRX77-2			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	0.35Y/L	EL249-3	13
4	0.35V	EL249-3	15
5	-	-	-

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BDX77-2 connects to the right front door wiring harness connector FRX77-2			
6	0.75B	BDG08	
7	0.35Br/W	BD-SP021	
8	0.35O/L	BDX24	40
9	0.35W/R	BD-SP035	
10	0.35Gr/L	EL249-3	16
11	-	-	-
12	-	-	-
13	0.35P	BD-SP007	
14	0.35W/G	BD-SP033	
15	0.35R/Y	BD-SP034	
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	0.35W/L	TR004-2	4
23	0.35R/L	TR004-2	3
24	-	-	-
25	-	-	-
26	-	-	-

BDX77-1 connects to right front door harness connector FRX77-1			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-

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BDX77-1 connects to right front door harness connector FRX77-1			
4	-	-	-
5	2.0R/Y	EL249-3	20
6	-	-	-
7	0.35L/W	EL249-7	24
8	0.35L/B	EL249-7	25
9	-	-	-
10	-	-	-
11	-	-	-
12	2.0B/W	EL249-3	21
13	0.75L/W	BD-SP031	
14	0.35R/B	EL249-4	16
15	0.35B/W	BD-SP042	
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	0.75Br	BD-SP032	
21	-	-	-
22	0.35O/W	EL249-4	47
23	0.5G/Y	BD-SP004	
24	0.5Y/R	BD-SP003	
25	-	-	-
26	-	-	-

BDX77-3 connects to right front door harness connector FRX77-3			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL215-17	4

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BDX68 connects to high-voltage wiring harness connector HV03			
Terminal number	Wire Gauge and Color	Connection	
1	0.35Y	BA001-1	B3
2	0.35W/Y	BA003	10
3	0.35P	EL249-4	11
4	0.35B/W	BD-SP012	
5	-	-	-
6	-	-	-
7	-	-	-
8	0.35Y/V	EL249-4	23
9	0.35B/W	BD-SP012	
10	0.35G/O	EL249-4	19
11	0.35B/W	BD-SP012	
12	-	-	-
13	-	-	-
14	0.35V/G	EL249-4	12
15	0.35B/W	BD-SP012	
16	0.5W/B	EL249-6	5
17	0.5G/B	EL249-6	4
18	-	-	-
19	-	-	-
20	-	-	-
21	0.35L/W	EL249-4	43
22	0.35B	BD-SP018	
23	-	-	-
24	-	-	-
25	-	-	-

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BDX68 connects to high-voltage wiring harness connector HV03			
26	-	-	-

BDX55 connects to right rear door wiring harness connector RRX55			
Terminal number	Wire Gauge and Color	Connection	
1	0.5B	BDG09	
2	-	-	-
3	-	-	-
4	0.75L/W	BD-SP031	
5	2.0R/L	EL249-3	22
6	0.75Br	BD-SP032	
7	0.35P	BD-SP007	
8	0.35L	EL249-4	5
9	0.35B/W	BD-SP012	
10	0.35Gr	EL249-4	33
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	0.5O	EL215-7	12
15	0.5O	EL116-3	8
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-

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BDX55 connects to right rear door wiring harness connector RRX55			
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	0.5O/B	EL215-7	11
27	0.5O/B	EL116-3	9
28	2.0B/L	EL249-3	23

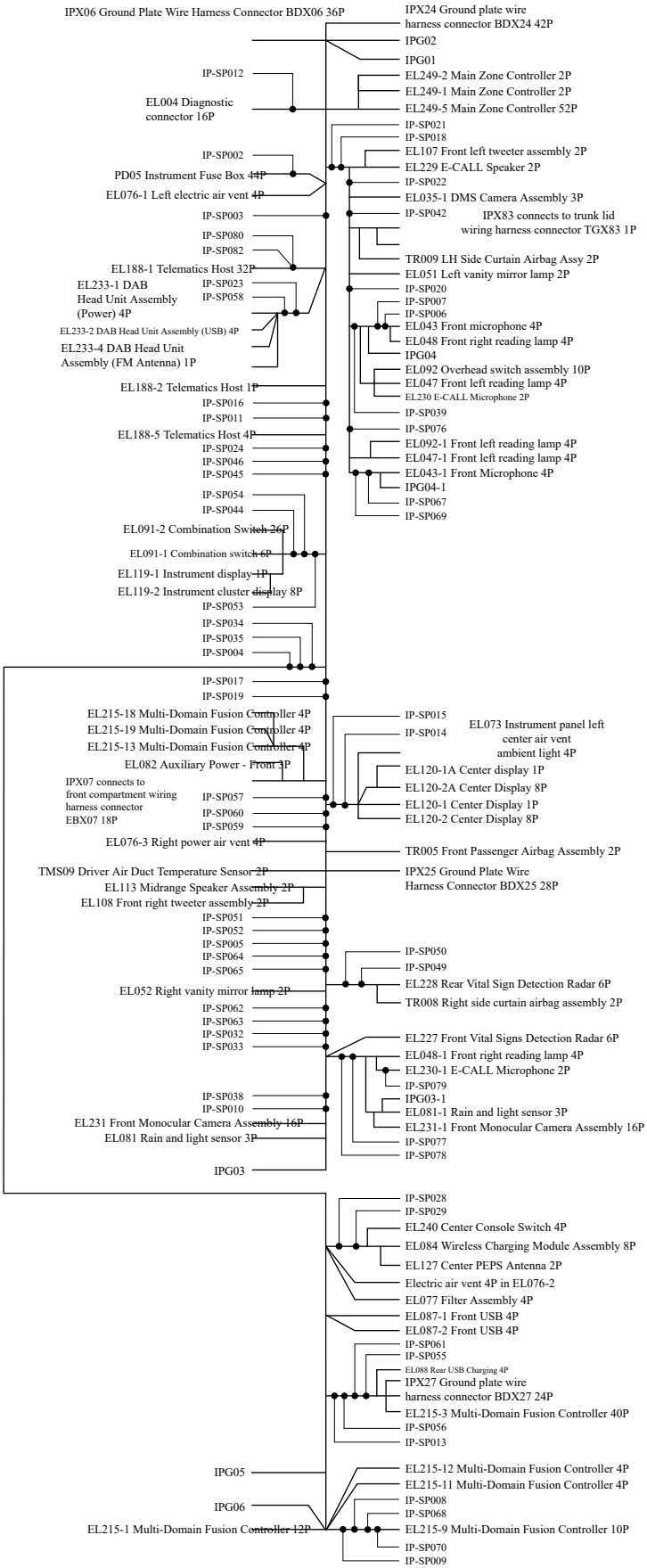
BDX58 connects to the liftgate wiring harness connector TGX58			
Terminal number	Wire Gauge and Color	Connection	
1	1.5Br	BDX12	24
2	-	-	-
3	0.35B/W	BY028-3	3
4	0.35R/W	EL249-3	9
5	0.35O	BD-SP024	-
6	0.5B	BDG05	
7	0.35W/R	BY028-3	6
8	0.35W/G	BY028-3	14
9	0.35G/B	BY028-3	1
10	0.75G/W	BY028-2	2
10	0.75G/W	EL249-3	17
11	0.75R	EL249-3	19
12	0.35L/B	BY028-3	16
13	-	-	-
14	0.35W/B	BD-SP008	
15	0.5O/B	EL249-3	5
16	0.5R/L	EL249-6	15

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BDX58 connects to the liftgate wiring harness connector TGX58			
17	0.35Lg	BD-SP022	-
18	-	-	-
19	-	-	-
20	0.35B/G	EL249-4	30
21	0.35G/L	BDX25	27
22	-	-	-
23	0.35Y/P	EL249-6	16
24	-	-	-
25	0.35W	BD-SP020	
26	-	EL215-17	2

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9.3 9.3 INSTRUMENT WIRING HARNESS STRUCTURE DIAGRAM



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9.3.1 INSTRUMENT PANEL WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
IP-SP012	1.5B	IPG01	
	0.75B	EL004	5
	0.75B	EL004	4
	0.75B	EL091-2	12
IP-SP002	0.5R/G	EL188-1	31
	0.5R/G	EL188-1	32
	0.5R/G	RF14	
IP-SP003	2.0R/G	EL215-1	4
	2.0R/G	IPX24	1
	2.0R/G	SB07	
IP-SP080	0.35B	EL188-1	5
	0.35Y	E-Call Microphone 1 Shiel ded Wire	
IP-SP082	0.35B	EL188-1	5
	0.35Y	E-CALL microphone shiel ded wire	
IP-SP023	0.5B	IPG06	
	0.5B	EL188-1	15
	0.5B	EL188-1	16
	0.35B	EL233-1	1
IP-SP058	0.35O/B	RF19	
	0.35O/B	EL119-2	1
	0.35O/B	EL233-1	4
IP-SP016	0.35Y/B	IPX27	5
	0.35Y/B	EL188-1	30
	0.35Y/B	EL249-5	3

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Articulation point	Wire color	Connection	
IP-SP011	0.75B	IPG01	
	0.35B	EL077	2
	0.35B	EL091-2	17
	0.35B	EL091-2	18
	0.35B	EL091-2	7
IP-SP024	0.35Y/Br	IPX27	22
	0.35Y/Br	EL249-5	24
	0.35Y/Br	EL188-1	11
	0.35Y/Br	EL215-4	26
IP-SP046	0.35R	EL091-2	8
	0.35R	EL249-5	14
	0.35R	IPX06	32
IP-SP045	0.35L	EL249-5	15
	0.35L	EL091-2	9
	0.35L	IPX06	33
IP-SP044	0.35Y	EL091-2	3
	0.35Y	EL091-2	13
	0.35Y	IPX24	30
IP-SP054	0.35R	EL215-4	4
	0.35R	IP-SP052	
	0.35R	EL091-2	14
IP-SP053	0.35L	EL215-4	3
	0.35L	EL091-2	15
	0.35L	IP-SP051	
IP-SP034	0.35R/B	IP-SP032	
	0.35R/B	EL215-3	14

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Articulation point	Wire color	Connection	
	0.35R/B	EL119-2	5
IP-SP035	0.35L/B	SP033	
	0.35L/B	EL215-3	13
	0.35L/B	EL119-2	6
IP-SP004	0.5R/B	RF05	
	0.5R/B	EL088	1
	0.5R/B	EL084	1
	0.3R/B	IPX24	11
IP-SP017	0.35G/R	EL215-4	21
	0.35G/R	EL240	3
	0.35G/R	EL073	2
	0.35G/R	EL073	3
IP-SP019	0.35O/B	EL081	3
	0.35O/B	EL081-1	3
	0.35O/B	EL249-5	2
IP-SP057	0.35R/L	RF06	
	0.35R/L	EL231	1
	0.35R/L	EL215-3	11
	0.35R/L	EL231-1	1
IP-SP060	0.35B/W	EL077	3
	0.35B/W	EL076-3	1
	0.35B/W	EL076-2	1
	0.35B/W	EL076-1	1
IP-SP059	0.35G/W	EL077	4
	0.35G/W	EL076-3	4
	0.35G/W	EL076-2	4

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Articulation point	Wire color	Connection	
	0.35G/W	EL076-1	4
IP-SP051	0.35L	IP-SP053	
	0.35L	EL227	3
	0.35L	IP-SP049	
IP-SP052	0.35R	IP-SP054	
	0.35R	IP-SP050	
	0.35R	EL227	2
IP-SP005	0.35R/Br	RF18	
	0.35R/Br	EL227	6
	0.35R/Br	EL231	14
	0.35R/Br	EL231-1	14
	0.35R/Br	EL228	6
IP-SP064	0.35R/B	IPX24	35
	0.35R/B	IPX25	11
	0.35R/B	EL231	16
	0.35R/B	EL231-1	16
IP-SP065	0.35L/B	IPX24	36
	0.35L/B	IPX25	12
	0.35L/B	EL231	15
	0.35L/B	EL231-1	15
IP-SP062	0.35Y/B	IPX07	17
	0.35Y/B	IPX07	3
	0.35Y/B	EL231	4
	0.35Y/B	EL231-1	4
IP-SP063	0.35Y/L	IPX07	18
	0.35Y/L	IPX07	4

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Articulation point	Wire color	Connection	
	0.35Y/L	EL231	12
	0.35Y/L	EL231-1	12
IP-SP032	0.35R/B	IPX06	30
	0.35R/B	EL231	2
	0.35R/B	EL231-1	2
	0.35R/B	SP034	
IP-SP033	0.35L/B	IPX06	31
	0.35L/B	EL231	3
	0.35L/B	IP-SP035	
	0.35L/B	EL231-1	3
IP-SP038	0.35B	EL228	1
	0.35B	EL231	5
	0.35B	EL227	1
	0.35B	EL227	4
	0.5B	IPG03	
IP-SP010	0.5B	IPG03	
	0.35B	EL052	2
	0.35B	EL081	2
IP-SP021	0.35Y/W	EL249-5	41
	0.35Y/W	EL052	1
	0.35Y/W	EL051	1
IP-SP018	0.5P	IPX24	3
	0.5P	EL249-5	46
	0.35P	EL092-1	6
	0.35P	EL092-1	16
	0.35P	EL092	2

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Articulation point	Wire color	Connection	
	0.35P	EL087-1	2
	0.35P	EL092-1	2
	0.35P	EL092	6
IP-SP022	0.35B/L	EL249-5	36
	0.35B/L	EL091-2	10
	0.35B/L	EL048-1	4
	0.35B/L	EL047-1	4
	0.35B/L	EL047	4
	0.35B/L	EL048	4
IP-SP042	0.35B/Y	EL092	9
	0.35B/Y	EL092-1	9
	0.35B/Y	EL188-1	24
	0.35B/Y	EL188-1	28
IP-SP020	0.35G/R	EL249-5	44
	0.35G/R	EL047	1
	0.35G/R	EL048-1	1
IP-SP007	0.35B	EL043	2
	0.35W/Y	Front microphone shielded wire	
IP-SP006	0.35B	EL043	4
	0.35Y	Front microphone shielded wire	
IP-SP076	0.5B	IPG04-1	
	0.35B	EL051	2
	0.35B	EL092-1	4
IP-SP067	0.35B	EL043-1	4
	0.35Y	Front microphone 1 shielded wire	

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Articulation point	Wire color	Connection	
IP-SP069	0.35B	EL043-1	2
	0.35W/Y	Front microphone 1 shiel ded wire	
IP-SP015	0.35Gr	EL120-2A	2
	0.35Gr	EL120-2A	3
	0.35Gr	EL120-2	2
	0.35Gr	EL120-2	3
	0.35Gr	EL215-1	6
IP-SP014	0.35V	EL120-2A	1
	0.35V	EL120-2A	5
	0.35V	EL120-2	1
	0.35V	EL120-2	5
	0.35V	EL215-1	5
IP-SP050	0.35R	IP-SP052	
	0.35R	EL228	2
	0.35R	IPX25	23
IP-SP049	0.35L	IP-SP051	
	0.35L	EL228	3
	0.35L	IPX25	24
IP-SP079	0.35B	EL230-1	2
	0.35Y	E-Call Microphone 1 Shiel ded Wire	
IP-SP077	0.5B	IPG03-1	
	0.35B	EL081-1	2
	0.35B	EL052	2
IP-SP078	0.5B	IPG03-1	
	0.35B	EL228	1

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Articulation point	Wire color	Connection	
	0.35B	EL231-1	5
	0.35B	EL227	1
	0.35B	EL227	4
IP-SP028	0.35R/W	EL215-3	16
	0.35R/W	EL084	5
	0.35R/W	EL188-1	1
IP-SP029	0.35L/W	EL215-3	15
	0.35L/W	EL084	6
	0.35L/W	EL188-1	2
IP-SP061	0.35P	EL215-4	23
	0.35P	EL076-1	2
	0.35P	EL076-2	2
	0.35P	EL076-3	2
IP-SP055	0.35P	IPX27	9
	0.35P	EL240	1
	0.35P	EL073	4
IP-SP056	0.35B/Y	IPX27	10
	0.35B/Y	EL240	2
	0.35B/Y	EL073	1
IP-SP013	0.5B	EL087-1	1
	0.5B	EL088	4
	0.75B	IPG06	
	0.5B	EL084	4
IP-SP008	0.35B	EL215-9	4
	0.35W/Y	Front microphone shielded wire	
IP-SP068	0.35B	EL215-9	4

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Articulation point	Wire color	Connection	
	0.35Y	Front microphone 1 shiel ded wire	
IP-SP070	0.35B	EL215-9	2
	0.35W/Y	Front microphone 1 shiel ded wire	
IP-SP009	0.35B	EL215-9	2
	0.35W/Y	Front microphone shielde d wire	
IP-SP039	0.5B	IPG04	
	0.35B	EL051	2
	0.35B	EL092	4

9.3.2 INSTRUMENT PANEL WIRING HARNESS MATING CONNECTOR

IPX24 Ground Plate Wire Harness Connector BDX24			
Terminal number	Wire Gauge and Color	Connection	
1	2.0R/G	IP-SP003	
2	-	-	-
3	0.5P	IP-SP018	
4	-	-	-
5	0.5Gr/R	EL107	1
6	-	-	-
7	-	-	-
8	0.75G/L	EL091-2	1
9	-	-	-
10	-	-	-
11	0.35R/B	IP-SP004	-
12	0.5V	EL127	2
13	0.35V/B	EL127	1

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IPX24 Ground Plate Wire Harness Connector BDX24			
14	-	-	-
15	-	-	-
16	-	-	-
17	0.35O	EL091-2	20
18	0.5Gr	EL107	2
19	-	-	-
20	0.35Y/G	EL188-1	13
21	-	-	-
22	-	-	-
23	0.35W/G	EL249-5	27
24	0.35G/B	EL249-5	29
25	-	-	-
26	0.35B/W	EL091-2	4
27	-	-	-
28	-	-	-
29	-	-	-
30	0.35Y	IP-SP044	
31	0.35W/Y	EL249-5	28
32	0.35G/Br	EL249-5	40
33	0.35R/G	EL215-3	18
34	0.35L/G	EL215-3	17
35	0.35R/B	IP-SP064	-
36	0.35L/B	IP-SP065	-
37	-	-	-
38	-	-	-
39	-	-	-

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IPX24 Ground Plate Wire Harness Connector BDX24			
40	0.35O/L	EL249-5	43
41	-	-	-
42	-	-	-

IPX06 Engine Compartment Harness Connector EBX06			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	0.35Y	EL249-5	49
5	-	-	-
6	0.75P	RF01	
7	-	-	-
8	-	-	-
9	-	-	-
10	0.35R/Y	EL231-1	10
10	0.35R/Y	EL231	10
11	0.35L/Y	EL231-1	11
11	0.35L/Y	EL231	11
12	0.35Y/W	EL215-3	10
13	0.35G/W	EL249-5	21
14	0.35V	EL249-5	8
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-

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IPX06 Engine Compartment Harness Connector EBX06			
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	2.0R/Y	RF05	
28	-	-	-
29	-	-	-
30	0.35R/B	IP-SP032	
31	0.35L/B	IP-SP033	
32	0.35R	IP-SP046	
33	0.35L	IP-SP045	
34	0.35R/Y	EL249-5	17
35	0.35L/Y	EL249-5	16
36	-	-	-

IPX73 connects to the liftgate wiring harness connector TGX73			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL233-3	1
1	-	EL233-4	21

IPX83 connects to the liftgate wiring harness connector TGX83			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL188-2	1

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IPX07 Connect to Engine Compartment Wiring Harness Connector EBX07			
Terminal number	Wire Gauge and Color	Connection	
1	0.35B/L	EL215-3	33
2	0.35G/L	EL215-3	34
3	0.35Y/B	IP-SP062	-
4	0.35Y/L	IP-SP063	-
5	-	-	-
6	-	-	-
7	-	-	-
8	0.35W/Br	TMS09	2
9	0.35R/L	EL077	1
10	-	-	-
11	0.5Y/R	EL215-3	29
12	0.35B/Y	EL215-4	1
13	0.35B/W	TMS09	1
14	-	-	-
15	0.35R/Y	EL215-3	20
16	0.35L/Y	EL215-3	19
17	0.35Y/B	IP-SP062	-
18	0.35Y/L	IP-SP063	-

IPX25 Ground Plate Wire Harness Connector BDX25			
Terminal number	Wire Gauge and Color	Connection	
1	-	-	-
2	-	-	-
3	-	-	-
4	0.5G/Y	EL108	1
5	-	-	-

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IPX25 Ground Plate Wire Harness Connector BDX25			
6	-	-	-
7	0.5Y/R	TR005	1
8	0.5L/R	TR005	2
9	-	-	-
10	-	-	-
11	0.35R/B	IP-SP064	-
12	0.35L/B	IP-SP065	-
13	-	-	-
14	-	-	-
15	0.5Y/R	EL108	2
16	-	-	-
17	-	-	-
18	-	-	-
19	0.5Br	TR008	1
20	0.5O	TR008	2
21	0.35B/W	EL215-9	5
22	0.35Br/G	EL215-9	6
23	0.35R	IP-SP050	-
24	0.35	IP-SP049	-
25	-	-	-
26	-	-	-
27	0.3G/L	EL249-5	9
28	-	-	-

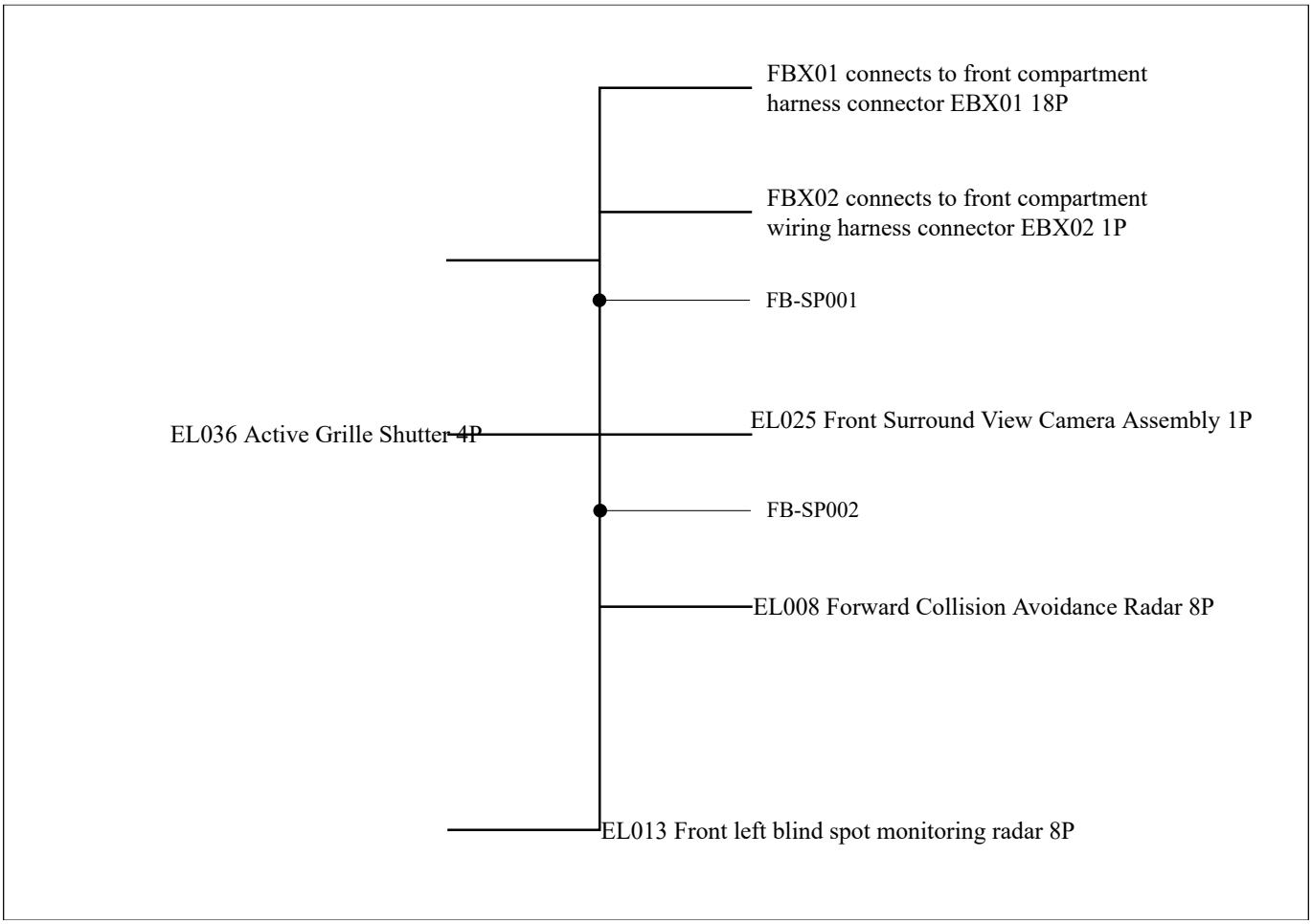
IPX27 Ground Plate Wire Harness Connector BDX27			
Terminal number	Wire Gauge and Color	Connection	
1	0.35R/Y	EL091-1	1

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IPX27 Ground Plate Wire Harness Connector BDX27			
2	0.35Gr/B	EL091-1	2
3	0.35Lg	EL215-3	35
4	0.35B/W	EL215-3	3
5	0.35Y/B	IP-SP016	
6	0.35W	EL119-2	8
7	-	-	-
8	-	-	-
9	0.35P	IP-SP055	-
10	0.35B/Y	IP-SP056	-
11	0.5L/R	EL113	1
12	0.5W/Y	EL113	2
13	0.35Br	EL215-3	5
14	-	-	-
15	-	-	-
16	-	-	-
17	0.5B	TR009	1
18	0.5Lg	TR009	2
19	0.35W/L	EL215-3	1
20	0.35W/R	EL215-3	2
21	-	-	-
22	0.35Y/Br	IP-SP2003	
23	0.5R/Gr	RF01	
24	0.35B/G	EL215-3	27

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9.4 9.4 FRONT BUMPER WIRING HARNESS STRUCTURE DIAGRAM



9.4.1 FRONT BUMPER WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
FB-SP001	0.35B	FBX01	13
	0.35B	EL008	1
	0.35B	EL013	5
	0.35B	EL013	1
	0.35B	EL014	5
	0.35B	EL014	1
	0.35B	EL014	2
	0.35B	EL036	4
FB-SP002	0.35R/Br	EL008	8
	0.35R/Br	EL013	8

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Articulation point	Wire color	Connection	
	0.35R/Br	EL014	8
	0.35R/Br	FBX01	12

9.4.2 FRONT BUMPER WIRING HARNESS MATING CONNECTOR

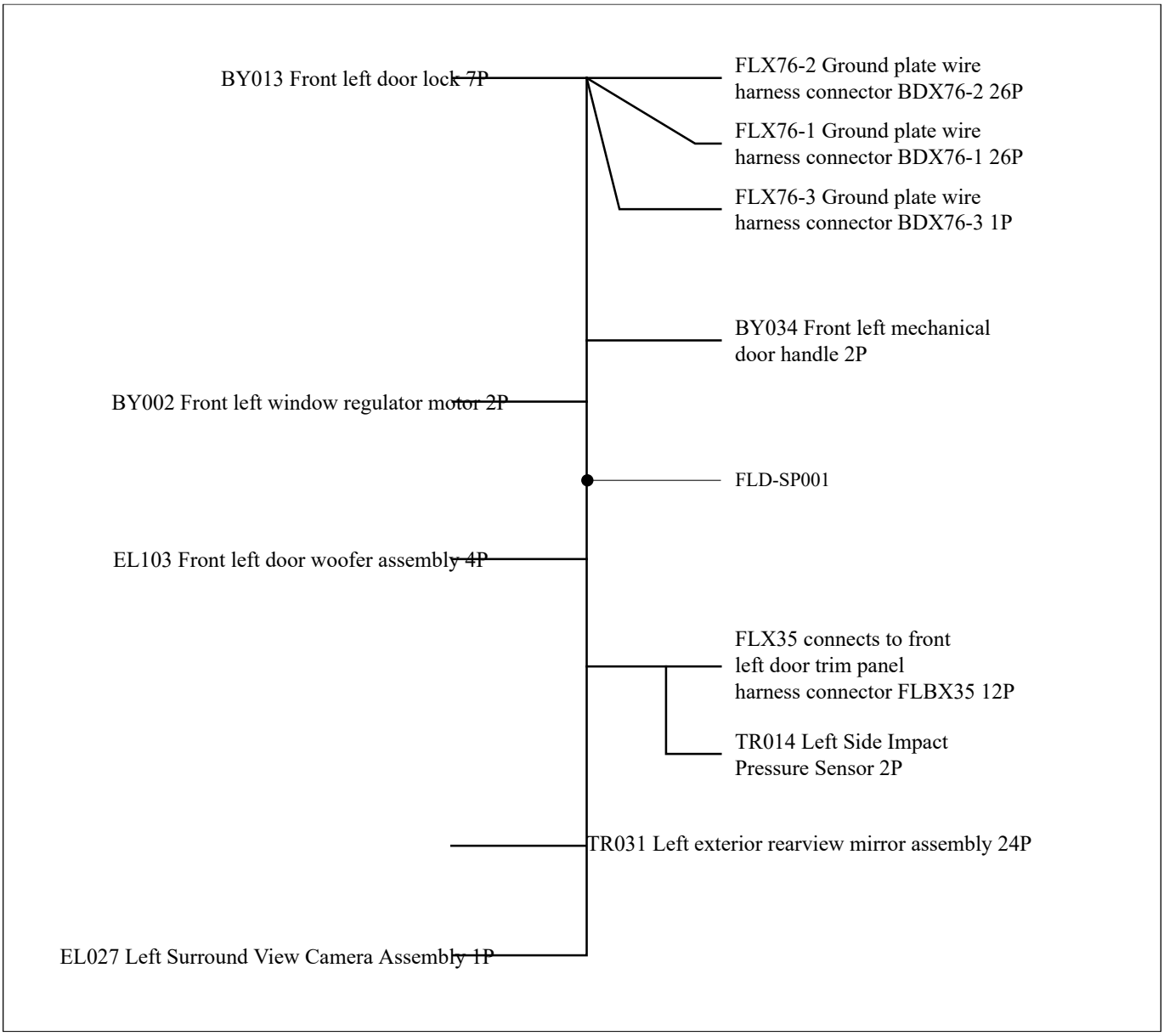
FBX01 connects to the engine compartment wiring harness connector EBX01.			
Terminal number	Wire Gauge and Color	Connection	
1	0.35R/L	EL036	1
2	0.35O	EL036	3
3	-	-	-
4	-	-	-
5	-	-	-
6	0.35Y/B	EL013	7
7	0.35Y/L	EL013	6
8	0.35Y/B	EL014	7
9	0.35Y/L	EL014	6
10	-	-	-
11	-	-	-
12	0.35R/Br	FB-SP002	-
13	0.35B	FB-SP001	-
14	-	-	-
15	-	-	-
16	-	-	-
17	0.35R/Y	EL008	5
18	0.35L/Y	EL008	6

FBX02 connects to engine compartment harness connector EBX02			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL025	1

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9.5 9.5 LEFT FRONT DOOR WIRING HARNESS STRUCTURAL DIAGRAM



9.5.1 FRONT LEFT DOOR WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
FLD-SP001	0.75B	FLX76-2	A6
	0.35B	BY034	2
	0.35B	TR031	16
	0.35B	TR031	4
	0.35B	TR031	17
	0.35B	BY013	3

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Articulation point	Wire color	Connection	
	0.35B	FLX35	6

9.5.2 FRONT LEFT DOOR WIRING HARNESS CONNECTOR

FLX76-2 Ground Plate Wire Harness Connector BDX76-2			
Terminal number	Wire Gauge and Color	Connection	
A1	-	-	-
A2	-	-	-
A3	0.35W	TR031	2
A4	0.35L/B	TR031	3
A5	-	-	-
A6	0.75B	FLD-SP001	
A7	0.35V	TR031	5
A8	0.35Y/B	TR031	15
A9	0.35W/R	TR031	6
A10	0.35G/L	TR031	1
A11	-	-	-
A12	-	-	-
A13	0.35P	FLX35	1
A14	0.35W/G	TR031	7
A15	0.35R/Y	TR031	8
A16	-	-	-
A17	-	-	-
A18	-	-	-
A19	-	-	-
A20	-	-	-
A21	-	-	-
A22	0.35L/R	TR014	1

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FLX76-2 Ground Plate Wire Harness Connector BDX76-2			
A23	0.35Br	TR014	2
A24	-	-	-
A25	-	-	-
A26	-	-	-

FLX76-1 Ground Plate Wire Harness Connector BDX76-1			
Terminal number	Wire Gauge and Color	Connection	
B1	0.5Y/G	BY034	1
B2	-	-	-
B3	0.35G	TR031	10
B4	0.35G/W	TR031	11
B5	2.0G	BY002	2
B6	-	-	-
B7	-	-	-
B8	0.35R/W	FLX35	2
B9	0.35G/B	FLX35	3
B10	0.35B/W	FLX35	8
B11	-	-	-
B12	2.0R/B	BY002	1
B13	0.75L/W	BY013	5
B14	0.35W/L	FLX35	4
B15	0.35Y/L	FLX35	5
B16	-	-	-
B17	-	-	-
B18	-	-	-
B19	-	-	-
B20	0.75Br/W	BY013	7

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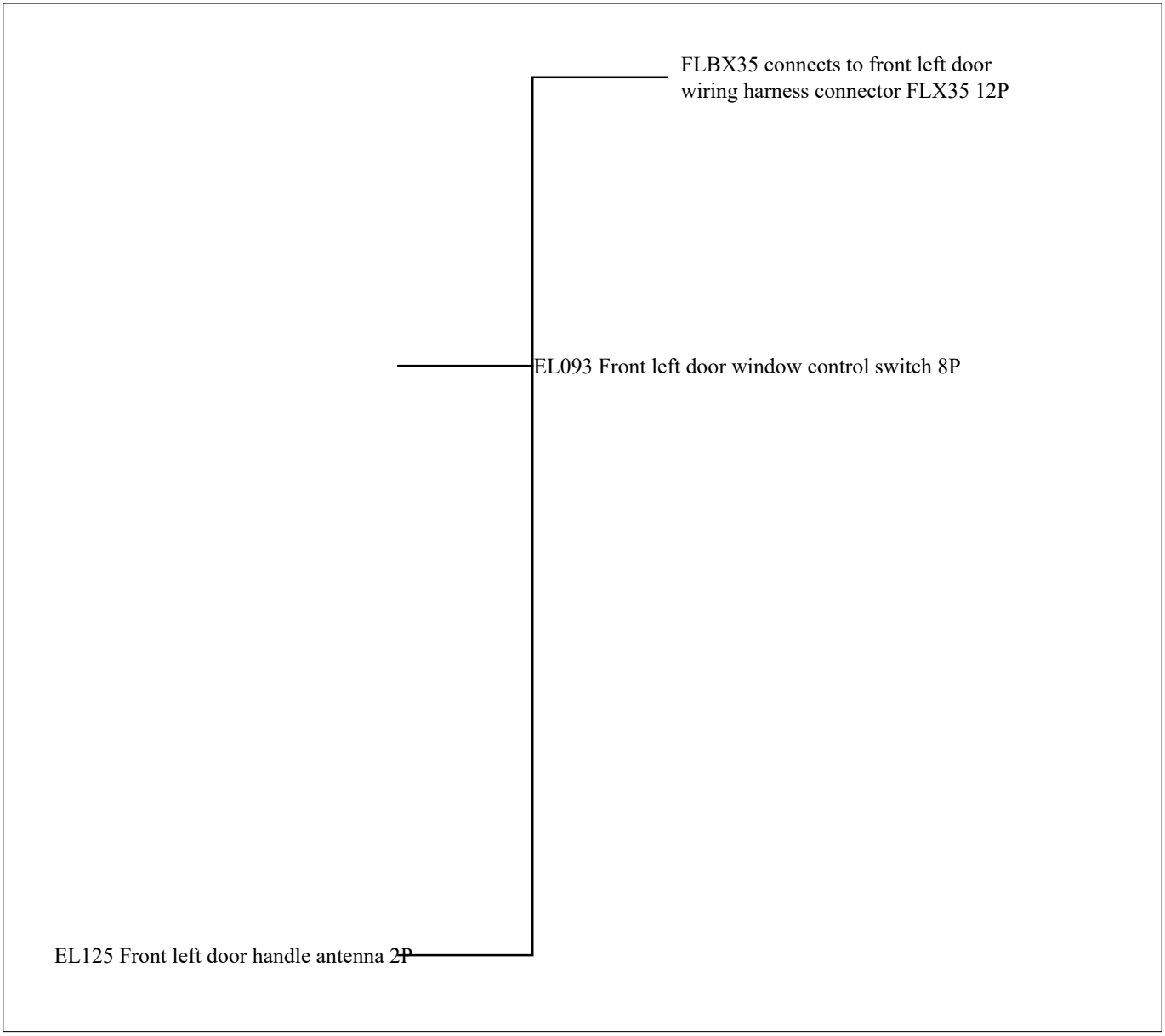
FLX76-1 Ground Plate Wire Harness Connector BDX76-1			
B21	0.35Y/W	BY013	2
B22	0.35O	BY013	1
B23	0.5Gr/R	EL103	1
B24	0.5Gr	EL103	3
B25	-	-	-
B26	-	-	-

FLX76-3 Ground Plate Wiring Harness Connector BDX76-3			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL027	1

FLX35 connects to left front door trim panel harness connector FLBX35			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	FLX76-2	A13
2	0.35R/W	FLX76-1	B8
3	0.35G/B	FLX76-1	B9
4	0.35W/L	FLX76-1	B14
5	0.35Y/L	FLX76-1	B15
6	0.35B	FLD-SP001	
7	-	-	-
8	0.35B/W	FLX76-1	B10
9	-	-	-
10	0.35G	FLX76-1	B3
11	0.35G/W	FLX76-1	B4
12	-	-	-

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9.6 9.6 FRONT LEFT DOOR TRIM PANEL WIRING HARNESS STRUCTURAL DIAGRAM



9.6.1 LEFT FRONT DOOR TRIM PANEL WIRING HARNESS CONNECTOR

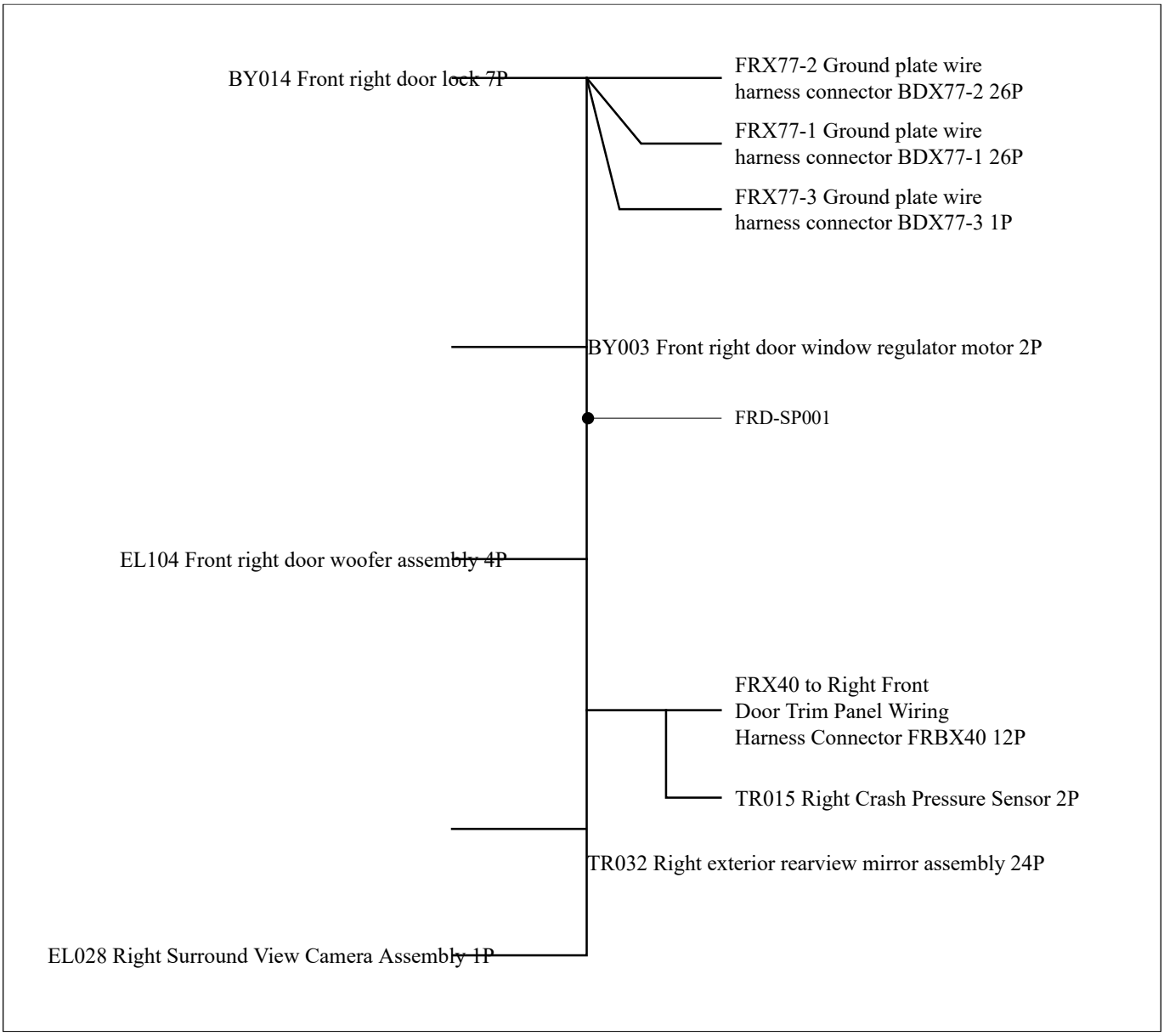
FLBX35 connects to the front left door wiring harness connector FLX35			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	EL093	1
2	0.35R/W	EL093	2
3	0.35G/B	EL093	6
4	0.35W/L	EL093	3

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FLBX35 connects to the front left door wiring harness connector FLX35			
5	0.35Y/L	EL093	5
6	0.35B	EL093	7
7	-	-	-
8	0.35B/W	EL093	4
9	-	-	-
10	0.35G	EL125	2
11	0.35G/W	EL125	1
12	-	-	-

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9.7 9.7 FRONT RIGHT DOOR WIRING HARNESS STRUCTURE DIAGRAM



9.7.1 RIGHT FRONT DOOR WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
FRD-SP001	0.35B	TR032	16
	0.35B	TR032	17
	0.35B	TR032	4
	0.35B	BY014	5
	0.35B	FRX40	6
	0.75B	FRX77-2	A6

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9.7.2 FRONT RIGHT DOOR WIRING HARNESS MATING CONNECTOR

FRX77-2 Ground Plate Wiring Harness Connector BDX77-2			
Terminal number	Wire Gauge and Color	Connection	
A1	-	-	-
A2	-	-	-
A3	0.35Y/L	TR032	2
A4	0.35V	TR032	1
A5	-	-	-
A6	0.75B	FRD-SP001	
A7	0.35Br/W	TR032	5
A8	0.35O/L	TR032	15
A9	0.35W/R	TR032	6
A10	0.35Gr/L	TR032	3
A11	-	-	-
A12	-	-	-
A13	0.35P	FRX40	1
A14	0.35W/G	TR032	7
A15	0.35L/R	TR032	8
A16	-	-	-
A17	-	-	-
A18	-	-	-
A19	-	-	-
A20	-	-	-
A21	-	-	-
A22	0.35W/L	TR015	1
A23	0.35R/L	TR015	2
A24	-	-	-

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FRX77-2 Ground Plate Wiring Harness Connector BDX77-2			
A25	-	-	-
A26	-	-	-

FRX77-1 Ground Plate Wiring Harness Connector BDX77-1			
Terminal number	Wire Gauge and Color	Connection	
B1	-	-	-
B2	-	-	-
B3	-	-	-
B4	-	-	-
B5	2.0R/Y	BY003	2
B6	-	-	-
B7	0.35L	FRX40	10
B8	0.35L/B	FRX40	11
B9	-	-	-
B10	-	-	-
B11	-	-	-
B12	2.0B/W	BY003	1
B13	0.75L/W	BY014	
B14	0.35R/B	FRX40	2
B15	0.35B/W	FRX40	8
B16	-	-	-
B17	-	-	-
B18	-	-	-
B19	-	-	-
B20	0.75Br	BY014	1
B21	-	-	-
B22	0.35O/W	BY014	7

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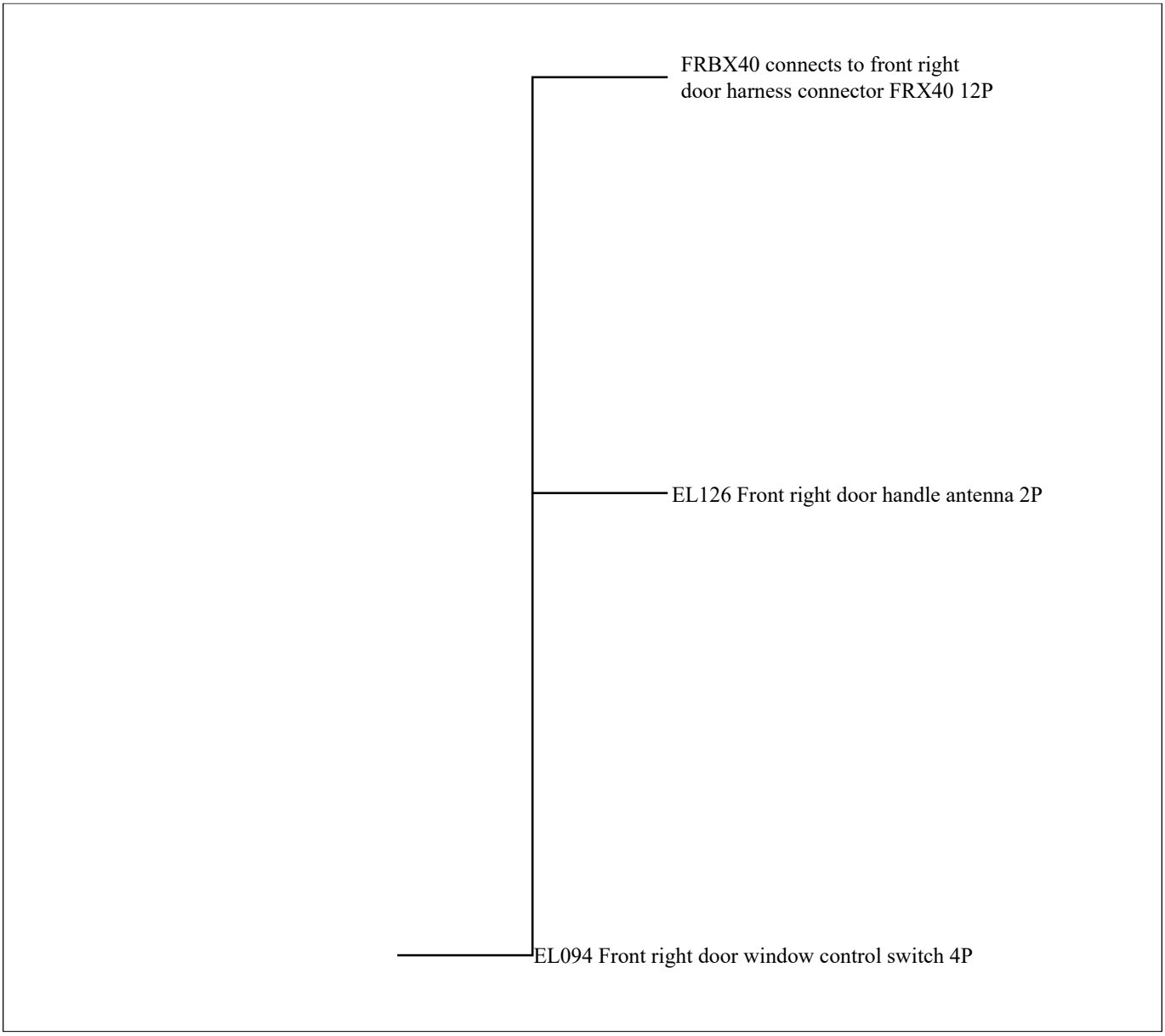
FRX77-1 Ground Plate Wiring Harness Connector BDX77-1			
B23	0.5G/Y	EL104	1
B24	0.5Y/R	EL104	3
B25	-	-	-
B26	-	-	-

FRX77-3 Ground Plate Wiring Harness Connector BDX77-3			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL028	1

FRX40 connects to the right front door trim panel harness connector FRBX40			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	FRX77-2	A13
2	0.35R/B	FRX77-1	B14
3	-	-	-
4	-	-	-
5	-	-	-
6	0.35B	FRD-SP001	
7	-	-	-
8	0.35B/W	FRX77-1	B15
9	-	-	-
10	0.35L	FRX77-1	B7
11	0.35L/B	FRX77-1	B8
12	-	-	-

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9.8 9.8 RIGHT FRONT DOOR TRIM PANEL WIRING HARNESS STRUCTURE DIAGRAM



9.8.1 FRONT RIGHT DOOR TRIM PANEL WIRING HARNESS MATING CONNECTOR

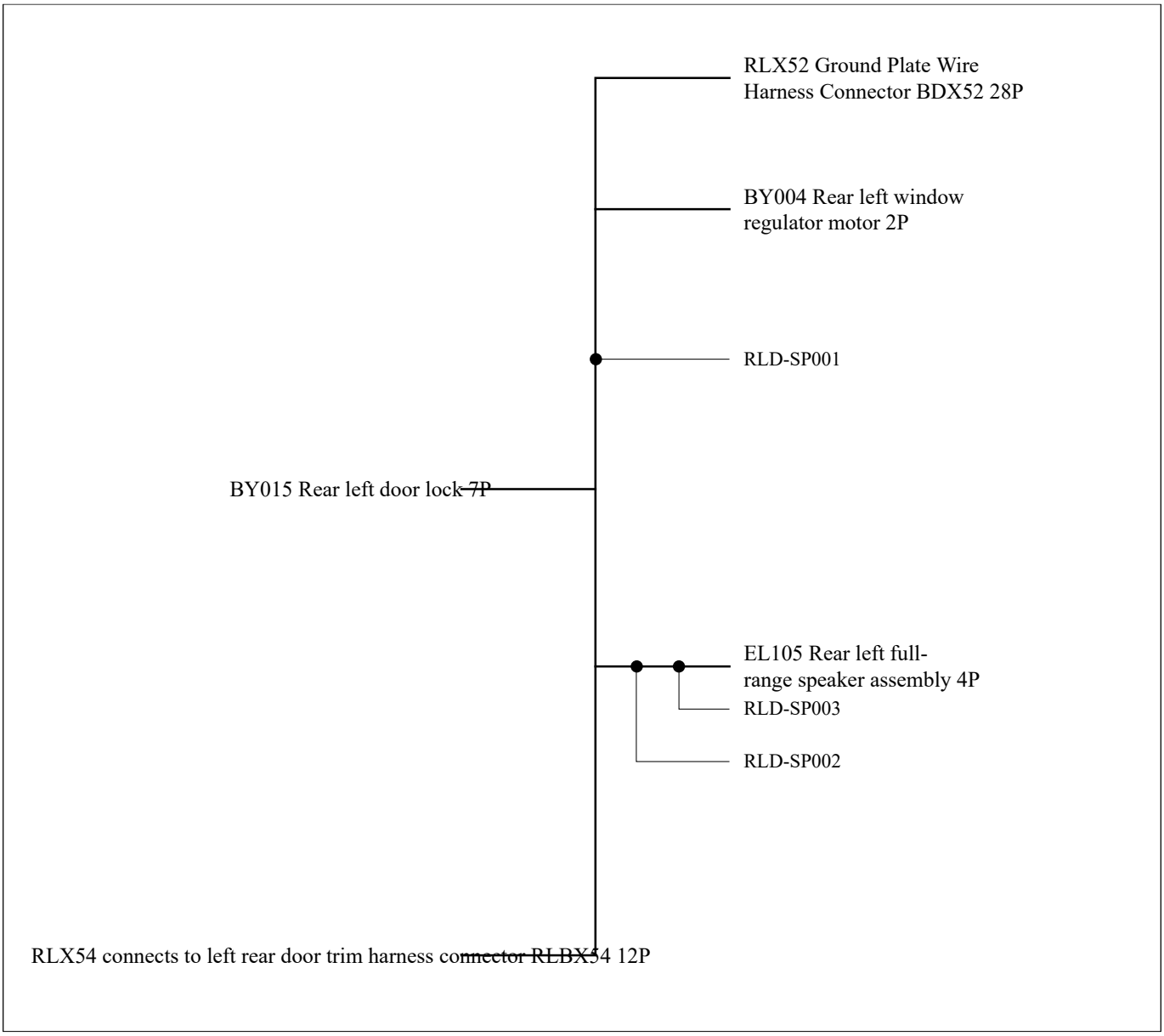
FRBX40 connects to front right door wire harness connector FRX40			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	EL094	1
2	0.35R/B	EL094	3
3	-	-	-
4	-	-	-

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FRBX40 connects to front right door wire harness connector FRX40			
5	-	-	-
6	0.35B	EL094	2
7	-	-	-
8	0.35B/W	EL094	4
9	-	-	-
10	0.35L	EL126	10
11	0.35L/B	EL126	11
12	-	-	-

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9.9 9.9 REAR LEFT DOOR WIRING HARNESS STRUCTURE DIAGRAM



9.9.1 REAR LEFT DOOR WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
RLD-SP001	0.75B	RLX52	1
	0.35B	EL095	2
	0.35B	BY015	3
RLD-SP003	0.5Lg	RLX52	15
	0.5Lg	EL105	1
	0.5Lg	RLX54	5

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Articulation point	Wire color	Connection	
RLD-SP002	0.5W/G	RLX52	27
	0.5W/G	RLX54	6
	0.5W/G	EL105	3

9.9.2 REAR LEFT DOOR WIRING HARNESS CONNECTOR

RLX52 Ground Plate Wiring Harness Connector BDX52			
Terminal number	Wire Gauge and Color	Connection	
1	0.75B	RLD-SP001	
2	-	-	-
3	-	-	-
4	0.75L/W	BY015	5
5	2.0R/Y	BY004	2
6	0.75Br	BY015	7
7	0.35P	RLX54	1
8	0.35W/Y	RLX54	3
9	0.35B/W	RLX54	7
10	0.35Gr/B	BY015	1
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	0.5Lg	RLD-SP003	
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-

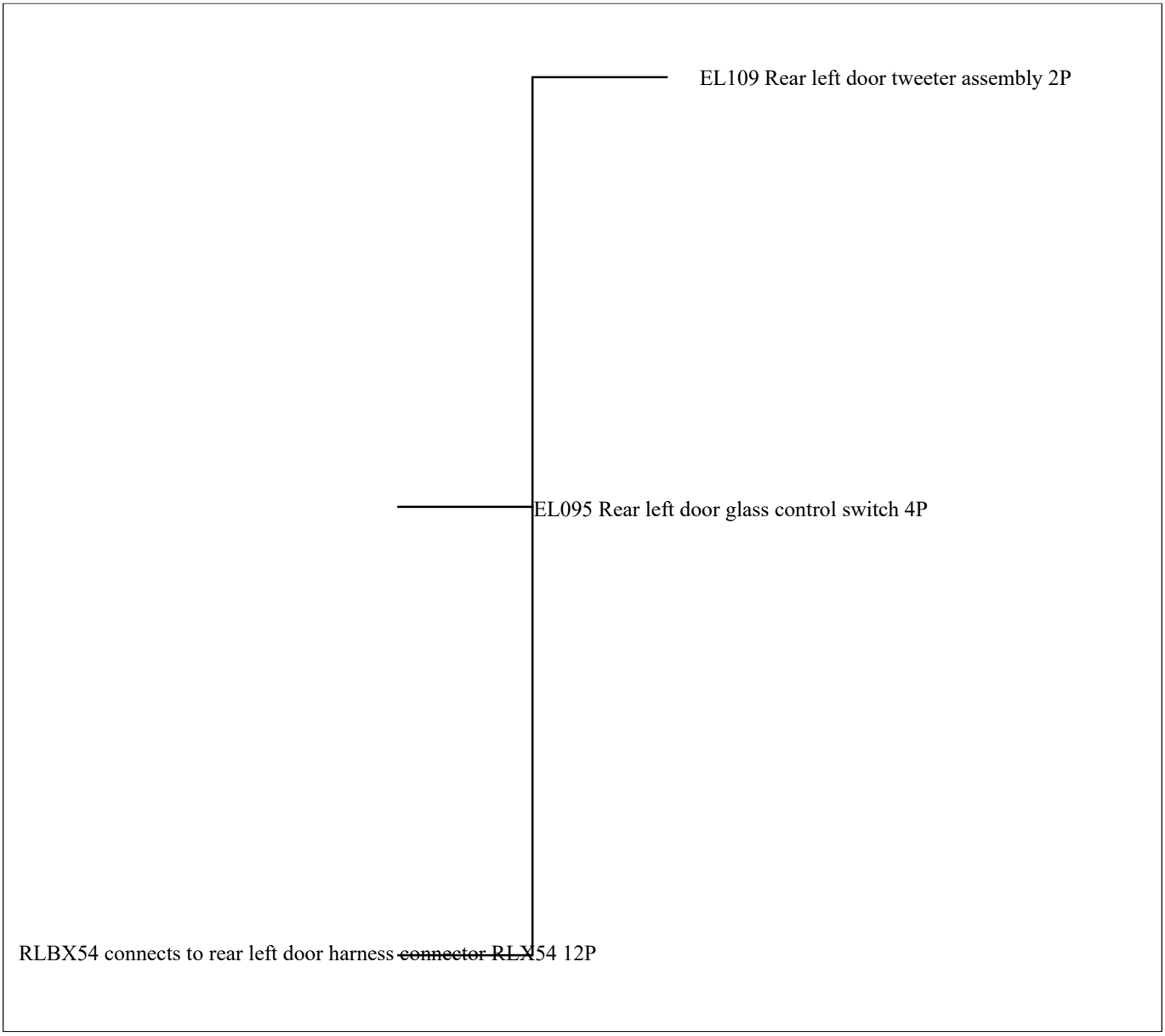
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RLX52 Ground Plate Wiring Harness Connector BDX52			
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	0.5W/G	RLD-SP002	
28	2.0B/W	BY004	1

RLX54 connects to left rear door trim panel wiring harness connector RLBX54			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	RLX52	7
2	0.35B	RLD-SP001	
3	0.35W/Y	RLX52	8
4	-	-	-
5	0.5Lg	RLD-SP003	
6	0.5W/G	RLD-SP12611	
7	0.35B/W	RLX52	9
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-

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9.10 9.10 REAR LEFT DOOR TRIM PANEL WIRING HARNESS STRUCTURE DIAGRAM



9.10.1 REAR LEFT DOOR TRIM PANEL WIRE HARNESS CONNECTOR

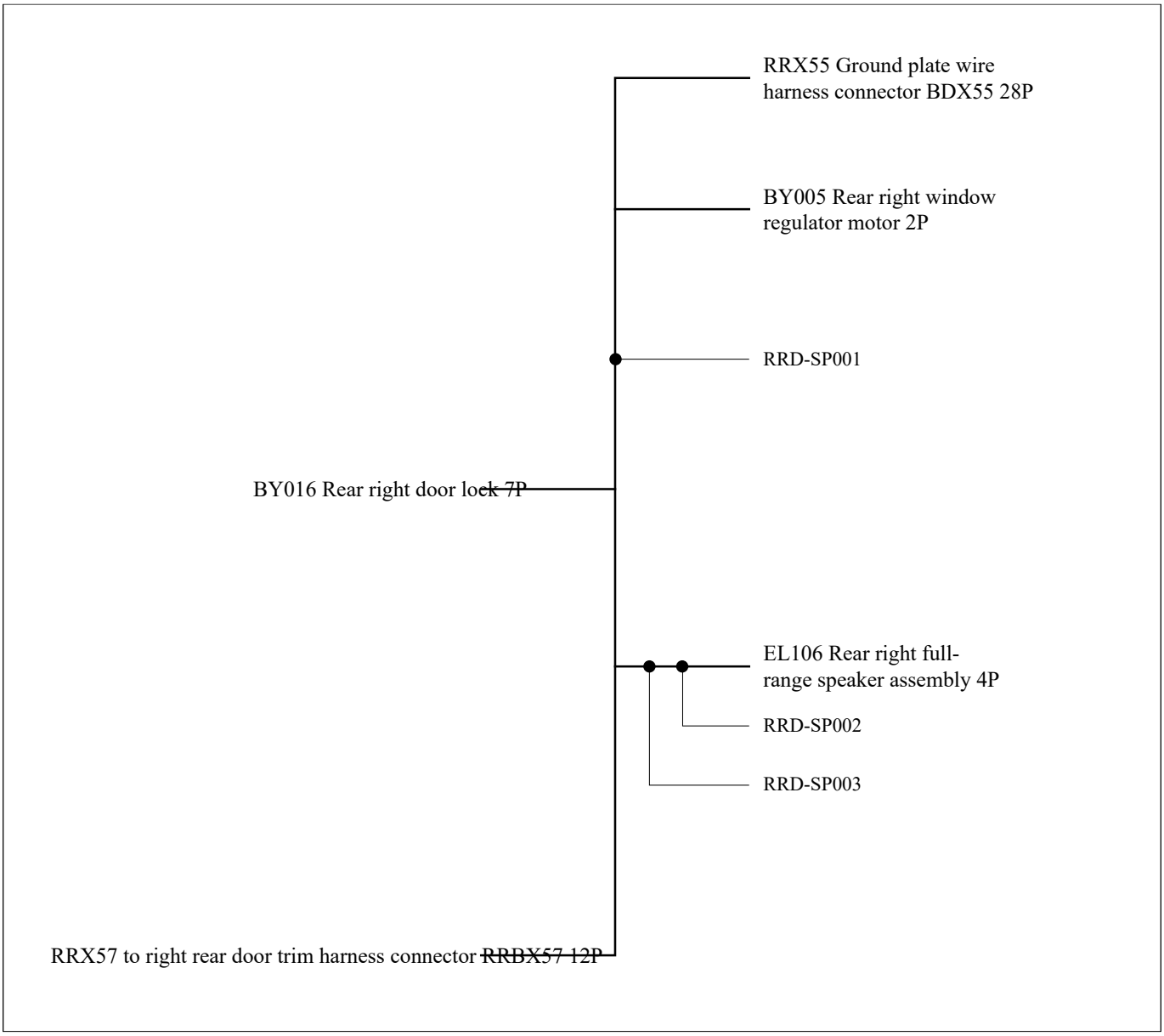
RLBX54 connects to the rear left door wiring harness connector RLX54			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	EL095	1
2	0.35B	EL095	2
3	0.35W/Y	EL095	3
4	-	-	-

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RLBX54 connects to the rear left door wiring harness connector RLX54			
5	0.5Lg	EL109	1
6	0.5W/G	EL109	2
7	0.35B/W	EL095	4
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-

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9.11 9.11 REAR RIGHT DOOR WIRING HARNESS STRUCTURE DIAGRAM



9.11.1 REAR RIGHT DOOR WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
RRD-SP001	0.5B	RRX55	1
	0.35B	RRX57	2
	0.35B	BY016	5
RRD-SP003	0.5O	RRX55	15
	0.5O	EL106	1
	0.5O	RRX57	5

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Articulation point	Wire color	Connection	
RRD-SP002	0.5O/B	RRX55	27
	0.5O/B	EL106	3
	0.5O/B	RRX57	6

9.11.2 REAR RIGHT DOOR WIRING HARNESS CONNECTOR

RRX55 Ground Plate Wiring Harness Connector BDX55			
Terminal number	Wire Gauge and Color	Connection	
1	0.5B	RRD-SP001	
2	-	-	-
3	-	-	-
4	0.75L/W	BY016	3
5	2.0R/L	BY005	2
6	0.75Br	BY016	1
7	0.35P	RRX57	1
8	0.35L	RRX57	3
9	0.35B/W	RRX57	7
10	0.5Gr	BY016	7
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	0.5O	RRD-SP003	
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-

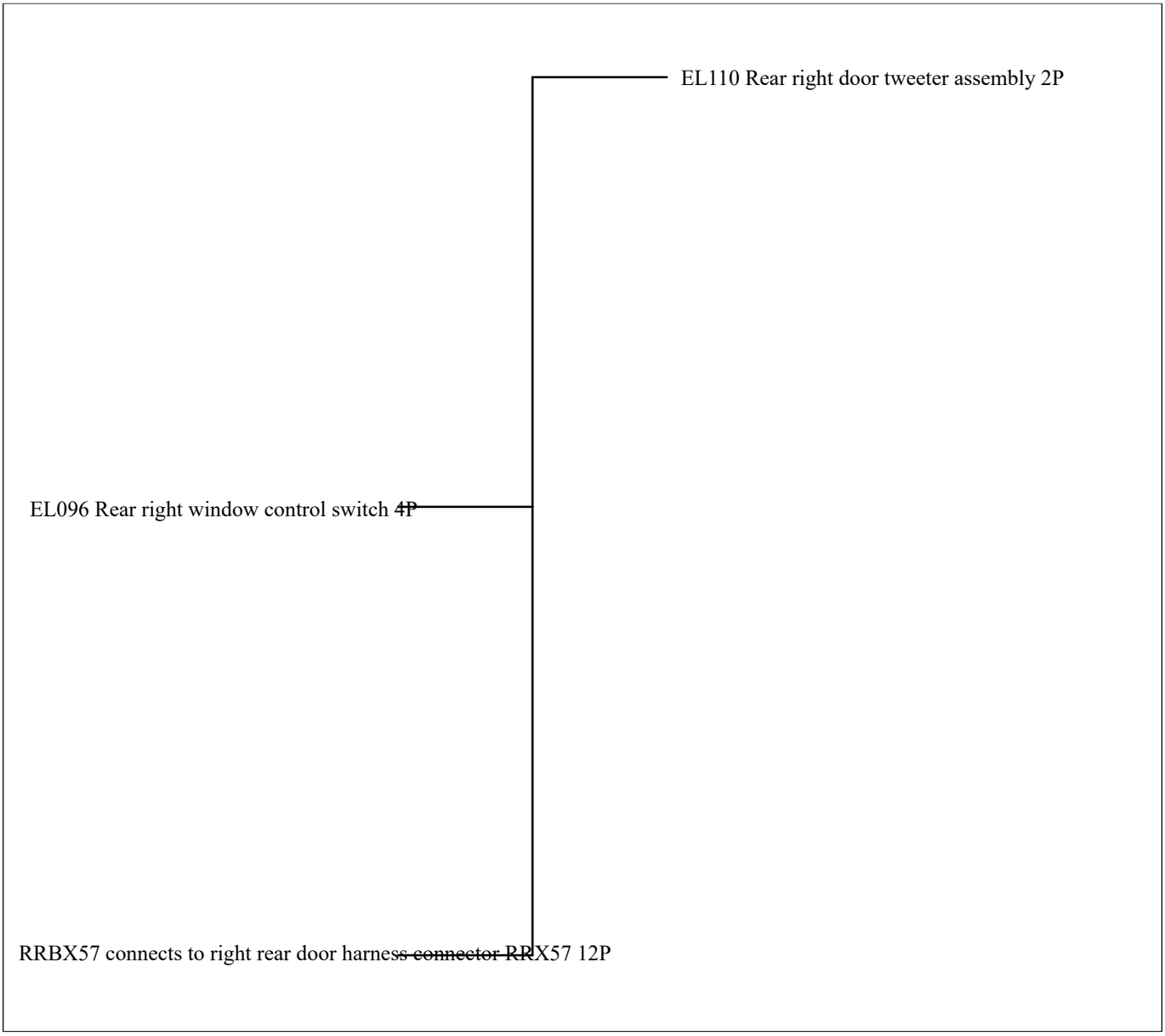
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RRX55 Ground Plate Wiring Harness Connector BDX55			
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	0.5O/B	RRD-SP002	
28	2.0B/L	BY005	1

RRX57 connects to the right rear door trim wiring harness connector RRBX57			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	RRX55	7
2	0.35B	RRD-SP001	
3	0.35L	RRX55	8
4	-	-	-
5	0.5O	RRD-SP003	
6	0.5O/B	RRD-SP002	
7	0.35B/W	RRX55	9
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-

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9.12 9.12 REAR RIGHT DOOR TRIM PANEL WIRING HARNESS STRUCTURE DIAGRAM



9.12.1 REAR RIGHT DOOR TRIM PANEL WIRING HARNESS CONNECTOR

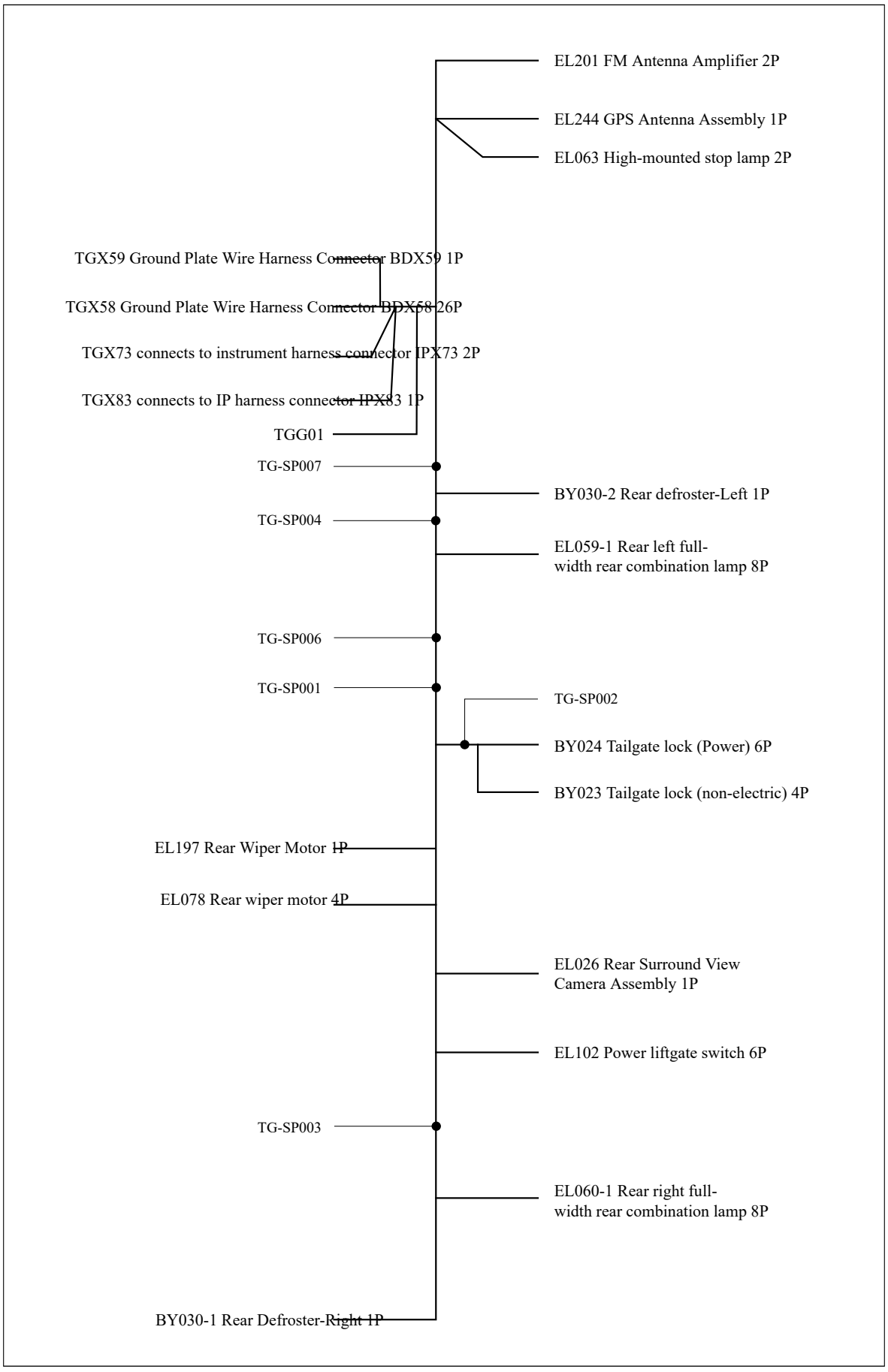
RRBX57 connects to the rear right door wiring harness connector RRX57			
Terminal number	Wire Gauge and Color	Connection	
1	0.35P	EL096	1
2	0.35B	EL096	2
3	0.35L	EL096	3
4	-	-	-

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RRBX57 connects to the rear right door wiring harness connector RRX57			
5	0.5O	EL110	1
6	0.5O/B	EL110	2
7	0.35B/W	EL096	4
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-

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9.13 9.13 LIFTGATE WIRING HARNESS STRUCTURE DIAGRAM



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9.13.1 LIFTGATE WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
TG-SP007	0.35Y/P	TGX58	23
	0.35Y/P	EL063	1
	0.35Y/P	EL060-1	2
TG-SP004	0.5O/B	TGX58	15
	0.5O/B	EL059-1	3
	0.5O/B	EL060-1	3
TG-SP006	0.5R/L	TGX58	16
	0.5R/L	EL059-1	6
	0.5R/L	EL060-1	6
TG-SP001	1.0B	TGG01	
	0.35B	BY023	2
	0.35B	EL102	5
	0.7B	EL078	3
	0.5B	TG-SP003	
	0.5B	EL059-1	1
TG-SP003	0.5B	TG-SP001	
	0.5B	EL060-1	5
	0.5B	EL059-1	5
	0.5B	EL060-1	1
	0.35B	EL060-1	7
TG-SP002	0.35L/B	TGX58	12
	0.35L/B	BY024	4
	0.35L/B	EL102	1

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9.13.2 LIFTGATE WIRING HARNESS CONNECTOR

TGX58 Ground Plate Wiring Harness Connector BDX58			
Terminal number	Wire Gauge and Color	Connection	
1	1.5Br	BY030-2	1
2	-	-	-
3	0.35B/W	EL102	2
4	0.35R/W	EL059-1	2
5	0.35O	-	-
6	0.5B	EL063	2
7	0.35W/R	BY024	5
8	0.35W/G	BY024	3
9	0.75G/B	BY024	2
10	0.75G/W	BY023	3
10	0.75G/W	BY024	1
11	0.75R	EL078	1
12	0.35L/B	TG-SP002	
13	-	-	-
14	0.35W/B	BY024	6
14	0.35W/B	BY023	1
15	0.5O/B	-	-
16	0.5R/L	TG-SP006	
17	0.35Lg	EL060-1	4
18	-	-	-
19	-	-	-
20	0.35B/G	EL060-1	8
21	0.35G/L	EL078	2
22	-	-	-

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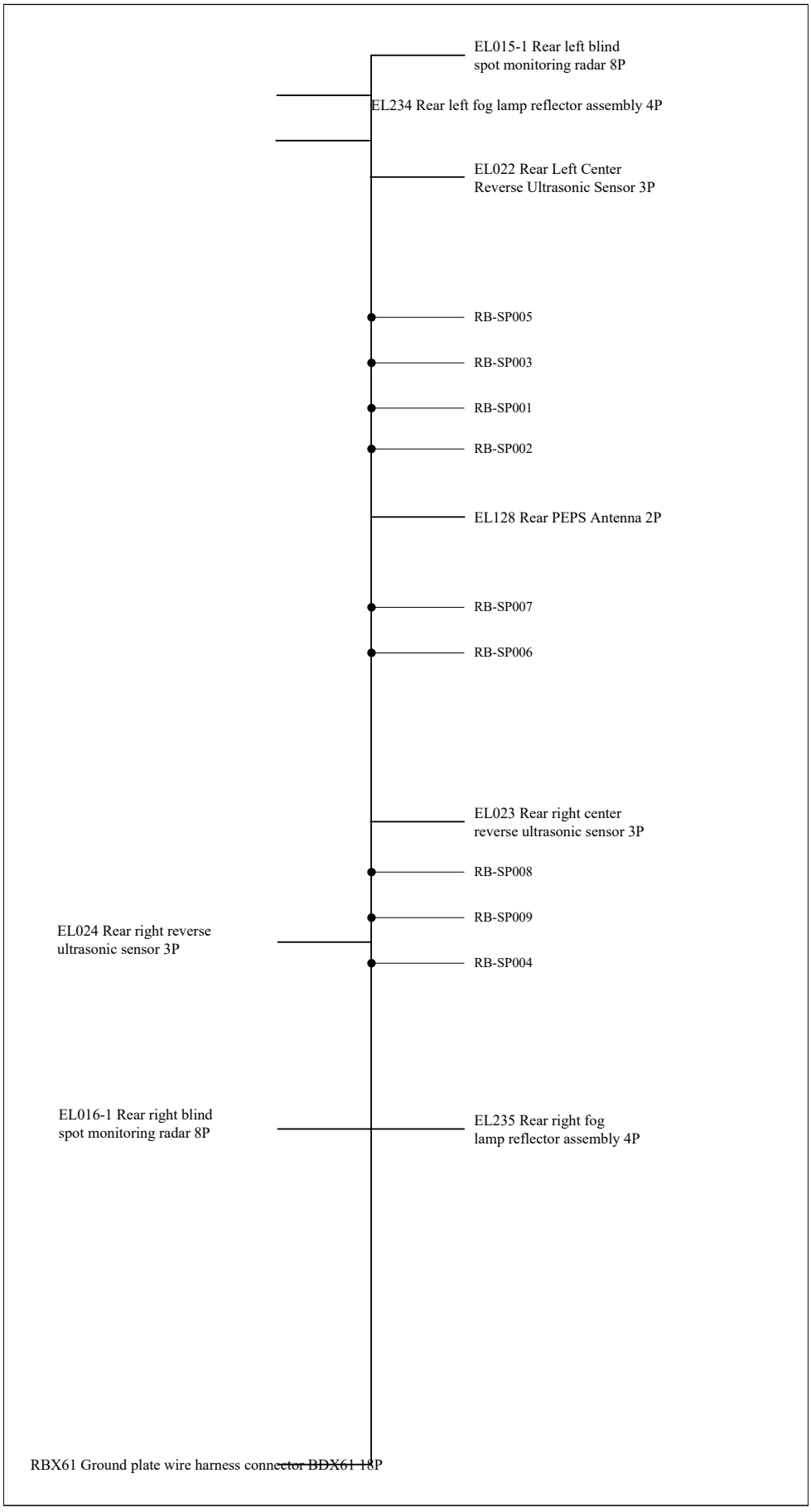
TGX58 Ground Plate Wiring Harness Connector BDX58			
23	0.35Y/P	TG-SP007	
24	-	-	-
25	0.35W	EL102	4
26	–	EL026	1

Connect TGX83 to instrument panel harness connector IPX83			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL244	1

Connect TGX73 to instrument panel harness connector IPX73			
Terminal number	Wire Gauge and Color	Connection	
1	-	EL201	2
2	-	EL201	1

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9.14 9.14 REAR BUMPER WIRING HARNESS STRUCTURE DIAGRAM



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9.14.1 REAR BUMPER WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
RB-SP005	0.35W/R	EL022	2
	0.35W/R	EL021	2
	0.35W/R	RBX61	9
RB-SP003	0.5Gr	RBX61	10
	0.5Gr	EL234	2
	0.5Gr	EL235	2
RB-SP001	0.35R/Br	EL016-1	8
	0.35R/Br	RBX61	16
	0.35R/Br	EL015-1	8
RB-SP002	1.0B	RBX61	14
	0.5B	EL234	1
	0.5B	EL235	1
	0.35B	EL015-1	5
	0.35B	EL016-1	5
	0.35B	EL016-1	2
RB-SP007	0.35V/W	EL024	1
	0.35V/W	EL021	1
	0.35V/W	RBX61	2
RB-SP006	0.35O/W	EL023	1
	0.35O/W	EL022	1
	0.35O/W	RBX61	1
RB-SP008	0.35B/W	EL022	3
	0.35B/W	EL023	3
	0.35B/W	RBX61	6
RB-SP009	0.35B/G	EL021	3

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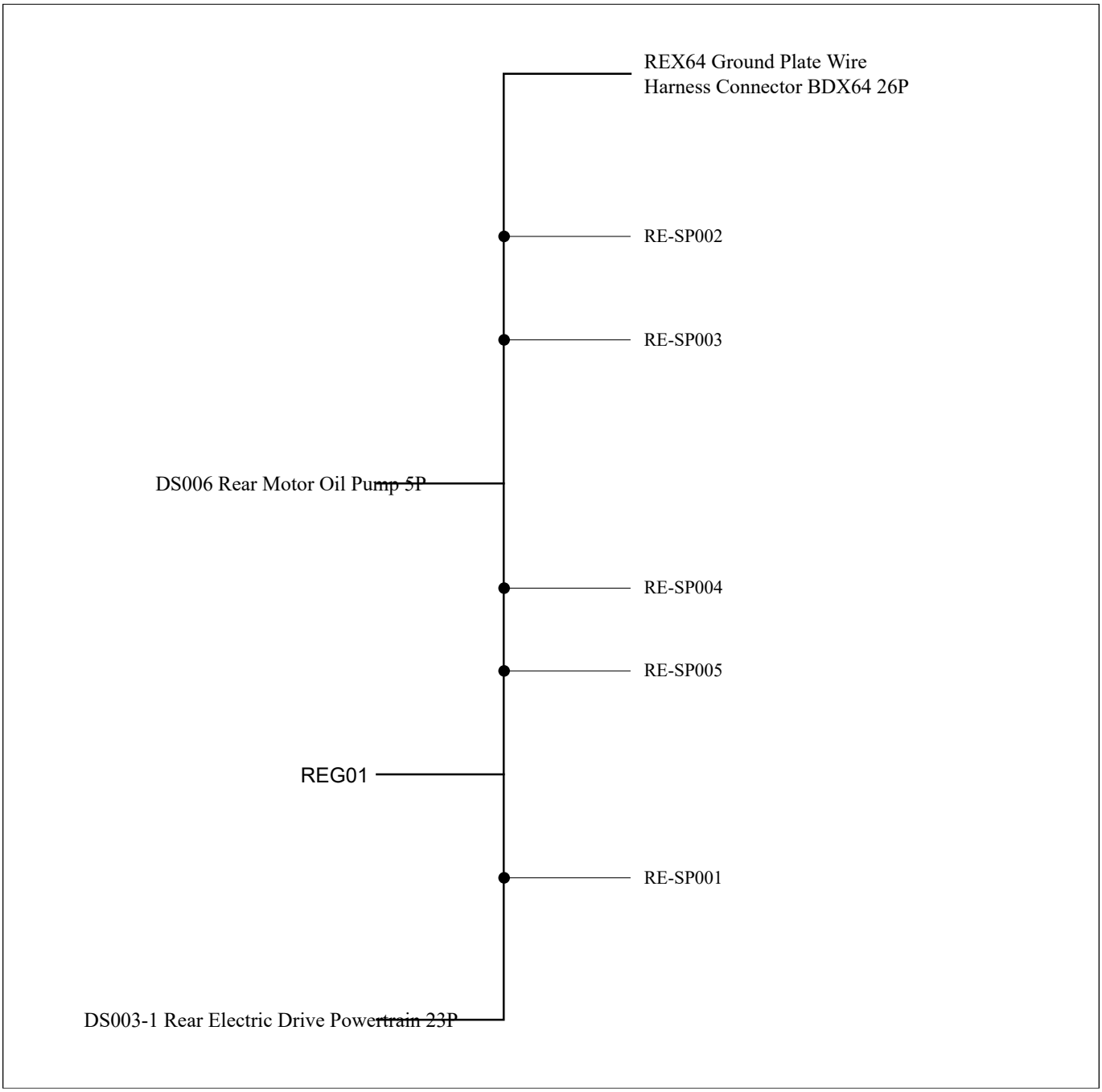
Articulation point	Wire color	Connection	
	0.35B/G	EL024	3
	0.35B/G	RBX61	7
RB-SP004	0.35W/L	EL024	2
	0.35W/L	EL023	2
	0.35W/L	RBX61	4

9.14.2 REAR BUMPER WIRING HARNESS CONNECTOR

RBX61 Ground Plate Wire Harness Connector BDX61			
Terminal number	Wire Gauge and Color	Connection	
1	0.35O/W	RB-SP006	
2	0.35V/W	RB-SP007	
3	0.35Gr	EL128	2
4	0.35W/L	RB-SP004	
5	-	-	-
6	0.35B/W	RB-SP008	
7	0.35B/G	RB-SP009	
8	0.35Gr/B	EL128	1
9	0.35W/R	RB-SP005	
10	0.5Gr	RB-SP003	
11	-	-	-
12	0.35R/B	EL016-1	7
13	0.35R/W	EL015-1	7
14	1.0B	RB-SP002	
15	0.35L/B	EL016-1	6
16	0.35R/Br	RB-SP001	
17	-	-	
18	0.35L/W	EL015-1	6

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9.15 9.15 REAR SUBFRAME WIRING HARNESS STRUCTURE DIAGRAM



9.15.1 REAR SUBFRAME WIRING HARNESS SPLICE POINT

Articulation point	Wire color	Connection	
RE-SP002	0.35R/G	REX64	1
	0.35R/G	REX64	24
	0.5R/G	DS003-1	7
RE-SP003	0.35L/G	REX64	25

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Articulation point	Wire color	Connection	
	0.35L/G	REX64	2
	0.5L/G	DS003-1	8
RE-SP004	0.35L/B	REX64	18
	0.5L/B	DS003-1	22
	0.35L/B	REX64	8
RE-SP005	0.35R/B	REX64	17
	0.5R/B	DS003-1	23
	0.35R/B	REX64	7
RE-SP001	0.75B	REG01	
	0.5B	DS003-1	4
	0.5B	DS003-1	1

9.15.2 REAR SUBFRAME WIRING HARNESS MATING CONNECTOR

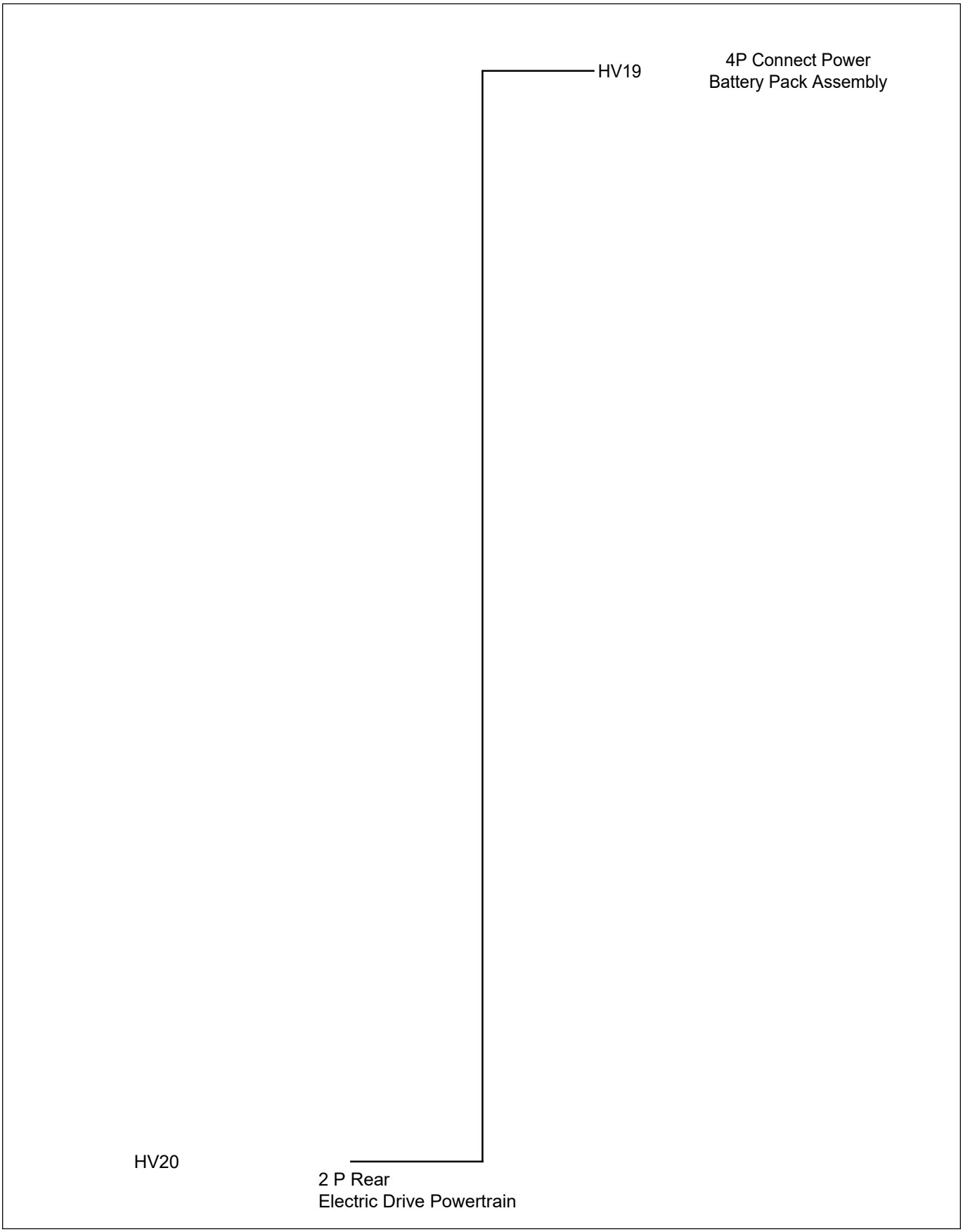
REX64 Ground Plate Wiring Harness Connector BDX64			
Terminal number	Wire Gauge and Color	Connection	
1	0.35R/G	RE-SP002	
2	0.35L/G	RE-SP003	
3	-	-	-
4	-	-	-
5	-	-	-
6	0.5Y/R	DS003-1	17
7	0.35R/B	RE-SP005	
8	0.35L/B	RE-SP004	
9	0.5Y/Br	DS003-1	19
10	0.5O	DS003-1	16
11	-	-	-
12	0.5R/Y	DS003-1	10

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REX64 Ground Plate Wiring Harness Connector BDX64			
13	-	-	-
14	0.5B/G	DS003-1	13
15	0.5B/L	DS003-1	2
16	0.5B/V	DS003-1	5
17	0.35R/B	RE-SP005	
18	0.35L/B	RE-SP004	
19	1.5W/R	DS006	1
20	0.5B/Y	DS003-1	15
21	0.5B/Gr	DS003-1	14
22	0.5B	DS003-1	3
23	0.5B/Br	DS003-1	6
24	0.35R/G	RE-SP002	
25	0.35L/G	RE-SP003	
26	0.5R/W	DS003-1	9

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9.16 9.16 REAR MCU CABLE STRUCTURAL DIAGRAM



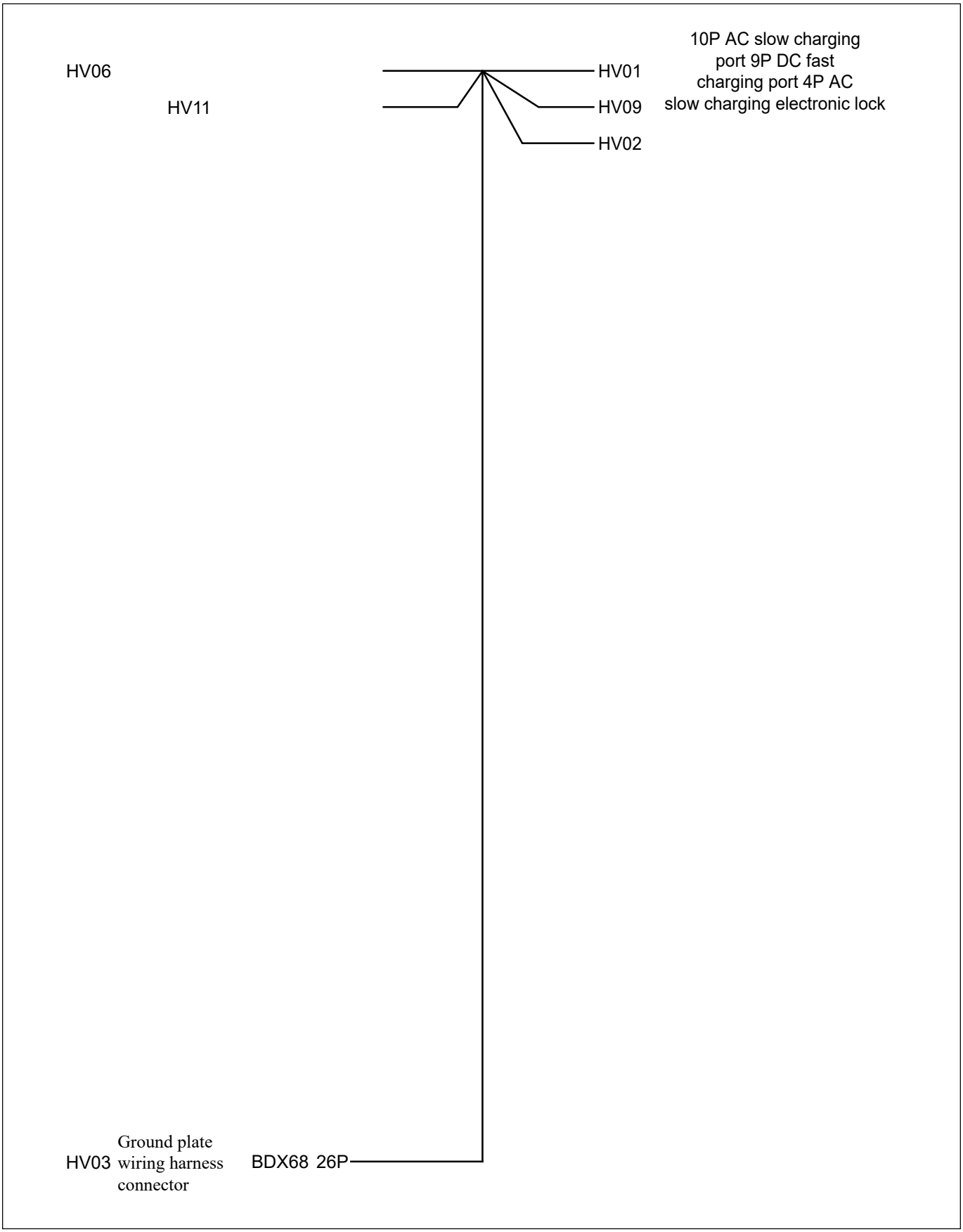
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9.16.1 REAR MCU CABLE CONNECTOR

HV19 connects to power battery pack assembly			
Terminal number	Wire Gauge and Color	Connection	
1	50.0 Shielding	HV20	1
2	50.0 Shielding	HV20	2
3	-	HV19	4
4	-	HV19	3

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9.17 9.17 STRUCTURE DIAGRAM OF FAST AND SLOW CHARGING CABLE



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9.17.1 STRUCTURE DIAGRAM OF FAST AND SLOW CHARGING CABLE

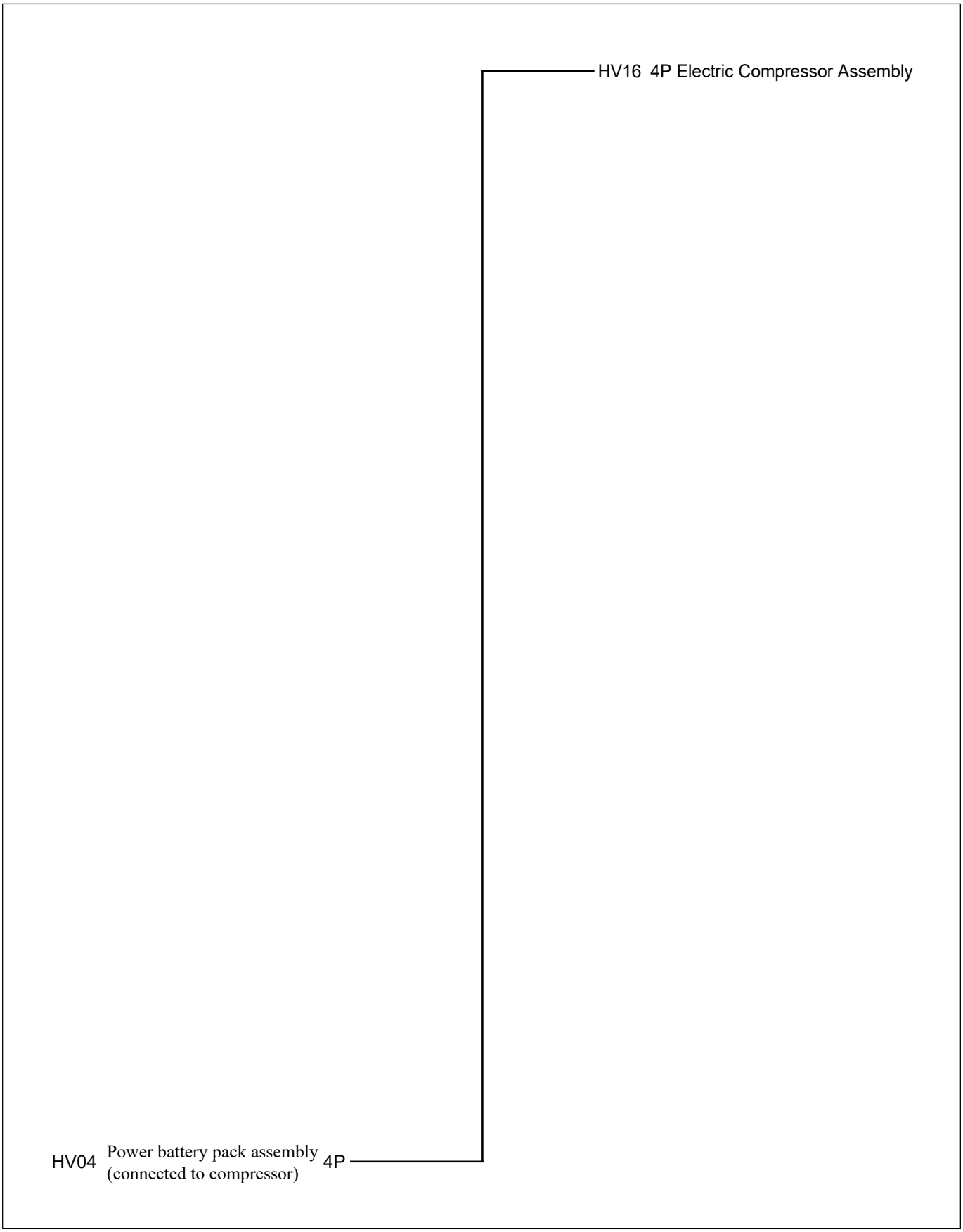
HV03 Ground Plate Wiring Harness Connector BDX68			
Terminal number	Wire Gauge and Color	Connection	
1	0.5Gr	HV01	PP
1	0.5Gr	HV09	PP
2	0.5O	HV01	CP
2	0.5O	HV09	CP
3	0.5L	HV01	T_L1+
4	0.5L	HV01	T_L1-
5	-	-	-
6	-	-	-
7	-	-	-
8	0.5P	HV09	TDC+
9	0.5P	HV09	TDC+
10	0.5Y	HV01	T_N+
11	0.5Y	HV01	T_N-
12	-	-	-
13	-	-	-
14	0.5Br	HV09	TDC-
15	0.5Br	HV09	TDC-
16	0.5R	HV02	3
17	0.5B	HV02	4
18	-	-	-
19	-	-	-
20	-	-	-
21	0.5W	HV02	1
22	0.5L/W	HV02	2

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HV03 Ground Plate Wiring Harness Connector BDX68			
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-

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9.18 9.18 COMPRESSOR CABLE STRUCTURE DIAGRAM



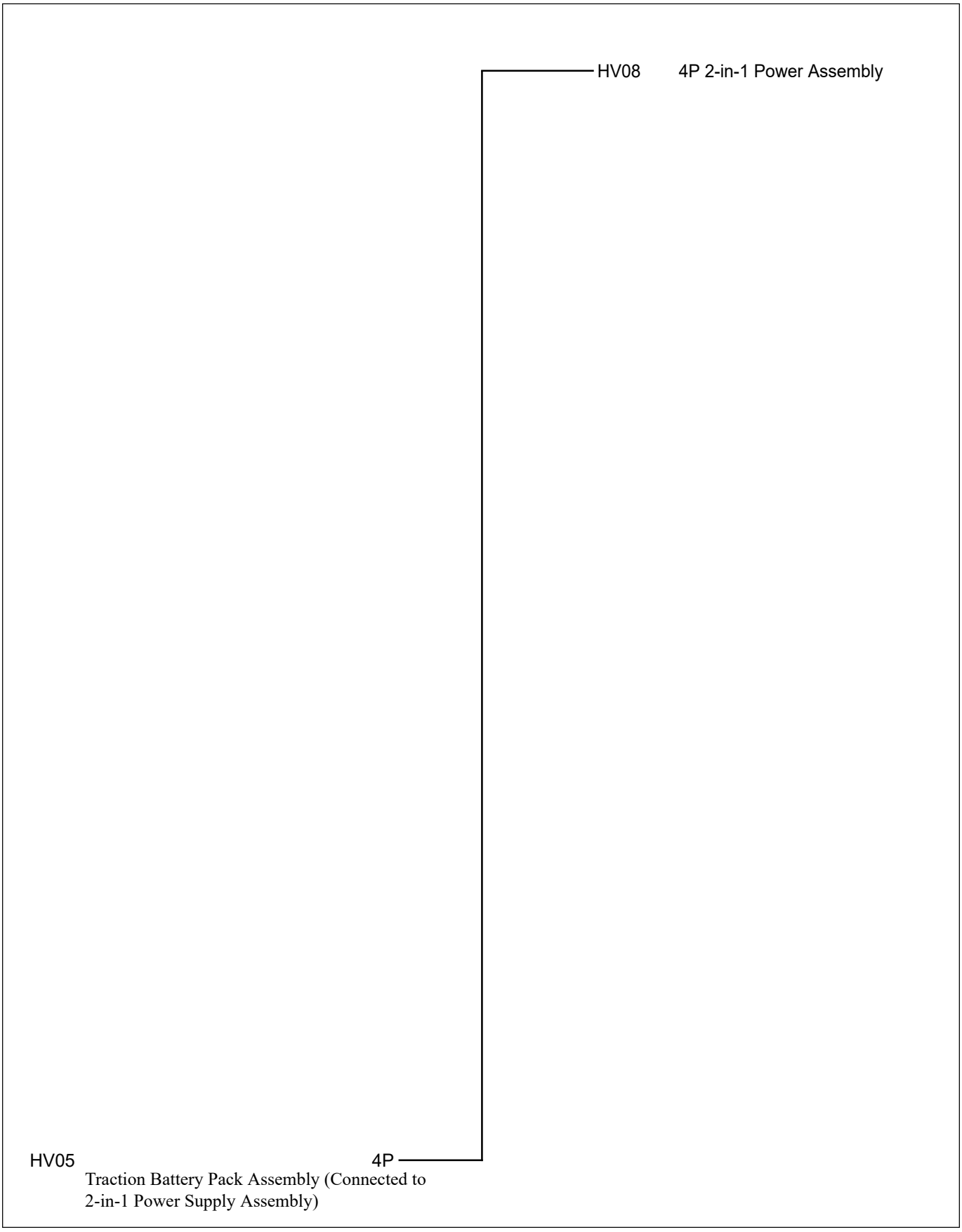
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9.18.1 COMPRESSOR CABLE MATING CONNECTOR

HV04 Power battery pack assembly (to compressor)			
Terminal number	Wire Gauge and Color	Connection	
A	4.0 O	HV16	1
B	4.0 O	HV16	2
1	-	HV04	2
2	-	HV04	1

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9.19 9.19 OBC CABLE STRUCTURE DIAGRAM



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9.19.1 OBC CABLE CONNECTOR

HV05 Power battery pack assembly (connected to the 2-in-1 power supply assembly)			
Terminal number	Wire Gauge and Color	Connection	
a	4.0 O	HV08	a
b	4.0 O	HV08	b
1	-	HV05	2
2	-	HV05	1

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