

Table of Contents

6.1 Introduction	6.1-1
6.2 Symbol	6.2-1
6.3 Circuit Fault Diagnosis	6.3-1
Diagnostic Procedure	6.3-1
Diagnostic Tools.....	6.3-1
Fault Testing	6.3-2
Repair Tools.....	6.3-4
Wiring Harness Terminal Repair	6.3-6
6.4.1 Tire Pressure Monitoring	6.4.1-1
Tire Pressure Monitoring.....	6.4.1-1
6.4.2 Electronic Stability Control System	6.4.2-1
Electronic Stability Control System	6.4.2-1
Power Supply/Switch	6.4.2-2
Sensor	6.4.2-3
6.4.3 Electronic Assist Steering	6.4.3-1
Electronic Assist Steering	6.4.3-1
6.4.4 Cooling System	6.4.4-1
Cooling System.....	6.4.4-1
6.4.5 Fuel System	6.4.5-1
Fuel System.....	6.4.5-1
6.4.6 Ignition System	6.4.6-1
Ignition System	6.4.6-1
6.4.7 Starting System	6.4.7-1
Starting System.....	6.4.7-1
Starting System (for Level1 Model).....	6.4.7-2
Starting System (for Level2, Level3, Level4 Models).....	6.4.7-3
6.4.8 Charging System	6.4.8-1
Charging System	6.4.8-1
6.4.9 Electronic Control System	6.4.9-1
Electronic Control System	6.4.9-1
Power Supply.....	6.4.9-2
Power Supply/Discharge Control Valve/Oxygen Sensor/ Exhaust Control Valve/Canister Control Valve.....	6.4.9-3
Camshaft Sensor/Electronic Accelerator Pedal/Electronic Thermostat/ Electronic Throttle	6.4.9-4
Intercooler Pressure Sensor/Coolant Temperature Sensor/Air Intake Temperature Sensor/Constant Speed Cruise	6.4.9-5

Table of Contents

Knock Sensor/Crankshaft Sensor	6.4.9-6
6.4.10 Automatic Transmission	6.4.10-1
Automatic Transmission	6.4.10-1
6.4.11 Heating, Ventilation and Air Conditioning	6.4.11-1
Heating, Ventilation and Air Conditioning - 1.....	6.4.11-1
Heating, Ventilation and Air Conditioning - 2.....	6.4.11-2
Electric A/C - Pressure Switch/Compressor.....	6.4.11-3
Electric A/C - Blower	6.4.11-4
Electric A/C - Power Supply/Controller	6.4.11-5
Electric A/C - Actuator.....	6.4.11-6
Automatic A/C - Pressure Switch/Compressor	6.4.11-7
Automatic A/C - Blower	6.4.11-8
Automatic A/C - Power Supply/Controller	6.4.11-9
Automatic A/C - Actuator	6.4.11-10
6.4.12 Airbag Restraint System	6.4.12-1
Airbag Restraint System	6.4.12-1
Power Supply/Actuator	6.4.12-2
Sensor and Switch	6.4.12-3
Actuator.....	6.4.12-4
6.4.13 Instrument Cluster	6.4.13-1
Instrument Cluster.....	6.4.13-1
Power Supply and Signal	6.4.13-2
Signal Lamp 1	6.4.13-3
Signal Lamp 2	6.4.13-4
6.4.14 Horn.....	6.4.14-1
Horn	6.4.14-1
6.4.15 Cigarette Lighter & On-board Power Supply.....	6.4.15-1
Cigarette Lighter & On-board Power Supply.....	6.4.15-1
6.4.16 Information and Entertainment System	6.4.16-1
Information and Entertainment System.....	6.4.16-1
Power Supply	6.4.16-2
Microphone/Antenna/Multi-functional Switch	6.4.16-3
Front Speaker	6.4.16-4
Rear Speaker	6.4.16-5
Rearview Monitor (for Level2, Level3 Models).....	6.4.16-6
6.4.17 Lighting System	6.4.17-1
Lighting System - 1	6.4.17-1
Lighting System - 2	6.4.17-2

Table of Contents

Lighting System - 3	6.4.17-3
Headlamp/Light Adjusting	6.4.17-4
Position Lamp	6.4.17-6
Turn Lamp.....	6.4.17-9
Front Fog Lamp	6.4.17-12
Rear Fog Lamp.....	6.4.17-13
Brake Lamp	6.4.17-14
Backup Lamp.....	6.4.17-15
Daytime Running Lamp/Foot Lamp	6.4.17-16
Indoor Lamp.....	6.4.17-17
6.4.18 Wiper and Washer	6.4.18-1
Wiper and Washer	6.4.18-1
Front Wiper Switch	6.4.18-2
Front Wiper Motor	6.4.18-3
Rear Wiper.....	6.4.18-4
6.4.19 Power Rearview Mirror.....	6.4.19-1
Power Rearview Mirror	6.4.19-1
Power Rearview Mirror (for Level1, Level2, Level3 Models)	6.4.19-2
Power Rearview Mirror (for Level4 Model)	6.4.19-3
Rearview Mirror Folding (for Level4 Model).....	6.4.19-4
6.4.20 Central Door Lock and Body Theft Deterrent System.....	6.4.20-1
Central Door Lock and Body Theft Deterrent System	6.4.20-1
Power Supply and Switch Signal	6.4.20-2
Switch Signal	6.4.20-3
Actuator (for Level1 Model)	6.4.20-4
Actuator (for Level2, Level3, Level4 Models)	6.4.20-5
6.4.21 Power Window	6.4.21-1
Power Window	6.4.21-1
Power Window (for Level1, Level2, Level3 Models) - Left Front Door	6.4.21-2
Power Window (for Level1, Level2, Level3 Models) - Right Front Door	6.4.21-3
Power Window (for Level1 Model) - Left Rear Door	6.4.21-4
Power Window (for Level2, Level3 Models) - Left Rear Door.....	6.4.21-5
Power Window (for Level1 Model) - Right Rear Door.....	6.4.21-6
Power Window (for Level2, Level3 Models) - Right Rear Door	6.4.21-7
Power Window (for Level4 Model) - Left Front Door	6.4.21-8
Power Window (for Level4 Model) - Right Front Door	6.4.21-9
Power Window (for Level4 Model) - Left Rear Door	6.4.21-10
Power Window (for Level4 Model) - Right Rear Door.....	6.4.21-11
6.4.22 Defroster.....	6.4.22-1
Defroster	6.4.22-1

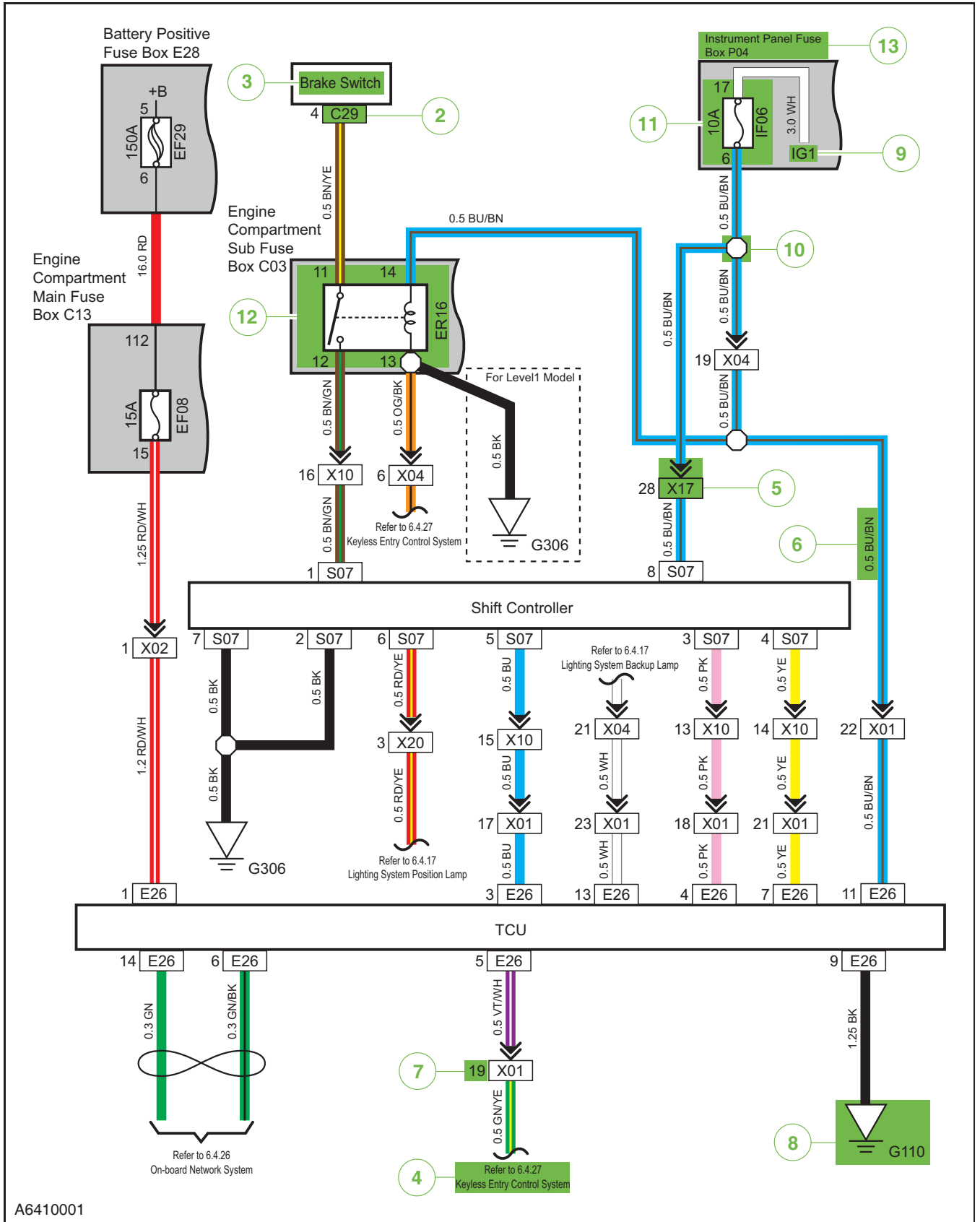
Table of Contents

6.4.23 Sunroof	6.4.23-1
Sunroof	6.4.23-1
6.4.24 Parking Assist System	6.4.24-1
Parking Assist System	6.4.24-1
Power Supply and Switches	6.4.24-2
Reversing Radar Sensor (for Level1 Model).....	6.4.24-3
Reversing Radar Sensor (for Level2, Level3, Level4 Models).....	6.4.24-4
Rearview Monitor (for Level2, Level3 Models).....	6.4.24-5
6.4.25 Body Control System	6.4.25-1
Body Control System	6.4.25-1
6.4.26 On-board Network System	6.4.26-1
On-board Network System.....	6.4.26-1
On-board Network System - 1.....	6.4.26-2
On-board Network System - 2.....	6.4.26-3
On-board Network System - 3.....	6.4.26-4
On-board Network System - 4.....	6.4.26-5
6.4.27 Keyless Entry Control System	6.4.27-1
Keyless Entry Control System.....	6.4.27-1
Power Supply.....	6.4.27-2
Antenna.....	6.4.27-3
Start Switch	6.4.27-4
6.4.28 Power Seat	6.4.28-1
Power Seat	6.4.28-1
Seat Adjustment.....	6.4.28-2
Seat Ventilation	6.4.28-3
6.4.29 Electronic Parking Brake System	6.4.29-1
Electronic Parking Brake System.....	6.4.29-1
AUTOHOLD and EPB Switch	6.4.29-2
Electronic Parking Brake Actuator Motor	6.4.29-3
6.4.30 Blind Spot Monitoring System	6.4.30-1
Blind Spot Monitoring System	6.4.30-1
Controller	6.4.30-2
Indicator	6.4.30-3
6.4.31 4WD System	6.4.31-1
4WD System	6.4.31-1
6.4.32 360° Panoramic View Monitor System	6.4.32-1
360° Panoramic View Monitor System.....	6.4.32-1

Table of Contents

6.5 Fuses and Relays	6.5-1
6.6 Power Supply Distribution.....	6.6-1
6.7 Fuse Details.....	6.7-1
6.8 Grounding Distribution	6.8-1
6.9 Wiring Harness Connector Location View	6.9-1
6.10 Grounding Location View	6.10-1
6.11 Wiring Harness Connector Terminal View.....	6.11-1
6.12 Abbreviation.....	6.12-1

Automatic Transmission 1



A6410001

1. System name.
2. Wiring harness connector number.

In this manual, the wiring harness connector is numbered based on wiring harness. For example, connector of ECM wiring harness in engine wiring harnesses is numbered as E01. E is the wiring harness code, 01 is the connector serial number.

The following table lists are wiring harness codes:

Definition	Wiring Harness Name
CA	Engine compartment wiring harness
C--	Engine compartment wiring harness connector
EN	Engine wiring harness
E--	Engine wiring harness connector
IP	Instrument panel wiring harness
P--	Instrument panel wiring harness connector
SO	Chassis wiring harness
S--	Chassis wiring harness connector
DR	Door wiring harness
D--	Door wiring harness connector
RF	Indoor lamp (roof) wiring harness
L--	Indoor lamp (roof) wiring harness connector
X	Wiring harness to wiring harness connector

CAUTION:

1. Door wiring harness consists of wiring harness of four doors.
2. For details of wiring harness connector numbering, please refer to wiring harness layout views.
3. Component name.
4. System information related to the circuit.
5. For wiring harness to wiring harness connector, the black arrow represents positive pole and the box represents the negative pole. The character in the box is the connector code.

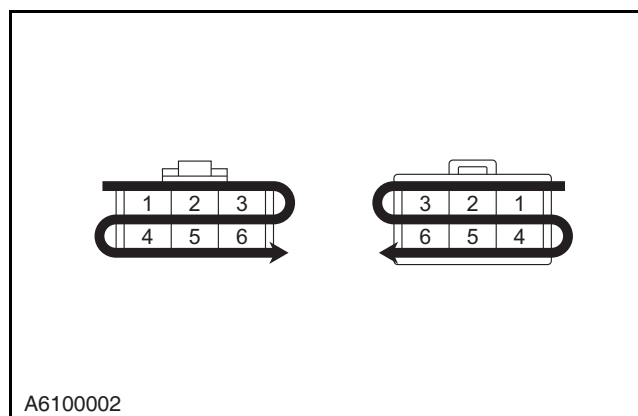
6. Wiring harness color and wire diameter. The following table shows the color code:

Color Code	Wiring Harness Color	Legend
BK	Black	
BN	Brown	
BU	Blue	
GN	Green	
GY	Grey	
LG	Light Green	
LU	Light Blue	
OG	Orange	
PK	Pink	
RD	Red	
SR	Silver	
VT	Violet	
WH	White	
YE	Yellow	

If a wiring harness has two colors, the first character shows the background color and the second shows the stripe color, divided by "/".

For example, YE/WH means yellow background color with white stripe.

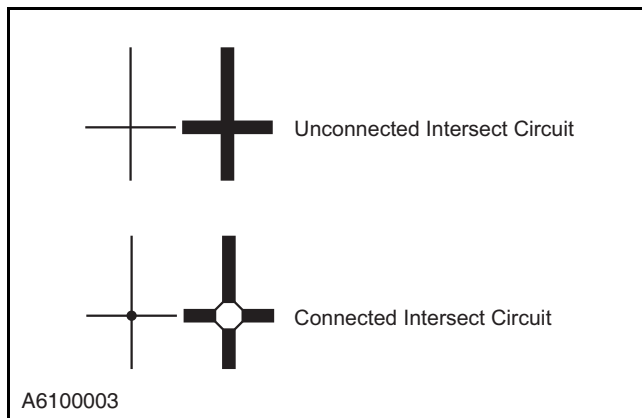
7. Pin number. The pin number of mated connector pair are mirrored relationship, as shown below:



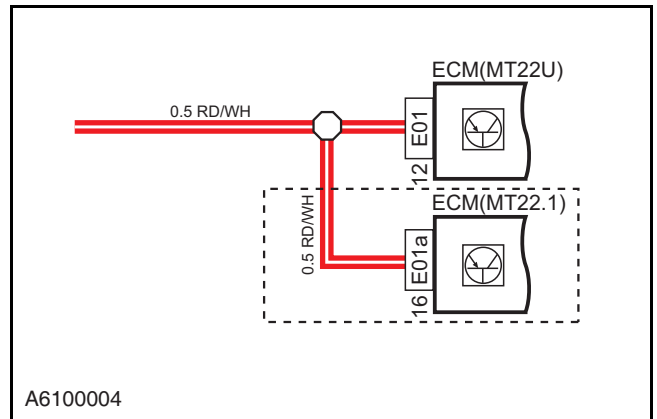
8. Grounding number. The grounding number starts with G. For grounding details, please refer to grounding layout view.
9. For power supply type supplied to fuse, +B represents battery power supply, ACC represents power supply output when ignition switch is at "ACC", IG1 represents No.4 terminal output when ignition switch is at "ON", and IG2 represents No.1 terminal output when ignition switch is at "ON".

⚠ CAUTION: The difference between IG1 and IG2 is that there is power supply output from IG1, but no output from IG2 when the ignition switch is in "ST".

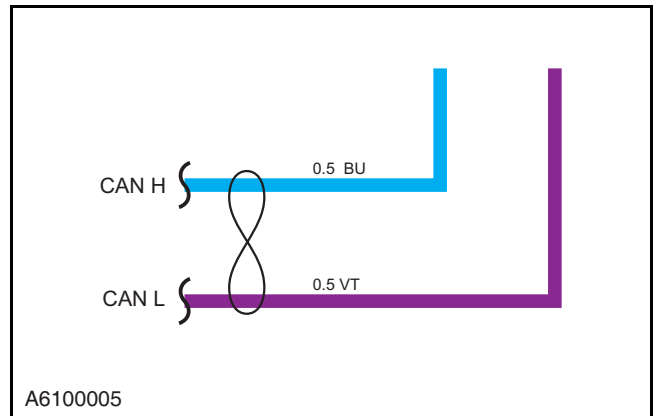
10. Wiring harness splice point.

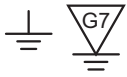
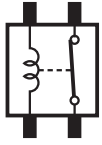
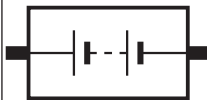

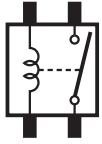

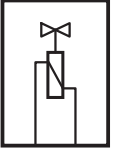
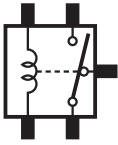
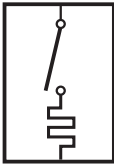




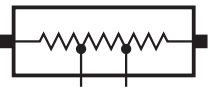
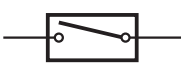


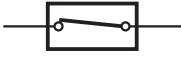


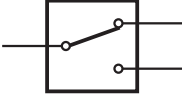

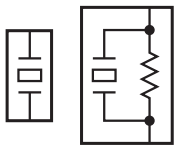
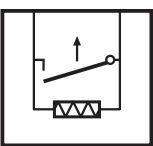


11. Fuse number consists of a fuse code and a sequential number. Code EF represents fuses in the engine compartment fuse and relay box; Code IF represents fuses in instrument panel fuse and relay box. For details, please refer to fuse table.
12. A relay is represented by two capital English letters. Code ER represents relays in the engine compartment fuse and relay box; Code IR represents relays in the instrument panel fuse and relay box. For details, please refer to the relay table.
13. Filling grey shade means the electronic component, P04 represents the wiring harness connector code.
14. Circuit differences in different models, engines or specifications are noted by dashed lines and texts beside the circuit.




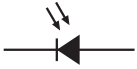

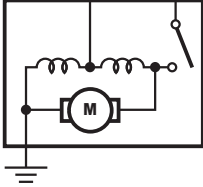


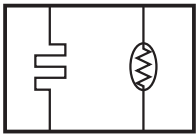



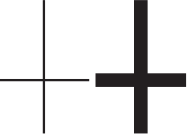


15. The 8-shaped symbol between wiring harnesses represents Unshielded Twisted Pair (UTP), which is used for sensor signal or data communication.



	Grounding		Normal Close Relay		Battery
	Temperature Sensor		Normal Open Relay		Capacity
	Solenoid Valve		Double-throw Relay		Cigarette Lighter
	Solenoid Valve		Resistor		Antenna
	Small Load Fuse		Potentiometer		Normal Open Switch
	Medium Load Fuse		Variable Resistor		Normal Close Switch
	Large Load Fuse		Ignition Coil		Double-throw Switch
	Heater		Knock Sensor		Airbag

A6200001

	<p>Diode</p>		<p>Bulb</p>		<p>Twisted-pair Wire</p>
	<p>Photo Diode</p>		<p>Horn</p>		<p>Starting Motor</p>
	<p>Light Emitting Diode</p>		<p>Spiral Cable</p>		<p>Oxygen Sensor</p>
	<p>Motor</p>		<p>Limit Switch</p>		<p>Connected Intersect Circuit</p>
	<p>Unconnected Intersect Circuit</p>				

A620002

Diagnostic Procedure

Refer to the following procedures for circuit fault diagnosis:

1. Confirm Fault

To do proper repair, confirm the fault symptoms described by the customer first. Inspect the relevant component carefully to confirm fault symptoms and make record. DO NOT disassemble the component before confirmation of the fault scope and causes.

2. Read Wiring Diagram and Analyze Causes

Make a complete analysis and judgment on the fault components from power supply to grounding according to the sub-system wiring diagram and determine the repair solution. If it cannot be determined, please read the system description in the "Description and Operation" section in the repair manual to understand the working principle. And inspect other circuits that has common part with the fault circuit, for example, the fuse, grounding, switch, etc. Inspect the common circuit not covered in step 1. If other components in the common circuit work properly, it means the fault exists in its own circuit. Otherwise, the fuse or grounding may have faults.

3. Inspect Circuits and Components

Always use the wiring diagram together with repair manual and refer to the diagnostic procedure for circuits and components in the repair manual. For the circuit with a control module, fully use diagnostic tools to do the test. Effective diagnosis should be a logical and reasonable operation. Fully use the diagnostic procedures in the repair manual and start the inspection from the most likely causes and the components with easiest inspection way.

4. Repair Fault

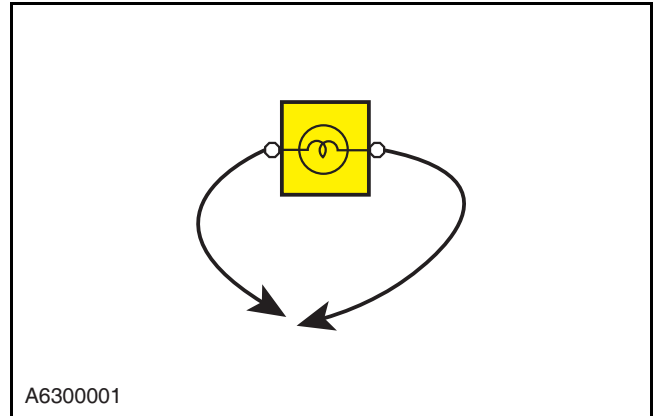
Repair the fault. Refer to the wiring diagram and the description for fault treatment in repair manual. For example, the diagnostic procedure for poor grounding and the wiring harness connector treatment.

5. Confirm Circuit Working Condition

After repair, all functions should be reinspected to confirm that the fault is repaired. For the fuse blown fault, inspect all the relevant circuits sharing this fuse.

Diagnostic Tools

1. Voltmeter and Test Lamp

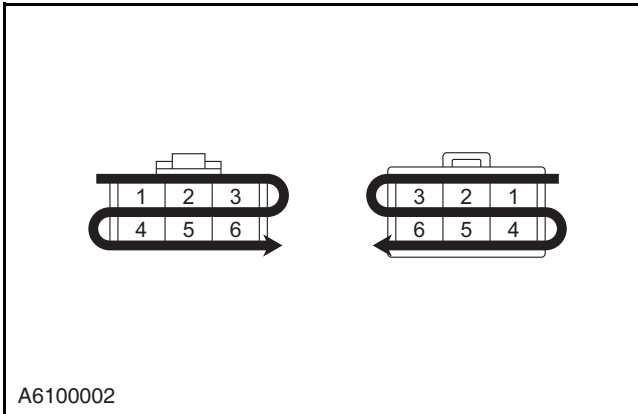


Use test lamp or voltmeter to inspect the circuit status. Check for voltage. Test lamp comprises a pair of wiring harnesses and a 12 V bulb. When inspecting, connect one wiring harness to the ground and the other one to the certain measurement point. If the bulb is lit, it means the measurement point has power supply.

⚠ WARNING: When inspecting the electronic control module voltage, DO NOT use test lamp to inspect the module circuit. Otherwise it could damage the interior circuit inside the module. Please use a voltmeter with 10 MΩ or higher internal resistance (for example, to inspect the ECM voltage circuit).

Voltmeter has the same usage method as the test lamp, but voltmeter can show the voltage value of the circuit. Use a voltmeter with high impedance to test the voltage. If the circuit has poor connection, the voltmeter may show the normal value, but the voltage cannot drive the load successfully.

2. Self-powered Test Lamp and Ohmmeter

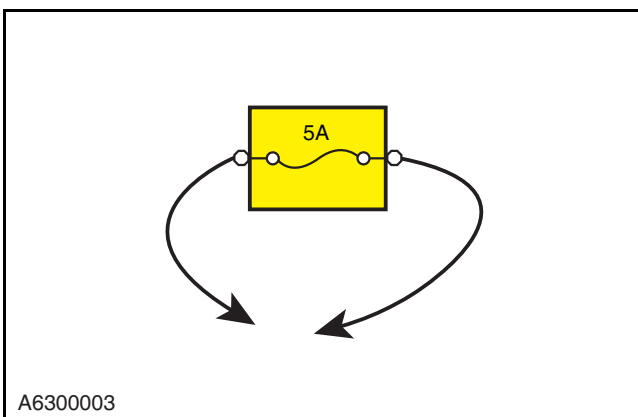


Use test lamp with own 12 V power supply or ohmmeter to inspect the circuit for continuity. Self-powered test lamp comprises a bulb, battery and a pair of wiring harnesses. The bulb will be lit when the two wiring harnesses are connected. Before testing, disconnect the negative battery cable and pull out the fuse of the circuit. To test the circuit for continuity, connect two wiring harnesses to the two measurement points. If the bulb is lit, it means the circuit is normal.

WARNING: DO NOT use self-powered test lamp to inspect the control module. Otherwise, it could damage the interior circuit inside the control module. Please use a ohmmeter with 10 MΩ or higher internal resistance.

Ohmmeter has the same operation method as voltmeter, but ohmmeter can show the resistance value. The lower resistance, the better continuity.

3. Jumper Wire with Fuse

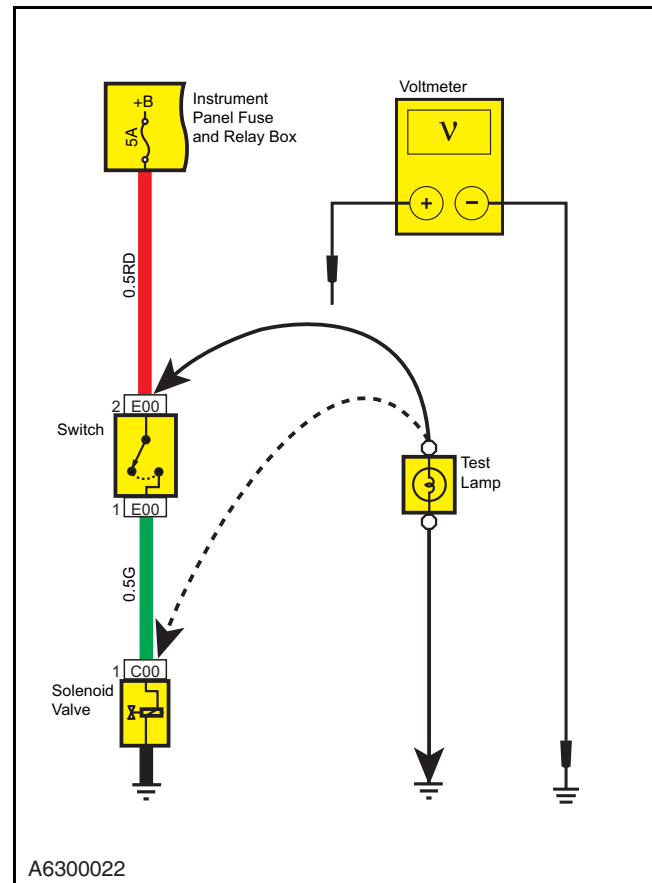


Use jumper wire to test a broken point for open loop circuit (circuit open). The jumper wire is a tool that should be in tandem with the circuit.

WARNING: To protect the circuit to be inspected, DO NOT use the fuse higher than the rated capacity of circuit to inspect relevant circuits. DO NOT use the jumper wire as the input or output signal when a control module such as ECM or TCM is in the circuit. Otherwise, it could damage the interior circuit inside the control module.

Fault Testing

1. Voltage Testing

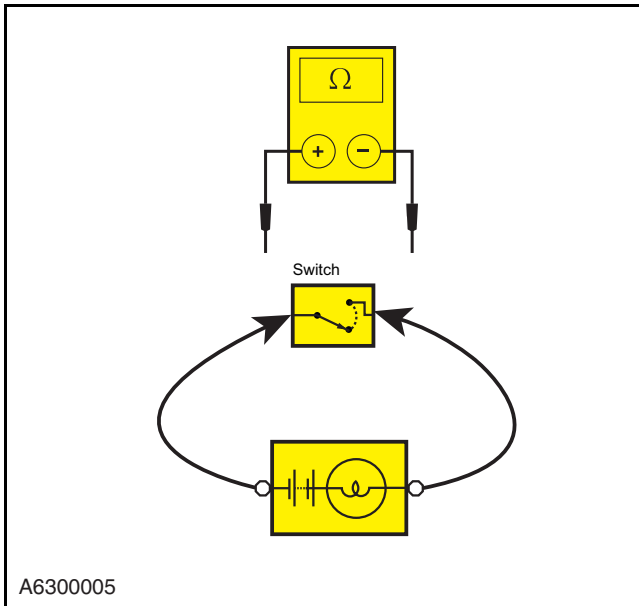


Voltage testing is to test the voltage at a certain point. When testing a certain connector terminal, insert the positive probe of circuit testing tool from back of connector without disassembling wiring harness connector.

- 1 When testing the voltage with test lamp or voltmeter, connect the negative of testing tool to battery negative.

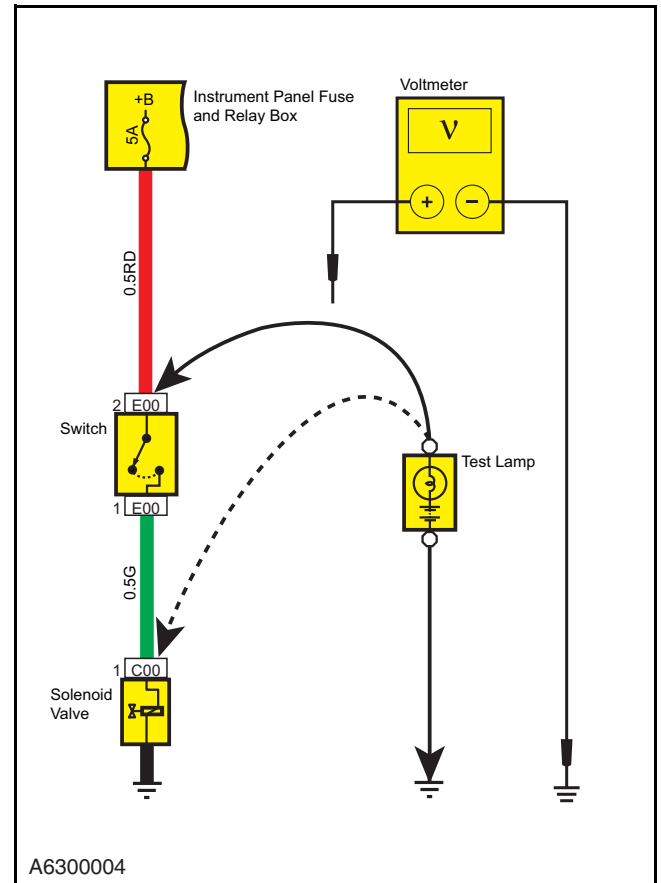
- 2 Connect the other end of wiring harness of the test lamp or positive probe of the voltmeter to the test position.
- 3 If a voltmeter is used and displayed voltage value is lower than the rated value at least 1 V, which means a circuit fault. It means a circuit fault if a test lamp is used and lamp is not lit.

2. Power Testing



- 1 Disconnect the negative battery cable.
- 2 Connect one wiring harness of the self-powered test lamp or the probe of the ohmmeter to the test component. When using ohmmeter, please connect the two probes each other and use reset button to adjust the ohmmeter to zero.
- 3 Connect the other wiring harness of the test lamp or probe of the ohmmeter to the other side of the test load.
- 4 If the bulb is lit, it means the circuit is normal. If an ohmmeter is used and the resistance value is very low or close to 0 Ω, it means the component has good continuity.

3. Short Circuit Testing

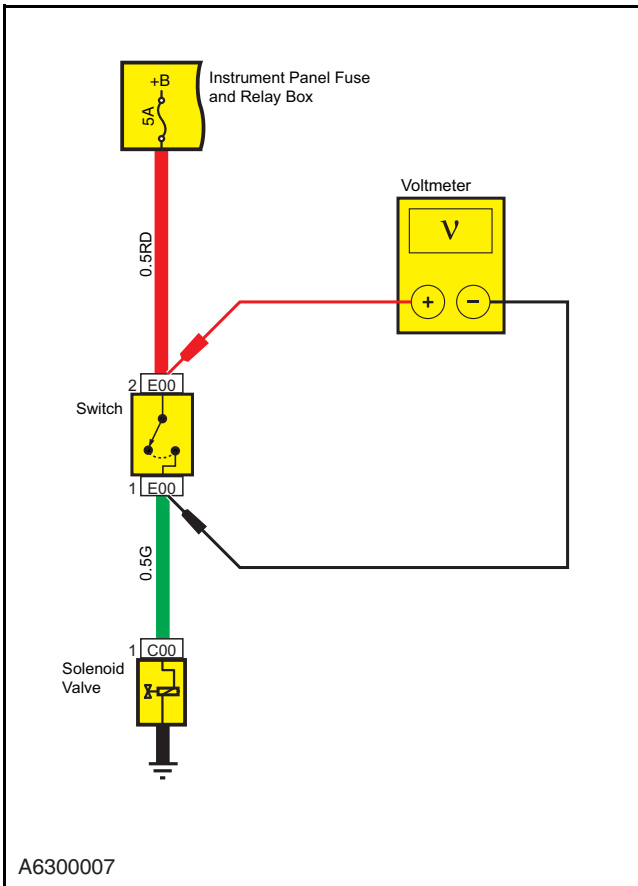


- 1 Disconnect the negative battery cable.
- 2 Connect one wiring harness of the self-powered test lamp or one probe of the ohmmeter to the output terminal of the fuse.
- 3 Connect the other wiring harness of the self-powered test lamp or other probe of the ohmmeter to the grounding.
- 4 Disconnect all the electrical loads related to the fuse.

⚠ CAUTION: If all the electrical loads related to the fuse are not disconnected, when testing the low resistance circuit such as lights, the ohmmeter will always display the low value. This will cause wrong judgment.

- 5 Do the careful inspection from the place closest to the fuse.
- 6 If the self-powered test lamp is lit or ohmmeter has value display less than 5 Ω, it means the short circuit to the ground.

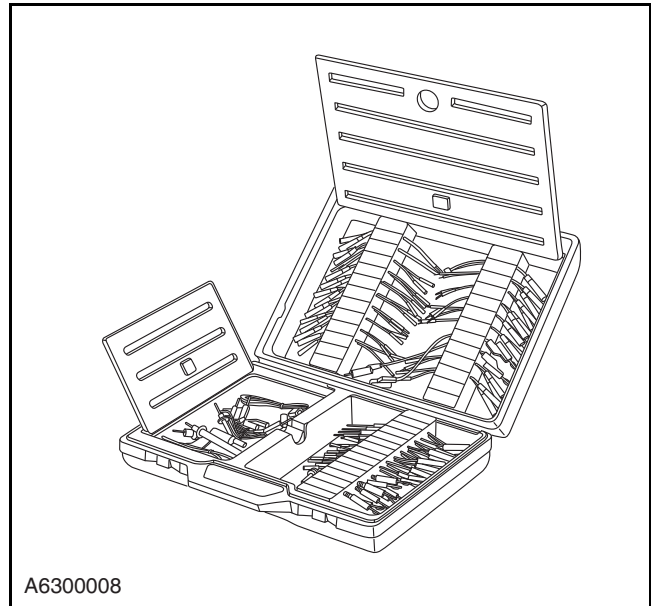
4. Voltage Drop Testing



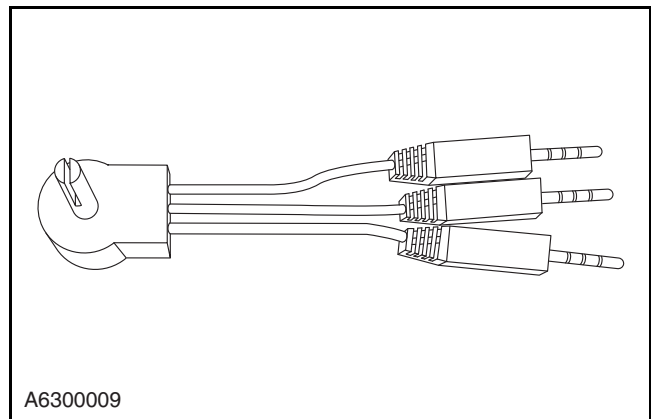
This is a test to inspect the voltage drop along the wiring harness, connector or switch.

- 1 Connect the positive probe of the voltmeter to one end of the circuit close to the battery (connector or switch side).
- 2 Connect the negative probe to the other end of the circuit (the other side of connector or switch).
- 3 Switch on or off to make the circuit work.
- 4 The voltmeter will display the voltage difference between the two test points.
- 5 If the voltage difference is more than 0.1 V (less than 50 mV for 5 V circuit), it means a circuit fault. Inspect for loose, oxidized or corrosive circuit.

Repair Tools

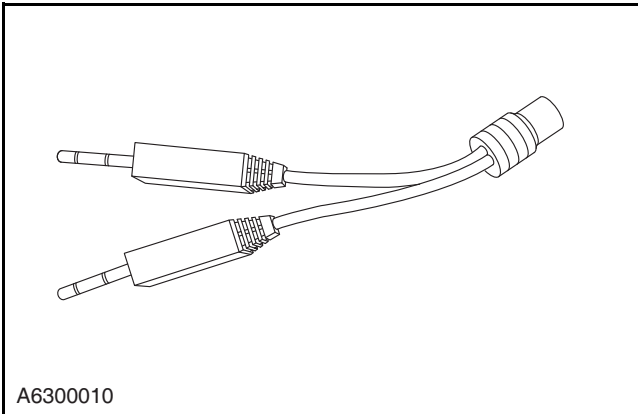


1. 5 kΩ Rheostat



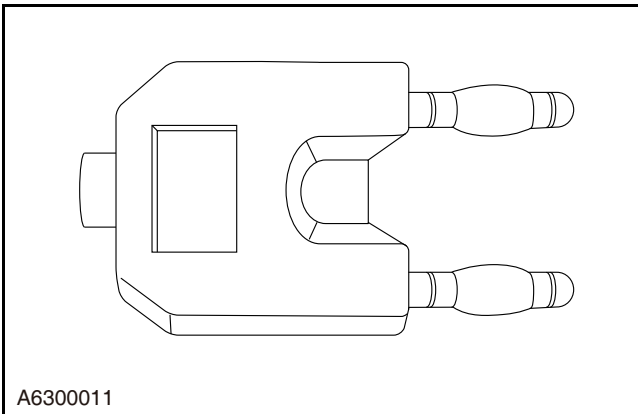
It can simulate each ohm-type sensor signal, such as coolant temperature sensor, air intake temperature sensor and so on. And help to make quick judgment on the performance of the component.

2. LED Test Lamp



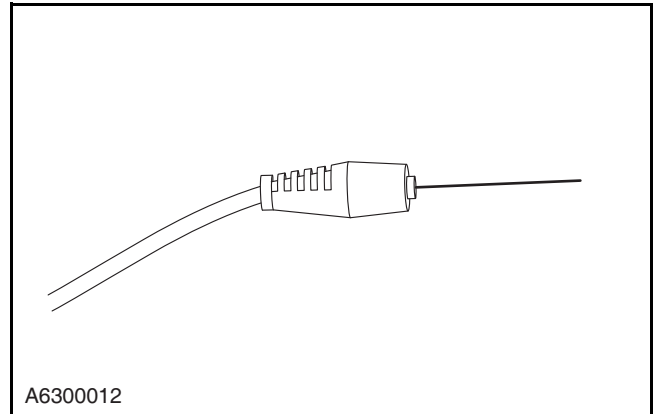
Bidirectional two-color LED lamp can change its color when exchanging the positive and negative. This feature can be used to test the PWM control signals of Hall sensor.

3. Airbag Test Tool



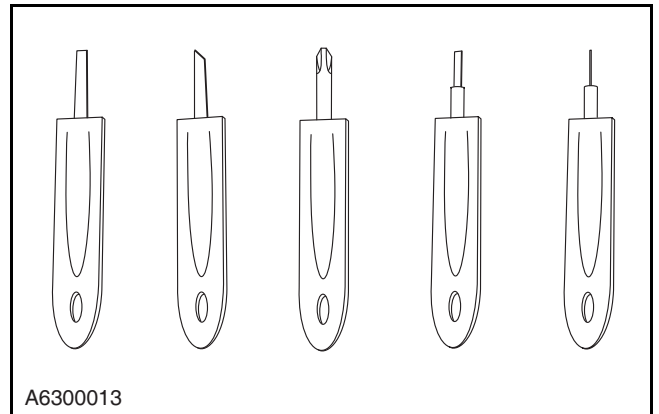
Before installing a new airbag after airbag system fault or vehicle accident, install this tool to the airbag system, and use diagnostic tools to confirm that the airbag system works properly. After that, install the new airbag. This process can guarantee a safe airbag operation.

4. Probe



When testing a system component, insert it from back of the wiring harness connector directly without breaking the wiring harness, to reduce man-made fault.

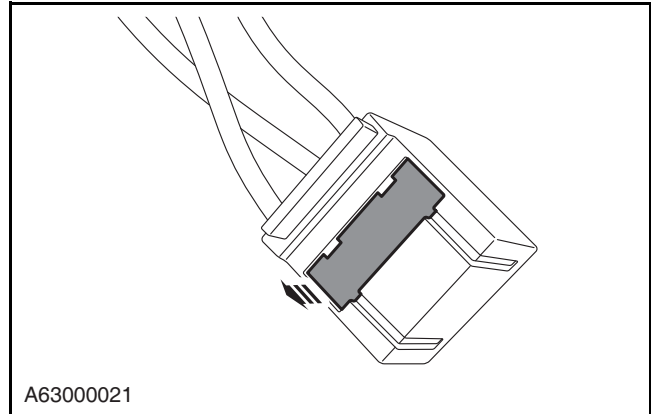
5. Terminal Repair Tool



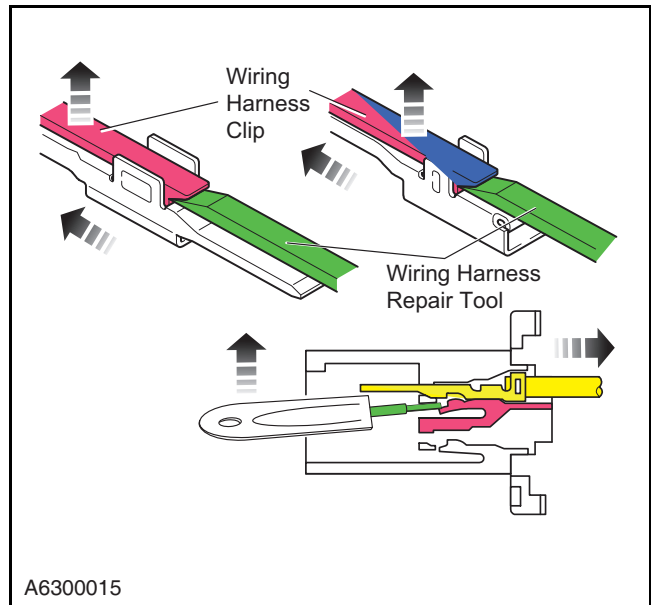
When maintaining and repairing certain terminal, use this tool to separate them from the connector.

Wiring Harness Terminal Repair

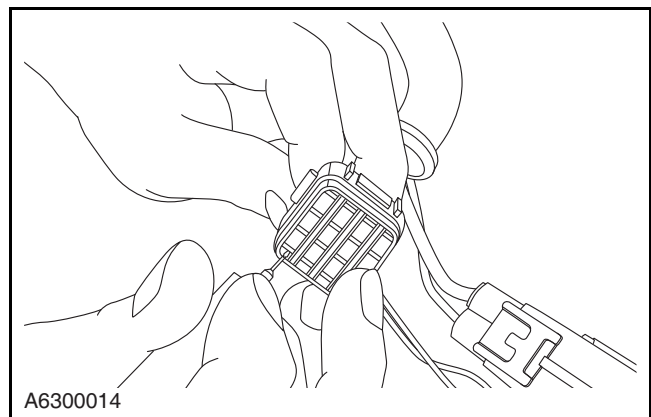
1. Remove the terminal pin.



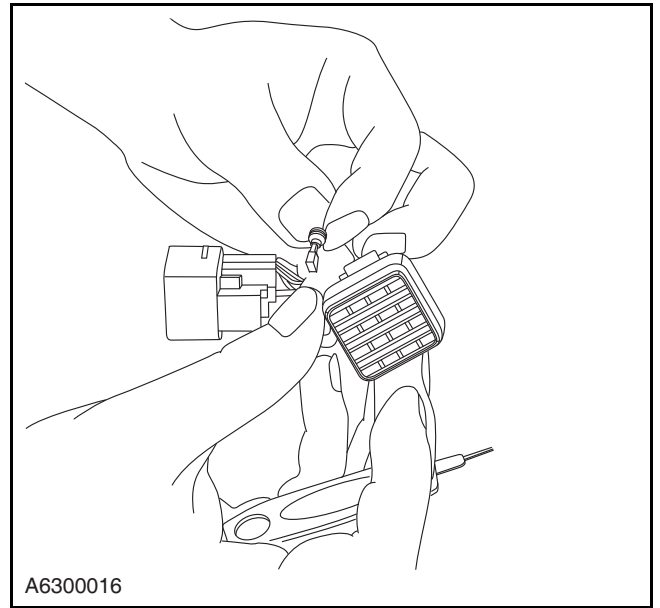
2. Separate the wiring harness clip with wiring harness repair tool.



3. Pull out the wiring harness terminal from the rear of connector.

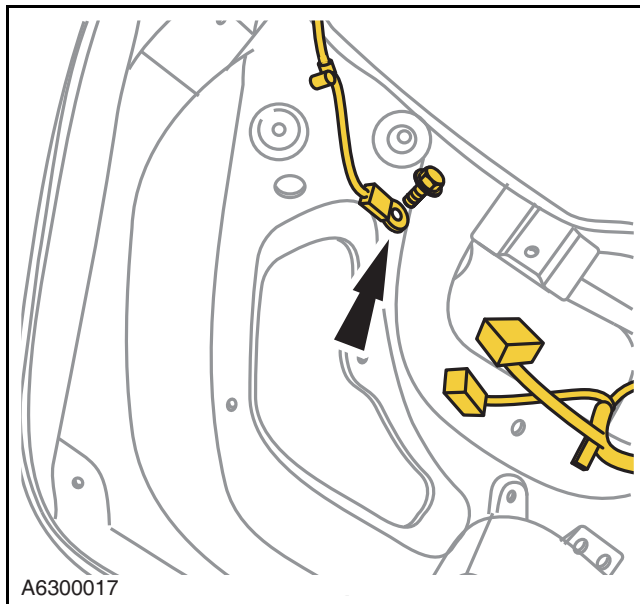


4. Adjust and clean the wiring harness terminal contact plate pulled out from connector.

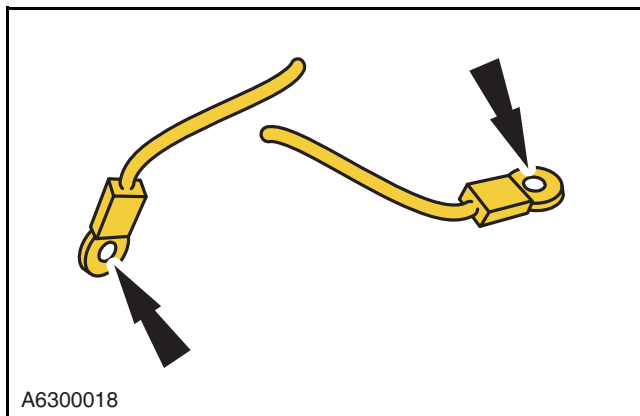


Poor Grounding Connection Repair Procedure

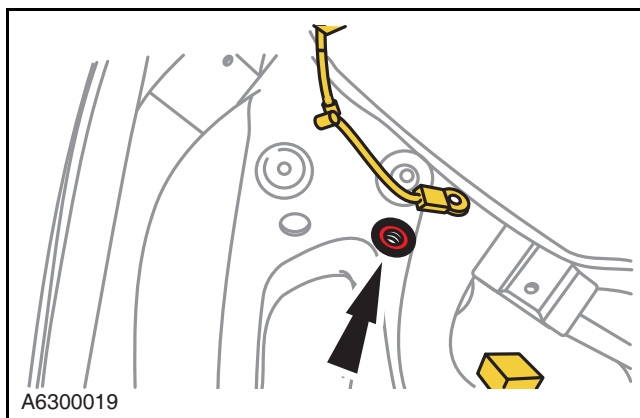
1. Remove the grounding bolt.



2. Clean the two surfaces (both vehicle contact side and bolt side) of the copper ring with abrasive cloth until the oxide is completely cleared.



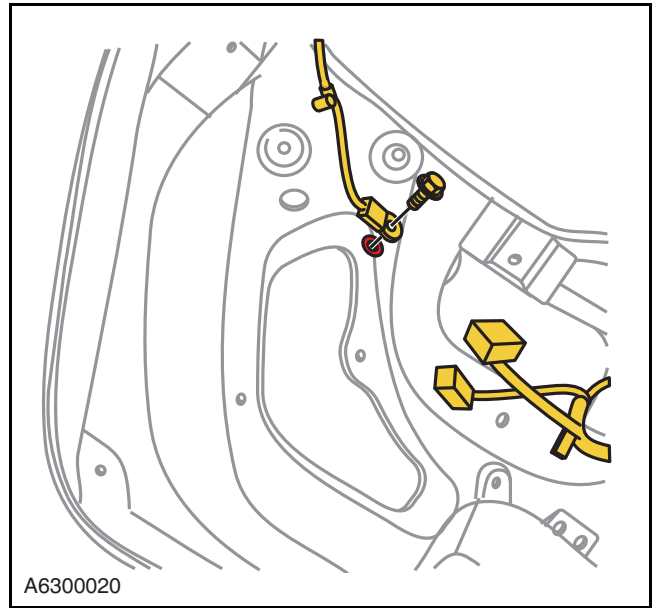
3. Clean the grounding surface on the vehicle with abrasive cloth until it is completely cleaned.



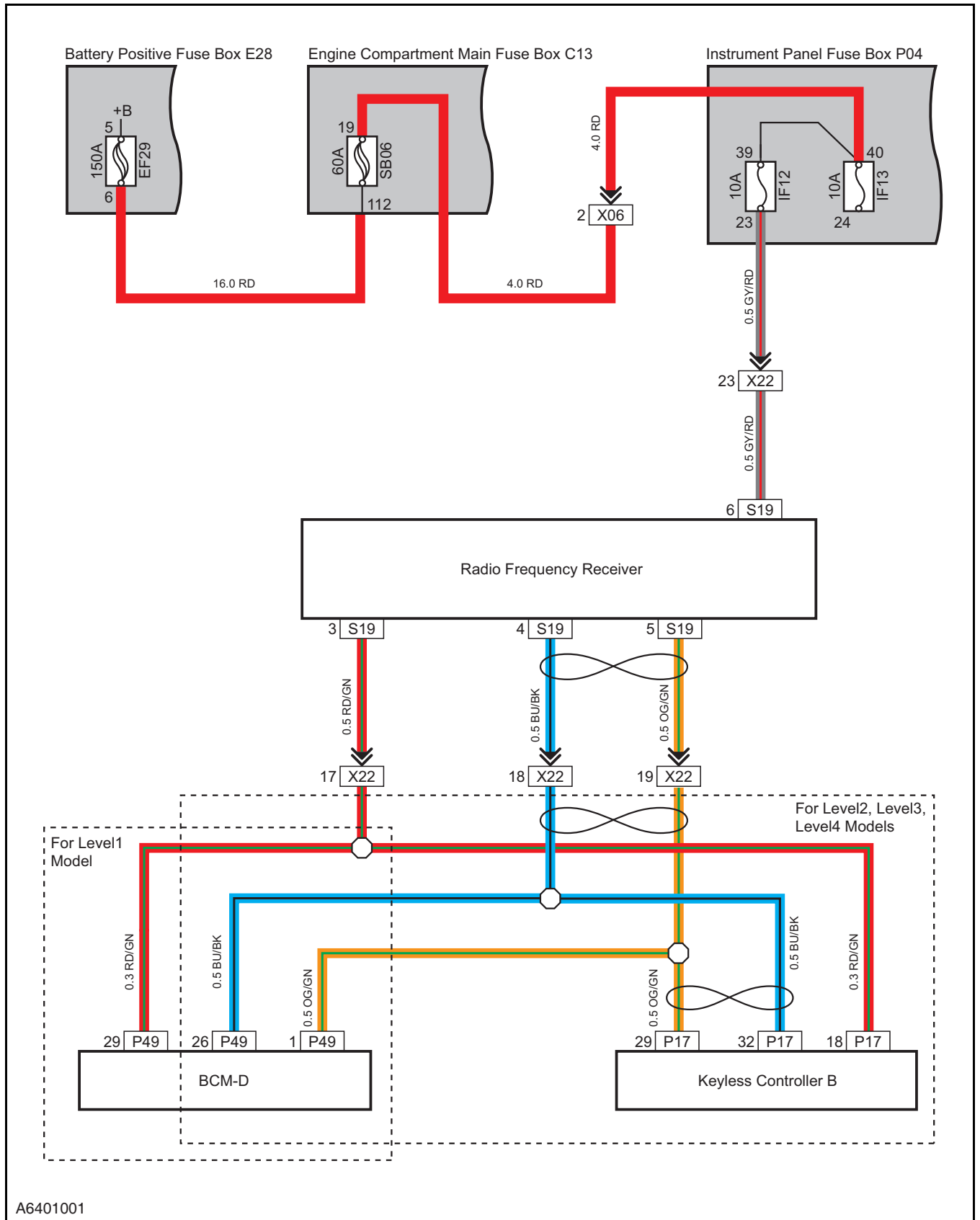
4. Reinstall the wiring harness and retaining bolt of grounding. Tighten it to specified torque.

Torque for M6 bolt: 8 Nm

Torque for M8 bolt: 20 Nm

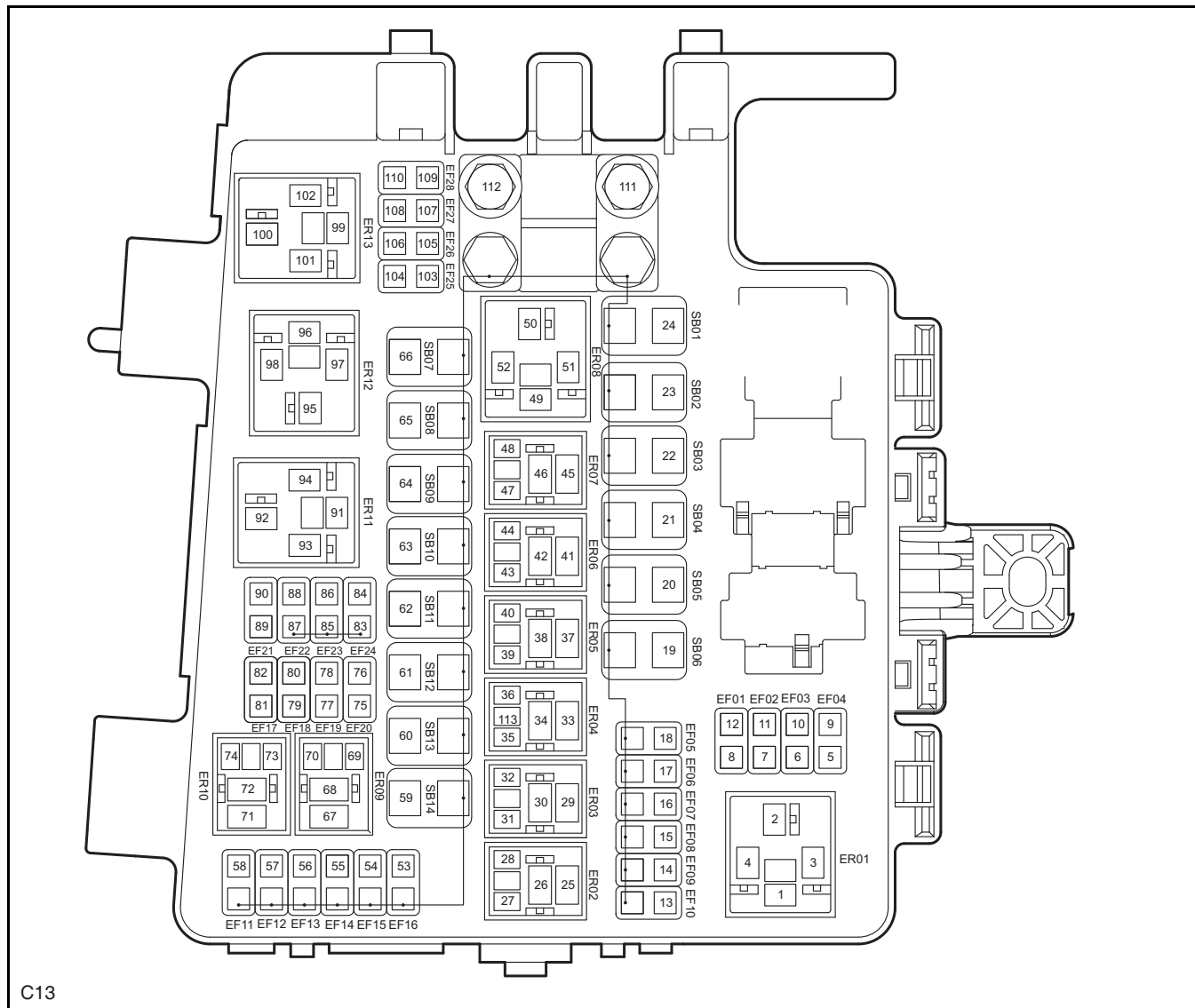


Tire Pressure Monitoring

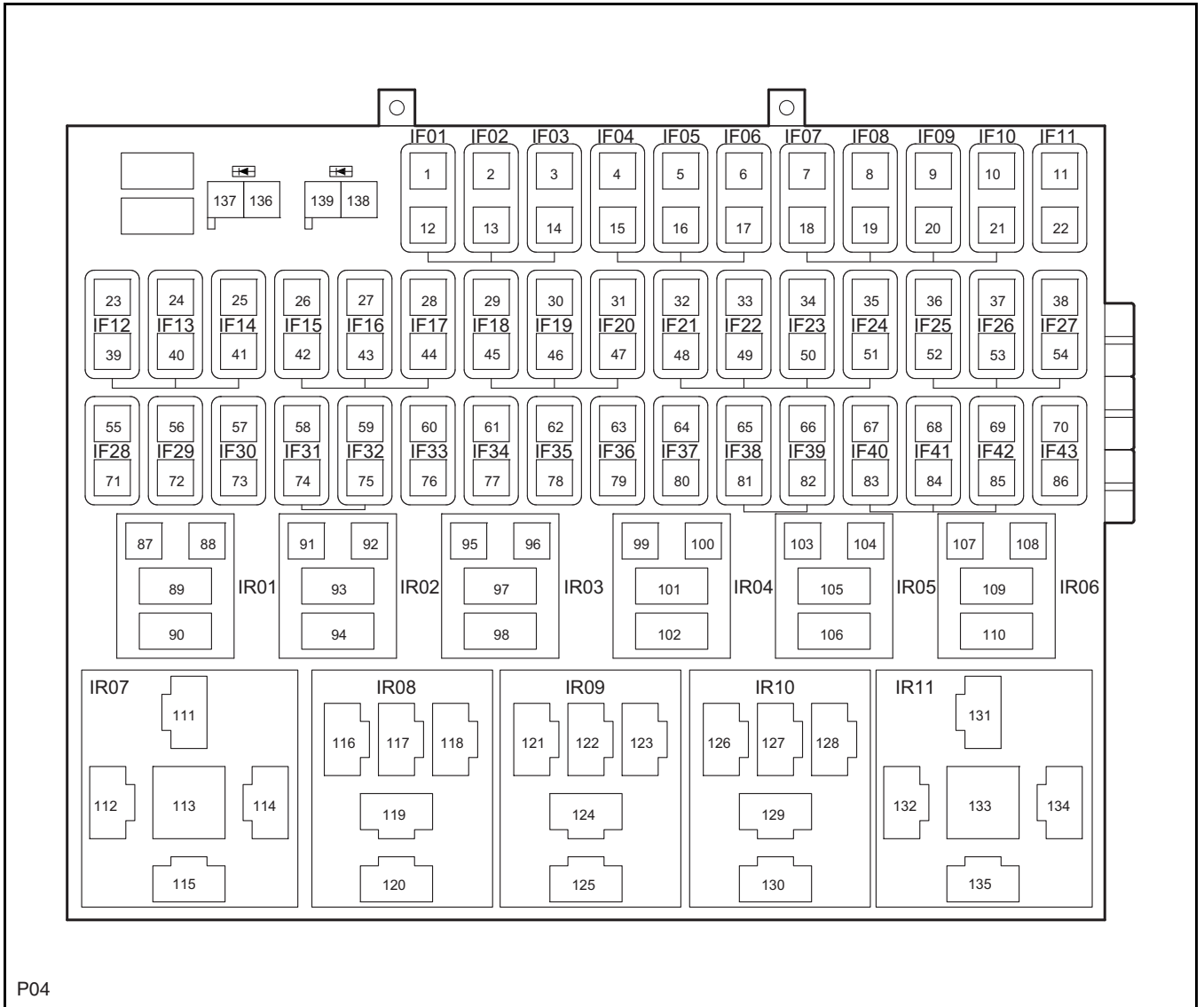


A6401001

Engine Compartment Main Fuse Box

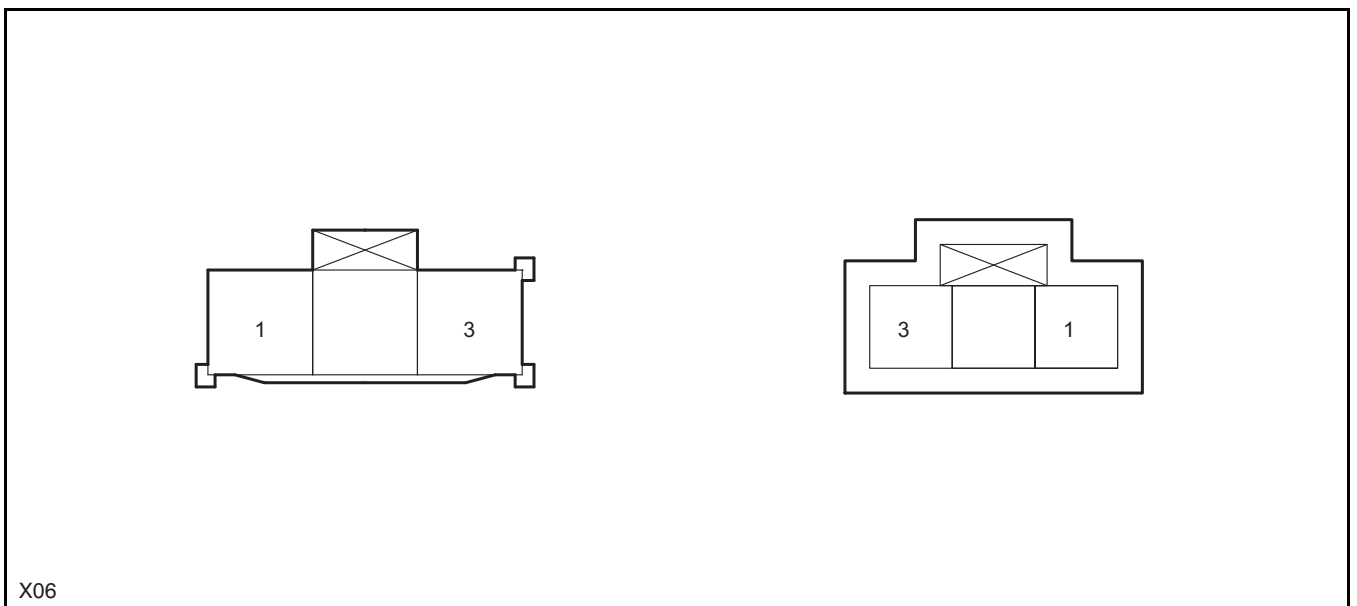


Instrument Panel Fuse Box



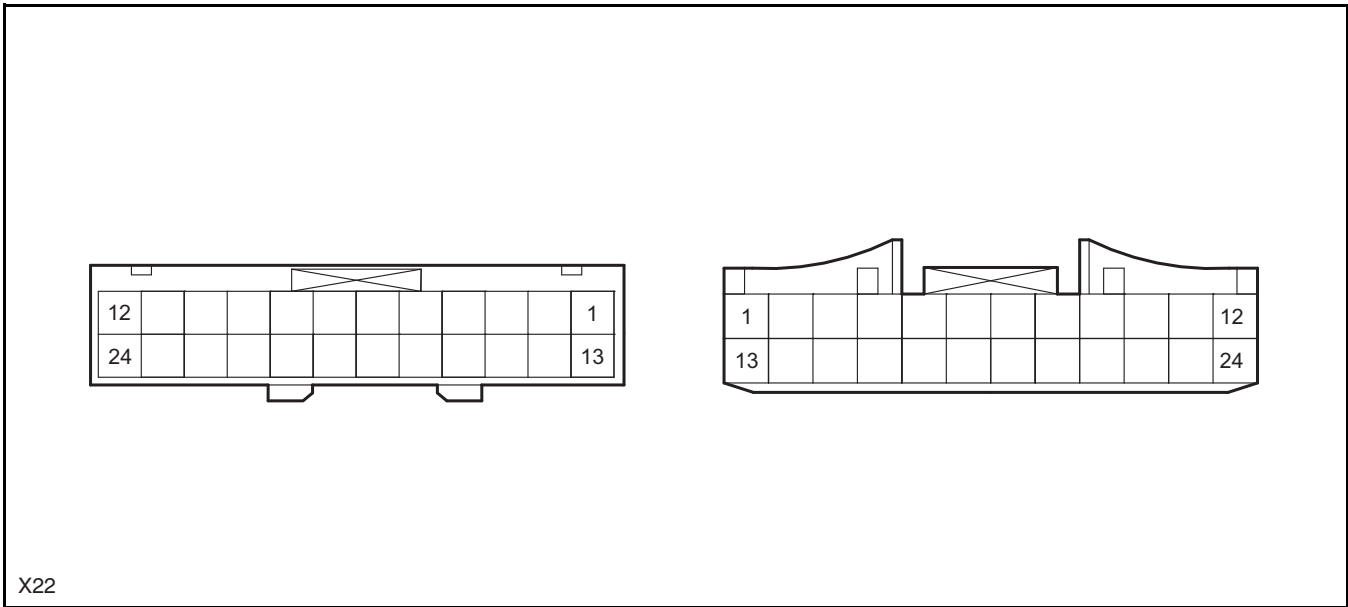
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



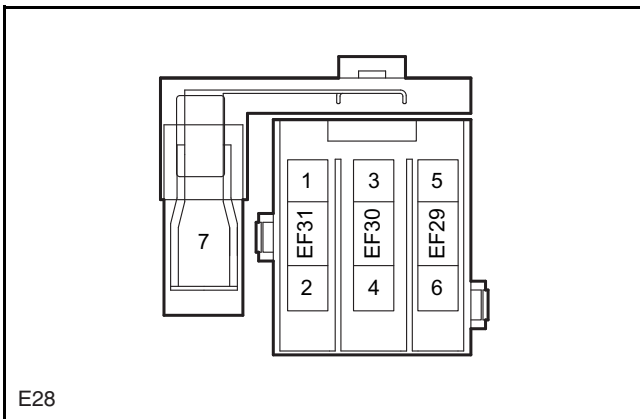
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2

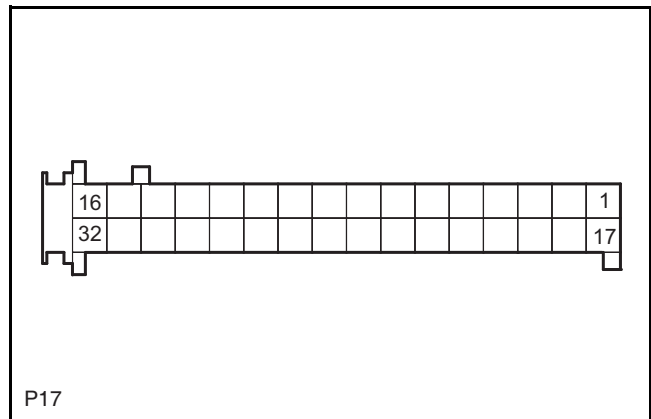


Battery Positive Fuse Box

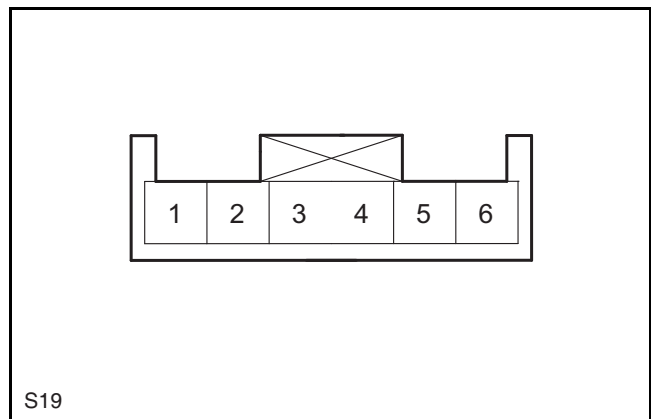
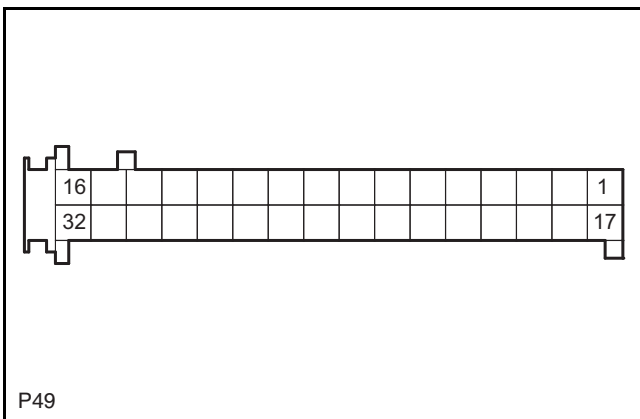
Keyless Controller B



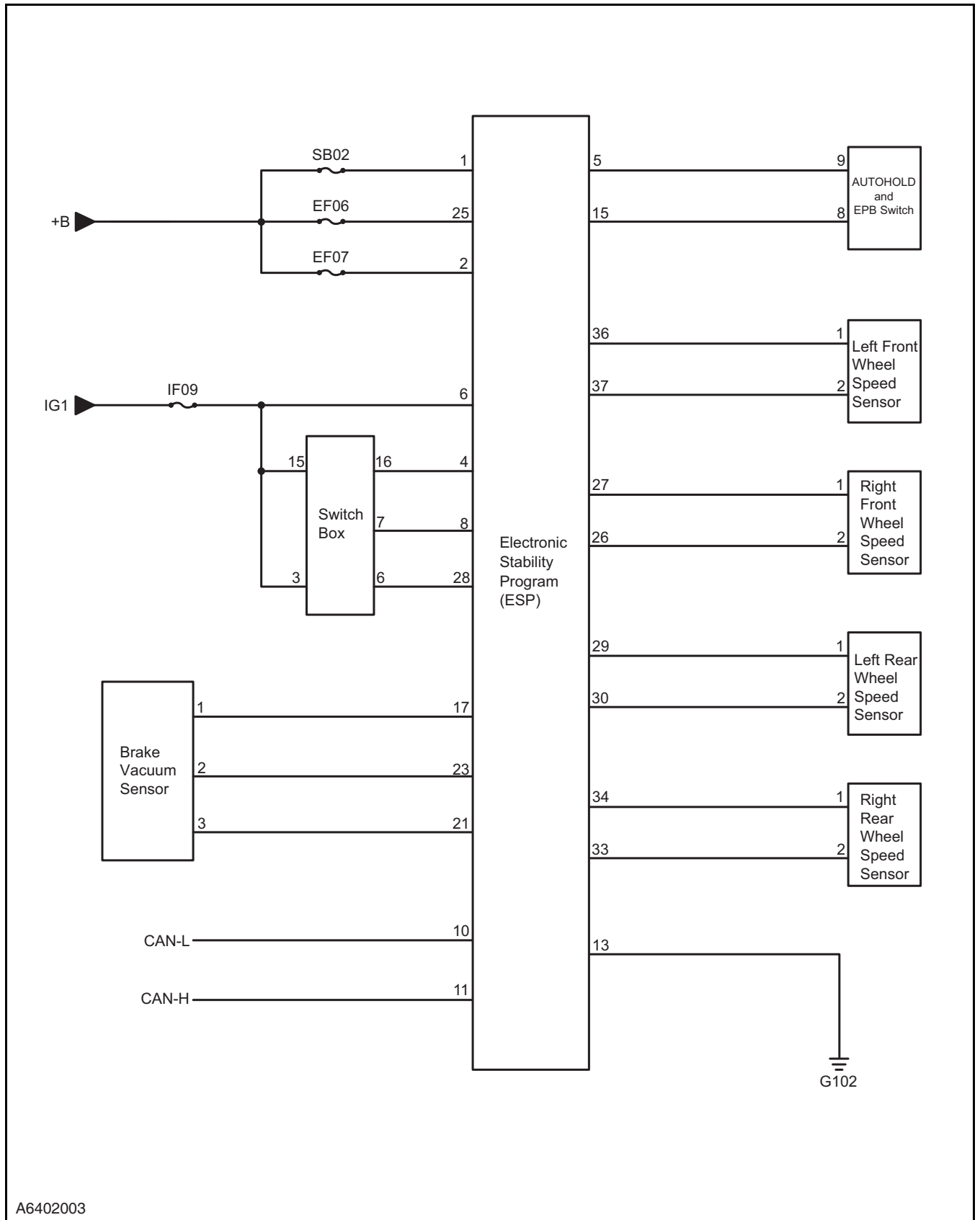
BCM-D



Radio Frequency Receiver

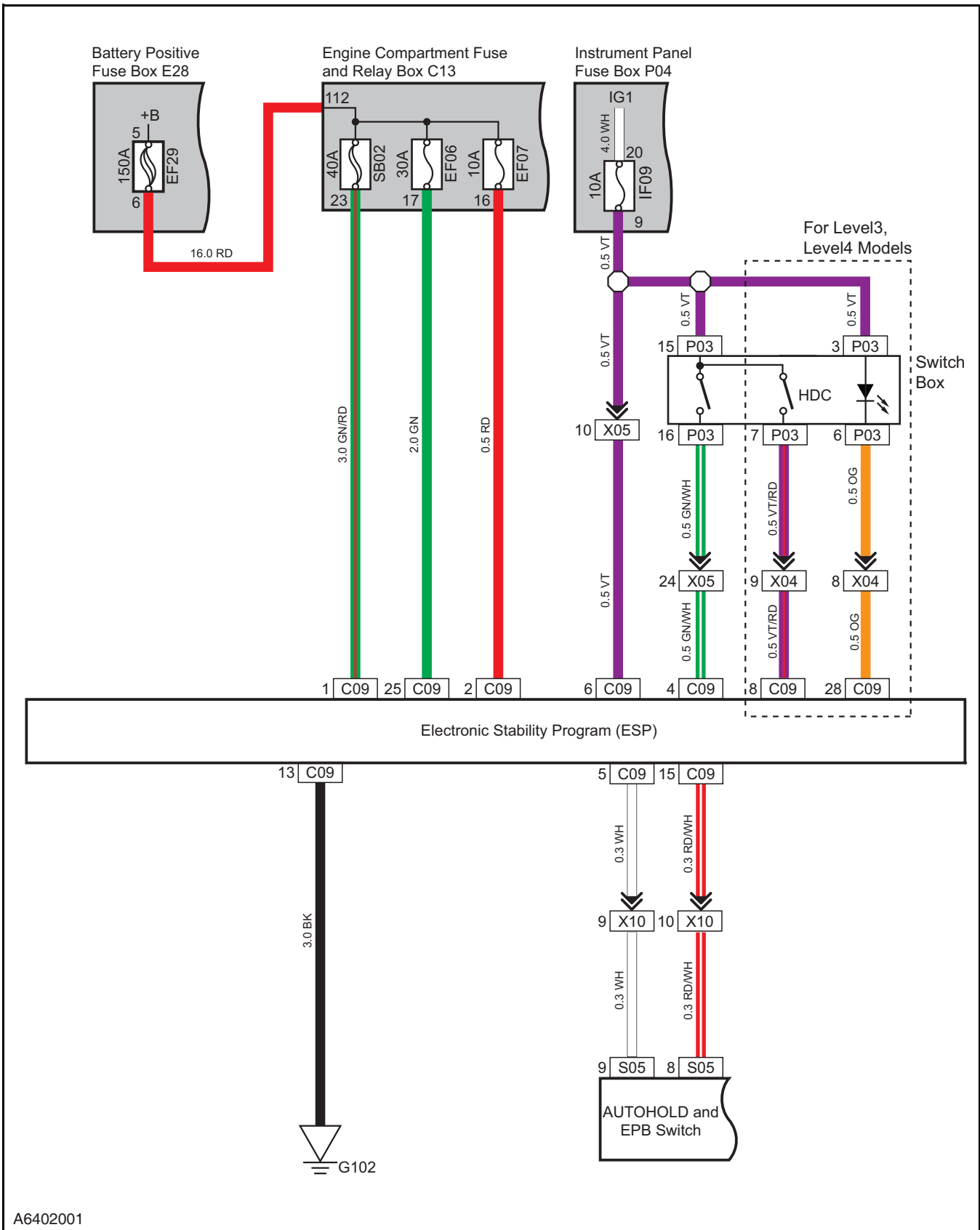


Electronic Stability Control System



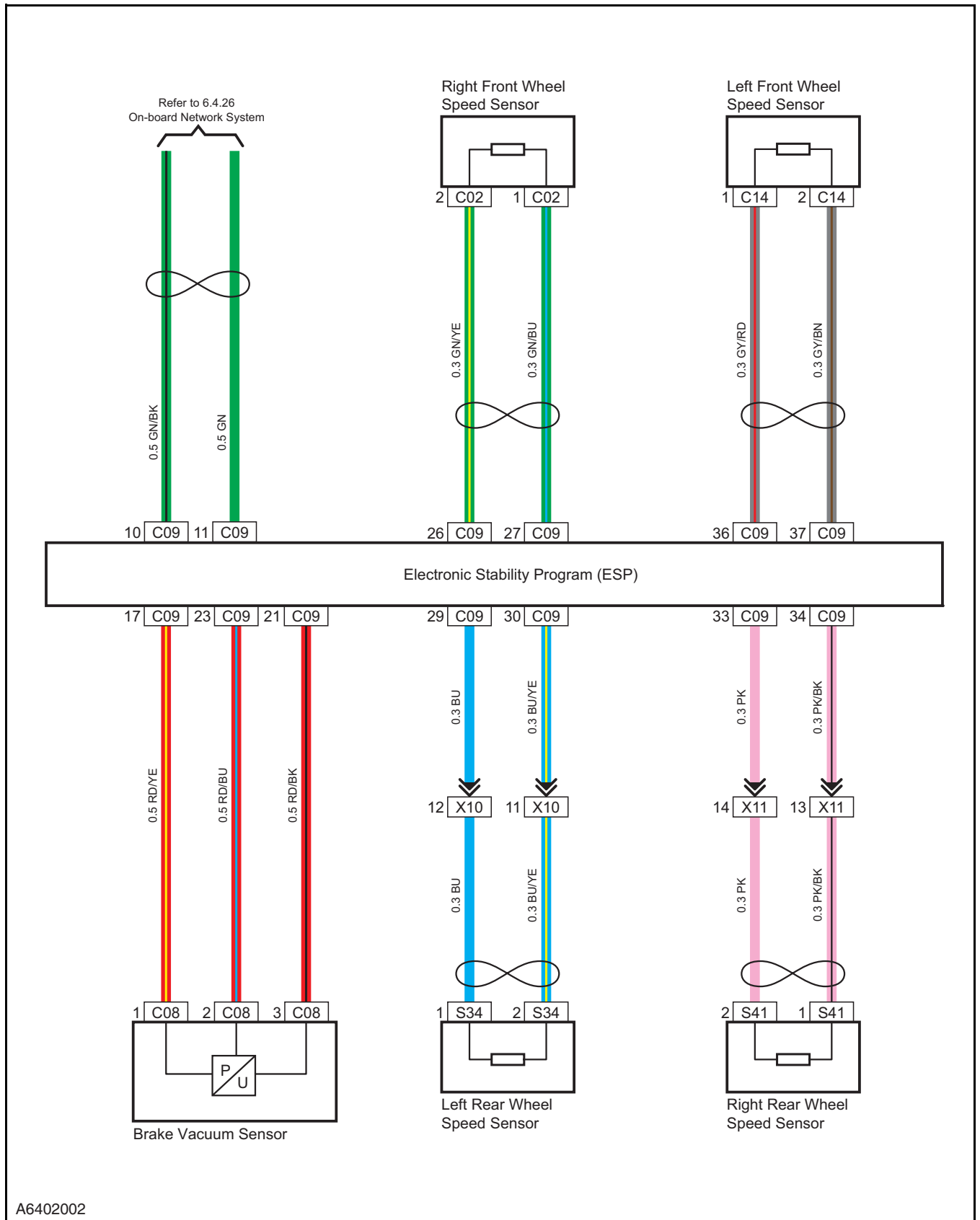
A6402003

Power Supply/Switch



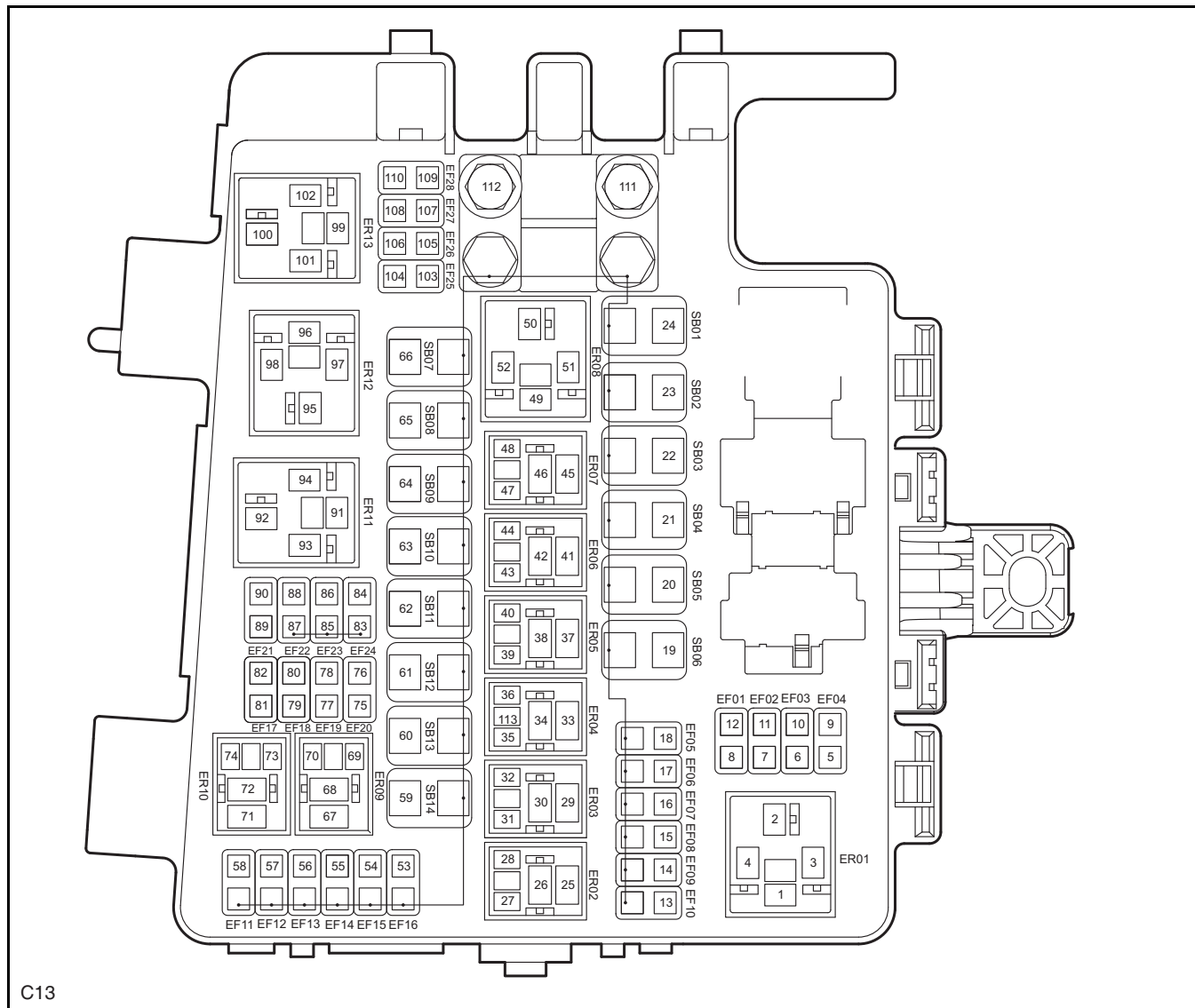
A6402001

Sensor



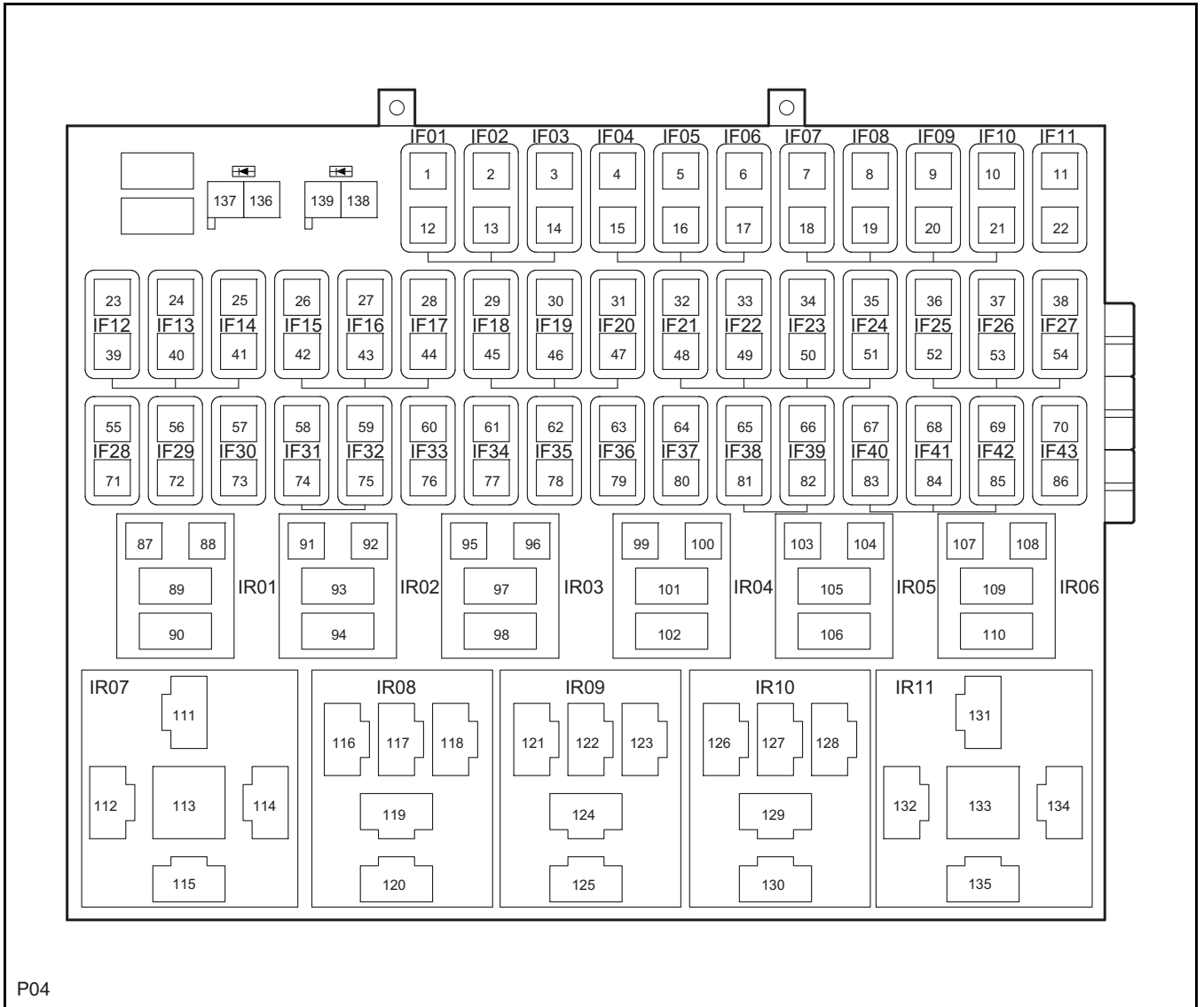
A6402002

Engine Compartment Main Fuse Box



C13

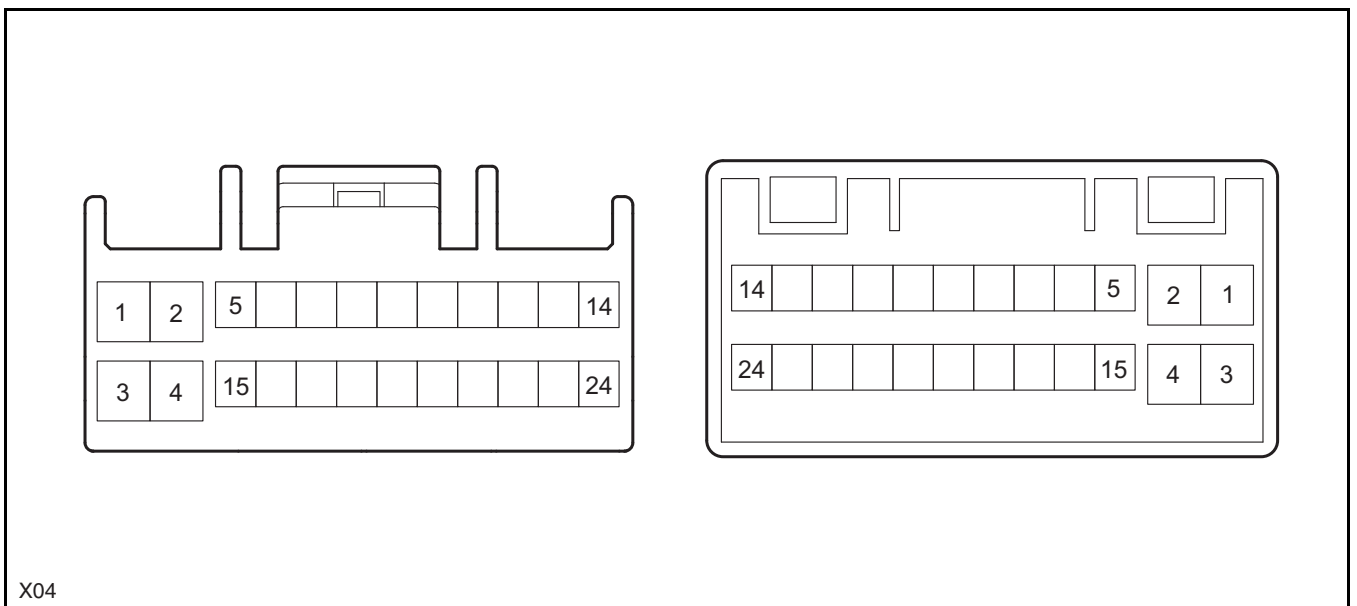
Instrument Panel Fuse Box



P04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 1

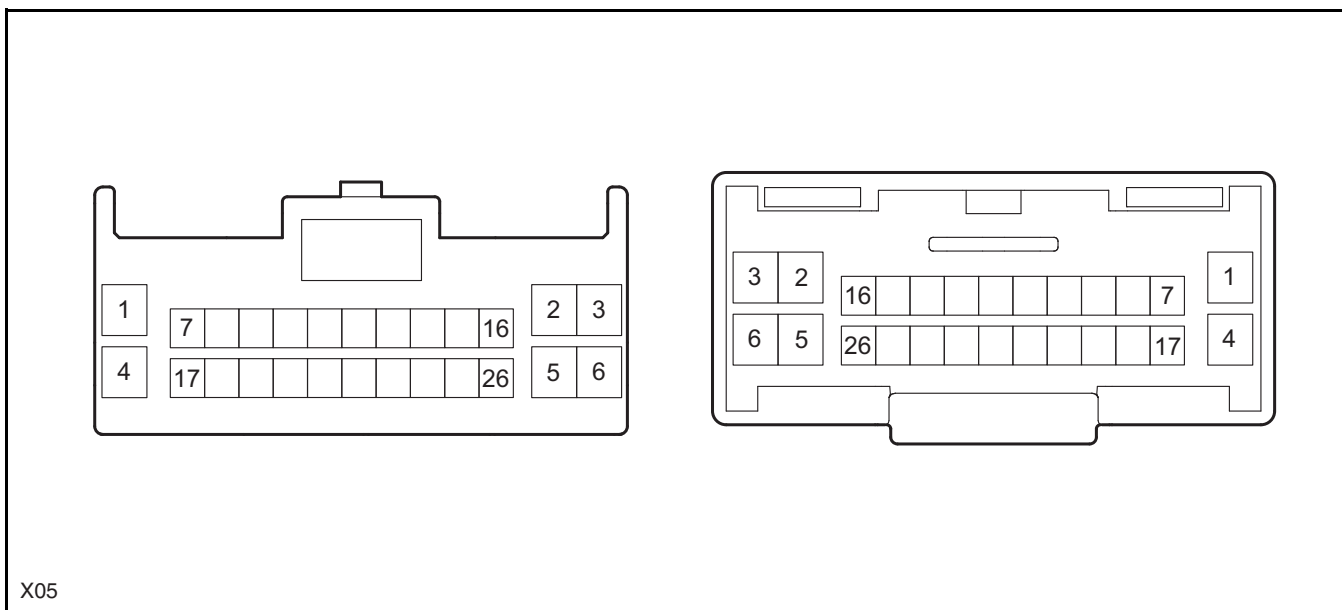
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 1



X04

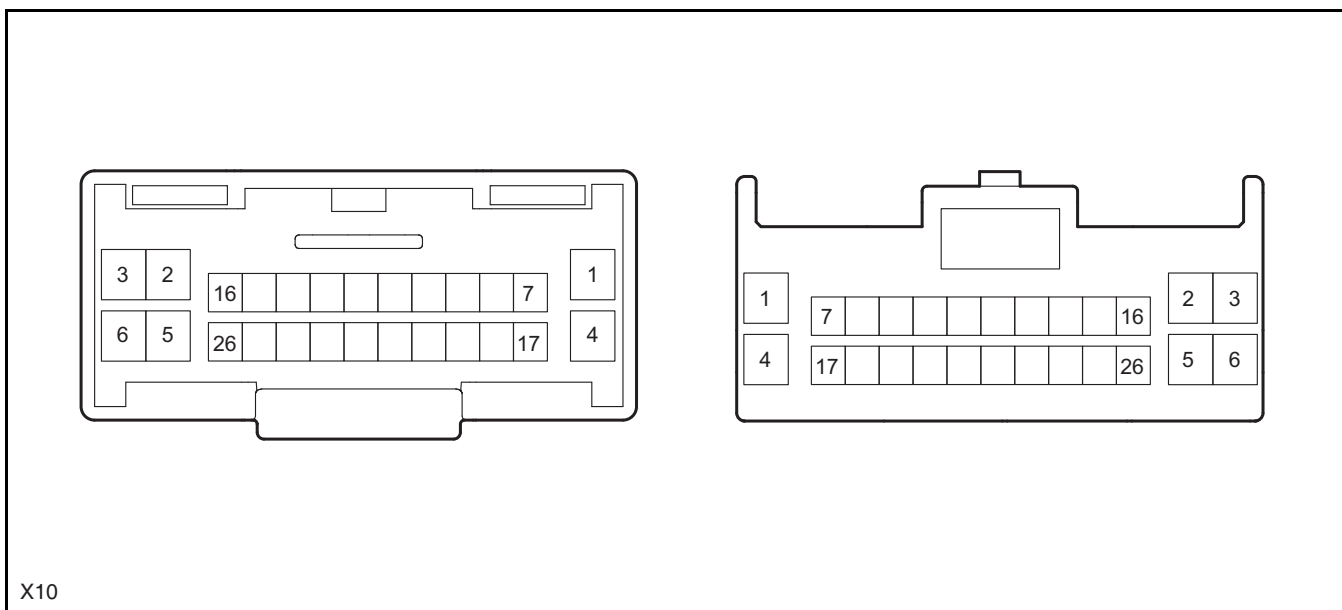
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



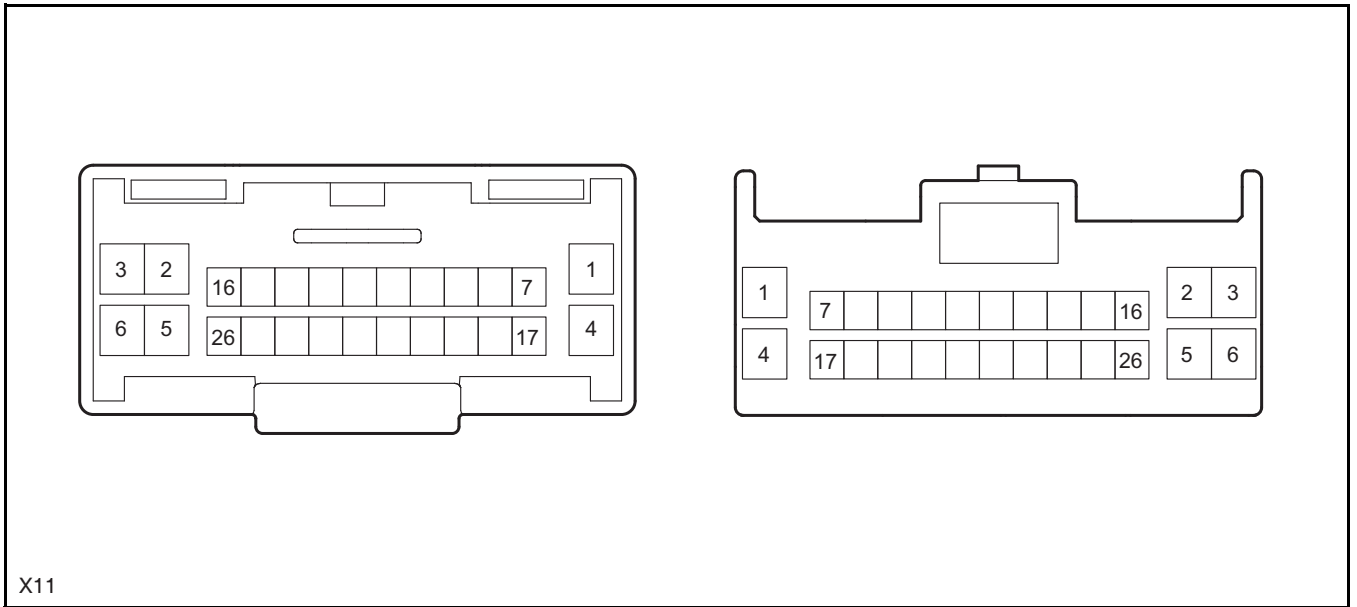
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Left

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Left



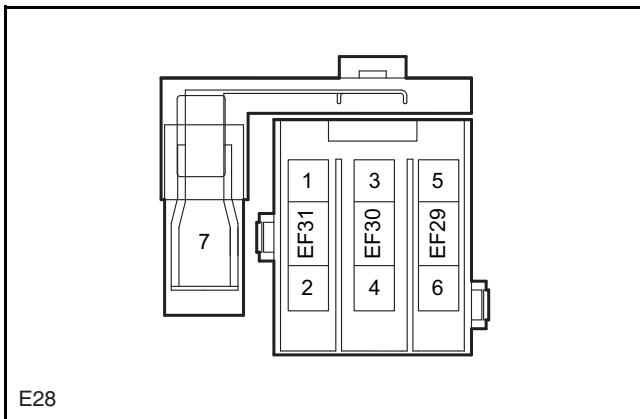
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Right

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Right

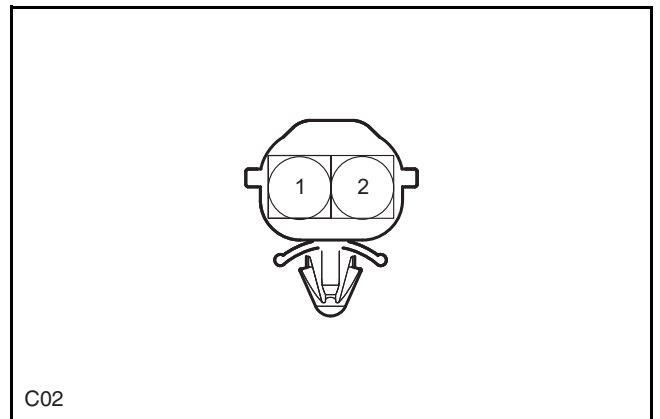


Battery Positive Fuse Box

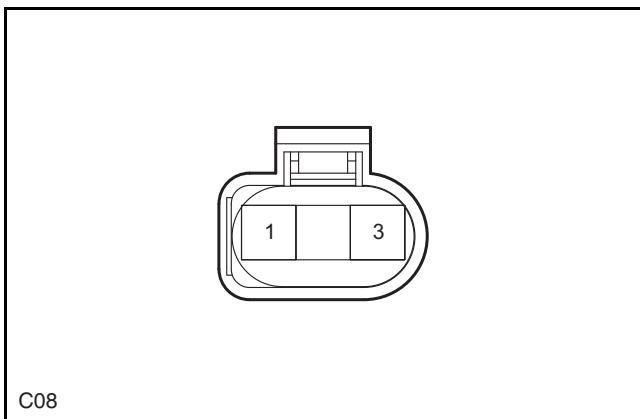
Right Front Wheel Speed Sensor



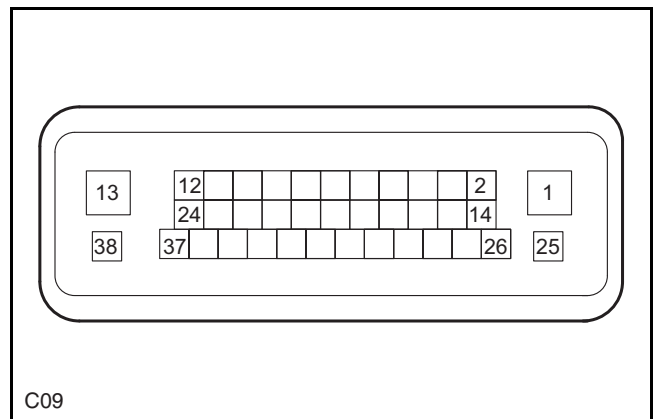
Brake Vacuum Sensor



ESP

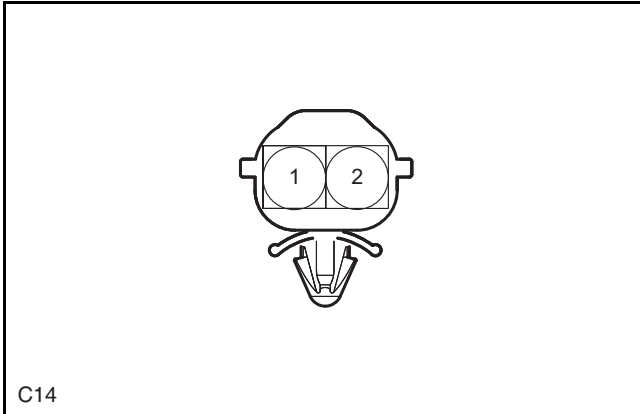


C08

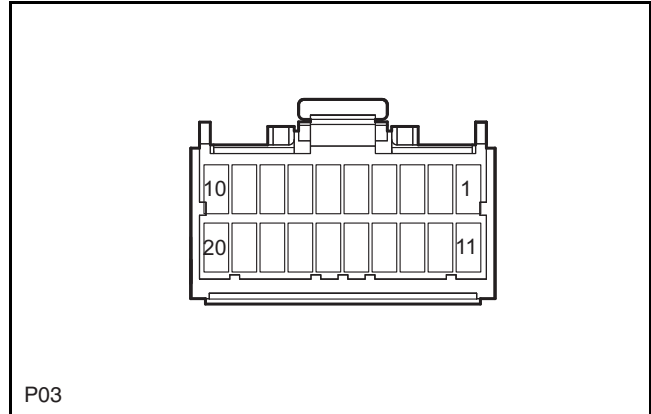


C09

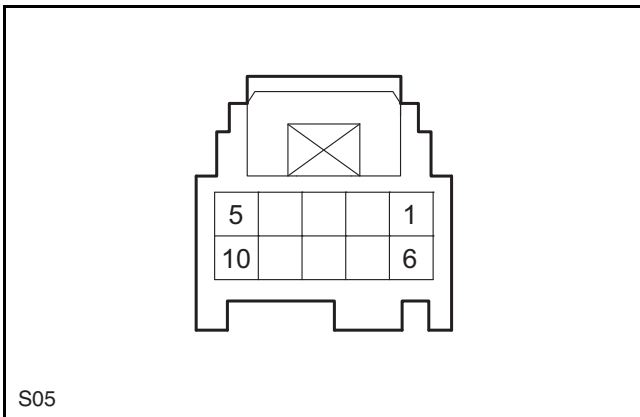
Left Front Wheel Speed Sensor



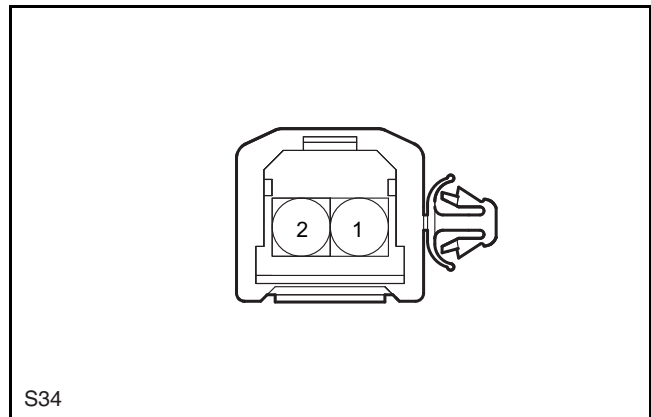
Switch Box



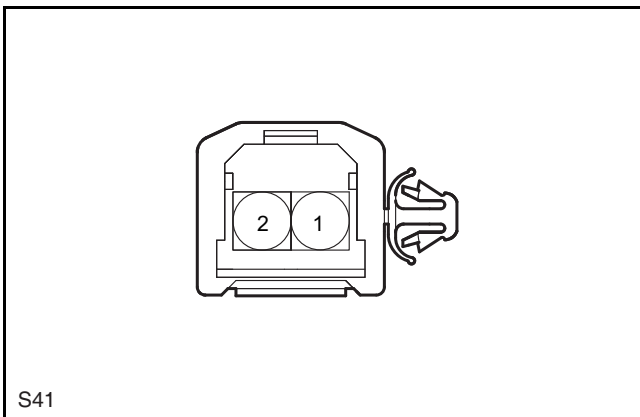
AUTOHOLD and EPB Switch



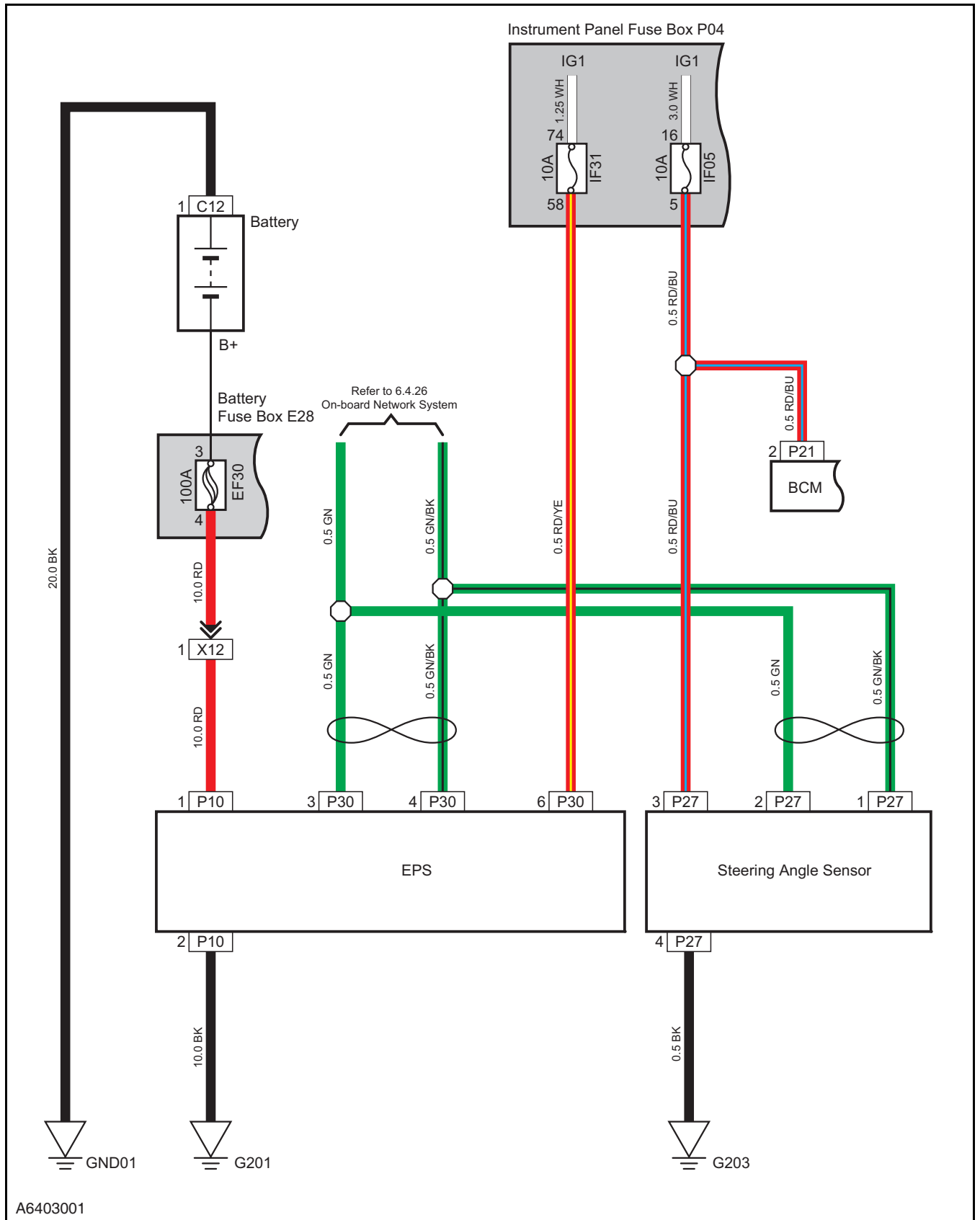
Left Rear Wheel Speed Sensor



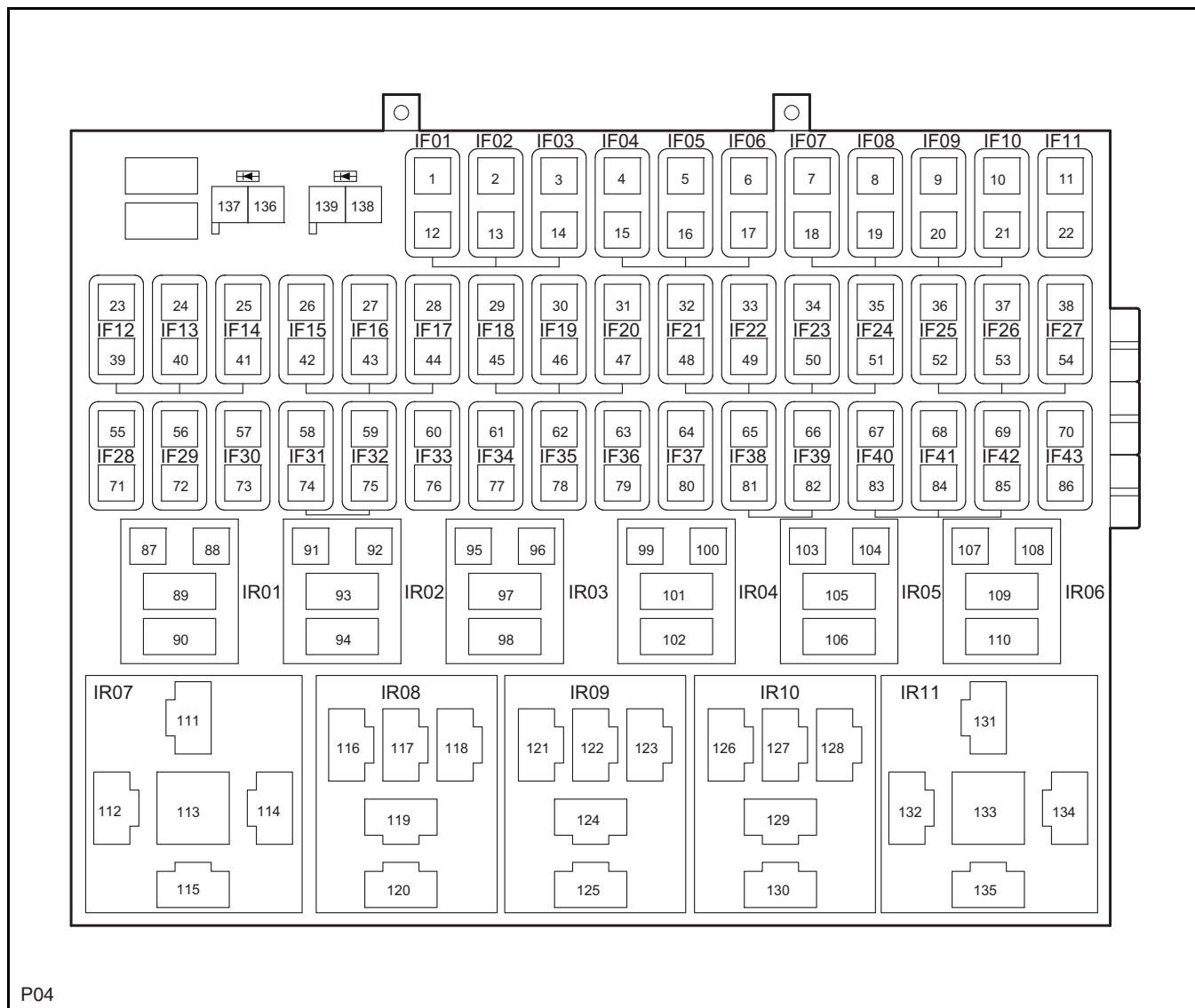
Right Rear Wheel Speed Sensor



Electronic Assist Steering



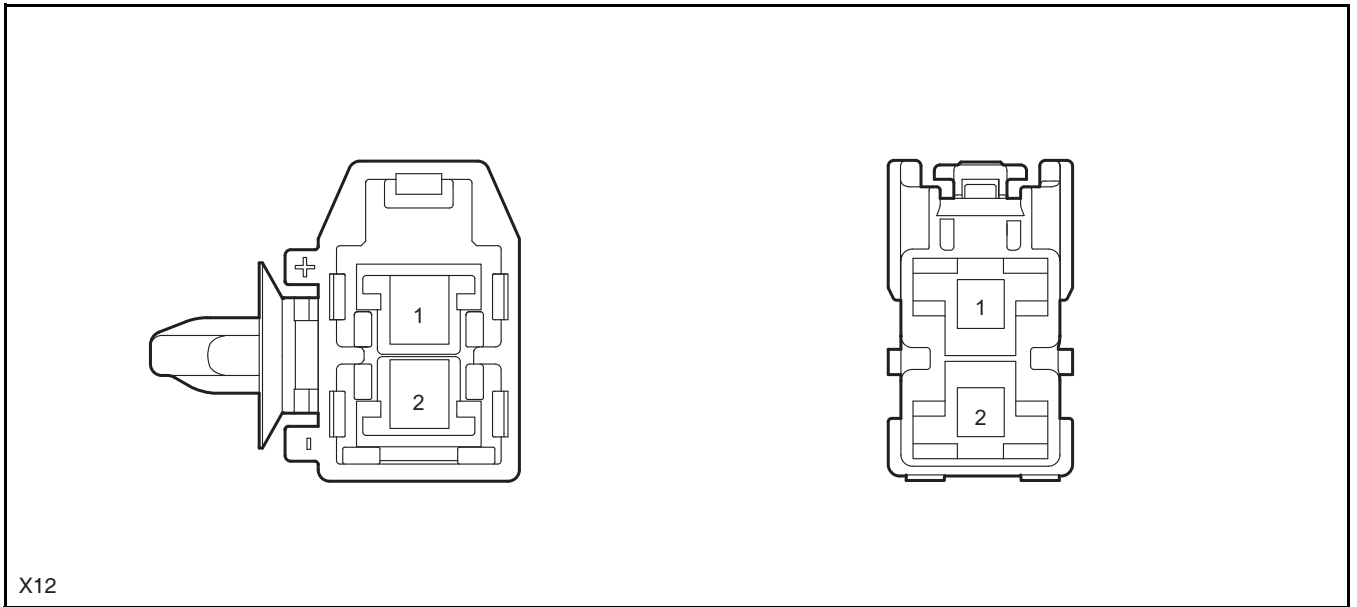
Instrument Panel Fuse Box



P04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness

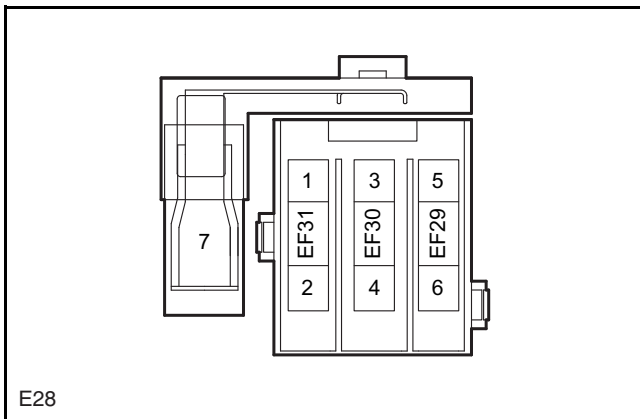
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness



X12

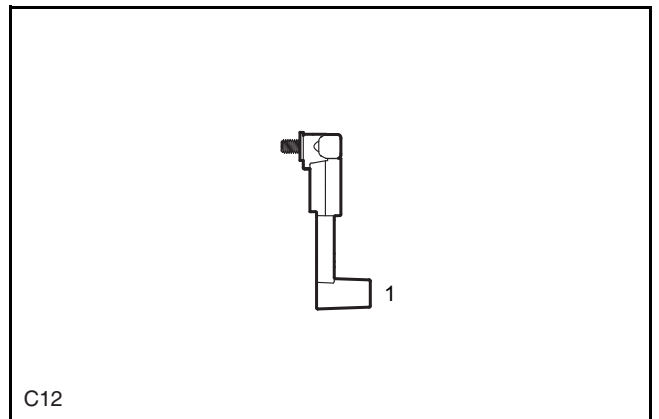
Battery Positive Fuse Box

Battery Negative



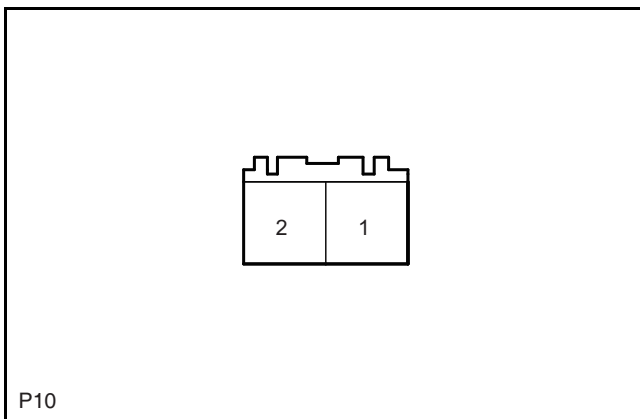
E28

EPS Power Supply

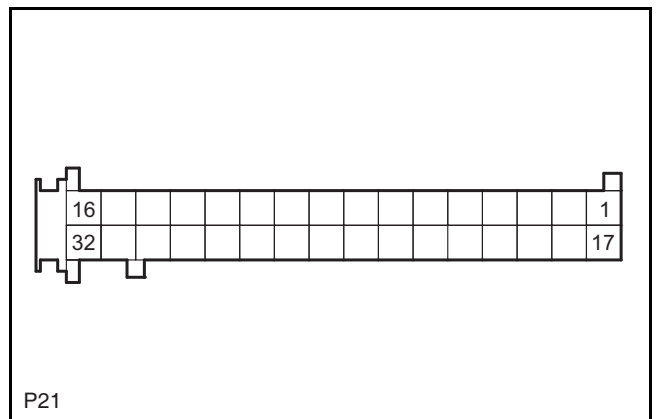


C12

BCM-C

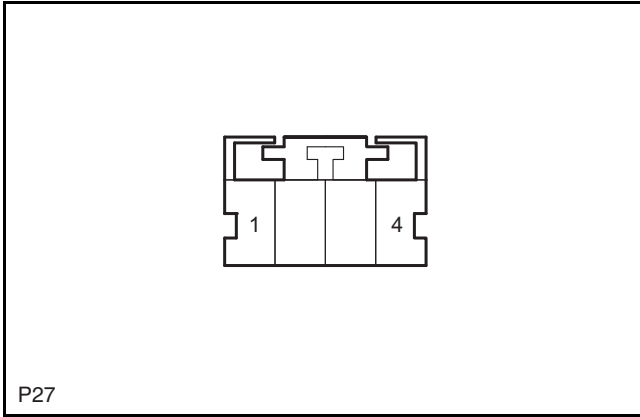


P10

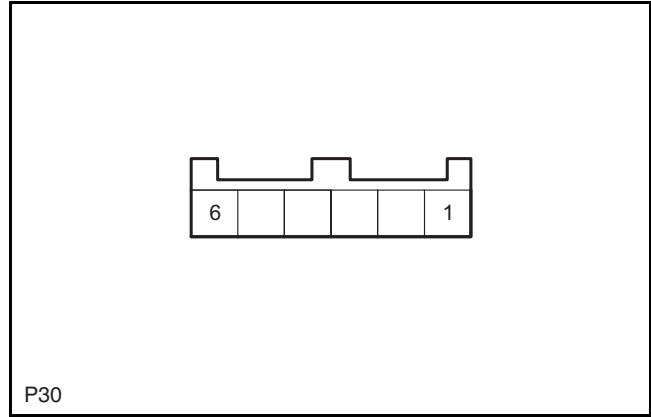


P21

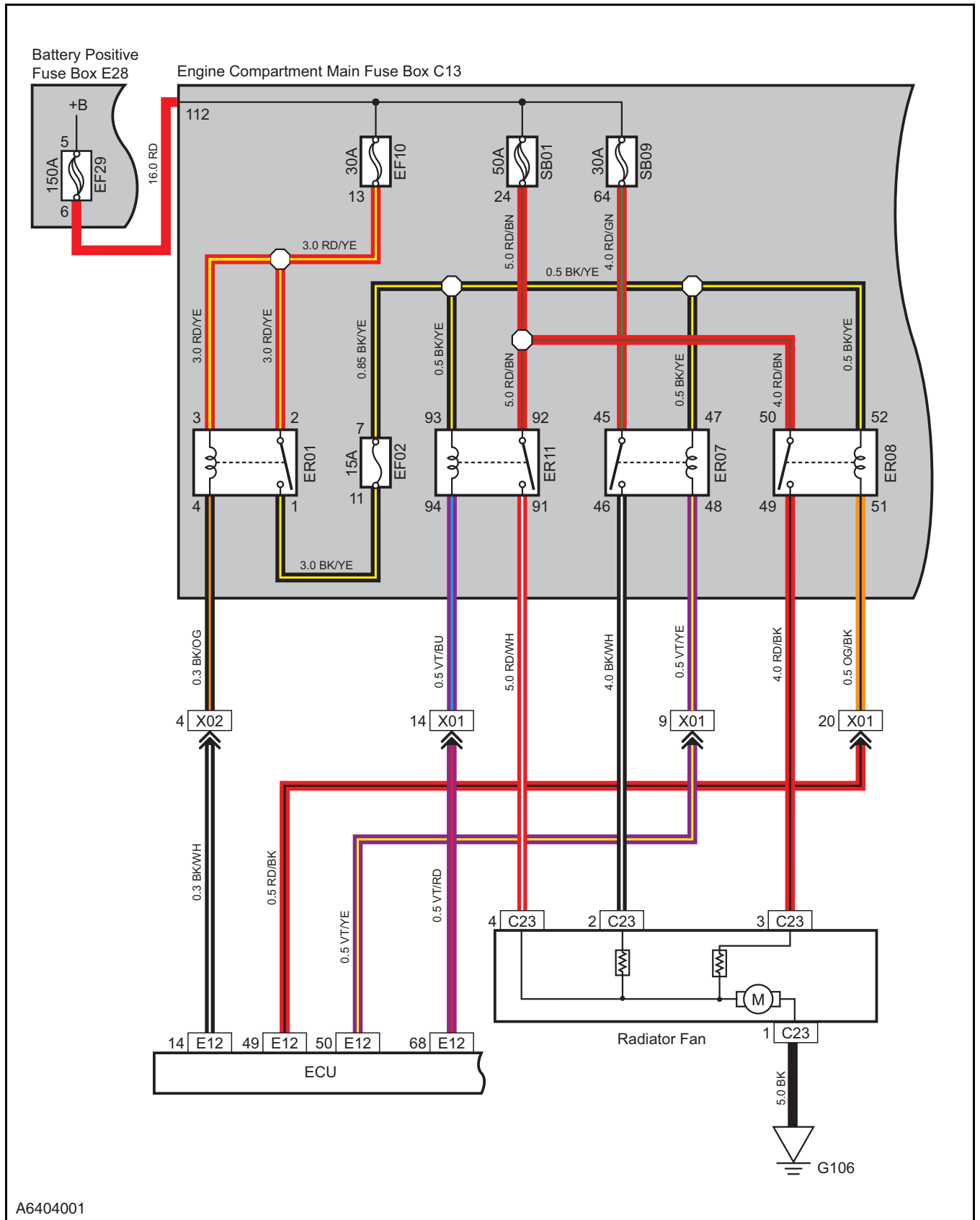
Rotation Angle Sensor



EPS Signal

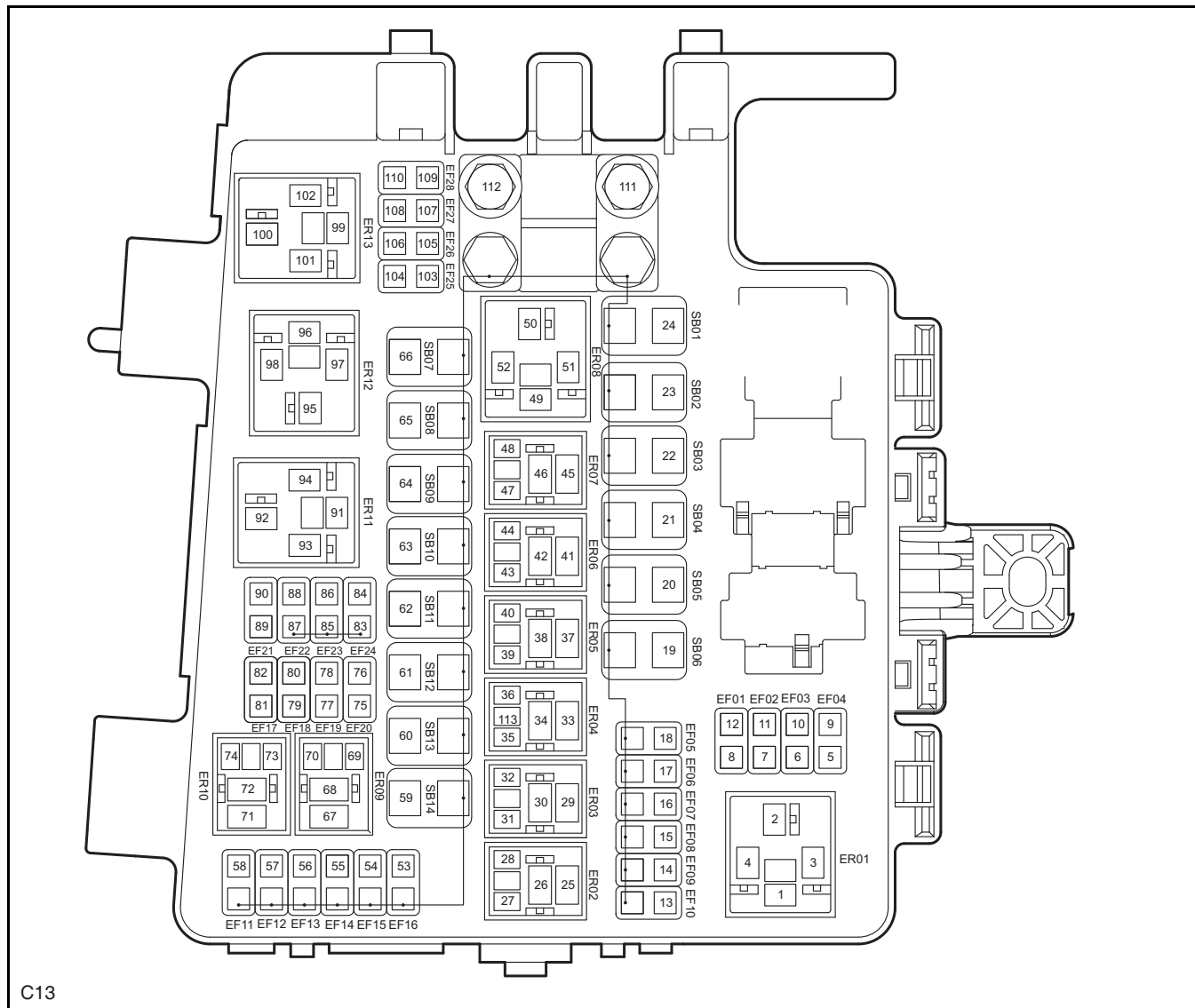


Cooling System



A6404001

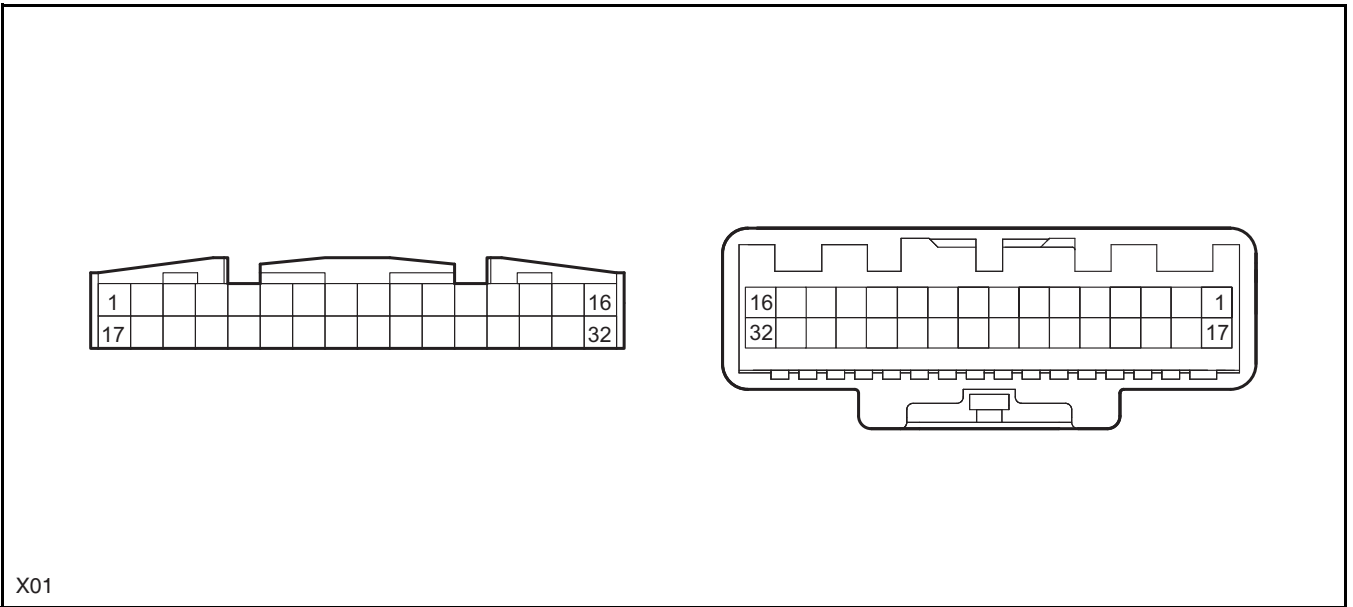
Engine Compartment Main Fuse Box



C13

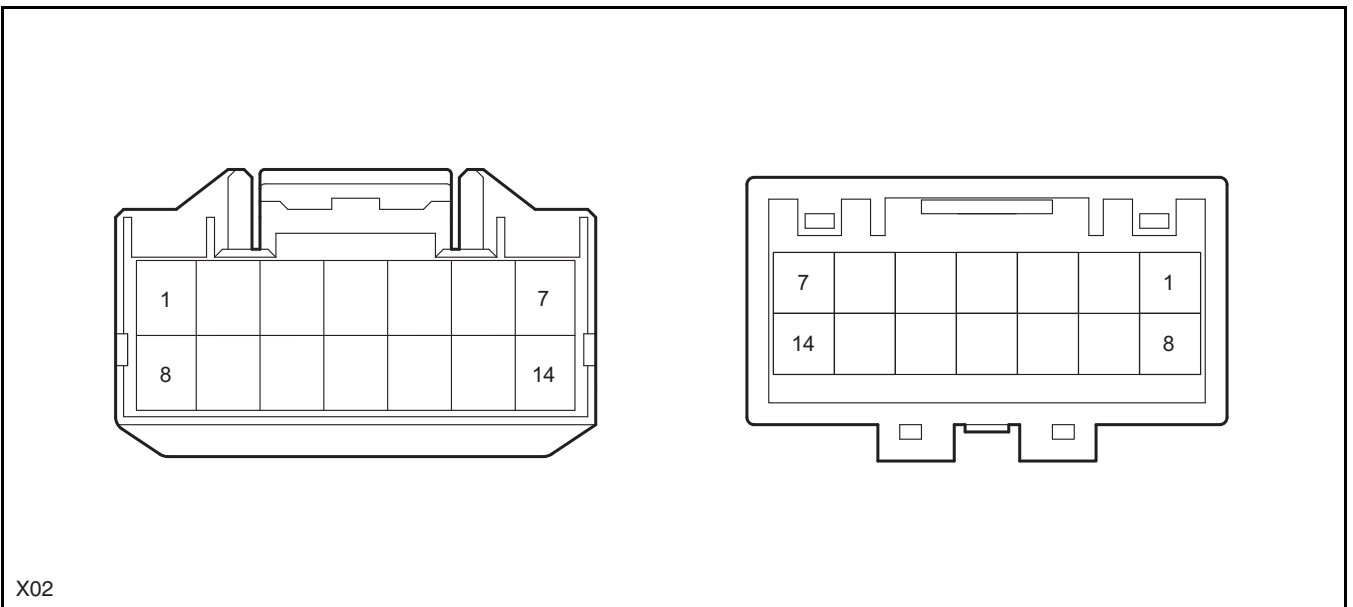
Engine Wiring Harness to Engine Compartment Fuse Box - 1

Engine Compartment Fuse Box to Engine Wiring Harness - 1



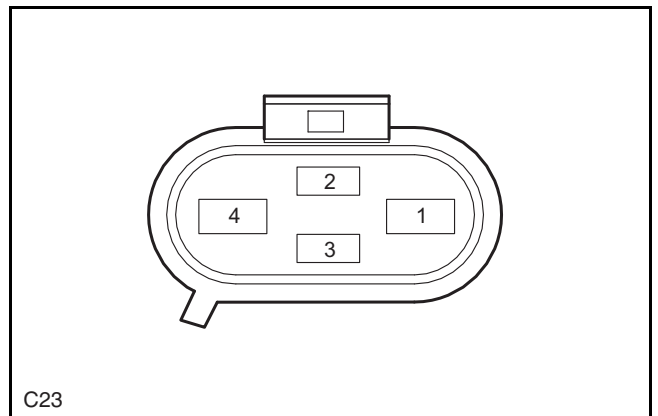
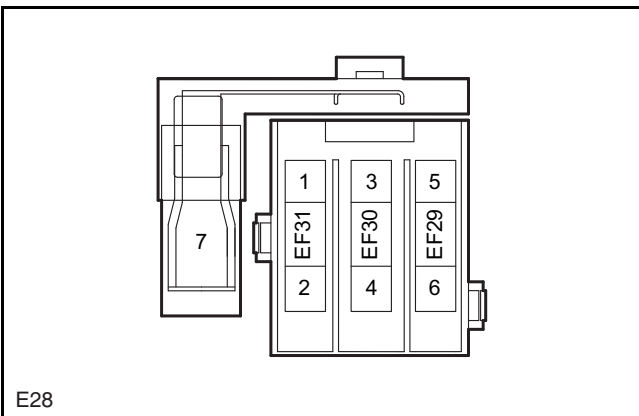
Engine Wiring Harness to Engine Compartment Fuse Box - 2

Engine Compartment Fuse Box to Engine Wiring Harness - 2

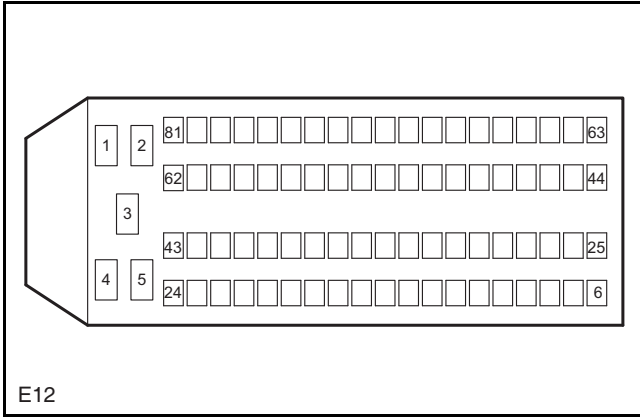


Battery Positive Fuse Box

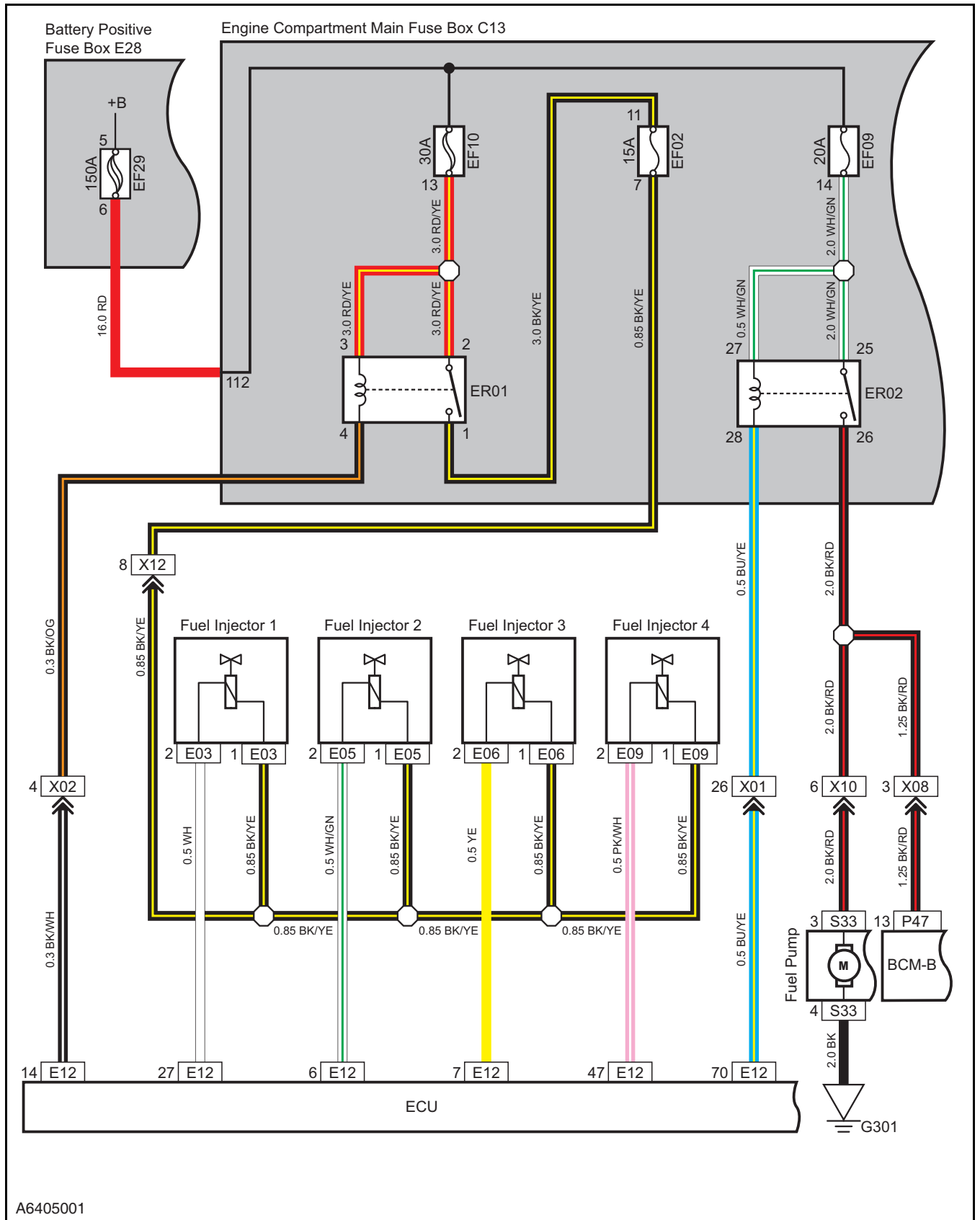
Radiator Fan



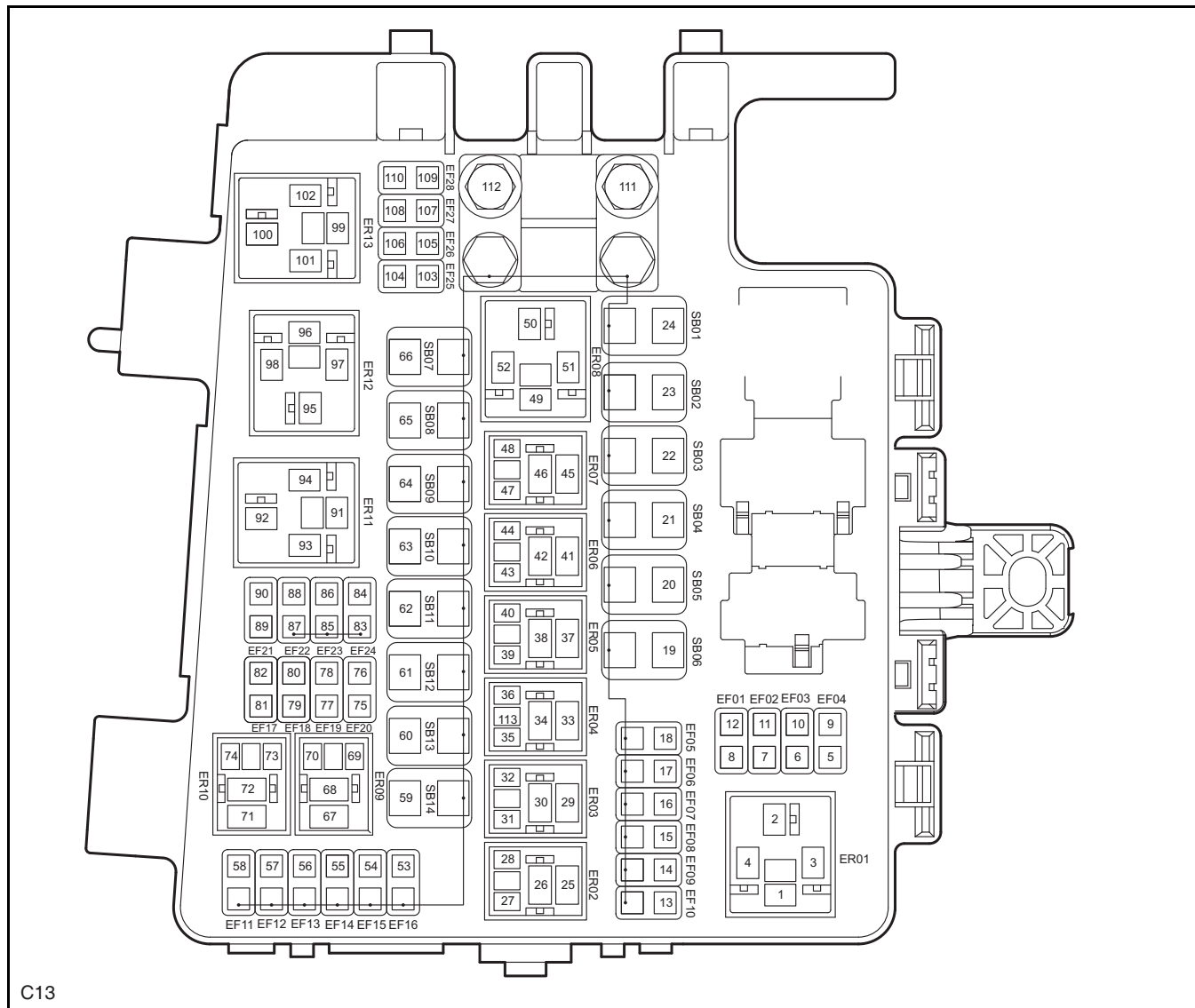
ECU



Fuel System



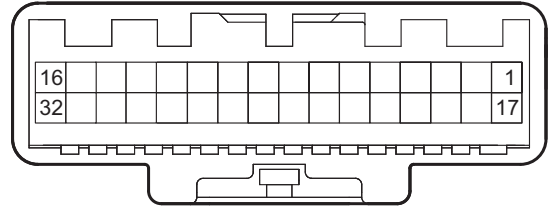
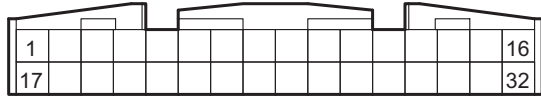
Engine Compartment Main Fuse Box



C13

Engine Wiring Harness to Engine Compartment Fuse Box - 1

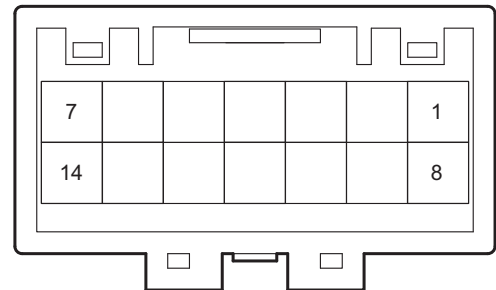
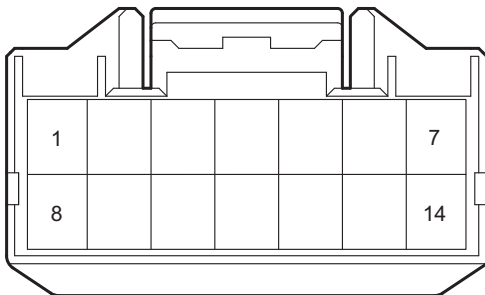
Engine Compartment Fuse Box to Engine Wiring Harness - 1



X01

Engine Wiring Harness to Engine Compartment Fuse Box - 2

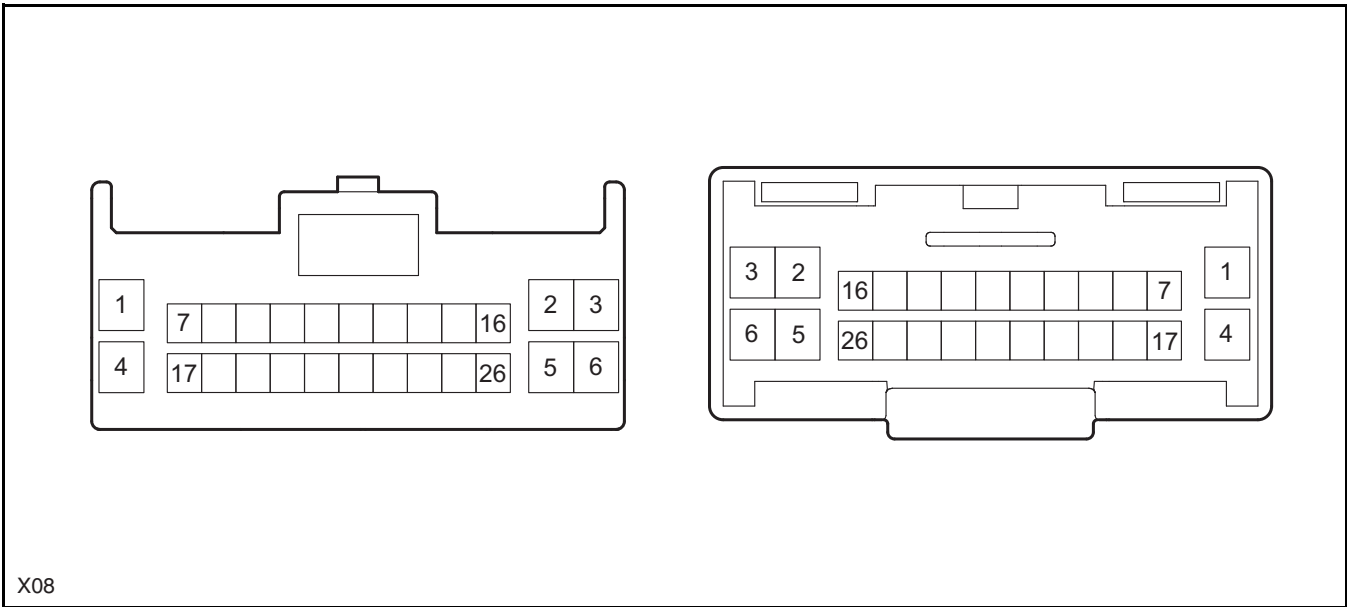
Engine Compartment Fuse Box to Engine Wiring Harness - 2



X02

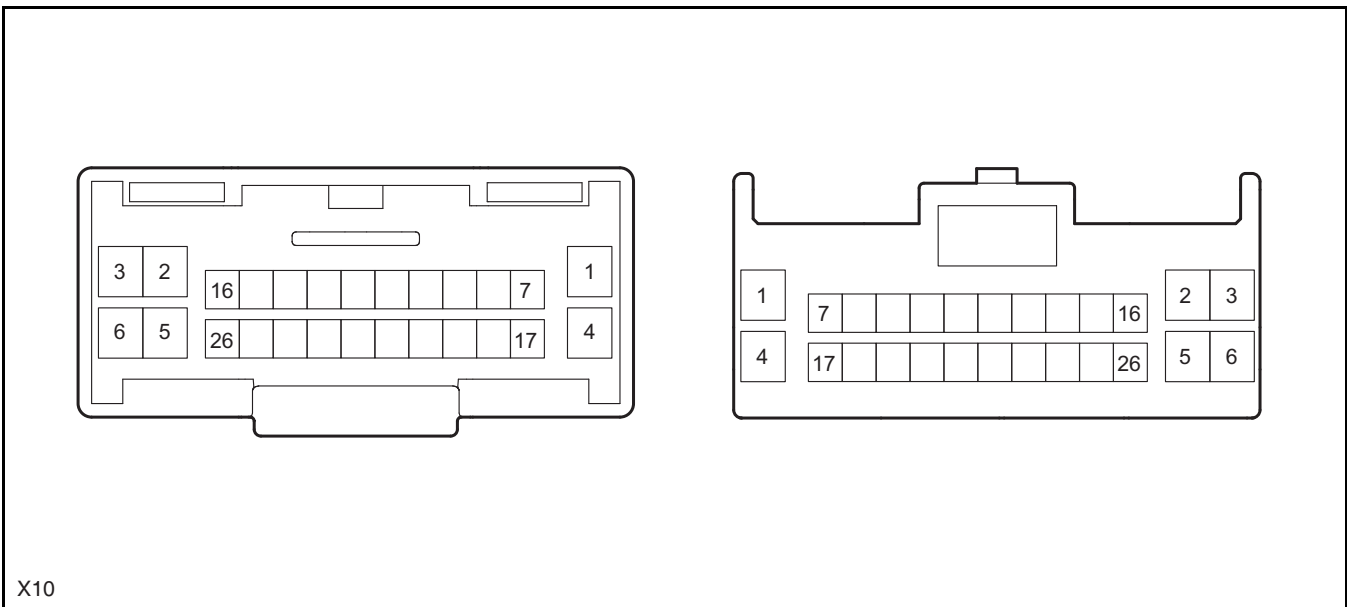
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 2



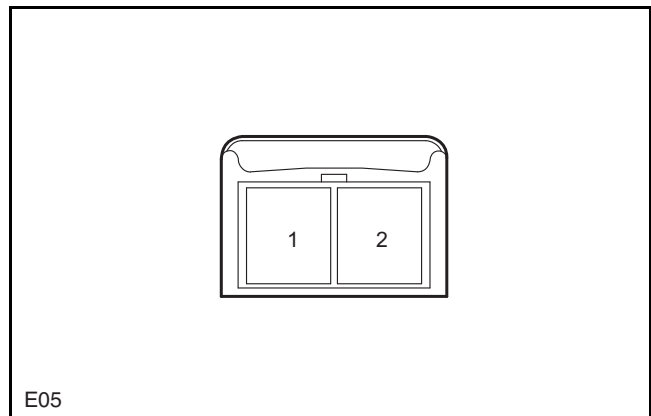
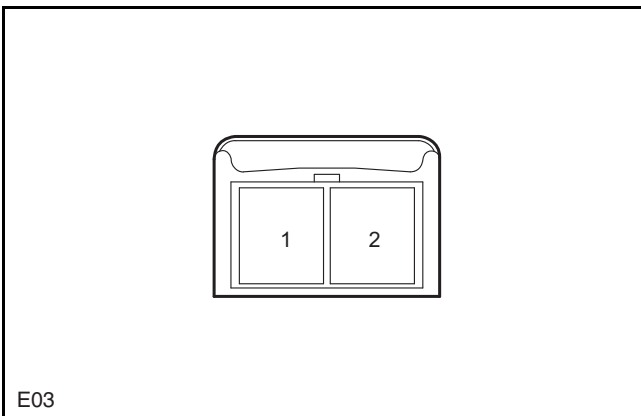
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Left

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Left

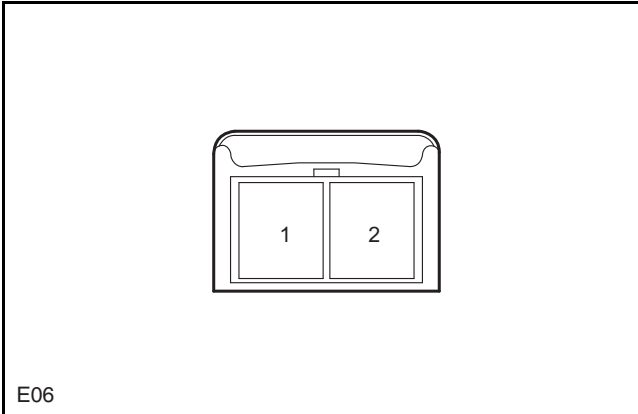


Fuel Injector - 1

Fuel Injector - 2

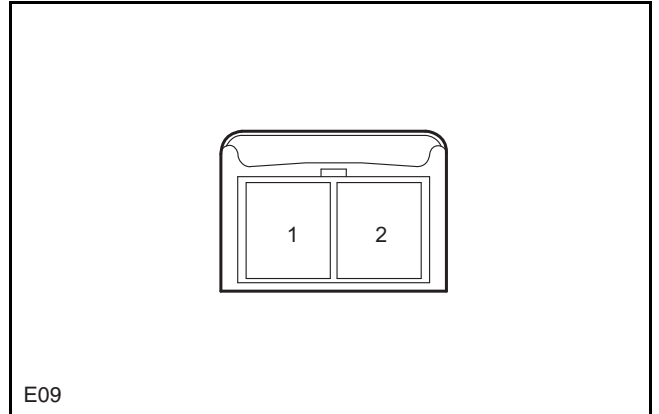


Fuel Injector - 3



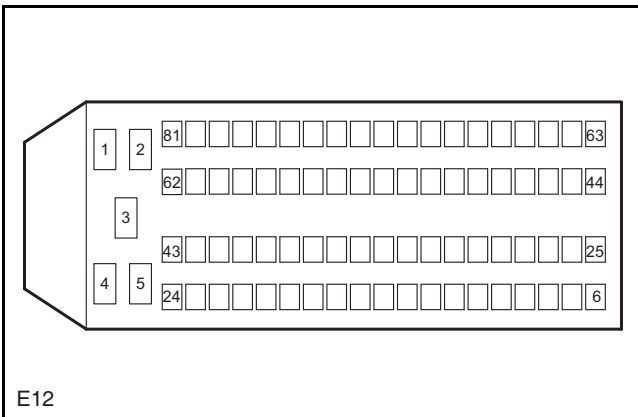
E06

Fuel Injector - 4



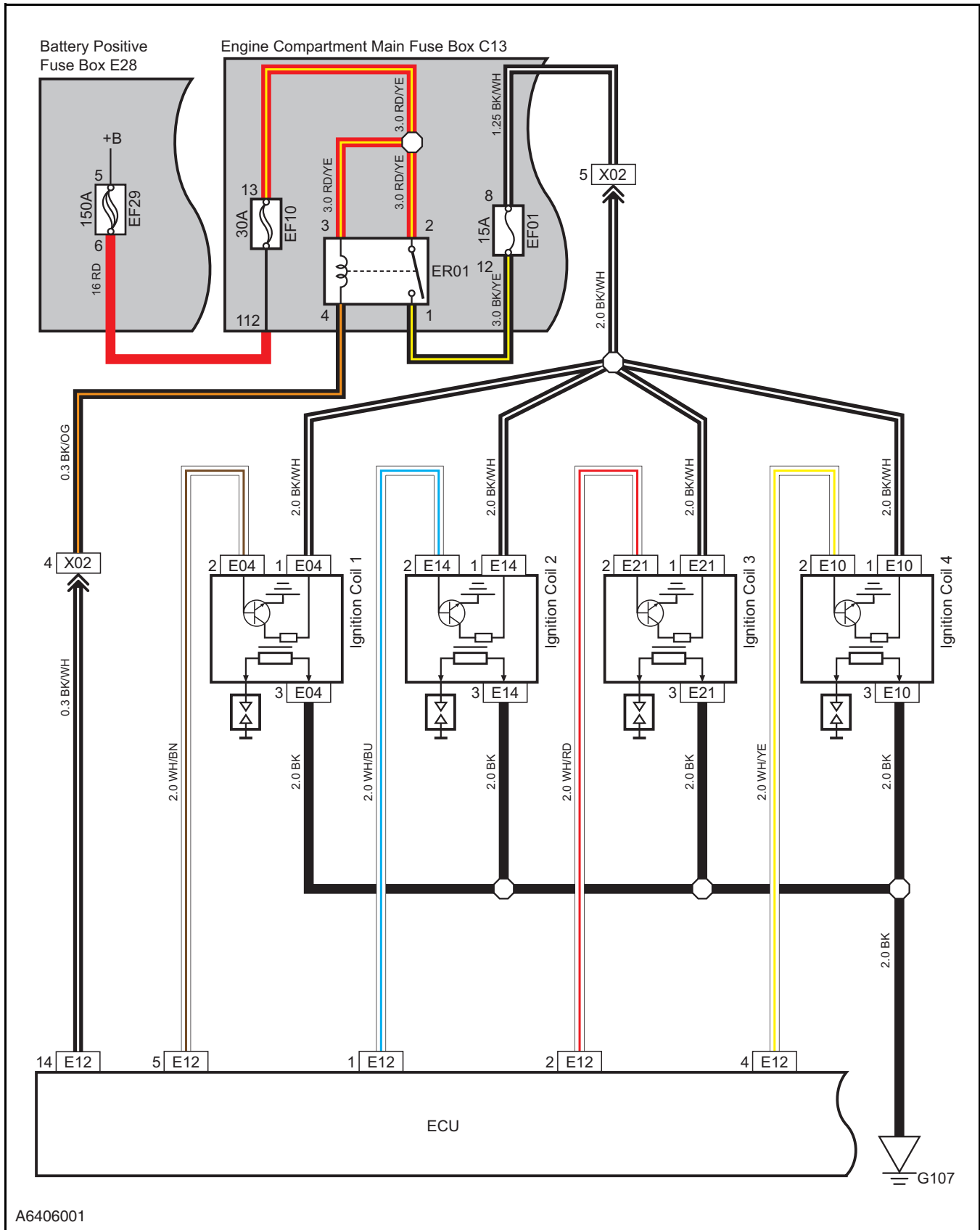
E09

ECU



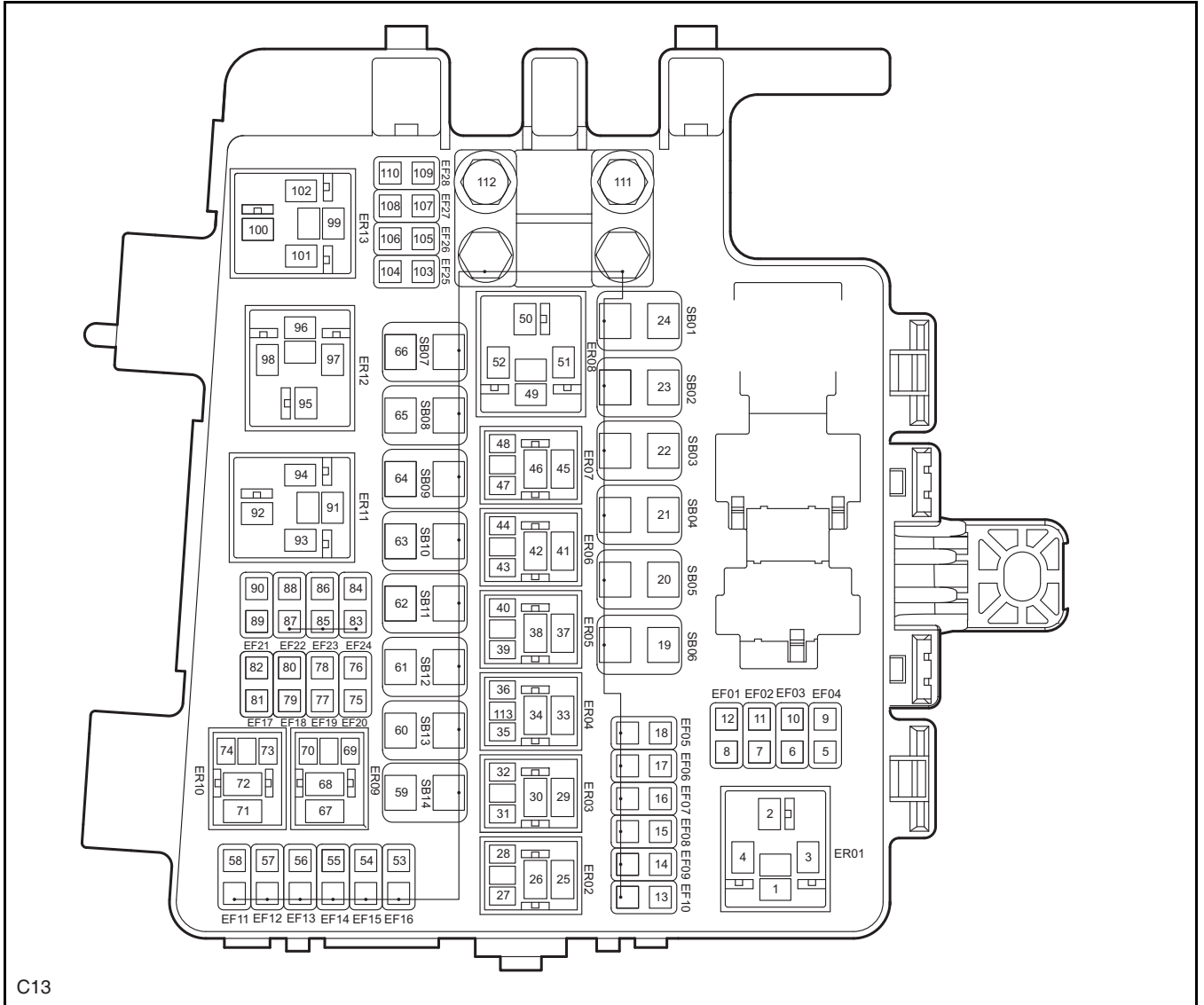
E12

Ignition System



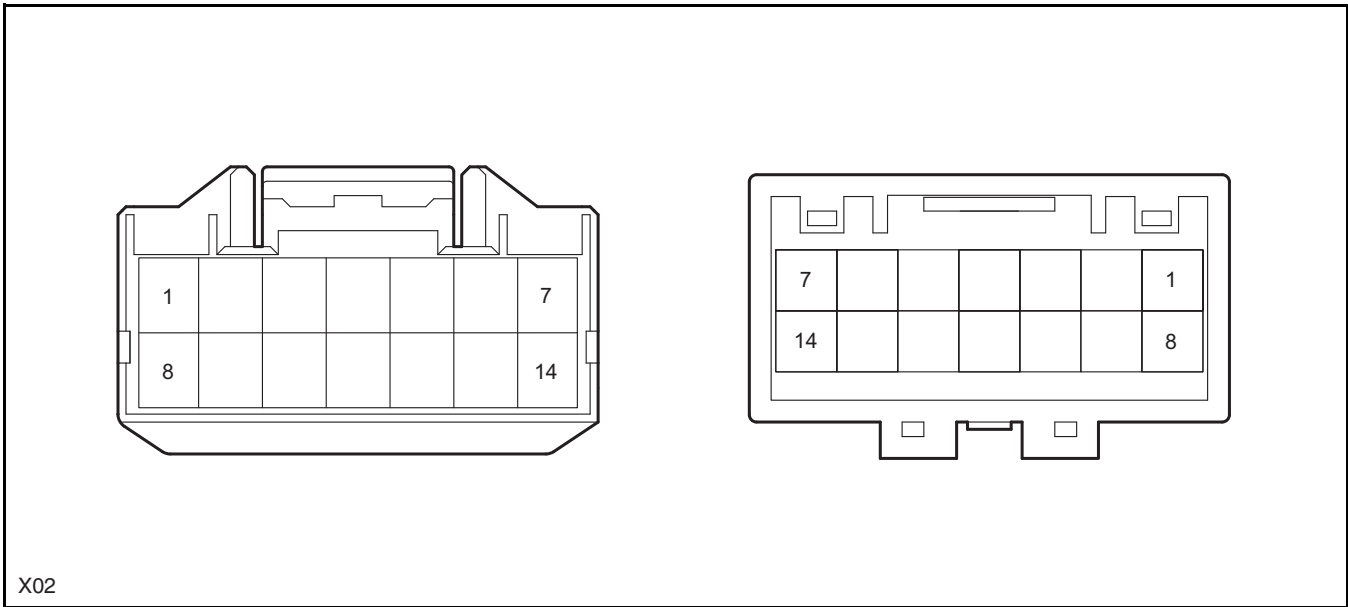
A6406001

Engine Compartment Main Fuse Box



Engine Wiring Harness to Engine Compartment Fuse Box - 2

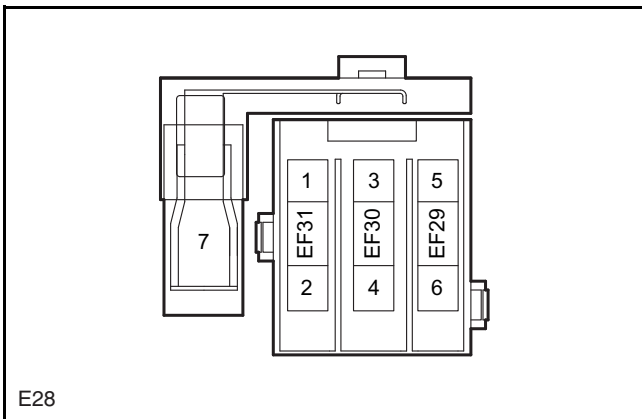
Engine Compartment Fuse Box to Engine Wiring Harness - 2



X02

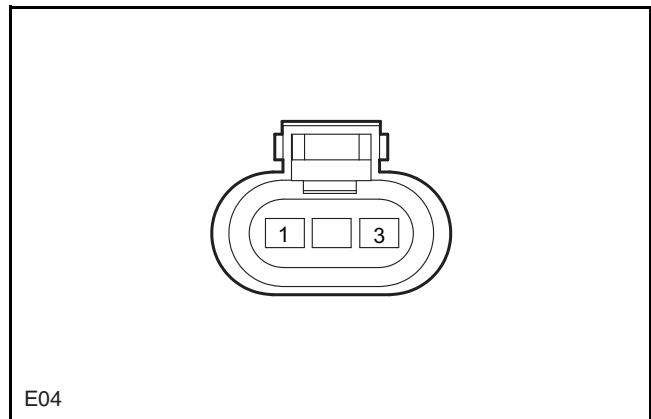
Battery Positive Fuse Box

Ignition Coil - 1



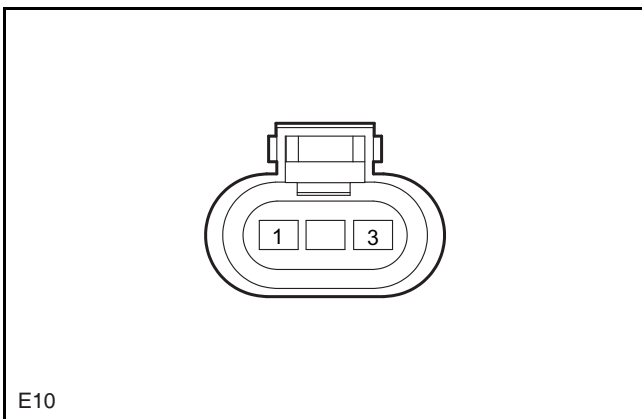
E28

Ignition Coil - 4

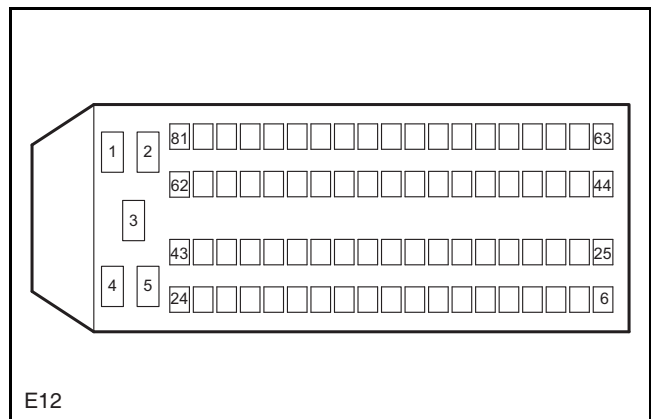


E04

ECU

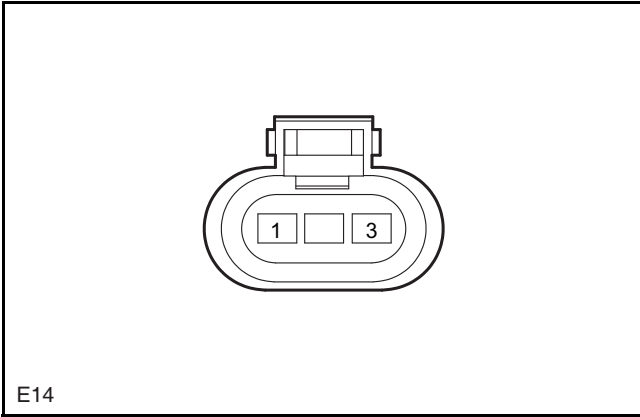


E10

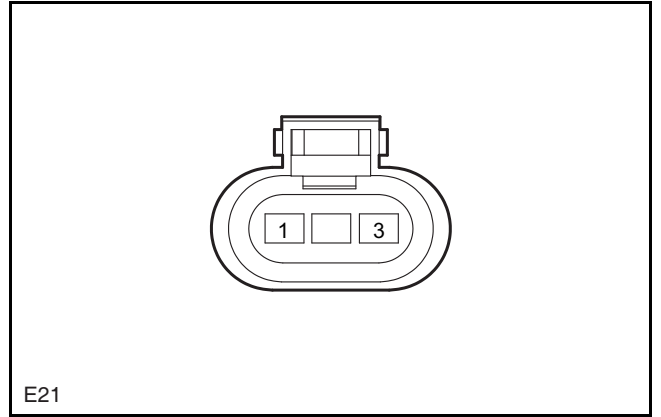


E12

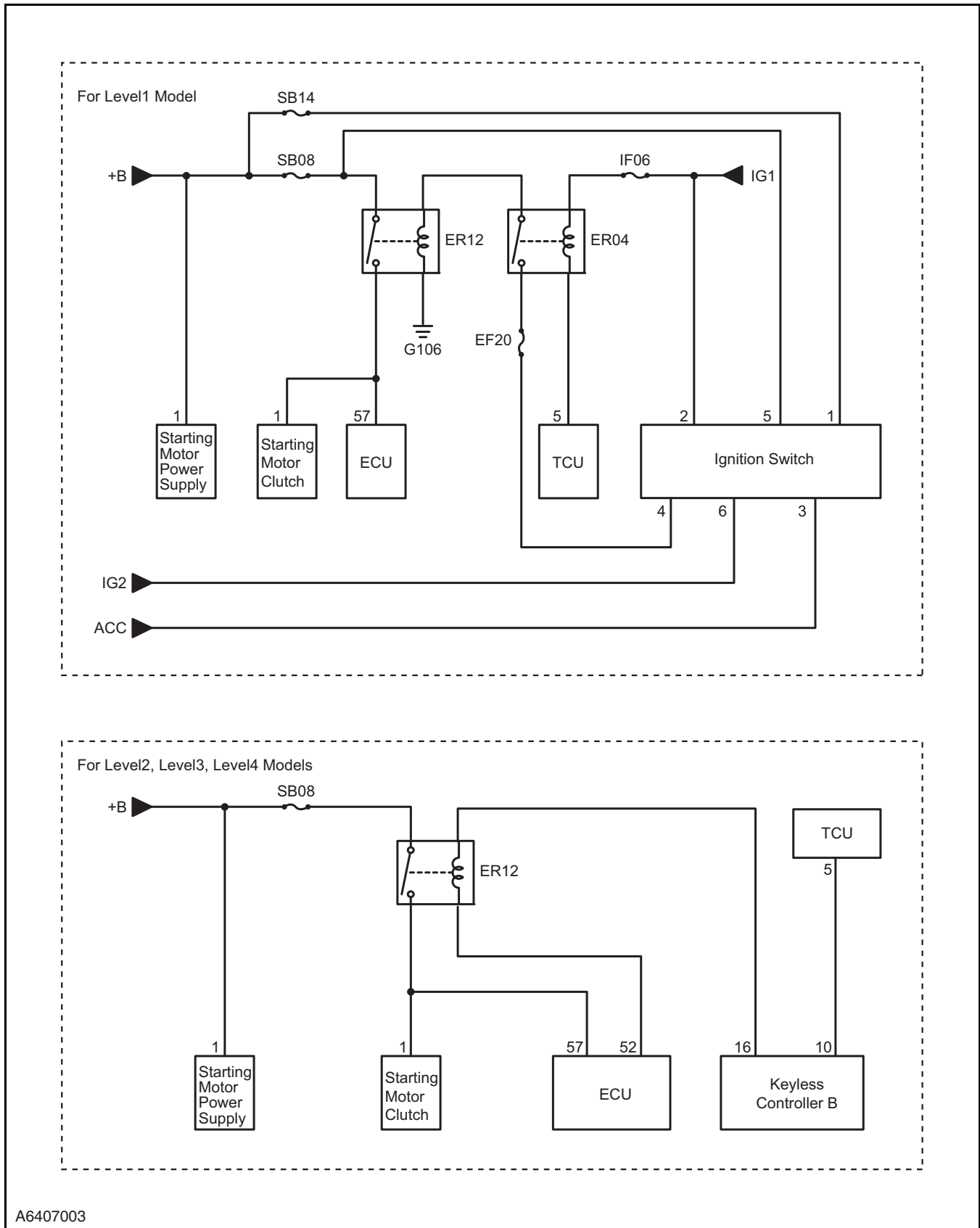
Ignition Coil - 2



Ignition Coil - 3

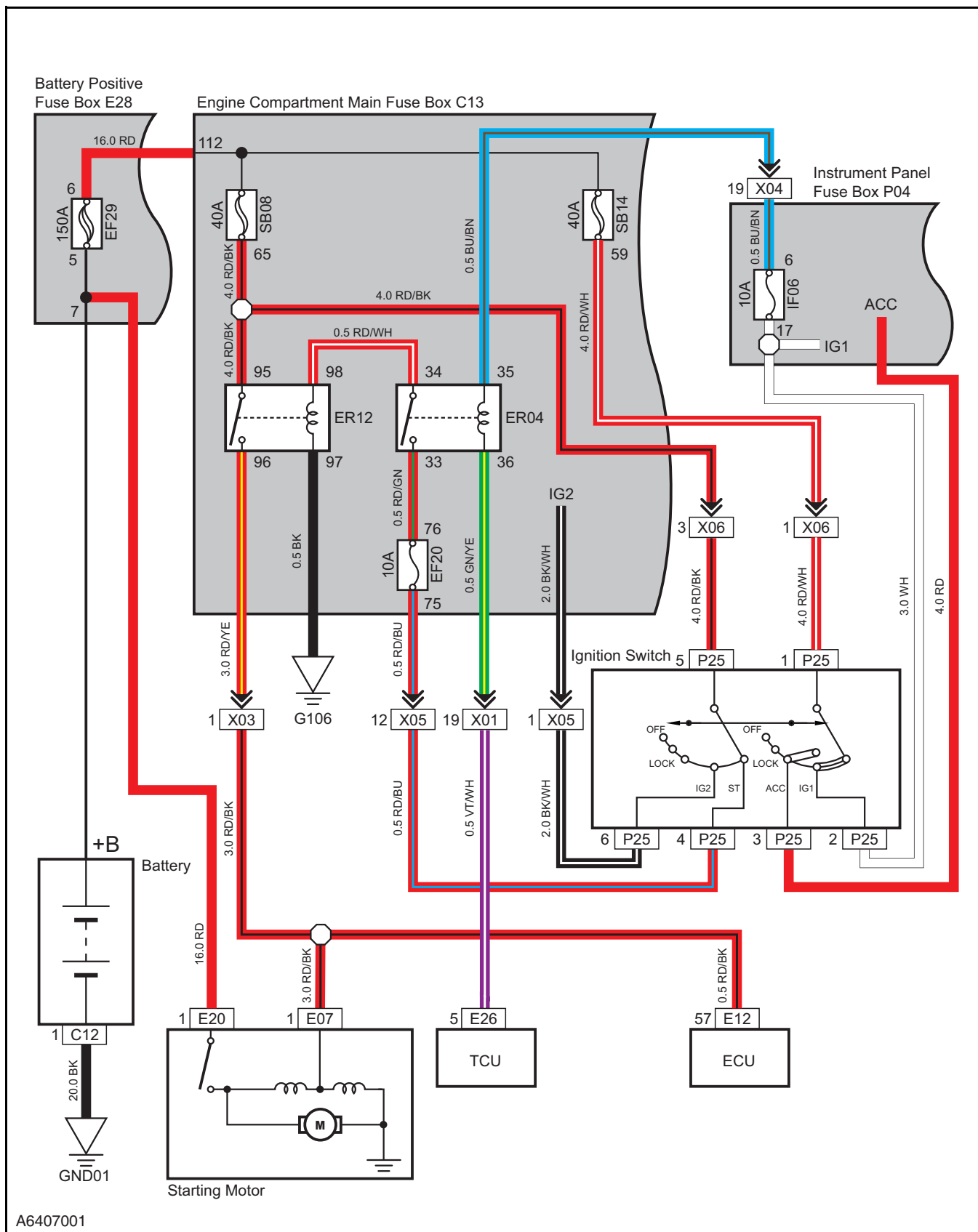


Starting System

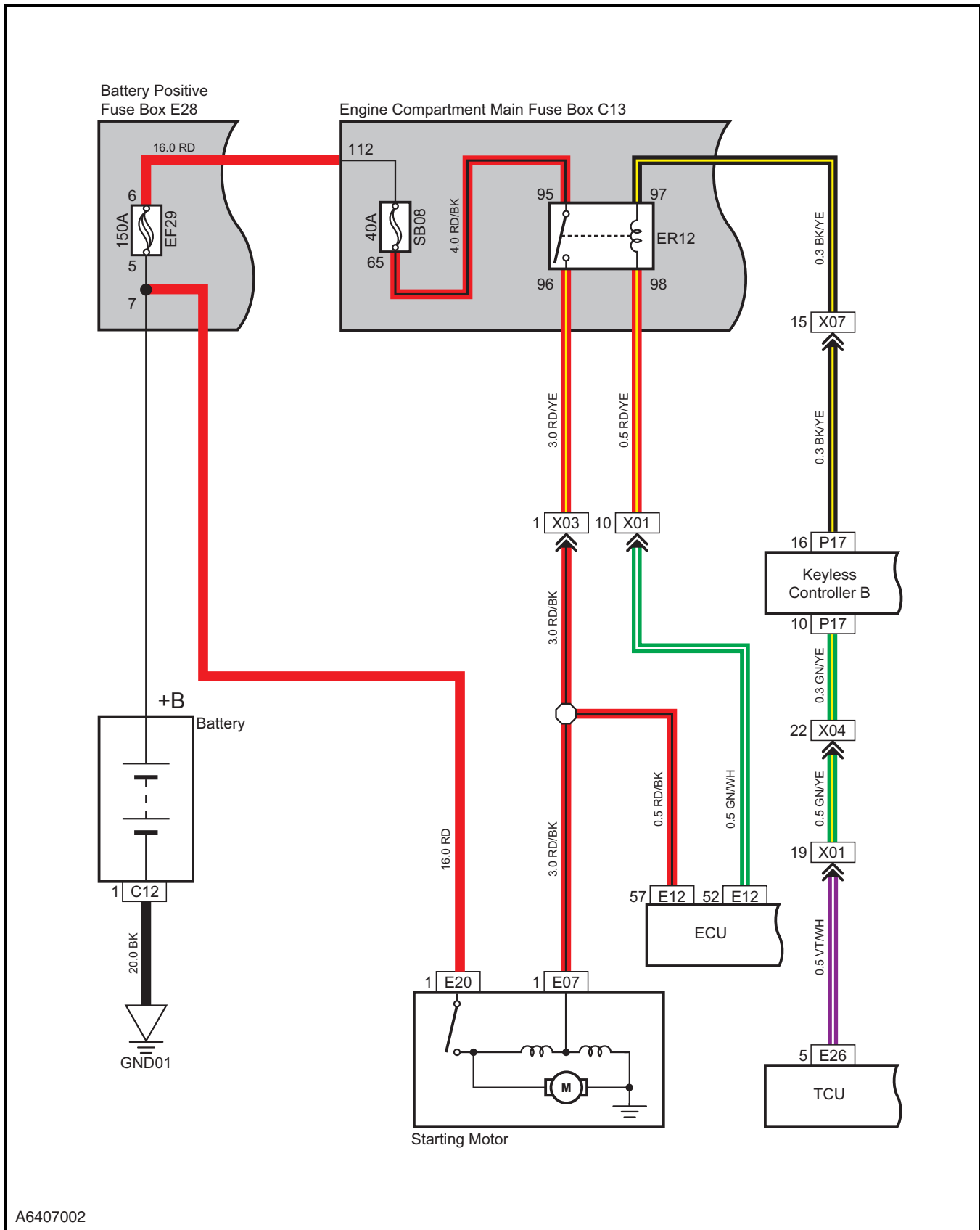


A6407003

Starting System (for Level1 Model)

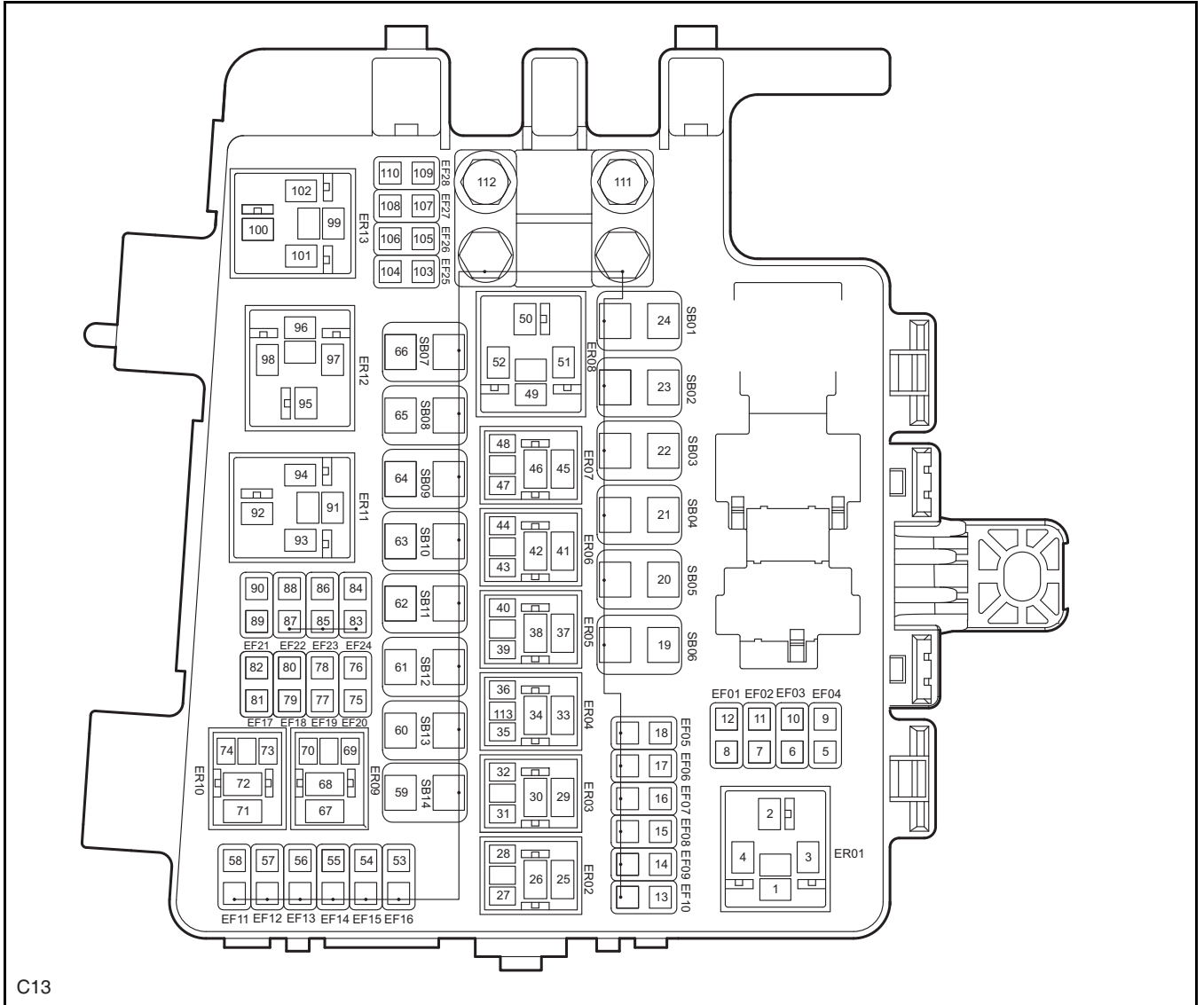


Starting System (for Level2, Level3, Level4 Models)



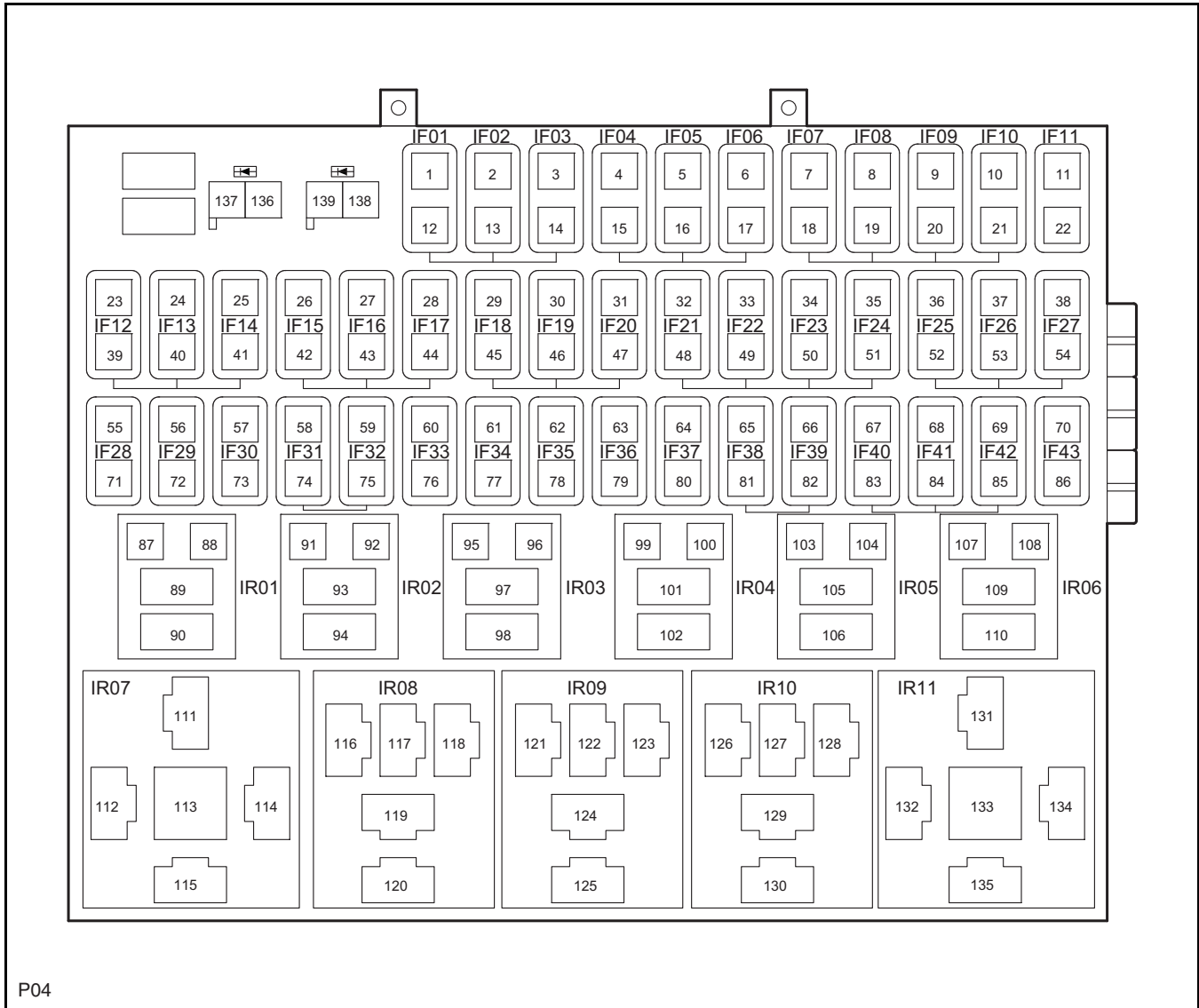
A6407002

Engine Compartment Main Fuse Box



C13

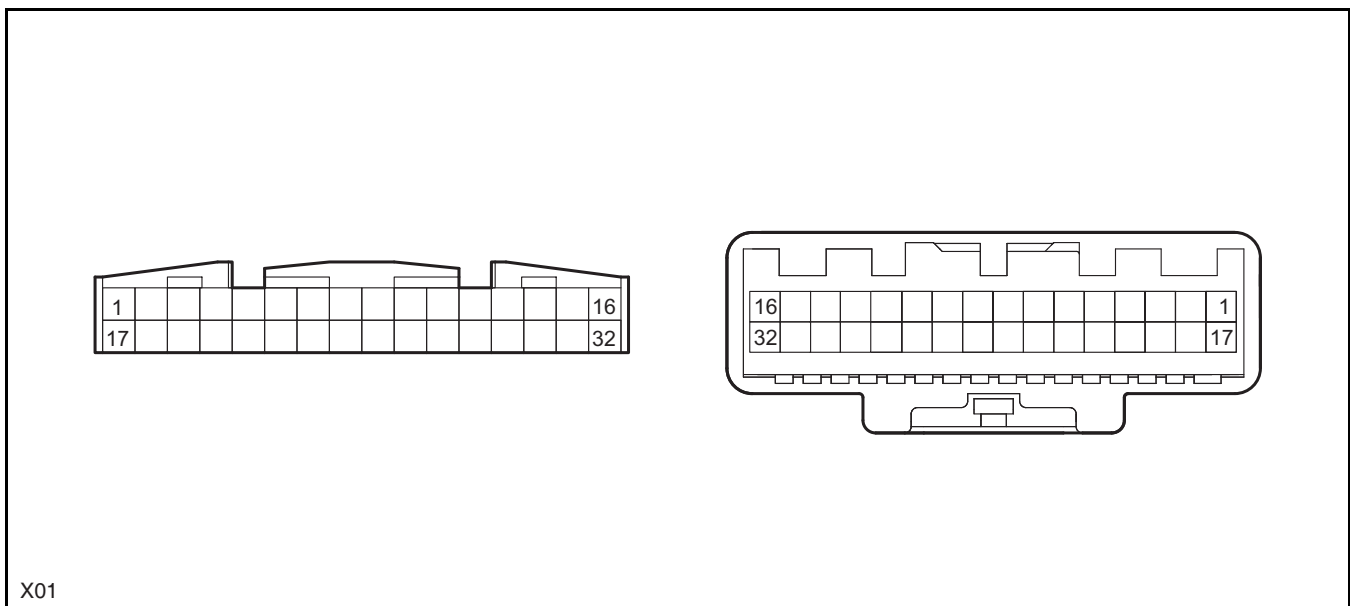
Instrument Panel Fuse Box



P04

Engine Wiring Harness to Engine Compartment Fuse Box - 1

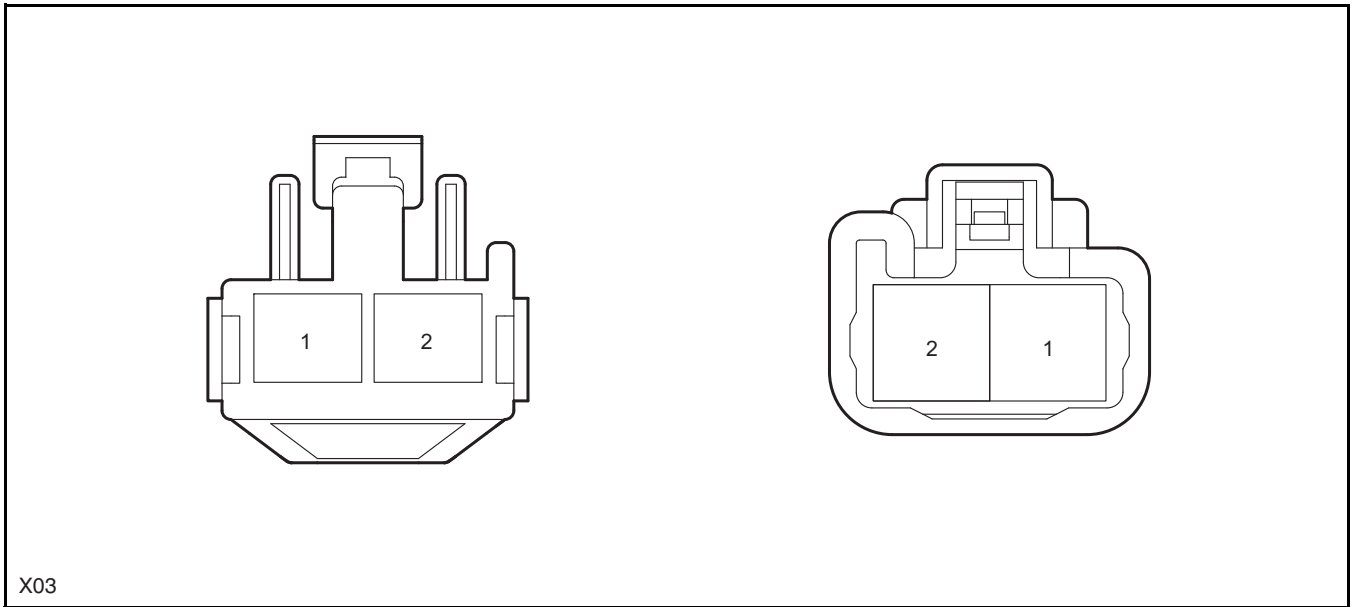
Engine Compartment Fuse Box to Engine Wiring Harness - 1



X01

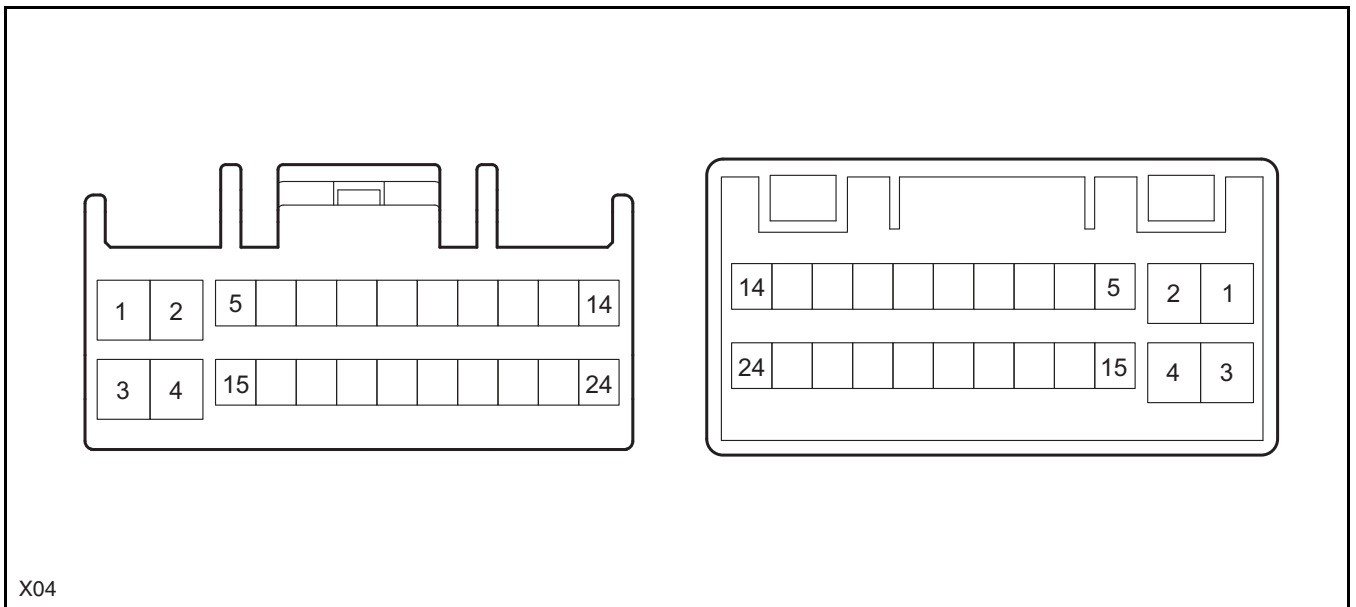
Engine Wiring Harness to Engine Compartment Fuse Box - 3

Engine Compartment Fuse Box to Engine Wiring Harness - 3



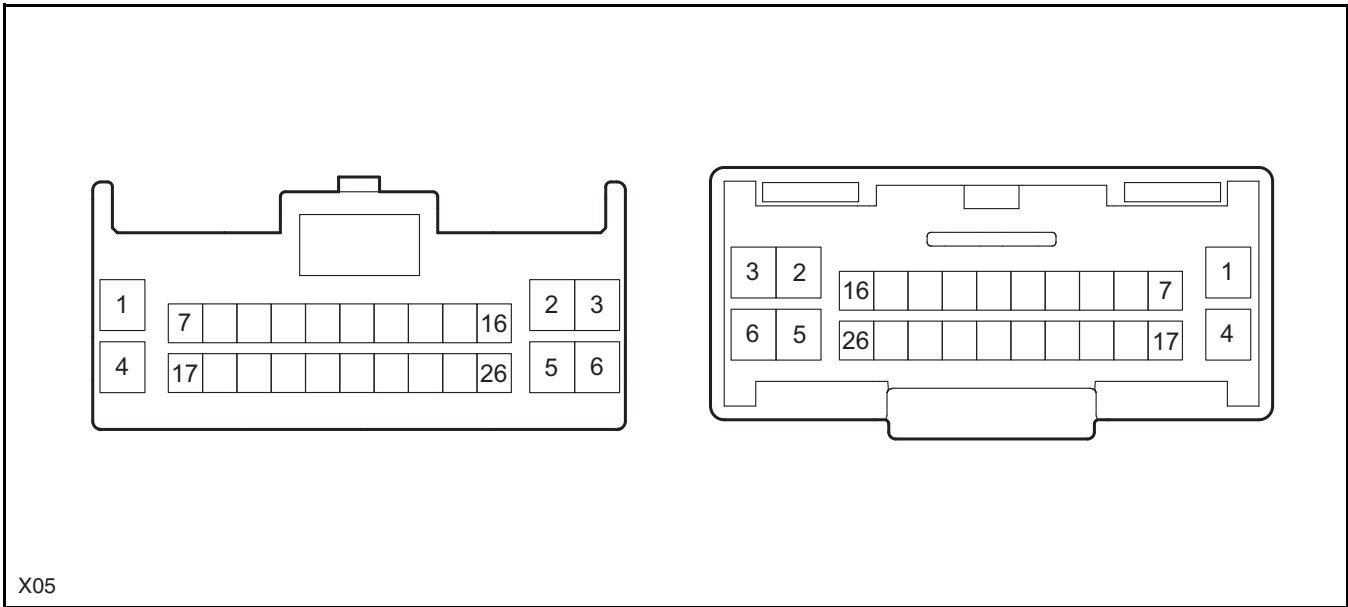
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 1



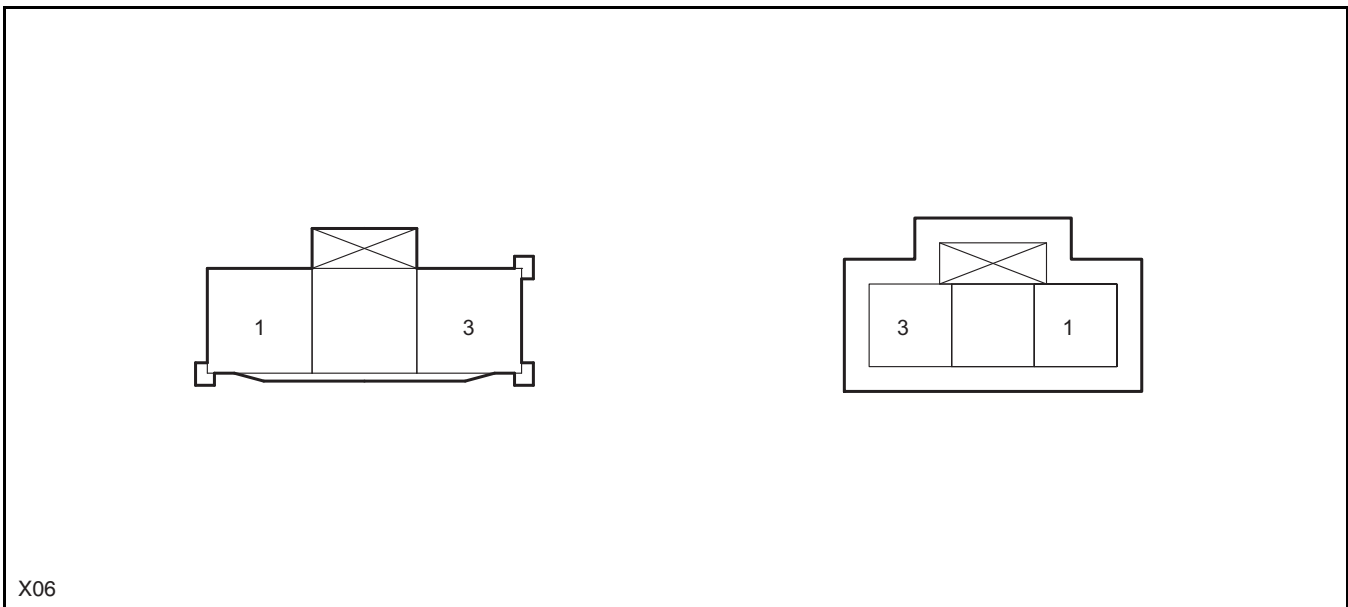
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



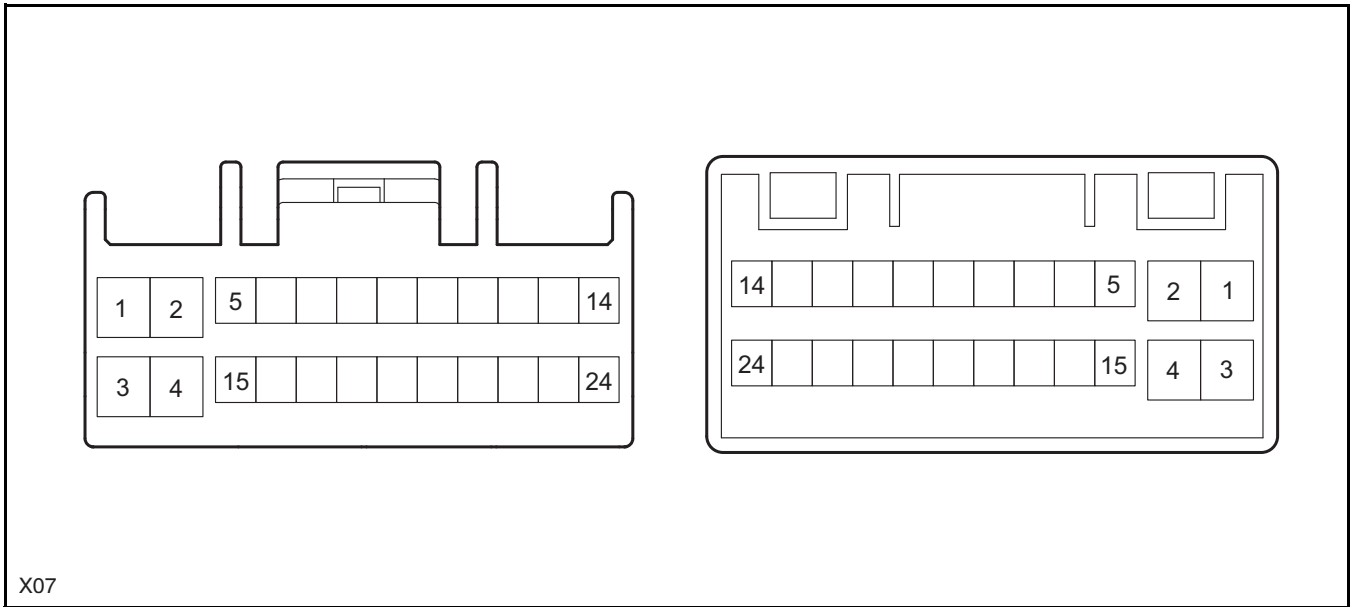
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

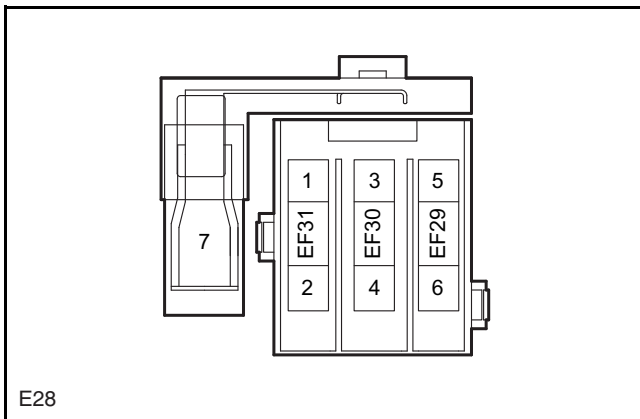
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



X07

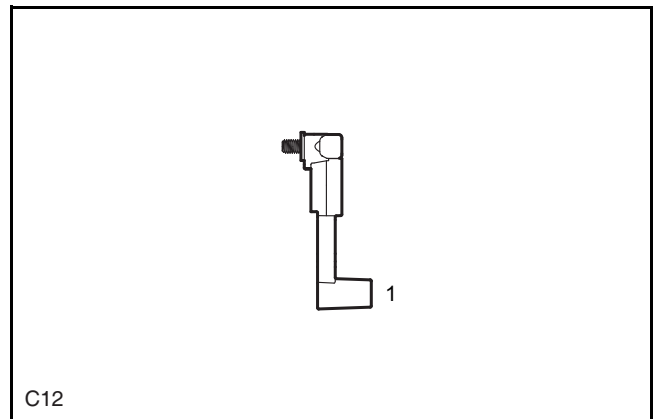
Battery Positive Fuse Box

Battery Negative



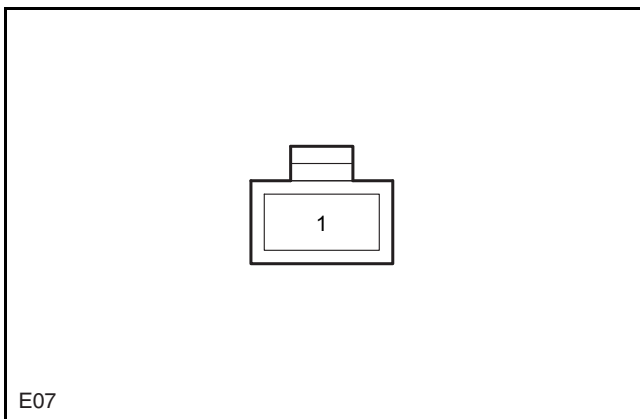
E28

Starting Motor Clutch

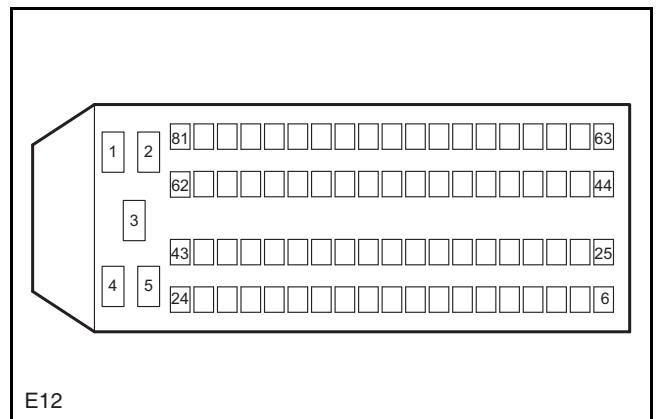


C12

ECU

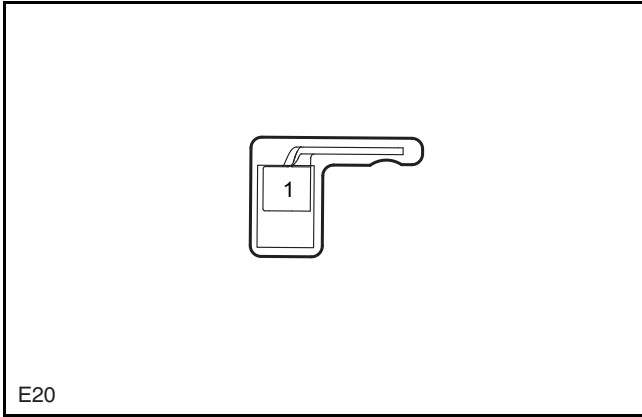


E07

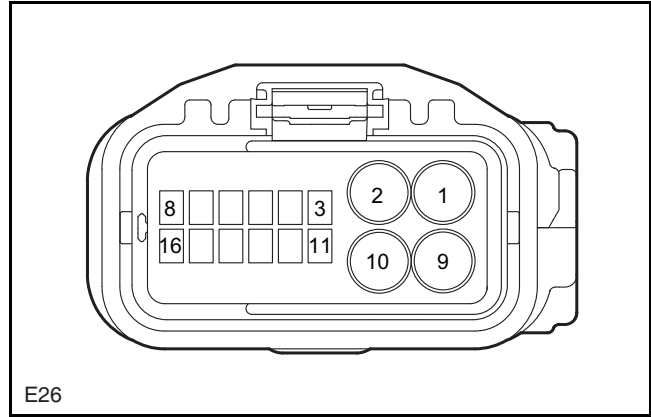


E12

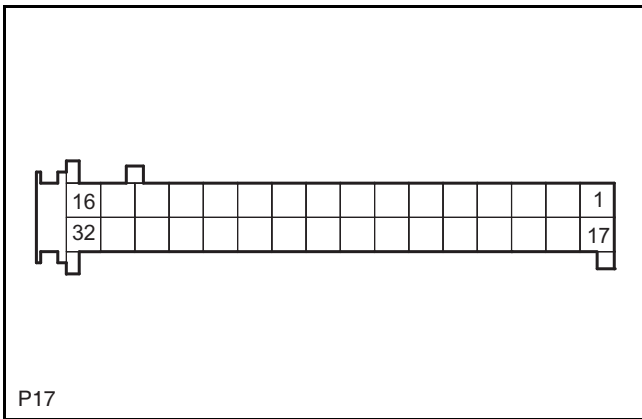
Starting Motor Power Supply



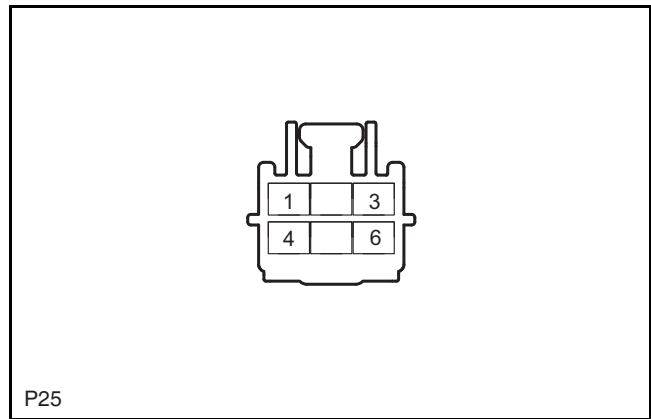
TCU



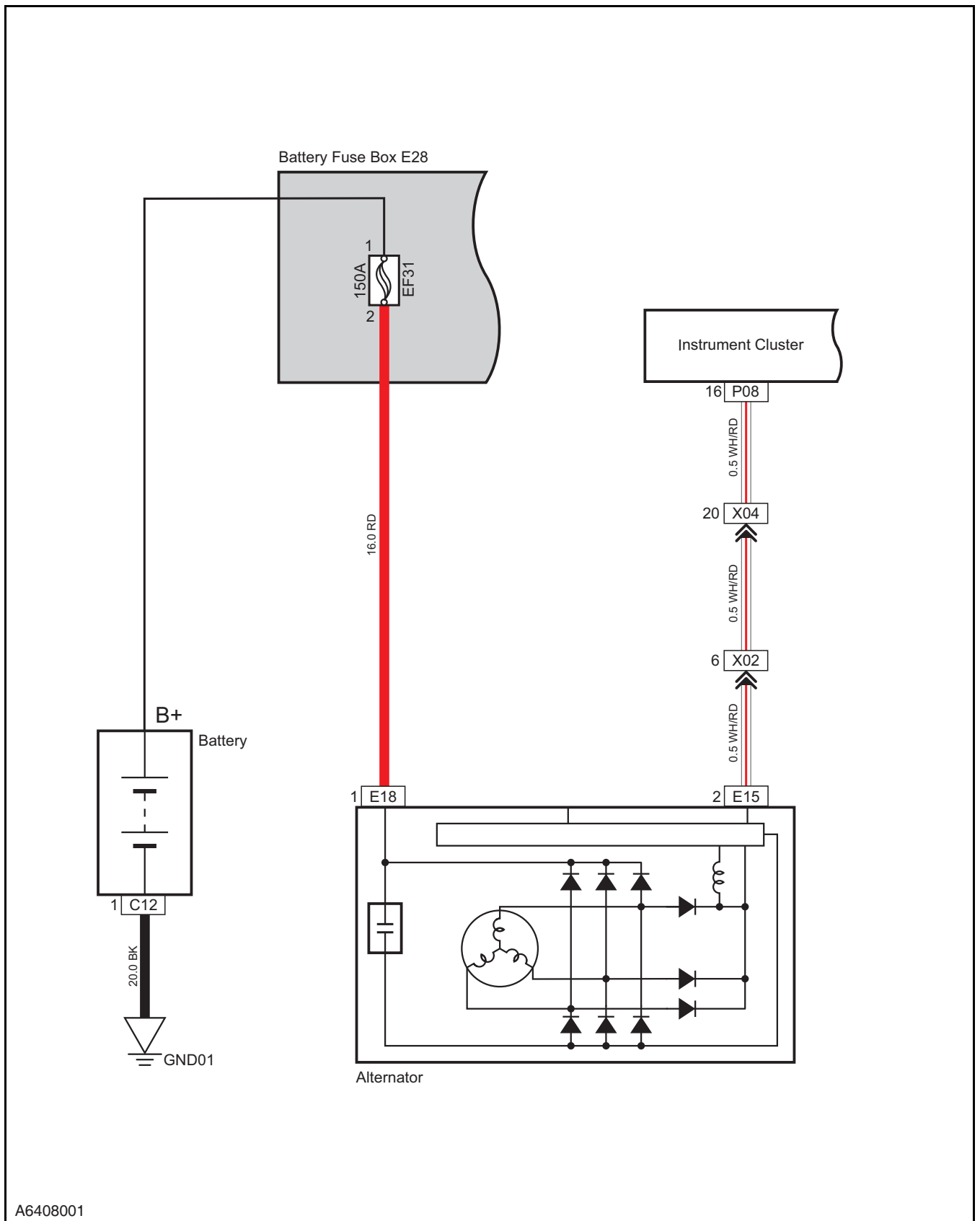
Keyless Controller B



Ignition Switch



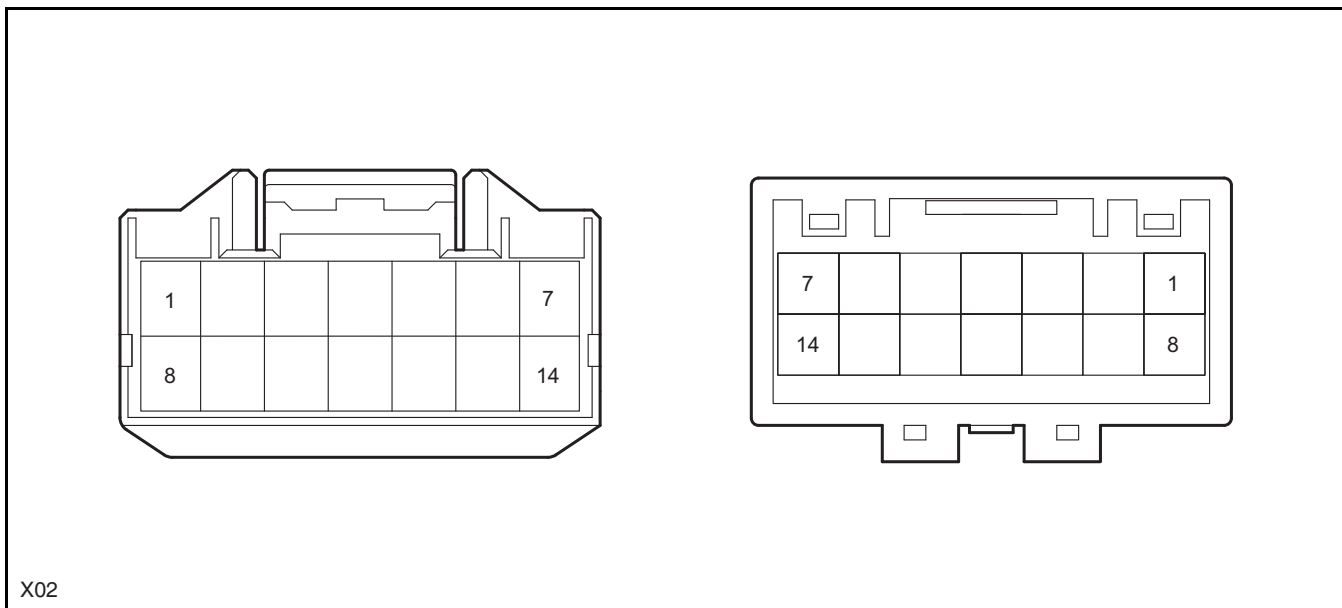
Charging System



A6408001

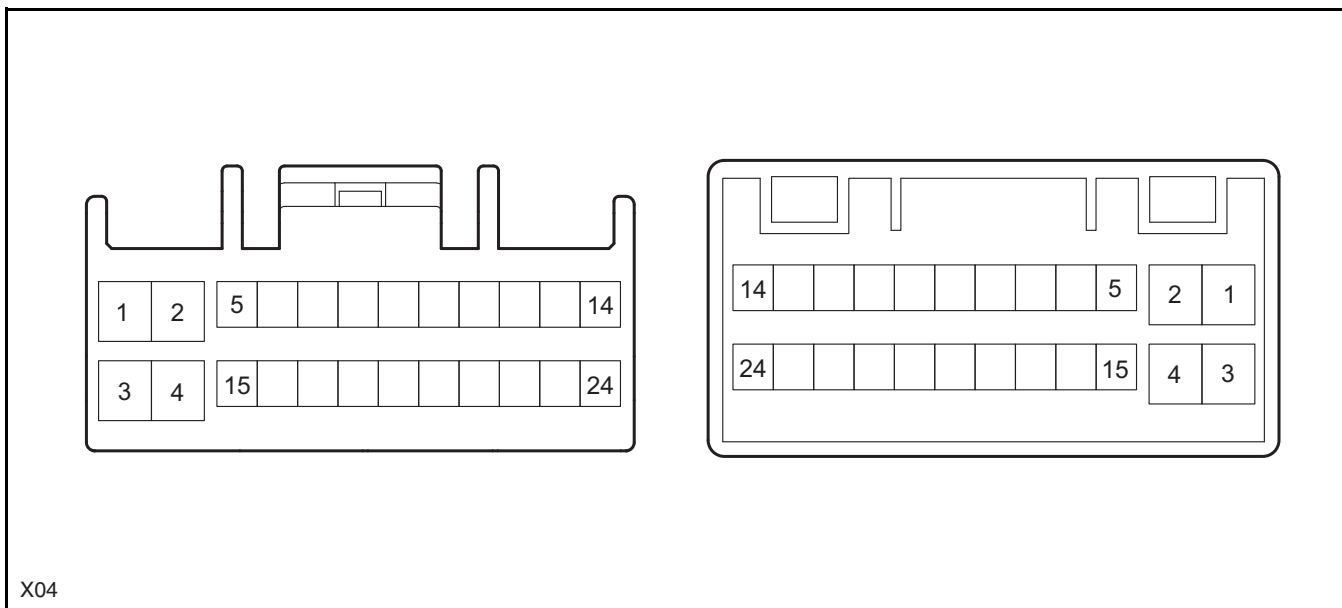
Engine Wiring Harness to Engine Compartment Fuse Box - 2

Engine Compartment Fuse Box to Engine Wiring Harness - 2



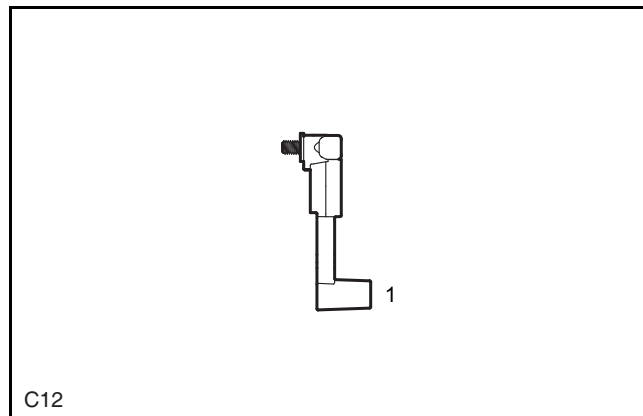
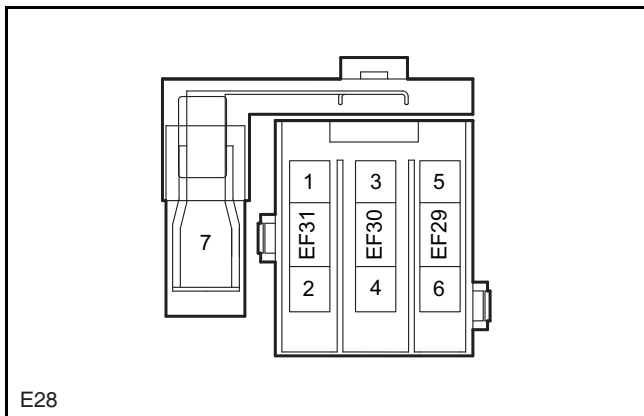
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 1

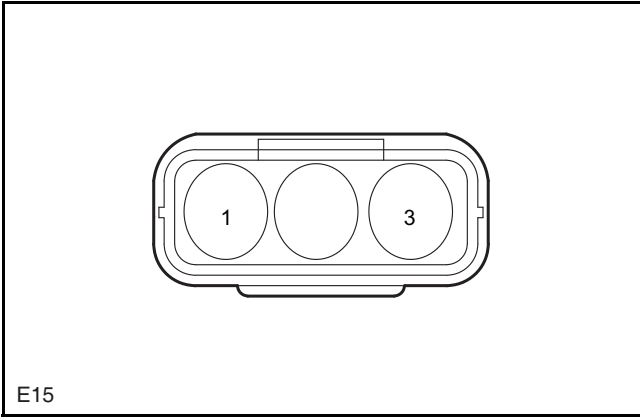


Battery Positive Fuse Box

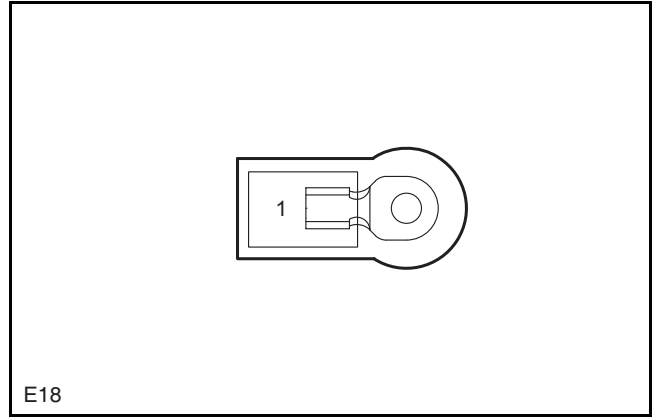
Battery Negative



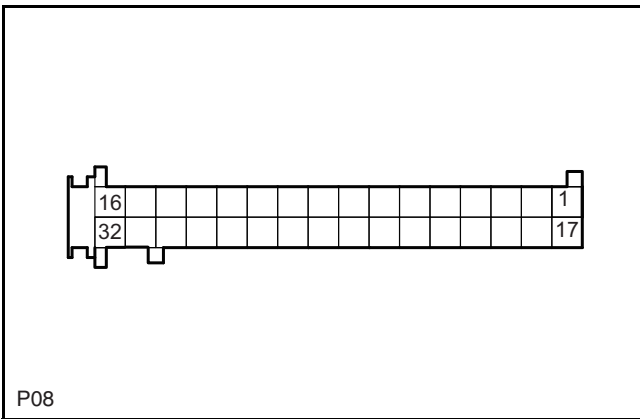
Alternator - 2



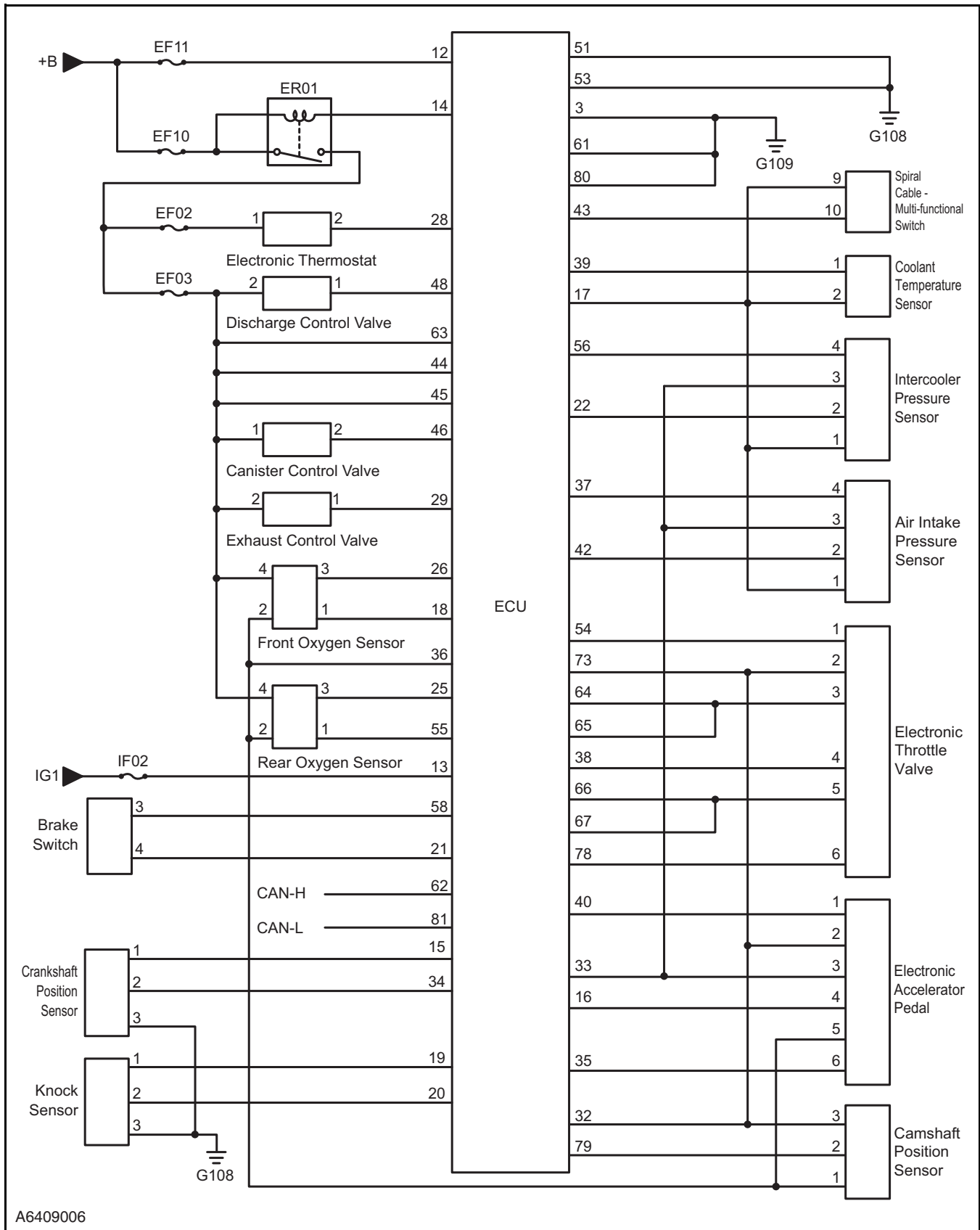
Alternator - 1



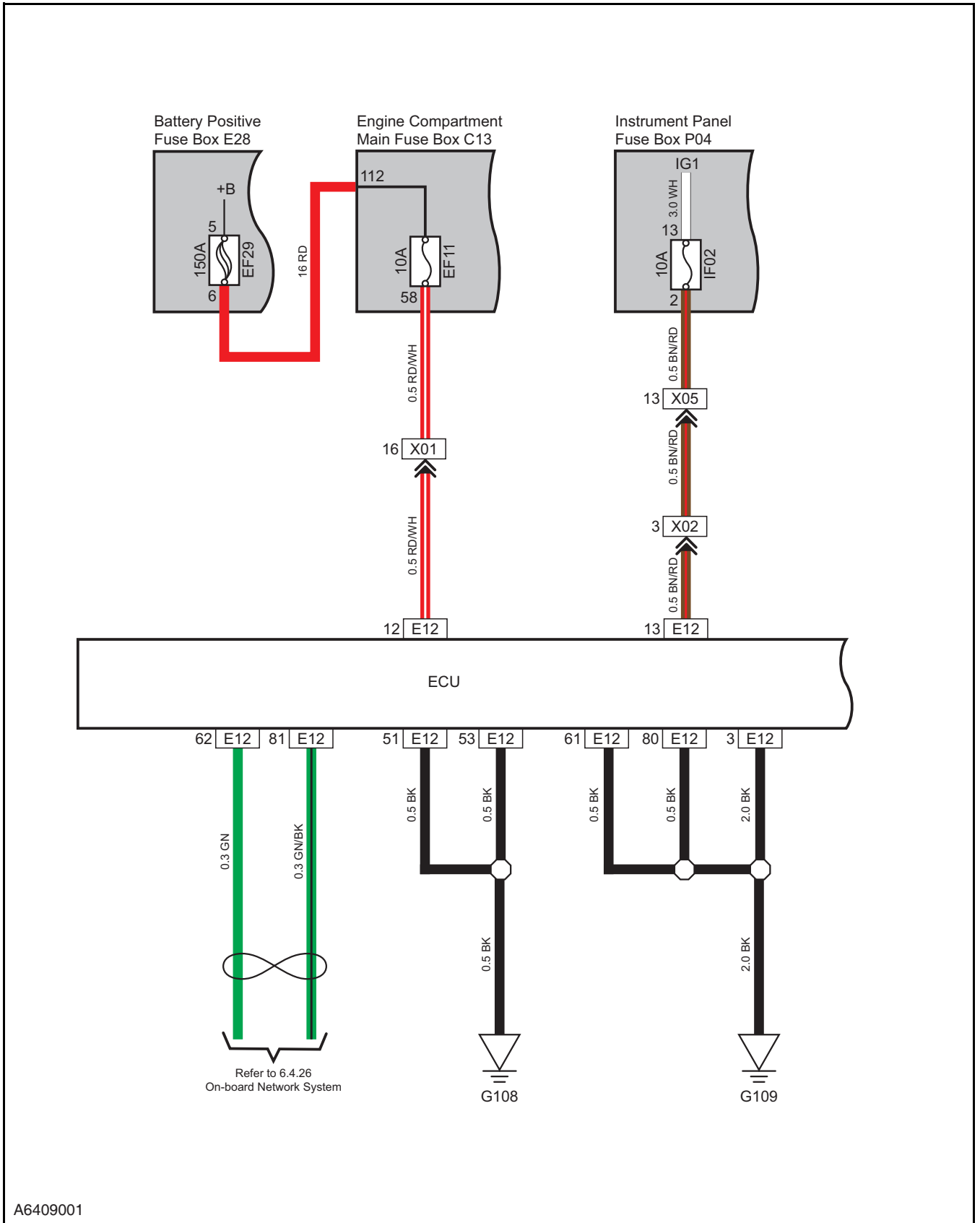
Instrument Cluster



Electronic Control System

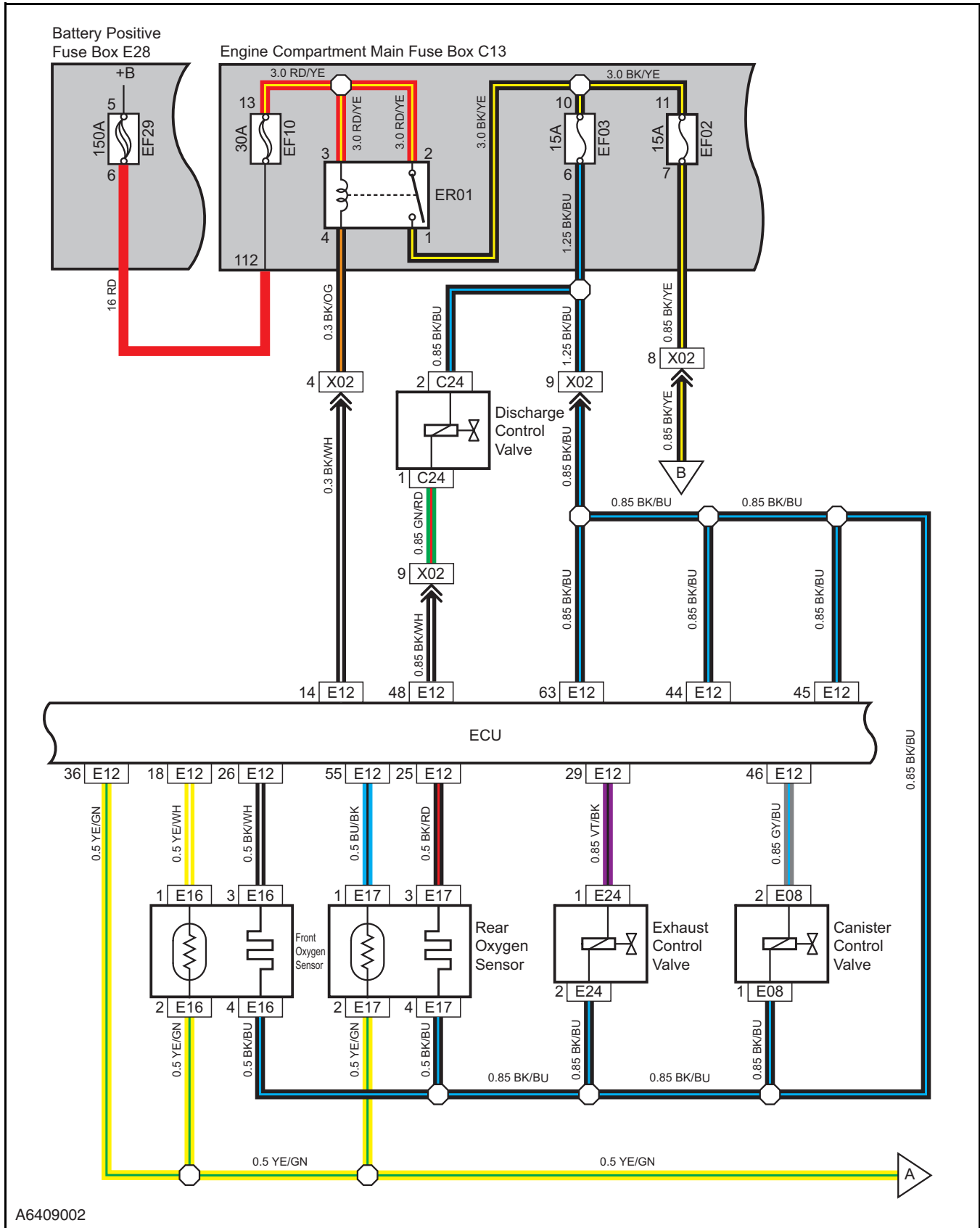


Power Supply

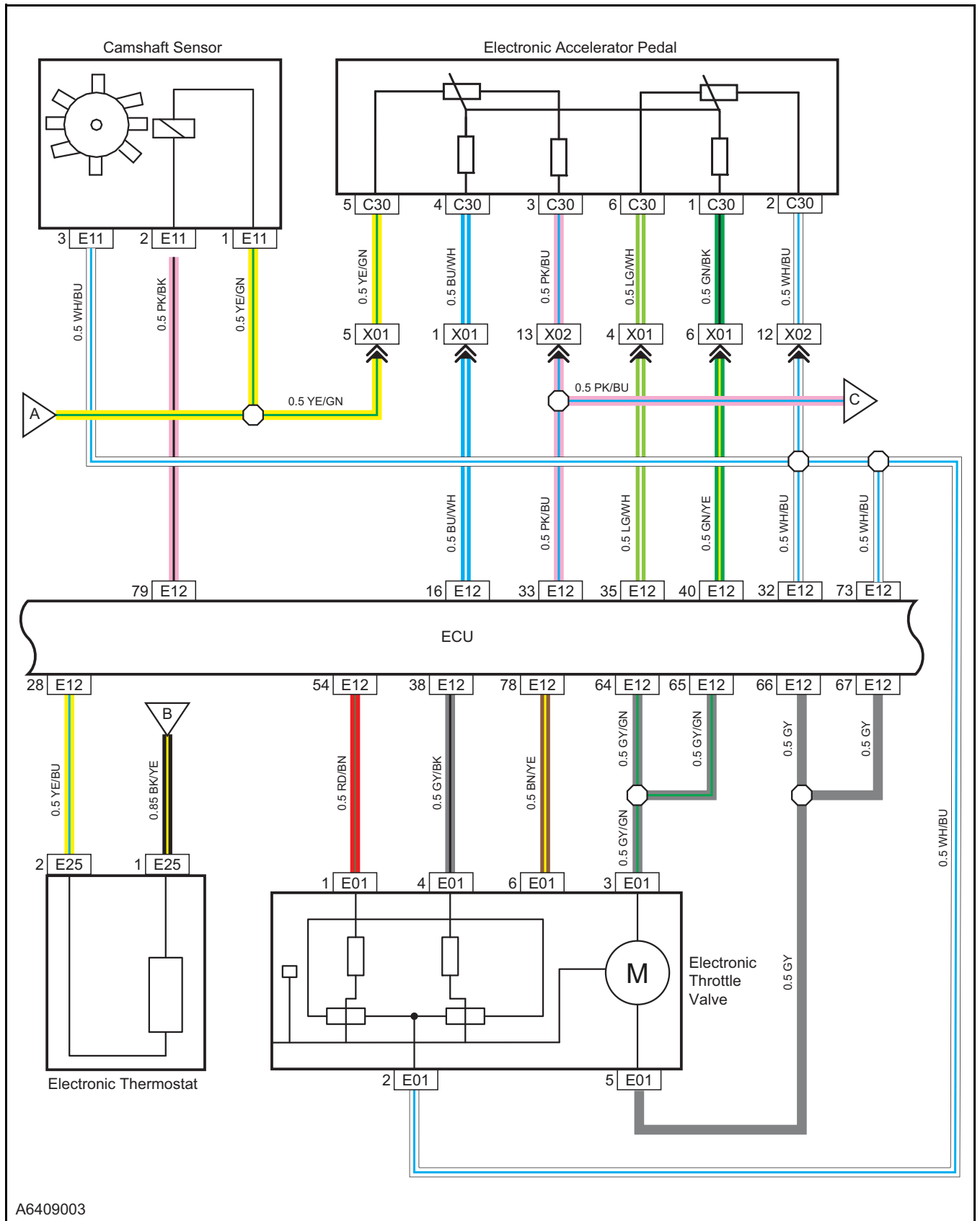


A6409001

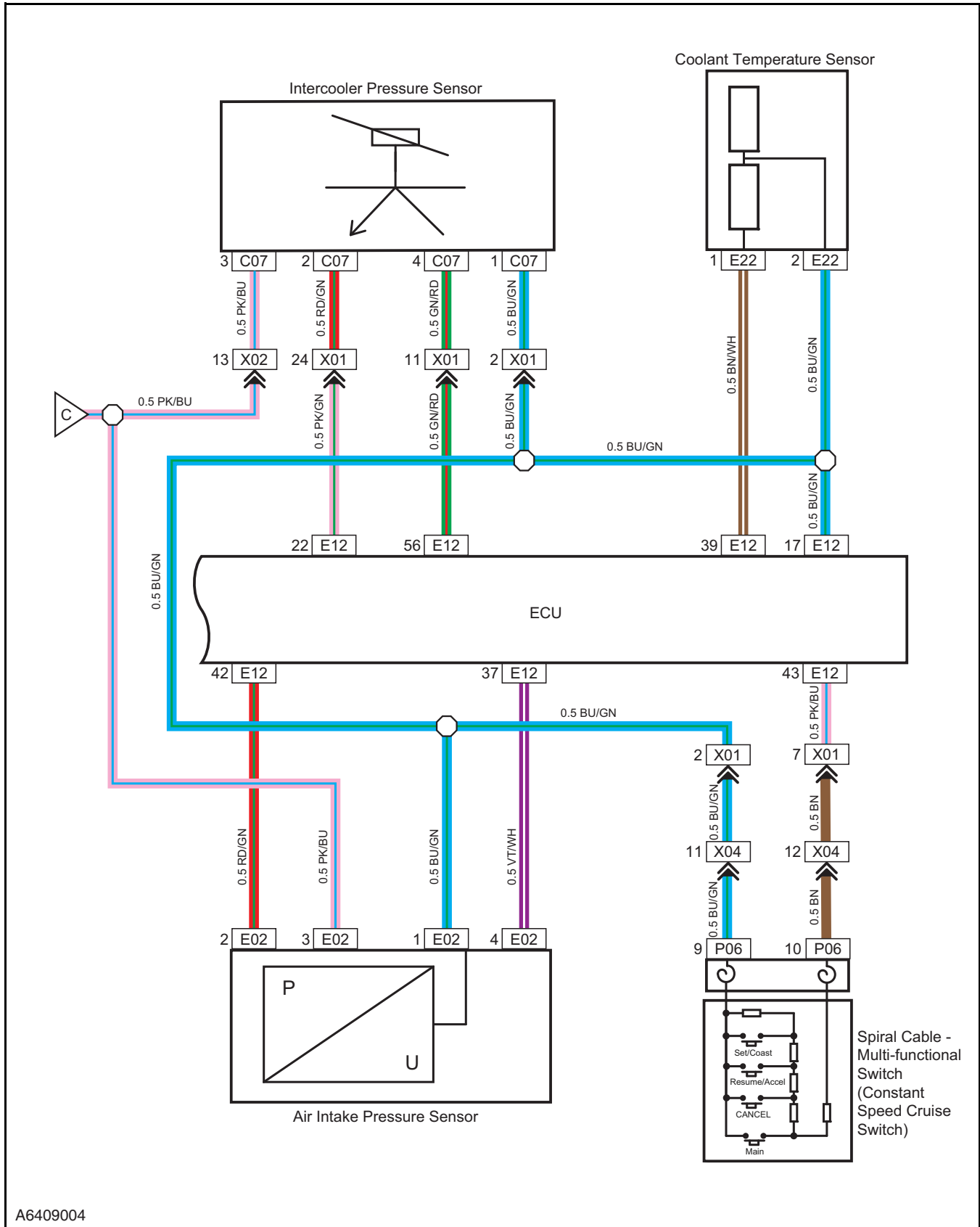
Power Supply/Discharge Control Valve/Oxygen Sensor/Exhaust Control Valve/Canister Control Valve



Camshaft Sensor/Electronic Accelerator Pedal/Electronic Thermostat/
Electronic Throttle

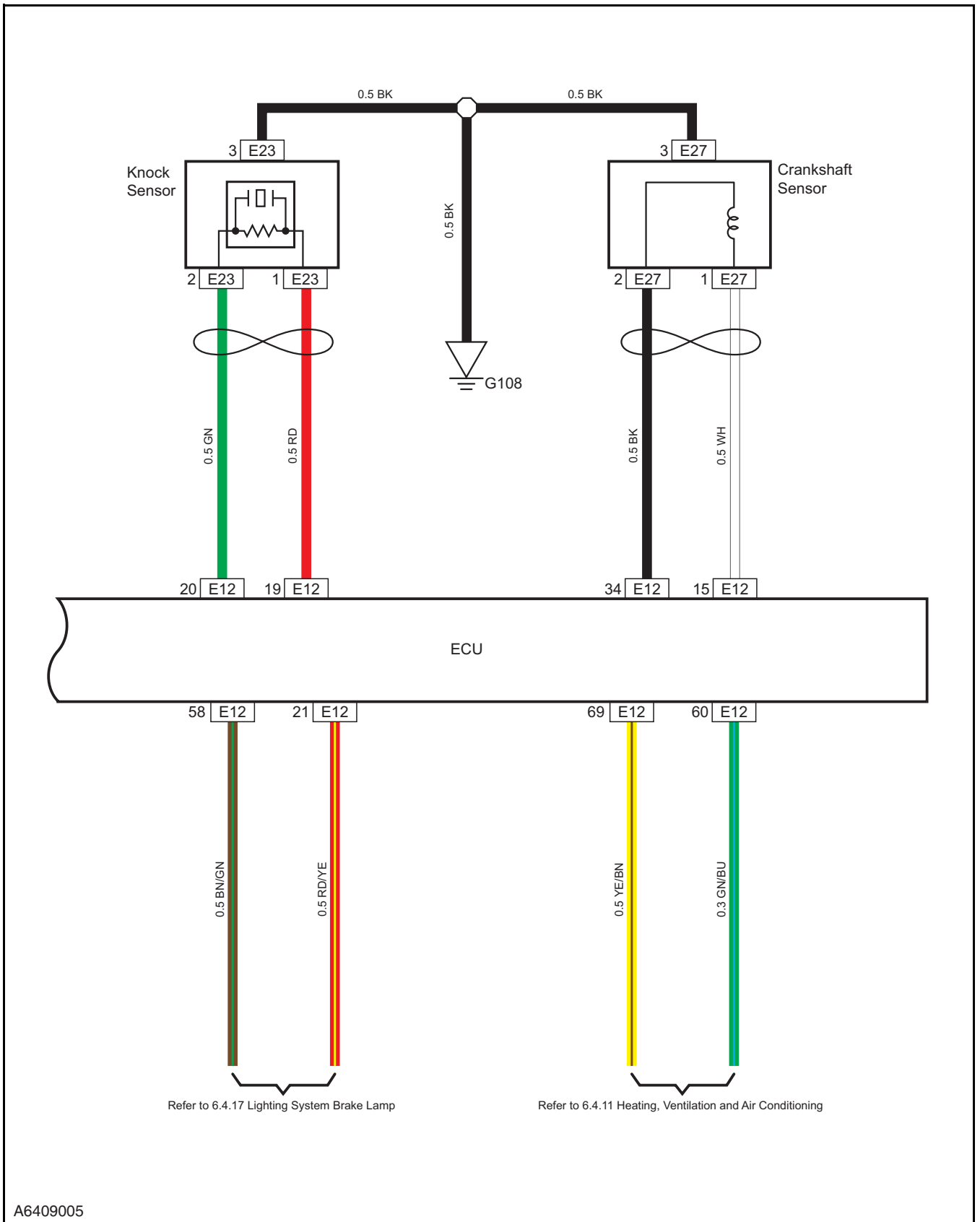


Intercooler Pressure Sensor/Coolant Temperature Sensor/Air Intake Temperature Sensor/Constant Speed Cruise



A6409004

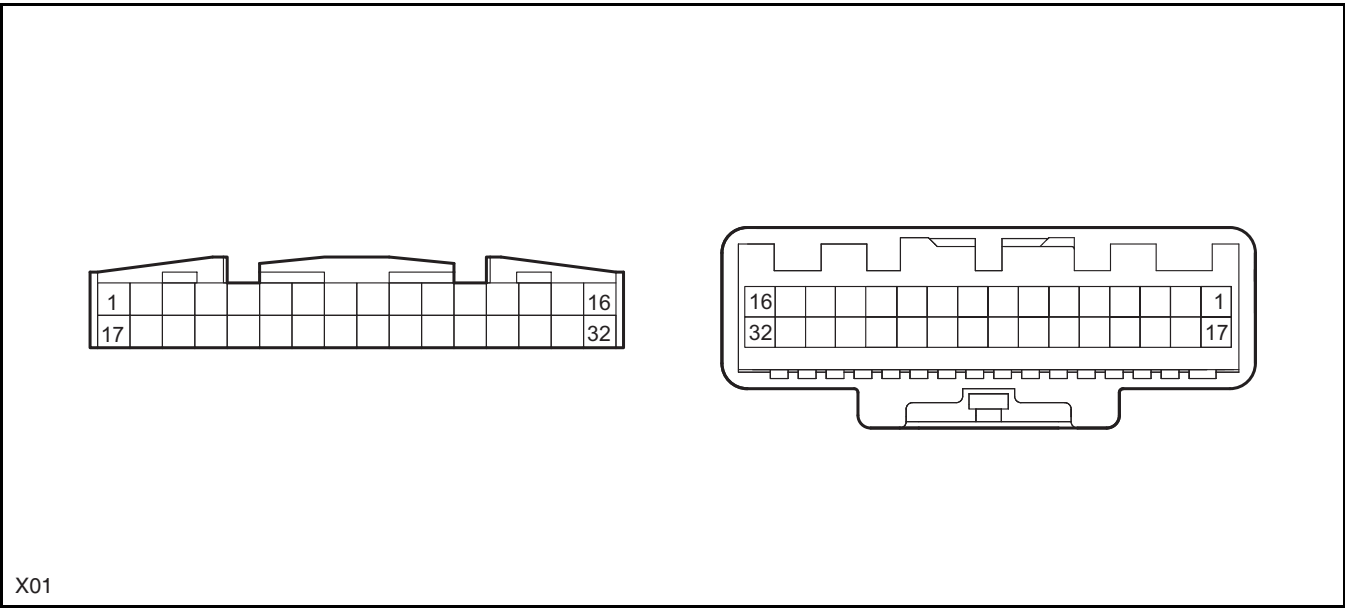
Knock Sensor/Crankshaft Sensor



A6409005

Engine Wiring Harness to Engine Compartment Fuse Box - 1

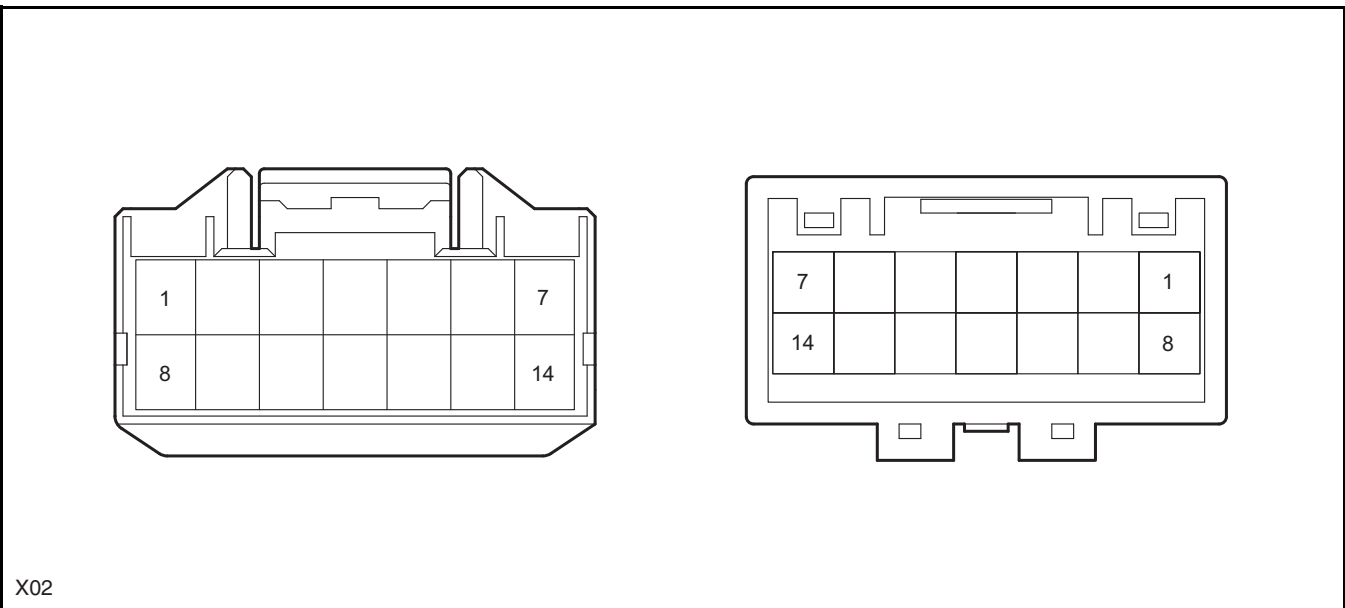
Engine Compartment Fuse Box to Engine Wiring Harness - 1



X01

Engine Wiring Harness to Engine Compartment Fuse Box - 2

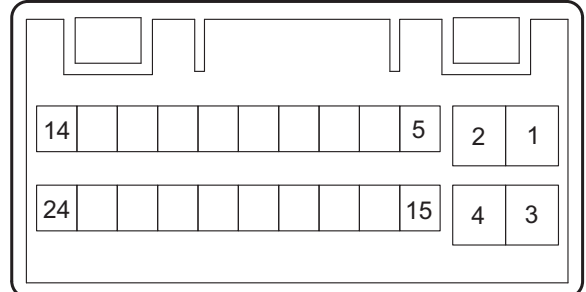
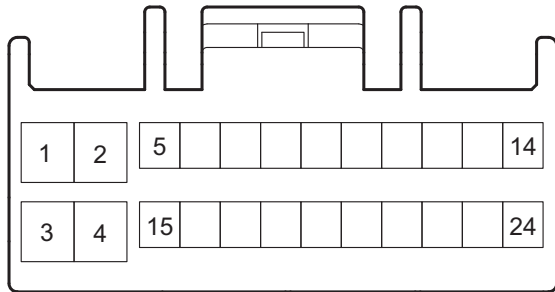
Engine Compartment Fuse Box to Engine Wiring Harness - 2



X02

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 1

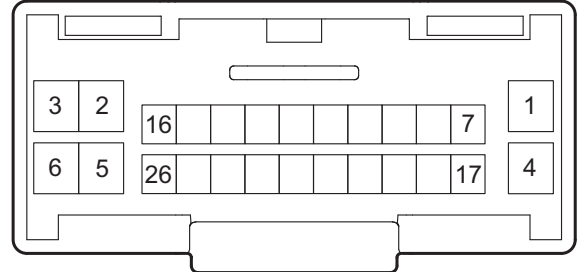
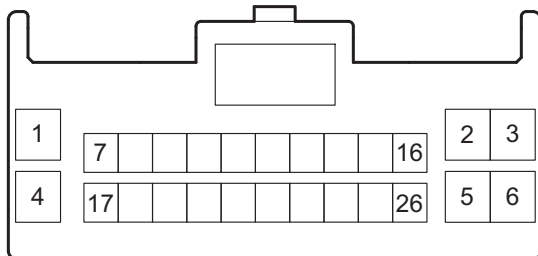
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 1



X04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

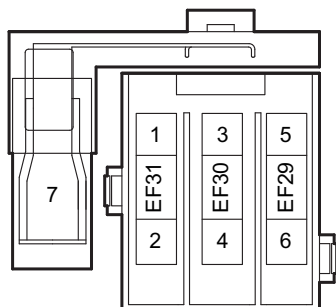
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



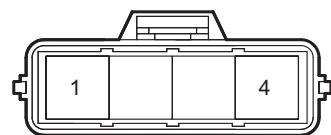
X05

Battery Positive Fuse Box

Intercooler Pressure Sensor

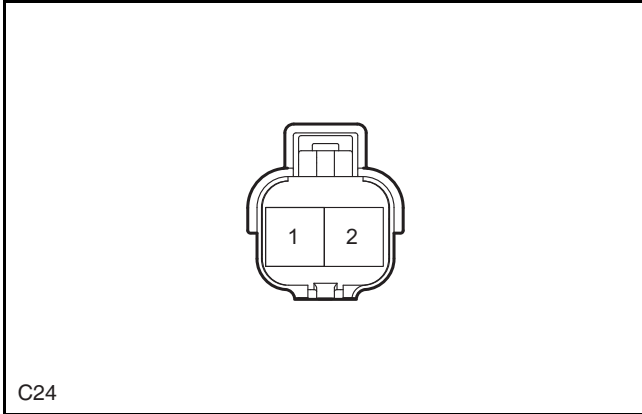


E28

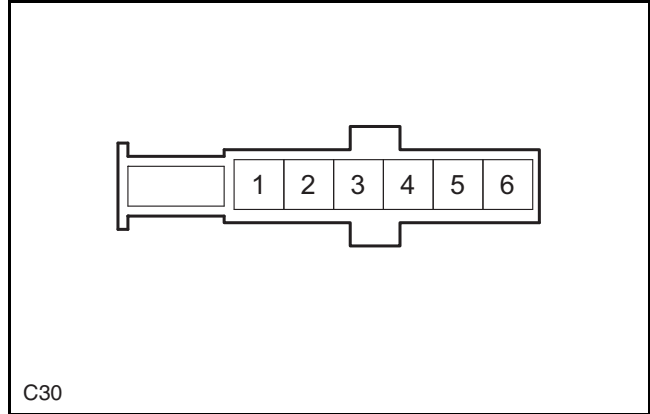


C07

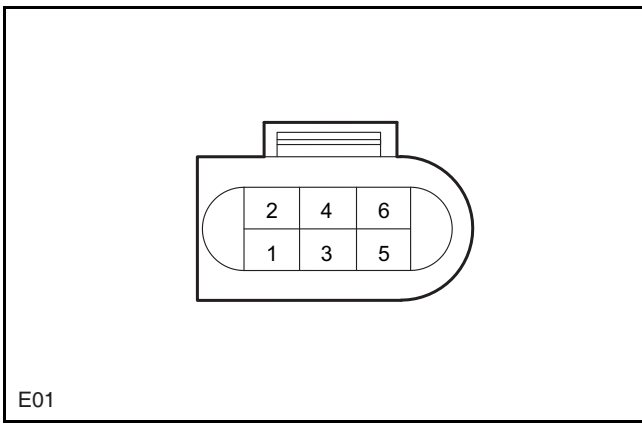
Discharge Control Valve



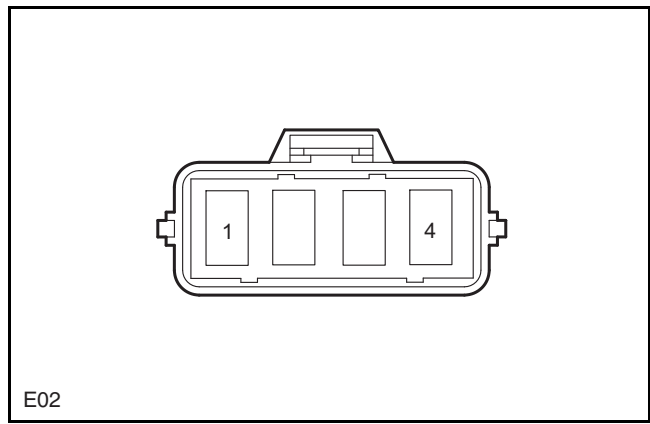
Electronic Accelerator Pedal



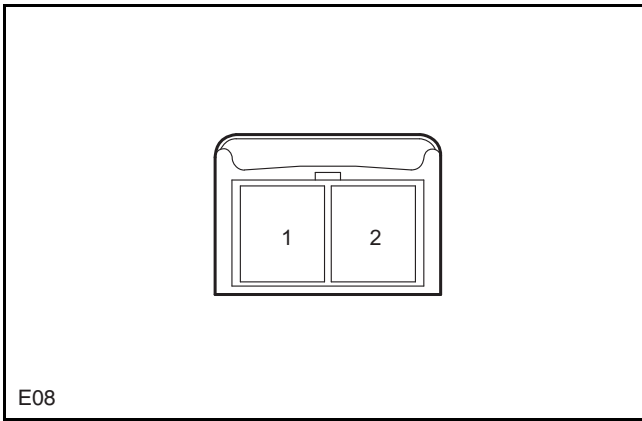
Electronic Throttle



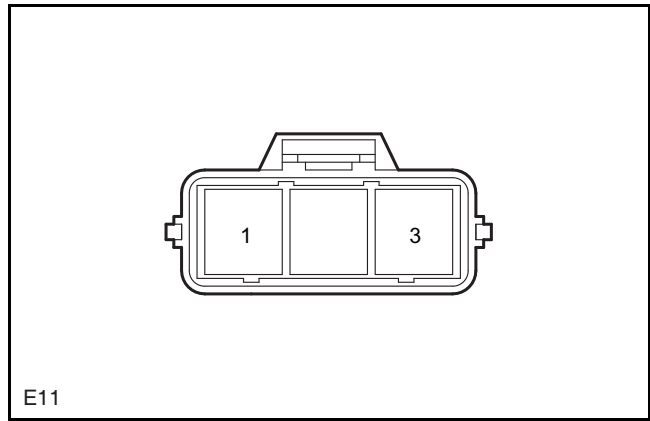
Air Intake Pressure Sensor



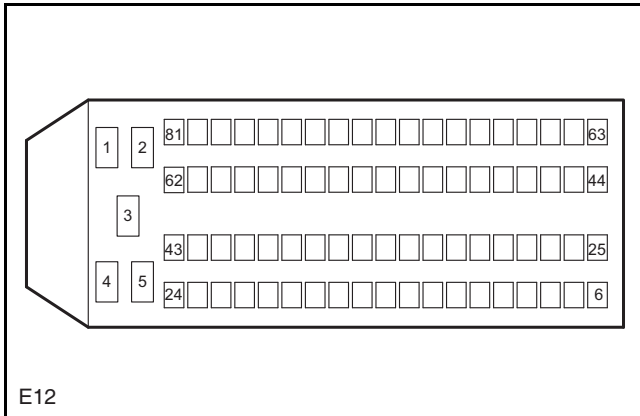
Canister Control Valve



Camshaft Sensor

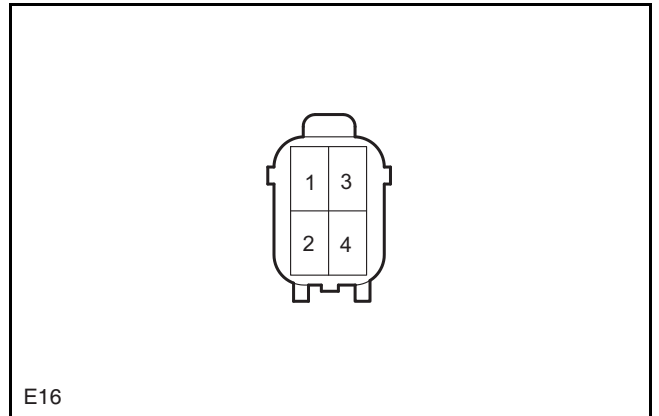


ECU



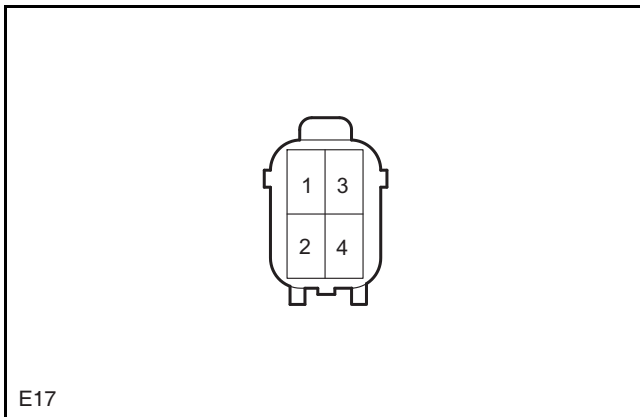
E12

Front Oxygen Sensor



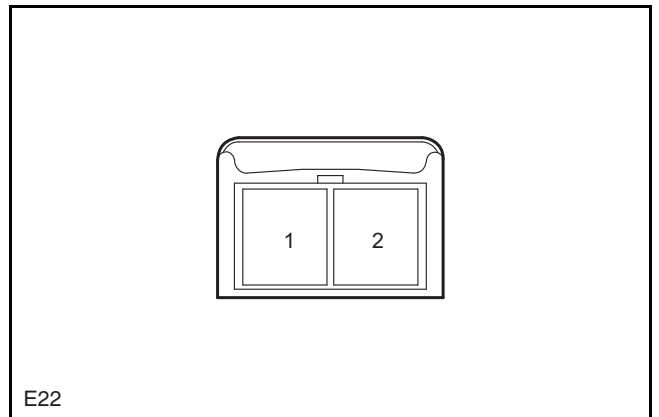
E16

Rear Oxygen Sensor



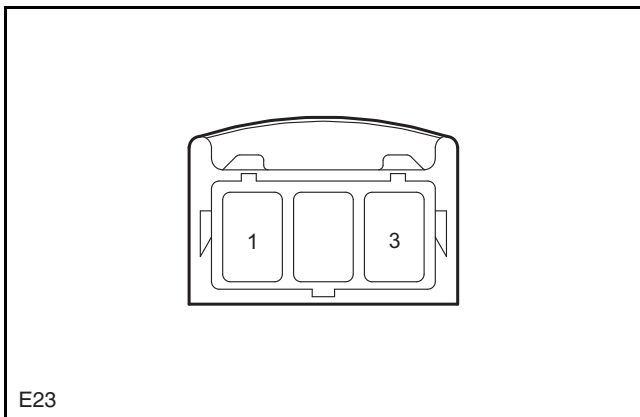
E17

Coolant Temperature Sensor



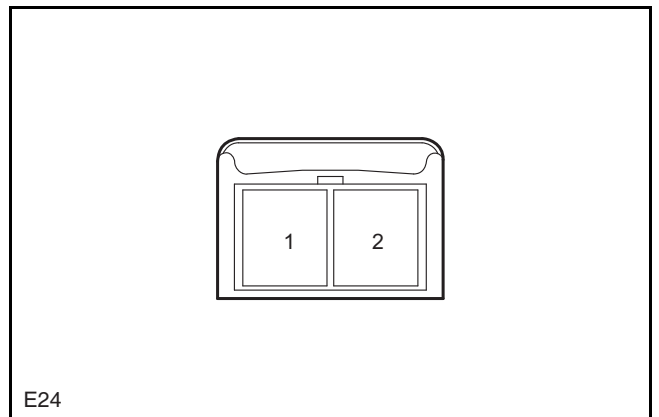
E22

Knock Sensor



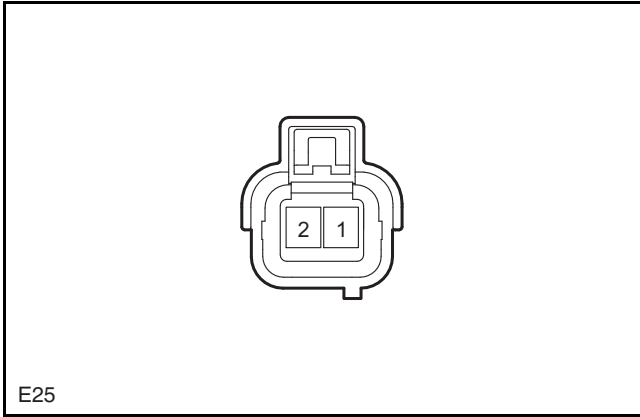
E23

Exhaust Control Valve

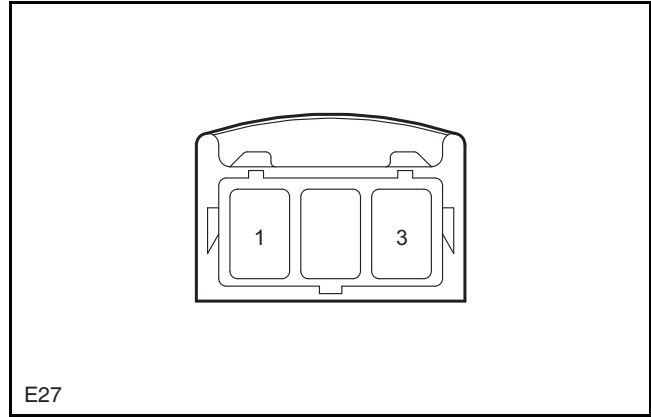


E24

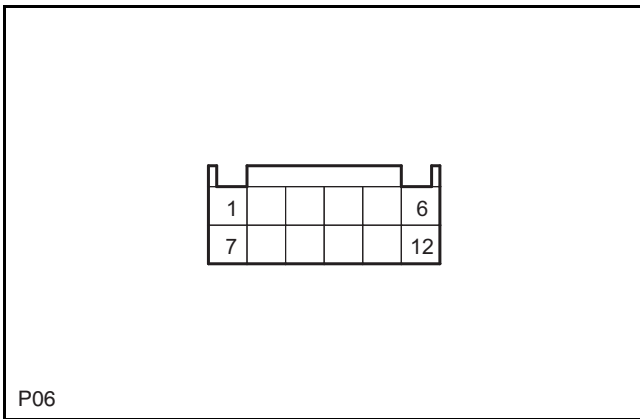
Electronic Thermostat



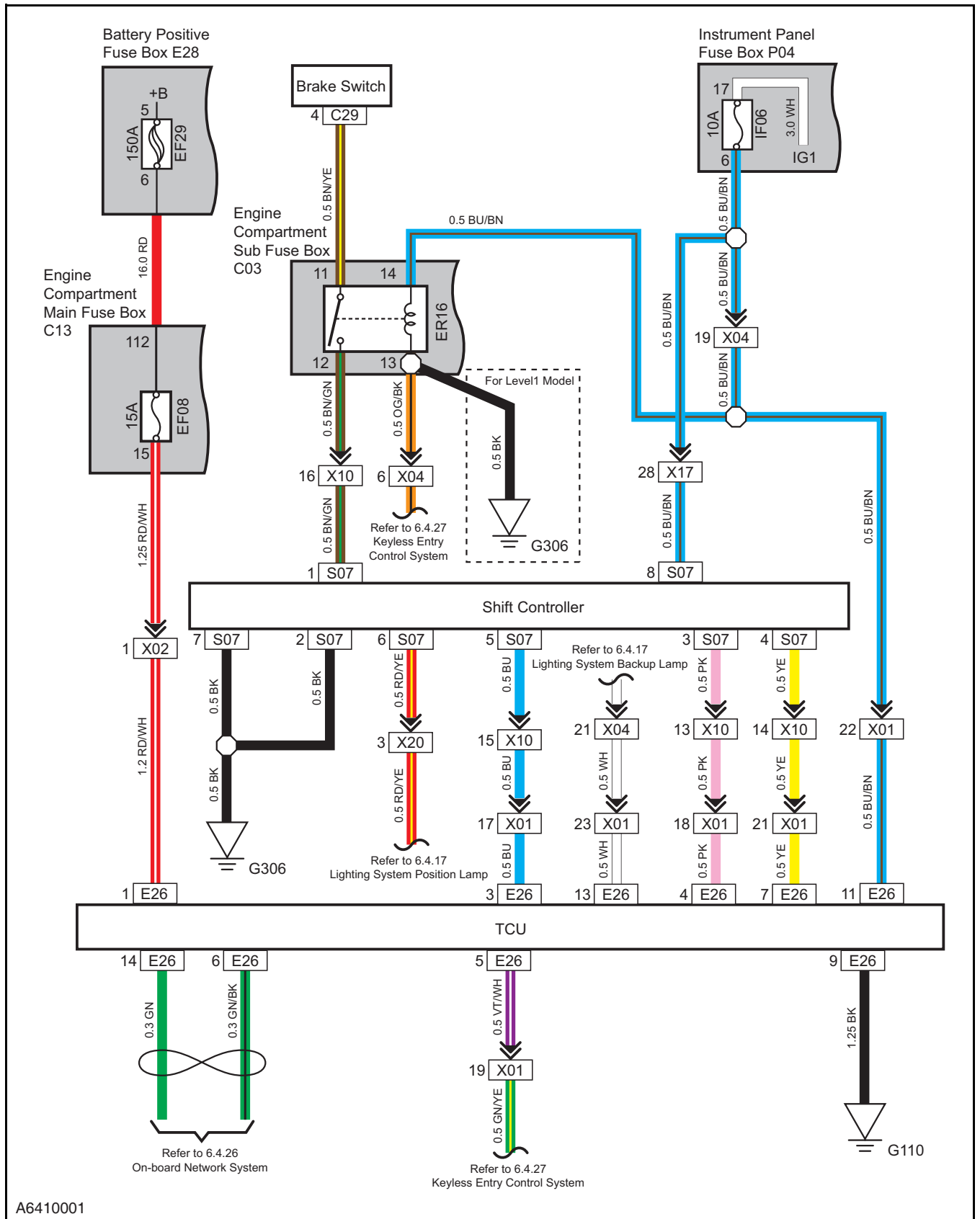
Crankshaft Sensor



Spiral Cable - Multi-functional Switch

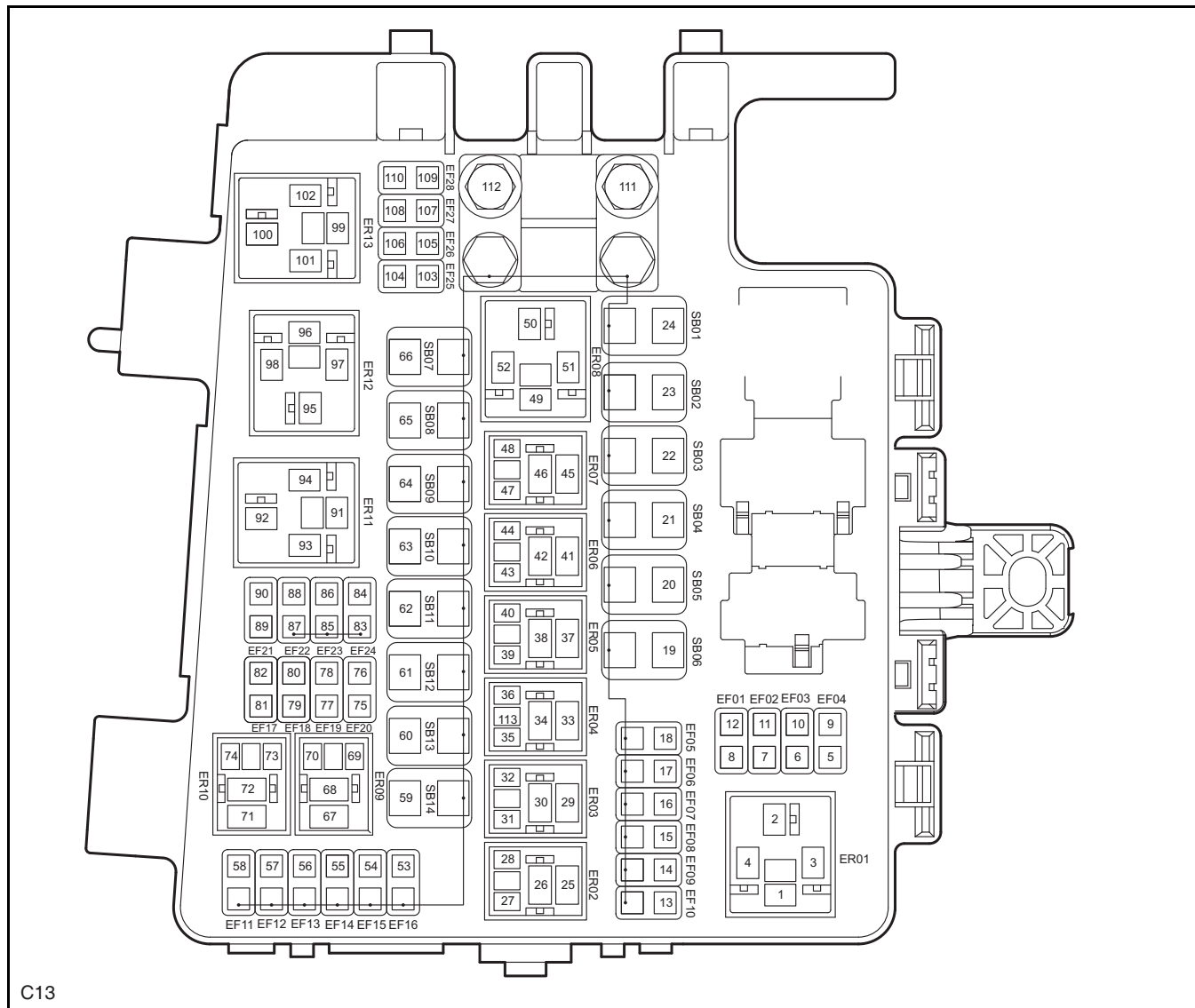


Automatic Transmission

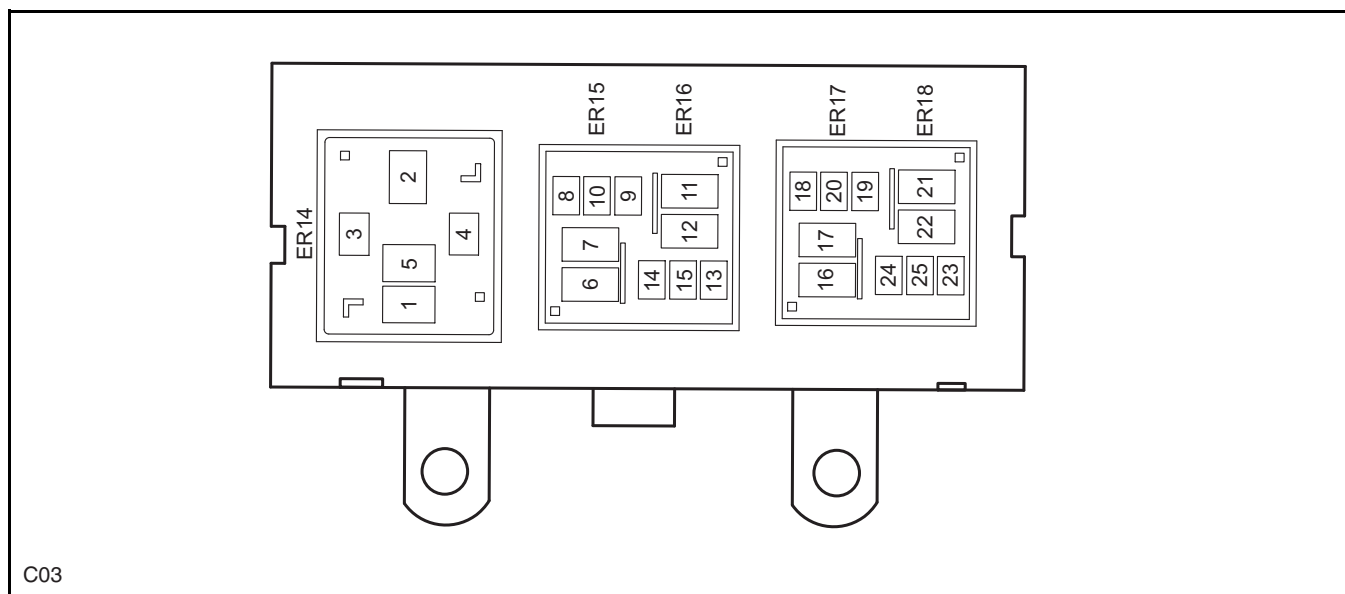


A6410001

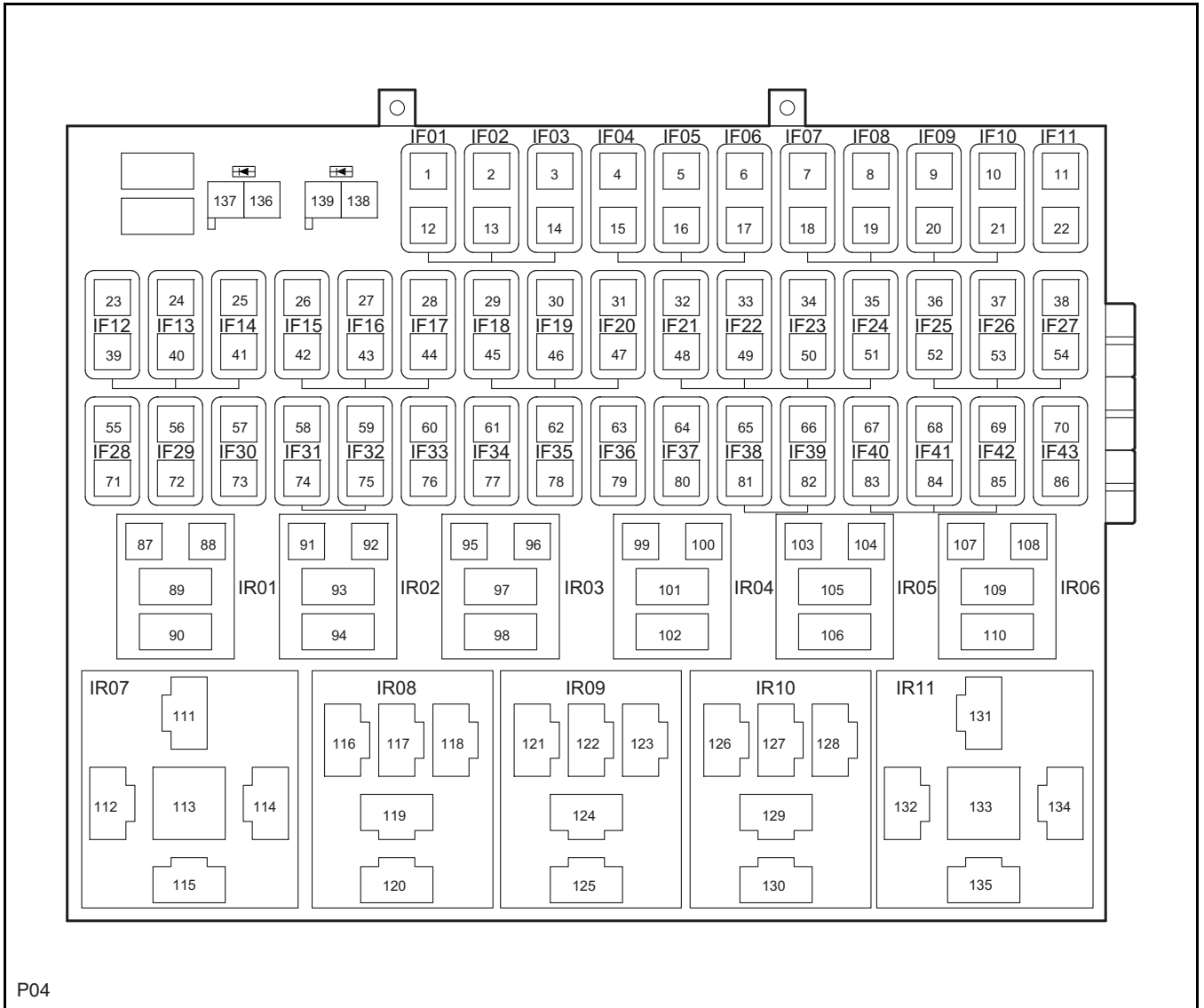
Engine Compartment Main Fuse Box



Engine Compartment Sub Fuse Box



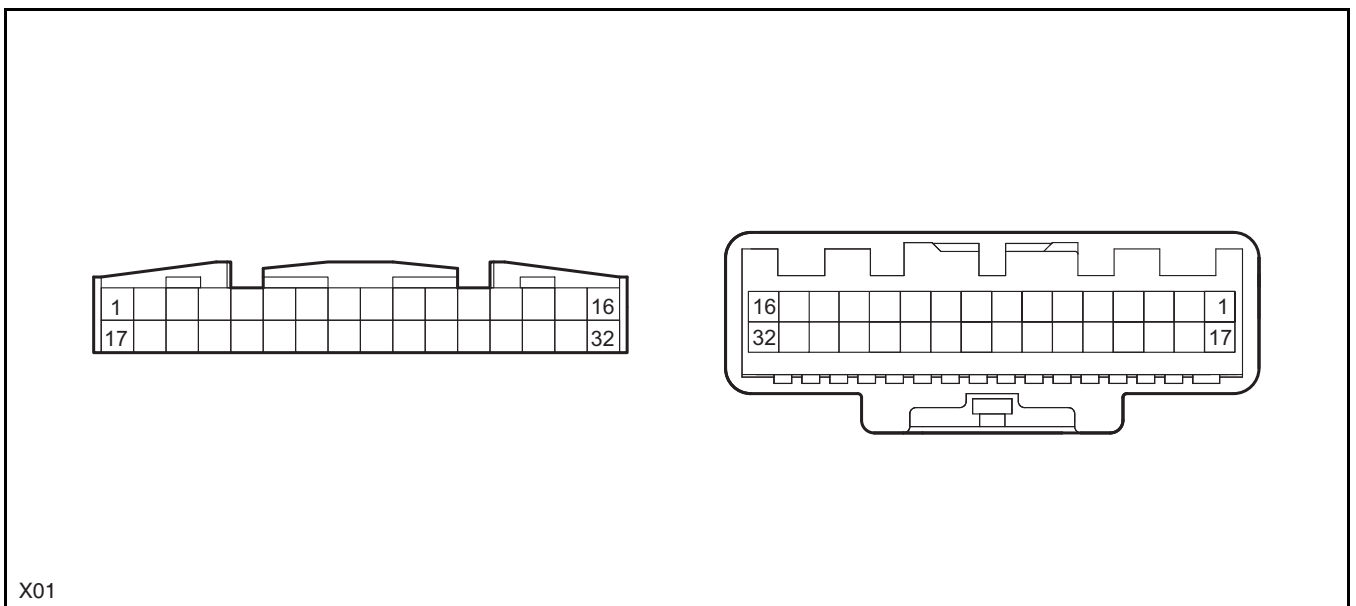
Instrument Panel Fuse Box



P04

Engine Wiring Harness to Engine Compartment Fuse Box - 1

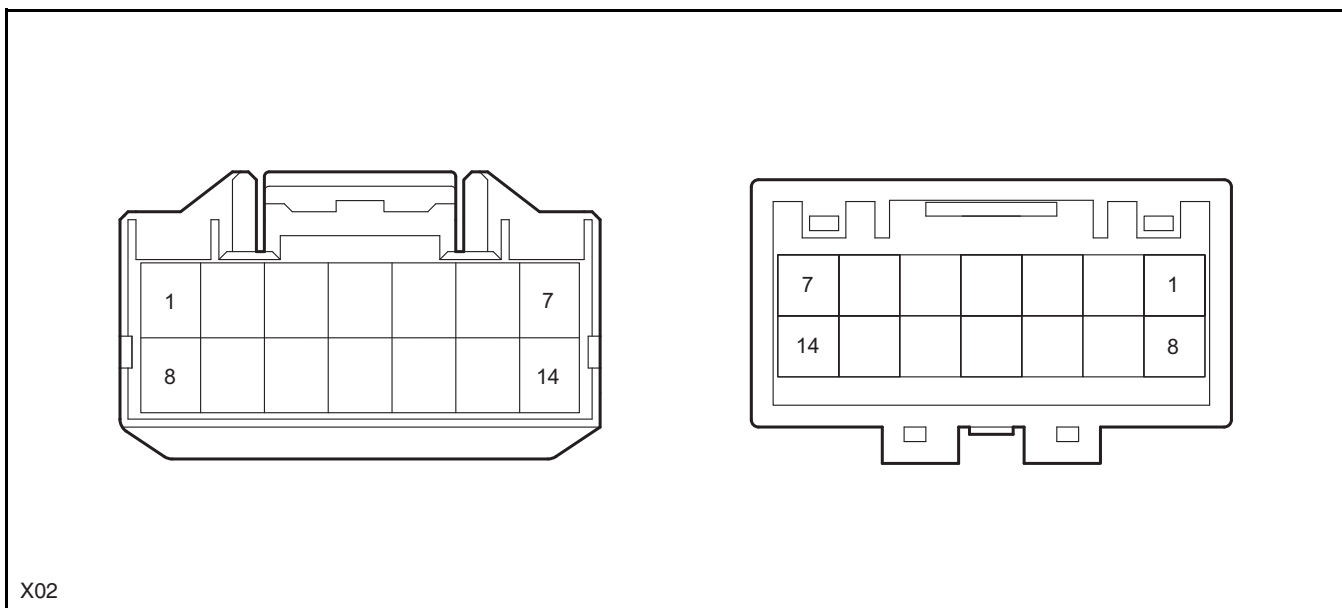
Engine Compartment Fuse Box to Engine Wiring Harness - 1



X01

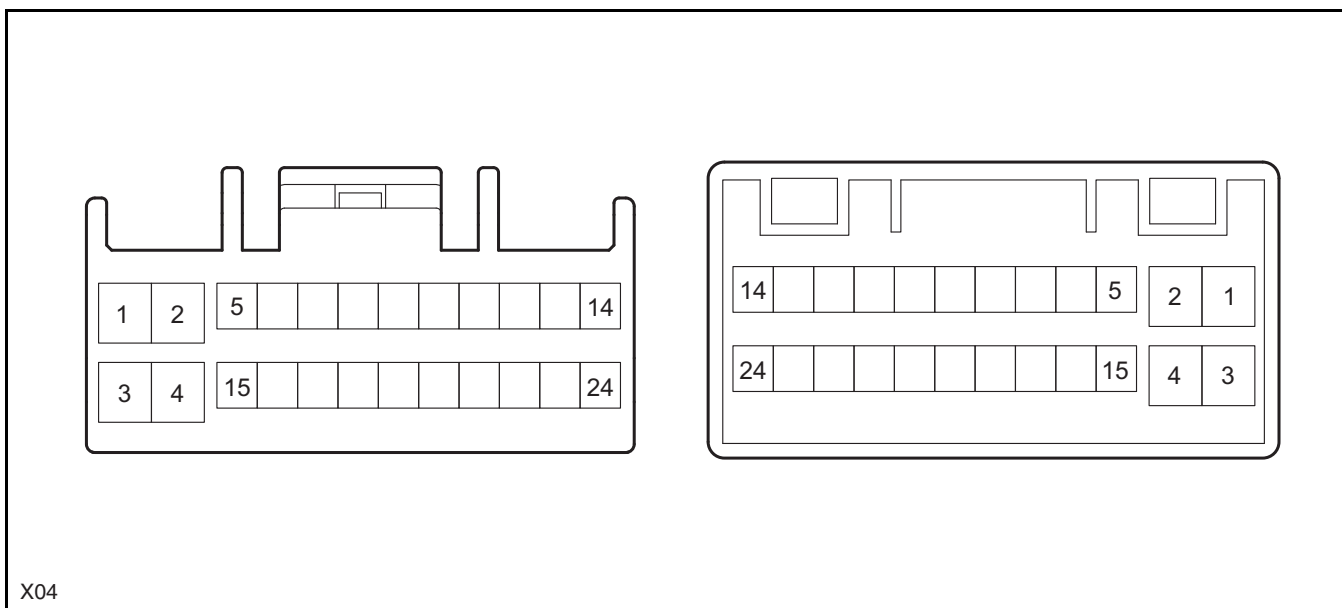
Engine Wiring Harness to Engine Compartment Fuse Box - 2

Engine Compartment Fuse Box to Engine Wiring Harness - 2



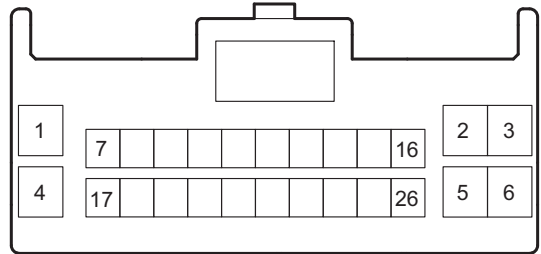
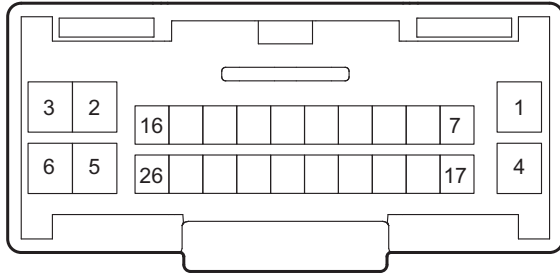
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 1



Chassis Wiring Harness to Engine Compartment Wiring Harness - Left

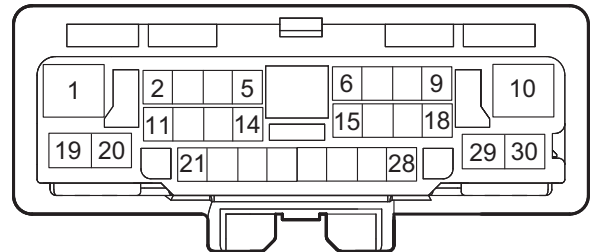
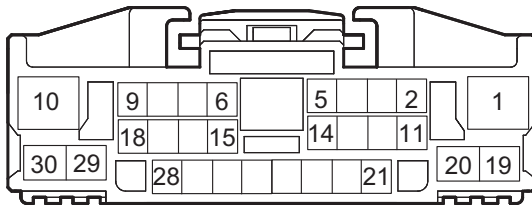
Engine Compartment Wiring Harness to Chassis Wiring Harness - Left



X10

Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

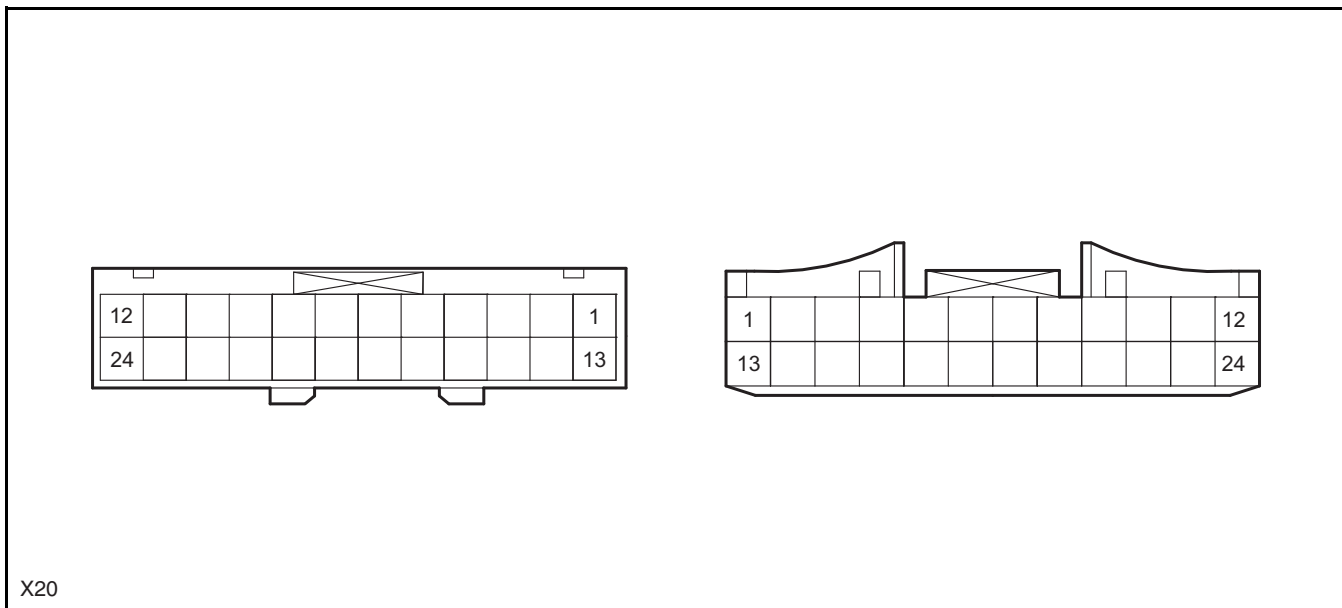
Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



X17

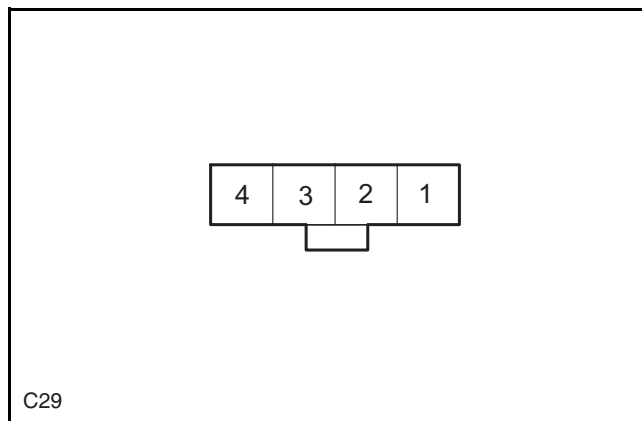
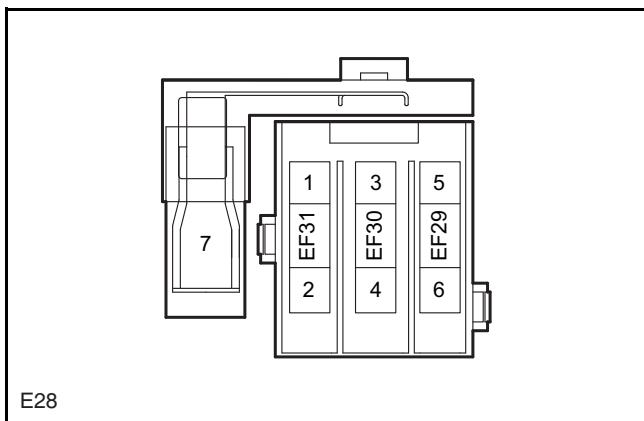
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



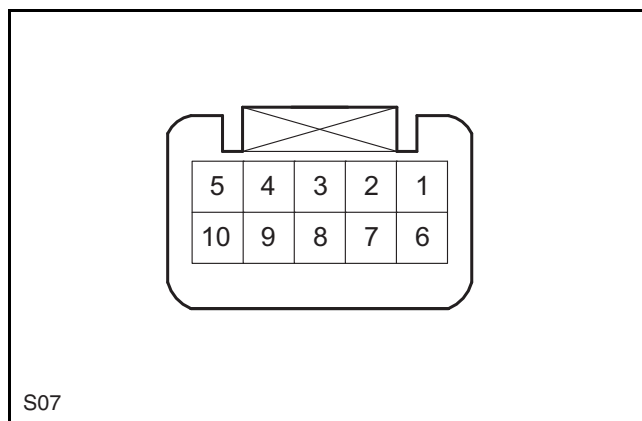
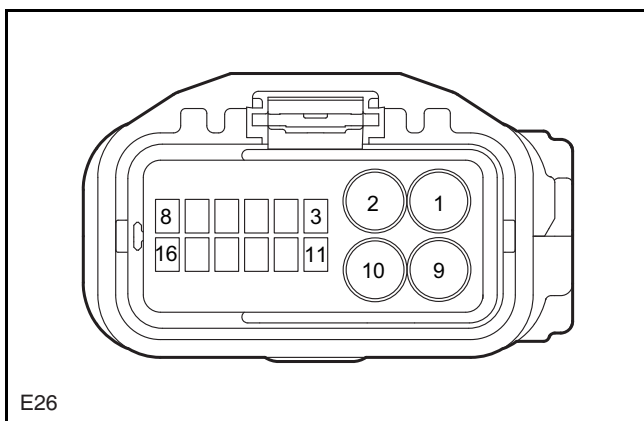
Battery Positive Fuse Box

Brake Switch

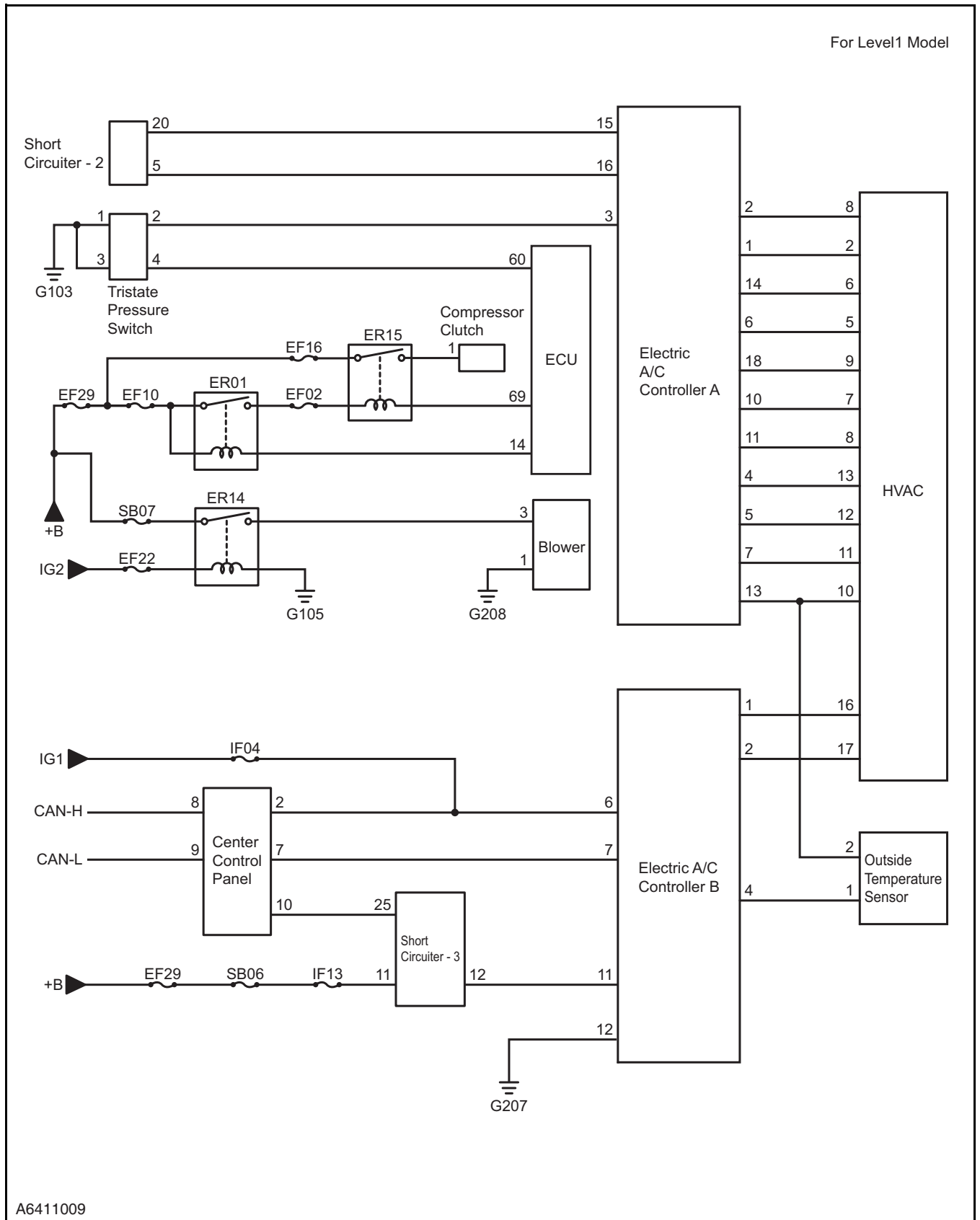


TCU

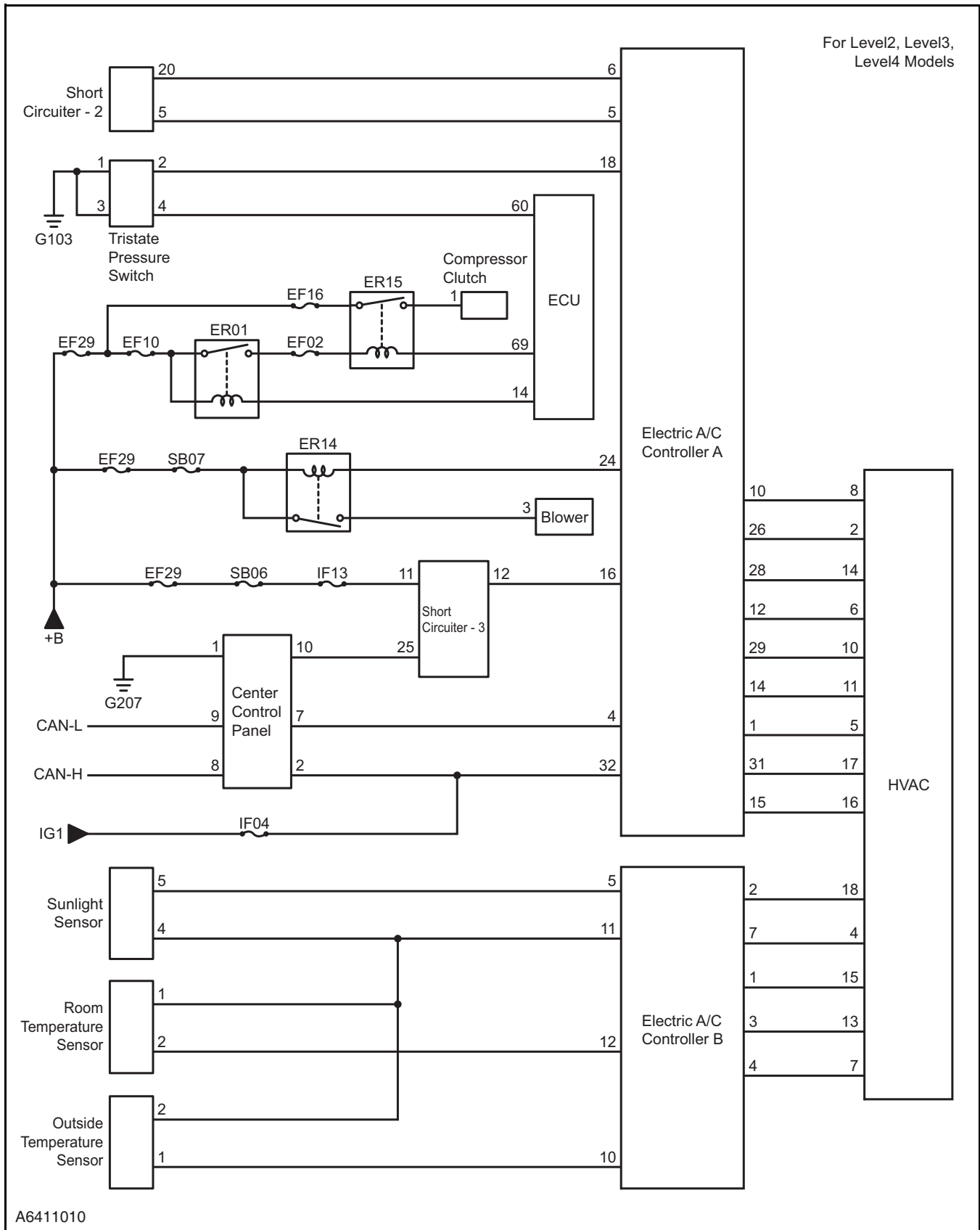
Shift Controller



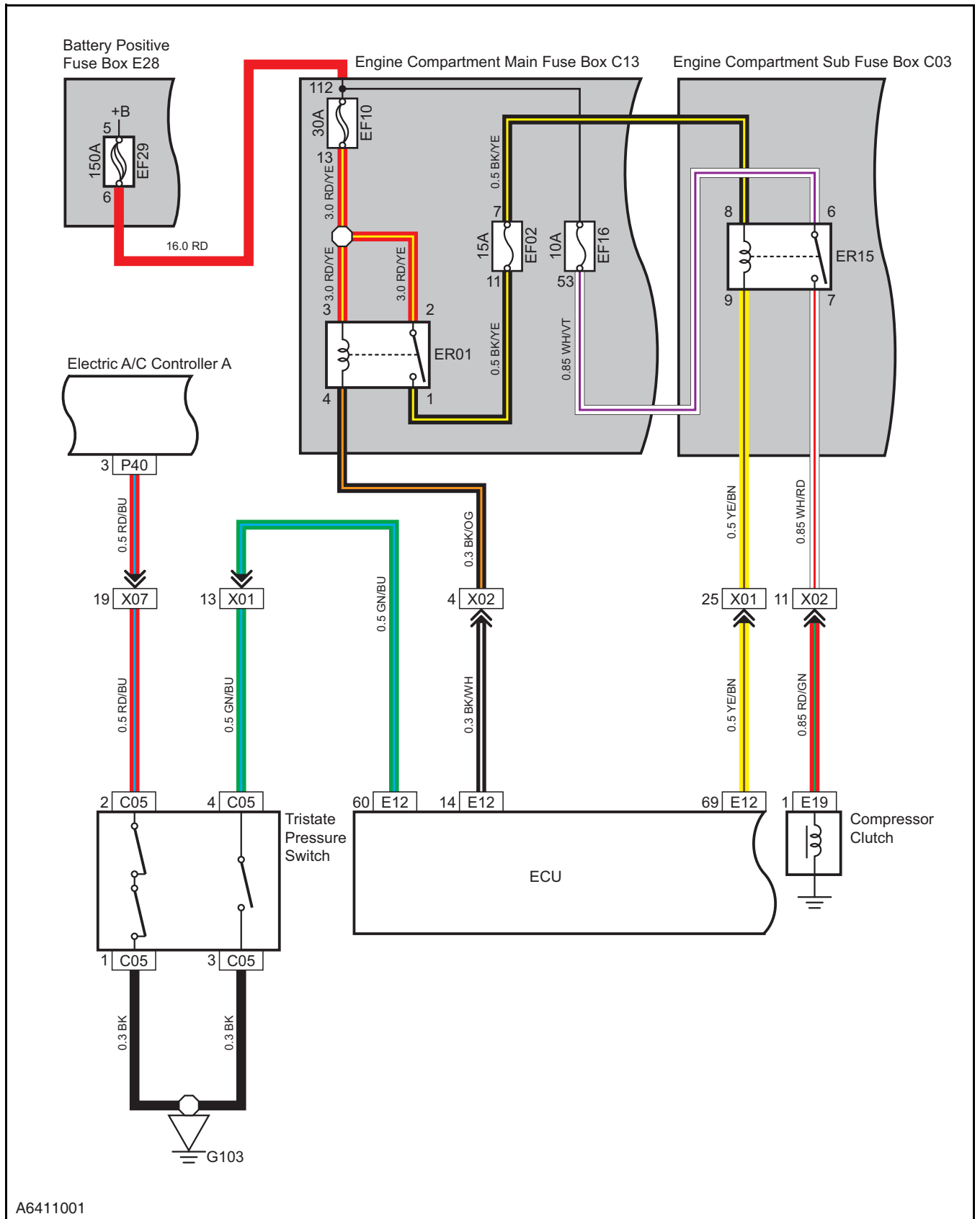
Heating, Ventilation and Air Conditioning - 1



Heating, Ventilation and Air Conditioning - 2

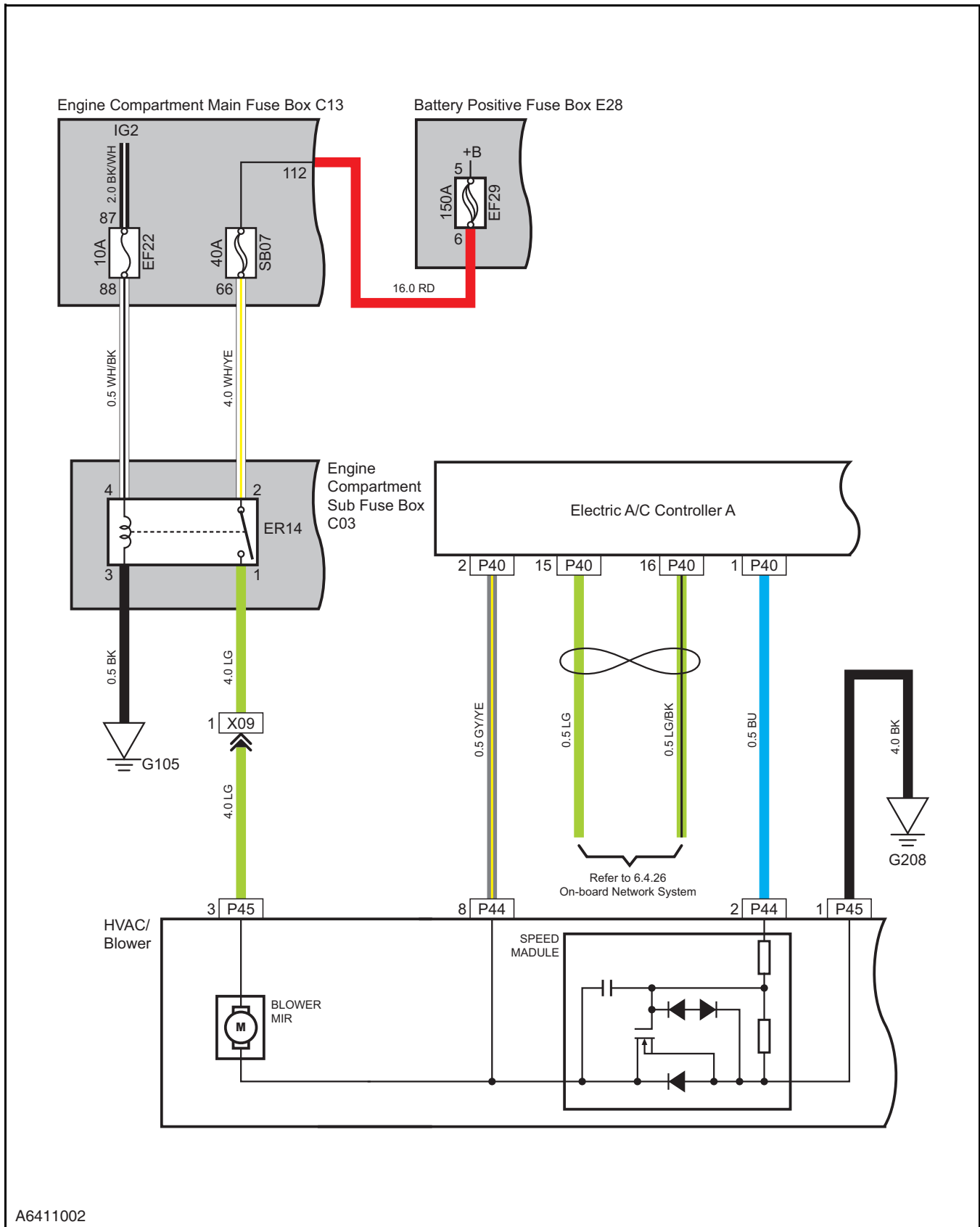


Electric A/C - Pressure Switch/Compressor

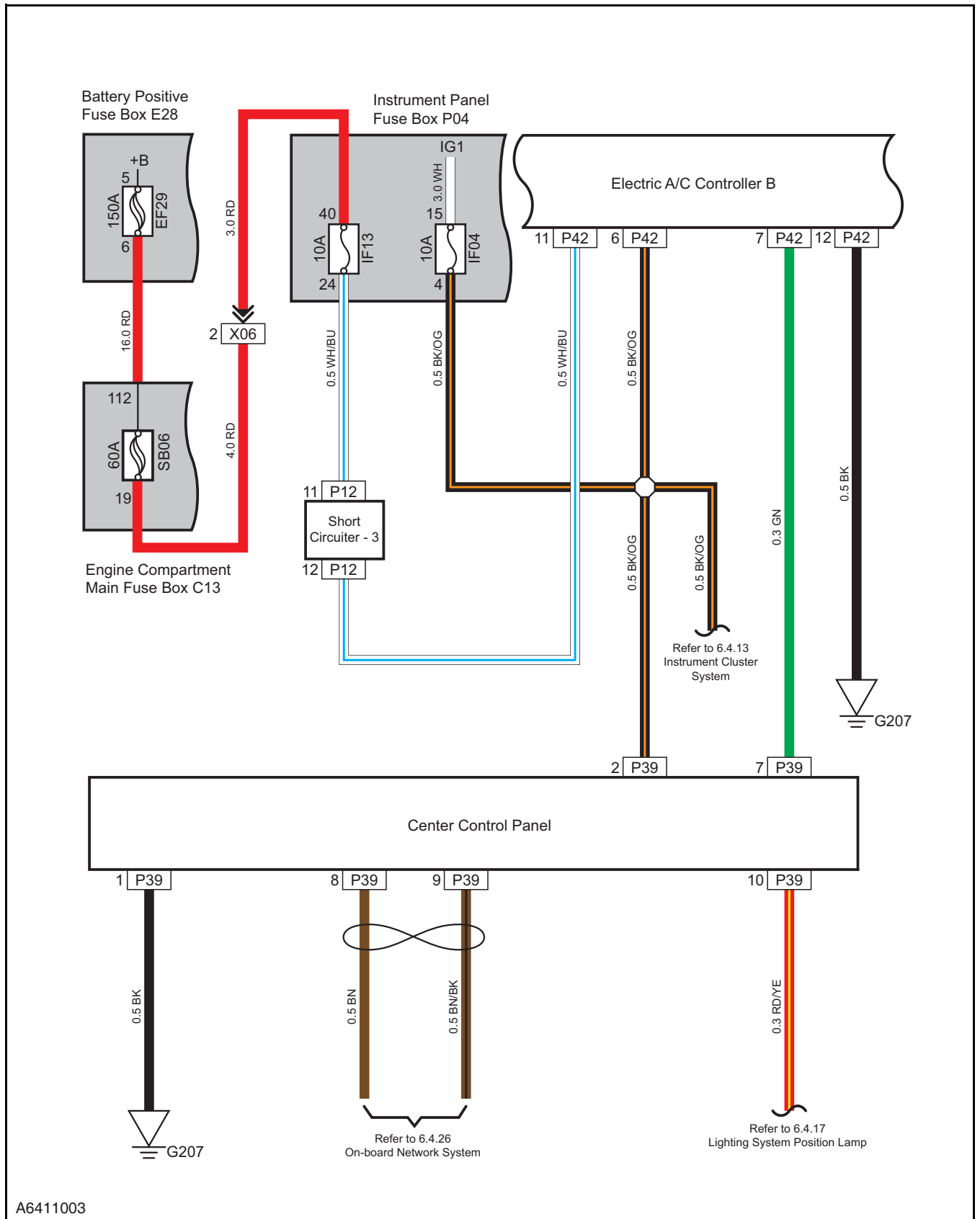


A6411001

Electric A/C - Blower

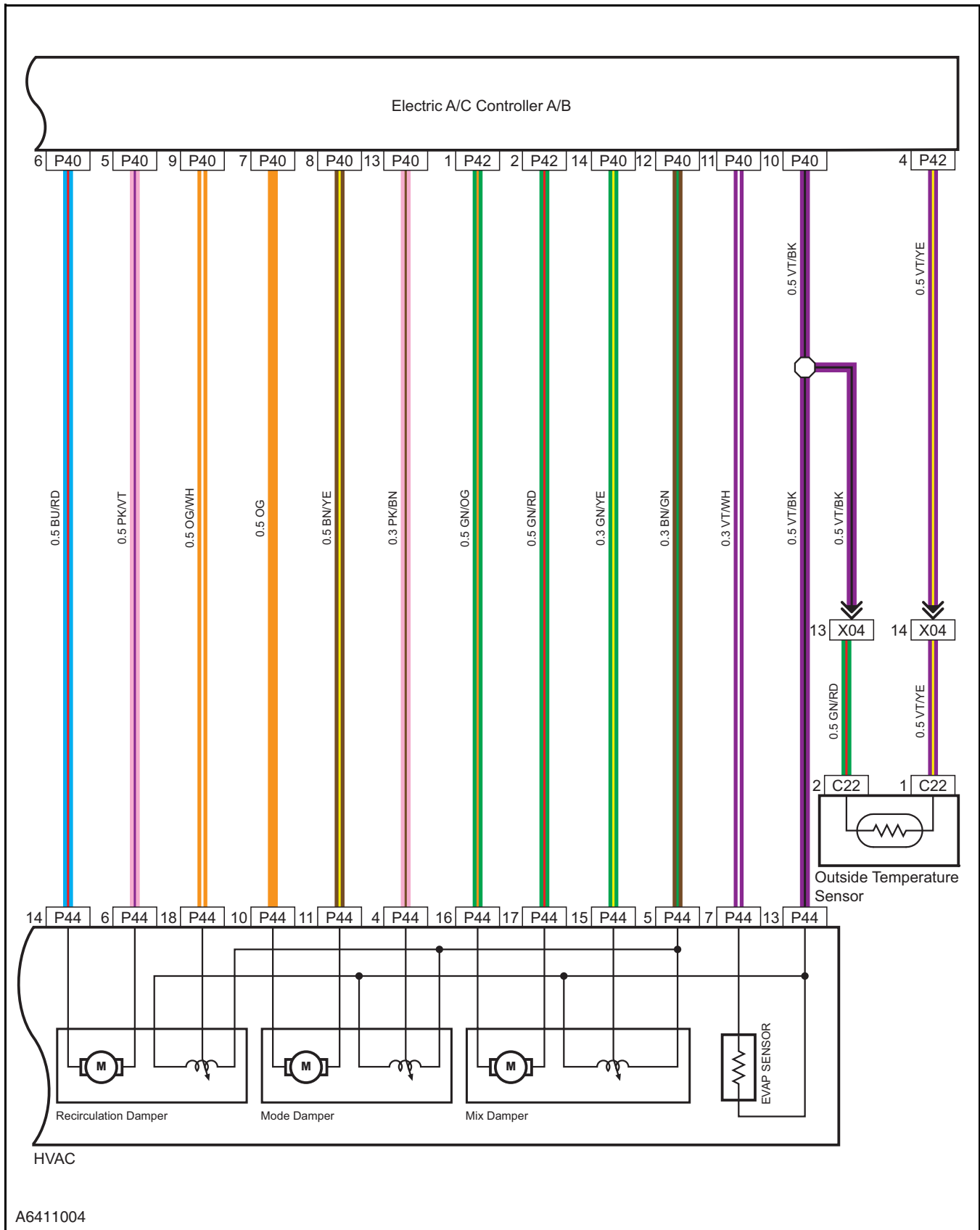


Electric A/C - Power Supply/Controller

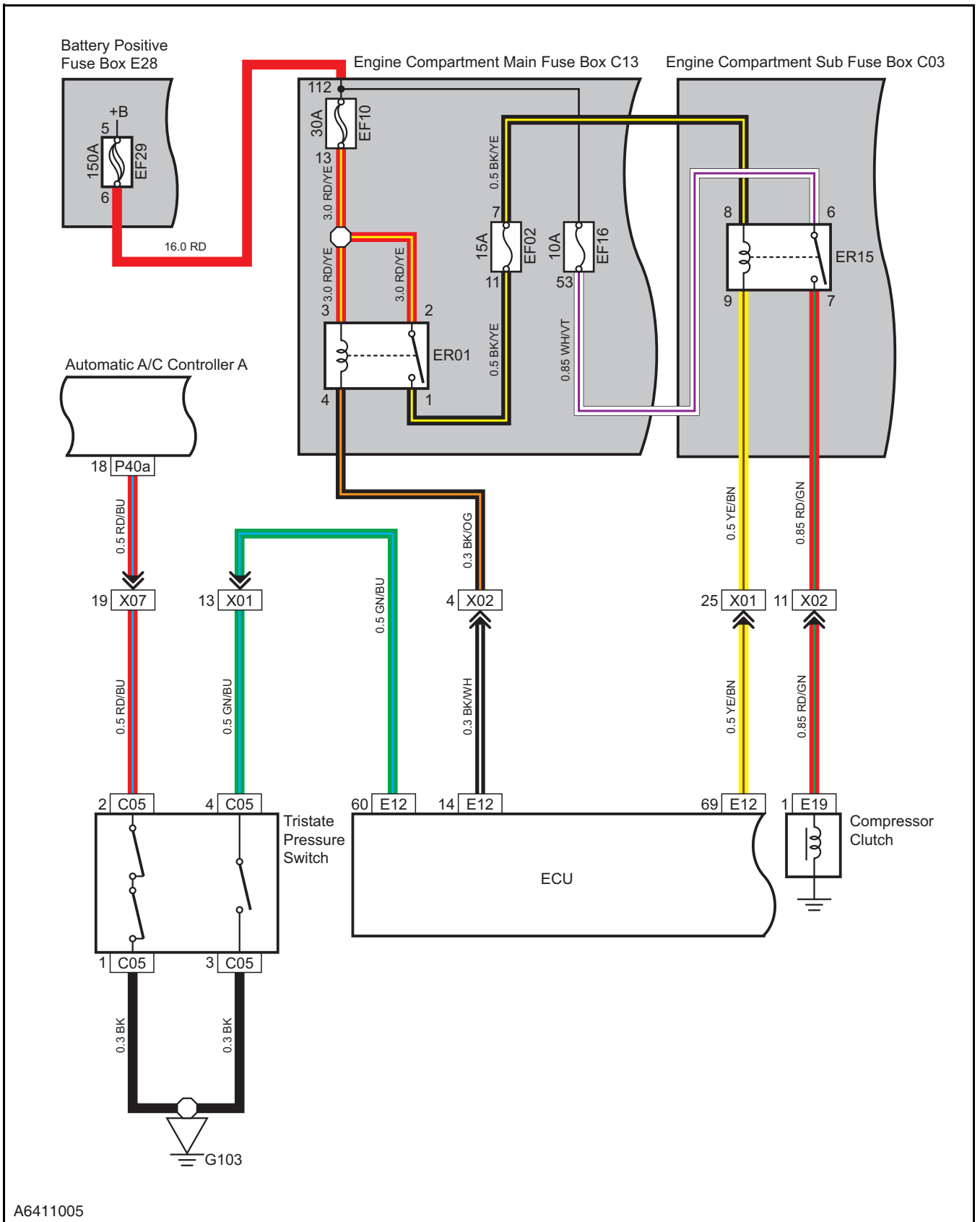


A6411003

Electric A/C - Actuator

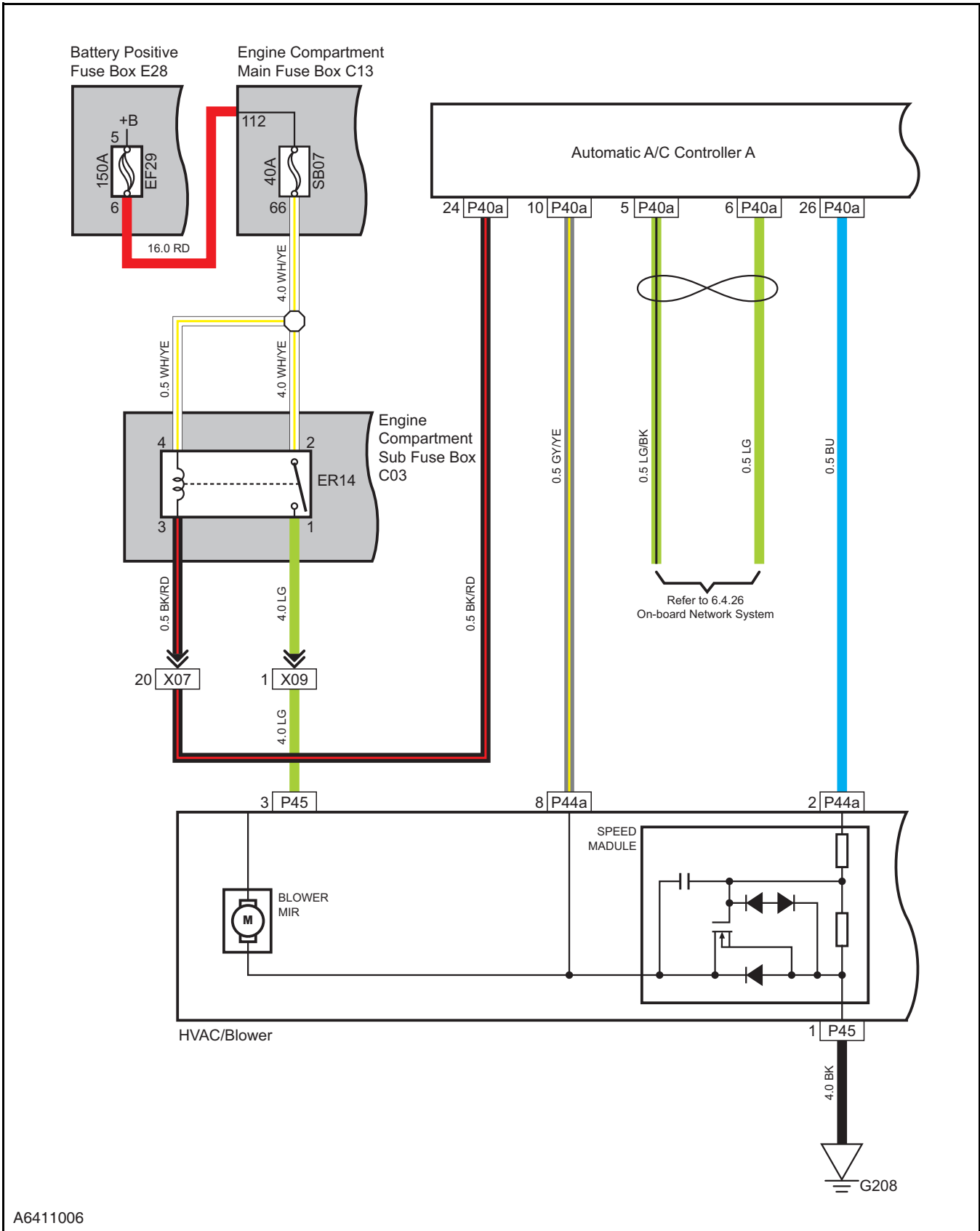


Automatic A/C - Pressure Switch/Compressor

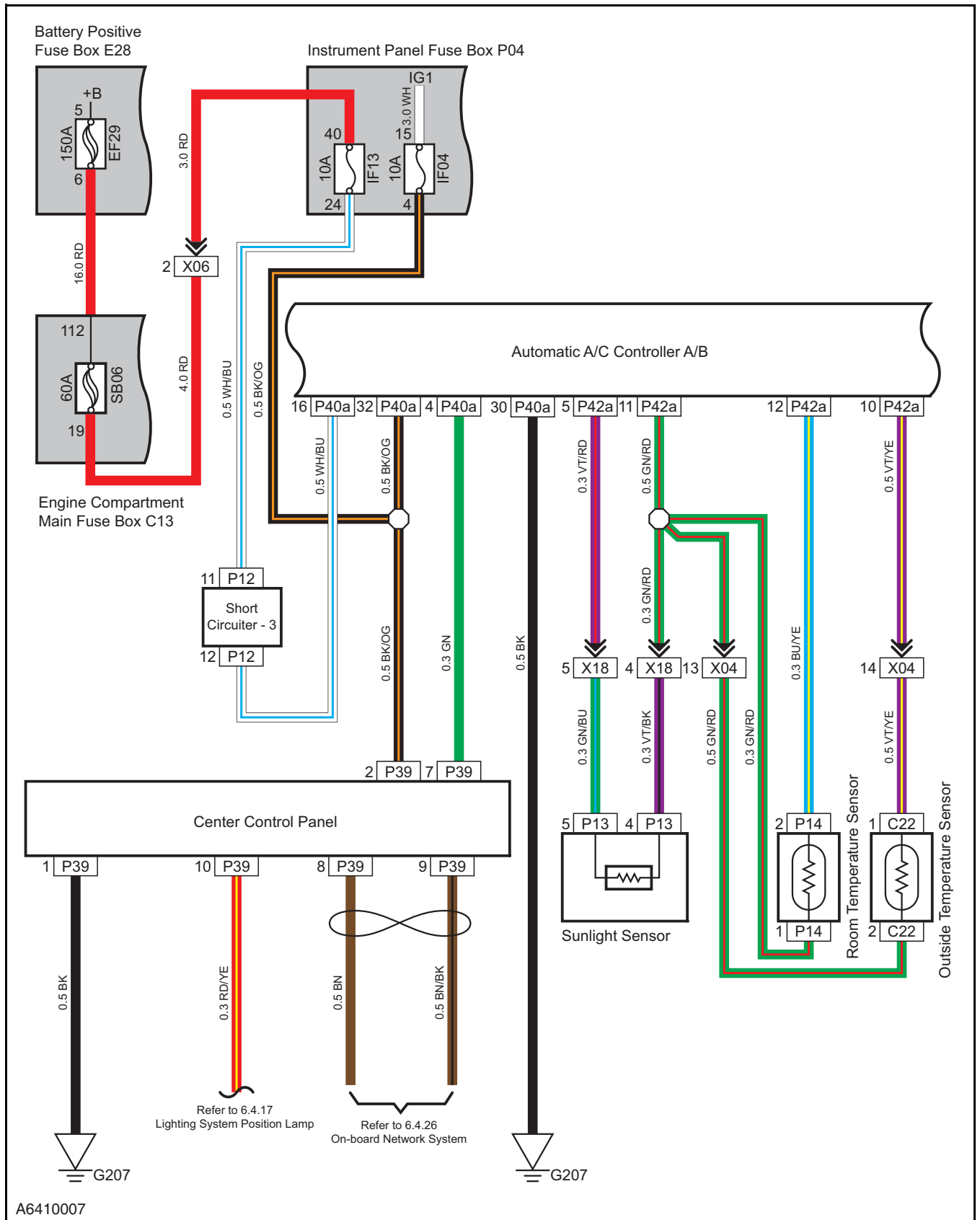


A6411005

Automatic A/C - Blower

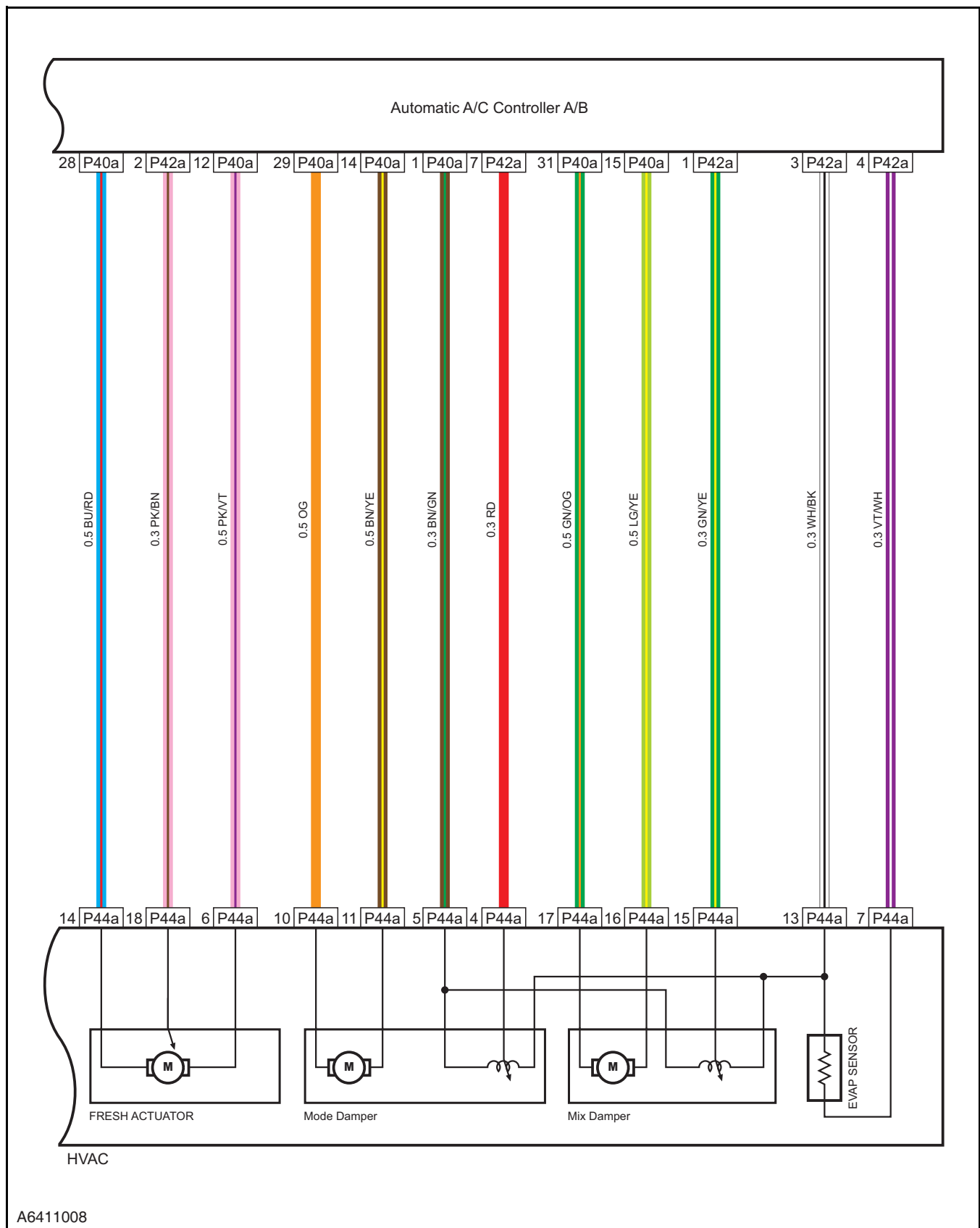


Automatic A/C - Power Supply/Controller

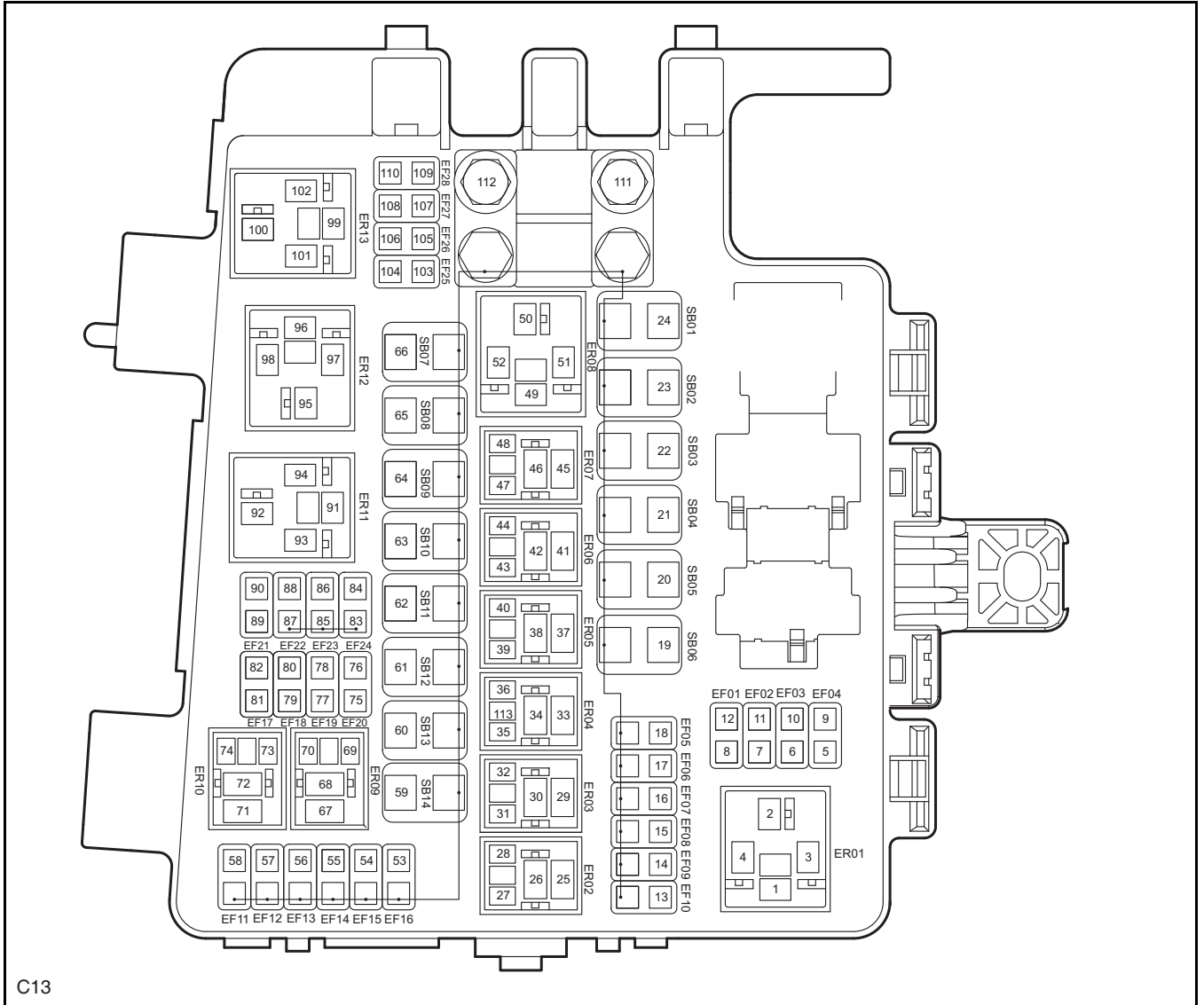


A6410007

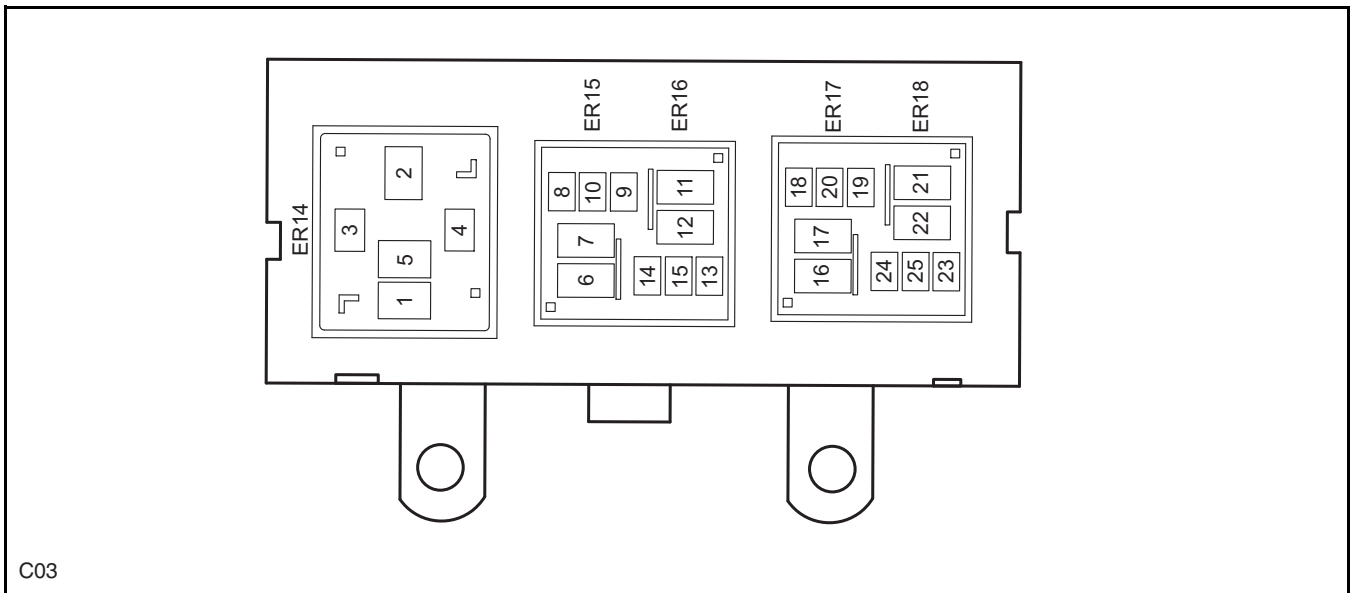
Automatic A/C - Actuator



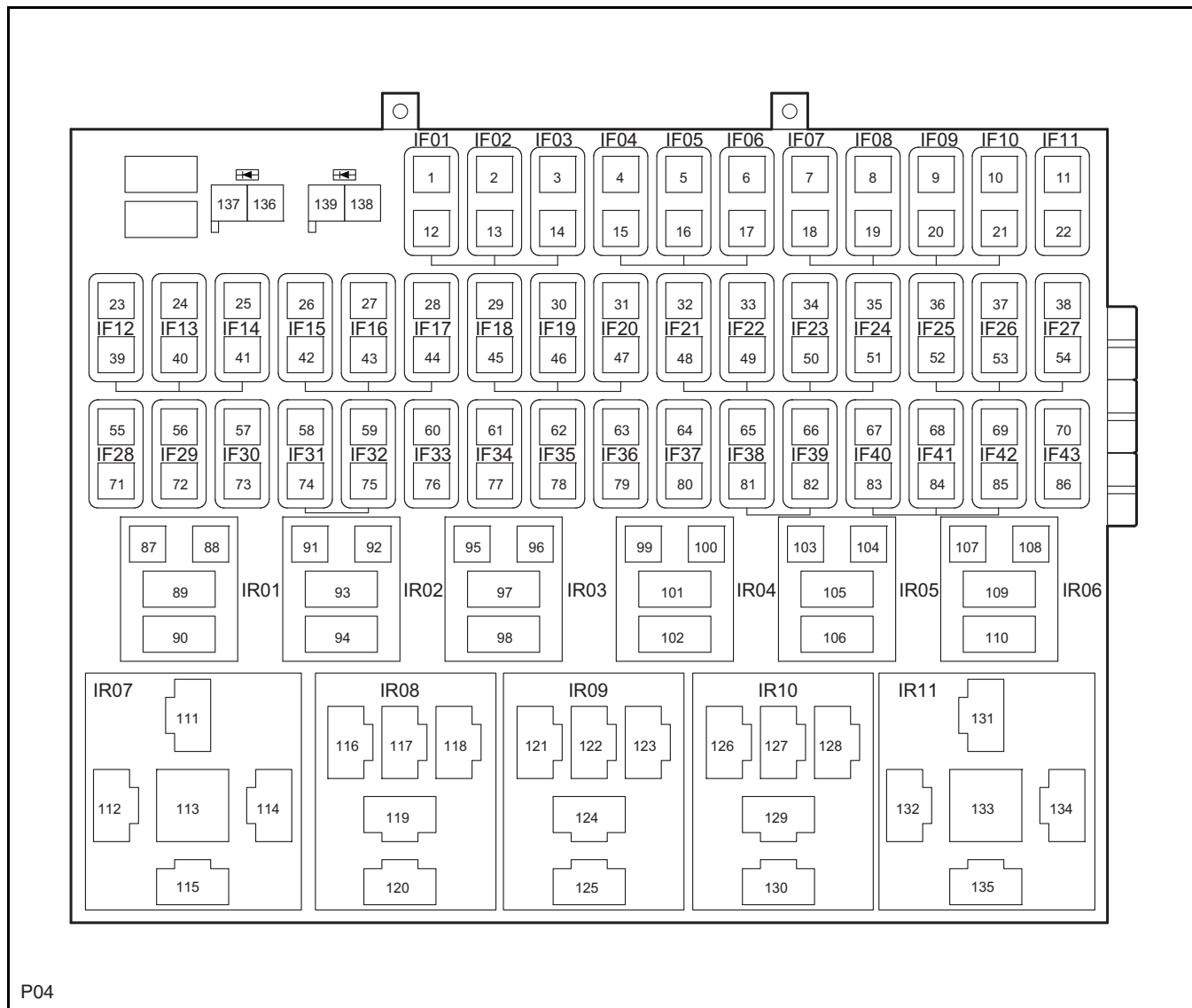
Engine Compartment Main Fuse Box



Engine Compartment Sub Fuse Box

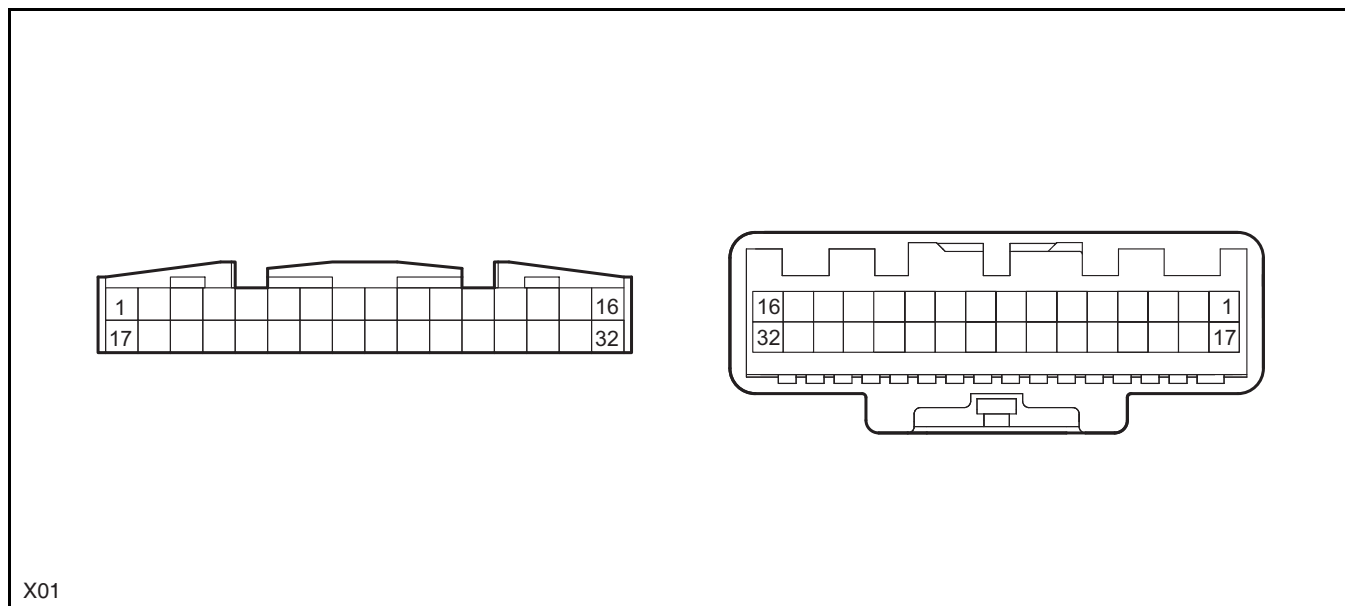


Instrument Panel Fuse Box



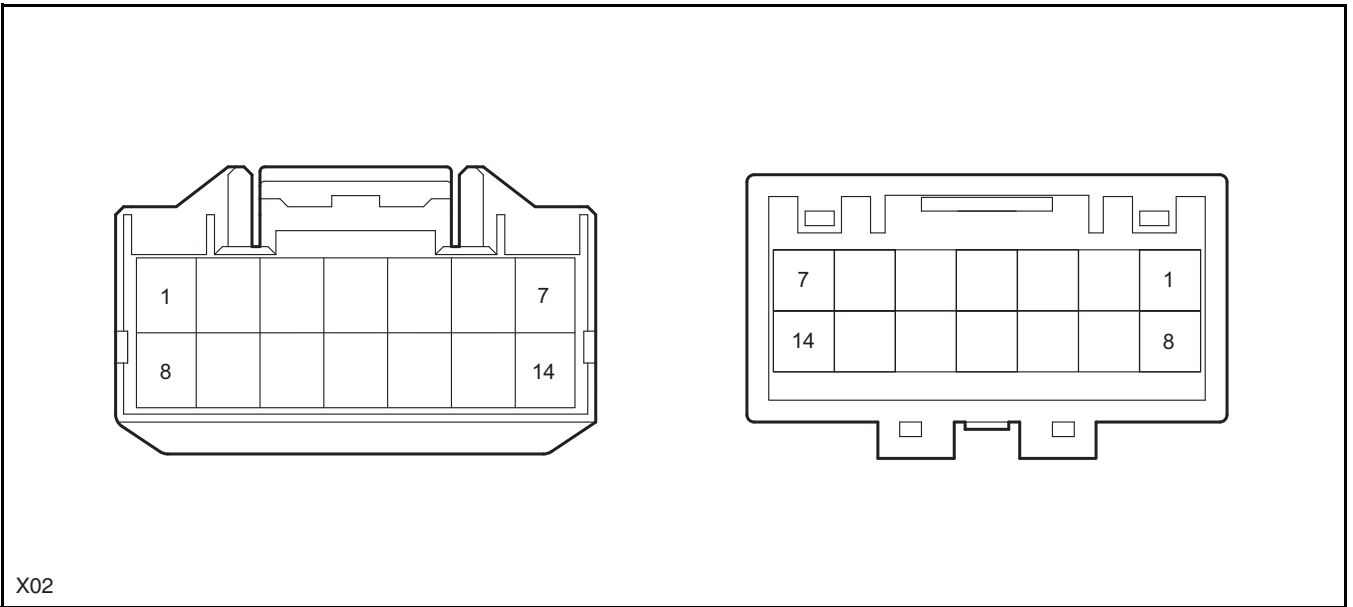
Engine Wiring Harness to Engine Compartment Fuse Box - 1

Engine Compartment Fuse Box to Engine Wiring Harness - 1



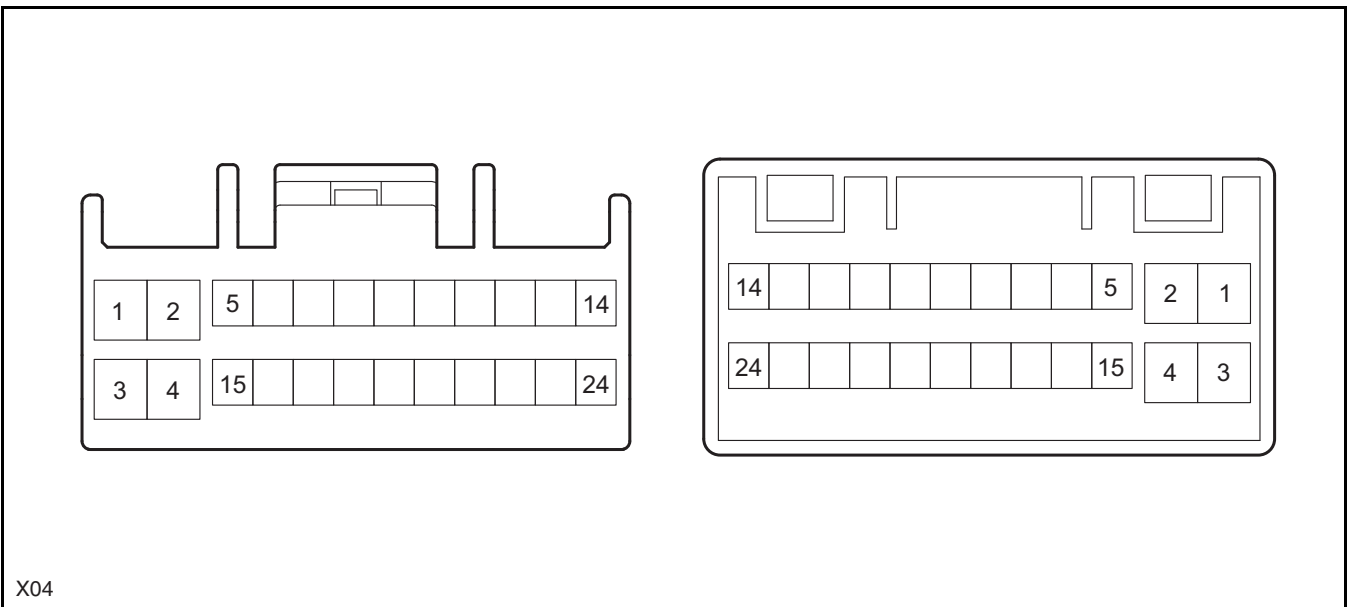
Engine Wiring Harness to Engine Compartment Fuse Box - 2

Engine Compartment Fuse Box to Engine Wiring Harness - 2



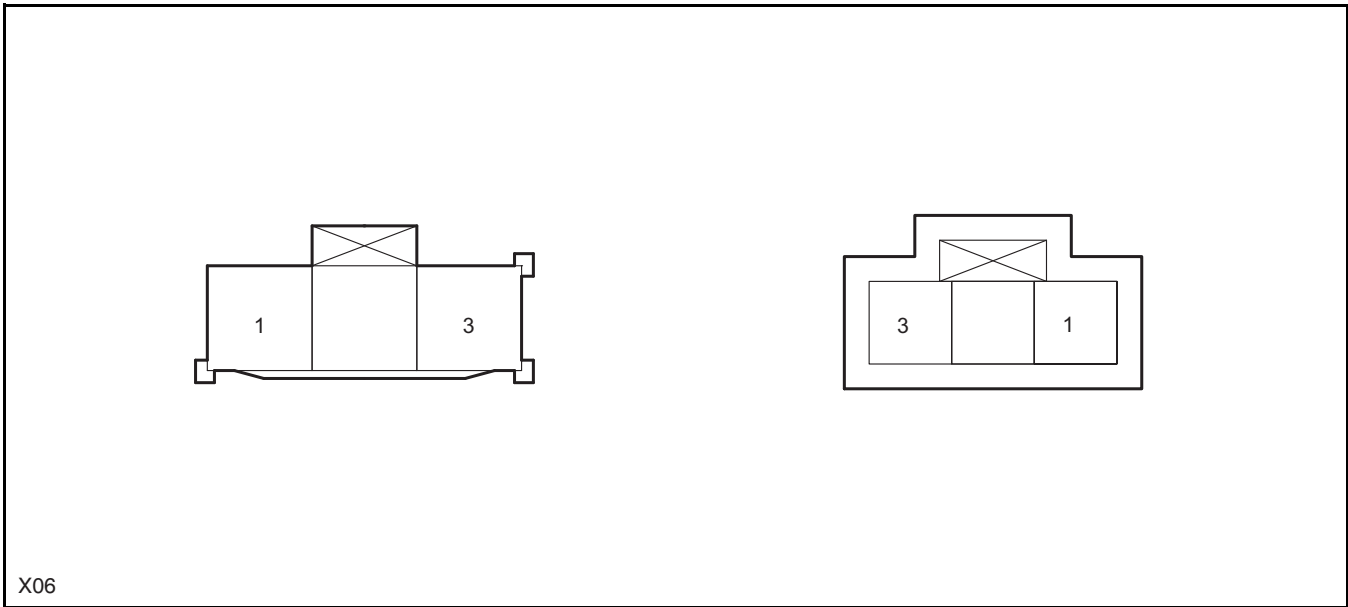
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 1



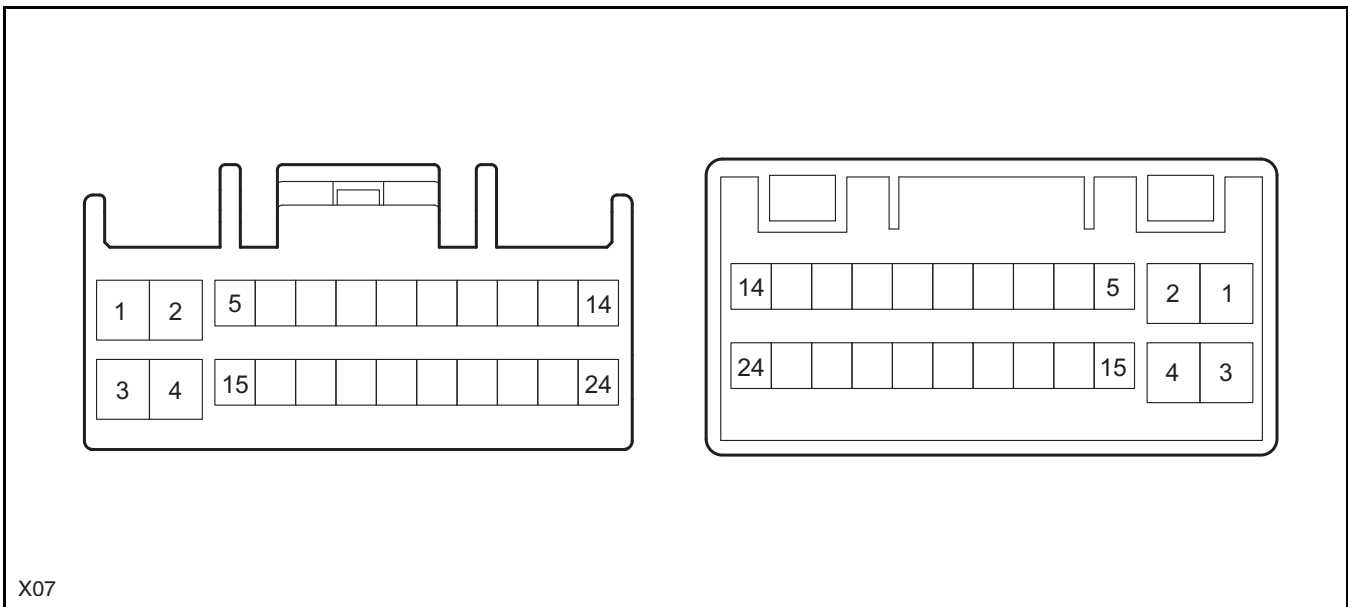
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



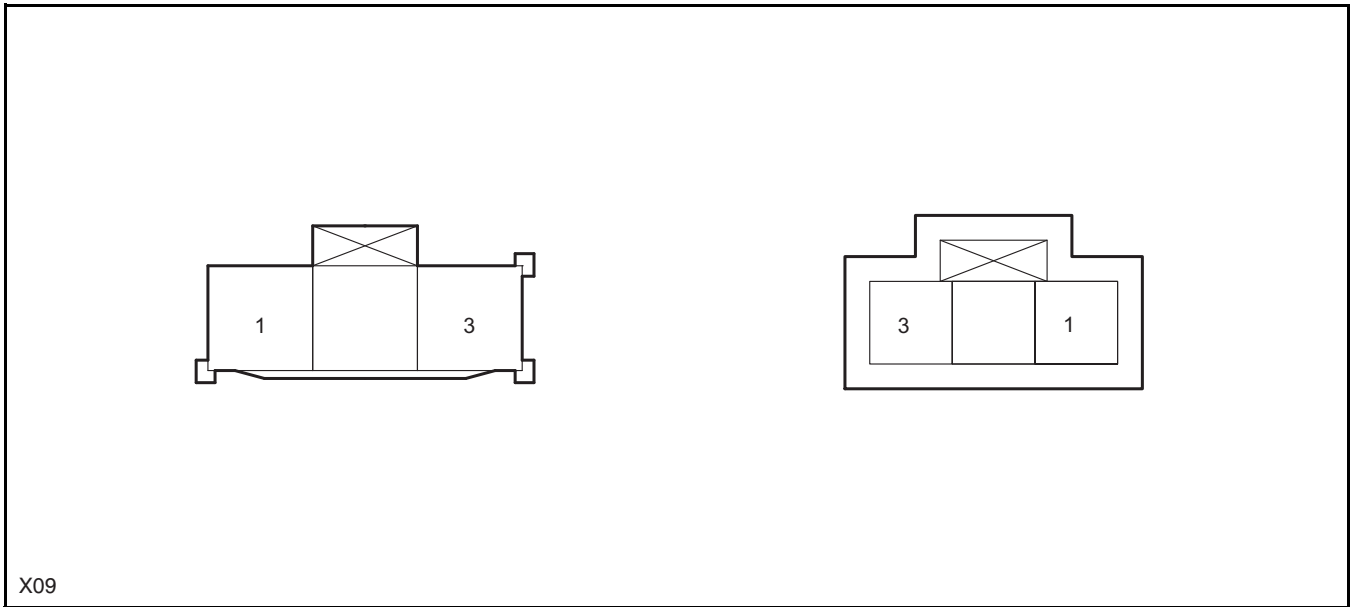
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 3

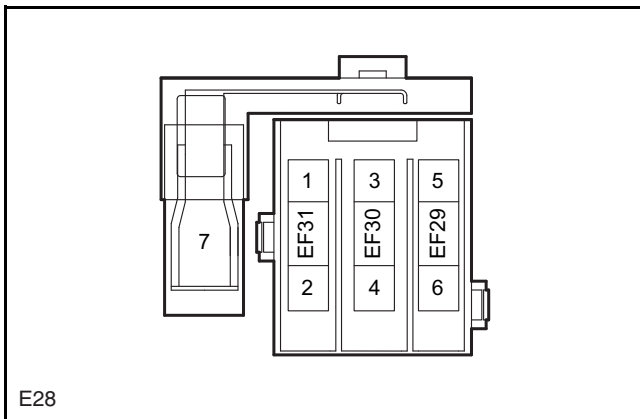
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 3



X09

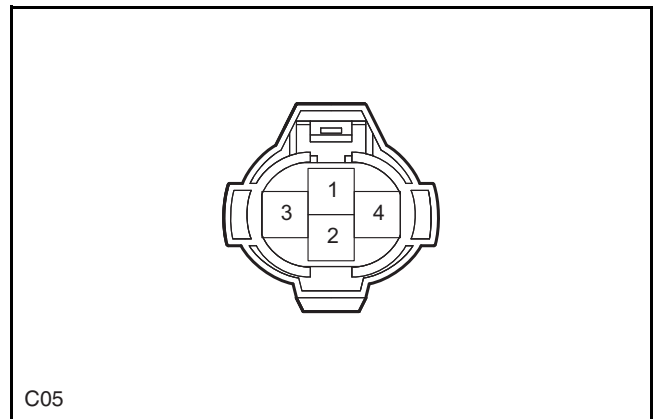
Battery Positive Fuse Box

Tristate Pressure Switch



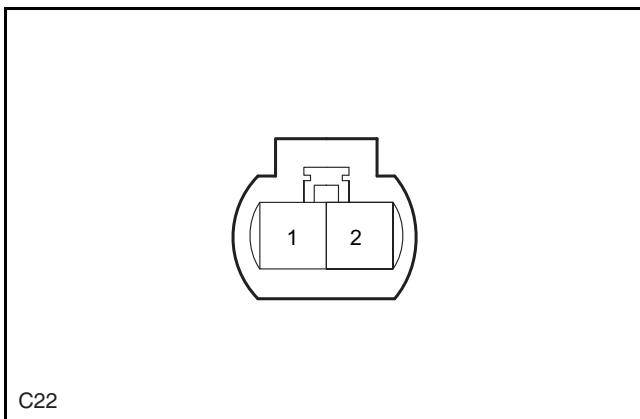
E28

Outside Temperature Sensor

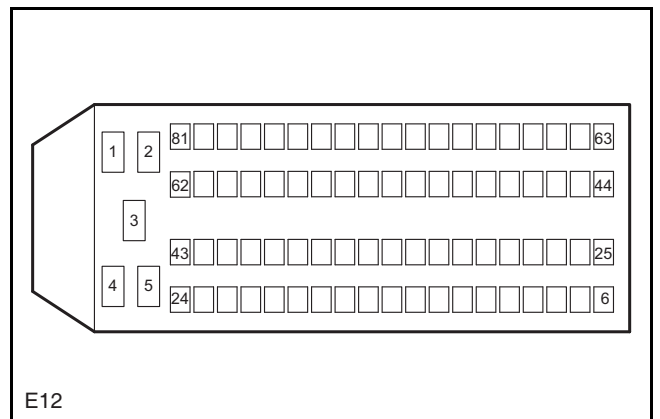


C05

ECU

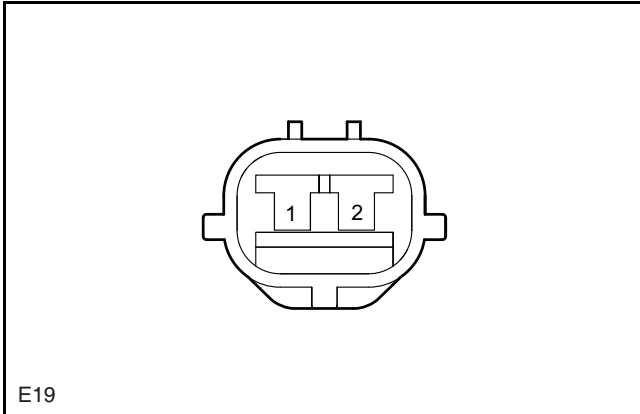


C22

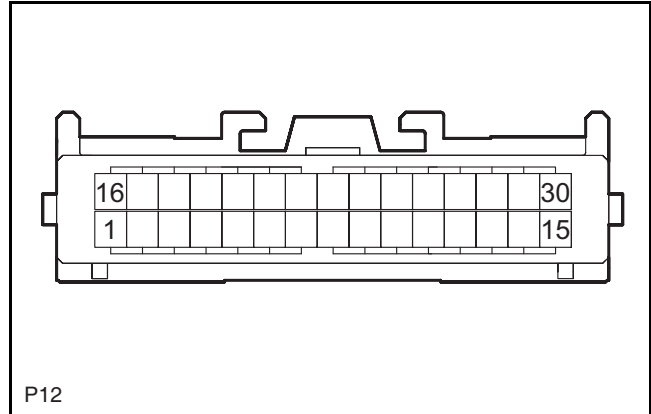


E12

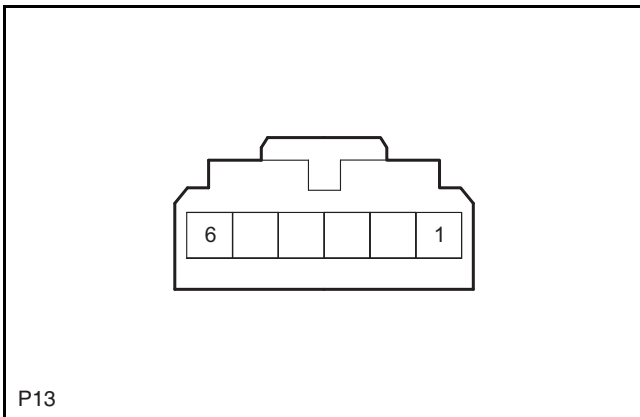
Compressor Clutch



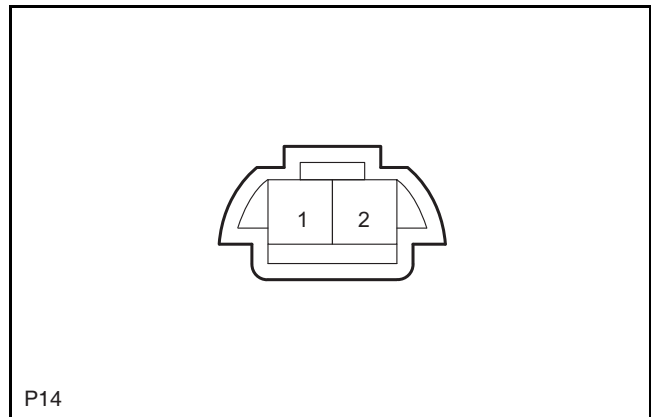
Short Circuiter - 3



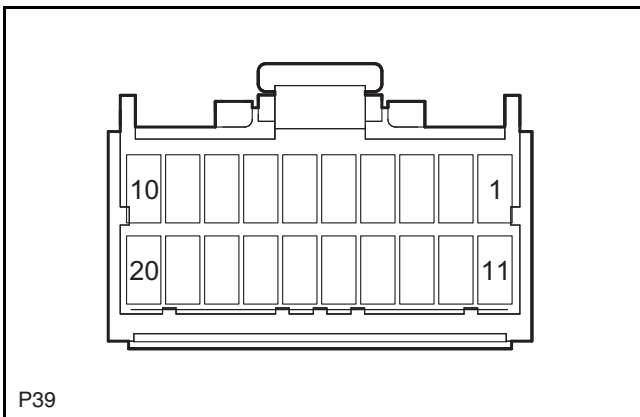
Sunlight Sensor



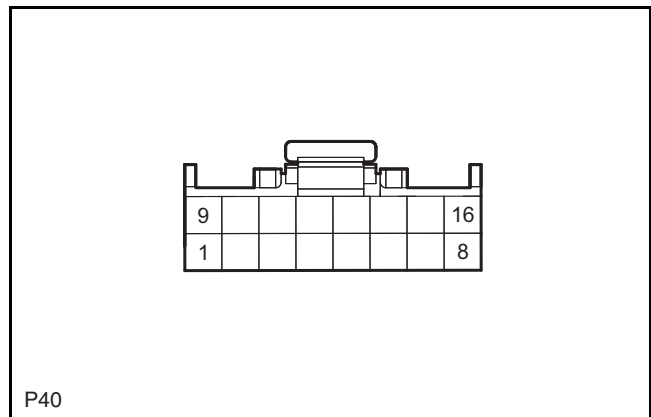
Room Temperature Sensor



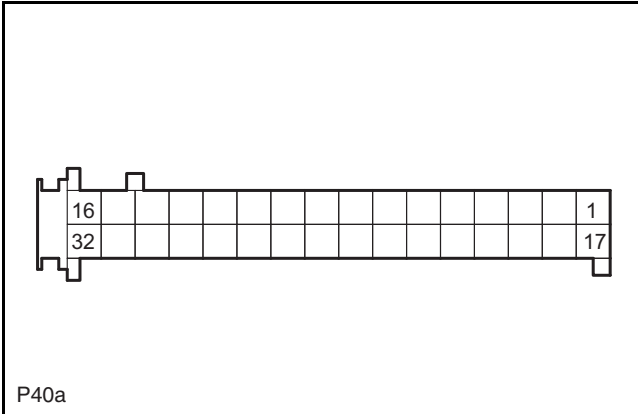
Center Control Panel



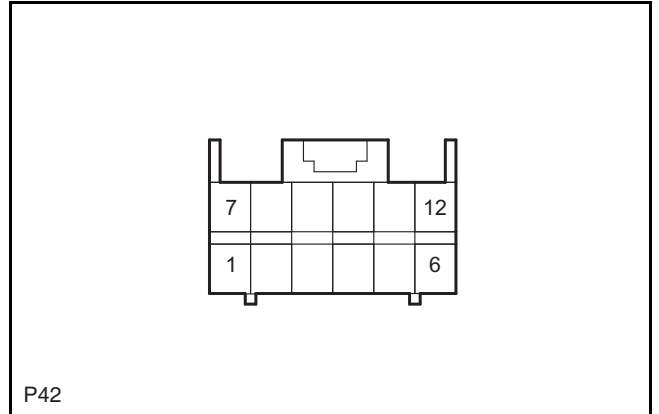
Electric A/C Controller A



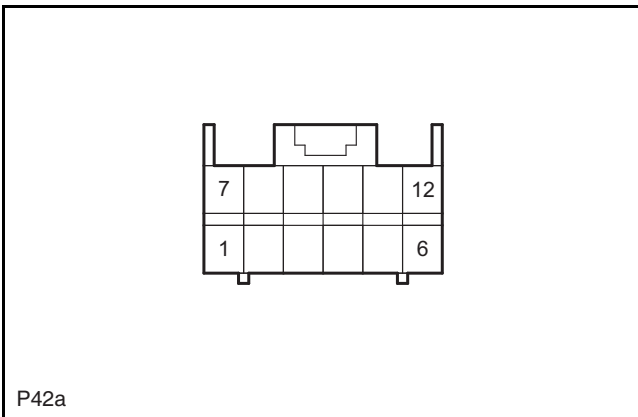
Automatic A/C Controller A



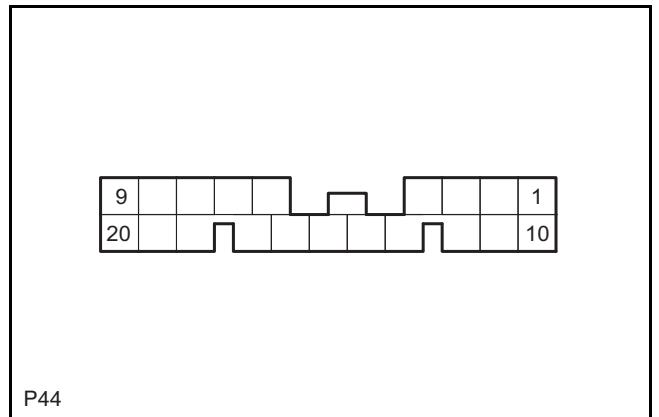
Electric A/C Controller B



Automatic A/C Controller B

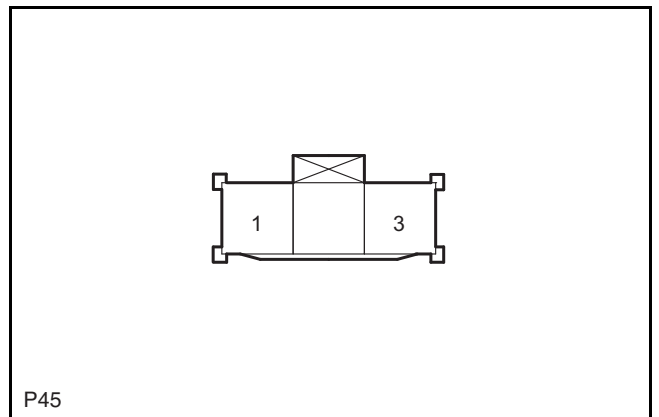
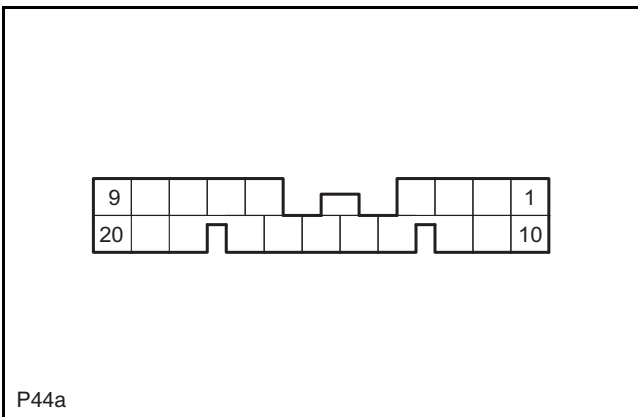


HVAC

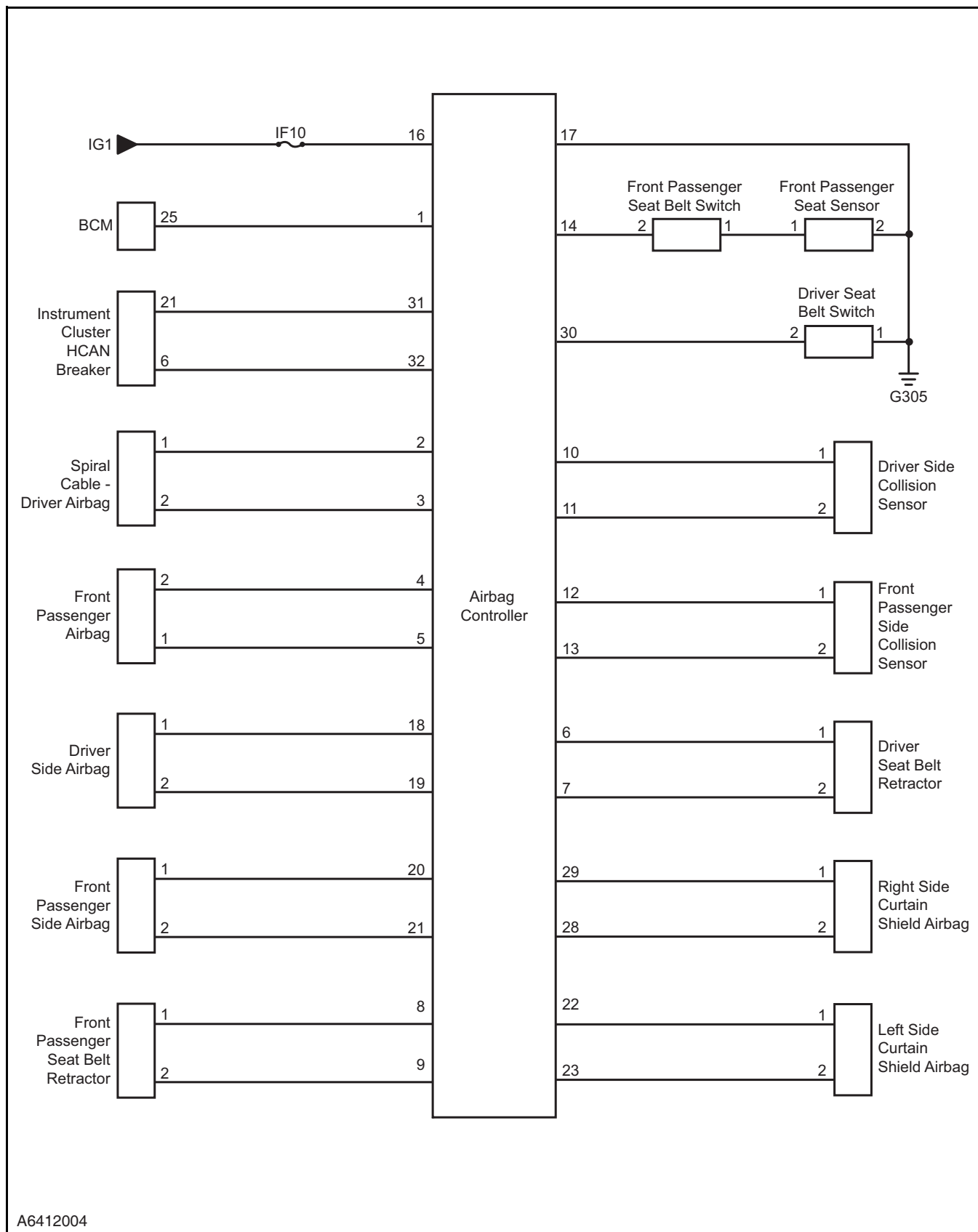


HVAC

Blower

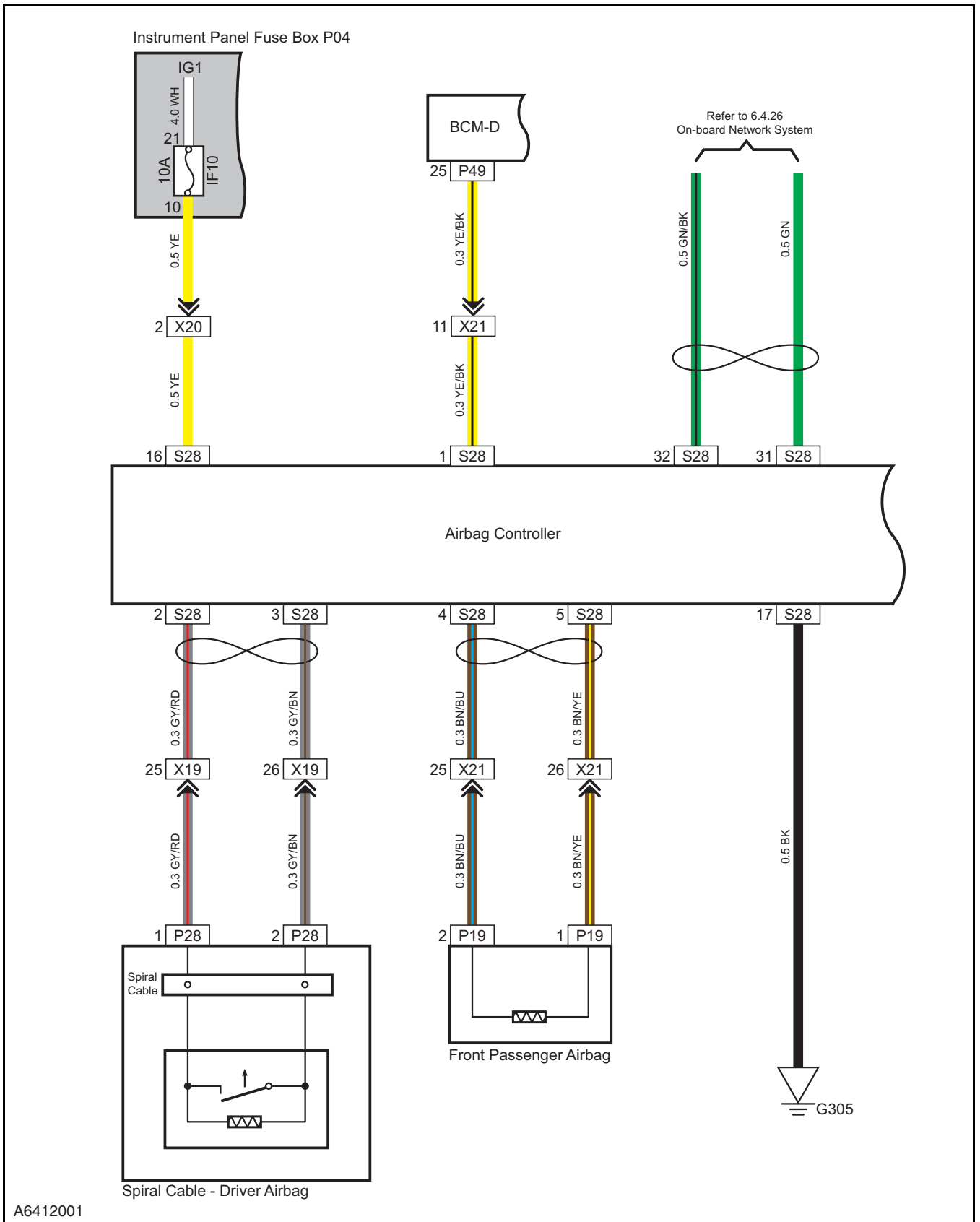


Airbag Restraint System

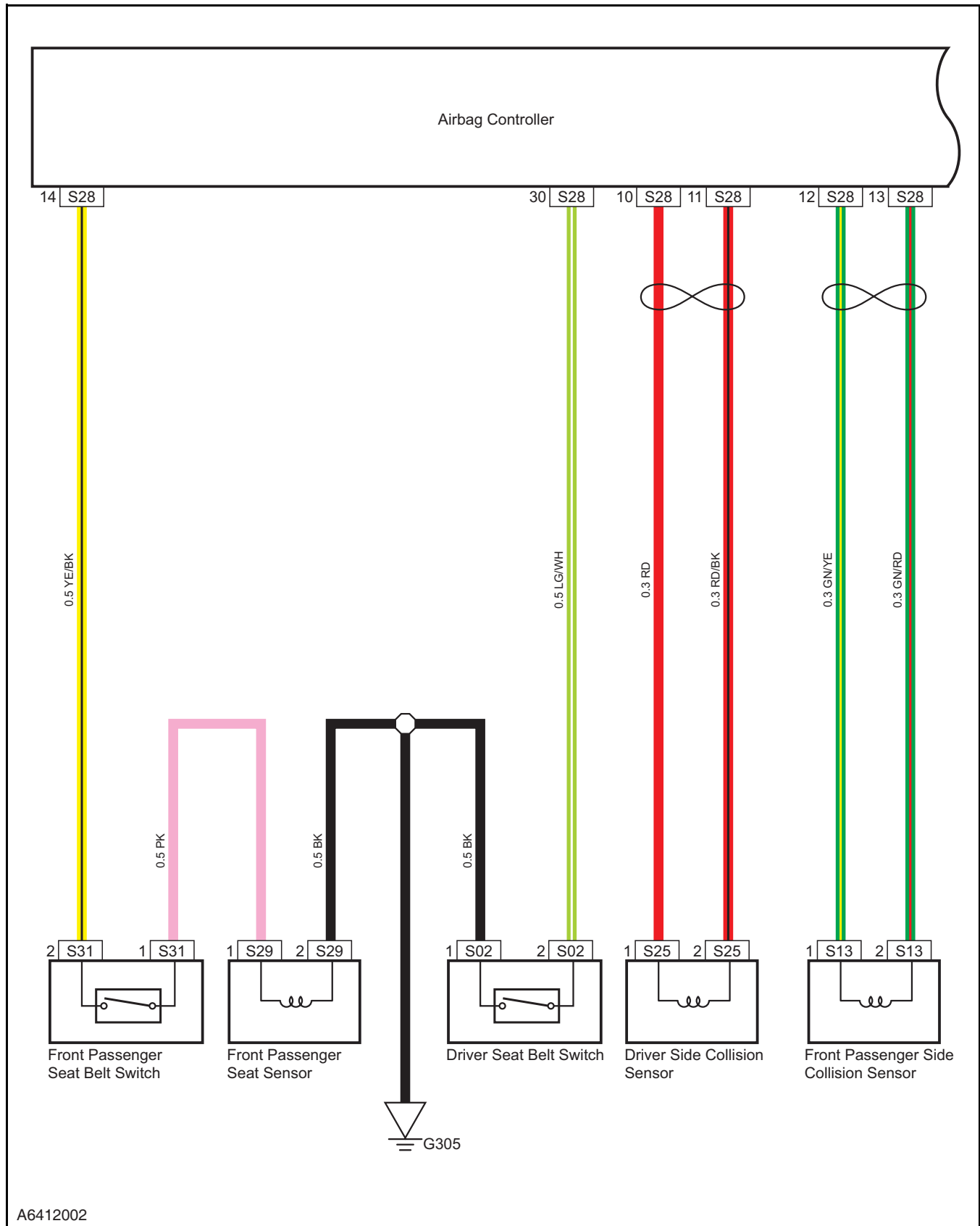


A6412004

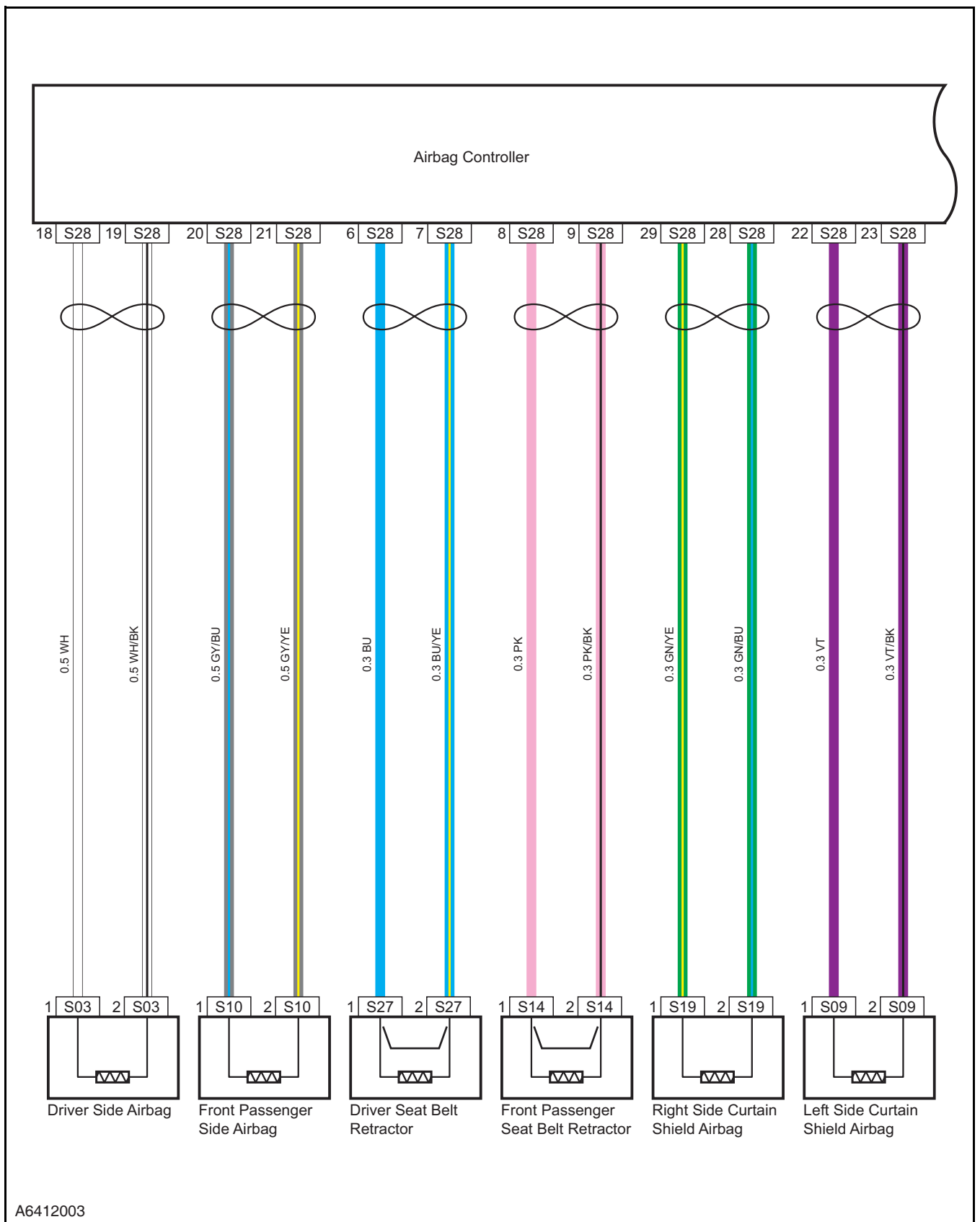
Power Supply/Actuator



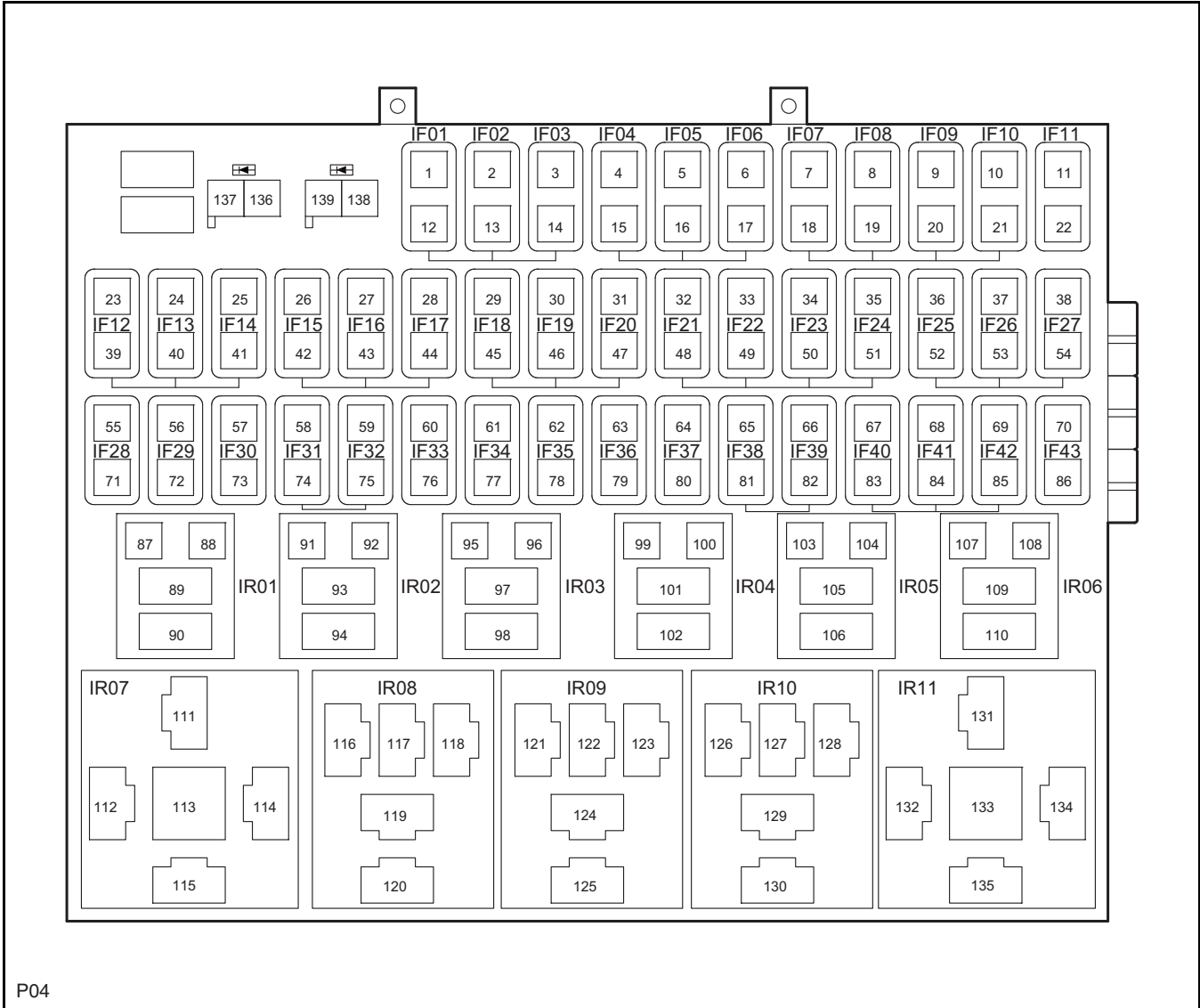
Sensor and Switch



Actuator



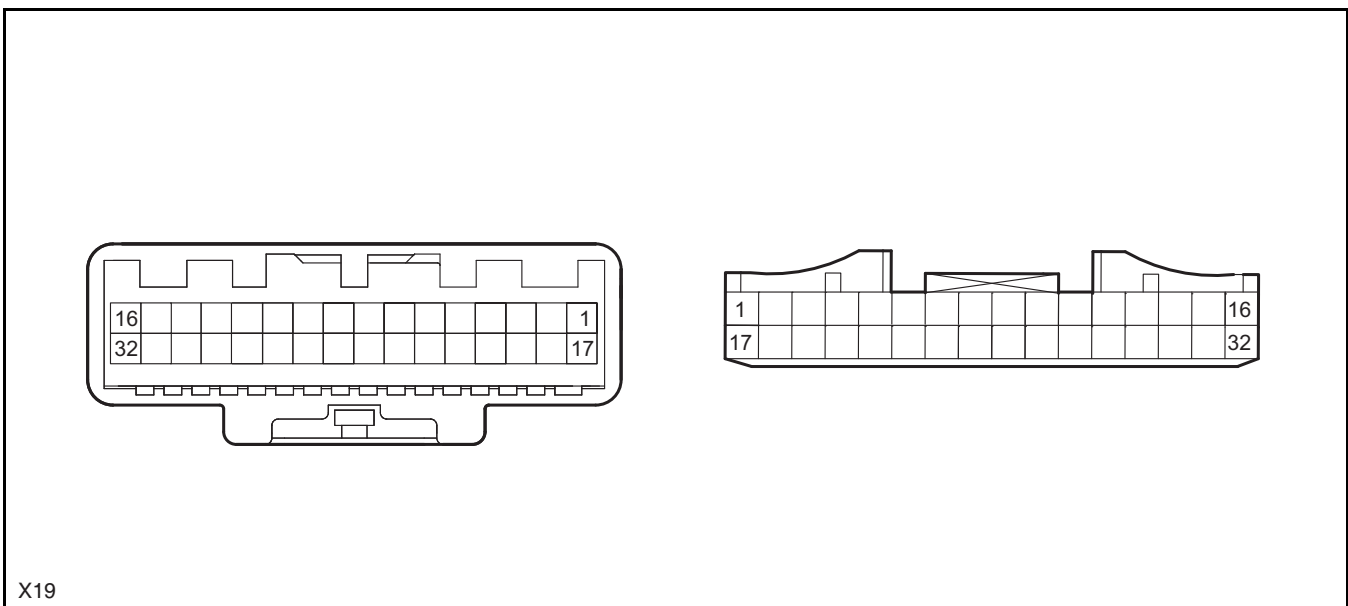
Instrument Panel Fuse Box



P04

Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 1

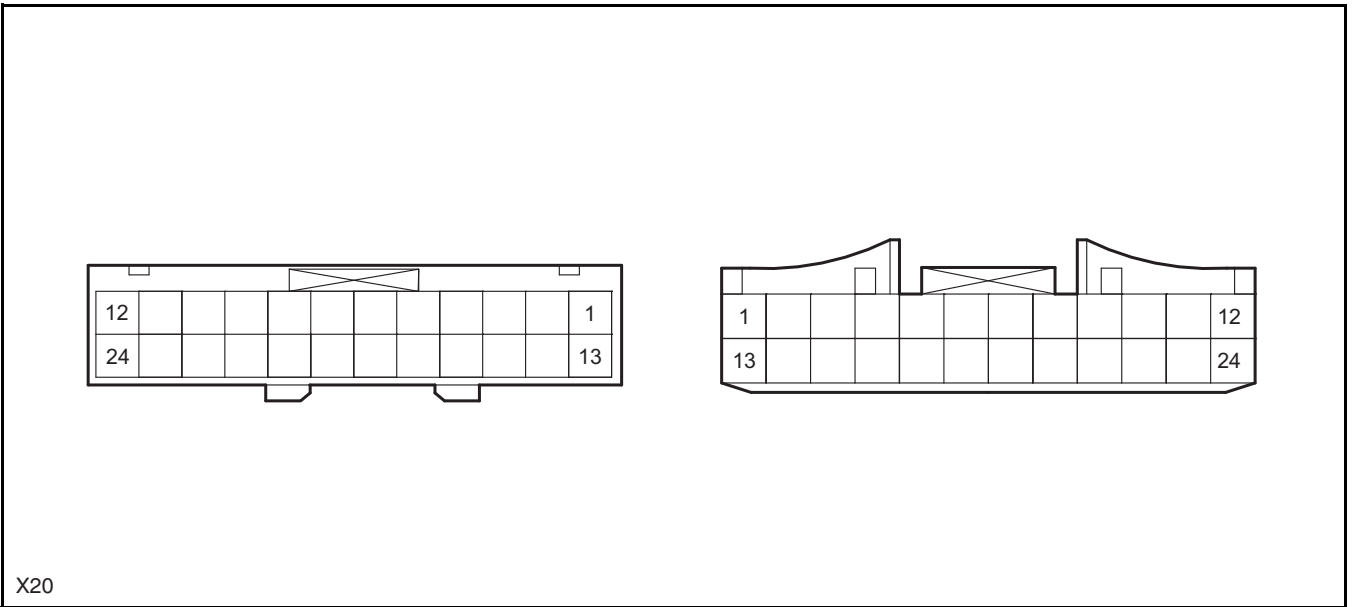
Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 1



X19

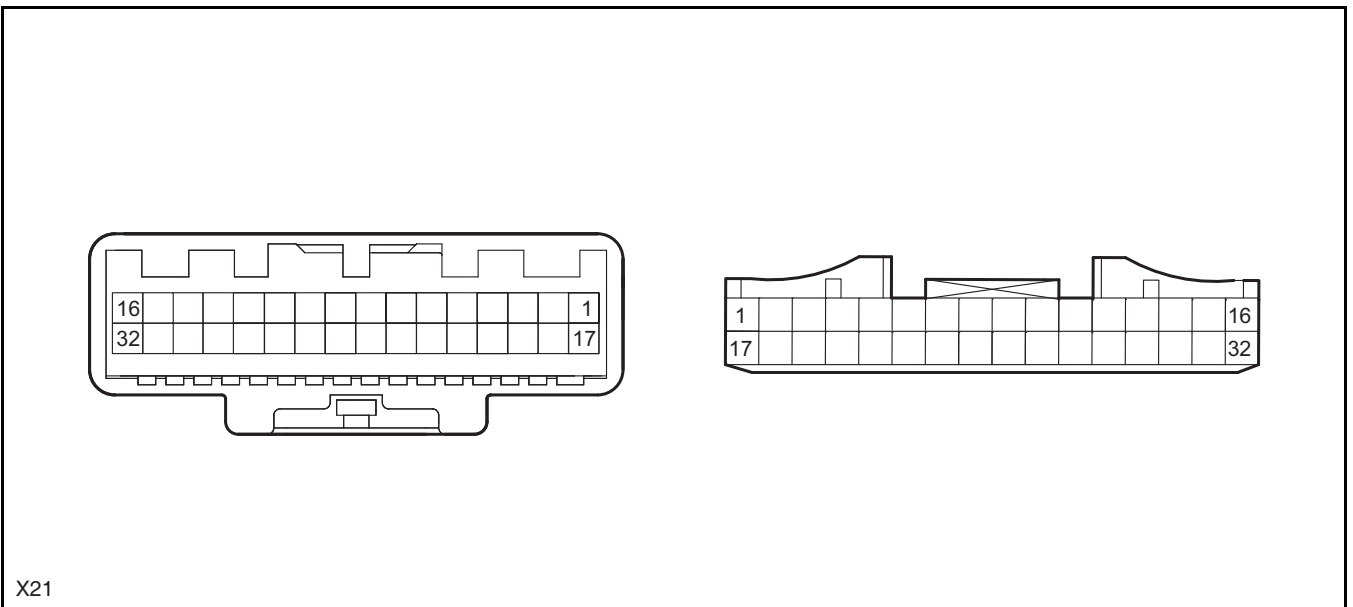
Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 2



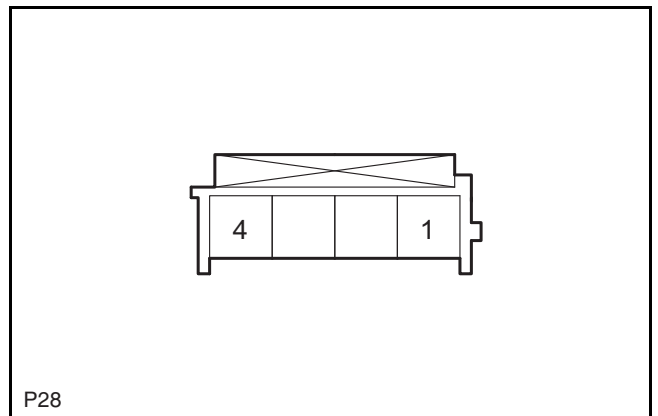
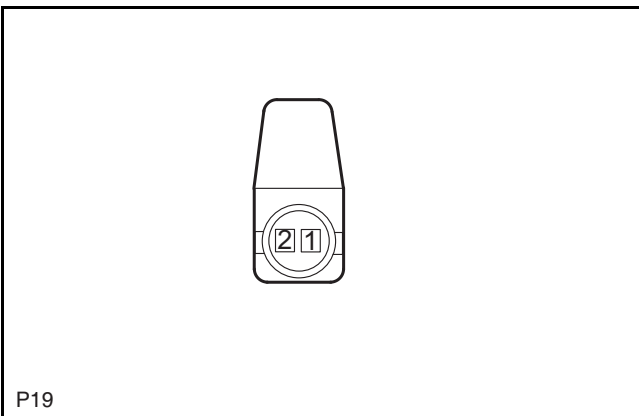
Chassis Wiring Harness to Instrument Panel Wiring Harness - Right 1

Instrument Panel Wiring Harness to Chassis Wiring Harness - Right 1

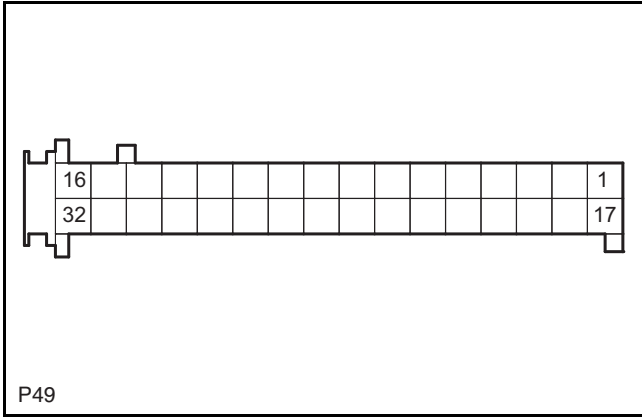


Front Passenger Airbag

Spiral Cable - Driver Airbag



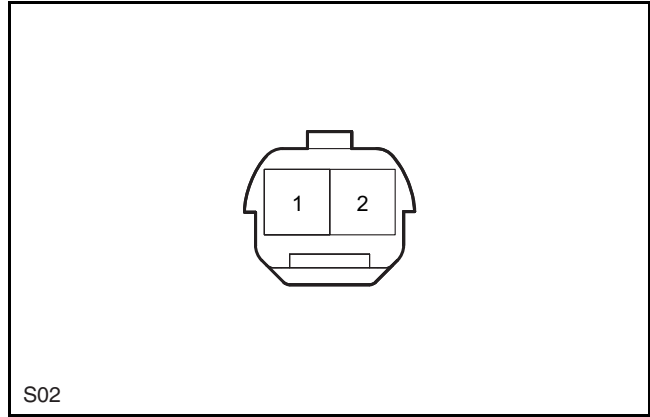
BCM-D



P49

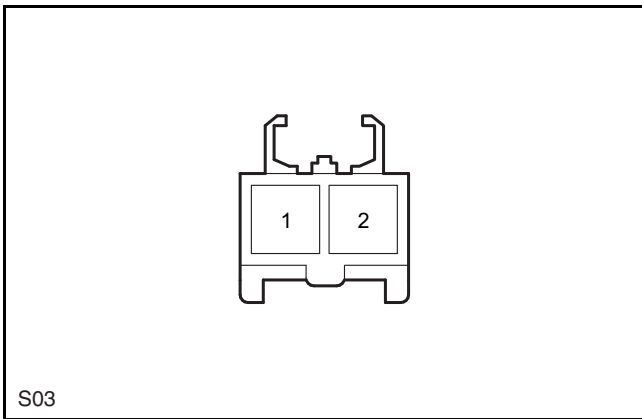
Driver Side Airbag

Driver Seat Belt Switch



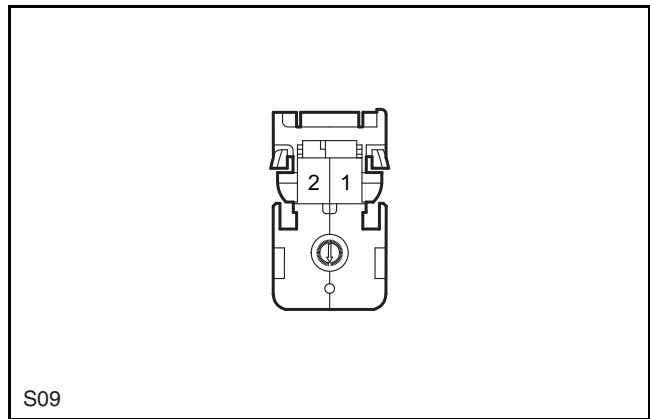
S02

Left Side Curtain Shield Airbag



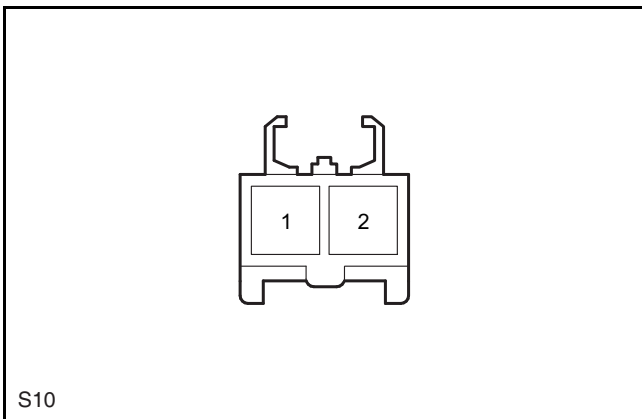
S03

Front Passenger Side Airbag



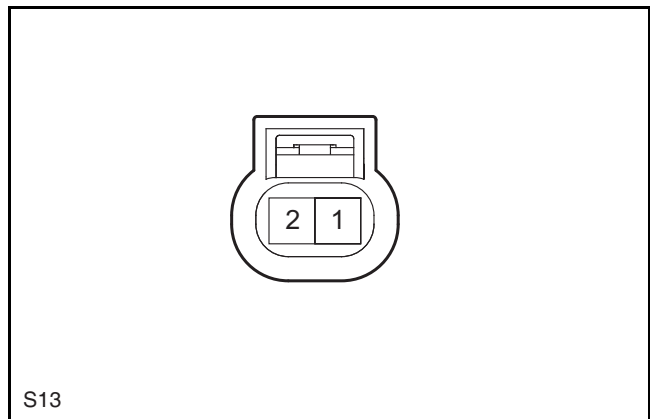
S09

Front Passenger Side Collision Sensor



S10

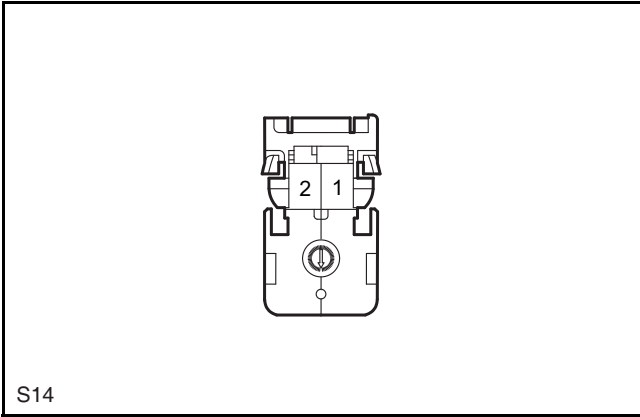
Front Passenger Side Airbag



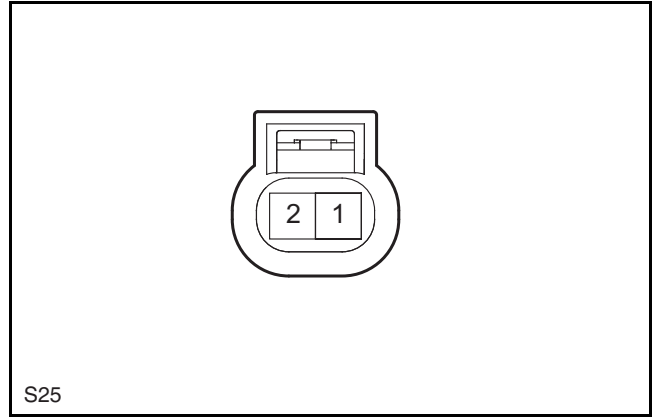
S13

Front Passenger Side Collision Sensor

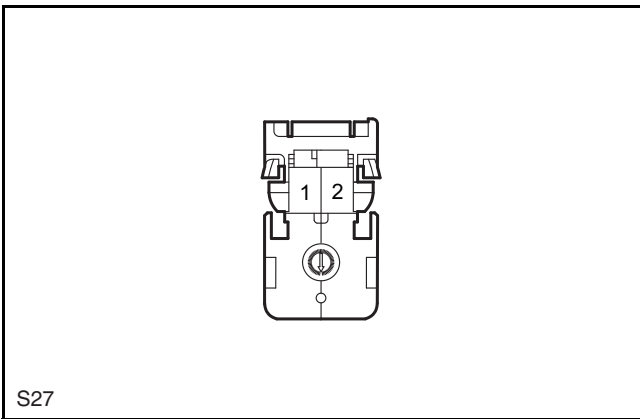
Front Passenger Seat Belt Retractor



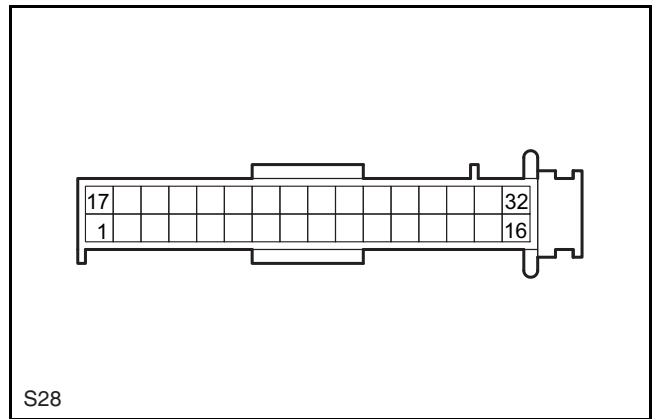
Driver Side Collision Sensor



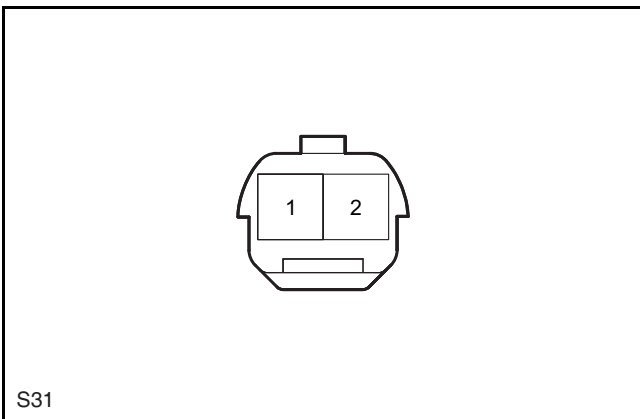
Driver Seat Belt Retractor



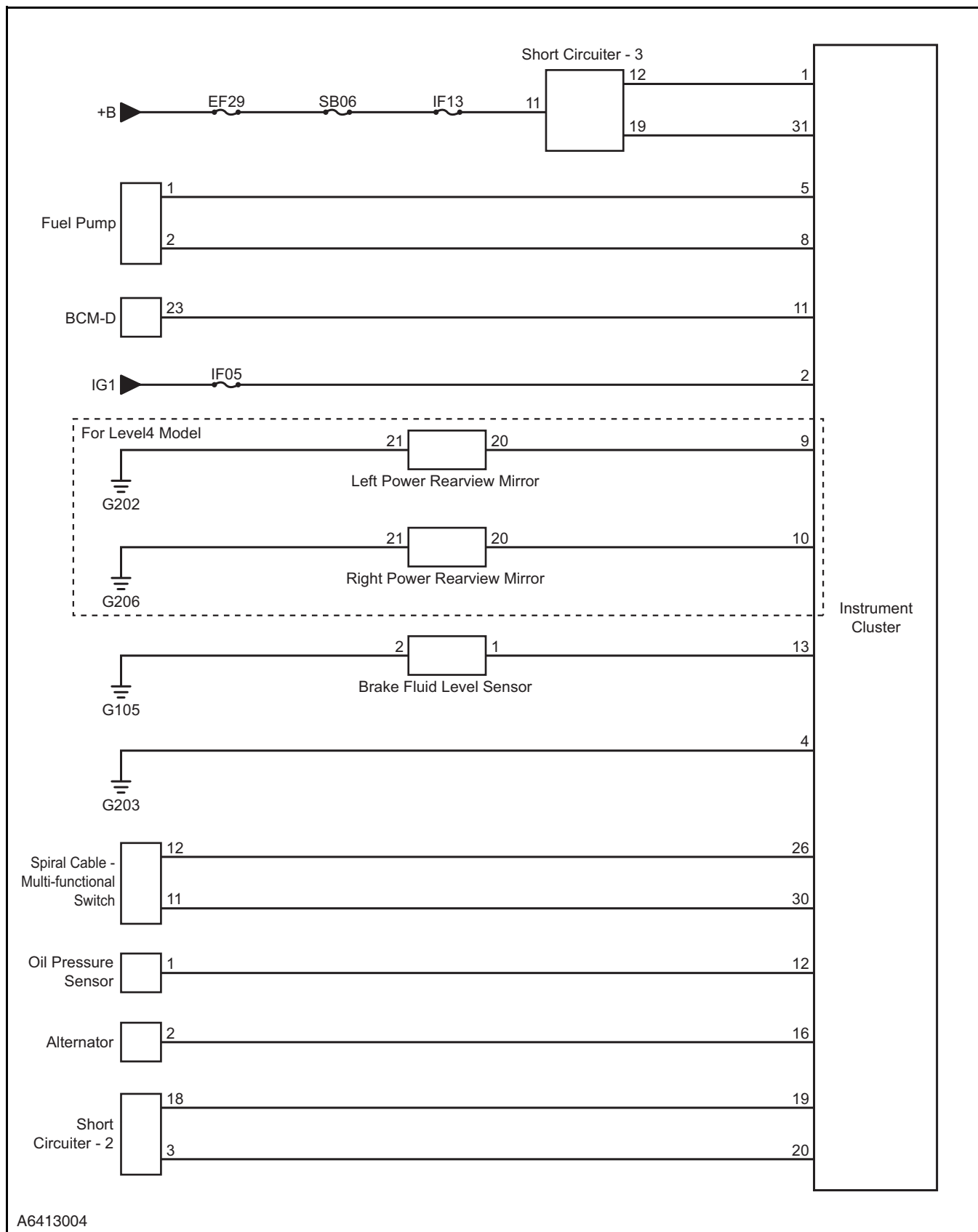
Airbag Controller



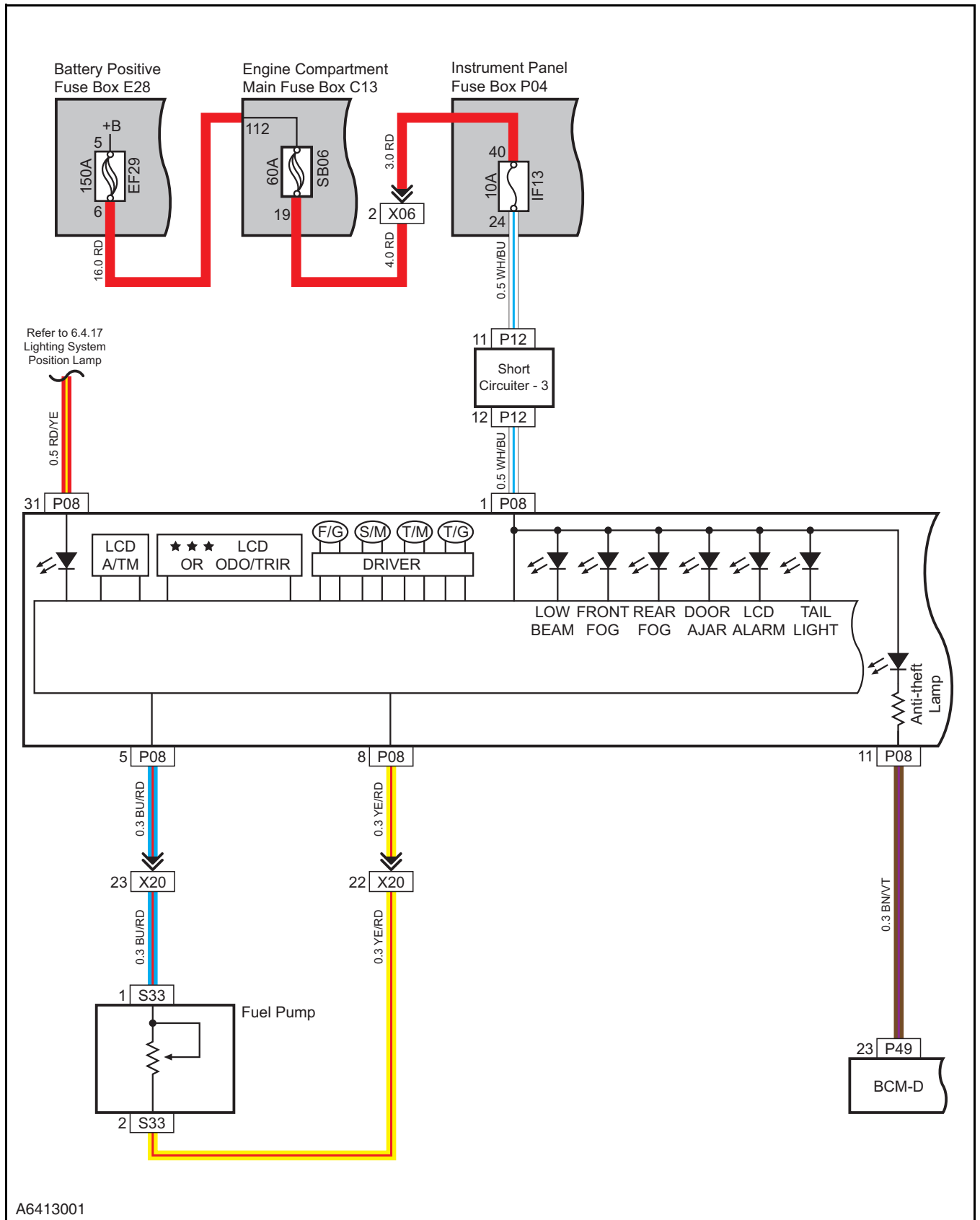
Front Passenger Seat Belt Switch



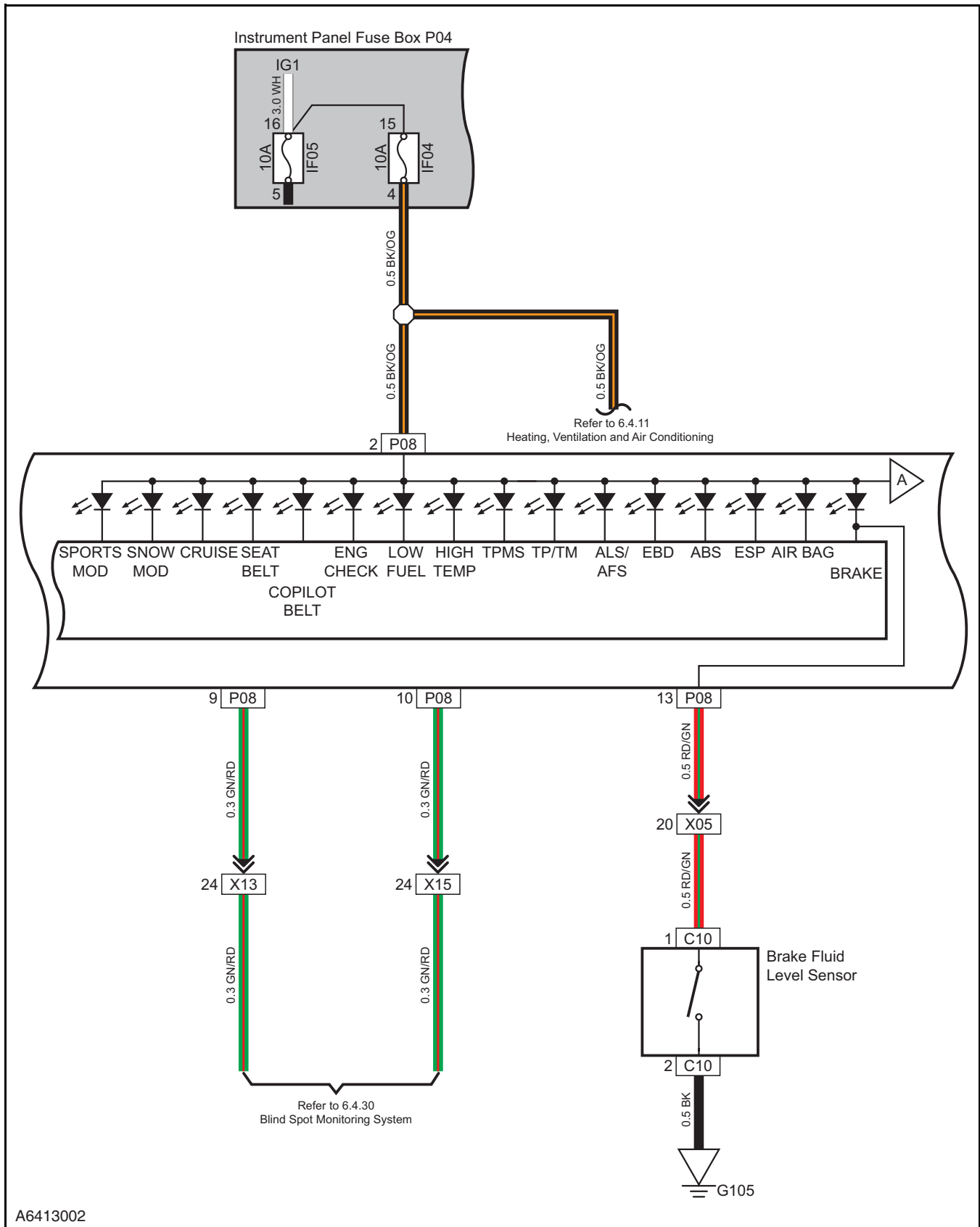
Instrument Cluster



Power Supply and Signal

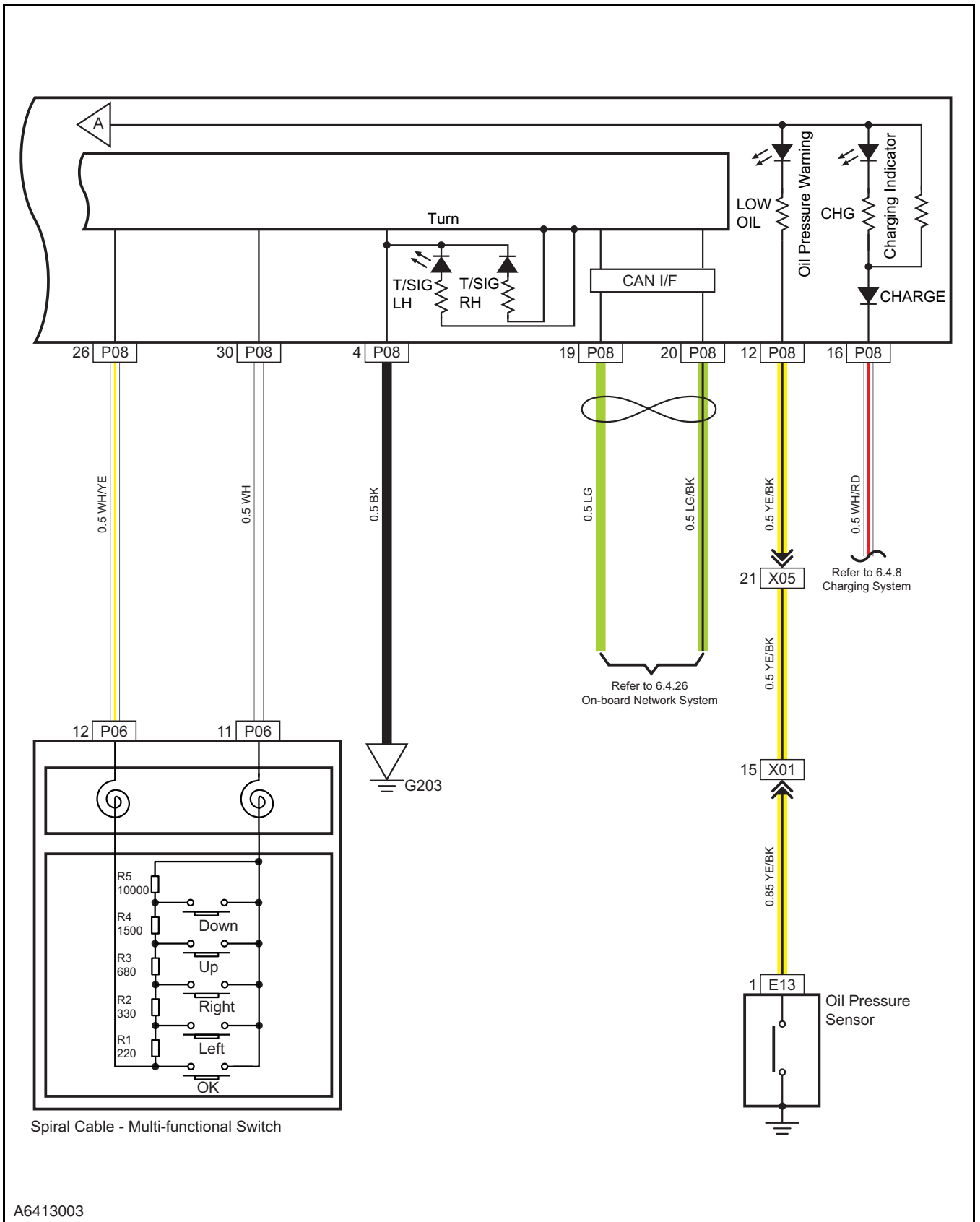


Signal Lamp 1

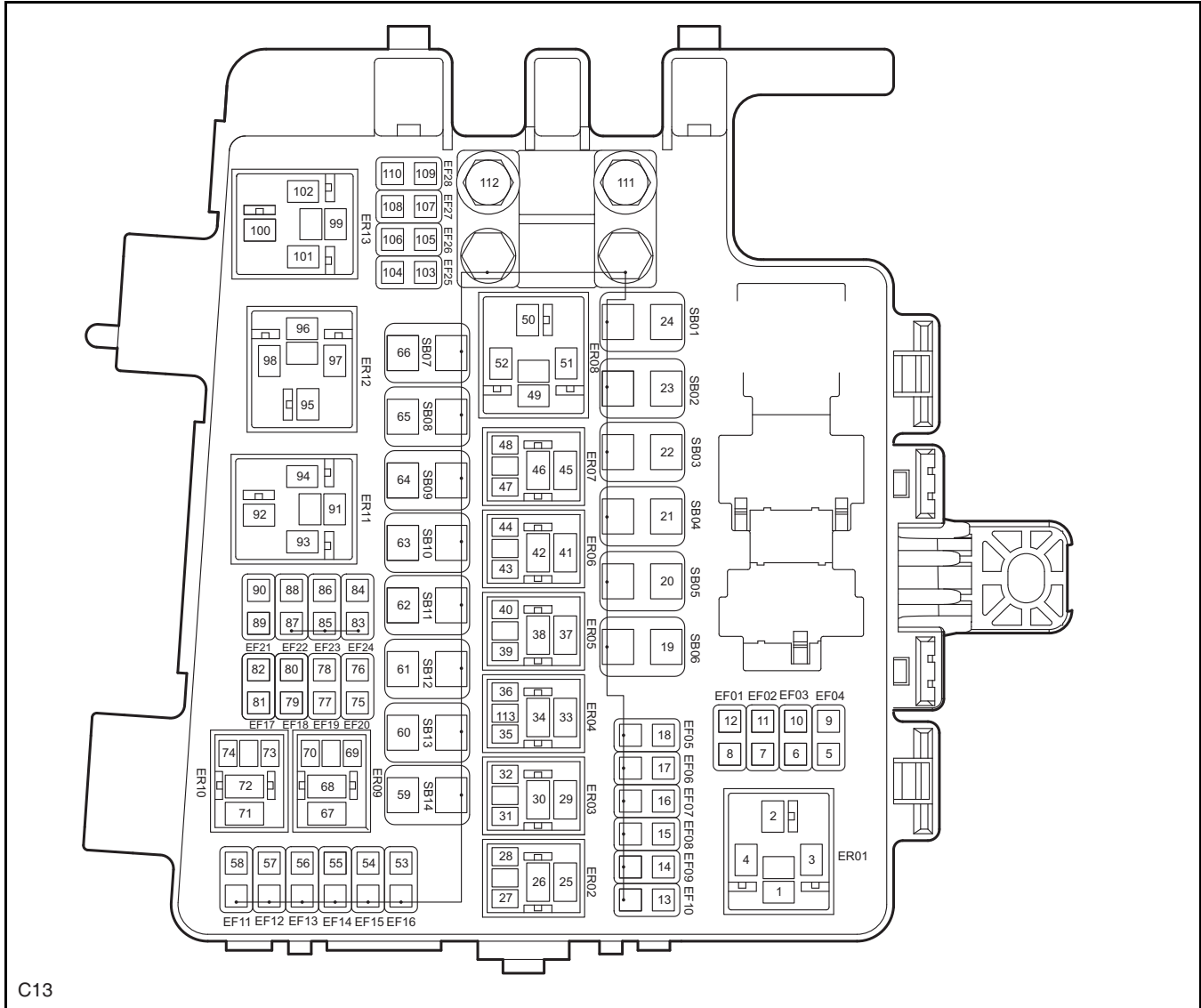


A6413002

Signal Lamp 2

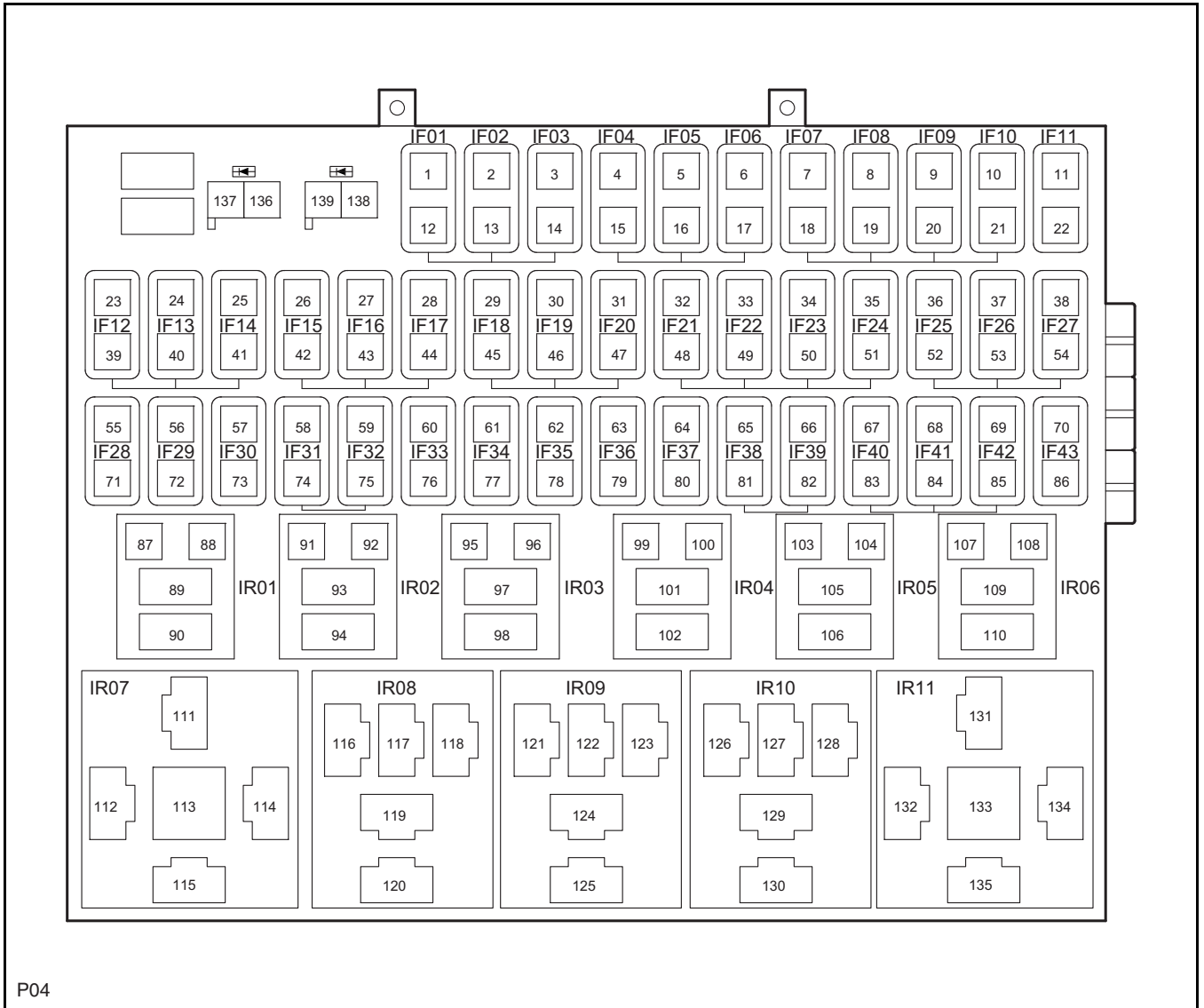


Engine Compartment Main Fuse Box



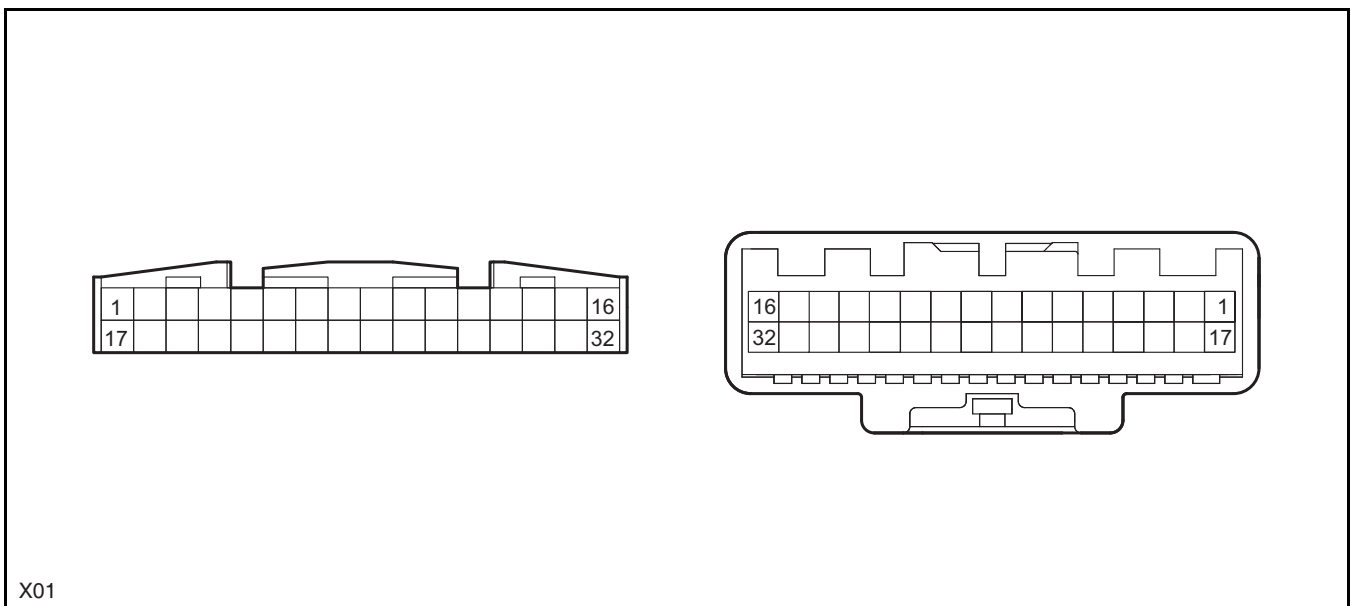
C13

Instrument Panel Fuse Box



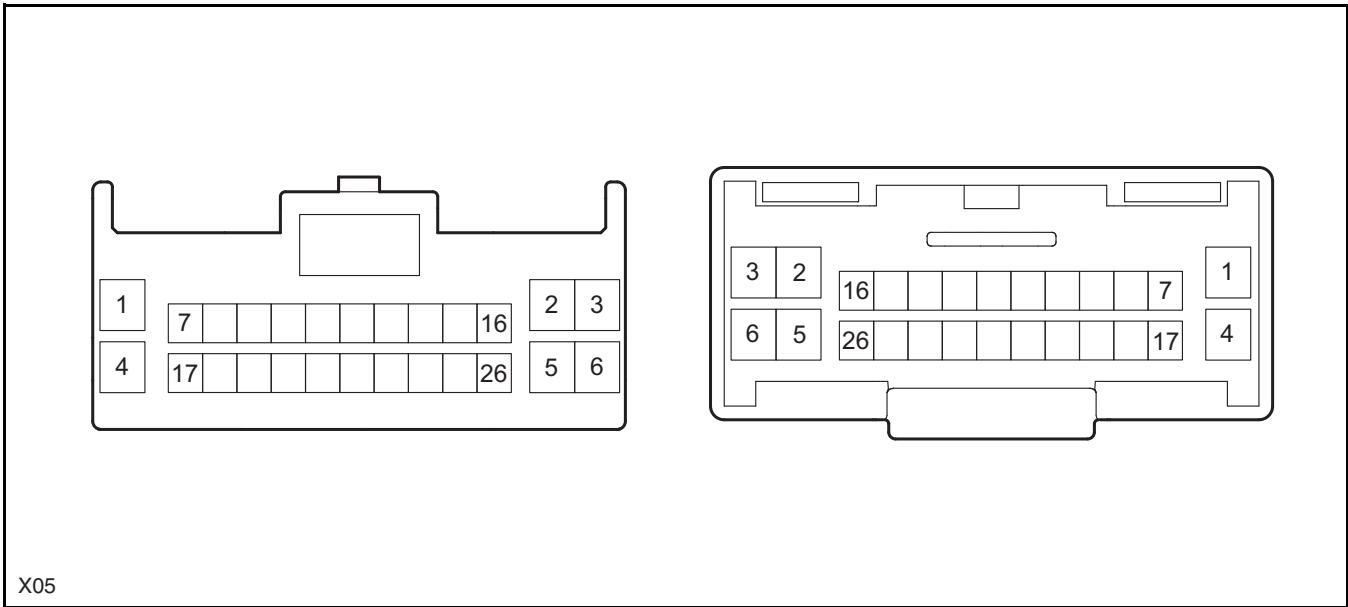
Engine Wiring Harness to Engine Compartment Fuse Box - 1

Engine Compartment Fuse Box to Engine Wiring Harness - 1



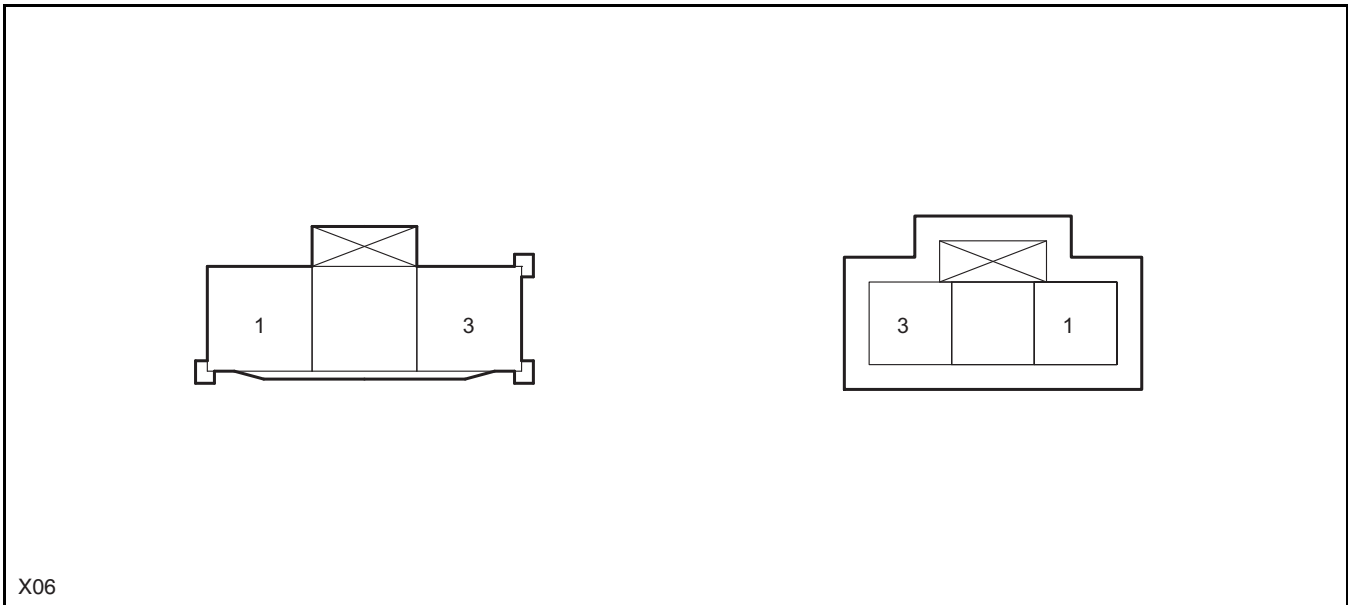
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



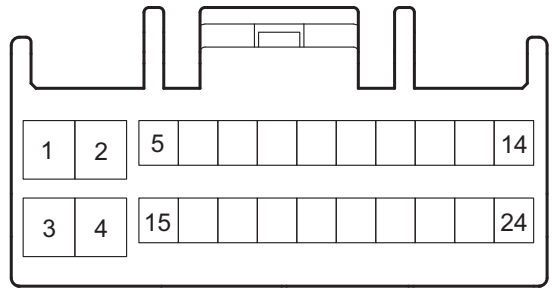
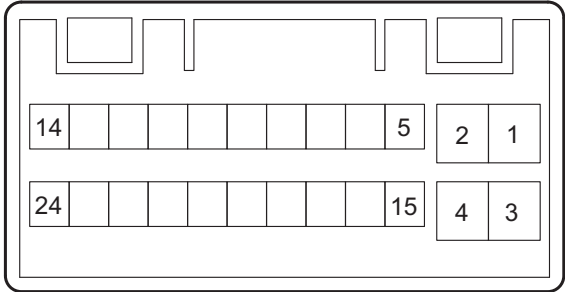
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

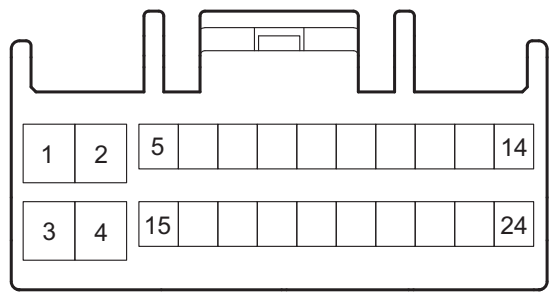
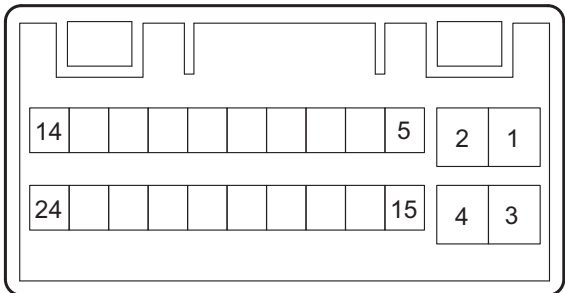
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X13

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

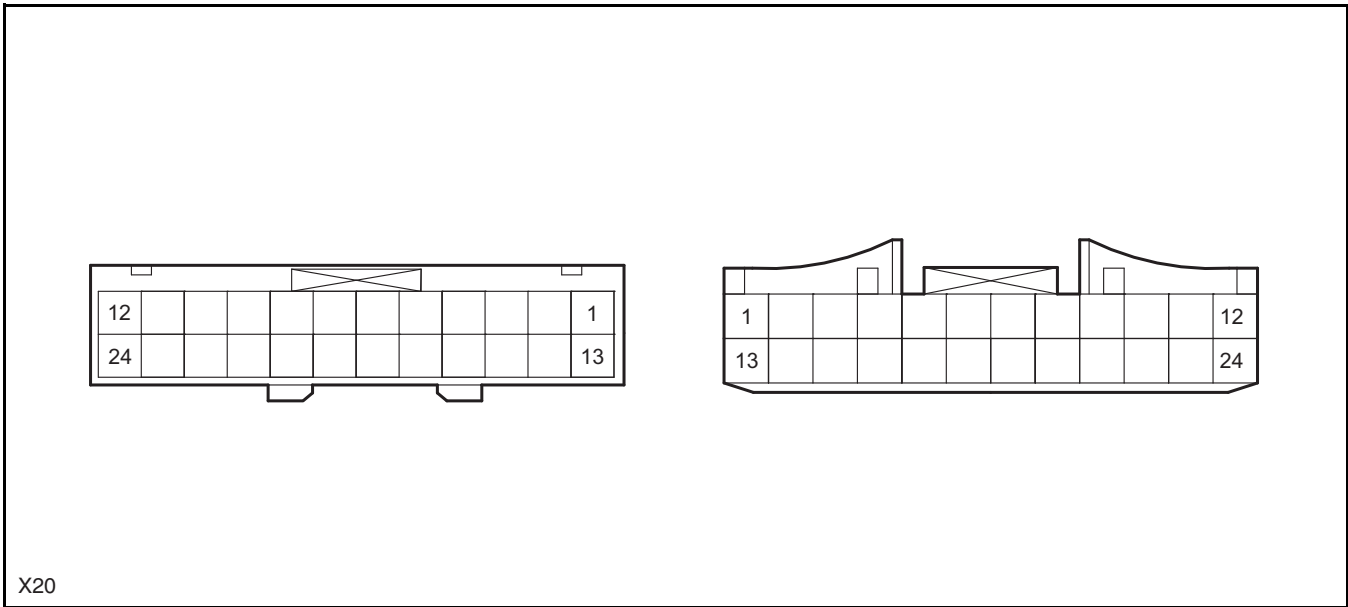
Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X15

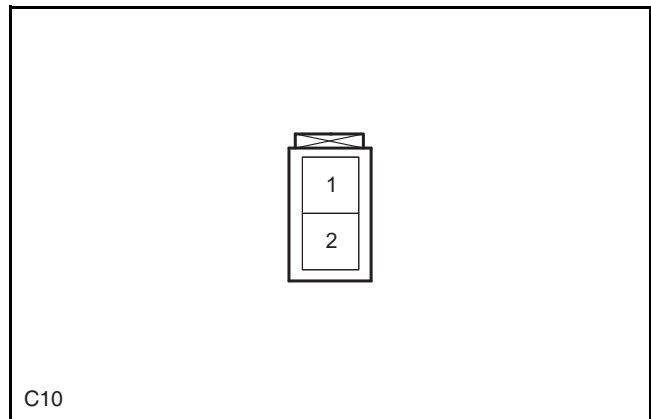
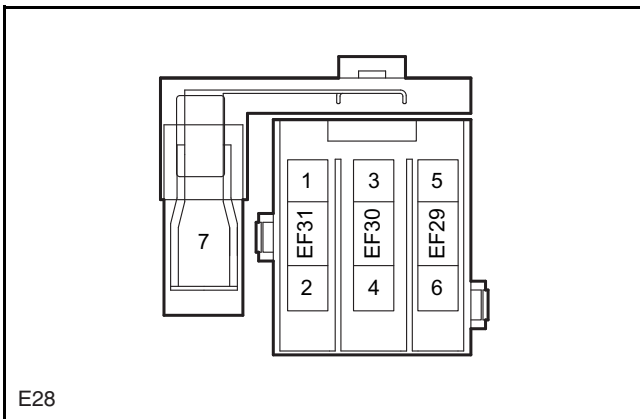
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



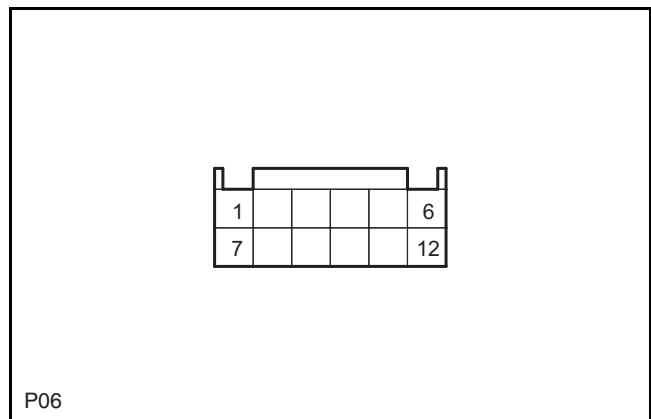
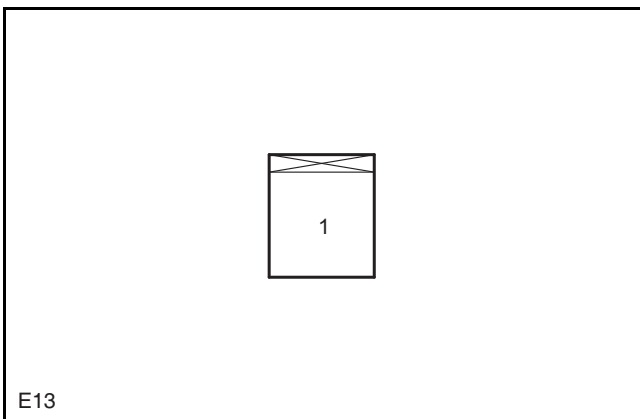
Battery Positive Fuse Box

Brake Fluid Level Sensor

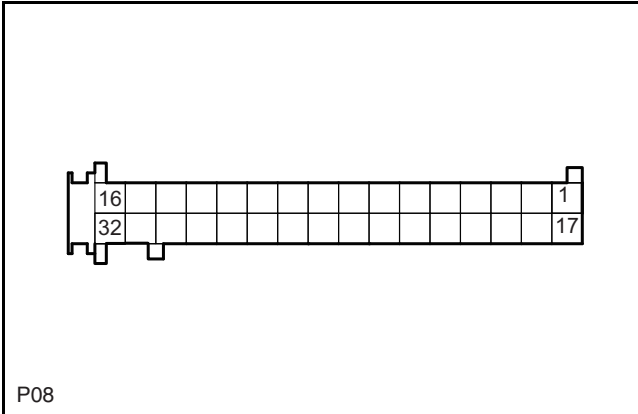


Engine Oil Pressure Sensor

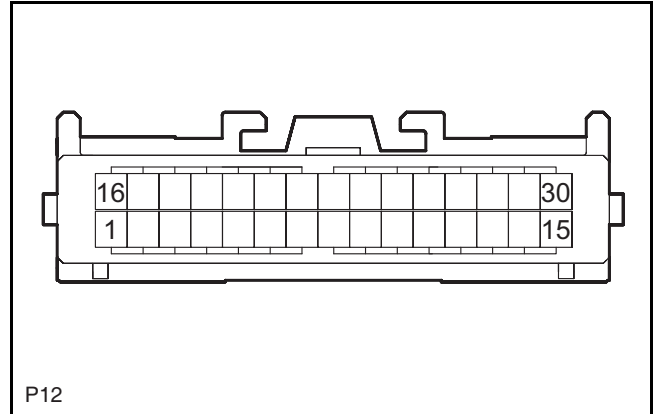
Spiral Cable - Multi-functional Switch



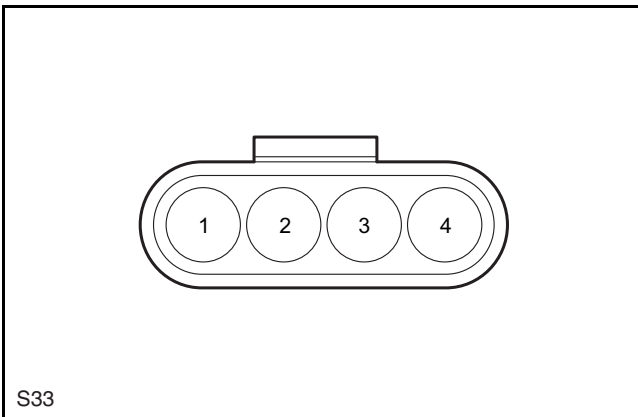
Instrument Cluster



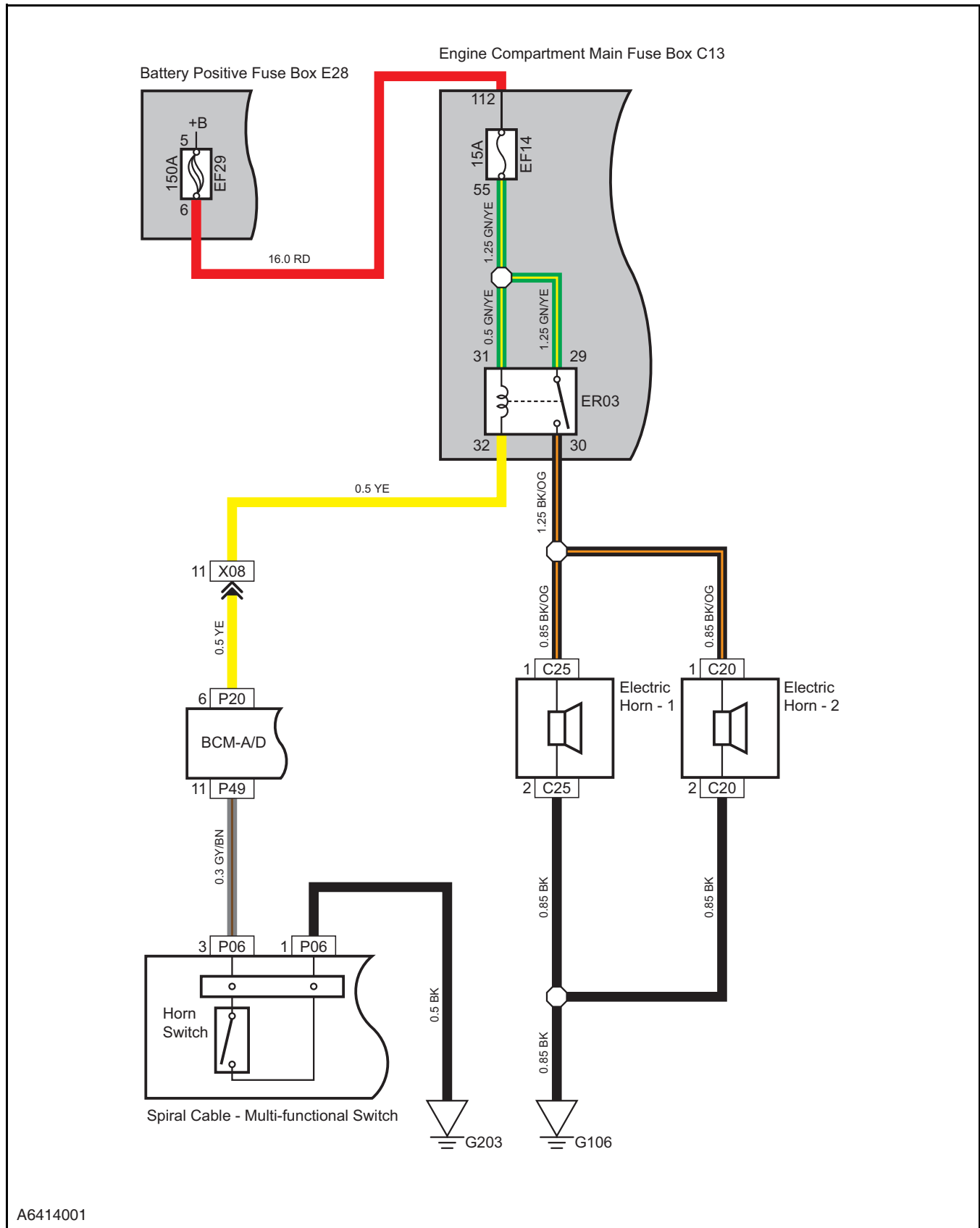
Short Circuiter - 3



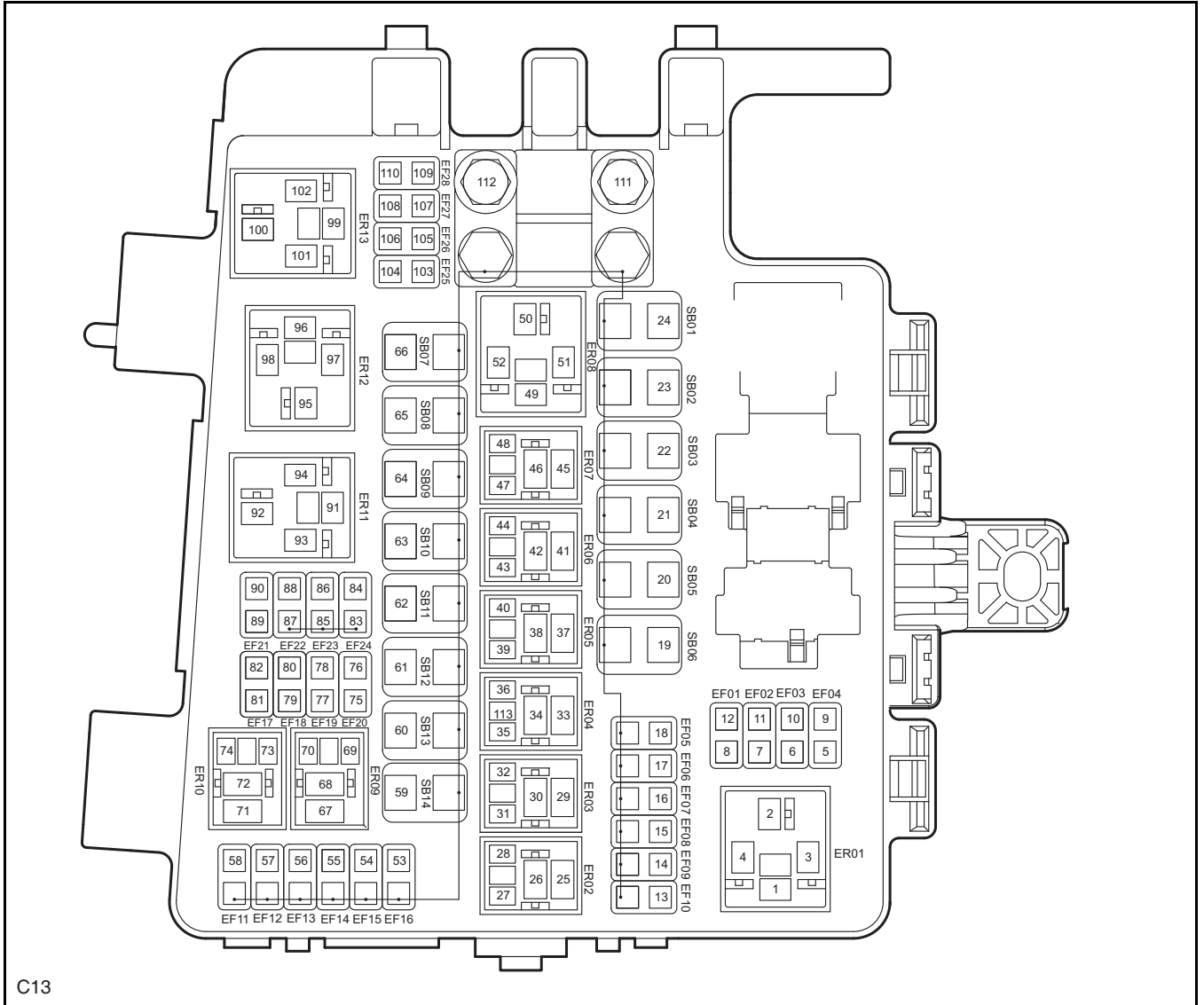
Fuel Pump



Horn

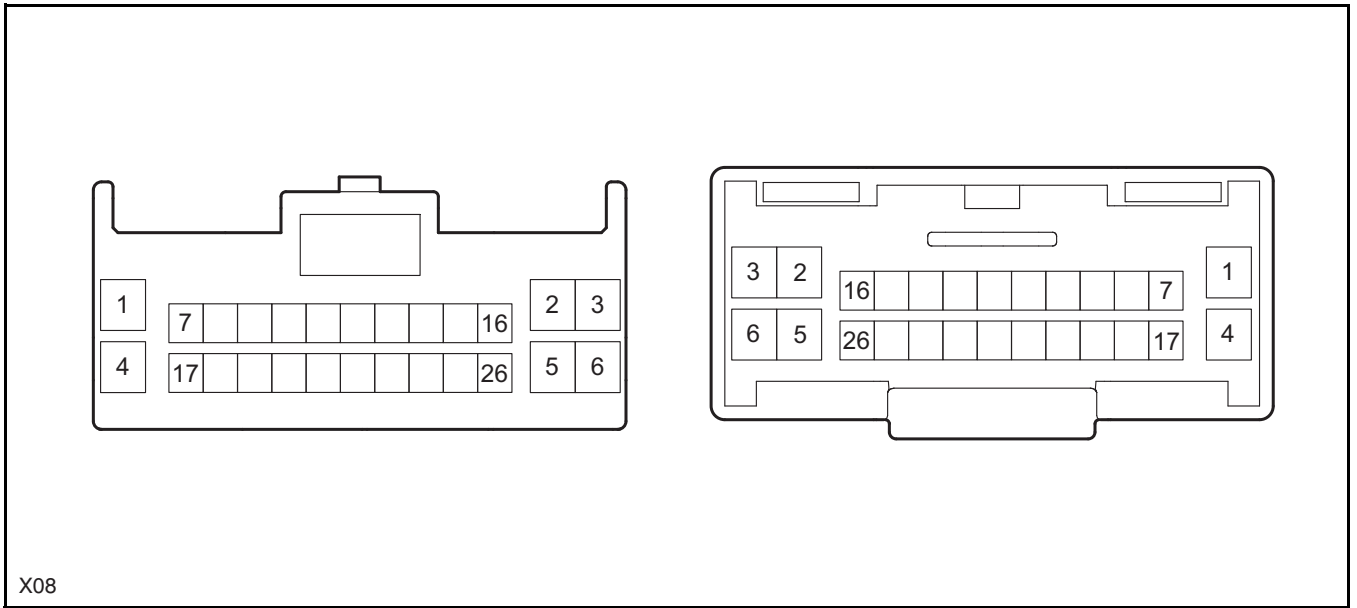


Engine Compartment Main Fuse Box



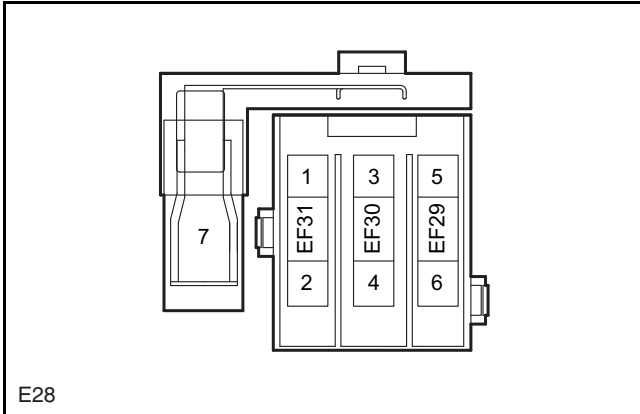
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Right 2



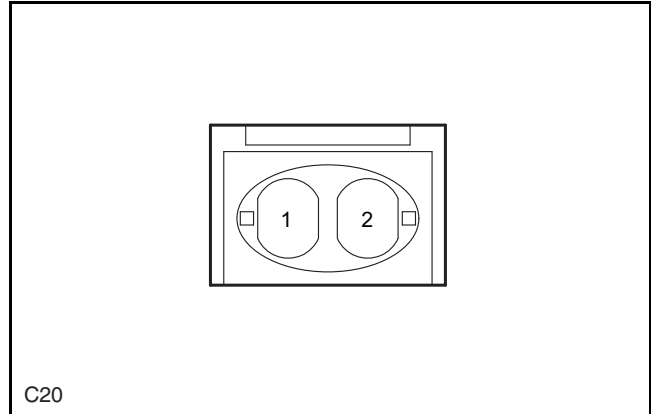
X08

Battery Positive Fuse Box



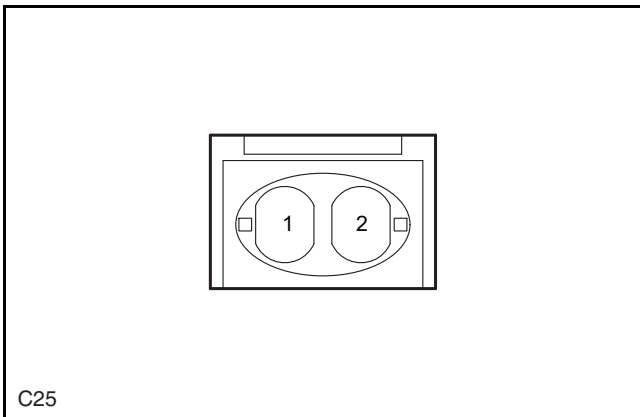
E28

Electric Horn - 2



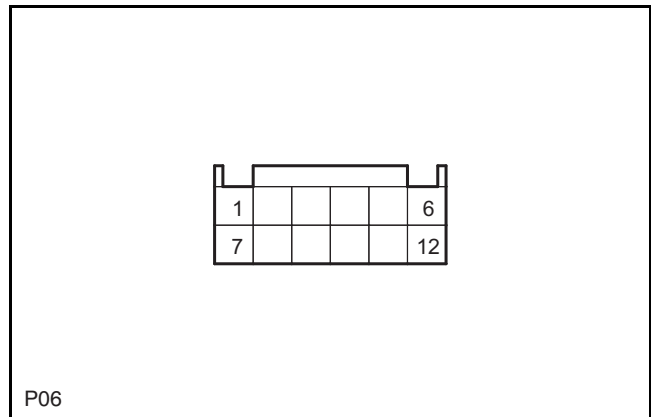
C20

Electric Horn - 1



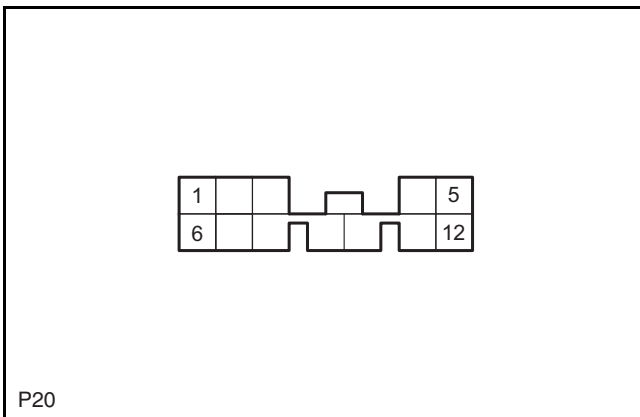
C25

Spiral Cable - Multi-functional Switch



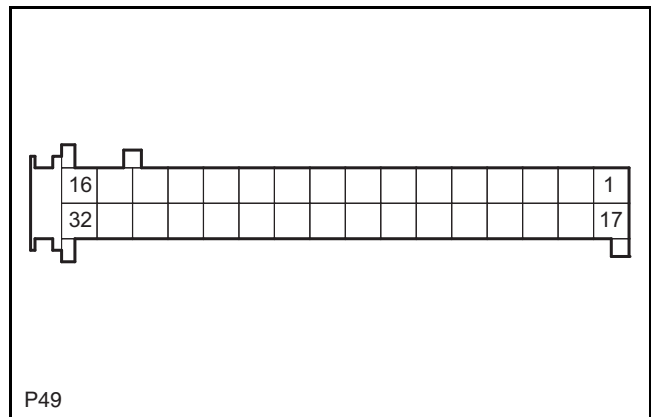
P06

BCM-A



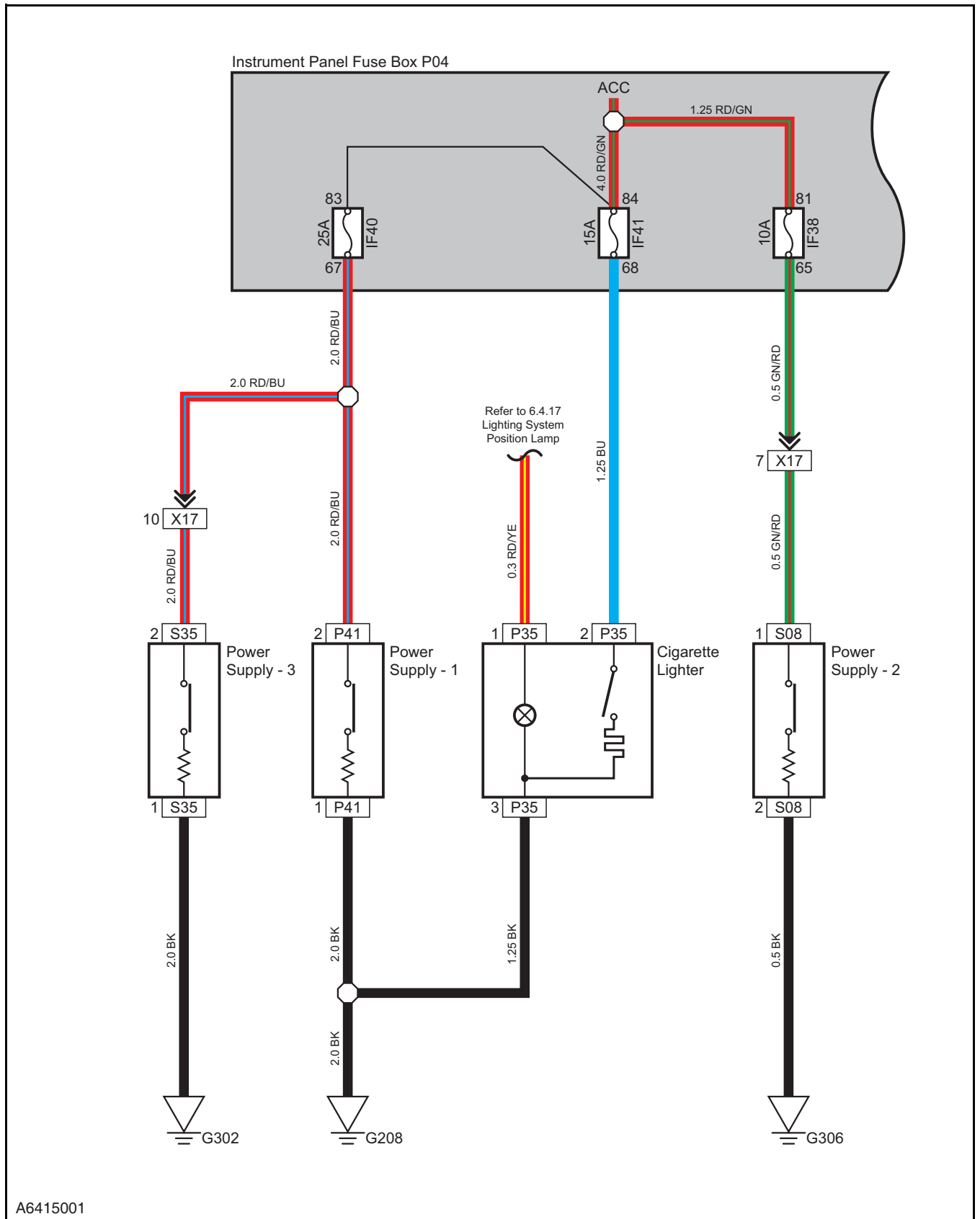
P20

BCM-D

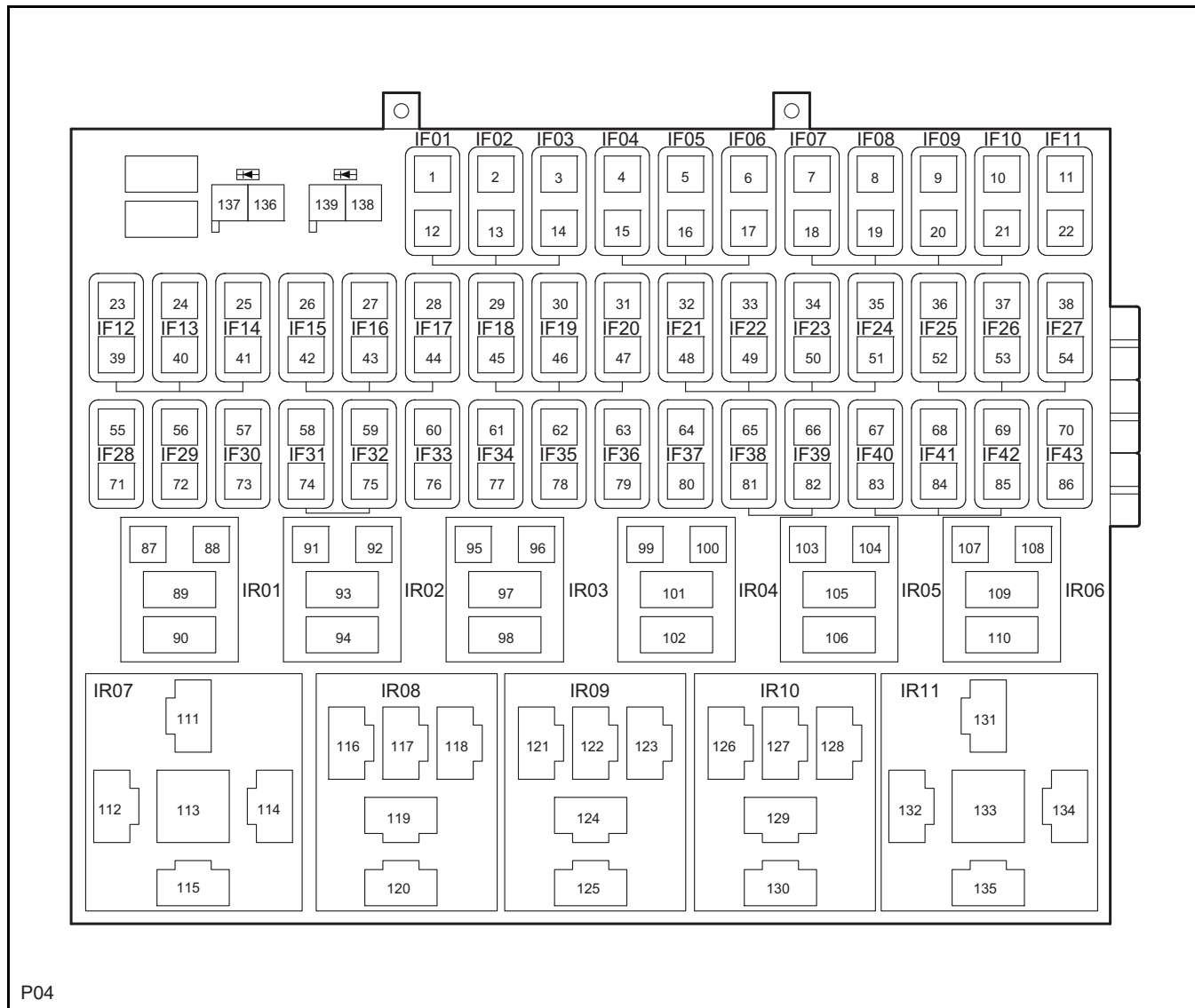


P49

Cigarette Lighter & On-board Power Supply

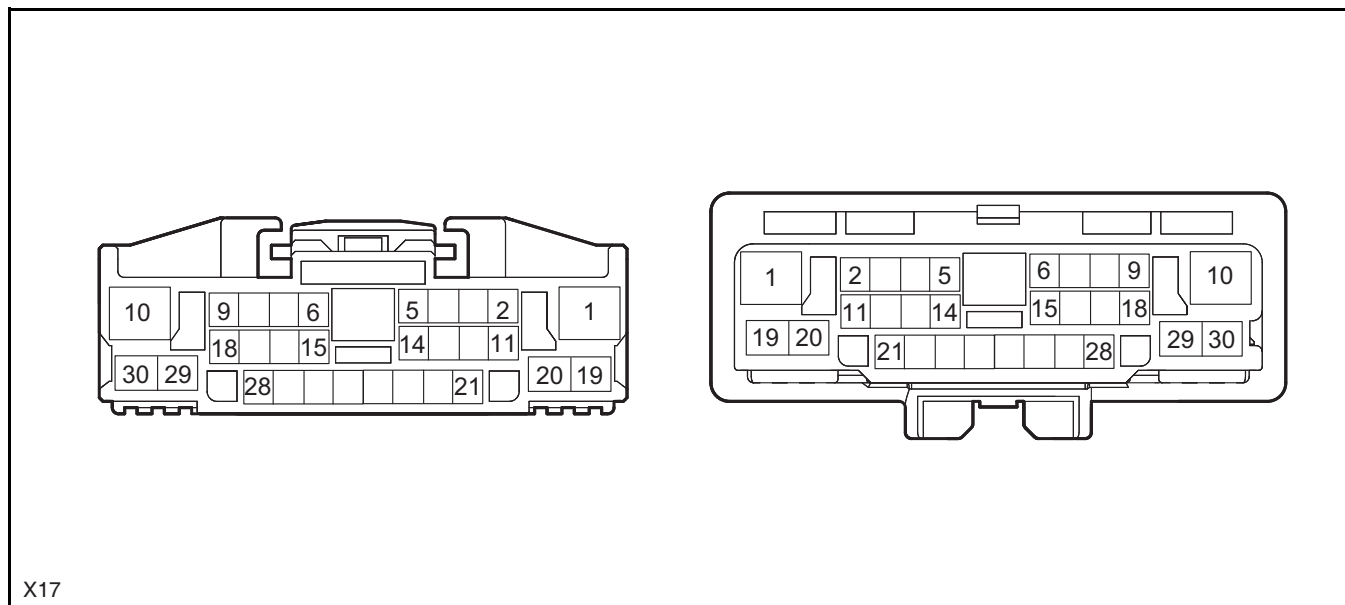


Instrument Panel Fuse Box



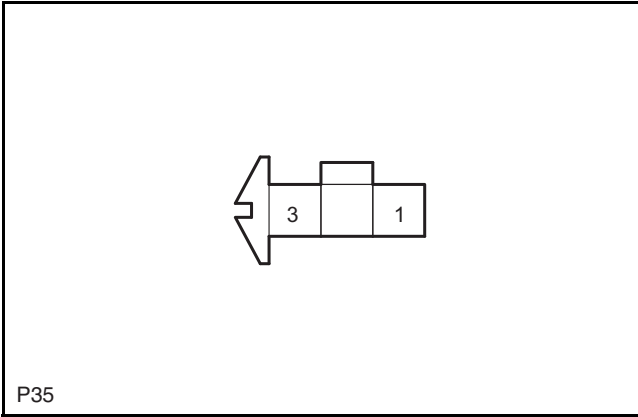
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Center

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Center



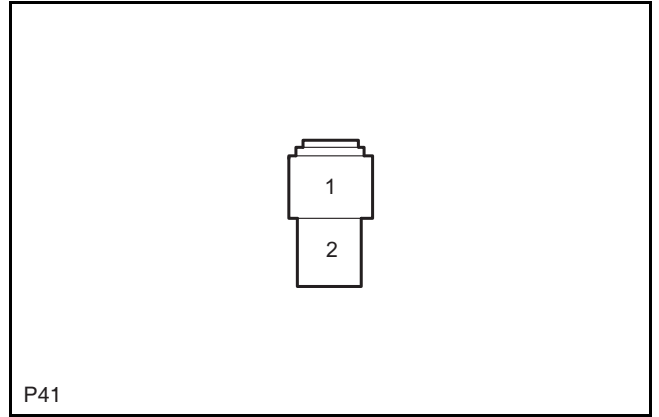
X17

Cigarette Lighter



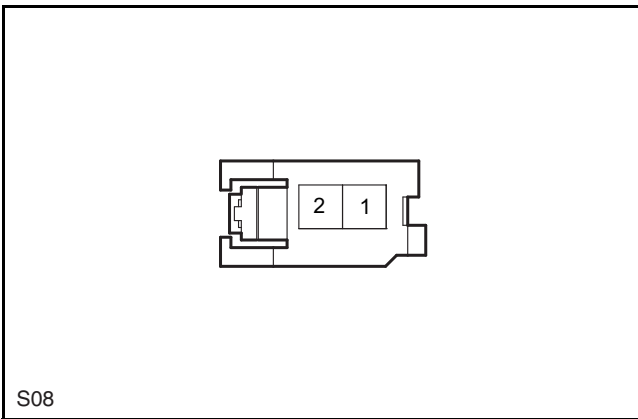
P35

Power Supply - 1



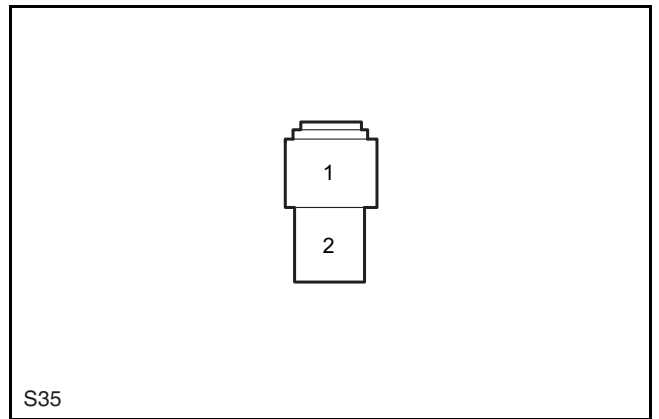
P41

Power Supply - 2



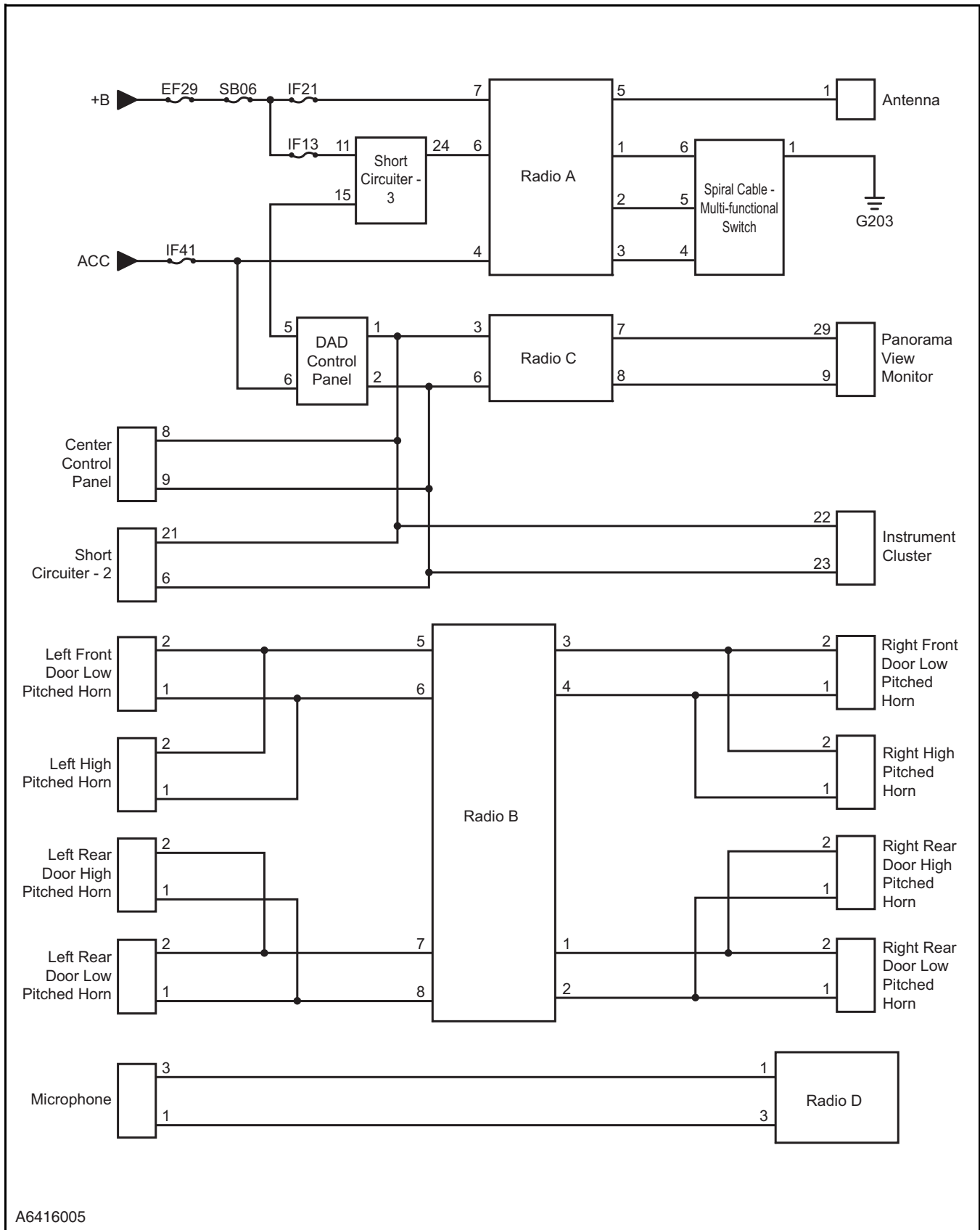
S08

Power Supply - 3

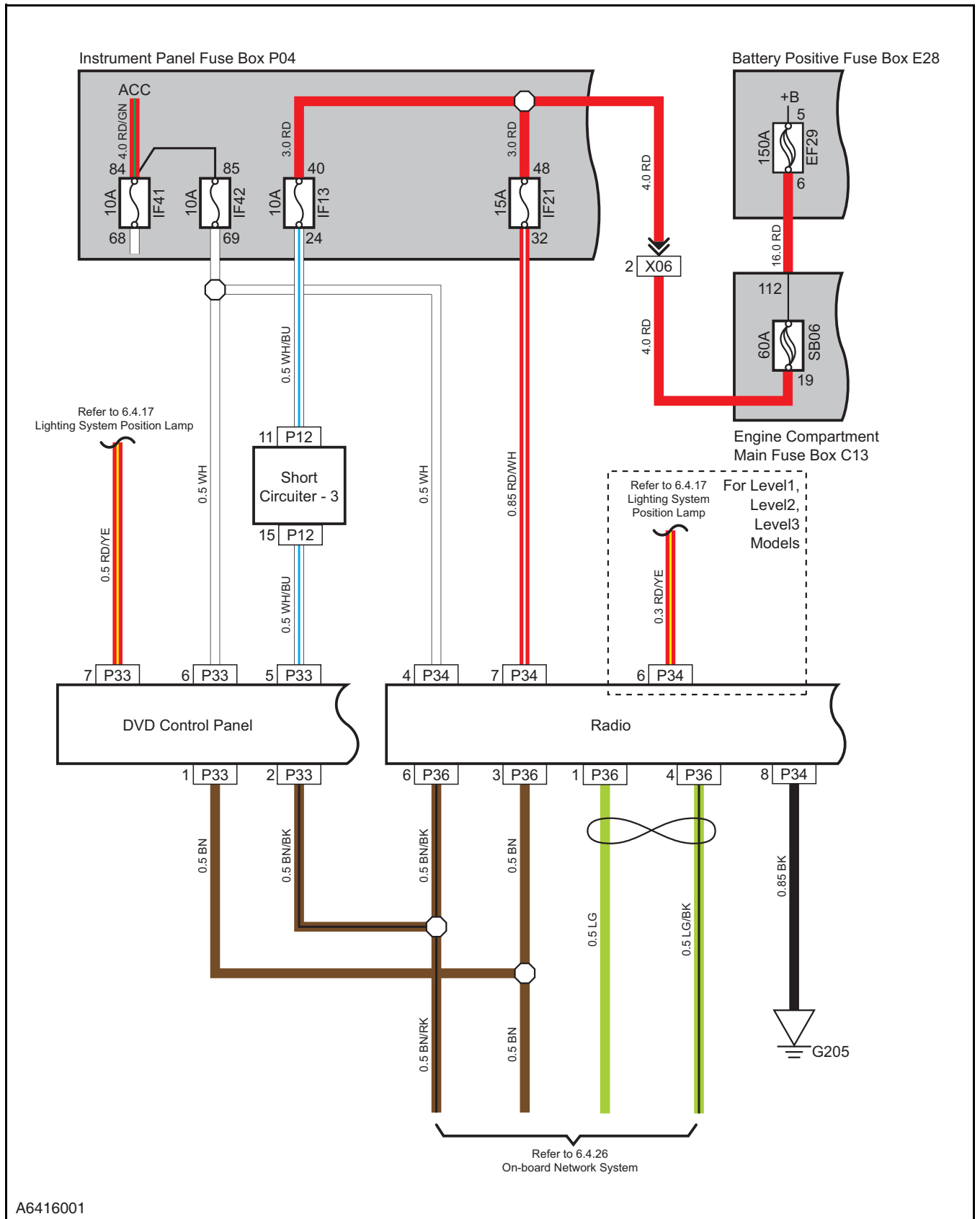


S35

Information and Entertainment System

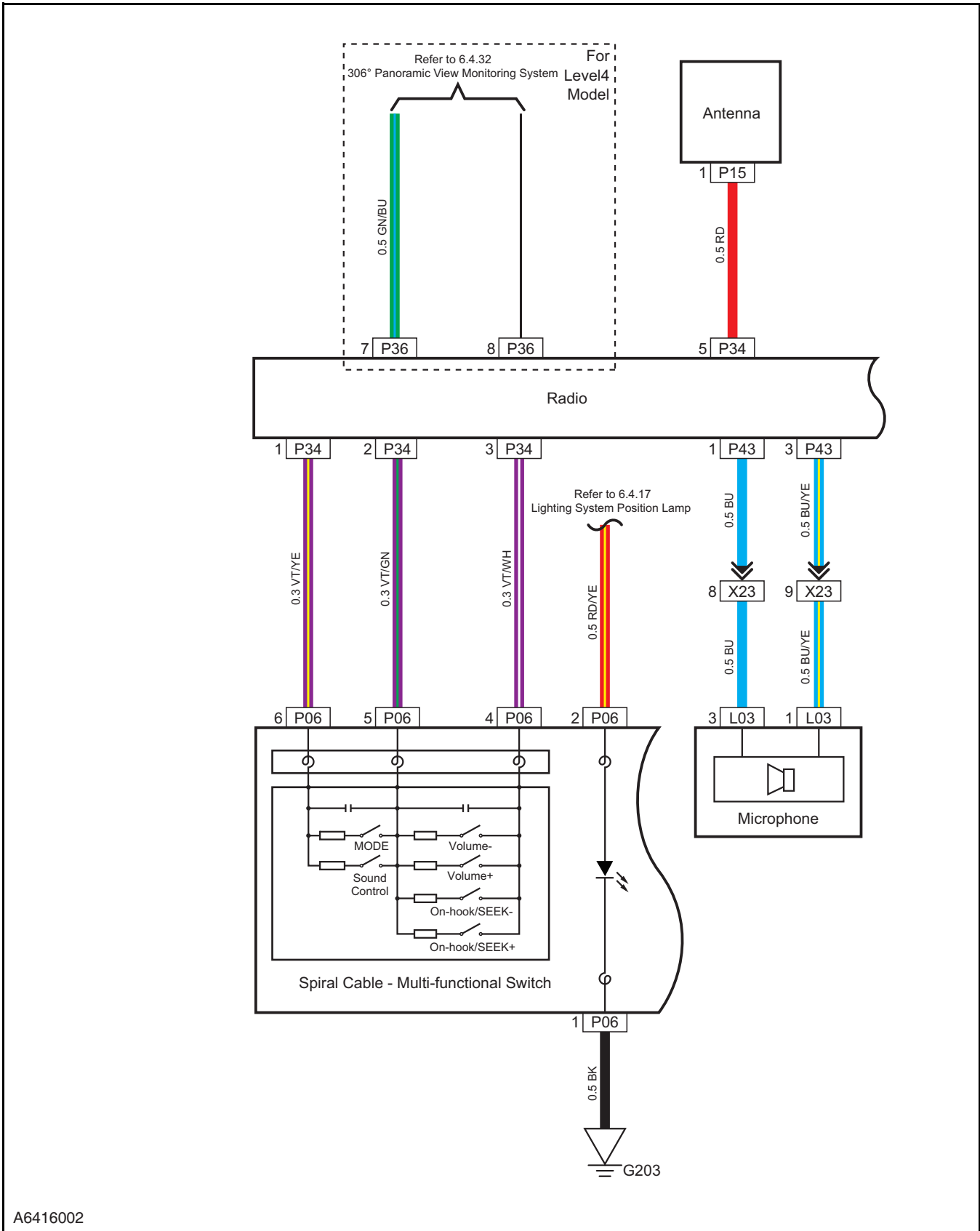


Power Supply

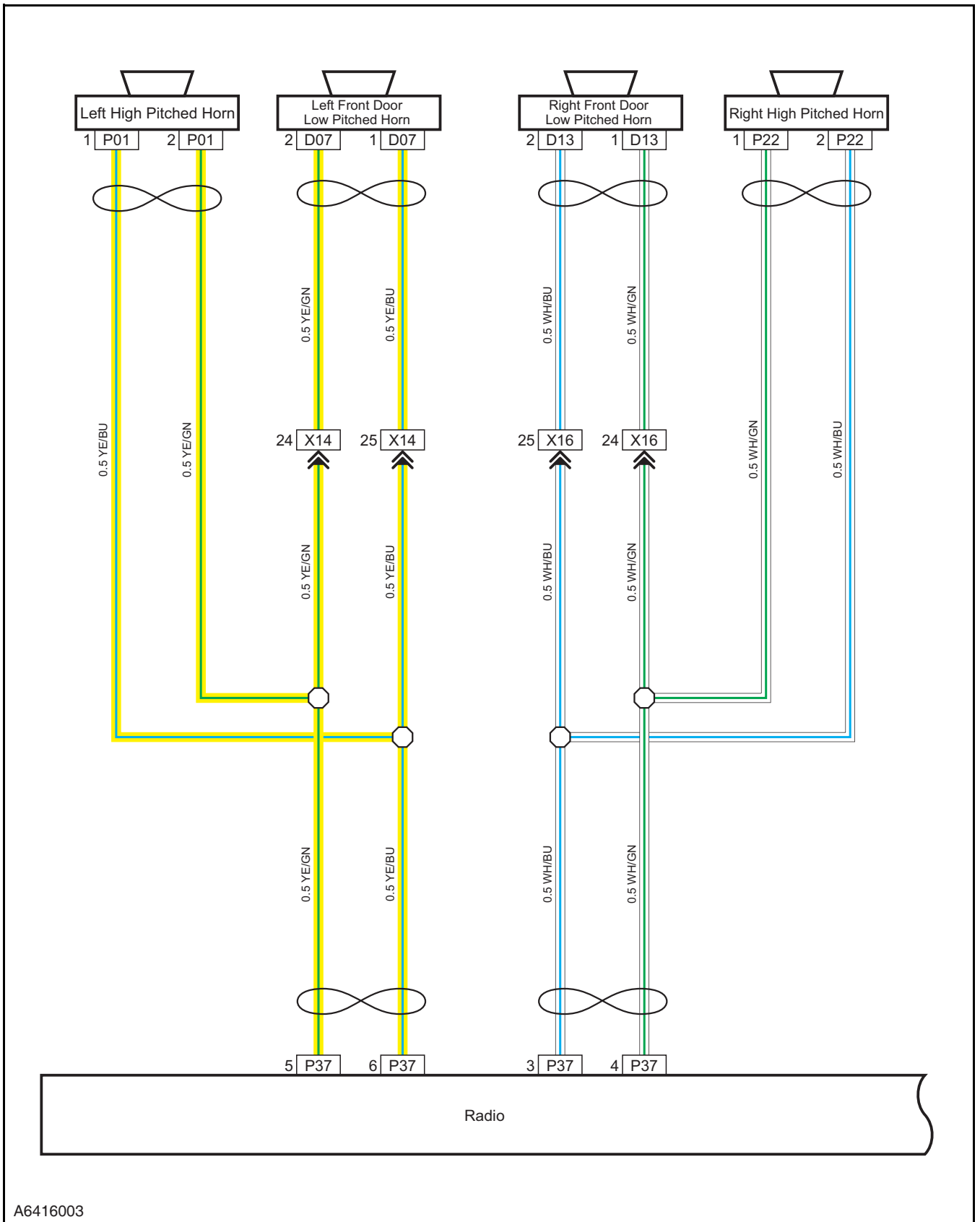


A6416001

Microphone/Antenna/Multi-functional Switch

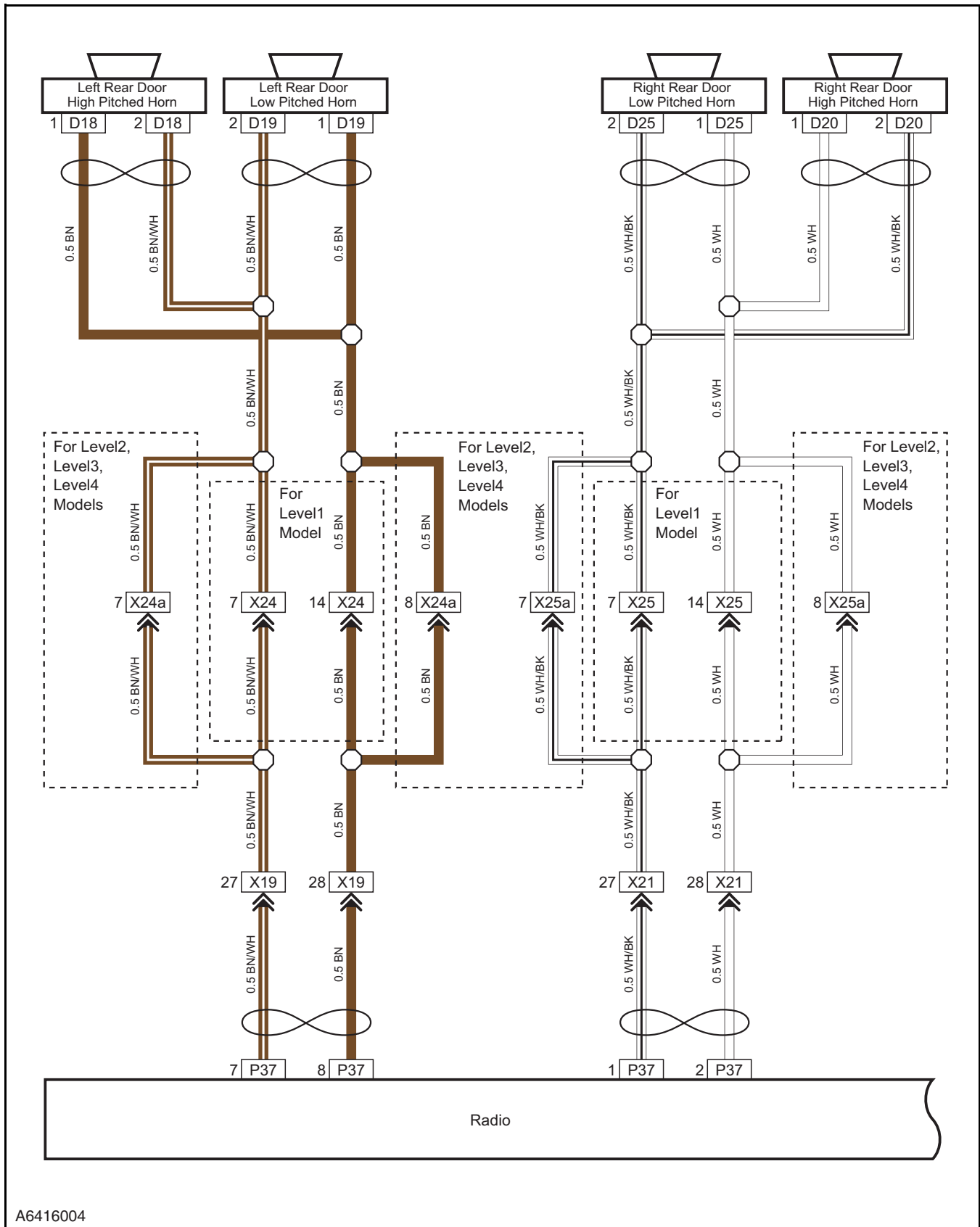


Front Speaker



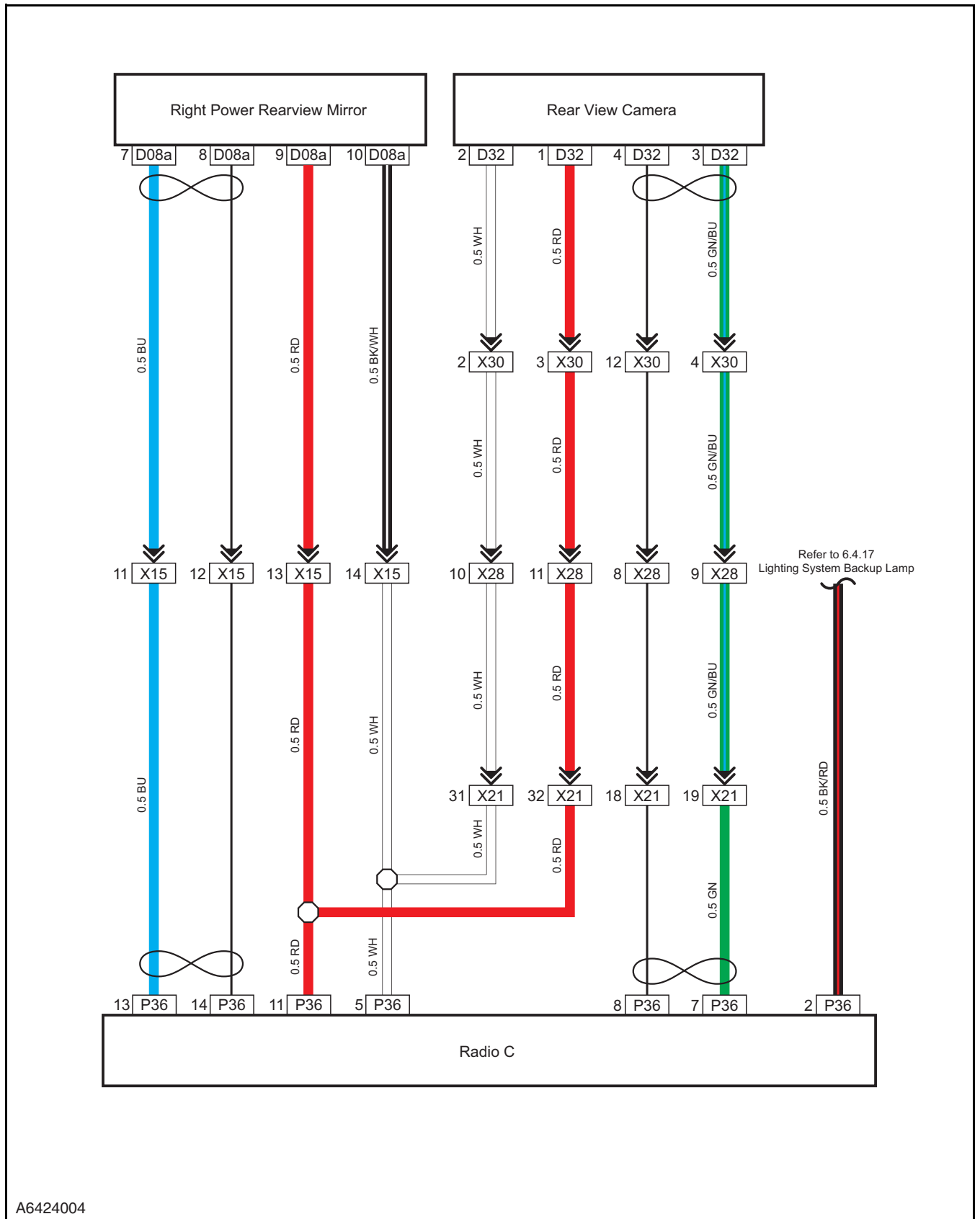
A6416003

Rear Speaker



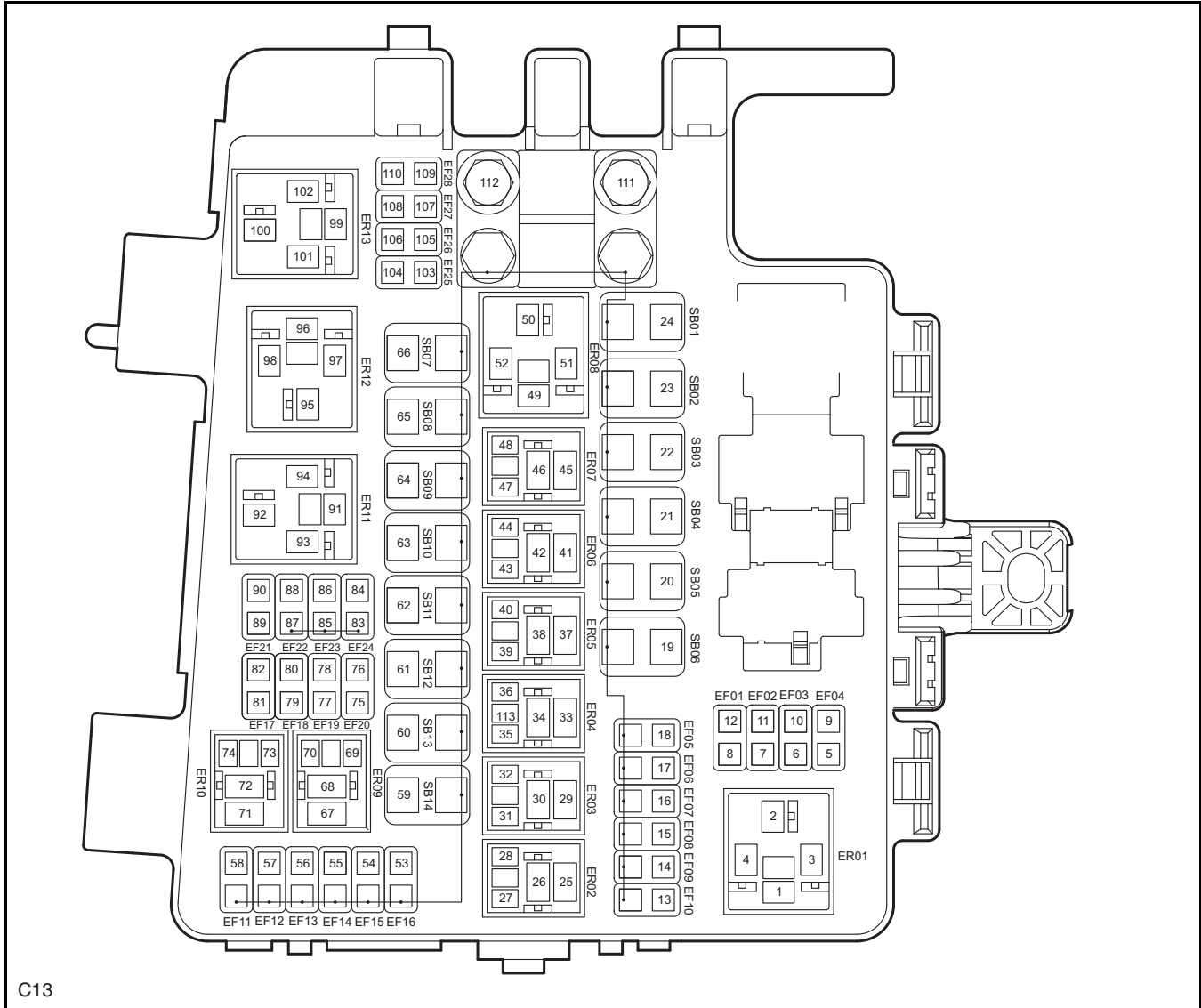
A6416004

Rearview Monitor (for Level2, Level3 Models)



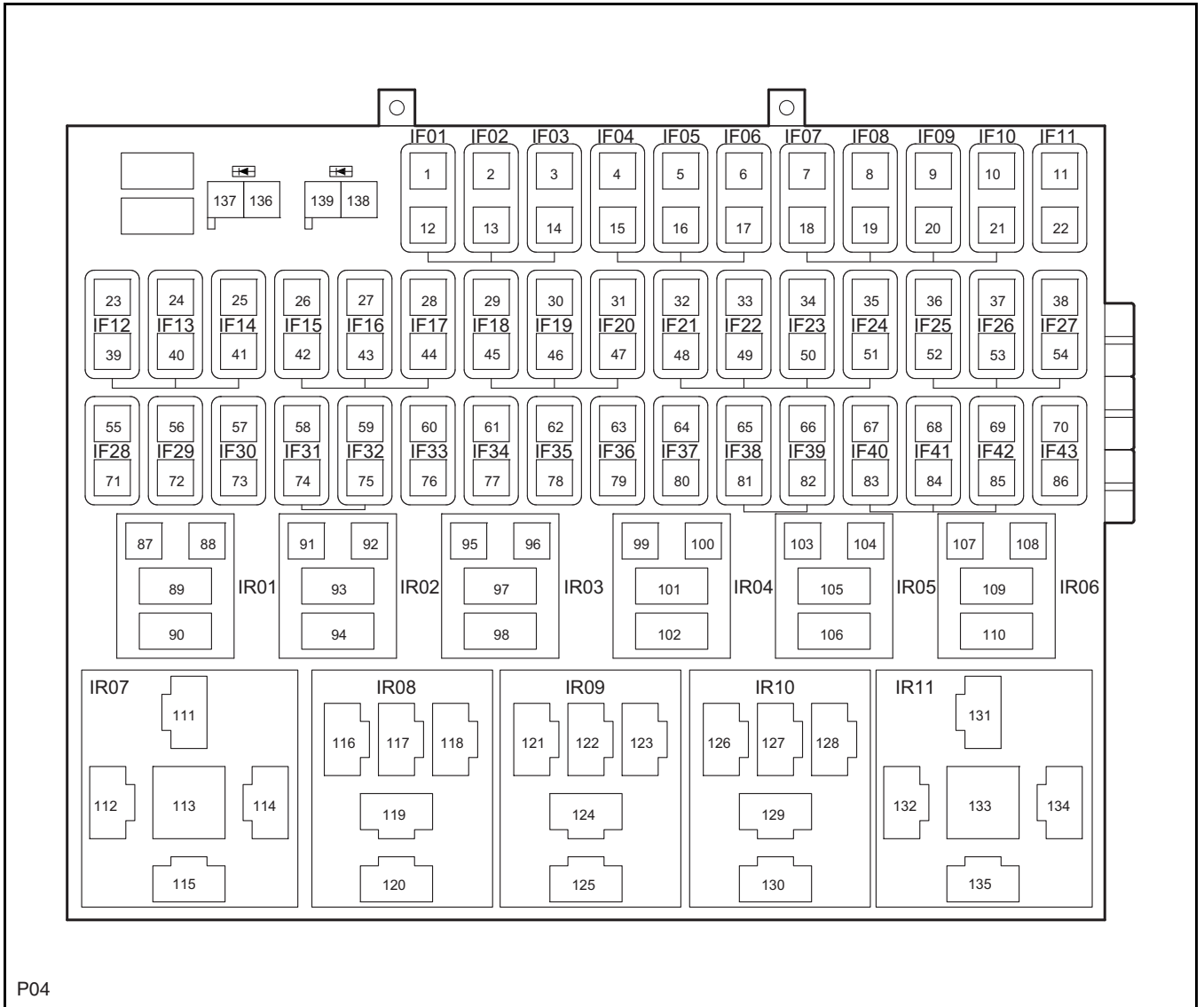
A6424004

Engine Compartment Main Fuse Box



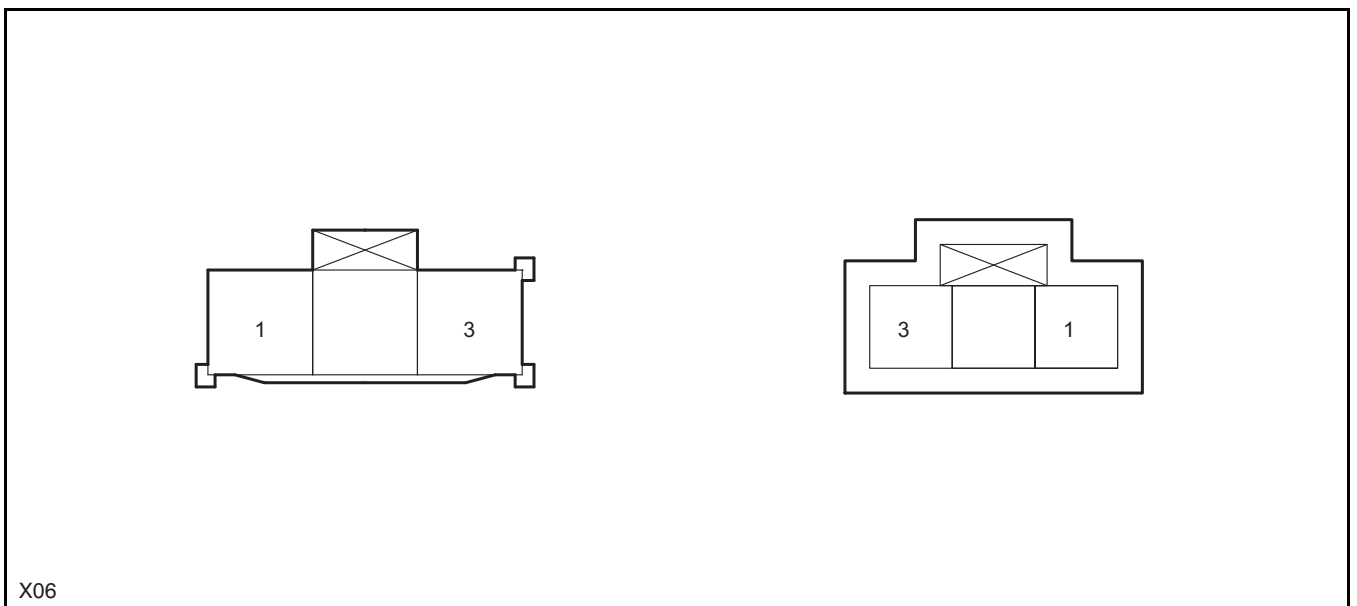
C13

Instrument Panel Fuse Box



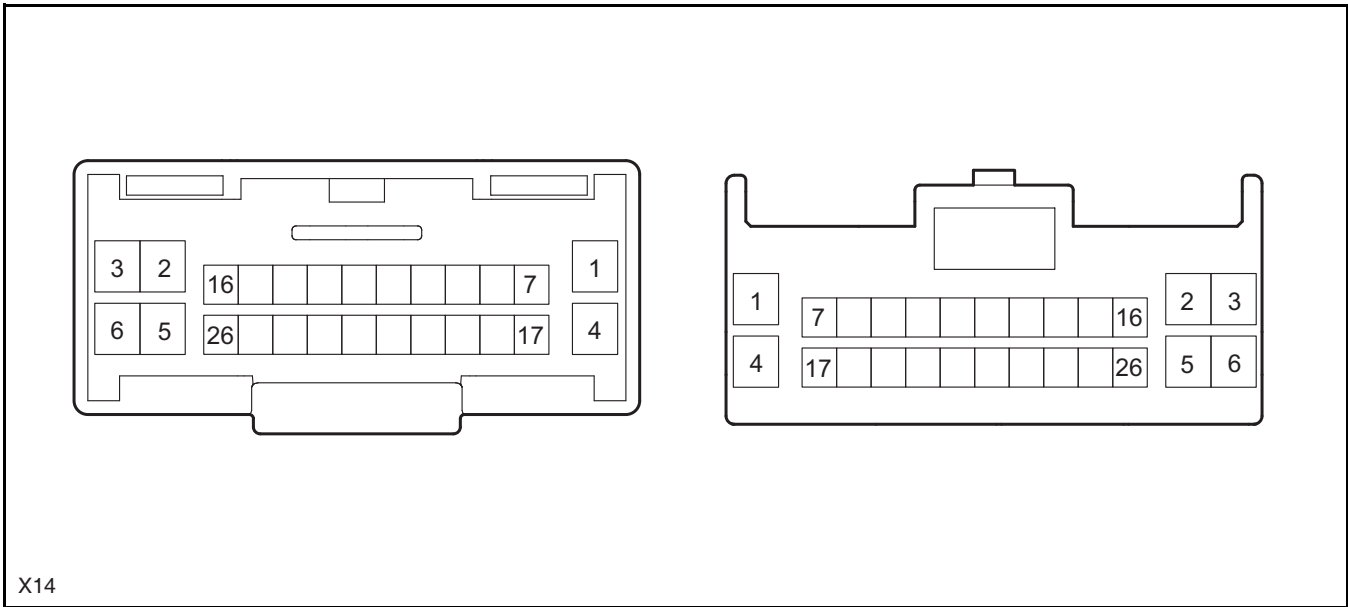
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



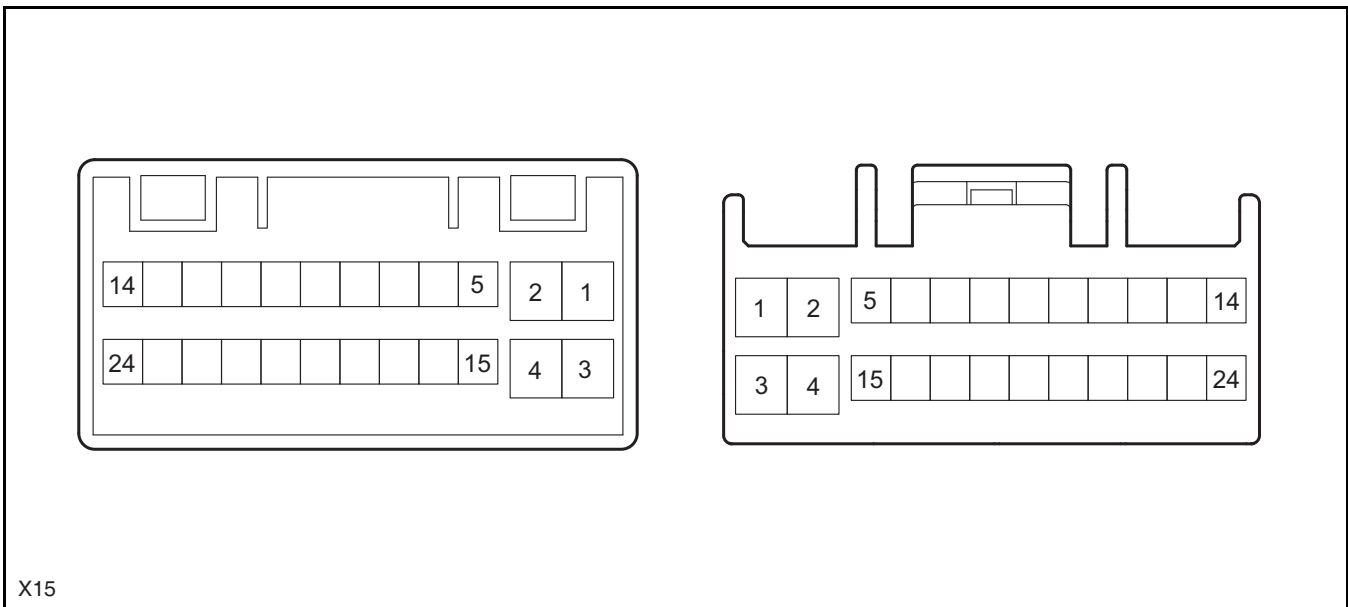
Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



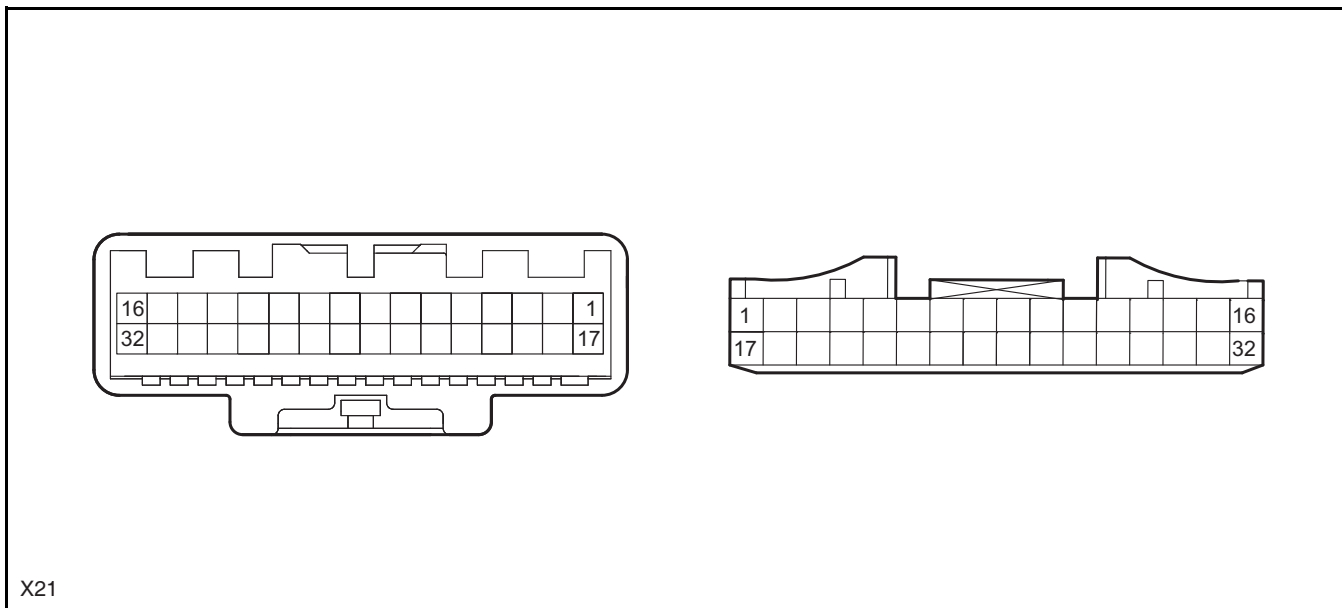
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



Chassis Wiring Harness to Instrument Panel Wiring Harness - Right 1

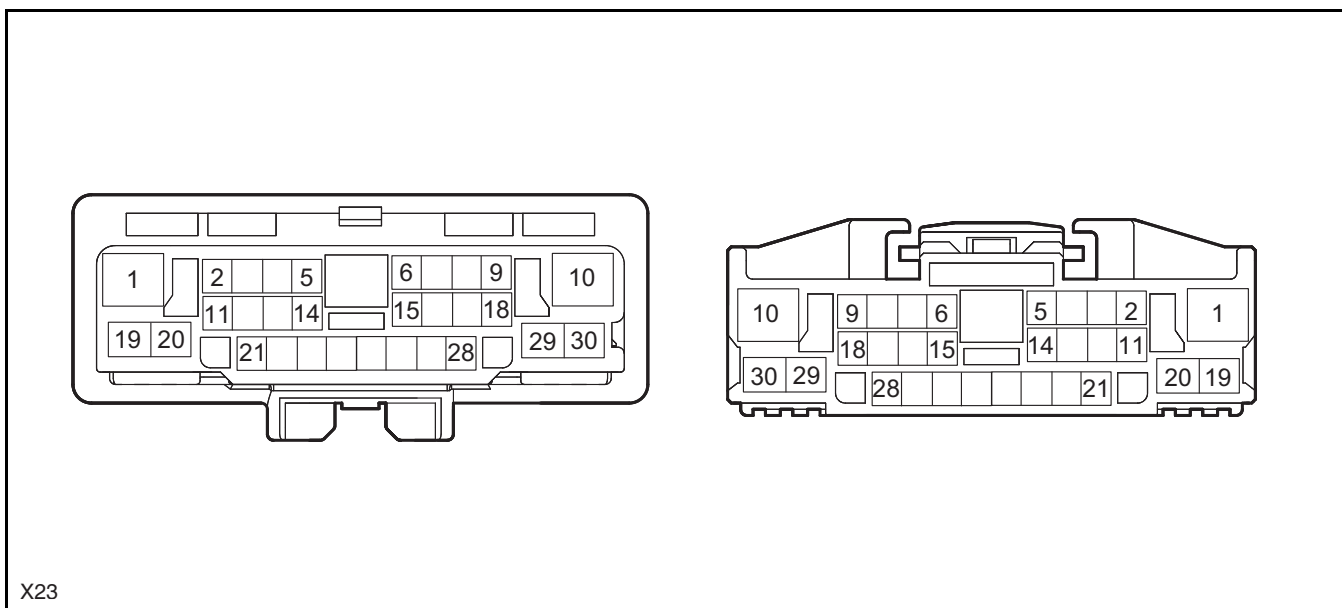
Instrument Panel Wiring Harness to Chassis Wiring Harness - Right 1



X21

Roof Wiring Harness to Instrument Panel Wiring Harness

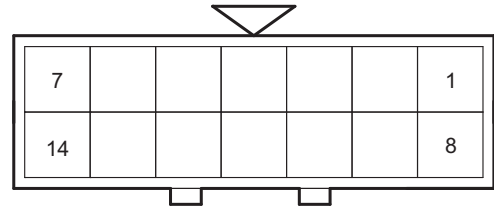
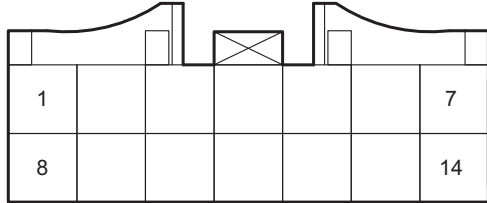
Instrument Panel Wiring Harness to Roof Wiring Harness



X23

Left Rear Door Wiring Harness to Chassis Wiring Harness

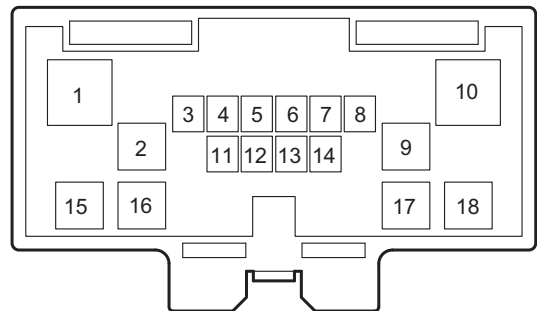
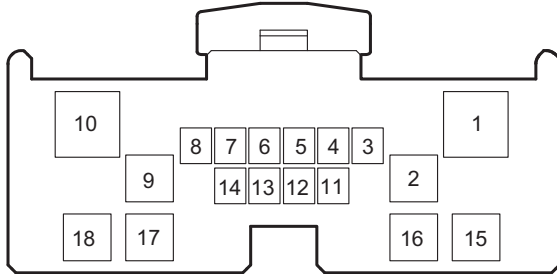
Chassis Wiring Harness to Left Rear Door Wiring Harness



X24

Left Rear Door Wiring Harness to Chassis Wiring Harness

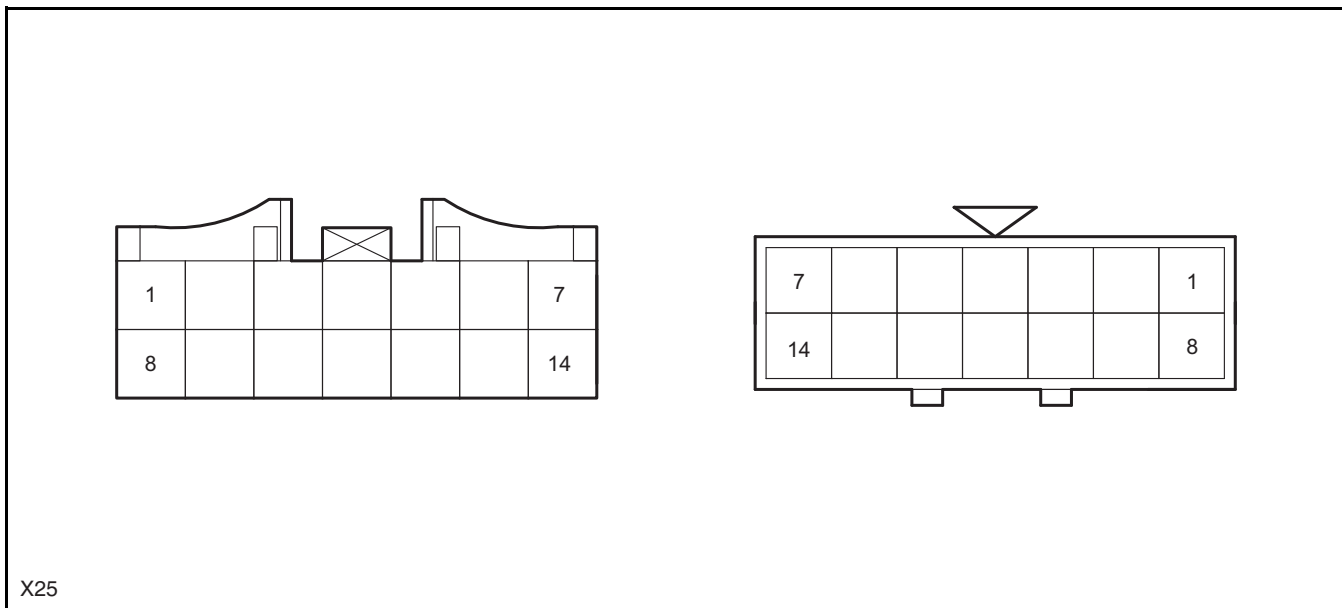
Chassis Wiring Harness to Left Rear Door Wiring Harness



X24a

Right Rear Door Wiring Harness to Chassis Wiring Harness

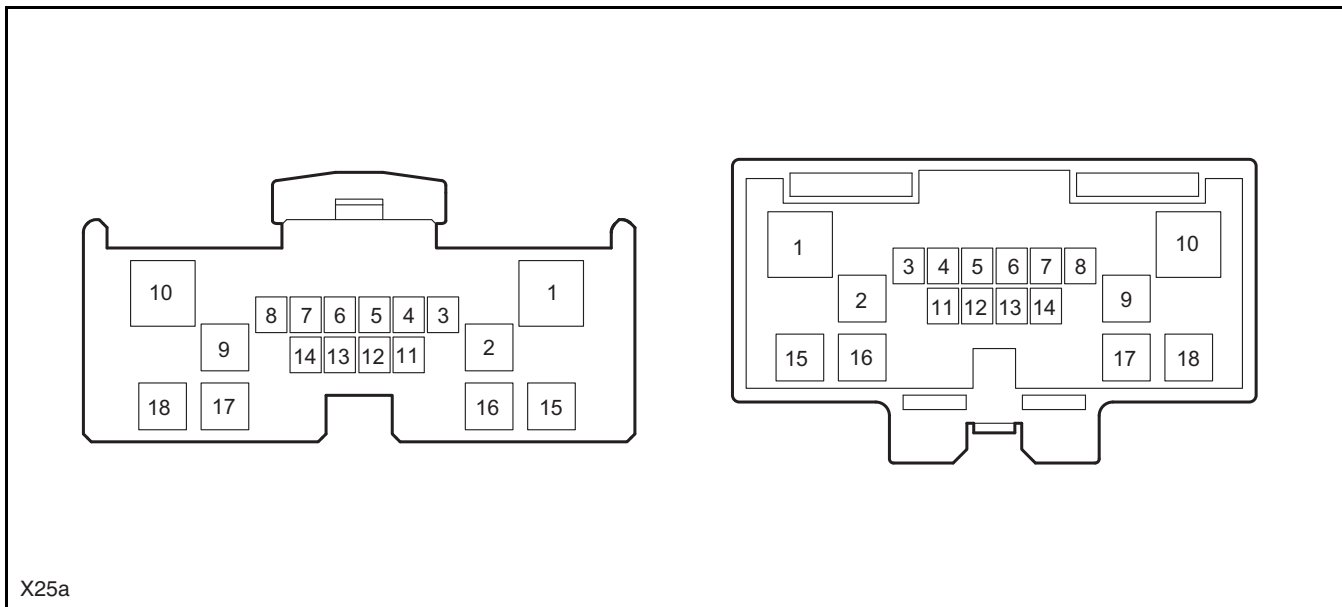
Chassis Wiring Harness to Right Rear Door Wiring Harness



X25

Right Rear Door Wiring Harness to Chassis Wiring Harness

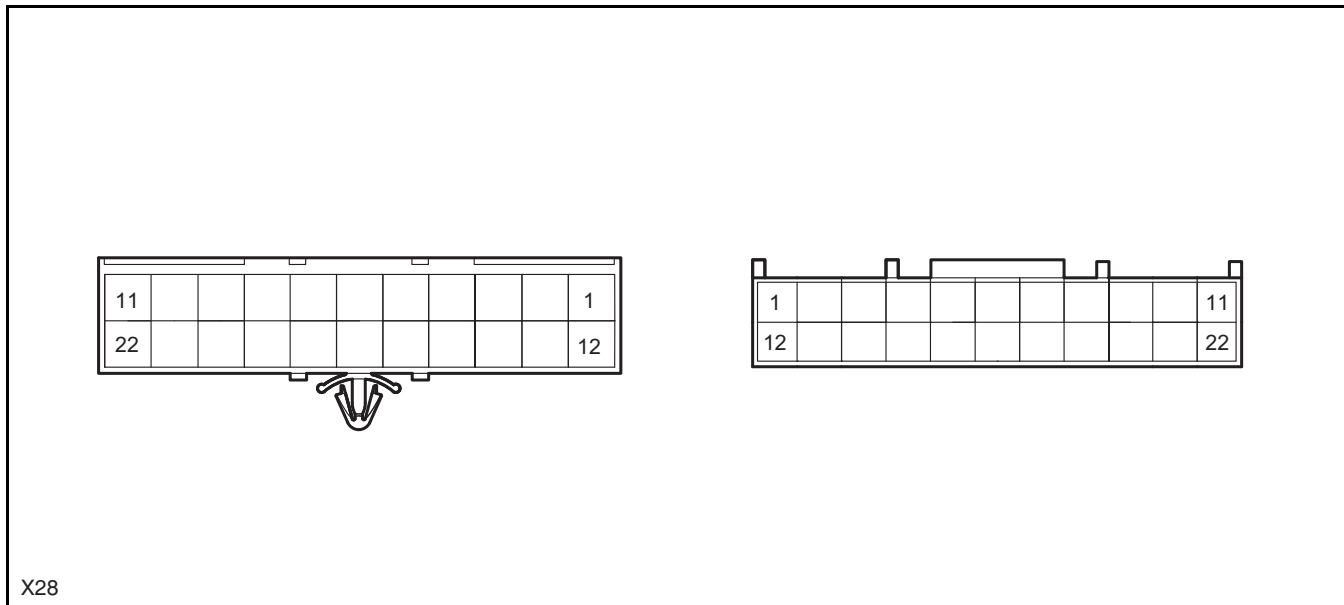
Chassis Wiring Harness to Right Rear Door Wiring Harness



X25a

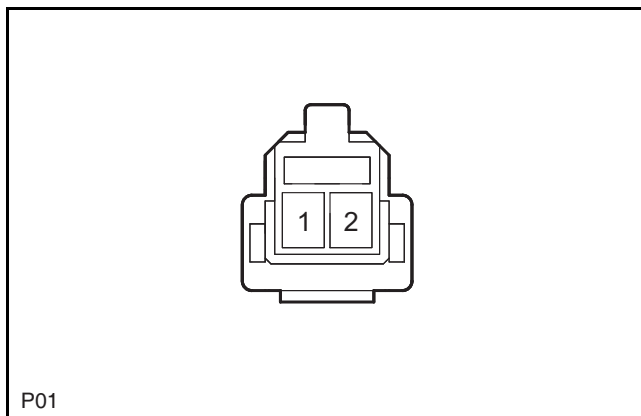
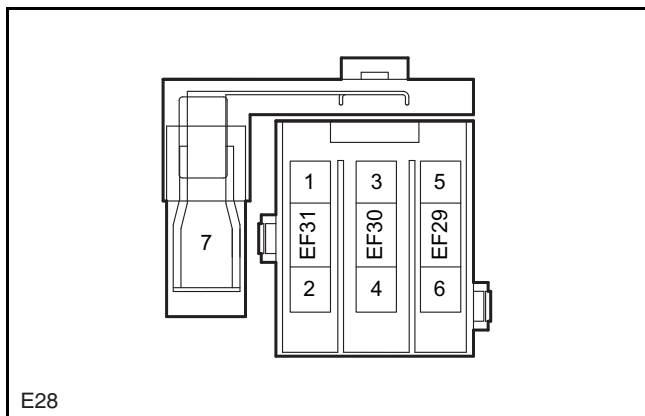
Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness



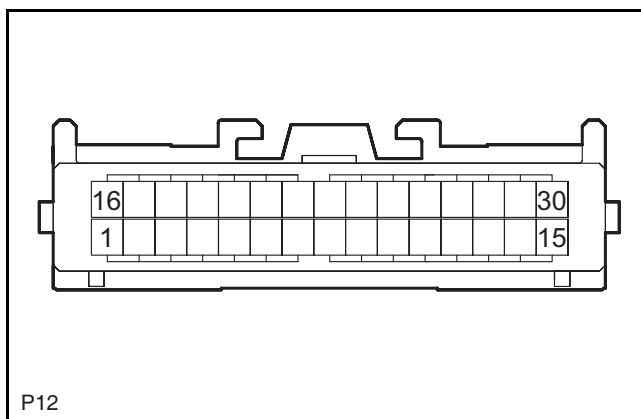
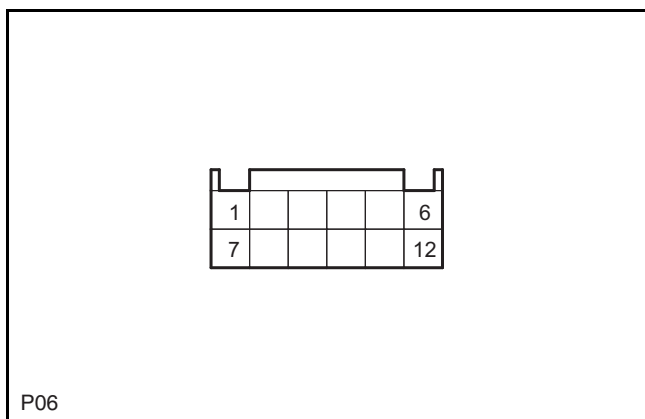
Battery Positive Fuse Box

Left High Pitched Horn

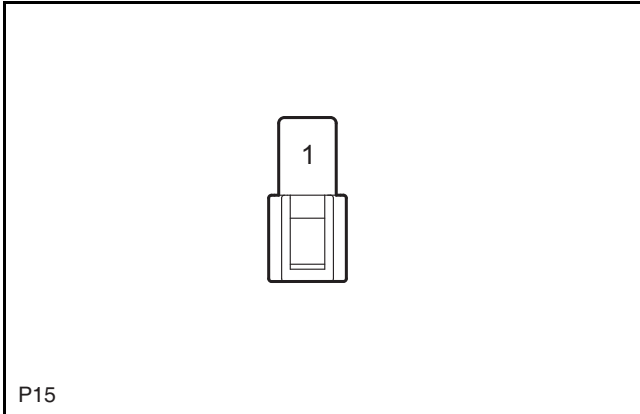


Spiral Cable - Multi-functional Switch

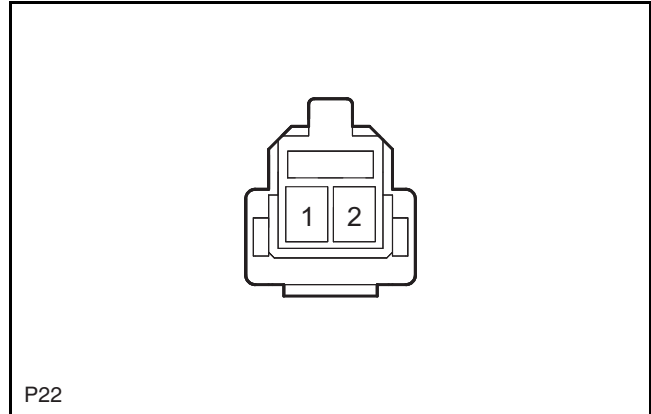
Short Circuiter - 3



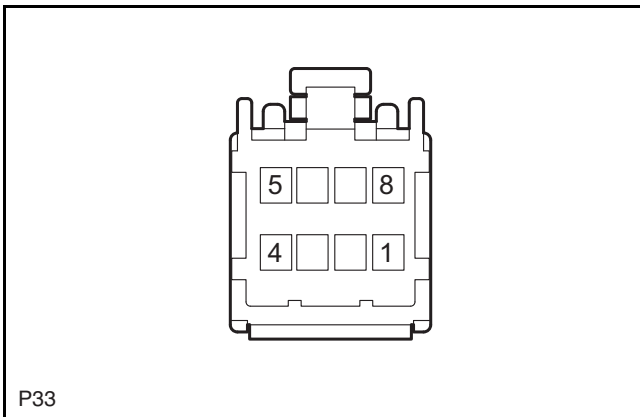
Antenna Power Supply



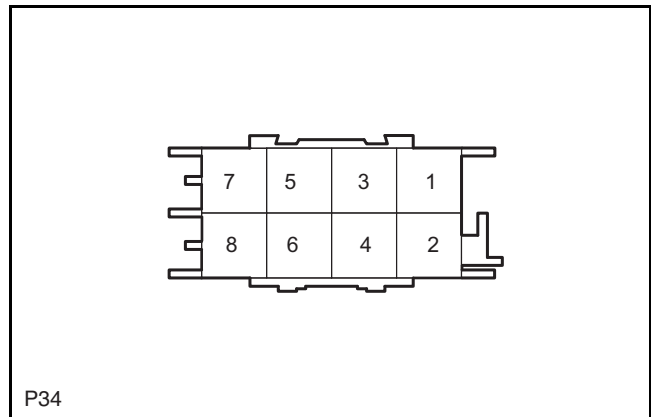
Right High Pitched Horn



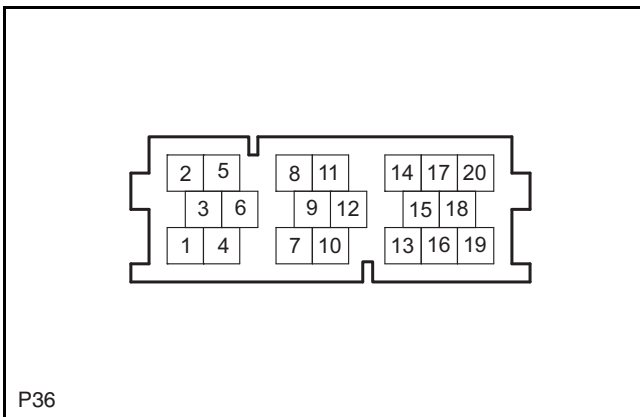
DVD Control Panel



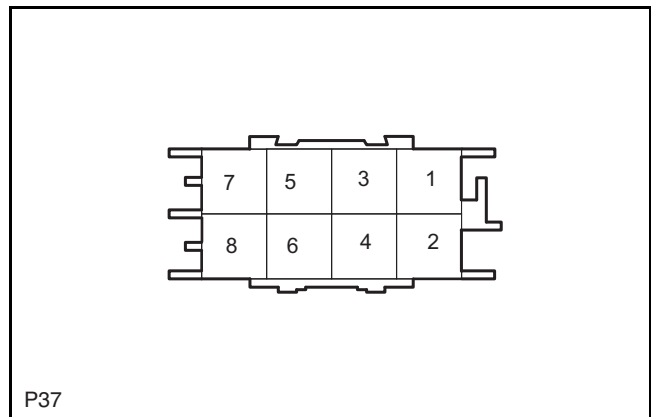
Radio A



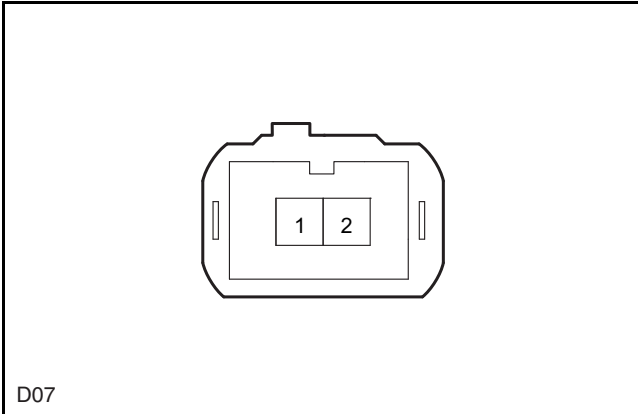
Radio C



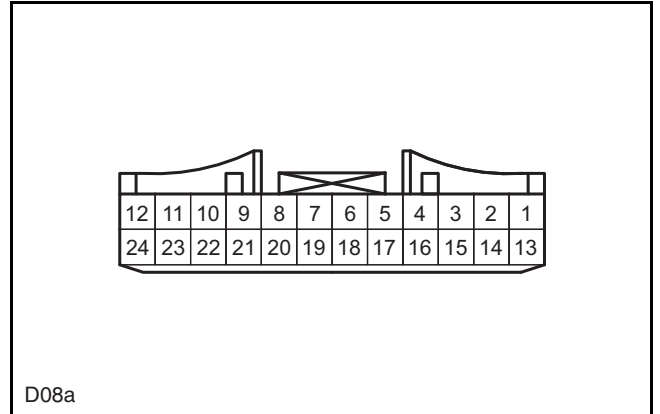
Radio B



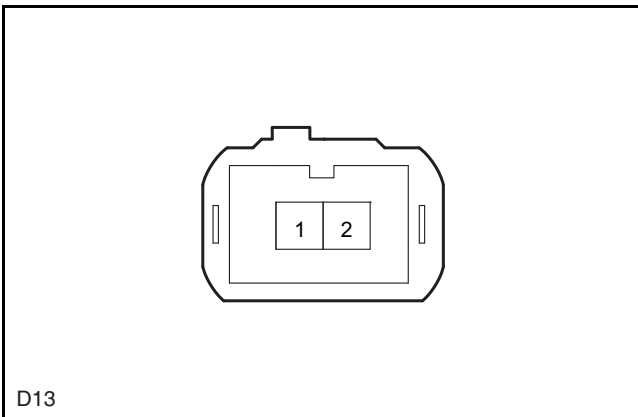
Left Front Door Low Pitched Horn



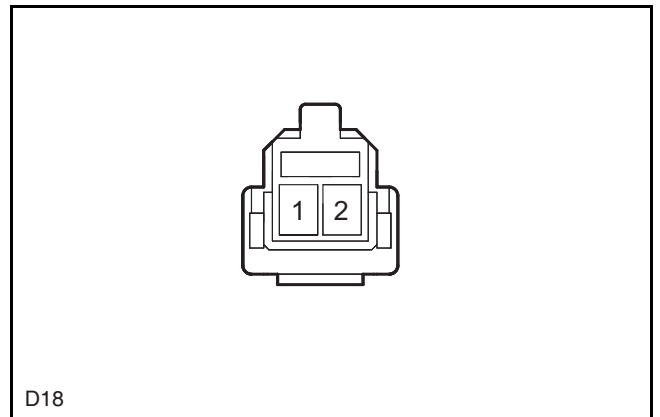
Right Power Rearview Mirror



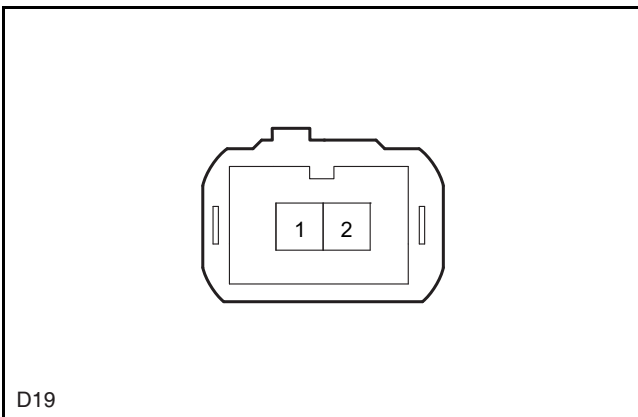
Right Front Door Low Pitched Horn



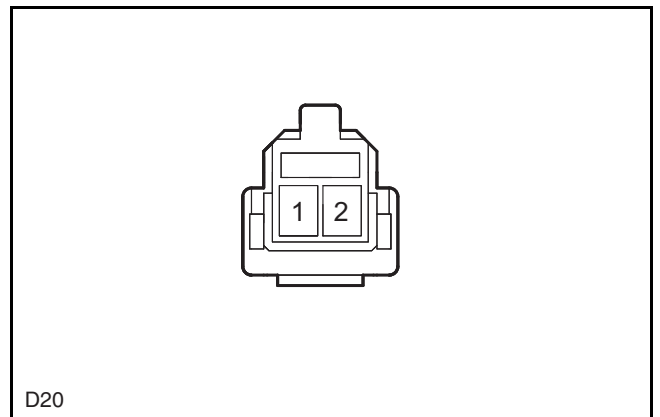
Left Rear Door High Pitched Horn



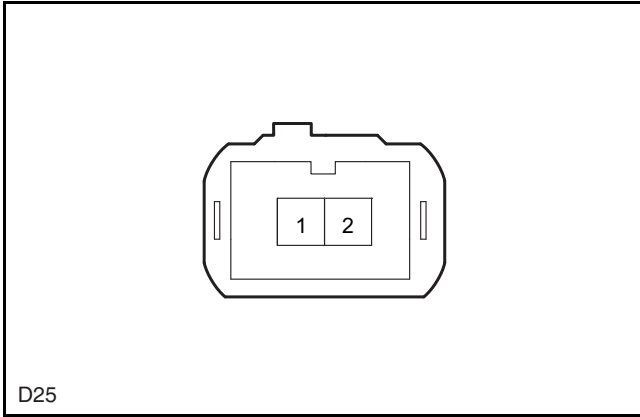
Left Rear Door Low Pitched Horn



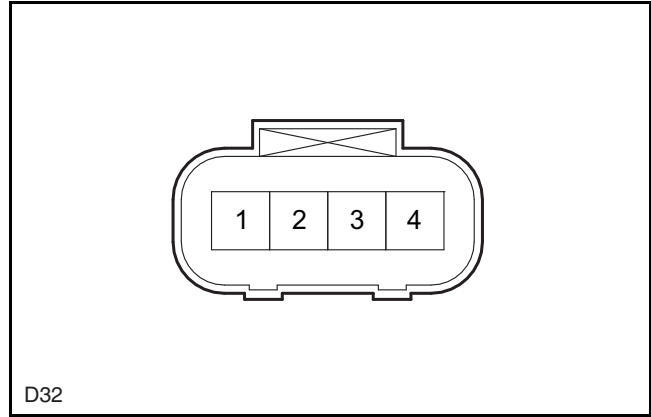
Right Rear Door High Pitched Horn



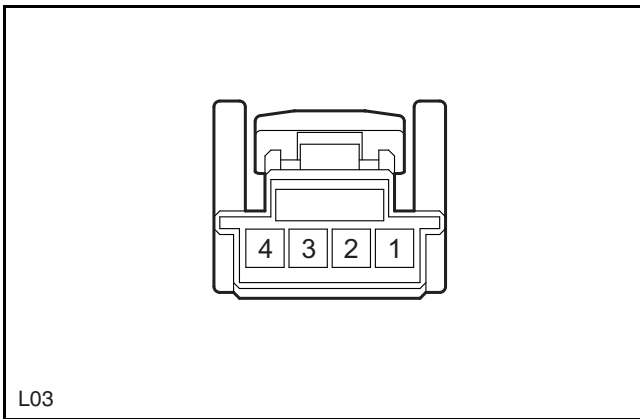
Right Rear Door Low Pitched Horn



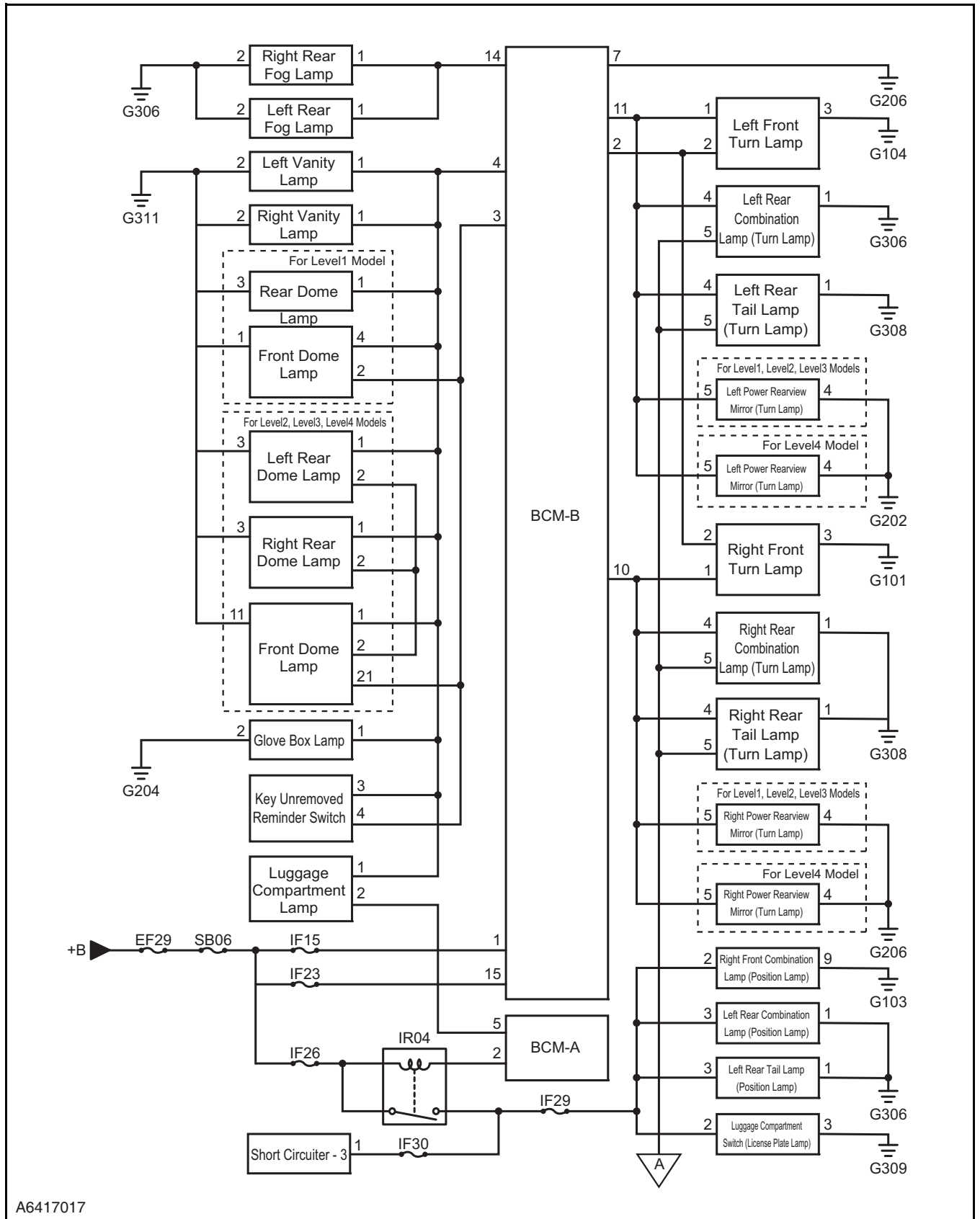
Rear View Camera



Microphone

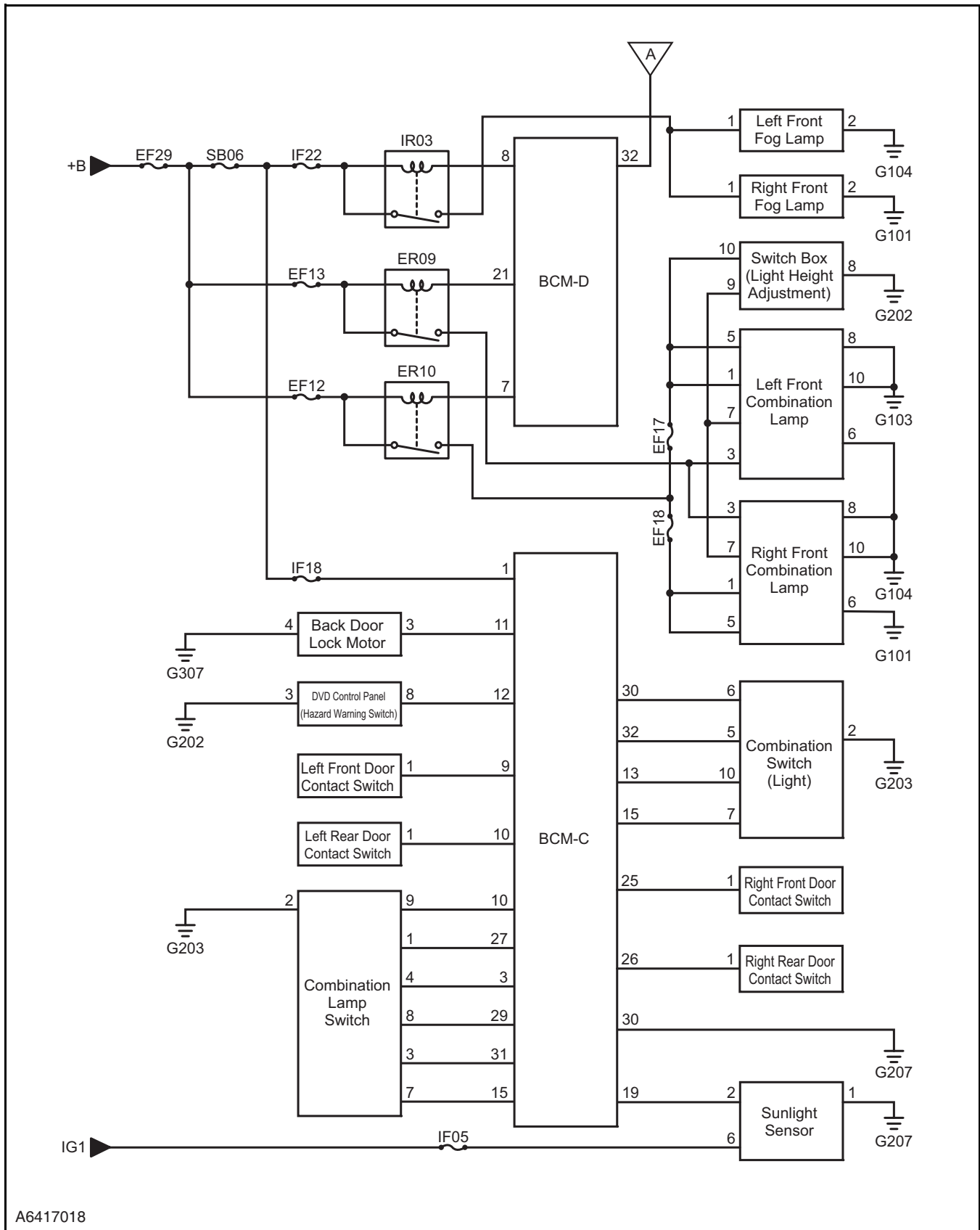


Lighting System - 1



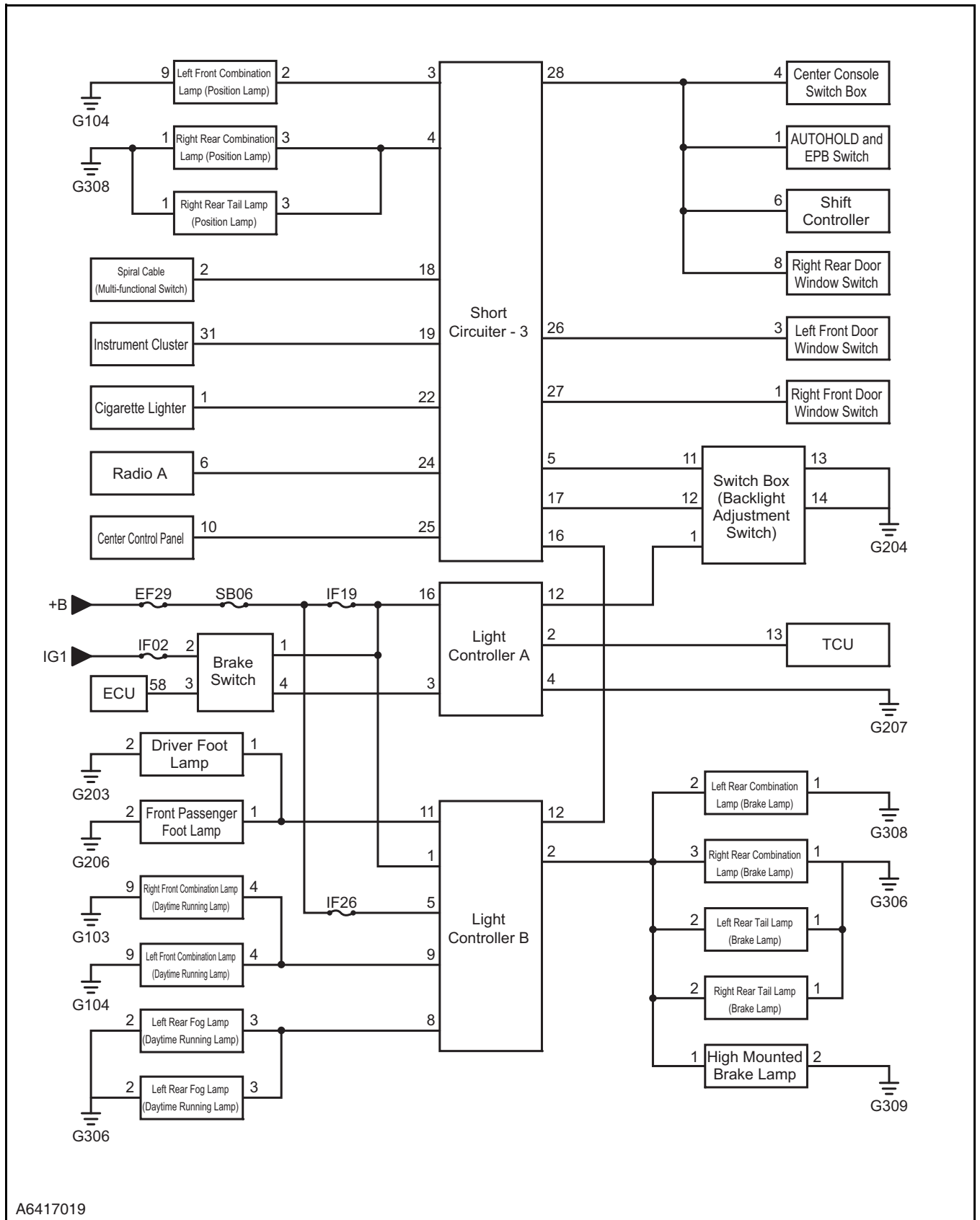
A6417017

Lighting System - 2

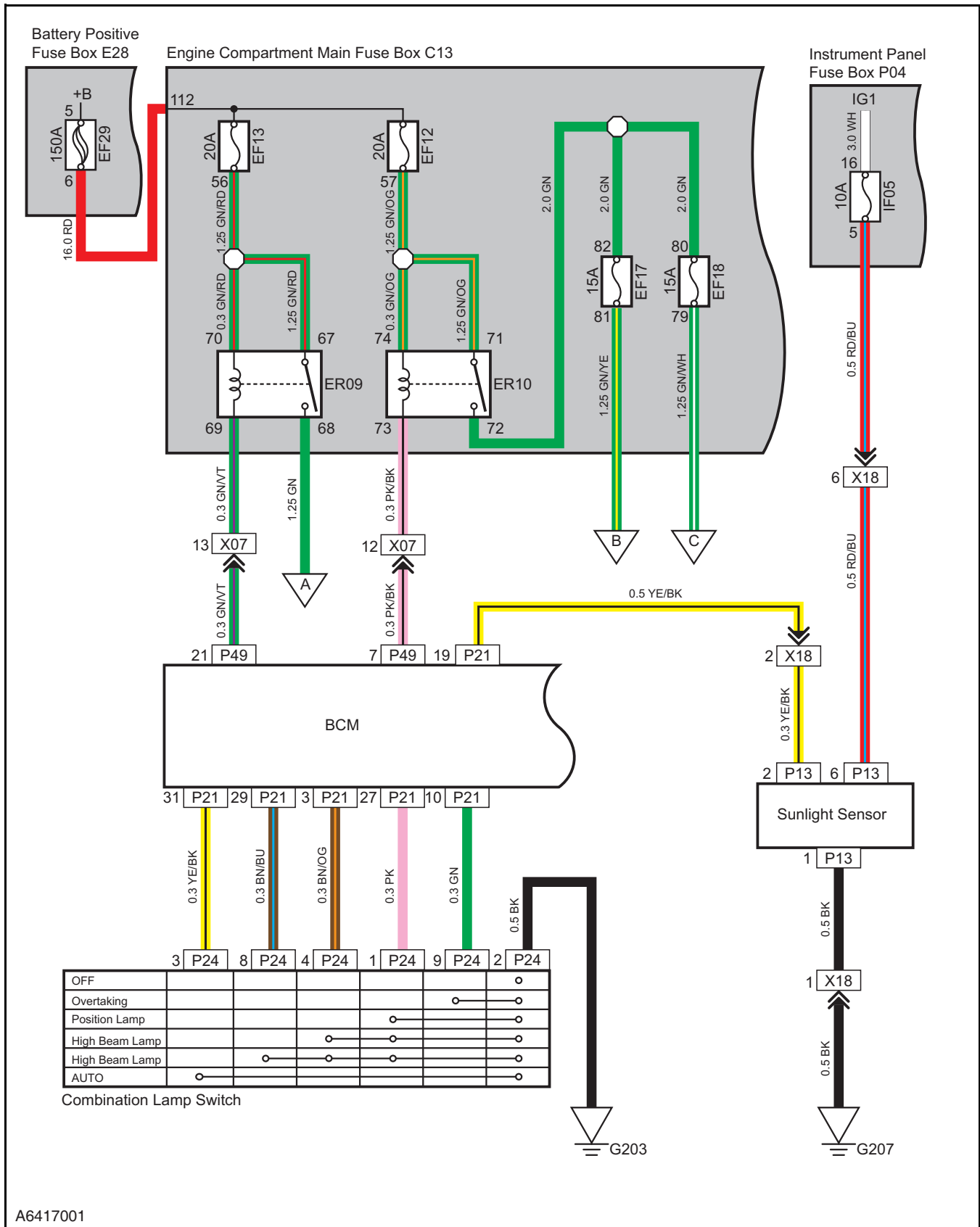


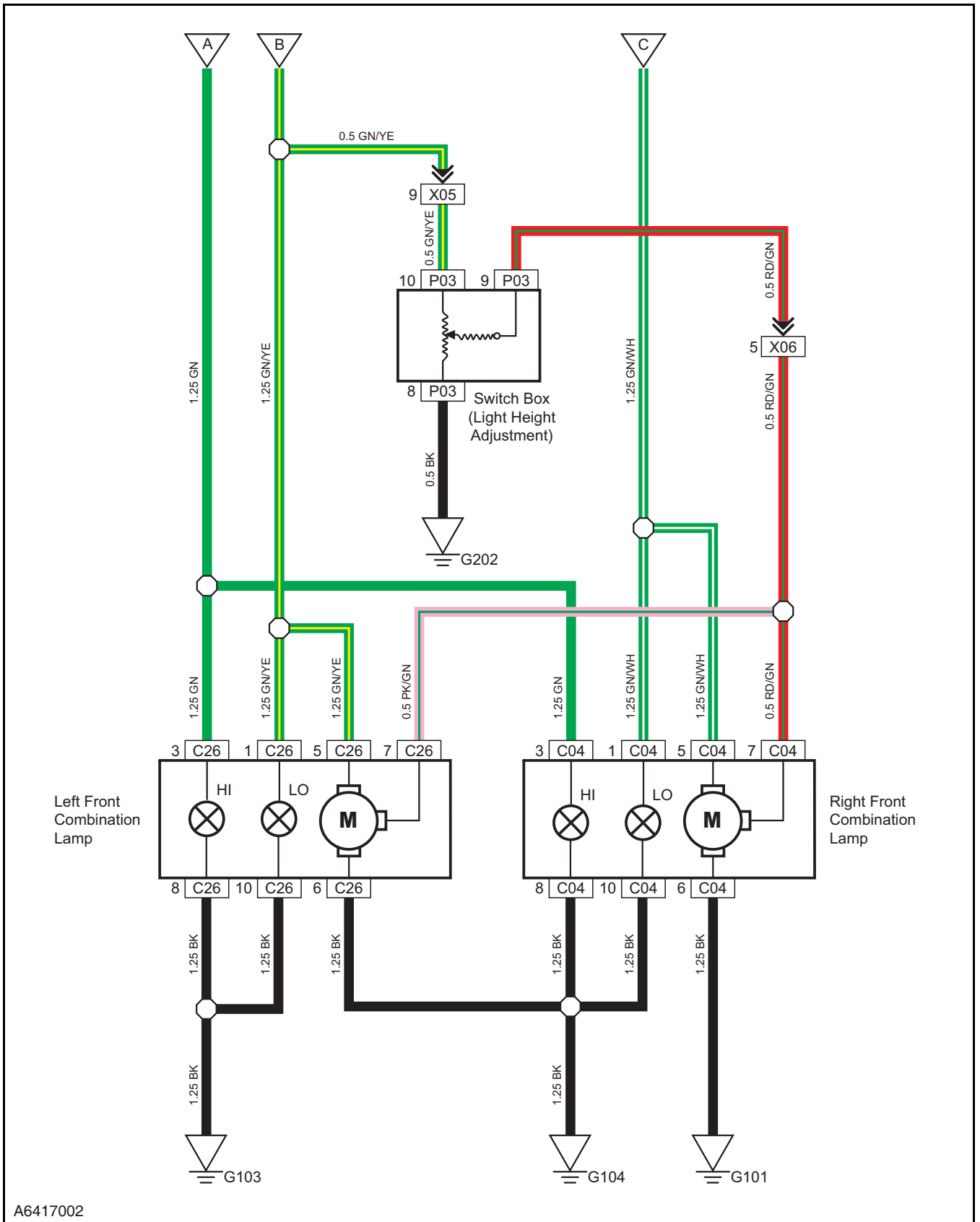
A6417018

Lighting System - 3

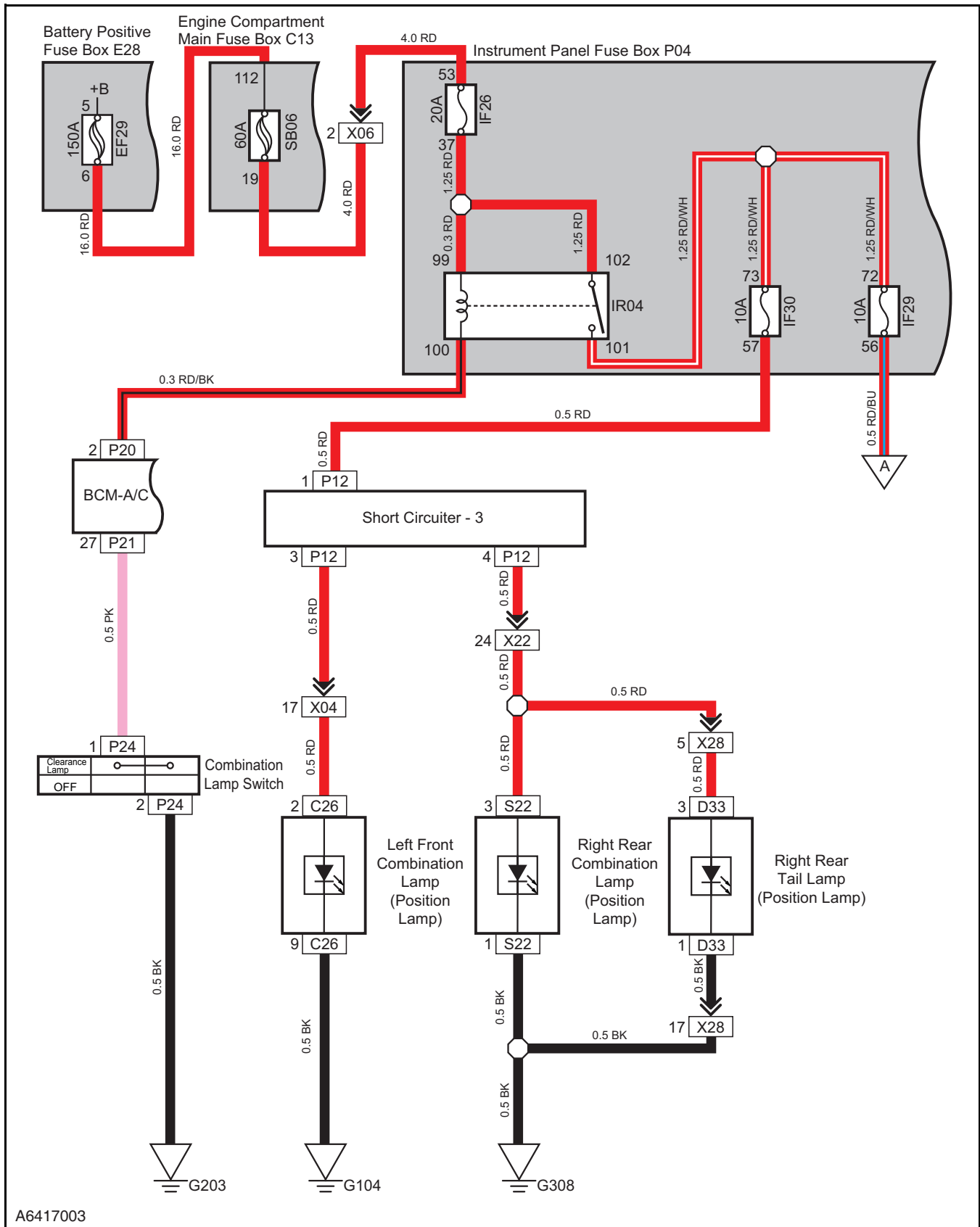


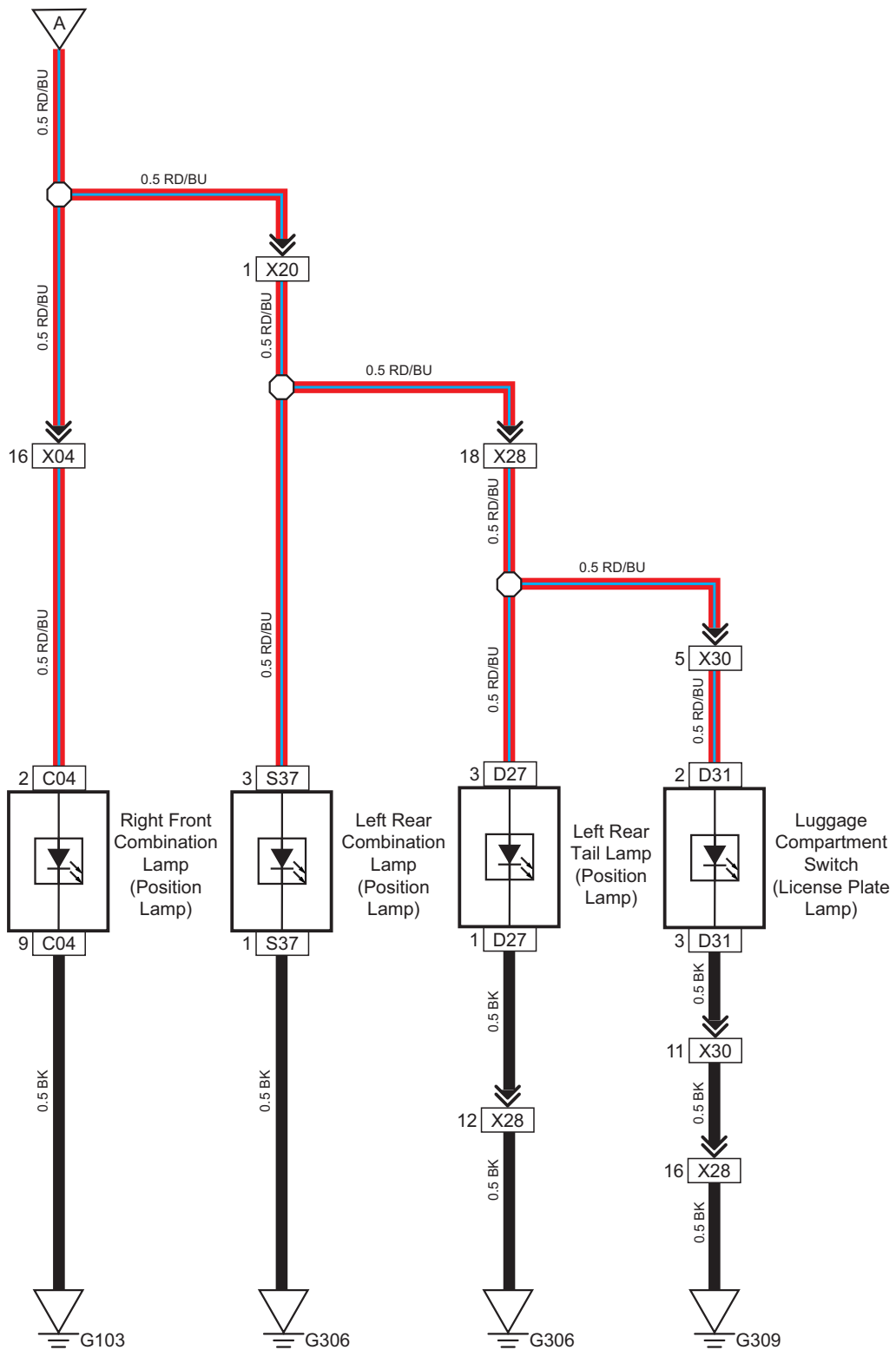
Headlamp/Light Adjusting



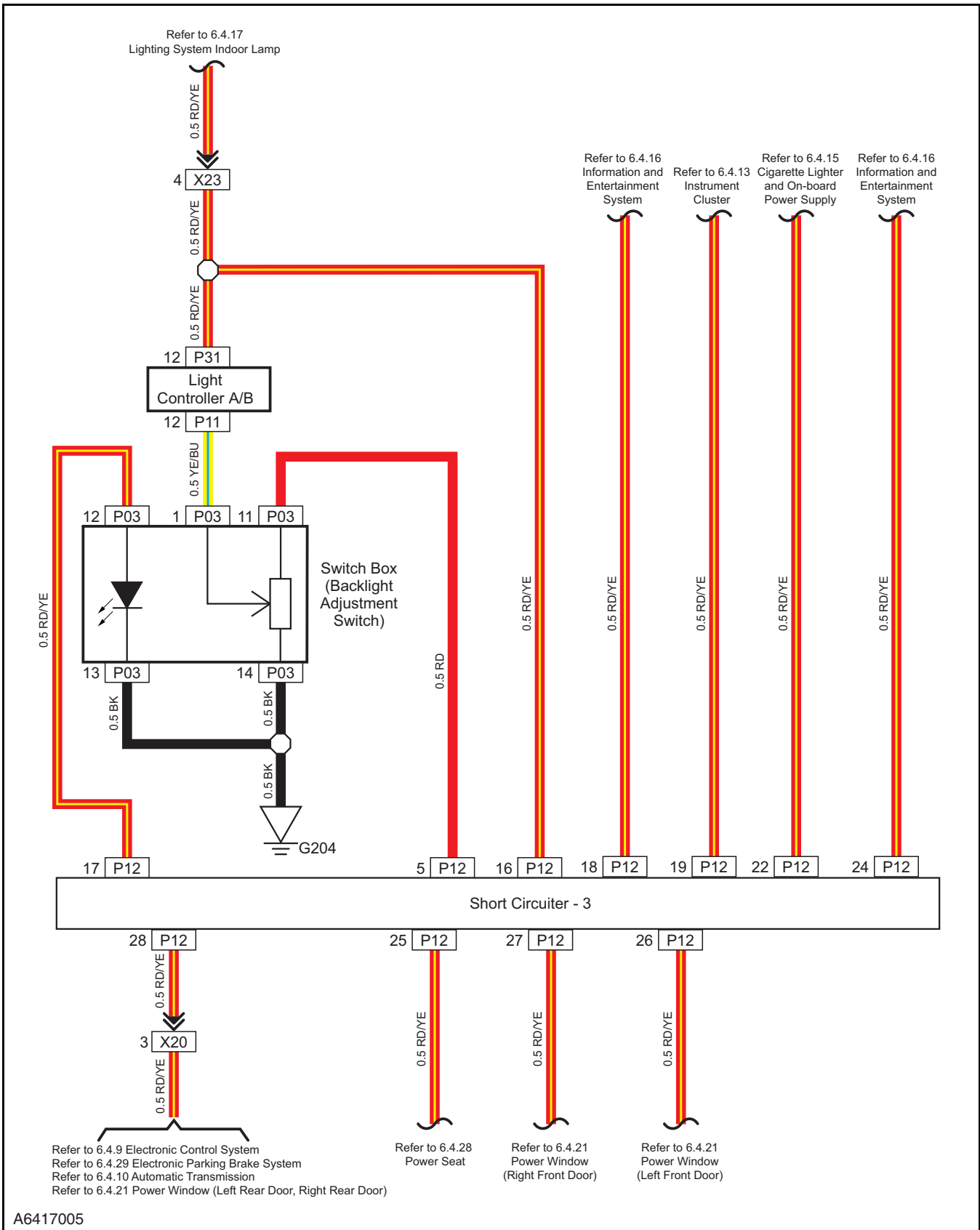


Position Lamp

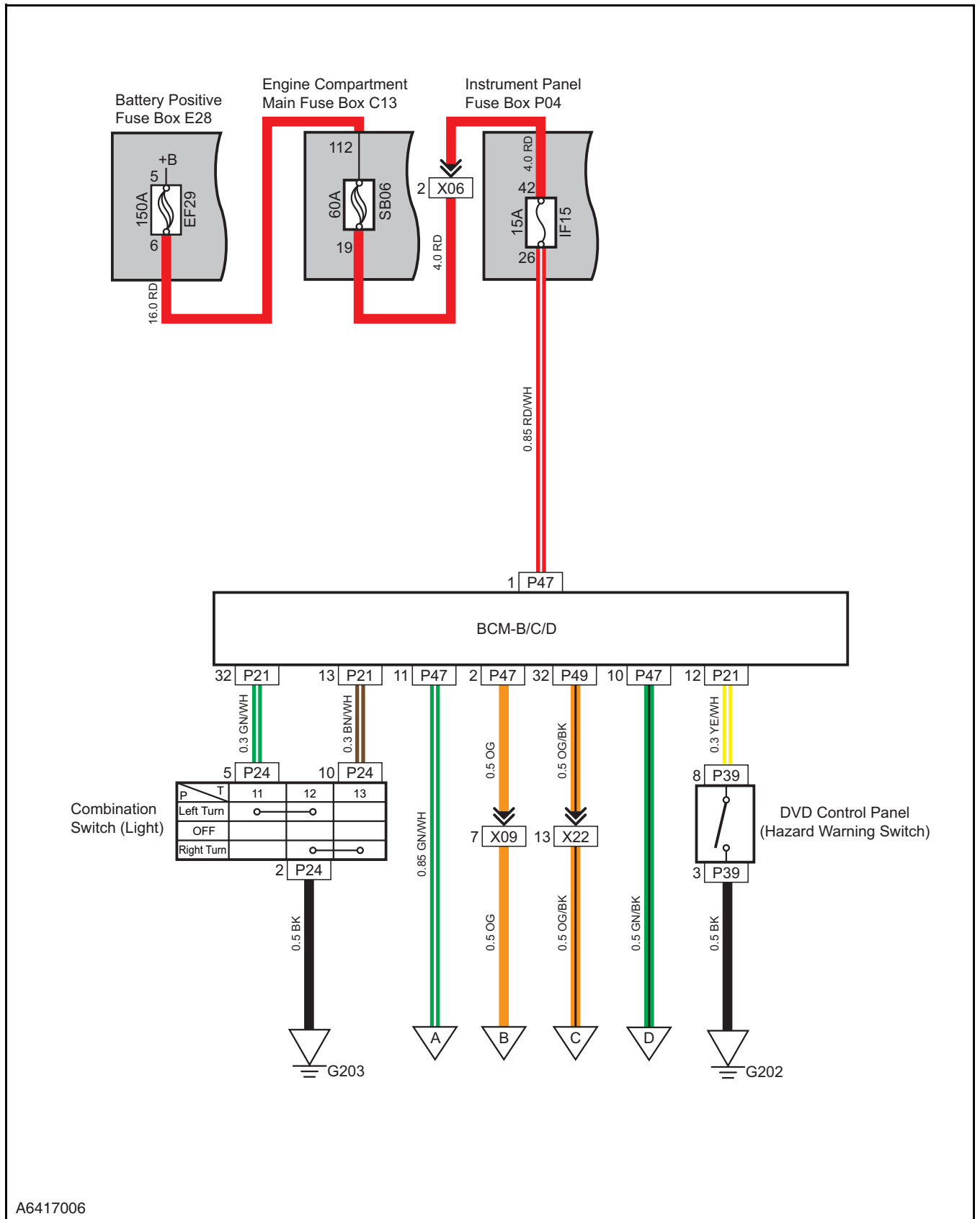


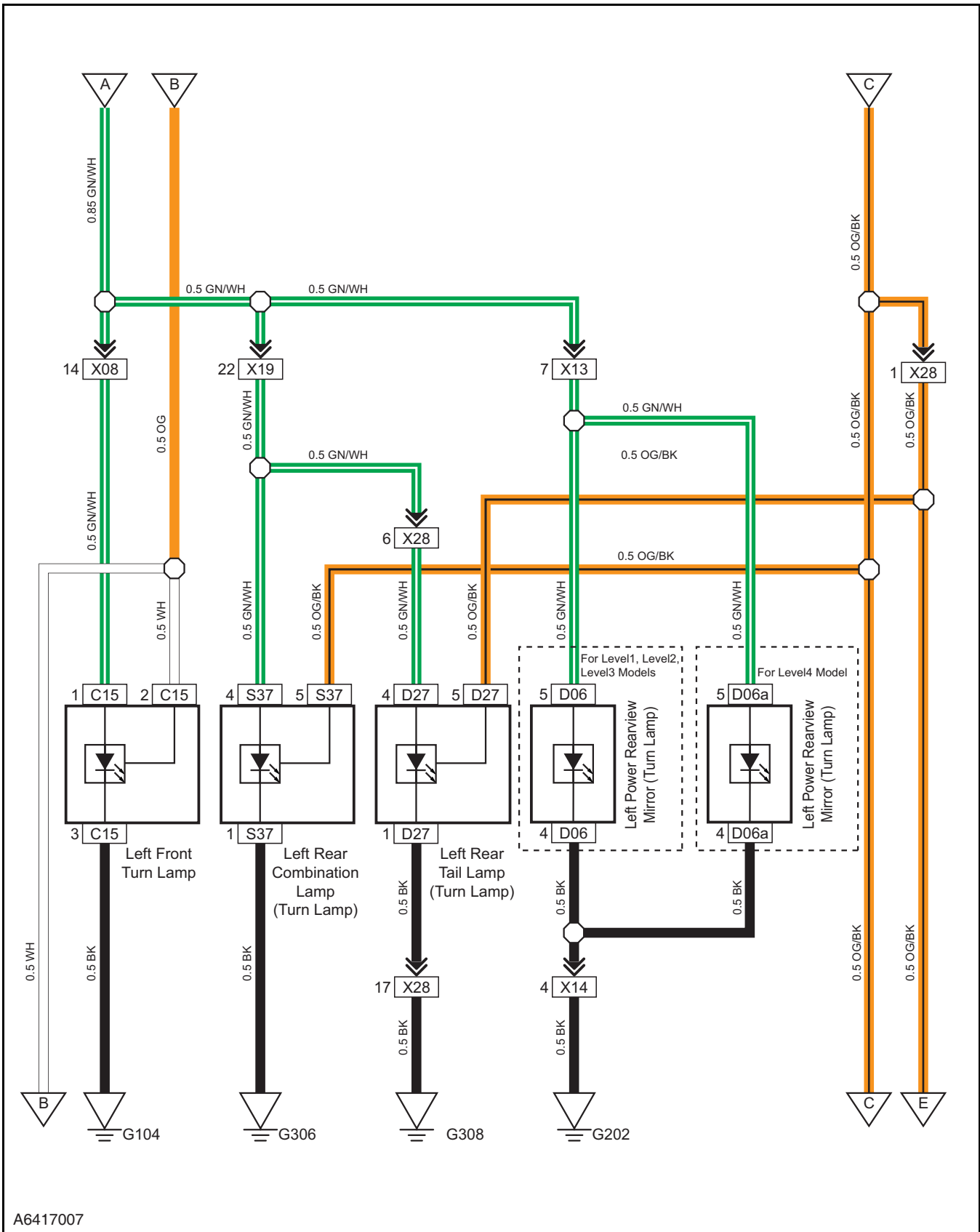


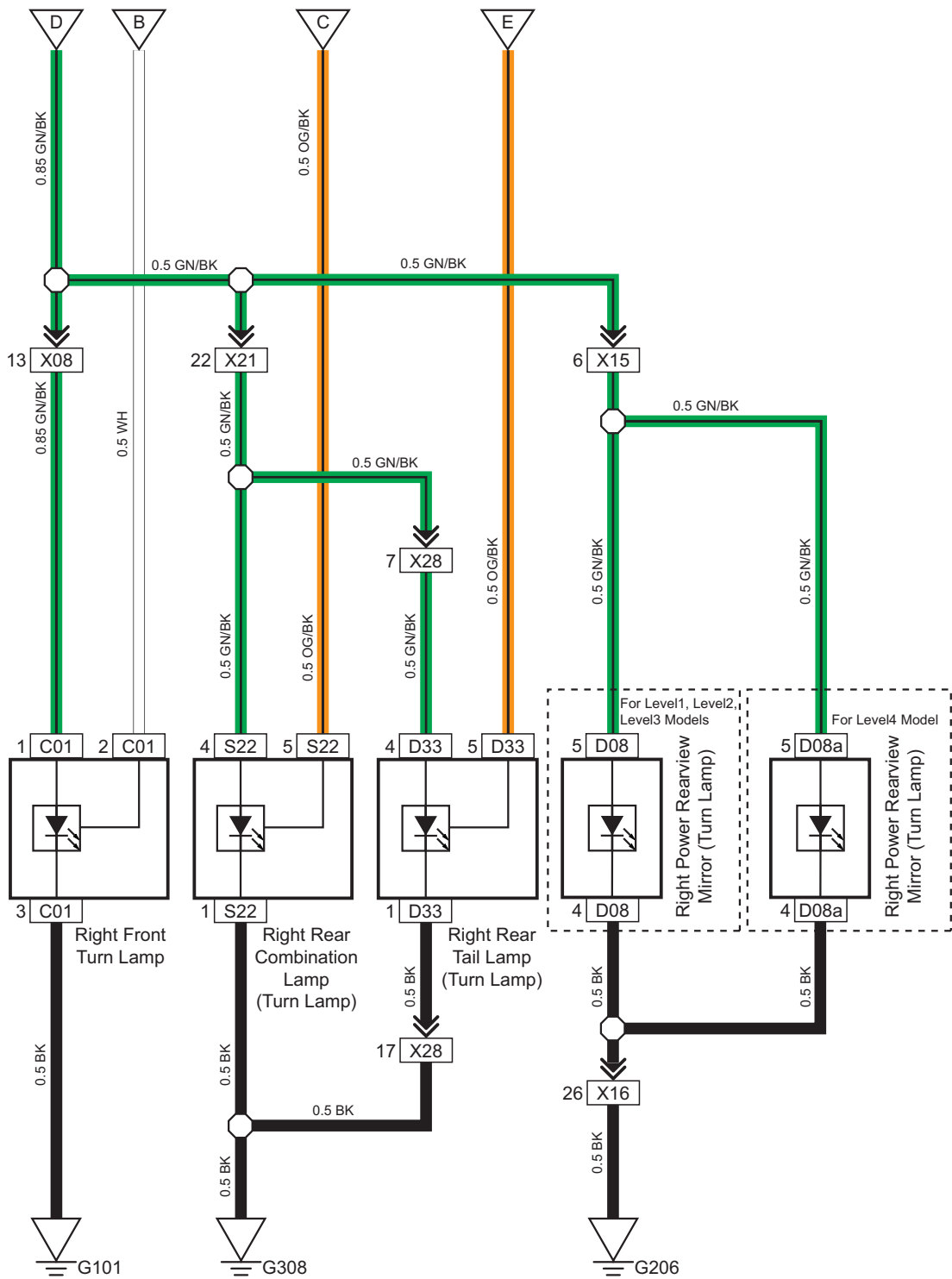
A6417004



Turn Lamp

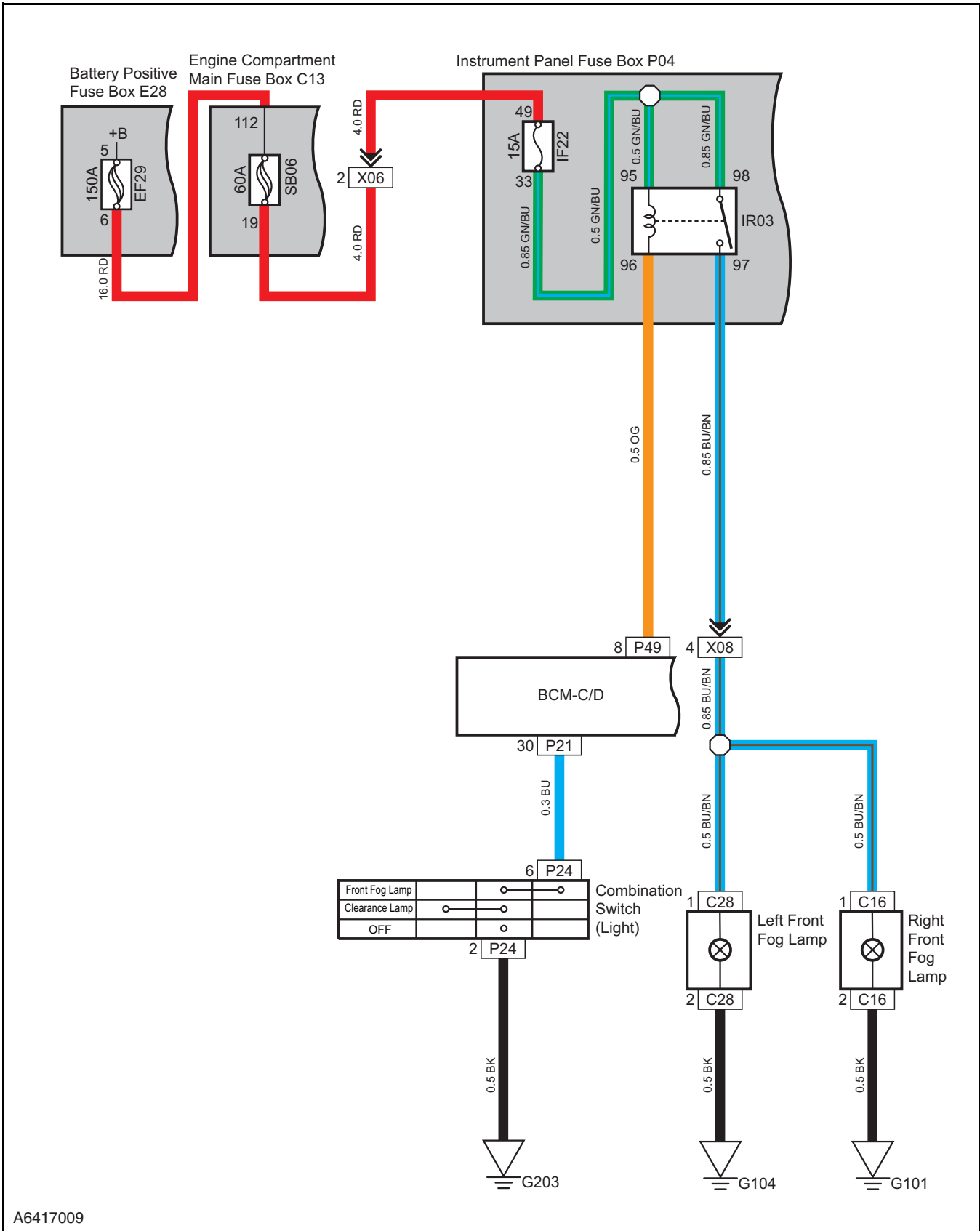




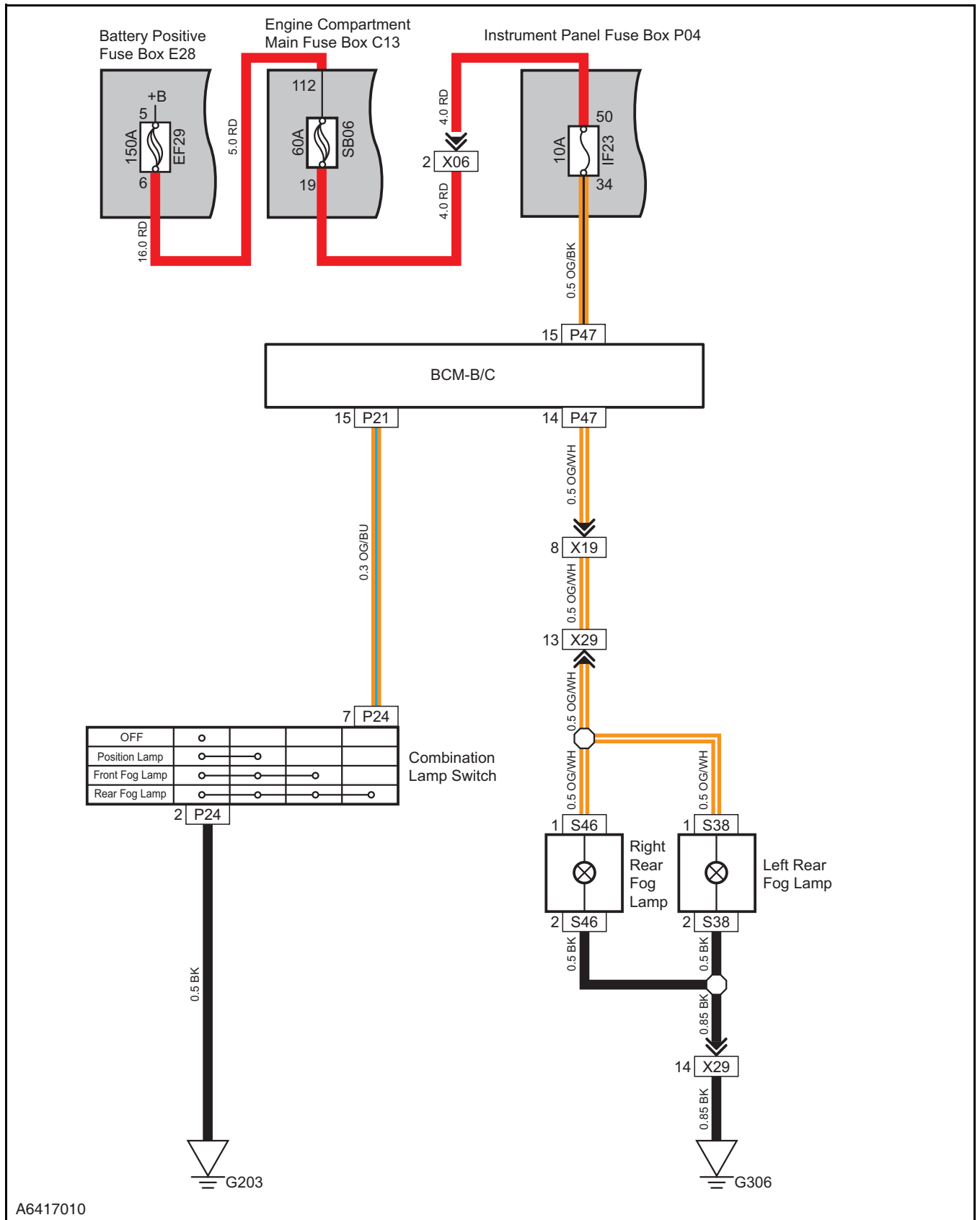


A6417008

Front Fog Lamp

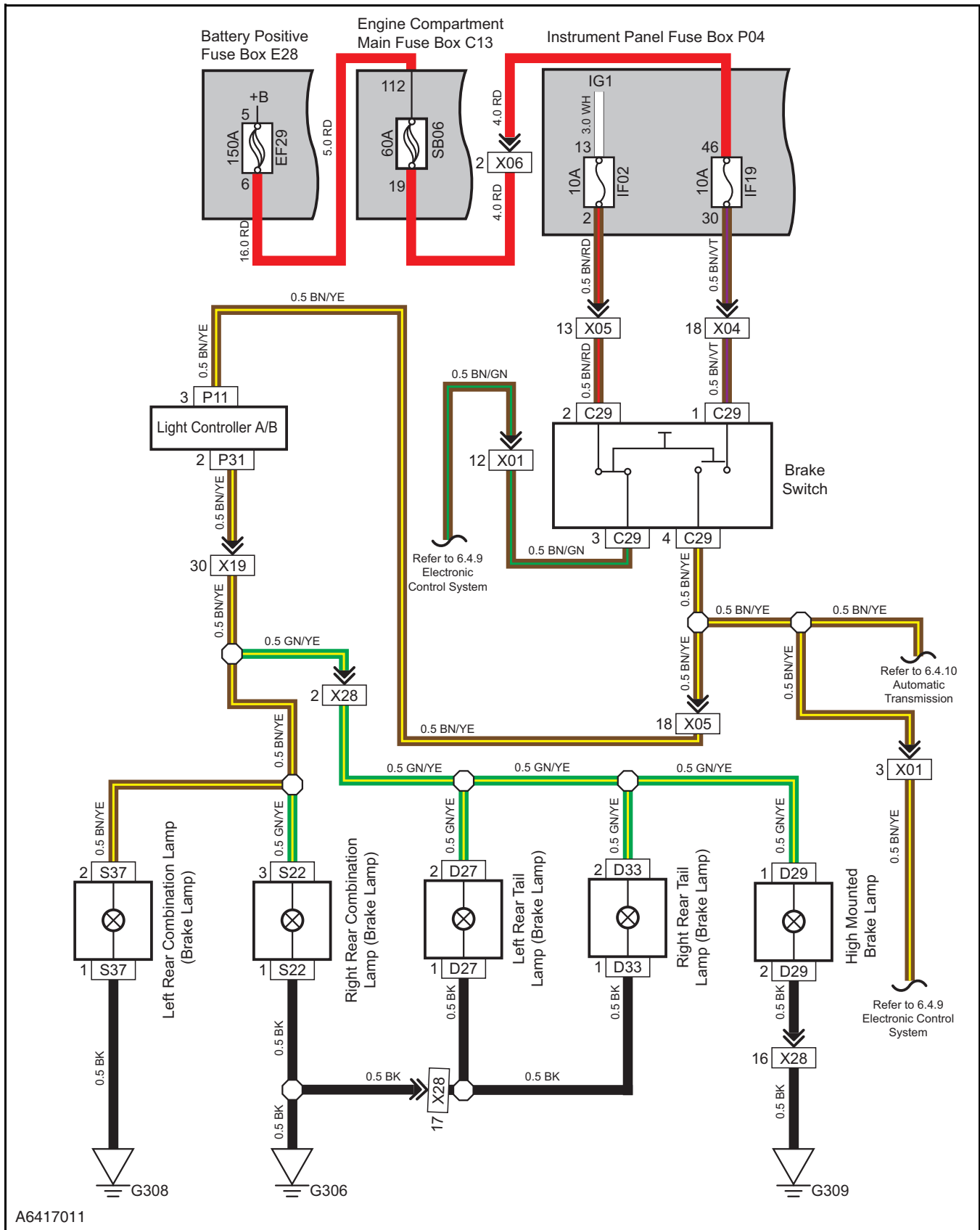


Rear Fog Lamp

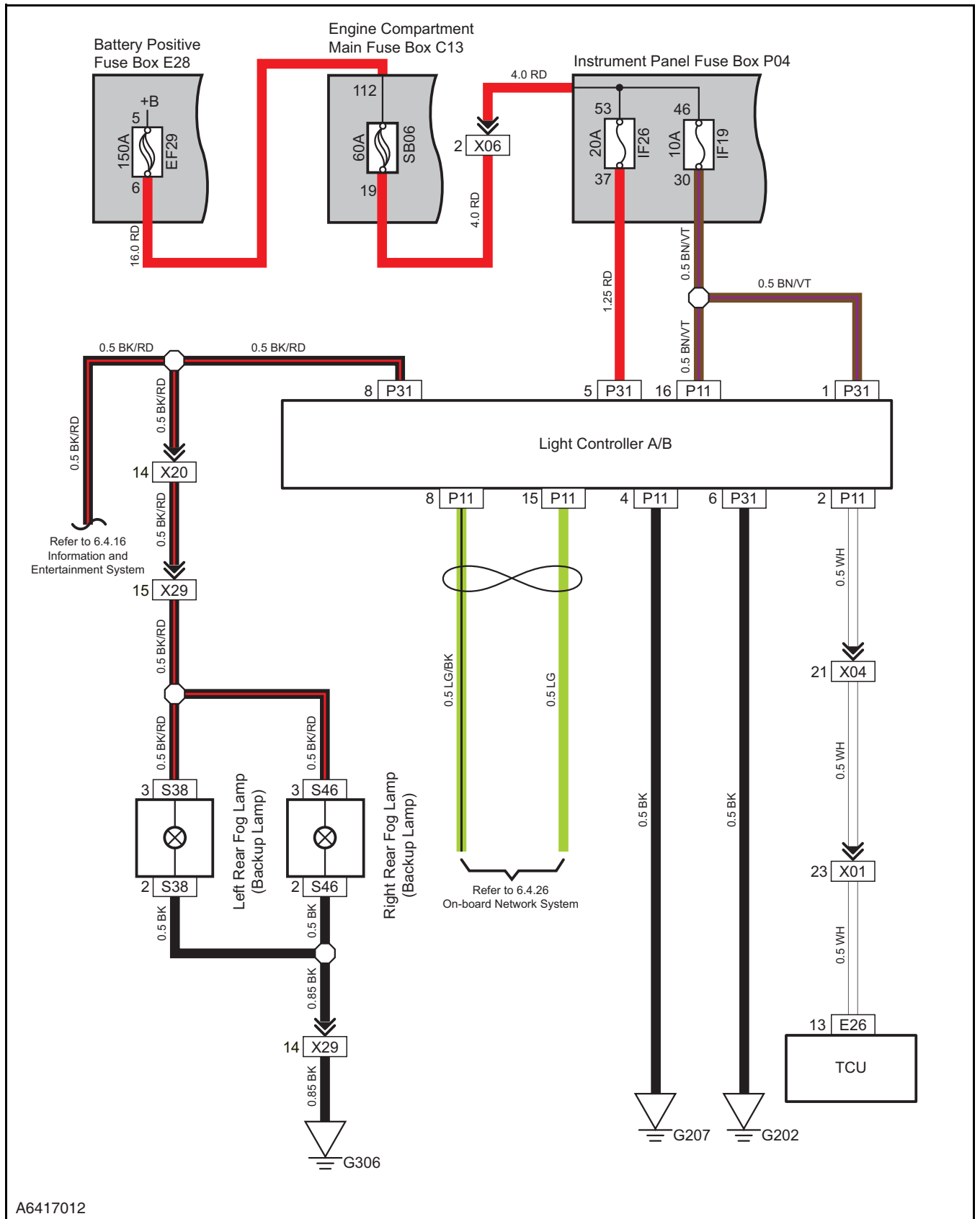


A6417010

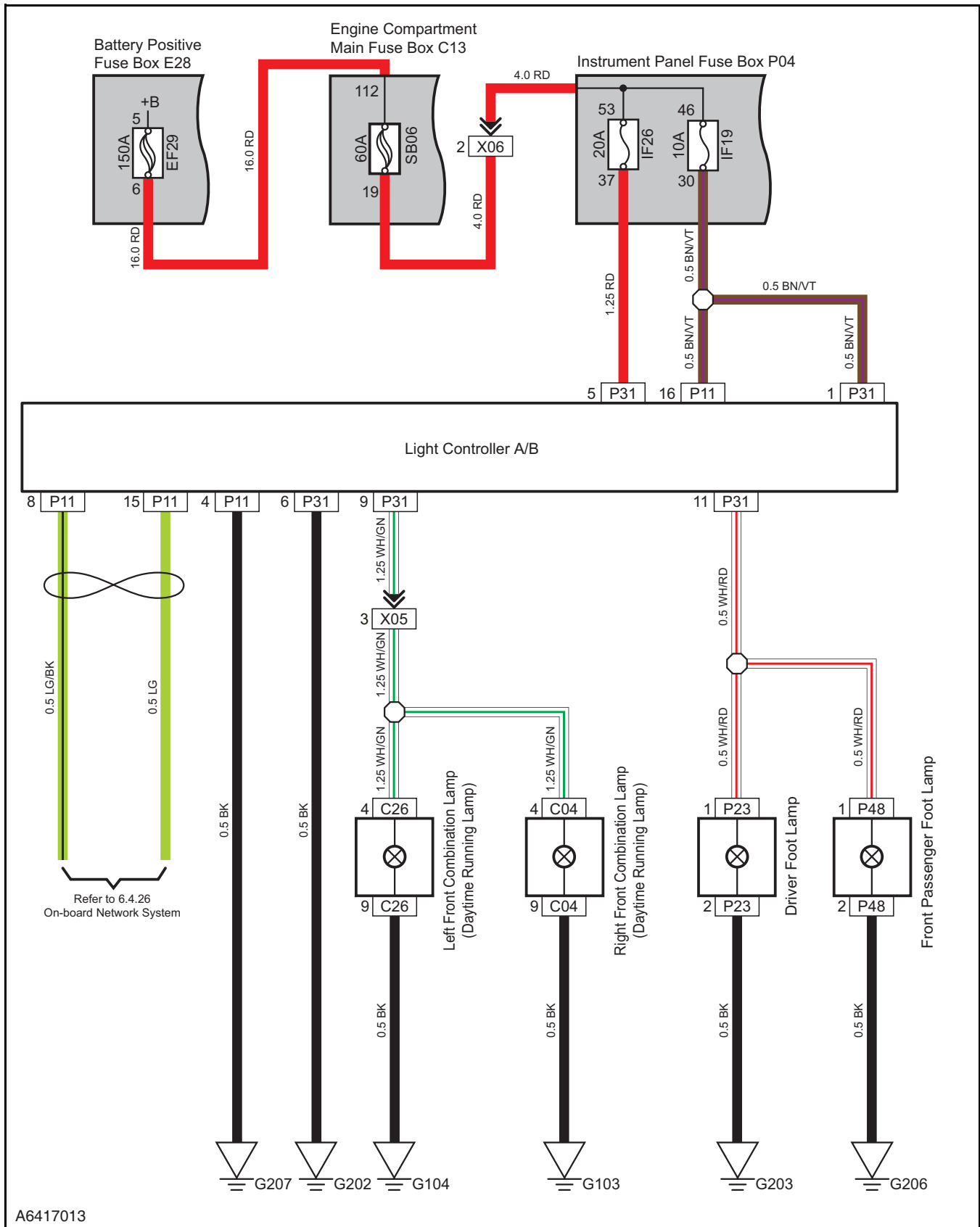
Brake Lamp



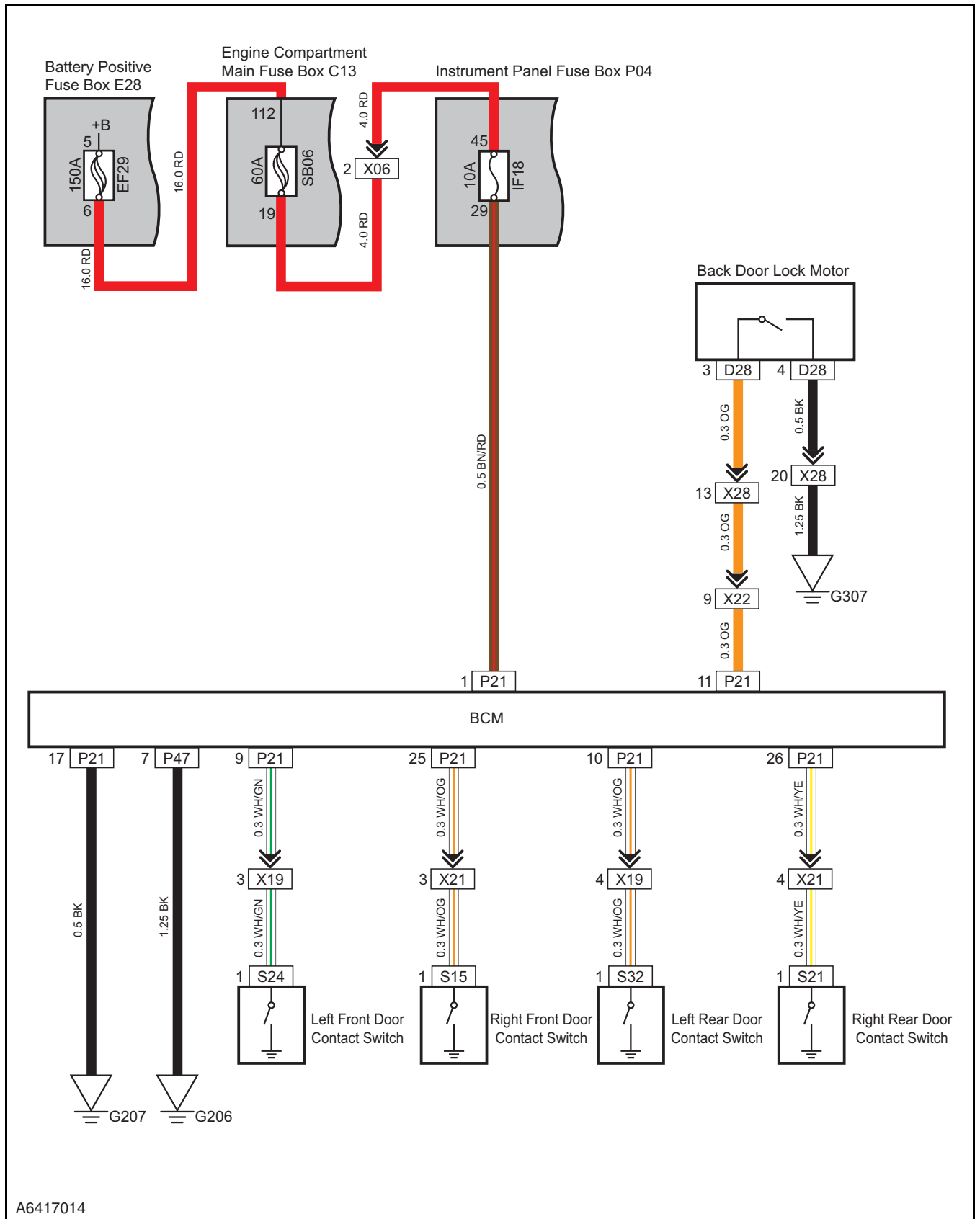
Backup Lamp



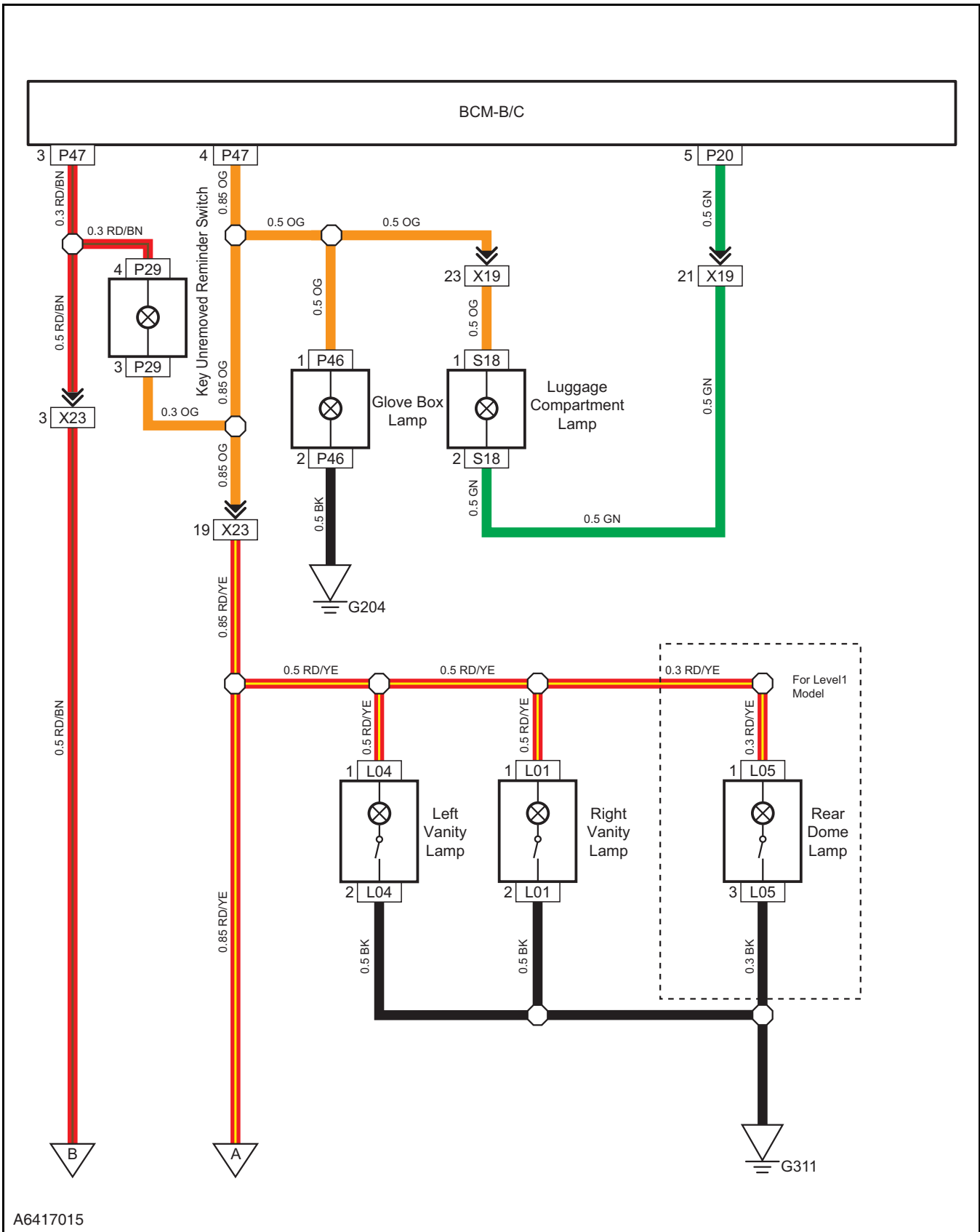
Daytime Running Lamp/Foot Lamp



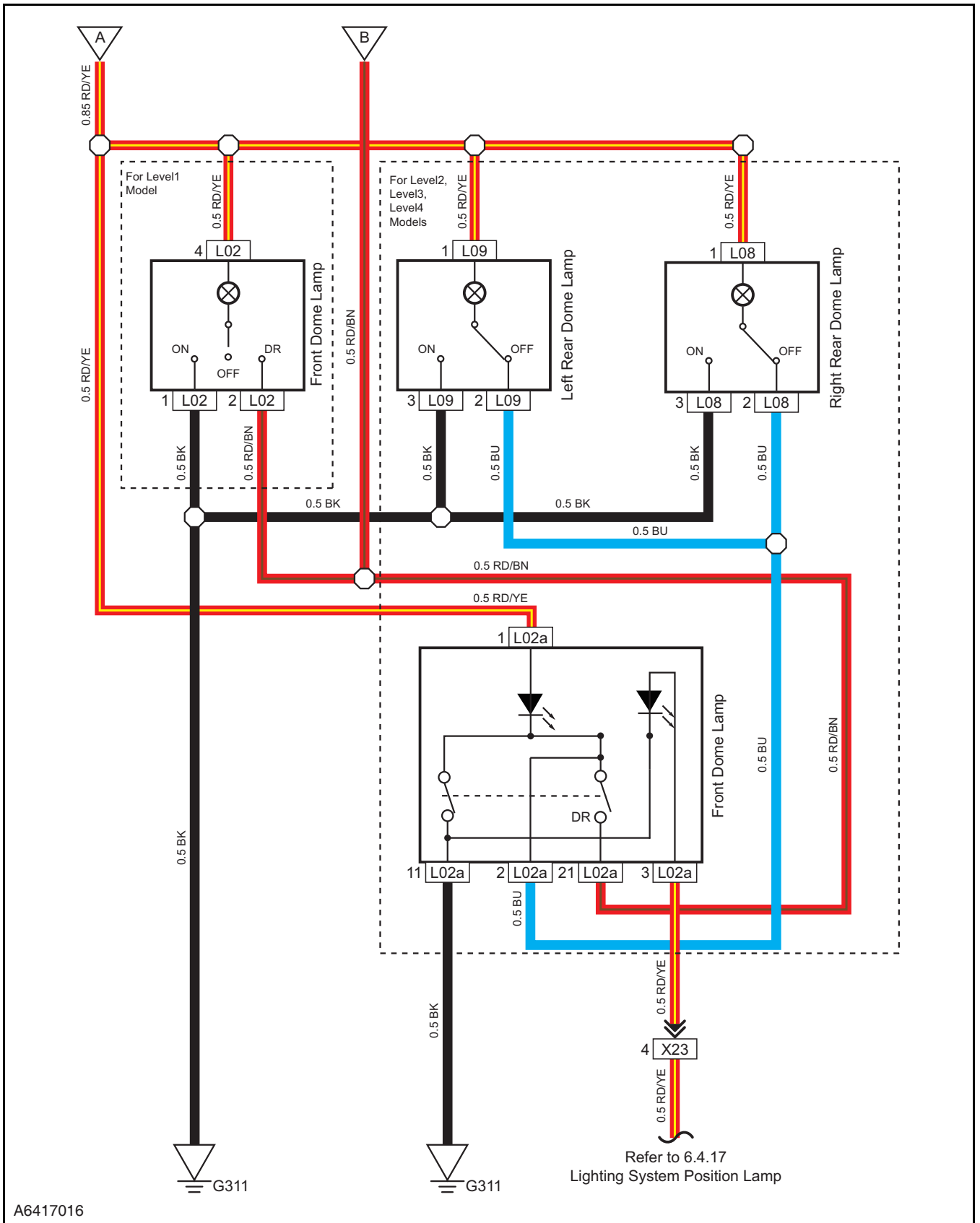
Indoor Lamp



A6417014

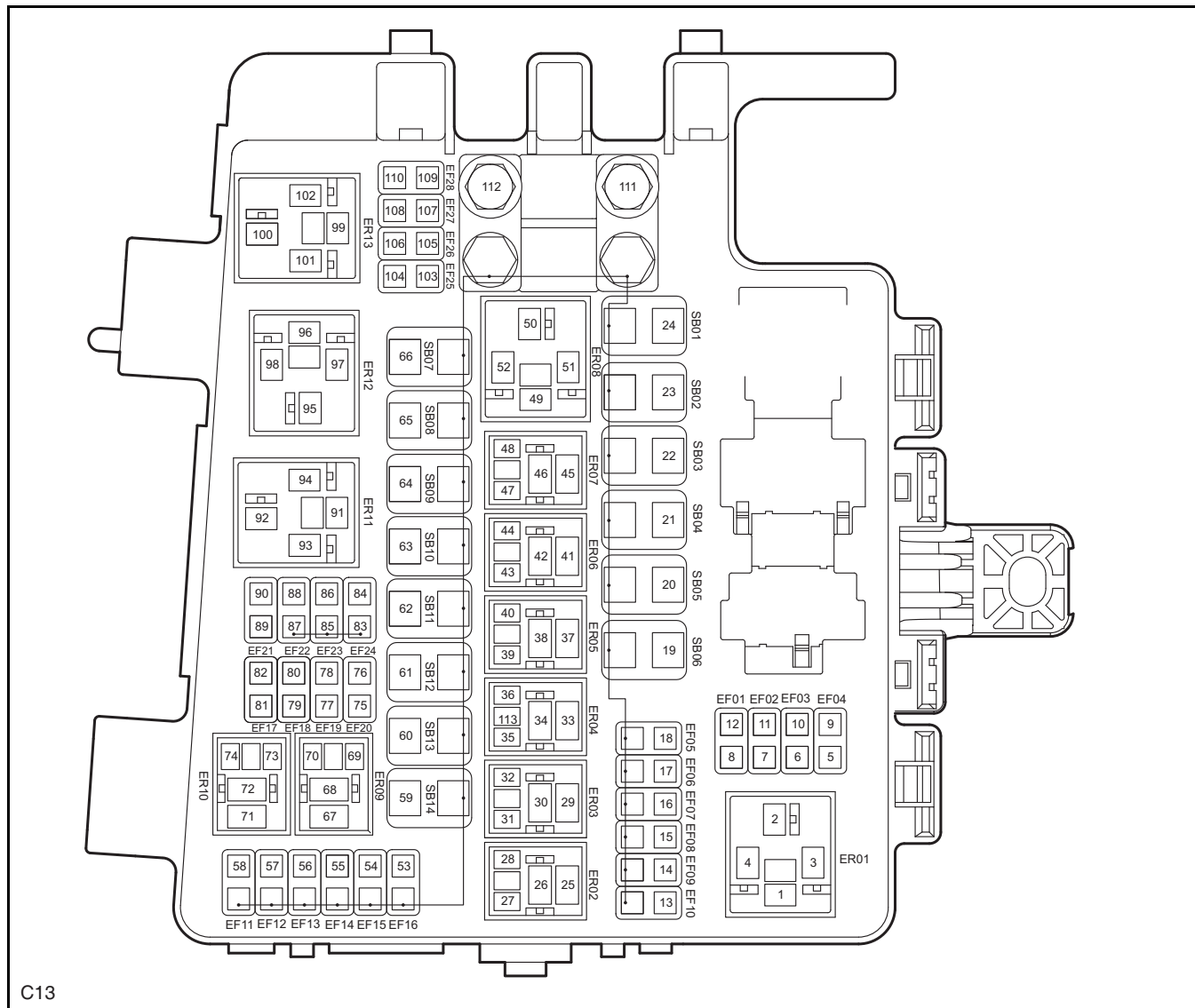


A6417015



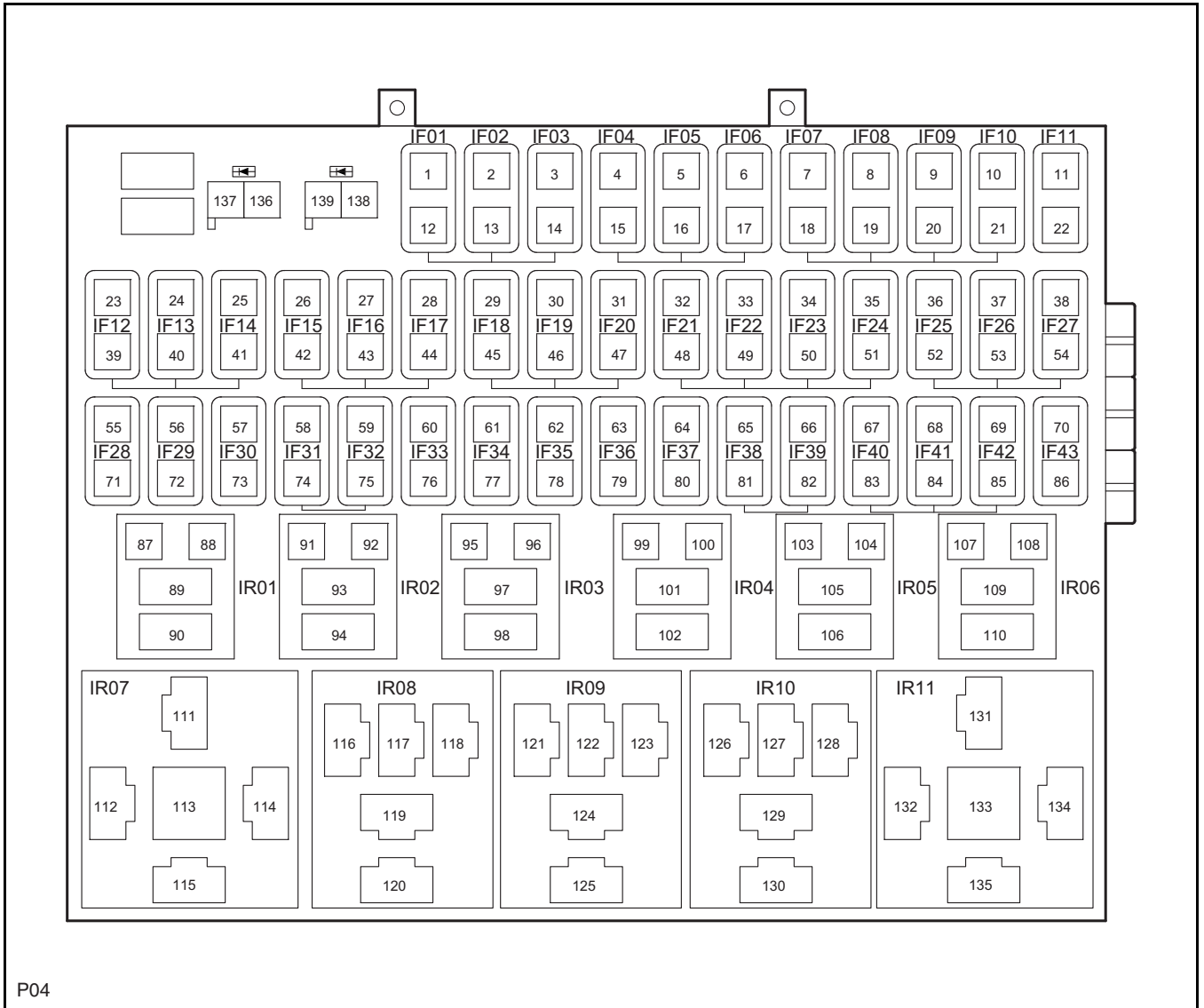
A6417016

Engine Compartment Main Fuse Box



C13

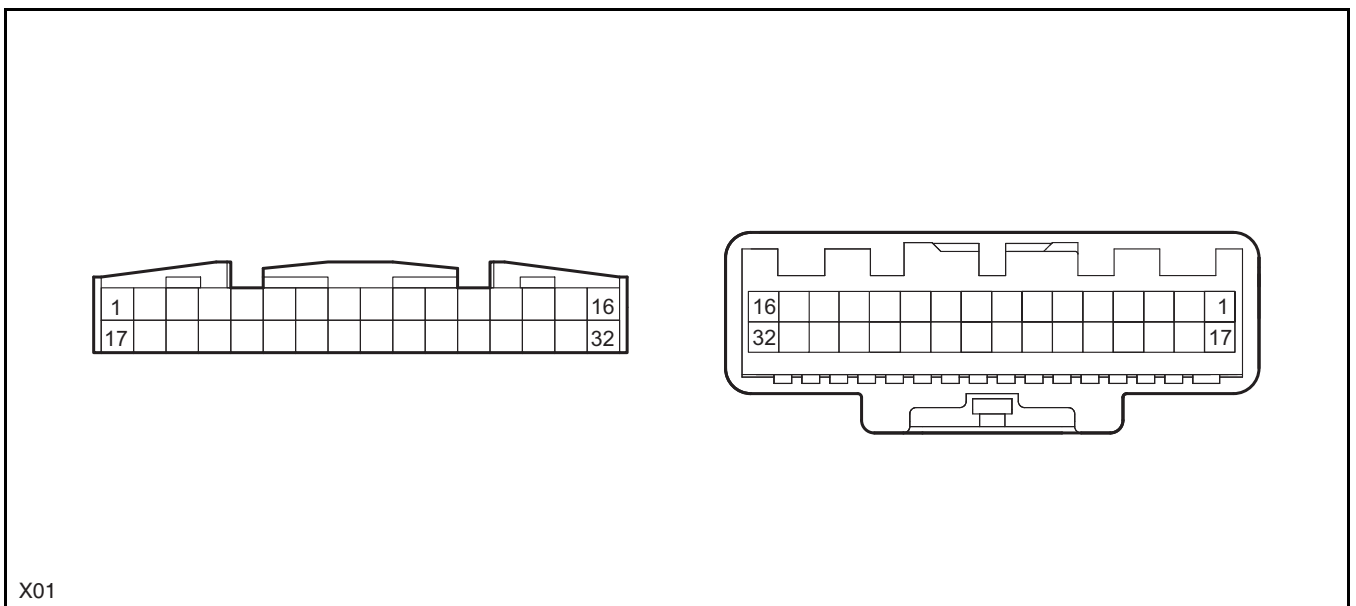
Instrument Panel Fuse Box



P04

Engine Wiring Harness to Engine Compartment Fuse Box - 1

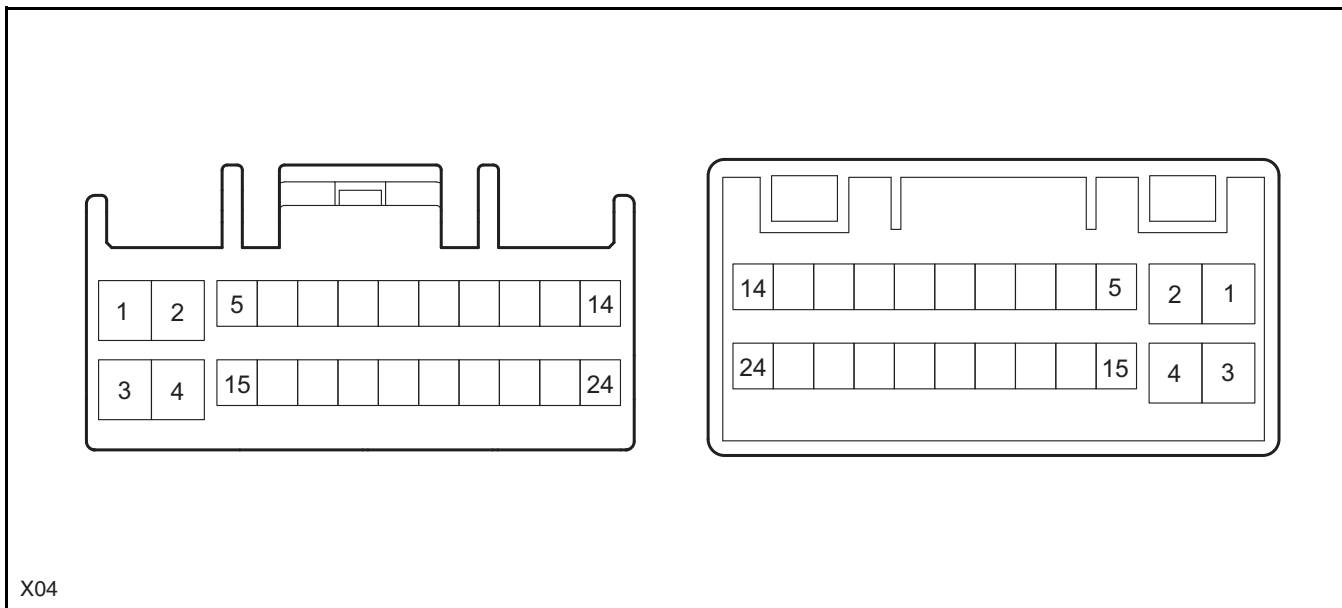
Engine Compartment Fuse Box to Engine Wiring Harness - 1



X01

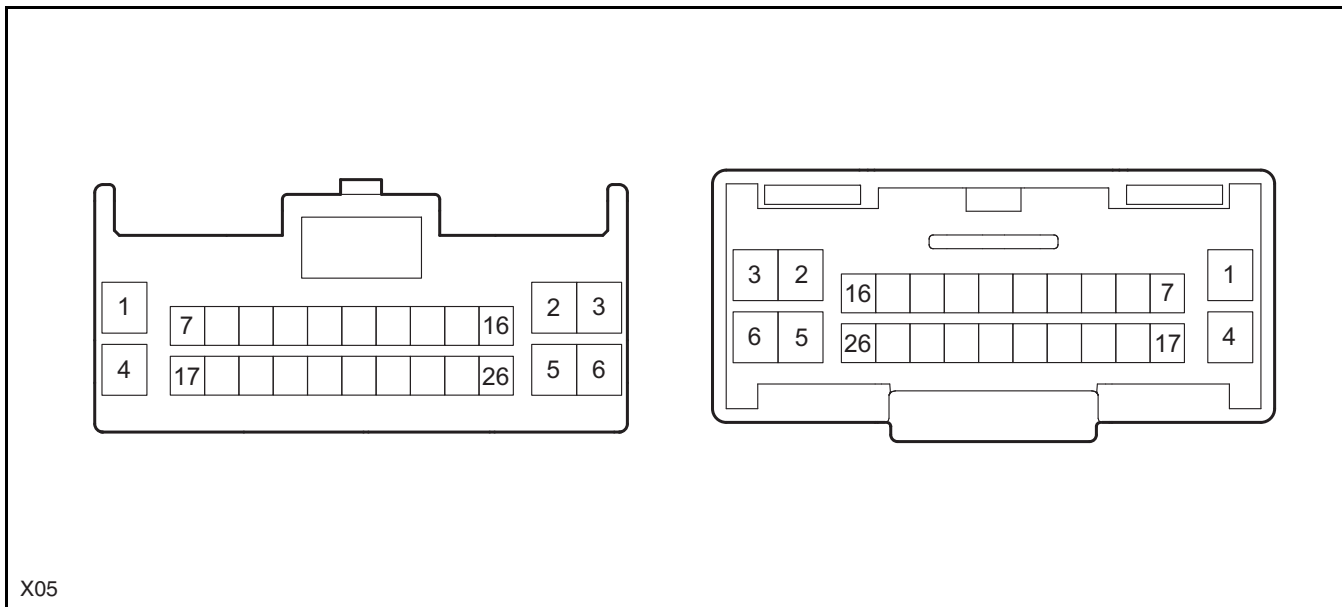
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 1



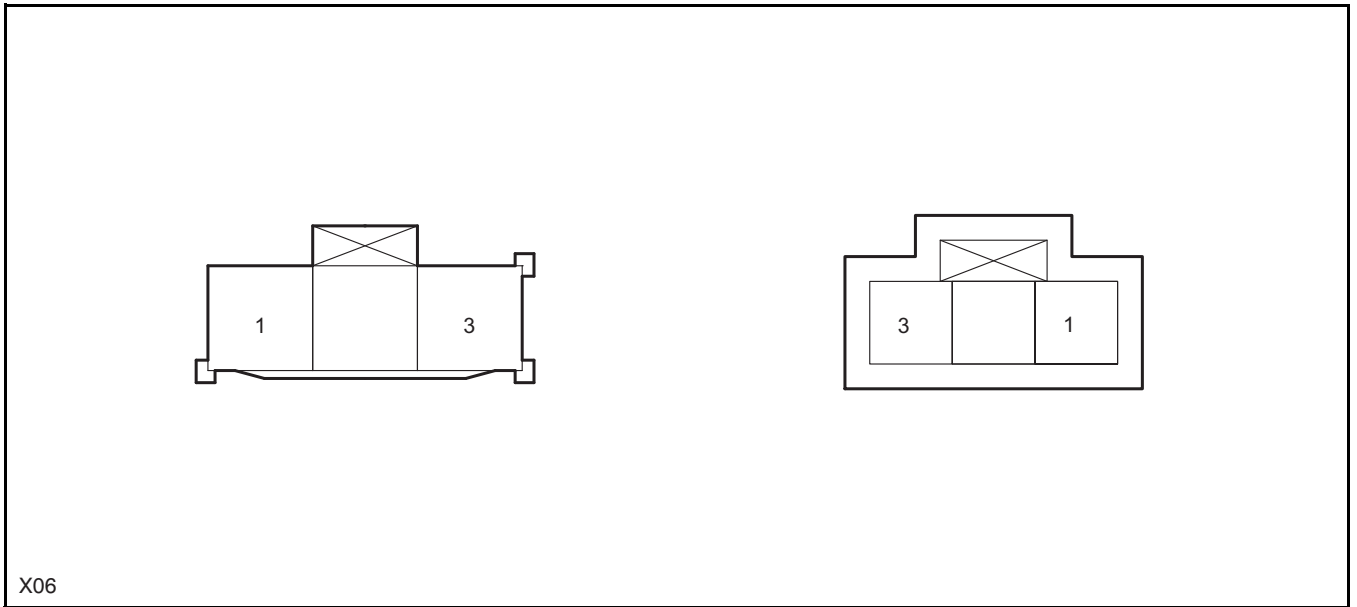
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



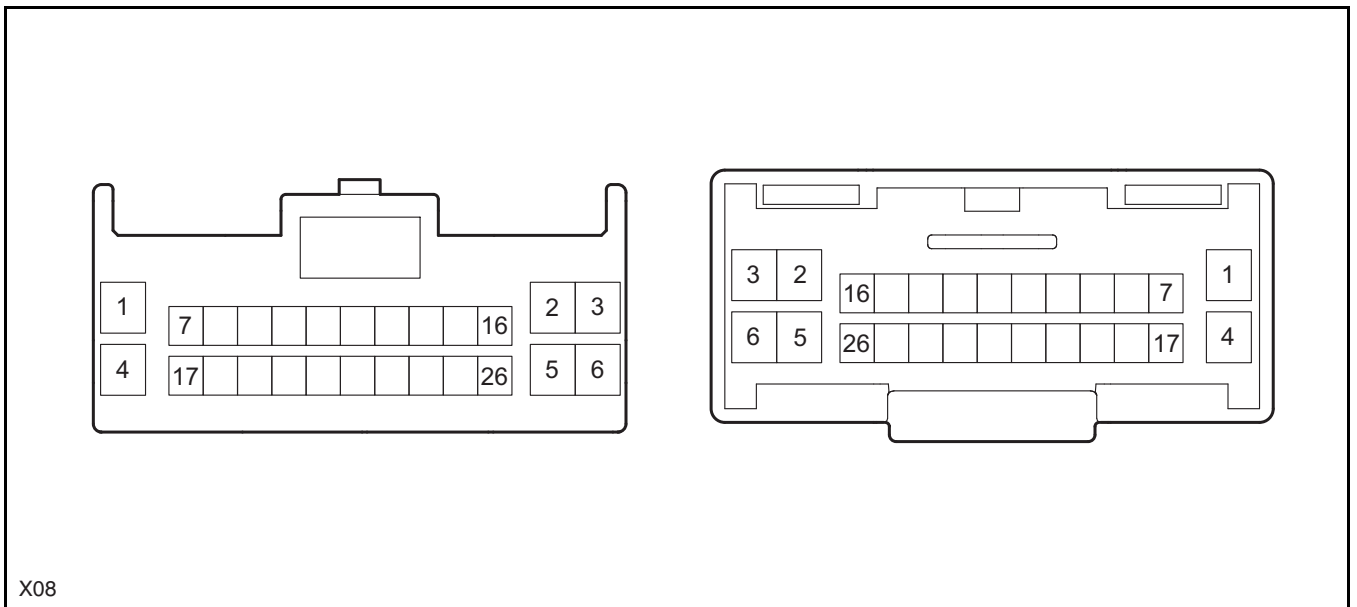
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



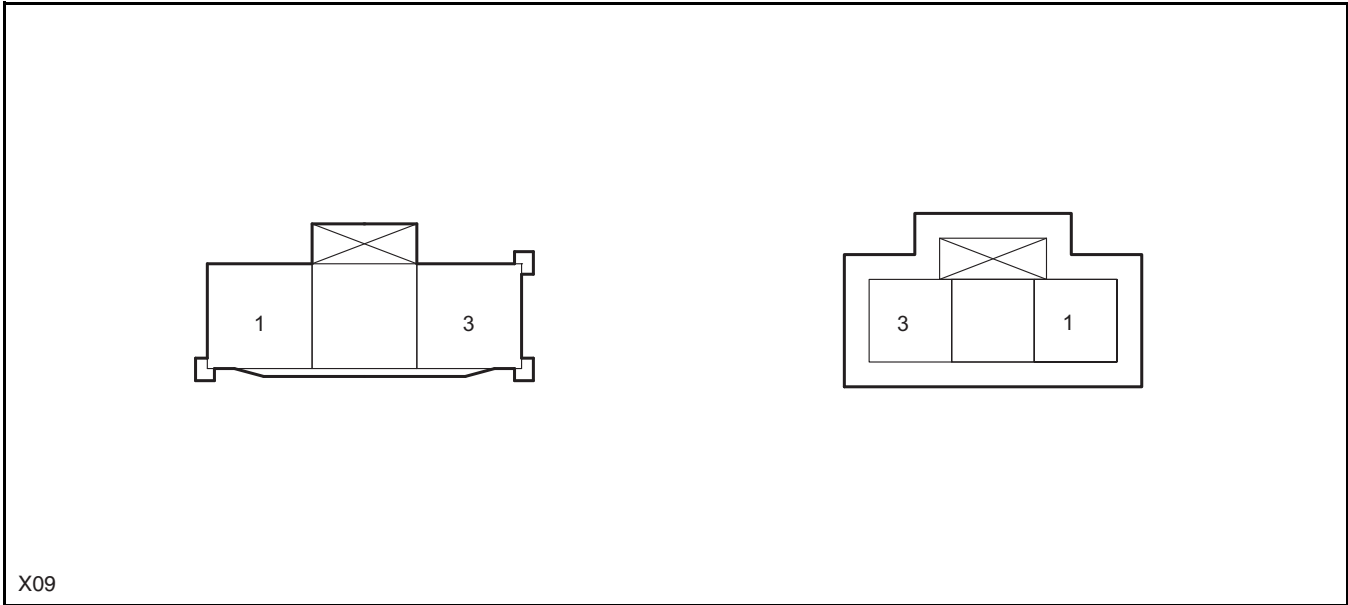
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 2



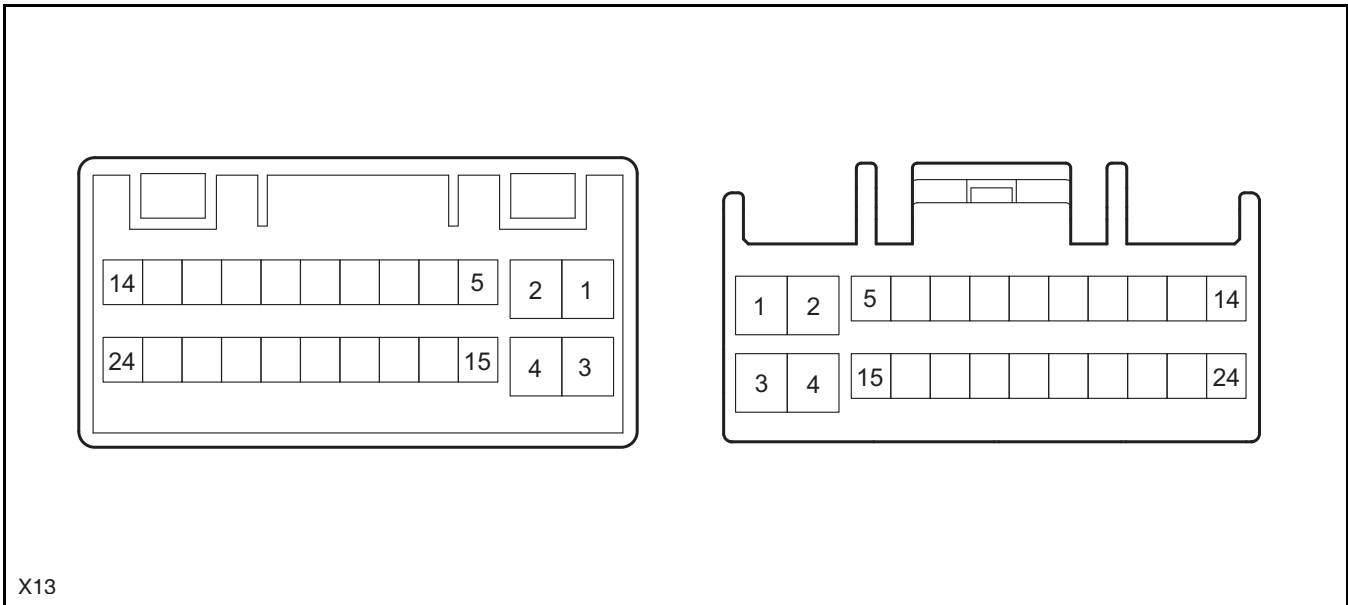
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 3



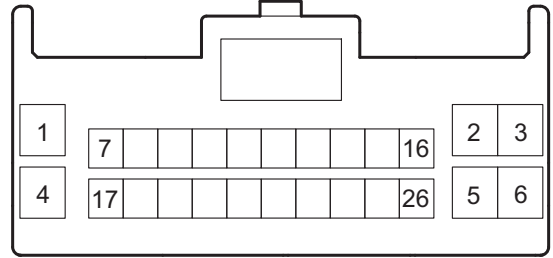
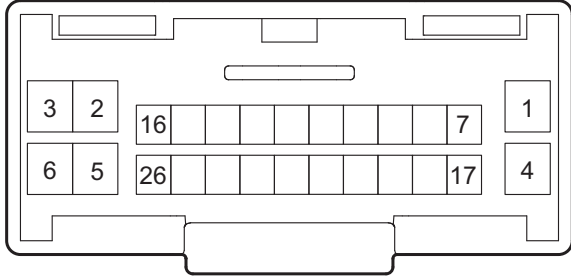
Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

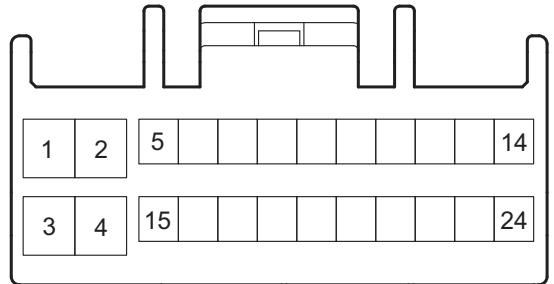
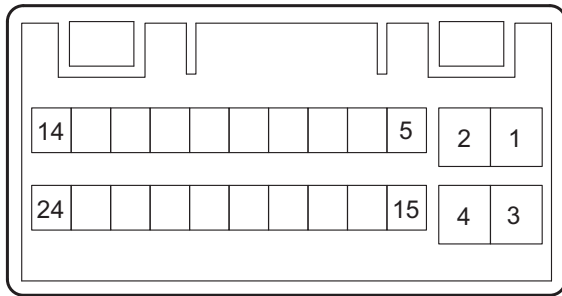
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

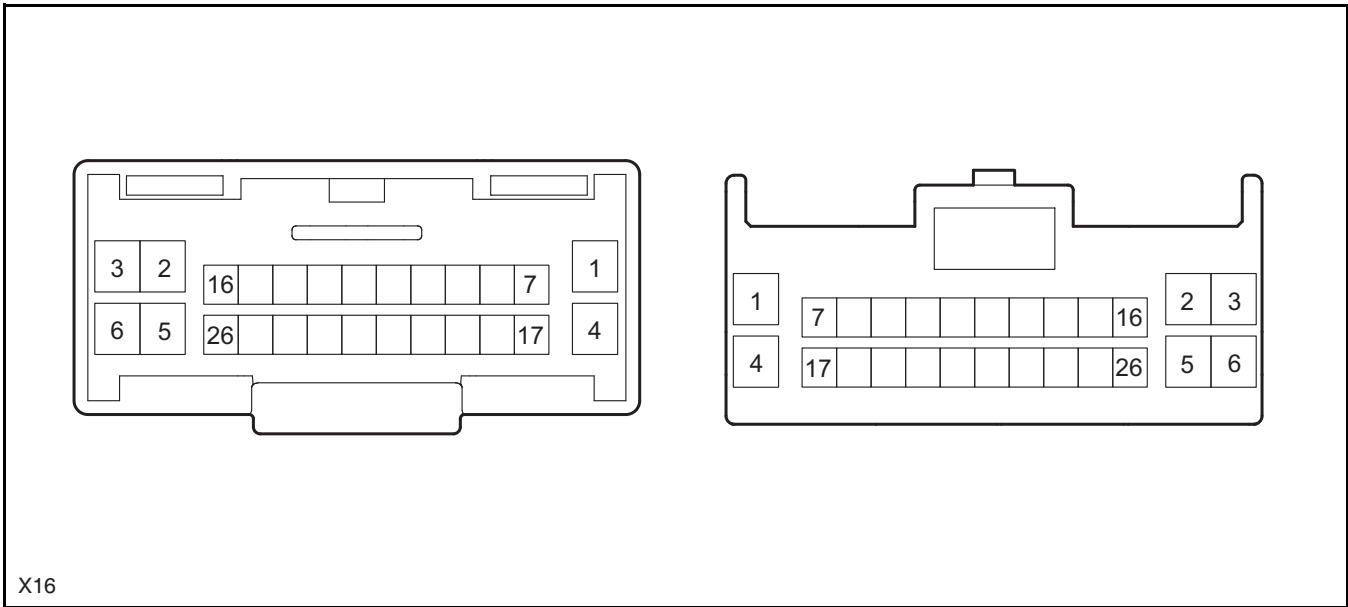
Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X15

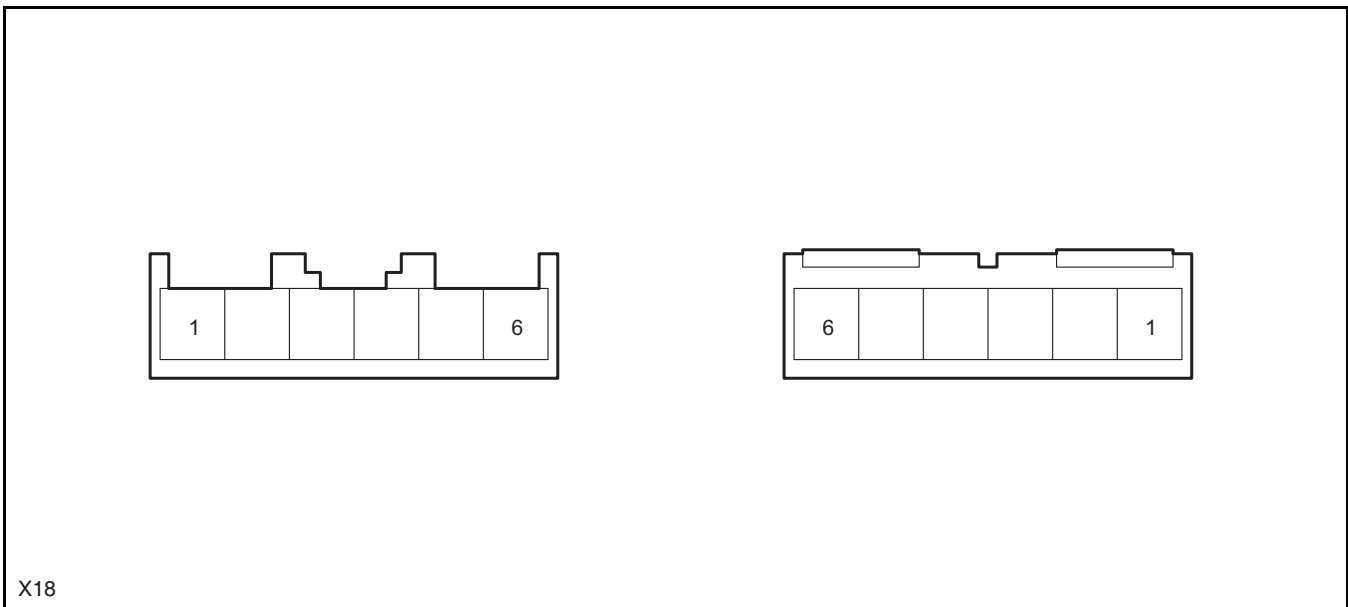
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



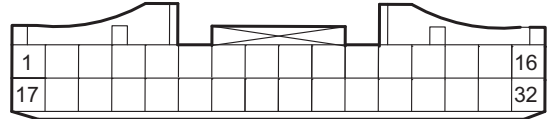
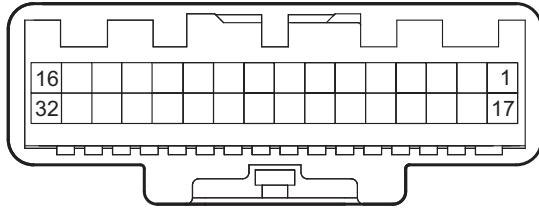
Instrument Panel Wiring Harness to Sunlight Sensor
Wiring Harness

Sunlight Sensor Wiring Harness to Instrument Panel
Wiring Harness



Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

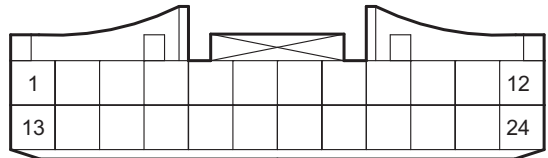
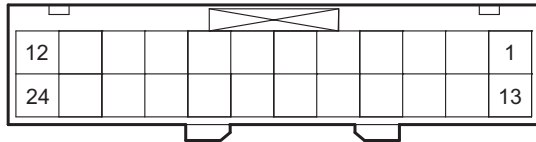
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



X19

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

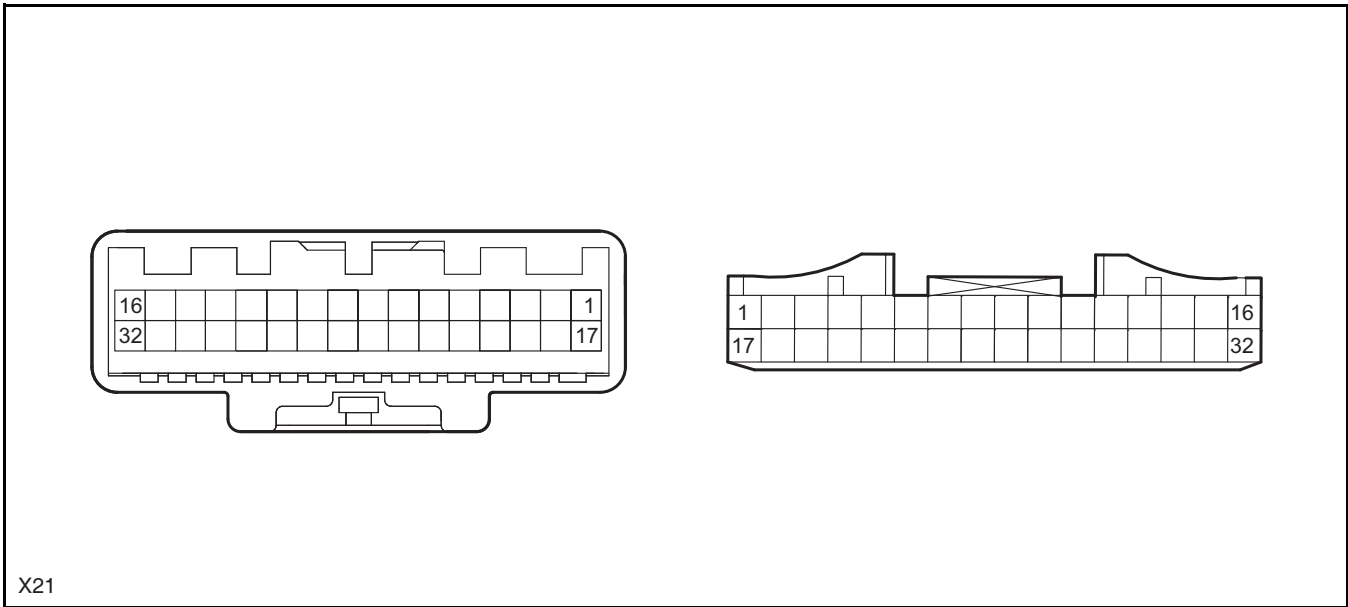
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



X20

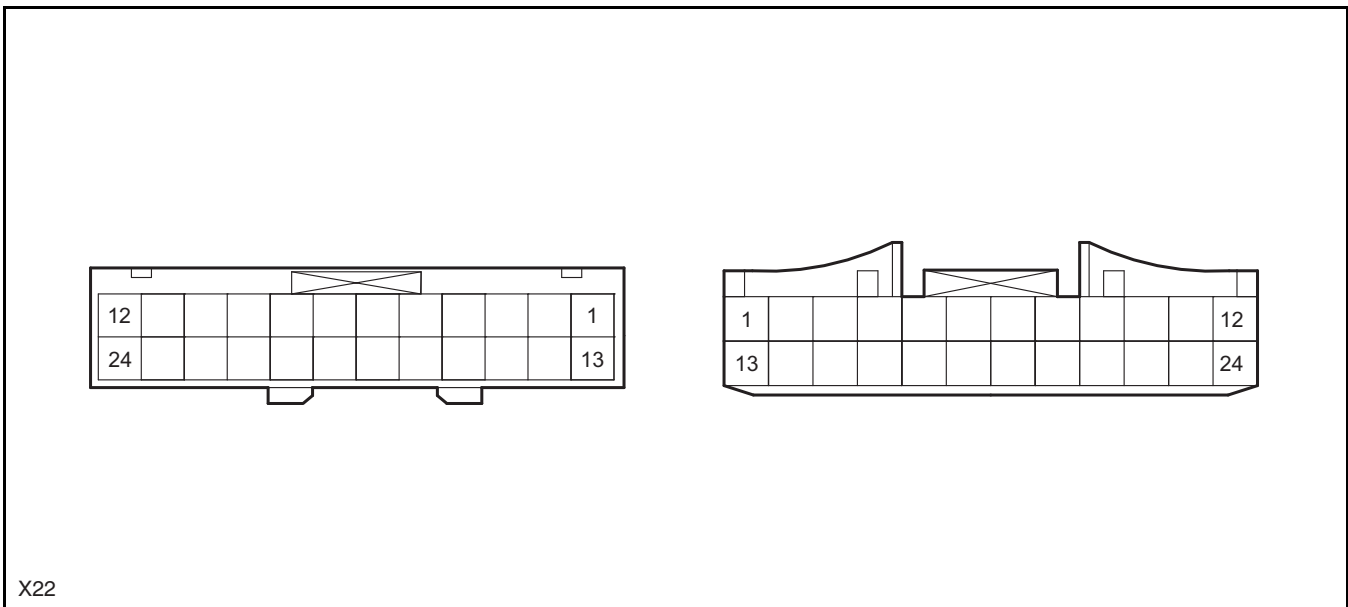
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 1



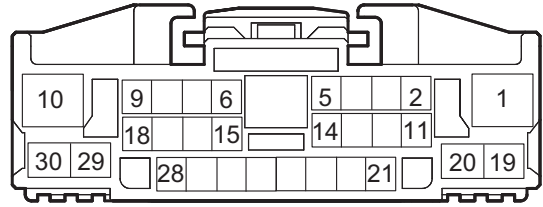
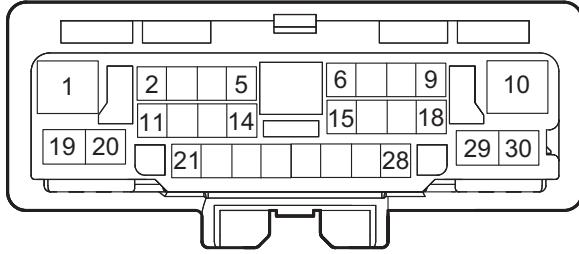
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2



Roof Wiring Harness to Instrument Panel Wiring Harness

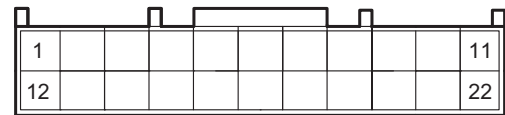
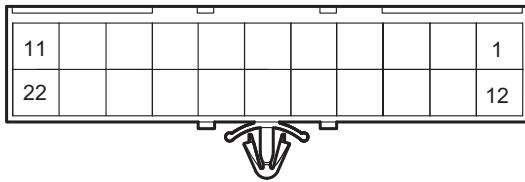
Instrument Panel Wiring Harness to Roof Wiring Harness



X23

Back Door Wiring Harness to Chassis Wiring Harness

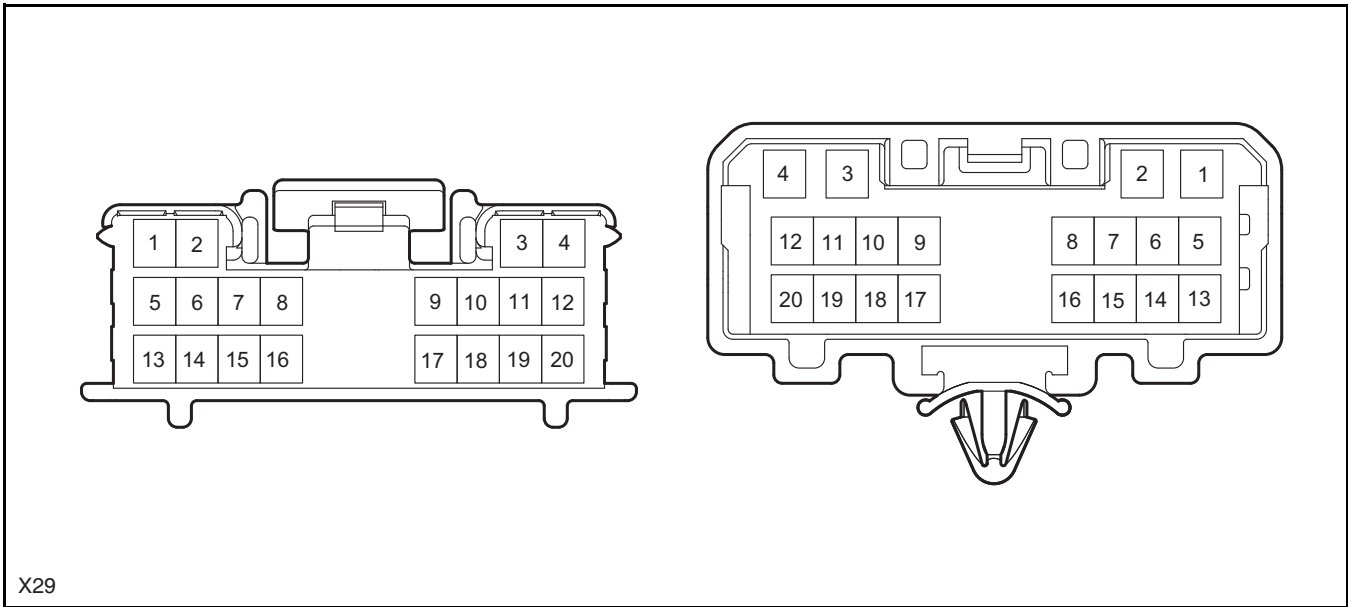
Chassis Wiring Harness to Back Door Wiring Harness



X28

Rear Bumper Wiring Harness to Chassis Wiring Harness

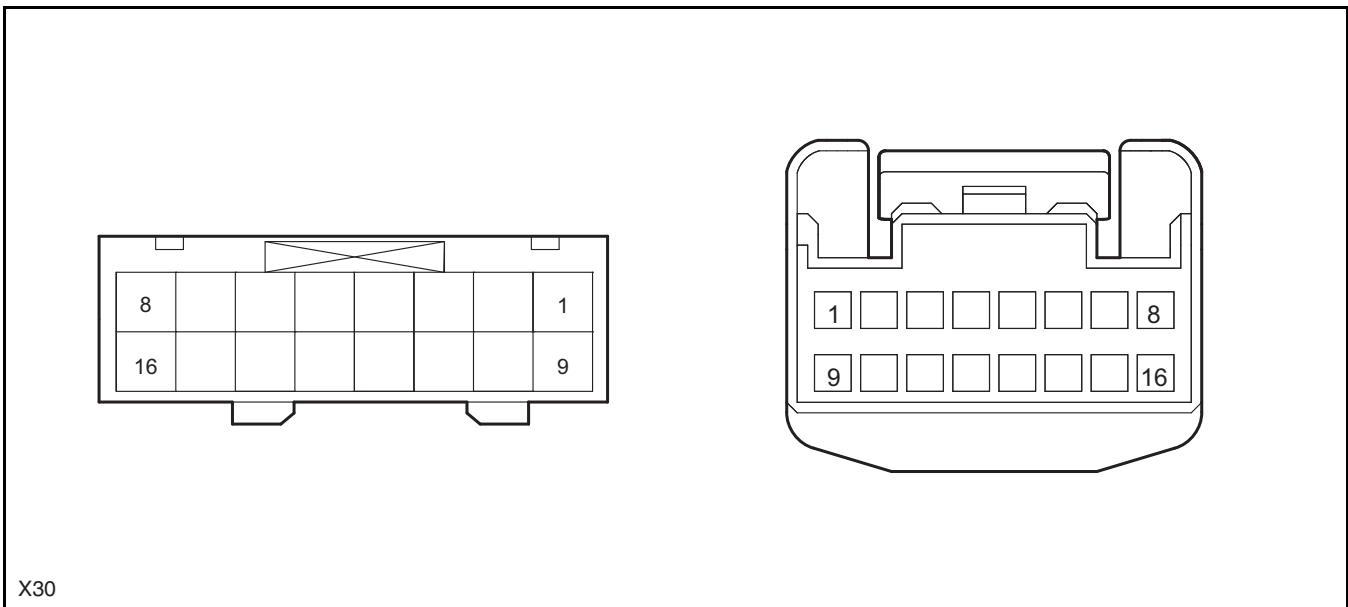
Chassis Wiring Harness to Rear Bumper Wiring Harness



X29

Back Door Wiring Harness to License Plate Lamp Wiring Harness

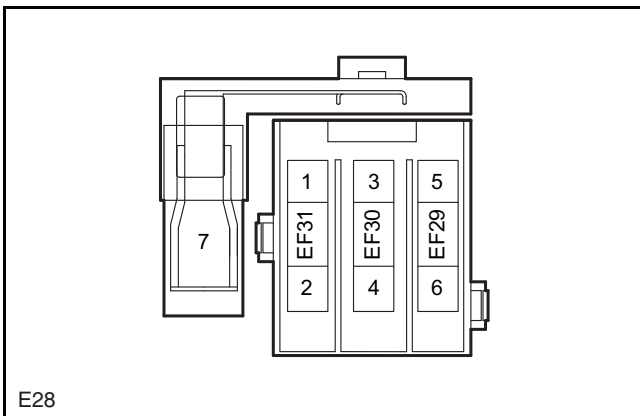
License Plate Lamp Wiring Harness to Back Door Wiring Harness



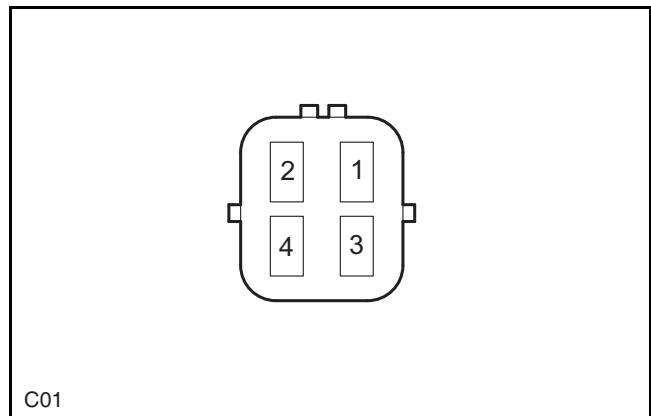
X30

Battery Positive Fuse Box

Right Front Turn Lamp

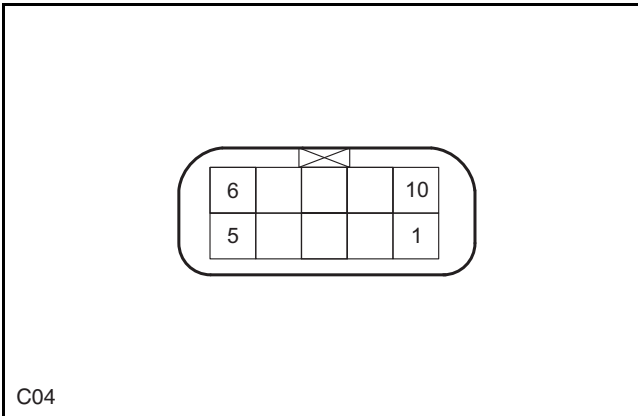


E28

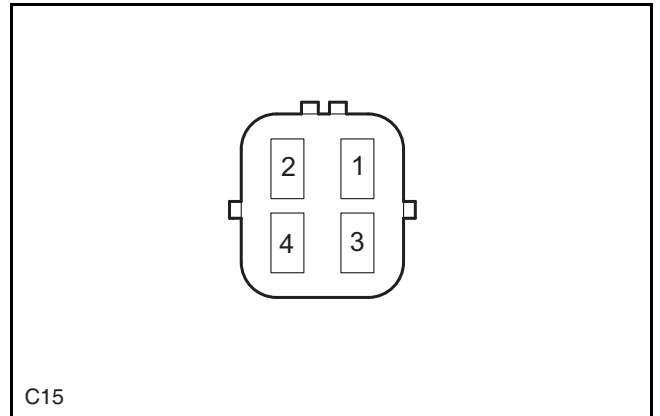


C01

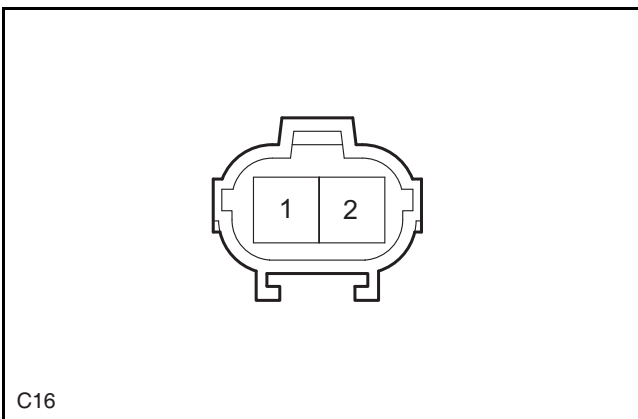
Right Front Combination Lamp



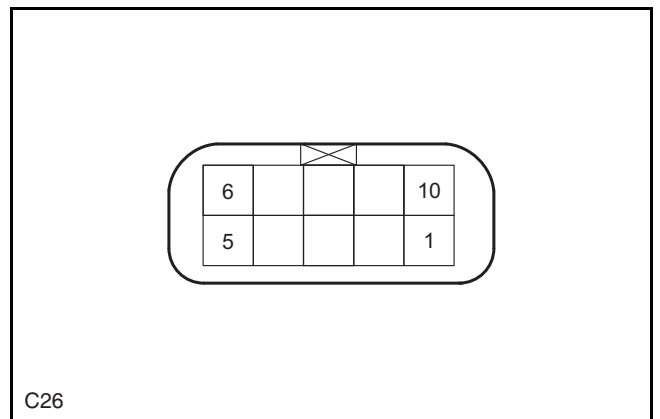
Left Front Turn Lamp



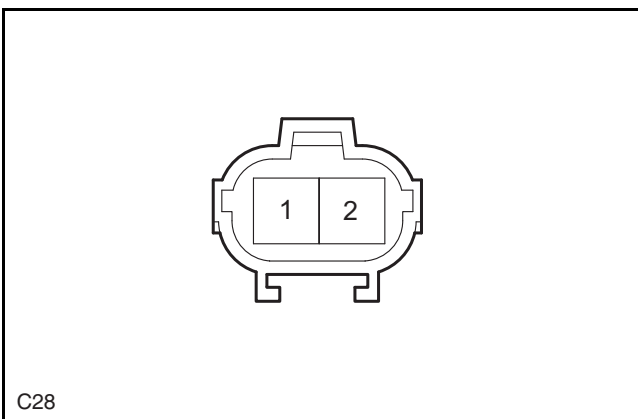
Right Front Fog Lamp



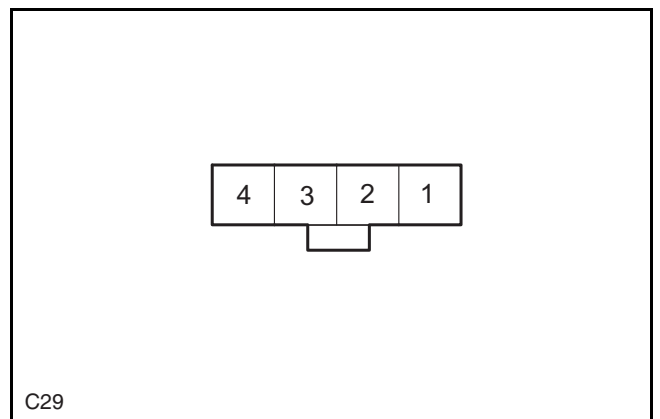
Left Front Combination Lamp



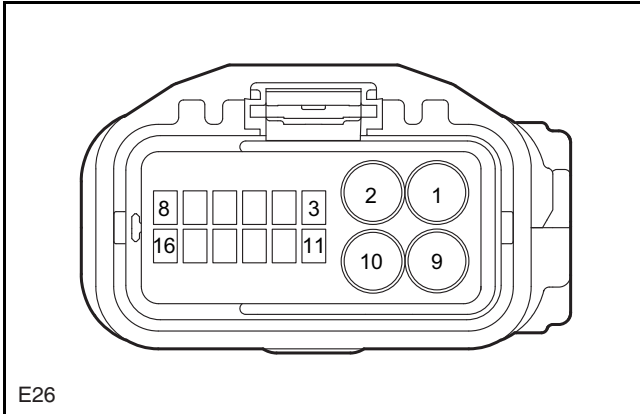
Left Front Fog Lamp



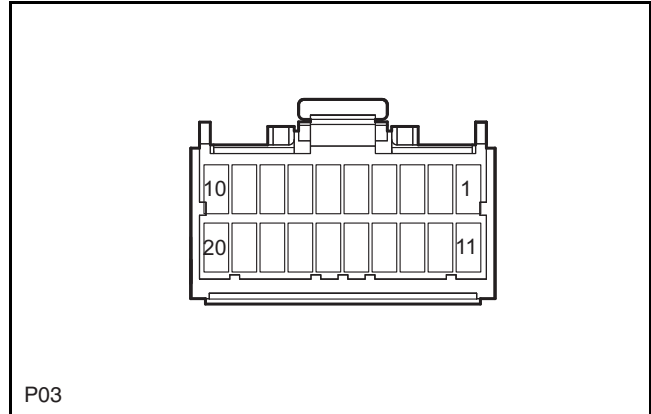
Brake Switch



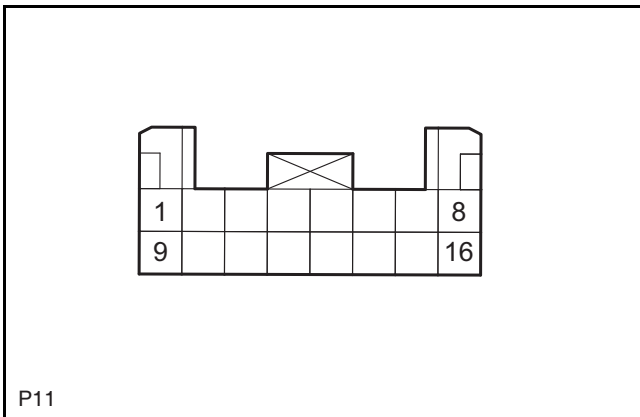
TCU



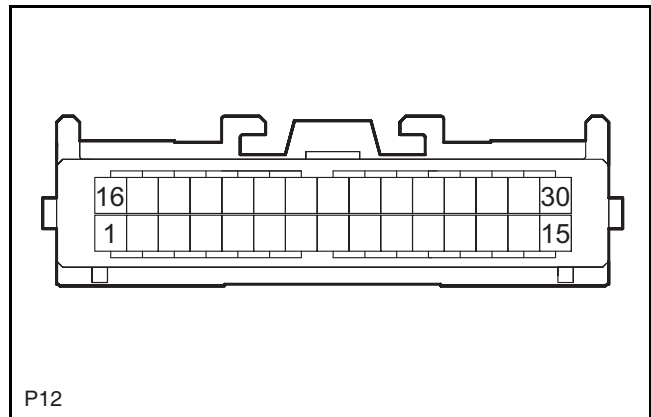
Switch Box



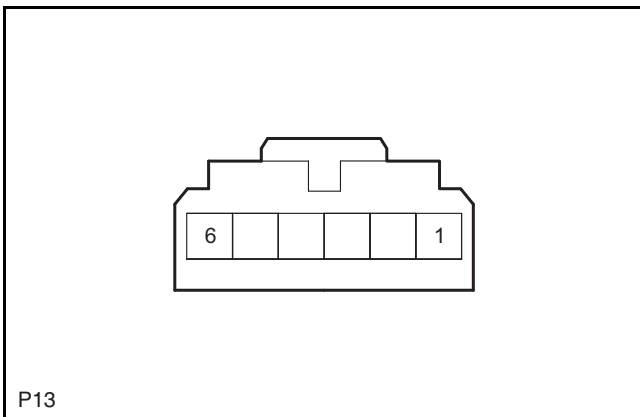
Light Controller A



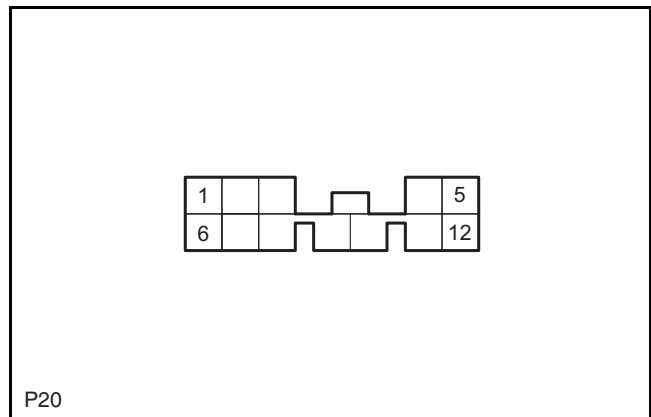
Short Circuiter - 3



Sunlight Sensor

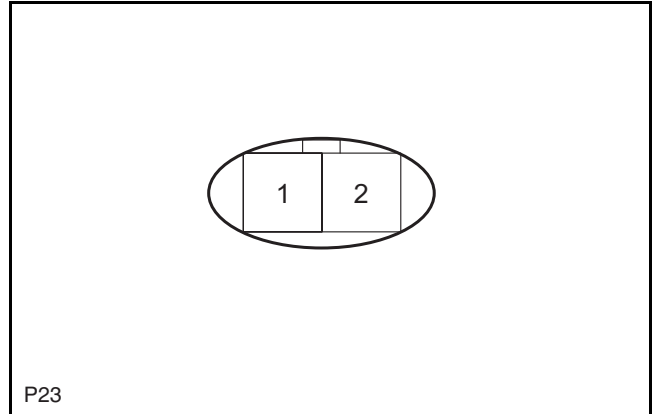
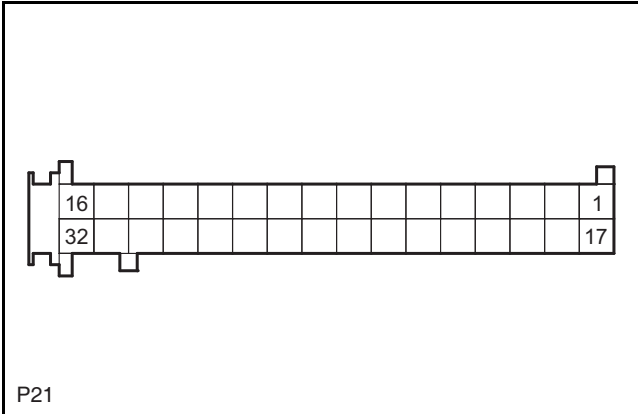


BCM-A



BCM-C

Driver Foot Lamp

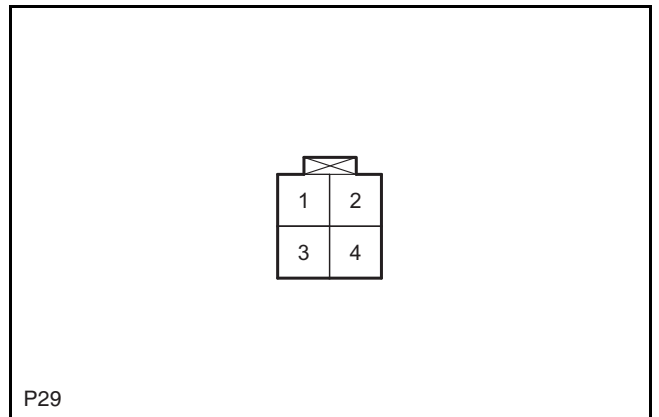
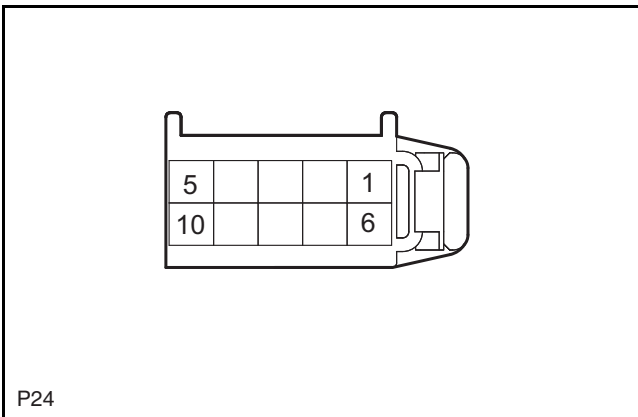


P21

P23

Combination Lamp Switch

Key Unremoved Reminder Switch

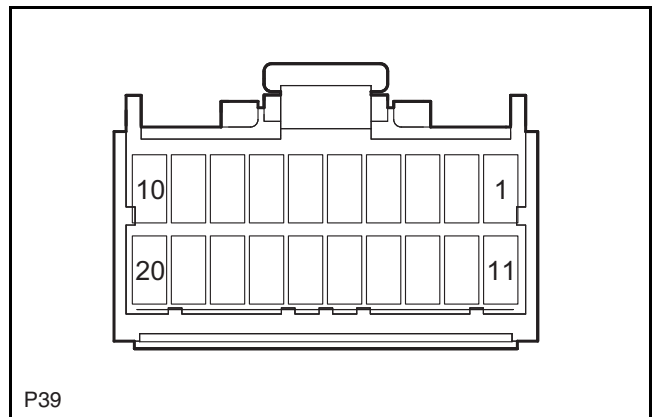
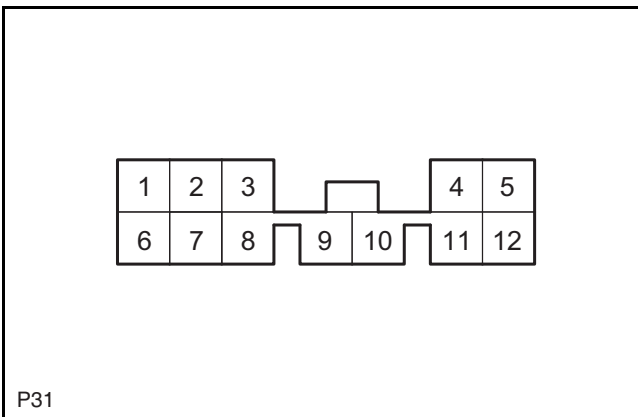


P24

P29

Light Controller B

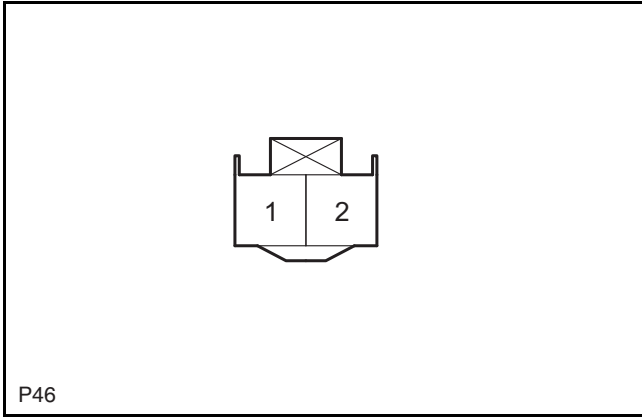
Center Control Panel



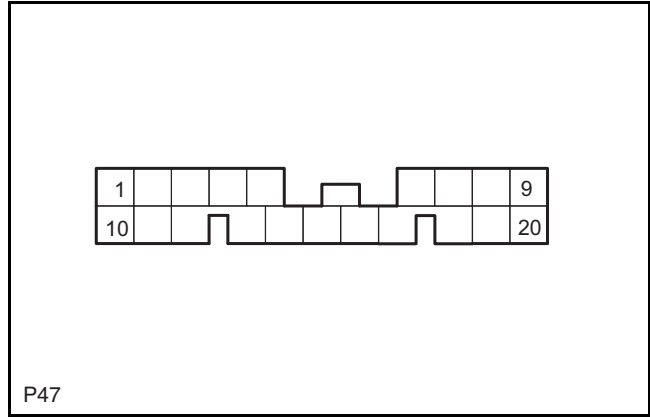
P31

P39

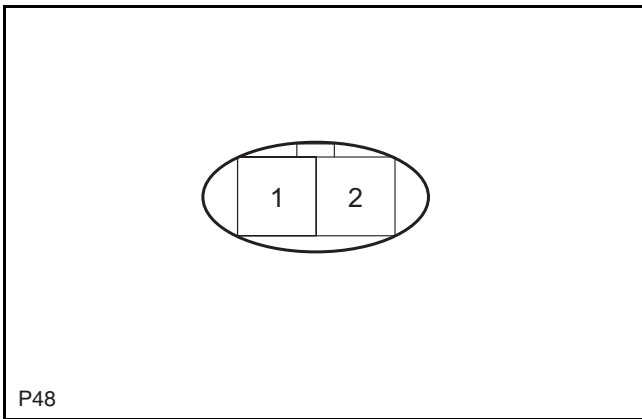
Glove Box Lamp



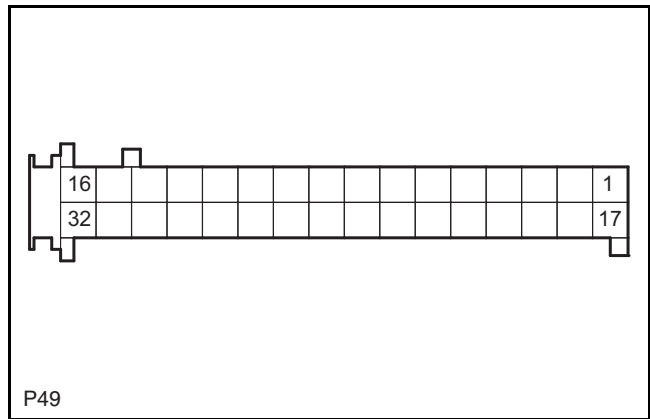
BCM-B



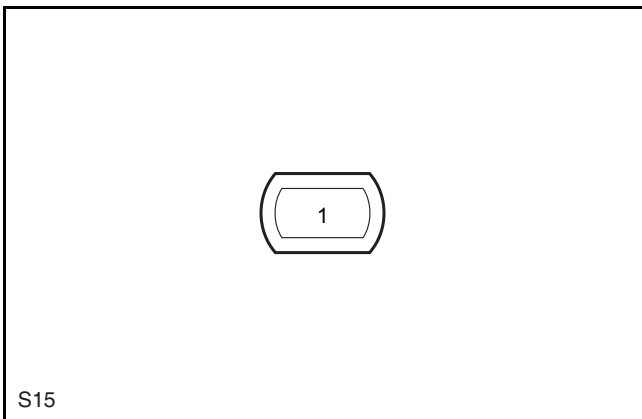
Front Passenger Foot Lamp



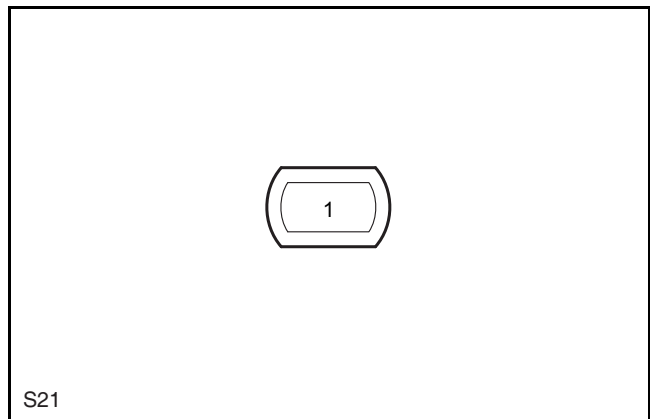
BCM-D



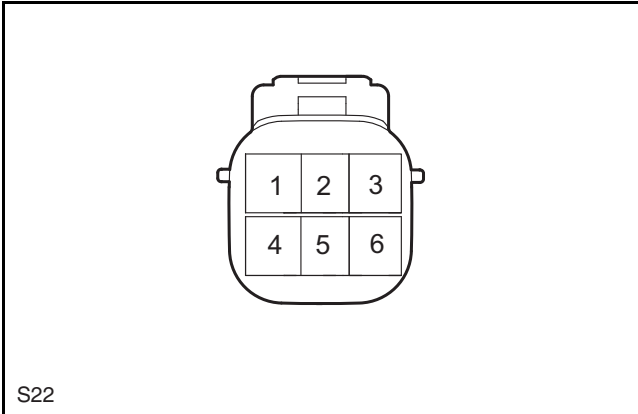
Right Front Door Contact Switch



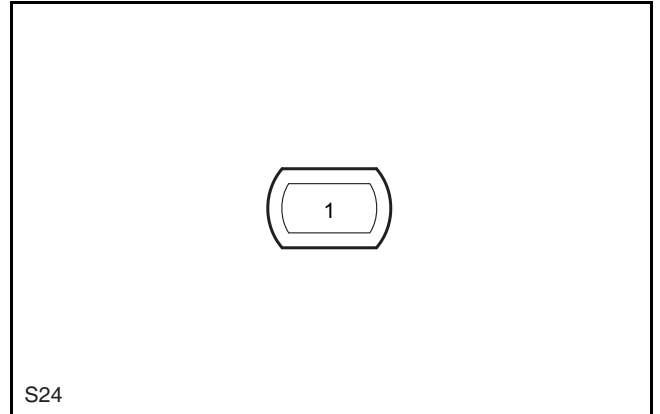
Right Rear Door Contact Switch



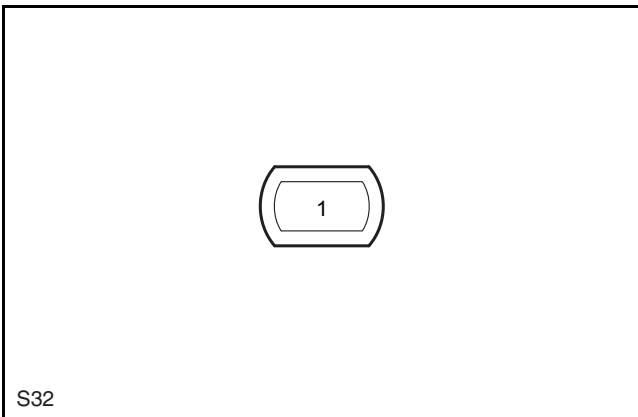
Right Rear Combination Lamp



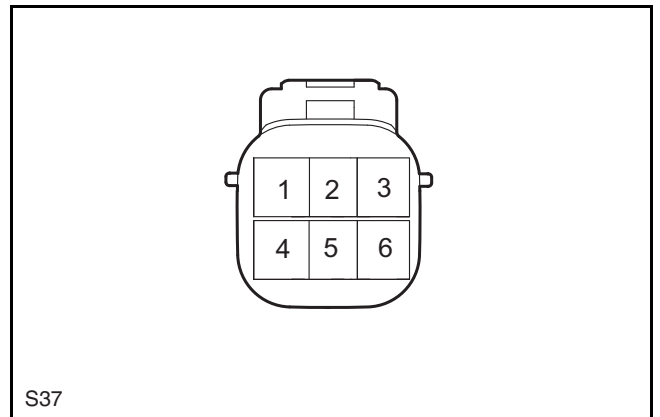
Left Front Door Contact Switch



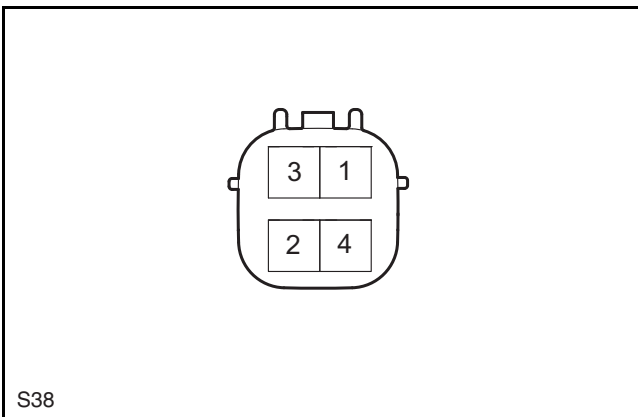
Left Rear Door Contact Switch



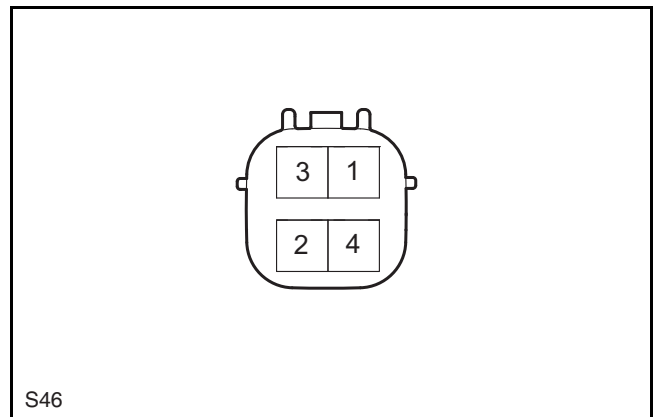
Left Rear Combination Lamp



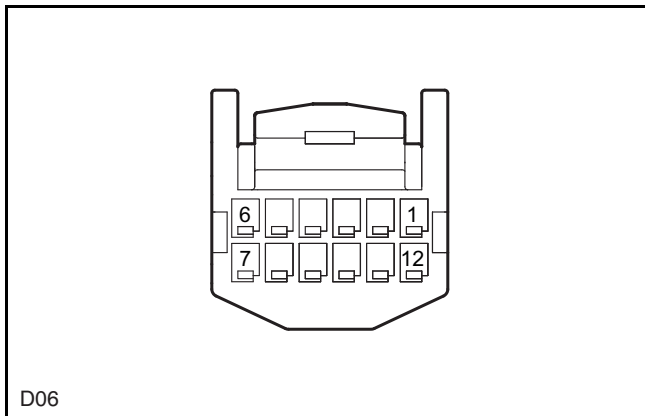
Left Rear Fog Lamp



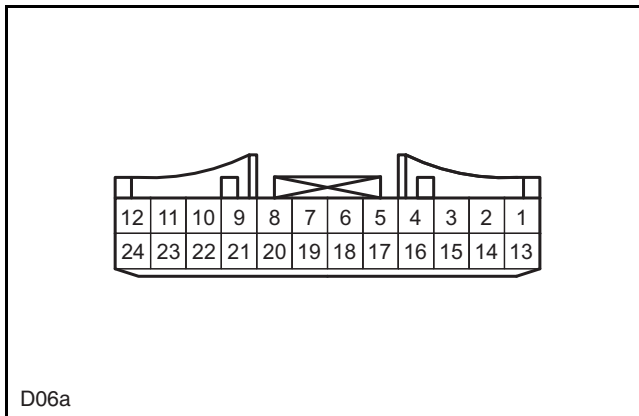
Right Rear Fog Lamp



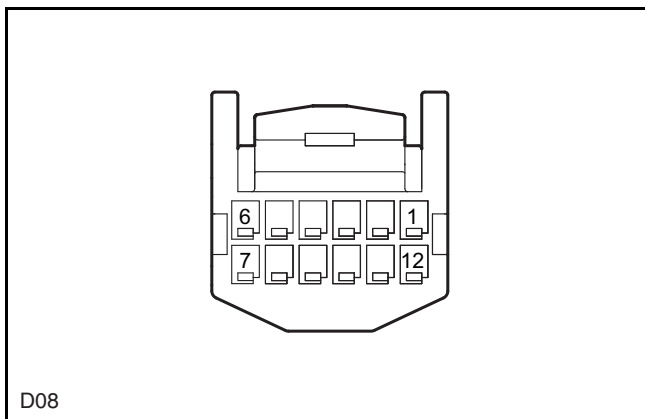
Left Power Rearview Mirror



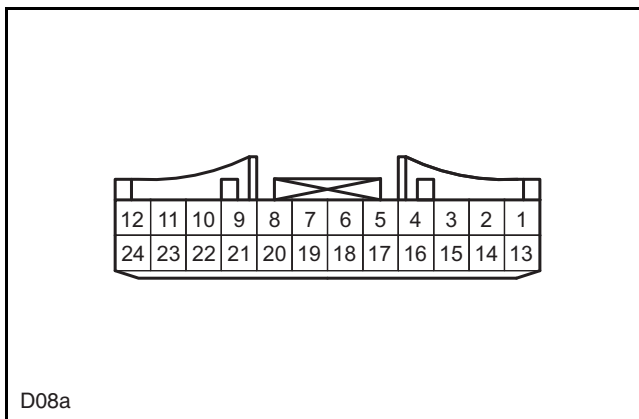
Left Power Rearview Mirror



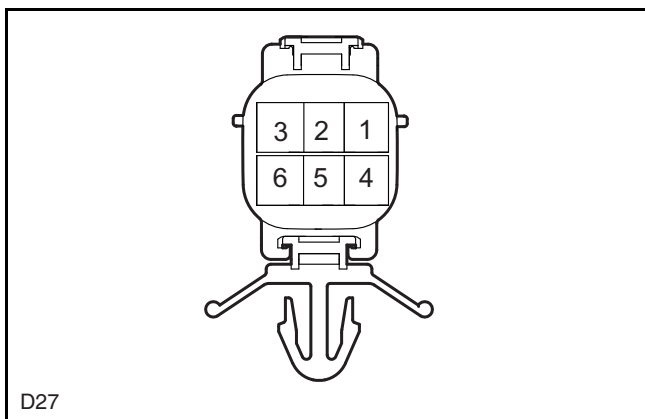
Right Power Rearview Mirror



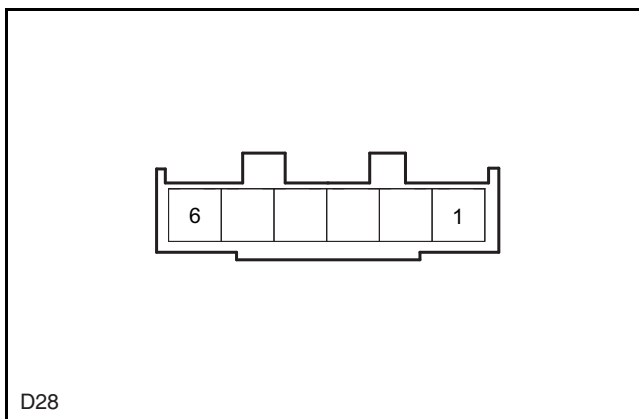
Right Power Rearview Mirror



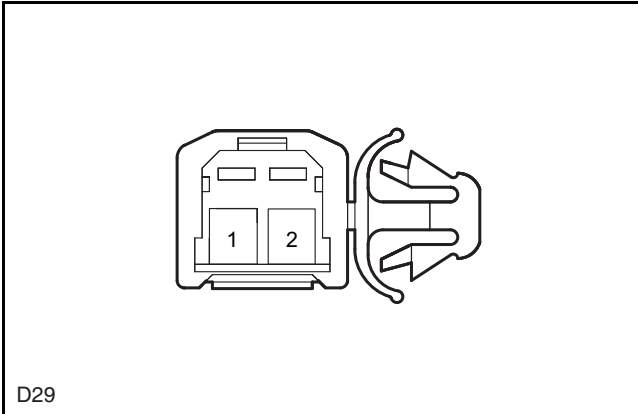
Left Rear Tail Lamp



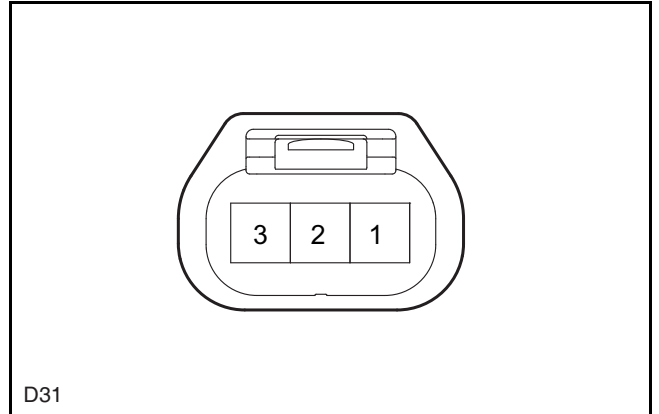
Back Door Lock Motor



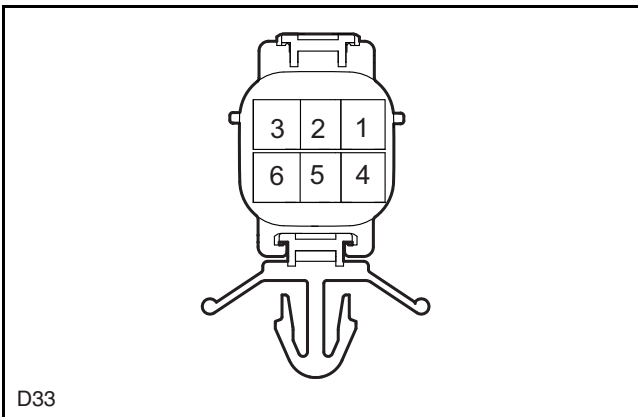
High Mounted Brake Lamp



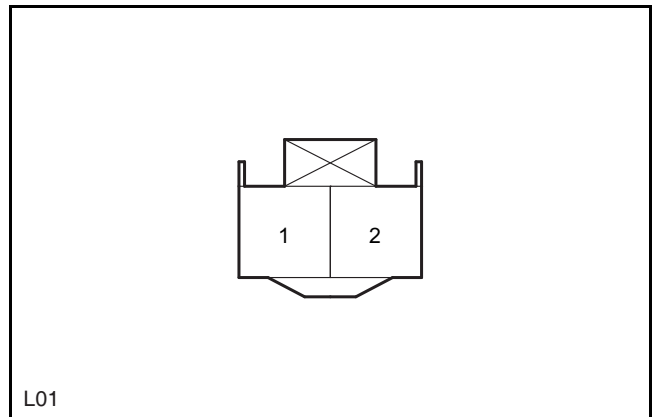
Luggage Compartment Switch



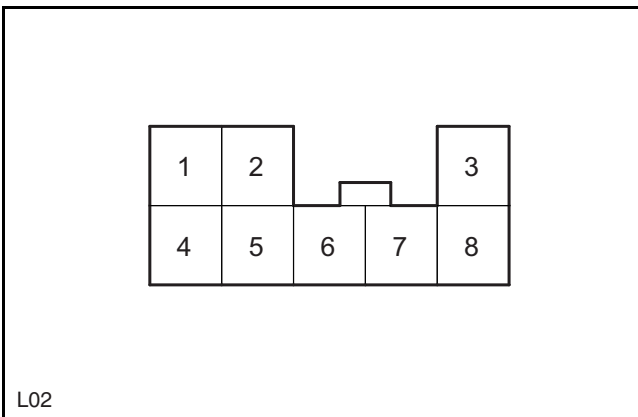
Right Rear Tail Lamp



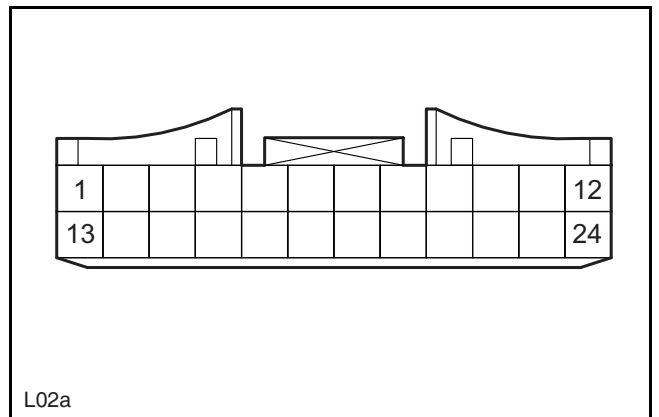
Right Vanity Lamp



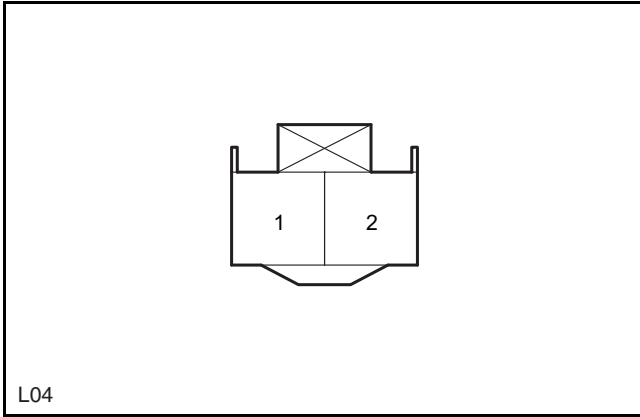
Front Dome Lamp



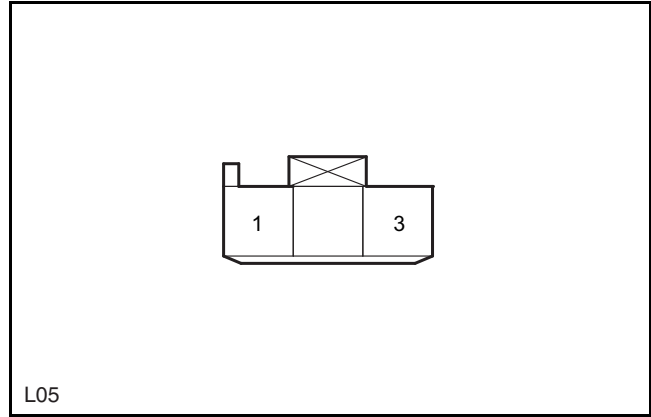
Front Dome Lamp



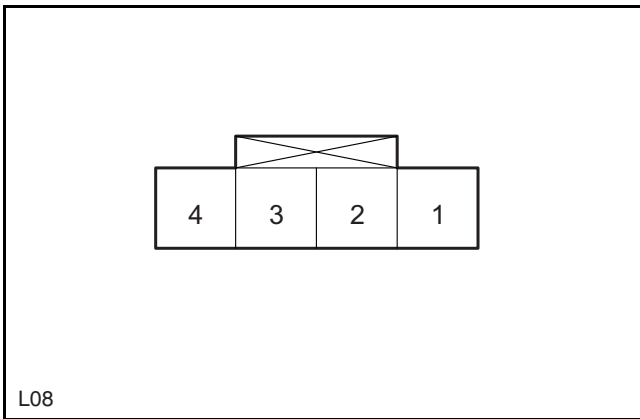
Left Vanity Lamp



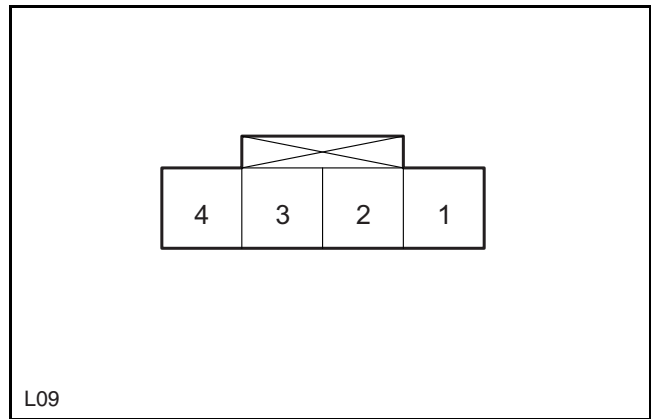
Rear Dome Lamp



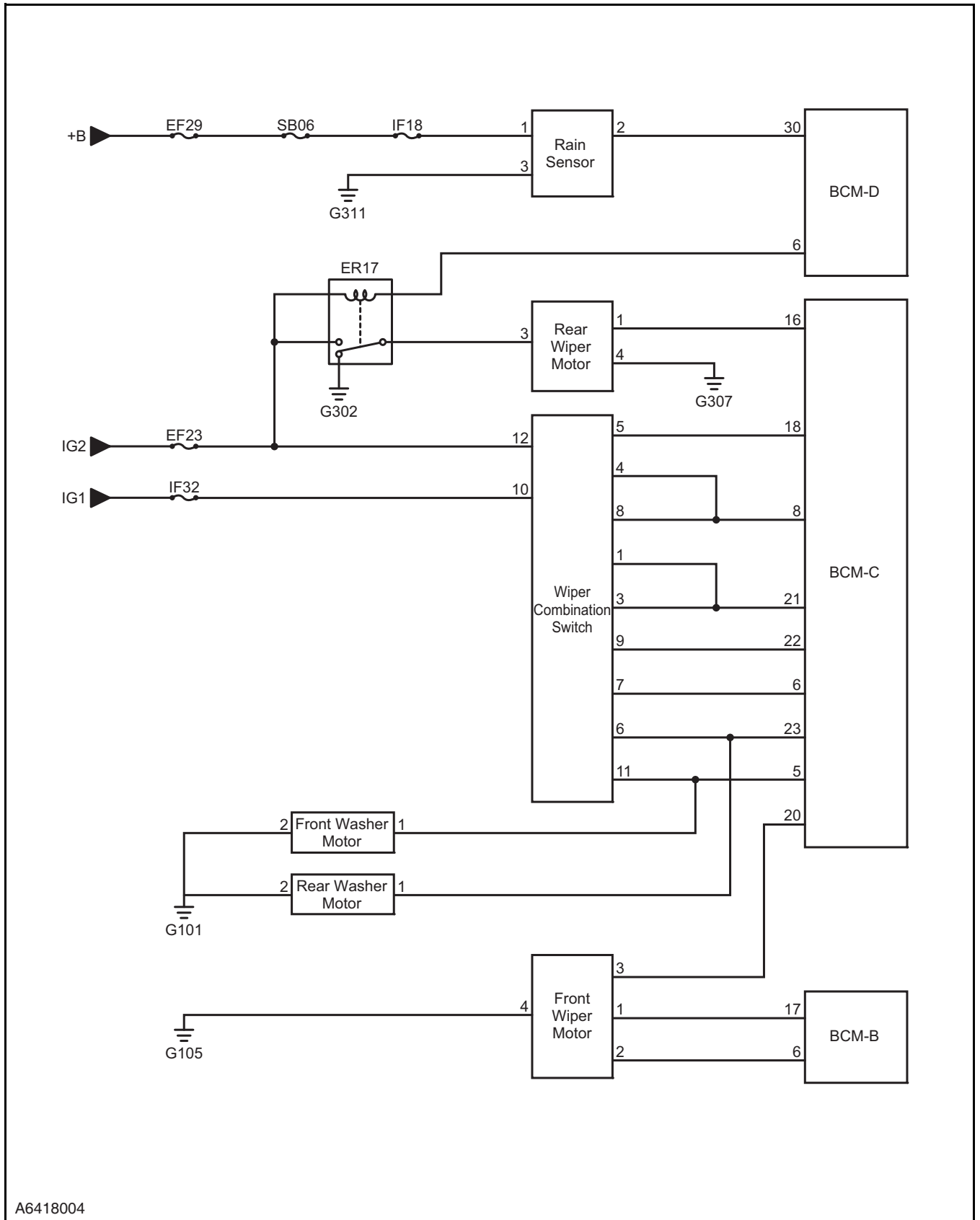
Right Rear Dome Lamp



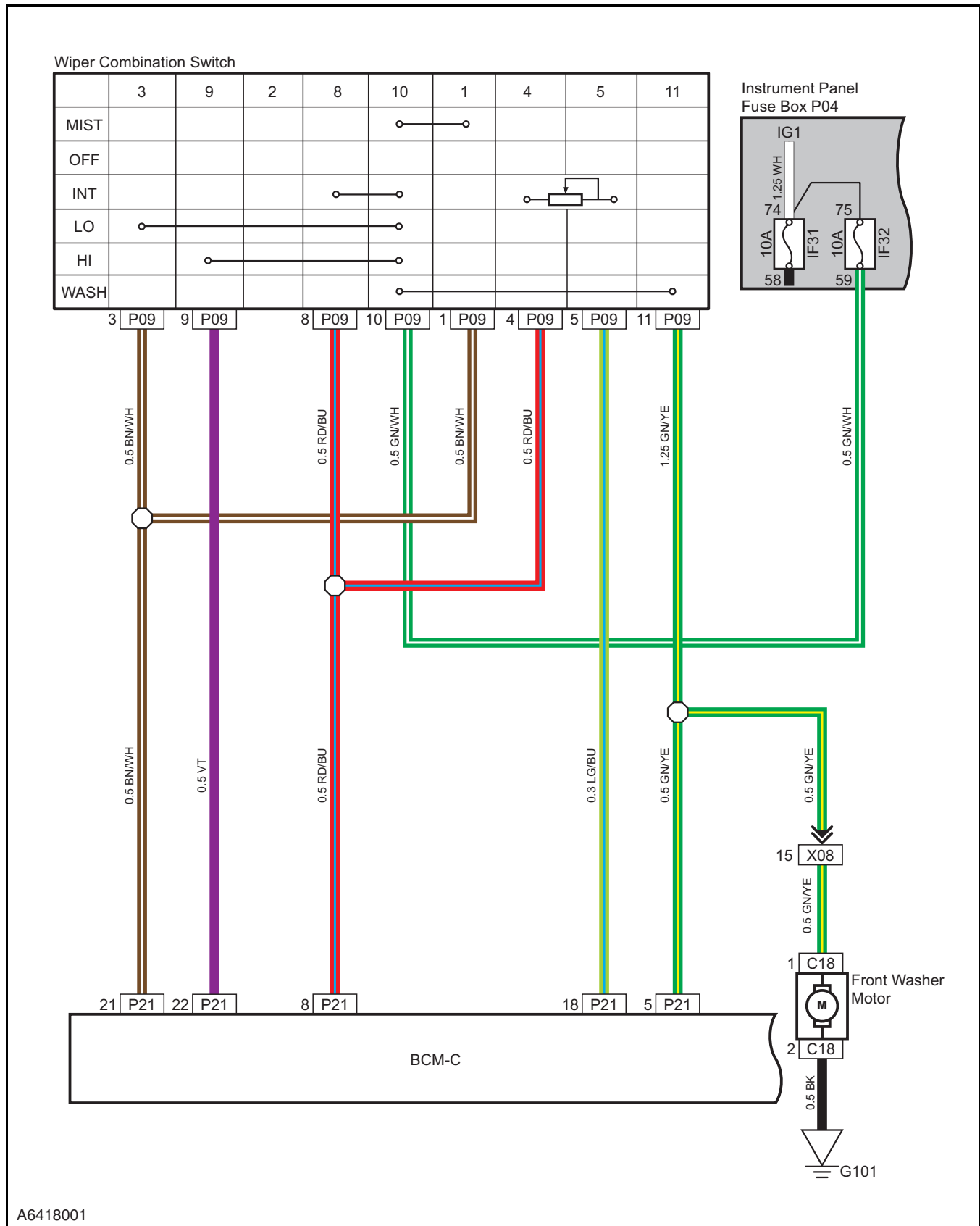
Left Rear Dome Lamp



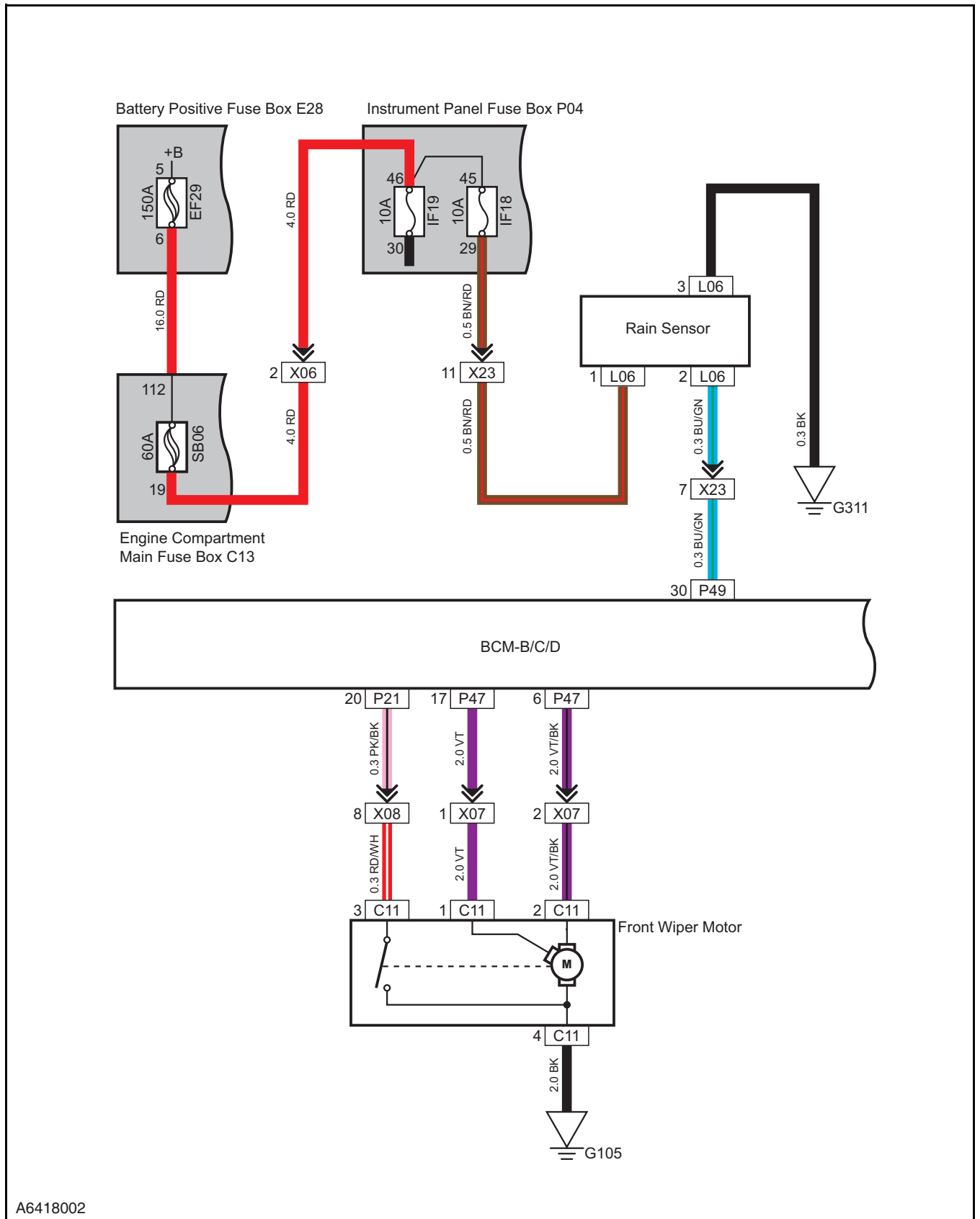
Wiper and Washer



Front Wiper Switch

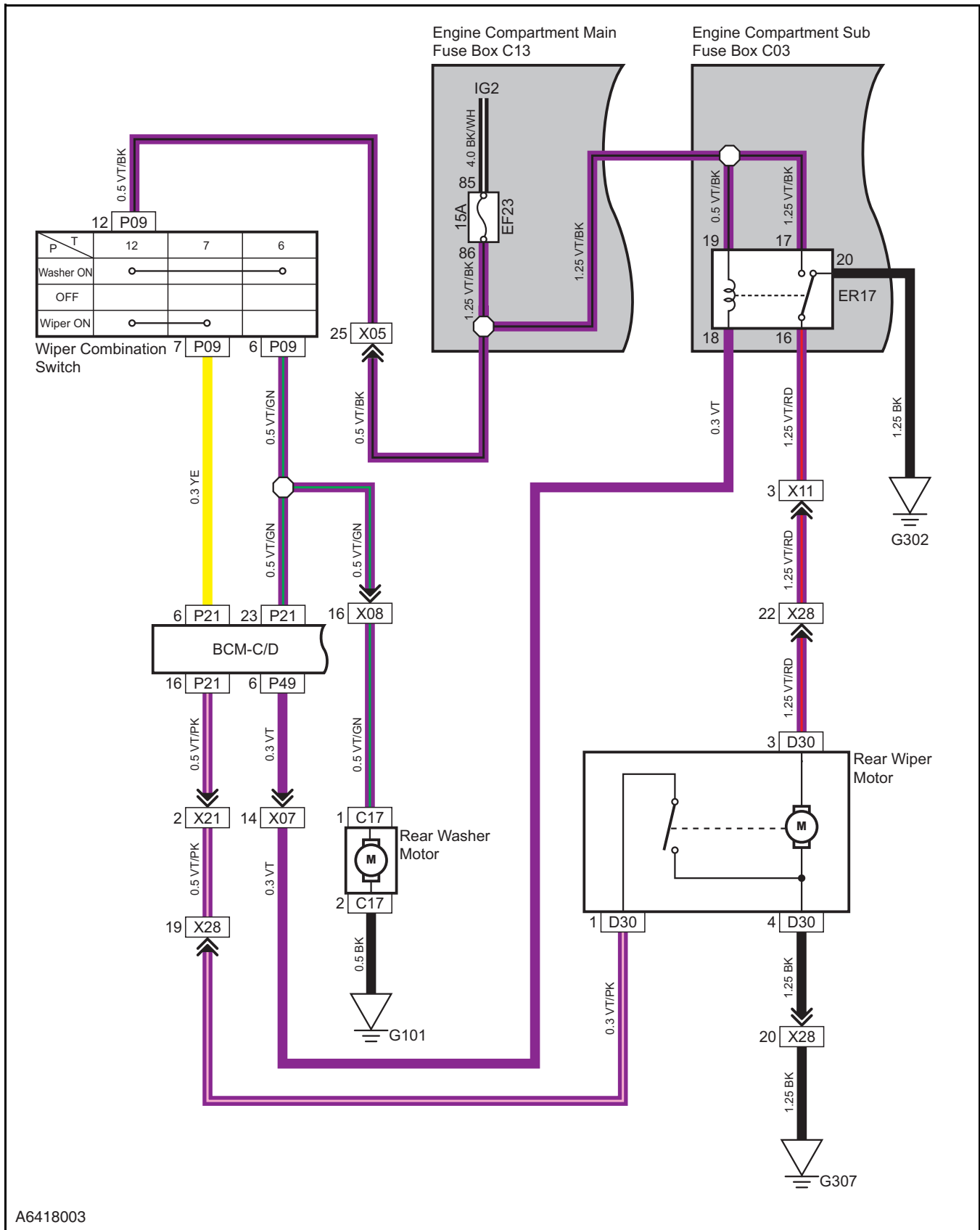


Front Wiper Motor



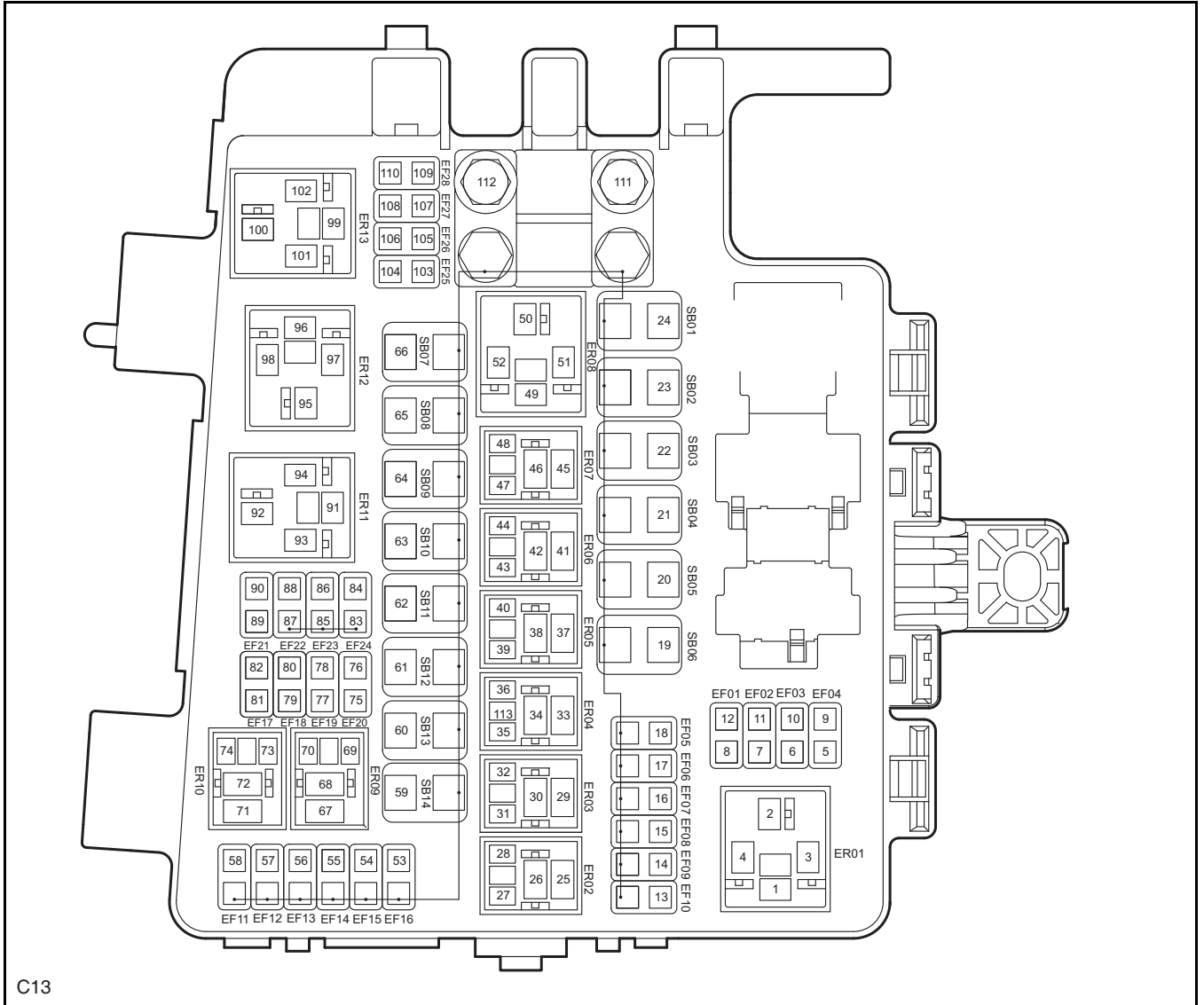
A6418002

Rear Wiper

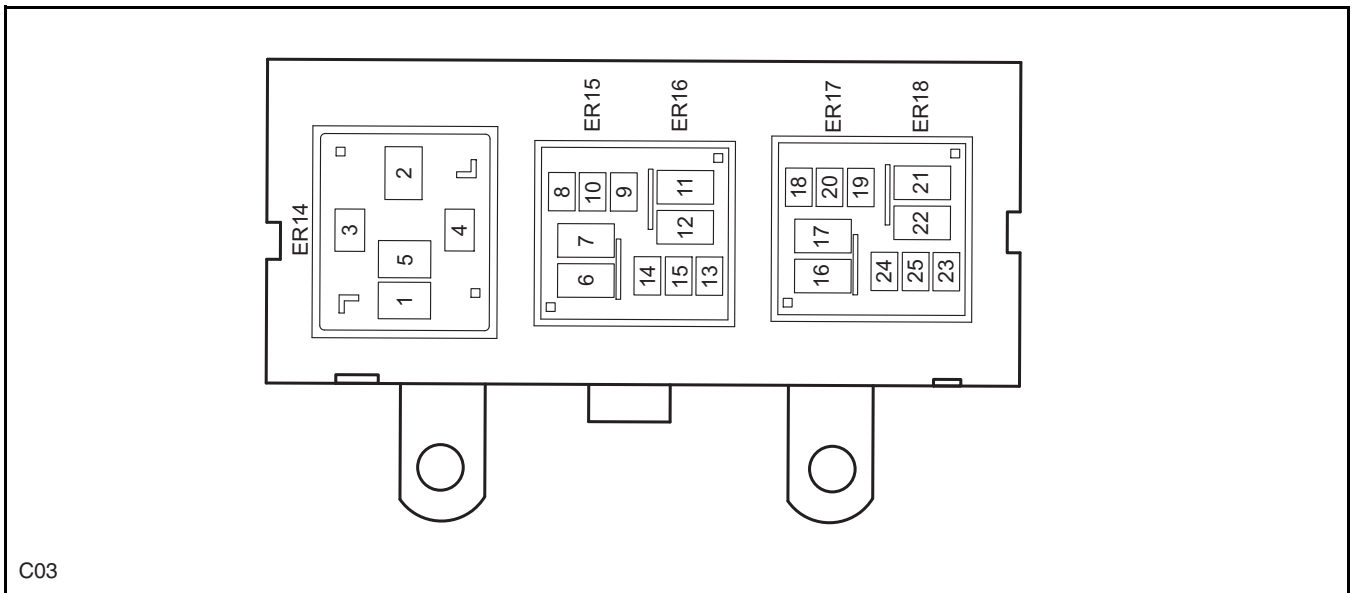


A6418003

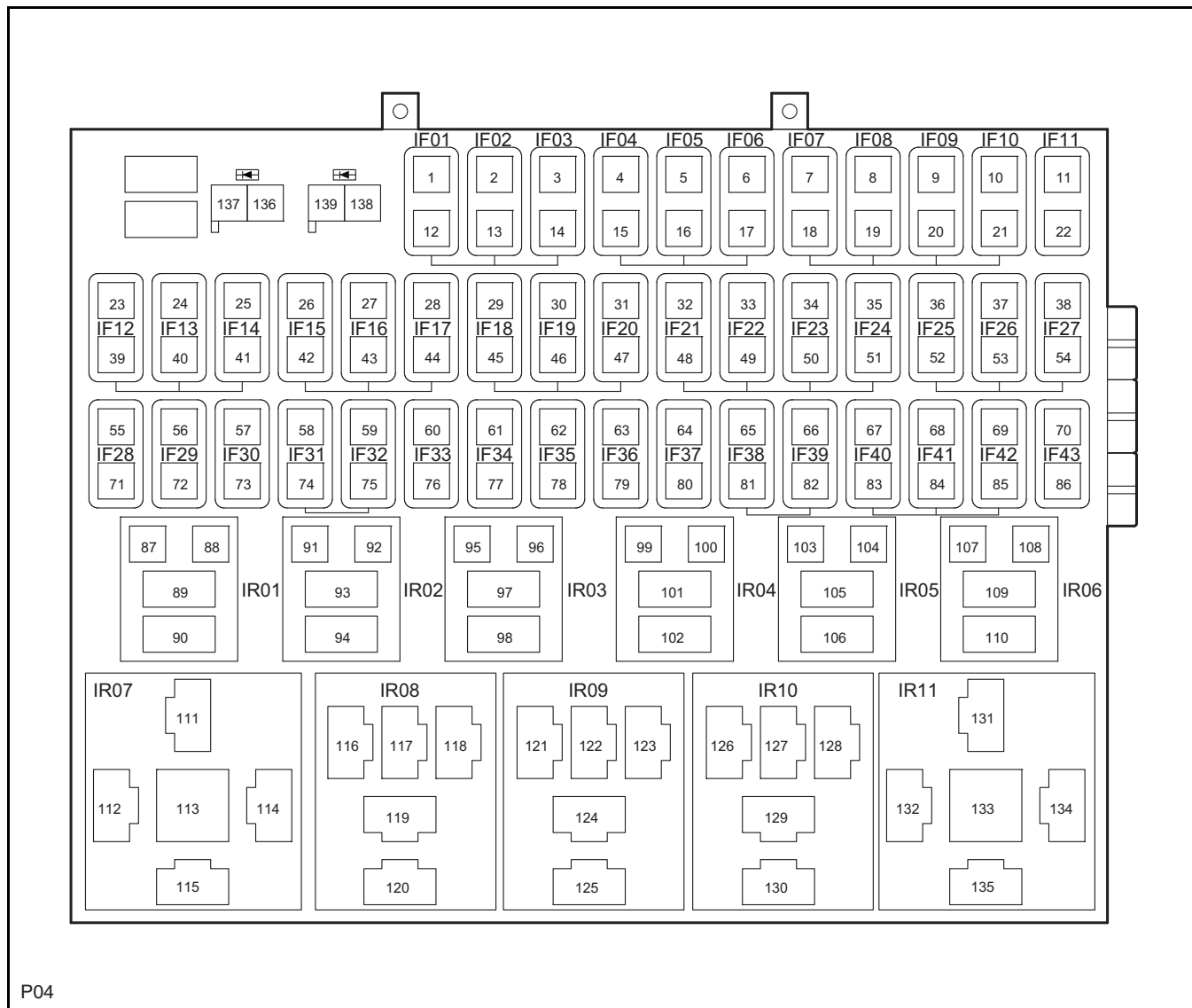
Engine Compartment Main Fuse Box



Engine Compartment Sub Fuse Box



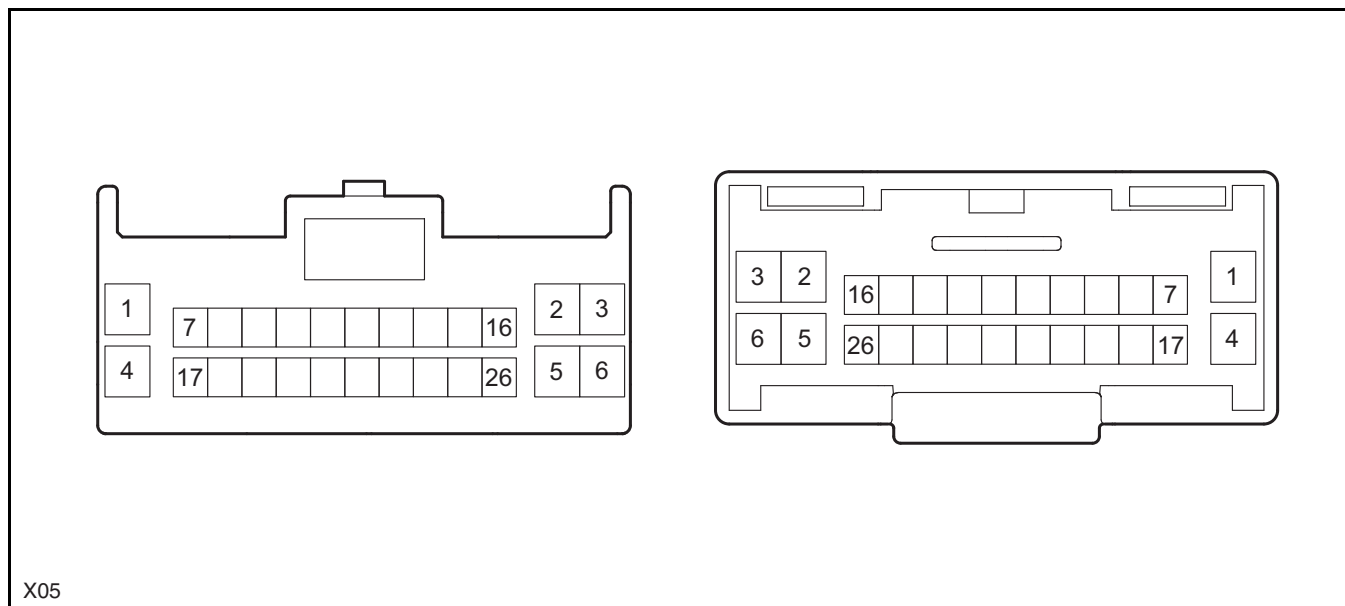
Instrument Panel Fuse Box



P04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

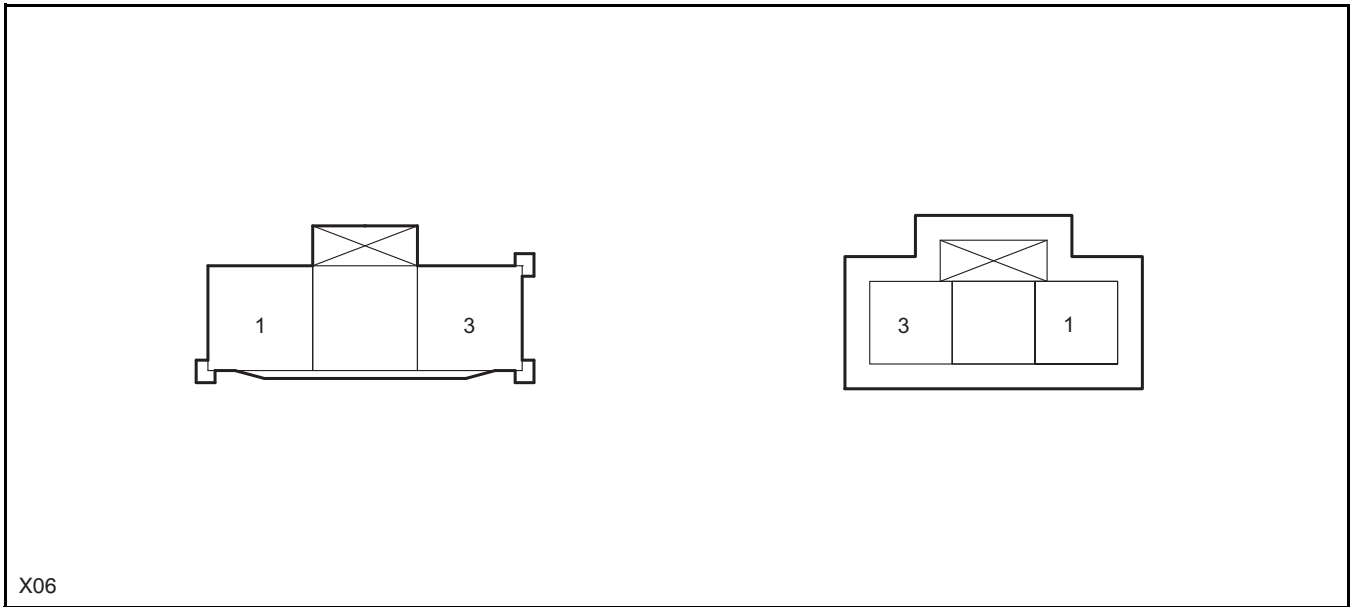
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



X05

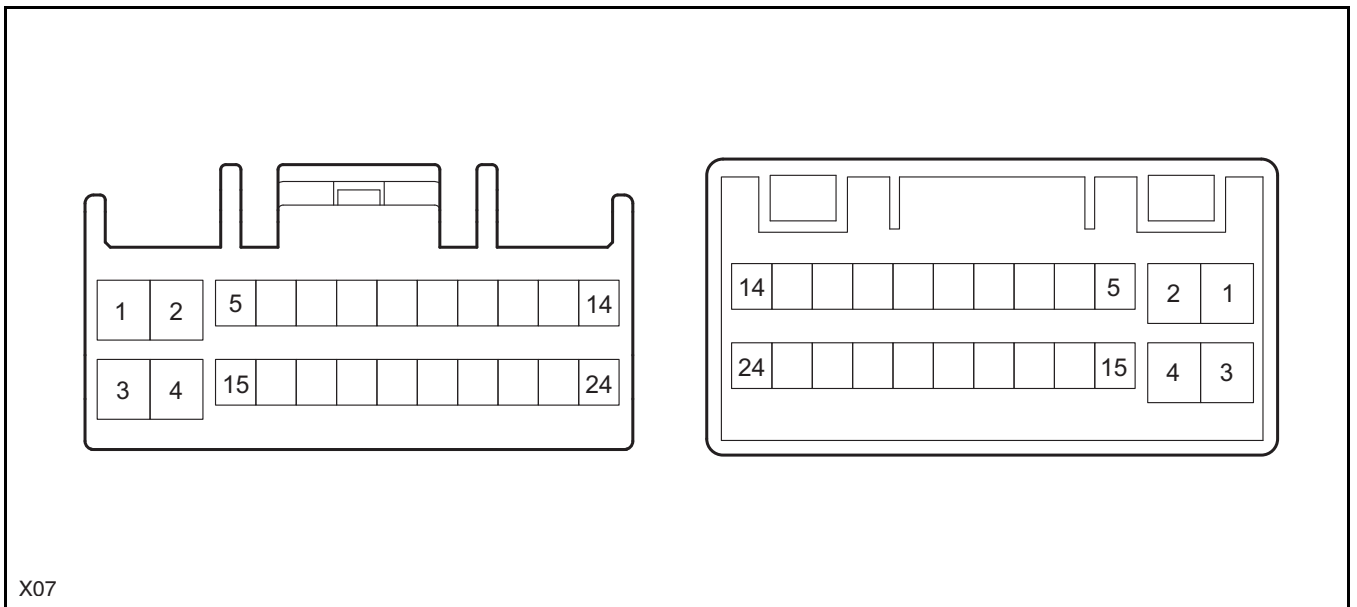
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



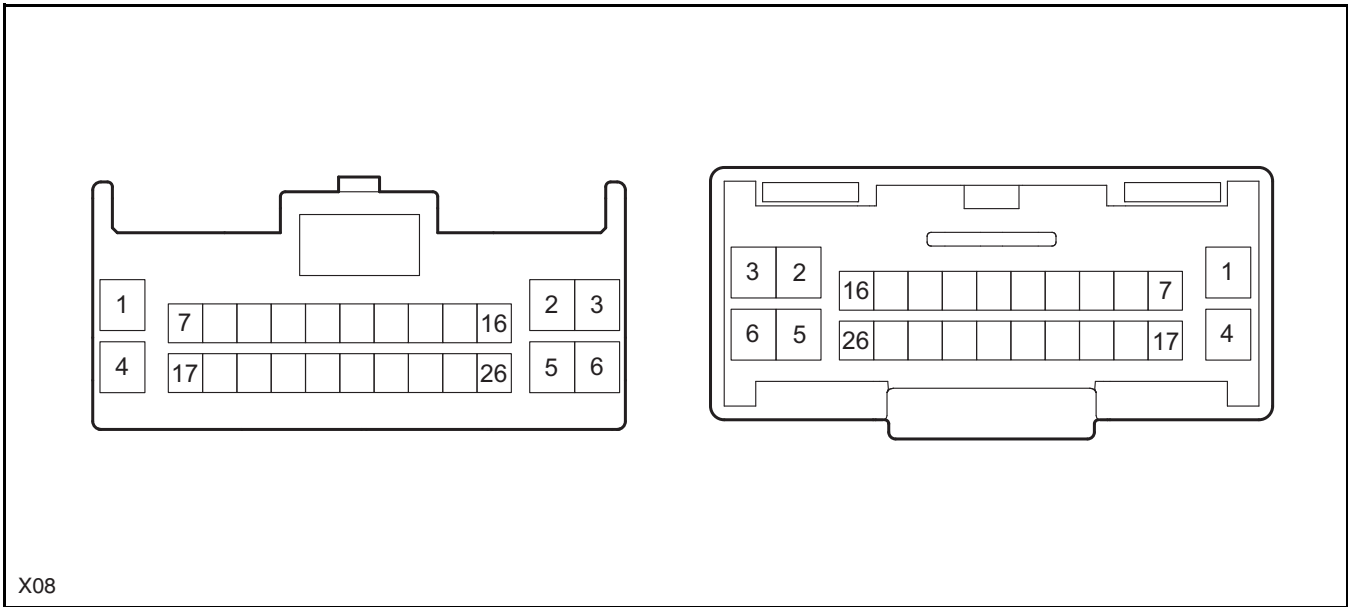
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



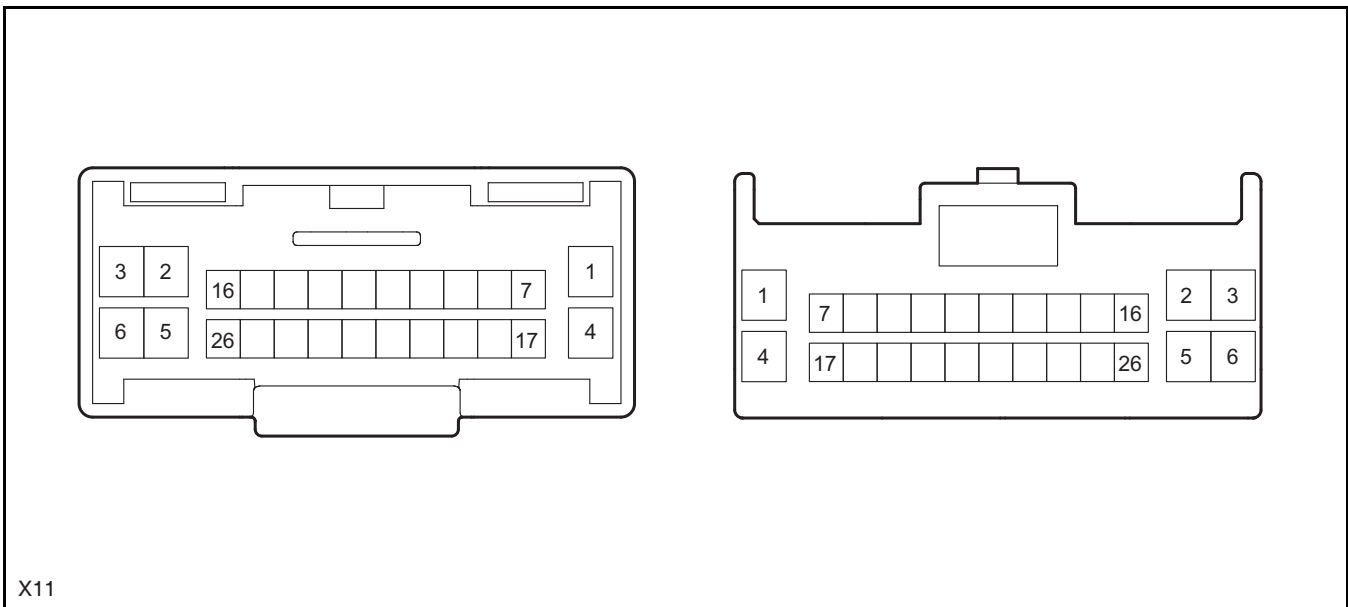
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 2



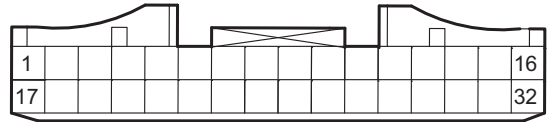
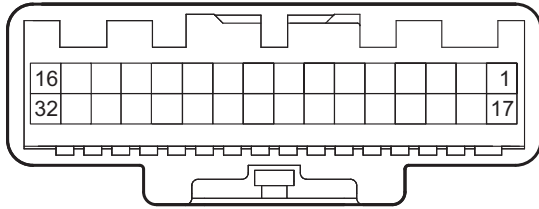
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Right

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Right



Chassis Wiring Harness to Instrument Panel Wiring Harness - Right 1

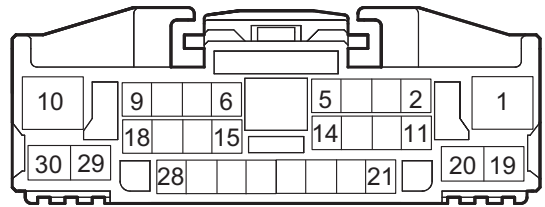
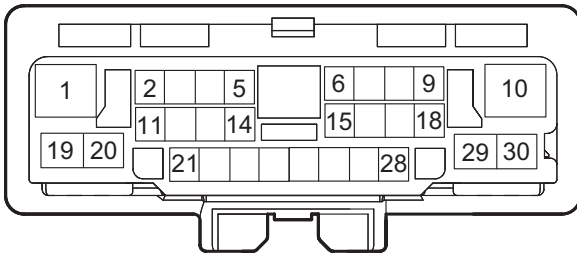
Instrument Panel Wiring Harness to Chassis Wiring Harness - Right 1



X21

Roof Wiring Harness to Instrument Panel Wiring Harness

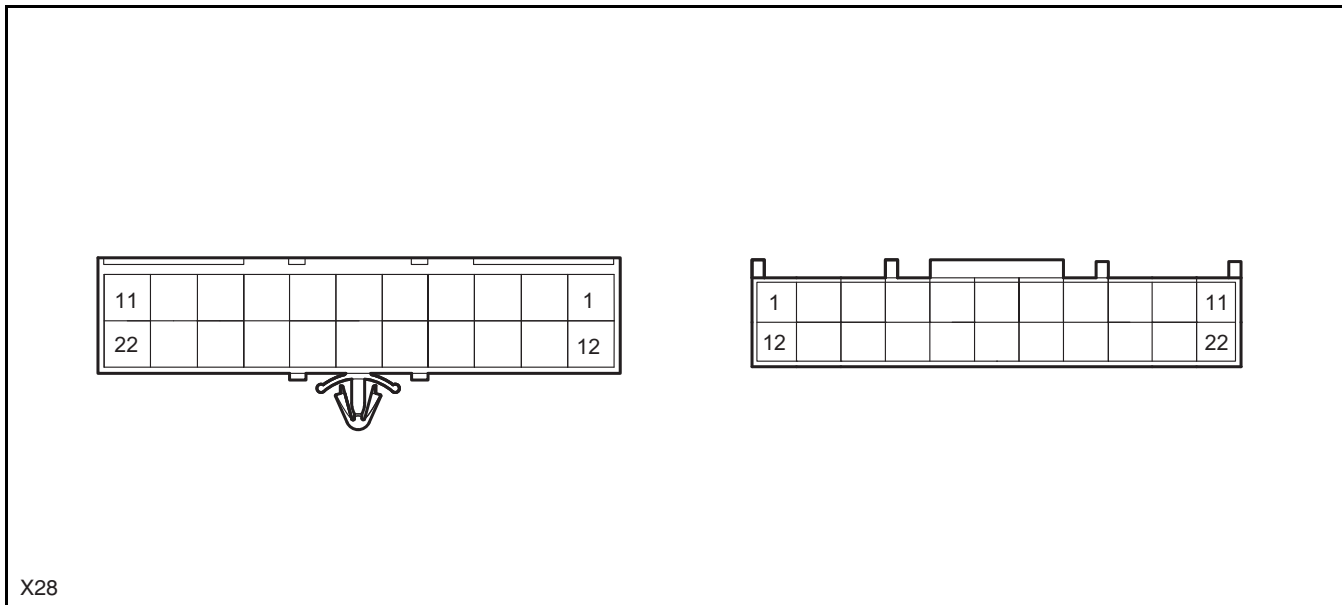
Instrument Panel Wiring Harness to Roof Wiring Harness



X23

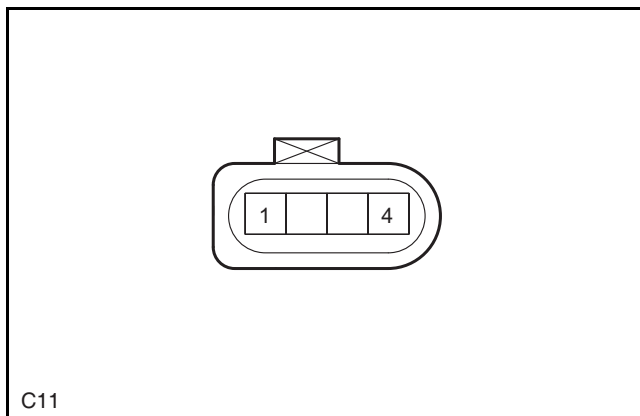
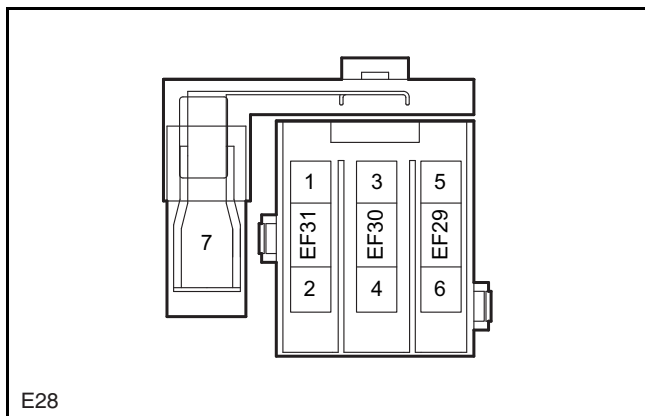
Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness



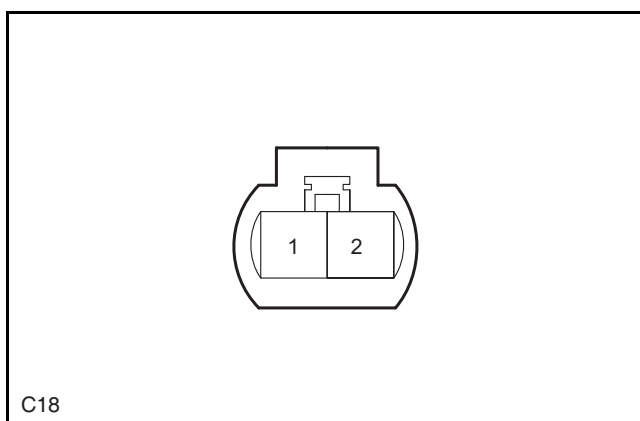
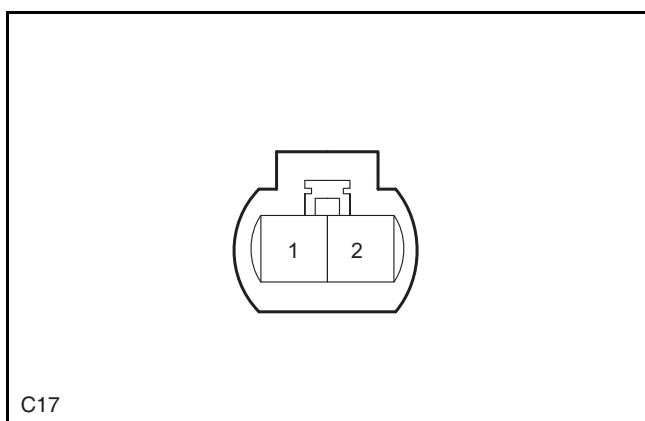
Battery Positive Fuse Box

Front Wiper Motor

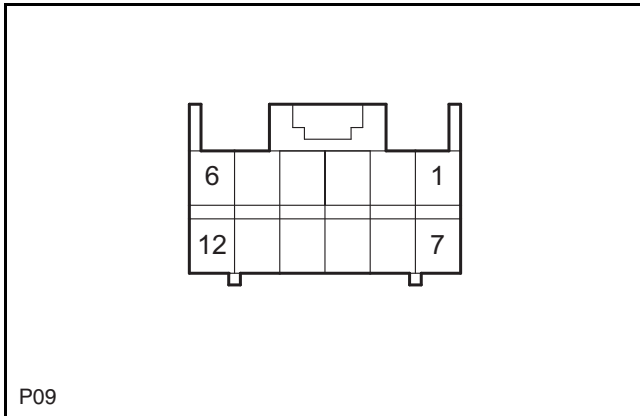


Rear Washer Motor

Front Washer Motor

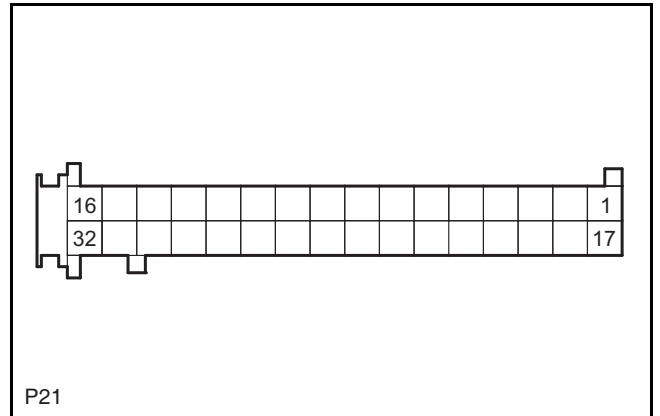


Wiper Combination Switch

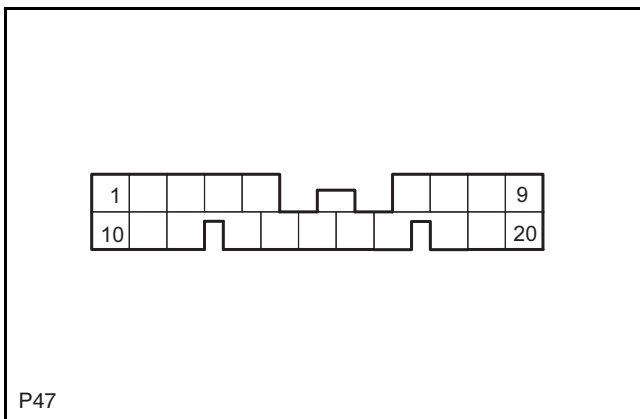


BCM-B

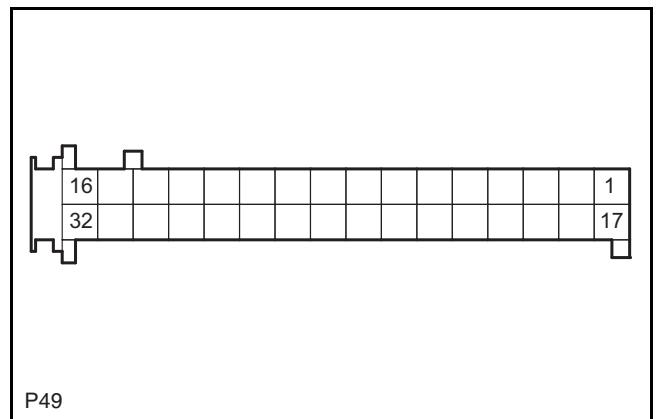
BCM-C



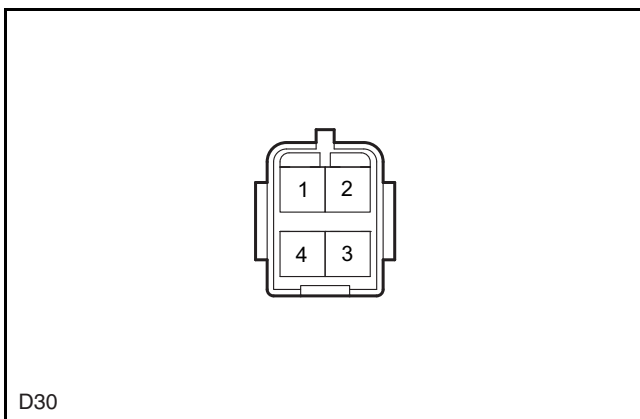
BCM-D



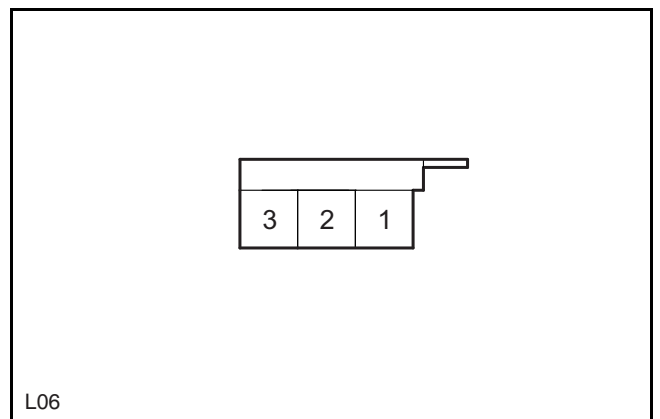
Rear Wiper Motor



Rain Sensor

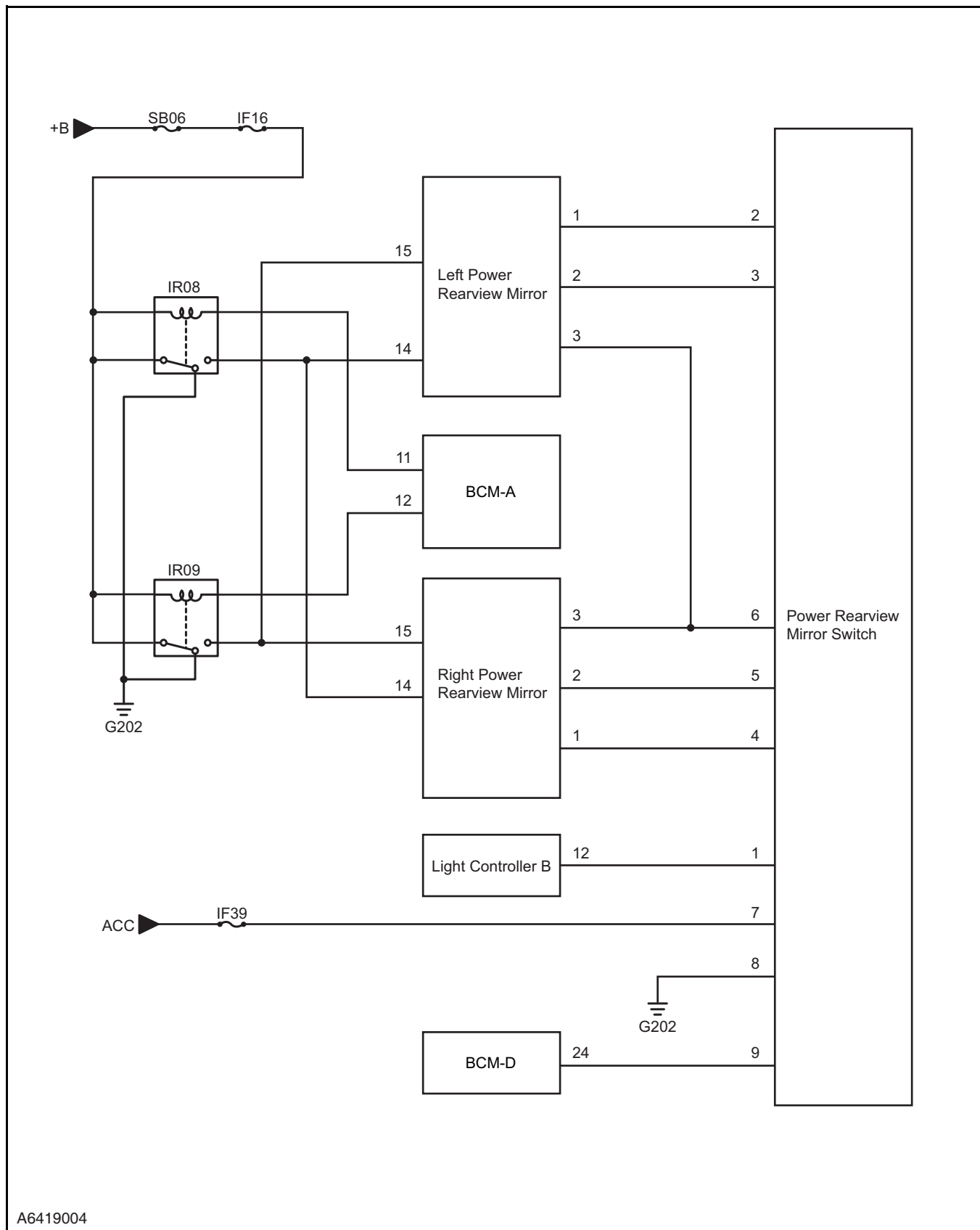


D30



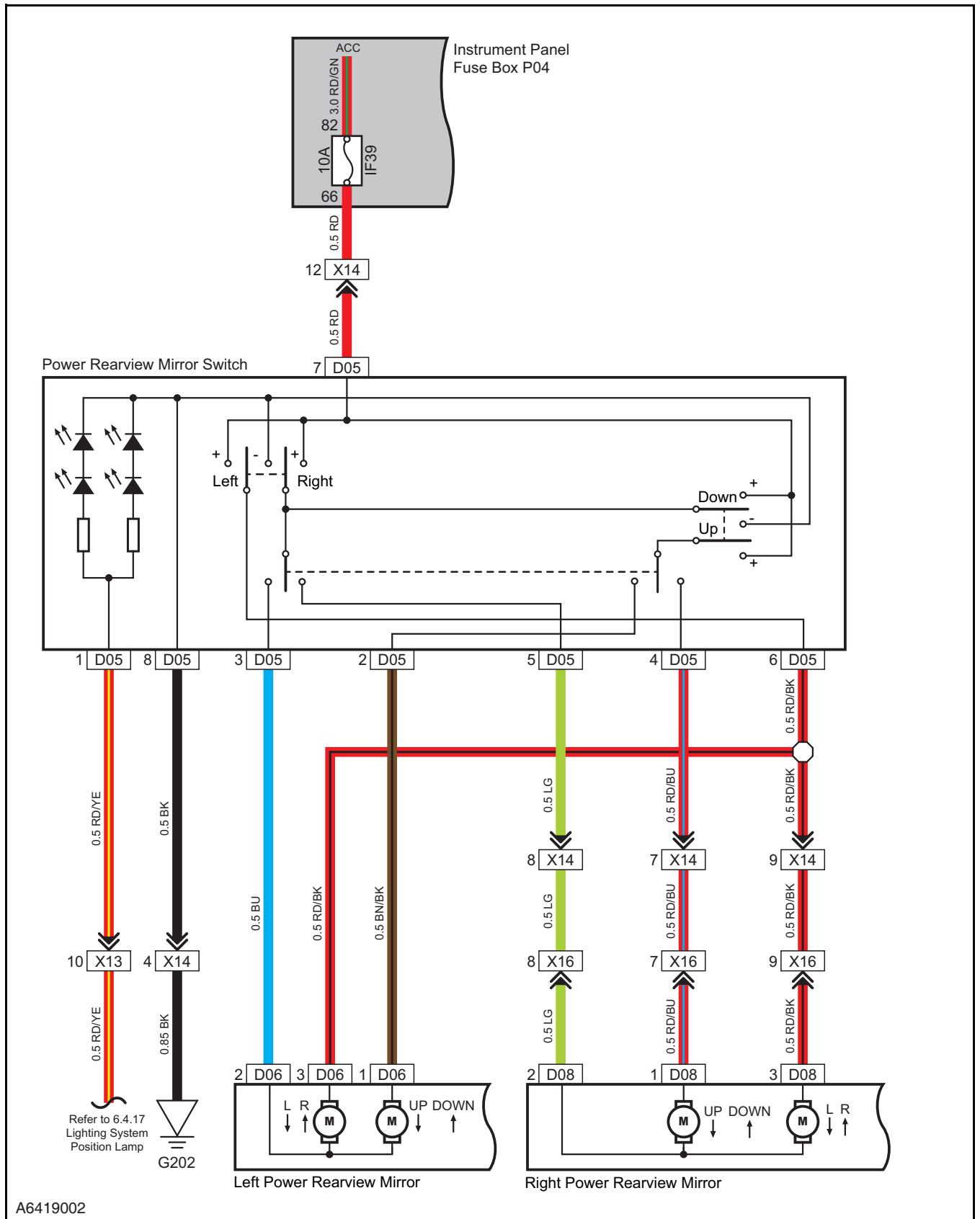
L06

Power Rearview Mirror

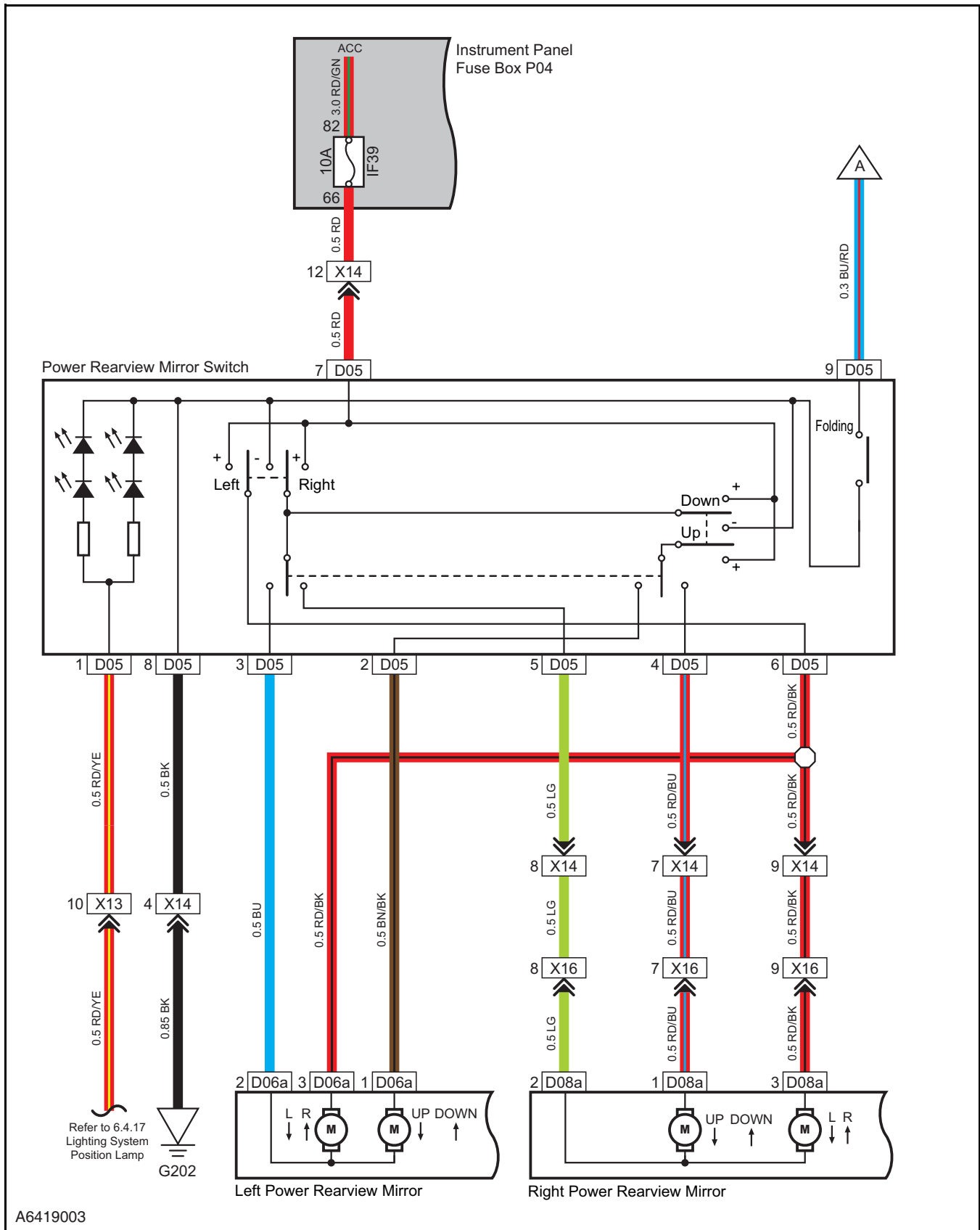


A6419004

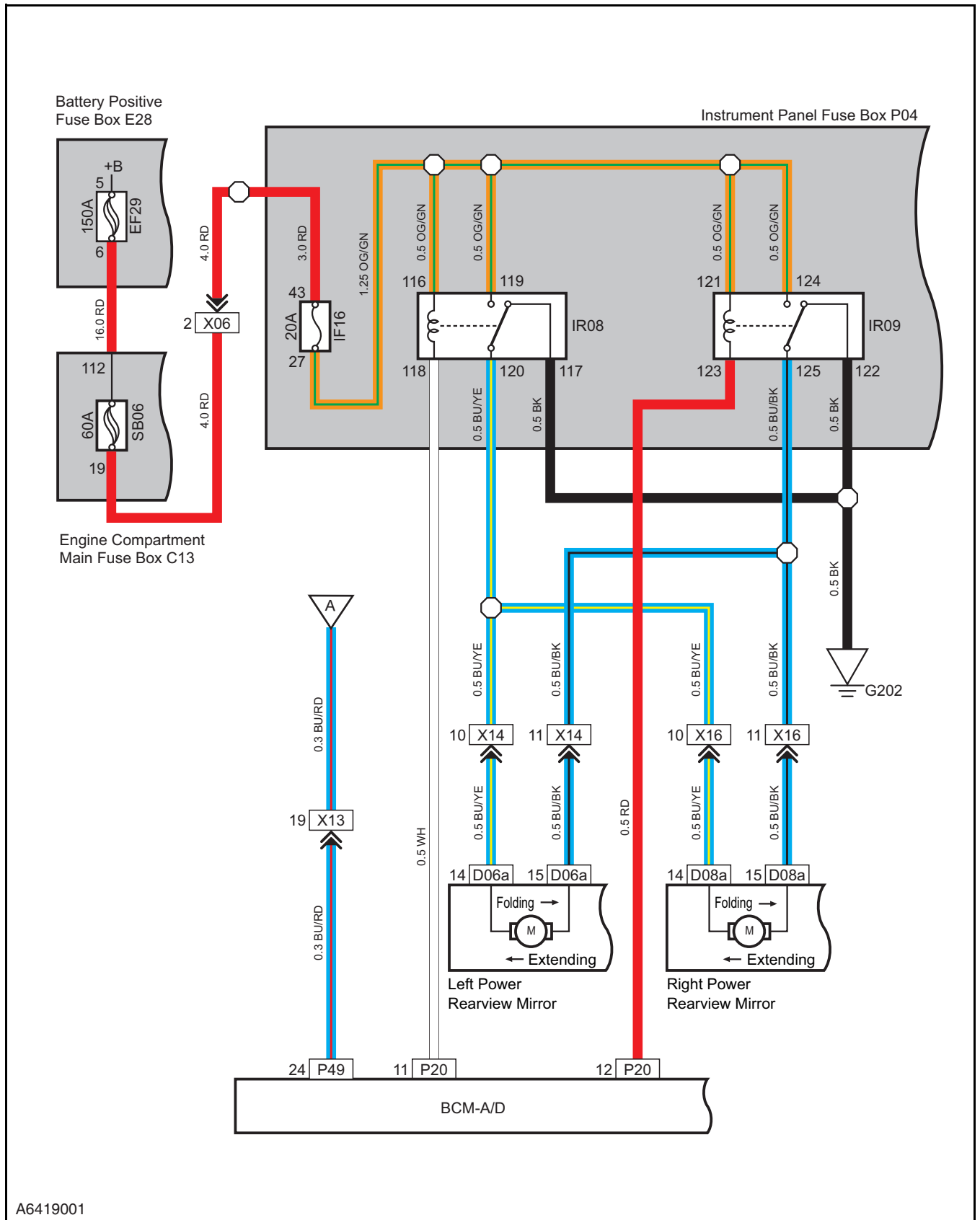
Power Rearview Mirror (for Level1, Level2, Level3 Models)



Power Rearview Mirror (for Level4 Model)

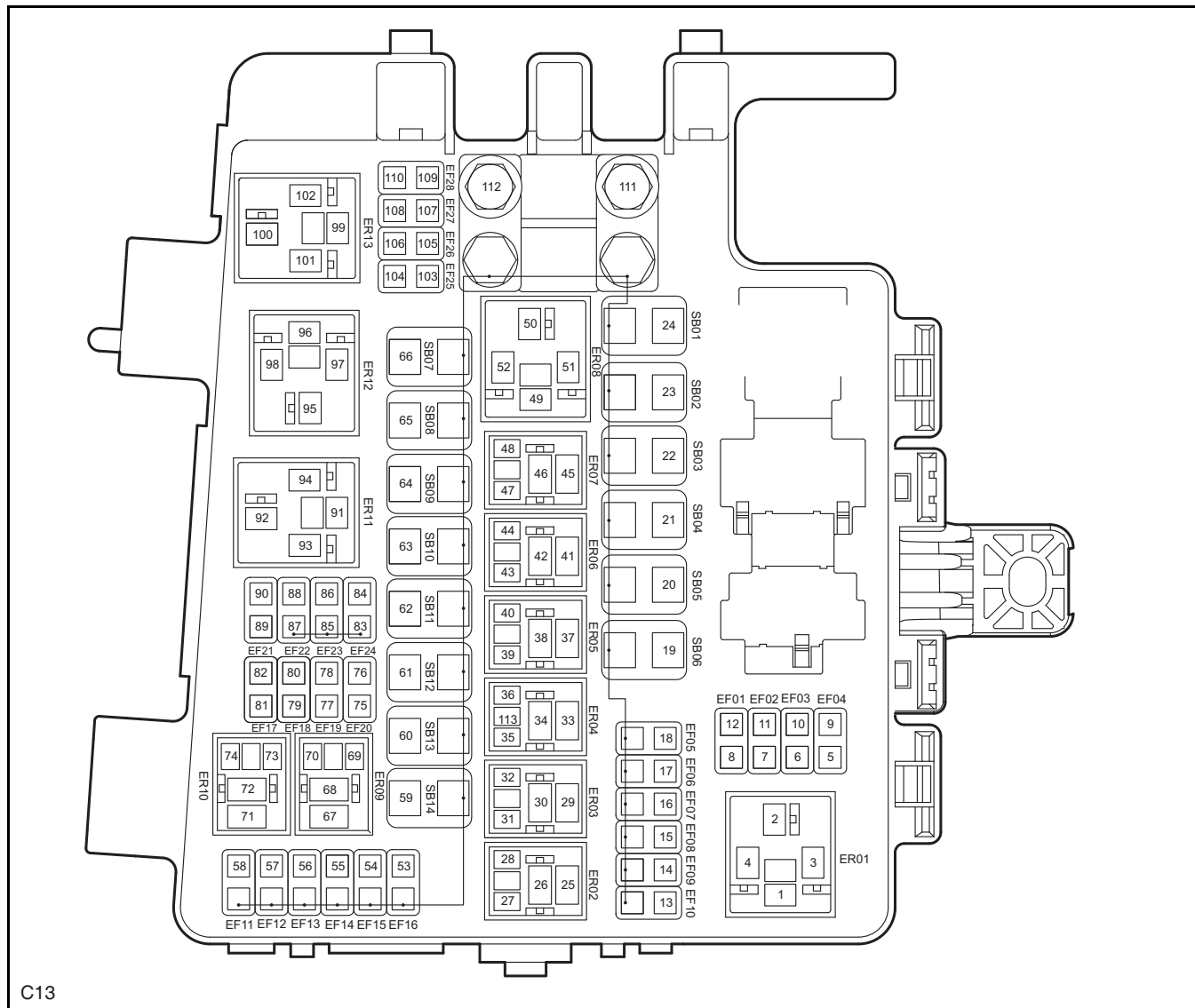


Rearview Mirror Folding (for Level4 Model)



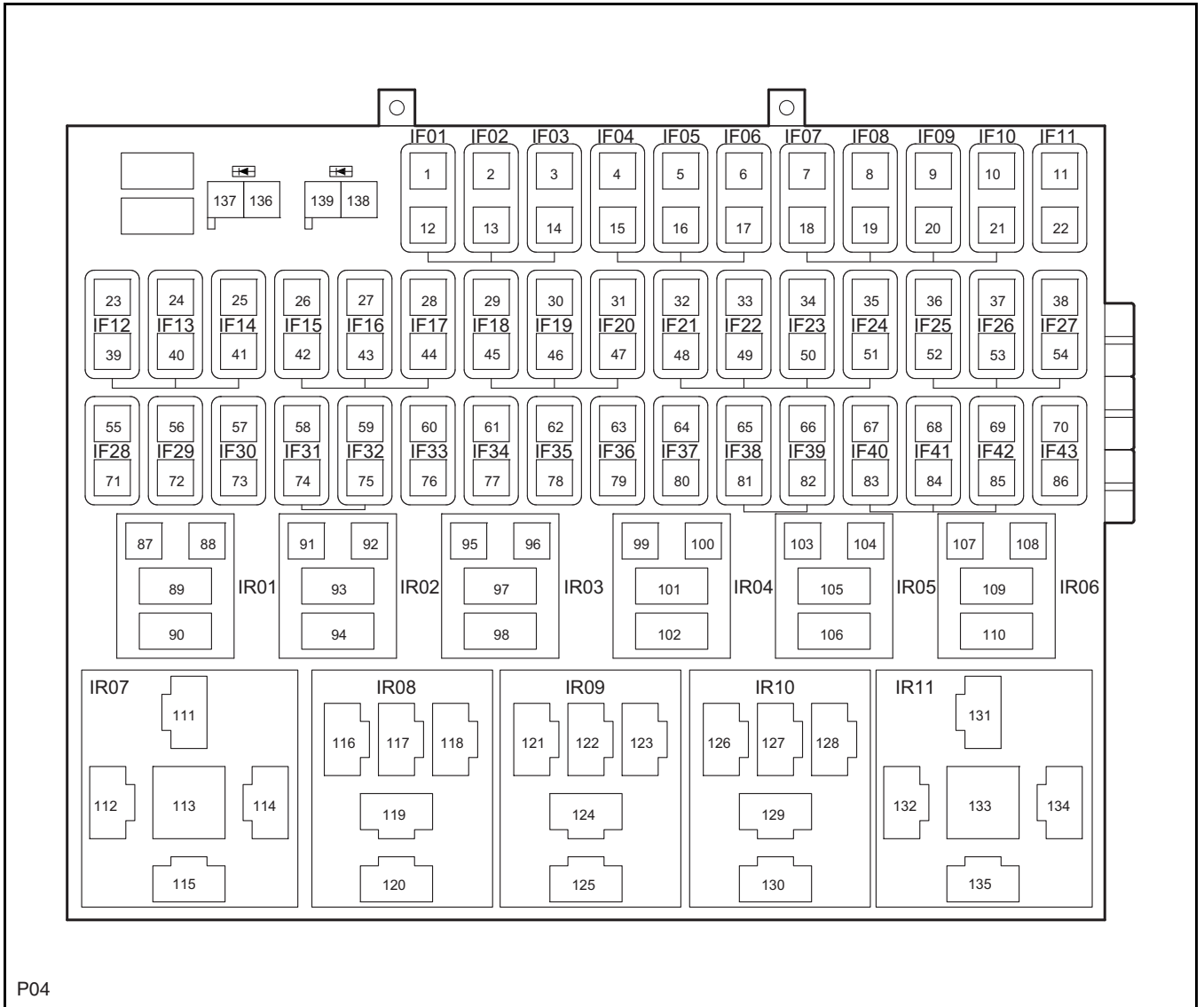
A6419001

Engine Compartment Main Fuse Box



C13

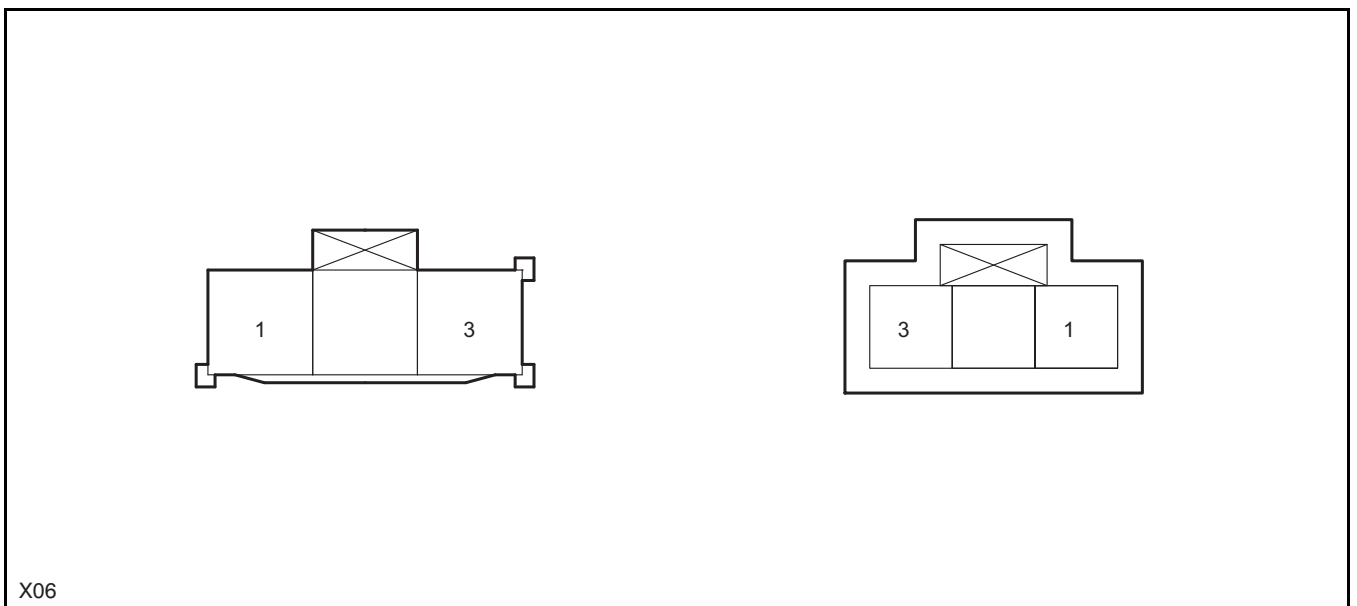
Instrument Panel Fuse Box



P04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

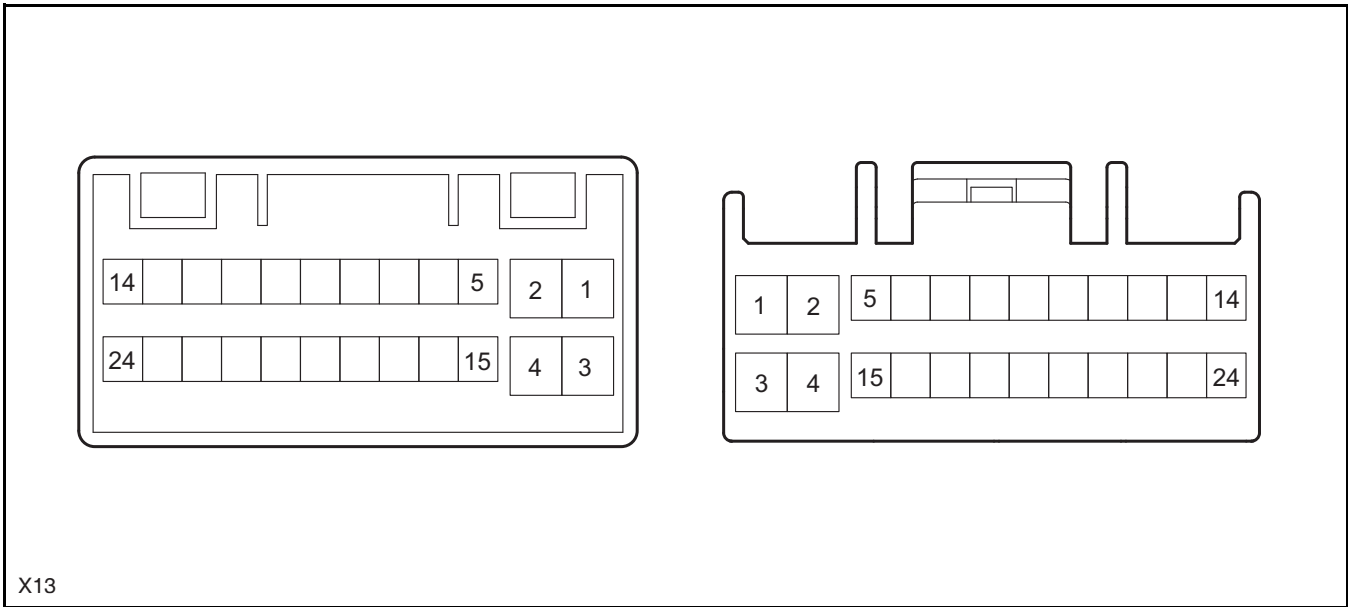
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



X06

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

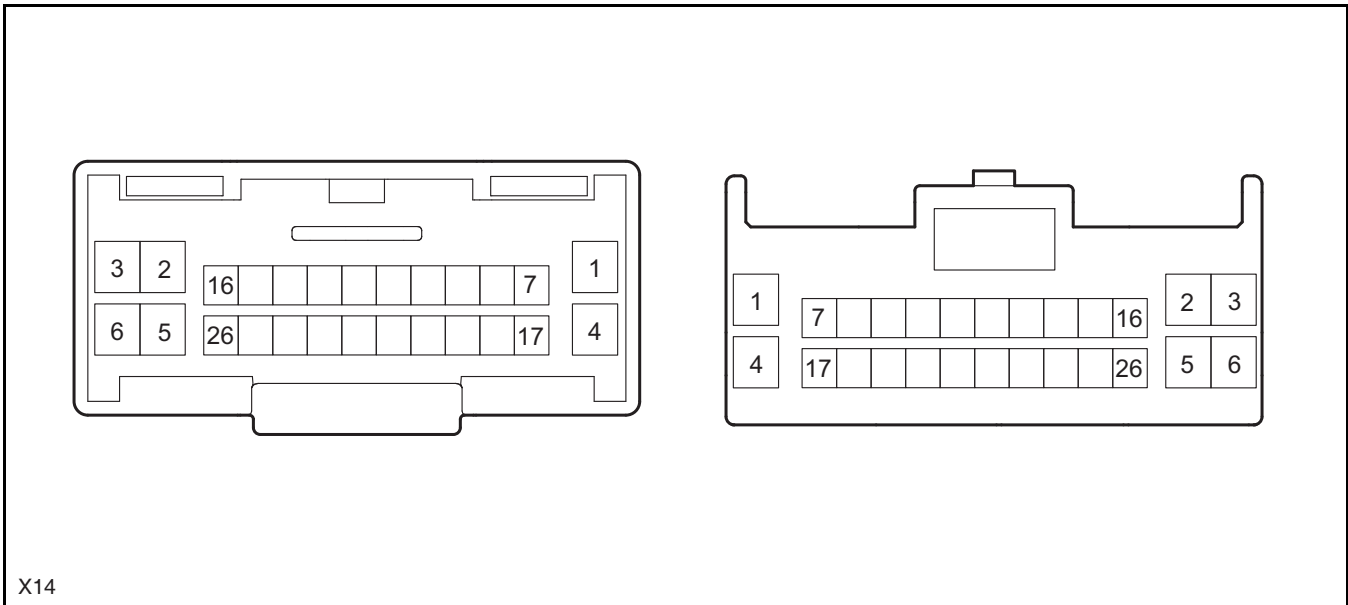
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X13

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

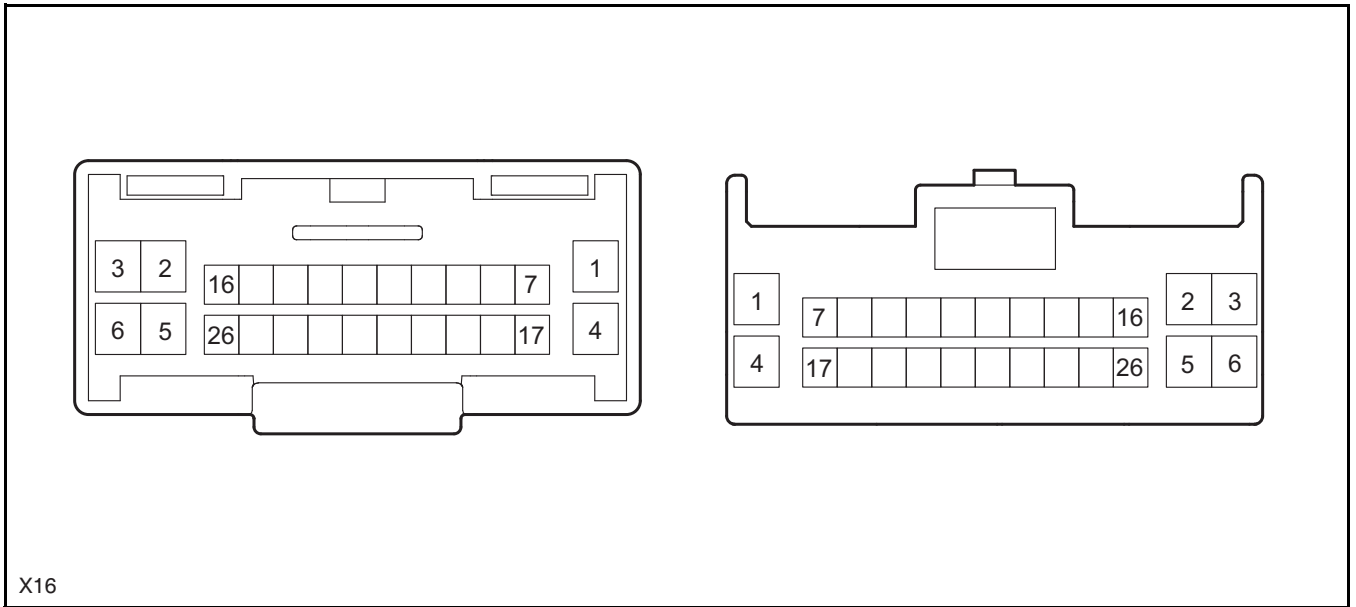
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

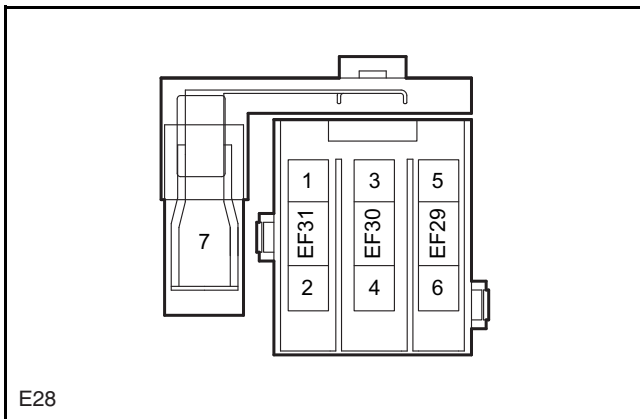
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2

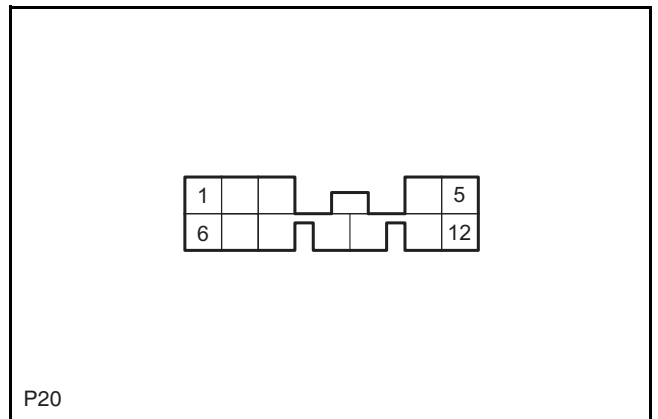


Battery Positive Fuse Box

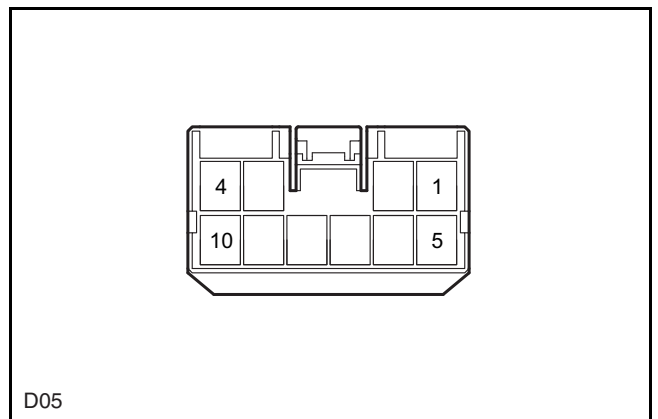
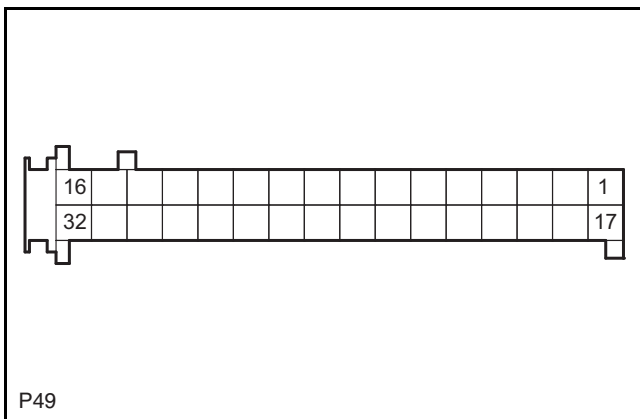
BCM-A



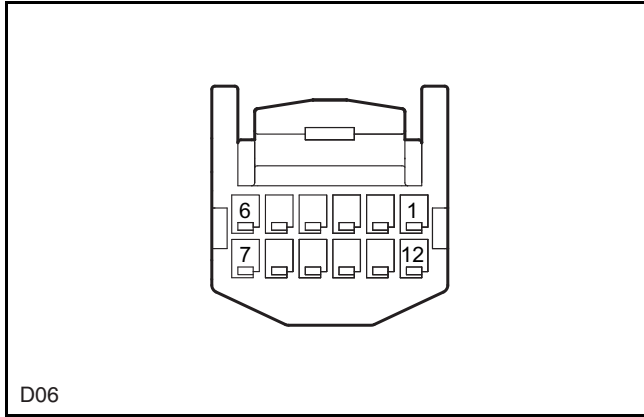
BCM-D



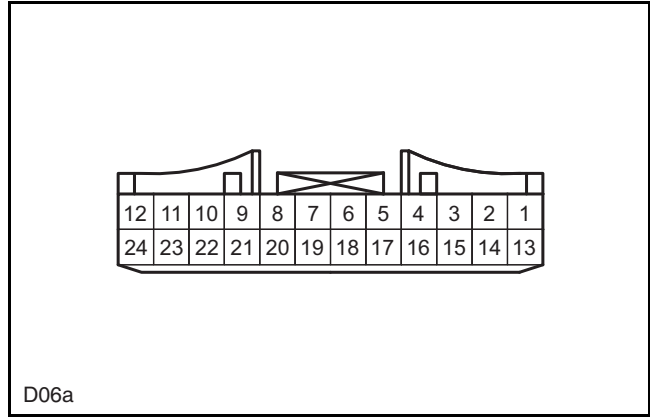
Power Rearview Mirror Switch



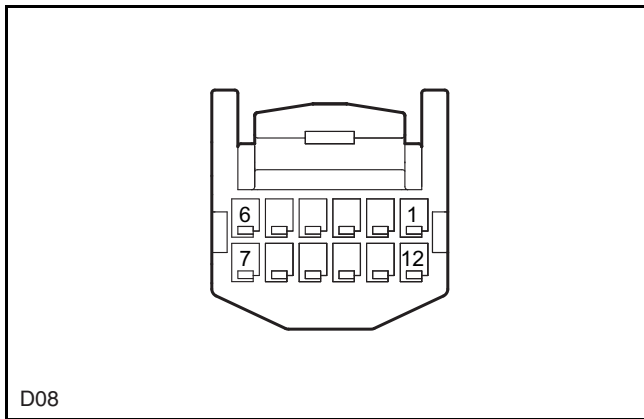
Left Power Rearview Mirror



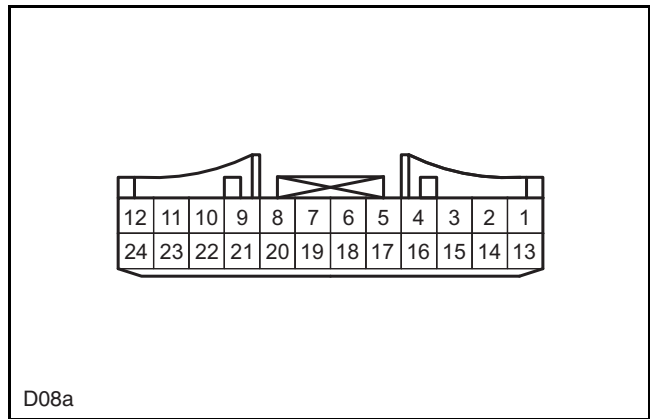
Left Power Rearview Mirror



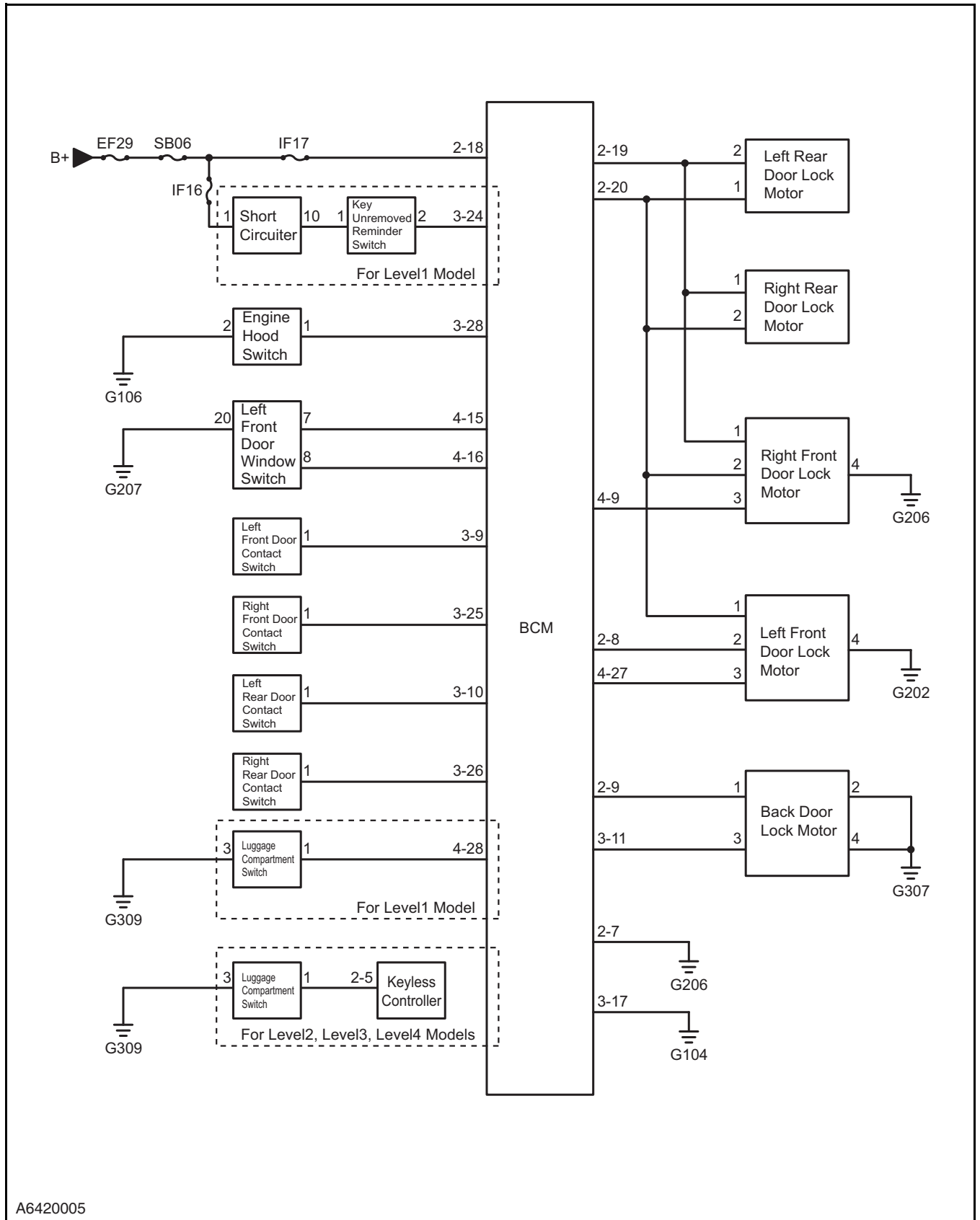
Right Power Rearview Mirror



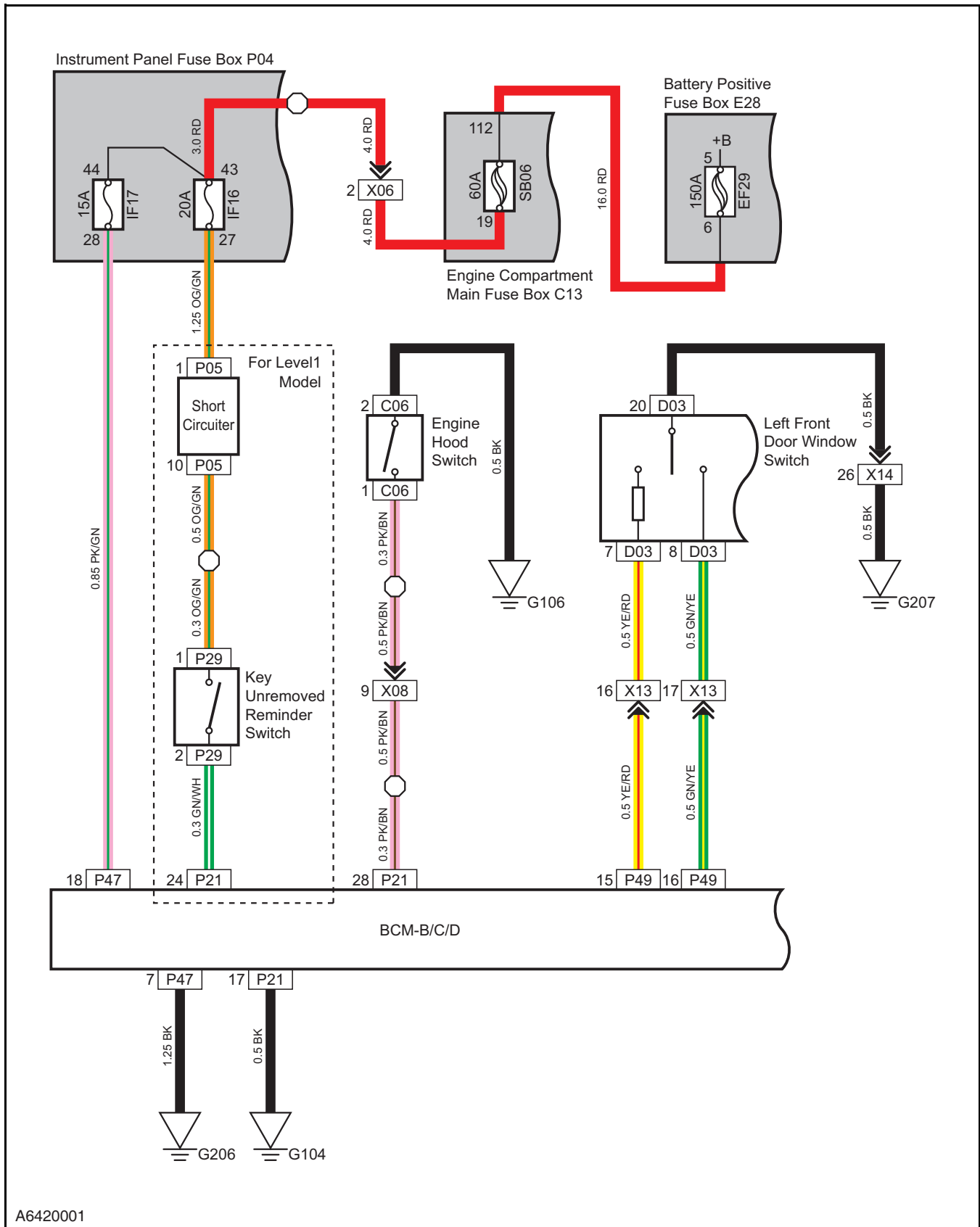
Right Power Rearview Mirror



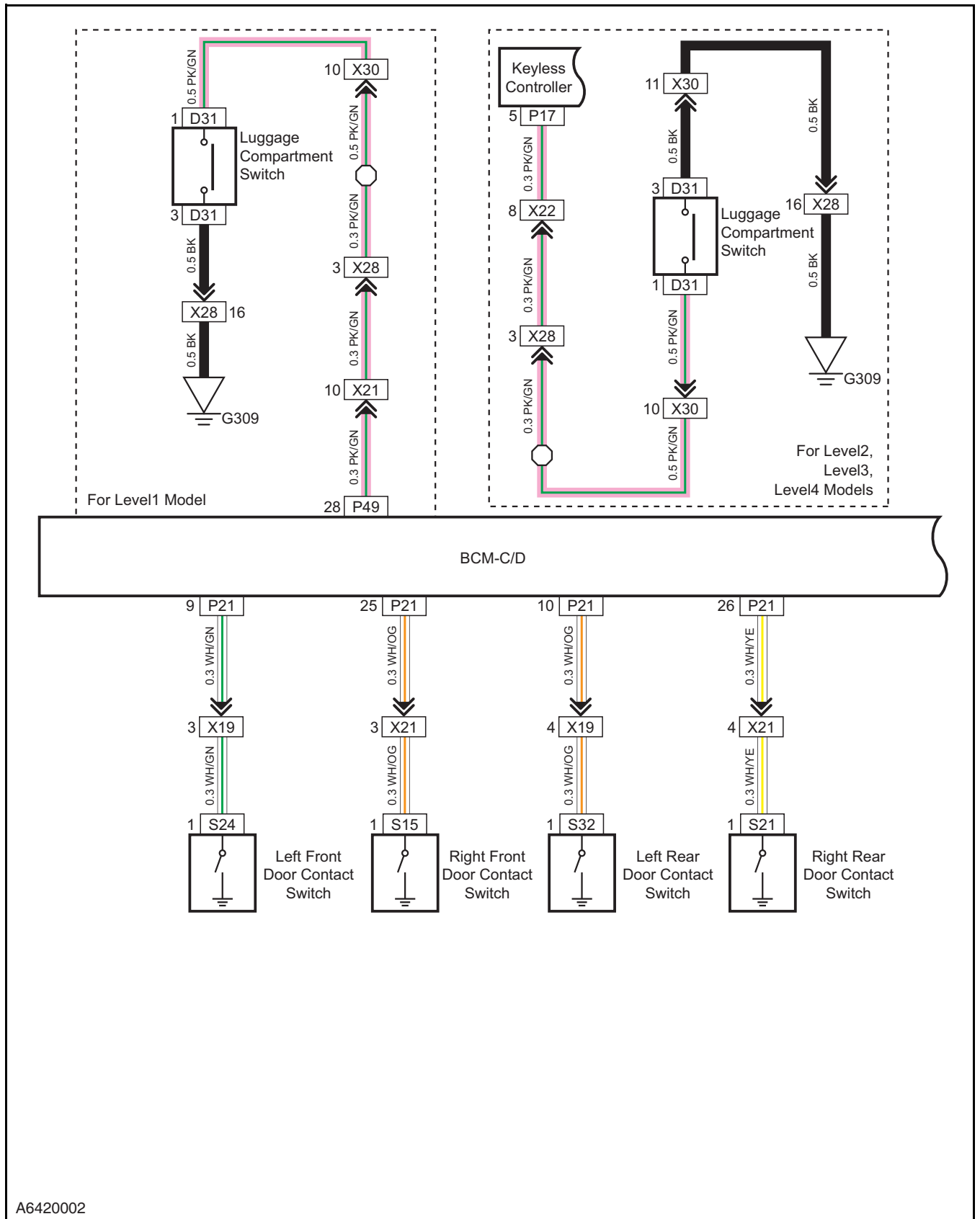
Central Door Lock and Body Theft Deterrent System



Power Supply and Switch Signal

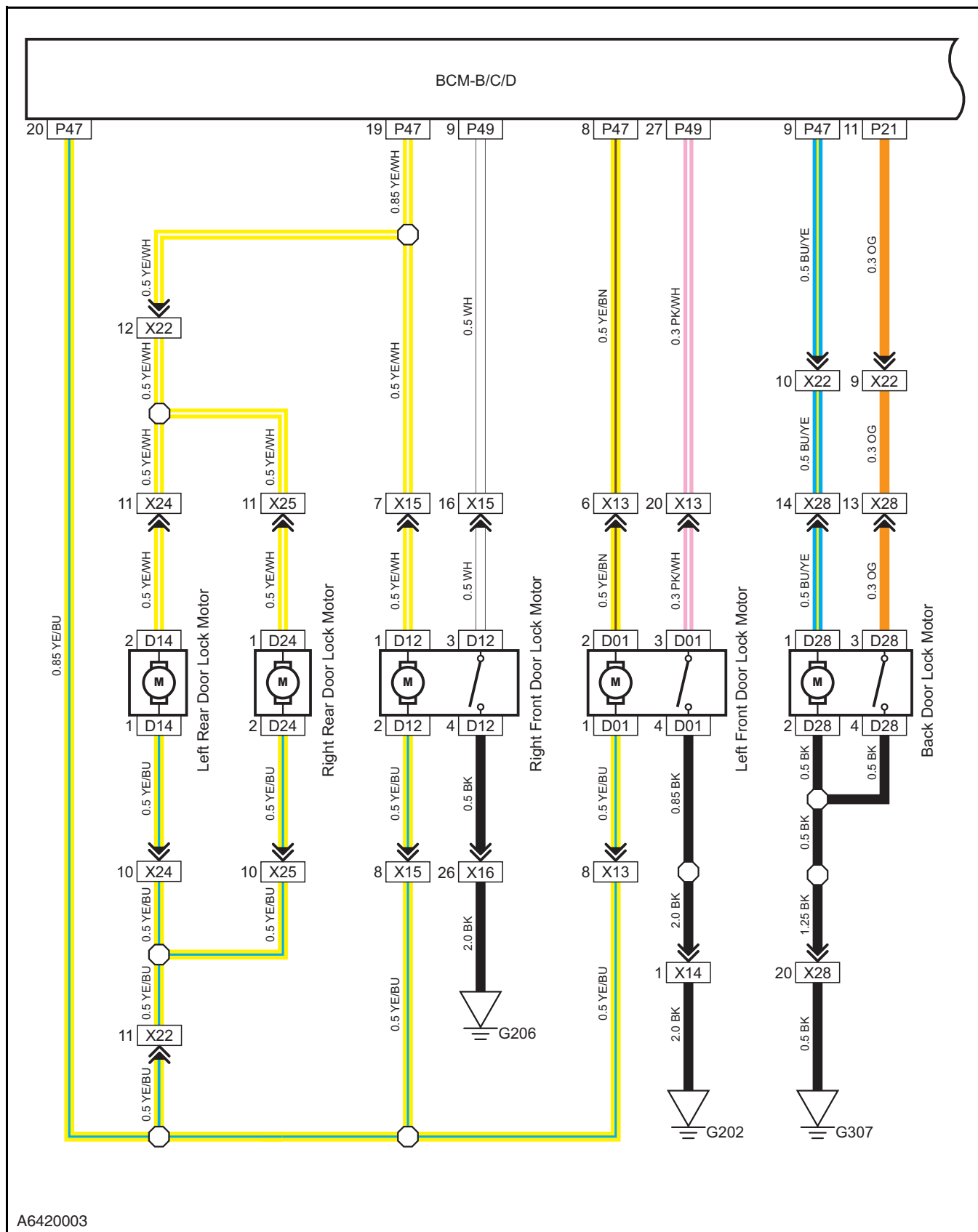


Switch Signal

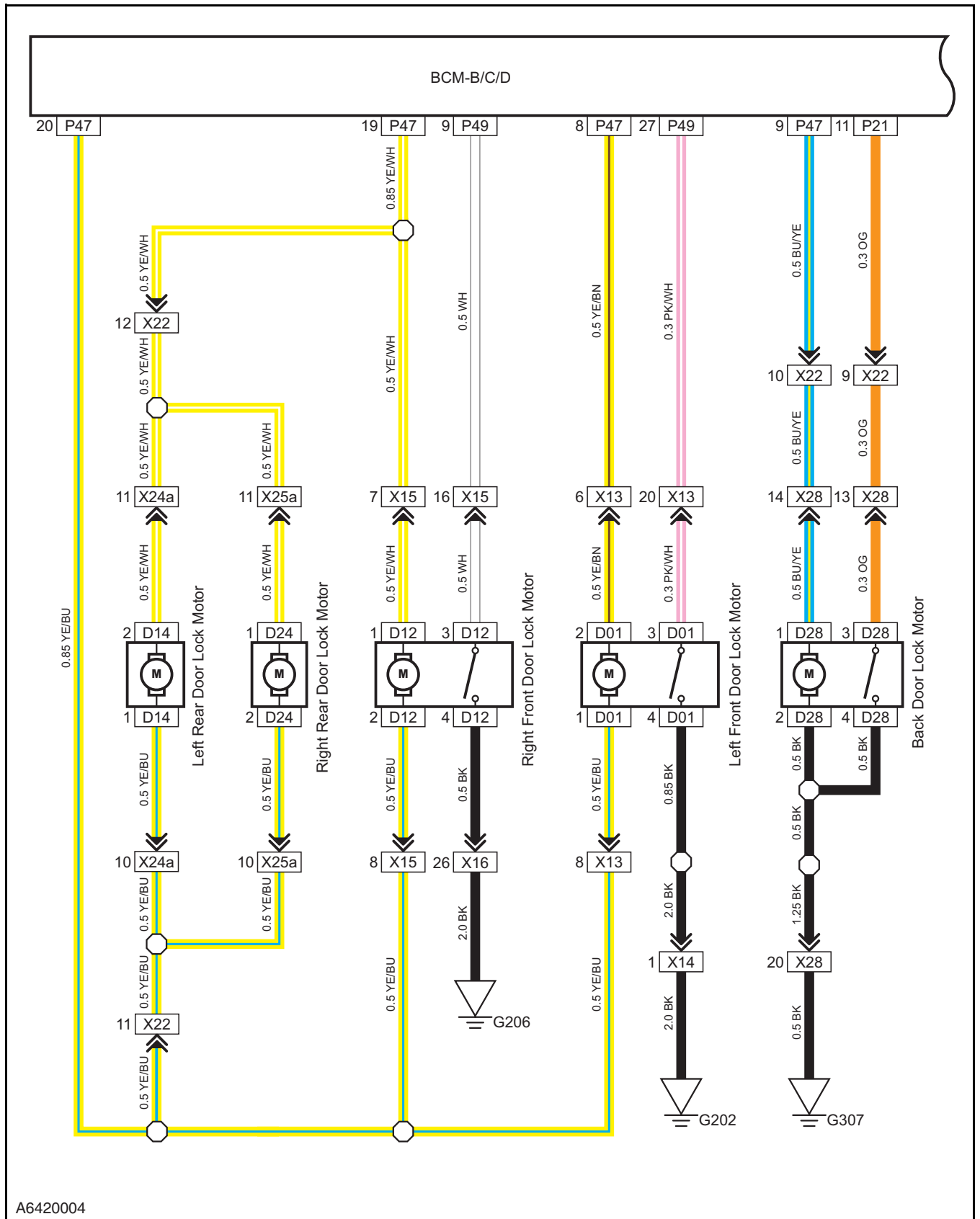


A6420002

Actuator (for Level1 Model)

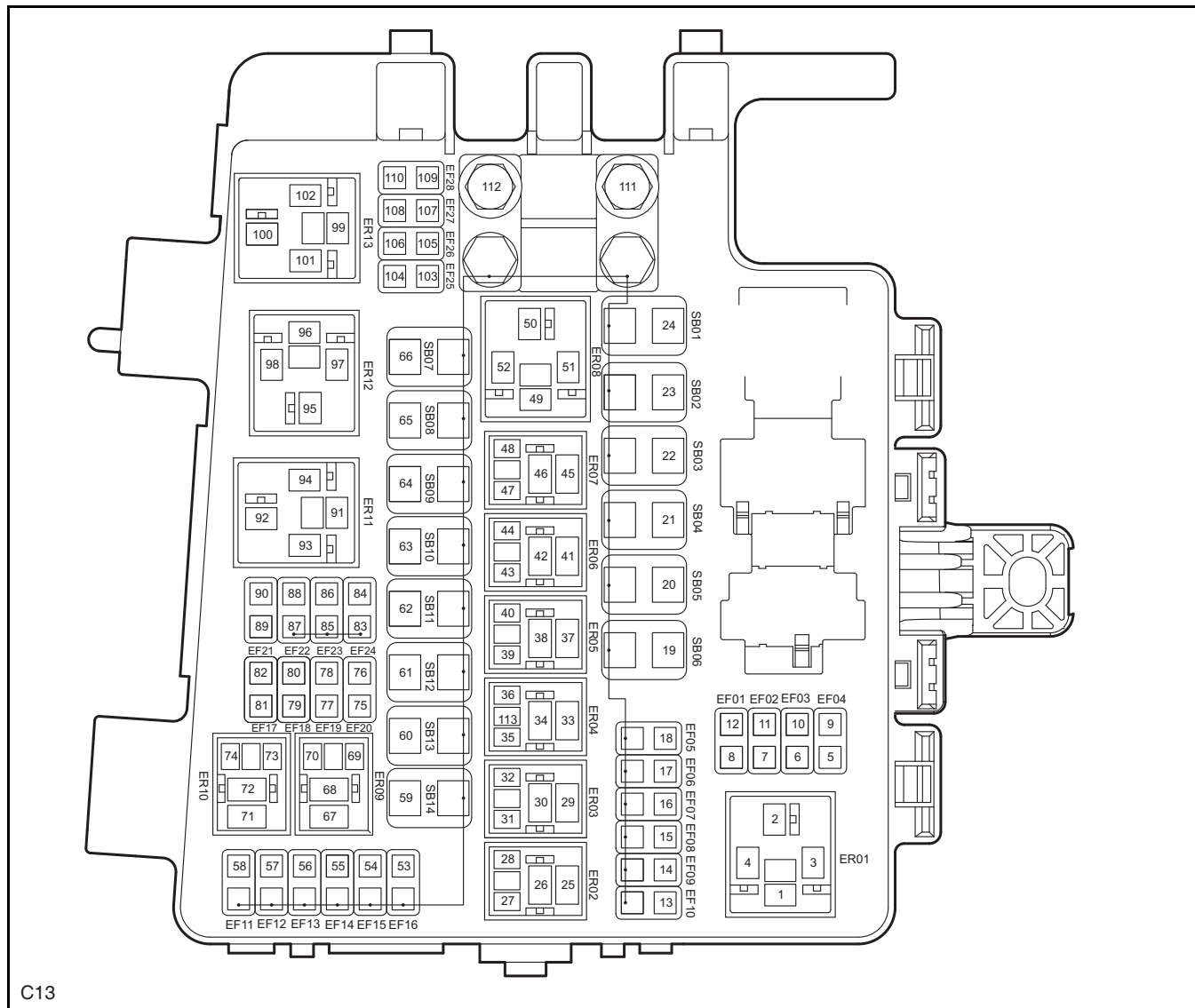


Actuator (for Level2, Level3, Level4 Models)

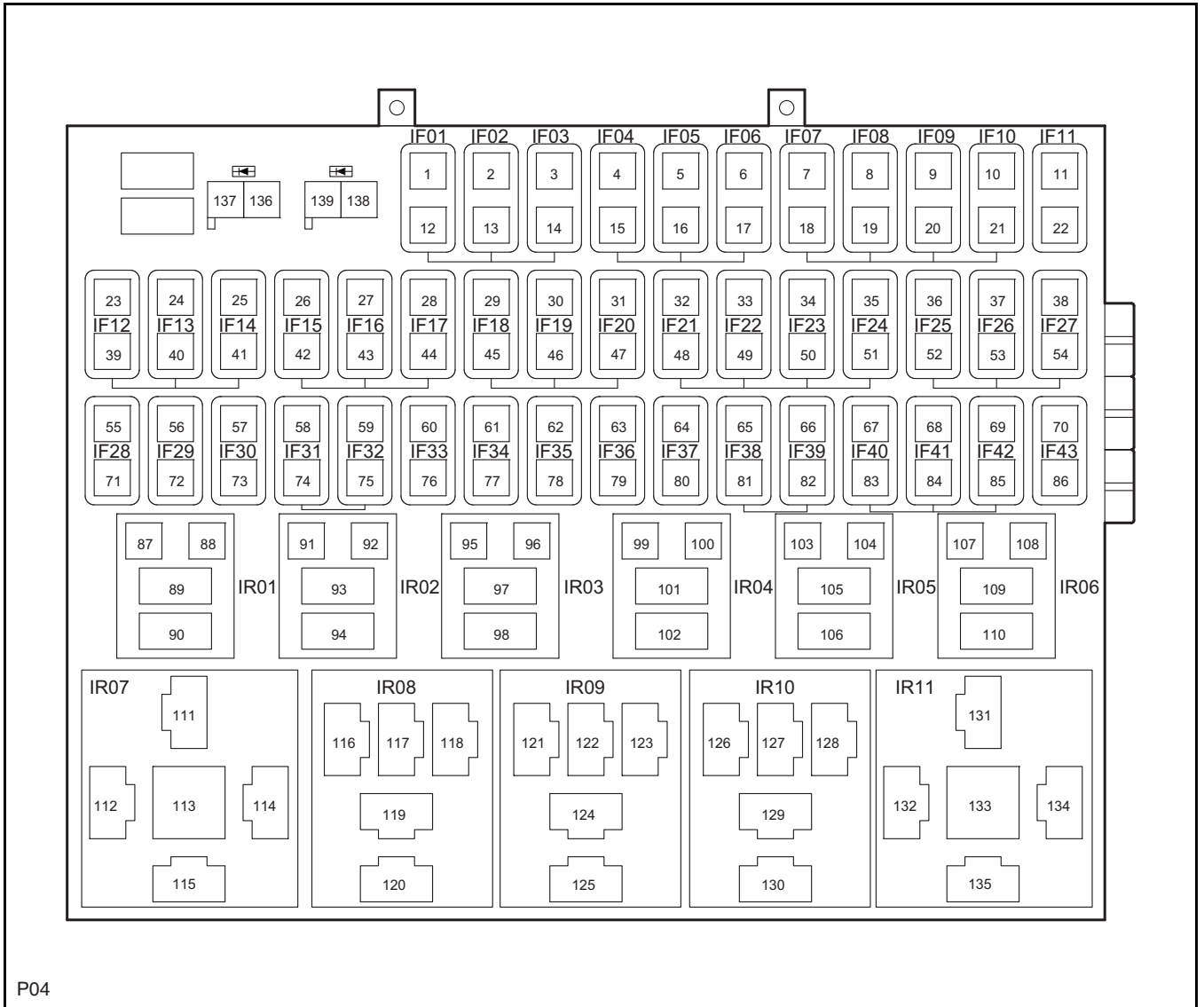


A6420004

Engine Compartment Main Fuse Box

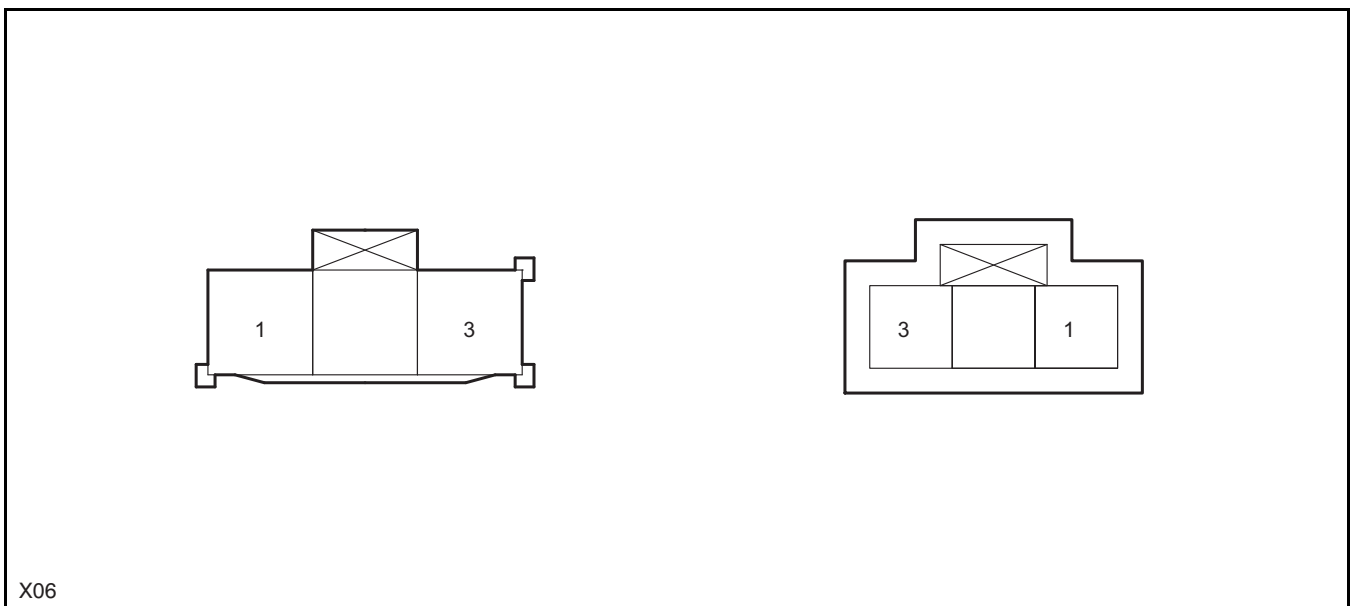


Instrument Panel Fuse Box



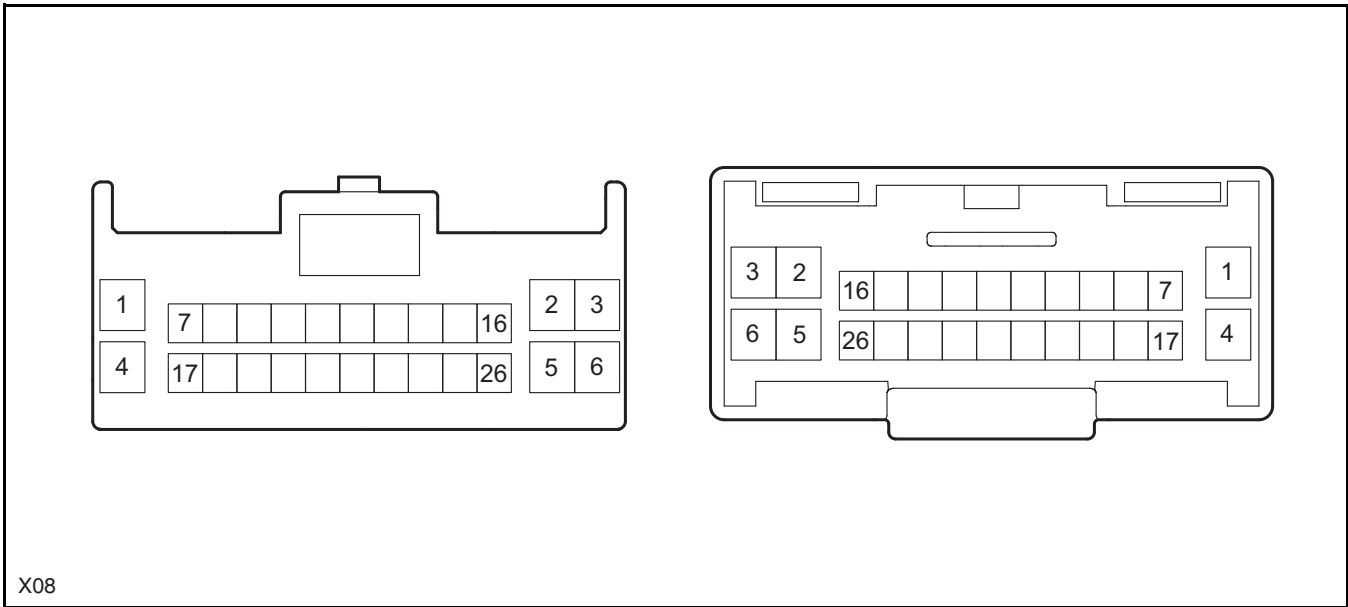
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



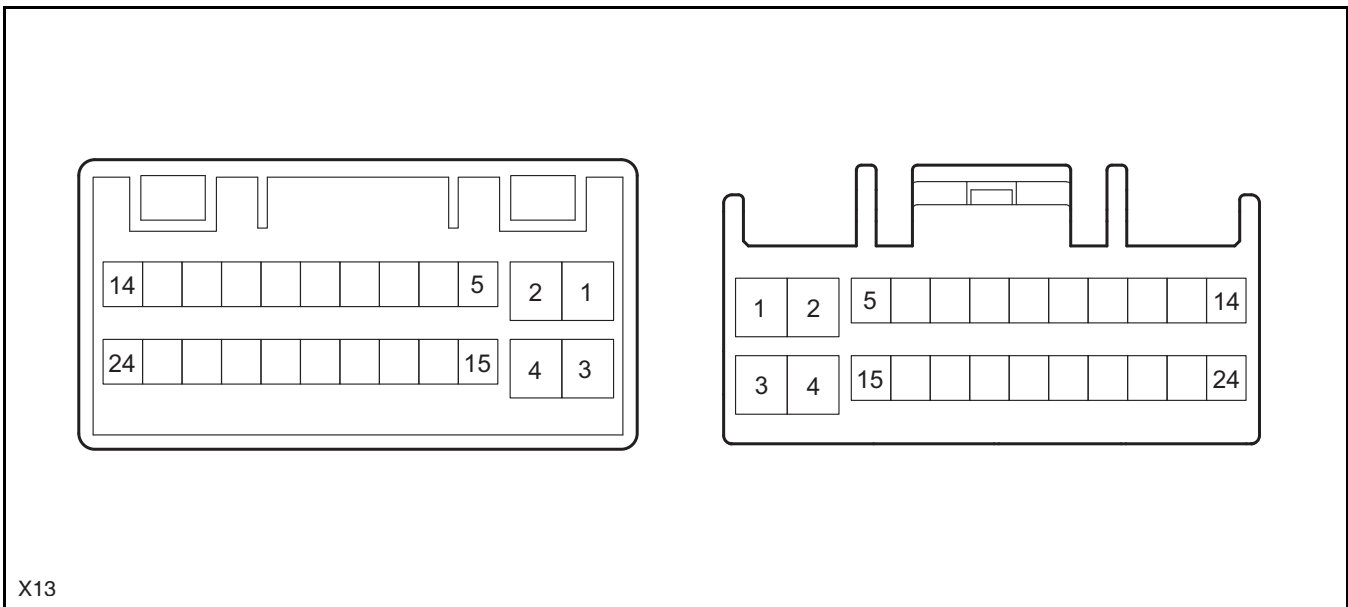
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 2



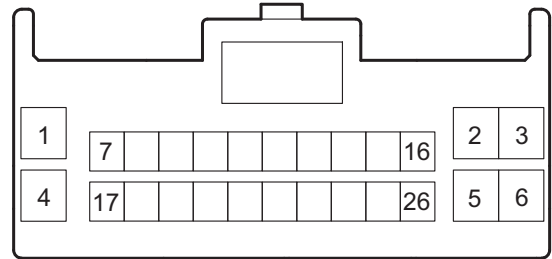
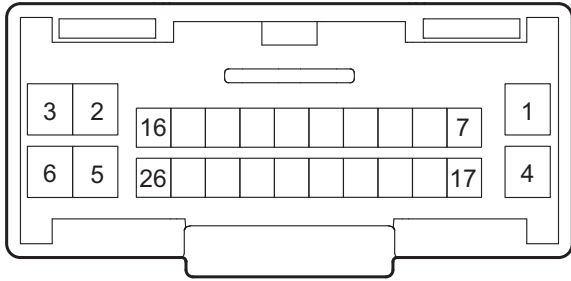
Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

Left Front Door Wiring Harness to Instrument
Panel Wiring Harness - 1



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

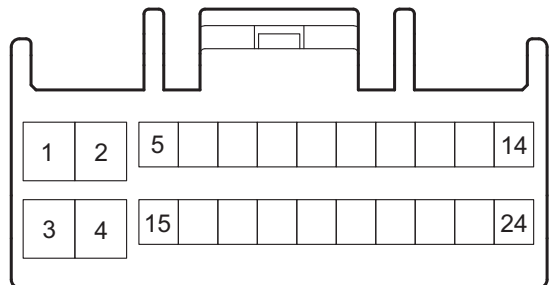
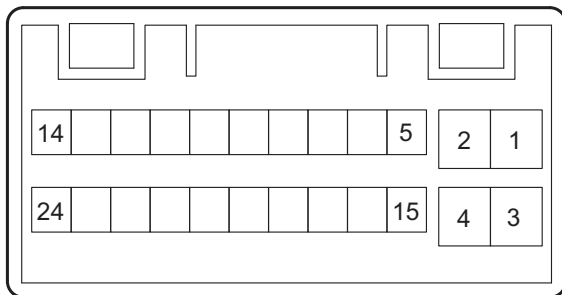
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1

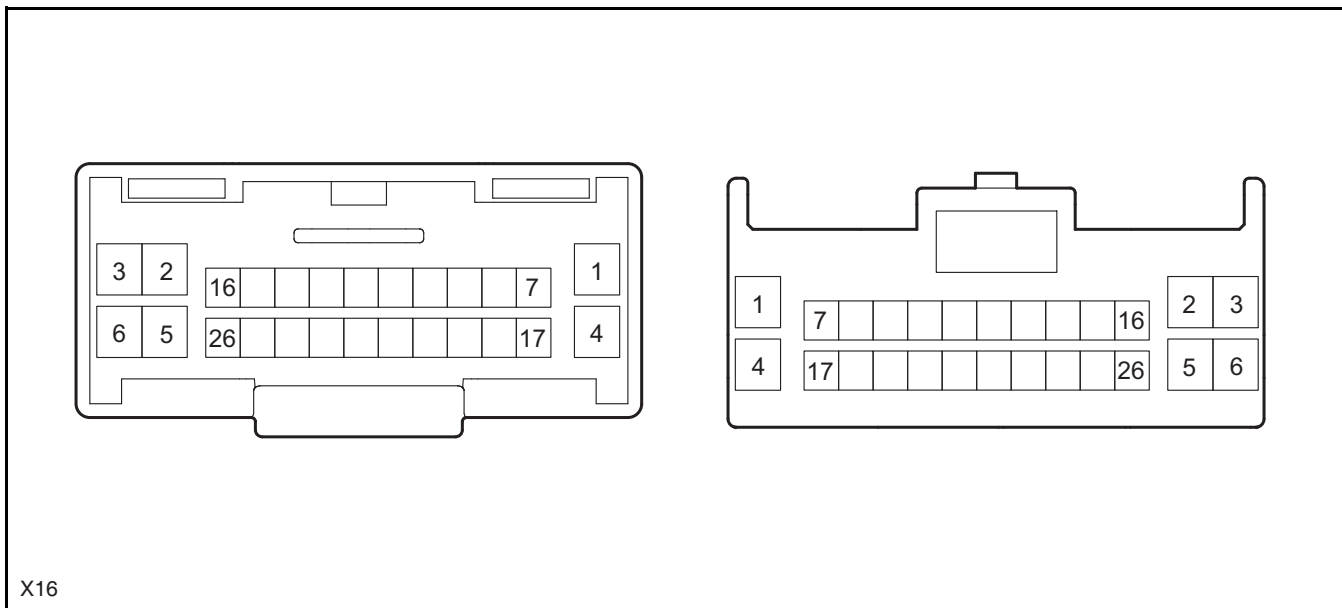


X15

6.4.20-10 Central Door Lock and Body Theft Deterrent System 6.4.20-10

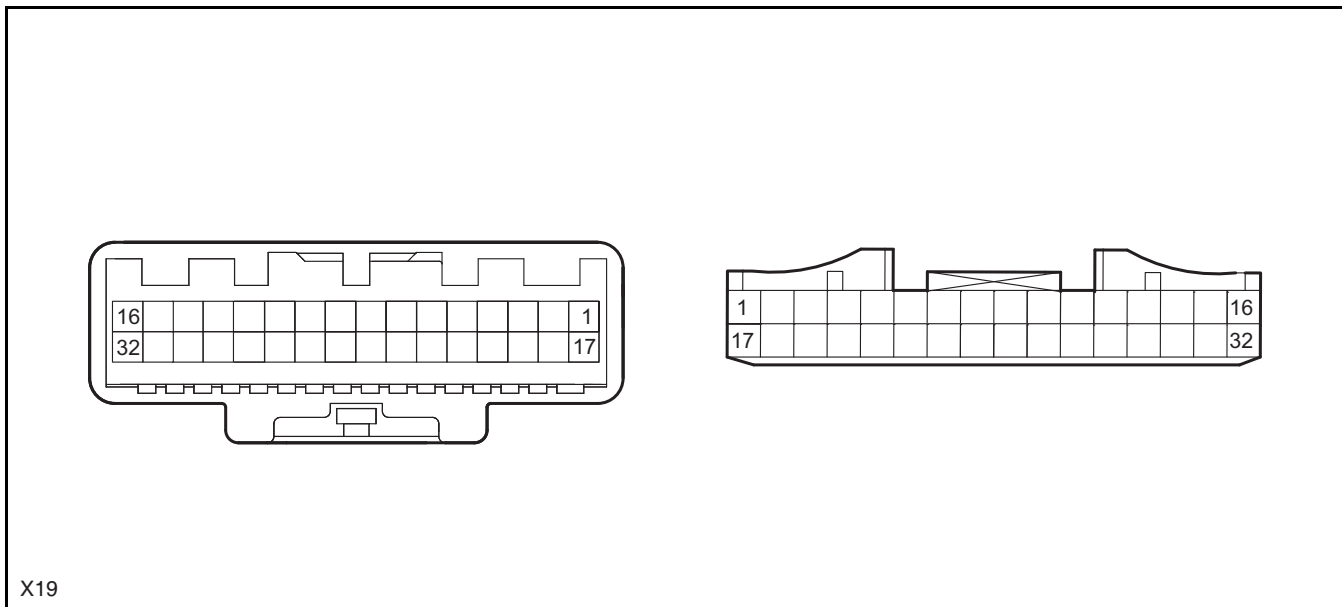
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

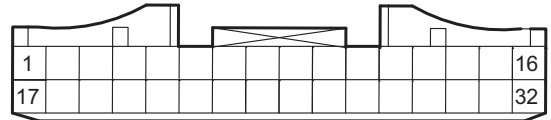
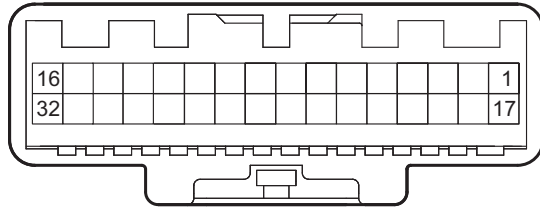
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



6.4.20-11 Central Door Lock and Body Theft Deterrent System 6.4.20-11

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 1

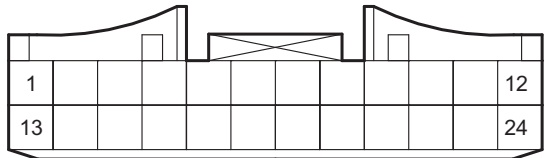
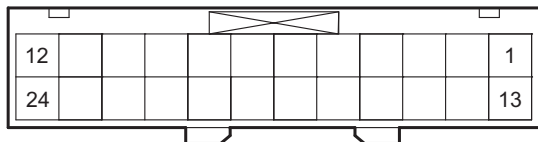
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 1



X21

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2

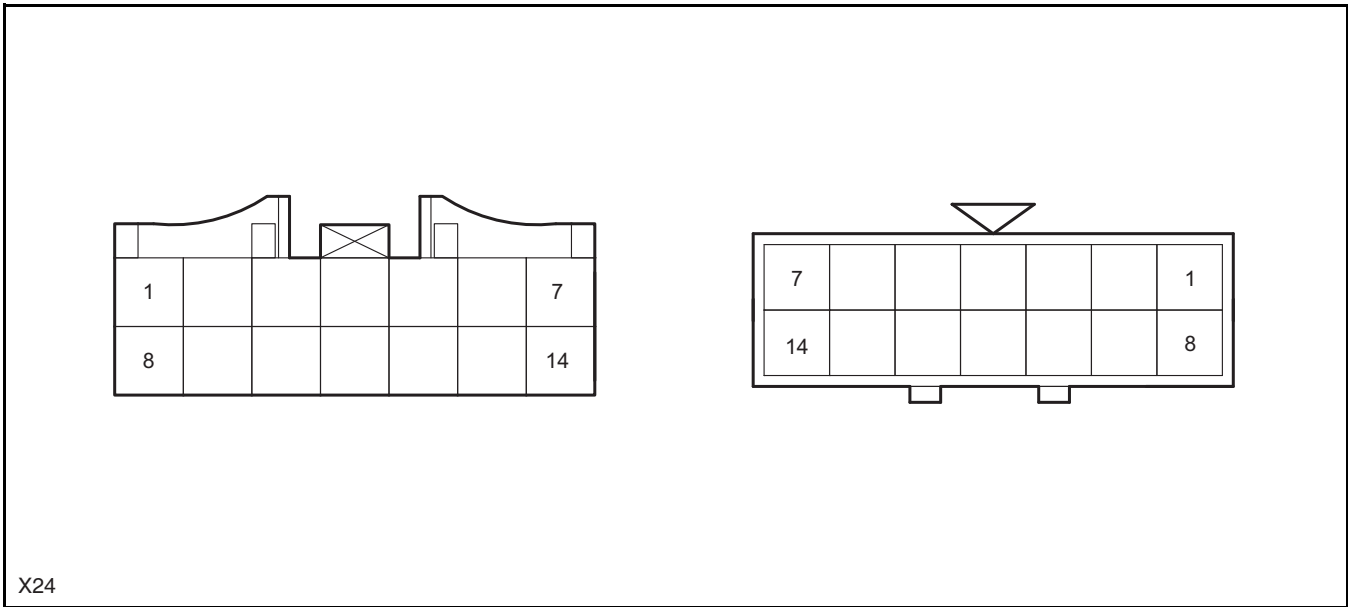


X22

6.4.20-12 Central Door Lock and Body Theft Deterrent System 6.4.20-12

Left Rear Door Wiring Harness to Chassis Wiring Harness

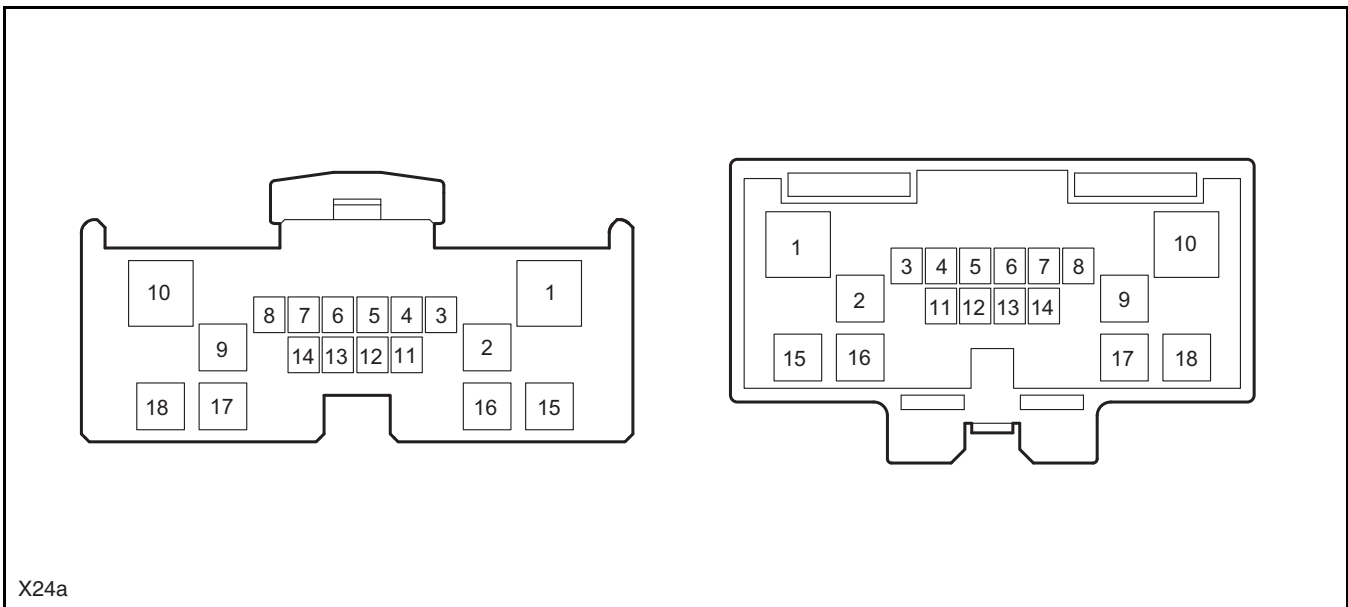
Chassis Wiring Harness to Left Rear Door Wiring Harness



X24

Left Rear Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Left Rear Door Wiring Harness

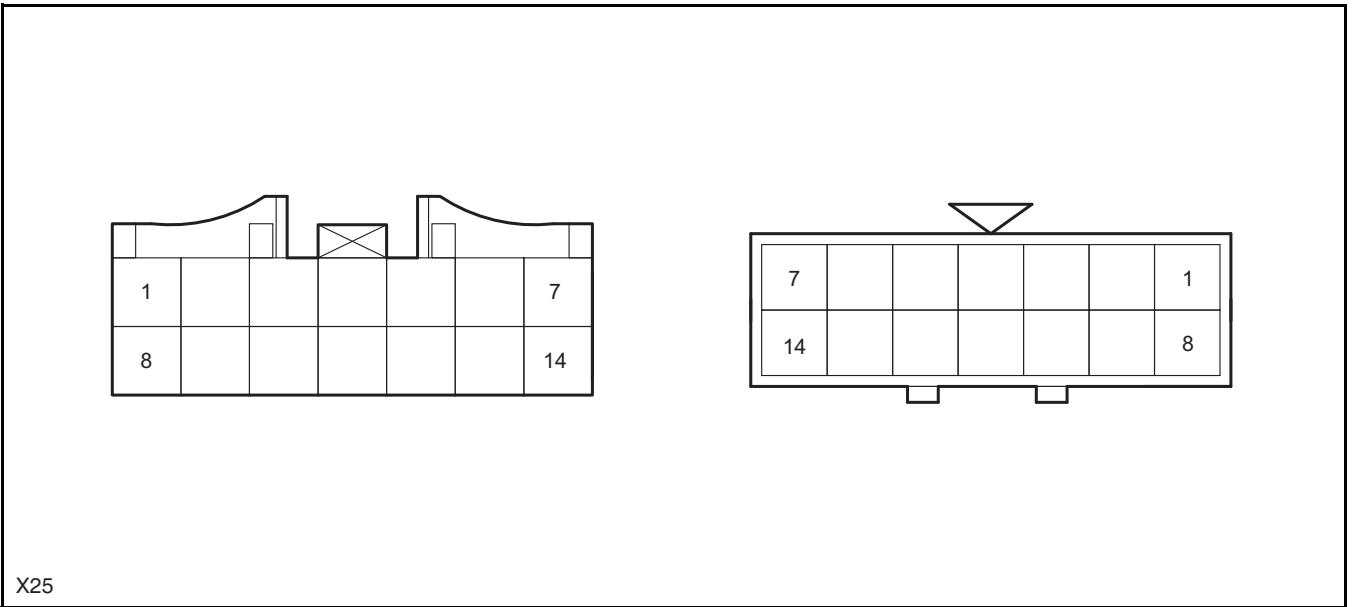


X24a

6.4.20-13 Central Door Lock and Body Theft Deterrent System 6.4.20-13

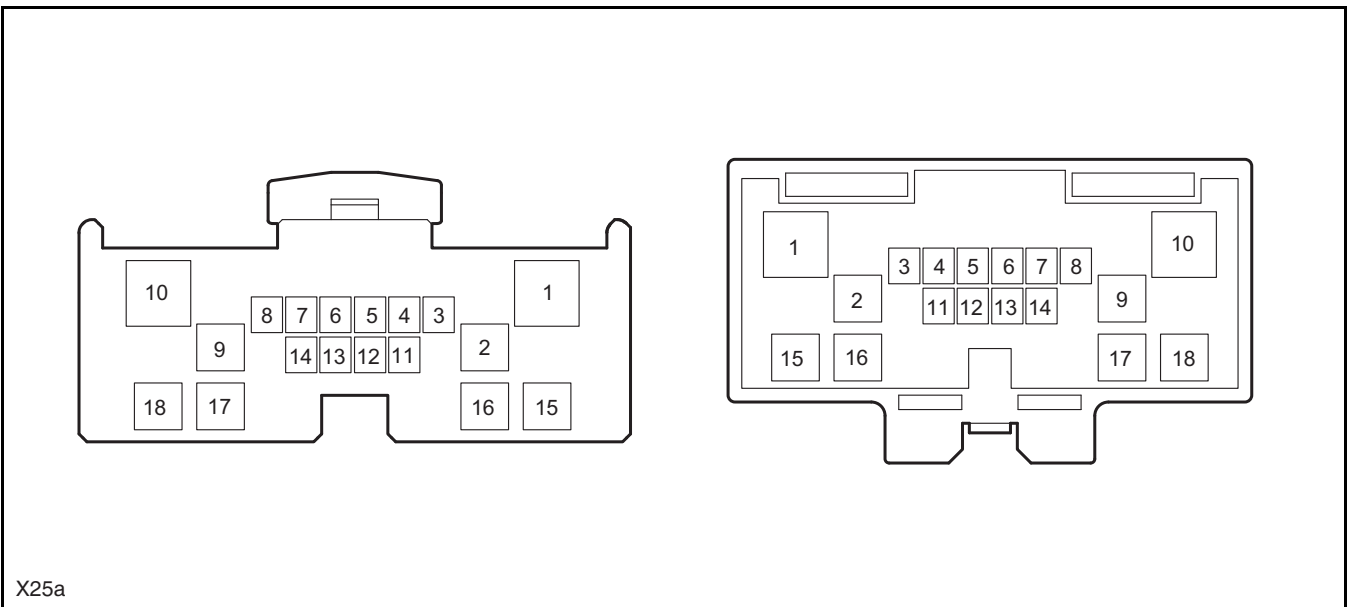
Right Rear Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Right Rear Door Wiring Harness



Right Rear Door Wiring Harness to Chassis Wiring Harness

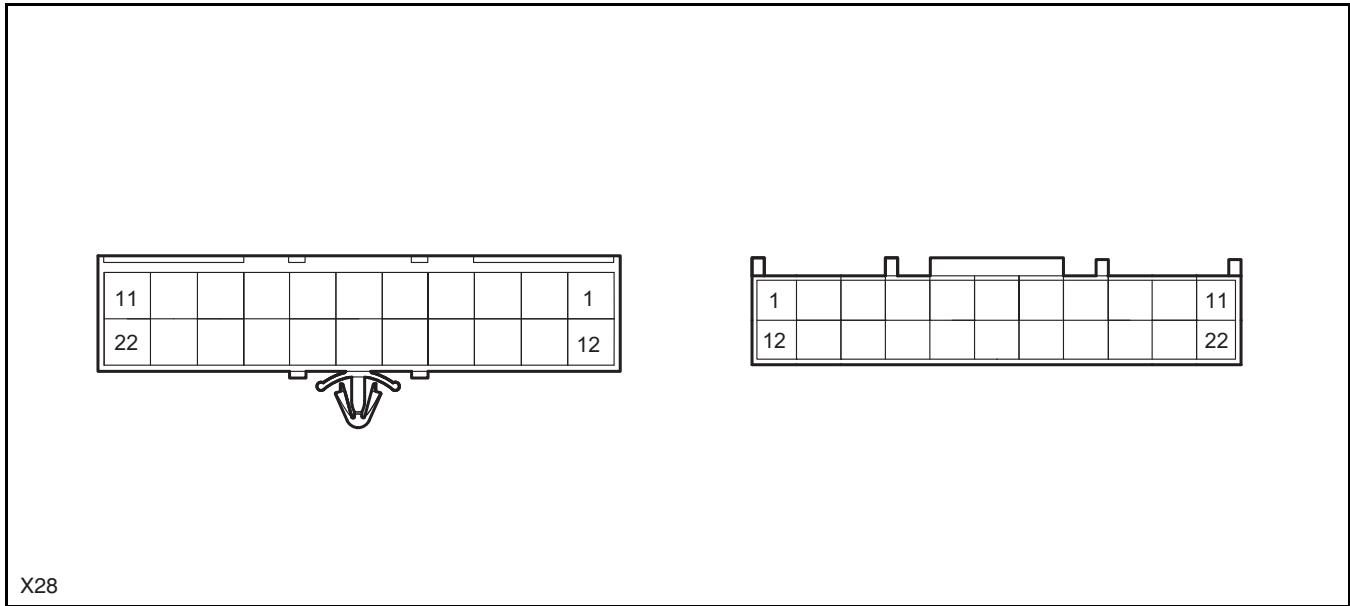
Chassis Wiring Harness to Right Rear Door Wiring Harness



6.4.20-14 Central Door Lock and Body Theft Deterrent System 6.4.20-14

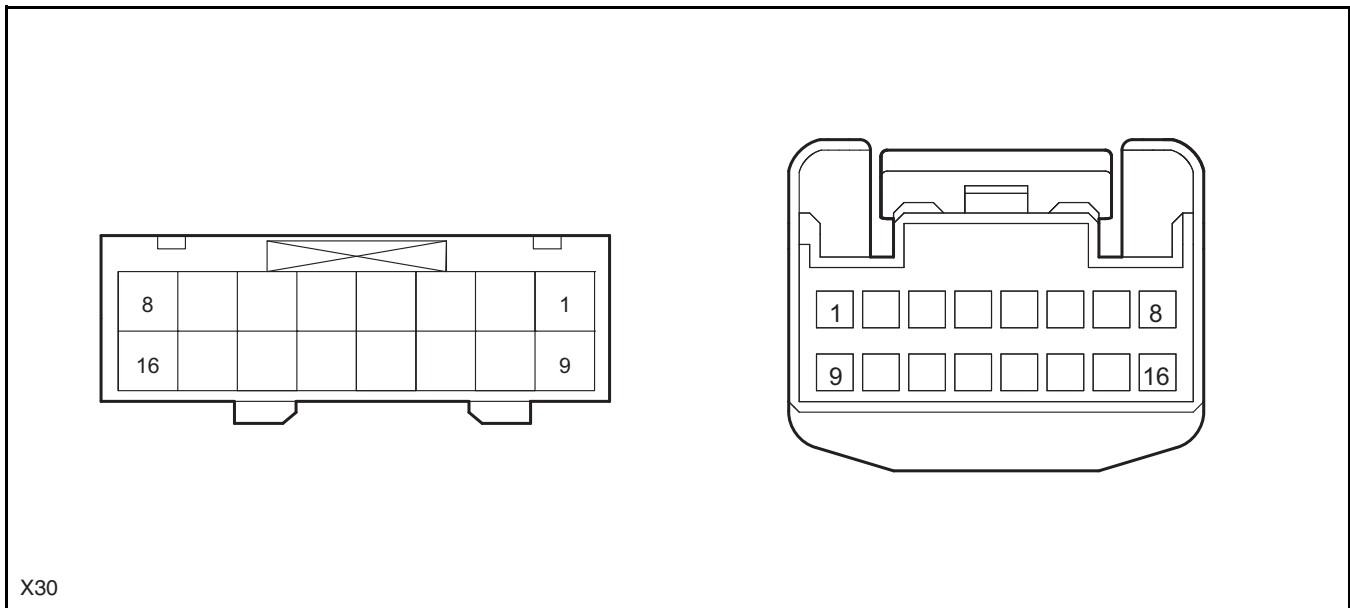
Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness



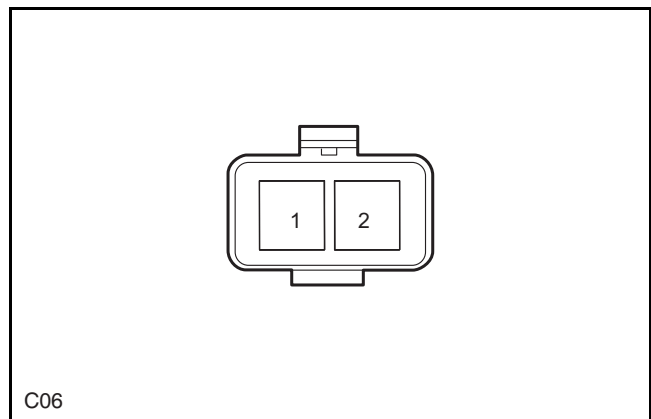
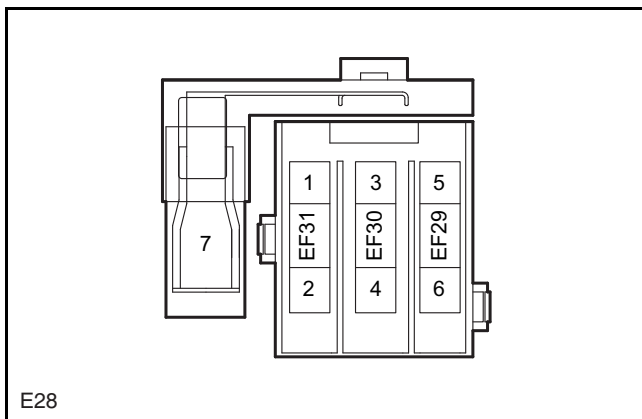
Back Door Wiring Harness to License Plate Lamp Wiring Harness

License Plate Lamp Wiring Harness to Back Door Wiring Harness

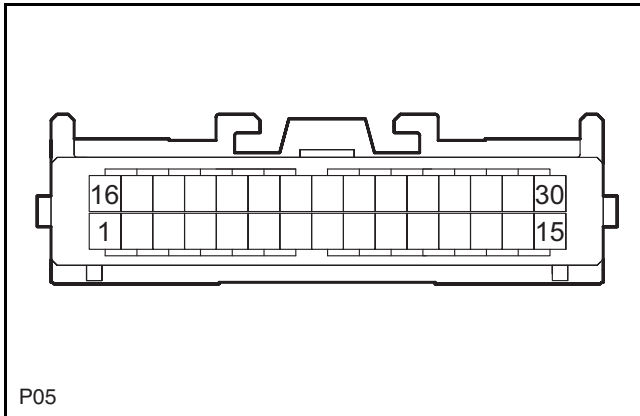


Battery Positive Fuse Box

Engine Hood Switch

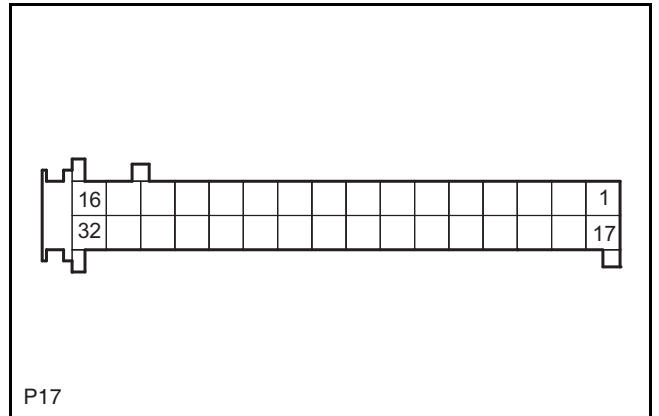


Short Circuiter - 1

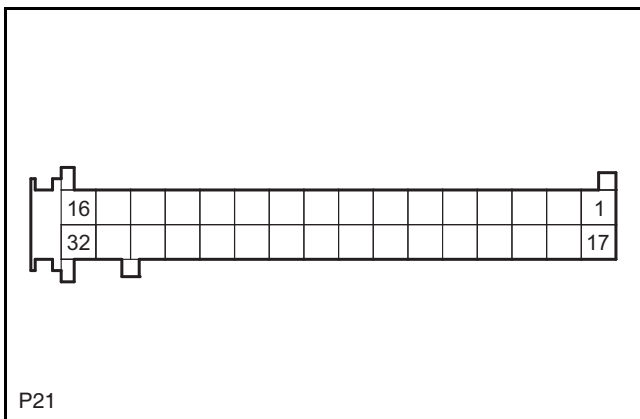


BCM-C

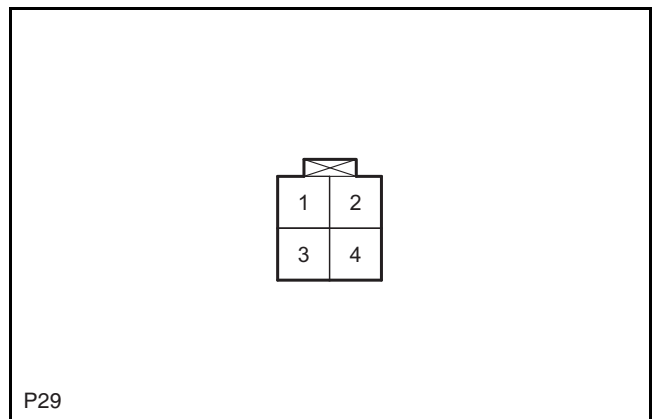
Keyless Controller B



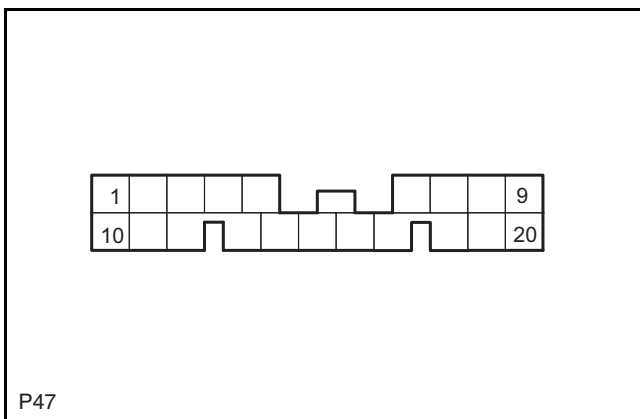
Key Unremoved Reminder Switch



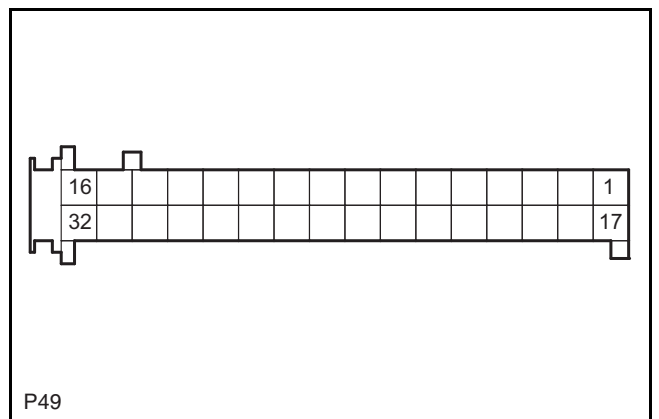
BCM-B



BCM-D

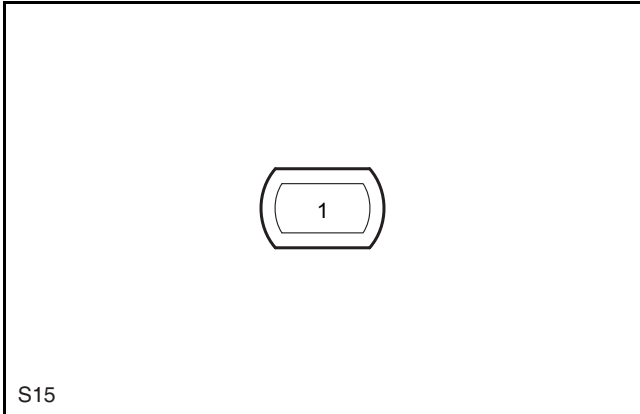


P47

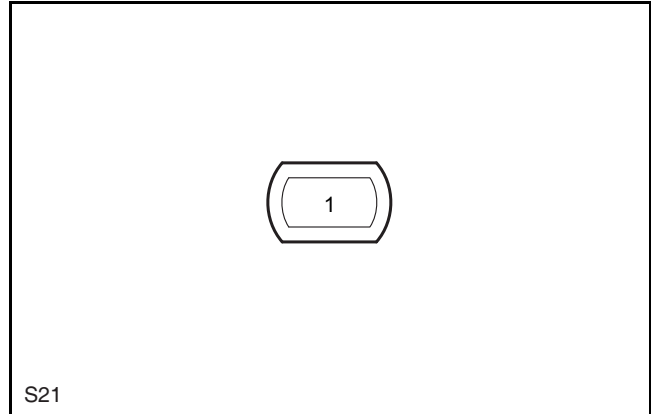


P49

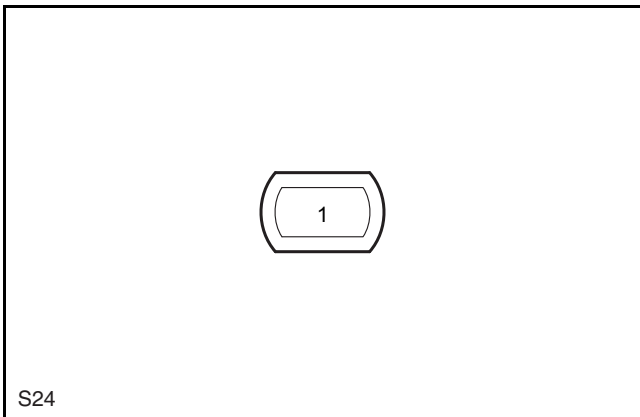
Right Front Door Contact Switch



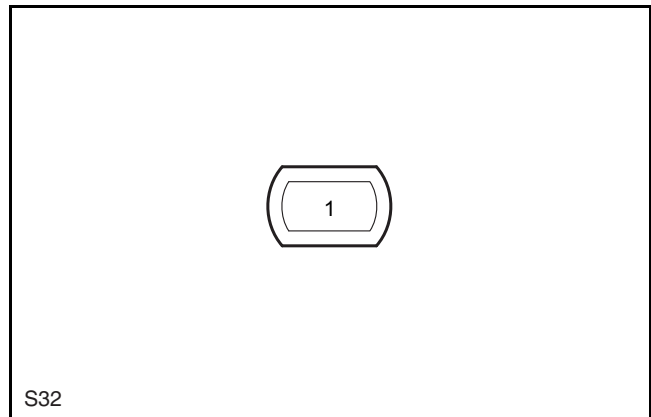
Right Rear Door Contact Switch



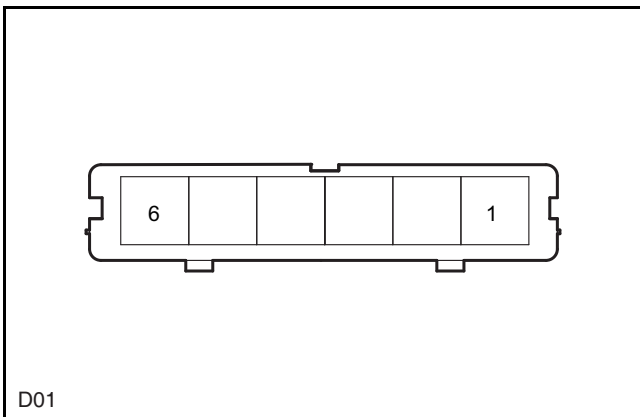
Left Front Door Contact Switch



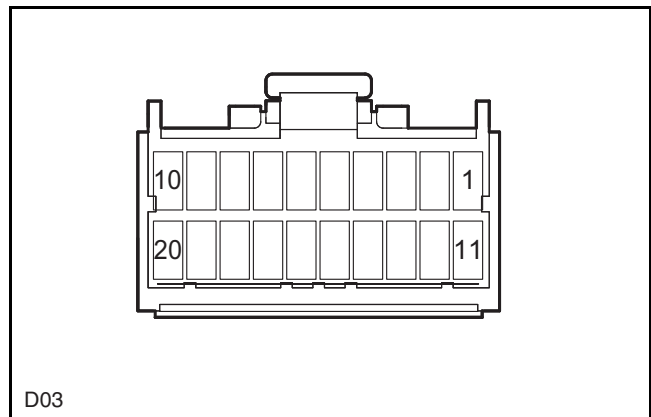
Left Rear Door Contact Switch



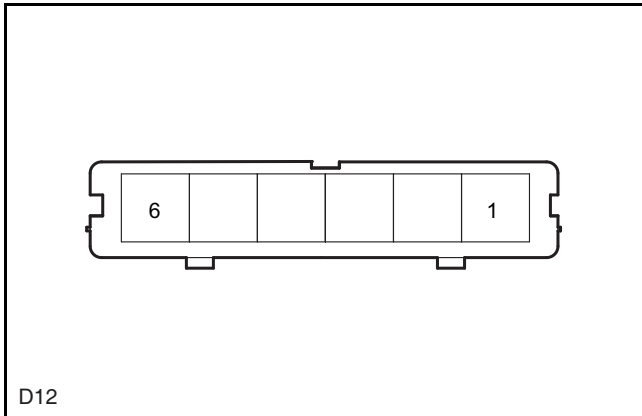
Left Front Door Lock Motor



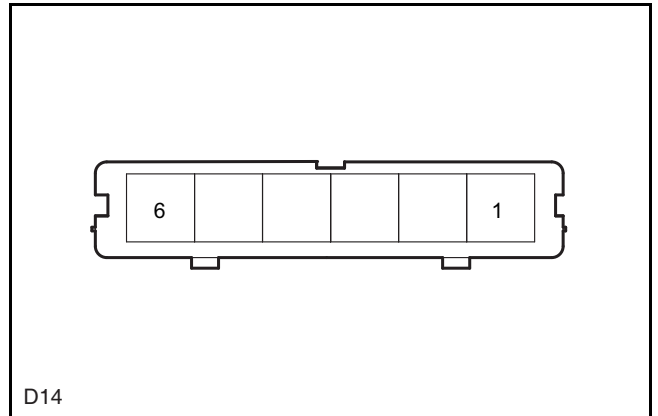
Left Front Door Window Switch



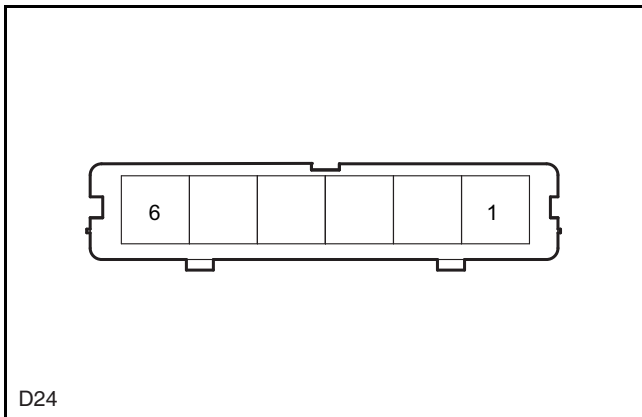
Right Front Door Lock Motor



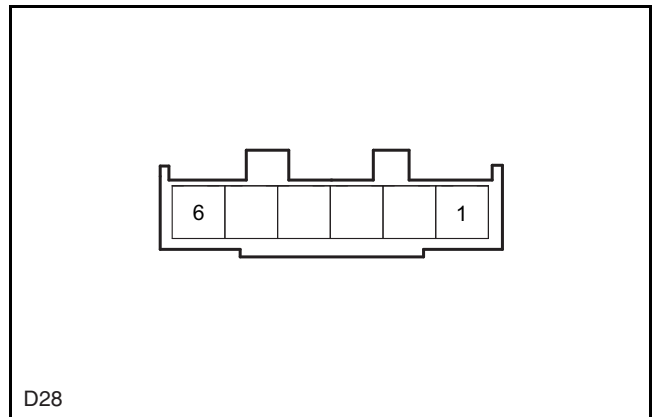
Left Rear Door Lock Motor



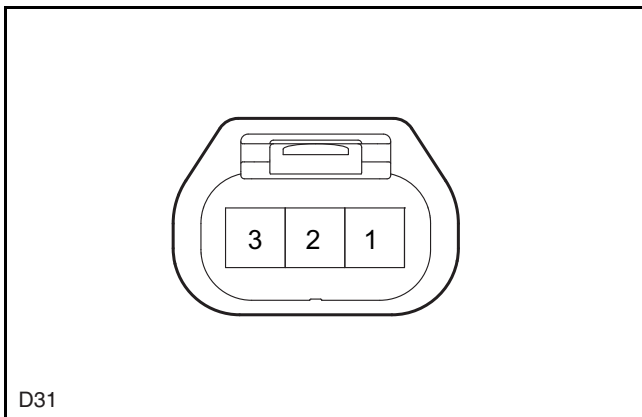
Right Rear Door Lock Motor



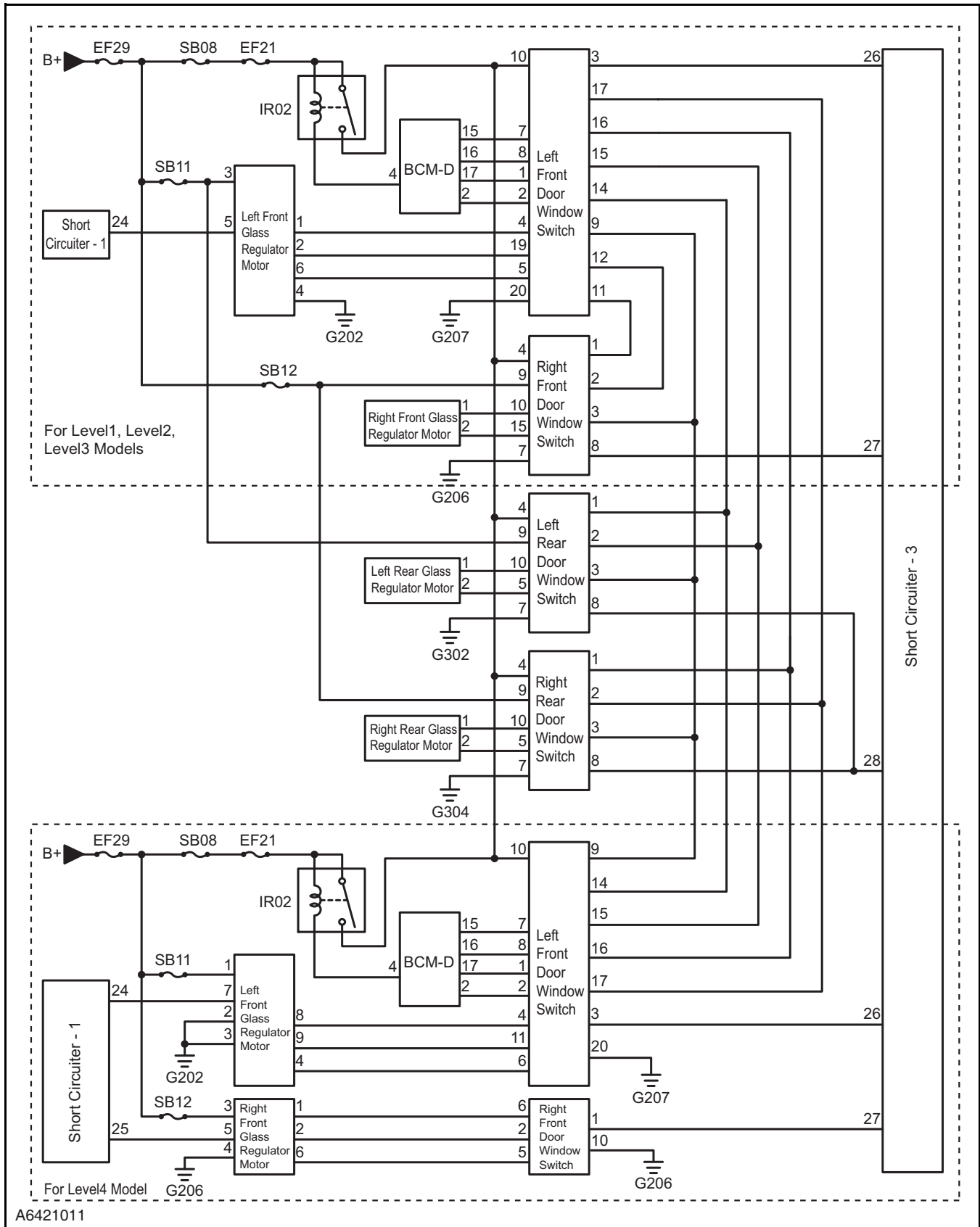
Back Door Lock Motor



Luggage Compartment Switch

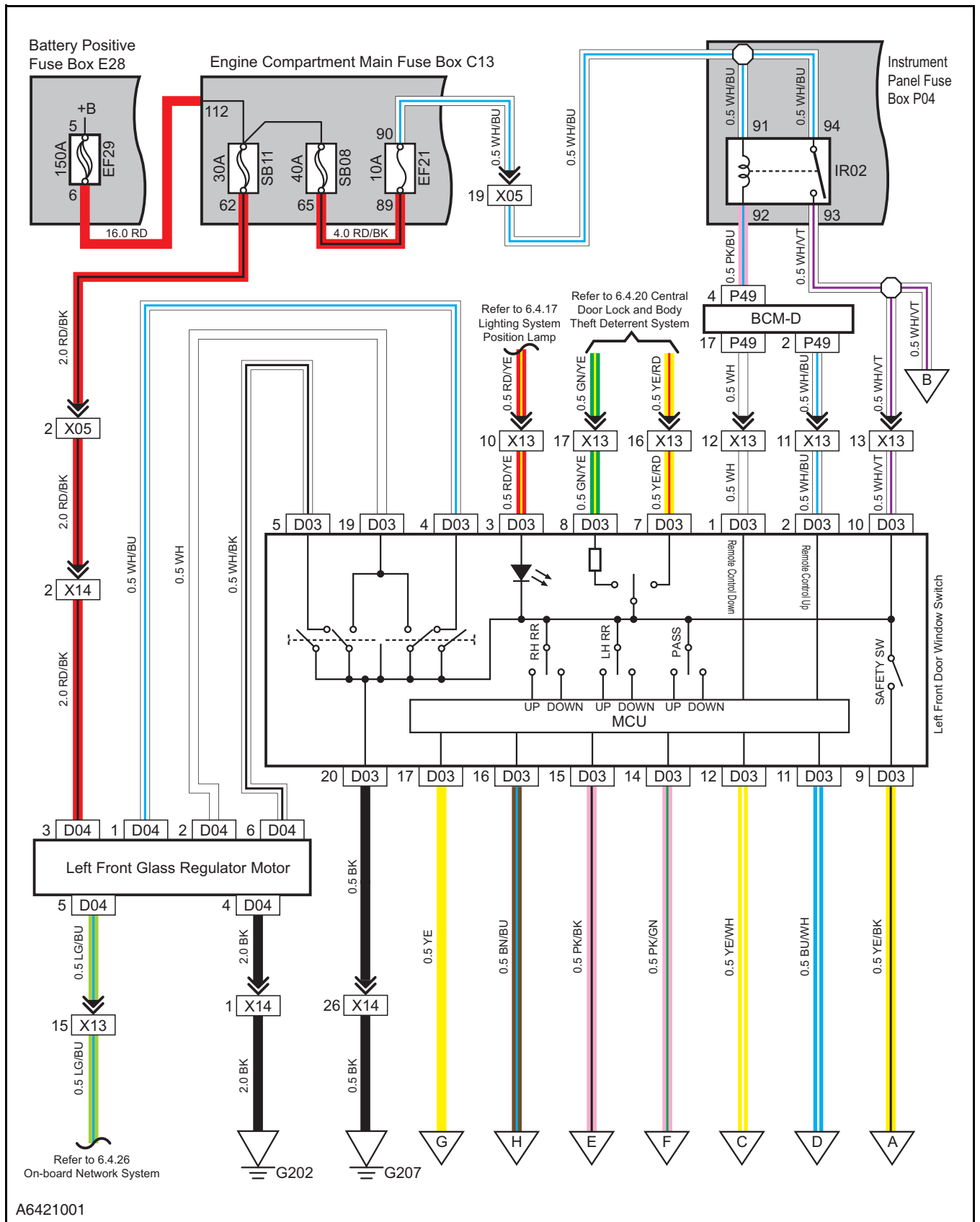


Power Window



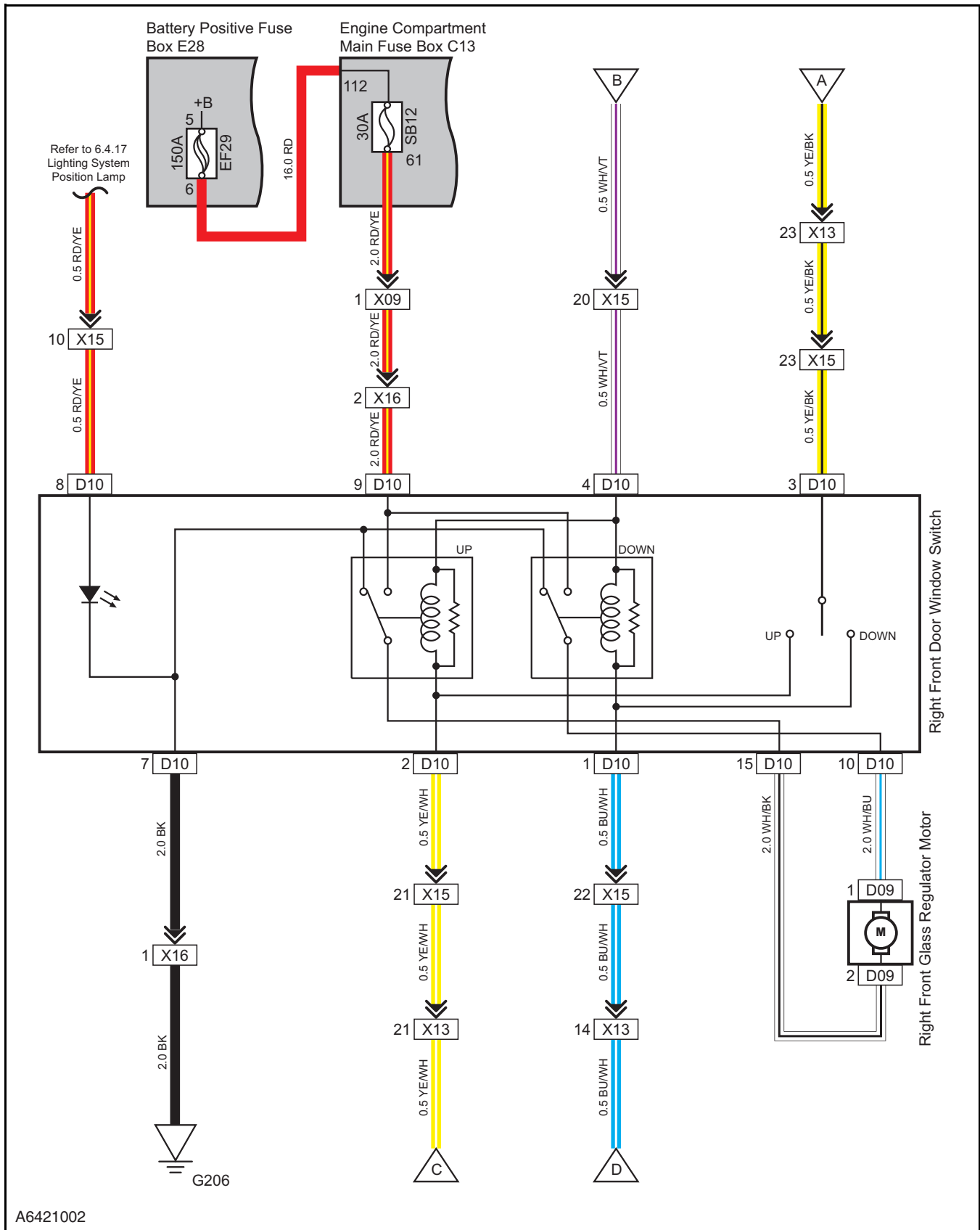
A6421011

Power Window (for Level1, Level2, Level3 Models) - Left Front Door

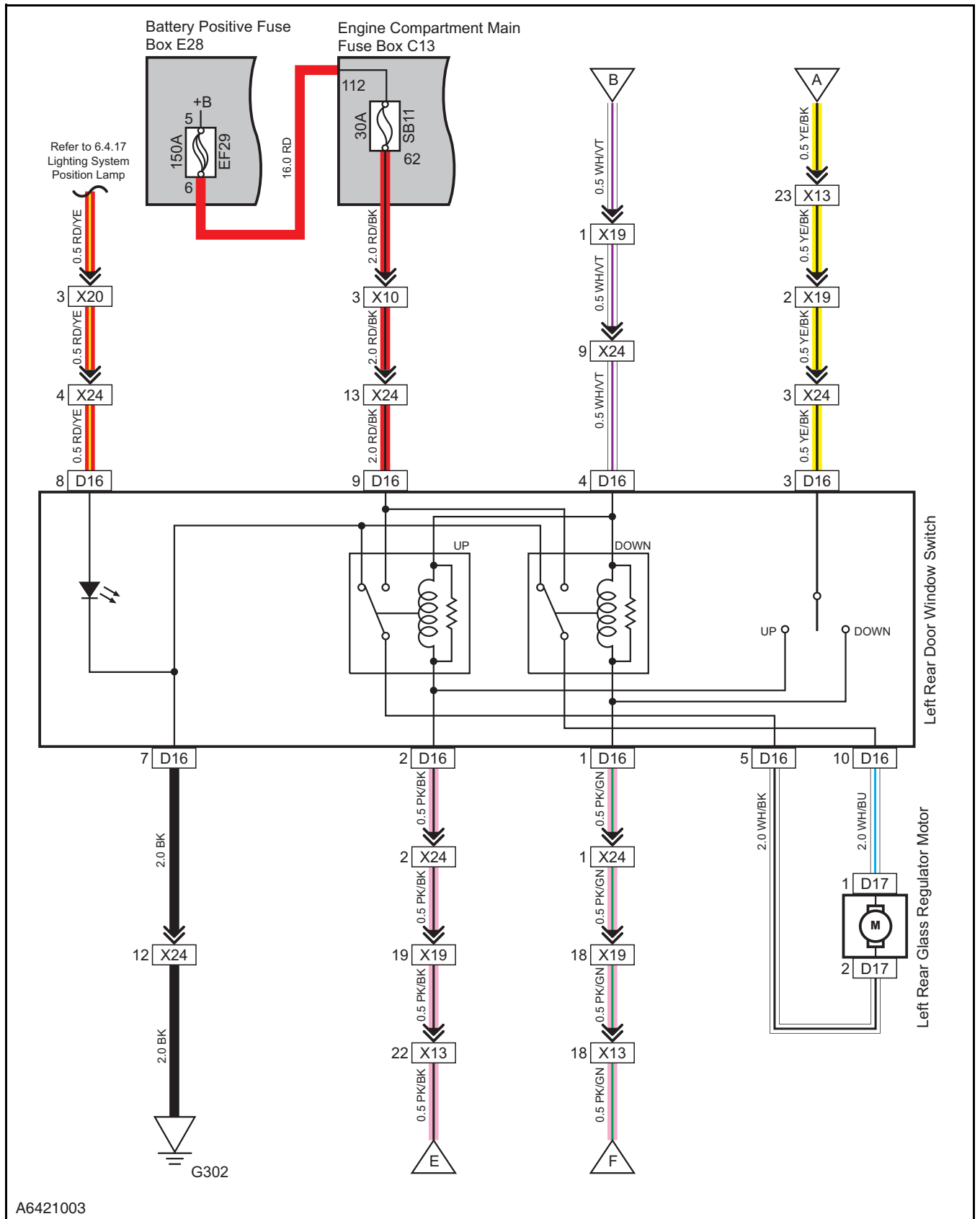


A6421001

Power Window (for Level1, Level2, Level3 Models) - Right Front Door

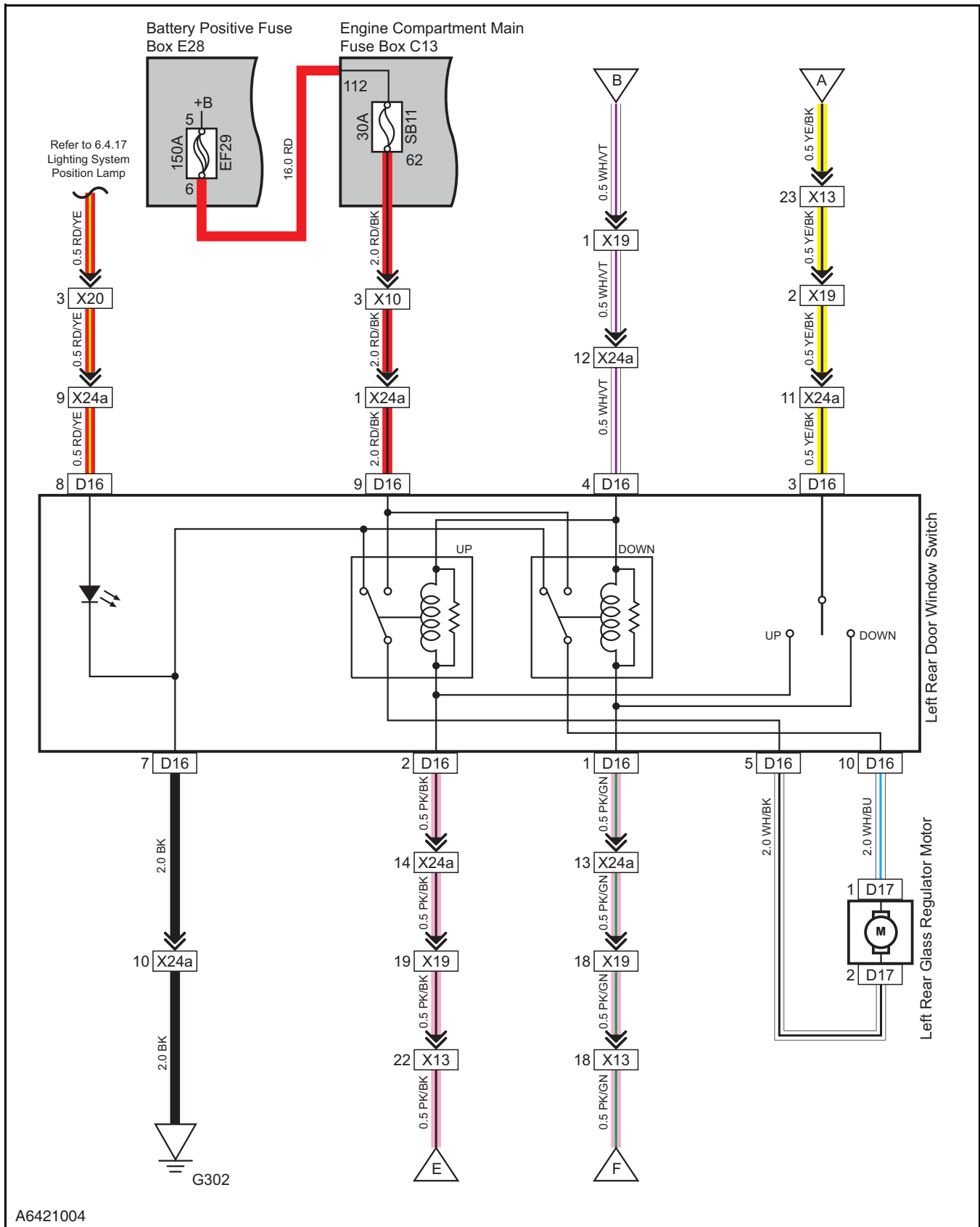


Power Window (for Level1 Model) - Left Rear Door

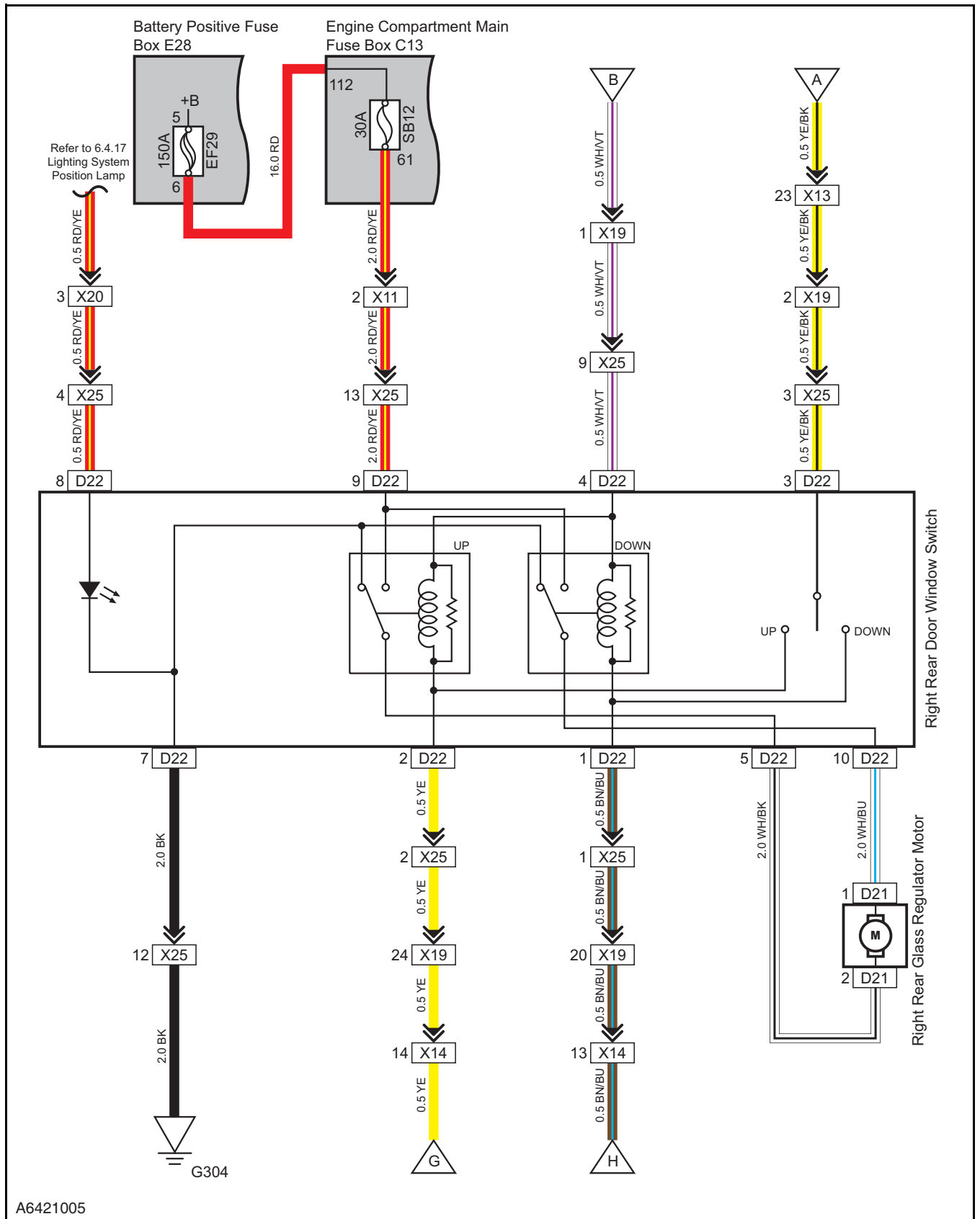


A6421003

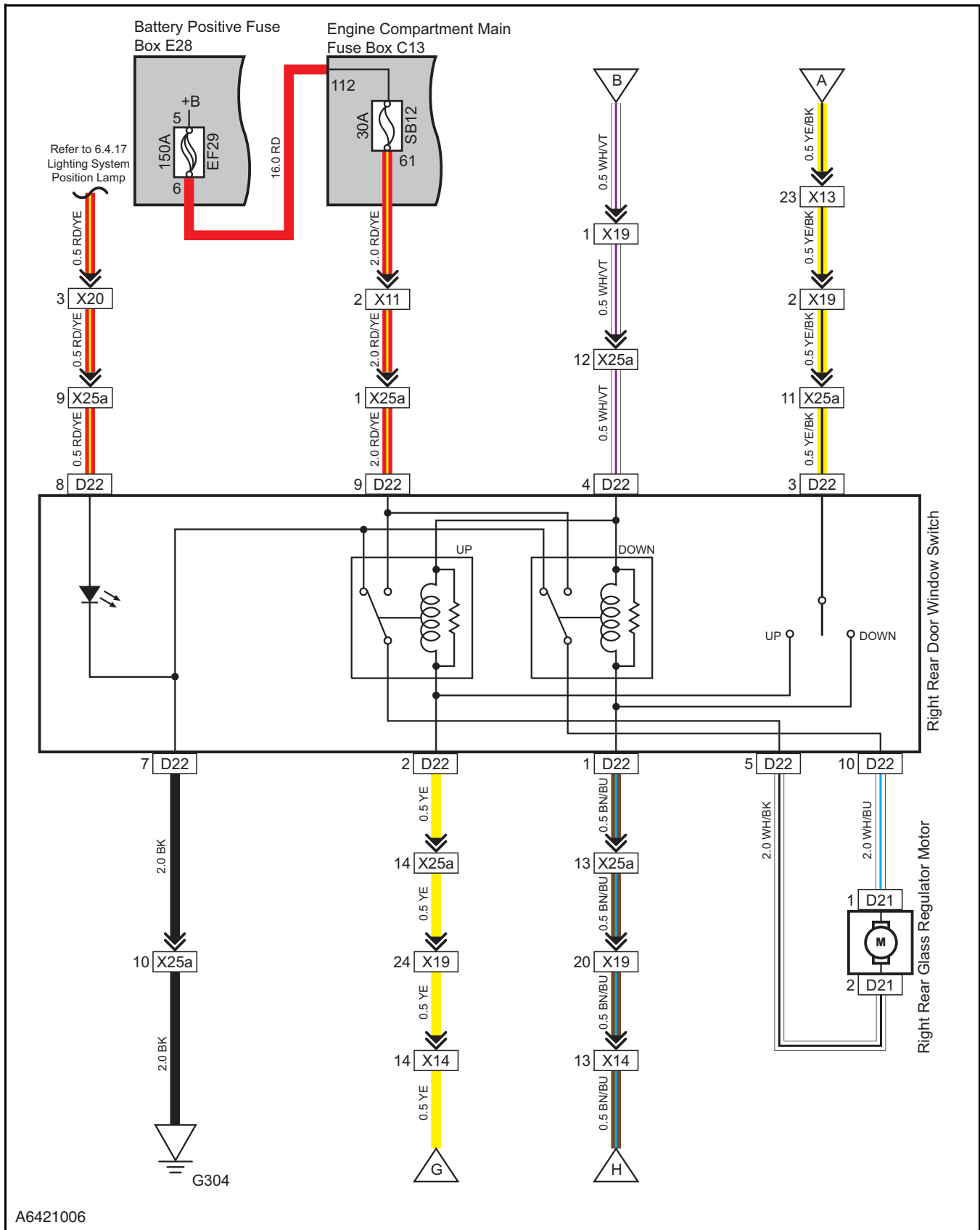
Power Window (for Level2, Level3 Models) - Left Rear Door



Power Window (for Level1 Model) - Right Rear Door

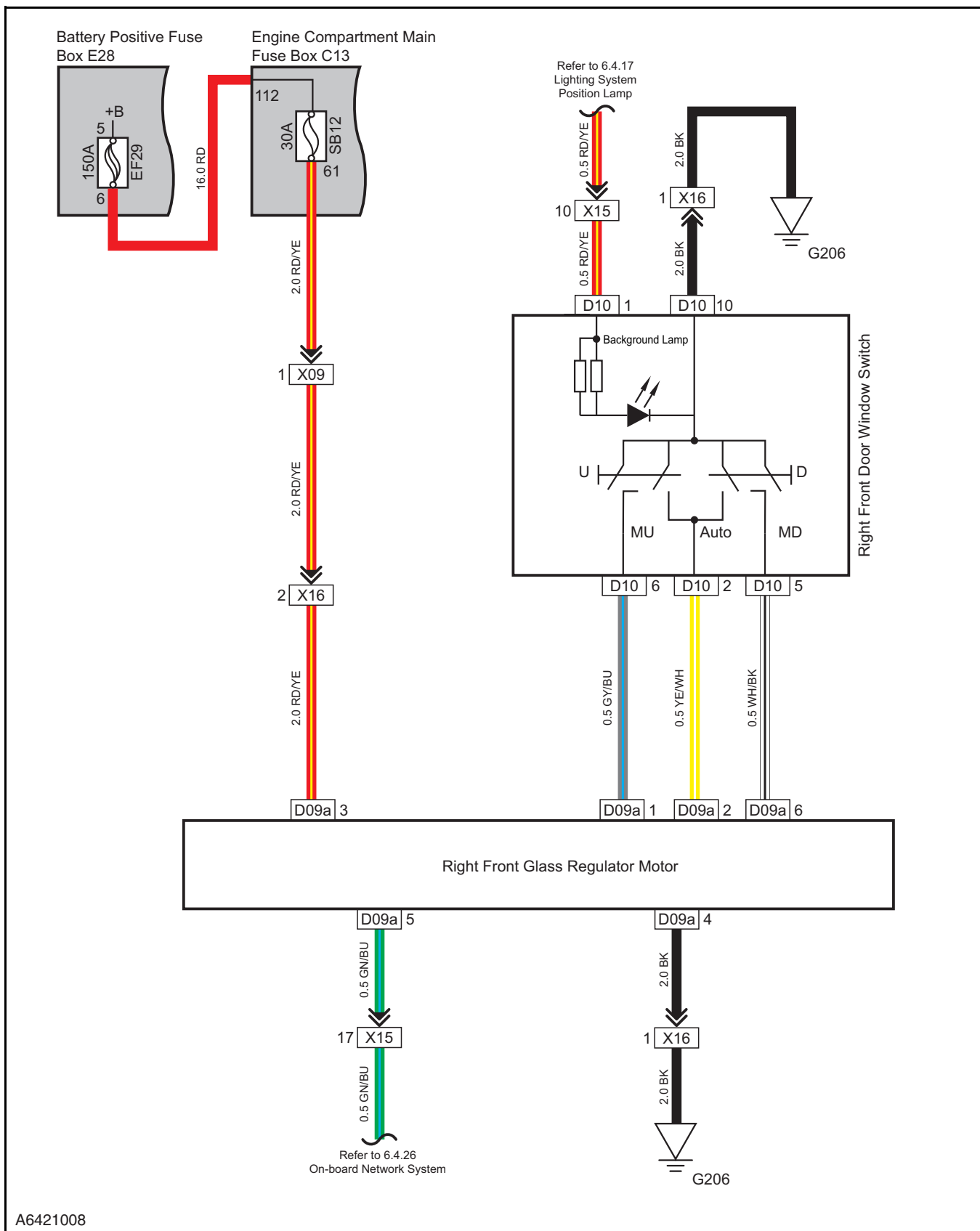


Power Window (for Level2, Level3 Models) - Right Rear Door



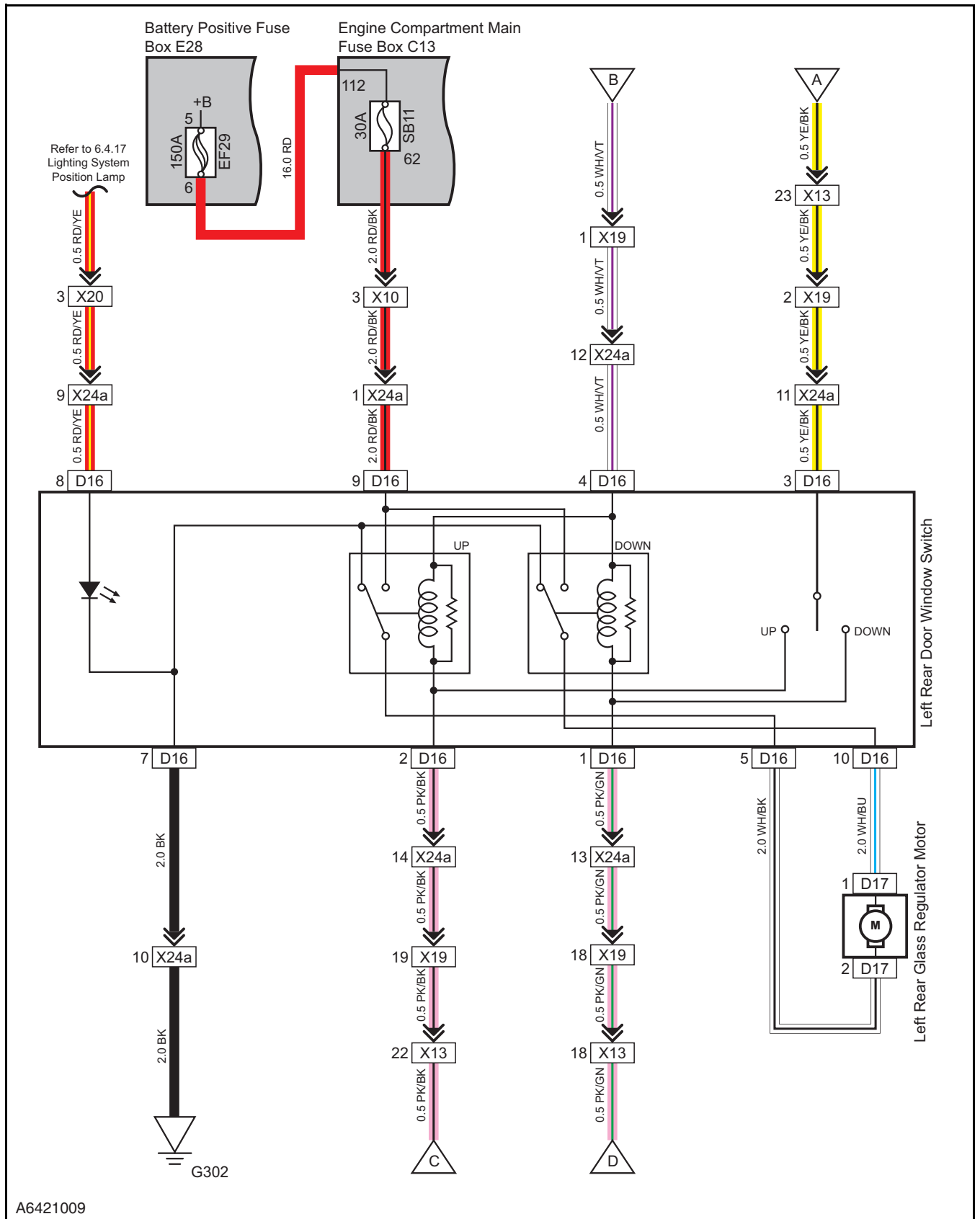
A6421006

Power Window (for Level4 Model) - Right Front Door



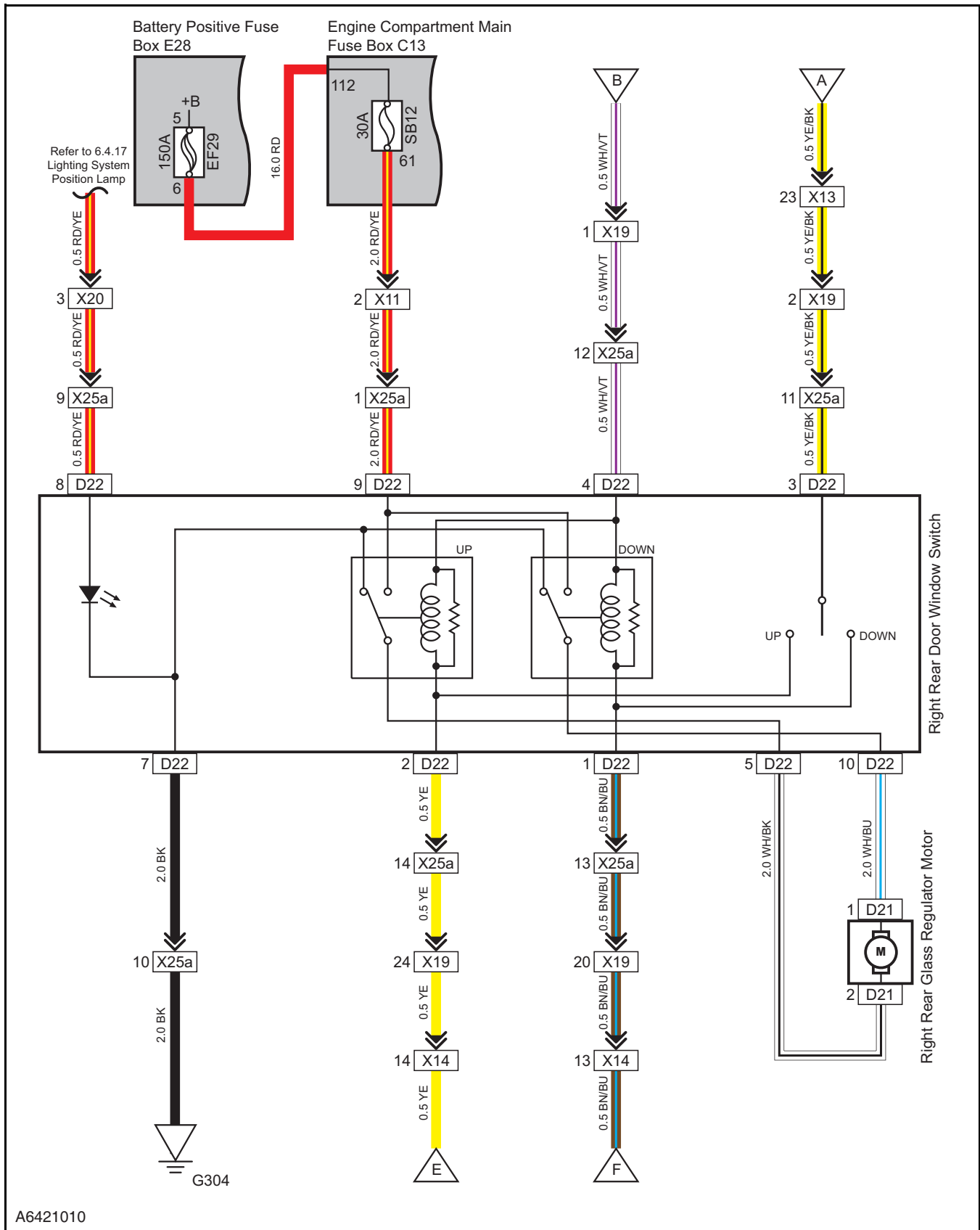
A6421008

Power Window (for Level4 Model) - Left Rear Door

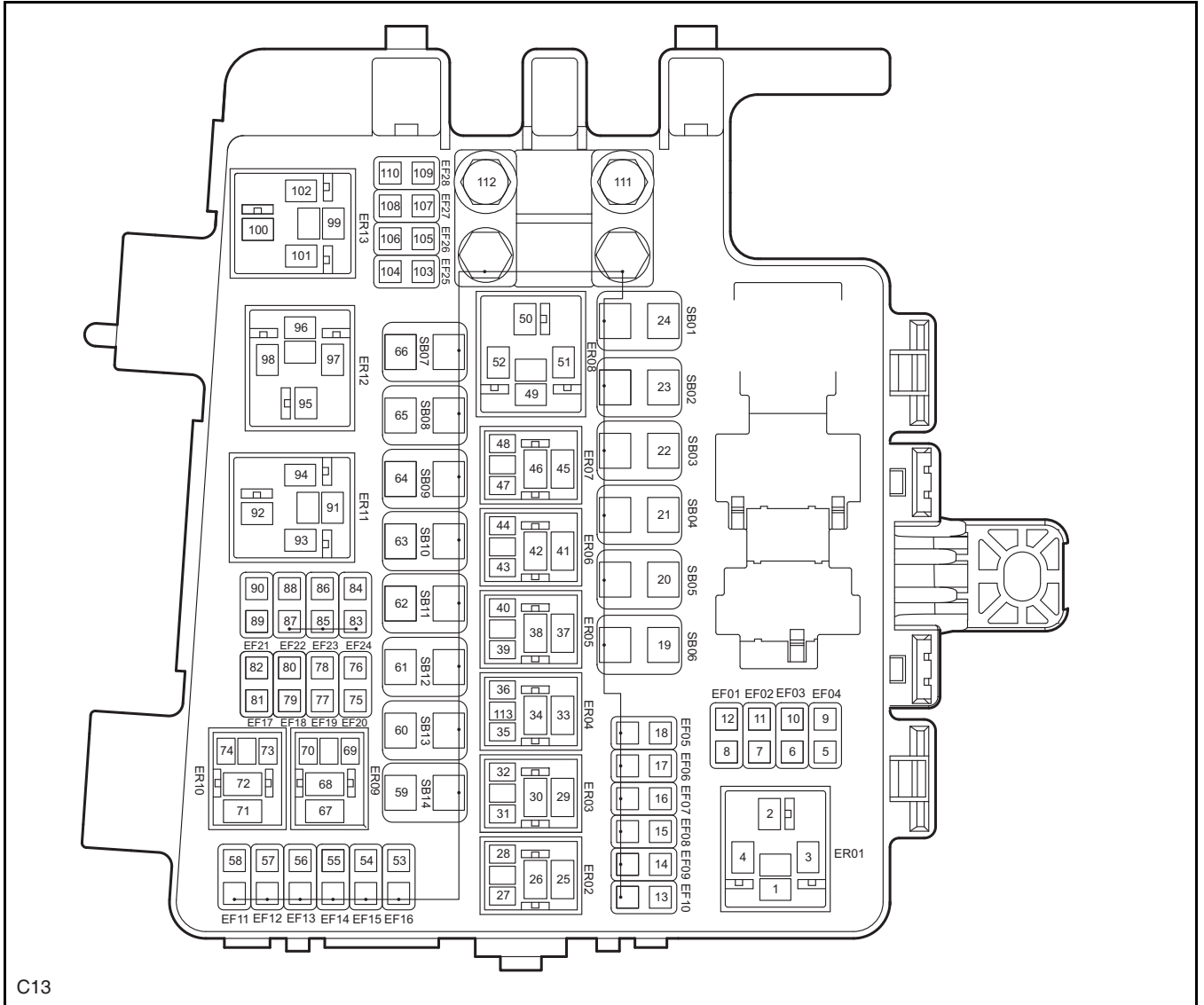


A6421009

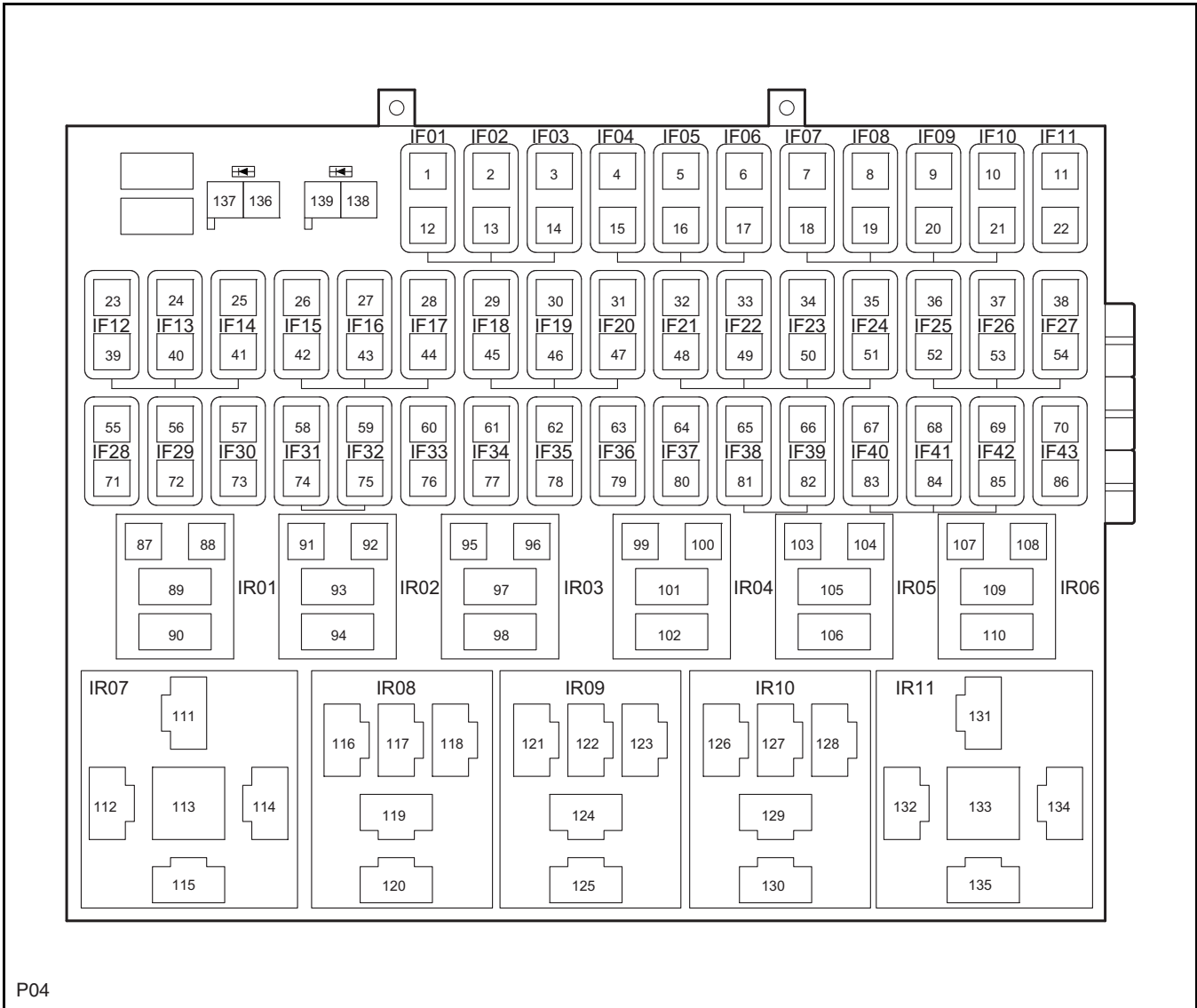
Power Window (for Level4 Model) - Right Rear Door



Engine Compartment Main Fuse Box

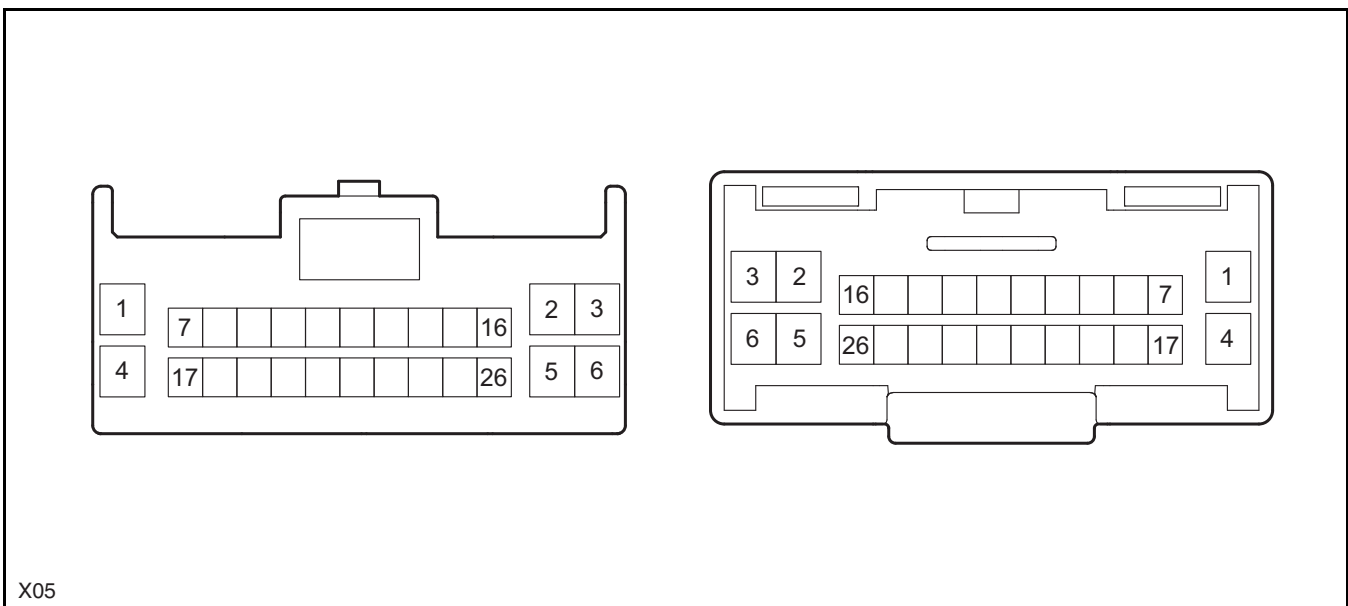


Instrument Panel Fuse Box



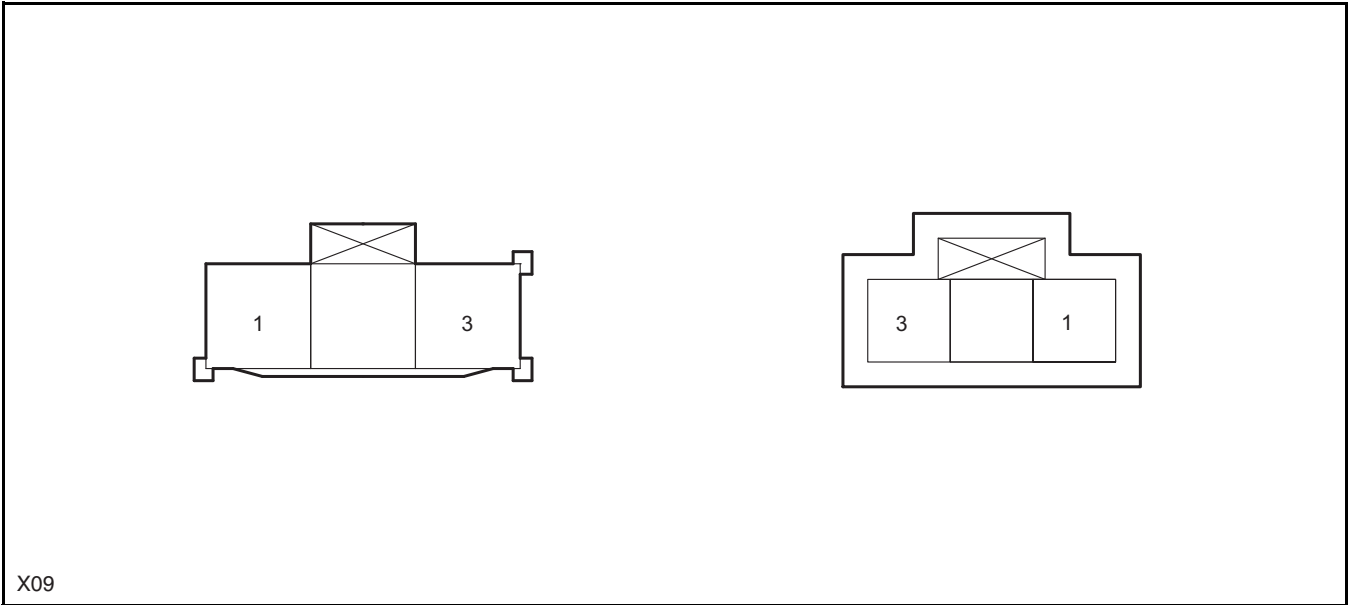
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



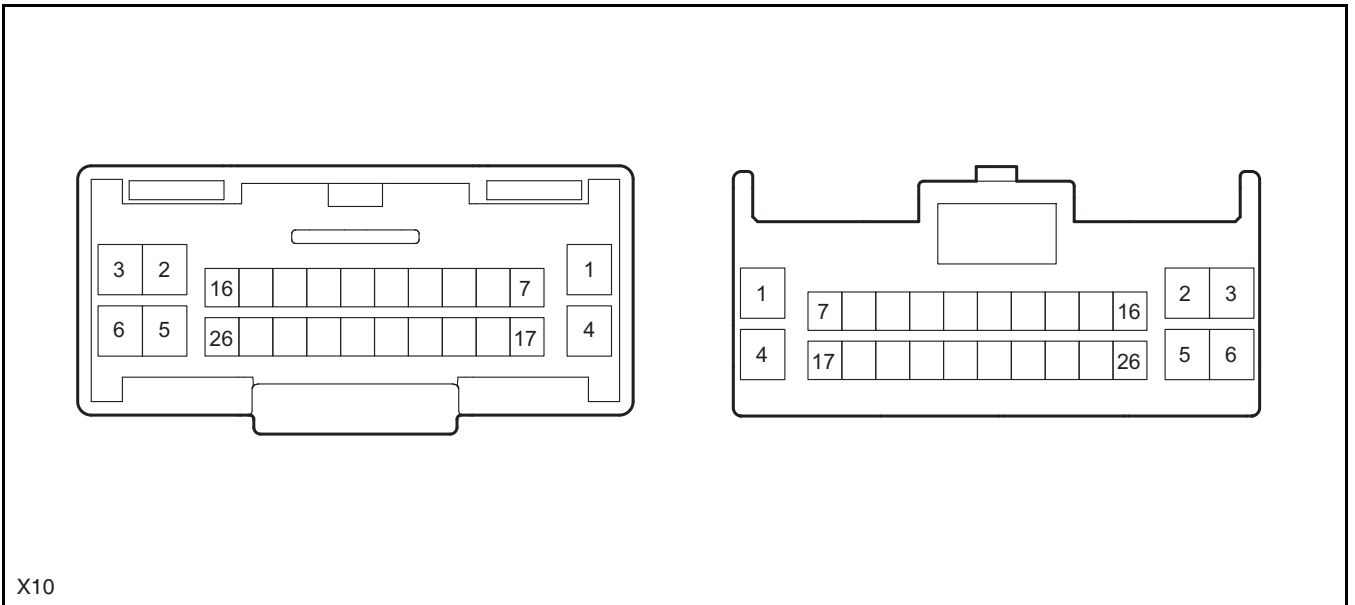
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 3



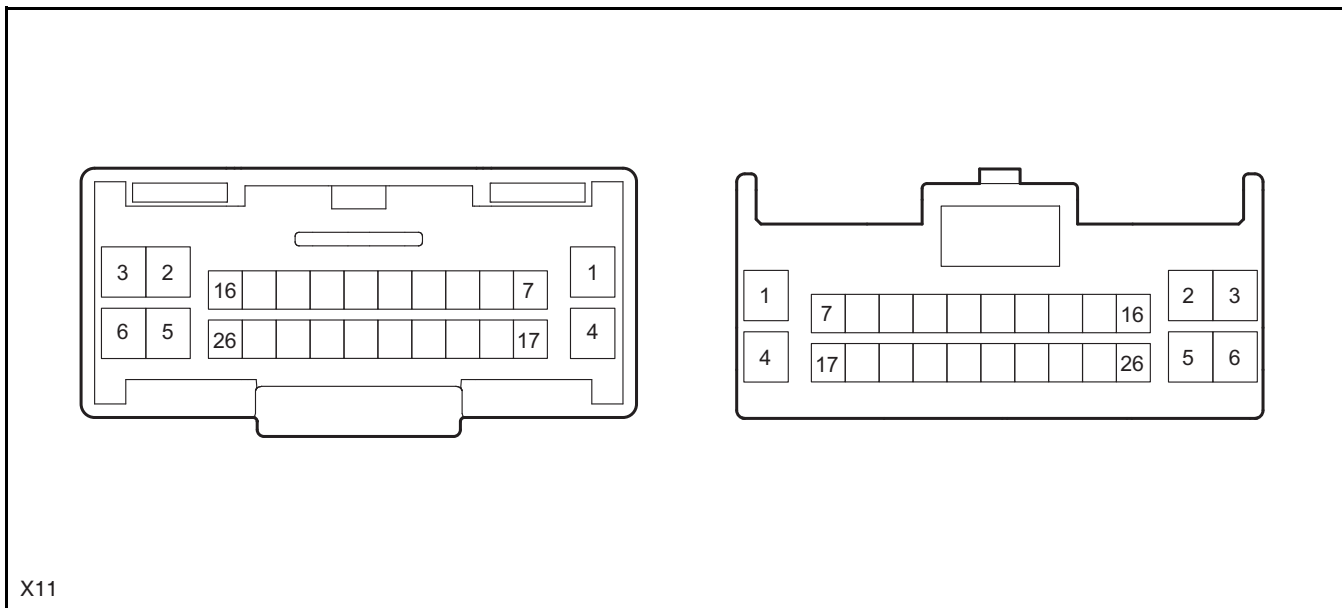
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Left

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Left



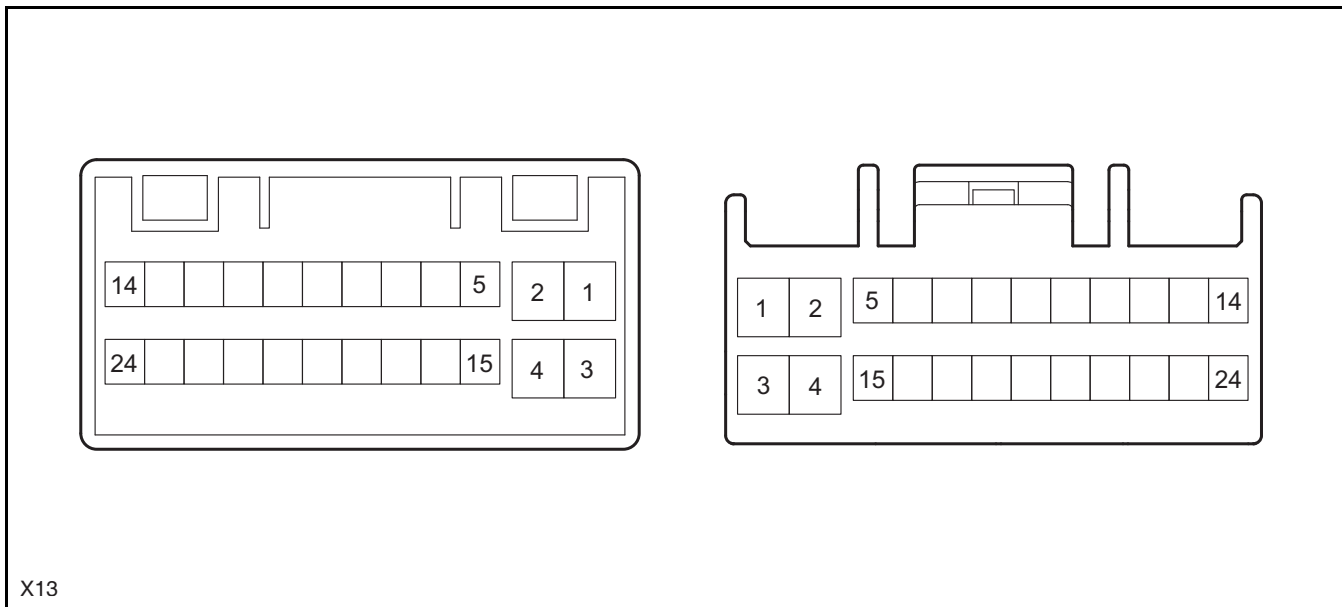
Chassis Wiring Harness to Engine Compartment
Wiring Harness - Right

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Right



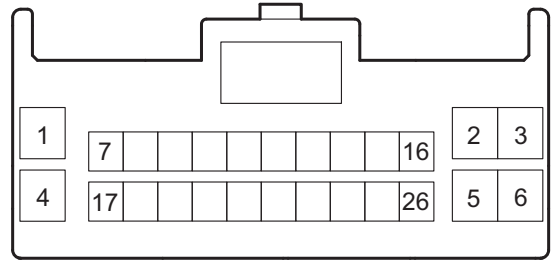
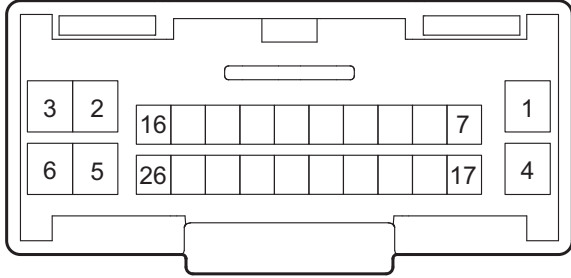
Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

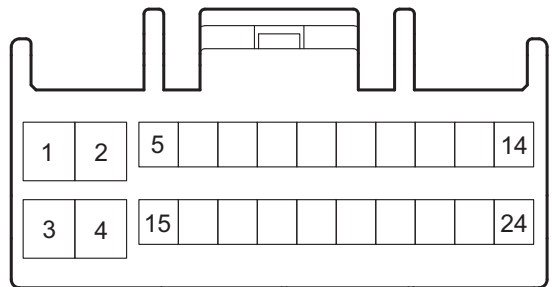
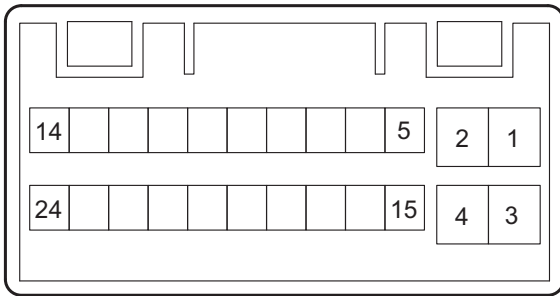
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

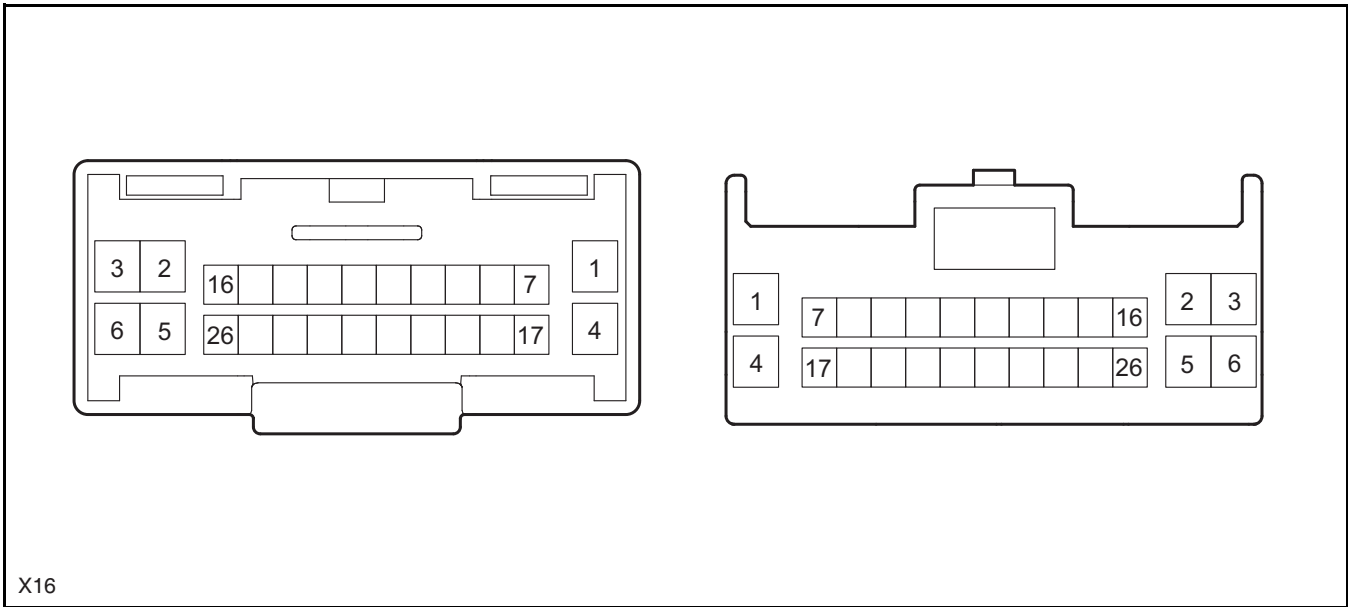
Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X15

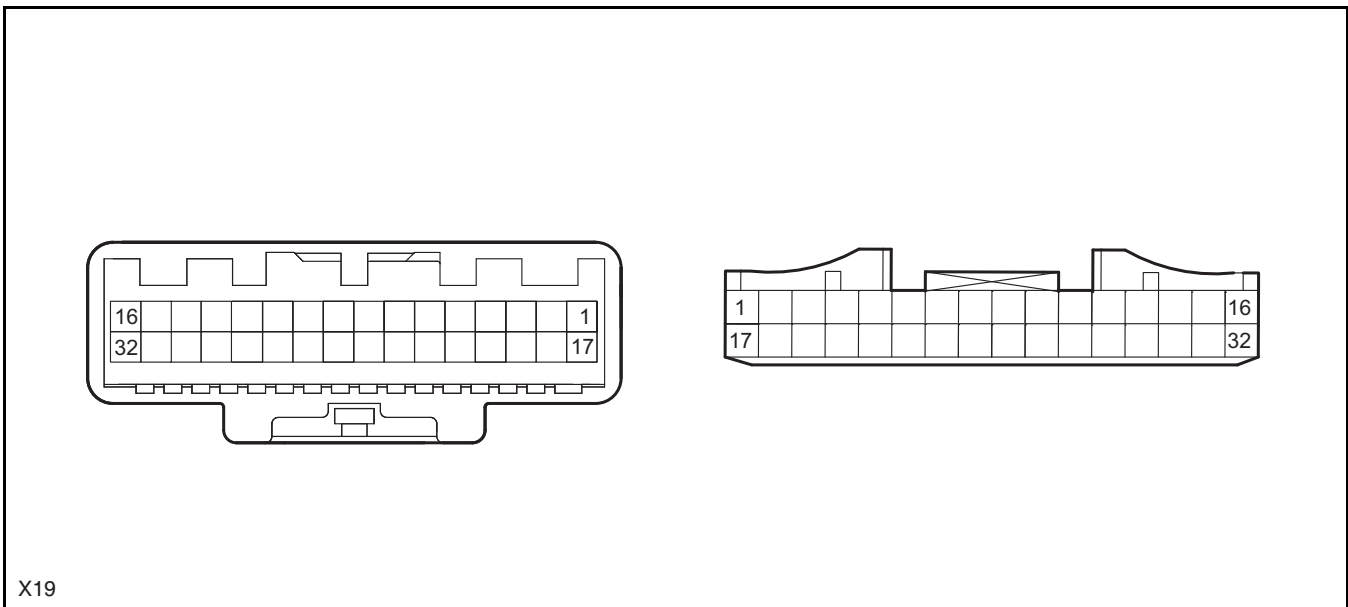
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



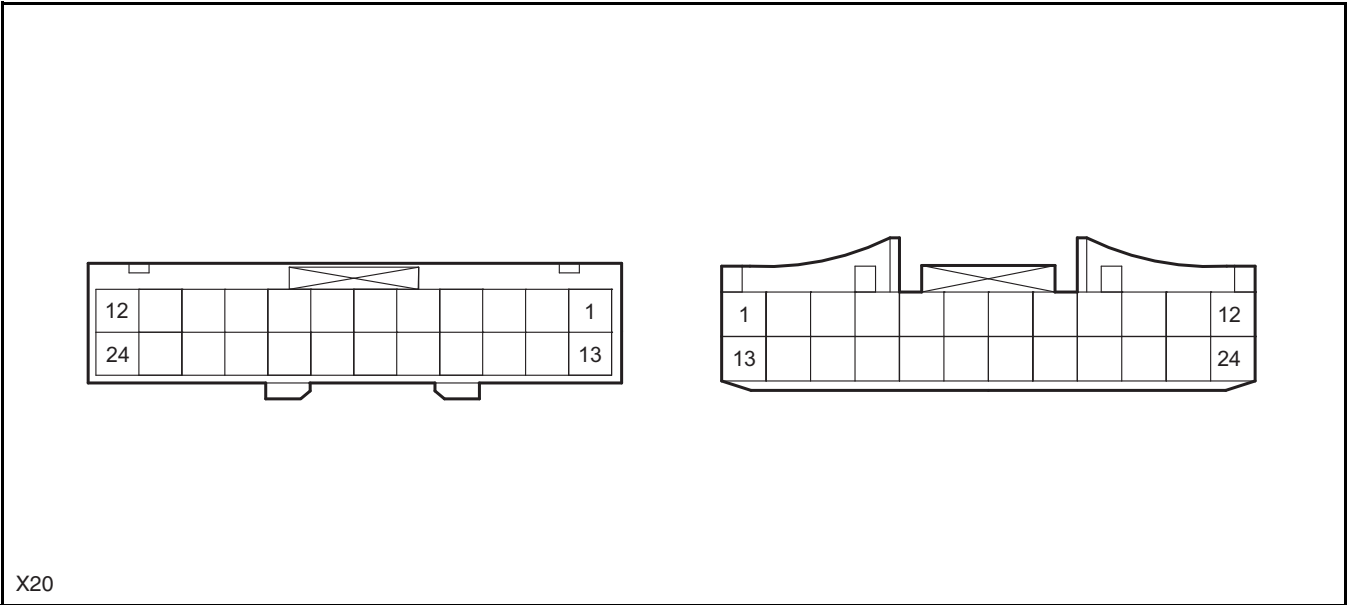
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



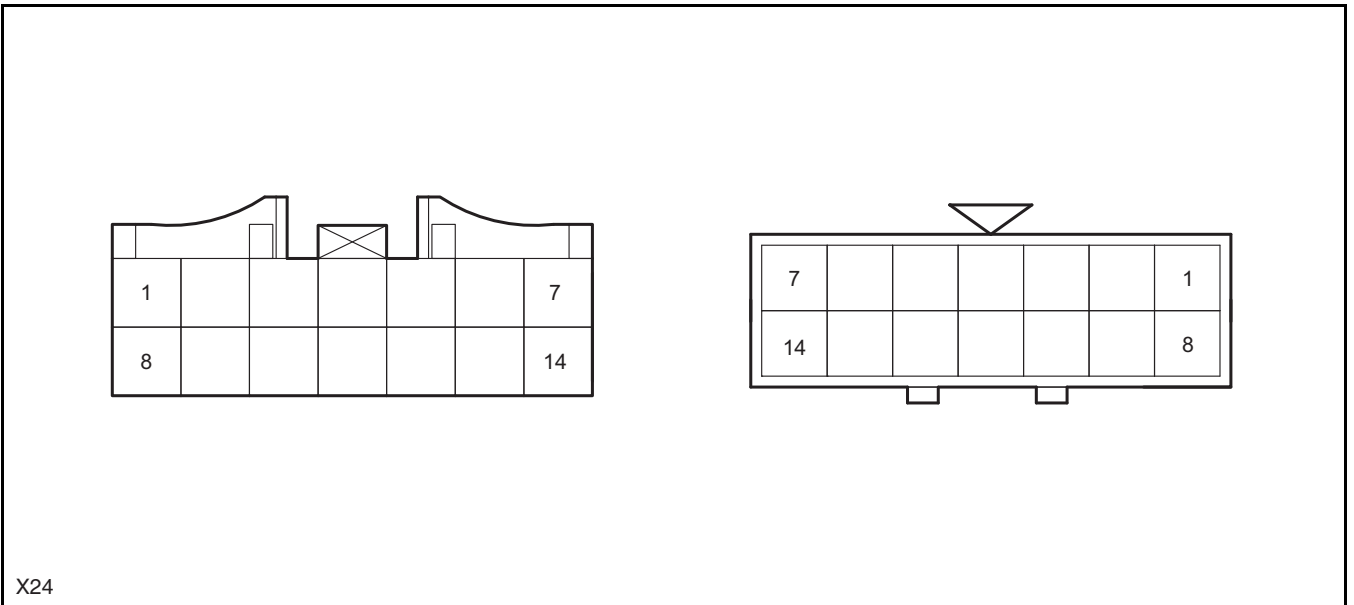
Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 2



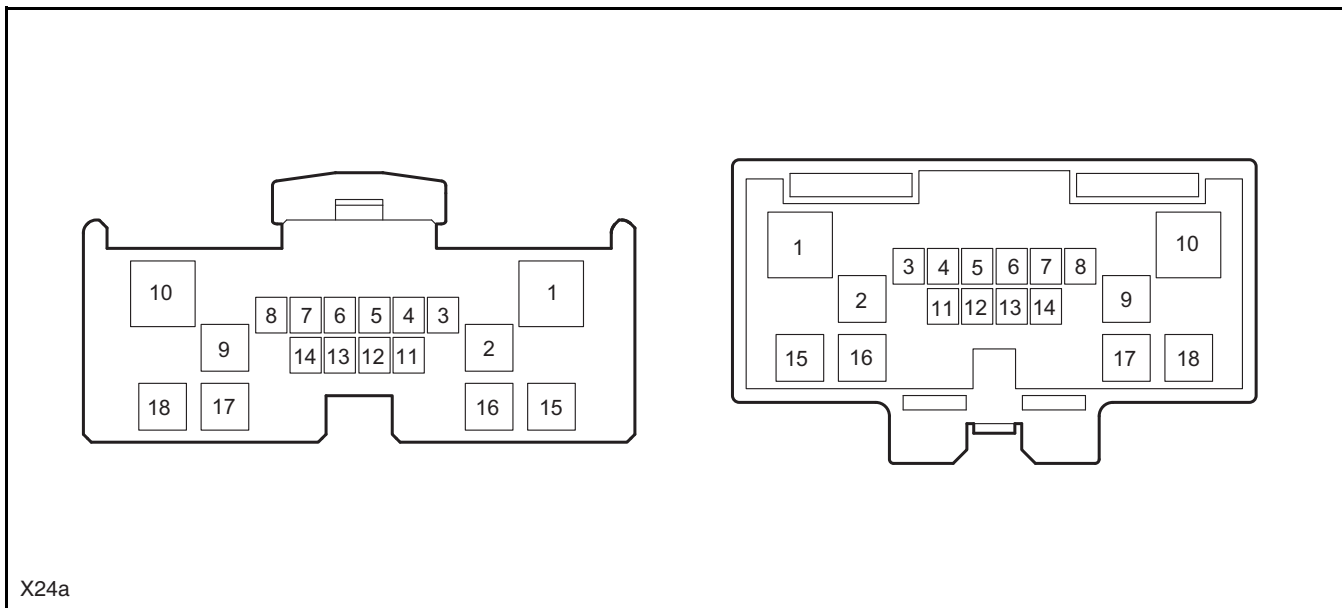
Left Rear Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Left Rear Door Wiring Harness



Left Rear Door Wiring Harness to Chassis Wiring Harness

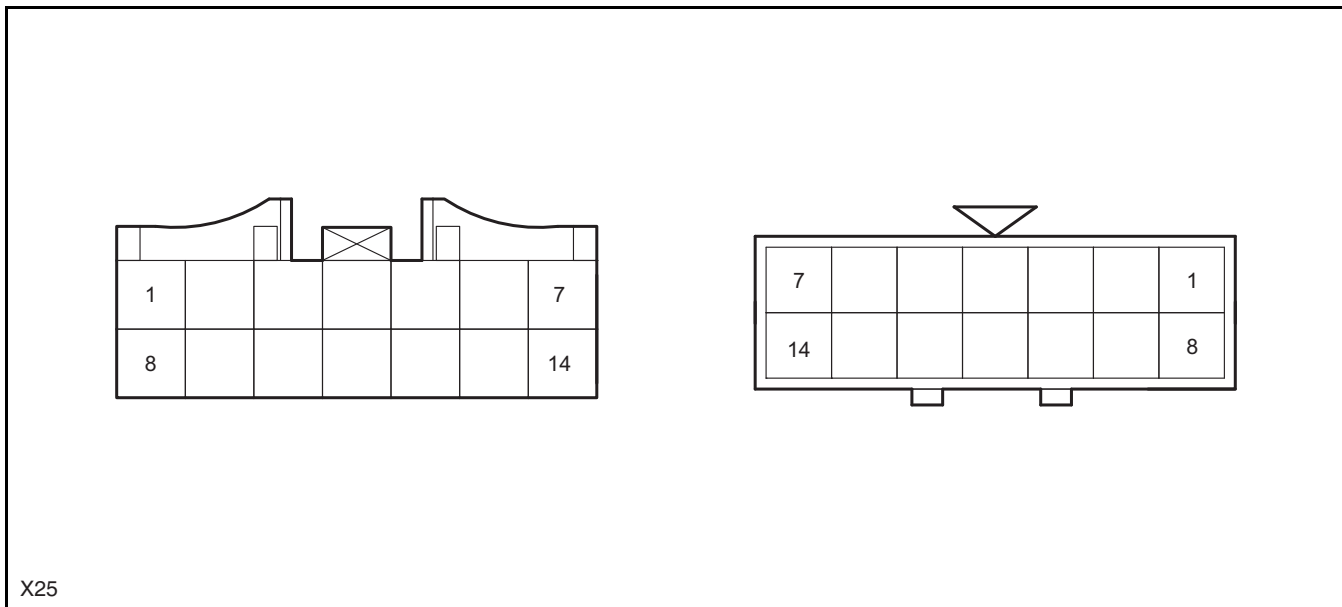
Chassis Wiring Harness to Left Rear Door Wiring Harness



X24a

Right Rear Door Wiring Harness to Chassis Wiring Harness

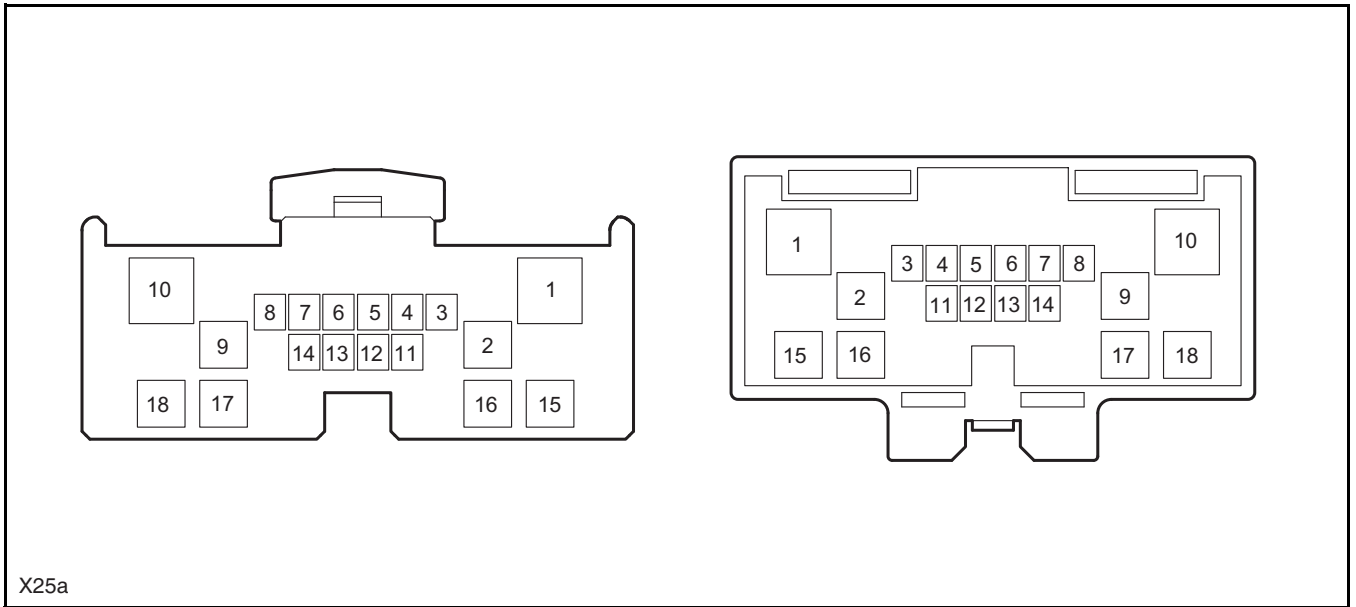
Chassis Wiring Harness to Right Rear Door Wiring Harness



X25

Right Rear Door Wiring Harness to Chassis Wiring Harness

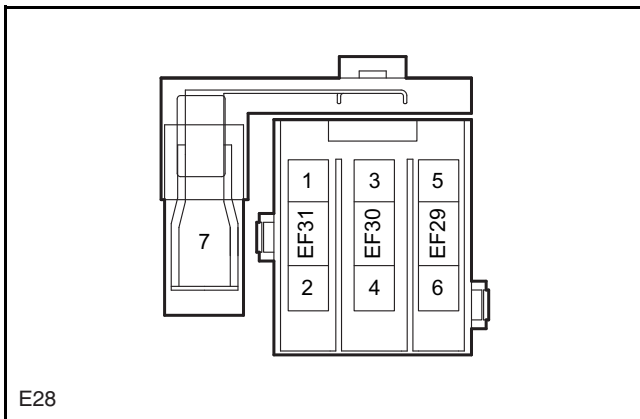
Chassis Wiring Harness to Right Rear Door Wiring Harness



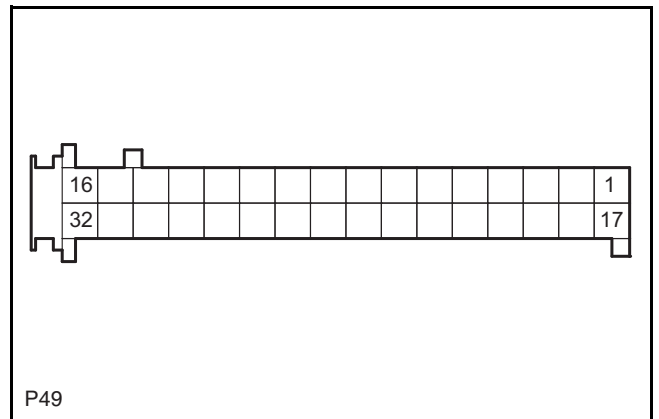
X25a

Battery Positive Fuse Box

BCM-D



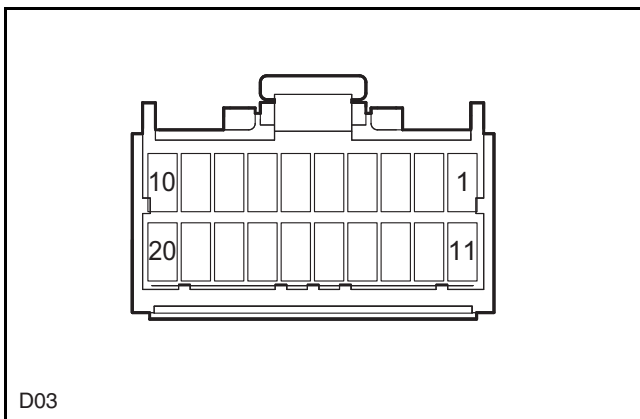
E28



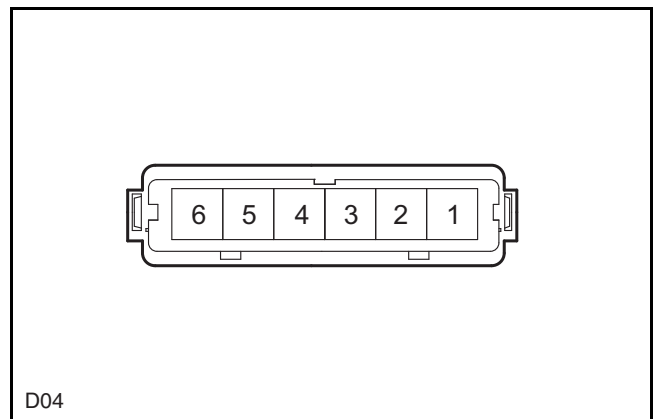
P49

Left Front Door Window Switch

Left Front Glass Regulator Motor

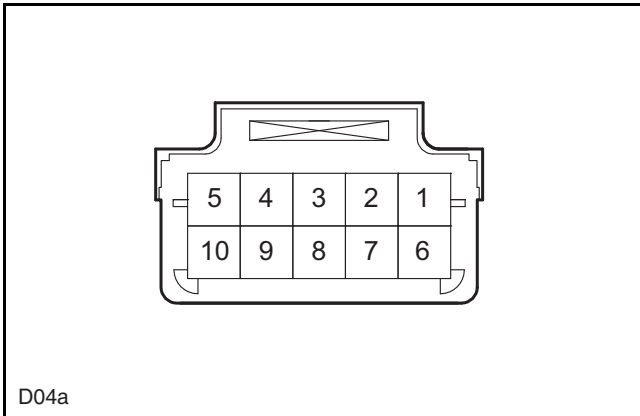


D03

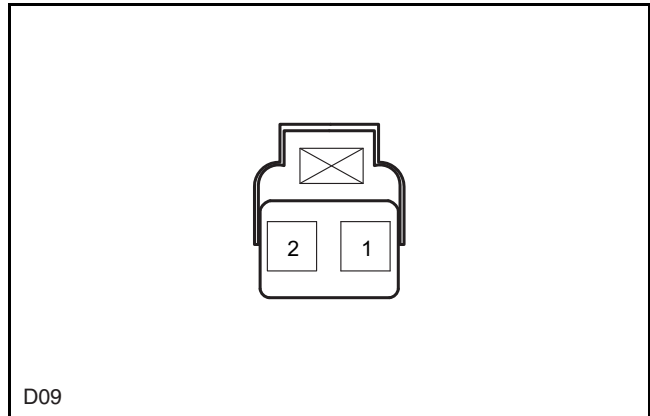


D04

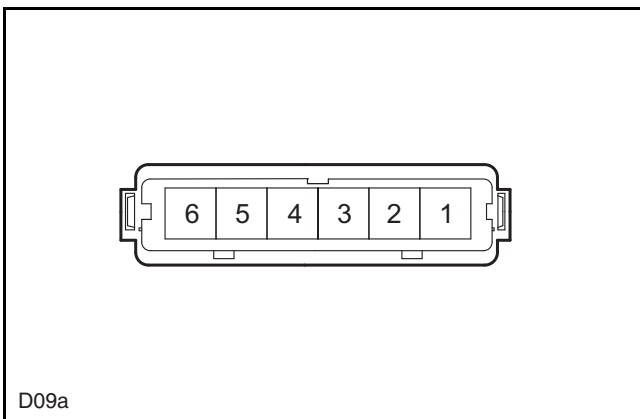
Left Front Glass Regulator Motor



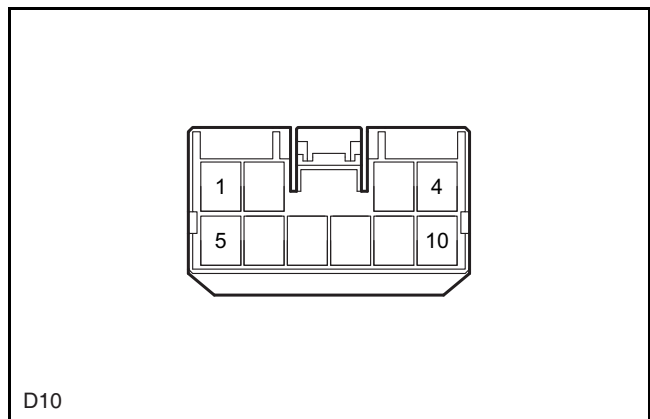
Right Front Glass Regulator Motor



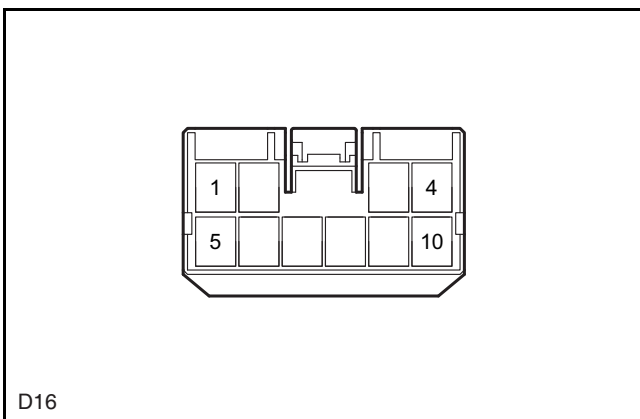
Right Front Glass Regulator Motor



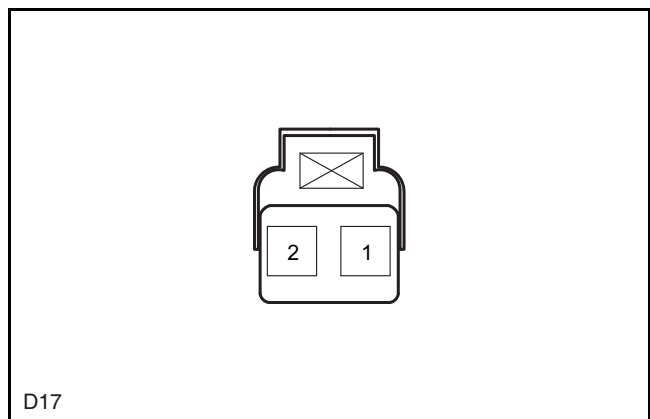
Right Front Door Window Switch



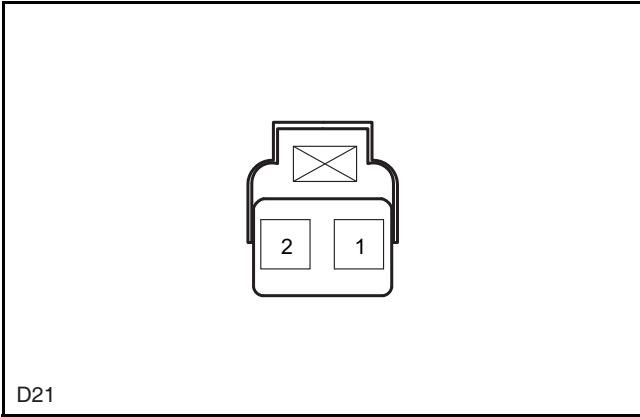
Left Rear Door Window Switch



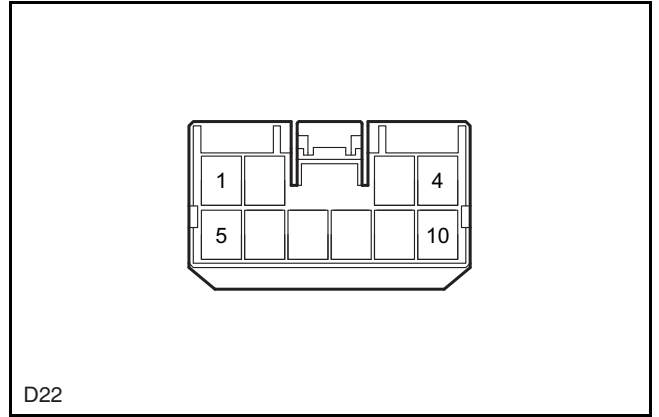
Left Rear Glass Regulator Motor



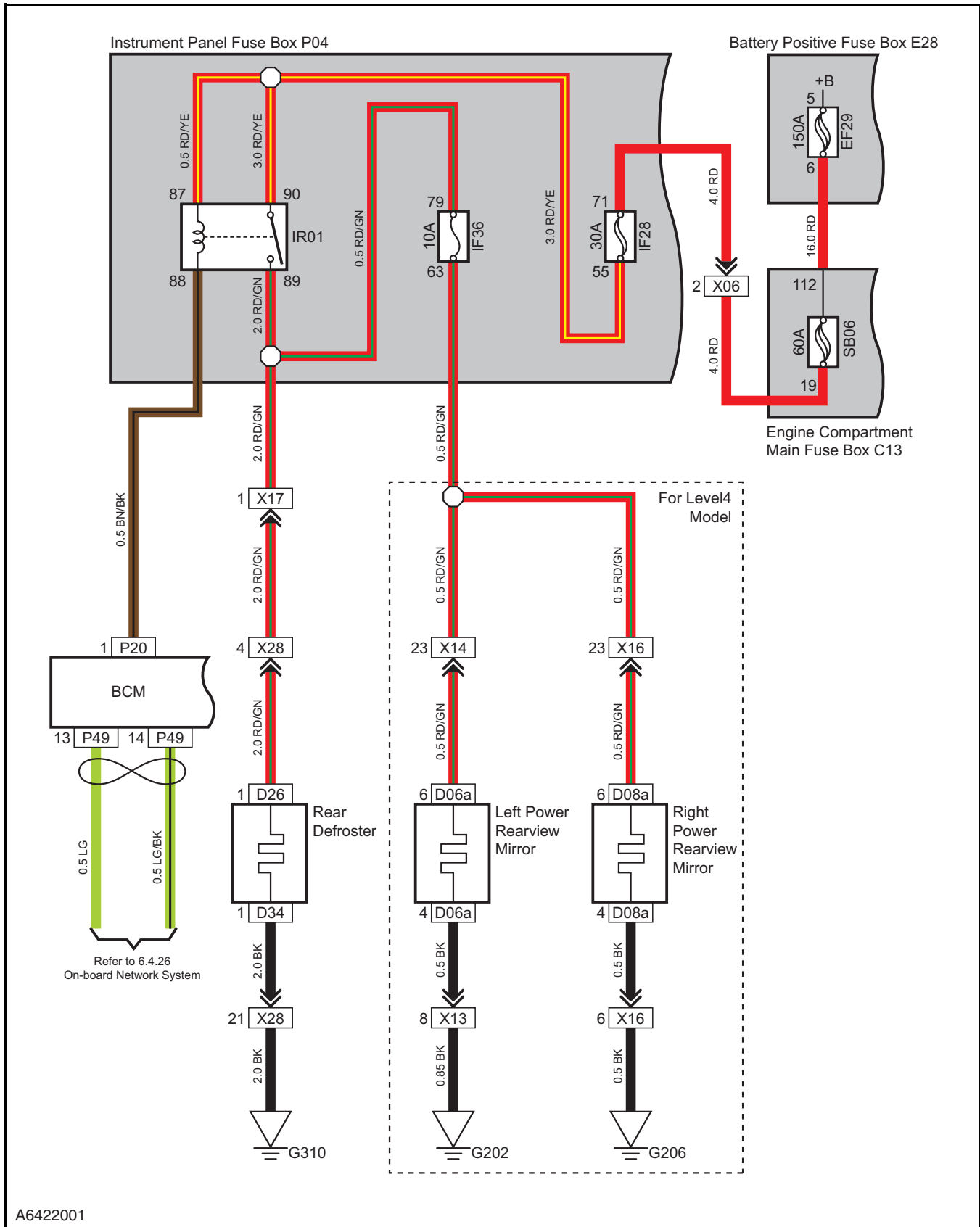
Right Rear Glass Regulator Motor



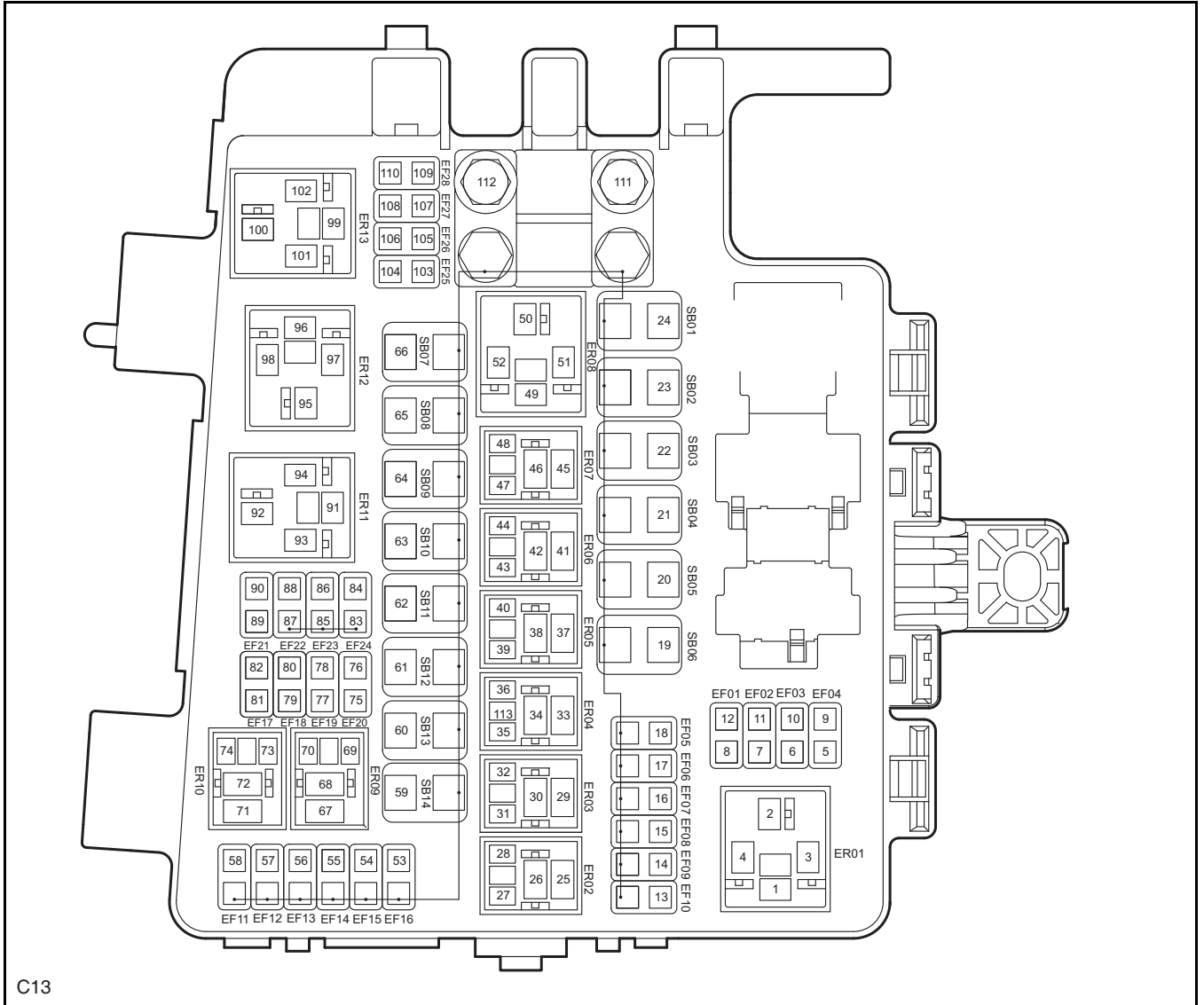
Right Rear Door Window Switch



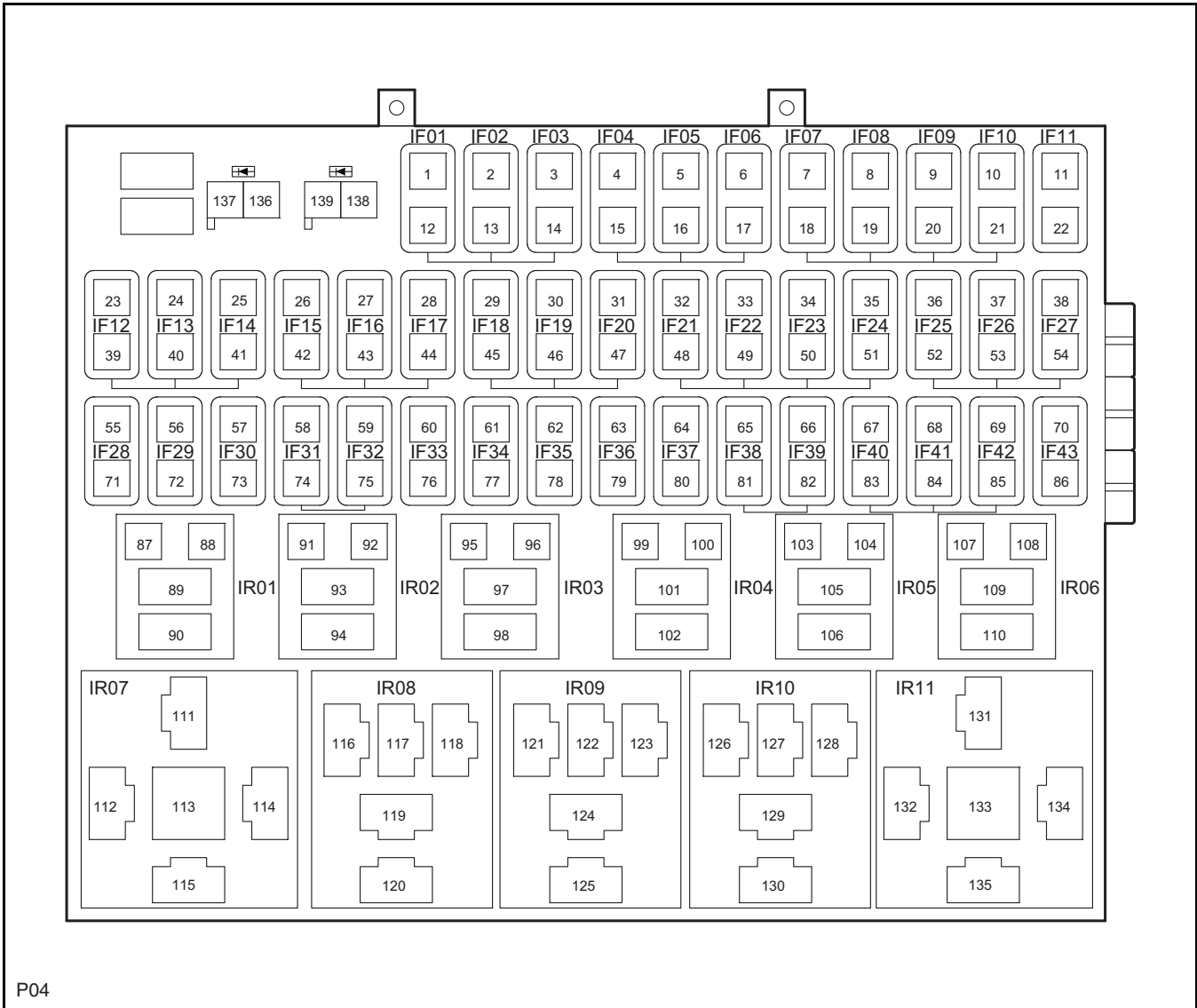
Defroster



Engine Compartment Main Fuse Box

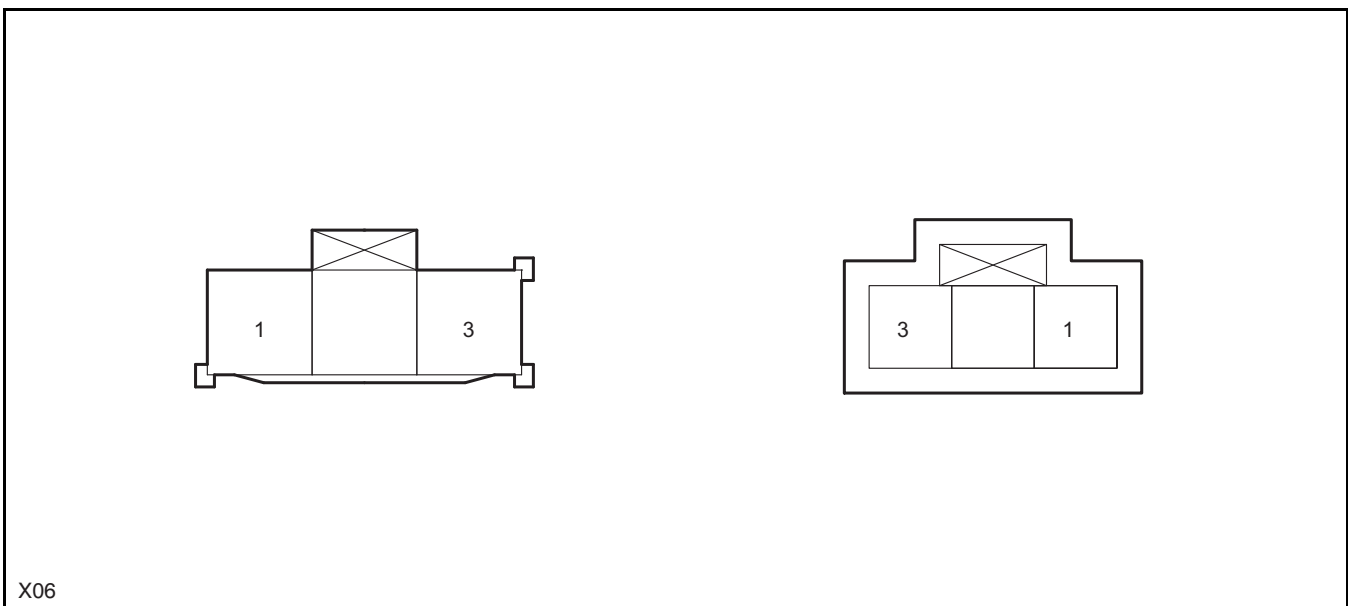


Instrument Panel Fuse Box



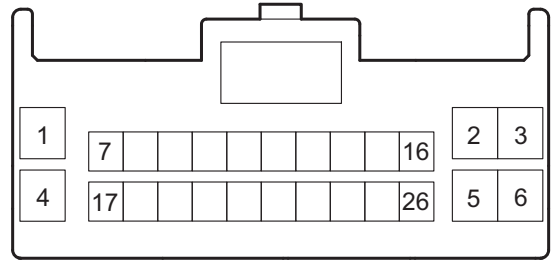
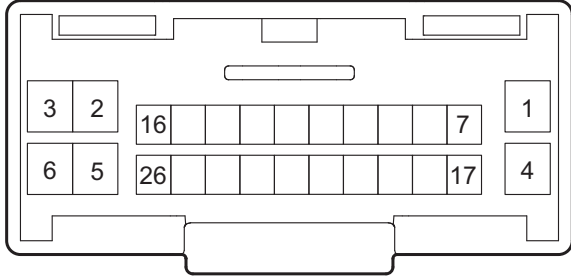
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

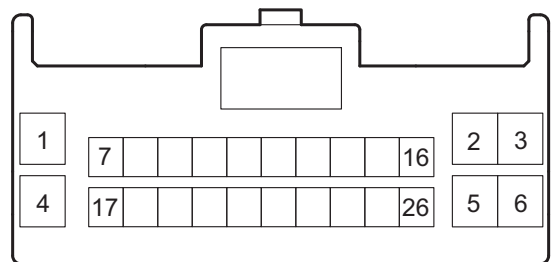
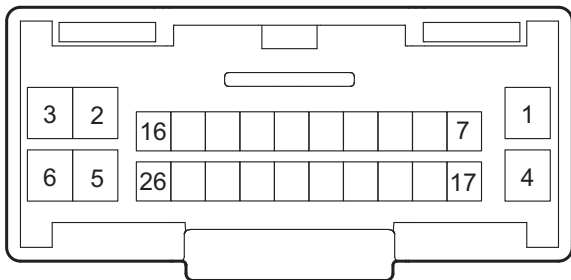
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

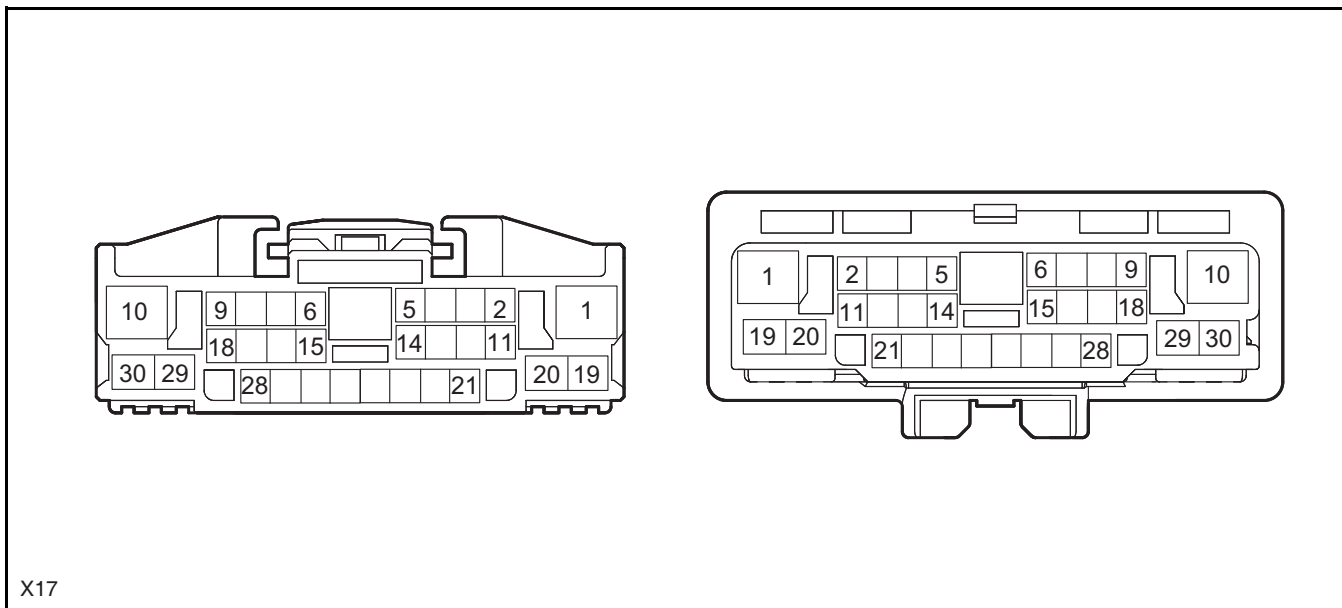
Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X16

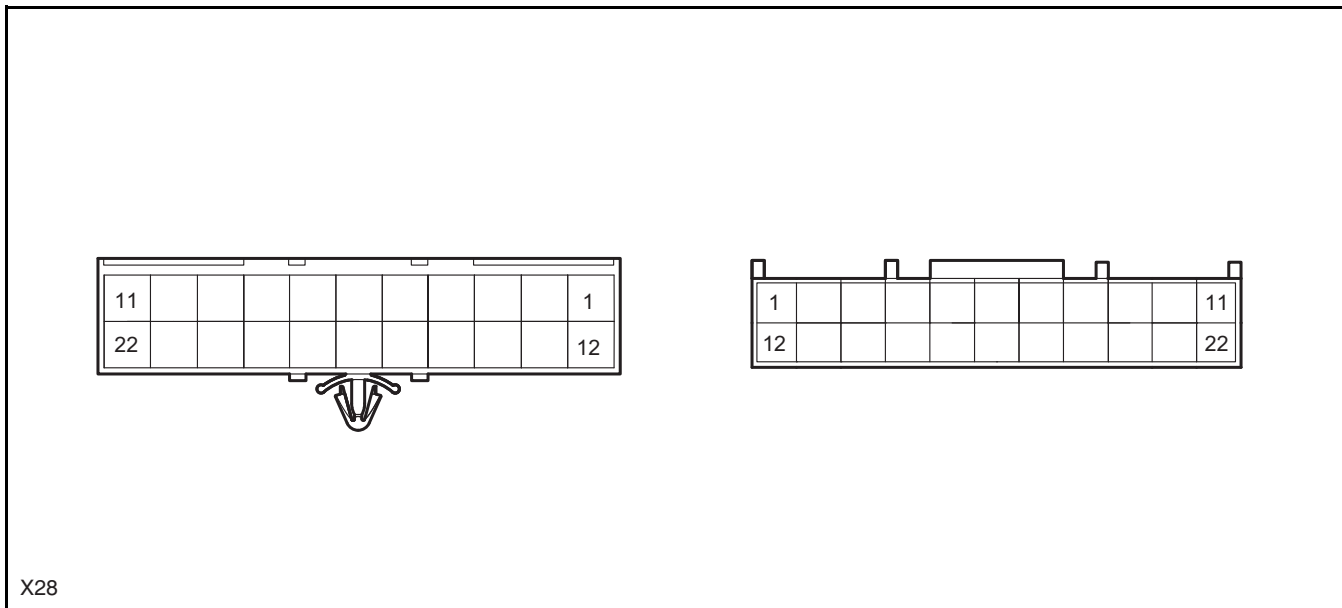
Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



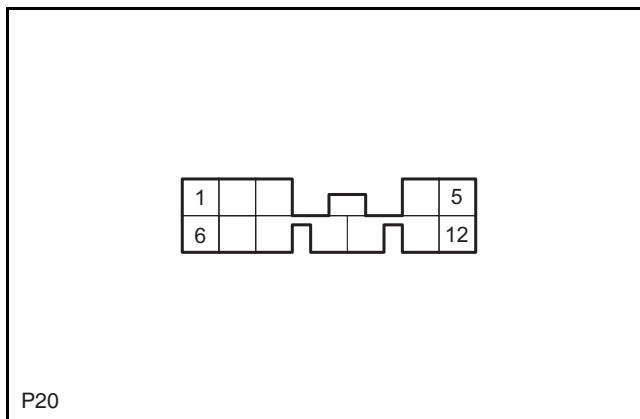
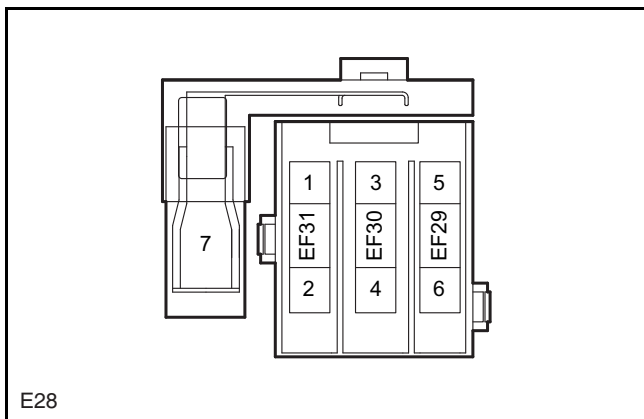
Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness

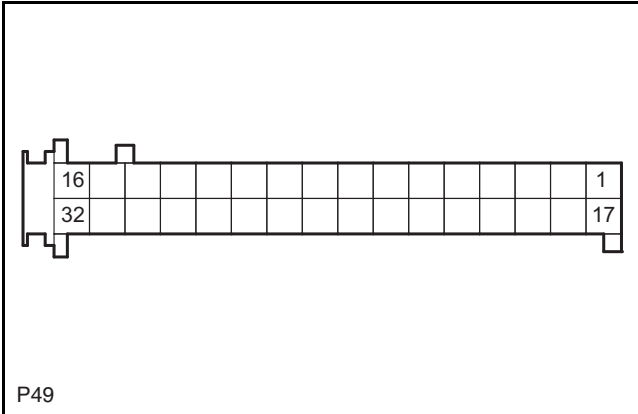


Battery Positive Fuse Box

BCM-A

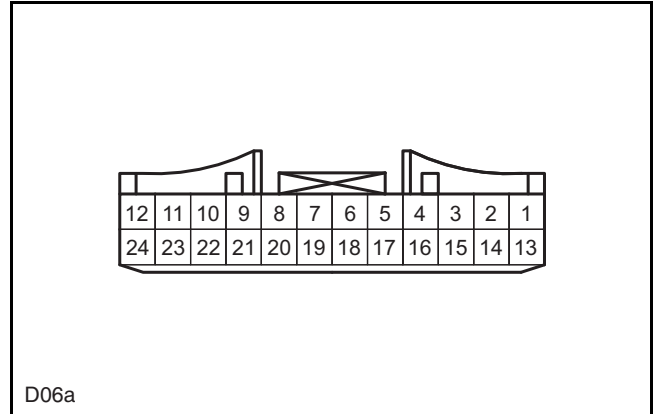


BCM-D



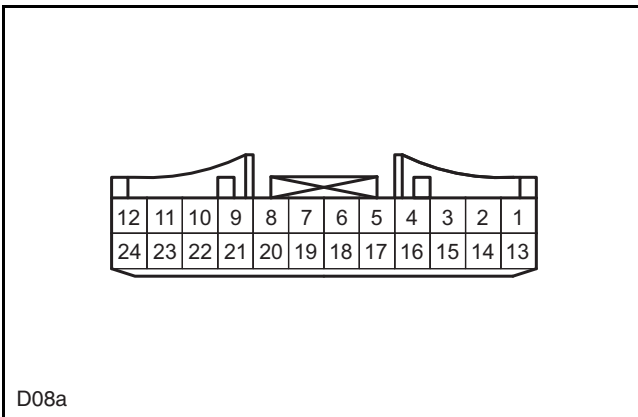
P49

Left Power Rearview Mirror



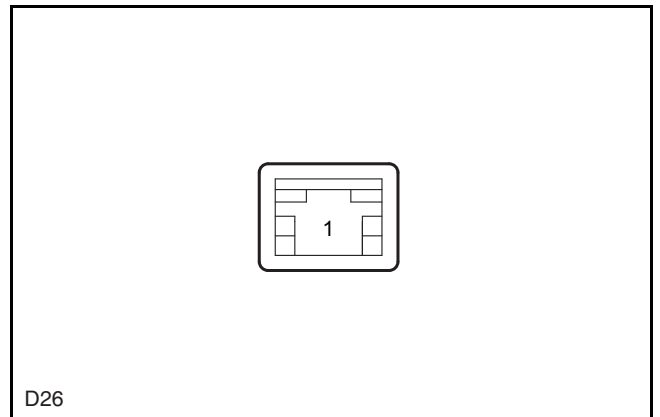
D06a

Right Power Rearview Mirror



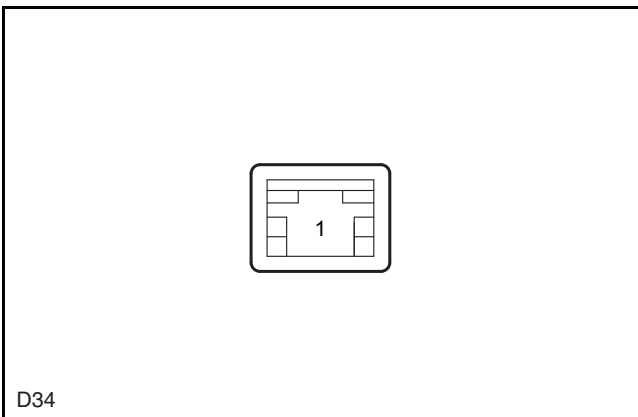
D08a

Rear Defroster Positive



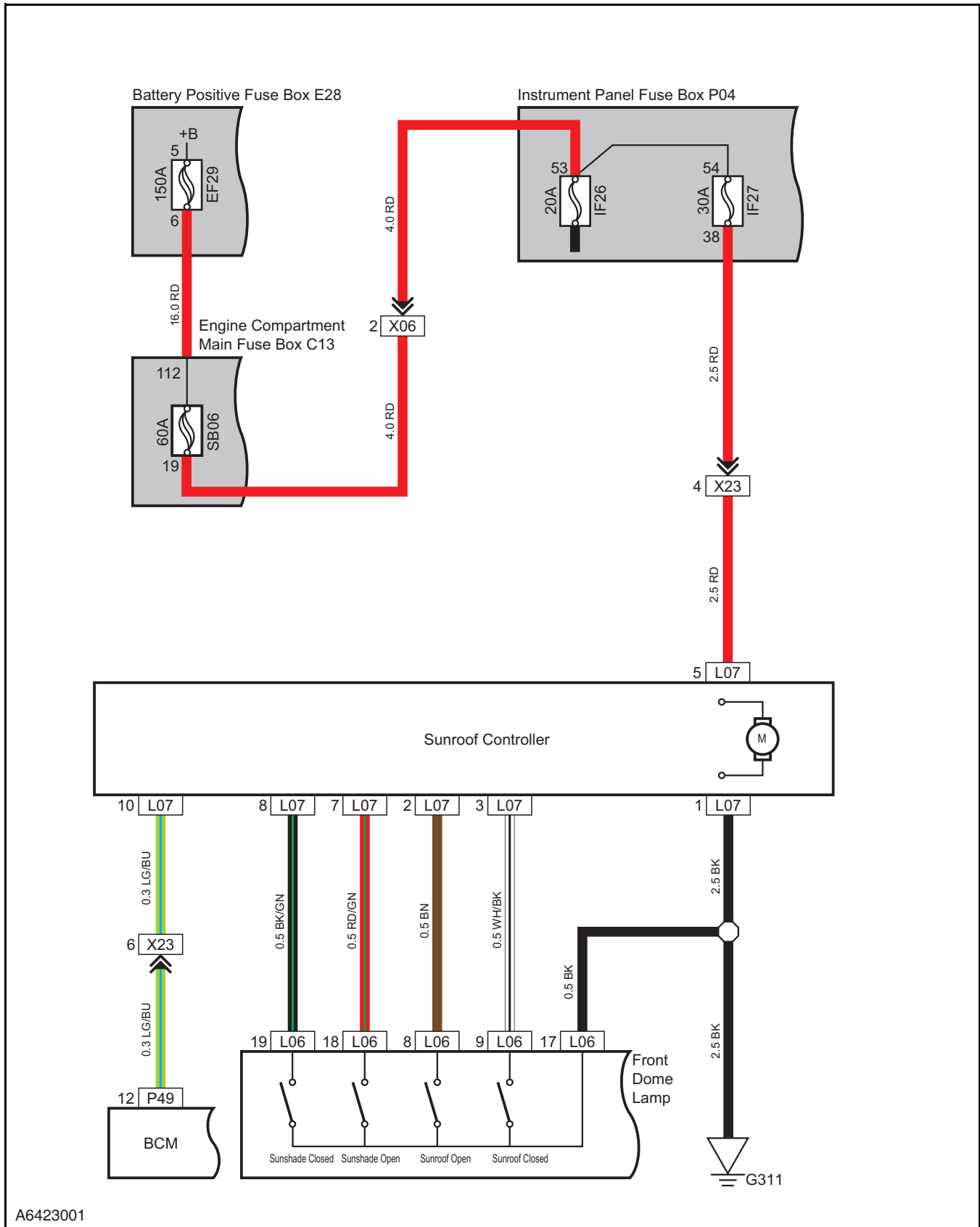
D26

Rear Defroster Negative



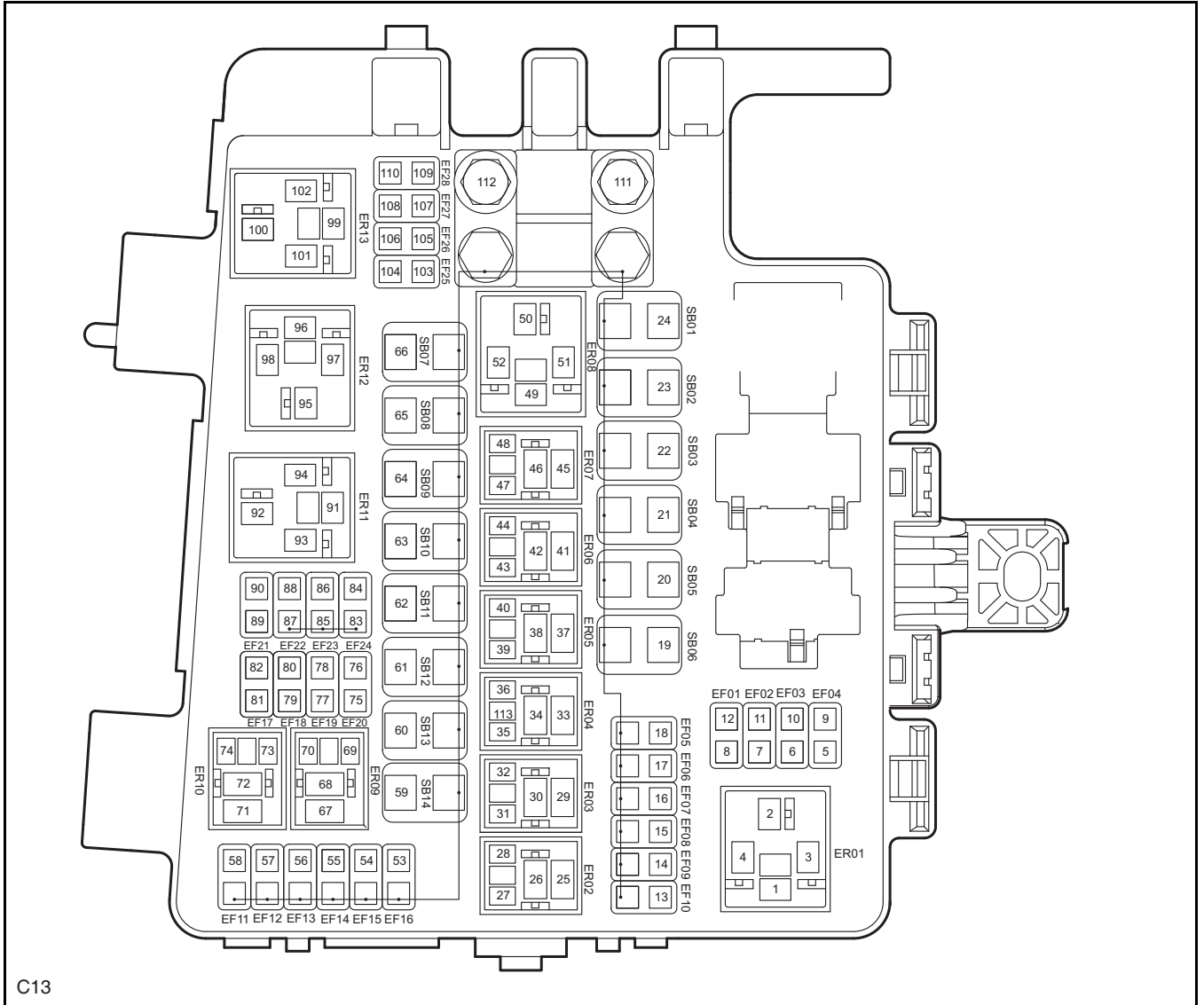
D34

Sunroof

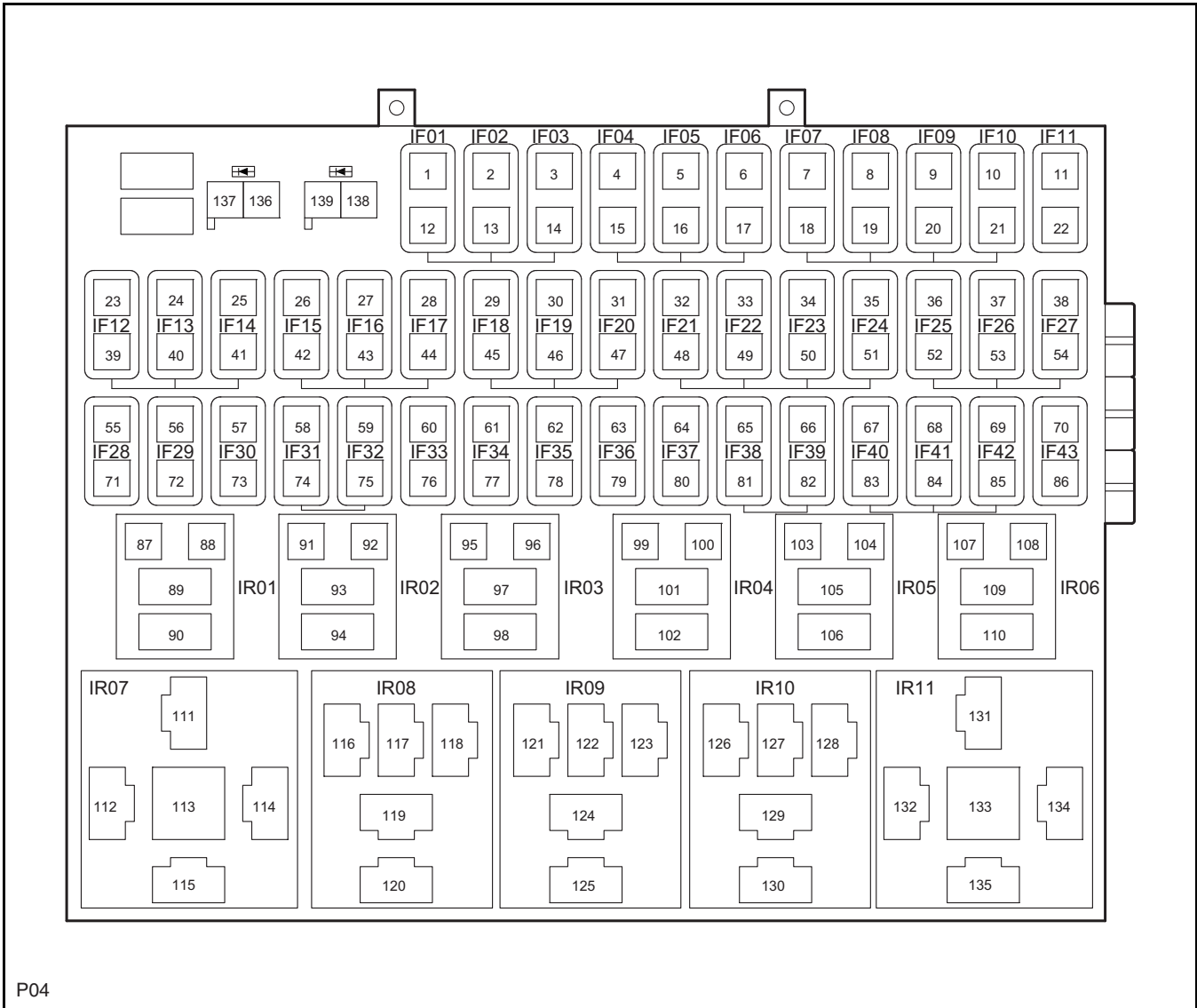


A6423001

Engine Compartment Main Fuse Box

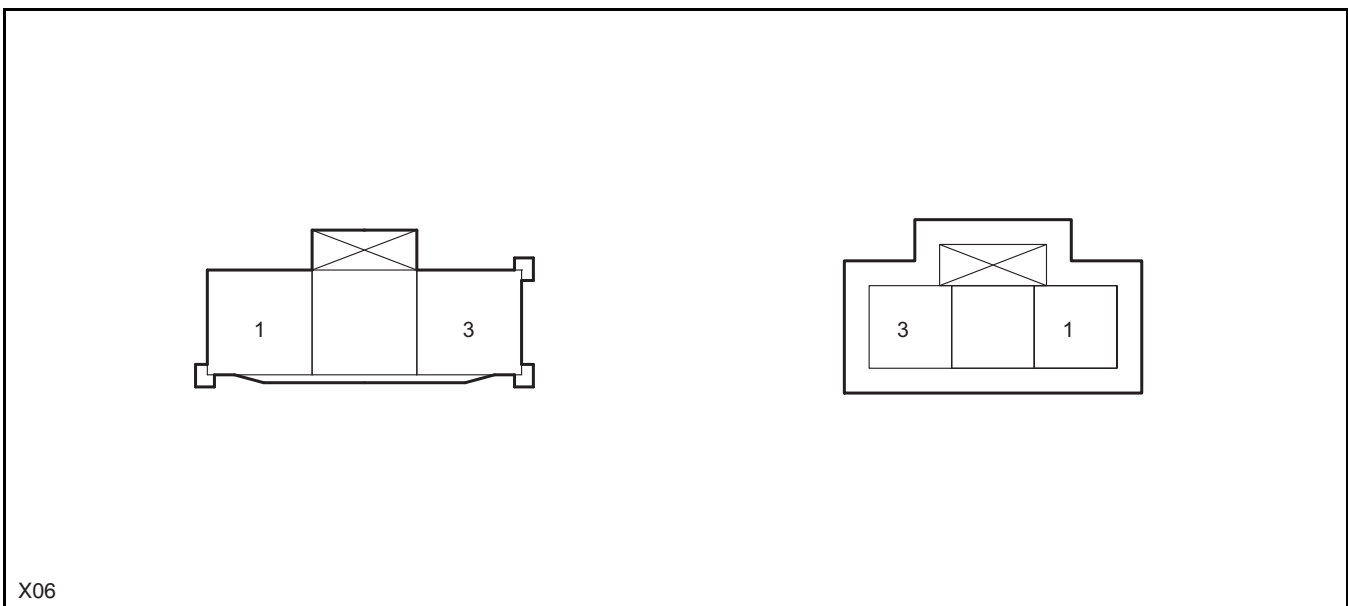


Instrument Panel Fuse Box



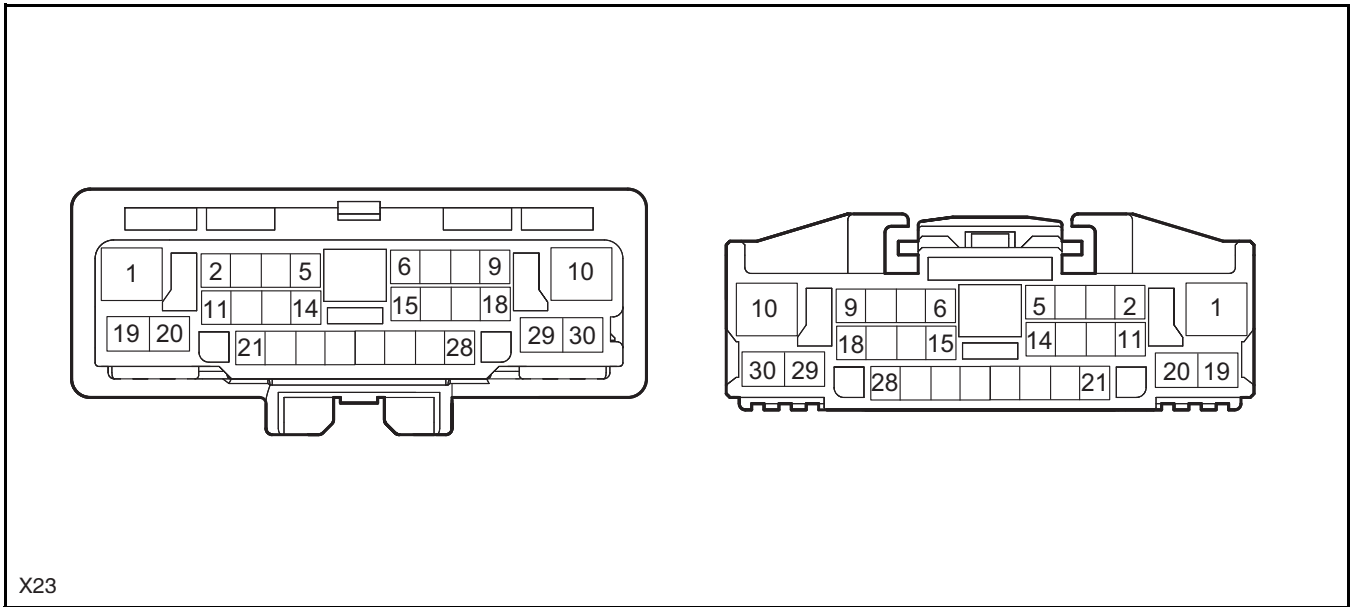
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



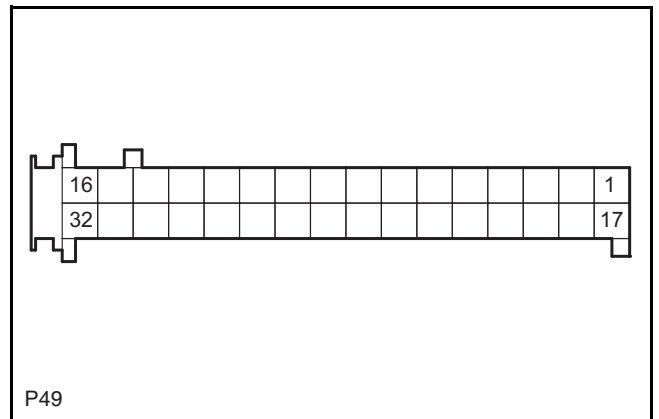
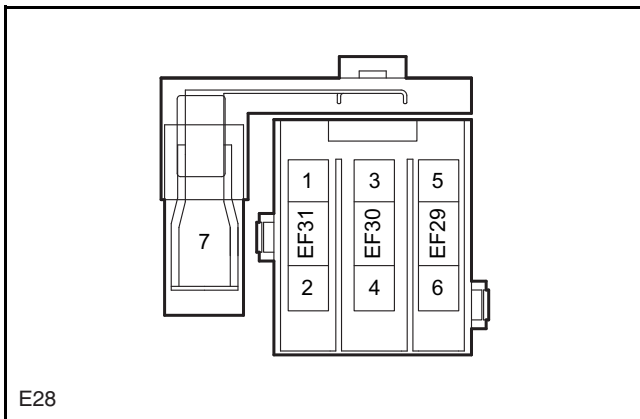
Roof Wiring Harness to Instrument Panel Wiring Harness

Instrument Panel Wiring Harness to Roof Wiring Harness



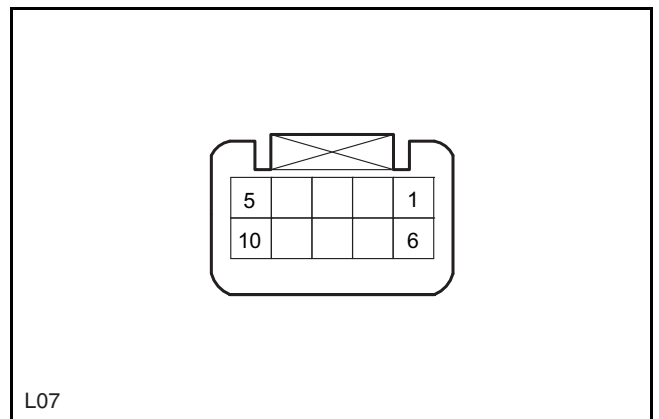
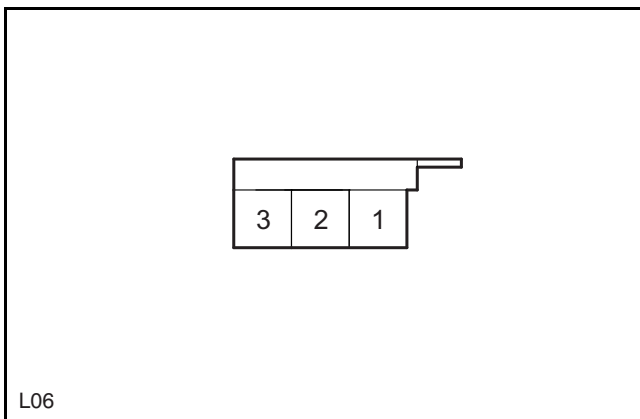
Battery Positive Fuse Box

BCM-D

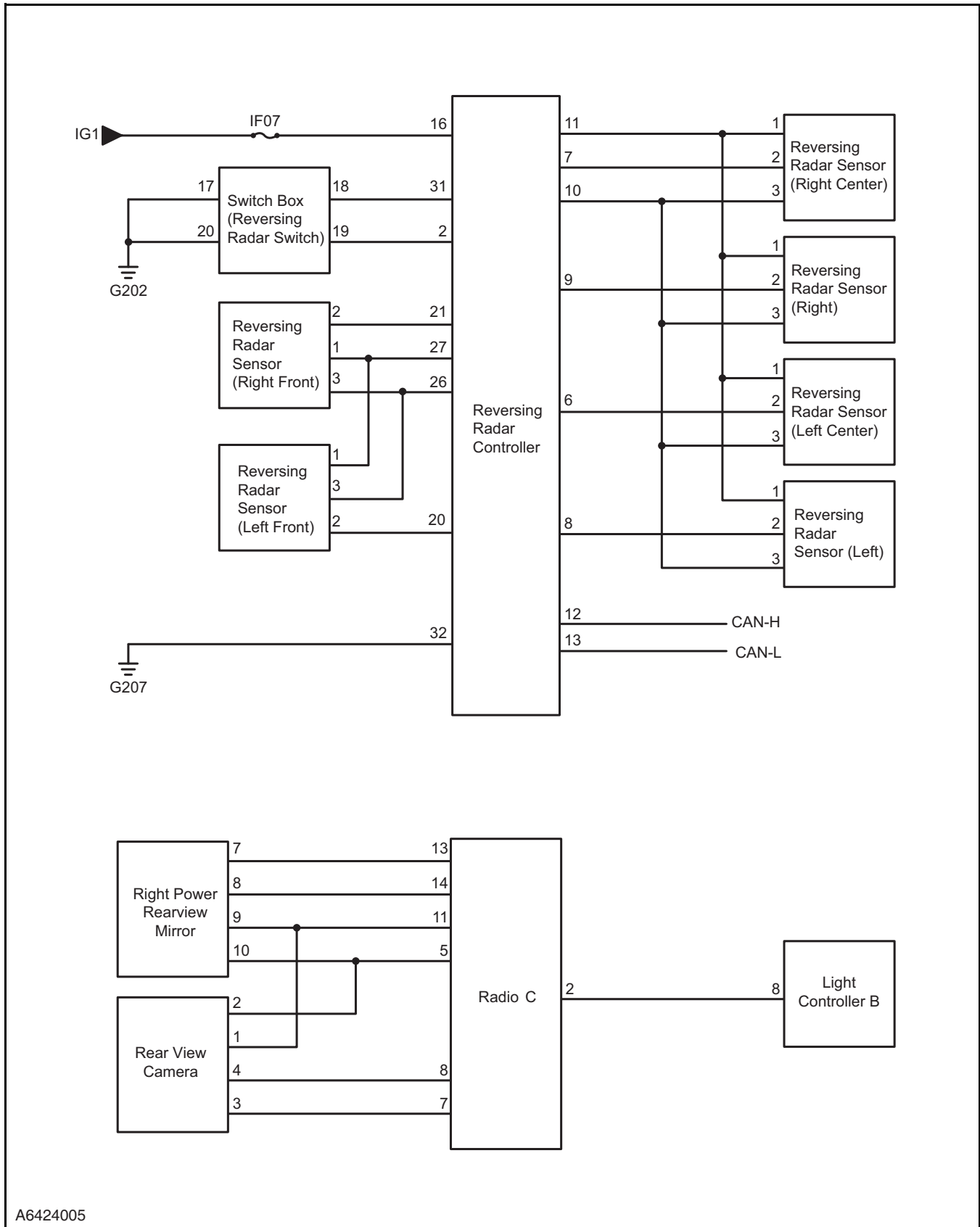


Front Dome Lamp

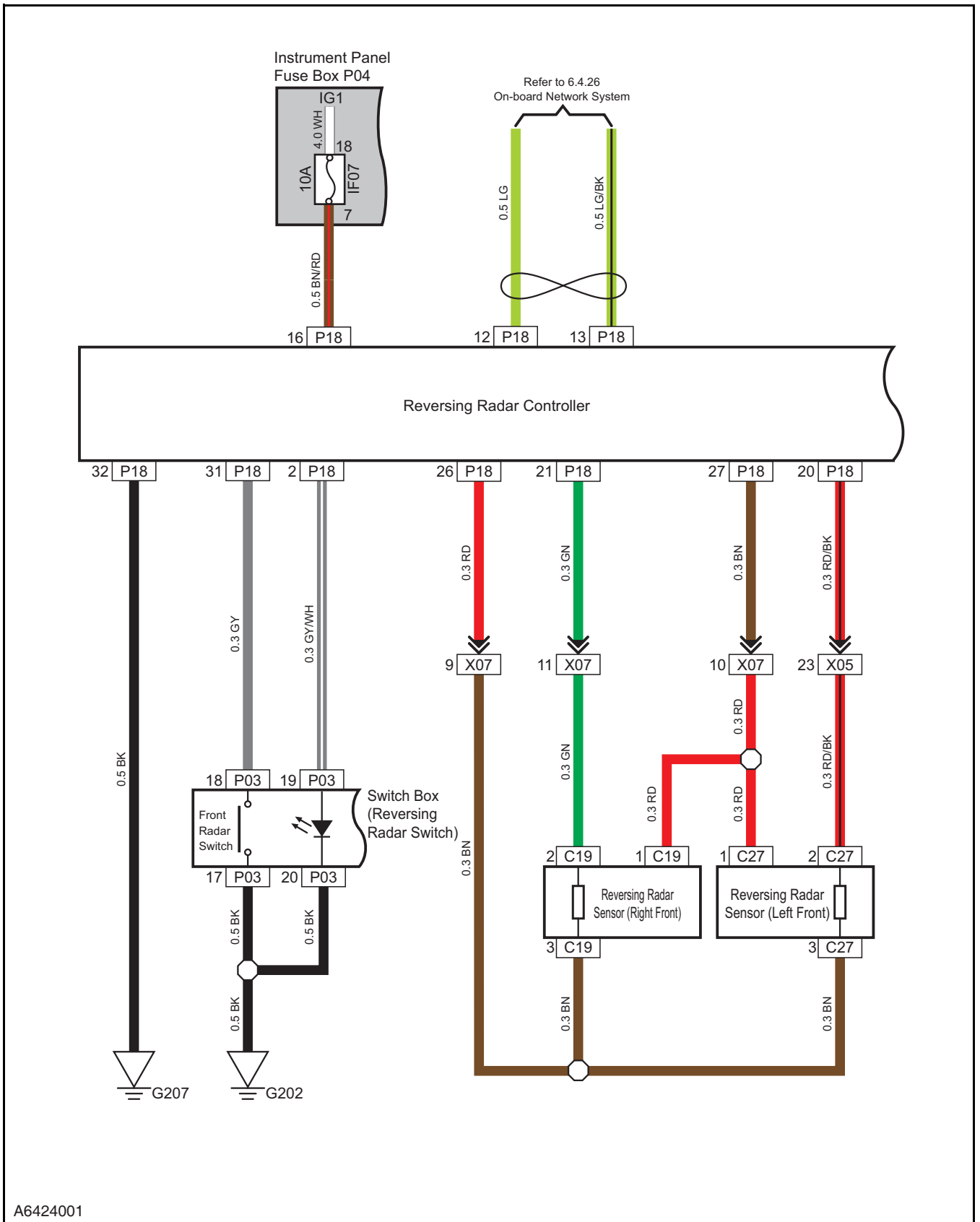
Sunroof Controller



Parking Assist System

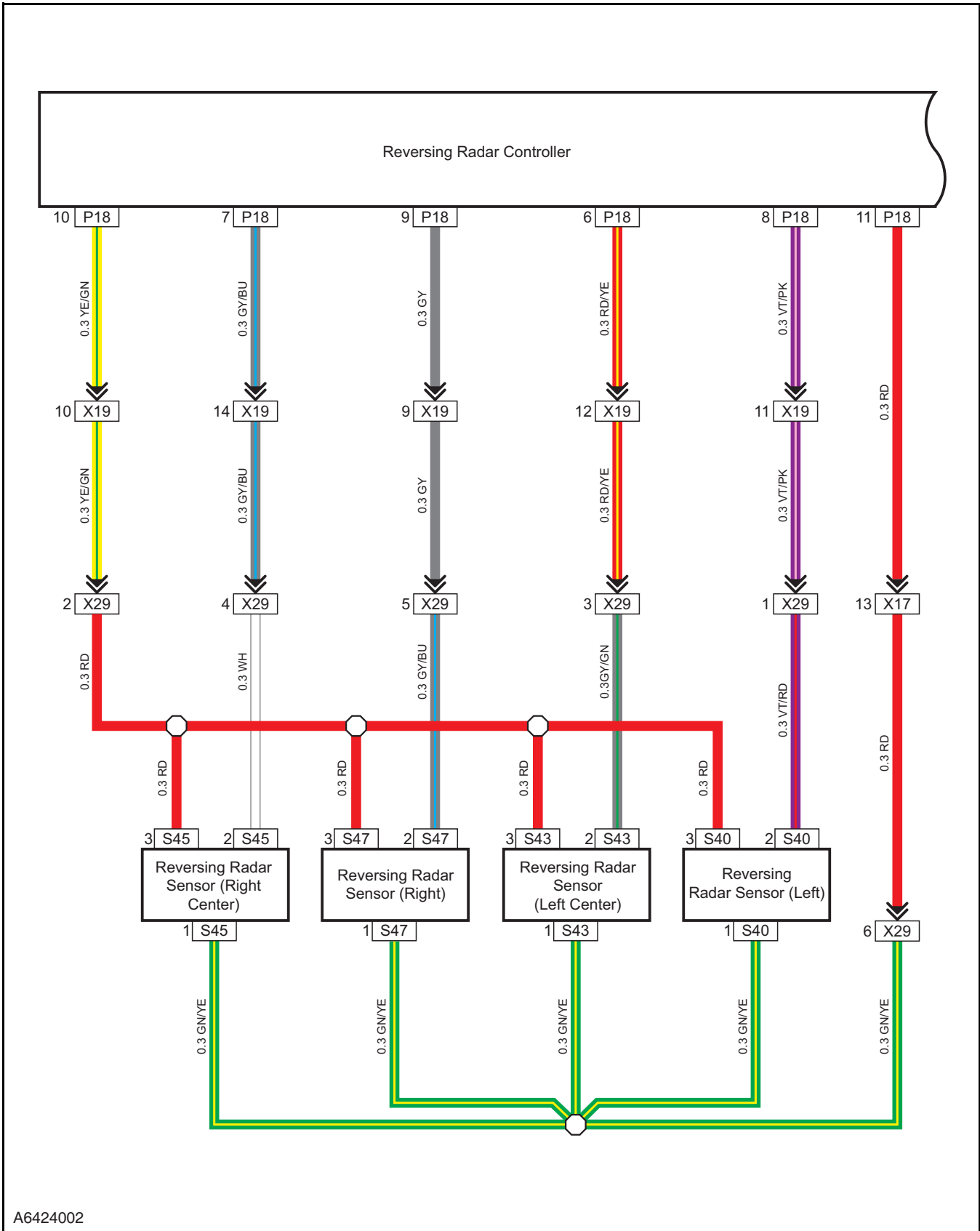


Power Supply and Switches

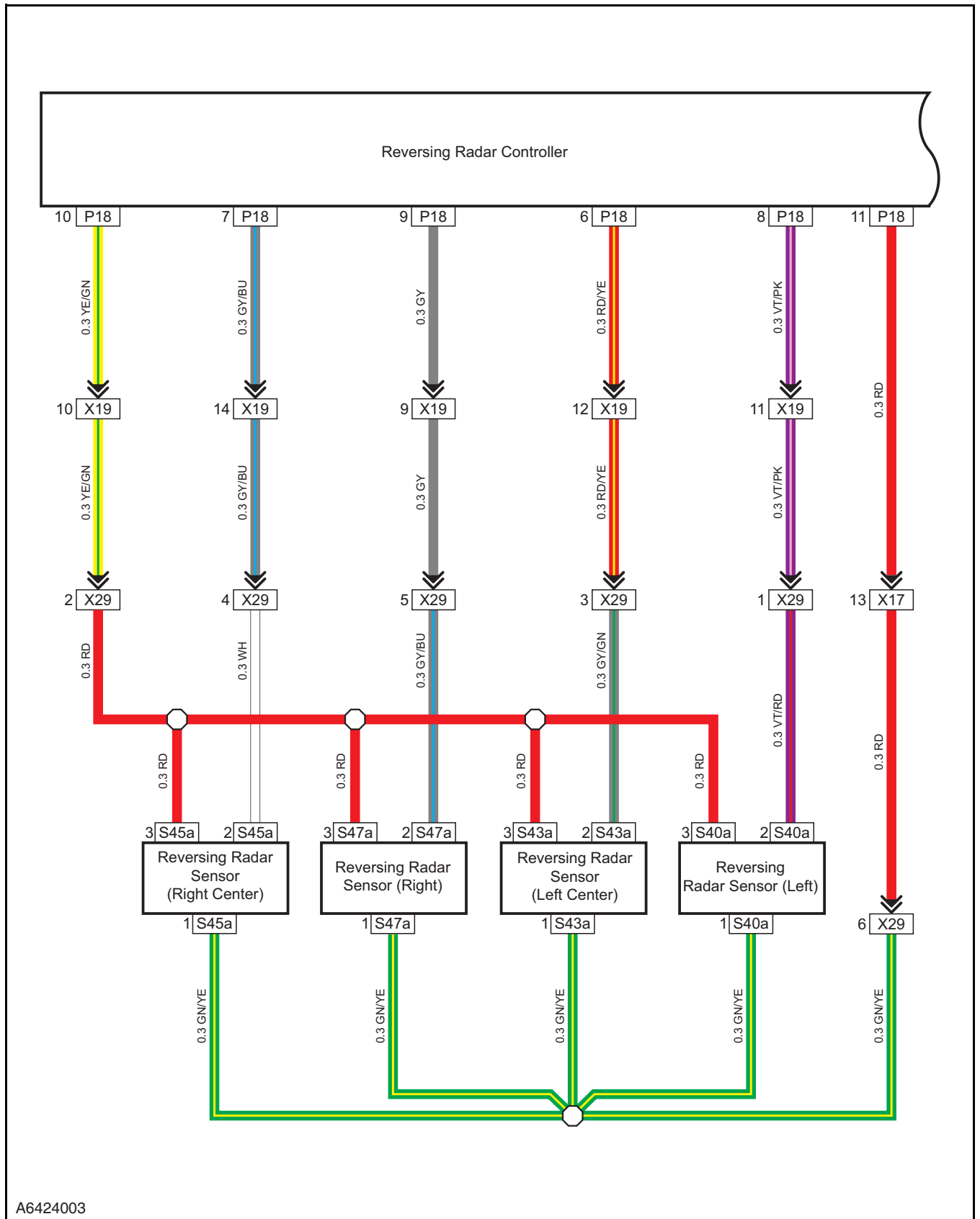


A6424001

Reversing Radar Sensor (for Level1 Model)

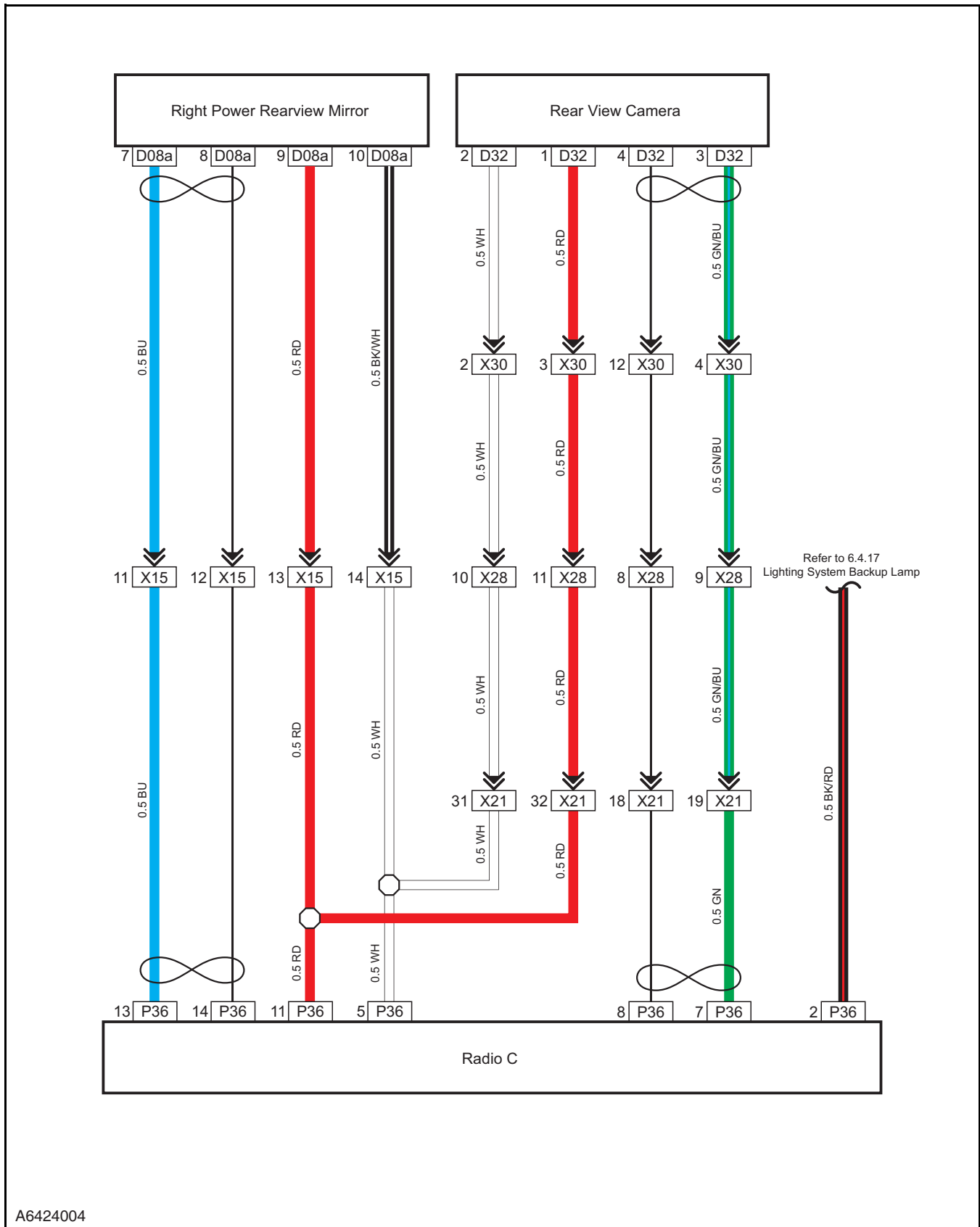


Reversing Radar Sensor (for Level2, Level3, Level4 Models)



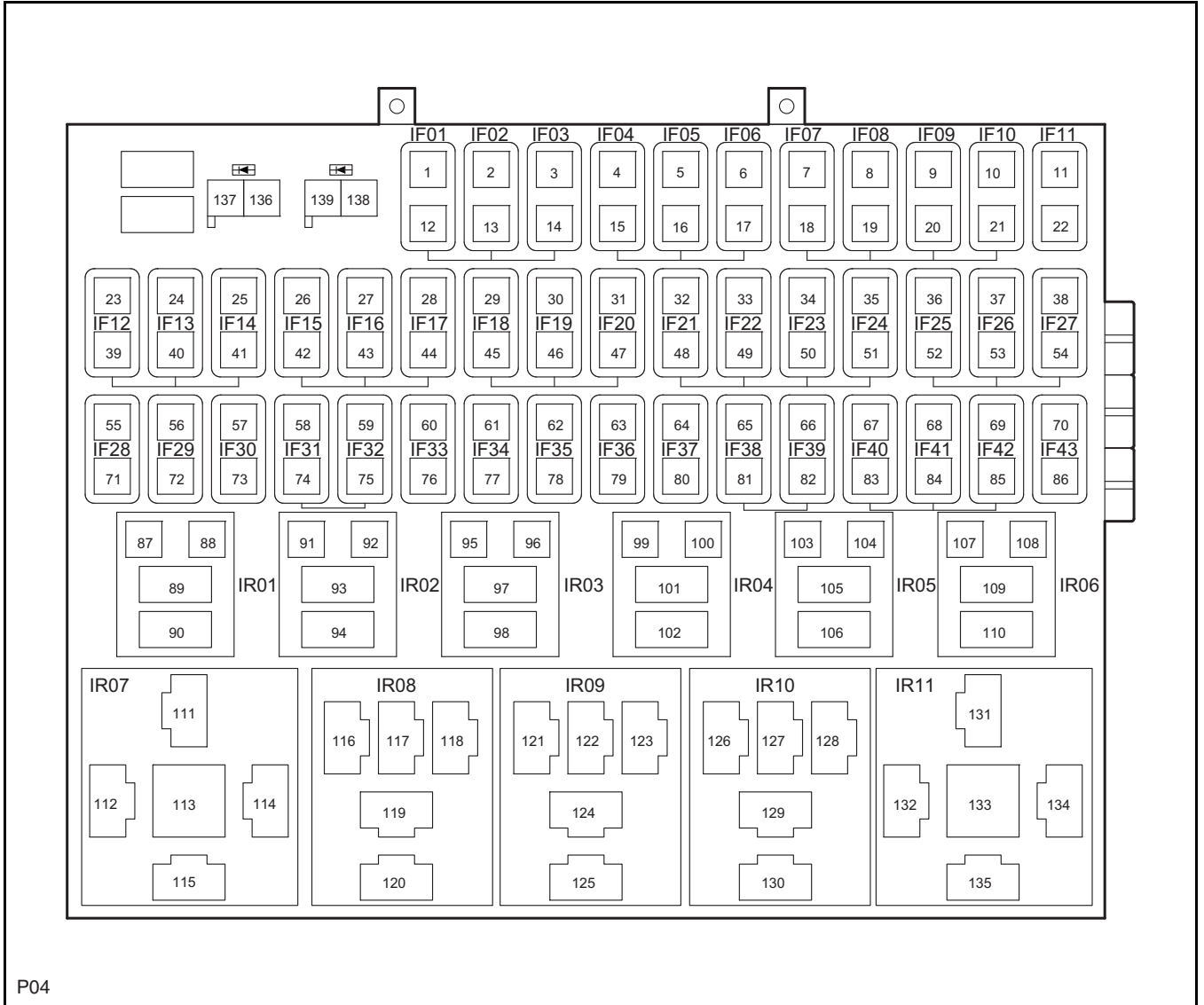
A6424003

Rearview Monitor (for Level2, Level3 Models)



A6424004

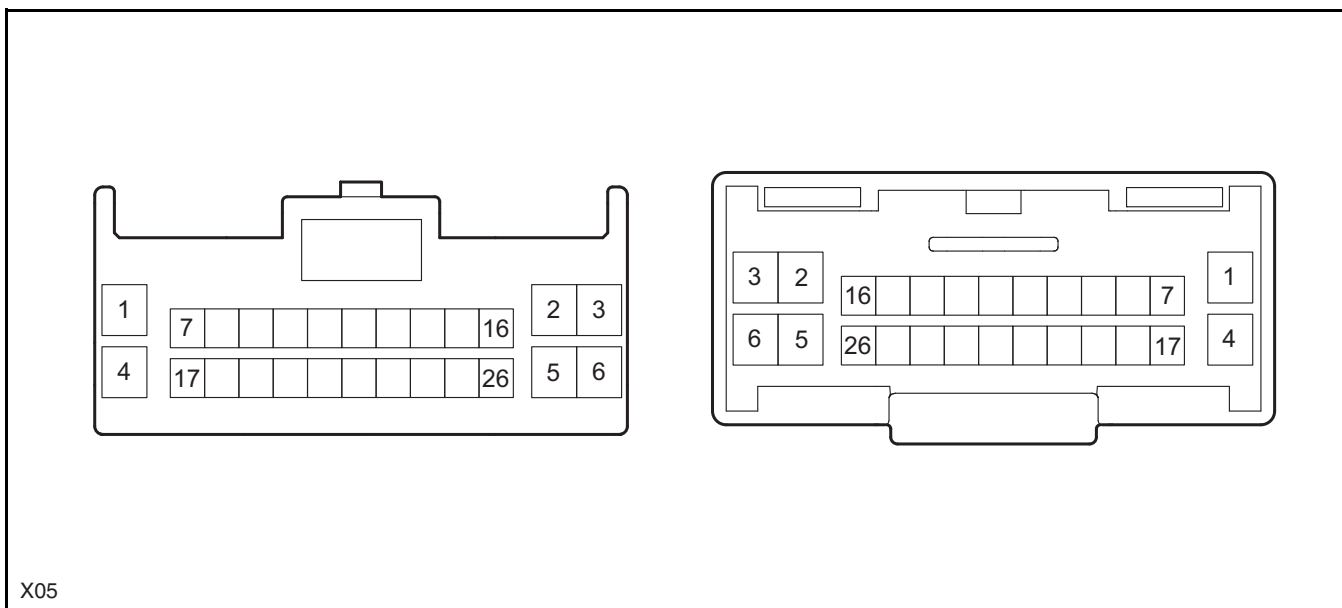
Instrument Panel Fuse Box



P04

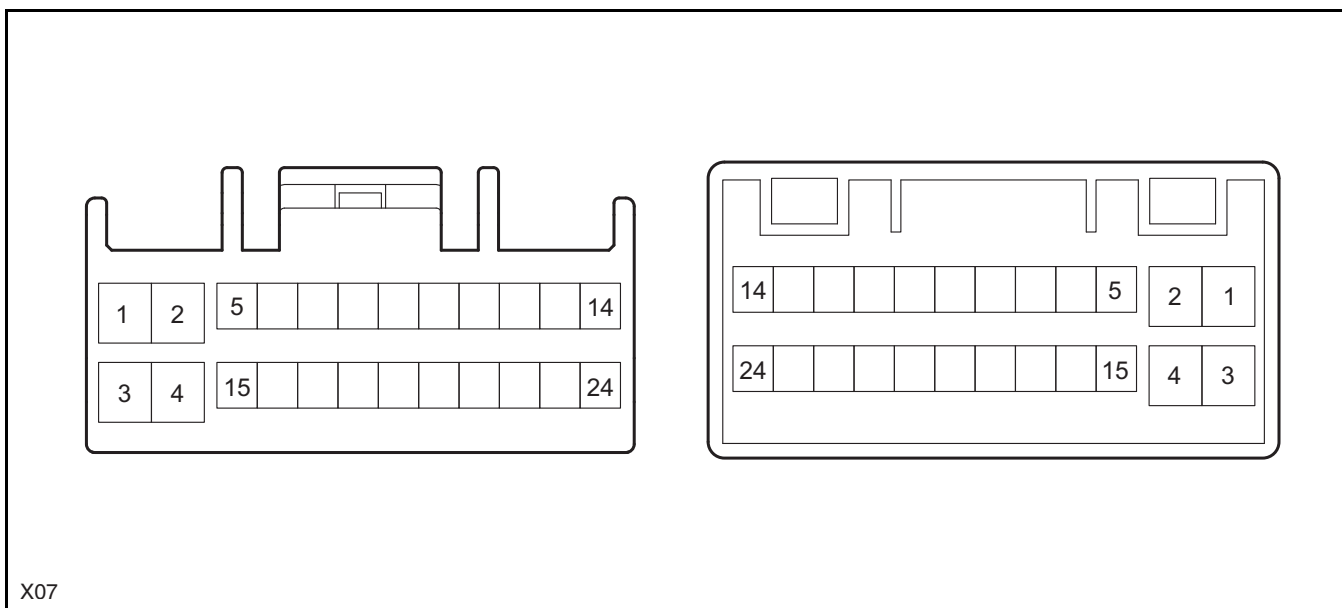
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



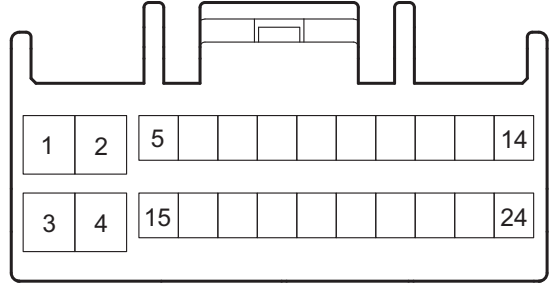
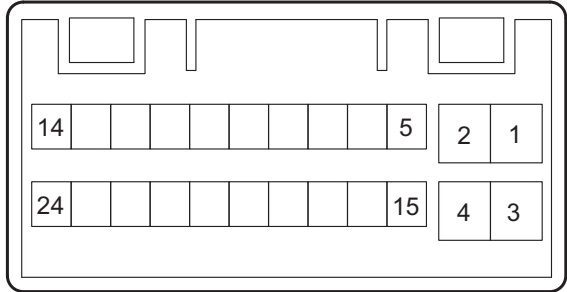
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



Instrument Panel Wiring Harness to Right Front Door Wiring Harness - 1

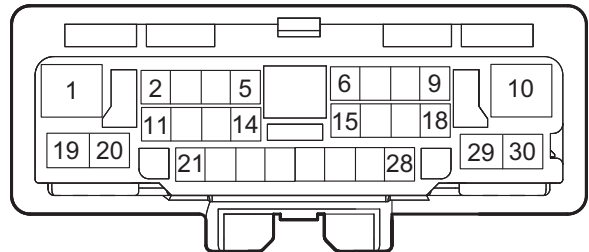
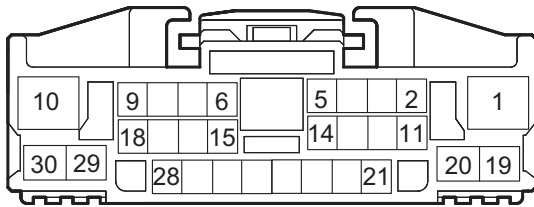
Right Front Door Wiring Harness to Instrument Panel Wiring Harness - 1



X15

Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

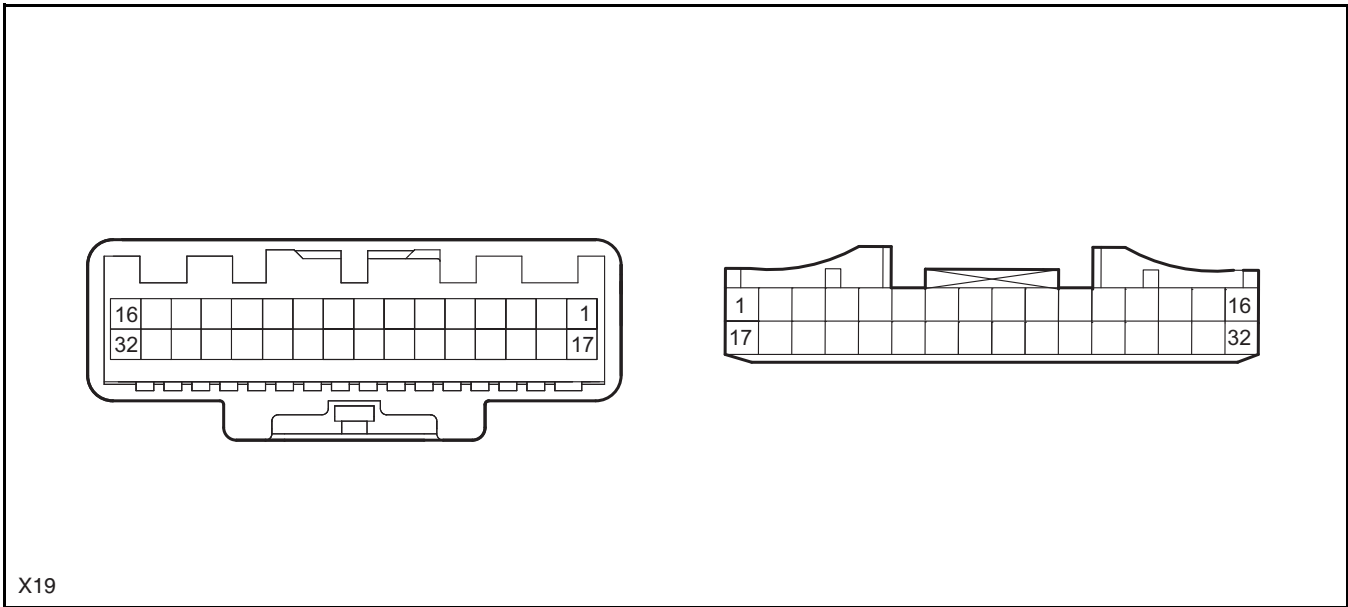
Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



X17

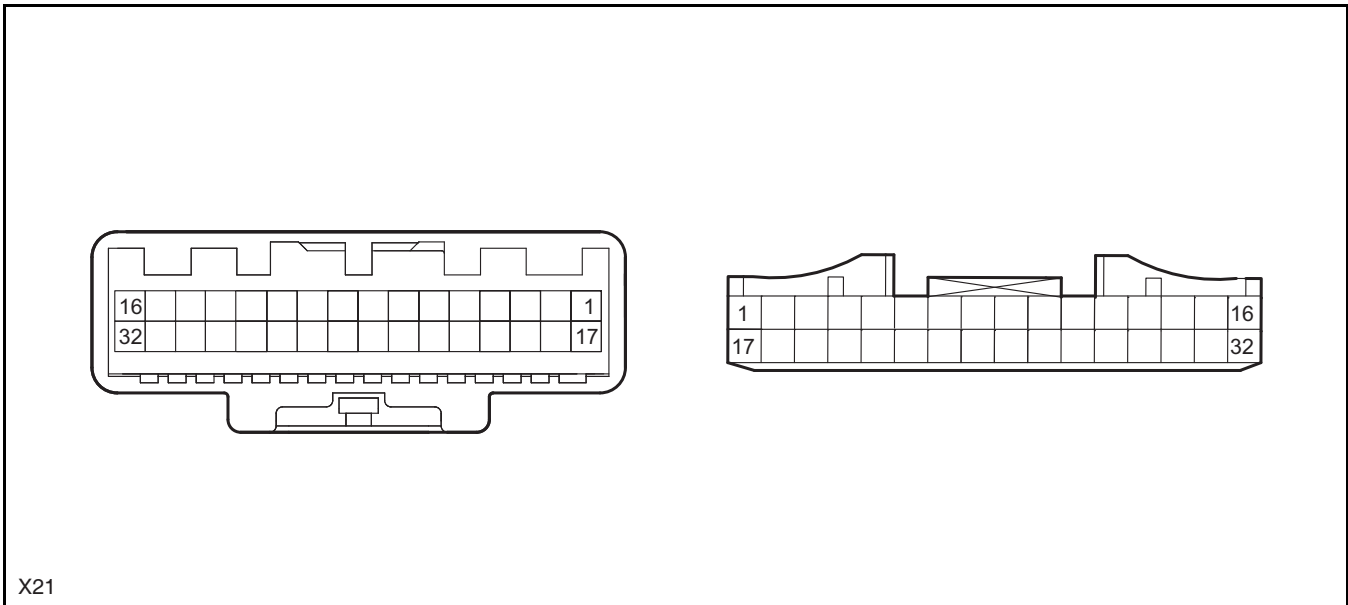
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



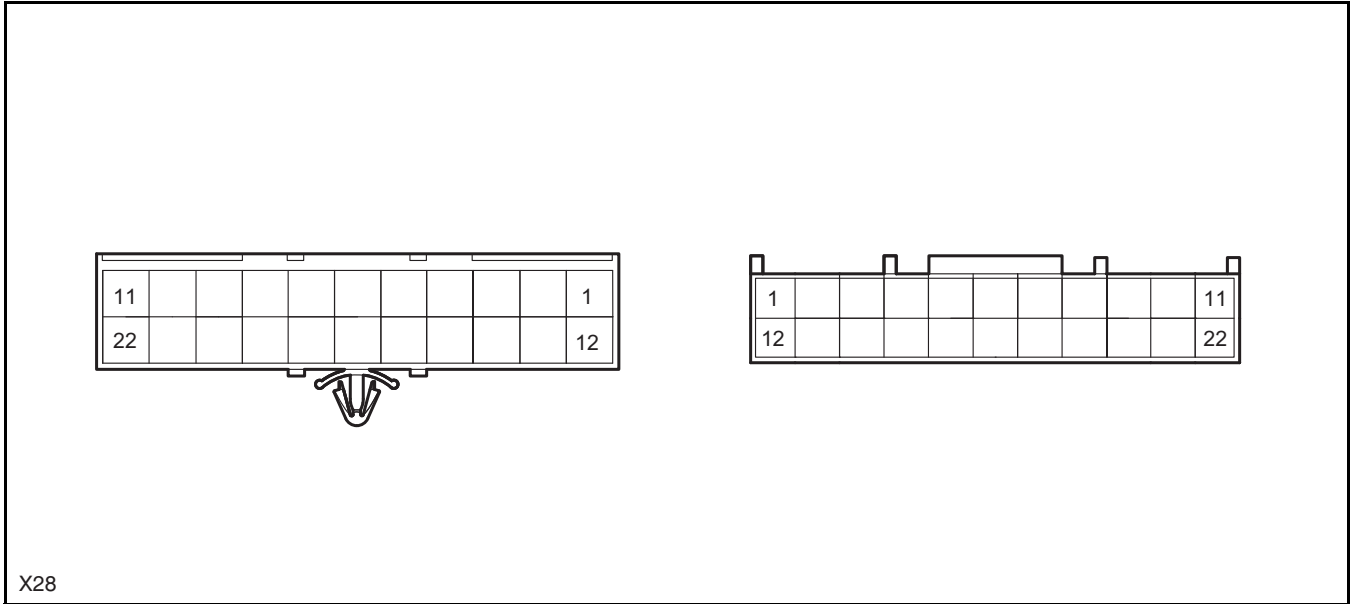
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 1



Back Door Wiring Harness to Chassis Wiring Harness

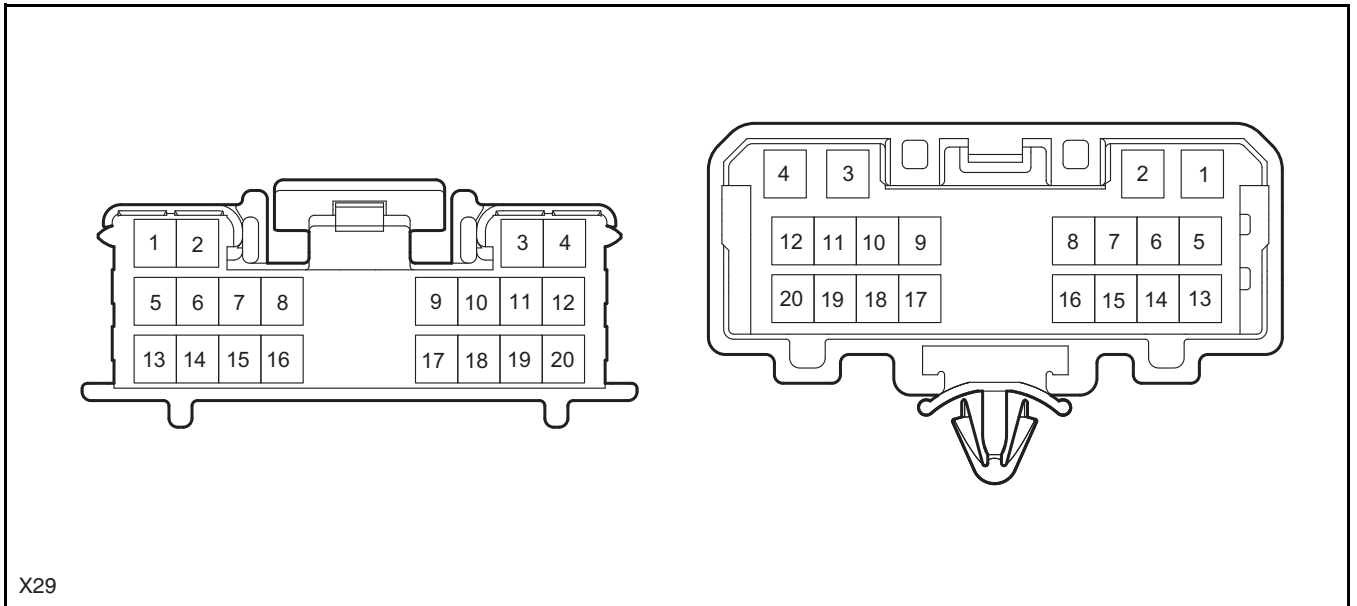
Chassis Wiring Harness to Back Door Wiring Harness



X28

Rear Bumper Wiring Harness to Chassis Wiring Harness

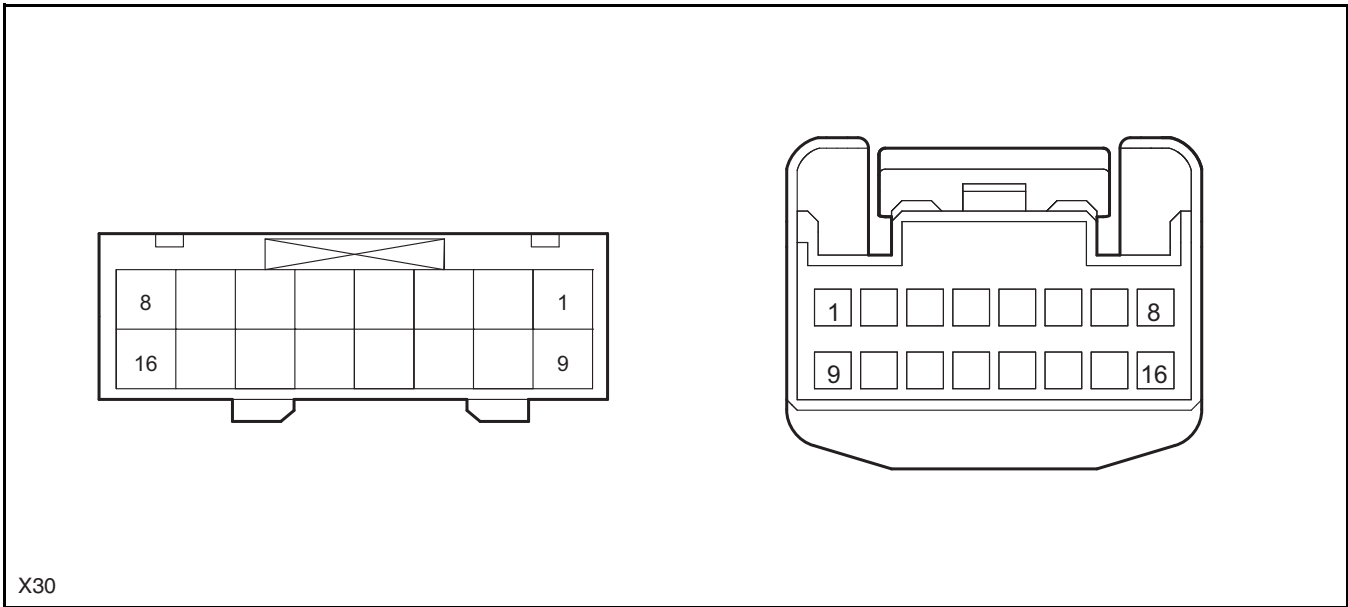
Chassis Wiring Harness to Rear Bumper Wiring Harness



X29

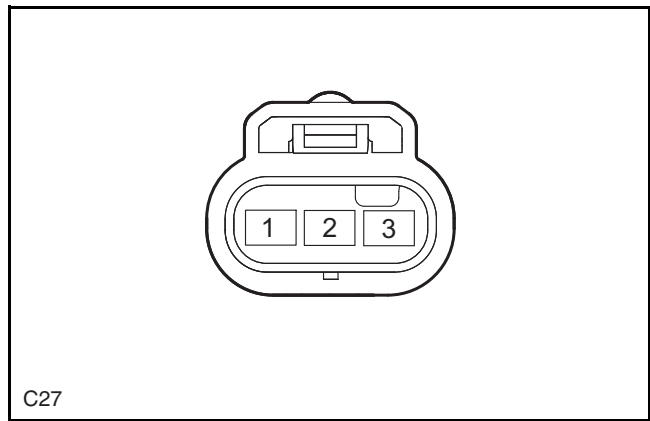
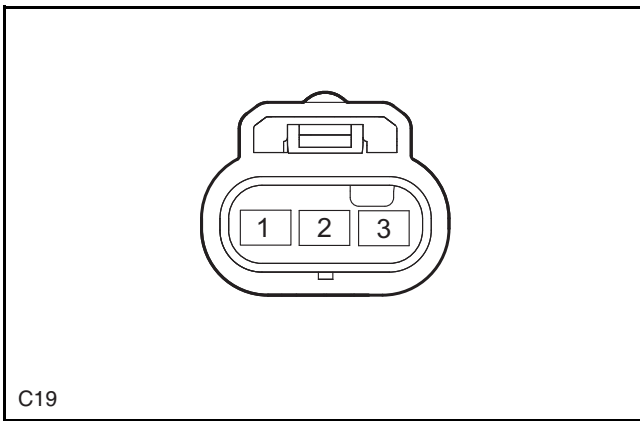
Back Door Wiring Harness to License Plate Lamp Wiring Harness

License Plate Lamp Wiring Harness to Back Door



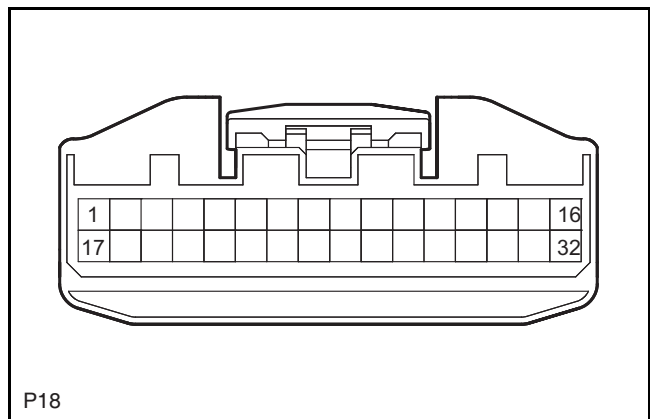
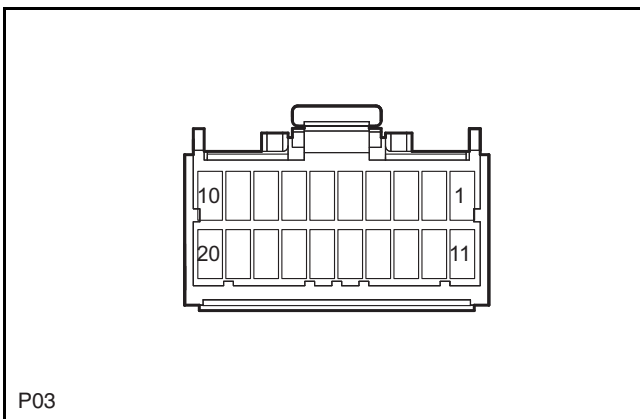
Right Front Reversing Radar Sensor

Left Front Reversing Radar Sensor

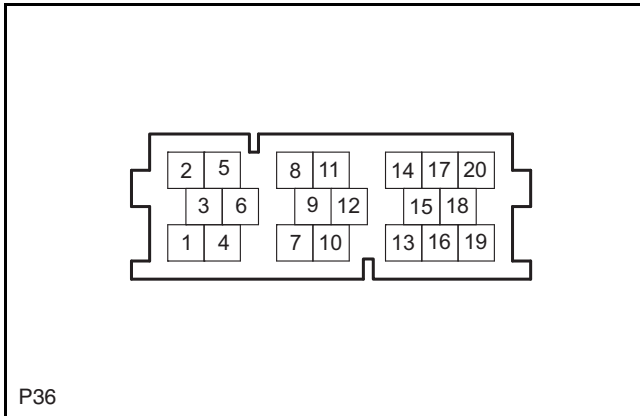


Switch Box

Reversing Radar Controller

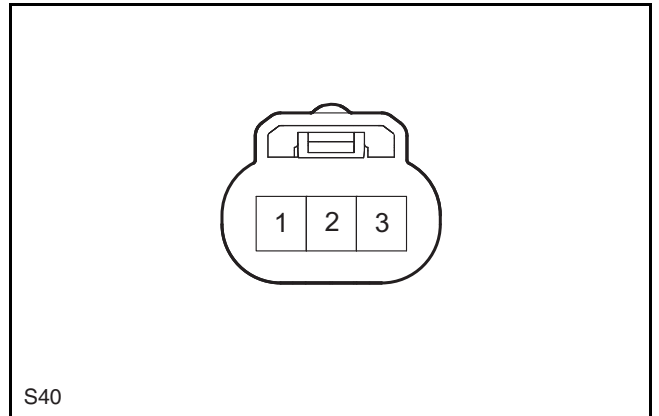


Radio C



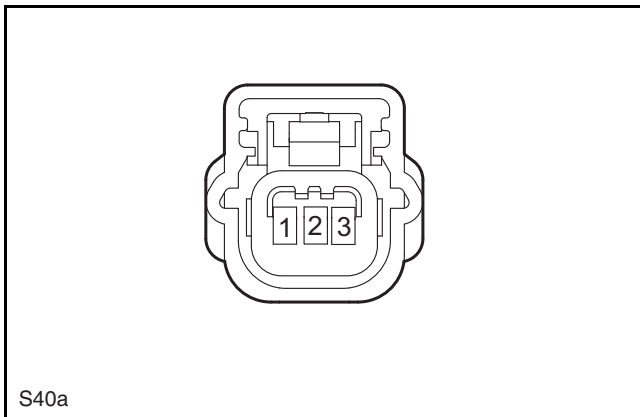
P36

Left Reversing Radar Sensor



S40

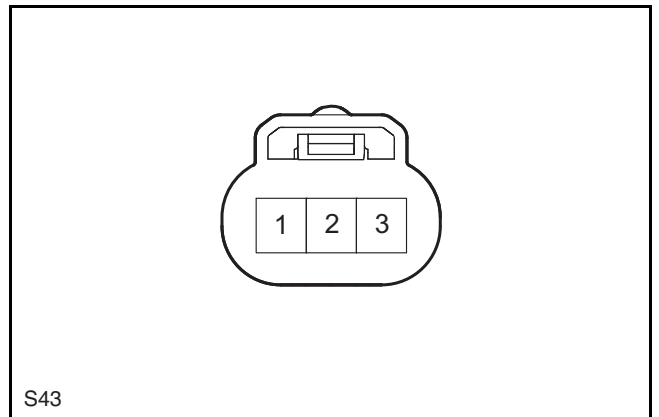
Left Reversing Radar Sensor



S40a

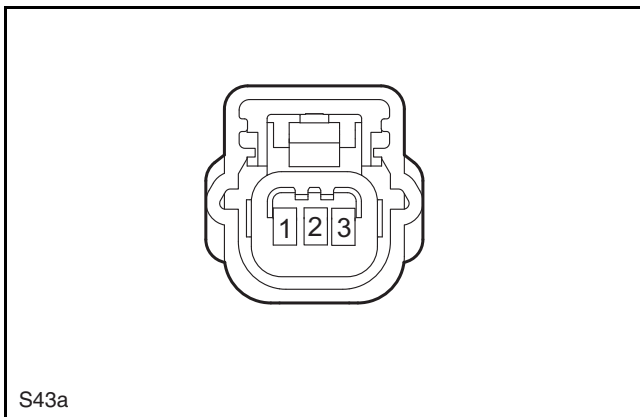
Left Center Reversing Radar Sensor

Left Center Reversing Radar Sensor

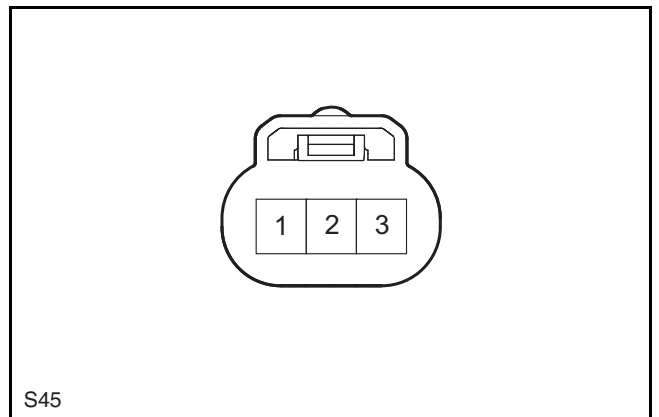


S43

Right Center Reversing Radar Sensor

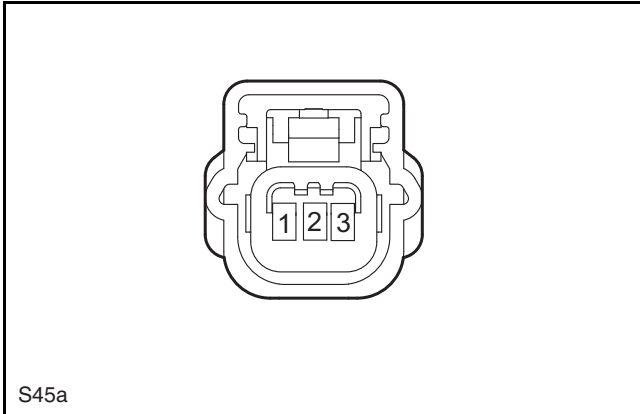


S43a

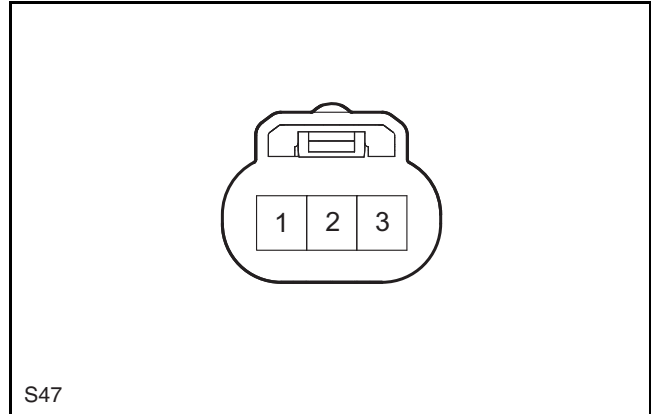


S45

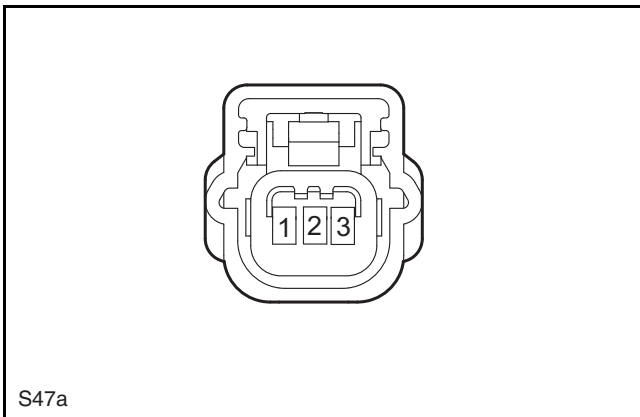
Right Center Reversing Radar Sensor



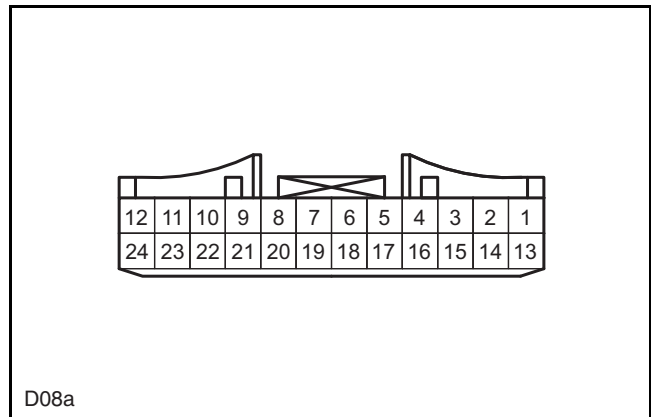
Right Reversing Radar Sensor



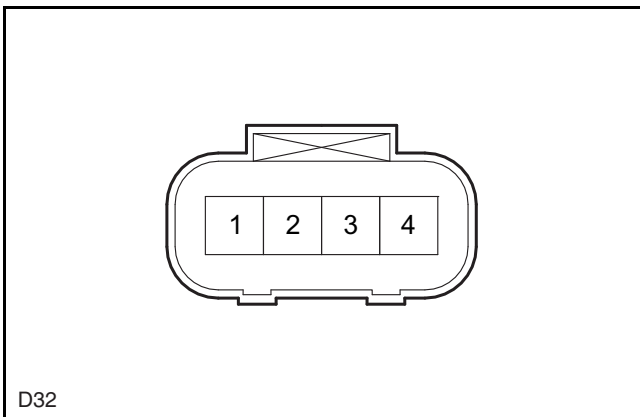
Right Reversing Radar Sensor



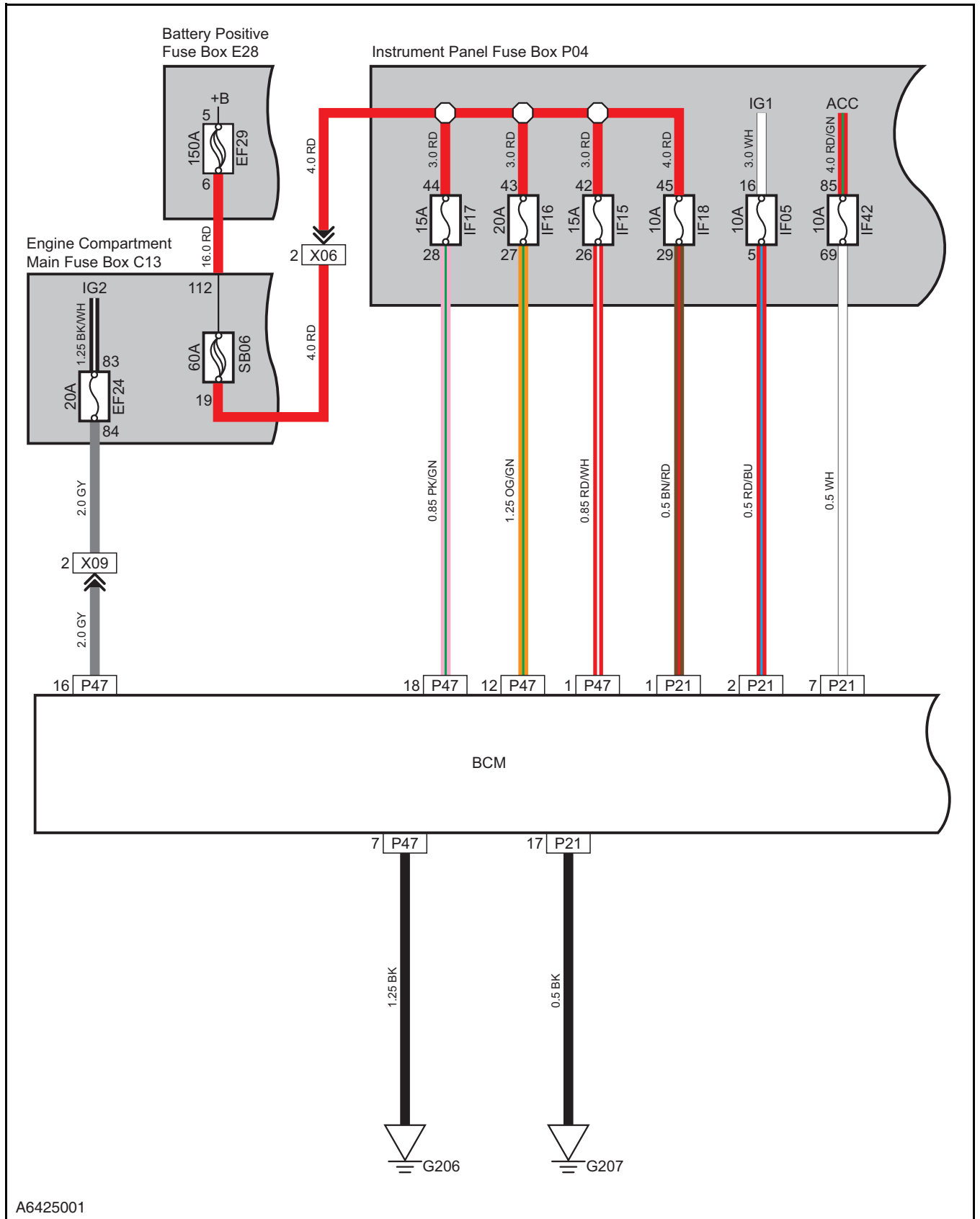
Right Power Rearview Mirror



Rear View Camera

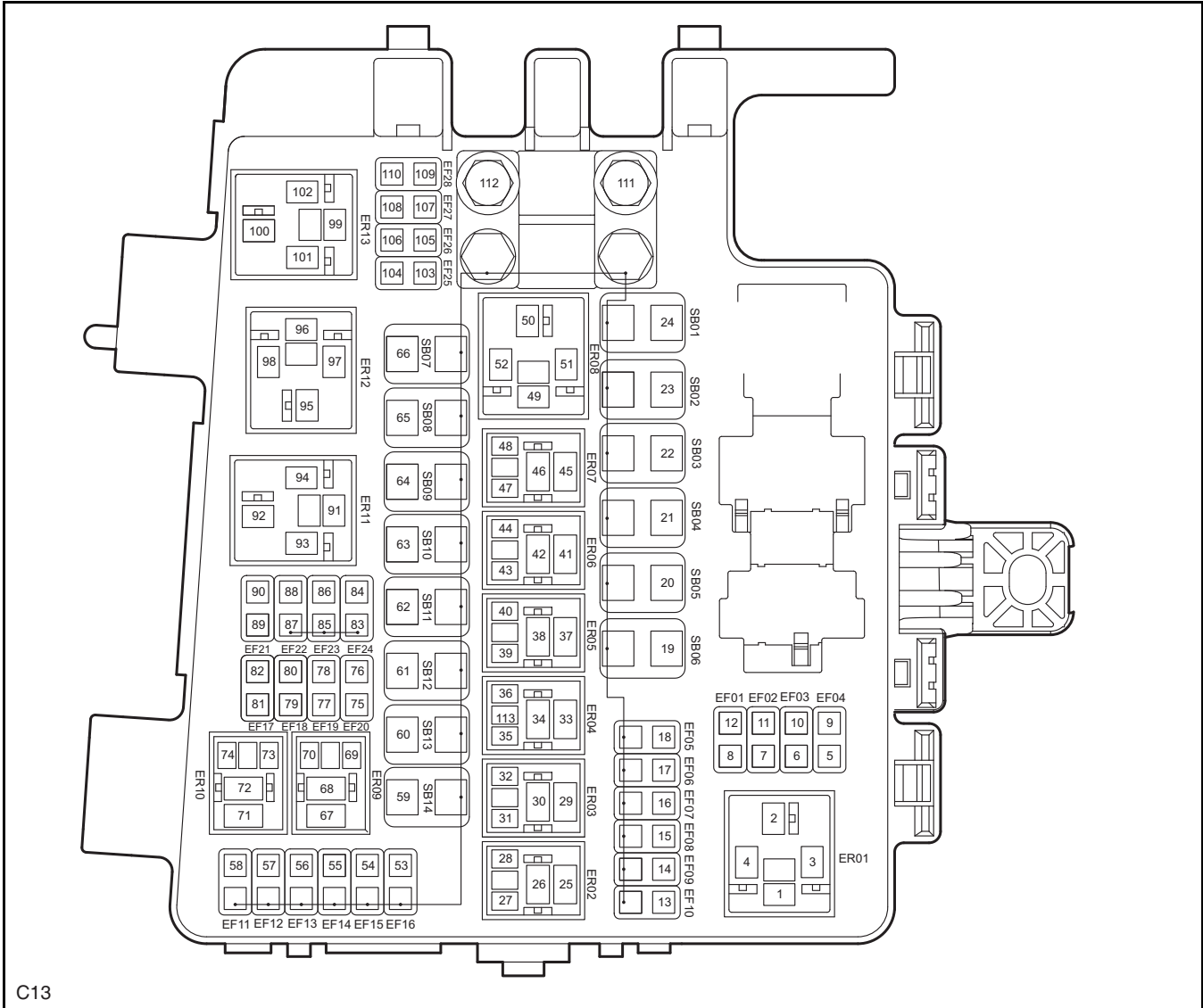


Body Control System

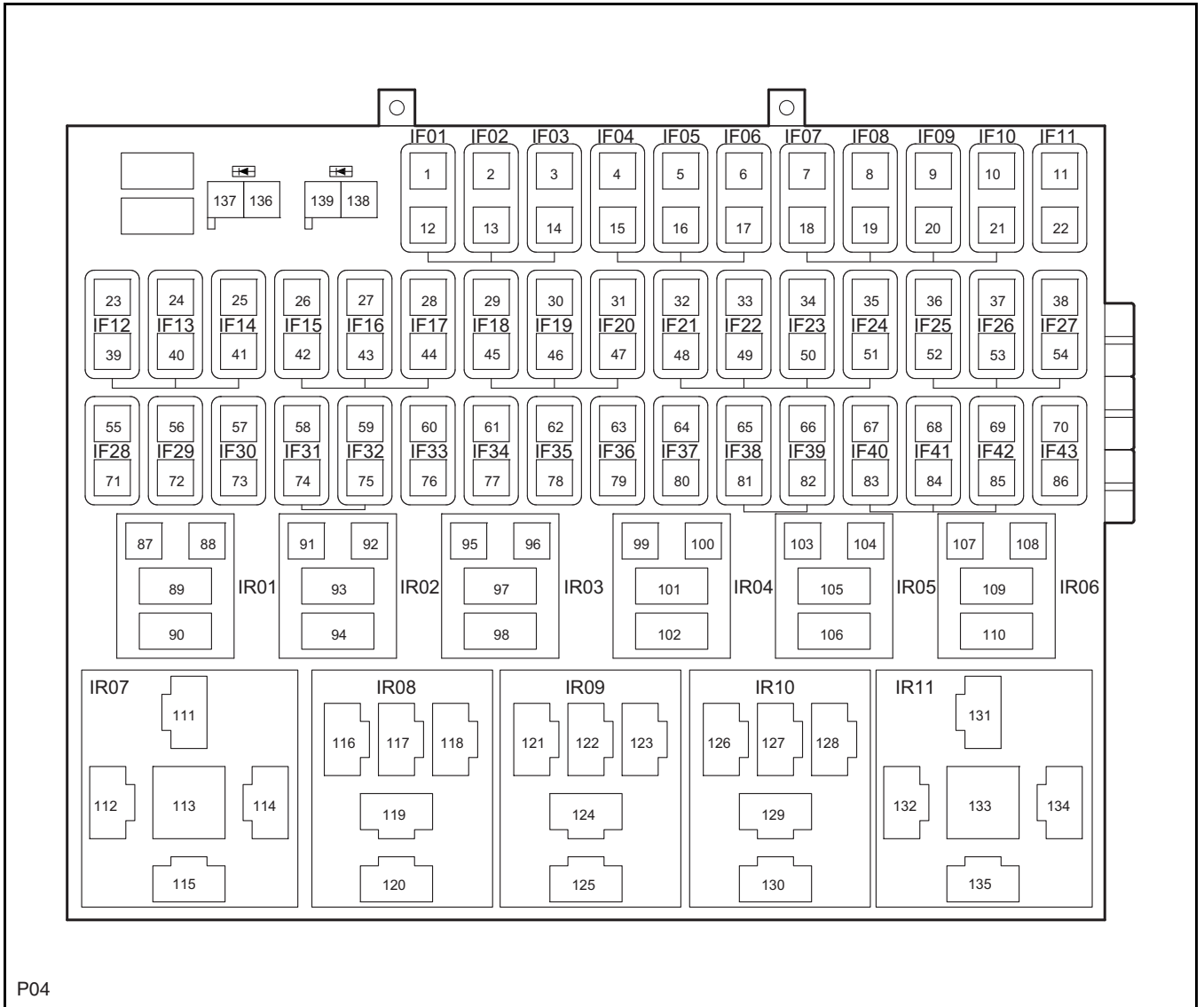


A6425001

Engine Compartment Main Fuse Box

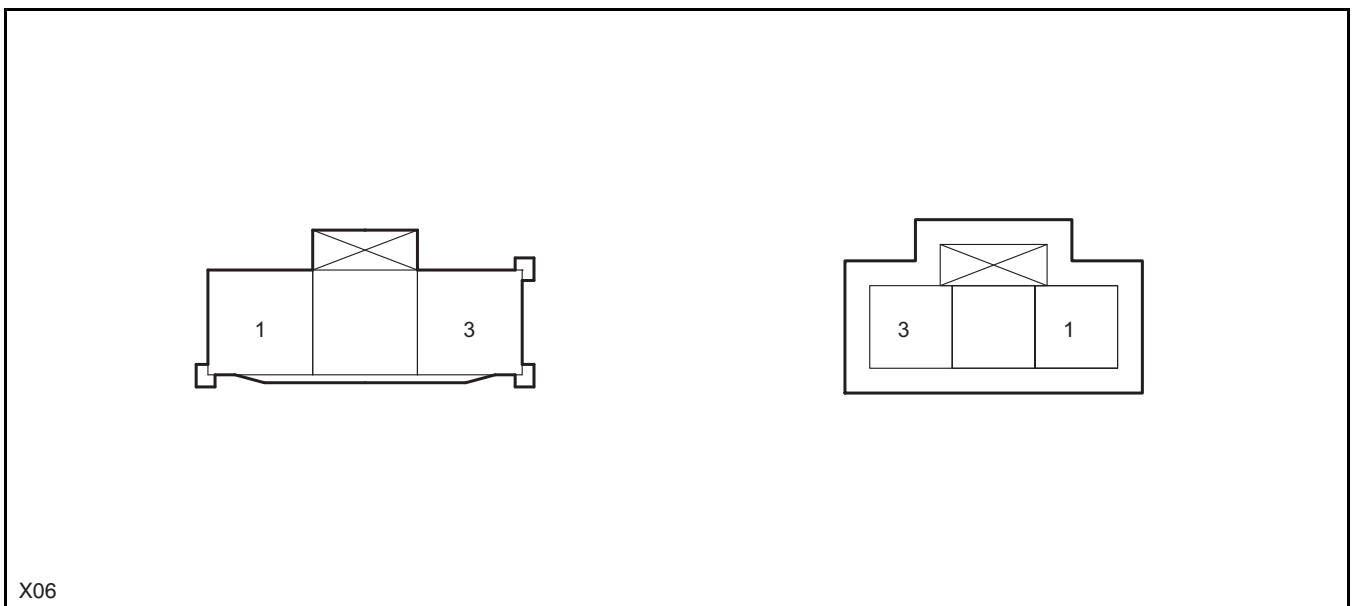


Instrument Panel Fuse Box

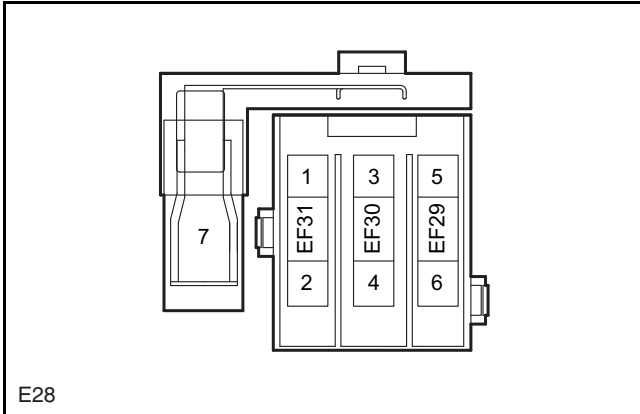


Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

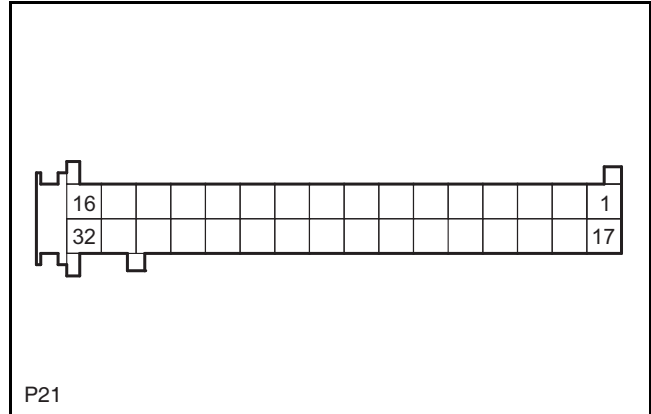
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



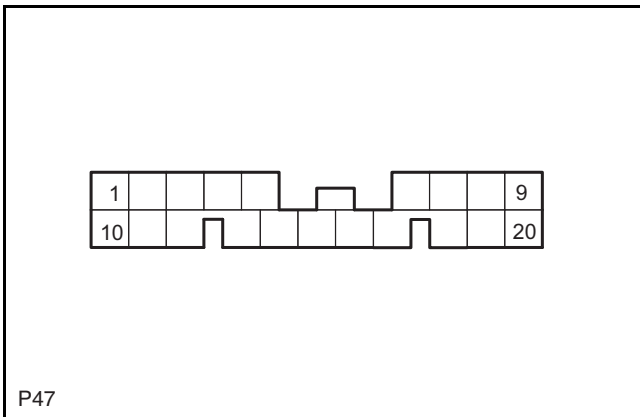
Battery Positive Fuse Box



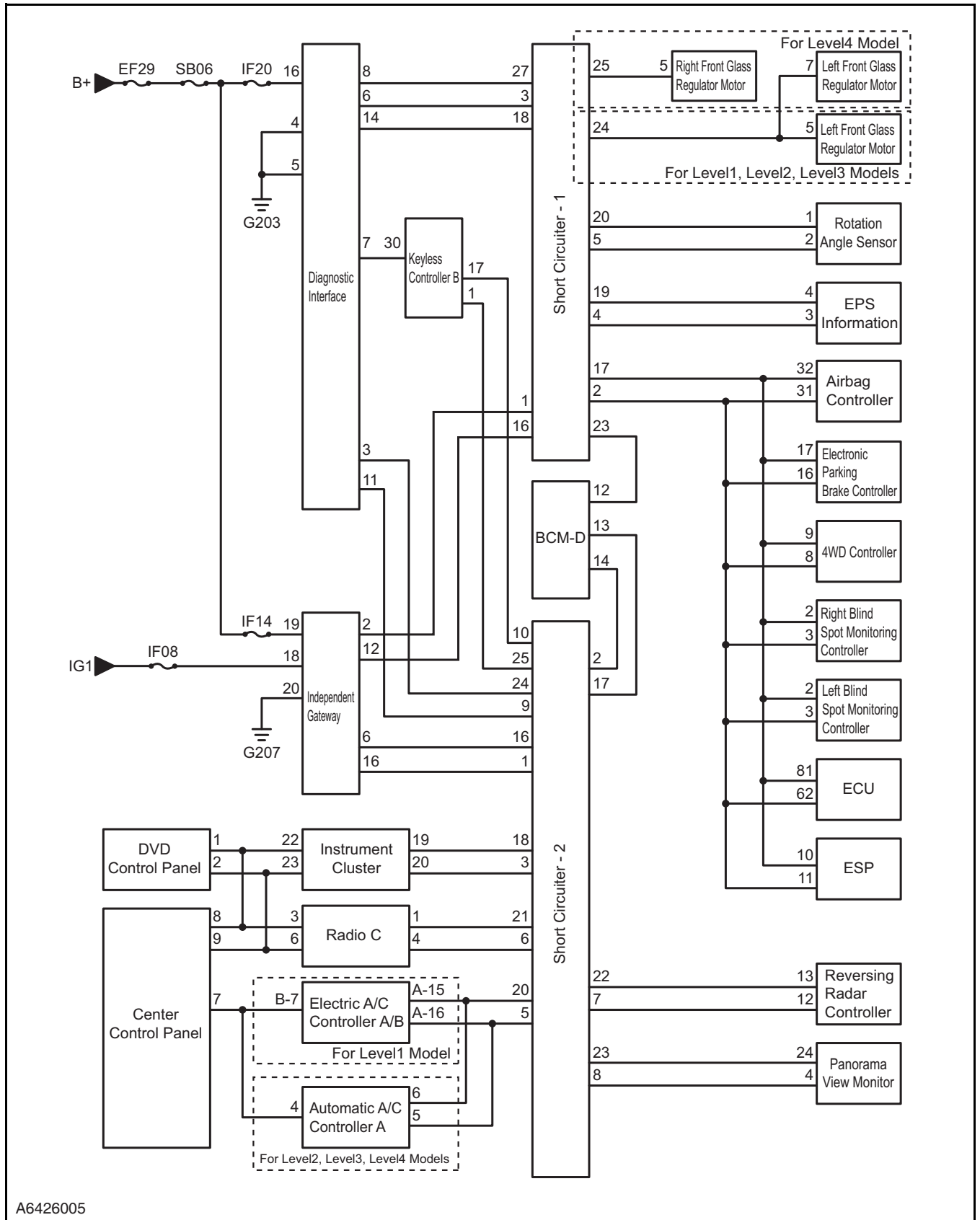
BCM-C



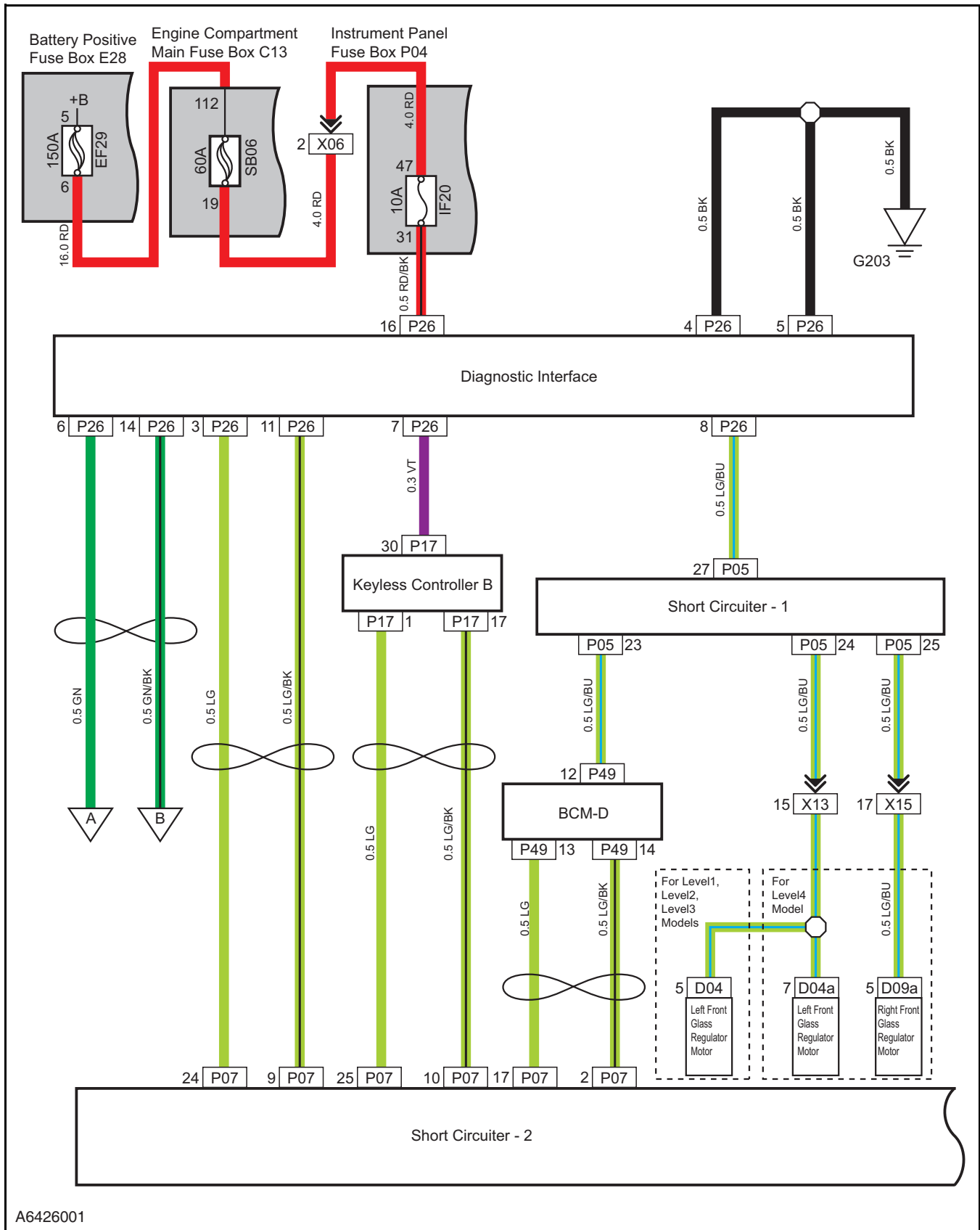
BCM-B



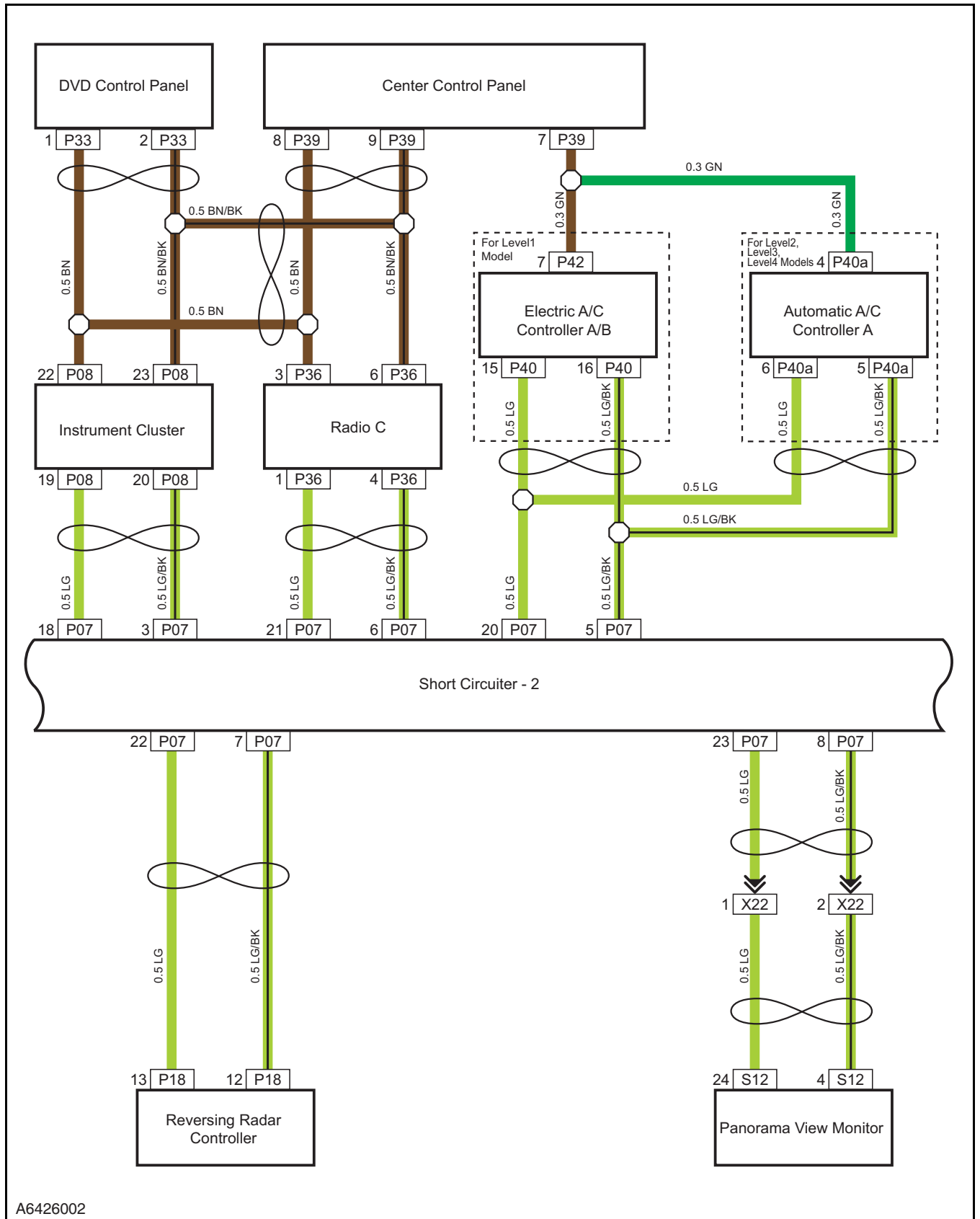
On-board Network System



On-board Network System - 1

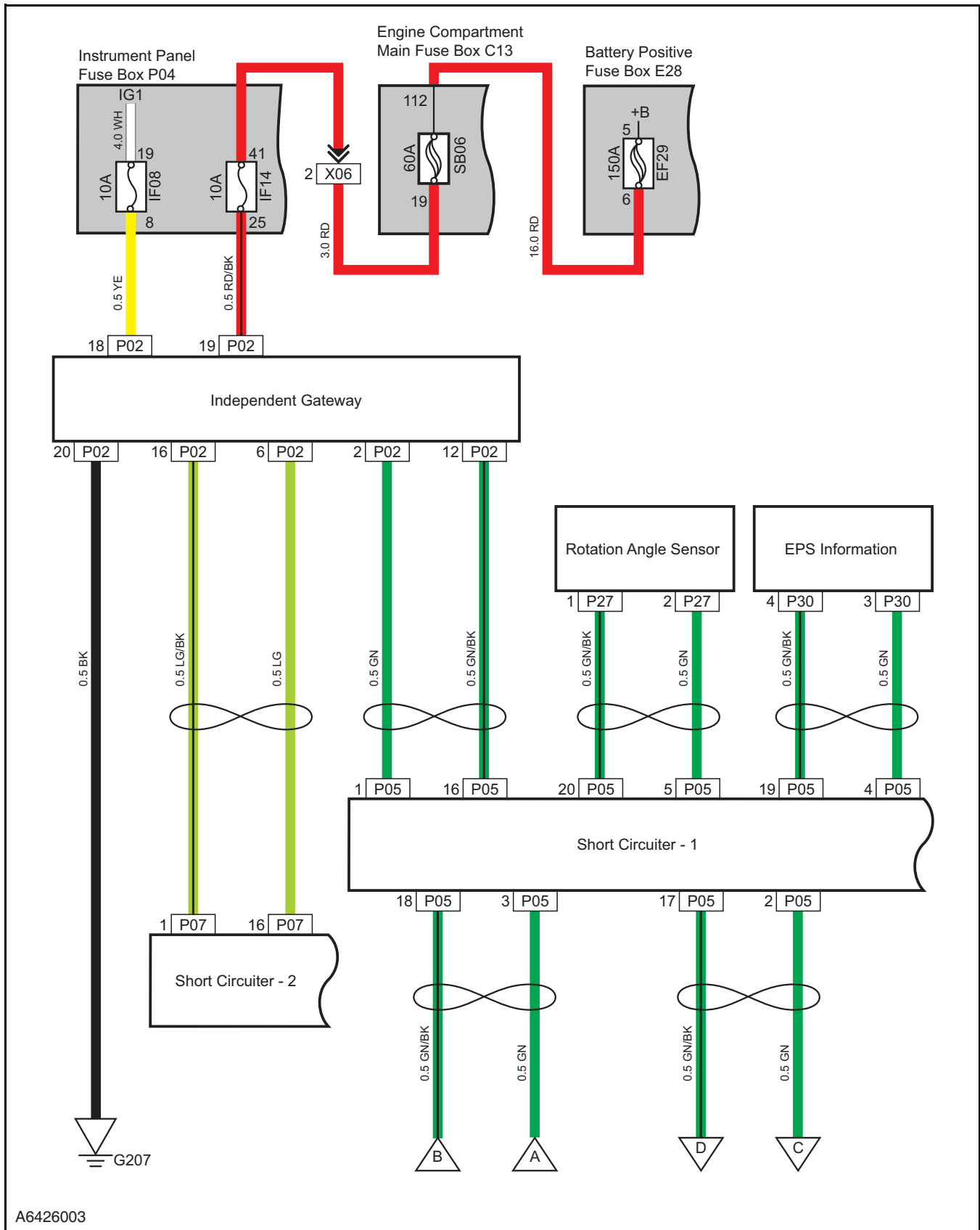


On-board Network System - 2



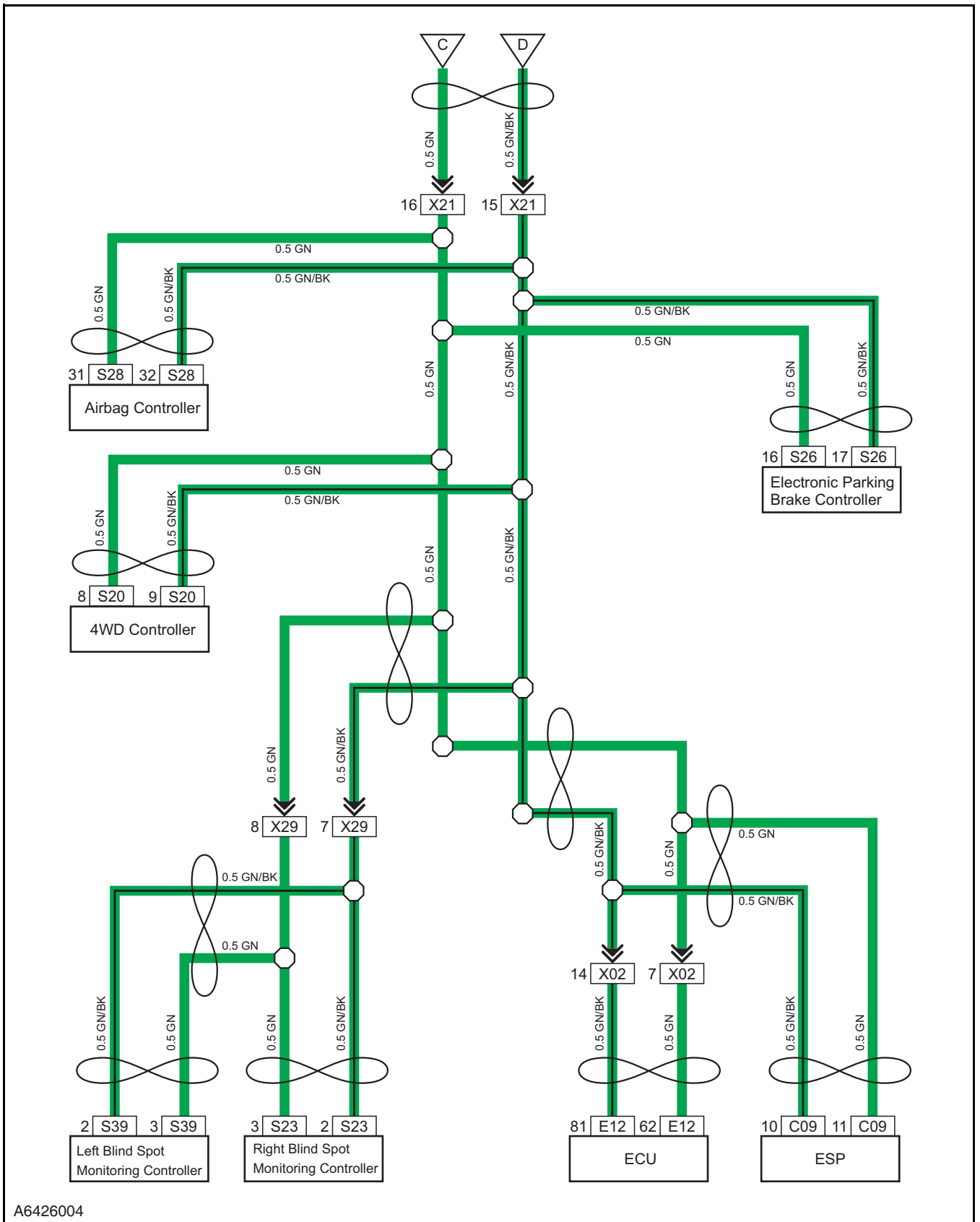
A6426002

On-board Network System - 3

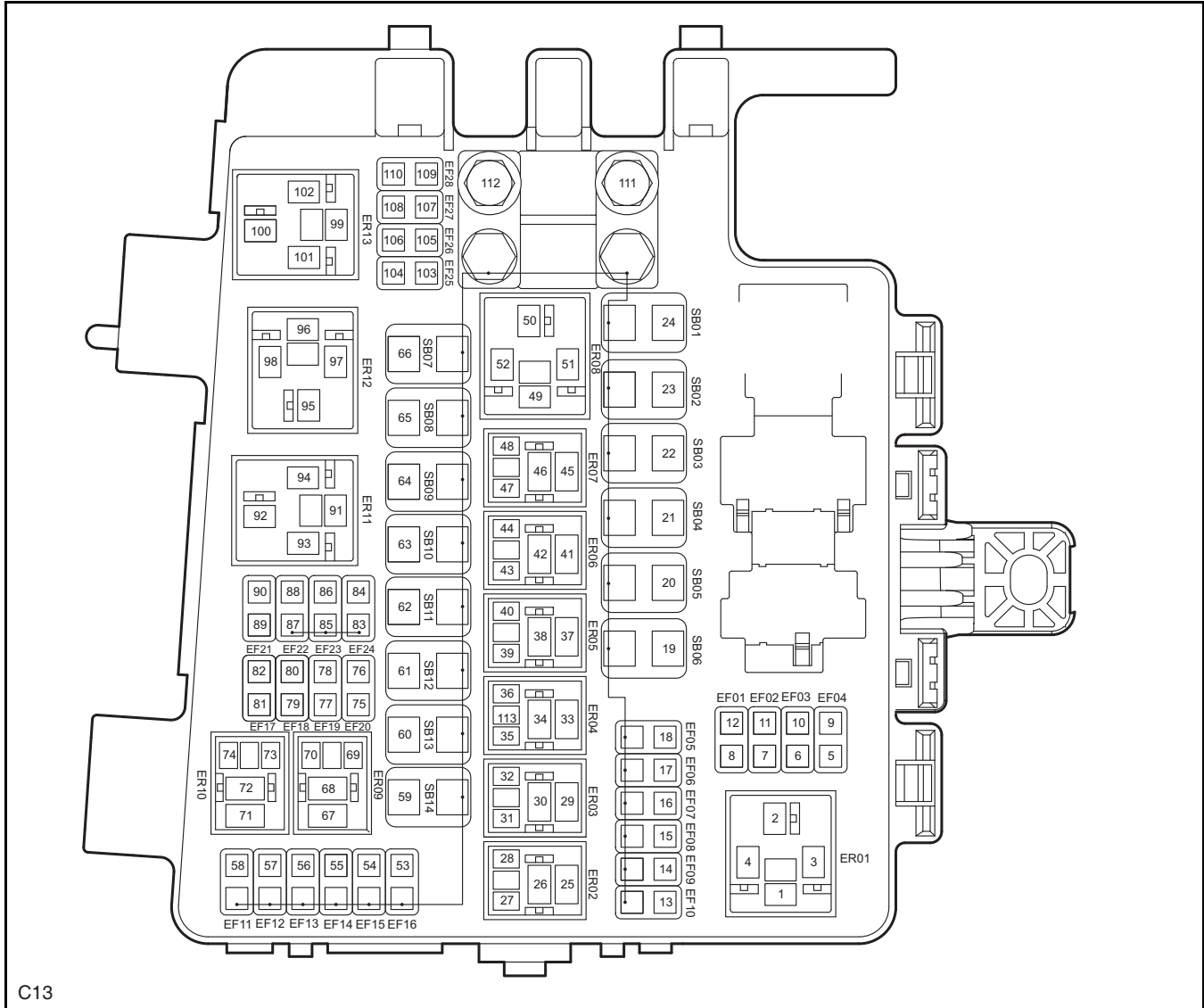


A6426003

On-board Network System - 4

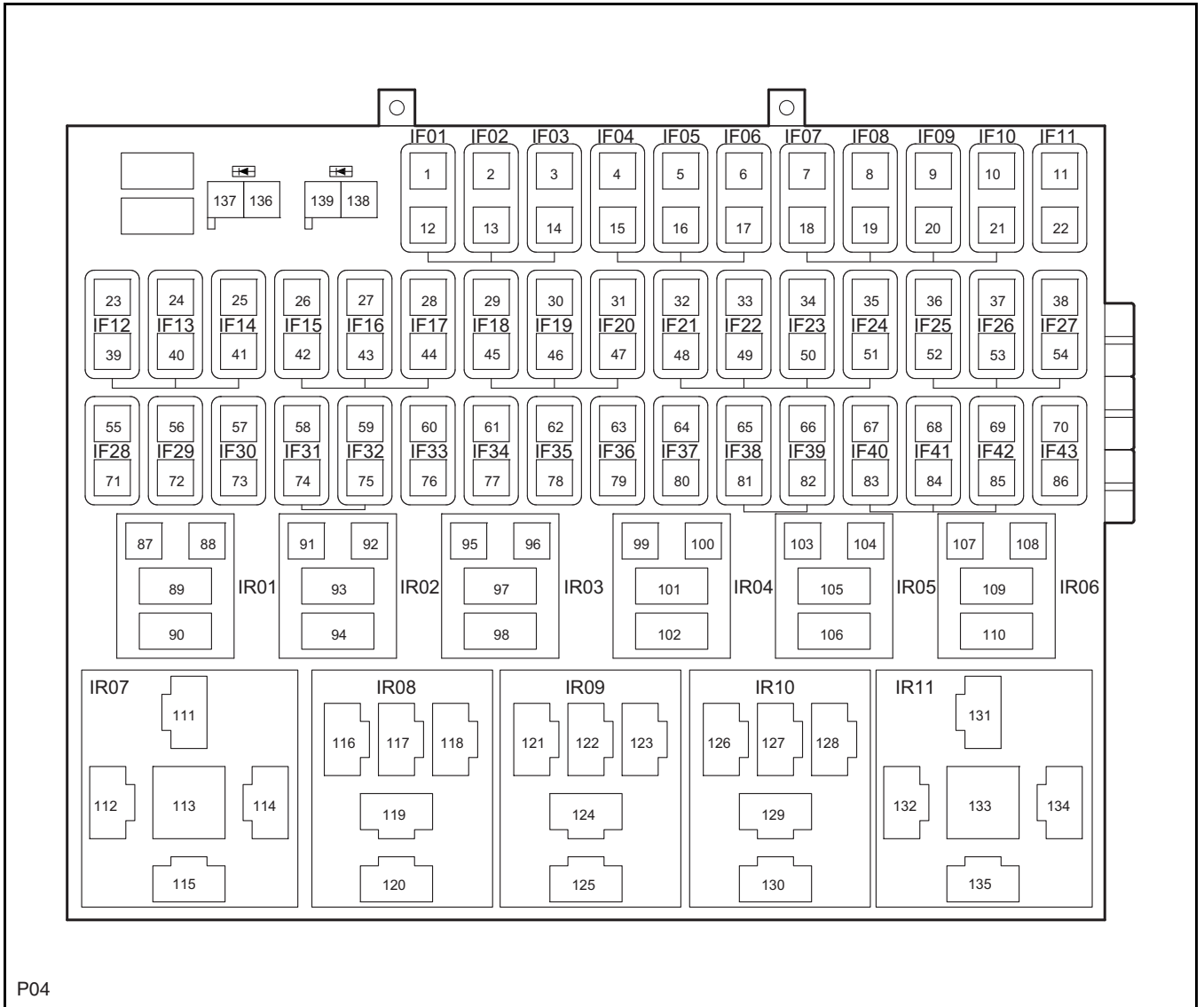


Engine Compartment Main Fuse Box



C13

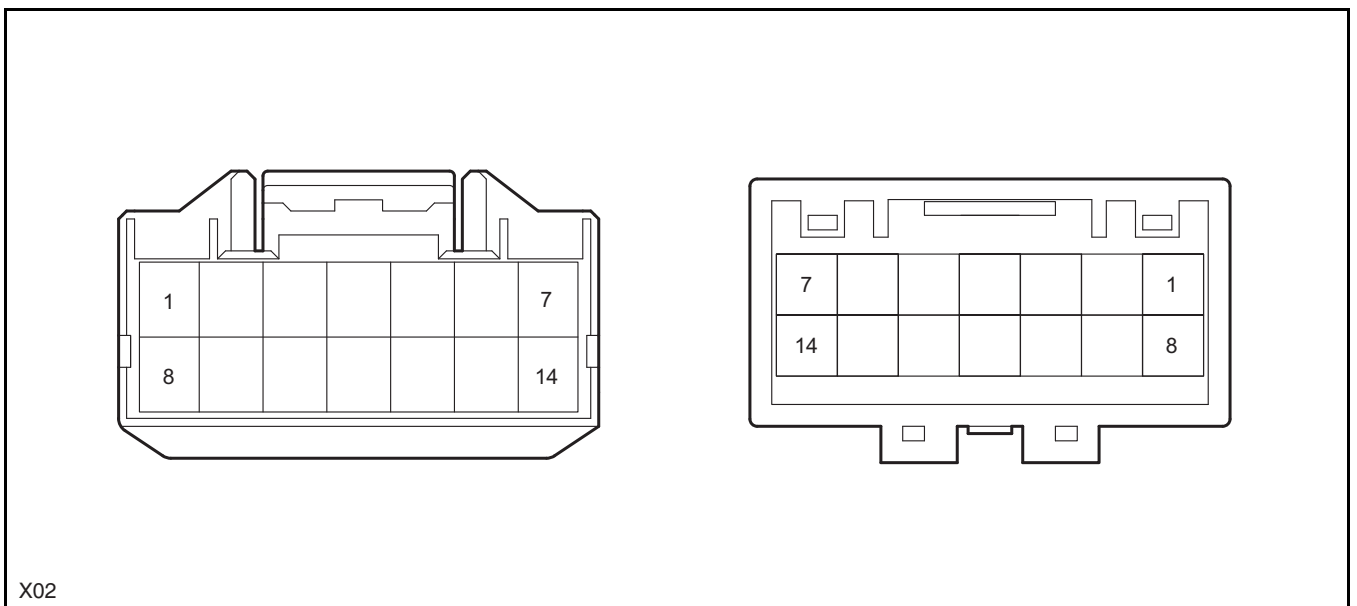
Instrument Panel Fuse Box



P04

Engine Wiring Harness to Engine Compartment Fuse Box - 2

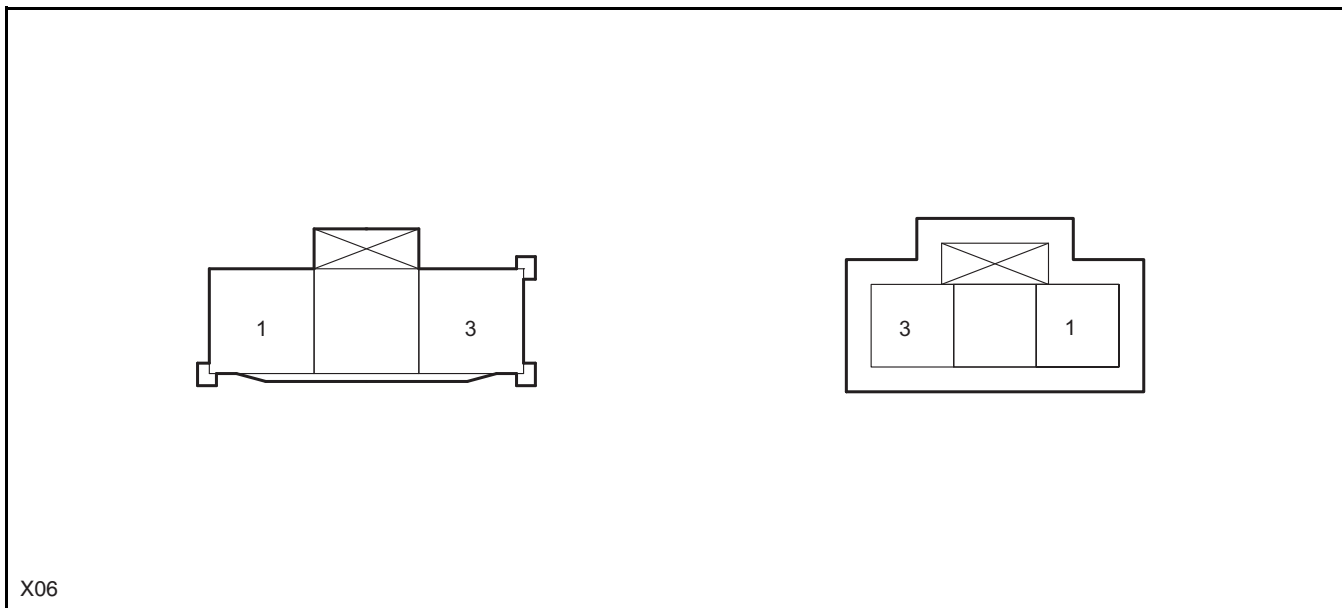
Engine Compartment Fuse Box to Engine Wiring Harness - 2



X02

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

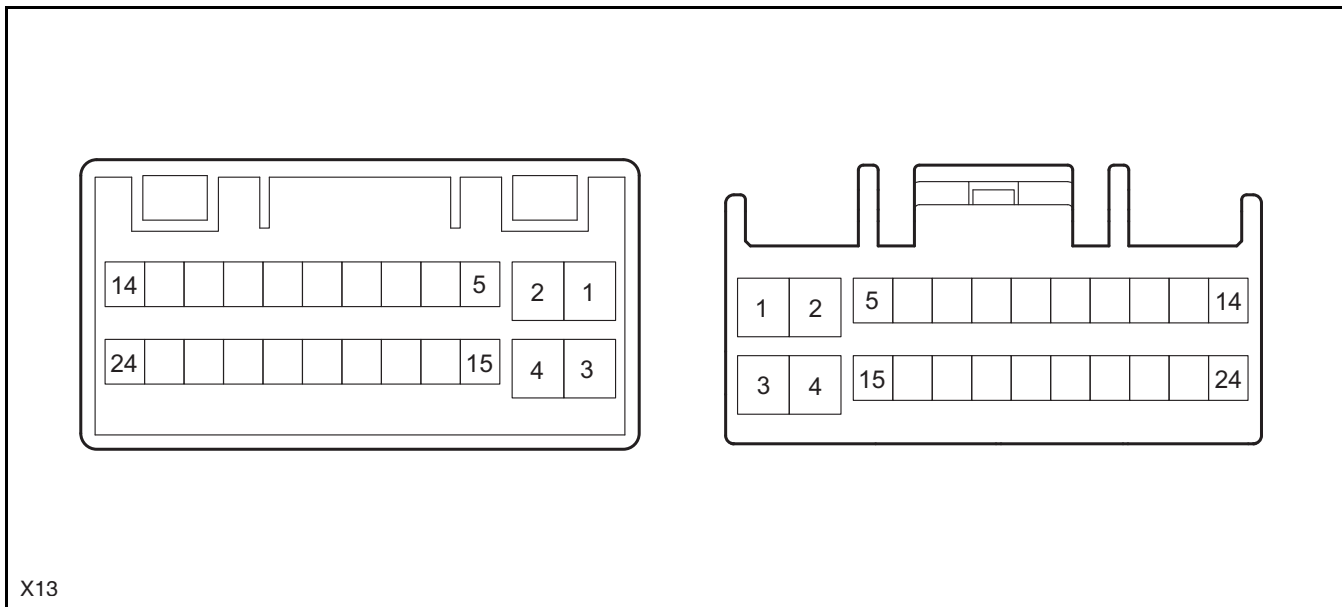
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



X06

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

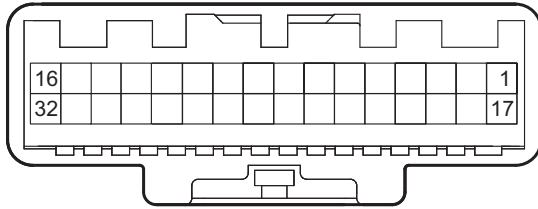
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X13

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 1

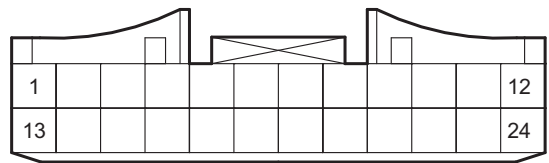
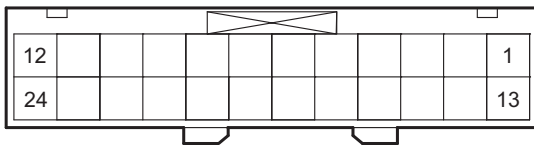
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 1



X21

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

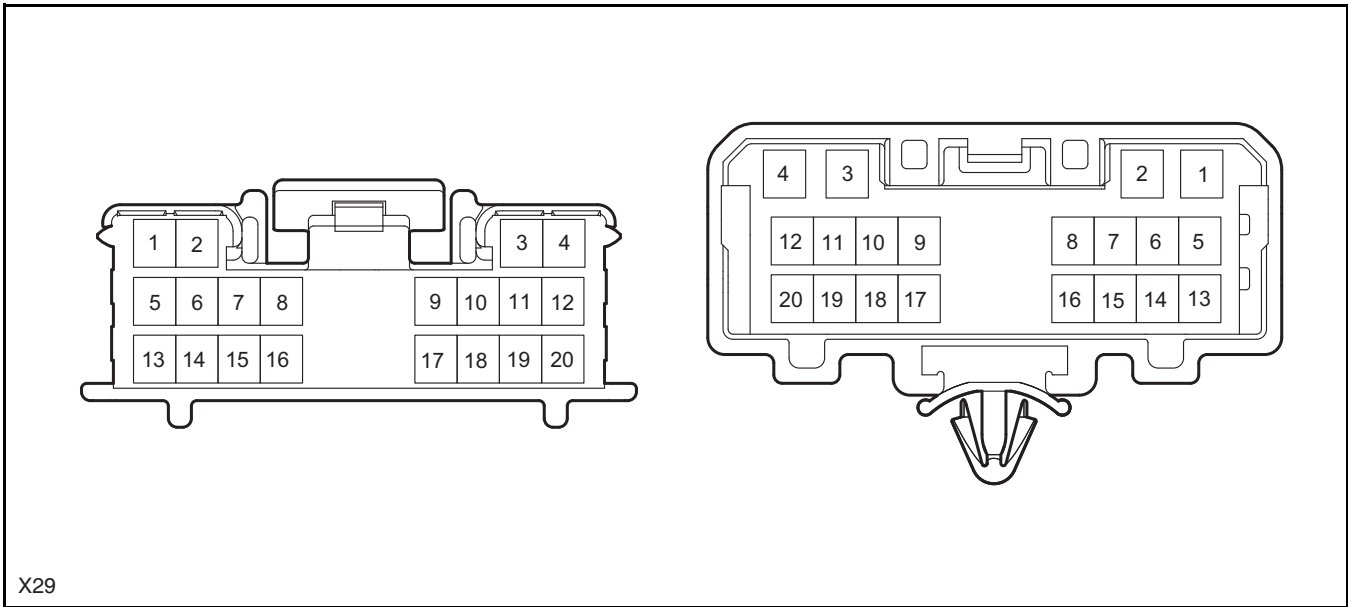
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2



X22

Rear Bumper Wiring Harness to Chassis Wiring Harness

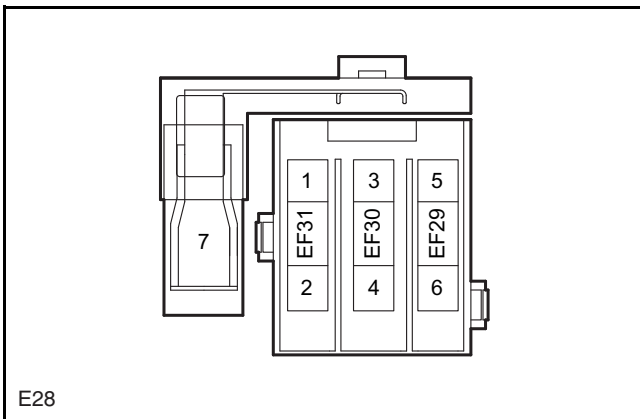
Chassis Wiring Harness to Rear Bumper Wiring Harness



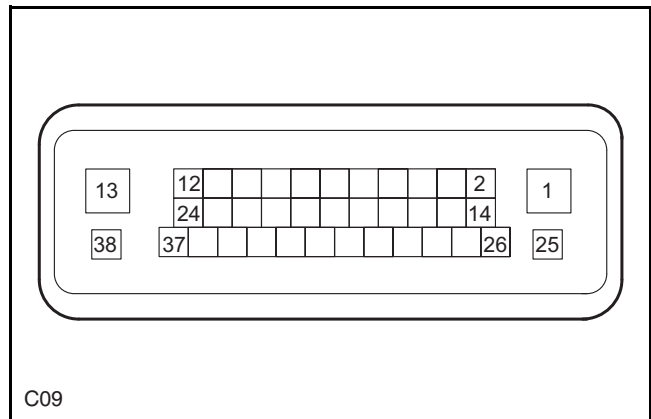
X29

Battery Positive Fuse Box

ESP



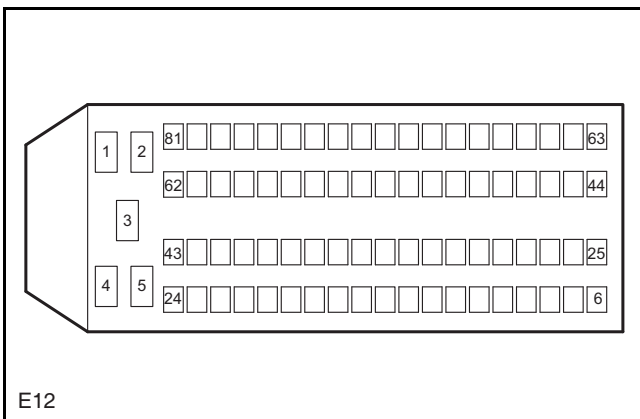
E28



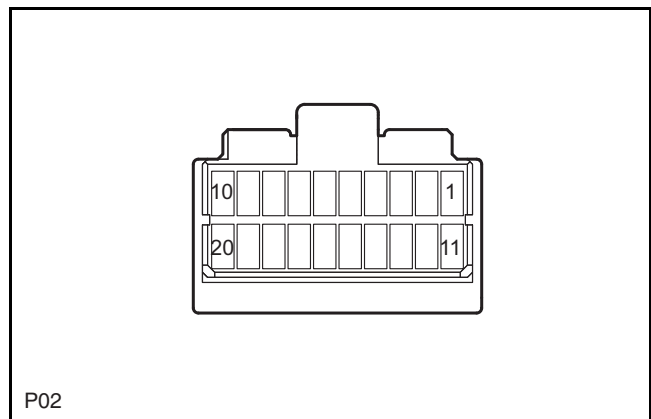
C09

ECU

Independent Gateway

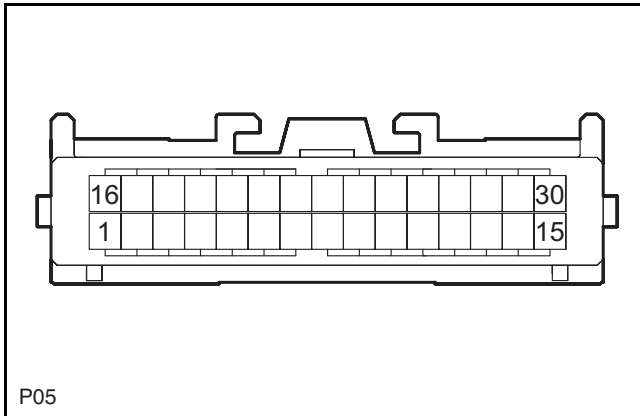


E12



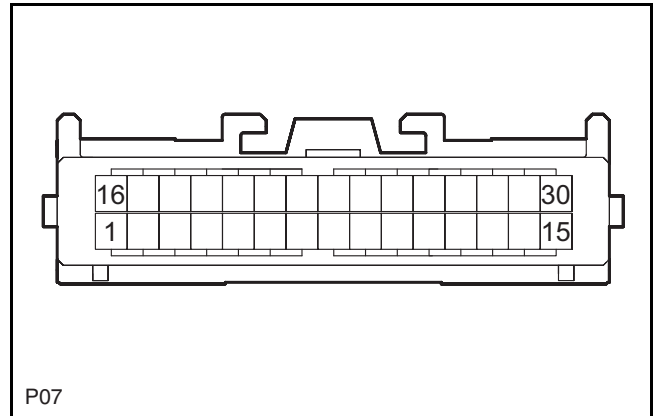
P02

Short Circuiter - 1

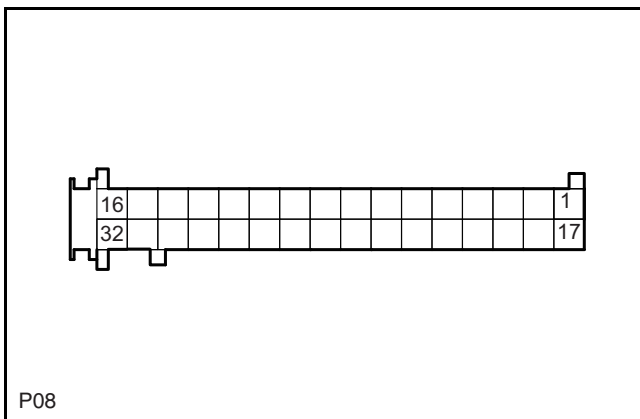


Instrument Cluster

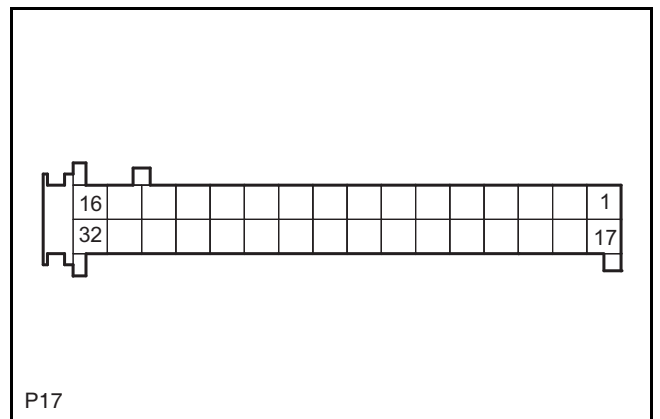
Short Circuiter - 2



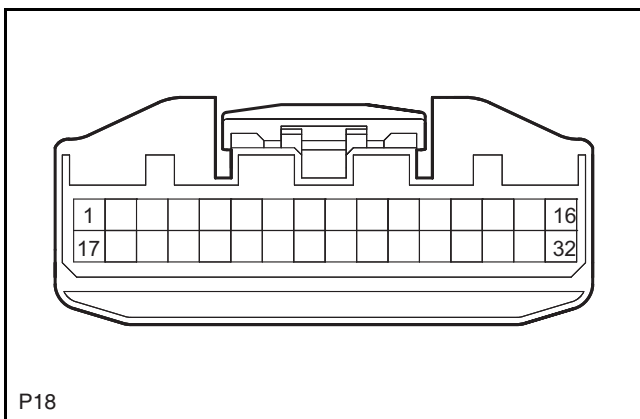
Keyless Controller B



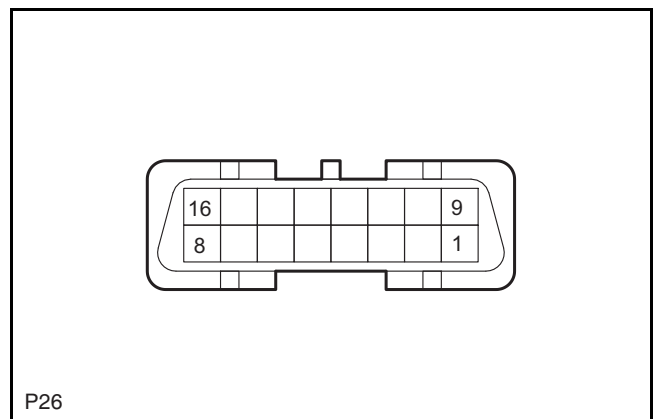
Reversing Radar Controller



Diagnostic Interface

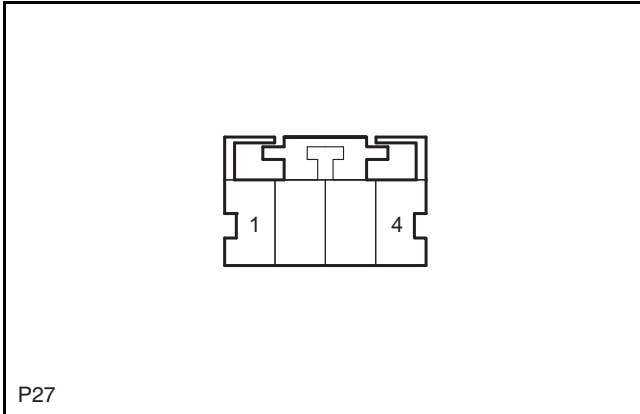


P18

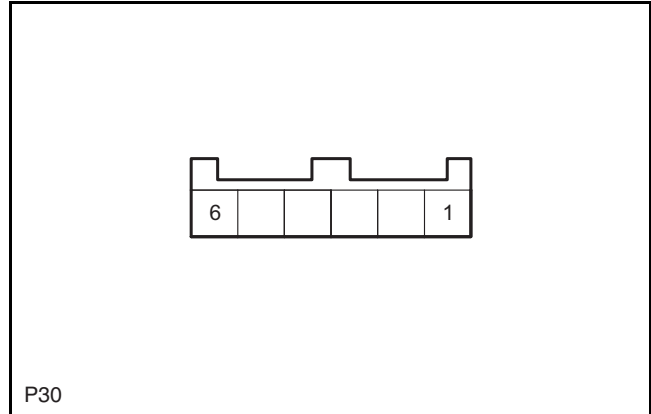


P26

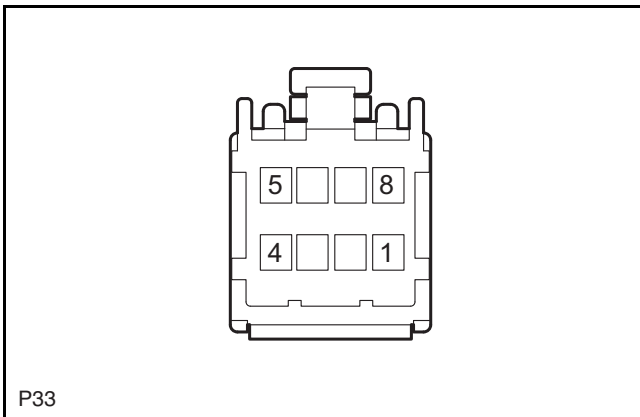
Rotation Angle Sensor



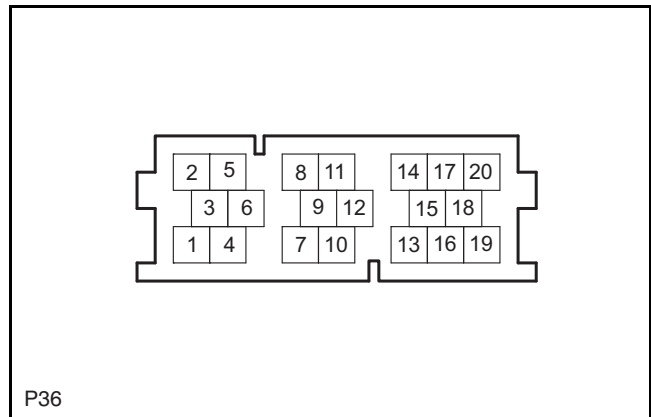
EPS Signal



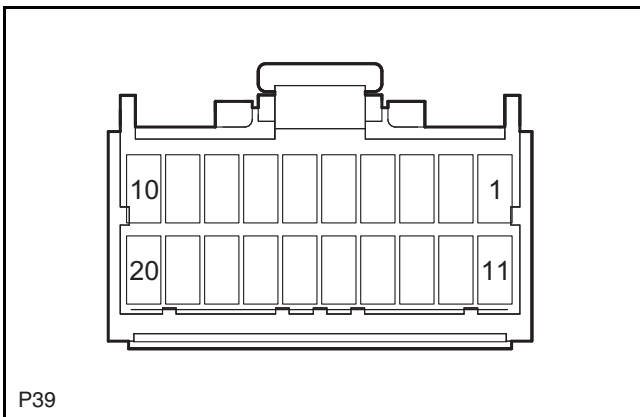
DVD Control Panel



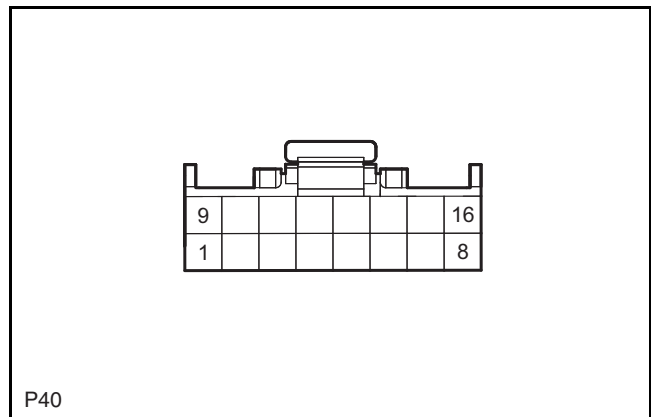
Radio C



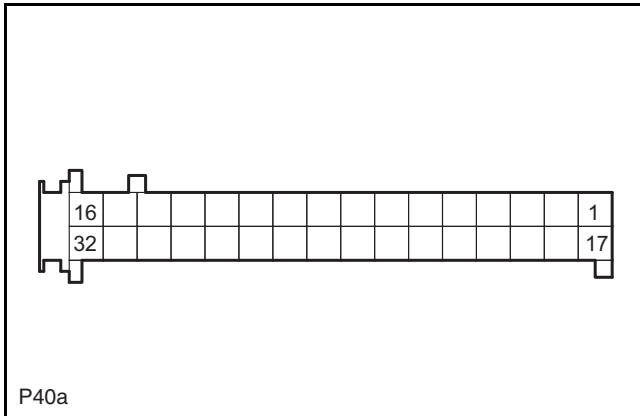
Center Control Panel



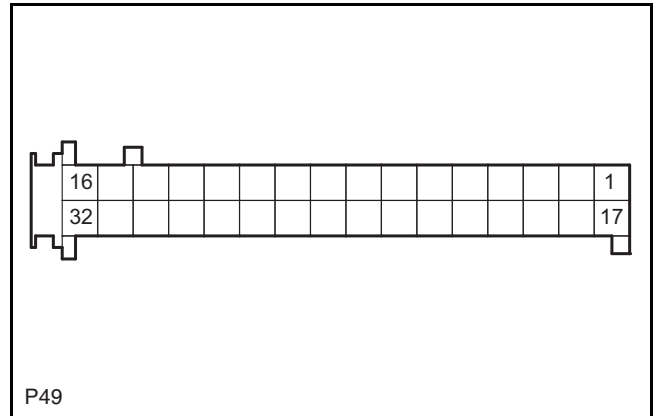
Electric A/C Controller A



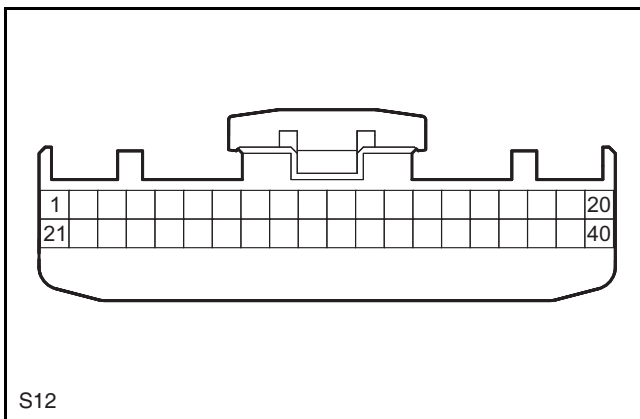
Automatic A/C Controller A



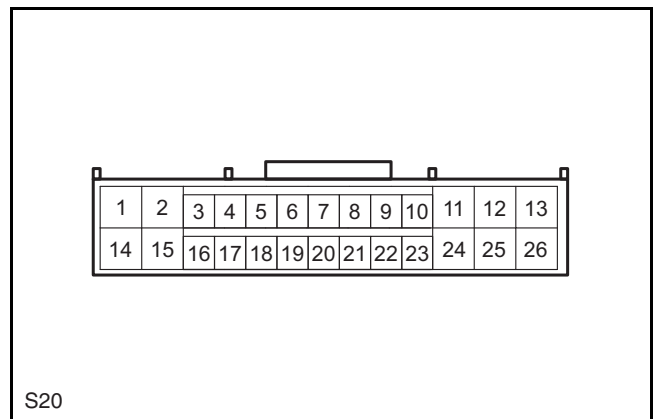
BCM-D



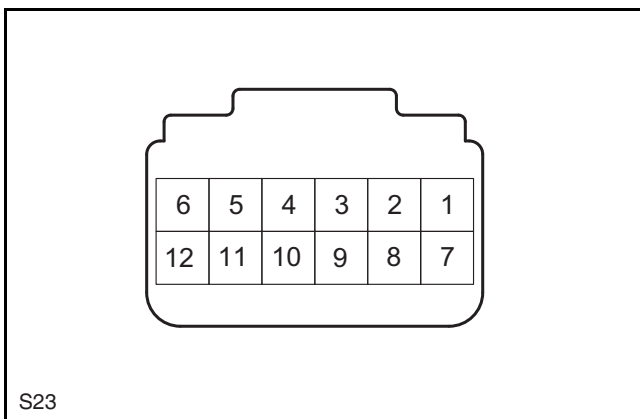
Panorama View Monitor



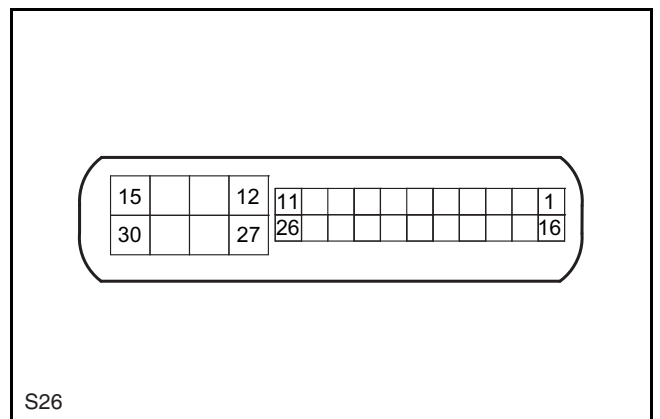
4WD Controller



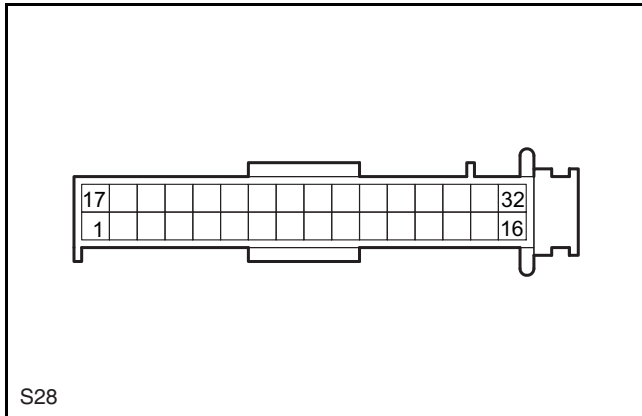
Right Blind Spot Monitoring Controller



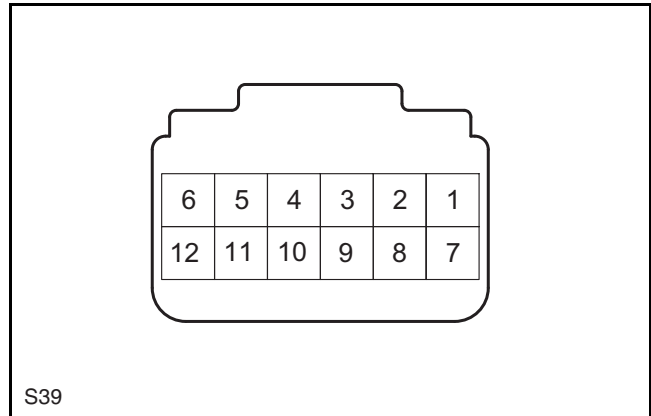
Electronic Parking Brake Controller



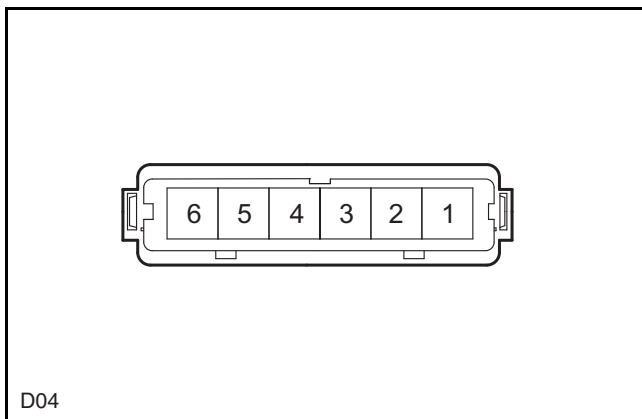
Airbag Controller



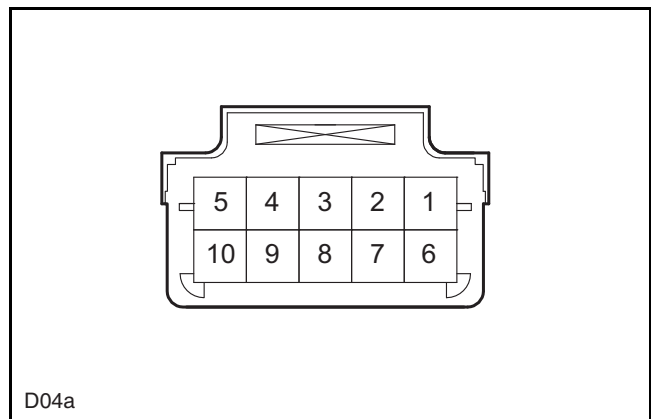
Left Blind Spot Monitoring Controller



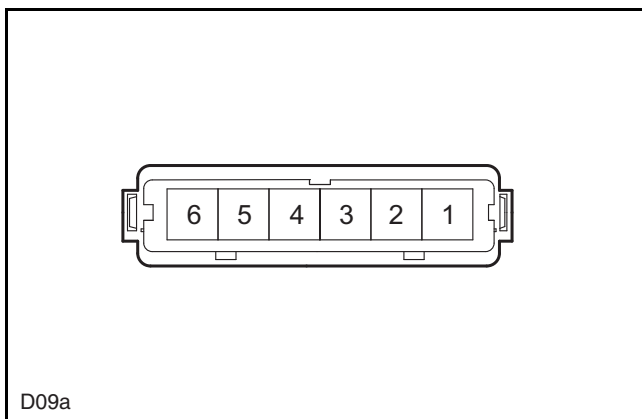
Left Front Glass Regulator Motor



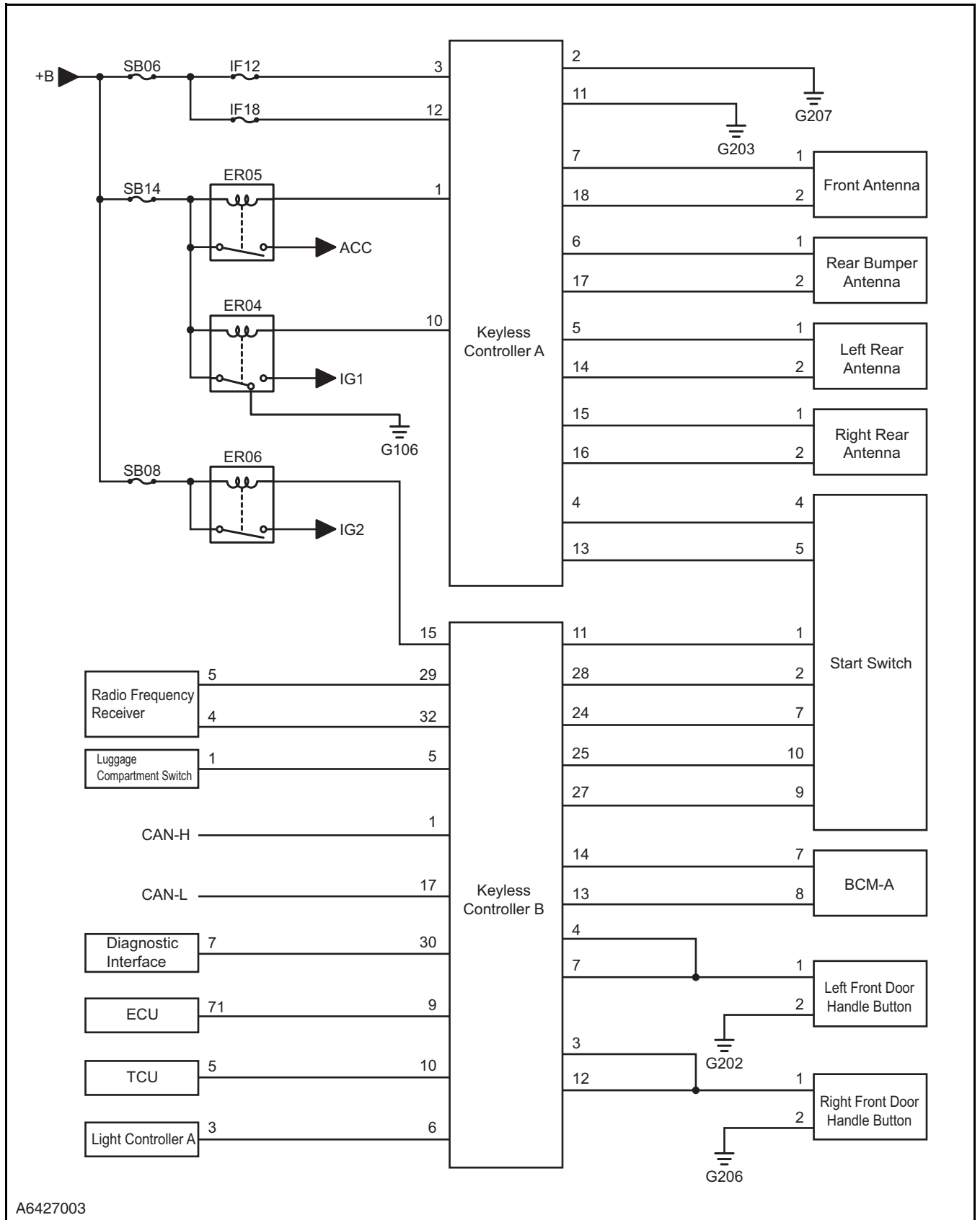
Left Front Glass Regulator Motor



Right Front Glass Regulator Motor

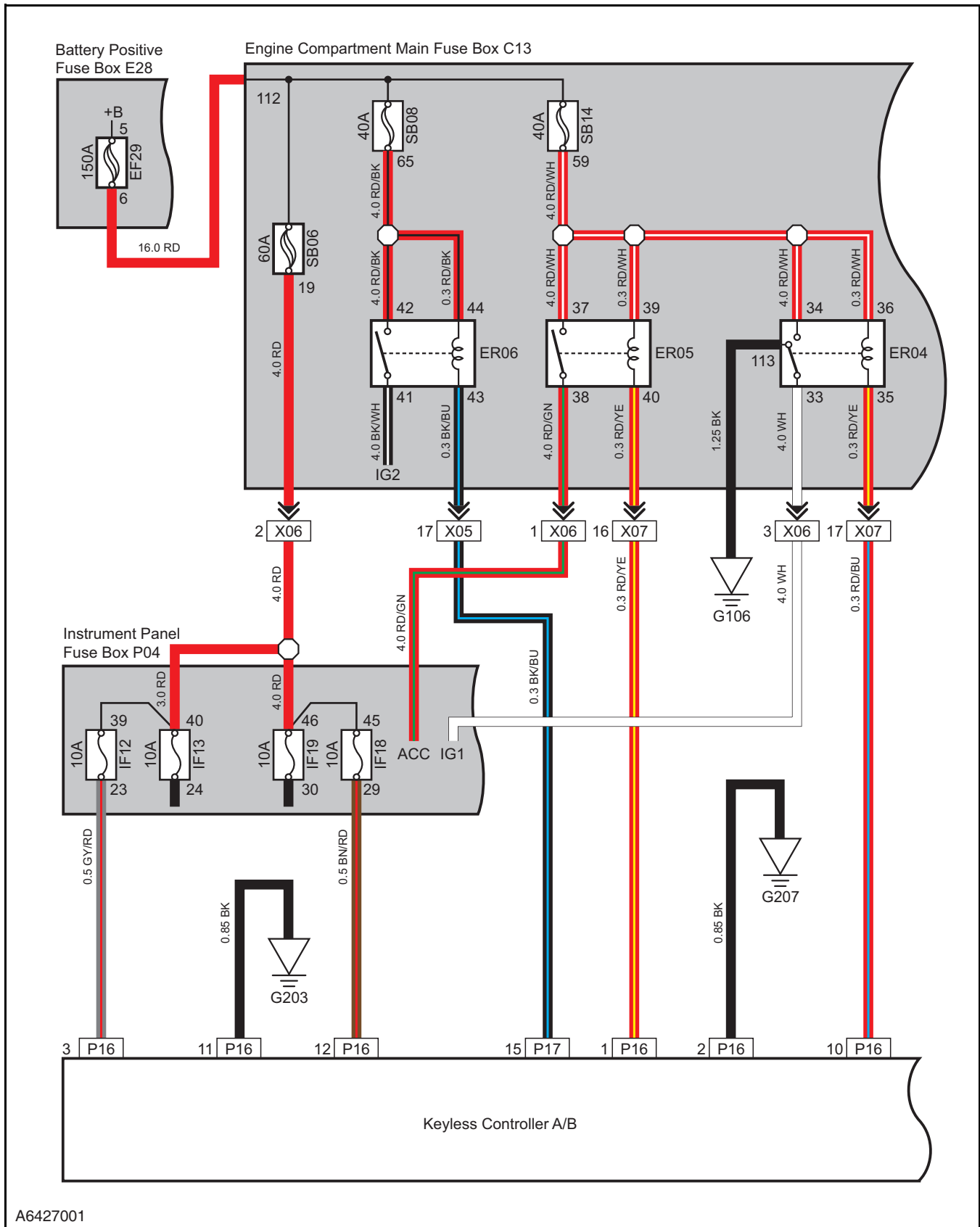


Keyless Entry Control System

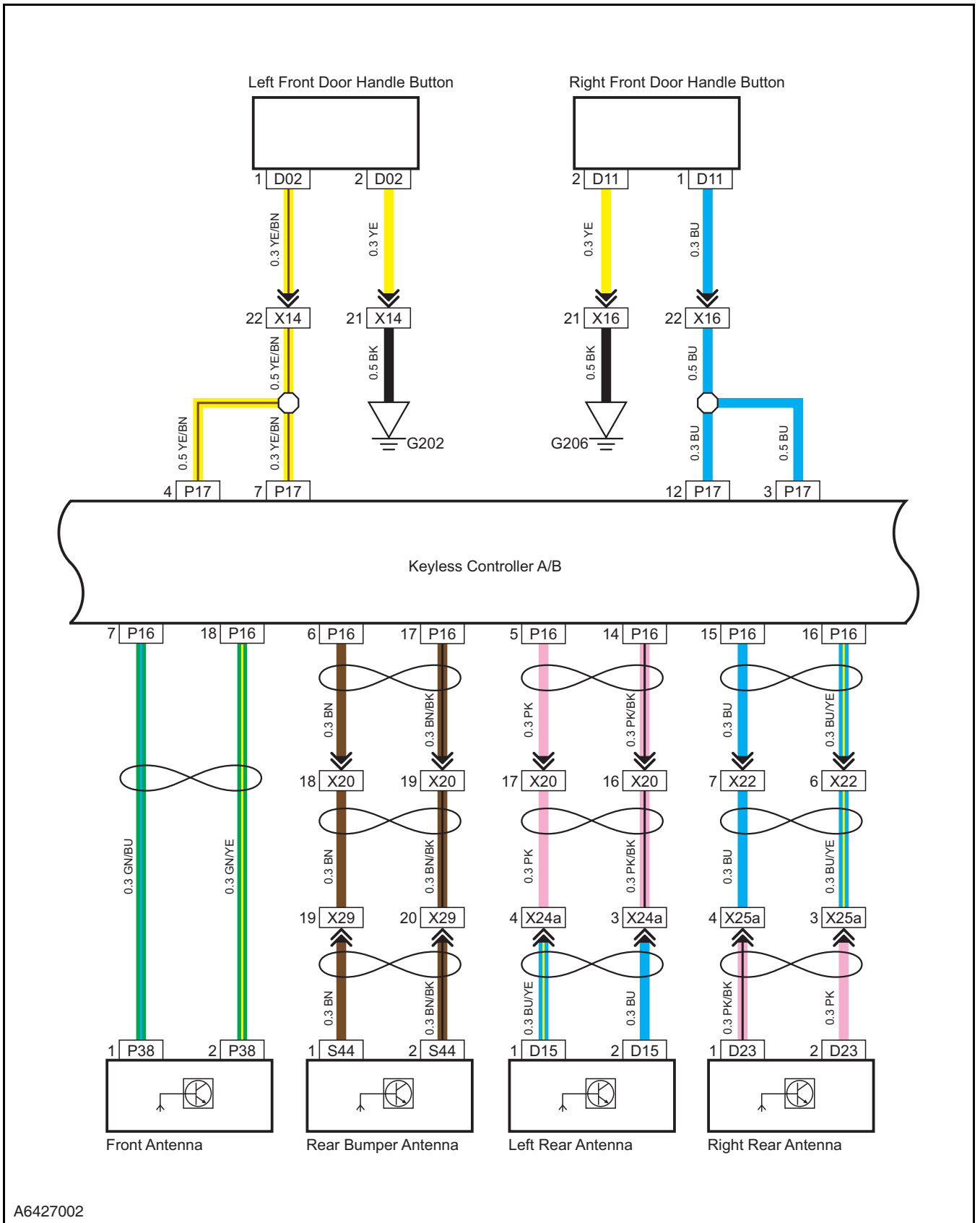


A6427003

Power Supply

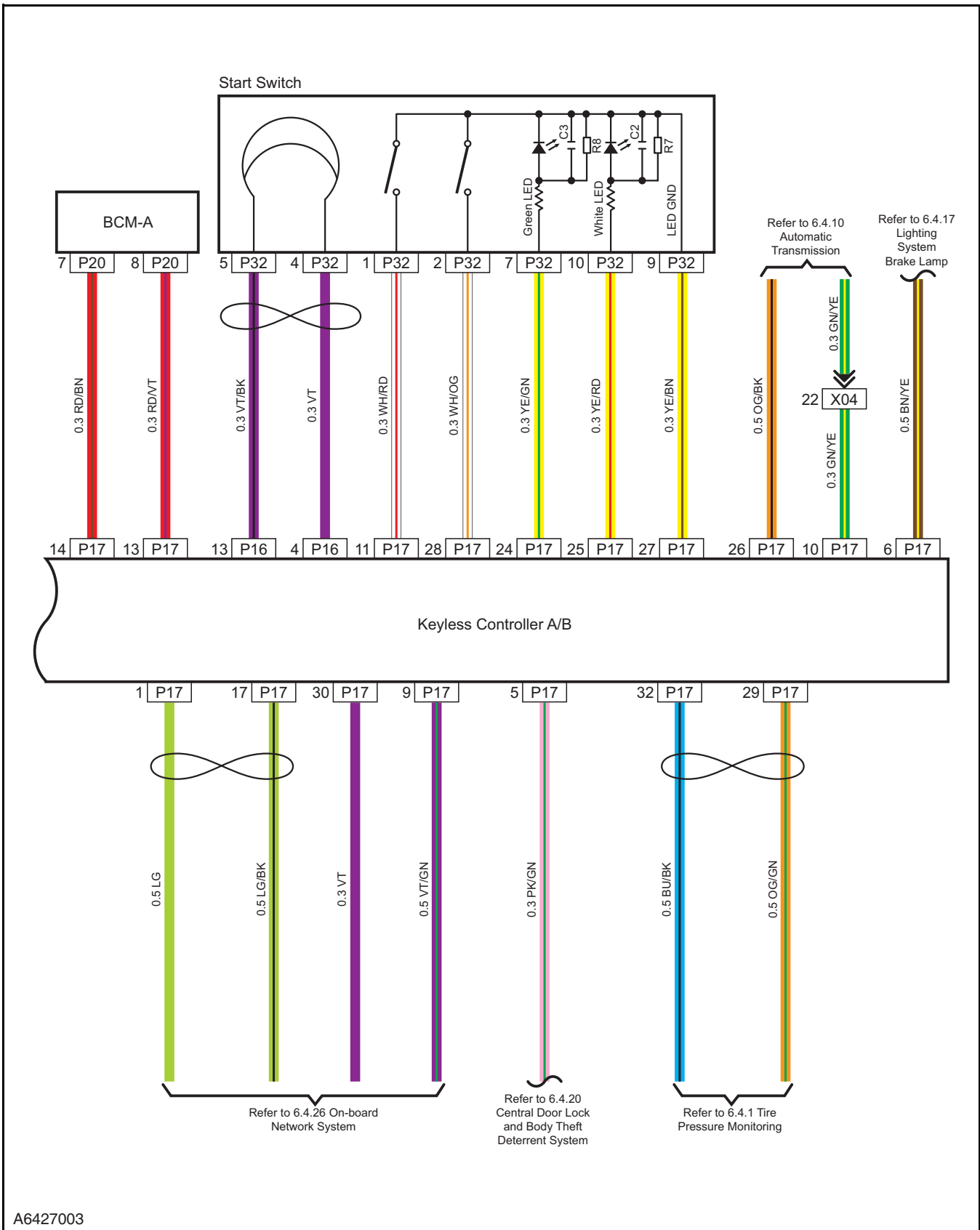


Antenna



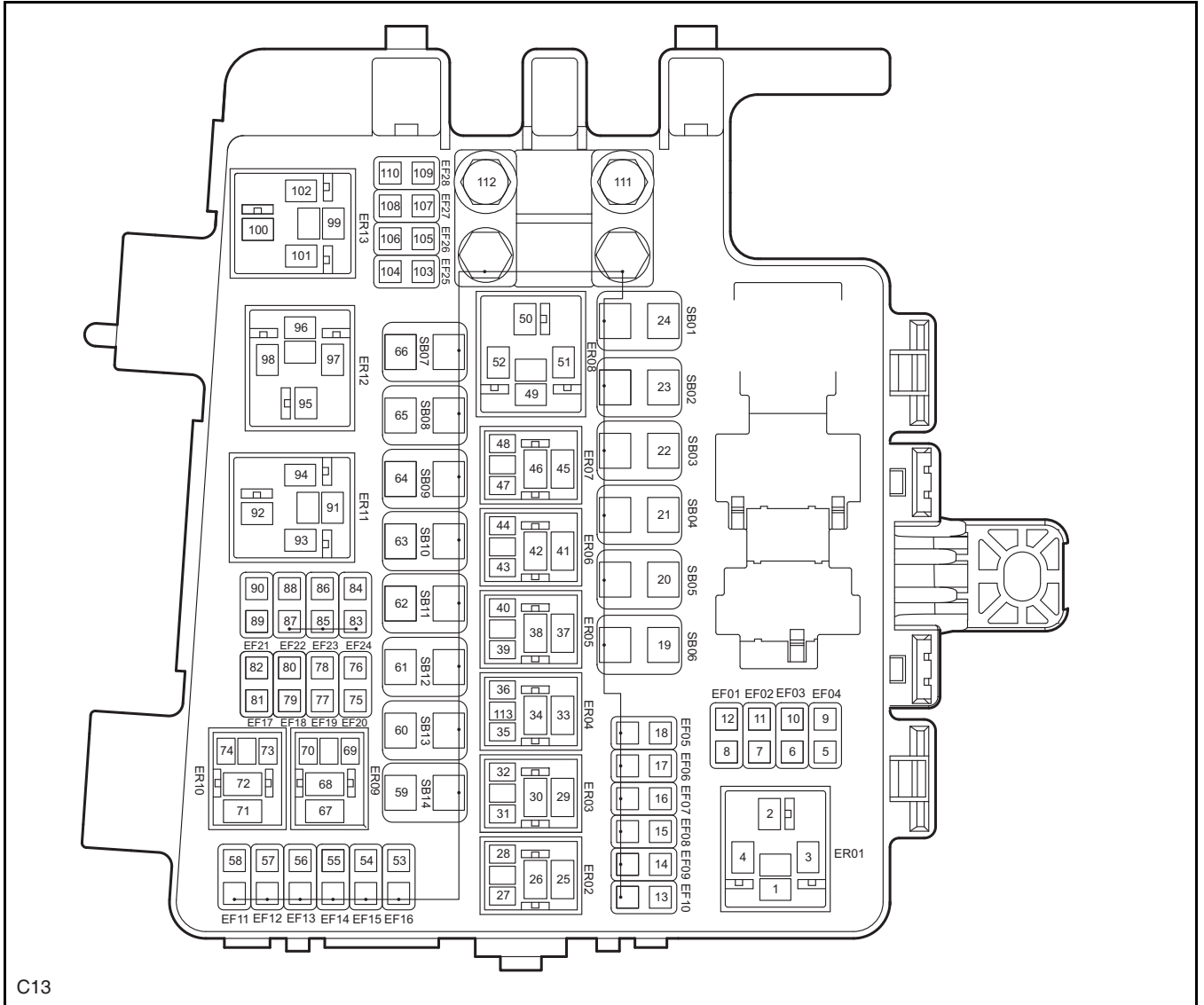
A6427002

Start Switch



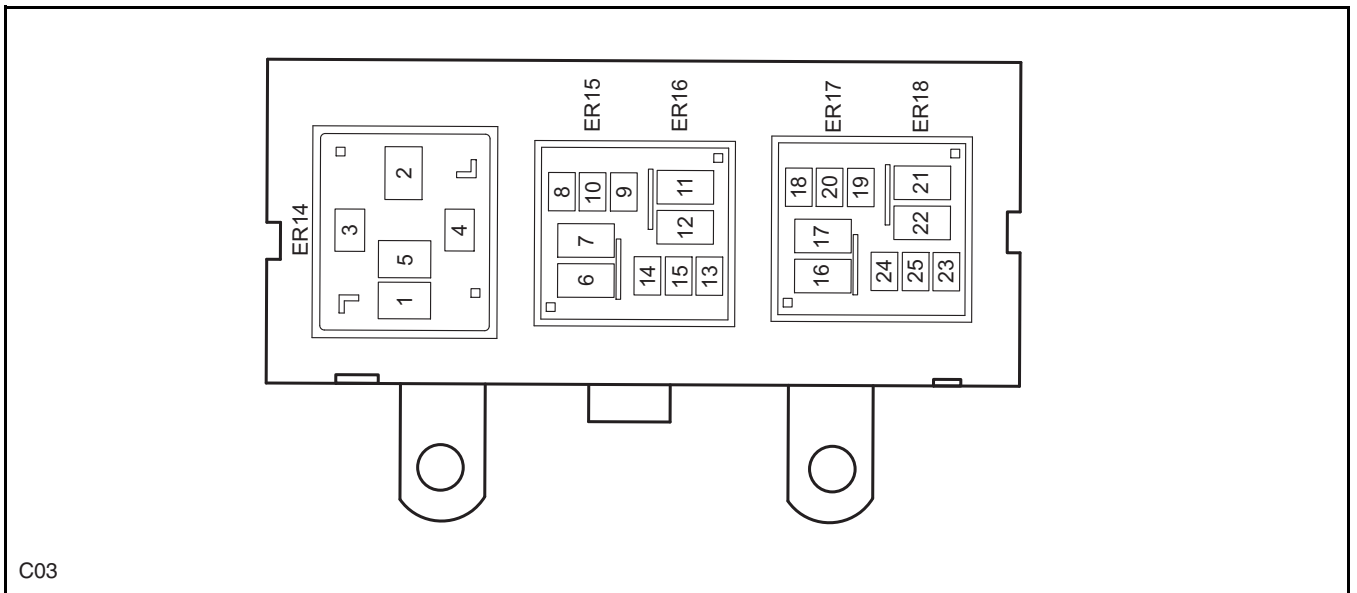
A6427003

Engine Compartment Main Fuse Box



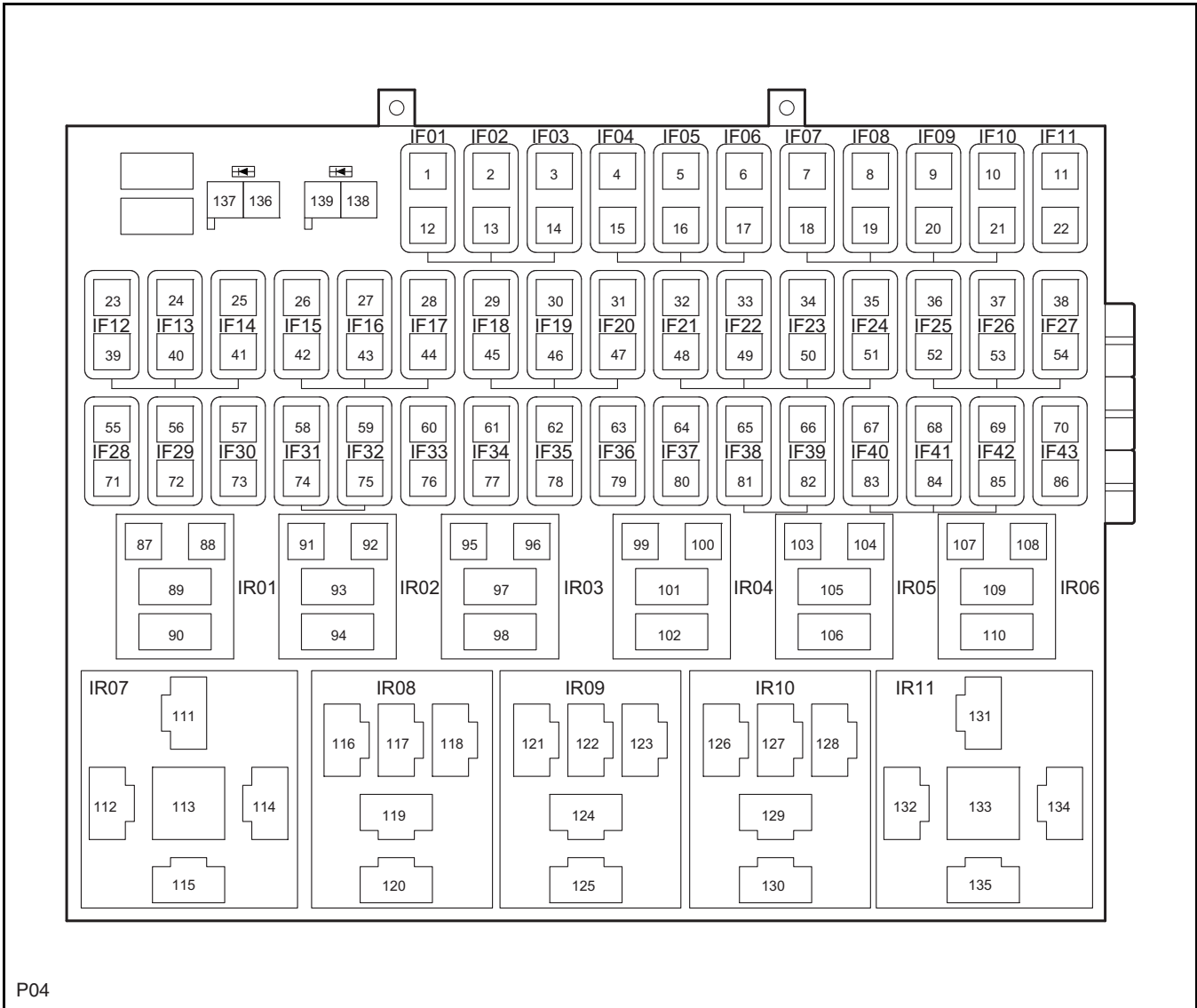
C13

Engine Compartment Sub Fuse Box



C03

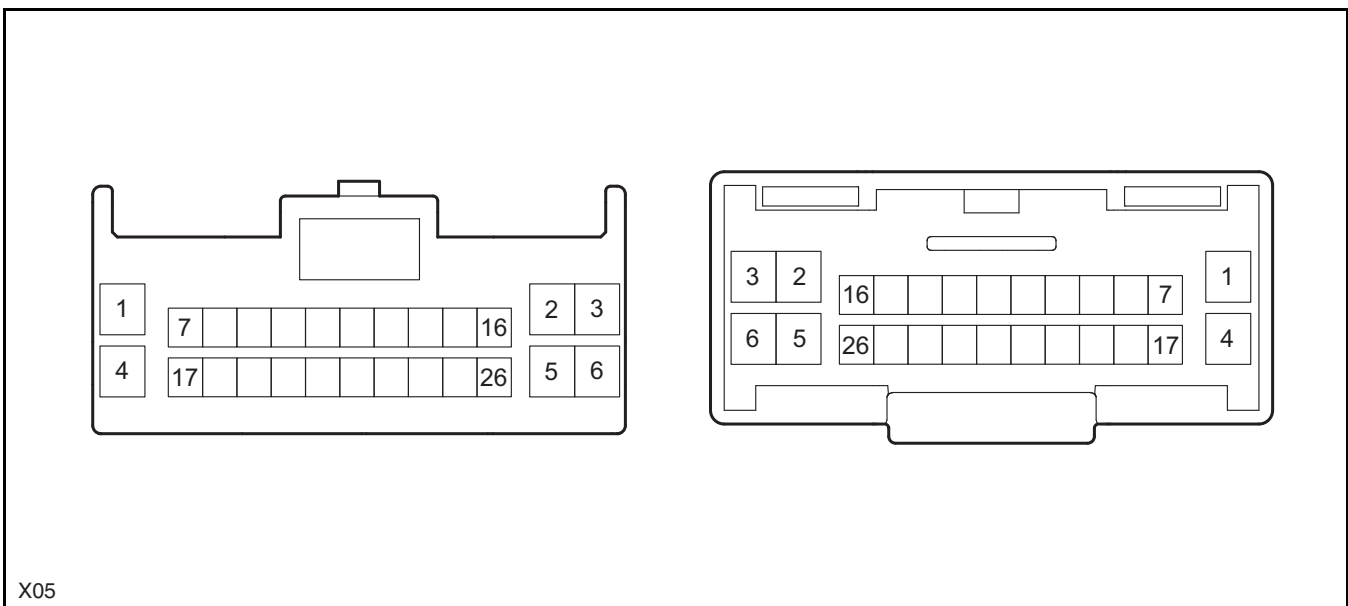
Instrument Panel Fuse Box



P04

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

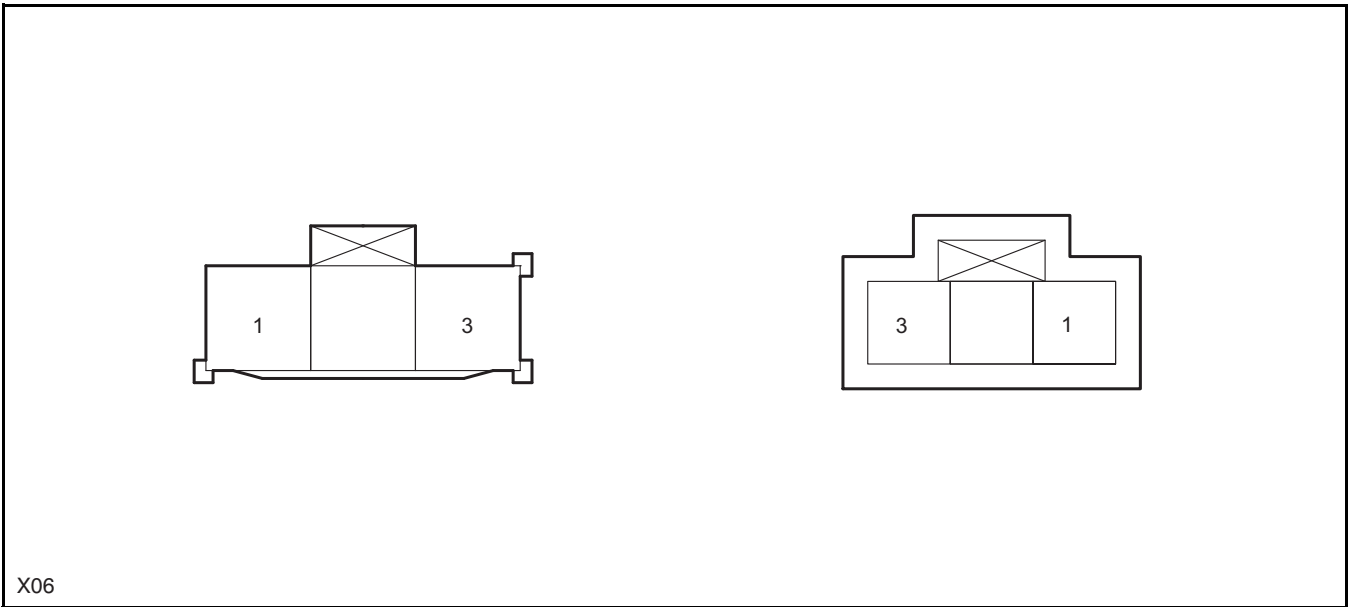
Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



X05

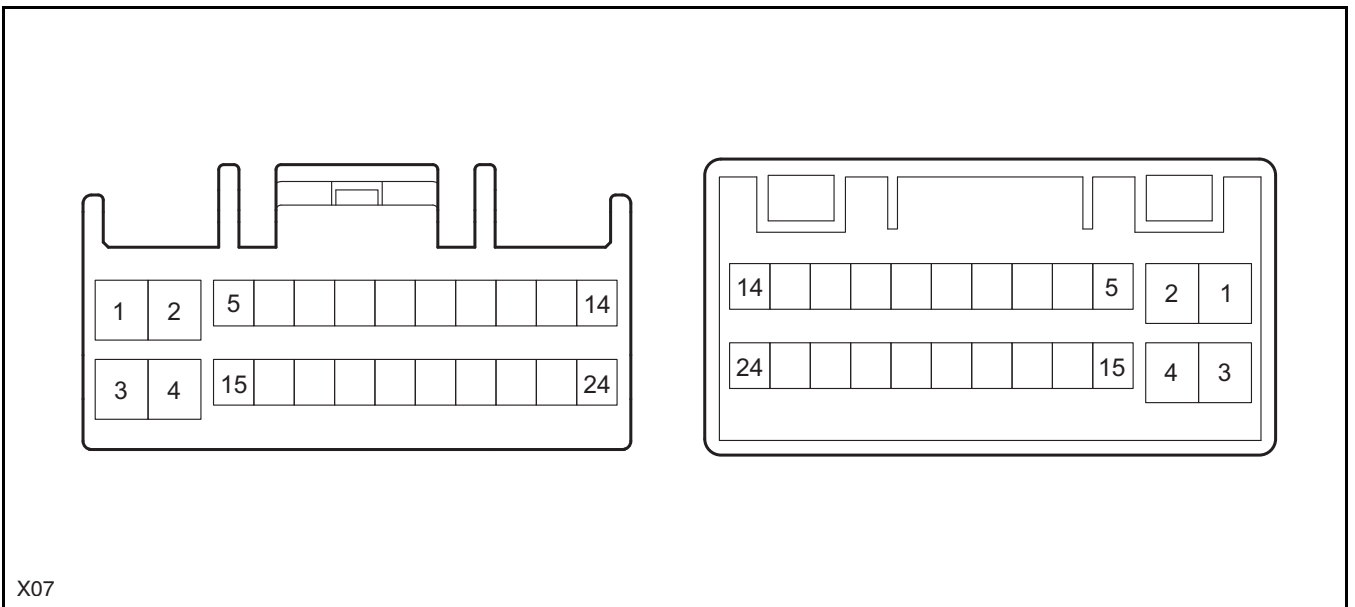
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



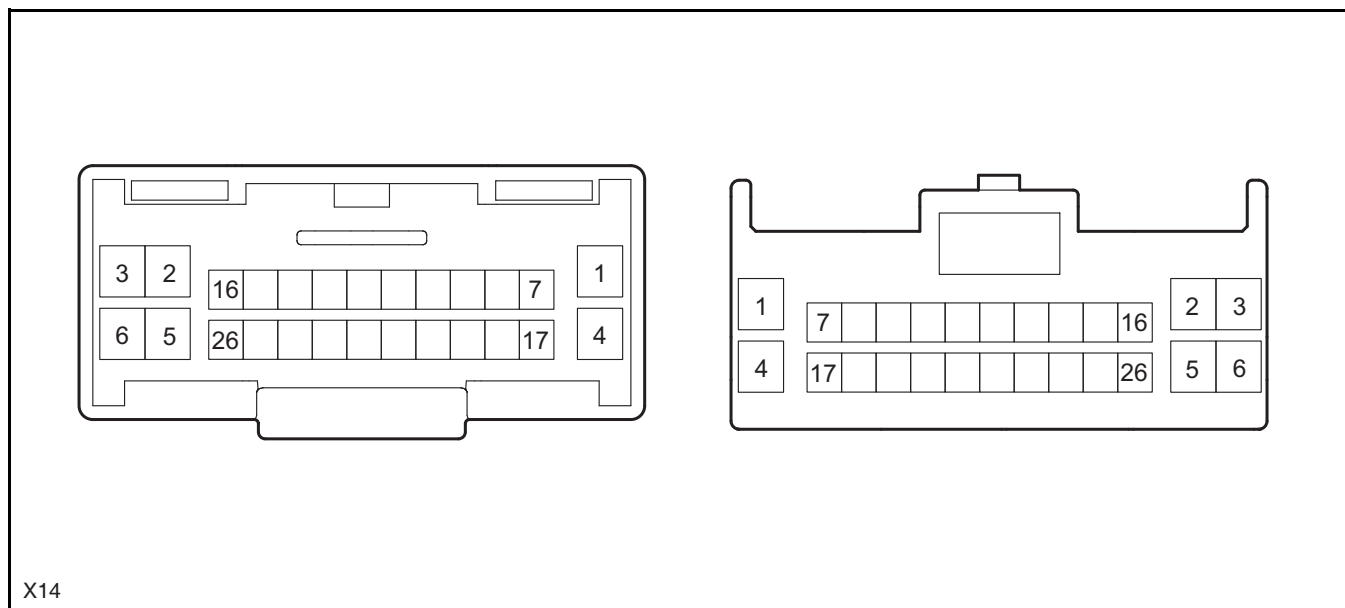
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

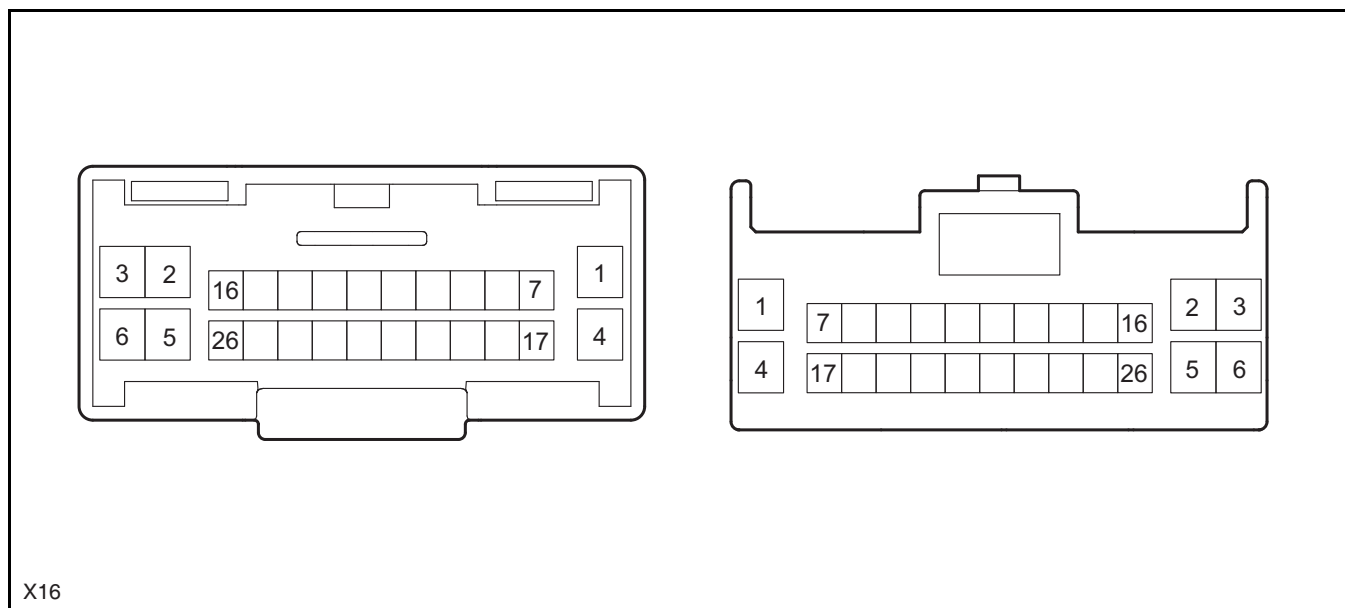
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

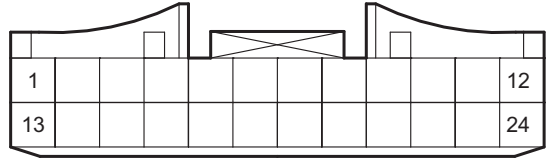
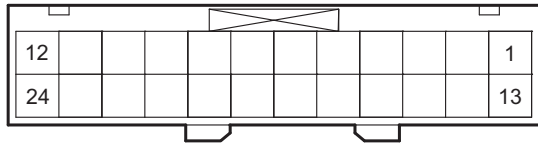
Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X16

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

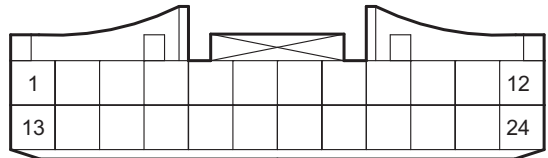
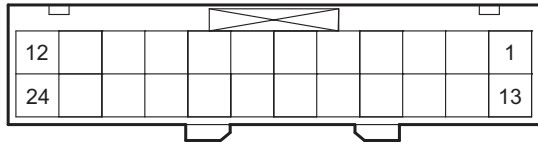
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



X20

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

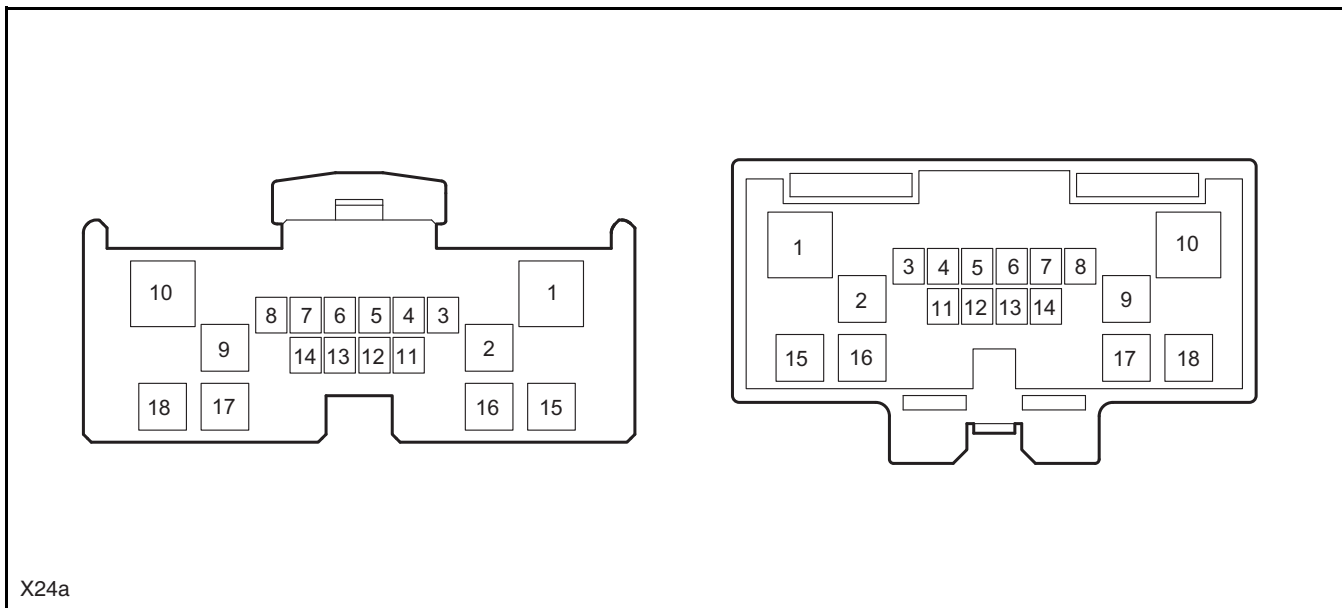
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2



X22

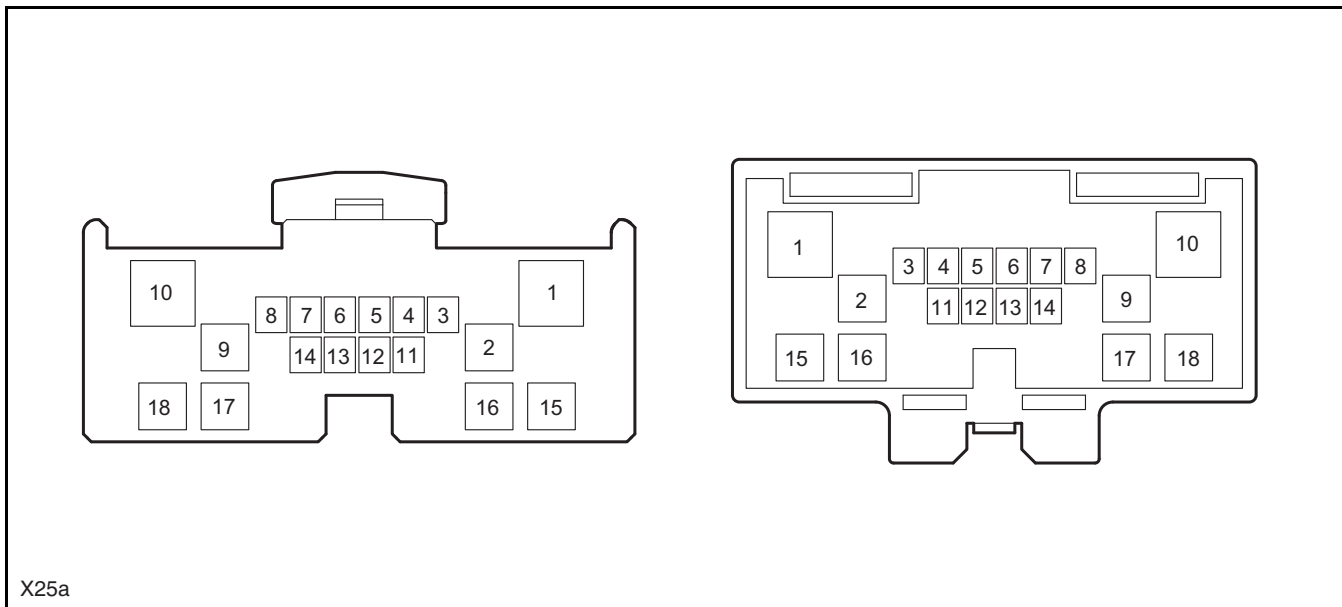
Left Rear Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Left Rear Door Wiring Harness



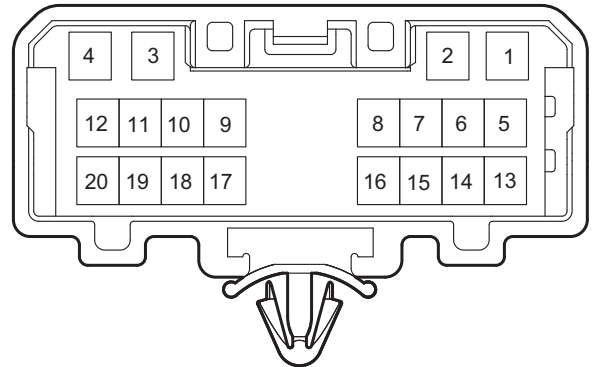
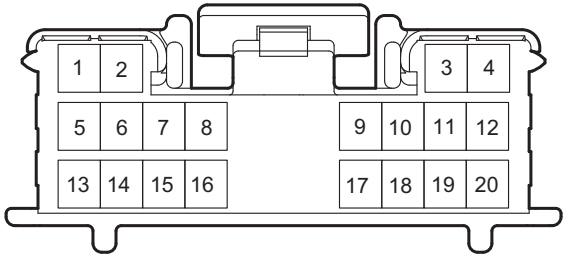
Right Rear Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Right Rear Door Wiring Harness



Rear Bumper Wiring Harness to Chassis Wiring Harness

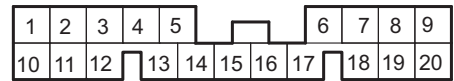
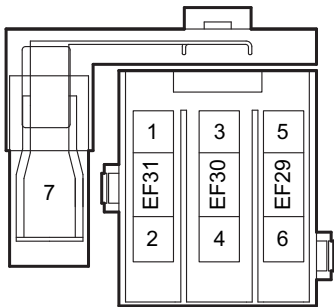
Chassis Wiring Harness to Rear Bumper Wiring Harness



X29

Battery Positive Fuse Box

Keyless Controller A

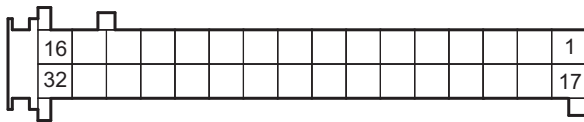


E28

P16

Keyless Controller B

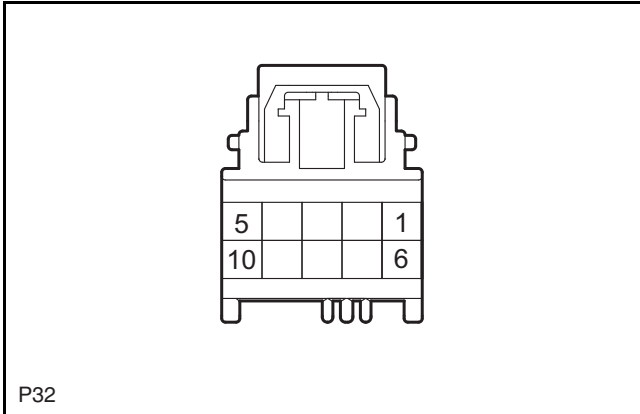
BCM-A



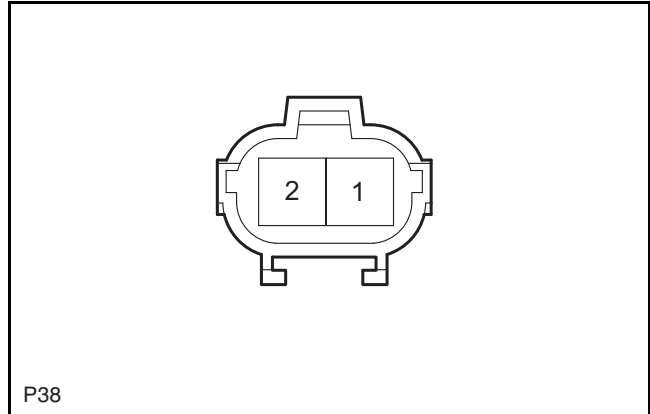
P17

P20

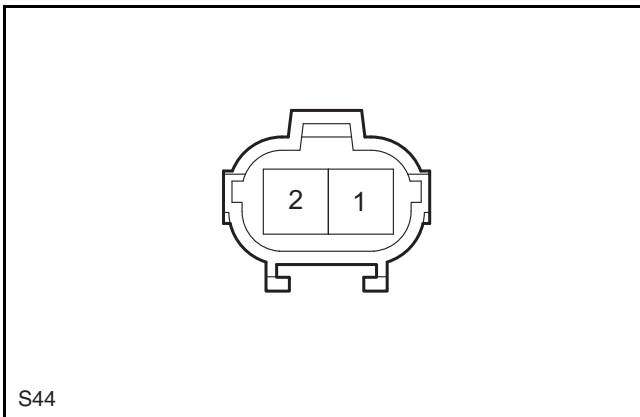
Start Switch



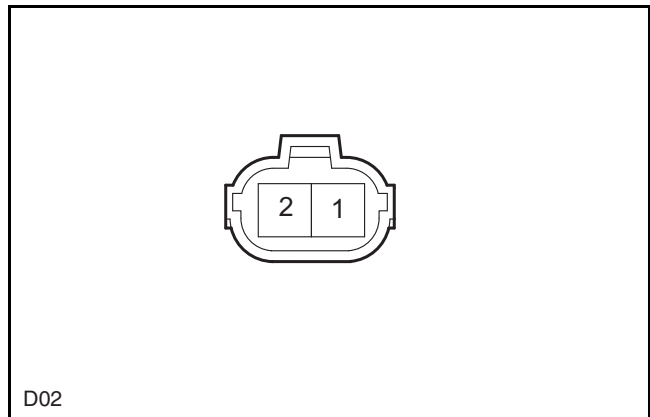
Front Antenna



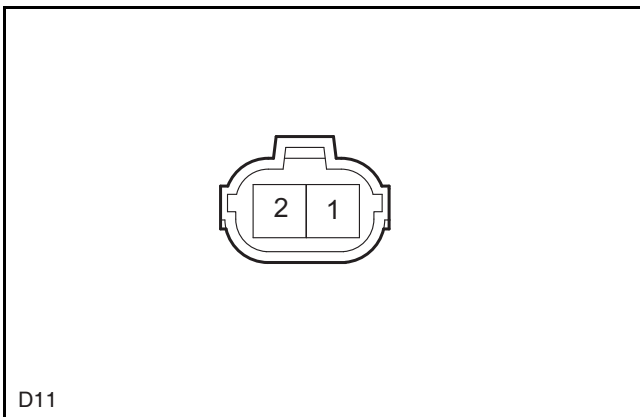
Rear Bumper Antenna



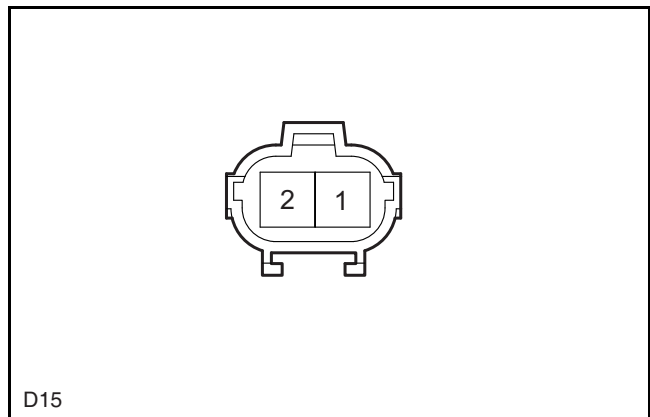
Left Front Door Handle Button



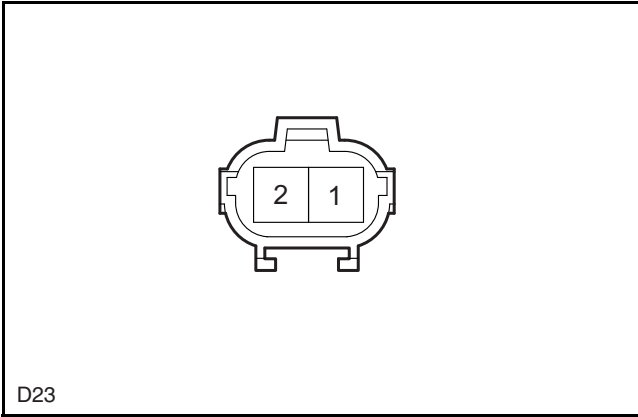
Right Front Door Handle Button



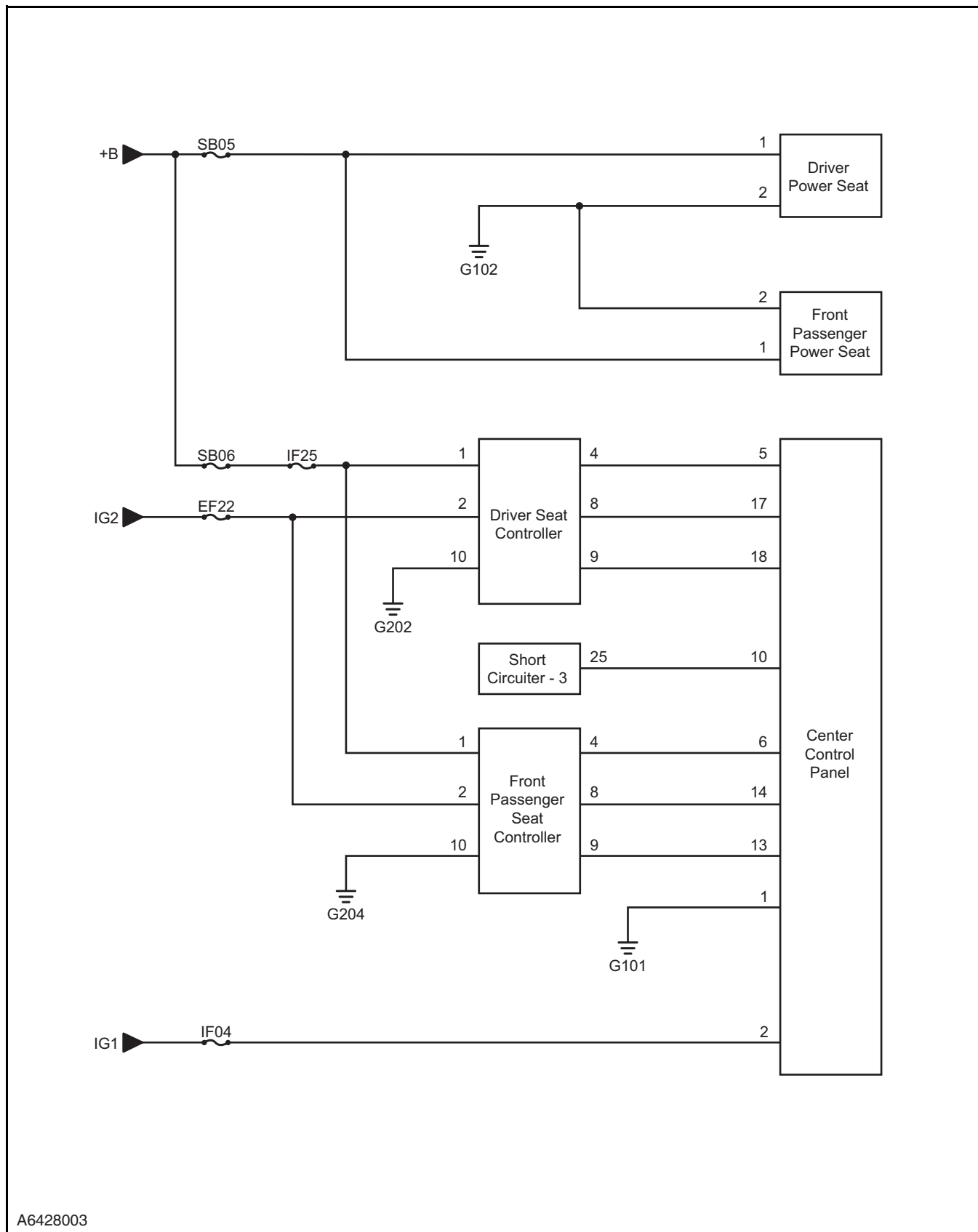
Left Rear Antenna



Right Rear Antenna

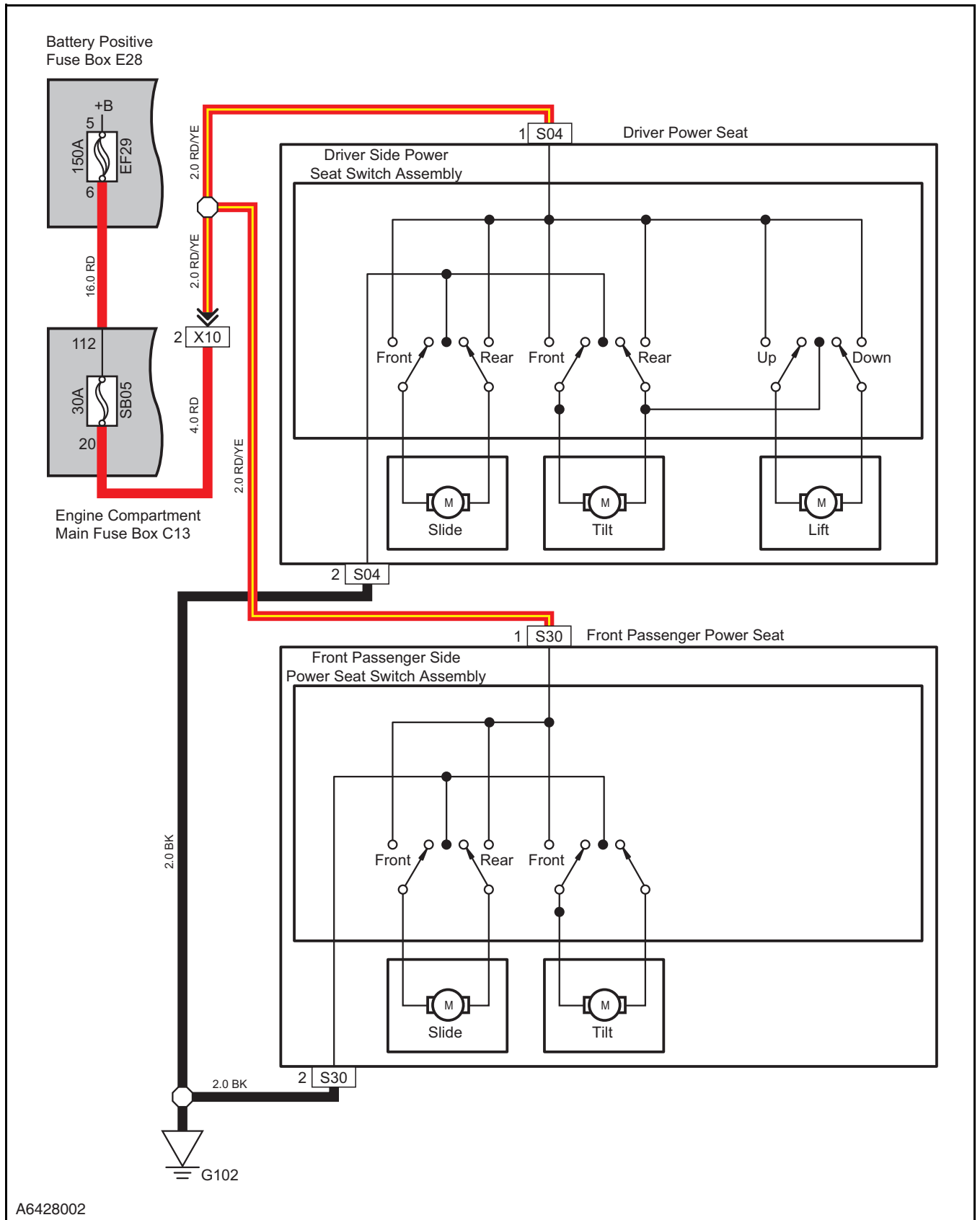


Power Seat



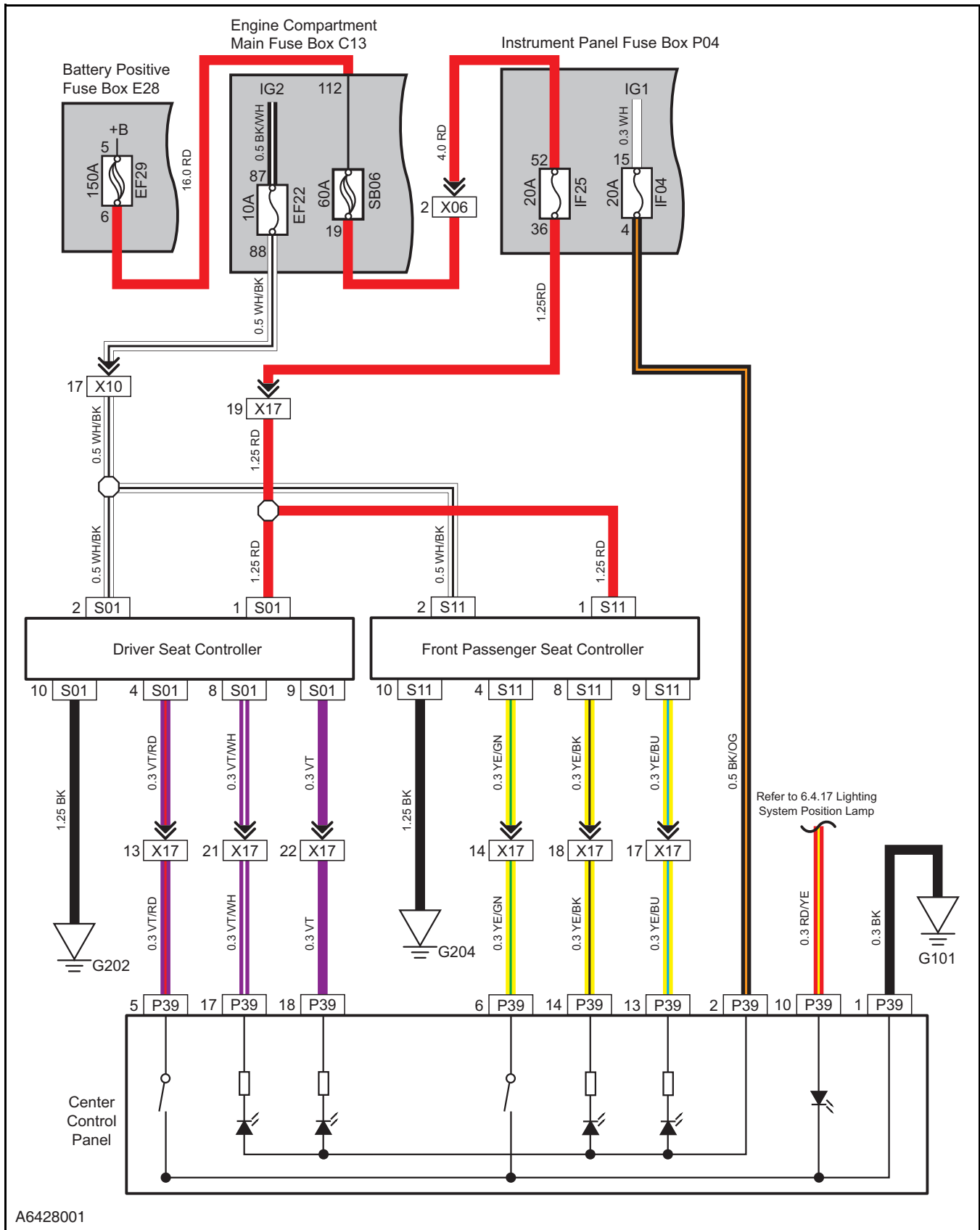
A6428003

Seat Adjustment

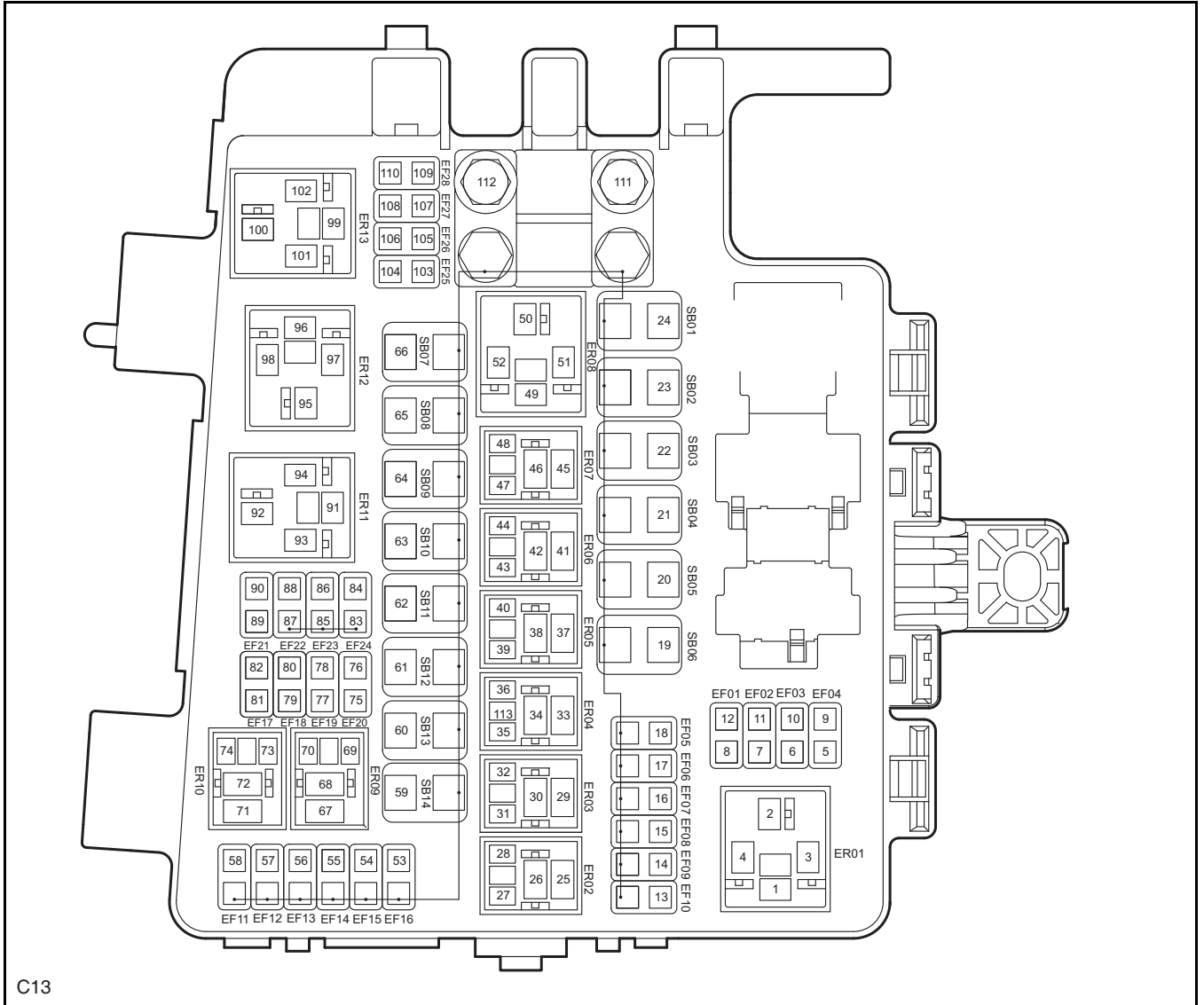


A6428002

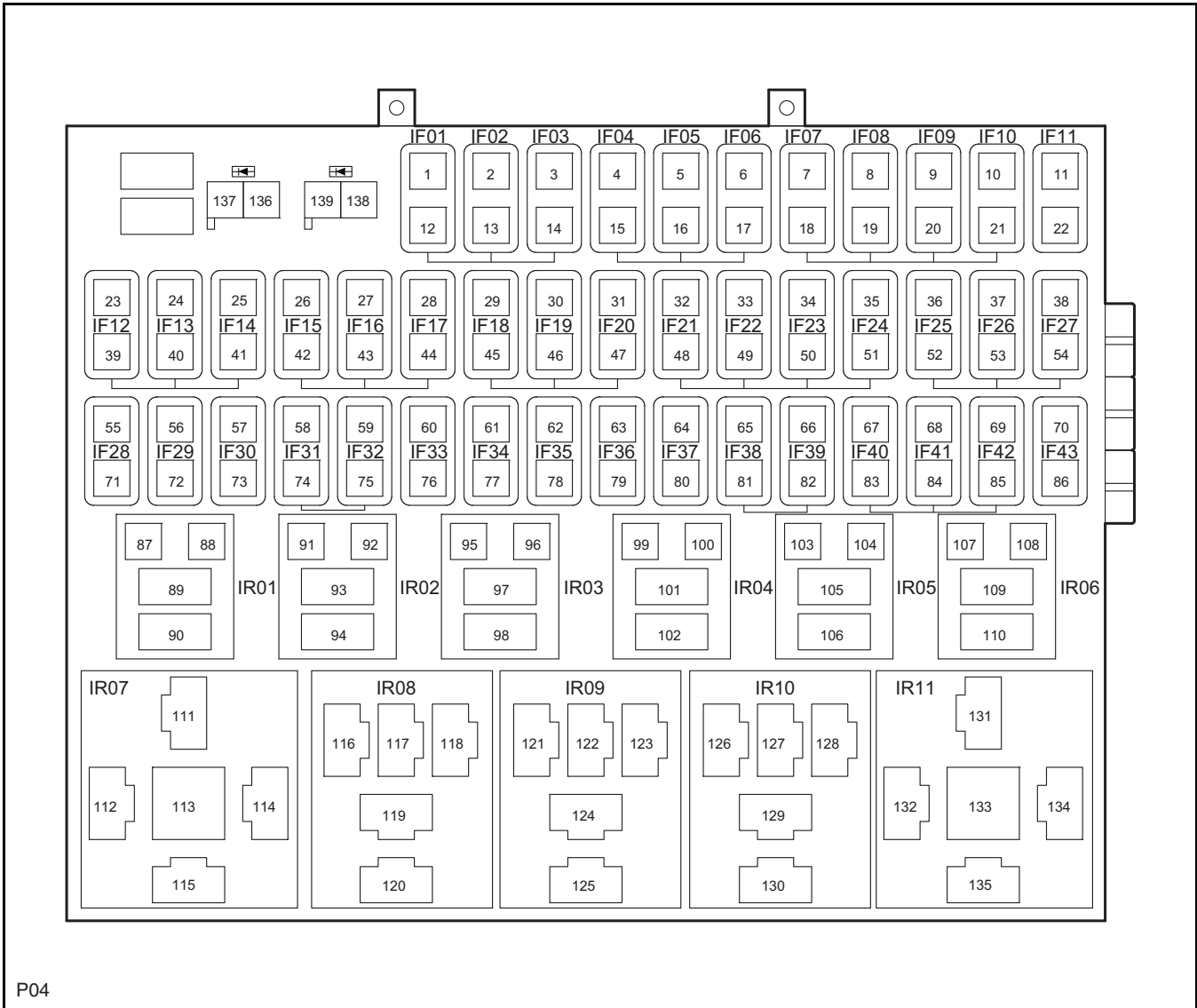
Seat Ventilation



Engine Compartment Main Fuse Box

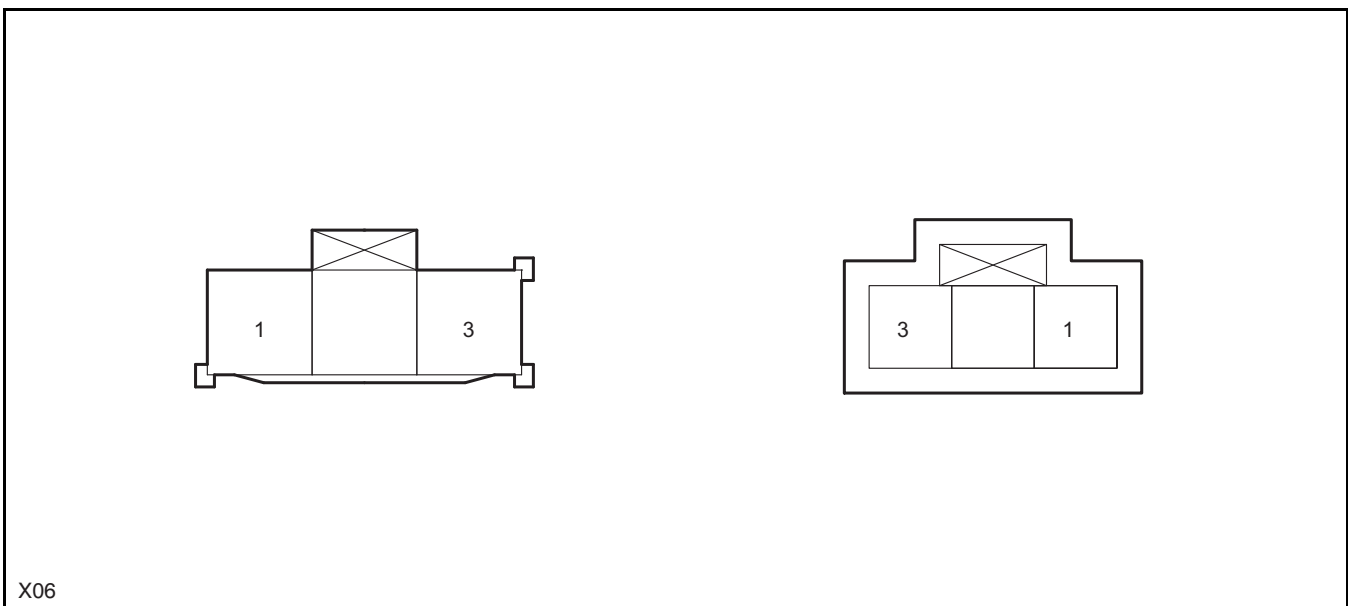


Instrument Panel Fuse Box



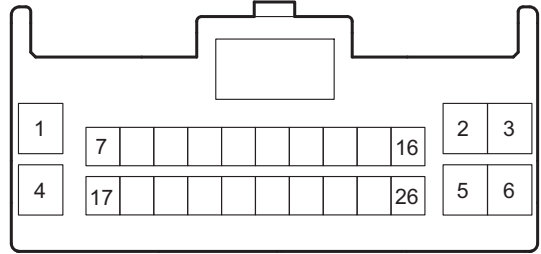
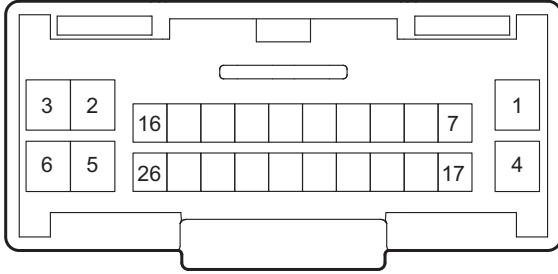
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Chassis Wiring Harness to Engine Compartment Wiring Harness - Left

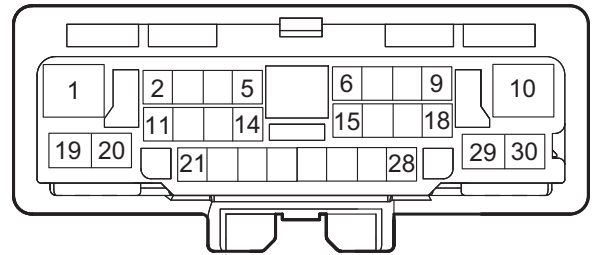
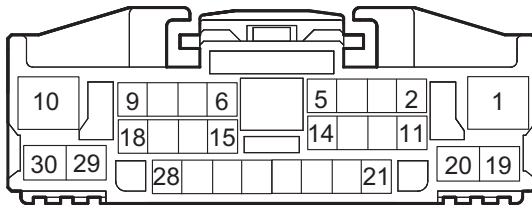
Engine Compartment Wiring Harness to Chassis Wiring Harness - Left



X10

Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

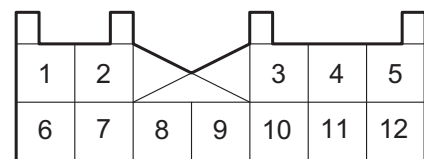
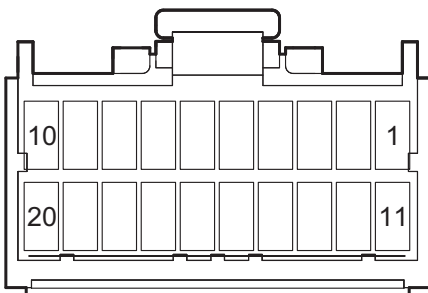
Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



X17

Center Control Panel

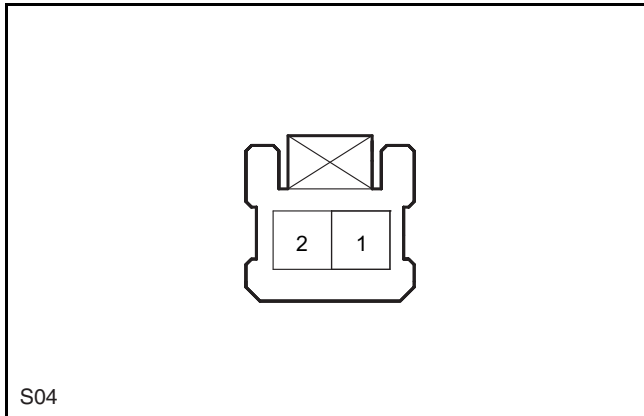
Driver Seat Controller



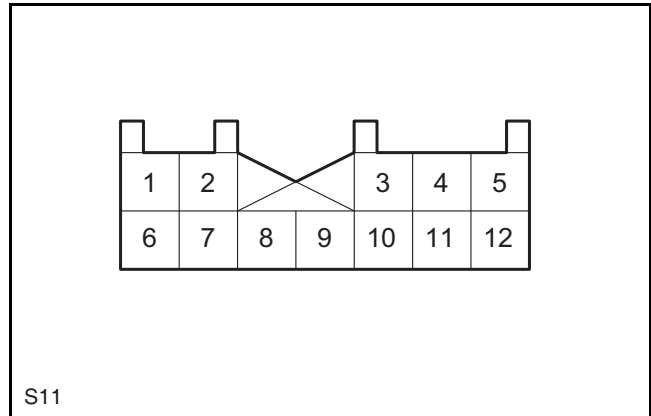
P39

S01

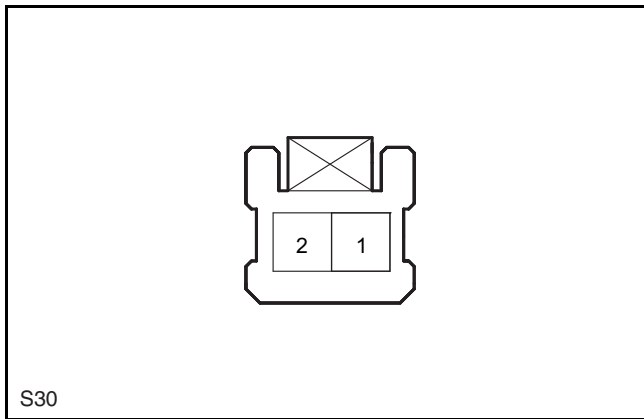
Driver Power Seat



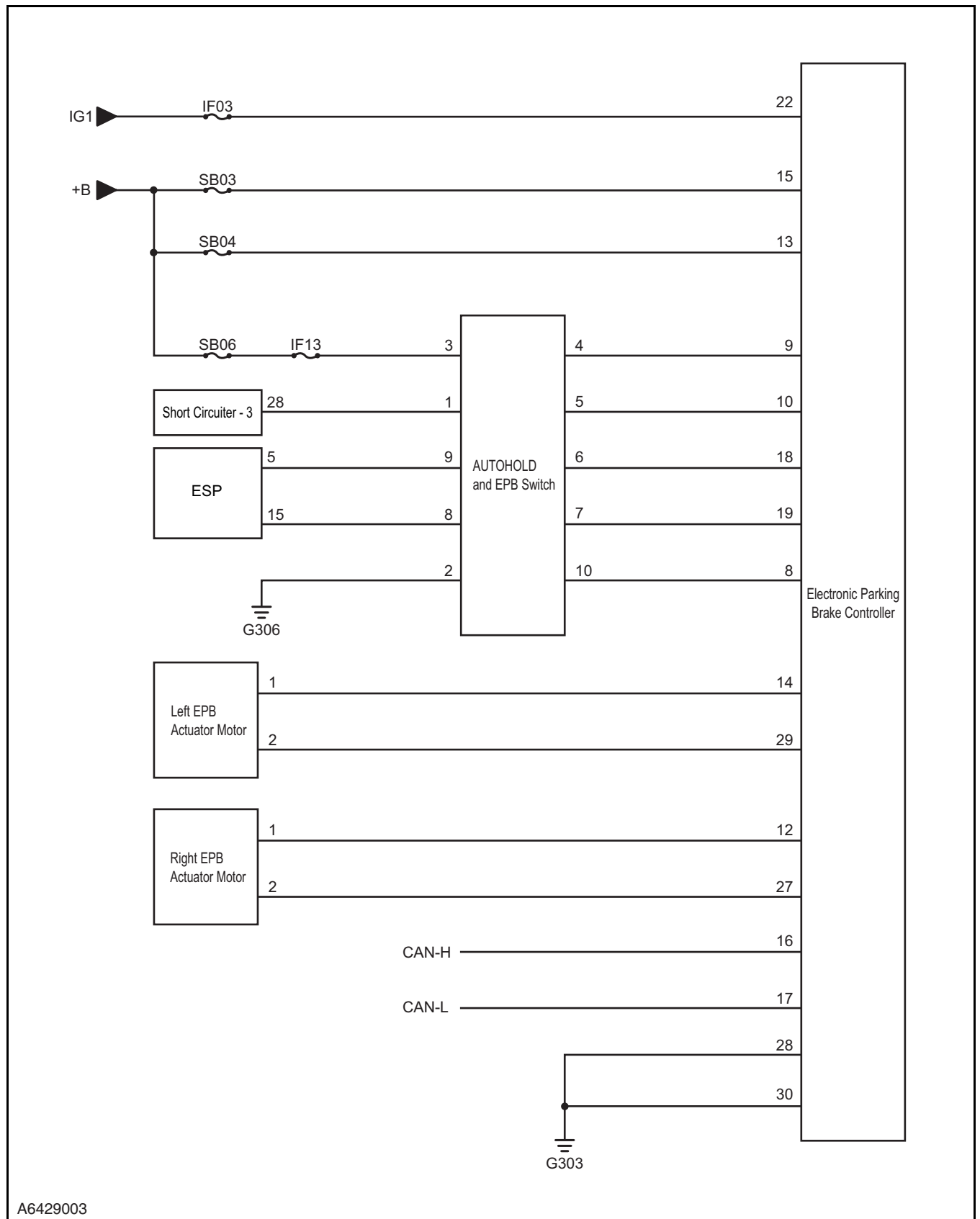
Front Passenger Seat Controller



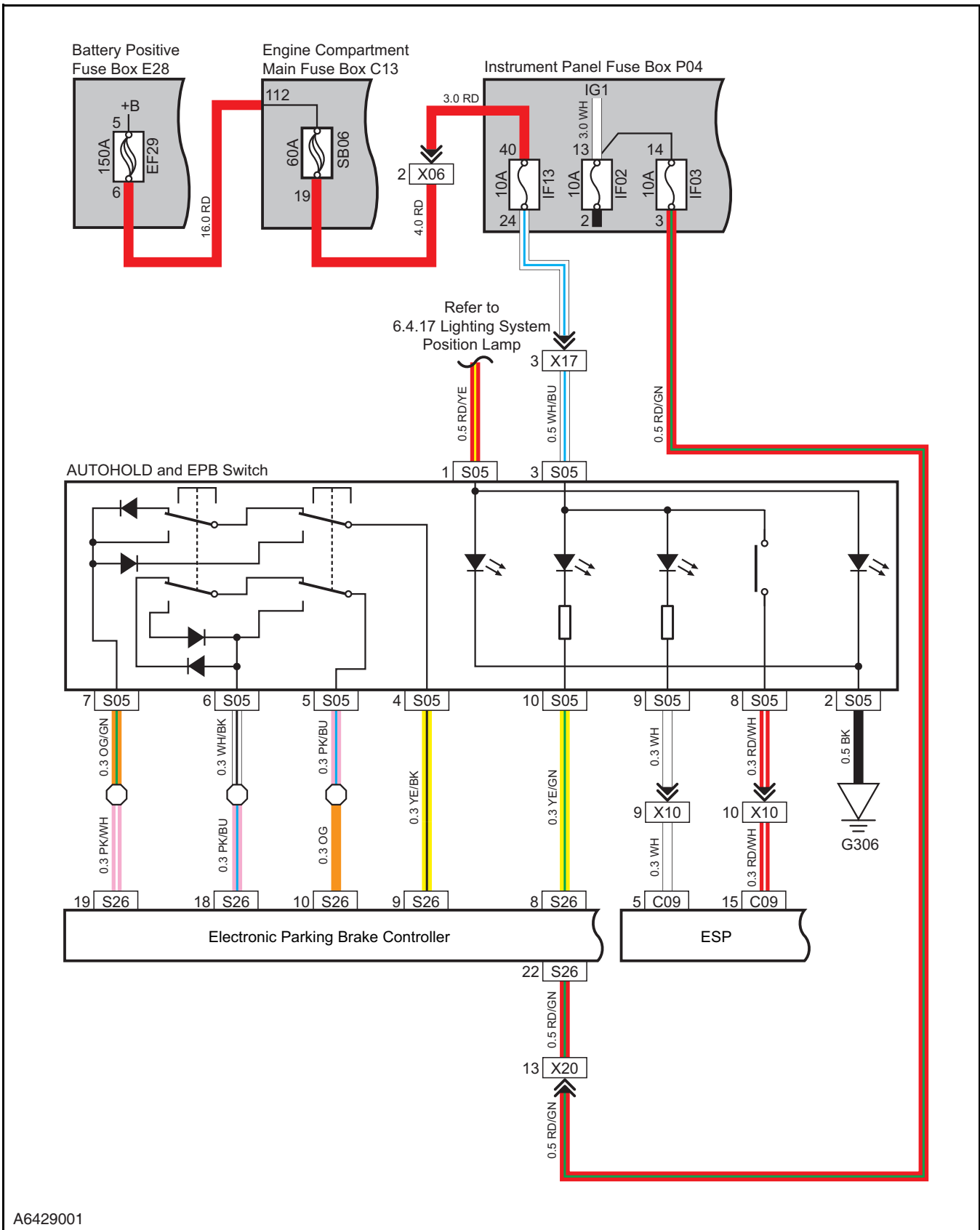
Front Passenger Power Seat



Electronic Parking Brake System

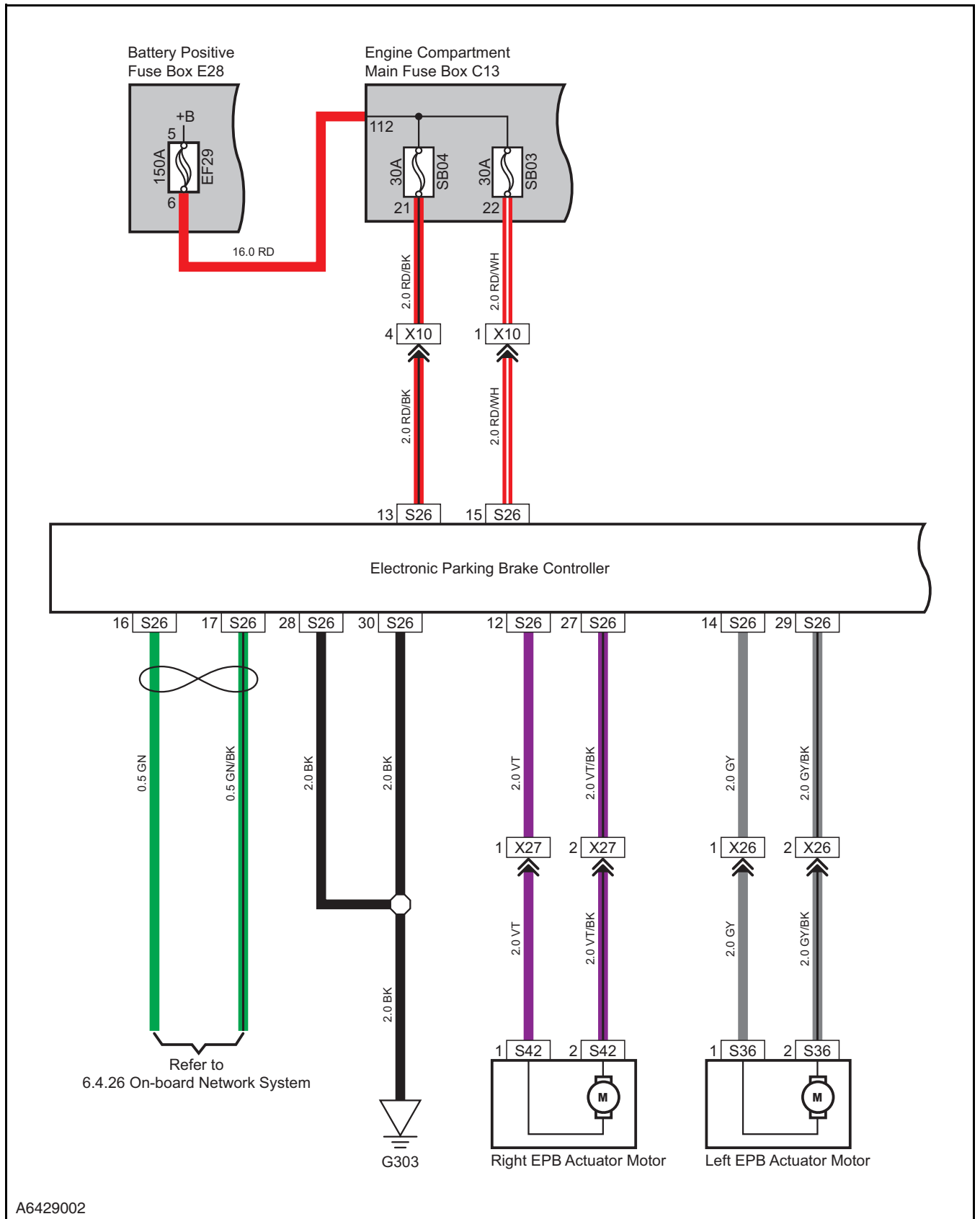


AUTOHOLD and EPB Switch



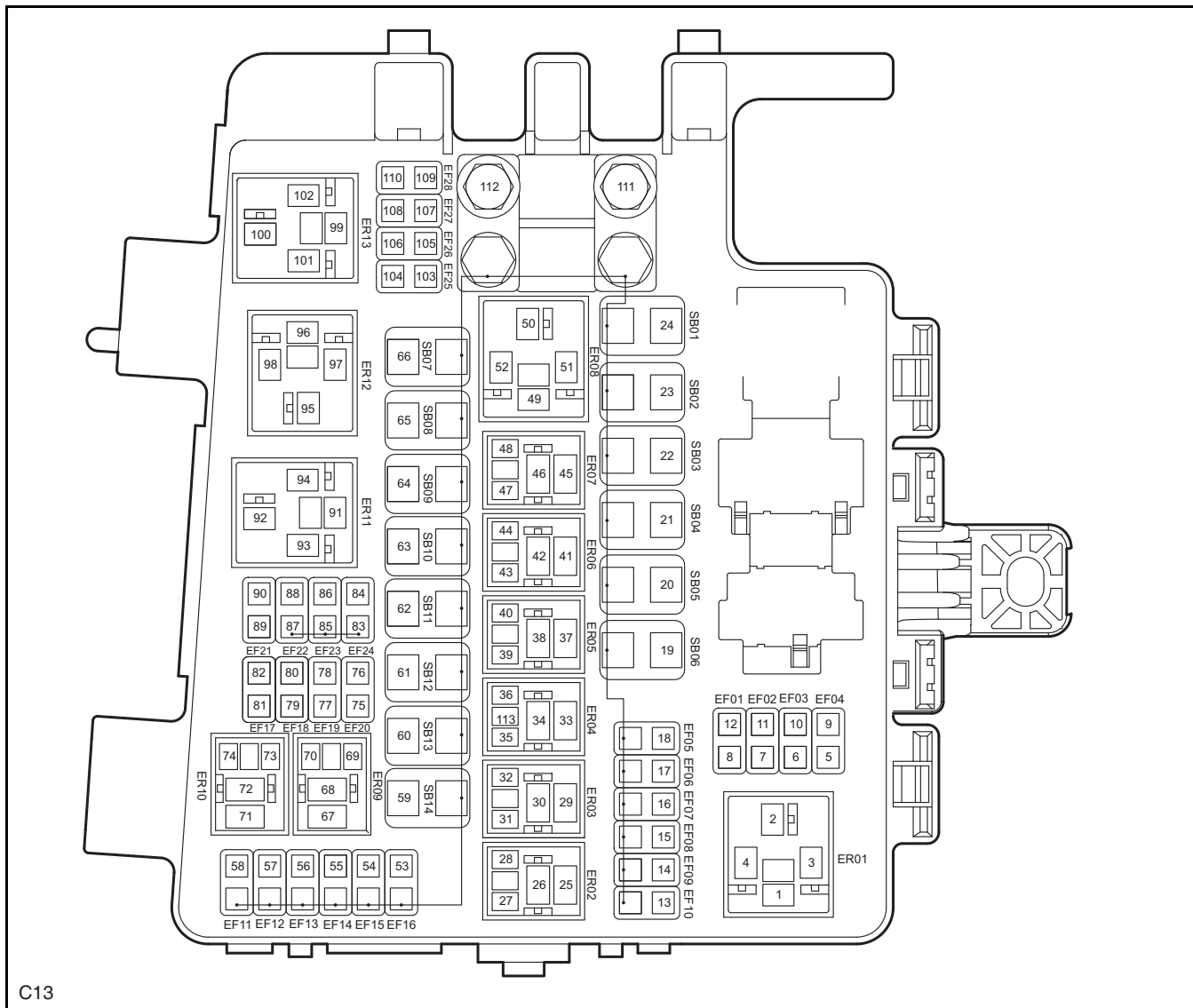
A6429001

Electronic Parking Brake Actuator Motor

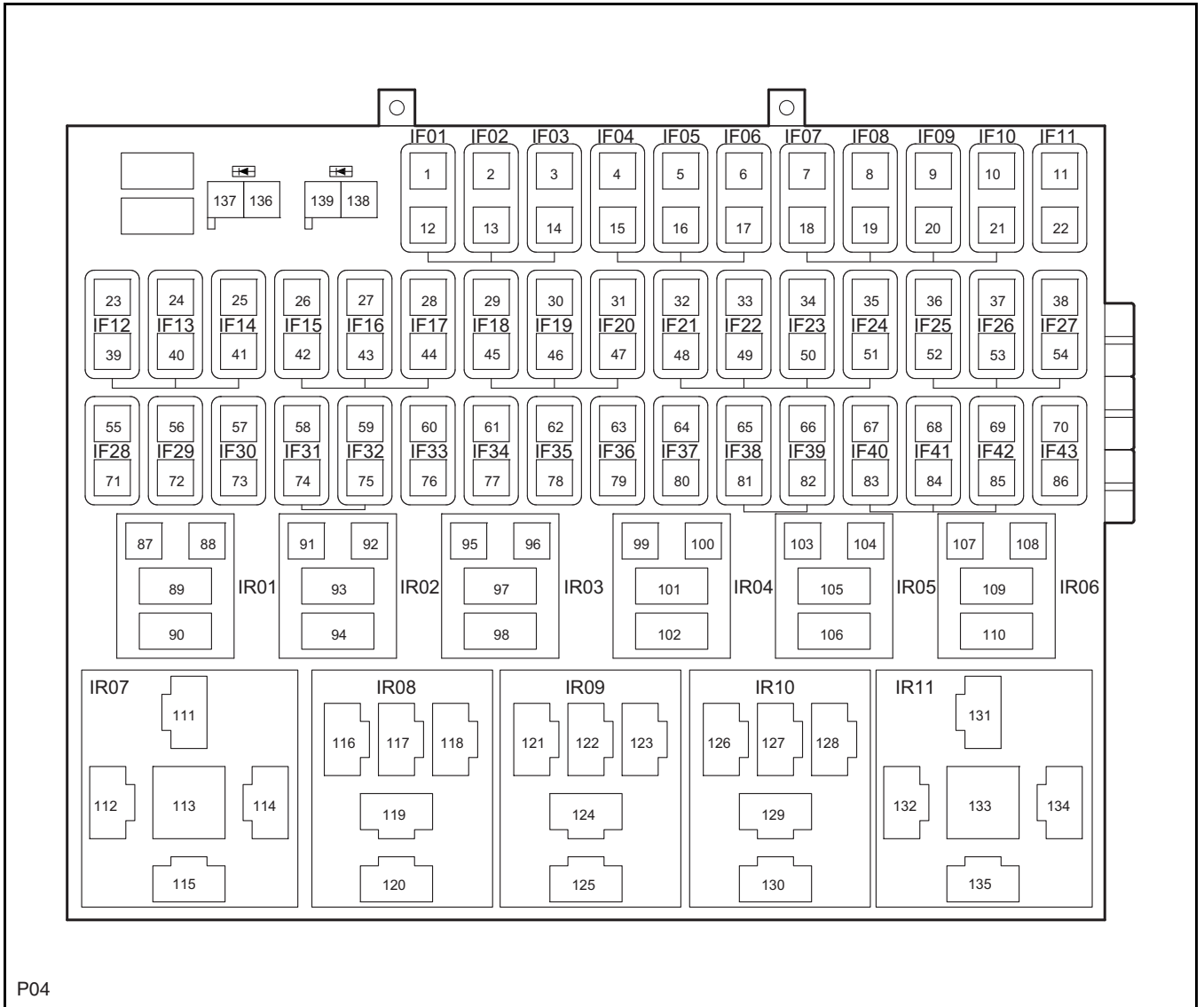


A6429002

Engine Compartment Main Fuse Box

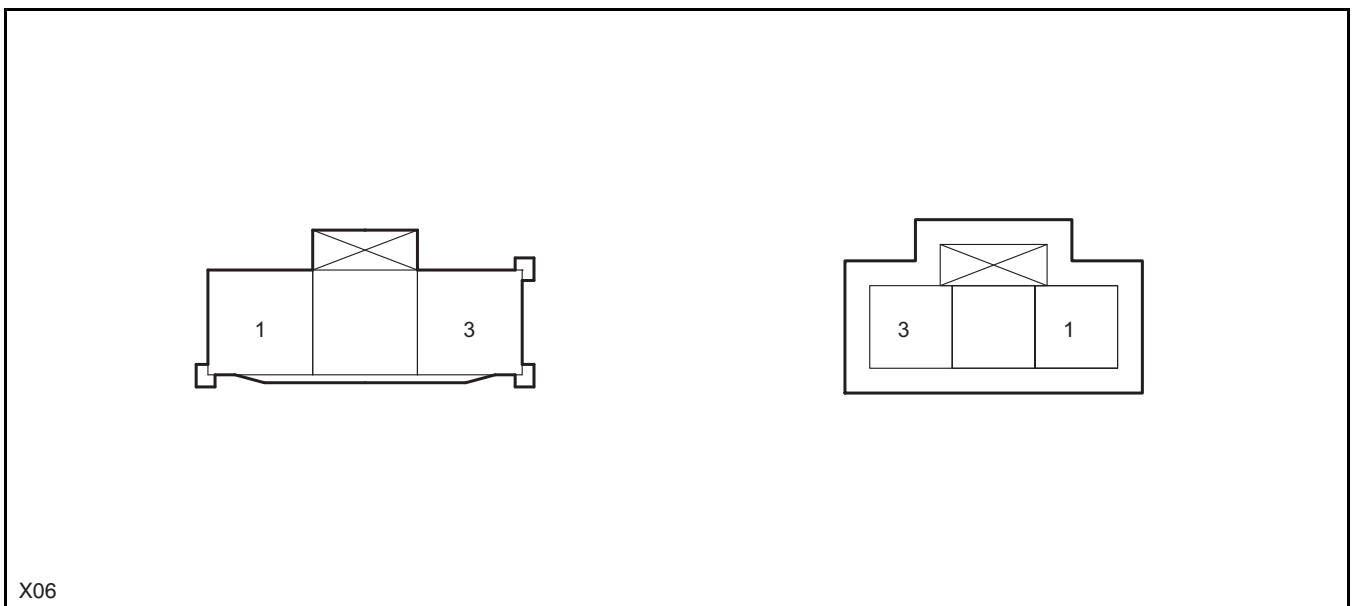


Instrument Panel Fuse Box



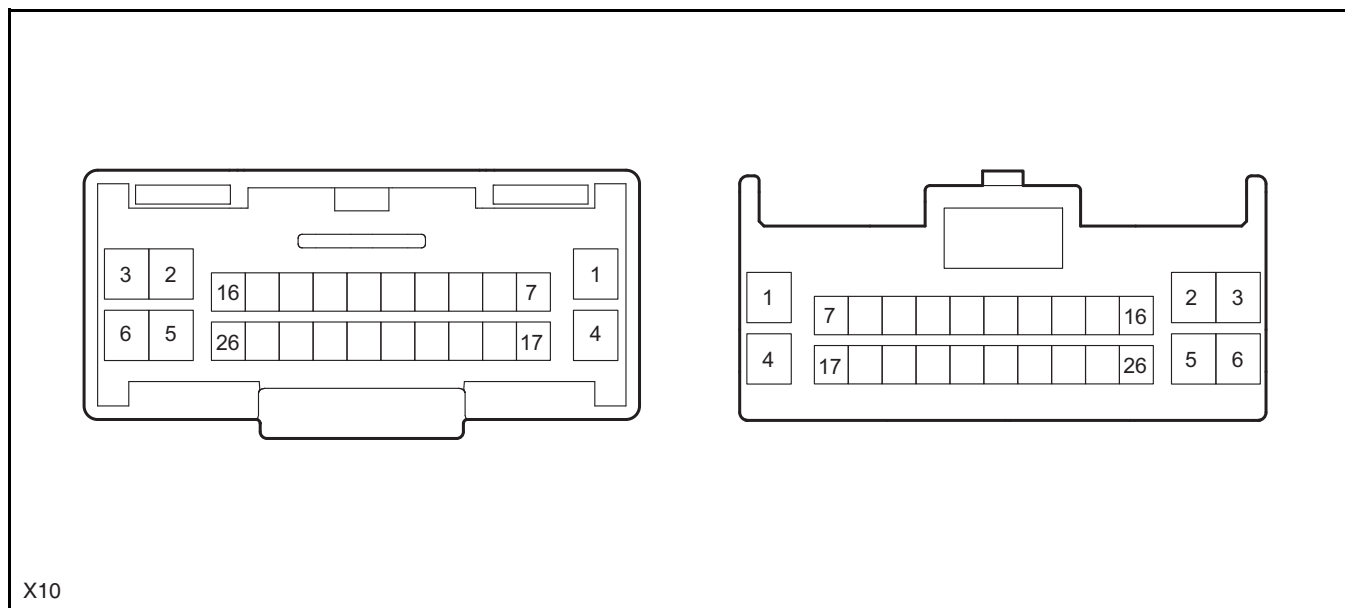
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Chassis Wiring Harness to Engine Compartment Wiring Harness - Left

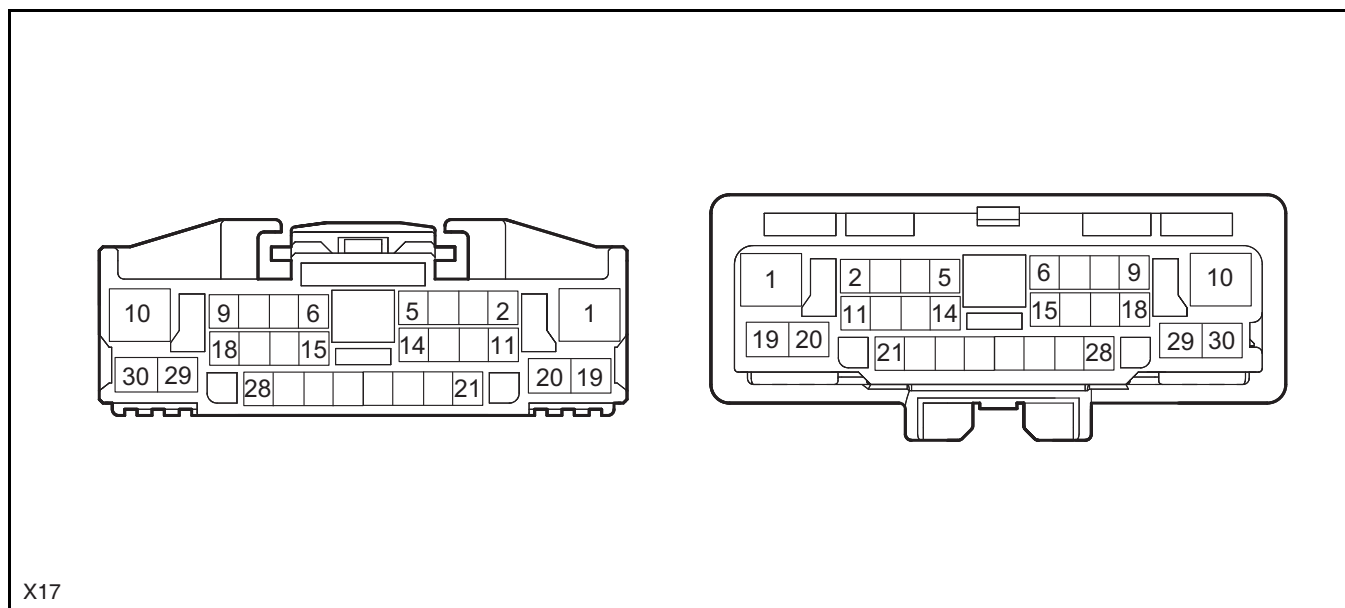
Engine Compartment Wiring Harness to Chassis Wiring Harness - Left



X10

Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

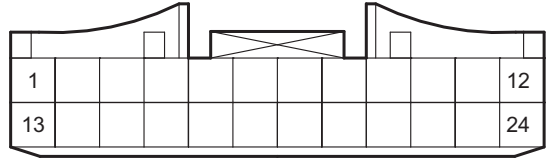
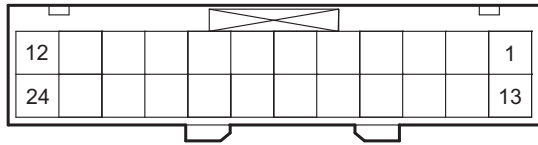
Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



X17

Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 2

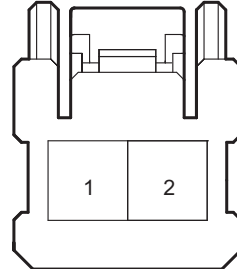
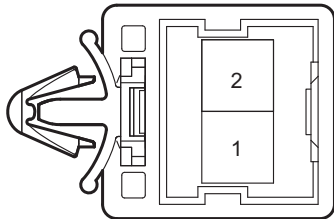
Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 2



X20

Chassis Wiring Harness to Electronic Parking Brake Wiring Harness - Left

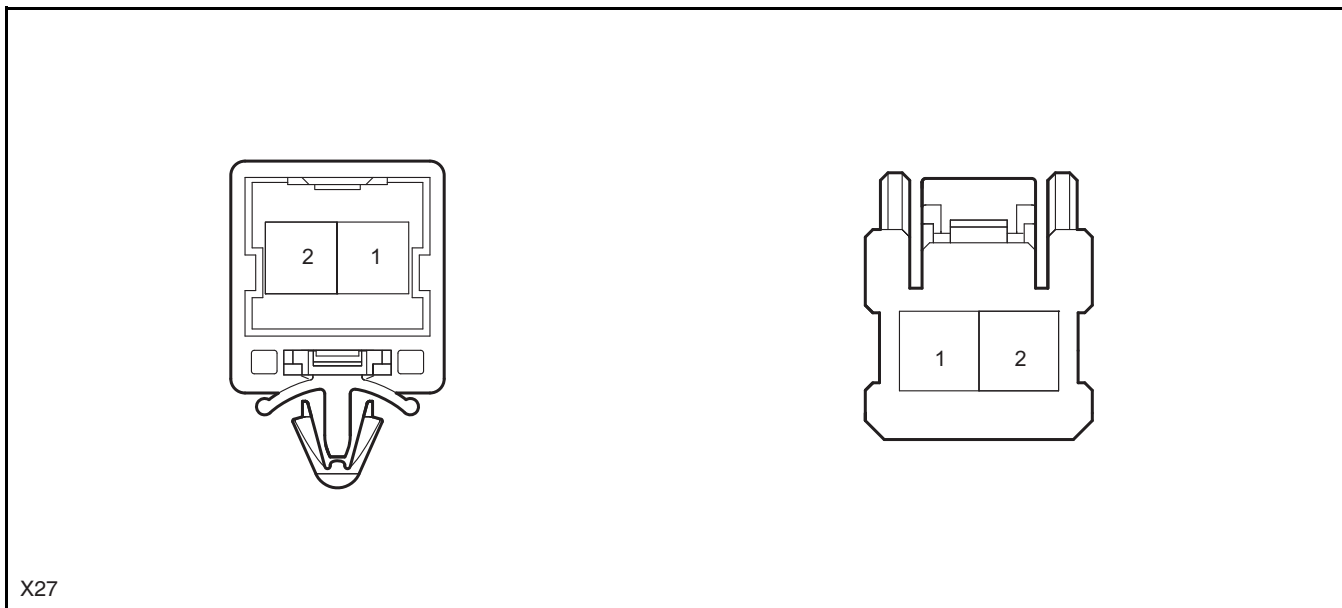
Electronic Parking Brake Wiring Harness to Chassis Wiring Harness - Left



X26

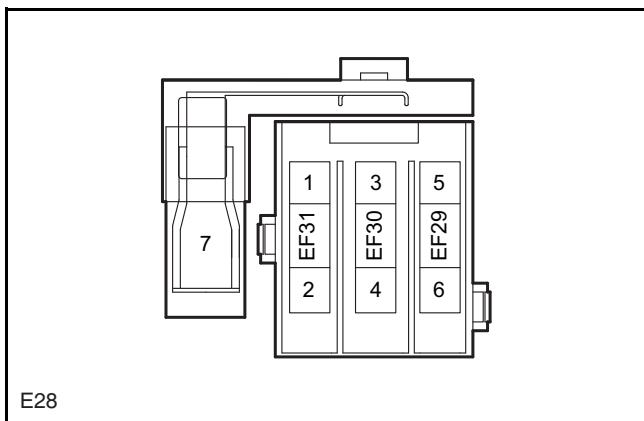
Chassis Wiring Harness to Electronic Parking Brake
Wiring Harness - Right

Electronic Parking Brake Wiring Harness to Chassis
Wiring Harness - Right

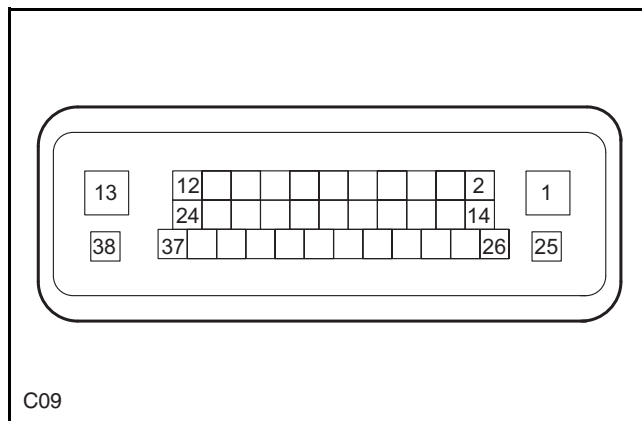


Battery Positive Fuse Box

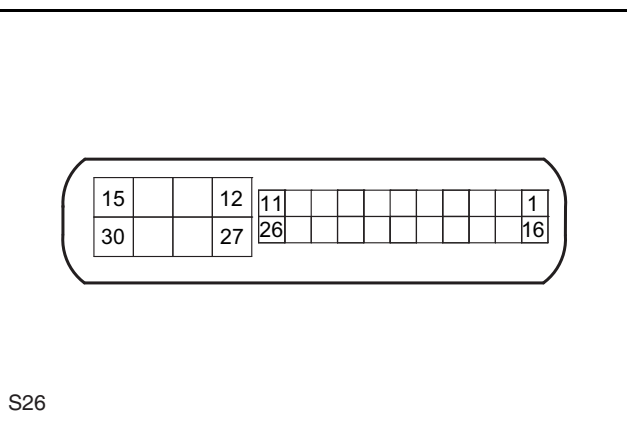
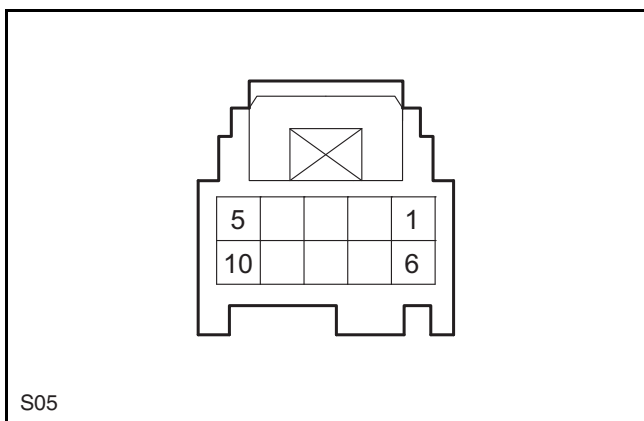
ESP



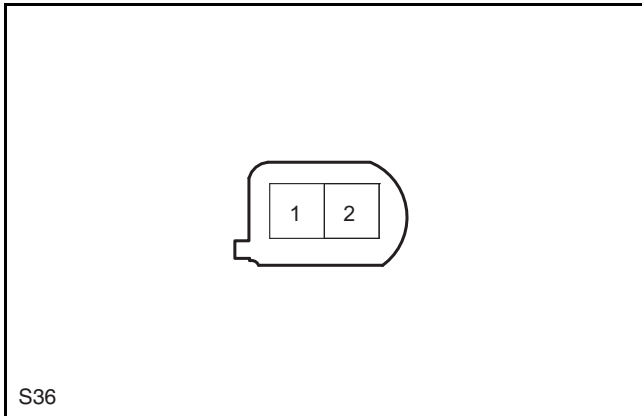
AUTOHOLD and EPB Switch



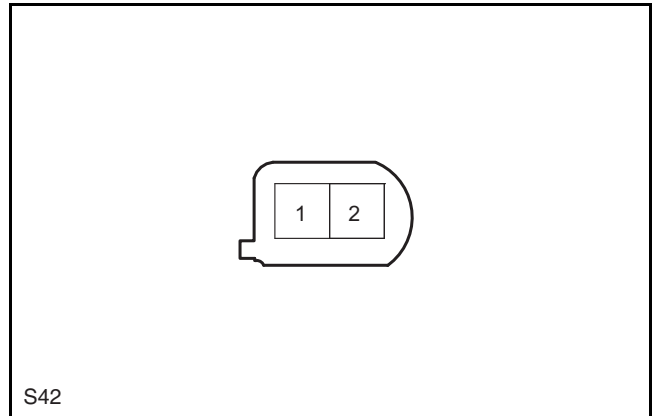
Electronic Parking Brake Controller



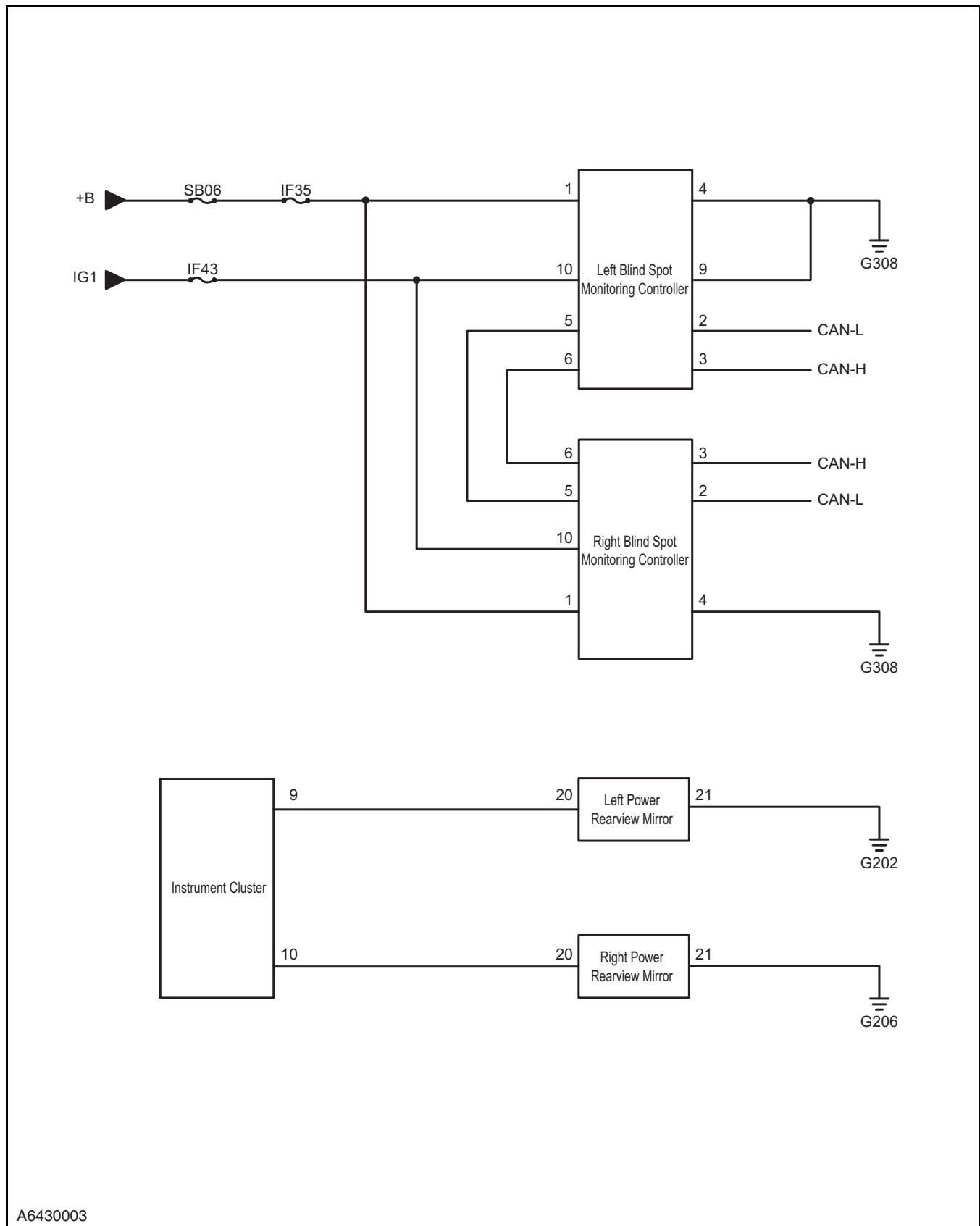
Left EPB Actuator Motor



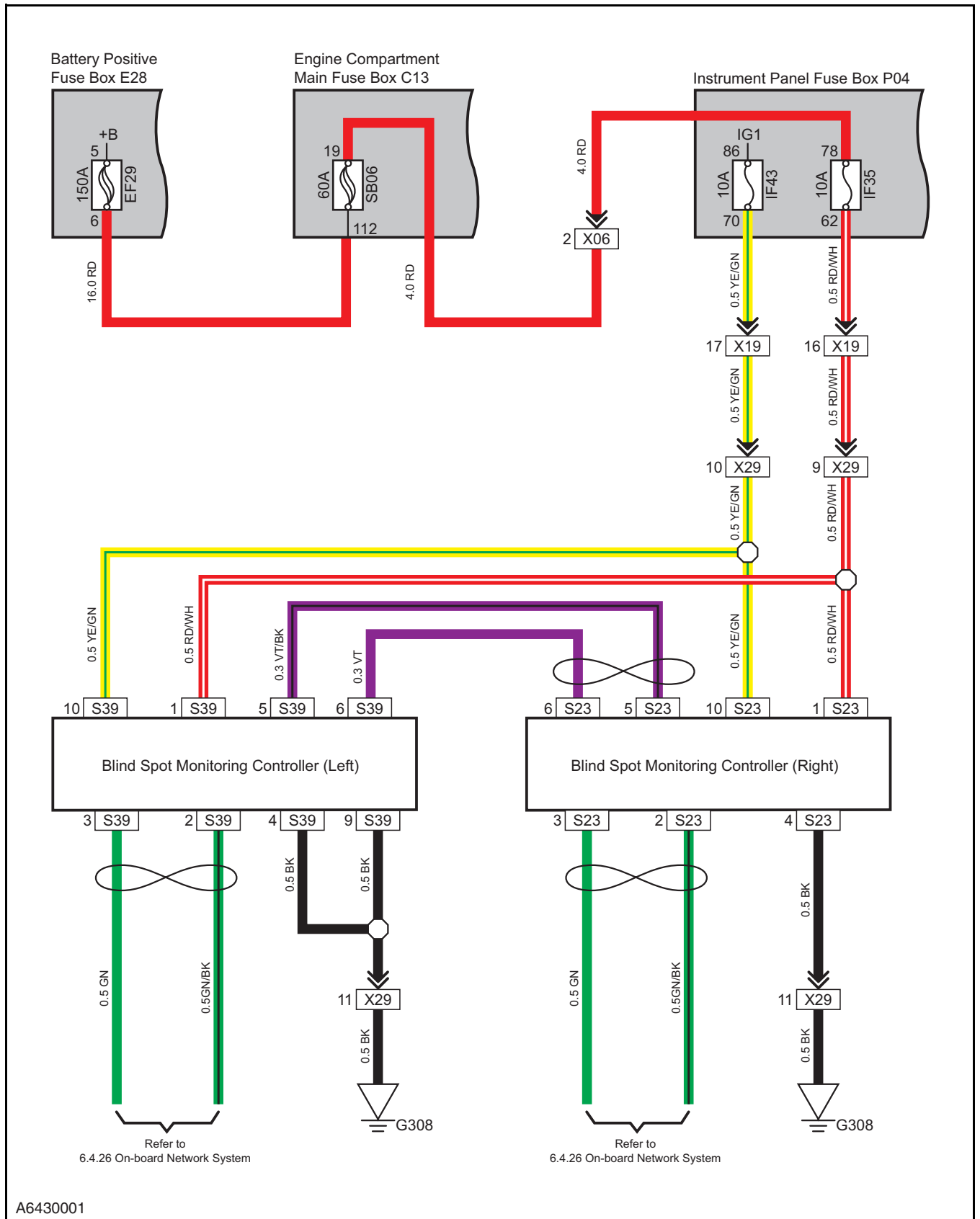
Right EPB Actuator Motor



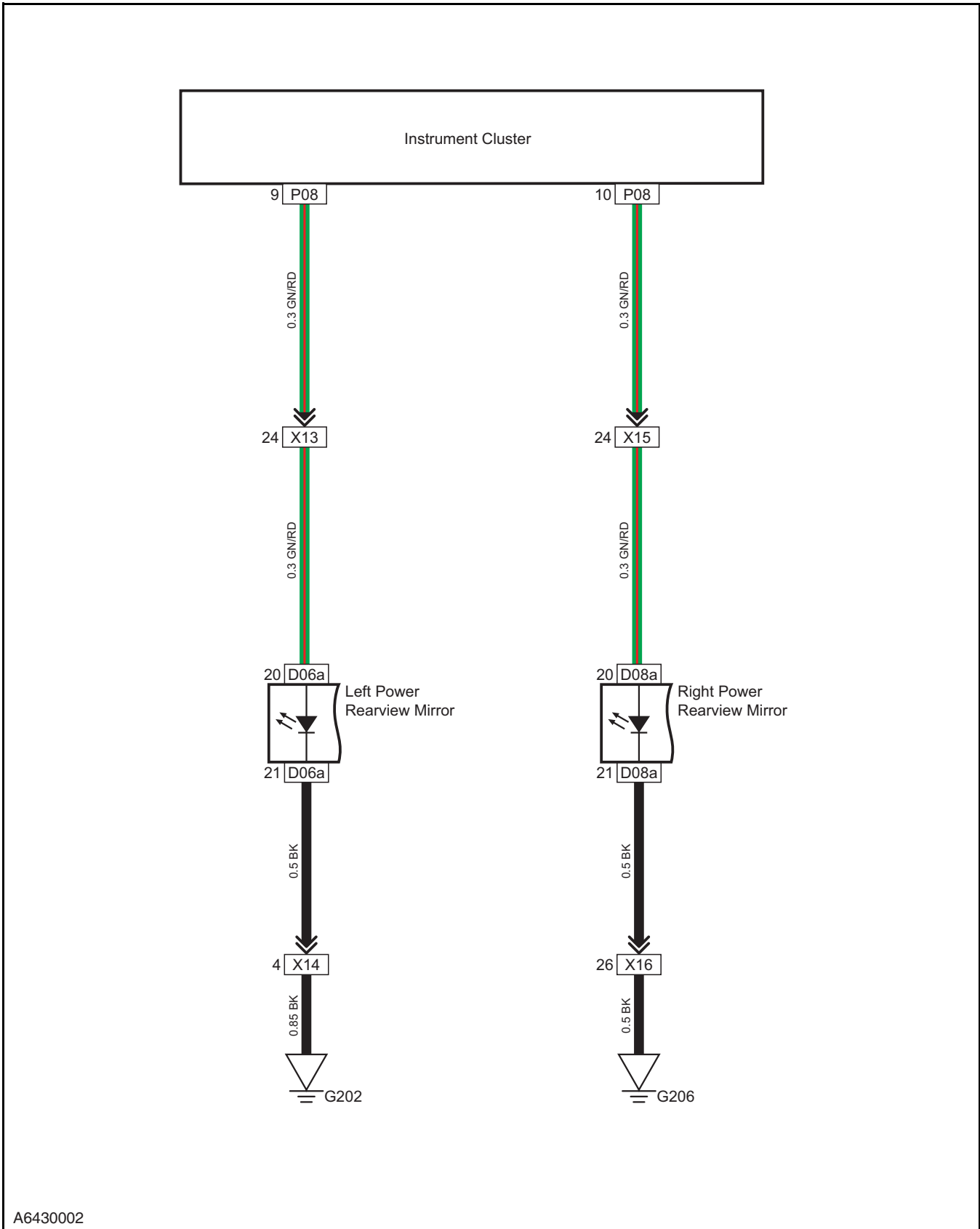
Blind Spot Monitoring System



Controller

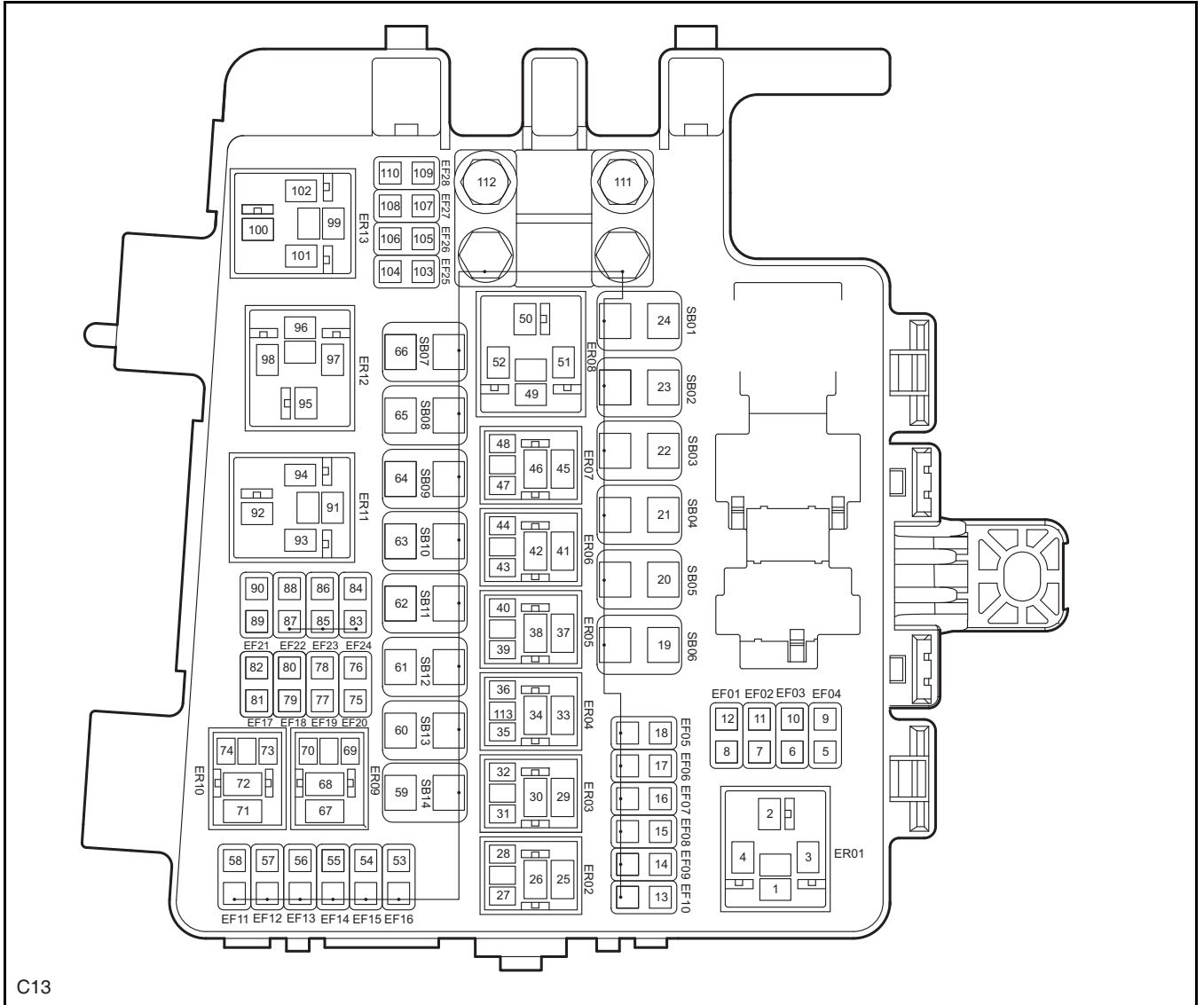


Indicator



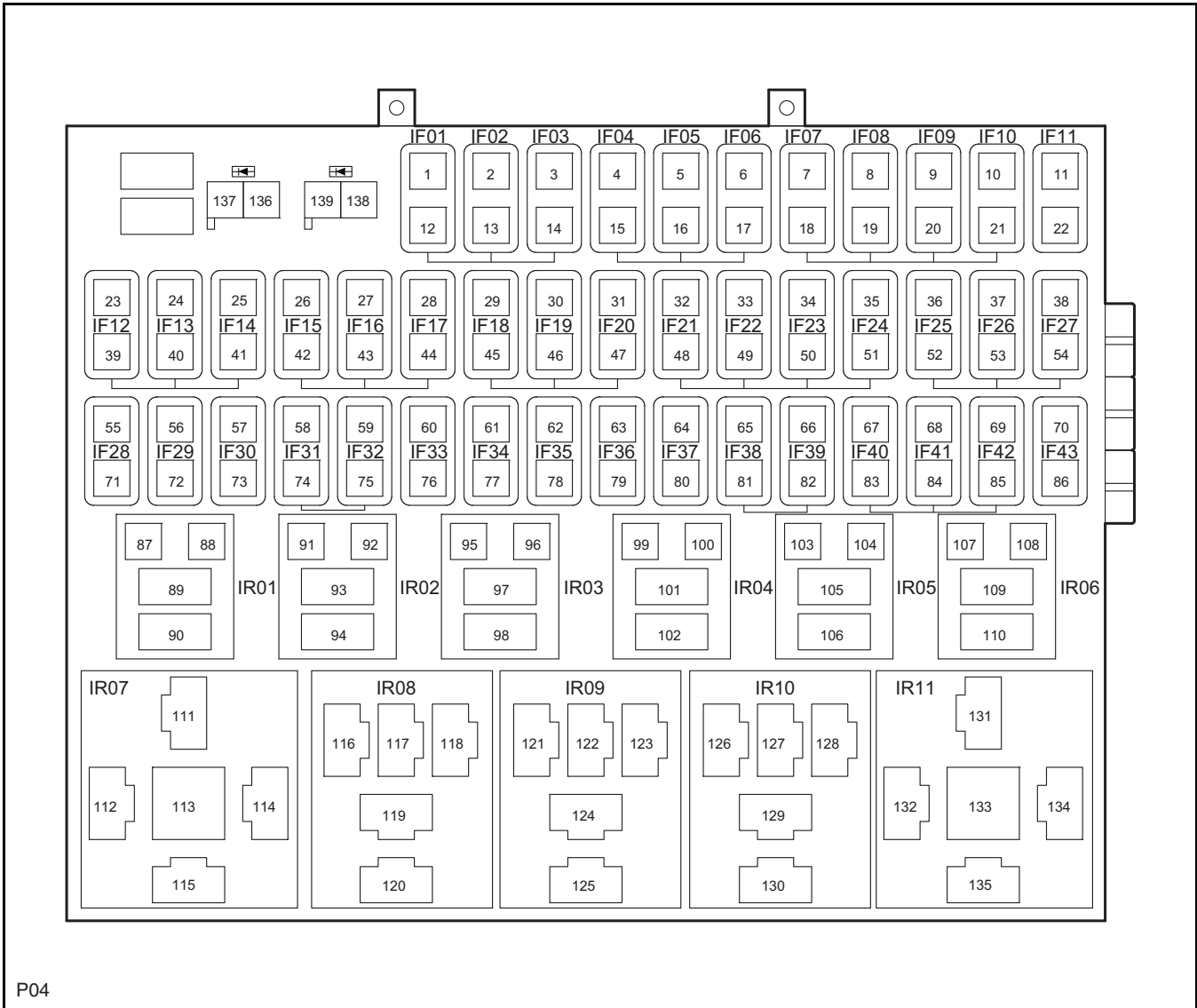
A6430002

Engine Compartment Main Fuse Box



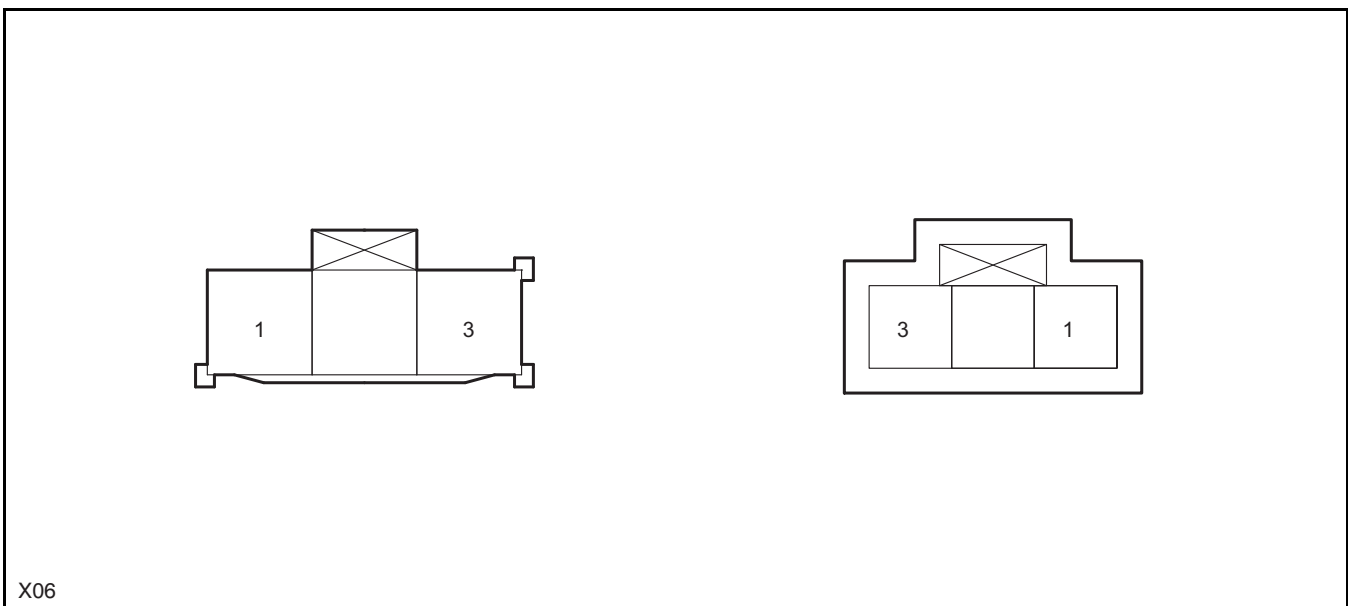
C13

Instrument Panel Fuse Box



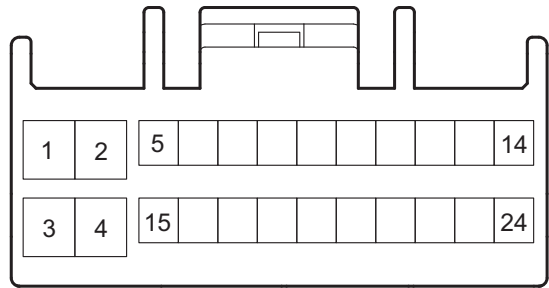
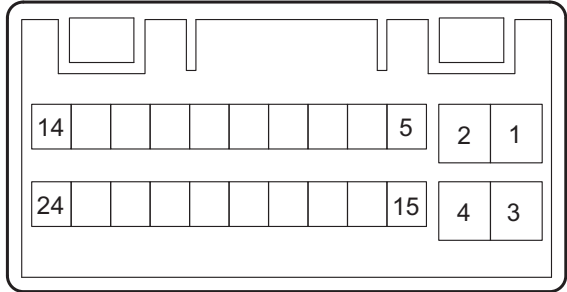
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

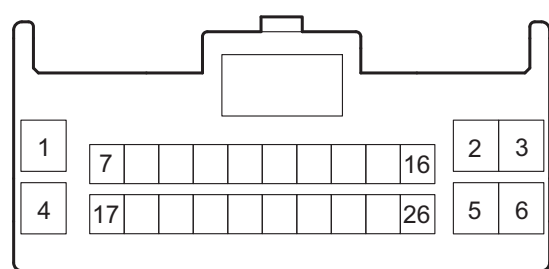
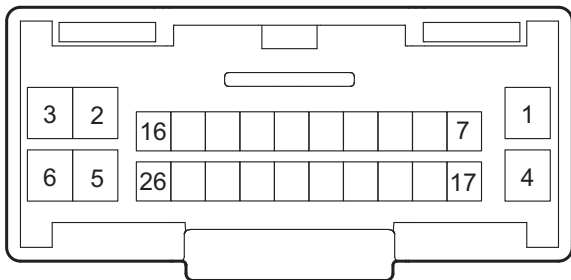
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



X13

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

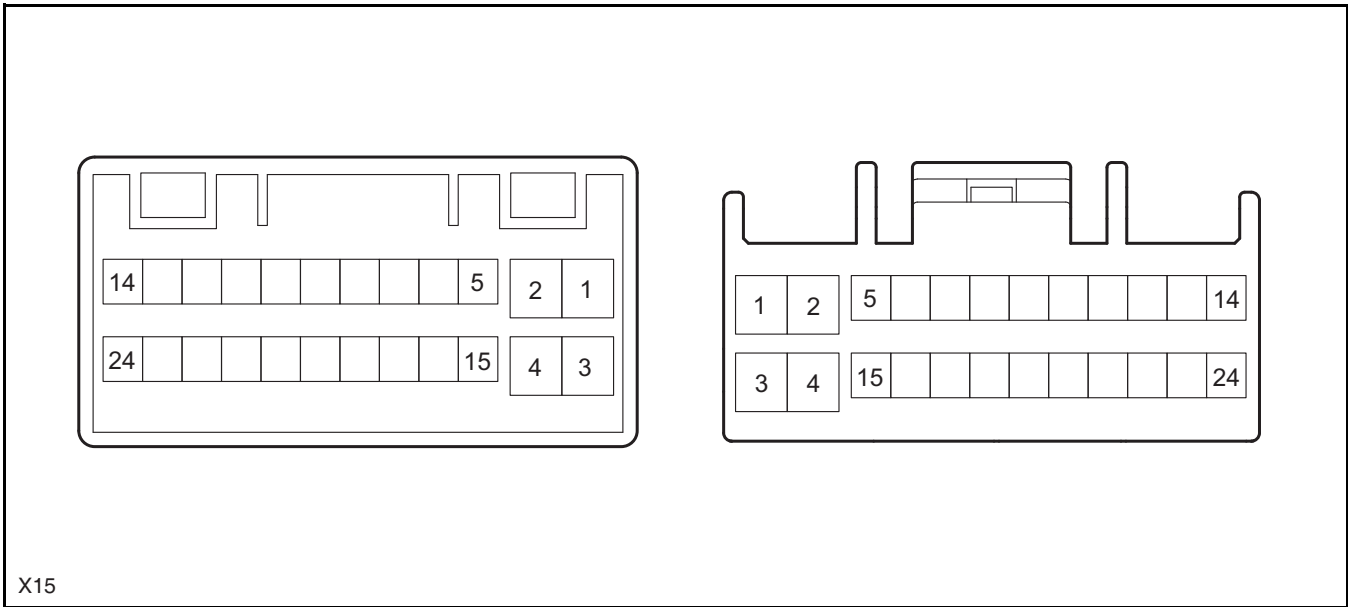
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

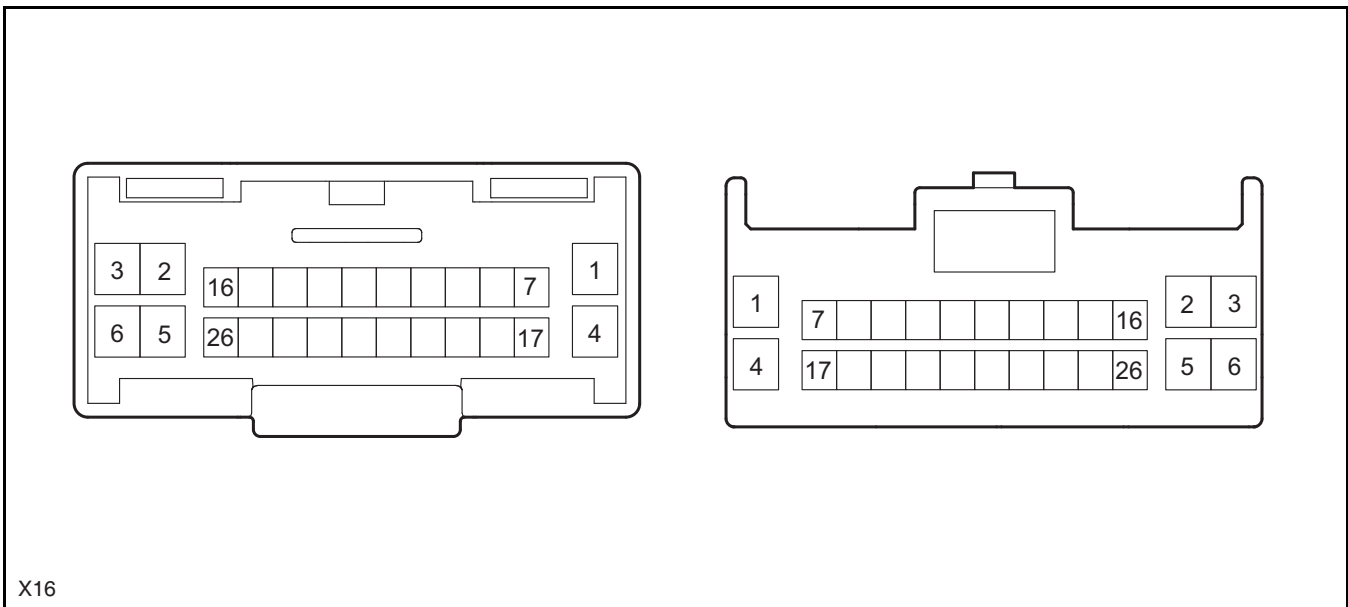
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



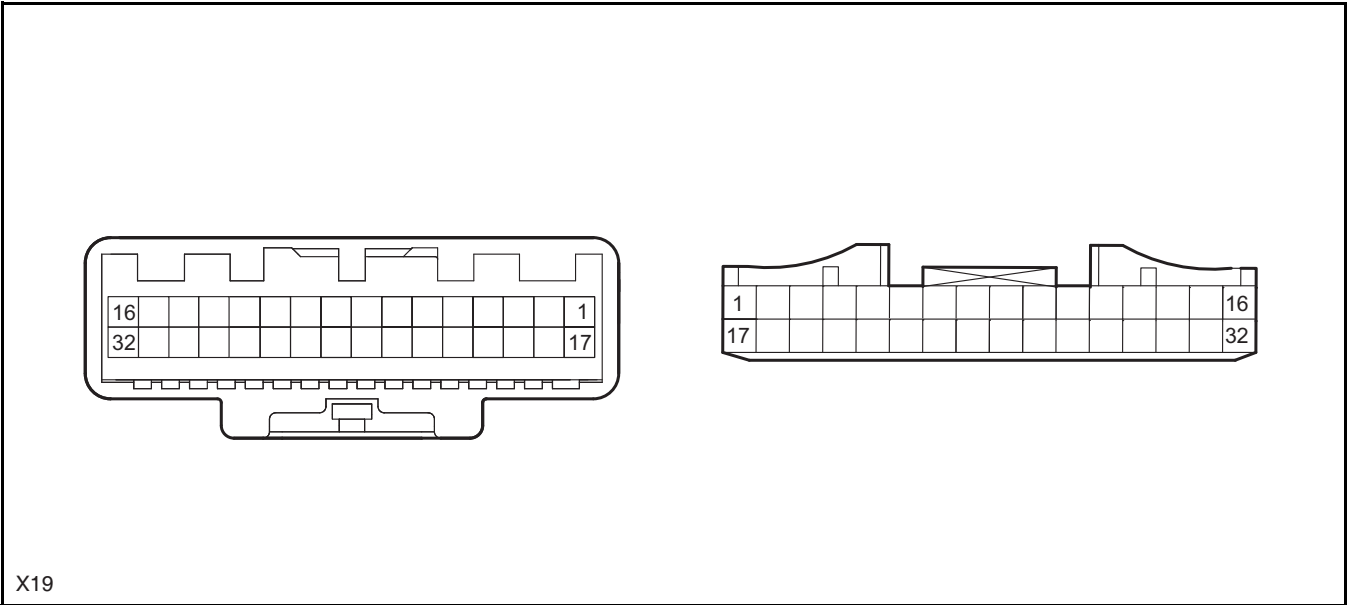
Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 1

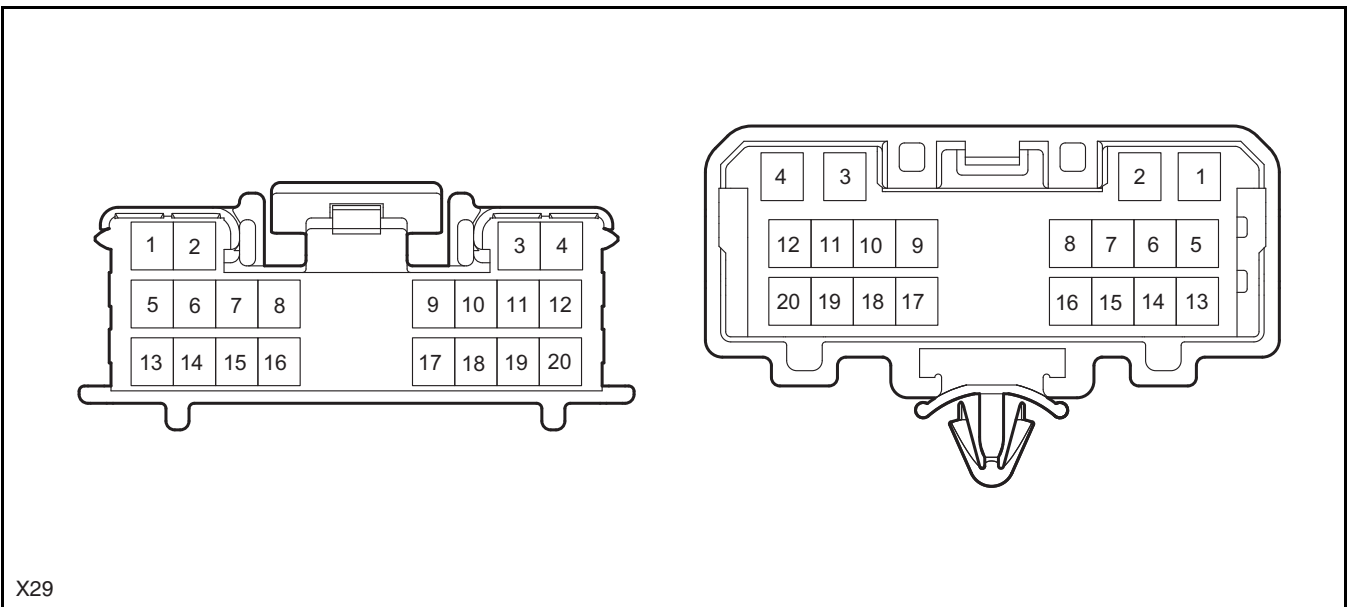
Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 1



X19

Rear Bumper Wiring Harness to Chassis Wiring Harness

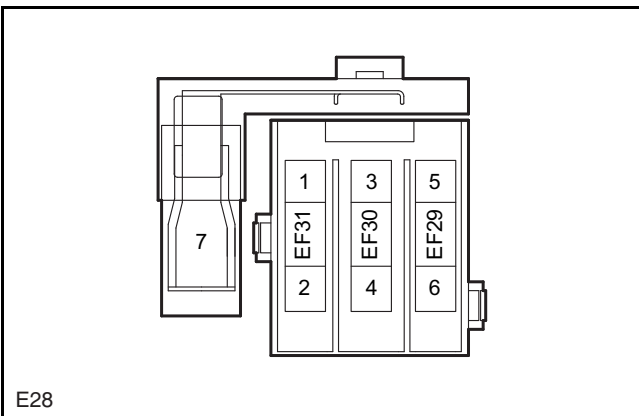
Chassis Wiring Harness to Rear Bumper Wiring Harness



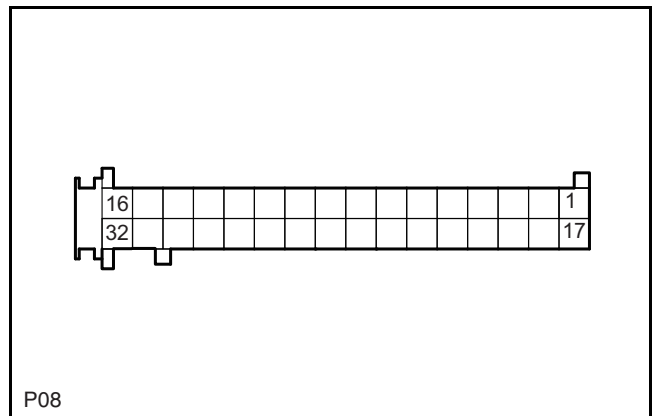
X29

Battery Positive Fuse Box

Instrument Cluster

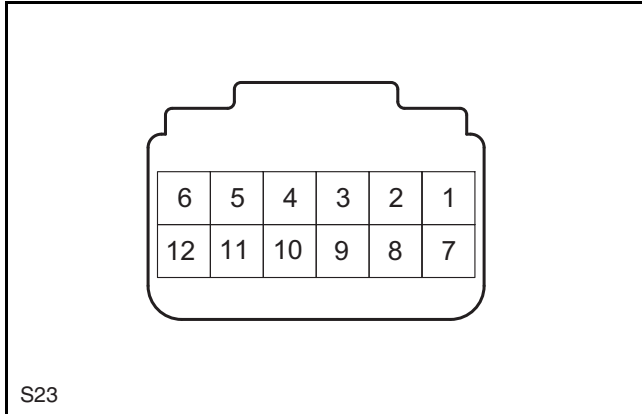


E28

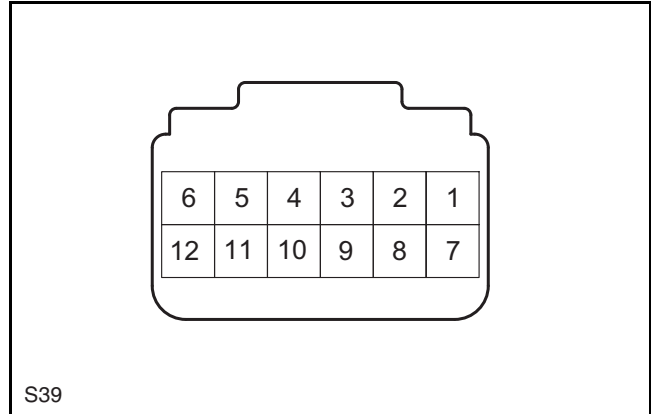


P08

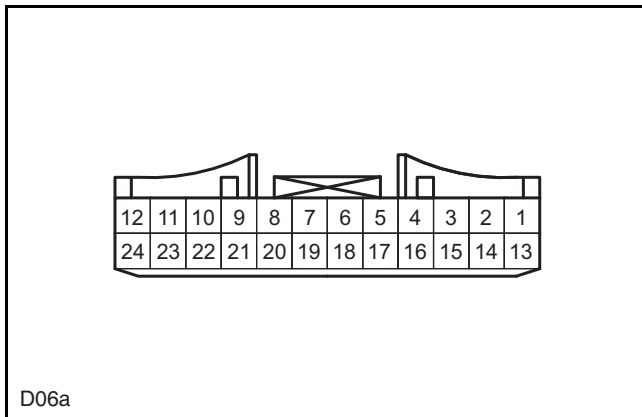
Right Blind Spot Monitoring Controller



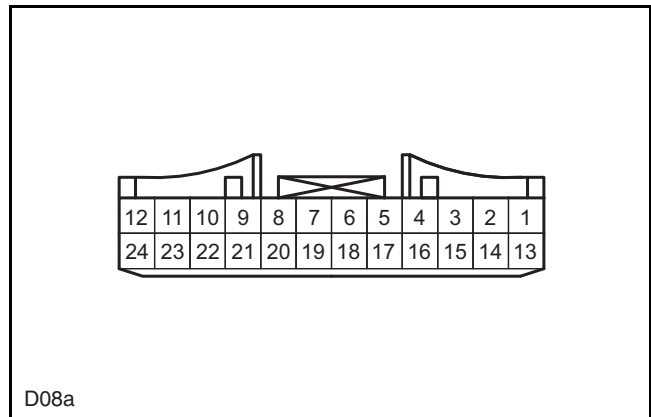
Left Blind Spot Monitoring Controller



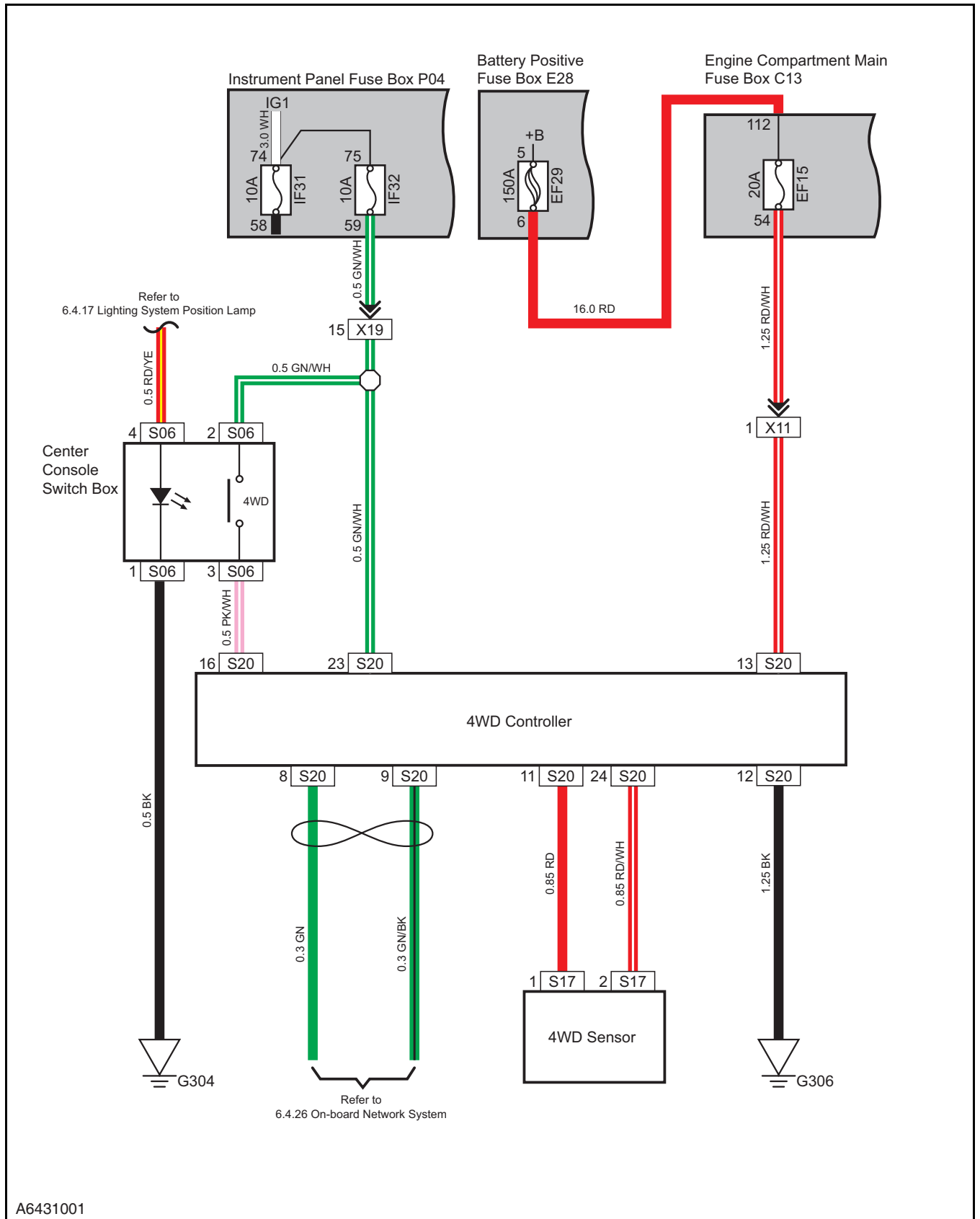
Left Power Rearview Mirror



Right Power Rearview Mirror

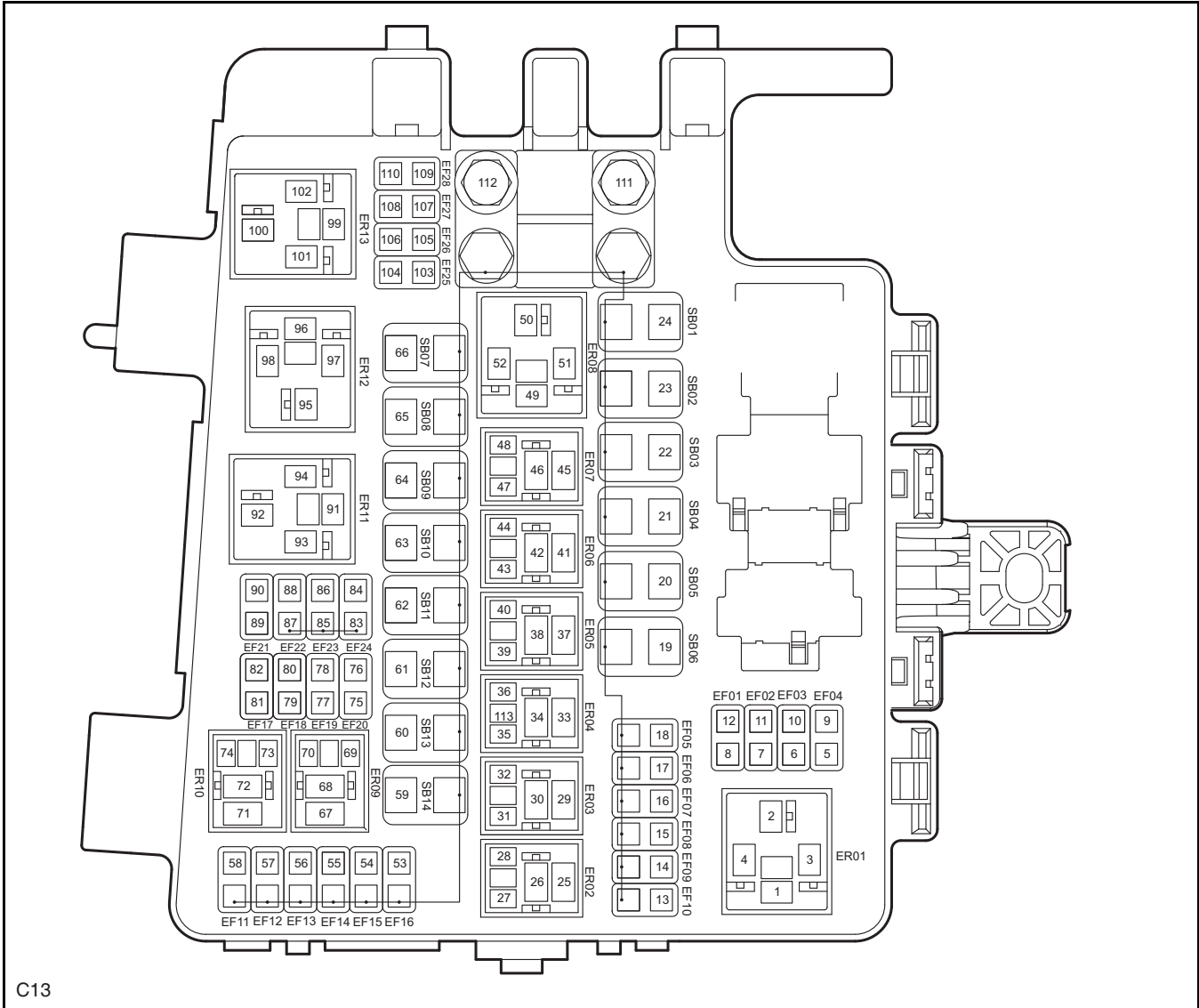


4WD System



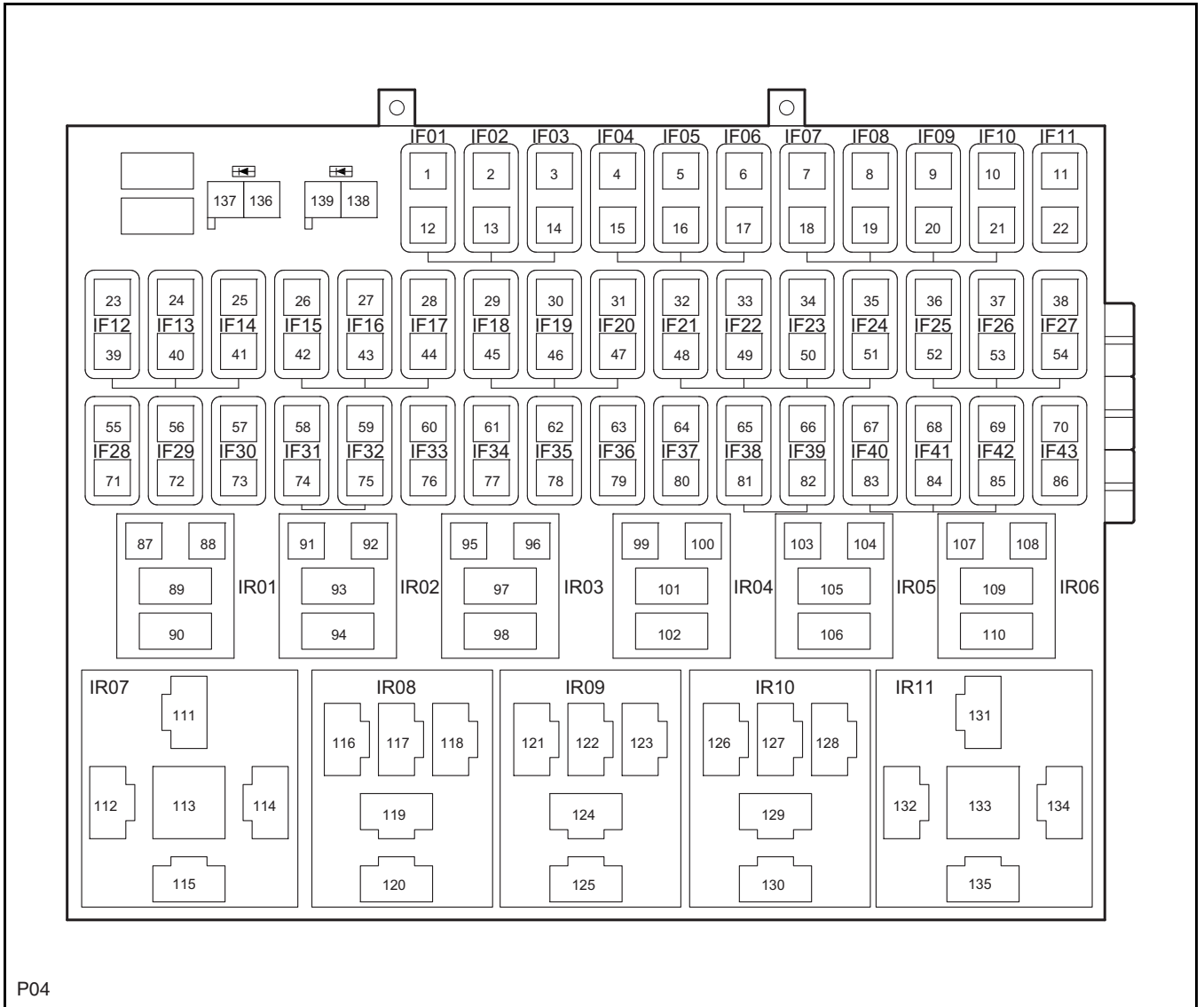
A6431001

Engine Compartment Main Fuse Box



C13

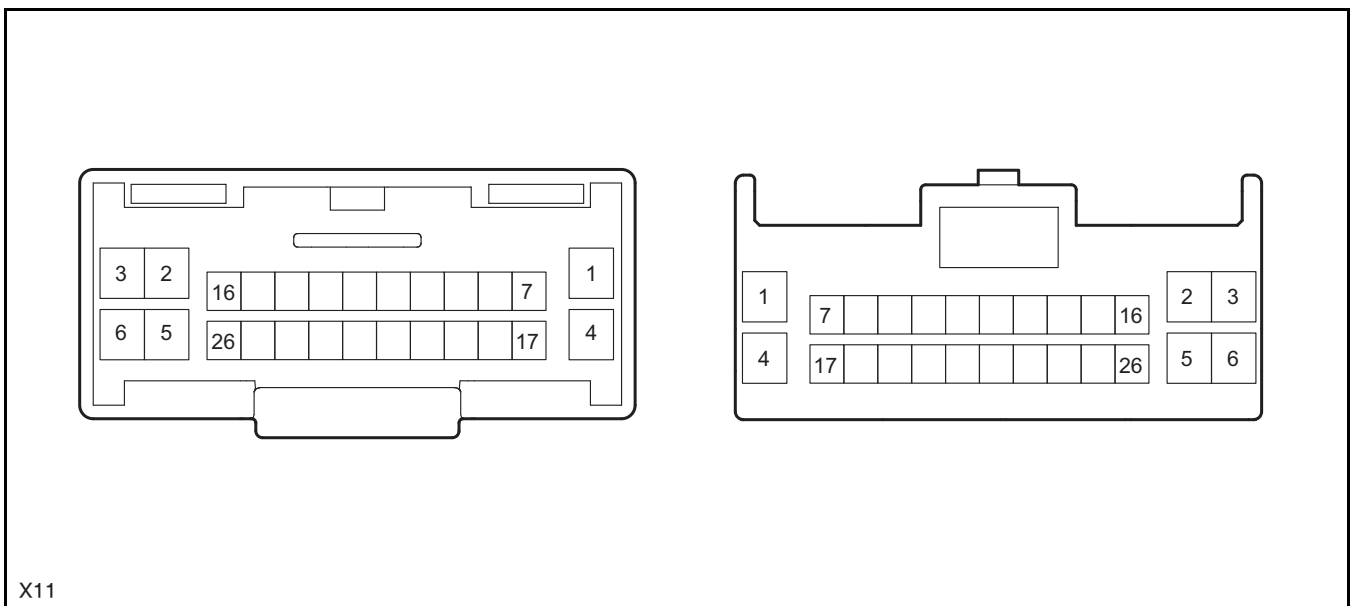
Instrument Panel Fuse Box



P04

Chassis Wiring Harness to Engine Compartment
Wiring Harness - Right

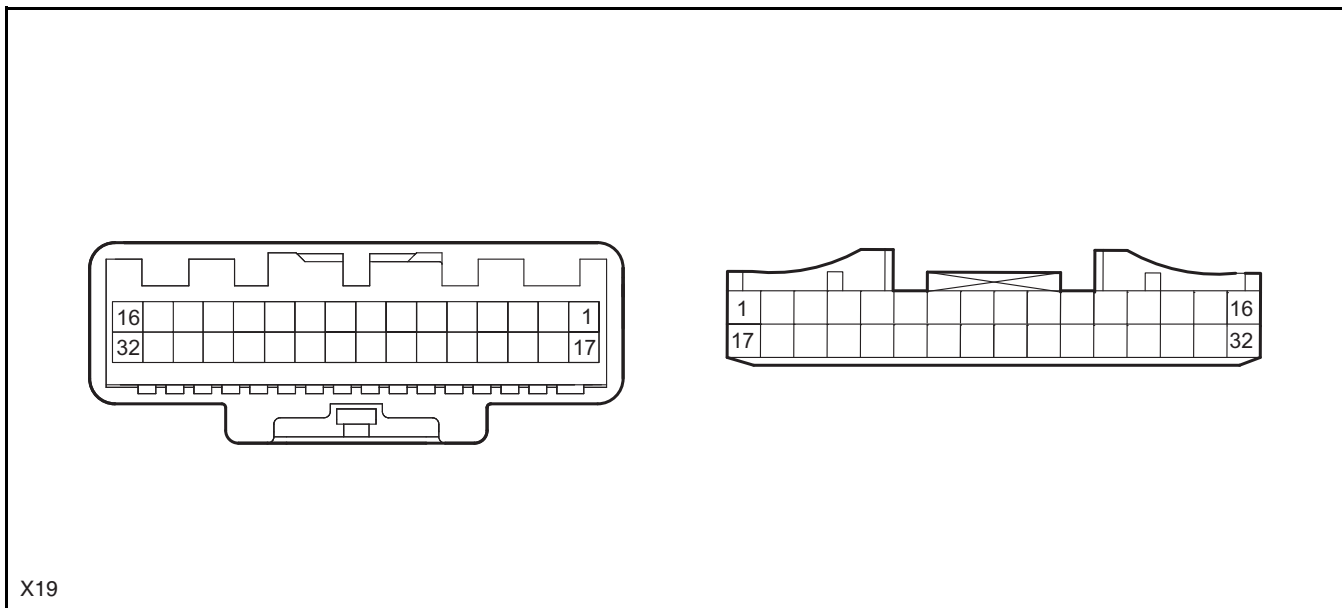
Engine Compartment Wiring Harness to Chassis
Wiring Harness - Right



X11

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

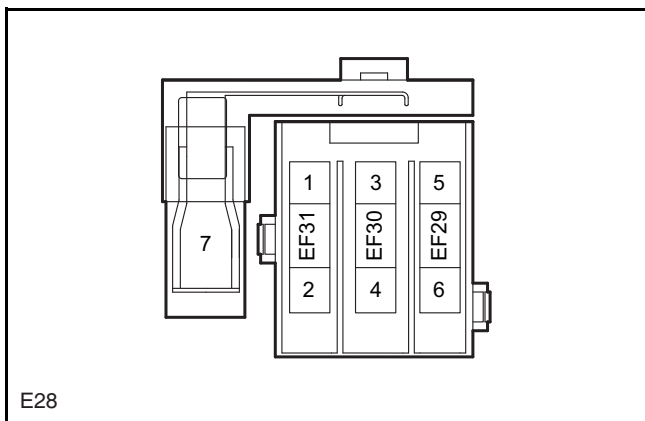
Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



X19

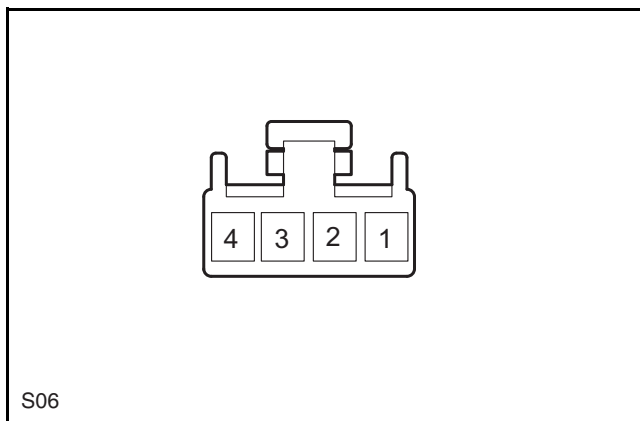
Battery Positive Fuse Box

Center Console Switch Box



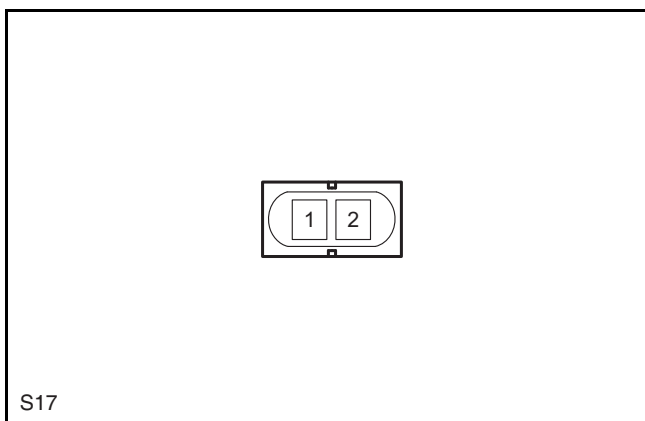
E28

4WD Sensor

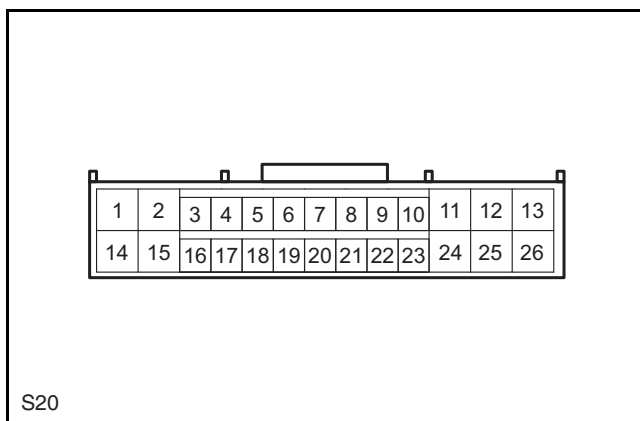


S06

4WD Controller

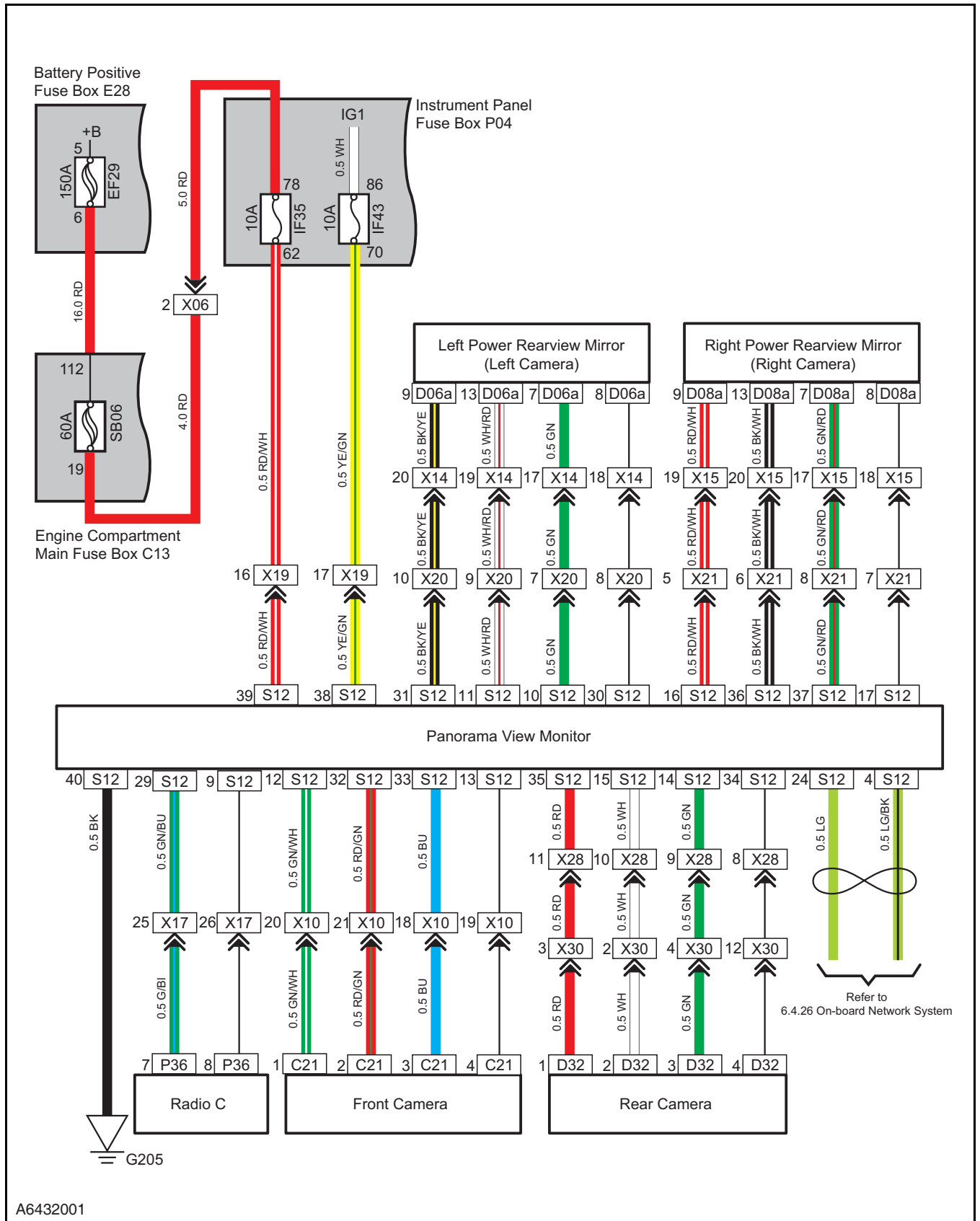


S17

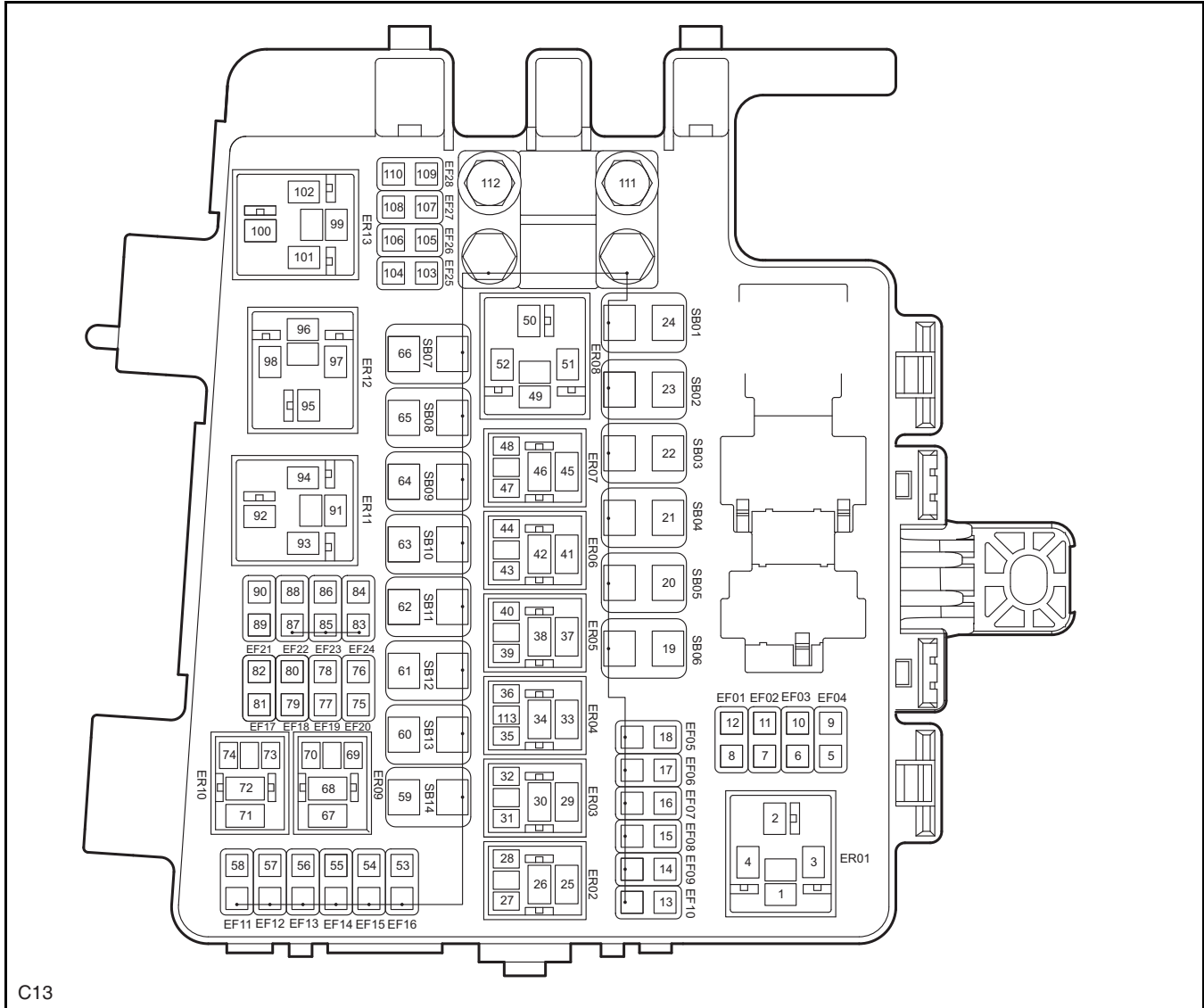


S20

360° Panoramic View Monitor System

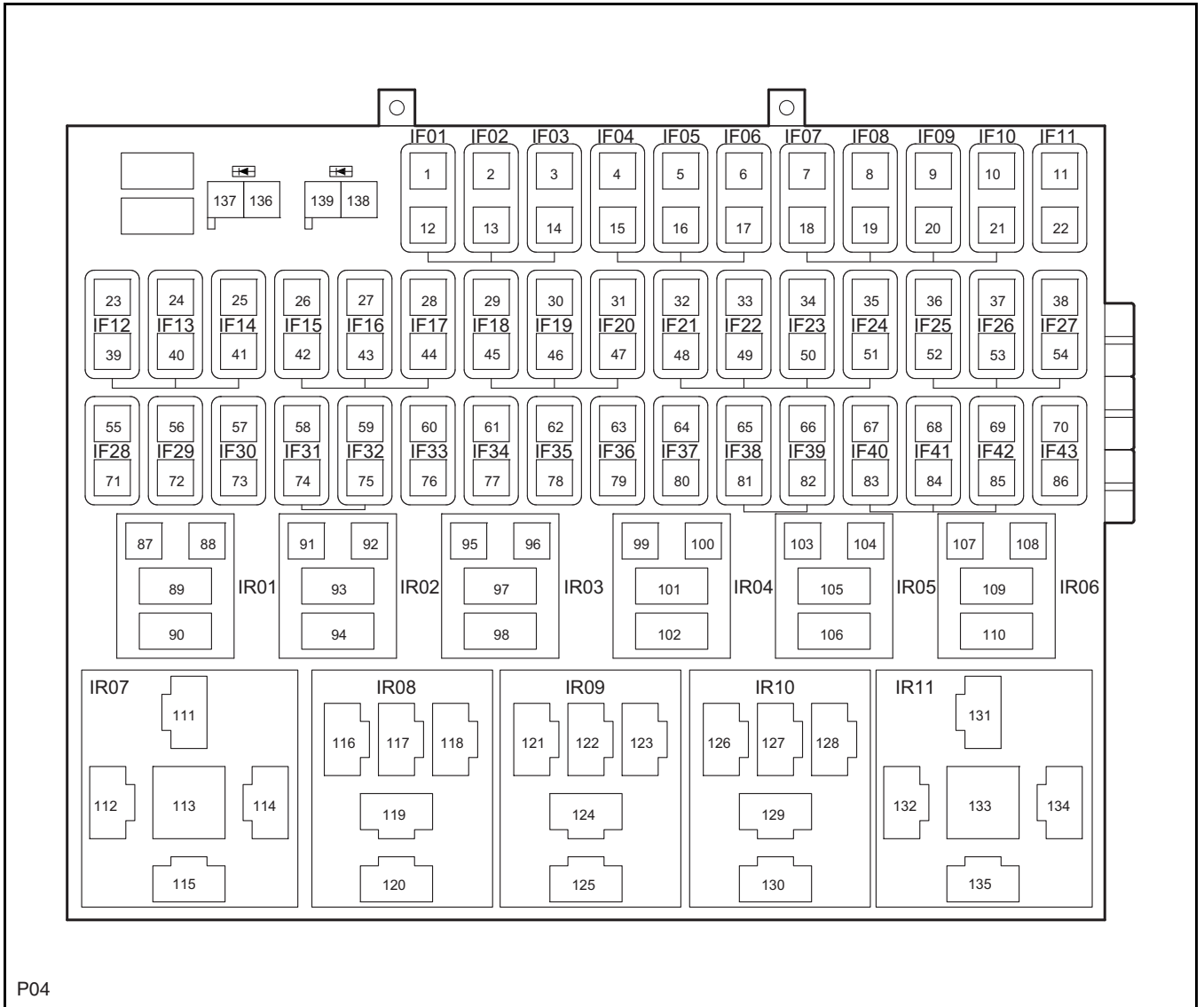


Engine Compartment Main Fuse Box



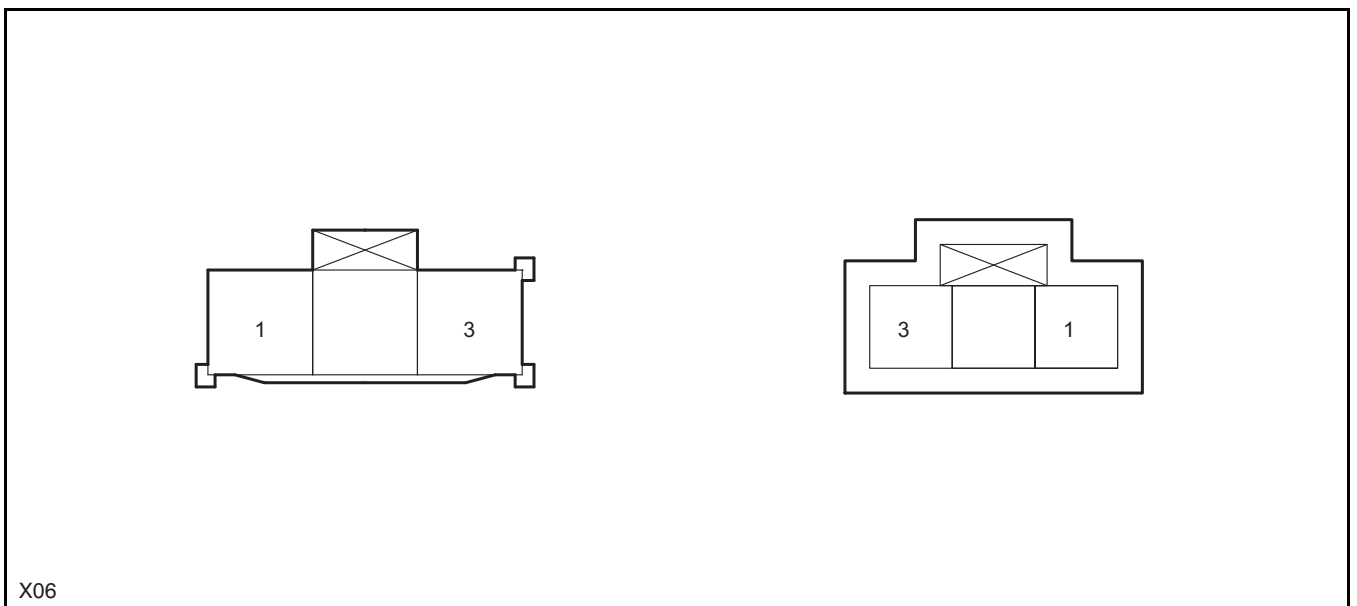
C13

Instrument Panel Fuse Box



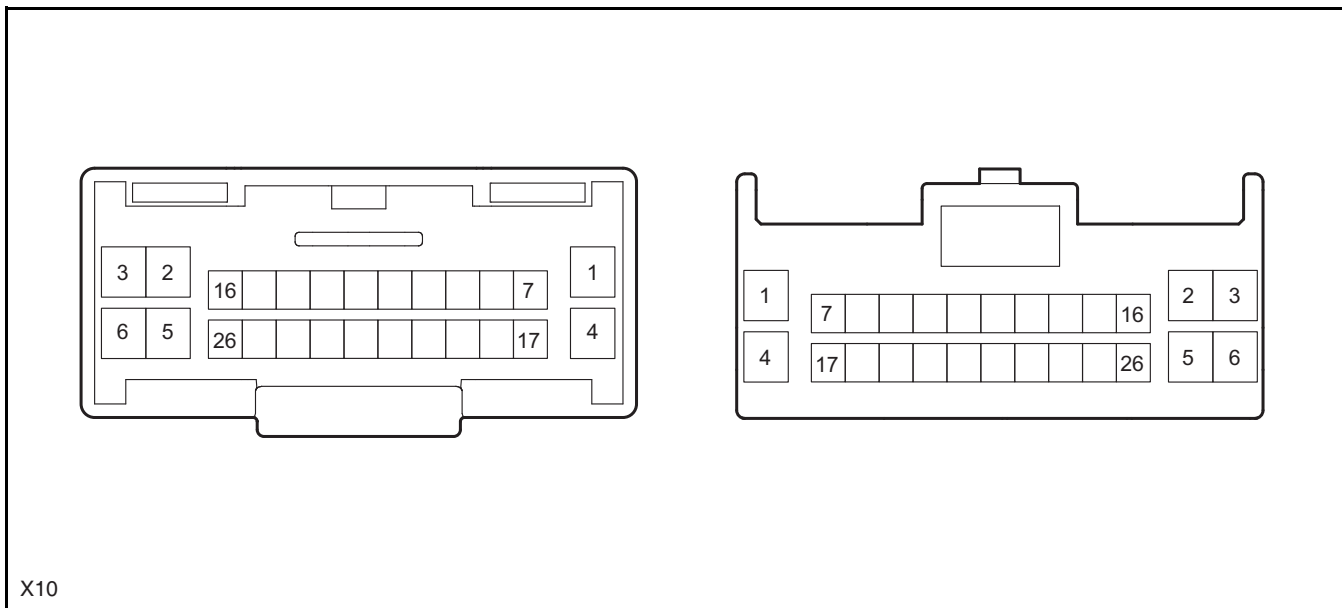
Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3



Chassis Wiring Harness to Engine Compartment
Wiring Harness - Left

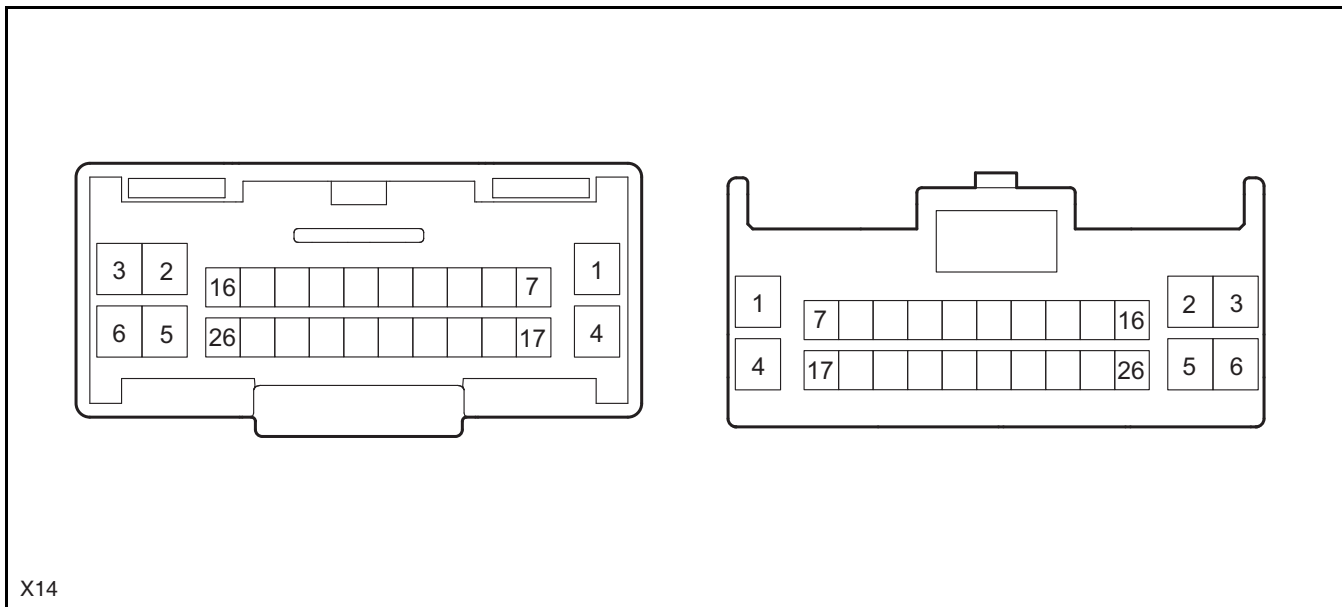
Engine Compartment Wiring Harness to Chassis
Wiring Harness - Left



X10

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

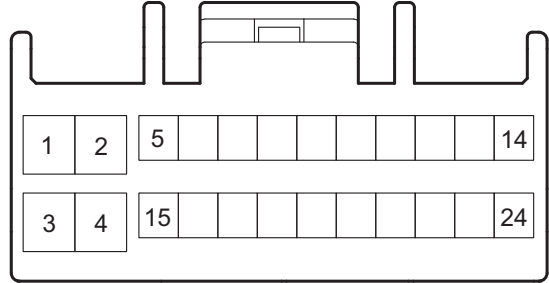
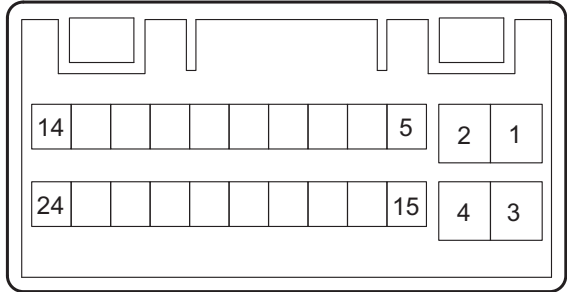
Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



X14

Instrument Panel Wiring Harness to Right Front Door Wiring Harness - 1

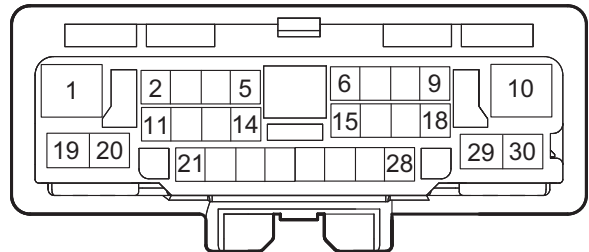
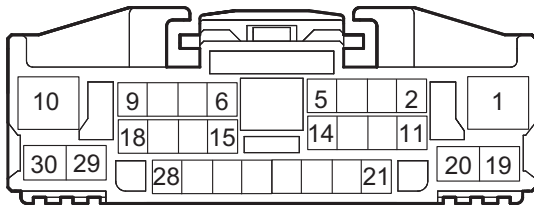
Right Front Door Wiring Harness to Instrument Panel Wiring Harness - 1



X15

Chassis Wiring Harness to Instrument Panel Wiring Harness - Center

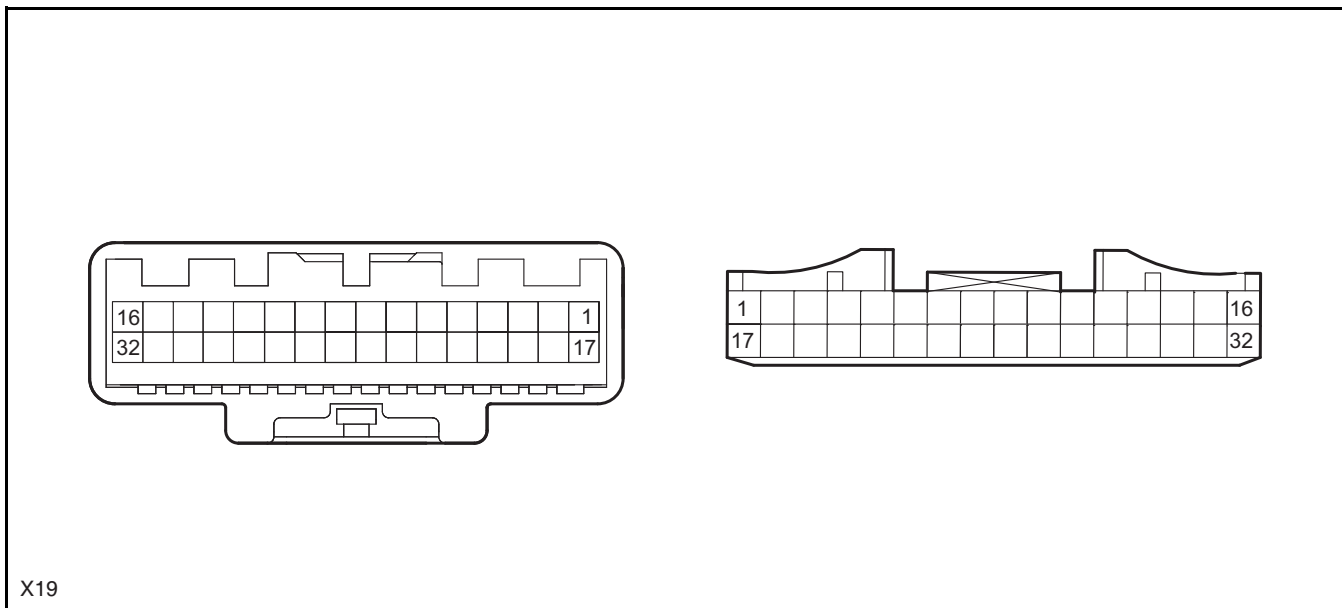
Instrument Panel Wiring Harness to Chassis Wiring Harness - Center



X17

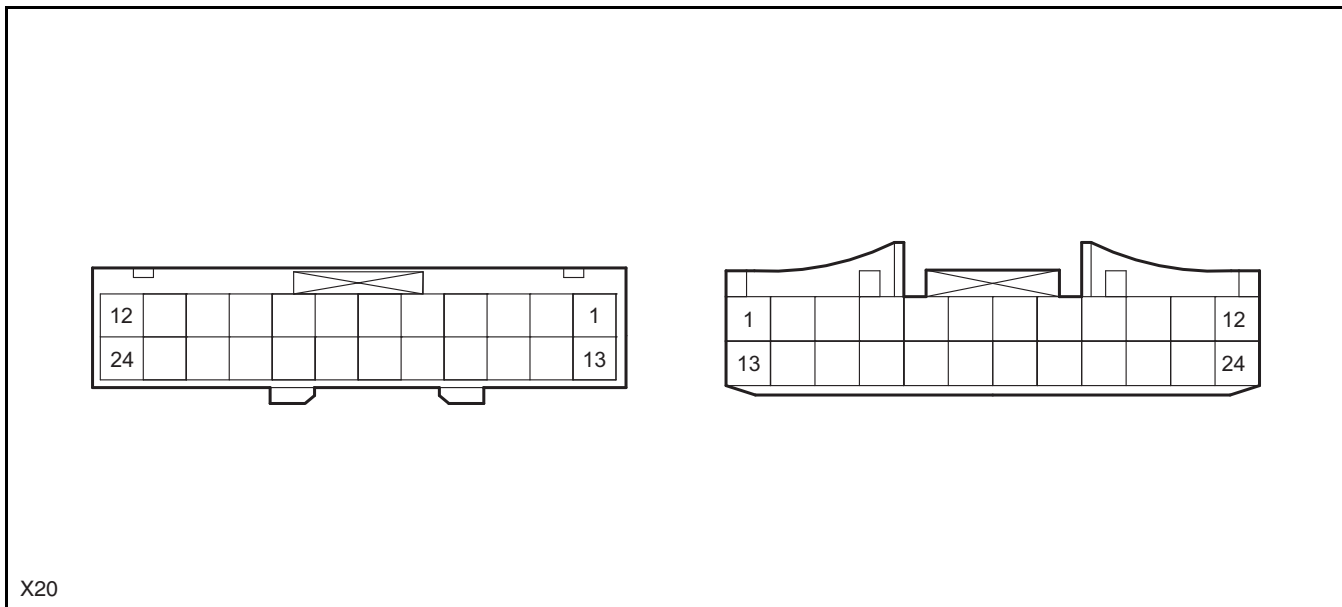
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



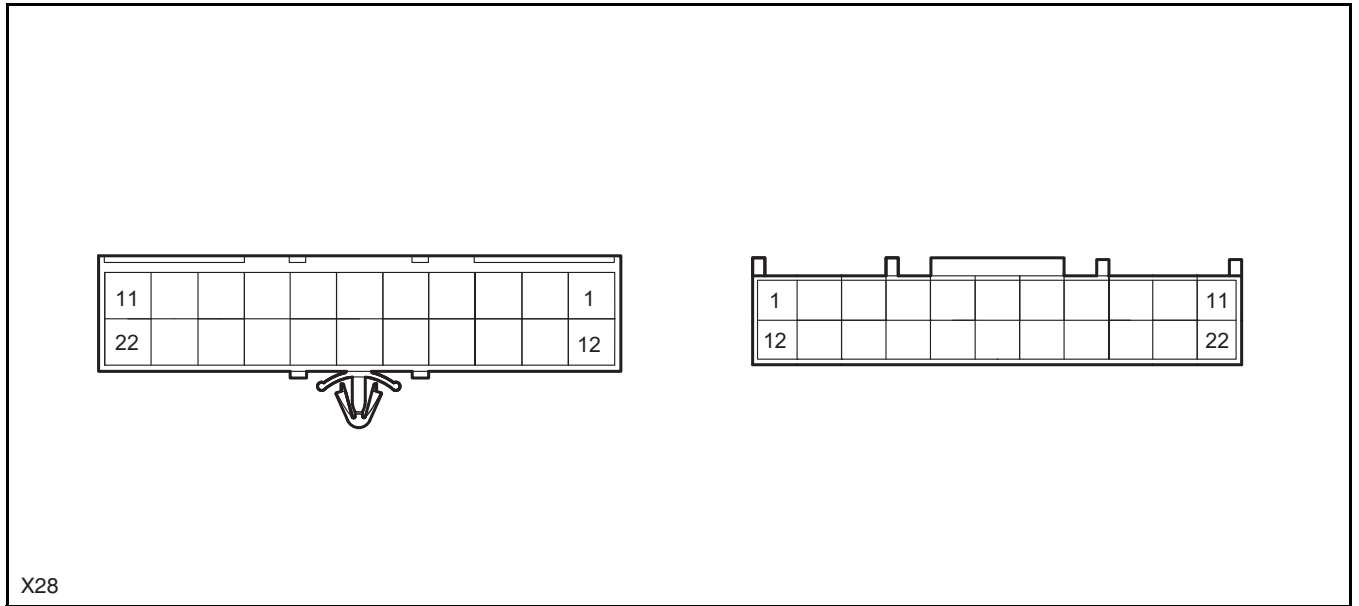
Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



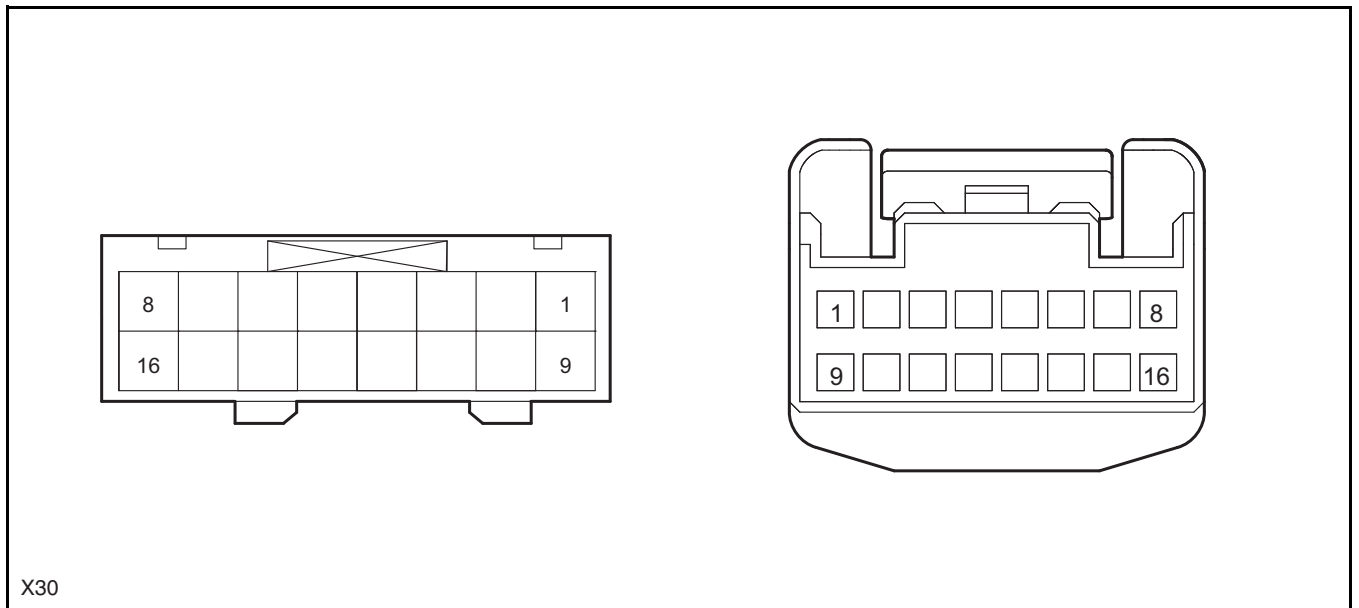
Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness



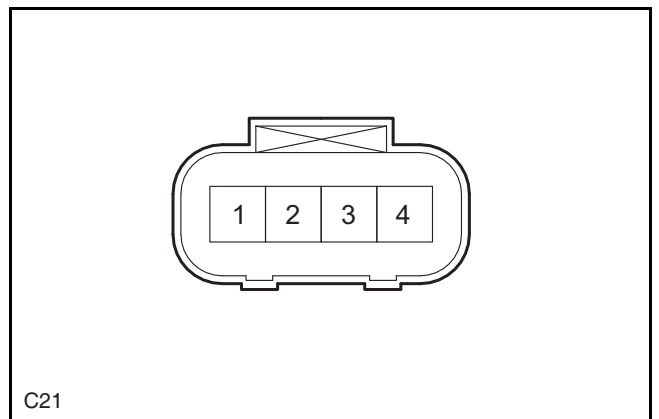
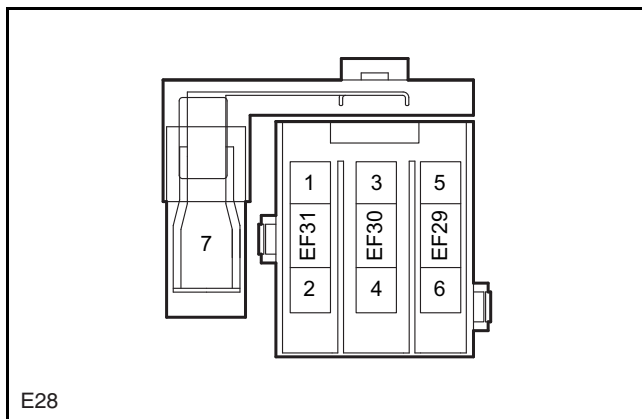
Back Door Wiring Harness to License Plate Lamp Wiring Harness

License Plate Lamp Wiring Harness to Back Door Wiring Harness

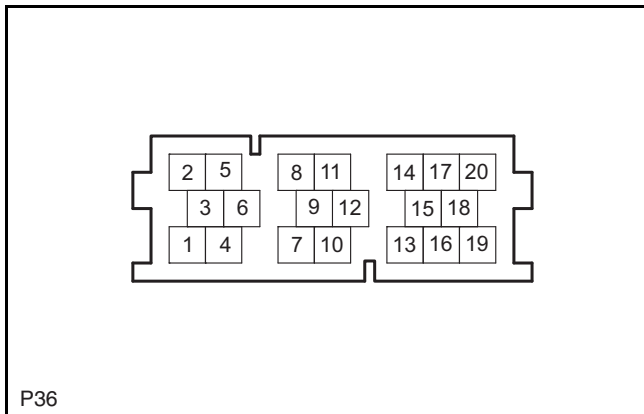


Battery Positive Fuse Box

Front Camera



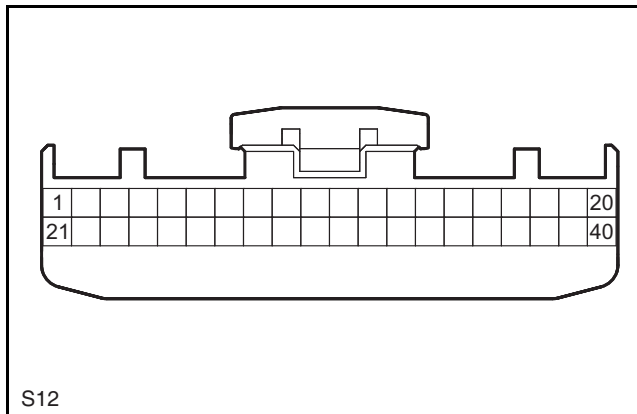
Radio C



P36

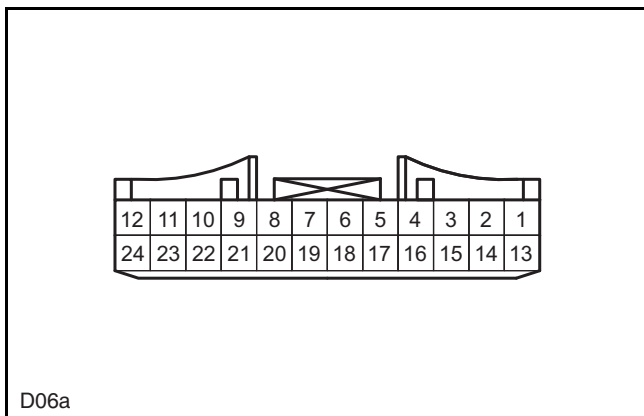
Left Power Rearview Mirror

Panorama View Monitor



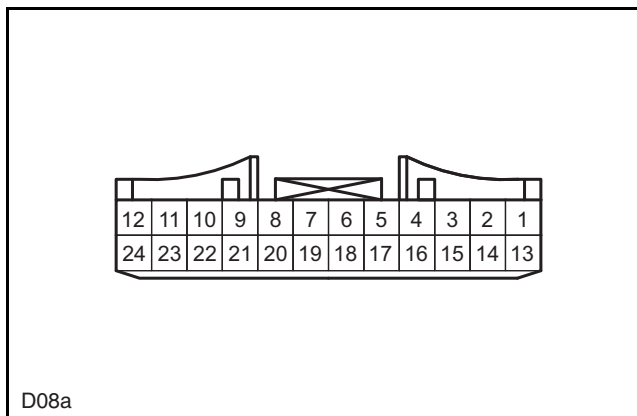
S12

Right Power Rearview Mirror

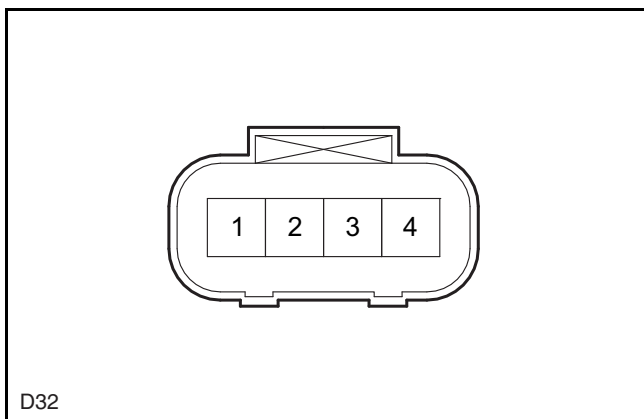


D06a

Rear View Camera

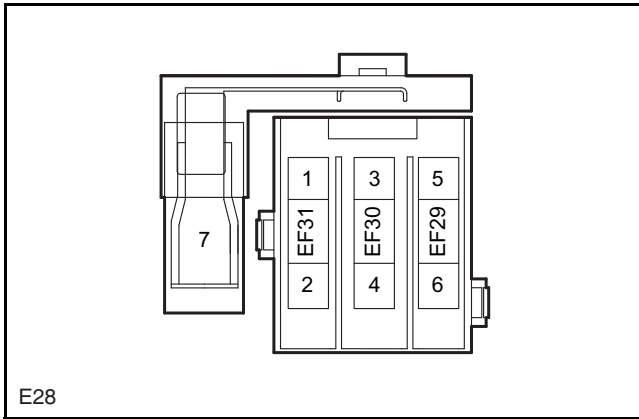


D08a



D32

Battery Fuse Box E28

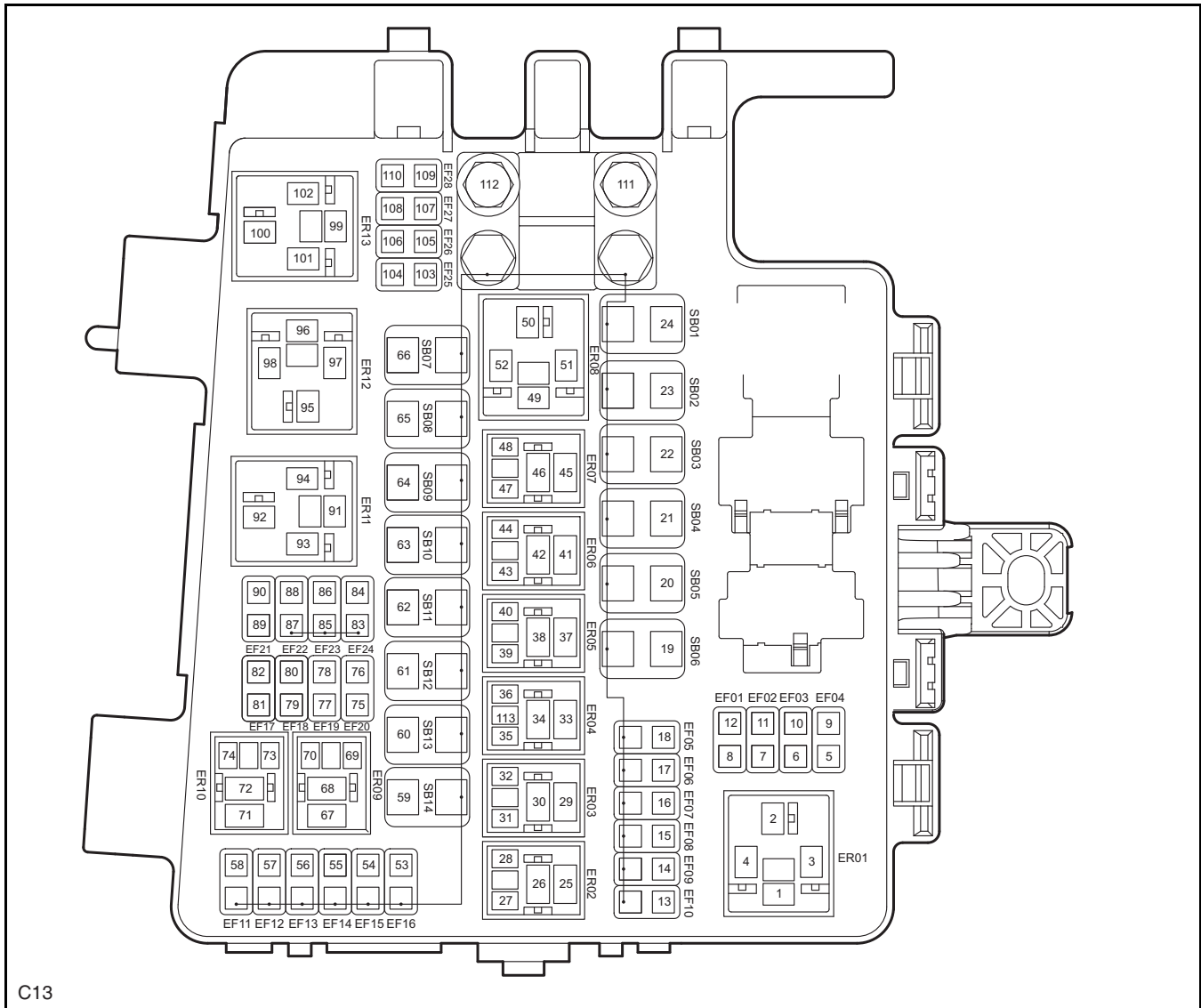


E28

Battery Fuse Box

Code	Application	Rated Current (A)
EF29	Engine Compartment Constant ON	150A
EF30	Steering Gear	100A
EF31	Alternator	150A

Engine Compartment Main Fuse Box C13



Engine Compartment Relay Information

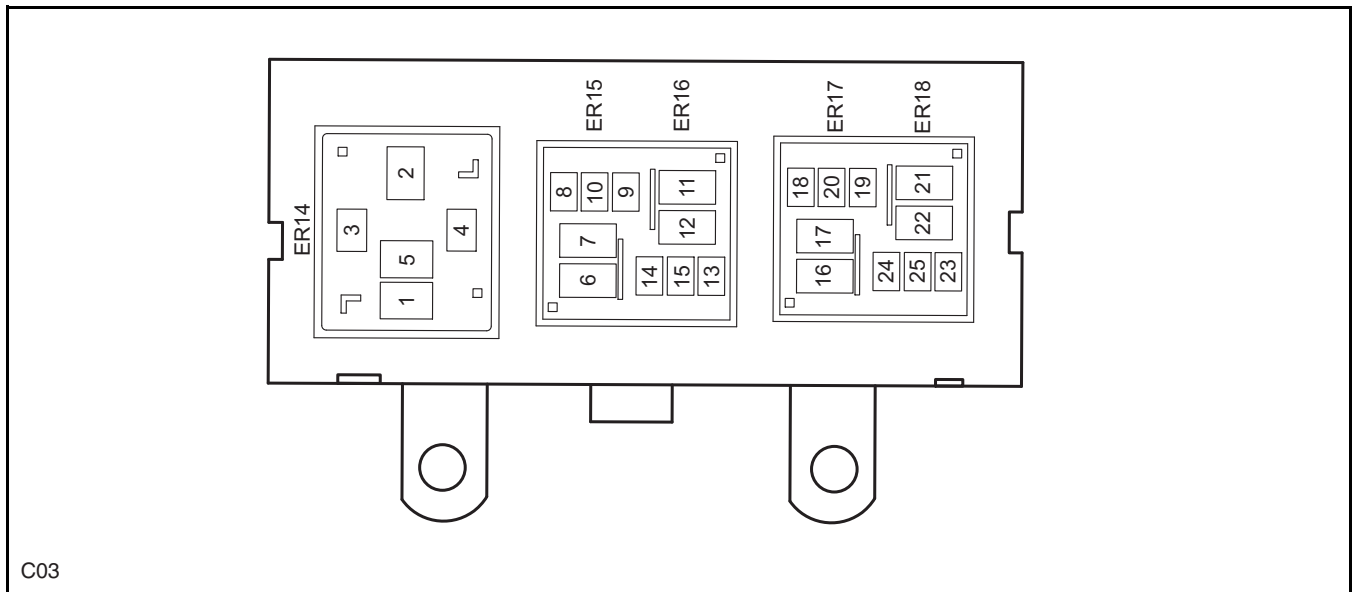
Code	Application
ER01	Main Relay
ER02	Fuel Pump Relay
ER03	Horn Relay
ER04	IG1 Relay
ER05	ACC Relay
ER06	IG2 Relay
ER07	Low Speed Fan Relay
ER08	Medium Speed Fan Relay
ER09	High Beam Lamp Relay
ER10	Low Beam Lamp Relay
ER11	High Speed Fan Relay
ER12	Start Relay
ER13	-

Engine Compartment Fuse Information

Code	Application	Rated Current (A)
EF01	Ignition Coil	15A
EF02	Fuel Injector, ECU	15A
EF03	Oxygen Sensor, Control Valve	15A
EF04	Battery Sensor	10A
EF05	-	-
EF06	ABS/ESP	30A
EF07	ABS/ESP	10A
EF08	TCU	15A
EF09	Fuel Pump	20A
EF10	Main Relay	30A
EF11	ECU	10A
EF12	Low Beam Lamp	20A
EF13	High Beam Lamp	20A
EF14	Electric Horn	15A
EF15	4WD Controller	20A
EF16	Compressor Motor	10A
EF17	Left Front Low Beam Lamp	15A
EF18	Right Front Low Beam Lamp	15A
EF19	-	-
EF20	-	-
EF21	Window Switch	10A

Code	Application	Rated Current (A)
EF22	Blower Signal	10A
EF23	Rear Wiper	15A
EF24	BCM	20A
EF25	Reserve	-
EF26	Reserve	-
EF27	Reserve	-
EF28	Reserve	-
SB01	High Speed Fan	40A
SB02	ABS/ESP	40A
SB03	EPB	30A
SB04	EPB	30A
SB05	Power Seat	30A
SB06	Instrument Cluster Constant ON	60A
SB07	Blower	40A
SB08	Starting Motor	40A
SB09	Low Speed Fan	30A
SB10	-	-
SB11	Window Motor (FL/RR)	30A
SB12	Window Motor (FR/RL)	30A
SB13	-	-
SB14	ACC, IG1	40A

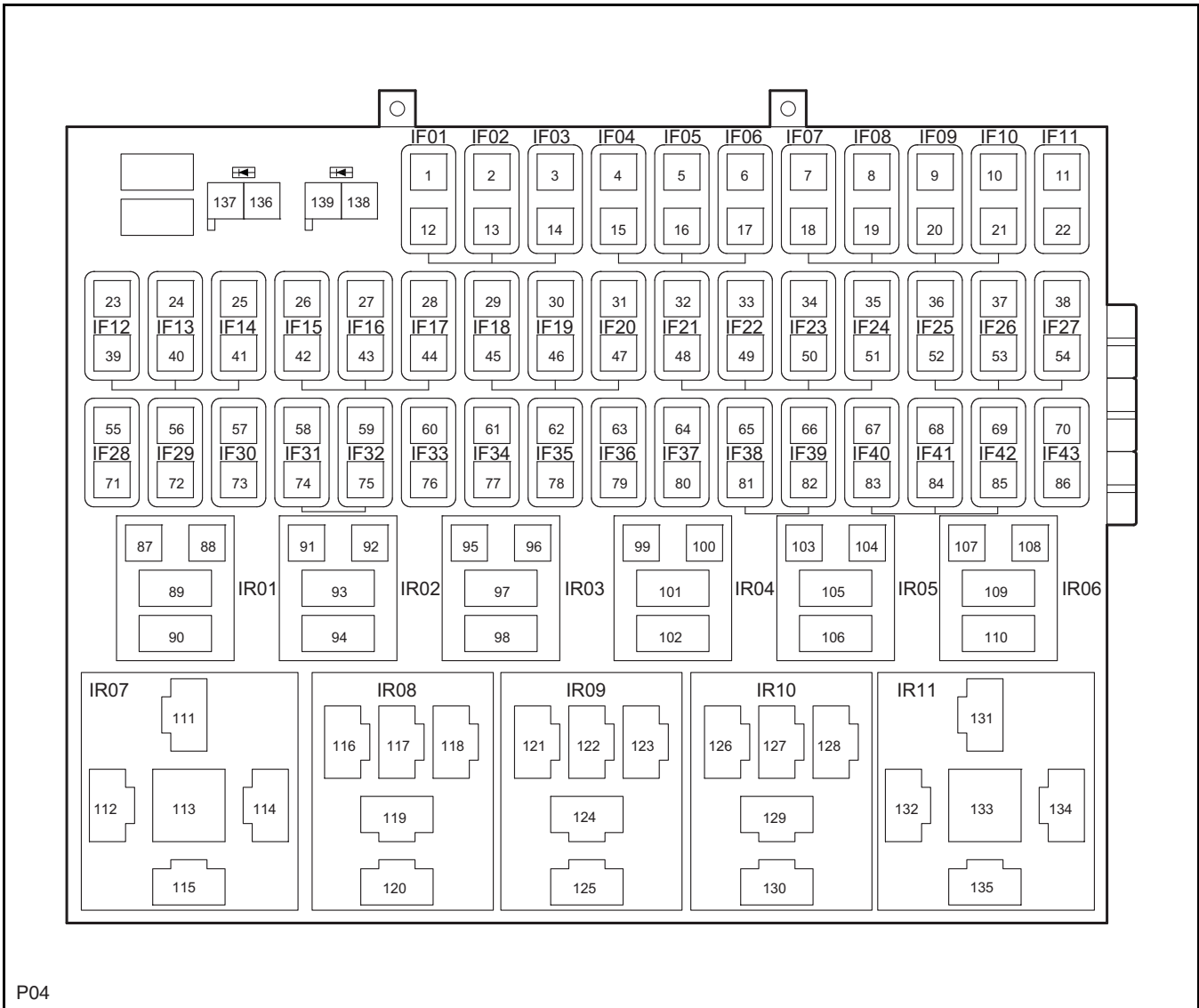
Engine Compartment Sub Fuse Box C03



Relay Information

Code	Application
ER14	Blower Relay
ER15	Compressor Relay
ER16	Shift Relay
ER17	Rear Wiper Relay
ER18	-

Instrument Panel Fuse Box P04



Relay Information

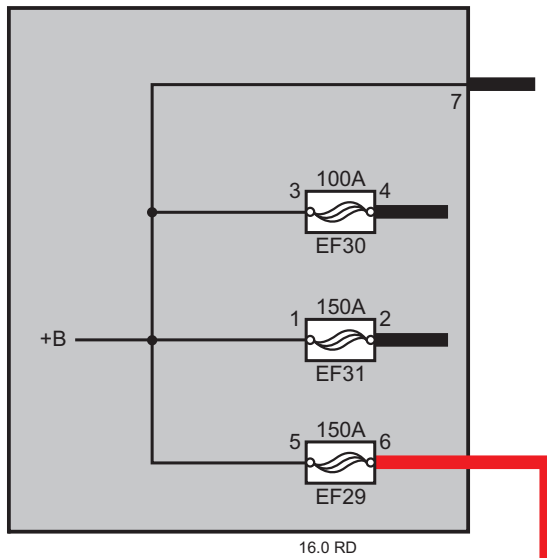
Code	Application
IR01	Rear Defrost Relay
IR02	Window Switch Relay
IR03	Front Fog Lamp Relay
IR04	Small Lamp Relay
IR05	Back-up Lamp Relay
IR06	-
IR07	-
IR08	Rearview Mirror Folding Relay 1
IR09	Rearview Mirror Folding Relay 2
IR10	-
IR11	-

Fuse Information

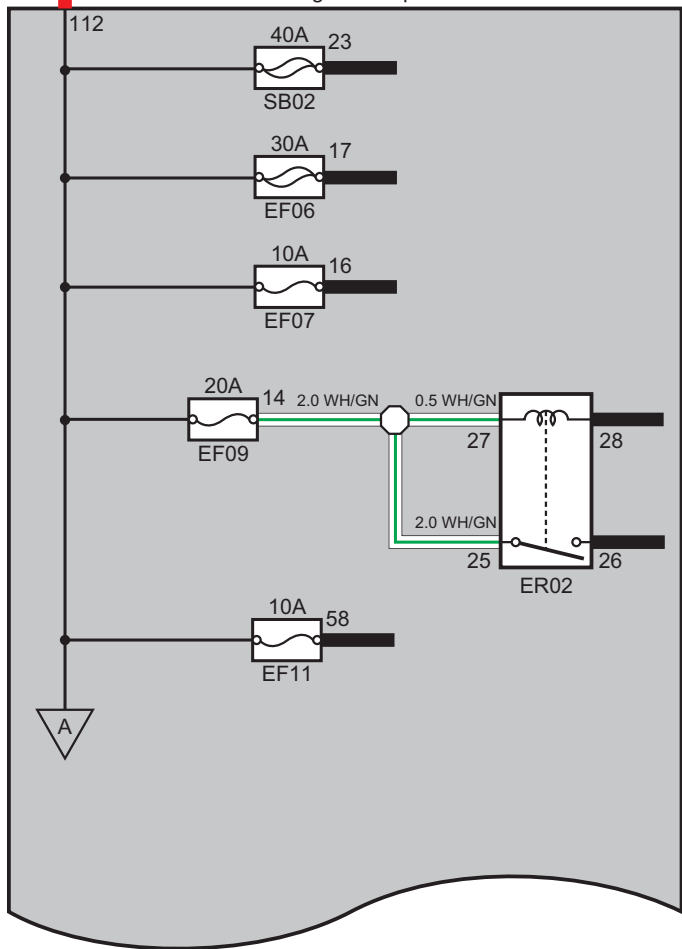
Code	Application	Rated Current (A)
IF01	Electronic Steering Lock	10A
IF02	ECU, Brake Switch	10A
IF03	EPB Controller	10A
IF04	Instrument Cluster	10A
IF05	Rotation Angle Sensor	10A
IF06	Shift Relay, ESL, ACM	10A
IF07	Reversing Radar, Back-up Lamp, AQS	10A
IF08	Gateway	10A
IF09	EPBi/ESP, STT Switch	10A
IF10	Airbag Controller	10A
IF11	-	-
IF12	PEPSA-1, Radio Frequency	10A
IF13	Instrument Cluster	10A
IF14	Gateway	10A
IF15	BCM, Turning Lamp	15A
IF16	BCM, Rearview Mirror Folding, Power Saving	20A
IF17	BCM Door Lock Power Source	15A
IF18	BCM Battery Power Supply	10A
IF19	Brake Switch, Light Controller	10A
IF20	Data Link Connector	10A
IF21	DVD, T-BOX	15A
IF22	Front Fog Lamp	15A
IF23	BCM, Ambient Lamp	10A

Code	Application	Rated Current (A)
IF24	Electronic Steering Lock	10A
IF25	Seat Heating	20A
IF26	Position Lamp Relay	20A
IF27	Panoramic Sun Roof	30A
IF28	Rear Defroster	30A
IF29	Right Position Lamp	10A
IF30	Left Position Lamp	10A
IF31	EPS	10A
IF32	Front Wiper	10A
IF33	ACM	15A
IF34	ACM	15A
IF35	Panoramic	10A
IF36	Rearview Mirror Heating	10A
IF37	ACC	10A
IF38	USB, Inner Rearview Mirror	10A
IF39	Outer Rearview Mirror Adjustment	10A
IF40	Power Outlet	25A
IF41	Cigarette Lighter	15A
IF42	BCM	10A
IF43	Lane Departure, Blind Spot Monitoring, Panoramic	10A

Battery Positive Fuse Box E28

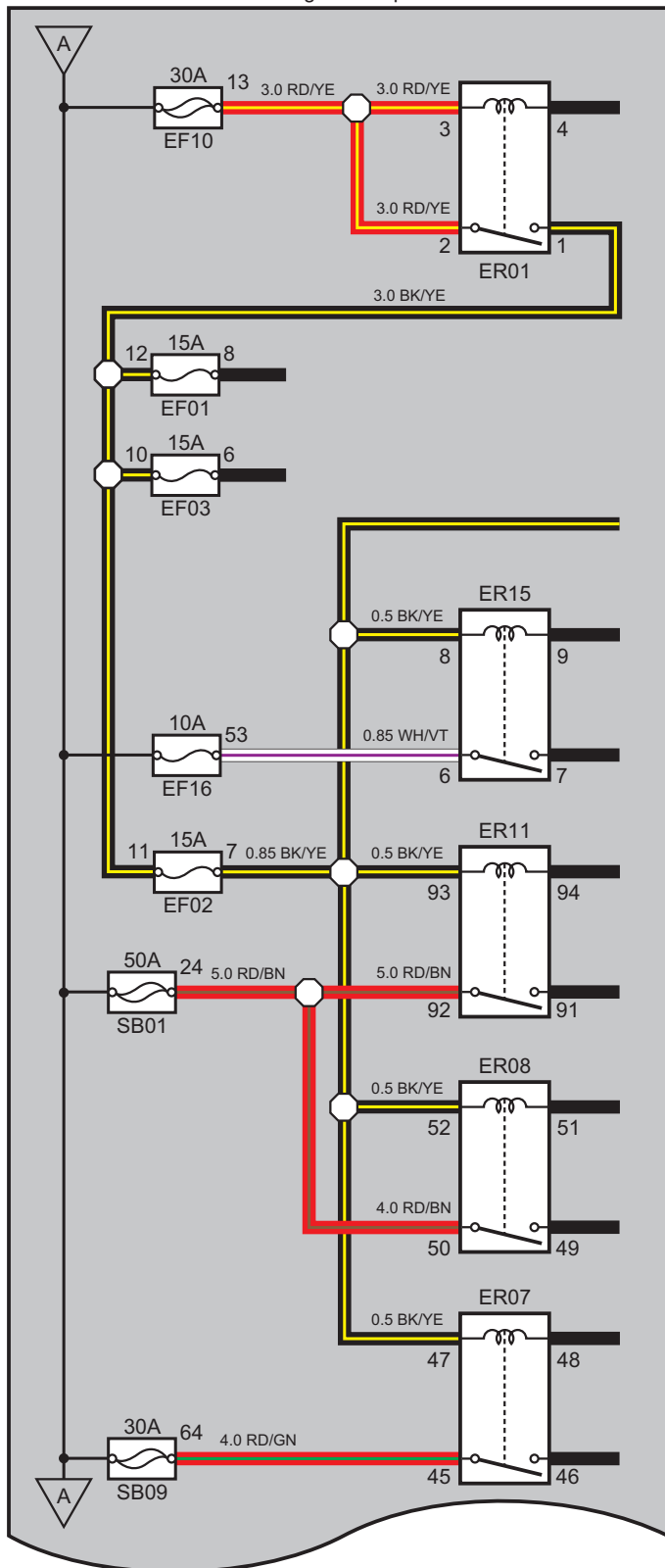


Engine Compartment Main Fuse Box C13

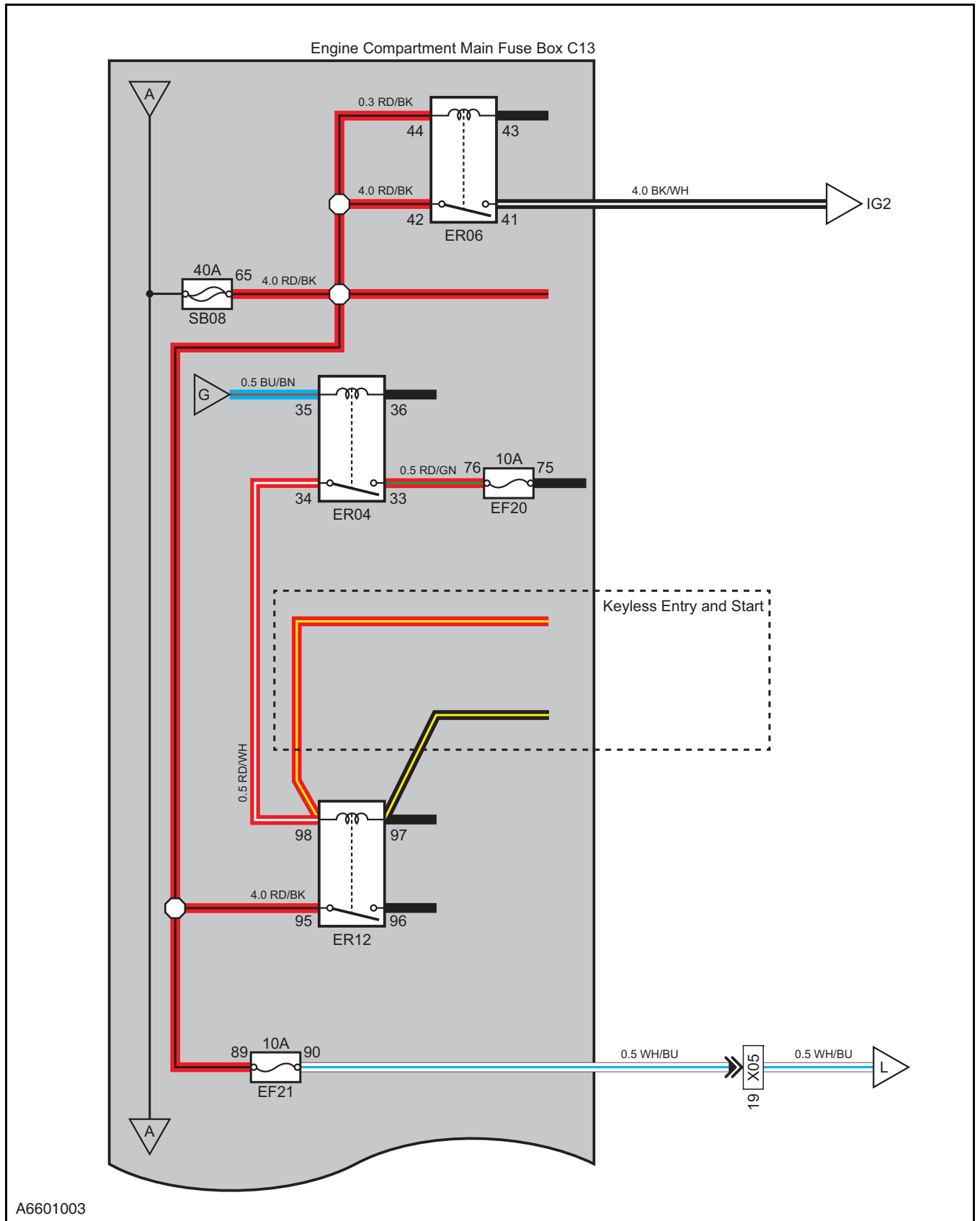


A6601001

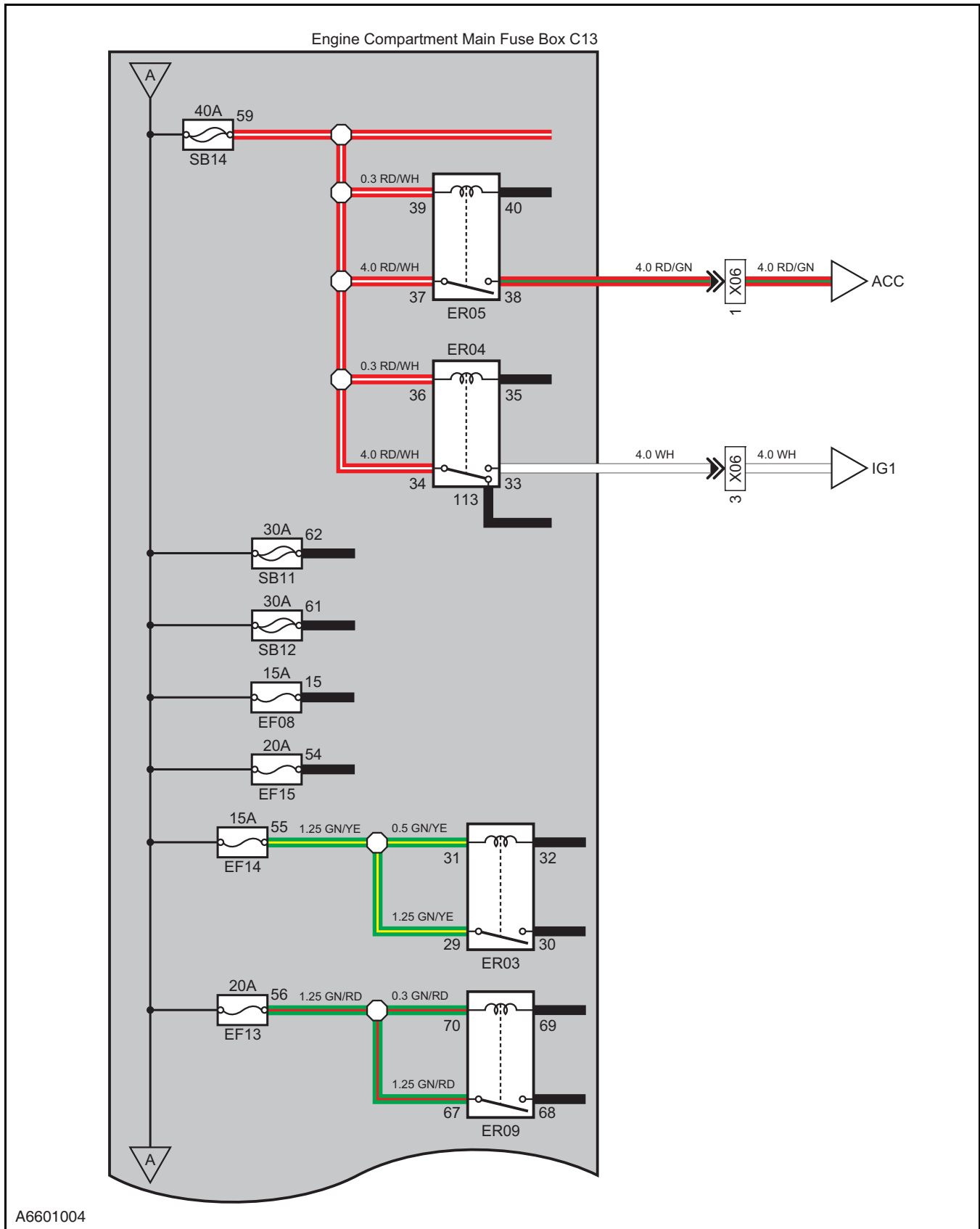
Engine Compartment Main Fuse Box C13

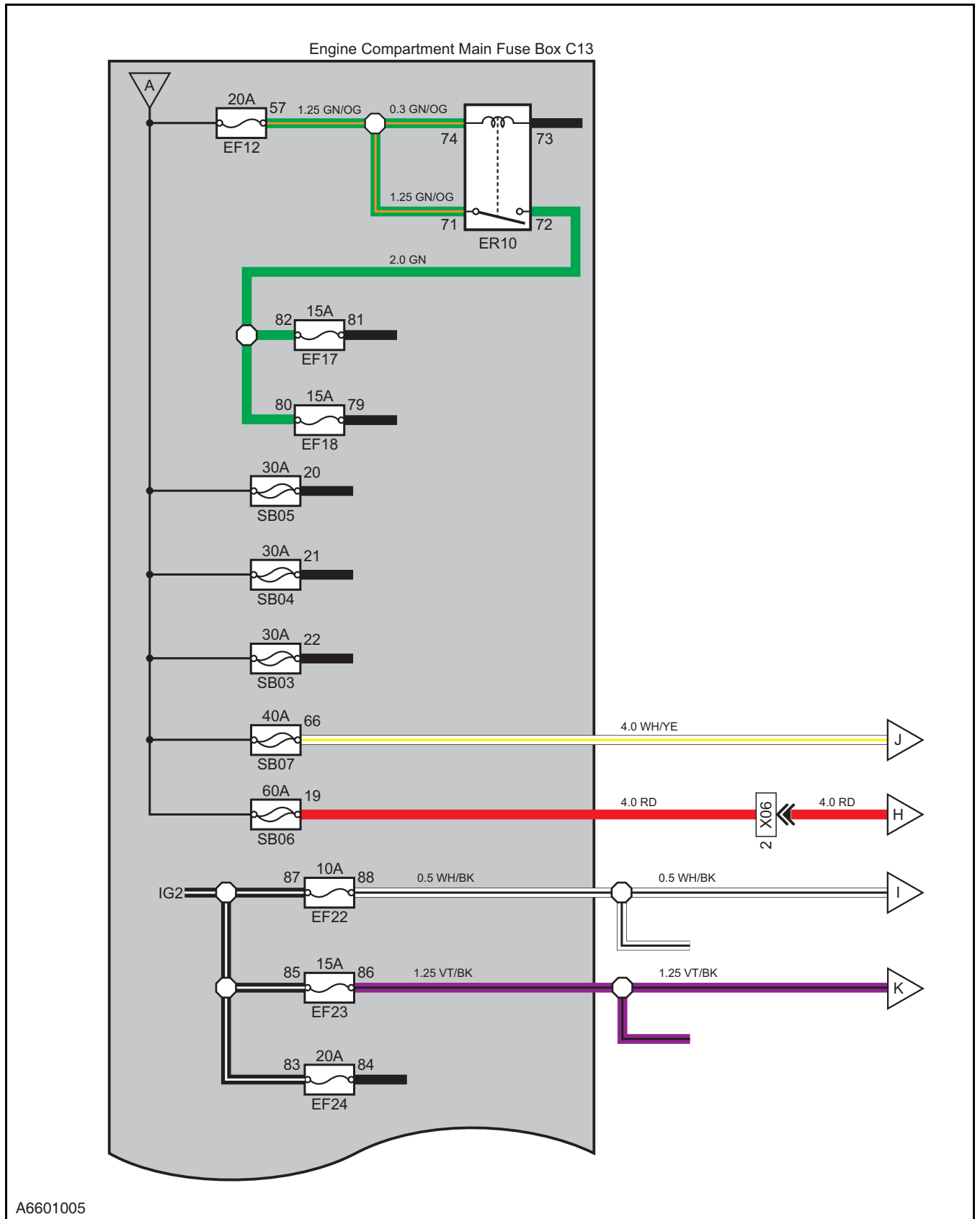


A6601002

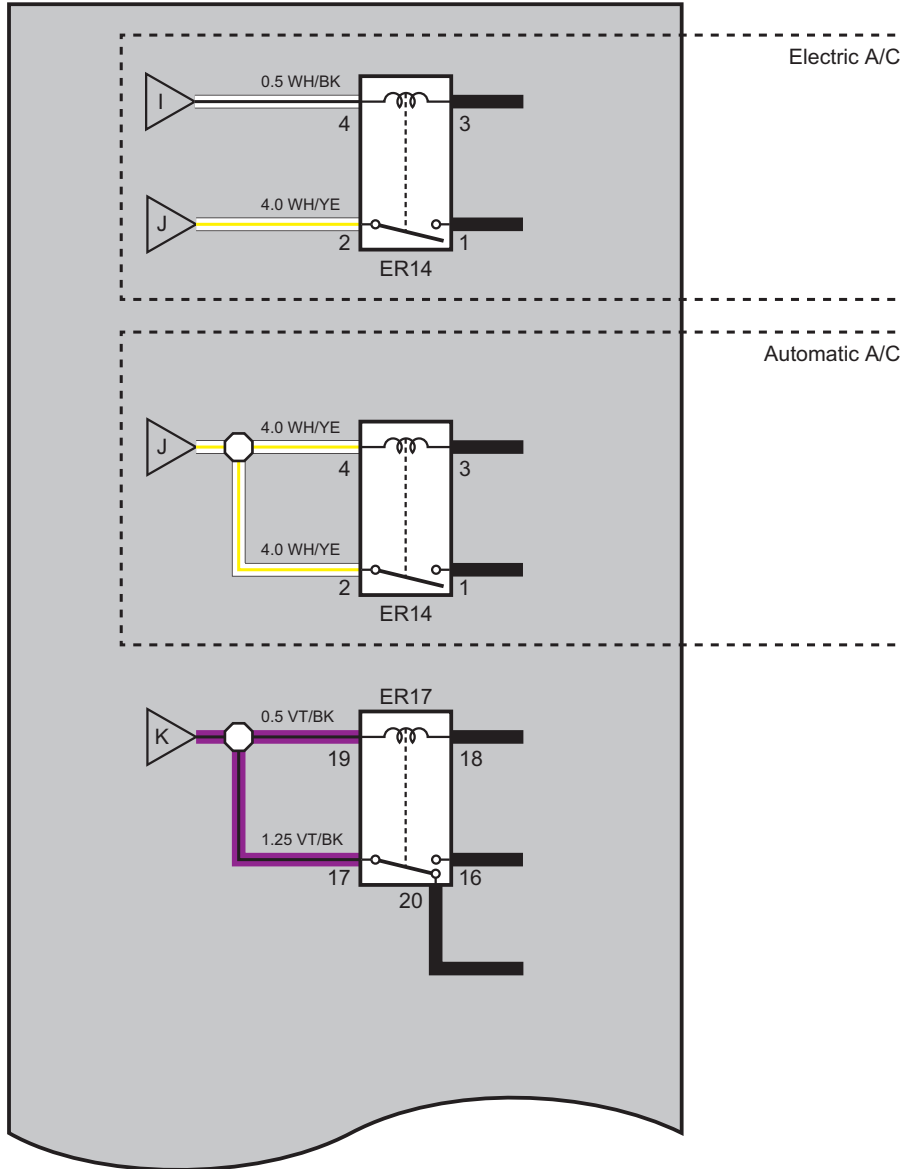


A6601003

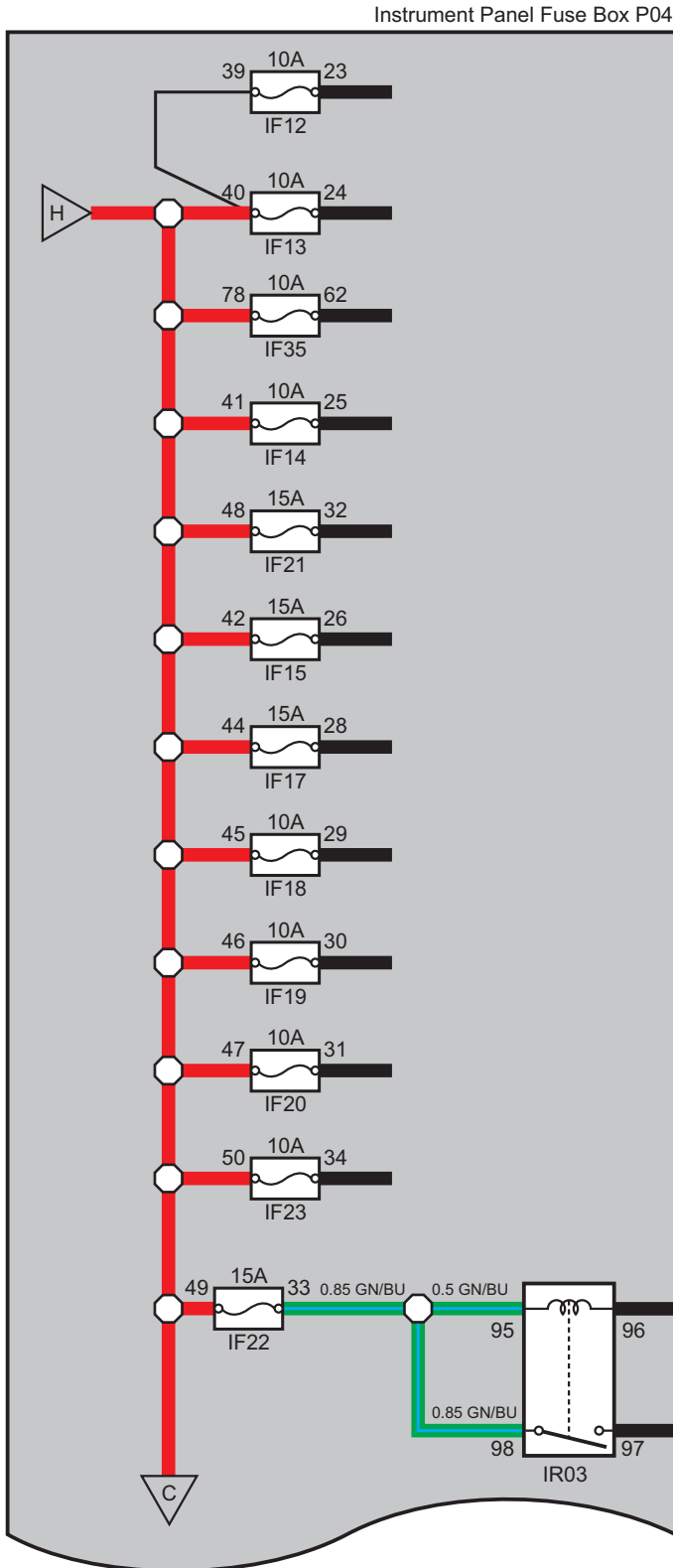




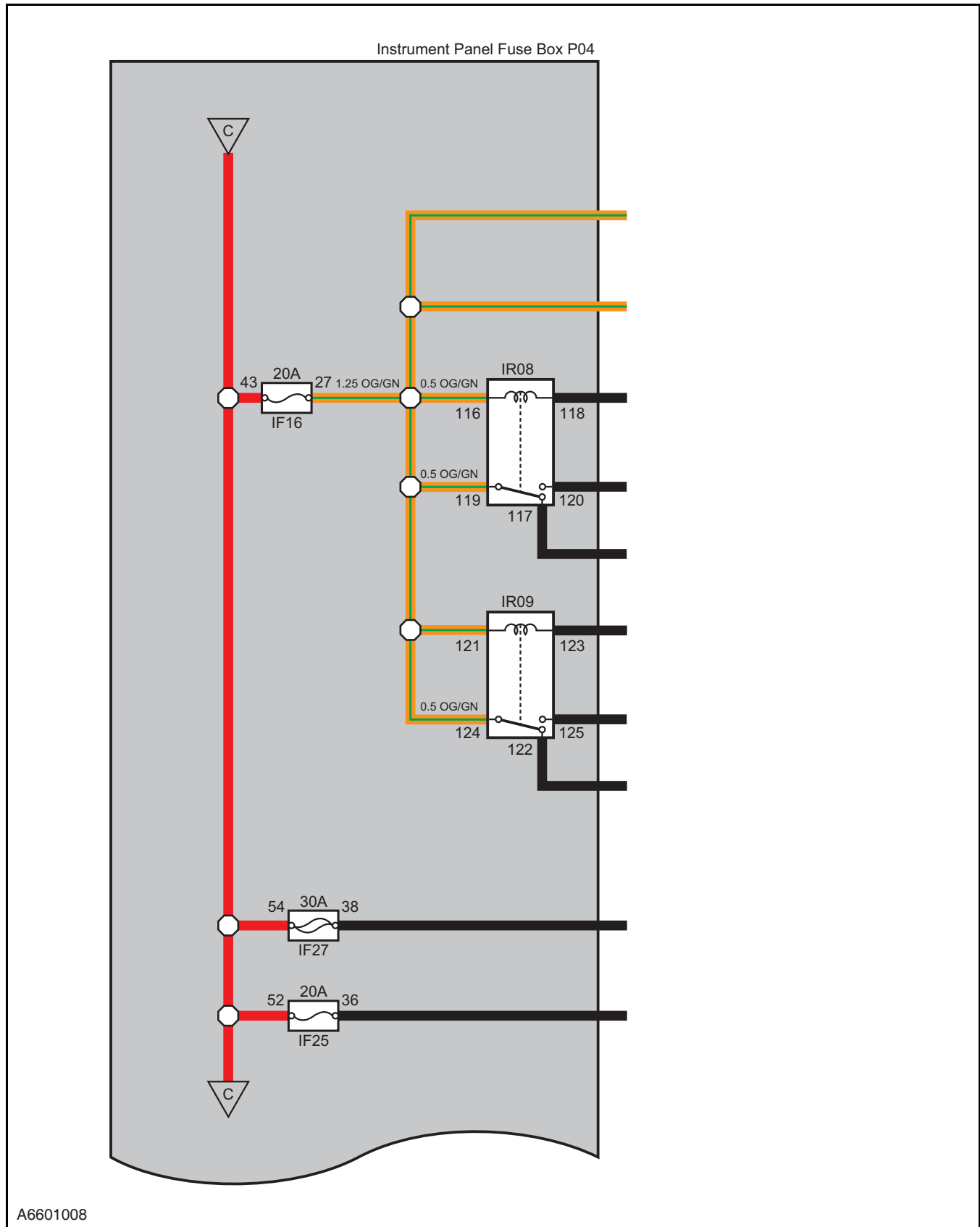
Engine Compartment Sub Fuse Box C03

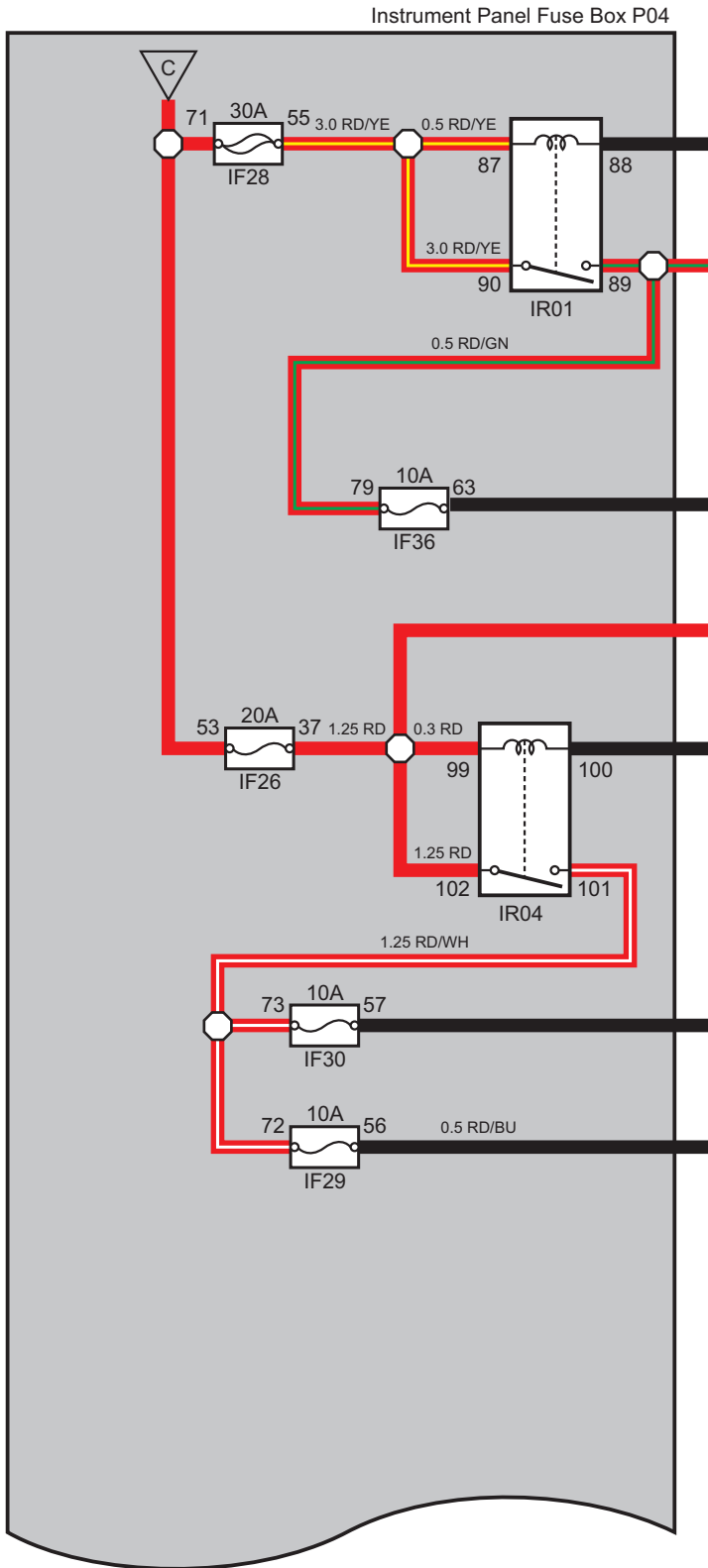


A6601006

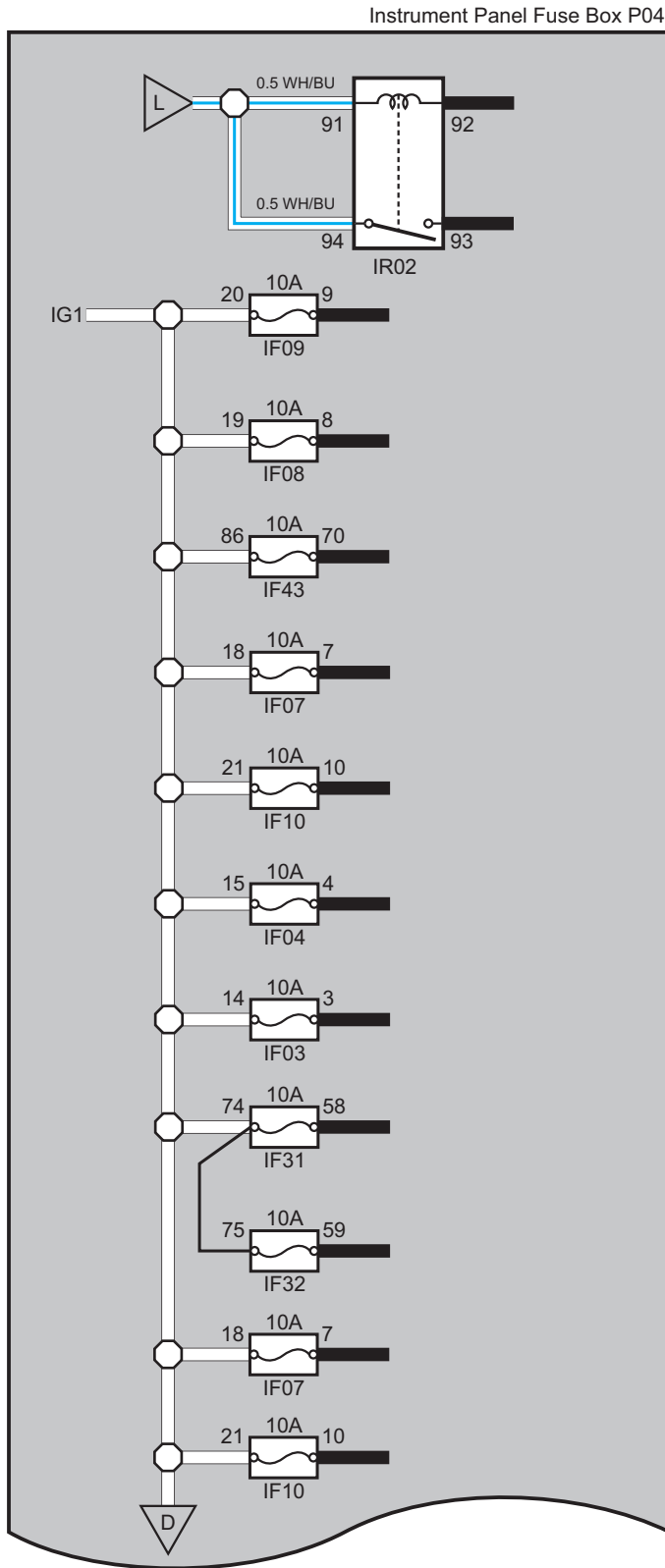


A6601007

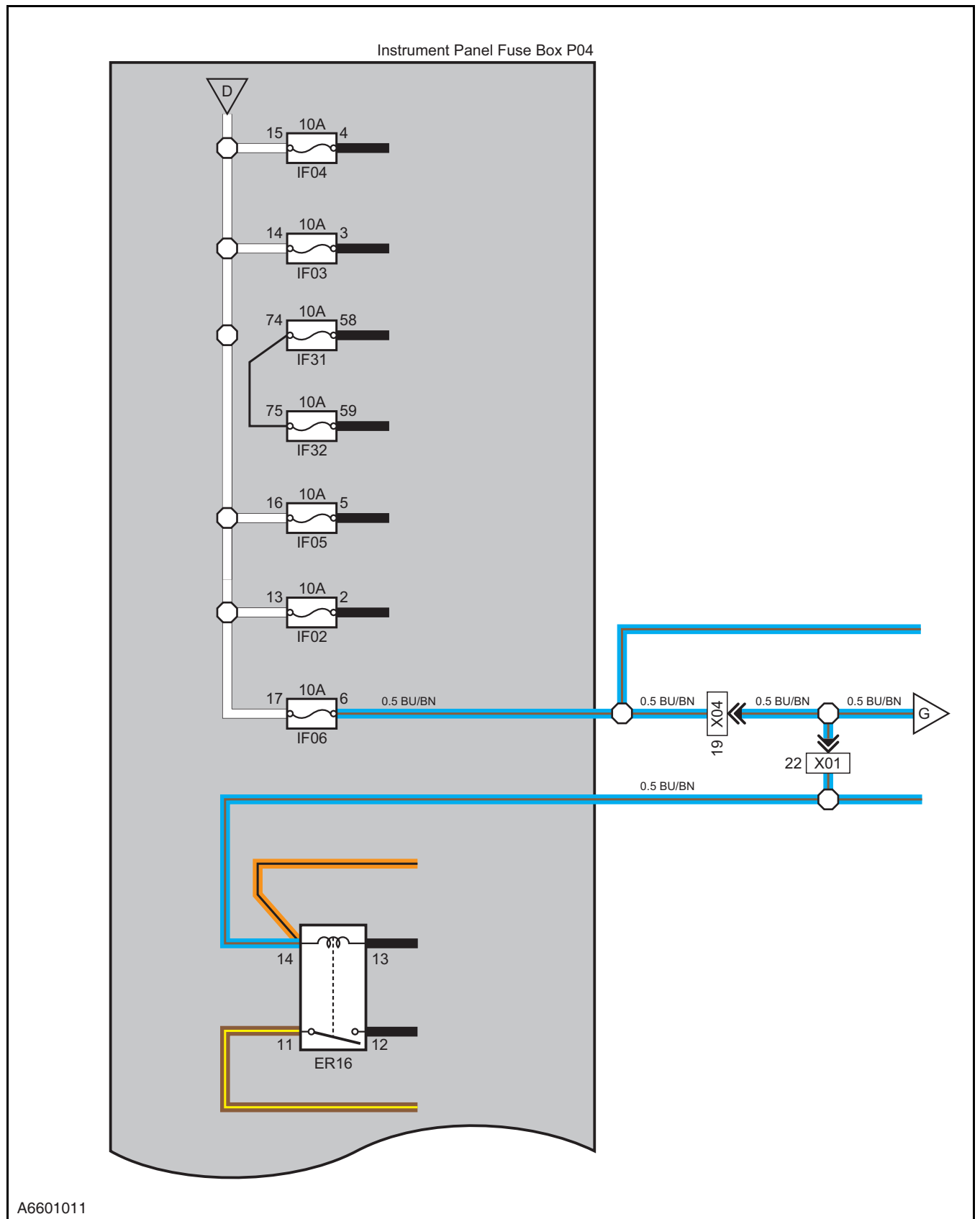


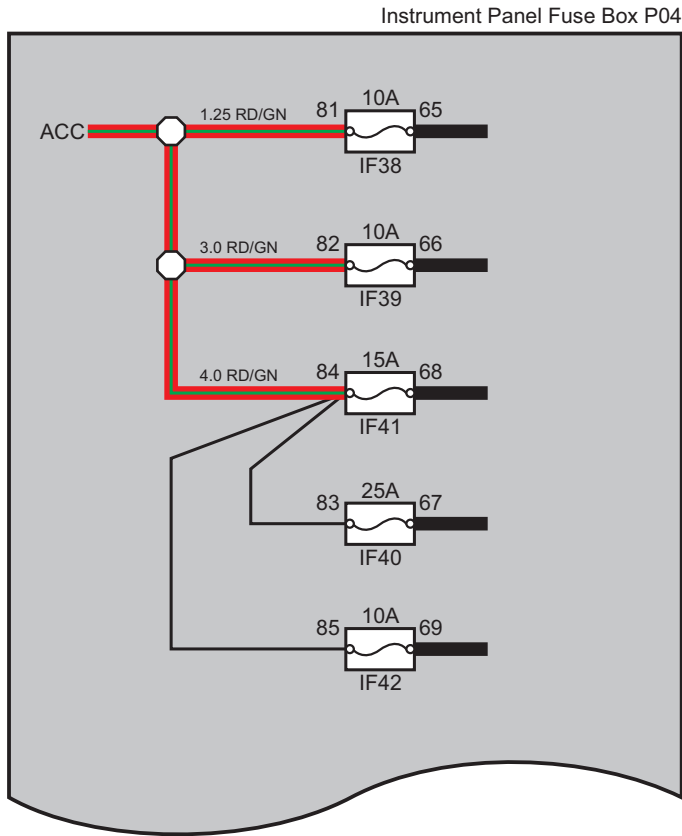


A6601009



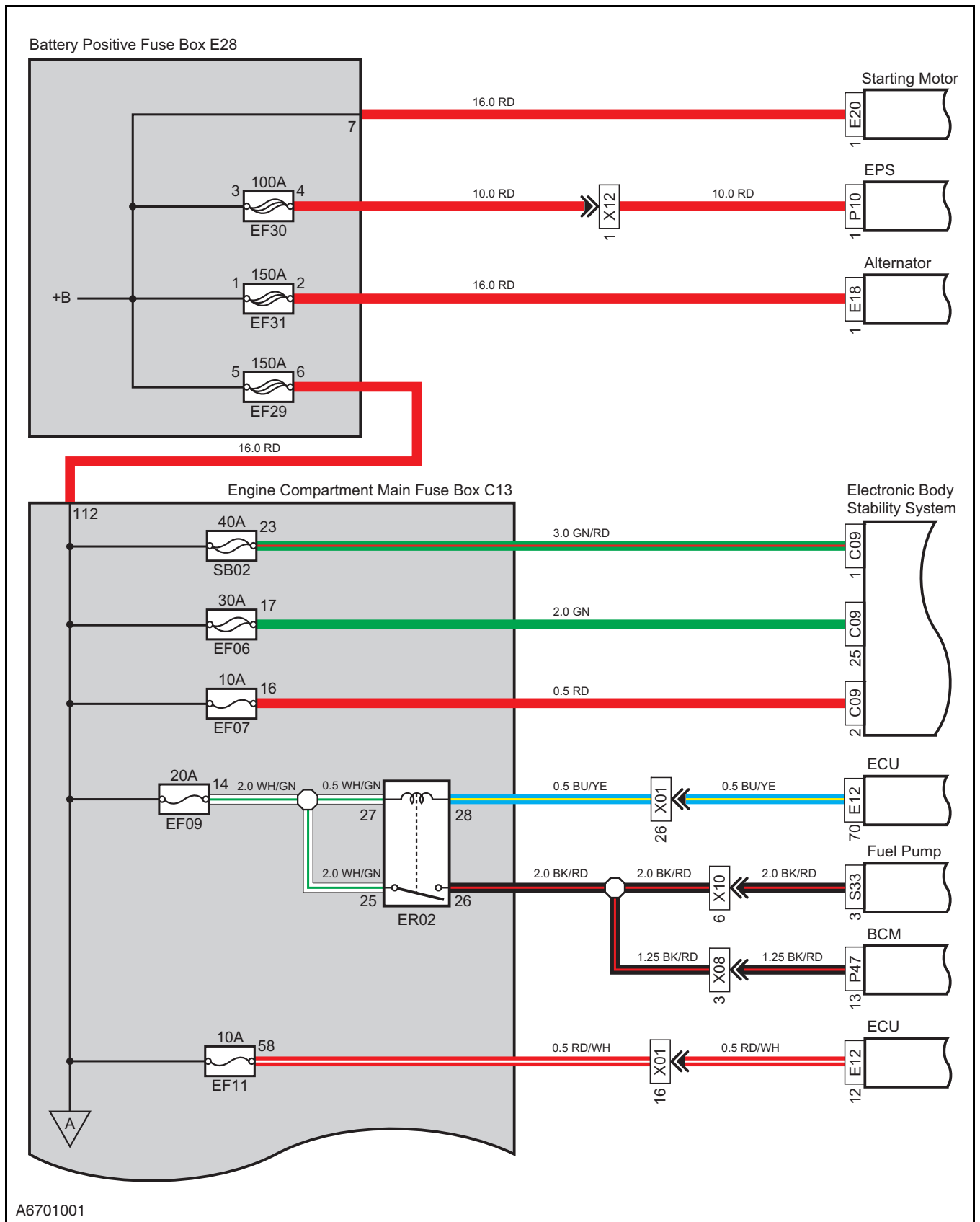
A6601010



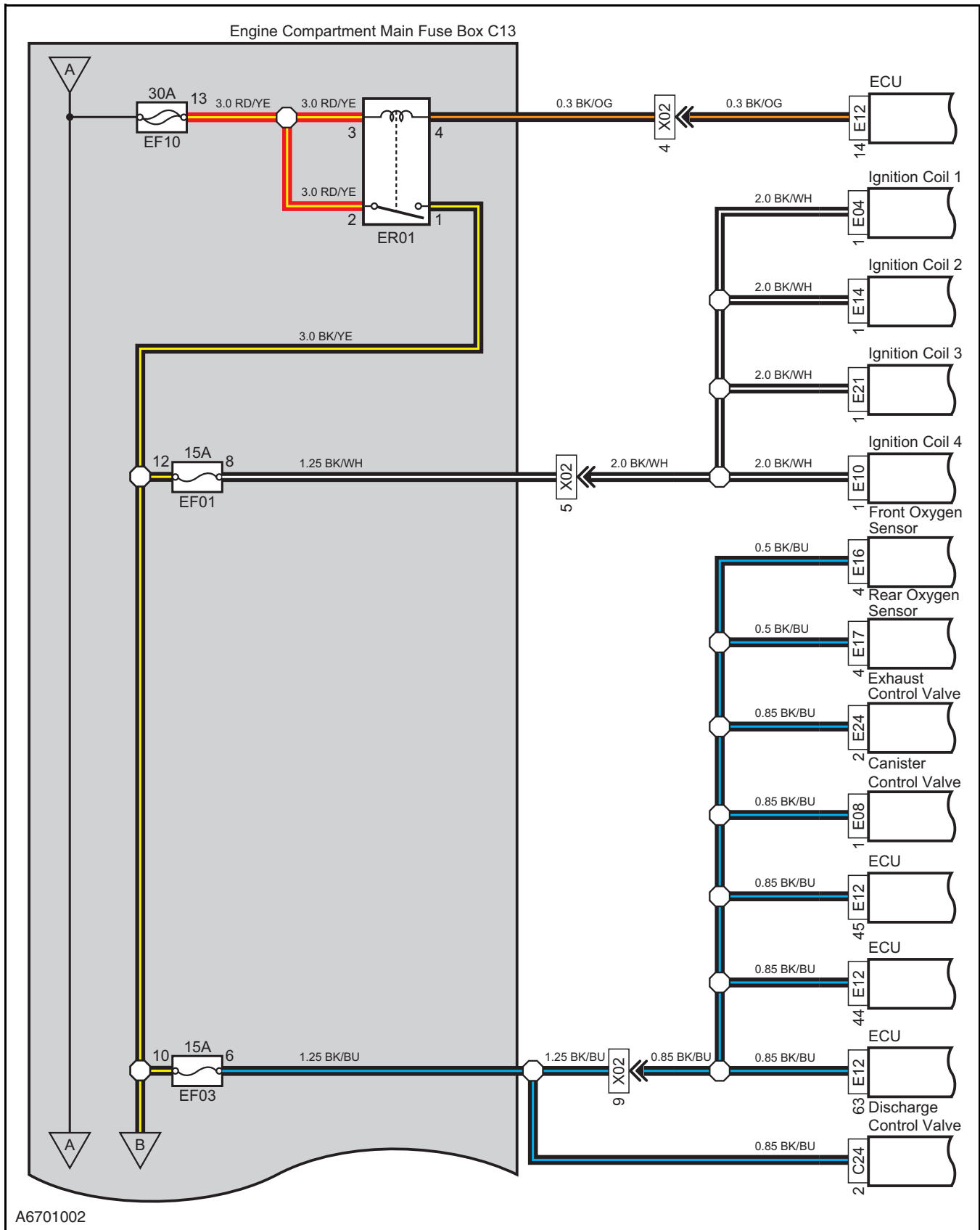


A6601012

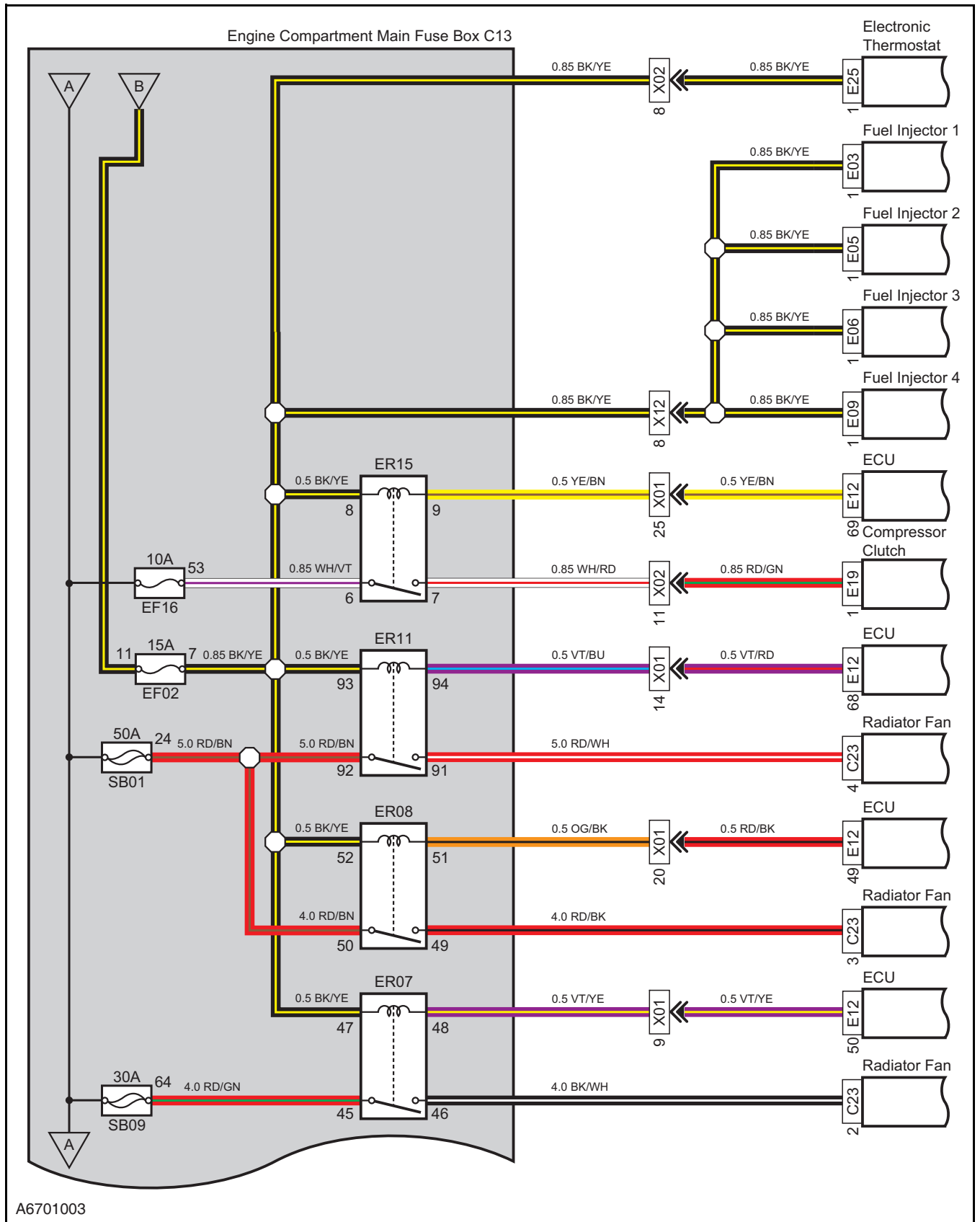
SB02 EF06 EF07 EF09 EF11 EF29 EF30 EF31 ER02



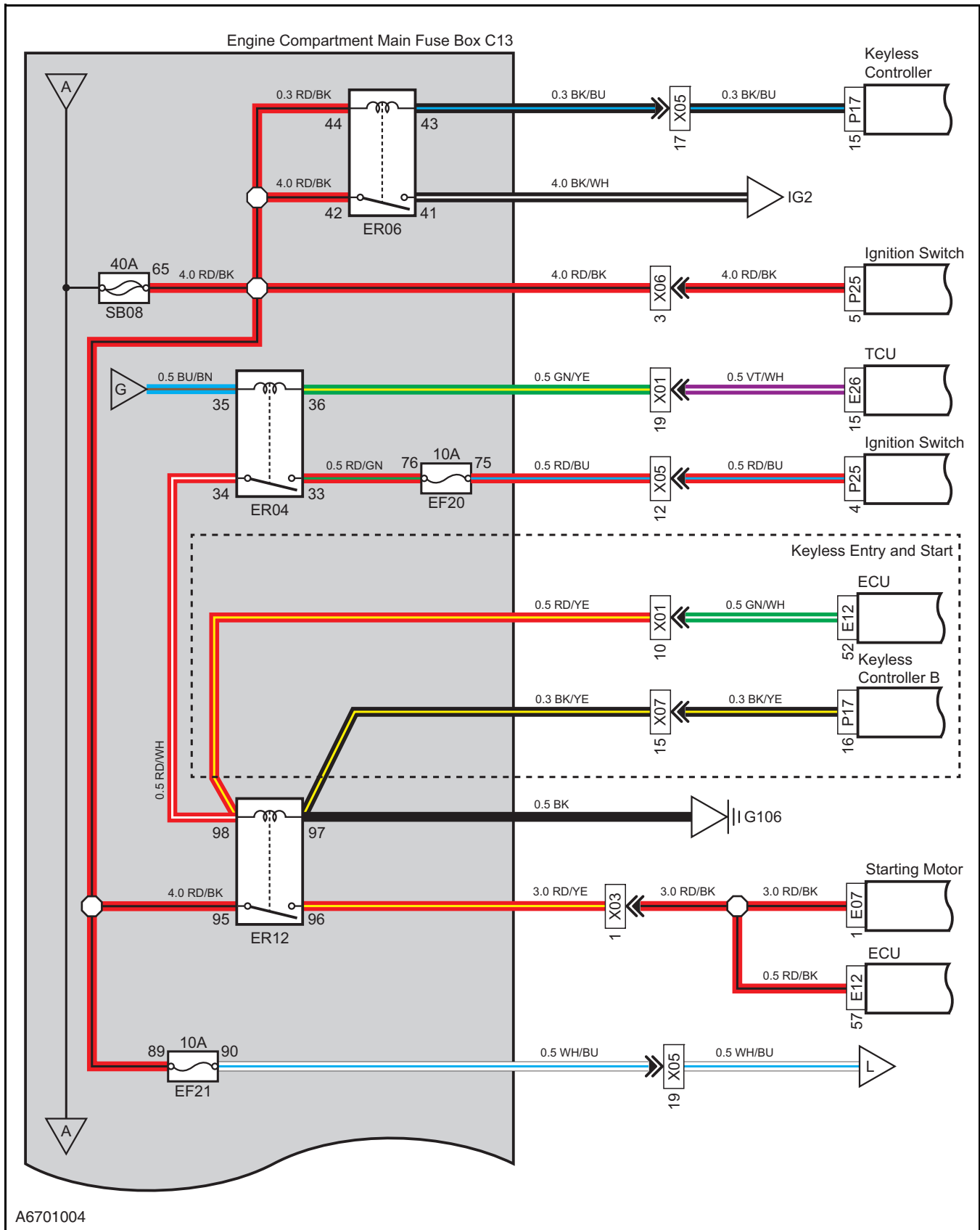
EF01 EF03 EF10 ER01



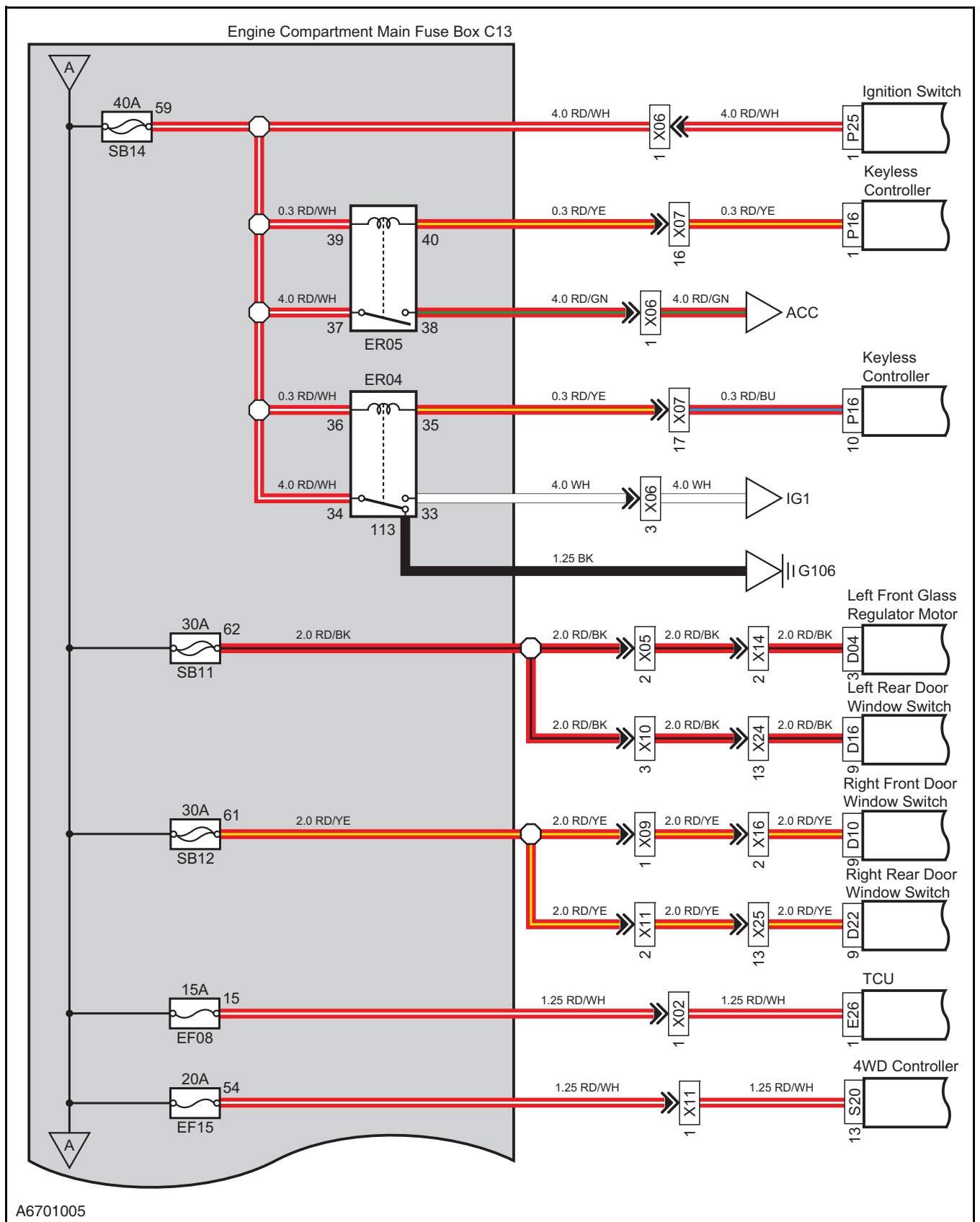
SB01 SB09 EF02 EF16 ER07 ER08 ER11 ER15



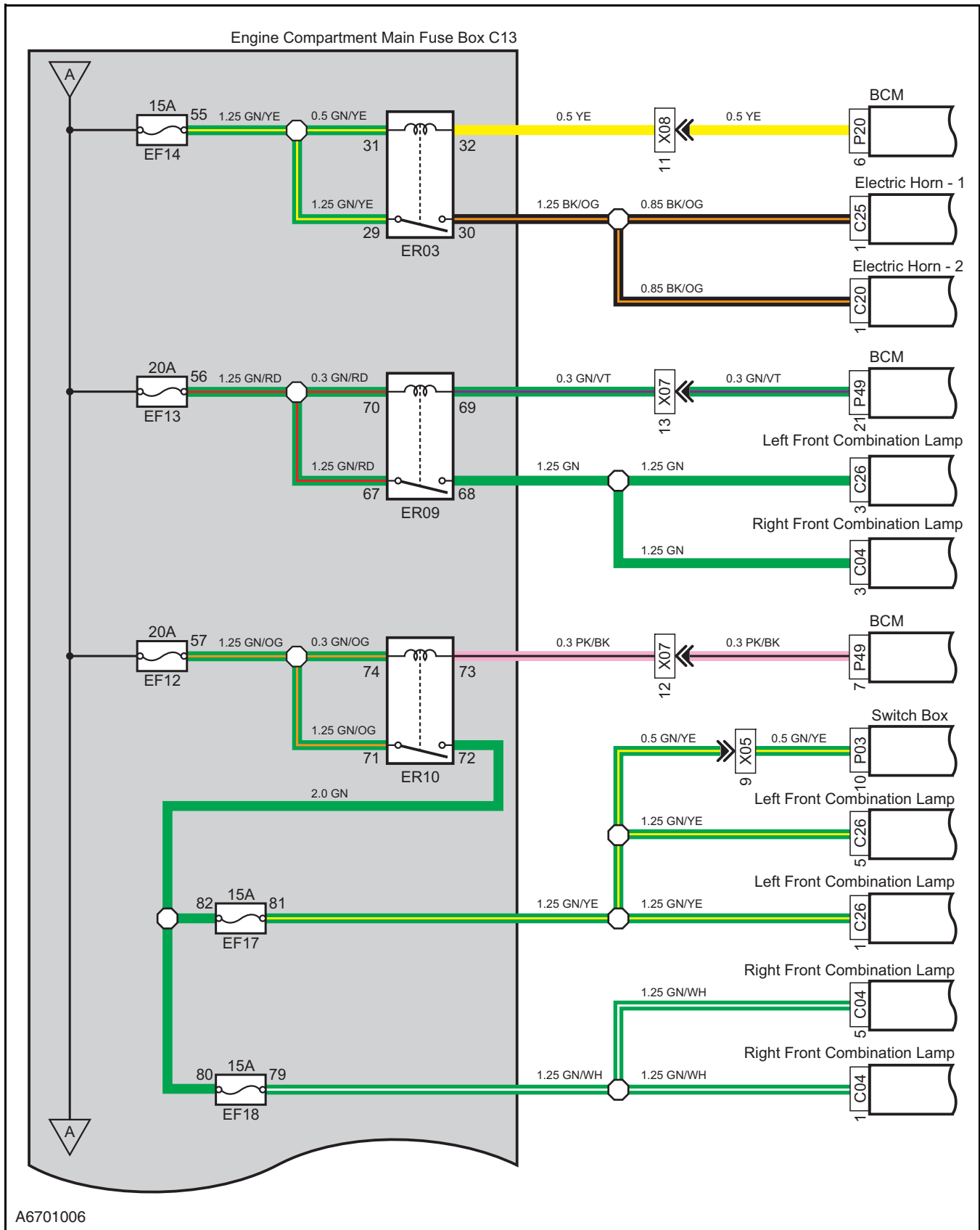
SB08 EF20 EF21 ER04 ER06 ER12



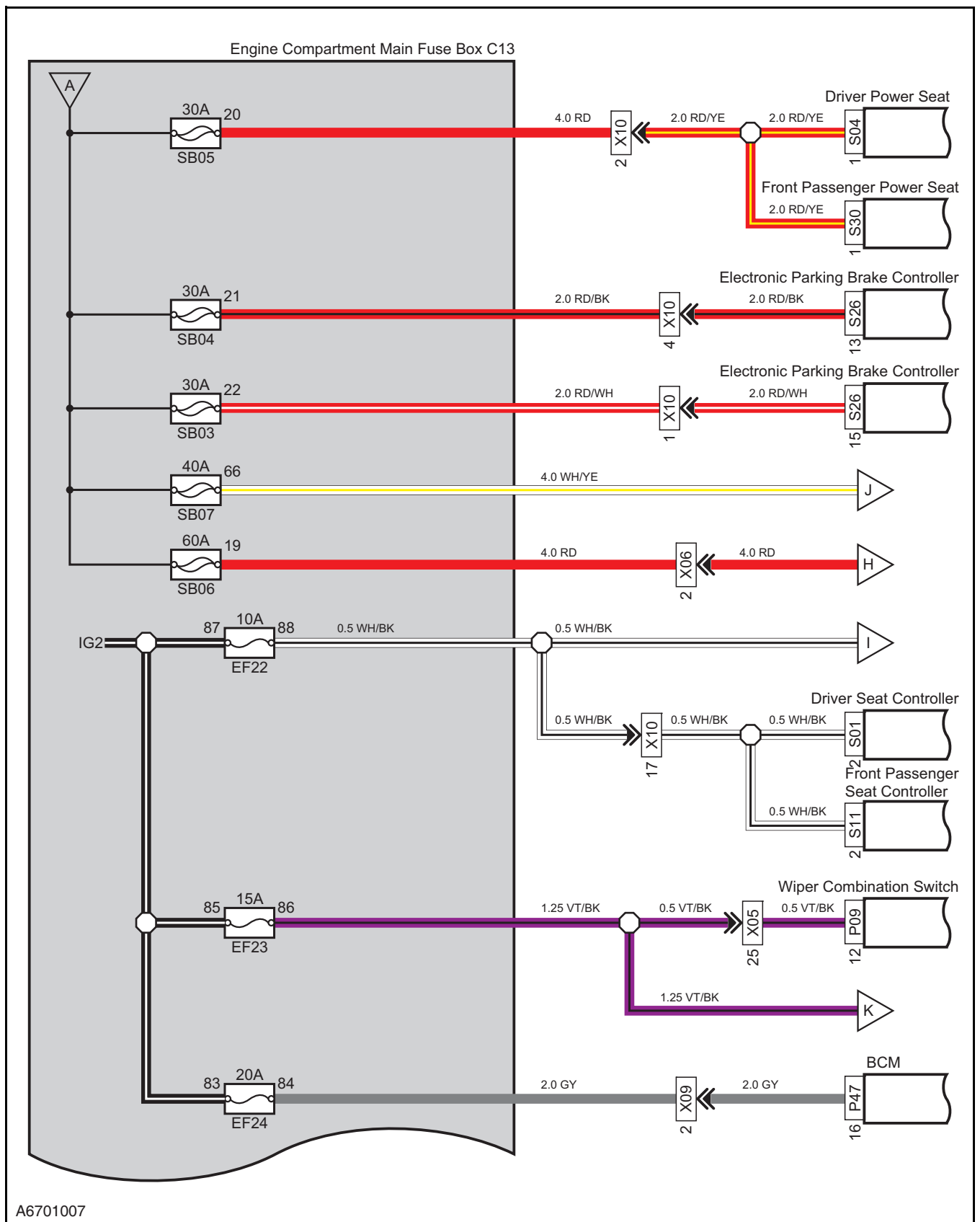
SB11 SB12 SB14 EF08 EF15 ER04 ER05



EF12 EF13 EF14 EF17 EF18 ER03 ER09 ER10

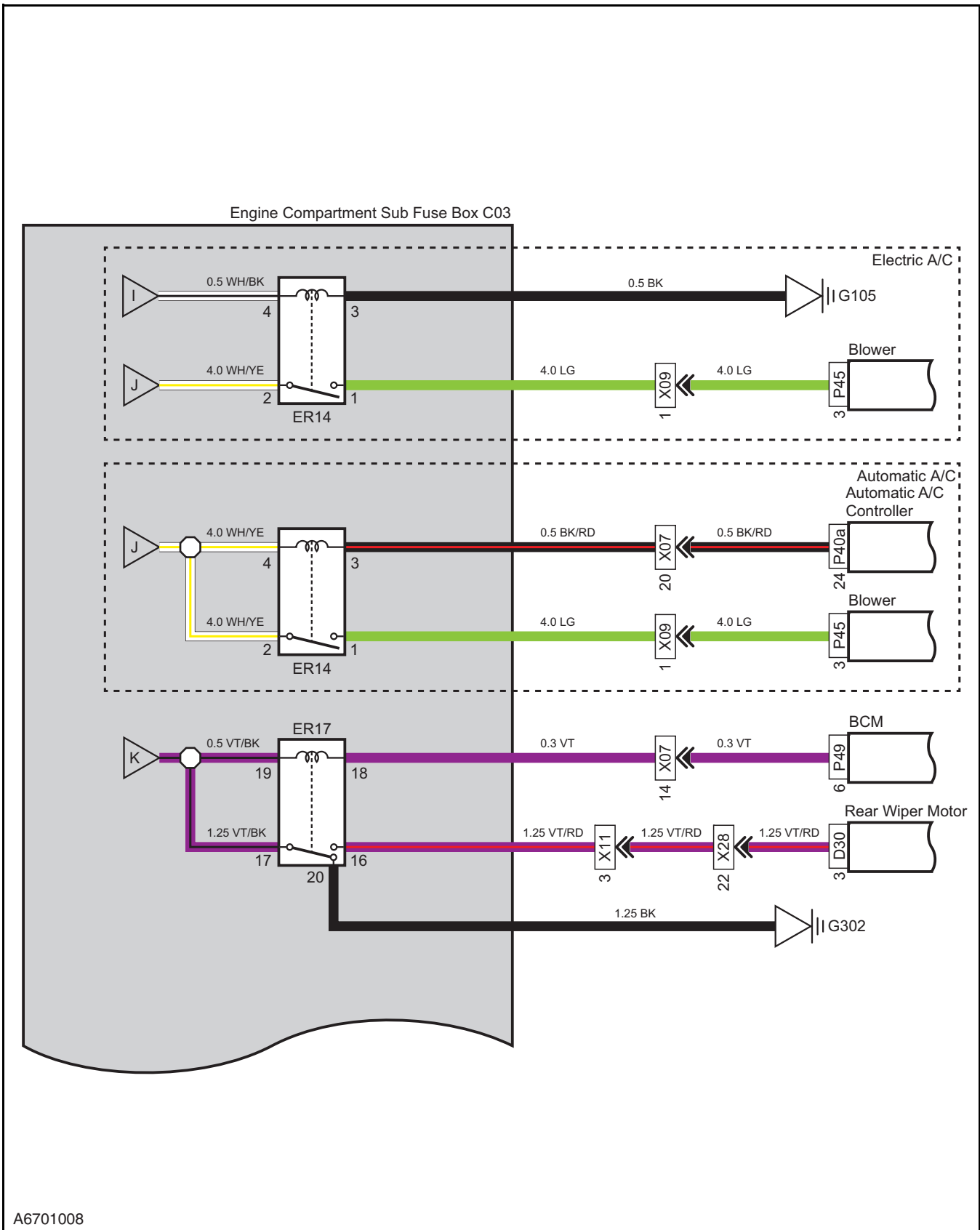


SB03 SB04 SB05 SB06 SB07 EF22 EF23 EF24



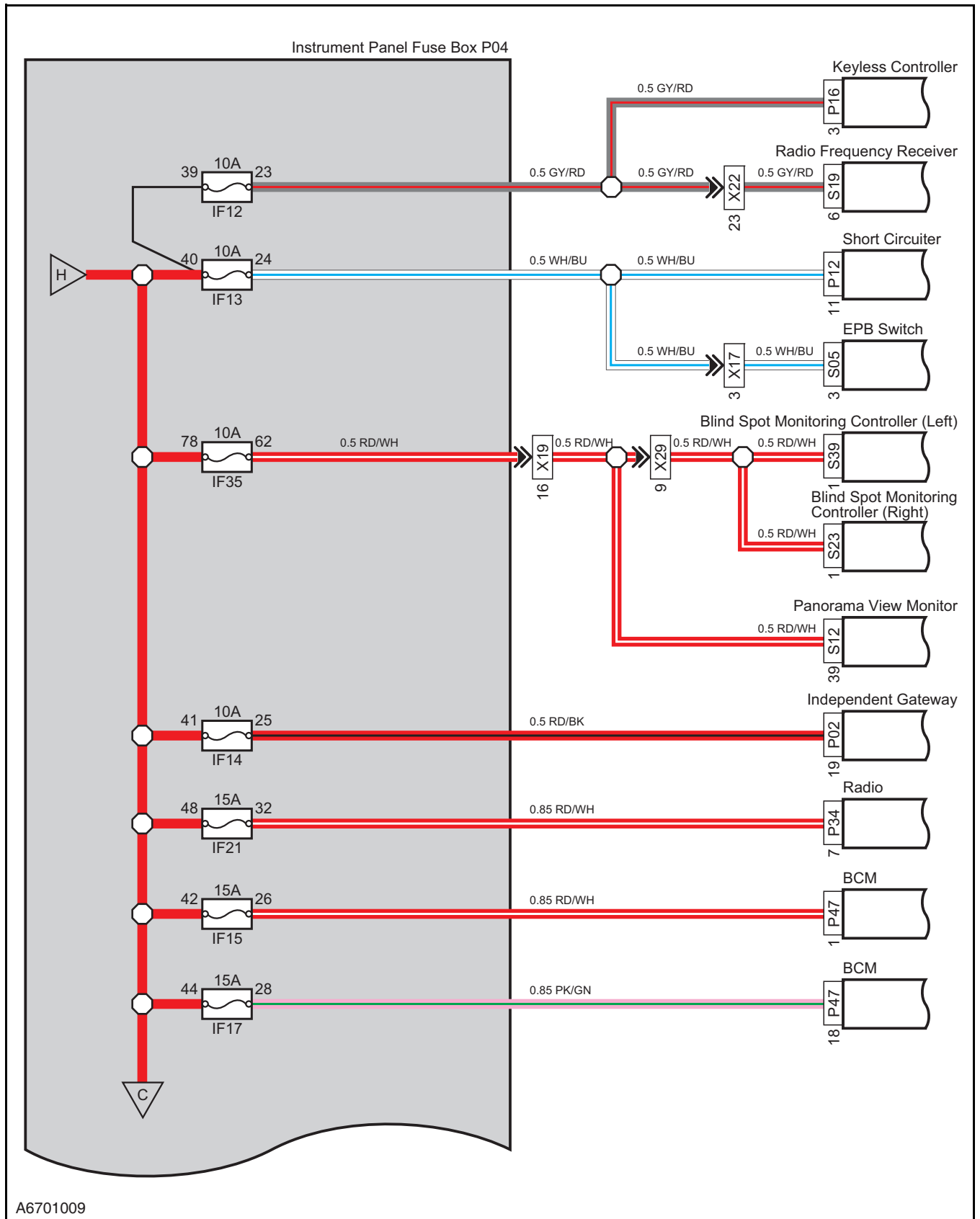
A6701007

ER14 ER17



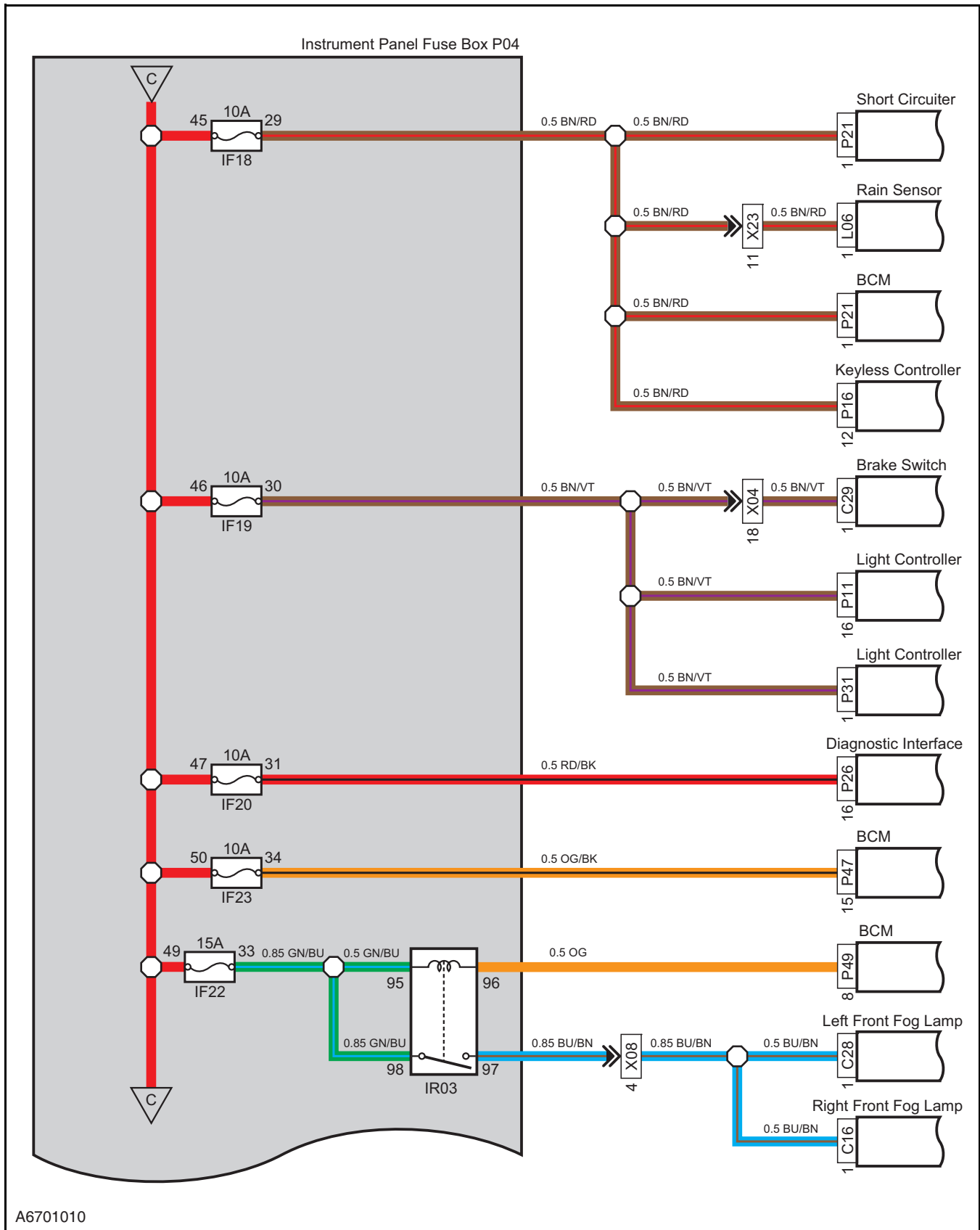
A6701008

IF12 IF13 IF14 IF15 IF17 IF21 IF35



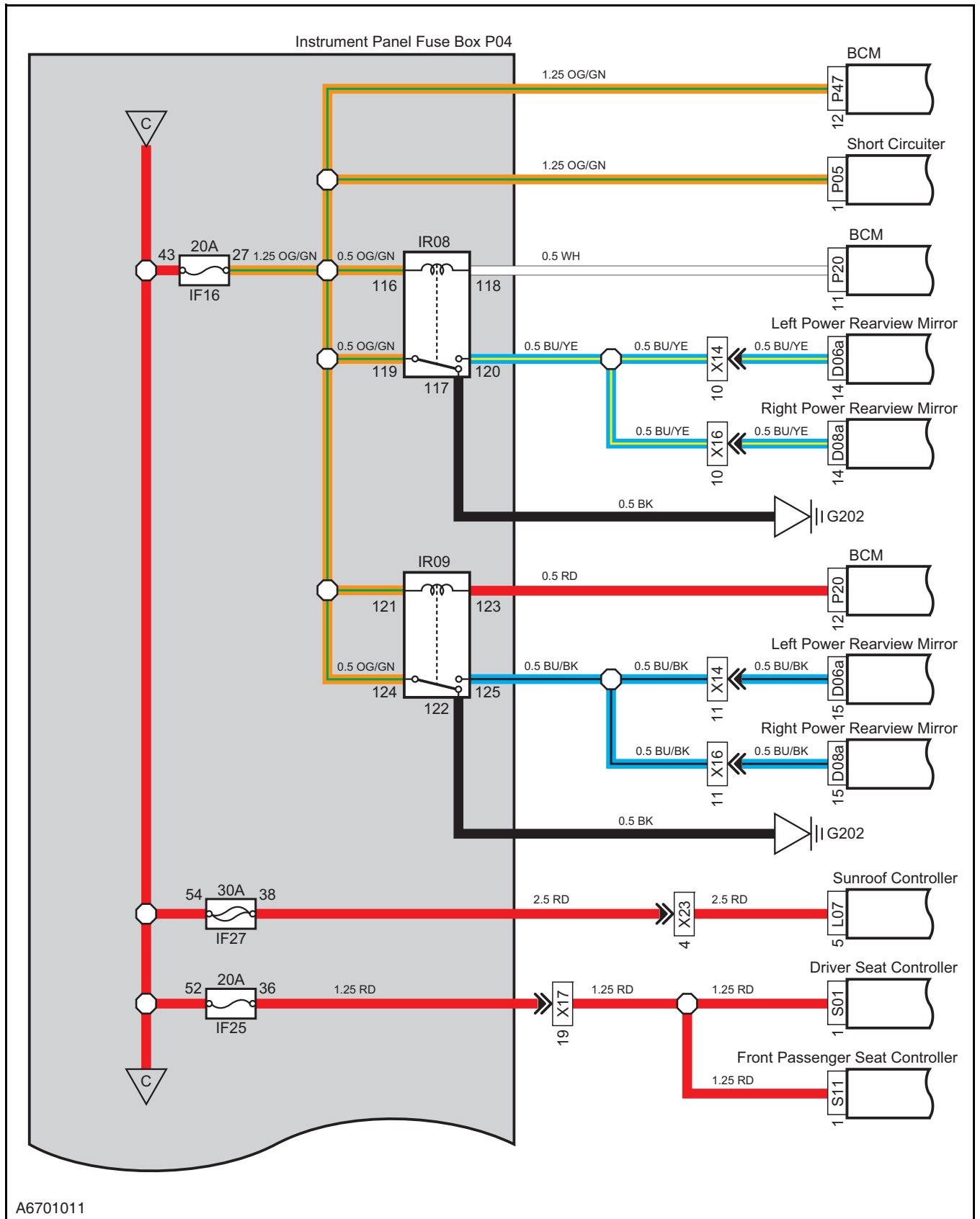
A6701009

IF18 IF19 IF20 IF22 IF23 IR03



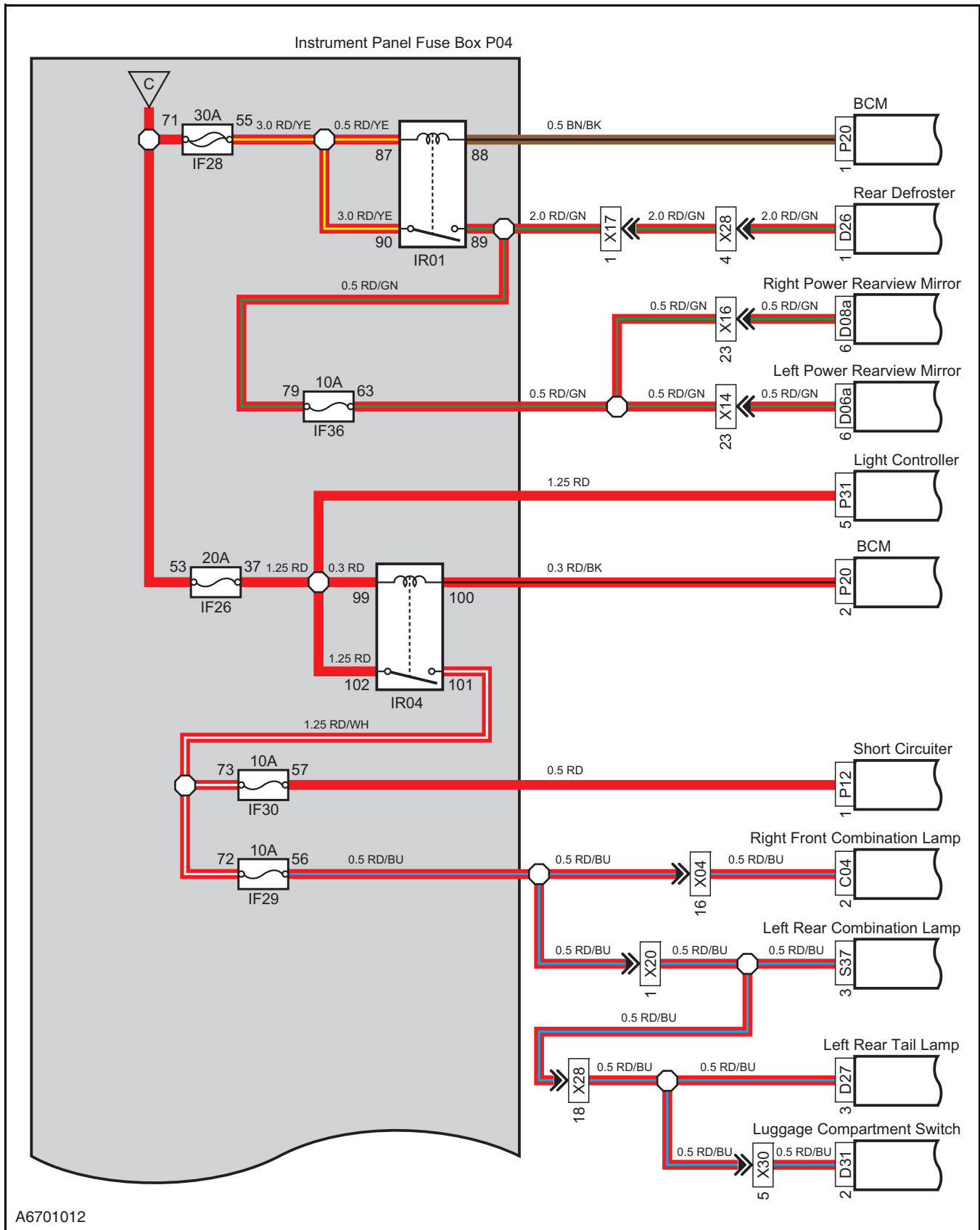
A6701010

IF16 IF25 IF27 IR08 IR09

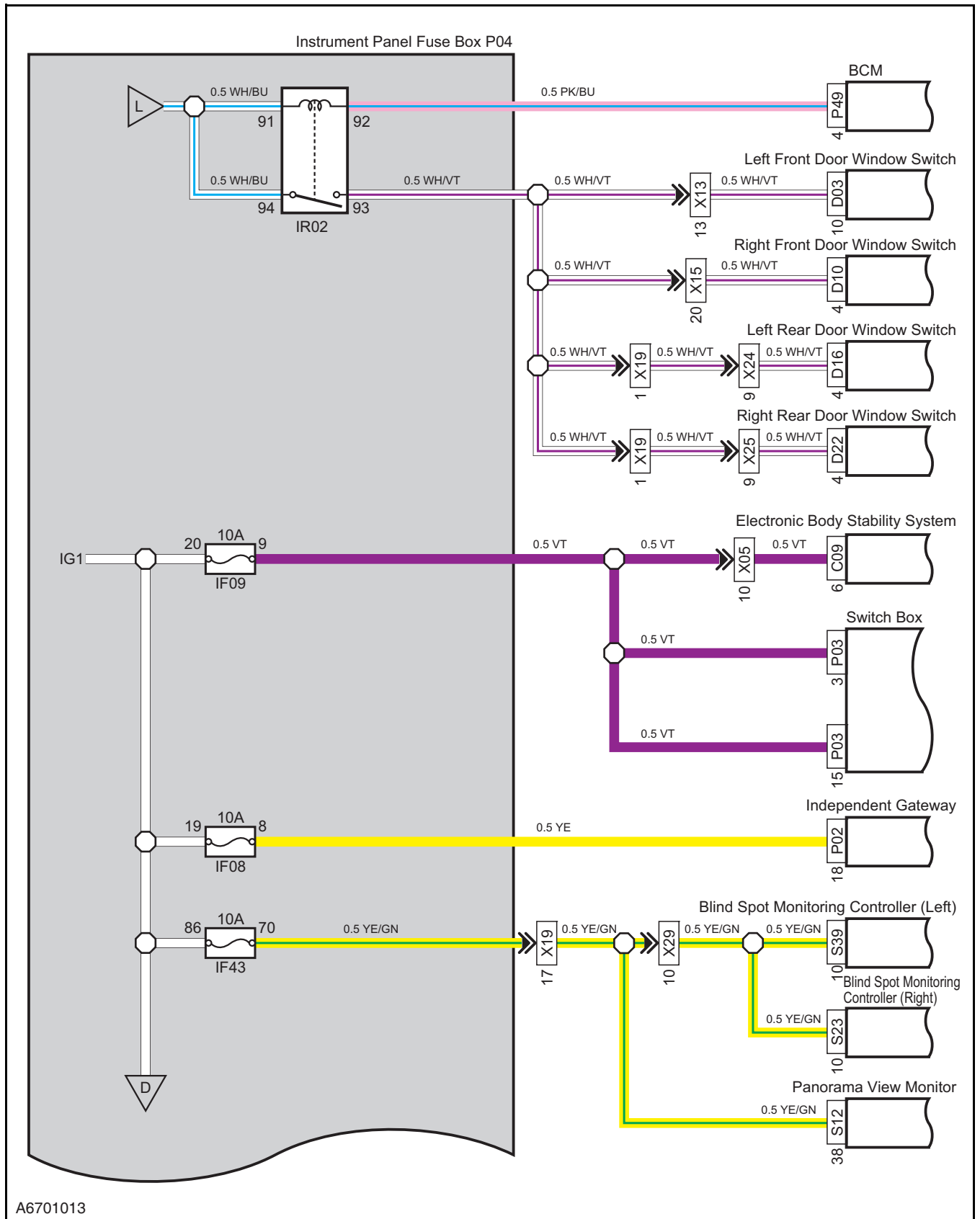


A6701011

IF26 IF28 IF29 IF30 IF36 IR01 IR04

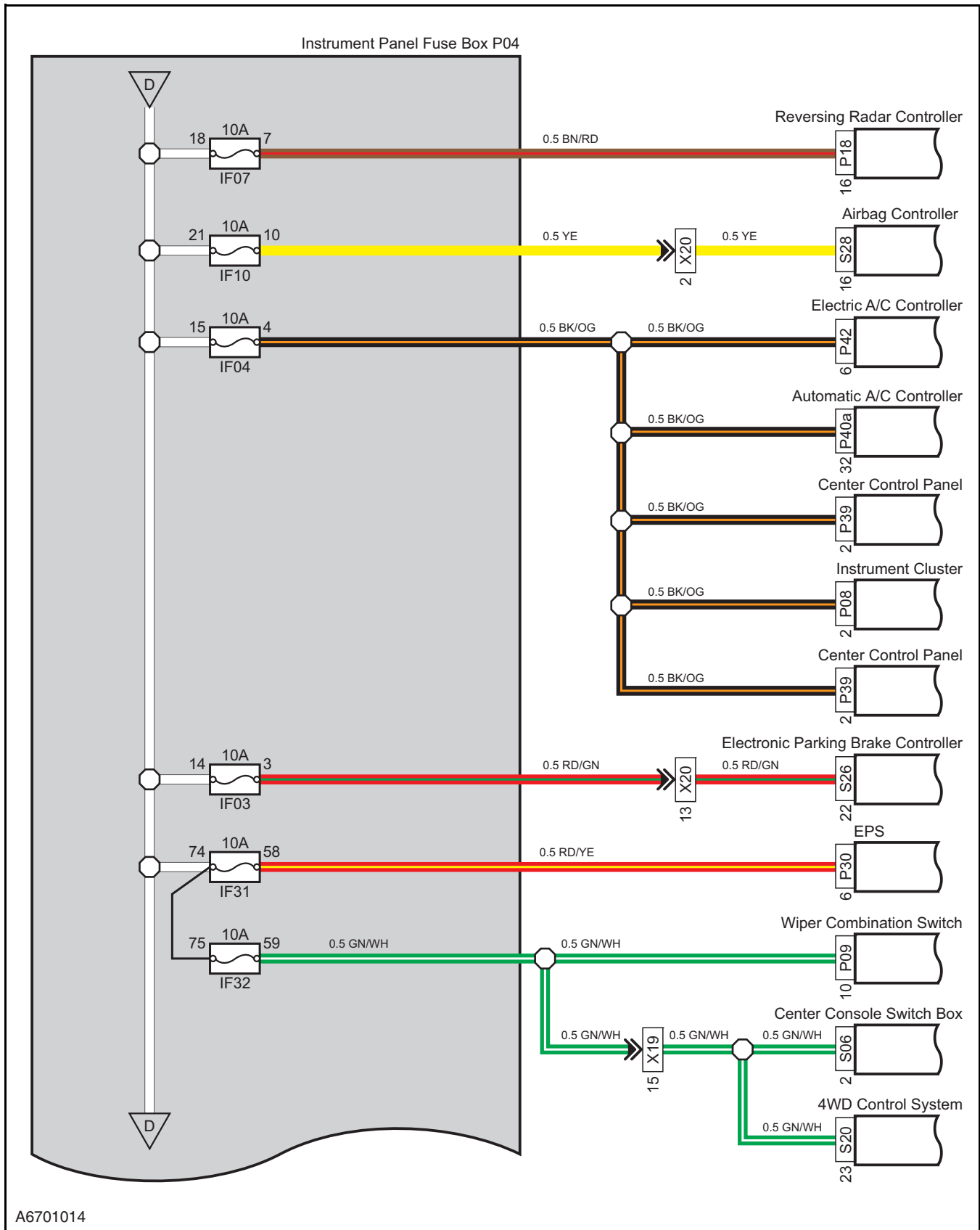


IF08 IF09 IR43 IR02



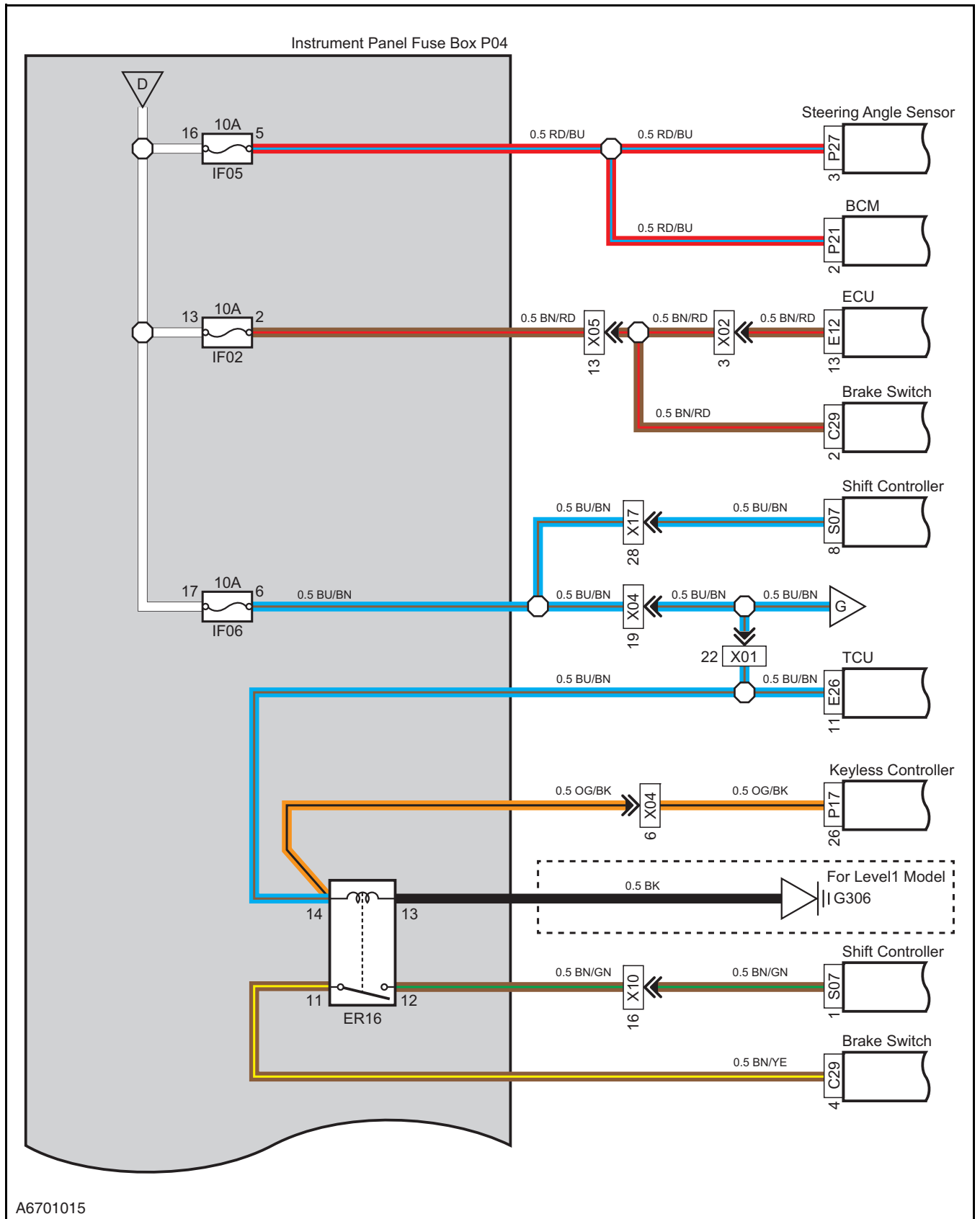
A6701013

IF03 IF04 IF07 IF10 IF31 IF32



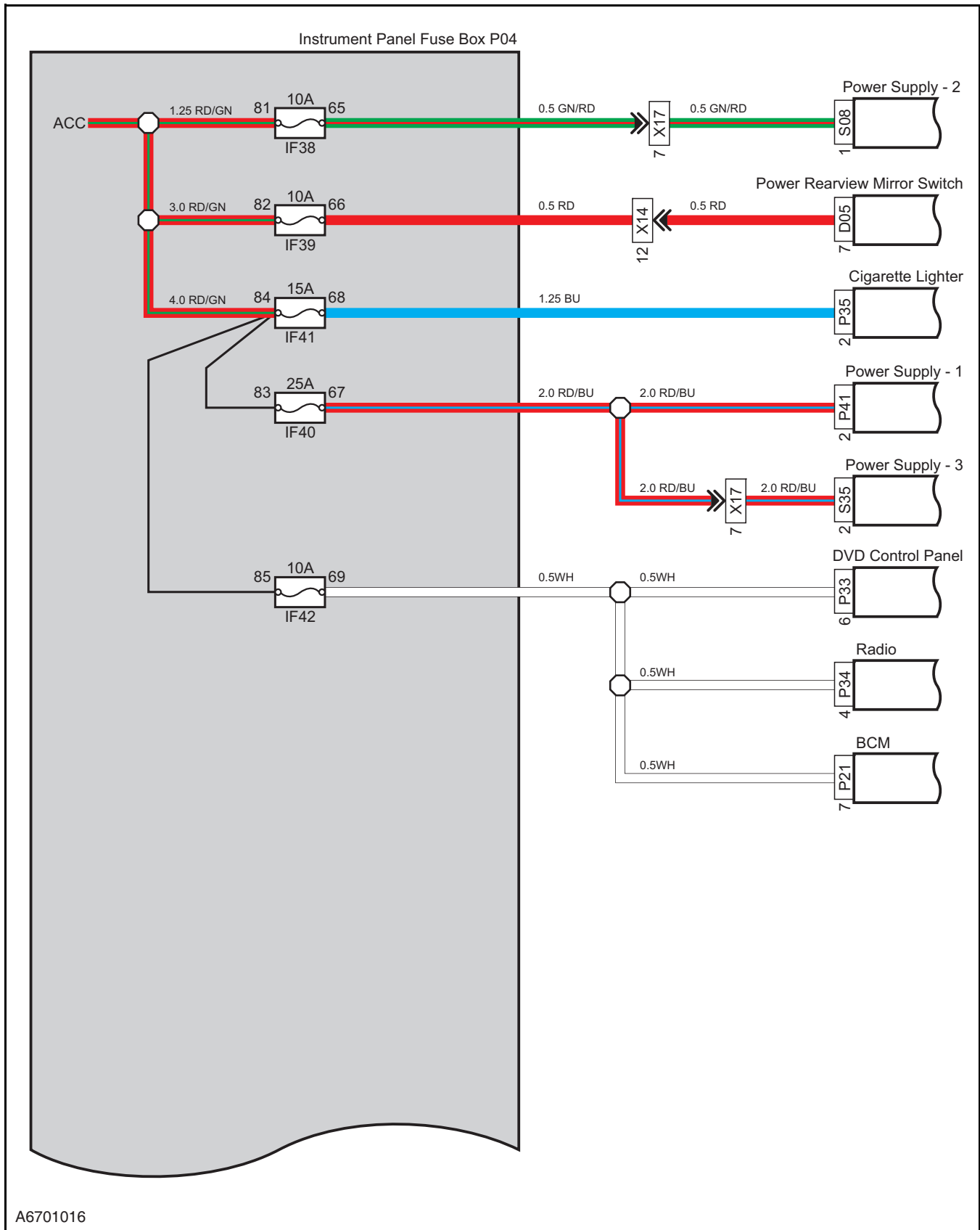
A6701014

IF02 IF05 IF06 ER16

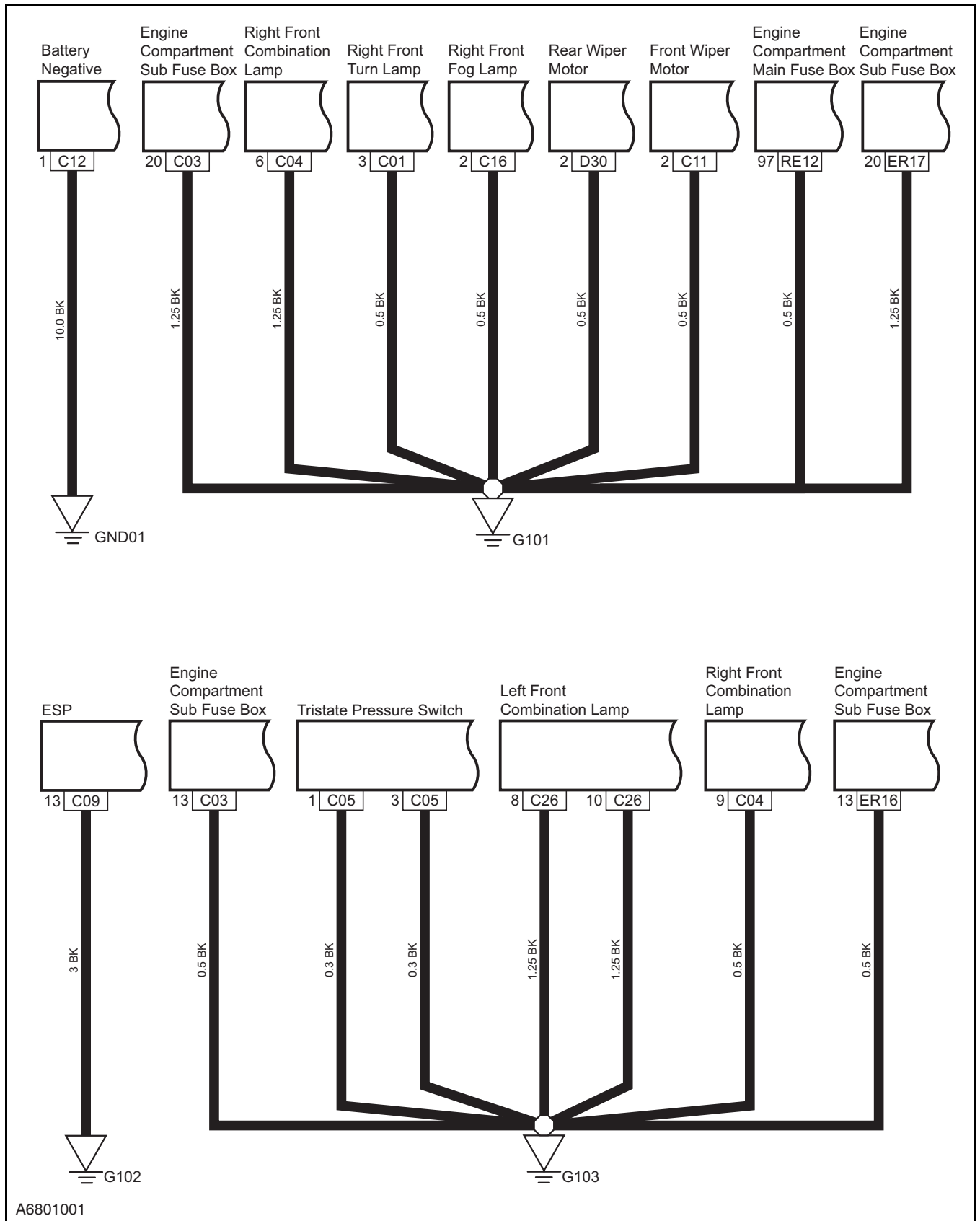


A6701015

IF38 IF39 IF40 IF41 IF42

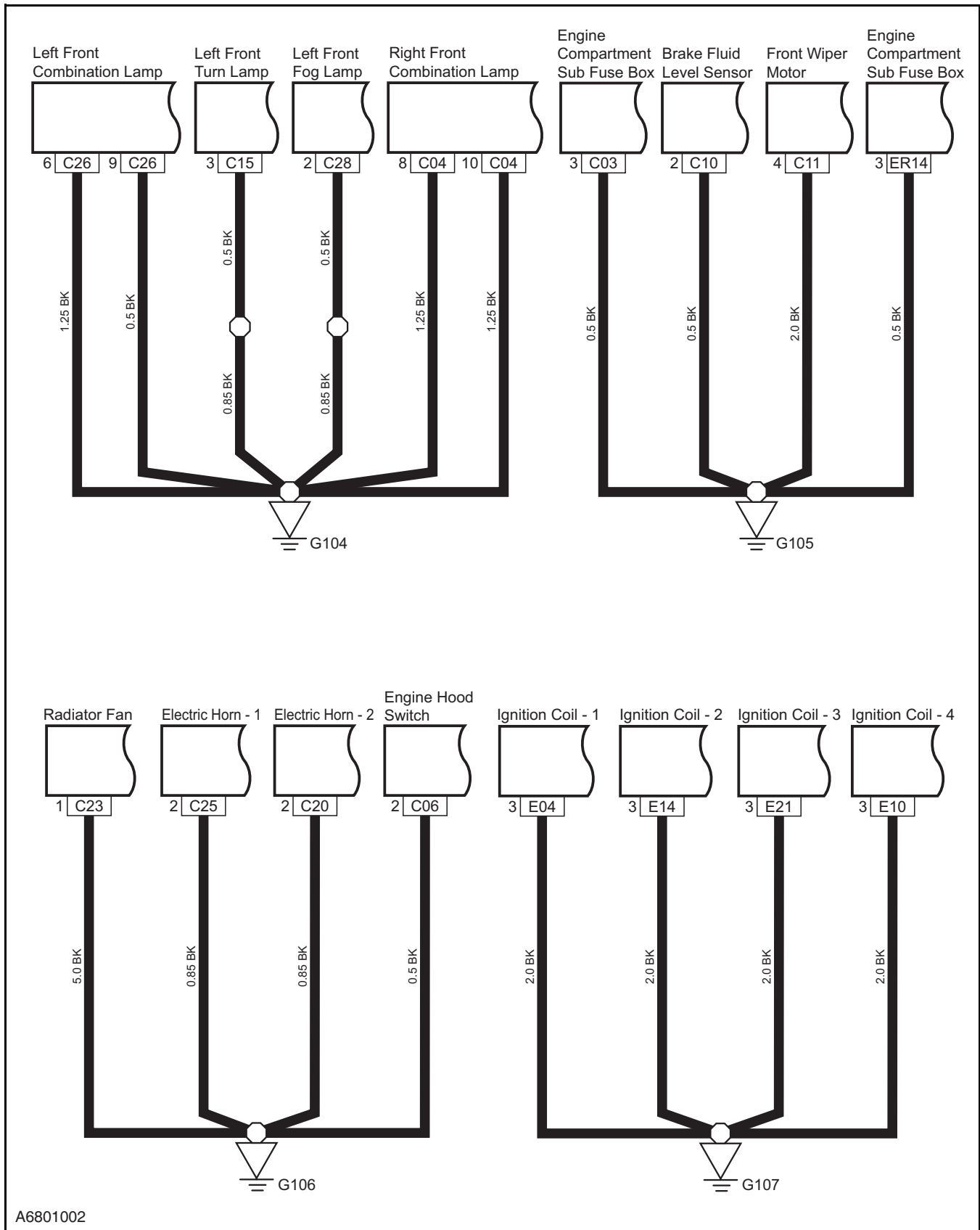


GND01 G101 G102 G103

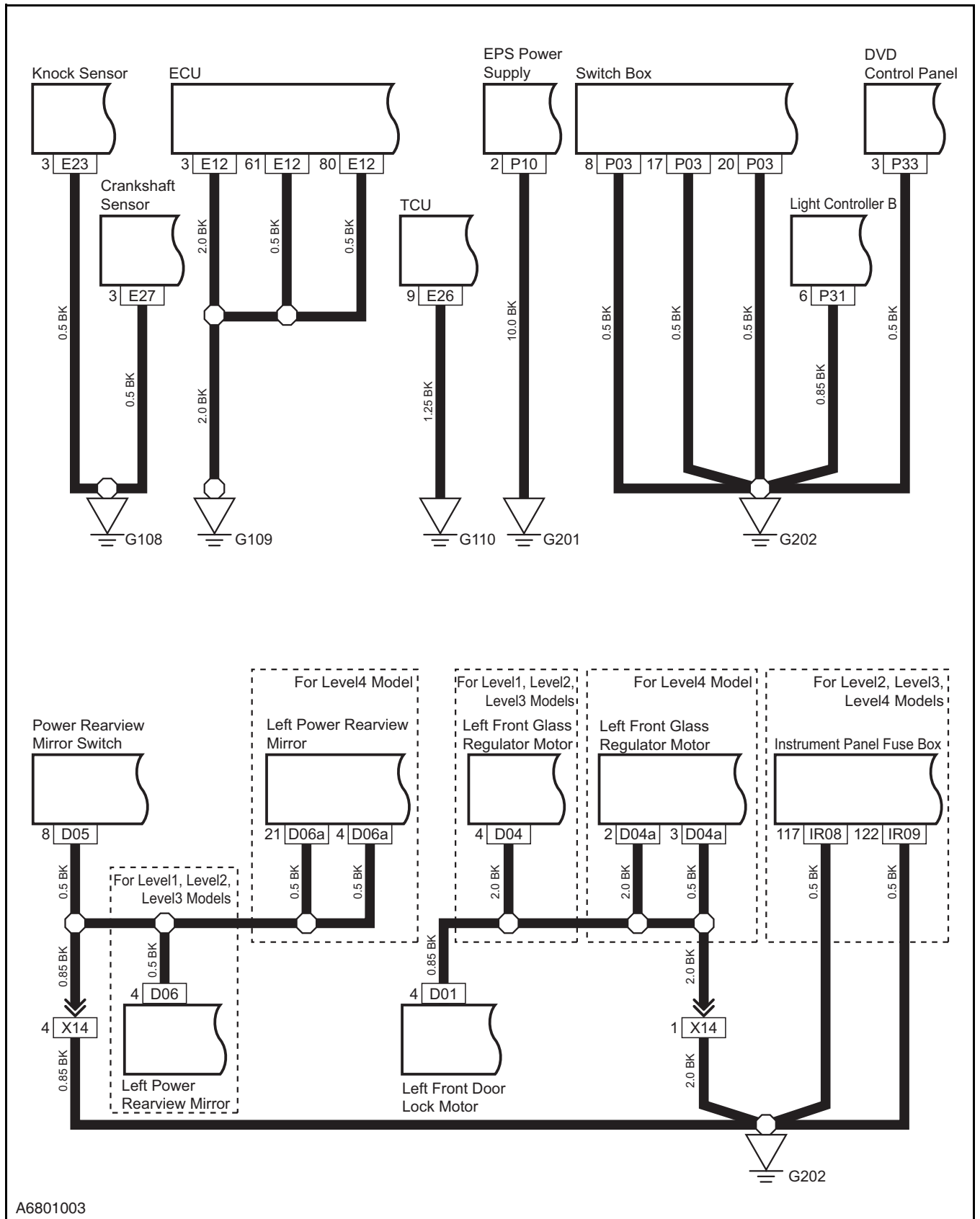


A6801001

G104 G105 G106 G107

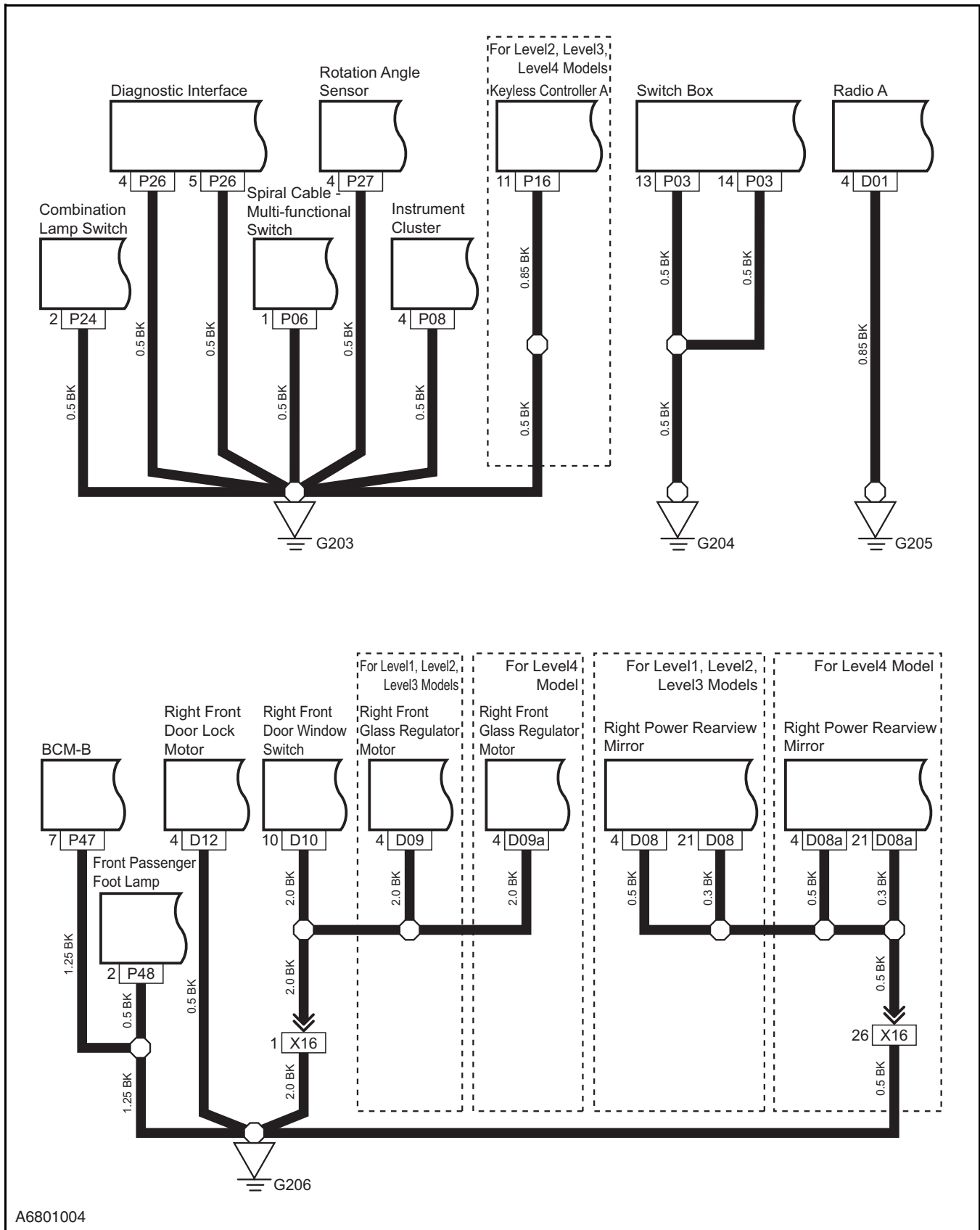


G108 G109 G110 G201 G202

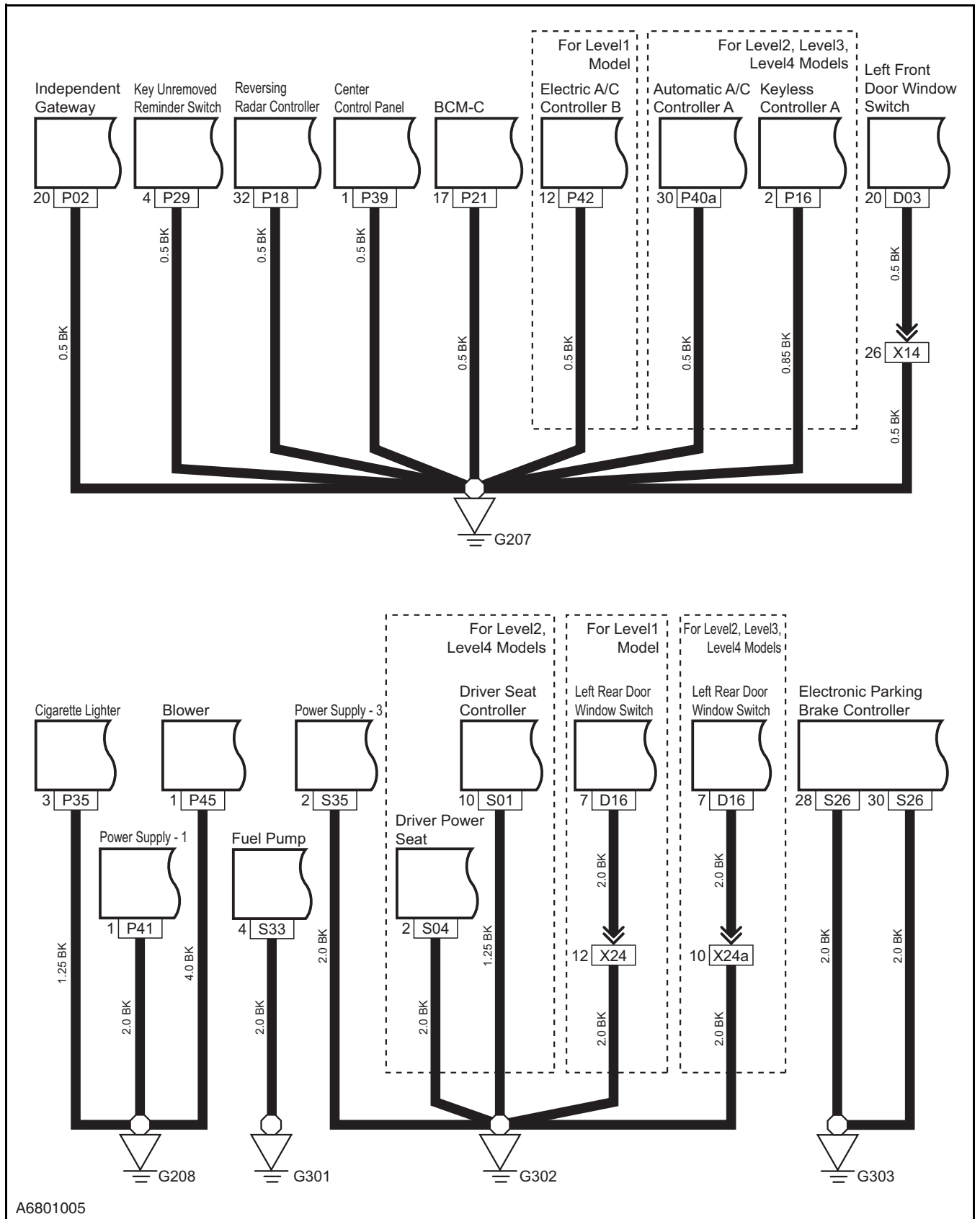


A6801003

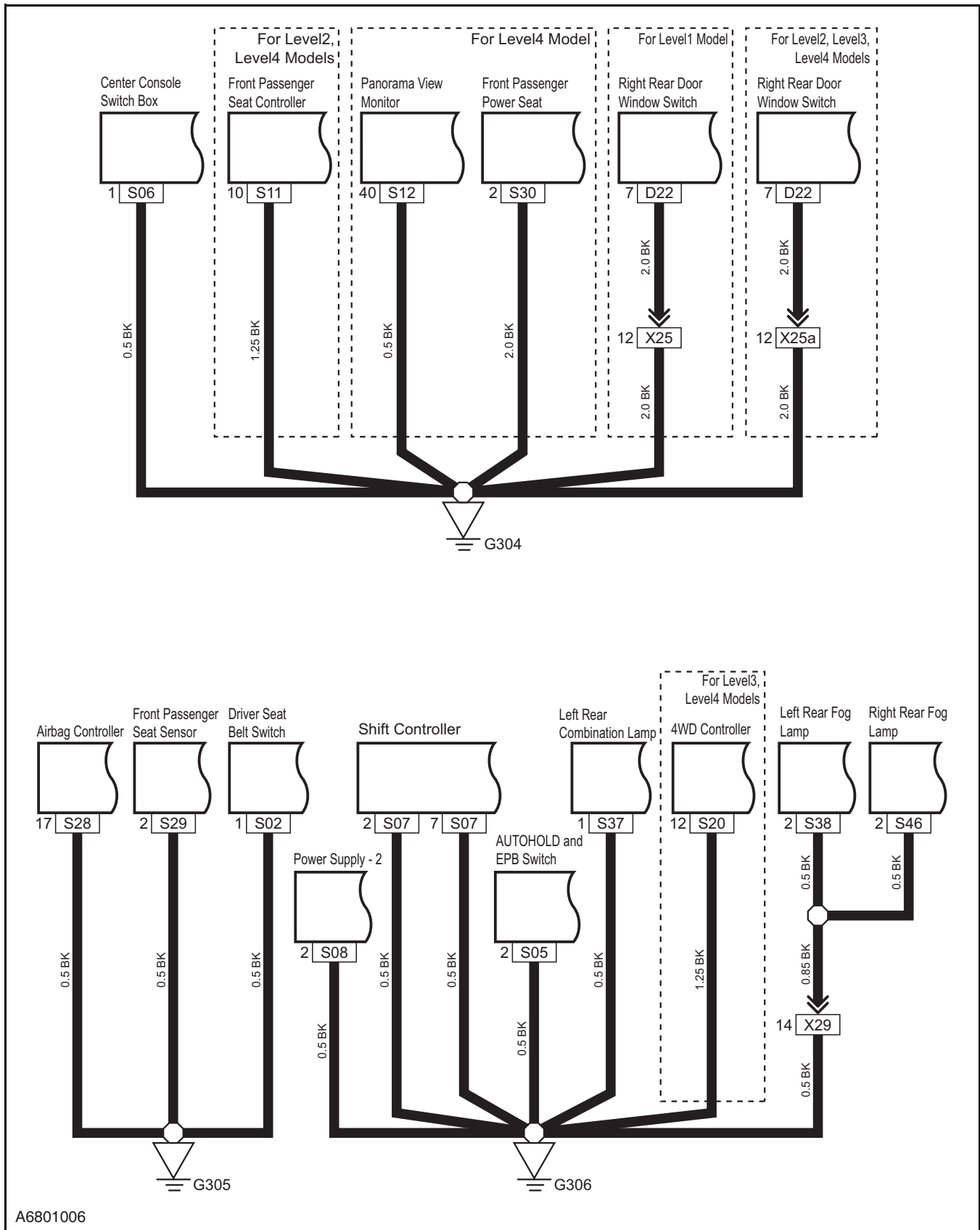
G203 G204 G205 G206



G207 G208 G301 G302 G303

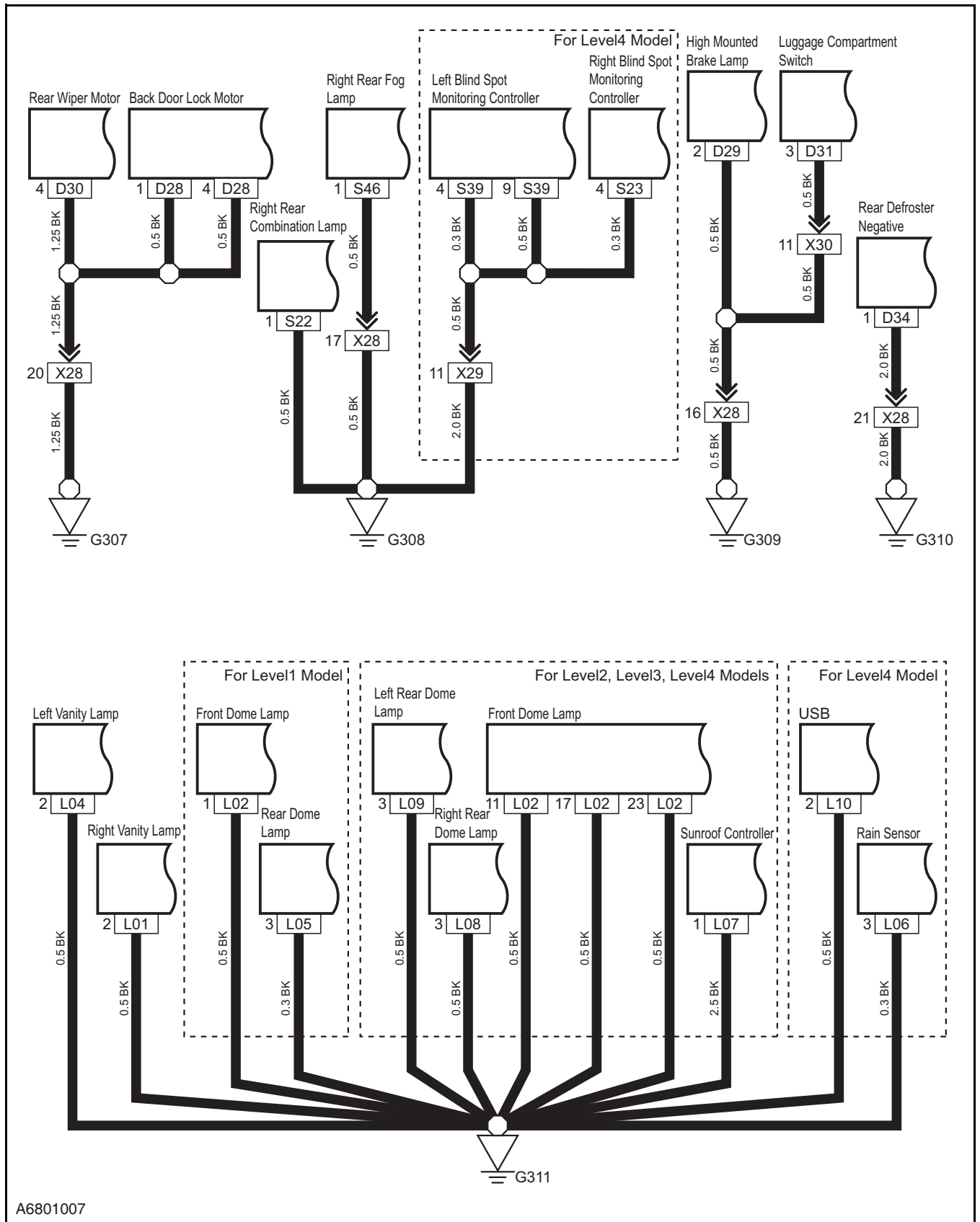


G304 G305 G306



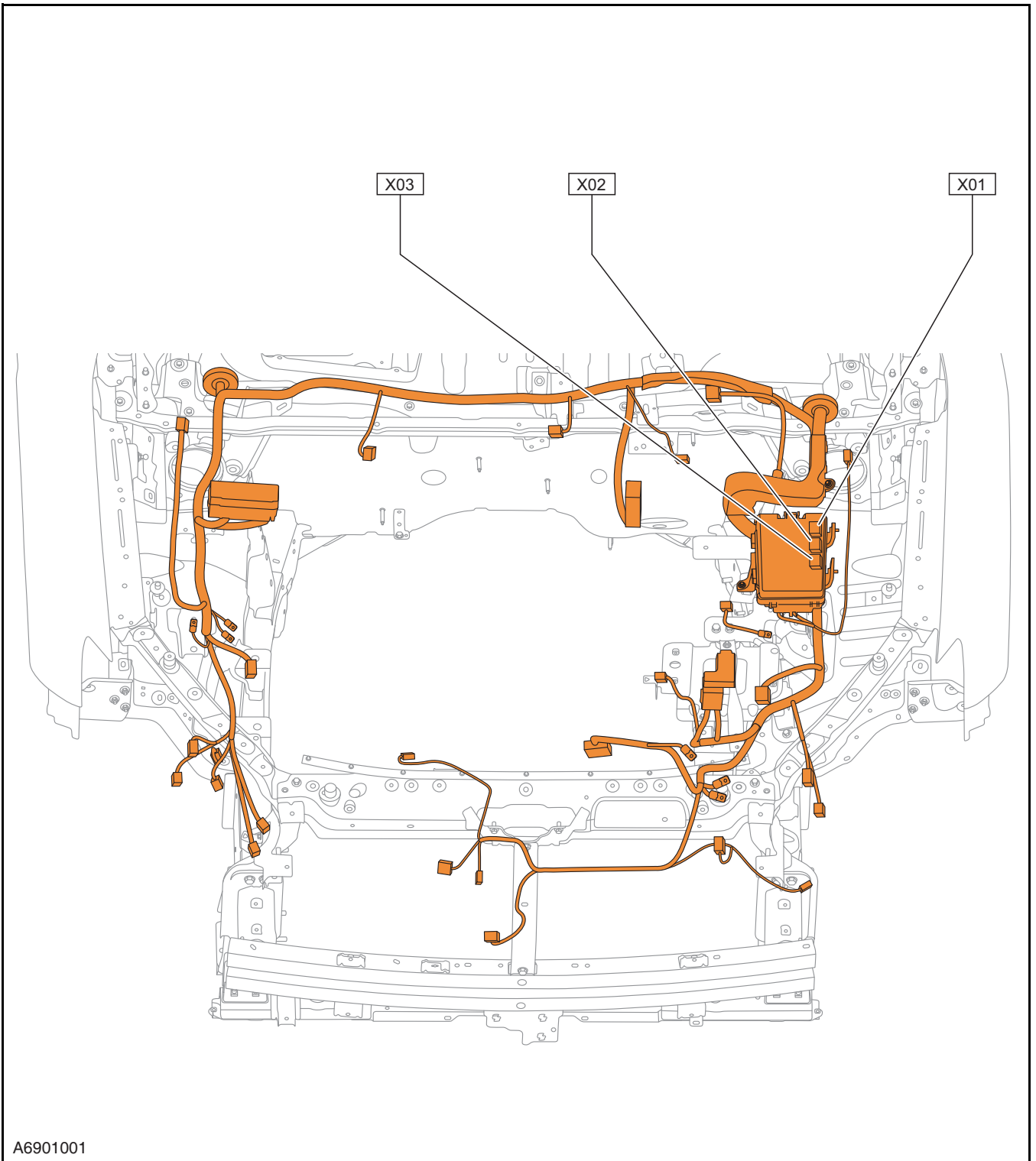
A6801006

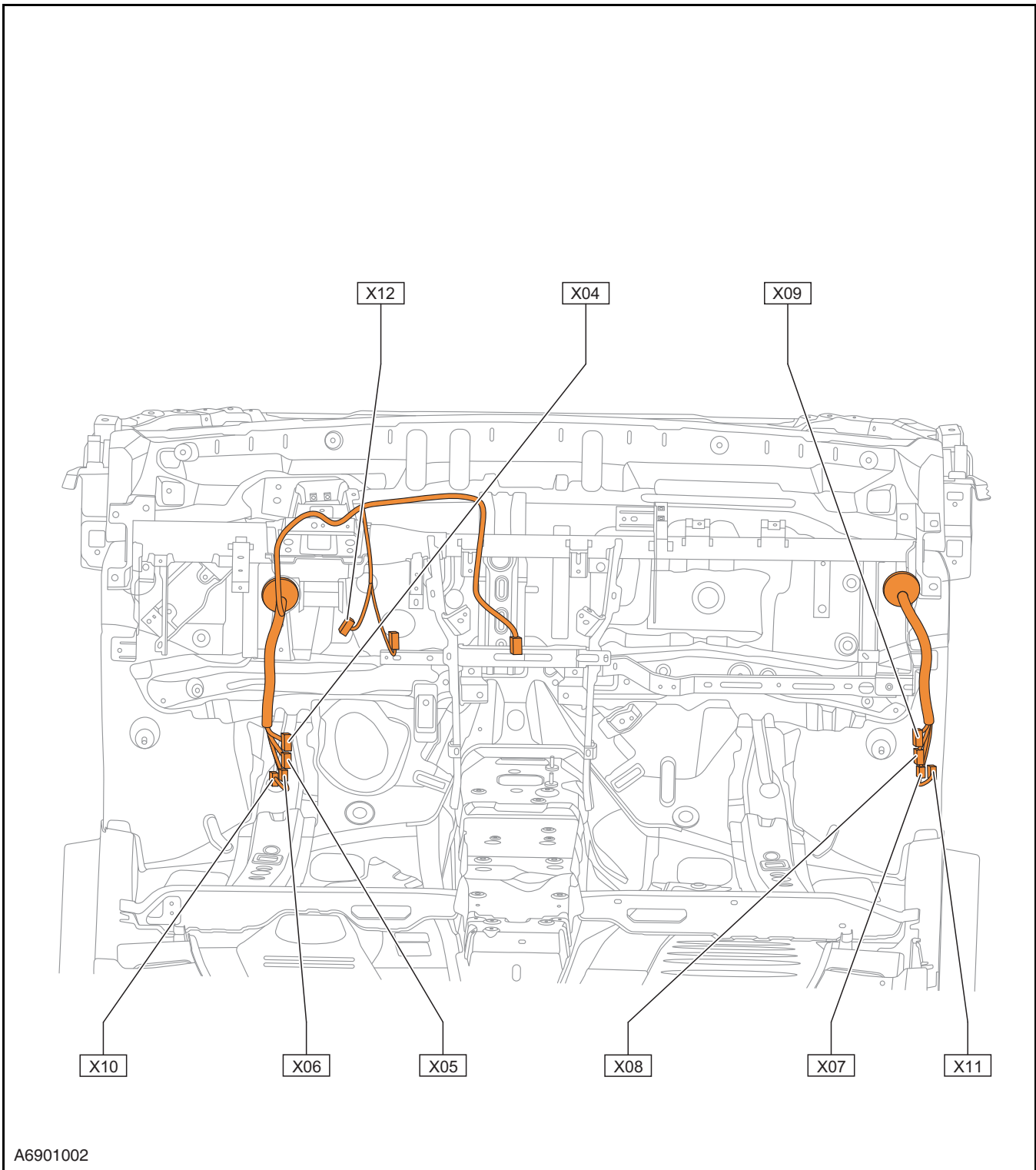
G307 G308 G309 G310 G311

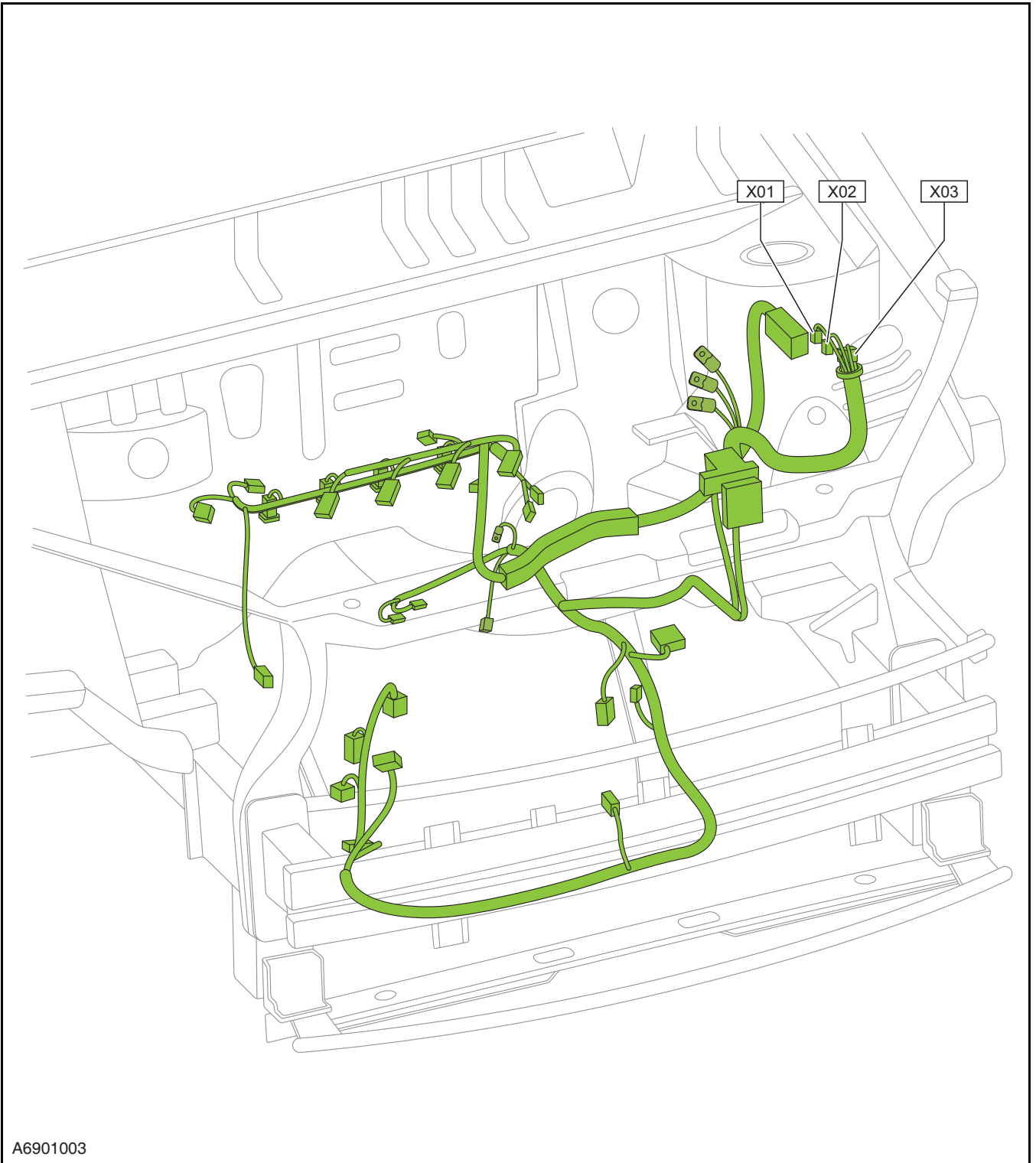


A6801007

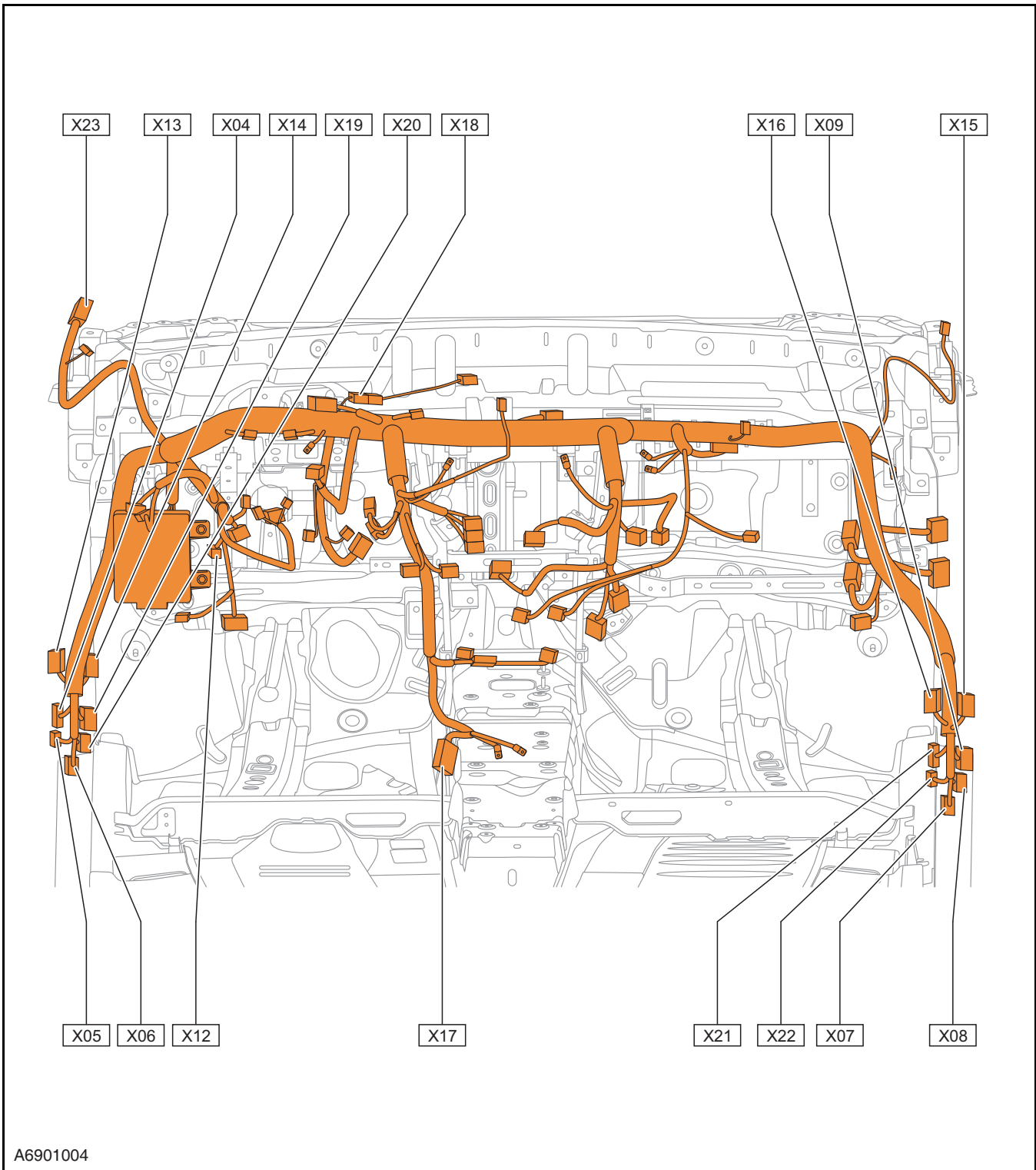
Wiring Harness to Wiring Harness (X--)



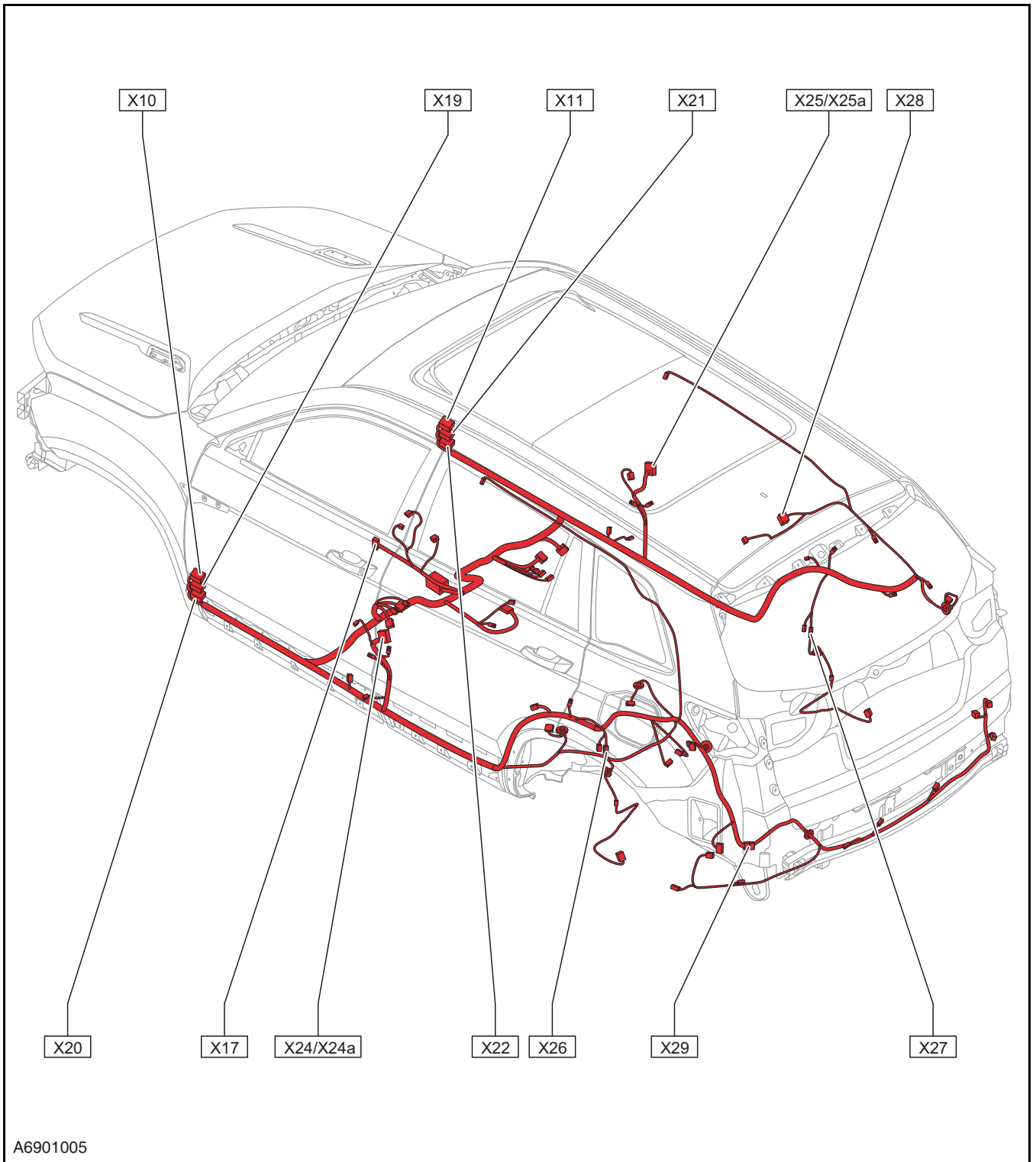


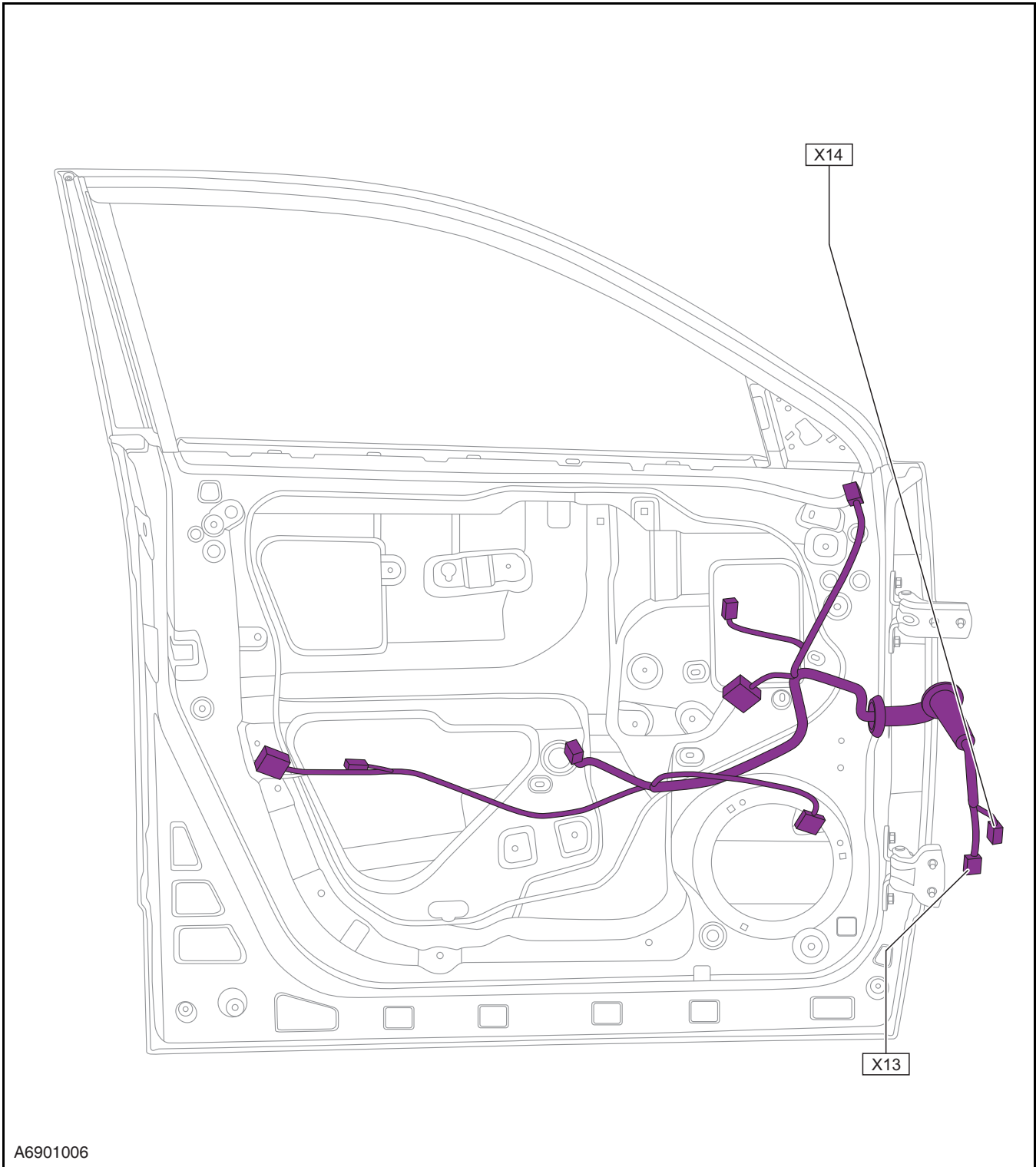


A6901003

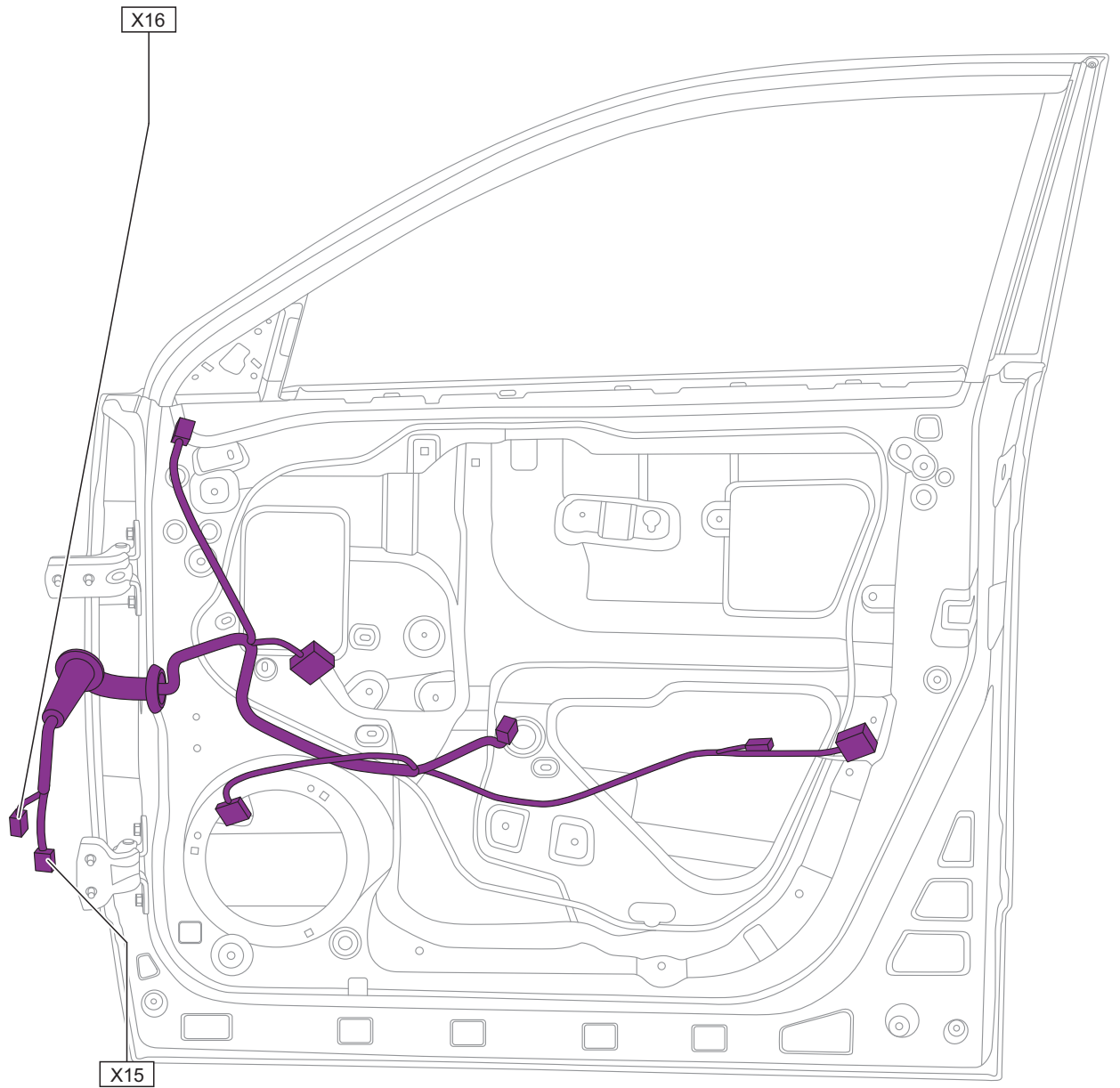


A6901004

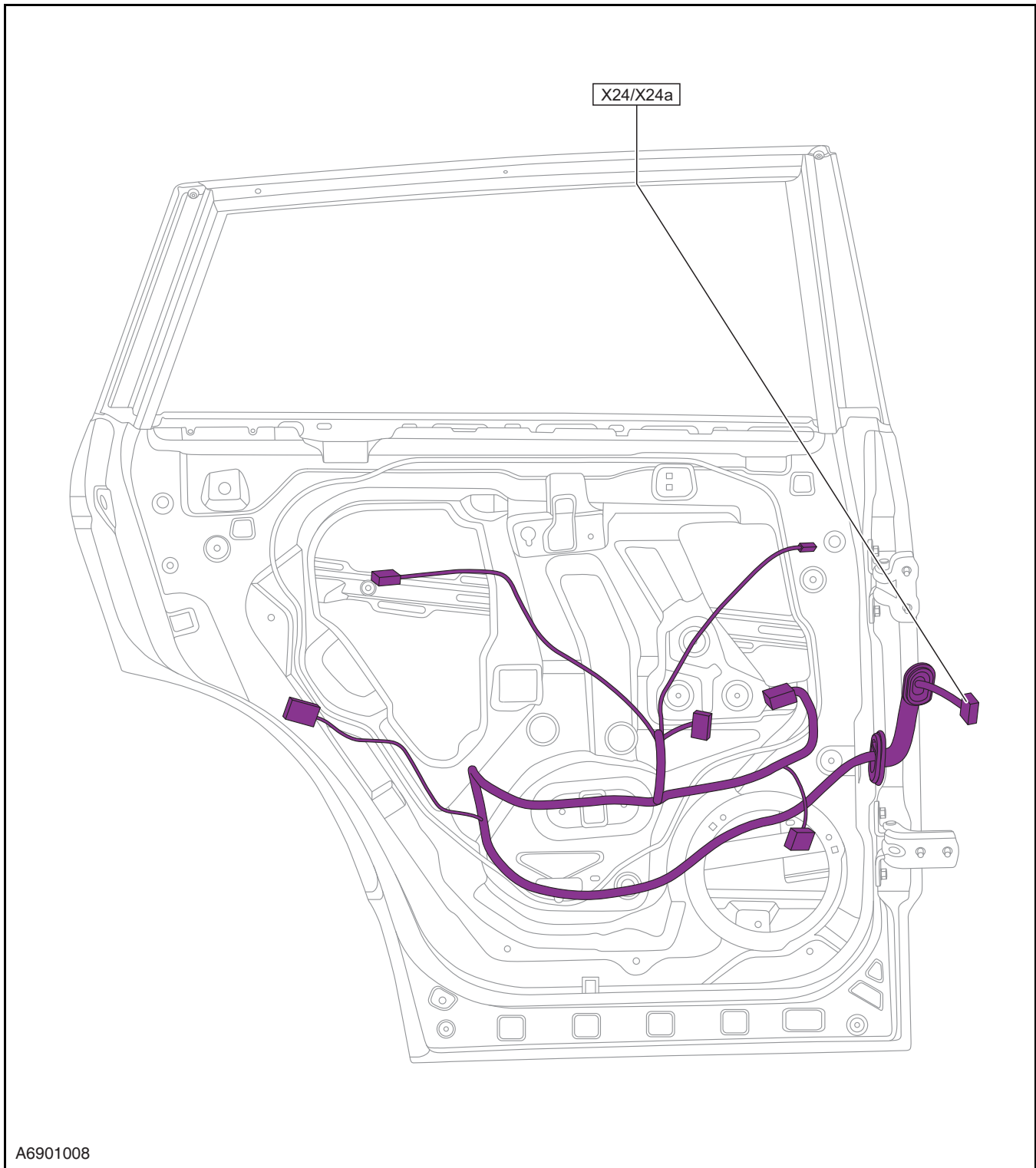




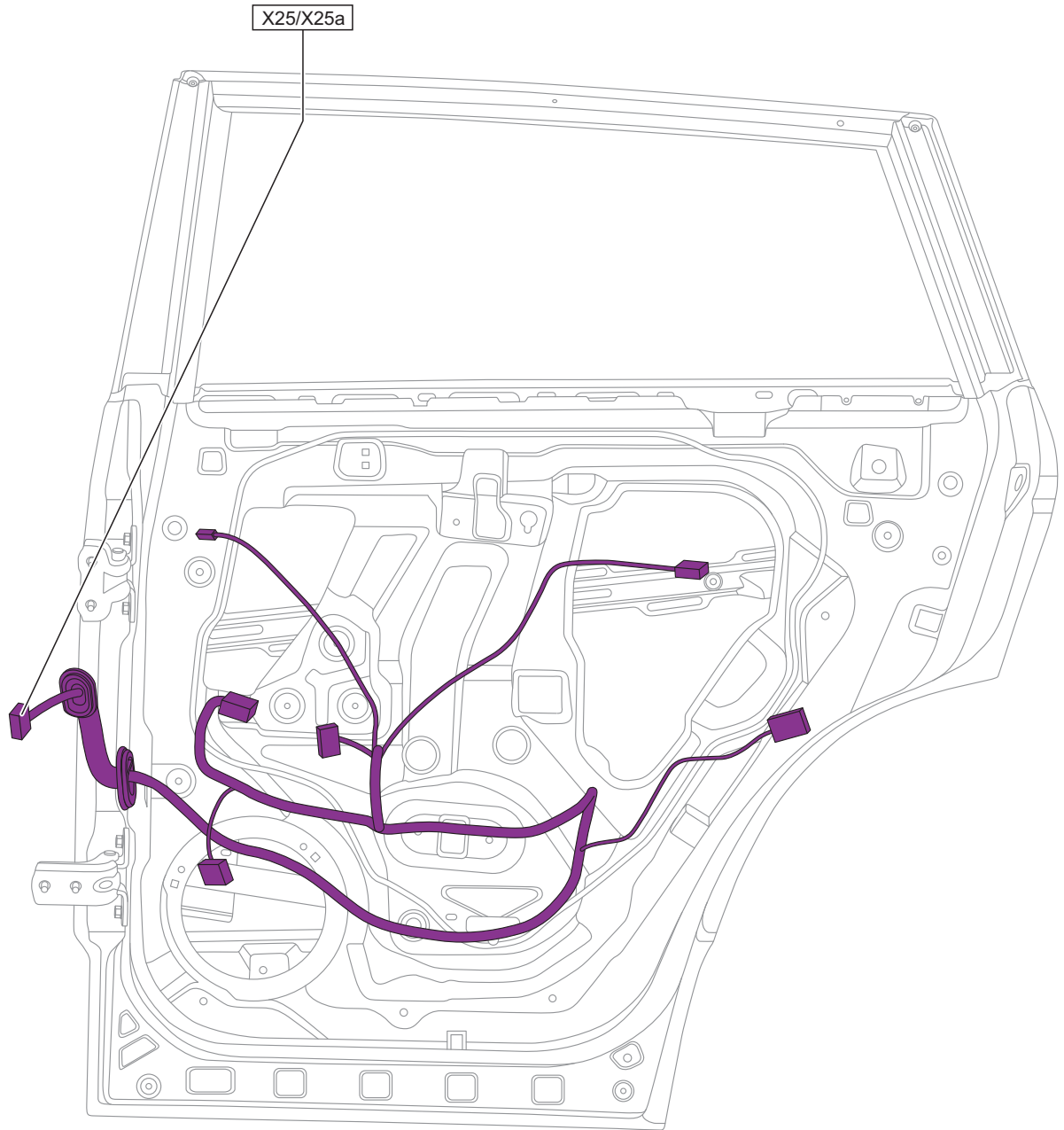
A6901006



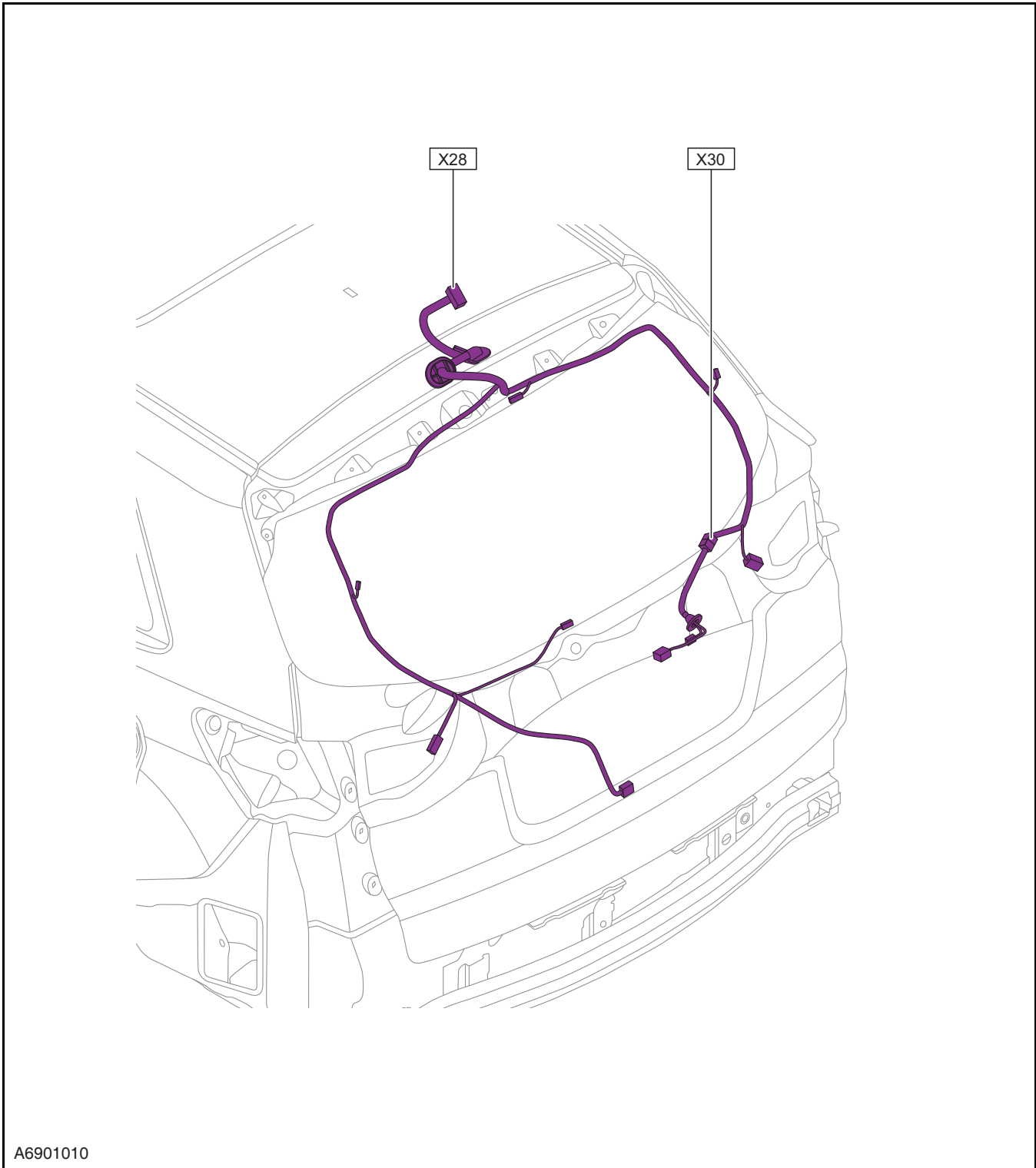
A6901007



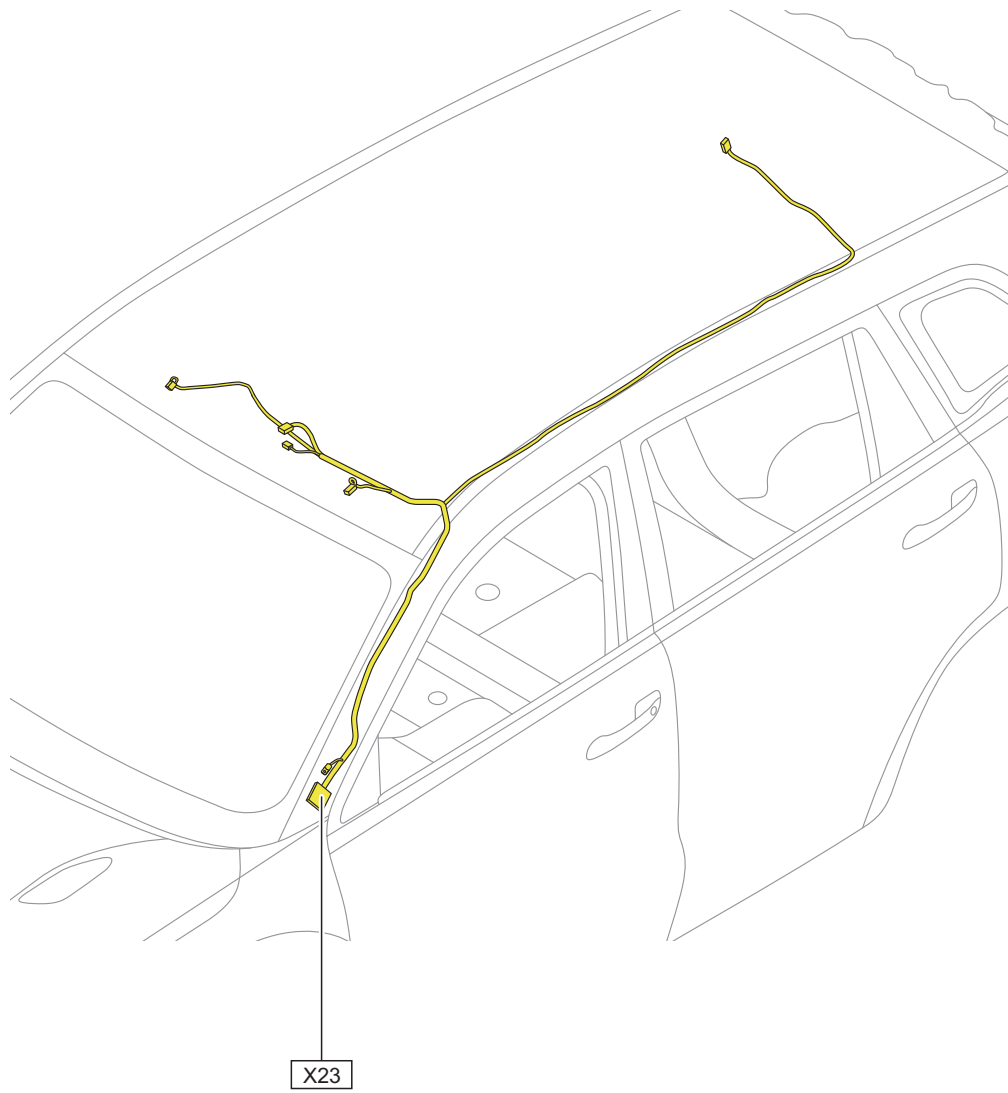
A6901008



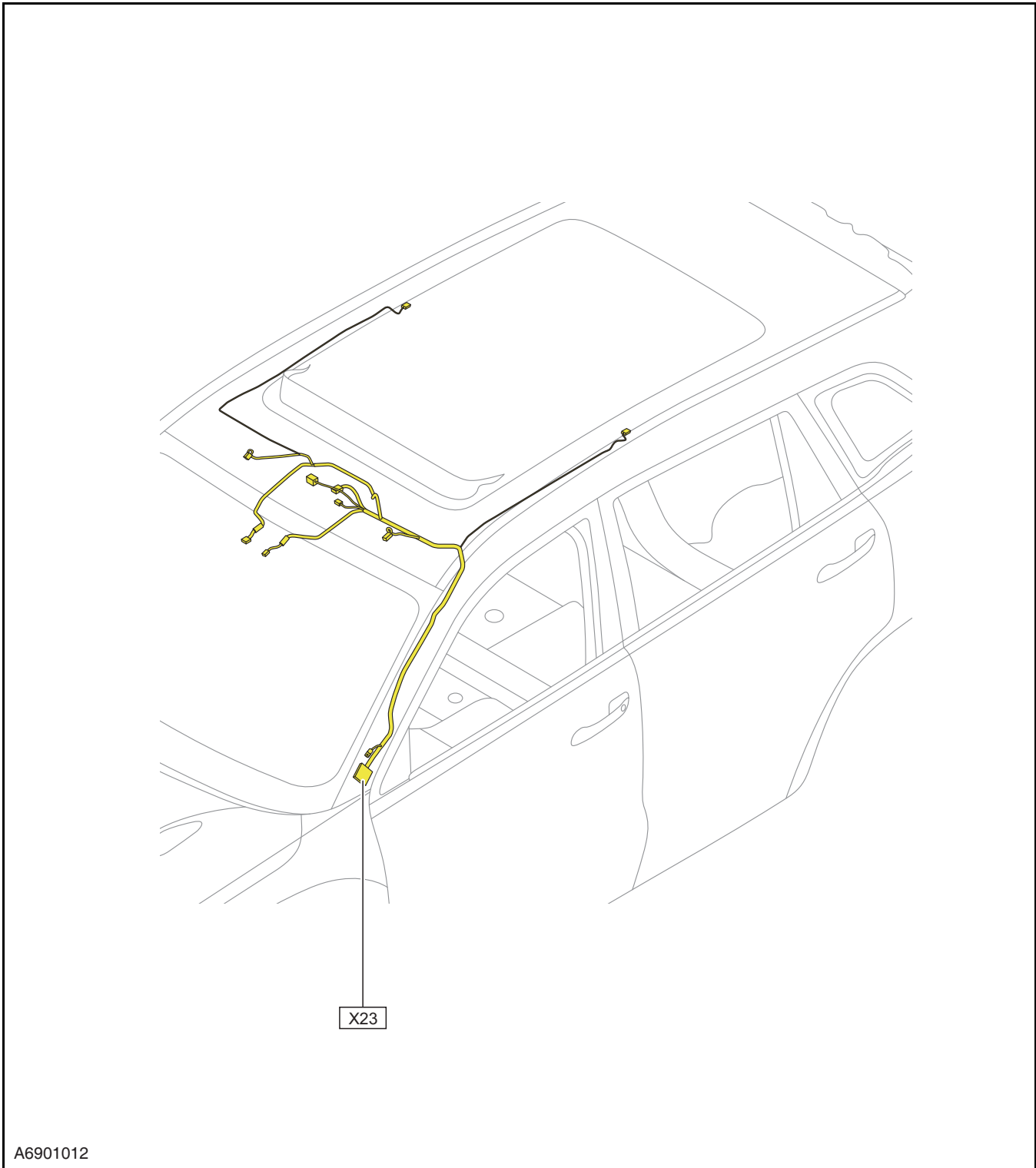
A6901009



A6901010



A6901011



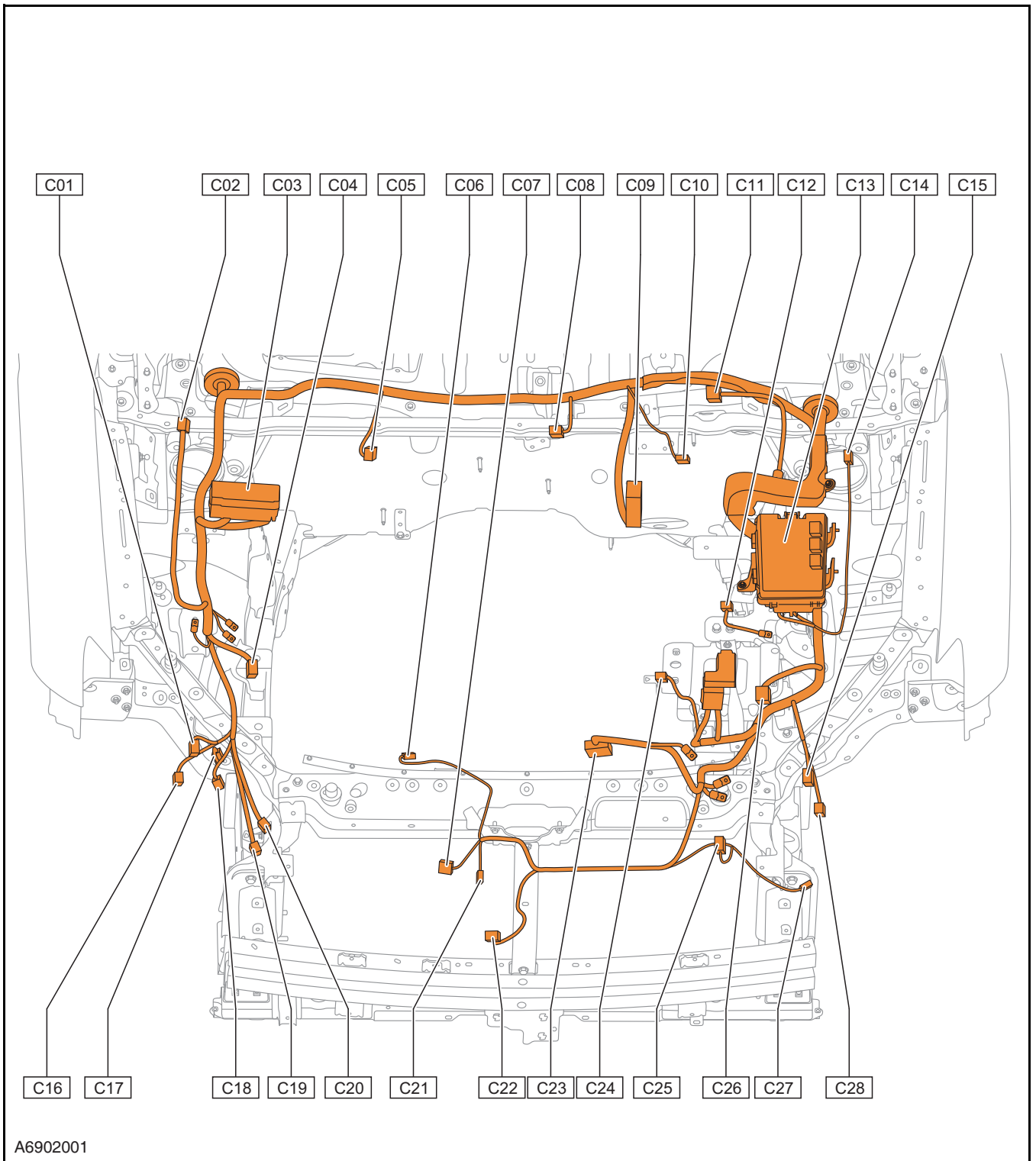
A6901012

Connector Joining Wiring Harness and Wiring Harness (X) Chart

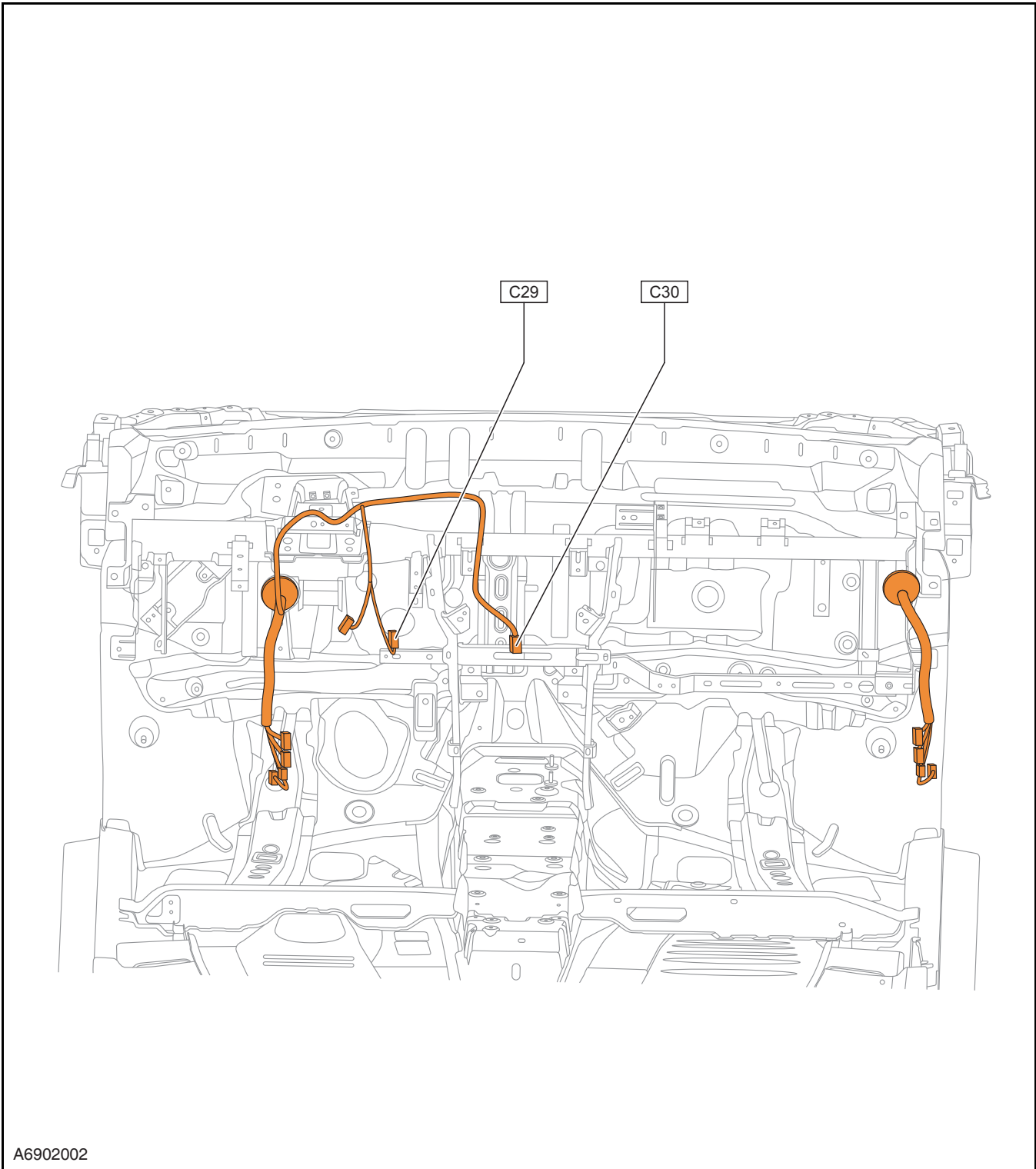
A Connector Name	B Connector Name	Definition	Note
Engine Wiring Harness to Engine Compartment Fuse Box - 1	Engine Compartment Fuse Box to Engine Wiring Harness - 1	X01	-
Engine Wiring Harness to Engine Compartment Fuse Box - 2	Engine Compartment Fuse Box to Engine Wiring Harness - 2	X02	-
Engine Wiring Harness to Engine Compartment Fuse Box - 3	Engine Compartment Fuse Box to Engine Wiring Harness - 3	X03	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 1	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 1	X04	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 2	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 2	X05	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Left 3	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Left 3	X06	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Right 1	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Right 1	X07	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Right 2	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Right 2	X08	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness - Right 3	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness - Right 3	X09	-
Chassis Wiring Harness to Engine Compartment Wiring Harness - Left	Engine Compartment Wiring Harness to Chassis Wiring Harness - Left	X10	-
Chassis Wiring Harness to Engine Compartment Wiring Harness - Right	Engine Compartment Wiring Harness to Chassis Wiring Harness - Right	X11	-
Instrument Panel Wiring Harness to Engine Compartment Wiring Harness	Engine Compartment Wiring Harness to Instrument Panel Wiring Harness	X12	-
Instrument Panel Wiring Harness to Left Front Door Wiring Harness - 1	Left Front Door Wiring Harness to Instrument Panel Wiring Harness - 1	X13	-
Instrument Panel Wiring Harness to Left Front Door Wiring Harness - 2	Left Front Door Wiring Harness to Instrument Panel Wiring Harness - 2	X14	-
Instrument Panel Wiring Harness to Right Front Door Wiring Harness - 1	Right Front Door Wiring Harness to Instrument Panel Wiring Harness - 1	X15	-
Instrument Panel Wiring Harness to Right Front Door Wiring Harness - 2	Right Front Door Wiring Harness to Instrument Panel Wiring Harness - 2	X16	-

A Connector Name	B Connector Name	Definition	Note
Chassis Wiring Harness to Instrument Panel Wiring Harness - Center	Instrument Panel Wiring Harness to Chassis Wiring Harness - Center	X17	-
Instrument Panel Wiring Harness to Sunlight Sensor Wiring Harness	Sunlight Sensor Wiring Harness to Instrument Panel Wiring Harness	X18	-
Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 1	Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 1	X19	-
Chassis Wiring Harness to Instrument Panel Wiring Harness - Left 2	Instrument Panel Wiring Harness to Chassis Wiring Harness - Left 2	X20	-
Chassis Wiring Harness to Instrument Panel Wiring Harness - Right 1	Instrument Panel Wiring Harness to Chassis Wiring Harness - Right 1	X21	-
Chassis Wiring Harness to Instrument Panel Wiring Harness - Right 2	Instrument Panel Wiring Harness to Chassis Wiring Harness - Right 2	X22	-
Roof Wiring Harness to Instrument Panel Wiring Harness	Instrument Panel Wiring Harness to Roof Wiring Harness	X23	-
Left Rear Door Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Left Rear Door Wiring Harness	X24	For Level1 Model
Left Rear Door Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Left Rear Door Wiring Harness	X24a	For Level2, Level3, Level4 Models
Right Rear Door Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Right Rear Door Wiring Harness	X25	For Level1 Model
Right Rear Door Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Right Rear Door Wiring Harness	X25a	For Level2, Level3, Level4 Models
Chassis Wiring Harness to Electronic Parking Brake Wiring Harness - Left	Electronic Parking Brake Wiring Harness to Chassis Wiring Harness - Left	X26	-
Chassis Wiring Harness to Electronic Parking Brake Wiring Harness - Right	Electronic Parking Brake Wiring Harness to Chassis Wiring Harness - Right	X27	-
Back Door Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Back Door Wiring Harness	X28	-
Rear Bumper Wiring Harness to Chassis Wiring Harness	Chassis Wiring Harness to Rear Bumper Wiring Harness	X29	-
Back Door Wiring Harness to License Plate Lamp Wiring Harness	License Plate Lamp Wiring Harness to Back Door Wiring Harness	X30	-

Engine Compartment Wiring Harness (C--)



A6902001

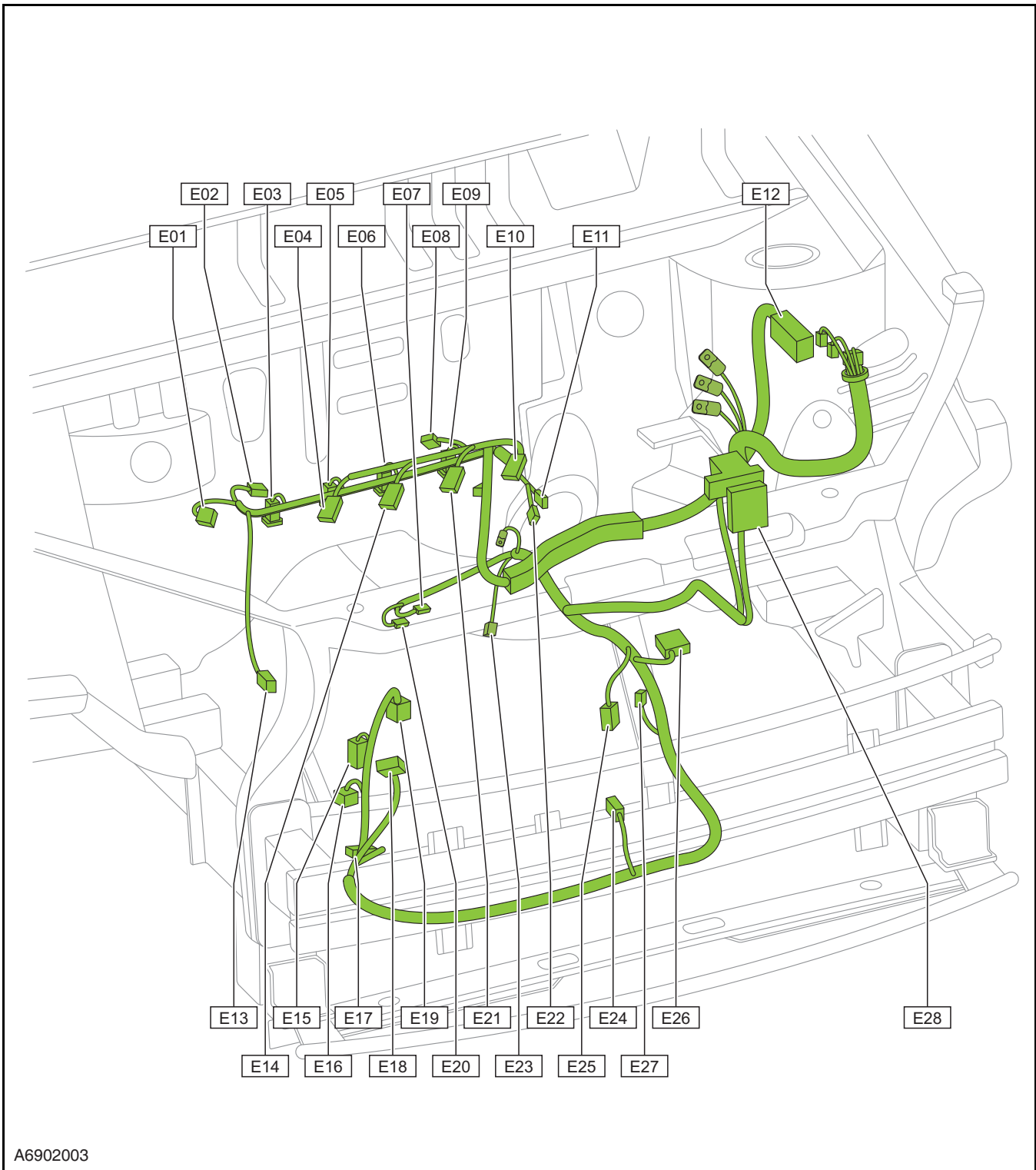


A6902002

Engine Compartment Wiring Harness Connector (C) Definition List

Connector Name	Definition
Right Front Turn Lamp	C01
Right Front Wheel Speed Sensor	C02
Engine Compartment Sub Fuse Box	C03
Right Front Combination Lamp	C04
Tristate Pressure Switch	C05
Engine Hood Switch	C06
Intercooler Pressure Sensor	C07
Brake Vacuum Sensor	C08
ESP	C09
Brake Fluid Level Sensor	C10
Front Wiper Motor	C11
Battery Negative	C12
Engine Compartment Main Fuse Box	C13
Left Front Wheel Speed Sensor	C14
Left Front Turn Lamp	C15
Right Front Fog Lamp	C16
Rear Washer Motor	C17
Front Washer Motor	C18
Right Front Reversing Radar Sensor	C19
Electric Horn - 2	C20
Front Camera	C21
Outside Temperature Sensor	C22
Radiator Fan	C23
Discharge Control Valve	C24
Electric Horn - 1	C25
Left Front Combination Lamp	C26
Left Front Reversing Radar Sensor	C27
Left Front Fog Lamp	C28
Brake Switch	C29
Electronic Accelerator Pedal	C30

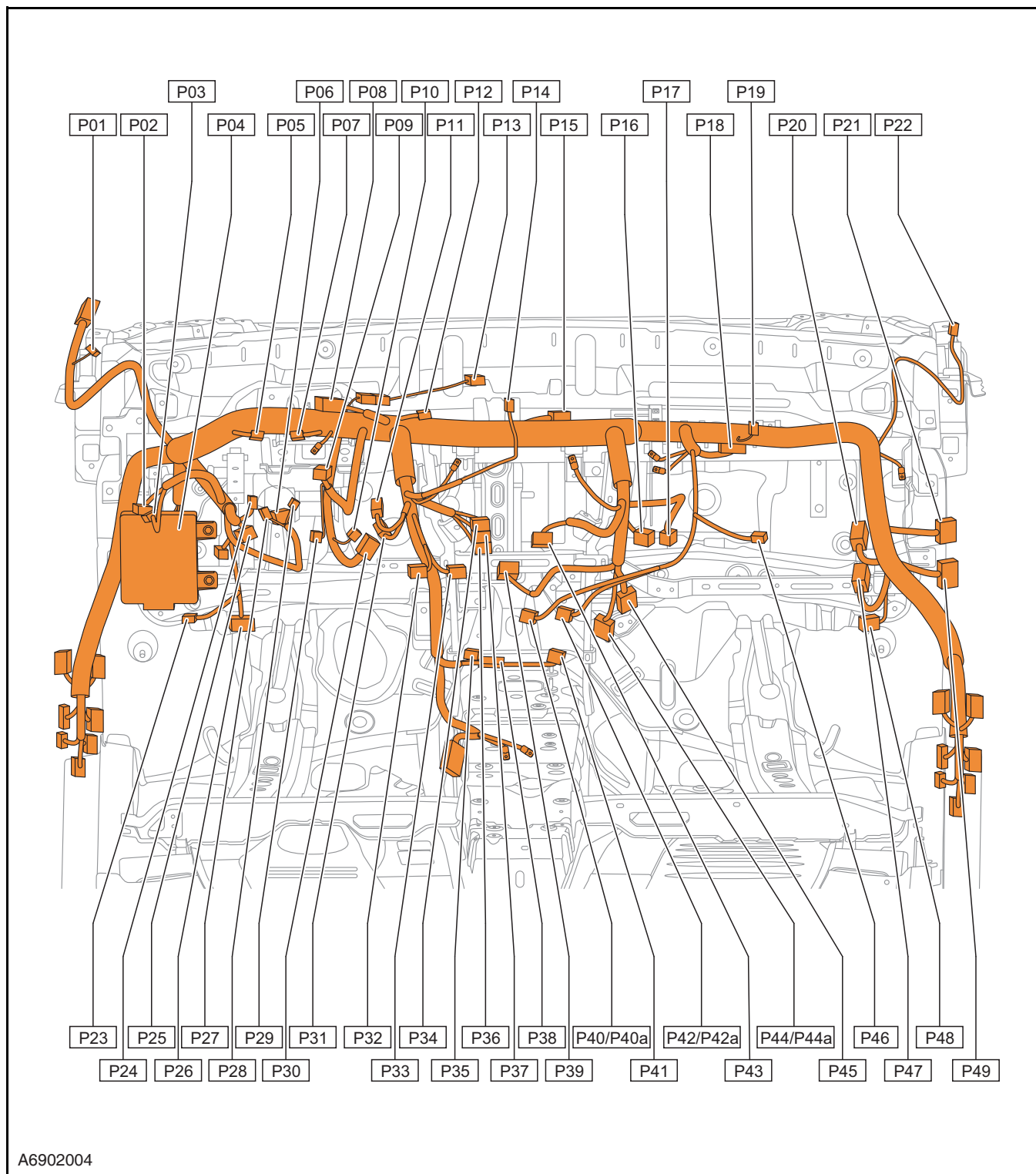
Engine Wiring Harness Connector (E--)



Engine Wiring Harness Connector (E) Definition List

Connector Name	Definition
Electronic Throttle	E01
Air Intake Pressure Sensor	E02
Fuel Injector - 1	E03
Ignition Coil - 1	E04
Fuel Injector - 2	E05
Fuel Injector - 3	E06
Starting Motor Clutch	E07
Canister Control Valve	E08
Fuel Injector - 4	E09
Ignition Coil - 4	E10
Camshaft Sensor	E11
ECU	E12
Engine Oil Pressure Sensor	E13
Ignition Coil - 2	E14
Alternator - 2	E15
Front Oxygen Sensor	E16
Rear Oxygen Sensor	E17
Alternator - 1	E18
Compressor Clutch	E19
Starting Motor Power Supply	E20
Ignition Coil - 3	E21
Coolant Temperature Sensor	E22
Knock Sensor	E23
Exhaust Control Valve	E24
Electronic Thermostat	E25
TCU	E26
Crankshaft Sensor	E27
Battery Positive Fuse Box	E28

Instrument Panel Wiring Harness Connector (P--)

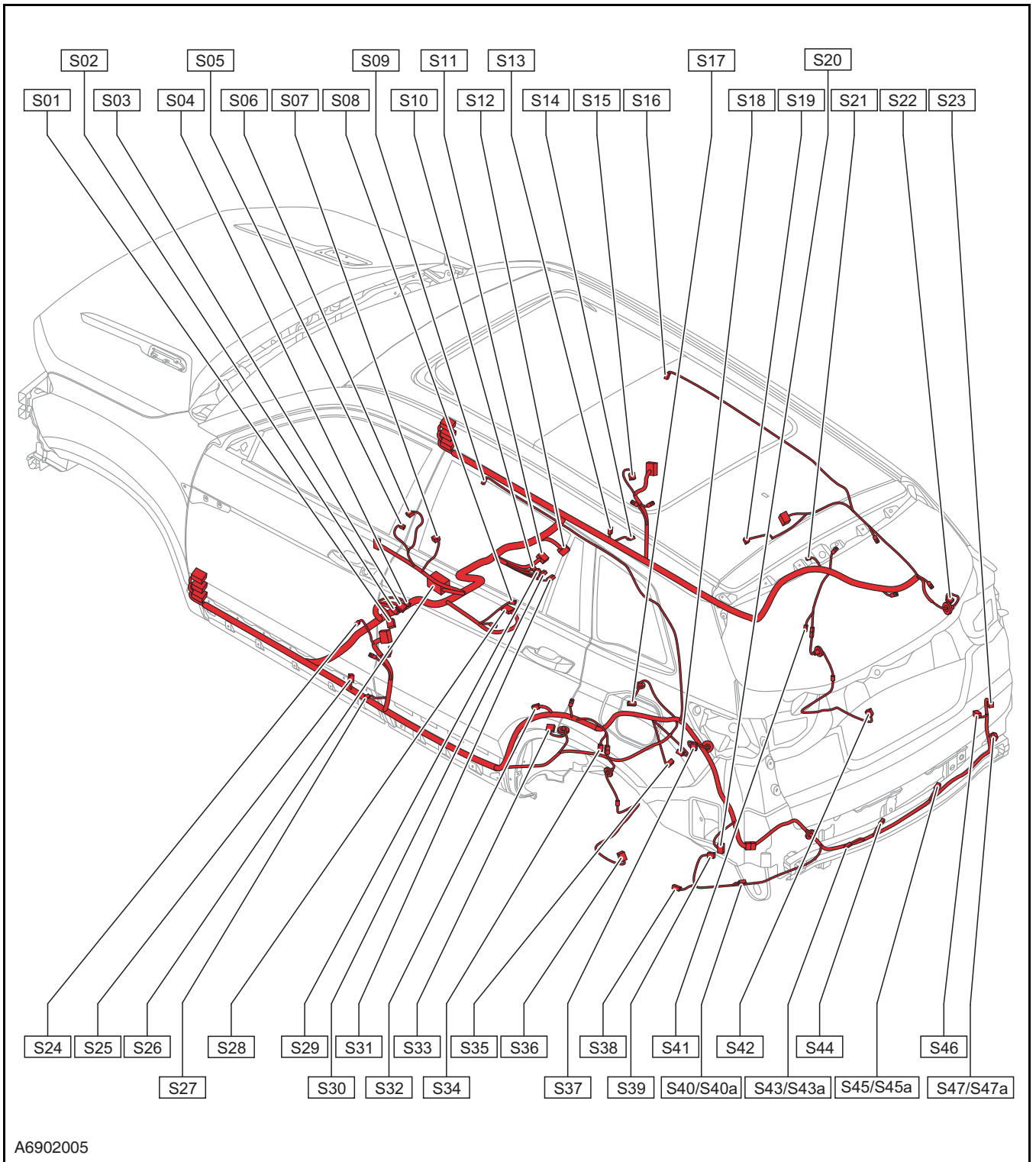


Instrument Panel Wiring Harness Connector (P) Definition List

Connector Name	Definition	Note
Left High Pitched Horn	P01	-
Independent Gateway	P02	-
Switch Box	P03	-
Instrument Panel Fuse Box	P04	-
Short Circuiter - 1	P05	-
Spiral Cable - Multi-functional Switch	P06	-
Short Circuiter - 2	P07	-
Instrument Cluster	P08	-
Wiper Combination Switch	P09	-
EPS Power Supply	P10	-
Light Controller A	P11	-
Short Circuiter - 3	P12	-
Sunlight Sensor	P13	-
Room Temperature Sensor	P14	-
Antenna Power Supply	P15	-
Keyless Controller A	P16	-
Keyless Controller B	P17	-
Reversing Radar Controller	P18	-
Front Passenger Airbag	P19	-
BCM-A	P20	-
BCM-C	P21	-
Right High Pitched Horn	P22	-
Driver Foot Lamp	P23	-
Combination Lamp Switch	P24	-
Ignition Switch	P25	For Level1 Model
Diagnostic Interface	P26	-
Rotation Angle Sensor	P27	-
Spiral Cable - Driver Airbag	P28	-
Key Unremoved Reminder Switch	P29	For Level1 Model
EPS Signal	P30	-
Light Controller B	P31	-
Start Switch	P32	For Level2, Level3, Level4 Models
DVD Control Panel	P33	-
Radio A	P34	-
Cigarette Lighter	P35	-
Radio C	P36	-

Connector Name	Definition	Note
Radio B	P37	-
Front Antenna	P38	-
Center Control Panel	P39	-
Electric A/C Controller A	P40	For Level1 Model
Automatic A/C Controller A	P40a	For Level2, Level3, Level4 Models
Power Supply - 1	P41	-
Electric A/C Controller B	P42	For Level1 Model
Automatic A/C Controller B	P42a	For Level2, Level3, Level4 Models
Radio D	P43	-
HVAC	P44	For Level1 Model
HVAC	P44a	For Level2, Level3, Level4 Models
Blower	P45	-
Glove Box Lamp	P46	-
BCM-B	P47	-
Front Passenger Foot Lamp	P48	-
BCM-D	P49	-

Chassis Wiring Harness Connector (S--)

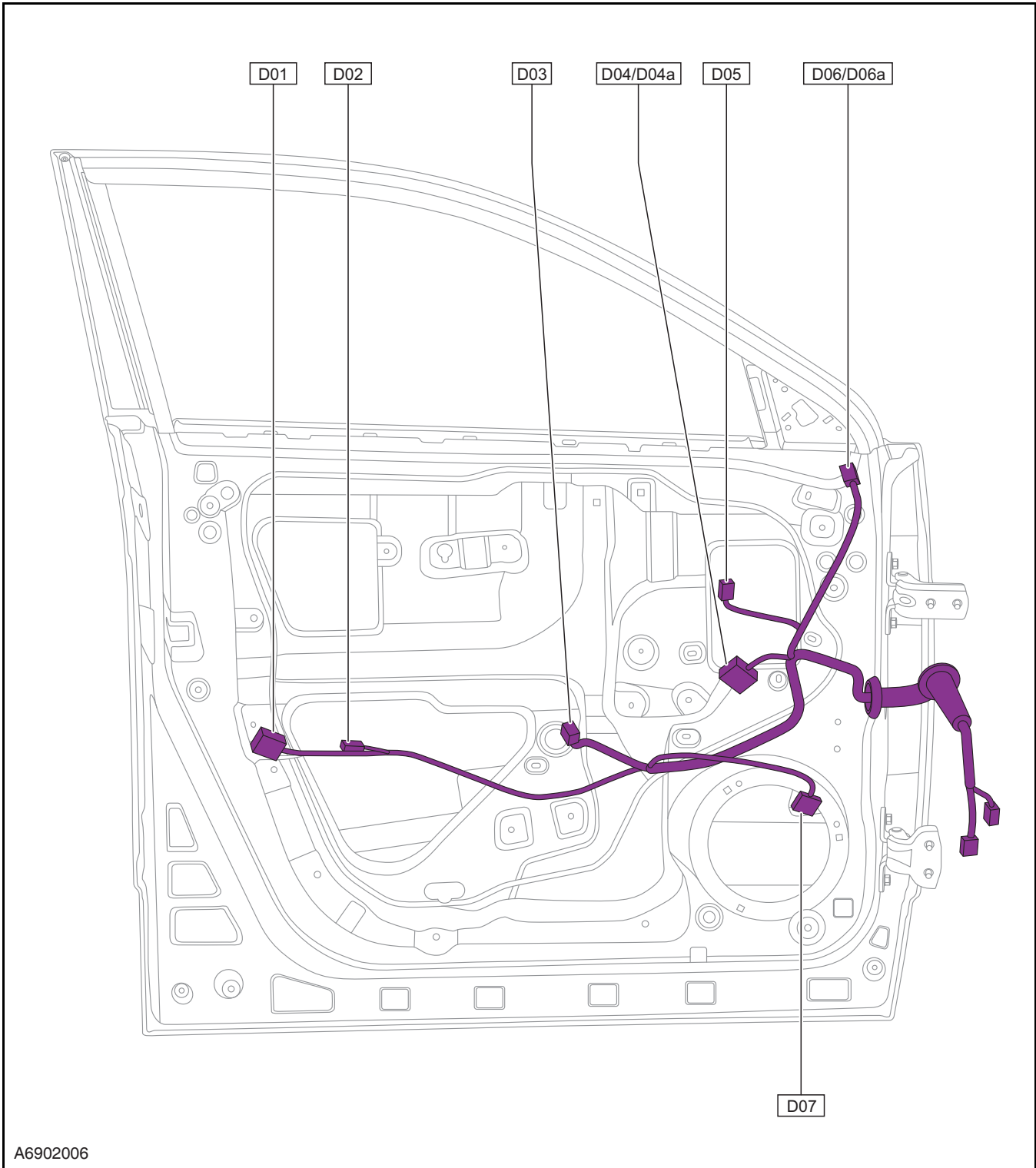


Chassis Wiring Harness Connector (S) Definition List

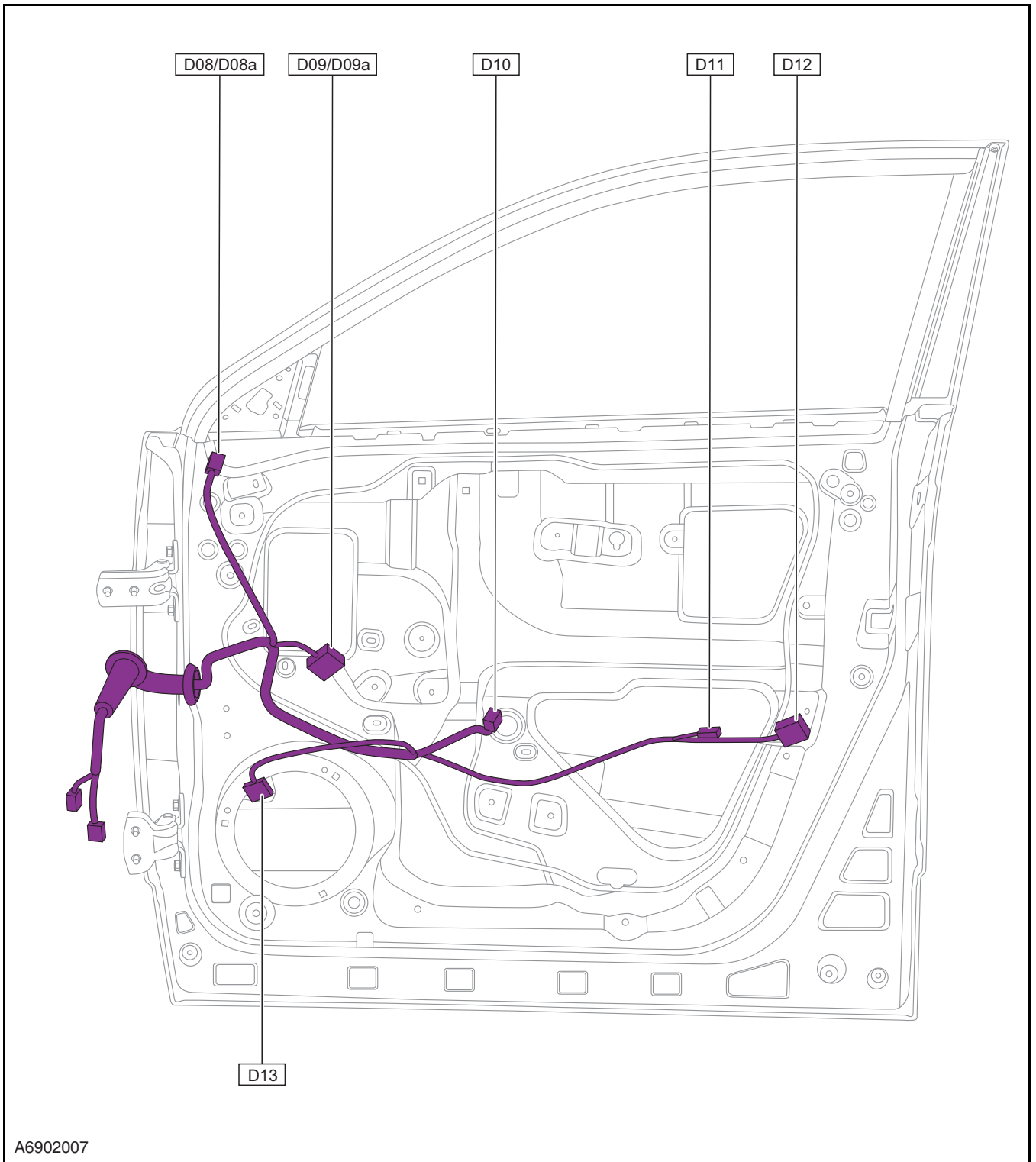
Connector Name	Definition	Note
Driver Seat Controller	S01	-
Driver Seat Belt Switch	S02	-
Driver Side Airbag	S03	-
Driver Power Seat	S04	-
AUTOHOLD and EPB Switch	S05	-
Center Console Switch Box	S06	-
Shift Controller	S07	-
Power Supply - 2	S08	-
Left Side Curtain Shield Airbag	S09	-
Front Passenger Side Airbag	S10	-
Front Passenger Seat Controller	S11	-
Panorama View Monitor	S12	-
Front Passenger Side Collision Sensor	S13	-
Front Passenger Seat Belt Retractor	S14	-
Right Front Door Contact Switch	S15	-
Right Side Curtain Shield Airbag	S16	-
4WD Sensor	S17	-
Luggage Compartment Lamp	S18	-
Radio Frequency Receiver	S19	-
4WD Controller	S20	-
Right Rear Door Contact Switch	S21	-
Right Rear Combination Lamp	S22	-
Right Blind Spot Monitoring Controller	S23	-
Left Front Door Contact Switch	S24	-
Driver Side Collision Sensor	S25	-
Electronic Parking Brake Controller	S26	-
Driver Seat Belt Retractor	S27	-
Airbag Controller	S28	-
Front Passenger Seat Sensor	S29	-
Front Passenger Power Seat	S30	-
Front Passenger Seat Belt Switch	S31	-
Left Rear Door Contact Switch	S32	-
Fuel Pump	S33	-
Left Rear Wheel Speed Sensor	S34	-
Power Supply - 3	S35	-
Left EPB Actuator Motor	S36	-
Left Rear Combination Lamp	S37	-

Connector Name	Definition	Note
Left Rear Fog Lamp	S38	-
Left Blind Spot Monitoring Controller	S39	-
Left Reversing Radar Sensor	S40	For Level1 Model
Left Reversing Radar Sensor	S40a	For Level2, Level3, Level4 Models
Right Rear Wheel Speed Sensor	S41	-
Right EPB Actuator Motor	S42	-
Left Center Reversing Radar Sensor	S43	For Level1 Model
Left Center Reversing Radar Sensor	S43a	For Level2, Level3, Level4 Models
Rear Bumper Antenna	S44	-
Right Center Reversing Radar Sensor	S45	For Level1 Model
Right Center Reversing Radar Sensor	S45a	For Level2, Level3, Level4 Models
Right Rear Fog Lamp	S46	-
Right Reversing Radar Sensor	S47	For Level1 Model
Right Reversing Radar Sensor	S47a	For Level2, Level3, Level4 Models

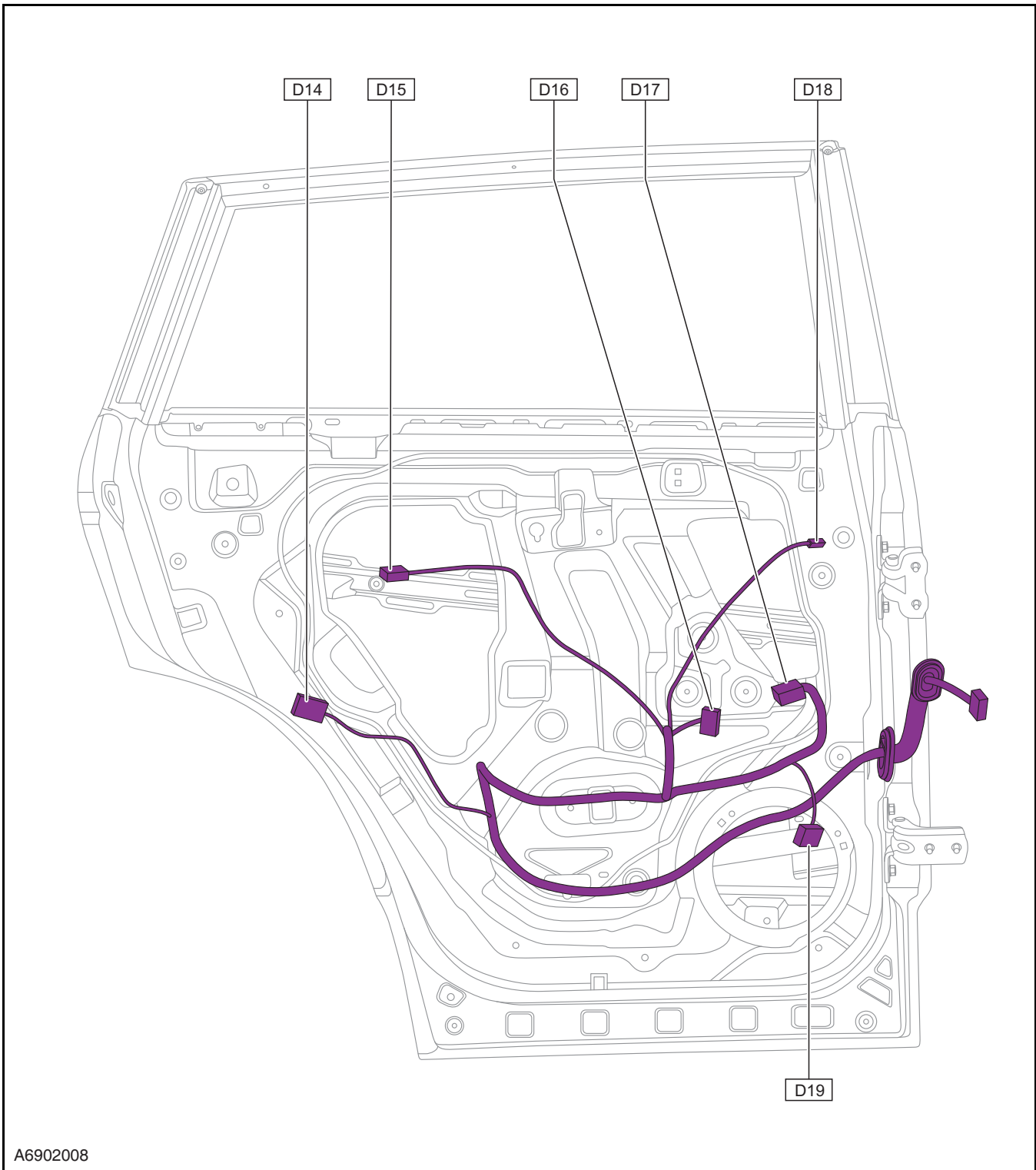
Door Wiring Harness Connector (D--)



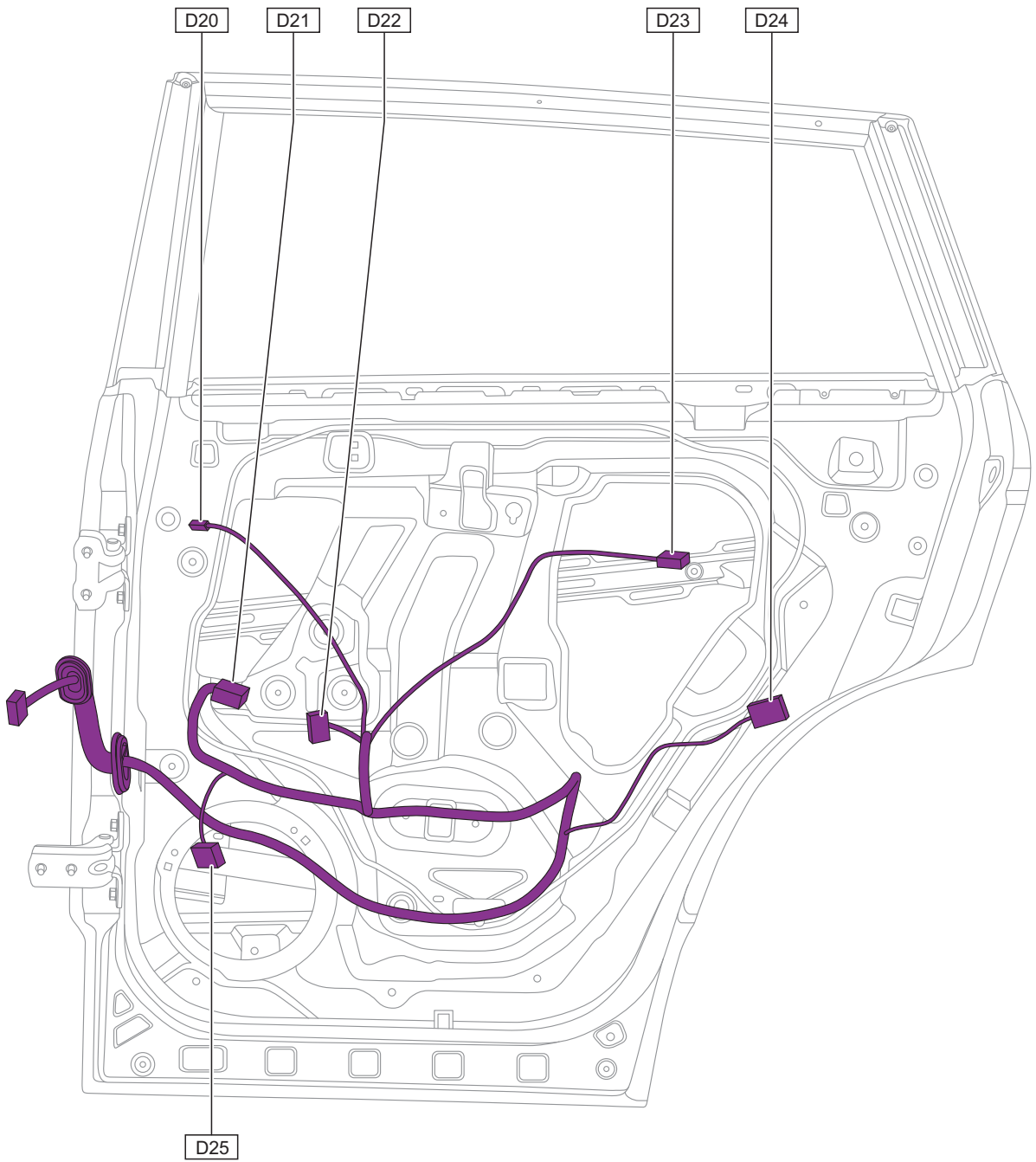
A6902006



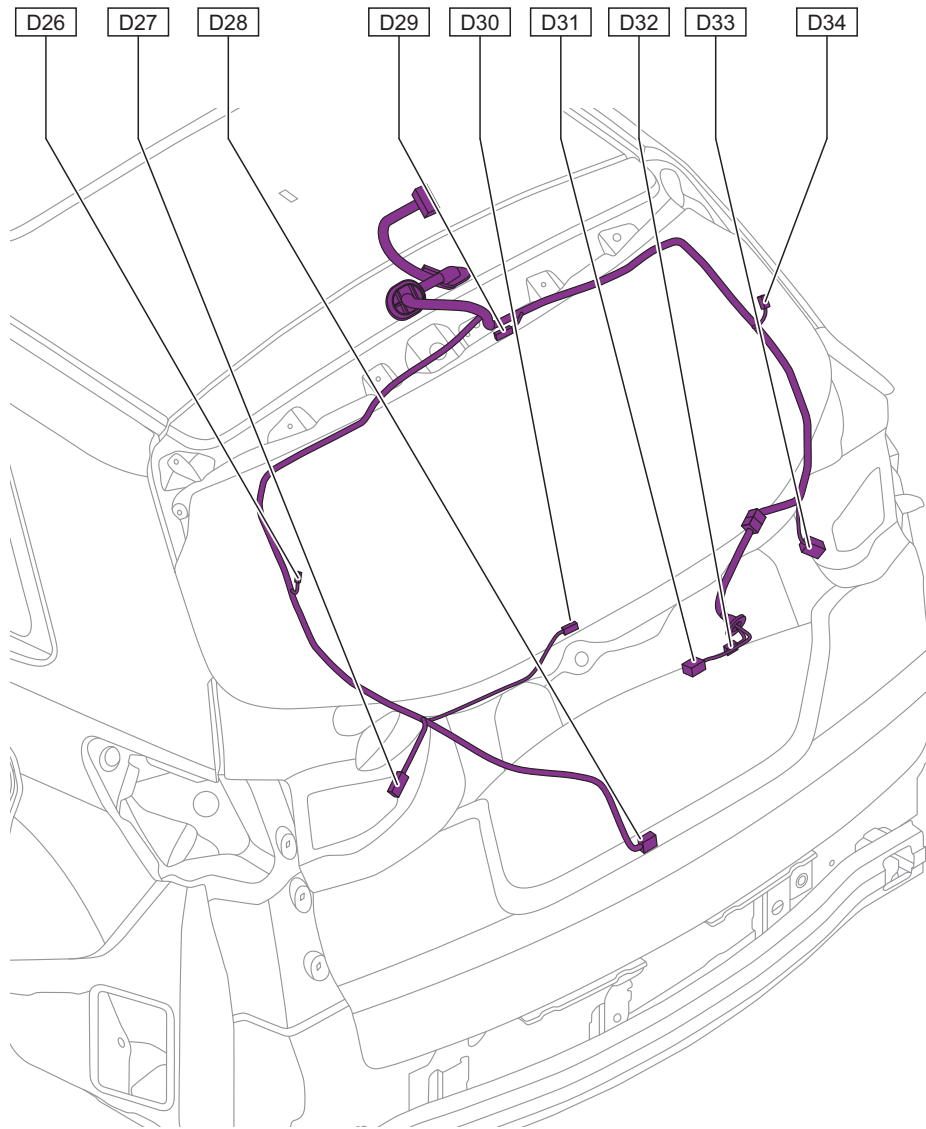
A6902007



A6902008



A6902009



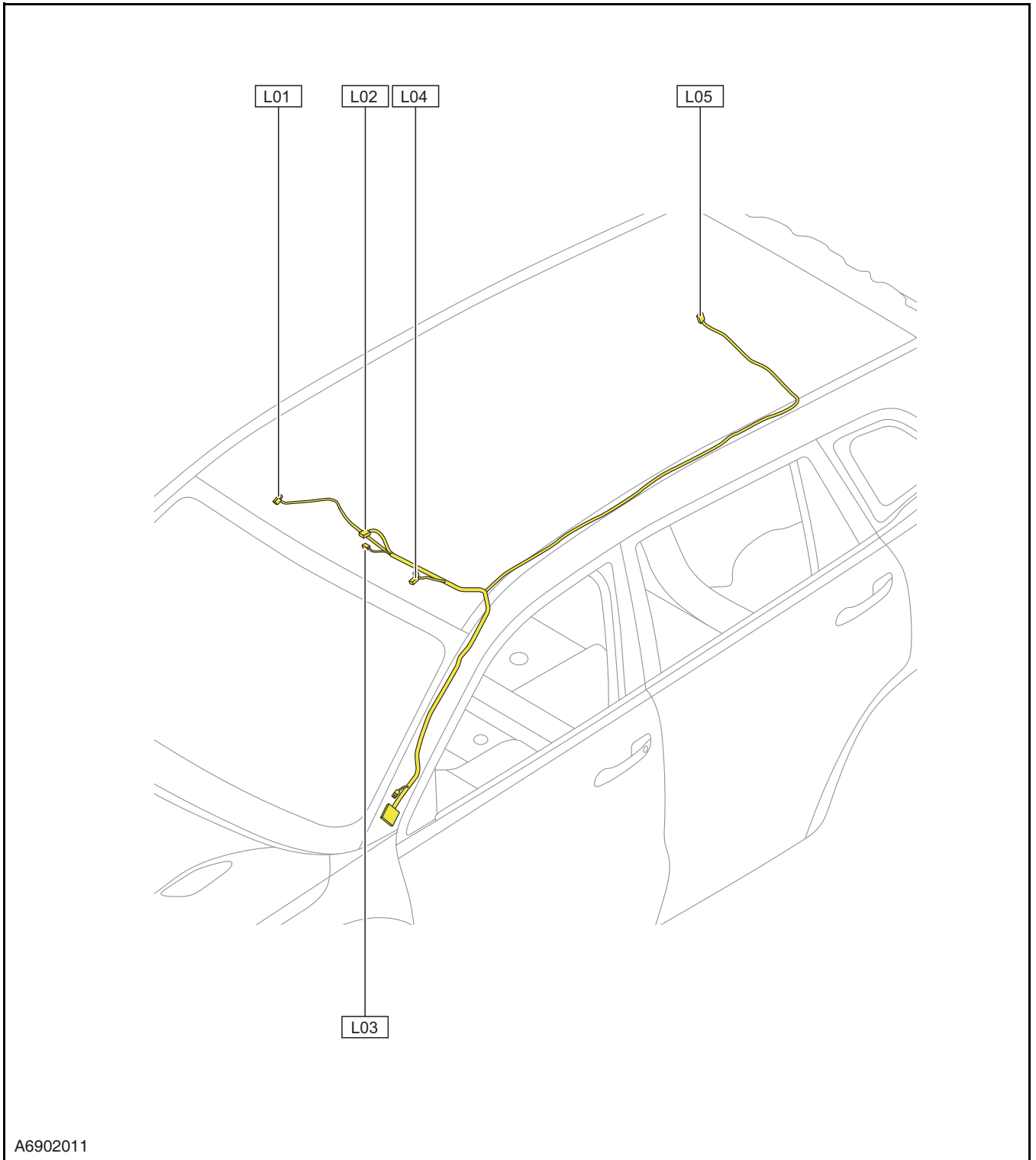
A6902010

Door Wiring Harness Connector (D) Definition List

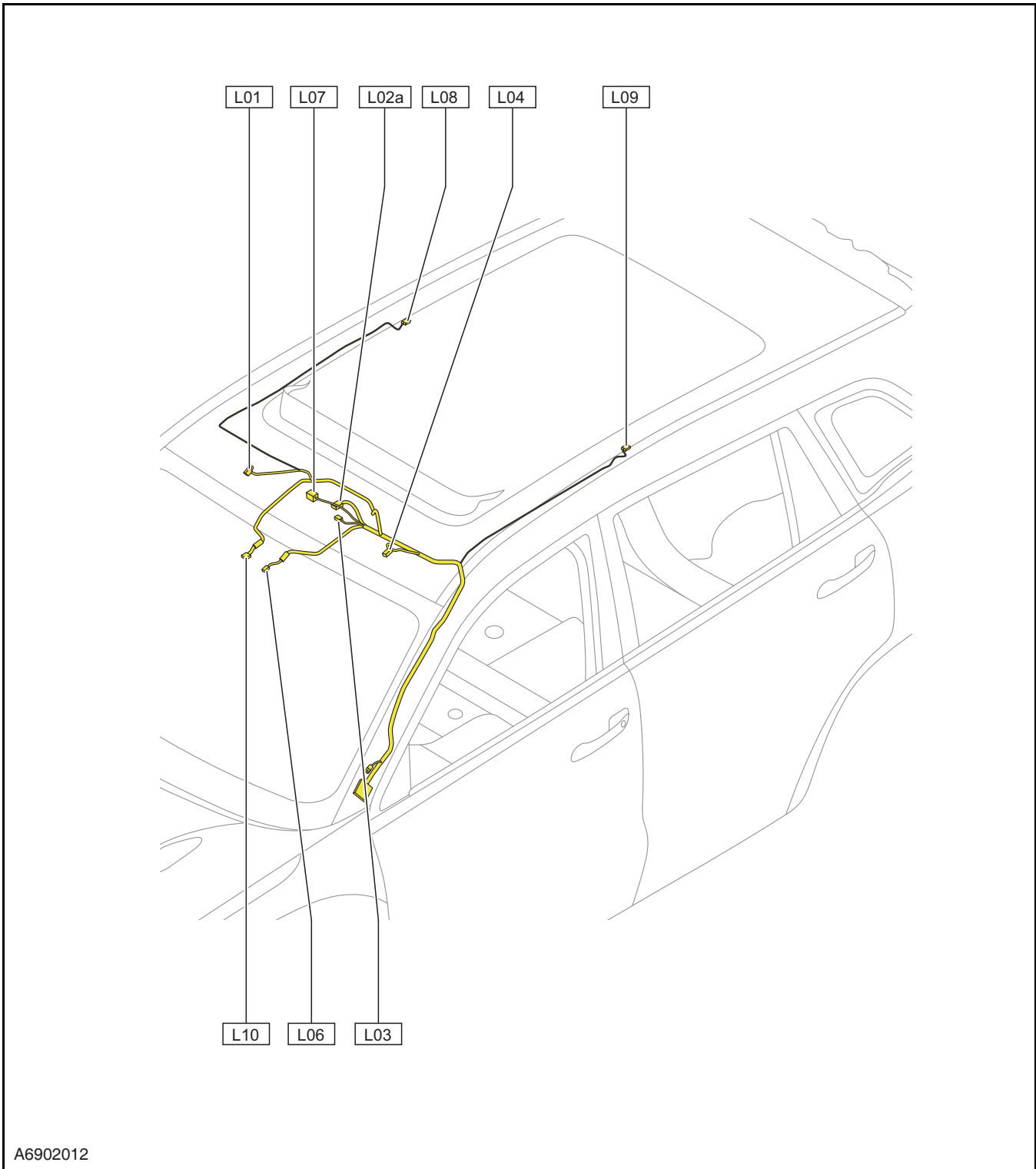
Connector Name	Definition	Note
Left Front Door Lock Motor	D01	-
Left Front Door Handle Button	D02	-
Left Front Door Window Switch	D03	-
Left Front Glass Regulator Motor	D04	For Level1, Level2, Level3 Models
Left Front Glass Regulator Motor	D04a	For Level4 Model
Power Rearview Mirror Switch	D05	-
Left Power Rearview Mirror	D06	For Level1, Level2, Level3 Models
Left Power Rearview Mirror	D06a	For Level4 Model
Left Front Door Low Pitched Horn	D07	-
Right Power Rearview Mirror	D08	For Level1, Level2, Level3 Models
Right Power Rearview Mirror	D08a	For Level4 Model
Right Front Glass Regulator Motor	D09	For Level1, Level2, Level3 Models
Right Front Glass Regulator Motor	D09a	For Level4 Model
Right Front Door Window Switch	D10	-
Right Front Door Handle Button	D11	-
Right Front Door Lock Motor	D12	-
Right Front Door Low Pitched Horn	D13	-
Left Rear Door Lock Motor	D14	-
Left Rear Antenna	D15	-
Left Rear Door Window Switch	D16	-
Left Rear Glass Regulator Motor	D17	-
Left Rear Door High Pitched Horn	D18	-
Left Rear Door Low Pitched Horn	D19	-
Right Rear Door High Pitched Horn	D20	-
Right Rear Glass Regulator Motor	D21	-
Right Rear Door Window Switch	D22	-
Right Rear Antenna	D23	-
Right Rear Door Lock Motor	D24	-
Right Rear Door Low Pitched Horn	D25	-
Rear Defroster Positive	D26	-
Left Rear Tail Lamp	D27	-
Back Door Lock Motor	D28	-
High Mounted Brake Lamp	D29	-
Rear Wiper Motor	D30	-

Connector Name	Definition	Note
Luggage Compartment Switch	D31	-
Rear View Camera	D32	-
Right Rear Tail Lamp	D33	-
Rear Defroster Negative	D34	-

Roof Wiring Harness Connector (L--)



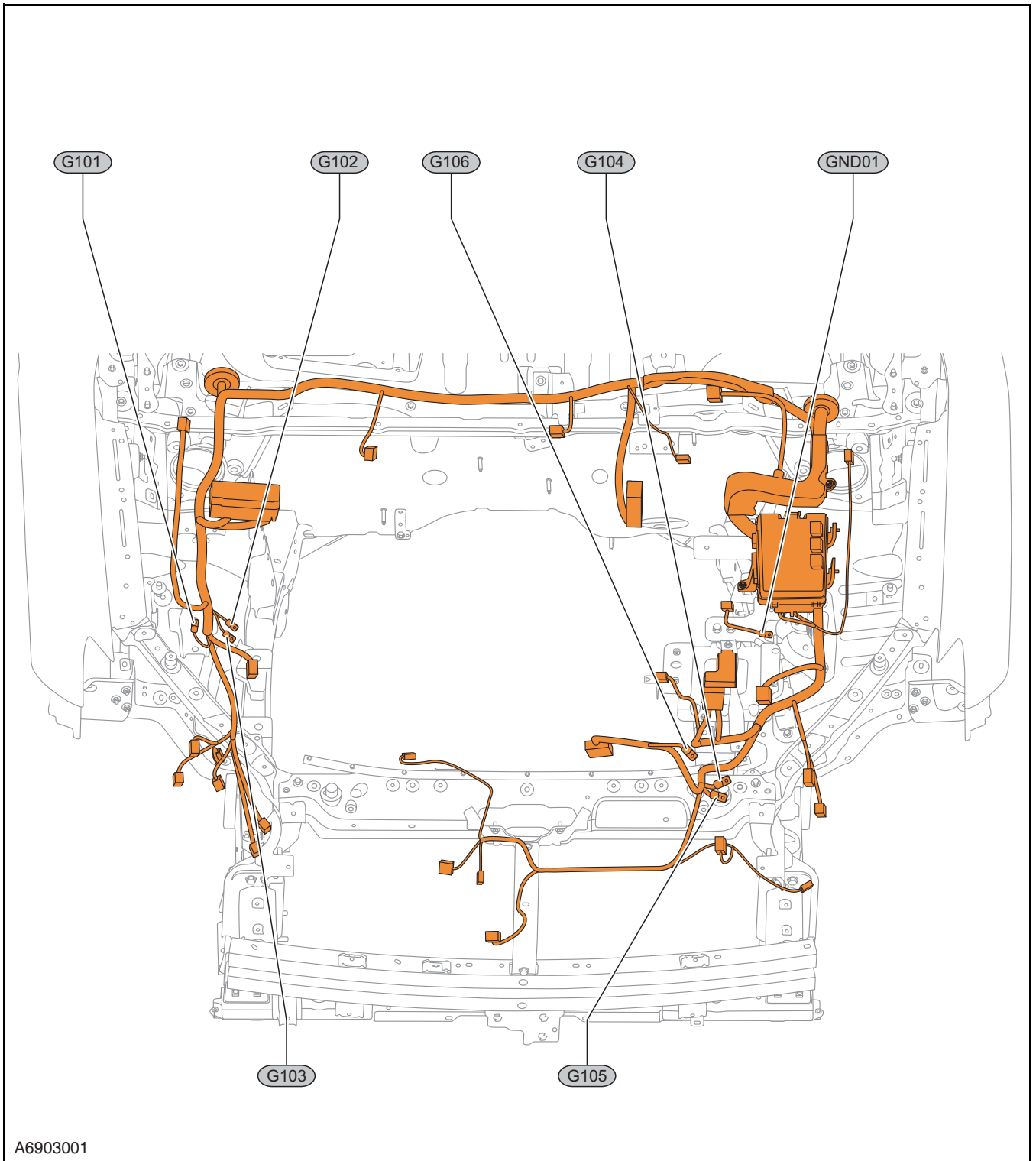
A6902011



Roof Wiring Harness Connector (L) Definition List

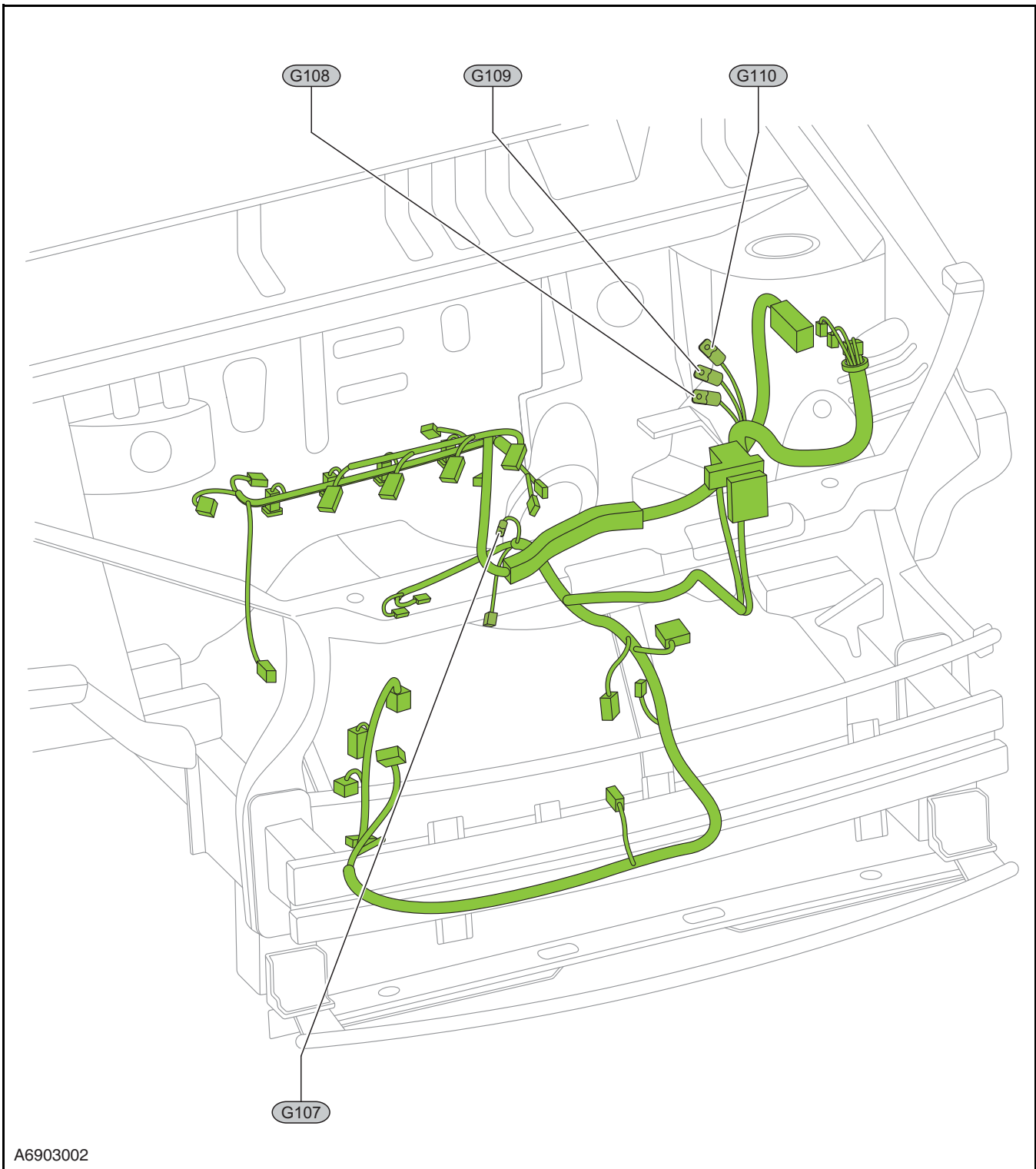
Connector Name	Definition	Note
Right Vanity Lamp	L01	-
Front Dome Lamp	L02	For Level1 Model
Front Dome Lamp	L02a	For Level2, Level3, Level4 Models
Microphone	L03	-
Left Vanity Lamp	L04	-
Rear Dome Lamp	L05	For Level1 Model
Rain Sensor	L06	-
Sunroof Controller	L07	For Level2, Level3, Level4 Models
Right Rear Dome Lamp	L08	For Level2, Level3, Level4 Models
Left Rear Dome Lamp	L09	For Level2, Level3, Level4 Models
USB	L10	For Level4 Model

GND01 G101 G102 G103 G104 G105 G106



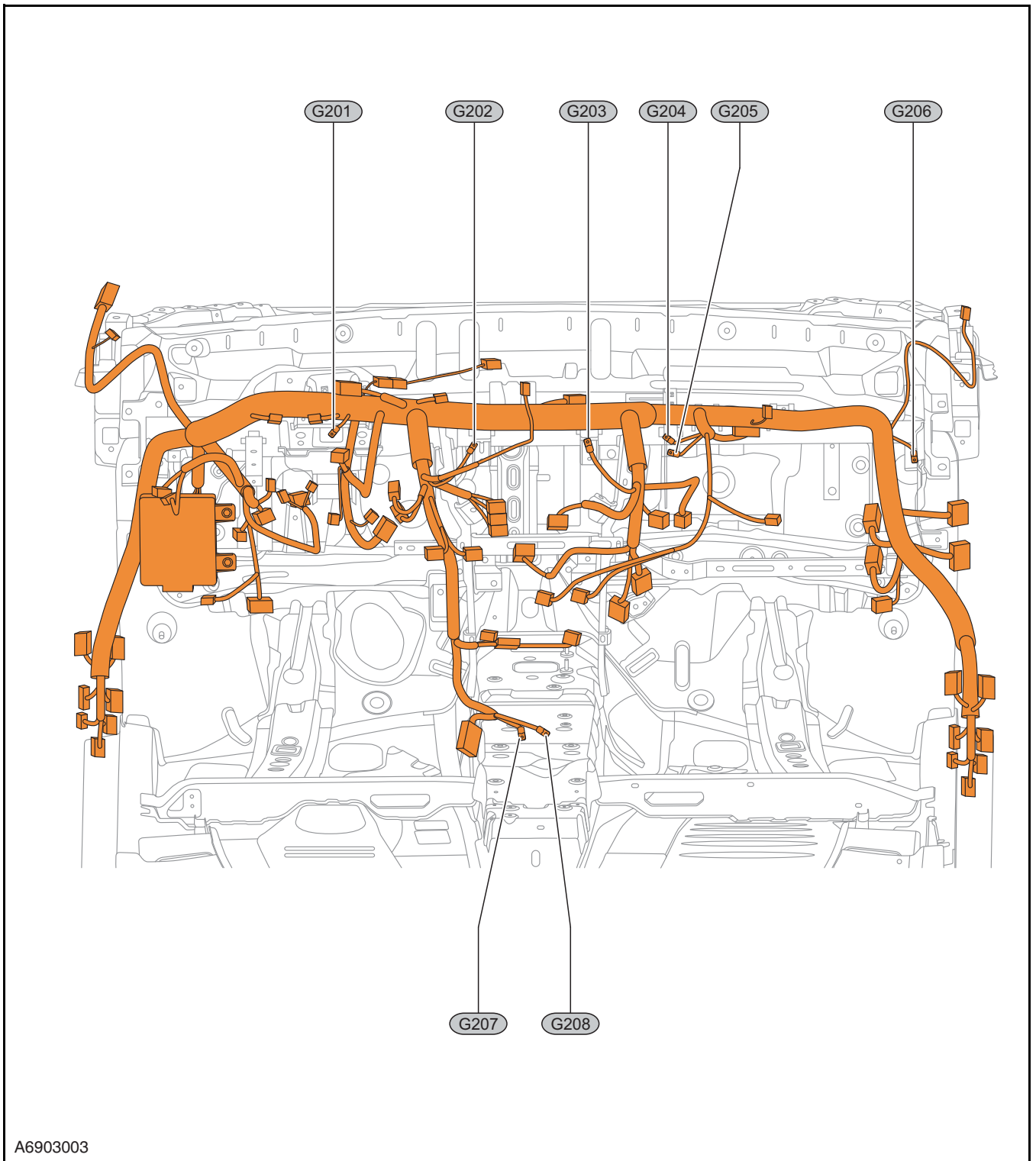
A6903001

G107 G108 G109 G110

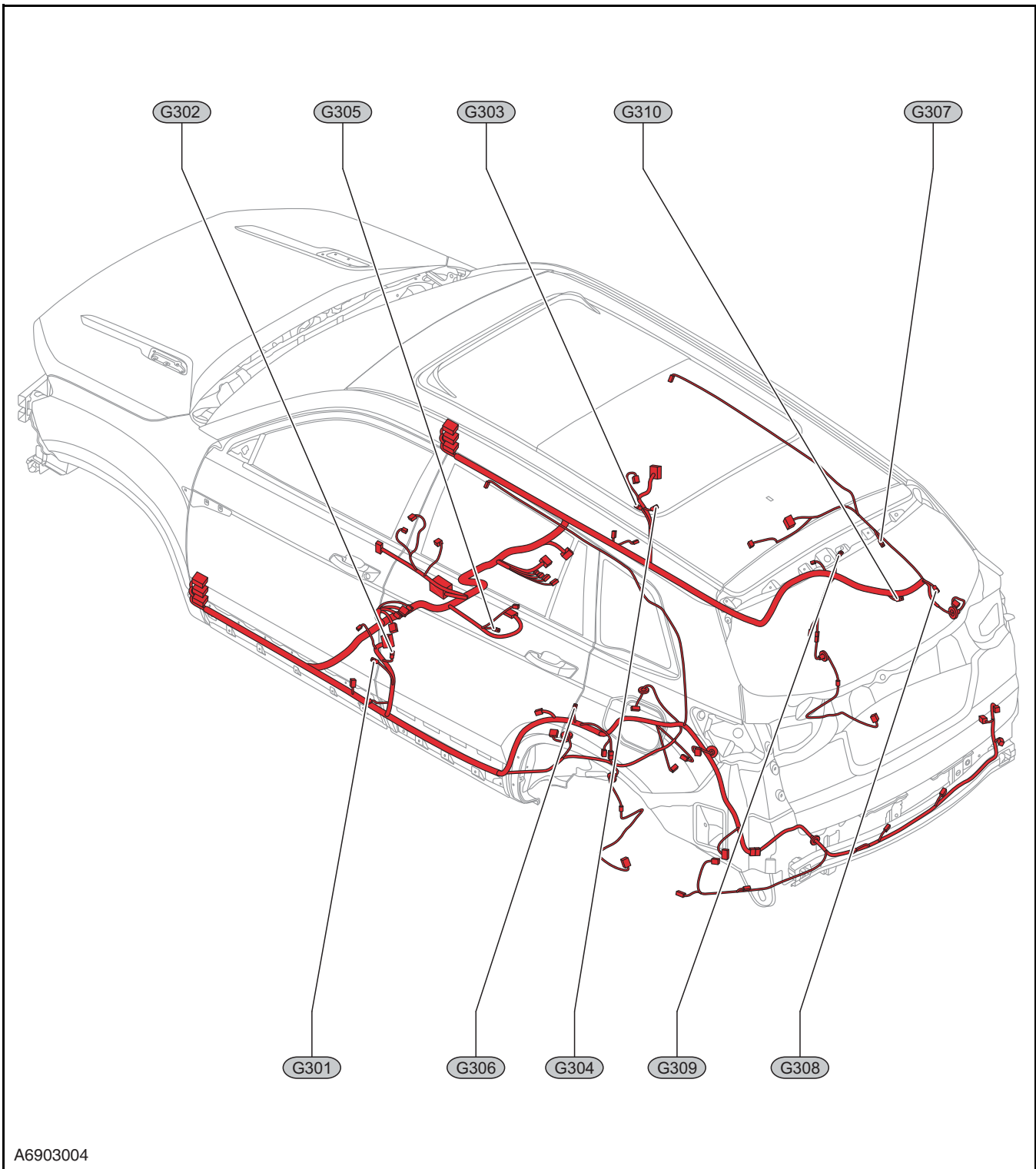


A6903002

G201 G202 G203 G204 G205 G206 G207 G208

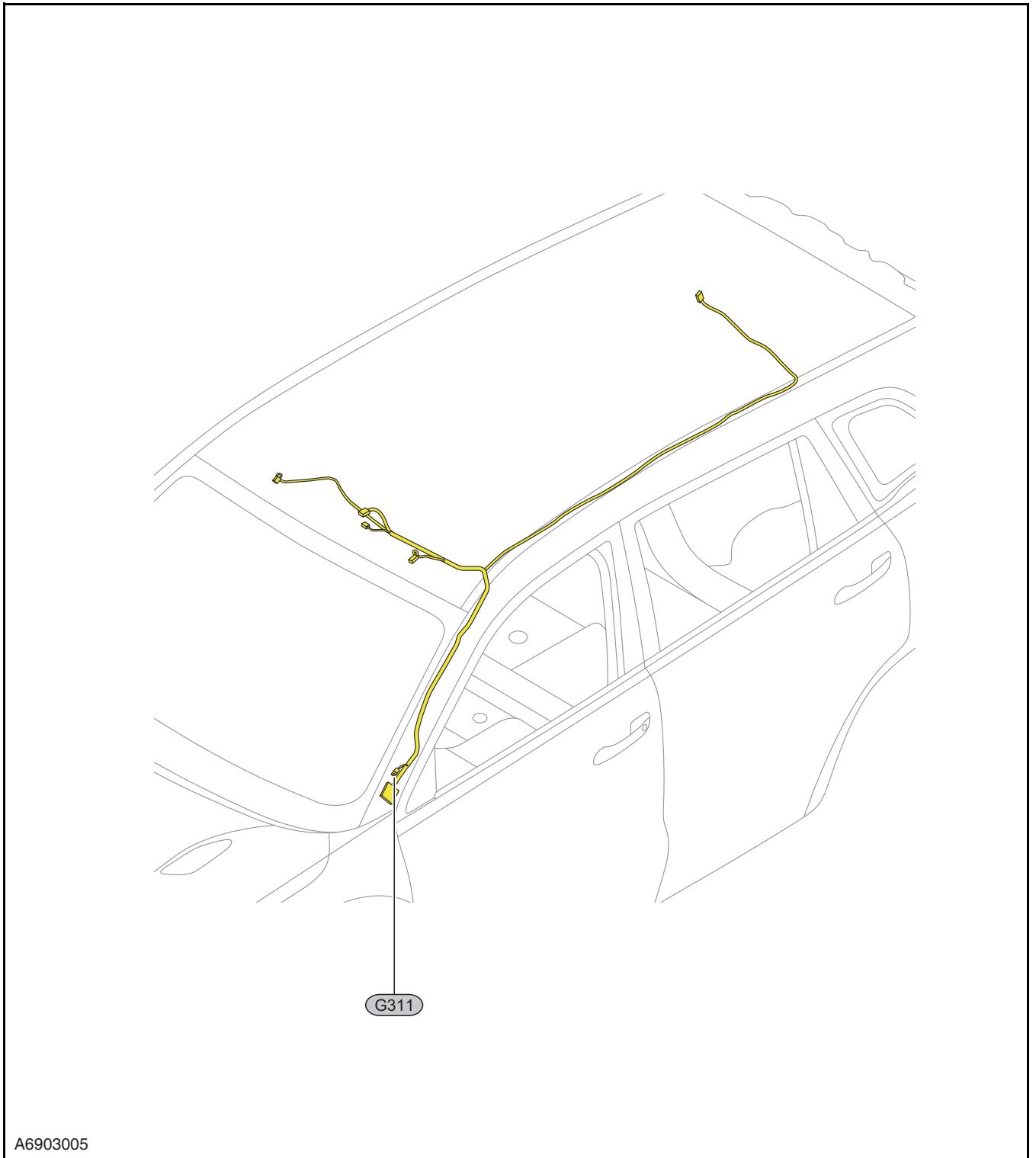


G301 G302 G303 G304 G305 G306 G307 G308 G309 G310

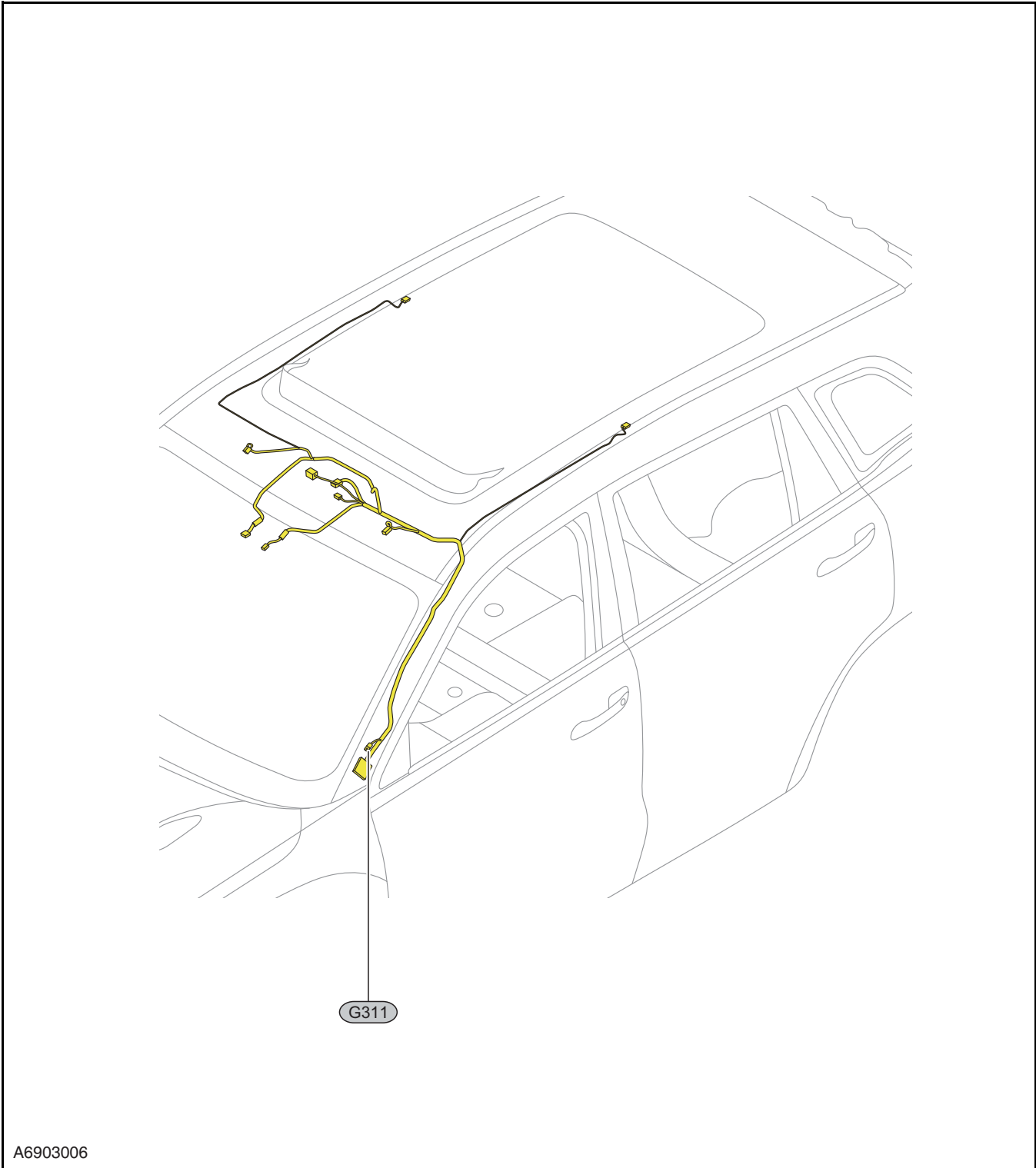


A6903004

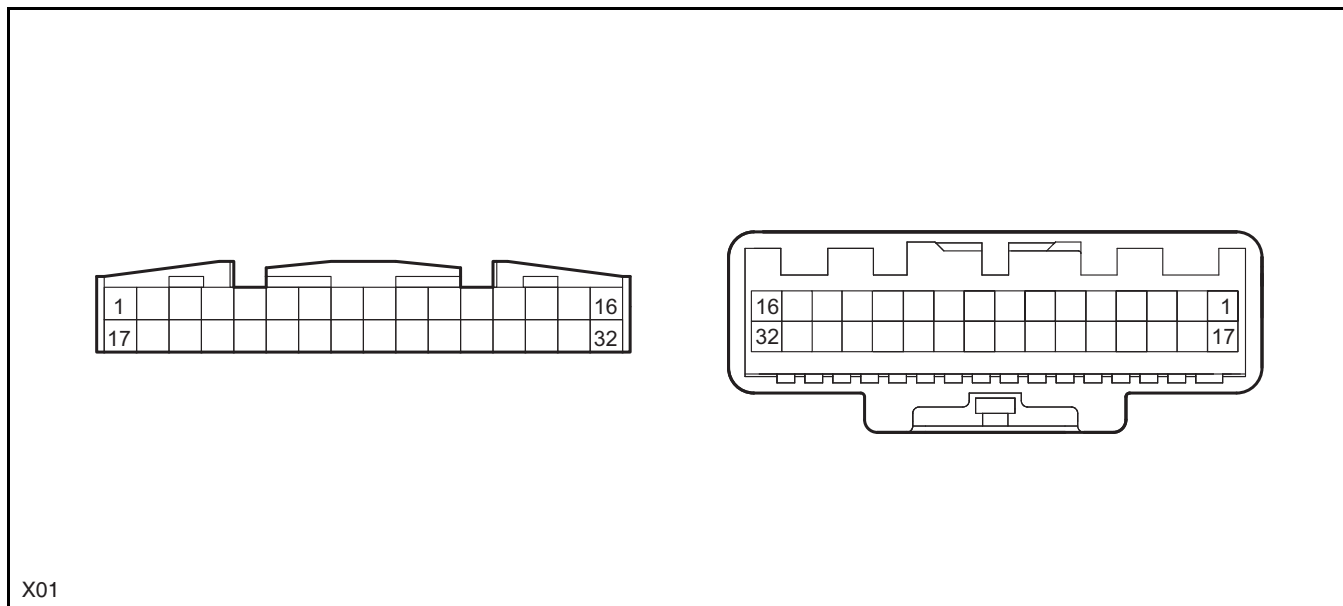
G311



G311



Wiring Harness to Wiring Harness Connector (X--)

Engine Wiring Harness to Engine Compartment Fuse
Box - 1Engine Compartment Fuse Box to Engine Wiring
Harness - 1

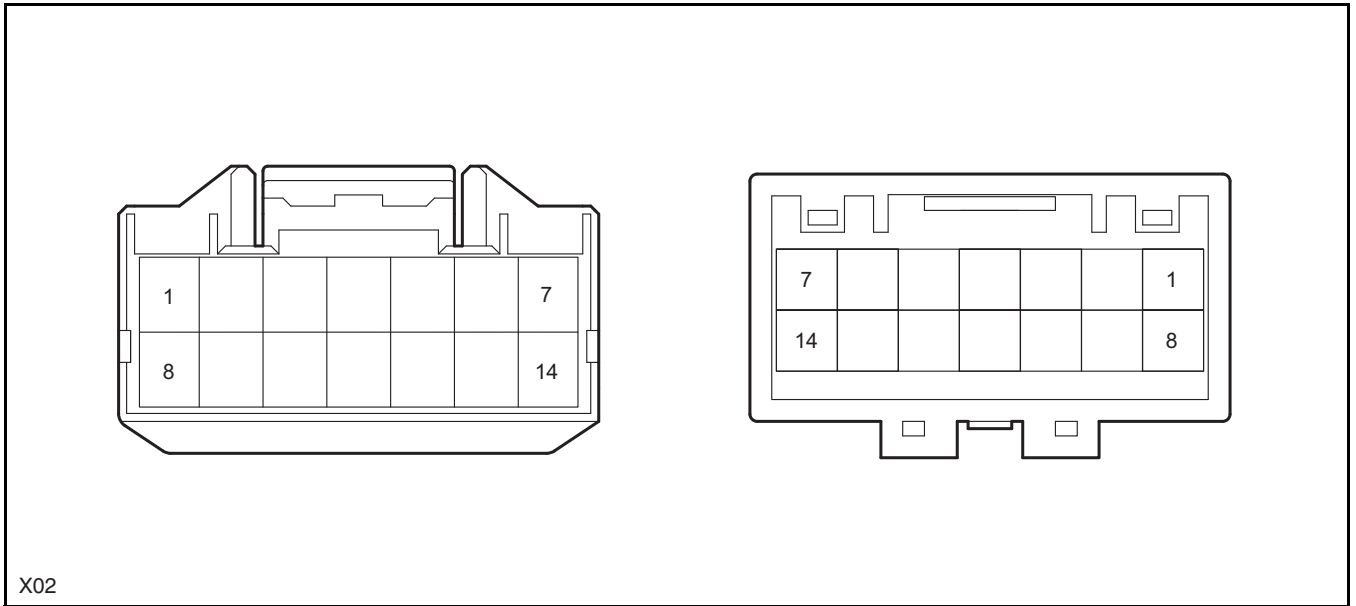
X01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/WH	Accelerator Pedal Position Sensor 1
2	0.5 BU/GN	Sensor Grounding 1
3	0.5 RD/YE or 0.5 BN/YE	Brake Switch Relay Control
4	0.5 GN/VT	Sensor Grounding
5	0.5 YE/GN	Sensor Grounding
6	0.5 GN/YE or 0.5 GN/BK	Accelerator Pedal Module
7 (for Level2, Level3, Level4 Models)	0.5 PK/BU or 0.5 BN	Cruise Signal Output
8	-	-
9	0.5 VT/YE	Fan Relay (Low Speed)
10 (for Level2, Level3, Level4 Models)	0.5 PN/WH or 0.5 RD/YE	Starter Relay Control
11	0.5 GN/RD	Intercooler Pressure Sensor 2
12	0.5 BN/GN	Stop Switch (OFF)
13	0.5 GN/BU	Tristate Pressure Switch (Medium Pressure Signal)
14	0.5 VT/RD or 0.5 VT/BU	Fan Relay (High Speed)
15	0.5 YE/BK	Oil Pressure Warning Signal

Pin No.	Wire Diameter/Color	Function
16	0.5 RD/WH	ECU Power Supply Constant ON
17	0.5 BU	MS +
18	0.5 PK	MS -
19	0.5 VT/WH or 0.3 GN/YE	P/N Position Signal
20	0.5 OG/BK	Fan Relay (Medium Speed)
21	0.5 YE	MS Signal
22	0.5 BU/BN	Power Supply IG1
23	0.5 WH	Reverse Relay Control
24	0.5 RD/GN	Intercooler Pressure Sensor 1
25	0.5 YE/BN	Compressor Relay Control
26	0.5 BU/YE	Fuel Pump Relay Control
27 (for Level2, Level3, Level4 Models)	0.3 VT or 0.5 VT/GN	K-line
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-

Engine Wiring Harness to Engine Compartment Fuse
Box - 2

Engine Compartment Fuse Box to Engine Wiring
Harness - 2

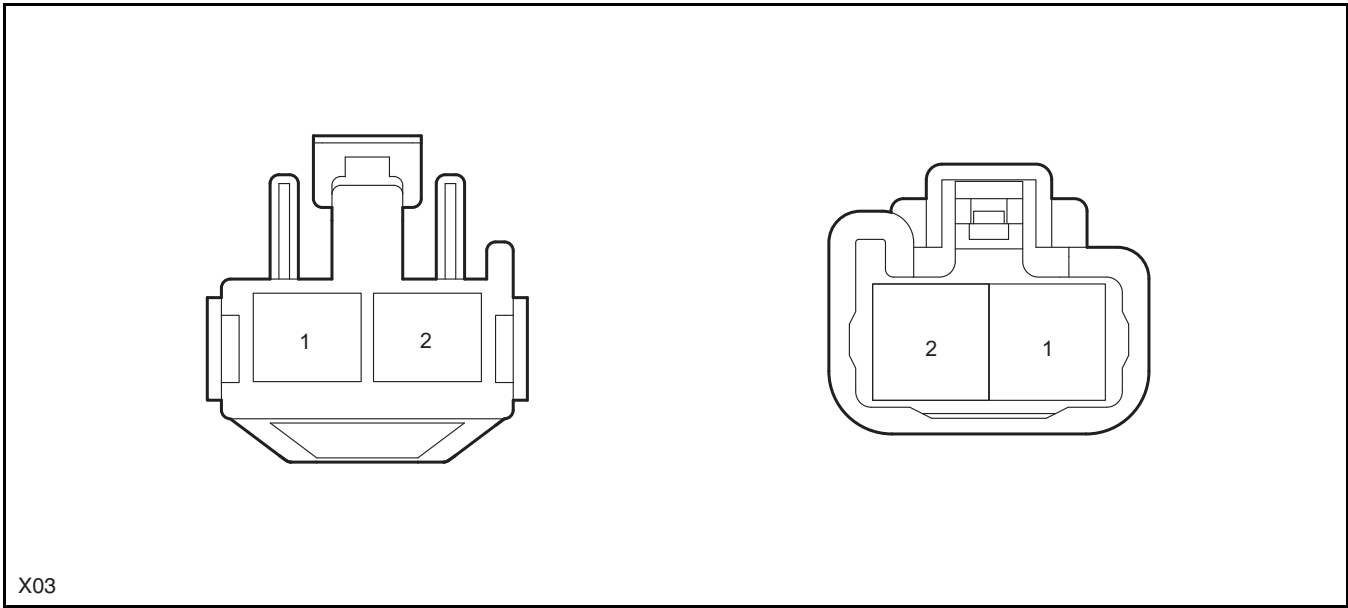


X02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	1.25 RD/WH	Transmission Control Unit Constant ON
2	-	-
3	0.5 BN/RD	Power Supply IG1
4	0.3 BK/WH or 0.5 BK/OG	Main Relay Control
5	2.0 BK/WH or 1.25 BK/WH	Main Relay Control
6	0.5 WH/RD	Alternator Signal
7	0.3 GN or 0.5 GN	High Speed CAN-H
8	0.85 BK/YE	Main Relay Control
9	0.85 BK/BU or 1.25 BK/BU	Main Relay Control
10	0.85 GN/RD	Discharge Control Valve Control
11	0.85 RD/GN or 0.85 WH/RD	Compressor Power Supply
12	0.5 WH/BU	5V Power Supply
13	0.5 PK/BU	5V Power Supply
14	0.3 GN/BK or 0.5 GN/BK	High Speed CAN-L

Engine Wiring Harness to Engine Compartment Fuse Box - 3

Engine Compartment Fuse Box to Engine Wiring Harness - 3

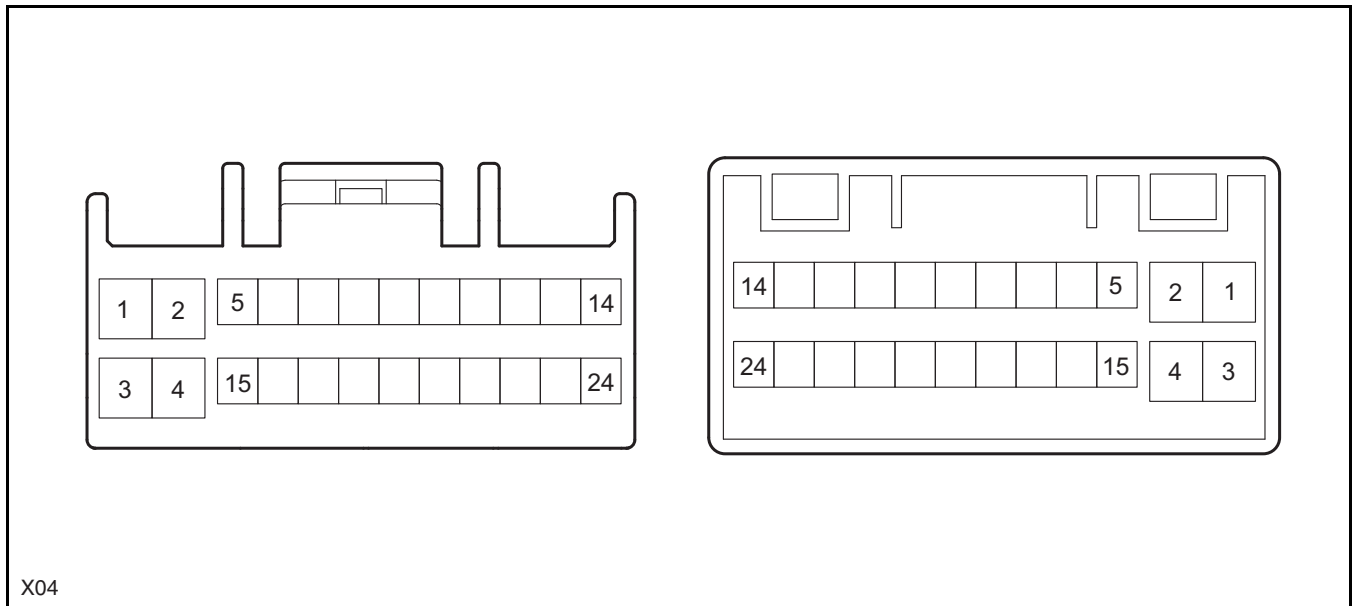


X03 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	3.0 RD/BK or 3.0 RD/YE	Starter Relay 2 Current Output
2	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 1



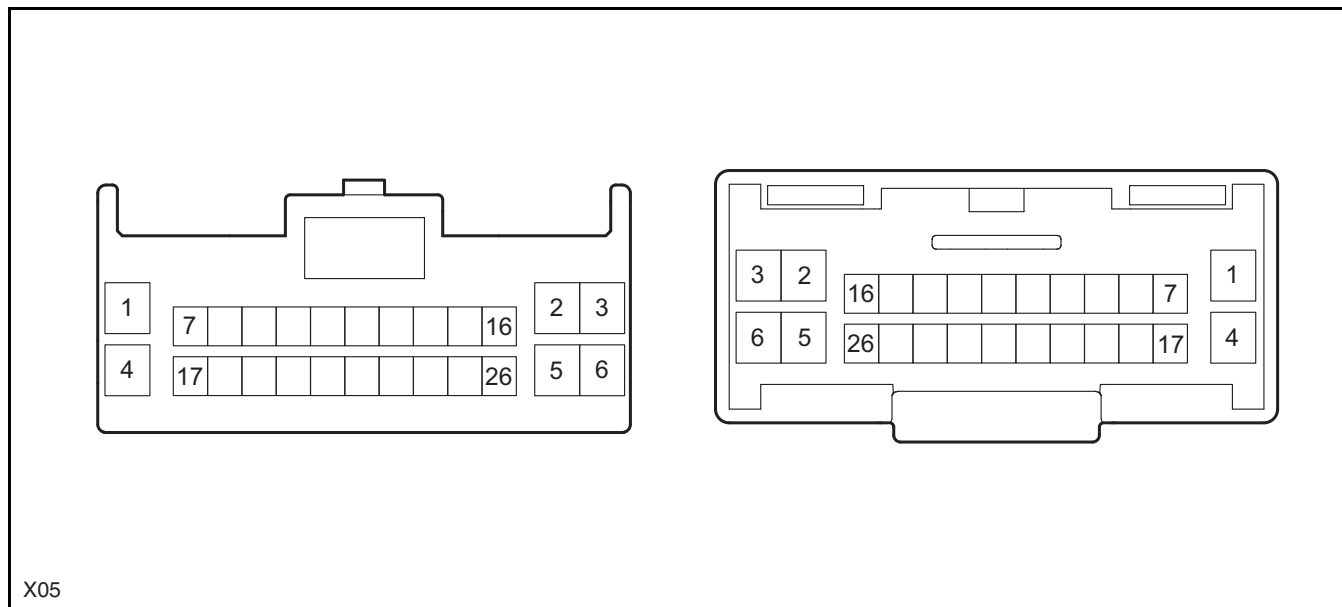
X04 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	-	-
5	0.5 RD/GN	Headlamp Leveling Signal Output
6	-	-
7	-	-
8	0.5 OG	Instrument Cluster Switch Box Backlight
9	0.5 VT/RD	HDC Switch Signal
10	-	-
11	0.5 BU/GN	Cruise Signal Grounding
12	0.5 BN	Cruise Signal Output
13	0.5 GN/RD	Outside Temperature Sensor Grounding
14	0.5 VT/YE	Outside Temperature Sensor Signal Input
15	-	-
16	0.5 RD/BU	Position Lamp Relay Control
17	0.5 RD	Position Lamp Relay Control
18	0.5 BN/VT	Instrument Panel Fuse Box Constant ON
19	0.5 BU/BN	Power Supply IG1
20	0.5 WH/RD	Alternator Signal
21	0.5 WH	Reverse Relay Control
22	0.3 GN/YE	STLK Signal

Pin No.	Wire Diameter/Color	Function
23	-	-
24	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 2



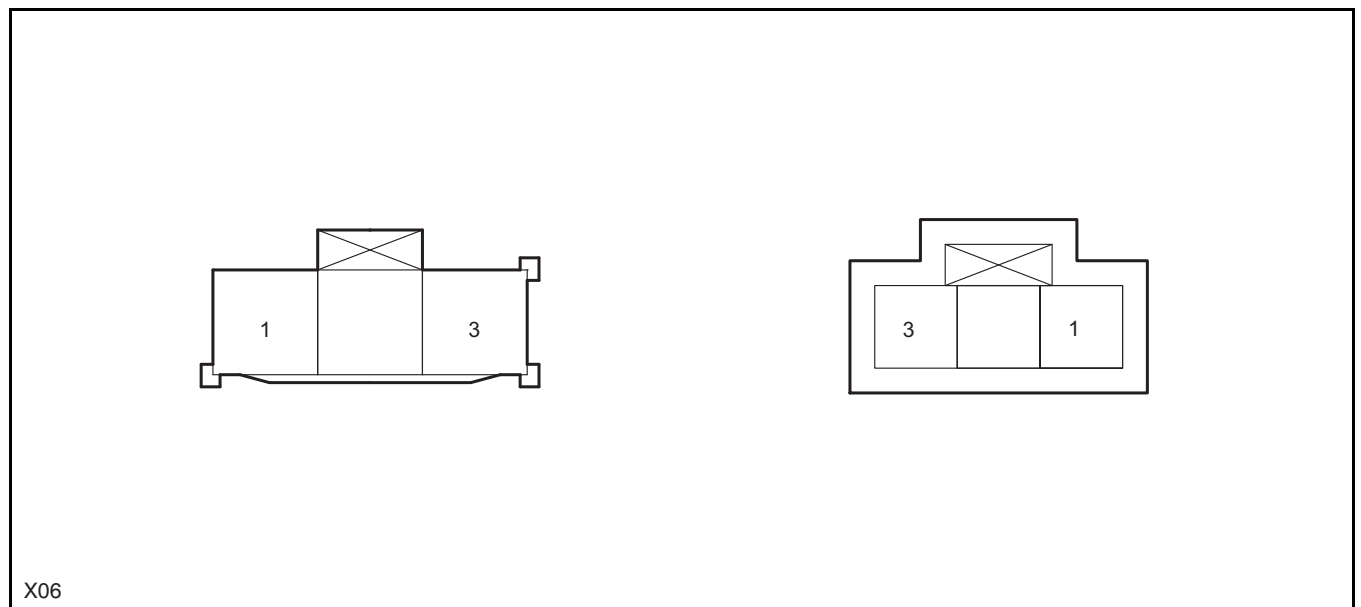
X05 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK/WH	Power Supply IG2
2	2.0 RD/BK	Engine Compartment Fuse Box Constant ON
3	1.25 WH/GN	Daytime Running Lamp Power Supply
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	0.5 GN/YE	Low Beam Lamp Relay Control
10	0.5 VT	Instrument Cluster Power Supply
11	-	-
12	0.5 RD/BU	Ignition Switch Start Signal
13	0.5 BN/RD	Power Supply IG1
14	-	-
15	0.5 VT/GN	K-line
16	-	-
17	0.3 BK/BU	IG2 Control Output
18	0.5 BN/YE	Brake Switch Relay Control

Pin No.	Wire Diameter/Color	Function
19	0.5 WH/BU	Window Switch Power Supply Relay Control
20	0.5 RD/GN	Brake Fluid Level Switch Signal
21	0.5 YE/BK	Oil Pressure Warning Signal
22	-	-
23	0.3 RD/BK	Left Front Probe Signal
24	0.5 GN/WH	ESP Switch Signal
25	0.5 VT/BK	Rear Wiper Relay Control
26	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Left 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Left 3

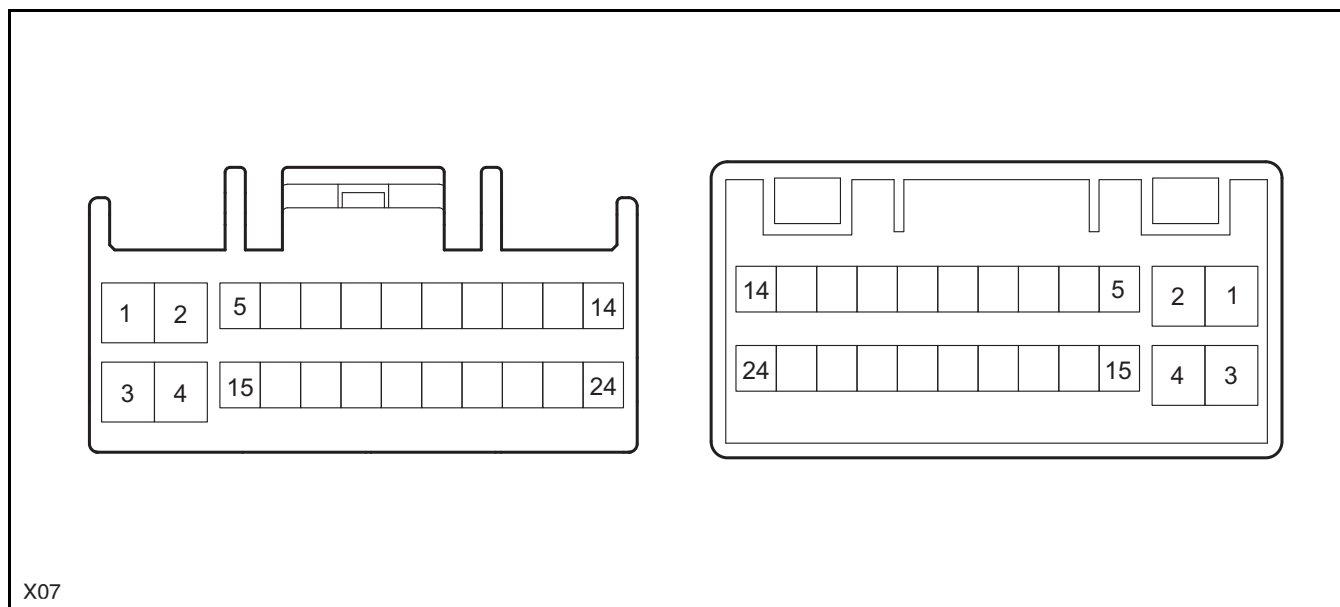


X06 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1 (for Level1 Model)	4.0 RD/WH	Engine Compartment Fuse Box Constant ON
1 (for Level2, Level3, Level4 Models)	4.0 RD/GN	Ignition Switch ACC Signal
2	4.0 RD	Instrument Panel Fuse Box Constant ON
3 (for Level1 Model)	4.0 RD/BK	Starter Relay Control
3 (for Level2, Level3, Level4 Models)	4.0 WH	Ignition Switch IG1 Signal

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 1

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 1



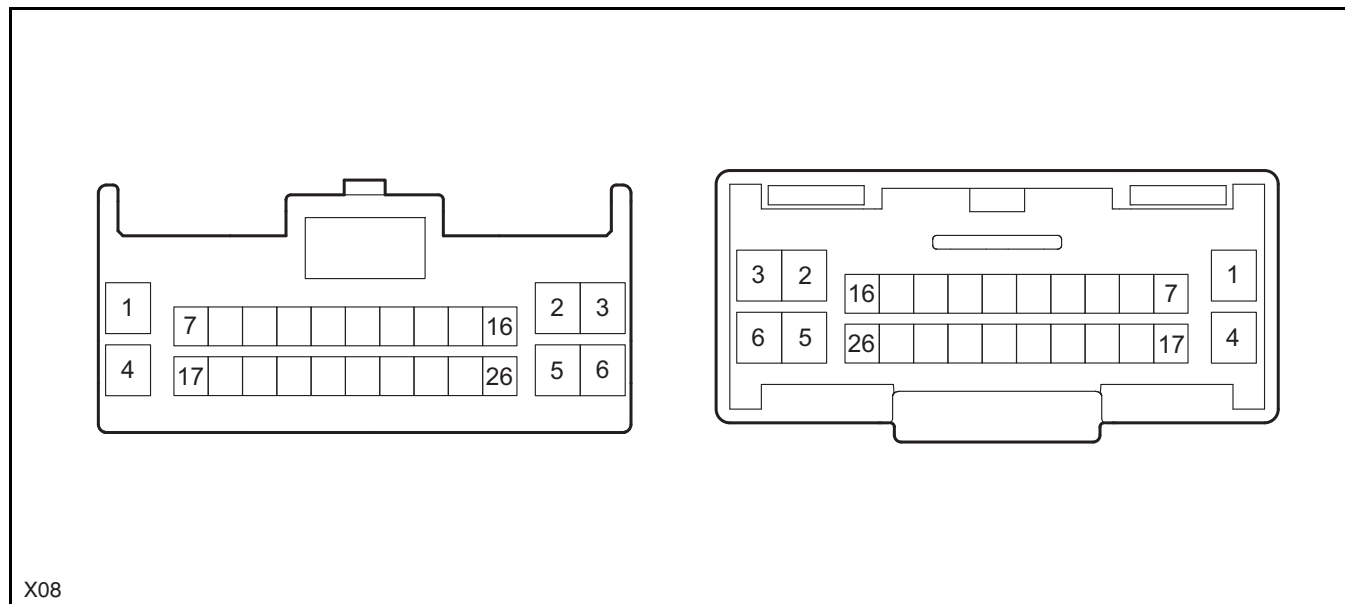
X07 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 VT	Front Wiper High Speed
2	2.0 VT/BK	Front Wiper Low Speed
3	-	-
4	-	-
5	-	-
6	0.5 OG/BK	Shift Enabled Signal
7	-	-
8	-	-
9	0.3 RD	Front Sensor Power Supply
10	0.3 BN	Front Sensor Grounding
11	0.3 GN	Front/Rear Sensor Signal
12	0.3 PK/BK	Low Beam Lamp Relay Control
13	0.3 GN/VT	Low Beam Lamp Relay Control
14	0.3 VT	Rear Wiper Relay Control
15	0.3 BK/YE	Start Control Output
16	0.3 RD/YE	ACC Control Output
17	0.3 RD/BU	IG1 Control Output
18	-	-
19	0.5 RD/BU	Air Conditioning System Operating Condition
20	0.5 BK/RD	Blower Relay Control
21	-	-
22	-	-

Pin No.	Wire Diameter/Color	Function
23	-	-
24	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 2

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 2



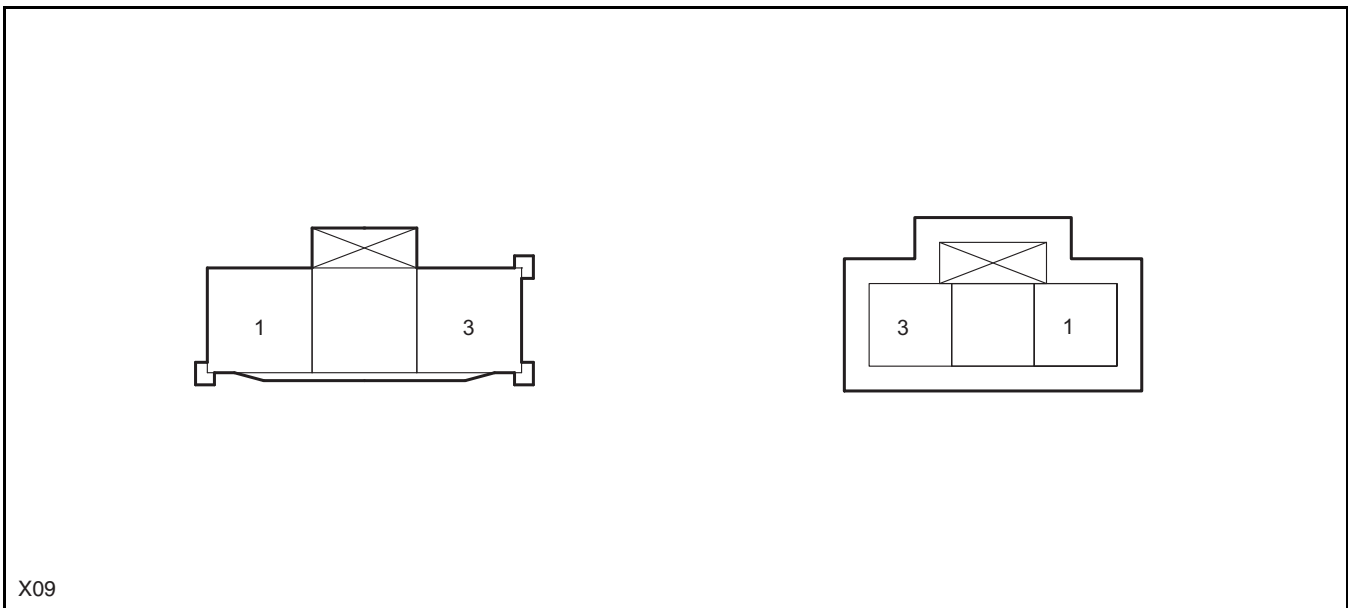
X08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/YE	Engine Compartment Fuse Box Constant ON
2	2.0 GY	Power Supply IG2
3	1.25 BK/RD	Fuel Pump Signal
4	0.85 BU/BN	Front Fog Lamp Relay Control
5	-	-
6	-	-
7	0.5 OG	Front Turn Lamp Malfunction Diagnosis
8	0.3 RD/WH	Front Wiper Motor Reset
9	0.5 RD/BN	Engine Contact Switch
10	-	-
11	0.5 YE	Horn Relay Control
12	-	-
13	0.5 GN/BK	Right Turn Lamp Power Supply
14	0.5 GN/WH	Left Turn Lamp Power Supply
15	0.5 GN/YE	Front Wiper and Washer Motor Control
16	0.5 VT/GN	Rear Wiper and Washer Motor Control
17	-	-
18	-	-

Pin No.	Wire Diameter/Color	Function
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness - Right 3

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness - Right 3

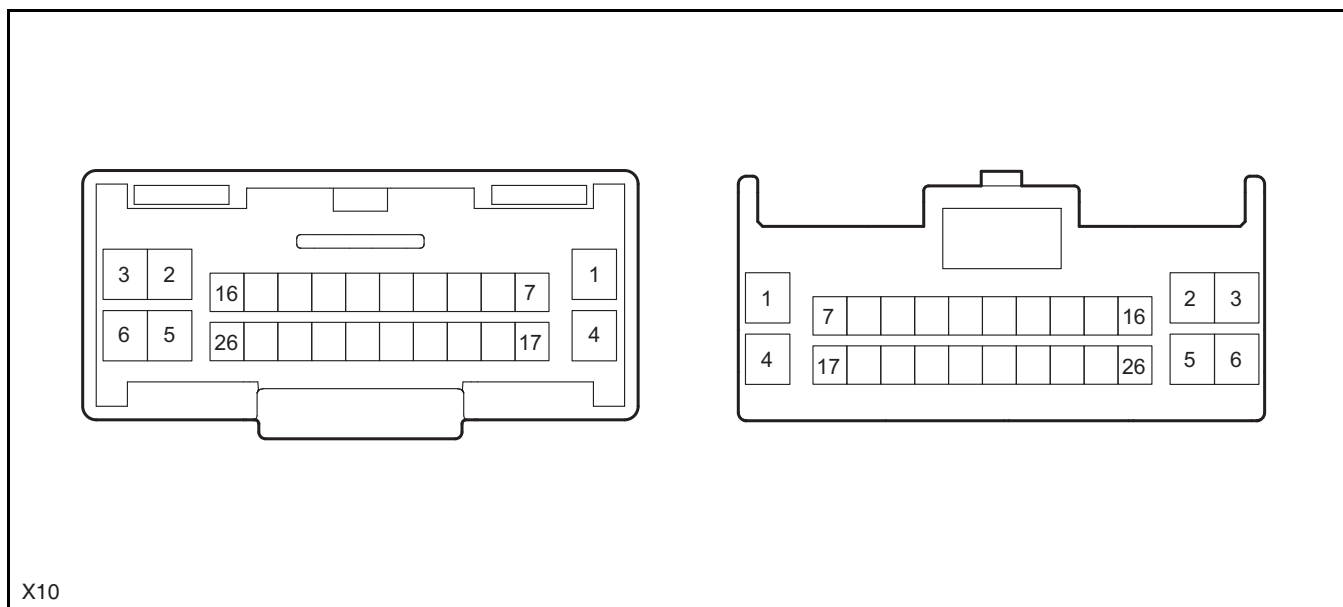


X09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	4.0 LG	Blower Relay Control
2	-	-
3	-	-

Chassis Wiring Harness to Engine Compartment
Wiring Harness - Left

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Left



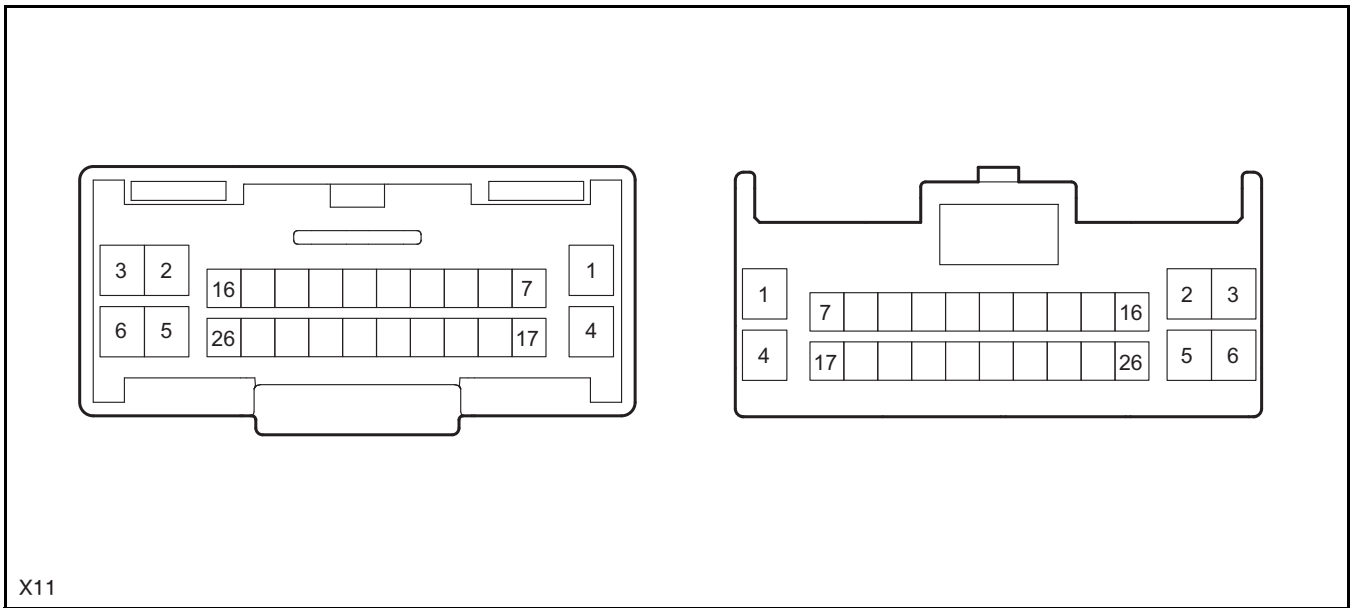
X10 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/WH	Engine Compartment Fuse Box Constant ON
2 (for Level2, Level4 Models)	2.0 RD/YE	Engine Compartment Fuse Box Constant ON
3	2.0 RD/BK	Engine Compartment Fuse Box Constant ON
4	2.0 RD/BK	Engine Compartment Fuse Box Constant ON
5	-	-
6	2.0 BK/RD	Fuel Pump Power Supply
7	0.5 GN/BK	High Speed CAN-L
8	0.5 GN	High Speed CAN-H
9	0.3 WH	EPB Switch Signal
10	0.3 RD/WH	EPB Switch Signal
11	0.3 BU/YE	Left Rear Wheel Speed Sensor -
12	0.3 BU	Left Rear Wheel Speed Sensor +
13	0.5 PK	Shift Control MS+ Signal
14	0.5 YE	Shift Control MS Signal
15	0.5 BU	Shift Control MS- Signal
16	0.5 BN/GN	Shift Relay Control
17 (for Level2, Level4 Models)	0.5 WH/BK	Power Supply IG2
18 (for Level4 Model)	0.5 BU	Front Camera VIDEO +

Pin No.	Wire Diameter/Color	Function
19 (for Level4 Model)	-	Front Camera VIDEO -
20 (for Level4 Model)	0.5 GN/WH	Front Camera Power Supply
21 (for Level4 Model)	0.5 RD/GN	Front Camera Grounding
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-

Chassis Wiring Harness to Engine Compartment
Wiring Harness - Right

Engine Compartment Wiring Harness to Chassis
Wiring Harness - Right



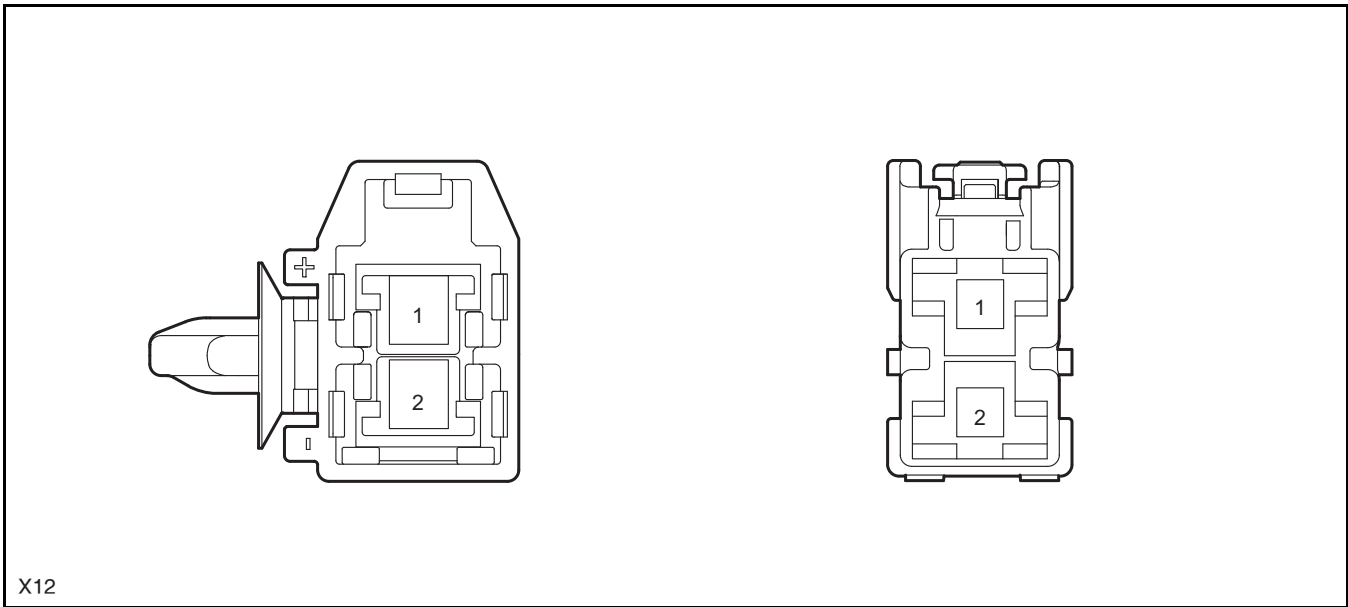
X11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1 (for Level3, Level4 Models)	1.25 RD/WH	Instrument Panel Fuse Box Constant ON
2	2.0 RD/YE	Engine Compartment Fuse Box Constant ON
3	1.25 VT/RD	Rear Wiper Relay Control
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0.3 PK/BK	Right Rear Wheel Speed Sensor +
14	0.3 PK	Right Rear Wheel Speed Sensor -
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

Pin No.	Wire Diameter/Color	Function
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-

Instrument Panel Wiring Harness to Engine
Compartment Wiring Harness

Engine Compartment Wiring Harness to Instrument
Panel Wiring Harness

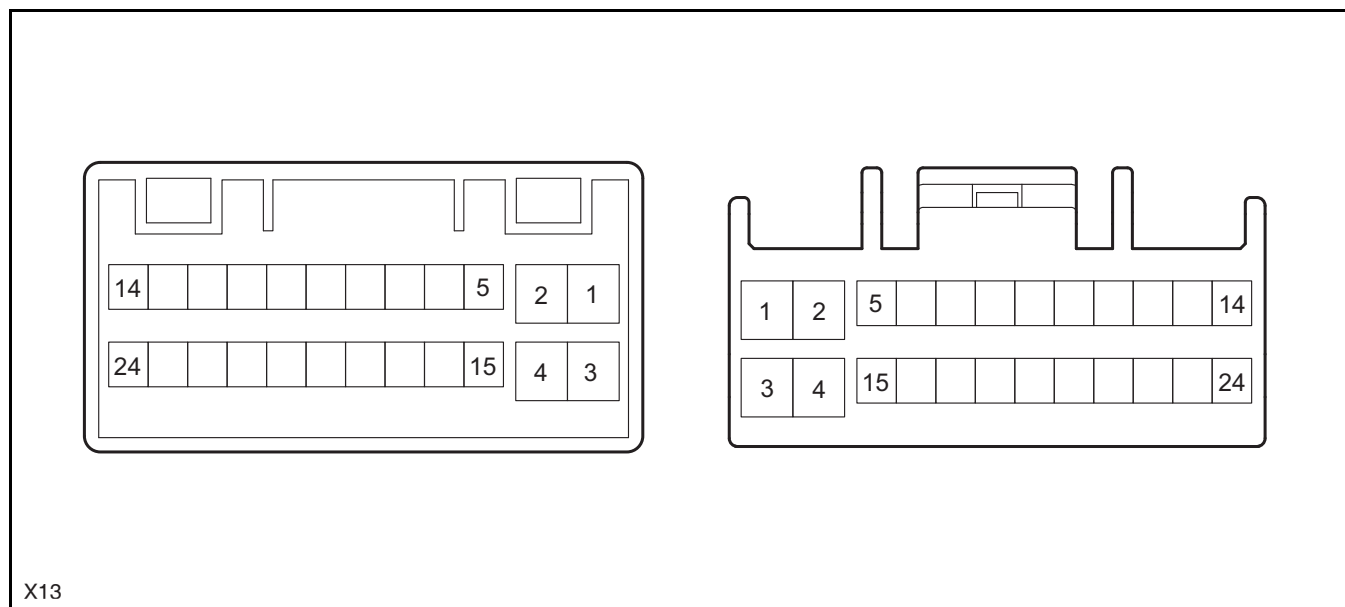


X12 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	10.0 RD	Power Supply
2	-	-

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 1

Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



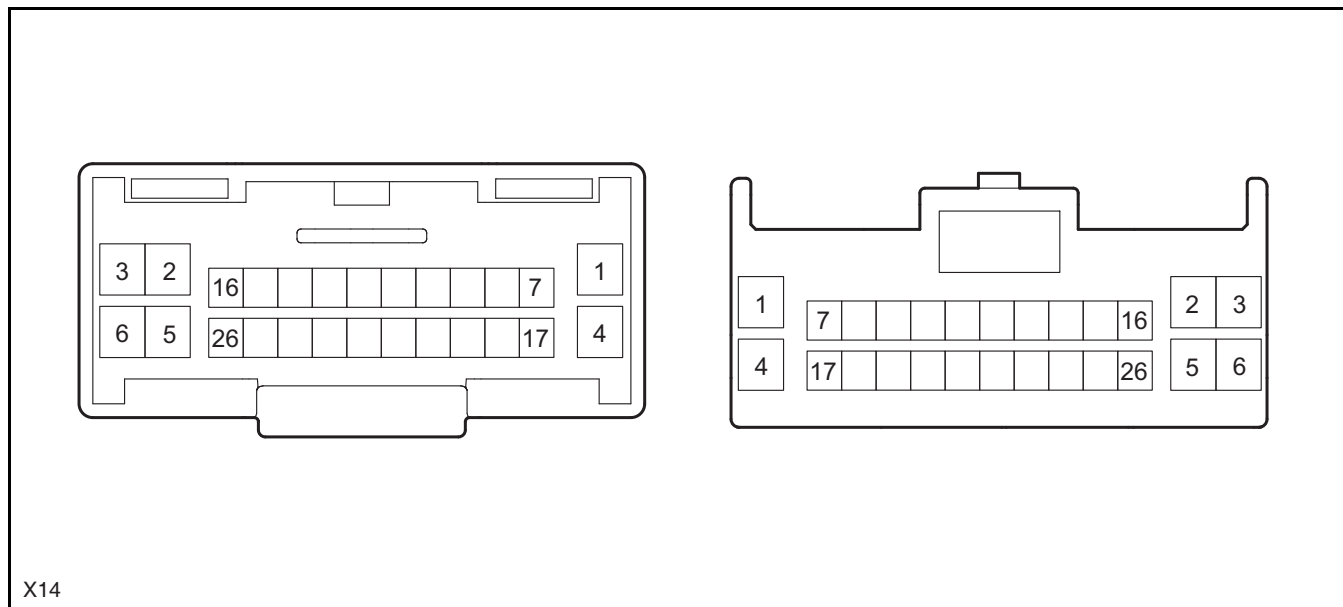
X13 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	-	-
5	0.5 BN/WH	Welcome Lamp Signal
6	0.5 YE/BN	Left Front Door Unlock
7	0.5 GN/WH	Steering Signal
8	0.5 YE/BU	Door Lock Motor Lock
9	-	-
10	0.5 RD/YE	Backlight Power Supply
11	0.5 WH/BU	Remote Control Up
12	0.5 WH	Remote Control Down
13	0.5 WH/VT	Window Switch Relay Control
14	0.5 BU/WH	Right Front Down
15	0.5 LG/BU	LIN Wire
16	0.5 PK/BU	Central Unlock
17	0.5 GN/YE	Central Lock
18	0.5 PK/GN	Left Rear Down
19	0.3 BU/RD	Rearview Mirror Folding Switch Input
20	0.3 PK/WH	Left Front Door Unlock Status
21	0.5 YE/WH	Right Front Up
22	0.5 PK/BK	Left Rear Up

Pin No.	Wire Diameter/Color	Function
23	0.5 YE/BK	Window Lock Signal
24	0.3 GN/RD	Left Blind Spot Lamp

Instrument Panel Wiring Harness to Left Front Door
Wiring Harness - 2

Left Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



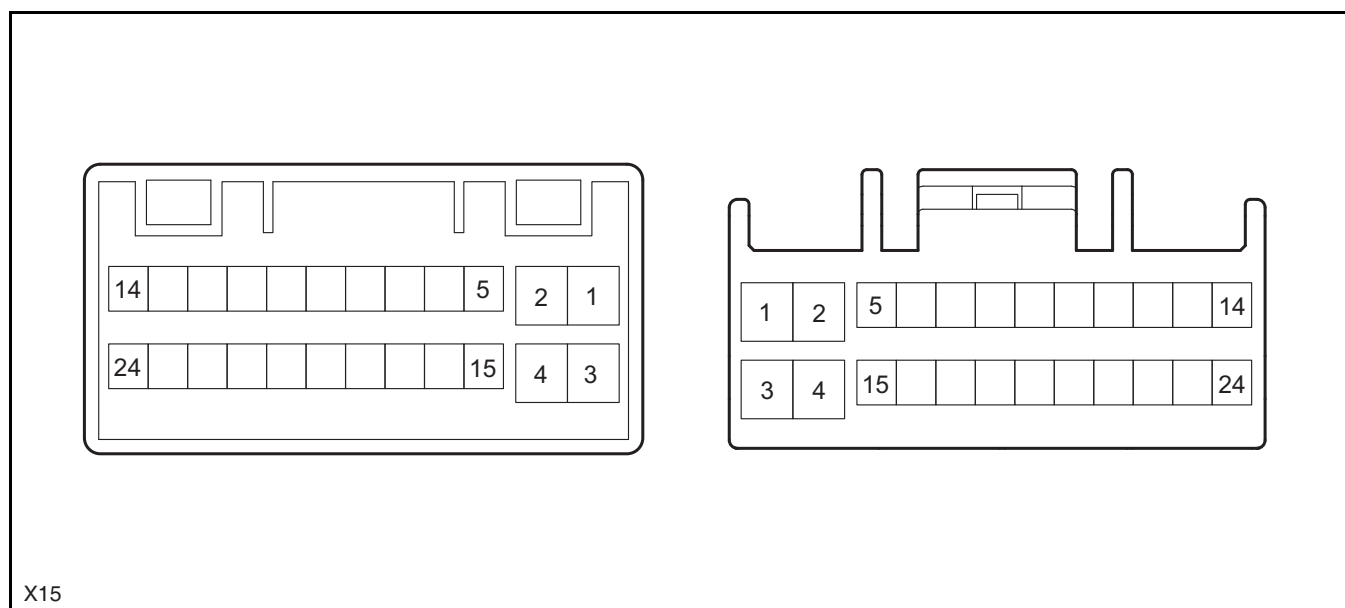
X14 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK	Grounding
2	2.0 RD/BK	Engine Compartment Fuse Box Constant ON
3	-	-
4	0.85 BK	Grounding
5	-	-
6	-	-
7	0.5 RD/BU	Rearview Mirror Up-Down Adjustment
8	0.5 LG	Rearview Mirror Left-Right Adjustment
9	0.5 RD/BK	Rearview Mirror Adjustment Public Terminal
10	0.5 BU/YE	Rearview Mirror Extending
11	0.5 BU/BK	Rearview Mirror Folding
12	0.5 RD	Power Supply ACC Signal
13	0.5 BN/BU	Right Rear Down
14	0.5 YE	Right Rear Up
15	-	-
16	-	-
17	0.5 GN	Left Camera VIDEO +
18	-	Left Camera VIDEO -

Pin No.	Wire Diameter/Color	Function
19	0.5 WH/RD	Left Camera Grounding
20	0.5 BK/YE	Left Camera Power Supply
21	0.5 BK	Grounding
22	0.5 YE/BN	Driver Side Door Touch Handle +
23	0.5 RD/GN	Heating Signal
24	0.5 YE/GN	Left Front Speaker +
25	0.5 YE/BU	Left Front Speaker -
26	0.5 BK	Grounding

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 1

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 1



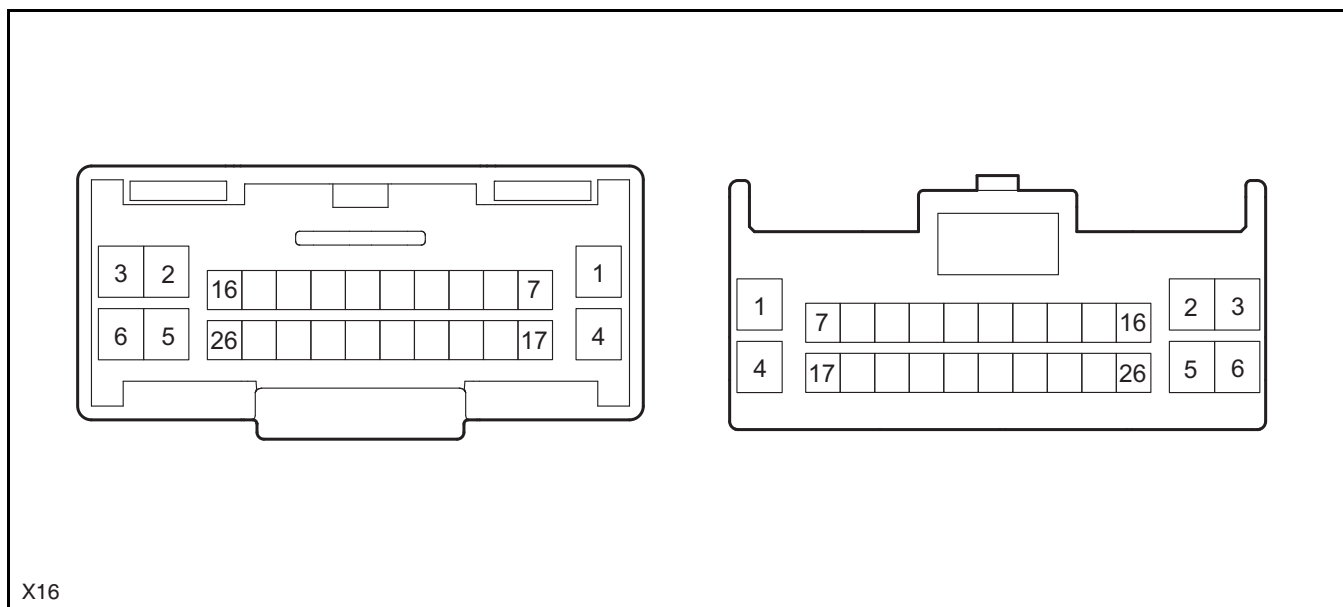
X15 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	0.5 GN/BK	Welcome Lamp Signal
7	0.5 YE/WH	Door Lock Motor Unlock
8	0.5 YE/BU	Door Lock Motor Lock
9	-	-
10	0.5 RD/YE	Backlight Power Supply
11	0.5 BU	Right Camera VIDEO +
12	-	Right Camera VIDEO -

Pin No.	Wire Diameter/Color	Function
13	0.5 RD	Right Camera Grounding
14	0.5 BK/WH	Right Camera Power Supply
15	-	-
16	0.3 WH	Right Front Door Unlock Status
17	0.5 GN/BU	LIN Wire
18	-	-
19	-	-
20	0.5 WH/VT	Window Switch Relay Control
21	0.5 YE/WH	Right Front Up
22	0.5 BU/WH	Right Front Down
23	0.5 YE/BK	Lock Window
24	0.3 GN/RD	Right Blind Spot Lamp

Instrument Panel Wiring Harness to Right Front Door
Wiring Harness - 2

Right Front Door Wiring Harness to Instrument Panel
Wiring Harness - 2



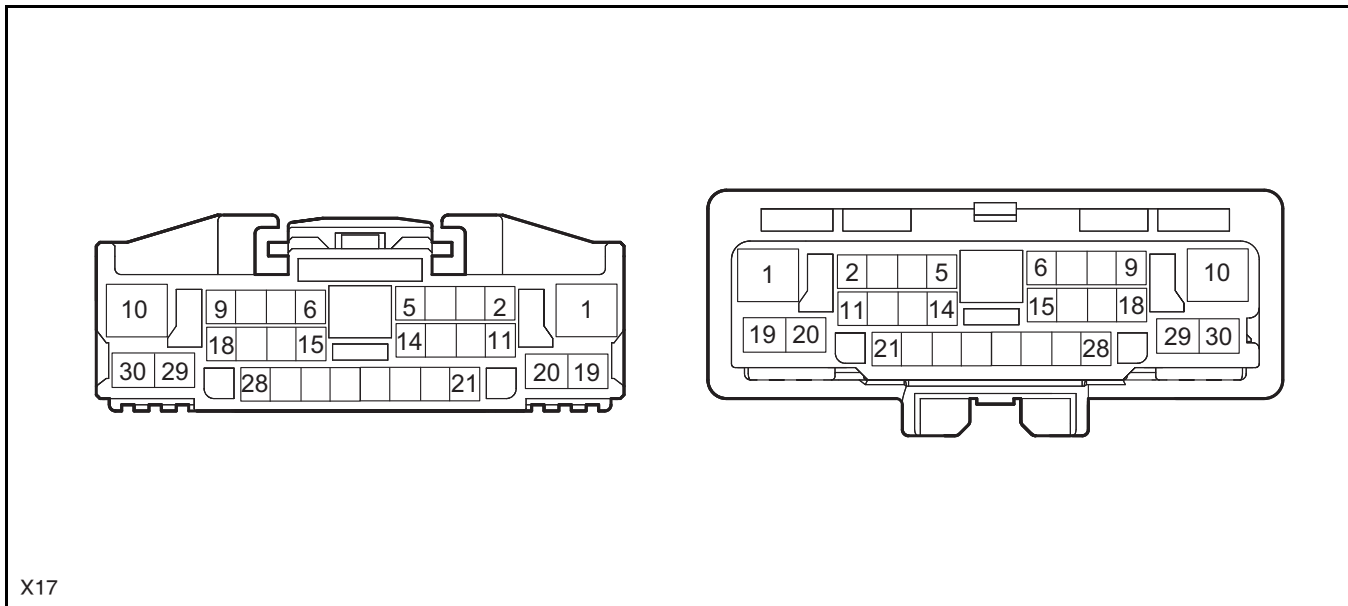
X16 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK	Grounding
2	2.0 RD/YE	Engine Compartment Fuse Box Constant ON
3	-	-
4	-	-
5	-	-
6	-	-
7	0.5 RD/BU	Rearview Mirror Up-Down Adjustment
8	0.5 LG	Rearview Mirror Left-Right Adjustment
9	0.5 RD/BK	Rearview Mirror Adjustment Public Terminal
10	0.5 BU/YE	Rearview Mirror Extending
11	0.5 BU/BK	Rearview Mirror Folding
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	0.5 GN/RD	Right Camera VIDEO +
18	-	Right Camera VIDEO -
19	0.5 RD/WH	Right Camera Grounding
20	0.5 BK/WH	Right Camera Power Supply
21	0.5 BK	Grounding
22	0.5 BU	Front Passenger Side Door Touch Handle +

Pin No.	Wire Diameter/Color	Function
23	0.5 RD/GN	Heating Signal
24	0.5 WH/BU	Right Front Speaker +
25	0.5 WH/GN	Right Front Speaker -
26	0.5 BK	Grounding

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Center

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Center



X17

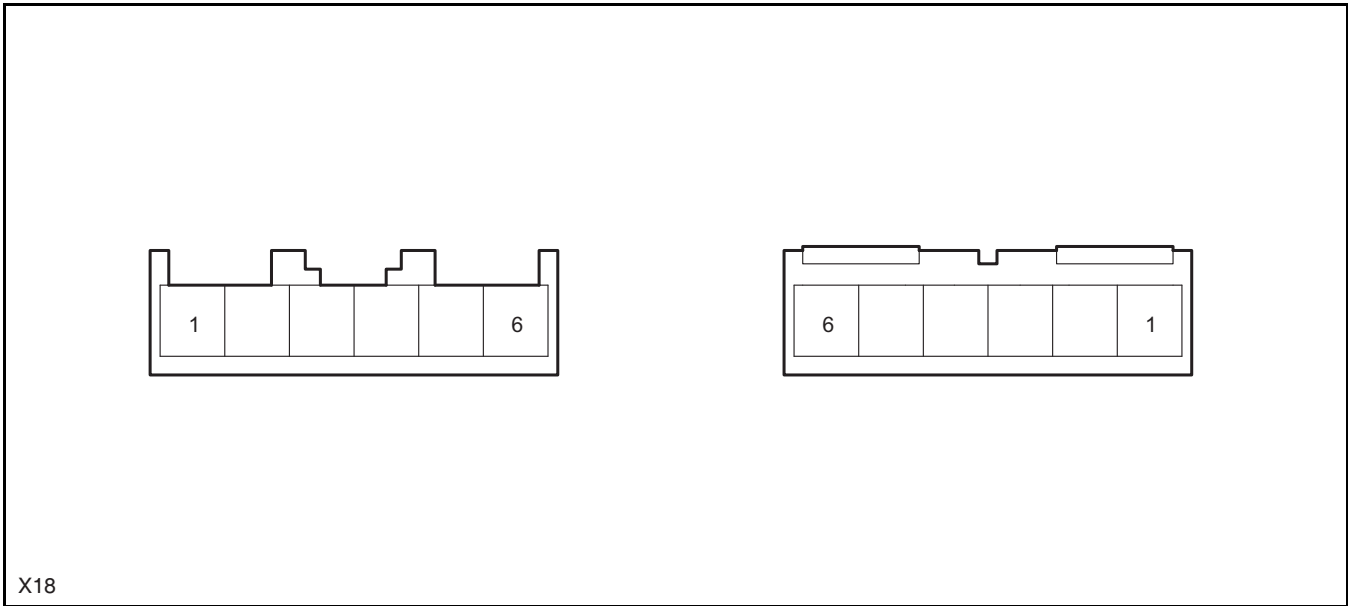
X17 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/GN	Rear Defroster Positive
2	-	-
3	0.5 WH/BU	Power Supply
4	-	-
5	-	-
6	-	-
7	0.5 GN/RD	Reversed Power Supply
8	-	-
9	-	-
10	2.0 RD/BU	Power Outlet Power Supply
11	-	-
12	-	-
13 (for Level2, Level4 Models)	0.3 VT/RD	Driver Seat Ventilation Switch Signal

Pin No.	Wire Diameter/Color	Function
14 (for Level2, Level4 Models)	0.3 YE/GN	Front Passenger Seat Ventilation Switch Signal
15	-	-
16	-	-
17 (for Level2, Level4 Models)	0.3 YE/BU	Front Passenger Seat Ventilation Level 1 Switch Signal
18 (for Level2, Level4 Models)	0.3 YE/BK	Front Passenger Seat Ventilation Level 2 Switch Signal
19 (for Level2, Level4 Models)	1.25 RD	Power Supply (Constant ON)
20	-	-
21 (for Level2, Level4 Models)	0.3 VT/WH	Driver Seat Ventilation Level 2 Switch Signal
22 (for Level2, Level4 Models)	0.3 VT	Driver Seat Ventilation Level 1 Switch Signal
23	-	-
24	-	-
25 (for Level4 Model)	0.5 GN/BU	Panoramic Video Signal
26	-	-
27	-	-
28	0.5 BU/BN	IG1 Power Supply
29	-	-
30	-	-

Instrument Panel Wiring Harness to Sunlight Sensor
Wiring Harness

Sunlight Sensor Wiring Harness to Instrument Panel
Wiring Harness

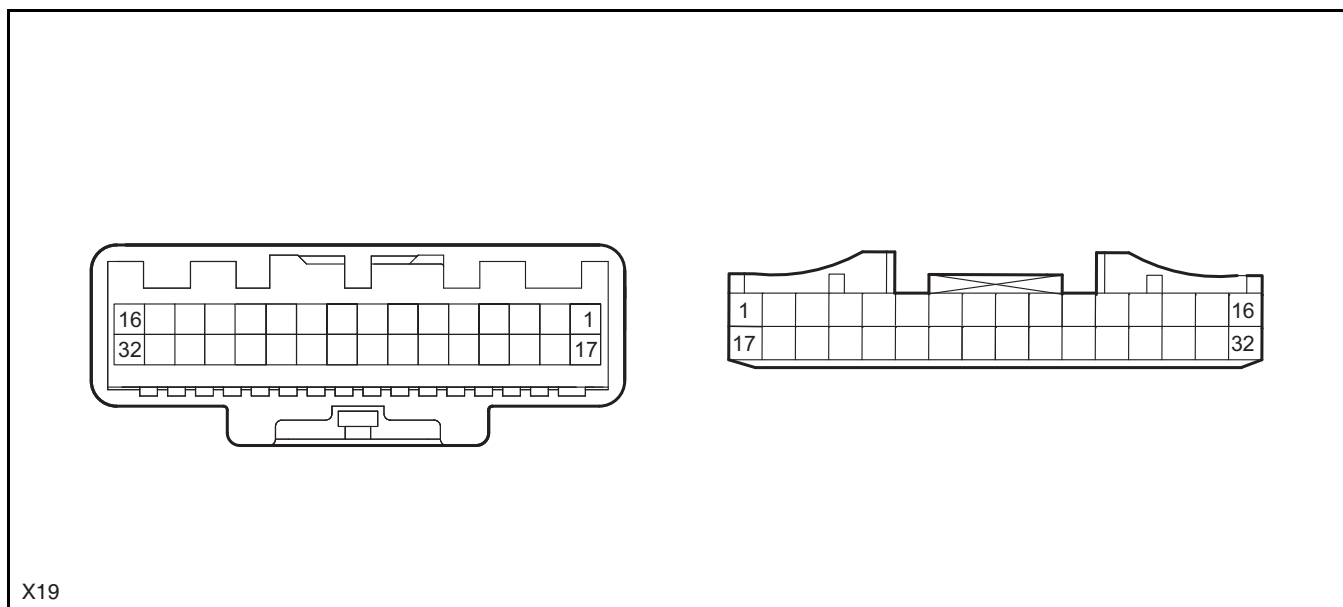


X18 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BK	Ambient Light Sensor Grounding
2	0.3 GN/BU	Ambient Light Sensor Signal
3	-	-
4	0.3 GN/RD	Sunlight Sensor Grounding
5	0.5 VT/RD	Sunlight Sensor Signal
6	0.5 RD/BU	Power Supply

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 1



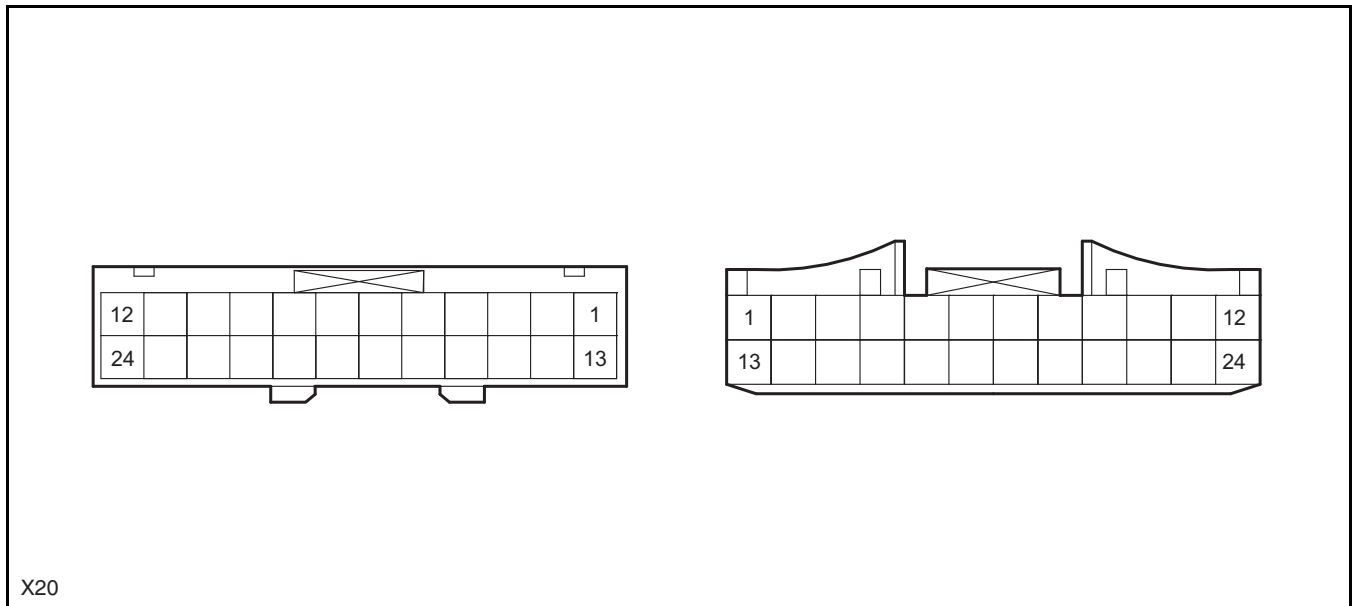
X19 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/VT or 0.5 BN/YE	Window Switch Relay Power Supply
2	0.5 YE/BK	Child Lock Signal
3	0.3 WH/GN	Left Front Door Contact Switch Signal
4	0.3 WH/OG	Left Rear Door Contact Switch Signal
5	-	-
6	-	-
7	-	-
8	0.5 OG/WH	Left Rear Fog Lamp Output Signal
9	0.3 GY	Right Reversing Radar Sensor Signal
10	0.3 YE/GN	Grounding
11	0.3 VT/PK	Left Reversing Radar Sensor Signal
12	0.3 RD/YE	Left Center Reversing Radar Sensor Signal
13	0.3 WH	Power Supply
14	0.3 GY/BU	Right Center Reversing Radar Sensor Signal
15	-	-
16	0.5 RD/WH	Constant ON
17	0.5 YE/GN	IG1 Power Supply
18	0.5 PK/GN	Left Rear Door Window Switch Down Signal
19	0.5 PK/BK	Left Rear Door Window Switch Up Signal
20	0.5 BN/BU	Right Rear Door Window Switch Down Signal
21	0.5 GN	Luggage Compartment Lamp Control Signal
22	0.5 GN/WH	Left Rear Turn Lamp Signal

Pin No.	Wire Diameter/Color	Function
23	0.5 OG	Luggage Compartment Lamp Power Supply
24	0.5 YE	Right Rear Door Window Switch Up Signal
25	0.3 GY/RD	Driver Airbag +
26	0.3 GY/BN	Driver Airbag -
27	0.5 BN/WH	Left Rear Door Low Pitched Horn RL -
28	0.5 BN	Left Rear Door Low Pitched Horn RL +
29	-	-
30	0.5 BN/YE	Brake Switch Relay Power Supply
31	-	-
32	-	-

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Left 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Left 2



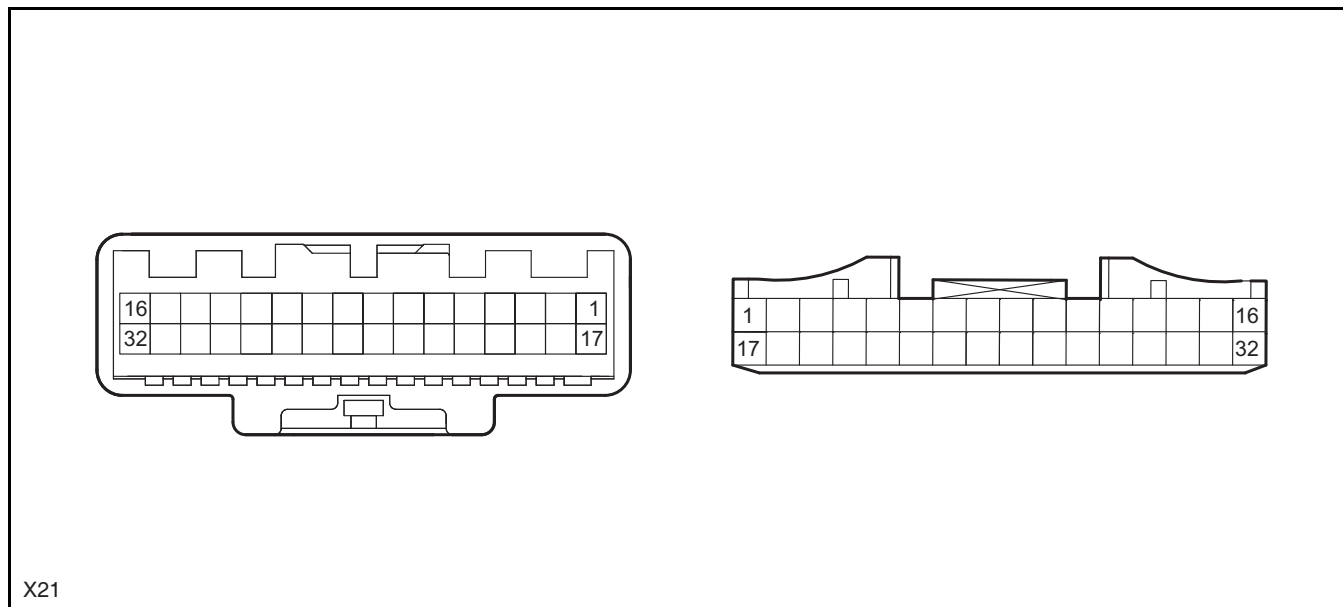
X20 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/BU	Signal Grounding
2	0.5 YE	Power Supply
3	0.5 RD/BU	Backlight Power Supply
4	-	-
5	-	-
6	-	-
7	-	-
8	0.5 GN	Rear Camera VIDEO +
9		Rear Camera VIDEO -
10	0.5 WH/RD	Rear Camera Power Supply
11	0.5 BK/YE	Rear Camera Grounding
12	-	-
13	0.5 RD/GN	IGN1 Power Supply
14	0.5 BK/RD	Signal Grounding
15	-	-
16	0.3 PK/BK	Left Rear Antenna -
17	0.3 PK	Left Rear Antenna +
18	0.3 BN	Rear Bumper Antenna +
19	0.3 BN/BK	Rear Bumper Antenna -
20	-	-
21	-	-
22	0.3 YE/RD	Fuel Signal

Pin No.	Wire Diameter/Color	Function
23	0.3 BU/RD	Fuel Level Sensor Grounding
24	-	-

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 1

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 1



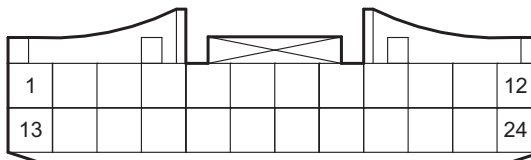
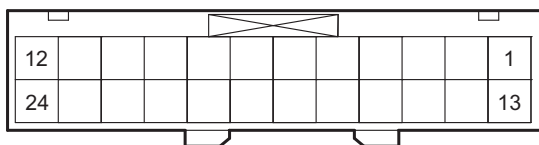
X21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 VT/PK	Rear Wiper Motor Power Supply
3	0.3 WH/OG	To Right Front Door Contact Switch
4	0.3 WH/YE	To Right Rear Door Contact Switch
5	0.5 RD/WH	PER
6	0.5 BK/WH	Grounding
7	-	Right Camera VIDEO -
8	0.5 GN/RD	Right Camera VIDEO +
9	-	-
10	-	-
11	0.3 YE/BK	Collision Output Signal
12	-	-
13	-	-
14	-	-
15	0.5 GN/BK	High Speed CAN-L
16	0.5 GN	High Speed CAN-H
17	-	-
18	-	-

Pin No.	Wire Diameter/Color	Function
19	0.5 GN/BU	Reversing Camera +
20	-	-
21	-	-
22	0.5 GN/BK	Right Turn Lamp Signal
23	-	-
24	-	-
25	0.3 BN/BU	Front Passenger Frontal Airbag -
26	0.3 BN/YE	Front Passenger Frontal Airbag +
27	0.5 WH/BK	Right Rear Door High Pitched Horn RL -
28	0.5 WH	Right Rear Door High Pitched Horn RL +
29	-	-
30	-	-
31	0.5 WH	Rear Camera Grounding
32	0.5 RD	Rear Camera Power Supply

Chassis Wiring Harness to Instrument Panel Wiring
Harness - Right 2

Instrument Panel Wiring Harness to Chassis Wiring
Harness - Right 2



X22

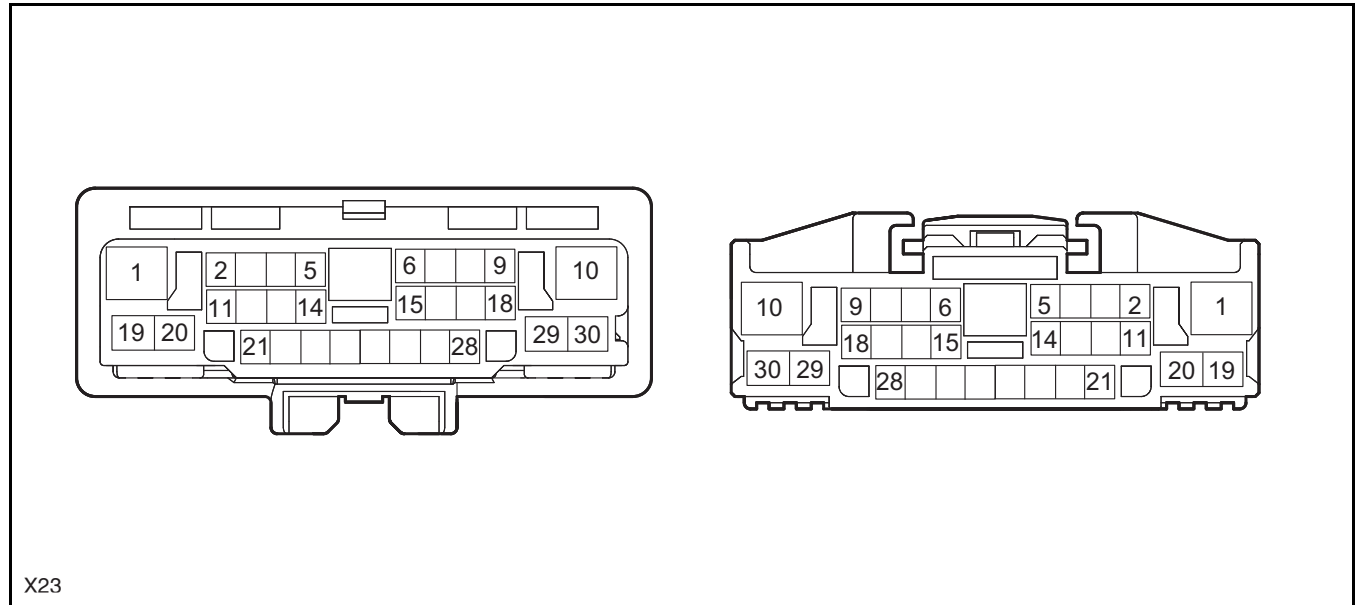
X22 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 LG	Low Speed CAN-H
2	0.5 LG/BK	Low Speed CAN-L
3	-	-
4	-	-
5	-	-
6	0.3 BU/YE	Right Rear Antenna -
7	0.3 BU	Right Rear Antenna +
8	0.3 PK/GN	Luggage Compartment Switch Signal
9	0.3 OG	Back Door Lock Motor Switch Signal
10	0.5 BU/YE	Back Door Lock Motor Unlock Signal
11	0.5 YE/BU	Right Rear Door Lock Motor Lock
12	0.5 YE/WH	Right Rear Door Lock Motor Unlock
13	0.5 OG/BK	Rear Turn Lamp Malfunction Diagnosis Signal
14	-	-
15	-	-
16	-	-
17	0.5 RD/GN	Radio Frequency Module Enabled Control
18	0.5 BU/BK	Radio Frequency Module Grounding Wire
19	0.5 OG/GN	Radio Frequency Module Input
20	-	-
21	-	-
22	-	-

Pin No.	Wire Diameter/Color	Function
23	0.5 GY/RD	Power Supply
24	0.5 RD	Grounding

Roof Wiring Harness to Instrument Panel Wiring
Harness

Instrument Panel Wiring Harness to Roof Wiring
Harness



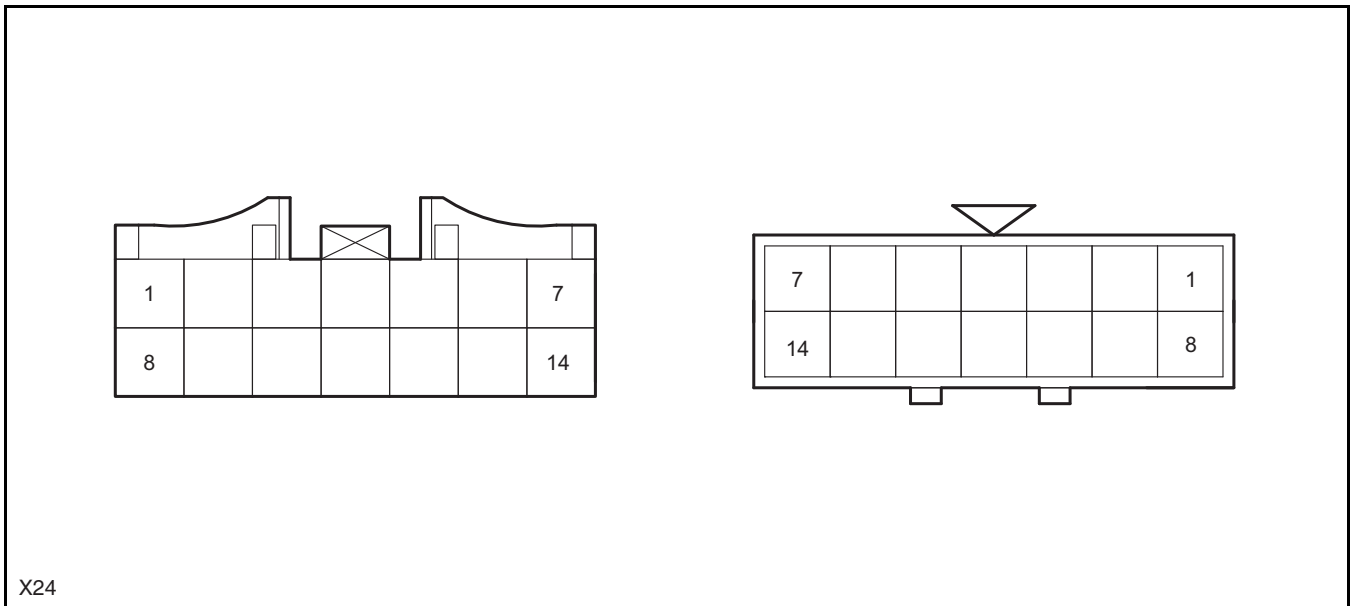
X23 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.5 RD	Power Supply
2	-	-
3	0.5 RD/BN	Front Dome Lamp Output Power Supply Signal
4	0.5 RD/YE	Front Dome Lamp Backlight Power Supply
5	-	-
6	0.5 LG/BU	Sunroof LIN
7	0.3 BU/GN	Rain Sensor Grounding
8	0.5 BU	Microphone 1 +
9	0.5 BU/YE	Microphone 1 -
10	-	-
11	0.5 BN/RD	Rain Sensor Power Supply
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	0.5 YE/GN	Atmosphere Lamp Power Supply

Pin No.	Wire Diameter/Color	Function
19	0.85 RD/YE	Rear Dome Lamp Power Supply
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	0.5 GN/RD	USB Power Supply
29	-	-
30	-	-

Left Rear Door Wiring Harness to Chassis Wiring
Harness

Chassis Wiring Harness to Left Rear Door Wiring
Harness

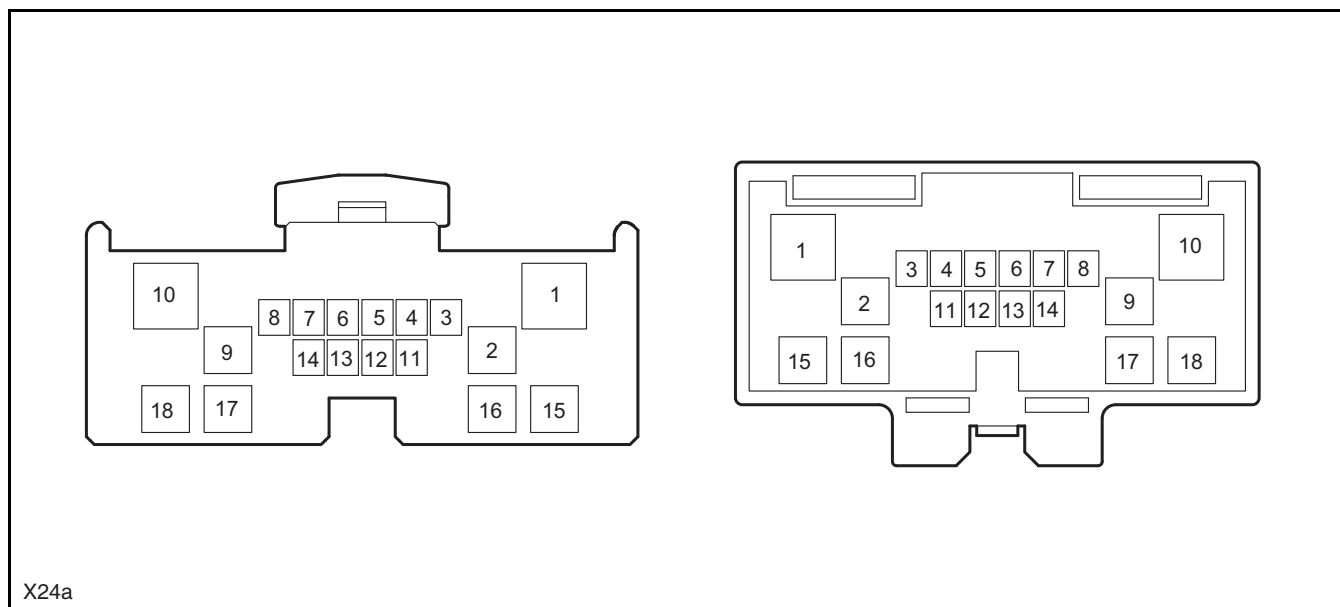


X24 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK/GN	Left Rear Door Window Switch Down Signal
2	0.5 PK/BK	Left Rear Door Window Switch Up Signal
3	0.5 YE/BK	Child Lock Signal
4	0.5 RD/YE	Backlight Power Supply
5	-	-
6	-	-
7	0.5 BN/WH	Left Rear Woofer -
8	-	-
9	0.5 WH/VT	Window Switch Relay Power Supply
10	0.5 YE/BU	Left Rear Door Lock Motor Lock
11	0.5 YE/WH	Left Rear Door Lock Motor Unlock
12	2.0 BK	Grounding
13	2.0 RD/BK	Constant ON
14	0.5 BN	Left Rear Woofer +

Left Rear Door Wiring Harness
to Chassis Wiring
Harness

Chassis Wiring Harness
to Left Rear Door Wiring
Harness

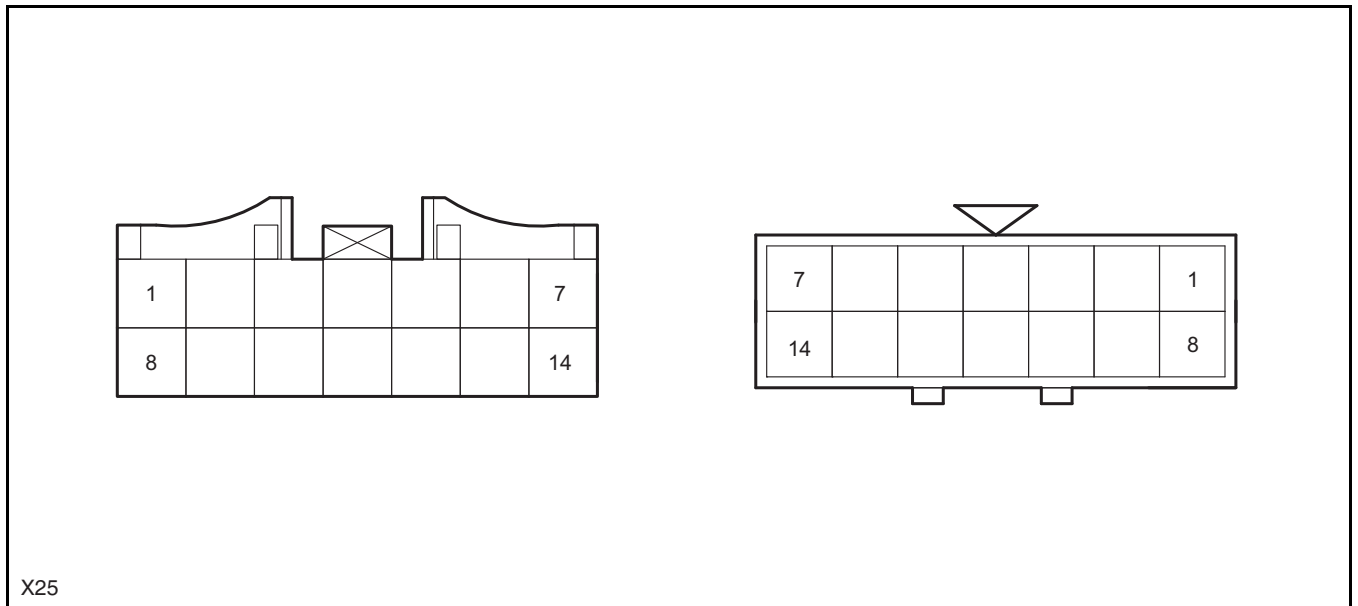


X24a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/BK	Constant ON
2	-	-
3	0.3 BU or 0.3 PK/BK	Left Rear Antenna -
4	0.3 BU/YE or 0.3 PK	Left Rear Antenna +
5	-	-
6	-	-
7	0.5 BN/WH	Left Rear Woofer -
8	0.5 BN	Left Rear Woofer +
9	0.5 RD/YE	Window Switch Relay Power Supply
10	2.0 BK	Grounding
11	0.5 YE/BK	Child Lock Signal
12	0.5 WH/VT	Window Switch Relay Power Supply
13	0.5 PK/GN	Left Rear Door Window Switch Down Signal
14	0.5 PK/BK	Left Rear Door Window Switch Up Signal
15	-	-
16	0.5 YE/BU	Left Rear Door Lock Motor Lock
17	0.5 YE/WH	Left Rear Door Lock Motor Unlock
18	-	-

Right Rear Door Wiring Harness to Chassis Wiring
Harness

Chassis Wiring Harness to Right Rear Door Wiring
Harness

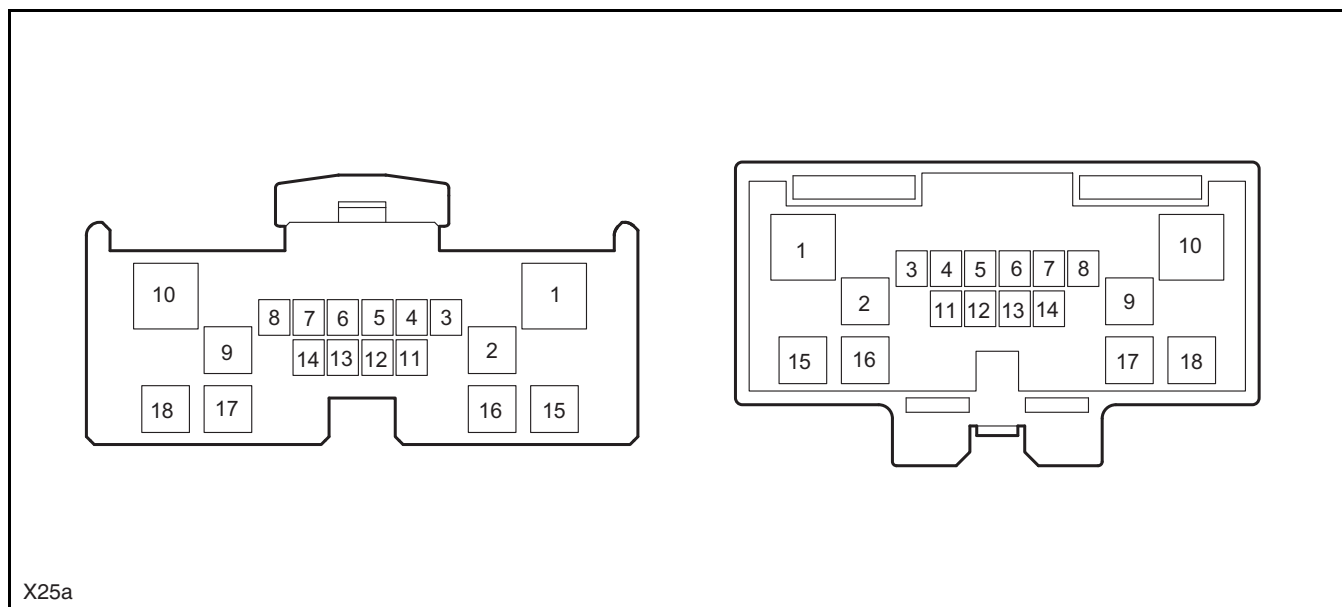


X25 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/BU	Right Rear Door Window Switch Down Signal
2	0.5 YE	Right Rear Door Window Switch Up Signal
3	0.5 YE/BK	Child Lock Signal
4	0.5 RD/YE	Backlight Power Supply
5	-	-
6	-	-
7	0.5 WH/BK	Right Rear Door Window Switch Up Signal
8	-	-
9	0.5 WH/VT	Window Switch Relay Power Supply
10	0.5 YE/BU	Right Rear Door Lock Motor Lock
11	0.5 YE/WH	Right Rear Door Lock Motor Unlock
12	2.0 BK	Grounding
13	2.0 RD/YE	Constant ON
14	0.5 WH	Right Rear Door Window Switch Down Signal

Right Rear Door Wiring Harness to Chassis Wiring
Harness

Chassis Wiring Harness to Right Rear Door Wiring
Harness

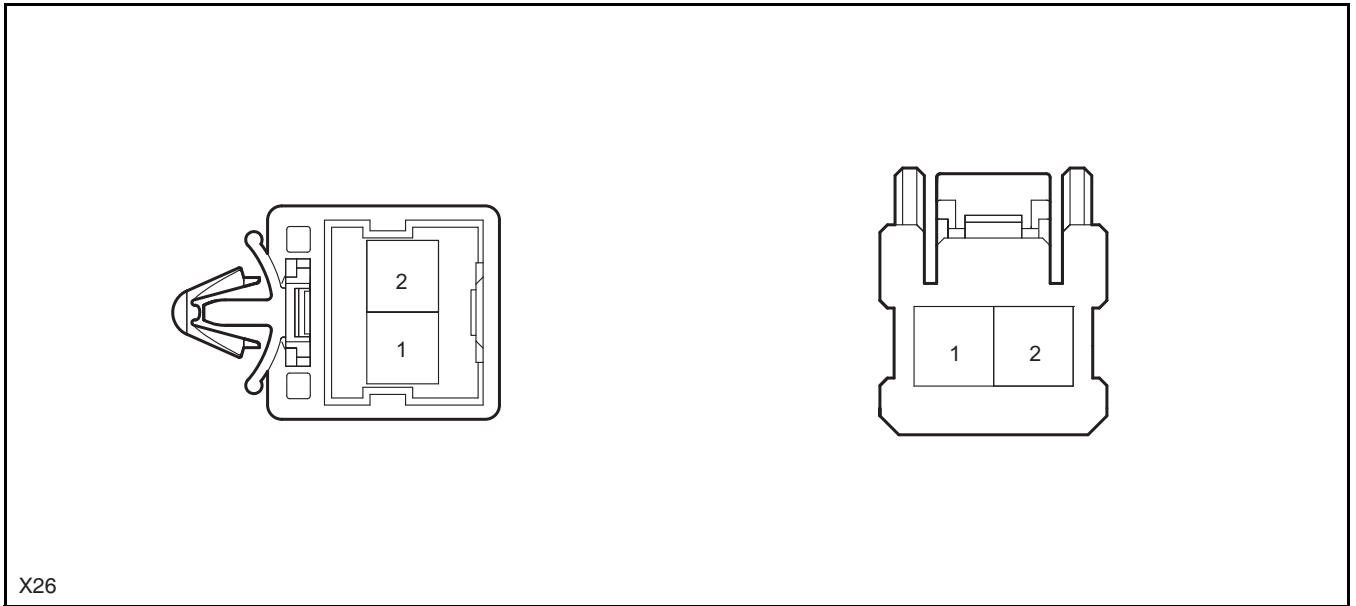


X25a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/YE	Constant ON
2	-	-
3	0.3 PK or 0.3 BU/YE	Right Rear Antenna -
4	0.3 PK/BK or 0.3 BU	Right Rear Antenna +
5	-	-
6	-	-
7	0.5 WH/BK	Right Rear Tweeter +
8	0.5 WH	Right Rear Tweeter -
9	0.5 RD/YE	Backlight Power Supply
10	2.0 BK	Grounding
11	0.5 YE/BK	Child Lock Signal
12	0.5 WH/VT	Window Switch Relay Power Supply
13	0.5 BN/BU	Left Rear Door Window Switch Down Signal
14	0.5 YE	Left Rear Door Window Switch Up Signal
15	-	-
16	0.5 YE/BU	Right Rear Door Lock Motor Lock
17	0.5 YE/WH	Right Rear Door Lock Motor Unlock
18	-	-

Chassis Wiring Harness to Electronic Parking Brake
Wiring Harness - Left

Electronic Parking Brake Wiring Harness to Chassis
Wiring Harness - Left

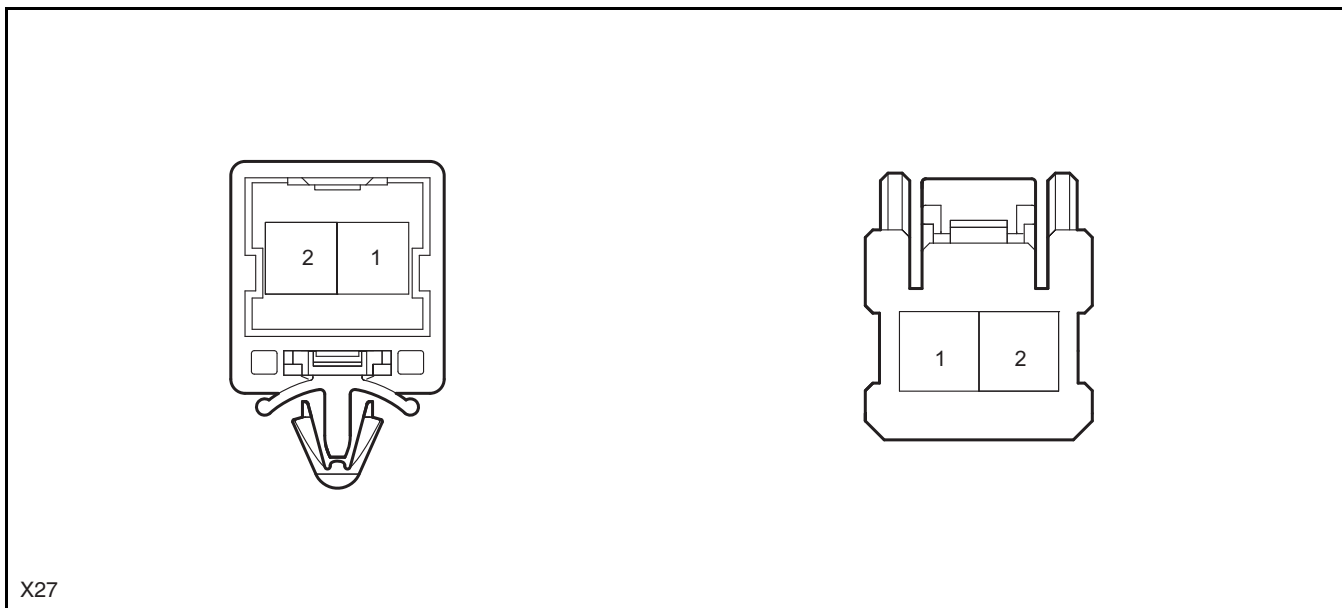


X26 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 GY	Left Motor Drive +
2	2.0 GY/BK	Left Motor Drive -

Chassis Wiring Harness to Electronic Parking Brake
Wiring Harness - Right

Electronic Parking Brake Wiring Harness to Chassis
Wiring Harness - Right

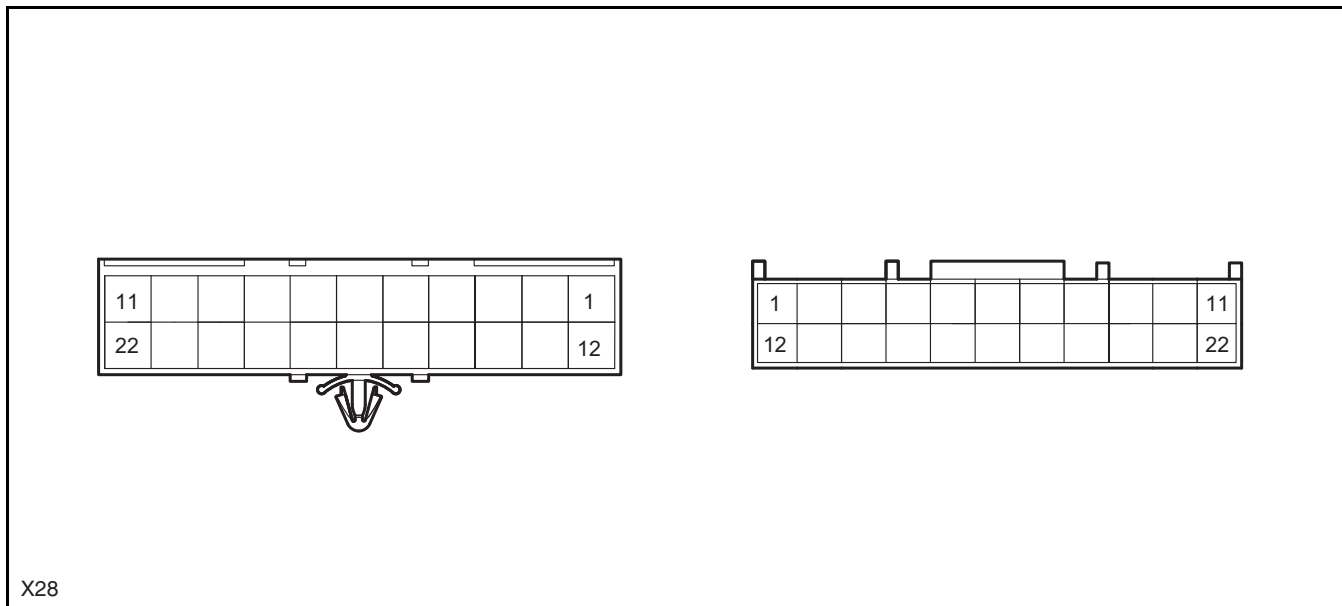


X27 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 VT	Right Motor Drive +
2	2.0 VT/BK	Right Motor Drive -

Back Door Wiring Harness to Chassis Wiring Harness

Chassis Wiring Harness to Back Door Wiring Harness

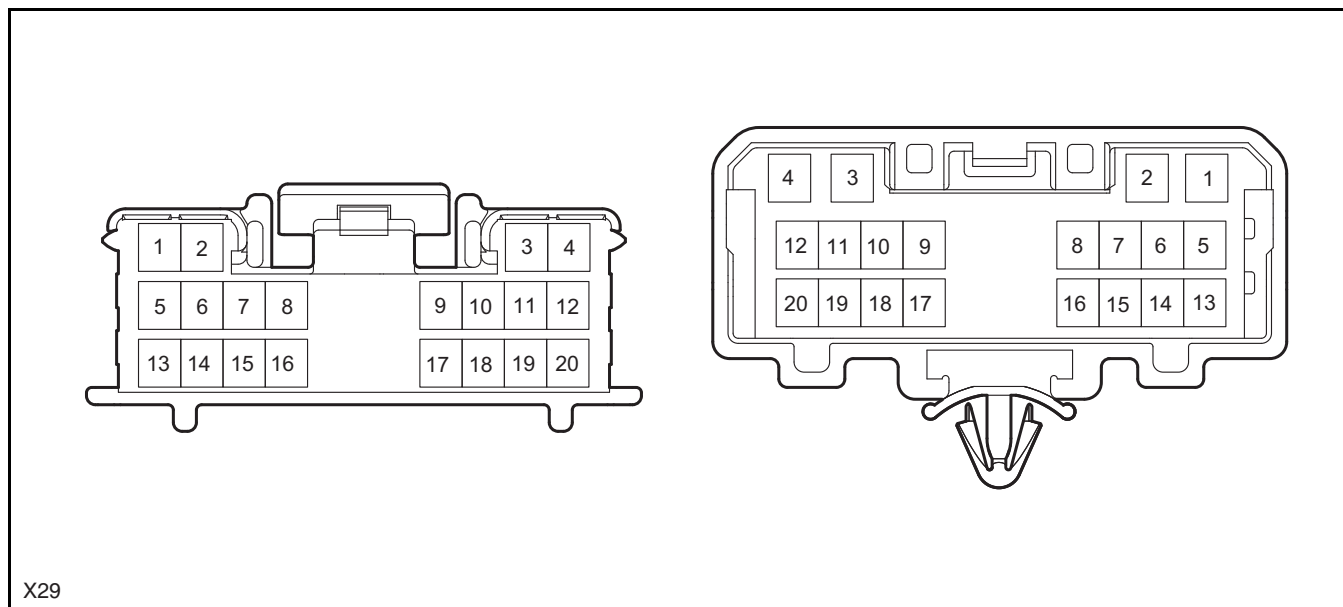
**X28 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 OG/BK	Rear Turn Lamp Malfunction Diagnosis Signal
2	0.5 BN/YE	Brake Lamp Power Supply
3	0.3 PK/GN	Luggage Compartment Switch Signal
4	2.0 RD/GN	Rear Window Defogger Positive
5	0.5 RD/BK or 0.5 RD	Power Supply
6	0.5 GN/WH	Left Turn Lamp Power Supply Signal
7	0.5 GN/BK	Right Turn Lamp Power Supply Signal
8	-	Rear Camera VIDEO -
9 (for Level2, Level3 Models)	0.5 GN/BU	Rear Camera VIDEO +
9 (for Level4 Model)	0.5 GN/BU or 0.5 GN	Rear Camera VIDEO +
10	0.5 BK/WH or 0.5 WH	Rear Camera Grounding
11	0.5 RD/WH or 0.5 RD	Rear Camera Power Supply
12	0.5 BK or 0.85 BK	Grounding
13	0.3 OG	Back Door Lock Motor Switch Signal
14	0.5 BU/YE	Back Door Lock Motor Unlock Signal
15	-	-
16	0.5 BK	Grounding
17	0.5 BK or 0.85 BK	Grounding
18	0.5 RD/BU	Signal Grounding
19	0.3 VT/PK	Rear Wiper Motor Power Supply

Pin No.	Wire Diameter/Color	Function
20	1.25 BK	Grounding
21	2.0 BK	Rear Defroster Negative
22	1.25 VT/RD	Rear Wiper Reset Signal

Rear Bumper Wiring Harness to Chassis Wiring
Harness

Chassis Wiring Harness to Rear Bumper Wiring
Harness



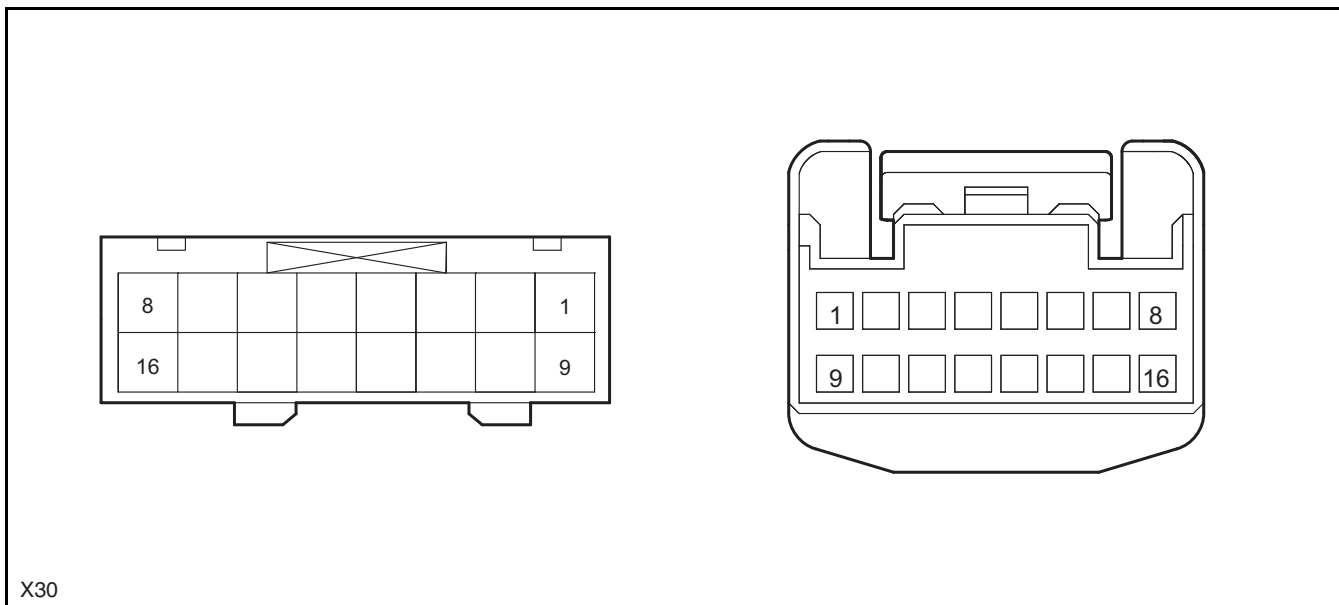
X29 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 VT/RD	Left Reversing Radar Sensor Signal
2	0.3 YE/GN	Grounding
3	0.3 RD/YE	Left Center Reversing Radar Sensor Signal
4	0.3 GY/BU	Right Center Reversing Radar Sensor Signal
5	0.3 GY	Right Reversing Radar Sensor Signal
6	0.3 GN/YE or 0.3 WH	Power Supply
7 (for Level4 Model)	0.5 GN/BK	VCAN-L
8 (for Level4 Model)	0.5 GN	VCAN-H
9 (for Level4 Model)	0.5 RD/WH	Constant ON
10 (for Level4 Model)	0.5 YE/GN	IG1 Power Supply
11 (for Level4 Model)	0.5 BK	Grounding
12	-	-

Pin No.	Wire Diameter/Color	Function
13	0.5 OG/WH	Left Rear Fog Lamp Output Signal
14	0.85 BK	Grounding
15	0.5 BK/RD	Signal Grounding
16	-	-
17	-	-
18	-	-
19 (for Level2, Level3, Level4 Models)	0.3 BN	Rear Bumper Antenna +
20 (for Level2, Level3, Level4 Models)	0.3 BN/BK	Rear Bumper Antenna -

Back Door Wiring Harness to License Plate Lamp
Wiring Harness

License Plate Lamp Wiring Harness to Back Door
Wiring Harness

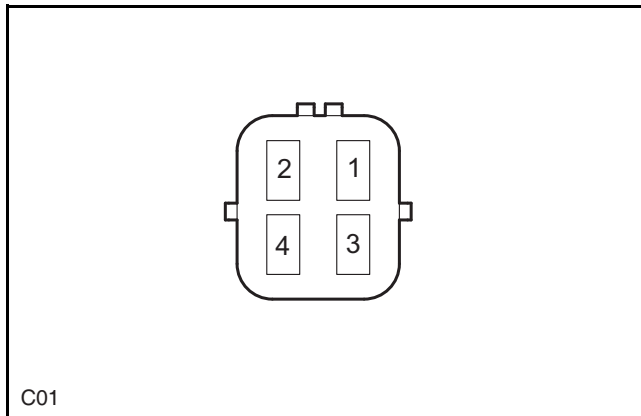


X30 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 WH	Rear Camera Grounding
3	0.5 RD	Rear Camera Power Supply
4	0.5 GN/BU	Rear Camera VIDEO +
5	0.5 RD/BU	Grounding
6	-	-
7	-	-
8	-	-
9	-	-
10	0.3 PK/GN or 0.5 PK/GN	Luggage Compartment Switch Signal
11	0.5 BK	Grounding
12	-	Rear Camera VIDEO -
13	-	-
14	-	-
15	-	-
16	-	-

Engine Compartment Wiring Harness Connector (C--)

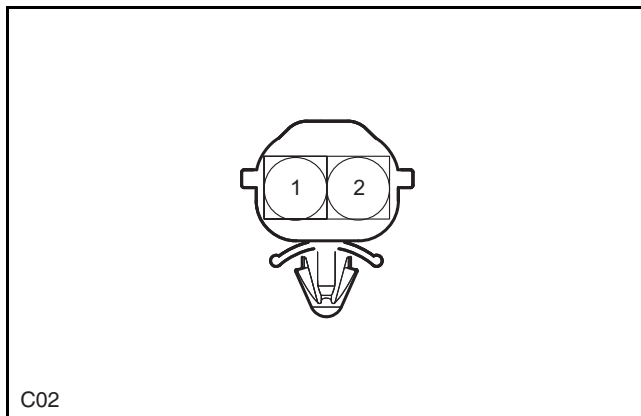
Right Front Turn Lamp



C01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/BK	Right Turn Lamp Signal
2	0.5 WH	Right Front Turn Lamp Malfunction Diagnosis
3	0.5 BK	Grounding
4	-	-

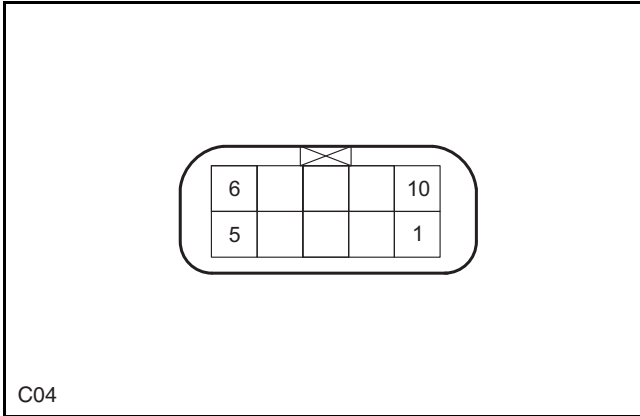
Right Front Wheel Speed Sensor



C02 Wiring Harness Connector Pin Definition

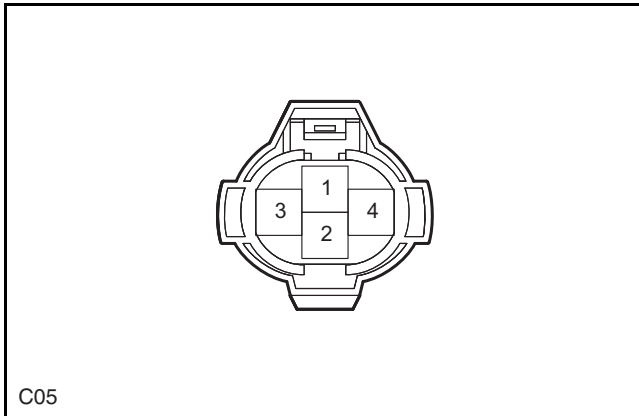
Pin No.	Wire Diameter/Color	Function
1	0.3 GN/BU	Right Front Wheel Speed Sensor +
2	0.3 GN/YE	Right Front Wheel Speed Sensor -

Right Front Combination Lamp

**C04 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	1.25 GN/WH	Low Beam Lamp Power Supply
2	0.5 RD/BU	Position Lamp Power Supply
3	1.25 GN	High Beam Lamp Power Supply
4	1.25 WH/GN	Daytime Running Lamp Power Supply
5	1.25 GN/WH	Adjustment Motor Power Supply
6	1.25 BK	Grounding
7	0.5 RD/GN	Light Angle Adjustment Switch Signal
8	1.25 BK	Grounding
9	0.5 BK	Grounding
10	1.25 BK	Grounding

Tristate Pressure Switch

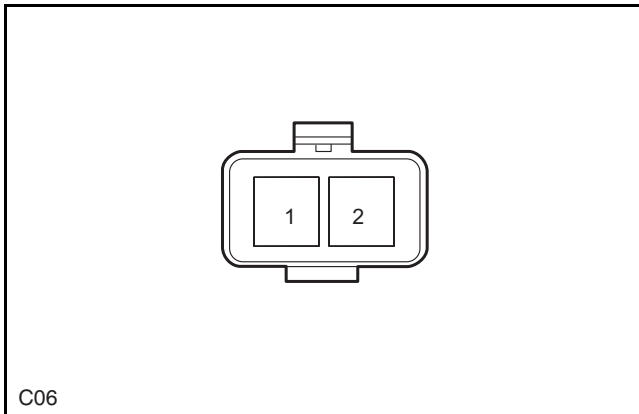


C05

C05 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BK	Grounding
2	0.5 RD/BU	Air Conditioning System Operating Condition
3	0.3 BK	Grounding
4	0.5 GN/BU	A/C Compressor Medium Pressure Switch

Engine Hood Switch

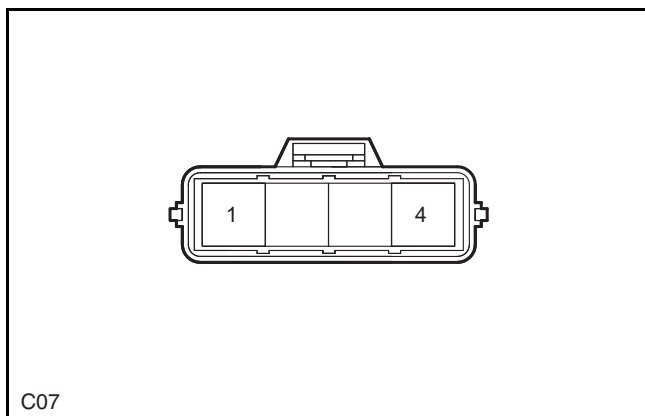


C06

C06 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 RD/BN	Engine Contact Switch Signal
2	0.5 BK	Engine Contact Switch Grounding

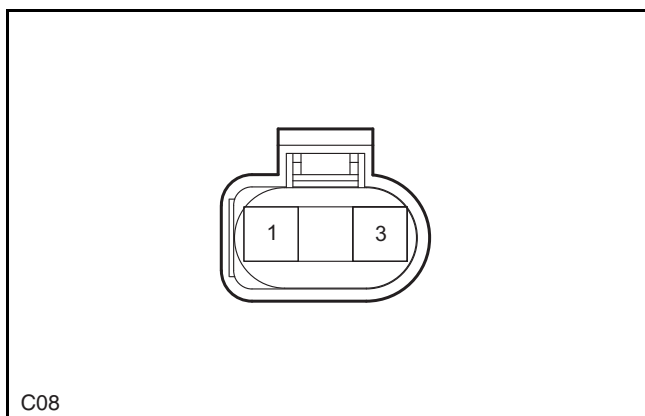
Intercooler Pressure Sensor



C07 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/GN	Sensor Grounding 1
2	0.5 RD/GN	Intercooler Pressure Sensor 1
3	0.5 PK/BU	Sensor 1 Power Supply
4	0.5 GN/RD	Intercooler Pressure Sensor 2

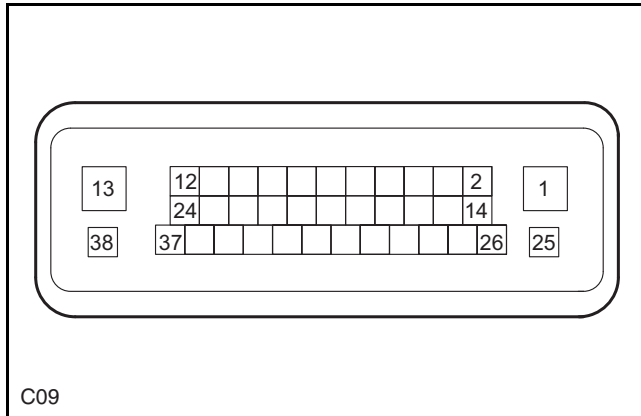
Brake Vacuum Sensor



C08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Vacuum Sensor Power Supply Wire
2	0.5 RD/BU	Vacuum Sensor Grounding Wire
3	0.5 RD/BK	Vacuum Sensor Signal Wire

ESP

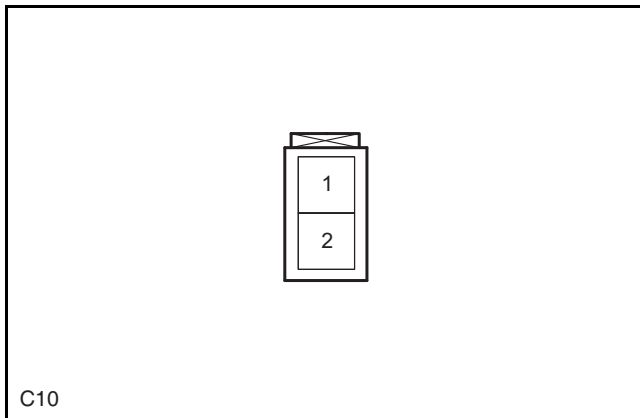


C09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	3.0 GN/RD	Engine Compartment Fuse Box Constant ON
2	0.5 RD	Engine Compartment Fuse Box Constant ON
3	-	-
4	0.3 GN/WH	ESP Switch Signal
5	0.3 WH	EPB Switch Signal
6	0.5 VT	Ignition Switch IG1
7	-	-
8	0.5 VT/RD	HDC Switch Signal
9	-	-
10	0.3 GN/BK	High Speed CAN-L
11	0.3 GN	High Speed CAN-H
12	-	-
13	3.0 BK	Grounding Wire
14	-	-
15	0.3 RD/WH	EPB Switch Signal
16	-	-
17	0.5 RD/YE	Vacuum Sensor Power Supply Wire
18	-	-
19	-	-
20	-	-
21	0.5 RD/BK	Vacuum Sensor Signal Wire
22	-	-
23	0.5 RD/BU	Vacuum Sensor Grounding Wire
24	-	-
25	2.0 GN	Engine Compartment Fuse Box Constant ON
26	0.3 GN/YE	Right Front Wheel Speed Sensor -

Pin No.	Wire Diameter/Color	Function
27	0.3 GN/BU	Right Front Wheel Speed Sensor +
28	0.5 OG	-
29	0.3 BU	Left Rear Wheel Speed Sensor +
30	0.3 BU/YE	Left Rear Wheel Speed Sensor -
31	-	-
32	-	-
33	0.3 PK	Right Rear Wheel Speed Sensor -
34	0.3 PK/BK	Right Rear Wheel Speed Sensor +
35	-	-
36	0.3 GY/RD	Left Front Wheel Speed Sensor -
37	0.3 GY/BN	Left Front Wheel Speed Sensor +
38	-	-

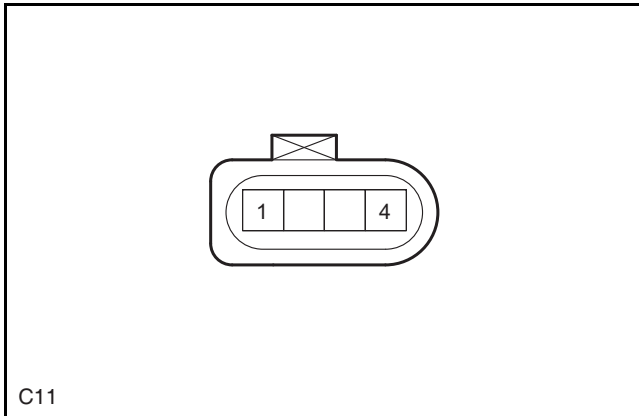
Brake Fluid Level Sensor



C10 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/GN	Brake Fluid Level Sensor Power Supply
2	0.5 BK	Brake Fluid Level Sensor Grounding

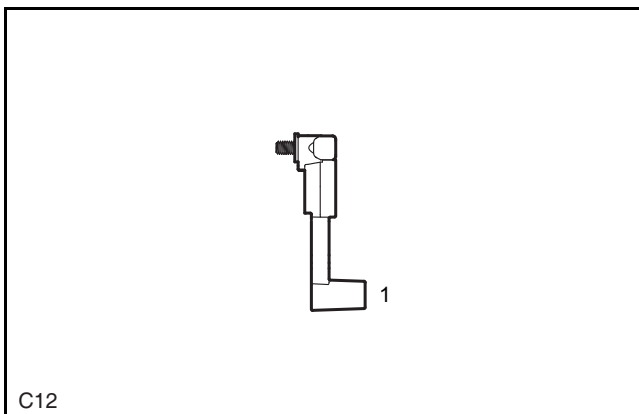
Front Wiper Motor



C11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 VT	Front Wiper Motor High Speed
2	2.0 VT/BK	Front Wiper Motor Low Speed
3	0.5 RD/WH	Front Wiper Motor Reset
4	2.0 BK	Front Wiper Motor Grounding

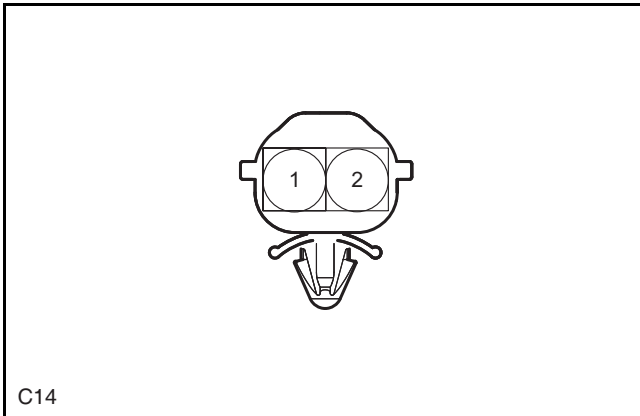
Battery Negative



C12 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	20.0 BK	Grounding

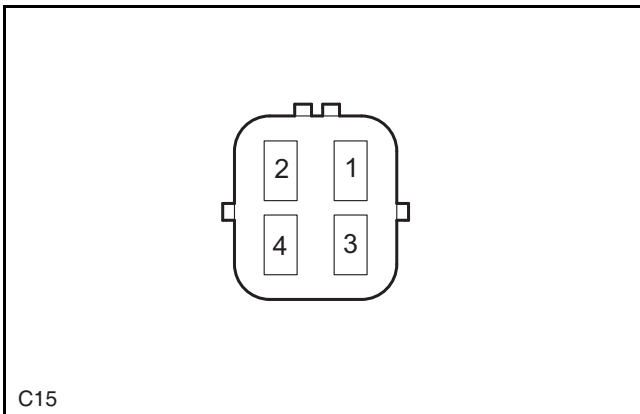
Left Front Wheel Speed Sensor



C14 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GY/RD	Left Front Wheel Speed Sensor +
2	0.3 GY/BN	Left Front Wheel Speed Sensor -

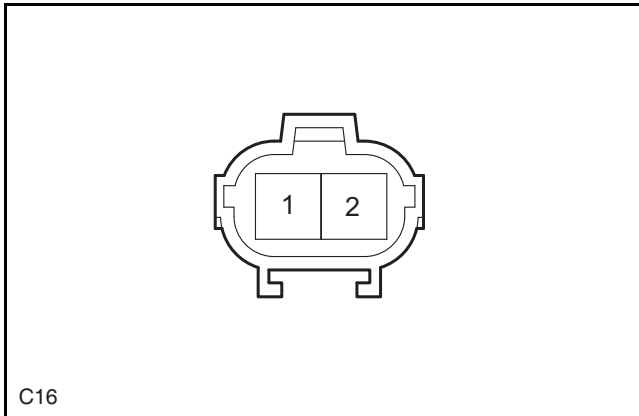
Left Front Turn Lamp



C15 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/WH	Left Front Turn Lamp Signal
2	0.5 WH	Left Front Turn Lamp Malfunction Diagnosis
3	0.5 BK	Left Front Turn Lamp Grounding
4	-	-

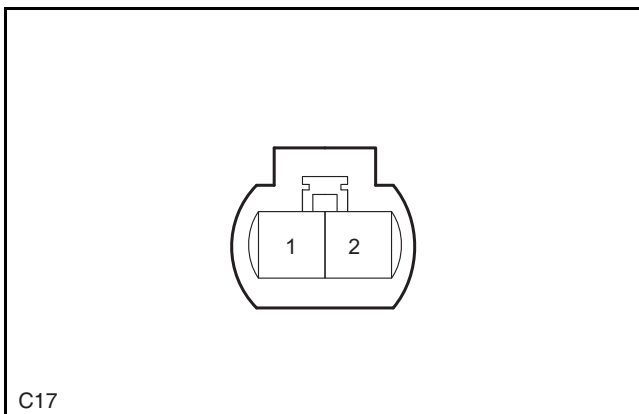
Right Front Fog Lamp



C16 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/BN	Right Front Fog Lamp Control
2	0.5 BK	Right Front Fog Lamp Grounding

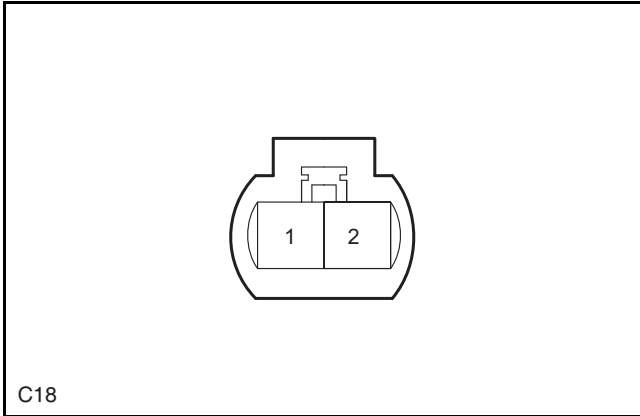
Rear Washer Motor



C17 Wiring Harness Connector Pin Definition

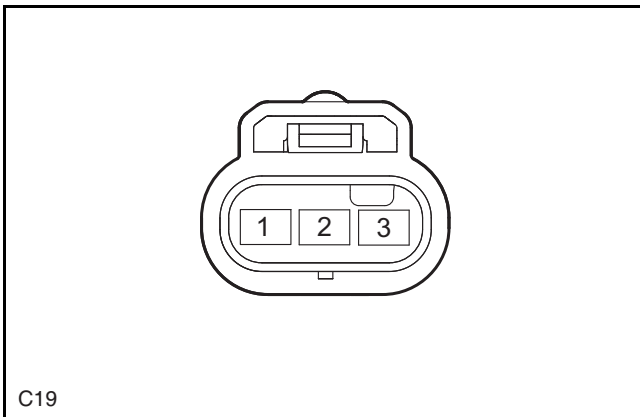
Pin No.	Wire Diameter/Color	Function
1	0.5 VT/GN	Rear Washer Motor Power Supply
2	0.5 BK	Rear Washer Motor Grounding

Front Washer Motor

**C18 Wiring Harness Connector Pin Definition**

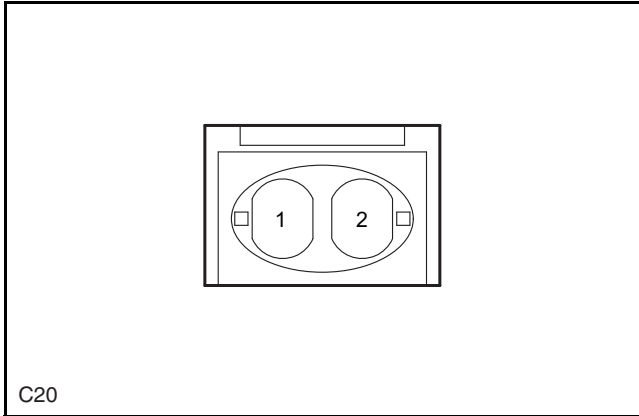
Pin No.	Wire Diameter/Color	Function
1	0.5 GN/YE	Front Washer Motor Power Supply
2	0.5 BK	Front Washer Motor Grounding

Right Front Reversing Radar Sensor

**C19 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.3 RD	Right Front Sensor Power Supply
2	0.3 GN	Right Front Sensor Signal
3	0.3 BN	Right Front Sensor Grounding

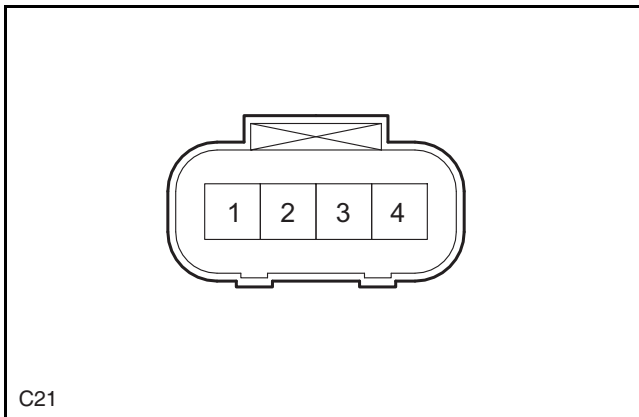
Electric Horn - 2



C20 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/OG	Electric Horn Positive
2	0.85 BK	Electric Horn Negative

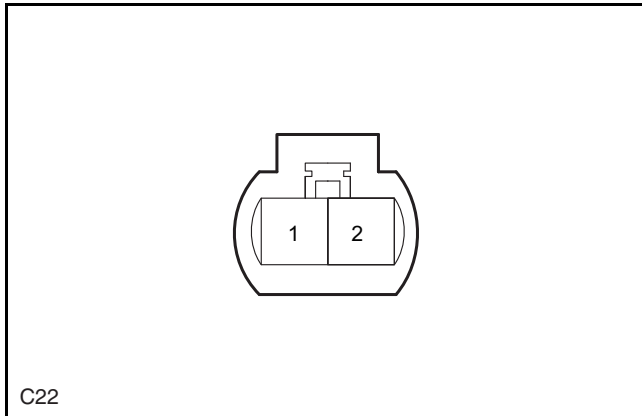
Front Camera



C21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/WH	Front Camera Power Supply
2	0.5 RD/GN	Front Camera Grounding
3	0.5 BU	Front Camera VIDEO +
4	0.5	Front Camera VIDEO -

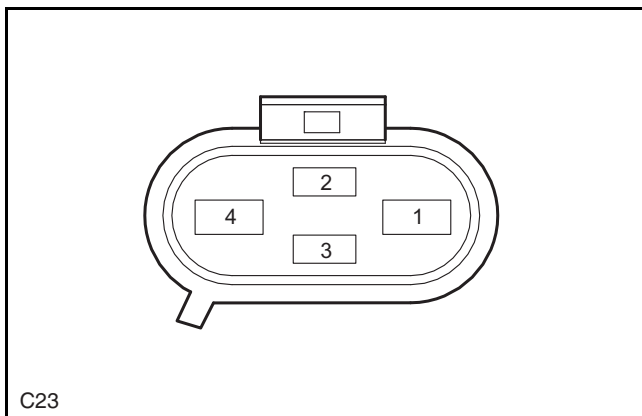
Outside Temperature Sensor



C22 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 VT/YE	Outside Temperature Sensor Signal
2	0.5 GN/RD	Signal Low

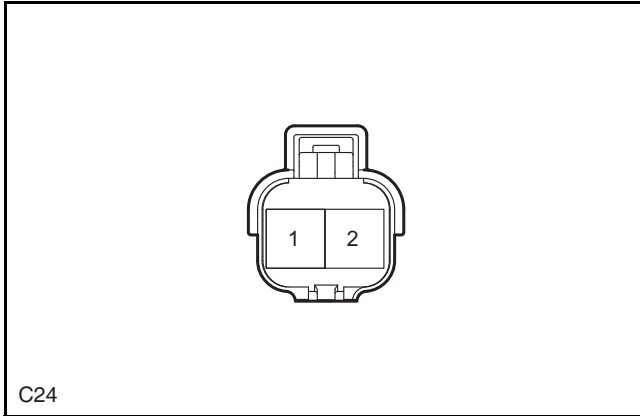
Radiator Fan



C23 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	5.0 BK	Grounding
2	4.0 BK/WH	Radiator Fan Low Speed
3	4.0 RD/BK	Radiator Fan Medium Speed
4	5.0 RD/WH	Radiator Fan High Speed

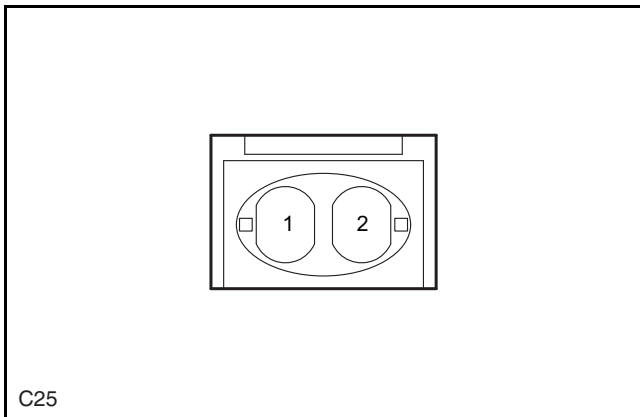
Discharge Control Valve



C24 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 GN/RD	Control
2	0.85 BK/BU	Power Supply

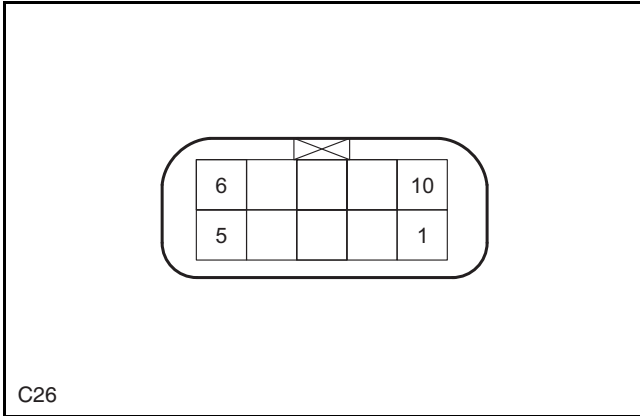
Electric Horn - 1



C25 Wiring Harness Connector Pin Definition

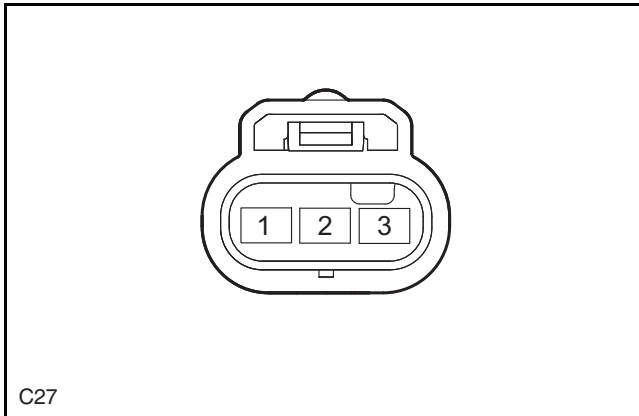
Pin No.	Wire Diameter/Color	Function
1	0.85 BK/OG	Electric Horn Control
2	0.85 BK	Electric Horn Grounding

Left Front Combination Lamp

**C26 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	1.25 GN/YE	Low Beam Lamp Power Supply
2	0.5 RD	Position Lamp Power Supply
3	1.25 GN	High Beam Lamp Power Supply
4	1.25 WH/GN	Daytime Running Lamp Power Supply
5	1.25 GN/YE	Adjustment Motor Power Supply
6	1.25 BK	Grounding
7	0.5 PK/GN	Light Angle Adjustment Switch Signal
8	1.25 BK	Grounding
9	0.5 BK	Grounding
10	1.25 BK	Grounding

Left Front Reversing Radar Sensor

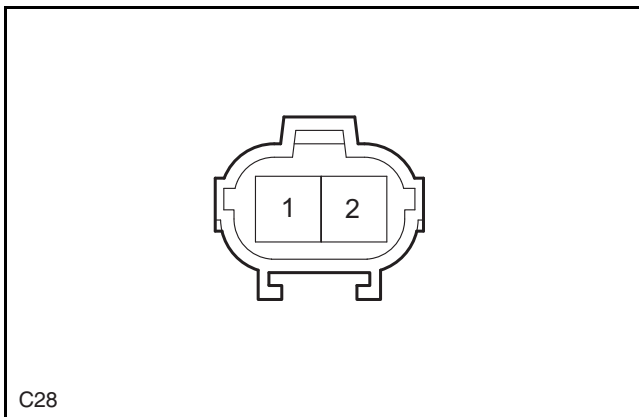


C27

C27 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 RD	Left Front Reversing Radar Sensor Power Supply
2	0.3 RD/BK	Left Front Reversing Radar Sensor Signal
3	0.3 BN	Left Front Reversing Radar Sensor Grounding

Left Front Fog Lamp

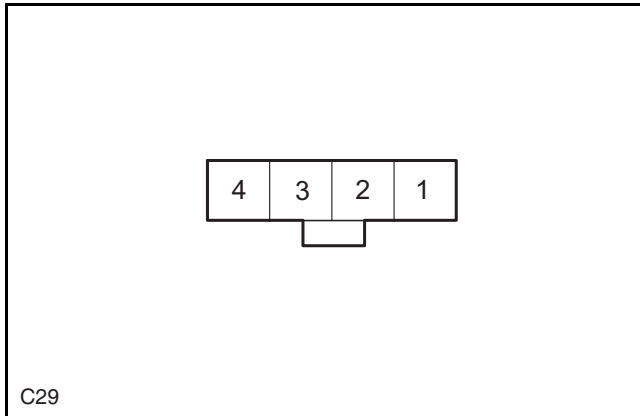


C28

C28 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/BN	Left Front Fog Lamp Control
2	0.5 BK	Left Front Fog Lamp Grounding

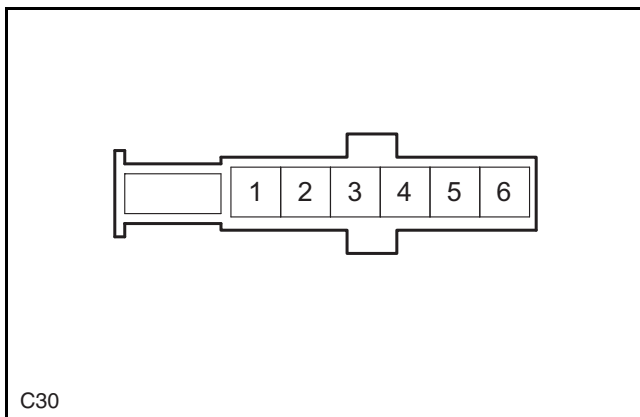
Brake Lamp Switch



C29 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/YE	Brake Lamp Switch Power Supply
2	0.5 BN/RD	Brake Lamp Switch IG Power Supply
3	0.5 BN/GN	Brake Lamp Switch Signal Output
4	0.5 BN/VT	Brake Lamp Switch Control

Electronic Accelerator Pedal

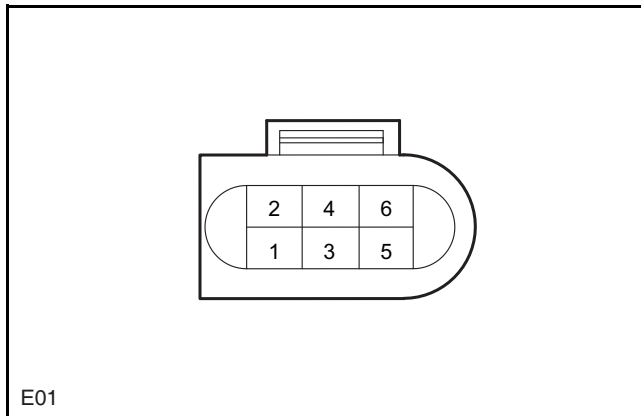


C30 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/BK	Accelerator Pedal Position Sensor 2
2	0.5 WH/BU	5V Power Supply
3	0.5 PK/BU	5V Power Supply
4	0.5 BU/WH	Accelerator Pedal Position Sensor 1
5	0.5 YE/GN	Sensor Grounding
6	0.5 LG/WH	Sensor Grounding

Engine Wiring Harness Connector (E--)

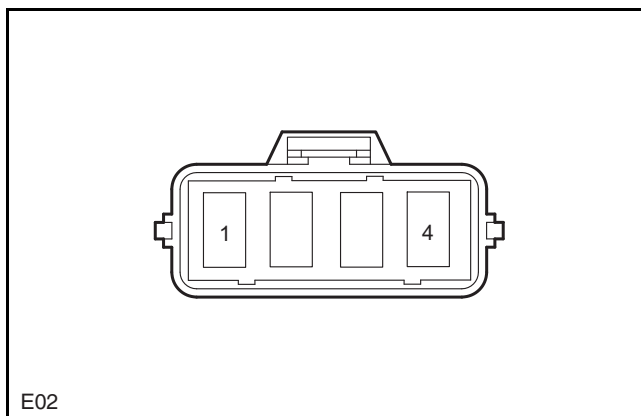
Electronic Throttle



E01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/BN	Sensor Signal Output 1
2	0.5 WH/BU	Sensor Power Supply +
3	0.5 GY/GN	Motor Power Supply +
4	0.5 GY/BK	Sensor Signal Output 2
5	0.5 GY	Motor Power Supply -
6	0.5 BN/YE	Sensor Power Supply

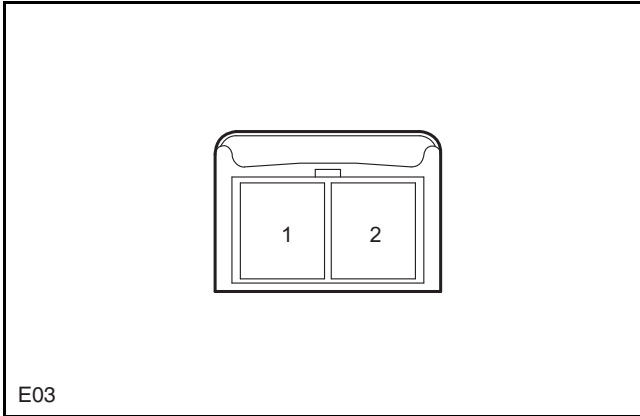
Air Intake Pressure Sensor



E02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/GN	Grounding
2	0.5 RD/GN	Temperature Signal
3	0.5 PK/BU	5V
4	0.5 VT/WH	Pressure Signal

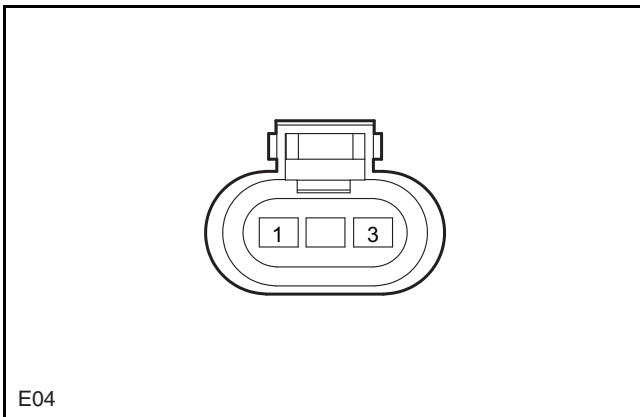
Fuel Injector - 1



E03 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/YE	Power Supply Positive
2	0.5 WH	Control Signal

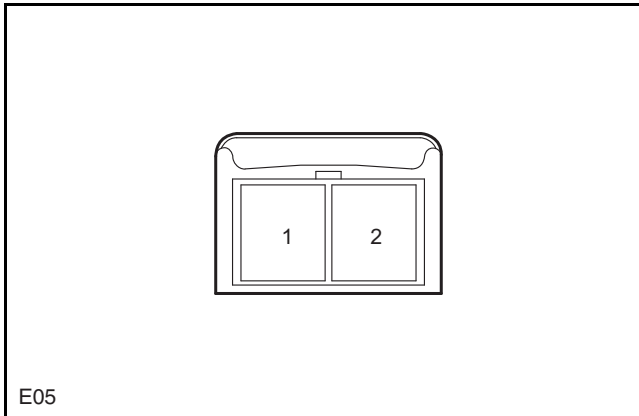
Ignition Coil - 1



E04 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK/WH	Power Supply
2	2.0 WH/BN	Ignition Pulse Signal
3	2.0 BK	Grounding

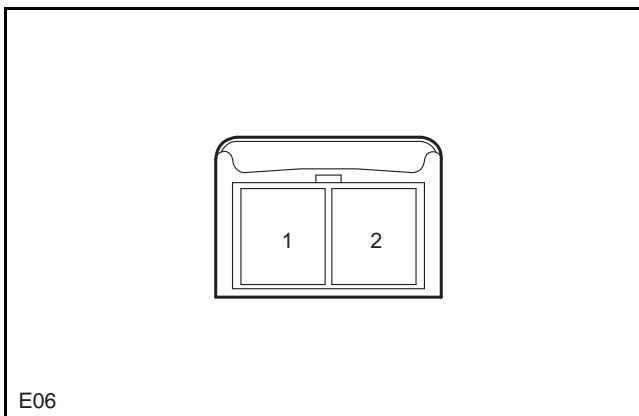
Fuel Injector - 2



E05 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/YE	Power Supply Positive
2	0.5 WH/GN	Control Signal

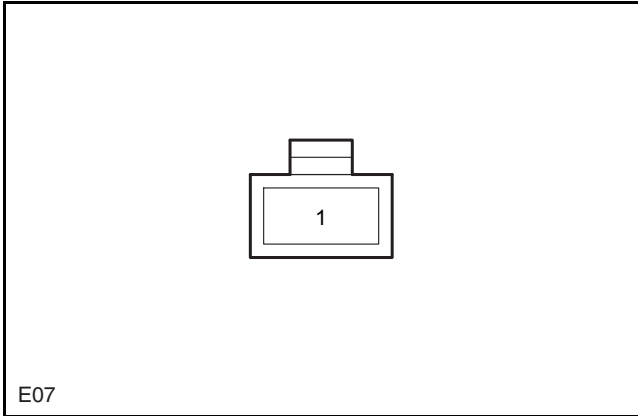
Fuel Injector - 3



E06 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/YE	Power Supply Positive
2	0.5 YE	Control Signal

Starting Motor Clutch

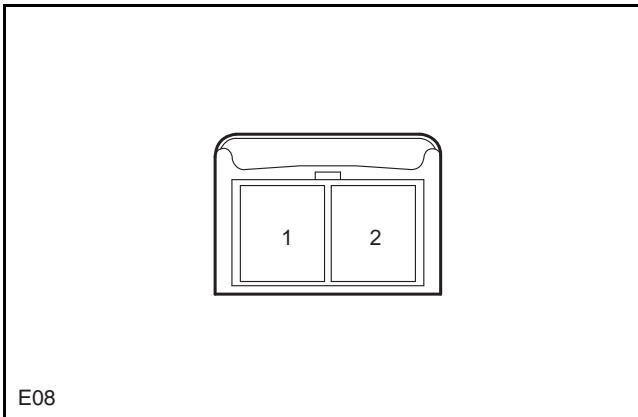


E07

E07 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	3.0 RD/BK	Output Switch Circuit Main Current

Canister Control Valve

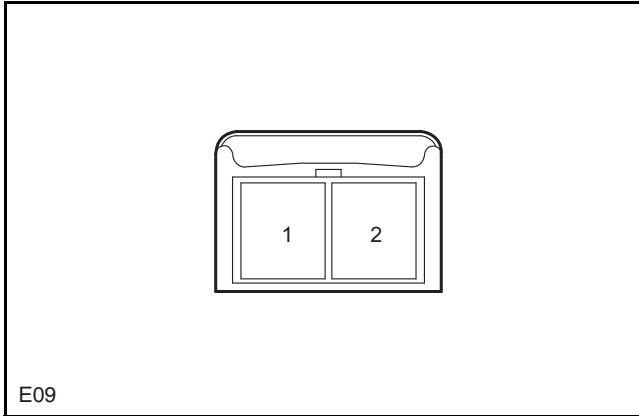


E08

E08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/BU	Power Supply (+)
2	0.85 GY/BU	Output PWM Signal

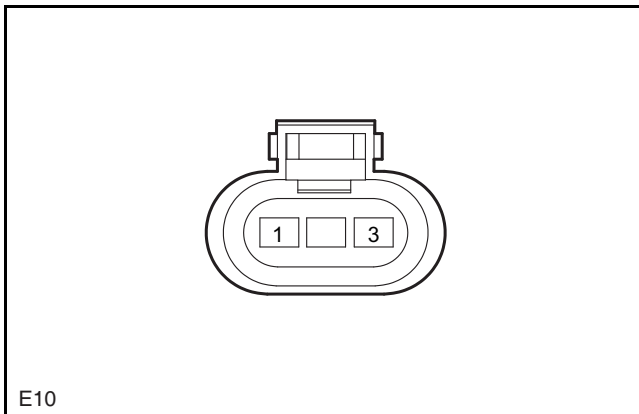
Fuel Injector - 4



E09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 BK/YE	Power Supply Positive
2	0.5 PK/WH	Control Signal

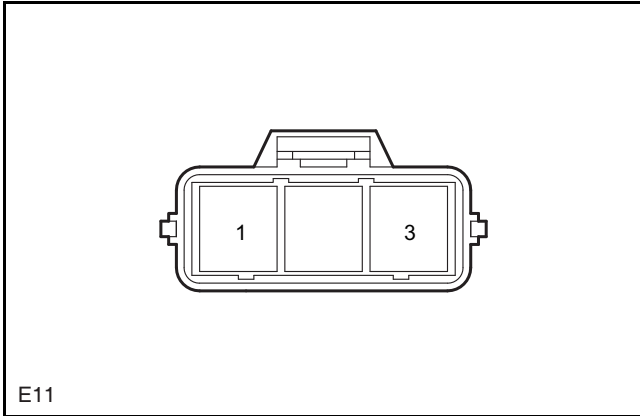
Ignition Coil - 4



E10 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK/WH	Power Supply
2	2.0 WH/YE	Ignition Pulse Signal
3	2.0 BK	Grounding

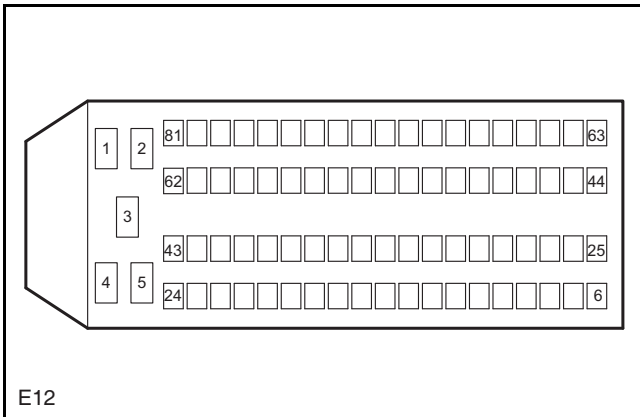
Camshaft Sensor



E11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/GN	Grounding
2	0.5 PK/BK	Signal Output
3	0.5 WH/BU	Power Supply Input

ECU



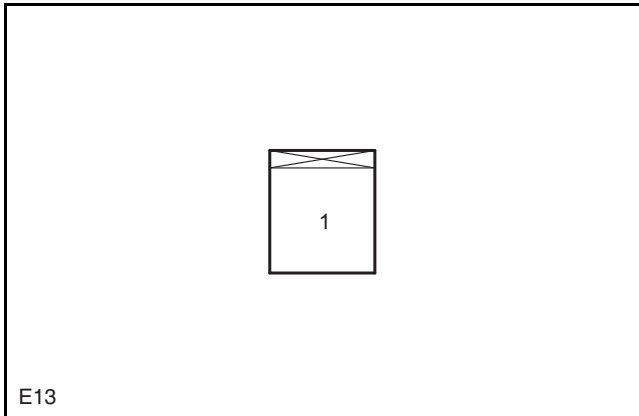
E12 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 WH/BU	Ignition Coil 2
2	2.0 WH/RD	Ignition Coil 3
3	2.0 BK	Grounding
4	2.0 WH/YE	Ignition Coil 4
5	2.0 WH/BN	Ignition Coil 1
6	0.5 WH/GN	Fuel Injector 2
7	0.5 YE	Fuel Injector 3
8	-	-
9	-	-
10	-	-

Pin No.	Wire Diameter/Color	Function
11	-	-
12	0.5 RD/WH	Power Supply +B
13	0.5 BN/RD	Power Supply IG1
14	0.3 BK/WH	Main Relay Control
15	0.5 WH	Engine Speed Sensor
16	0.5 BU/WH	Accelerator Pedal Position Sensor 1
17	0.5 BU/GN	Sensor Grounding
18	0.5 YE/WH	Front Oxygen Sensor Signal
19	0.5 RD	Knock Sensor
20	0.5 GN	Knock Sensor
21	0.5 RD/YE	Brake Lamp Switch
22	0.5 PK/GN	Intercooler Pressure Sensor 1
23	-	-
24	-	-
25	0.5 BK/RD	Rear Oxygen Sensor Heating Control
26	0.5 BK/WH	Front Oxygen Sensor Heater Control
27	0.5 WH	Fuel Injector 1
28	0.5 YE/BU	Electronic Thermostat
29	0.5 VT/BK	Exhaust Control Valve Control
30	-	-
31	-	-
32	0.5 WH/BU	5V Power Supply
33	0.5 PK/BU	5V Power Supply
34	0.5 BK	Engine Speed Sensor
35	0.5 LG/WH	Sensor Grounding
36	0.5 YE/GN	Sensor Grounding
37	0.5 VT/WH	Air Intake Pressure/Temperature Sensor
38	0.5 GY/BK	Electronic Throttle 2
39	0.5 BN/WH	Engine Coolant Temperature Sensor
40	0.5 GN/YE	Accelerator Pedal Module
41	-	-
42	0.5 RD/GN	Air Intake Pressure/Temperature Sensor
43	0.5 PK/BU	Cruise Switch Output
44	0.85 BK/BU	Main Relay Power Supply
45	0.85 BK/BU	Main Relay Power Supply
46	0.85 GY/BU	Canister Control Valve Control
47	0.5 PK/WH	Fuel Injector 4
48	0.85 BK/WH	Discharge Control Valve Control

Pin No.	Wire Diameter/Color	Function
49	0.5 RD/BK	Middle Speed Cooling Fan Control
50	0.5 VT/YE	Low Speed Cooling Fan Control
51	0.5 BK	Grounding
52	0.5 GN/WH	Starter Control Relay
53	0.5 BK	Grounding
54	0.5 RD/BN	Electronic Throttle 1
55	0.5 BU/BK	Rear Oxygen Sensor Signal
56	0.5 GN/RD	Intercooler Pressure Sensor 2
57	0.5 RD/BK	Starting Motor Signal
58	0.5 BN/GN	Brake Switch
59	-	-
60	0.3 GN/BU	A/C Compressor Medium Pressure Switch
61	0.5 BK	Grounding
62	0.3 GN	High Speed CAN-H
63	0.85 BK/BU	Main Relay Power Supply
64	0.5 GY/GN	Throttle Actuator
65	0.5 GY/GN	Throttle Actuator
66	0.5 GY	Throttle Actuator
67	0.5 GY	Throttle Actuator
68	0.5 VT/RD	High Speed Cooling Fan Control
69	0.5 YE/BN	A/C Compressor Relay
70	0.5 BU/YE	Fuel Relay Control
71	0.3 VT	K Line
72	-	-
73	0.5 WH/BU	5V Power Supply
74	-	-
75	-	-
76	-	-
77	-	-
78	0.5 BN/YE	Sensor Grounding 4
79	0.5 PK/BK	Camshaft Sensor Signal
80	0.5 BK	Grounding
81	0.3 GN/BK	High Speed CAN-L

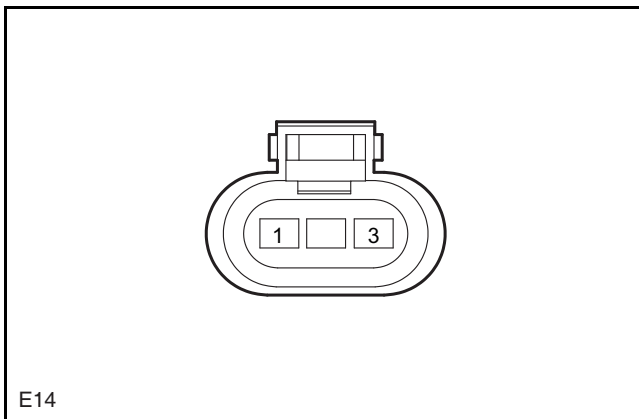
Engine Oil Pressure Sensor



E13 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 YE/BK	Engine Oil Pressure Signal

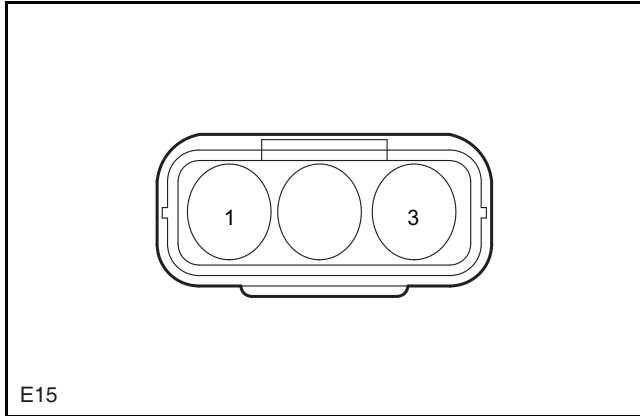
Ignition Coil - 2



E14 Wiring Harness Connector Pin Definition

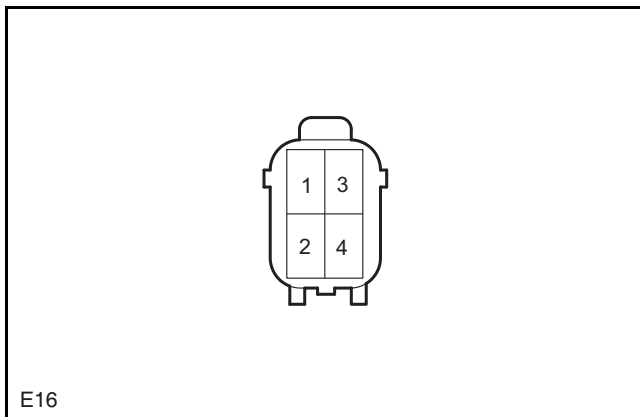
Pin No.	Wire Diameter/Color	Function
1	2.0 BK/WH	Power Supply
2	2.0 WH/BU	Ignition Pulse Signal
3	2.0 BK	Grounding

Alternator - 2

**E15 Wiring Harness Connector Pin Definition**

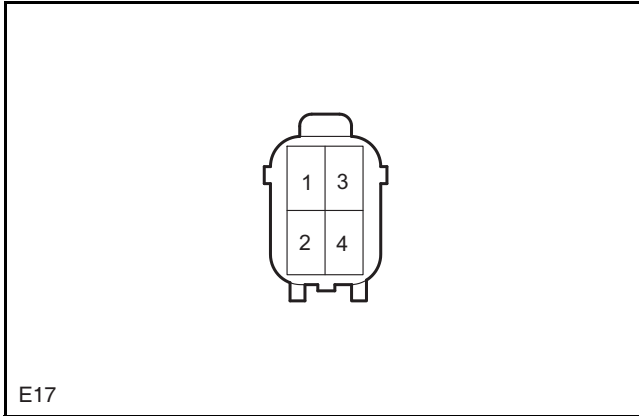
Pin No.	Wire Diameter/Color	Function
1	0.5 WH/RD	Adjuster Activation and Status Indicator
2	-	-
3	-	-

Front Oxygen Sensor

**E16 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/WH	Signal +
2	0.5 YE/GN	Signal -
3	0.5 BK/WH	Heater -
4	0.5 BK/BU	Heater +

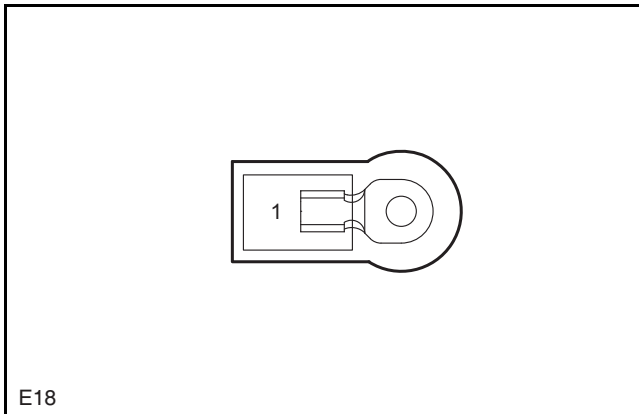
Rear Oxygen Sensor



E17 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/BK	Signal +
2	0.5 YE/GN	Signal -
3	0.5 BK/RD	Heater -
4	0.5 BK/BU	Heater +

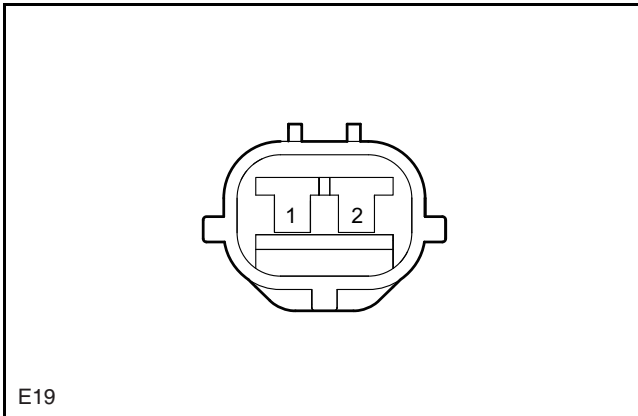
Alternator - 1



E18 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	16.0 RD	Direct Current Output

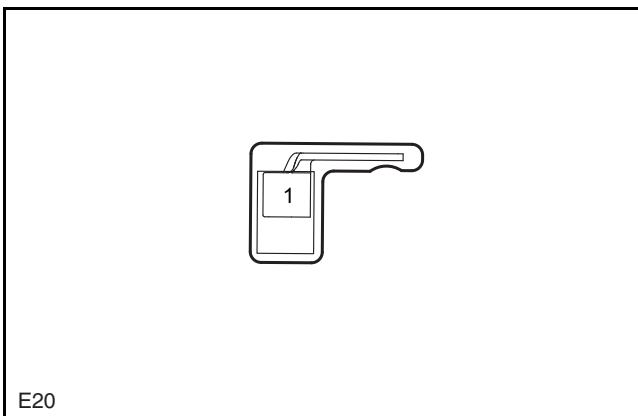
Compressor Clutch



E19 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.85 RD/GN	Magnetic Coil
2	-	-

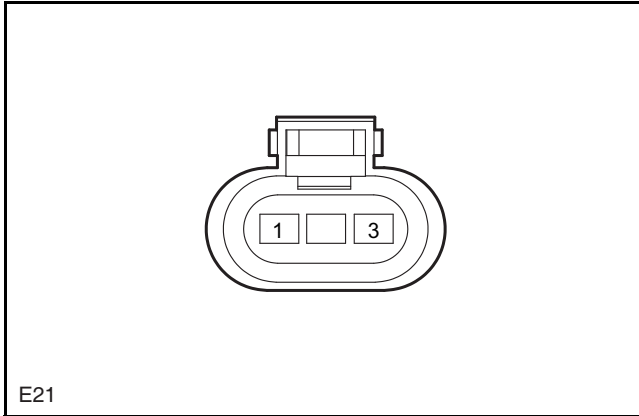
Starting Motor Power Supply



E20 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	16.0 RD	Input Starter Circuit Main Current

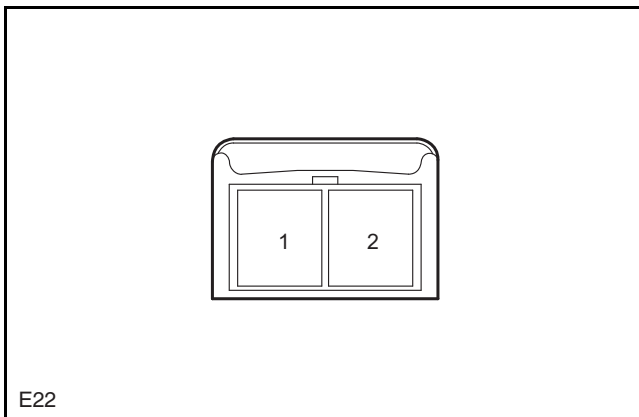
Ignition Coil - 3



E21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK/WH	Power Supply
2	2.0 WH/RD	Ignition Pulse Signal
3	2.0 BK	Grounding

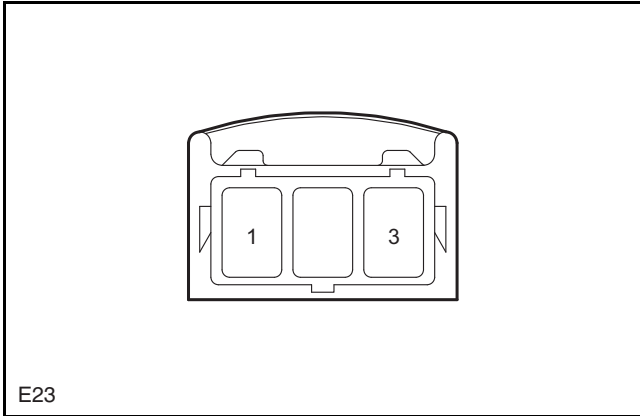
Coolant Temperature Sensor



E22 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/WH	Grounding
2	0.5 BU/GN	Power Supply

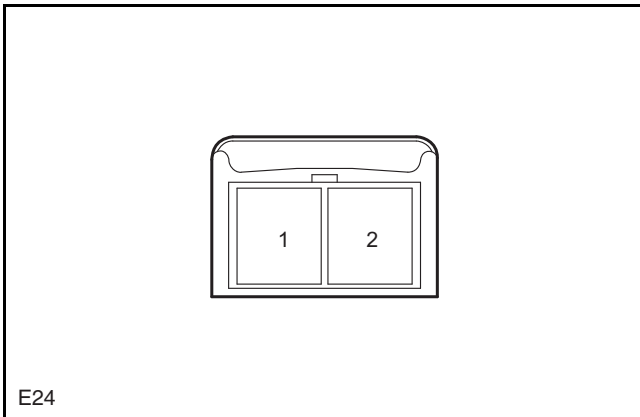
Knock Sensor



E23 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD	Knock Sensor A
2	0.5 GN	Knock Sensor B
3	0.5 BK	Shield

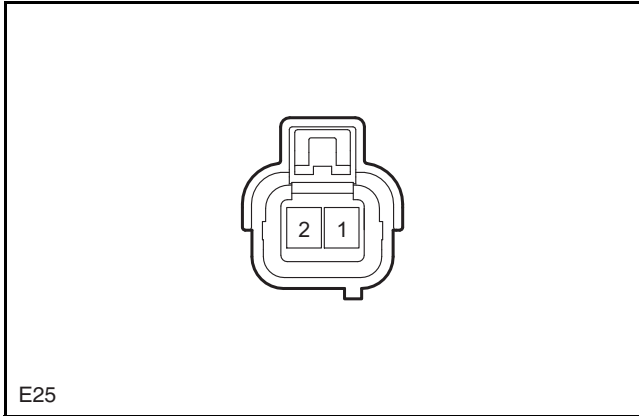
Exhaust Control Valve



E24 Wiring Harness Connector Pin Definition

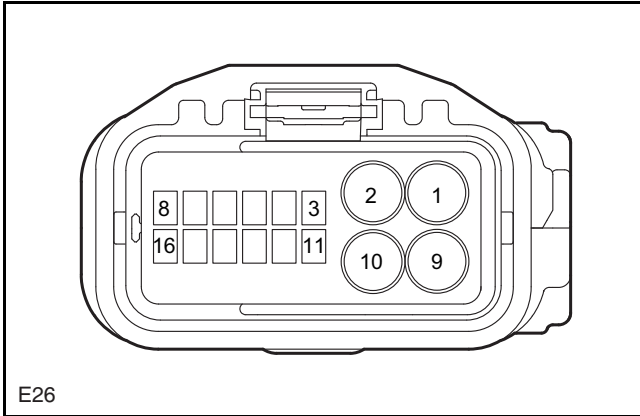
Pin No.	Wire Diameter/Color	Function
1	0.85 VT/BK	PWM Signal Positive
2	0.85 BK/BU	PWM Signal Negative

Electronic Thermostat

**E25 Wiring Harness Connector Pin Definition**

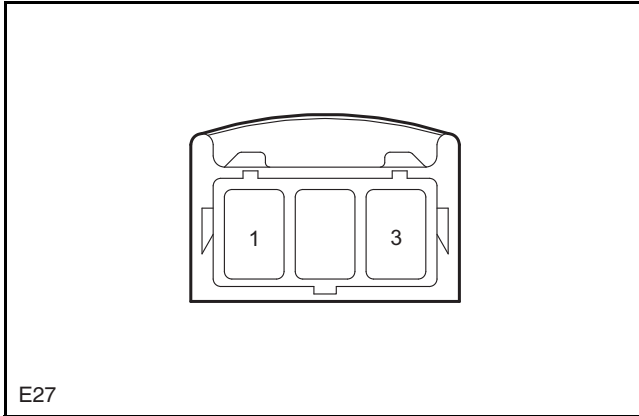
Pin No.	Wire Diameter/Color	Function
1	0.85 BK/YE	Electronic Thermostat +
2	0.5 YE/BU	Electronic Thermostat -

TCU

**E26 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	1.25 RD/WH	Power Supply Constant ON
2	-	-
3	0.5 BU	MS+
4	0.5 PK	MS-
5	0.5 VT/WH	P/N Position Signal Output
6	0.3 GN/BK	High Speed CAN-L
7	0.5 YE	MS
8	-	-
9	1.25 BK	Grounding
10	-	-
11	0.5 BU/BN	IG Constant ON
12	-	-
13	0.5 WH	Reverse Relay Signal Output
14	0.3 GN	High Speed CAN-H
15	-	-
16	-	-

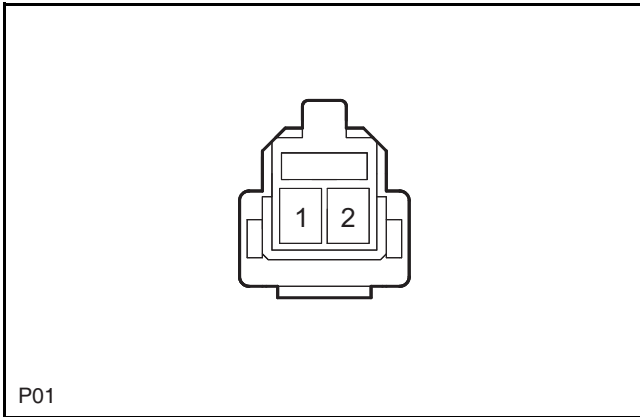
Crankshaft Sensor

**E27 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 WH	Signal A
2	0.5 BK	Signal B
3	0.5 BK	Shield

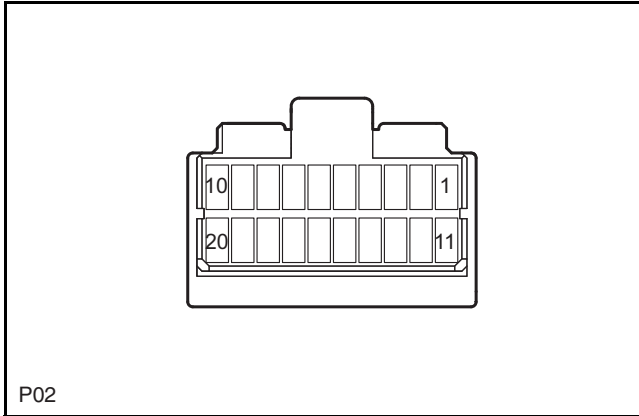
Instrument Panel Wiring Harness Connector (P--)

Left High Pitched Horn

**P01 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/BU	Left Tweeter Power Supply +
2	0.5 YE/GN	Left Tweeter Power Supply -

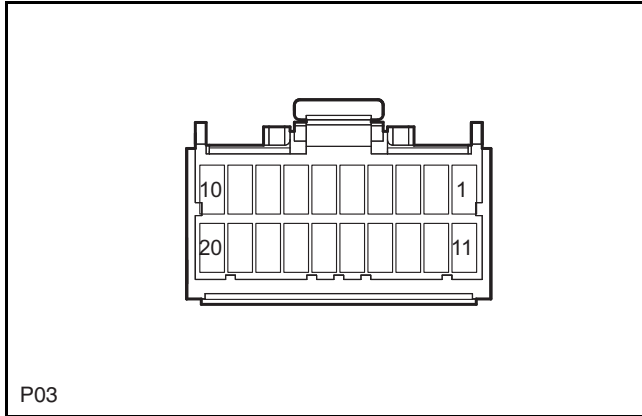
Independent Gateway



P02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 GN	High Speed CAN-H
3	-	-
4	-	-
5	-	-
6	0.5 LG	Low Speed CAN-H
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	0.5 GN/BK	High Speed CAN-L
13	-	-
14	-	-
15	-	-
16	0.5 LG/BK	Low Speed CAN-L
17	-	-
18	0.5 YE	Gateway Power Supply IG1
19	0.5 RD/BK	Gateway Constant ON
20	0.5 BK	Gateway Grounding

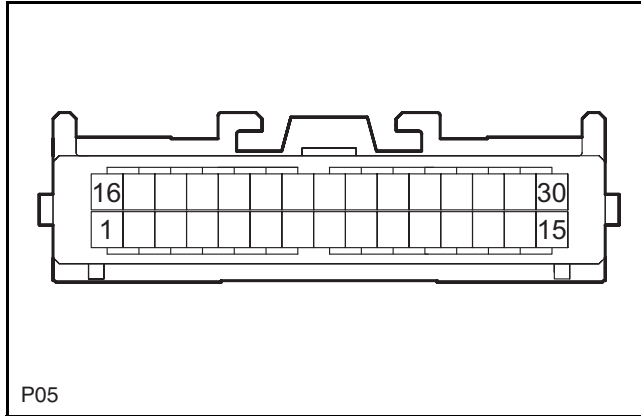
Switch Box



P03 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/BU	Backlight Adjustment Output
2	-	-
3	0.5 VT	Instrument Panel Switch Box Backlight Power Supply
4	-	-
5	0.5 YE/WH	ECO/SPORT Switch Input
6	0.5 OG	HDC Backlight Input
7	0.5 VT/RD	HDC Switch Input
8	0.5 BK	Light Adjustment Switch Grounding
9	0.5 RD/GN	Light Adjustment Signal Input
10	0.5 GN/YE	Light Adjustment Switch Power Supply
11	0.5 RD	Backlight Adjustment Power Supply
12	0.5 RD/YE	Backlight Power Supply
13	0.5 BK	Backlight Grounding
14	0.5 BK	Backlight Adjustment Grounding
15	0.5 VT	HDC/ESP Switch Input
16	0.5 GN/WH	ESP Switch Output
17	0.5 BK	Front Radar Input
18	0.3 GY	Switch Signal Output
19	0.3 GY/WH	Operation Indicator Power Supply
20	0.5 BK	Operation Indicator Signal Input

Short Circuiter - 1

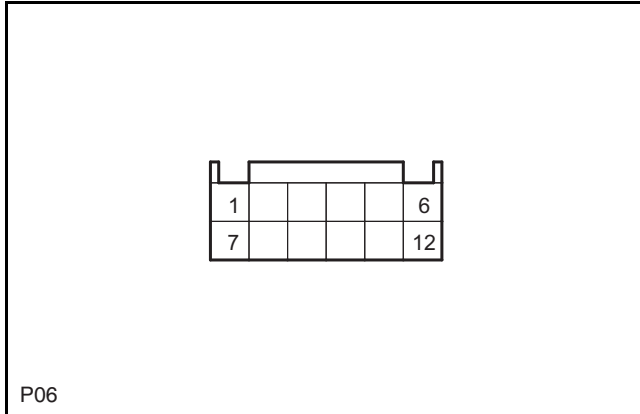


P05 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN	High Speed CAN-H
2	0.5 GN	High Speed CAN-H
3	0.5 GN	High Speed CAN-H
4	0.5 GN	High Speed CAN-H
5	0.5 GN	High Speed CAN-H
6	-	-
7	-	-
8	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
9	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
10	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
11	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
12	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
13	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
14	0.5 OG/GN	Instrument Panel Fuse Box Constant ON
15	-	-
16	0.5 GN/BK	High Speed CAN-L
17	0.5 GN/BK	High Speed CAN-L
18	0.5 GN/BK	High Speed CAN-L
19	0.5 GN/BK	High Speed CAN-L
20	0.5 GN/BK	High Speed CAN-L
21	-	-
22	-	-
23	0.5 LG/BU	Left Front Window LIN
24	0.5 LG/BU	Sunroof LIN
25	0.5 LG/BU	Left Front Window Motor Anti-Pinch LIN
26	0.5 LG/BU	Right Front Window Motor Anti-Pinch LIN

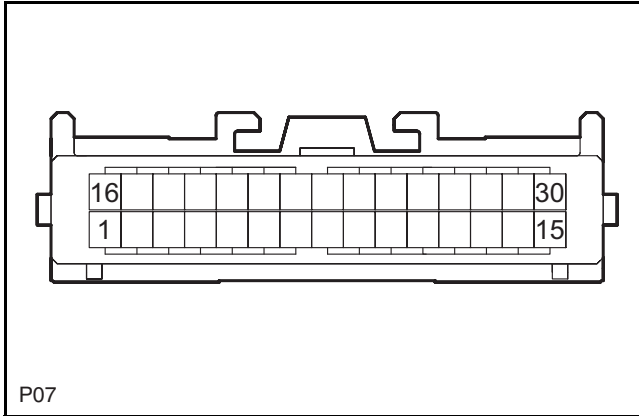
Pin No.	Wire Diameter/Color	Function
27	0.5 LG/BU	BCM LIN
28	-	-
29	-	-
30	-	-

Spiral Cable - Multi-functional Switch

**P06 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Spiral Cable Grounding
2	0.5 RD/YE	Backlight Power Supply
3	0.3 GY/BN	Horn Switch Input
4	0.3 VT/WH	Audio AD2
5	0.3 VT/GN	Audio Grounding
6	0.3 VT/YE	Audio AD1
7	-	-
8	-	-
9	0.5 BU/GN	Cruise GND
10	0.5 BN	Cruise OUT
11	0.5 WH	5 Way Button Switch Signal 2
12	0.5 WH/YE	5 Way Button Switch Signal 1

Short Circuiter - 2

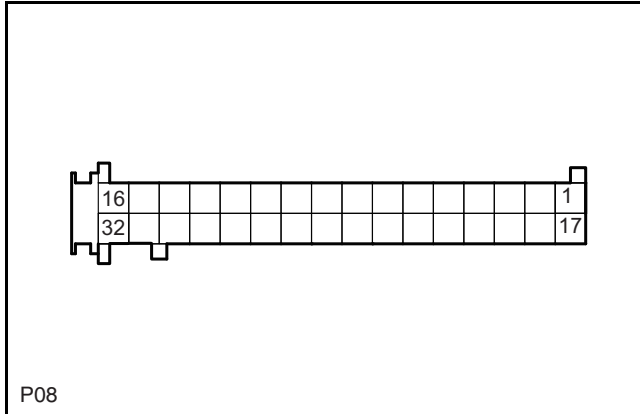


P07 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 LG/BK	Low Speed CAN-L
2	0.5 LG/BK	Low Speed CAN-L
3	0.5 LG/BK	Low Speed CAN-L
4	0.5 LG/BK	Low Speed CAN-L
5	0.5 LG/BK	Low Speed CAN-L
6	0.5 LG/BK	Low Speed CAN-L
7	0.5 LG/BK	Low Speed CAN-L
8	0.5 LG/BK	Low Speed CAN-L
9	0.5 LG/BK	Low Speed CAN-L
10	0.5 LG/BK	Low Speed CAN-L
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	0.5 LG	Low Speed CAN-H
17	0.5 LG	Low Speed CAN-H
18	0.5 LG	Low Speed CAN-H
19	0.5 LG	Low Speed CAN-H
20	0.5 LG	Low Speed CAN-H
21	0.5 LG	Low Speed CAN-H
22	0.5 LG	Low Speed CAN-H
23	0.5 LG	Low Speed CAN-H
24	0.5 LG	Low Speed CAN-H
25	0.5 LG	Low Speed CAN-H
26	-	-

Pin No.	Wire Diameter/Color	Function
27	-	-
28	-	-
29	-	-
30	-	-

Instrument Cluster

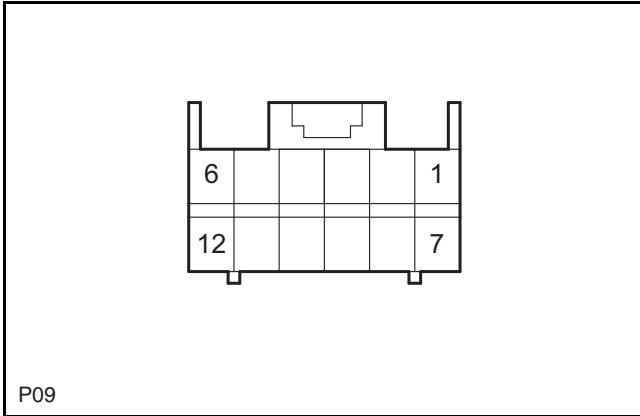


P08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/BU	Battery Power Supply
2	0.5 BK/OG	Power Supply IG1
3	-	-
4	0.5 BK	Instrument Cluster Grounding
5	0.3 BU/RD	Fuel Level Sensor Grounding
6	-	-
7	-	-
8	0.3 YE/RD	Fuel Signal
9	0.3 GN/RD	Left Blind Spot Lamp
10	0.3 GN/RD	Right Blind Spot Lamp
11	0.3 BN/VT	Anti-theft Indicator
12	0.5 YE/BK	Oil Pressure Warning Indicator
13	0.5 RD/GN	Brake Fluid Level Low
14	-	-
15	-	-
16	0.5 WH/RD	Battery Charging Indication (Reserved)
17	-	-
18	-	-
19	0.5 LG	Low Speed CAN-H
20	0.5 LG/BK	Low Speed CAN-L

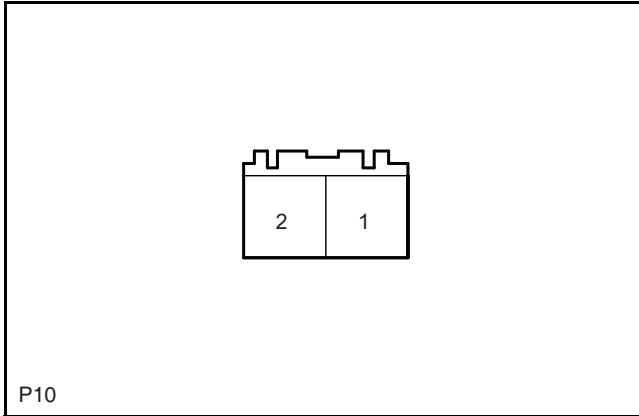
Pin No.	Wire Diameter/Color	Function
21	-	-
22	0.5 BN	Entertainment CAN-H
23	0.5 BN/BK	Entertainment CAN-L
24	-	-
25	-	-
26	0.5 WH/YE	5 Way Button Switch Signal 1
27	-	-
28	-	-
29	-	-
30	0.5 WH	5 Way Button Switch Signal 2
31	0.5 RD/YE	Dimming Lamp/Position Lamp Power Supply
32	-	-

Wiper Combination Switch

**P09 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/WH	MST
2	-	-
3	0.5 BN/WH	Front Wiper Low Speed Signal
4	0.5 PK/BU	Front Wiper Automatic Intermittent
5	0.5 LG/BU	Front Wiper Sensitivity Intermittent Time
6	0.5 VT/GN	Rear Wiper Spraying Signal
7	0.5 YE	Rear Wiper Washing Signal
8	0.5 RD/BU	Front Wiper AUTO INT
9	0.5 VT	Front Wiper High Speed Signal
10	0.5 GN/WH	Front Wiper Switch Power Supply - IG1
11	0.5 GN/YE	Front Wiper Spraying Signal
12	0.5 VT/BK	Rear Wiper Switch Power Supply - IG2

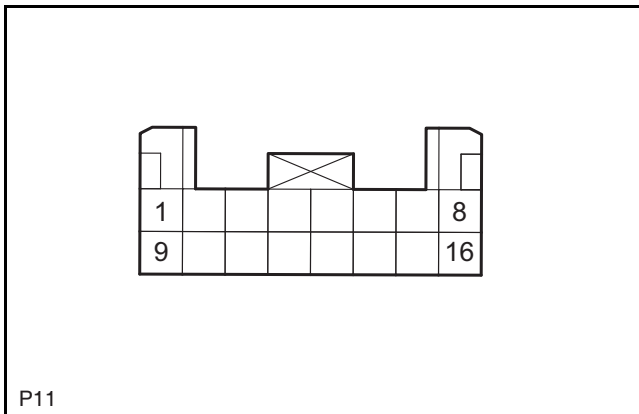
EPS Power Supply



P10 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	10.0 RD	+B Power Supply
2	10.0 BK	Grounding

Light Controller A

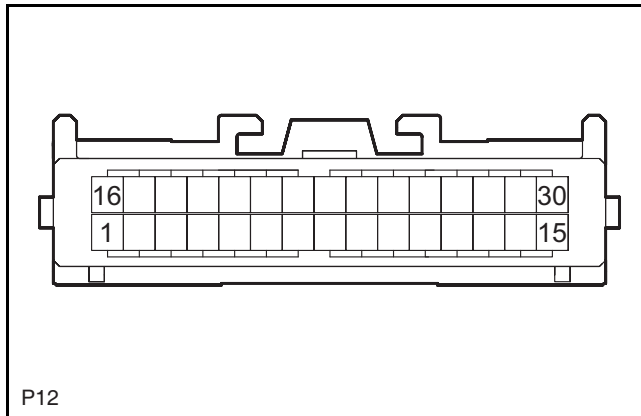


P11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 WH	Reversing Signal Input
3	0.5 BN/YE	Brake Lamp Switch
4	0.5 BK	Light Controller Grounding
5	-	-
6	-	-
7	-	-
8	0.5 LG/BK	Low Speed CAN-L
9	-	-
10	-	-
11	-	-

Pin No.	Wire Diameter/Color	Function
12	0.5 YE/BU	Backlight Input
13	-	-
14	-	-
15	0.5 LG	Low Speed CAN-H
16	0.5 BN/VT	Brake Lamp Switch Power Supply

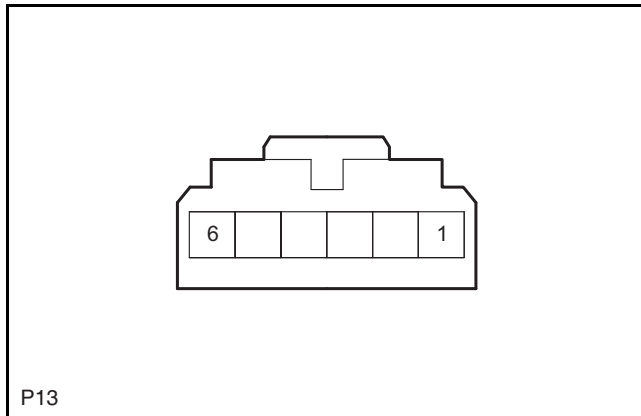
Short Circuiter - 3

**P12 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD	Position Lamp Power Supply
2	0.5 RD	Position Lamp Power Supply
3	0.5 RD	Position Lamp Power Supply
4	0.5 RD	Position Lamp Power Supply
5	0.5 RD	Position Lamp Power Supply
6	0.5 RD	Position Lamp Power Supply
7	-	-
8	-	-
9	-	-
10	-	-
11	0.5 WH/BU	Instrument Panel Fuse Box Constant ON
12	0.5 WH/BU	Instrument Panel Fuse Box Constant ON
13	0.5 WH/BU	Instrument Panel Fuse Box Constant ON
14	0.5 WH/BU	Instrument Panel Fuse Box Constant ON
15	0.5 WH/BU	Instrument Panel Fuse Box Constant ON
16	0.5 RD/YE	Backlight Power Supply
17	0.5 RD/YE	Backlight Power Supply
18	0.5 RD/YE	Backlight Power Supply
19	0.5 RD/YE	Backlight Power Supply

Pin No.	Wire Diameter/Color	Function
20	0.5 RD/YE	Backlight Power Supply
21	0.5 RD/YE	Backlight Power Supply
22	0.5 RD/YE	Backlight Power Supply
23	0.5 RD/YE	Backlight Power Supply
24	0.5 RD/YE	Backlight Power Supply
25	0.5 RD/YE	Backlight Power Supply
26	0.5 RD/YE	Backlight Power Supply
27	0.5 RD/YE	Backlight Power Supply
28	0.5 RD/YE	Backlight Power Supply
29	-	-
30	-	-

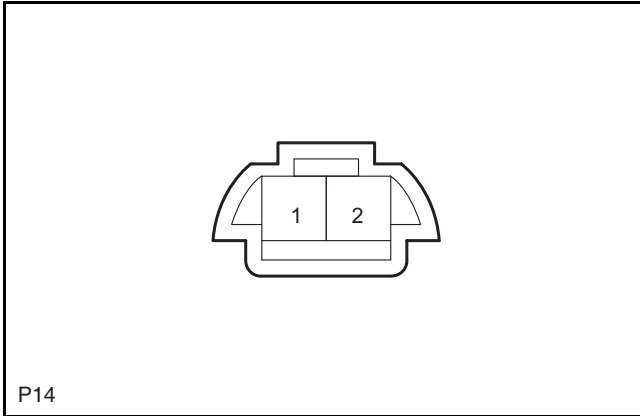
Sunlight Sensor



P13 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.3 YE/BK	BCM Signal
3	-	-
4	0.3 VT/BK	Grounding
5	0.3 VT/RD	Lighting Signal
6	0.5 RD/BU	Power Supply IG1

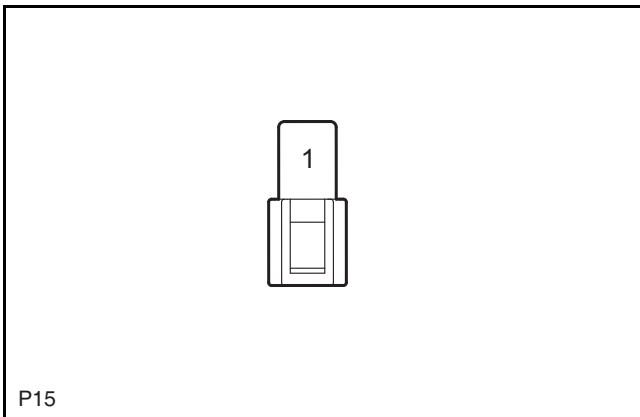
Room Temperature Sensor



P14 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/RD	Room Temperature Sensor Power Supply
2	0.3 BU/YE	Room Temperature Sensor Grounding

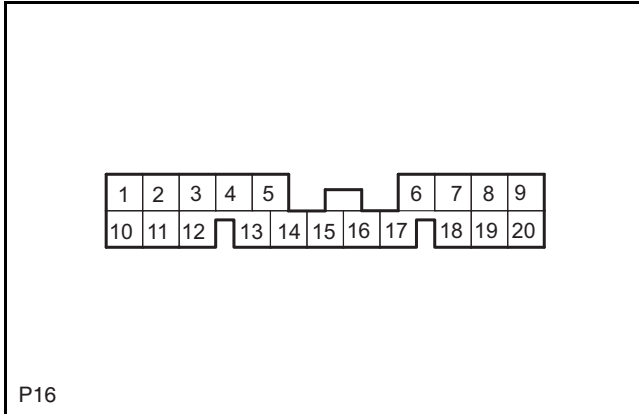
Antenna Power Supply



P15 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD	Antenna Power Supply

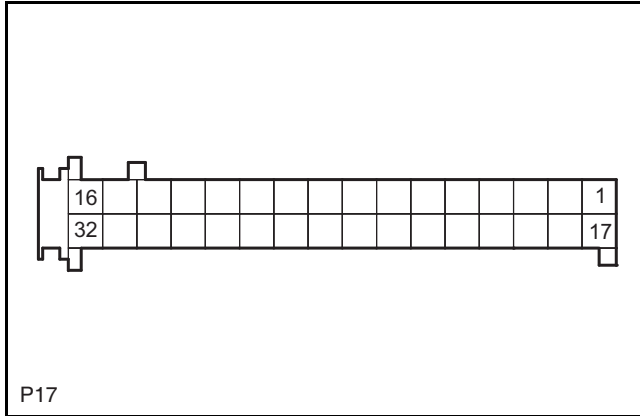
Keyless Controller A



P16 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 RD/YE	ACC Control Output
2	0.85 BK	Power Low
3	0.5 GY/RD	Battery Power Supply
4	0.3 VT	IMMO +
5	0.3 PK	Left Rear Antenna +
6	0.3 BN	Rear Bumper Antenna +
7	0.3 GN/BU	Inside Front Antenna +
8	-	-
9	-	-
10	0.3 RD/BU	IG Control Output
11	0.85 BK	Power Low
12	0.5 BN/RD	Battery Power Supply
13	0.3 VT/BK	IMMO-
14	0.3 PK/BK	Left Rear Antenna -
15	0.3 BU	Right Rear Antenna +
16	0.3 BU/YE	Right Rear Antenna -
17	0.3 BN/BK	Rear Bumper Antenna -
18	0.3 GN/YE	Inside Front Antenna -
19	-	-
20	-	-

Keyless Controller B

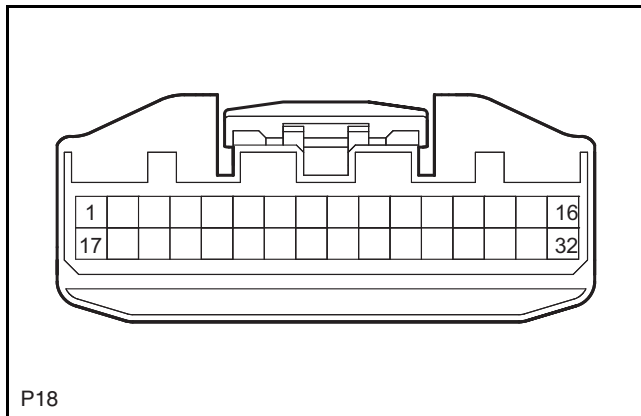


P17 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 LG	High Speed CAN-L
2	-	-
3	0.5 BU	Front Passenger Side Door Handle Button
4	0.3 YE/BN	Driver Side Door Handle Button
5	0.3 PK/GN	Luggage Compartment Door Handle Button
6	0.5 BN/YE	Brake Switch (AT)
7	0.3 YE/BN	Driver Side Door Touch Handle Signal
8	-	-
9	0.5 VT/GN	K-line
10	0.3 GN/YE	P/N Position Signal (AT)
11	0.3 WH/RD	Start Switch Button Switch 1 Input
12	0.3 BU	Front Passenger Side Door Touch Handle Signal
13	0.3 RD/VT	ACC Power Supply Back-up
14	0.3 RD/BN	IG Power Supply Back-up
15	0.3 BK/BU	IG2 Control Output
16	0.3 BK/YE	Start Control Output
17	0.5 LG/BK	High Speed CAN-L
18	0.5 RD/GN	Radio Frequency Module Enabled Control
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.3 YE/GN	Start Button Green LED Control Output
25	0.3 YE/RD	Start Button White LED Control Output
26	0.5 OG/BK	Shifter Enabled Signal

Pin No.	Wire Diameter/Color	Function
27	0.3 YE/BN	Start Button Grounding
28	0.3 WH/OG	Start Switch 2 Input
29	0.5 OG/GN	Radio Frequency Module Data Input
30	0.3 VT	W-Line
31	-	-
32	0.5 BU/BK	Radio Frequency Module Grounding Wire

Reversing Radar Controller



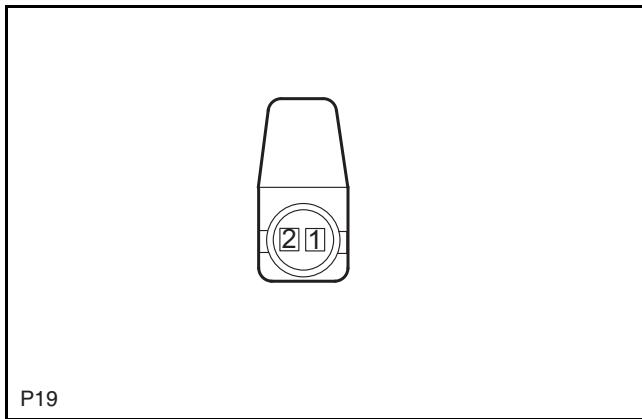
P18

P18 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.3 GN/WH	Operating Condition Indicator Power Supply
3	-	-
4	-	-
5	-	-
6	0.3 RD/YE	Left Center Reversing Radar Signal
7	0.3 GY/BU	Right Center Reversing Radar Signal
8	0.3 VT/PK	Left Rear Reversing Radar Signal
9	0.3 GY	Right Rear Reversing Radar Signal
10	0.3 YE/GN	Rear Sensor Power Supply
11	0.3 WH	Rear Sensor Grounding
12	0.5 LG	Low Speed CAN-H
13	0.5 LG/BK	Low Speed CAN-L
14	-	-
15	-	-
16	0.5 BN/RD	Power Supply IG
17	-	-
18	-	-

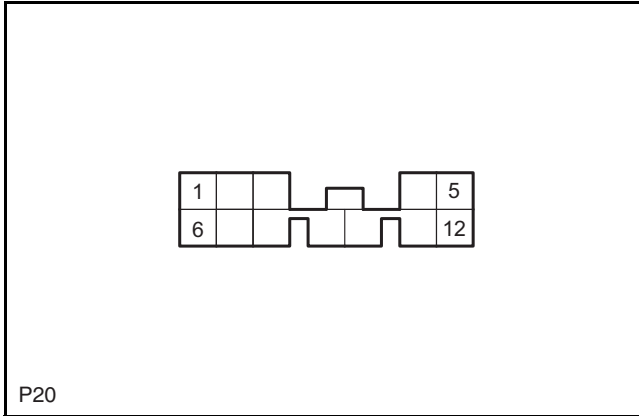
Pin No.	Wire Diameter/Color	Function
19	-	-
20	0.3 RD/BK	Left Front Signal
21	0.3 GN	Right Front Signal
22	-	-
23	-	-
24	-	-
25	-	-
26	0.3 RD	Front Sensor Power Supply
27	0.3 BN	Front Sensor Grounding
28	-	-
29	-	-
30	-	-
31	0.3 GY	Switch Signal Input
32	0.5 BK	Grounding

Front Passenger Airbag

**P19 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.3 BN/YE	Front Passenger Airbag +
2	0.3 BN/BU	Front Passenger Airbag -

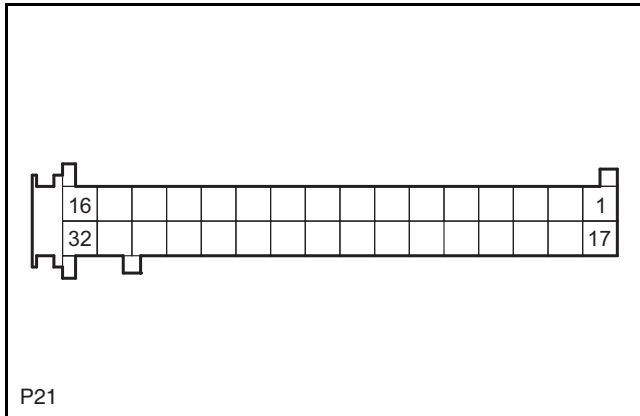
BCM-A



P20 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/BK	Rear Defrost Control
2	0.3 RD/BK	Position Lamp Relay
3	-	-
4	-	-
5	0.5 GN	Luggage Compartment Lamp Control
6	0.5 YE	Horn Relay Output
7	0.3 RD/BN	IGN Control
8	0.3 RD/VT	ACC Control
9	-	-
10	-	-
11	0.5 WH	Rearview Mirror Folding
12	0.5 RD	Rearview Mirror Extending

BCM-C

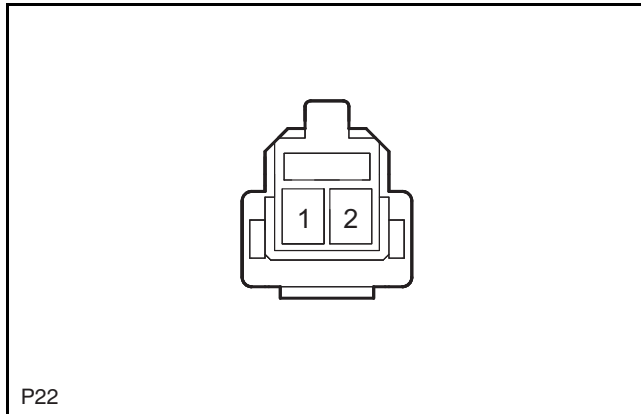


P21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/RD	Power Supply +B
2	0.5 RD/BU	Ignition Switch IG1
3	0.5 GN/OG	Low Beam Lamp Switch
4	-	-
5	0.5 GN/YE	Front Washer Switch
6	0.3 YE	Rear Wiper Intermittent
7	0.5 WH	Power Supply ACC
8	0.5 RD/BU	Front Wiper Intermittent Switch
9	0.3 WH/GN	Left Front Door Switch
10	0.3 WH/OG	Left Rear Door Switch
11	0.3 OG	Luggage Compartment Door Switch
12	0.3 YE/WH	Warning Lamp Switch
13	0.3 BN/WH	Right Turn Lamp Switch
14	-	-
15	0.3 OG/BK	Rear Fog Lamp Switch
16	0.5 VT/PK	Rear Wiper Return
17	0.5 BK	Signal Grounding
18	0.5 LG/BU	Front Wiper Intermittent Adjustable Position
19	0.3 GN/BU	Light Sensor
20	0.3 PK/BK	Front Wiper Return
21	0.5 BN/WH	Front Wiper Low Speed Switch
22	0.5 VT	Front Wiper High Speed Switch
23	0.5 VT/GN	Rear Washer Switch
24	0.3 GN/WH	Key Unremoved Switch
25	0.3 WH/OG	Right Front Door Switch
26	0.3 WH/YE	Right Rear Door Switch

Pin No.	Wire Diameter/Color	Function
27	0.3 PK	Small Lamp Switch
28	0.3 PK/BN	Engine Contact Switch
29	0.3 GN/BU	High Beam Lamp Switch
30	0.3 BU	Front Fog Lamp Switch
31	0.3 YE/BK	Automatic Light Switch
32	0.3 GN/WH	Left Turn Switch

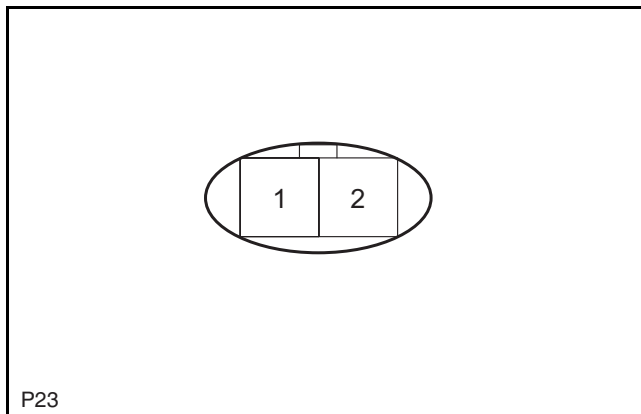
Right High Pitched Horn



P22 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/GN	Right High Pitched Horn +
2	0.5 WH/BU	Right High Pitched Horn -

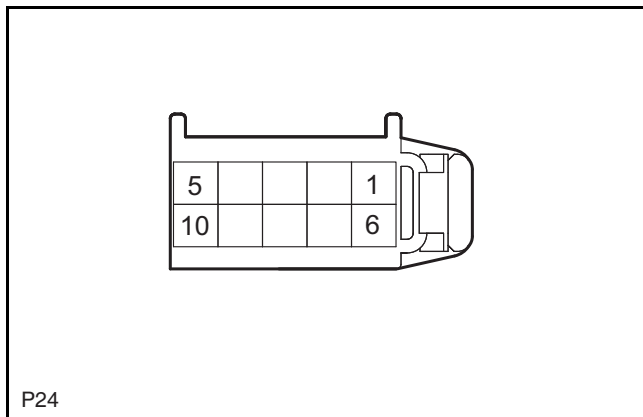
Driver Foot Lamp



P23 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/RD	Foot Lamp Signal
2	0.5 BK	Foot Lamp Grounding

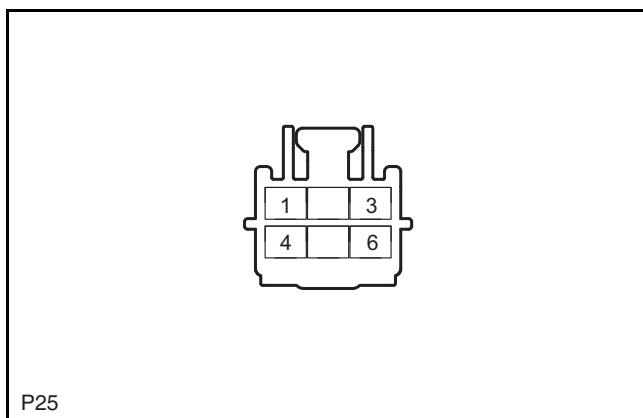
Combination Lamp Switch



P24 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK	Position Lamp Signal
2	0.5 BK	Grounding
3	0.3 YE/BK	Automatic Lamp Signal
4	0.3 GN/OG	Low Beam Lamp Signal
5	0.3 GN/WH	Left Steering Signal
6	0.3 BU	Front Fog Lamp Switch Signal
7	0.3 OG/BK	Rear Fog Lamp Switch Signal
8	0.3 GN/BU	High Beam Lamp Signal
9	0.3 GN	Overtaking Lamp Signal
10	0.3 BN/WH	Right Steering Signal

Ignition Switch

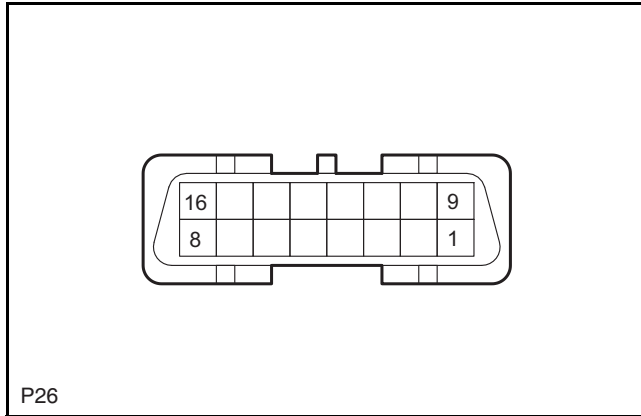


P25 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	4.0 RD/WH	AM1 Power Supply
2	3.0 WH	IG1 Power Supply
3	4.0 RD	ACC

Pin No.	Wire Diameter/Color	Function
4	0.5 RD/BU	Starter Power Supply
5	4.0 RD/BK	AM2 Power Supply
6	2.0 BK/WH	IG2 Power Supply

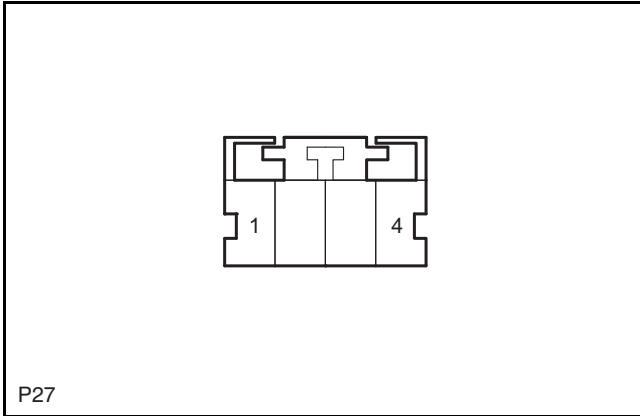
Diagnostic Interface



P26 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	0.5 LG	Low Speed CAN-H
4	0.5 BK	Grounding
5	0.5 BK	Grounding
6	0.5 GN	High Speed CAN-H
7	0.3 VT	Keyless Controller 1
8	0.5 LG/BU	BCM-LIN
9	-	-
10	-	-
11	0.5 LG/BK	Low Speed CAN_L
12	-	-
13	-	-
14	0.5 GN/BK	High Speed CAN-L
15	-	-
16	0.5 RD/BK	Instrument Panel Fuse Box Constant ON

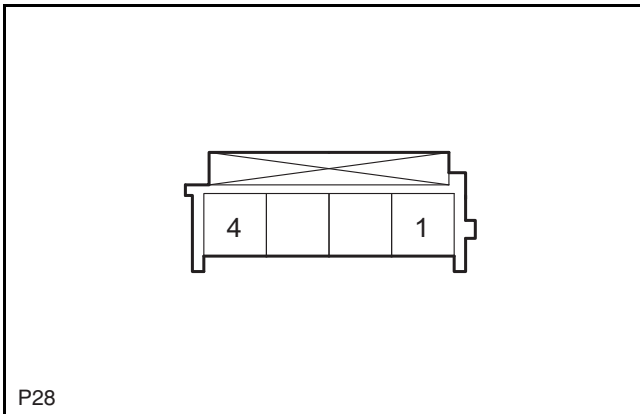
Rotation Angle Sensor



P27 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/BK	High Speed CAN-L
2	0.5 GN	High Speed CAN-H
3	0.5 RD/BU	Power Supply IG1
4	0.5 BK	Grounding

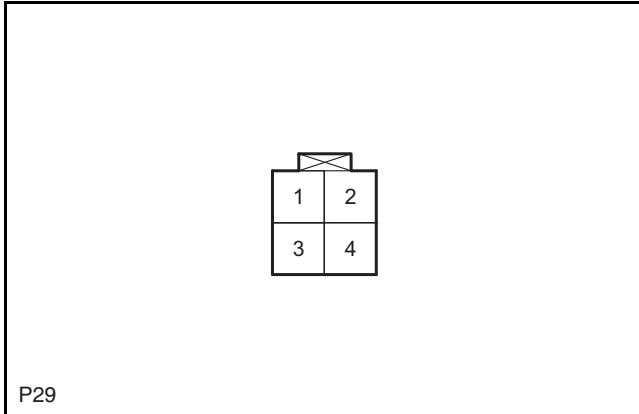
Spiral Cable - Driver Airbag



P28 Wiring Harness Connector Pin Definition

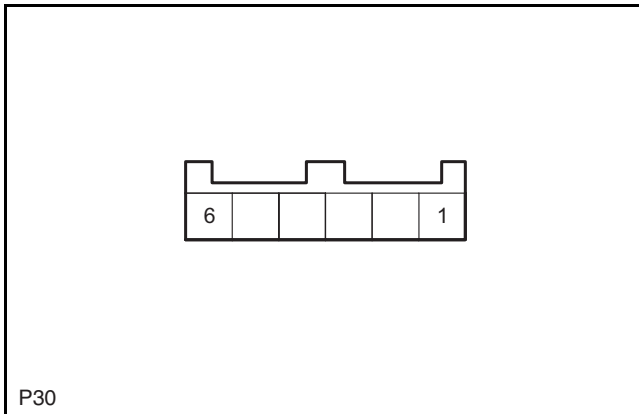
Pin No.	Wire Diameter/Color	Function
1	0.3 GY/RD	Driver Airbag +
2	0.3 GY/BN	Driver Airbag -
3	-	-
4	-	-

Key Unremoved Reminder Switch

**P29 Wiring Harness Connector Pin Definition**

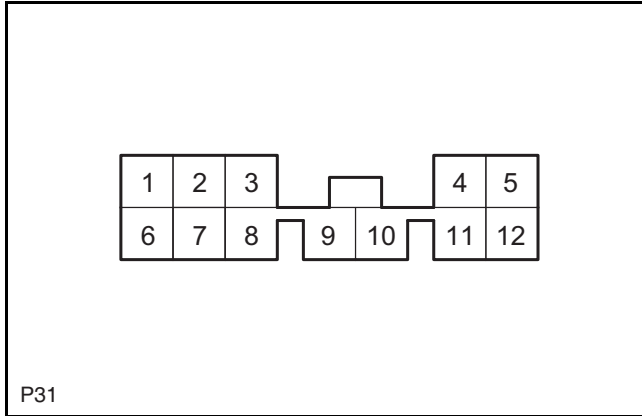
Pin No.	Wire Diameter/Color	Function
1	0.3 OG/GN	Instrument Panel Fuse Box Constant ON
2	0.3 GN/WH	Key Unremoved Reminder Switch Signal
3	0.3 OG	Illumination Power Supply
4	0.3 RD/BN	Illumination Control

EPS Signal

**P30 Wiring Harness Connector Pin Definition**

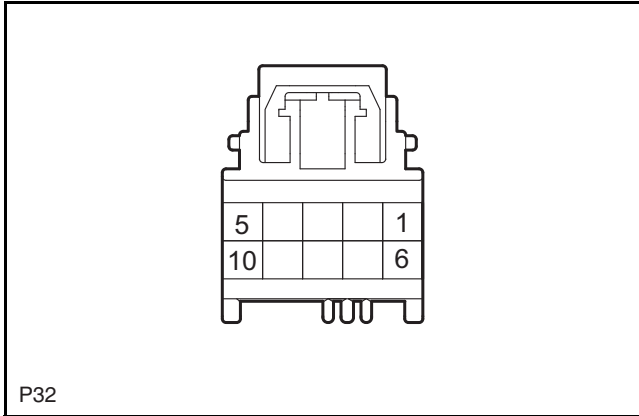
Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	0.5 GN	High Speed CAN-H
4	0.5 GN/BK	High Speed CAN-L
5	-	-
6	0.5 RD/YE	IG1 Power Supply

Light Controller B

**P31 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/VT	Brake Lamp Switch Constant ON
2	0.5 BN/YE	Brake Lamp Signal
3	0.5 BN/WH	Welcome Lamp
4	-	-
5	1.25 RD	Lighting Power Supply 2
6	0.85 BK	Grounding
7	-	-
8	0.5 BK/RD	Power Supply IG1
9	0.25 WH/GN	Daytime Running Lamp Power Supply
10	-	-
11	0.5 WH/RD	Illumination Lamp Signal
12	0.5 RD/YE	Backlight Power Supply

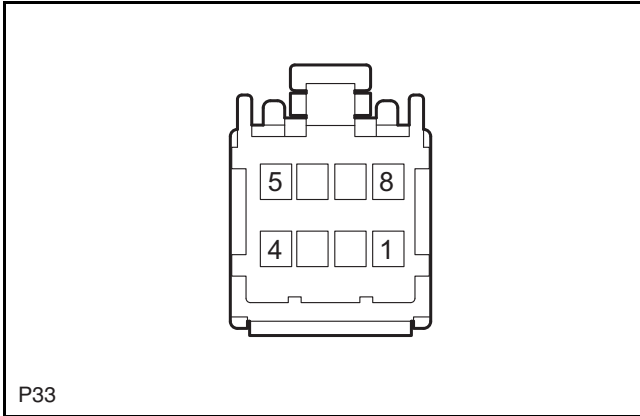
Start Switch



P32 Wiring Harness Connector Pin Definition

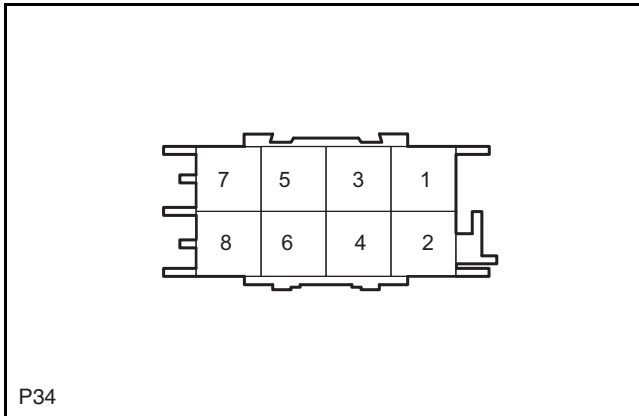
Pin No.	Wire Diameter/Color	Function
1	0.3 WH/RD	Switch 1
2	0.3 WH/OG	Switch 2
3	-	-
4	0.3 VT	IMMO +
5	0.3 VT/BK	IMMO -
6	-	-
7	0.3 YE/GN	Green Lamp Power Supply
8	-	-
9	0.3 YE/BN	Start Button Grounding
10	0.3 YE/RD	White Lamp Power Supply

DVD Control Panel

**P33 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BN	Entertainment CAN-H
2	0.5 BN/BK	Entertainment CAN-L
3	0.5 BK	Grounding
4	-	-
5	0.5 WH/BU	Power Supply Constant ON
6	0.5 WH	Power Supply ACC
7	0.5 RD/YE	Backlight Power Supply
8	0.3 YE/WH	Emergency Alarm Switch

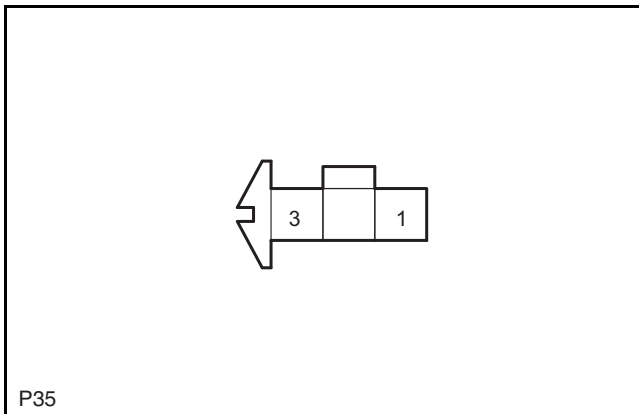
Radio A



P34 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 VT/YE	Circuit Control 1
2	0.3 VT/GN	Circuit Control Grounding
3	0.3 VT/WH	Circuit Control 2
4	0.5 WH	Power Supply ACC
5	0.5 RD	Antenna Power Supply
6	0.3 RD/YE	Backlight Power Supply
7	0.85 RD/WH	Power Supply Constant ON
8	0.85 BK	Grounding

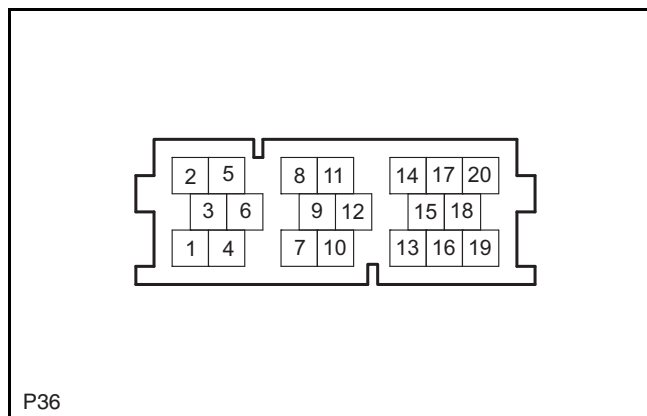
Cigarette Lighter



P35 Wiring Harness Connector Pin Definition

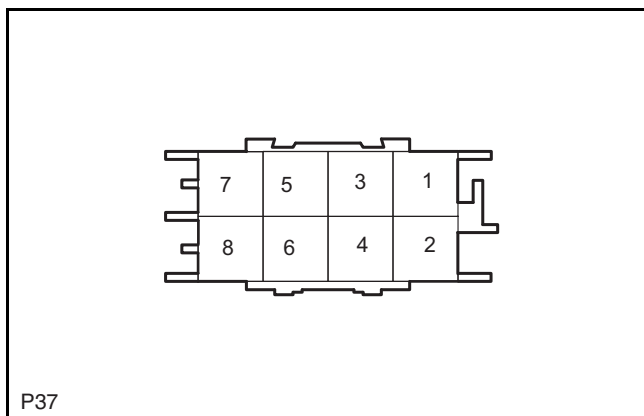
Pin No.	Wire Diameter/Color	Function
1	0.3 RD/YE	Backlight Power Supply
2	1.25 BU	Cigarette Lighter Power Supply ACC
3	1.25 BK	Grounding

Radio C

**P36 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 LG	Low Speed CAN-H
2	0.5 BK/RD	Reverse trigger signal
3	0.5 BN	Entertainment CAN-H
4	0.5 LG/BKS	Low Speed CAN-L
5	0.5 WH	Right/Rear Camera Grounding
6	0.5 BN/BK	Entertainment CAN-L
7 (for Level1 Model)	-	-
7 (for Level2, Level3 Models)	0.5 GN	Rear Camera Signal
7 (for Level4 Model)	0.5 GN/BU	Panoramic Video Signal
8		Panoramic Video Grounding
9	-	-
10	-	-
11	0.5 RD	Right/Rear Camera Power Supply
12	-	-
13	0.5 BU	Right Camera Signal
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

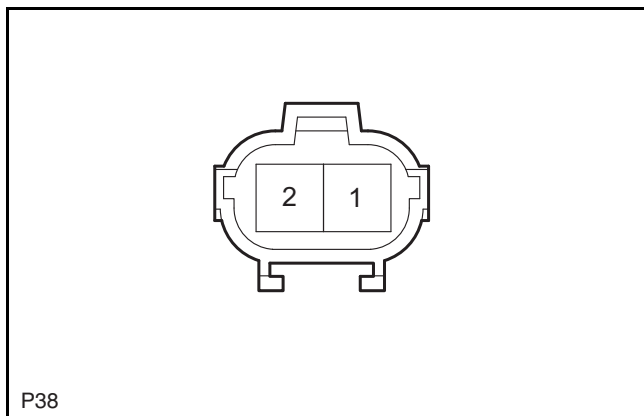
Radio B



P37 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/BK	Right Rear Speaker +
2	0.5 WH	Right Rear Speaker -
3	0.5 WH/BU	Right Front Speaker +
4	0.5 WH/GN	Right Front Speaker -
5	0.5 YE/GN	Left Front Speaker +
6	0.5 YE/BU	Left Front Speaker -
7	0.5 BN/WH	Left Rear Speaker +
8	0.5 BN	Right Rear Speaker-

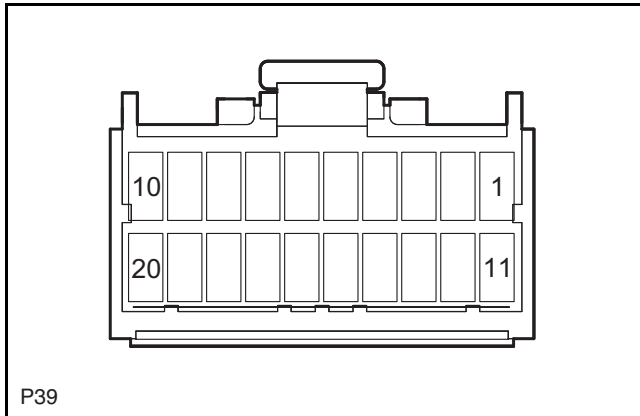
Front Antenna



P38 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/BU	Inside Front Antenna (-)
2	0.3 GN/YE	Inside Front Antenna (+)

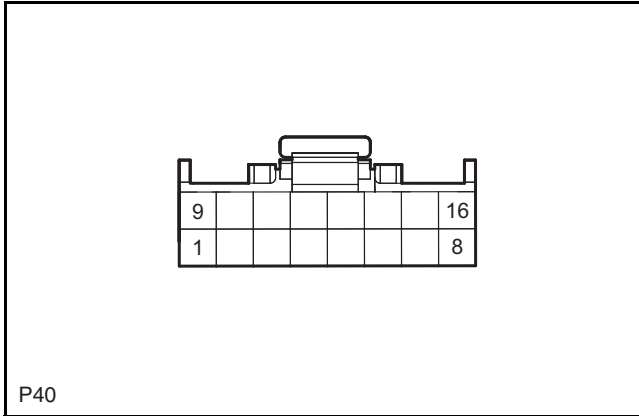
Center Control Panel



P39 Wiring Harness Connector Pin Definition

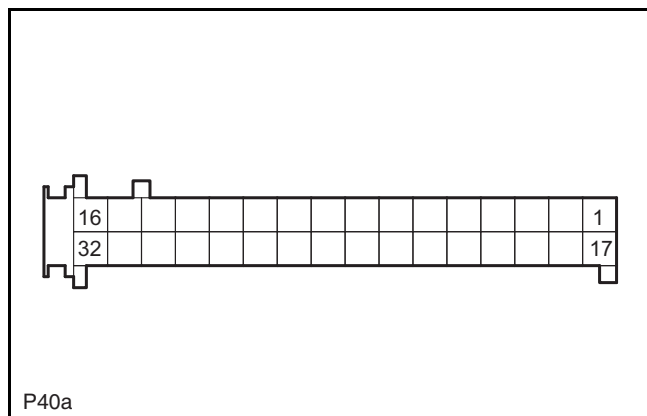
Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 BK/OG	Power Supply IG1
3	-	-
4	-	-
5	0.3 VT/RD	Driver Seat Ventilation
6	0.3 VT/GN	Front Passenger Seat Ventilation
7 (for Level1 Model)	0.3 GN	LIN Wire
7 (for Level2, Level3, Level4 Models)	0.3 GN	LIN Wire
8	0.5 BN	Entertainment CAN-H
9	0.5 BN/BK	Entertainment CAN-L
10	0.3 RD/YE	Backlight Power Supply
11	-	-
12	-	-
13	0.3 YE/BU	Front Passenger Seat Ventilation Level 1
14	0.3 YE/BK	Front Passenger Seat Ventilation Level 2
15	-	-
16	-	-
17	0.3 VT/WH	Driver Seat Ventilation Level 2
18	0.3 VT	Driver Seat Ventilation Level 1
19	-	-
20	-	-

Electric A/C Controller A

**P40 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BU	Air Regulation Control Signal
2	0.5 GY/YE	Blower Feedback Voltage
3	0.5 RD/BU	Air Conditioning System Operating Condition
4	-	-
5	0.5 PK/VT	Recirculation Damper Drive Signal (+ as outer recirculation direction)
6	0.5 BU/RD	Recirculation Damper Drive Signal (+ as inner recirculation direction)
7	0.5 OG	Mode Damper Drive Signal (+ as face direction)
8	0.5 BN/YE	Mode Damper Drive Signal (+ as defroster direction)
9	0.5 OG/WH	Circulation Motor Position Feedback
10	0.5 VT/BK	Signal Grounding
11	0.3 VT/WH	Evaporator Temperature Signal
12	0.3 BN/GN	5V Power Supply
13	0.3 PK/BN	Mode Damper Position Feedback Signal
14	0.3 GN/YE	Mix Damper Position Feedback Signal
15	0.5 LG	Low Speed CAN_H
16	0.5 LG/BK	Low Speed CAN_L

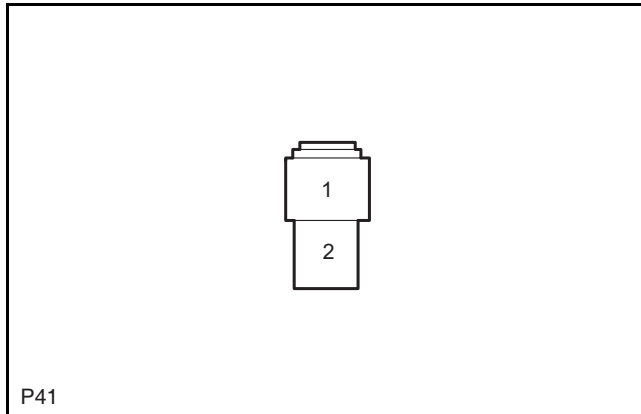
Automatic A/C Controller A

**P40a Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.3 BN/GN	5V Power Supply +
2	-	-
3	-	-
4	0.3 GN	Air Conditioning LIN Line
5	0.5 LG/BK	Low Speed CAN_L
6	0.5 LG	Low Speed CAN_H
7	-	-
8	-	-
9	-	-
10	0.5 GY/YE	Blower Feedback Voltage
11	-	-
12	0.5 PK/VT	Inner and Outer Recirculation Damper
13	-	-
14	0.5 BN/YE	Mode Damper Signal
15	0.5 LG/YE	Refrigeration Signal
16	0.5 WH/BU	Power Supply
17	-	-
18	0.5 RD/BU	Air Conditioning System Operating Condition
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.5 BK/RD	Blower Relay Drive Signal
25	-	-
26	0.5 BU	Blower Control Voltage

Pin No.	Wire Diameter/Color	Function
27	-	-
28	0.5 BU/RD	Inner Recirculation Signal
29	0.5 OG	Face Signal
30	0.5 BK	Grounding
31	0.5 GN/OG	Heating Signal
32	0.5 BK/OG	Ignition Switch IG Power Supply

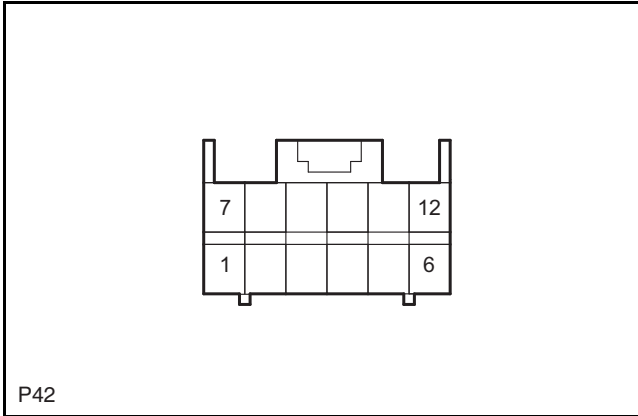
Power Supply - 1



P41 Wiring Harness Connector Pin Definition

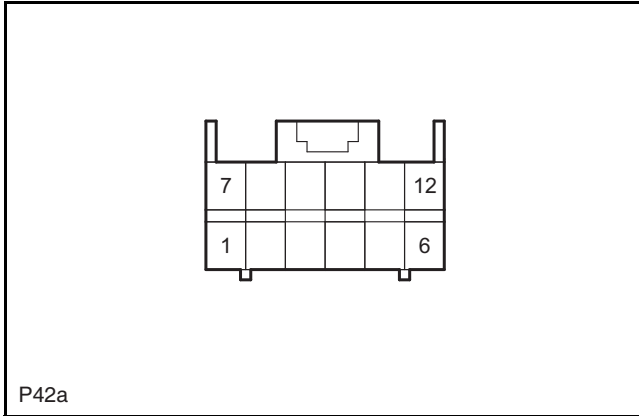
Pin No.	Wire Diameter/Color	Function
1	2.0 BK	Grounding
2 (for Level1, Level2, Level3 Models)	2.0 BN/GY	Power Supply ACC
2 (for Level4 Model)	2.0 RD/BU	Power Supply ACC

Electric A/C Controller B

**P42 Wiring Harness Connector Pin Definition**

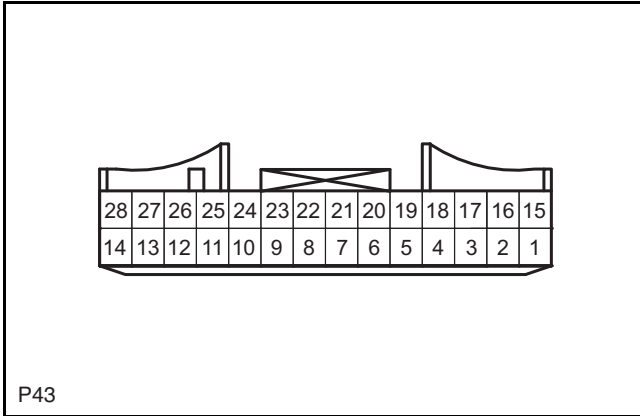
Pin No.	Wire Diameter/Color	Function
1	0.5 GN/OG	Mix Damper Drive Signal (+ as refrigeration direction)
2	0.5 GN/RD	Mix Damper Drive Signal (+ as heating direction)
3	-	-
4	0.5 VT/YE	Outside Temperature Input
5	-	-
6	0.5 BK/OG	IG Power Supply
7	0.3 GN	Air Conditioning LIN
8	-	-
9	-	-
10	-	-
11	0.5 WH/BU	BAT+ (Constant ON)
12	0.5 BK	Power Grounding

Automatic A/C Controller B

**P42a Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Temperature Damper Position Feedback Signal
2	0.3 PK/BN	Recirculation Damper Position Feedback
3	0.3 WH/BK	Grounding
4	0.3 VT/WH	Evaporator Temperature Signal
5	0.3 VT/RD	Sunlight Lamp Sensor Signal
6	-	-
7	0.3 RD	Mode Damper Position Feedback
8	-	-
9	-	-
10	0.5 VT/YE	Outside Temperature Sensor Signal
11	0.5 GN/RD	Sunlight Lamp Sensor Signal Grounding
12	0.3 BU/YE	Room Temperature Sensor Signal

Radio D

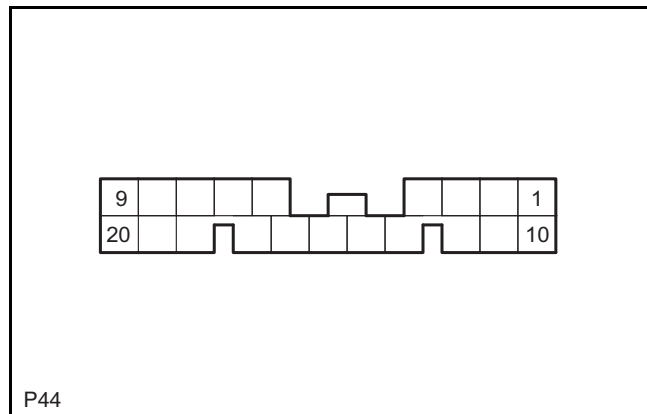


P43 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU	MIC+
2	-	-
3	0.5 BU/YE	MIC-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-

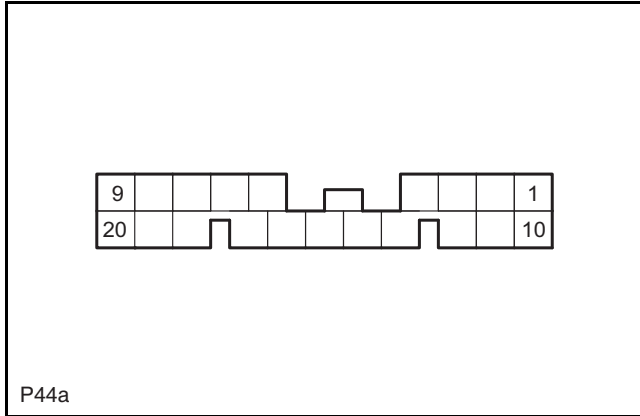
Pin No.	Wire Diameter/Color	Function
27	-	-
28	-	-

HVAC

**P44 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 BU	Air Regulation Control Signal
3	-	-
4	0.3 PK/BN	Mode Damper Position Feedback Signal
5	0.3 BN/GN	5V Power Supply +
6	0.5 PK/VT	Recirculation Damper Drive Signal (+ as outer recirculation direction)
7	0.3 VT/WH	Evaporator Temperature Signal
8	0.5 GY/YE	Blower Feedback Signal
9	-	-
10	0.5 OG	Mode Damper Drive Signal (+ as outer face direction)
11	0.5 BN/YE	Mode Damper Drive Signal (+ as defroster direction)
12	0.5 BK/OG	Power Supply IG1
13	0.5 VT/BK	Grounding
14	0.5 BU/RD	Recirculation Damper Drive Signal (+ as inner recirculation direction)
15	0.3 GN/YE	Mix Damper Position Feedback Signal
16	0.5 GN/OG	Mix Damper Drive Signal (+ as refrigeration direction)
17	0.5 GN/RD	Mix Damper Drive Signal (+ as heating direction)
18	0.5 OG/WH	Recirculation Damper Position Feedback
19	-	-
20	-	-

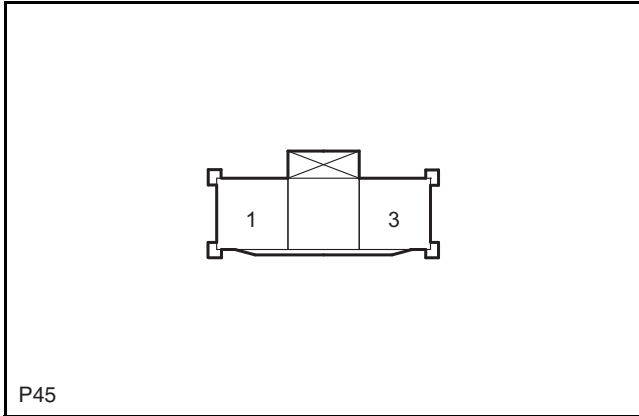
HVAC



P44a Wiring Harness Connector Pin Definition

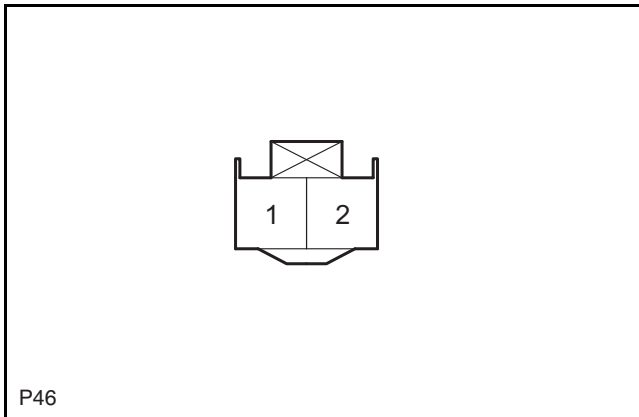
Pin No.	Wire Diameter/Color	Function
1	-	-
2	0.5 BU	Air Regulation Control Signal
3	-	-
4	0.3 RD	Mode Damper Position Feedback Signal
5	0.3 BN/GN	5V Power Supply +
6	0.5 PK/VT	Inner and Outer Recirculation Damper Signal
7	0.3 VT/WH	Evaporator Temperature Sensor Signal
8	0.5 GY/YE	Blower Feedback Voltage
9	-	-
10	0.5 OG	Face Signal
11	0.5 BN/YE	Mode Damper Signal
12	0.5 BK/OG	Power Supply IG1
13	0.3 WH/BK	Grounding
14	0.5 BU/RD	Inner Recirculation
15	0.3 GN/YE	Temperature Damper Position Feedback
16	0.5 LG/YE	Refrigeration Signal
17	0.5 GN/OG	Heating Signal
18	0.3 PK/BN	Recirculation Damper Position Feedback
19	-	-
20	-	-

Blower

**P45 Wiring Harness Connector Pin Definition**

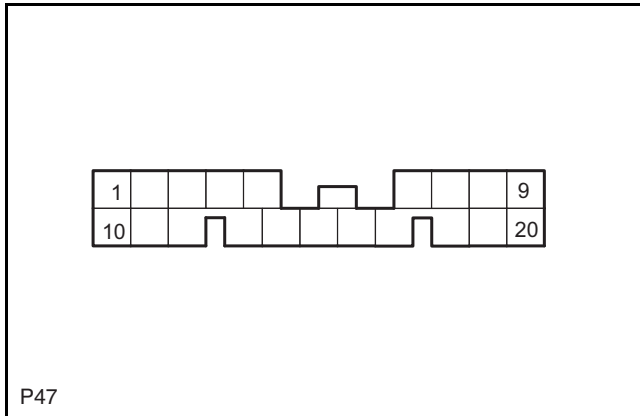
Pin No.	Wire Diameter/Color	Function
1	4.0 BK	Blower Power Supply +
2	-	-
3	4.0 LG	Grounding (Speed Regulation Module)

Glove Box Lamp

**P46 Wiring Harness Connector Pin Definition**

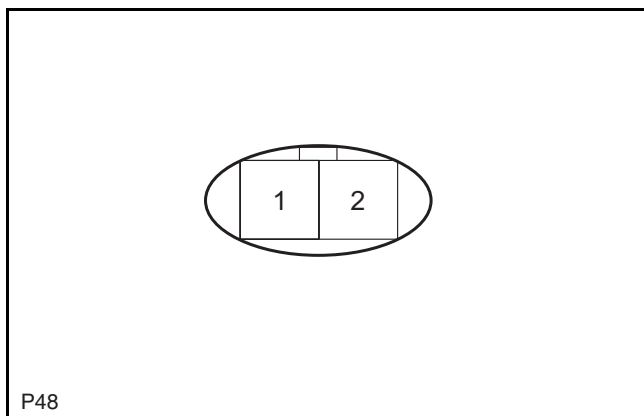
Pin No.	Wire Diameter/Color	Function
1	0.5 OG	Glove Box Lamp Power Supply
2	0.5 BK	Glove Box Lamp Grounding

BCM-B

**P47 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.85 RD/WH	Turn Lamp Power Supply
2	0.5 OG	Front Turn Lamp Malfunction Diagnosis
3	0.3 RD/BN	Dome Lamp Output Signal
4	0.85 OG	Indoor Lamp Power Supply
5	-	-
6	2.0 VT/BK	Front Wiper Low Speed
7	1.25 BK	Grounding
8	0.5 YE/BN	Left Front Door Unlock
9	0.5 BU/YE	Luggage Compartment Unlock
10	0.85 GN/BK	Right Turn Lamp
11	0.85 GN/WH	Left Turn Lamp
12	1.25 OG/GN	Oil Pump Pressure Buildup & Energy Saving Output Power Supply
13	1.25 BK/RD	Oil Pump Pressure Buildup Control
14	0.5 OG/WH	Rear Fog Lamp Output
15	0.5 OG/BK	Rear Fog Lamp Power Supply
16	2.0 GY	Front Wiper Power Supply
17	2.0 VT	Wiper High Speed
18	0.85 PK/GN	Lock Power Supply
19	0.85 YE/WH	Door Lock Motor Unlock
20	0.85 YE/BU	Door Lock Motor Lock

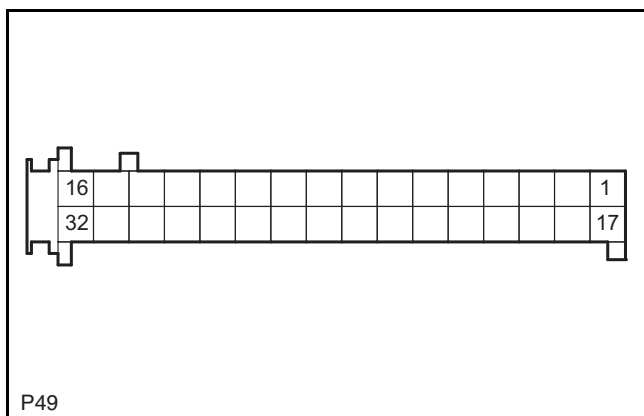
Front Passenger Foot Lamp



P48 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/RD	Front Passenger Foot Lamp Power Supply
2	0.5 BK	Front Passenger Foot Lamp Grounding

BCM-D



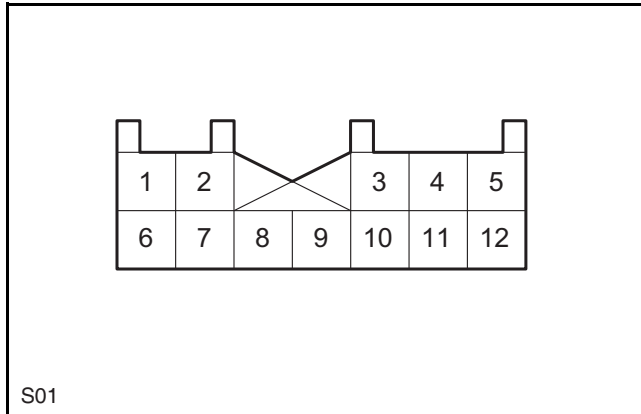
P49 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 OG/GN	Tire Pressure
2	0.5 WH/BU	Left Front Window Up
3	-	-
4	0.5 PK/BU	Window Switch Power Supply Relay
5	-	-
6	0.3 VT	Rear Wiper Relay
7	0.3 PK/BK	Low Beam Lamp Relay
8	0.5 OG	Front Fog Lamp Relay
9	0.3 WH	Right Front Door Unlock Status
10	0.3 GN	Overtaking Light Switch
11	0.3 GY/BN	Horn Switch Input

Pin No.	Wire Diameter/Color	Function
12	0.5 LG/BU	BCM-LIN
13	0.5 LG	CAN_H
14	0.5 LG/BK	CAN_L
15	0.5 YE/RD	Central Control Unlock Switch
16	0.5 GN/YE	Central Control Lock Switch
17	0.5 WH	Remote Control Down Output
18	-	-
19	-	-
20	-	-
21	0.3 GN/VT	High Beam Lamp Relay
22	-	-
23	0.3 BN/VT	Anti-theft Indicator
24	0.3 BU/RD	Rearview Mirror Folding Switch Input
25	0.3 YE/BK	Collision Signal
26	0.5 BU/BK	Tire Pressure DGND
27	0.3 PK/WH	Left Front Door Unlock Status
28	0.3 PK/GN	Luggage Compartment Release Switch
29	0.3 RD/GN	Module Enabled
30	-	-
31	0.5 YE/WH	ECO/SPORT Switch
32	0.5 OG/BK	Rear Turn Lamp Malfunction Diagnosis

Chassis Wiring Harness Connector (S--)

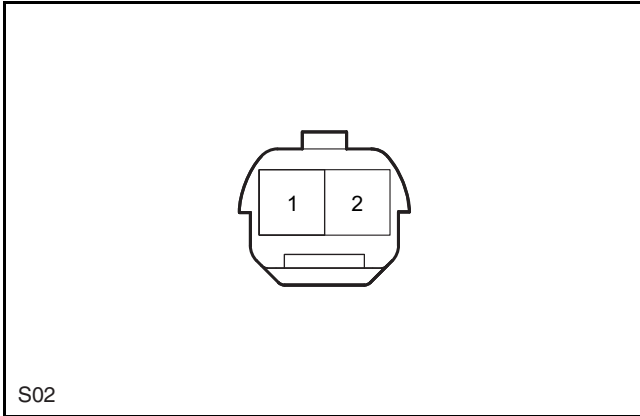
Driver Seat Controller



S01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	1.25 RD	Power Supply (Constant ON)
2	0.5 WH/BK	IGN2 Power Supply
3	-	-
4	0.3 VT/RD	Driver Seat Ventilation Switch Signal
5	-	-
6	-	-
7	-	-
8	0.3 VT/WH	Driver Seat Ventilation Level 2 Switch Signal
9	0.3 VT	Driver Seat Ventilation Level 1 Switch Signal
10	1.25 BK	Grounding
11	-	-
12	-	-

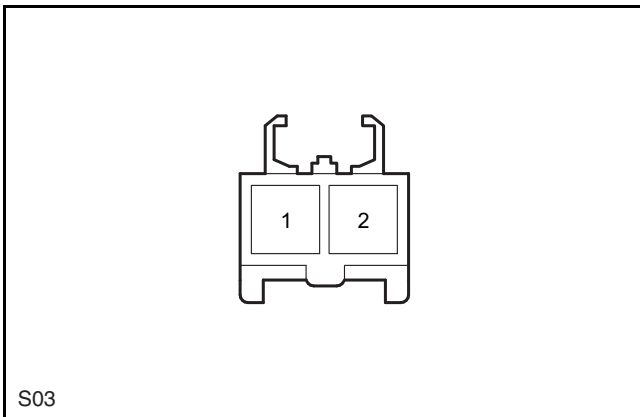
Driver Seat Belt Switch



S02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 LG/WH	Driver Seat Belt Switch +

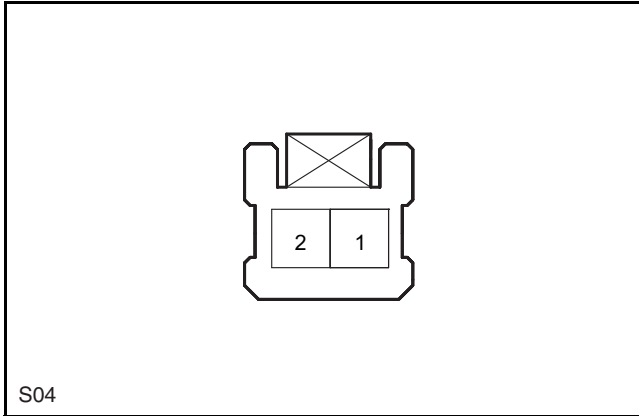
Driver Side Airbag



S03 Wiring Harness Connector Pin Definition

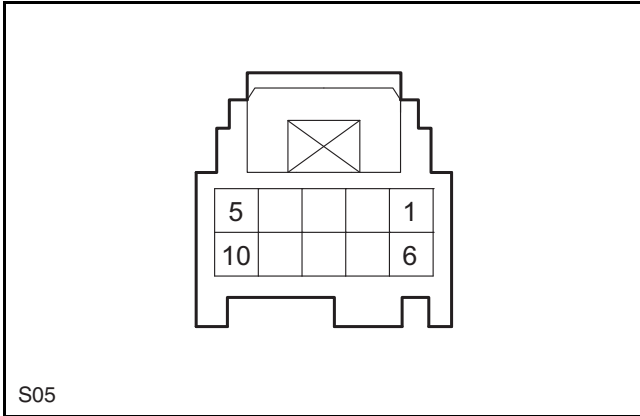
Pin No.	Wire Diameter/Color	Function
1	0.5 WH	Driver Side Airbag +
2	0.5 WH/BK	Driver Side Airbag -

Driver Power Seat

**S04 Wiring Harness Connector Pin Definition**

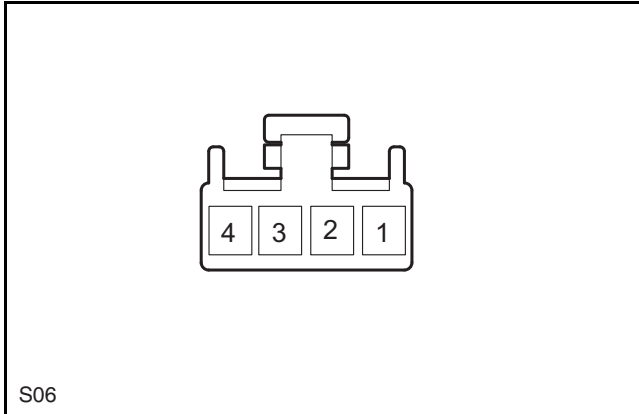
Pin No.	Wire Diameter/Color	Function
1	2.0 RD/YE	Power Supply (Constant ON)
2	2.0 BK	Grounding

AUTOHOLD and EPB Switch

**S05 Wiring Harness Connector Pin Definition**

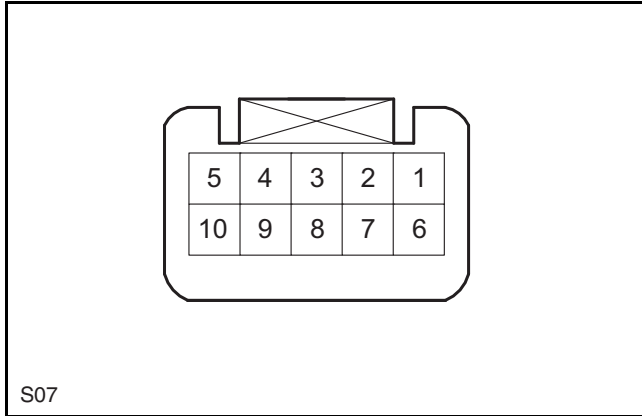
Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Backlight Power Supply
2	0.5 BK	Grounding
3	0.5 WH/BU	BAT Power Supply
4	0.3 YE/BK	SW1
5 (for Level1, Level2, Level3 Models)	0.3 OG	SW3
5 (for Level4 Model)	0.3 PK/BU	SW3
6 (for Level1, Level2, Level3 Models)	0.3 PK/BU	SW4
6 (for Level4 Model)	0.3 WH/BK	SW4
7 (for Level1, Level2, Level3 Models)	0.3 PK/WH	SW6
7 (for Level4 Model)	0.3 OG/GN	SW6
8	0.3 RD/WH	AVH Switch Signal
9	0.3 WH	AVH Background Lamp Signal
10	0.3 YE/GN	EPB Background Lamp Signal

Center Console Switch Box

**S06 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2 (for Level1, Level2 Models)	0.5 YE/WH	ECO/SPORT Switch Signal
2 (for Level3, Level4 Models)	0.5 GN/WH	ECO/SPORT Switch Signal
3 (for Level3, Level4 Models)	0.5 PK/WH	4WD Switch Signal
4	0.5 RD/YE	Backlight Power Supply

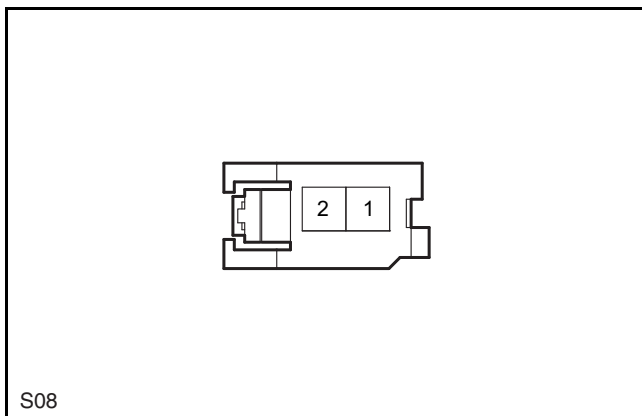
Shift Controller



S07 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/GN	Shift Relay Power Supply
2	0.5 BK	Grounding
3	0.5 PK	MS+
4	0.5 YE	MS
5	0.5 BU	MS-
6	0.5 RD/YE	Background Lamp Signal
7	0.5 BK	Grounding
8	0.5 BU/BN	IG1 Power Supply
9	-	-
10	-	-

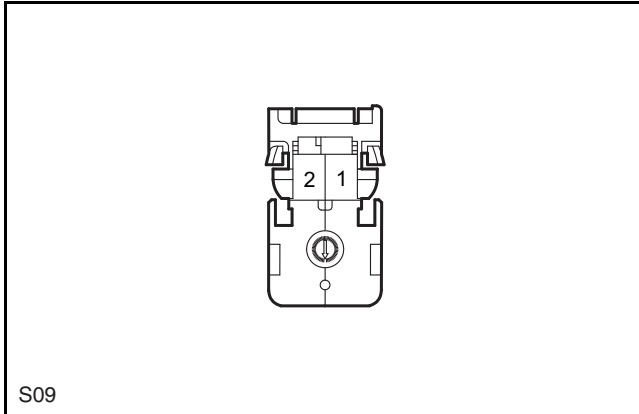
Power Supply - 2



S08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/RD	Power Supply
2	0.5 BK	Grounding

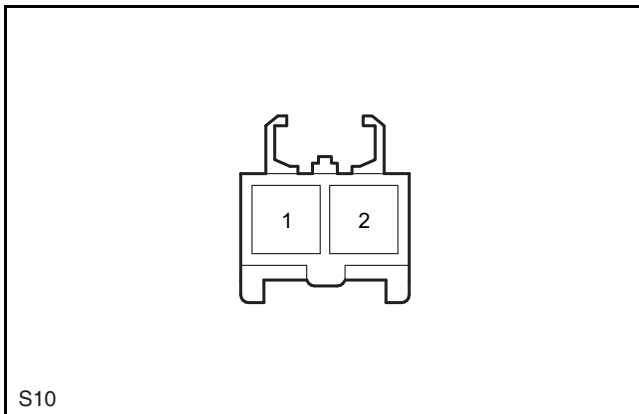
Left Side Curtain Shield Airbag



S09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 VT	Left Side Curtain Shield Airbag +
2	0.3 VT/BK	Left Side Curtain Shield Airbag -

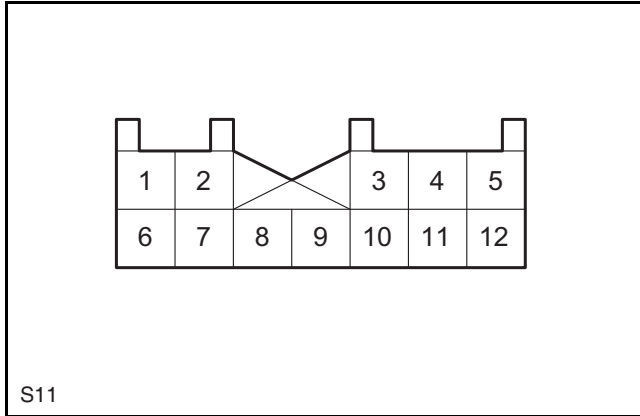
Front Passenger Side Airbag



S10 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 GY/BU	Front Passenger Side Airbag -
2	0.5 GY/YE	Front Passenger Side Airbag +

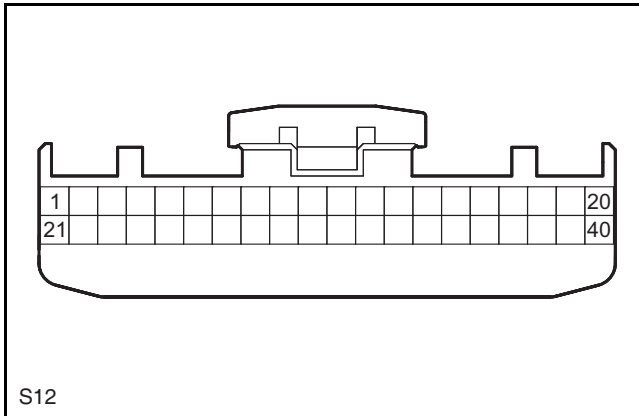
Front Passenger Seat Controller



S11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	1.25 RD	Power Supply (Constant ON)
2	0.5 WH/BK	IGN2 Power Supply
3	-	-
4	0.3 YE/GN	Front Passenger Seat Ventilation Switch Signal
5	-	-
6	-	-
7	-	-
8	0.3 YE/BK	Front Passenger Seat Ventilation Level 2 Switch Signal
9	0.3 YE/BU	Front Passenger Seat Ventilation Level 1 Switch Signal
10	1.25 BK	Grounding
11	-	-
12	-	-

Panorama View Monitor

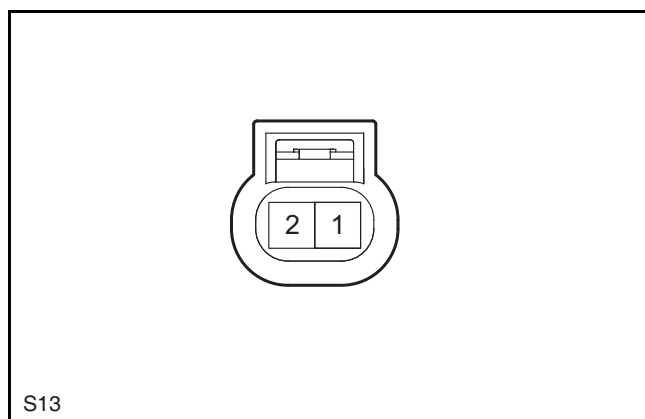


S12 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	0.5 LG/BK	Low Speed CAN-L
5	-	-
6	-	-
7	-	-
8	-	-
9	-	Panoramic Video Signal Grounding
10	0.5 GN	Left Camera VIDEO +
11	0.5 WH/RD	Left Camera Grounding
12	0.5 GN/WH	Front Camera Power Supply
13	-	Front Camera VIDEO -
14	0.5 GN	Rear Camera VIDEO +
15	0.5 WH	Rear Camera Grounding
16	0.5 RD/WH	Right Camera Power Supply
17	-	Right Camera VIDEO -
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.5 LG	Low Speed CAN-H
25	-	-
26	-	-

Pin No.	Wire Diameter/Color	Function
27	-	-
28	-	-
29	0.5 GN/BU	Panoramic Video Signal
30	-	Left Camera VIDEO -
31	0.5 BK/YE	Left Camera Power Supply
32	0.5 RD/GN	Front Camera Grounding
33	0.5 BU	Front Camera VIDEO +
34	-	Rear Camera VIDEO -
35	0.5 RD	Rear Camera Power Supply
36	0.5 BK/WH	Right Camera Grounding
37	0.5 GN/RD	Right Camera VIDEO +
38	0.5 YE/GN	IG Power Supply
39	0.5 RD/WH	Constant ON
40	0.5 BK	Grounding

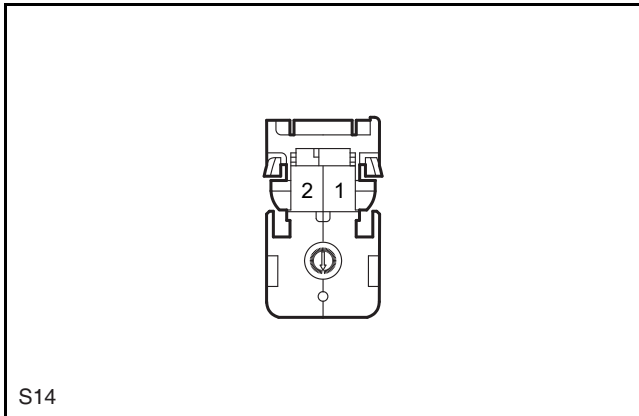
Front Passenger Side Collision Sensor



S13 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Front Passenger Side Collision Sensor +
2	0.3 GN/RD	Front Passenger Side Collision Sensor -

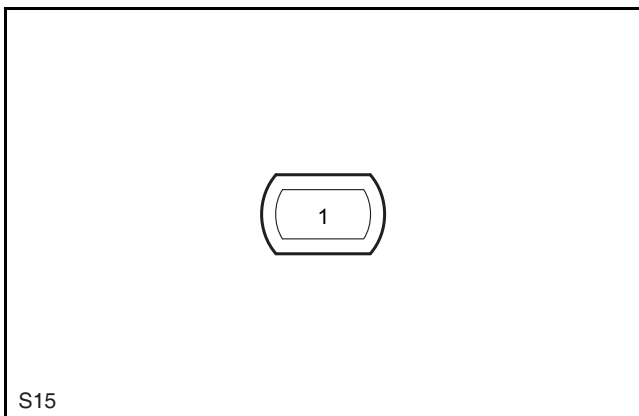
Front Passenger Seat Belt Retractor



S14 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 PK	Front Passenger Seat Belt Retractor +
2	0.3 PK/BK	Front Passenger Seat Belt Retractor -

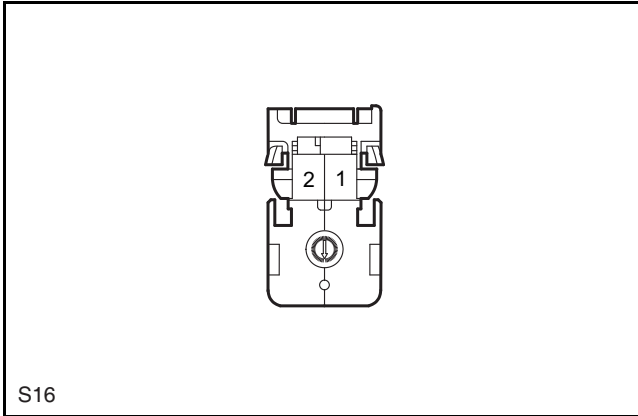
Right Front Door Contact Switch



S15 Wiring Harness Connector Pin Definition

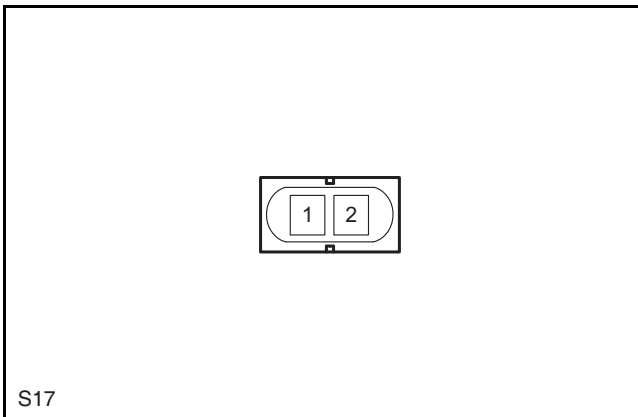
Pin No.	Wire Diameter/Color	Function
1	0.3 WH/OG	Right Front Door Contact Switch

Right Side Curtain Shield Airbag

**S16 Wiring Harness Connector Pin Definition**

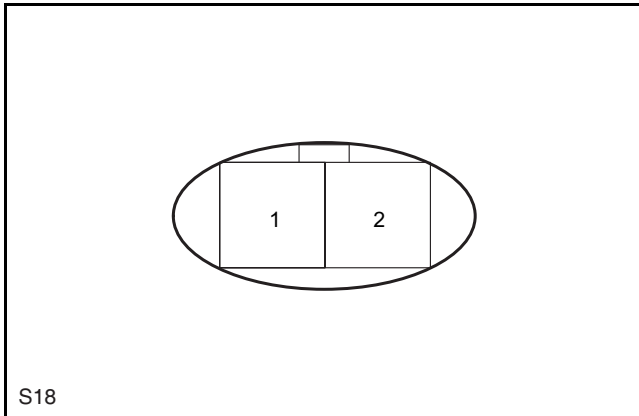
Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Right Side Curtain Shield Airbag +
2	0.3 GN/BU	Right Side Curtain Shield Airbag -

4WD Sensor

**S17 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.85 RD	4WD Sensor Signal
2	0.85 RD/WH	4WD Sensor Signal

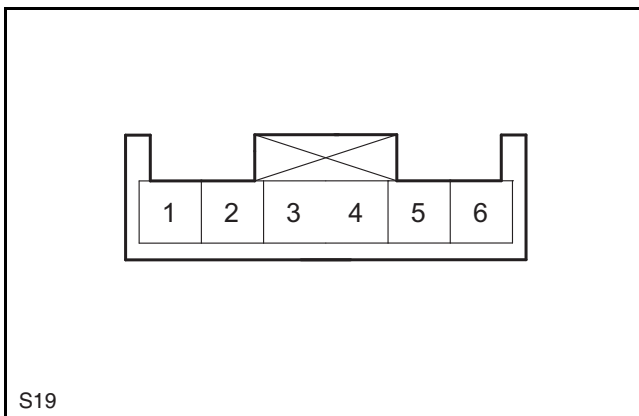
Luggage Compartment Lamp



S18 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 OG	Luggage Compartment Lamp Power Supply
2	0.5 GN	Luggage Compartment Lamp Control

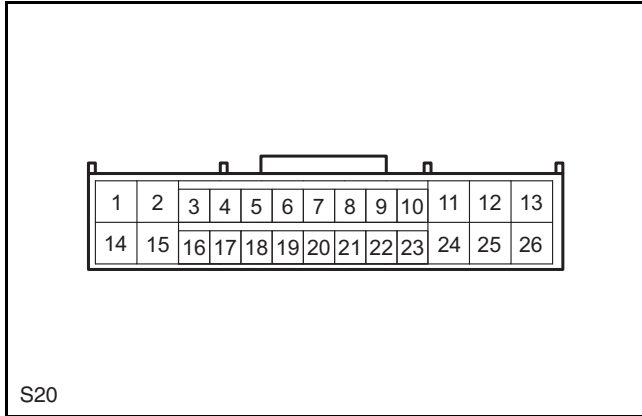
Radio Frequency Receiver



S19 Wiring Harness Connector Pin Definition

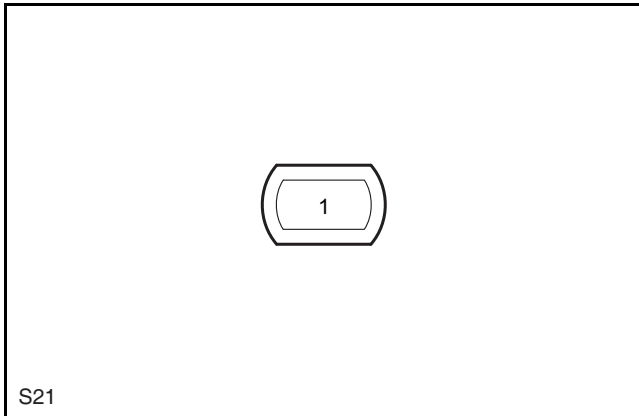
Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	0.5 RD/GN	Radio Frequency Module Enabled Control
4	0.5 BU/BK	Radio Frequency Module Input
5	0.5 OG/GN	Radio Frequency Module Grounding Wire
6	0.5 GY/RD	Power Supply

4WD Controller

**S20 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	0.3 GN	CANH
9	0.3 GN/BK	CANL
10	-	-
11	0.85 RD	4WD Sensor Signal
12	1.25 BK	Grounding
13	1.25 RD/WH	Constant ON
14	-	-
15	-	-
16	0.5 PK/WH	4WD Switch Signal
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	0.5 GN/WH	IG1 Power Supply
24	0.85 RD/WH	4WD Sensor Signal
25	-	-
26	-	-

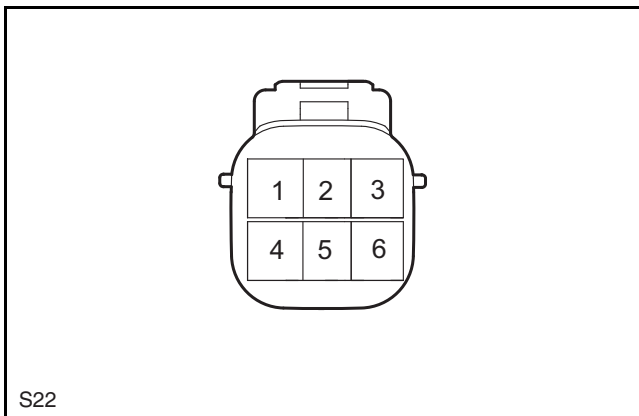
Right Rear Door Contact Switch



S21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 WH/YE	Right Rear Door Contact Switch

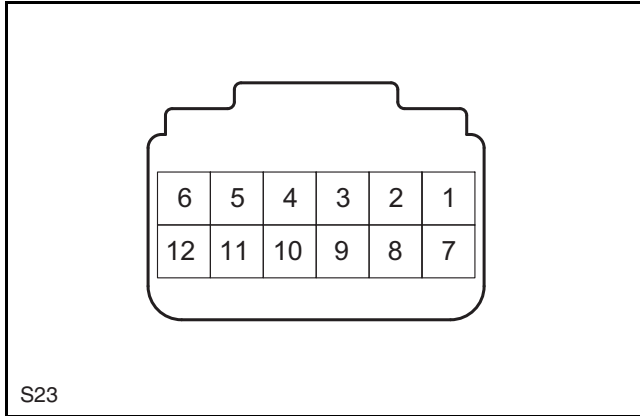
Right Rear Combination Lamp



S22 Wiring Harness Connector Pin Definition

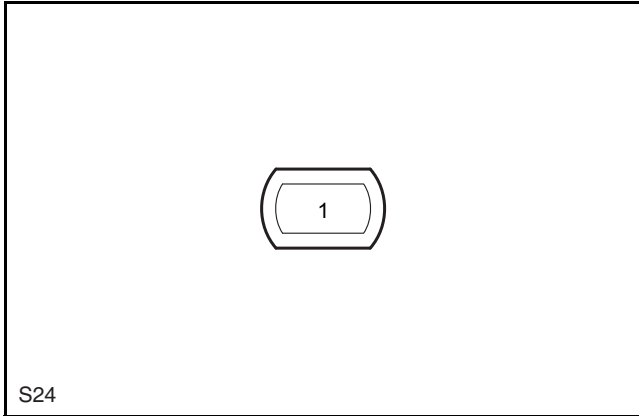
Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 BN/YE	Brake Lamp Power Supply
3	0.5 RD	Position Lamp Power Supply
4	0.5 GN/BK	Right Turn Lamp
5	0.5 OG/BK	Right Turn Lamp Diagnosis
6	-	-

Right Blind Spot Monitoring Controller

**S23 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/WH	Constant ON
2	0.5 GN/BK	High Speed CAN-L
3	0.5 GN	High Speed CAN-H
4	0.3 BK	Grounding
5	0.3 VT/BK	PCAN-L
6	0.3 VT	PCAN-H
7	-	-
8	-	-
9	-	-
10	0.5 YE/GN	IG1 Power Supply
11	-	-
12	-	-

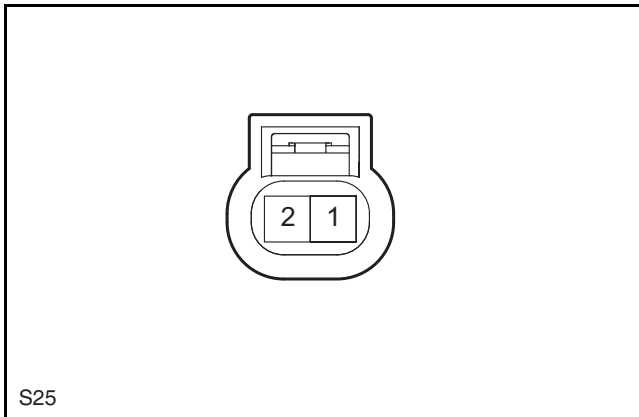
Left Front Door Contact Switch



S24 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 WH/GN	Left Front Door Contact Switch

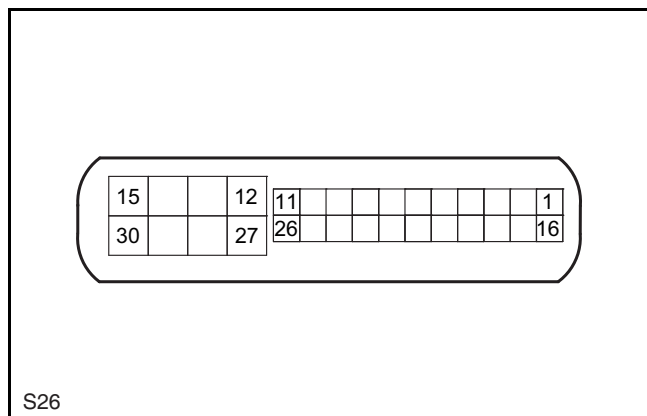
Driver Side Collision Sensor



S25 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 RD	Driver Side Collision Sensor +
2	0.3 RD/BK	Driver Side Collision Sensor -

Electronic Parking Brake Controller

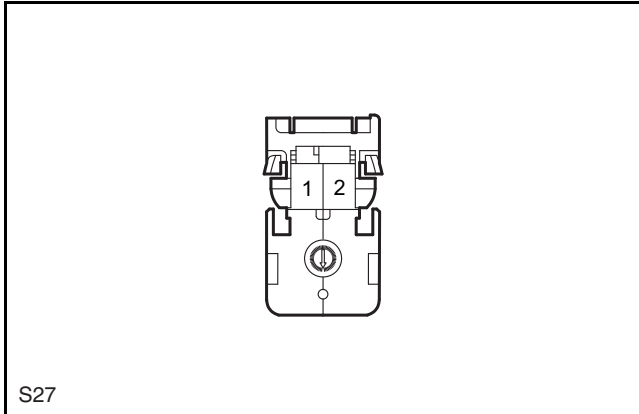


S26 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	0.3 YE/GN	EPB Switch Indicator
9	0.3 YE/BK	SW1 / Switch Line 1
10	0.3 OG	SW2 / Switch Line 2
11	-	-
12	2.0 VT	Right Motor Drive +
13	2.0 RD/BK	30 Constant ON
14	2.0 GY	Left Motor Drive +
15	2.0 RD/WH	30 Constant ON
16	0.5 GN	CAN_H
17	0.5 GN/BK	CAN_L
18	0.3 PK/BU	SW3 / Switch Line 3
19	0.3 PK/WH	SW4 / Switch Line 4
20	-	-
21	-	-
22	0.5 RD/GN	IGN1 Power Supply
23	-	-
24	-	-
25	-	-
26	-	-

Pin No.	Wire Diameter/Color	Function
27	2.0 VT/BK	Right Motor Drive -
28	2.0 BK	Grounding
29	2.0 GY/BK	Left Motor Drive -
30	2.0 BK	Grounding

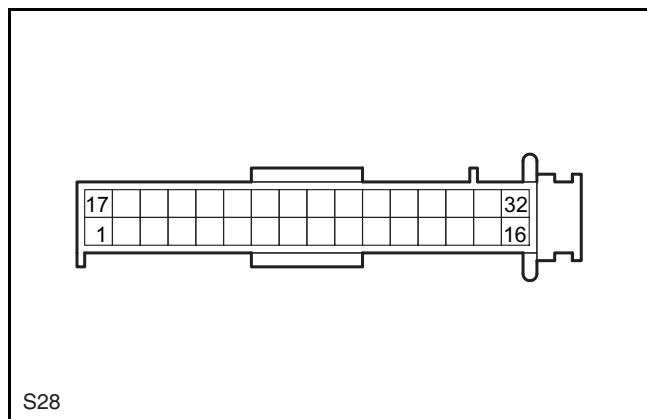
Driver Seat Belt Retractor



S27 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BU	Driver Seat Belt Retractor +
2	0.3 BU/YE	Driver Seat Belt Retractor -

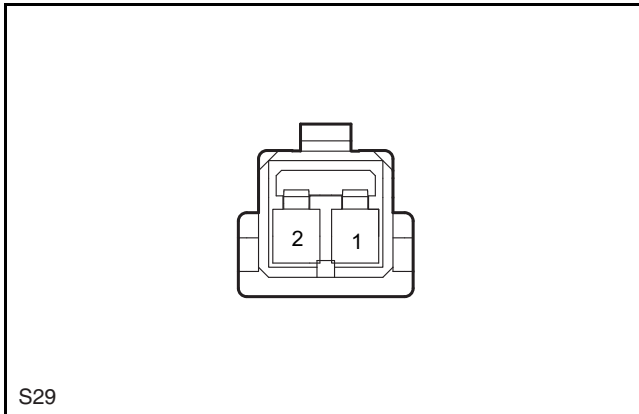
Airbag Controller

**S28 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.3 YE/BK	Collision Output Signal
2	0.3 GY/RD	Driver Airbag +
3	0.3 GY/BN	Driver Airbag -
4	0.3 BN/BU	Front Passenger Frontal Airbag -
5	0.3 BN/YE	Front Passenger Frontal Airbag +
6	0.3 BU	Driver Seat Belt with Pretensioner +
7	0.3 BU/YE	Driver Seat Belt with Pretensioner -
8	0.3 PK	Front Passenger Seat Belt with Pretensioner -
9	0.3 PK/BK	Front Passenger Seat Belt with Pretensioner +
10	0.3 RD	Driver Side Collision Sensor +
11	0.3 RD/BK	Driver Side Collision Sensor -
12	0.3 GN/YE	Front Passenger Side Collision Sensor +
13	0.3 GN/RD	Front Passenger Side Collision Sensor -
14	0.5 YE/BK	Occupant Seat Belt Buckle Signal
15	-	-
16	0.5 YE	IG1 Power Supply
17	0.5 BK	Grounding
18	0.5 WH	Driver Side Airbag +
19	0.5 WH/BK	Driver Side Airbag -
20	0.5 GY/BU	Front Passenger Side Airbag -
21	0.5 GY/YE	Front Passenger Side Airbag +
22	0.3 VT	Driver Side Curtain Shield Airbag +
23	0.3 VT/BK	Driver Side Curtain Shield Airbag -
24	-	-
25	-	-
26	-	-

Pin No.	Wire Diameter/Color	Function
27	-	-
28	0.3 GN/BU	Front Passenger Side Curtain Shield Airbag -
29	0.3 GN/YE	Front Passenger Side Curtain Shield Airbag +
30	0.5 LG/WH	Driver Seat Belt Buckle Signal
31	0.5 GN	High Speed CAN-H
32	0.5 GN/BK	High Speed CAN-L

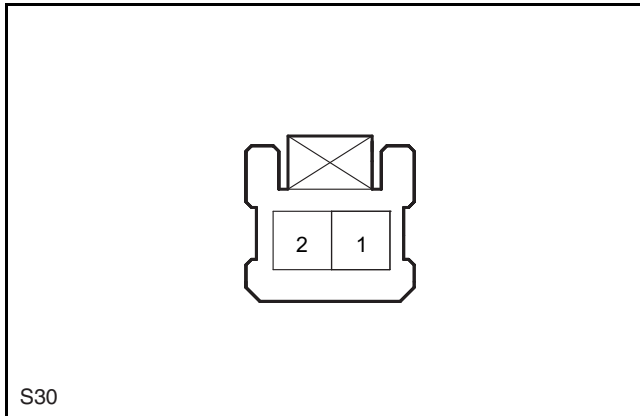
Front Passenger Seat Sensor



S29 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK	Power Supply
2	0.5 BK	Grounding

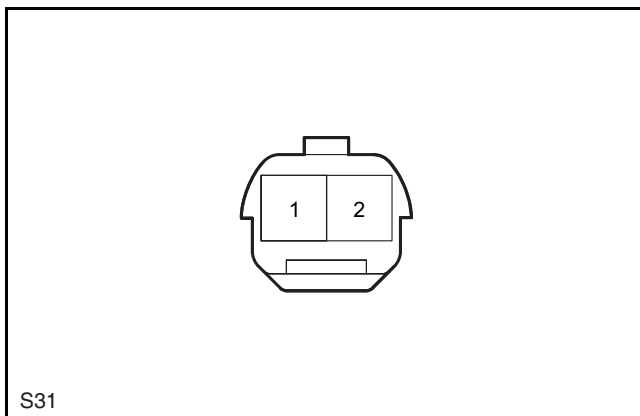
Front Passenger Power Seat



S30 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/YE	Constant ON
2	2.0 BK	Grounding

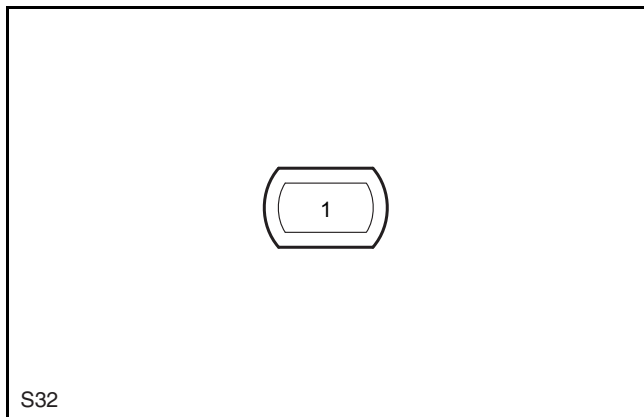
Front Passenger Seat Belt Switch



S31 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK	Front Passenger Seat Belt Switch Output Signal
2	0.5 YE/BK	Front Passenger Seat Belt Switch Input Signal

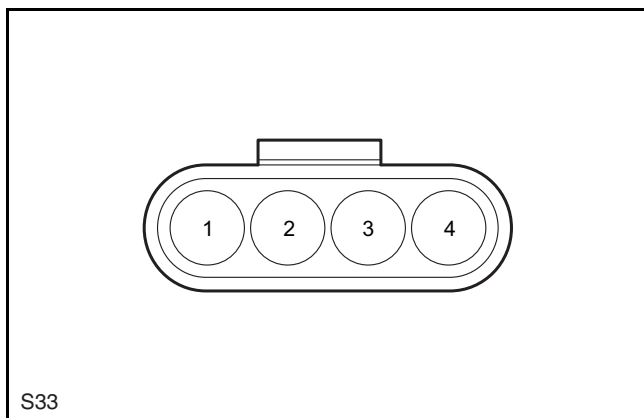
Left Rear Door Contact Switch



S32 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 WH/OG	Left Rear Door Contact Switch

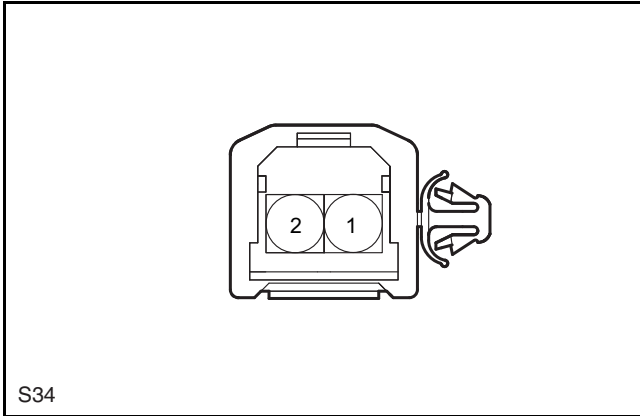
Fuel Pump



S33 Wiring Harness Connector Pin Definition

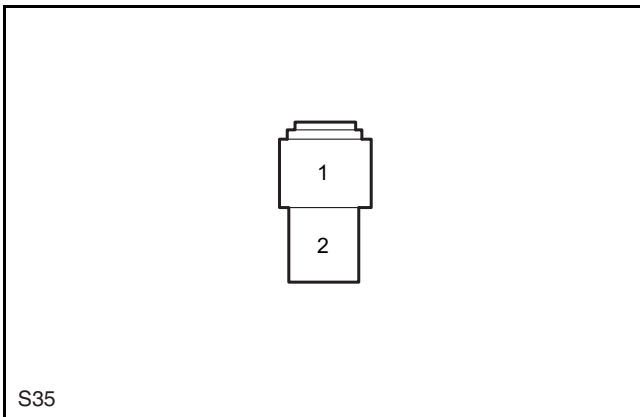
Pin No.	Wire Diameter/Color	Function
1	0.3 BU/RD	Fuel Level Sensor Grounding
2	0.3 YE/RD	Fuel Signal
3	2.0 BK/RD	Oil Pump Relay Power Supply
4	2.0 BK	Grounding

Left Rear Wheel Speed Sensor

**S34 Wiring Harness Connector Pin Definition**

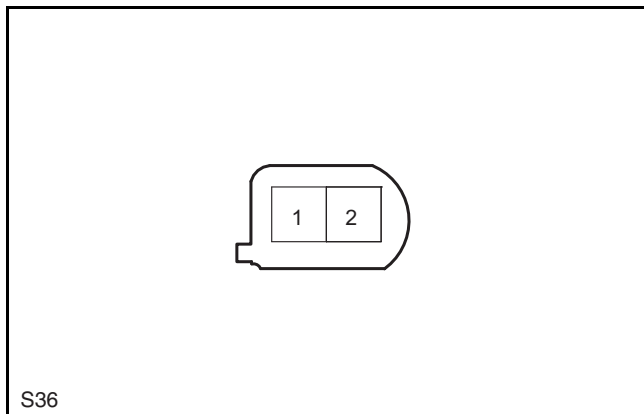
Pin No.	Wire Diameter/Color	Function
1	0.3 BU	Power Supply
2	0.3 BU/YE	Signal

Power Supply - 3

**S35 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	2.0 BK	Grounding
2	2.0 RD/BU	ACC

Left EPB Actuator Motor

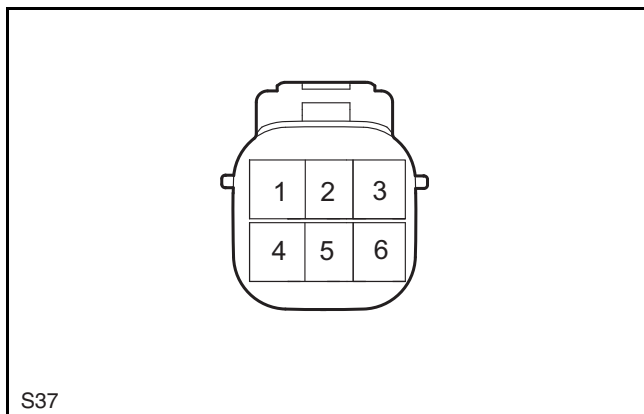


S36

S36 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 GY	Left Motor Drive +
2	2.0 GY/BK	Left Motor Drive -

Left Rear Combination Lamp

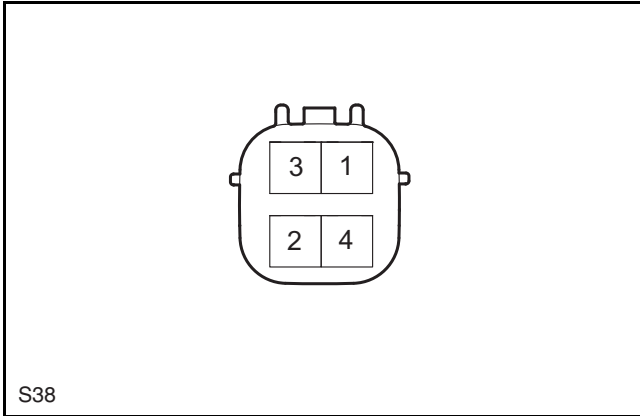


S37

S37 Wiring Harness Connector Pin Definition

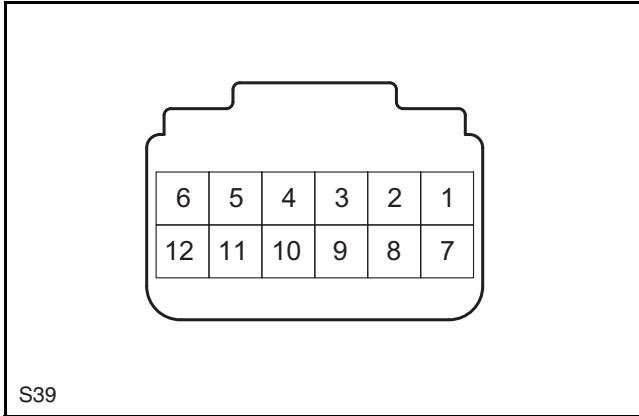
Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 BN/YE	Brake Lamp Power Supply
3	0.5 RD/BU	Position Lamp Power Supply
4	0.5 GN/WH	Left Turn Lamp
5	0.5 OG/BK	Left Turn Lamp Diagnosis
6	-	-

Left Rear Fog Lamp

**S38 Wiring Harness Connector Pin Definition**

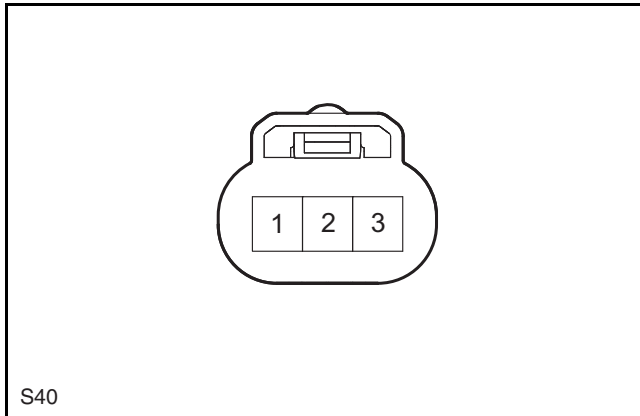
Pin No.	Wire Diameter/Color	Function
1	0.5 OG/WH	Rear Fog Lamp Power Supply
2	0.5 BK	Grounding
3	0.5 BK/RD	Backup Lamp Power Supply
4	-	-

Left Blind Spot Monitoring Controller

**S39 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/WH	30 Constant ON
2	0.5 GN/BK	High Speed CAN-L
3	0.5 GN	High Speed CAN-H
4	0.3 BK	Grounding
5	0.3 VT/BK	PCAN-L
6	0.3 VT	PCAN-H
7	-	-
8	-	-
9	0.5 BK	Grounding
10	0.5 YE/GN	IG1 Power Supply
11	-	-
12	-	-

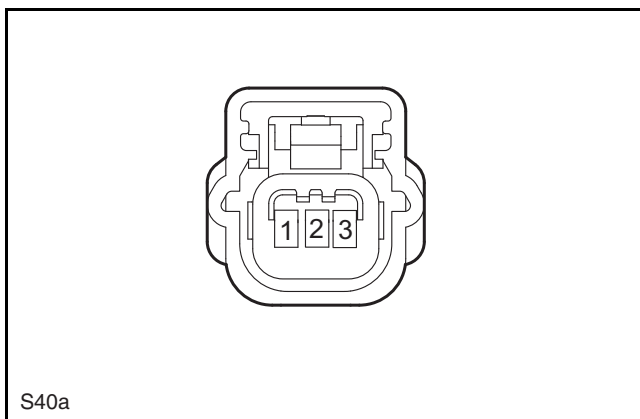
Left Reversing Radar Sensor



S40 wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/BN	Left Reversing Radar Sensor Signal
3	0.3 RD	Grounding

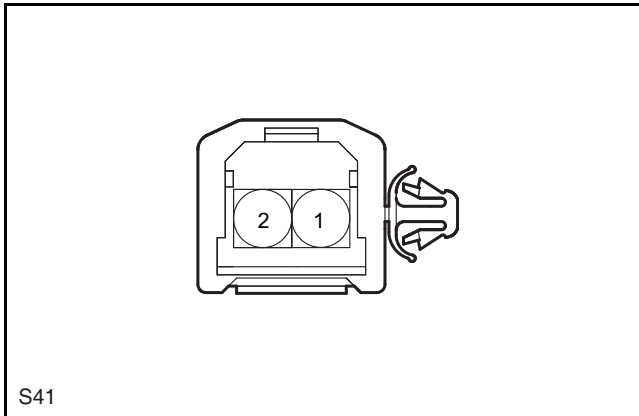
Left Reversing Radar Sensor



S40a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/BN	Left Reversing Radar Sensor Signal
3	0.3 RD	Grounding

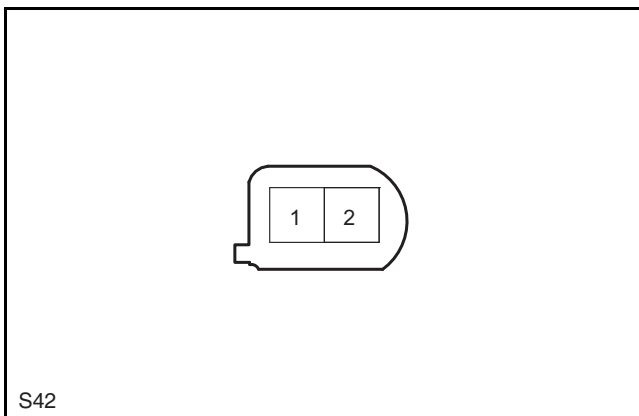
Right Rear Wheel Speed Sensor



S41 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 PK/BK	Power Supply
2	0.3 PK	Signal

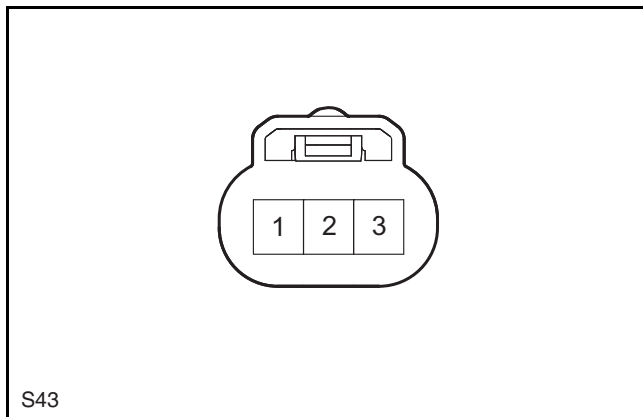
Right EPB Actuator Motor



S42 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 VT	Right Motor Drive +
2	2.0 VT/BK	Right Motor Drive -

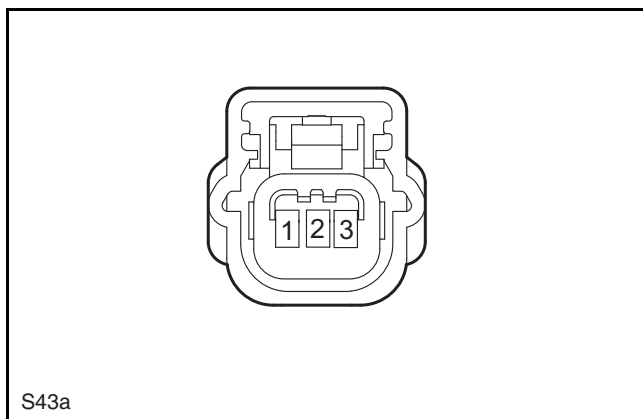
Left Center Reversing Radar Sensor



S43 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/GN	Left Center Reversing Radar Sensor Signal
3	0.3 RD	Grounding

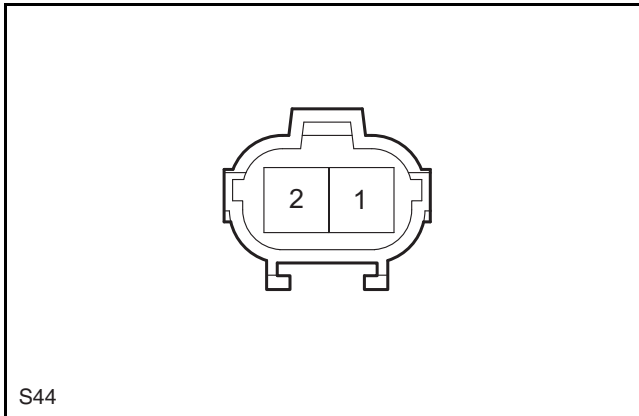
Left Center Reversing Radar Sensor



S43a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/GN	Left Center Reversing Radar Sensor Signal
3	0.3 RD	Grounding

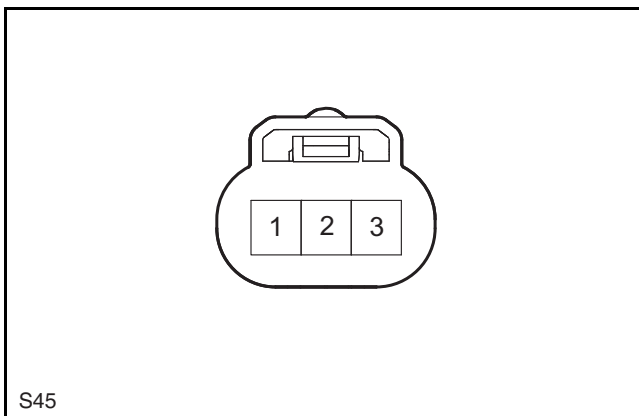
Rear Bumper Antenna



S44 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BN	Rear Bumper Antenna +
2	0.3 BN/BK	Rear Bumper Antenna -

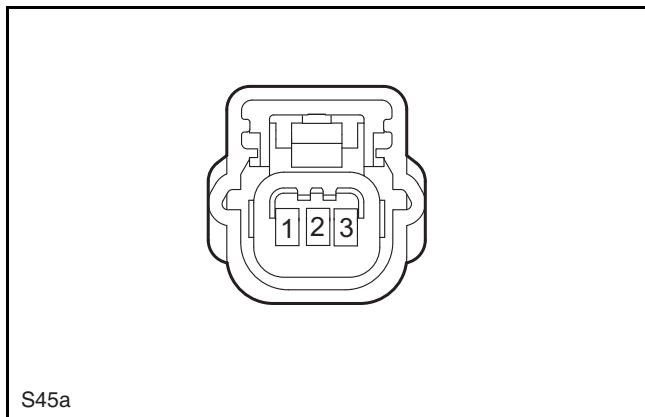
Right Center Reversing Radar Sensor



S45 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 WH	Right Center Reversing Radar Sensor Signal
3	0.3 RD	Grounding

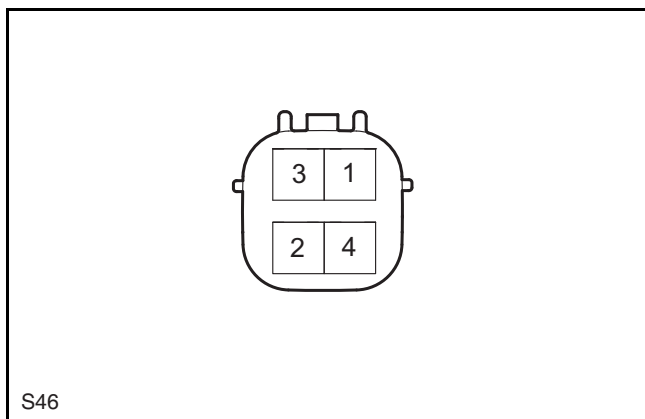
Right Center Reversing Radar Sensor



S45a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 WH	Right Center Reversing Radar Sensor Signal
3	0.3 RD	Grounding

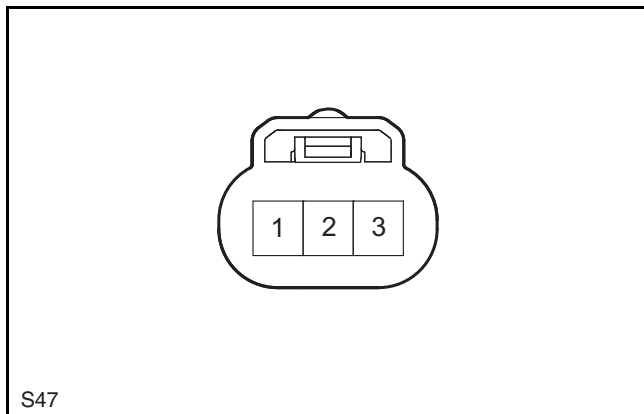
Right Rear Fog Lamp



S46 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 OG/WH	Rear Fog Lamp Power Supply
2	0.5 BK	Grounding
3	0.5 BK/RD	Backup Lamp Power Supply
4	-	-

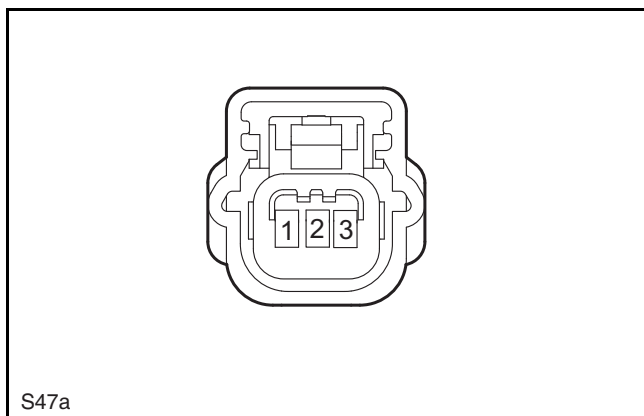
Right Reversing Radar Sensor



S47 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/BU	Right Reversing Radar Sensor Signal
3	0.3 RD	Grounding

Right Reversing Radar Sensor

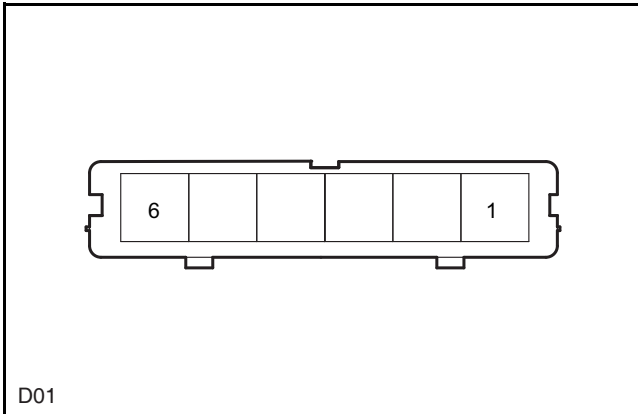


S47a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 GN/YE	Power Supply
2	0.3 GY/BU	Right Reversing Radar Sensor Signal
3	0.3 RD	Grounding

Door Wiring Harness Connector (D--)

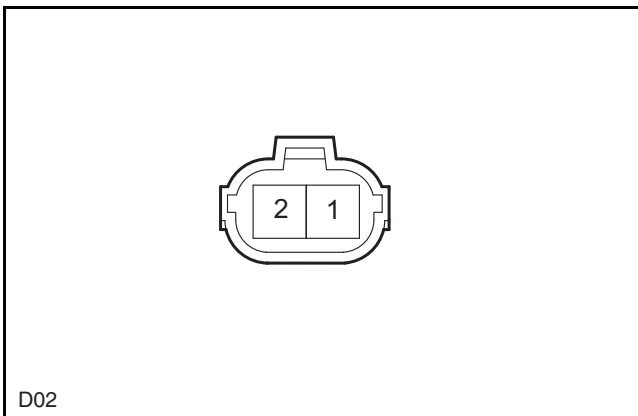
Left Front Door Lock Motor



D01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/BU	Left Front Door Lock Motor Lock Signal
2	0.5 YE/BN	Left Front Door Unlock Signal
3	0.5 PK/WH	Left Front Door Lock Unlock Switch Signal
4	0.85 BK	Grounding
5	-	-
6	-	-

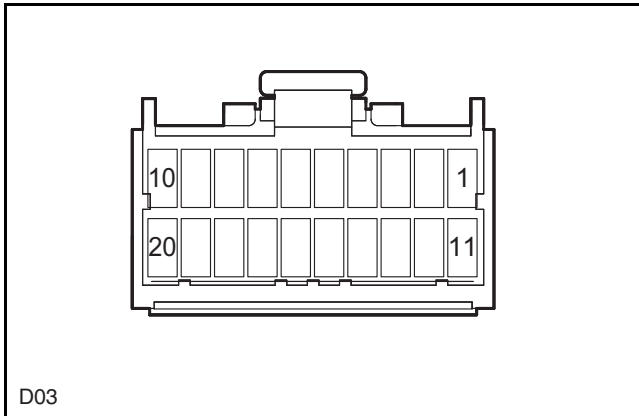
Left Front Door Handle Button



D02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 YE/BN	Driver Side Door Touch Handle +
2	0.3 WH	Driver Side Door Touch Handle -

Left Front Door Window Switch

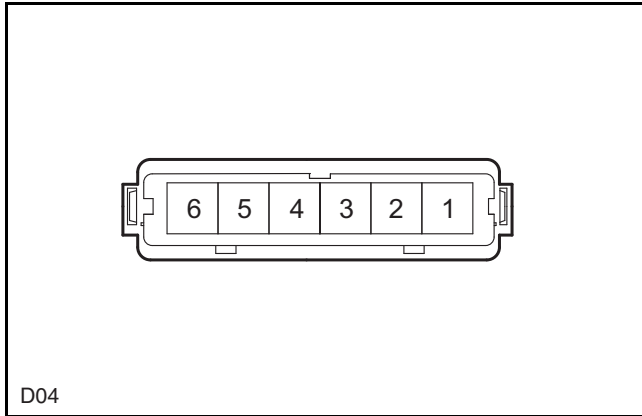


D03 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH	Remote Down Signal
2	0.5 WH/BU	Remote Up Signal
3	0.5 RD/YE	Backlight Power Supply
4	0.5 WH/BU	Left Front Window Motor Up Signal
5 (for Level1 Model)	0.5 WH/BK	Left Front Window Motor Down Signal
6 (for Level4 Model)	0.5 WH/BK	Left Front Window Motor Down Signal
7	0.5 YE/RD	Central Control Unlock Switch Signal
8	0.5 GN/YE	Central Control Lock Switch Signal
9	0.5 YE/BK	Window Lock Switch Signal
10	0.5 WH/VT	IGN Window Relay Power Supply
11 (for Level1 Model)	0.5 BU/WH	Right Front Window Down Signal
11 (for Level4 Model)	0.5 WH	Right Front Window Down Signal
12 (for Level1 Model)	0.5 YE/WH	Right Front Window Up Signal
13	-	-
14	0.5 PK/GN	Left Rear Window Down Signal
15	0.5 PK/BK	Left Rear Window Up Signal
16	0.5 BN/BU	Right Rear Window Down Signal
17	0.5 YE	Right Rear Window Up Signal
18	-	-

19 (for Level1 Model)	0.5 WH	Left Front Door Automatic Public Terminal Signal
20	0.5 BK	Grounding

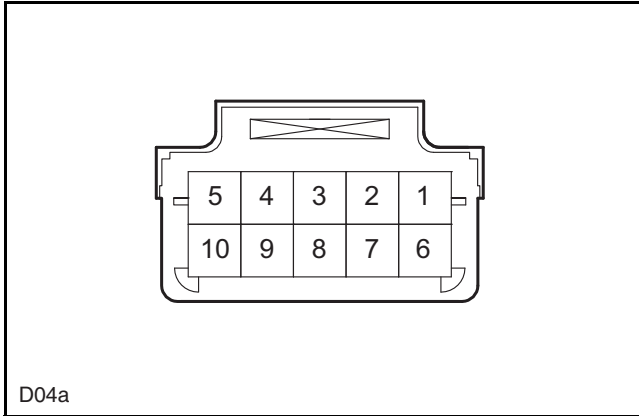
Left Front Glass Regulator Motor



D04 Wiring Harness Connector Pin Definition

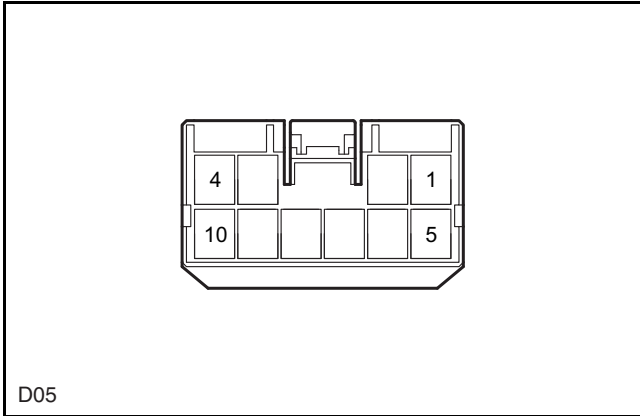
Pin No.	Wire Diameter/Color	Function
1	0.5 WH/BU	Left Front Window Motor Up Signal
2	0.5 WH	Left Front Door Automatic Public Terminal Signal
3	2.0 RD/BK	Power Supply
4	2.0 BK	Power Supply Grounding
5	0.5 LG/BU	LIN Line
6	0.5 WH/BK	Left Front Window Motor Down Signal

Left Front Glass Regulator Motor

**D04a Wiring Harness Connector Pin Definition**

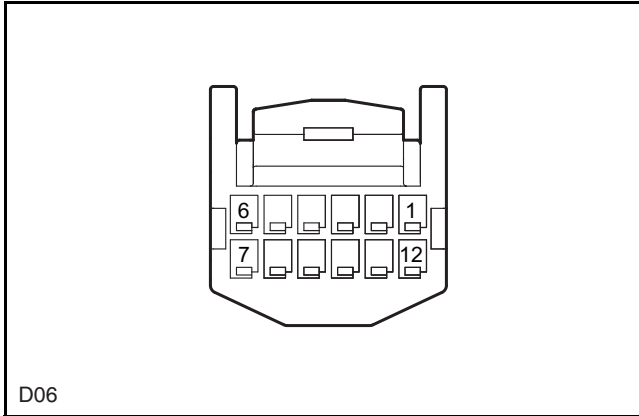
Pin No.	Wire Diameter/Color	Function
1	2.0 RD/BK	Power Supply
2	2.0 BK	Grounding
3	0.5 BK	Grounding
4	0.5 WH/BK	Child Lock Signal
5	-	-
6	-	-
7	0.5 LG/BU	LIN Signal Line
8	0.5 WH/BU	Left Front Door Switch Signal
9	0.5 WH	Right Front Door Switch Signal
10	-	-

Power Rearview Mirror Switch

**D05 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Backlight Power Supply
2	0.5 BN/BK	Left Side Up-Down Adjustment Input
3	0.5 BU	Left Side Left-Right Adjustment Input
4	0.5 RD/BU	Right Side Up-Down Adjustment Input
5 (for Level1 Model)	0.5 LG	Right Side Left-Right Adjustment Input
5 (for Level4 Model)	0.5 GN	Right Side Left-Right Adjustment Input
6	0.5 RD/BK	Adjustment Switch Public Terminal
7	0.5 RD	Power Supply
8	0.5 BK	Grounding
9	0.3 BU/RD	Rearview Mirror Folding Switch Signal
10	-	-

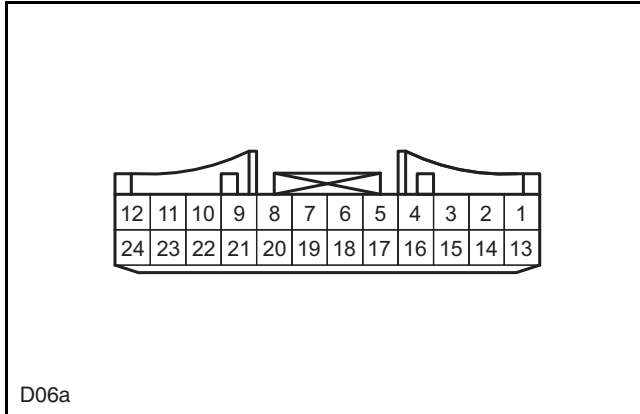
Left Power Rearview Mirror



D06 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/BK	Left Side Up-Down Adjustment Input
2	0.5 BU	Left Side Left-Right Adjustment Input
3	0.5 RD/BK	Adjustment Switch Public Terminal
4	0.5 BK	Grounding
5	0.5 GN/WH	Left Turn Lamp Power Supply Signal
6	0.5 RD/GN	Rearview Mirror Heater Power Supply
7	-	-
8	-	-
9	-	-
10	-	-
11	0.5 BU/YE	Left Power Rearview Mirror Folding Signal
12	0.5 BU/BK	Left Power Rearview Mirror Extending Signal

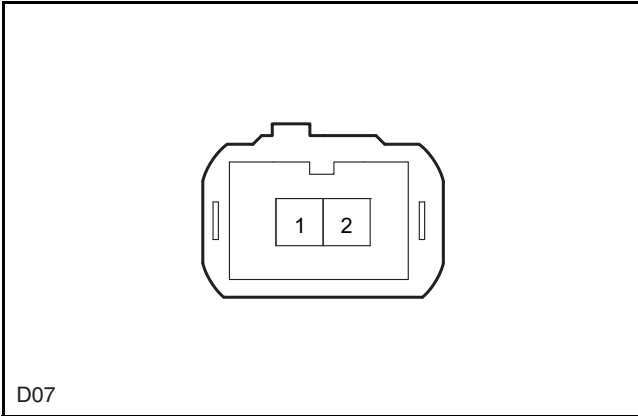
Left Power Rearview Mirror



D06a Wiring Harness Connector Pin Definition

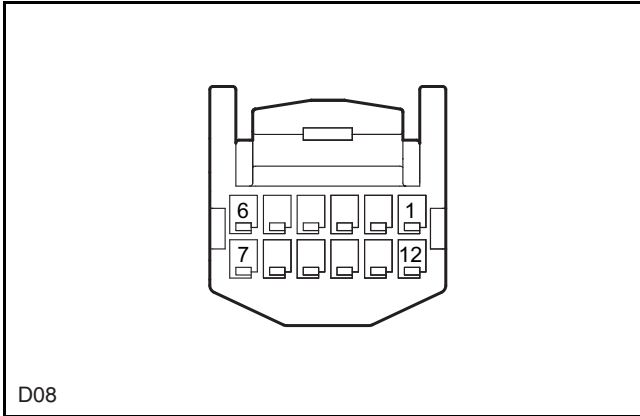
Pin No.	Wire Diameter/Color	Function
1	0.5 BN/BK	Left Side Up-Down Adjustment Input
2	0.5 BU	Left Side Left-Right Adjustment Input
3	0.5 RD/BK	Adjustment Switch Public Terminal
4	0.5 BK	Grounding
5	0.5 GN/WH	Right Turn Lamp Power Supply Signal
6	0.5 RD/GN	Rearview Mirror Heater Power Supply
7	0.5 GN	VIDEO +
8	-	VIDEO -
9	0.5 BK/YE	Camera Power Supply
10	-	-
11	-	-
12	-	-
13	0.5 WH/RD	Camera Grounding
14	0.5 BU/YE	Left Power Rearview Mirror Folding Signal
15	0.5 BU/BK	Left Power Rearview Mirror Extending Signal
16	-	-
17	-	-
18	-	-
19	-	-
20	0.3 GN/RD	Left Blind Spot Lamp Power Supply Signal
21	0.5 BK	Grounding
22	-	-
23	-	-
24	-	-

Left Front Door Low Pitched Horn

**D07 Wiring Harness Connector Pin Definition**

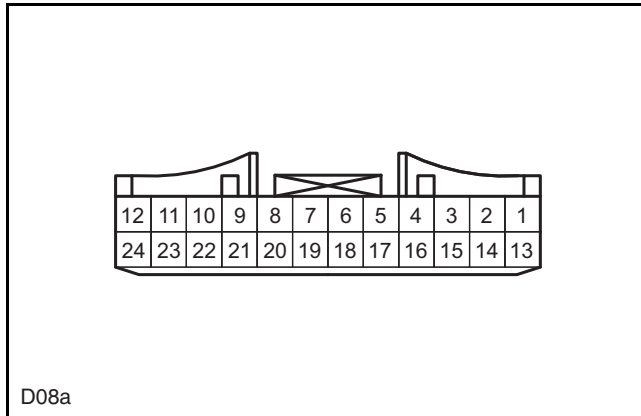
Pin No.	Wire Diameter/Color	Function
1	0.5 YE/BU	Left Front Tweeter FL +
2	0.5 YE/GN	Left Front Tweeter FL -

Right Power Rearview Mirror

**D08 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/BU	Left Side Up-Down Adjustment Input
2	0.5 LG	Left Side Left-Right Adjustment Input
3	0.5 RD/BK	Adjustment Switch Public Terminal
4	0.5 BK	Grounding
5	0.5 GN/BK	Right Turn Lamp Power Supply Signal
6	0.5 RD/GN	Rearview Mirror Heater Power Supply
7	0.5 BU	VIDEO +
8	-	VIDEO -
9	0.5 RD	Camera Power Supply +
10	0.5 BK/WH	Camera Grounding
11	0.5 BU/YE	Right Power Rearview Mirror Folding Signal
12	0.5 BU/BK	Right Power Rearview Mirror Extending Signal

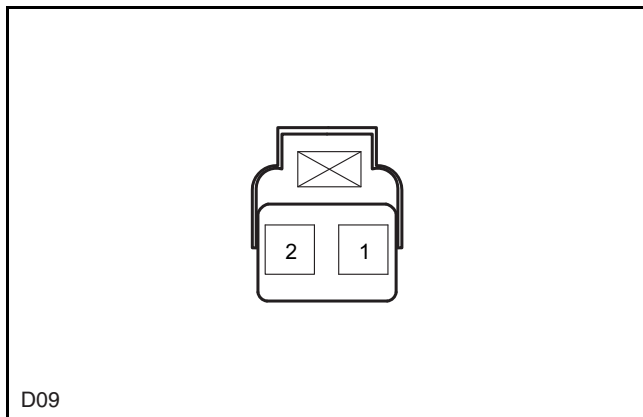
Right Power Rearview Mirror



D08a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/BU	Left Side Up-Down Adjustment Input
2	0.5 LG	Left Side Left-Right Adjustment Input
3	0.5 RD/BK	Adjustment Switch Public Terminal
4	0.5 BK	Grounding
5	0.5 GN/BK	Right Turn Lamp Power Supply Signal
6	0.5 RD/GN	Rearview Mirror Heater Power Supply
7	0.5 GN/RD	VIDEO +
8	-	VIDEO -
9	0.5 RD/WH	Camera Power Supply
10	-	-
11	-	-
12	-	-
13	0.5 BK/WH	Camera Grounding
14	0.5 BU/YE	Right Power Rearview Mirror Folding Signal
15	0.5 BU/BK	Right Power Rearview Mirror Extending Signal
16	-	-
17	-	-
18	-	-
19	-	-
20	0.3 GN/RD	Left Blind Spot Lamp Power Supply Signal
21	0.3 BK	Grounding
22	-	-
23	-	-
24	-	-

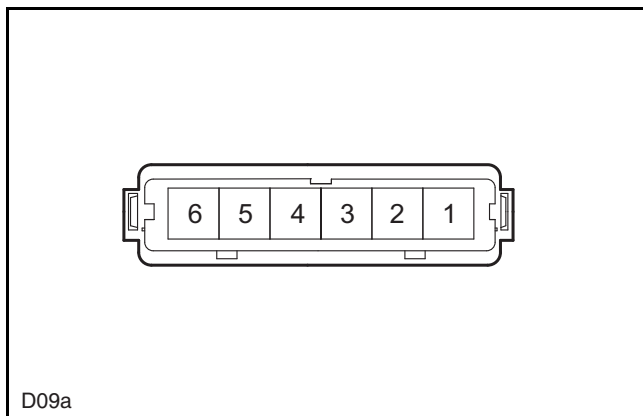
Right Front Glass Regulator Motor



D09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 WH/BU	Right Front Glass Motor Down Signal
2	2.0 WH/BK	Right Front Glass Motor Up Signal

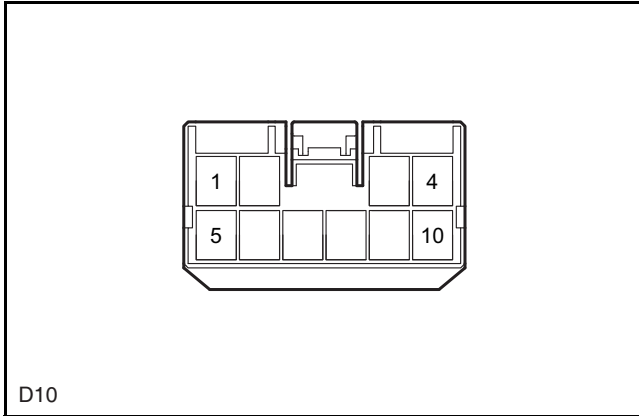
Right Front Glass Regulator Motor



D09a Wiring Harness Connector Pin Definition

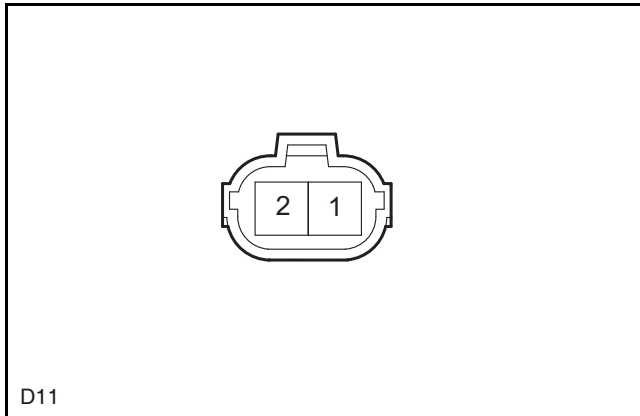
Pin No.	Wire Diameter/Color	Function
1	0.5 GY/BU	Right Front Window Motor Up Signal
2	0.5 YE/WH	Right Front Door Automatic Public Terminal Signal
3	2.0 RD/YE	Power Supply
4	2.0 BK	Grounding
5	0.5 GN/BU	LIN Line
6	0.5 WH/BK	Right Front Window Motor Down Signal

Right Front Door Window Switch

**D10 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Background Lamp Signal
2	0.5 YE/WH	Right Front Door Automatic Public Terminal Signal
3	-	-
4	-	-
5	0.5 WH/BK	Right Front Window Motor Down Signal
6	0.5 GY/BU	Right Front Window Motor Up Signal
7	-	-
8	-	-
9	-	-
10	2.0 BK	Grounding

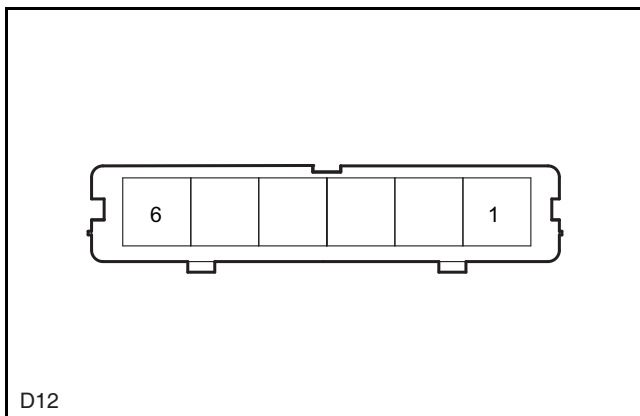
Right Front Door Handle Button



D11 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BU	Front Passenger Side Door Touch Handle +
2	0.3 YE	Front Passenger Side Door Touch Handle -

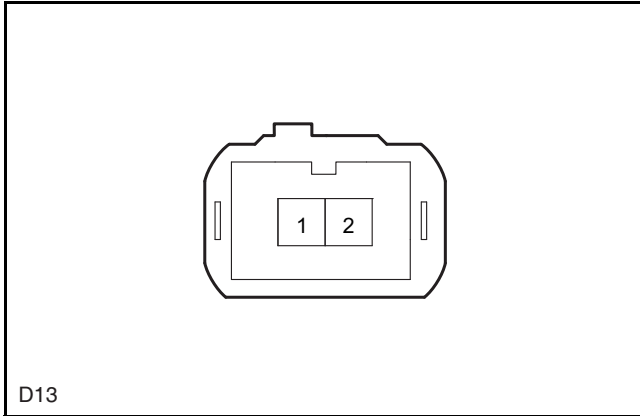
Right Front Door Lock Motor



D12 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/WH	Right Front Door Lock Motor Unlock Signal
2	0.5 YE/BU	Right Front Door Lock Motor Lock Signal
3	0.5 WH	Right Front Door Lock Unlock Switch Signal
4	0.5 BK	Grounding
5	-	-
6	-	-

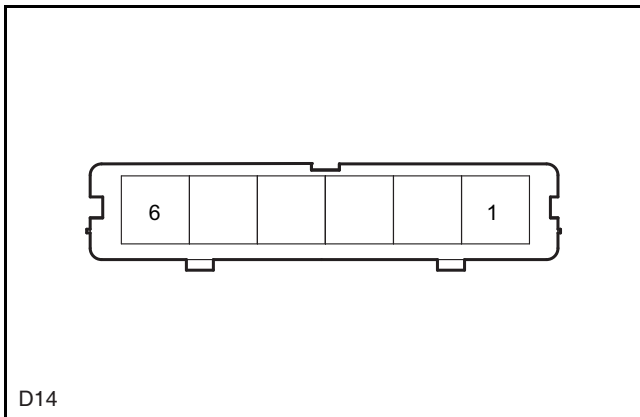
Right Front Door Low Pitched Horn



D13 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH/GN	Right Front Tweeter FR +
2	0.5 WH/BU	Right Front Tweeter FR -

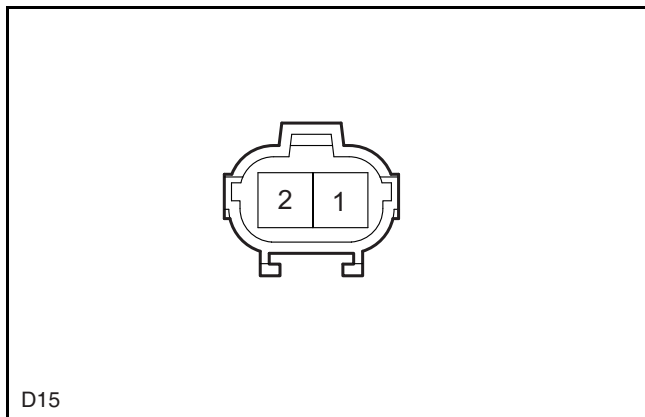
Left Rear Door Lock Motor



D14 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/BU	Left Rear Door Lock Motor Lock
2	0.5 YE/WH	Left Rear Door Lock Motor Unlock
3	-	-
4	-	-
5	-	-
6	-	-

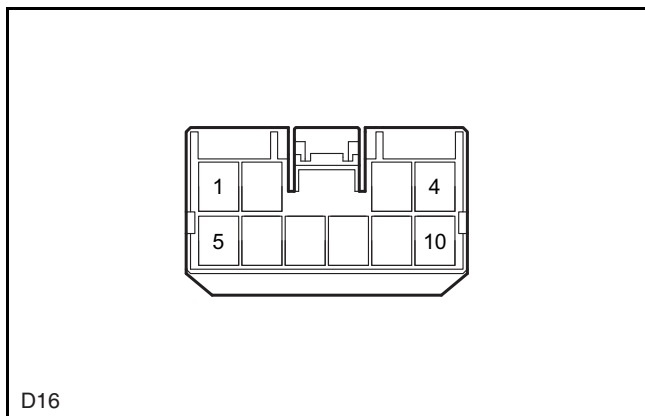
Left Rear Antenna



D15 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 BU/YE	Left Rear Antenna +
2	0.3 BU	Left Rear Antenna -

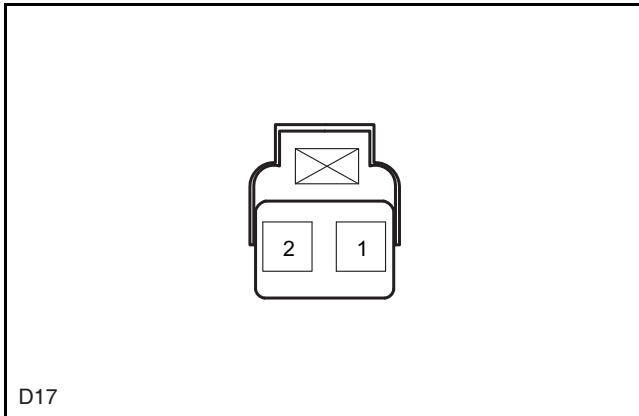
Left Rear Door Window Switch



D16 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK/GN	Left Rear Door Window Switch Down Signal
2	0.5 PK/BK	Left Rear Door Window Switch Up Signal
3	0.5 YE/BK	Child Lock Signal
4	0.5 WH/VT	Window Switch Relay Power Supply
5	2.0 WH/BK	Left Rear Door Window Switch Up Signal
6	-	-
7	2.0 BK	Grounding
8	0.5 BK/YE	Backlight Power Supply
9	2.0 RD/BK	Constant ON
10	2.0 WH/BU	Left Rear Door Window Switch Down Signal

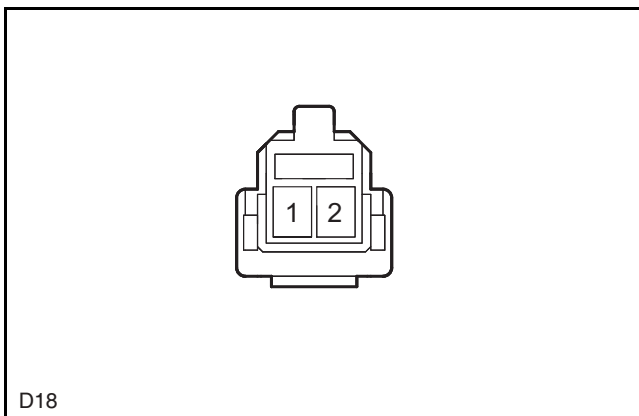
Left Rear Glass Regulator Motor



D17 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 WH/BU	Left Rear Glass Regulator Motor Down Signal
2	2.0 WH/BK	Left Rear Glass Regulator Motor Up Signal

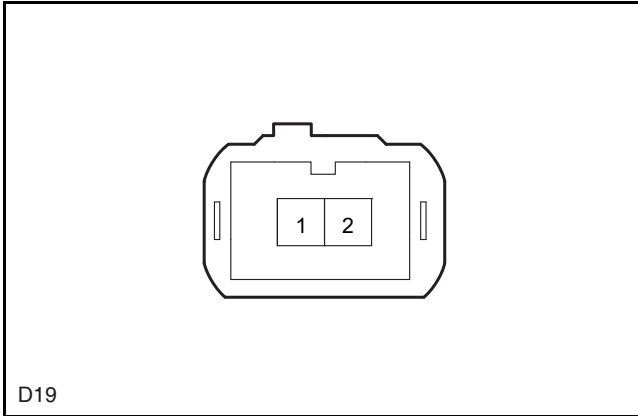
Left Rear Door High Pitched Horn



D18 Wiring Harness Connector Pin Definition

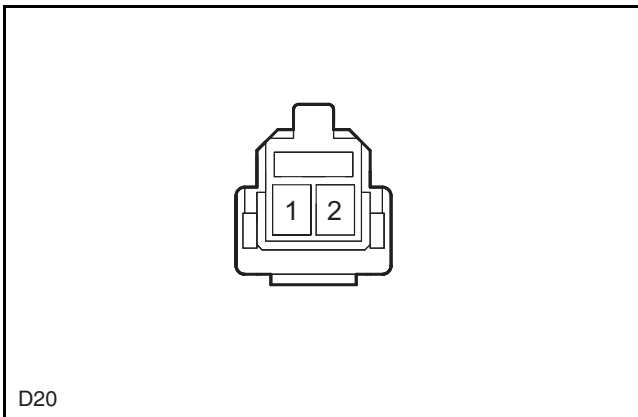
Pin No.	Wire Diameter/Color	Function
1	0.5 BN	Left Rear Door High Pitched Horn RL +
2	0.5 BN/WH	Left Rear Door High Pitched Horn RL -

Left Rear Door Low Pitched Horn

**D19 Wiring Harness Connector Pin Definition**

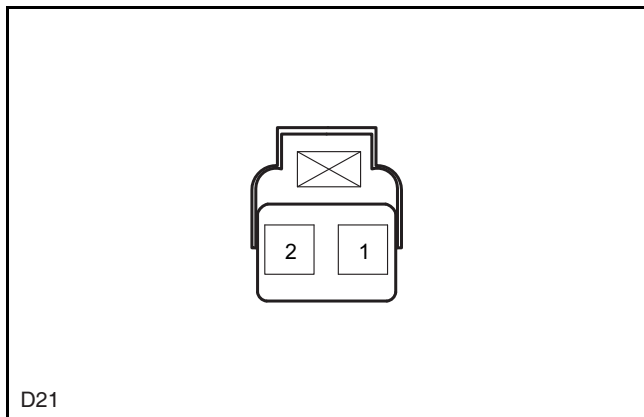
Pin No.	Wire Diameter/Color	Function
1	0.5 BN	Left Rear Door Low Pitched Horn RL +
2	0.5 BN/WH	Left Rear Door Low Pitched Horn RL -

Right Rear Door High Pitched Horn

**D20 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 WH	Right Rear Door High Pitched Horn RL +
2	0.5 WH/BK	Right Rear Door High Pitched Horn RL -

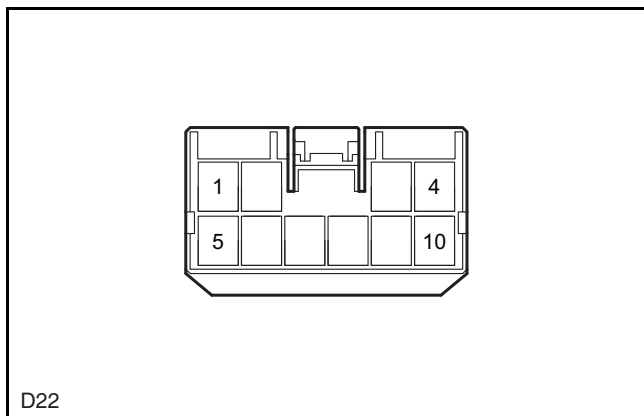
Right Rear Glass Regulator Motor



D21 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 WH/BU	Right Rear Glass Regulator Motor Down Signal
2	2.0 WH/BK	Right Rear Glass Regulator Motor Up Signal

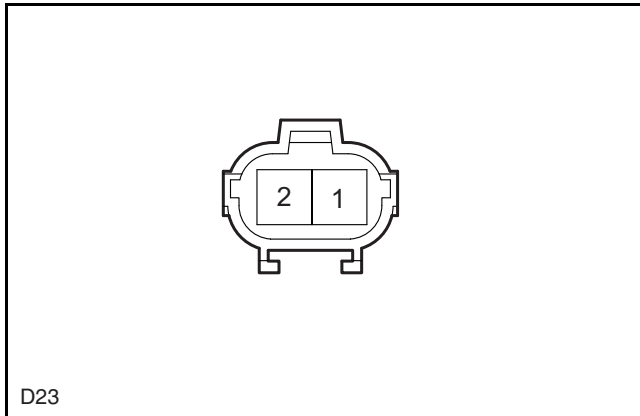
Right Rear Door Window Switch



D22 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/BU	Right Rear Door Window Switch Down Signal
2	0.5 YE	Right Rear Door Window Switch Up Signal
3	0.5 YE/BK	Child Lock Signal
4	0.5 WH/VT	Window Switch Relay Power Supply
5	2.0 WH/BK	Right Rear Door Window Switch Up Signal
6	-	-
7	2.0 BK	Grounding
8	0.5 RD/YE	Backlight Power Supply
9	2.0 RD/YE	30 Constant ON
10	2.0 WH/BU	Right Rear Door Window Switch Down Signal

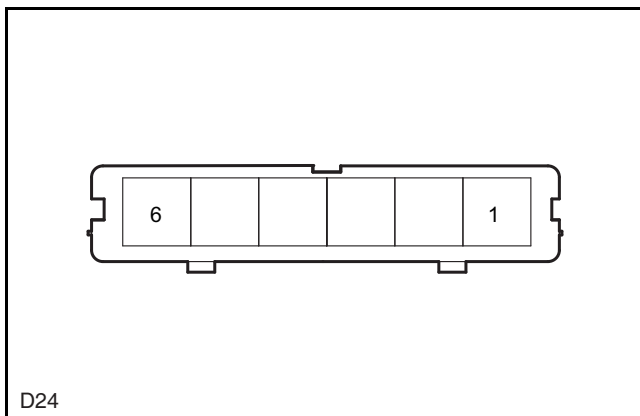
Right Rear Antenna



D23 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 PK/BK	Right Rear Antenna +
2	0.3 PK	Right Rear Antenna -

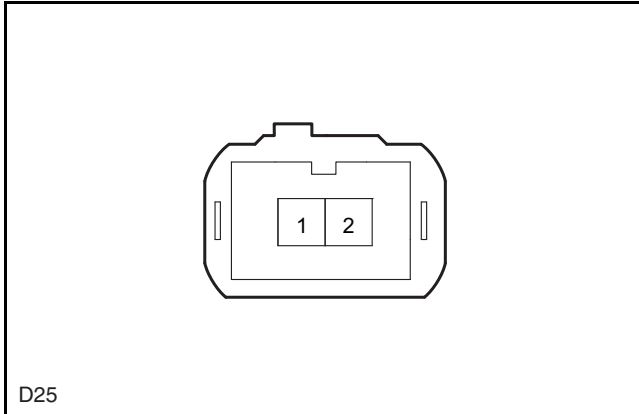
Right Rear Door Lock Motor



D24 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 YE/WH	Right Rear Door Lock Motor Unlock
2	0.5 YE/BU	Right Rear Door Lock Motor Lock
3	-	-
4	-	-
5	-	-
6	-	-

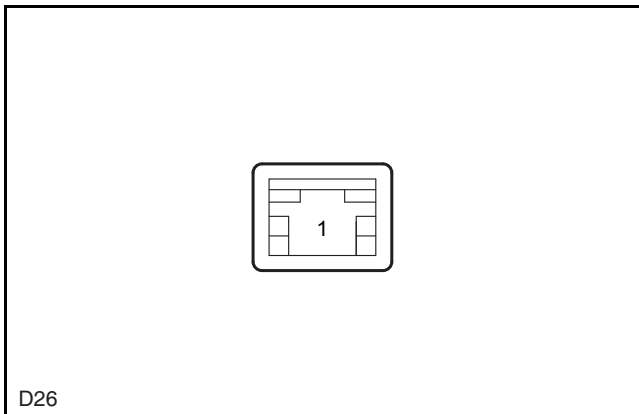
Right Rear Door Low Pitched Horn



D25 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 WH	Right Rear Door Low Pitched Horn +
2	0.5 WH/BK	Right Rear Door Low Pitched Horn -

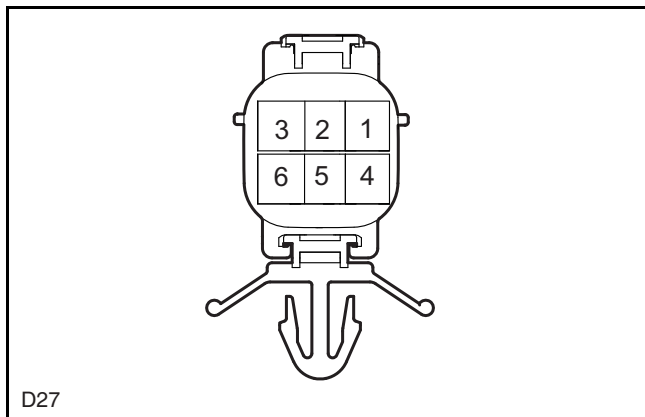
Rear Defroster Positive



D26 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 RD/GN	Power Supply

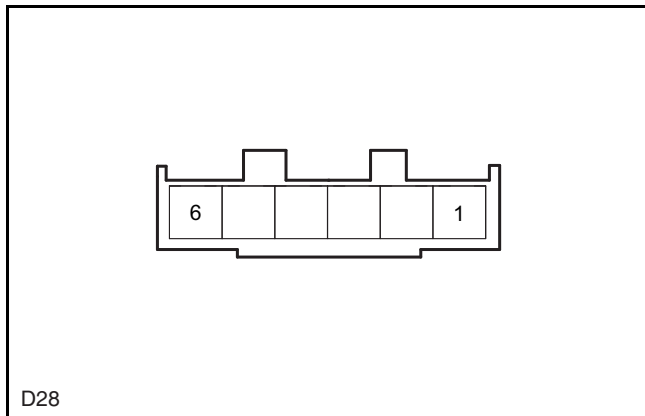
Left Rear Tail Lamp



D27 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 BN/YE	Brake Lamp Power Supply
3	0.5 RD/BU	Position Lamp Power Supply
4	0.5 GN/WH	Left Rear Turn Lamp Signal
5	0.5 OG/BK	Rear Turn Lamp Malfunction Diagnosis Signal
6	-	-

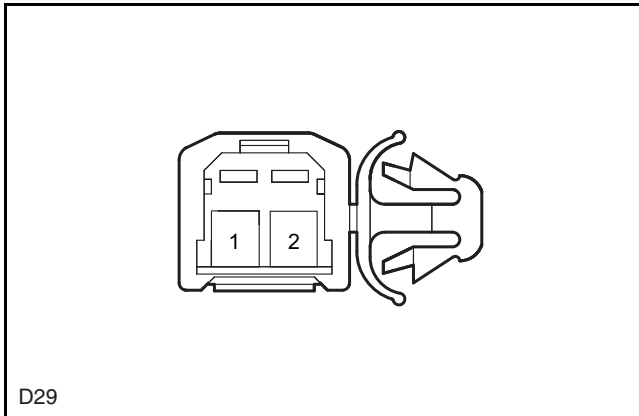
Back Door Lock Motor



D28 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/YE	Back Door Lock Motor Unlock Signal
2	0.5 BK	Back Door Lock Motor Grounding
3	0.3 OG	Back Door Lock Motor Switch Signal
4	0.5 BK	Grounding
5	-	-
6	-	-

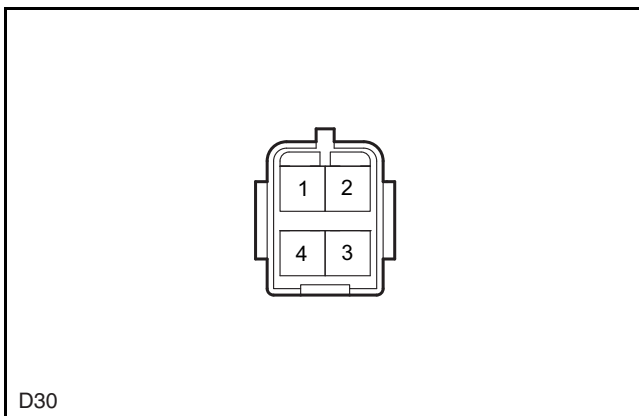
High Mounted Brake Lamp



D29 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BN/YE	Brake Lamp Power Supply
2	0.5 BK	Grounding

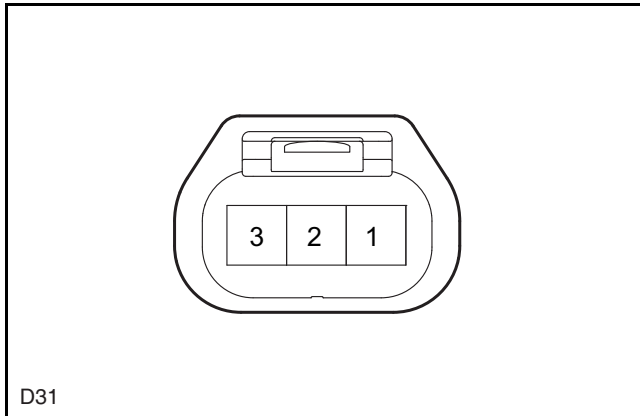
Rear Wiper Motor



D30 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 VT/PK	Rear Wiper Motor Power Supply
2	-	-
3	1.25 VT/RD	Return Signal
4	1.25 BK	Grounding

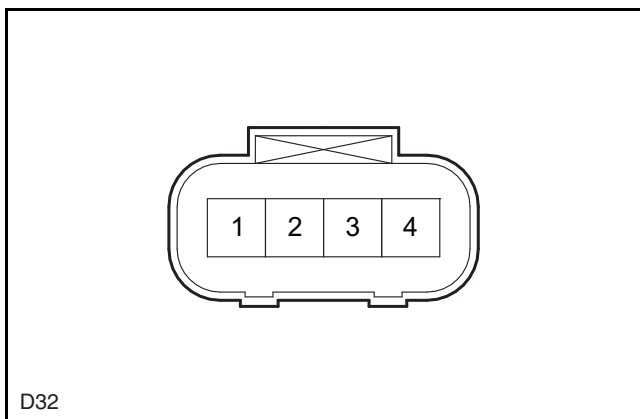
Luggage Compartment Switch



D31 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 PK/GN	Luggage Compartment Switch Signal
2	0.5 RD/BU	License Plate Lamp Power Supply
3	0.5 BK	Grounding

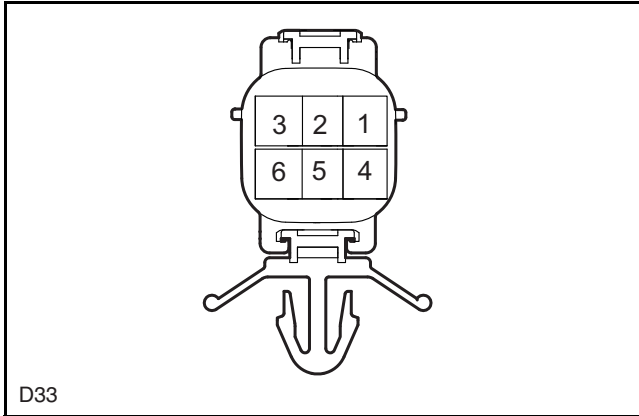
Rear View Camera



D32 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD	Camera Power Supply
2	0.5 WH	Grounding
3	0.5 GN/BU	Rear Camera VIDEO+
4	-	Rear Camera VIDEO-

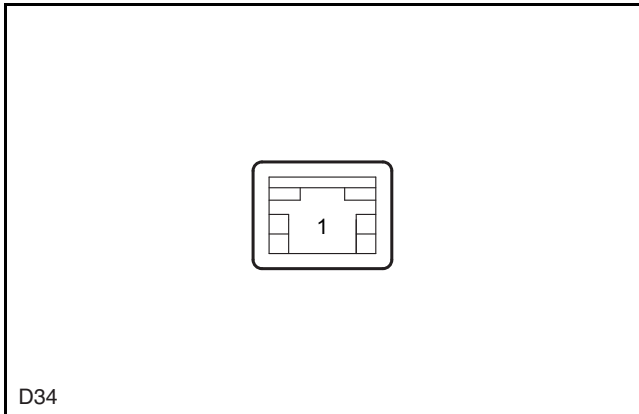
Right Rear Tail Lamp



D33 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Grounding
2	0.5 BN/YE	Brake Lamp Power Supply
3	0.5 RD/BK	Position Lamp Power Supply
4	0.5 GN/BK	Right Rear Turn Lamp Signal
5	0.5 OG/BK	Rear Turn Lamp Malfunction Diagnosis Signal
6	-	-

Rear Defroster Negative

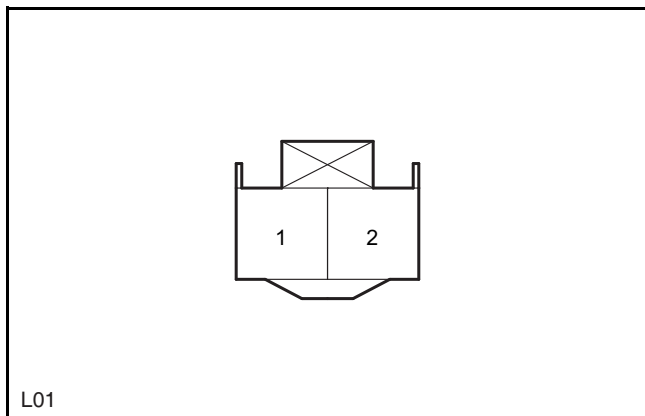


D34 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	2.0 BK	Grounding

Roof Wiring Harness Connector (L--)

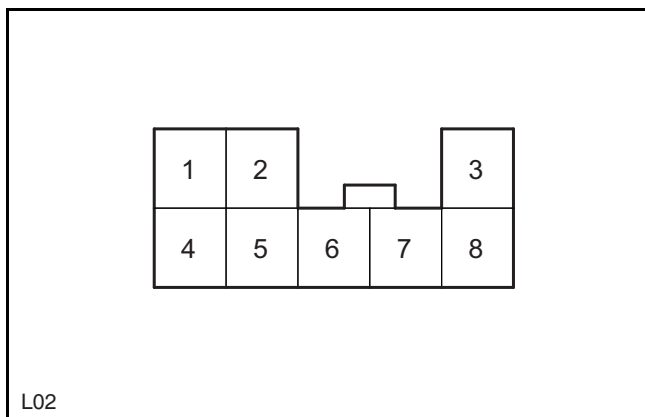
Right Vanity Lamp



L01 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/WH	Right Vanity Lamp Power Supply
2	0.5 BK	Right Vanity Lamp Grounding

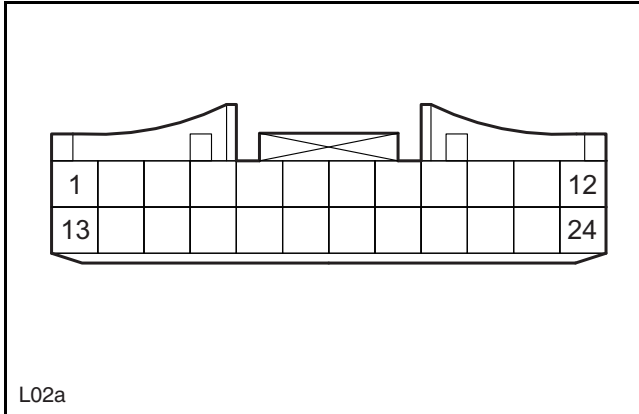
Front Dome Lamp



L02 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BK	Front Dome Lamp Grounding
2	0.5 RD/BN	Front Dome Lamp DR Signal Output
3	-	-
4	0.5 RD/YE	Front Dome Lamp Power Supply
5	-	-
6	-	-
7	-	-
8	-	-

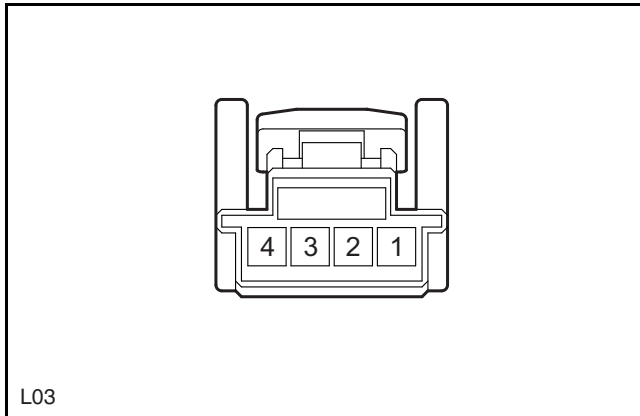
Front Dome Lamp



L02a Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Front Dome Lamp Power Supply
2	0.5 BU	Front Dome Lamp DR Signal Input
3	0.5 RD/YE	Backlight Power Supply
4	-	-
5	-	-
6	-	-
7	-	-
8	0.5 BN	Sunroof Open
9	0.5 WH/BK	Sunroof Closed
10	-	-
11	0.5 BK	Front Dome Lamp Grounding
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	0.5 BK	Grounding
18	0.5 RD/GN	Sunshade Open
19	0.5 BK/GN	Sunshade Closed
20	-	-
21	0.5 RD/BN	Front Dome Lamp DR Signal Output
22	0.5 YE/GN	Atmosphere Lamp Power Supply
23	0.5 BK	Atmosphere Lamp Grounding
24	-	-

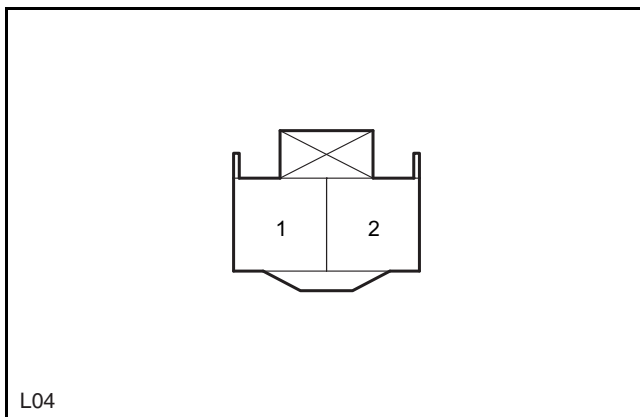
Microphone



L03 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 BU/YE	Microphone -
2	-	-
3	0.5 BU	Microphone +
4	-	-

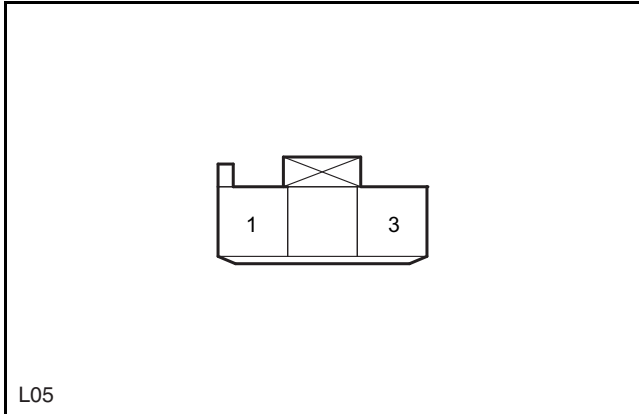
Left Vanity Lamp



L04 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/WH	Left Vanity Lamp Power Supply
2	0.5 BK	Left Vanity Lamp Grounding

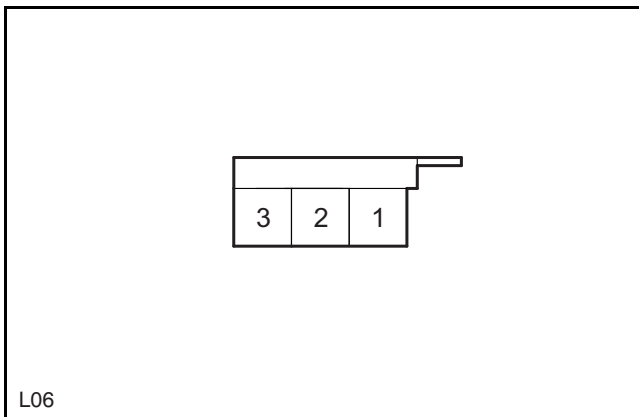
Rear Dome Lamp



L05 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.3 RD/YE	Rear Dome Lamp Power Supply
2	-	-
3	0.3 BK	Rear Dome Lamp Grounding

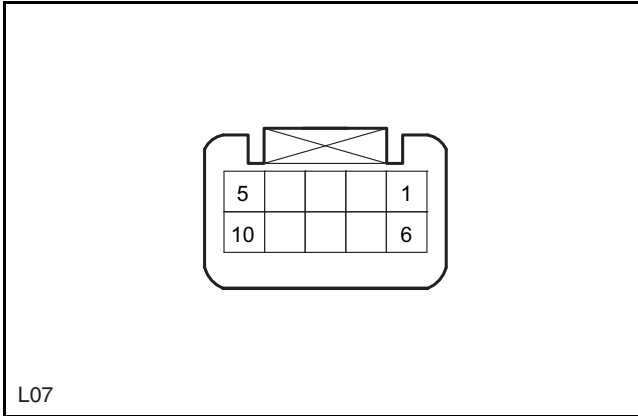
Rain Sensor



L06 Wiring Harness Connector Pin Definition

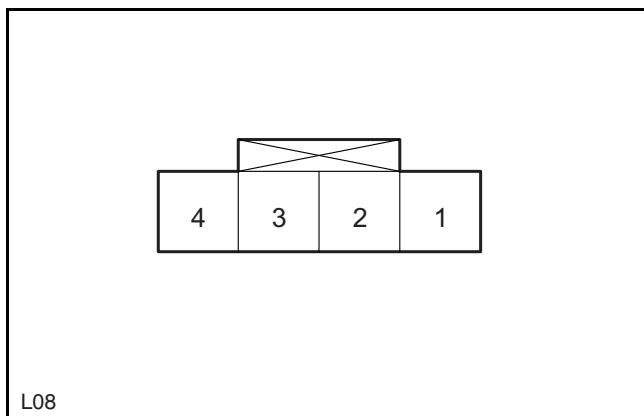
Pin No.	Wire Diameter/Color	Function
1	0.5 BN/RD	Rain Sensor Power Supply
2	0.3 BU/GN	Rain Sensor Grounding
3	0.3 BK	Rain Sensor LIN

Sunroof Controller

**L07 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	2.5 BK	Sunroof Grounding
2	0.5 BN	Sunroof Open
3	0.5 WH/BK	Power OFF
4	-	-
5	2.5 RD	Sunroof Controller Power Supply
6	-	-
7	0.5 RD/GN	Sunshade Open
8	0.5 BK/GN	Sunshade Closed
9	-	-
10	0.5 LG/BU	Sunroof LIN

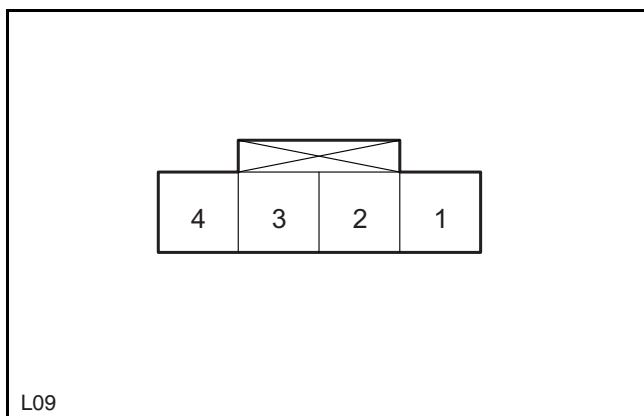
Right Rear Dome Lamp



L08 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Right Rear Dome Lamp Power Supply
2	0.5 BU	Right Rear Dome Lamp DR Signal Output
3	0.5 BK	Right Rear Dome Lamp Grounding
4	-	-

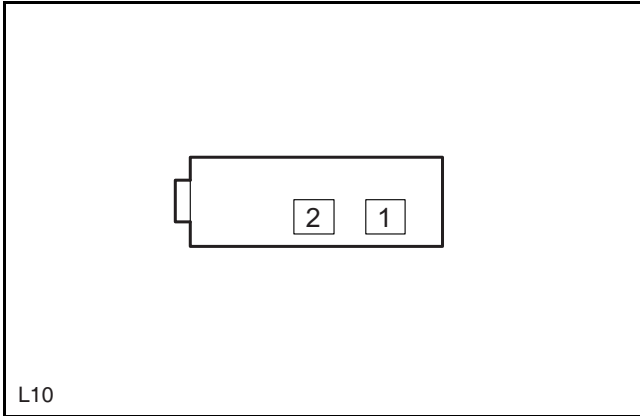
Left Rear Dome Lamp



L09 Wiring Harness Connector Pin Definition

Pin No.	Wire Diameter/Color	Function
1	0.5 RD/YE	Left Rear Dome Lamp Power Supply
2	0.5 BU	Left Rear Dome Lamp DR Signal Output
3	0.5 BK	Left Rear Dome Lamp Grounding
4	-	-

USB

**L10 Wiring Harness Connector Pin Definition**

Pin No.	Wire Diameter/Color	Function
1	0.5 GN/RD	USB Power Supply
2	0.5 BK	USB Grounding

Abbreviation List

Abbreviation	English Full Name	Chinese Name
A/C	Air Conditioning	空调
AAT	Ambient Air Temperature	大气温度
ABS	Anti-lock Brake System	防抱死制动系统
AM/FM	Amplitude Modulation/Frequency Modulation	调幅 / 调频
APP	Accelerator Pedal Position	加速踏板位置
ASR	Acceleration Slip Regulation	加速防滑控制系统
AT	Automatic Transmission	自动变速器
ATF	Automatic Transmission Fluid	自动变速器油
BCM	Body Control Module	车身控制模块
CAN	Controller Area Network	控制器局域网
CD	Compact Disc	CD
CHMSL	Center High Mounted Stop Lamp	中央高位制动灯
CKP	Crankshaft Position Sensor	曲轴位置传感器
CMP	Camshaft Position Sensor	凸轮轴位置传感器
CRK	Crank	曲轴
DDM	Driver Door Module	驾驶员门控模块
DLC	Data Link Connector	诊断接口
DOHC	Double Overhead Camshaft	双顶置凸轮轴
DTC	Diagnostic Trouble Code	故障代码
DVD	Digital Video Disk	DVD
EBD	Electric Brakeforce Distribution	电子制动力分配
ECM	Engine Control Module	发动机控制模块
ECT	Engine Coolant Temperature	发动机冷却液温度
EGR	Exhaust-Gas Recirculation	废气再循环
EOBD	European On Board Diagnostic	欧洲车载诊断系统
ESP	Electronic Stability Program	电子稳定程序
ETC	Electronic Throttle Control	电子节气门控制
EVAP	Evaporative Emission Control System	燃油蒸发排放系统
FWD	Front Wheel Drive	前轮驱动
GPS	Global Positioning System	全球定位系统
GVM	Gross Vehicle Mass	车辆总重量
HCU	Hydraulic Control Unit	液压控制单元
HFM	Hands Free Module	免提电话模块
HID	High Intensity Discharge	高强度放电

Abbreviation	English Full Name	Chinese Name
HO2S	Heated Oxygen Sensor	氧传感器
HVAC	Heating, Ventilation and Air Conditioning	暖风、通风和空调总成
I/P	Instrument Panel	仪表板
IAC	Idle Air Control Valve	怠速空气控制阀
IAT	Intake Air Temperature	进气温度
ICU	Integrated Control Unit	集成控制单元
IPC	Instrument Panel Cluster	组合仪表
ISO	International Standards Organization	国际标准化组织
ISS	Input Shaft Speed	输入轴转速传感器
KS	Knock Sensor	爆震传感器
LED	Light Emitting Diode	发光二极管
LF	Left Front	左前
LIN	Local Interconnect Network	局部互连网络
LR	Left Rear	左后
MAF	Mass Air Flow	质量空气流量
MAP	Manifold Absolute Pressure	进气歧管绝对压力
MIL	Malfunction Indicator Lamp	故障指示灯
MP3	MPEG Audio Layer 3	MP3
MT	Manual Transmission	手动变速器
MTC	Manual Temperature Control	手动温度控制
MY	Model Year	车型年款
OBD-II	On Board Diagnostic II	第二代车载诊断系统
OEM	Original Equipment Manufacturer	原始设备制造商
PAM	Parking Aid Module	停车辅助模块
PCV	Positive Crankcase Ventilation	曲轴箱强制通风
PDC	Power Distribution Center	配电中心
PDM	Passenger Door Module	乘客门控模块
PIN	Personal Identification Number	个人身份号码
PWM	Pulse Width Modulation	脉宽调制
RF	Right Front	右前
RR	Right Rear	右后
SAE	Society of Automotive Engineers	美国汽车工程师学会
SAS	Steering Angle Sensor	转向角度传感器
SCCM	Steering Column Control Module	转向管柱控制模块
SDM	Supplemental Diagnostic Module	安全气囊控制模块
SFI	Sequential Fuel Injection	顺序燃油喷射

Abbreviation	English Full Name	Chinese Name
SOHC	Single Overhead Camshaft	单顶置凸轮轴
SRI	Service Reminder Indicator	维修提示指示灯
SRS	Supplemental Restraint System	安全气囊系统
TCC	Torque Converter Clutch	变矩器离合器
TCM	Transmission Control Module	变速器控制模块
TIR	Total Indicator Reading	百分表总读数
TPMS	Tire Pressure Monitoring System	轮胎压力监控系统
TPS	Throttle Position Switch	节气门位置开关传感器
TRS	Transmission Range Sensor	变速器档位传感器
TSB	Technical Service Bulletin	技术服务公报
TWC	Three-way Catalyst	三元催化转换剂
VFD	Vacuum Fluorescent Display	真空荧光显示器
VIN	Vehicle Identification Number	车辆识别码
VSS	Vehicle Speed Sensor	车速传感器
WSS	Wheel Speed Sensor	轮速传感器

 **CAUTION:** For abbreviations not in this list, please refer to the CS75 Service Manual.

