

WIRE HARNESS

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WIRE HARNESS INFORMATION

General Information

Description

Wire harness information contains basic introduction of circuit diagrams, inspection methods of cables and connectors, as well as layout of connector positions and wire harness positions, etc.

Circuit Diagram Information

Circuit diagrams are classified into each chapter in Service Manual. If a component appears in a specific system, its related information (such as wire harness, connector, terminal, etc.) will appear in the circuit diagram and be introduced in detail. For example, the information of Engine Control Module (ECM) is mainly introduced in chapter 6. If the component wire harnesses involve other systems, the component information will also appear in corresponding systems.

Chery automobile offers related circuit diagram information of vehicle electrical equipment to help technicians determine and detect the vehicle malfunction effectively.

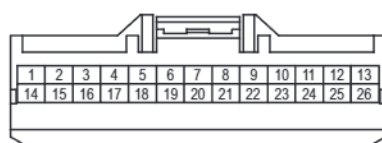
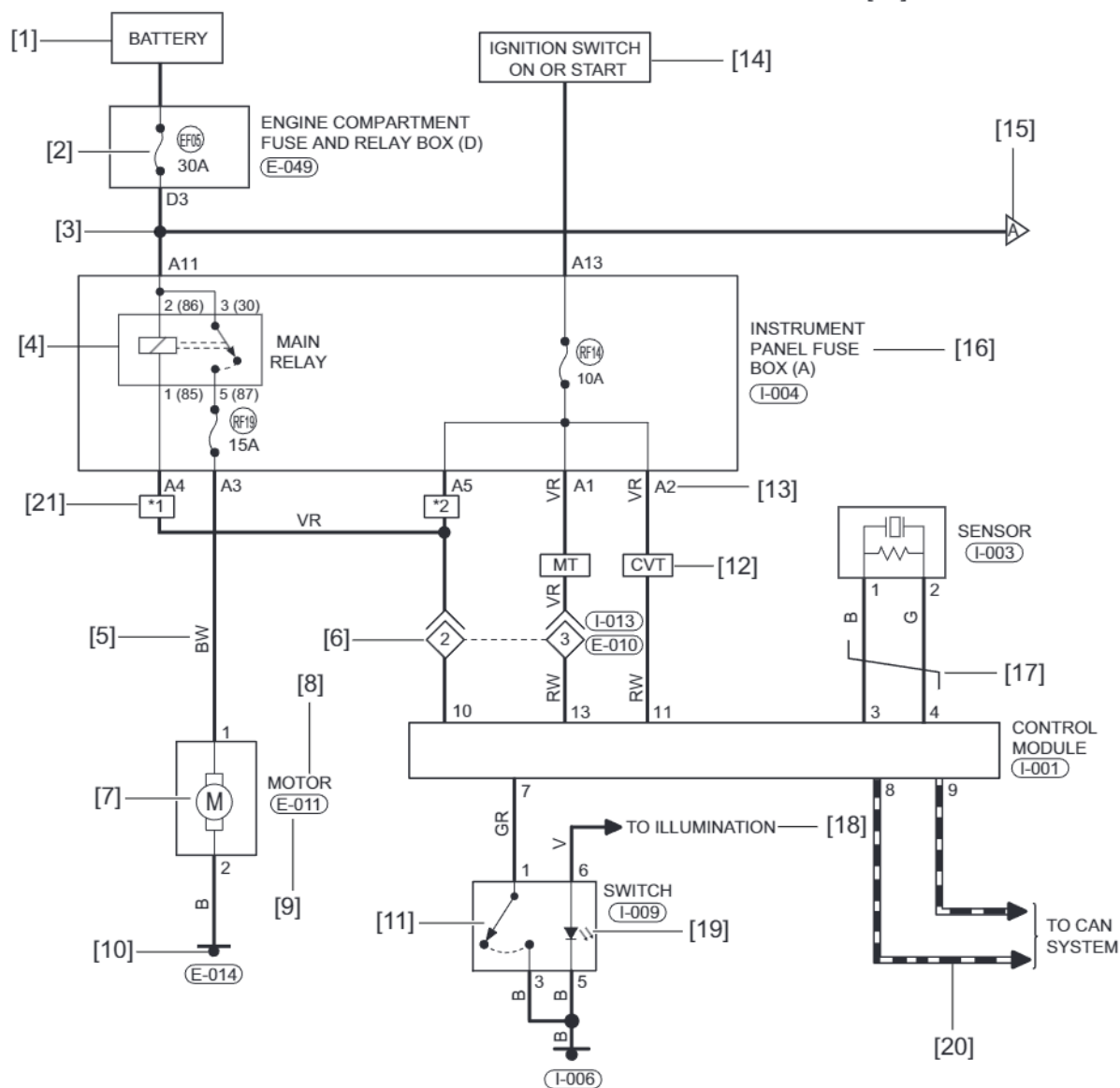
Functions and features of circuit diagram:

- Power supply circuit is on the top of the page, while ground circuit is at the bottom.
- Components (such as switches and fuses) are displayed on the circuit diagram in the form of simple icon.

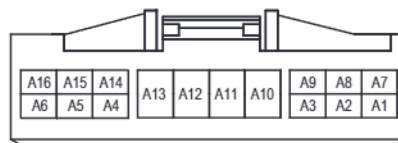
Circuit Diagram Instruction

EXAMPLE

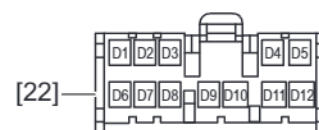
*1: W/ PEPS
 [21]——*2: W/O PEPS



I-001
W



I-004
W



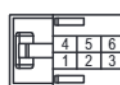
E-049
W



I-013
W



E-011
Gr



I-009
W



I-003
W

EM16530000

The following is a list of the symbols defined in the circuit diagram.

No.	Definition	Description
[1]	Battery	It indicates the power supply from battery positive to electrical equipment.
[2]	Fuse	This symbol indicates a fuse; "EF05" indicates the fuse number; "30A" indicates the rated amperage of this fuse.
[3]	Splice Point	The solid circle indicates that each intersecting wire is interconnected.
[4]	Relay	This symbol indicates a relay; "MAIN RELAY" indicates the relay name; "1", "2", "3" and "5", or "85", "86", "87" and "30" indicate the terminal numbers of relay.
[5]	Color	It indicates the color of this wire. The color codes are as follows: B = Black; W = White; R = Red; G = Green; L = Blue; Y = Yellow; Br = Brown; O = Orange; Gr = Gray; P = Pink; V = Violet; Lg = Light Green. For example: "BrR" indicates that the main color is brown in wire color, and the second color is red.
[6]	Connector	It indicates junction connectors. "Λ" is female connector, and "I-013" is applicable number; "◇" is male connector, and "E-010" is applicable number. The number "2" and "3" inside male connector indicates terminal number. "----" indicates different terminals come from the same junction connectors.
[7]	Motor	This symbol indicates a motor.
[8]	Component Name	It indicates the name of component.

No.	Definition	Description
[9]	Connector Code	"E-011" indicates the connector code of this component, and the letter "E" indicates the wire harness code in which the connector is located. The connector codes are as follows: E = Engine Wire Harness; Q = Front Bumper Wire Harness; I = Instrument Panel Wire Harness; B = Body Wire Harness; F = Front Left Door Wire Harness; H = Front Right Door Wire Harness; L = Rear Left Door Wire Harness; R = Rear Right Door Wire Harness; T = Trunk Wire Harness; C = Roof Wire Harness; J = Rear Bumper Wire Harness; K = A/C Wire Harness; A = Airbag Wire Harness; P = Battery Positive Wire Harness; N = Battery Negative Wire Harness; G = Ground Wire Harness.
[10]	Ground Point	It indicates ground connection.
[11]	Switch	This symbol indicates a switch.
[12]	Vehicle Model	"CVT" indicates it is for CVT model; "MT" indicates it is for MT model.
[13]	Terminal No.	It indicates the terminal number in the connector of this component.
[14]	Ignition Switch	It indicates the power supply from ignition switch to electrical equipment.
[15]	Connected to ...	It indicates that the wire harness is connected to the circuit diagram on next page. The letter "A" is connected with "A" in the circuit diagram on next page.
[16]	Fuse and Relay Box Name	It indicates the name of fuse and relay box.
[17]	Twisted-pair	It indicates that the two wires are twisted.
[18]	Backlight Power Supply	It indicates the illumination power supply output from backlight adjustment switch.
[19]	LED	It is used for indicators, warning lights or illuminations in switches or instrument cluster.
[20]	CAN	It indicates CAN wire in the electrical schematics. It is connected to CAN system.
[21]	Optional Equipment	"*1" indicates it is for vehicles with PEPS; "*2" indicates it is for vehicles without PEPS.
[22]	Connector View	It indicates the cross section of connector and description of terminal number.
[23]	Connector Color	The letter "W" indicates the color of connector. The color codes are the same as above.

Electrical Troubleshooting

Wire Harness Troubleshooting

The following 6 steps help to troubleshoot the wire harness. Be sure to check non-original components added to vehicle before performing any diagnosis. If the vehicle is equipped with these components, disconnect them to verify these added components are not the cause of problem.

Perform following steps when troubleshooting wire harness:

1. Verify problem.
2. Look for any related symptom (by inspecting components in the same circuit).
3. Analyze symptom (use the wire harness diagram to determine the layout of the circuit, the area where problems most likely occur and the area where diagnosis will continue).
4. Isolate problem area.
5. Repair problem area.
6. Check for proper operation (in this step, check all items in the repaired circuit for proper operation).

Voltage Test

1. Ground the negative probe (black) of voltmeter.
2. Connect the positive probe (red) of voltmeter to the selected measuring point (turn ignition switch on as necessary). Check voltage value displayed on the voltmeter.

Circuit Continuity Test

1. Turn off all electrical equipment and the ignition switch, and disconnect the negative battery cable.
2. Remove the circuit to be tested.
3. Connect two probes of ohmmeter to two ends of the circuit to be tested respectively, and check for circuit continuity (low resistance means there is good continuity in the circuit).

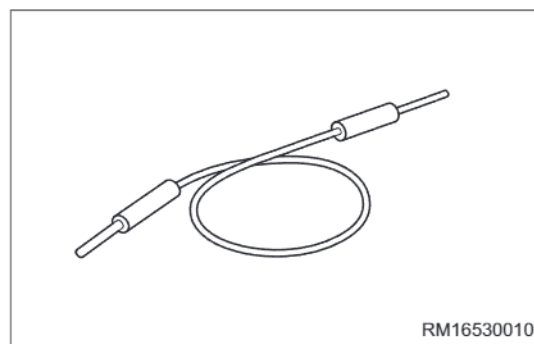
Short Circuit Test

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

Electrical Troubleshooting Tools

1. Jumper Wire

Jumper wire is used to create a temporary circuit. Connect the jumper wire between terminals of a circuit to bypass a switch.

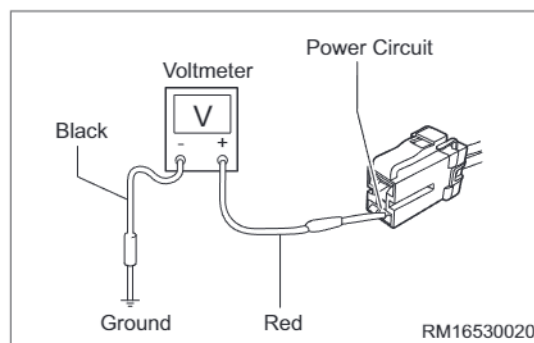


CAUTION

- DO NOT connect a jumper wire from power supply end to body ground, as this may damage wire harnesses or electrical components.

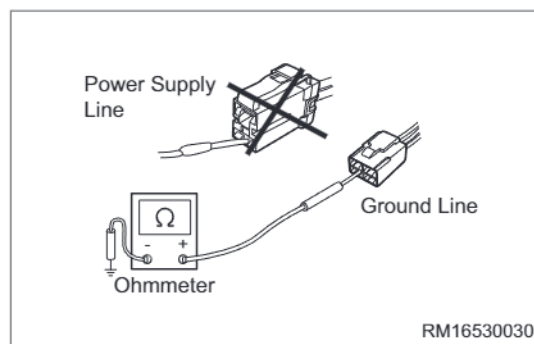
2. Voltmeter

Voltmeter is used to measure circuit voltage. The measurement range should be higher than 15 V. Measure voltage by connecting the positive probe (red) of voltmeter to the positive lead of the test component and the negative probe (black) to the negative lead or body ground.



3. Ohmmeter

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



CAUTION

- DO NOT connect ohmmeter to a circuit when applying voltage to the circuit, as this may result in inaccurate measured data or even damaging the ohmmeter.

Electrical Repair

Wire Harness Repair

CAUTION

- Measure the length of lead to be repaired and select a proper substitute lead before servicing.
- If there are several leads to be repaired, please stagger the repaired parts.

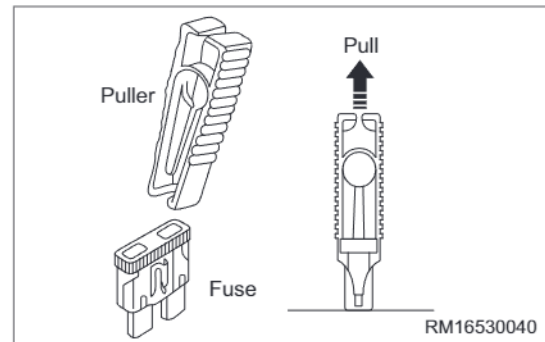
1. Peel off 0.5 inch insulating layer from the lead to be repaired and the substitute lead.
2. Connect the original lead to the substitute lead with the heat shrink tube and compress the metal core of heat shrink tube with a tool, so that the original lead and the substitute lead can be connected firmly.
3. Heat the heat shrink tube to shrink the outer rubber layer and ensure that the sealing of repaired area is in good condition.
4. Wrap the repaired lead with insulating tape.

Fuse Replacement

CAUTION

- Energizing test should be performed after replacing the fuse. If the fuse is blown again, check the corresponding circuit for short. If any electrical equipment or additional device which exceeds the rated current is installed, replace it with a fuse with higher amperes.

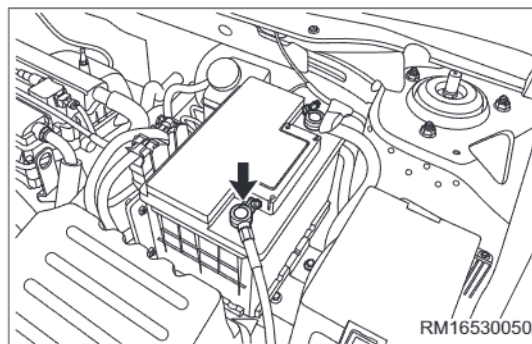
1. Turn off all electrical equipment and the ignition switch before servicing.
2. Remove the blown fuse with a fuse puller.
3. Replace the fuse with a new one which has the same specification.



Electrical Components

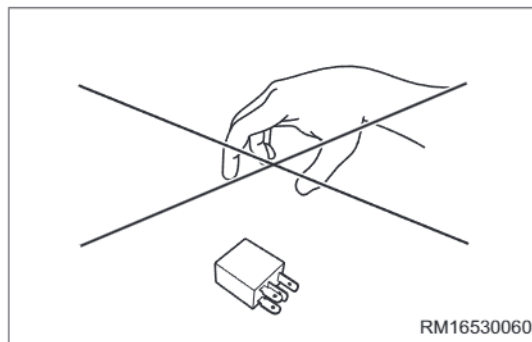
1. Battery Cable

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



2. Sensor, Switch and Relay

Do not drop or tap the sensor, switch or relay to avoid damaging components during servicing.



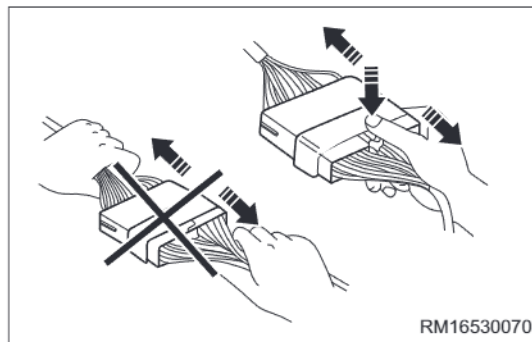
CAUTION

- Use the relay of the same specification with the original one during replacement.

3. Connector

a. Disconnect the connector.

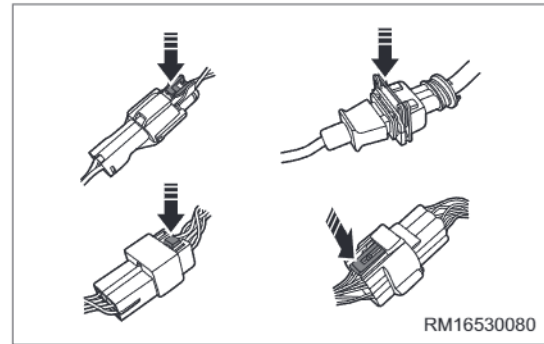
To pull apart connectors, pull on the connector itself and press the connector clip to disconnect it.



CAUTION

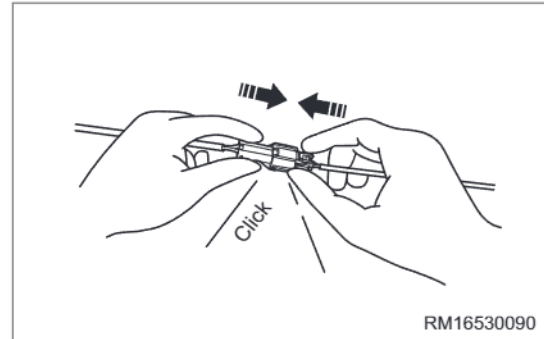
- DO NOT pull the wire harness forcibly to avoid damaging components when disconnecting connectors.

There are a variety of ways to fix connector clips, and common disconnection methods are shown in the illustration.



b. Install the connector.

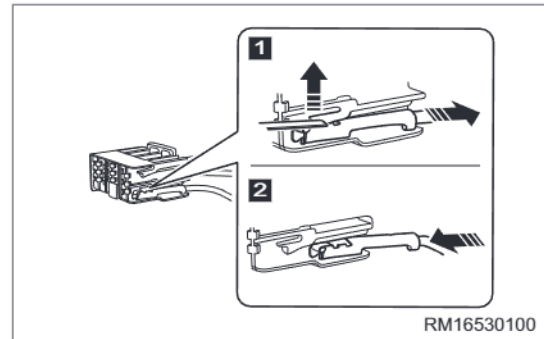
A "click" sound can be heard when a connector is installed in place.



c. Replace the connector terminal.

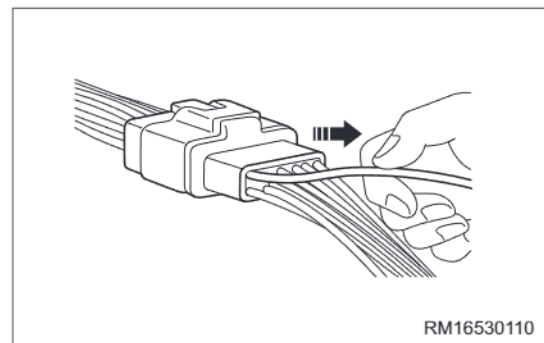
As shown in the illustration (1), insert a suitable tool into the terminal to lift up the fixing clip, and then pull out the terminal from behind.

During installation, push the terminal from the back of the connector to ensure that the fixing clip is installed in place as shown in the illustration (2).



d. Check the connector terminal.

Pull a single terminal wire gently to check if it is installed in place.



VEHICLE POWER DISTRIBUTION

General Information

Description

Power distribution system provides secure, reliable and efficient power for all electrical equipment on the vehicle.

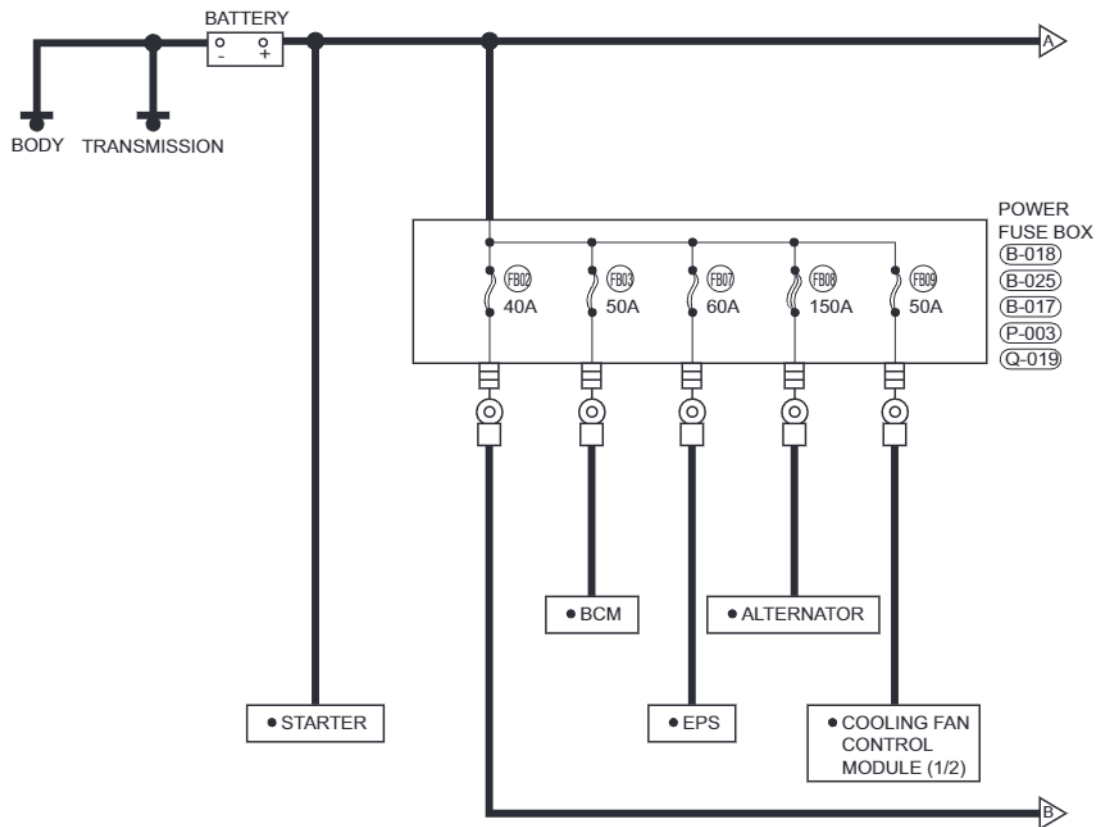
Power distribution system consists of the following components:

- Battery
- Engine compartment fuse and relay box
- Instrument panel fuse box
- Trunk fuse and relay box
- Ignition switch
- Fuse
- Relay

Circuit Diagram

Power Distribution

Circuit Diagram (Page 1 of 15)



(B-018)



(B-025)



(B-017)

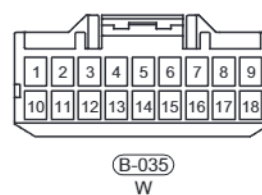


(P-003)

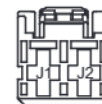
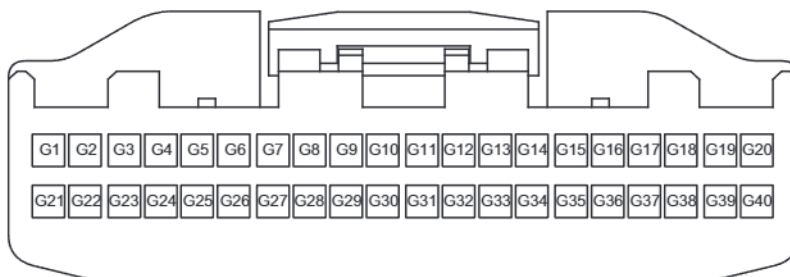
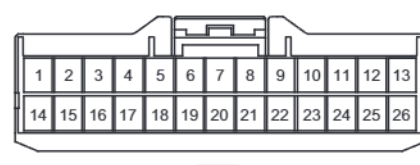
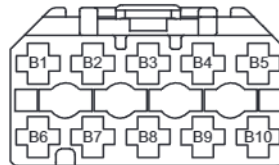
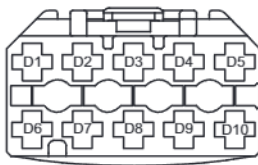
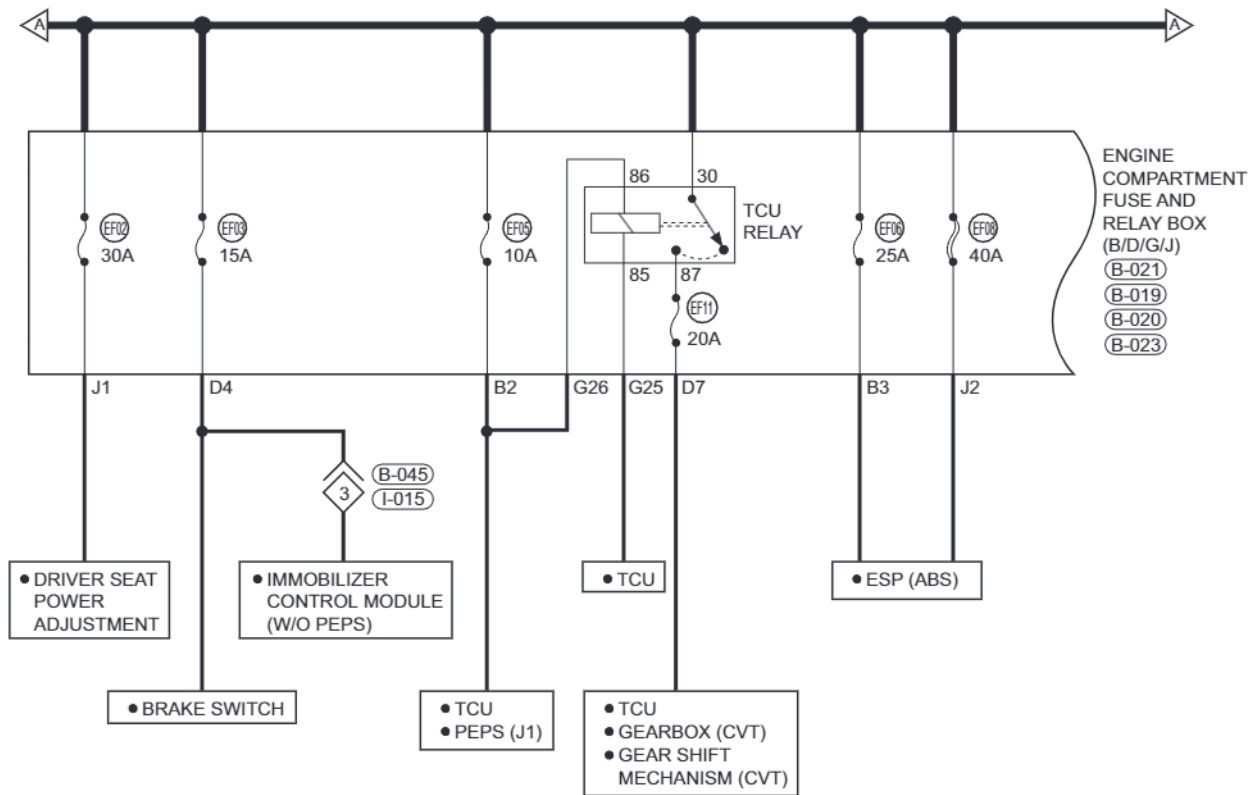


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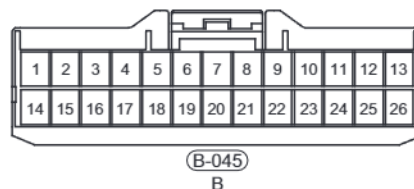
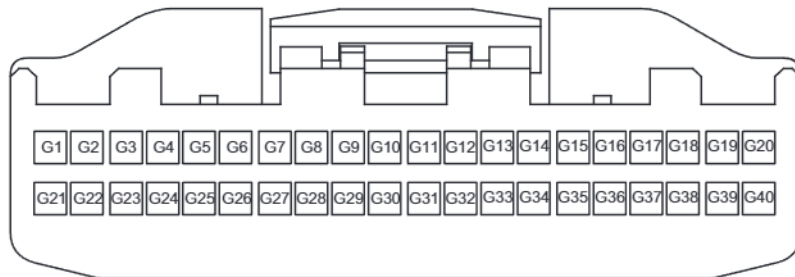
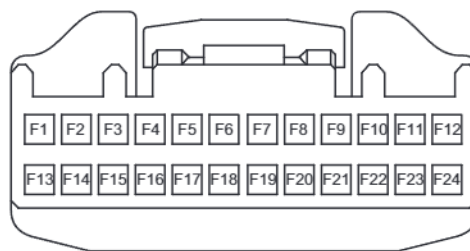
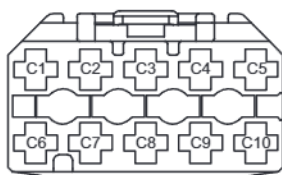
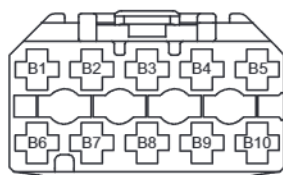
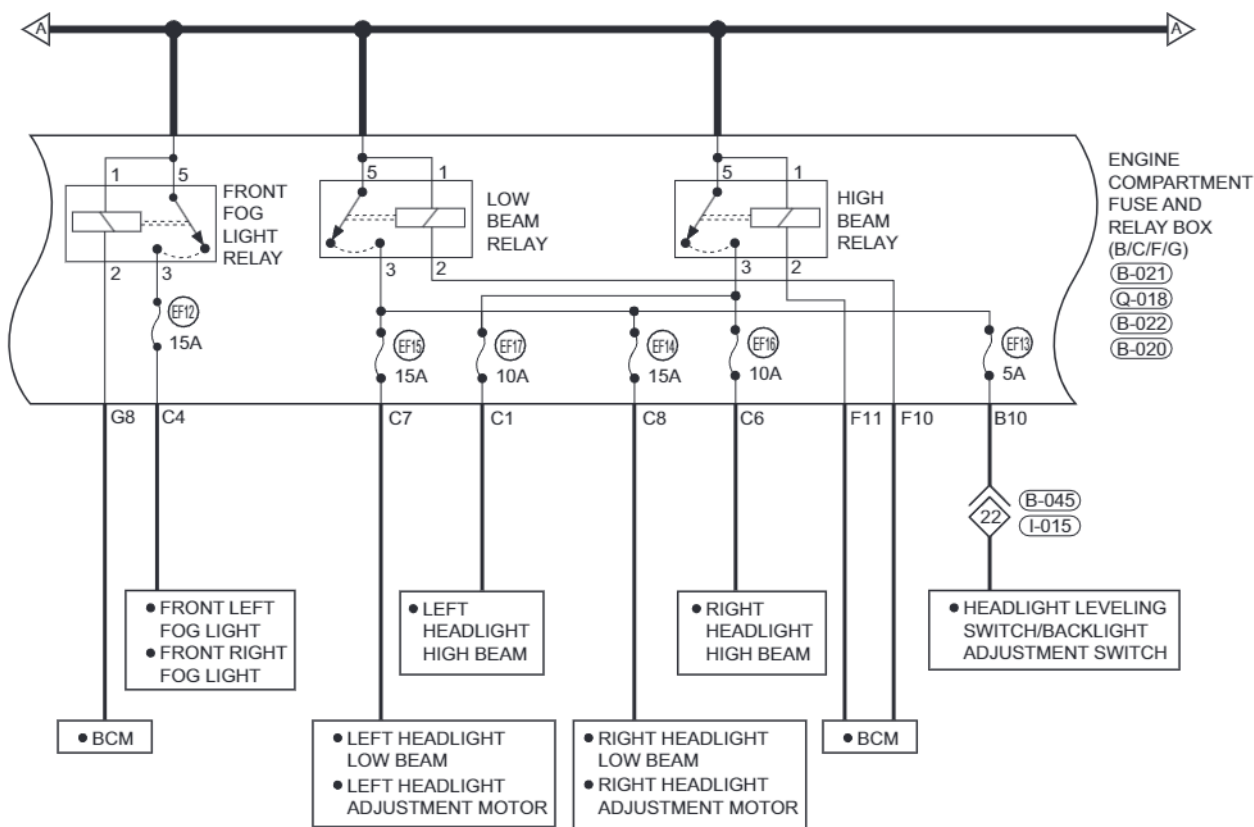


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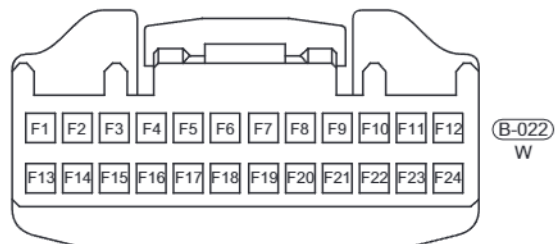
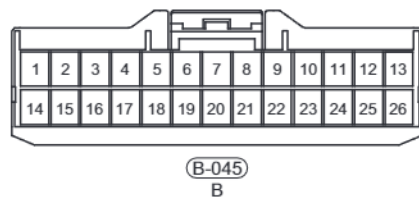
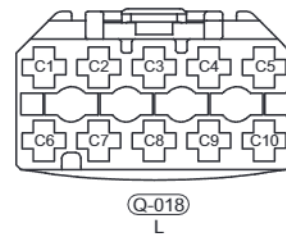
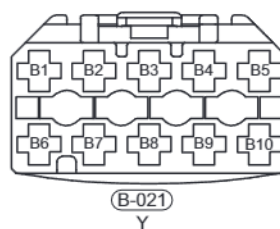
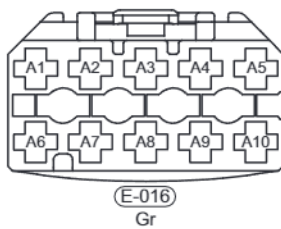
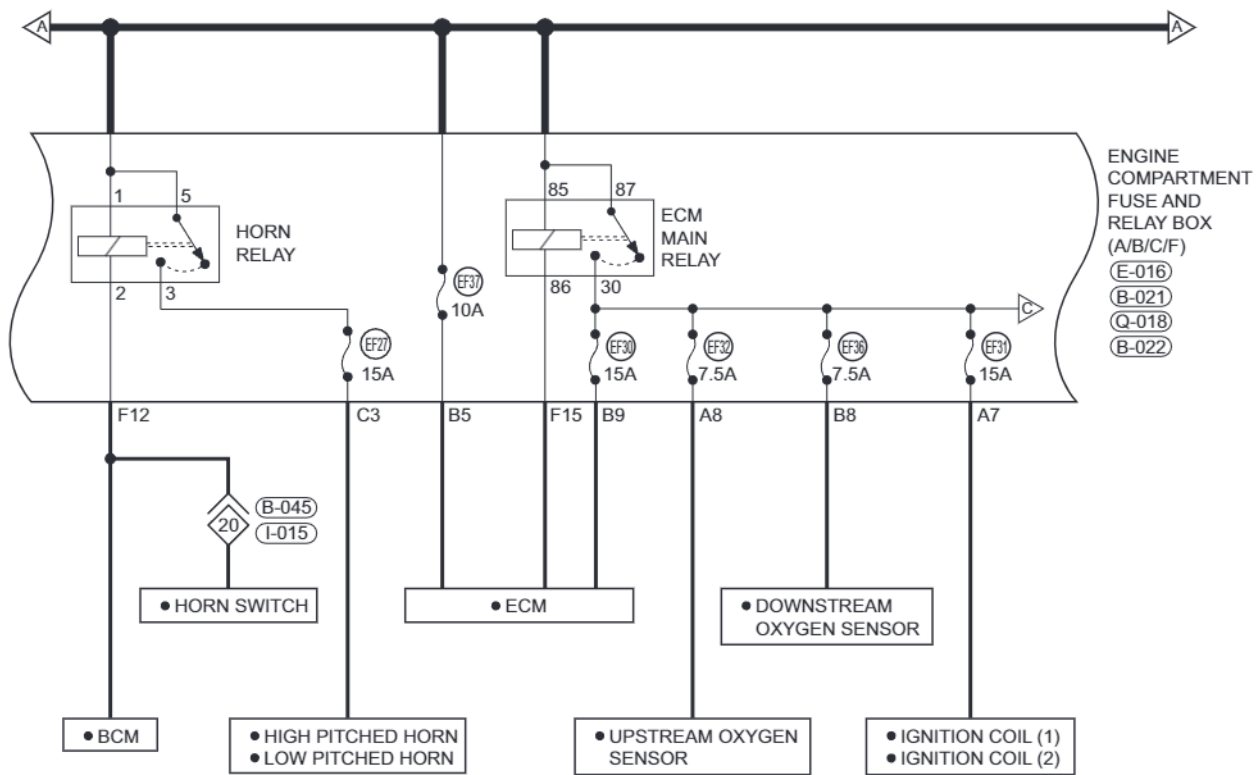


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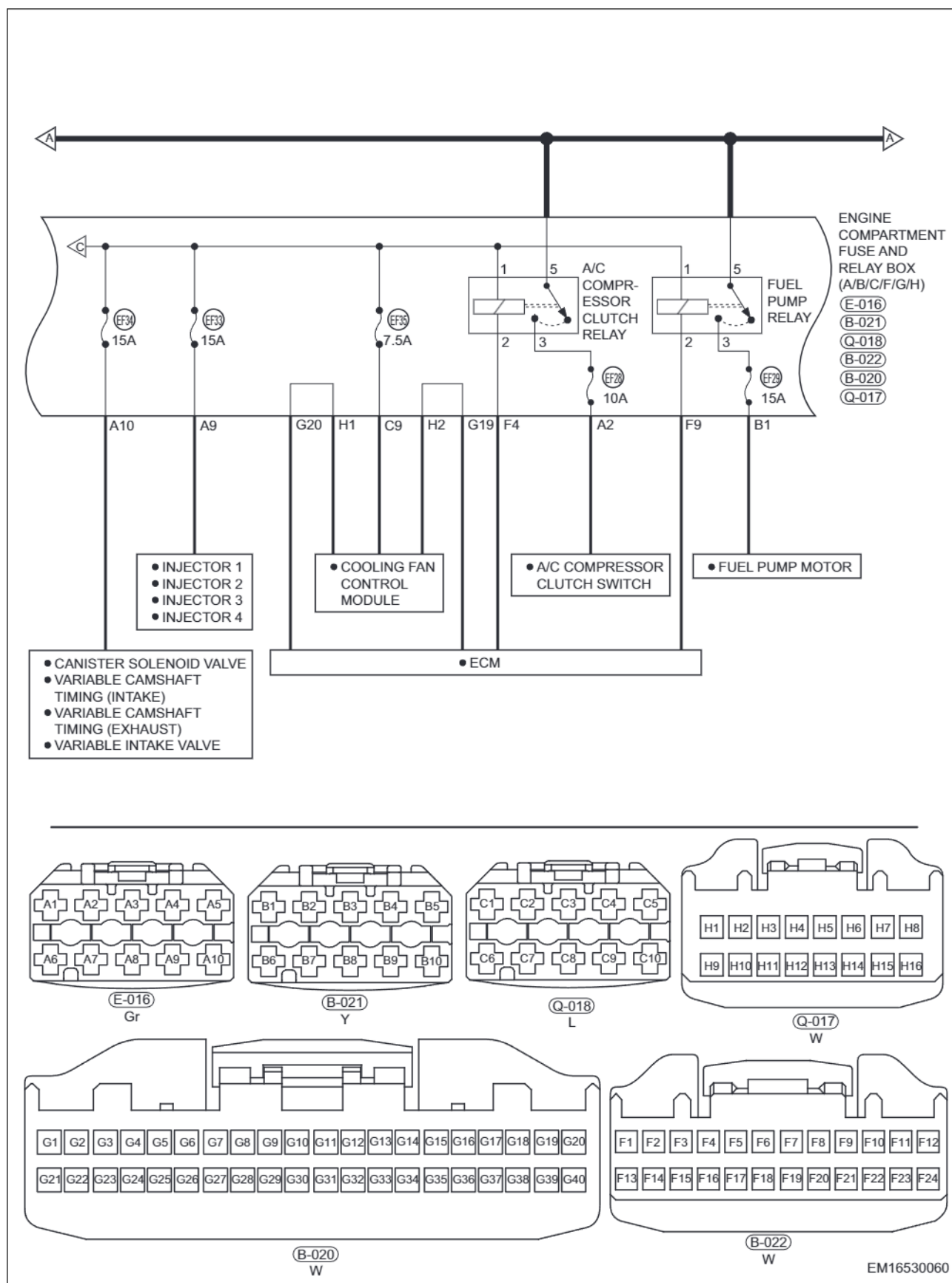


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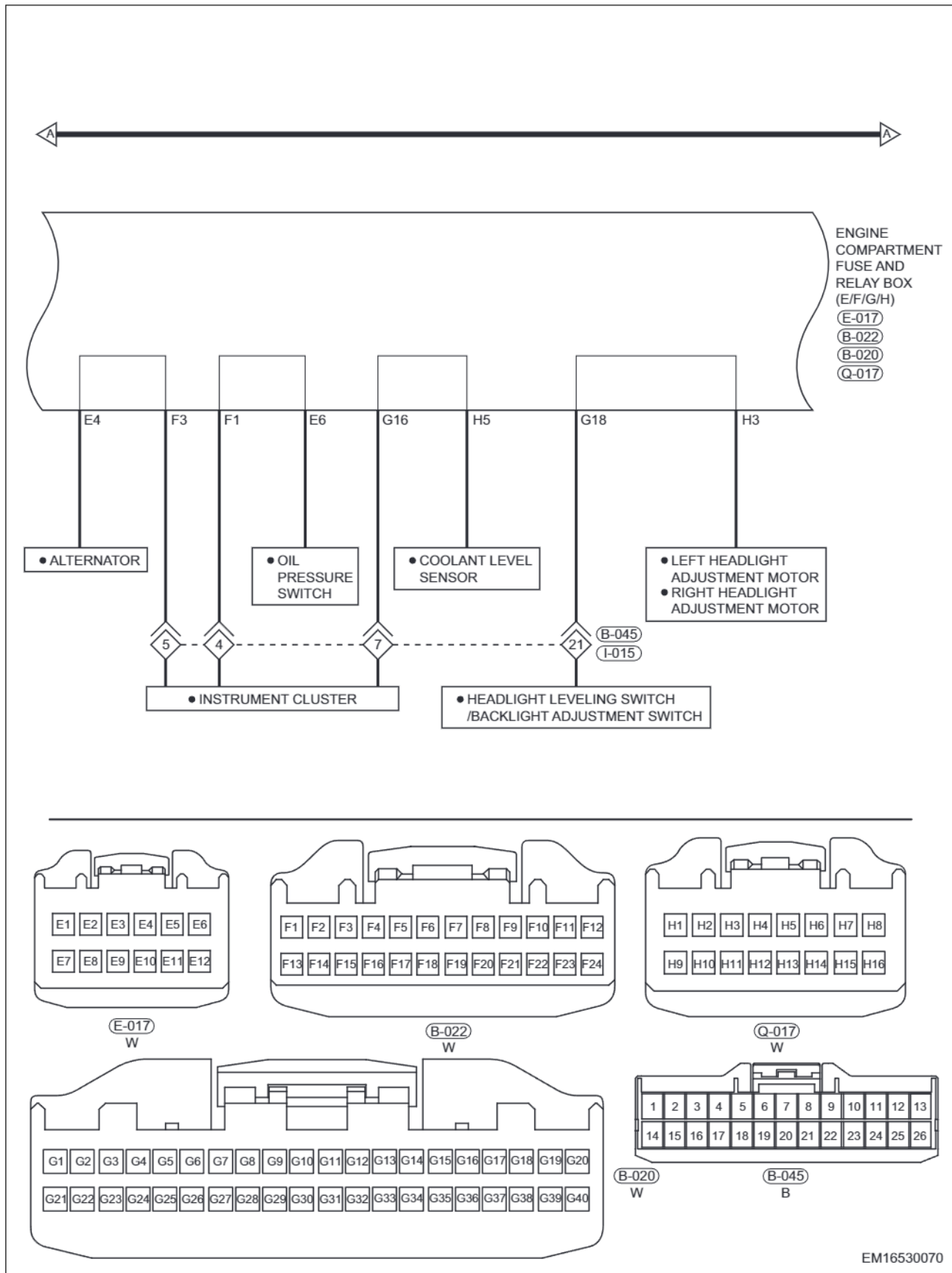


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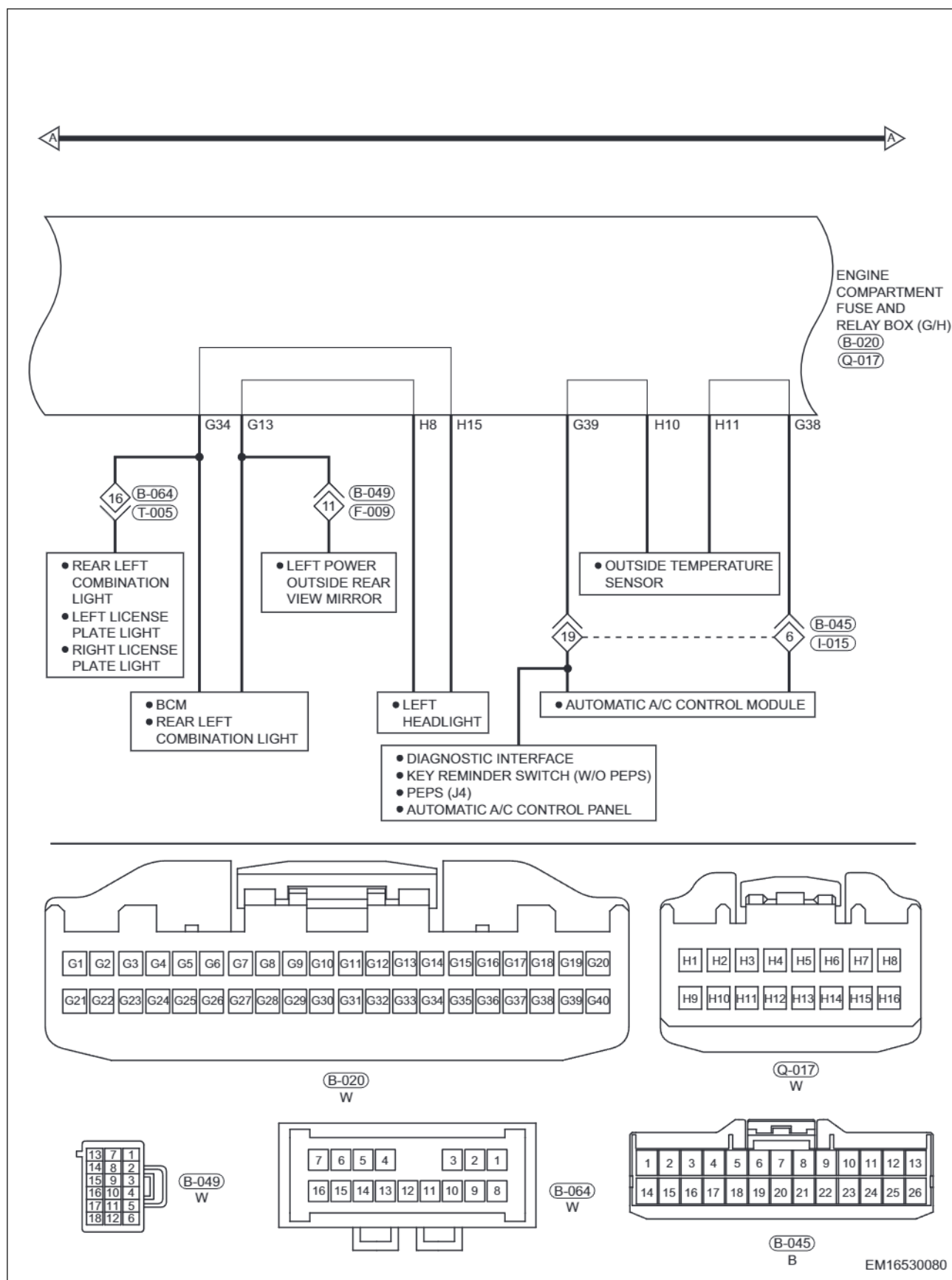
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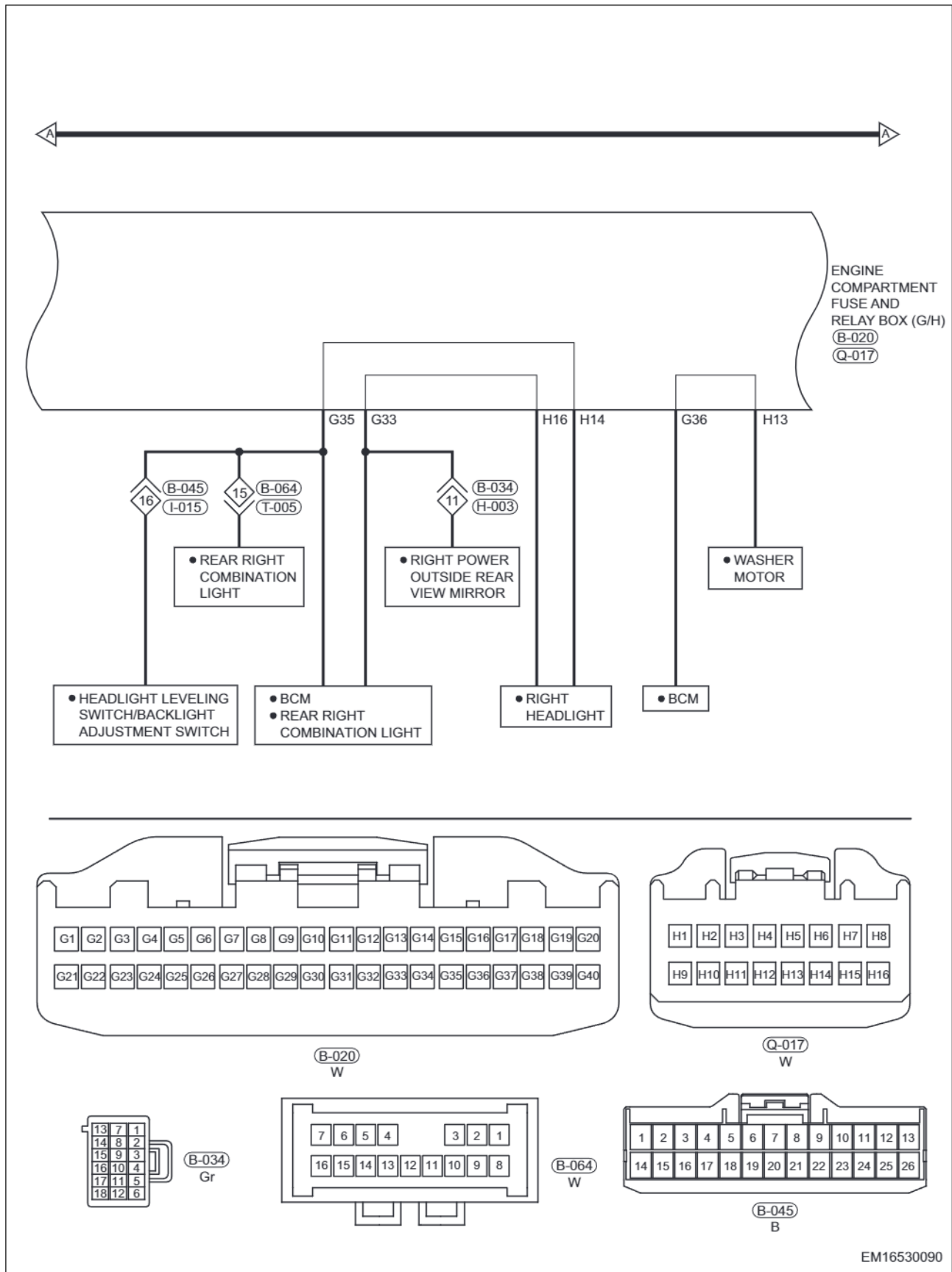
Circuit Diagram (Page 7 of 15)



Circuit Diagram (Page 8 of 15)

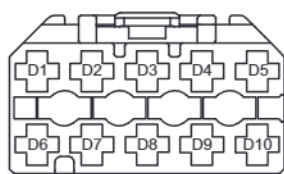
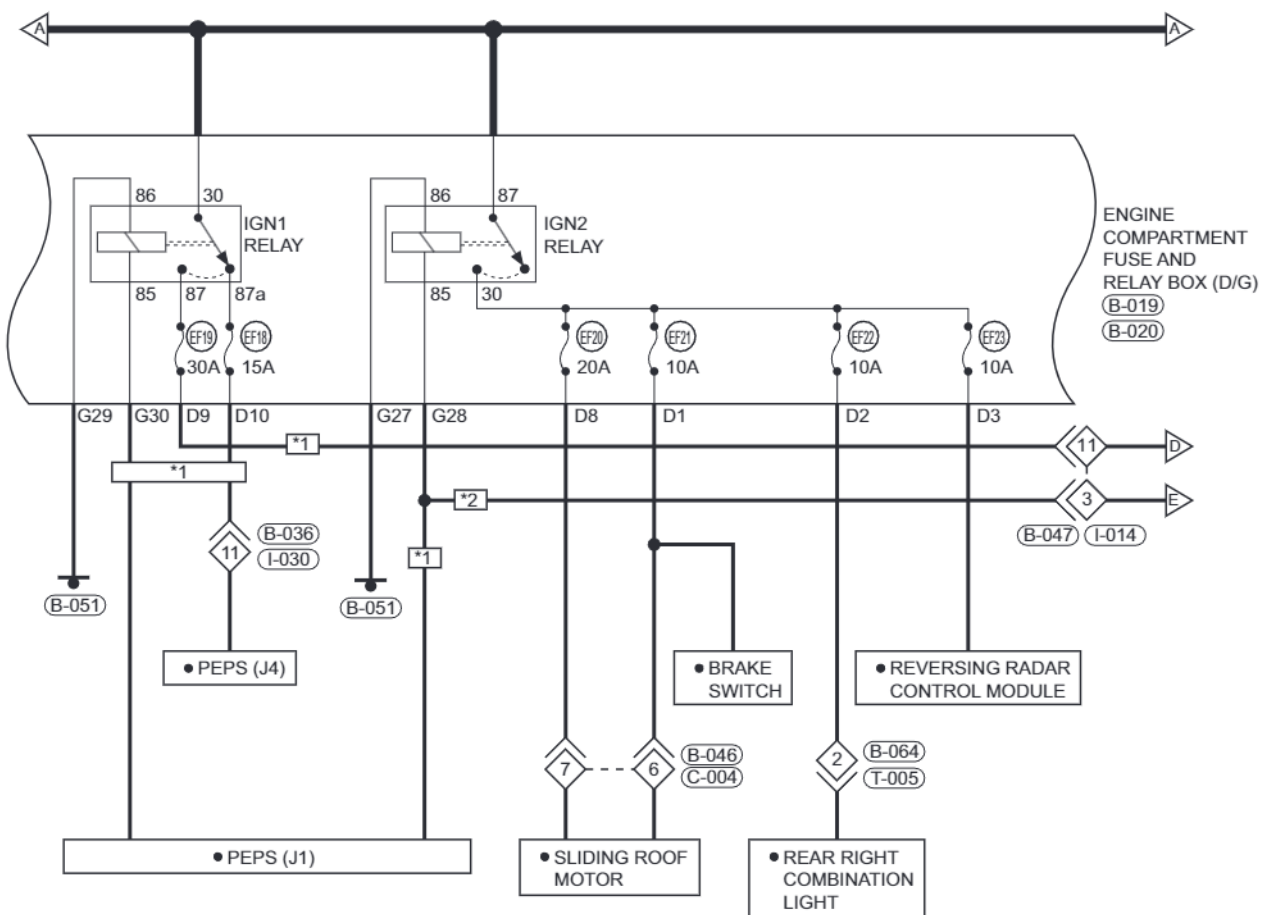


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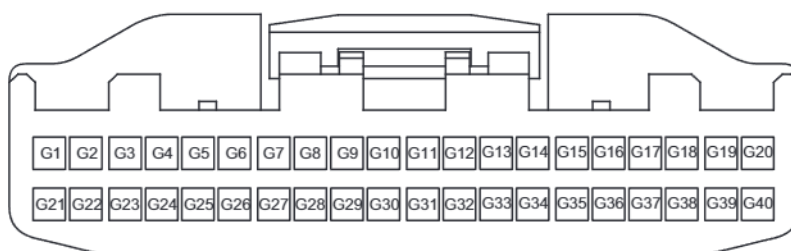


Circuit Diagram (Page 10 of 15)

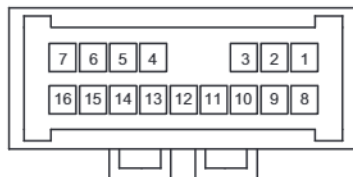
*1: W/ PEPS
 *2: W/O PEPS



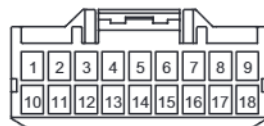
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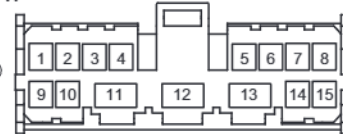
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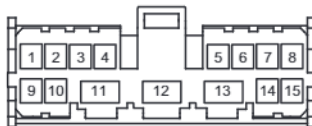
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(B-046)
W



(B-036)
W

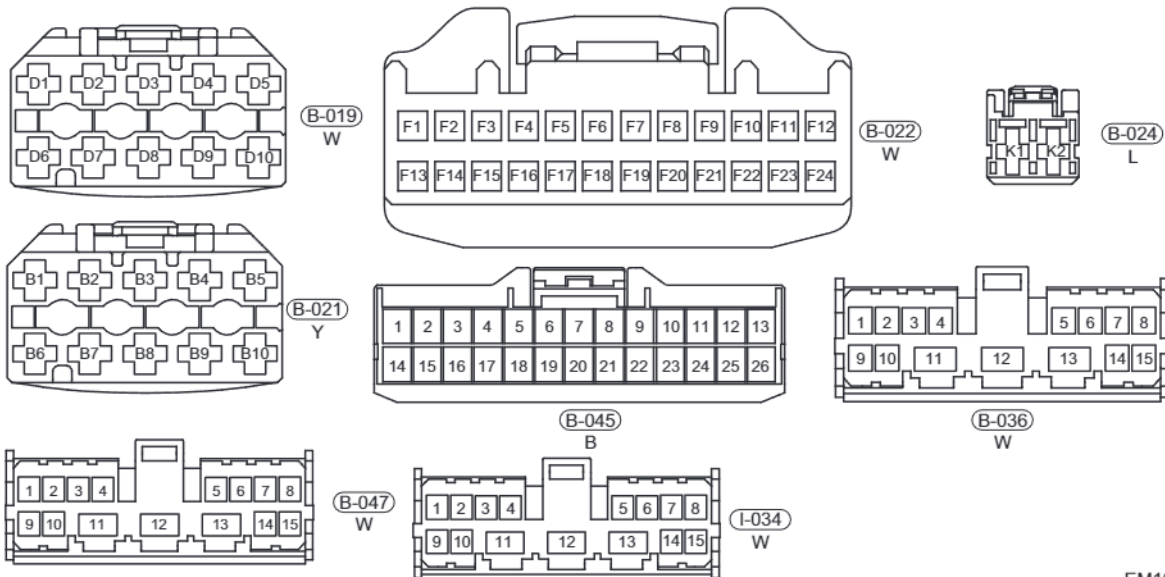
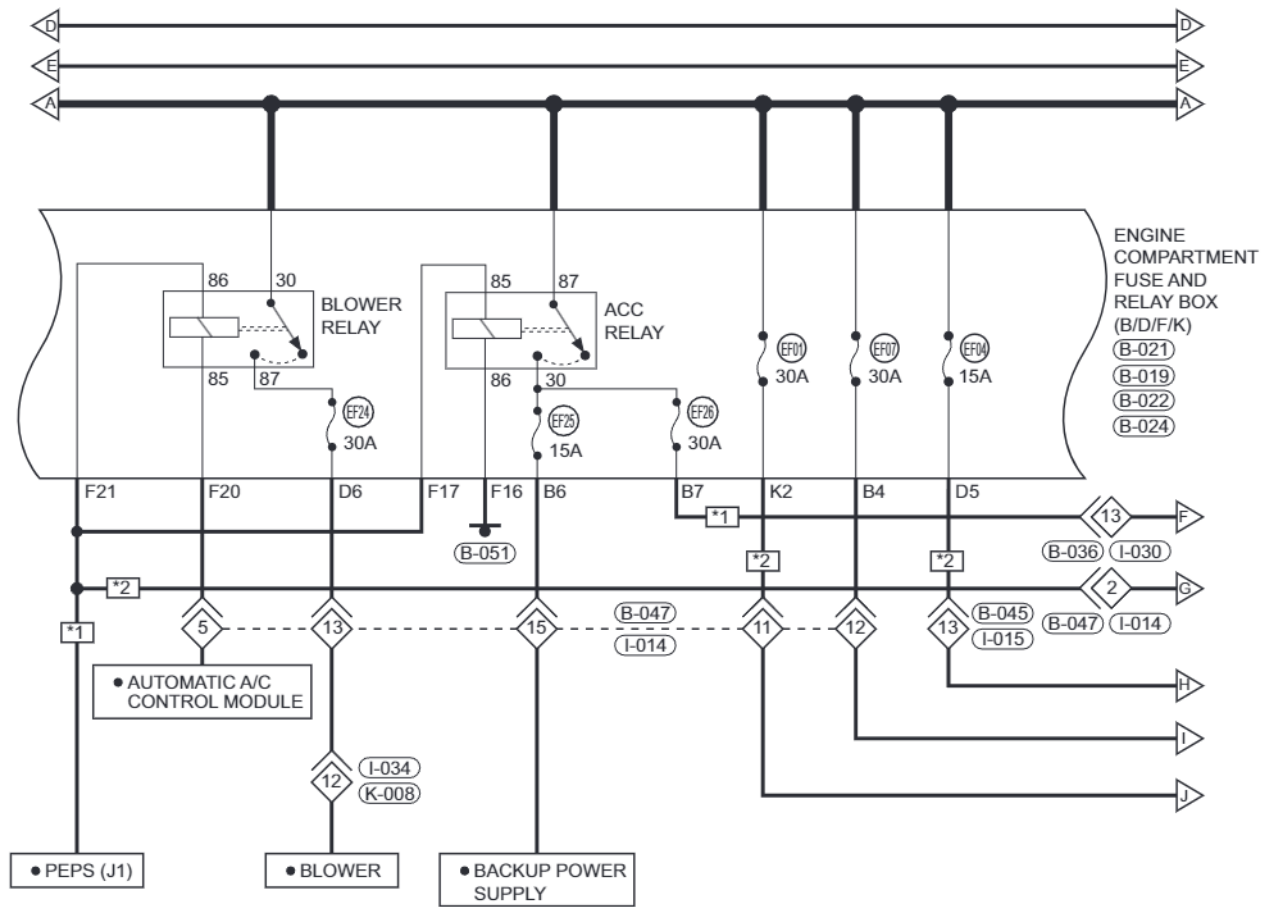


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Circuit Diagram (Page 11 of 15)

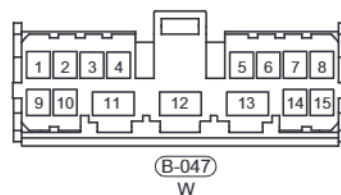
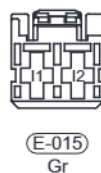
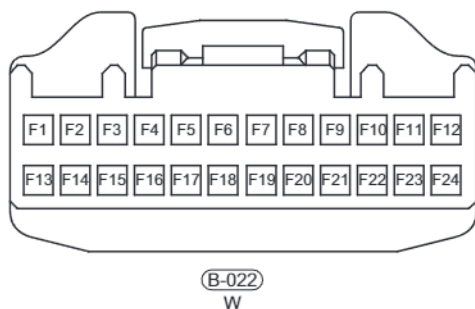
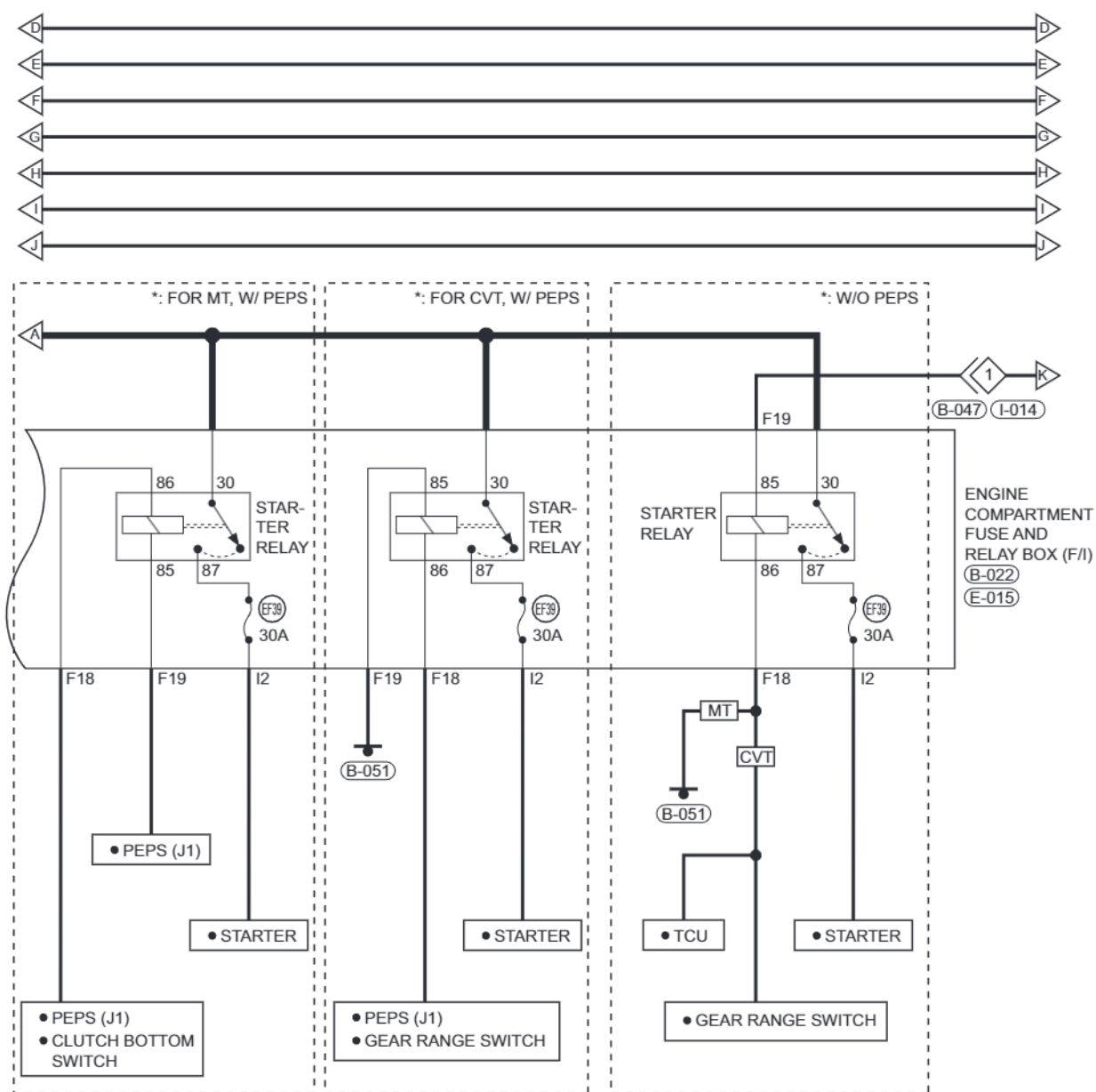
*1: W/ PEPS

*2: W/O PEPS

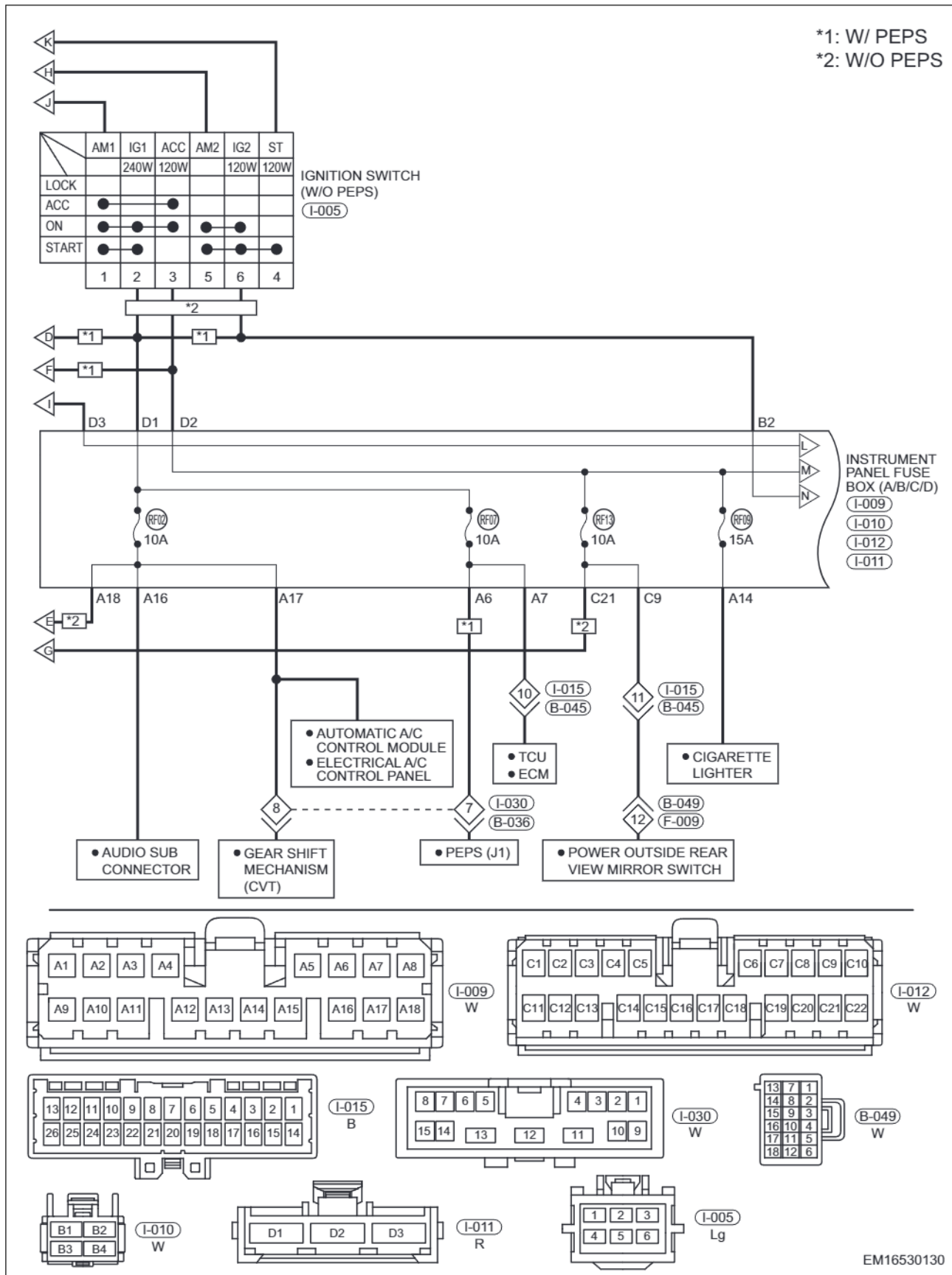


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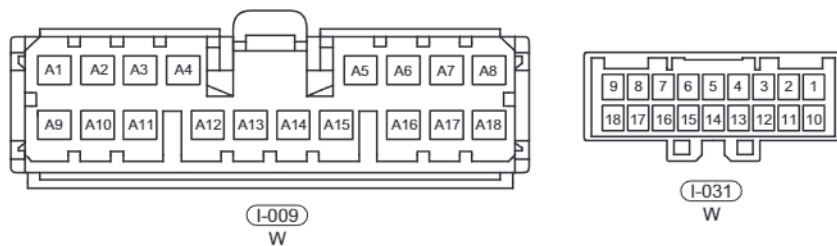
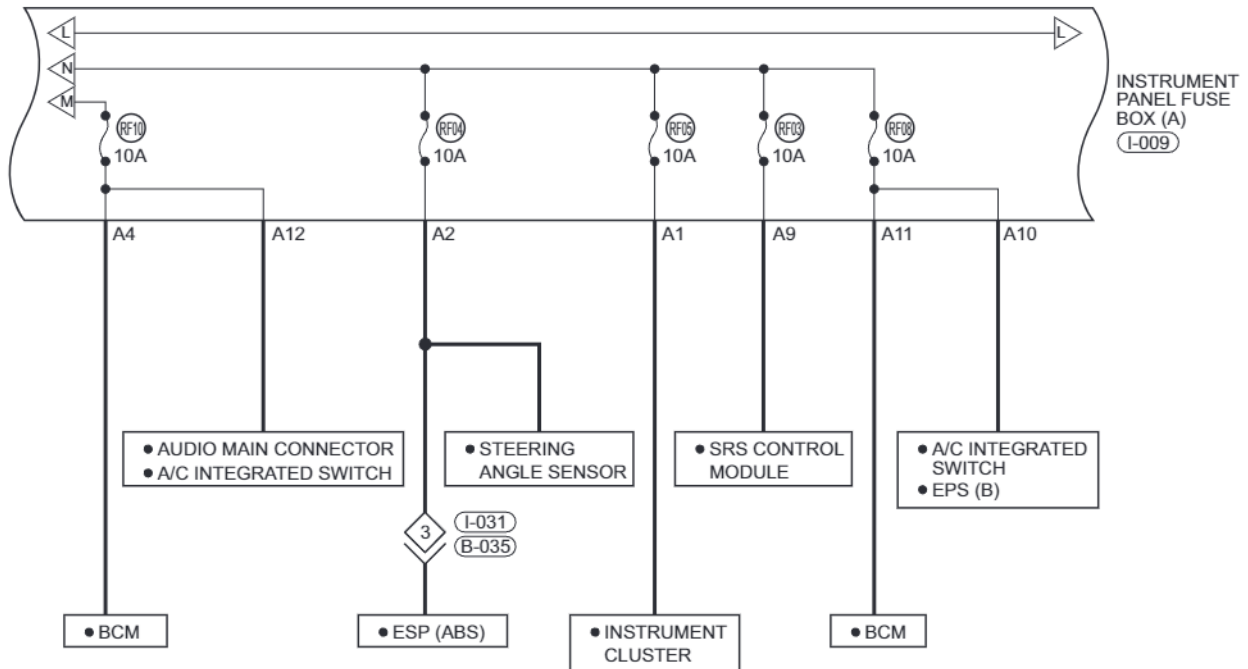
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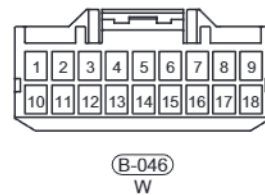
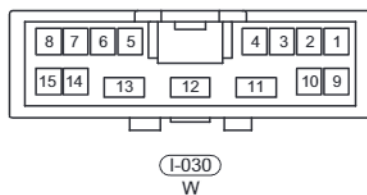
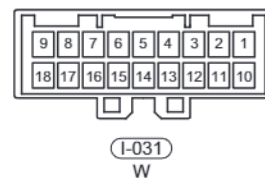
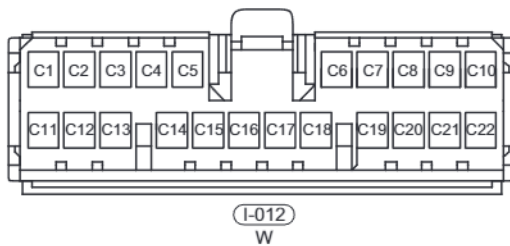
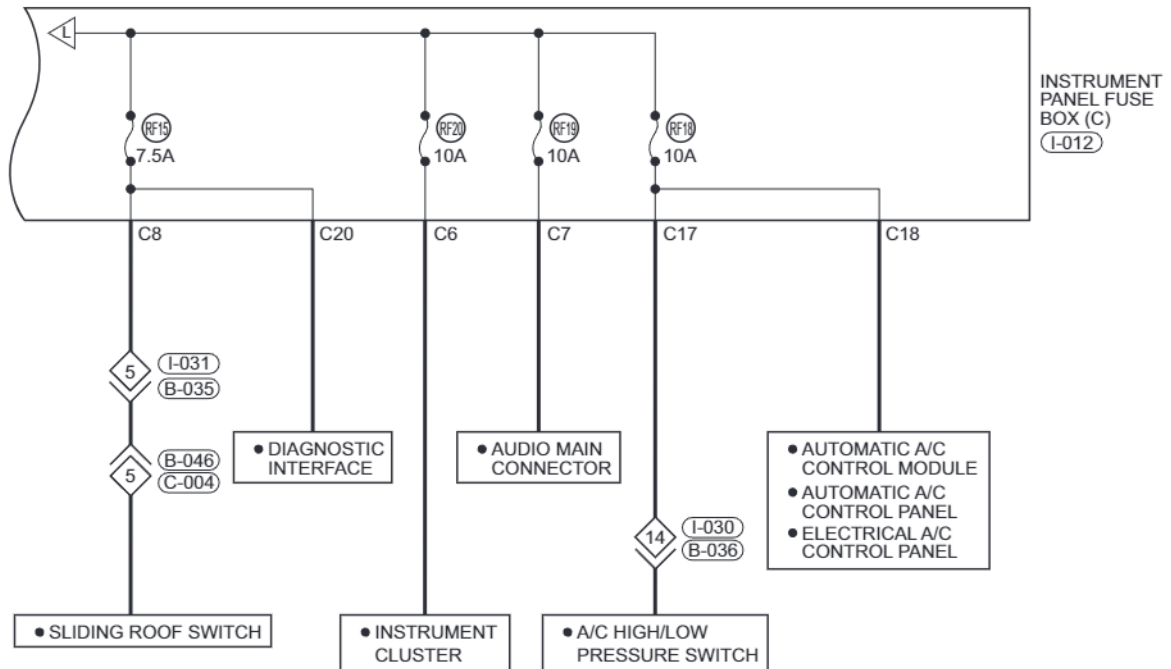
Circuit Diagram (Page 13 of 15)



Circuit Diagram (Page 14 of 15)



Circuit Diagram (Page 15 of 15)



EM16530150

VEHICLE GROUND DISTRIBUTION

General Information

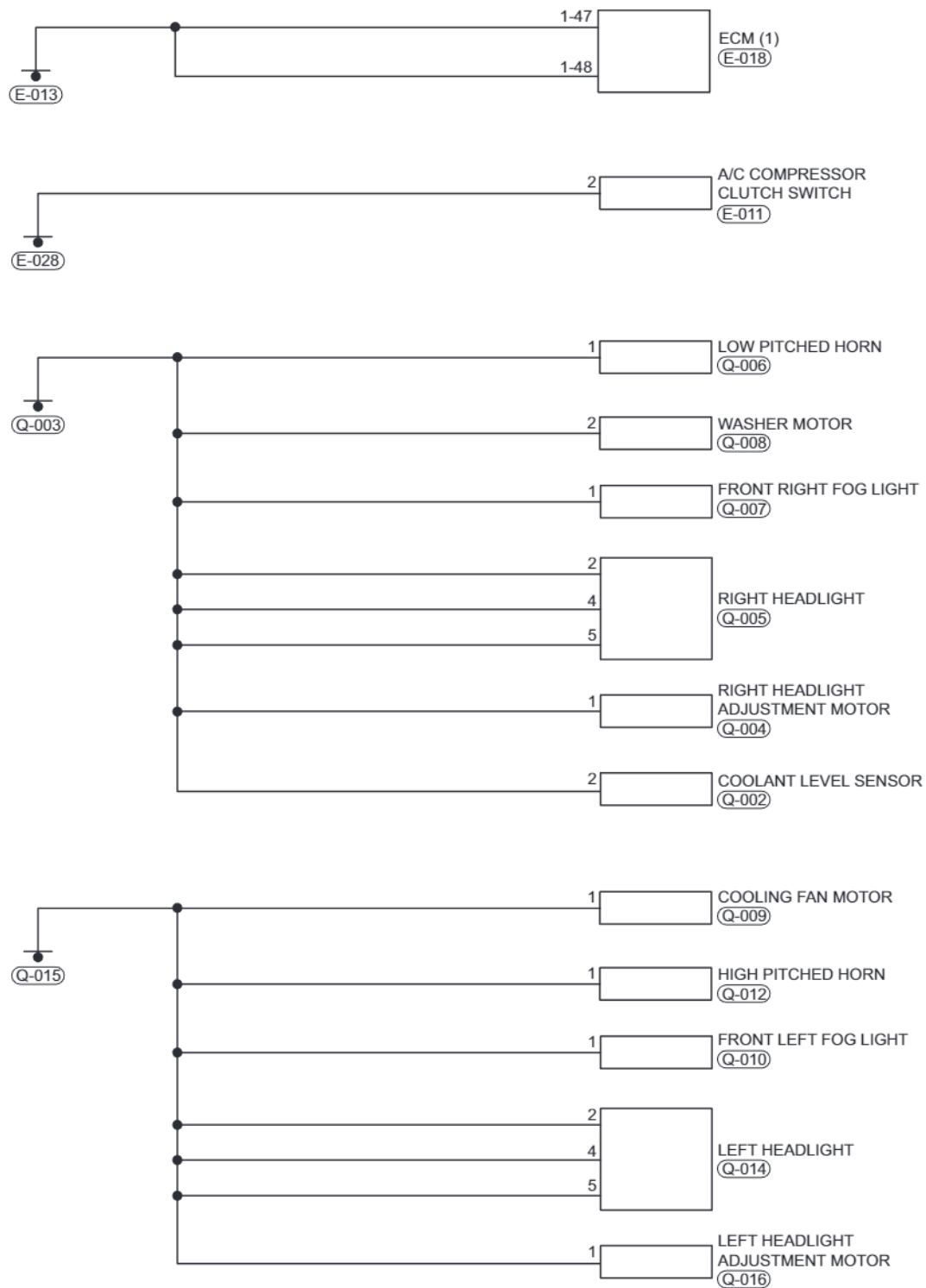
Description

Ground distribution system provides the centralized and convenient information about ground positions for electrical equipment on entire vehicle. Technicians can find relevant electrical equipment quickly through ground points and solve problem accurately and efficiently.

Circuit Diagram

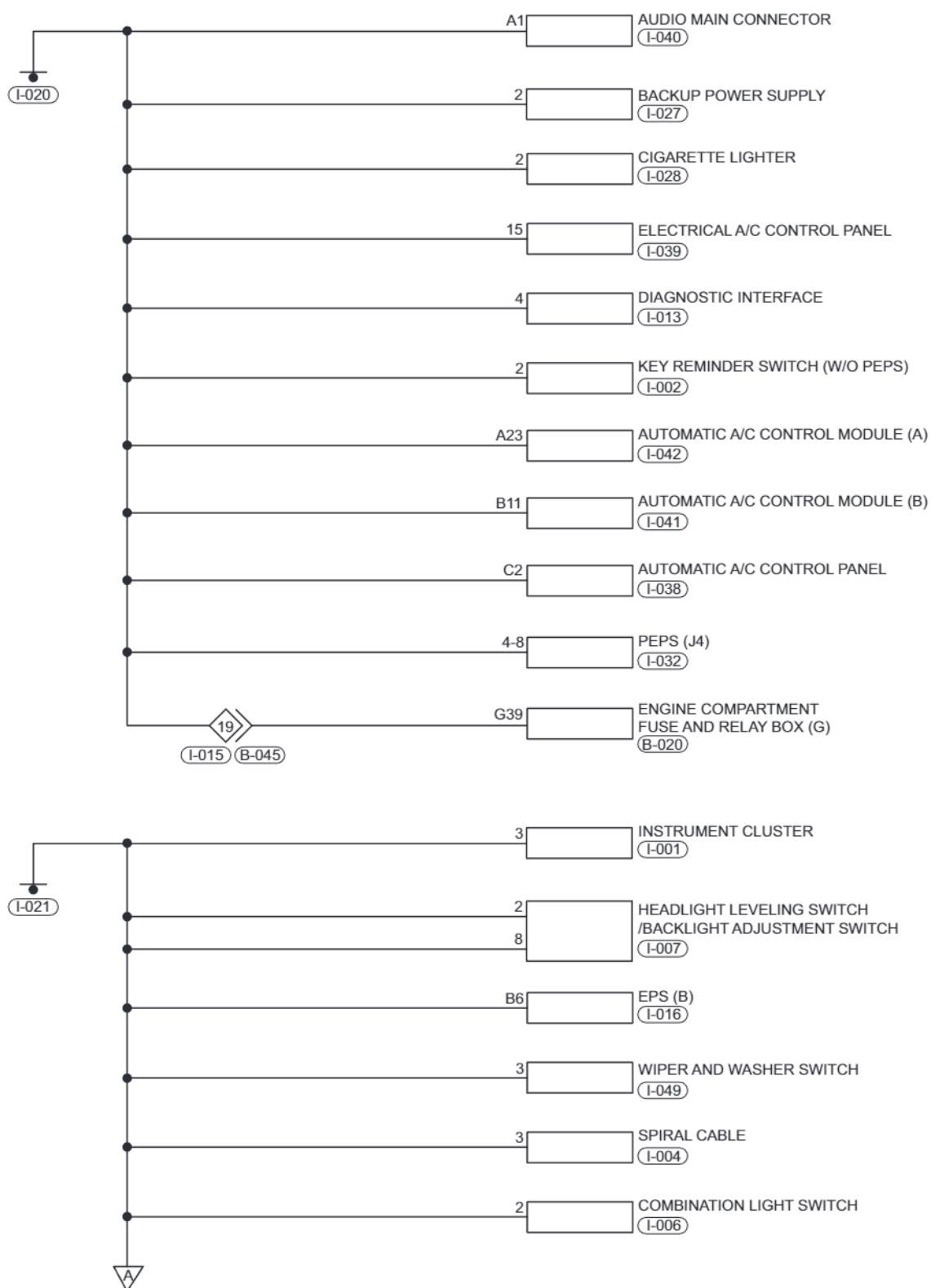
Ground Distribution

Circuit Diagram (Page 1 of 6)

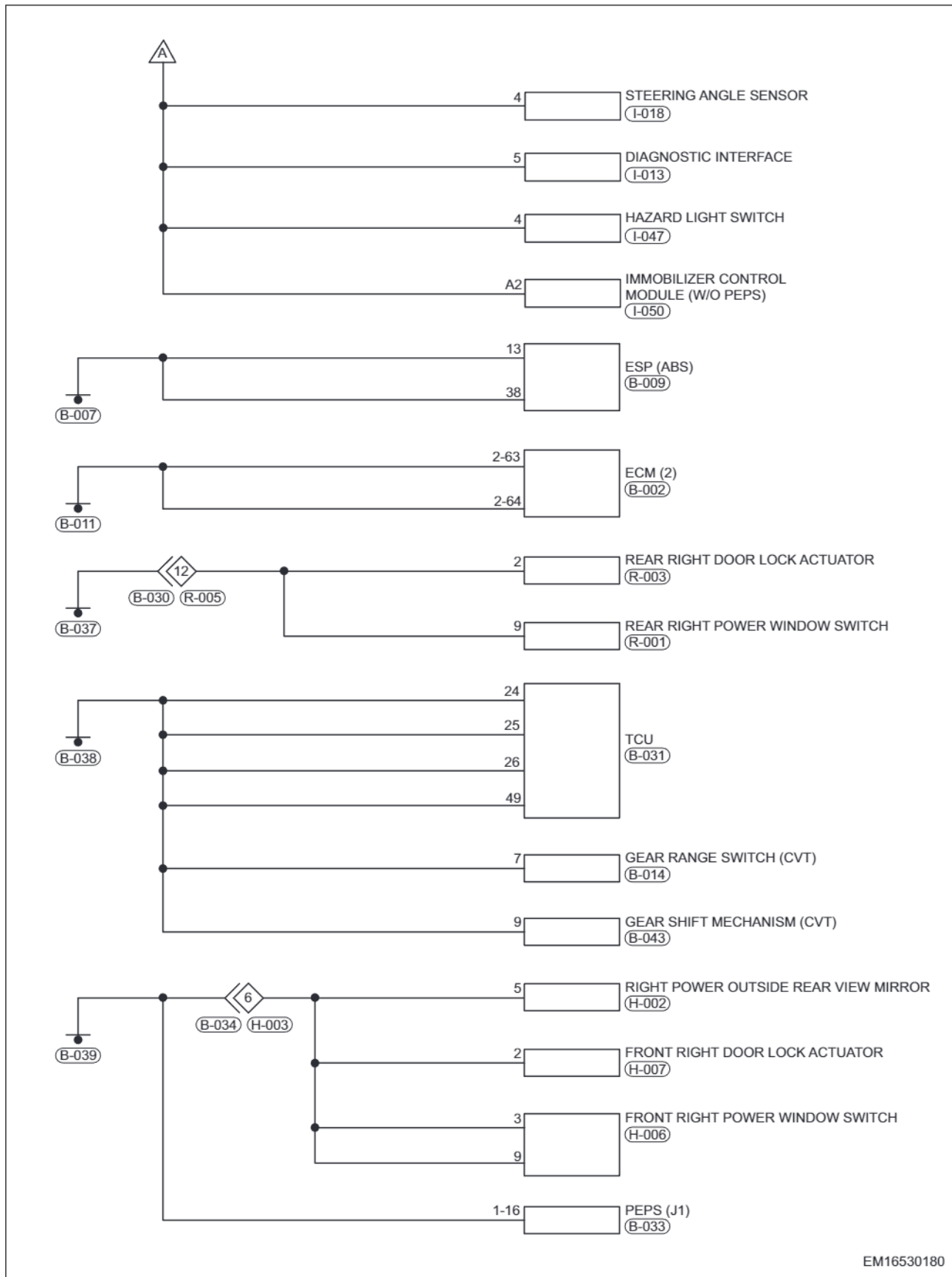


EM16530160

Circuit Diagram (Page 2 of 6)

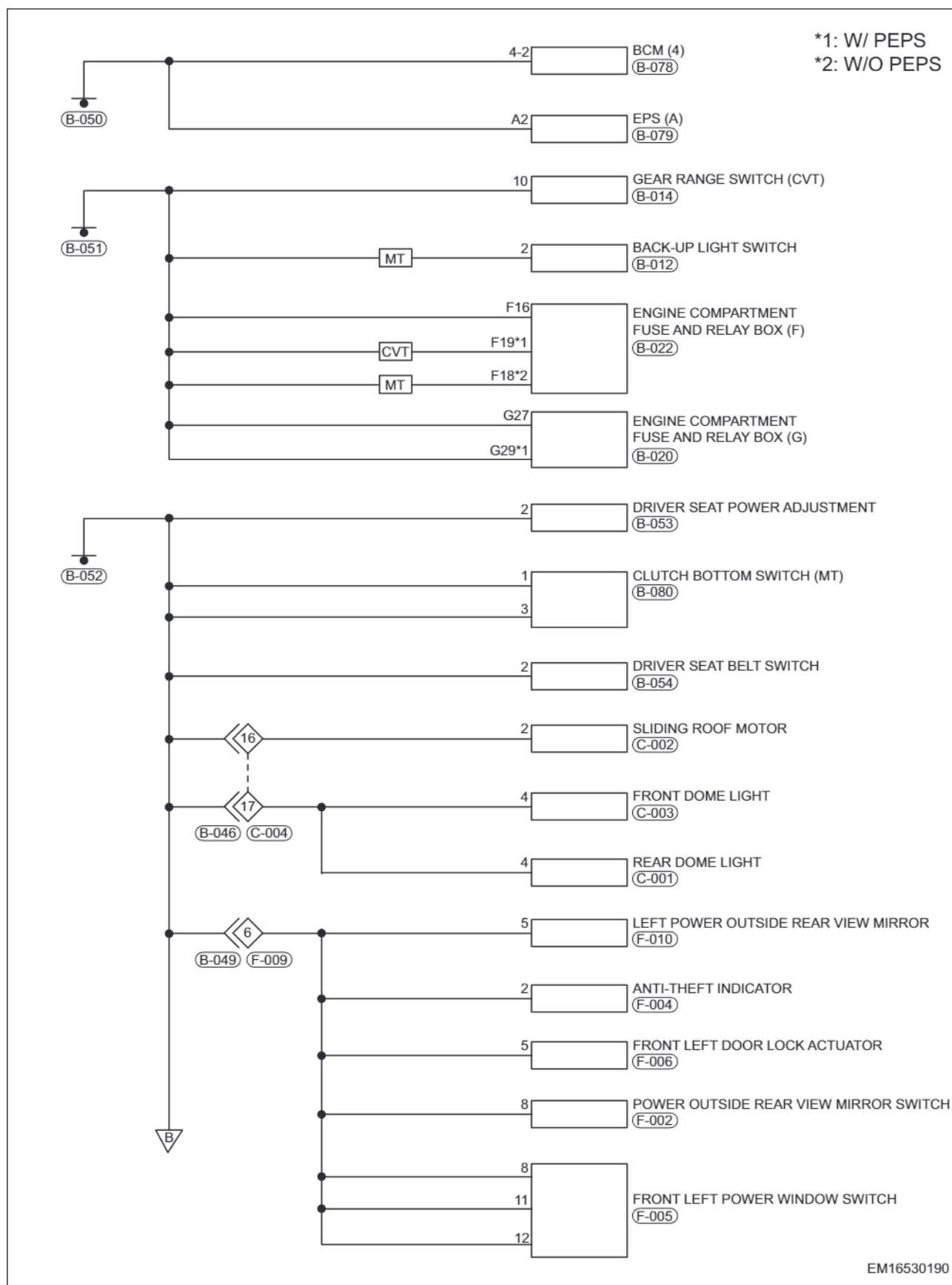


Circuit Diagram (Page 3 of 6)

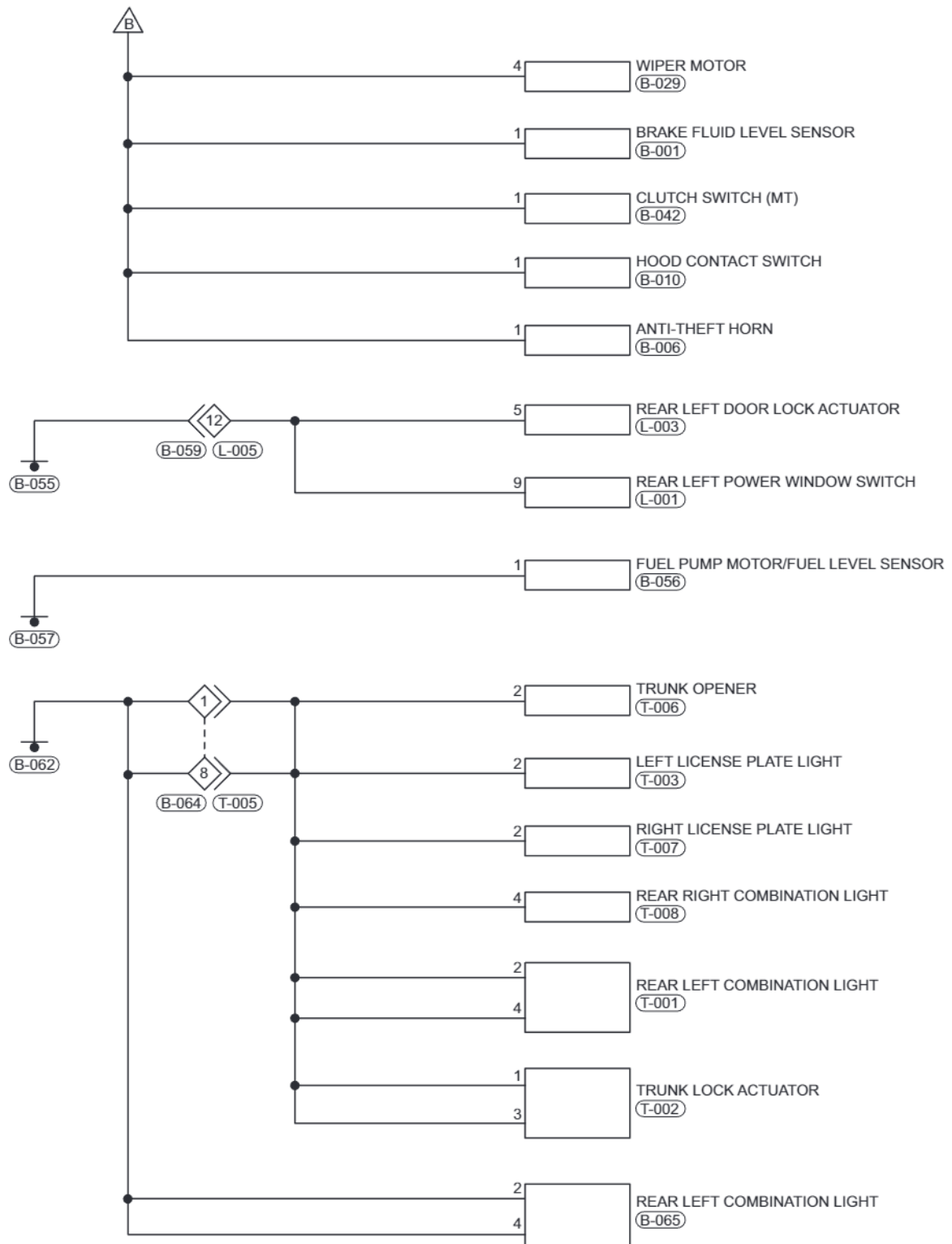


EM16530180

Circuit Diagram (Page 4 of 6)

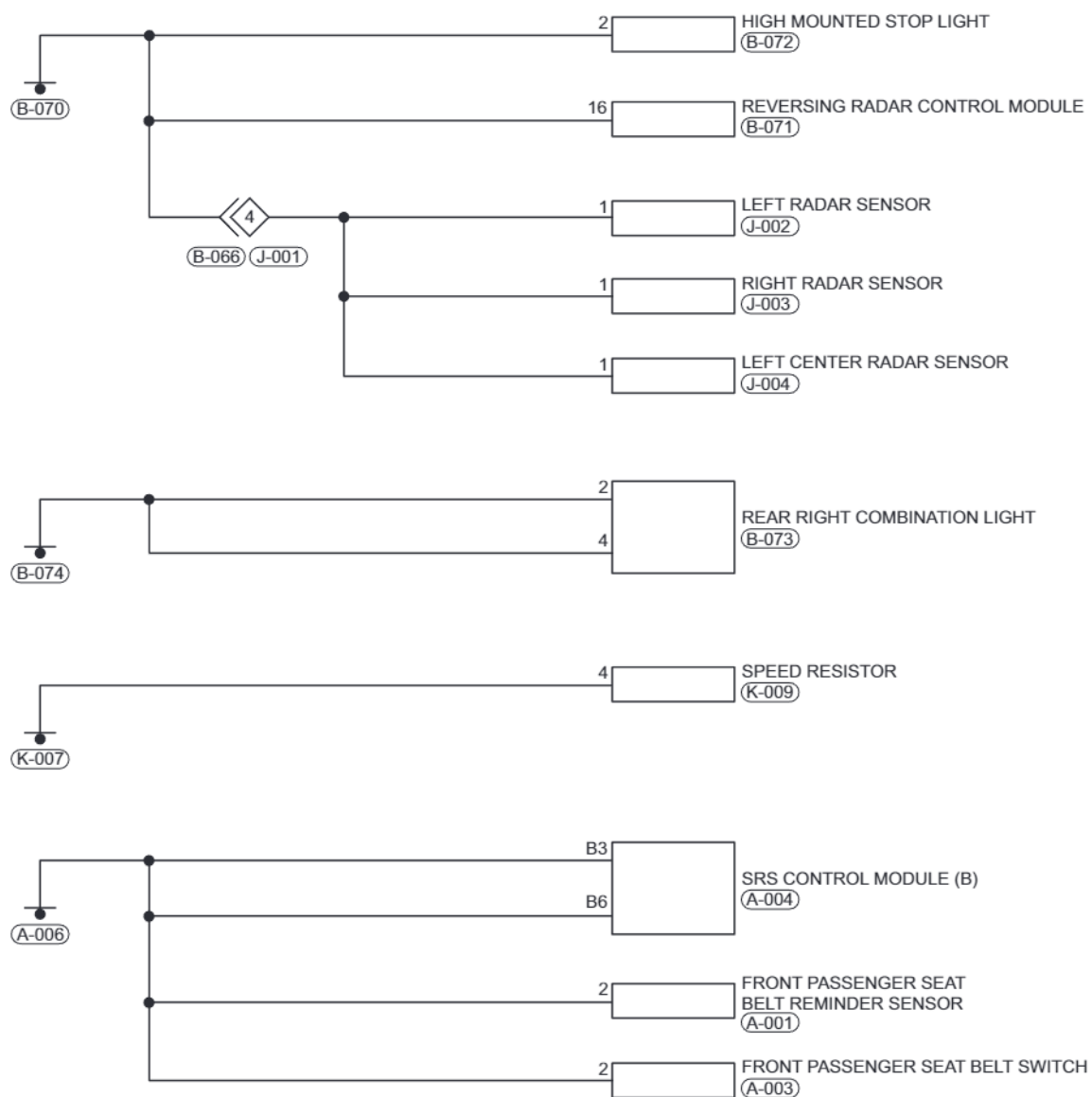


Circuit Diagram (Page 5 of 6)



EM16530200

Circuit Diagram (Page 6 of 6)



VEHICLE FUSE & RELAY

General Information

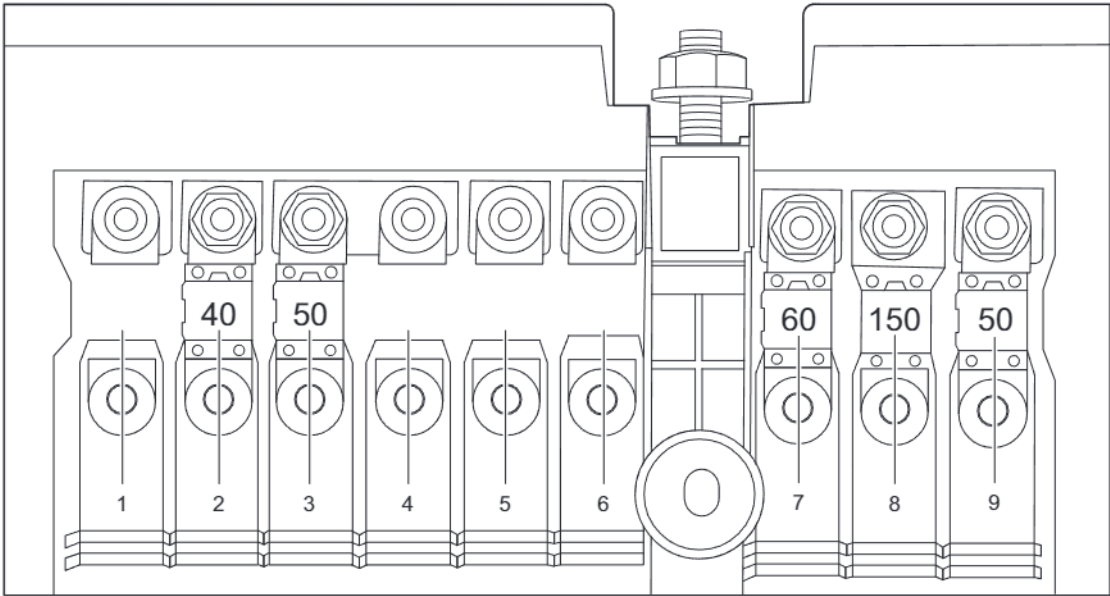
Description

Each system should be equipped with fuses and relays to ensure normal operation of vehicle electrical system. The fuses and relays are integrated into fuse and relay boxes which are installed in the following specific positions of vehicle:

- Power fuse box: located at side of engine compartment fuse and relay box.
- Engine compartment fuse and relay box: located on the left side of engine compartment and the rear side of left headlight.
- Instrument panel fuse box: located on the lower left side of instrument panel.
- Trunk fuse and relay box: located in the trunk, next to the trunk light.

Fuse & Relay

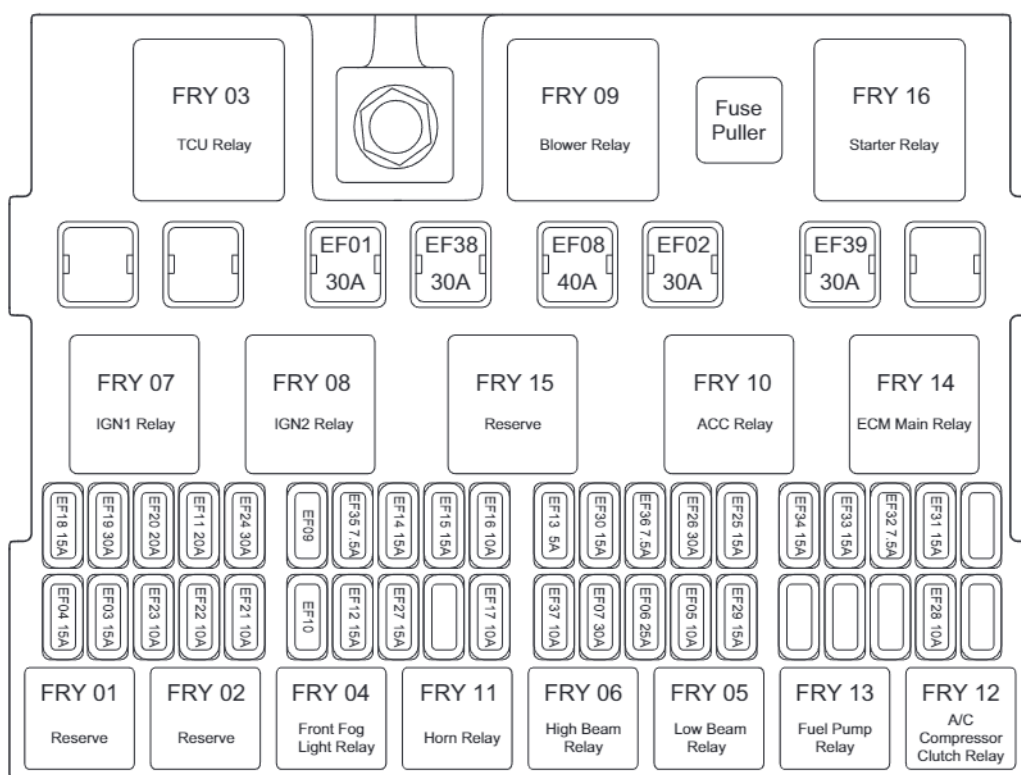
Power Fuse Box



RM16530120

No.	Fuse	Description	No.	Fuse	Description
1	FB01	-	6	FB06	-
2	FB02	Trunk Fuse and Relay Box	7	FB07	EPS
3	FB03	BCM	8	FB08	Alternator
4	FB04	-	9	FB09	Cooling Fan
5	FB05	-			

Engine Compartment Fuse and Relay Box

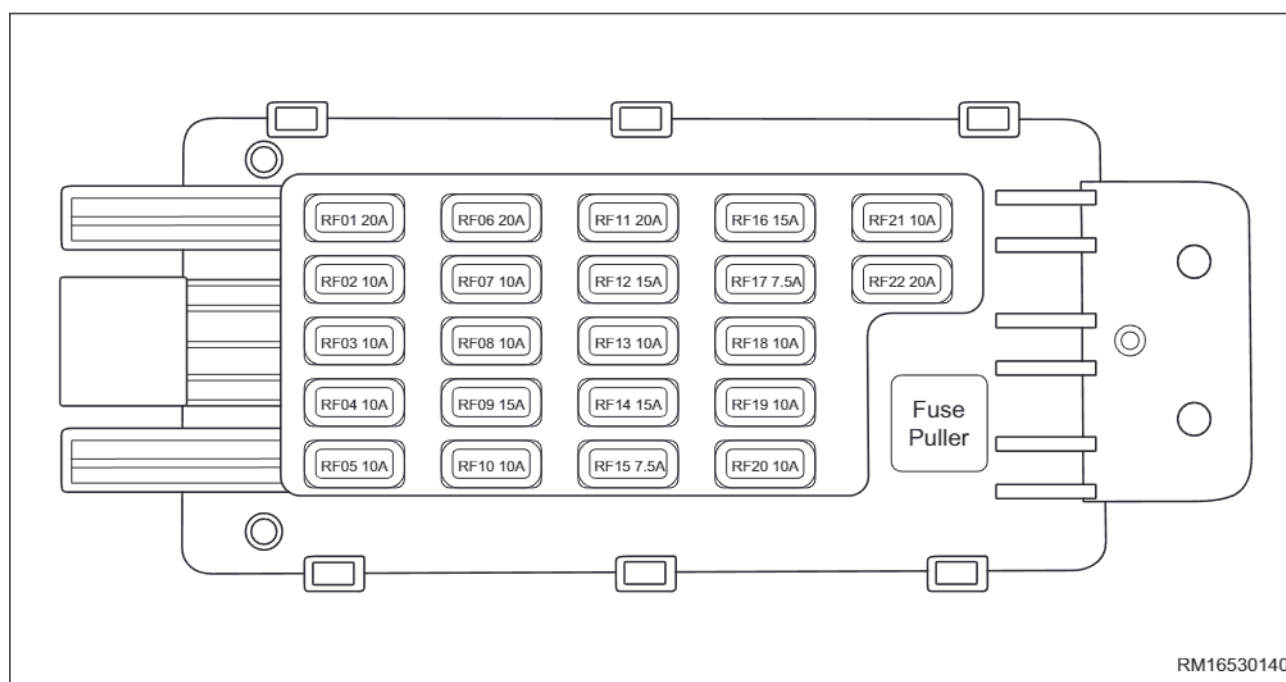


RM16530130

No.	Description	No.	Description
EF01	Ignition Switch (w/o PEPS)	EF21	Brake Switch/Sliding Roof Motor
EF02	Driver Seat Power Adjustment	EF22	Back-up Light
EF03	Immobilizer Control Module (w/o PEPS)/Brake Switch	EF23	Reversing Radar Control Module
EF04	Ignition Switch (w/o PEPS)	EF24	Blower
EF05	PEPS (w/ PEPS)/TCU/TCU Relay Coil (CVT)	EF25	Backup Power Supply
EF06	ESP (ABS)	EF26	IP Fuse Box (ACC)
EF07	IP Fuse Box (B+)	EF27	Horn
EF08	ESP (ABS)	EF28	A/C Compressor Clutch Switch
EF09	Reserve	EF29	Fuel Pump Motor
EF10	Reserve	EF30	ECM
EF11	TCU/Gearbox/Gear Shift Mechanism (CVT)	EF31	Ignition Coil
EF12	Front Fog Light	EF32	Upstream Oxygen Sensor
EF13	Headlight Leveling Switch	EF33	Injector

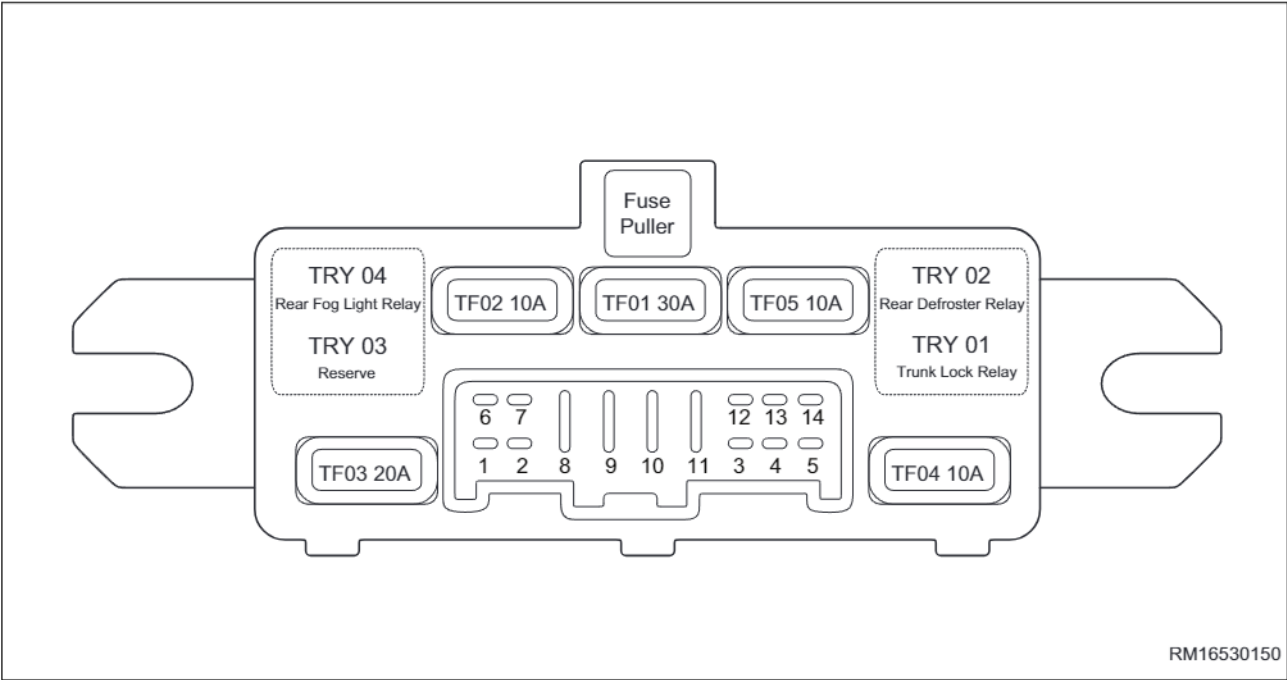
No.	Description	No.	Description
EF14	Right Headlight Low Beam/Right Headlight Adjustment Motor	EF34	Variable Intake Valve/Canister Solenoid Valve/Variable Camshaft Timing (Intake/Exhaust)
EF15	Left Headlight Low Beam/Left Headlight Adjustment Motor	EF35	Cooling Fan Control Module
EF16	Right Headlight High Beam	EF36	Downstream Oxygen Sensor
EF17	Left Headlight High Beam	EF37	ECM
EF18	PEPS (w/ PEPS)	EF38	Reserve
EF19	IP Fuse Box (ON)	EF39	Starter Control
EF20	Sliding Roof Motor		

Instrument Panel Fuse Box



No.	Description	No.	Description
RF01	Reserve	RF12	Reserve
RF02	A/C System/Audio System/Shift Mechanism (CVT)/IGN2 Relay Coil (w/o PEPS)	RF13	Power Outside Rear View Mirror Switch/Blower and ACC Relay Coil (w/o PEPS)
RF03	SRS Control Module	RF14	Reserve
RF04	ESP (ABS)/Steering Angle Sensor	RF15	Sliding Roof Switch/Diagnostic Interface
RF05	Instrument Cluster	RF16	Reserve
RF06	Reserve	RF17	Reserve
RF07	PEPS (w/ PEPS)/ECM/TCU (CVT)	RF18	A/C Control Panel and A/C High/Low Pressure Switch
RF08	A/C Integrated Switch/BCM/EPS	RF19	Audio System
RF09	Cigarette Lighter	RF20	Instrument Cluster
RF10	A/C Integrated Switch/Audio System/BCM	RF21	Spare
RF11	Reserve	RF22	Spare

Trunk Fuse and Relay Box



No.	Description	No.	Description
TF01	Rear Defroster	TF04	Trunk Lock
TF02	Rear Fog Light	TF05	Antenna Amplifier
TF03	Reserve		

VEHICLE WIRE HARNESS LAYOUT

General Information

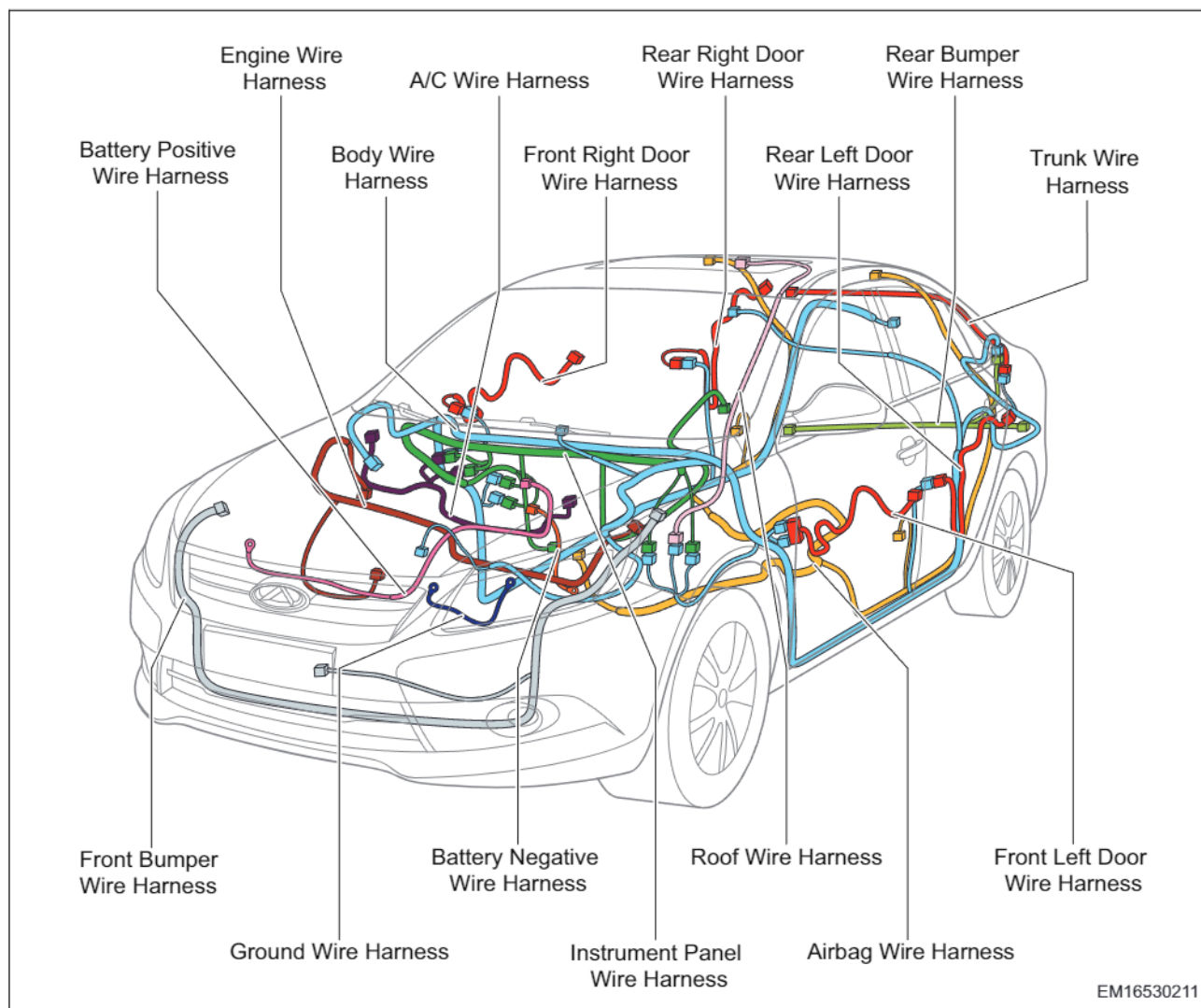
Description

The wire harness layout introduces the location information of vehicle wire harness and electrical components in the form of graphic. The entire vehicle wire harnesses are divided into the following parts:

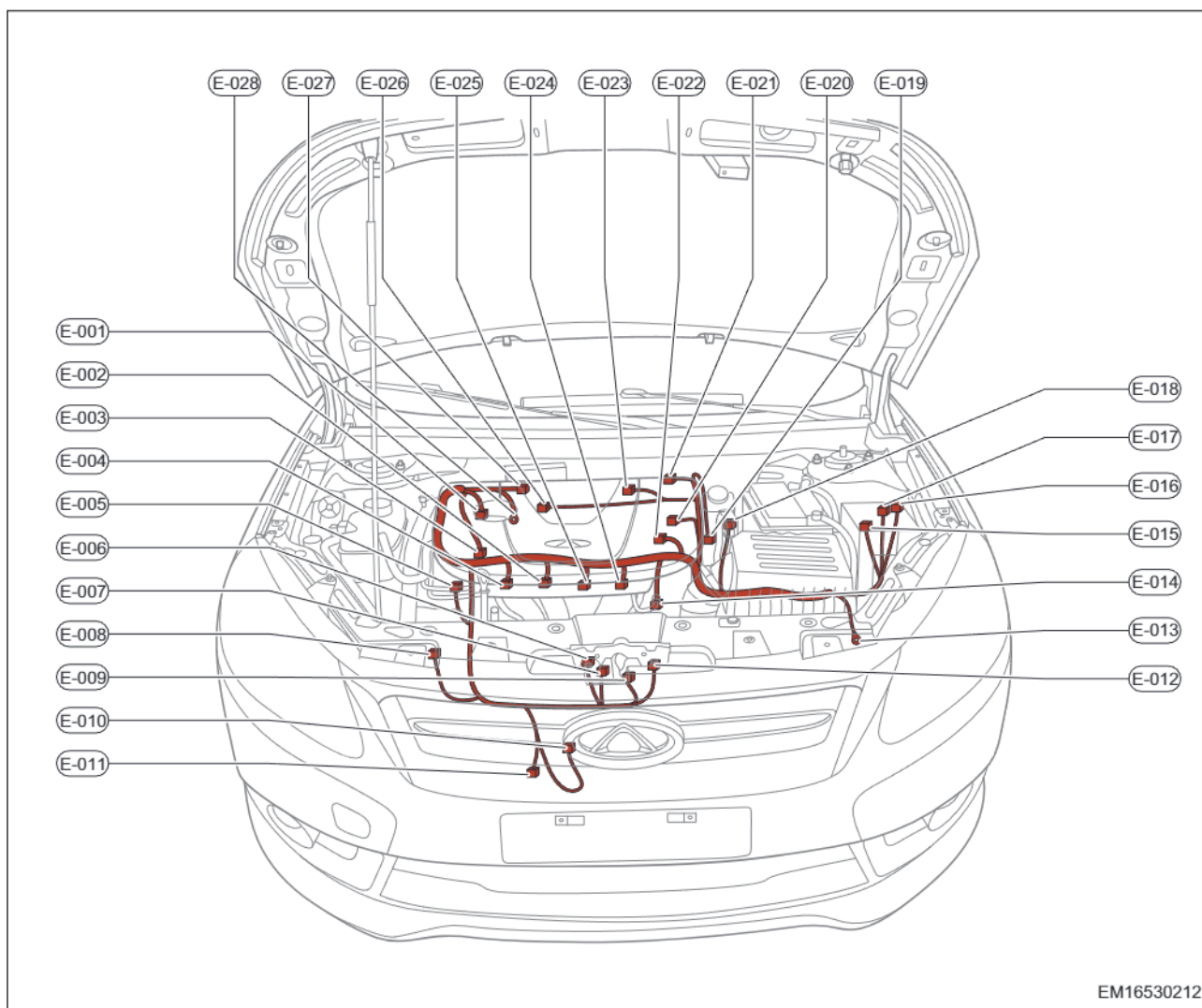
- Engine Wire Harness
- Front Bumper Wire Harness
- Instrument Panel Wire Harness
- Body Wire Harness
- Front Left Door Wire Harness
- Front Right Door Wire Harness
- Rear Left Door Wire Harness
- Rear Right Door Wire Harness
- Trunk Wire Harness
- Roof Wire Harness
- Rear Bumper Wire Harness
- A/C Wire Harness
- Airbag Wire Harness
- Battery Positive/Negative/Ground Wire Harness

Vehicle Wire Harness Layout

Entire Vehicle Wire Harness Layout

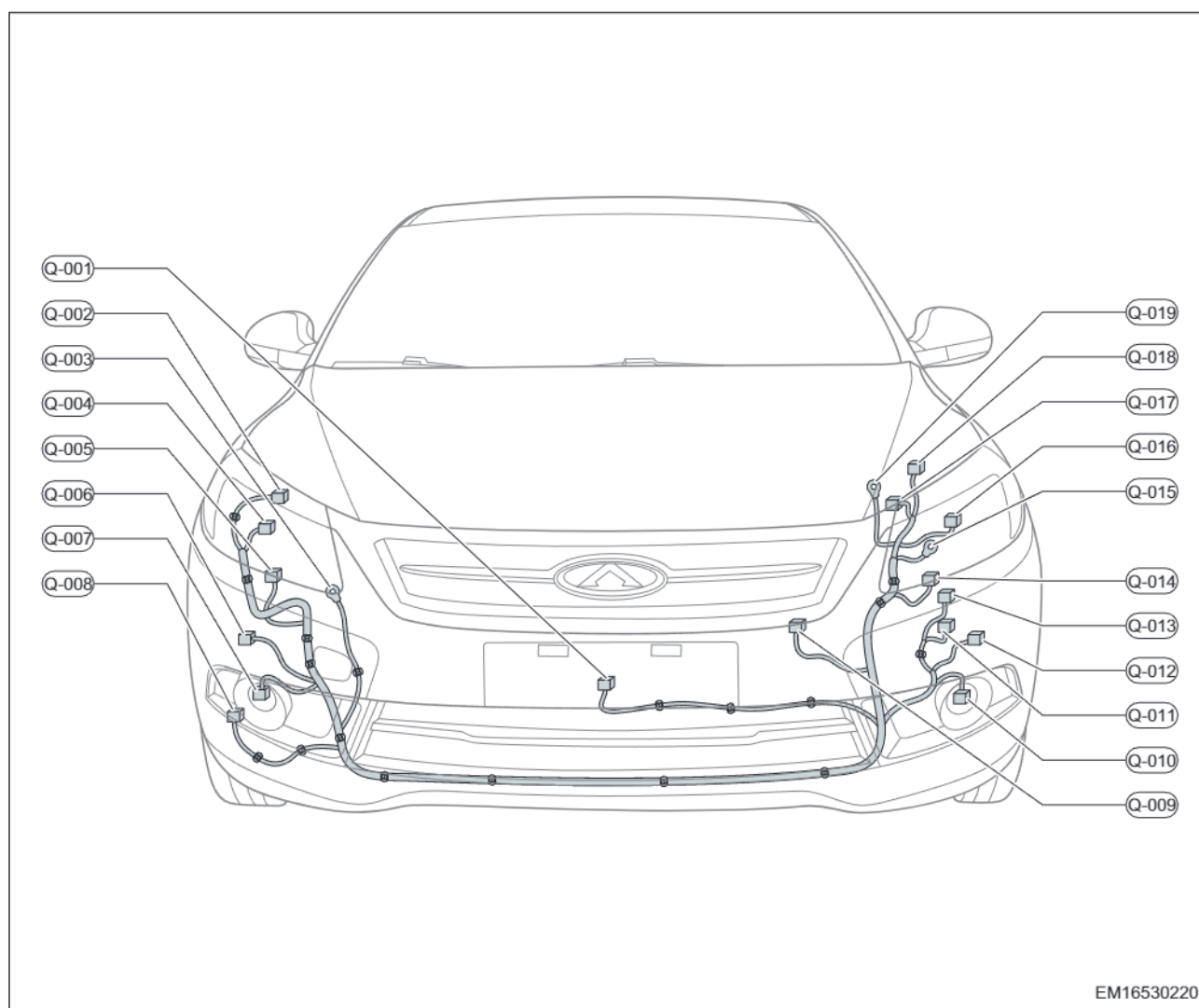


Engine Wire Harness



Connector Code	Connector Color/Terminal	Connector Name
E-001	B/2	Variable Camshaft Timing (Exhaust)
E-002	B/2	Injector 2
E-003	B/1	Oil Pressure Switch
E-004	B/2	Injector 1
E-005	B/2	Variable Camshaft Timing (Intake)
E-006	B/1	Starter
E-007	B/2	Variable Intake Valve
E-008	Gr/3	Alternator
E-009	B/4	Intake Pressure/Temperature Sensor
E-010	B/2	Knock Sensor
E-011	B/2	A/C Compressor Clutch Switch
E-012	B/6	Electronic Throttle
E-013	-	Ground
E-014	B/2	Canister Solenoid Valve
E-015	Gr/2	Engine Compartment Fuse and Relay Box (I)
E-016	Gr/10	Engine Compartment Fuse and Relay Box (A)
E-017	W/12	Engine Compartment Fuse and Relay Box (E)
E-018	B/48	ECM (1)
E-019	B/2	Crankshaft Position Sensor
E-020	B/2	Coolant Temperature Sensor
E-021	B/3	Camshaft Position Sensor (Exhaust)
E-022	B/3	Camshaft Position Sensor (Intake)
E-023	B/2	Ignition Coil (1)
E-024	B/2	Injector 4
E-025	B/2	Injector 3
E-026	B/2	Ignition Coil (2)
E-027	B/4	Upstream Oxygen Sensor
E-028	-	Ground

Front Bumper Wire Harness

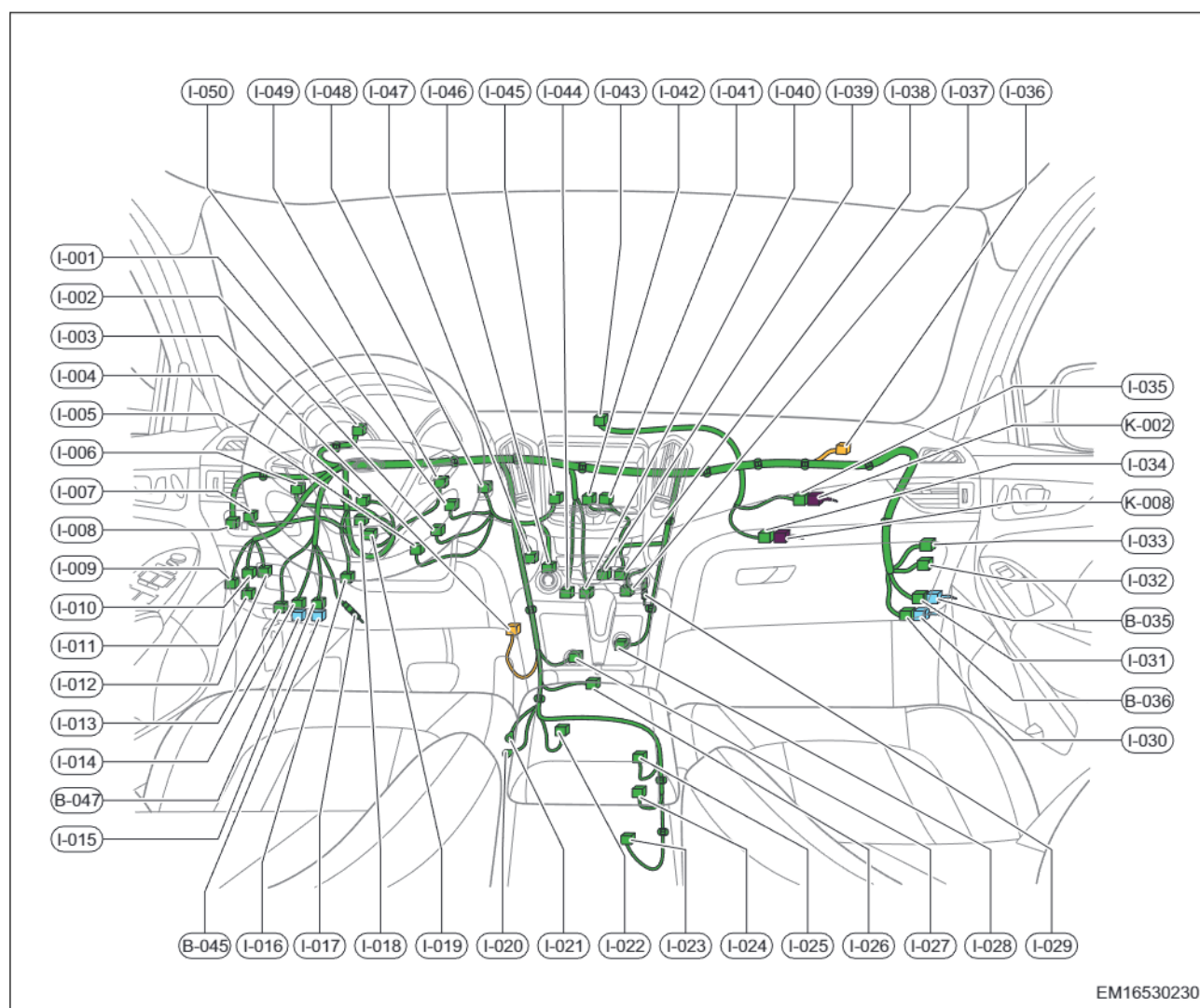


EM16530220

Connector Code	Connector Color/Terminal	Connector Name
Q-001	B/2	Outside Temperature Sensor
Q-002	B/2	Coolant Level Sensor
Q-003	-	Ground
Q-004	B/3	Right Headlight Adjustment Motor
Q-005	B/10	Right Headlight
Q-006	Gr/2	Low Pitched Horn
Q-007	B/2	Front Right Fog Light
Q-008	Gr/2	Washer Motor
Q-009	B/3	Cooling Fan Motor
Q-010	B/2	Front Left Fog Light
Q-011	B/6	Cooling Fan Control Module (2)
Q-012	Gr/2	High Pitched Horn

Connector Code	Connector Color/Terminal	Connector Name
Q-013	B/4	Cooling Fan Control Module (1)
Q-014	B/10	Left Headlight
Q-015	-	Ground
Q-016	B/3	Left Headlight Adjustment Motor
Q-017	W/16	Engine Compartment Fuse and Relay Box (H)
Q-018	L/10	Engine Compartment Fuse and Relay Box (C)
Q-019	-	Fan Power Supply

Instrument Panel Wire Harness

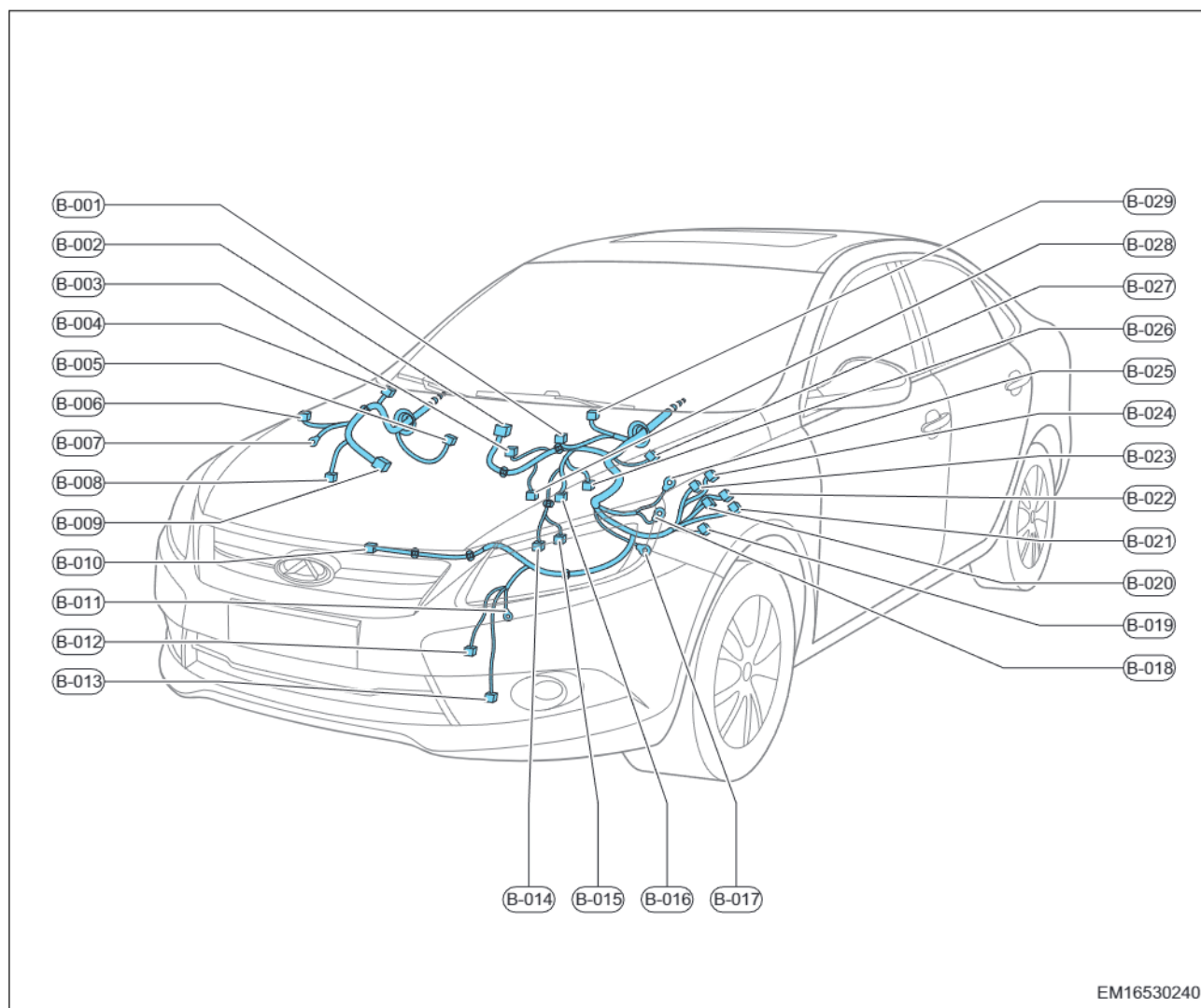


Connector Code	Connector Color/Terminal	Connector Name
I-001	L/32	Instrument Cluster
I-002	B/4	Key Reminder Switch (w/o PEPS)
I-003	Y/22	SRS Control Module (C)
I-004	W/16	Spiral Cable
I-005	Lg/6	Ignition Switch (w/o PEPS)
I-006	B/10	Combination Light Switch
I-007	W/10	Headlight Leveling Switch/Backlight Adjustment Switch
I-008	G/32	BCM (1)
I-009	W/18	Instrument Panel Fuse Box (A)
I-010	W/4	Instrument Panel Fuse Box (B)
I-011	R/3	Instrument Panel Fuse Box (D)
I-012	W/22	Instrument Panel Fuse Box (C)

Connector Code	Connector Color/Terminal	Connector Name
I-013	B/16	Diagnostic Interface
I-014	W/15	to Body Wire Harness Connector B-047
I-015	B/26	to Body Wire Harness Connector B-045
I-016	B/10	EPS (B)
I-017	-	Antenna
I-018	B/6	Steering Angle Sensor
I-019	W/4	Electronic Steering Column Lock
I-020	-	Ground
I-021	-	Ground
I-022	B/1	Parking Brake Switch
I-023	B/10	USB Connector
I-024	B/2	Low Frequency Antenna 2
I-025	G/2	Immobilizer Coil
I-026	B/2	Low Frequency Antenna 1
I-027	B/2	Backup Power Supply
I-028	W/2	Cigarette Lighter
I-029	-	Antenna
I-030	W/15	to Body Wire Harness Connector B-036
I-031	W/18	to Body Wire Harness Connector B-035
I-032	B/10	PEPS (J4)
I-033	B/16	PEPS (J2)
I-034	W/15	to A/C Wire Harness Connector K-008
I-035	W/12	to A/C Wire Harness Connector K-002
I-036	Y/2	Front Passenger Airbag
I-037	B/10	USB Connector (Audio Main Side)
I-038	W/6	Automatic A/C Control Panel
I-039	W/32	Electrical A/C Control Panel
I-040	B/16	Audio Main Connector
I-041	W/22	Automatic A/C Control Module (B)
I-042	W/26	Automatic A/C Control Module (A)
I-043	B/2	Solar Sensor
I-044	B/16	Audio Sub Connector
I-045	B/8	Multi-function Display
I-046	B/16	A/C Integrated Switch
I-047	W/6	Hazard Light Switch
I-048	W/8	Engine Switch

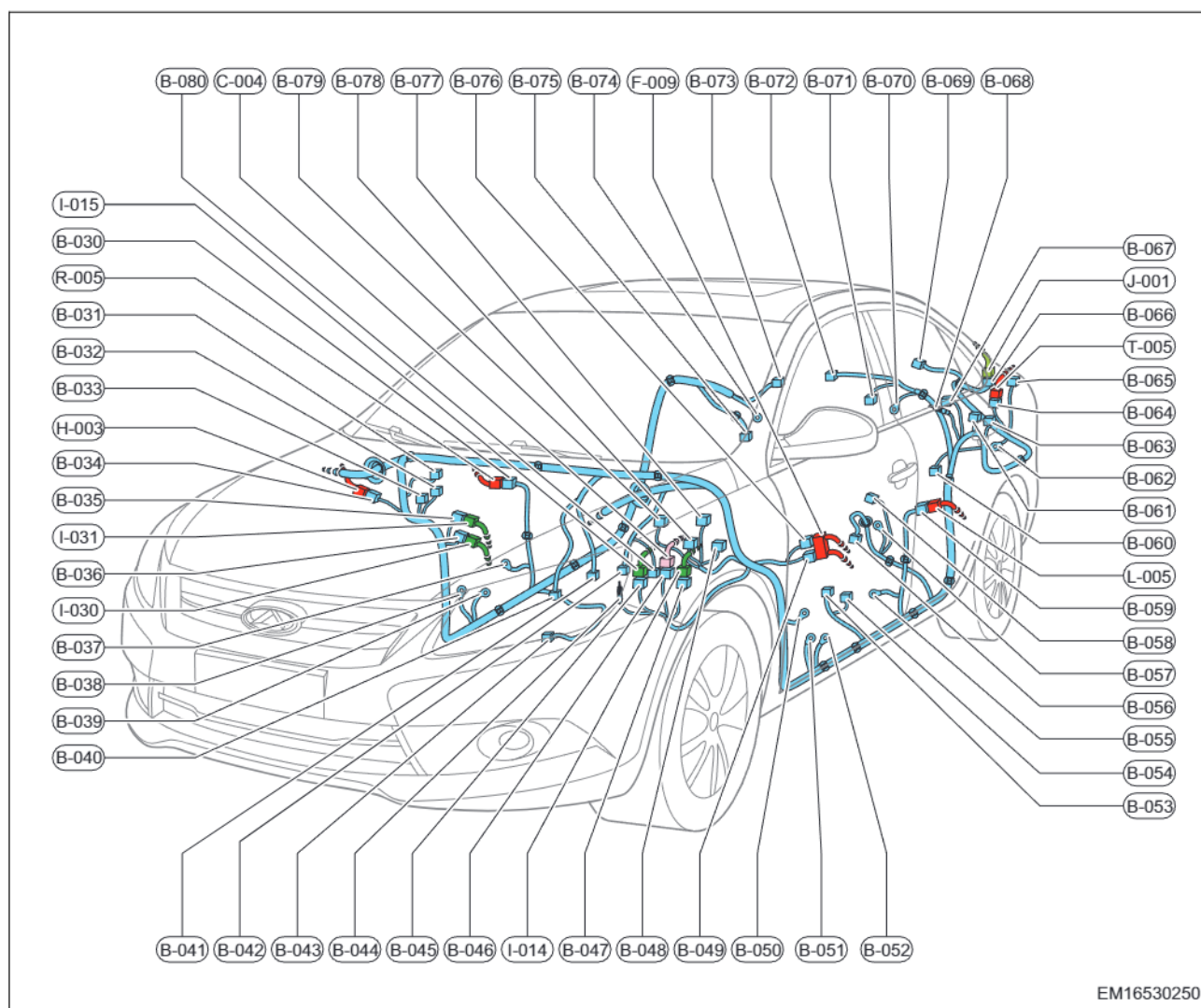
Connector Code	Connector Color/Terminal	Connector Name
I-049	B/10	Wiper and Washer Switch
I-050	B/3	Immobilizer Control Module (w/o PEPS)

Body Wire Harness



Connector Code	Connector Color/Terminal	Connector Name
B-001	B/2	Brake Fluid Level Sensor
B-002	B/64	ECM (2)
B-003	B/3	Secondary Shaft Speed Sensor (CVT)
B-004	B/2	Front Right Wheel Speed Sensor
B-005	B/4	Downstream Oxygen Sensor
B-006	B/2	Anti-theft Horn
B-007	-	Ground
B-008	B/4	A/C High/Low Pressure Switch
B-009	B/38	ESP (ABS)
B-010	W/3	Hood Contact Switch
B-011	-	Ground
B-012	B/2	Back-up Light Switch

Connector Code	Connector Color/Terminal	Connector Name
B-013	B/3	Primary Shaft Pressure Sensor (CVT)
B-014	B/10	Gear Range Switch (CVT)
B-015	Gr/10	Gearbox (CVT)
B-016	B/3	Primary Shaft Speed Sensor (CVT)
B-017	-	EPS Power Supply
B-018	-	Trunk Fuse and Relay Box Power Supply
B-019	W/10	Engine Compartment Fuse and Relay Box (D)
B-020	W/40	Engine Compartment Fuse and Relay Box (G)
B-021	Y/10	Engine Compartment Fuse and Relay Box (B)
B-022	W/24	Engine Compartment Fuse and Relay Box (F)
B-023	Y/2	Engine Compartment Fuse and Relay Box (J)
B-024	L/2	Engine Compartment Fuse and Relay Box (K)
B-025	-	BCM Power Supply
B-026	B/3	Secondary Shaft Pressure Sensor (CVT)
B-027	B/2	Front Left Wheel Speed Sensor
B-028	B/3	Turbine Speed Sensor (CVT)
B-029	B/4	Wiper Motor



EM16530250

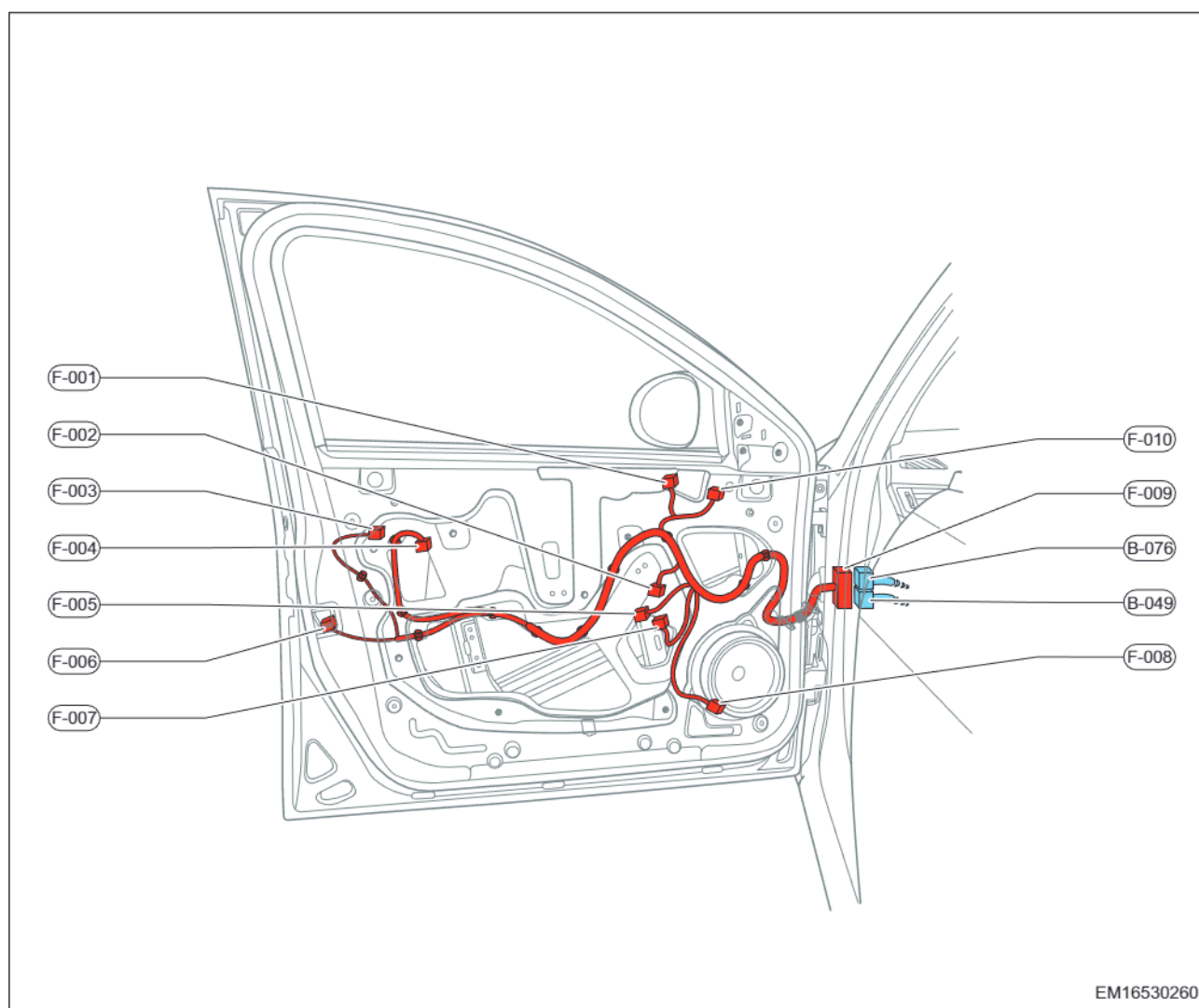
Connector Code	Connector Color/Terminal	Connector Name
B-030	Y/16	to Rear Right Door Wire Harness Connector R-005
B-031	B/56	TCU
B-032	B/8	PEPS (J3)
B-033	Gr/16	PEPS (J1)
B-034	Gr/18	to Front Right Door Wire Harness Connector H-003
B-035	W/18	to Instrument Panel Wire Harness Connector I-031
B-036	W/15	to Instrument Panel Wire Harness Connector I-030
B-037	-	Ground
B-038	-	Ground
B-039	-	Ground
B-040	B/6	Electronic Accelerator Pedal
B-041	B/4	Brake Switch
B-042	B/2	Clutch Switch (MT)

Connector Code	Connector Color/Terminal	Connector Name
B-043	Gr/11	Gear Shift Mechanism (CVT)
B-044	-	Antenna
B-045	B/26	to Instrument Panel Wire Harness Connector I-015
B-046	W/18	to Roof Wire Harness Connector C-004
B-047	W/15	to Instrument Panel Wire Harness Connector I-014
B-048	L/32	BCM (2)
B-049	W/18	to Front Left Door Wire Harness Connector F-009
B-050	-	Ground
B-051	-	Ground
B-052	-	Ground
B-053	Lg/4	Driver Seat Power Adjustment
B-054	B/2	Driver Seat Belt Switch
B-055	-	Ground
B-056	B/5	Fuel Pump Motor/Fuel Level Sensor
B-057	-	Ground
B-058	B/2	Low Frequency Antenna 3
B-059	Y/16	to Rear Left Door Wire Harness Connector L-005
B-060	B/2	Rear Left Wheel Speed Sensor
B-061	W/14	Trunk Fuse and Relay Box
B-062	-	Ground
B-063	B/2	Trunk Light
B-064	W/16	to Trunk Wire Harness Connector T-005
B-065	W/6	Rear Left Combination Light
B-066	B/6	to Rear Bumper Wire Harness Connector J-001
B-067	Lg/2	Antenna Amplifier
B-068	-	Antenna
B-069	B/2	Low Frequency Antenna 4
B-070	-	Ground
B-071	W/16	Reversing Radar Control Module
B-072	W/2	High Mounted Stop Light
B-073	W/6	Rear Right Combination Light
B-074	-	Ground
B-075	B/2	Rear Right Wheel Speed Sensor
B-076	Gr/18	to Front Left Door Wire Harness Connector F-009
B-077	W/26	BCM (3)
B-078	P/2	BCM (4)



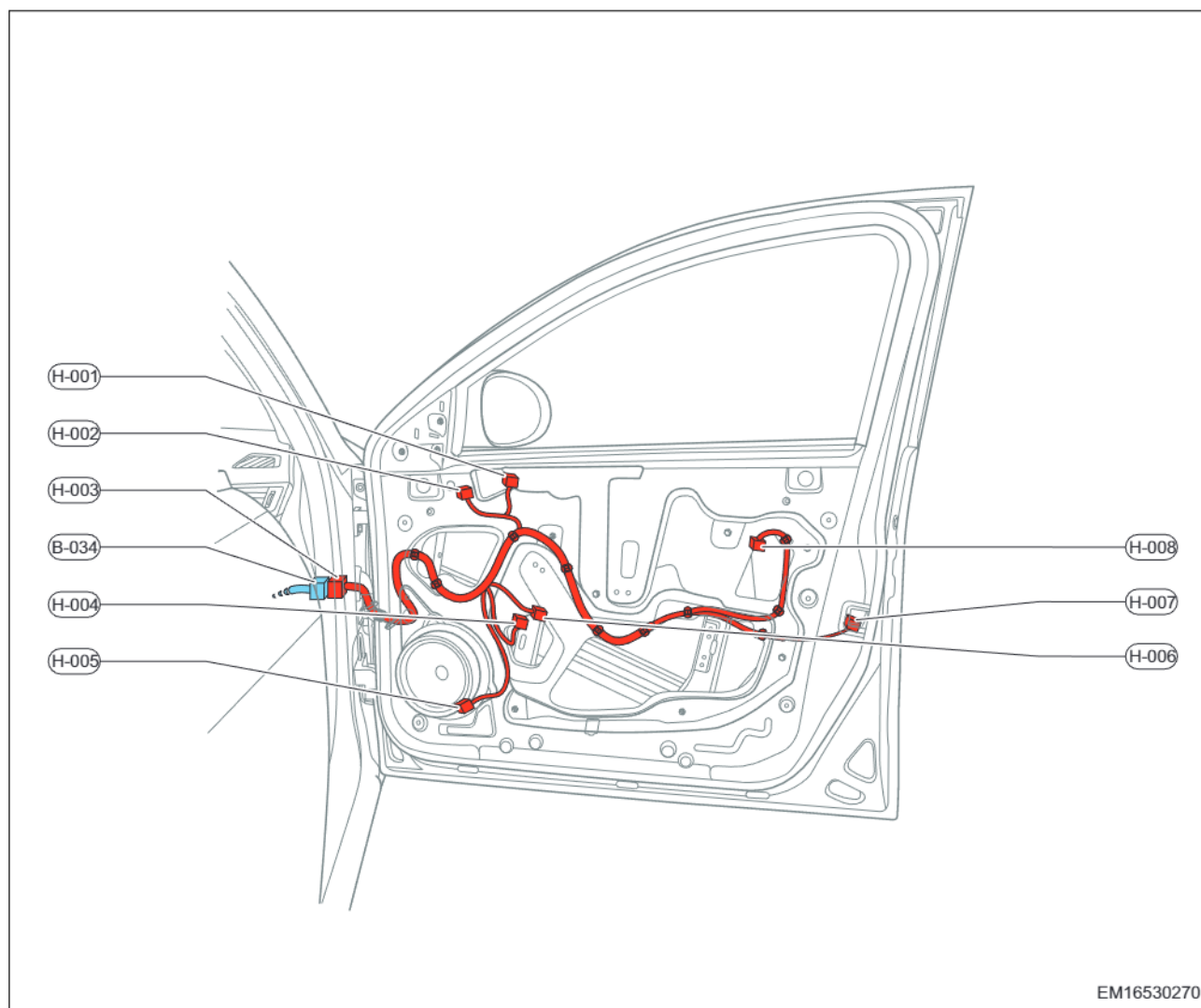
Connector Code	Connector Color/Terminal	Connector Name
B-079	L/2	EPS (A)
B-080	B/6	Clutch Bottom Switch (MT)

Front Left Door Wire Harness



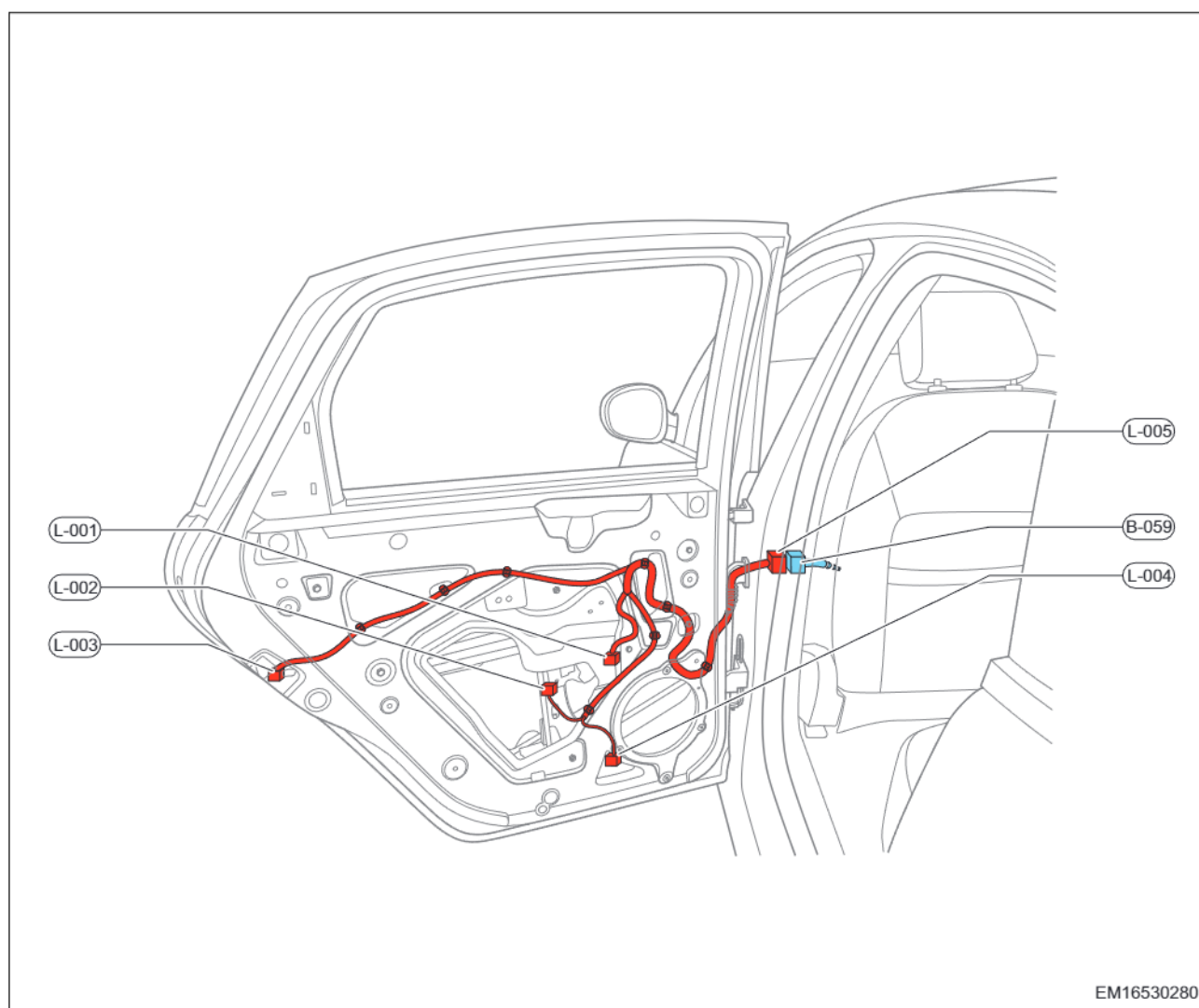
Connector Code	Connector Color/Terminal	Connector Name
F-001	B/2	Left Tweeter
F-002	B/10	Power Outside Rear View Mirror Switch
F-003	B/2	Front Left Door Handle Sensor
F-004	W/2	Anti-theft Indicator
F-005	Br/16	Front Left Power Window Switch
F-006	B/6	Front Left Door Lock Actuator
F-007	L/2	Front Left Power Window Regulator Motor
F-008	B/2	Front Left Door Speaker
F-009	W/36	to Body Wire Harness Connector B-076, B-049
F-010	W/6	Left Power Outside Rear View Mirror

Front Right Door Wire Harness



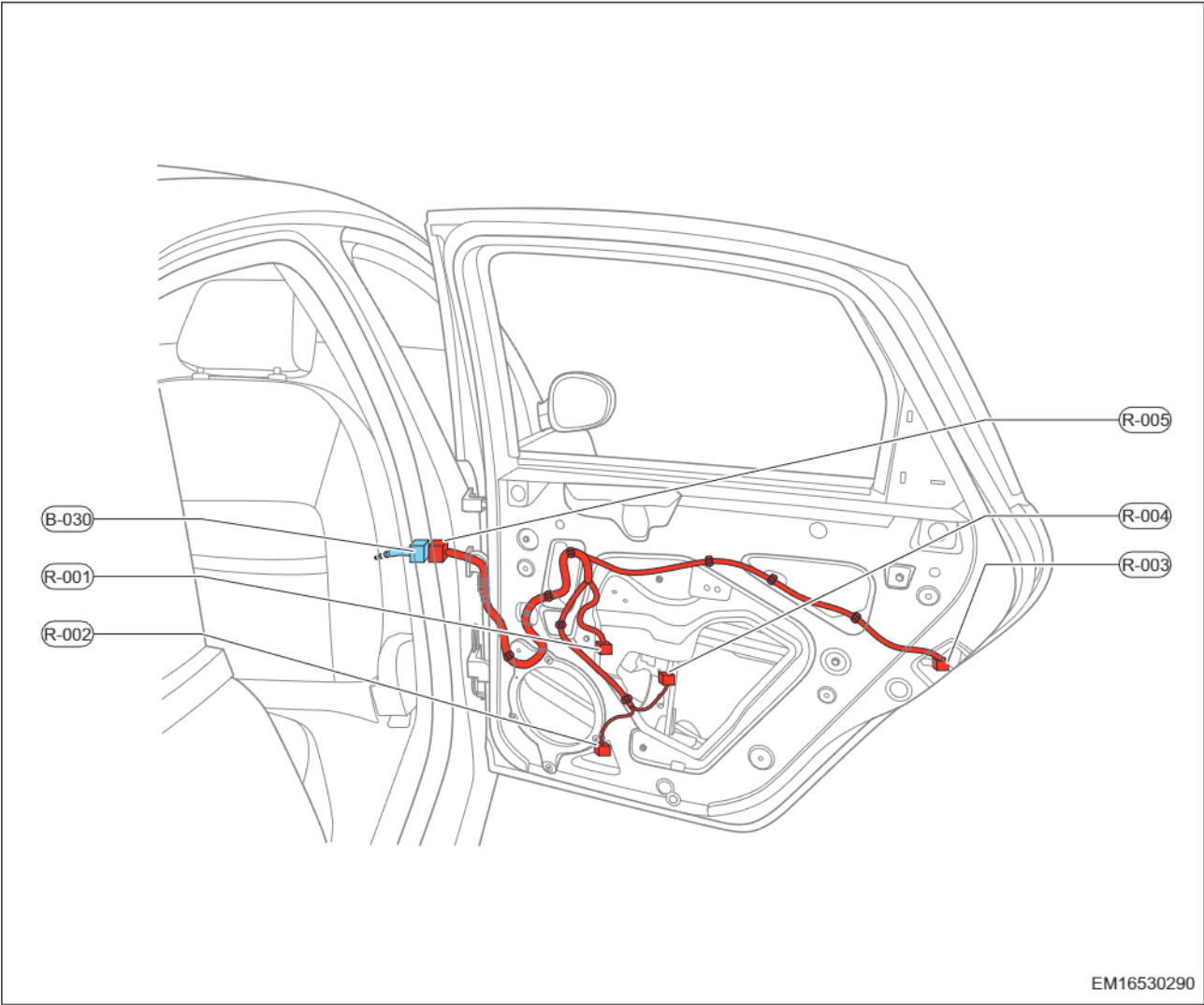
Connector Code	Connector Color/Terminal	Connector Name
H-001	B/2	Right Tweeter
H-002	W/6	Right Power Outside Rear View Mirror
H-003	W/36	to Body Wire Harness Connector B-034
H-004	L/2	Front Right Power Window Regulator Motor
H-005	B/2	Front Right Door Speaker
H-006	Br/10	Front Right Power Window Switch
H-007	B/6	Front Right Door Lock Actuator
H-008	B/2	Front Right Door Handle Sensor

Rear Left Door Wire Harness



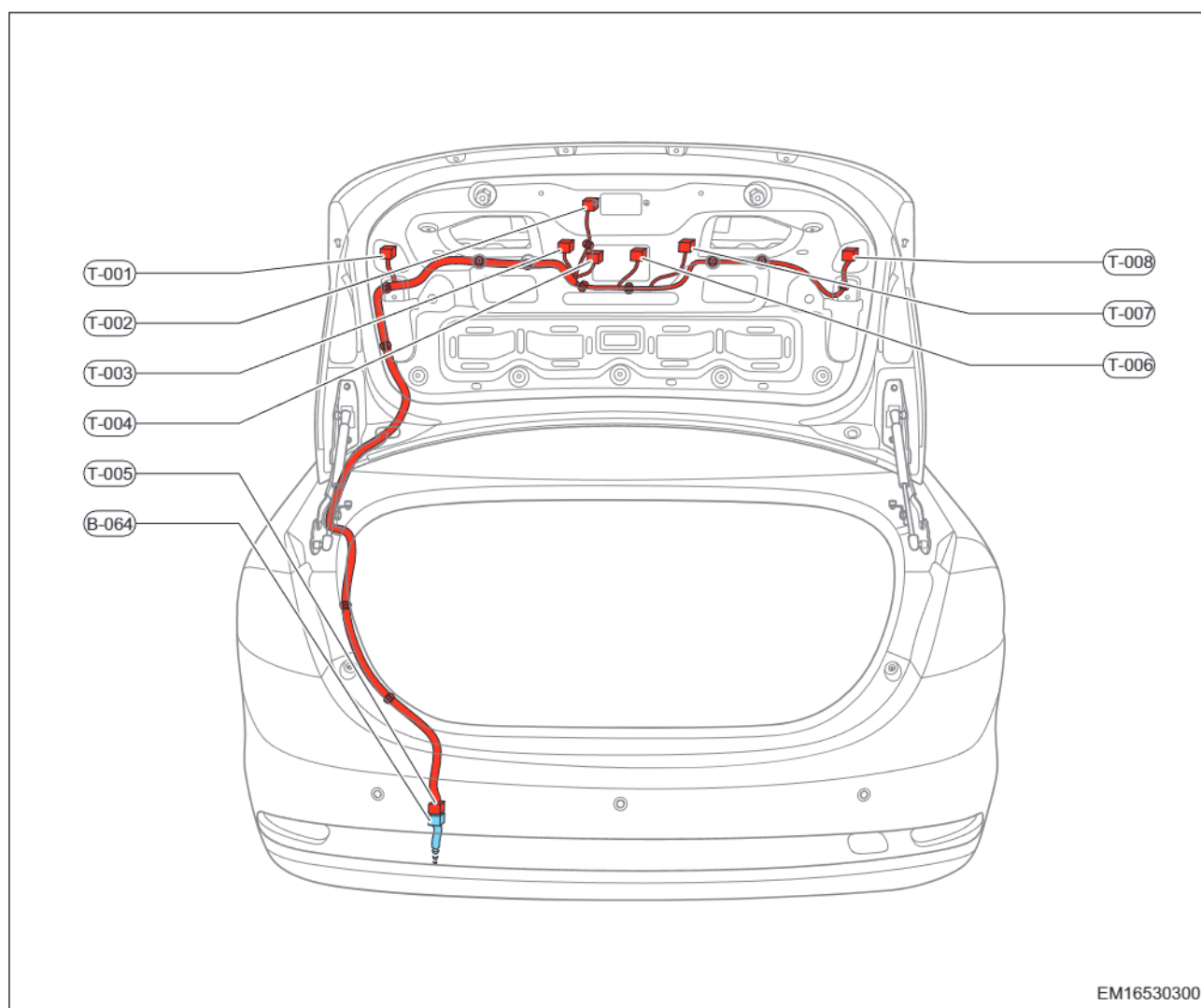
Connector Code	Connector Color/Terminal	Connector Name
L-001	B/10	Rear Left Power Window Switch
L-002	Gr/2	Rear Left Power Window Regulator Motor
L-003	B/6	Rear Left Door Lock Actuator
L-004	B/2	Rear Left Door Speaker
L-005	W/16	to Body Wire Harness Connector B-059

Rear Right Door Wire Harness



Connector Code	Connector Color/Terminal	Connector Name
R-001	B/10	Rear Right Power Window Switch
R-002	B/2	Rear Right Door Speaker
R-003	B/6	Rear Right Door Lock Actuator
R-004	Gr/2	Rear Right Power Window Regulator Motor
R-005	W/16	to Body Wire Harness Connector B-030

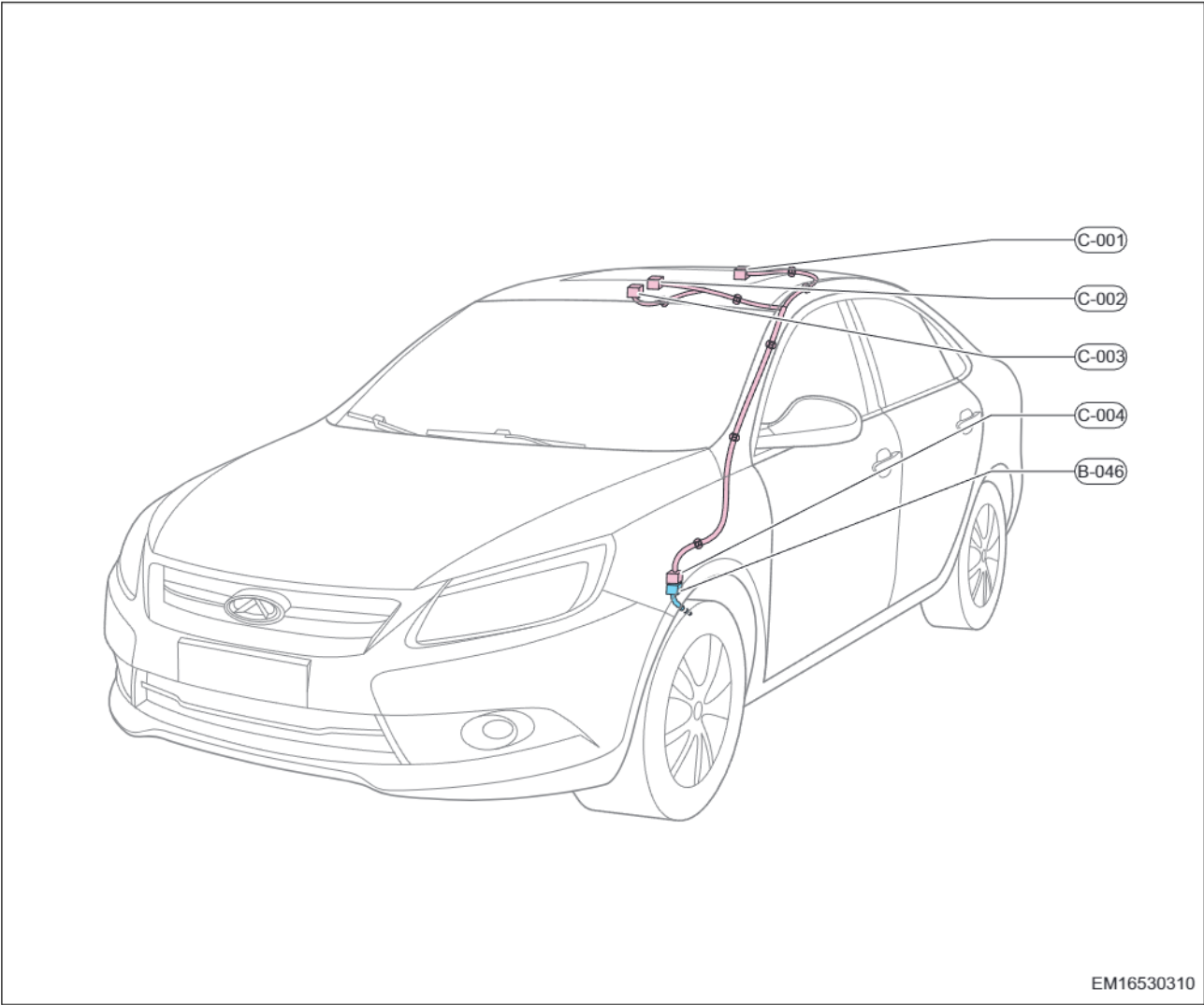
Trunk Wire Harness



EM16530300

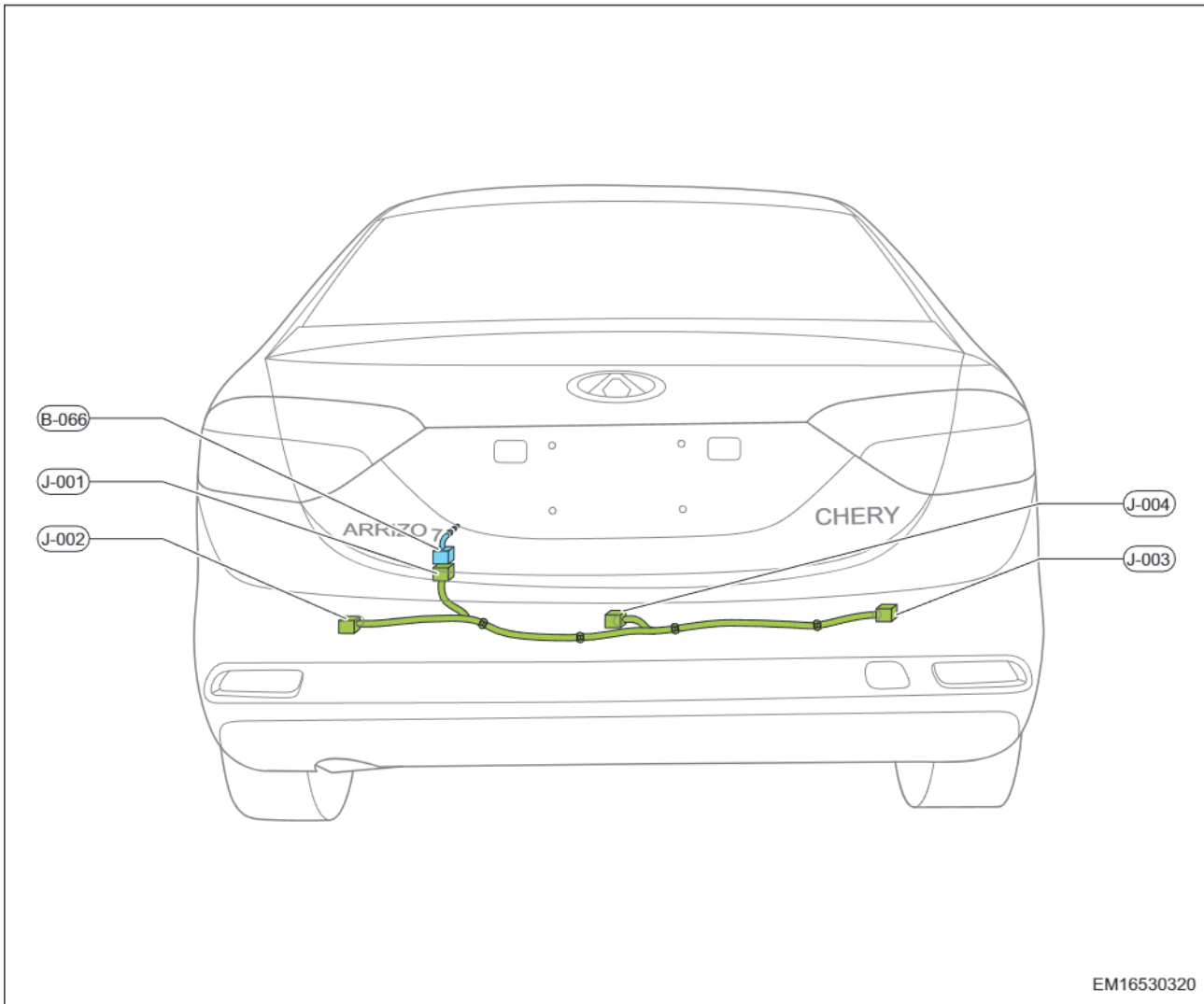
Connector Code	Connector Color/Terminal	Connector Name
T-001	W/6	Rear Left Combination Light
T-002	B/4	Trunk Lock Actuator
T-003	B/2	Left License Plate Light
T-004	B/4	Camera
T-005	W/16	to Body Wire Harness Connector B-064
T-006	B/2	Trunk Opener
T-007	B/2	Right License Plate Light
T-008	W/6	Rear Right Combination Light

Roof Wire Harness



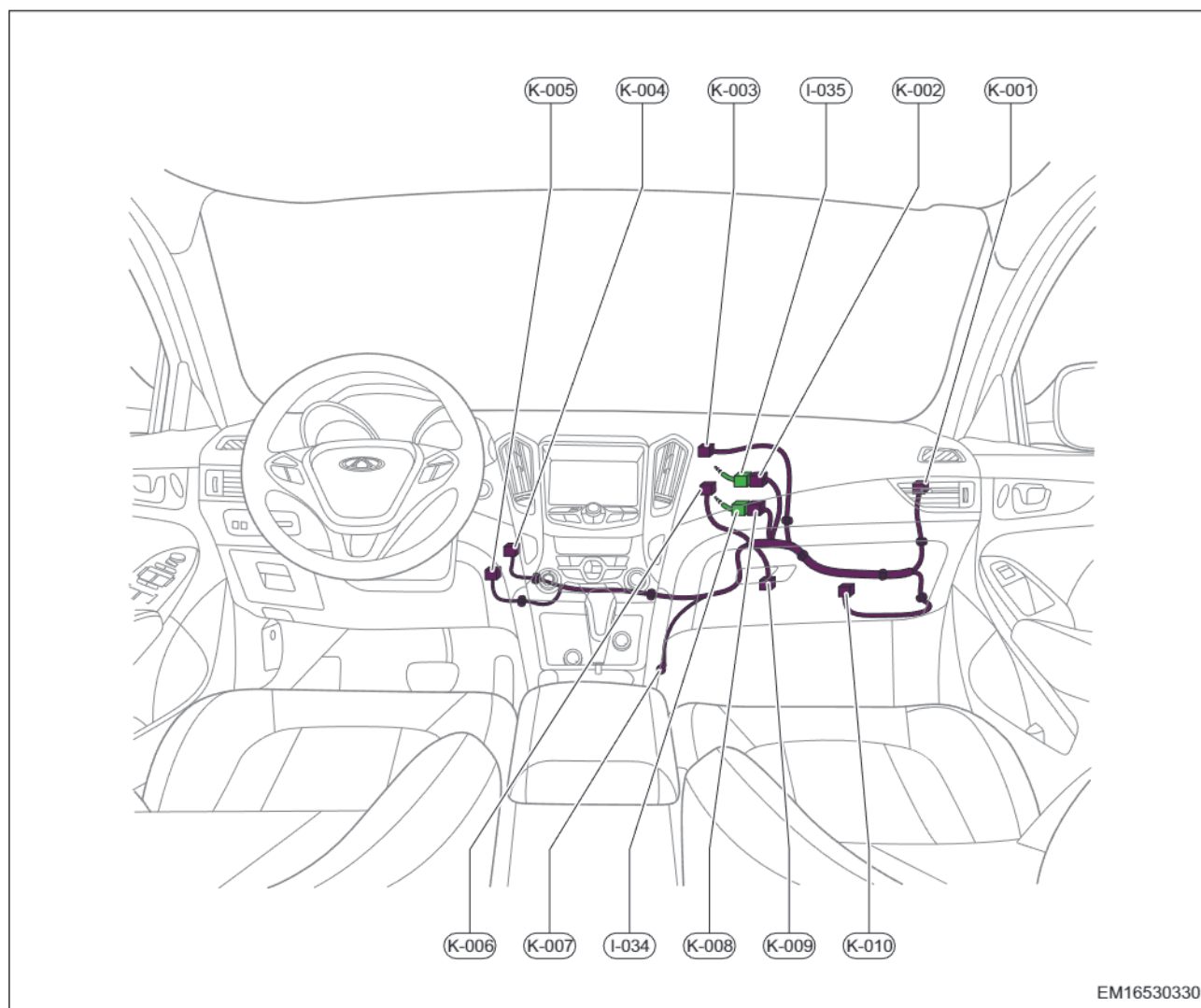
Connector Code	Connector Color/Terminal	Connector Name
C-001	W/6	Rear Dome Light
C-002	W/8	Sliding Roof Motor
C-003	W/8	Front Dome Light
C-004	W/18	to Body Wire Harness Connector B-046

Rear Bumper Wire Harness



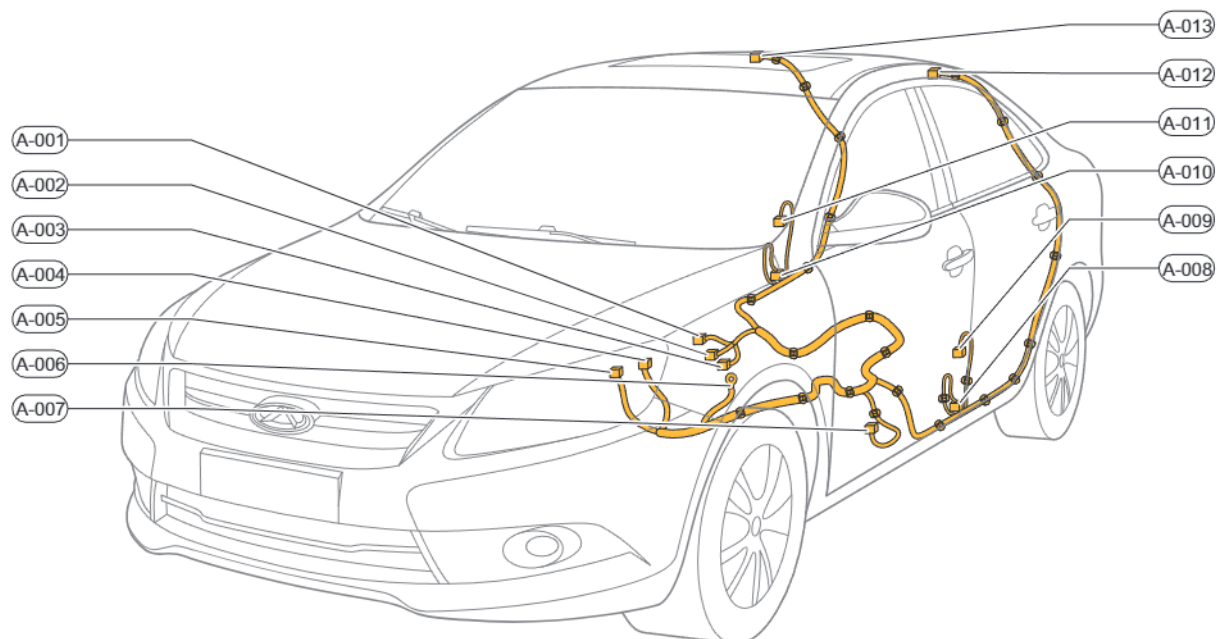
Connector Code	Connector Color/Terminal	Connector Name
J-001	B/6	to Body Wire Harness Connector B-066
J-002	B/2	Left Radar Sensor
J-003	B/2	Right Radar Sensor
J-004	B/2	Left Center Radar Sensor

A/C Wire Harness



Connector Code	Connector Color/Terminal	Connector Name
K-001	L/6	Inner and Outer Circulation Motor
K-002	W/12	to Instrument Panel Wire Harness Connector I-035 (for Automatic A/C)
K-003	L/6	Mode Damper Motor
K-004	W/2	Inside Temperature Sensor (for Automatic A/C)
K-005	L/6	Mixed Damper Motor
K-006	W/2	Evaporator Temperature Sensor
K-007	-	Ground
K-008	W/15	to Instrument Panel Wire Harness Connector I-034
K-009	W/4	Speed Resistor
K-010	B/2	Blower

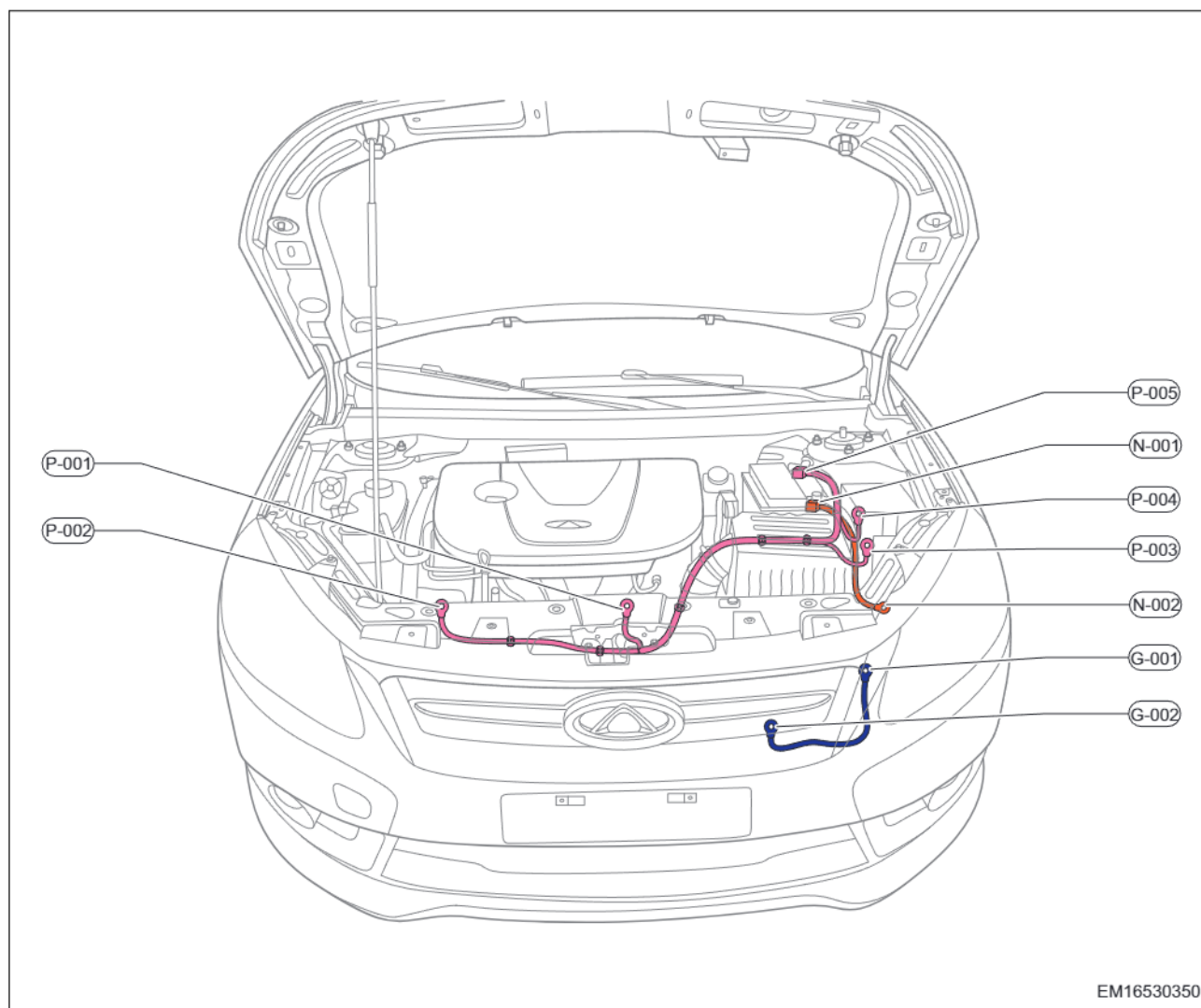
Airbag Wire Harness



EM16530340

Connector Code	Connector Color/Terminal	Connector Name
A-001	B/2	Front Passenger Seat Belt Reminder Sensor
A-002	Y/2	Front Passenger Side Airbag
A-003	W/2	Front Passenger Seat Belt Switch
A-004	Y/28	SRS Control Module (B)
A-005	Y/22	SRS Control Module (A)
A-006	-	Ground
A-007	Y/2	Driver Side Airbag
A-008	Y/2	Left Side Collision Sensor
A-009	Y/2	Driver Seat Belt Pretensioner
A-010	Y/2	Right Side Collision Sensor
A-011	Y/2	Front Passenger Seat Belt Pretensioner
A-012	Gr/2	Left Curtain Shield Airbag
A-013	Gr/2	Right Curtain Shield Airbag

Battery Positive/Negative/Ground Wire Harness



Connector Code	Connector Color/Terminal	Connector Name
P-001	-	Starter
P-002	-	Alternator
P-003	-	Alternator Power Supply
P-004	-	Engine Compartment Fuse and Relay Box Power Supply
P-005	-	Battery Positive Post
N-001	-	Battery Negative Post
N-002	-	Body Ground
G-001	-	Body Ground
G-002	-	Engine Ground

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