

WIRE HARNESS

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WIRE HARNESS INFORMATION

General Information

Description

Wire harness information contains basic introductions 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 the corresponding systems.

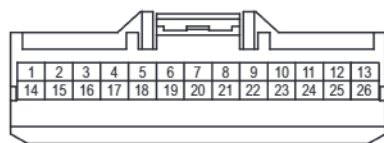
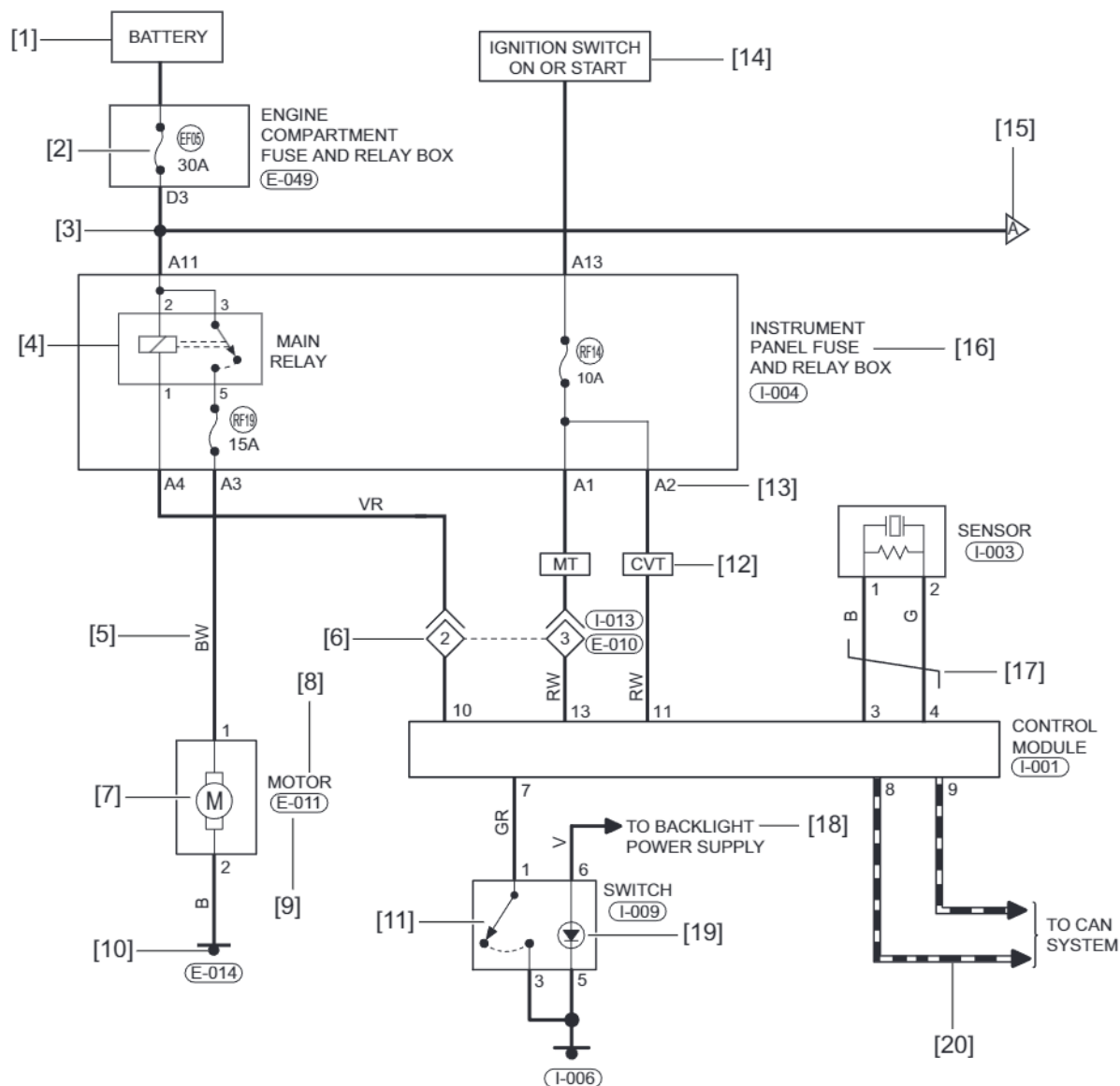
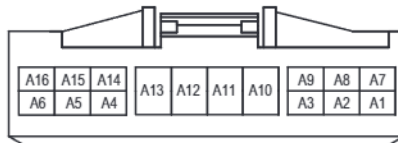
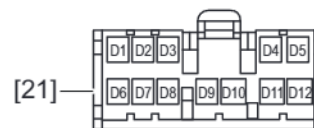
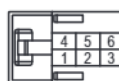
Chery automobile offers related circuit diagram information of the vehicle electrical equipment to help technicians determine and detect the vehicle malfunction effectively.

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

I-001
WI-004
WE-049
WI-013
WE-011
GrI-009
WI-003
W

ET21020000

The following is a list of 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 the 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" indicate the terminal numbers of the 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 the wire color, and the second color is red.
[6]	Connector	It indicates the junction connectors. "Λ" is the female connector, and "I-013" is the applicable number; "◇" is the male connector, and "E-010" is the applicable number. The number "2" and "3" inside the male connector indicates the 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 the component.

No.	Definition	Description
[9]	Connector No.	"E-011" indicates the connector number 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 Compartment Wire Harness; E = Engine 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 = Back Door Wire Harness; P = Battery Wire Harness; U = Automatic Transmission Wire Harness (For CVT); N = Ground Wire Harness; K = A/C Wire Harness.
[10]	Ground Point	It indicates the 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 the next page.
[16]	Fuse and Relay Box Name	It indicates the name of the fuse and relay box.
[17]	Twisted-pair	It indicates that two wires are twisted.
[18]	Backlight Power Supply	It indicates the illumination power supply output from backlight adjustment dial.
[19]	LED	It is used for indicators, warning lights or illuminations in the switches or instrument cluster.
[20]	CAN	It indicates CAN wire in the electrical schematics. It is connected to CAN system.
[21]	Connector View	It indicates the cross section of connector and description of terminal number.
[22]	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 the non-original components added to the 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 the electrical equipment and 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 the circuit continuity (low resistance means there is good continuity in the circuit).

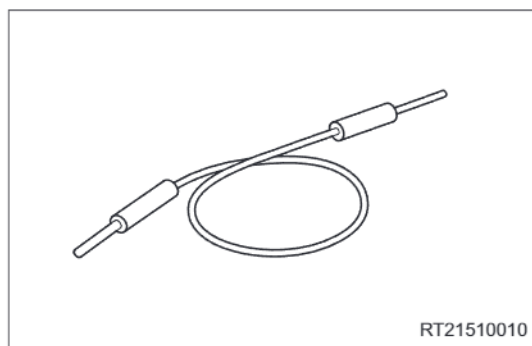
Short Circuit Test

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 shorted 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 the switch.

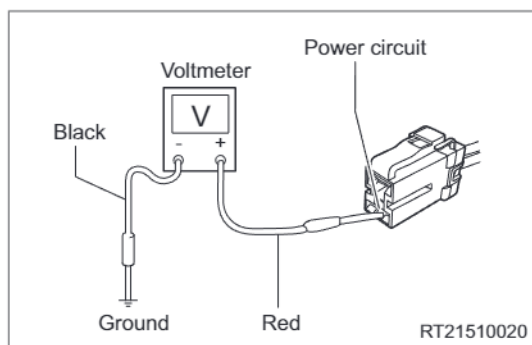


CAUTION

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

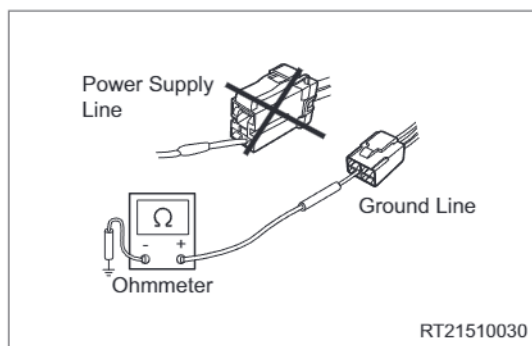
2. Voltmeter

Voltmeter is used to measure circuit voltage. The measurement range should be higher than 15 V. Measure the 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 an open or short.



CAUTION

- DO NOT connect ohmmeter to the 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.

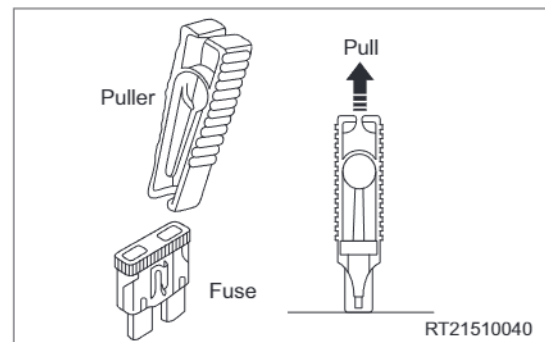
1. Peel off 0.5 inch insulating layer from the lead to be repaired and the substitute lead.
2. Connect the original lead to the substitute lead with the heat shrink tube and compress the metal core of heat shrink tube with a tool, so that the original lead and the substitute lead can be connected firmly.
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 the fuse with higher amperes.

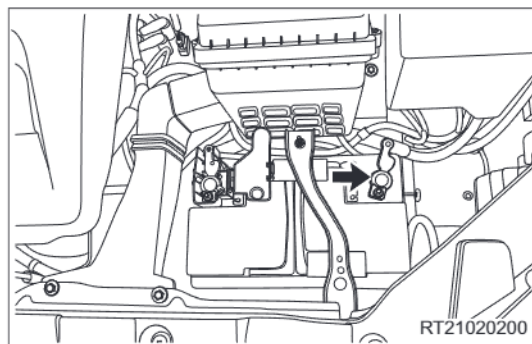
1. Turn off all the electrical equipment and ignition switch before servicing.
2. Remove the blown fuse with a fuse puller.
3. Replace the fuse with a new one which has the same specification.



Electrical Components

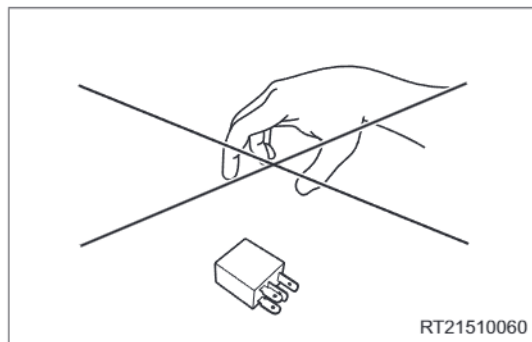
1. Battery cable

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.



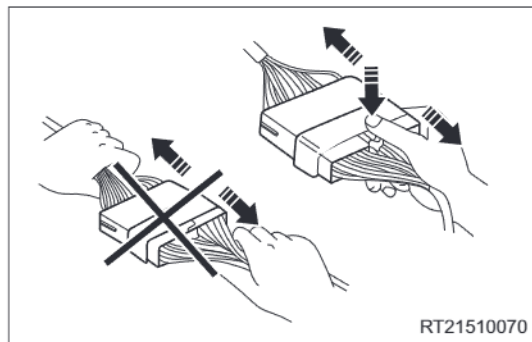
CAUTION

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

3. Connector

a. Disconnect the connector.

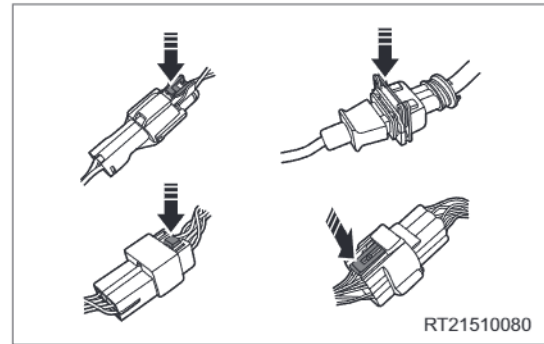
Hold the connector by hand and press the connector clip to disconnect it.



CAUTION

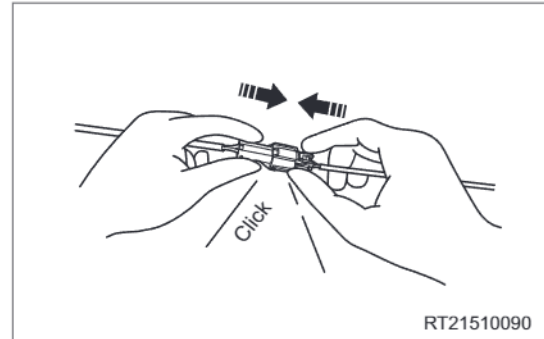
- DO NOT pull the wire harness forcibly to avoid damaging components when disconnecting the connector.

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



b. Install the connector.

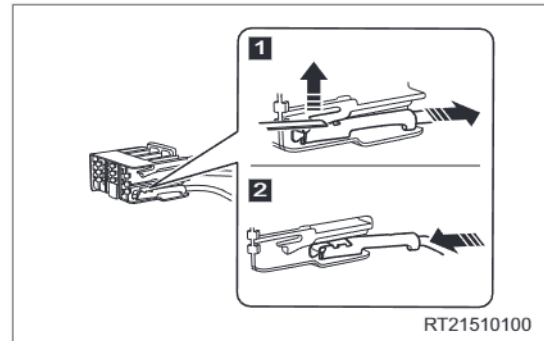
A "click" can be heard when the connector is installed in place.



c. Replace the connector terminal.

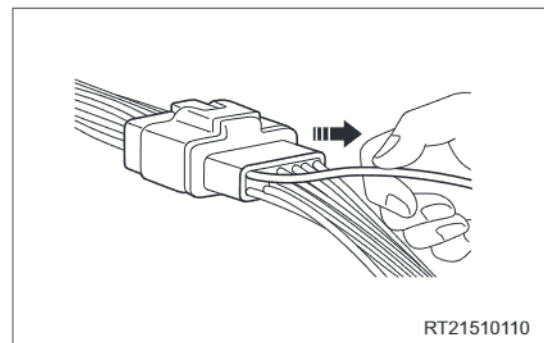
As shown in the illustration (1), insert a suitable tool into the terminal to lift up the fixing clip, and then pull out the terminal from behind.

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 wire harness terminal 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.

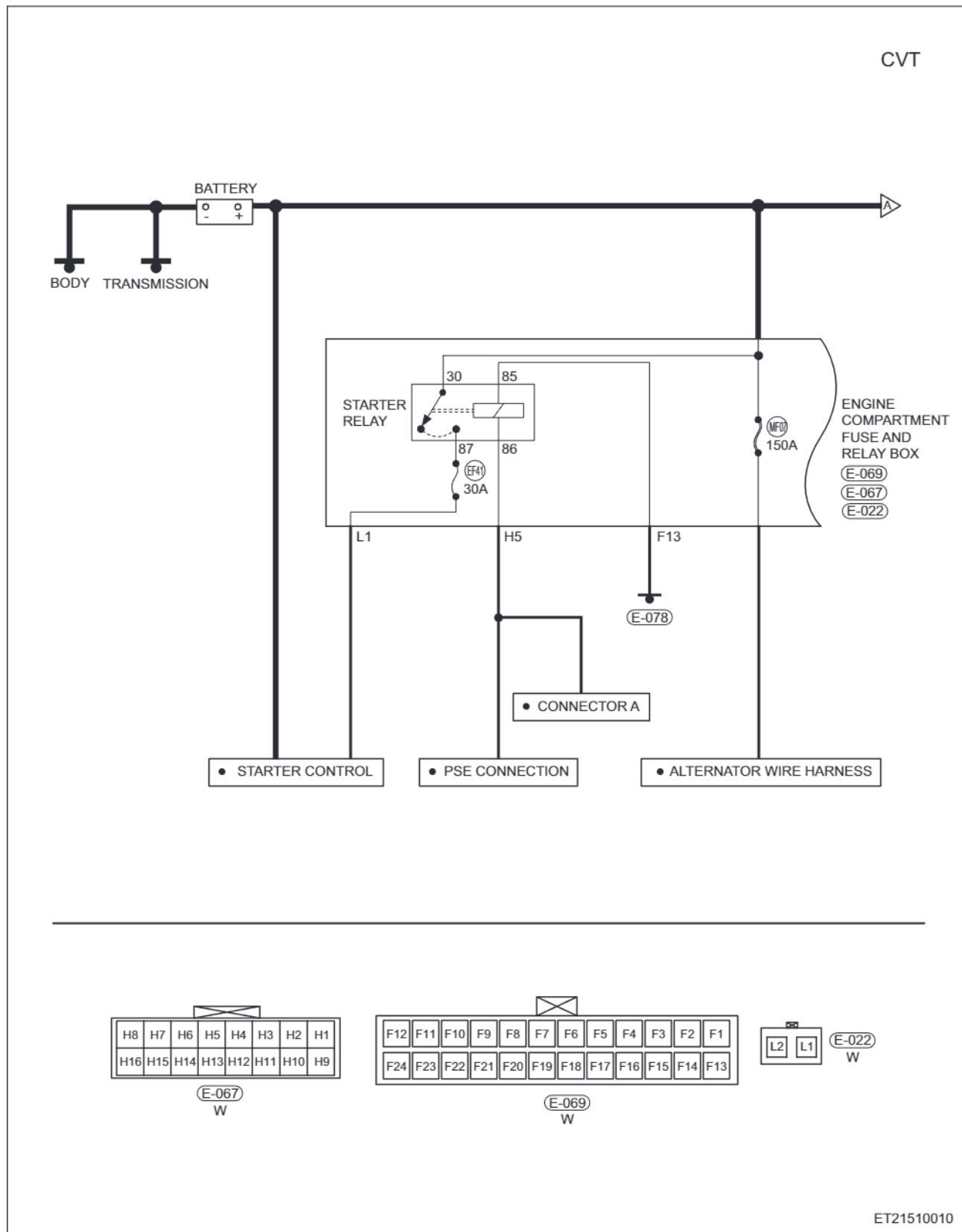
Power distribution system consists of the following components:

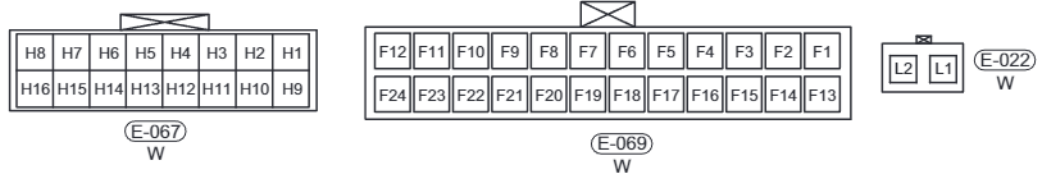
- Battery
- Engine compartment fuse and relay box
- Instrument panel fuse and relay box
- Ignition switch
- Fuse
- Relay

Circuit Diagram

Circuit Distribution

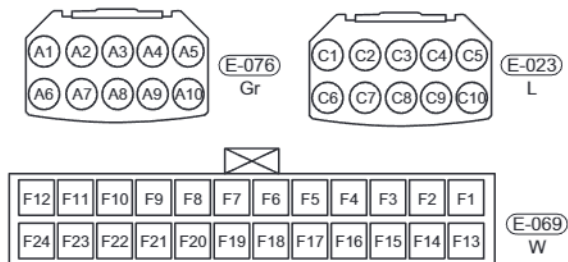
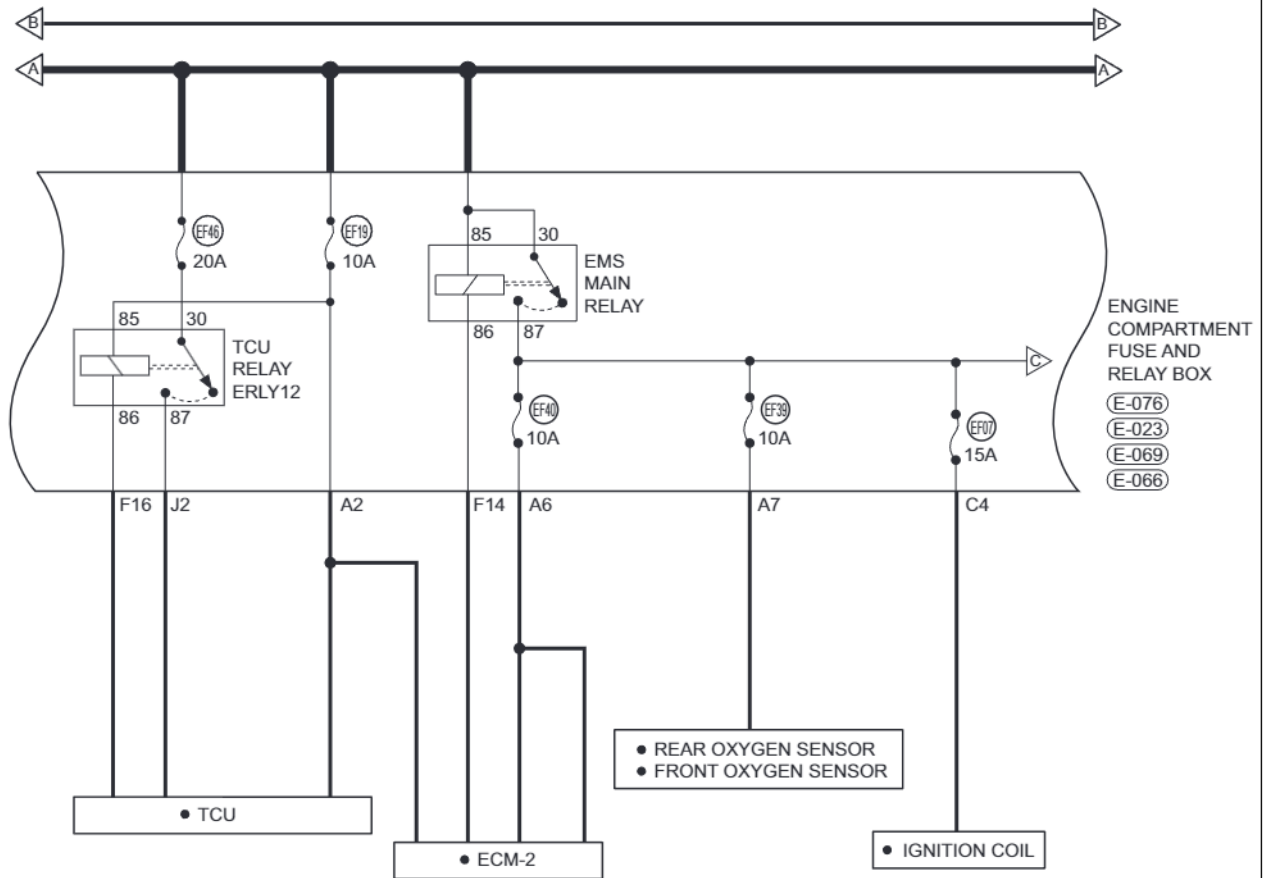
Power Distribution (Page 1 of 13)





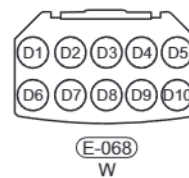
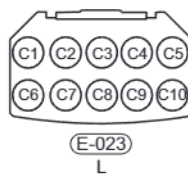
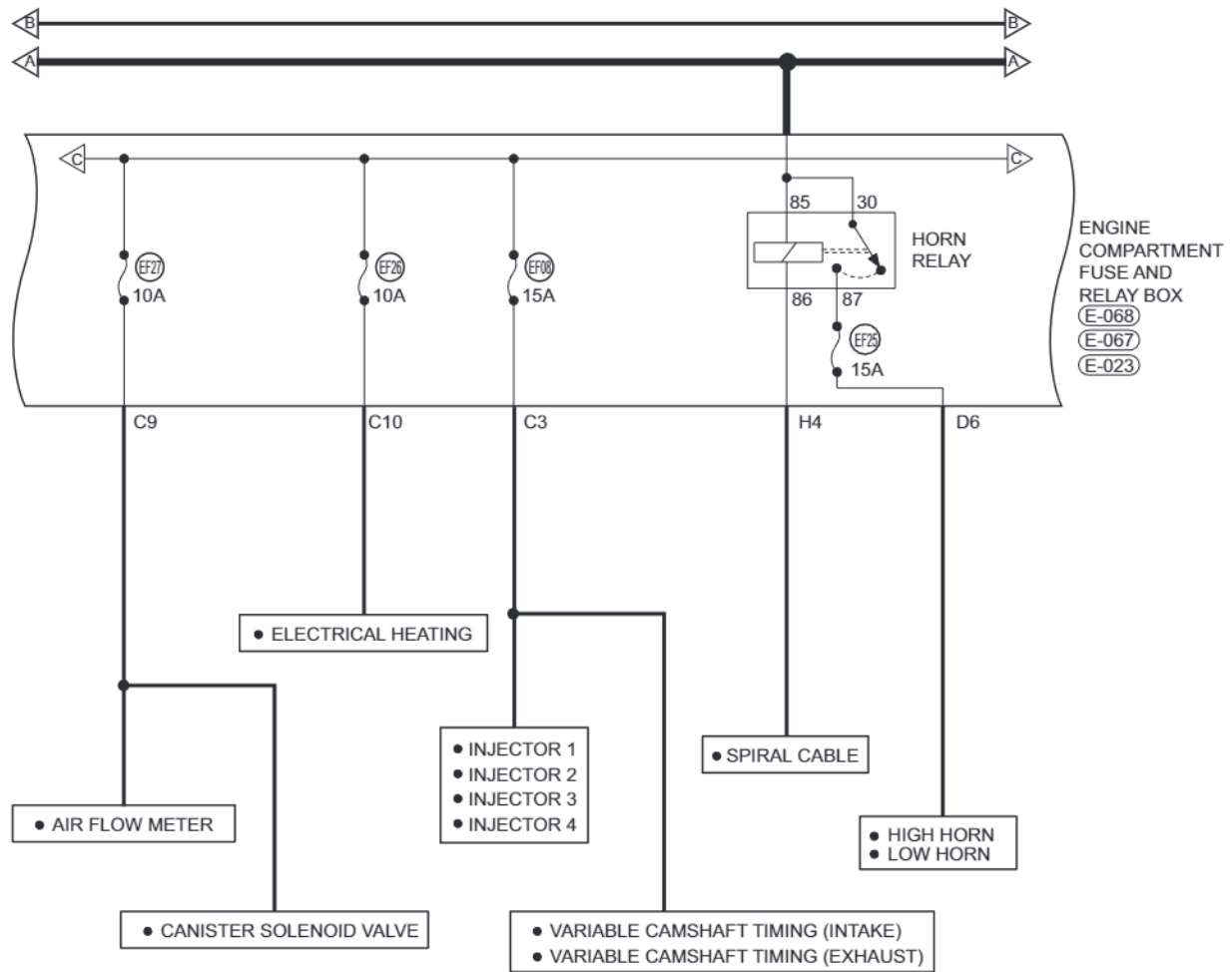
51

Power Distribution (Page 3 of 13)

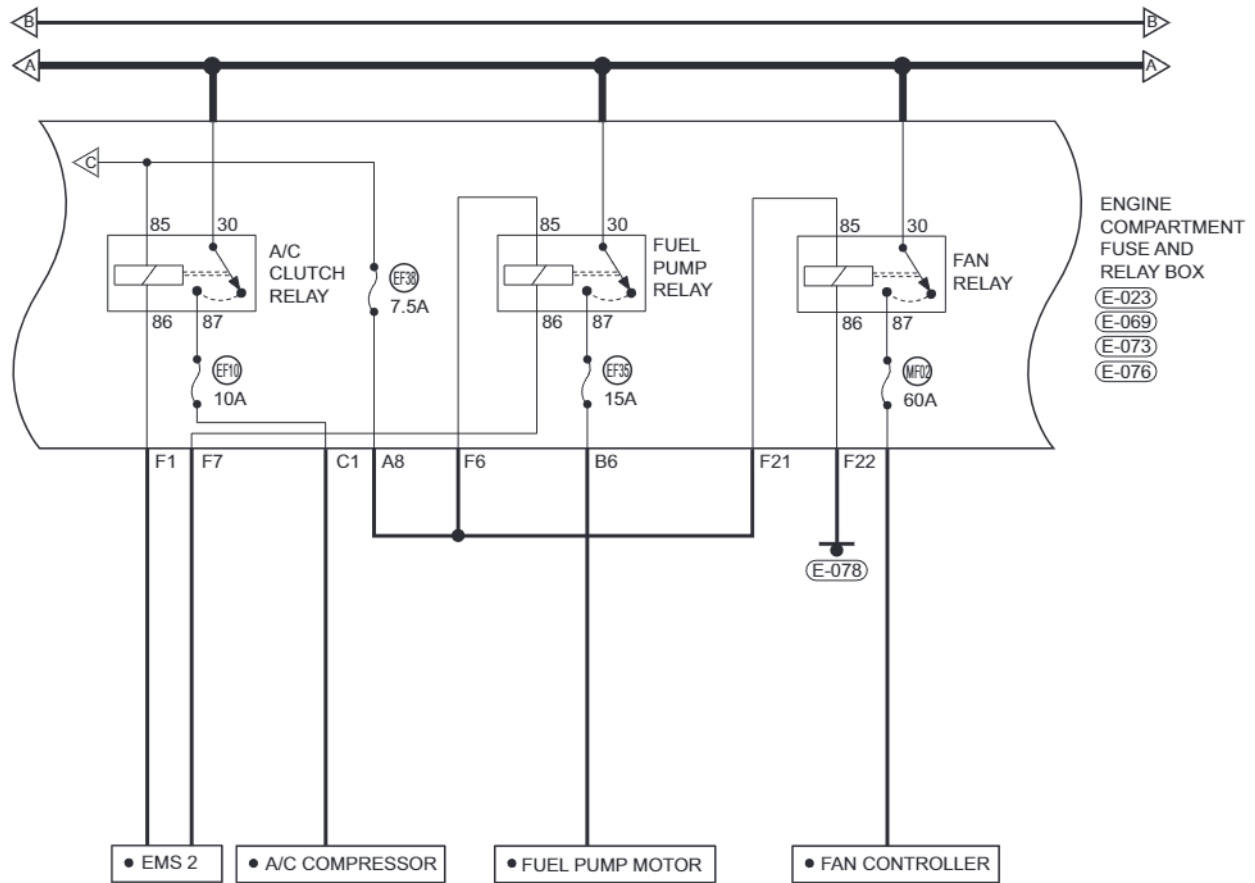
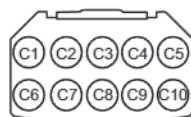
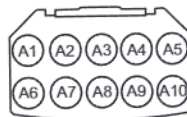
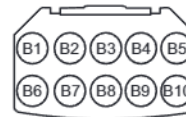


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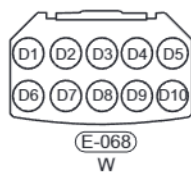
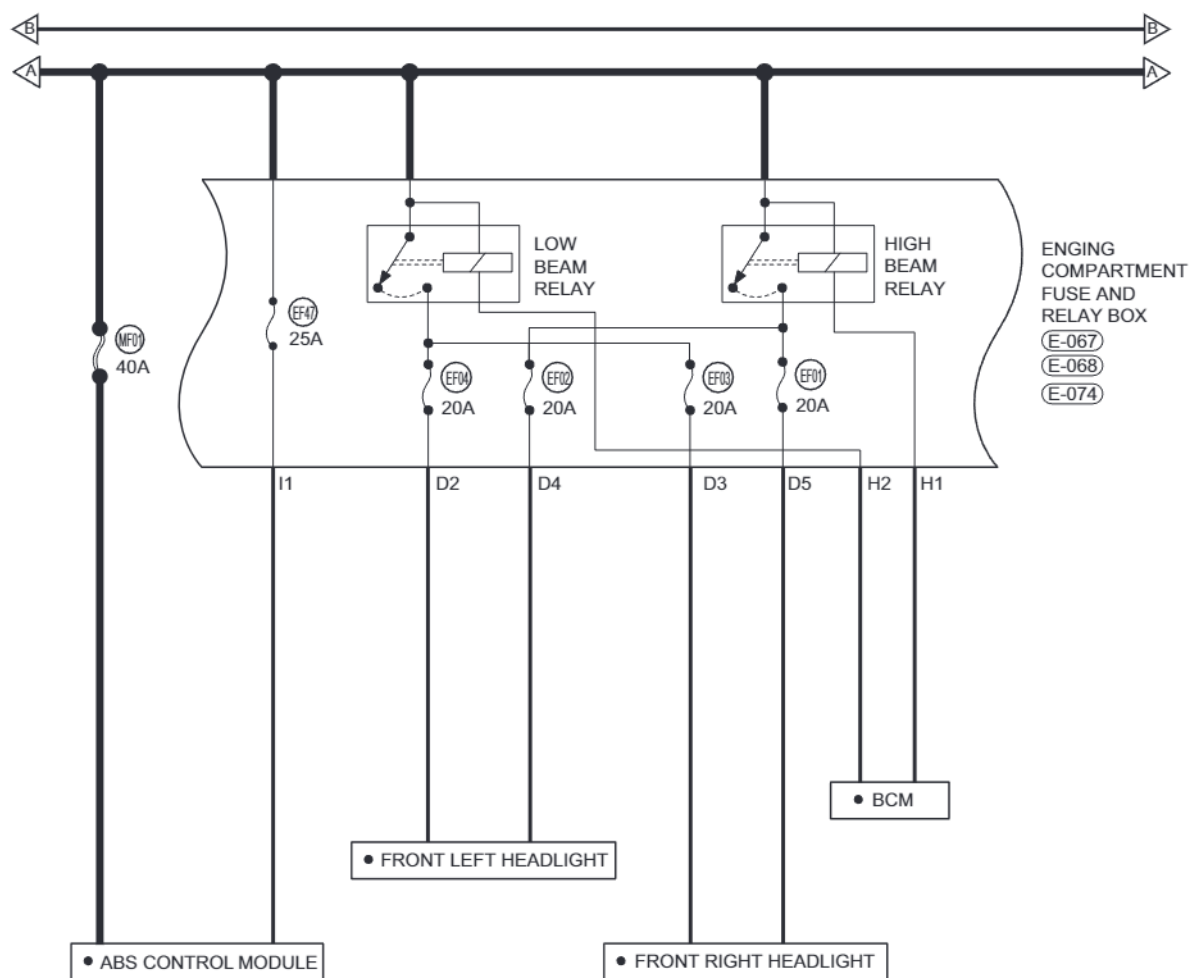


Power Distribution (Page 5 of 13)

(E-069)
W(E-023)
L(E-076)
Gr(E-073)
Y

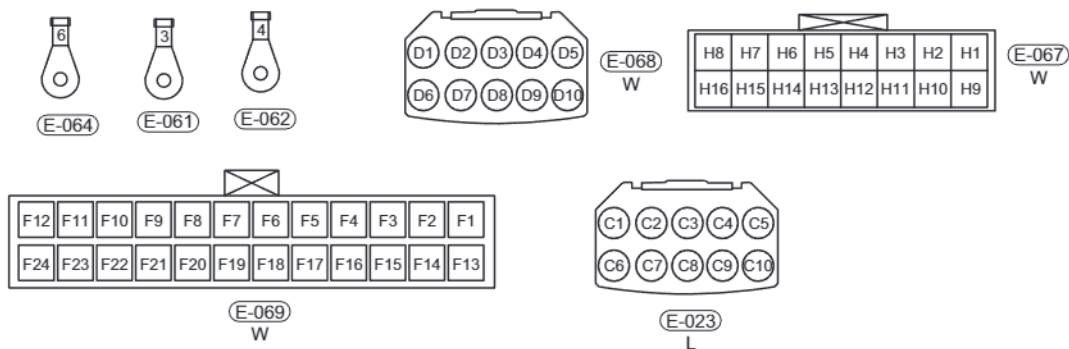
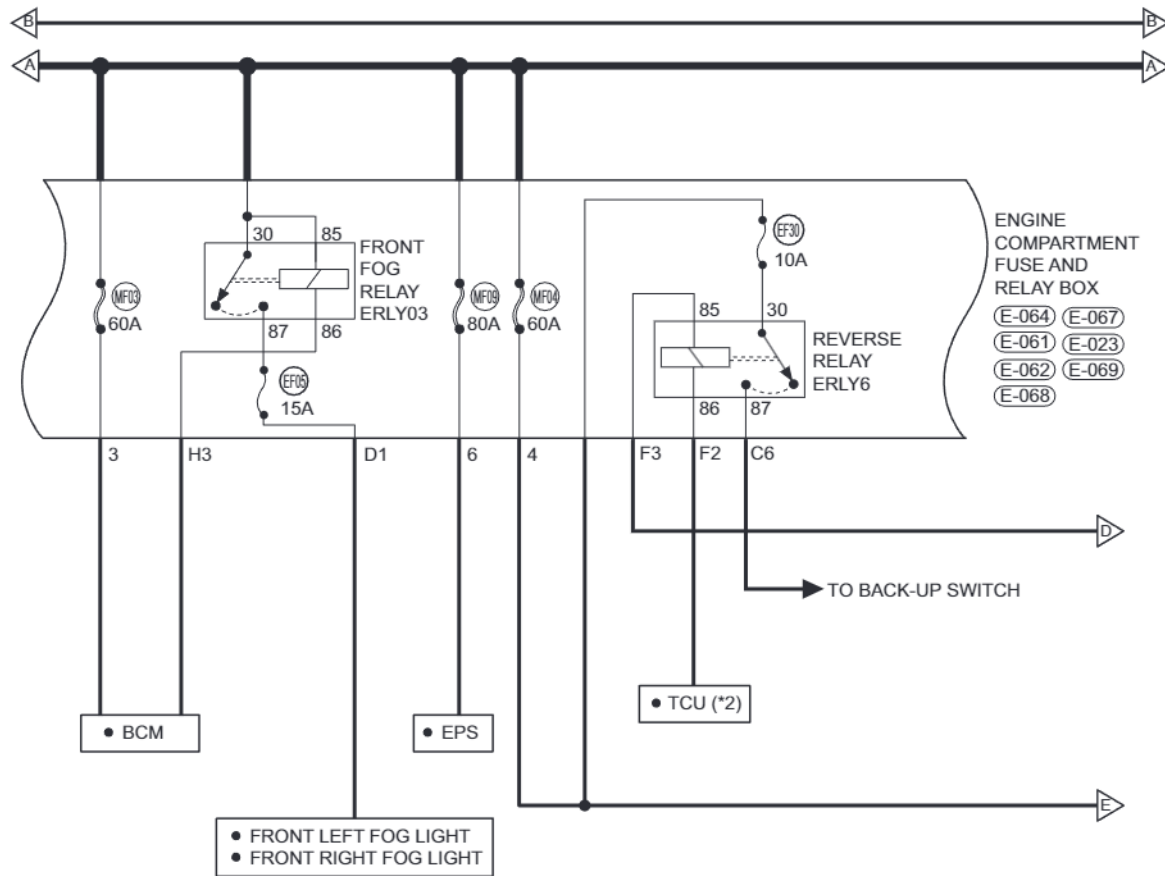
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Power Distribution (Page 6 of 13)



Power Distribution (Page 7 of 13)

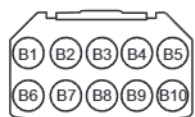
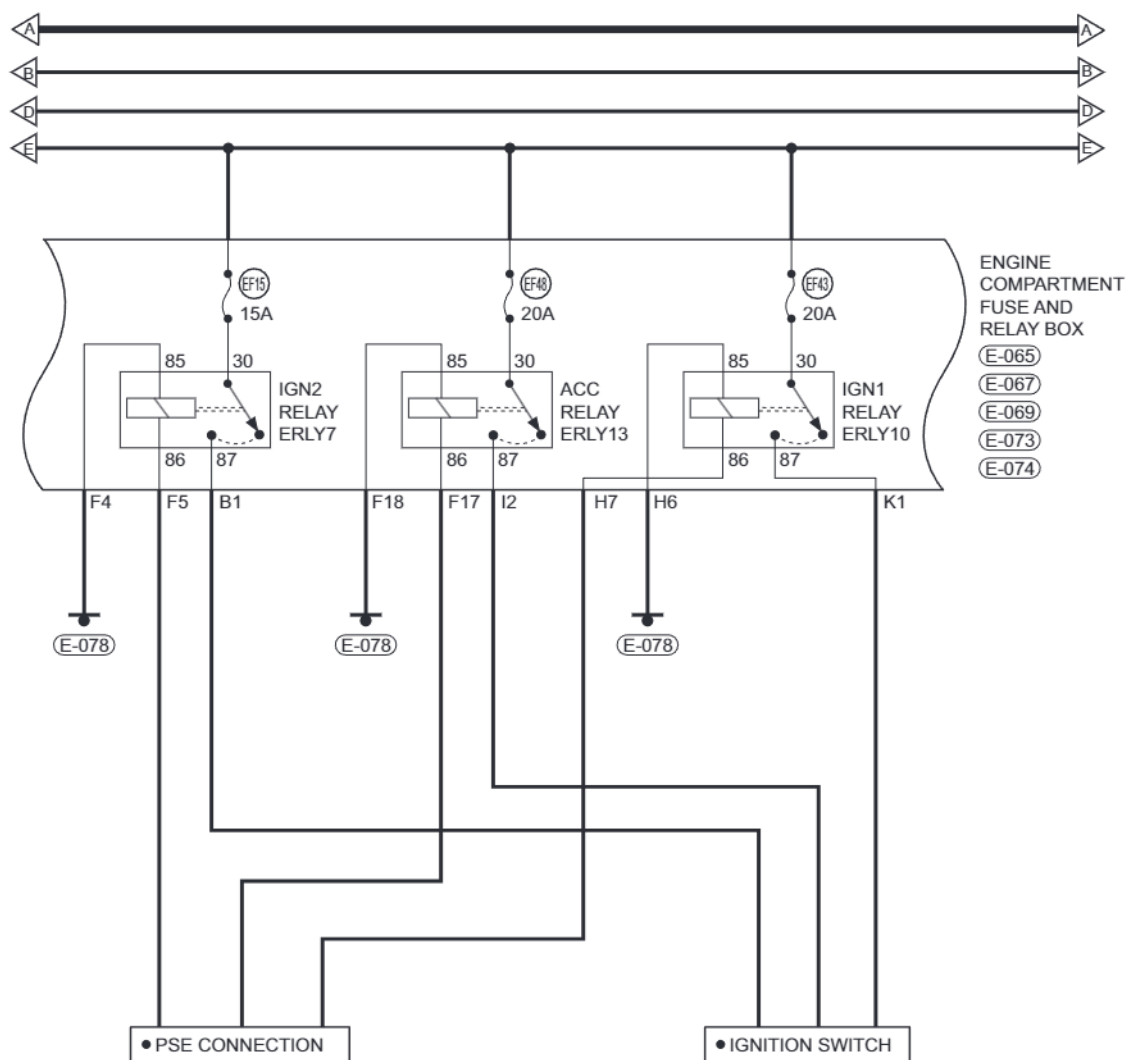
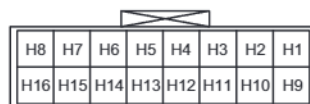
MT : *1
CVT : *2



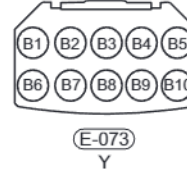
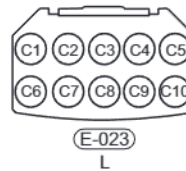
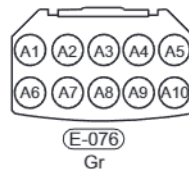
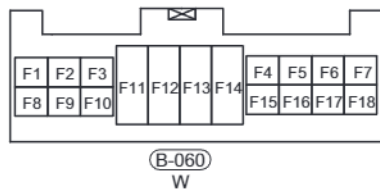
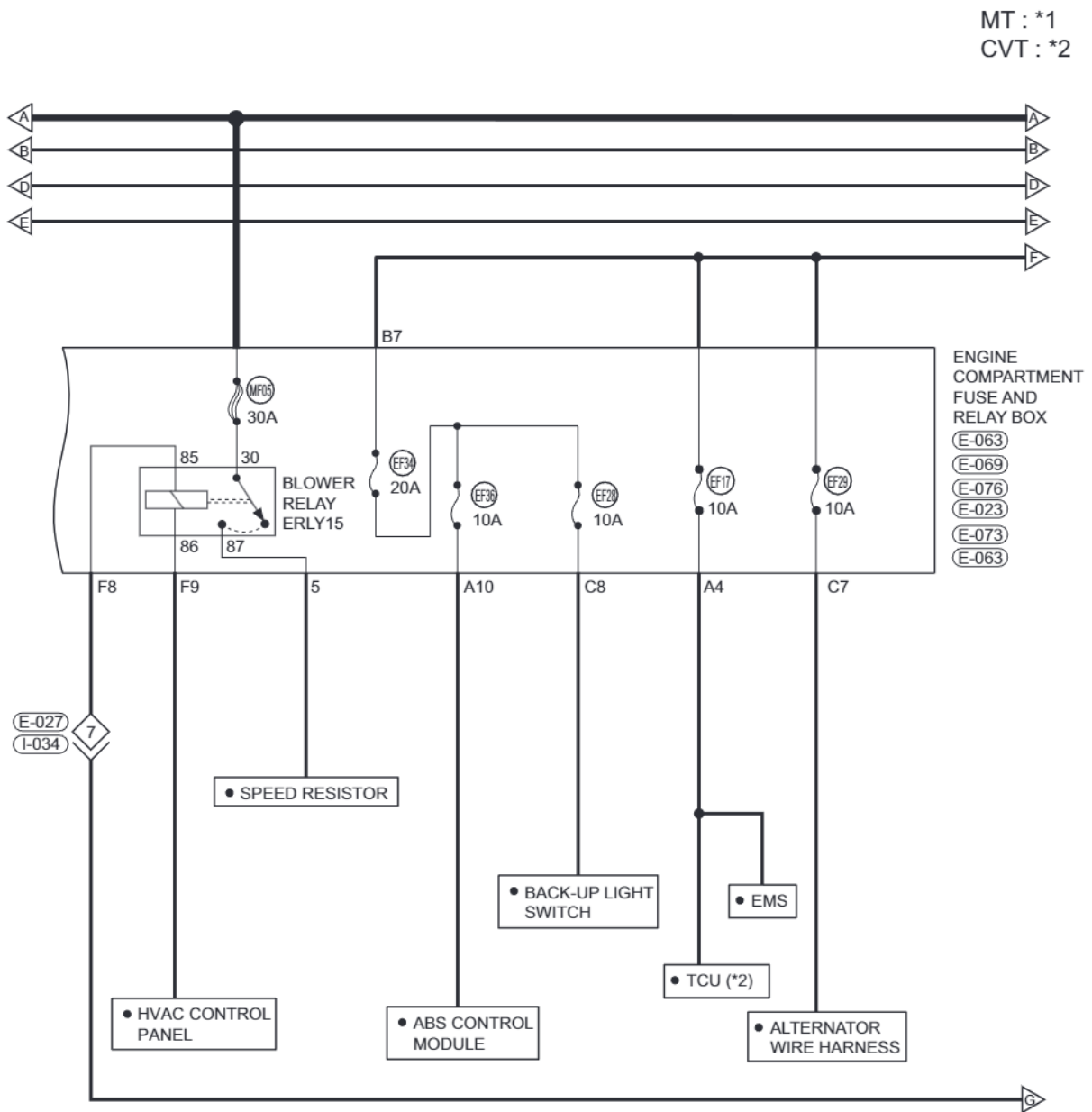
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Power Distribution (Page 8 of 13)

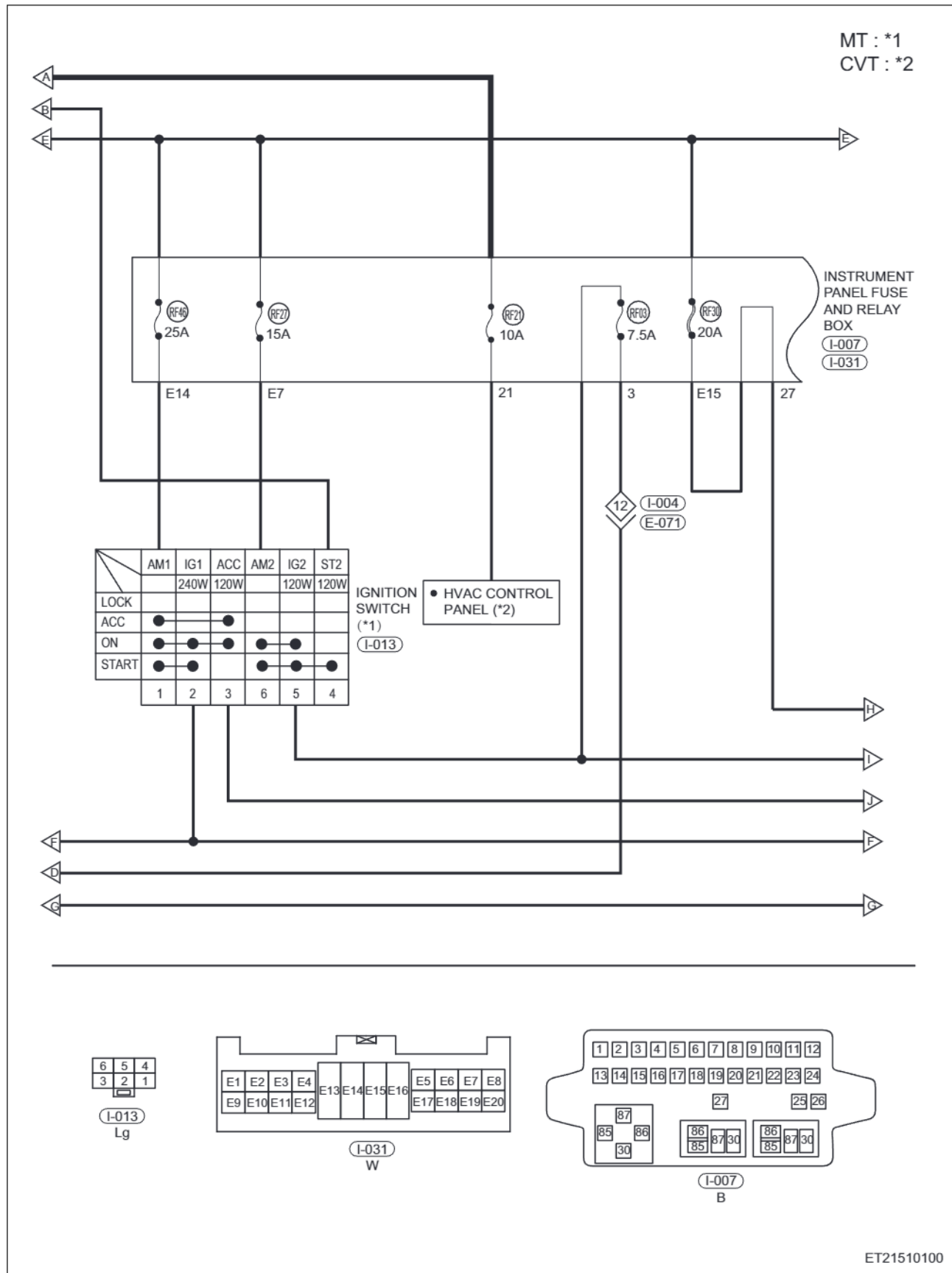
CVT

(E-073)
Y(E-065)
B(E-074)
Gr(E-069)
W(E-067)
W

Power Distribution (Page 9 of 13)

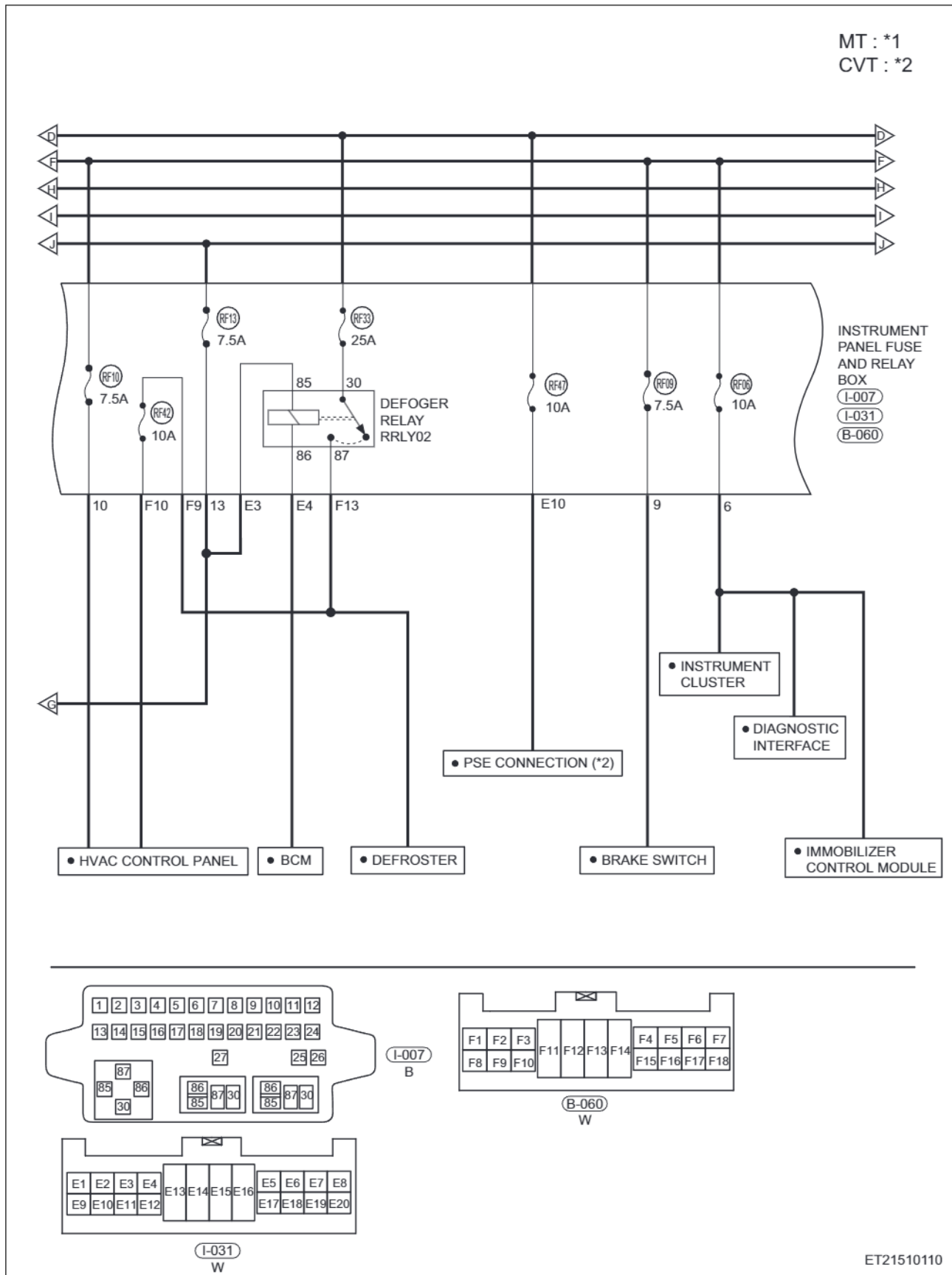


Power Distribution (Page 10 of 13)



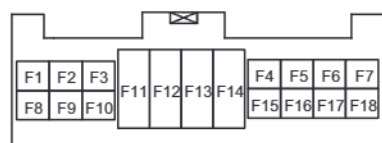
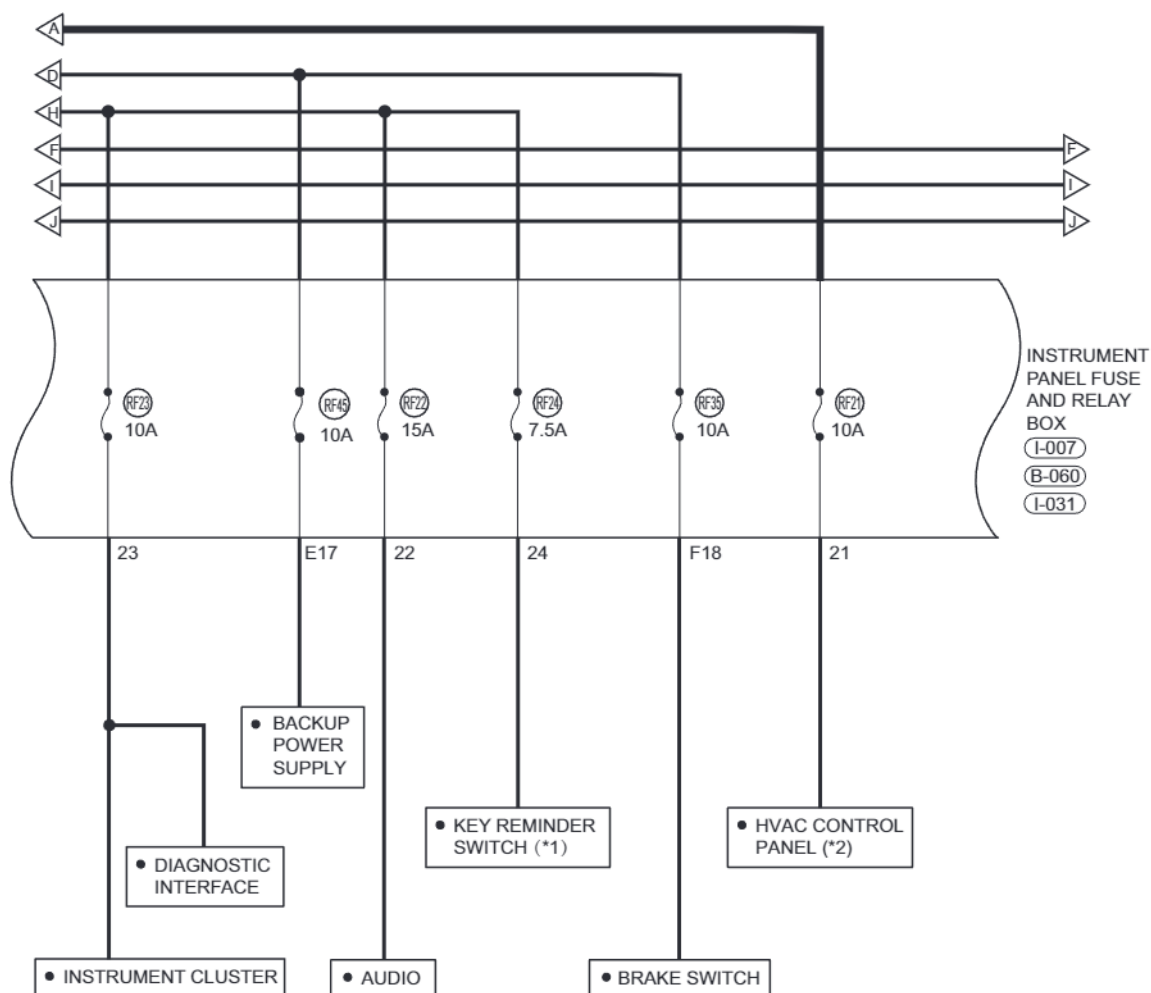
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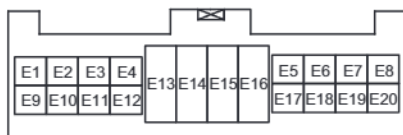


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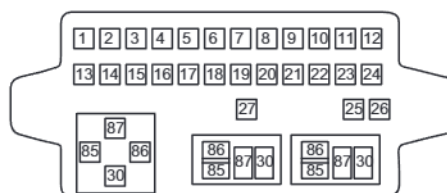
MT : *1
CVT : *2



(B-060)
W



(I-031)
W

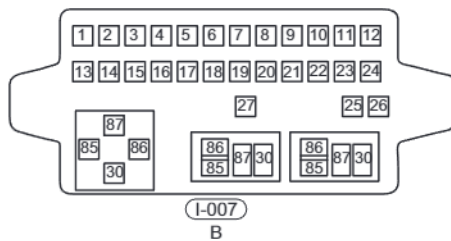
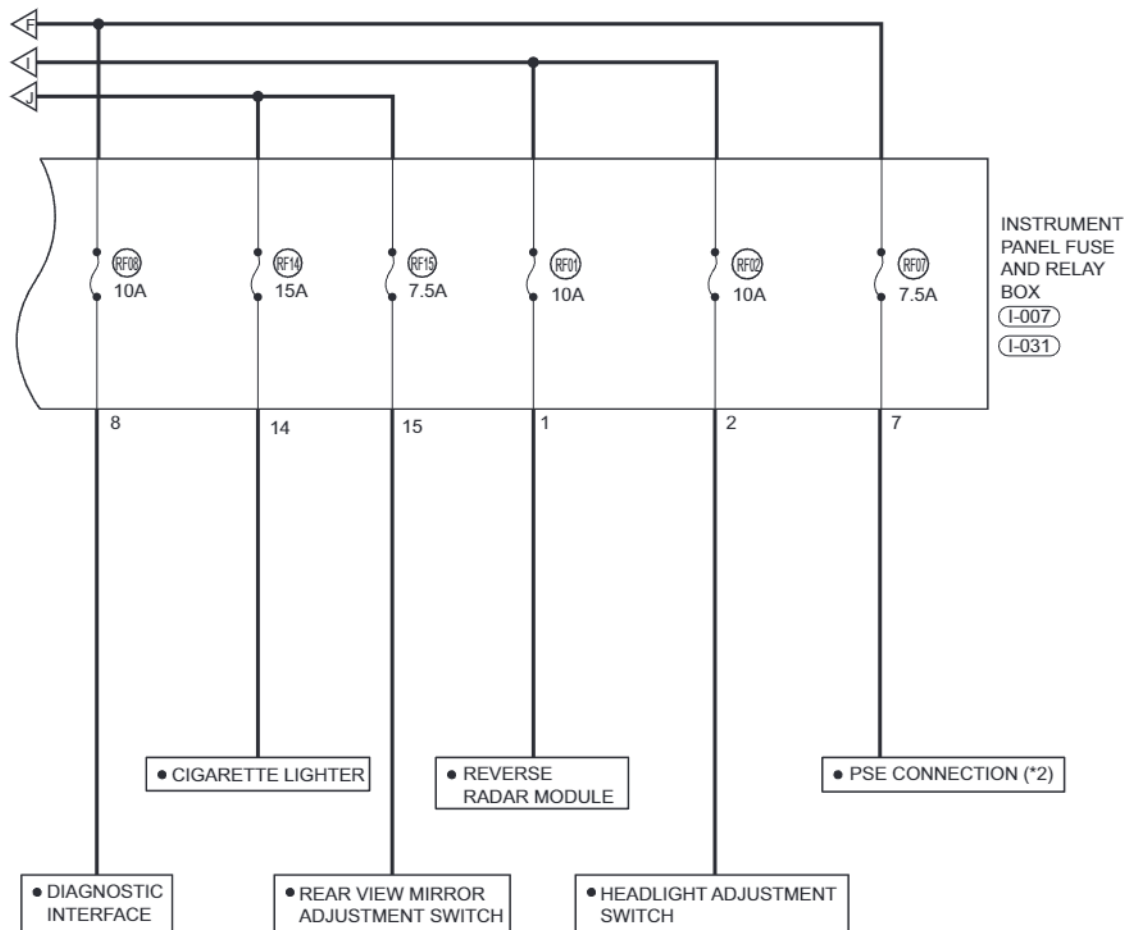


(I-007)
B

ET21510120

Power Distribution (Page 13 of 13)

MT : *1
CVT : *2



VEHICLE GROUND DISTRIBUTION

General Information

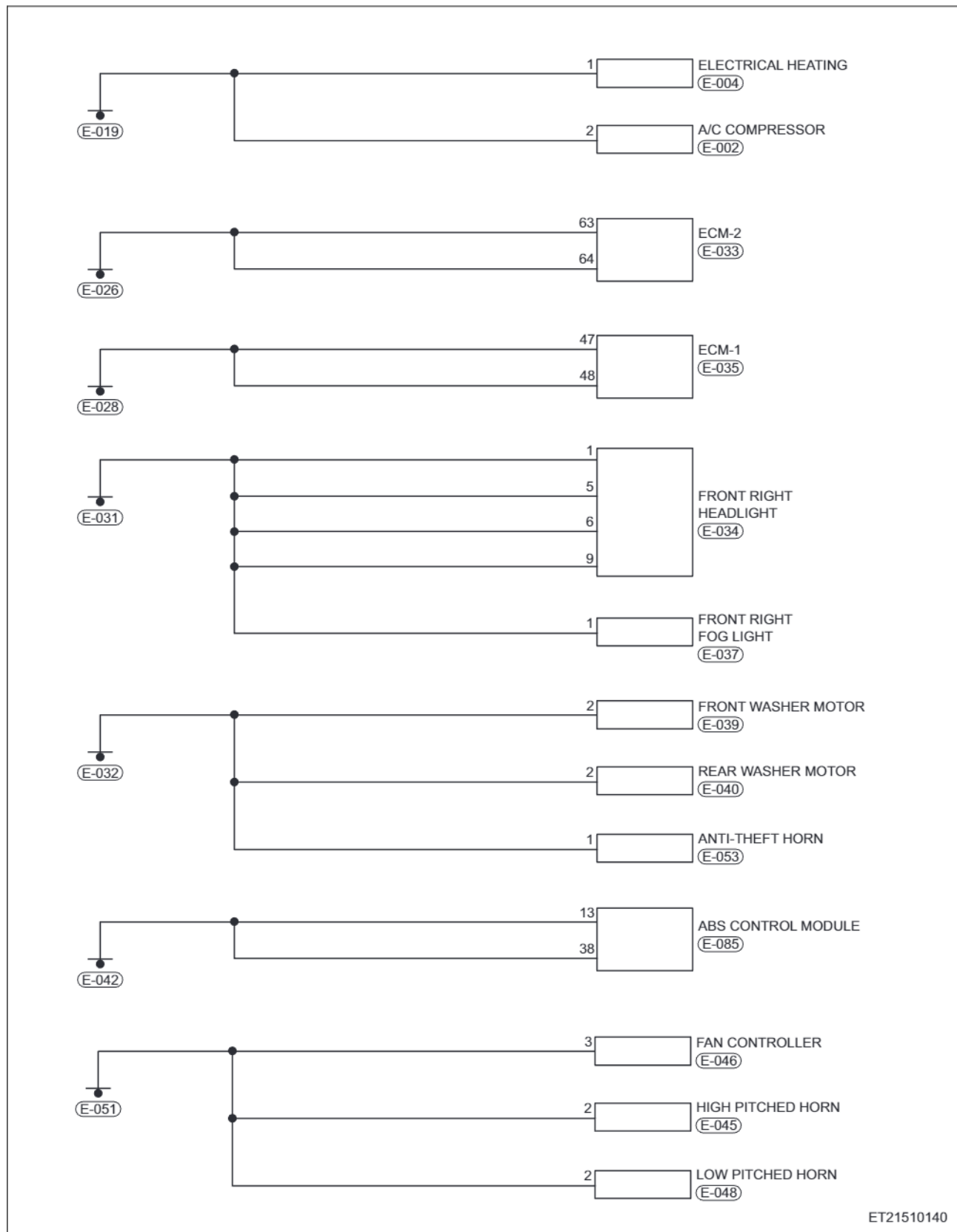
Description

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 the ground points and solve problem accurately and efficiently.

Circuit Diagram

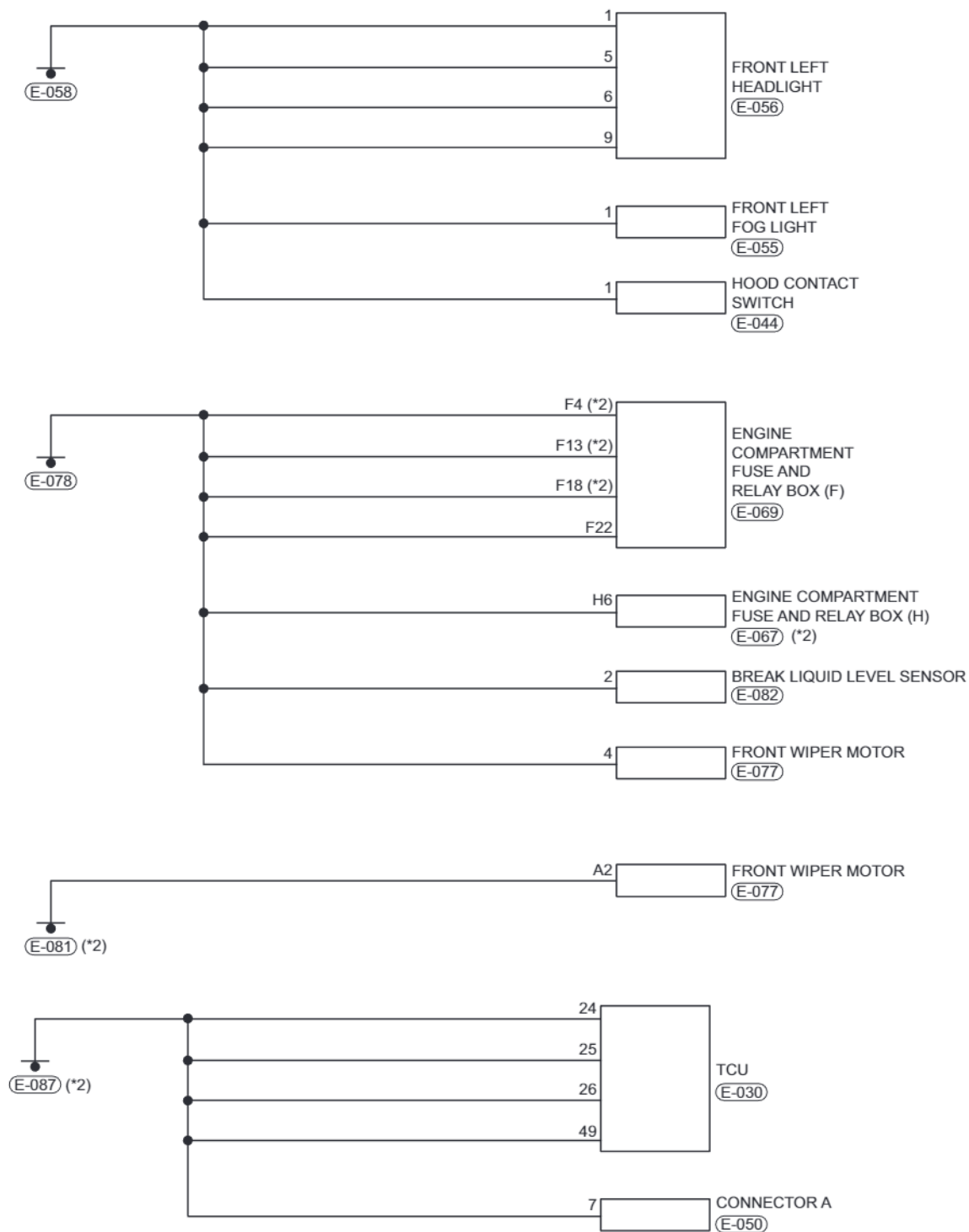
Ground Distribution

Ground Distribution (Page 1 of 6)



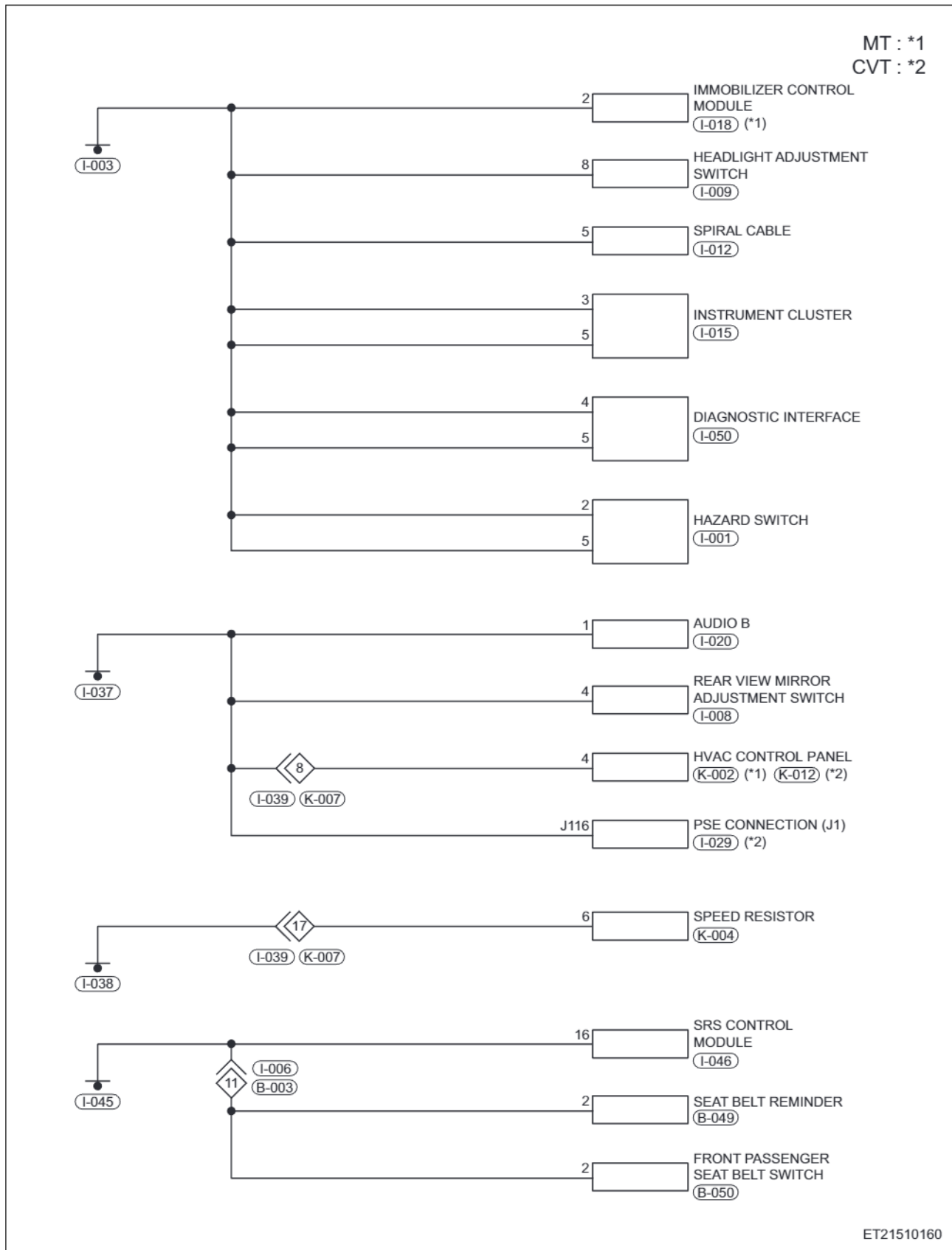
Ground Distribution (Page 2 of 6)

MT : *1
CVT : *2

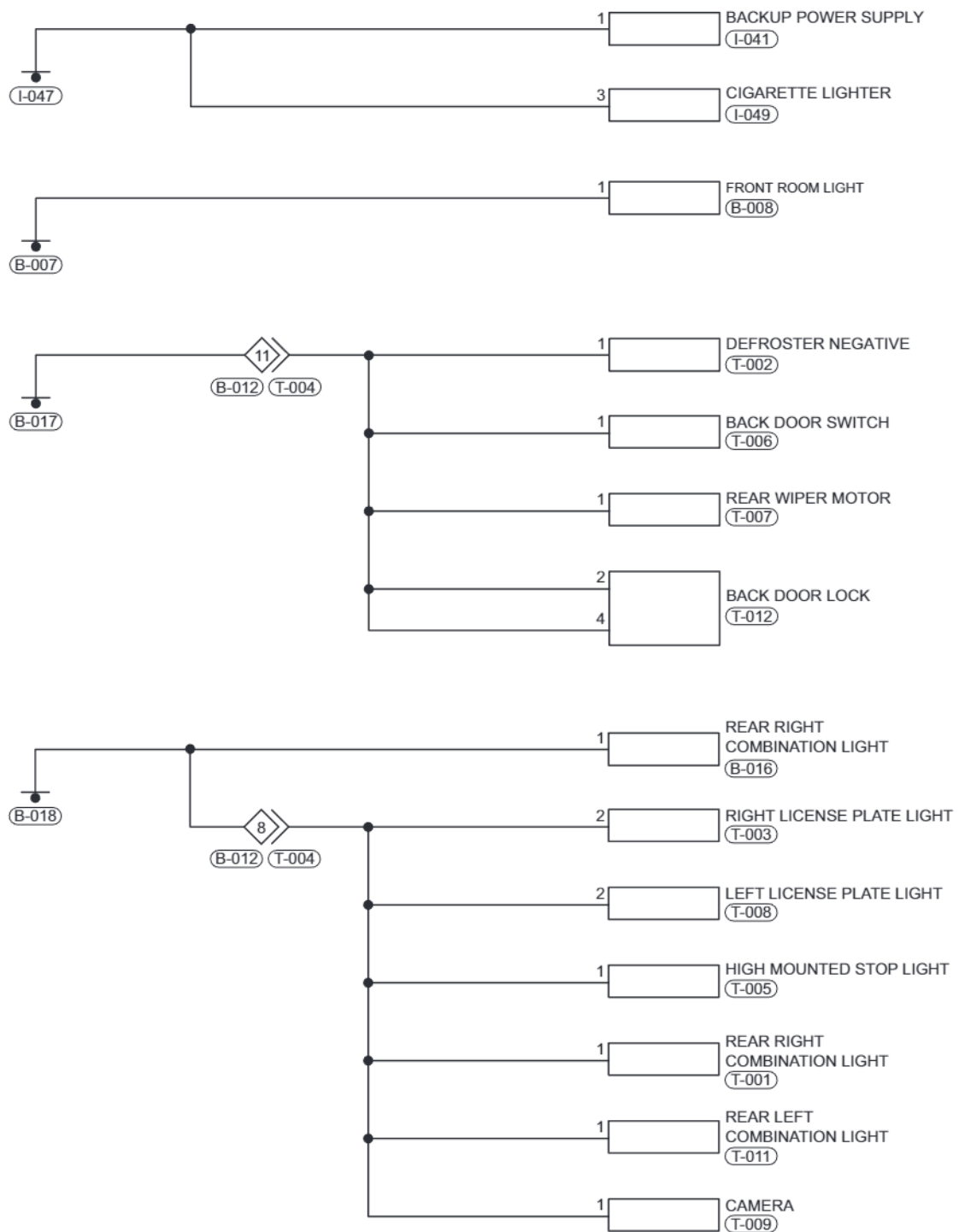


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Ground Distribution (Page 3 of 6)

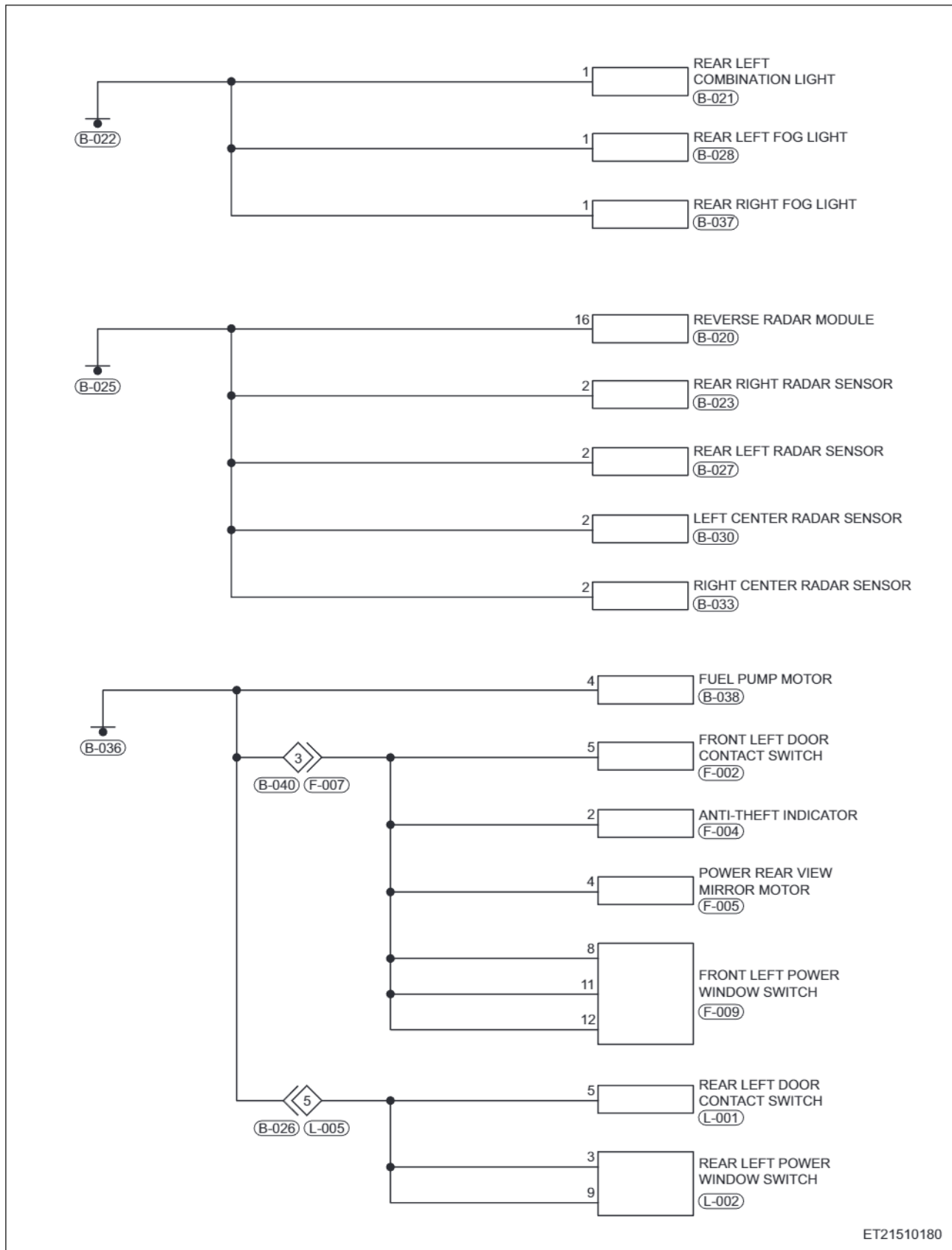


Ground Distribution (Page 4 of 6)



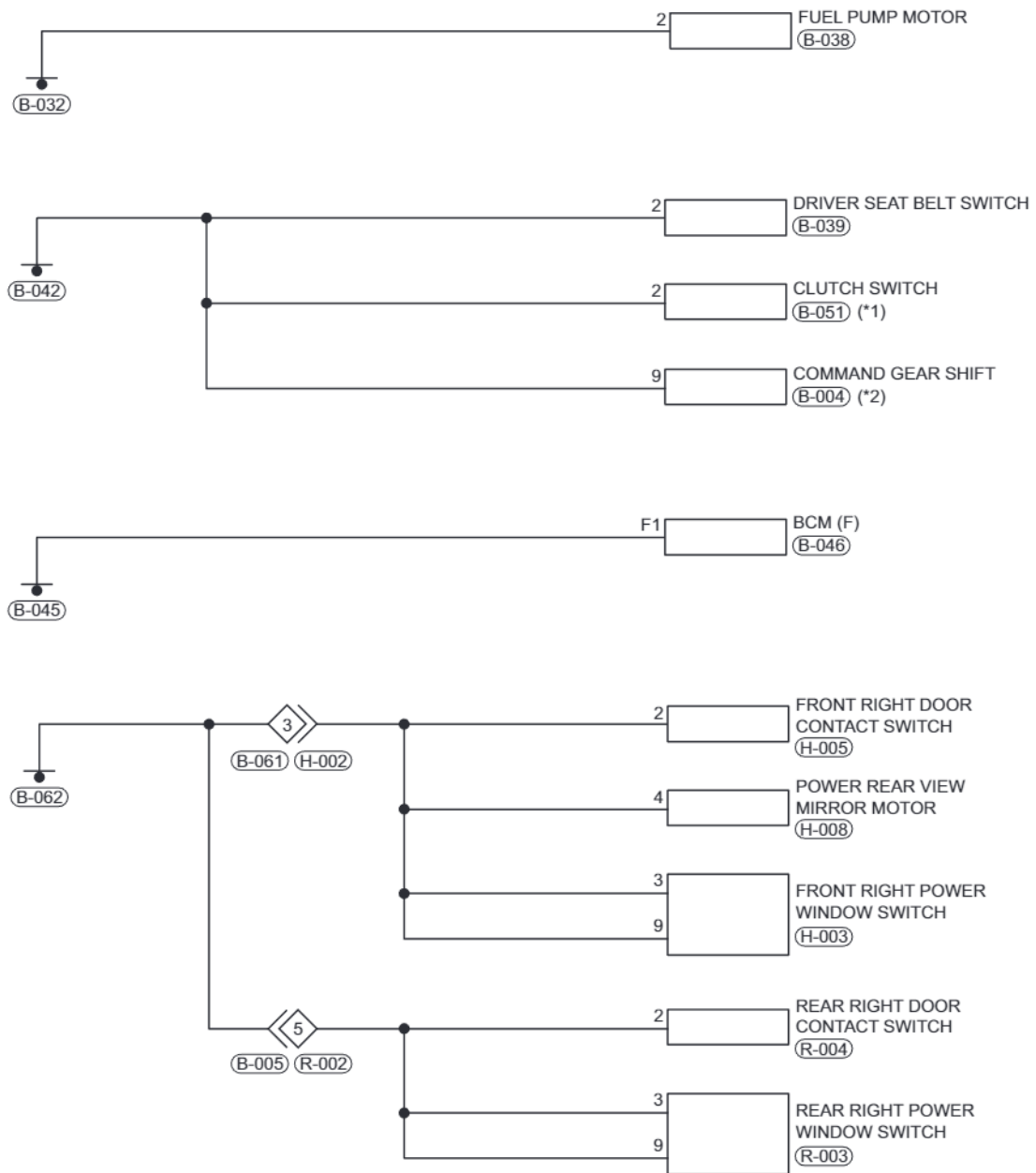
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Ground Distribution (Page 5 of 6)



Ground Distribution (Page 6 of 6)

MT : *1
CVT : *2



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:

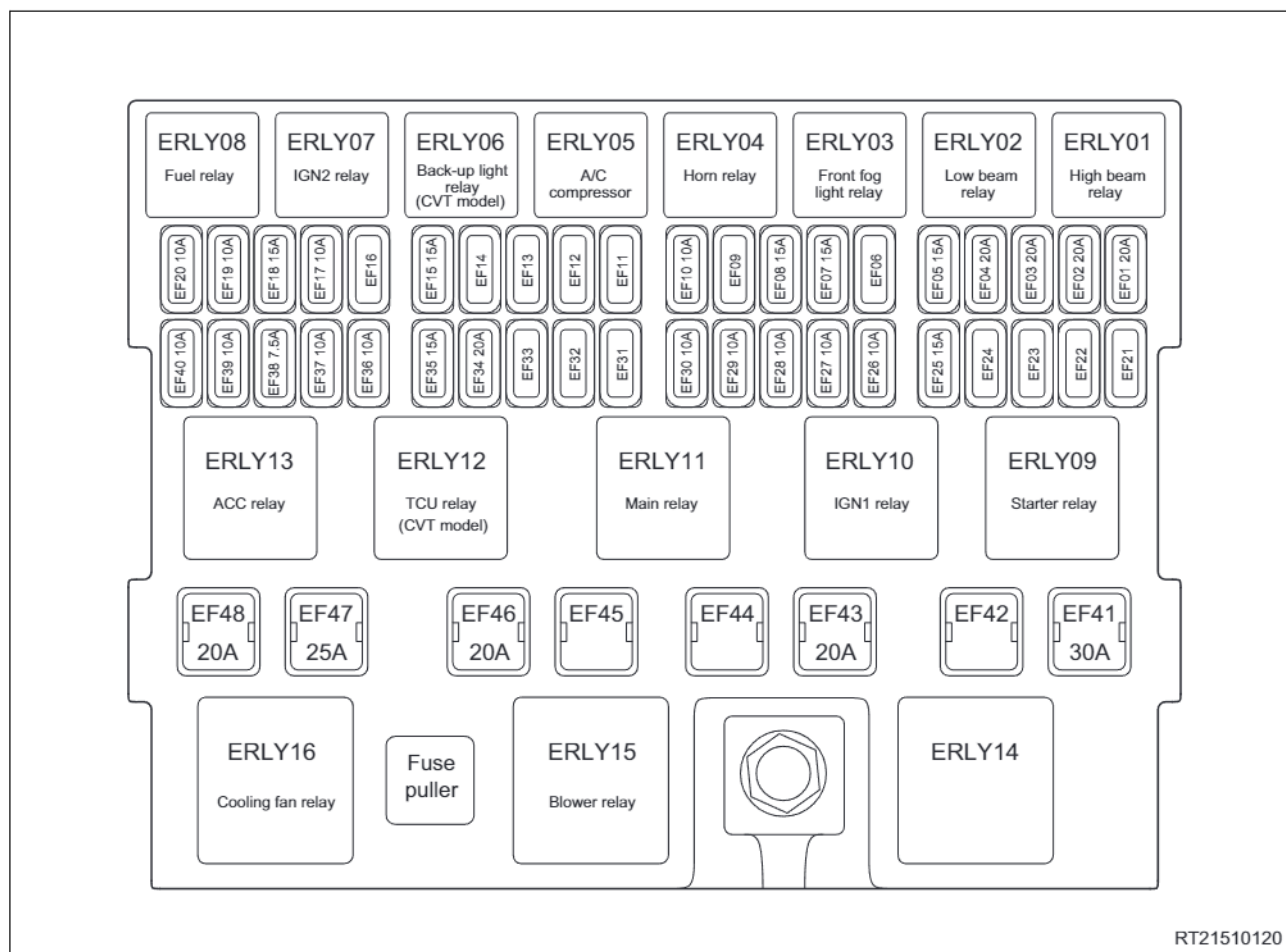
Engine compartment fuse and relay box: located on the left side of engine compartment and the rear side of left headlight.

Instrument panel fuse and relay box A: located on the lower left side of instrument panel.

Instrument panel fuse and relay box B: located on the lower right side of instrument panel.

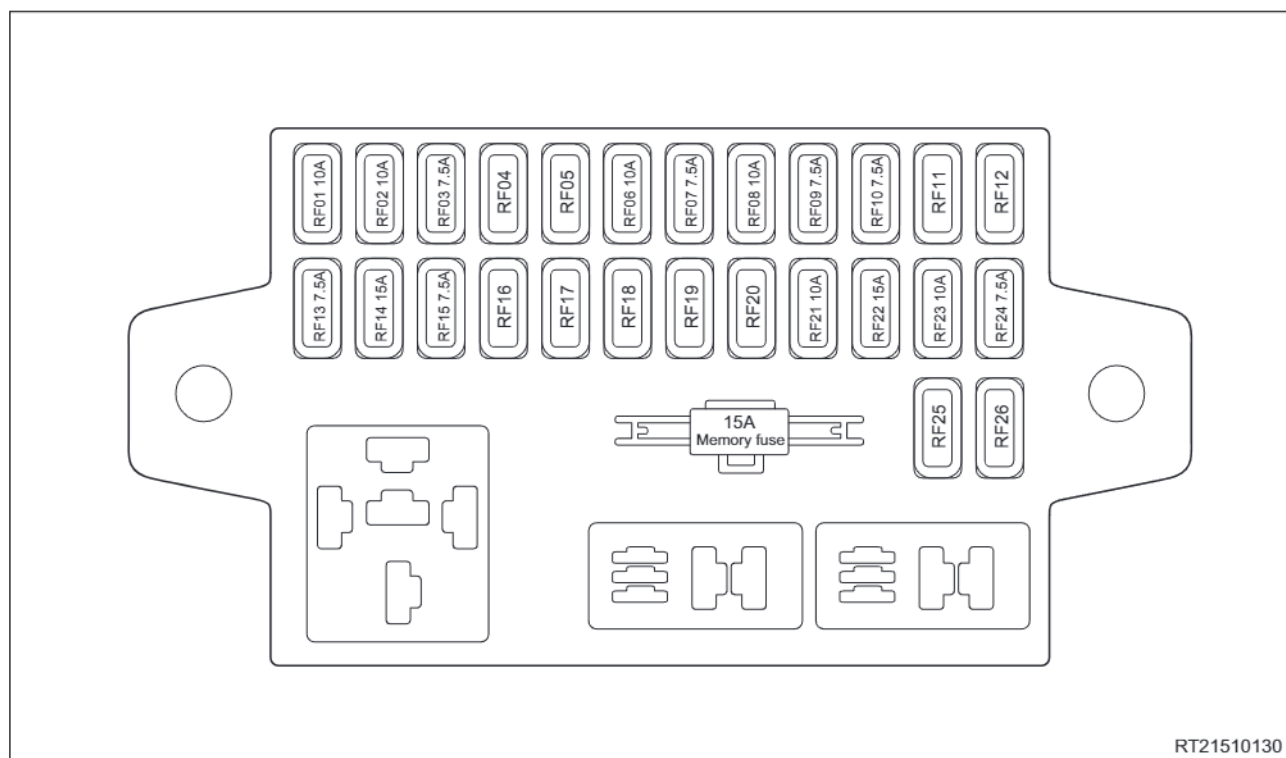
Fuse & Relay

Engine Compartment Fuse and Relay Box



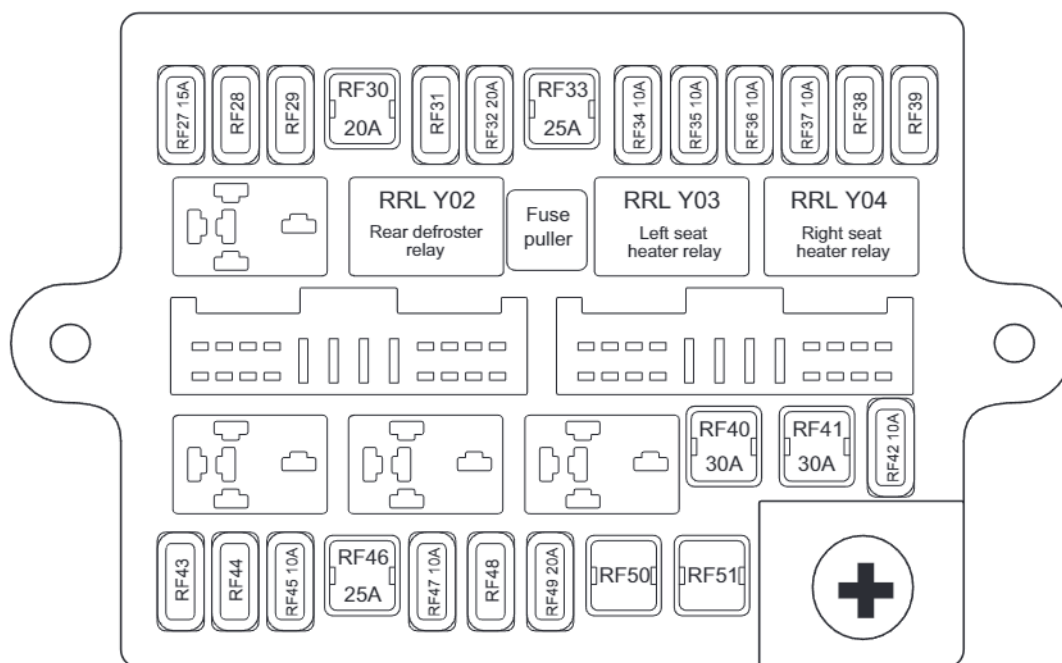
No.	Description	No.	Description
EF01	Right Headlight High Beam	EF25	Horn
EF02	Left Headlight High Beam	EF26	Spare
EF03	Right Headlight Low Beam	EF27	Air Flow Meter/Canister
EF04	Left Headlight Low Beam	EF28	Back-up Light Switch (for MT Model)
EF05	Front Fog Light	EF29	Alternator Excitation
EF06	-	EF30	Back-up Light/Reversing Radar (for CVT Model)
EF07	Ignition Coil	EF31	-
EF08	Injector/Camshaft Timing	EF32	-
EF09	-	EF33	-
EF10	A/C Compressor	EF34	IGN Power Supply
EF11	-	EF35	Fuel Pump
EF12	-	EF36	ABS/ESP
EF13	-	EF37	Spare
EF14	-	EF38	Fuel Pump Relay Coil/Fan Relay Coil
EF15	IGN2	EF39	Oxygen Sensor
EF16	-	EF40	ECM
EF17	ECM/TCU (for CVT Model)	EF41	Starter
EF18	Spare	EF42	-
EF19	TCU (for CVT Model)/ECM	EF43	IGN1
EF20	Spare	EF44	-
EF21	-	EF45	-
EF22	-	EF46	TCU (for CVT Model)
EF23	-	EF47	ABS/ESP
EF24	-	EF48	ACC

Instrument Panel Fuse and Relay Box A



No.	Description	No.	Description
RF01	Reversing Radar	RF14	Cigarette Lighter
RF02	SPORT Switch Backlight (for CVT Model)/Headlight Leveling Dial	RF15	Outside Rear View Mirror Adjustment Switch/Sunroof Switch
RF03	Back-up Light Relay Coil (for CVT Model)	RF16	-
RF04	-	RF17	-
RF05	-	RF18	-
RF06	Yaw Sensor/Steering Angle Sensor/Instrument Cluster/Front Passenger Seat Belt Reminder Light/Diagnosis Connector/Engine Immobilizer/ESP Indication	RF19	-
RF07	BCM/EPS/PEPS	RF20	-
RF08	Airbag	RF21	Automatic A/C Control Panel
RF09	Brake Switch	RF22	Audio System
RF10	A/C Control Panel	RF23	Instrument Cluster/Diagnosis Connector
RF11	-	RF24	Key Switch
RF12	-	RF25	-
RF13	Relay Coils of Rear Defroster, Blower, Seat Heater/Audio System/BCM	RF26	-

Instrument Panel Fuse and Relay Box B



RT21510140

No.	Description	No.	Description
RF27	Spare	RF40	Right Window Jam Protection
RF28	-	RF41	Left Window Jam Protection
RF29	-	RF42	Outside Rear View Mirror Heating/Defrosting Feedback Signal
RF30	IP Fuse and Relay Box A	RF43	-
RF31	-	RF44	-
RF32	Power Seat Adjustment	RF45	Backup Power Supply
RF33	Rear Defroster	RF46	Ignition Switch
RF34	Left Seat Heater	RF47	PEPS
RF35	Brake Light Switch	RF48	-
RF36	Reserve	RF49	Sunroof
RF37	Right Seat Heater	RF50	-
RF38	-	RF51	-
RF39	-		

VEHICLE WIRE HARNESS LAYOUT

General Information

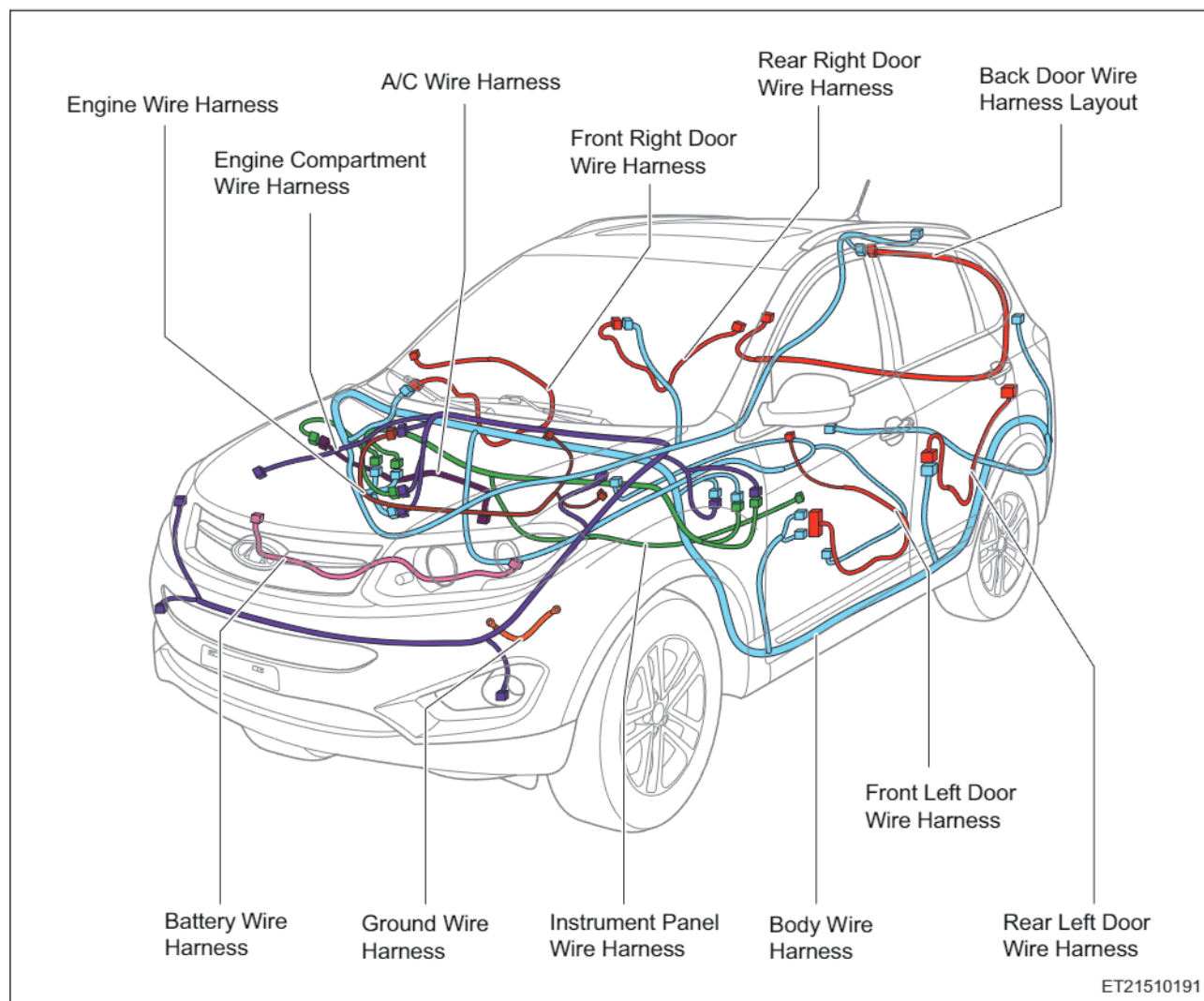
Description

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

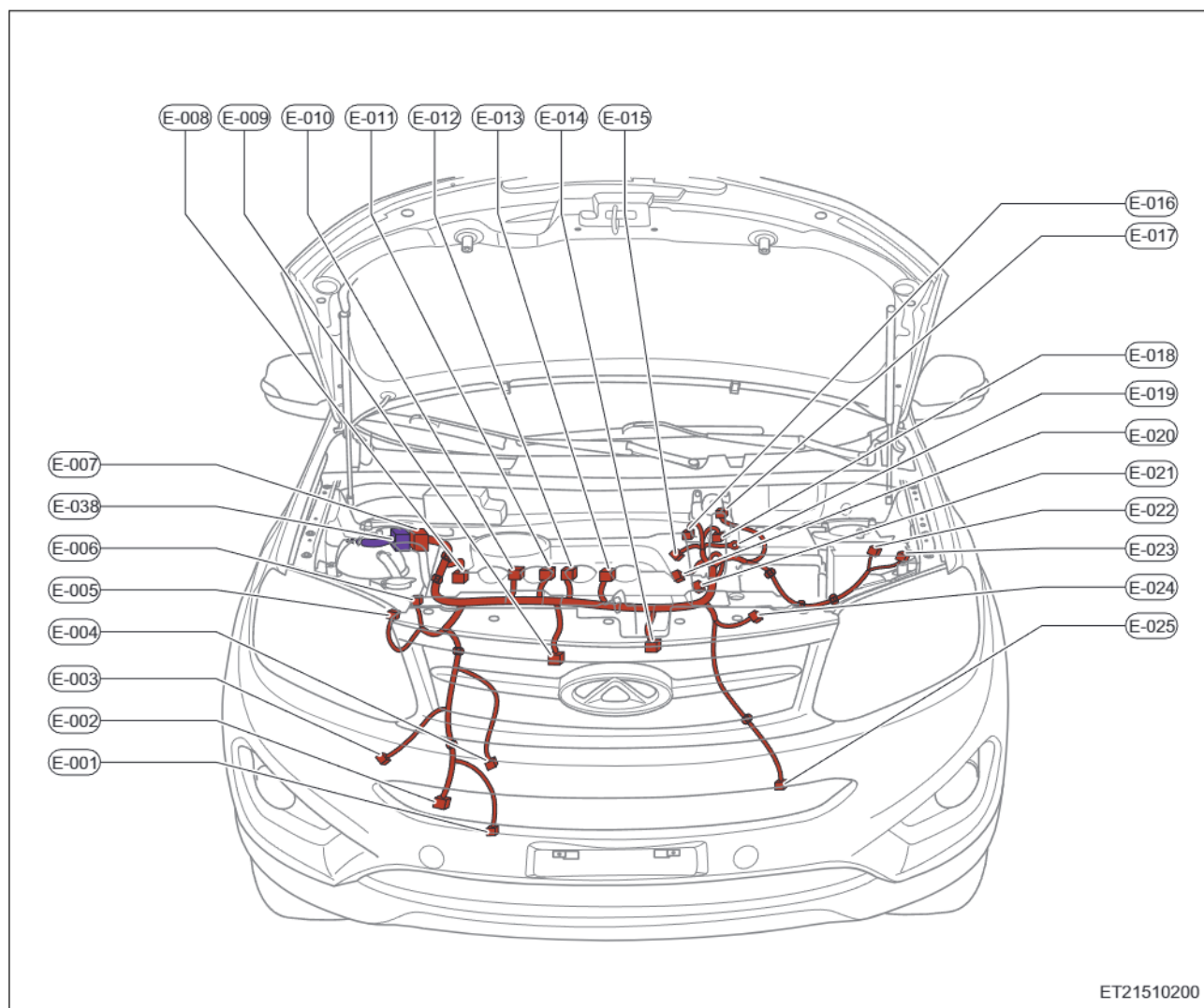
- Engine Wire Harness
- Engine Compartment Wire Harness
- Instrument Panel Wire Harness
- Body Wire Harness
- Front Left Door Wire Harness
- Front Right Door Wire Harness
- Rear Left Door Wire Harness
- Rear Right Door Wire Harness
- Back Door Wire Harness
- A/C Wire Harness (for Electrical A/C System)
- A/C Wire Harness (for Automatic A/C System)
- Battery/Ground Wire Harness

Vehicle Wire Harness Layout

Entire Vehicle Wire Harness Layout

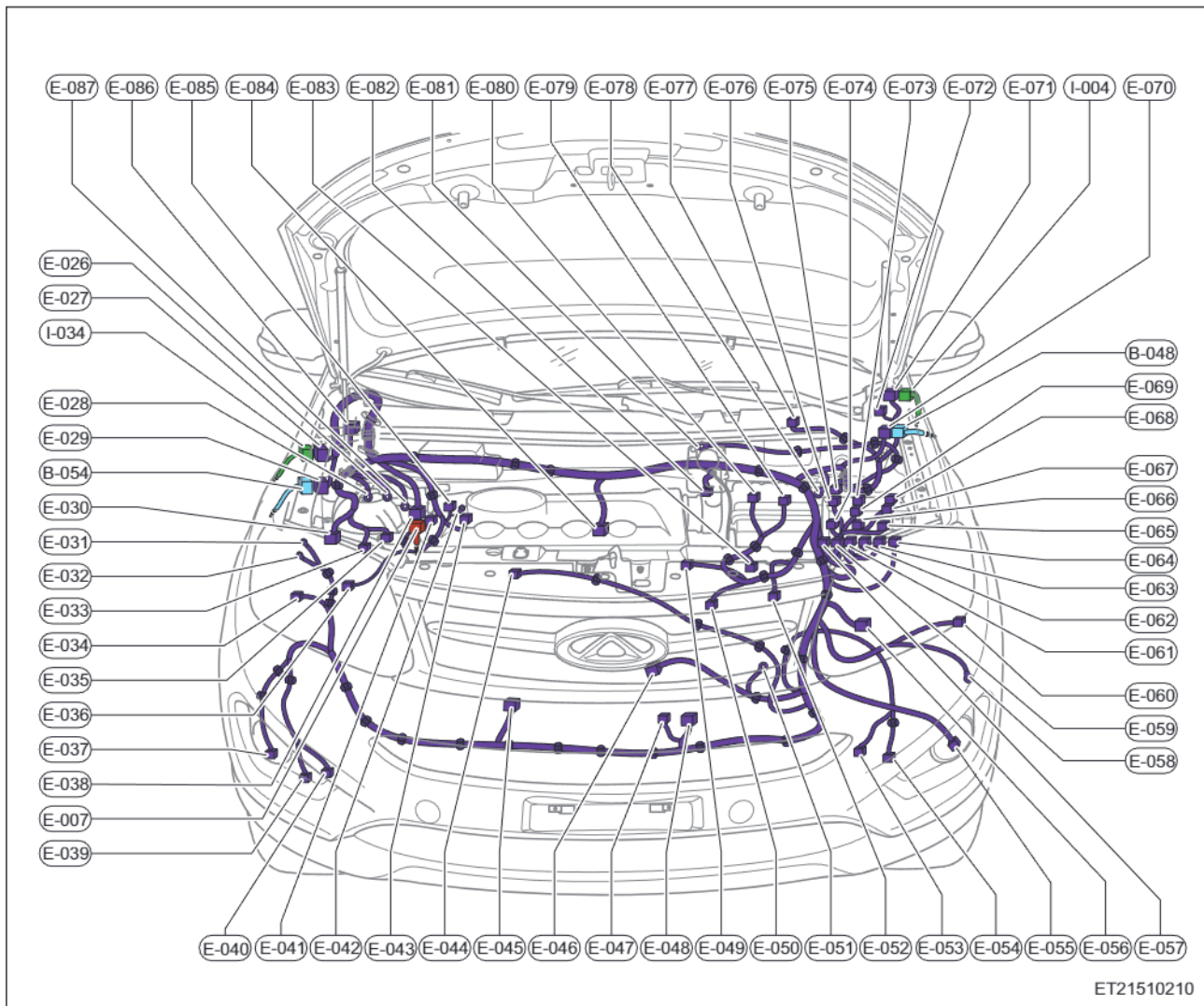


Engine Wire Harness



Connector Code	Connector Color/Pin	Connector Name
E-001	W/1	Oil Pressure Switch
E-002	B/2	A/C Compressor
E-003	B/3	Alternator
E-004	B/2	Electrical Heating
E-005	B/3	Knock Sensor
E-006	B/2	Variable Camshaft Timing (Intake)
E-007	B/42	to Engine Compartment Wire Harness Connector E-038
E-008	B/2	Variable Camshaft Timing (Exhaust)
E-009	B/6	Electronic Throttle
E-010	B/2	Injector 1
E-011	B/2	Injector 2
E-012	B/2	Injector 3
E-013	B/2	Injector 4
E-014	B/1	Starter Control
E-015	B/3	Camshaft Position Sensor(Exhaust)
E-016	B/3	Engine Speed Sensor
E-017	B/5	Air Flow Meter
E-018	B/4	Ignition Coil
E-019	-	Ground
E-020	B/3	Camshaft Position Sensor (Intake)
E-021	L/2	Coolant Temperature Sensor
E-022	W/2	Engine Compartment Fuse and Relay Box (L)
E-023	L/10	Engine Compartment Fuse and Relay Box (C)
E-024	B/2	Canister Solenoid Valve
E-025	B/2	Back-up Light Switch

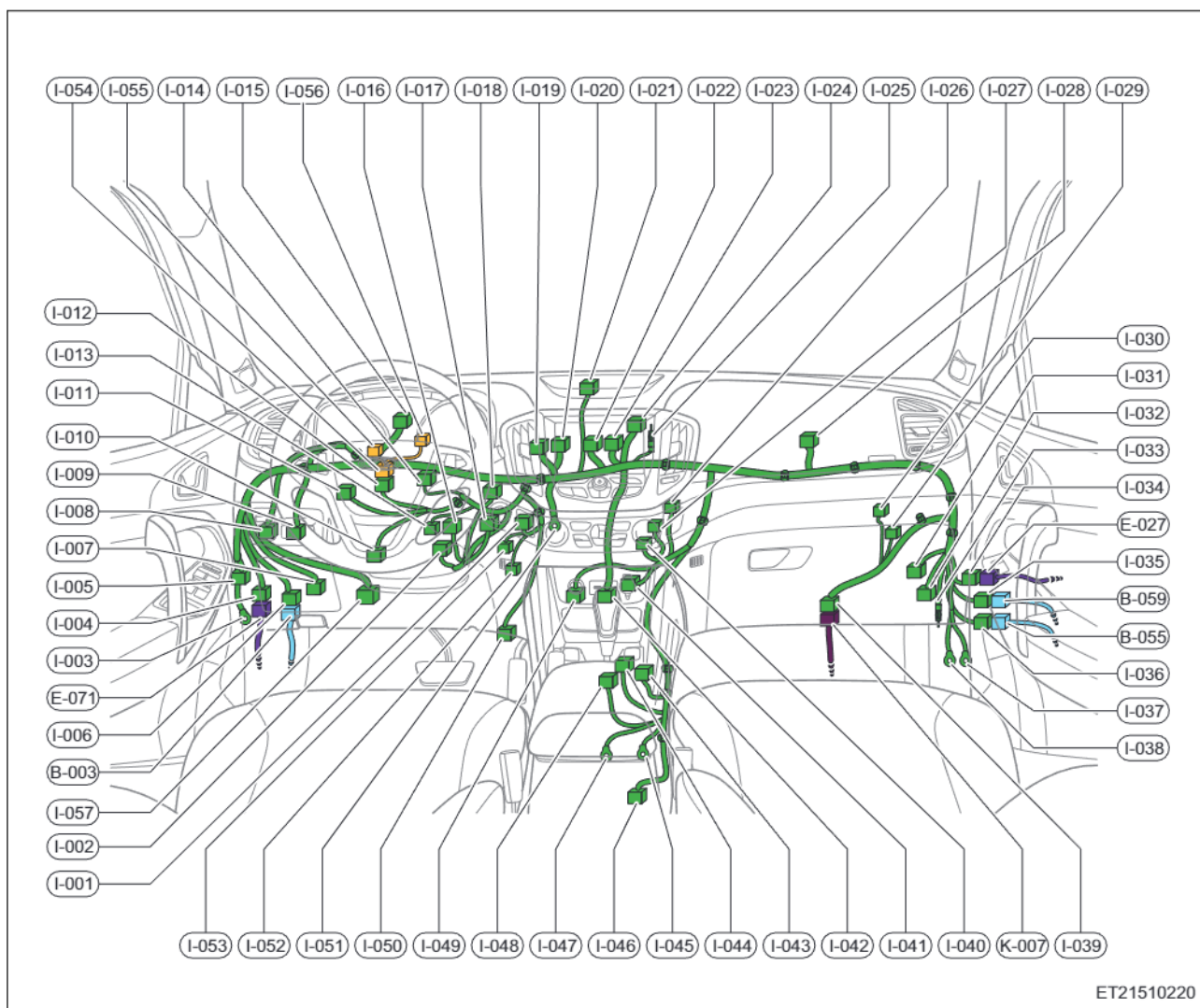
Engine Compartment Wire Harness



Connector Code	Connector Color/Pin	Connector Name
E-026	-	Ground
E-027	W/15	to Instrument Panel Wire Harness Connector I-034
E-028	-	Ground
E-029	W/22	to Body Wire Harness Connector B-054
E-030	B/56	TCU (for CVT Model)
E-031	-	Ground
E-032	-	Ground
E-033	B/64	ECM-2
E-034	B/10	Front Right Headlight
E-035	B/48	ECM-1
E-036	B/2	Front Right Wheel Speed Sensor
E-037	B/2	Front Right Fog Light
E-038	B/42	to Engine Wire Harness Connector E-007
E-039	Gr/2	Front Washer Motor
E-040	Gr/2	Rear Washer Motor
E-041	B/3	A/C Pressure Sensor
E-042	-	Ground
E-043	B/4	Downstream Oxygen Sensor
E-044	W/3	Hood Contact Switch
E-045	Gr/2	High Pitched Horn
E-046	Gr/3	Fan Controller
E-047	B/2	Outside Temperature Sensor
E-048	Gr/2	Low Pitched Horn
E-049	B/3	Clutch Speed Sensor (for CVT Model)
E-050	B/10	Connector A (for CVT Model)
E-051	-	Ground
E-052	Gr/10	Connector B (for CVT Model)
E-053	B/2	Anti-theft Horn
E-054	W/3	Primary Shaft Pressure Sensor
E-055	B/2	Front Left Fog Light
E-056	B/10	Front Left Headlight
E-057	-	ABS Power Supply
E-058	-	Ground
E-059	-	Fan Power Supply
E-060	B/2	Front Left Wheel Speed Sensor
E-061	-	BCM Power Supply

Connector Code	Connector Color/Pin	Connector Name
E-062	-	IP Box Power Supply
E-063	-	Blower Power Supply
E-064	-	EPS Power Supply
E-065	B/2	Engine Compartment Fuse and Relay Box (K)
E-066	B/2	Engine Compartment Fuse and Relay Box (J)
E-067	W/16	Engine Compartment Fuse and Relay Box (H)
E-068	W/10	Engine Compartment Fuse and Relay Box (D)
E-069	W/24	Engine Compartment Fuse and Relay Box (F)
E-070	W/22	to Body Wire Harness Connector B-048
E-071	B/14	to Instrument Panel Wire Harness Connector I-004
E-072	W/1	BCM (E)
E-073	Y/10	Engine Compartment Fuse and Relay Box (B)
E-074	Gr/2	Engine Compartment Fuse and Relay Box (I)
E-075	L/2	EPS
E-076	Gr/10	Engine Compartment Fuse and Relay Box (A)
E-077	B/4	Front Wiper Motor
E-078	-	Ground
E-079	B/3	Secondary Shaft Speed Sensor (for CVT Model)
E-080	B/3	Secondary Shaft Pressure Sensor (for CVT Model)
E-081	-	Ground
E-082	B/2	Break Fluid Level Sensor
E-083	B/3	Primary shaft speed sensor (for CVT Model)
E-084	B/4	Upstream Oxygen Sensor
E-085	B/38	ABS Control Module
E-086	-	IP Box
E-087	-	Ground

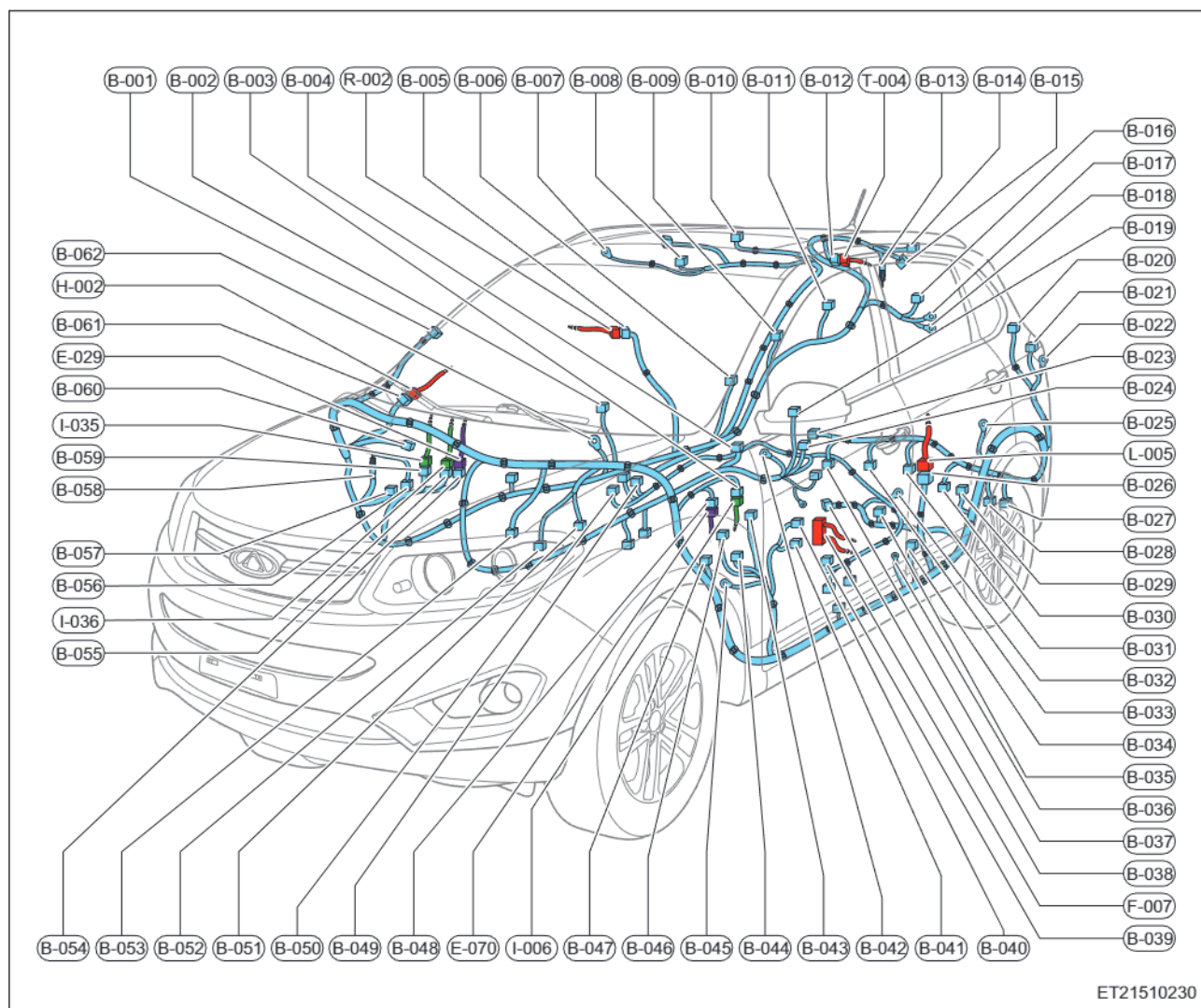
Instrument Panel Wire Harness



Connector Code	Connector Color/Pin	Connector Name
I-001	B/6	Hazard Switch
I-002	B/4	Key Reminder Switch (for MT Model)
I-003	-	Ground
I-004	W/14	to Engine Compartment Wire Harness Connector E-071
I-005	L/32	BCM (A)
I-006	W/22	to Body Wire Harness Connector B-003
I-007	B/	Instrument Panel Fuse and Relay Box A
I-008	B/10	Rear View Mirror Adjustment Switch
I-009	Br/16	Headlight Adjustment Switch
I-010	B/6	Steering Angle Sensor
I-011	B/10	Combination Light Switch
I-012	W/16	to Spiral Cable Connector I-054
I-013	Lg/6	Ignition Switch (w/o Passive Entry & Passive Start)
I-014	B/10	Wiper Switch
I-015	L/32	Instrument Cluster
I-016	B/2	Key Lamp (w/o Passive Entry & Passive Start)
I-017	W/8	Engine Switch (w/ Passive Entry & Passive Start)
I-018	B/8	Immobilizer Control Module (w/o Passive Entry & Passive Start)
I-019	B/16	Audio Assistant
I-020	B/16	Audio B
I-021	B/4	Sun Sensor
I-022	B/8	Navigation
I-023	B/10	USB
I-024	Gr/1	GPS
I-025	B/1	Antenna
I-028	Gr/2	Front Passenger Airbag
I-029	Gr/16	PEPS (J1)
I-030	B/16	PEPS (J2)
I-031	W/20	Instrument Panel Fuse and Relay Box B (E)
I-032	Gr/1	GPS
I-033	B/1	Antenna
I-034	W/15	to Engine Compartment Wire Harness Connector E-027
I-035	W/18	to Body Wire Harness Connector B-059
I-036	W/16	to Body Wire Harness Connector B-055
I-037	-	Ground
I-038	-	Ground

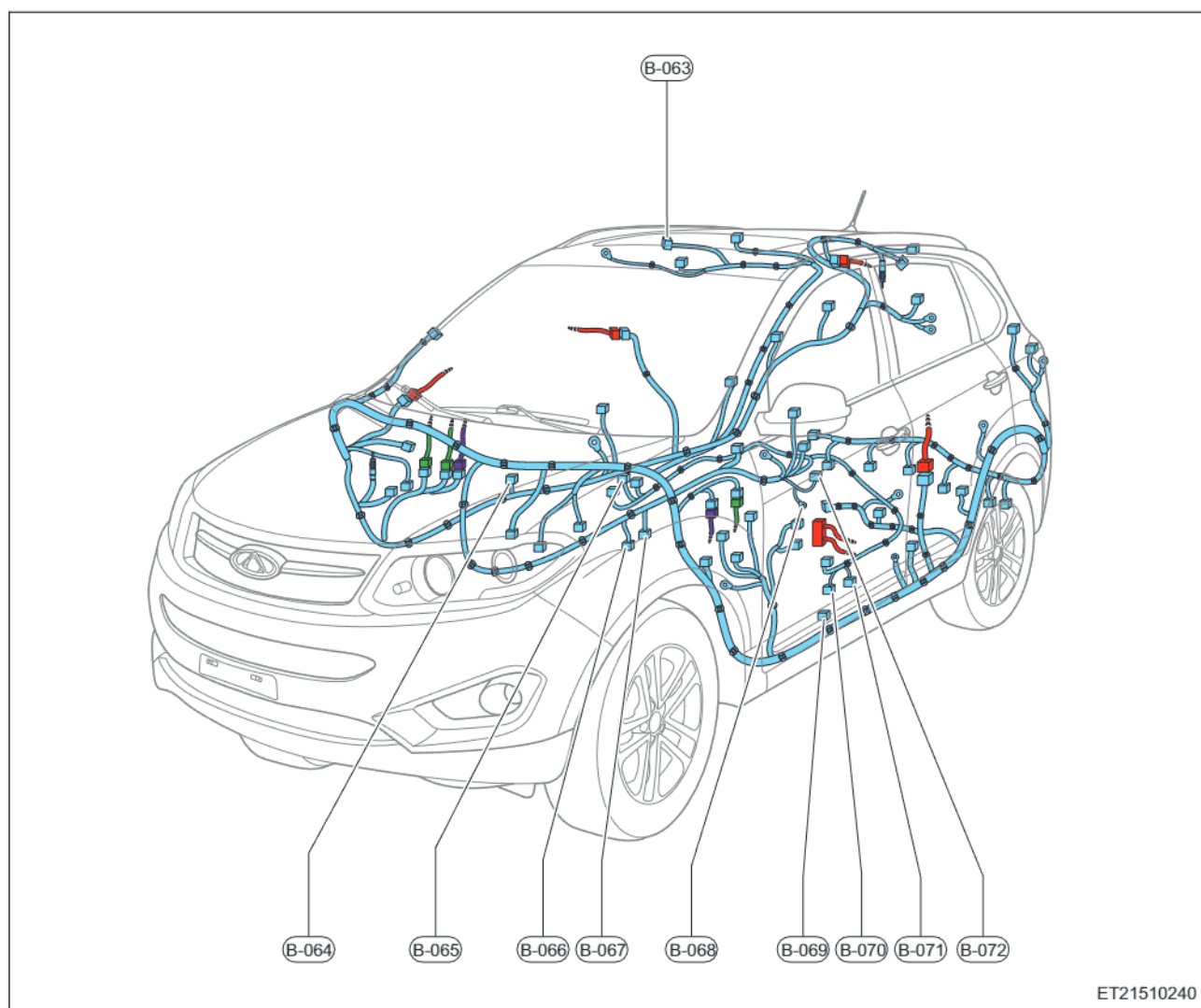
Connector Code	Connector Color/Pin	Connector Name
I-039	B/22	to A/C Wire Harness Connector K-007
I-041	W/2	Backup Power Supply
I-042	B/10	USB
I-043	B/2	Low Frequency Antenna 1
I-044	B/8	Passenger Seat Heater Switch
I-045	-	Ground
I-046	Gr/32	SRS Control Module (belong to Instrument Panel Wire Harness)
I-047	-	Ground
I-048	G/2	Immobilizer Coil (w/o Passive Entry & Passive Start)
I-049	W/3	Cigarette Lighter
I-050	B/16	Diagnostic Interface
I-051	-	Ground
I-055	B/2	Driver Airbag
I-056	W/1	Horn Switch
I-057	B/10	EPS B Connector

Body Wire Harness



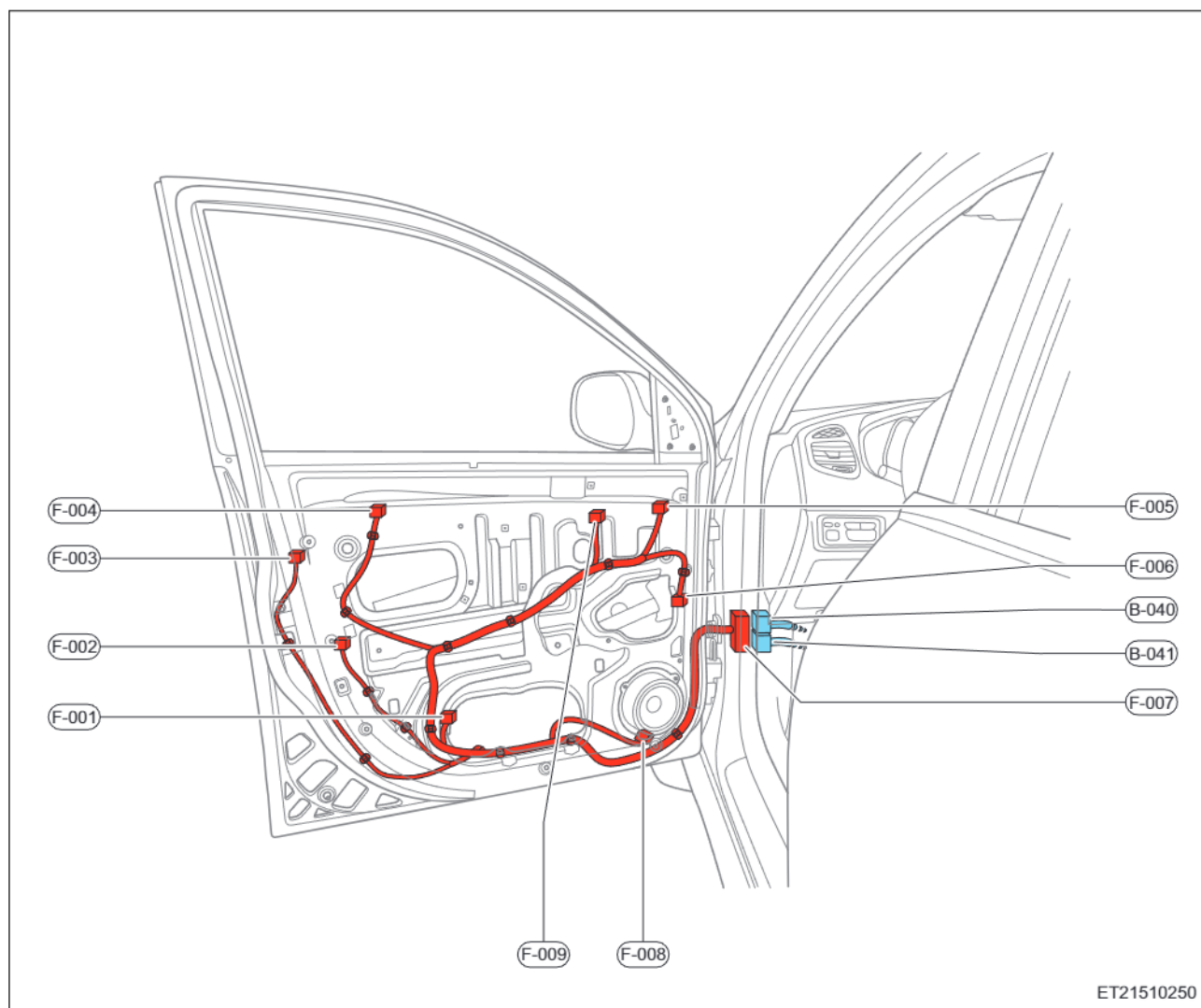
Connector Code	Connector Color/Pin	Connector Name
B-001	B/2	Front Right Speaker
B-002	B/2	Front Passenger Seat Belt Pre-tensioner
B-003	W/22	to Instrument Panel Wire Harness Connector I-006
B-004	W/11	Command Gear Shift
B-005	Y/16	to Rear Right Door Wire Harness Connector R-002
B-006	B/2	Front Left Speaker
B-007	-	Ground
B-008	W/6	Front Room Light
B-009	B/2	Rear Right Wheel Speed Sensor
B-010	W/2	Rear Room Light
B-011	B/2	Luggage Compartment Light
B-012	W/15	to Back Door Wire Harness Connector T-004
B-013	B/1	Antenna
B-014	W/1	Antenna Power Supply
B-015	Gr/1	GPS
B-016	B/6	Rear Right Combination Light
B-017	-	Ground
B-018	-	Ground
B-019	B/1	Parking Brake Switch
B-020	W/16	Reverse Radar Module
B-021	B/6	Rear Left Combination Light
B-022	-	Ground
B-023	B/2	Rear Right Radar Sensor
B-024	B/2	Low Frequency Antenna 2
B-025	-	Ground
B-026	Y/16	to Rear Left Door Wire Harness Connector L-005
B-027	B/2	Rear Left Radar Sensor
B-028	B/2	Rear Left Fog Light
B-029	B/2	Rear Left Wheel Speed Sensor
B-030	B/2	Left Center Radar Sensor
B-031	B/2	Rear Bumper Low Frequency Antenna
B-032	-	Ground
B-033	B/2	Right Center Radar Sensor
B-034	B/2	Driver Seat Belt Pre-tensioner
B-035	B/2	Low Frequency Antenna 3
B-036	-	Ground
B-037	B/2	Rear Right Fog Light

Connector Code	Connector Color/Pin	Connector Name
B-038	B/4	Fuel Pump Motor
B-039	B/2	Driver Seat Belt Switch
B-040	w/18	to Front Left Door Wire Harness Connector F-007
B-041	Gr/18	to Front Left Door Wire Harness Connector F-007
B-042	-	Ground
B-043	W/20	BCM (C)
B-044	W/12	BCM (D)
B-045	-	Ground
B-046	B/1	BCM (F)
B-047	L/32	BCM (B)
B-048	W/22	to Engine Compartment Wire Harness Connector E-070
B-049	W/2	Front Passenger Seat Belt Reminder Switch
B-050	B/2	Front Passenger Seat Belt Switch
B-051	B/2	Clutch Switch
B-052	Lg/4	Brake Switch
B-053	B/4	Electronic Accelerator Pedal
B-054	W/22	to Engine Compartment Wire Harness Connector E-029
B-055	W/18	to Instrument Panel Wire Harness Connector I-036
B-056	B/8	PEPS (J3)
B-057	Gr/1	GPS
B-058	B/1	Antenna
B-059	W/18	to Instrument Panel Wire Harness Connector I-035
B-060	W/18	Instrument Panel Fuse and Relay Box B (F)
B-061	W/18	to Front Right Door Wire Harness Connector H-002
B-062	-	Ground



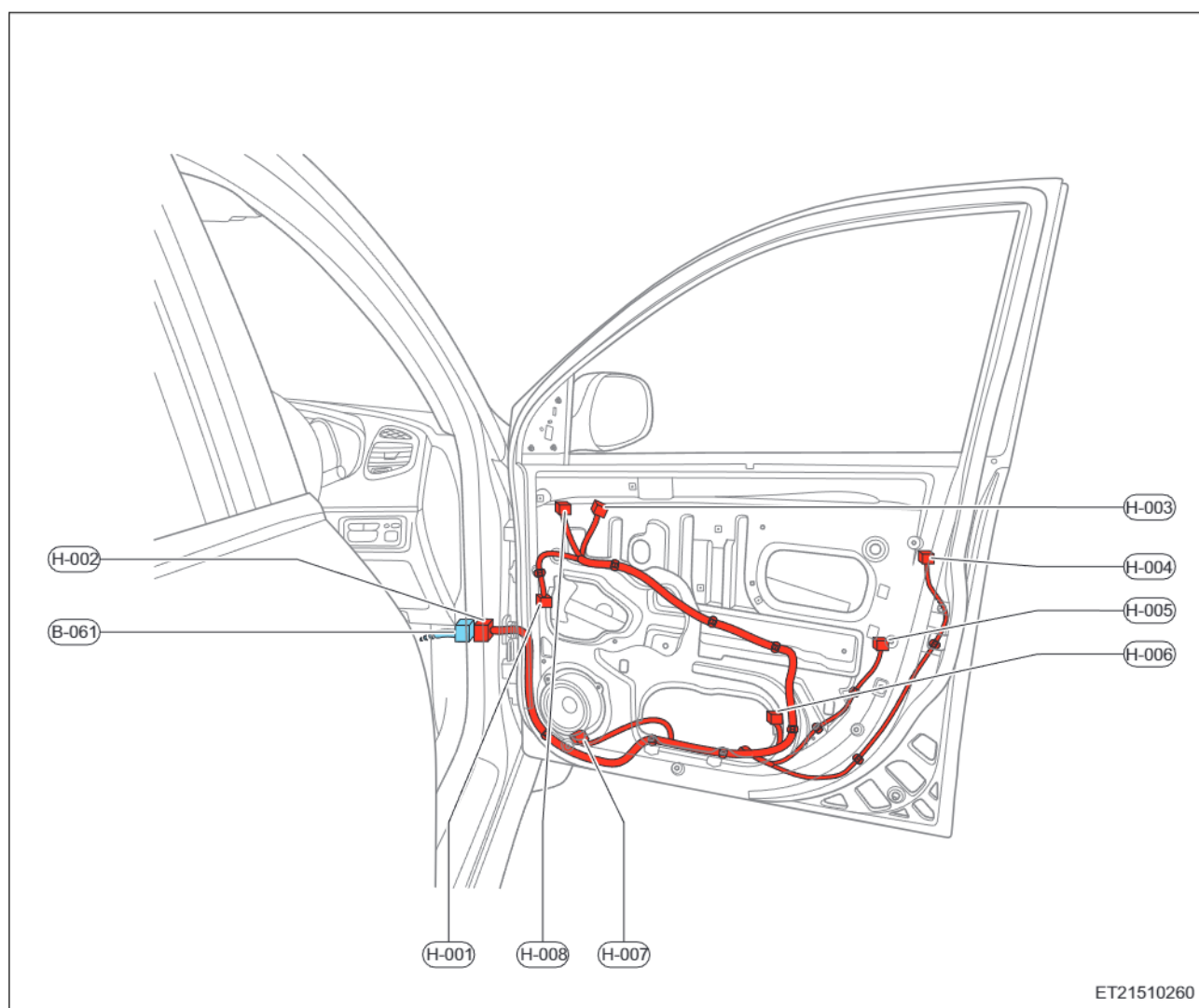
B-063	B/6	Sunroof
B-064	B/2	Front Right Doorsill Light
B-065	B/4	Front Passenger Seat Heater
B-066	B/4	Steering Angle Sensor
B-067	B/8	Driver Seat Heater switch
B-068	-	Ground
B-069	B/2	Front Left Doorsill Light
B-070	B/4	Driver Seat Power Adjustment Switch
B-071	B/4	Driver Seat Heater
B-072	B/32	SRS Control Module (belong to Body Wire Harness)

Front Left Door Wire Harness



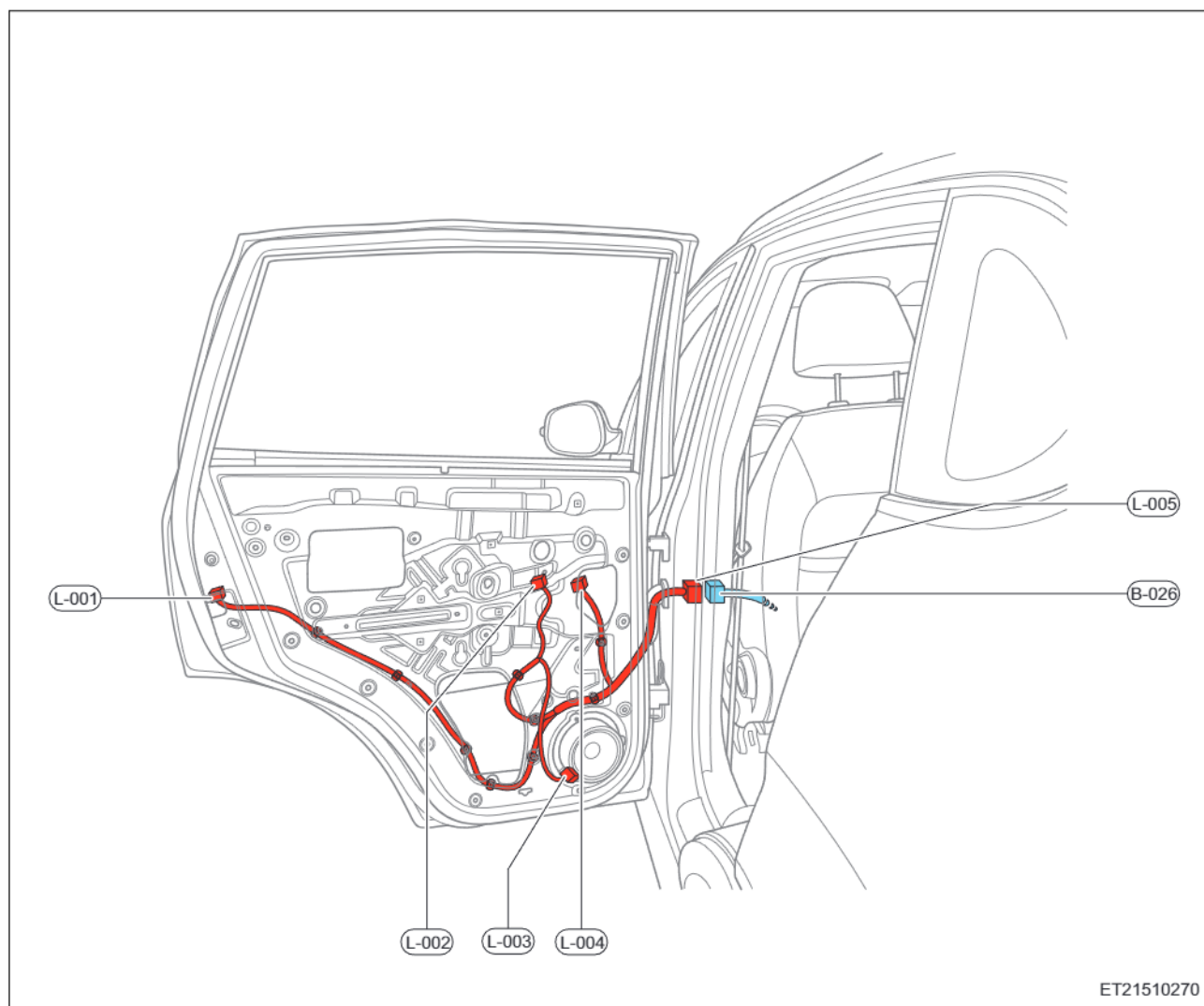
Connector Code	Connector Color/Pin	Connector Name
F-001	W/2	Front Left Door Courtesy Light
F-002	B/6	Front Left Door Contact Switch
F-003	B/2	Left Handle Sensor
F-004	W/2	Anti-theft Indicator
F-005	W/16	Power Rear View Mirror Motor
F-006 (a)	Gr/2	Front Left Power Window Regulator Motor (w/o jam protection function)
F-006 (b)	Gr/6	Front Left Power Window Regulator Motor (w/ jam protection function)
F-007	W/32	to Body Wire Harness Connector B-040, B-041
F-008	B/2	Front Left Door Speaker
F-009	Br/16	Front Left Power Window Switch

Front Right Door Wire Harness



Connector Code	Connector Color/Pin	Connector Name
H-001	Gr/2	Front Right Power Window Regulator Motor
H-002	W/32	to Body Wire Harness Connector B-061
H-003	B/10	Front Right Power Window Switch
H-004	B/2	Right Handle Sensor
H-005	B/6	Front Right Door Contact Switch
H-006	W/2	Front Right Door Courtesy Light
H-007	B/2	Front Right Door Speaker
H-008	W/16	Power Rear View Mirror Motor

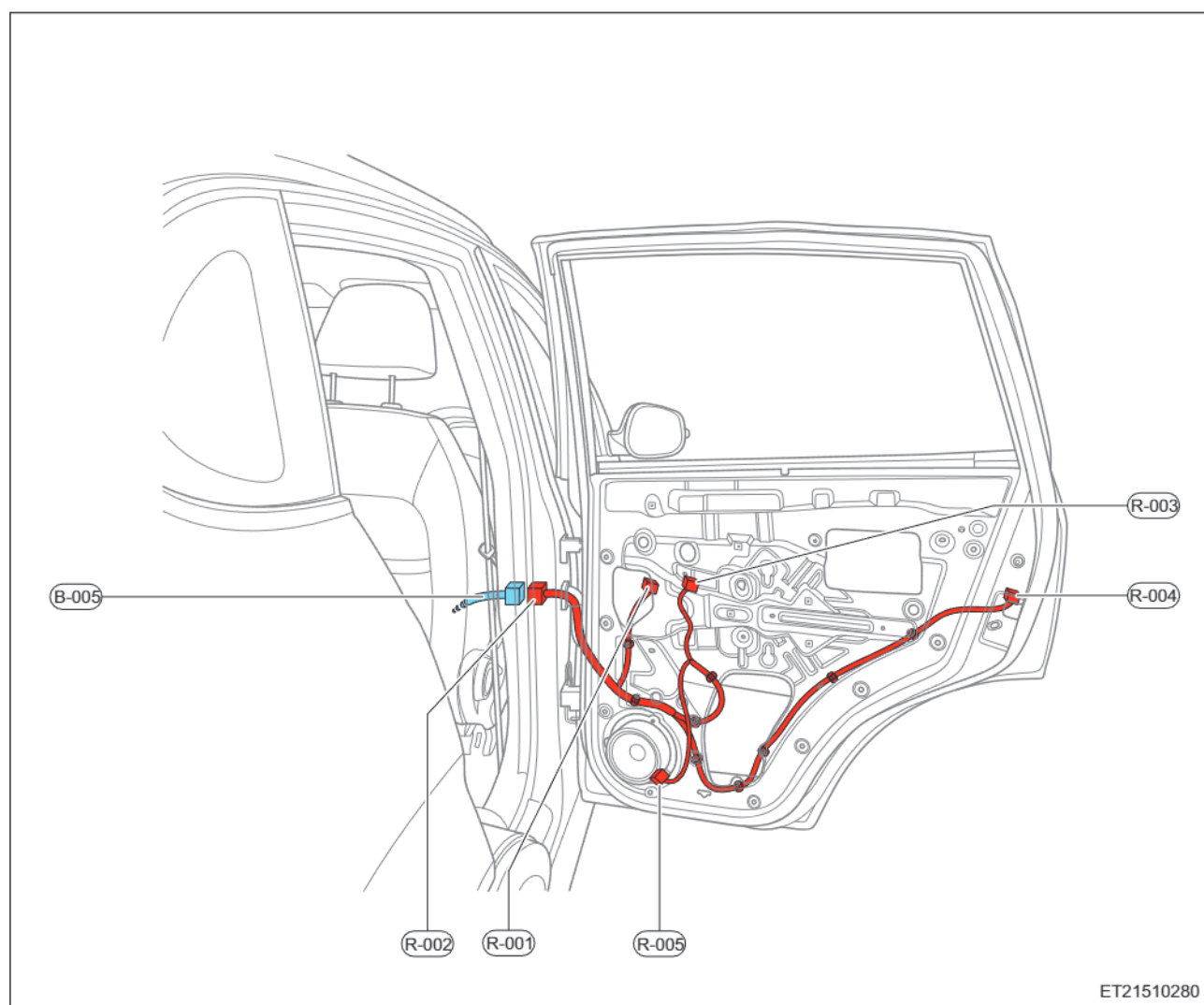
Rear Right Door Wire Harness



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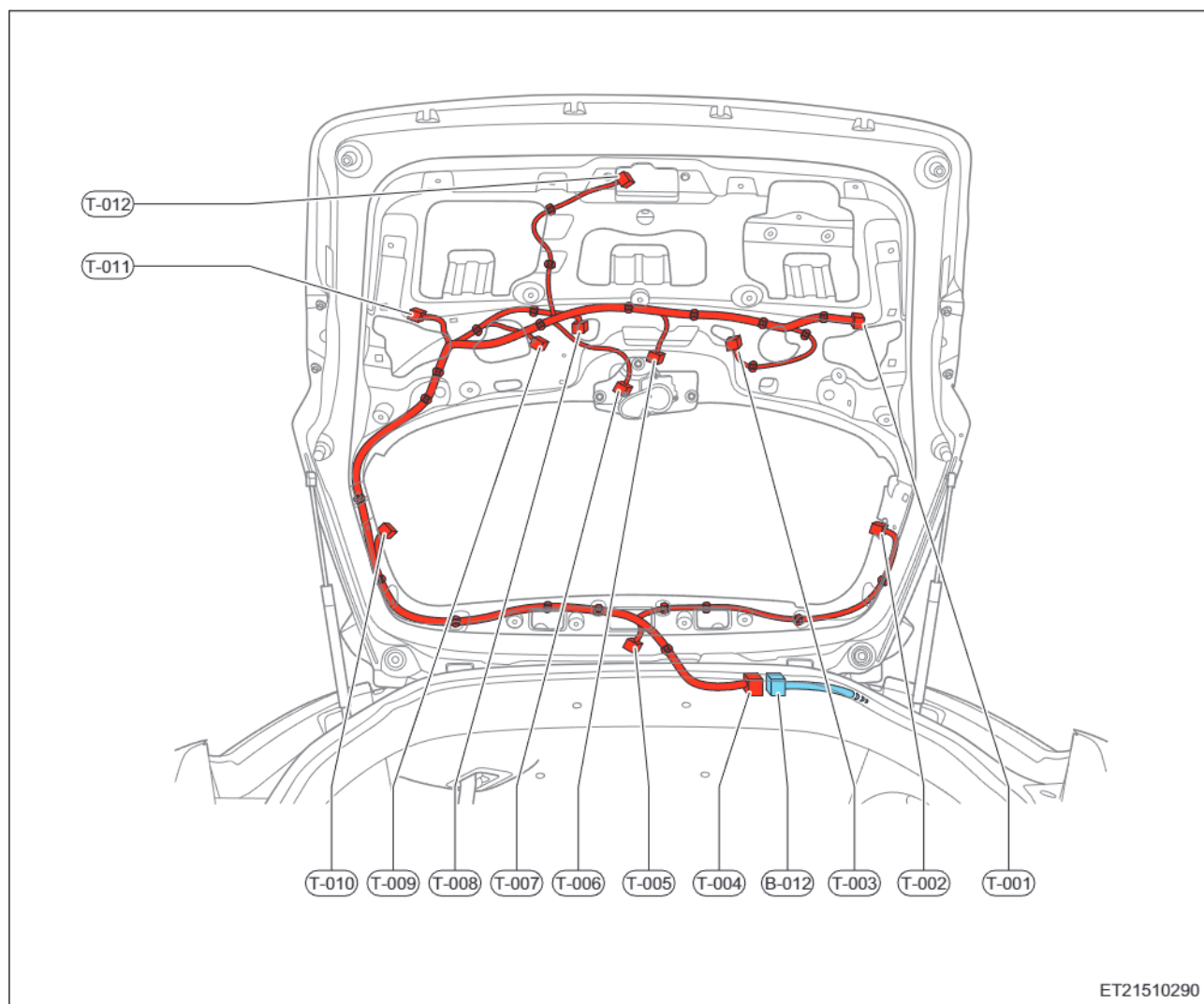
Connector Code	Connector Color/Pin	Connector Name
L-001	B/6	Rear Left Door Contact Switch
L-002	B/10	Rear Left Power Window Switch
L-003	B/2	Rear Left Door Speaker
L-004	Gr/2	Rear Left Power Window Regulator Motor
L-005	W/16	to Body Wire Harness Connector B-026

Rear Right Door Wire Harness



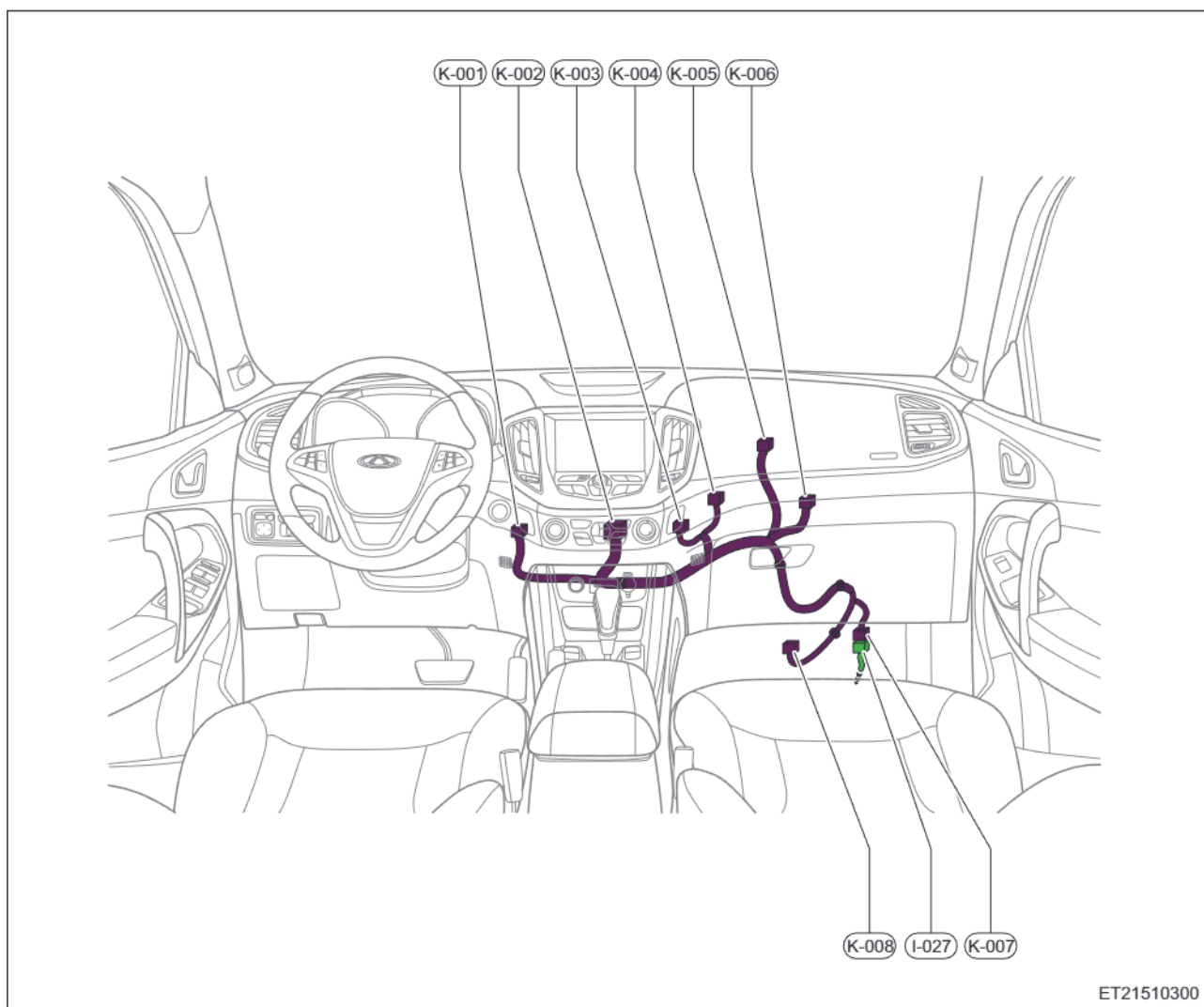
Connector Code	Connector Color/Pin	Connector Name
R-001	Gr/2	Rear Right Power Window Regulator Motor
R-002	W/16	to Body Wire Harness Connector B-005
R-003	B/10	Rear Right Power Window Switch
R-004	B/6	Rear Right Door Contact Switch
R-005	B/2	Rear Right Door Speaker

Back Door Wire Harness



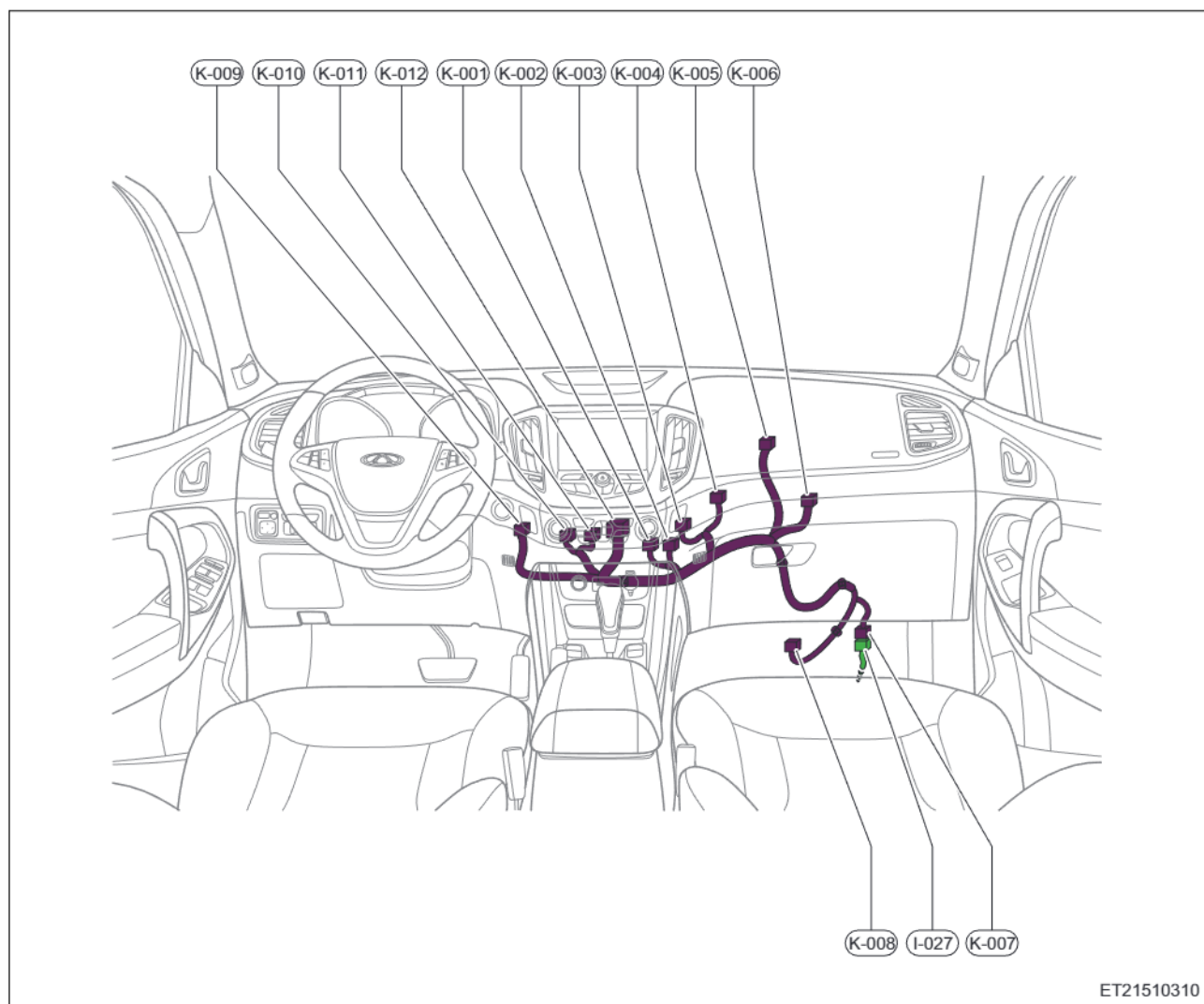
Connector Code	Connector Color/Pin	Connector Name
T-001	B/2	Rear Right Combination Light
T-002	B/1	Defroster Negative
T-003	W/2	Right License Plate Light
T-004	W/15	to Body Wire Harness Connector B-012
T-005	W/2	High Mounted Stop Light
T-006	B/2	Back Door Switch
T-007	W/3	Rear Wiper Motor
T-008	W/2	Left License Plate Light
T-009	B/6	Camera
T-010	B/1	Defroster Positive
T-011	B/2	Rear Left Combination Light
T-012	W/6	Back Door Lock

A/C Wire Harness (for Electrical A/C System)



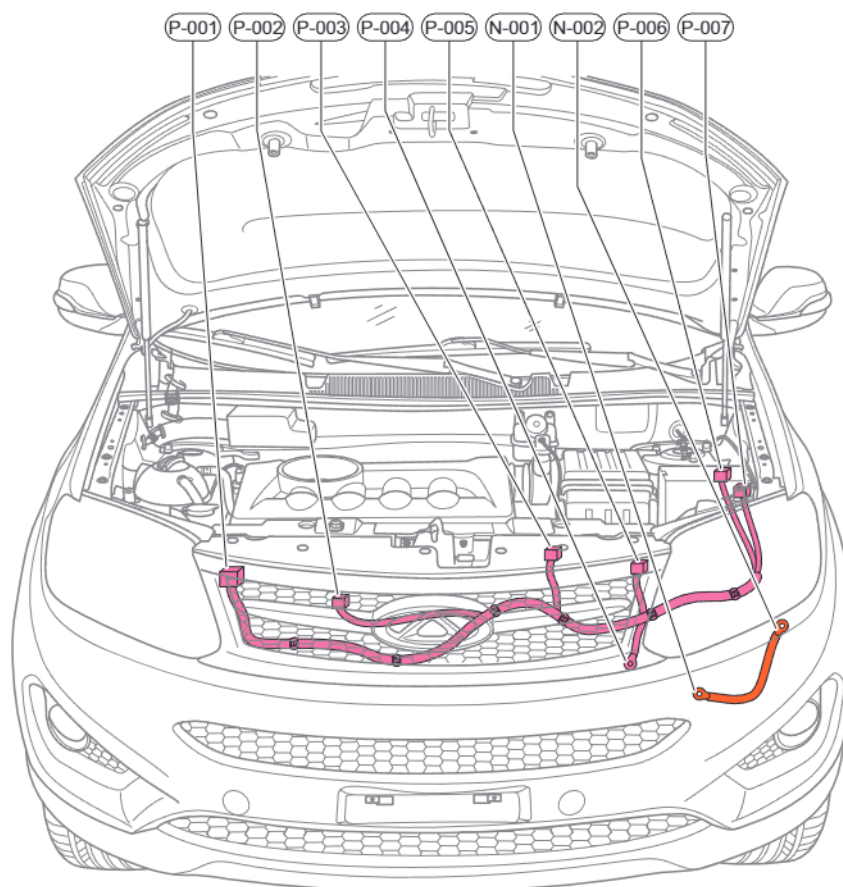
Connector Code	Connector Color/Pin	Connector Name
K-001	B/6	Mode Damper Motor
K-002	W/40	HVAC Control Panel
K-003	B/6	Mixed Damper Motor
K-004	B/6	Speed Resistor
K-005	W/2	Evaporator Temperature Sensor
K-006	B/6	Inner and Outer Circulation Motor
K-007	W/22	to Instrument Panel Wire Harness Connector I-039
K-008	W/2	Blower

A/C Wire Harness (for Automatic A/C System)



Connector Code	Connector Color/Pin	Connector Name
K-001	W/2	Right Room Temperature Sensor
K-002	W/2	Heater Core Sensor
K-003	B/6	Right Mixed Damper Motor
K-004	B/6	Speed Resistor
K-005	W/2	Evaporator Temperature Sensor
K-006	B/6	Inner and Outer Circulation Motor
K-007	W/22	to Instrument Panel Wire Harness Connector I-039
K-008	W/2	Blower
K-009	B/6	Mode Damper Motor
K-010	B/6	Left Mixed Damper Motor
K-011	W/2	Left Room Temperature Sensor
K-012	W/40	HVAC Control Panel

Battery/Ground Wire Harness



ET21510320

Connector Code	Connector Color/Pin	Connector Name
P-001	-	Alternator
P-002	-	Starter
P-003	-	Battery Positive
P-004	-	Body Ground
P-005	-	Battery Negative
P-006	-	Engine Compartment Fuse Box Power Supply 2
P-007	-	Alternator Power Supply
N-001	-	Body Ground
N-002	-	Engine Ground

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