

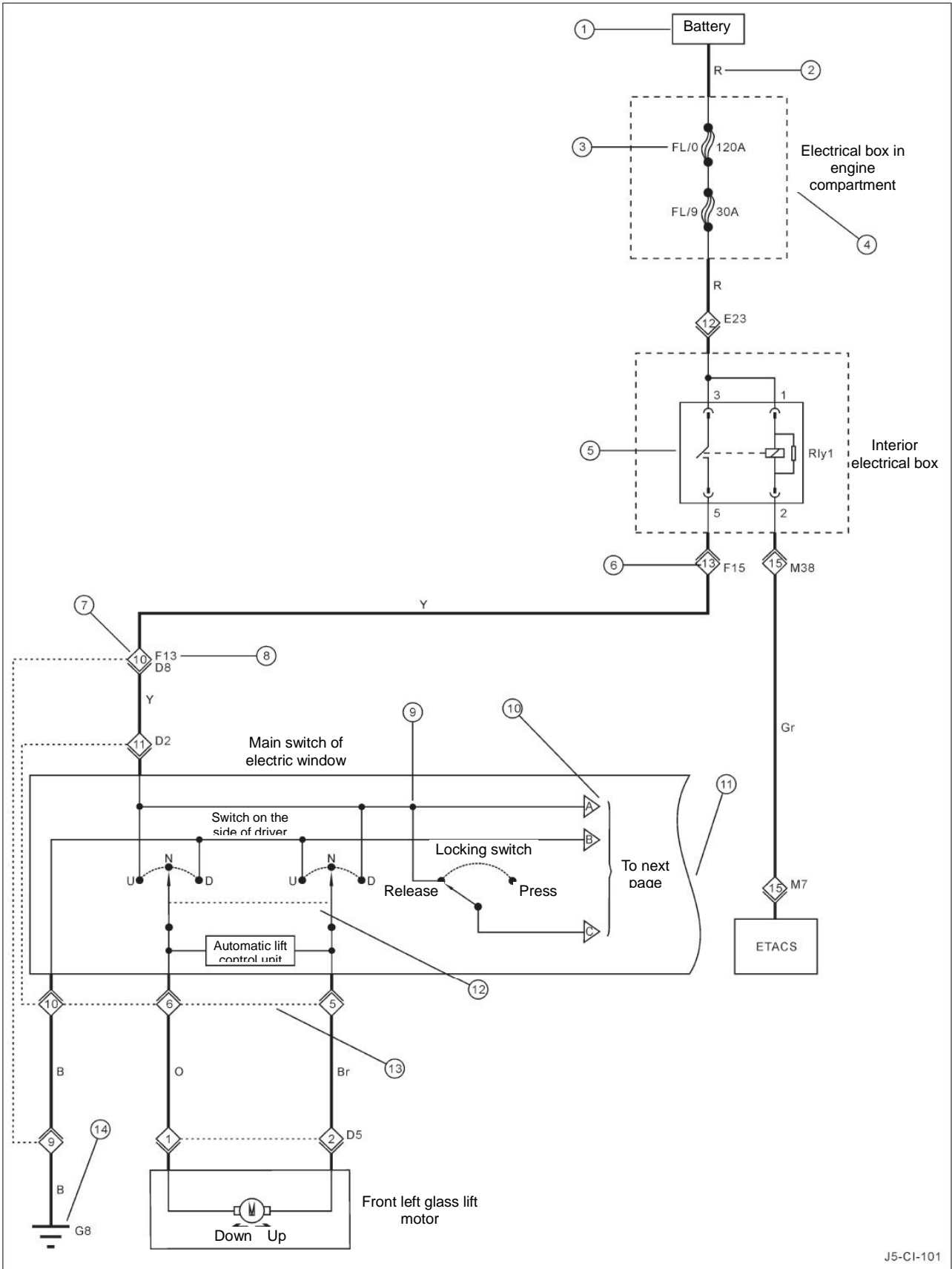
Circuit

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How to use this Manual


How to read the circuit diagram

1. Example of circuit diagram



J5-CI-101

Illustration of circuit diagram

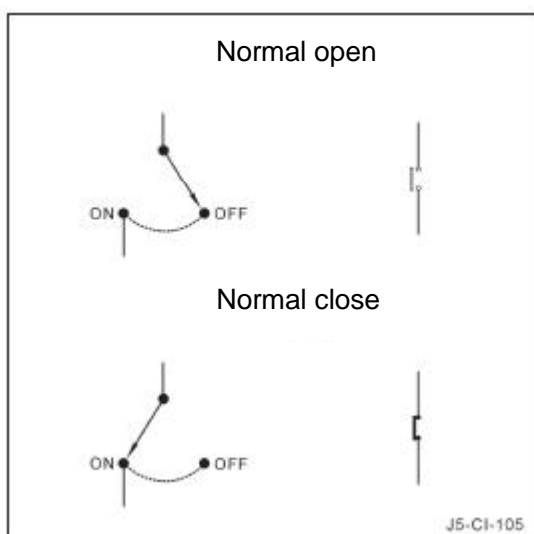
No.	Meaning	Description										
1	Power supply	<ul style="list-style-type: none"> There are four kinds of power supplies, including battery, ACC, IG1 and IG2. For the specific power supply, please refer to the section of "Circuit diagram – power supply system". 										
2	Wire color	<ul style="list-style-type: none"> This indicates the code of wire color. 										
		Br= brown, B= black, O= orange; W= white, R= red, P= pink; Sb= sky blue, V= violet, L= blue, Gr= gray, Y= yellow, G= green, Lg= light green <ul style="list-style-type: none"> When there are stripes on the line, the base color is in front of the stripe color. Example: LW= blue background and white stripe 										
3	Cutout	<ul style="list-style-type: none"> The triple-line indicates the cutout. FL/O indicates the number of this cutout, 120A indicates its rated current; for the position of cutout or fuse in the electrical position, please refer to the section of "Circuit diagram- fuse & relay". 										
	Fuse	<ul style="list-style-type: none"> The double-line indicates the fuse. 										
4	Arrangement of cutout/fuse/relay/circuit breaker	<ul style="list-style-type: none"> This indicates the position of cutout/fuse/relay/circuit breaker on the vehicle body. The frame composed of broken lines indicates that the cutout/fuse/relay/circuit breaker in this frame are in the same electrical box. 										
5	Relay	<ul style="list-style-type: none"> This illustrates the interior of a relay; for the position of relay in the electrical box, please refer to the section of "Circuit diagram- fuse & relay". 										
6	Harness plug terminal	<ul style="list-style-type: none"> It defines the serial number of plug terminal used in the circuit of this system; for the terminal information of corresponding plug, please refer to the section of "Definition of harness plug terminal". 										
7	Harness plug	<ul style="list-style-type: none"> One group of harness plugs contain two plugs, including the male plug and the female plug, which are shown in the following picture: <div style="text-align: center;">  </div> <p style="text-align: right;">J5-CI-102</p>										
8	Number of plug	<ul style="list-style-type: none"> It defines the number of harness plug; please refer to the section of "Harness plug layout" for the plug position, and the section of "Definition of harness plug terminal" for the plug definition. The letter indicates the harness to which the plug belongs, and the digit indicates the serial number; the harnesses are represented by the following letters: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A: Backup radar harness</td> <td style="width: 50%;">B: Power harness</td> </tr> <tr> <td>C: Engine control harness</td> <td>D: Vehicle door harness</td> </tr> <tr> <td>E: Engine harness</td> <td>F: Vehicle frame harness</td> </tr> <tr> <td>M: Main harness</td> <td>R: Roof harness</td> </tr> <tr> <td>T: Tail door harness</td> <td></td> </tr> </table>	A: Backup radar harness	B: Power harness	C: Engine control harness	D: Vehicle door harness	E: Engine harness	F: Vehicle frame harness	M: Main harness	R: Roof harness	T: Tail door harness	
A: Backup radar harness	B: Power harness											
C: Engine control harness	D: Vehicle door harness											
E: Engine harness	F: Vehicle frame harness											
M: Main harness	R: Roof harness											
T: Tail door harness												

No.	Meaning	Description
9	Branch point	<ul style="list-style-type: none"> Inside the electrical device or switch, this indicates the welded point. On the harness, this indicates the splicing wire, and from this point, the power is divided.
10	To another page	<ul style="list-style-type: none"> The arrow indicates that the circuit is connected to the circuit marked by the letter in the arrow on another page. The letter A corresponds to the A on another page of this circuit system.
11	Wavy line unit	<ul style="list-style-type: none"> It indicates that the other part of the electrical device or switch is on another page of this circuit system (indicated by wavy line)
12	Linked switch	<ul style="list-style-type: none"> Two switches connected by broken line compose a linked switch; for the details, please refer to the section of "Description of multi-way switch". Example: when the switch is pressed to lift the glass, the two switches will turn to U position together.
13	Identical plug	<ul style="list-style-type: none"> The dash-dotted line between terminals indicates that those terminals belong to the same plug.
15	Grounding wire	<ul style="list-style-type: none"> It indicates the system is grounded.

2. Description of plug and switch

(a) The order of plug terminals in the circuit is the order viewed from the port.

	Order of terminal number	Caution
Female plug		Read the number from right top to left bottom.
Male plug		Read the number from left top to right bottom



(b) Switch position

The switch position shown in the circuit diagram is the position when the vehicle is at the normal state.

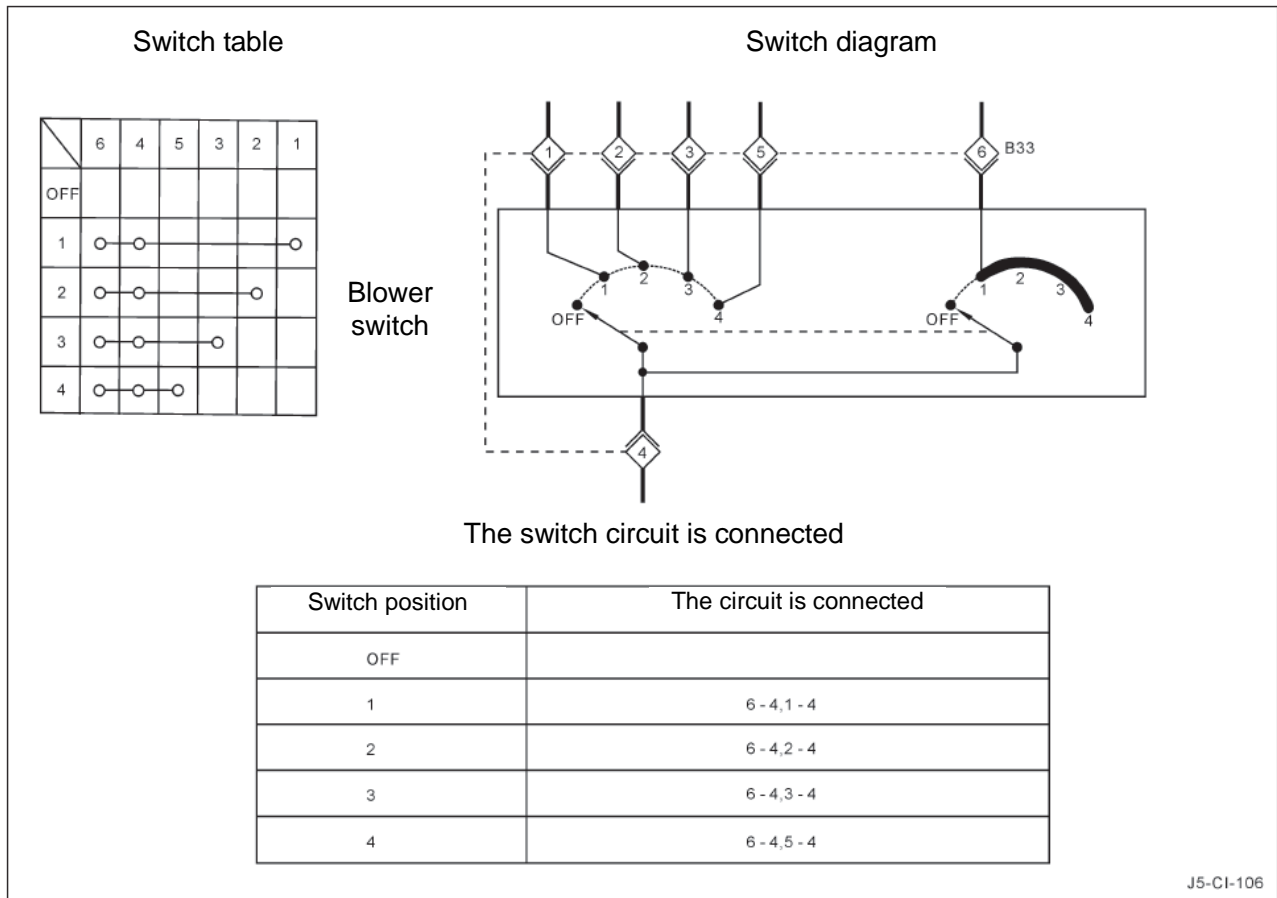
Normal state of vehicle:

- The ignition switch is at OFF position.
- The vehicle door is closed.
- The accelerator pedal is not depressed, and the parking brake is released.

3. Description of multi-way switch

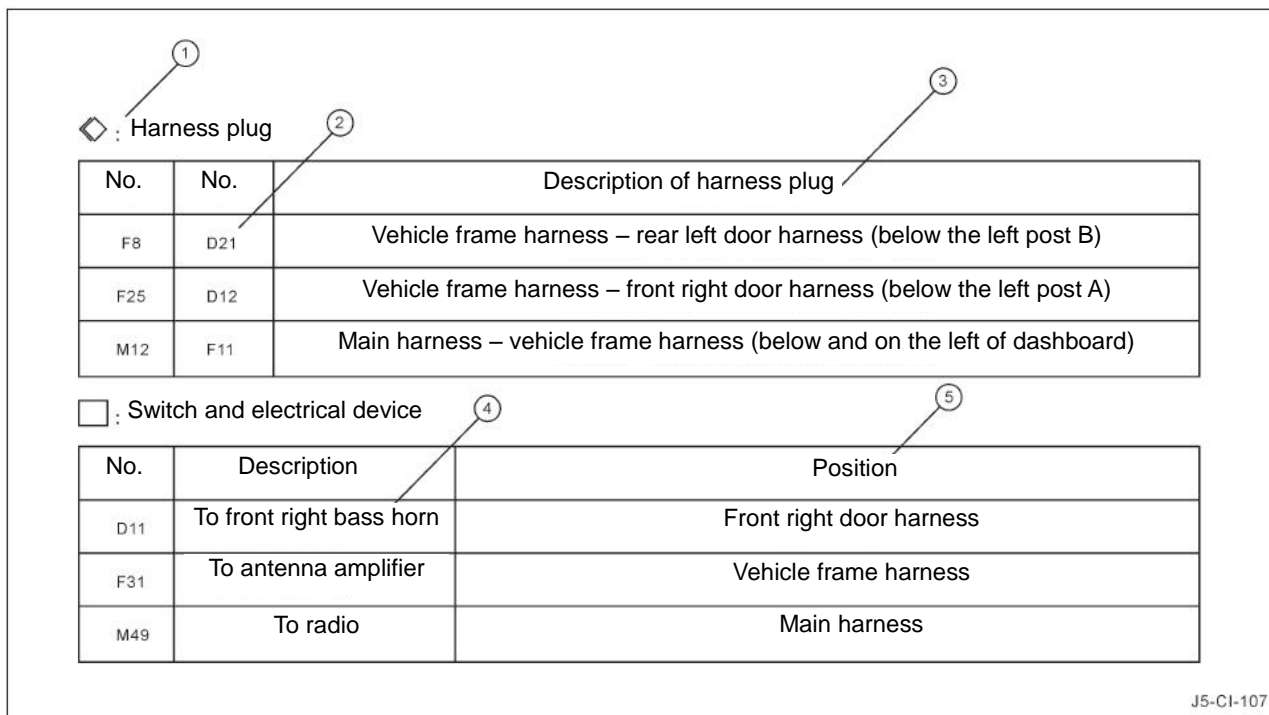
The connection of multi-way switch is indicated by the following two methods:

- The switch table is used to principle diagram.
- The switch diagram is used for circuit diagram.



4. Description of plug index

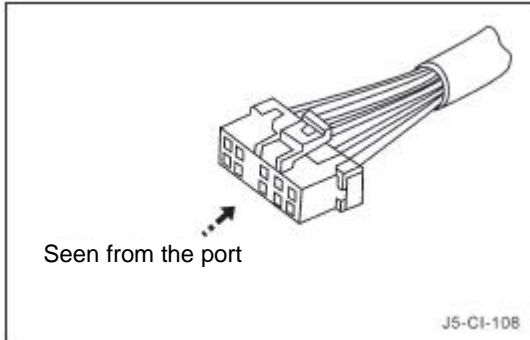
Each circuit system is followed by the descriptions of harnesses, switches and electrical devices related to this circuit system, as shown in the following diagram:



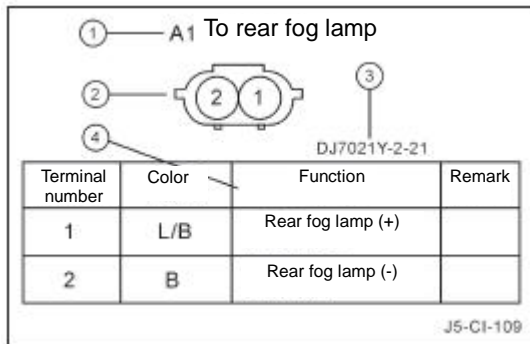
No.	Meaning	Brief introduction
1	Harness plug	The plug of every harness of whole vehicle related to this circuit system.
2	Number of harness plug	Number of harness plug, facilitating the query of the terminal function in the definition of corresponding harness plug terminal.
3	Description of harness plug	The harness to which the connected plug belongs, and the position of this connection point.
4	Description of switch and electrical device	Number and name of plug connected to the switch and electrical device, facilitating the query of the terminal function in the definition of corresponding harness plug terminal.
5	Plug position of switch and electrical device	To indicate the plug position, so as to facilitating the query of the position of this plug in the harness plug layout.

How to read the definition of plug terminal

This section describes the shape of each plug, the color and function definition of each wire shown in the circuit diagram.



The shape of each plug is seen from the port.



No.	Meaning	Brief introduction
1	Self-defined number	According to the number defined by the harness to which the plug belongs, one plug corresponds to one number, and used for the drawing of circuit diagram.
2	Shape of plug	To describe the outline of plug and the arrangement of pins in the plug.
3	Number of plug	To facilitate the internal search of JAC Company
4	Information of plug	To define the color and function of terminal and wire

Guide for fault inspection

1. Fault inspection procedure

Check the fault by the following five steps:

(a) Confirm the customer's complaint.

To ensure the correct service, the faulted circuit fed back by the customer should be tested and recorded, and never disassembled before the cause is confirmed.

(b) Read and analyze the circuit diagram

Analyze and judge the whole circuit from power supply to grounding point according to the circuit diagram of the system, and determine the operation method. If it is impossible to determine the operation method, it is needed to see the operation reference of circuit, and test other circuits sharing the same device with the faulted circuit, for example, refer to the universal system circuit of cutout, grounding and switch on the circuit diagram. The universal circuit that is not checked in the first stage should be checked. If the universal circuit is normal, the fault is on the own circuit; if more than one circuit is wrong, the cutout or grounding may be in trouble.

(c) Check the circuit and parts

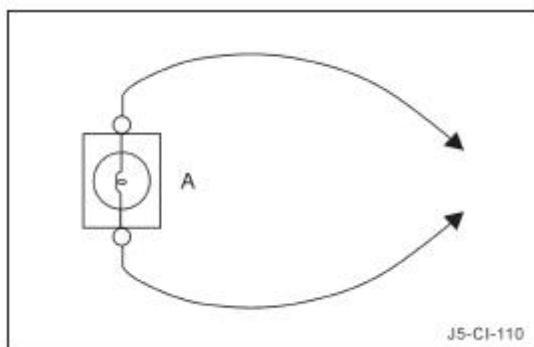
The second stage of inspection should be performed with the tester. The effective fault diagnosis should be a logic and simple operation. The fault cause should be found out by the fault diagnosis procedure or fault diagnosis table. The inspection should start from the most possible cause and the part easiest to check.

(d) Repair

Find out the fault and take necessary methods to solve the fault.

(e) Confirm the operation of circuit.

After repair, the circuit should be retested in order to confirm that the fault has been eliminated. If the cutout is burnt out, all the circuits sharing this cutout should be tested.



2. Fault diagnosis devices

(a) Voltmeter and test lamp

- The circuit state can be checked with the test lamp or voltmeter, and the voltage can be checked with the test lamp which is composed of a pair of wires and a 12V bulb. During inspection, one wire is grounded, and the other wire is connected to a measurement point. If the test lamp comes on, there is power supply at this point.

A: test lamp

Caution:

When testing the voltage of electronic control module, for example the voltage of engine control module (ECM) adopted by the electronic fuel injection engine, the digital voltmeter of 10M or with a higher resistance shall be adopted. If the test lamp is used to check the circuit of this module, the internal circuit of this module may be damaged, so the electronic circuit shall not be tested by the test lamp.

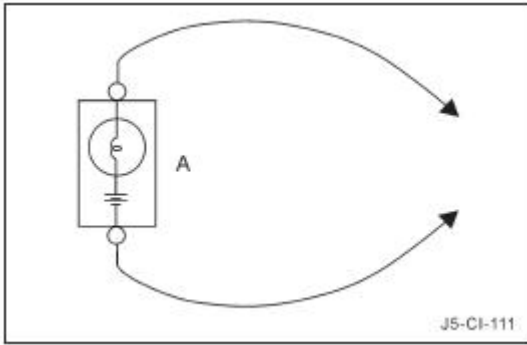
- The operation method of voltmeter is almost the same as that of test lamp; the only difference is that the test lamp can only check the existence of power supply, but the voltmeter can show the voltage.

(b) Test lamp with own power and ohmmeter

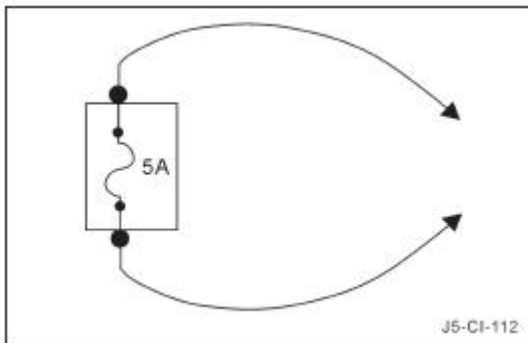
- The test lamp with own power or ohmmeter can be used to check if the circuit is connected. The test lamp with own power is composed of the bulb, cell and two wires. The bulb will come on when the two wires are connected. Before test, the battery negative wire should be removed and the fuse of this circuit should be unplugged.

Caution:

The circuit of test lamp module with own power may damage the internal circuit so the electronic circuit shall not be tested by the test lamp with own power.



- The operation method of ohmmeter is almost the same as that of test lamp with own power; however, the ohmmeter can show the resistance. The low resistance indicates the good connection.
 - The semiconductor element shall be tested by the digital multimeter of 10M or with a higher resistance. To check the resistance by the digital multimeter, the battery negative wire should be disconnected, in order to avoid the wrong resistance. When measuring the resistance by the ohmmeter, the diode or semiconductor unit in the circuit may affect the measurement. To check if the unit affects the measurement, it is necessary to measure one value, and then change the polarity to measure another value. If the two values are different, the semiconductor unit affects the measurement.
- A: Test lamp with own power.



(c) Jumper with fuse link

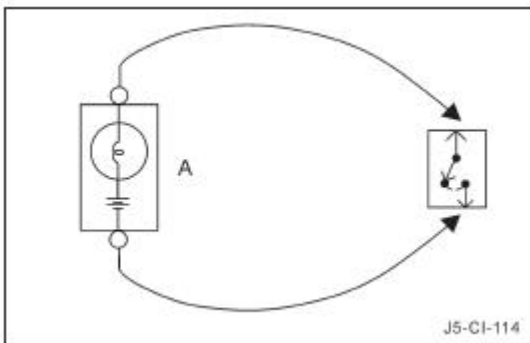
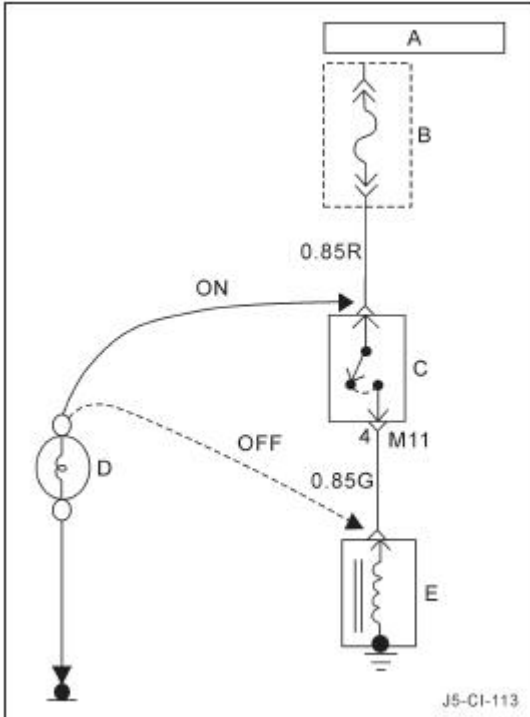
- Use the jumper to check the open-loop circuit.
- The jumper is connected to the wire to be tested in series, and can be used together with most of wire pugs under the condition that the wire plug is not damaged.

Warning:

In order to protect the tested circuit, never use the jumper with fuse line with a capacity higher than the rated capacity. The jumper shall not be used instead of output or input signal when such control modules as ECM and TCM are connected.

(d) Short circuit tester

The short circuit tester can find out the position of short circuit. When checking the short circuit, the short circuit tester can produce a pulse magnetic force and thus show the position of short circuit.



3. Fault test

(a) Voltage test

Check if there is any voltage at a point. To check one terminal of wire connector, the wire connection cannot be separated, and the test is done on the back of wire plug.

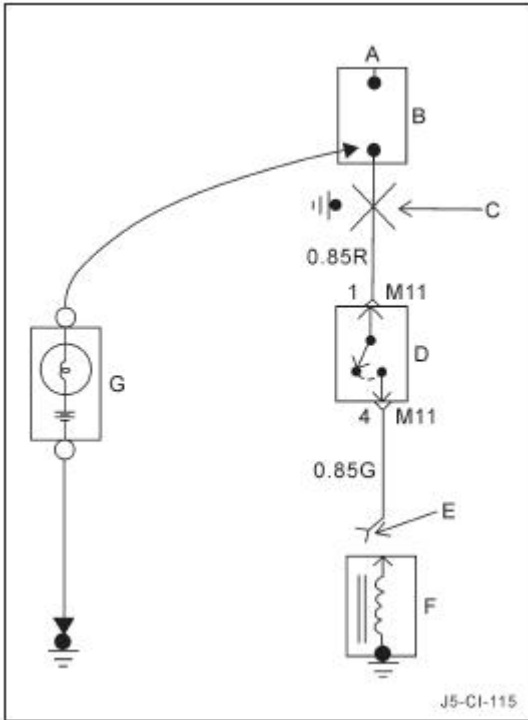
- ① To check the voltage by test lamp or voltmeter, firstly connect the negative pole of the measurer to the battery negative pole.
- ② Then connect the other wire of test lamp or voltmeter to the position to be tested.
- ③ If the test lamp is adopted, and the test lamp comes on, then there is the power supply. If the voltmeter is adopted and the reading of voltmeter is lower than the specified value by above 1V, then the circuit is in trouble.

A. Normal on B. Instrument fuse box C: switch
D: Test lamp or voltmeter E: Coil

(b) Power-on test

- ① Dismount the battery negative pole.
- ② Connect one wire of test lamp with own power or ohmmeter to the tested position. When the ohmmeter is adopted, firstly connect the two wires of ohmmeter shortly and adjust the ohmmeter to zero by zero-setting device.
- ③ Connect the other wire of tester to the other terminal of the load to be tested.
- ④ If the test lamp with own power comes on, then the circuit is connected; if the ohmmeter is adopted, and the resistance is very low or close to 0, then the circuit is connected well.

A: Test lamp with own power or ohmmeter



(c) Short circuit test

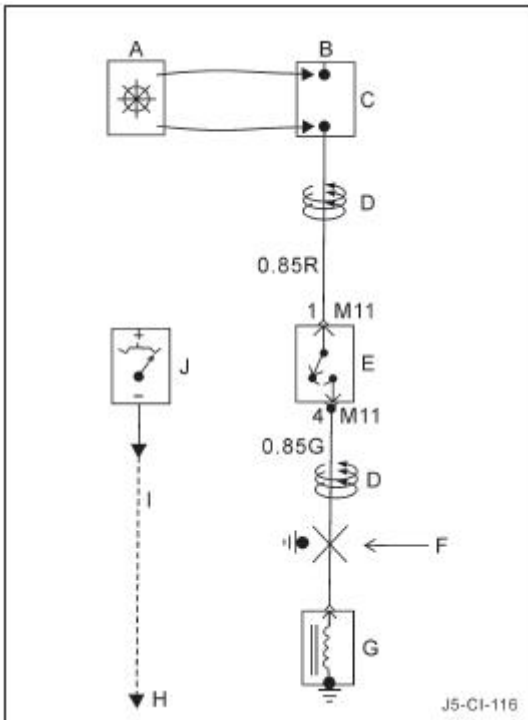
- ① Disconnect the battery negative pole.
- ② Connect one wire of the test lamp with own power or the ohmmeter to one terminal of the fuse link.
- ③ Ground the other wire of the test lamp with own power or the ohmmeter.
- ④ Check the harness near the fuse box one by one, till reach the position 15cm or so to the test lamp with own power or the ohmmeter.
- ⑤ If the test lamp with own power comes on or the ohmmeter shows the resistance, the circuit from this point to grounding point is connected shortly.

A: Disconnect the battery

B: Fuse box (without fuse) C: Short circuit

D: Switch E: Disconnect the load

F: Coil G: Test lamp with own power or ohmmeter



(d) Test the short circuit by short circuit tester

- ① Unplug the burnt fuse link, and dismount the battery negative pole.
- ② Connect the short circuit tester to the terminal of fuse link.
- ③ Turn on the switch to check the circuit.
- ④ When the short circuit tester moves to the position of short circuit, it will produce the pulse magnetic force between fuse link and short circuit position.
- ⑤ Move the short circuit tester gradually along the wire from the fuse box; as long as the short circuit tester is between fuse link and short circuit position, the finger will move with the pulse current. If the tester moves beyond the short circuit position, the finger will stop.

A: Short circuit tester B: Disconnect the power supply C: Fuse box (without fuse)

D: Pulse magnetic field E: Switch F: Short circuit G: Coil H: The point where the finger stops moving

I: Move the instrument along the circuit

J: Instrument

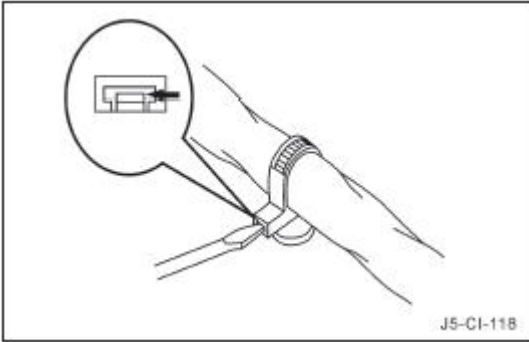
4. Inspection cautions

(a) Battery wire

Before disconnecting the plug or dismantling the parts of electrical device, firstly disconnect the battery negative wire.

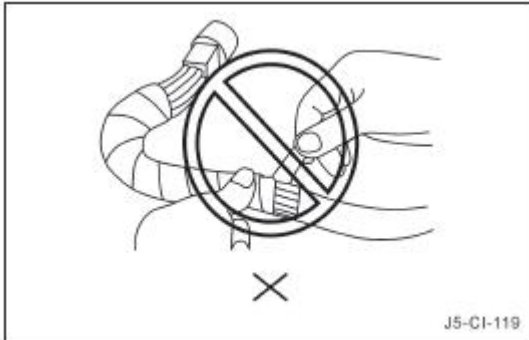
A: Battery negative wire



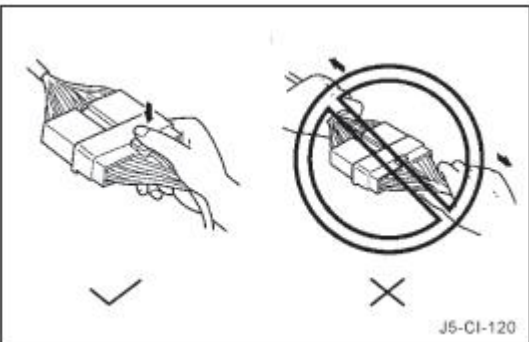


(b) Harness

- If the harness is dismantled from the vehicle frame or body wire clip, please pry up the locking device on the wire clip by the flat-slotted screwdriver.

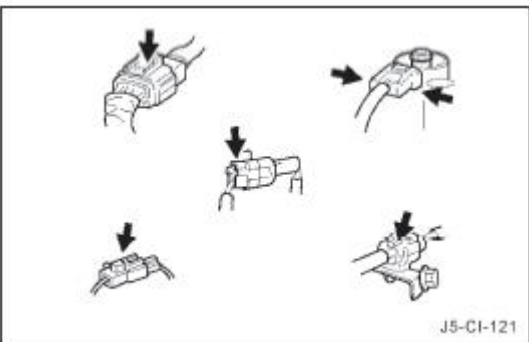


- Never remove the protective adhesive tape wrapping the harness; otherwise, the wire will rub with the parts, resulting in water leakage and short circuit.

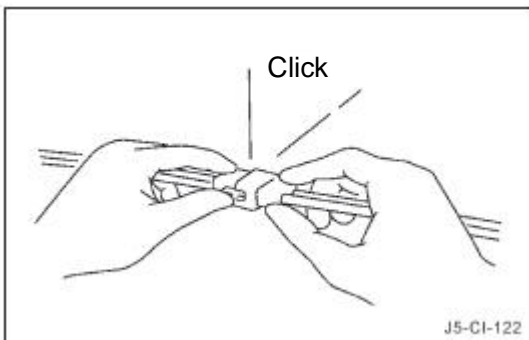


(c) Disconnect the plug

- To disconnect the plug, please hose the plug pin and socket, and not the wire directly.

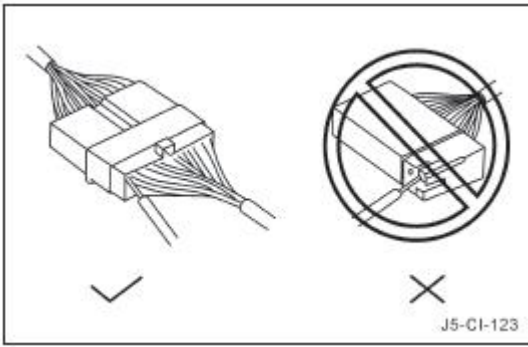


- Disconnect the plug by pressing or pulling up the locking handle; never disconnect the plug forcefully.



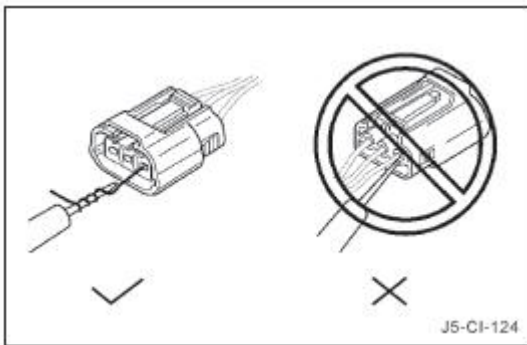
(d) Lock the plug.

To lock the plug, when a clicking sound is heard, the plug has been locked.

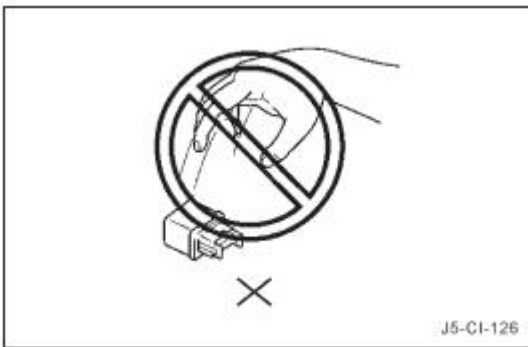


(e) Test the circuit.

- When checking the circuit continuity and measure the circuit voltage by a tester, insert the probe of tester from plug harness.



- For the waterproof plug, it is impossible to insert the probe from plug harness, so it should be checked from plug. Meanwhile, in order to avoid damaging the wiring side, wrap the probe with a piece of thin wire before it is inserted into the wiring side.



(f) Sensor, switch and relay

Carefully operate the sensor, switch and relay, and never drop them or impact with them with other objects.

SAE J1930 glossary

The following table lists all the emission-related terms adopted in this manual and in conformity with SAE J1930.

SAE standard terms	SAE standard abbreviations
Accelerator pedal	AP
Air conditioner	AC
Camshaft position sensor	CMP sensor
Closed throttle position	CTP
Data link plug (diagnosis socket)	DLC
Fault diagnosis code	DTC
Engine control module (engine ECU)	ECM
Engine coolant temperature sensor	ECT sensor
Fan control (electronic cooling fan)	FC
Generator (AC generator)	GEN
Heated oxygen sensor	HO ₂ S
Idle air control valve	IAC valve
Intake air temperature sensor	IAT sensor
Knock sensor	KS
Mass air flow sensor	MAF sensor
Intake manifold absolute pressure sensor	MAP sensor
Multi-point fuel injection	MFI
Malfunction indicator lamp	MIL
On-board diagnosis system	OBD system
Engine Tachometer	RPM sensor
Throttle body	TB
Vehicle speed sensor	VSS

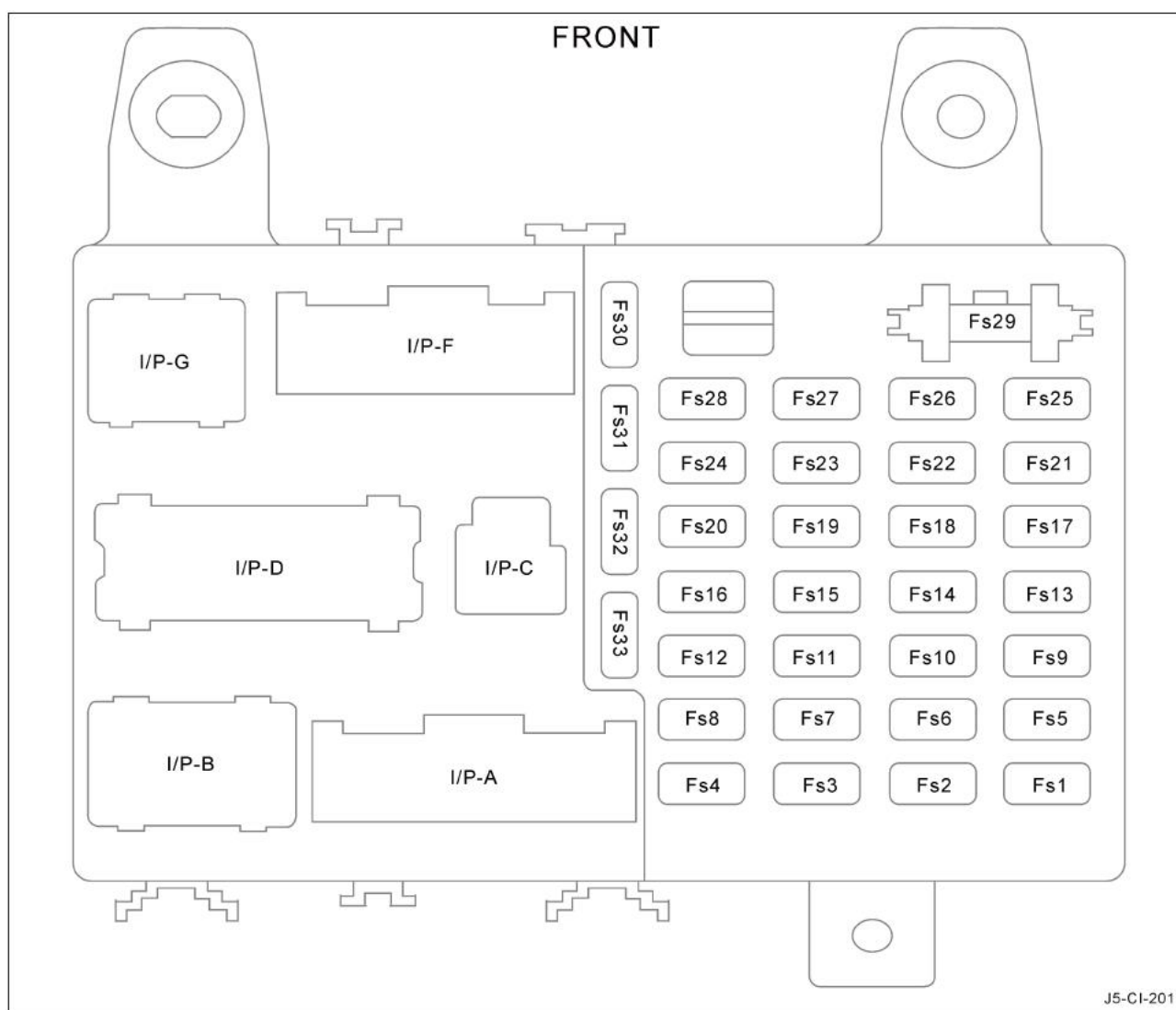
Circuit diagram

The diagnosis of each circuit system starts from circuit diagram. Those circuit diagrams illustrate the whole operation process of each system in details, including the power supply, negative grounding and plug terminal of electrical load, and the fuse, switch and electrical device composing the circuit. To diagnose and eliminate the circuit fault, it is needed to understand the circuit diagram completely first of all.

Note: before reading the circuit diagram, please read the section of “How to use this manual”.

Fuse and relay

Interior electrical box

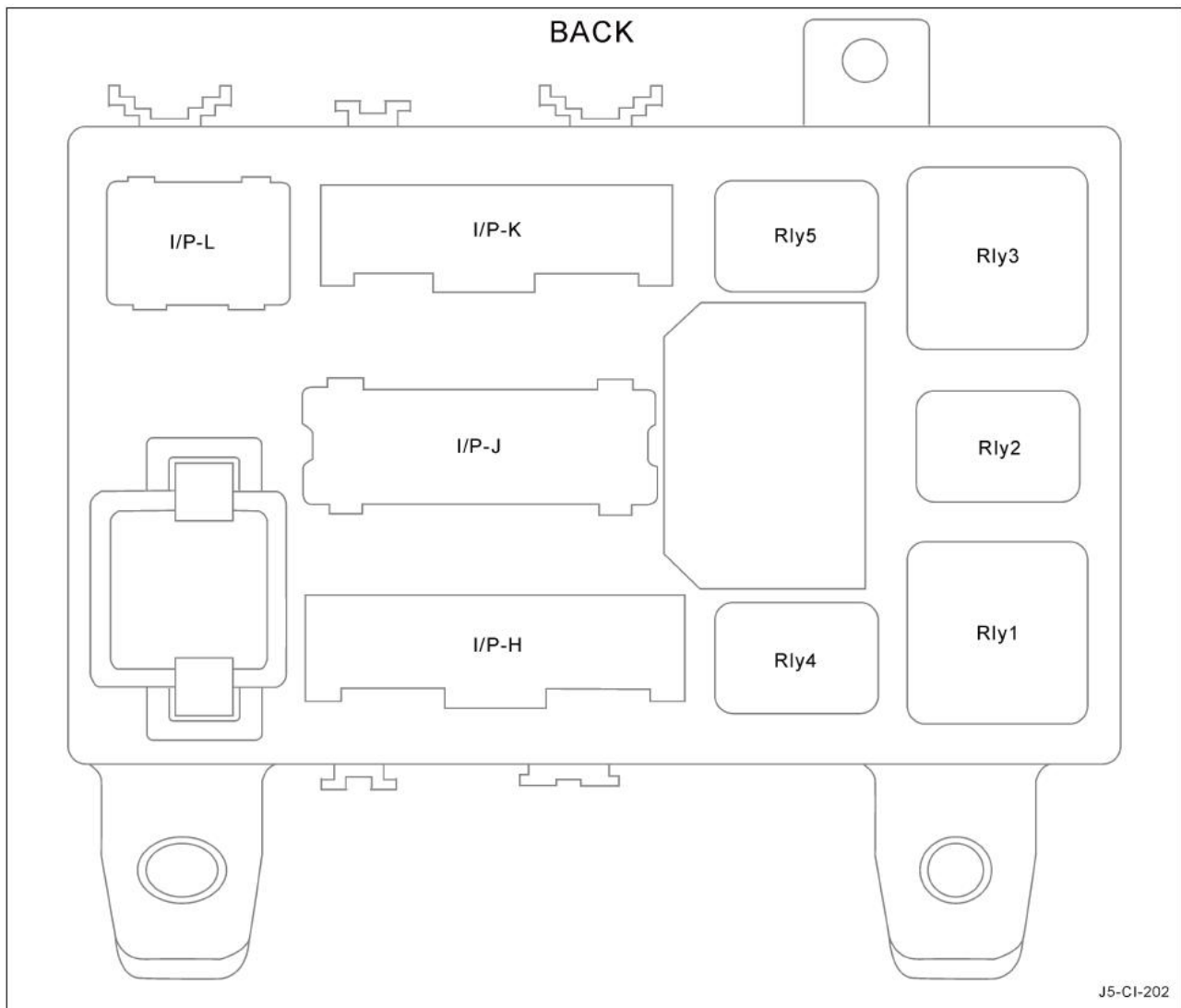


Fuse



No.	Designation	Rated current	Remark
Fs1	-	10A	Reserved
Fs2	Left small lamp	10A	
Fs3	-	10A	Reserved
Fs4	Radio player	10A	
Fs5	Turn lamp	10A	
Fs6	Right small lamp	10A	

No.	Designation	Rated current	Remark
Fs7	Combined instrument	10A	
Fs8	On-board power supply	20A	
Fs9	ABS	10A	Reserved
Fs10	SRS controller	15A	
Fs11	Central-controlled door lock, skylight	20A	
Fs12	ETACS	15A	
Fs13	Start relay	10A	
Fs14	-	-	Reserved
Fs15	-	-	Reserved
Fs16	-	30A	Reserved
Fs17	Exterior rear-view mirror heater	10A	
Fs18	ECU	7.5A	
Fs19	Brake lamp	15A	
Fs20	Hazard warning lamp	15A	
Fs21	Front wiper	20A	
Fs22	Rear fog lamp	10A	
Fs23	Air conditioner controller	10A	
Fs24	Skylight	10A	
Fs25	Electric heater	30A	
Fs26	backup lamp	10A	
Fs27	Front fog lamp	15A	
Fs28	Automatic light sensor lamp	15A	
Fs29	Instrument, interior lamp	10A	
Fs30	-	30A	Standby
Fs31	-	20A	Standby
Fs32	-	15A	Standby
Fs33	-	10A	Standby



Relay

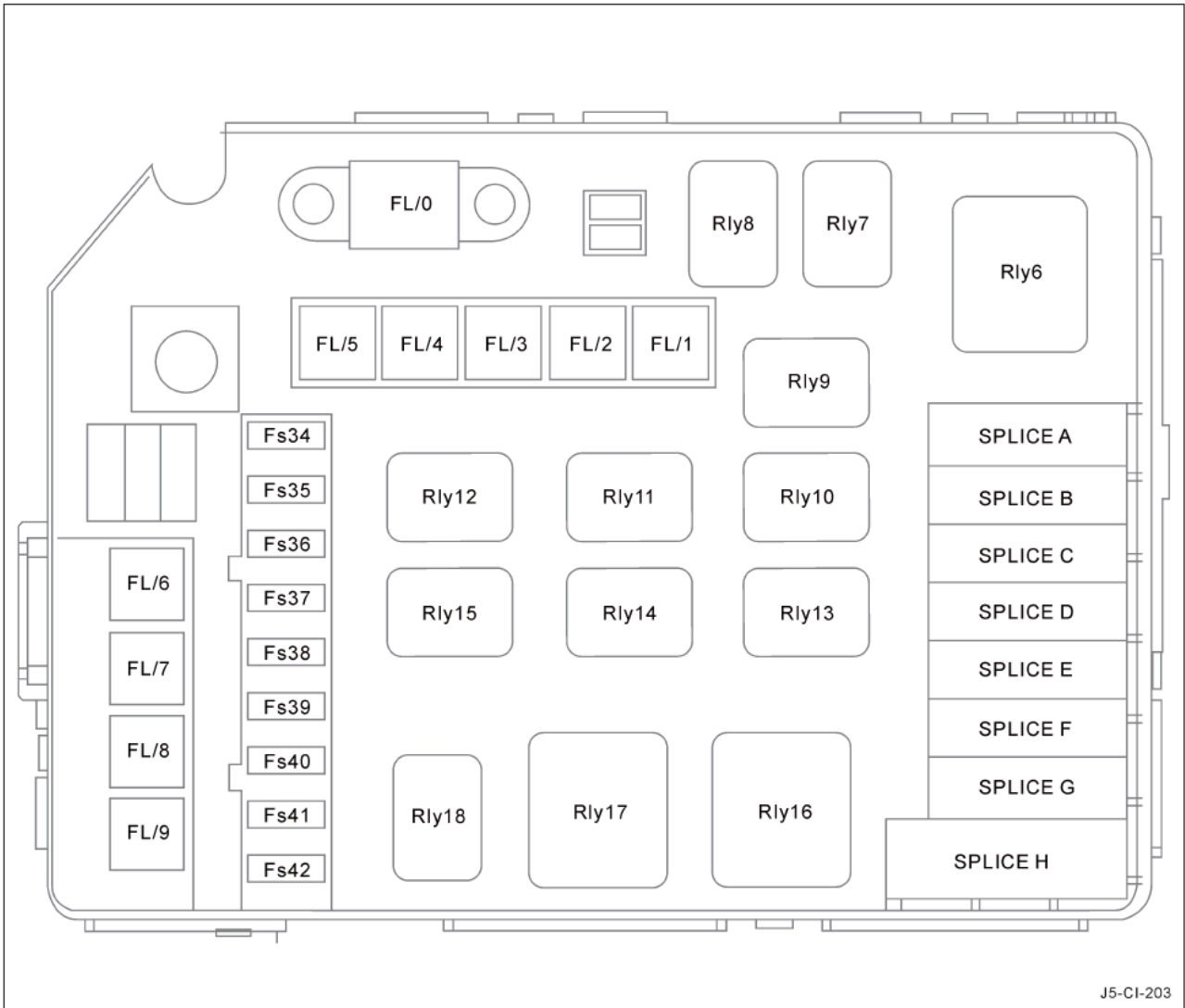


No.	Designation	Remark
Rly1	Glass lift relay	
Rly3	Rear defrosting relay	



No.	Designation	Remark
Rly2	Small lamp relay	
Rly4	Rear fog lamp relay	
Rly5	Front fog lamp relay	

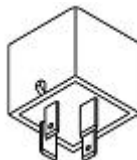
Electrical box in engine compartment



Relay



No.	Designation	Remark
Rly6	Condenser fan relay 2	



No.	Designation	Remark
Rly16	Start relay	
Rly17	Main relay	



No.	Designation	Remark
Rly14	Front wiper relay	



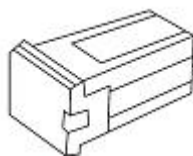
No.	Designation	Remark
Rly7	Radiator fan relay	
Rly8	Low beam relay	
Rly9	Condenser fan relay 1	
Rly10	Fuel pump relay	
Rly11	Air conditioner relay	
Rly12	High beam relay	
Rly13	Horn relay	
Rly15	Cigar lighter relay	
Rly18	-	Reserved

Fuse



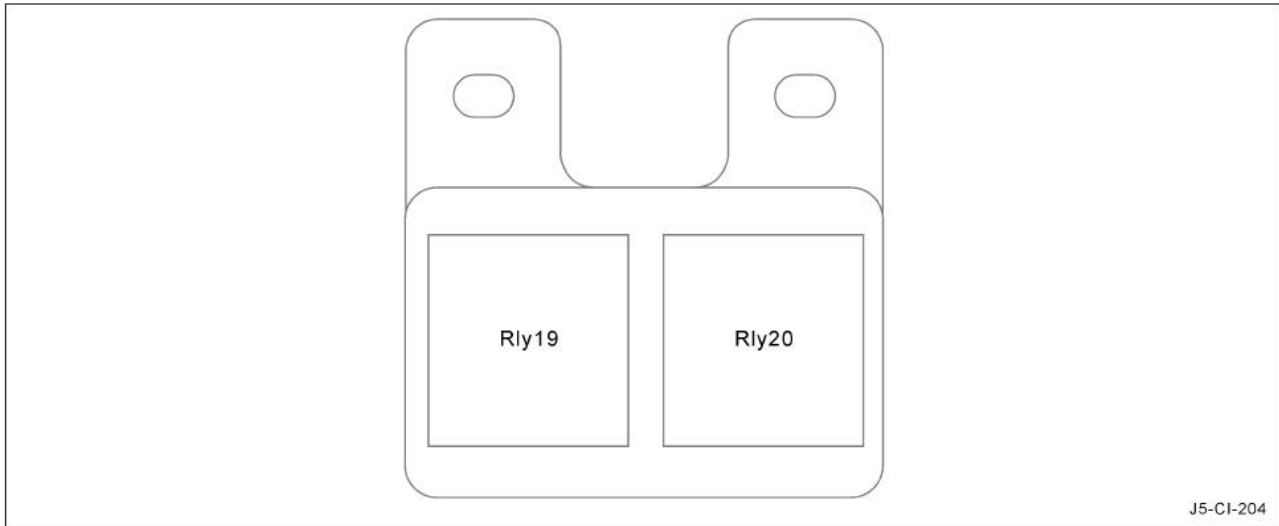
No.	Designation	Rated current	Remark
Fs34	ECU	15A	
Fs35	ECU	15A	
Fs36	-	10A	Reserved
Fs37	-	20A	Reserved
Fs38	Cigar lighter	25A	
Fs39	Anti-theft controller	10A	
Fs40	Electric horn	15A	
Fs41	High beam lamp	15A	
Fs42	Low beam lamp	15A	

Cutout



No.	Designation	Rated current	Remark
FL/O	Main cutout	120A	
FL/1	Ignition switch cutout	40A	
FL/2	ECU cutout	30A	
FL/3	Cutout of condenser fan 2	20A	
FL/4	Cutout of condenser fan 1	20A	
FL/5	Battery cutout	50A	
FL/6	ABS1 cutout	40A	
FL/7	ABS 2 cutout	25A	
FL/8	Air heater cutout	30A	
FL/9	Electric window cutout	30A	

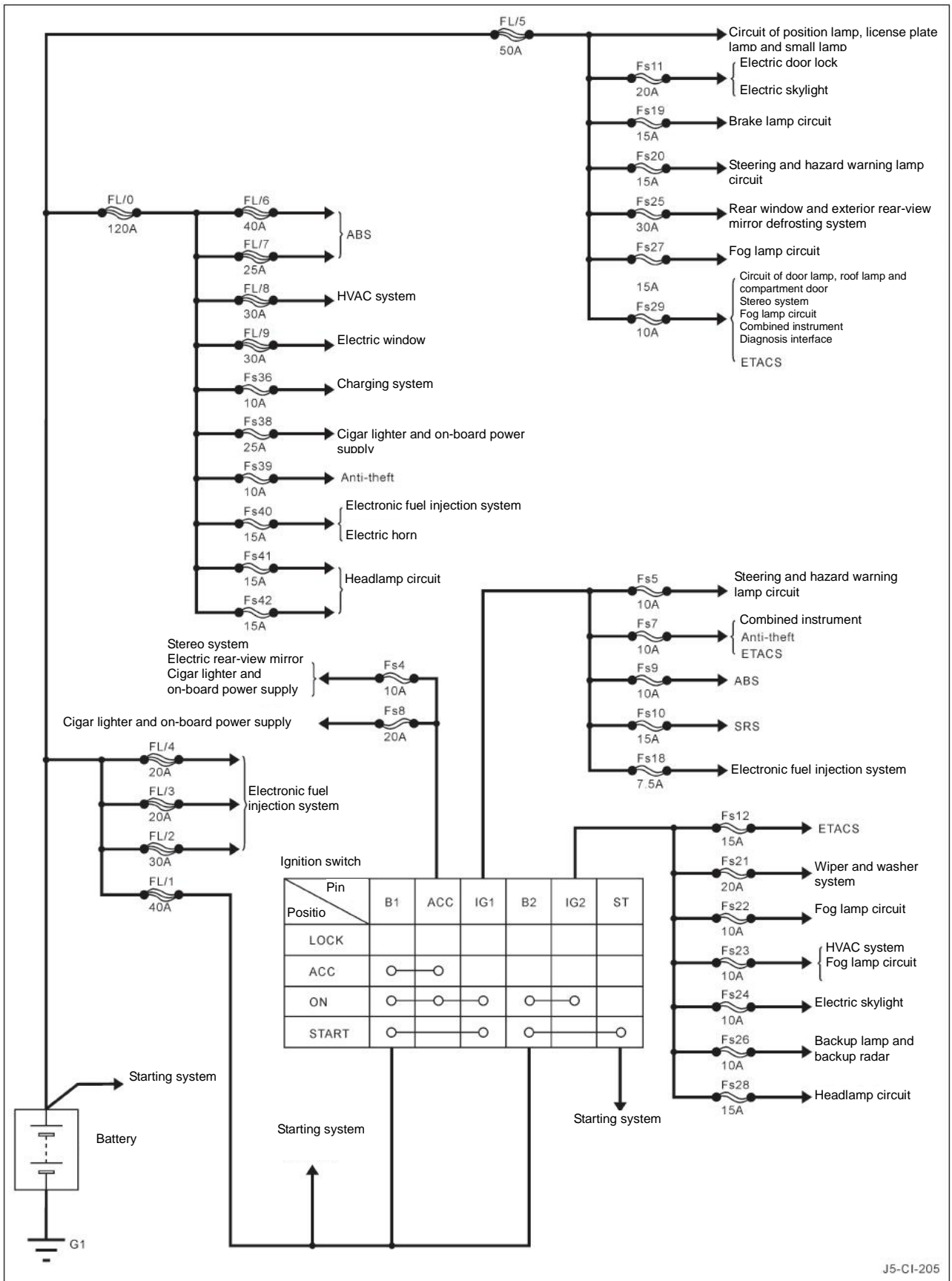
Small relay holder



No.	Designation	Remark
Rly19	Flasher	
Rly20	Hazard warning relay	

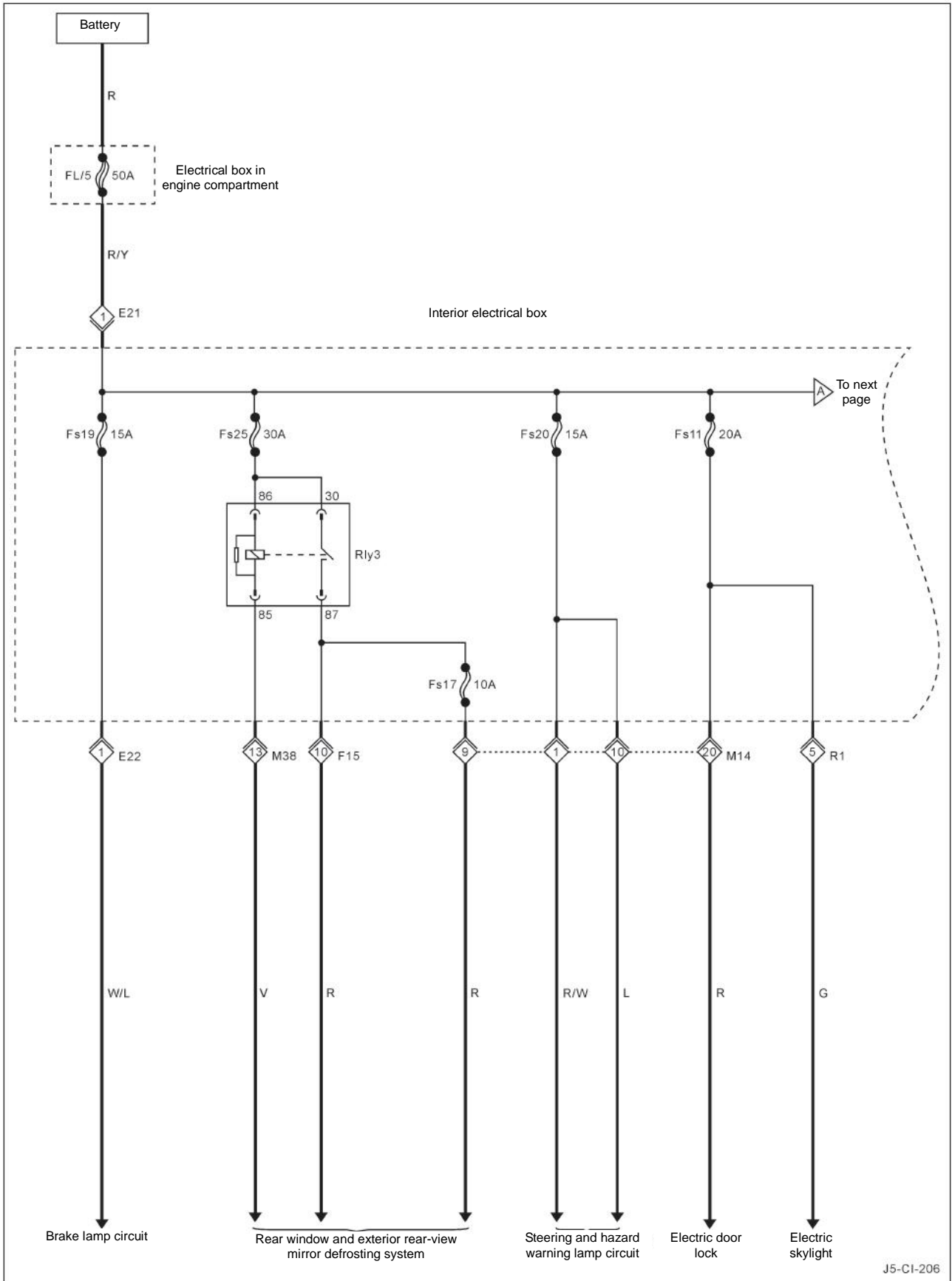
Power supply system

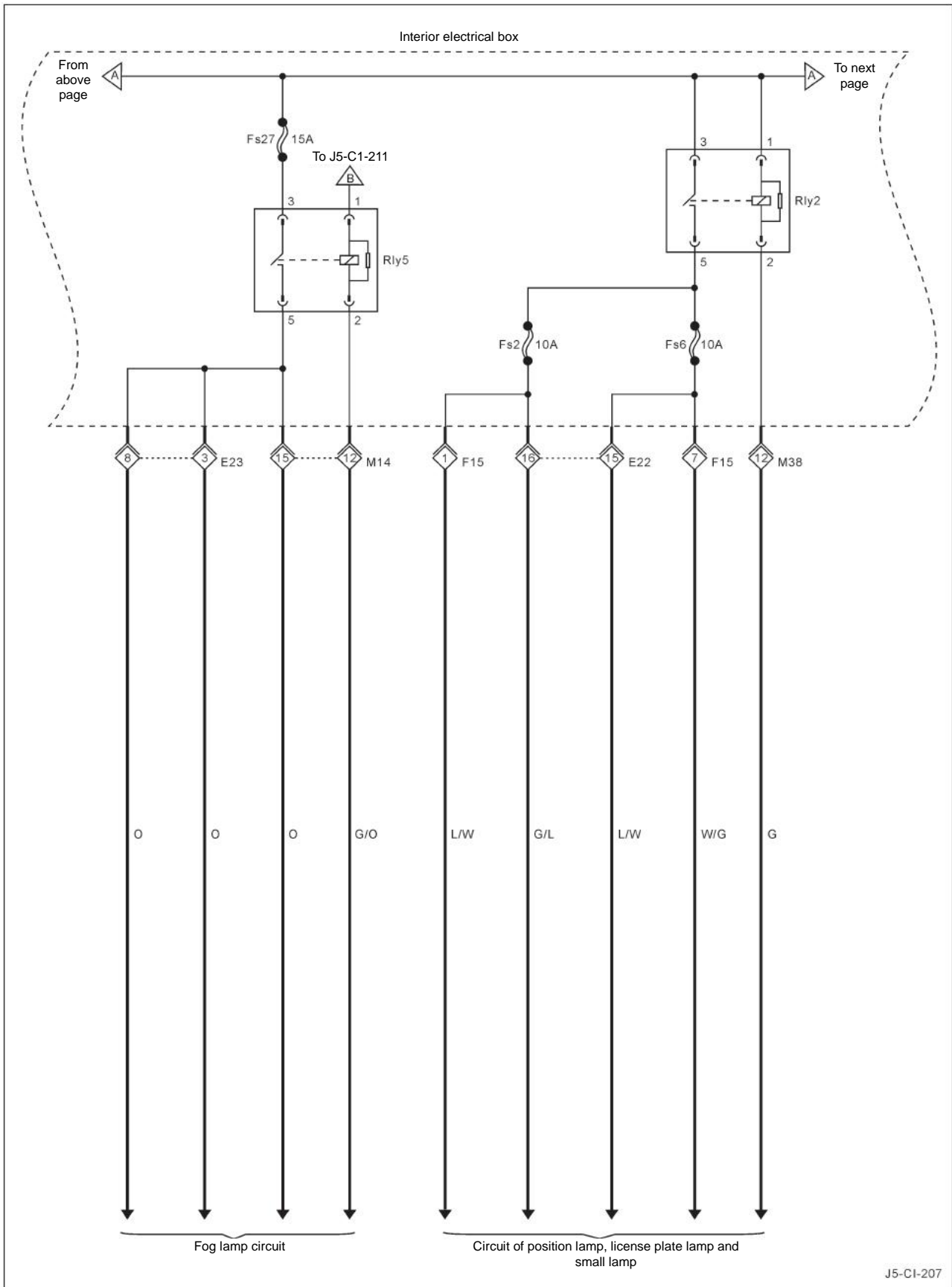
Principle diagram



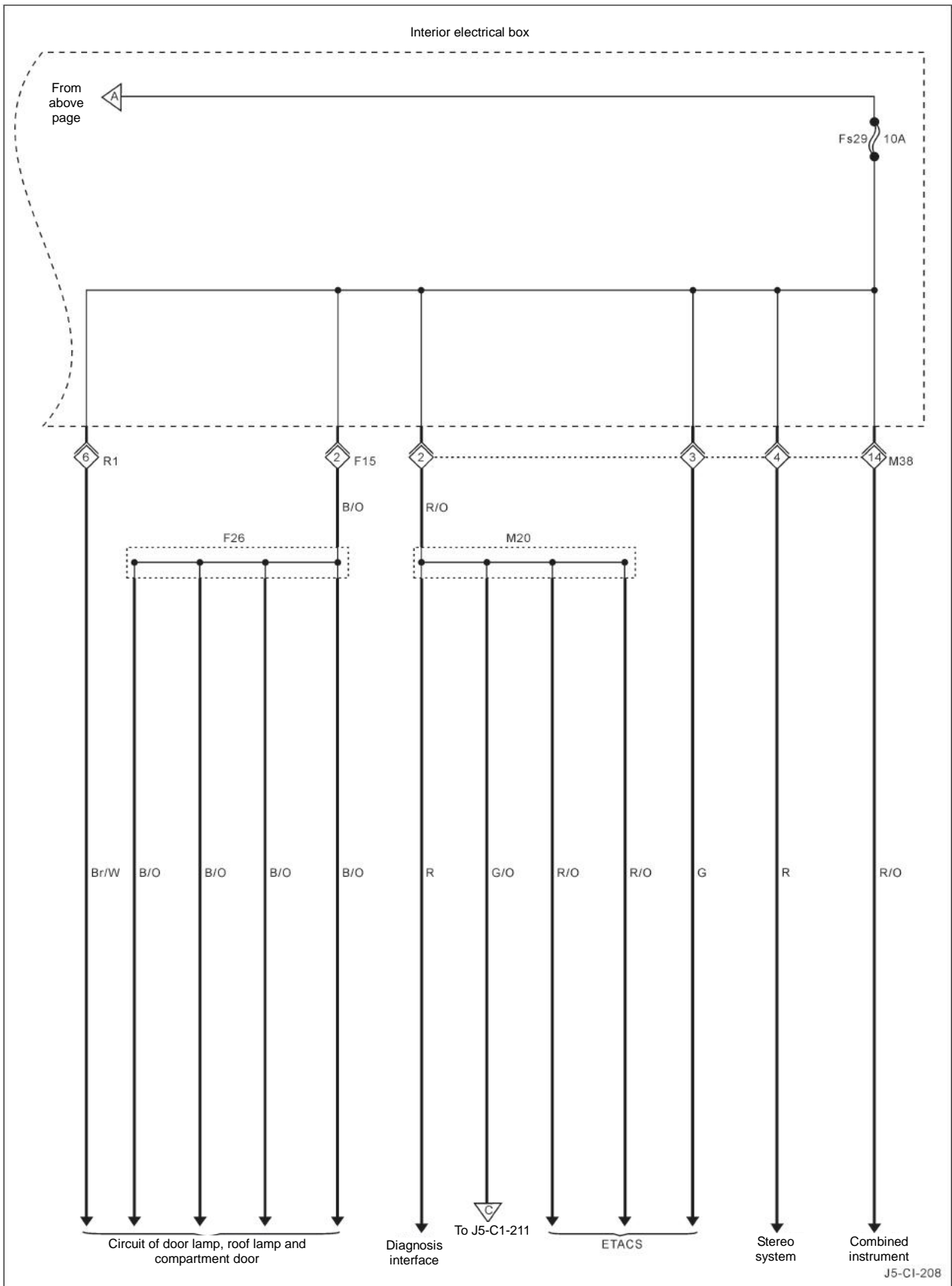
J5-CI-205

Circuit diagram – battery power

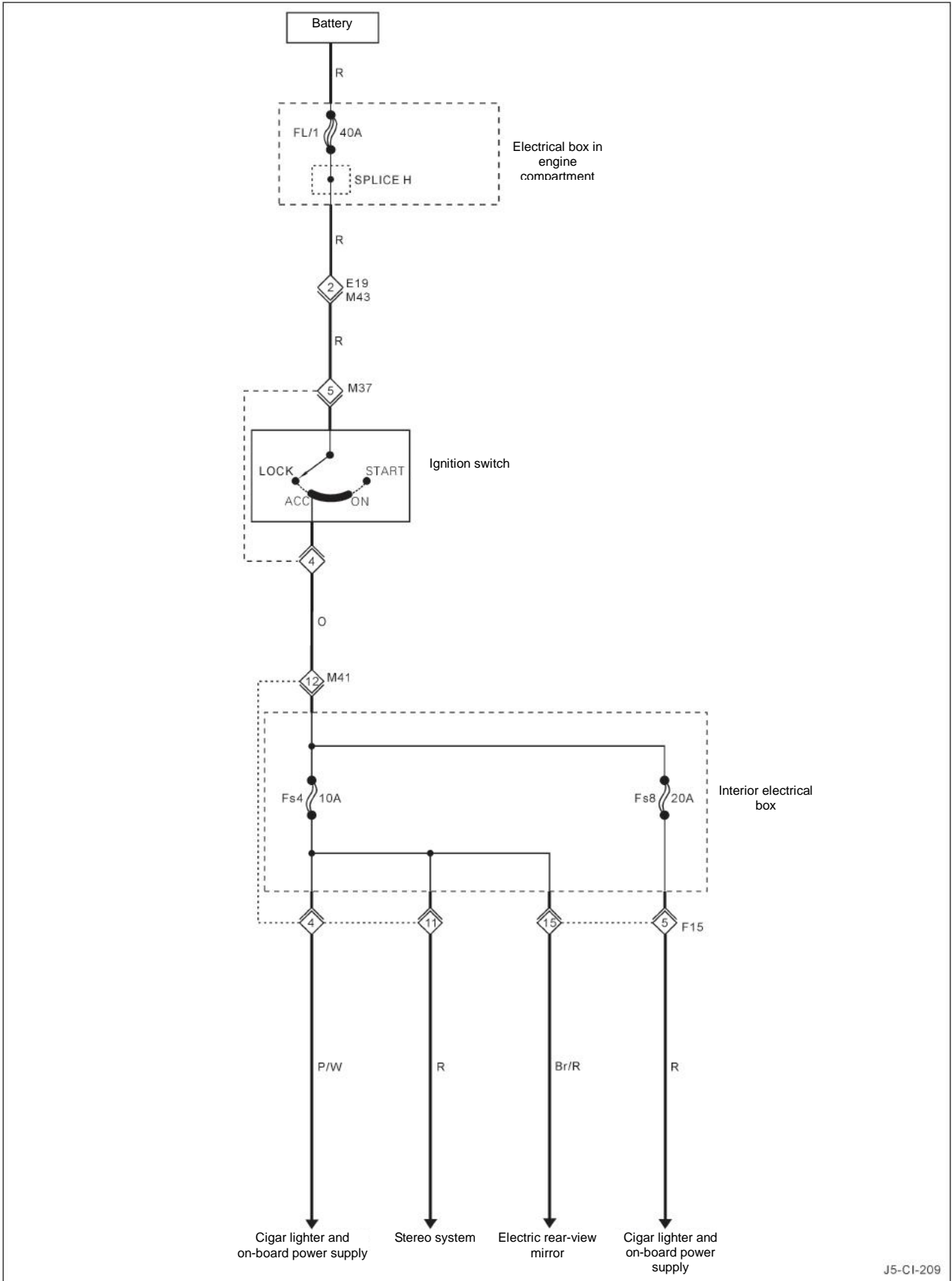




J5-CI-207

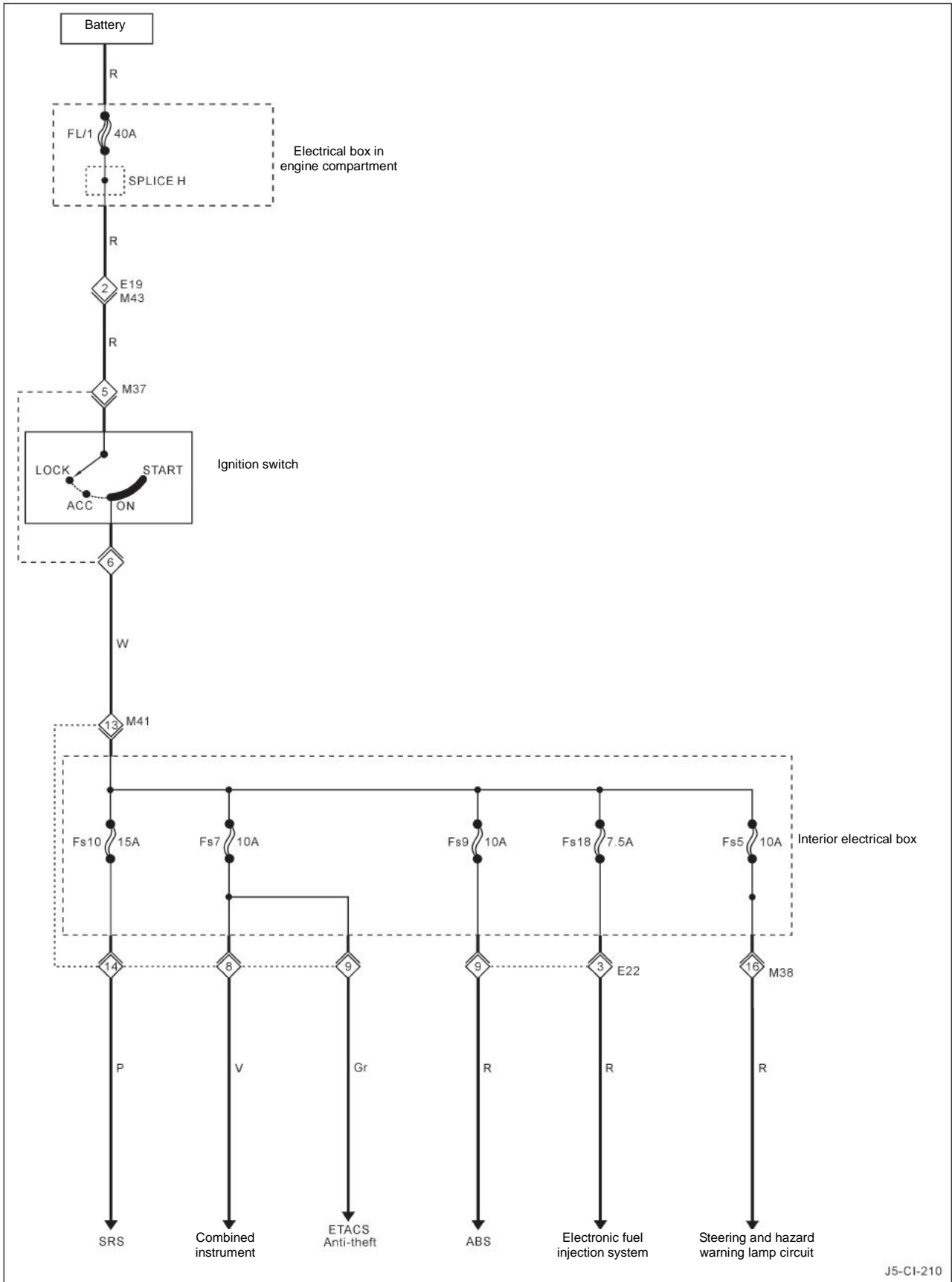


Circuit diagram – ACC power

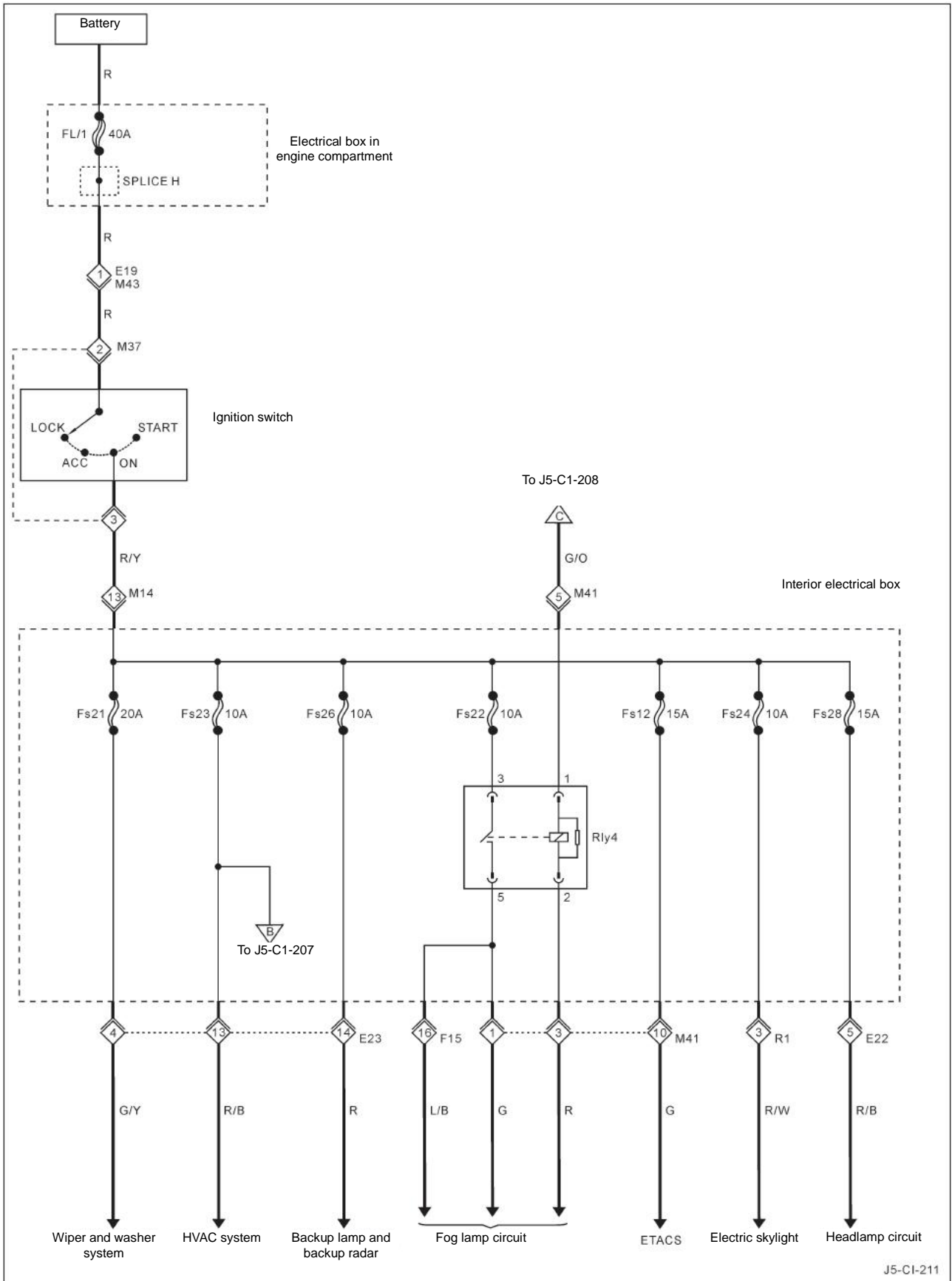


J5-CI-209

Circuit diagram – IG1 power



Circuit diagram – IG2 power



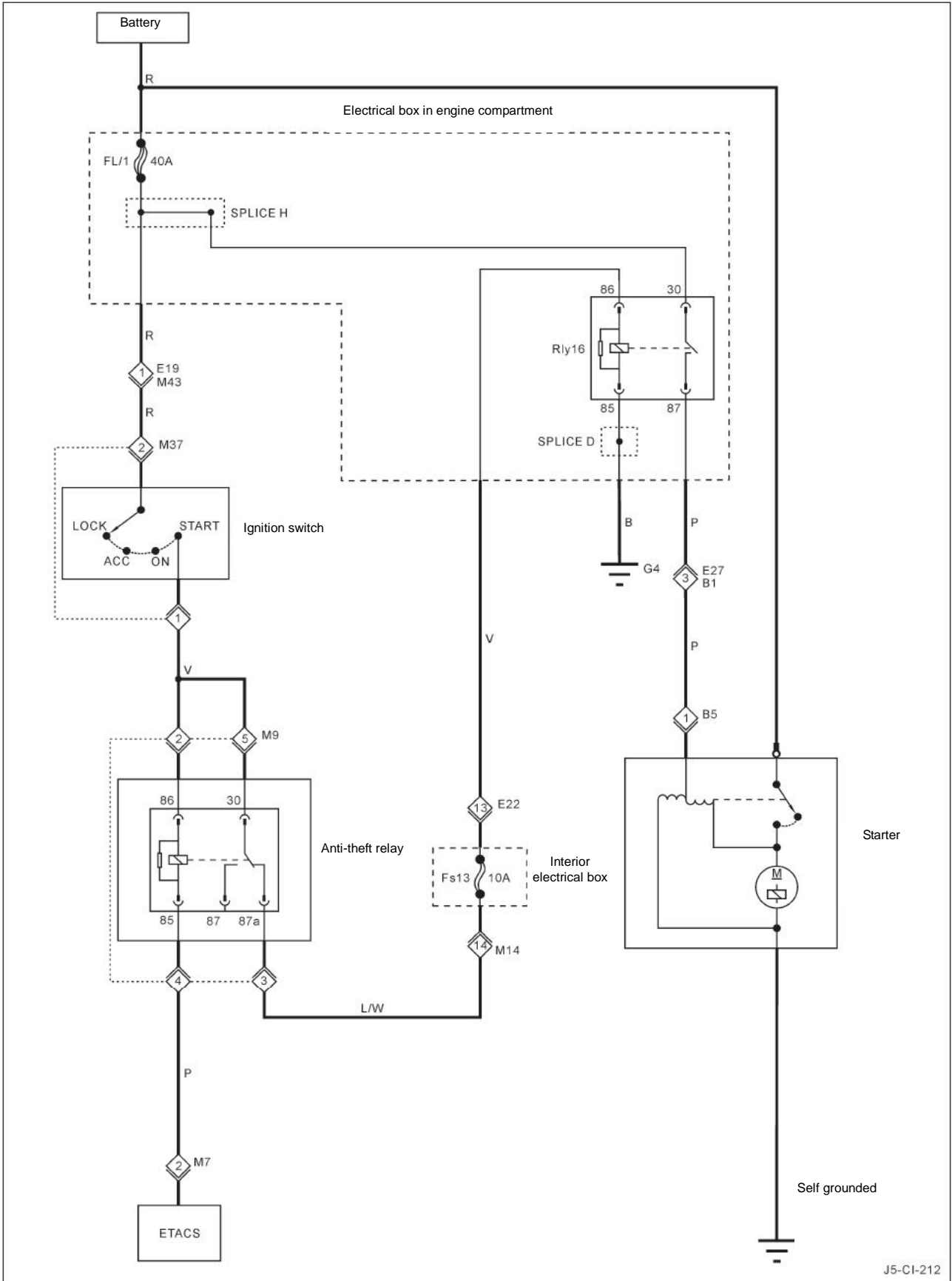
◇: harness plug

No.	No.	Description of harness plug
E19	M43	Engine harness – main harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
E21	To interior electrical box (I/P-C)	Engine harness
E22	To interior electrical box (I/P-D)	Engine harness
E23	To interior electrical box (I/P-F)	Engine harness
F15	To interior electrical box (I/P-A)	Vehicle frame harness
M14	To interior electrical box (I/P-H)	Main harness
M37	To ignition switch	Main harness
M38	To interior electrical box (I/P-J)	Main harness
M41	To interior electrical box (I/P-K)	Main harness
R1	To interior electrical box (I/P-G)	Roof harness

Starting system



J5-CI-212

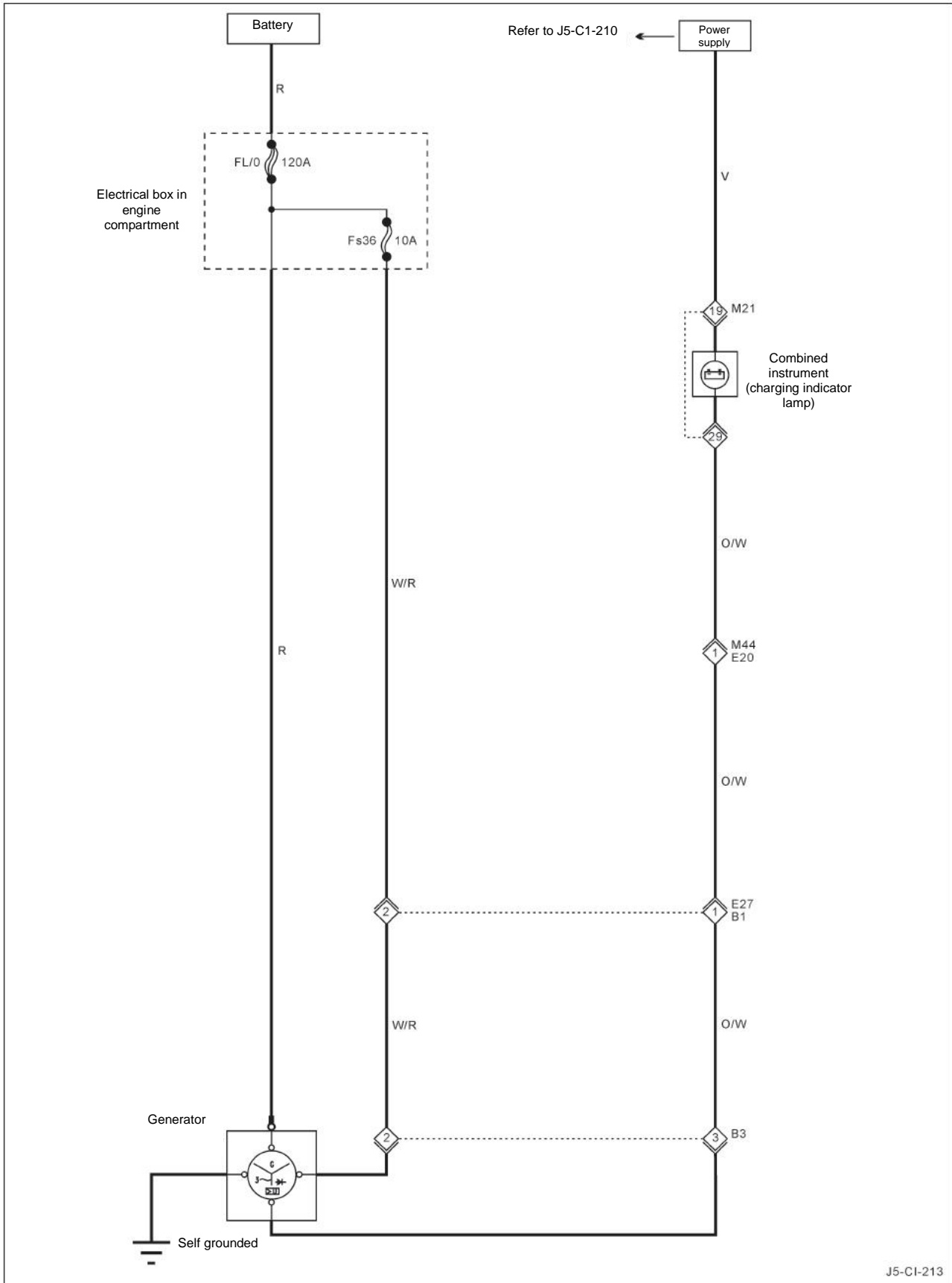
◇ harness plug

No.	No.	Description of harness plug
B1	E27	Power harness – engine harness (below the battery in the engine compartment)
E19	M43	Engine harness – main harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
B5	To starter	Power harness
E22	To interior electrical box (I/P-D)	Engine harness
M7	To ETACS	Main harness
M9	To anti-theft relay	Main harness
M14	To interior electrical box (I/P-H)	Main harness
M37	To ignition switch	Main harness

Charging system



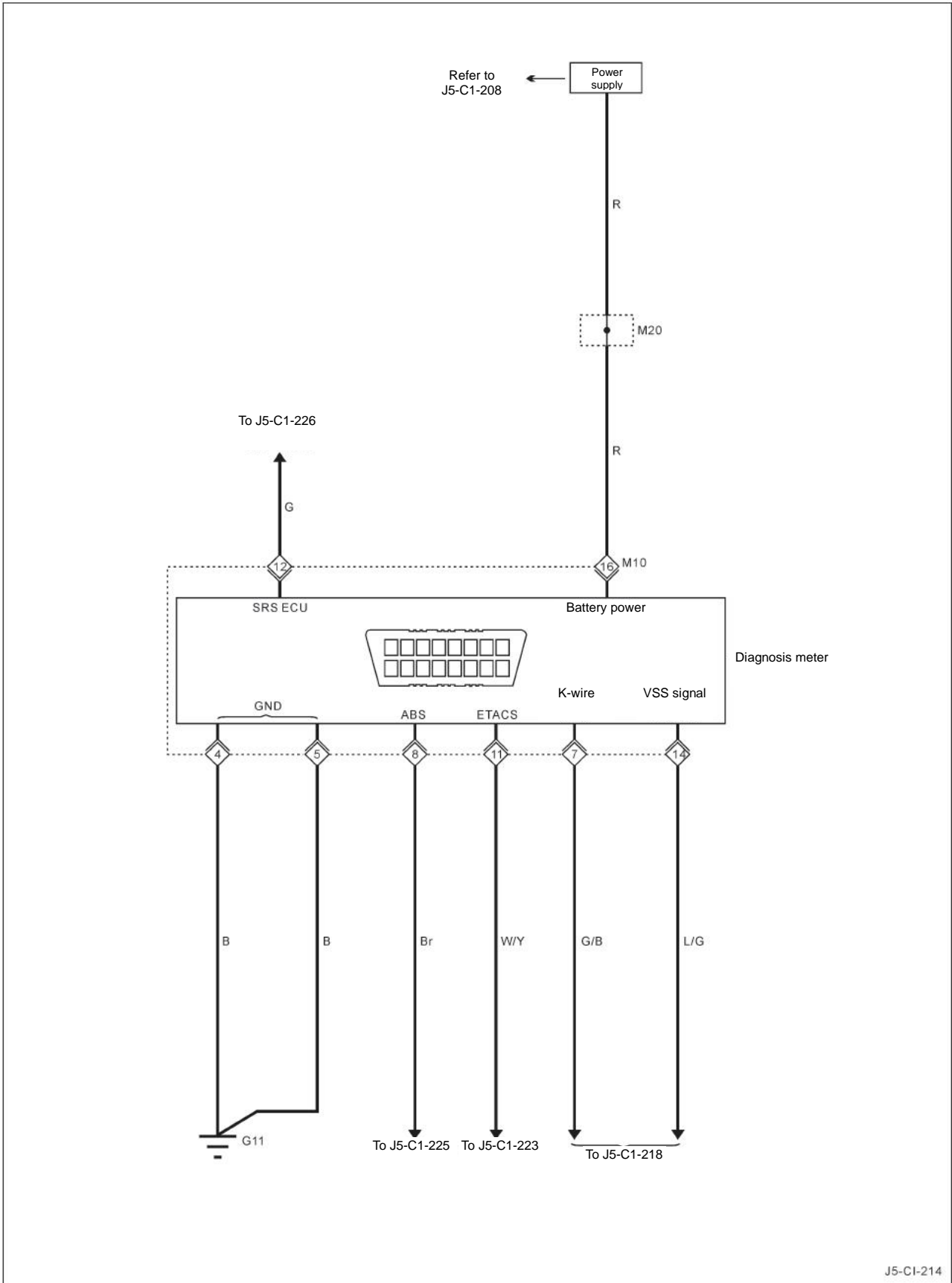
◇: harness plug

No.	No.	Description of harness plug
B1	E27	Power harness – engine harness (below the battery in the engine compartment)
E20	M44	Engine harness – main harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
B3	To generator	Power harness
M21	To combined instrument	Main harness
M41	To interior electrical box (I/P-K)	Main harness

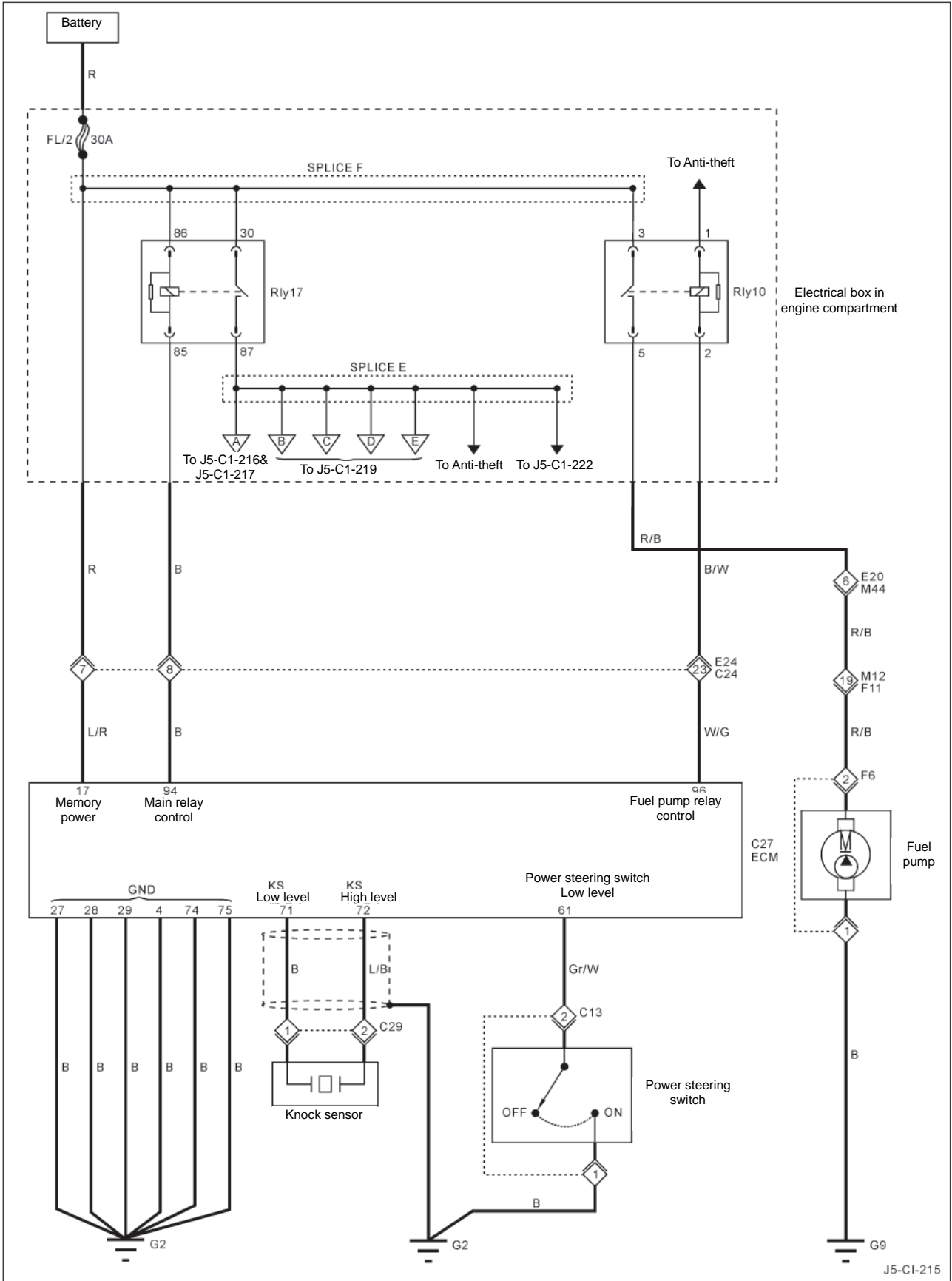
Diagnosis interface

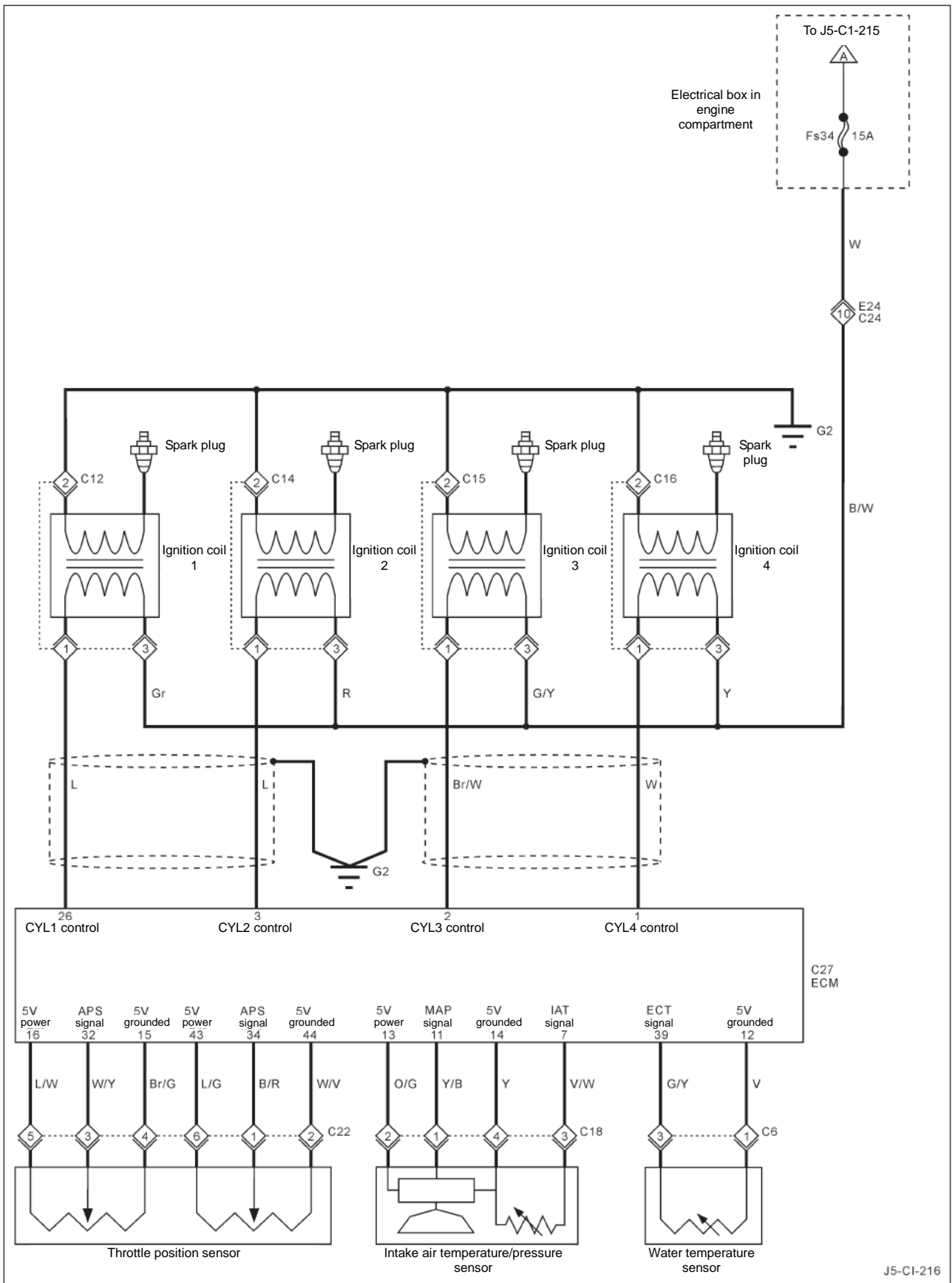


□: switch and electrical device

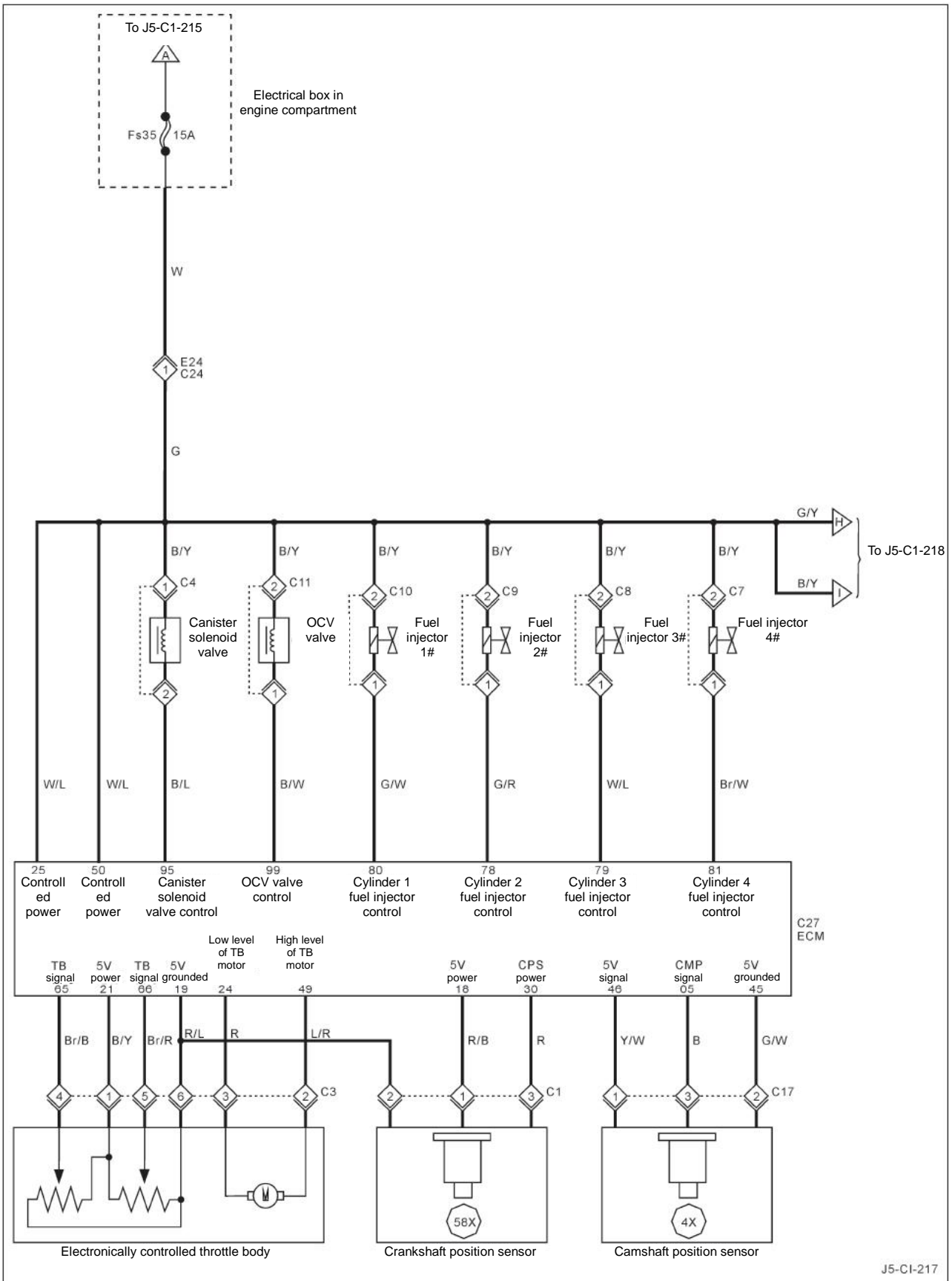
No.	Description	Position
E21	To interior electrical box (I/P-C)	Engine harness
M10	To diagnosis interface	Main harness
M20	To short-circuiter	Main harness
M38	To interior electrical box (I/P-J)	Main harness

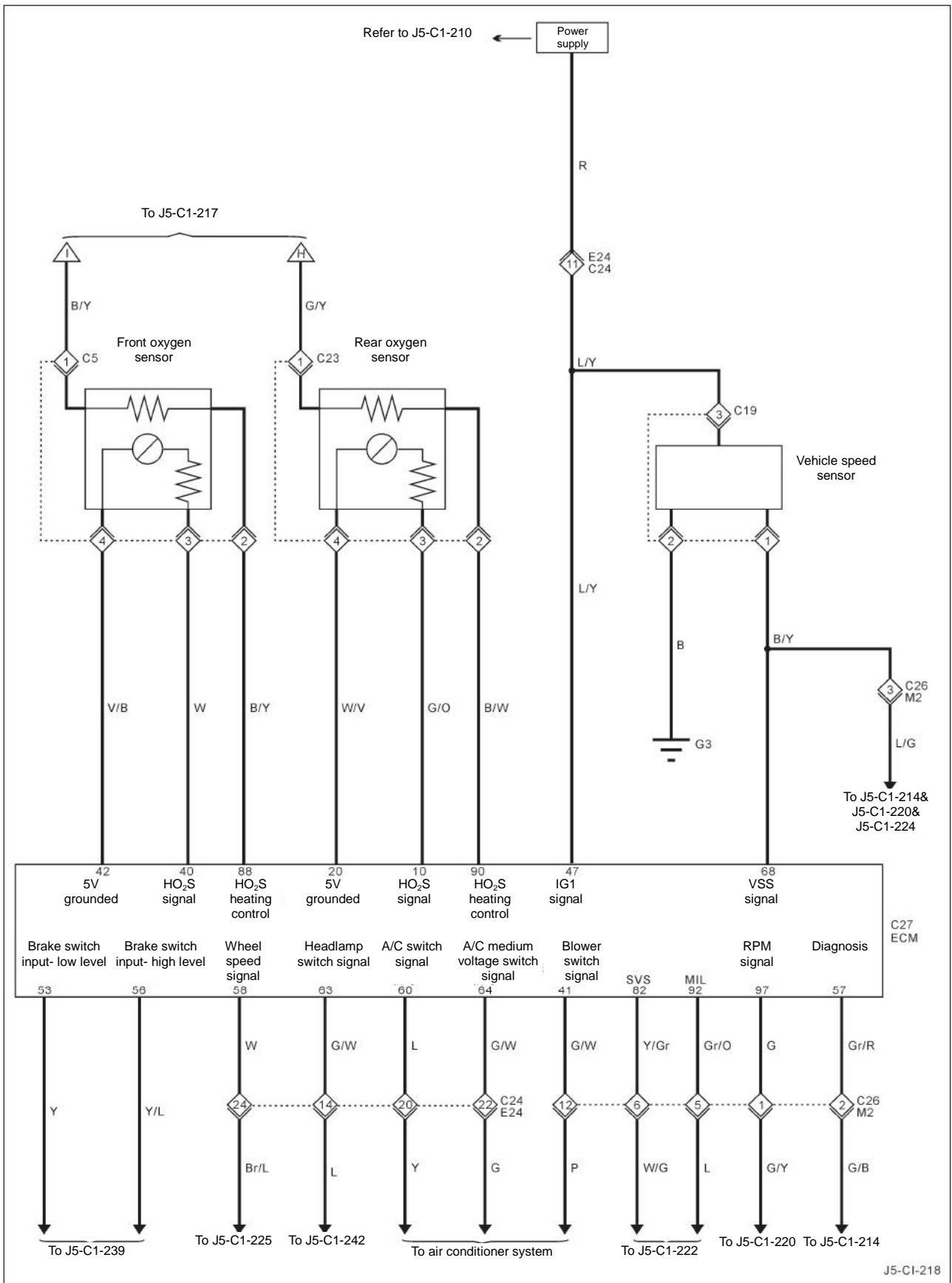
Electronic fuel injection system

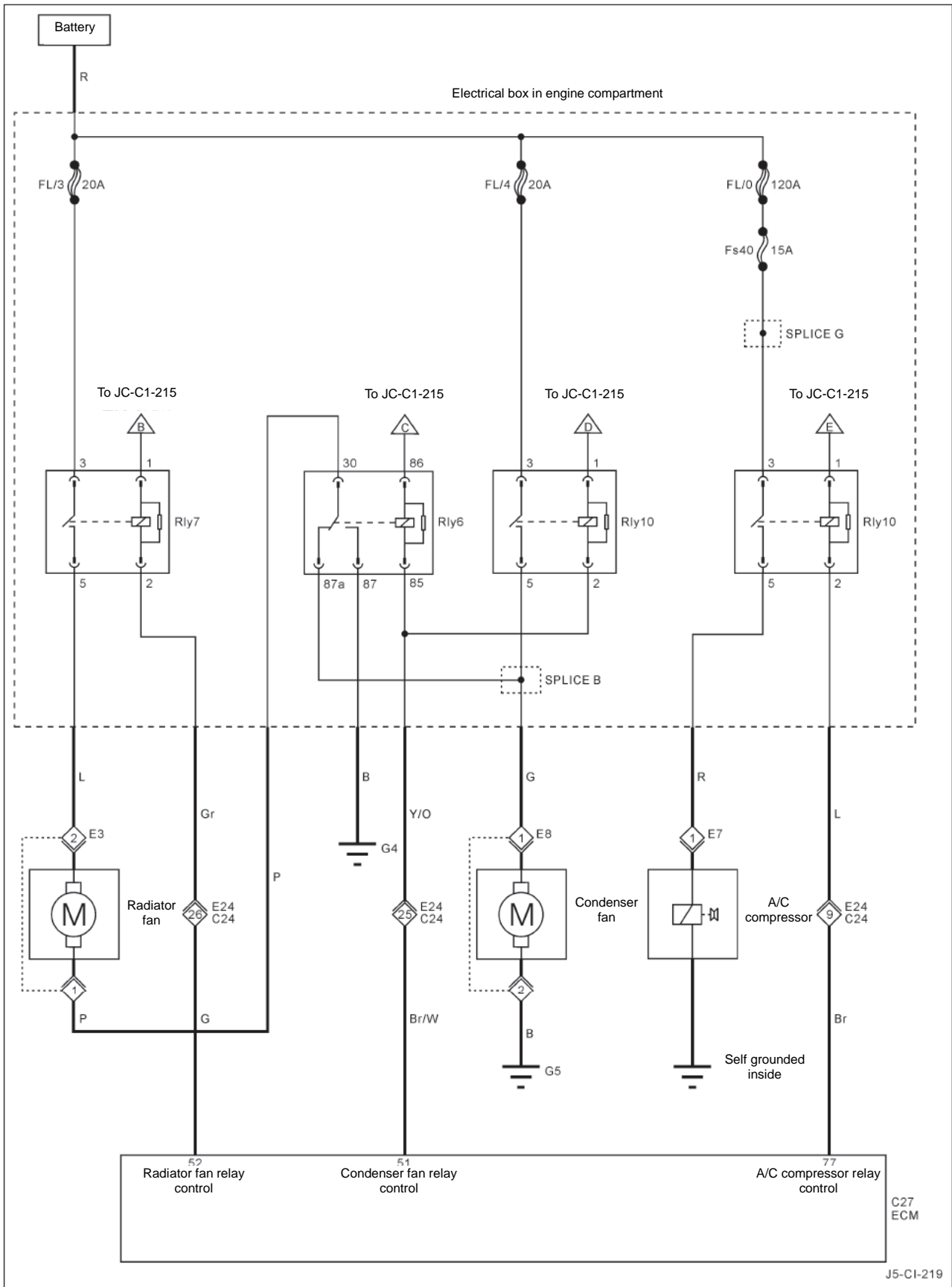




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◇ harness plug

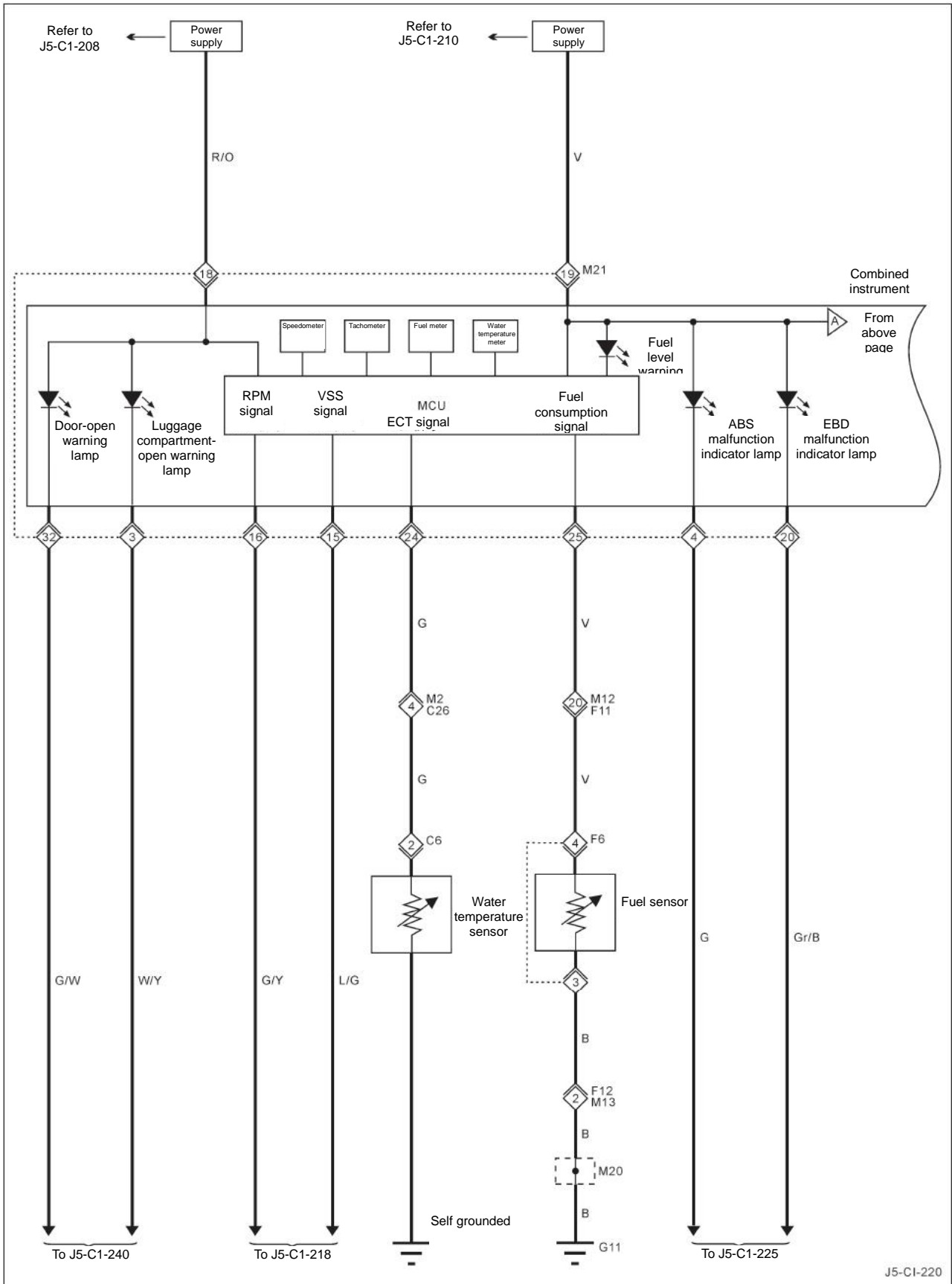
No.	No.	Description of harness plug
C24	E24	Engine control harness –engine harness (on the right of brake oil tank)
C26	M2	Engine control harness – main harness (below and on the right of dashboard)
E20	M44	Engine harness – main harness (below and on the left of dashboard)
M12	F11	Main harness – vehicle frame harness (below and on the left of dashboard)

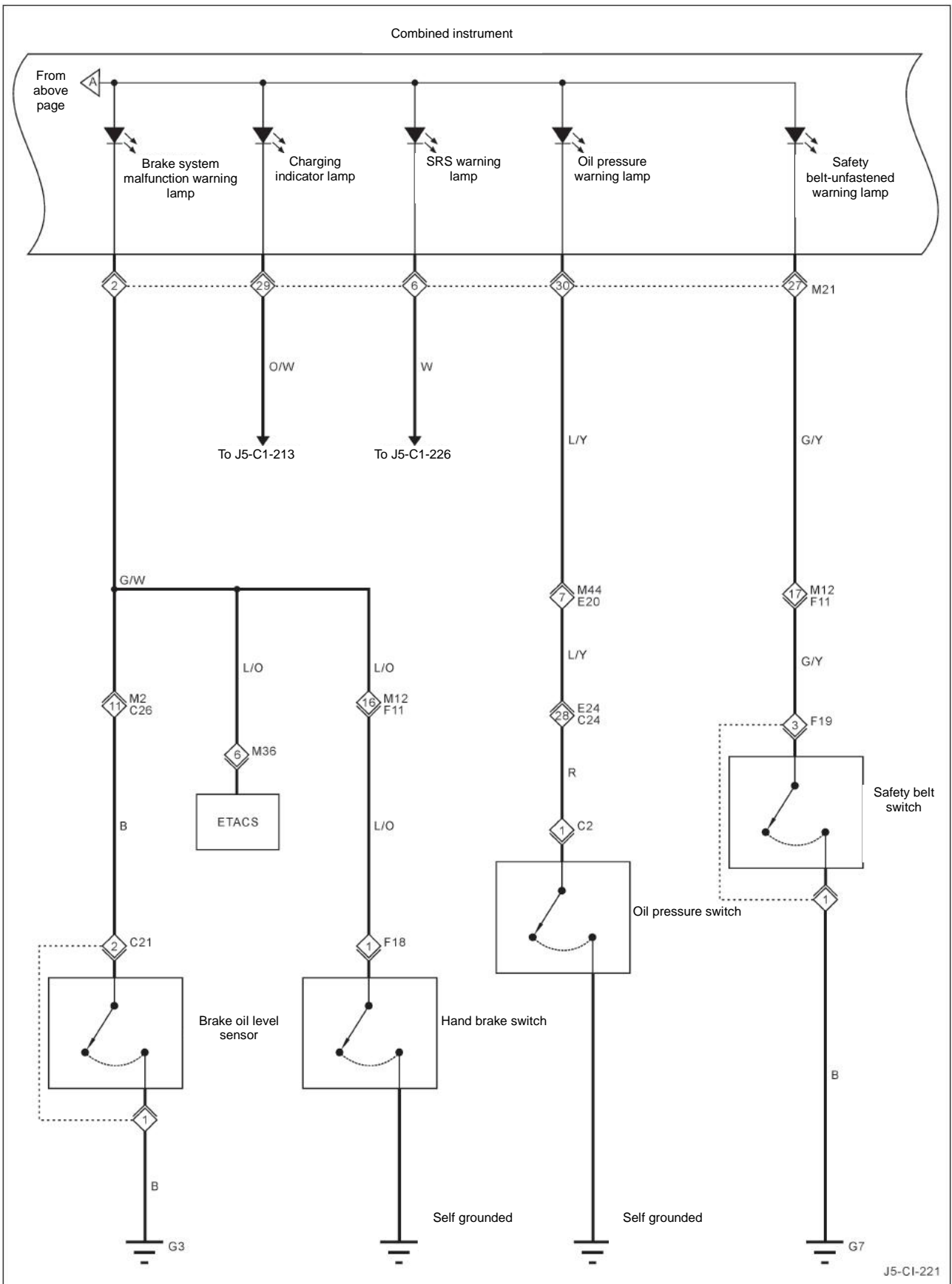
□: switch and electrical device

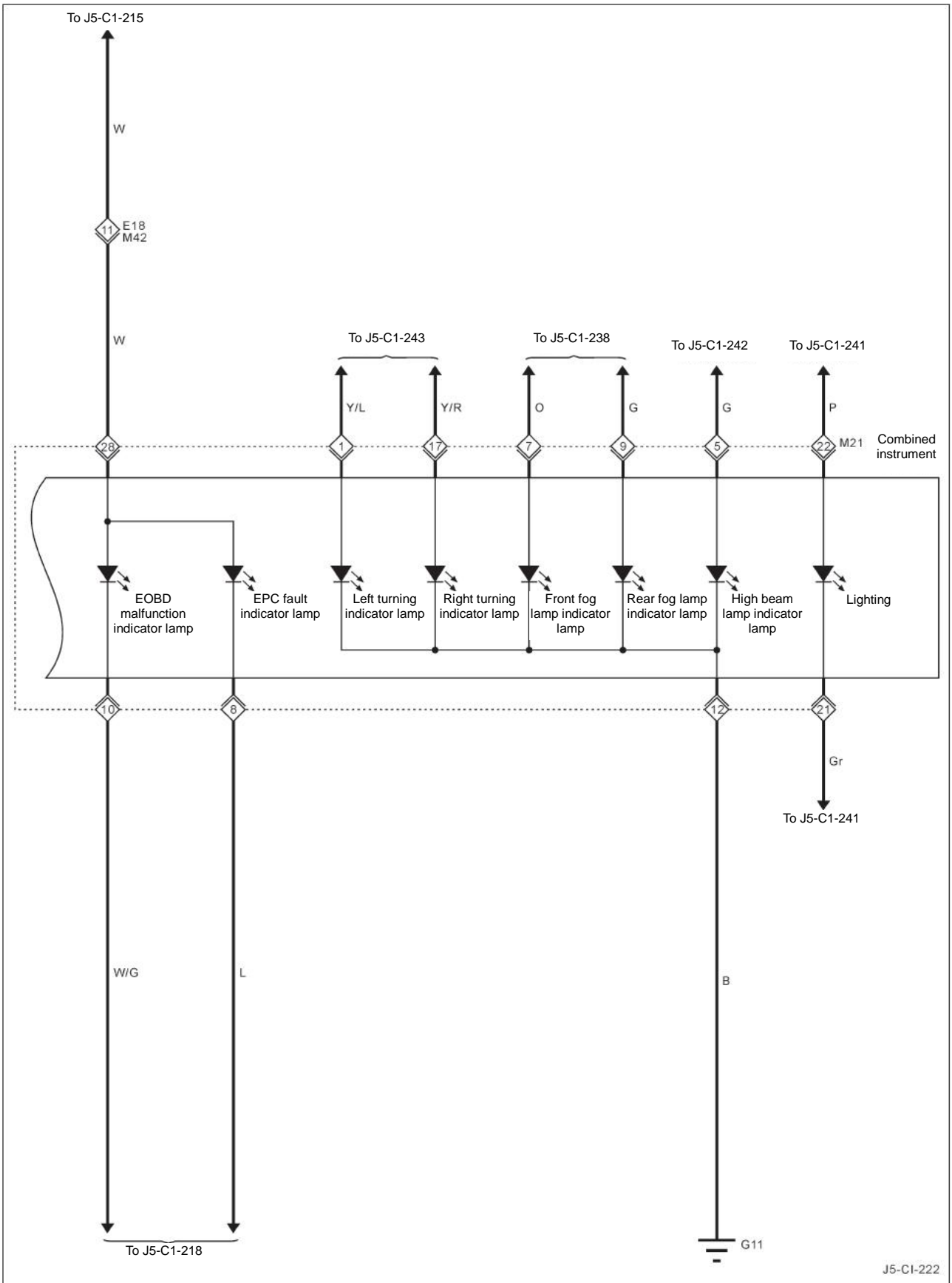
No.	Description	Position
C1	To crankshaft position sensor	Engine control harness
C3	To electronically controlled throttle body	Engine control harness
C4	To canister solenoid valve	Engine control harness
C5	To front oxygen sensor	Engine control harness
C6	To water temperature sensor	Engine control harness
C7	To Cylinder 4 fuel injector	Engine control harness
C8	To Cylinder 3 fuel injector	Engine control harness
C9	To Cylinder 2 fuel injector	Engine control harness
C10	To Cylinder 1 fuel injector	Engine control harness
C11	To OCV valve	Engine control harness
C12	To Cylinder 1 ignition coil	Engine control harness
C13	To power steering switch	Engine control harness
C14	To Cylinder 2 ignition coil	Engine control harness
C15	To Cylinder 3 ignition coil	Engine control harness
C16	To Cylinder 4 ignition coil	Engine control harness
C17	To camshaft position sensor	Engine control harness
C18	To intake air pressure/temperature sensor	Engine control harness
C19	To vehicle speed sensor	Engine control harness
C22	To throttle position sensor	Engine control harness
C23	To rear oxygen sensor	Engine control harness
C27	To ECM	Engine control harness
C29	To shock sensor	Engine control harness
E3	To radiator fan	Engine harness
E7	To A/C compressor	Engine harness
E8	To condenser fan	Engine harness

No.	Description	Position
E22	To interior electrical box (I/P-D)	Engine harness
F6	To fuel pump	Vehicle frame harness
M14	To interior electrical box (I/P-k)	Main harness

Combined instrument







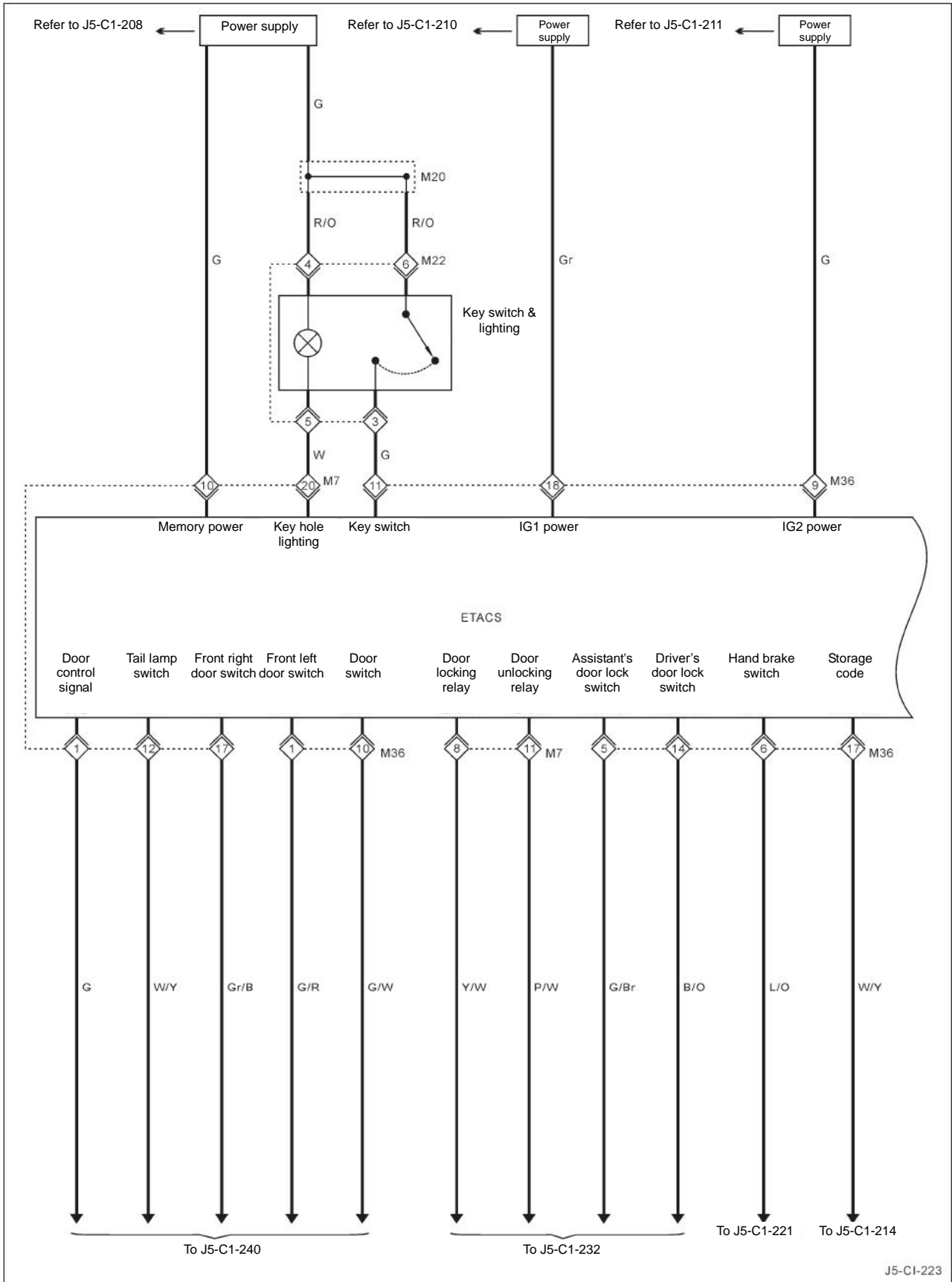
◇ harness plug

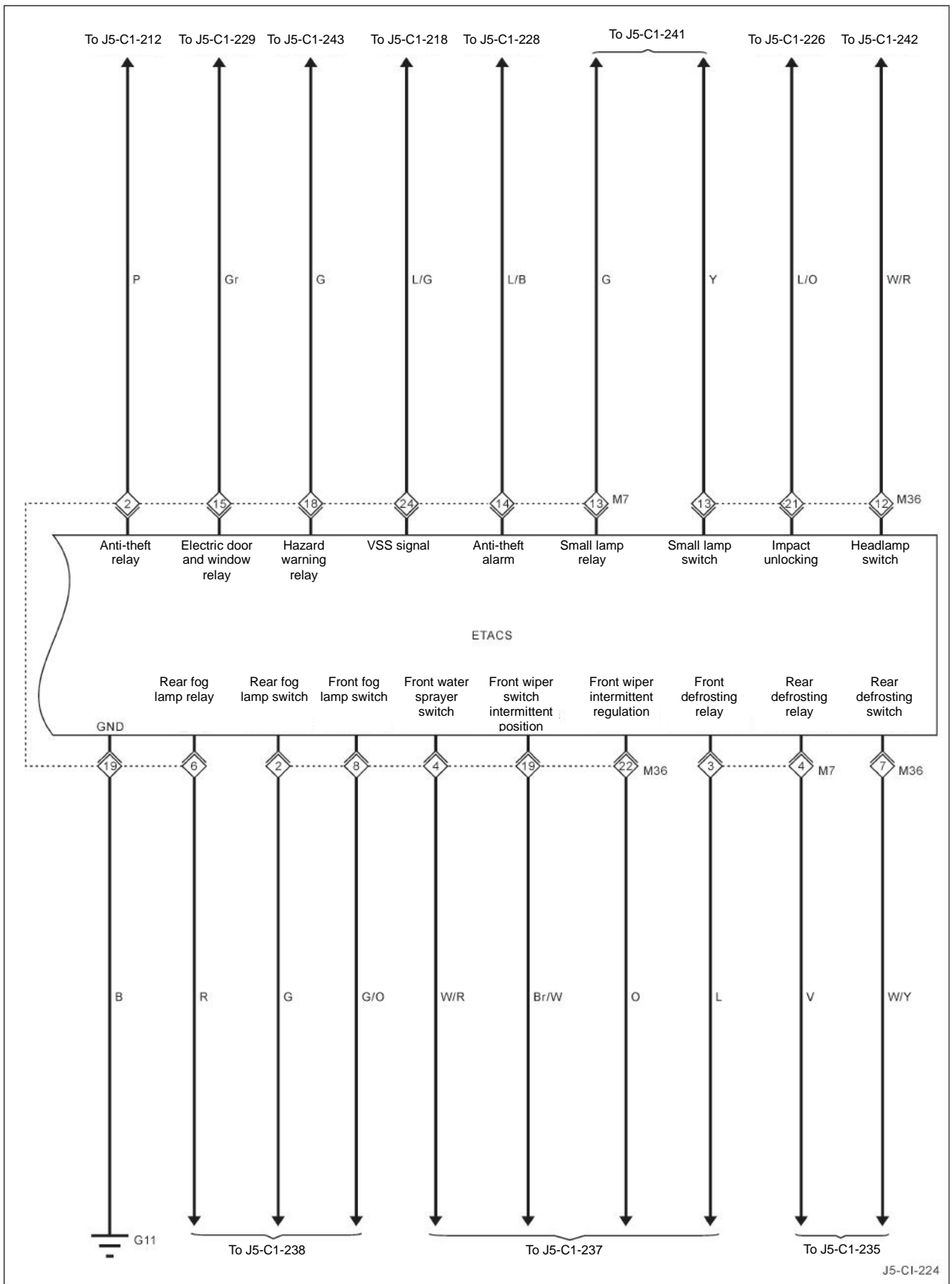
No.	No.	Description of harness plug
C24	E24	Engine control harness –engine harness (near the brake oil tank)
C26	M2	Engine control harness – main harness (below and on the right of dashboard)
E18	M42	Engine harness – main harness (below and on the left of dashboard)
E20	M44	Engine harness – main harness (below and on the left of dashboard)
M12	F11	Main harness – vehicle frame harness (below and on the left of dashboard)
M13	F12	Main harness –vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
C2	To oil pressure sensor	Engine control harness
C6	To water temperature sensor	Engine control harness
C21	To brake oil level sensor	Engine control harness
F6	To fuel pump	Vehicle frame harness
F18	To hand brake switch	Vehicle frame harness
F19	To safety belt switch	Vehicle frame harness
M21	To combined instrument	Main harness
M36	To ETACS	Main harness

Electronic information and time control system (ETAS)

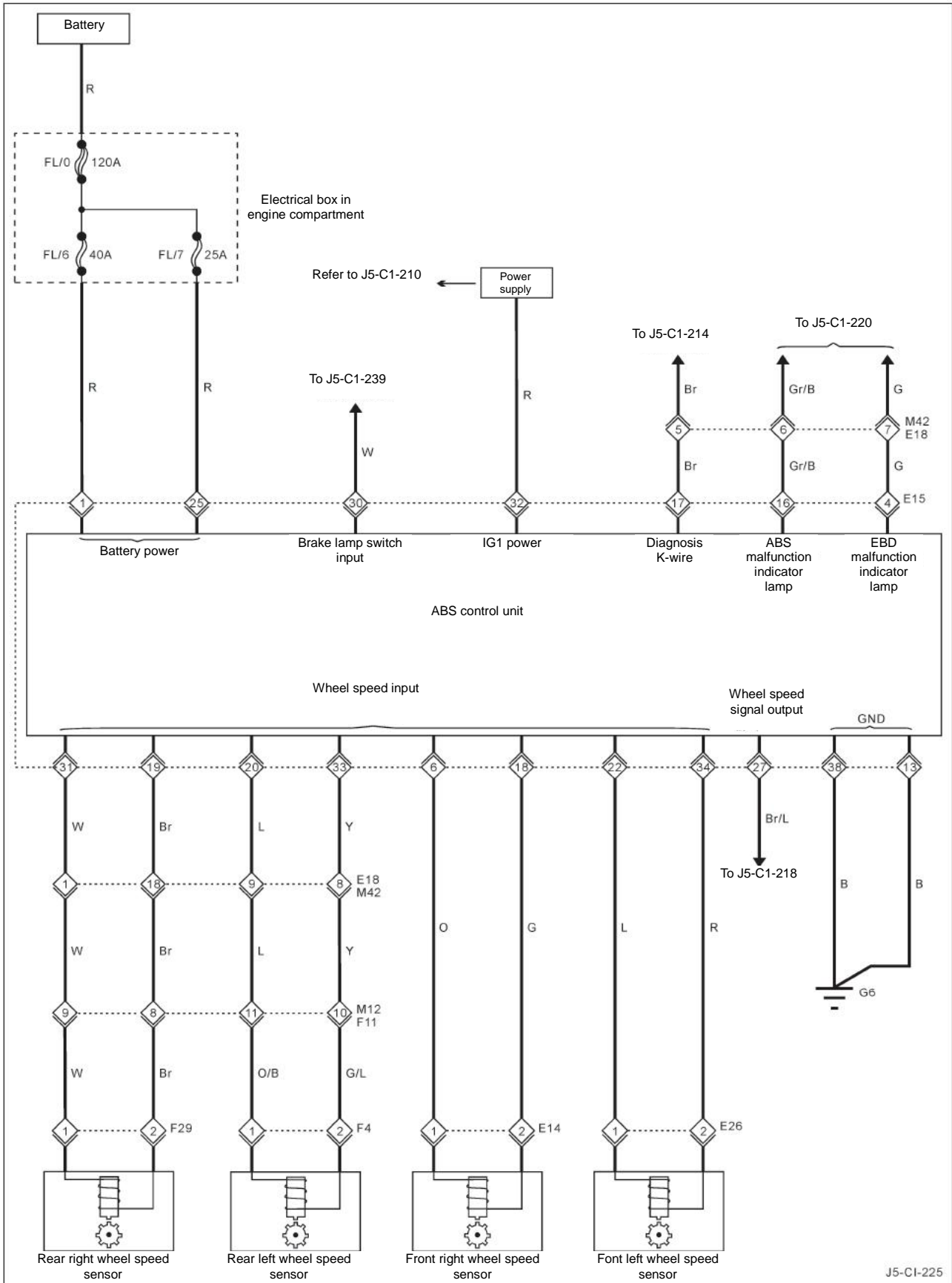




□: **switch and electrical device**

No.	Description	Position
M7	To ETACS	Main harness
M20	To short-circuiter	Main harness
M22	To key switch	Main harness
M36	To ETACS	Main harness

Anti-lock brake system (ABS)



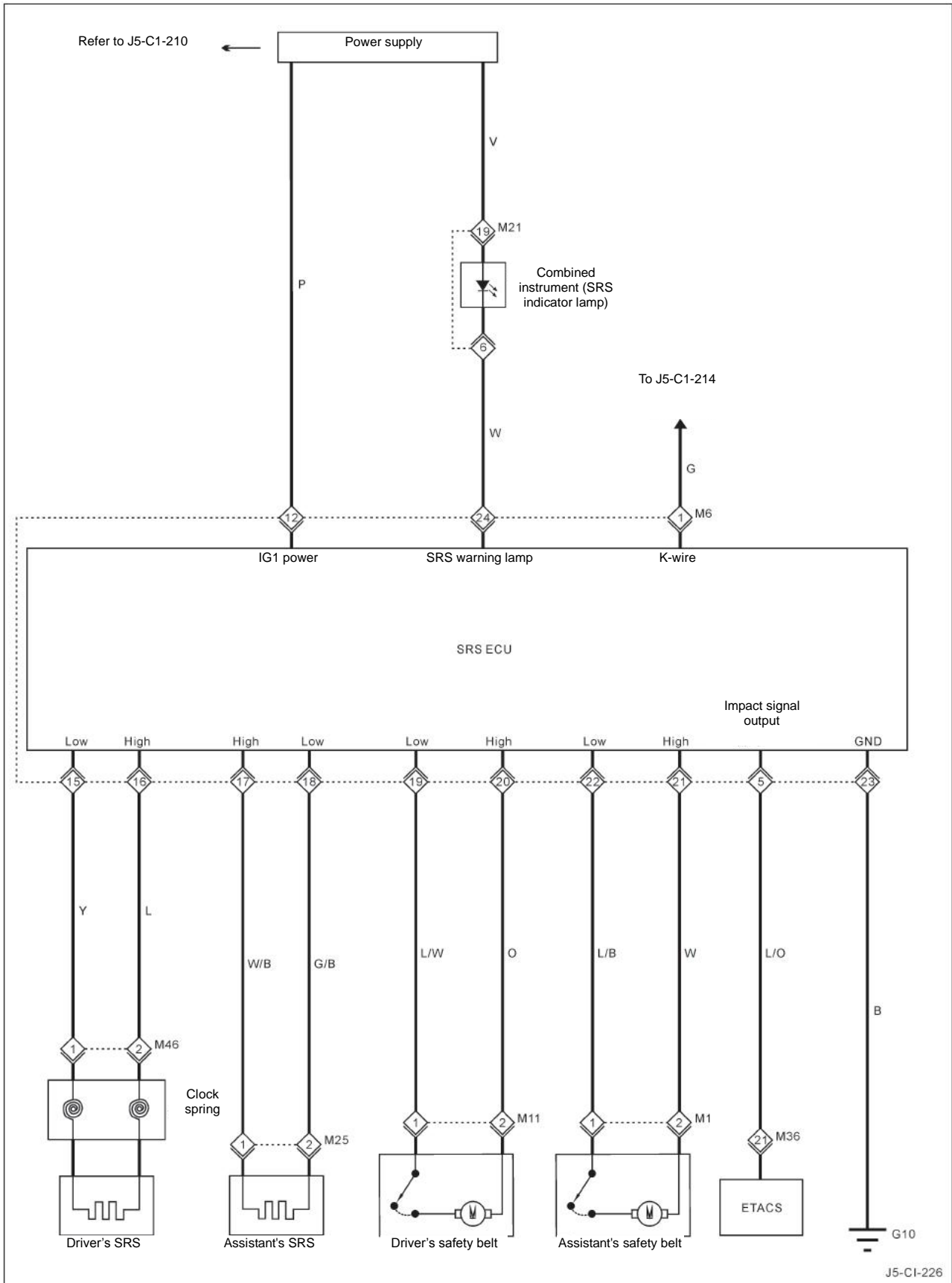
◇ harness plug

No.	No.	Description of harness plug
E18	M42	Engine harness – main harness (below and on the left of dashboard)
M12	F11	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
E14	To front right wheel speed sensor	Engine harness
E15	To ABS control unit	Engine harness
E26	To front left wheel speed sensor	Engine harness
F4	To rear left wheel speed sensor	Vehicle frame harness
F29	To rear right wheel speed sensor	Vehicle frame harness

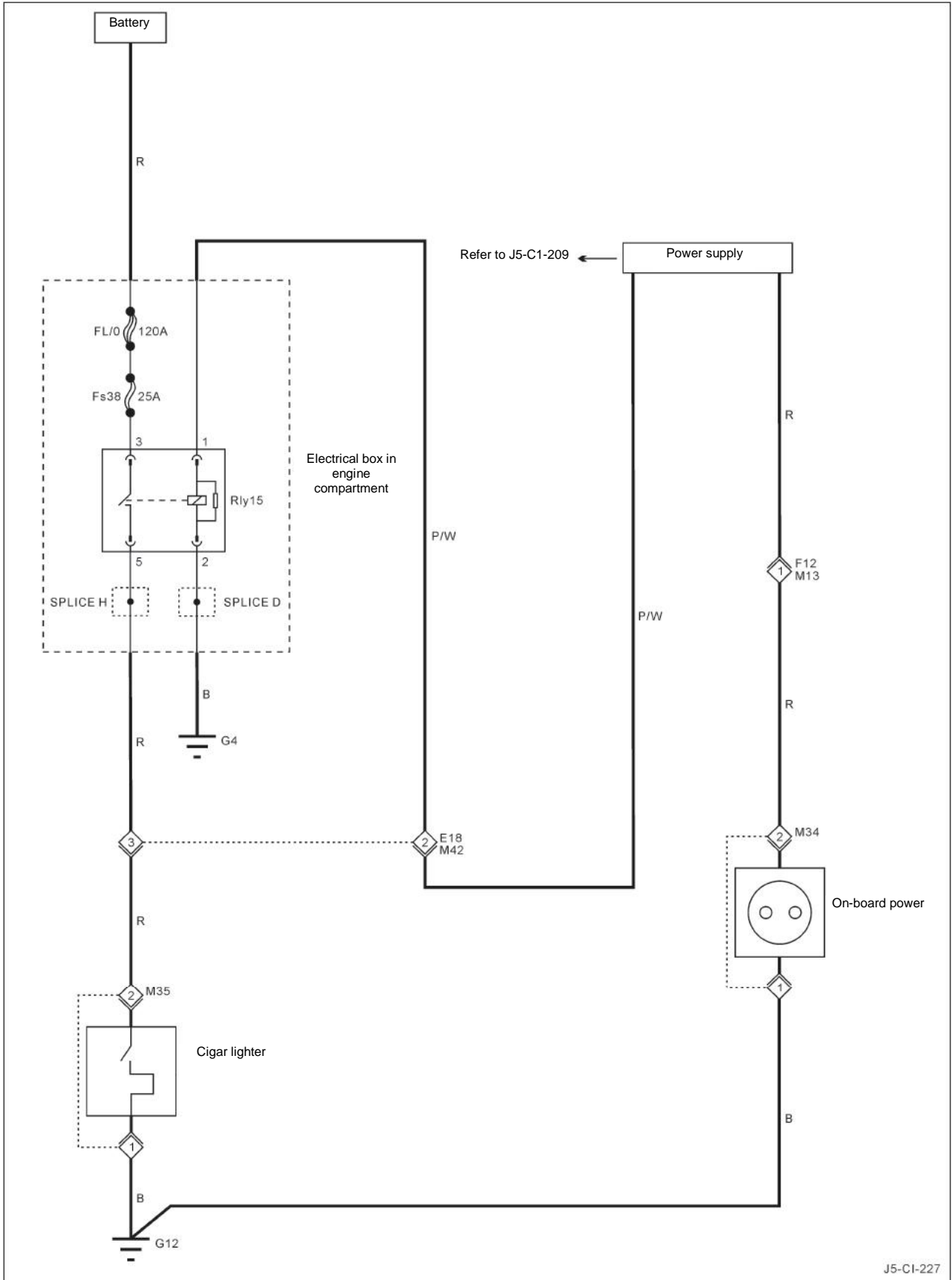
Supplemental inflatable restraint system (SRS)



□: **switch and electrical device**

No.	Description	Position
M1	To assistant's safety belt	Main harness
M6	To SRS controller	Main harness
M11	To driver's safety belt	Main harness
M21	To combined instrument	Main harness
M25	To assistant's SRS	Main harness
M36	To ETACS	Main harness
M46	To clock spring	Main harness

Cigar lighter and on-board power



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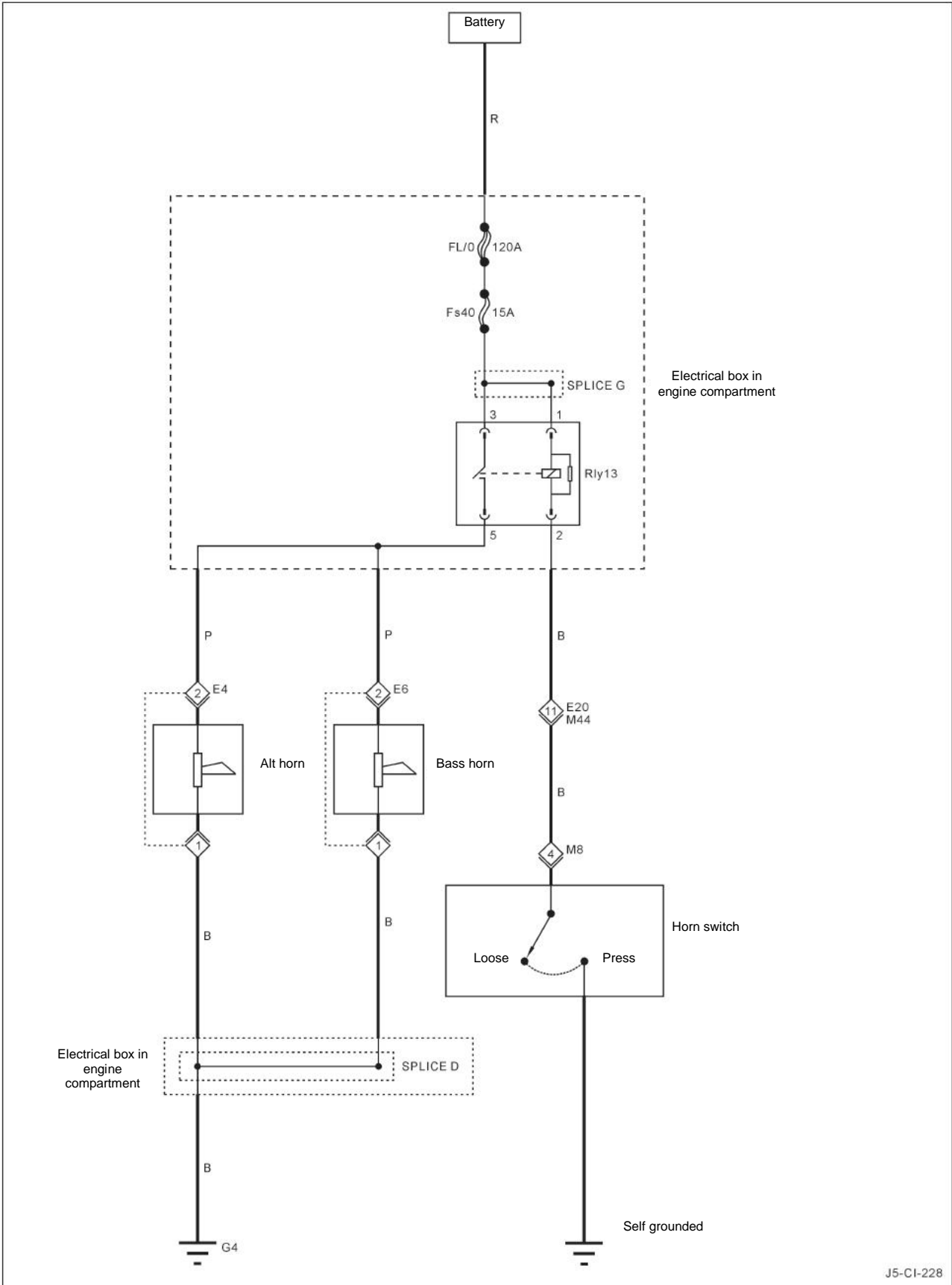
◇ harness plug

No.	No.	Description of harness plug
E18	M42	Engine harness – main harness (below and on the left of dashboard)
M13	F12	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
M34	To on-board power	Main harness
M35	To cigar lighter	Main harness

Electric horn



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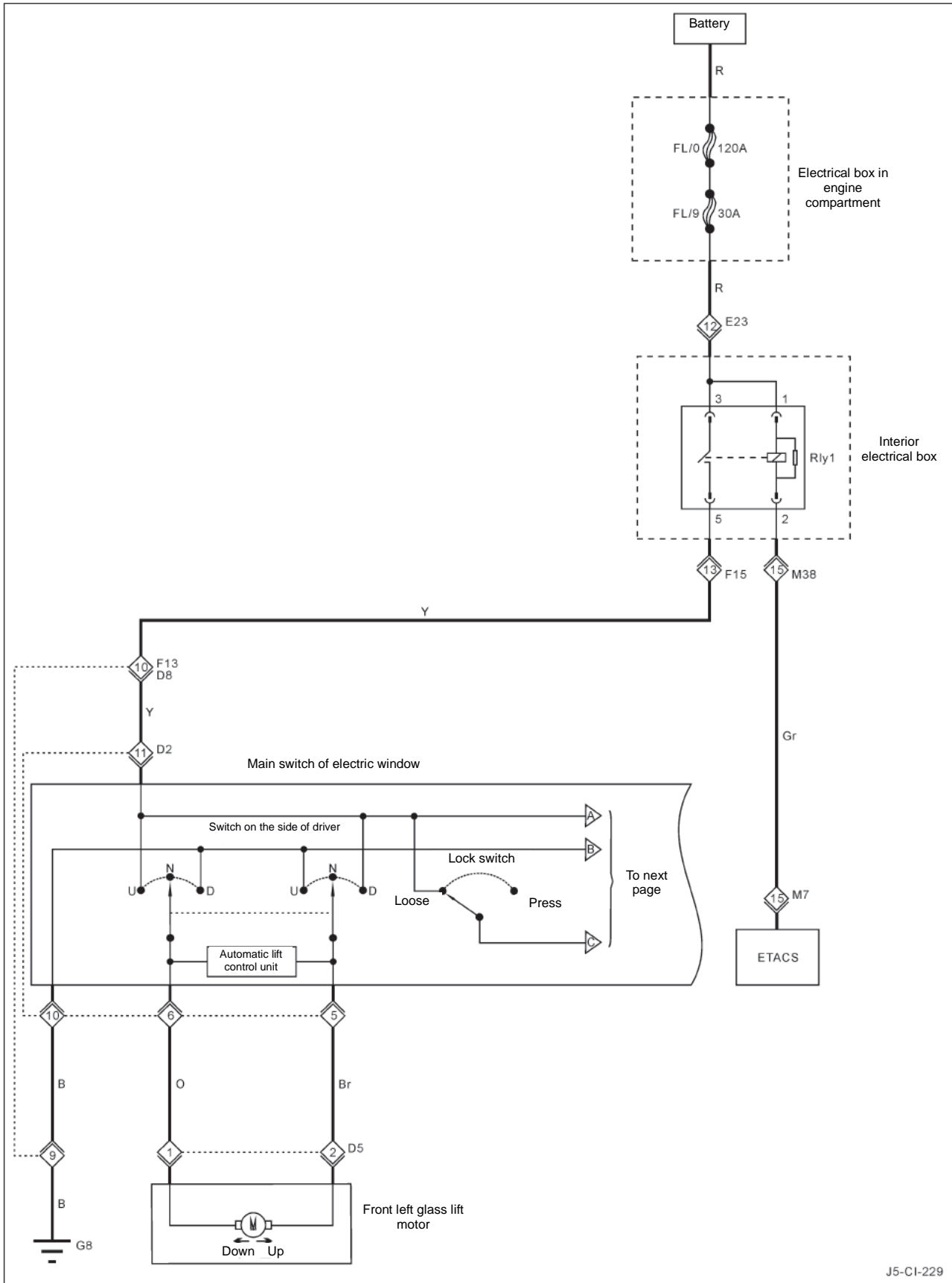
◇ harness plug

No.	No.	Description of harness plug
E20	M44	Engine harness – main harness (below and on the left of dashboard)
M13	F12	Main harness –vehicle frame harness (below and on the left of dashboard)

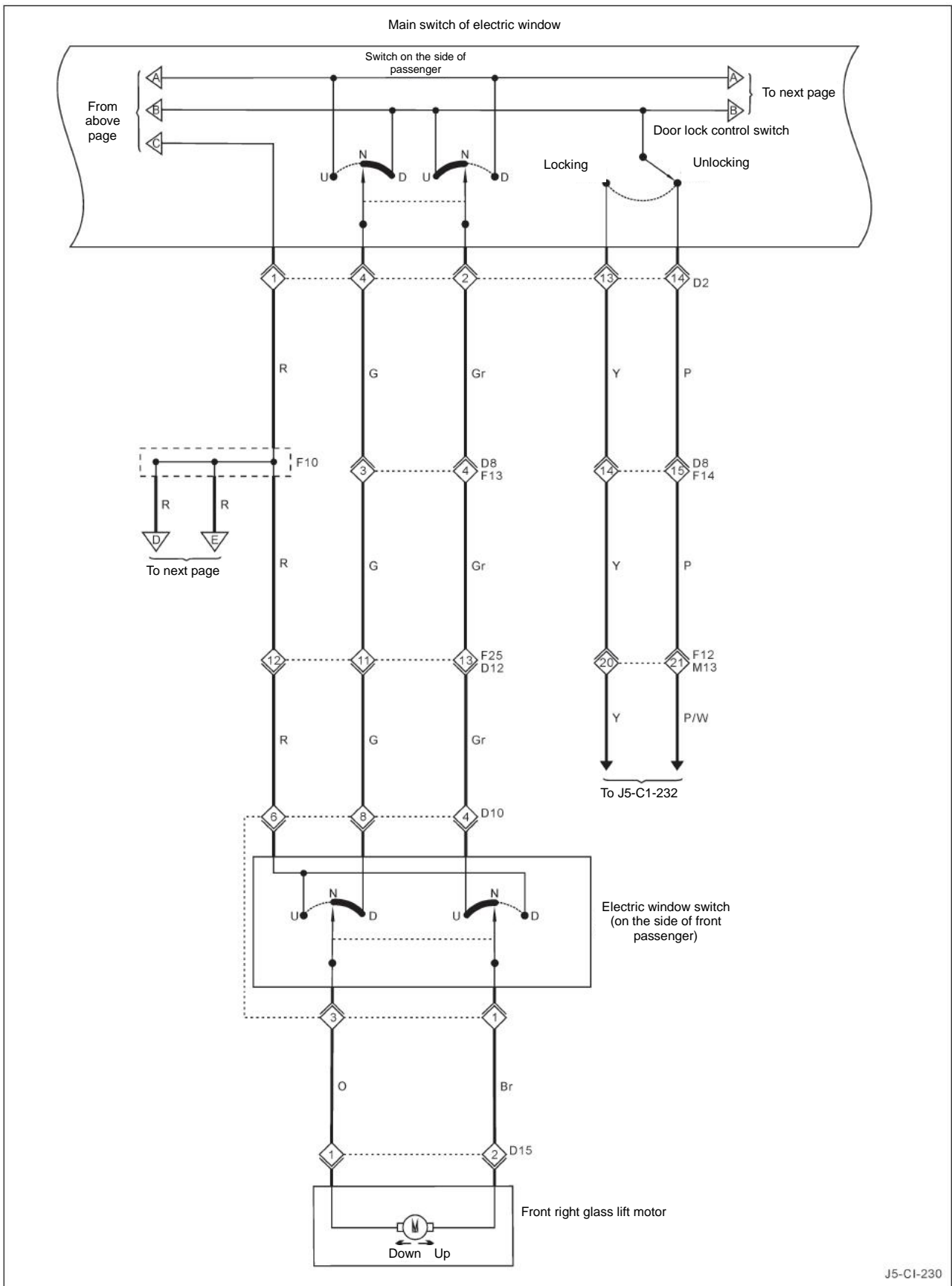
□: switch and electrical device

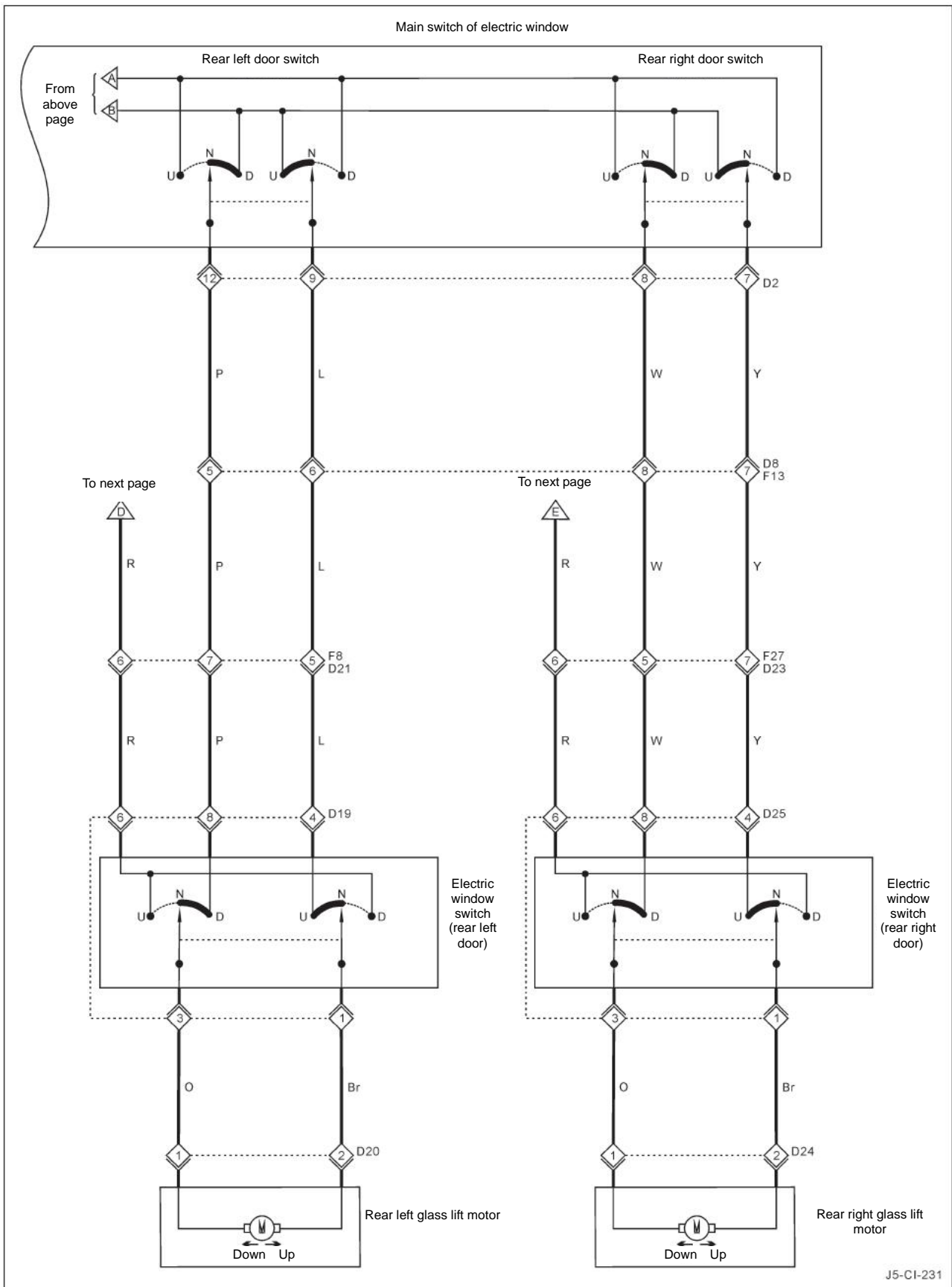
No.	Description	Position
E4	To alt horn	Engine harness
E6	Bass horn	Engine harness
M8	To steering wheel switch	Main harness

Electric window



J5-CI-229





J5-CI-231

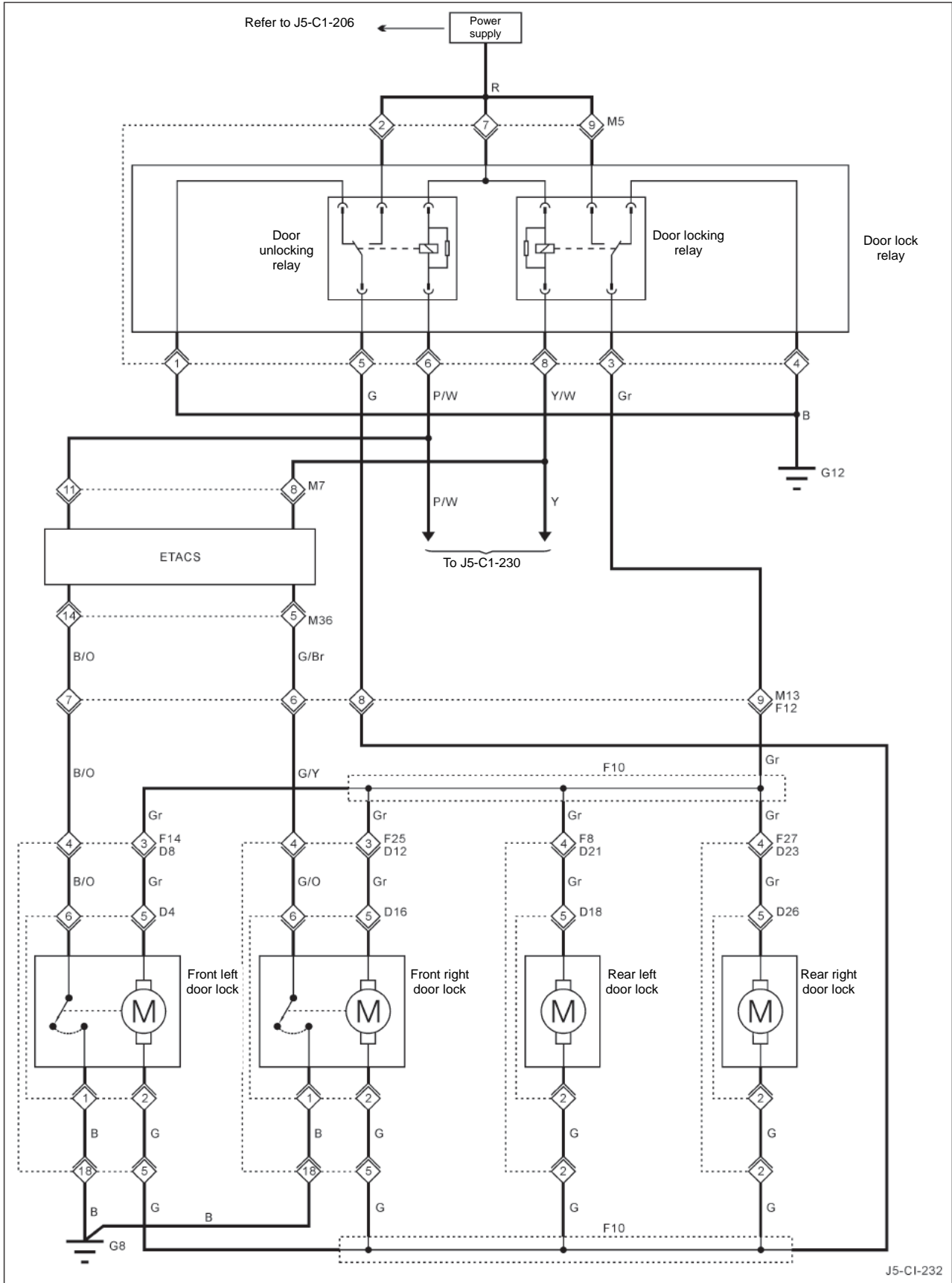
◇ harness plug

No.	No.	Description of harness plug
F8	D21	Vehicle frame harness – rear left door harness (below the left post B)
F13	D8	Vehicle frame harness – front left door harness (below the left post A)
F14	D8	Vehicle frame harness – front left door harness (below the left post A)
F25	D12	Vehicle frame harness – front right door harness (below the right post A)
F27	D23	Vehicle frame harness – rear right door harness (below the right post B)
M13	F12	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
D2	To glass lift switch	Front left door harness
D5	To front left glass lift motor	Front left door harness
D12	To glass lift switch	Front right door harness
D15	To front right glass lift motor	Front right door harness
D19	To glass lift switch	Rear left door harness
D20	To rear left glass lift motor	Rear left door harness
D24	To rear right glass lift motor	Rear right door harness
D25	To glass lift switch	Rear right door harness
E23	To interior electrical box (IP/F)	Engine harness
F15	To interior electrical box (IP/A)	Vehicle frame harness
M7	To ETACS	Main harness
M38	To interior electrical box (IP/J)	Main harness

Electric door lock



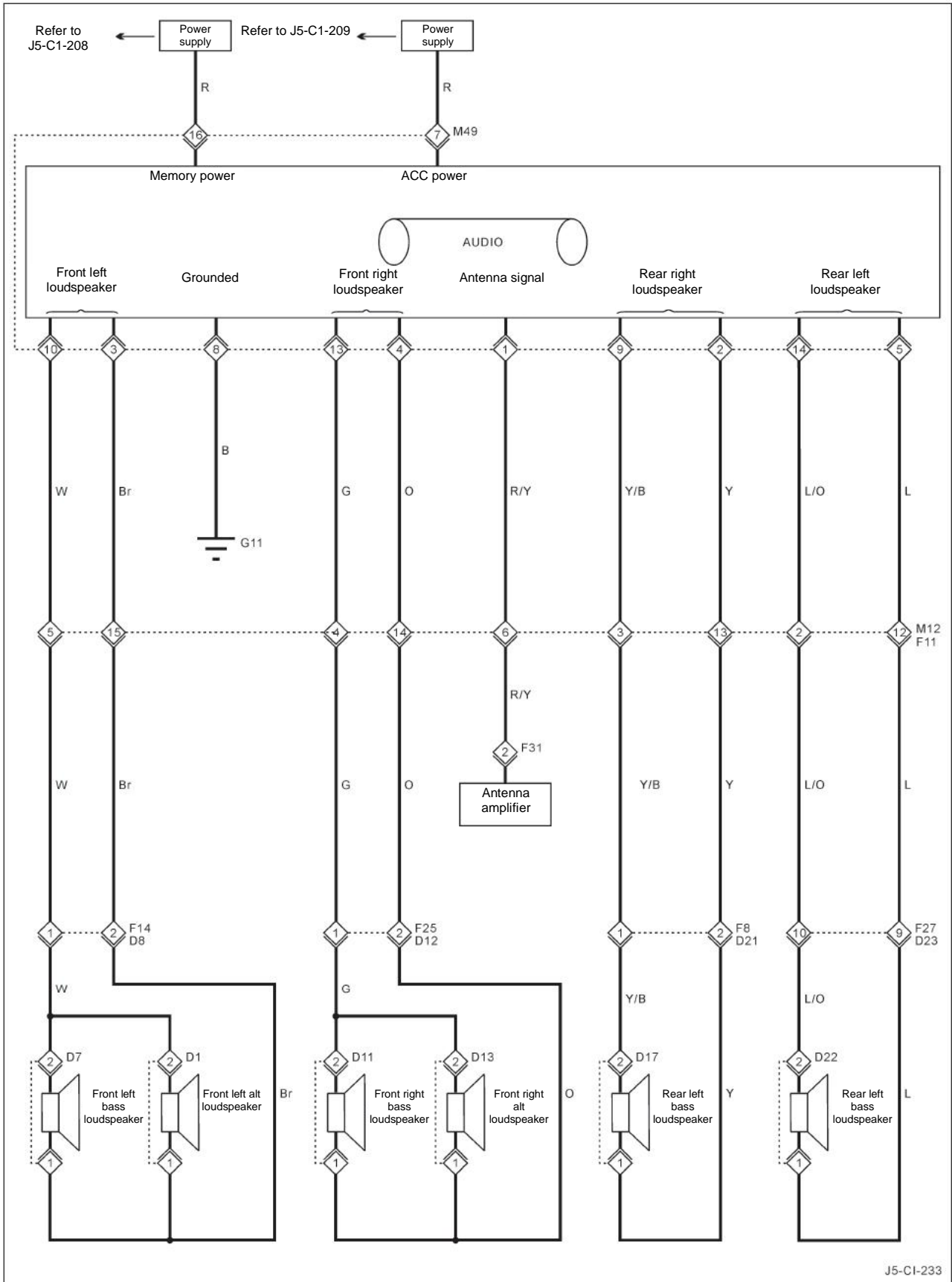
◇ harness plug

No.	No.	Description of harness plug
F8	D21	Vehicle frame harness – rear left door harness (below the left post B)
F14	D8	Vehicle frame harness – front left door harness (below the left post A)
F25	D12	Vehicle frame harness – front right door harness (below the right post A)
F27	D23	Vehicle frame harness – rear right door harness (below the right post B)
M13	F12	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
D4	To door lock actuator	Front left door harness
D16	To door lock actuator	Front right door harness
D18	To door lock actuator	Rear left door harness
D26	To door lock actuator	Rear right door harness
M5	To door lock relay	Main harness
M7	To ETACS	Main harness

Stereo system



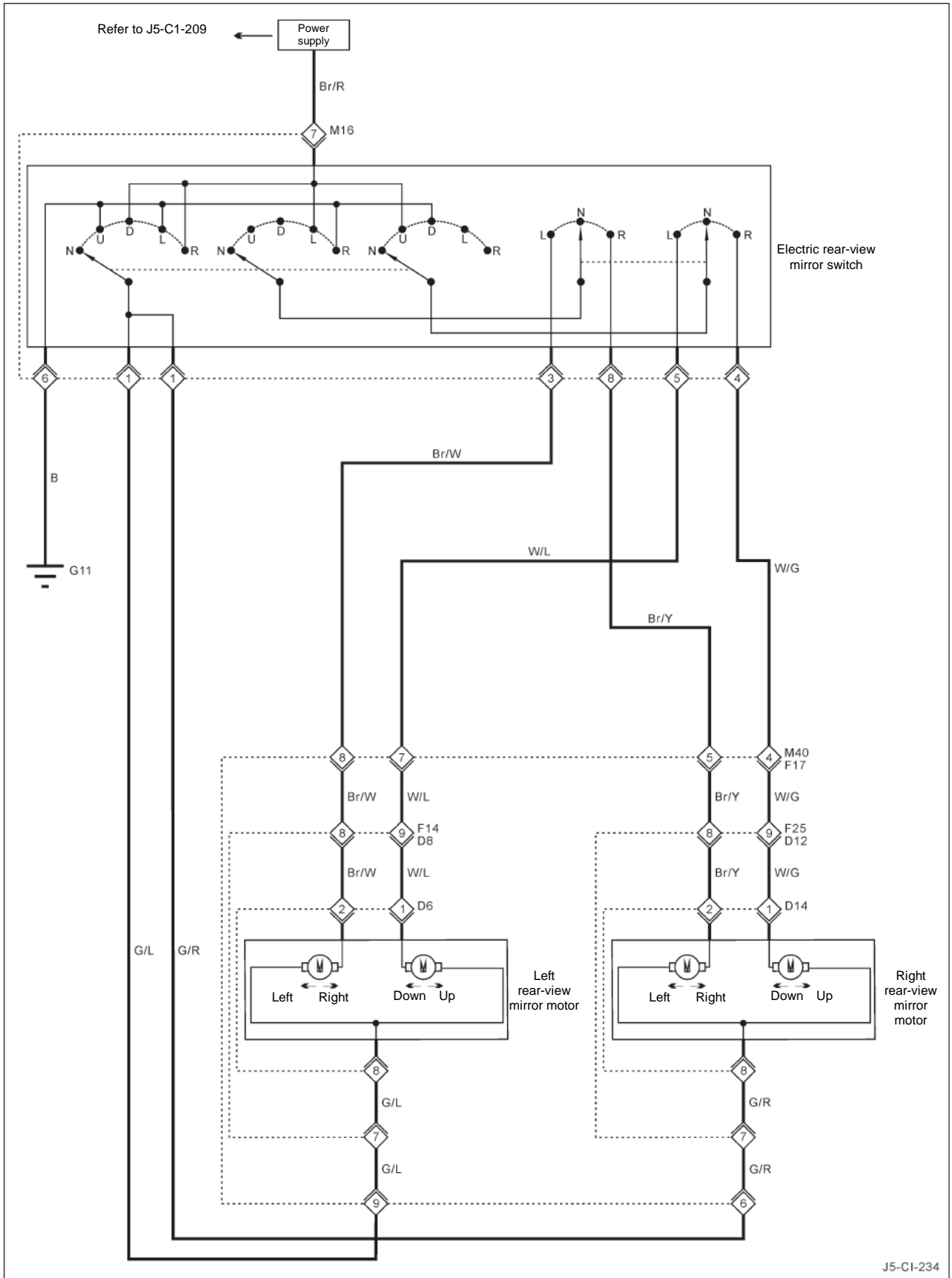
◇ harness plug

No.	No.	Description of harness plug
F8	D21	Vehicle frame harness – rear left door harness (below the left post B)
F14	D8	Vehicle frame harness – front left door harness (below the left post A)
F25	D12	Vehicle frame harness – front right door harness (below the right post A)
F27	D23	Vehicle frame harness – rear right door harness (below the right post B)
M12	F11	Main harness –vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
D1	To front left alt horn	Front left door harness
D7	To front left bass horn	Front left door harness
D11	To front right bass horn	Front right door harness
D13	To front right alt horn	Front right door harness
D17	To rear left bass horn	Rear left door harness
D22	To rear right bass horn	Rear right door harness
F31	To antenna amplifier	Vehicle frame harness
M49	To radio player	Main harness

Electric rear-view mirror



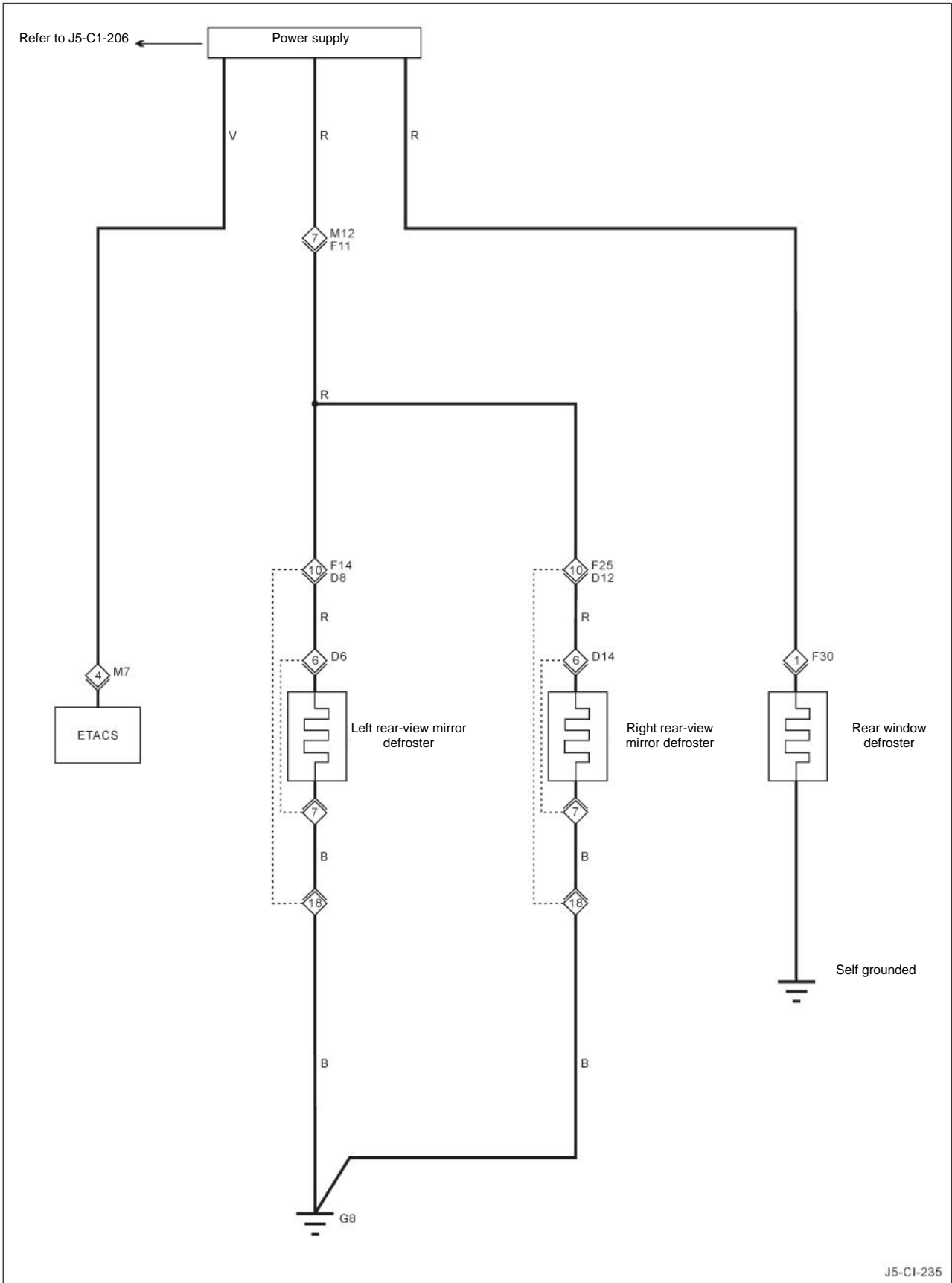
◇ harness plug

No.	No.	Description of harness plug
F14	D8	Vehicle frame harness – front left door harness (below the left post A)
F25	D12	Vehicle frame harness – front right door harness (below the right post B)
M40	F17	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
D6	To left exterior rear-view mirror	Front left door harness
D14	To right exterior rear-view mirror	Front right door harness
M16	To rear-view mirror switch	Main harness

Rear window and exterior rear-view mirror defrosting system



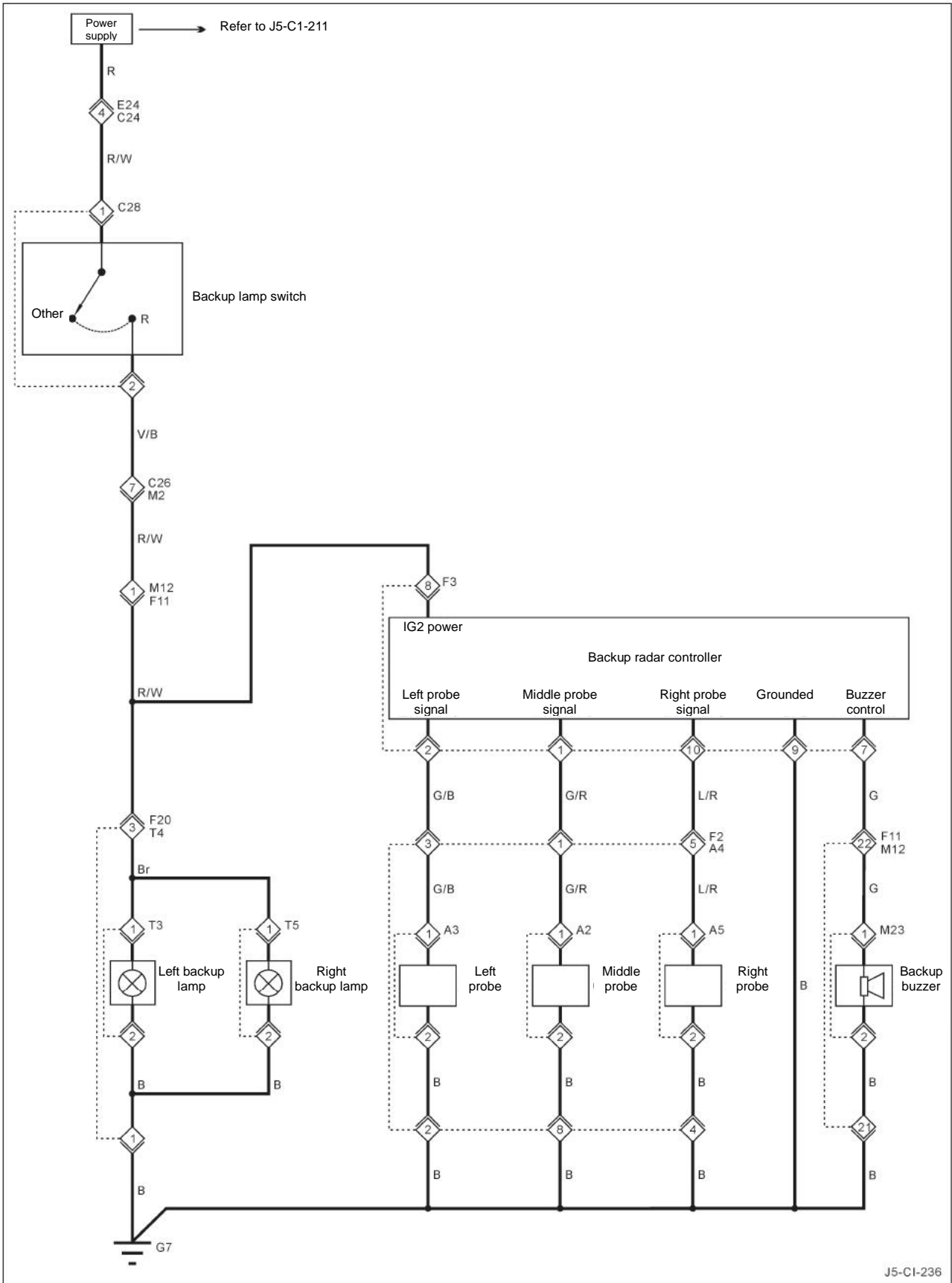
◇ harness plug

No.	No.	Description of harness plug
F14	D8	Vehicle frame harness – front left door harness (below the front left door post)
F25	D12	Vehicle frame harness – front right door harness (below the front right door post)
M12	F11	Main harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
D6	To left exterior rear-view mirror	Front left door harness
D14	To right exterior rear-view mirror	Front right door harness
F30	To rear defroster power	Vehicle frame harness
M7	To ETACS	Main harness

Backup lamp and backup radar



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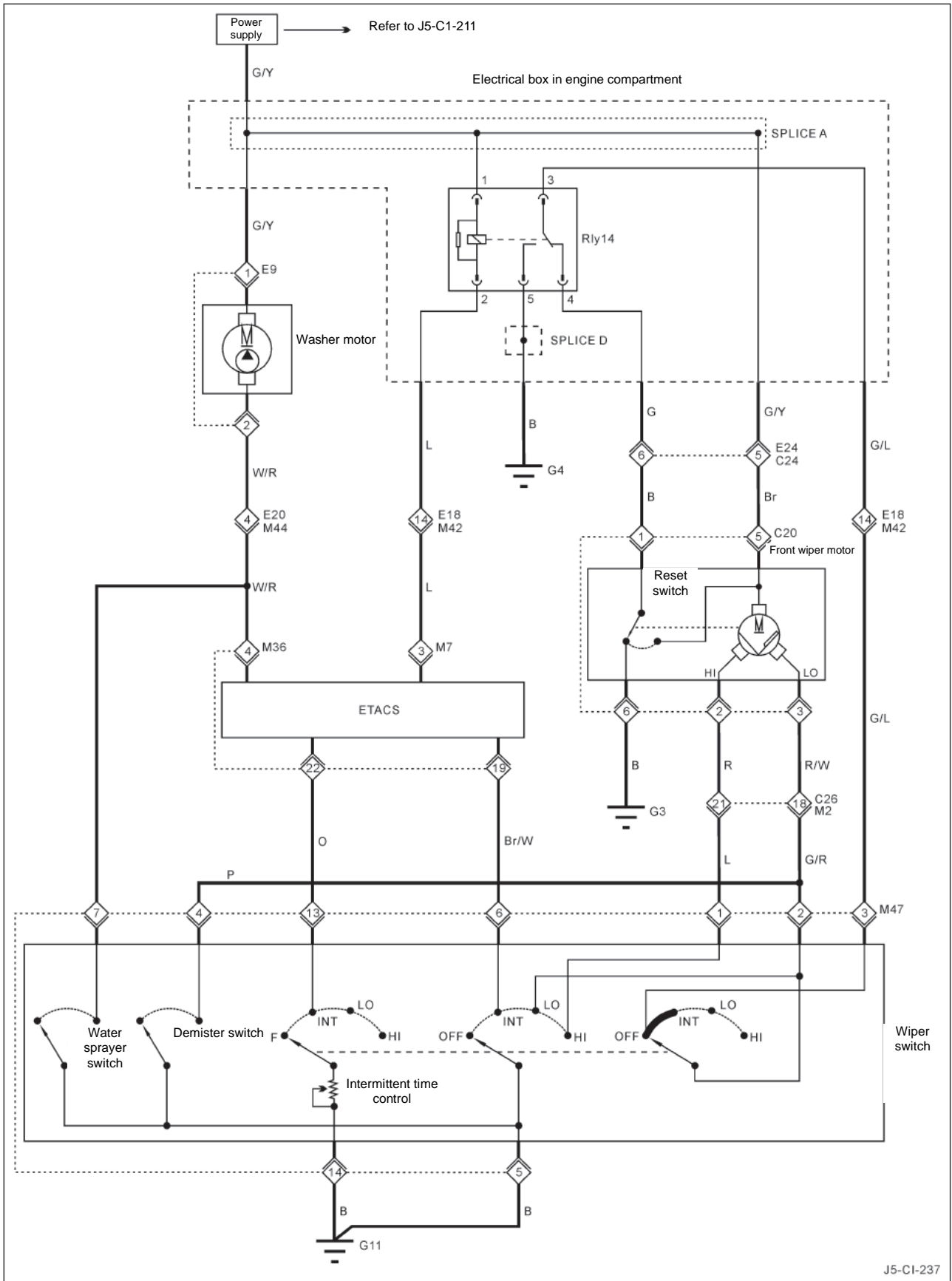
◇ harness plug

No.	No.	Description of harness plug
A4	F2	Backup radar harness- vehicle frame harness (below the rear left combined lamp)
C24	E24	Engine control harness – engine harness (on the right of brake oil tank)
C26	M2	Engine control harness – main harness (below and on the right of dashboard)
M12	F11	Main harness – vehicle frame harness (below and on the left of dashboard)
T4	F20	Tail door harness – vehicle frame harness (above and on the left of luggage compartment)

□: switch and electrical device

No.	Description	Position
A2	To middle probe	Backup radar harness
A3	To left probe	Backup radar harness
A5	To right probe	Backup radar harness
C28	To backup lamp switch	Engine control harness
F3	To backup radar controller	Vehicle frame harness
M23	To backup buzzer	Main harness
T3	To left backup lamp	Tail door harness
T5	To right backup lamp	Tail door harness

Wiper and washer system



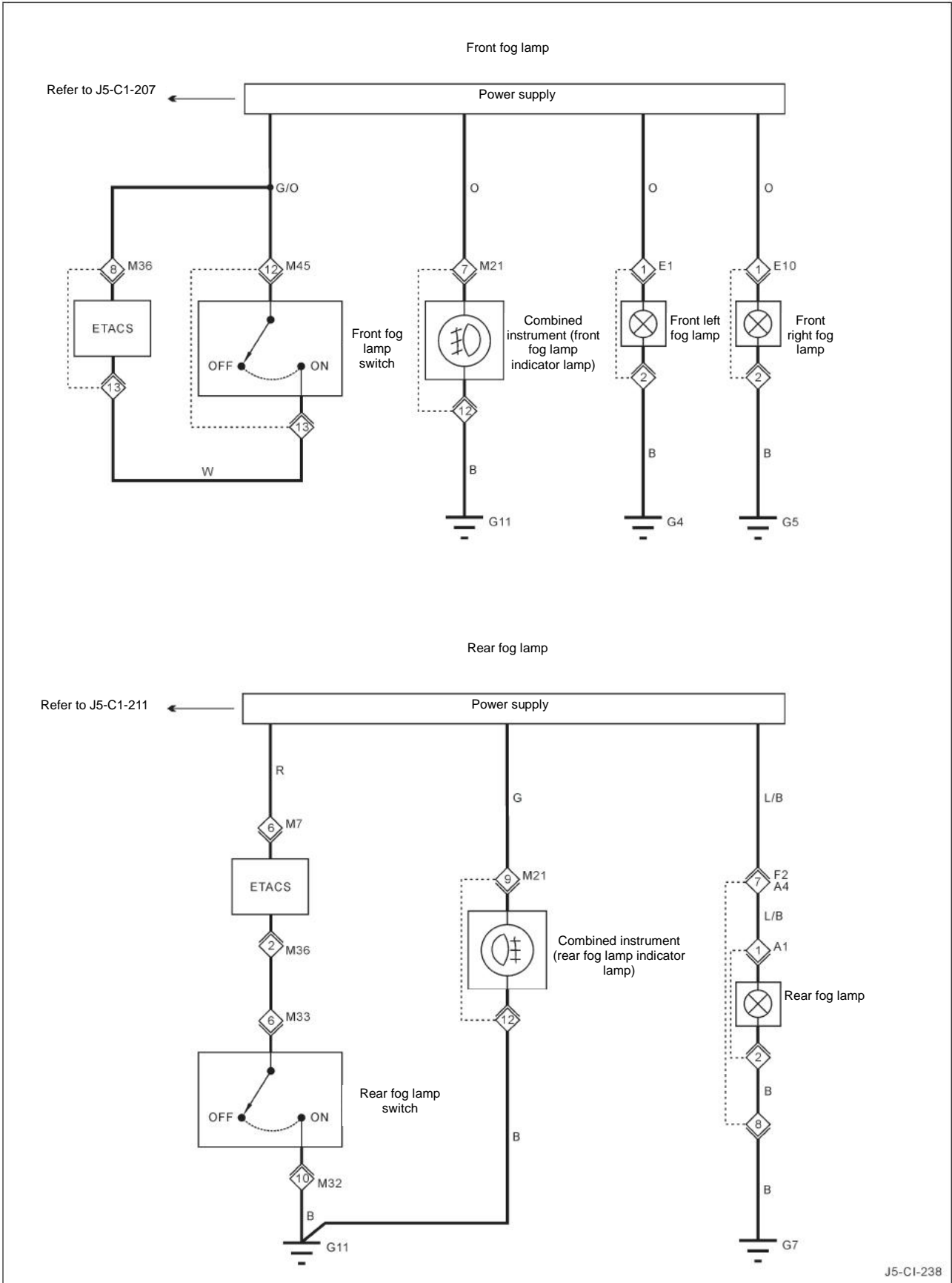
◇ harness plug

No.	No.	Description of harness plug
C24	E24	Engine control harness – engine harness (on the right of brake oil tank)
C26	M2	Engine control harness – main harness (below and on the right of dashboard)
E18	M42	Engine harness – main harness (below and on the left of dashboard)
E23	M44	Engine harness – main harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
C20	To front wiper motor	Engine control harness
E9	To washer motor	Engine harness
M7	To ETACS	Main harness
M36	To ETACS	Main harness
M47	To combined switch - wiper	Main harness

Fog lamp



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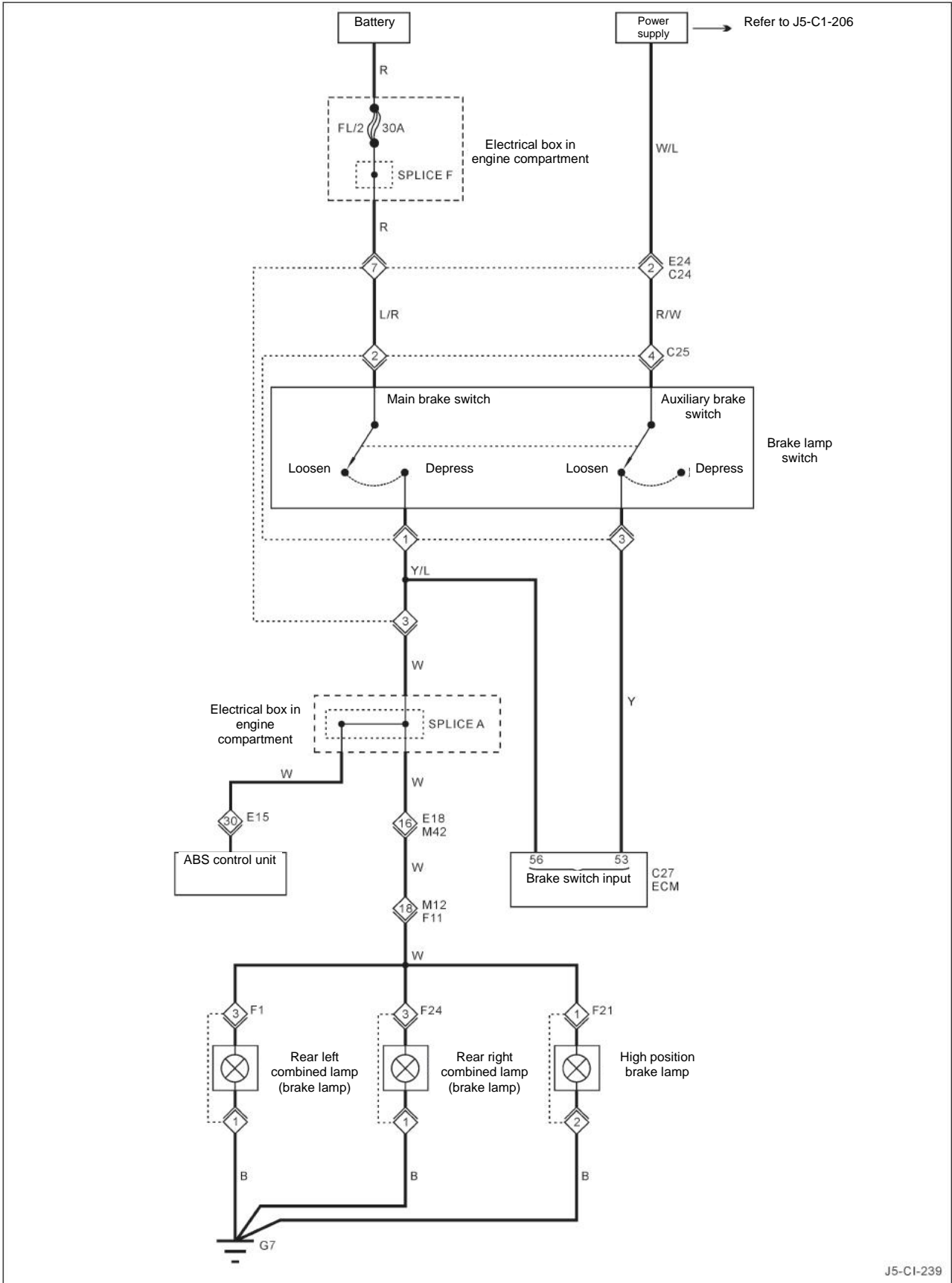
◇ harness plug

No.	No.	Description of harness plug
A4	F2	Backup radar harness – vehicle frame harness (below the rear left combined lamp)

□: switch and electrical device

No.	Description	Position
A1	To rear fog lamp	Backup radar harness
E1	To front left fog lamp	Engine harness
E10	To front right fog lamp	Engine harness
M7	To ETACS	Main harness
M21	To combined instrument	Main harness
M32	To A/C control panel	Main harness
M33	To A/C control panel	Main harness
M36	To ETACS	Main harness
M45	To combined switch -lamplight	Main harness

Brake lamp



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◇ harness plug

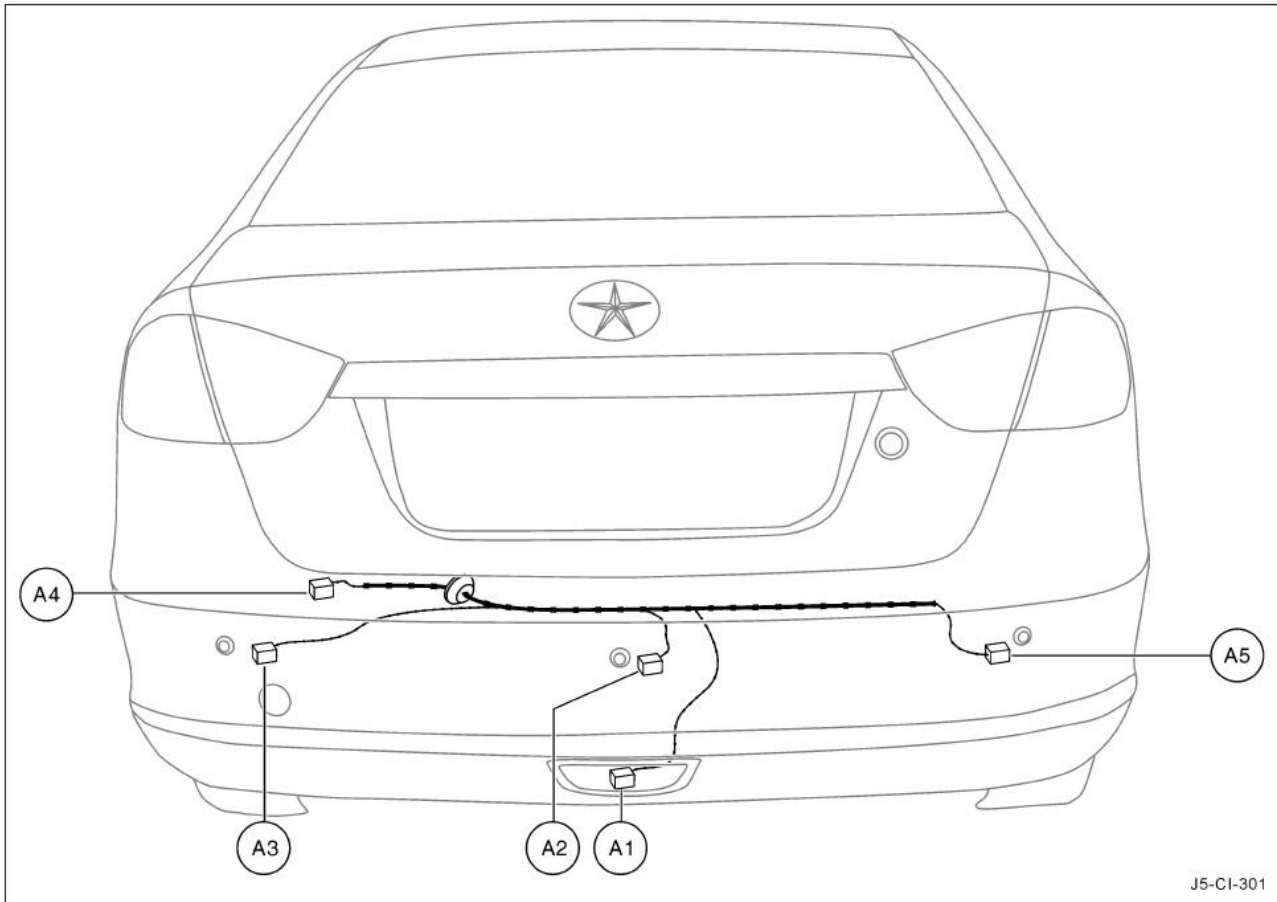
No.	No.	Description of harness plug
C24	E24	Engine control harness – engine harness (on the right of brake oil tank)
E18	M42	Engine harness – main harness (below and on the left of dashboard)
M12	F11	Engine harness – vehicle frame harness (below and on the left of dashboard)

□: switch and electrical device

No.	Description	Position
C25	To brake lamp switch	Engine control harness
C27	To ECM	Engine control harness
E15	To ABS control unit	Engine harness
F1	To rear left combined lamp	Vehicle frame harness
F21	To high-position brake lamp	Vehicle frame harness
F24	To rear right combined lamp	Vehicle frame harness

Harness plug layout

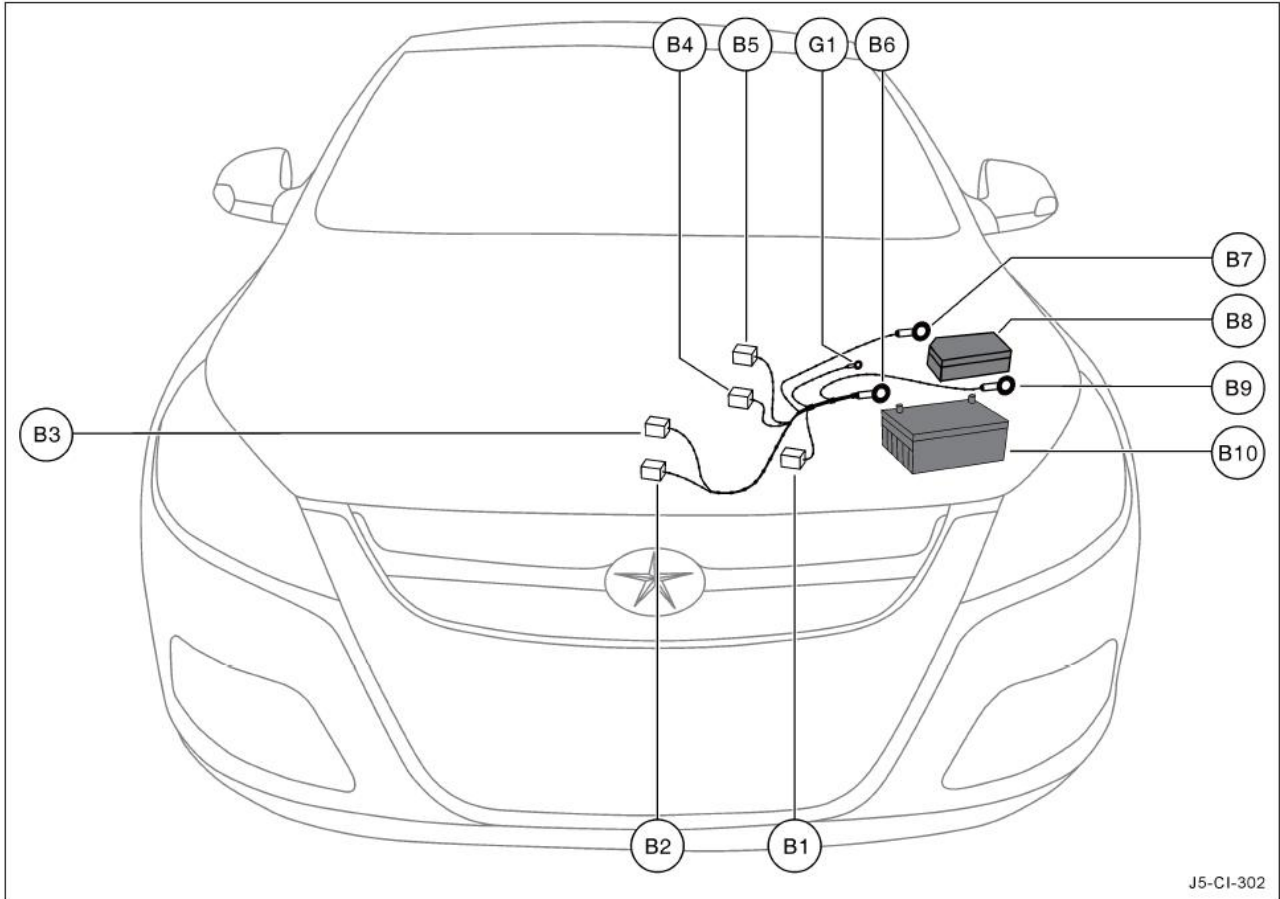
Backup radar harness



A1	To rear fog lamp
A3	To left probe
A5	To right probe

A2	To middle probe
A4	Harness plug (to vehicle frame harness)

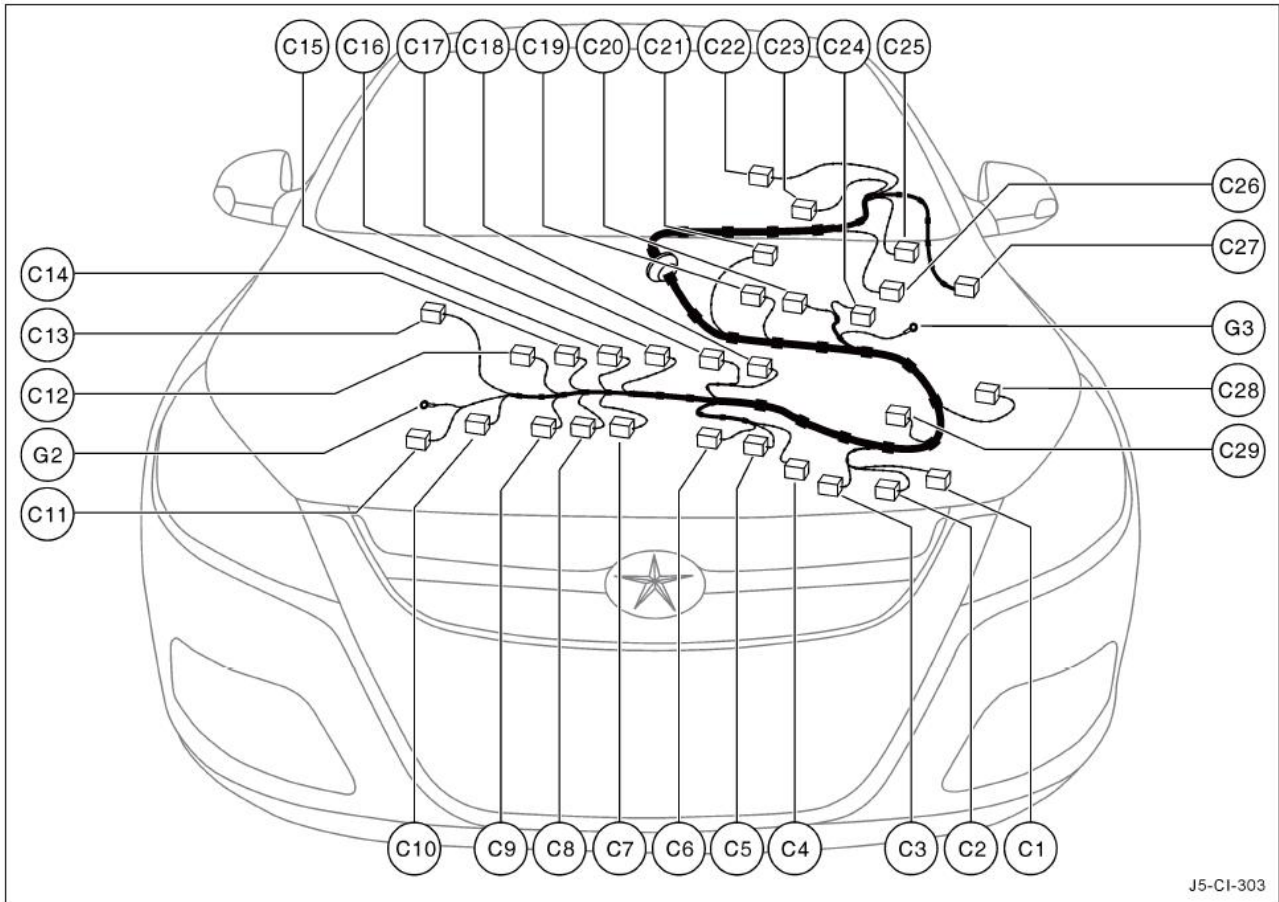
Power harness



B1	Harness plug (to engine harness)
B3	To generator regulator
B5	To electromagnetic switch of starter
B7	To electrical box in engine compartment
B9	Battery negative pole
G1	Battery negative Grounding wire

B2	To generator B+
B4	To starter
B6	Battery positive pole
B8	Electrical box in engine compartment
B10	Battery

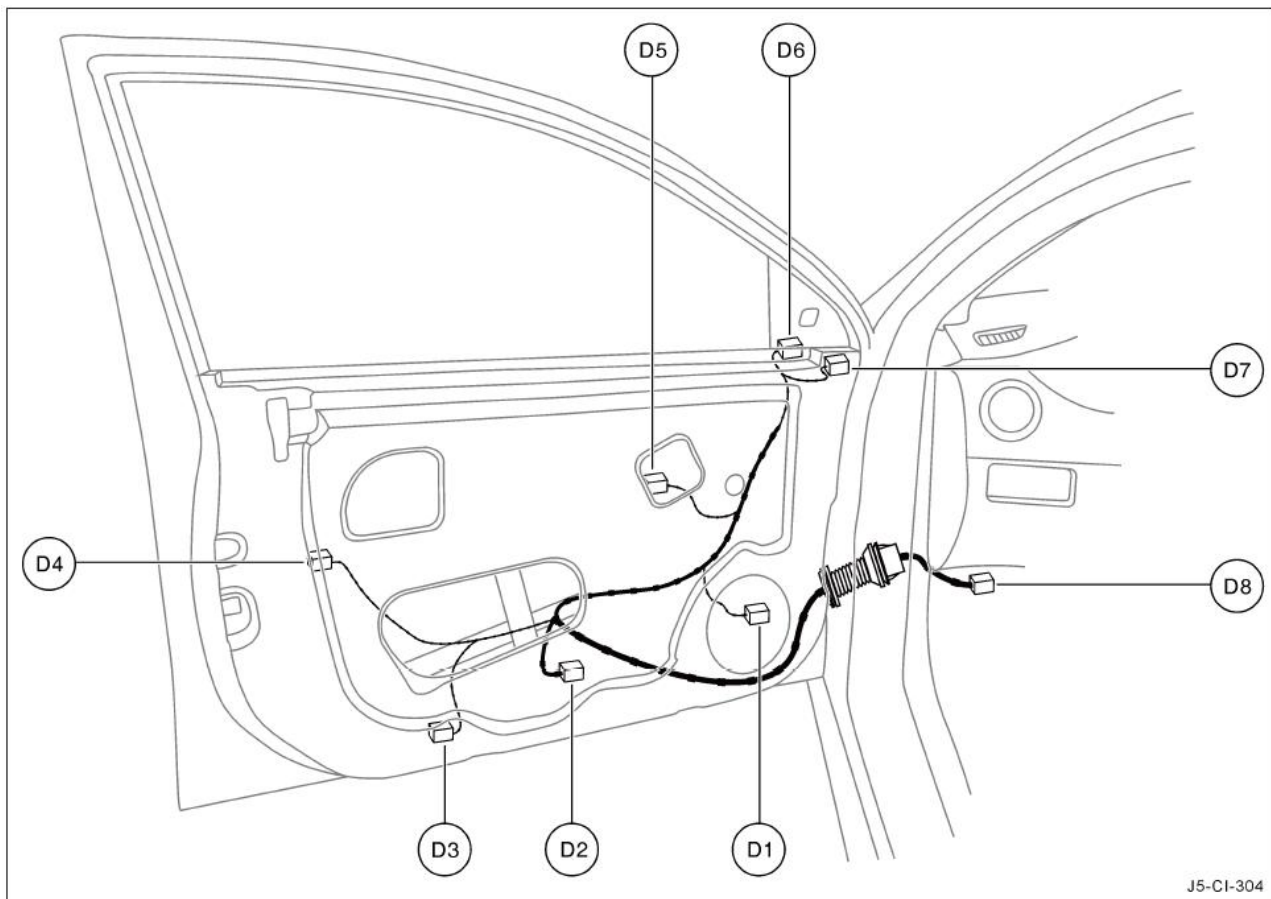
Engine control harness



C1	To crankshaft position sensor
C3	To electronically controlled throttle body
C5	To front oxygen sensor
C7	To Cylinder 4 fuel injector
C9	To Cylinder 2 fuel injector
C11	To OCV valve
C13	To power steering switch
C15	To Cylinder 3 ignition coil
C17	To camshaft position sensor
C19	To vehicle speed sensor
C21	To brake oil level sensor
C23	To rear oxygen sensor
C25	To brake lamp switch
C27	To ECU
C29	To shock sensor
G3	Grounding point of engine control harness

C2	To oil pressure switch
C4	To canister solenoid valve
C6	To water temperature sensor
C8	To Cylinder 3 fuel injector
C10	To Cylinder 1 fuel injector
C12	To Cylinder 1 ignition coil
C14	To Cylinder 2 ignition coil
C16	To Cylinder 4 ignition coil
C18	To intake air temperature/pressure sensor
C20	To front wiper motor
C22	To throttle position sensor
C24	Harness plug (to engine harness)
C26	Harness pug (to main harness)
C28	To backup lamp switch
G2	Grounding point of engine control harness

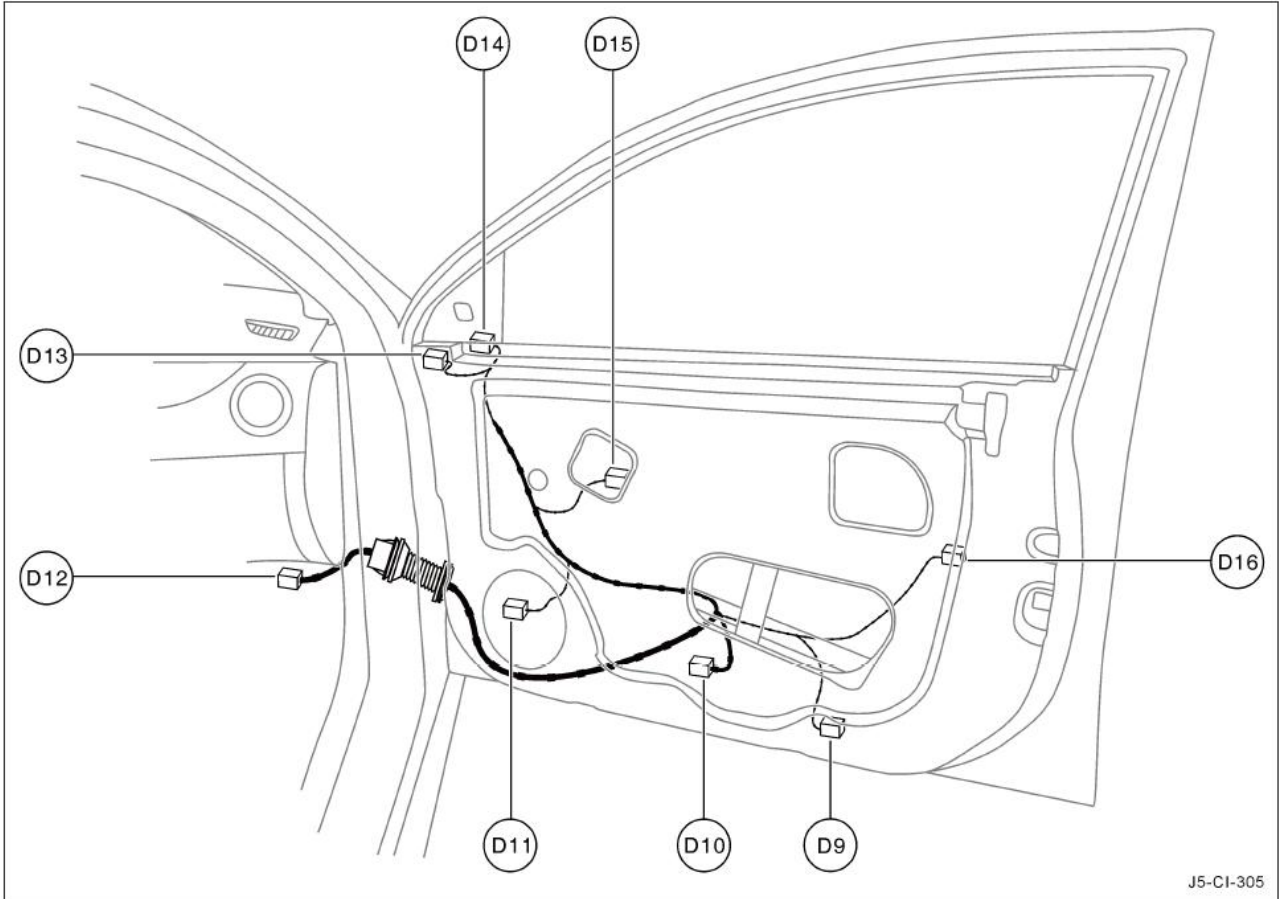
Front left door harness



D1	To front left alt horn
D3	To front left door lamp
D5	To front left glass lift motor
D7	To front left bass horn

D2	To glass lift switch
D4	To door lock actuator
D6	To left exterior rear-view mirror
D8	To harness plug (to vehicle frame harness)

Front right door harness

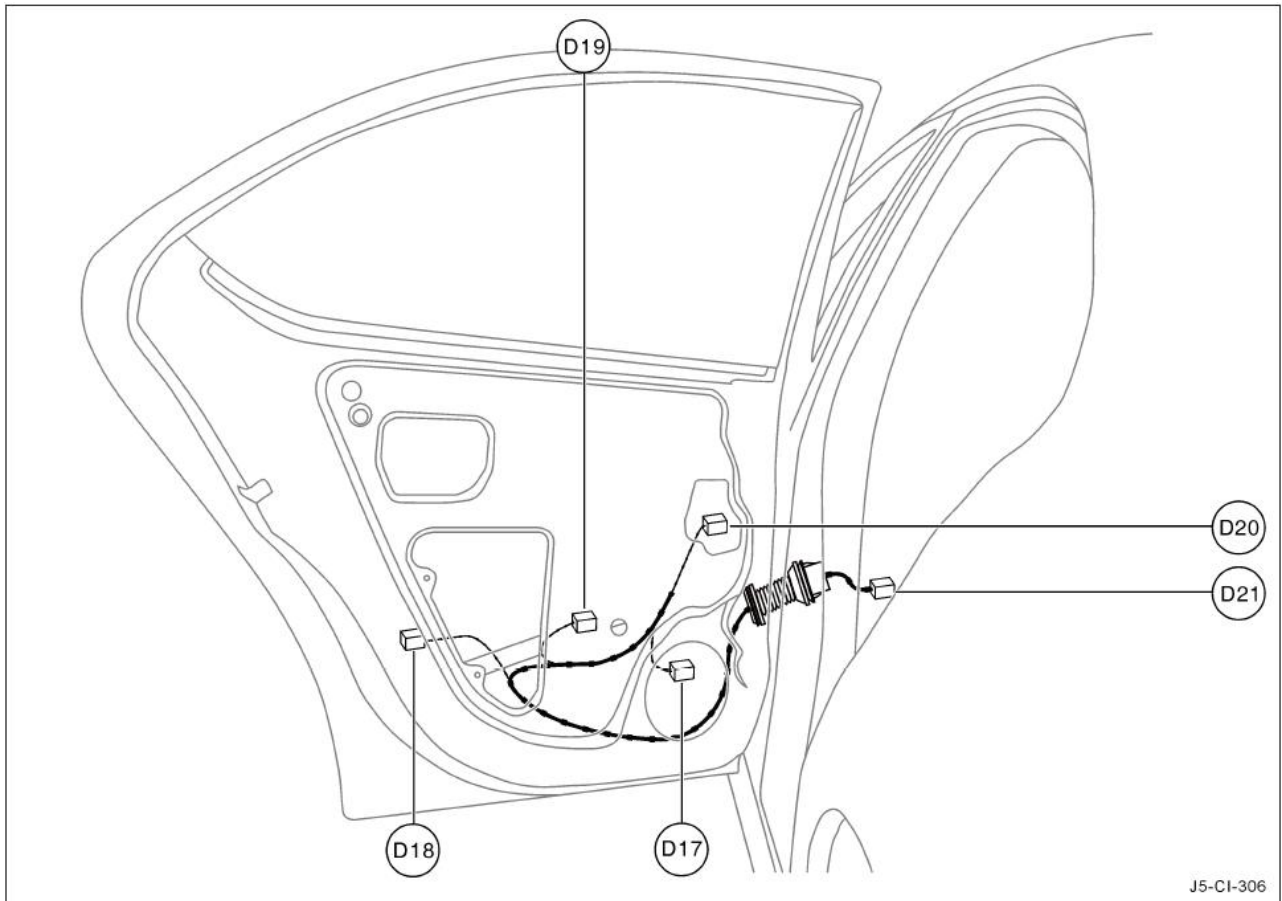


J5-CI-305

D9	To front right door lamp
D11	To front right bass horn
D13	To front right alt horn
D15	To front right glass lift motor

D10	To glass lift switch
D12	Harness plug (to vehicle frame harness)
D14	To right exterior rear-view mirror
D16	To door lock actuator

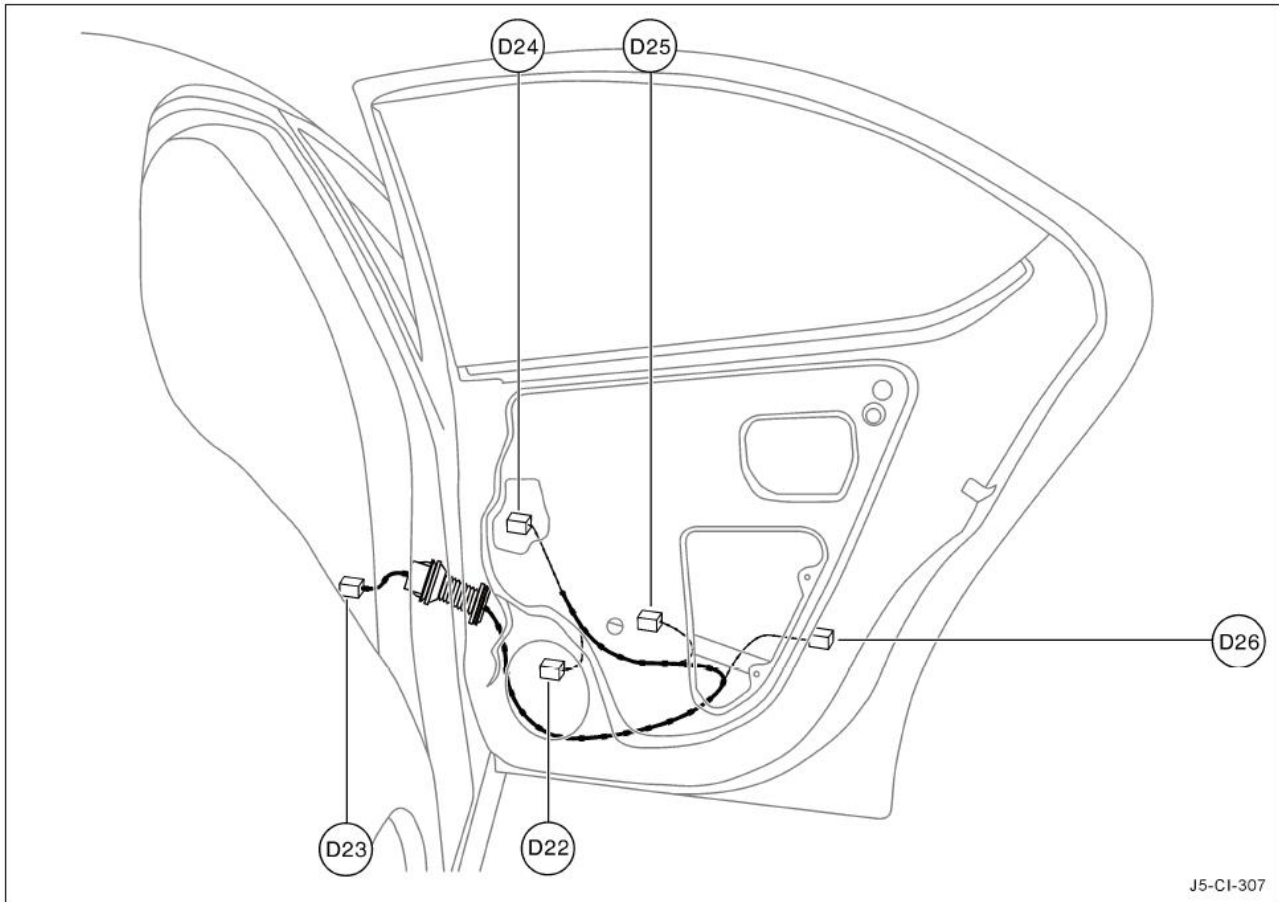
Rear left door harness



D17	To rear left bass horn
D19	To glass lift switch
D21	Harness plug (to vehicle frame harness)

D18	To door lock actuator
D20	To rear left glass lift motor

Rear right door harness

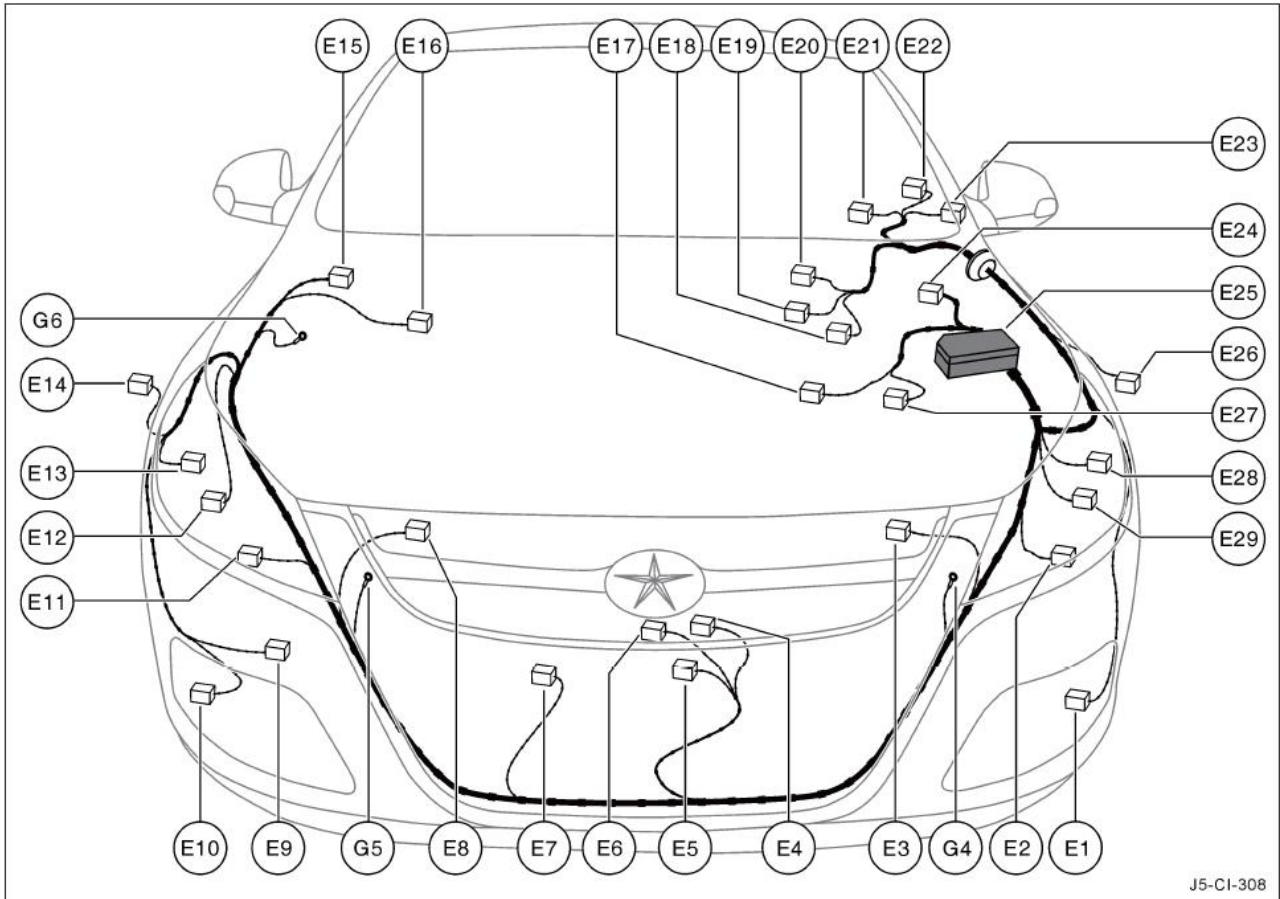


J5-CI-307

D22	To rear right bass horn
D19	To rear right glass lift motor
D21	To door lock actuator

D23	Harness plug (to vehicle frame harness)
D25	To glass lift switch

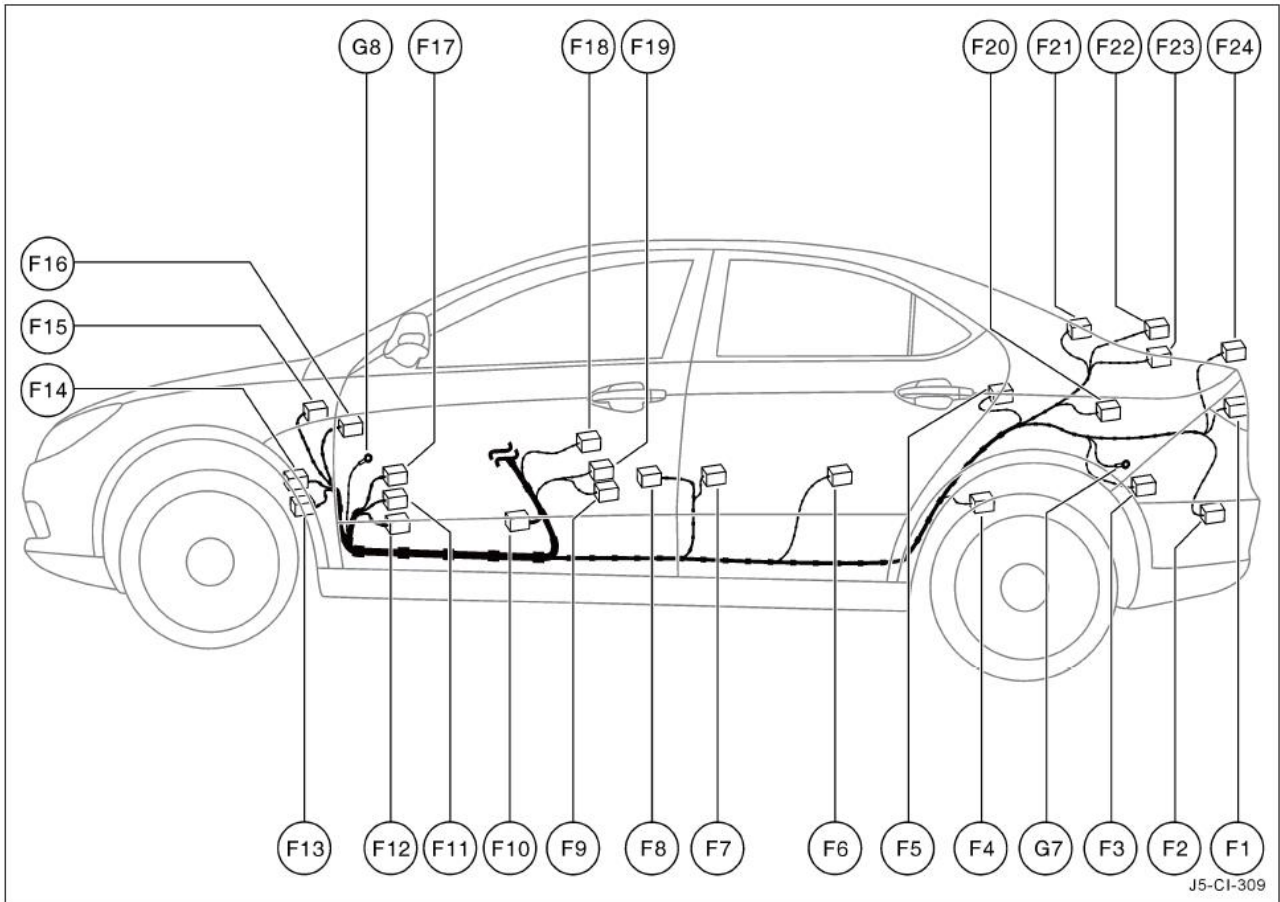
Engine harness



E1	To front left fog lamp
E3	To radiator fan
E5	To ambient air temperature sensor
E7	To A/C compressor
E9	To washer motor
E11	To right combined headlamp
E13	To front right turning lamp
E15	To ABS control unit
E17	To battery B+
E19	Harness plug (to main harness)
E21	To interior electrical box (I/P-C)
E23	To interior electrical box (I/P-F)
E25	Electrical box in engine compartment
E27	Harness plug (to power harness)
E29	To left regulator motor
G5	Right vehicle body grounding wire

E2	To left combined headlamp
E4	To alt horn
E6	To bass horn
E8	To condenser fan
E10	To front right fog lamp
E12	To right regulator motor
E14	To front right wheel speed sensor
E16	To 3-element pressure switch
E18	Harness plug (to main harness)
E20	Harness plug (to main harness)
E22	To interior electrical box (I/P-D)
E24	Harness plug (to engine control harness)
E26	To front left wheel speed sensor
E28	To front left turning lamp
G4	Left vehicle body grounding wire
G6	ABS grounding wire

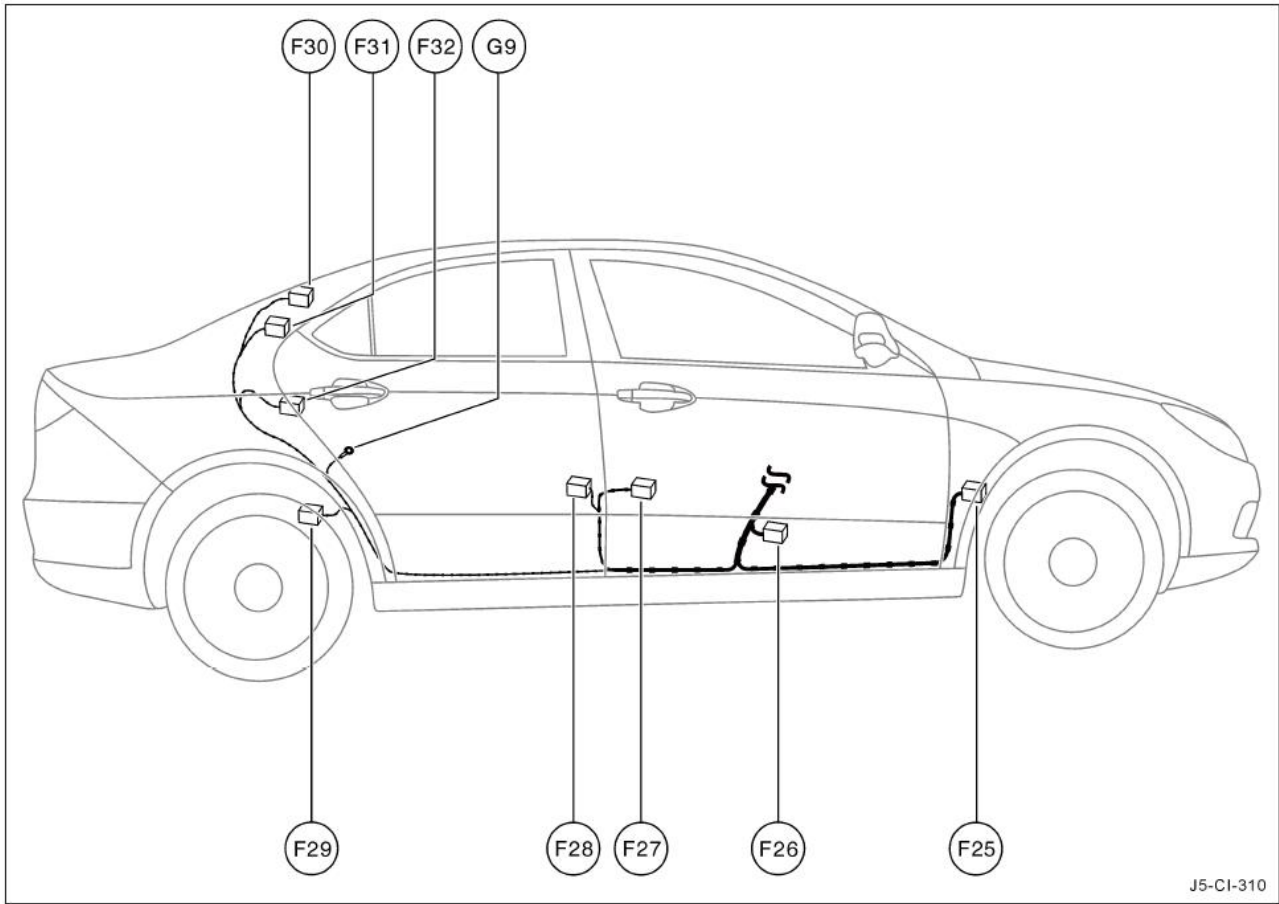
Vehicle frame harness (left)



F1	To rear left combined lamp
F3	To backup radar controller
F5	To door switch
F7	To door switch
F9	To electric seat
F11	Harness plug (to main harness)
F13	Harness plug (to front left door harness)
F15	To interior electrical box (I/P-A)
F17	Harness plug (to main harness)
F19	To safety belt switch
F21	To high-position brake lamp
F23	To luggage compartment lamp
G7	Right vehicle body grounding wire

F2	Harness plug (to backup radar harness)
F4	To rear left wheel speed sensor
F6	To fuel pump
F8	Harness plug (to rear left door harness)
F10	To short-circuiter
F12	Harness plug (to main harness)
F14	Harness plug (to front left door harness)
F16	To interior electrical box (I/P-B)
F18	To hand brake switch
F20	Harness plug (to tail door harness)
F22	To luggage compartment lamp
F24	To rear right combined lamp
G8	Left vehicle body grounding wire

Vehicle frame harness (right)

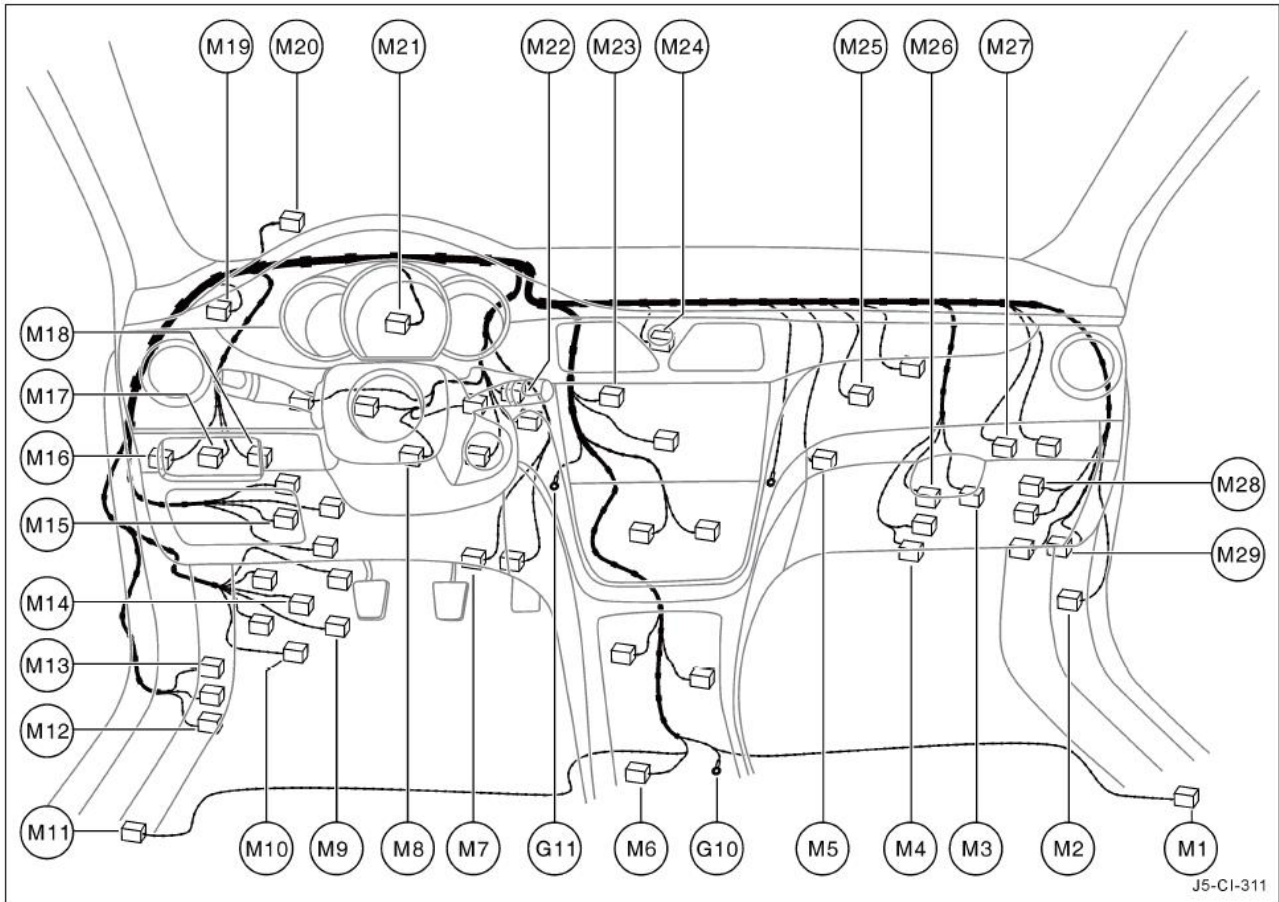


J5-CI-310

F25	Harness plug (to front right door harness)
F27	Harness plug (to rear right door harness)
F29	To rear right wheel speed sensor
F31	To antenna amplifier
G9	Rear right grounding wire of vehicle body

F26	To short-circuiter
F28	To door switch
F30	To rear defrosting power
F30	To door switch

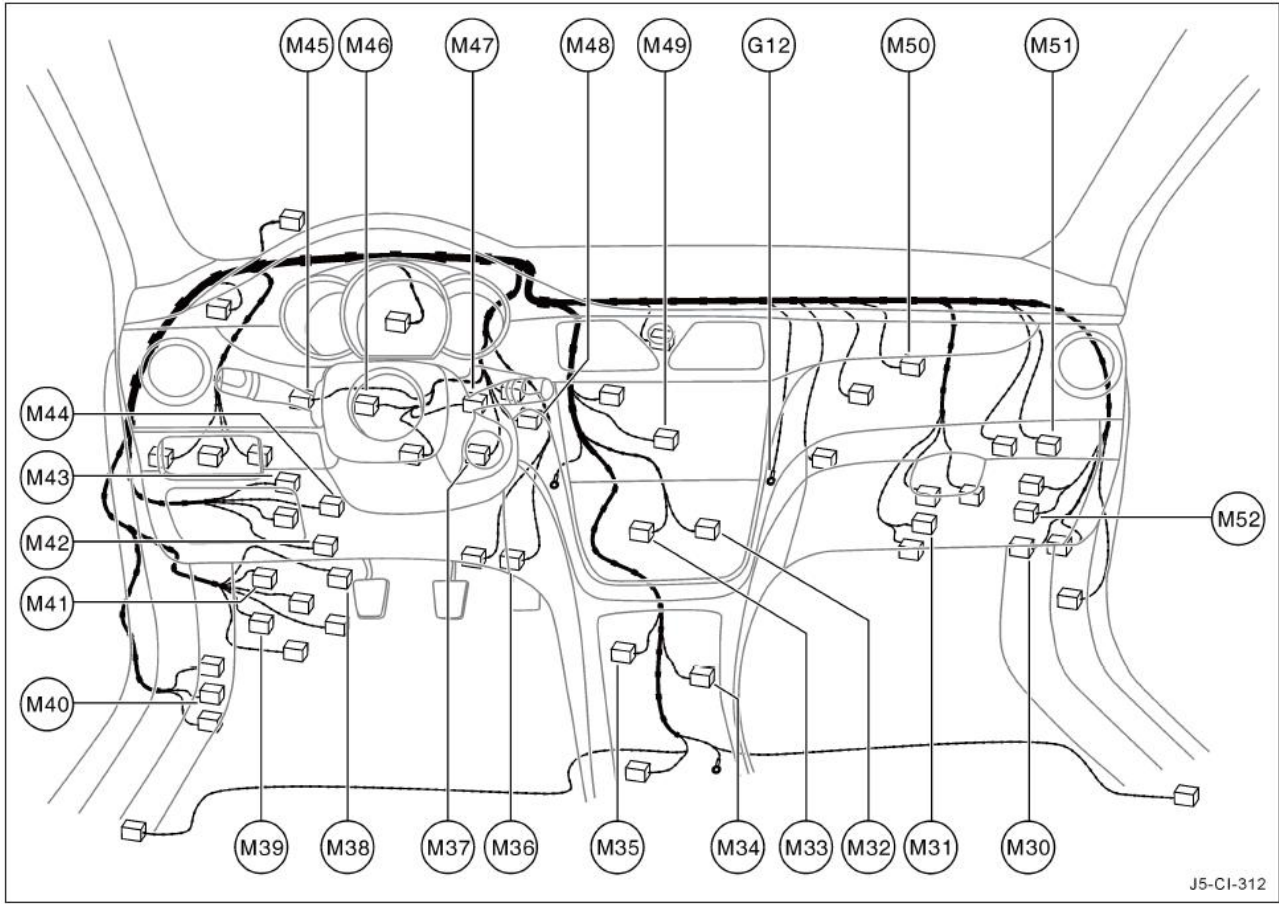
Main harness I



M1	To assistant's safety belt
M3	To Anti-theft
M5	To door lock relay
M7	To ETACS
M9	To anti-theft relay
M11	To driver's safety belt
M13	Harness plug (to vehicle frame harness)
M15	To small relay holder
M17	To headlamp regulator switch
M19	To automatic lamplight sensor
M21	To combined instrument
M23	To backup radar buzzer
M25	To assistant's SRS
M27	To glove box lamp
M29	Harness plug (to A/C harness)
G11	Left grounding wire of main harness

M2	Harness plug (to engine control harness)
M4	To Anti-theft
M6	To SRS controller
M8	To steering wheel switch
M10	To diagnosis interface
M12	Harness plug (to vehicle frame harness)
M14	To interior electrical box (I/P-H)
M16	To rear-view mirror switch
M18	To dimmer switch
M20	To short-circuiter
M22	To key switch
M24	To warning lamp switch
M26	To Anti-theft
M28	To glove box switch (+)
G10	SRS grounding wire

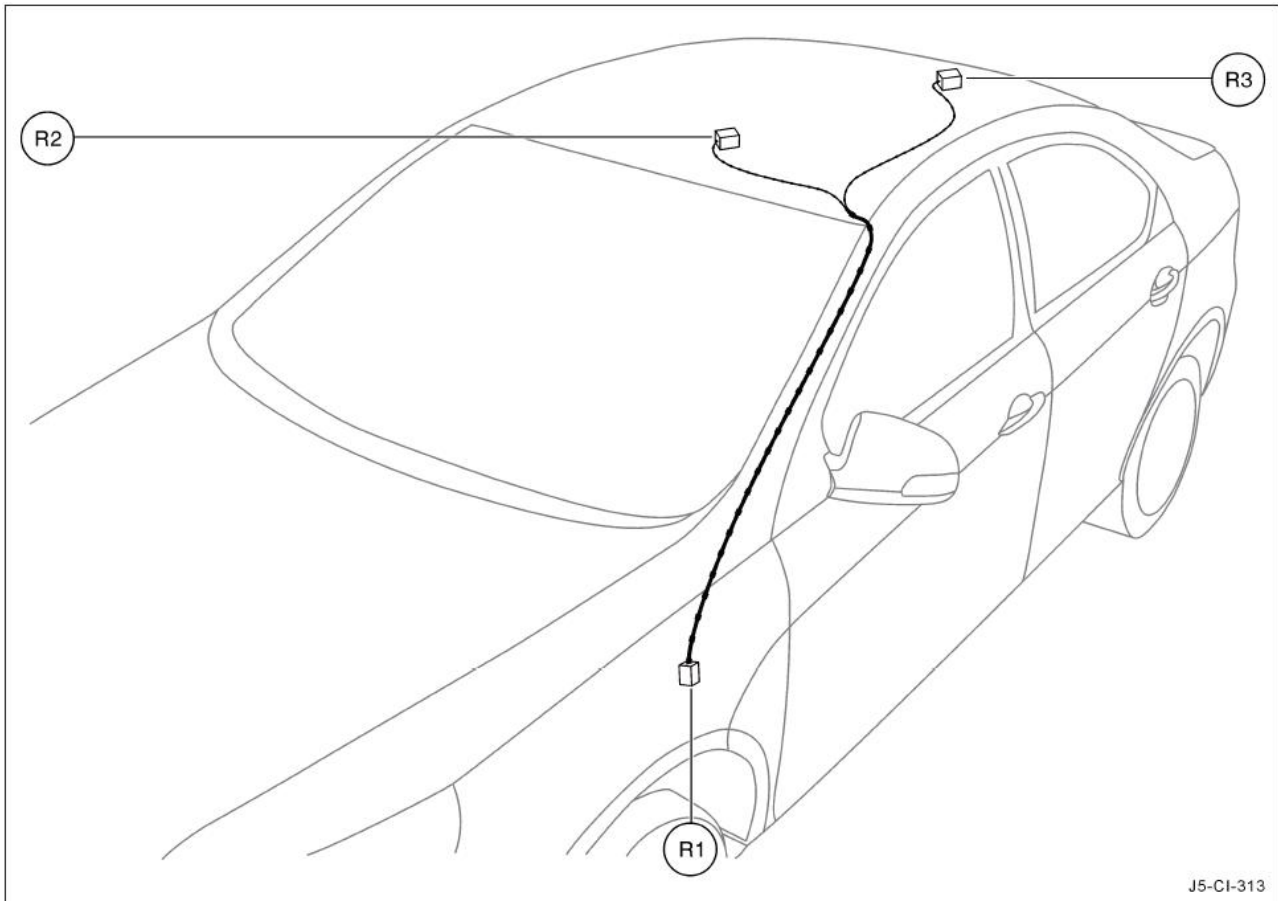
Main harness II



M30	Harness plug (to A/C harness)
M32	To A/C control panel
M34	To on-board power
M36	To ETACS
M38	To interior electrical box (I/P-J)
M40	Harness plug (to vehicle frame harness)
M42	Harness plug (to engine harness)
M44	Harness plug (to engine harness)
M46	To clock spring
M48	To interior air temperature sensor
M50	To sunlight sensor
M52	To glove box switch (-)

M31	To Anti-theft
M33	To A/C control panel
M35	To cigar lighter
M37	To ignition switch
M39	To interior electrical box (I/P-L)
M41	To interior electrical box (I/P-K)
M43	Harness plug (to engine harness)
M45	To combined switch – lamplight
M47	To combined switch- wiper
M49	To radio player
M51	To glove box lamp
G12	Right grounding wire of main harness

Roof harness

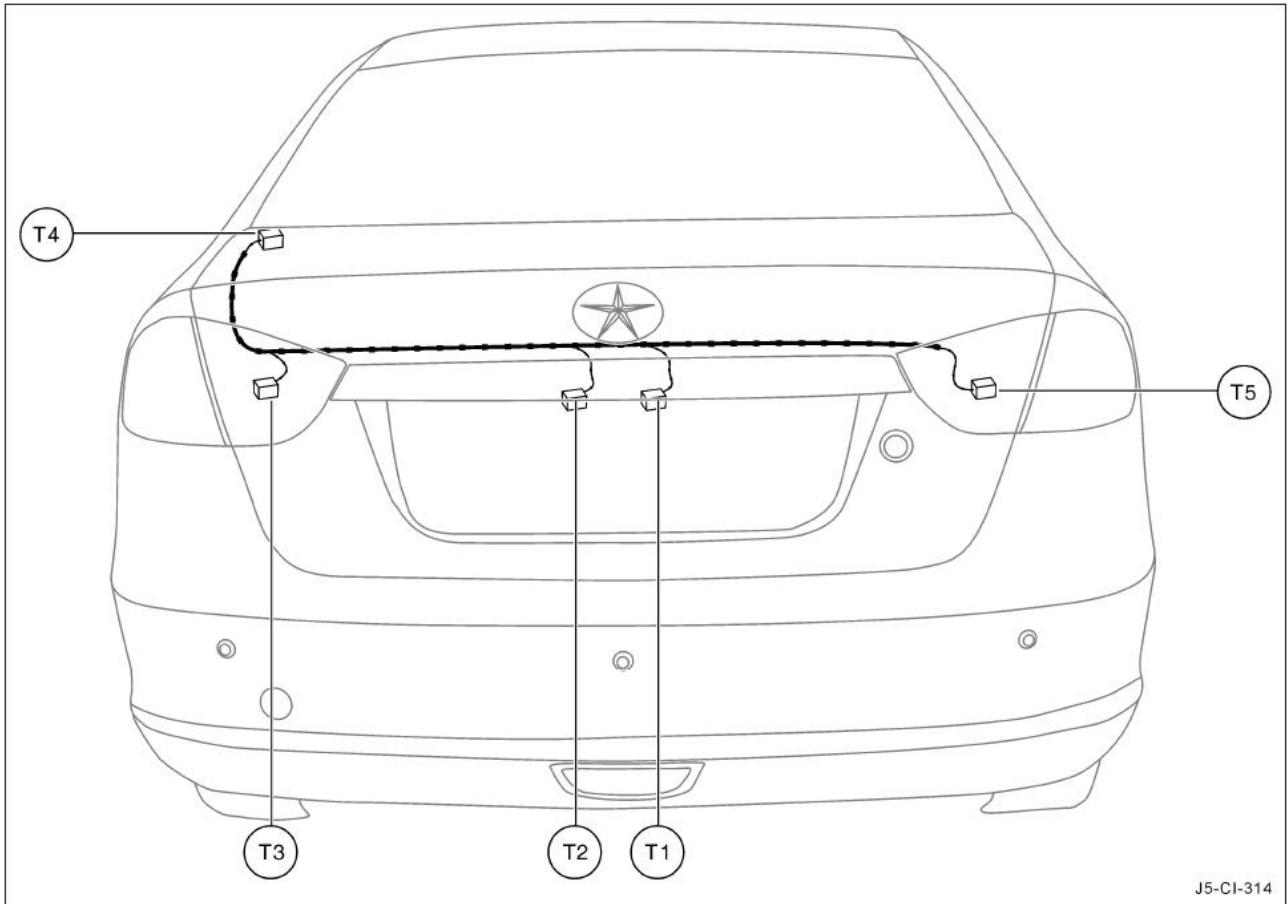


J5-CI-313

R1	To interior electrical box (I/P-G)
R3	To rear roof lamp

R2	To front roof lamp

Tail door harness



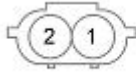
T1	To right license plate lamp
T3	To left backup lamp
T5	To right backup lamp

T2	To left license plate lamp
T4	Harness plug (to vehicle frame harness)

Definition of harness plug

Description of backup radar harness plug

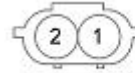
A1: To rear fog lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	L/B	Rear fog lamp (+)	
2	B	Rear fog lamp (-)	

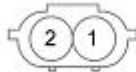
A2: To middle probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Middle probe grounded	

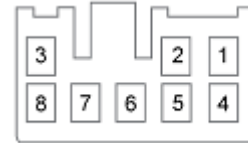
A3: To left probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	G/B	Left probe signal	
2	B	Left probe grounded	

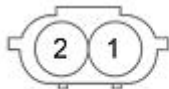
A4: Harness plug (to vehicle frame harness)



92R233.1

Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Middle probe grounded	
3	G/B	Left probe signal	
4	B	Left probe grounded	
5	L/R	Right probe signal	
6	B	Right probe grounded	
7	L/B	Rear fog lamp (+)	
8	B	Rear fog lamp (-)	

A4: To right probe



DJ7021Y-2-11

Terminal No.	Color	Function	Remark
1	L/R	Right probe grounded	
2	B	Right probe signal	

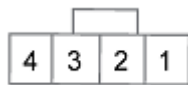
Description of power harness plug

B1: Harness plug (to vehicle frame harness)



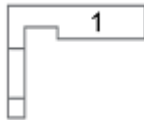
Terminal No.	Color	Function	Remark
1	O/W	Generator output	
2	W/R	Charging indicator lamp	
3	P	Starter electromagnetic switch (+)	
4	-	-	

B3: To generator regulator



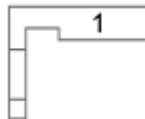
Terminal No.	Color	Function	Remark
1	-	-	
2	W/R	Generator output	
3	O/W	Charging indicator lamp	
4	-	-	

B6: Battery positive pole



Terminal No.	Color	Function	Remark
1	R	Battery positive pole	

B9: Battery negative pole



Terminal No.	Color	Function	Remark
1	R	Battery negative pole	

B2: To generator B+



Terminal No.	Color	Function	Remark
1	R	Generator (+)	

B4: To starter



Terminal No.	Color	Function	Remark
1	R	Starter (+)	

B5: To starter electromagnetic switch



Terminal No.	Color	Function	Remark
1	P	Electromagnetic switch (+)	

B7: To electrical box in engine compartment



Terminal No.	Color	Function	Remark
1	R	Generator (+)	

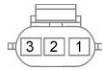
G1: To battery negative



Terminal No.	Color	Function	Remark
1	B	Battery negative Grounding wire	

Description of engine control harness plug

C1: To crankshaft position sensor



Terminal No.	Color	Function	Remark
1	R/B	Crankshaft position sensor (+)	
2	R/L	Crankshaft position sensor (-)	
3	R	Crankshaft signal	

C3: To electronically controlled throttle body



Terminal No.	Color	Function	Remark
1	B/Y	Throttle position sensor (+)	
2	L/R	Throttle motor (+)	
3	R	Throttle motor (-)	
4	Br/B	Throttle position signal	
5	Br/R	Throttle position signal	
6	R/L	Throttle position sensor (-)	

C6: To water temperature sensor



Terminal No.	Color	Function	Remark
1	V	Water temperature sensor (-)	
2	G	Water temperature signal	
3	G/Y	Water temperature sensor signal	

C8: To Cylinder 3 fuel injector



Terminal No.	Color	Function	Remark
1	W/L	Cylinder 3 fuel injector (-)	
2	B/Y	Cylinder 3 fuel injector (+)	

C2: To oil pressure switch



DJ7015-6.3-21

Terminal No.	Color	Function	Remark
1	R	Oil pressure switch (+)	

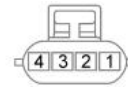
C4: To canister solenoid valve



12052643

Terminal No.	Color	Function	Remark
1	B/Y	Canister solenoid valve (+)	
2	B/L	Canister solenoid valve (-)	

C5: To front oxygen sensor



12162144

Terminal No.	Color	Function	Remark
1	B/Y	Front oxygen sensor (+)	
2	B/Y	Front oxygen sensor heater (-)	
3	W	Front oxygen sensor (+)	
4	V/B	Front oxygen sensor (-)	

C7: To Cylinder 4 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	Br/W	Cylinder 4 fuel injector (-)	
2	B/Y	Cylinder 4 fuel injector (+)	

C9: To Cylinder 2 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	G/R	Cylinder 2 fuel injector (-)	
2	B/Y	Cylinder 2 fuel injector (+)	

C10: To Cylinder 1 fuel injector



15305086

Terminal No.	Color	Function	Remark
1	G/W	Cylinder 1 fuel injector (-)	
2	B/Y	Cylinder 1 fuel injector (+)	

C11: To OCV valve



Terminal No.	Color	Function	Remark
1	B/W	OCV valve (-)	
2	B/Y	OCV valve (+)	

C13: To power steering pump



12185025

Terminal No.	Color	Function	Remark
1	Gr/W	Power steering switch (+)	
2	B	Power steering switch (-)	

C15: To ignition coil 3



AMP C-282087

Terminal No.	Color	Function	Remark
1	Br/W	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	G/Y	Ignition coil (+)	

C14: To ignition coil 2



AMP C-282087

Terminal No.	Color	Function	Remark
1	L	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	R	Ignition coil (+)	

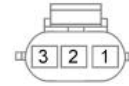
C16: To ignition coil 4



AMP C-282087

Terminal No.	Color	Function	Remark
1	W	Primary ignition coil (-)	
2	B	Secondary ignition coil (-)	
3	Y	Ignition coil (+)	

C17: To camshaft position sensor



Terminal No.	Color	Function	Remark
1	Y/W	Crankshaft position signal	
2	G/W	Crankshaft position sensor (+)	
3	B	Crankshaft position sensor (-)	

C18: To intake air temperature/pressure sensor



AMP 368162-1

Terminal No.	Color	Function	Remark
1	Y/B	Intake air pressure sensor signal	
2	O/G	Intake air pressure sensor (+)	
3	V/W	Intake air temperature sensor (+)	
4	Y	Sensor (-)	

C19: To vehicle speed sensor



AMP 282191-1

Terminal No.	Color	Function	Remark
1	B/Y	Vehicle speed signal	
2	B	Vehicle speed sensor (+)	
3	L/Y	Vehicle speed sensor (-)	

C20: To front wiper motor



DJ70610Y-2.2-20

Terminal No.	Color	Function	Remark
1	B	Wiper motor reset	
2	R	Wiper motor high-speed	
3	R/W	Wiper motor low-speed	
4	-	-	
5	Br	Wiper motor (+)	
6	B	Wiper motor (-)	

C23: To rear oxygen sensor



12162144

Terminal No.	Color	Function	Remark
1	G/Y	Front oxygen sensor (+)	
2	B/Y	Front oxygen sensor heater (-)	
3	G/O	Front oxygen sensor (+)	
	W/V	Front oxygen sensor (-)	

C28: To backup lamp switch



Terminal No.	Color	Function	Remark
1	V/B	Backup lamp (+)	
2	R/W	Backup lamp switch (+)	

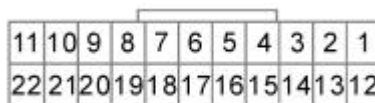
G1&G2: Grounding wire of engine control harness



ST710506-1

Terminal No.	Color	Function	Remark
1	B	Grounding wire of engine control harness	

C26: Harness plug (to main harness)



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Engine rotation speed signal		12	G/W	Blower switch signal	

C21: To brake oil level sensor



Terminal No.	Color	Function	Remark
1	B	Brake oil level warning switch (-)	
2	B	Brake oil level warning switch (+)	

C22: To throttle position sensor



Terminal No.	Color	Function	Remark
1	B/R	Throttle position signal	
2	W/V	Throttle position sensor (-)	
3	W/Y	Throttle position signal	
4	Br/G	Throttle position sensor (-)	
5	L/W	Throttle position sensor (+)	
6	L/G	Throttle position sensor (+)	

C25: To brake lamp switch



MG610267

Terminal No.	Color	Function	Remark
1	Y/L	Main brake switch (-)	
2	R/L	Main brake switch (+)	
3	Y	Auxiliary brake switch (-)	
4	R/W	Auxiliary brake switch (+)	

C29: To shock sensor



Terminal No.	Color	Function	Remark
1	B	Shock sensor (-)	
2	L/B	Shock sensor (+)	

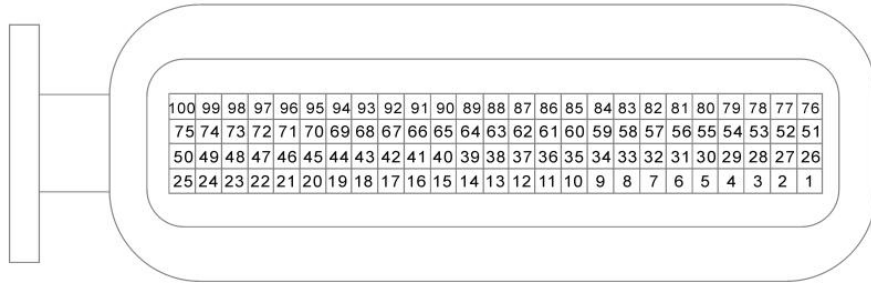
2	Gr/R	Fault diagnosis signal		13	-	-	
3	B/Y	Vehicle speed signal		14	-	-	
4	G	Water temperature signal		15	-	-	
5	Gr/O	MIL indicator lamp signal		16	-	-	
6	Y/Gr	SVS indicator lamp signal		17	-	-	
7	V/B	Backup lamp (+)		18	R/W	Wiper motor low-speed	
8	-	-		19		-	
9	-	-		20	-	-	
10	-	-		21	R	Wiper motor high-speed	
11	B	Brake oil level warning switch (+)		22	-	-	

C24: Harness plug (to engine harness)

4	8	12	17	22	27	32	37	42	
3	7	11	16	21	26	31	36	41	
2	6	10	15	20	25	30	35	40	
1	5	9	14	19	24	29	34	39	
			9	13	18	23	28	33	38

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Main relay control power (+)		22	G/W	A/C medium voltage switch signal	
2	R/W	Ignition switch power (+)		23	W/G	Fuel pump relay control wire	
3	Y/L	Brake lamp (+)		24	W	ABS signal wire	
4	R/W	Backup lamp switch (+)		25	Br/W	Condenser fan relay control wire	
5	Br			26	G	Radiator fan relay control wire	
6	B			27	-	-	
7	L/R	Battery power (+)		28	R	Oil pressure switch signal wire	
8	Y	Main relay control wire		29	-	-	
9	Br	A/C compressor relay control wire		30	-	-	
10	B/W	Ignition coil power (+)		31	-	-	
11	L/Y	Ignition switch power (+)		32	-	-	
12	-	-		33	-	-	
13	-	-		34	-	-	
14	G/W	Headlamp switch signal wire		35	-	-	
15	-	-		36	-	-	
16	-	-		37	-	-	
17	-	-		38	-	-	
18	-	-		39	-	-	
19	-	-		40	-	-	
20	L	A/C switch signal		41	-	-	
21	-	-		42	-	-	

C27: To ECU



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	Cylinder 4 ignition coil control		51	Br/W	Condenser fan relay control	
2	Br/W	Cylinder 3 ignition coil control		52	G	Radiator fan relay control	
3	L	Cylinder 2 ignition coil control		53	Y	Brake switch input	
4	B	ECU grounded		54	-	-	
5	B	Camshaft position sensor signal		55	-	-	
6	-	-		56	Y/L	Brake switch input	
7	V/W	Intake air temperature sensor signal		57	Gr/R	Fault diagnosis wire	
8	-	-		58	W	Wheel speed signal input	
9	-	-		59	-	-	
10	G/O	Rear oxygen sensor signal		60	L	A/C request signal	
11	Y/B	Intake air pressure sensor signal		61	Gr/W	Power steering switch signal	
12	V	5V grounded		62	-	-	
13	O/G	5V power		63	G/W	Headlamp switch signal	
14	Y	5V grounded		64	G/W	A/C medium voltage switch signal	
15	Br/G	5V grounded		65	Br/B	Throttle valve position signal	
16	L/W	5V power		66	Br/R	Throttle valve position signal	
17	L/R	Battery power (+)		67	-	-	
18	R/B	5V power		68	B/Y	Vehicle speed signal	
19	R/L	5V grounded		69	-	-	
20	W/V	5V grounded		70	-	-	
21	B/Y	5V power		71	B	Shock sensor low-level	
22	-	-		72	L/B	Shock sensor high-level	
23	-	-		73	-	-	
24	R	Throttle motor low-level signal		74	B	ECU grounded	
25	W/L	Main relay control power (+)		75	B	ECU grounded	
26	L	Cylinder 1 ignition coil control		76	-	-	
27	B	ECU grounded		77	Br	A/C compressor relay control	
28	B	ECU grounded		78	G/R	Cylinder 2 fuel injector control	

29	B	ECU grounded		79	W/L	Cylinder 3 fuel nozzle control	
30	R	Crankshaft position signal		80	G/W	Cylinder 1 fuel nozzle control	
31	-	-		81	Br/W	Cylinder 4 fuel nozzle control	
32	W/Y	Throttle position signal		82	Y/Gr	SVS indicator lamp signal	
33	-	-		83	-	-	
34	B/R	Throttle position signal		84	-	-	
35	-	-		85	-	-	
36	-	-		86	-	-	
37	-	-		87	-	-	
38	-	-		88	B/Y	Front oxygen sensor heating control	
39	G/Y	Water temperature signal		89	-	-	
40	W	Front oxygen sensor signal		90	B/W	Rear oxygen sensor heating control	
41	G/W	Blower switch signal		91	-	-	
42	V/B	5V grounded		92	Gr/O	MIL indicator lamp signal	
43	L/G	5V power		93	-	-	
44	W/V	5V grounded		94	B	Main relay control	
45	G/W	5V grounded		95	B/L	Canister solenoid valve control	
46	Y/W	5V power		96	W/G	Oil pump relay control	
47	L/Y	IG1 power (+)		97	G	Engine rotation speed signal	
48	-	-		98	-	-	
49	L/R	Throttle valve motor high-level		100	B/W	OCV valve control	
50	W/L	Main relay control power (+)		101	-	-	

Description of front left door harness plug

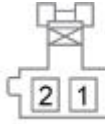
D1: To front left alt horn



AMP174463-1

Terminal No.	Color	Function	Remark
1	Br	Loudspeaker (-)	
2	W	Loudspeaker (+)	

D3: To front left door lamp



DJ7026Y-2.2-21

Terminal No.	Color	Function	Remark
1	B/O	Door lamp (+)	
2	G/R	Door lamp (-)	

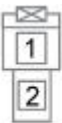
D4: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	B/O	Door lock switch signal	

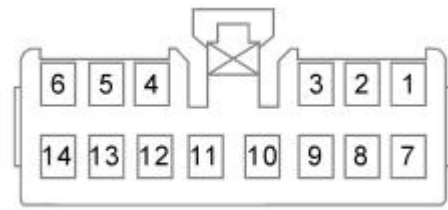
D7: To front let bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	Br	Loudspeaker (-)	
2	W	Loudspeaker (+)	

D2: To glass lift switch



KET MG651110

Terminal No.	Color	Function	Remark
1	R	Sub-switch power	
2	Gr	Front right door glass descending	
3	P	Small lamp (+)	
4	G	Front right door ascending	
5	Br	Front left door descending	
6	O	Front left door ascending	
7	Y	Rear right door glass descending	
8	W	Rear right door glass ascending	
9	L	Rear left door glass descending	
10	B	Small lamp (-)	
11	Y	Main switch power	
12	P	Rear left door glass ascending	
13	Y	Door lock- locking	
14	P	Door lock –unlocking	

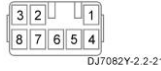
D5: To front left door glass lift motor



DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Front left door glass ascending	
2	Br	Front left door glass descending	

D6: To left exterior rear-view mirror



Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W/L	Rear-view mirror upward (+)		5	-	-	
2	Br/W	Rear-view mirror leftward (+)		6	R	Defroster (+)	
3	Y	Turning lamp (+)		7	B	Defroster (-)	
4	B	Turning lamp (-)		8	G/L	Rear-view mirror downward, rightward (+)	

D8: Harness plug (to vehicle frame harness)



No. of Terminal R	Color	Function	Remark	No. of Terminal L	Color	Function	Remark
1	R	Sub-switch power		1	W	Loudspeaker (+)	
2	P	Small lamp (+)		2	Br	Loudspeaker (-)	
3	G	Front right door glass ascending		3	Gr	Door locking (+)	
4	Gr	Front right door glass descending		4	B/O	Door lock switch signal	
5	P	Rear left door glass ascending		5	G	Door unlocking (+)	
6	L	Rear left door glass descending		6	Y	Turning lamp (+)	
7	Y	Rear right door glass descending		7	G/L	Rear-view mirror downward, rightward (+)	
8	W	Rear right door glass ascending		8	Br/W	Rear-view mirror leftward (+)	
9	B	Small lamp (-)		9	W/L	Rear-view mirror upward (+)	
10	Y	Main switch power		10	R	Defroster (+)	
11	-	-		11	B/O	Door lamp (+)	
12	-	-		12	G/R	Door lamp (+)	
13	-	-		13	-	-	
14	-	-		14	Y	Door lock- locking	
15	-	-		15	P	Door lock- unlocking	
16	-	-		16	-	-	
17	-	-		17	B	Grounded	
18	-	-		18	-	-	

Description of front right door harness plug

D9: To front right door lamp



DJ7026Y-2.2-21

Terminal No.	Color	Function	Remark
1	B/O	Door lamp (+)	
2	Gr/B	Door lamp (-)	

D11: To front right bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	O	Loudspeaker (-)	
2	G	Loudspeaker (+)	

D13: To front right alt horn



AMP174463-1

Terminal No.	Color	Function	Remark
1	O	Loudspeaker (-)	
2	G	Loudspeaker (+)	

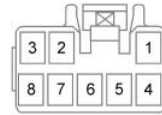
D16: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	G/O	Door lock switch signal	

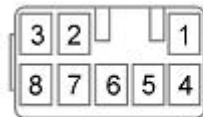
D10: To glass lift switch



KET MG651050

Terminal No.	Color	Function	Remark
1	Br	Front left door glass descending	
2	-	-	
3	O	Front left door glass ascending	
4	Gr	Main switch control descending	
5	P	Small lamp (+)	
6	R	Main switch power	
7	B	Small lamp (-)	
8	G	Main switch control ascending	

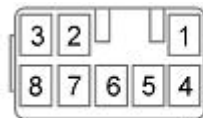
D14: To right exterior rear-view mirror



DJ7082Y-2.2-21

Terminal No.	Color	Function	Remark
1	W/G	Rear-view mirror upward (+)	
2	Br/Y	Rear-view mirror leftward (+)	
3	Y/R	Steering lamp (+)	
4	B	Steering lamp (-)	
5	-	-	
6	R	Defroster (+)	
7	B	Defroster (-)	
8	G/R	Rear-view mirror downward, rightward (+)	

D15: To front right door glass lift motor



DJ7082Y-2.2-21

Terminal No.	Color	Function	Remark
1	O	Front right door glass ascending	
2	Br	Front right door glass descending	

D12: Harness plug (to vehicle frame harness)



KET MG6218D7

No. of Terminal R	Color	Function	Remark	No. of Terminal L	Color	Function	Remark
1	O	Loudspeaker (-)		1	-	-	
2	G	Loudspeaker (+)		2	-	-	
3	Gr	Door locking (+)		3	-	-	
4	G/O	Door lock switch signal		4	-	-	
5	G	Door unlocking (+)		5	-	-	
6	Y/R	Steering lamp (+)		6	-	-	
7	G/R	Rear-view mirror downward, rightward (+)		7	-	-	
8	Br/Y	Rear-view mirror leftward (+)		8	-	-	
9	W/G	Rear-view mirror upward (+)		9	-	-	
10	R	Defroster (+)		10	-	-	
11	G	Main switch control ascending		11	-	-	
12	R	Main switch power		12	-	-	
13	Gr	Main switch control descending		13	-	-	
14	P	Small lamp (+)		14	-	-	
15	B/O	Door lamp (+)		15	-	-	
16	Gr/B	Door lamp (-)		16	-	-	
17	B	Small lamp (-)		17	-	-	
18	B	Grounded		18	-	-	

Description of rear left door harness plug

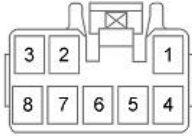
D17: To rear left bass horn



DJ7022-6.3-21

Terminal No.	Color	Function	Remark
1	Y	Loudspeaker (-)	
2	Y/B	Loudspeaker (+)	

D19: To glass lift switch



KET MG651050

Terminal No.	Color	Function	Remark
1	Br	Rear left door glass descending	
2	-	-	
3	O	Rear left door glass ascending	
4	L	Main switch control descending	
5	P	Small lamp (+)	
6	R	Switch power	
7	B	Small lamp (-)	
8	P	Main switch control ascending	

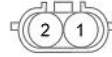
D18: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	-	-	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6	-	-	

D20: To rear left door glass lift motor



DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Rear left door glass ascending	
2	Br	Rear left door glass descending	
8			

D21: Harness plug (to vehicle frame harness)



AMP B3216-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	P	Small lamp (+)		7	P	Main switch control ascending	
2	G	Door unlocking (+)		8	P	Small lamp (+)	
3	-	-		9	Y	Loudspeaker (-)	
4	Gr	Door locking (+)		10	Y/B	Loudspeaker (+)	
5	L	Main switch control descending		11	-	-	
6	R	Glass lift switch power					

Description of rear right door harness plug

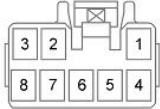
D22: To rear right bass horn



DJ7022-6 3-21

Terminal No.	Color	Function	Remark
1	L	Loudspeaker (-)	
2	L/O	Loudspeaker (+)	

D25: To glass lift switch



KFT MGR51050

Terminal No.	Color	Function	Remark
1	Br	Front left door glass descending	
2	-	-	
3	O	Front left door glass ascending	
4	Y	Main switch control descending	
5	P	Small lamp (+)	
6	R	Switch power	
7	B	Small lamp (-)	
8	W	Main switch control ascending	

D24: To rear left door glass lift motor



DJ7021Y-2-20

Terminal No.	Color	Function	Remark
1	O	Rear right door lass ascending	
2	Br	Rear right door lass descending	

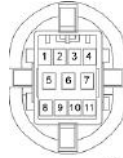
D26: To door lock actuator



6180-6771

Terminal No.	Color	Function	Remark
1	-	-	
2	G	Door unlocking (+)	
3	-	-	
4	-	-	
5	Gr	Door locking (+)	
6			

D23: Harness plug (to vehicle frame harness)



JAMP 92510-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	B	Small lamp (-)		7	P	Main switch control descending	
2	G	Door unlocking (+)		8	P	Small lamp (+)	
3	-	-		9	L	Loudspeaker (-)	
4	Gr	Door locking (+)		10	L/O	Loudspeaker (+)	
5	W	Main switch control ascending		11	-	-	
6	R	Glass lift switch power					

Description of engine harness plug

E1: To front left fog lamp



DJ70220Y-2.2-20

Terminal No.	Color	Function	Remark
1	O	Fog lamp (+)	
2	B	Fog lamp (-)	

E3: To radiator fan



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	P	Radiator fan (-)	
2	L	Radiator fan (+)	

E5: To ambient air temperature sensor



KET MG640605

Terminal No.	Color	Function	Remark
1	Lg	Sensor signal	
2	R/O	Sensor (-)	

E6: To bass horn



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	B	Horn (-)	
2	P	Horn (+)	

E8: To condenser fan



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	G	Condenser fan (+)	
2	B	Condenser fan (-)	

E2: To left combined headlamp



DJ70810Y-2.2-20

Terminal No.	Color	Function	Remark
1	Y	Headlamp (+)	
2	B	Headlamp grounded	
3	G	Headlamp (-)	
4	-	-	
5	B	Position lamp (-)	
6	G/L	Position lamp (+)	

E4: To alt horn



DJ70214Y-2.2-21

Terminal No.	Color	Function	Remark
1	B	Horn (-)	
2	P	Horn (+)	

E7: To A/C compressor



MG610278

Terminal No.	Color	Function	Remark
1	R	Compressor (+)	

E9: To washer motor



KET MG640605

Terminal No.	Color	Function	Remark
1	G/Y	Washer motor (+)	
2	W/R	Washer motor (-)	

E10: To front right fog lamp



DJ70220Y-2.2-20

Terminal No.	Color	Function	Remark
1	O	Fog lamp (+)	
2	B	Fog lamp (-)	

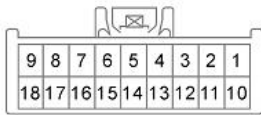
E12: To right regulator motor



AMP282191-1

Terminal No.	Color	Function	Remark
1	R/W	Regulator motor (-)	
2	Br	Headlamp regulator switch signal	
3	B	Grounded	

E18: Harness plug (to main harness)



AMP 936204-1

Terminal No.	Color	Function	Remark
1	W	-	
2	P/W	-	
3	R	-	
4	R/W	-	
5	Br	-	
6	Gr/B	-	
7	G	-	
8	Y	-	
9	L	-	
10	G/W	-	
11	W	-	
12	Lg	-	
13	R/O	-	
14	L	-	
15	G/L	-	
16	W	-	
17	W	-	
18	Br	-	

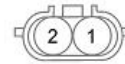
E11: To right combined headlamp



DJ70610Y-2.2-20

Terminal No.	Color	Function	Remark
1	Y	Low-beam lamp (+)	
2	B	Headlamp grounded	
3	G	High-beam lamp (+)	
4	-	-	
5	B	Position lamp (-)	
6	L/W	Position lamp (+)	

E13: To front right turning lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	B	Steering lamp (-)	
2	Y/P	Steering lamp (+)	

E14: To front right wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	O	Wheel speed sensor signal	
2	G	Wheel speed sensor (+)	

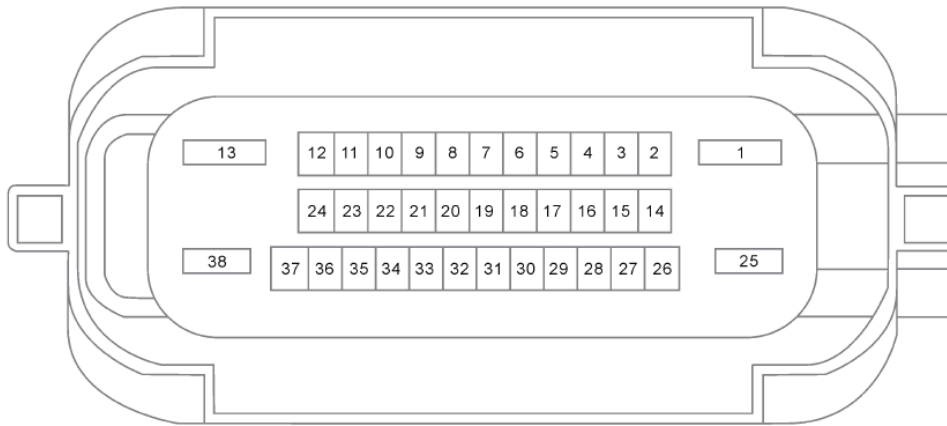
E16: To 3-element pressure switch



AMP 174257-2

Terminal No.	Color	Function	Remark
1	Y	A/C request signal	
2	Y/B	High/low-voltage switch (+)	
3	Y/B	Medium-voltage switch (+)	
4	G	Medium-voltage switch signal	

E15: To ABS control unit



BOSCH 1928405167

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	Motor power		20	L	Rear left wheel speed sensor signal	
2	-	-		21	-	-	
3	-	-		22	L	Front left wheel speed sensor signal	
4	G	ABS malfunction warning lamp		23	-	-	
5	-	-		24	-	-	
6	O	Front right wheel speed sensor signal		25	R	Valve relay power	
7	-	-		26	-	-	
8	-	-		27	Br/L	Wheel speed sensor output	
9	-	-		28	-	-	
10	-	-		29	-	-	
11	-	-		30	W	Brake lamp switch input	
12	-	-		31	W	Rear right wheel speed sensor signal	
13	B	Motor grounded		32	R	ABS control unit power	
14	-	-		33	Y	Rear left wheel speed sensor power	
15	-	-		34	R	Front left wheel speed sensor power	
16	Gr/B	EBD malfunction indicator lamp		35	-	-	
17	Br	Diagnosis K-wire		36	-	-	
18	G	Front right wheel speed sensor power		37	-	-	
19	Br	Rear right wheel speed sensor power		38	B	ABS control unit grounded	

E17: To battery B+



DJ433-6-15

Terminal No.	Color	Function	Remark
1	R	Battery power	

E21: To interior electrical box (I/P-C)



KET MG610658

Terminal No.	Color	Function	Remark
1	R/Y	Battery power	

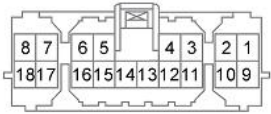
E19: Harness plug (to main harness)



KET MG610267

Terminal No.	Color	Function	Remark
1	R	-	
2	R	-	
3	-	-	
4	V/W	-	

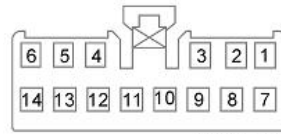
E22: To interior electrical box (I/P-D)



AMP 1-368186-1

Terminal No.	Color	Function	Remark
1	W/L	-	
2	-	-	
3	R	-	
4	Y/R	-	
5	R/B	-	
6	-	-	
7	-	-	
8	-	-	
9	R	-	
10	Y	-	
11	-	-	
12	-	-	
13	v		
14	-	-	
15	L/W	-	
16	G/L	-	
17	-	-	
18	-	-	

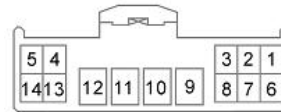
E20: Harness plug (to main harness)



KET MG651110

Terminal No.	Color	Function	Remark
1	O/W	-	
2	R/W	-	
3	R	-	
4	W/R	-	
5	G	-	
6	R/B	-	
7	LY	-	
8	Y/B	-	
9	L/B	-	
10	R/B	-	
11	B	-	
12	W/R	-	
13	W	-	
14	Br	-	

E23: To interior electrical box (I/P-F)



AMP 368451-1

Terminal No.	Color	Function	Remark
1	R	-	
2	-	-	
3	O	-	
4	G/Y	-	
5	-	-	
6	-	-	
7	-	-	
8	O	-	
9	-	-	
10	-	-	
11	-	-	
12	R	-	
13	R/B	-	
14	R	-	

E24: Harness plug (to engine control harness)

42	37	32	27	22	17	12	8	4
41	36	31	26	21	16	11	7	3
40	35	30	25	20	15	10	6	2
39	34	29	24	19	14	9	5	1
38	33	28	23	18	13			

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	-		22	G	-	
2	W/L	-		23	B/W	-	
3	W	-		24	B/L	-	
4	R	-		25	Y/O	-	
5	Y/G	-		26	Gr	-	
6	G	-		27	-	-	
7	R	-		28	-	-	
8	B	-		29	-	-	
9	L	-		30	-	-	
10	W	-		31	-	-	
11	R	-		32	-	-	
12	-	-		33	-	-	
13	-	-		34	-	-	
14	L	-		35	-	-	
15	-	-		36	-	-	
16	-	-		37	-	-	
17	-	-		38	-	-	
18	-	-		39	-	-	
19	-	-		40	-	-	
20	Y	-		41	-	-	
21	-	-		42	-	-	

E25: To front left wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	L	Wheel speed sensor signal	
2	R	Wheel speed sensor (+)	

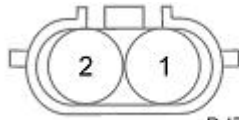
E27: Harness plug (to power harness)



PB625-04027

Terminal No.	Color	Function	Remark
1	O/W	-	
2	W/R	-	
3	P	-	
4	-	-	

E28: To front left turning lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Y	Turning lamp (+)	
2	B	Turning lamp (-)	

G4: Left vehicle body grounding wire



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

G6: ABS grounding wire



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

E29: To left regulator motor



AMP282191-1

Terminal No.	Color	Function	Remark
1	R/B	Regulator motor (+)	
2	R/W	Headlamp regulator switch signal	
3	B	Grounded	

G5: Left vehicle body grounding wire

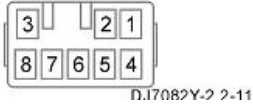


KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

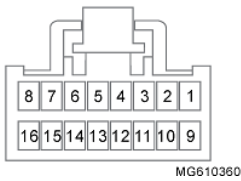
Description of vehicle frame harness plug

F1: To rear fog lamp



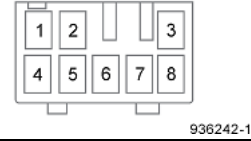
Terminal No.	Color	Function	Remark
1	B	Grounding wire	
2	Y/L	Turning lamp (+)	
3	W	Brake lamp (+)	
4	-	-	
5	-	-	
6	-	-	
7	L.W	Position lamp (+)	
8	-	-	

F3: To backup radar controller



Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	G/B	Left probe signal	
3	-	-	
4	-	-	
5	-	-	
6	-	-	
7	-	-	
8	R/W	IG2 power	
9	B	Grounded	
10	L/R	Right probe signal	
11	G	Buzzer control	
12	-	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	

F2: To middle probe



Terminal No.	Color	Function	Remark
1	G/R	Middle probe signal	
2	B	Left probe (-)	
3	G/B	Left probe signal	
4	B	Right probe (-)	
5	L/R	Right probe signal	
6	B	Rear fog lamp (-)	
7	L/B	Rear fog lamp (+)	
8	B	Middle probe (-)	

F4: Harness plug (to vehicle frame harness)



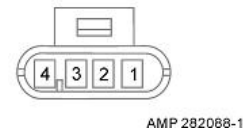
Terminal No.	Color	Function	Remark
1	O/B	Wheel speed sensor signal	
2	G/L	Wheel speed sensor (+)	

F5: To door switch



Terminal No.	Color	Function	Remark
1	-	-	
2	G/W	Instrument indicator control	
3	B	Grounded	

F6: To fuel pump



Terminal No.	Color	Function	Remark
1	B	Fuel pump motor (-)	
2	R/B	Fuel pump motor (+)	
3	B	Fuel sensor grounded	
4	V	Fuel sensor signal	

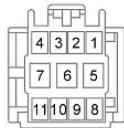
F7: To door switch



KET MG611530

Terminal No.	Color	Function	Remark
1	G/R	Front left door lamp control	
2	G/W	Instrument indicator control	
3	B	Grounded	

F8: Harness plug (to rear left door harness)



AMP 85216-1

Terminal No.	Color	Function	Remark
1	B	Small lamp (-)	
2	G	Small lamp (-)	
3	-	-	
4	Gr	Door locking (+)	
5	L	Main switch control descending	
6	R	Glass lift switch power	
7	P	Main switch control ascending	
8	P	Small lamp (+)	
9	Y	Loudspeaker (-)	
10	Y/B	Loudspeaker (+)	
11	-	-	

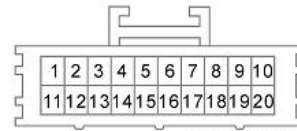
F9: To electric seat



MG610267

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	-	-	
3	R	Power	
4	-	-	

F10: To short-circuiter



KET MG651827-7

Terminal No.	Color	Function	Remark
1	Gr	-	
2	Gr	-	
3	Gr	-	
4	Gr	-	
5	Gr	-	
6	G	-	
7	G	-	
8	G	-	
9	G	-	
10	-	-	
11	W/G	-	
12	W/G	-	
13	W/G	-	
14	R	-	
15	R	-	
16	R	-	
17	R	-	
18	-	-	
19	-	-	
20	-	-	

F18: To hand brake switch



KET MG610041

Terminal No.	Color	Function	Remark
1	L/O	Switch power	

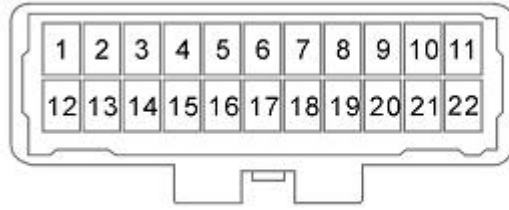
F19: To safety belt switch



KET MG651032

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	-	-	
3	G/Y	Instrument indicator control	

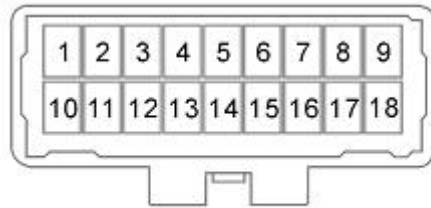
F11: Harness plug (to main harness)



AMP 936154-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		12	L	-	
2	L/O	-		13	Y	-	
3	Y/B	-		14	O	-	
4	G	-		15	Br	-	
5	W	-		16	L/O	-	
6	R/Y	-		17	G/Y	-	
7	R	-		18	W	-	
8	Br	-		19	R/B	-	
9	W	-		20	V	-	
10	G/L	-		21	B	-	
11	O/B	-		22	G	-	

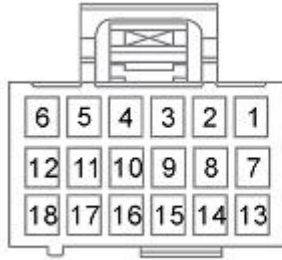
F12: Harness plug (to main harness)



AMP 936213-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	-		10	G/W	-	
2	B	-		11	W/Y	-	
3	-	-		12	G/R	-	
4	-	-		13	Gr/B	-	
5	-	-		14	B/O	-	
6	G/Y	-		15	P	-	
7	B/O	-		16	Y	-	
8	G	-		17	-	-	
9	Gr	-		18	-	-	

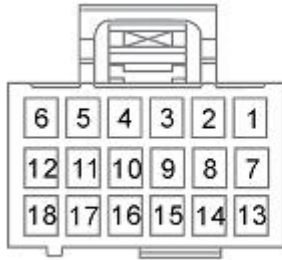
F13: Harness plug (to front left door harness)



KET MG611810-41

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R	Sub-switch power		10	Y	Main switch power	
2	P	Small lamp (+)		11	-	-	
3	G	Front right door glass ascending		12	-	-	
4	Gr	Front right door glass descending		13	-	-	
5	P	Rear left door glass ascending		14	-	-	
6	L	Rear left door glass descending		15	-	-	
7	B/O	Rear right door glass ascending		16	-	-	
8	G	Rear right door glass descending		17	-	-	
9	B	Small lamp (-)		18	-	-	

F14: Harness plug (to front left door harness)



KET Mg611809

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	W	Loudspeaker (+)		10	R	Defroster (+)	
2	Br	Loudspeaker (-)		11	B/O	Door lamp (+)	
3	Gr	Door locking (+)		12	G/R	Door lamp (-)	
4	B/O	Door lock switch signal		13	-	-	
5	G	Door unlocking (+)		14	Y	Door lock- locking	
6	Y	Turning lamp (+)		15	P	Door lock- unlocking	
7	G/L	Rear-view mirror downward, rightward (+)		16	-	-	
8	Br/W	Rear-view mirror leftward (+)		17	B	Grounded	
9	W/L	Rear-view mirror upward (+)		18	-	-	

G7: Rear left grounding wire of vehicle body



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

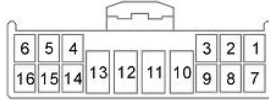
G8: Front grounding wire of vehicle body



KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

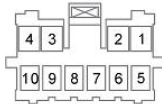
F15: To interior electrical box (I/P-A)



AMP368454-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	L/W	-		9	-	-	
2	B/O	-		10	R	-	
3	-	-		11	-	-	
4	R	-		12	-	-	
5	R	-		13	Y	-	
6	-	-		14	-	-	
7	W/G	-		15	Br/R	-	
8	-	-		16	L/B	-	

F16: To interior electrical box (I/P-B)



AMP 1-368178-1

Terminal No.	Color	Function	Remark
1	-	-	
2	Y/L		
	Y		
3	-	-	
4	Y/R		
5	-	-	
6	-	-	
7	-	-	
8	-	-	
9	-	-	
10	-	-	

F17: Front grounding wire of vehicle body



KET MG641071

Terminal No.	Color	Function	Remark
1	Br/R	-	
2	-	-	
3	-	-	
4	W/G	-	
5	Br/Y	-	
6	G/R	-	
7	W/L	-	
8	Br/W	-	
9	G/L	-	
10	P	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	

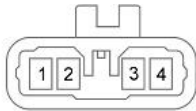
F21: To high-position brake lamp



174463-1

Terminal No.	Color	Function	Remark
1	W	Brake lamp (+)	
2	B	Brake lamp (-)	

F20: Harness plug (to tail door harness)



KET MG641041

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W/G	License plate lamp (+)	
3	R/W	Backup lamp (+)	
4	-	-	

F24: To rear right combined lamp



DJ7082Y-2.2-11

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	Y/R	Turning lamp (+)	
3	W	Brake lamp (+)	
4	-	-	
5	-	-	
6	-	-	
7	W/G	Position lamp (+)	
8	-	-	

F28: To door switch



KET MG611530

Terminal No.	Color	Function	Remark
1	Gr/B	Front right door lamp control	
2	G/W	Instrument indicator control	
3	B	Grounded	

F29: To rear right wheel speed sensor



AMP 1-967644-1

Terminal No.	Color	Function	Remark
1	W	Wheel speed sensor signal	
2	Br	Wheel speed sensor (+)	

F22: To luggage compartment lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	B/O	Luggage compartment (+)	

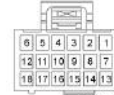
F23: To luggage compartment lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	W/Y	Luggage compartment lamp (+)	

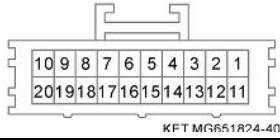
F25: Harness plug (to front right door harness)



KET MG611610-41

Terminal No.	Color	Function	Remark
1	G	Loudspeaker (+)	
2	O	Loudspeaker (-)	
3	Gr	Door locking (+)	
4	G/Y	Door lock switch signal	
5	G	Door unlocking (+)	
6	Y/R	Turning lamp (+)	
7	G/R	Rear-view mirror downward, rightward (+)	
8	Br/Y	Rear-view mirror leftward (+)	
9	W/G	Rear-view mirror upward (+)	
10	R	Defroster (+)	
11	G	Main switch control ascending	
12	R	Main switch power	
13	Gr	Main switch control descending	
14	P	Small lamp (+)	
15	B/O	Door lamp (+)	
16	Gr/B	Door lamp (-)	
17	B	Small lamp (-)	
18	B	Grounded	

F26: To short circuiter



KET MG651R24-40

Terminal No.	Color	Function	Remark
1	P	-	
2	P	-	
3	P	-	
4	P	-	
5	P	-	
6	-	-	
7	W	-	
8	W	-	
9	W	-	
10	W	-	
11	B/O	-	
12	B/O	-	
13	B/O	-	
14	B/O	-	
15	B/O	-	
16	G/W	-	
17	G/W	-	
18	G/W	-	
19	G/W	-	
20	G/W	-	

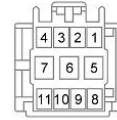
F32: To door switch



KET MG611530

Terminal No.	Color	Function	Remark
1	-		
2	G/W	Instrument indicator control	
3	B	Grounded	

F27: Harness plug (to rear right door harness)



AMP B521R-1

Terminal No.	Color	Function	Remark
1	B	Small lamp (-)	
2	G	Door unlocking (+)	
3	-	-	
4	Gr	Door locking (+)	
5	W	Main switch control ascending	
6	R	Glass lift switch power	
7	Y	Main switch control descending	
8	P	Small lamp (+)	
9	L	Loudspeaker (-)	
10	L/O	Loudspeaker (+)	
11	-	-	

F30: To rear defroster power



174196-1

Terminal No.	Color	Function	Remark
1	R	Rear defroster (+)	

F31: To antenna amplifier



MG641199

Terminal No.	Color	Function	Remark
1	R/Y	Antenna amplifier (+)	

G9: Rear right grounding wire of vehicle body



KET ST710505-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

Description of main harness plug

M1: To assistant's seat safety belt



Terminal No.	Color	Function	Remark
1	L/B	Pre-tightening motor (-)	
2	W	Pre-tightening motor (+)	

M3: To Anti-theft



174195-1

Terminal No.	Color	Function	Remark
1	W	Main relay control power	

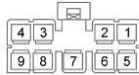
M4: To Anti-theft



HCAR090S3R-04

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	R	Power	
3	R/W	Fuel pump relay power	
4	W	Main relay control power	

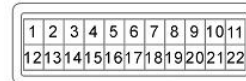
M5: To door lock relay



DJ7091-3-21

Terminal No.	Color	Function	Remark
1	B	Door unlocking relay grounded	
2	R	Door unlocking relay (+)	
3	Gr	Door locking motor (+)	
4	B	Door locking relay grounded	
5	G	Door unlocking motor (+)	
6	P/W	Electric window switch unlocking	
7	R	Door locking relay (+)	
8	Y/W	Electric window switch locking	
9	R	Door lock relay (+)	

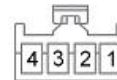
M2: Harness plug (to engine control wire)



AMP 936154-1

Terminal No.	Color	Function	Remark
1	G/Y	-	
2	G/B	-	
3	L/G	-	
4	G	-	
5	L	-	
6	W/G	-	
7	R/W	-	
8	-	-	
9	-	-	
10	-	-	
11	G/W	-	
12	P	-	
13	-	-	
14	-	-	
15	-	-	
16	-	-	
17	-	-	
18	G/R	-	
19	-	-	
20	-	-	
21	L	-	
22	-	-	

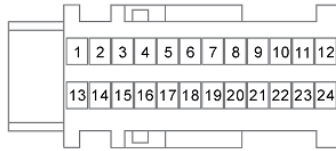
M8: To steering wheel switch



DJ7044Y-1.5-21

Terminal No.	Color	Function	Remark
1	B	Horn switch	
2	-	-	
3	-	-	
4	-	-	

M6: To SRS controller



AMP 284223-3

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	Diagnosis wire		13	-	-	
2	-	-		14	-	-	
3	-	-		15	Y	Driver's seat airbag, low	
4	-	-		16	L	Driver's seat airbag, high	
5	L/O	Impact signal output		17	W/B	Assistant's seat airbag, low	
6	-	-		18	G/B	Assistant's seat airbag, high	
7	-	-		19	L/W	Driver's seat safety belt, low	
8	-	-		20	O	Driver's seat safety belt, high	
9	-	-		21	W	Assistant's seat safety belt, high	
10	-	-		22	L/B	Assistant's seat safety belt, low	
11	-	-		23	B	Grounded	
12	P	Power		24	W	SRS warning lamp	

M9: To anti-theft relay



161937501 B

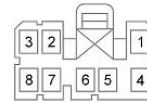
Terminal No.	Color	Function	Remark
1	-	-	
2	V	Power	
3	L/W	Relay power output	
4	P	Relay control	
5	V	Power	

M11: To driver's seat safety belt



Terminal No.	Color	Function	Remark
1	L/W	Pre-tightening motor (-)	
2	O	Pre-tightening motor (+)	

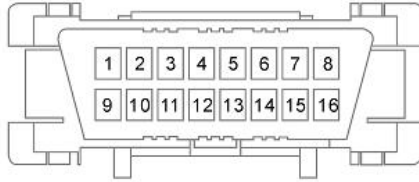
M16: To rear-view mirror switch



AMP 173850-1

Terminal No.	Color	Function	Remark
1	G/L	Left rear-view mirror downward, rightward	
	G/R	Right rear-view mirror downward, rightward	
2	-	-	
3	Br/W	Left rear-view mirror leftward	
4	W/G	Right rear-view mirror upward	
5	W/L	Left rear-view mirror upward	
6	B	Grounded	
7	Br/R	Power	
8	Br/Y	Right rear-view mirror leftward	

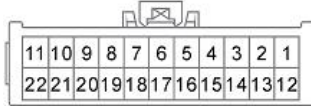
M10: To diagnosis interface



179631-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		9	-	-	
2	-	-		10	-	-	
3	-	-		11	W/Y	ETACS data wire	
4	B	Grounded		12	G	SRS data wire	
5	B	Signal wire grounded		13	-	-	
6	-	-		14	L/G	VSS signal wire	
7	G/B	Diagnosis wire		15	-	-	
8	Br	ABS data wire		16	R	Power supply	

M12: Harness plug (to vehicle frame harness)



AMP 936151-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		12	L	-	
2	L/O	-		13	Y	-	
3	Y/B	-		14	O	-	
4	G	-		15	Br	-	
5	W	-		16	L/O	-	
6	R/Y	-		17	G/Y	-	
7	R	-		18	W	-	
8	Br	-		19	R/B	-	
9	W	-		20	V	-	
10	Y	-		21	B	-	
11	L	-		22	G	-	

M23: To backup radar buzzer



AMP 174056-2

Terminal No.	Color	Function	Remark
1	G	Buzzer (+)	
2	B	Grounded	

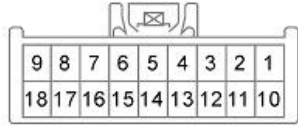
G10: SRS grounding wire



DJ431-6A

Terminal No.	Color	Function	Remark
1	B	Grounding point	

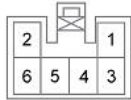
M13: Harness plug (to vehicle frame harness)



AMP 936204-1

Terminal No.	Color	Function	Remark
1	R	-	
2	B	-	
3	-	-	
4	-	-	
5	-	-	
6	G/Br	-	
7	B/O	-	
8	G	-	
9	Gr	-	
10	G/W	-	
11	W/Y	-	
12	G/R	-	
13	Gr/B	-	
14	B/O	-	
15	P/W	-	
16	Y	-	
17	-	-	
18	-	-	

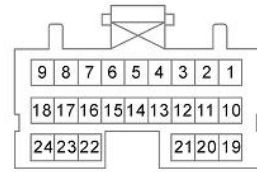
M18: To dimmer switch



MG651044

Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
3	B	-	
4	W/G	-	
	Gr	-	
5	Gr	-	
6	B	-	
	P	-	

M7: To ETACS



AMP 316371-1

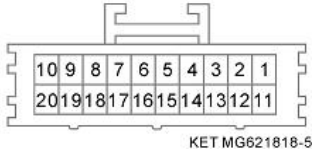
Terminal No.	Color	Function	Remark
1	G	Door control signal	
2	P	Anti-theft relay	
3	L	Front wiper relay	
4	V	Rear defroster relay	
5	-	-	
6	R	Rear fog lamp relay	
7	-	-	
8	W	Door locking relay	
9	-	-	
10	G	Memory power	
11	P/W	Door unlocking relay	
12	W/Y	Tail door switch	
13	G	Small lamp relay	
14	L/B	Anti-theft alarm	
15	Gr	Electric door window relay	
16	-	-	
17	Gr/B	Front right door switch	
18	G	Hazard warning relay	
19	B	Grounded	
20	W	Key hole lighting	
21	-	-	
22	-	-	
23	-	-	
24	L/G	VSS signal	

M25: To assistant's seat safety airbag



Terminal No.	Color	Function	Remark
1	W/B	Assistant's seat airbag (+)	
2	G/B	Assistant's seat airbag (-)	

M20: To short circuiter



KET MG621818-5

Terminal No.	Color	Function	Remark
1	P	-	
2	P	-	
3	P	-	
4	P	-	
5	P	-	
6	P	-	
7	P	-	
8	-	-	
9	-	-	
10	-	-	
11	Gr	-	
12	Gr	-	
13	Gr	-	
14	Gr	-	
15	Gr	-	
16	Gr	-	
17	-	-	
18	-	-	
19	-	-	
20	-	-	

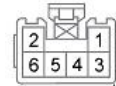
M26: To Anti-theft



HCAR090S3R-08

Terminal No.	Color	Function	Remark
1	L/G	-	
2	L/B	-	
3	Y/L		
4	Y/R		
5	-	-	
6	-	-	
7	Gr	-	
8	-	-	

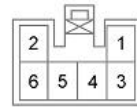
M22: To key switch



KET MG651044

Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
3	R/O	-	
4	W	-	
5	R/O	-	
6	G	-	

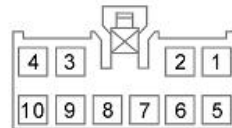
M17: To headlamp regulator switch



MG651044-2

Terminal No.	Color	Function	Remark
1	B	-	
2	W/G	-	
3	W/G	-	
4	Br	-	
5	R/W	-	
6	B	-	

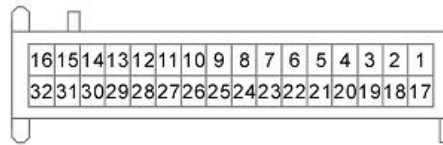
M24: To warning lamp switch



KET MG651056

Terminal No.	Color	Function	Remark
1	-	-	
2	P		
3	Gr		
4	-	-	
5	R	-	
6	Br/W	-	
7	R/W	-	
8	G	-	
9	Y/R	-	
10	Y/L	-	

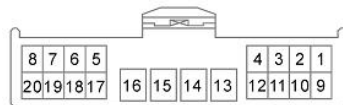
M21: To combined instrument



AMP 1719057-2

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	Y/L	Left turning indicator lamp		17	Y/R	Right turning indicator lamp	
2	G/W	Brake malfunction warning lamp		18	R/O	Battery power	
3	W/Y	Luggage compartment-open indicator lamp		19	V	IG1 power	
4	G	ABS malfunction indicator lamp		20	Gr/B	EBD malfunction indicator lamp	
5	G	High-beam indicator lamp		21	Gr	Lighting lamp (-)	
6	W	SRS indicator lamp		22	P	Lighting lamp (+)	
7	O	Front fog lamp indicator lamp		23	B	Instrument lighting grounded	
8	L	EPC malfunction indicator lamp		24	G	ECT signal	
9	G	Rear fog lamp indicator lamp		25	V	Fuel consumption signal	
10	W/G	EOBD indicator lamp		26	-	-	
11	-	-		27	G/Y	Safety belt-unfastened warning lamp	
12	B	Grounded		28	W	Main relay power	
13	-	-		29	O/W	Charging indicator lamp	
14	-	-		30	L/Y	Oil pressure warning lamp	
15	L/G	VSS signal		31	-	-	
16	G/Y	RPM signal		32	G/W	Door-open warning lamp	

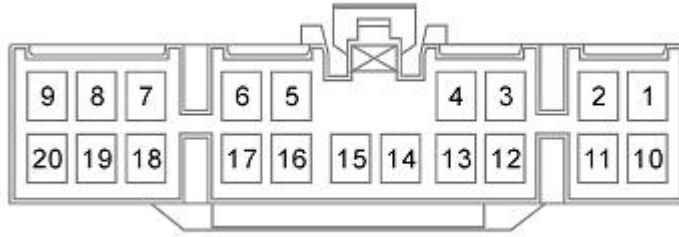
M14: To interior electrical box (I/P-H)



AMP 368457-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/W	-		11	-	-	
2	-	-		12	G/O	-	
3	-	-		13	R/Y	-	
4	-	-		14	L/W	-	
5	-	-		15	O	-	
6	Y/R	-		16	-	-	
7	-	-		17	-	-	
8	-	-		18	Y/R	-	
9	R	-		19	-	-	
10	L	-		20	R	-	

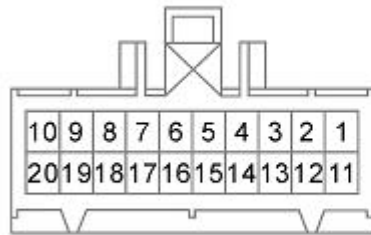
M29: Harness plug (to A/C harness)



KET MG651080

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		11	Y/R	-	
2	W/B	-		12	R/O	-	
3	O/B	-		13	V	-	
4	G/O	-		14	GrB	-	
5	Y	-		15	Gr	-	
6	R/O	-		16	P	-	
7	-	-		17	B	-	
8	-	-		18	G	-	
9	-	-		19	V	-	
10	Br/W	-		20	-	-	

M32: To A/C control panel



AMP 172850-2

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	Gr	Small lamp (-)		11	Y/B	3-element pressure switch signal	
2	P	Small lamp (+)		12	-	-	
3	L	Battery power		13	W	Sunlight sensor (+)	
4	G/Y	FET (G)		14	G	Sunlight sensor (-)	
5	G	FET (D)		15	L/B	Inside and outside cycled throttle motor signal	
6	R	Inside and outside cycled throttle motor (+)		16	W	Inside and outside cycled throttle motor (-)	
7	Br/W	Throttle motor (+)		17	Br/O	Throttle motor (-)	
8	W/Y	Rear defroster switch		18	R	Rear defroster switch	
9	R/B	IG2 power		19	R/O	IG2 power	
10	B	Grounded		20	B	Grounded	

M19: To automatic lamplight sensor



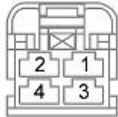
Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W	Sensor (+)	
3	L/B	Automatic lamplight switch	
4	W/R	Low-beam relay control	
5	G	Small lamp-on signal	

M27: To glove box lamp



Terminal No.	Color	Function	Remark
1	P	Glove box lamp (+)	

M30: Harness plug (to A/C harness)



Terminal No.	Color	Function	Remark
1	V/W	-	
2	B	-	
3	G/Y	-	
4	G	-	

M31: To Anti-theft



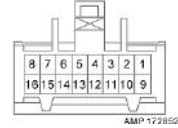
Terminal No.	Color	Function	Remark
1	R/W	Fuel pump relay power	

M34: To on-board power



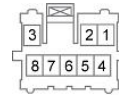
Terminal No.	Color	Function	Remark
1	B	Grounded	
2	R	Power (+)	

M33: To A/C control panel



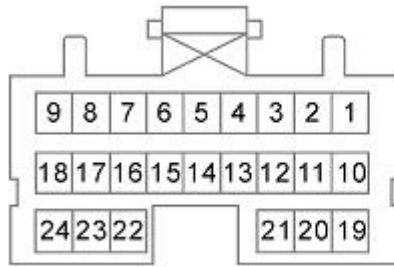
Terminal No.	Color	Function	Remark
1	Br/W	Interior air temperature sensor (+)	
2	P	Blower switch signal	
3	Lg	5V power	
4	W	Evaporator temperature sensor power	
5	L	Humidity/temperature sensor power	
6	G	Rear fog lamp switch	
7	-	-	
8	G/O	5V power	
9	Br/L	Interior air temperature sensor (-)	
10	Br/Y	5V power	
11	-	-	
12	O/B	Mode throttle motor (-)	
13	W/B	Mode throttle motor (+)	
14	G	Rear fog lamp indicator lamp	
15	Y	Mode throttle motor signal	
16	R/O	Grounded	

M39: To interior electrical box (I/P-L)



Terminal No.	Color	Function	Remark
1	-	-	
2	G	-	
3	-	-	
4	-	-	
5	GW	-	
6	-	-	
7	-	-	
8	-	-	

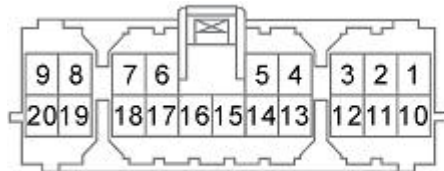
M36: To ETACS



AMP 316372-6

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G/R	Front left door switch		13	Y	Small lamp switch	
2	G	Rear fog lamp switch		14	B/O	Driver's door lock switch	
3	-	-		15	-	-	
4	W/R	Front water sprayer switch		16	-	-	
5	G/Br	Assistant's door lock switch		17	W/Y	Code saving	
6	L/O	Hand brake switch		18	Gr	IG1 power	
7	W/Y	Rear defroster switch		19	Br/W	Front wiper switch – intermittent position	
8	G/O	Front fog lamp switch		20	-	-	
9	G	IG2 power		21	L/O	Impact unlocking	
10	G/W	Door switch		22	O	Front wiper intermittent adjusting	
11	G	Key switch		23	-	-	
12	W/R	Headlamp switch		24	-	-	

M38: To interior electrical box (I/P-J)



AMP 1-368188-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	-	-		11	-	-	
2	R/O	-		12	G	-	
3	G	-		13	V	-	
4	R	-		14	R/O	-	
5	-	-		15	Gr	-	
6	-	-		16	R	-	
7	Y/R	-		17	-	-	
8	Y/L	-		18	-	-	
9	Y/L	-		19	Y/L	-	
10	-	-		20	Y/L	-	

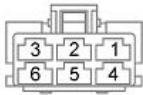
M35: To cigar lighter



AMP 172864-2

Terminal No.	Color	Function	Remark
1	B	Cigar lighter (-)	
2	R	Cigar lighter (+)	

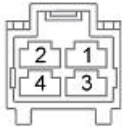
M37: To ignition switch



KET PH776-06015

Terminal No.	Color	Function	Remark
1	V	START output	
2	R	Battery power	
3	R/Y	IG2 output	
4	O	ACC output	
5	R	Battery power	
6	W	IG1 output	

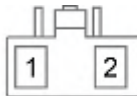
M43: Harness plug (engine harness)



KET MG620266

Terminal No.	Color	Function	Remark
1	R	-	
2	R	-	
3	-	-	
4	V/W	-	

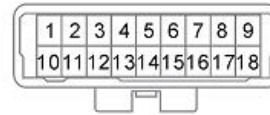
M46: To clock spring



YAZAKI 7283-1822-70

Terminal No.	Color	Function	Remark
1	Y	Driver's seat airbag (-)	
2	L	Driver's seat airbag (+)	

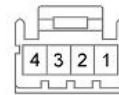
M42: Harness plug (to engine harness)



AMP 936213-1

Terminal No.	Color	Function	Remark
1	W	-	
2	P/W	-	
3	R	-	
4	W	-	
5	Br	-	
6	Gr/B	-	
7	G	-	
8	Y	-	
9	L	-	
10	W/G	-	
11	W	-	
12	Lg	-	
13	R/O	-	
14	L	-	
15	G/L	-	
16	W	-	
17	R/W	-	
18	Br	-	

M48: To interior temperature sensor



AMP 174922-1

Terminal No.	Color	Function	Remark
1	R/O	Grounded	
2	Br/Y	5V power	
3	Br/L	Motor (-)	
4	Br/W	Motor (+)	

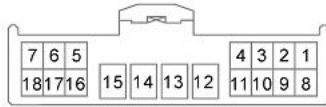
G11: Left grounding wire of main harness



KET ST710591-1

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

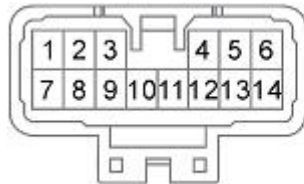
M41: To interior electrical box (I/P-K)



AMP 1-368497-1

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	G	-		10	G		
2	-	-		11	R	-	
3	R	-		12	O	-	
4	P/W	-		13	W	-	
5	G/O	-		14	P	-	
6	-	-		15	-	-	
7	-	-		16	W	-	
8	V	-		17	P	-	
9	Gr	-		18	B	-	

M44: Harness plug (engine harness)



KET MG641113

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	O/W	-		8	Y/B		
2	R/W	-		9	L/B	-	
3	R	-		10	R/B	-	
4	W/R	-		11	B	-	
5	G	-		12	W/R	-	
6	R/B	-		13	W	-	
7	L/Y	-		14	Br	-	

M52: To glove box switch (-)



DJ7013-4.8-21

Terminal No.	Color	Function	Remark
1	B/O	Switch power	

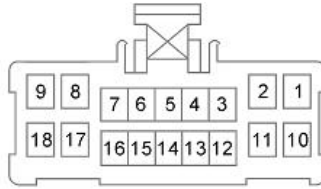
M50: To sunlight sensor



KUM PH845 02010

Terminal No.	Color	Function	Remark
1	G	Sensor (-)	
2	W	Sensor (+)	

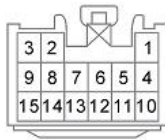
M45: To combined switch- lamplight



KET MG651380

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	B	Overtake switch (-)		10	-	-	
2	R/W	High beam		11	G/Y	Dimmer switch	
3	-	-		12	G/O	Fog lamp switch (+)	
4	-	-		13	W	Fog lamp switch (-)	
5	-	-		14	W	Small lamp	
6	-	-		15	G/Y	Headlamp	
7	Y/R	Right turning		16	L/B	Automatic lamplight	
8	Br/W	Turning switch (-)		17	B	Grounded	
9	Y/L	Left turning		18	-	-	

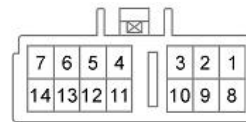
M40: Harness plug (to vehicle frame harness)



KET MG651068

Terminal No.	Color	Function	Remark
1	Br/R	-	
2	-	-	
3	-	-	
4	W/G	-	
5	Br/Y	-	
6	G/R	-	
7	W/L	-	
8	Br/W	-	
9	G/L	-	
10	P	-	
11	-	-	
12	-	-	
13	-	-	
14	-	-	
15	-	-	

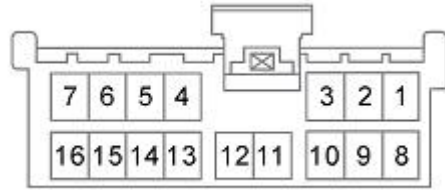
M47: To combined switch –wiper



KET MG651127

Terminal No.	Color	Function	Remark
1	L	Front wiper- high speed position	
2	G/R	Front wiper- low speed position	
3	G/L	Front wiper- reset position	
4	P	Defroster switch	
5	B	Combined switch grounded	
6	Br/W	Front wiper – intermittent position	
7	W/R	Washer switch	
8	-	-	
9	-	-	
10	-	-	
11	-	-	
12	-	-	
13	O	Intermittent time control	
14	B	Grounded	

M49: To radio-player



KUM PK145-16017

Terminal No.	Color	Function	Remark	Terminal No.	Color	Function	Remark
1	R/Y	Antenna signal		9	Y/B	Rear left loudspeaker (+)	
2	Y	Rear left loudspeaker (-)		10	W	Front left loudspeaker (+)	
3	Br	Front left loudspeaker (-)		11	-	-	
4	O	Front right loudspeaker (-)		12	-	-	
5	L	Rear right loudspeaker (-)		13	G	Front right loudspeaker (+)	
6	Gr	Small lamp (-)		14	L/O	Rear right loudspeaker (+)	
7	R	ACC power		15	P	Small lamp (+)	
8	B	Grounded		16	R	Battery power	

M51: To glove box lamp



DJ7015Y-6.3-21

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

G12: Right grounding wire of main harness

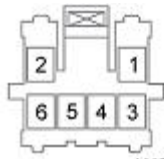


KET ST710805-3

Terminal No.	Color	Function	Remark
1	B	Grounding wire	

Description of roof harness plug

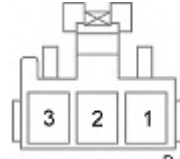
R1: To interior electrical box (I/P-G)



AMP 1-368174-1

Terminal No.	Color	Function	Remark
1	-	-	
2	-	-	
	-	-	
3	-	-	
4	W	Door control signal	
5	-	-	
6	Br/W	Roof lamp power	

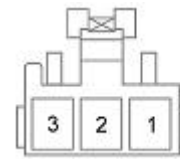
R2: To front roof lamp



DJ7032Y-2-21

Terminal No.	Color	Function	Remark
1	Br/W	Roof lamp (+)	
2	B	Roof lamp (-)	
3	W	Door control signal	

R3: To rear roof lamp

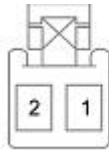


DJ7032Y-2-21

Terminal No.	Color	Function	Remark
1	Br/W	Power	
2	B	Grounded	
3	W	Door control signal	

Description of tail door harness plug

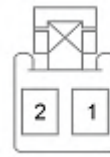
T1: To right license plate lamp



KET MG651586

Terminal No.	Color	Function	Remark
1	W/G	License plate lamp (+)	
2	B	License plate lamp (-)	

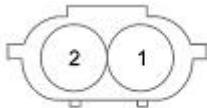
T2: To left license plate lamp



KET MG651586

Terminal No.	Color	Function	Remark
1	W/G	License plate lamp (+)	
2	B	License plate lamp (-)	

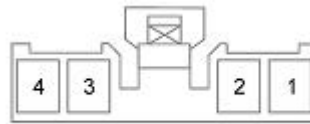
T3: To left backup lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Br	Backup lamp (+)	
2	B	Backup lamp (-)	

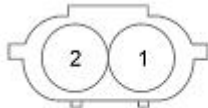
T4: Harness plug (to vehicle frame harness)



KET MG651038

Terminal No.	Color	Function	Remark
1	B	Grounded	
2	W/G	License plate lamp (+)	
3	B	License plate lamp (-)	
4	-	-	

T5: To right backup lamp



DJ7021Y-2-21

Terminal No.	Color	Function	Remark
1	Br	Backup lamp (+)	
2	B	Backup lamp (-)	