

Overview

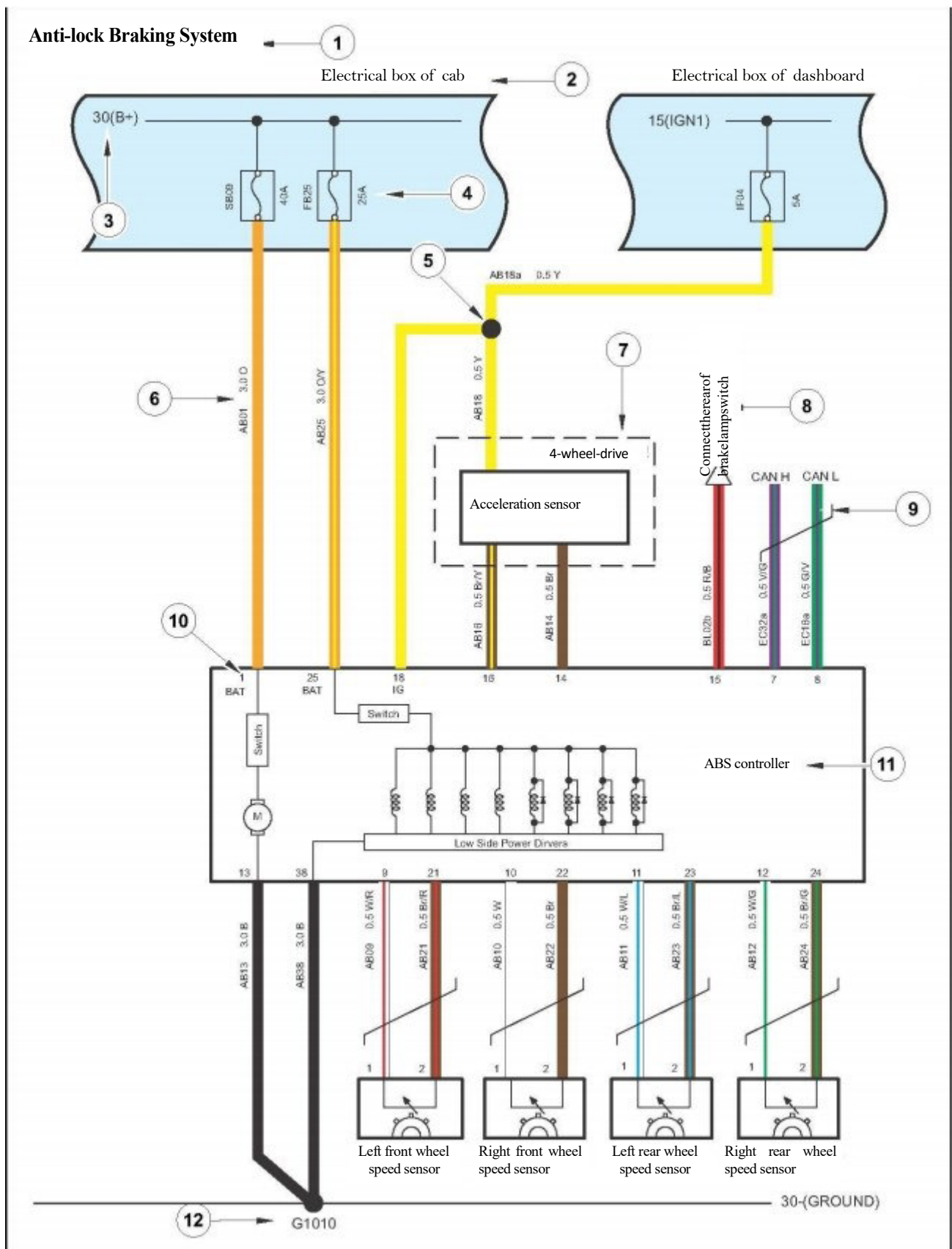
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Circuit diagram introduction



Circuit diagram interpretation

No.	Description
1	System name
2	Light blue filling refers to electrical center (Electrical box)
3	Power supply in electrical box description
4	Fuse description
5	Connection point of wire
6	Refers to the wire code, diameter and color of this circuit
7	Optional mark, which refers to the optional conditions of this electrical component.
8	Refers to the Terminals No. of electrical component or component connecting to this circuit.
9	This circuit is a twisted-pair, which is used to sensor's signal circuit or data communication circuit
10	Terminal (stitch) No. of electrical component
11	Name of electrical component
12	Grounding point of circuit

Electronic recognition and circuit code

1. Harness code definition

Code	English descriptions
EN	Engine wiring harness
ER	Engine room wiring harness
IP	Instrument panel wiring harness
FO	Floor harness
FL	Front door wiring harness-Left
FR	Front door wiring harness-Right
RL	Rear door wiring harness-Left
RR	Rear door wiring harness-Right
BL	Back door harness wiring harness -Left
BR	Back door harness wiring harness- Right
RF	Roof harness
RB	Rear bumper harness
HV	HVAC Harness
BG	Battery ground wiring harness
FB	Front wire harness

Zotye
T600

2. Harness plug code definition

The harness plug numbering rule in this circuit diagram is based on the harness code.

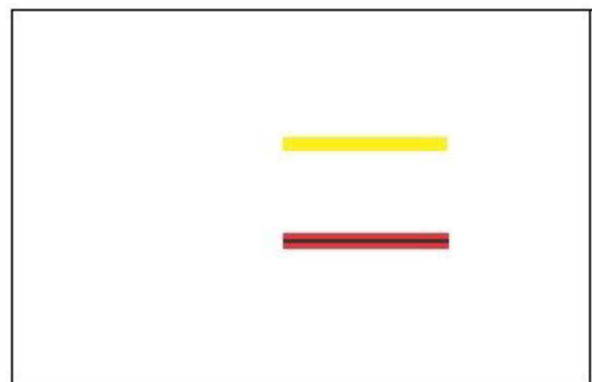
For example: plug EN01 in engine wiring harness, of which, EN is the code, plug no. begins from 01.

Code	Description
EN-	Engine wiring harness plug
ER-	Engine room wiring harness plug
IP-	Instrument panel wiring harness plug
FO-	Floor harness plug
FL-	Left front door wiring plug
FR-	Front right door wiring plug
RL-	Left rear door wiring harness plug
RR-	Right rear door wiring harness plug
BL-	Rear back door left harness plug
BR-	Rear back door right harness plug
RF-	Roof harness plug
RB-	Rear bumper harness plug
HV-	HVAC harness plug
BG-	Battery ground wiring harness plug
FB-	Front wire harness plug

 Note: harness plug No. sees “harness arrangement and plug description”.

3. Wire color code definition

Code	Wire color	Graphical representation
B	Black	
W	White	
R	Red	
G	Green	
Lg	Light green	
Y	Yellow	
L	Blue	
P	Pink	
V	Violet	
O	Orange	
Gr	Gray	
Br	Brown	



Wire with solid color

Wire with twin color

ZOTYE T600

8

Note:

1. The above is solid color code definition table.
2. If a wire has two colors, then taking color of front as principal and color of rear as assistant.

For example: **RB** refers to taking red as principal and black as assistant.

4. Grounding point description

The grounding point no. starting with G in system principle diagram definite the wire grounding of electrical component.

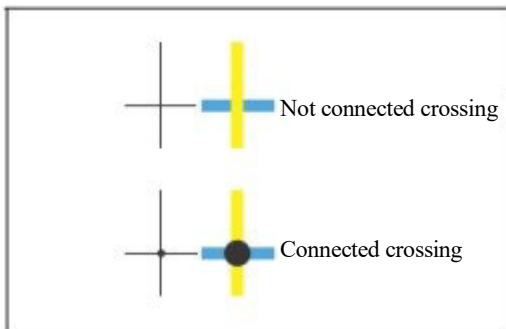
 **Note:** grounding point detailed descriptions see “grounding point distribution and function”.

5. Power supply circuit description

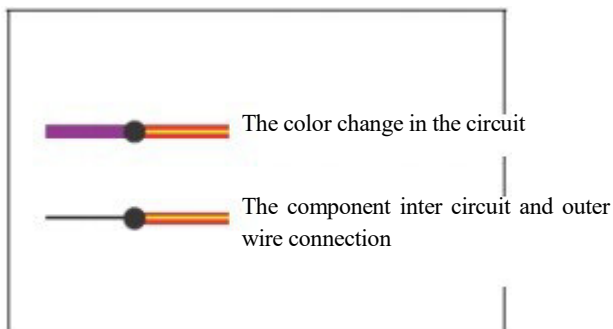
According to the different power supply states of vehicle, the power supply line number is defined as follows:

- 30 (B+) refers to battery power supply
- 15 (IGN1) refers to the battery power supply when the ignition switch is at “ON” or “ST” position.
- 15C (IGN2) refers to the battery power supply when the ignition switch is at “ON” or “ST” position.
- 15A (ACC) refers to the battery power supply when the ignition switch is at “ON” or “ACC” position.
- 58b (RHEO) refers to the background lighting power supply.
- 30- (GROUND) refers to grounding.

6. Crossing node description



7. Single wire node description



8. Electrical box (fuse and relay) Description

This vehicle is equipped with two electrical box centers which are engine room electrical box and dashboard electrical box. The electrical component cover is marked with the capacity and name of each fuse and relay.

• Fuse description

-The component center of engine room has three types of fuse, the fuse number consists of fuse code and serial number, The code of fuse in engine room electrical box is definite as following:

Code	Current (A)	Description
FB	5 - 30A	Plate fuse, plug-in type
SB	25 – 40A	Square fuse, plug-in type
MF	80 -120A	Screw type fuse, i.e. blown fuse

-There is only plate fuse in dashboard electrical box, its number consists of code IF and serial number.

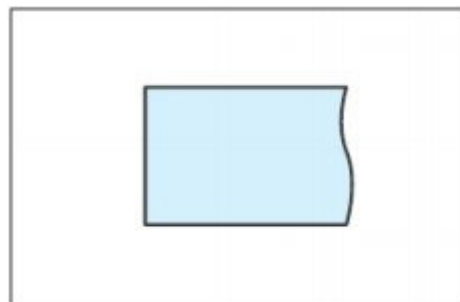
• Relay description

The relay code consists of the Code RLY and serial number.

 **Note:** the detailed descriptions of fuse and relay see “ Electrical box”

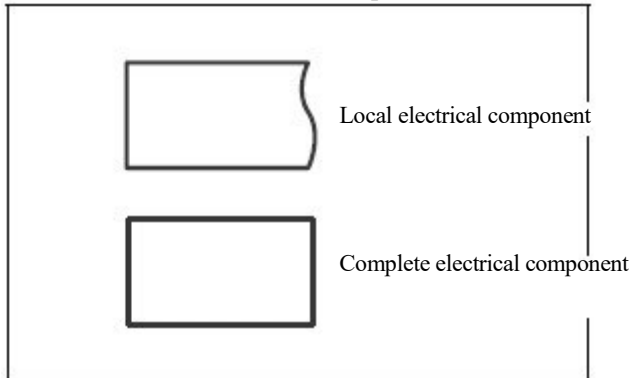
9. Electrical box expression

The blank filled with light blue refers to the electrical box



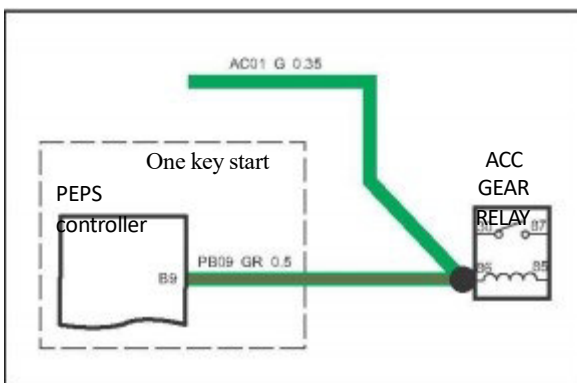
10. Electrical component expression

If all the pins of the electrical components are shown in the system circuit, they shall be marked with a full solid line box, otherwise marked with a partial solid line box



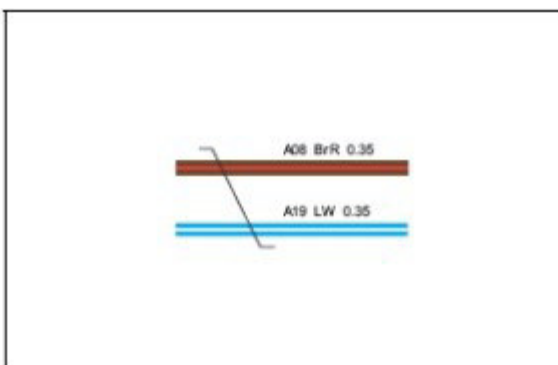
11. Description of dashed box.

The different circuit design due to vehicle type, engine type, transmission type or different configuration will be shown with dashed box in the circuit, and added description in the dashed box.



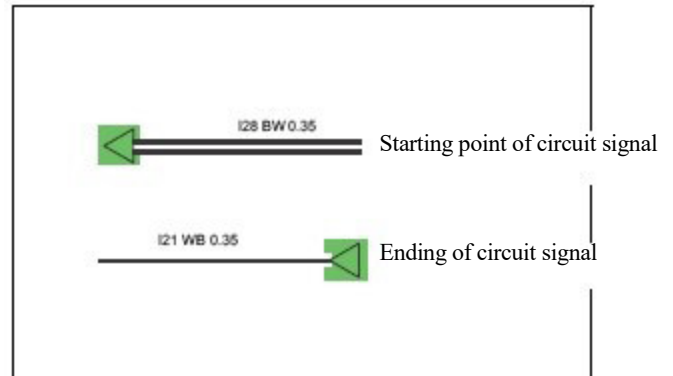
12. Twisted pair expression

Mainly used to sensor's signal circuit and data communication circuit, as shown in the below:

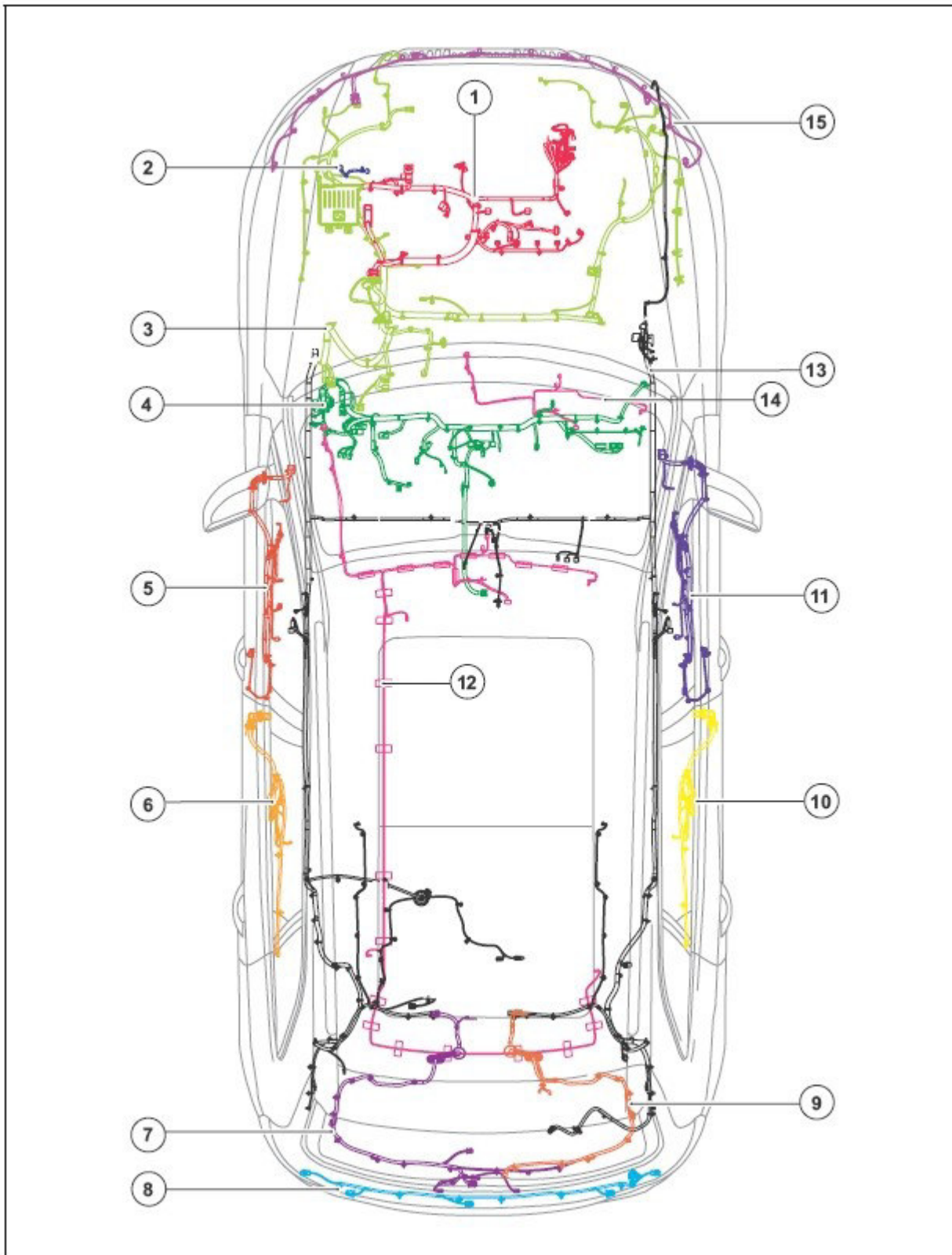


13. The arrow in the circuit

To show the control direction of the circuit, it shall be indicated as follows:



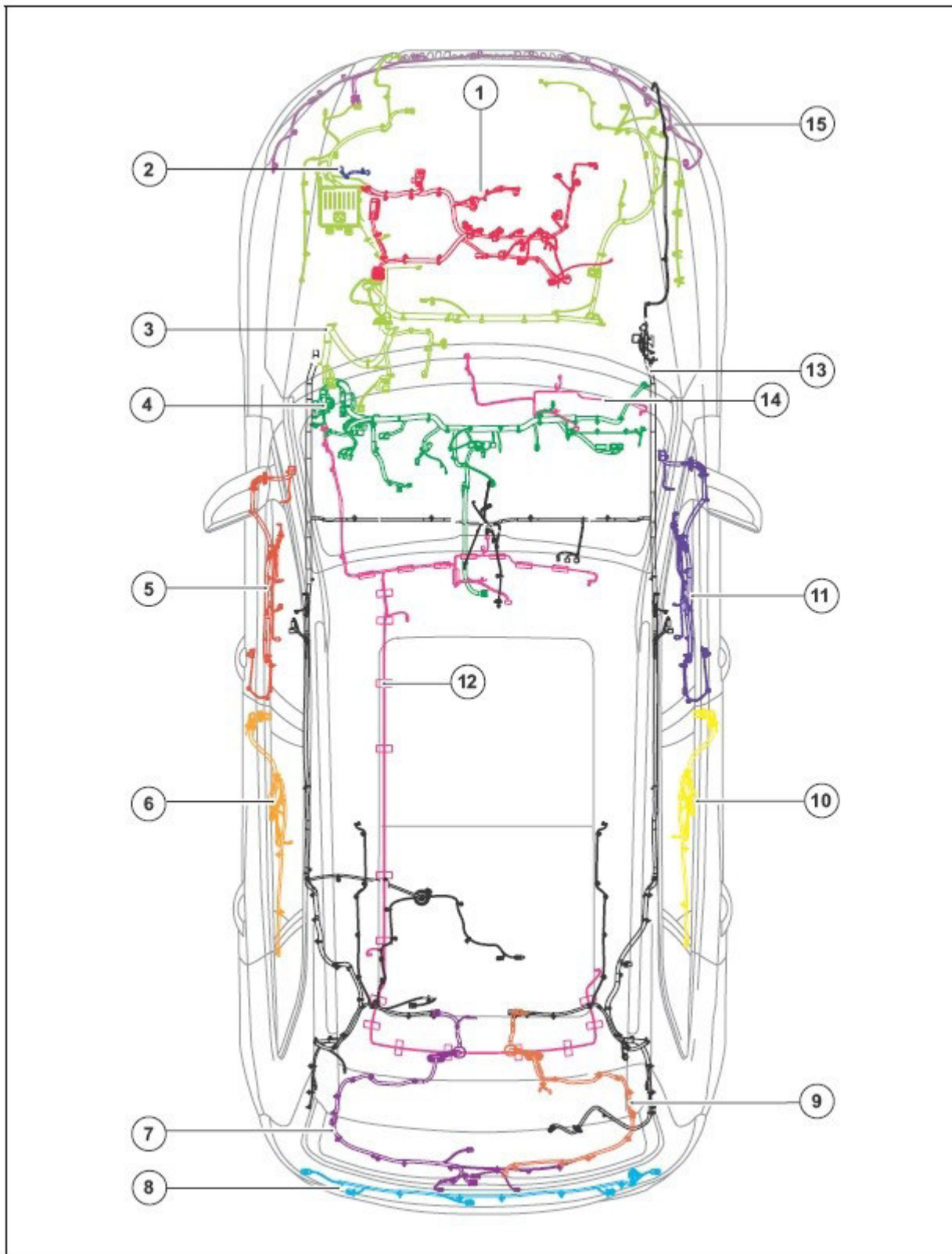
Vehicle wiring harness overview



Arrangement of harness and plug instructions

No.	Description	Code
1	Engine wiring harness-1.5T	EN
2	Battery negative cable	BG
3	Engine room wiring harness	ER
4	Instrument panel wiring harness	IP
5	Front door wiring harness-Left	FL
6	Rear door wiring harness-Left	RL
7	Rear back door left harness	BL
8	Rear bumper harness	RB
9	Rear back door right harness	BR
10	Rear door wiring harness-Right	RR
11	Front door wiring harness-Right	FR
12	Roof harness	RF
13	Floor harness	FO
14	HVAC harness	HV
15	Front wire harness	FB

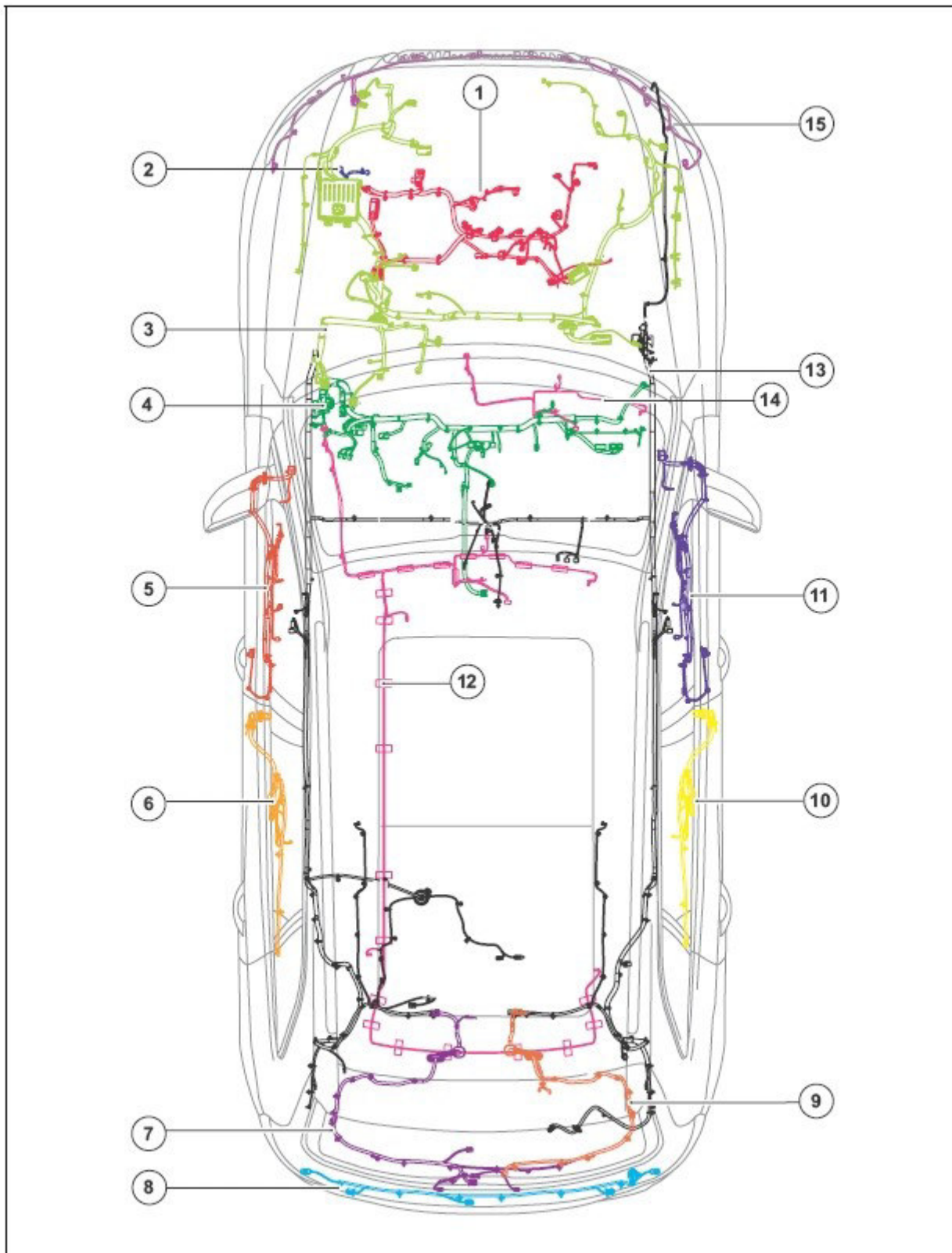
Vehicle wiring harness overview-2.0T (MT)



Arrangement of harness and plug instructions

No.	Description	Code
1	Engine wiring harness-2.0T	EN
2	Battery negative cable	BG
3	Engine room wiring harness-2.0T (MT)	ER
4	Instrument panel wiring harness	IP
5	Front door wiring harness-Left	FL
6	Rear door wiring harness-Left	RL
7	Rear back door left harness	BL
8	Rear bumper harness	RB
9	Rear back door right harness	BR
10	Rear door wiring harness-Right	RR
11	Front door wiring harness-Right	FR
12	Roof harness	RF
13	Floor harness	FO
14	HVAC harness	HV
15	Front wire harness	FB

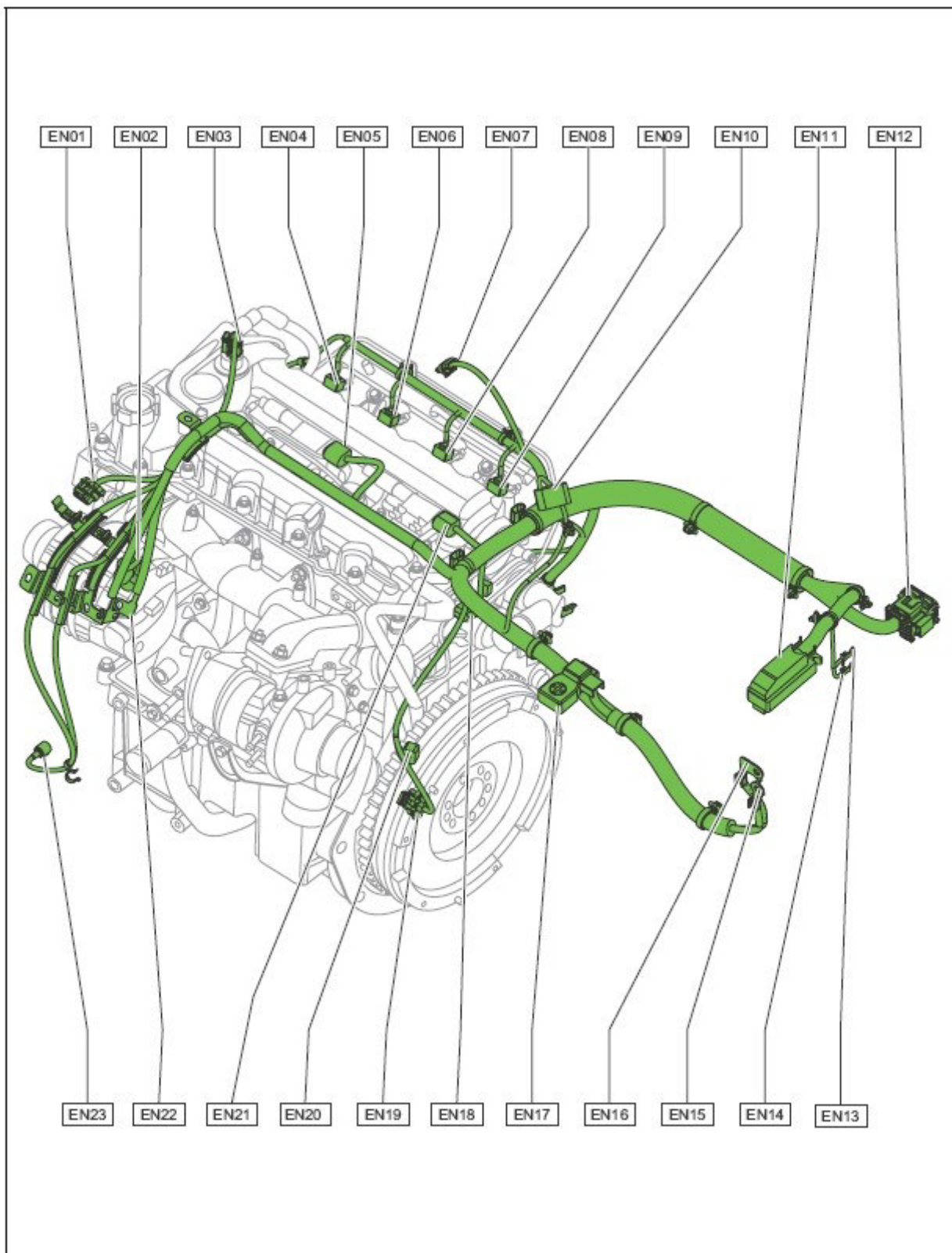
Vehicle wiring harness overview-2.0T (DCT)



Arrangement of harness and plug instructions

No.	Description	Code
1	Engine wiring harness-2.0T	EN
2	Battery negative cable	BG
3	Engine room wiring harness-2.0T (DCT)	ER
4	Instrument panel wiring harness	IP
5	Front door wiring harness-Left	FL
6	Rear door wiring harness-Left	RL
7	Rear back door left harness	BL
8	Rear bumper harness	RB
9	Rear back door right harness	BR
10	Rear door wiring harness-Right	RR
11	Front door wiring harness-Right	FR
12	Roof harness	RF
13	Floor harness	FO
14	HVAC harness	HV
15	Front wire harness	FB

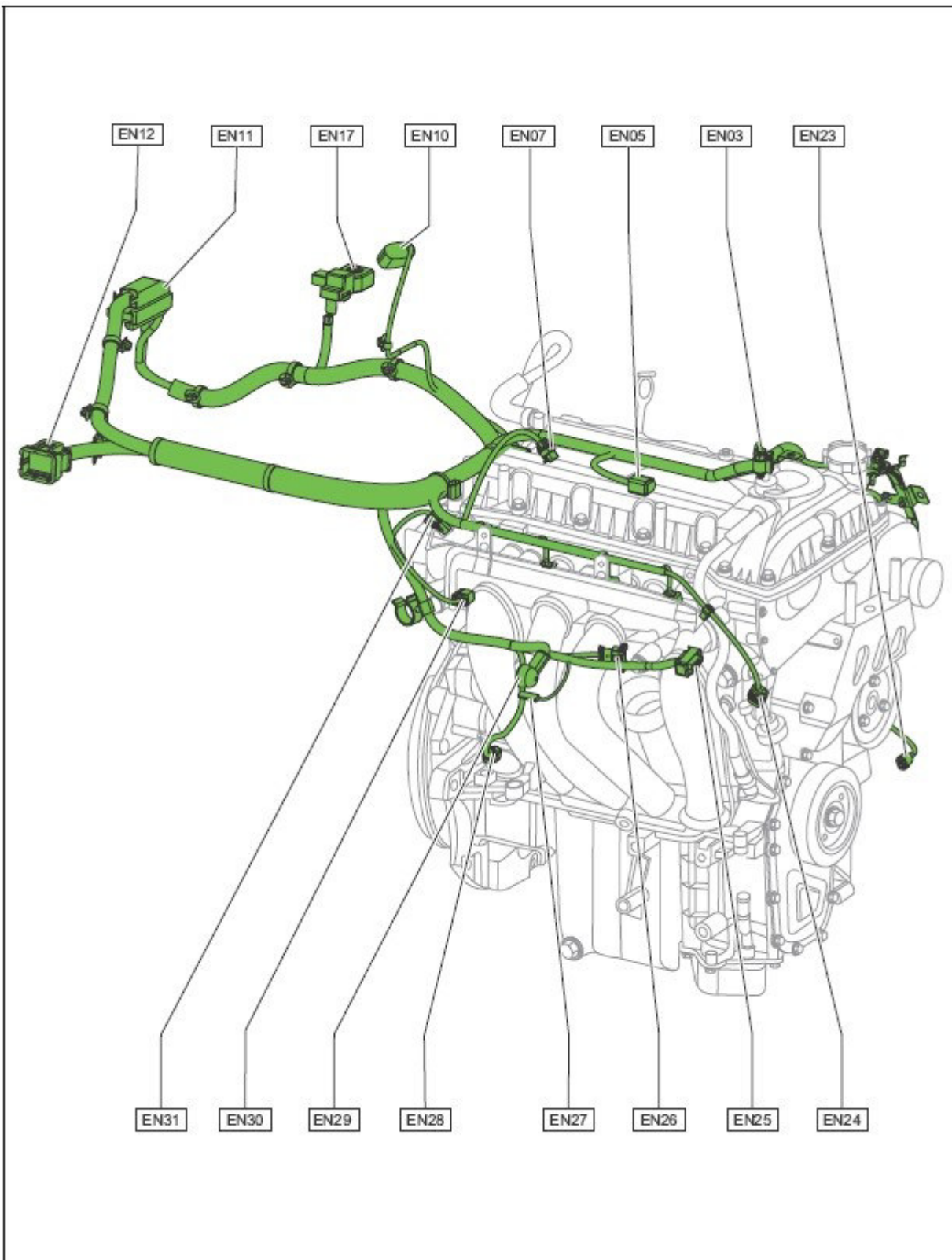
Engine wiring harness-Positive



Engine wiring harness – Positive plug definition

Plug Code	Connected electrical equipment
EN01	Front oxygen sensor
EN02	Engine controller
EN03	Engine control valve
EN04	1-cylinder injector
EN05	Ignition coil (2- cylinder, 3- cylinder)
EN06	2-cylinder injector
EN07	Supercharging pressure sensor
EN08	3-cylinder injector
EN09	4-cylinder injector
EN10	Air flow meter
EN11	Engine ECU
EN12	Connect engine room wiring harness
EN13	Bonding (G1014)
EN14	Bonding (G1006)
EN15	Connect electrical box - Generator wire
EN16	Connect electrical box-Battery terminal positive wire
EN17	Battery terminal positive
EN18	Engine oil press sensor
EN19	Rear oxygen sensor
EN20	Emissions control valve
EN21	Ignition coil (1- cylinder, 4- cylinder)
EN22	Generator power supply
EN23	Compressor

Engine wiring harness-back

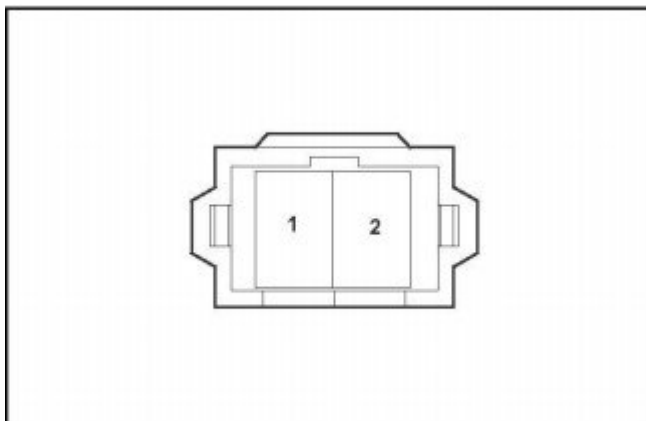


Engine wiring harness-back plug definition

Plug code	Connected electrical equipment
EN03	Engine control valve
EN05	Ignition coil
EN07	Supercharging pressure sensor
EN10	Air flow meter
EN11	Engine ECU
EN12	Connect Engine room wiring harness
EN17	Battery terminal positive
EN23	Compressor
EN24	canister control valve
EN25	Electronic throttle valve
EN26	Knock sensor
EN27	Starter control end
EN28	Crankshaft sensor
EN29	Starter power supply
EN30	Water temperature sensor
EN31	Cam phase sensor

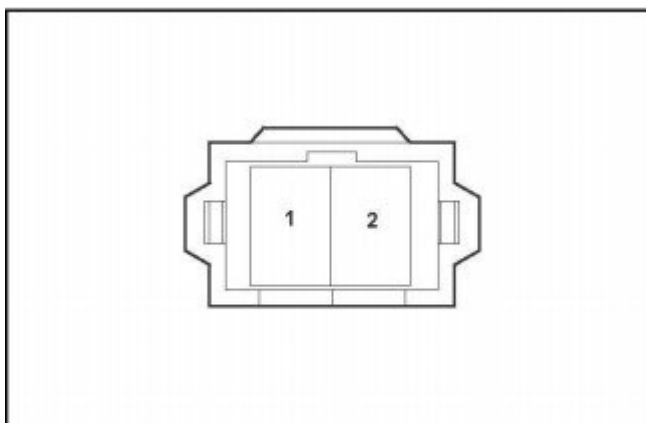
Engine wiring harness plug Description-1.5T

1-cylinder injector (EN04)



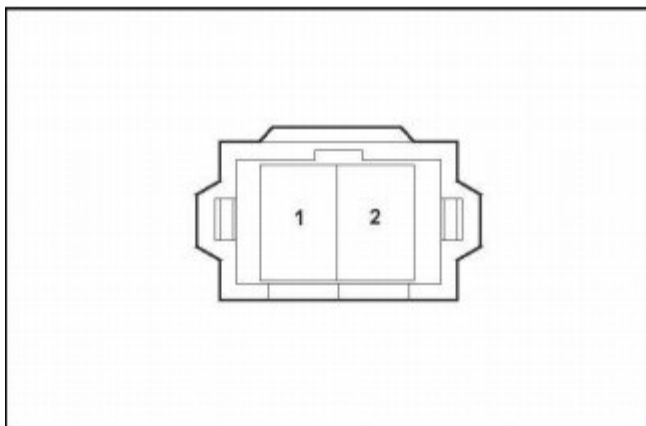
Terminals no.	Wire size	Wire diameter / color	Function
1	M190D	0.75 WR	Injector +
2	M07	0.75 WL	Injector control

2-cylinder injector (EN06)



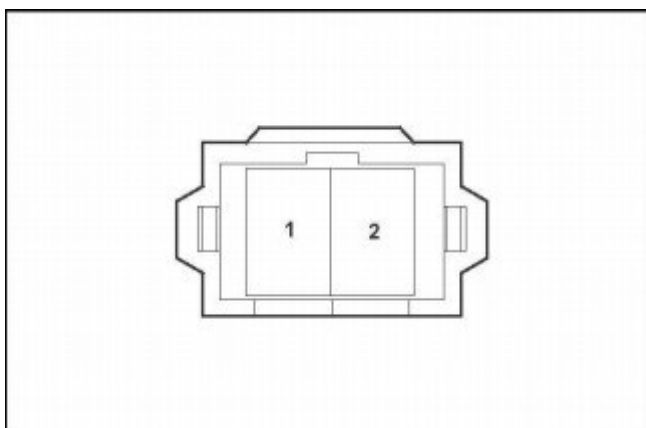
Terminals no.	Wire size	Wire diameter / color	Function
1	M190C	0.75 WR	Injector +
2	M27	0.75 WG	Injector control

3-cylinder injector (EN08)



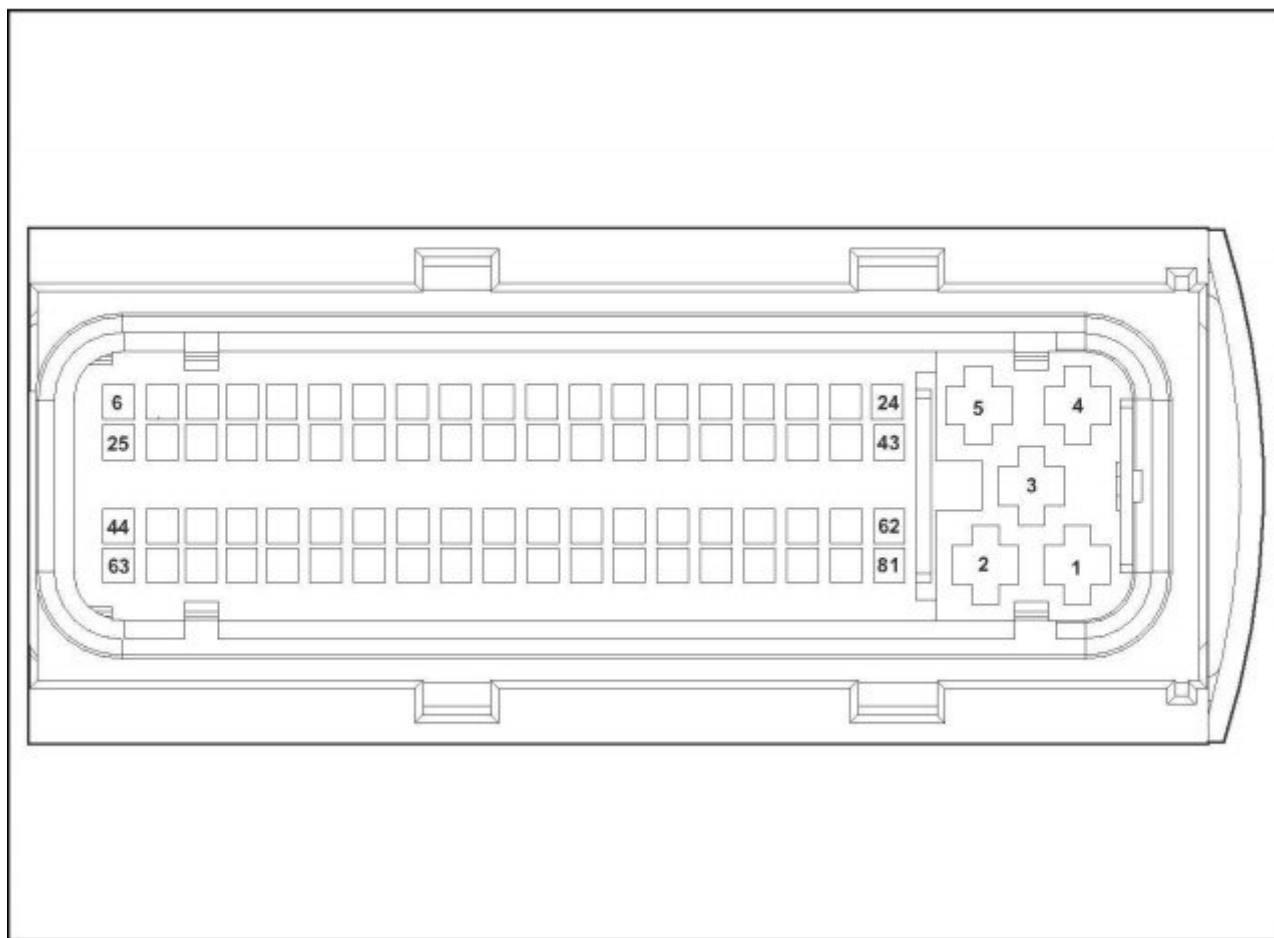
Terminals no.	Wire size	Wire diameter / color	Function
1	M190B	0.75 WR	Injector +
2	M47	0.75 WY	Injector control

4-cylinder injector (EN09)



Terminals no.	Wire size	Wire diameter / color	Function
1	M190A	0.75 WR	Injector +
2	M06	0.75 WB	Injector control

Engine ECU (EN11)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	M02	0.75 Y	Ignition coil (1 st and 4 th cylinders) control
3	M03	1.5 B	Engine ECU power low
4	-	-	Unused
5	M05	0.75 W	Ignition coil (2 nd and 3 rd cylinder) control
6	M06	0.75 WB	Injector (1 st cylinder) control
7	M07	0.75 WL	Injector (4 th cylinder) control
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	M11	0.5 V	Vacuum pump relay
12	M12	0.5 RW	Battery power supply

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
13	M13	0.5 RY	Ignition switch IGN power supply
14	M14	0.35 RW	Main relay
15	M15	0.35 W	Crankshaft sensor position signal
16	M16	0.35 YB	Electronic accelerator pedal sensor location signal1
17	M17	0.35 GrG	reference voltage grounding
18	M18	0.35 Gr	Front oxygen sensor signal
19	M19	0.35 G	Knock sensor high
20	M20	0.35 Y	Knock sensor low
21	M21	0.35 YB	Brake switch normally open signal
22	-	-	Unused
23	M23	0.35 BrB	Braking vacuum sensor signal
24	-	-	Unused
25	-	-	Unused
26	M26	0.75 GrL	Front oxygen sensor heating control
27	M27	0.75 WG	Injector (3 rd cylinder) control
28	M28	0.75 GrG	Rear oxygen sensor heating control
29	M29	0.75 BY	Emissions control valve control
30	-	-	Unused
31	-	-	Unused
32	M32	0.35 G	Sensor reference voltage 2
33	M33	0.35 R	Sensor reference voltage 1
34	-	-	Unused
35	M35	0.35 Y	Sensor reference voltage grounding 2
36	M36	0.35 L	Sensor reference voltage grounding 1
37	M37	0.35 P	Air flow meter pressure signal
38	M38	0.35 LY	Electronic throttle valve signal2
39	M39	0.35 GR	Coolant temperature sensor feedback
40	M40	0.35 LB	Electronic accelerator pedal sensor location signal2

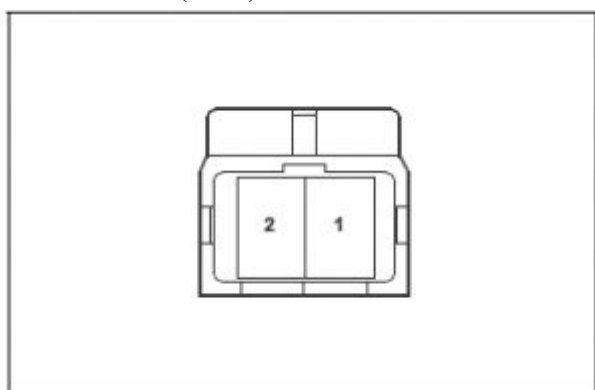
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
41	M41	0.35 BW	Air flow meter temperature signal
42	M42	0.35 Br	Supercharging pressure sensor temperature signal
43	-	-	Unused
44	M44	0.5 RL	Power supply through main relay
45	M45	0.5 RL	Power supply through main relay
46	M46	0.75 BW	canister control valve control
47	M47	0.75 WY	Injector (2 nd cylinder) control
48	M48	0.75 BY	Engine control valve control line
49	-	-	Unused
50	M50	0.35 RG	Fan relay (low speed)
51	M51	0.5 B	Engine ECU signal
52	-	-	Unused
53	M53	0.5 B	Engine ECU signal
54	M54	0.35 LW	Electronic throttle valve signal 1
55	M55	0.35 GrL	Rear oxygen sensor signal
56	M56	0.35 BrM	Supercharging pressure sensor pressure signal
57	M57	0.35 GW	Air condition pressure switch high and low pressure signal
58	M58	0.5 YR	Brake switch normally closed signal
59	-	-	Unused
60	M60	0.35 YL	Air condition pressure switch medium pressure signal
61	M61	0.75 B	Engine ECU power low
62	M62	0.35 R	CAN_H
63	M63	0.75 RL	Power supply through main relay
64	M64	0.5 GL	Electronic throttle valve idle stepper motor+
65	M65	0.5 GL	Electronic throttle valve idle stepper motor+
66	M66	0.5 GB	Electronic throttle valve idle stepper motor-
67	M67	0.5 GB	Electronic throttle valve idle stepper motor-

Arrangement of harness and plug instructions

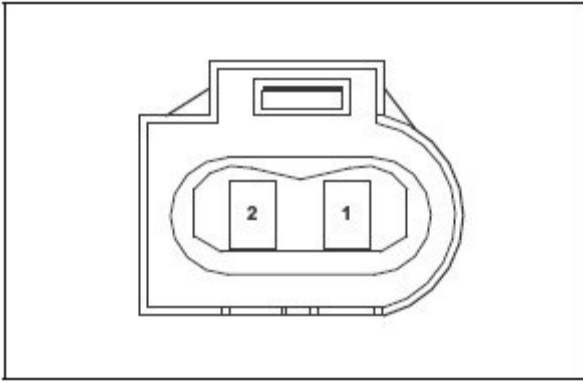
Terminals no.	Wire size	Wire diameter / color	Function
68	M68	0.5 RL	Fan relay (High speed)
69	M69	0.5 RB	Compressor relay
70	M70	0.5 RY	Oil pump relay
71	M71	0.35 V	Diagnostic interface K line
72	-	-	Unused
73	M73	0.35 R	Air flow meter reference voltage
74	M74	0.35 YG	Clutch switch signal
75	-	-	Unused
76	-	-	Unused
77	-	-	Unused
78	M78	0.35 LR	Electronic throttle valve5V reference voltage
79	M79	0.35 BrY	Phase sensor feedback
80	M80	0.75 B	Engine ECU power low
81	M81	0.35 L	CAN_L

Knock sensor (EN26)



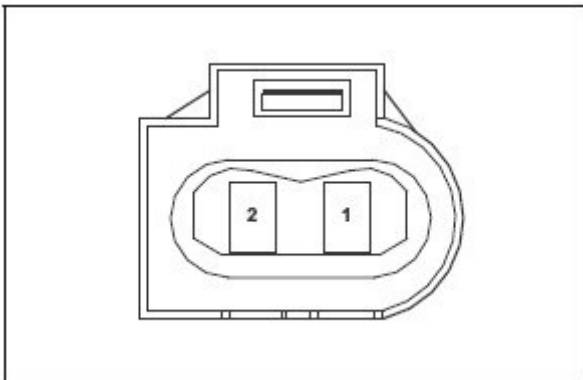
Terminals no.	Wire size	Wire diameter / color	Function
1	M19	0.35 G	Knock sensor high
2	M20	0.35 Y	Knock sensor low

Ignition coil (2nd and 3rd cylinders) (EN05)



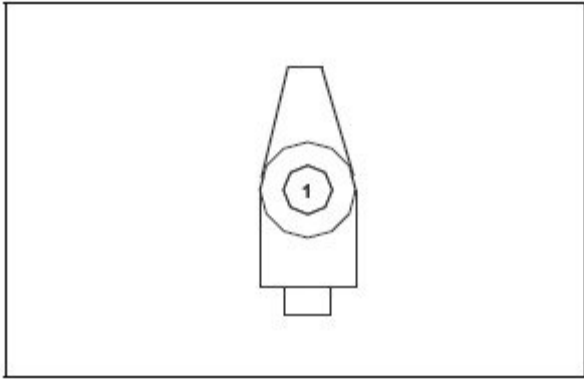
Terminals no.	Wire size	Wire diameter / color	Function
1	M190E	0.75 WR	Ignition coil power supply
2	M02	0.75 Y	Ignition coil (2 nd and 3 rd cylinders) control

Ignition coil (1st and 4th cylinders) (EN21)



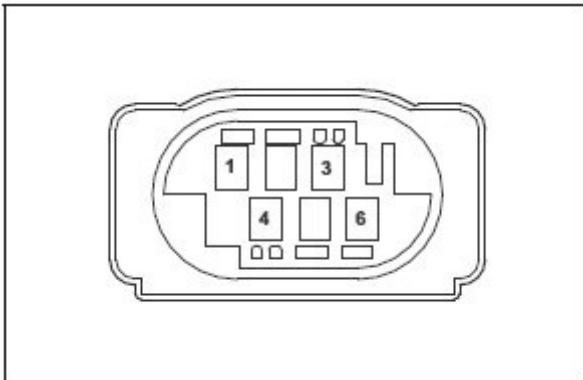
Terminals no.	Wire size	Wire diameter / color	Function
1	M190F	0.75 W	Ignition coil power supply
2	M05	0.75 WR	Ignition coil (1 st and 4 th cylinder) control

Connect electrical box - Engine (EN15)



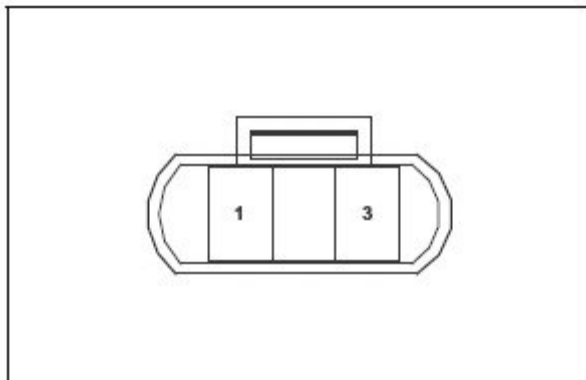
Terminals no.	Wire size	Wire diameter / color	Function
1	BT02	16.0 R	Generate electricity of engine

Electronic throttle valve (EN25)



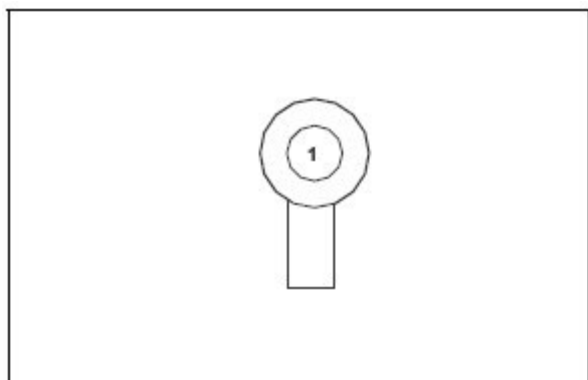
Terminals no.	Wire size	Wire diameter / color	Function
1	M66A	0.5 GB	Electronic throttle valve idle stepper motor-
2	M78	0.35 LR	Electronic throttle valve 5V reference voltage
3	M32A	0.35 G	Reference voltage
4	M64A	0.5 GL	Electronic throttle valve idle stepper motor+
5	M38	0.35 LY	Electronic throttle valve signal 2
6	M54	0.35 LW	Electronic throttle valve signal 1

Engine controller (EN02)



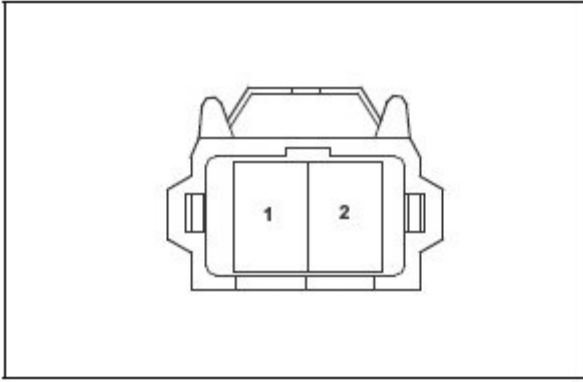
Terminals no.	Wire size	Wire diameter / color	Function
1	I16	0.35 W	Charging indicator
2	M135	0.5 RL	Engine excitation
3	-	-	Unused

Generator power supply (EN22)



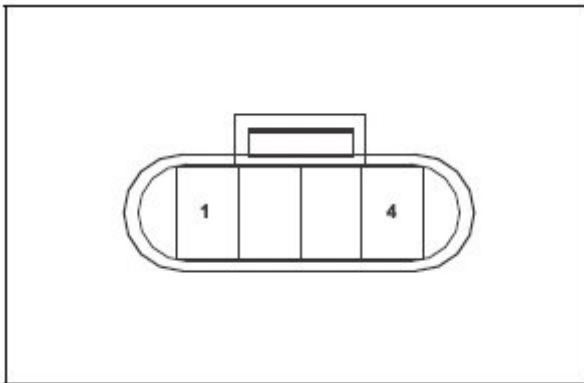
Terminals no.	Wire size	Wire diameter / color	Function
1	BT02	16.0 R	Engine B+

Emissions control valve (EN20)



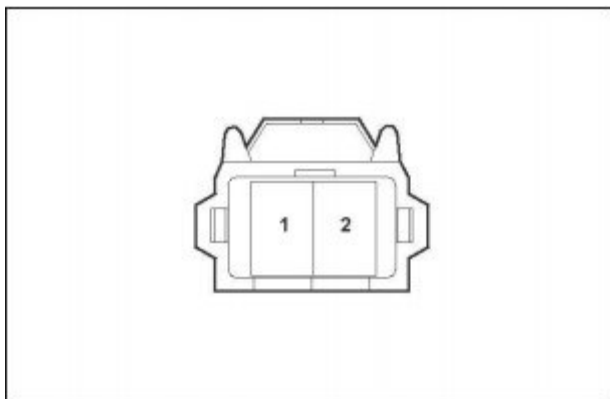
Terminals no.	Wire size	Wire diameter / color	Function
1	M29	0.75 BY	Emissions control valve control
2	M140B	0.75 RL	Emissions control valve power supply

Rear oxygen sensor (EN19)



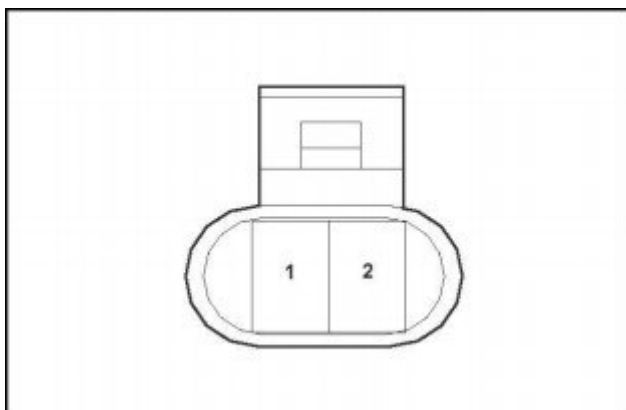
Terminals no.	Wire size	Wire diameter / color	Function
1	M36B	0.35 L	Reference voltage grounding
2	M55	0.35 GrL	Rear oxygen sensor signal
3	M28	0.75 GrG	Rear oxygen sensor heating control
4	M130	0.75 RG	Rear oxygen sensor power supply

Engine oil press sensor (EN18)



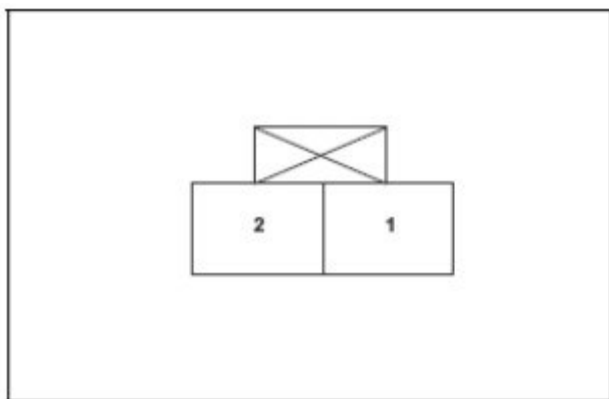
Terminals no.	Wire size	Wire diameter / color	Function
1	I09	0.5 GrB	Engine oil press sensor signal

canister control valve (EN24)



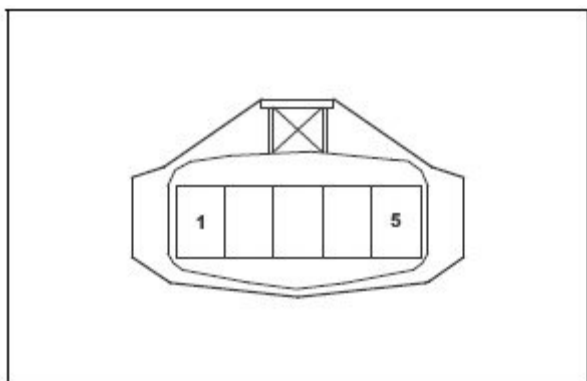
Terminals no.	Wire size	Wire diameter / color	Function
1	M140A	0.75 RL	canister control valve power supply
2	M46	0.75 BW	canister control valve control

Engine control valve (EN03)



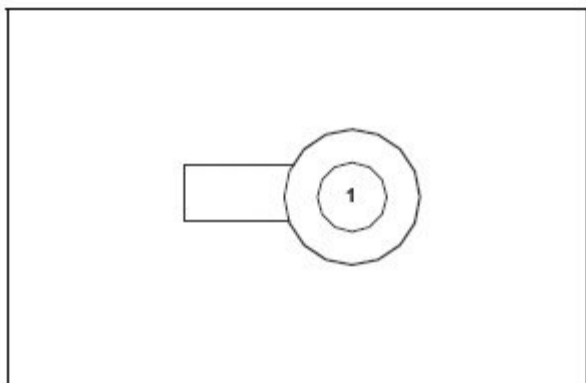
Terminals no.	Wire size	Wire diameter / color	Function
1	M140C	0.75 RL	Engine control valve power supply
2	M48	0.75 BY	Engine control valve control line

Air flow meter (EN10)



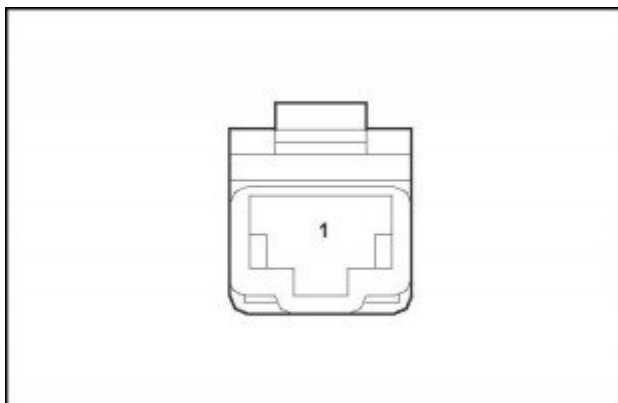
Terminals no.	Wire size	Wire diameter / color	Function
1	M41	0.35 BW	Air flow meter temperature signal
2	M132	0.75 RB	Air flow meter power supply
3	M17D	0.35 GrG	reference voltage grounding
4	M33D	0.35 R	reference voltage
5	M37	0.35 P	Air flow meter pressure signal

Starter power supply (EN29)



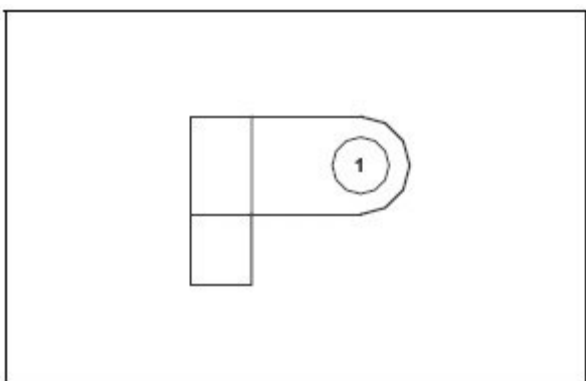
Terminals no.	Wire size	Wire diameter / color	Function
1	BT03	16.0 R	Battery power supply

The starter control terminal (EN27)



Terminals no.	Wire size	Wire diameter / color	Function
1	BT10B	2.5 R	Starting power supply

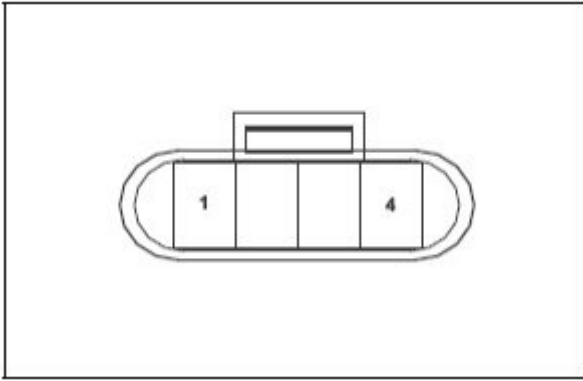
Engine room electrical box power supply (EN16)



Terminals no.	Wire size	Wire diameter / color	Function
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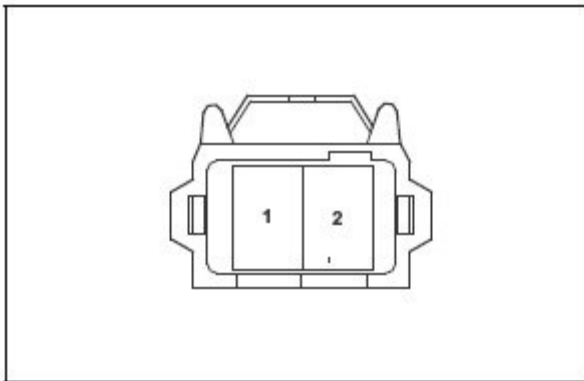
1	BT01	16.0 R	Battery power supply (B+)
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Front oxygen sensor (EN01)



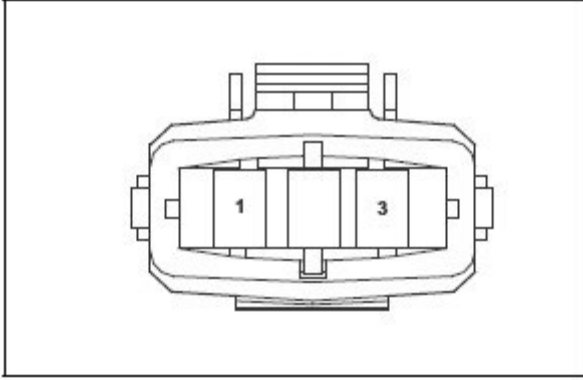
Terminals no.	Wire size	Wire diameter / color	Function
1	M36A	0.35 L	reference voltage grounding
2	M18	0.35 Gr	Front oxygen sensor signal
3	M26	0.75 GrL	Front oxygen sensor heating control
4	M131	0.75 RB	Front oxygen sensor power supply

Water temperature sensor (EN30)



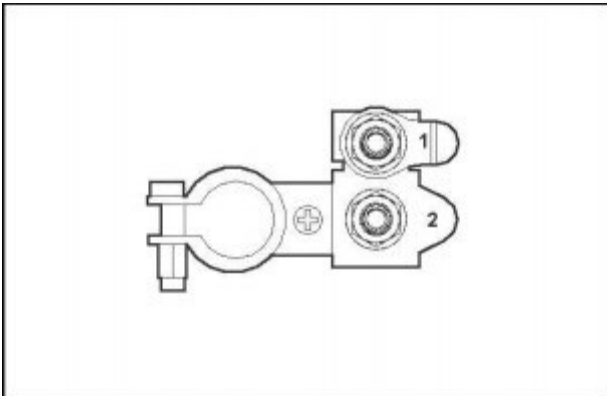
Terminals no.	Wire size	Wire diameter / color	Function
1	M39	0.35 GR	Coolant temperature sensor feedback
2	M17B	0.35 GrG	Reference voltage grounding

Cam phase sensor (EN31)



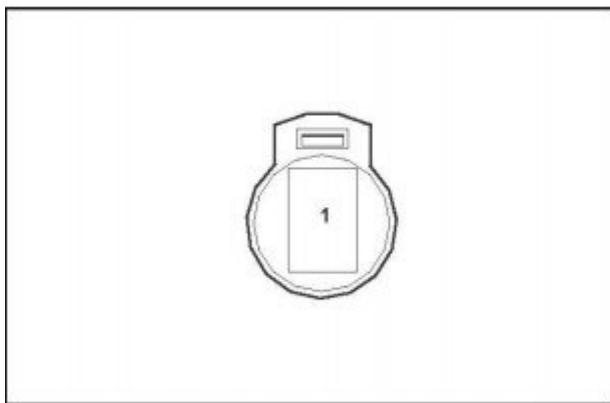
Terminals no.	Wire size	Wire diameter / color	Function
1	M36D	0.35 Y	reference voltage grounding
2	M79	0.35 BrY	Phase sensor feedback
3	M32B	0.35 G	reference voltage

Battery terminal positive connector (EN17)



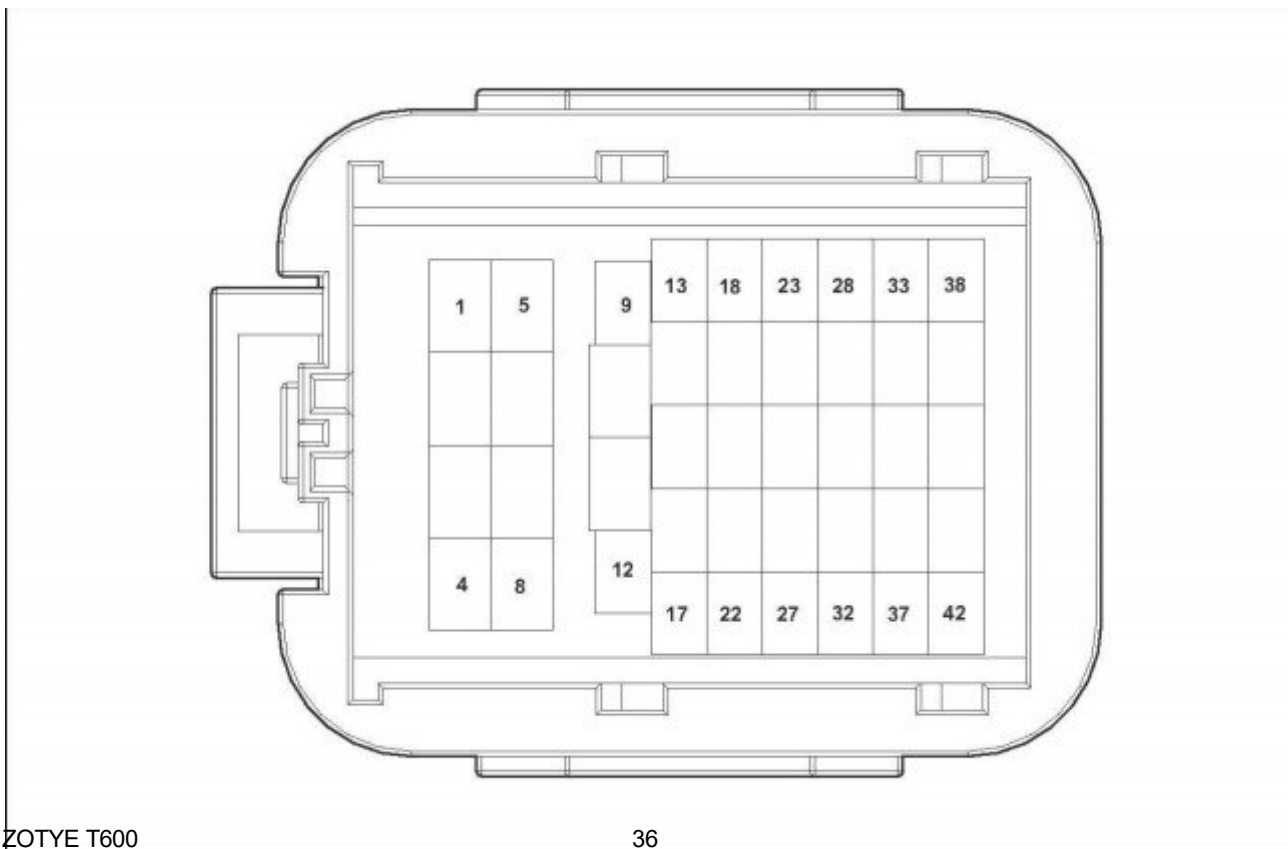
Terminals no.	Wire size	Wire diameter / color	Function
1	BT01	16.0 R	Generate electricity of engine
2	BT03	16.0 R	Starter regular power supply

Compressor (EN23)



Terminals no.	Wire size	Wire diameter / color	Function
1	M701	0.75 GW	Compressor power supply

Connect engine room wiring harness (EN12)



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Terminals no.	Wire size	Wire diameter / color	Function
1	M190	0.75 WR	Ignition coil and injector power supply
2	M140	1.0 RL	Engine ECU, carbon tank control valve, emissions control valve and air intake CAM timing power supply
3	BT10B	2.5 R	Starter power supply

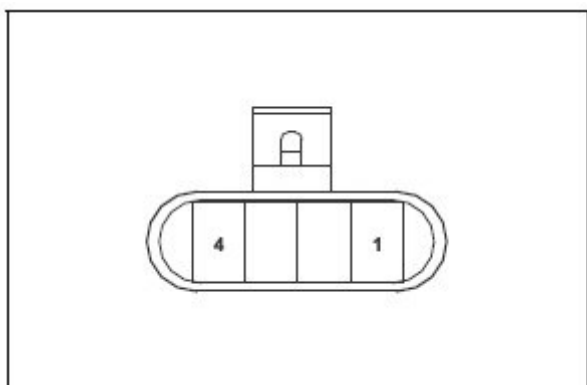
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
4	M132	0.75 RB	Air flow meter power supply
5	M131	0.75 RB	Front oxygen sensor power supply
6	M701	0.75 GW	Compressor power supply
7	M130	0.75 RG	Rear oxygen sensor power supply
8	-	-	Unused
9	M11	0.5 V	Vacuum pump relay control
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	M40	0.35 LB	Electronic accelerator pedal sensor location signal 2
14	-	-	Unused
15	M21	0.35 YB	Brake switch normally open signal
16	M13A	0.5 RY	Ignition switch ON power supply
17	M71	0.35 V	Diagnostic interface K line
18	M35	0.35 Y	Electronic accelerator pedal sensor reference voltage grounding 2
19	-	-	Unused
20	M58	0.35YR	Brake switch normally closed signal
21	-	-	Unused
22	I16	0.35 W	Engine charging indicator
23	M32C	0.35 G	Electronic accelerator pedal sensor reference voltage 2
24	M23	0.35 BrB	Braking vacuum sensor signal
25	M57	0.35 GW	Air condition pressure switch high and low pressure signal
26	-	-	Unused
27	I09	0.5 GrB	Engine oil pressure switch
28	M74	0.35 YG	Clutch switch signal
29	M16	0.35 YB	Electronic accelerator pedal sensor location signal1
30	M12	0.5 RW	Battery power supply

Arrangement of harness and plug instructions

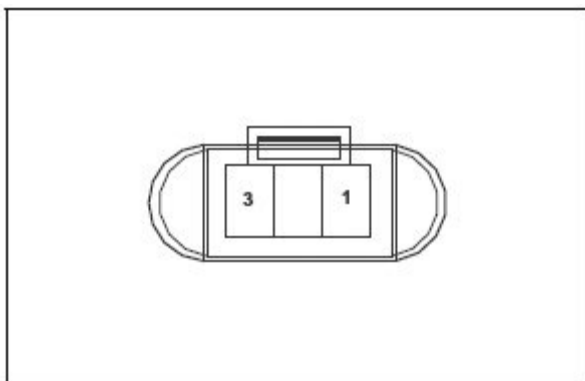
Terminals no.	Wire size	Wire diameter / color	Function
31	-	-	Unused
32	-	-	Unused
33	M60	0.35 YL	Air condition pressure switch medium pressure signal
34	M33C	0.35 R	Electronic accelerator pedal sensor reference voltage 1
35	M70	0.5 RY	Oil pump relay control line
36	M14	0.35 RW	Main relay control line
37	M62	0.35 G	CAN_H
38	M50	0.5 RG	Fan relay (low speed) control
39	M36E	0.35 BrR	Electronic accelerator pedal sensor reference voltage grounding1
40	M69	0.5 RB	Compressor relay control
41	M68	0.5 RL	Fan relay (high speed) control
42	M81	0.35 L	CAN_L

Supercharging pressure sensor (EN07)



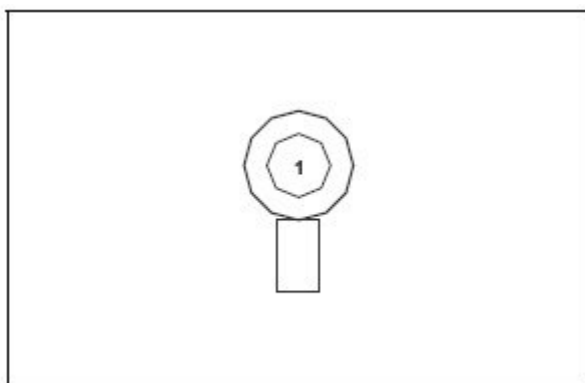
Terminals no.	Wire size	Wire diameter / color	Function
1	M17C	0.35 GrG	Reference voltage grounding
2	M42	0.35 Br	Supercharging pressure sensor temperature signal
3	M33B	0.35 R	reference voltage
4	M56	0.35 BrW	Supercharging pressure sensor pressure signal

Crankshaft sensor (EN28)



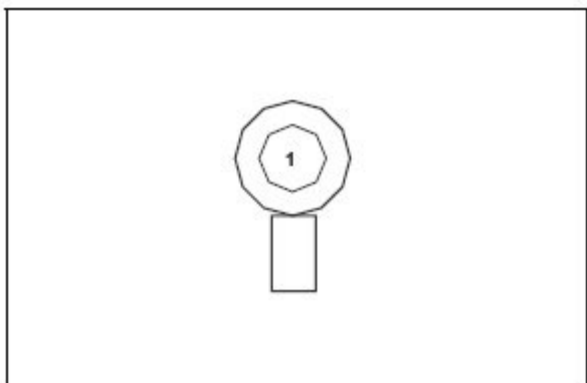
Terminals no.	Wire size	Wire diameter / color	Function
1	M33A	0.35 R	Reference voltage
2	M15	0.35 W	Crankshaft sensor location signal
3	M17A	0.35 GrG	Reference voltage grounding

Bonding (G1014) (EN13)



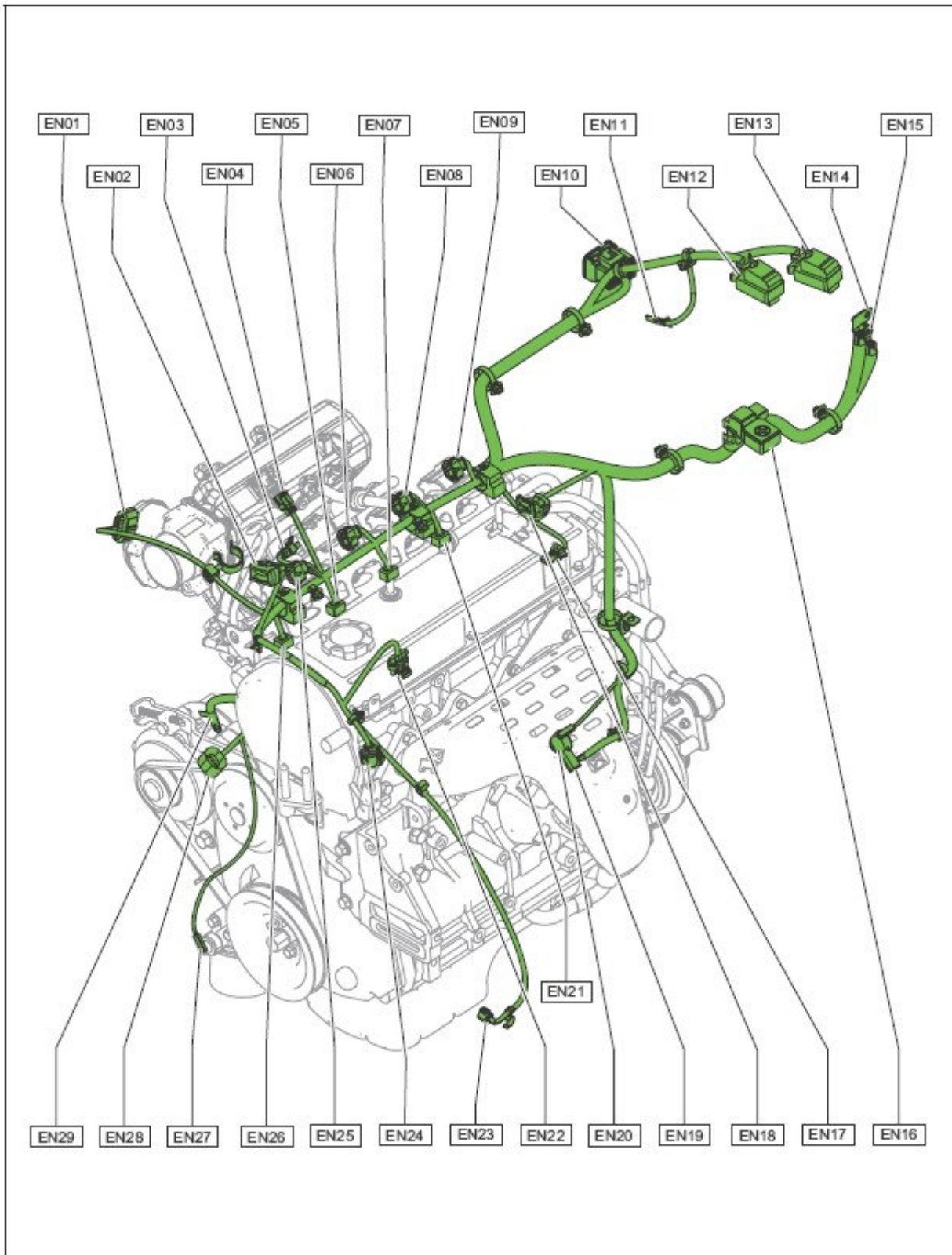
Terminals no.	Wire size	Wire diameter / color	Function
1	M51	0.5 B	Engine ECU signal low
	M53	0.5 B	Engine ECU signal low

Bonding (G1006) (EN14)



Terminals no.	Wire size	Wire diameter / color	Function
1	M03	1.5 B	Engine ECU power low
	M61	0.75 B	Engine ECU power low
	M80	0.75 B	Engine ECU power low

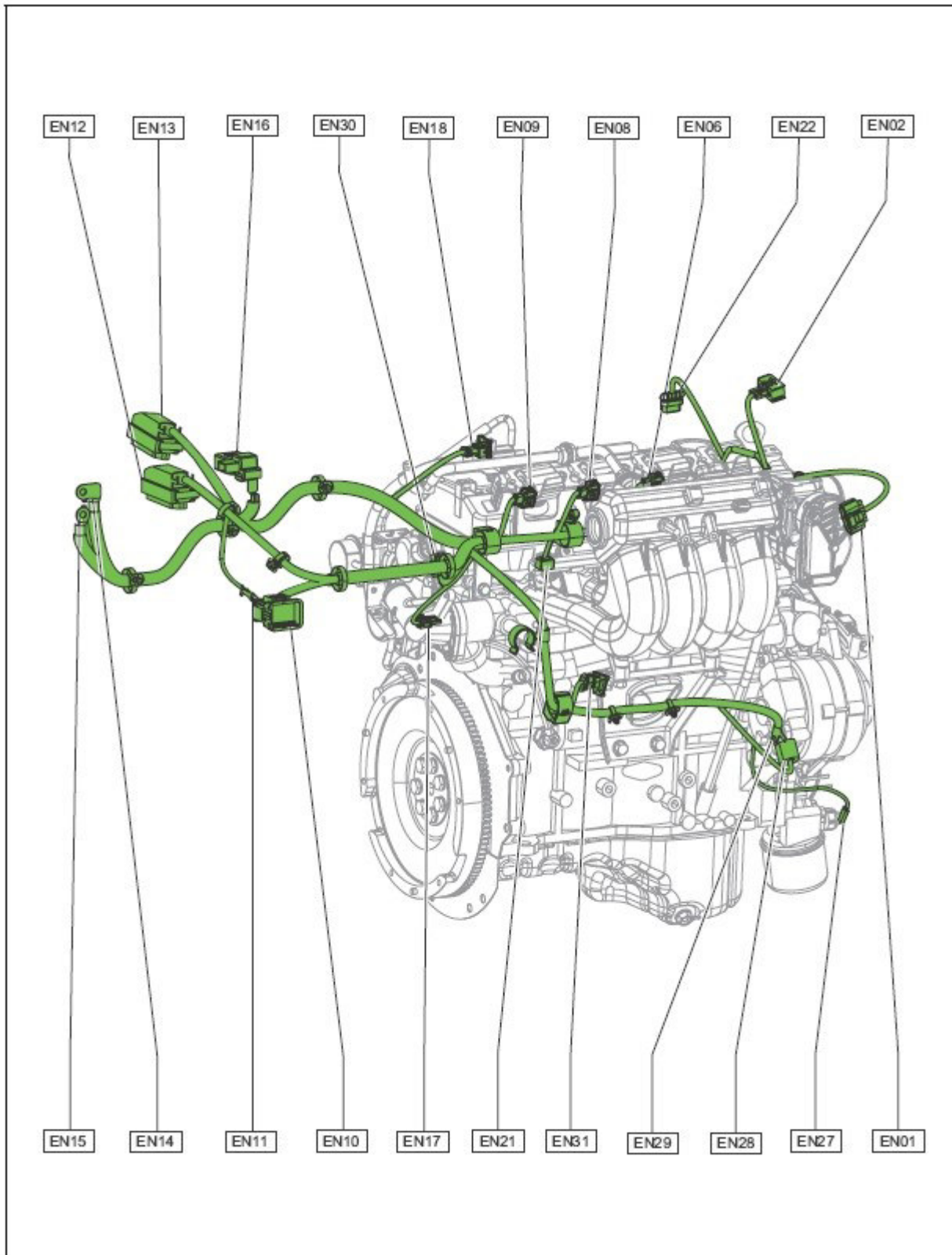
Engine wiring harness-Positive (2.0T)



Engine wiring harness - Positive plug definition

Plug code	Connected electrical equipment
EN01	Electronic throttle valve
EN02	Supercharging pressure and temperature sensor
EN03	Connect carbon tank control valve
EN04	Manifold pressure sensor
EN05	Injector 2
EN06	Ignition coil 2
EN07	Injector 3
EN08	Ignition coil 3
EN09	Ignition coil 4
EN10	Front cabin harness connector
EN11	Bonding1
EN12	Engine ECU-E end
EN13	Engine ECU-C end
EN14	Front room electrical box power supply
EN15	Electrical box engine electronic
EN16	Battery positive 2
EN17	Water temperature sensor
EN18	Exhaust bypass valve
EN19	Starter field
EN20	Starter
EN21	Injector 4
EN22	Front oxygen sensor
EN23	Compressor
EN24	Crankshaft sensor
EN25	Ignition coil1
EN26	Injector 1
EN27	Engine oil pressure switch
EN28	Engine controller
EN29	Engine

Engine wiring harness-back (2.0T)

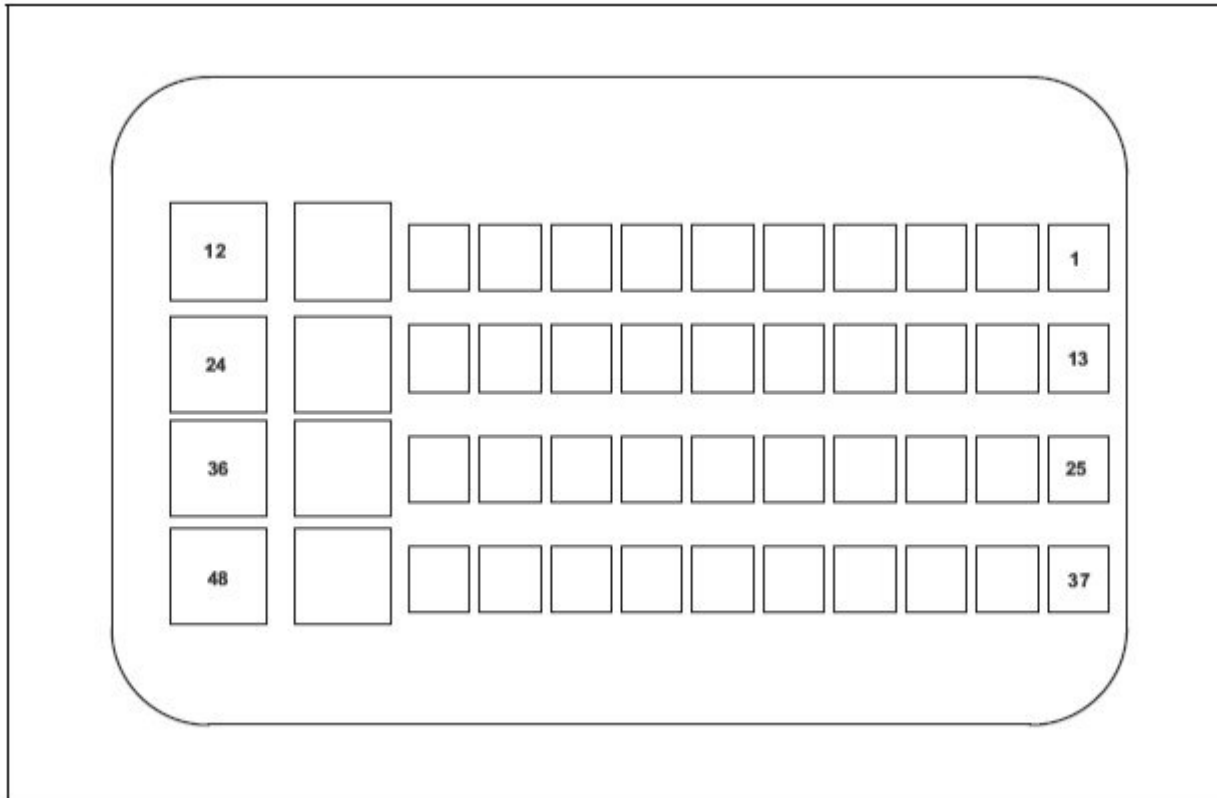


Engine wiring harness-Positive plug definition

Plug code	Connected electrical equipment
EN01	Electronic throttle valve
EN02	Supercharging pressure and temperature sensor
EN06	Ignition coil2
EN08	Ignition coil3
EN09	Ignition coil4
EN10	Front cabin harness connector
EN11	Bonding1
EN12	Engine ECU-E end
EN13	Engine ECU-C end
EN14	Front room electrical box power supply
EN15	Electrical box engine electronic
EN16	Battery positive 2
EN17	Water temperature sensor
EN18	Exhaust bypass valve
EN21	Injector 4
EN22	Front oxygen sensor
EN27	Engine oil pressure switch
EN28	Engine controller
EN29	Engine
EN30	Camshaft sensor
EN31	Knock sensor

Engine wiring harness plug description-2.0T

Engine ECU-E end (EN12)



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Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	ME03	0.75 WL	Injector 1 control
4	ME04	0.75 WY	Injector 3 control
5	-	-	Unused
6	-	-	Unused
7	ME07	0.75 WB	Injector 4 control
8	ME08	0.75 WG	Injector 2 control
9	ME09	0.75 BY	Emissions control valve control
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused

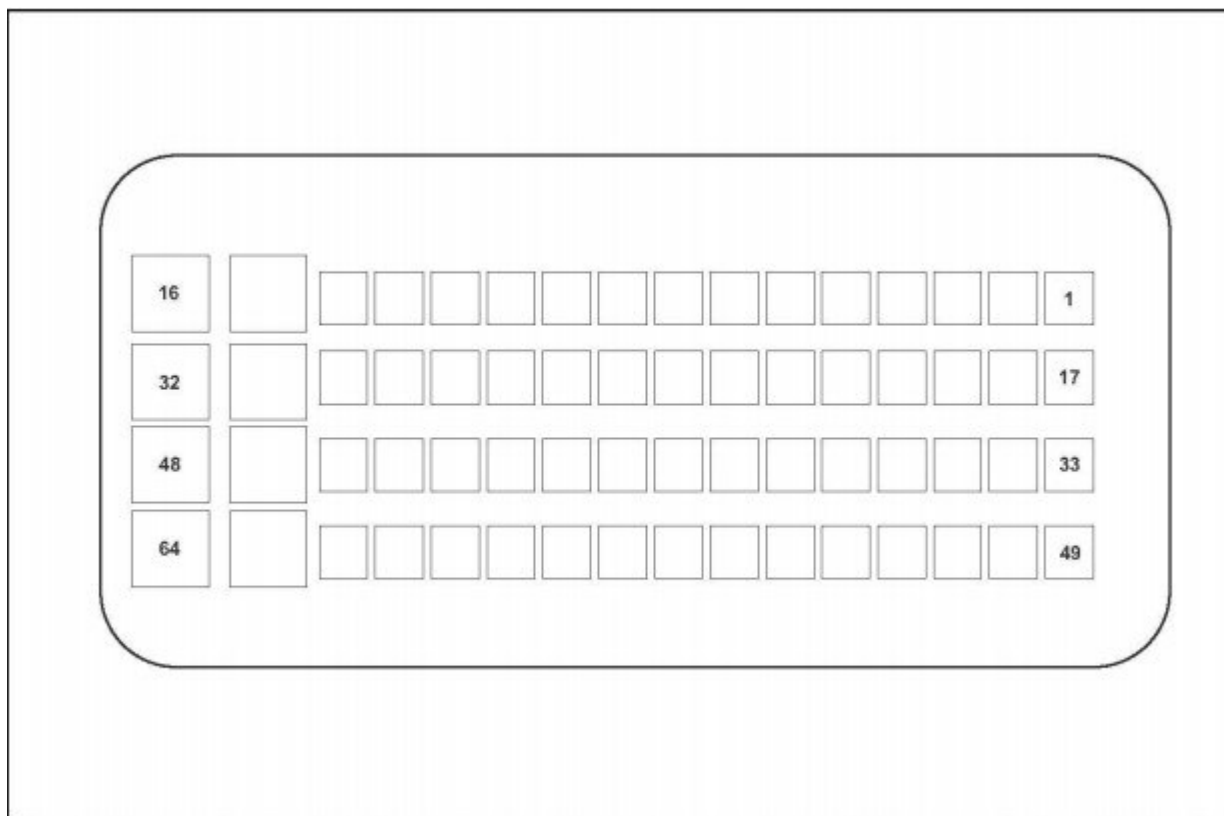
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	ME14	0.75 Br	Electronic throttle valve signal2
15	-	-	Unused
16	ME16	0.5 P	Electronic throttle valve signal1
17	-	-	Unused
18	ME18	0.35 R	Supercharging pressure sensor temperature signal
19	-	-	Unused
20	ME20	0.35 GR	Coolant temperature sensor feedback
21	ME21	0.35 BrY	Phase sensor feedback
22	ME22	0.35 Gr	Front oxygen sensor signal
23	ME23	0.75 GW	Electronic throttle valve idle stepper motor-
24	ME24	0.75 LW	Electronic throttle valve idle stepper motor+
25	ME25	0.35 G	Knock sensor high
26	-	-	Unused
27	-	-	Unused
28	ME28	0.35 GrG	Supercharging pressure sensor pressure signal
29	-	-	Unused
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	ME33	0.35 W	Crankshaft sensor location signal
34	-	-	Unused
35	ME35	0.75 Y	Ignition coil (1 st cylinder) control
36	ME36	0.75 W	Ignition coil (3 rd cylinder) control
37	ME37	0.35 Y	Knock sensor low
38	ME38	0.35 Br	Sensor reference voltage 1
39	ME39	0.75 O	Electronic throttle valve 5V reference voltage
40	-	-	Unused
41	ME41	0.75 GrL	Front oxygen sensor temperature signal

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
42	-	-	Unused
43	ME43	0.75 GrW	Manifold pressure sensor signal
44	-	-	Unused
45	ME45	0.75 WO	Sensor reference voltage 2
46	ME46	0.35 PW	Reference voltage grounding
47	ME47	0.75 RB	Ignition coil (4 th cylinder) control
48	ME48	0.75 RW	Ignition coil (2 nd cylinder) control

Engine ECU-C end (EN13)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	MC02	0.5 RY	Battery power supply
3	MC03	0.75 BY	canister control valve control
4	MC04	0.35 RL	Fan relay (low speed)
5	MC05	0.35 RG	Fan relay (high speed)
6	-	-	Unused
7	MC07	0.35 WY	Vacuum pump relay
8	-	-	Unused
9	MC09	0.35 RB	Compressor relay
10	MC10	0.35 YG	Clutch switch signal
11	MC11	0.35 L	CAN_L
12	MC12	0.35 G	CAN_H
13	MC13	0.35 GrL	Rear oxygen sensor heating control
14	MC14	0.75 GrG	Main relay

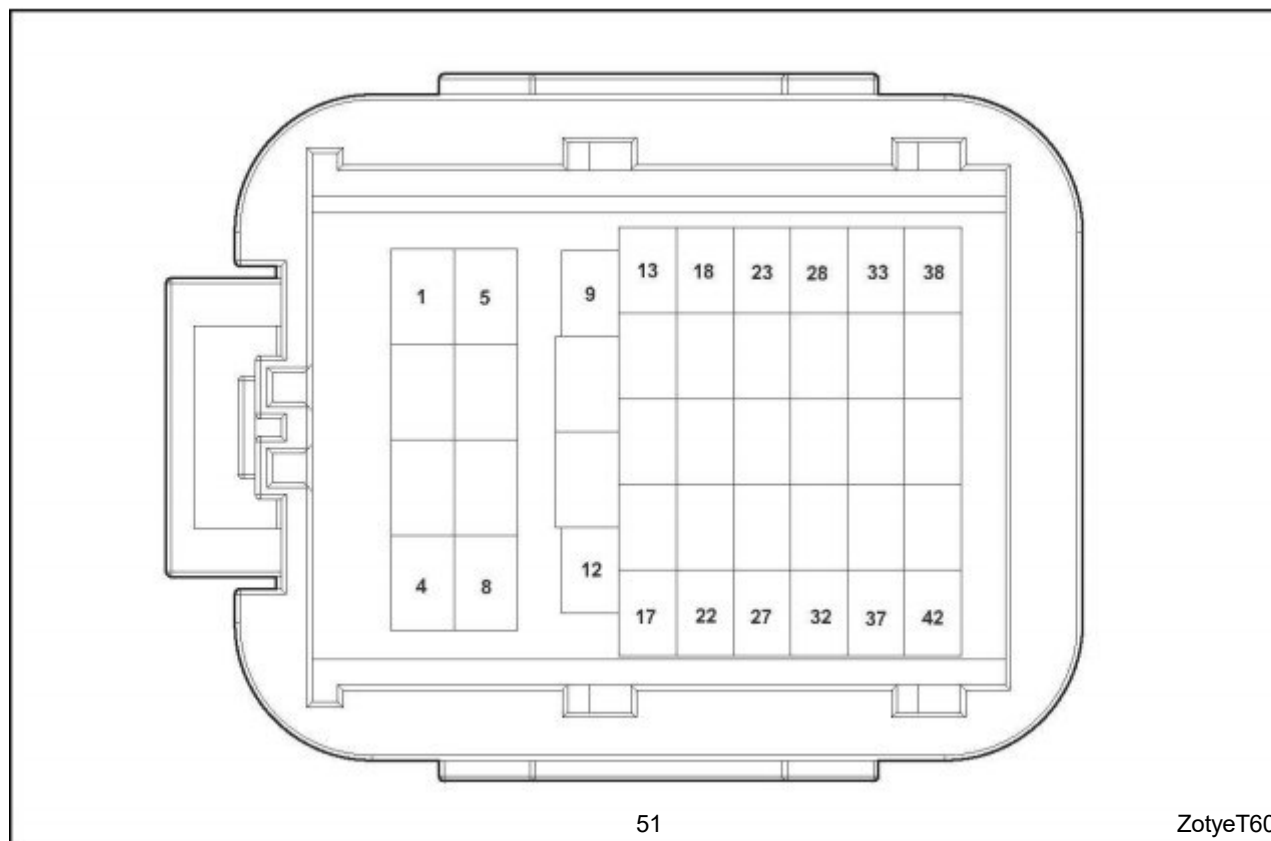
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	MC15	0.75 RL	Power supply through main relay
16	-	-	Unused
17	MC17	0.5 Y	Diagnostic interface K line
18	MC18	0.35 YB	Brake switch normally open signal
19	MC19	0.35 GW	Air condition pressure switch high and low pressure signal
20	-	-	Unused
21	-	-	Unused
22	-	-	Unused
23	-	-	Unused
24	-	-	Unused
25	MC25	0.5 YR	Brake switch normally closed signal
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	-	-	Unused
30	-	-	Unused
31	MC31	0.75 RL	Power supply through main relay
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	MC35	0.35 YB	Electronic accelerator pedal sensor location signal1
36	-	-	Unused
37	MC37	0.35 G	Sensor reference voltage 2
38	MC38	0.35 BrB	Braking vacuum sensor signal
39	-	-	Unused
40	-	-	Unused
41	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
42	MC42	0.35 Gr	Rear oxygen sensor signal
43	-	-	Unused
44	-	-	Unused
45	-	-	Unused
46	-	-	Unused
47	MC47	0.75 B	Engine ECU power low
48	MC48	0.75 B	Engine ECU power low
49	MC49	0.35 Y	Sensor reference voltage grounding
50	MC50	0.35 L	Sensor reference voltage grounding
51	MC51	0.35 R	Sensor reference voltage 2
52	-	-	Unused
53	MC53	0.35 YL	Air condition pressure switch medium pressure signal
54	-	-	Unused
55	-	-	Unused
56	-	-	Unused
57	-	-	Unused
58	MC58	0.5 YB	Sensor control
59	-	-	Unused
60	MC60	0.35 RY	Oil pump relay
61	MC61	0.35 LB	Electronic accelerator pedal sensor location signal 2
62	-	-	Unused
63	MC63	0.5 RW	Battery power supply
64	MC64	0.75 B	Engine ECU power low

Front cabin harness connector (EN10)

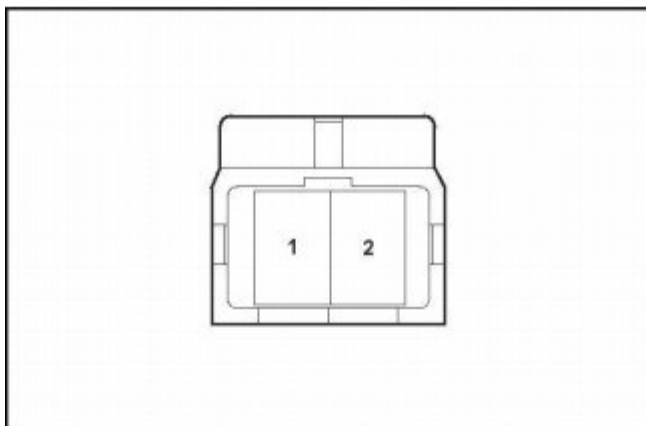


Terminals no.	Wire size	Wire diameter / color	Function
1	M190	0.75 WR	Ignition coil power supply
2	M140	1.0 RL	Emissions control valve power supply
3	BT10B	2.5 R	Starter power supply
4	-	-	Unused
5	M131	0.75 RB	Front oxygen sensor power supply
6	M701	0.75 GW	Compressor power supply
7	-	-	Unused
8	M191	1.0 RY	Injector power supply
9	MC07	0.35 WY	Vacuum pump relay
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	MC61	0.35 LB	Electronic accelerator pedal sensor location signal2
14	-	-	Unused
15	MC18	0.35 YB	Brake switch normally open signal
16	MC02	0.5 RY	Battery power supply
17	MC17	0.35 V	Diagnostic interface K line
18	MC49	0.35 Y	Sensor reference voltage grounding2

Arrangement of harness and plug instructions

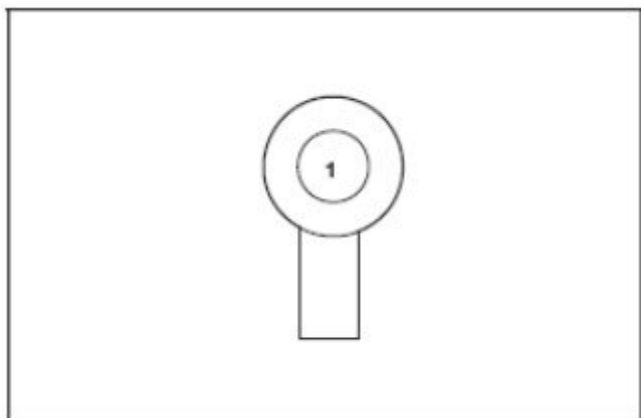
Terminals no.	Wire size	Wire diameter / color	Function
19	MC58	0.5 YB	Sensor control
20	MC25	0.35 YR	Brake switch normally closed signal
21	M157	0.5 R	ON gear power supply
22	I16	0.35 W	Instrument charging indicator signal
23	MC37	0.35 G	Sensor reference voltage grounding2
24	MC38	0.35 BrB	Braking vacuum sensor signal
25	MC19	0.35 GW	Air condition pressure switch high and low pressure signal
26	MC13	0.35 GrL	Rear oxygen sensor heating control
27	I09	0.5 GrB	Engine oil low alarm signal
28	MC10	0.35 YG	Clutch switch signal
29	MC35	0.35 YB	Electronic accelerator pedal sensor location signal1
30	MC63	0.5 RW	Battery power supply
31	MC42	0.35 Gr	Rear oxygen sensor signal
32	-	-	Unused
33	MC53	0.35 YL	Air condition pressure switch medium pressure signal
34	MC51	0.35 R	Sensor reference voltage 2
35	MC09	0.35 RY	Compressor relay
36	MC14	0.35 RW	Main relay
37	MC12	0.35 G	CAN_H
38	MC04	0.35 RG	Fan relay (low speed)
38	MC50	0.35 BrR	Sensor reference voltage grounding
40	MC60	0.35 RB	Oil pump relay
41	MC05	0.35 RL	Fan relay (high speed)
42	MC11	0.35 L	CAN_L

Knock sensor (EN31)



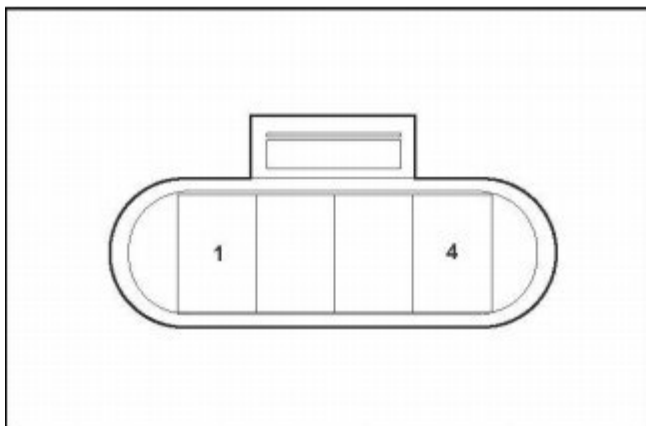
Terminals no.	Wire size	Wire diameter / color	Function
1	ME25	0.5 YR	Knock sensor high
2	ME37	0.35 G	Knock sensor low

Engine (EN29)



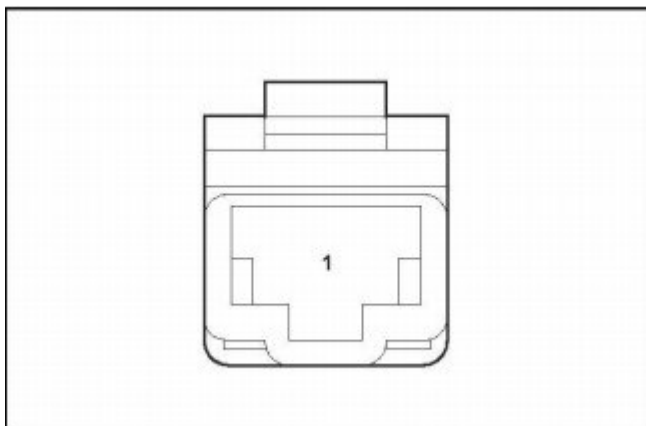
Terminals no.	Wire size	Wire diameter / color	Function
1	BT02	16.0 R	Generate electricity of engine

Engine controller (EN28)



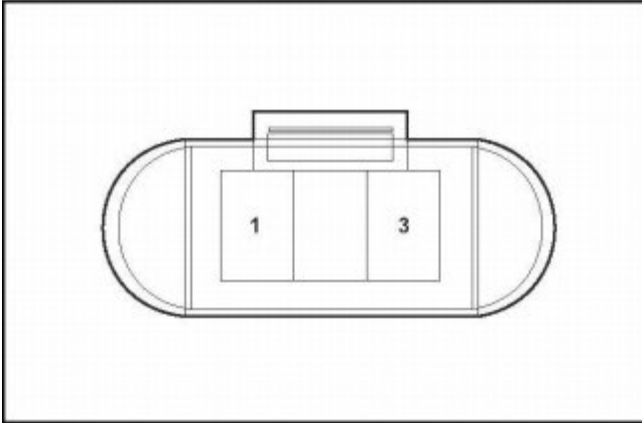
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	I16	0.35 W	Charging indicator
3	M157	0.5 R	ON gear power supply
4	-	-	Unused

Engine oil pressure switch (EN27)



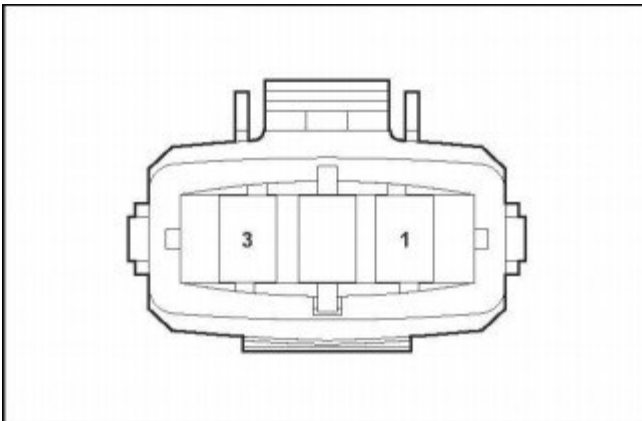
Terminals no.	Wire size	Wire diameter / color	Function
1	I09	0.5 GrB	Engine oil pressure low alarm signal

Water temperature sensor (EN17)



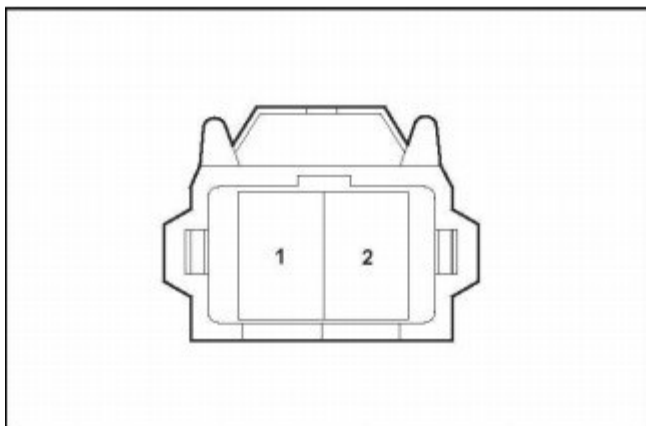
Terminals no.	Wire size	Wire diameter / color	Function
1	ME20	0.35 GR	Coolant temperature sensor feedback
2	-	-	Unused
3	ME46A	0.35 PW	reference voltage grounding

Camshaft sensor (EN30)



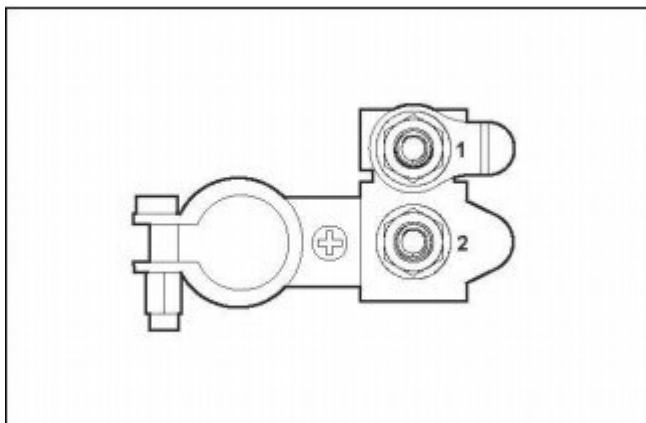
Terminals no.	Wire size	Wire diameter / color	Function
1	ME39A	0.75 O	Sensor reference voltage grounding1
2	ME45A	0.75 WO	Sensor reference voltage 2
3	ME21	0.35 BrY	Camshaft sensor feedback

Exhaust bypass valve (EN18)



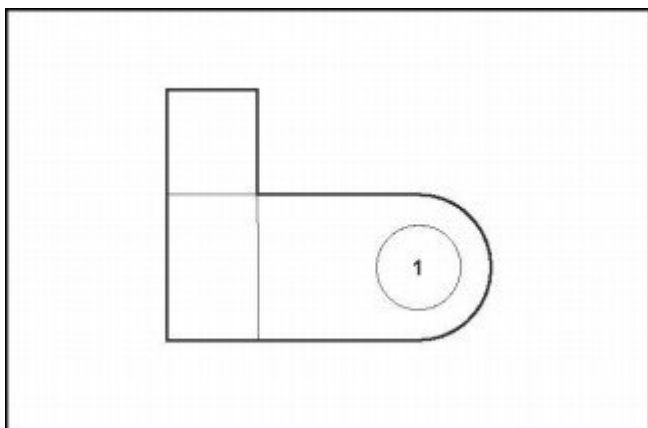
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15I	0.75 WR	Power supply through main relay
2	ME09	0.75 BY	Emissions control valve control

电瓶 positive pole2 (EN16)



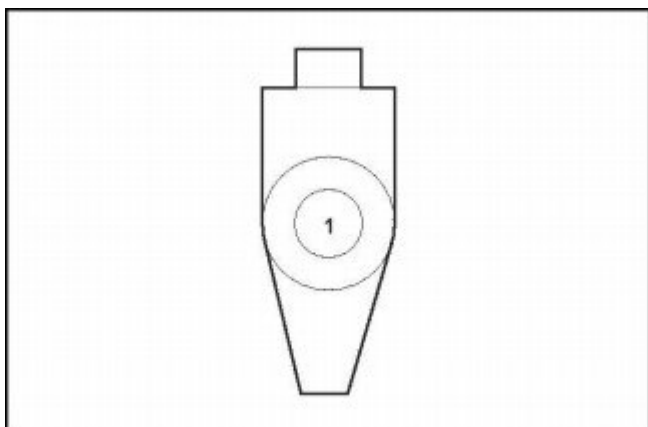
Terminals no.	Wire size	Wire diameter / color	Function
1	BT01	16.0 R	Generate electricity of engine
2	BT03	16.0 R	Starter normally power supply

Front 舱 Electrical box power supply (EN14)



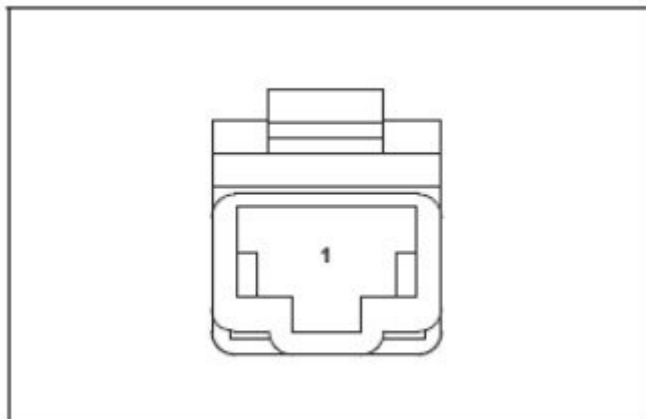
Terminals no.	Wire size	Wire diameter / color	Function
1	BT01	16.0 R	Battery power supply (B+)

Electrical box engine electronic (EN15)



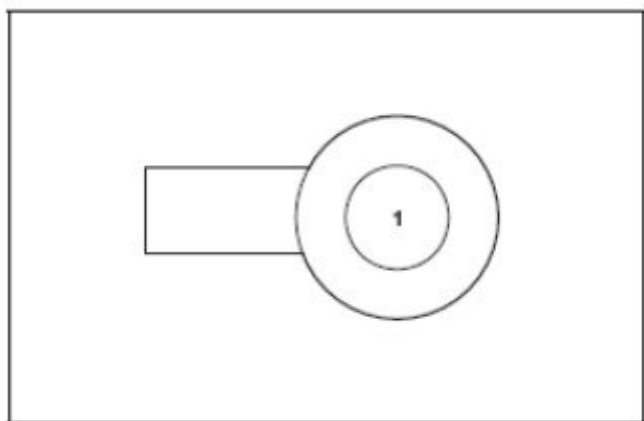
Terminals no.	Wire size	Wire diameter / color	Function
1	BT02	16.0 R	Generate electricity of engine

Starter field (EN19)



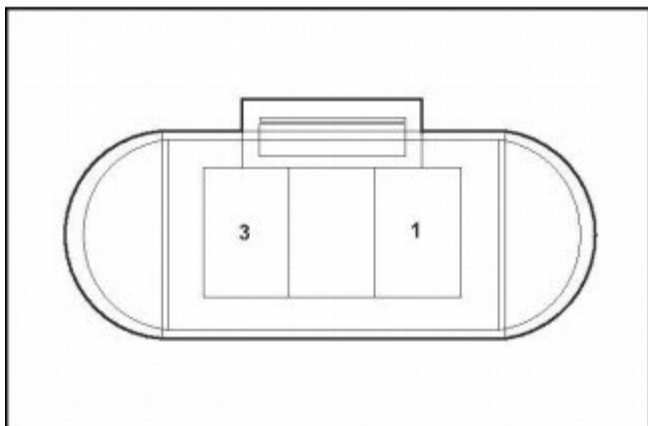
Terminals no.	Wire size	Wire diameter / color	Function
1	BT10B	2.5 R	Starter power supply

Starter (EN20)



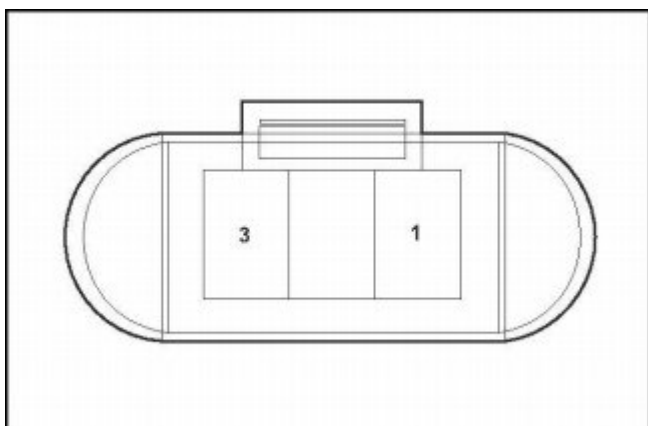
Terminals no.	Wire size	Wire diameter / color	Function
1	BT03	16.0 R	Battery power supply

Ignition coil 4 (EN09)



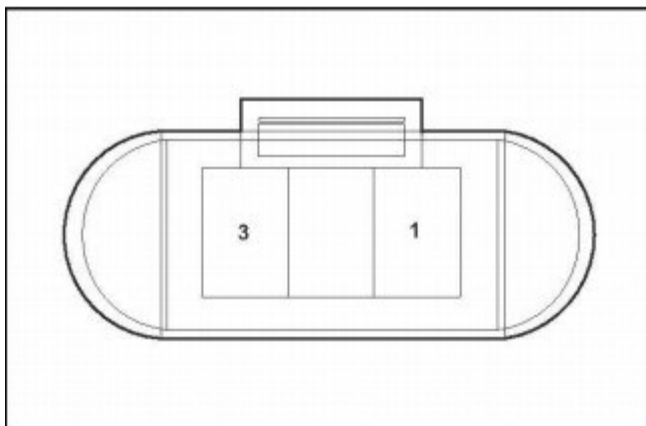
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15A	0.75 RY	Power supply through main relay
2	G1001A	0.75 B	grounding
3	ME47	0.75 RB	Ignition coil (4 th cylinder) control

Ignition coil3 (EN08)



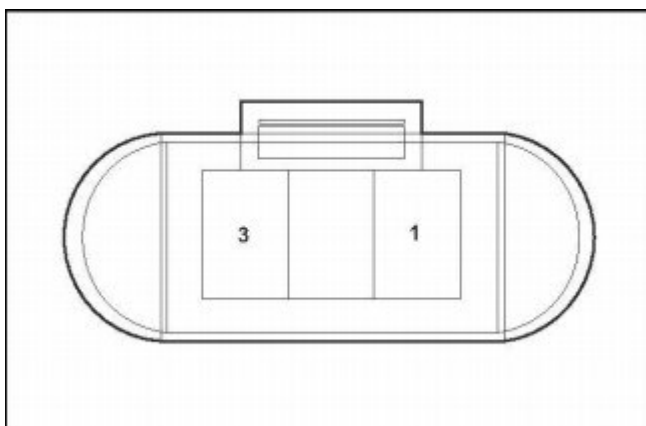
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15B	0.75 RY	Power supply through main relay
2	G1001B	0.75 B	Grounding
3	ME36	0.75 W	Ignition coil (3 rd cylinder) control

Ignition coil 2 (EN06)



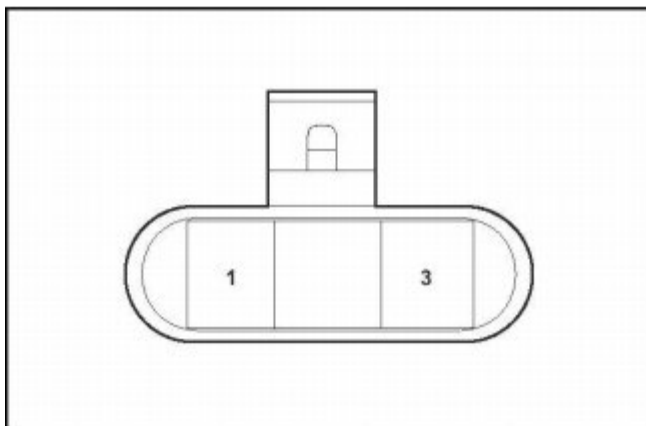
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15C	0.75 RY	Power supply through main relay
2	G1001C	0.75 B	Grounding
3	ME48	0.75 RW	Ignition coil (2 nd cylinder) control

Ignition coil1 (EN25)



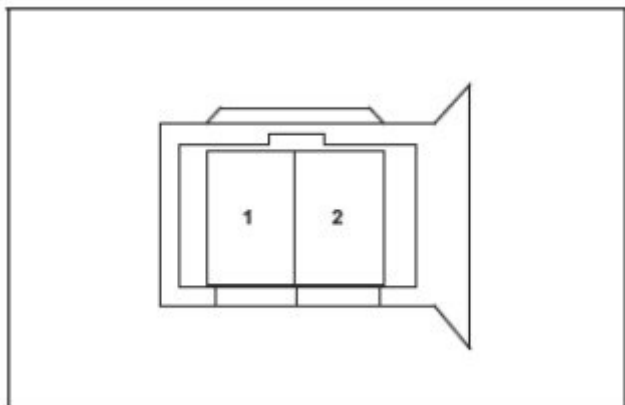
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15D	0.75 RY	Power supply through main relay
2	G1001D	0.75 B	grounding
3	ME35	0.75 Y	Ignition coil (1 st cylinder) control

Manifold pressure sensor (EN04)



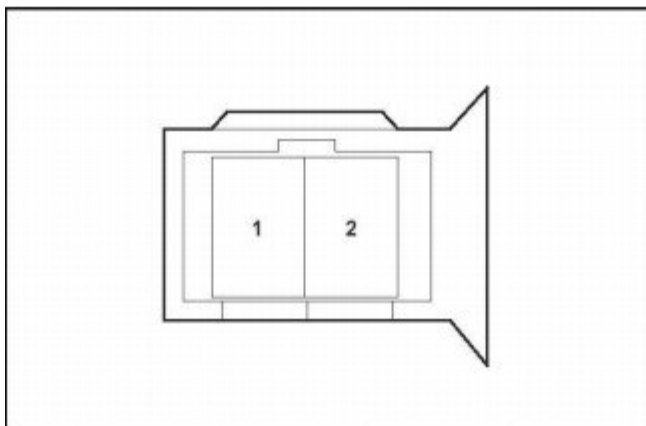
Terminals no.	Wire size	Wire diameter / color	Function
1	ME39C	0.75 O	Sensor reference voltage grounding 1
2	ME45C	0.75 WO	Sensor reference voltage 2
3	ME43	0.75 GrW	Manifold pressure sensor signal

Injector 4 (EN21)



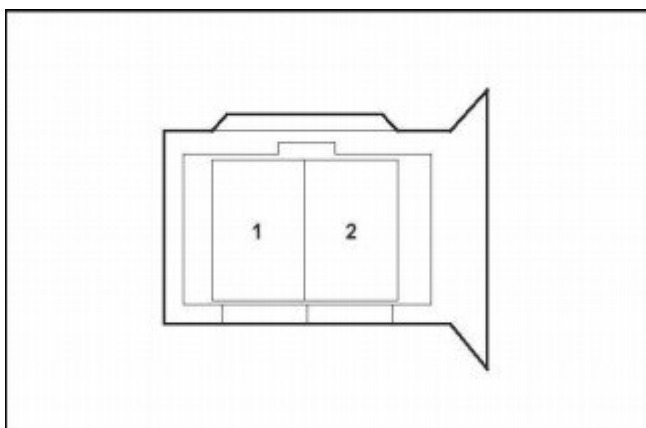
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15H	0.75 WR	Power supply through main relay
2	ME07	0.75 WB	Injector 4 control

Injector 3 (EN07)



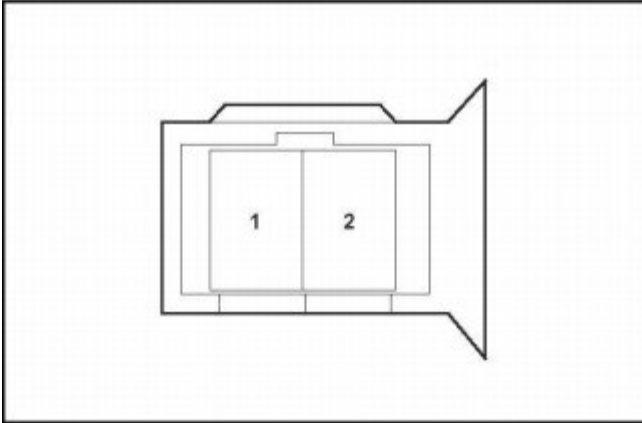
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15G	0.75 WR	Power supply through main relay
2	ME04	0.75 WY	Injector 3 control

Injector 2 (EN05)



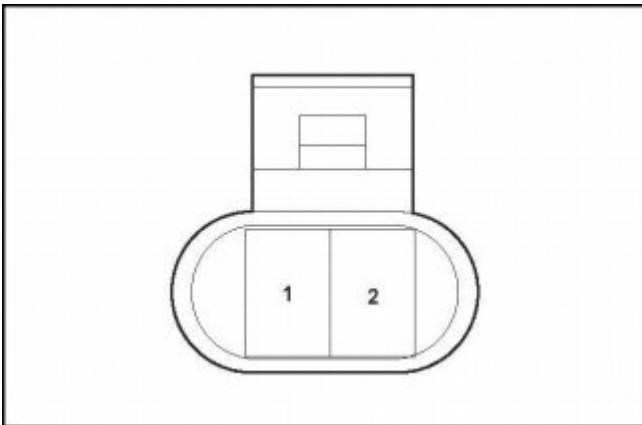
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15F	0.75 WR	Power supply through main relay
2	ME08	0.75 WG	Injector 2 control

Injector 1 (EN26)



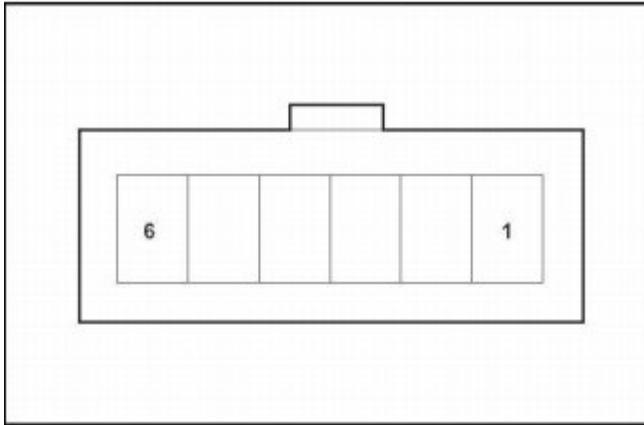
Terminals no.	Wire size	Wire diameter / color	Function
1	MC15E	0.75 WR	Power supply through main relay
2	ME03	0.75 WL	Injector 1 control

Connect canister control valve (EN03)



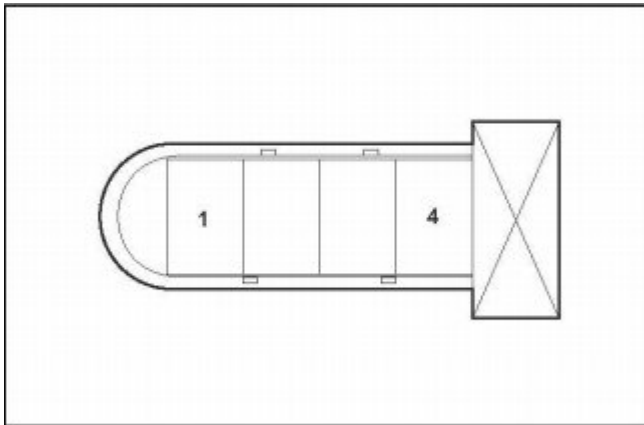
Terminals no.	Wire size	Wire diameter / color	Function
1	MC03	0.75 BY	canister control valve control
2	M140A	0.75 RL	canister control valve power supply

Electronic throttle valve (EN01)



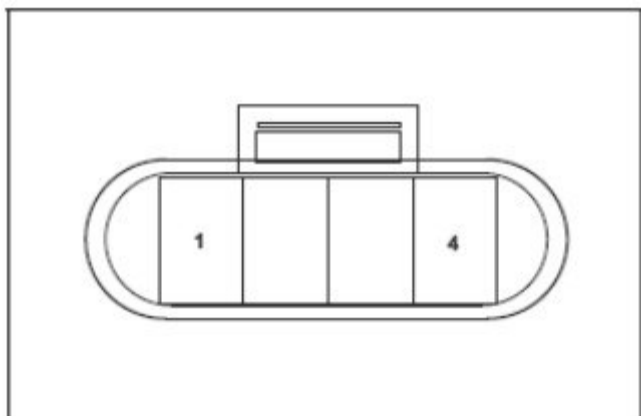
Terminals no.	Wire size	Wire diameter / color	Function
1	ME23	0.75 GW	Electronic throttle valve idle stepper motor-
2	ME24	0.75 LW	Electronic throttle valve idle stepper motor+
3	ME16	0.5 P	Electronic throttle valve signal1
4	ME45B	0.75 WO	Sensor reference voltage 2
5	ME39B	0.75 O	Electronic throttle valve 5V reference voltage
6	ME14	0.75 Br	Electronic throttle valve signal2

Supercharging pressure and temperature sensor (EN02)



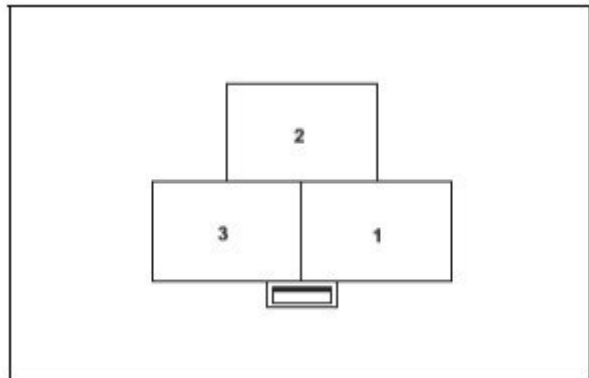
Terminals no.	Wire size	Wire diameter / color	Function
1	ME46C	0.35 PW	Reference voltage grounding
2	ME18	0.35 R	Supercharging pressure sensor temperature signal
3	ME38A	0.35 Br	Sensor reference voltage 1
4	ME28	0.35 GrG	Supercharging pressure sensor pressure signal

Front oxygen sensor (EN22)



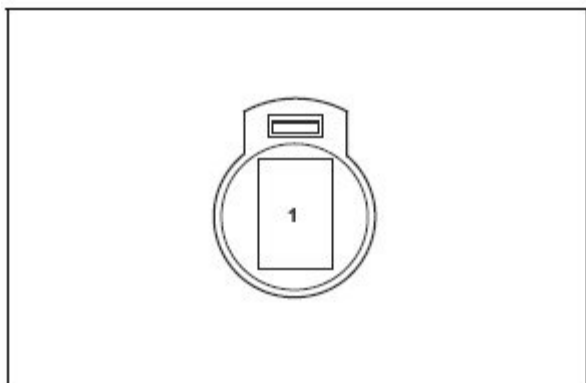
Terminals no.	Wire size	Wire diameter / color	Function
1	ME46B	0.35 PW	Reference voltage grounding
2	ME22	0.35 Gr	Front oxygen sensor signal
3	ME41	0.75 GrL	Front oxygen sensor temperature signal
4	M131	0.75 RB	Front oxygen sensor power supply

Crankshaft sensor (EN24)



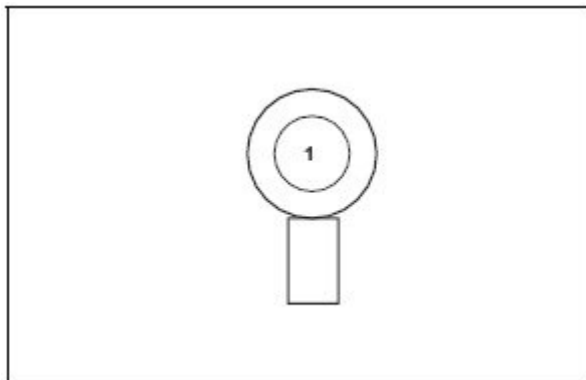
Terminals no.	Wire size	Wire diameter / color	Function
1	ME33	0.35 W	Crankshaft sensor location signal
2	ME38B	0.35 Br	Sensor reference voltage 1
3	ME46D	0.35 PW	Reference voltage grounding

Compressor (EN23)



Terminals no.	Wire size	Wire diameter / color	Function
1	M701	0.75 GW	Compressor power supply

Grounding 1 (EN11)



Terminals no.	Wire size	Wire diameter / color	Function
1	MC47	0.75 B	See “grounding point function and distribution”
	MC48	0.75 B	
	MC64	0.75 B	
	G1001	0.75 B	

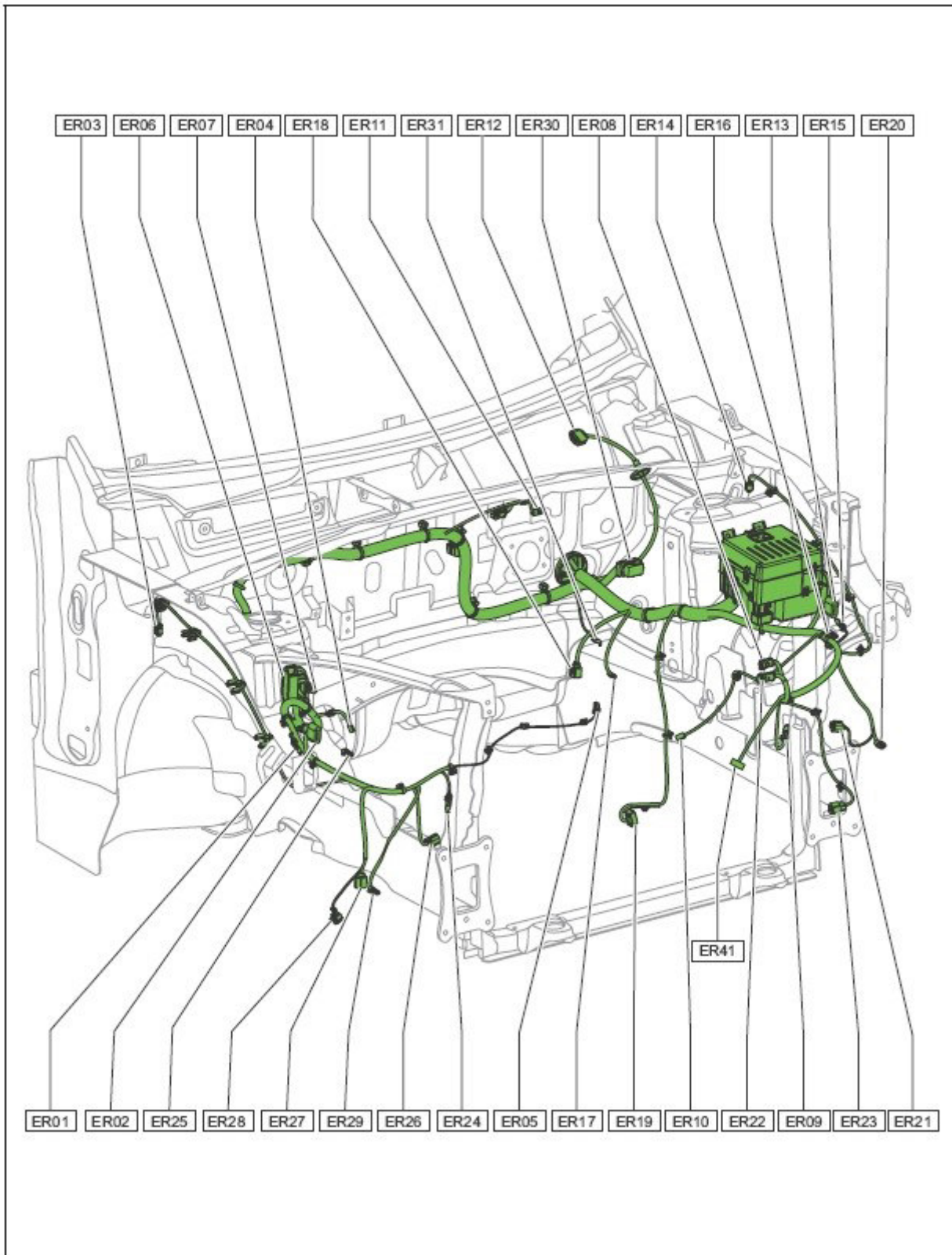
Engine room wiring harness- Left view



Engine room wiring harness-Left view plug definition

Plug code	Connected electrical equipment
ER01	Bonding (G1009)
ER02	Front right combination lamps
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Reverse switch
ER11	Brake fluid level sensor
ER12	Front wiper motor
ER13	Front left combinatory lamp
ER14	Front left wheel speed sensor
ER15	Bonding 2 (G1004)
ER16	Front left steering lamp
ER17	Braking vacuum sensor
ER18	Vacuum pump
ER19	Front vehicle height sensor
ER20	Front left fog lamp
ER21	Front left horn
ER22	Left electronic fan
ER23	Outdoor temperature sensor
ER24	Bonding (G1008)
ER25	Front right steering lamp
ER26	Front right horn
ER27	Headlamp washmotor
ER28	Air window washmotor
ER29	Front right fog lamp
ER41	Connect front harness

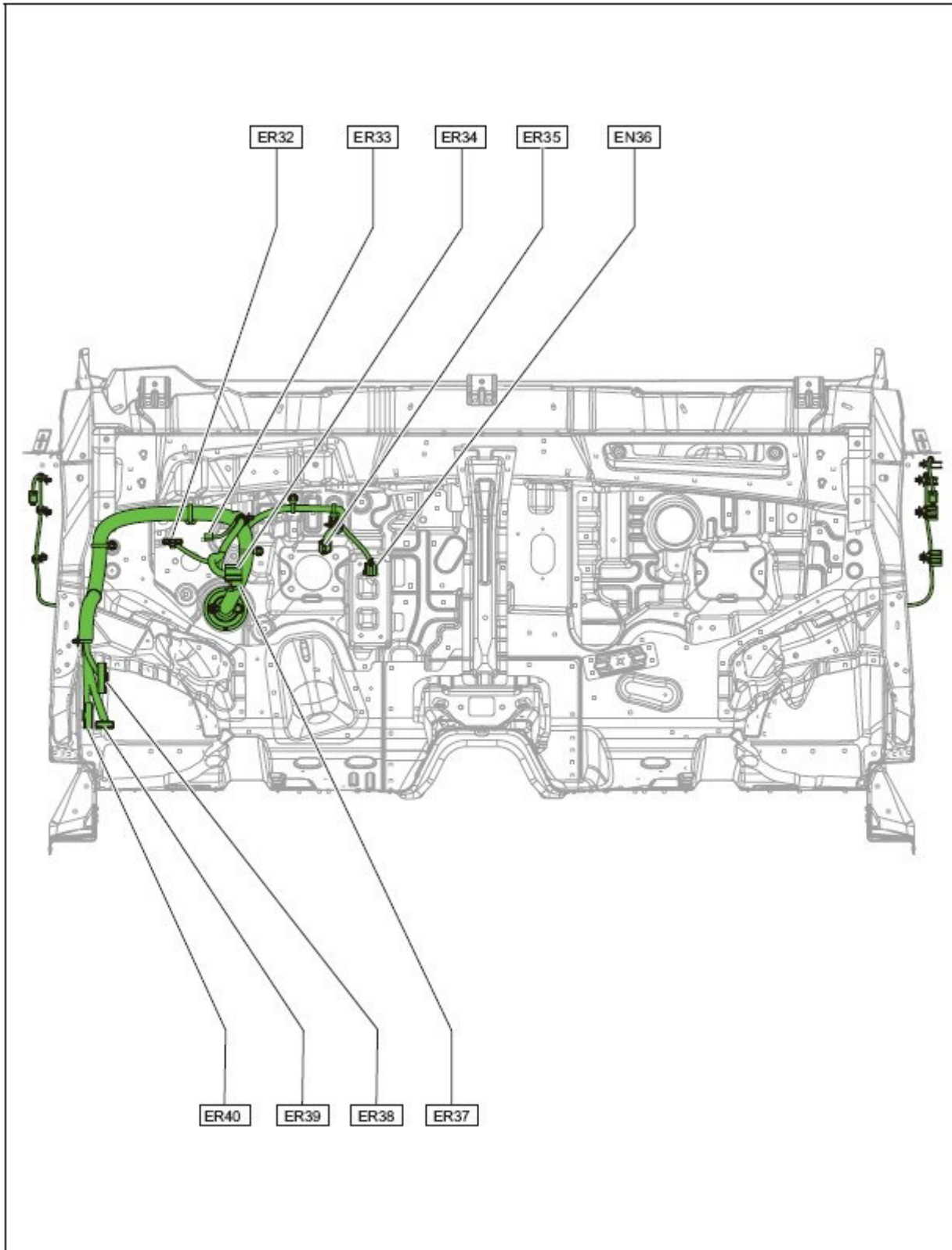
Engine room wiring harness- Right view



Engine room wiring harness- Right view plug definition

Plug code	Connected electrical equipment
ER01	Bonding (G1009)
ER02	Front right combination lamps
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Reverse switch
ER11	Brake fluid level sensor
ER12	Front wiper motor
ER13	Front left combinatory lamp
ER14	Front left wheel speed sensor
ER15	Bonding 2 (G1004)
ER16	Front left steering lamp
ER17	Braking vacuum sensor
ER18	Vacuum pump
ER19	Front vehicle height sensor
ER20	Front left fog lamp
ER21	Front left horn
ER22	Left electronic fan
ER23	Outdoor temperature sensor
ER24	Bonding (G1008)
ER25	Front right steering lamp
ER26	Front right horn
ER27	Headlamp washmotor
ER28	Air window washmotor
ER29	Front right fog lamp
ER30	Connect engine wiring harness
ER31	Bonding (G1005)
ER41	Connect front harness

Engine room wiring harness-back

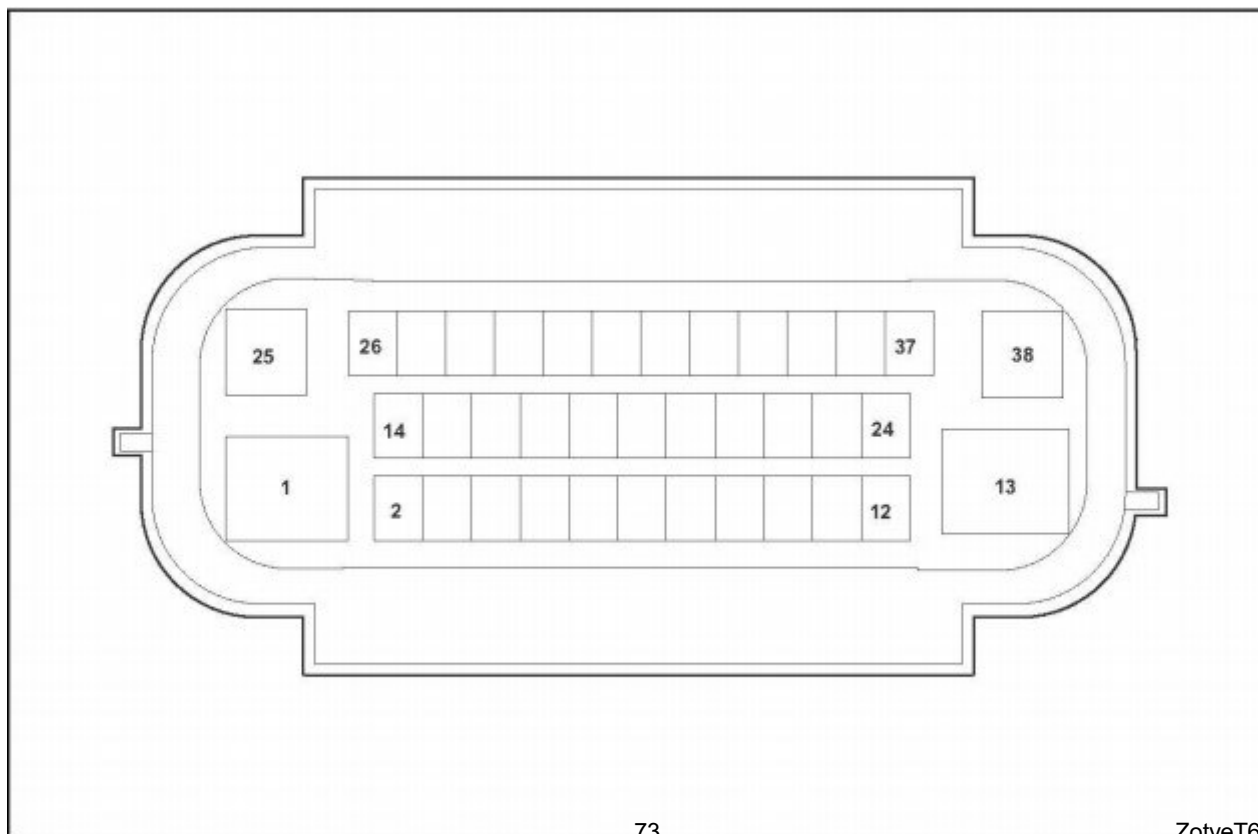


Engine room wiring harness-end plug definition

Plug code	Connected electrical equipment
ER32	Connect the electrical box of instrument box
ER33	Clutch switch
ER34	EPS controller_ signal end
ER35	Brake switch
ER36	Electronic accelerator pedal
ER37	EPS controller_ power supply end
ER38	Connect instrument panel wiring harness plug A
ER39	Connect instrument panel wiring harness plug B
ER40	Connect floor harness

Engine room wiring harness plug description

ABS/ESC controller (ER06)



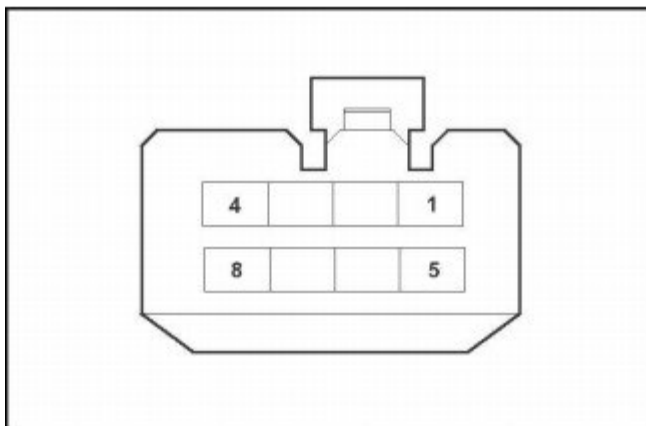
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ZotyeT600

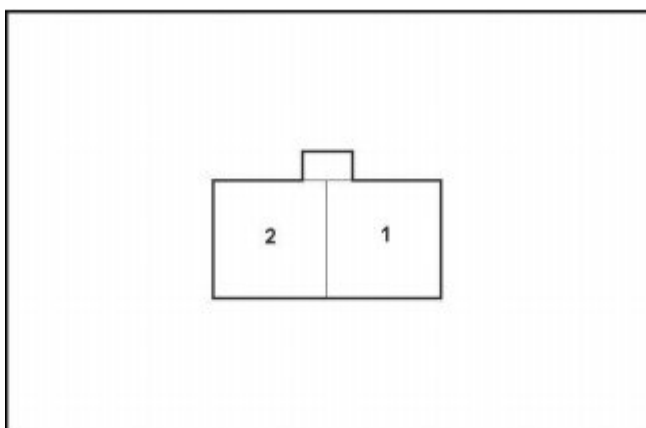
Terminals no.	Wire size	Wire diameter / color	Function
1	A01	4.0 R	Motor normally power supply
2	-	-	Unused
3	-	-	Unused
4	A12	0.5 V	ESC switch signal
5	-	-	Unused
6	-	-	Unused
7	AC26	0.35 G	CAN_H
8	AC14	0.35 L	CAN_L
9	A19	0.35 LW	Front left wheel speed sensor power supply
10	A16	0.35 LO	Front right wheel speed sensor power supply
11	A31	0.35 GrY	Rear left wheel speed sensor power supply
12	A17	0.35 WY	Rear left wheel speed power supply
13	G1010	4.0 B	Motor grounding

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	A28	0.5 RY	ON gear power supply
19	AC26A	0.35 G	CAN_H
20	AC14A	0.35 L	CAN_L
21	A08	0.35 BrR	Front left wheel speed sensor signal
22	A04	0.35 Y	Front right wheel speed sensor signal
23	A18	0.35 W	Rear left wheel speed sensor signal
24	A29	0.35 LgB	Rear right wheel speed sensor signal
25	A25	2.5 Gr	Valve normally power supply
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	-	-	Unused
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	G1010A	2.5 B	Valve grounding

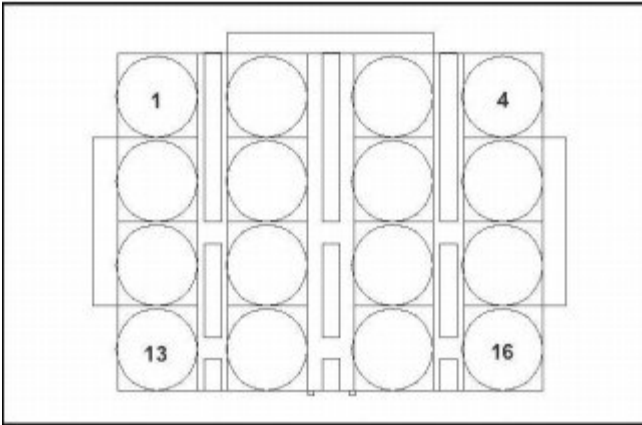
EPS controller_ signal end (ER34)

Terminals no.	Wire size	Wire diameter / color	Function
1	A28C	0.5 RY	ON gear power supply
2	ES02	0.5 G	CAN_H
3	ES03	0.5 L	CAN_L
4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused

EPS controller_ power supply end (ER37)

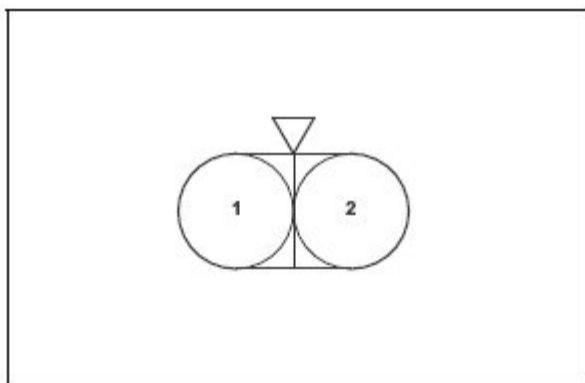
Terminals no.	Wire size	Wire diameter / color	Function
1	EP02	8.0 R	Battery normally power supply
2	G1005	8.0 B	Grounding

Connect front harness (ER41)



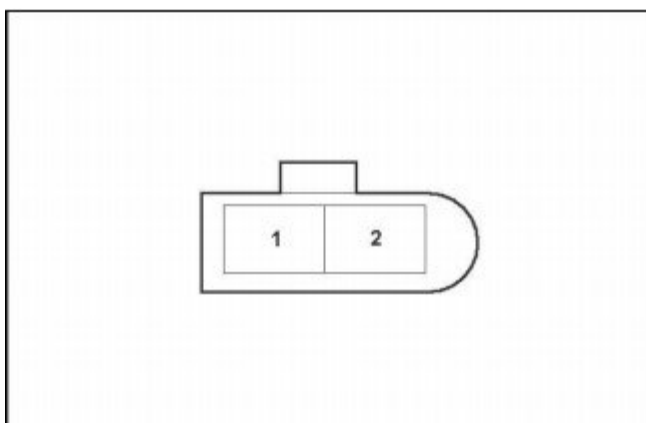
Terminals no.	Wire size	Wire diameter - color	Function
1	B215	0.75 GY	Front fog lamp power supply
2	G1004	0.75 B	grounding
3	-	-	Unused
4	-	-	Unused
5	LA03	0.35 W	Front right radar sensor signal
6	LA04	0.35 O	Middle right radar sensor signal
7	LA05	0.35 V	Middle left sensor signal
8	LA06	0.35 YBr	Front left radar sensor signal
9	LB04	0.35 BrW	Sensor power supply
10	LB08	0.35 BrB	Sensor grounding
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Headlamp washmotor (ER27)



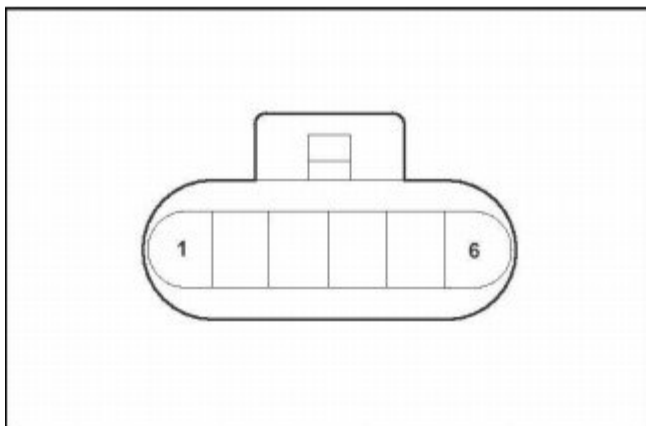
Terminals no.	Wire size	Wire diameter / color	Function
1	JD02	2.5 W	Motor power supply
2	G1008A	2.5 B	Motor grounding

Reverse switch (ER10)



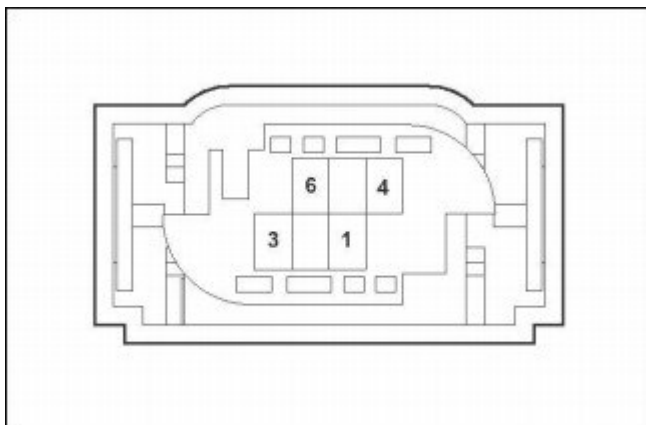
Terminals no.	Wire size	Wire diameter / color	Function
1	N01	0.5 Y	ON gear power supply
2	LA10A	0.5 YB	Back-up switch signal

Electronic accelerator pedal (ER36)



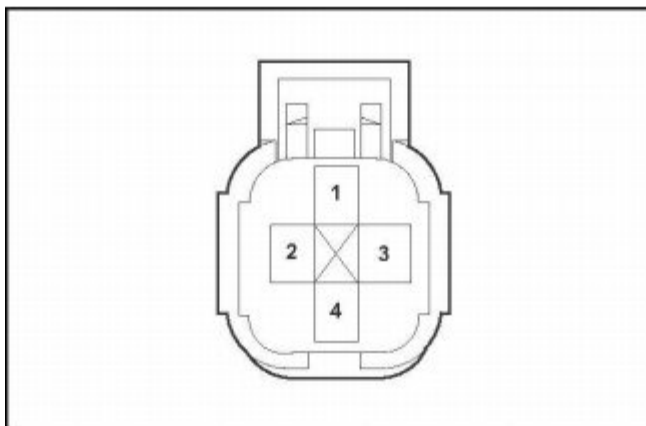
Terminals no.	Wire size	Wire diameter / color	Function
1	M40	0.35 LB	Accelerator pedal sensor location signal 2
2	M35B	0.35 Y	Sensor reference voltage grounding 2
3	M32E	0.35 G	Sensor reference voltage 2
4	M16	0.35 YB	Accelerator pedal sensor location signal 1
5	M36E	0.35 BrR	Sensor reference voltage grounding 1
6	M33C	0.35 R	Sensor reference voltage 1

Front vehicle height sensor (ER19)



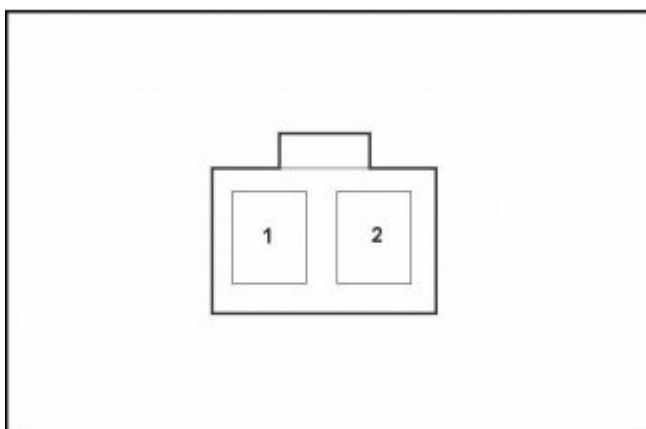
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	AL11C	0.35 BrG	ON gear power supply
3	AL09	0.35 BrW	Front height location sensor signal
4	-	-	Unused
5	-	-	Unused
6	G1004M	0.35 B	Grounding

Air condition pressure switch (ER04)



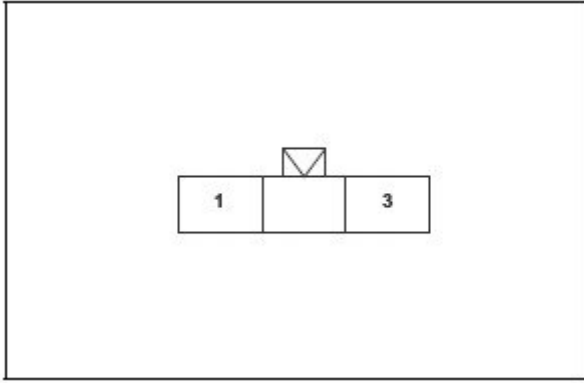
Terminals no.	Wire size	Wire diameter / color	Function
1	M157	0.35 R	ON gear power supply
2	M60	0.35 YL	Middle voltage switch signal
3	G1009E	0.35 B	grounding
4	M57	0.35 GW	High and low voltage signal

Clutch switch (ER33)



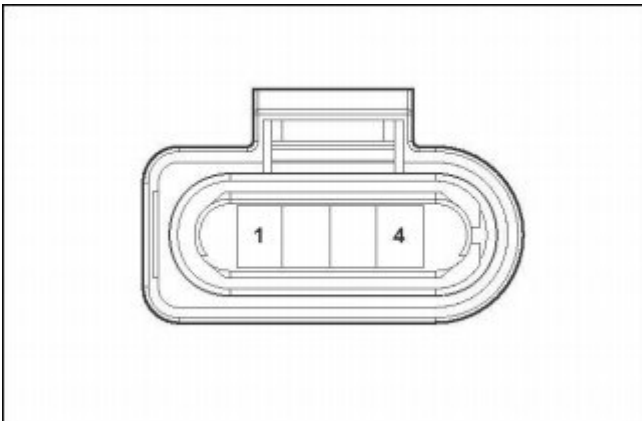
Terminals no.	Wire size	Wire diameter / color	Function
1	M74	0.35 YG	Switch signal
2	G1004N	0.35 B	Grounding

Front canopy signal switch (ER05)



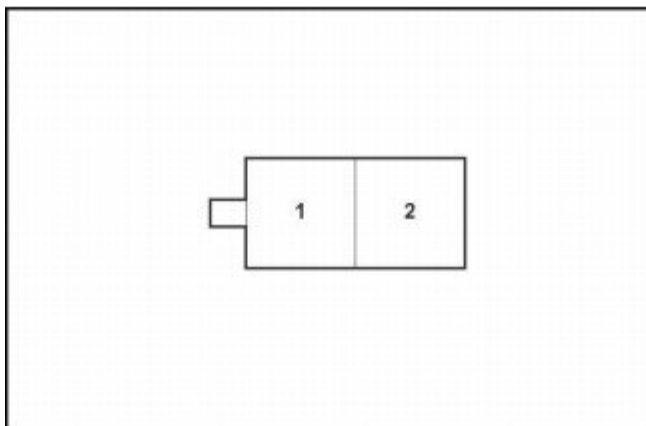
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	G1008C	0.5 B	Grounding
3	BE19	0.35 GrR	Switch signal

Front wiper motor (ER12)



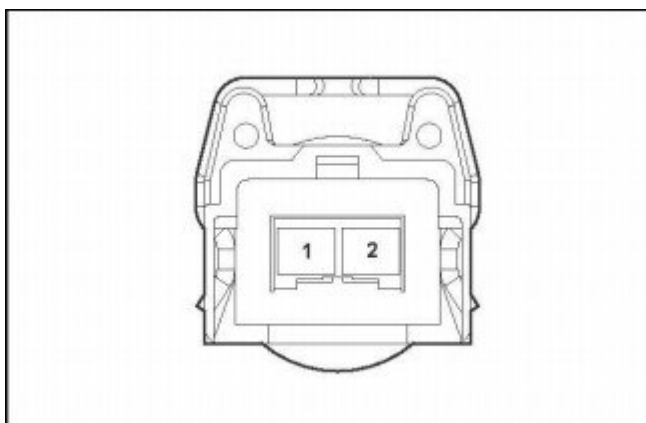
Terminals no.	Wire size	Wire diameter / color	Function
1	BB05	1.5 G	Front wiper motor (High speed) +
2	BB04	1.5 V	Front wiper motor (low speed) +
3	BE24	0.35 GW	Motor stop position signal
4	G1003B	1.5 B	Motor grounding

Outdoor temperature Sensor (ER23)



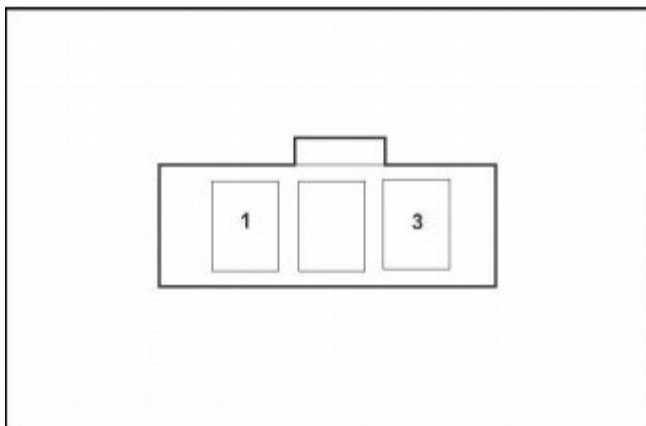
Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Sensor +
2	K09	0.35 B	Sensor -

Air window washmotor (ER28)



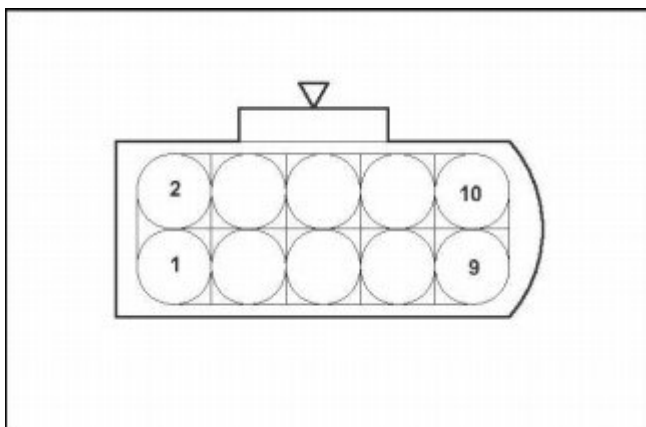
Terminals no.	Wire size	Wire diameter / color	Function
1	BC05	0.5 LY	Motor front washing+
2	BC11	0.5 YL	Motor rear washing+

Connect the electrical box of dashboard (ER32)



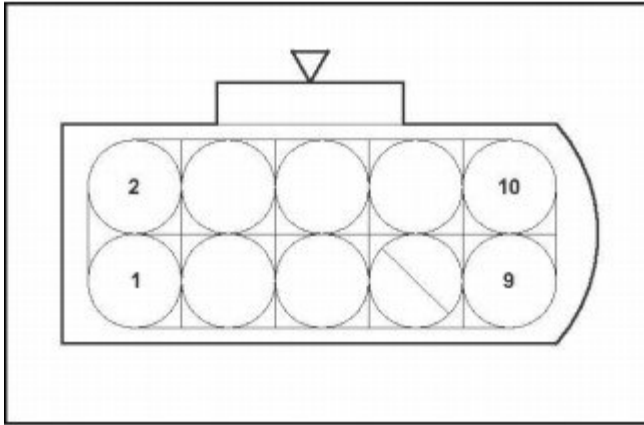
Terminals no.	Wire size	Wire diameter / color	Function
1	BT20	2.5 Br	Battery power supply through fuse FB26
2	BT07	2.5 R	Battery power supply through fuse SB06
3	BT11	6.0 RW	Battery power supply through fuse SB07

Front right combination lamps-xenon (ER02)



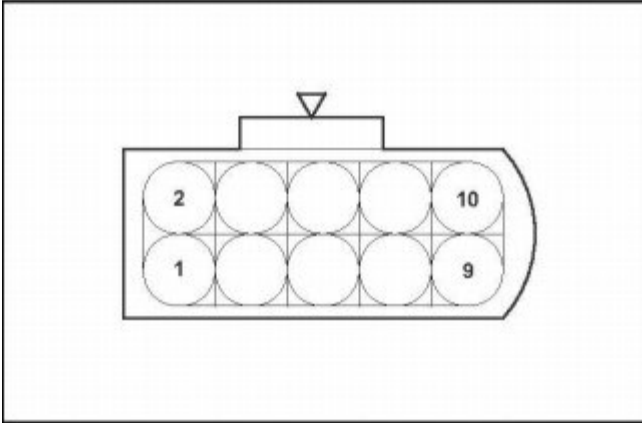
Terminals no.	Wire size	Wire diameter / color	Function
1	AL05	0.35 GY	Right regulating controller
2	C43	0.75 GW	Right high beam+
3	G1009C	0.75 B	Clearance lamp and low beam grounding
4	C44B	0.75 GW	Right low beam+
5	G1009B	0.5 B	Controller grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL06	0.35 LR	Headlamp height motor position signal
8	AL11A	0.35 BrG	Regulating controller power supply
9	G1009A	0.75 B	Lamp grounding
10	BC03H	0.5 GB	Clearance lamp+

Front right combination lamps-halogen (**ER02**)



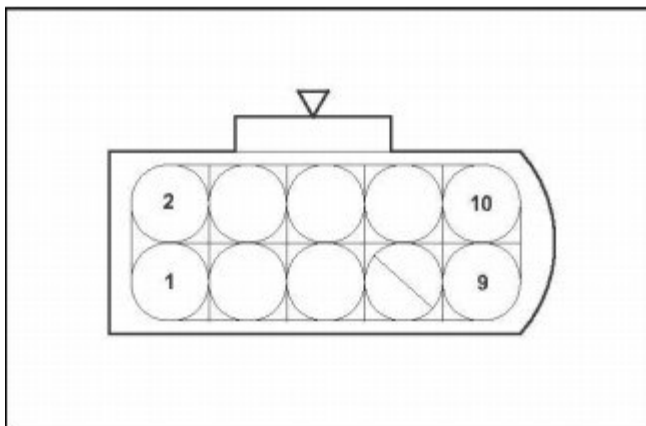
Terminals no.	Wire size	Wire diameter / color	Function
1	C45A	0.35 BY	Headlamp signal
2	C43	0.75 GW	Right high beam+
3	G1009C	0.75 B	Clearance lamp and low beam grounding
4	C44B	0.75 GW	Right low beam+
5	G1009B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	-	-	Unused
8	C44A	0.75 GW	Headlamp height regulator motor+
9	G1009A	0.75 B	Regulator motor grounding
10	BC03H	0.5 GB	Clearance lamp+

Front left combinatory lamp-Xenon (ER13)



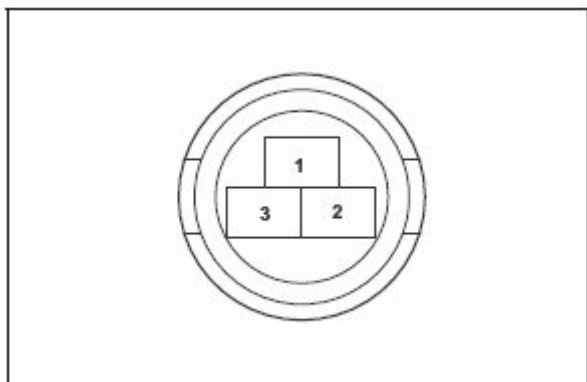
Terminals no.	Wire size	Wire diameter / color	Function
1	AL07	0.35 WL	Left adjustment controller+
2	C41	0.75 GR	Left high beam+
3	G1004C	0.75 B	Clearance lamp and low beam grounding
4	C42C	0.75 GL	Left low beam+
5	G1004B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL08	0.35 GR	Headlamp height motor position signal
8	AL11B	0.35 BrG	Regulator motor power supply
9	G1004A	0.75 B	Regulator motor grounding
10	BC03A	0.5 GB	Clearance lamp+

Front left combinatory lamp-halogen (ER13)



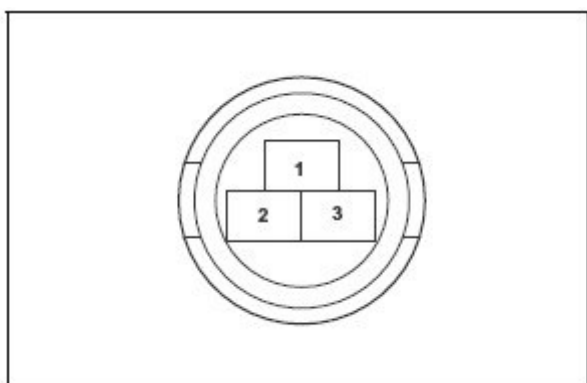
Terminals no.	Wire size	Wire diameter / color	Function
1	C45	0.35 BY	Headlamp signal
2	C41	0.75 GR	Left high beam+
3	G1004C	0.75 B	Clearance lamp and low beam grounding
4	C42C	0.75 GL	Left low beam+
5	GL004B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	-	-	Unused
8	C42A	0.5 GL	Headlamp height regulator motor+
9	G1004A	0.75 B	Regulator motor grounding
10	BC03A	0.5 GB	Clearance lamp+

Right electronic fan (ER08)



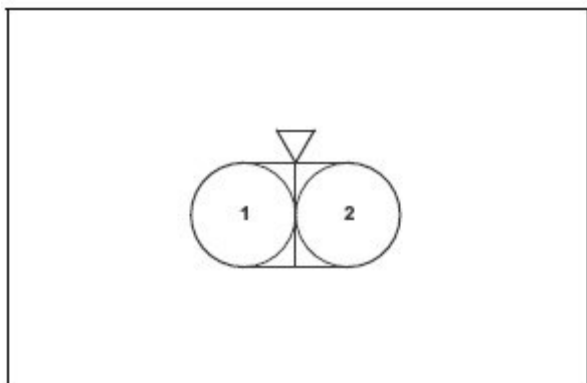
Terminals no.	Wire size	Wire diameter / color	Function
1	M501B	2.5 GW	Fan high speed+
2	M502A	2.5 GR	Fan low speed+
3	G1003C	4.0 B	Grounding

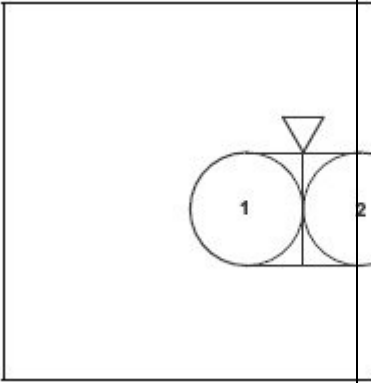
Left electronic fan (ER22)



Terminals no.	Wire size	Wire diameter / color	Function
1	M501A	2.5 GW	Fan high speed+
2	M502B	2.5 GR	Fan low speed+
3	G1003B	4.0 B	Grounding

Right horn (ER26)

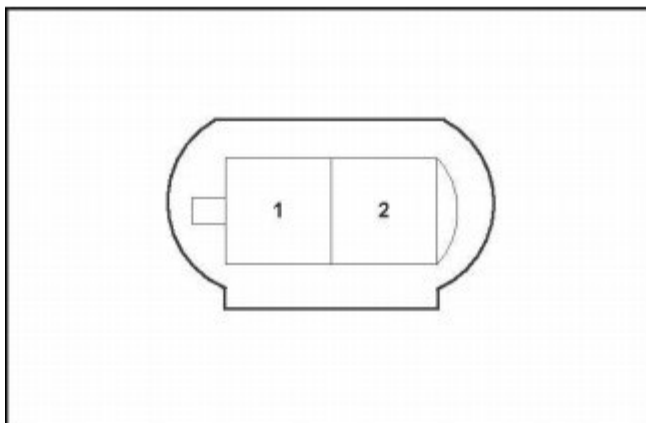


Terminals no.	Wire size	 Wire diameter / color	Function
1	BB03B	1.5 G	Horn+
2	G1008	1.5 B	Grounding

Left Horn (ER21)

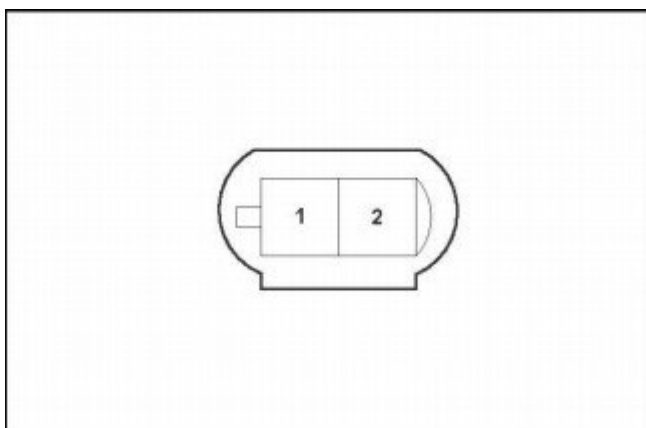
Terminals no.	Wire size	Wire diameter / color	Function
1	BB03A	1.5 G	Horn+
2	G1003	1.5 B	Grounding

Front right wheel speed sensor (ER03)



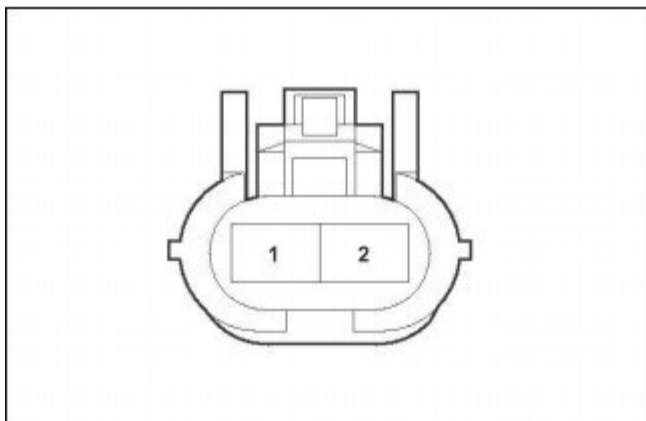
Terminals no.	Wire size	Wire diameter / color	Function
1	A04	0.35 Y	Sensor signal
2	A16	0.35 LO	Sensor power supply

Front left wheel speed Sensor (ER14)



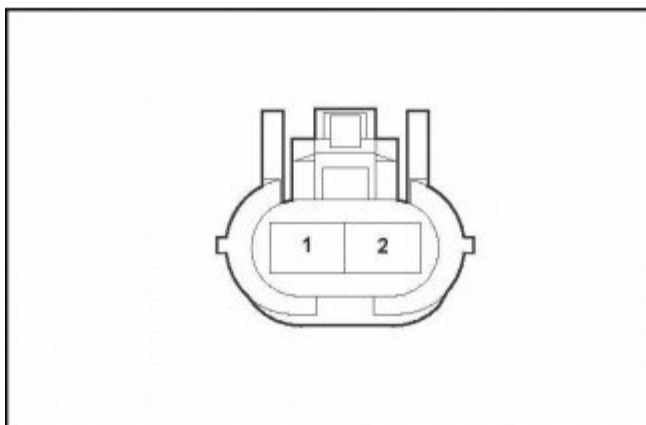
Terminals no.	Wire size	Wire diameter / color	Function
1	A08	0.35 BrR	Sensor signal
2	A19	0.35 LW	Sensor power supply

Front right fog lamp (ER29)



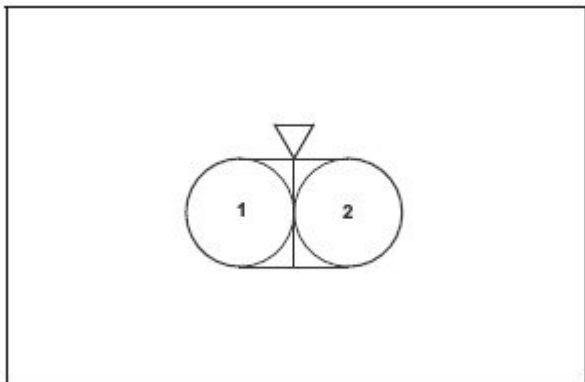
Terminals no.	Wire size	Wire diameter / color	Function
1	B218	0.75 GY	Fog lamp power supply
2	G1009D	0.75 B	Grounding

Front left fog lamp (ER20)



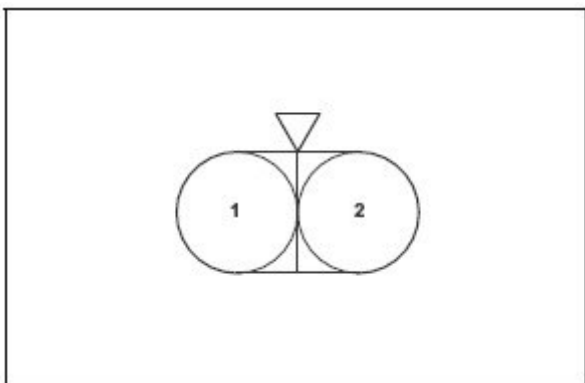
Terminals no.	Wire size	Wire diameter / color	Function
1	B214	0.75 GY	Fog lamp power supply
2	G1004H	0.75 B	Grounding

Front right steering lamp (ER25)



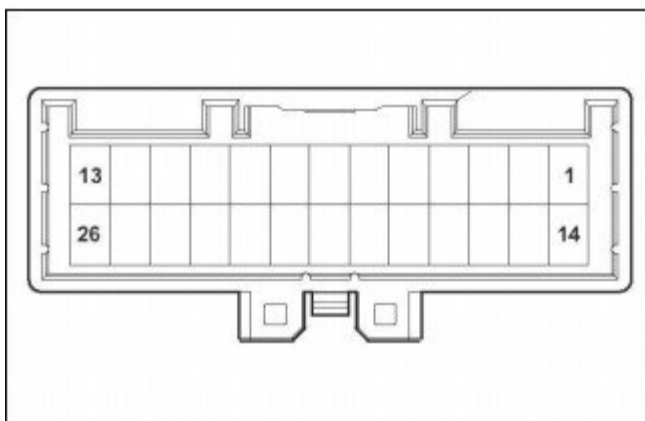
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009G	0.5 B	Grounding
2	BC01A	0.5 LW	Steering lamp power supply

Front left steering lamp (ER16)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1004G	0.5 B	Grounding
2	BC02A	0.5 LW	Steering lamp power supply

Connect Instrument panel wiring harness plug A (ER38)

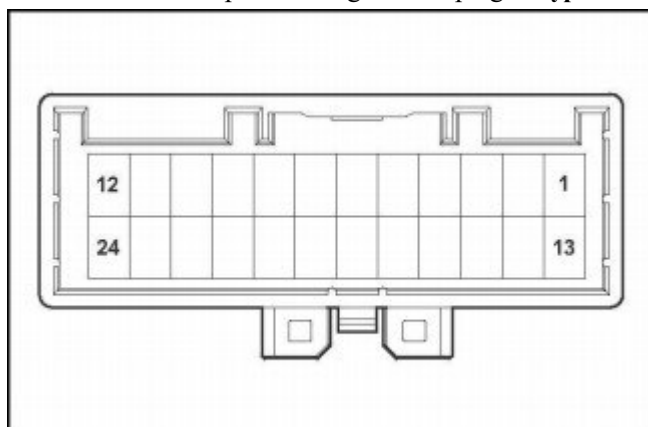


Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor (low speed) +
2	BB03	1.5 R	Compound horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control
5	JD07	0.75 V	Rearview mirror motor open+
6	JD06	0.75 GrW	Rearview mirror motor folded+
7	BT05	2.5 R	Battery power supply through fuse SB05
8	JD014	2.5 WY	Rear wiper relay power supply
9	JD016	2.5 RB	Rear defrosting relay power supply
10	BB05	1.5 G	Front wiper motor (High speed) +
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA06	0.5 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	-
15	IG03	1.5 RY	Power supply through ON gear of fuse IF04
16	M74B	0.35 YG	Clutch switch signal (to PEPS controller)
17	LA10A	0.5 YB	Back-up switch signal
18	PB08	0.5 GrB	Starter relay control line
19	-	-	Unused
20	A28B	0.5 RY	Steering sensor ON gear power supply

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
21	IP16A	0.5 LR	Brake switch normally closed end normally power supply
22	PA05	0.35 YR	Brake switch normally closed signal (to PEPS)
23	I16	0.35 W	Instrument charging indicator signal
24	I09	0.35 GrB	Engine oil pressure low alarm signal
25	K09	0.35 B	Outdoor temperature Sensor -
26	AC26	0.35 G	CAN_H

Connect Instrument panel wiring harness plug **B- type 1** (ER39)

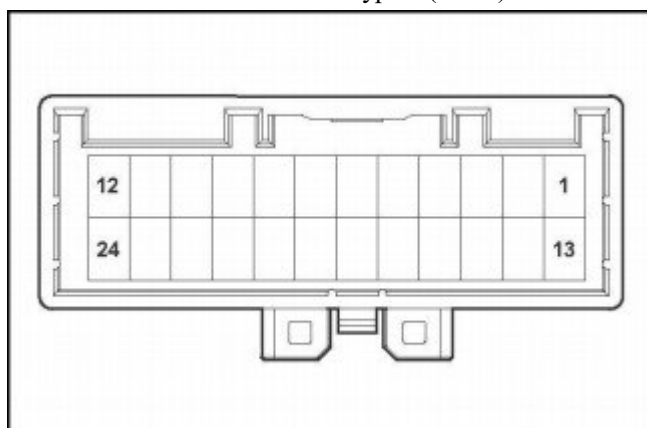


Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.5 LO	Electronic rearview mirror open relay control line
2	BD27	0.5 GrG	electronic rearview mirror folded relay control line
3	M13	0.5 RY	Ignition switch IGN power supply
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03B	0.35 V	Power supply through ACC gear of Fuse IF17
6	A12	0.5 V	ESC switch signal
7	BC11	0.5 YL	Washing motor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	-	-	Unused
11	PC19	0.35 R	Starting current feedback signal

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
12	BC05	0.5 LY	washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height Sensor ON gear power supply
14	K01	0.35 V	Outdoor temperature Sensor +
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	C42B	0.5 GL	Power supply through fuse FB03
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M71	0.35 V	Engine ECU diagnosis K line
23	BD30	0.5 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Instrument harness connector **B-type 2 (ER39)**

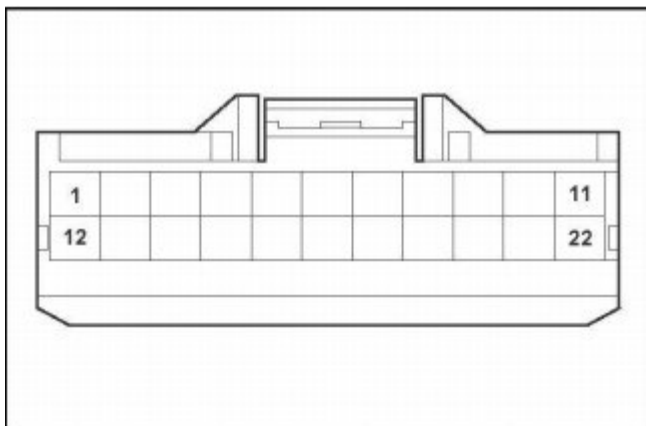


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03B	0.35 V	Power supply through ACC gear of fuse IF17

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
6	A12	0.5 V	ESC switch signal
7	BC11	0.5 YL	washmotor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	C45B	0.35 BY	Headlamp signal switch signal
11	PC19	0.35 R	Starting current feedback signal
12	BC05	0.5 LY	washmotor front washing+
13	-	-	Unused
14	K01	0.35 V	Outdoor temperature sensor +
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	C42B	0.5 GL	Power supply through fuse FB03
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M71	0.35 V	Engine ECU diagnosis K line
23	-	-	Unused
24	BE24	0.35 GW	Front wiper motor return signal

Connect floor harness (ER40)

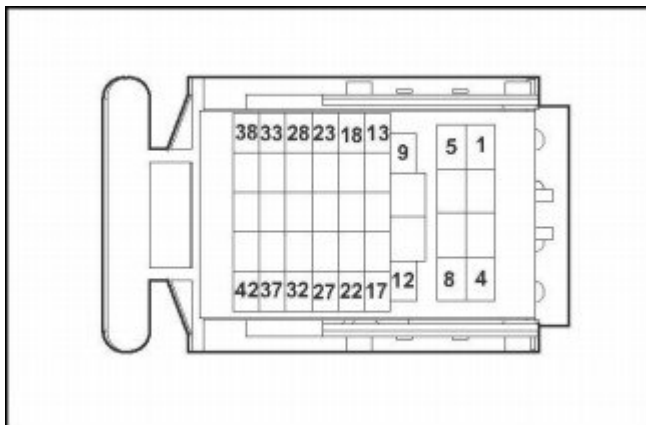


Terminals no.	Wire size	Wire diameter / color	Function
1	A17	0.35 WY	Right rear wheel speed sensor +
2	A29	0.35 LgB	Right rear wheel speed sensor signal
3	-	-	Unused
4	A18	0.35 LgR	Left rear wheel speed sensor signal
5	A31	0.35 GrY	Left rear wheel speed sensor +
6	-	-	Unused
7	AL05	0.35 GL	Right headlamp signal controller signal
8	AL06	0.35 LR	Right headlamp signal motor position feedback
9	AL07	0.35 WL	Left headlamp signal controller signal
10	AL08	0.35 GR	Left headlamp signal motor position feedback
11	AL09	0.35 BrW	Front vehicle height sensor signal
12	-	-	Unused
13	M691	0.75 YR	Fuel pump motor power supply
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
21	-	-	Unused
22	-	-	Unused

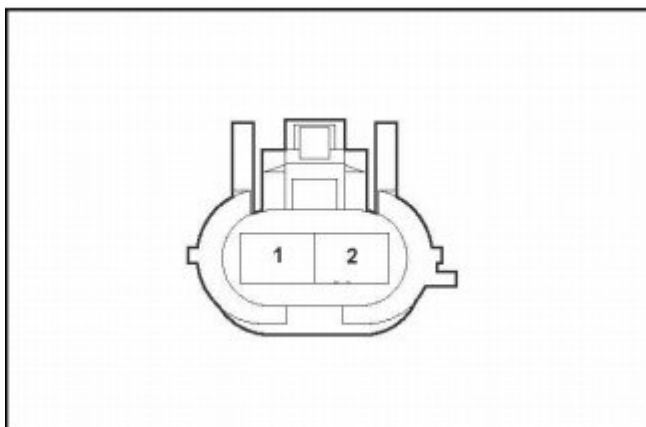
Connect Engine wiring harness (ER30)



Terminals no.	Wire size	Wire diameter / color	Function
1	M190	0.75 WR	Main relay power supply through fuse FB10
2	M140	1.0 RL	Main relay power supply through fuse FB11
3	BT10B	2.5 R	Starting control+
4	M132	0.75 RB	Air flow meter power supply
5	M131	0.75 RB	Front oxygen sensor power supply
6	M701	0.75 GW	Compressor power supply
7	M130	0.75 RG	Rear oxygen sensor power supply
8	-	-	Unused
9	M11	0.5 V	Vacuum pump relay control line
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	M40	0.35 LB	Accelerator pedal sensor position signal 2
14	-	-	Unused
15	M21	0.35 YB	Brake switch normally open signal
16	M13A	0.5 RY	Ignition switch ON power supply

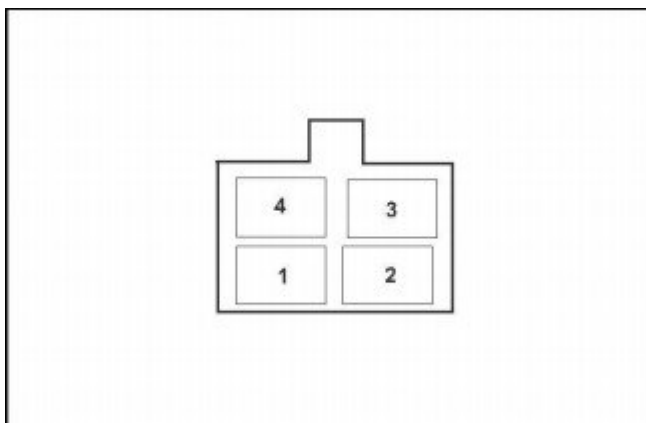
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
17	M71	0.35 V	Diagnostic interface K line
18	M35	0.35 Y	5V reference voltage
19	-	-	Unused
20	M58	0.35 YR	Brake switch normally closed signal
21	-	-	Unused
22	I16	0.35 W	Charging indicator
23	M32C	0.35 G	5V reference voltage
24	M23	0.35 BrB	Braking vacuum sensor signal
25	M57	0.35 GW	Air condition pressure switch high and low pressure signal
26	-	-	Unused
27	I09	0.35 GrB	Engine oil press sensor signal
28	M74	0.35 YG	Clutch switch signal
29	M16	0.35 YB	Accelerator pedal sensor position signal 1
30	M12	0.5 RW	Battery power supply
31	-	-	Unused
32	-	-	Unused
33	M60	0.35 YL	Air condition pressure switch medium pressure signal
34	M33C	0.35 R	5V reference voltage
35	M70	0.5 RY	Oil pump relay control line
36	M14	0.5 RW	Main relay control line
37	M62	0.35 G	CAN_H
38	M50	0.5 RG	Fan relay (low speed) control
39	M36E	0.35 BrR	Accelerator pedal Sensor reference voltage grounding1
40	M69	0.5 RB	Compressor relay control
41	M68	0.5 RL	Fan relay (high speed) control
42	M81	0.35 L	CAN_L



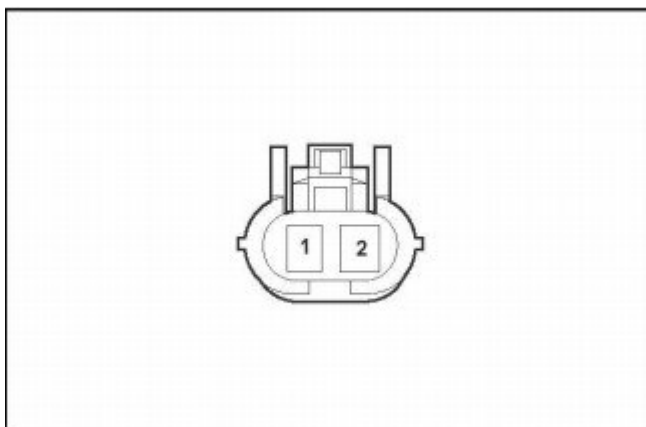
Terminals no.	Wire size	Wire diameter / color	Function
1	G1003A	1.5 B	Grounding
2	M168	1.5 L	Vacuum pump power supply

Brake switch (ER35)



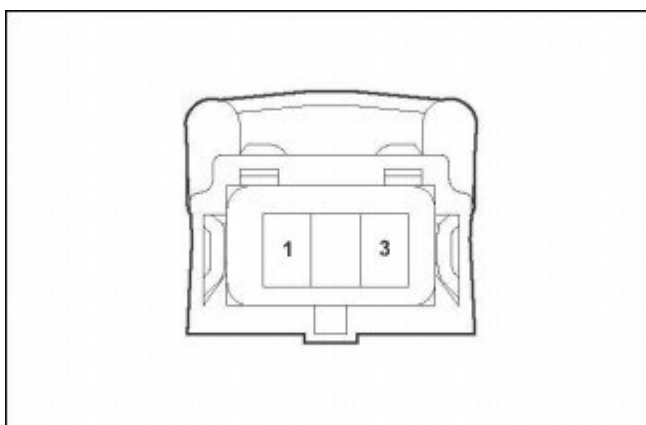
Terminals no.	Wire size	Wire diameter / color	Function
1	IP16A	0.5 Br	Normally closed end power supply
2	M58A	0.35 YR	Normally closed signal
3	BT25	25 BT	Normally open end power supply
4	M21A	0.35 YB	Normally open signal

Brake fluid levelSensor (ER11)



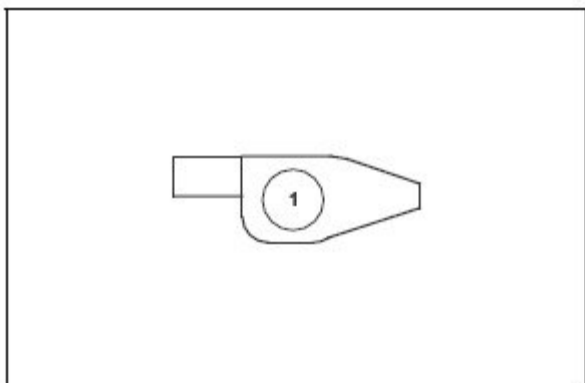
Terminals no.	Wire size	Wire diameter / color	Function
1	I26	0.35 BrL	Low level alarm indication
2	G1009F	0.35 B	Grounding

Braking vacuum sensor (ER17)



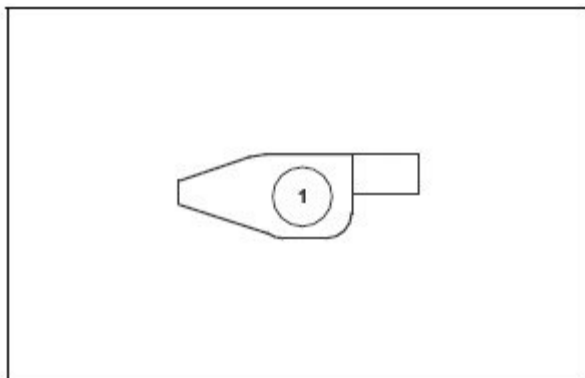
Terminals no.	Wire size	Wire diameter / color	Function
1	M23	0.35 BrB	Braking vacuum sensor signal
2	M35A	0.35 W	Reference voltage grounding
3	M32D	0.35 G	5V reference voltage

Bonding 1 (ER09)



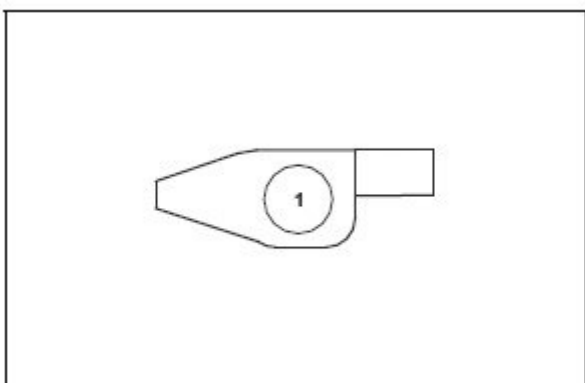
Terminals no.	Wire size	Wire diameter / color	Function
1	G1003	1.5 B	Refer to “grounding location, function and distribution”

Bonding 2 (ER15)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1004	2.5 B	Refer to “grounding location, function and distribution”

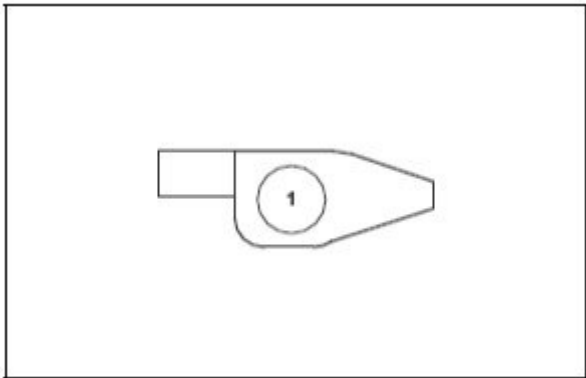
Bonding 3 (ER31)



Terminals no.	Wire size	Wire diameter / color	Function
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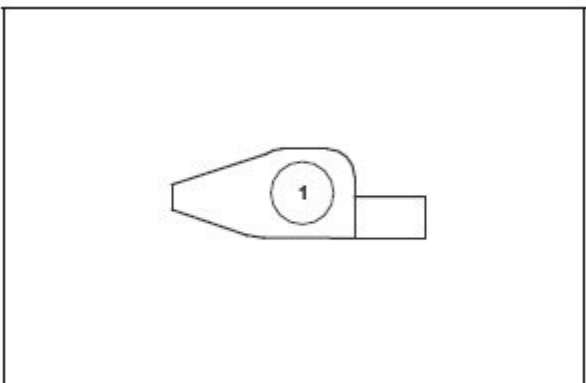
1	G1005	8.0 B	Refer to “grounding location, function and distribution”
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Bonding 4 (ER24)



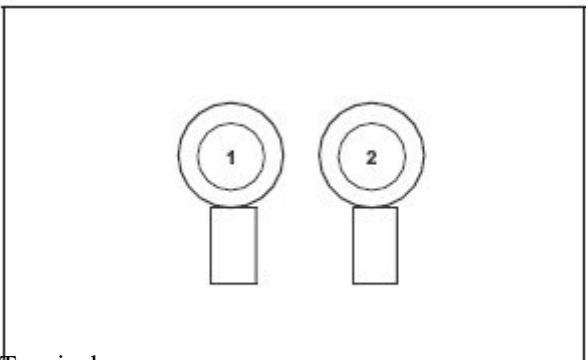
Terminals no.	Wire size	Wire diameter / color	Function
1	G1008	1.5 B	Refer to “grounding location, function and distribution”

Bonding 5 (ER01)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1009	1.0 B	Refer to “grounding location, function and distribution”

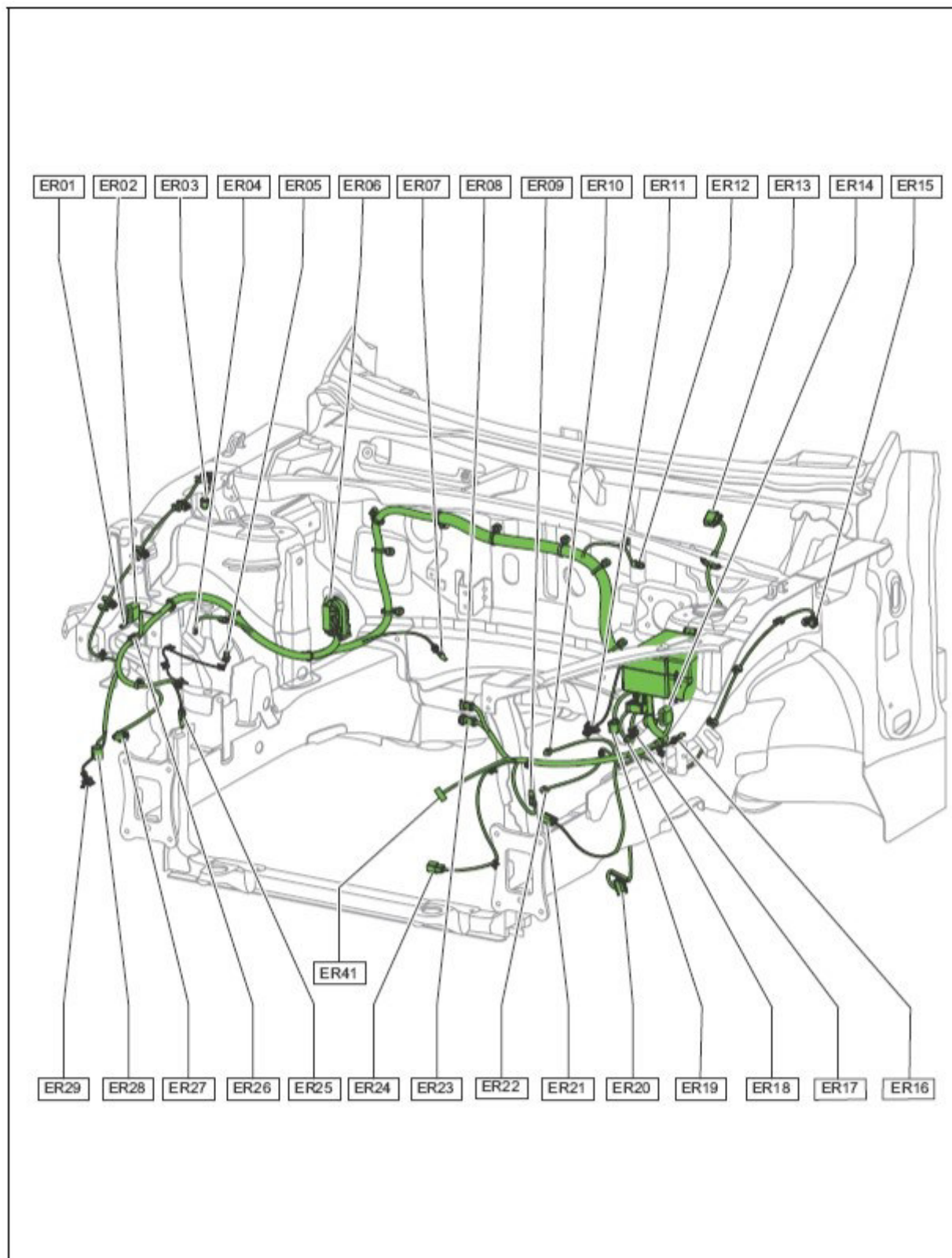
Bonding 6 (ER01)



Terminals no.	Wire size	Wire diameter / color	Function
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1	G1010A	2.5 B	Refer to “grounding location, function and distribution”
2	G1010	4.0 B	

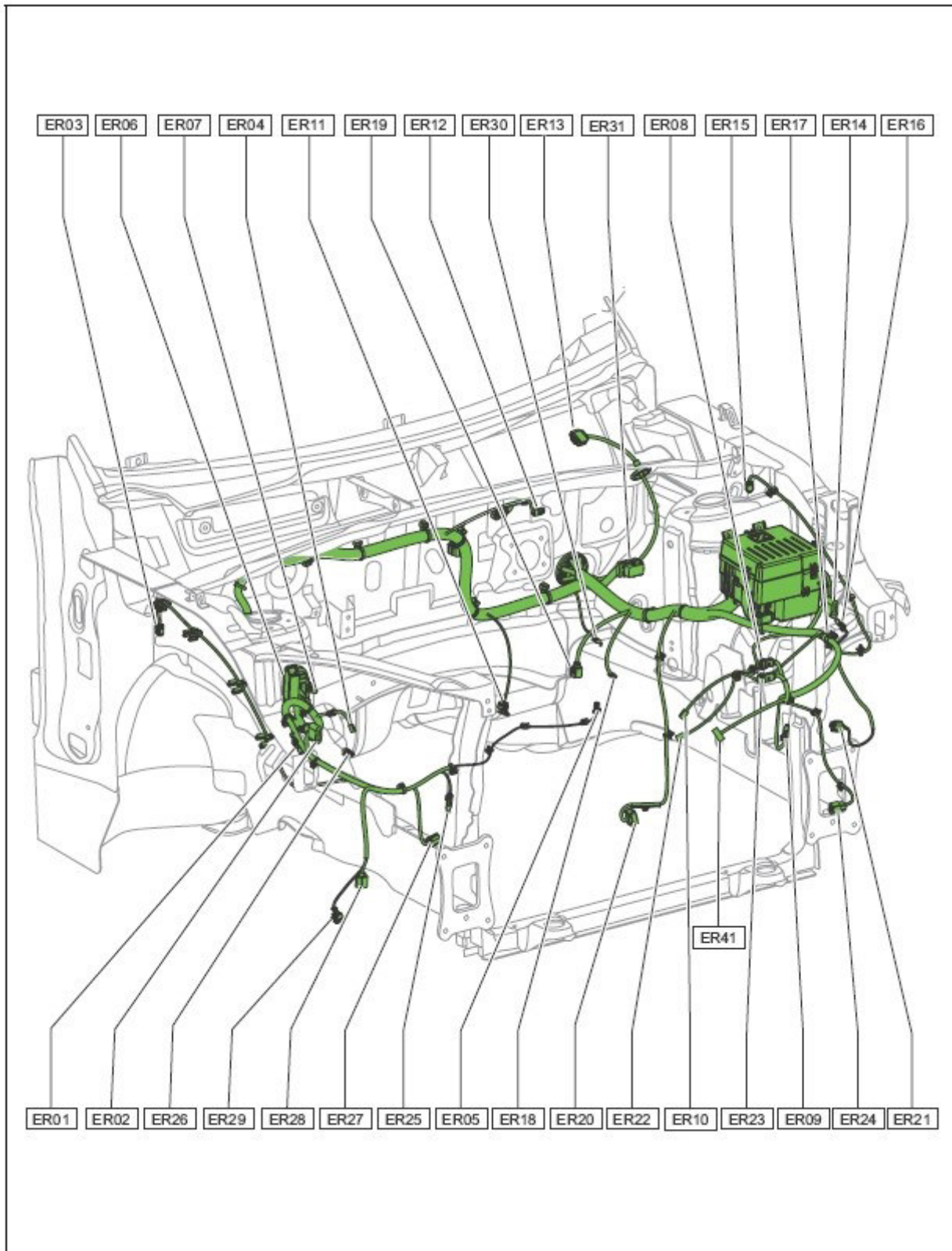
Engine room wiring harness-left view-2.0T (MT)



Engine room wiring harness-left view plug definition

Plug code	Connected electrical equipment
ER01	Bonding 5 (G1009)
ER02	Front right combination lamps -- Xenon
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Neutral position switch
ER11	Rear oxygen sensor
ER12	Brake fluid level sensor
ER13	Front wiper motor
ER14	Front left combinatory lamp -- Xenon
ER15	Front left wheel speed Sensor
ER16	Bonding 2 (G1004)
ER17	Front left steering lamp
ER18	Braking vacuum sensor
ER19	Vacuum pump
ER20	Front vehicle height sensor
ER21	Front left horn
ER22	Reverse switch
ER23	Left electronic fan
ER24	Outdoor temperature sensor
ER25	Bonding 4 (G1008)
ER26	Front right steering lamp
ER27	Front right horn
ER28	Headlamp washmotor
ER29	Air window washmotor
ER41	Connect front harness

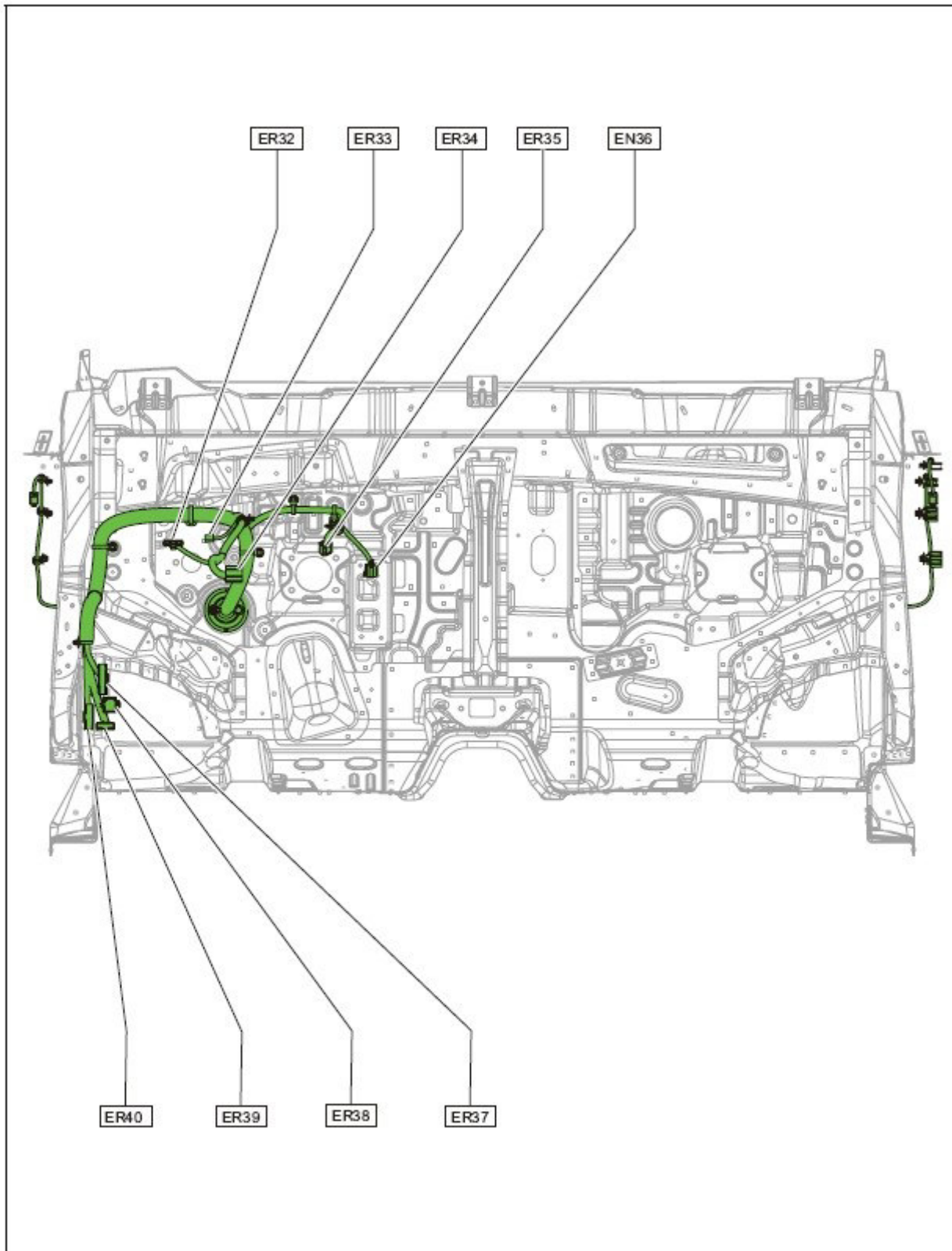
Engine room wiring harness- Right view-2.0T (MT)



Engine room wiring harness- Right view plug definition

Plug code	Connected electrical equipment
ER01	Bonding 5 (G1009)
ER02	Front right combination lamps -- Xenon
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Neutral position switch
ER11	Rear oxygen sensor
ER12	Brake fluid level sensor
ER13	Front wiper motor
ER14	Front left combinatory lamp -- Xenon
ER15	Front left wheel speed Sensor
ER16	Bonding 2 (G1004)
ER17	Front left steering lamp
ER18	Braking vacuum sensor
ER19	Vacuum pump
ER20	Front vehicle height Sensor
ER21	Front left horn
ER22	Reverse switch
ER23	Left electronic fan
ER24	Outdoor temperature Sensor
ER25	Bonding 4 (G1008)
ER26	Front right steering lamp
ER27	Front right horn
ER28	Headlamp washmotor
ER29	Air window washmotor
ER30	Bonding (G1002)
ER31	Connect engine wiring harness

Engine room wiring harness-back-2.0T (MT)

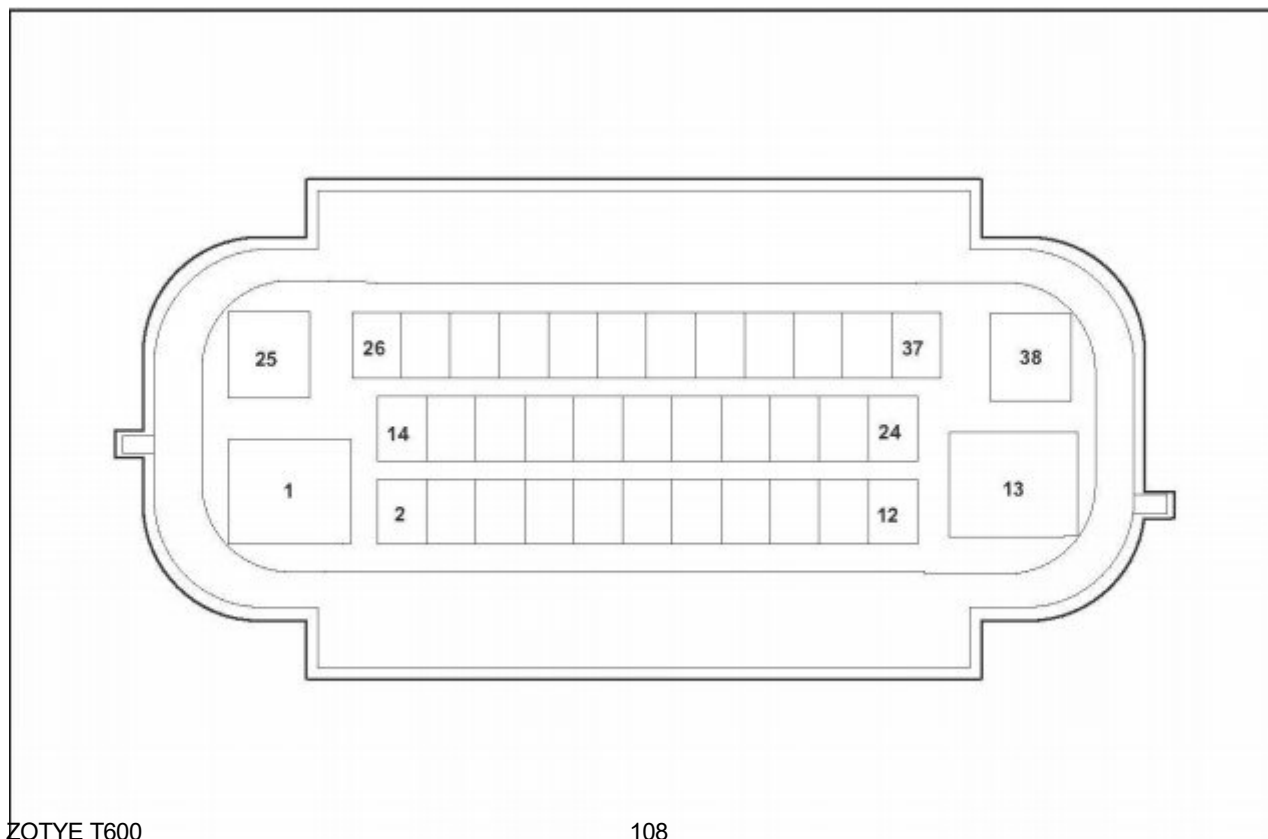


Engine room wiring harness-back plug definition

Plug code	Connected electrical equipment
ER32	Connect dashboard electrical box
ER33	Clutch pedal angle sensor
ER34	Clutch switch
ER35	Brake switch
ER36	Electronic accelerator pedal
ER37	Connect instrument panel wiring harness plug A
ER38	Connect floor harness B
ER39	Connect instrument panel wiring harness plug B
ER40	Connect floor harness A

Engine room wiring harness plug description-2.0T (MT)

ABS/ESC controller (ER06)



ZOTYE T600

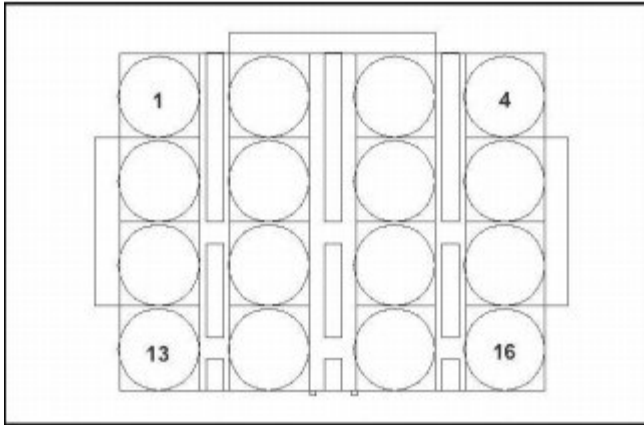
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Terminals no.	Wire size	Wire diameter / color	Function
1	A01	4.0 R	Motor normally power supply
2	-	-	Unused
3	-	-	Unused
4	A12	0.5 R	ESC switch signal
5	-	-	Unused
6	-	-	Unused
7	AC26A	0.35 G	CAN_H
8	AC14A	0.35 L	CAN_L
9	A19	0.35 LW	Front left wheel speed Sensor power supply
10	A16	0.35 LO	Front right wheel speed sensor power supply
11	A31	0.35 GrY	Left rear wheel speed Sensor power supply
12	A17	0.35 WY	Right rear wheel speed Sensor power supply
13	G1010	4.0 B	Motor grounding

Arrangement of harness and plug instructions

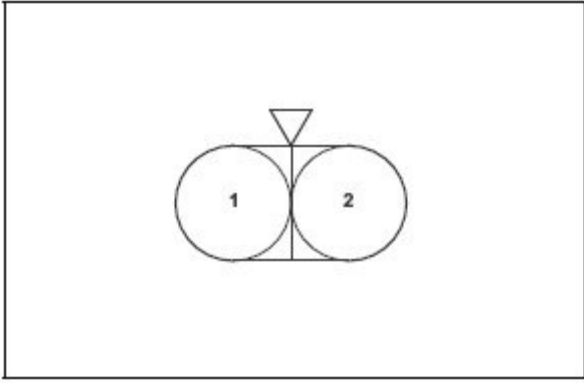
Terminals no.	Wire size	Wire diameter / color	Function
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	A28	0.5 RY	ON gear power supply
19	-	-	Unused
20	-	-	Unused
21	A08	0.35 BrR	Front left wheel speed Sensor signal
22	A04	0.35 Y	Front right wheel speed sensor signal
23	A18	0.35 W	Left rear wheel speed Sensor signal
24	A29	0.35 LgB	Right rear wheel speed Sensor signal
25	A25	2.5 Gr	Valve normally power supply
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	-	-	Unused
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	G1010A	2.5 B	Valve grounding

Connect front harness (ER41)



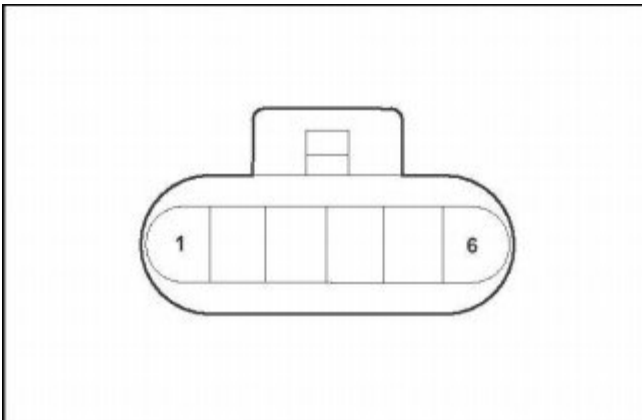
Terminals no.	Wire size	Wire diameter - color	Function
1	B215	0.75 GY	Front fog lamp power supply
2	G1004	0.75 B	Grounding
3	LC06	0.35 RY	Front right blind spot detection probe data
4	LC05	0.35 GR	Front left blind spot detection probe data
5	LA03	0.35 W	Right front radar sensor signal
6	LA04	0.35 O	Right middle radar sensor signal
7	LA05	0.35 V	Left middle radar sensor signal
8	LA06	0.35 YBr	Left front radar sensor signal
9	LB04	0.35 BrW	Sensor power supply
10	LB08	0.35 BrB	Sensor grounding
11	QJ12	0.35 RW	Front camera power supply +
12	QJ13	0.35 BW	Front camera radio signal-
13	QJ32	0.35 B	Front camera power supply
14	QJ33	0.35 P	Front camera radio signal+
15	LC02	0.35 BrB	Blind spot detection probe
16	LC01	0.35 BrW	Blind spot detection probe power supply

Headlamp washmotor (ER28)



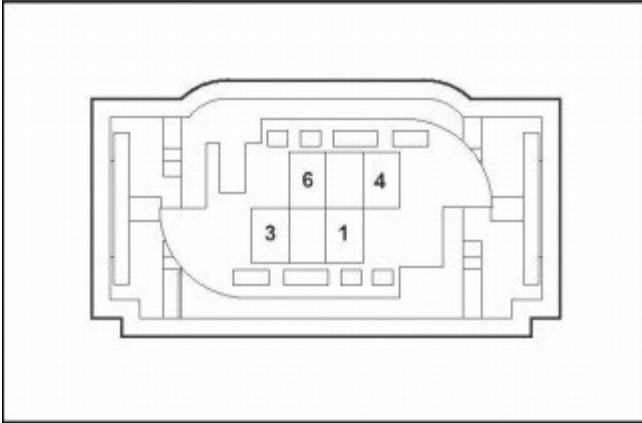
Terminals no.	Wire size	Wire diameter / color	Function
1	JD02	2.5 W	Motor power supply
2	G1008A	2.5 B	Motor grounding

Electronic accelerator pedal (ER36)



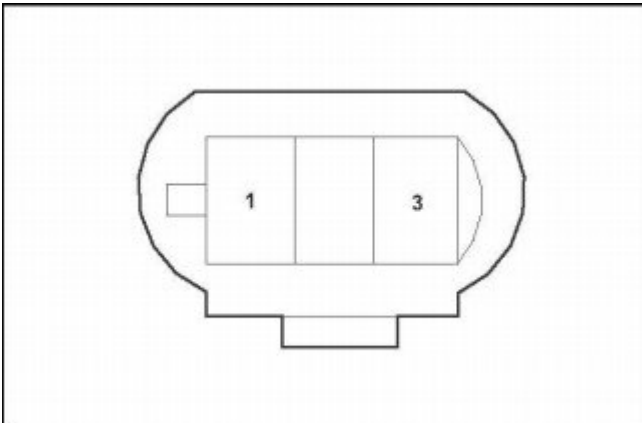
Terminals no.	Wire size	Wire diameter / color	Function
1	MC61	0.35 LB	Accelerator pedal sensor position signal 2
2	MC49B	0.35 Y	Sensor reference voltage grounding
3	MC37A	0.35 G	Sensor reference voltage 2
4	MC35	0.35 YB	Accelerator pedal sensor position signal 1
5	MC50	0.35 BrR	Sensor reference voltage grounding
6	MC51	0.35 R	Sensor reference voltage 2

Front vehicle height sensor (ER20)



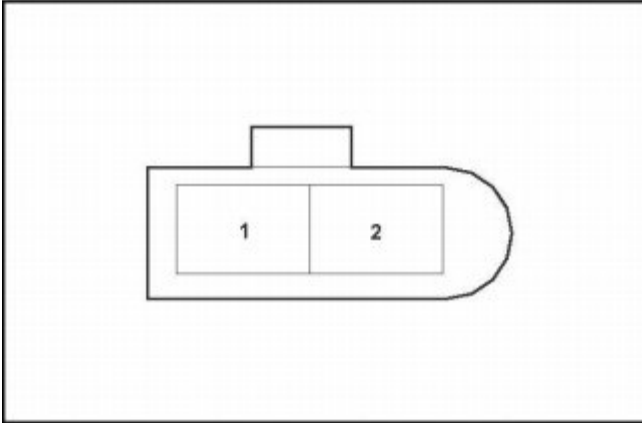
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	AL11C	0.35 BrG	ON gear power supply
3	AL09	0.35 BrW	Front height position sensor signal
4	-	-	Unused
5	-	-	Unused
6	G1004M	0.35 B	Grounding

Neutral position switch (ER10)



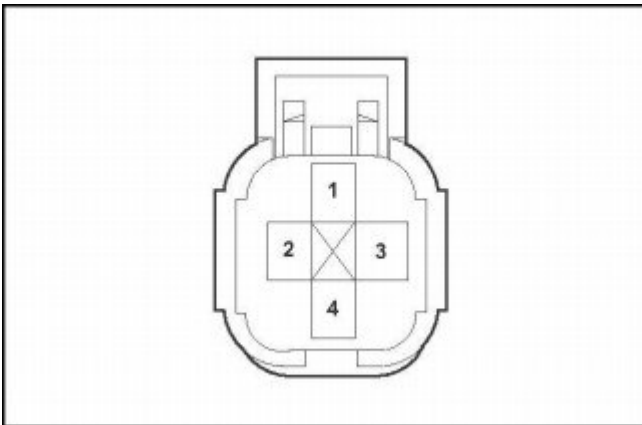
Terminals no.	Wire size	Wire diameter / color	Function
1	G1003D	0.35 B	grounding
2	I31	0.35 GB	5V voltage
3	I15	0.35 GW	Signal output

Reverse switch (ER22)



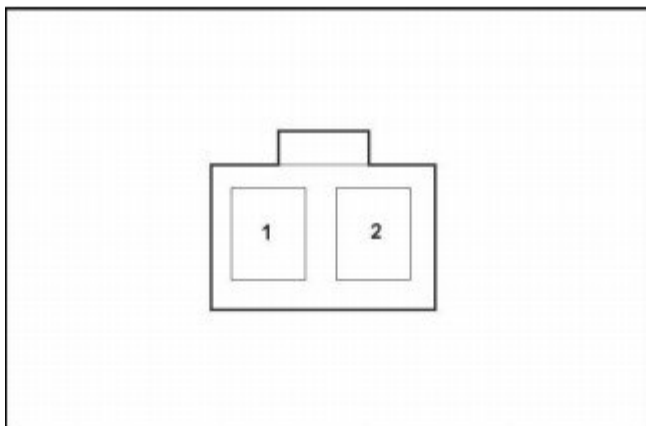
Terminals no.	Wire size	Wire diameter / color	Function
1	N01	0.5 Y	Battery power supply through fuse FB18
2	LA10A	0.5 YB	Reverse switch power supply

Air condition pressure switch (ER04)



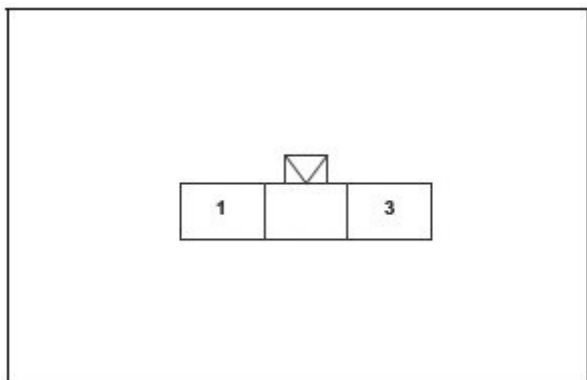
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009G	0.35 B	grounding
2	MC53	0.35 YL	Middle voltage switch signal
3	G1009E	0.35 B	grounding
4	MC19	0.35 GW	High and low voltage signal

Clutch switch (ER34)



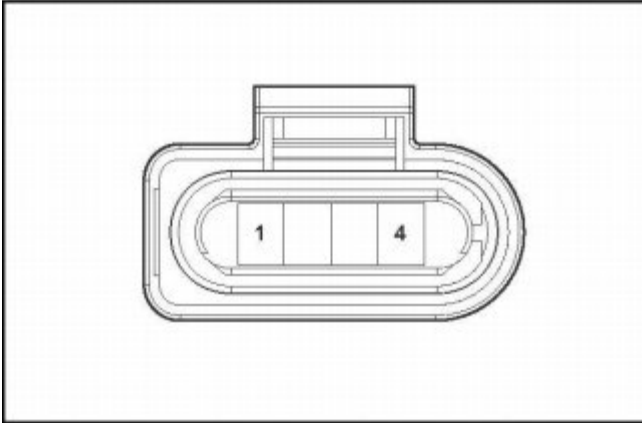
Terminals no.	Wire size	Wire diameter / color	Function
1	MC10A	0.35 YG	Switch signal
2	G1004N	0.35 B	grounding

Front canopy signal switch (ER05)



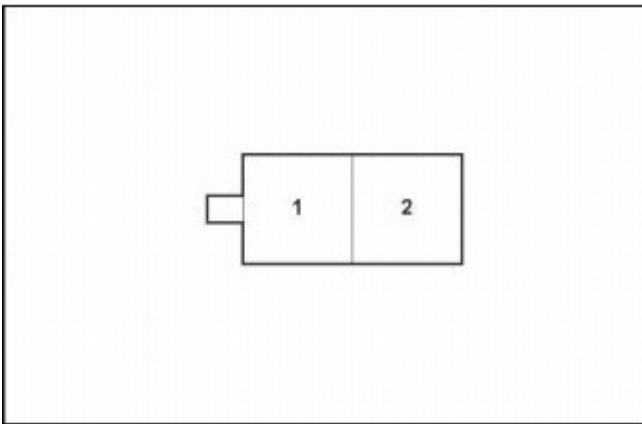
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	G1008C	0.5 B	grounding
3	BE19	0.35 GrR	Switch signal

Front wiper motor (ER13)



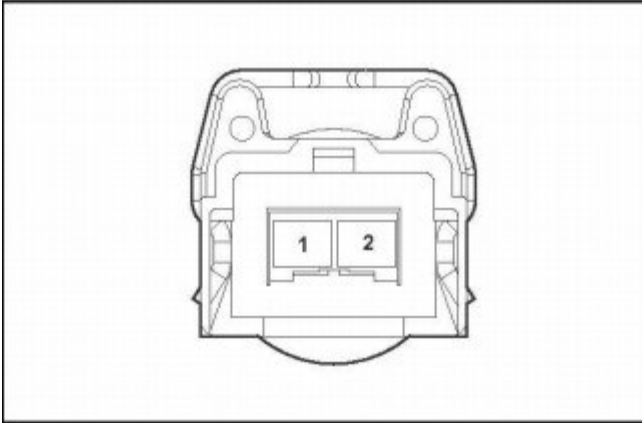
Terminals no.	Wire size	Wire diameter / color	Function
1	BB05	1.5 G	Front wiper motor (High speed) +
2	BB04	1.5 V	Front wiper motor (Low speed) +
3	BE24	0.35 GW	Motor stop position signal
4	G1003B	1.5 B	Motor grounding

Outdoor temperature Sensor (ER24)



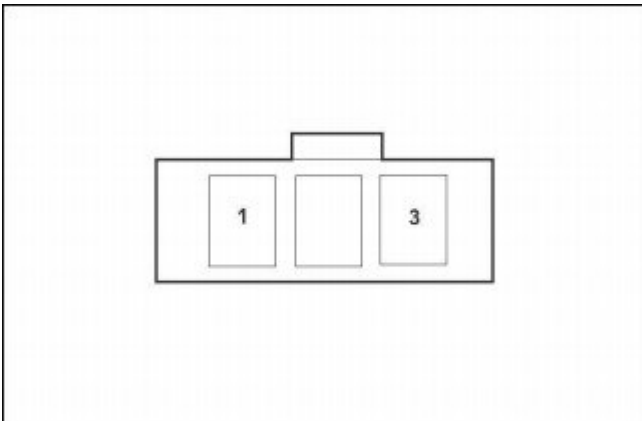
Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Sensor +
2	K09	0.35 B	Sensor -

Air window washmotor (ER29)



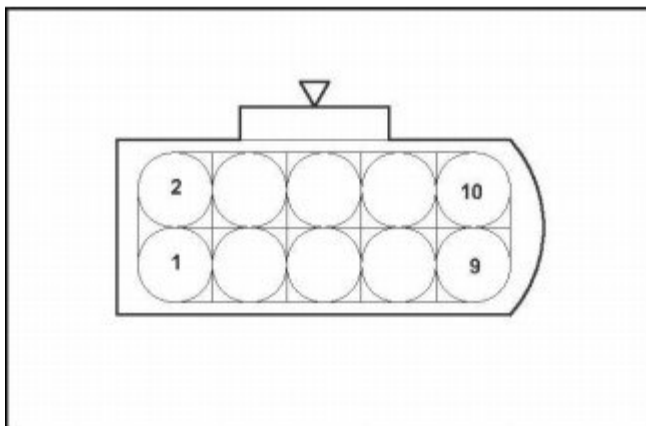
Terminals no.	Wire size	Wire diameter / color	Function
1	BC05	0.5 LY	Motor front washing+
2	BC11	0.5 YL	Motor rear washing+

Connect dashboard Electrical box (ER32)



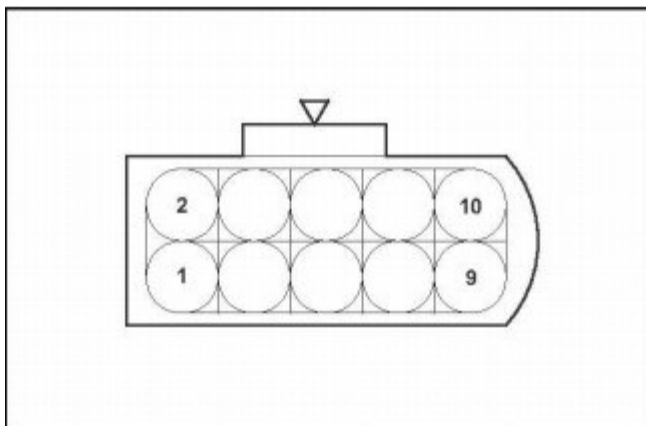
Terminals no.	Wire size	Wire diameter / color	Function
1	BT20	2.5 Br	Battery power supply through fuse FB26
2	BT07	2.5 R	Battery power supply through fuse SB06
3	BT11	6.0 RW	Battery power supply through fuse SB07

Front right combination lamps-Xenon (ER02)



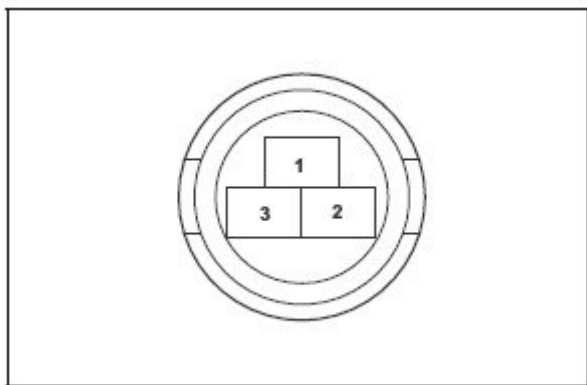
Terminals no.	Wire size	Wire diameter / color	Function
1	AL05	0.35 GY	Right regulating controller
2	C43	0.75 GW	Right high beam+
3	G1009C	0.75 B	Clearance lamp and low beam grounding
4	C44B	0.75 GW	Right low beam+
5	G1009B	0.5 B	Controller grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL06	0.35 LR	Headlamp height motor position signal
8	AL11A	0.35 BrG	Regulating controller power supply
9	G1009A	0.75 B	Lamp grounding
10	BC03H	0.5 GB	Clearance lamp+

Front left combinatory lamp-Xenon (ER14)



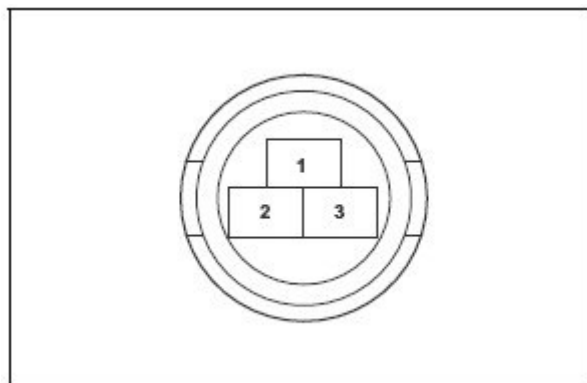
Terminals no.	Wire size	Wire diameter / color	Function
1	AL07	0.35 WL	Left adjustment controller+
2	C41	0.75 GR	Left high beam+
3	G1004C	0.75 B	Clearance lamp and low beam grounding
4	C42C	0.75 GL	Left low beam+
5	G1004B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL08	0.35 GR	Headlamp height motor position signal
8	AL11B	0.35 BrG	Regulator motor power supply
9	G1004A	0.75 B	Regulator motor grounding
10	BC03A	0.5 GB	Clearance lamp+

Right electronic fan (ER08)



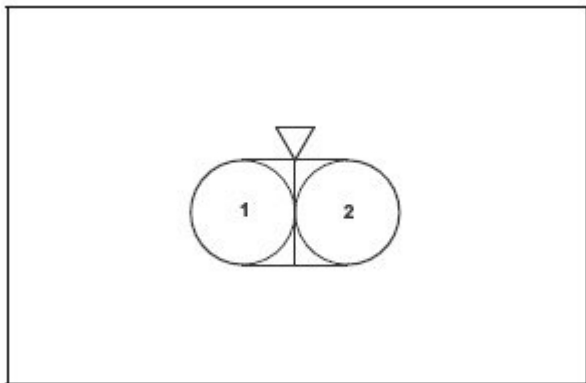
Terminals no.	Wire size	Wire diameter / color	Function
1	M501B	2.5 GW	Fan high speed+
2	M502A	2.5 GR	Fan low speed+
3	G1003C	4.0 B	Grounding

Left electronic fan (ER23)



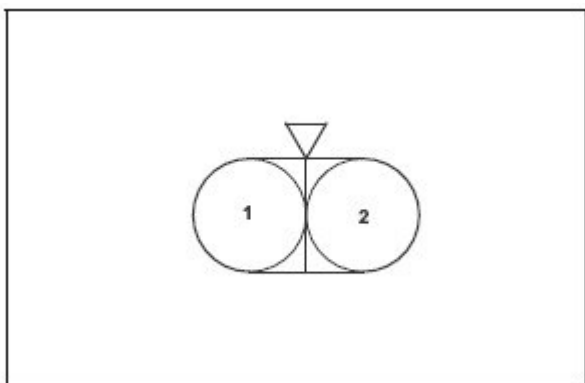
Terminals no.	Wire size	Wire diameter / color	Function
1	M501A	2.5 GW	Fan High speed+
2	M502B	2.5 GR	Fan low speed+
3	G1003B	4.0 B	Grounding

Front right horn (ER27)



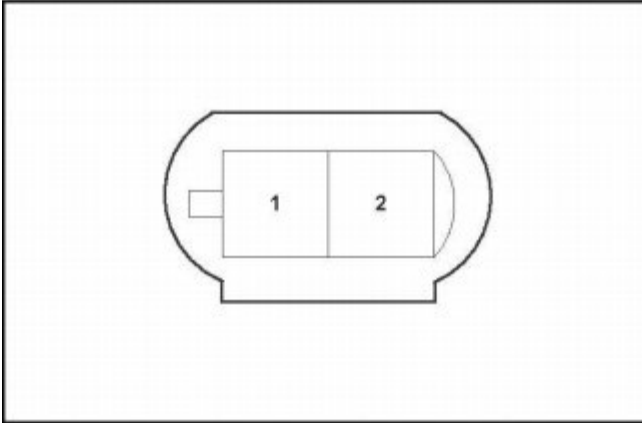
Terminals no.	Wire size	Wire diameter / color	Function
1	BB03B	1.5 G	Horn+
2	G1008	1.5 B	Grounding

Front left horn (ER21)



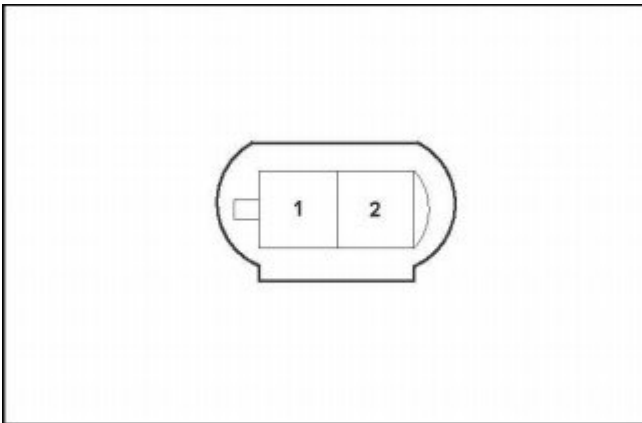
Terminals no.	Wire size	Wire diameter / color	Function
1	BB03A	1.5 G	Horn+
2	G1003	1.5 B	Grounding

Front right wheel speed sensor (ER03)



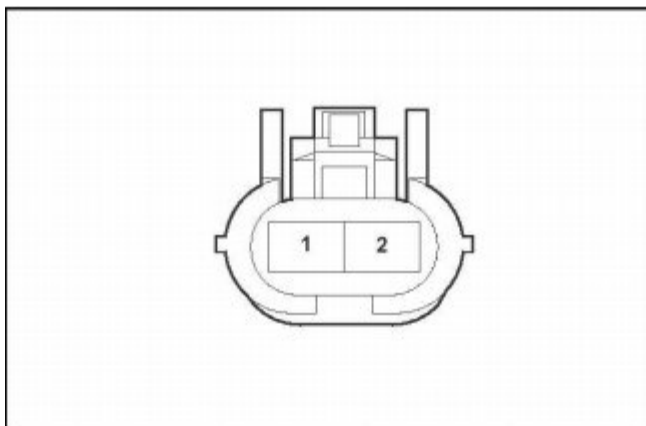
Terminals no.	Wire size	Wire diameter / color	Function
1	A04	0.35 Y	Sensor signal
2	A16	0.35 LO	Sensor power supply

Front left wheel speed Sensor (ER15)



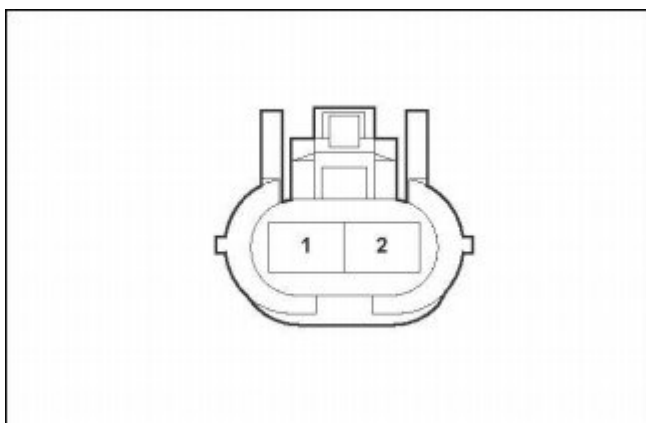
Terminals no.	Wire size	Wire diameter / color	Function
1	A08	0.35 BrR	Sensor signal
2	A19	0.35 LW	Sensor power supply

Front right steering lamp (ER26)



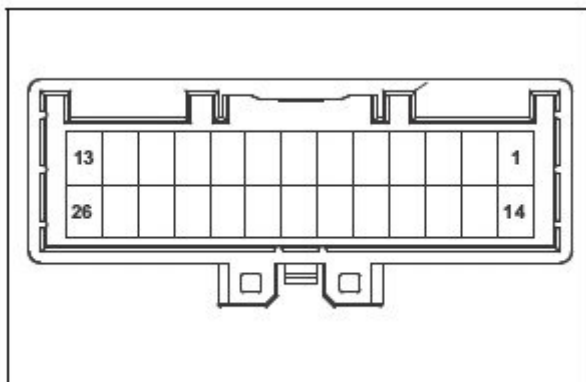
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009G	0.35 B	Grounding
2	BC01A	0.35 LW	Steering lamp power supply

Front left steering lamp (ER17)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1004G	0.35 B	Grounding
2	BC02A	0.35 LW	Steering lamp power supply

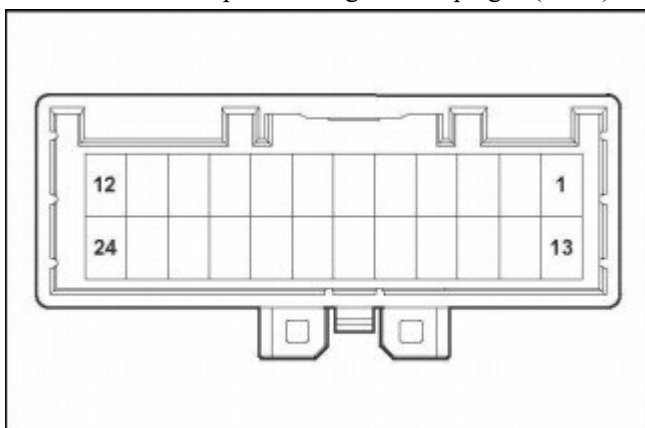
Connect Instrument panel wiring harness plug A (ER37)



Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor (low speed) +
2	BB03	1.5 R	Compound horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control
5	JD06	0.75 GrW	Rearview mirror motor folded+
6	JD07	0.75 V	Rearview mirror motor open+
7	BT05	2.5 R	Battery power supply through fuse SB05
8	JD014	0.75 WY	Rear wiper relay power supply
9	JD016	2.5 RB	Rear defrosting relay power supply
10	BB05	1.5 G	Front wiper motor (High speed) +
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA07	0.35 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	Unused
15	IG03	1.5 RY	Power supply through ON gear of fuse IF04
16	MC10B	0.35 YG	Clutch switch signal (to PEPS controller)
17	LA10A	0.5 YB	Back-up switch signal
18	PB08	0.35 GrB	Starter relay control line
19	-	-	Unused
20	A28B	0.5 RY	Rotating angle Sensor ON gear power supply
21	IP16A	0.5 LR	Brake switch normally closed end normally power

			supply
22	PA20	0.35 YR	Brake switch normally closed signal (to PEPS)
23	I16	0.35 W	Instrument charging indicator signal
24	I09	0.35 GrB	Engine oil pressure low alarm signal
25	K09	0.35 B	Outdoor temperature Sensor -
26	AC26	0.35 G	CAN_H

Connect Instrument panel wiring harness plug **B (ER39)**

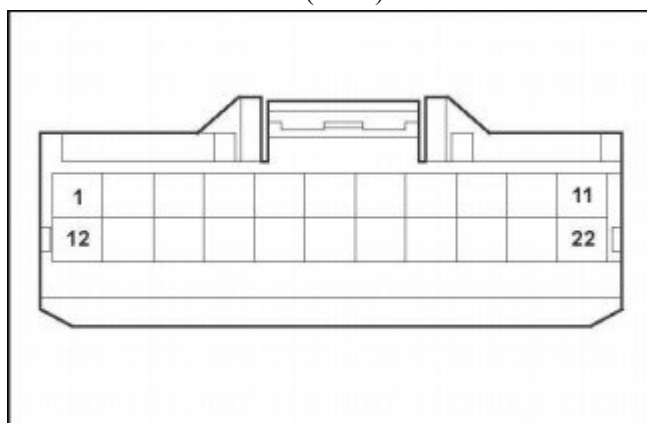


Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.35 LO	Electronic rearview mirror open relay control line
2	BD27	0.35 GrG	electronic rearview mirror folded relay control line
3	MC02	0.5 RY	Battery power supply
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03B	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 R	ESC Switch signal
7	BC11	0.5 YL	washmotor rear washing+
8	BD24	0.35 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	I31	0.35 GB	5V voltage
11	PC19	0.35 R	Starting current feedback signal
12	BC05	0.5 LY	washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height Sensor ON gear power supply

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	K01	0.35 V	Outdoor temperature Sensor +
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	I15	0.35 RW	Signal output
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.35 LW	Front left steering lamp power supply
20	BC01A	0.35 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	MC17	0.35 V	Engine ECU diagnosis K line
23	BD30	0.35 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Connect Floor harnessA (ER40)

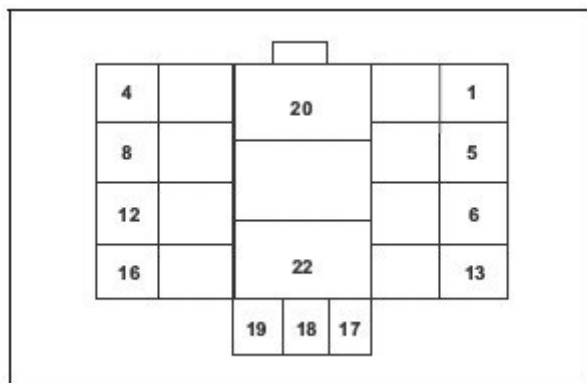


Terminals no.	Wire size	Wire diameter / color	Function
1	A17	0.35 WY	Right rear wheel speed sensor +
2	A29	0.35 LgB	Right rear wheel speed sensor signal
3	QJ33	0.35 P	Front camera video signal+
4	A18	0.35 LgR	Left rear wheel speed sensor signal
5	A31	0.35 GrY	Left rear wheel speed sensor +
6	-	-	Unused
7	AL05	0.35 GY	Right headlamp signal controller signal

Arrangement of harness and plug instructions

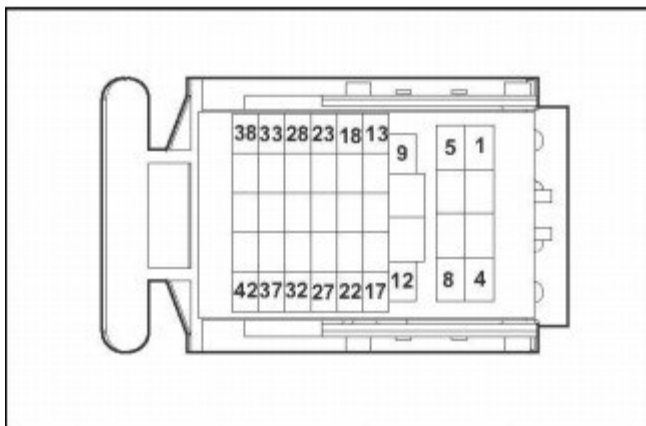
Terminals no.	Wire size	Wire diameter / color	Function
8	AL06	0.35 LR	Right headlamp signal motor position feedback
9	AL07	0.35 WL	Left headlamp signal controller signal
10	AL08	0.35 GR	Left headlamp signal motor position feedback
11	AL09	0.35 BrW	Front vehicle height sensor signal
12	N128	1.5 R	Back-up power supply +
13	M691	0.75 YR	Fuel pump motor power supply
14	-	-	Unused
15	EB13	2.5 RB	Power supply
16	EB15	2.5 RG	Power supply
17	LB08A	0.35 BrB	Sensor grounding
18	LB04A	0.35 BrW	Sensor power supply
19	LA06	0.35 YBr	Left front radar sensor signal
20	LA05	0.35 V	Left middle radar sensor signal
21	LA04	0.35 O	Right middle radar sensor signal
22	LA03	0.35 W	Right front radar sensor signal

Connect Floor harness B (ER38)



Terminals no.	Wire size	Wire diameter / color	Function
1	EB06	0.5 LB	Clutch position sensor grounding
2	-	-	Unused
3	LC02	0.35 BrB	Blind spot detection probe
4	LC06	0.35 RY	Front right blind spot detection probe data
5	LC05	0.35 GR	Front left blind spot detection probe data
6	LC01	0.35 BrW	Blind spot detection probe power supply
7	EB20	0.5 LR	Clutch position sensor power supply
8	EB21	0.5 LW	Clutch position sensor signal input
9	JR02	0.75 RW	Seat heating power supply
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	QJ12	0.35 RW	Front camera power supply +
18	QJ13	0.35 BW	Front camera radio signal-
19	QJ32	0.35 B	Front camera power supply
20	ZY01	2.5 RGr	Left seat adjustment power supply
21	ZY02	2.5 R	Right seat adjustment power supply
22	-	-	Unused

Connect Engine wiring harness (ER31)

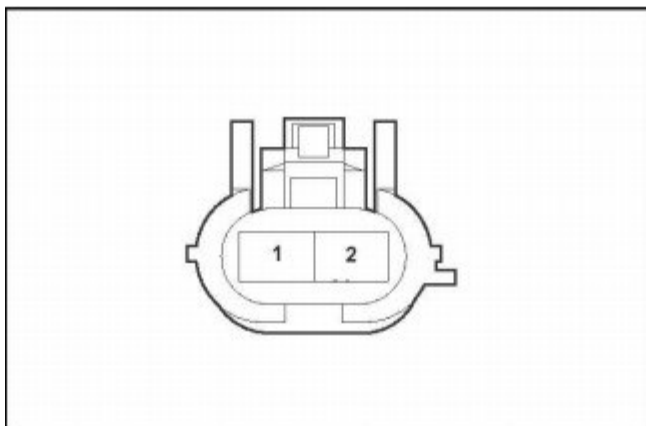


Terminals no.	Wire size	Wire diameter / color	Function
1	M190	0.75 WR	Main relay power supply through fuse FB10
2	M140	1.0 RL	Main relay power supply through fuse FB11
3	BT10B	2.5 R	Starting control+
4	-	-	Unused
5	M131	0.75 RB	Front oxygen sensor power supply
6	M701	0.75 GW	Compressor power supply
7	-	-	Unused
8	M191	1.0 RY	Injector power supply
9	MC07	0.35 WY	Vacuum pump relay control line
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	MC61	0.35 LB	Accelerator pedal Sensor position signal 2
14	-	-	Unused
15	MC18	0.35 YB	Brake switch normally open signal
16	MC02	0.5 RY	Ignition switch ON power supply
17	MC17	0.35 V	Diagnostic interface K line
18	MC49	0.35 Y	Sensor reference voltage grounding
19	-	-	Unused
20	MC25	0.35 YR	Brake switch normally closed signal

Arrangement of harness and plug instructions

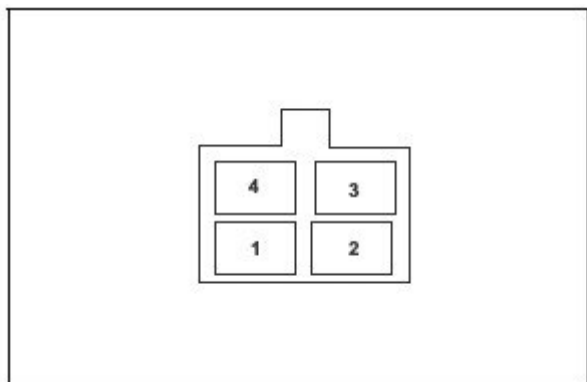
Terminals no.	Wire size	Wire diameter / color	Function
21	M157	0.5 R	ON gear power supply
22	I16	0.35 W	Charging indicator
23	MC37	0.35 G	Sensor reference voltage 2
24	MC38	0.35 BrB	Braking vacuum sensor signal
25	MC19	0.35 GW	Air condition pressure switch high and low pressure signal
26	MC13	0.35 GrL	Rear oxygen sensor heating control
27	I09	0.35 GrB	Engine oil press sensor signal
28	MC10	0.35 YG	Clutch switch signal
29	MC35	0.35 YB	Accelerator pedal Sensor position signal 1
30	MC63	0.5 RW	Battery power supply
31	MC42	0.35 Gr	Rear oxygen sensor signal
32	-	-	Unused
33	MC53	0.35 YL	Air condition pressure switch medium pressure signal
34	MC51	0.35 R	Sensor reference voltage 2
35	MC09	0.35 RY	Compressor relay
36	MC14	0.35 RW	Main relay control line
37	MC12	0.35 G	CAN_H
38	MC04	0.35 RG	Fan relay (low speed) control
39	MC50	0.35 BrR	Sensor reference voltage grounding
40	MC60	0.35 RB	Oil pump relay
41	MC05	0.35 RL	Fan relay (High speed) control
42	MC11	0.35 L	CAN_L

Vacuum pump (ER19)



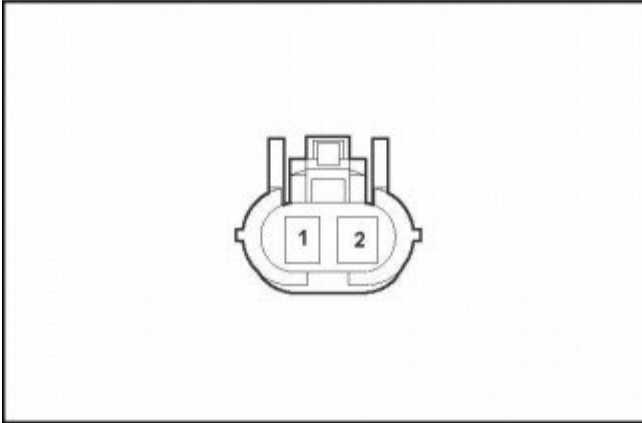
Terminals no.	Wire size	Wire diameter / color	Function
1	M168	1.5 L	Vacuum pump power supply
2	G1003A	1.5 B	grounding

Brake switch (ER35)



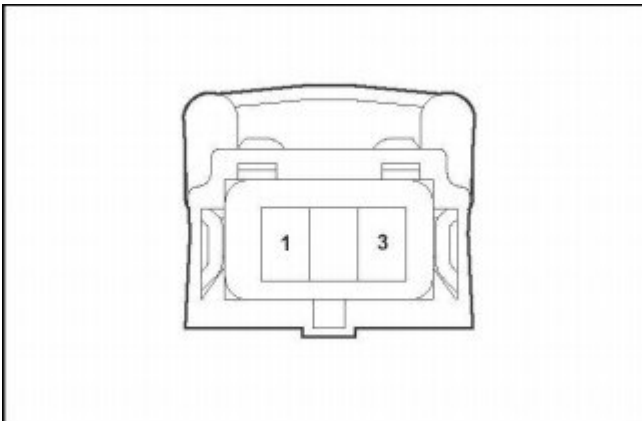
Terminals no.	Wire size	Wire diameter / color	Function
1	IP16A	0.5 Br	Normally closed power supply
2	MC25A	0.35 YR	Normally closed signal
3	BT25	0.5 RL	Normally open end power supply
4	MC18A	0.35 YB	Normally open signal

Brake fluid level sensor (ER12)



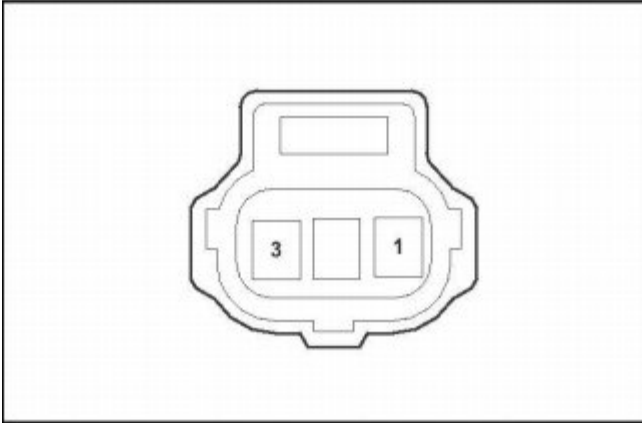
Terminals no.	Wire size	Wire diameter / color	Function
1	I26	0.35 BrL	Low level alarm indication
2	G1009F	0.35 B	Grounding

Braking vacuum sensor (ER18)



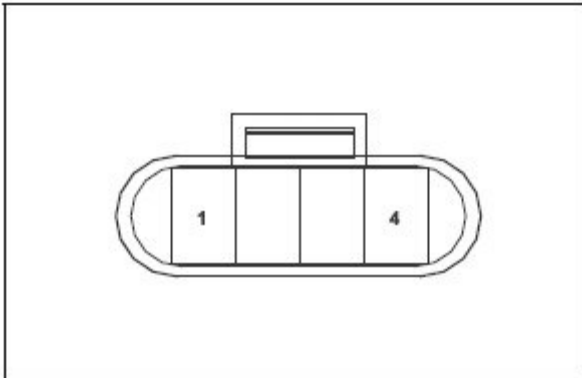
Terminals no.	Wire size	Wire diameter / color	Function
1	MC38	0.35 BrB	Braking vacuum sensor signal
2	MC49A	0.35 W	reference voltage grounding
3	MC37B	0.35 G	5V reference voltage

Clutch pedal angle sensor (ER33)



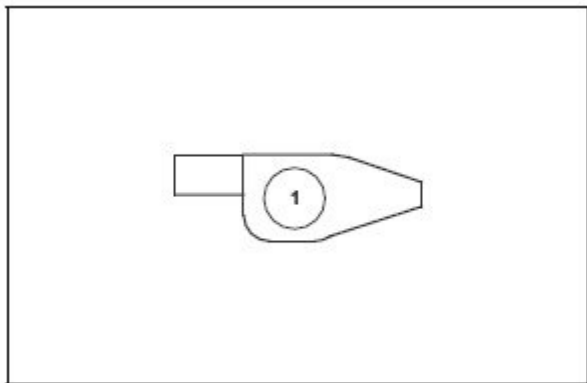
Terminals no.	Wire size	Wire diameter / color	Function
1	EB20	0.5 LR	Clutch position sensor power supply
2	EB06	0.5 LB	Clutch position sensor grounding
3	EB21	0.5 LW	Clutch position sensor signal input

Rear oxygen sensor (ER11)



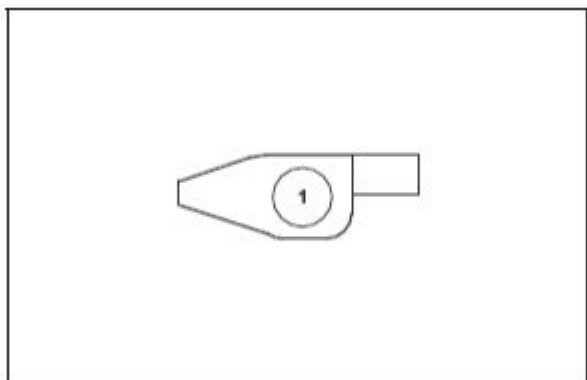
Terminals no.	Wire size	Wire diameter / color	Function
1	MC49C	0.35 L	Reference voltage grounding
2	MC42	0.35 Gr	Rear oxygen sensor signal
3	MC13	0.35 GrL	Rear oxygen sensor heating control
4	M130	0.75 RG	Rear oxygen sensor power supply

Bonding1 (G1003) (ER09)



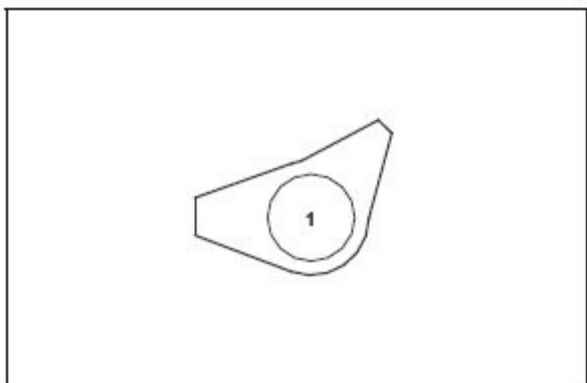
Terminals no.	Wire size	Wire diameter / color	Function
1	G1003	1.5 B	Refer to “grounding location, function and distribution”

Bonding2 (G1004) (ER16)



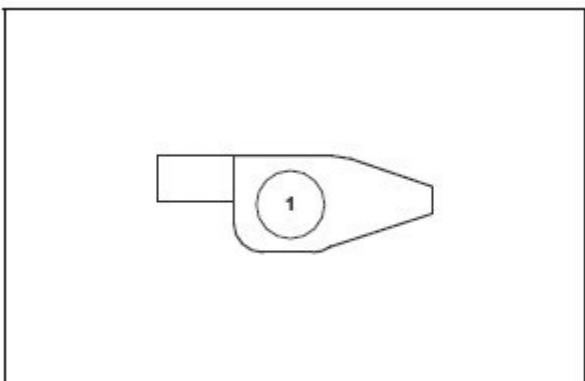
Terminals no.	Wire size	Wire diameter / color	Function
1	G1004	2.5 B	Refer to “grounding location, function and distribution”

Bonding (G1002) (ER30)



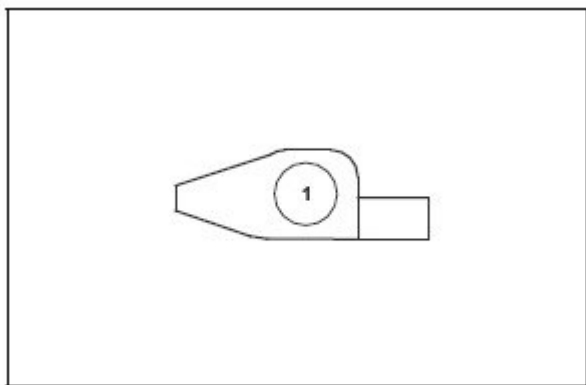
Terminals no.	Wire size	Wire diameter / color	Function
1	G1002	16.0 B	Refer to “grounding location, function and distribution”

Bonding4 (G1008) (ER25)



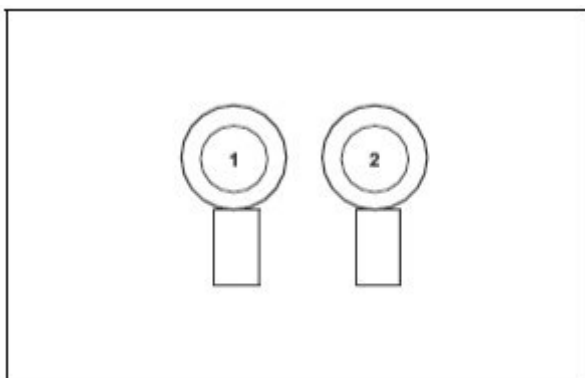
Terminals no.	Wire size	Wire diameter / color	Function
1	G1008	1.5 B	Refer to “grounding location, function and distribution”

Bonding 5 (G1009) (ER01)



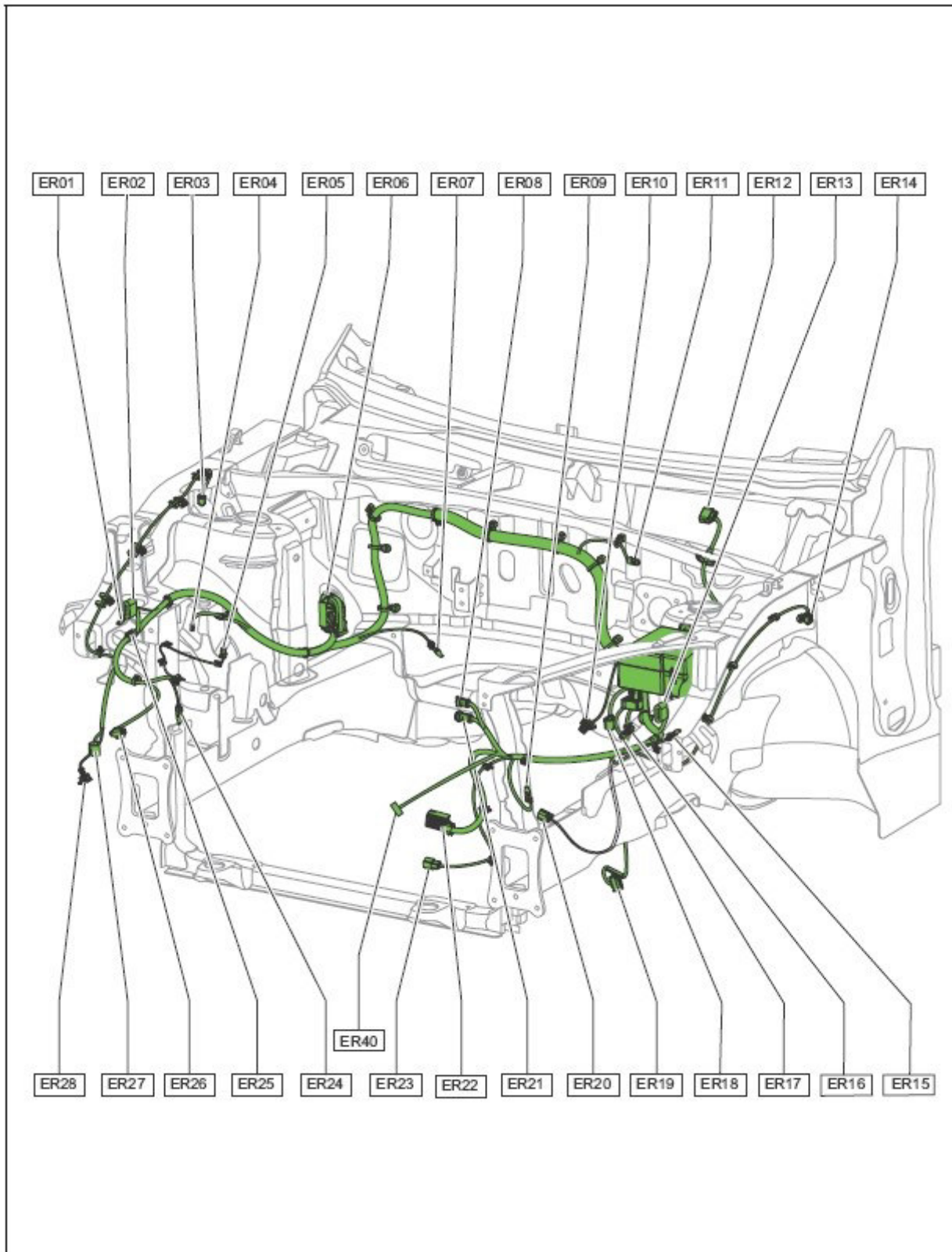
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009	1.0 B	Refer to “grounding location, function and distribution”

Bonding6 (G1010) (ER07)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1010A	2.5 B	Refer to “grounding location, function and distribution”
2	G1010	4.0 B	

Engine room wiring harness-Left view-2.0T (DCT)



Engine room wiring harness-Left view plug definition

Plug code	Connected electrical equipment
ER01	Bonding 5 (G1009)
ER02	Front right combination lamps-halogen
	Front right combination lamps-Xenon
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Rear oxygen sensor
ER11	Brake fluid level sensor
ER12	Front wiper motor
ER13	Front left combinatory lamp-halogen
	Front left combinatory lamp-Xenon
ER14	Front left wheel speed Sensor
ER15	Bonding 2 (G1004)
ER16	Front left steering lamp
ER17	Braking vacuum sensor
ER18	Vacuum pump
ER19	Front vehicle height Sensor
ER20	Front left horn
ER21	Left electronic fan
ER22	DCT transmission
ER23	Outdoor temperature Sensor
ER24	Bonding 4 (G1008)
ER25	Front right steering lamp
ER26	Front right horn
ER27	Headlamp washmotor
ER28	Air window washmotor

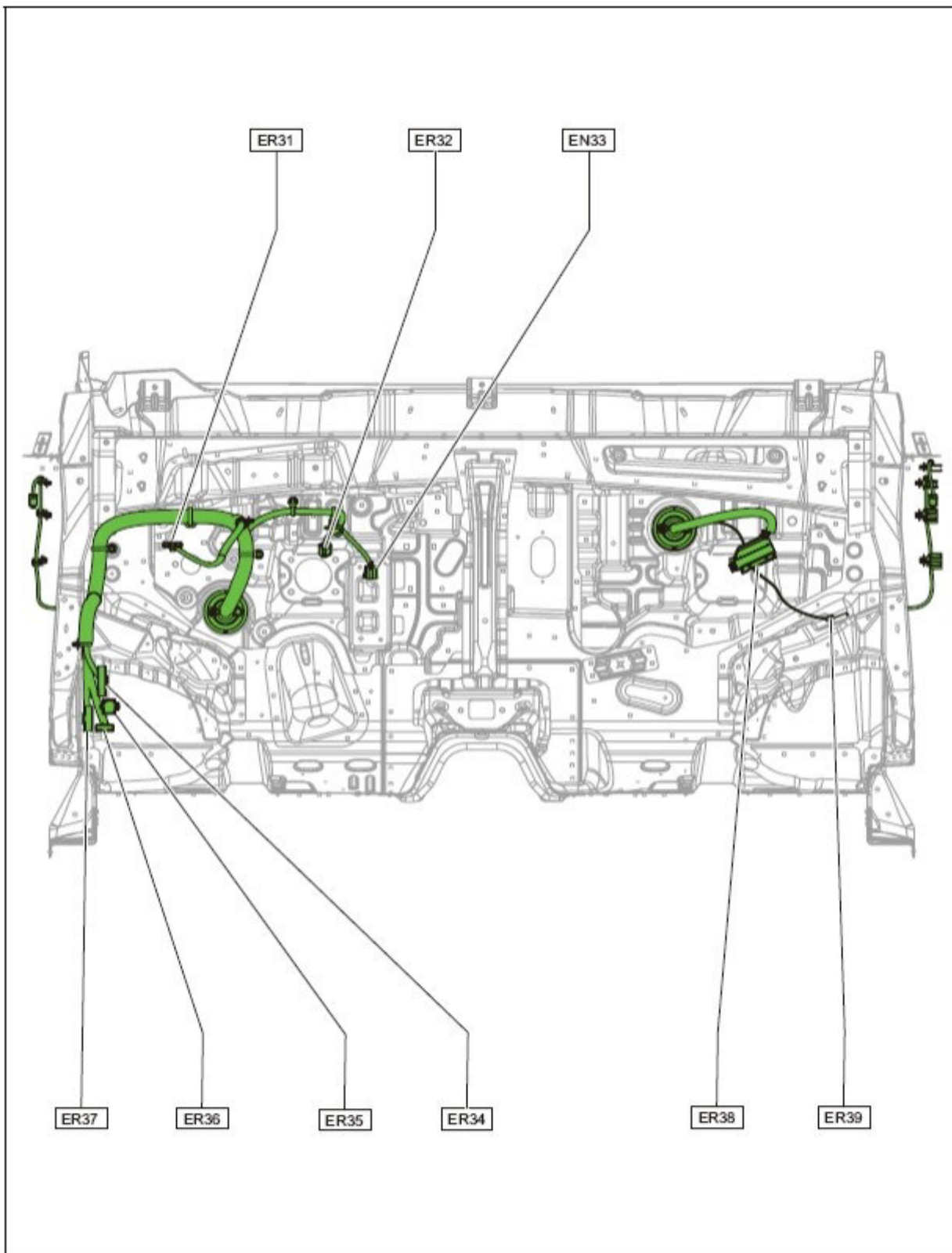
Engine room wiring harness- Right view-2.0T (DCT)



Engine room wiring harness- Right view plug definition

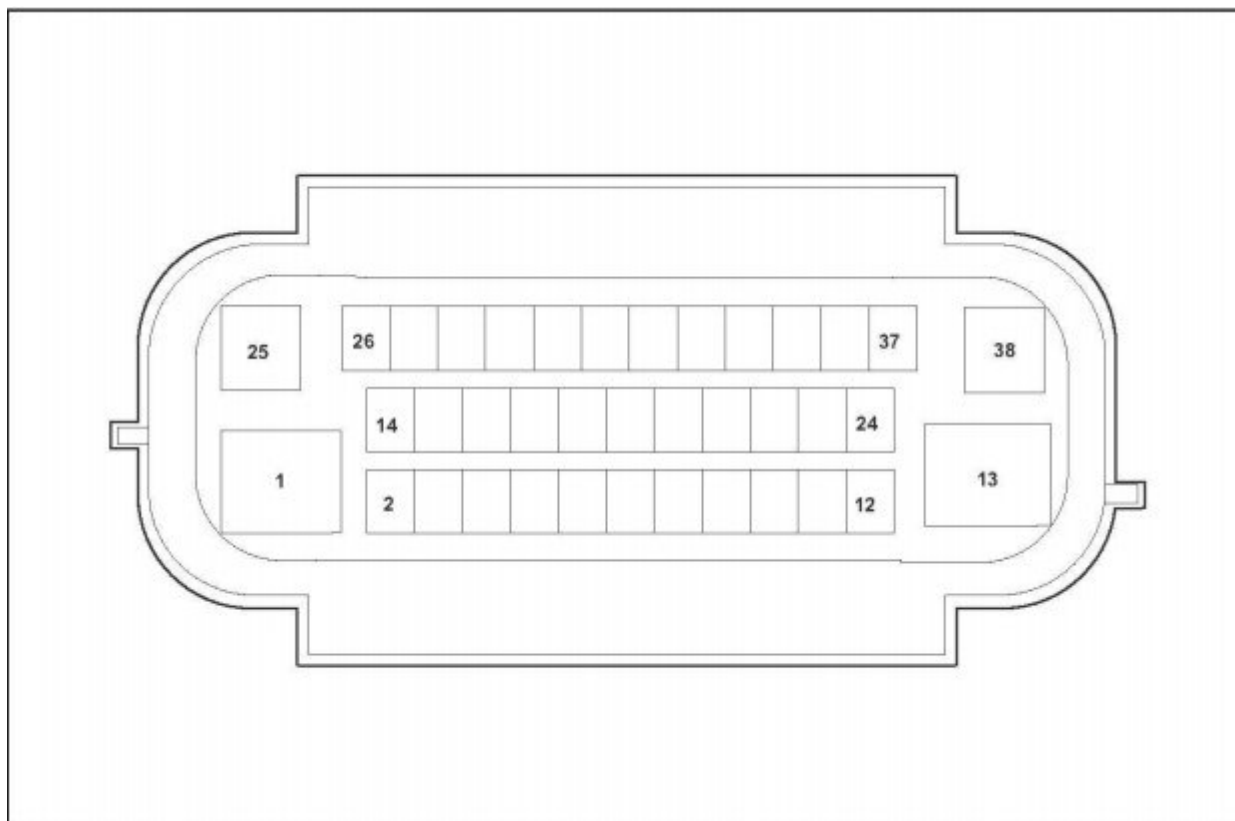
Plug code	Connected electrical equipment
ER01	Bonding 5 (G1009)
ER02	Front right combination lamps
ER03	Front right wheel speed sensor
ER04	Air condition pressure switch
ER05	Front canopy signal switch
ER06	ABS/ESC controller
ER07	Bonding 6 (G1010)
ER08	Right electronic fan
ER09	Bonding 1 (G1003)
ER10	Rear oxygen sensor
ER11	Brake fluid level sensor
ER12	Front wiper motor
ER13	Front left combinatory lamp
ER14	Front left wheel speed Sensor
ER15	Bonding 2 (G1004)
ER16	Front left steering lamp
ER17	Braking vacuum sensor
ER18	Vacuum pump
ER19	Front vehicle height sensor
ER20	Front left horn
ER21	Left electronic fan
ER22	DCT transmission
ER23	Outdoor temperature sensor
ER24	Bonding 4 (G1008)
ER25	Front right steering lamp
ER26	Front right horn
ER27	Headlamp washmotor
ER28	Air window washmotor
ER29	Connect engine wiring harness
ER30	Bonding (G1002)
ER40	Connect front harness

Engine room wiring harness-back-2.0T (DCT)



Engine room wiring harness-back plug definition

Plug code	Connected electrical equipment
ER31	Connect dashboard electrical box
ER32	Brake switch
ER33	Electronic accelerator pedal
ER34	Connect Instrument panel wiring harness plug A
ER35	Connect Floor harness B
ER36	Connect Instrument panel wiring harness plug B
ER37	Connect floor harness A
ER38	TCU control unit
ER39	Bonding 7 (TU01)

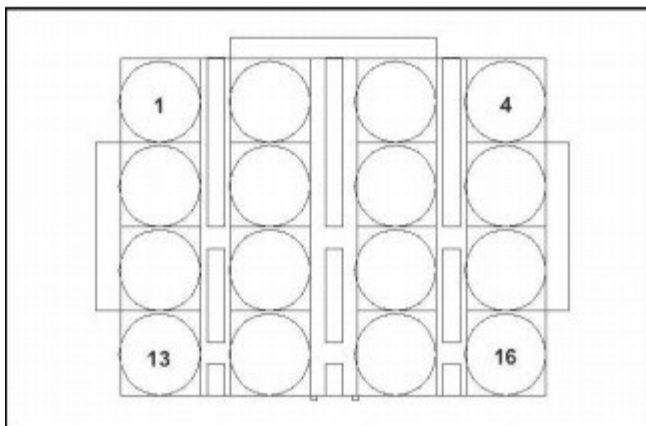
Engine room wiring harness plug description-2.0T (DCT)**ABS/ESC controller (ER06)**

Terminals no.	Wire size	Wire diameter / color	Function
1	A01	4.0 R	Motor normally power supply
2	-	-	Unused
3	-	-	Unused
4	A12	0.5 R	ESC switch signal
5	-	-	Unused
6	-	-	Unused
7	AC26A	0.35 G	CAN_H
8	AC14A	0.35 L	CAN_L
9	A19	0.35 LW	Front left wheel speed Sensor power supply
10	A16	0.35 LO	Front right wheel speed sensor power supply
11	A31	0.35 GrY	Left rear wheel speed Sensor power supply
12	A17	0.35 WY	Right rear wheel speed Sensor power supply
13	G1010	4.0 B	Motor grounding

Arrangement of harness and plug instructions

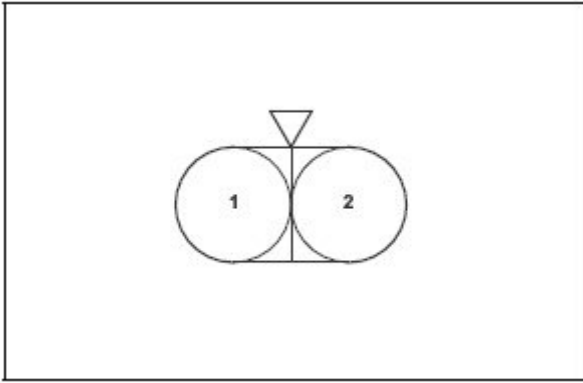
Terminals no.	Wire size	Wire diameter / color	Function
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	A28	0.5 RY	ON gear power supply
19	-	-	Unused
20	-	-	Unused
21	A08	0.35 BrR	Front left wheel speed Sensor signal
22	A04	0.35 Y	Front right wheel speed sensor signal
23	A18	0.35 W	Left rear wheel speed Sensor signal
24	A29	0.35 LgB	Right rear wheel speed Sensor signal
25	A25	2.5 Gr	Valve normally power supply
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	-	-	Unused
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	G1010A	2.5 B	Valve grounding

Connect front harness (ER40)



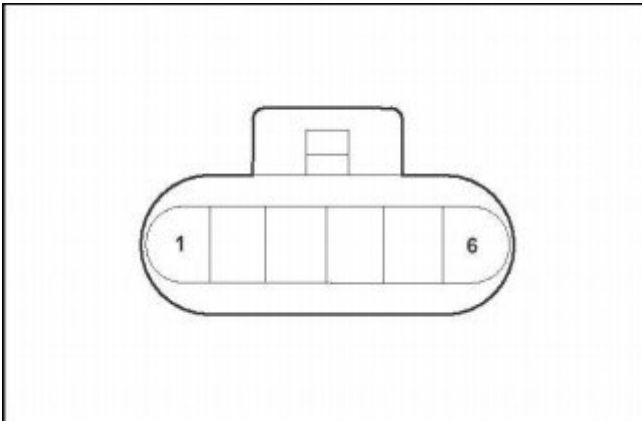
Terminals no.	Wire size	Wire diameter - color	Function
1	B215	0.75 GY	Front fog lamp power supply
2	G1004	0.75 B	grounding
3	LC06	0.35 RY	Front right blind spot detection probe data
4	LC05	0.35 GR	Front left blind spot detection probe data
5	LA03	0.35 W	Right front radar sensor signal
6	LA04	0.35 O	Right middle radar sensor signal
7	LA05	0.35 V	Left middle radar sensor signal
8	LA06	0.35 YBr	Left front radar sensor signal
9	LB04	0.35 BrW	Sensor power supply
10	LB08	0.35 BrB	Sensor grounding
11	QJ12	0.35 RW	Front camera power supply +
12	QJ13	0.35 BW	Front camera video signal-
13	QJ32	0.35 B	Front camera power supply
14	QJ33	0.35 P	Front camera video signal+
15	LC02	0.35 BrB	blind spot detection probe
16	LC01	0.35 BrW	blind spot detection probe power supply

Headlamp washmotor (ER27)



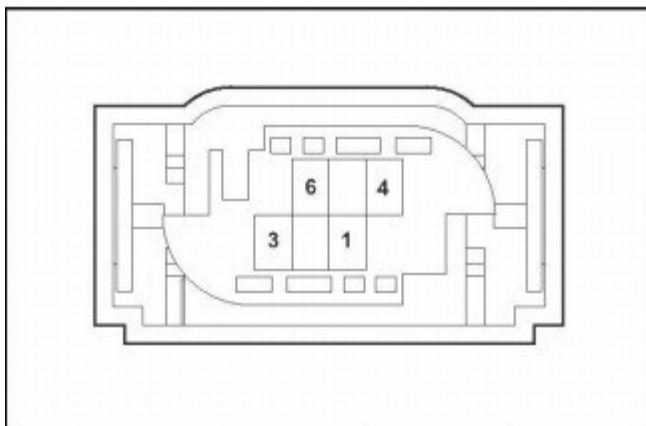
Terminals no.	Wire size	Wire diameter / color	Function
1	JD02	2.5 W	Motor power supply
2	G1008A	2.5 B	Motor grounding

Electronic accelerator pedal (ER33)



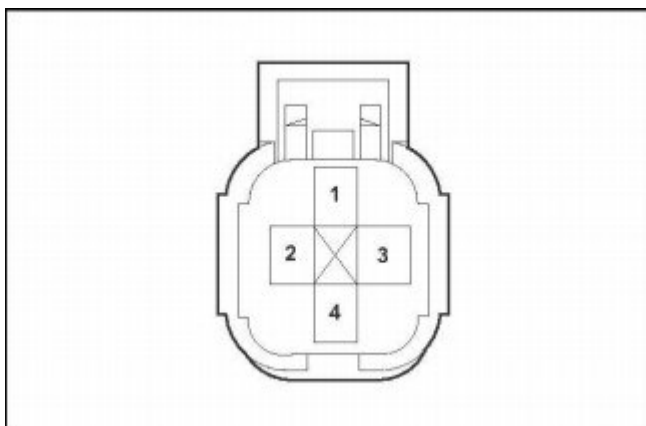
Terminals no.	Wire size	Wire diameter / color	Function
1	MC61	0.35 LB	Accelerator pedal sensor position signal 2
2	MC49B	0.35 Y	Sensor reference voltage grounding
3	MC37A	0.35 G	Sensor reference voltage 2
4	MC35	0.35 YB	Accelerator pedal sensor position signal 1
5	MC50	0.35 BrR	Sensor reference voltage grounding
6	MC51	0.35 R	Sensor reference voltage 2

Front vehicle height Sensor (ER19)



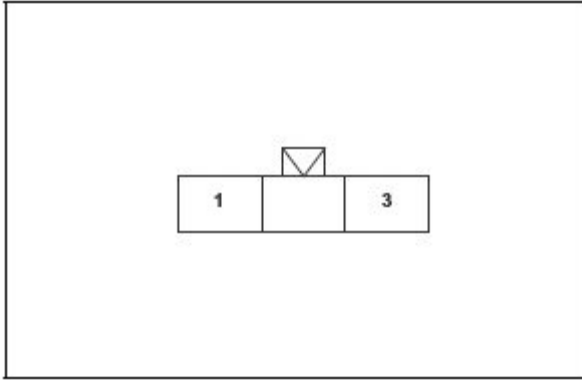
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	AL11C	0.35 BrG	ON gear power supply
3	AL09	0.35 BrW	Front height position sensor signal
4	-	-	Unused
5	-	-	Unused
6	G1004M	0.35 B	Grounding

Air condition pressure switch (ER04)



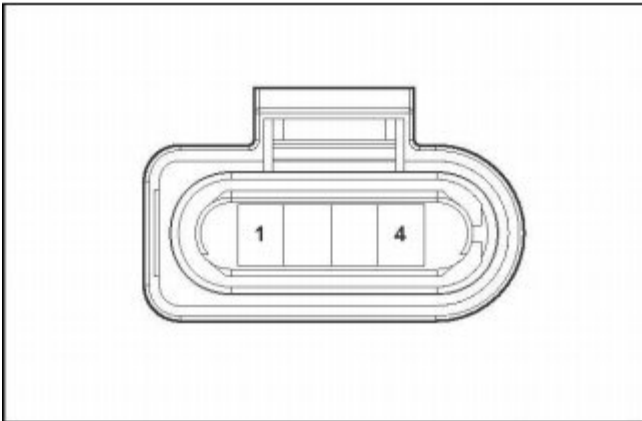
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009G	0.35 B	Grounding
2	MC53	0.35 YL	Middle voltage switch signal
3	G1009E	0.35 B	Grounding
4	MC19	0.35 GW	High and low voltage signal

Front canopy signal switch (ER05)



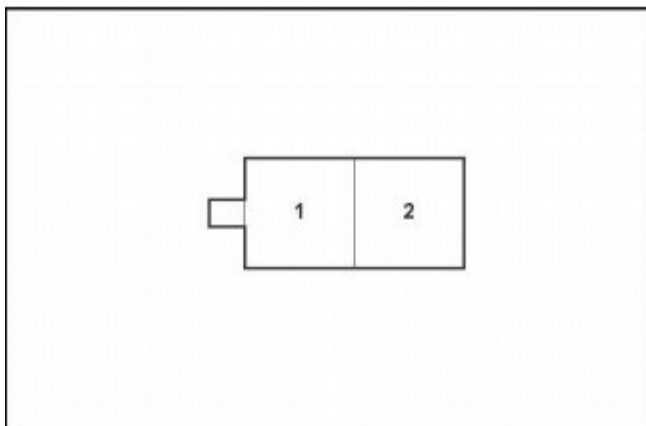
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	G1008C	0.5 B	Grounding
3	BE19	0.35 GrR	Switch signal

Front wiper motor (ER12)



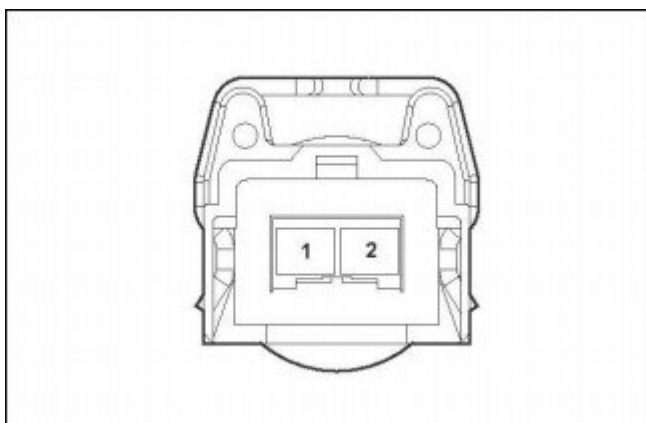
Terminals no.	Wire size	Wire diameter / color	Function
1	BB05	1.5 G	Front wiper motor (High speed) +
2	BB04	1.5 V	Front wiper motor (low speed) +
3	BE24	0.35 GW	Motor stop position signal
4	G1003B	1.5 B	Motor grounding

Outdoor temperature sensor (ER23)

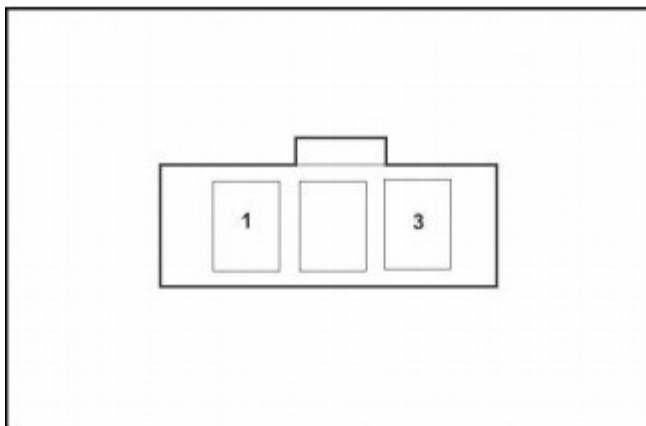


Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Sensor +
2	K09	0.35 B	Sensor -

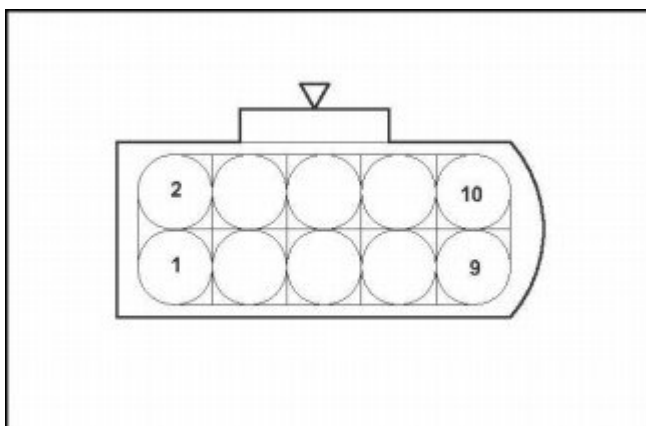
Air window washmotor (ER28)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC05	0.5 LY	Motor front washing+
2	BC11	0.5 YL	Motor rear washing+

Connect dashboard Electrical box **(ER31)**

Terminals no.	Wire size	Wire diameter / color	Function
1	BT20	2.5 Br	Battery power supply through fuse FB26
2	BT07	2.5 R	Battery power supply through fuse SB06
3	BT11	6.0 RW	Battery power supply through fuse SB07

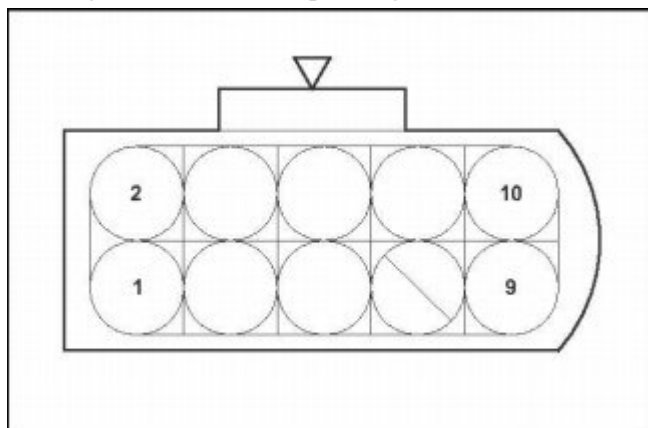
Front right combination lamps-Xenon **(ER02)**

Terminals no.	Wire size	Wire diameter / color	Function
1	AL05	0.35 GY	Right regulating controller
2	C43	0.75 GW	Right high beam+
3	G1009C	0.75 B	Clearance lamp and low beam grounding
4	C44B	0.75 GW	Right low beam+
5	G1009B	0.5 B	Controller grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL06	0.35 LR	Headlamp height motor position signal

Arrangement of harness and plug instructions

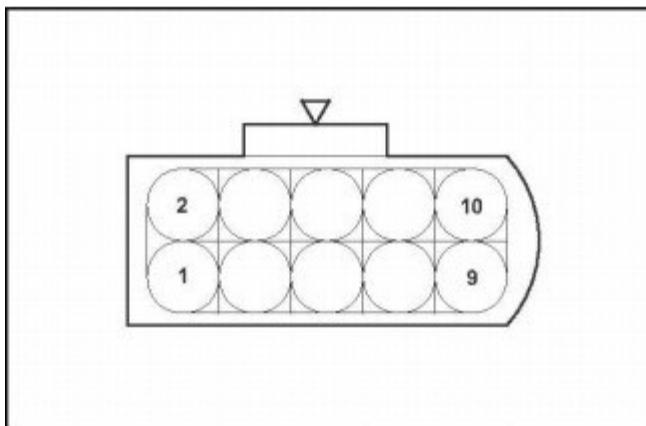
8	AL11A	0.35 BrG	Regulating controller power supply
9	G1009A	0.75 B	Lamp grounding
10	BC03H	0.5 GB	Clearance lamp+

Front right combination lamps-halogen (ER02)



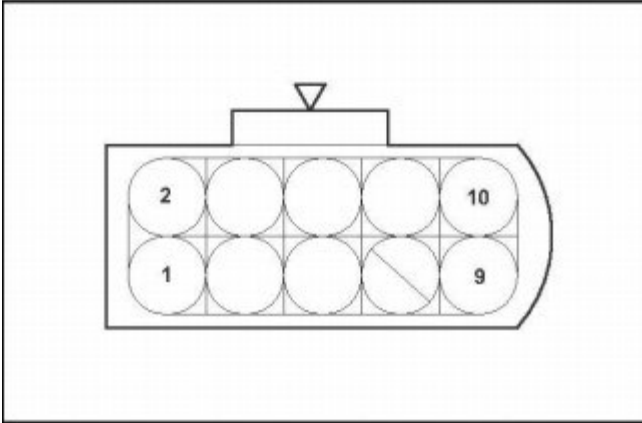
Terminals no.	Wire size	Wire diameter / color	Function
1	C45A	0.35 BY	Headlamp signal
2	C43	0.75 GW	Right high beam+
3	G1009C	0.75 B	Clearance lamp and low beam grounding
4	C44B	0.75 GW	Right low beam+
5	G1009B	0.5 B	High beam grounding
6	DR01B	0.35 LW	Daytime running lamps+
7	-	-	Unused
8	C44A	0.75 GW	Headlamp height regulator motor+
9	G1009A	0.75 B	Regulator motor grounding
10	BC03H	0.5 GB	Clearance lamp+

Front left combinatory lamp-Xenon (ER13)



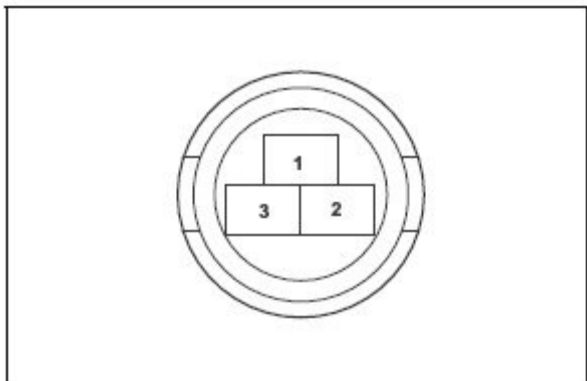
Terminals no.	Wire size	Wire diameter / color	Function
1	AL07	0.35 WL	Left adjustment controller+
2	C41	0.75 GR	Left high beam+
3	G1004C	0.75 B	Clearance lamp and low beam grounding
4	C42C	0.75 GL	Left low beam+
5	G1004B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	AL08	0.35 GR	Headlamp height motor position signal
8	AL11B	0.35 BrG	Regulator motor power supply
9	G1004A	0.75 B	Regulator motor grounding
10	BC03A	0.5 GB	Clearance lamp+

Front left combinatory lamp-halogen (ER13)



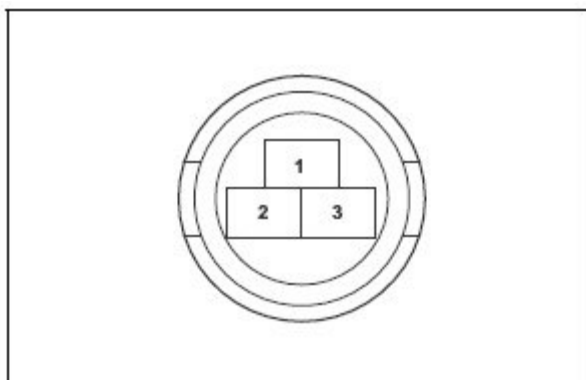
Terminals no.	Wire size	Wire diameter / color	Function
1	C45	0.35 BY	Headlamp signal
2	C41	0.75 GR	Left high beam+
3	G1004C	0.75 B	Clearance lamp and low beam grounding
4	C42C	0.75 GL	Left low beam+
5	GL004B	0.5 B	High beam grounding
6	DR01A	0.35 LW	Daytime running lamps+
7	-	-	Unused
8	C42A	0.5 GL	Headlamp height regulator motor+
9	G1004A	0.75 B	Regulator motor grounding
10	BC03A	0.5 GB	Clearance lamp+

Right electronic fan (ER08)



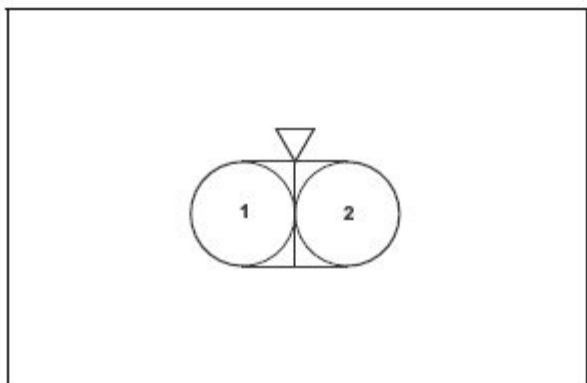
Terminals no.	Wire size	Wire diameter / color	Function
1	M501B	2.5 GW	Fan high speed+
2	M502A	2.5 GR	Fan low speed+
3	G1003C	4.0 B	Grounding

Left electronic fan (ER21)



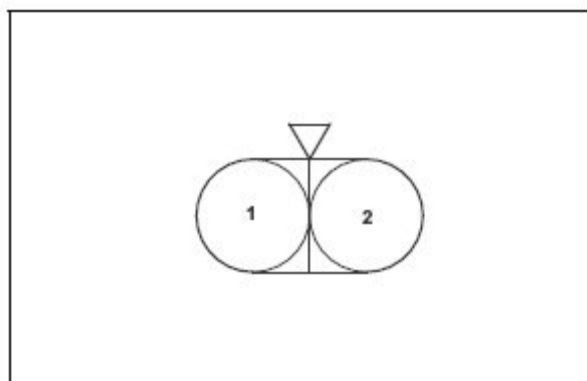
Terminals no.	Wire size	Wire diameter / color	Function
1	M501A	2.5 GW	Fan high speed+
2	M502B	2.5 GR	Fan low speed+
3	G1003B	4.0 B	Grounding

Right Horn (ER26)



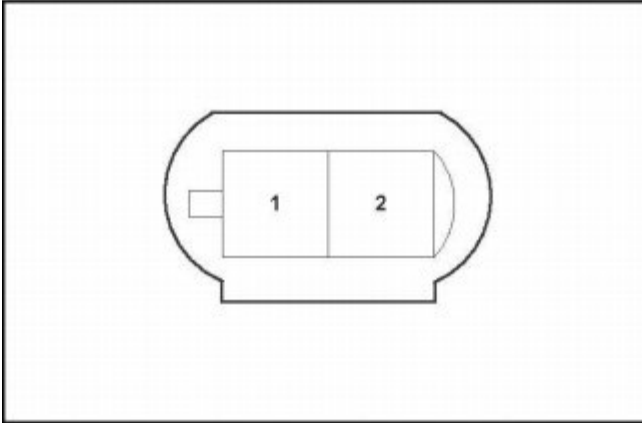
Terminals no.	Wire size	Wire diameter / color	Function
1	BB03B	1.5 G	Horn+
2	G1008	1.5 B	Grounding

Left Horn (ER20)



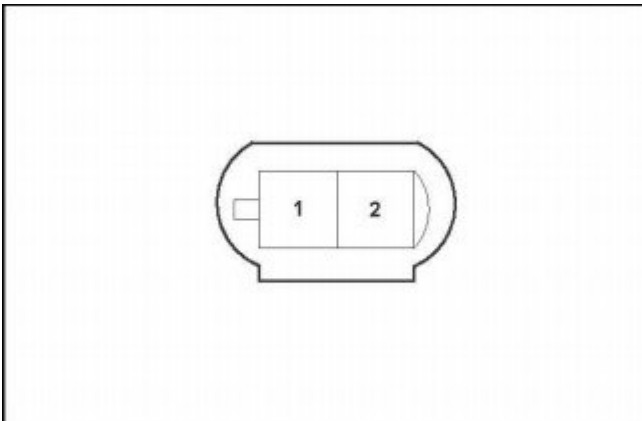
Terminals no.	Wire size	Wire diameter / color	Function
1	BB03A	1.5 G	Horn+
2	G1003	1.5 B	grounding

Front right wheel speed sensor (ER03)



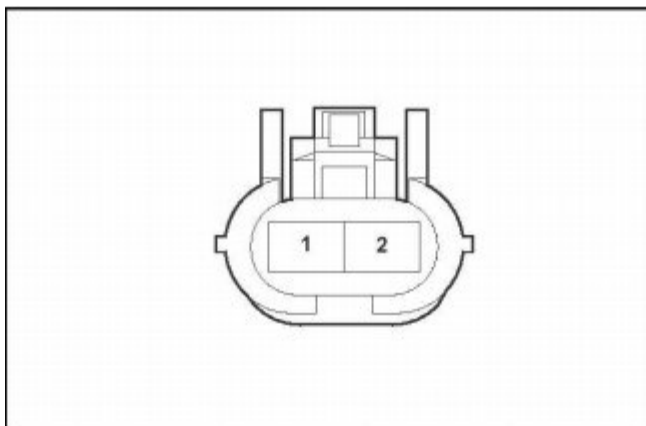
Terminals no.	Wire size	Wire diameter / color	Function
1	A04	0.35 Y	Sensor signal
2	A16	0.35 LO	Sensor power supply

Front left wheel speed Sensor (ER14)



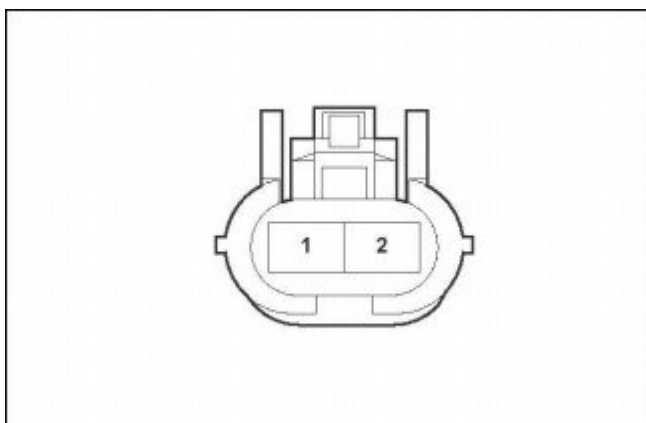
Terminals no.	Wire size	Wire diameter / color	Function
1	A08	0.35 BrR	Sensor signal
2	A19	0.35 LW	Sensor power supply

Front right steering lamp **(ER25)**



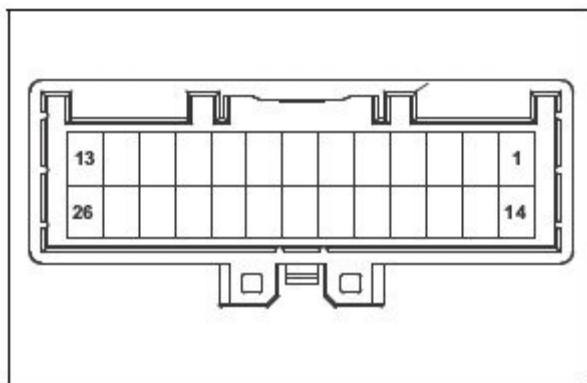
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009G	0.35 B	Grounding
2	BC01A	0.35 LW	Steering lamp power supply

Front left steering lamp **(ER16)**



Terminals no.	Wire size	Wire diameter / color	Function
1	G1004G	0.35 B	Grounding
2	BC02A	0.35 LW	Steering lamp power supply

Connect Instrument panel wiring harness plug A (ER34)

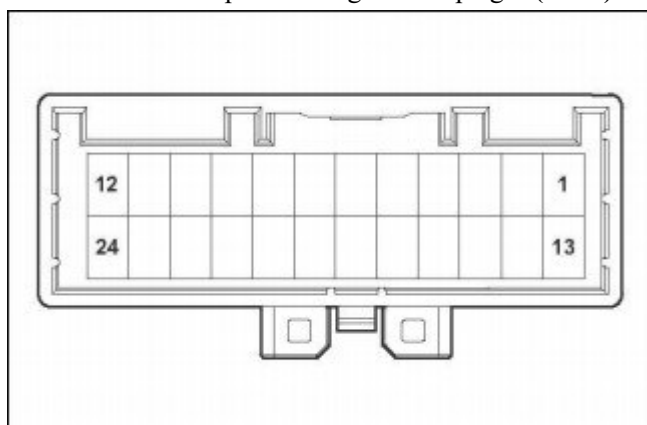


Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor (low speed) +
2	BB03	1.5 R	Compound horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control
5	JD06	0.75 GrW	Rearview mirror motor folded+
6	JD07	0.75 V	Rearview mirror motor open+
7	BT05	2.5 R	Battery power supply through fuse SB05
8	JD014	0.75 WY	Rear wiper relay power supply
9	JD016	2.5 RB	Rear defrosting relay power supply
10	BB05	1.5 G	Front wiper motor (High speed) +
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA07	0.35 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	Unused
15	IG03	1.5 RY	Power supply through ON gear of fuse IF04
16	MC10B	0.35 YG	Clutch switch signal (To PEPS controller)
17	LA10A	0.5 YB	Back-up switch signal
18	PB08	0.35 GrB	Starter relay control line
19	GM03	0.5 Y	Gear shift mechanism power supply
20	A28B	0.5 RY	Rotating angle sensor ON gear power supply
21	IP16A	0.5 LR	Brake switch normally closed end normally power

Arrangement of harness and plug instructions

			supply
22	PA05	0.35 YR	Brake switch normally closed signal (To PEPS)
23	I16	0.35 W	Instrument charging indicator signal
24	I09	0.35 GrB	Engine oil pressure low alarm signal
25	K09	0.35 B	Outdoor temperature Sensor -
26	AC26	0.35 G	CAN_H

Connect Instrument panel wiring harness plug **B (ER36)**

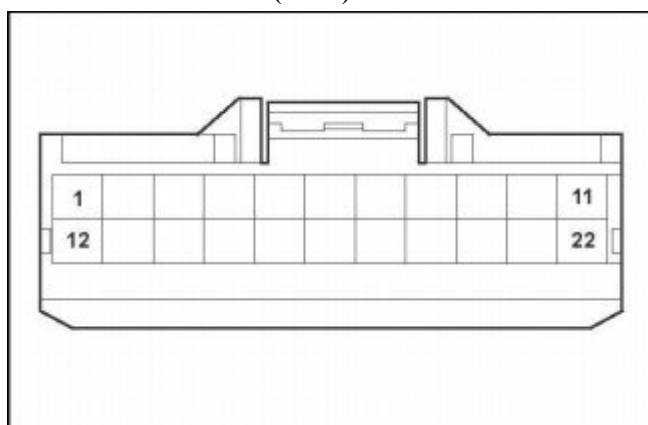


Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.35 LO	Electronic rearview mirror open relay control line
2	BD27	0.35 GrG	Electronic rearview mirror folded relay control line
3	MC02	0.5 RY	Ignition switch IGN power supply
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03B	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 R	ESC Switch signal
7	BC11	0.5 YL	Washmotor rear washing+
8	BD24	0.35 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	-	-	Unused
11	PC19	0.35 R	Starting current feedback signal
12	BC05	0.5 LY	Washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height Sensor ON gear power supply
14	K01	0.35 V	Outdoor temperature sensor +

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	-	-	Unused
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.35 LW	Front left steering lamp power supply
20	BC01A	0.35 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	MC17	0.35 V	Engine ECU diagnosis K line
23	BD30	0.35 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Connect Floor harnessA (ER37)

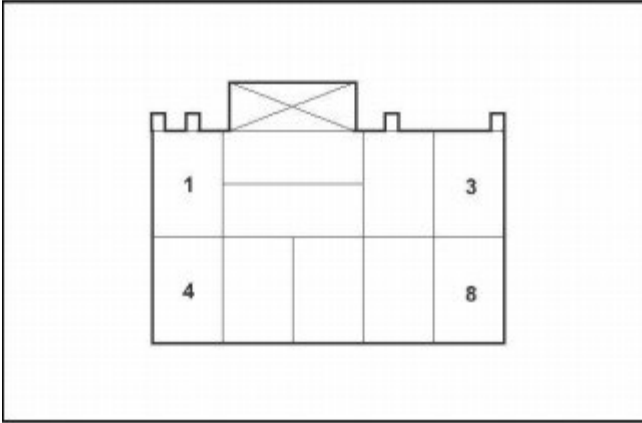


Terminals no.	Wire size	Wire diameter / color	Function
1	A17	0.35 WY	Right rear wheel speed sensor +
2	A29	0.35 LgB	Right rear wheel speed sensor signal
3	-	-	Unused
4	A18	0.35 LgR	Left rear wheel speed sensor signal
5	A31	0.35 GrY	Left rear wheel speed sensor +
6	-	-	Unused
7	AL05	0.35 GL	Right headlamp signal controller signal
8	AL06	0.35 LR	Right headlamp signal motor position feedback

Arrangement of harness and plug instructions

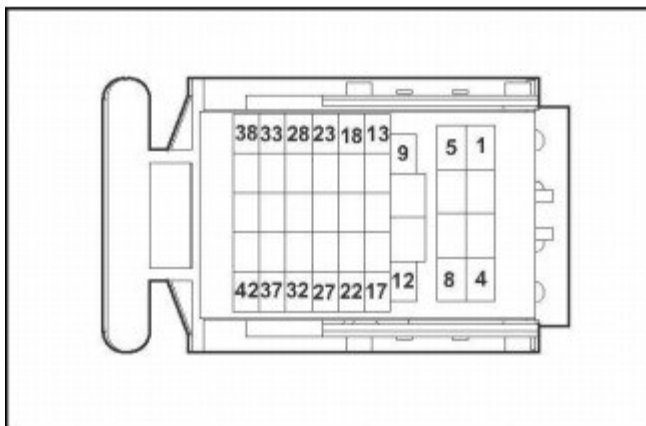
Terminals no.	Wire size	Wire diameter / color	Function
9	AL07	0.35 WL	Left headlamp signal controller signal
10	AL08	0.35 GR	Left headlamp signal motor position feedback
11	AL09	0.35 BrW	Front vehicle height Sensor signal
12	N128	1.5 R	Back-up power supply+
13	M691	0.75 YR	Fuel pump motor power supply
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	LB08A	0.35 BrB	Sensor grounding
18	LB04A	0.35 BrW	Sensor power supply
19	LA06	0.35 YBr	Left front radar sensor signal
20	LA05	0.35 V	Left middle radar sensor signal
21	LA04	0.35 O	Right middle radar sensor signal
22	LA03	0.35 W	Right front radar sensor signal

Connect Floor harness **B (ER35)**



Terminals no.	Wire size	Wire diameter / color	Function
1	ZY01	2.5 RGr	Left power seat power supply
2	ZY02	2.5 R	Right power seat power supply
3	JR02	0.75 RW	Seat heating power supply
4	EB13	2.5 RB	Left motor power supply
5	EB15	2.5 RG	Right motor power supply
6	EB20	0.5 LR	Clutch position sensor power supply
7	EB06	0.5 LB	Clutch position sensor grounding
8	EB21	0.5 LW	Clutch position sensor signal input

Connect Engine wiring harness (ER29)

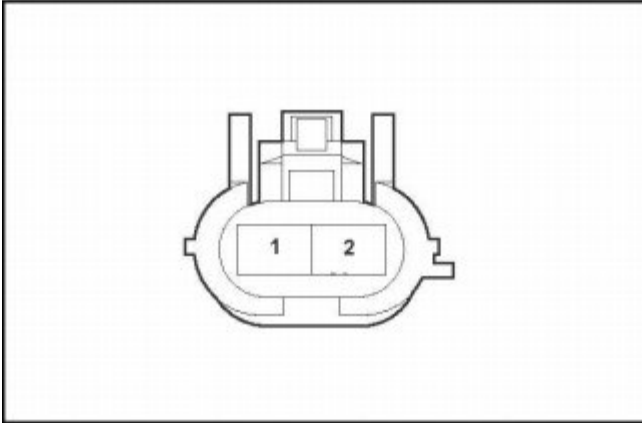


Terminals no.	Wire size	Wire diameter / color	Function
1	M190	0.75 WR	Main relay power supply through fuse FB10
2	M140	1.0 RL	Main relay power supply through fuse FB11
3	BT10B	2.5 R	Starting control+
4	-	-	Unused
5	M131	0.75 RB	Front oxygen sensor power supply
6	M701	0.75 GW	Compressor power supply
7	-	-	Unused
8	M191	1.0 RY	Injector power supply
9	MC07	0.35 WY	Vacuum pump relay control line
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	MC61	0.35 LB	Accelerator pedal sensor position signal 2
14	-	-	Unused
15	MC18	0.35 YB	Brake switch normally open signal
16	MC02	0.5 RY	Ignition switch ON power supply
17	MC17	0.35 V	Diagnostic interface K line
18	MC49	0.35 Y	Sensor reference voltage grounding
19	-	-	Unused
20	MC25	0.35 YR	Brake switch normally closed signal

Arrangement of harness and plug instructions

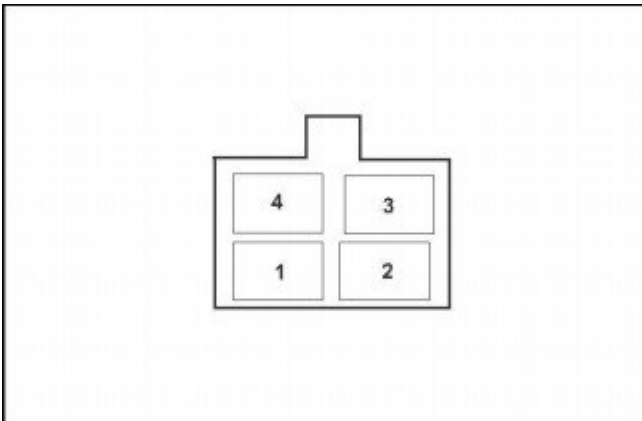
Terminals no.	Wire size	Wire diameter / color	Function
21	M157	0.5 R	ON gear power supply
22	I16	0.35 W	Charging indicator
23	MC37	0.35 G	Sensor reference voltage 2
24	MC38	0.35 BrB	Braking vacuum sensor signal
25	MC19	0.35 GW	Air condition pressure switch high and low pressure signal
26	MC13	0.35 GrL	Rear oxygen sensor heating control
27	I09	0.35 GrB	Engine oil press sensor signal
28	MC10	0.35 YG	Clutch switch signal
29	MC35	0.35 YB	Accelerator pedal sensor position signal 1
30	MC63	0.5 RW	Battery power supply
31	MC42	0.35 Gr	Rear oxygen sensor signal
32	-	-	Unused
33	MC53	0.35 YL	Air condition pressure switch medium pressure signal
34	MC51	0.35 R	Sensor reference voltage 2
35	MC09	0.35 RY	Compressor relay
36	MC14	0.35 RW	Main relay control line
37	MC12	0.35 G	CAN_H
38	MC04	0.35 RG	Fan relay (low speed) control
39	MC50	0.35 BrR	Sensor reference voltage grounding
40	MC60	0.35 RB	Oil pump relay
41	MC05	0.35 RL	Fan relay (high speed) control
42	MC11	0.35 L	CAN_L

Vacuum pump (ER18)



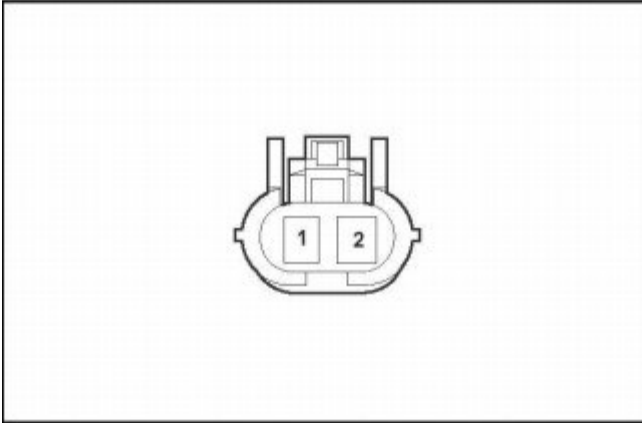
Terminals no.	Wire size	Wire diameter / color	Function
1	M168	1.5 L	Vacuum pump power supply
2	G1003A	1.5 B	Grounding

Brake switch (ER32)



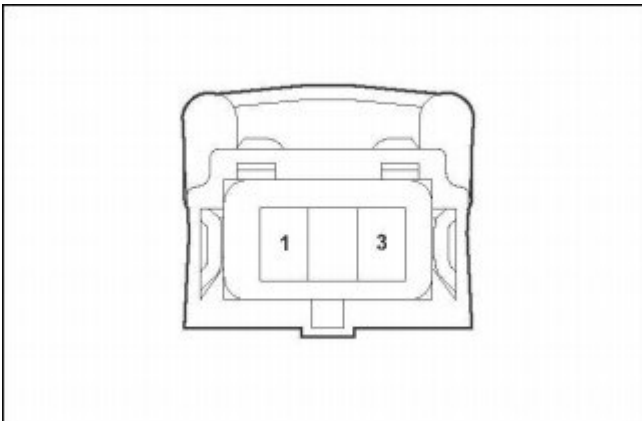
Terminals no.	Wire size	Wire diameter / color	Function
1	IP16A	0.5 Br	Normally closed power supply
2	MC25A	0.35 YR	Normally closed signal
3	BT25	0.5 RL	Normally open end power supply
4	MC18A	0.35 YB	Normally open signal

Brake fluid levelSensor (ER11)



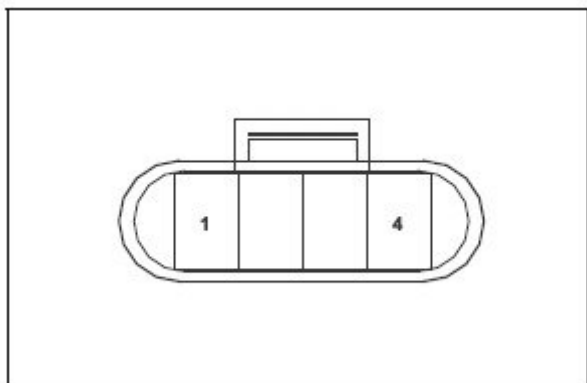
Terminals no.	Wire size	Wire diameter / color	Function
1	I26	0.35 BrL	Low level alarm indication
2	G1009F	0.35 B	Grounding

Braking vacuum sensor (ER17)



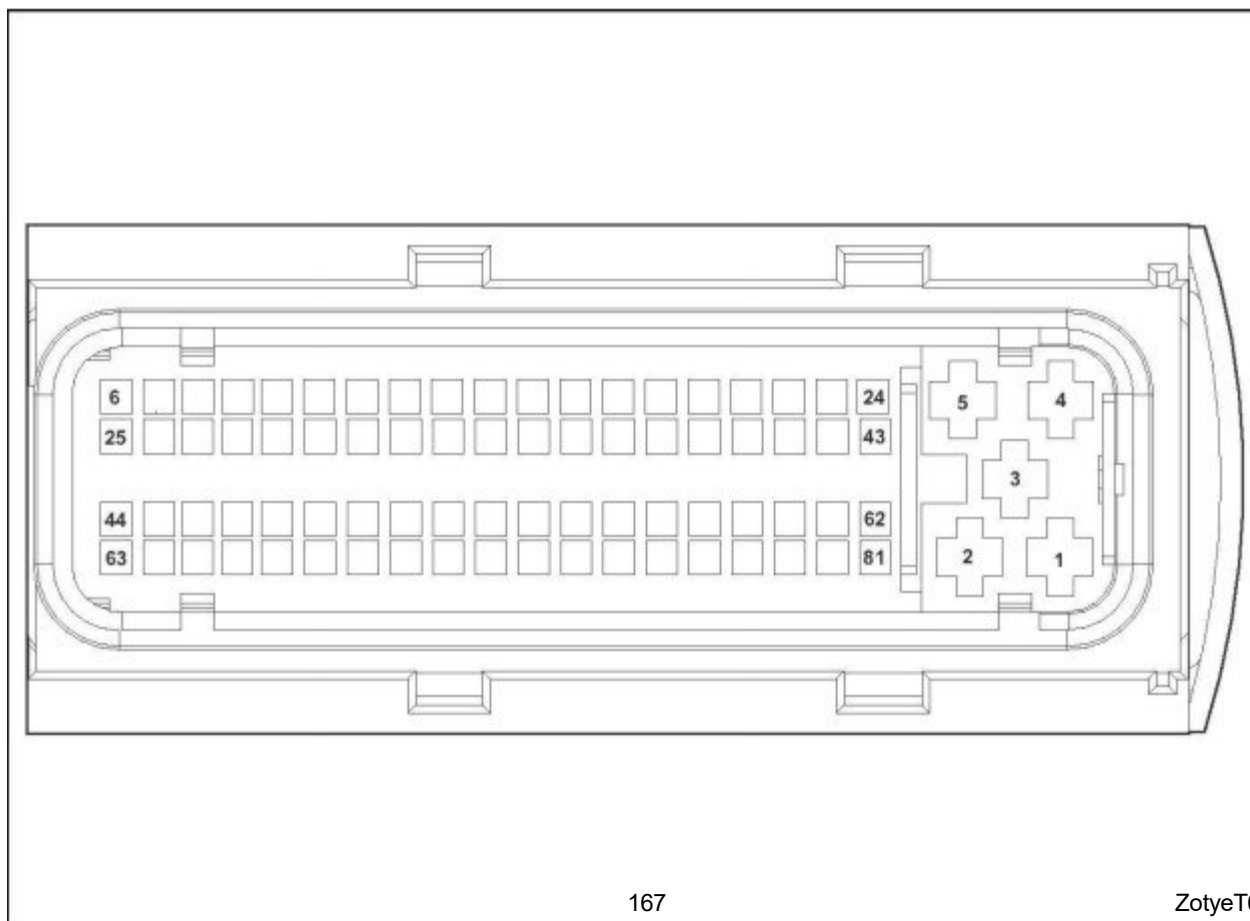
Terminals no.	Wire size	Wire diameter / color	Function
1	MC38	0.35 BrB	Braking vacuum sensor signal
2	MC49A	0.35 W	Reference voltage grounding
3	MC37B	0.35 G	5V reference voltage

Rear oxygen sensor (ER10)



Terminals no.	Wire size	Wire diameter / color	Function
1	MC49C	0.35 L	Reference voltage grounding
2	MC42	0.35 Gr	Rear oxygen sensor signal
3	MC13	0.35 GrL	Rear oxygen sensor heating control
4	M130	0.75 RG	Rear oxygen sensor power supply

TCU control unit (ER38)



Terminals no.	Wire size	Wire diameter / color	Function
1	TU01	1.5 B	Grounding
2	TU02	1.5 B	Grounding
3	TU03	1.5 B	Grounding
4	TU04	1.5 R	Power supply1
5	TU05	1.5 R	Power supply2
6	TU06	0.35 RY	Ignition switch
7	TU07	0.35 Gr	Sensor power supply1
8	TU08	0.35 GrB	Sensor power supply2
9	TU09	0.35 WL	Odd input shaft speed sensor
10	TU10	0.35 WG	Even input shaft speed sensor
11	TU11	0.35 V	1/3 gear shifting fork position sensor
12	TU12	0.35 RW	2/4 gear shifting fork position sensor
13	-	-	Unused

Arrangement of harness and plug instructions

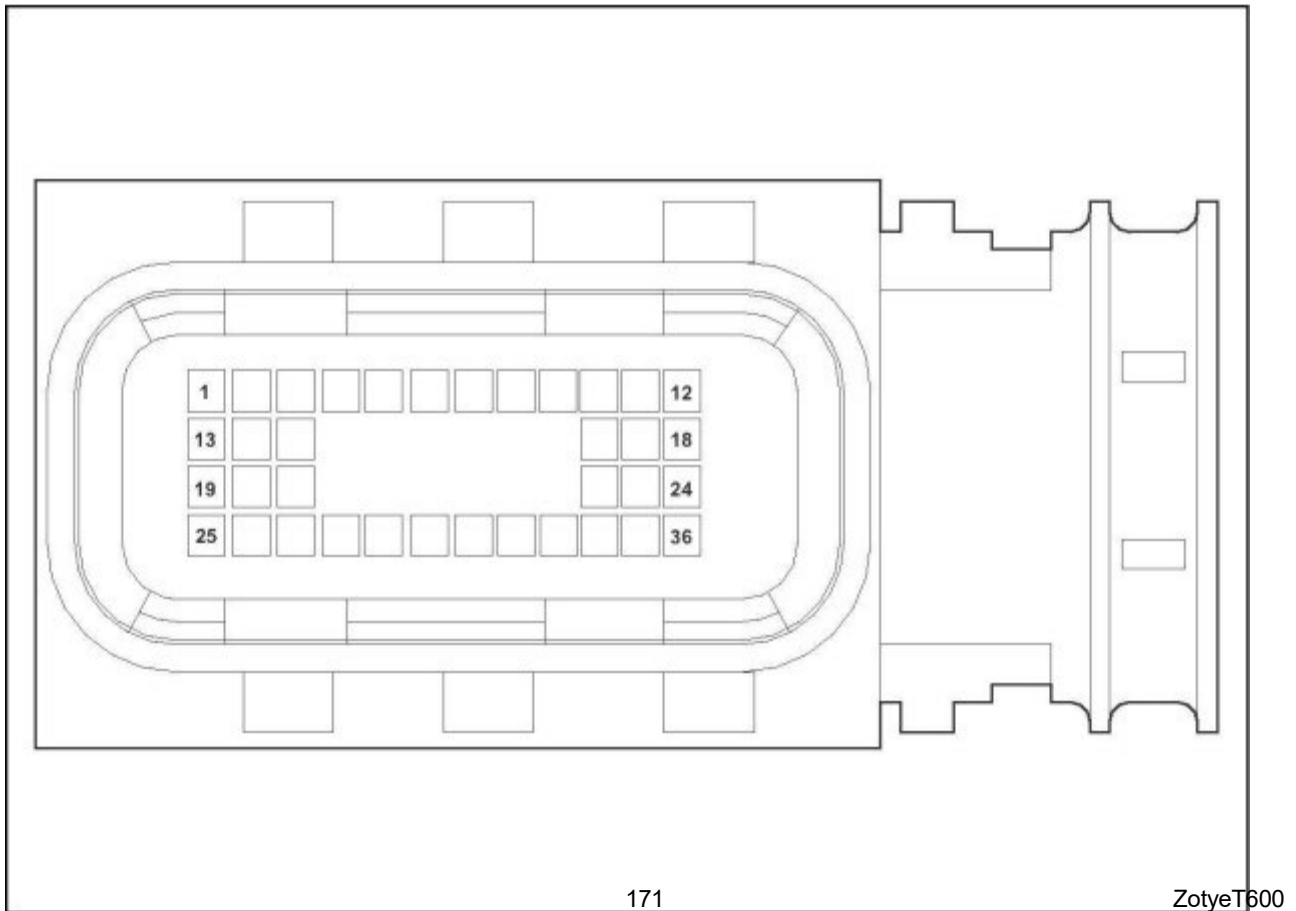
Terminals no.	Wire size	Wire diameter / color	Function
14	-	-	Unused
15	TU15	0.35 Y	Odd clutch pressure sensor
16	TU16	0.35 YB	Even clutch pressure sensor
17	TU17	0.35 L	CAN L (low)
18	TU18	0.5 G	CAN H (high)
19	TU19	0.5 G	Gear shifting solenoid valve 1
20	TU20	0.5 Y	Main circuit pressure solenoid valve
21	-	-	Unused
22	-	-	Unused
23	TU23	0.75 RY	Solenoid valve 1
24	-	-	Unused
25	-	-	Unused
26	TU26	0.35 GrL	Sensor power supply1
27	TU27	0.35 RG	Sensor power supply2
28	TU28	0.35 GrG	Output speed sensor
29	TU29	0.35 BY	Clutch speed sensor
30	TU30	0.35 RY	5 gear shifting fork position Sensor
31	TU31	0.35 W	6/R gear shifting fork position sensor
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	TU38	0.5 LY	Lubrication pressure solenoid valve
39	TU39	0.5 GR	Oil pressure sensor signal
40	-	-	Unused
41	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
42	-	-	Unused
43	-	-	Unused
44	TU44	0.5 RL	Multipath signal1
45	-	-	Unused
46	-	-	Unused
47	-	-	Unused
48	-	-	Unused
49	TU49	0.35 RG	SubROMRead/Write
50	-	-	Unused
51	-	-	Unused
52	-	-	Unused
53	TU53	0.35 B	Oil pressure sensor signal
54	TU54	0.35 LW	Valve body temperature sensor
55	-	-	Unused
56	-	-	Unused
57	TU57	0.5 GW	Odd clutch solenoid valve
58	TU58	0.5 YR	Even clutch solenoid valve
59	-	-	Unused
60	TU60	0.75 RW	Solenoid valve 2
61	-	-	Unused
62	-	-	Unused
63	TU63	0.5 RL	Multipath signal2
64	TU64	0.75 GL	Sensor grounding1
65	TU65	0.75 GB	Sensor grounding2
66	-	-	Unused
67	-	-	Unused
68	TU68	0.35 RL	SubROMclock
69	TU69	0.35 RB	SubROMChipSelect

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
70	-	-	Unused
71	TU71	0.35 VW	Sensor grounding 1
72	-	-	Unused
73	-	-	Unused
74	-	-	Unused
75	-	-	Unused
76	-	-	Unused
77	-	-	Unused
78	-	-	Unused
79	-	-	Unused
80	-	-	Unused
81	TU81	0.75 RL	Solenoid valve 3

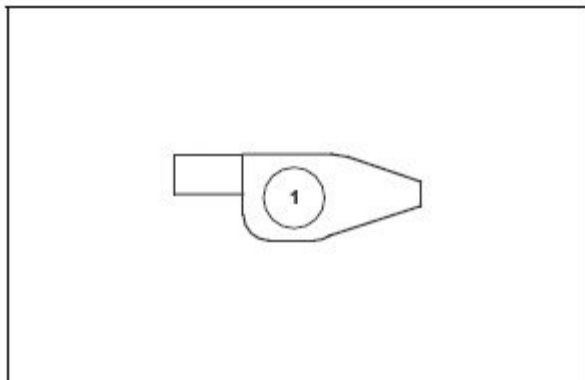
Connect **DCT** transmission (**ER22**)

Terminals no.	Wire size	Wire diameter / color	Function
1	TU15	0.35 Y	Odd clutch pressure Sensor
2	-	-	Unused
3	TU16	0.35 YB	Even clutch pressure sensor
4	TU54	0.35 LW	Valve body temperature sensor
5	TU65	0.75 GB	Sensor grounding 2
6	TU27	0.35 RG	Sensor power supply 2
7	TU10	0.35 WG	Even input shaft speed sensor
8	TU12	0.35 RW	2/4 gear shifting fork position sensor
9	TU31	0.35 W	6/R gear shifting fork position sensor
10	-	-	Unused
11	TU63	0.5 RL	Multipath signal2
12	TU44	0.5 RL	Multipath signal1
13	TU69	0.35 RB	SubROMChipSelect

Arrangement of harness and plug instructions

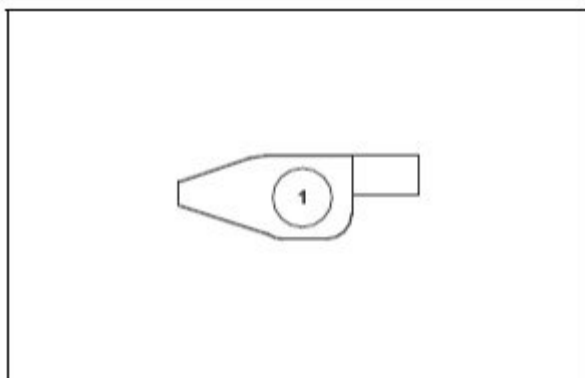
Terminals no.	Wire size	Wire diameter / color	Function
14	TU49	0.35 RG	SubROMRead/Write
15	TU68	0.35 RL	SubROMclock
16	TU20	0.5 Y	Main circuit pressure solenoid valve
17	TU38	0.5 LY	Lubrication pressure solenoid valve
18	TU19	0.5 G	Gear shifting solenoid valve 1
19	TU53	0.35 B	Oil pressure sensor signal
20	TU07	0.35 Gr	Sensor power supply 1
21	TU08	0.35 GrB	Sensor power supply 2
22	TU39	0.5 GR	Oil pressure sensor signal
23	TU58	0.5 YR	Even clutch solenoid valve
24	TU57	0.5 GW	Odd clutch solenoid valve
25	TU29	0.35 BY	Clutch speed sensor
26	TU28	0.35 GrG	Output speed sensor
27	TU71	0.35 VW	Sensor grounding 1
28	TU64	0.75 GL	Sensor grounding 1
29	TU26	0.35 GrL	Sensor power supply 1
30	TU09	0.35 WL	Odd input shaft speed sensor
31	TU30	0.35 RY	5 gear shifting fork position sensor
32	TU11	0.35 V	1/3 gear shifting fork position sensor
33	-	-	Unused
34	TU81	0.75 RL	Solenoid valve 3
35	TU60	0.75 RW	Solenoid valve 2
36	TU23	0.75 RY	Solenoid valve 1

Bonding 1 (G1003) (ER09)



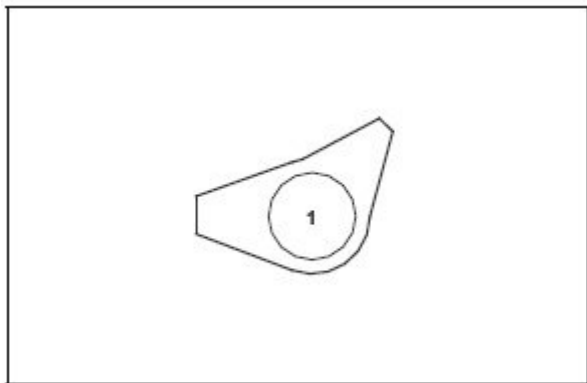
Terminals no.	Wire size	Wire diameter / color	Function
1	G1003	1.5 B	Refer to “grounding location, function and distribution”

Bonding 2 (G1004) (ER15)



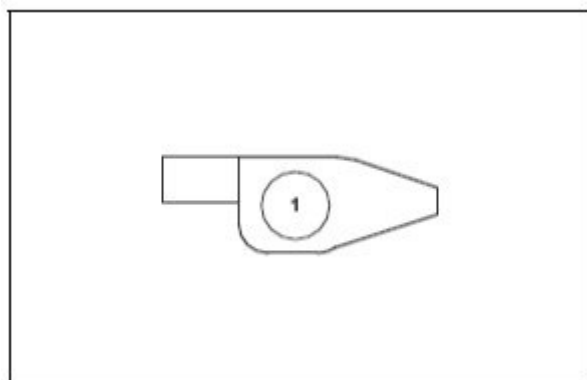
Terminals no.	Wire size	Wire diameter / color	Function
1	G1004	2.5 B	Refer to “grounding location, function and distribution”

Bonding (G1002) (ER30)



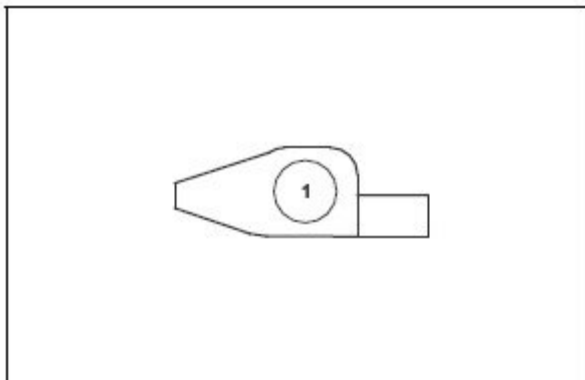
Terminals no.	Wire size	Wire diameter / color	Function
1	G1002	16.0 B	Refer to “grounding location, function and distribution”

Bonding 4 (G1008) (ER24)



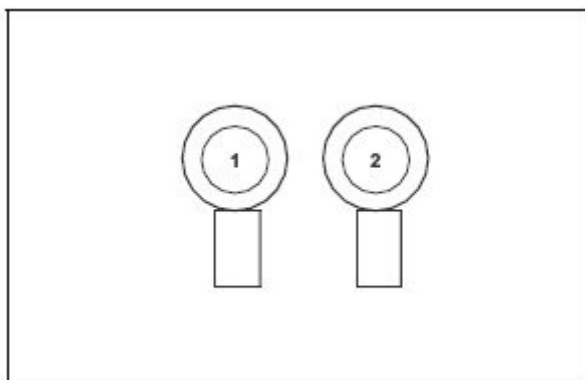
Terminals no.	Wire size	Wire diameter / color	Function
1	G1008	1.5 B	Refer to “grounding location, function and distribution”

Bonding 5 (G1009) (ER01)



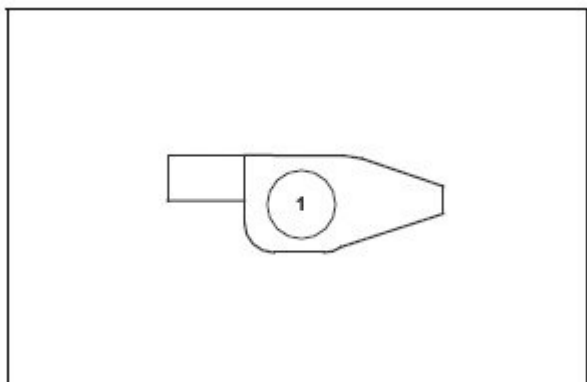
Terminals no.	Wire size	Wire diameter / color	Function
1	G1009	1.0 B	Refer to “grounding location, function and distribution”

Bonding 6 (G1010) (ER07)



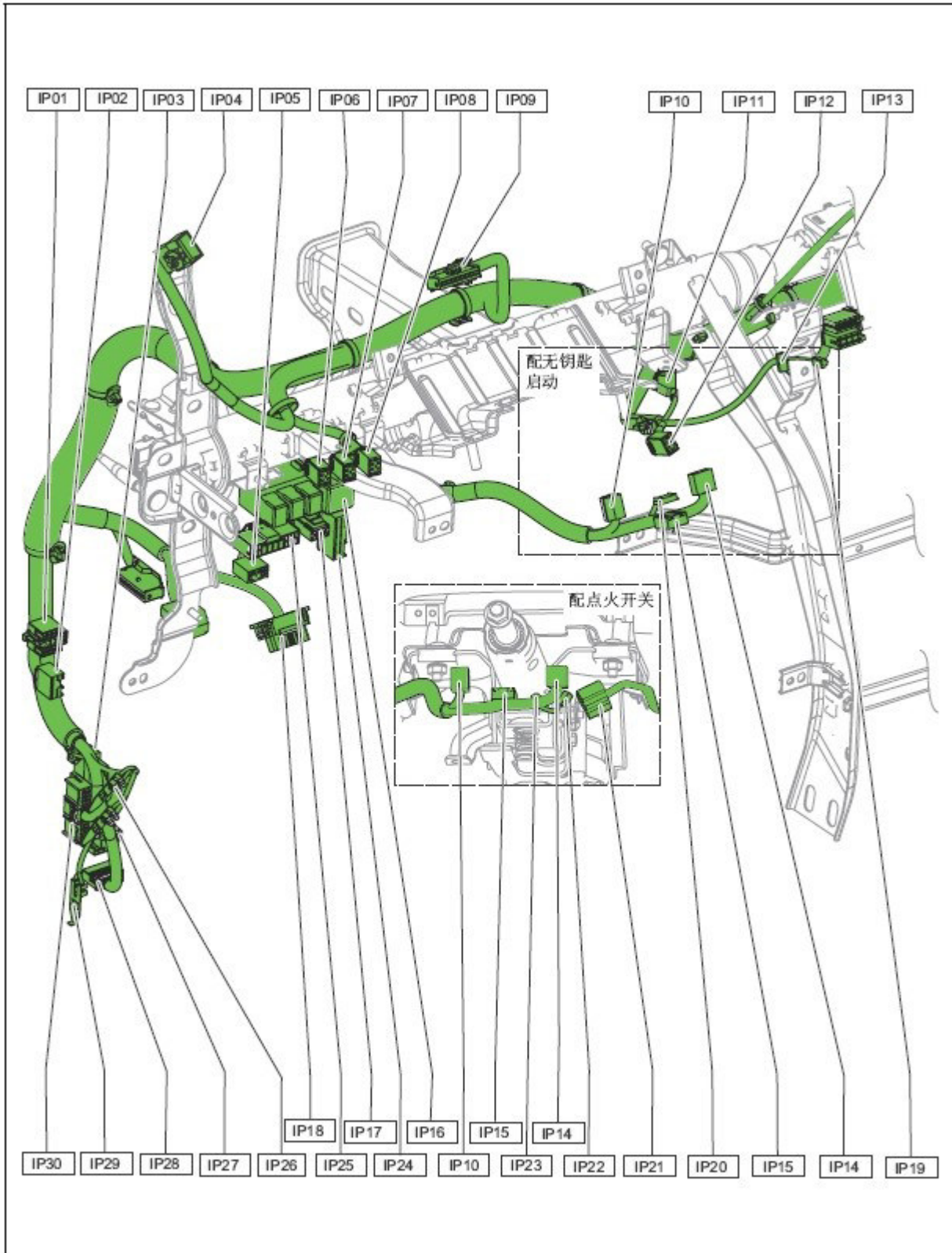
Terminals no.	Wire size	Wire diameter / color	Function
1	G1010A	2.5 B	Refer to “grounding location, function and distribution”
2	G1010	4.0 B	

Bonding 7 (TU01) (ER39)



Terminals no.	Wire size	Wire diameter / color	Function
1	TU01	1.5 B	Refer to “grounding location, function and distribution”
2	TU02	1.5 B	
3	TU03	1.5 B	

Instrument panel wiring harness-Left part



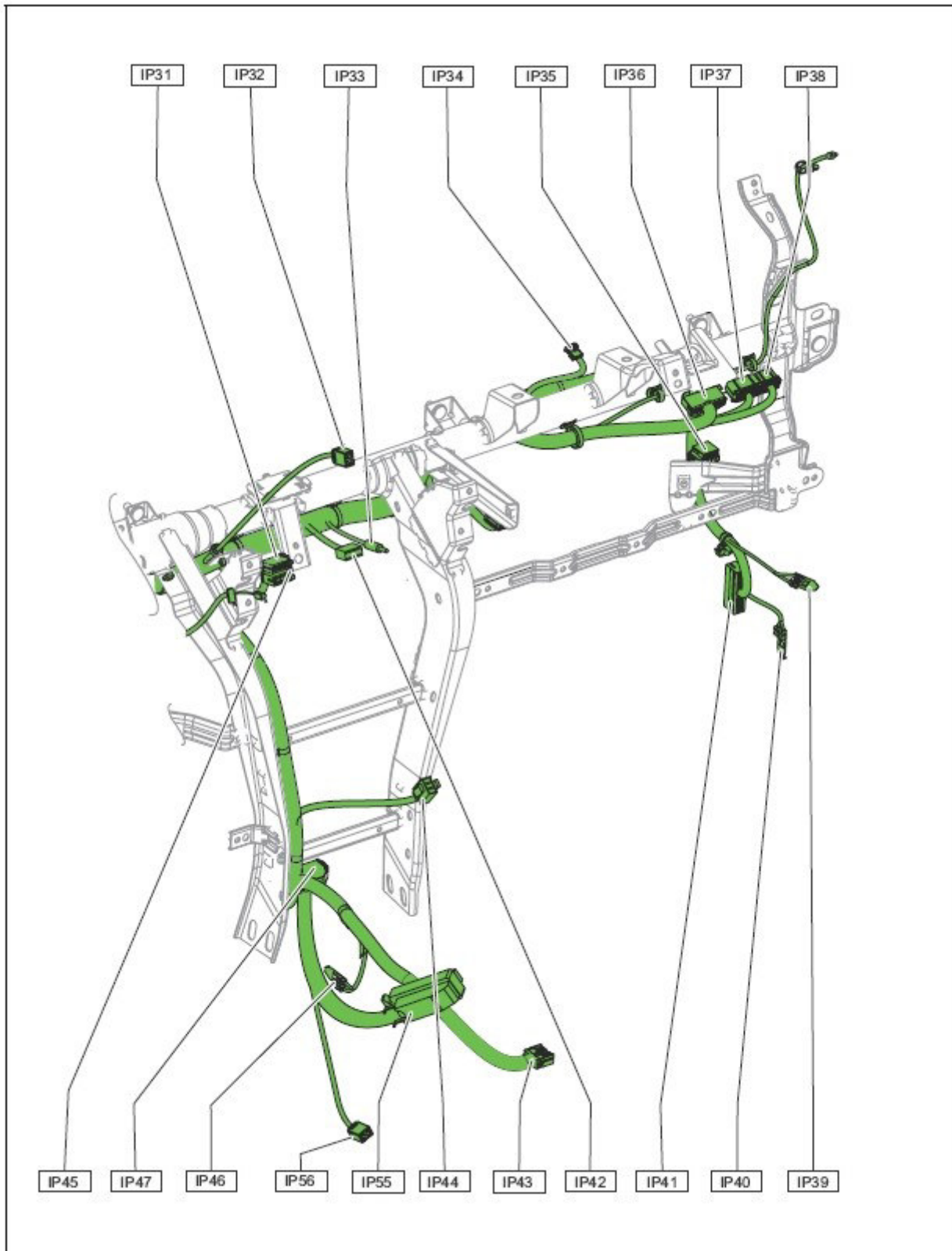
Instrument panel wiring harness-Left part plug definition

Plug code	Connected electrical equipment
IP01	Connect front door wiring harness-Left plug A
IP02	Connect front door wiring harness-Left plug B
IP03	Connect floor harness plug A
IP04	Connect roof harness
IP05	Dashboard electrical box E
IP06	ESC switch (equipped with Xenon headlamp and ESC)
IP06	Headlamp height regulating switch (equipped with halogen headlamp)
IP07	Backlight regulating switch
IP08	Downhill assist switch
IP09	Combination instrument
IP10	Combination switch light control
IP11	Immobilizer controller
IP12	Electrical steering column lock
IP13	Switch
IP14	Combination switch wiper washing control
IP15	Clock spring
IP16	Relay socket
IP17	Instrument electrical box B
IP18	Diagnosis connector
IP19	Immobilizer coil
IP20	Rotating angle sensor
IP21	Ignition switch
IP22	Key connect contact switch
IP23	Keyhole lighting
IP24	Instrument electrical box A
IP25	Instrument electrical box C
IP26	Bonding (G1011)

Arrangement of harness and plug instructions

IP27	Connect floor harness plug B
IP28	Connect engine room wiring harness plug B
IP29	Bonding (G1027)
IP30	Connect engine room wiring harness plug A

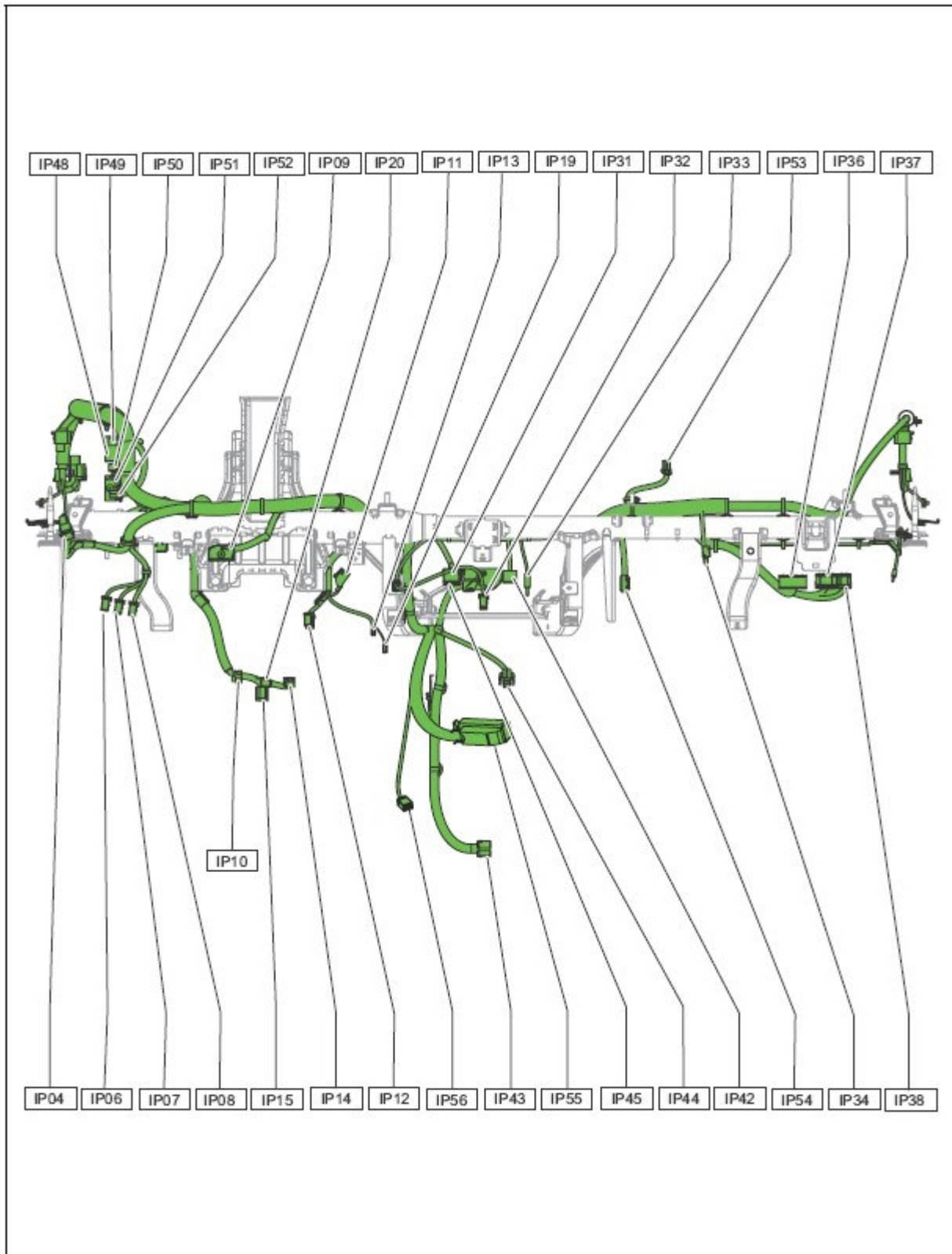
Instrument panel wiring harness-Right part



Instrument panel wiring harness-Right part plug definition

Plug code	Connected electrical equipment
IP31	Head unit plug B
IP32	Hazard warning lamp switch
IP33	Antenna feeder
IP34	Passenger airbag
IP35	Connect Front door wiring harness-Right
IP36	Keyless start module plug A
IP37	Keyless start module plug B
IP38	Keyless start module plug C
IP39	Bonding (G1015)
IP40	Bonding (G1016)
IP41	Connect floor harness plug C
IP42	Head unit plug C
IP43	Connect floor harness plug D
IP44	Cigar lighter
IP45	Head unit plug A
IP46	Bonding (G1019)
IP47	Airbag controller
IP55	Connect electrical parking brake ECU harness plug
IP56	Connect parking brake control switch harness connector

Instrument panel wiring harness-top view



Instrument panel wiring harness-top view plug definition

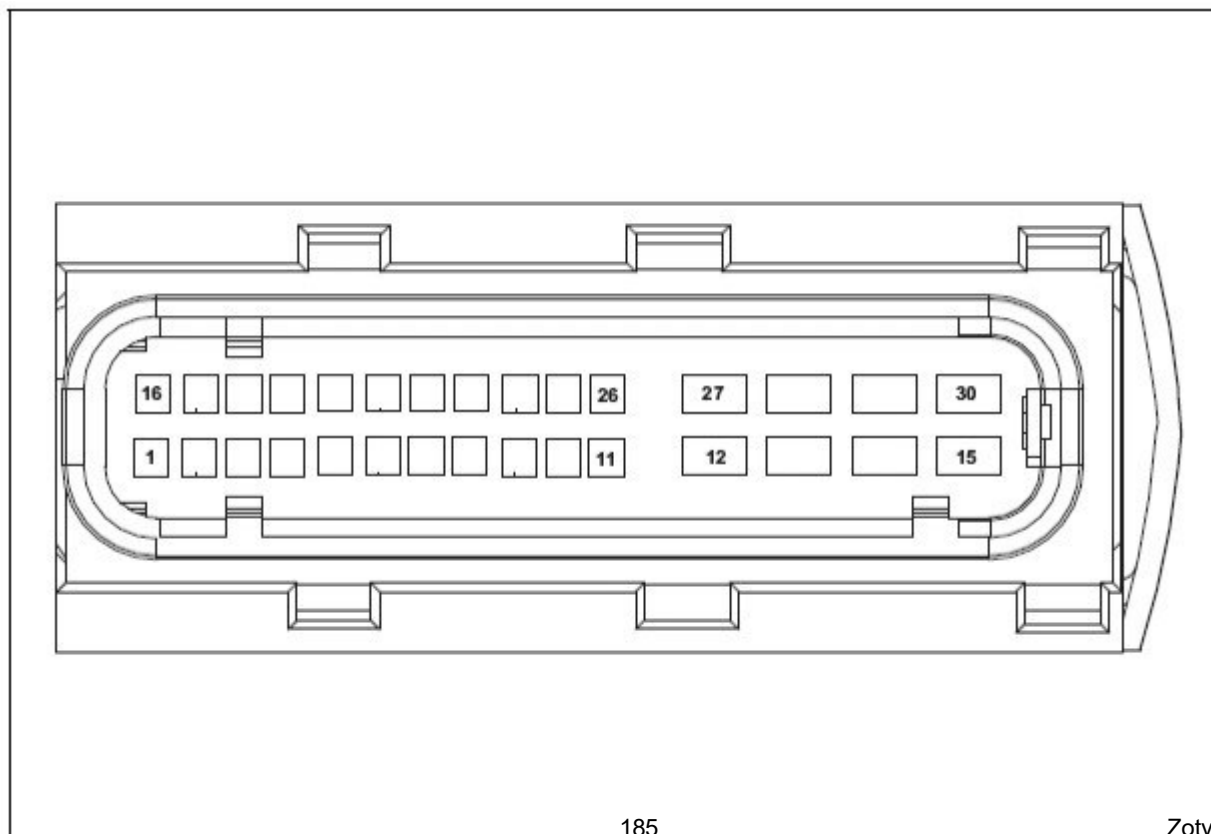
Plug code	Connected electrical equipment
IP04	Connect Roof harness
IP06	ESC Switch
IP07	Backlight regulating switch
IP08	Downhill assist switch
IP09	Combination instrument
IP10	Combination switch light control
IP11	Immobilizer control module
IP12	Electrical steering column lock
IP13	Button start switch
IP19	Immobilizer coil
IP14	Combination switch wiper washing control
IP15	Clock spring
IP20	Rotating angle sensor
IP31	Head unit plug B
IP32	Hazard warning lamp switch
IP33	Antenna feeder
IP34	Passenger airbag
IP36	Keyless start module plug A
IP37	Keyless start module plug B
IP38	Keyless start module plug C
IP42	Head unit plug C
IP44	Cigar lighter
IP45	Head unit plug A
IP47	Airbag controller
IP48	BCM plug E
IP49	BCM plug B
IP50	BCM plug A

Arrangement of harness and plug instructions

IP51	BCM plug D
IP52	BCM plug C
IP53	Connect HVAC harness
IP54	Gateway
IP55	Connect electrical parking brake ECU harness plug
IP56	Connect parking brake control switch harness connector

Instrument panel wiring harness plug Description

Electrical parking brake ECU (IP55)



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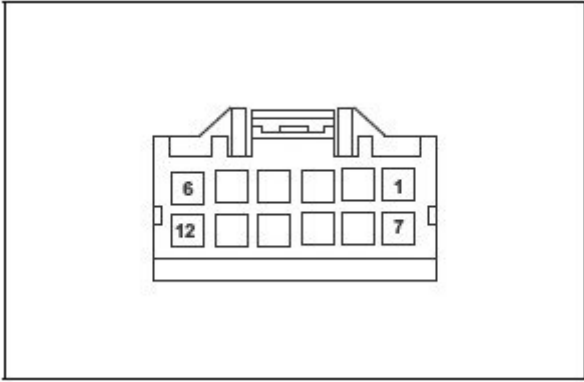
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	EB02	0.5 GR	Automatic mode indicator lamp
3	EB03	0.5 GW	Parking indicator lamp
4	-	-	Unused
5	-	-	Unused
6	EB06	0.5 LB	Clutch position sensor grounding
7	-	-	Unused
8	-	-	Unused
9	EB09	0.5 GL	Parking button normally closed contactor
10	EB10	0.5 GV	Releasing button normally closed contactor
11	EB11	0.5 RY	Ignition switch
12	EB12	2.5 R	Left motor 2nd foot
13	EB13	2.5 RB	Left motor power supply

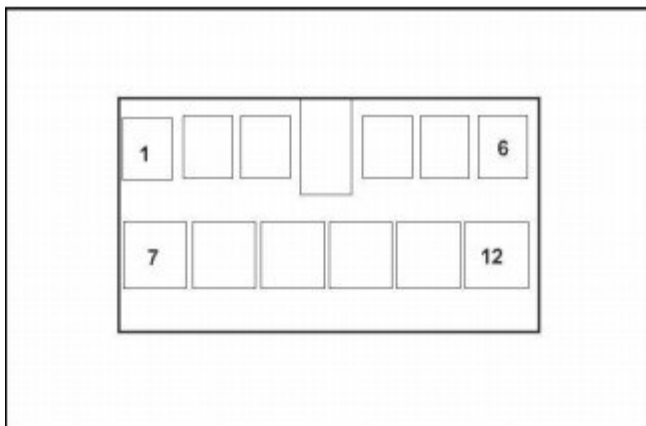
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	EB14	2.5 RY	Right motor 2nd foot
15	EB15	2.5 RG	Right motor power supply
16	EB16	0.35 L	CAN bus LOW
17	EB17	0.53 G	CAN bus HIGH
18	-	-	Unused
19	-	-	Unused
20	EB20	0.5 LR	Clutch position sensor power supply
21	EB21	0.5 LW	Clutch position sensor signal input
22	EB22	0.5 GB	Parking control switch power supply
23	EB23	0.5 GBr	Mode button
24	EB24	0.5 LY	Parking button normally open contactor
25	EB25	0.5 LO	Releasing button normally open contactor
26	EB26	0.5 R	control circuit power supply
27	EB27	2.5 RL	Left motor 2nd foot
28	EB28	2.5 B	Left motor
29	EB29	2.5 RW	Right motor 2nd foot
30	EB30	2.5 B	Right motor

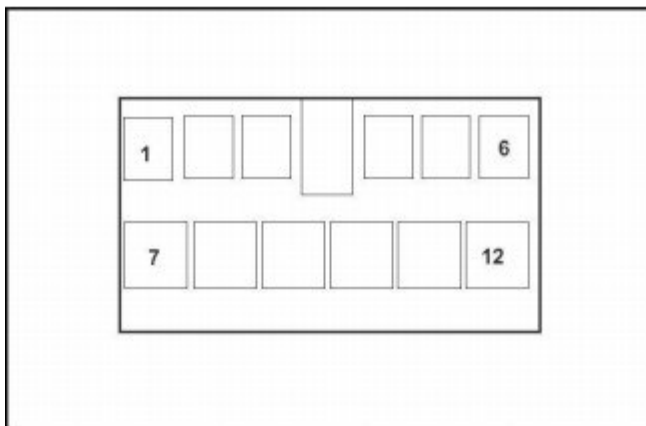
Parking control switch (IP56)



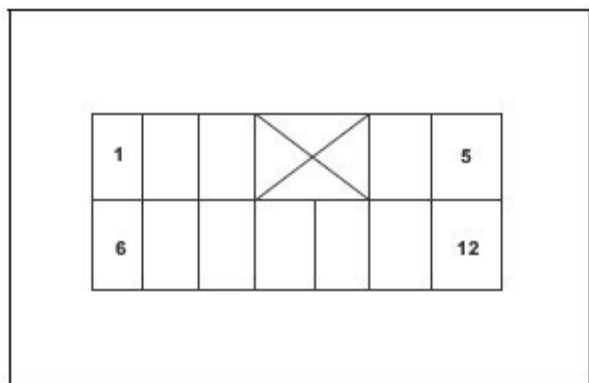
Terminals no.	Wire size	Wire diameter / color	Function
1	EB25	0.5 LO	Releasing button normally open contactor
2	EB24	0.5 LY	Parking button normally open contactor
3	EB03	0.5 GW	Parking indicator lamp
4	-	-	Unused
5	EB23	0.5 GBr	Mode button
6	58M	0.5 L	Parking control switch backlight power supply
7	EB22	0.5 GB	Parking control switch power supply
8	EB10	0.5 GV	Releasing button normally closed contactor
9	EB09	0.5 GL	Parking button normally closed contactor
10	EB03	0.5 GR	Automatic mode indicator lamp
11	-	-	Unused
12			Grounding

BCM_A end (IP50)

Terminals no.	Wire size	Wire diameter / color	Function
1	BA01	0.5 GY	Dome lamp output
2	BA02	0.5 GrR	Trunk lamp output
3	-	-	Unused
4	BA04	0.5 RB	Front door open warning light output
5	BA05	0.5 G	Back door unlock relay control
6	BA06	0.5 GBr	Electrical steering column lock control
7	BA07	1.5 RW	Left rear window motor falls+
8	BA08	1.5 RY	Left rear window motor rises+
9	BA09	1.5 OB	Right front window motor falls+
10	BA10	1.5 YB	Right front window motor rises+
11	BA11	1.5 WG	Left front window motor falls+
12	BA12	1.5 YG	Left front window motor rises+

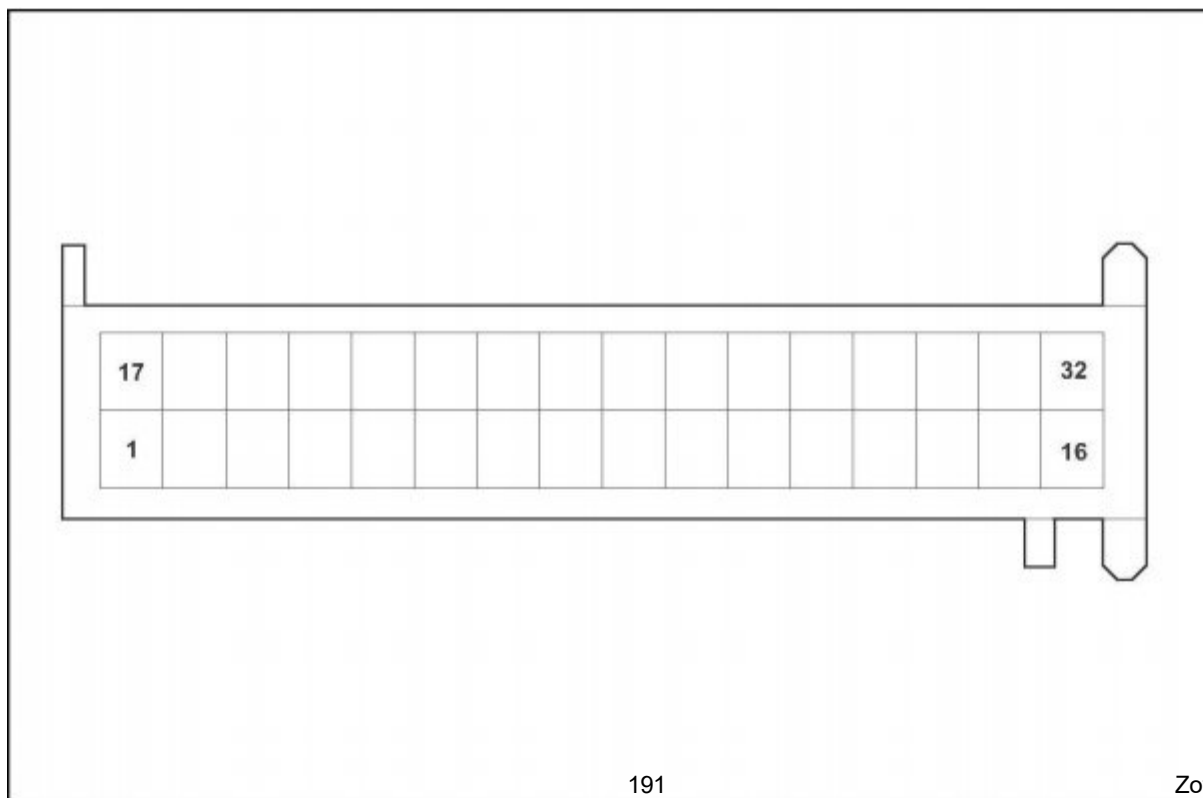
BCM_B end (IP49)

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01	0.75 YB	Door lock motor interlocks+
2	BB02	0.75 WB	Door lock motor unlocked +
3	BB03	1.5 R	Compound horn+
4	BB04	1.5 V	Front wiper motor (low speed) +
5	BB05	1.5 G	Front wiper motor (High speed) +
6	BB06	2.5 RY	Battery 12V power supply (lock motor/horn/ electrical steering column lock)
7	BB07	2.5 RW	Battery 12V power supply (Front door glass lifting motor)
8	BB08	2.5 RB	Battery 12V power supply (Rear door glass lifting motor)
9	BB09	1.5 YR	Right rear window motor rises+
10	BB10	1.5 WR	Right rear window motor falls+
11	G1011	2.5 B	Power supply
12	G1011A	2.5 B	Power supply

BCM_C end (IP52)

Terminals no.	Wire size	Wire diameter / color	Function
1	BC01	0.5LY	Right steering lamp+
2	BC02	0.5 LW	Left steering lamp+
3	BC03	0.5 GB	Clearance lamp+
4	BC04	0.5 GB	Brake lamp+
5	BC05	0.5 LY	Motor front washing+
6	BC06	2.5 RG	Battery 12V power supply (Steering lamp/ fog lamp/ Clearance lamp)
7	BC07	0.5 WY	Backlight lamp+
8	BC08	0.75 LG	Rear fog lamp+
9	BC09	1.5 RY	Battery 12V power supply (wiper motor/ washing motor)
10	BC10	1.5 RL	Battery 12V power supply (Battery power saving/ Front door warning lamp)
11	BC11	0.5 YL	Motor rear washing+
12	BC12	0.5 GL	Battery power saving output

BCM_D end (IP51)



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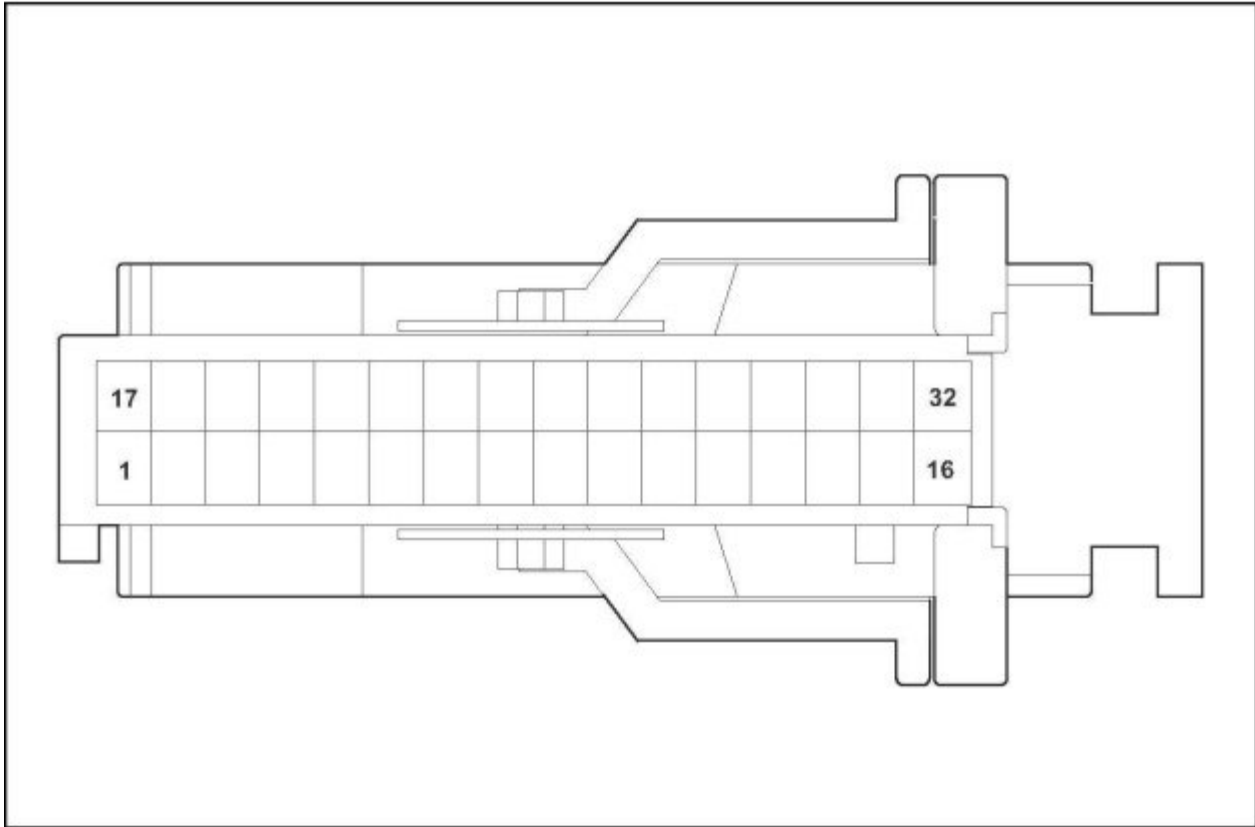
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BD02	0.35 WG	Wiper washing switch (front wiper 1) signal
3	BD03	0.35 LgR	Wiper washing switch (front wiper 2) signal
4	BD04	0.35 RL	Wiper washing switch (front wiper regulating) signal
5	BD05	0.35 Y	Horn switch
6	BD06	0.35 LY	Left front door central locking switch (unlocked / interlock)
7	BD07	0.35 YB	Left rear door power window switch
8	BD08	0.35 GL	Right rear door power window switch
9	BD09	0.35 GR	Right front door power window switch
10	BD10	0.35 GB	Left front door power window switch (Left rear window)
11	BD11	0.35 WY	Left front door power window switch (right rear window)
12	BD12	0.35 YB	Left front door power window switch (right front window)
13	BD13	0.35 BrR	Left front door power window switch (left front

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
			window)
14	BD14	0.35 P	High beam relay control
15	BD15	0.35 R	Low beam relay control
16	BD16	0.35 VW	Front fog lamp relay control
17	BD17	0.35 GrL	Immobilizer indicator output (to Instrument)
18	BD18	0.35 GrB	Rear wiper stop signal
19	BD19	0.35 G	CAN_H
20	BD20	0.35 L	CAN_L
21	-	-	Unused
22	BD22	0.5 GW	Rear wiper relay control
23	-	-	Unused
24	BD24	0.5 Y	Daytime running lamps relay control
25	BD25	0.35 LR	Key lighting lamp output
26	-	-	Unused
27	BD27	0.5 GrG	Rearview mirror folded relay control
28	BD28	0.5 LO	Rearview mirror open relay control
29	-	-	Unused
30	BD30	0.5 Y	Headlamp washmotor relay control
31	BD31	0.35 Br	Rain sensor
32	-	-	Unused

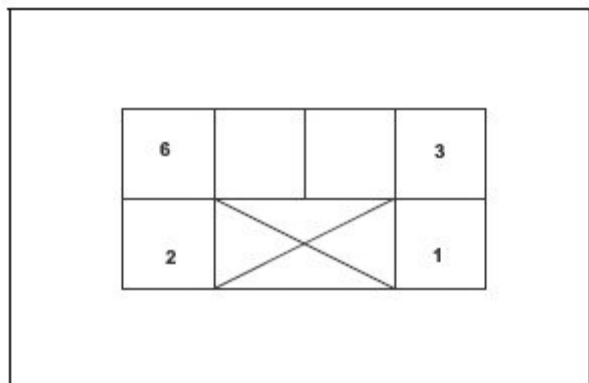
BCM_E end (IP48)



Terminals no.	Wire size	Wire diameter / color	Function
1	BE01	0.35 GO	Ignition switch ACC gear power supply
2	BE02	0.35 BrW	Ignition key not pull out switch
3	BE03	0.5 Br	Ignition switch ON gear power supply
4	BE04	0.35 BrB	Back-up door open switch signal
5	BE05	0.35 GW	Lighting control switch (Clearance lamp, low beam, automatic headlamp) signal
6	-	-	Unused
7	BE07	0.35 BL	Lighting control switch (flash lamp, high beam) signal
8	-	-	Unused
9	BE09	0.35 BrB	Lighting control switch (front fog lamp) signal
10	BE10	0.35 BrR	Lighting control switch (rear fog lamp) signal
11	BE11	0.35 RW	Lighting control switch (steering lamp) signal
12	-	-	Unused
13	BE13	0.35 B	Hazard warning lamp switch signal

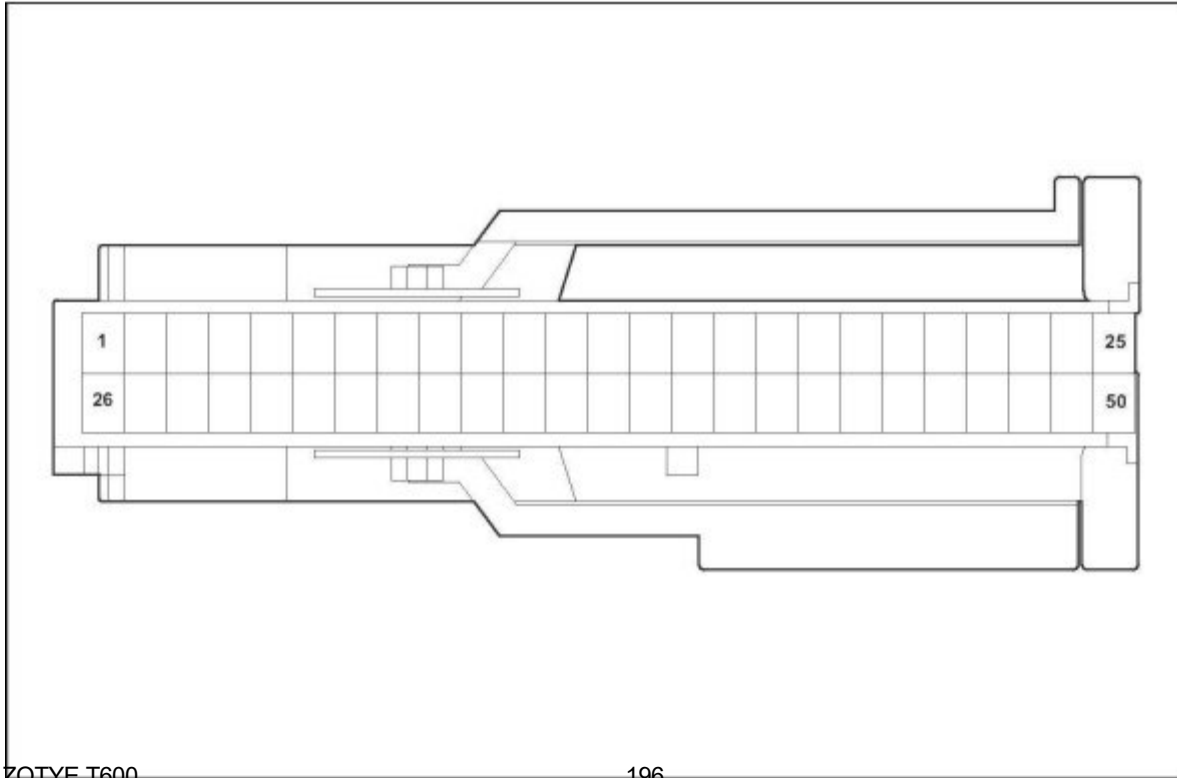
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	BE14	0.35 RY	Child lock switch signal
15	BE15	0.35 V	Left front door lock state switch
16	BE16	0.35 BR	Right front door lock state switch
17	BE17	0.35 Br	Left rear door lock state switch
18	BE18	0.35 GrR	Right rear door lock state switch
19	BE19	0.35 GrR	Engine room contact switch
20	BE20	0.35 BrY	Back-up door lock state switch
21	BE21	0.35 GB	Collision signal input
22	BE22	0.35 WL	Wiper washing switch (Rear wiper1)
23	BE23	0.35 YB	Wiper washing switch (Rear wiper2)
24	BE24	0.35 GW	Front wiper motor stop position
25	-	-	Unused
26	BE26	0.35 GrG	Wiper washing switch (front washing)
27	BE27	0.35 GY	Mechanical keys left front door unlocked switch
28	-	-	Unused
29	BE29	0.5 B	Signal
30	-	-	Unused
31	BE31	0.35 GO	ESCL feedback
32	-	-	Unused

ESC Switch (IP06)

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58J	0.5 L	Backlight power supply
4	G1027D	0.5 B	Backlight grounding
5	G1027D	0.5 B	Switch grounding
6	A12	0.5 V	Switch signal

Airbag controller (IP47)



ZOTYE T600

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Terminals no.	Wire size	Wire diameter / color	Function
1	Q01	0.35 OG	Passenger airbag +
2	Q02	0.35 BY	Passenger airbag -
3	Q03	0.35 Lg	Driver side airbag -
4	Q04	0.35 WL	Driver side airbag +
5	Q05	0.75 Y	ON gear power supply
6	G1019	0.75 RB	Grounding
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	Q10	0.35 WR	Driver airbag +
11	Q11	0.35 YR	Driver airbag -
12	-	-	Unused
13	Q13	0.35 Y	Driver seat belt pre-tensioner+
14	Q14	0.35 YB	Driver seat belt pre-tensioner-
15	-	-	Unused

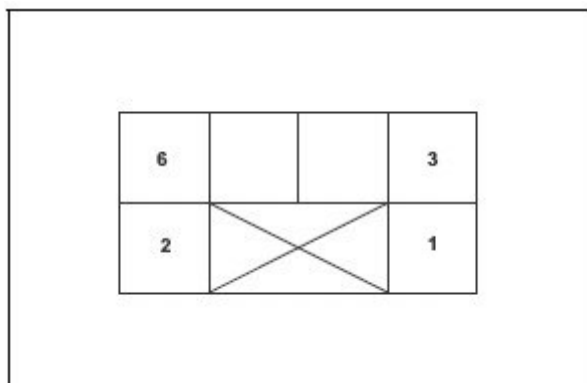
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
16	Q16	0.35 LR	Passenger seat belt pre-tensioner-
17	Q17	0.35 GY	Passenger seat belt pre-tensioner+
18	Q18	0.35 RB	Passenger airbag +
19	Q19	0.35 YB	Passenger airbag -
20	-	-	Unused
21	BE21	0.35 GB	Collision signal (to BCM)
22	Q22	0.35 GW	Lift side air curtain+
23	Q23	0.35 LW	Lift side air curtain-
24	Q24	0.35 WB	Right side air curtain-
25	Q25	0.35 GR	Right side air curtain+
26	Q26	0.35 Br	Left side collision sensor +
27	Q27	0.35 BrB	Left side collision sensor -
28	Q28	0.35 OG	Right side collision sensor -
29	Q29	0.35 O	Right side collision sensor +
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	Q33	0.35 L	CAN_L
34	Q34	0.35 G	CAN_H
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	-	-	Unused
39	-	-	Unused
40	-	-	Unused
41	-	-	Unused
42	-	-	Unused
43	-	-	Unused

Arrangement of harness and plug instructions

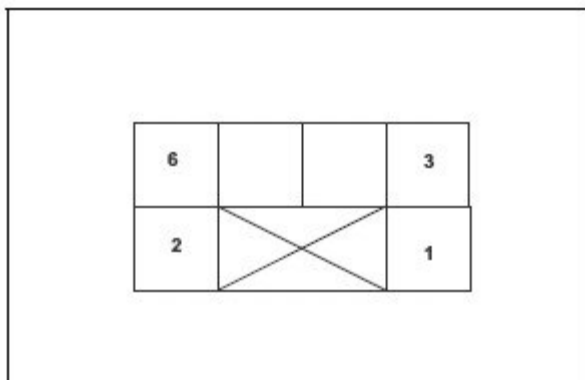
Terminals no.	Wire size	Wire diameter / color	Function
44	-	-	Unused
45	-	-	Unused
46	-	-	Unused
47	-	-	Unused
48	-	-	Unused
49	-	-	Unused
50	-	-	Unused

Backlight regulating switch (IP07)



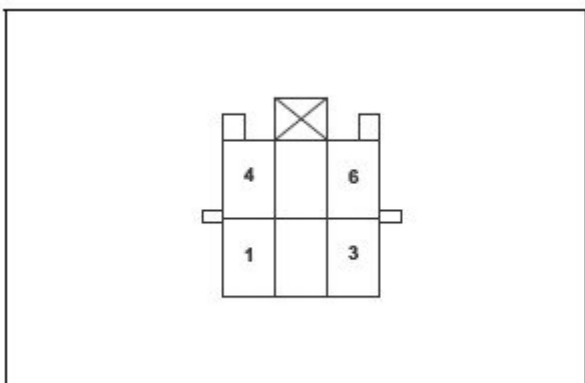
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	G1027D	0.5 B	Grounding
5	BC07	0.5 WY	Regulating switch control (to BCM)
6	58B	0.5 L	Backlight power supply output

Headlamp height regulating switch (IP06)



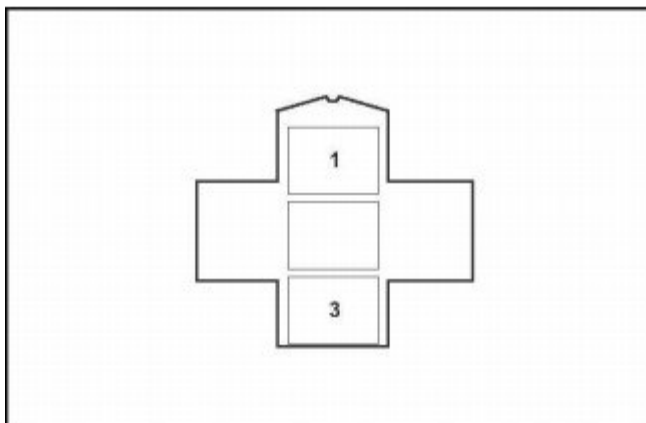
Terminals no.	Wire size	Wire diameter / color	Function
1	C45B	0.35 BY	Headlamp signal
2	G1027E	0.35 B	Switch
3	58	0.5 L	Backlight power supply
4	C42B	0.5 GL	Switch power supply
5	-	-	Unused
6	G1027F	0.35 B	Backlight grounding

Ignition switch (IP21)



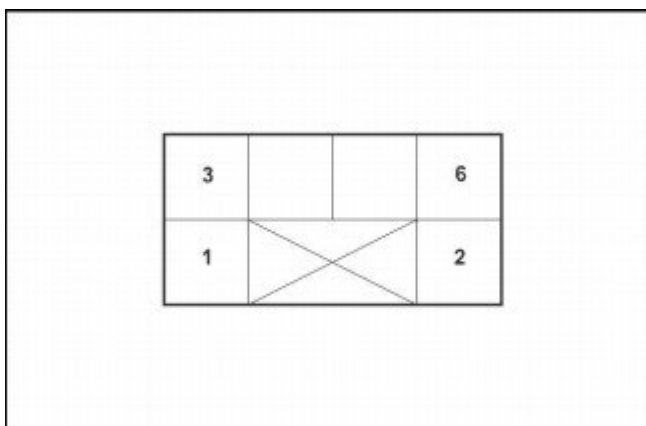
Terminals no.	Wire size	Wire diameter / color	Function
1	ST01	0.35 G	Start signal
2	BT05	1.5 RW	AM1 power supply
3	IG02	1.5 O	ON gear IG2 power supply
4	BT06	2.5 RY	AM2 power supply
5	IG01	2.5 V	ON gear IG1 power supply
6	AC01	0.35 G	ACC gear relay control

Cigar lighter (IP44)



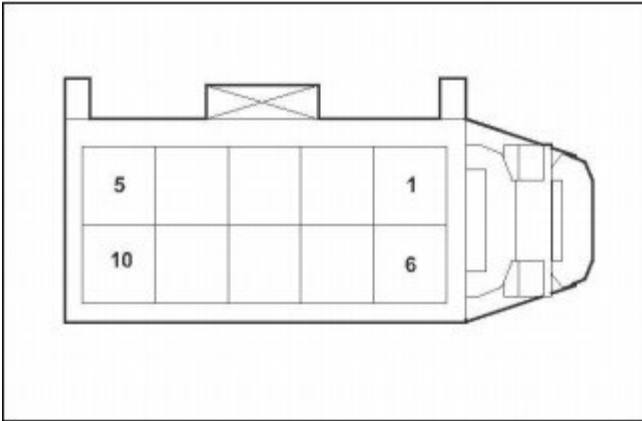
Terminals no.	Wire size	Wire diameter / color	Function
1	G1016F	1.5 B	Grounding
2	N09	1.5 GrR	ACC power supply
3	-	-	Unused

Electrical steering column lock (IP12)



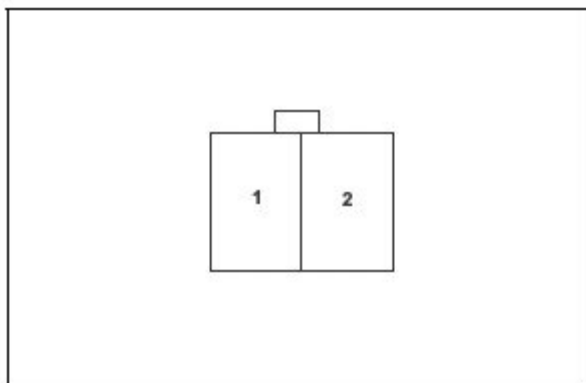
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	PC22	0.5 VW	Steering column lock-
3	BA06	0.5 GBr	Steering column lock+
4	PC06	0.35 WL	Steering column lock signal
5	BE31	0.35 GO	Steering column lock signal
6	PA38	0.5 GO	Steering column lock signal

Immobilizer controller (IP11)



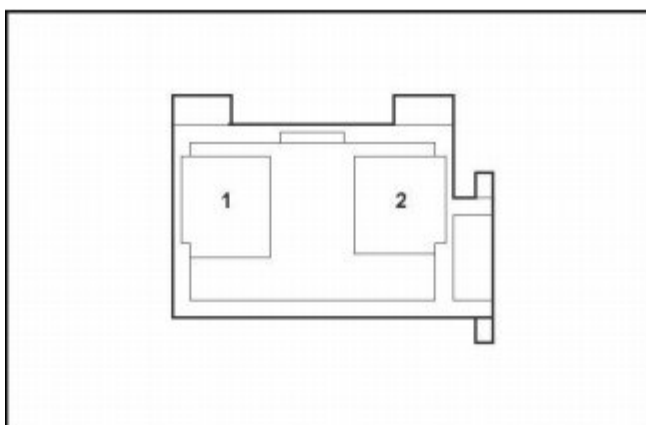
Terminals no.	Wire size	Wire diameter / color	Function
1	F01	0.35 W	Immobilizer coil-
2	BT20	0.35 RY	Battery power supply
3	FA04	0.5 YB	ON gear power supply
4	-	-	Unused
5	F05	0.35 G	CAN_H
6	F02	0.35 Y	Immobilizer coil+
7	G1015C	0.35 B	Grounding
8	-	-	Unused
9	-	-	Unused
10	F10	0.35 L	CAN_L

Immobilizer coil (IP19)



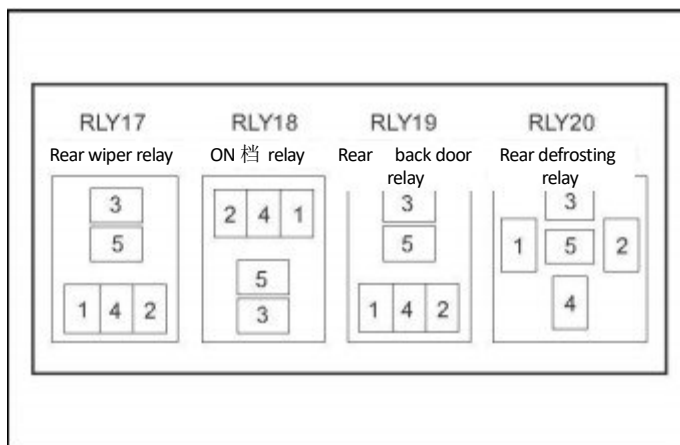
Terminals no.	Wire size	Wire diameter / color	Function
1	F01	0.35 W	Immobilizer coil-
2	F02	0.35 Y	Immobilizer coil+

Passenger airbag (IP34)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q19	0.35 YB	Passenger airbag-
2	Q18	0.35 RB	Passenger airbag+

Relay socket (IP16)

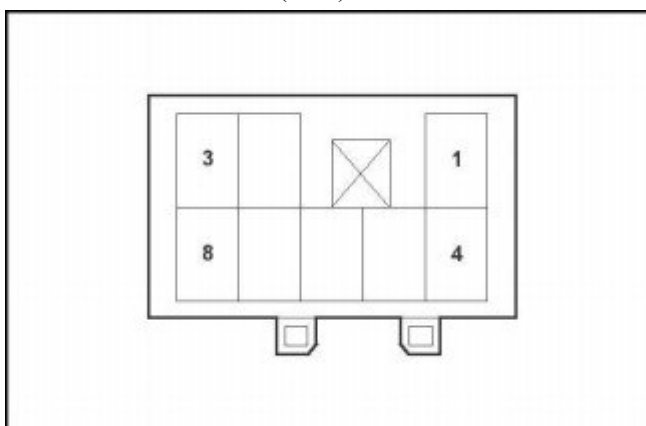


Terminals no.	Wire size	Wire diameter / color	Function
Rear wiper relay			
1 (85)	JD014B	0.5 GW	Battery power supply through fuse FB28
2 (86)	BD22	0.5 WY	Rear wiper control
3 (30)	JD05	0.75 Br	Rear wiper motor ⁺
4	G1027P	0.5 B	Grounding
5 (87)	JD014A	2.5 WY	Battery power supply through fuse FB28
IG1relay			
1 (86)	PB12	0.5 GW	IGN control (PEPS controller)
2 (85)	G1027G	0.5 B	Grounding
3 (30)	BT05	2.5 R	Battery power supply through fuse SB05
4	-	-	Unused
5 (87)	IG01	2.5 R	IGN power supply
Rear back door relay			
1 (86)	JD03B	0.5 WY	Battery power supply through fuse IF01
2 (85)	BA05	0.5 G	Back door unlock control
3 (30)	JD04	0.75 L	Back door unlock motor ⁺
4	G1027R	1.5 B	Grounding
5 (87)	JD03A	1.5 WY	Battery power supply through fuse IF01
Rear defrosting relay			
1 (85)	JD016B	0.5 RB	Battery power supply through fuse FB27

Arrangement of harness and plug instructions

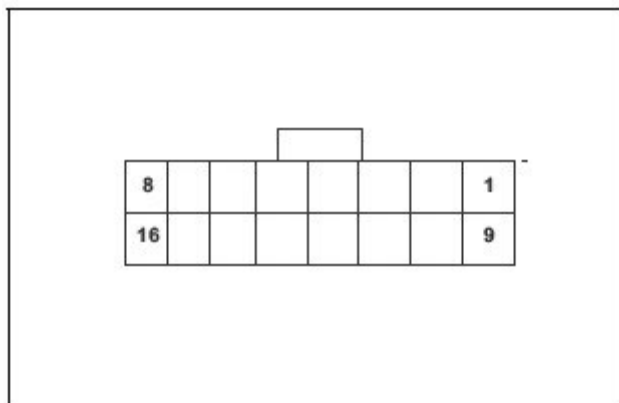
Terminals no.	Wire size	Wire diameter / color	Function
2 (86)	K10	2.5 LR	Rear defrost control
3 (30)	N10	2.5 RW	Electric rearview mirror and rear glass defroster ⁺
4 (87)	JD016A	2.5 RB	Battery power supply through fuse FB27
5	-	-	Unused

Connect Roof harness (IP04)



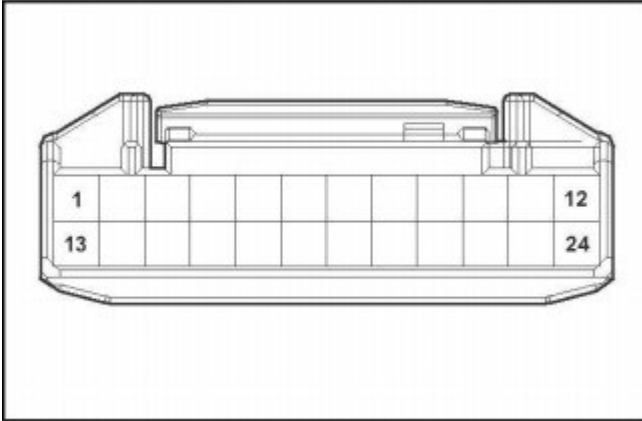
Terminals no.	Wire size	Wire diameter / color	Function
1	I28	0.35 BY	Speed signal (to skylight)
2	BT15C	2.5 R	Skylight controller battery power supply
3	IP25	0.5 RB	Skylight controller and rain sensor ON gear power supply
4	-	-	Unused
5	AC04	0.5 V	Electronic anti-dazzle inside rearview mirror ACC power supply
6	BD31	0.35 Br	Rain sensor signal
7	BA01	0.5 GO	Dome lamp power supply
8	BC12A	0.5 W	Battery power saving output

Clock spring (IP15)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q11	0.35 YR	Driver Airbag
2	-	-	Unused
3	-	-	Unused
4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	Q10	0.35 WR	Driver Airbag +
10	G1015F	0.35 B	Multifunction steering wheel switch panel backlight grounding
11	RA01	0.35 G	Steering wheel remote control (to Head unit)
12	RA02	0.5 W	Steering wheel remote control (to Head unit)
13	58K	0.35 L	Multifunction steering wheel switch panel backlight power supply
14	BD05	0.35 Y	Horn switch signal
15	-	-	Unused
16	-	-	Unused

Gateway (IP54)

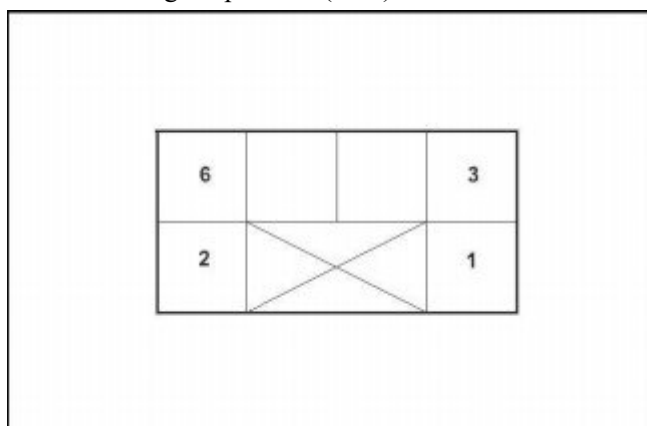


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	WG03	0.5 L	CAN1_L
4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	IP06A	0.5 RY	ON gear power supply
12	-	-	Unused
13	WG13	0.5 L	CAN2_L
14	WG14	0.5 G	CAN2_H
15	WG15	0.5 Y	CAN1_H
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	-	-	Unused

Arrangement of harness and plug instructions

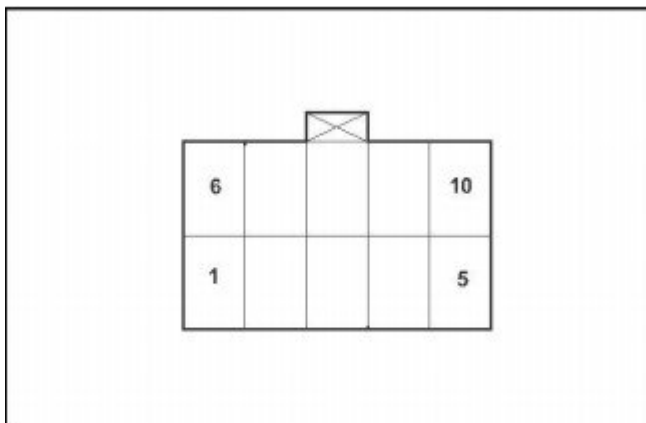
Terminals no.	Wire size	Wire diameter / color	Function
21	-	-	Unused
22	-	-	Unused
23	G1015F	0.5 B	Grounding
24	BT12C	0.35 RY	Battery power supply

Hazard warning lamp switch (IP32)



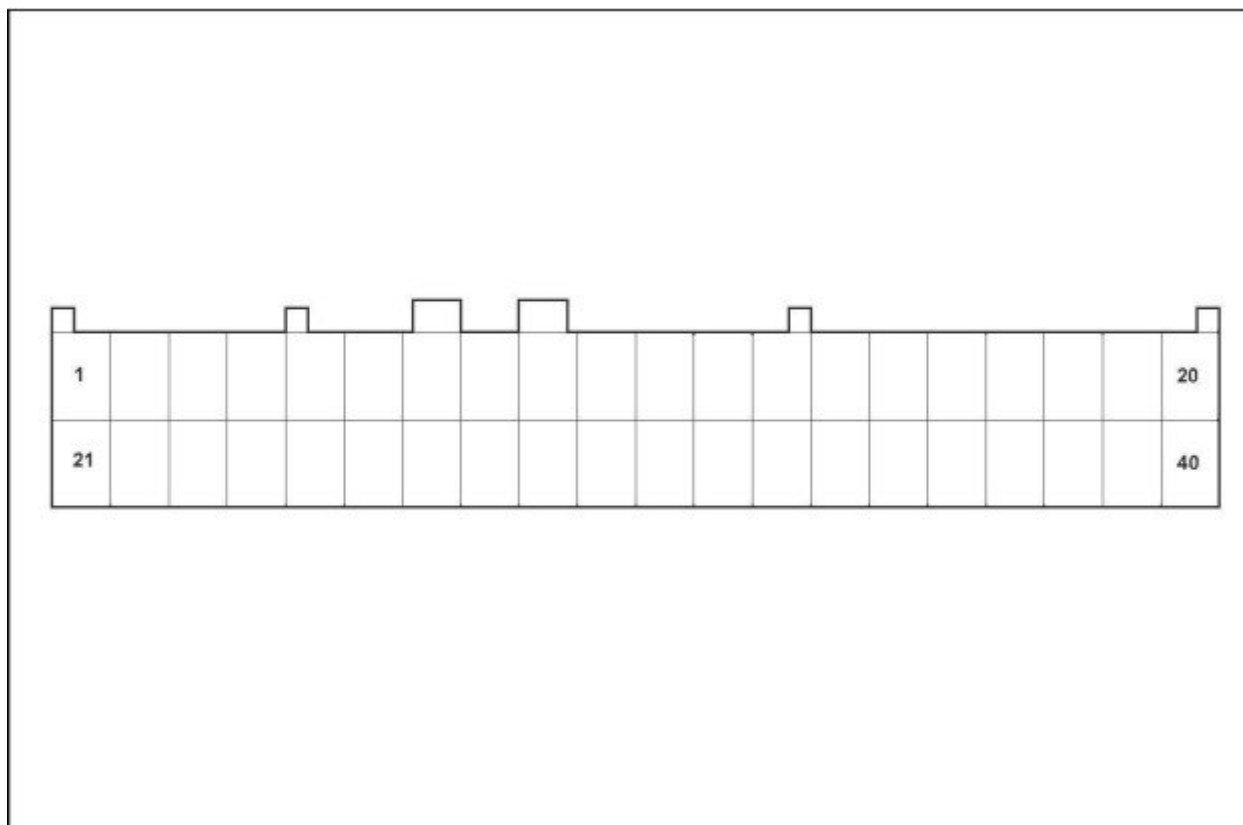
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58A	0.5 L	Switch backlight power supply
4	G1015	0.5 B	Backlight grounding
5	G1015A	0.5 B	Switch
6	BE13	0.5 OG	Switch signal (to BCM)

Button start Switch (IP13)



Terminals no.	Wire size	Wire diameter / color	Function
1	IP16C	0.5 LR	Gear shifting switch signal electric
2	IP16D	0.5 B	Start indicator lamp power supply
3	PC09	0.5 GO	Start indicator lamp control
4	PA02	0.5 G	Gear shifting switch signal input
5	IP16	0.5 LR	Gear shifting switch signal electric
6	58D	0.5 L	Button start switch backlight electric
7	G1015E	0.5 B	Button start switch
8	PC08	0.5 GB	ON, ACC gear indicator lamp control
9	IP16E	0.5 LR	ON, ACC gear indicator lamp power supply
10	PA01	0.5 BrW	Gear shifting switch signal input

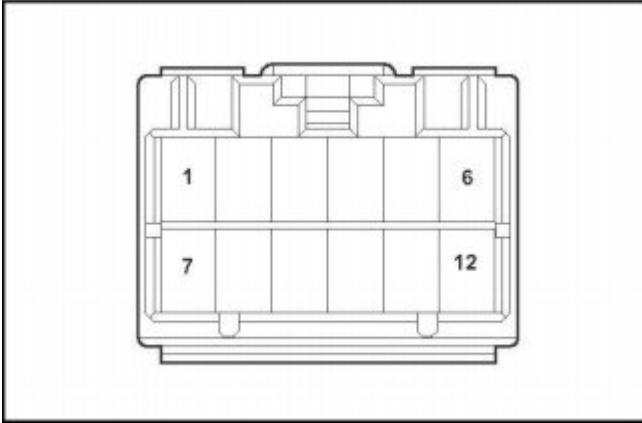
Keyless start module plug A (IP36)



Terminals no.	Wire size	Wire diameter / color	Function
1	PA01	0.5 BrW	Gear shifting switch signal input
2	PA02	0.5 G	Gear shifting switch signal input
3	-	-	Unused
4	-	-	Unused
5	PA05	0.35 RL	Brake switch normally closed signal
6	PA06	0.5 YB	Brake switch normally open signal
7	PA07	0.5 G	Right side door knob switch signal
8	PA08	0.5 GB	Left side door knob switch signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	PA13	0.5 P	Left front door knob antenna capacity signal
14	PA14	0.5 PB	Left front door knob antenna inductance signal

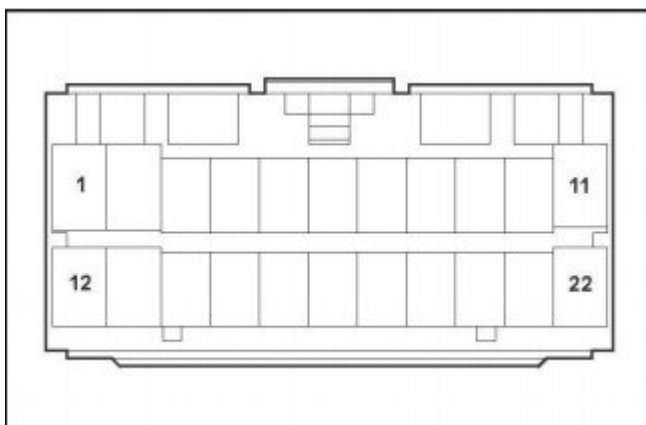
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	PA15	0.5 WR	Front row antenna inductance end
16	PA16	0.5 YB	Front row antenna capacity end
17	PA17	0.5 LR	Right front door knob antenna capacity signal
18	PA18	0.5 WG	Right front door knob antenna inductance signal
19	PA19	0.5 V	Rear row antenna inductance end
20	PA20	0.5 WB	Rear row antenna capacity end
21	-	-	Unused
22	M74B	0.35 YG	Clutch switch signal input
23	-	-	Unused
24	PA24	0.5 BrG	Hand brake switch signal input
25	-	-	Unused
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	-	-	Unused
30	G1016B	0.5 B	PEPS
31	-	-	Unused
32	-	-	Unused
33	-	-	Unused
34	-	-	Unused
35	-	-	Unused
36	-	-	Unused
37	G1016C	0.5 B	PEPS
38	PA38	0.5 GO	Steering column lock signal
39	PA39	0.5 L	CAN L
40	PA40	0.5 G	CAN H

Keyless start module plug **B (IP37)**

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	PB02	1.5 RW	PEPS power supply
3	-	-	Unused
4	PB04	1.5 RL	PEPS power supply
5	-	-	Unused
6	PB06	0.5 R	PEPS power supply
7	-	-	Unused
8	PB08	0.5 GrB	Start relay control line
9	PB09	0.5 GR	ACC gear relay control line
10	-	-	Unused
11	-	-	Unused
12	PB12	0.5 GW	ON gear relay control line

Keyless start module plug C (IP38)

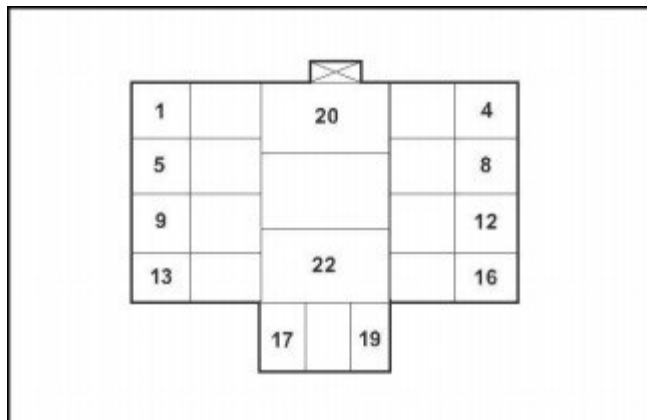


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	-	-	Unused
5	-	-	Unused
6	PC06	0.35 WL	Steering column lock signal
7	-	-	Unused
8	PC08	0.5 GB	ON, ACC gear indicator lamp control
9	PC09	0.5 GO	Start indicator lamp control
10	-	-	Unused
11	G1016D	0.5 B	PEPS module
12	-	-	Unused
13	G1016E	0.5 B	PEPS module
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	PC17	0.35 BrW	ON gear electric feedback signal
18	PC18	0.35 GY	ACC gear electric feedback signal
19	PC19	0.35 R	ST gear electric feedback signal
20	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
21	-	-	Unused
22	PC22	0.5 VW	Steering column lock power supply -

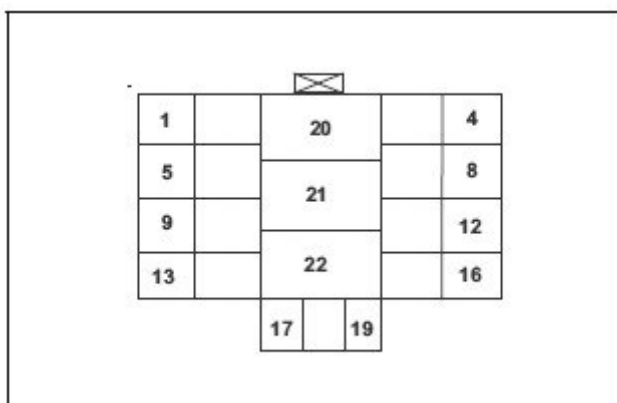
Connect Front door wiring harness-Right (IP35)



Terminals no.	Wire size	Wire diameter / color	Function
1	N14	0.35 Lg	Right rearview mirror defroster power supply
2	BC01C	0.5 LY	Right side steering lamp+
3	BA04B	0.5 RB	Right front door warning lamp control
4	BE16	0.35 BR	Right front door lock state switch signal
5	N04	0.35 RY	Right rearview mirror motor turning left and right+
6	N05	0.35 PW	Right rearview mirror motor turning up and down+
7	BB02B	0.75 WB	Right front lock motor unlocked+
8	BB01C	0.75 YB	Right front lock motor locked+
9	PA07	0.5 G	Right front door knob request switch signal
10	N02	0.35 OG	grounding
11	BD09	0.35 Gr	Right front door window lifting Switch signal
12	RB03	0.5 BrR	Right front door loudspeaker+
13	PA17	0.5 LY	Right front door knob antenna capacity signal
14	PA18	0.5 WG	Right front door knob antenna inductance signal
15	58E	0.5 L	Right front door window lifting switch backlight power supply

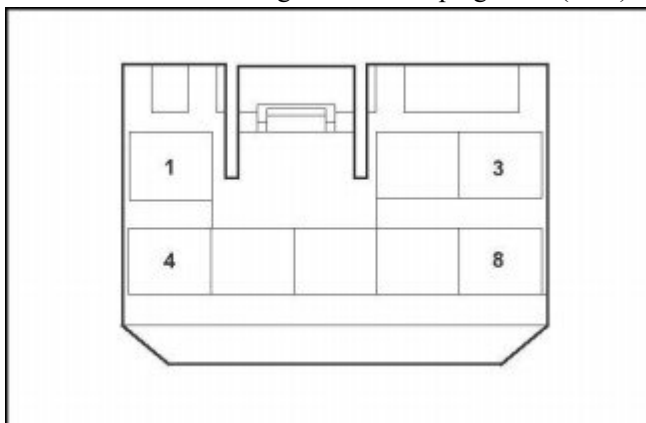
Terminals no.	Wire size	Wire diameter / color	Function
16	RB04	0.5 YW	Right front door loudspeaker
17	JD06B	0.75 GrW	Right rearview mirror motor folded+
18	JD07B	0.75 V	Right rearview mirror motor open+
19	BE29D	0.35 B	Right front door window lifting switch grounding
20	BA09	1.5 OB	Right front door window lifter motor falls+
21	BA10	1.5 YB	Right front door window lifter motor rises+
22	BC12H	0.5 GL	Right front door warning lamp+

Connect Front door wiring harness-Left plug A (IP01)



Terminals no.	Wire size	Wire diameter / color	Function
1	N15	0.35 BrG	Left rearview mirror defroster power supply
2	BC02C	0.5 LW	Left side steering lamp+
3	BA04A	0.5 Br	Left front door warning lamp control
4	BE15	0.35 V	Left front door lock state switch locked signal
5	N06	0.35 LR	Left rearview mirror motor turning left and right+
6	N07	0.35 LW	Left rearview mirror motor turning up and down+
7	BB02A	0.75 WB	Left front door lock motor unlocked+
8	BB01B	0.75 YB	Left front door lock motor locked+
9	PA08	0.5 GB	Left front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BE27	0.35 GY	Left front door lock state switch unlocked signal

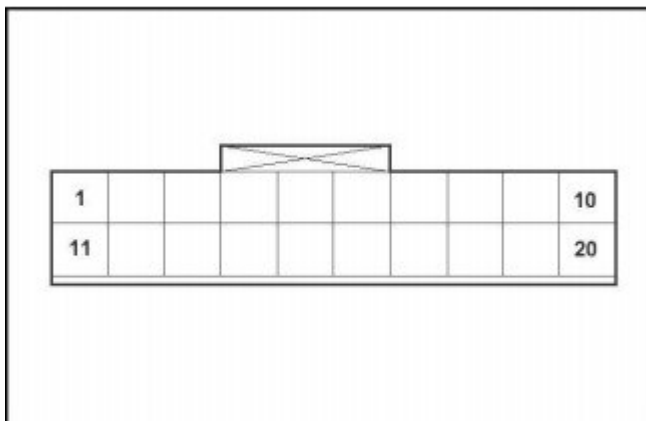
12	RB05	0.5 BrY	Left front loudspeaker+
13	PA14	0.5 PB	Left front door knob antenna inductance signal
14	PA13	0.5 P	Left front door knob antenna capacity signal
15	58C	0.5 L	Left front door power window switch backlight power supply
16	RB06	0.5 LY	Left front loudspeaker
17	JD06A	0.75 GrW	Left rearview mirror motor folded+
18	JD07A	0.75 V	Left rearview mirror motor open+
19	AC02	0.35 GB	Left front power mirror switch ACC gear power supply
20	BA11	1.5 GR	Left front glass lifting motor falls+
21	BA12	1.5 GB	Left front glass lifting motor rises+
22	BC12G	0.5 GL	Left front door warning lamp+

Connect Front door wiring harness-Left plug **B** (IP02)

Terminals no.	Wire size	Wire diameter / color	Function
1	BE14	0.35 RY	Center control child lock switch signal
2	BD12	0,35 YB	Left front door power window switch right front glass lifting signal
3	BD11	0.35 WY	Left front door power window switch right rear glass lifting signal
4	BD06	0.35 LY	Center control lock switch signal
5	-	-	Unused
6	BE29C	0.35 B	Left front power window switch/ Center control lock switch grounding

7	BD13	0.35 BrR	Left front door power window switch left front glass lifting signal
8	BD10	0.35 GB	Left front door power window switch left rear glass lifting signal

Instrument Electrical boxA (IP24)

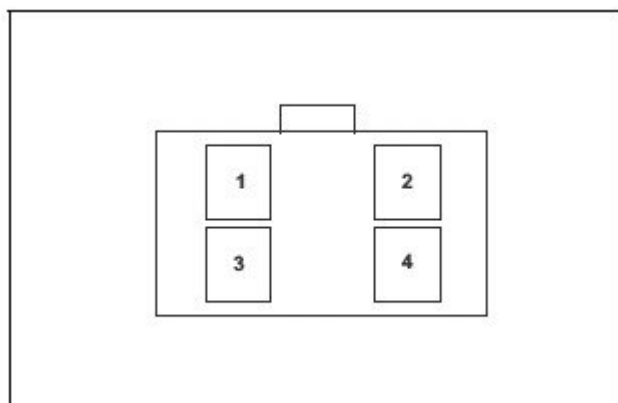


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	IG03	1.5 RY	Power supply through ON of fuse IF04 (to electrical box of engine room)
3	-	-	Unused
4	IP05	0.5 Br	Power supply through ON of fuse IF03 (to air condition controller)
5	BE03	0.5 Br	Power supply through ON of fuse IF03 (to BCM and rain sensor)
6	RC07	0.35 RB	Power supply through ON of fuse IF03 (to camera)
7	AL01	0.5 R	Power supply through ON of fuse IF02 (to front headlamp height self-regulation)
8	IP25	0.5 RB	Power supply through ON of fuse IF03 (to skylight controller)
9	BT15C	2.5 R	Battery power supply through fuse IF00 (to skylight controller)
10	JD03	1.5 WY	Battery power supply through fuse IF01 (to back door lock relay)
11	FA04	0.5 YB	Power supply through ON of fuse IF05 (to engine immobilizer controller)
12	BC09	1.5 RY	Battery power supply through fuse IF08 (to BCM)

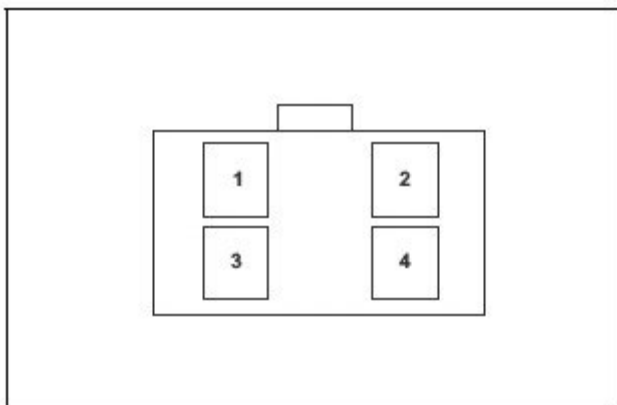
Arrangement of harness and plug instructions

13	LA01	0.5 R	Power supply through ON of fuse IF09 (to reversing radar controller and EPB)
14	I13	0.5 Br	Power supply through ON of fuse IF09 (to instrument)
15	-	-	Unused
16	BT16	0.75 Y	Battery power supply through IF06 (to head unit)
17	I11A	0.5 R	Battery power supply through fuse IF07 (to instrument and PEPS controller)
18	IP06	0.5 RY	Power supply through ON of fuse IF02 (to gateway and tire pressure monitoring controller)
19	-	-	Unused
20	-	-	Unused

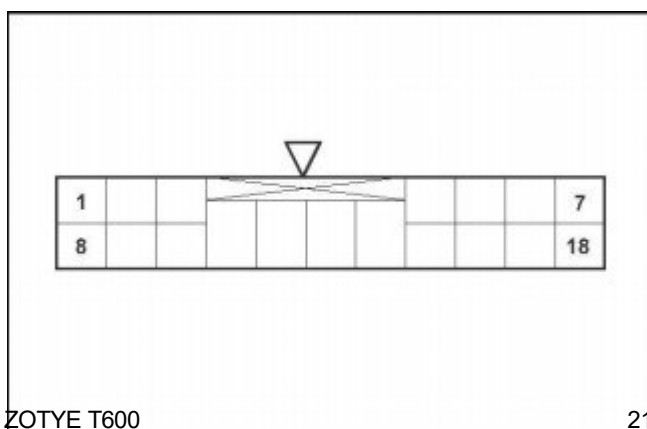
Instrument Electrical box **B-** equipped with keyless start system (**IP17**)



Terminals no.	Wire size	Wire diameter / color	Function
1	IG01B	1.5 R	IGN2 power supply
2	IG01A	2.5 R	IGN1 power supply
3	PB02	1.5 RW	Battery power supply through fuse IF14 (to PEPS controller)
4	PB09	0.5 GR	ACC relay control

Instrument Electrical box **B** – equipped with ignition switch (**IP17**)

Terminals no.	Wire size	Wire diameter / color	Function
1	IG02	1.5 R	IGN2 power supply
2	IG01	2.5 R	IGN1 power supply
3	-	-	Unused
4	AC01	0.35 G	ACC relay control

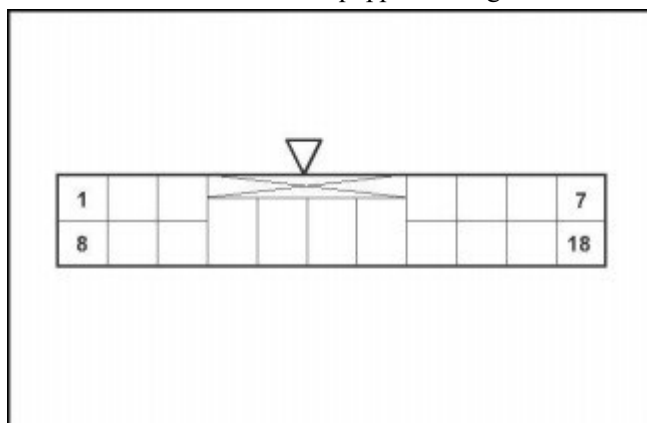
Instrument electrical box **C**- equipped with keyless start system (**IP25**)

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC10A	1.5 RL	Battery power supply through fuse IF12 (to BCM and PEPS controller)
3	-	-	Unused
4	-	-	Unused
5	BT12B	0.35 RY	Battery power supply through fuse IF15 (to diagnosis connector, brake switch and gateway)
6	BT20	0.35 RY	Battery power supply through fuse IF15 (to

Arrangement of harness and plug instructions

			immobilizer controller)
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	BB07	2.5 RW	Battery power supply through fuse IF11 (to BCM)
12	BB06	2.5 RY	Battery power supply through fuse IF19 (to BCM)
13	BC06	2.5 RG	Battery power supply through fuse IF20 (to BCM)
14	BB08	2.5 RB	Battery power supply through fuse IF13 (to BCM)
15	G1027M	0.35 B	ACC relay grounding
16	IP16B	0.5 LR	Battery power supply through fuse IF15 (to button start switch and brake switch)
17	-	-	Unused
18	Q05	0.75 Y	Power supply through ON of fuse IF10 (to airbag controller)

Instrument Electrical box C- equipped with ignition switch (IP25)

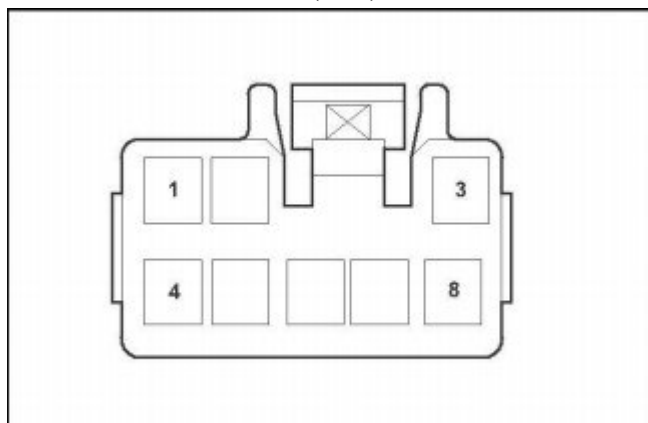


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC10A	1.5 RL	Battery power supply through fuse IF12 (to BCM and PEPS controller)
3	-	-	Unused
4	-	-	Unused
5	BT12B	0.35 RY	Battery power supply through fuse IF15 (to diagnosis

Arrangement of harness and plug instructions

			connector, brake switch and gateway)
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	BB07	2.5 RW	Battery power supply through fuse IF11 (to BCM)
12	BB06	2.5 RY	Battery power supply through fuse IF19 (to BCM)
13	BC06	2.5 RG	Battery power supply through fuse IF20 (to BCM)
14	BB08	2.5 RB	Battery power supply through fuse IF13 (to BCM)
15	G1027M	0.35 B	ACC relay grounding
16	T01	0.35 R	Battery power supply through fuse IF15 (to key connect contact switch)
17	-	-	Unused
18	Q05	0.75 Y	Power supply through ON of fuse IF10 (to airbag controller)

Instrument Electrical box E (IP05)

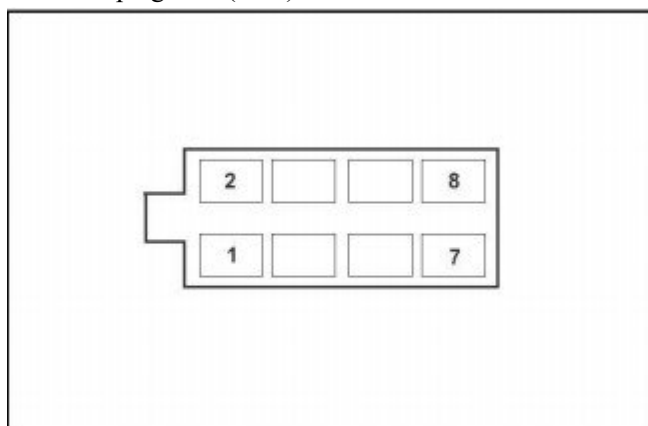


Terminals no.	Wire size	Wire diameter / color	Function
1	N09	1.5 GrR	Power supply through ACC of fuse IF16 (to cigar lighter)
2	PC18	0.35 GY	Power supply through ACC of fuse IF16 (to PEPS controller)
3	RA07	0.5 V	Power supply through ACC of fuse IF17 (to head unit)
4	-	-	Unused

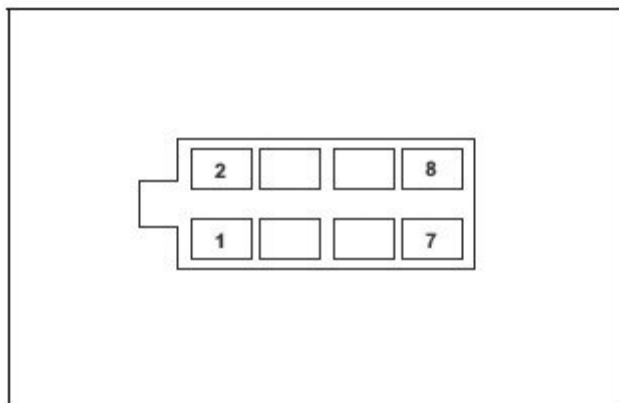
Arrangement of harness and plug instructions

5	BE01	0.35 GO	Power supply through ACC of fuse IF17 (to BCM)
6	AC02	0.35 GB	Power supply through ACC of fuse IF17 (to power mirror switch)
7	AC04	0.5 LG	Power supply through ACC of fuse IF17 (to Electronic anti-dazzle inside rearview mirror)
8	AC03B	0.35 V	Power supply through ACC of fuse IF17 (to vacuum pump relay/ air blower relay/ headlamp cleaning relay)

Head unit plug A (IP45)

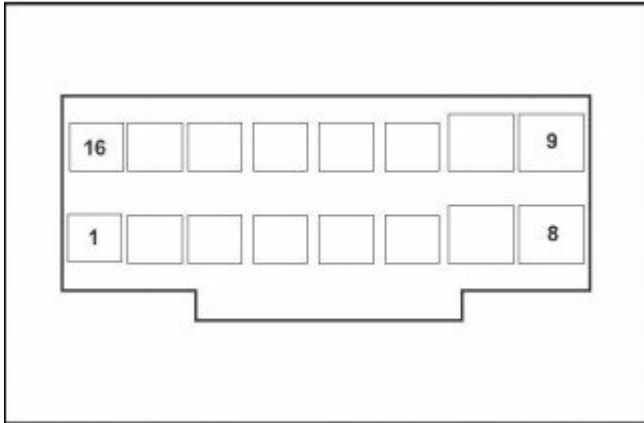


Terminals no.	Wire size	Wire diameter / color	Function
1	RA01	0.35 G	Steering wheel remote control (SWRC+)
2	RA02	0.35 W	Steering wheel remote control (SWRC-)
3	-	-	Unused
4	BT16	0.75 Y	Memory power supply (battery normally power supply)
5	RA05	0.35 RG	Automatic antenna
6	RA06	0.35 L	Backlight power supply
7	RA07	0.5 V	ACC power supply
8	G1016A	0.75 B	Grounding

Head unit plug **B (IP31)**

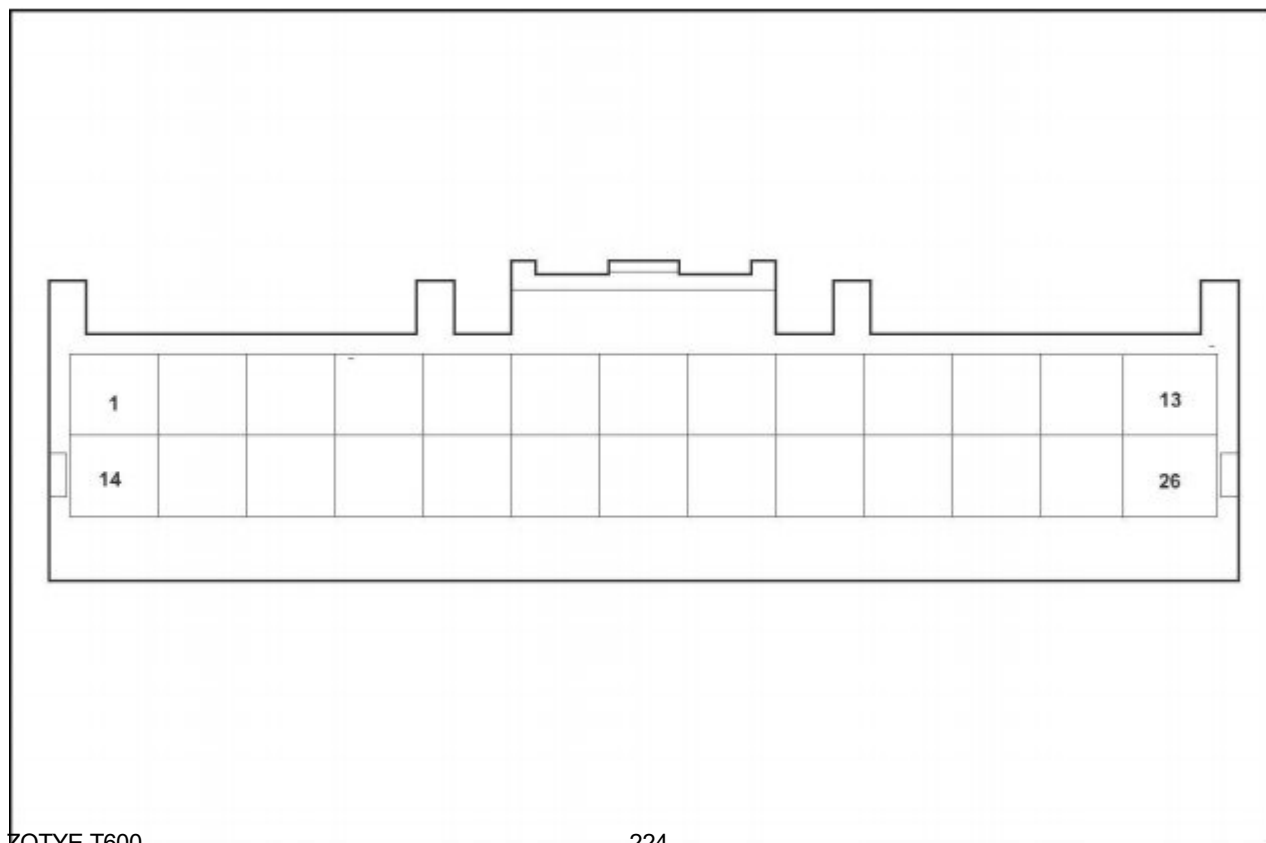
Terminals no.	Wire size	Wire diameter / color	Function
1	RB01	0.5 BrW	Right rear loudspeaker+
2	RB02	0.5 LW	Right rear loudspeaker
3	RB03	0.5 BrR	Right front loudspeaker+
4	RB04	0.5 YW	Right front loudspeaker
5	RB05	0.5 BrY	Left front loudspeaker+
6	RB06	0.5 LY	Left front loudspeaker
7	RB07	0.5 BrB	Left rear loudspeaker+
8	RB08	0.5 LB	Left rear loudspeaker

Head unit plug C (IP42)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	RC03	0.5 G	CAN_H
4	RC04	0.5 L	CAN_L
5	RC05	0.5 R	Camera video+
6	RC06	0.5 W	Camera video
7	-	-	Unused
8	RC08	0.35 WB	Camera grounding
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Connect Floor harness plug A (IP03)



ZOTYE T600

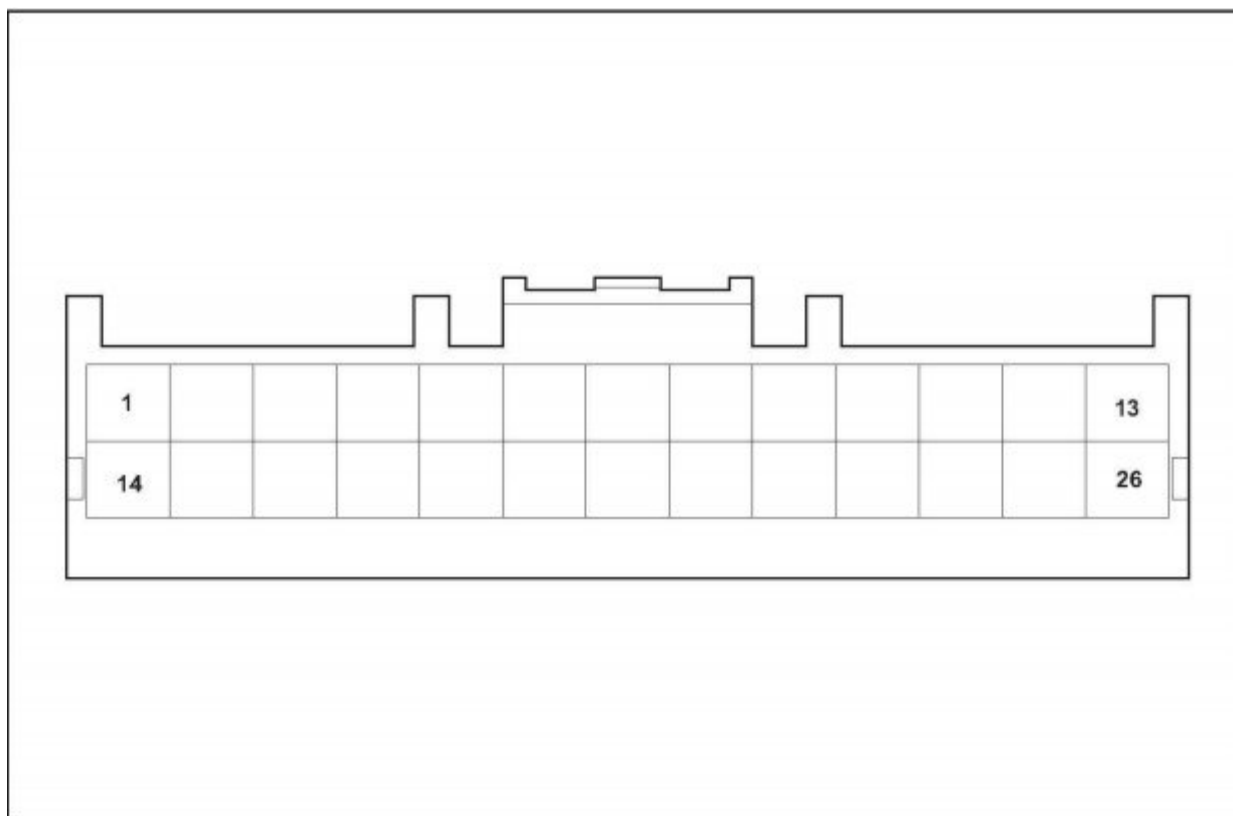
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Terminals no.	Wire size	Wire diameter / color	Function
1	BB01A	0.75 YB	Door lock motor interlocks+
2	PA24A	0.5 BrG	Parking brake switch signal
3	BE29F	0.35 BW	BCM signal
4	IP06B	0.5 RY	Tire pressure monitoring ON gear power supply
5	AL01	0.5 R	Rear vehicle height sensor ON power supply
6	BC02B	0.5 LW	Left steering lamp power supply
7	BA02	0.5 GrR	Trunk lamp power supply
8	BB02D	0.75 WB	Door lock motor unlocked +
9	I19	0.35 GR	Driver safety belt switch signal
10	I21	0.35 WB	Fuel pump oil level signal
11	I05	0.5 G	Oil level sensor
12	BC03B	0.5 GB	Clearance lamp+
13	BE17	0.35 Br	Left rear door lock state switch
14	BD07	0.35 YB	Left rear door power window switch

Arrangement of harness and plug instructions

15	RB07	0.5 BrB	Left rear loudspeaker+
16	RB08	0.5 LB	Left rear loudspeaker
17	BA08	1.5 RY	Left rear window motor rises+
18	BA07	1.5 RW	Left rear window motor falls+
19	58F	0.5 L	Left rear door power window switch backlight power supply
20	BC12F	0.35 GL	Battery power saving output
21	BE20	0.35 BrY	Back-up door lock state switch
22	JD05	0.75 Br	Rear wiper power supply
23	BD18	0.75 GrB	Rear wiper stop signal
24	BC04	0.5 YB	Brake lamp+
25	JD04	0.75 W	Back door unlock motor+
26	BE04	0.35 BrW	Back-up door open switch signal

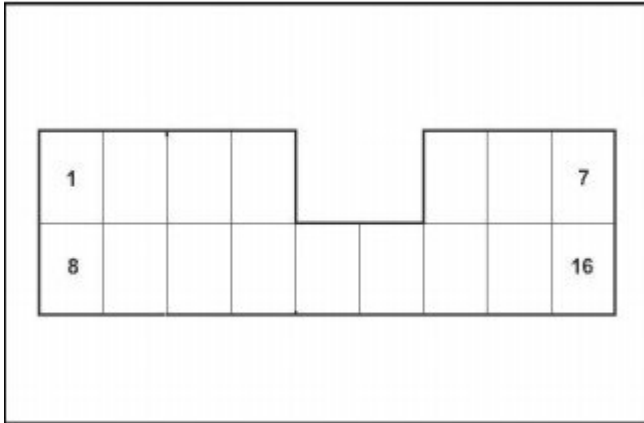
Connect Floor harness plug C (IP41)



Terminals no.	Wire size	Wire diameter / color	Function
1	BD08	0.35 GO	Right rear door power window switch signal
2	RB01	0.5 BrW	Right rear loudspeaker+
3	RB02	0.5 LW	Right rear loudspeaker
4	I07	0.35 BrG	Passenger gravity sensor signal
5	R01	0.5 G	Camera CAN_H
6	R02	0.5 L	Camera CAN_L
7	RC05	0.5 WR	Camera video+
8	RC06	0.5 W	Camera video
9	RC07	0.35 RB	Camera ON gear power supply
10	RC08	0.35 WB	Camera
11	RA05	0.35 RG	Antenna
12	BB09	1.5 YG	Right rear glass lifting motor rises+
13	BB10	1.5 Y	Right rear glass lifting motor falls+
14	BC01B	0.5 LY	Right rear steering lamp+

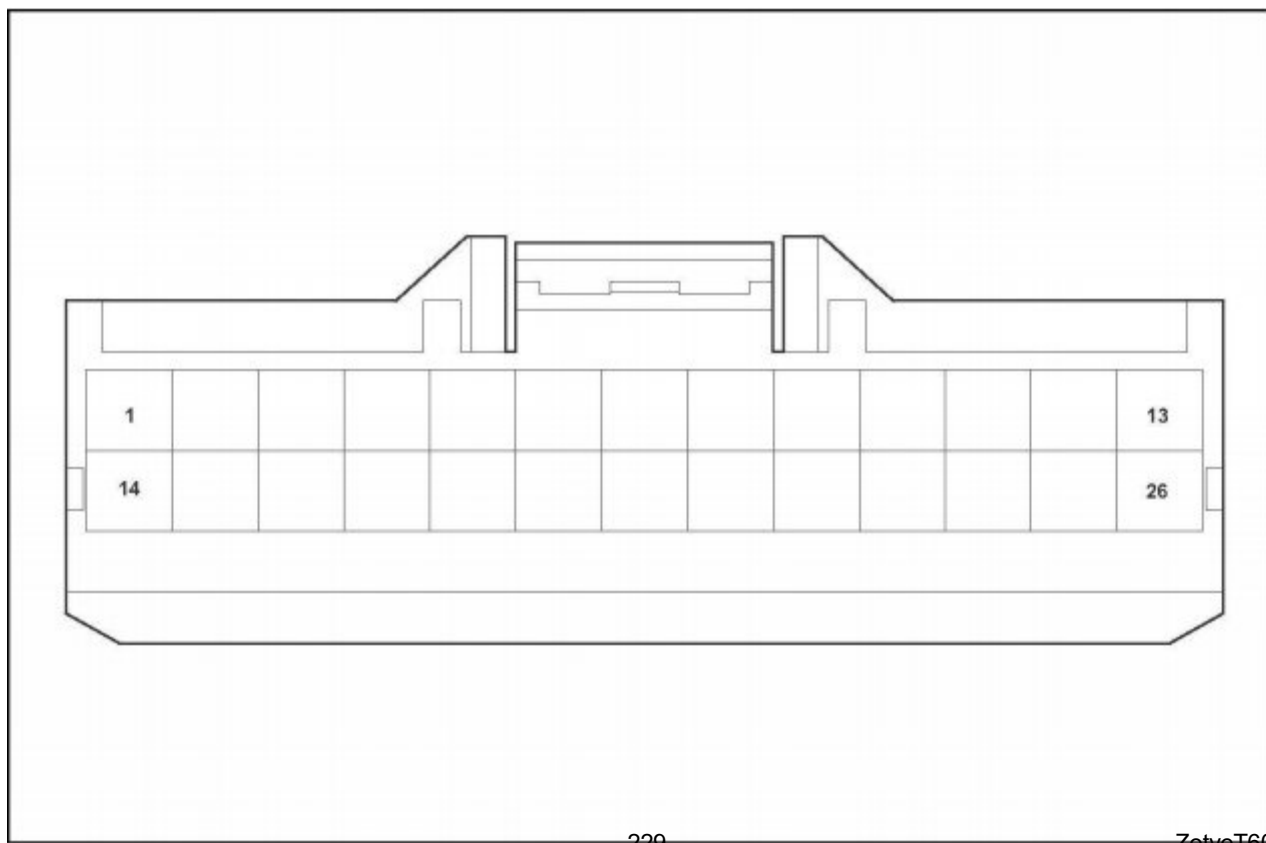
Arrangement of harness and plug instructions

15	PA19	0.5 V	Rear row antenna inductance end
16	PA20	0.5WB	Rear row antenna capacity end
17	PA15	0.5 WR	Front row antenna inductance end
18	PA16	0.5 YB	Front row antenna capacity end
19	BC08	0.75 LR	Rear fog lamp+
20	I22A	0.5WL	Reverse signal
21	I24	0.35 YB	Reverse clock signal
22	I23	0.35 Y	Reverse alarm signal
23	LA01	0.5 R	Reversing radar controller ON gear power supply
24	BE18	0.35 GR	Right rear door lock state switch signal
25	I08	0.35 BrW	Passenger safety belt switch signal
26	N16	2.5 RW	Antenna amplifier+

Connect Floor harness plug **D** (IP43)

Terminals no.	Wire size	Wire diameter / color	Function
1	Q02	0.35 BY	Passenger airbag
2	Q01	0.35 OG	Passenger airbag+
3	Q16	0.35 LR	Passenger seat belt pre-tensioner
4	Q17	0.35 GY	Passenger seat belt pre-tensioner+
5	Q28	0.35 OG	Right side collision sensor
6	Q23	0.35 LW	Lift side air curtain
7	Q22	0.35 GW	Lift side air curtain+
8	Q04	0.35 WL	Driver side airbag +
9	Q03	0.35 Lg	Driver side airbag
10	Q14	0.35 YB	Driver seat belt pre-tensioner
11	Q13	0.35 Y	Driver seat belt pre-tensioner+
12	Q26	0.35 Br	Left side collision sensor +
13	Q27	0.35 BrB	Left side collision sensor
14	Q29	0.35 O	Right side collision sensor +
15	Q24	0.35 WB	Right side air curtain
16	Q25	0.35 GR	Right side air curtain+

Connect Engine room wiring harness plug A (IP30)



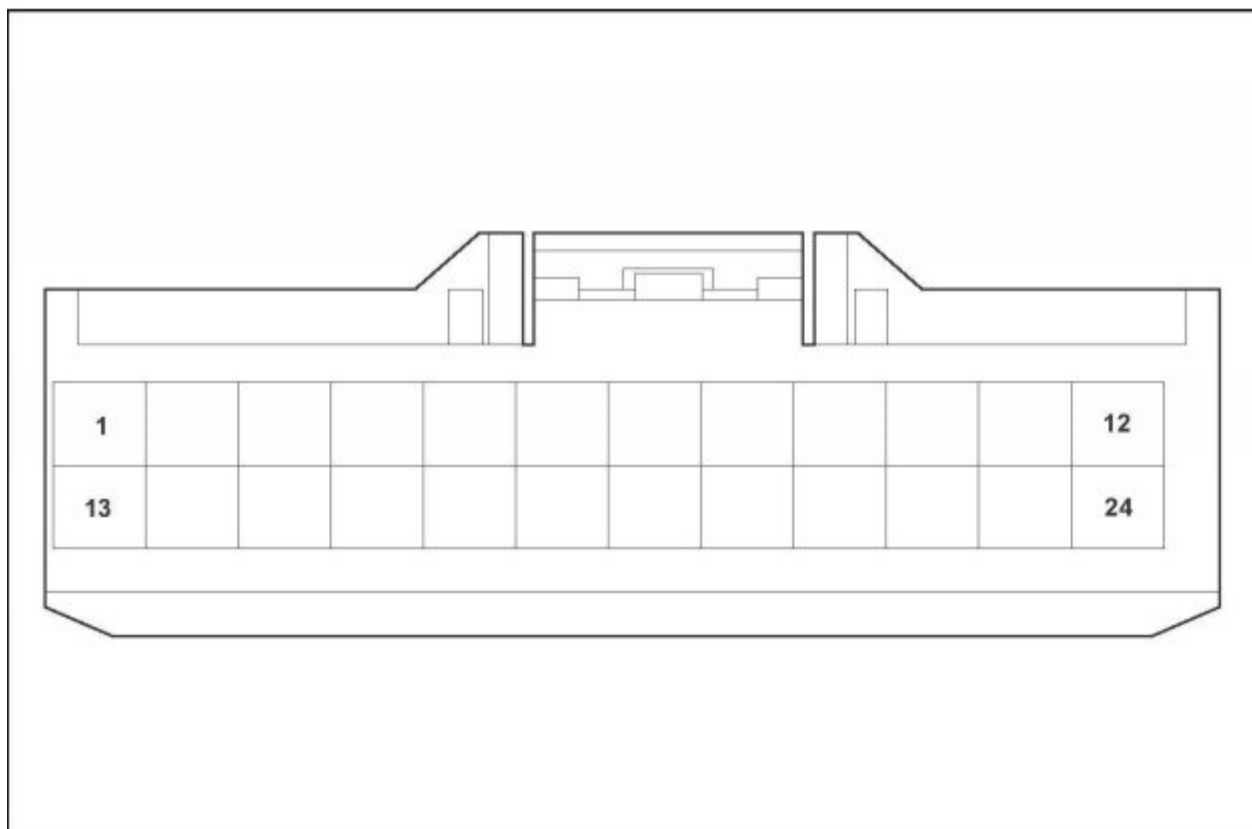
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ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor low speed+
2	BB03	1.5 G	Horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control line
5	JD07	0.75 V	Rearview mirror motor open+
6	JD06	0.75 GrW	Rearview mirror motor folded+
7	BT05	2.5 R	Ignition switch battery power supply
8	JD014	2.5 WY	Rear wiper relay battery power supply
9	JD016	2.5 RB	Rear defrosting relay battery power supply
10	BB05	1.5 G	Front wiper motor high speed+
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA06	0.5 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	Unused

Arrangement of harness and plug instructions

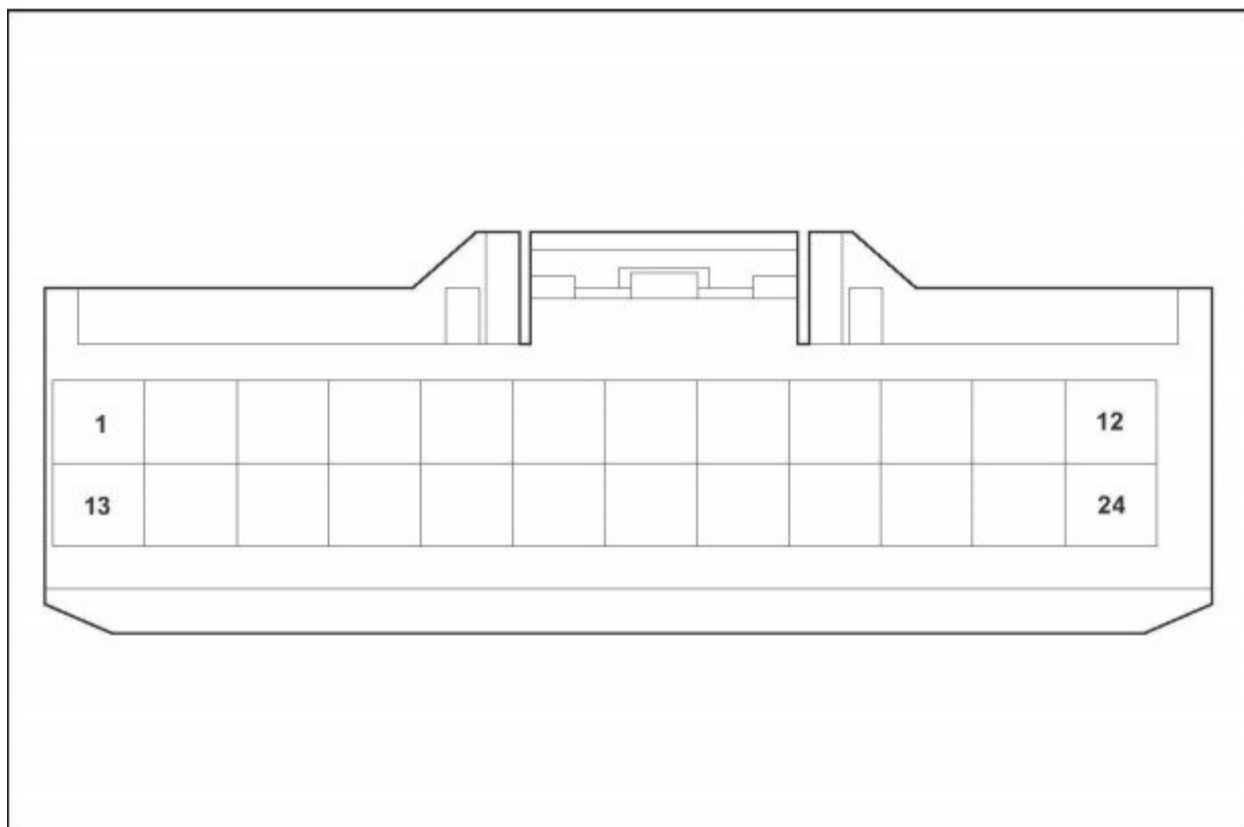
15	IG03	1.5 RY	Power supply through ON gear of fuse IF4 (to ABS/ESC controller and air condition pressure switch)
16	M74B	0.35 YG	Clutch switch signal
17	LA10A	0.5 YB	Back-up switch signal
18	PB08	0.5 GrB	Starter relay control line
19	-	-	Unused
20	A28B	0.5RY	Rotating angle sensor ON gear power supply
21	IP16A	0.5 Br	Brake switch normally closed end battery power supply
22	PA05	0.35 YR	Brake switch normally closed signal
23	I16	0.35 W	Charging indicator
24	I09	0.35 GrB	Engine oil pressure switch signal
25	K09	B 0.35	Outdoor temperature sensor
26	AC26	0.35 G	CAN_H

Connect Engine room wiring harness plug **B-** type **1** (IP28)

Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.5 LO	Electronic rearview mirror open relay control line
2	BD27	0.5 GrG	Electronic rearview mirror folded relay control line
3	-	-	Unused
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03B	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 V	ESC switch signal
7	BC11	0.5 YL	Washmotor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	-	-	Unused
11	PC19	0.35 R	Starting current feedback signal
12	BC05	0.5 LY	Washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height sensor ON gear power supply
14	K01	0.35 V	Outdoor temperature sensor +

Arrangement of harness and plug instructions

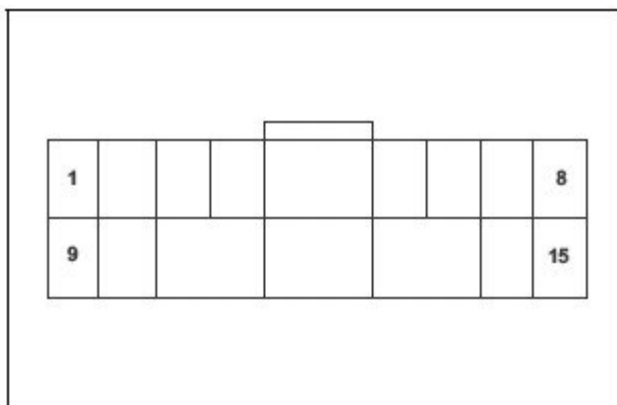
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	C42B	0.5 GL	Power supply through fuse FB03
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M17	0.35 V	Engine ECU diagnosis K line
23	BD30	0.5 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Connect Engine room wiring harness plug **B-type 2 (IP28)**

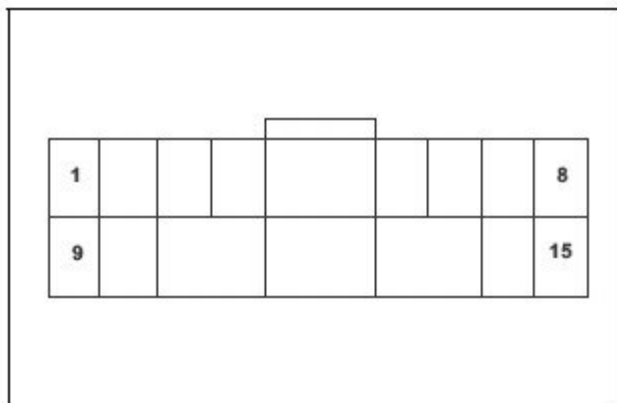
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	BT25	0.5 RL	Brake switch normally open signal
5	AC03B	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 V	ESC switch signal
7	BC11	0.5 YL	washmotor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 W	Front fog lamp relay control line
10	C45B	0.35 BY	Headlamp signal switch signal
11	PC19	0.35 R	Starting current feedback signal
12	BC05	0.5 LY	washmotor front washing+
13	-	-	Unused
14	K01	0.35 V	Outdoor temperature sensor +

Arrangement of harness and plug instructions

15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	C42B	0.5 GL	Power supply through fuse FB03
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M17	0.35 V	Engine ECU diagnosis K line
23	-	-	Unused
24	BE24	0.35 GW	Front wiper motor return signal

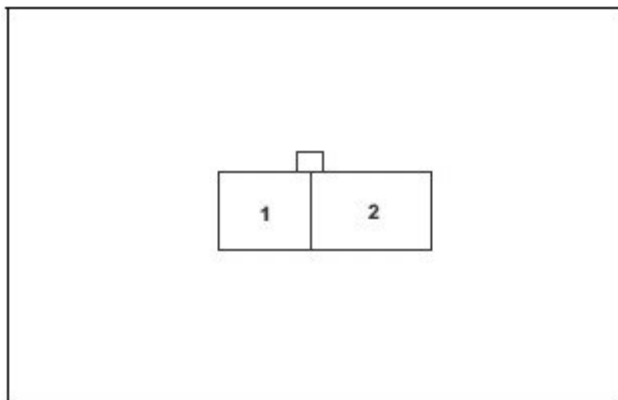
Connect **HVAC harness**-electric air conditioning system (IP53)

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	K04	0.5 G	Air blower relay control
5	58H	0.5 G	Air conditioning controller backlight power supply
6	-	-	Unused
7	G1015B	0.5 B	Air conditioning controller grounding
8	K8	0.5 G	CAN_H
9	-	-	Unused
10	K10	2.5 LR	Rear defrost signal
11	K11	2.5 R	Air blower power supply
12	IP05	0.5 Br	Air conditioning controller power supply
13	-	-	Unused
14	-	-	Unused
15	K15	0.5 L	CAN_L

Connect **HVAC harness**-automatic air conditioning system (**IP53**)

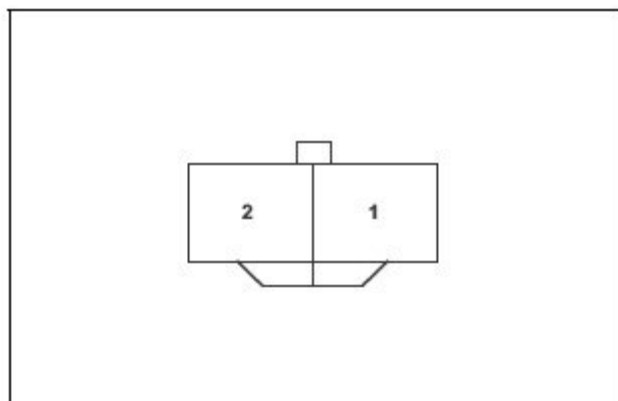
Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Outdoor temperature sensor signal
2	-	-	Unused
3	-	-	Unused
4	K04	0.4 G	Air blower relay control
5	58H	0.5 G	Air conditioning controller backlight power supply
6	-	-	Unused
7	G1015B	0.5 B	Air conditioning controller grounding
8	K8	0.5 G	CAN_H
9	K09	0.35 B	Outdoor temperature sensor
10	K10	2.5 LR	Rear defrost signal
11	K11	2.5 R	Air blower power supply
12	IP05	0.5 Br	Air conditioning controller power supply
13	-	-	Unused
14	-	-	Unused
15	K15	0.5 L	CAN_L

Key connect contact switch (IP22)



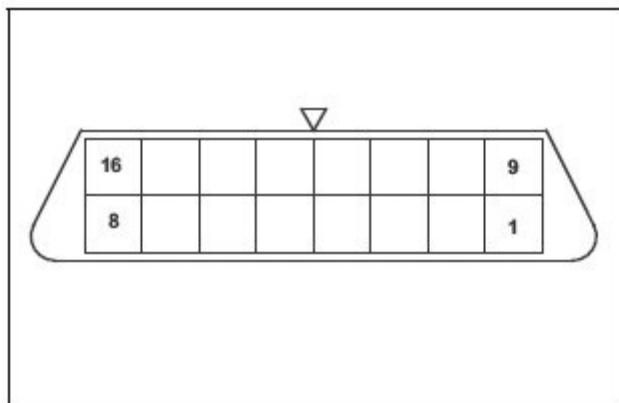
Terminals no.	Wire size	Wire diameter / color	Function
1	T01	0.35 B	Battery power supply
2	BE02	0.35 BrW	Ignition key not pull out switch

Keyhole lighting (IP23)



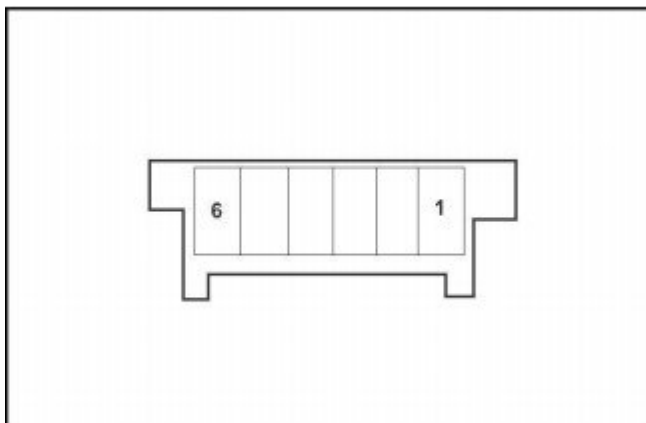
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12E	0.35 GL	Energy saving output
2	BD25	0.5 LR	Key lighting+

Diagnosis connector (IP18)



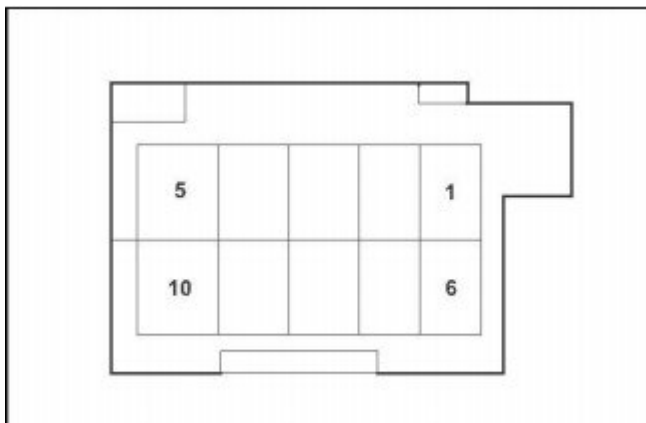
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	OC03	0.35 G	CAN1_H
4	G1027H	0.35 B	Grounding
5	G1027K	0.35 B	Grounding
6	AC26	0.35 G	CAN2_H
7	OK07B	0.35 V	Engine ECU diagnosis K line
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	OC11	0.35 L	CAN1_L
12	-	-	Unused
13	-	-	Unused
14	AC14	0.35 L	CAN2_L
15	-	-	Unused
16	BT12A	0.35 RY	Battery 12V power supply

Rotating angle sensor (IP20)



Terminals no.	Wire size	Wire diameter / color	Function
1	SA01	0.5 L	CAN_L
2	SA02	0.5 G	CAN_H
3	A28B	0.5 RY	Battery power supply
4	G1015D	0.5 B	Grounding
5	-	-	Unused
6	-	-	Unused

Combination switch lighting control (IP10)

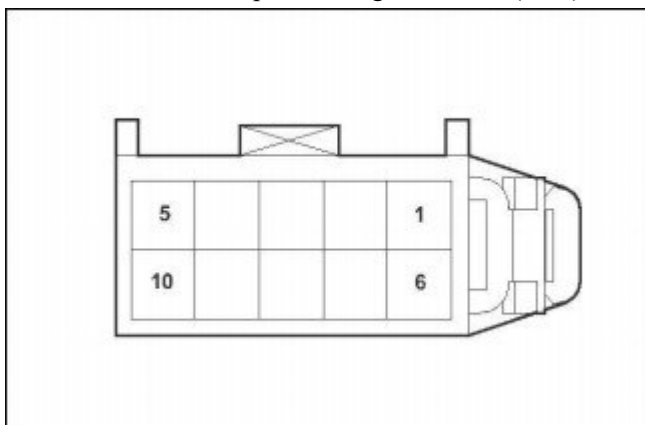


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BE05	0.35 GW	Clearance lamp/low beam/automatic headlamp switch signal
4	BE07	0.35 BL	Flash lamp/ high beam/ switch signal

Arrangement of harness and plug instructions

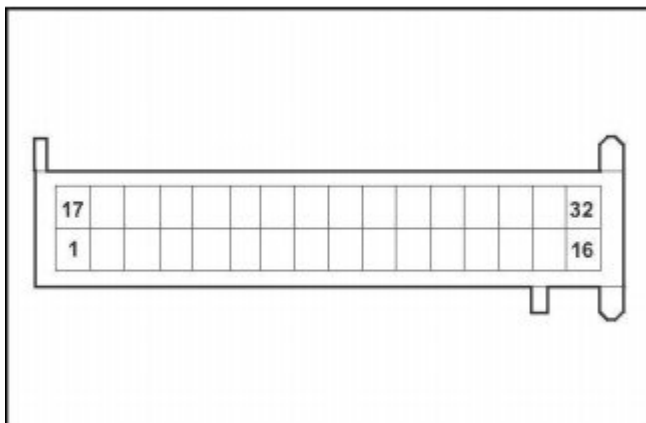
5	BE11	0.35 RW	Steering lamp switch signal
6	-	-	Unused
7	BE29A	0.35 B	Grounding
8	BE10	0.35 BrR	Rear fog lamp switch signal
9	-	-	Unused
10	BE09	0.35 BrB	Front fog lamp switch signal

Combination Switch wiper washing control (IP14)



Terminals no.	Wire size	Wire diameter / color	Function
1	BD03	0.35 LgR	Front wiper 2 switch signal
2	BD02	0.35 WG	Front wiper 1 switch signal
3	BE29	0.35 B	Grounding
4	BE26	0.35 GrG	Front washing switch signal
5	-	-	Unused
6	-	-	Unused
7	BE22	0.35 WL	Rear wiper 1 switch signal
8	-	-	Unused
9	BE23	0.35 YB	Rear wiper 2 switch signal
10	BD04	0.35 RL	Front wiper regulation signal

Combination instrument (IP09)

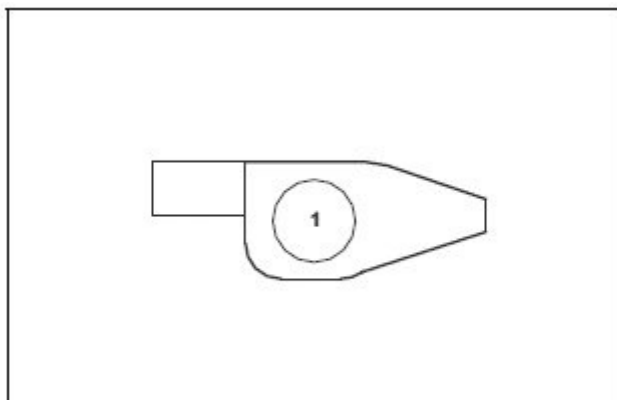


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	G1016	0.5 B	Power supply
4	-	-	Unused
5	I05	0.5 B	Oil level sensor
6	-	-	Unused
7	I07	0.35 BrG	Passenger gravity sensor
8	I08	0.35 BrW	Passenger safety belt switch
9	I09	0.35 GrB	Engine oil pressure switch
10	-	-	Unused
11	I11	0.5 R	Battery 12V power supply
12	-	-	Unused
13	I13	0.5 Br	Ignition switch ON gear power supply
14	-	-	Unused
15	-	-	Unused
16	I16	0.35 W	Engine charging indicator
17	58G	0.5 L	Backlight power supply
18	I18	0.35 BrR	Parking brake switch
19	I19	0.35 GR	Driver safety belt switch
20	-	-	Unused

Arrangement of harness and plug instructions

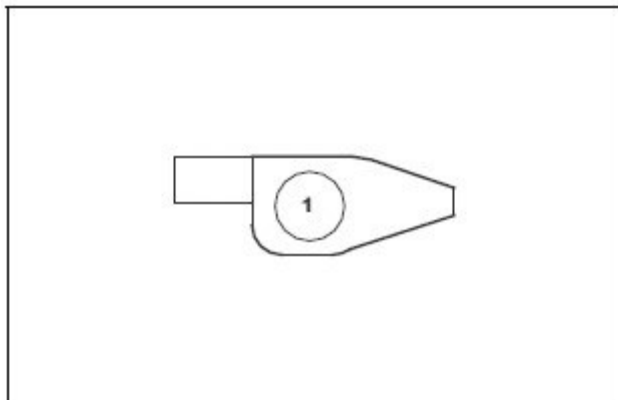
21	I21	0.35 WB	Fuel sensor oil level signal
22	I22	0.5 WL	Back-up switch signal
23	I23	0.35 Y	Reversing radar alarm signal
24	I24	0.35 YB	Reversing radar time signal
25	-	-	Unused
26	I26	0.35 Brl	Brake fluid level switch
27	-	-	Unused
28	I28	0.35 BW	Speed signal (to skylight)
29	IC29	0.35 L	CAN_L
30	IC30	0.35 G	CAN_H
31	-	-	Unused
32	BD17	0.35 GrL	BCM vehicle immobilizer indicator

Bonding (IP26)



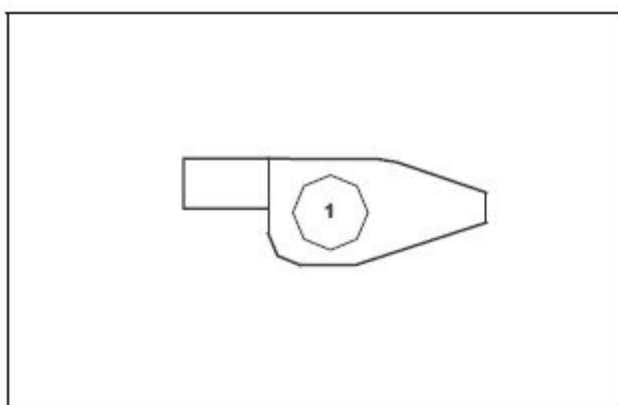
Terminals no.	Wire size	Wire diameter / color	Function
1	G1011	2.5 B	Refer to “grounding location, function and distribution”

Bonding (IP29)



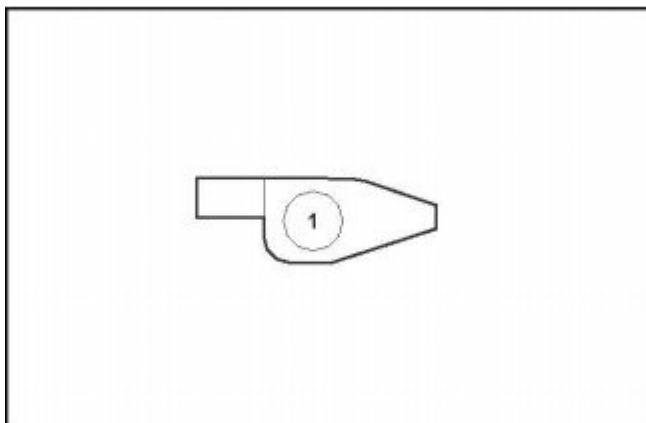
Terminals no.	Wire size	Wire diameter / color	Function
1	G1027M	0.35 B	Refer to “grounding location, function and distribution”
	G1027K	0.35 B	
	G1027H	0.35 B	
	G1027G	0.5 B	
	G1027F	0.5 B	
	G1027E	0.5 B	
	G1027D	0.5 B	
	G1027P	0.5 B	
	G1027R	0.5 B	

Bonding (IP46)



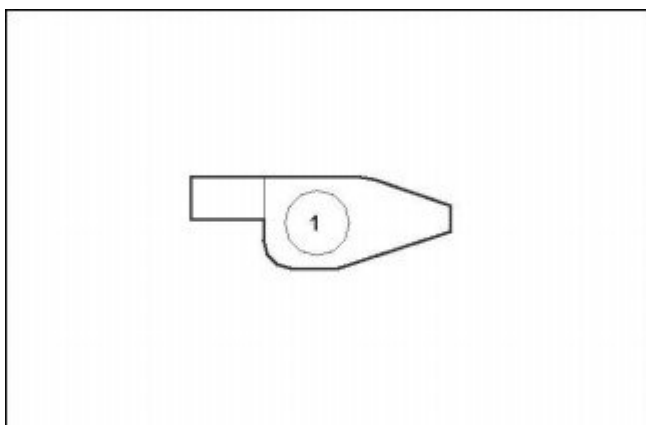
Terminals no.	Wire size	Wire diameter / color	Function
1	G1019	0.75 RB	Refer to “grounding location, function and distribution”

Bonding (IP39)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1015	0.5 B	Refer to “grounding location, function and distribution”
	G1015A	0.5 B	
	G1015B	0.5 B	
	G1015C	0.35 B	
	G1015D	0.5 B	
	G1015E	0.5 B	
	G1015F	0.5 B	

Bonding (IP40)

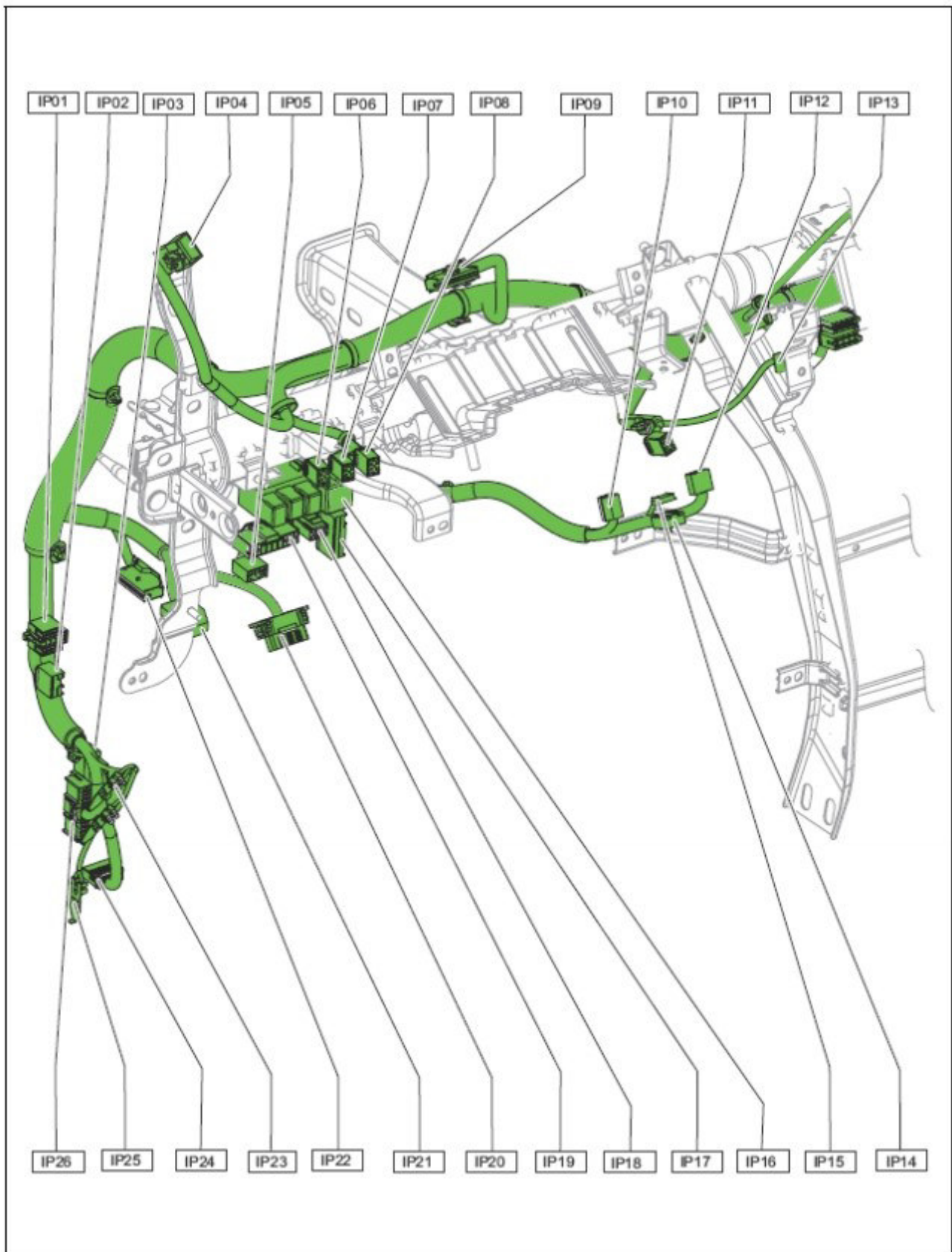


Terminals no.	Wire size	Wire diameter / color	Function
1	G1016	0.5 B	Refer to “grounding location, function and distribution”
	G1016A	0.75 B	
	G1016B	0.5 B	

Arrangement of harness and plug instructions

	G1016C	0.5 B	
	G1016D	0.5 B	
	G1016E	0.5 B	
	G1016F	1.5 B	

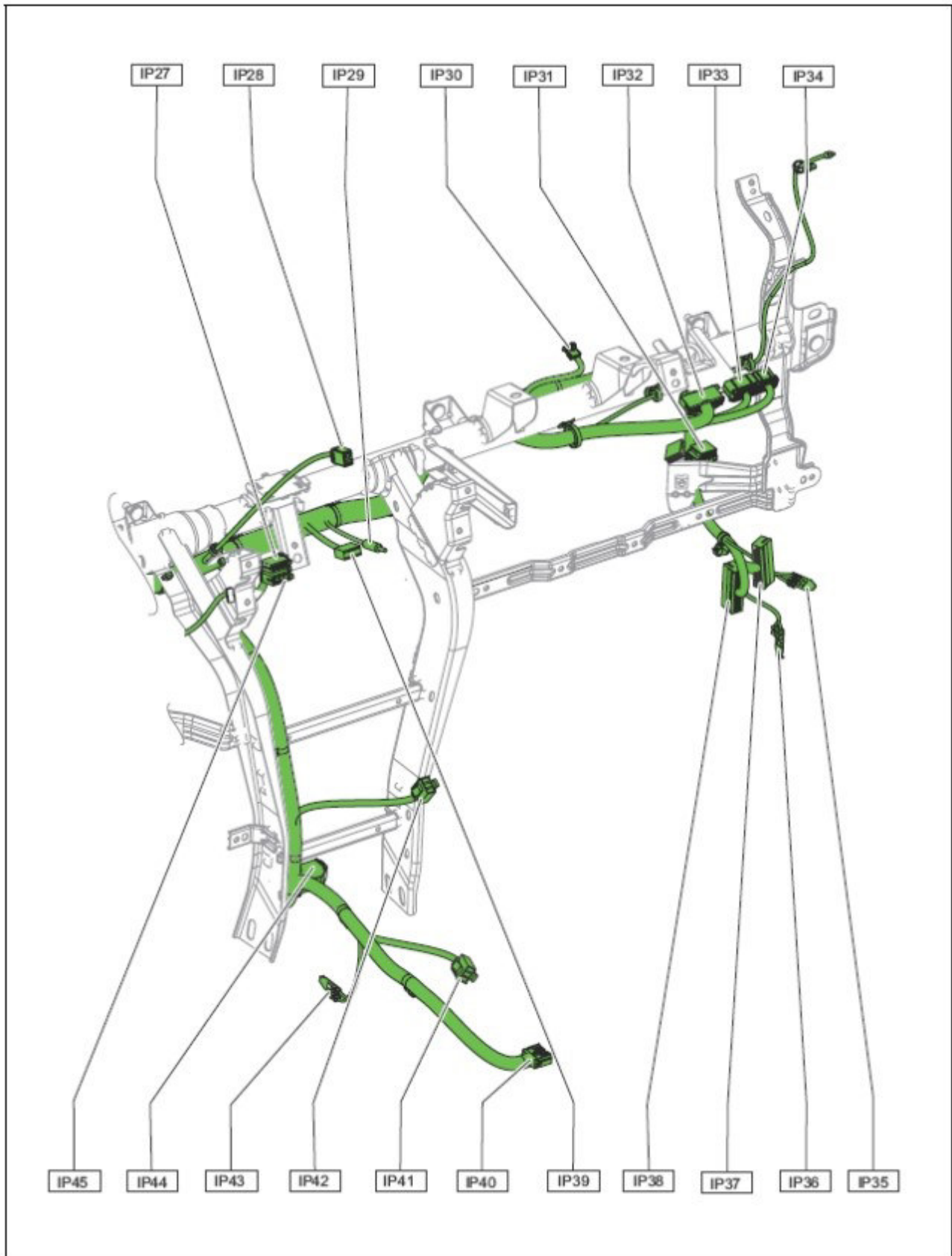
Instrument panel wiring harness-Left part-2.0T (MT)



Instrument panel wiring harness-Left part plug definition

Plug code	Connected electrical equipment
IP01	Connect front door wiring harness - Left plug A
IP02	Connect front door wiring harness - Left plug B
IP03	Connect floor harness plug A
IP04	Connect roof harness
IP05	Dashboard electrical box E
IP06	ESC switch
IP07	Backlight regulating switch
IP08	Rearview mirror folded switch
IP09	Combination instrument
IP10	Combination switch lighting control
IP11	Electrical steering column lock
IP12	Combination switch wiper washing control
IP13	Button start switch
IP14	Clock spring
IP15	Rotating angle sensor
IP16	Relay socket
IP17	Instrument electrical box A
IP18	Instrument electrical box B
IP19	Instrument electrical box C
IP20	Diagnosis connector
IP21	BCM plug D
IP22	BCM plug E
IP23	Bonding 11 (G1011)
IP24	Connect engine room wiring harness plug B
IP25	Bonding 27 (G1027)
IP26	Connect Engine room wiring harness plug A

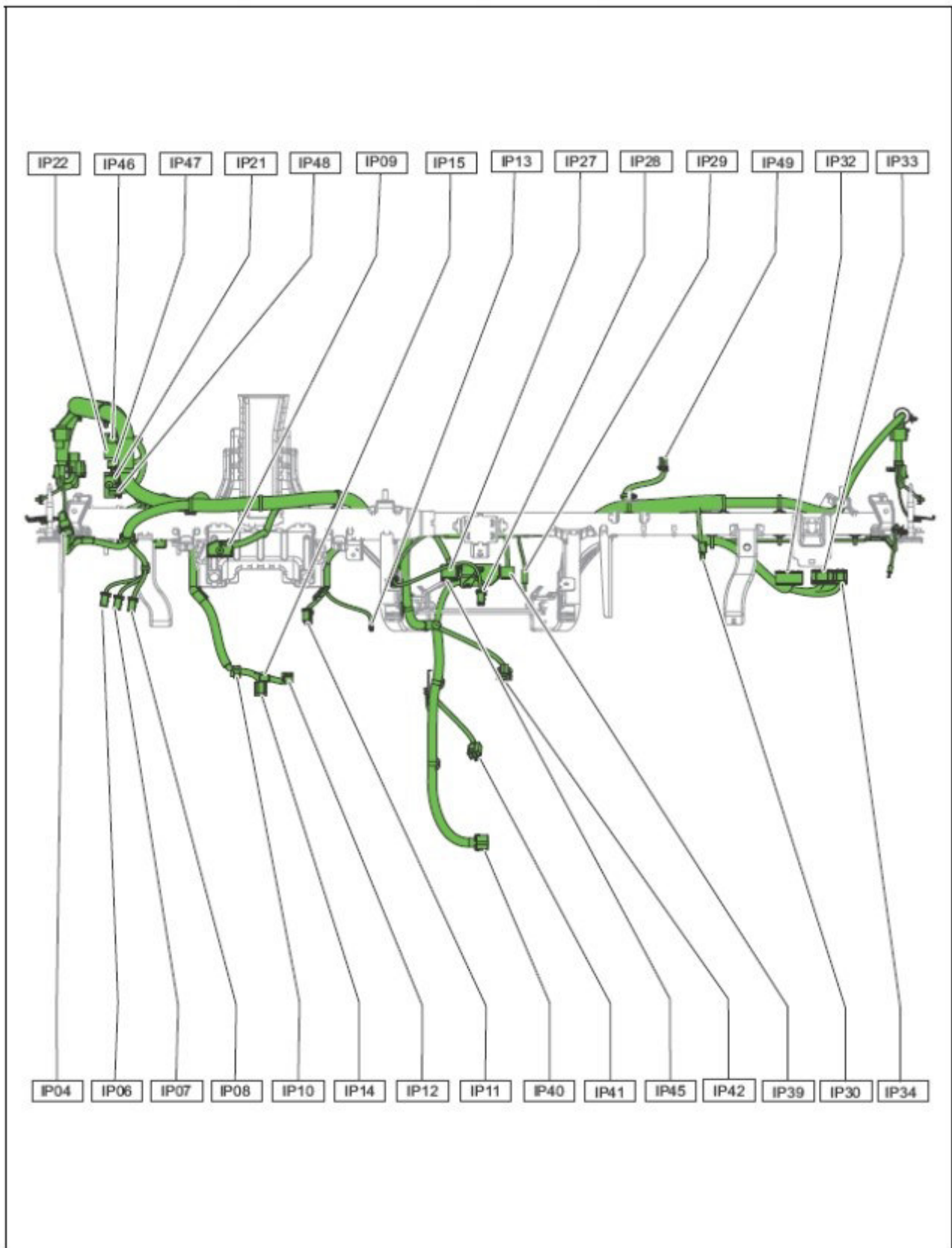
Instrument panel wiring harness-Right part-2.0T (MT)



Instrument panel wiring harness-Right part plug definition

Plug code	Connected electrical equipment
IP27	Head unit plug B
IP28	Hazard warning lamp switch
IP29	Antenna feeder
IP30	Passenger airbag
IP31	Connect front door wiring harness- Right1, 2
IP32	Keyless start module plug A
IP33	Keyless start module plug B
IP34	Keyless start module plug C
IP35	Bonding 15 (G1015)
IP36	Bonding 16 (G1016)
IP37	Connect floor harness plug E
IP38	Connect floor harness plug C
IP39	Head unit plug C
IP40	Connect floor harness plug D
IP41	Immobilizer controller
IP42	Cigar lighter
IP43	Bonding 18 (G1018)
IP44	Airbag controller
IP45	Head unit plug A

Instrument panel wiring harness-top view-2.0T (MT)

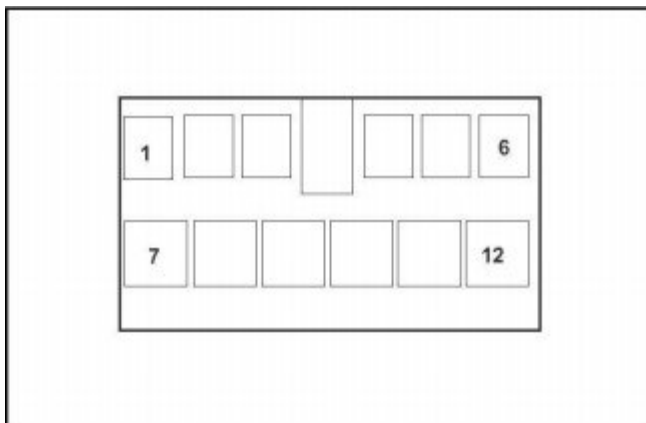


Instrument panel wiring harness-top view plug definition

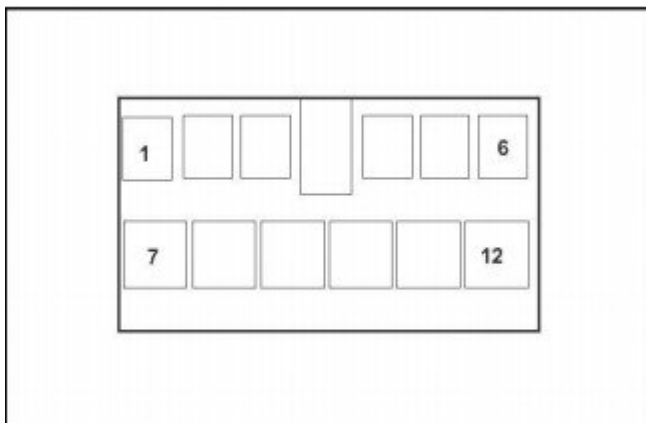
Plug code	Connected electrical equipment
IP04	Connect roof harness
IP06	ESC switch
IP07	Backlight regulating switch
IP08	Rearview mirror folded switch
IP09	Combination instrument
IP10	Combination switch lighting control
IP11	Electrical steering column lock
IP12	Combination switch wiper washing control
IP13	Button start switch
IP14	Clock spring
IP15	Rotating angle sensor
IP21	BCM plug D
IP22	BCM plug E
IP27	Head unit plug B
IP28	Hazard warning lamp switch
IP29	Antenna feeder
IP30	Passenger airbag
IP32	Keyless start module plug A
IP33	Keyless start module plug B
IP34	Keyless start module plug C
IP39	Head unit plug C
IP40	Connect floor harness plug D
IP41	Immobilizer controller
IP42	Cigar lighter
IP44	Airbag controller
IP45	Head unit plug A
IP46	BCM plug B
IP47	BCM plug A
IP48	BCM plug C
IP49	Connect HVAC harness

Instrument panel wiring harness plug Description-2.0T (MT)

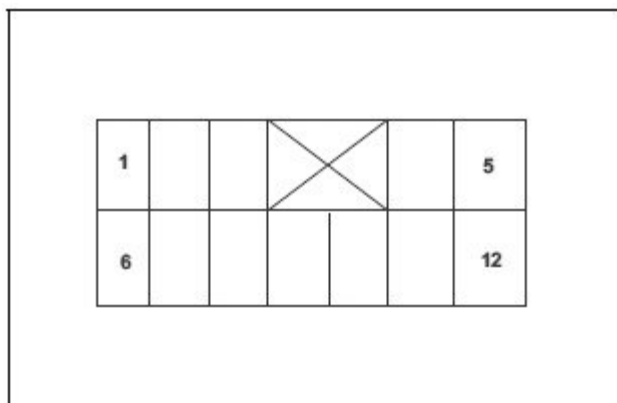
BCM plug A (IP47)



Terminals no.	Wire size	Wire diameter / color	Function
1	BA01	0.5 GO	Dome lamp output
2	BA02	0.5 GrR	Trunk lamp output
3	BA03	2.5 B	Grounding
4	BA04	0.5 RB	Front door open warning light output
5	BA05	0.5 G	Back door unlock relay control
6	BA06	0.5 GBr	Electrical steering column lock control
7	BA07	1.5 RW	Left rear window motor falls+
8	BA08	1.5 RY	Left rear window motor rises+
9	BA09	1.5 OB	Right front window motor falls+
10	BA10	1.5 O	Right front window motor rises+
11	BA11	1.5 GR	Left front window motor falls+
12	BA12	1.5 GB	Left front window motor rises+

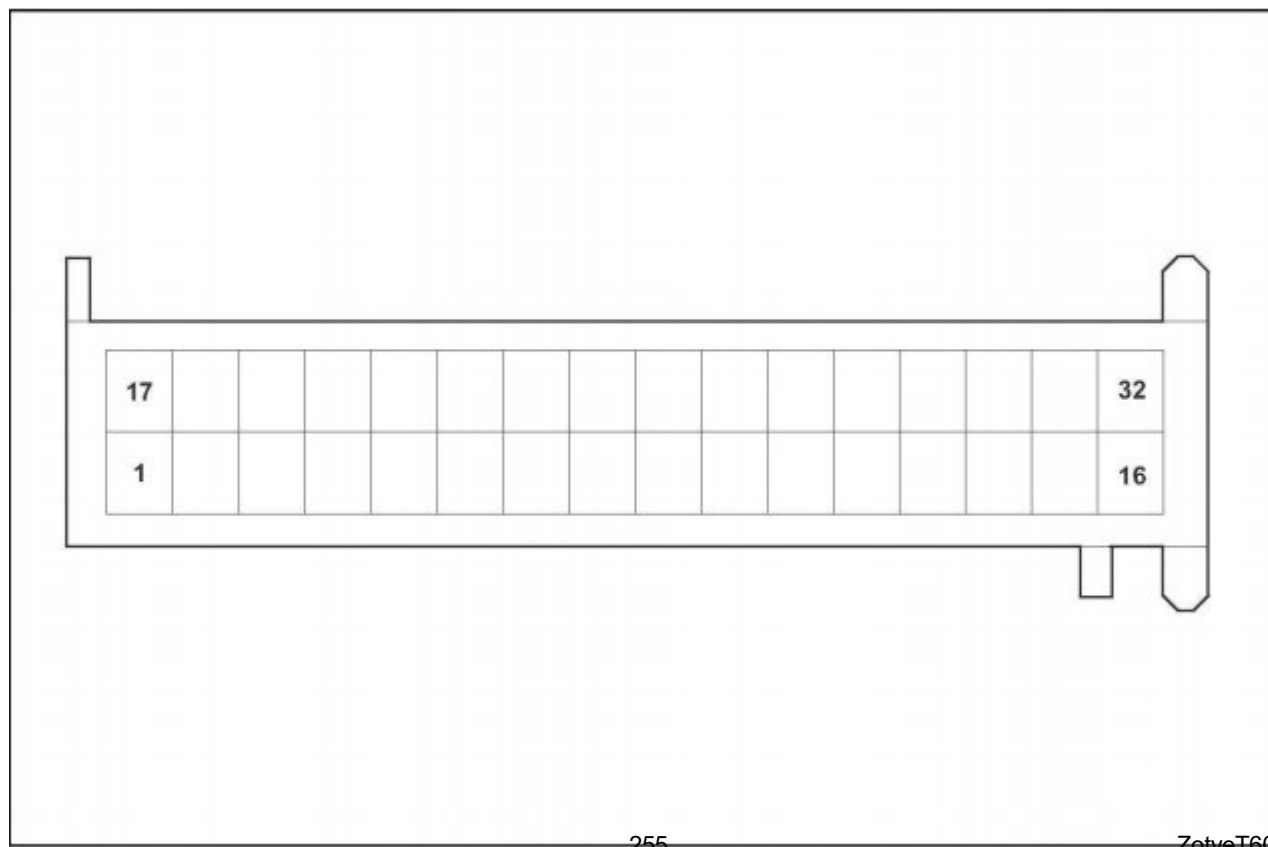
BCM plug B (IP46)

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01	0.75 YB	Door lock motor interlocks+
2	BB02	0.75 WB	Door lock motor unlocked +
3	BB03	1.5 G	Compound horn+
4	BB04	1.5 V	Front wiper motor (low speed) +
5	BB05	1.5 G	Front wiper motor (High speed) +
6	BB06	2.5 RY	Battery 12V power supply (lock motor/ horn/ electrical steering column lock)
7	BB07	2.5 RW	Battery 12V power supply (Front door glass lifting motor)
8	BB08	2.5 RB	Battery 12V power supply (Rear door glass lifting motor)
9	BB09	1.5 YR	Right rear window motor rises+
10	BB10	1.5 Y	Right rear window motor falls+
11	G1011	2.5 B	Power supply
12	G1011A	2.5 B	Power supply

BCM plug C (IP48)

Terminals no.	Wire size	Wire diameter / color	Function
1	BC0	0.5LY	Right steering lamp+
2	BC0	0.5 LW	Left steering lamp+
3	BC0	0.5 GB	Clearance lamp+
4	BC0	0.5 GB	Brake lamp+
5	BC0	0.5 LY	Motor front washing+
6	BC0	2.5 RG	Battery 12V power supply (Steering lamp/ fog lamp/ clearance lamp)
7	BC0	0.5 WY	Backlight lamp+
8	BC0	0.75 LG	Rear fog lamp+
9	BC0	1.5 RY	Battery 12V power supply (wiper motor/ washing motor)
10	BC	1.5 RL	Battery 12V power supply (Battery power saving/ front door warning lamp)
11	BC	0.5 YL	Motor rear washing+
12	BC	0.5 GL	Battery power saving output

BCM plug D (IP21)



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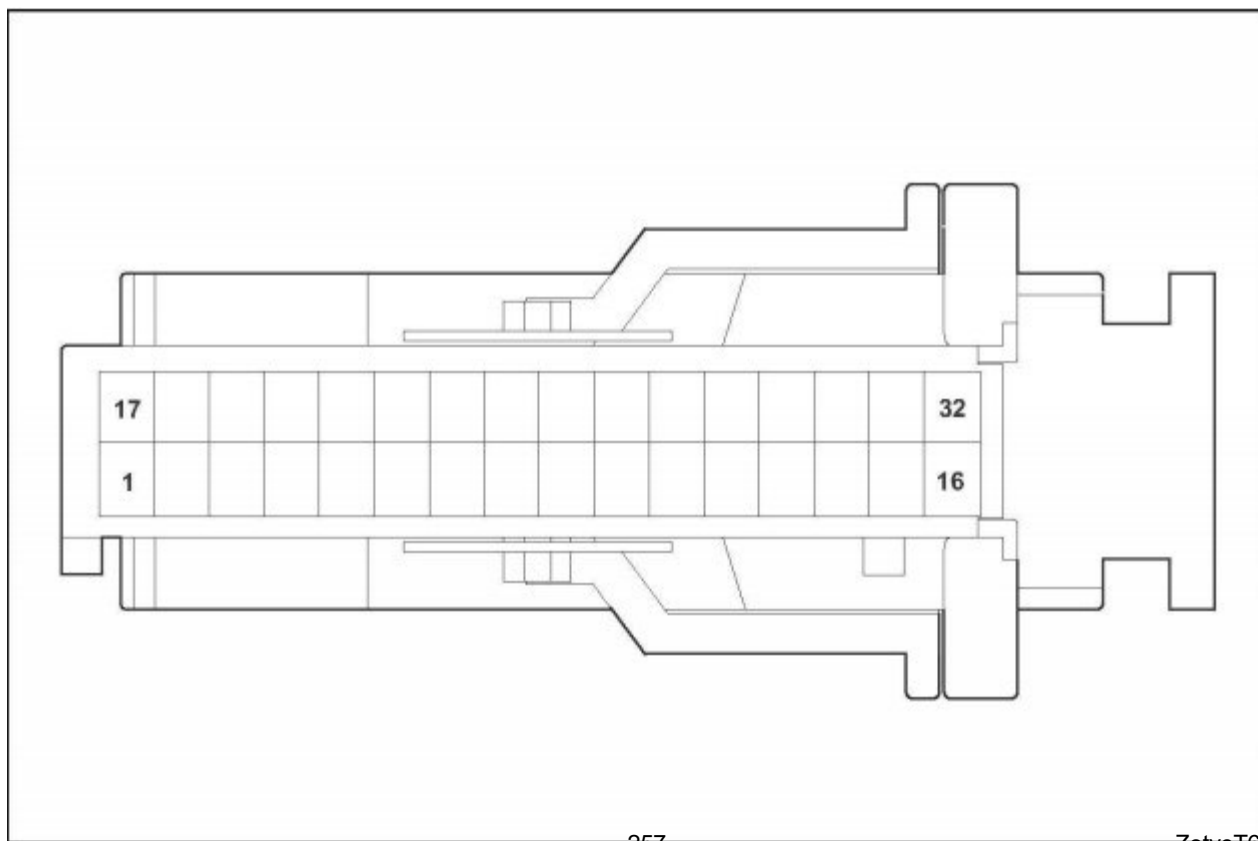
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BD01	0.35 Br	Rearview mirror folded switch control signal
2	BD02	0.35 WG	Wiper washing switch (front wiper 1) signal
3	BD03	0.35 LgR	Wiper washing switch (front wiper 2) signal
4	BD04	0.35 RL	Wiper washing switch (front wiper regulation) signal
5	BD05	0.35 Y	Horn switch
6	BD06	0.35 LY	Left front door central locking switch (unlocked / interlock)
7	BD07	0.35 YB	Left rear door power window switch
8	BD08	0.35 GL	Right rear door power window switch
9	BD09	0.35 GR	Right front door power window switch
10	BD10	0.35 GB	Left front door power window switch (Left rear window)
11	BD11	0.35 WY	Left front door power window switch (right rear window)
12	BD12	0.35 YB	Left front door power window switch (right front window)

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
13	BD13	0.35 BrR	Left front door power window switch (left front window)
14	BD14	0.35 P	High beam relay control
15	BD15	0.35 R	Low beam relay control
16	BD16	0.35 VW	Front fog lamp relay control
17	BD17	0.35 GrL	Immobilizer indicator output (to instrument)
18	BD18	0.35 GrB	Rear wiper stop signal
19	BD19	0.35 G	CAN_H
20	BD20	0.35 L	CAN_L
21	-	-	Unused
22	BD22	0.5 GW	Rear wiper relay control
23	-	-	Unused
24	BD24	0.5 Y	Daytime running lamps relay control
25	-	-	Unused
26	-	-	Unused
27	BD27	0.5 GrG	Rearview mirror folded relay control
28	BD28	0.5 LO	Rearview mirror open relay control
29	-	-	Unused
30	BD30	0.5 Y	Headlamp washmotor relay control
31	BD31	0.35 Br	Rain sensor
32	-	-	Unused

BCM plug E (IP22)



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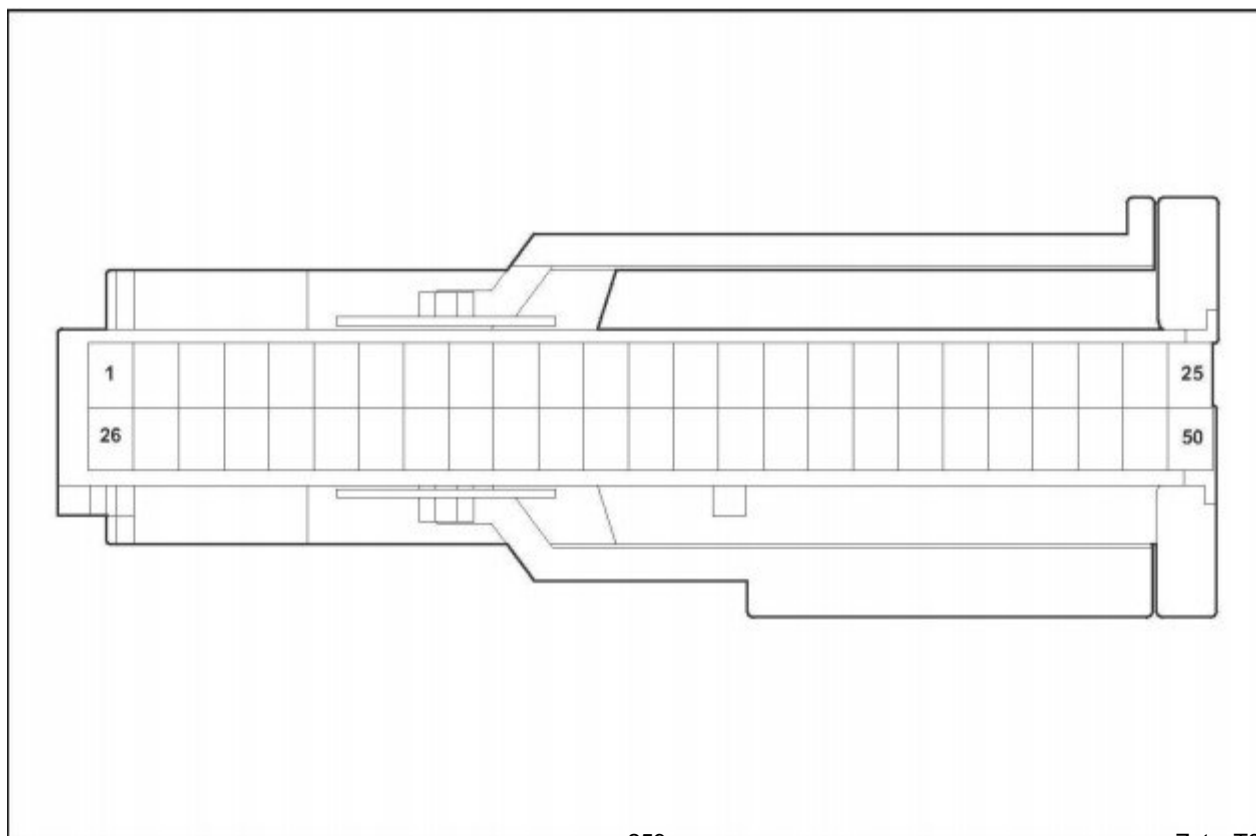
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BE01	0.35 GO	Ignition switch ACC gear power supply
2	-	-	Unused
3	BE03	0.5 Br	Ignition switch ON gear power supply
4	BE04	0.35 BrW	Back-up door open switch signal
5	BE05	0.35 GW	Lighting control switch (Clearance lamp, low beam, automatic headlamp) signal
6	-	-	Unused
7	BE07	0.35 BL	Lighting control switch (flash lamp, high beam) signal
8	-	-	Unused
9	BE09	0.35 BrB	Lighting control switch (front fog lamp) signal
10	BE10	0.35 BrR	Lighting control switch (rear fog lamp) signal
11	BE11	0.35 RW	Lighting control switch (steering lamp) signal
12	-	-	Unused
13	BE13	0.35 OG	Hazard warning lamp switch signal

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	BE14	0.35 RY	Child lock switch signal
15	BE15	0.35 V	Left front door lock state switch
16	BE16	0.35 BR	Right front door lock state switch
17	BE17	0.35 Br	Left rear door lock state switch
18	BE18	0.35 GrR	Right rear door lock state switch
19	BE19	0.35 GrR	Engine room contact switch
20	BE20	0.35 BrY	Back-up door lock state switch
21	BE21	0.35 GB	Collision signal input
22	BE22	0.35 WL	Wiper washing switch (Rear wiper 1)
23	BE23	0.35 YB	Wiper washing switch (Rear wiper 2)
24	BE24	0.35 GW	Front wiper motor stop position
25	-	-	Unused
26	BE26	0.35 GrG	Wiper washing switch (front washing)
27	BE27	0.35 GY	Mechanical keys left front door unlocked switch
28	-	-	Unused
29	BE29	0.5 B	Signal
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused

Airbag controller (IP44)



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ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	Q01	0.35 OG	Passenger airbag +
2	Q02	0.35 BY	Passenger airbag
3	Q03	0.35 Lg	Driver side airbag
4	Q04	0.35 WL	Driver side airbag +
5	Q05	0.75 Y	ON gear power supply
6	G1018	0.5 RB	Grounding
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	Q10	0.35 WR	Driver airbag +
11	Q11	0.35 YR	Driver airbag
12	-	-	Unused
13	Q13	0.35 Y	Driver seat belt pre-tensioner+
14	Q14	0.35 YB	Driver seat belt pre-tensioner

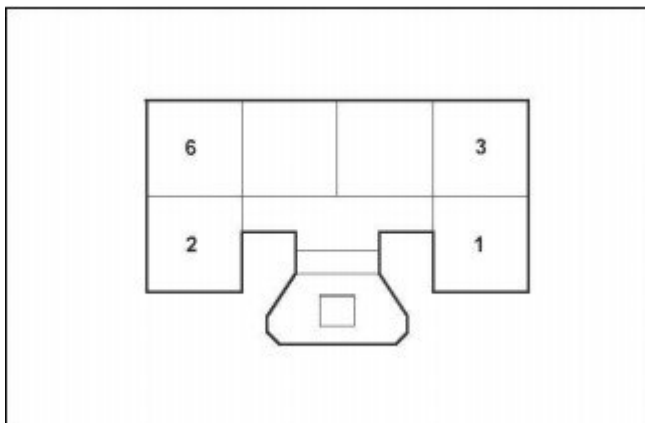
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	-	-	Unused
16	Q16	0.35 LR	Passenger seat belt pre-tensioner
17	Q17	0.35 GY	Passenger seat belt pre-tensioner+
18	Q18	0.35 RB	Passenger airbag +
19	Q19	0.35 YB	Passenger airbag
20	-	-	Unused
21	BE21	0.35 GB	Collision signal (to BCM)
22	Q22	0.35 GW	Lift side air curtain+
23	Q23	0.35 GO	Lift side air curtain
24	Q24	0.35 WB	Right side air curtain
25	Q25	0.35 GR	Right side air curtain+
26	Q26	0.35 Br	Left side collision sensor +
27	Q27	0.35 BrB	Left side collision sensor
28	Q28	0.35 OG	Right side collision sensor
29	Q29	0.35 O	Right side collision sensor +
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	Q33	0.35 L	CAN_L
34	Q34	0.35 G	CAN_H
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	-	-	Unused
39	-	-	Unused
40	-	-	Unused
41	-	-	Unused
42	-	-	Unused

Arrangement of harness and plug instructions

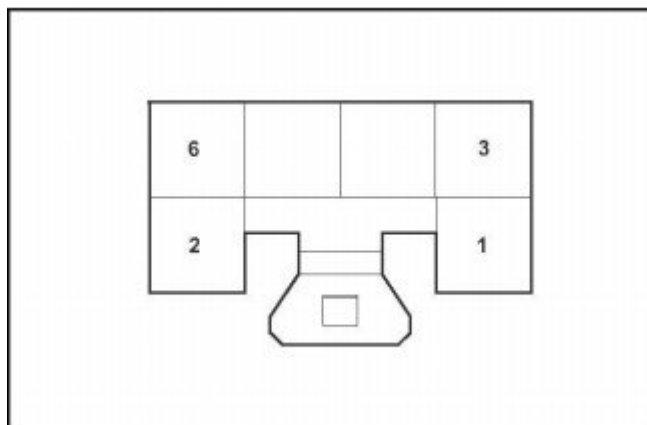
Terminals no.	Wire size	Wire diameter / color	Function
43	-	-	Unused
44	-	-	Unused
45	-	-	Unused
46	-	-	Unused
47	-	-	Unused
48	-	-	Unused
49	-	-	Unused
50	-	-	Unused

Backlight regulating switch (IP07)



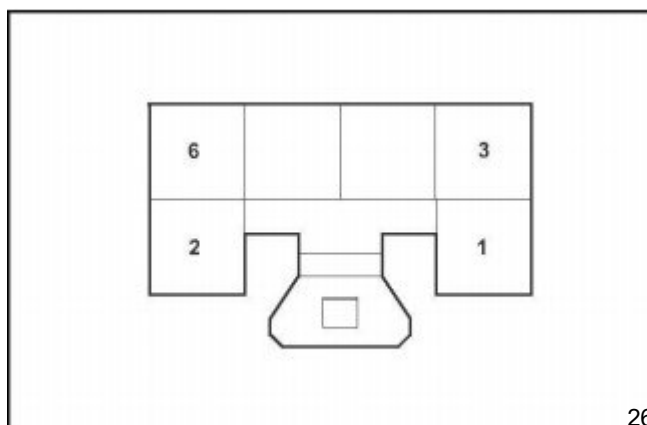
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	G1027D	0.5 B	Grounding
5	BC07	0.5 WY	Regulating switch control (to BCM)
6	58B	0.5 L	Backlight power supply output

ESC Switch (IP06)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58J	0.5 L	Backlight power supply
4	G1027	0.5 B	Switch power supply
5	G1027A	0.5 B	Grounding
6	A12	0.5 R	ESC switch signal

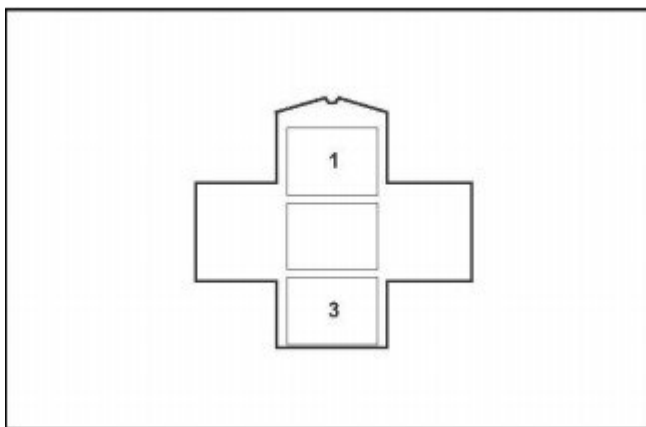
Rearview mirror foldedSwitch (IP08)



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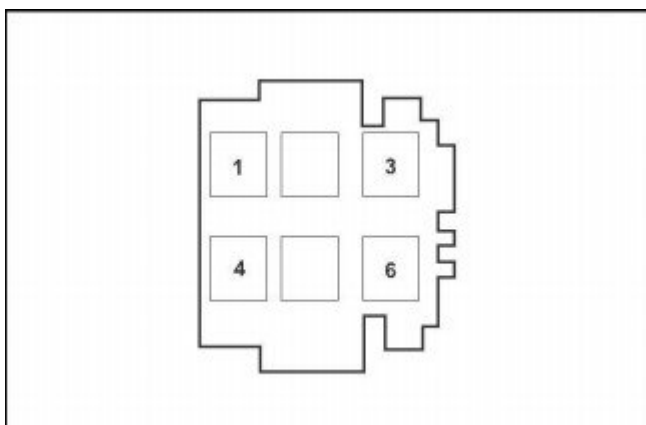
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58M	0.5 L	Backlight power supply
4	G1027Q	0.5 B	Grounding
5	G1027N	0.5 B	Grounding
6	BD01	0.35 Br	Rearview mirror folded switch control signal

Cigar lighter ZOTYE T600 (IP42)

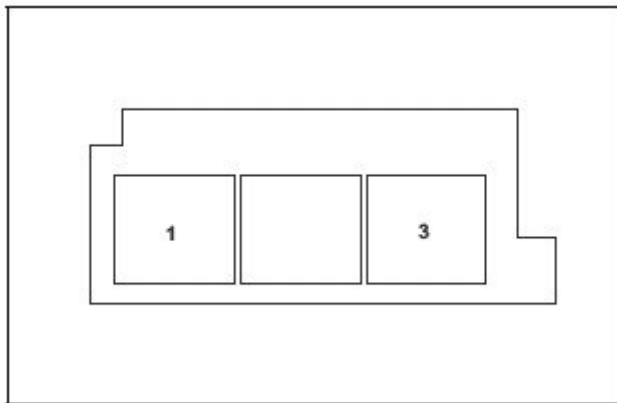


Terminals no.	Wire size	Wire diameter / color	Function
1	G1016F	1.5 B	Grounding
2	N09	1.5 GrR	ACC power supply
3	-	-	Unused

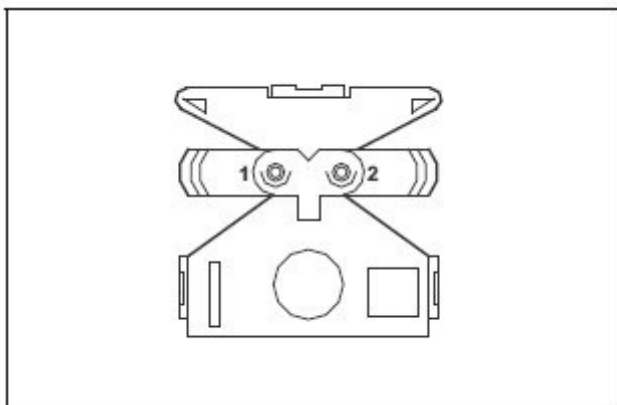
Electrical steering column lock (IP11)



Terminals no.	Wire size	Wire diameter / color	Function
1	BA06	0.5 GBr	Steering column lock+
2	PB08	0.5 GrB	Steering column lock
3	EB26B	0.35 R	Steering column lock power supply
4	PA10	0.35 GO	Steering column lock signal
5	PA23	0.35 WL	Steering column lock signal
6	G1015G	0.5 B	Grounding

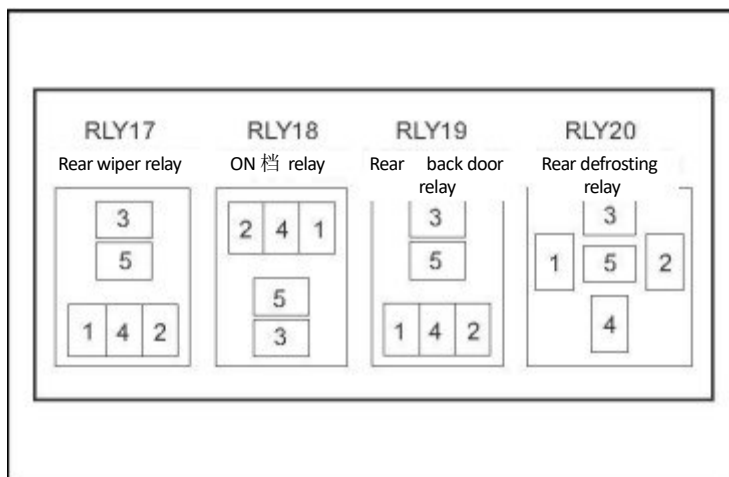
Immobilizer controller (IP41)


Terminals no.	Wire size	Wire diameter / color	Function
1	BT20	0.35 RY	Battery power supply
2	PA12	0.35 W	Immobilizer signal
3	G1015C	0.35 B	Grounding

Passenger airbag (IP30)


Terminals no.	Wire size	Wire diameter / color	Function
1	Q19	0.35 YB	Passenger airbag
2	Q18	0.35 RB	Passenger airbag+

Relay socket (IP16)

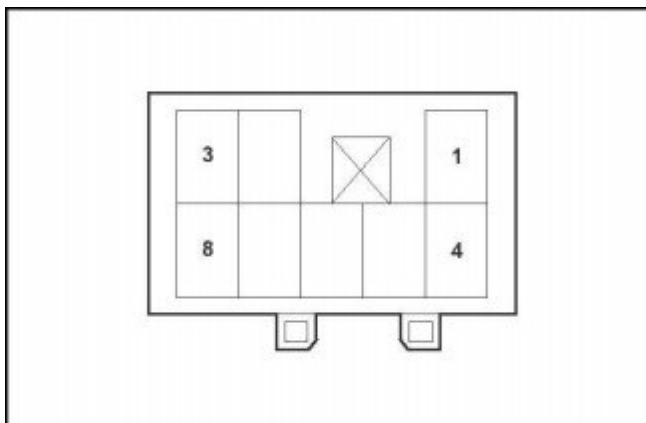


Terminals no.	Wire size	Wire diameter / color	Function
Rear wiper relay			
1 (85)	JD014B	0.5 GW	Battery power supply through fuse FB28
2 (86)	BD22	0.5 WY	Rear wiper control
3 (30)	JD05	0.75 Br	Rear wiper motor+
4	G1027P	0.5 B	Grounding
5 (87)	JD014A	0.75 WY	Battery power supply through fuse FB28
IG1 relay			
1 (86)	PB05	0.35 GW	IGN control (PEPS controller)
2 (85)	G1027G	0.5 B	Grounding
3 (30)	BT05	2.5 R	Battery power supply through fuse SB05
4	-	-	Unused
5 (87)	IG01	2.5 R	IGN power supply
Rear back door relay			
1 (86)	JD03B	0.5 WY	Battery power supply through fuse IF01
2 (85)	BA05	0.5 G	Back door unlock control
3 (30)	JD04	0.75 L	Back door unlock motor+
4	G1027R	0.5 B	grounding
5 (87)	JD03A	1.5 WY	Battery power supply through fuse IF01
Rear defrosting relay			

Arrangement of harness and plug instructions

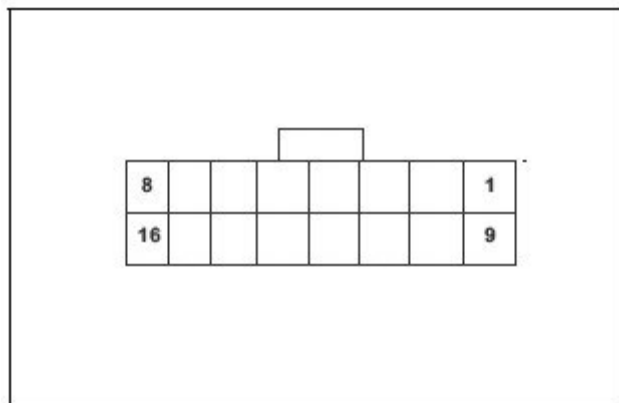
1 (85)	JD016B	0.5 RB	Battery power supply through fuse FB27
2 (86)	K10	0.5 LR	Rear defrost control
3 (30)	N10	2.5 RW	Electric rearview mirror and rear glass defroster+
4 (87)	JD016A	2.5 RB	Battery power supply through fuse FB27
5	-	-	Unused

Connect Roof harness (IP04)



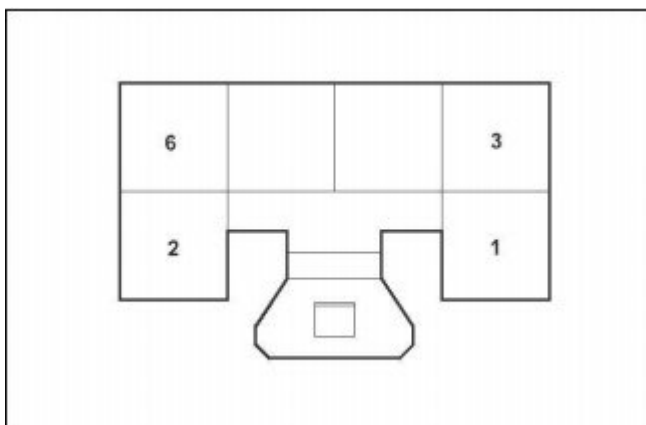
Terminals no.	Wire size	Wire diameter / color	Function
1	I28	0.35 BW	Speed signal (to skylight)
2	BT15	2.5 R	Skylight controller battery power supply
3	IP25	0.5 RB	Power supply of ON gear of skylight controller and rain sensor
4	-	-	Unused
5	AC04	0.5 LG	Electronic anti-dazzle rearview mirror ACC power supply
6	BD31	0.35 Br	Rain sensor signal
7	BA01A	0.5 GO	Dome lamp power supply
8	BC12A	0.5 W	Battery power saving output

Clock spring (IP14)



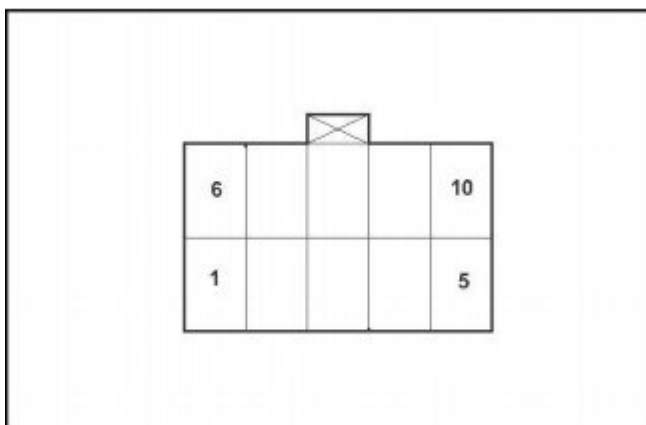
Terminals no.	Wire size	Wire diameter / color	Function
1	Q11	0.35 YR	Driver airbag
2	-	-	Unused
3	-	-	Unused
4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	Q10	0.35 WR	Driver airbag +
10	G1015F	0.35 B	Multifunction steering wheel switch panel backlight grounding
11	RA01	0.35 G	Steering wheel remote control (to head unit)
12	RA02	0.5 W	Steering wheel remote control (to head unit)
13	58I	0.35 L	Multifunction steering wheel switch panel backlight power supply
14	BD05	0.35 Y	Horn switch signal
15	-	-	Unused
16	-	-	Unused

Hazard warning lamp switch (IP28)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58A	0.5 L	Switch backlight power supply
4	G1015	0.5 B	Backlight grounding
5	G1015A	0.5 B	Switch
6	BE13	0.5 OG	Switch signal (to BCM)

Button start switch (IP13)

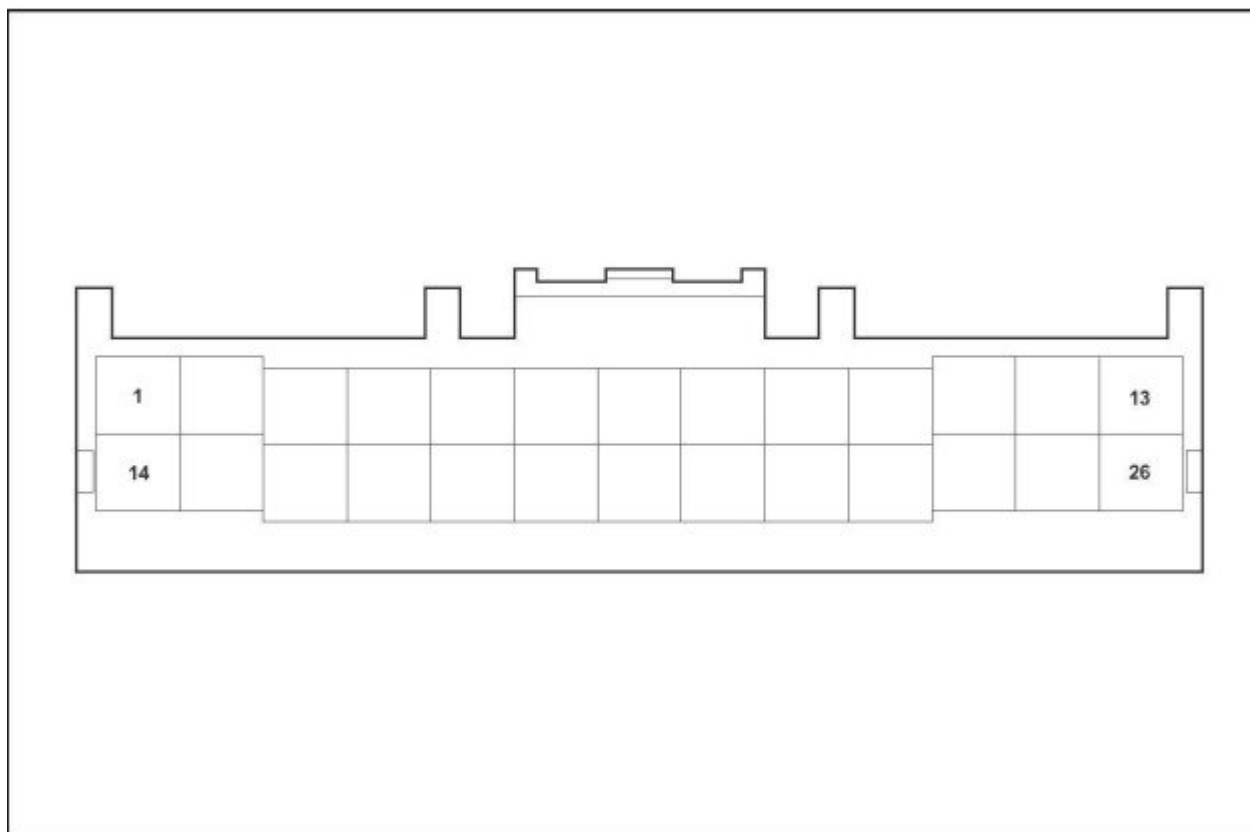


Terminals no.	Wire size	Wire diameter / color	Function
1	58D	0.5 L	Button start switch backlight electric
2	PB10	0.35 P	Gear shifting switch signal electric
3	PB01	0.35 Y	Start indicator lamp power supply
4	PB11	0.35 O	Start indicator lamp control

Arrangement of harness and plug instructions

5	PB13	0.35 B	Gear shifting switch signal input
6	PB02	0.35 G	Gear shifting switch signal electric
7	PB14	0.35 B	ON, ACC gear indicator lamp control
8	G1015E	0.5 B	Button start switch
9	-	-	Unused
10	-	-	Unused

Keyless start module plug A (IP32)

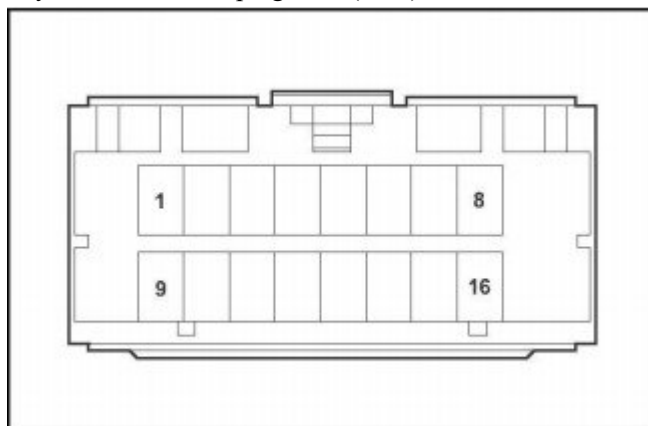


Terminals no.	Wire size	Wire diameter / color	Function
1	PA01	1.5 R	PEPS power supply
2	PA02	0.5 R	PEPS power supply
3	M74A	0.35 YG	Clutch switch signal input
4	PA04	0.35 GB	Left side door knob switch signal
5	-	-	Unused
6	-	-	Unused
7	PA07	0.5 YB	Brake switch normally open signal
8	PA08	0.35 R	ST gear electric feedback signal
9	PA09	0.35 GY	ACC gear feedback signal
10	PA10	0.35 GO	Steering column lock signal
11	-	-	Unused
12	PA12	0.35 W	Immobilizer signal
13	-	-	Unused
14	G1016B	0.5 B	Grounding

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	G1016C	0.5 B	Grounding
16	-	-	Unused
17	PA17	0.35 G	Right side door knob switch signal
18	-	-	Unused
19	-	-	Unused
20	PA20	0.35 RL	Brake switch normally closed signal
21	PA21	0.35 BrW	ON gear feedback signal
22	-	-	Unused
23	PA23	0.35 WL	Steering column lock signal
24	-	-	Unused
25	-	-	Unused
26	-	-	Unused

Keyless start module plug B (IP33)

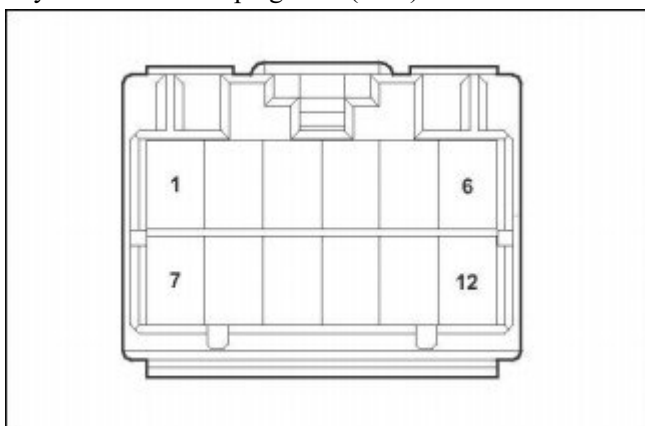


Terminals no.	Wire size	Wire diameter / color	Function
1	PB01	0.35 Y	Start indicator lamp power supply
2	PB02	0.35 G	Gear shifting switch signal electric
3	PB03	0.35 RW	Start relay control line
4	-	-	Unused
5	PB05	0.35 GW	ON gear relay control line
6	PB06	0.5 GR	ACC gear relay controller

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
7	PB07	0.35 G	CAN_H
8	PB08	0.5 GrB	Steering column lock
9	-	-	Unused
10	PB10	0.35 P	Gear shifting switch signal electric
11	PB11	0.35 O	Start indicator lamp grounding
12	-	-	Unused
13	PB13	0.35 B	Gear shifting switch signal input
14	PB14	0.35 B	ON, ACC gear indicator grounding
15	PB15	0.35 L	CAN_L
16	-	-	Unused

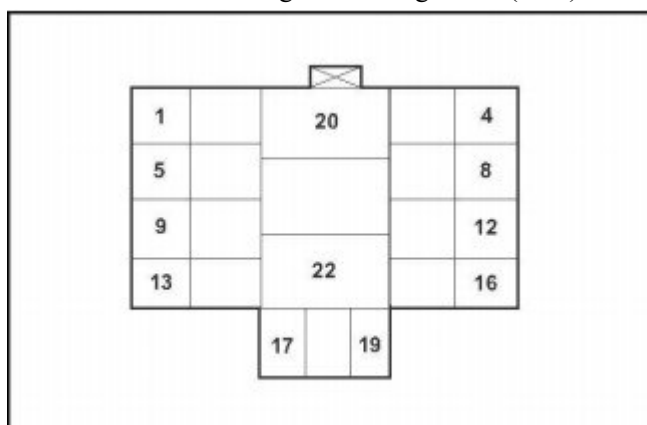
Keyless start module plug C (IP34)



Terminals no.	Wire size	Wire diameter / color	Function
1	PC01	0.35 PB	Left front door knob antenna inductance signal
2	PC02	0.35 YB	Front row antenna capacity end
3	PC03	0.35 WG	Right front door knob antenna inductance signal
4	PC04	0.35 WB	Rear row antenna capacity end
5	-	-	Unused
6	-	-	Unused
7	PC07	0.35 P	Left front door knob antenna capacity signal
8	PC08	0.35 WR	Front row antenna inductance end

9	PC09	0.35 LR	Right front door knob antenna capacity signal
10	PC10	0.35 V	Rear row antenna inductance end
11	-	-	Unused
12	-	-	Unused

Connect Front door wiring harness-Right1 (IP31)

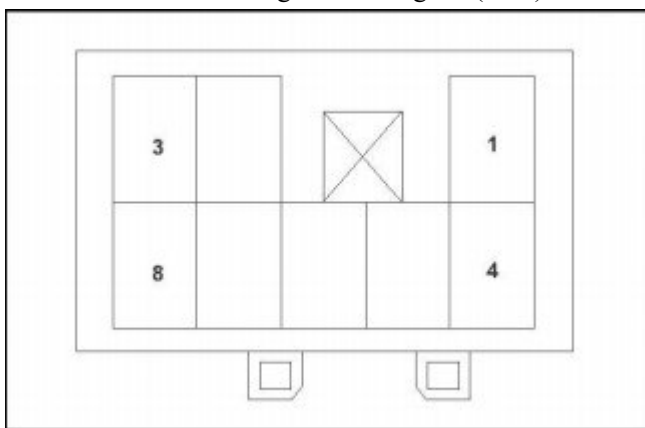


Terminals no.	Wire size	Wire diameter / color	Function
1	N14	0.35 Lg	Right rearview mirror defroster power supply
2	BC01C	0.5 LY	Right side steering lamp+
3	BA04B	0.5 RB	Right front door warning lamp control
4	BE16	0.35 BR	Right front door lock state switch signal
5	N04	0.35 RY	Right rearview mirror motor turning left and right+
6	N05	0.35 PW	Right rearview mirror motor turning up and down+
7	BB02B	0.75 WB	Right front lock motor unlocked+
8	BB01C	0.75 YB	Right front lock motor locked+
9	PA17	0.5 G	Right front door knob request switch signal
10	N02	0.35 OG	grounding
11	BD09	0.35 Gr	Right front door window lifting switch signal
12	RB03	0.5 BrR	Right front door loudspeaker+
13	PC09	0.35 LR	Right front door knob antenna capacity signal
14	PC03	0.35 WG	Right front door knob antenna inductance signal
15	58E	0.5 L	Right front door window lifting switch backlight power supply

Arrangement of harness and plug instructions

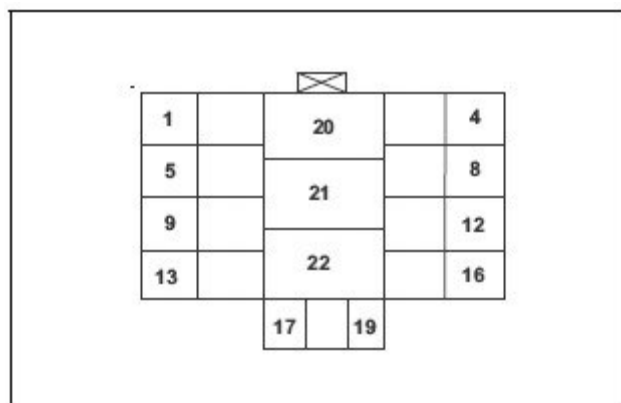
16	RB04	0.5 YW	Right front door loudspeaker
17	JD06B	0.75 GrW	Right rearview mirror motor folded+
18	JD07B	0.75 V	Right rearview mirror motor open+
19	BE29D	0.35 B	Right front door window lifting switch grounding
20	BA09	1.5 OB	Right front glass lifting motor falls
21	BA10	1.5 YB	Right front glass lifting motor rises
22	BC12H	0.5 GL	Right front door warning lamp+

Connect Front door wiring harness-Right 2 (IP31)



Terminals no.	Wire size	Wire diameter / color	Function
1	QJ16	0.35 GrW	Right camera power supply +
2	QJ17	0.35 YW	Right camera video signal
3	QJ36	0.35 V	Right camera power supply
4	QJ37	0.35 Y	Right camera video signal+
5	-	-	Unused
6	-	-	Unused
7	BA01B	0.5 GO	Lighting lamp grounding
8	-	-	Unused

Connect Front door wiring harness-Left plug A (IP01)

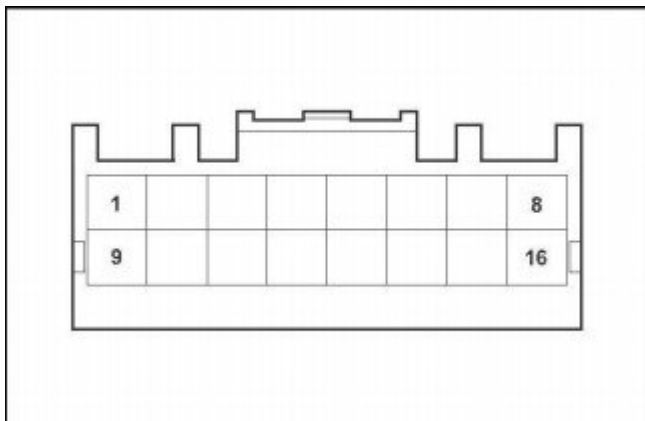


Terminals no.	Wire size	Wire diameter / color	Function
1	N15	0.35 R	Left rearview mirror defroster power supply
2	BC02C	0.5 LW	Left side steering lamp+
3	BA04A	0.5 RB	Left front door warning lamp control
4	BE15	0.35 V	Left front door lock state switch locked signal
5	N04	0.35 RY	Left rearview mirror motor turning left and right+
6	N05	0.35 PW	Left rearview mirror motor turning up and down+
7	BB02A	0.75 WB	Left front door lock motor unlocked+
8	BB01B	0.75 YB	Left front door lock motor locked+
9	PA04	0.35 GB	Left front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BE27	0.35 GY	Left front door lock state switch unlocked signal
12	RB05	0.5 BrY	Left front loudspeaker+
13	PC01	0.35 PB	Left front door knob antenna inductance signal
14	PC07	0.35 P	Left front door knob antenna capacity signal
15	58C	0.5 L	Left front door power window switch backlight power supply
16	RB06	0.5 LY	Left front loudspeaker
17	JD06A	0.75 GrW	Left Rearview mirror motor folded+
18	JD07A	0.75 V	Left Rearview mirror motor open+
19	AC02	0.35 GB	Left front power mirror switch ACC gear power supply
20	BA11	1.5 GR	Left front glass lifting motor falls+

Arrangement of harness and plug instructions

21	BA12	1.5 GB	Left front glass lifting motor rises+
22	BC12G	0.5 GL	Left front door warning lamp+

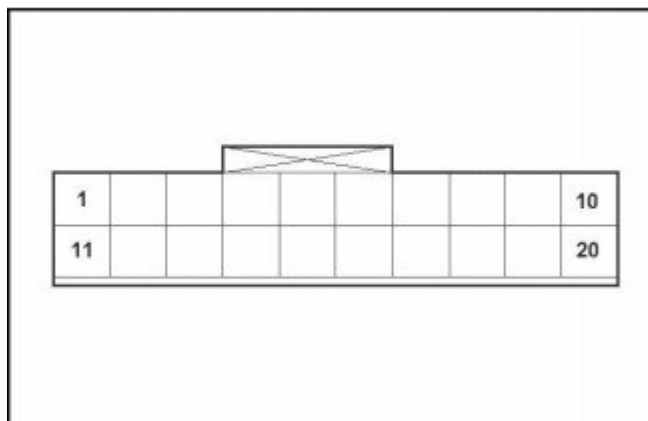
Connect Front door wiring harness-Left plug **B (IP02)**



Terminals no.	Wire size	Wire diameter / color	Function
1	BE14	0.35 RY	Center control child lock switch signal
2	BD12	0.35 YB	Left front door power window switch right front glass lifting signal
3	BD11	0.35 WY	Left front door power window switch right rear glass lifting signal
4	BD06	0.35 LY	Center control lock switch signal
5	BE29C	0.35 B	Left front power window switch/ center control lock switch grounding
6	BD13	0.35 BrR	Left front door power window switch left front glass lifting signal
7	BD10	0.35 GB	Left front door power window switch left rear glass lifting signal
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused

16	-	-	Unused
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Instrument Electrical box A (IP17)

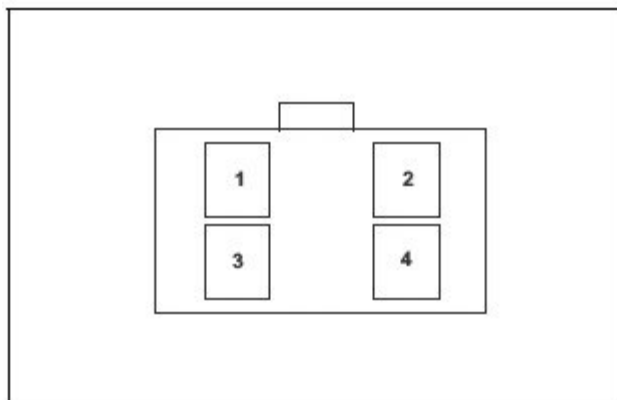


Terminals no.	Wire size	Wire diameter / color	Function
1	EB11	0.5 RY	Ignition switch
2	IG03	1.5 RY	Power supply through ON gear of fuse IF04 (to engine room electrical box)
3	-	-	Unused
4	IP05	0.5 Br	Power supply through ON gear of fuse IF03 (to controller)
5	BE03	0.5 Br	Power supply through ON gear of fuse IF03 (to BCM and rain sensor)
6	RC07	0.35 RB	Power supply through ON gear of fuse IF03 (to camera)
7	-	-	Unused
8	IP25	0.5 RB	Power supply through ON gear of fuse IF03 (to skylight controller)
9	BT15	2.5 R	Battery power supply through fuse IF01 (to skylight controller)
10	JD03	1.5 WY	Battery power supply through fuse IF01 (to rear door lock relay)
11	-	-	Unused
12	BC09	1.5 RY	Battery power supply through fuse IF08 (to BCM)
13	LA01	0.5 R	Power supply through ON gear of fuse IF09 (to reversing radar controller and EPB)
14	I13	0.5 Br	Power supply through ON gear of fuse IF09 (to Instrument)
15	-	-	Unused
16	BT16	0.75 Y	Battery power supply through fuse IF06 (to head unit)
17	I11A	0.5 LR	Battery power supply through fuse IF07 (to instrument and PEPS)

Arrangement of harness and plug instructions

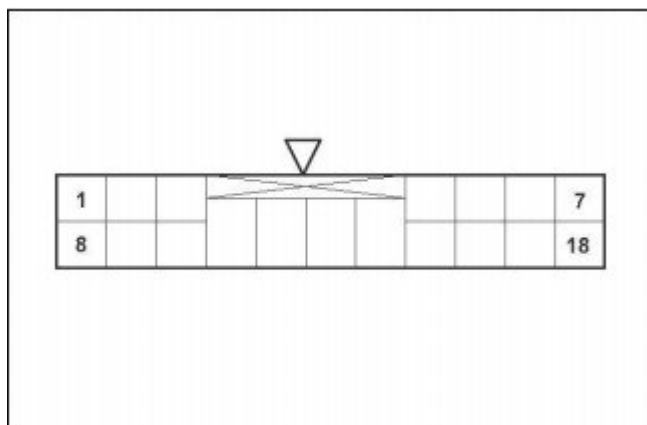
			controller)
18	IP06	0.5 RY	Power supply through ON gear of fuse IF02 (to gateway and tire pressure monitoring controller)
19	AL01	0.5 R	Sensor power supply
20	MC02	0.5 RY	Battery power supply

Instrument Electrical boxB (IP18)



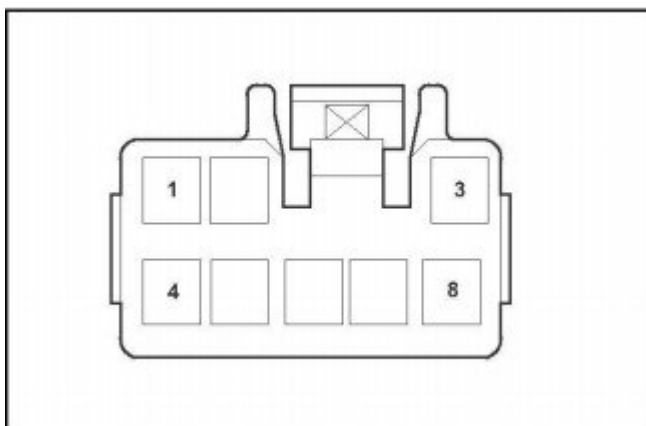
Terminals no.	Wire size	Wire diameter / color	Function
1	IG01B	1.5 R	IGN2 power supply
2	IG01A	2.5 R	IGN1 power supply
3	PA01	1.5 R	Battery power supply through fuse IF14 (to PEPS controller)
4	PB06	0.5 GR	ACC relay control

Instrument Electrical box C (IP19)



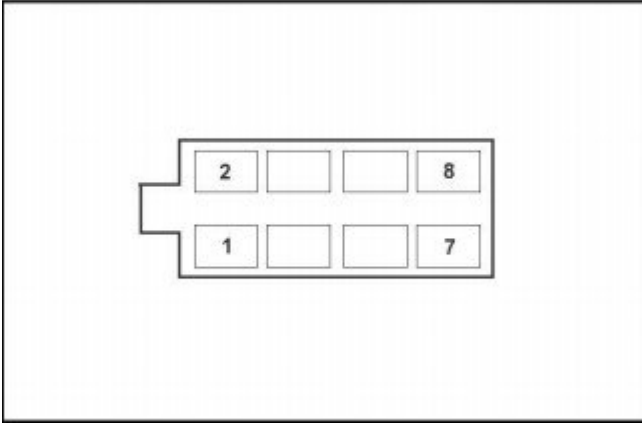
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC10A	1.5 RL	Battery power supply through fuse IF12 (to BCM and PEPS controller)
3	-	-	Unused
4	-	-	Unused
5	BT12	0.35 RY	Battery power supply through fuse IF15 (to diagnosis connector, brake switch and gateway)
6	BT20	0.35 RY	Battery power supply through fuse IF15 (to immobilizer controller)
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	BB07	2.5 RW	Battery power supply through fuse IF11 (to BCM)
12	BB06	2.5 RY	Battery power supply through fuse IF19 (to BCM)
13	BC06	2.5 RG	Battery power supply through fuse IF20 (to BCM)
14	BB08	2.5 RB	Battery power supply through fuse IF13 (to BCM)
15	G1027M	0.35 B	ACC relay grounding
16	IP16	0.5 LR	Battery power supply through fuse IF15 (to button start switch and brake switch)
17	EB26A	0.5 R	Control circuit power supply
18	Q05	0.5 Y	Power supply through ON gear of fuse F10 (to airbag controller)

Instrument Electrical box E (IP05)

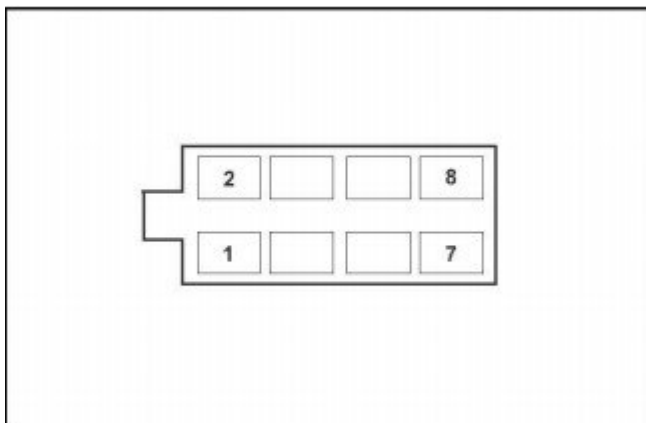


Terminals no.	Wire size	Wire diameter / color	Function
1	N09	1.5 GrR	Power supply through ACC gear of fuse IF16 (to cigar lighter)
2	PA09	0.35 GY	Power supply through ACC gear of fuse IF16 (to PEPS controller)
3	RA07	0.5 V	Power supply through ACC gear of fuse IF17 (to Head unit)
4	-	-	Unused
5	BE01	0.35 GO	Power supply through ACC gear of fuse IF17 (to BCM)
6	AC02	0.35 GB	Power supply through ACC gear of fuse IF17 (to power mirror Switch)
7	AC04	0.5 LG	Power supply through ACC gear of fuse IF17 (to Electronic anti-dazzle Rearview mirror)
8	AC03	0.35 V	Power supply through ACC gear of fuse IF16 (to vacuum pump relay/ air blower relay/headlamp cleaning relay)

Head unit plug A (IP45)

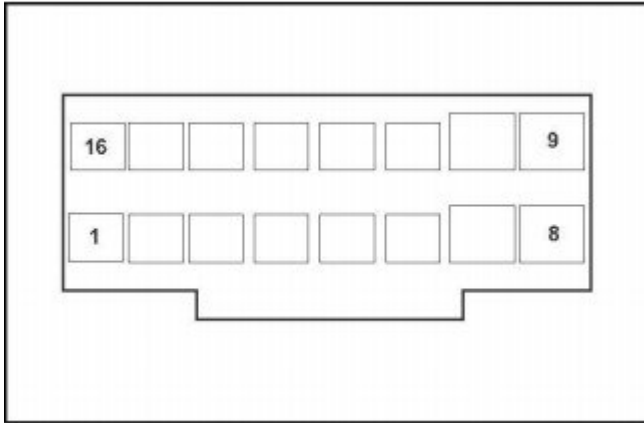


Terminals no.	Wire size	Wire diameter / color	Function
1	RA01	0.35 G	Steering wheel remote control (SWRC+)
2	RA02	0.35 W	Steering wheel remote control (SWRC-)
3	-	-	Unused
4	BT16	0.75 Y	Memory power supply (battery normally power supply)
5	RA05	0.35 RG	Automatic antenna
6	RA06	0.35 L	Backlight power supply
7	RA07	0.5 V	ACC power supply
8	G1016A	0.75 B	Grounding

Head unit plug **B** (IP27)

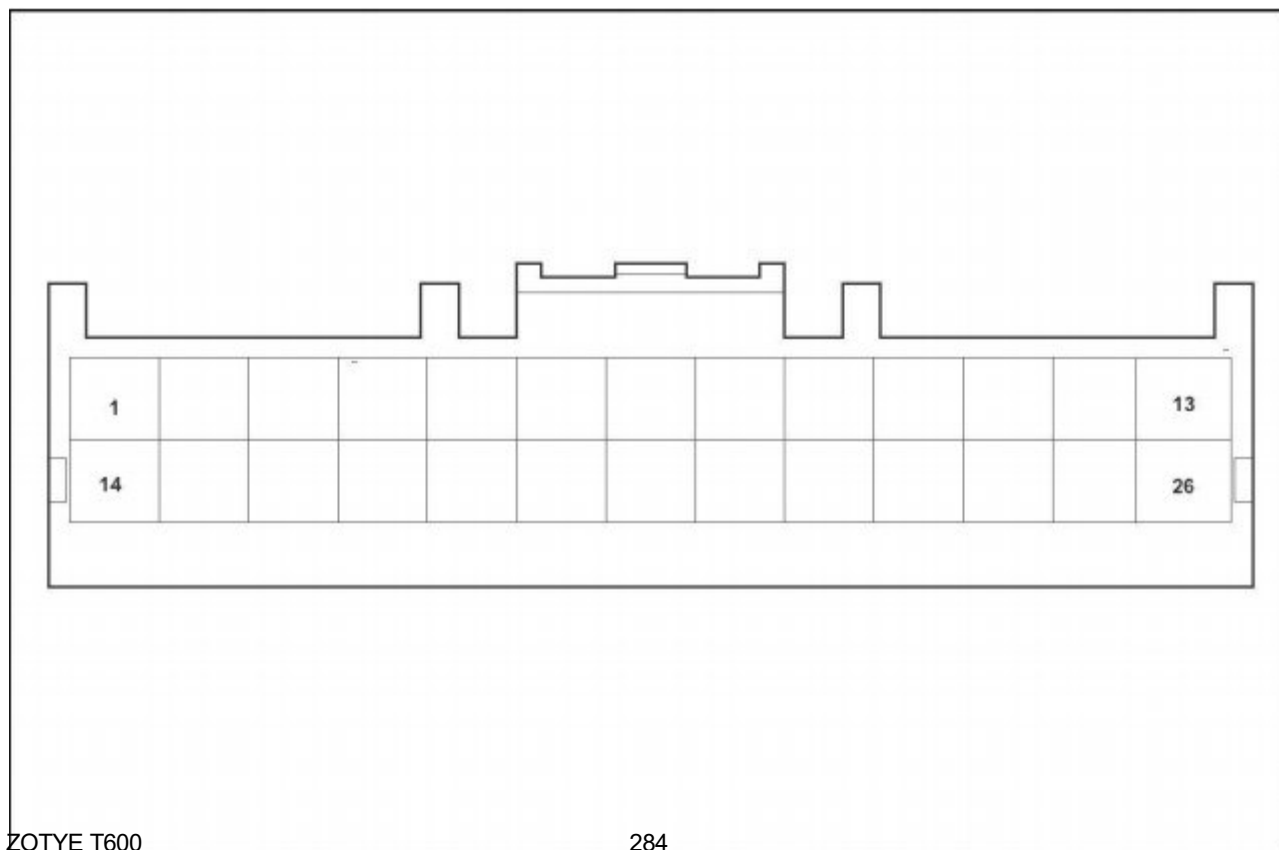
Terminals no.	Wire size	Wire diameter / color	Function
1	RB01	0.5 BrW	Right rear loudspeaker+
2	RB02	0.5 LW	Right rear loudspeaker
3	RB03	0.5 BrR	Right front loudspeaker+
4	RB04	0.5 YW	Right front loudspeaker
5	RB05	0.5 BrY	Left front loudspeaker+
6	RB06	0.5 LY	Left front loudspeaker
7	RB07	0.5 BrB	Left rear loudspeaker+
8	RB08	0.5 LB	Left rear loudspeaker

Head unitC (IP39)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	RC03	0.5 G	CAN_H
4	RC04	0.5 L	CAN_L
5	RC05	0.5 R	Camera video+
6	RC06	0.5 W	Camera video
7	-	-	Unused
8	RC08	0.35 WB	Camera grounding
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Connect Floor harness plug A (IP03)



ZOTYE T600

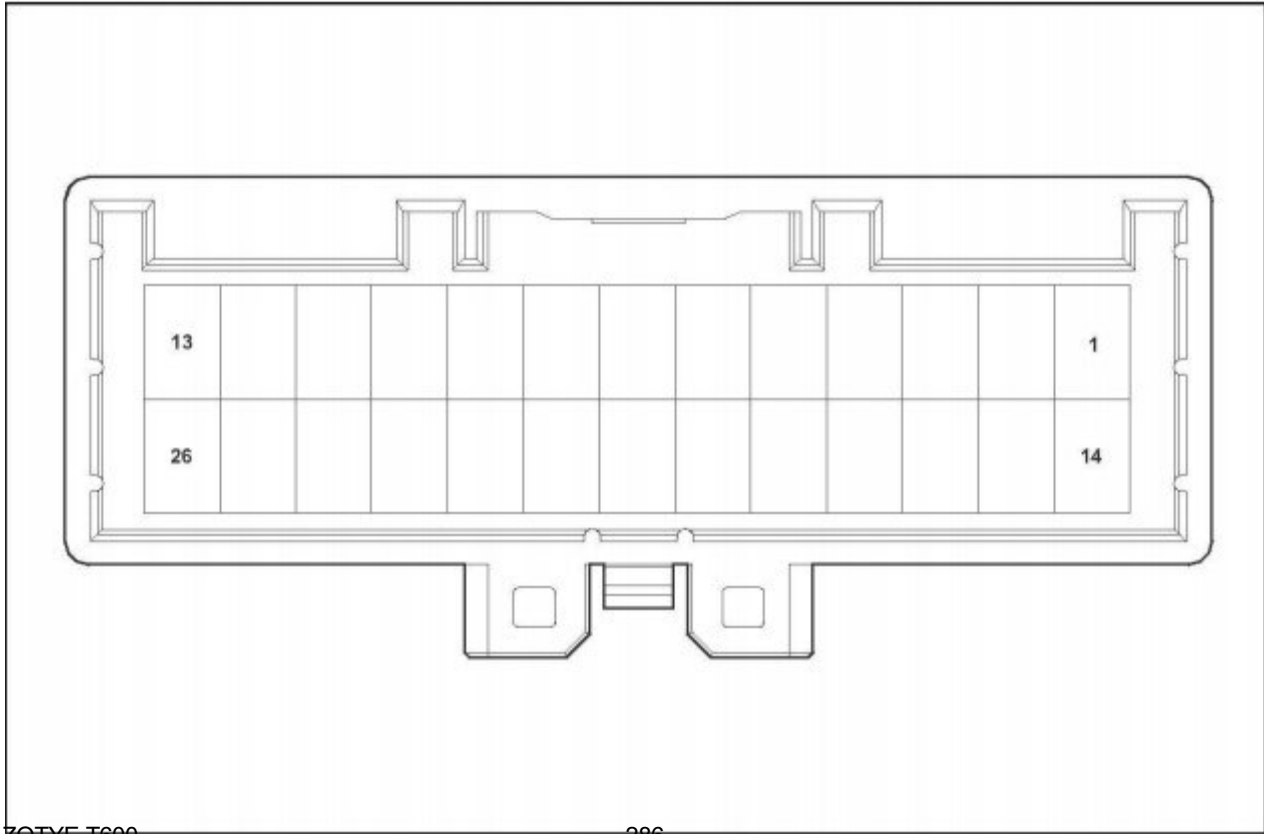
284

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01A	0.75 YB	Door lock motor interlocks+
2	I18A	0.5 YW	Parking brake switch signal
3	BE29F	0.35 BW	BCM signal
4	IP06B	0.5 RY	tire pressure monitoring ON gear power supply
5	AL01	0.5 R	Rear vehicle height sensor ON power supply
6	BC02B	0.5 LW	Left steering lamp power supply
7	BA02	0.5 GrR	Trunk lamp power supply
8	BB02D	0.75 WB	Door lock motor unlocked +
9	I19	0.35 GR	Driver safety belt switch signal
10	I21	0.35 WB	Fuel pump oil level signal
11	I05	0.5 G	Oil level sensor
12	BC03B	0.5 GB	Clearance lamp+
13	BE17	0.35 Br	Left rear door lock state switch
14	BD07	0.35 YB	Left rear door power window switch

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	RB07	0.5 BrB	Left rear loudspeaker+
16	RB08	0.5 LB	Left rear loudspeaker
17	BA08	1.5 RY	Left rear window motor rises+
18	BA07	1.5 RW	Left rear window motor falls+
19	58F	0.5 L	Left rear door power window switch backlight power supply
20	BC12F	0.35 GL	Battery power saving output
21	BE20	0.35 BrY	Back-up door lock state switch
22	JD05	0.75 Br	Rear wiper power supply
23	BD18	0.75 GrB	Rear wiper stop signal
24	BC04	0.5 YB	Brake lamp+
25	JD04	0.75 W	Back door unlock motor+
26	BE04	0.35 BrW	Back-up door open switch signal

Connect Floor harness plug E (IP37)



ZOTYE T600

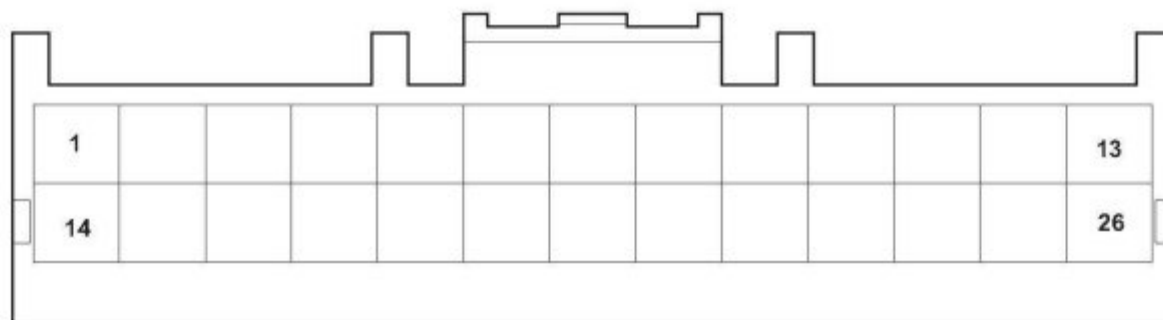
286

Terminals no.	Wire size	Wire diameter / color	Function
1	LA09	0.35 RB	Front radar switch indicator lamp signal
2	-	-	Unused
3	-	-	Unused
4	LA11	0.5 RY	Front radar switch signal
5	-	-	Unused
6	JR16	0.35 W	Passenger heating control signal
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	-	-	Unused
21	JR05	0.35 RG	System power supply IGN
22	JR06	0.35 W	Driver heating control signal
23	-	-	Unused
24	-	-	Unused
25	EB11	0.5 RY	Ignition switch
26	EB26	0.5 R	Control circuit power supply

Connect Floor harness plug C (IP38)



ZOTYE T600

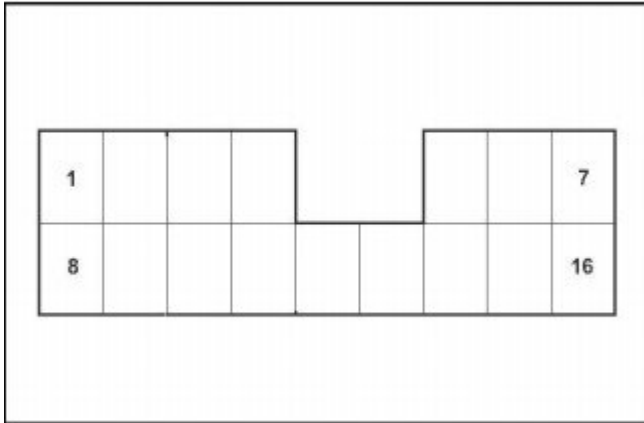
288

Terminals no.	Wire size	Wire diameter / color	Function
1	BD08	0.35 GL	Right rear door power window switch signal
2	RB01	0.5 BrW	Right rear loudspeaker+
3	RB02	0.5 LW	Right rear loudspeaker
4	I07	0.35 BrG	Passenger gravity sensor signal
5	R01	0.5 G	Camera CAN_H
6	R02	0.5 L	Camera CAN_L
7	RC05	0.5 WR	Camera video+
8	RC06	0.5 W	Camera video
9	RC07	0.35 RB	Camera ON gear power supply
10	RC08	0.35 WB	Camera
11	RA05	0.35 RG	Antenna
12	BB09	1.5 YG	Right rear glass lifting motor rises+
13	BB10	1.5 Y	Right rear glass lifting motor falls+
14	BC01B	0.5 LY	Right rear steering lamp+

Arrangement of harness and plug instructions

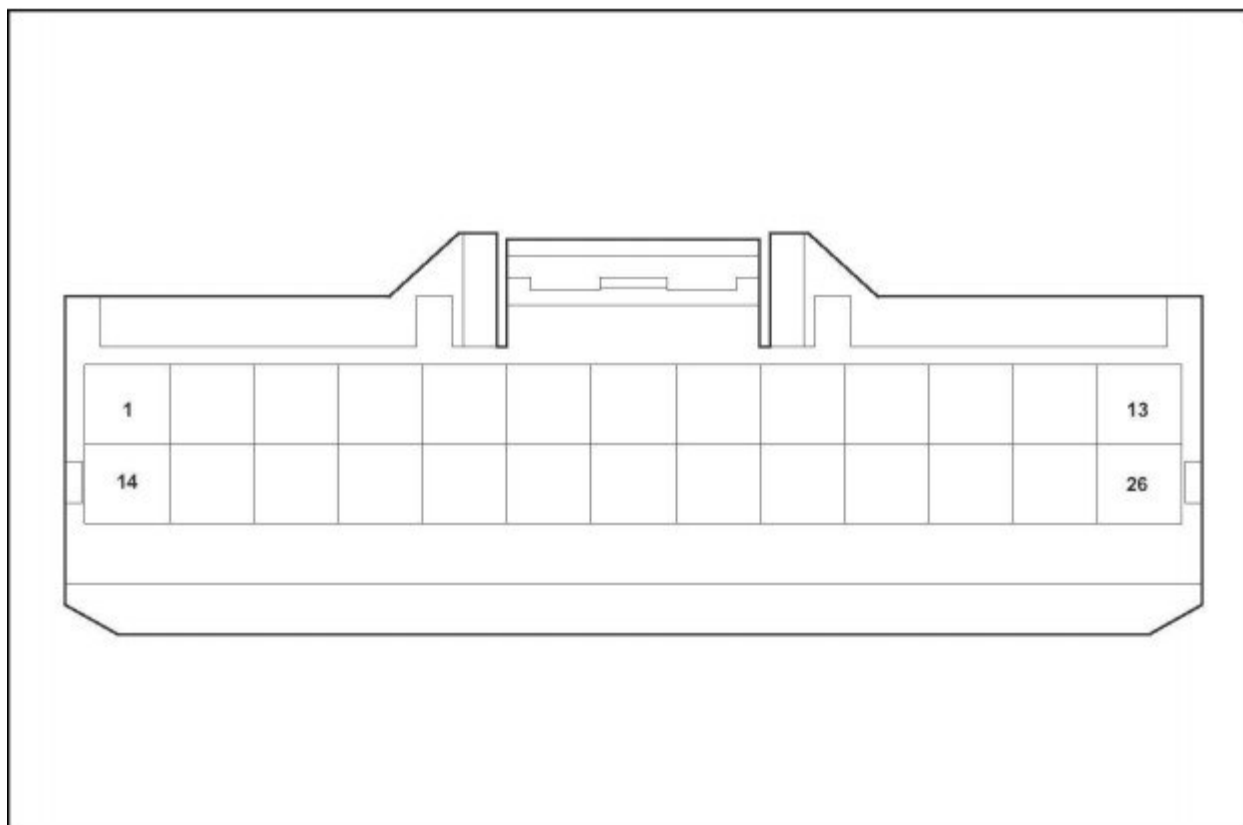
Terminals no.	Wire size	Wire diameter / color	Function
15	PC10	0.35 V	Rear row antenna inductance end
16	PC04	0.35 WB	Rear row antenna capacity end
17	PC08	0.35 WR	Front row antenna inductance end
18	PC02	0.35 YB	Front row antenna capacity end
19	BC08	0.75 LR	Rear fog lamp+
20	I22A	0.5WL	Reverse signal
21	I24	0.35 YB	Reverse clock signal
22	I23	0.35 Y	Reverse alarm signal
23	LA01	0.5 R	Reversing radar controller ON gear power supply
24	BE18	0.35 GR	Right rear door lock state switch signal
25	I08	0.35 BrW	Passenger safety belt switch signal
26	N16	2.5 RW	Antenna amplifier+

Connect Floor harness plug **D** (IP40)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q02	0.35 BY	Passenger airbag
2	Q01	0.35 OG	Passenger airbag+
3	Q16	0.35 LR	Passenger seat belt pre-tensioner
4	Q17	0.35 GY	Passenger seat belt pre-tensioner+
5	Q28	0.35 OG	Right side collision sensor
6	Q23	0.35 GO	Lift side air curtain
7	Q22	0.35 LW	Lift side air curtain+
8	Q04	0.35 WL	Driver side airbag +
9	Q03	0.35 Lg	Driver side airbag
10	Q14	0.35 YB	Driver seat belt pre-tensioner
11	Q13	0.35 Y	Driver seat belt pre-tensioner+
12	Q26	0.35 Br	Left side collision sensor +
13	Q27	0.35 BrB	Left side collision sensor
14	Q29	0.35 O	Right side collision sensor +
15	Q24	0.35 WB	Right side air curtain
16	Q25	0.35 GR	Right side air curtain+

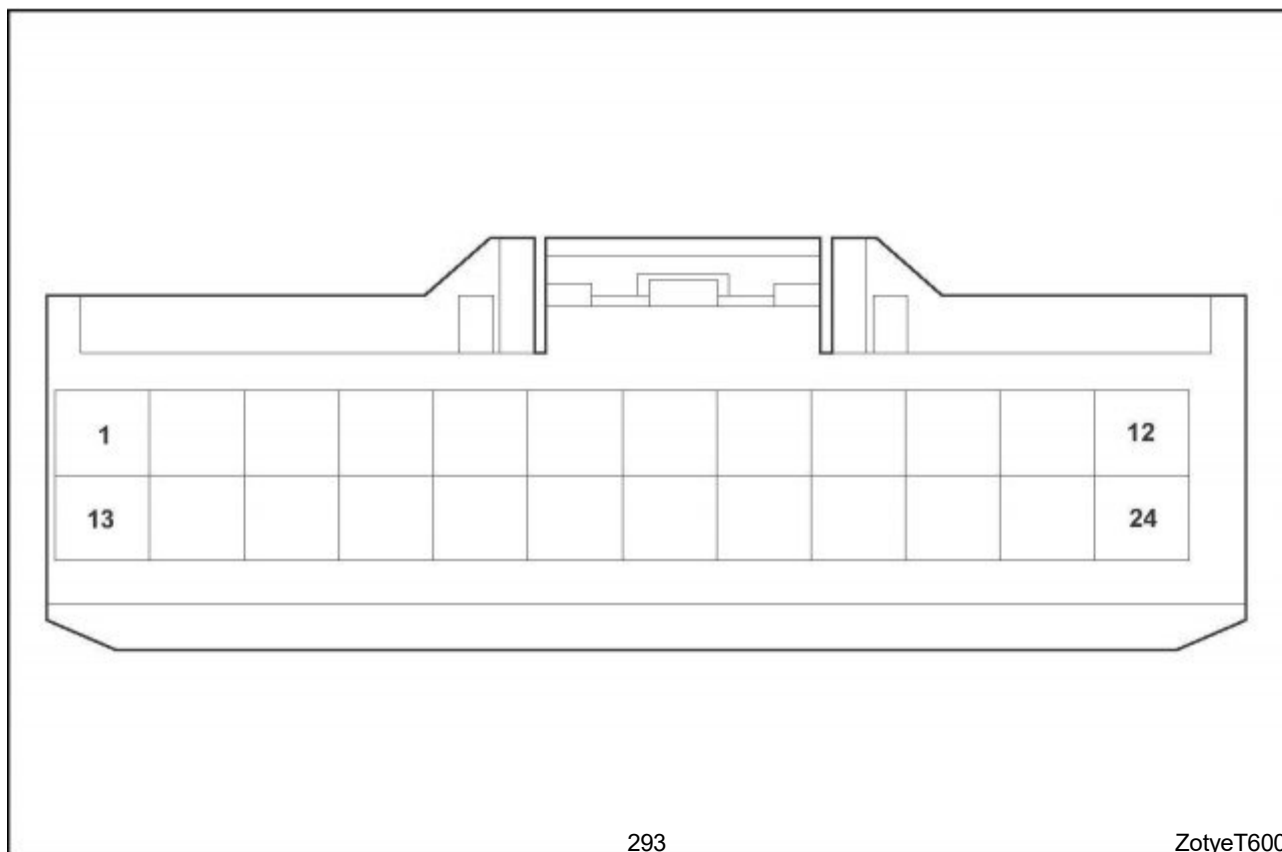
Connect Engine room wiring harness plug A (IP26)



Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor low speed+
2	BB03	1.5 G	Horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control line
5	JD06	0.75 GrW	Rearview mirror motor folded+
6	JD07	0.75 V	Rearview mirror motor open+
7	BT05	2.5 R	Ignition switch battery power supply
8	JD014	0.75 WY	Rear wiper relay battery power supply
9	JD016	2.5 RB	Rear defrosting relay battery power supply
10	BB05	1.5 G	Front wiper motor high speed+
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA07	0.5 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	Unused

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	IG03	1.5 RY	Power supply through ON gear of fuse IF4 (to ABS/ESC controller and air condition pressure switch)
16	M74B	0.35 YG	Clutch switch signal
17	LA10A	0.5 YB	Back-up switch signal
18	PB03	0.5 GrB	Starter relay control line
19	-	-	Unused
20	A28	0.5RY	Rotating angle sensor ON gear power supply
21	IP16	0.5 LR	Brake switch normally closed end battery power supply
22	PA20	0.35 YR	Brake switch normally closed signal
23	I16	0.35 W	Charging indicator
24	I09	0.35 GrB	Engine oil pressure switch signal
25	K09	B 0.35	Outdoor temperature sensor
26	AC26	0.35 G	CAN_H

Connect Engine room wiring harness plug **B** (IP24)

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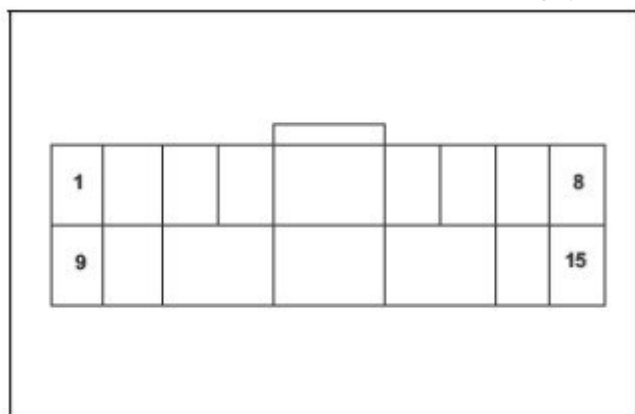
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.5 LO	Electronic rearview mirror open relay control line
2	BD27	0.5 GrG	Electronic rearview mirror folded relay control line
3	MC02	0.5 RY	Battery power supply
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 R	ESC switch signal
7	BC11	0.5 YL	Washmotor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 VW	Front fog lamp relay control line
10	I31	0.35 RB	5V voltage
11	PA08	0.35 GB	Starting current feedback signal
12	BC05	0.5 LY	Washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height sensor ON gear power supply
14	K01	0.35 V	Outdoor temperature sensor +

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	I15	0.35 RW	Signal output
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M17	0.35 V	Engine ECU diagnosis K line
23	BD30	0.5 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Connect **HVAC harness**-automatic air conditioning system (IP49)

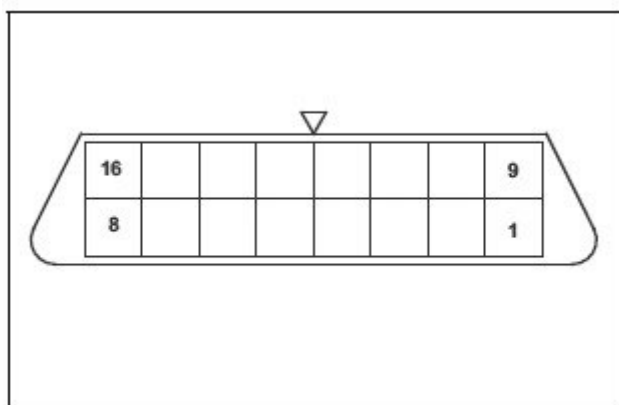


Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Outdoor temperature sensor signal
2	JR06	0.35 W	Driver heating control
3	JR16	0.35 W	Passenger heating control
4	K04	0.5 G	Air blower relay control
5	58H	0.5 L	Air conditioning controller backlight power supply
6	-	-	Unused
7	G1015B	0.5 B	Air conditioning controller grounding
8	K8	0.5 G	CAN_H

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
9	K09	0.35 B	Outdoor temperature sensor
10	K10	0.5 LR	Rear defrost signal
11	K11	2.5 R	Air blower power supply
12	IP05	0.5 Br	Air conditioning controller power supply
13	-	-	Unused
14	-	-	Unused
15	K15	0.5 L	CAN_L

Diagnosis connector (IP20)

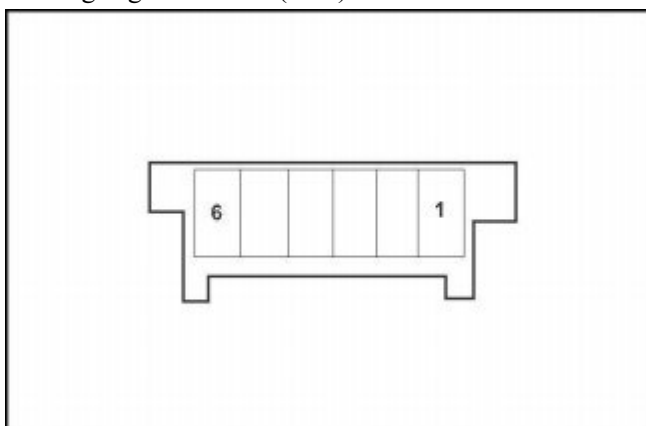


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	G1027H	0.35 B	Grounding
5	G1027K	0.35 B	Grounding
6	OC06	0.35 G	CAN2_H
7	M71	0.35 V	Engine ECU diagnosis K line
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused

Arrangement of harness and plug instructions

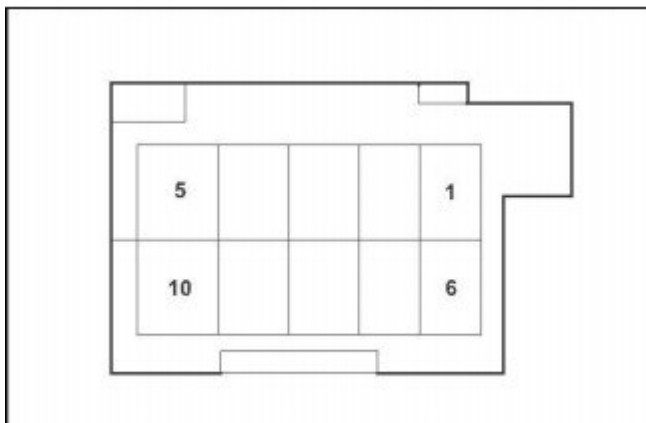
Terminals no.	Wire size	Wire diameter / color	Function
12	-	-	Unused
13	-	-	Unused
14	OC14	0.35 L	CAN2_L
15	-	-	Unused
16	BT12	0.35 RY	Battery 12V power supply

Rotating angle Sensor (IP15)



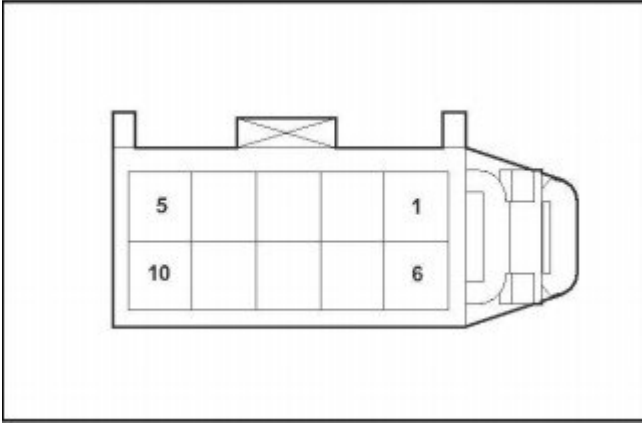
Terminals no.	Wire size	Wire diameter / color	Function
1	SA01	0.5 L	CAN_L
2	SA02	0.5 G	CAN_H
3	A28B	0.5 RY	Battery power supply
4	G1015D	0.5 B	Grounding
5	-	-	Unused
6	-	-	Unused

Combination switch lighting control (IP10)



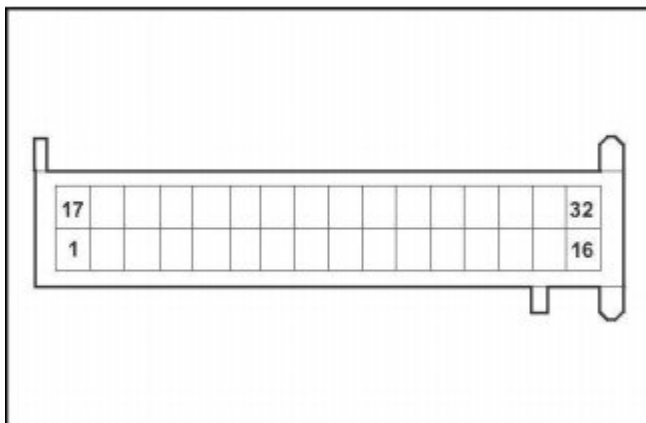
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BE05	0.35 GW	Clearance lamp/ low beam/ automatic headlamp switch signal
4	BE07	0.35 BL	Flash lamp/ high beam/ switch signal
5	BE11	0.35 RW	Steering lamp switch signal
6	-	-	Unused
7	BE29A	0.35 B	Grounding
8	BE10	0.35 BrR	Rear fog lamp switch signal
9	-	-	Unused
10	BE09	0.35 BrB	Front fog lamp switch signal

Combination switch wiper washing control (IP12)



Terminals no.	Wire size	Wire diameter / color	Function
1	BD03	0.35 LgR	Front wiper 2 switch signal
2	BD02	0.35 WG	Front wiper 1 switch signal
3	BE29B	0.35 B	Grounding
4	BE26	0.35 GrG	Front washing switch signal
5	-	-	Unused
6	-	-	Unused
7	BE22	0.35 WL	Rear wiper1 switch signal
8	-	-	Unused
9	BE23	0.35 YB	Rear wiper2 switch signal
10	BD04	0.35 RL	Front wiper regulation signal

Combination instrument (IP09)

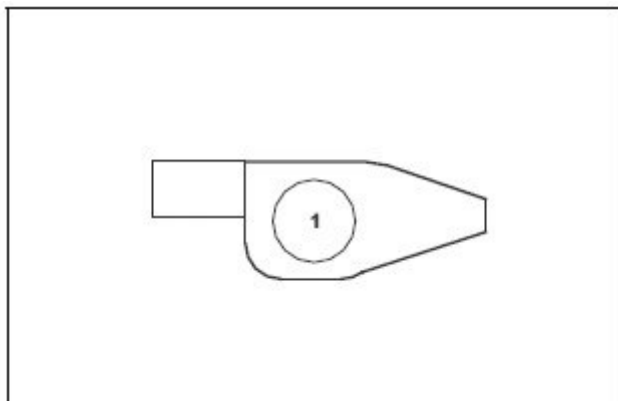


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	G1016	0.5 B	Power supply
4	-	-	Unused
5	I05	0.5 G	Oil level sensor
6	-	-	Unused
7	I07	0.35 BrG	Passenger gravity sensor
8	I08	0.35 BrW	Passenger safety belt switch
9	I09	0.35 GrB	Engine oil pressure switch
10	-	-	Unused
11	I11	0.5 LR	Battery 12V power supply
12	-	-	Unused
13	I13	0.5 Br	Ignition switch ON gear power supply
14	-	-	Unused
15	I15	0.35 RW	Signal output
16	I16	0.35 W	Engine charging indicator
17	58G	0.5 L	Backlight power supply
18	I18	0.35 YW	Parking brake switch
19	I19	0.35 GR	Driver safety belt switch
20	-	-	Unused

Arrangement of harness and plug instructions

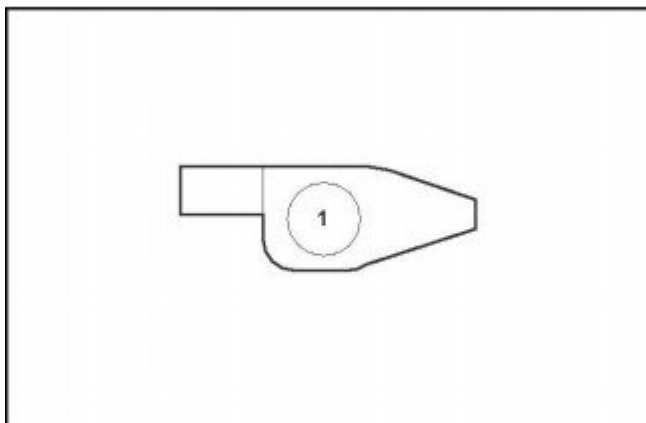
Terminals no.	Wire size	Wire diameter / color	Function
21	I21	0.35 WB	Fuel sensor oil level signal
22	I22	0.5 WL	Back-up switch signal
23	I23	0.35 Y	Reversing radar alarm signal
24	I24	0.35 YB	Reversing radar time signal
25	-	-	Unused
26	I26	0.35 BrI	Brake fluid level switch
27	-	-	Unused
28	I28	0.35 BW	Speed signal (to skylight)
29	IC29	0.35 L	CAN_L
30	IC30	0.35 G	CAN_H
31	I31	0.35 RB	5V voltage
32	BD17	0.35 GrL	BCM vehicle immobilizer indicator

Bonding11 (G1011) (IP23)



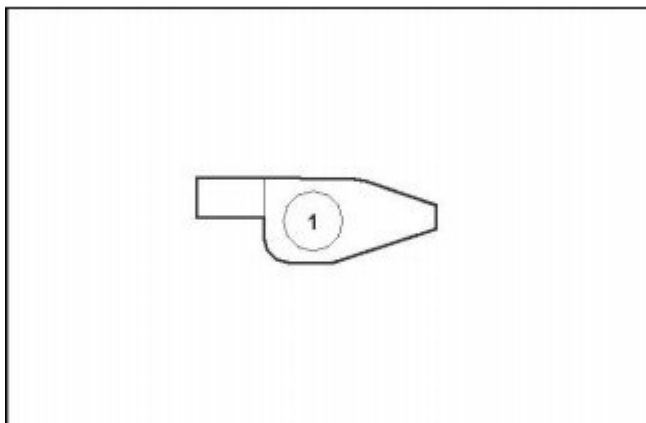
Terminals no.	Wire size	Wire diameter / color	Function
1	G1011	2.5 B	Refer to “grounding location, function and distribution”
	G1011A	1.5 B	
	BA03	2.5 B	

Bonding27 (G1027) (IP25)



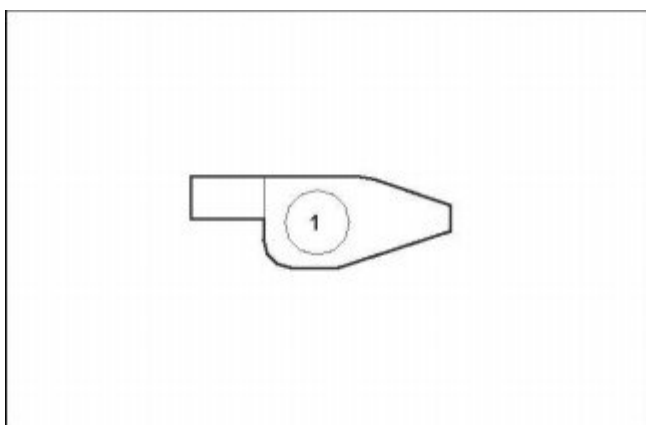
Terminals no.	Wire size	Wire diameter / color	Function
1	G1027M	0.35 B	Refer to “grounding location, function and distribution”
	G1027K	0.35 B	
	G1027H	0.35 B	
	G1027G	0.5 B	
	G1027A	0.5 B	
	G1027	0.5 B	
	G1027D	0.5 B	
	G1027P	0.5 B	
	G1027R	0.5 B	

Bonding18 (G1018) (IP43)



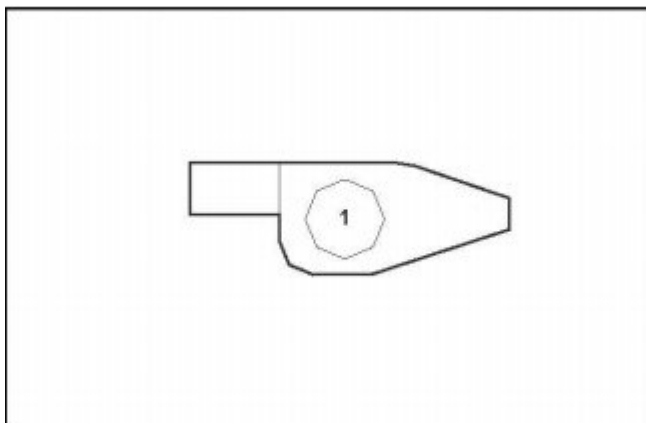
Terminals no.	Wire size	Wire diameter / color	Function
1	G1018	0.5 RB	Refer to “grounding location, function and distribution”

Bonding15 (G1015) (IP35)



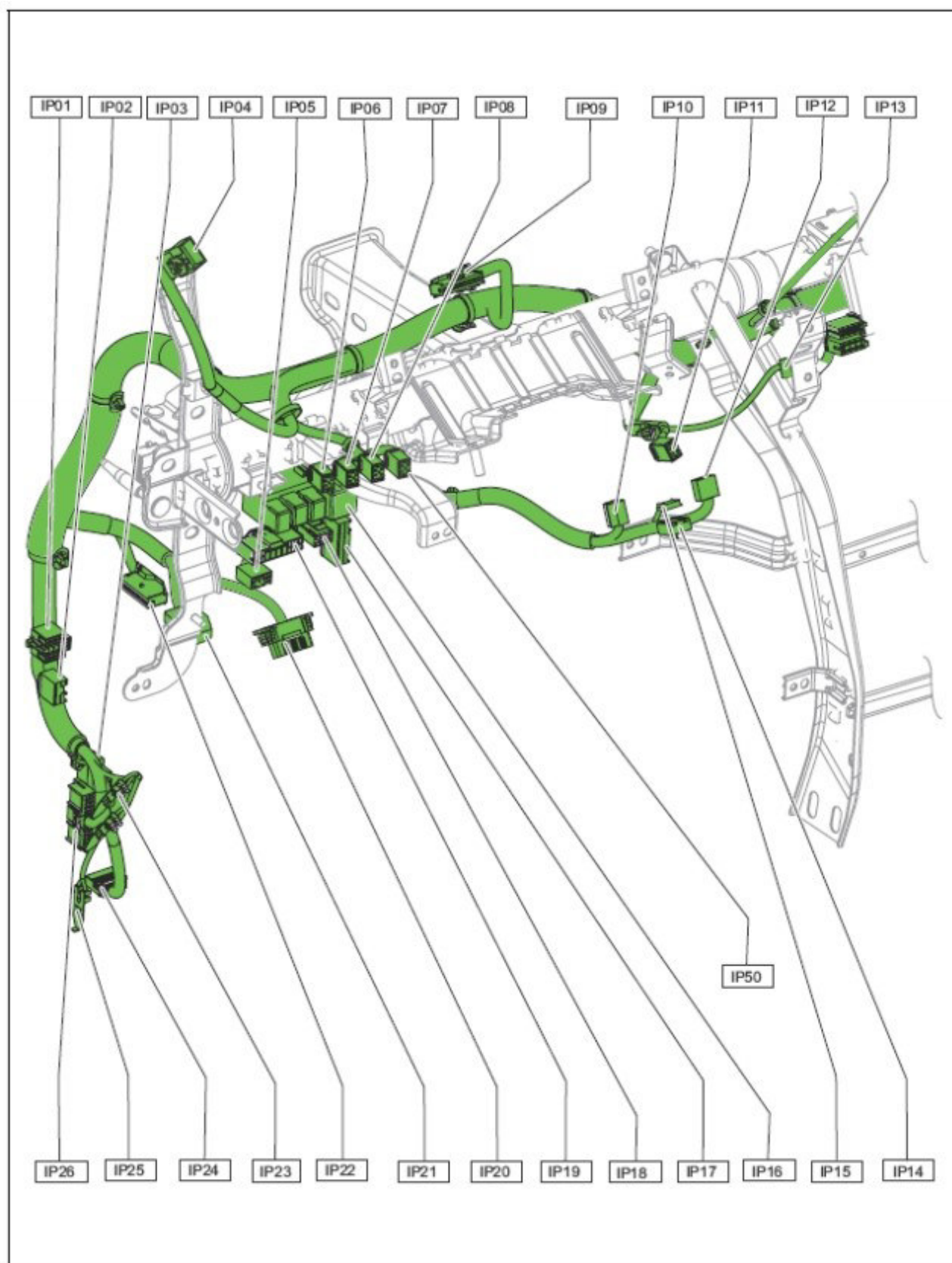
Terminals no.	Wire size	Wire diameter / color	Function
1	G1015	0.5 B	Refer to “grounding location, function and distribution”
	G1015A	0.5 B	
	G1015B	0.5 B	
	G1015C	0.35 B	
	G1015D	0.5 B	
	G1015E	0.5 B	
	G1015F	0.35 B	
	G1015G	0.5 B	

Bonding16 (G1016) (IP36)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1016	0.5 B	Refer to “grounding location, function and distribution”
	G1016A	0.75 B	
	G1016B	0.5 B	
	G1016C	0.5 B	
	G1016F	1.5 B	

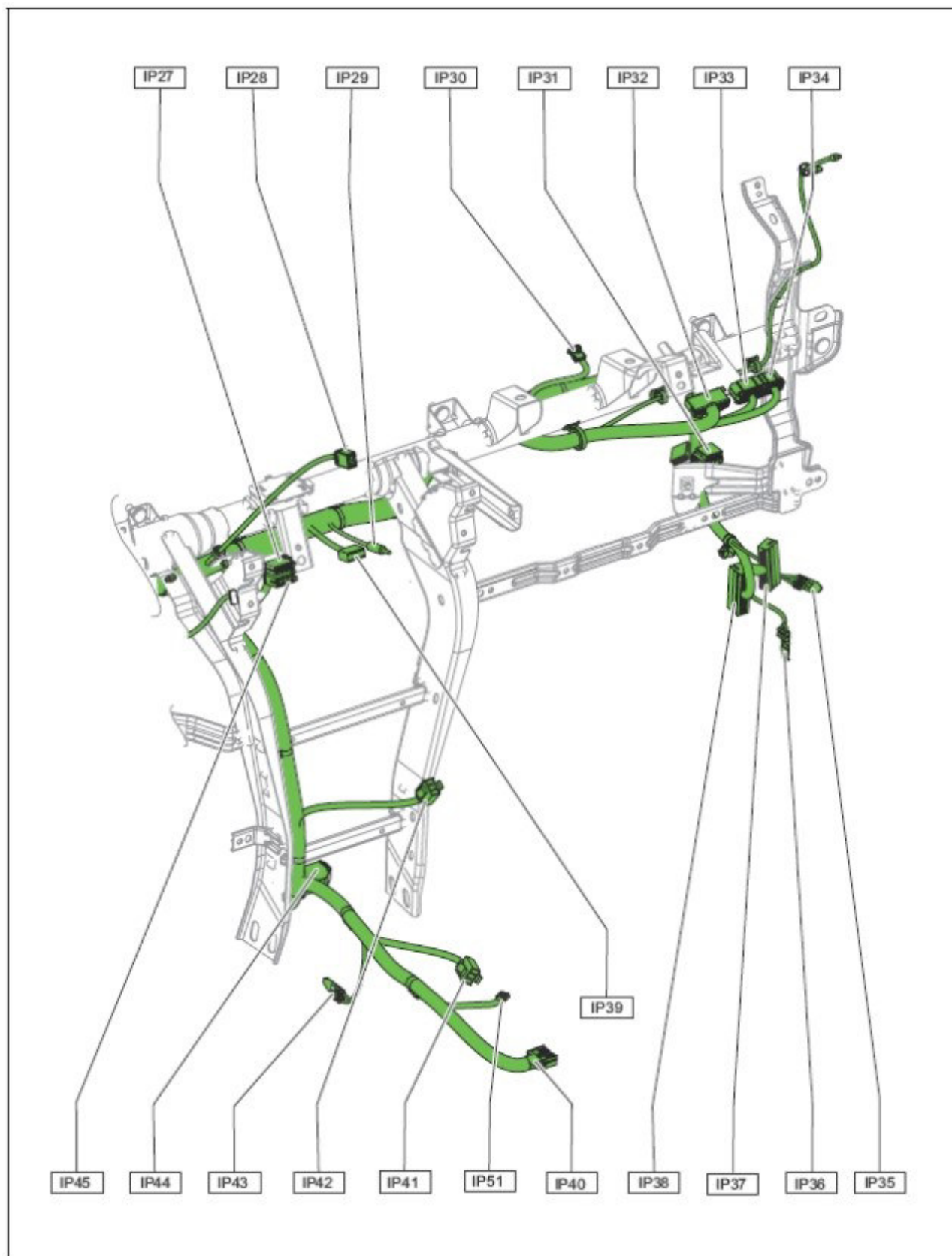
Instrument panel wiring harness-Left part-2.0T (DCT)



Instrument panel wiring harness-Left part plug definition

Plug code	Connected electrical equipment
IP01	Connect front door wiring harness-Left plug A
IP02	Connect front door wiring harness-Left plug B
IP03	Connect floor harness plug A
IP04	Connect roof harness
IP05	Dashboard electrical box E
IP06	ESC Switch
IP07	Backlight regulating switch
IP08	Rearview mirror folded switch
IP09	Combination instrument
IP10	Combination switch lighting control
IP11	Electrical steering column lock
IP12	Combination switch wiper washing control
IP13	Button start switch
IP14	Clock spring
IP15	Rotating angle sensor
IP16	Relay socket
IP17	Instrument electrical box A
IP18	Instrument electrical box B
IP19	Instrument electrical box C
IP20	Diagnosis connector
IP21	BCM plug D
IP22	BCM plug E
IP23	Bonding 11 (G1011)
IP24	Connect engine room wiring harness plug B
IP25	Bonding 27 (G1027)
IP26	Connect engine room wiring harness plug A
IP50	Headlamp signal switch

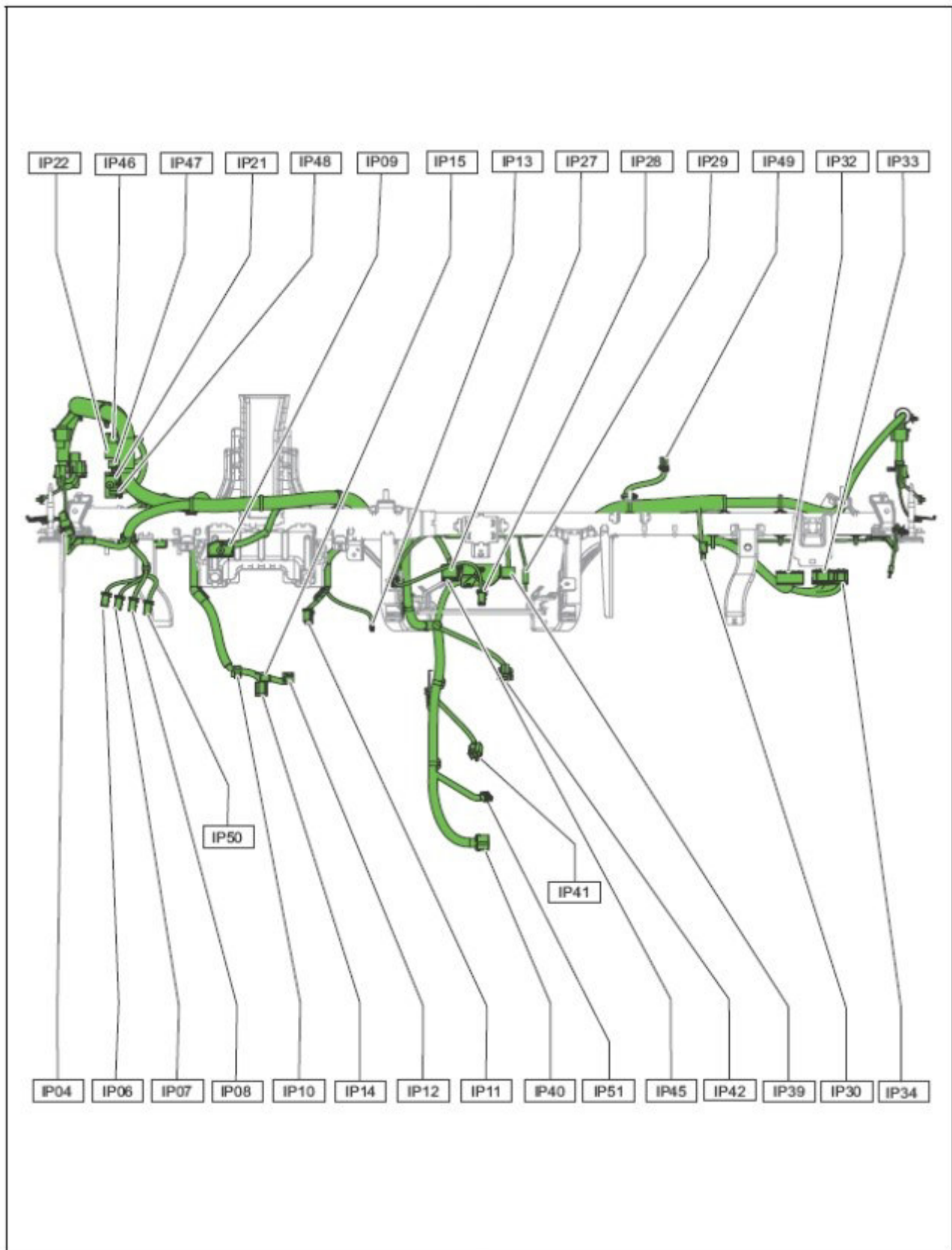
Instrument panel wiring harness-Right part-2.0T (DCT)



Instrument panel wiring harness-Right part plug definition

Plug code	Connected electrical equipment
IP27	Head unit plug B
IP28	Hazard warning lamp switch
IP29	Antenna feeder
IP30	Passenger airbag
IP31	Connect front door wiring harness-Right1, 2
IP32	Keyless start module plug A
IP33	Keyless start module plug B
IP34	Keyless start module plug C
IP35	Bonding 15 (G1015)
IP36	Bonding 16 (G1016)
IP37	Connect floor harness plug E
IP38	Connect floor harness plug C
IP39	Head unit plug C
IP40	Connect floor harness plug D
IP41	Immobilizer controller
IP42	Cigar lighter
IP43	Bonding 18 (G1018)
IP44	Airbag controller
IP45	Head unit plug A
IP51	Gear shifting module

Instrument panel wiring harness-top view-2.0T (DCT)



Instrument panel wiring harness-top view plug definition

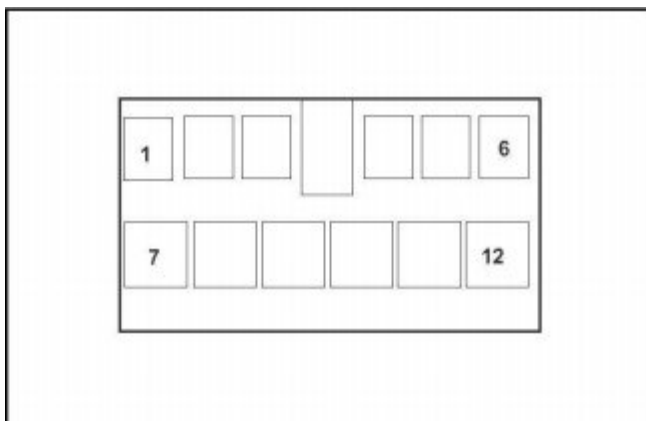
Plug code	Connected electrical equipment
IP04	Connect roof harness
IP06	ESC Switch
IP07	Backlight regulating switch
IP08	Rearview mirror folded switch
IP09	Combination instrument
IP10	Combination switch lighting control
IP11	Electrical steering column lock
IP12	Combination switch wiper washing control
IP13	Button start switch
IP14	Clock spring
IP15	Rotating angle sensor
IP21	BCM plug D
IP22	BCM plug E
IP27	Head unit plug B
IP28	Hazard warning lamp switch
IP29	Antenna feeder
IP30	Passenger airbag
IP32	Keyless start module plug A
IP33	Keyless start module plug B
IP34	Keyless start module plug C
IP39	Head unit plug C
IP40	Connect floor harness plug D
IP41	Immobilizer controller
IP42	Cigar lighter
IP44	Airbag controller
IP45	Head unit plug A
IP46	BCM plug B

Arrangement of harness and plug instructions

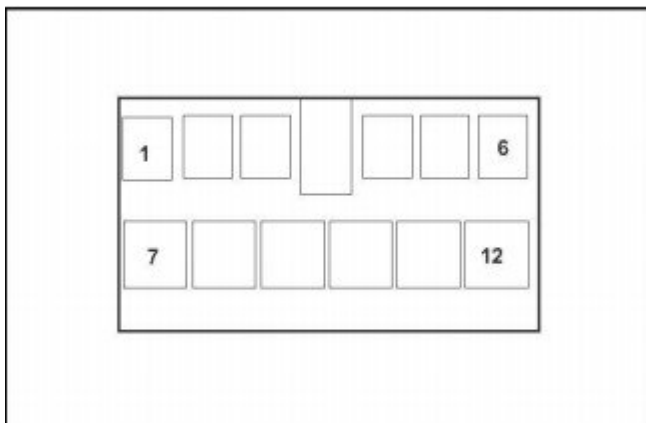
IP47	BCM plug A
IP48	BCM plug C
IP49	Connect HVAC harness- automatic air conditioning
IP50	Headlamp signal switch
IP51	Gear shifting module

Instrument panel wiring harness plug Description-2.0T (DCT)

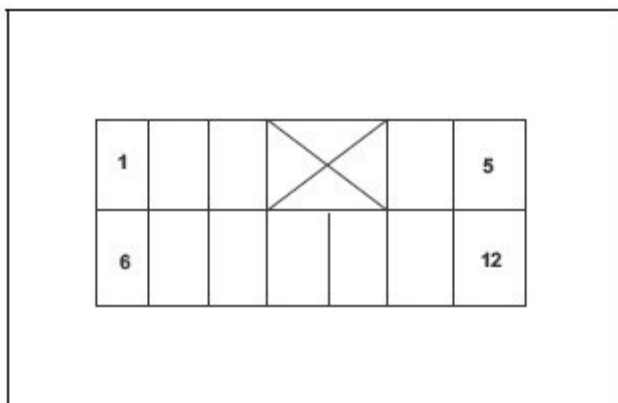
BCM plug A (IP47)



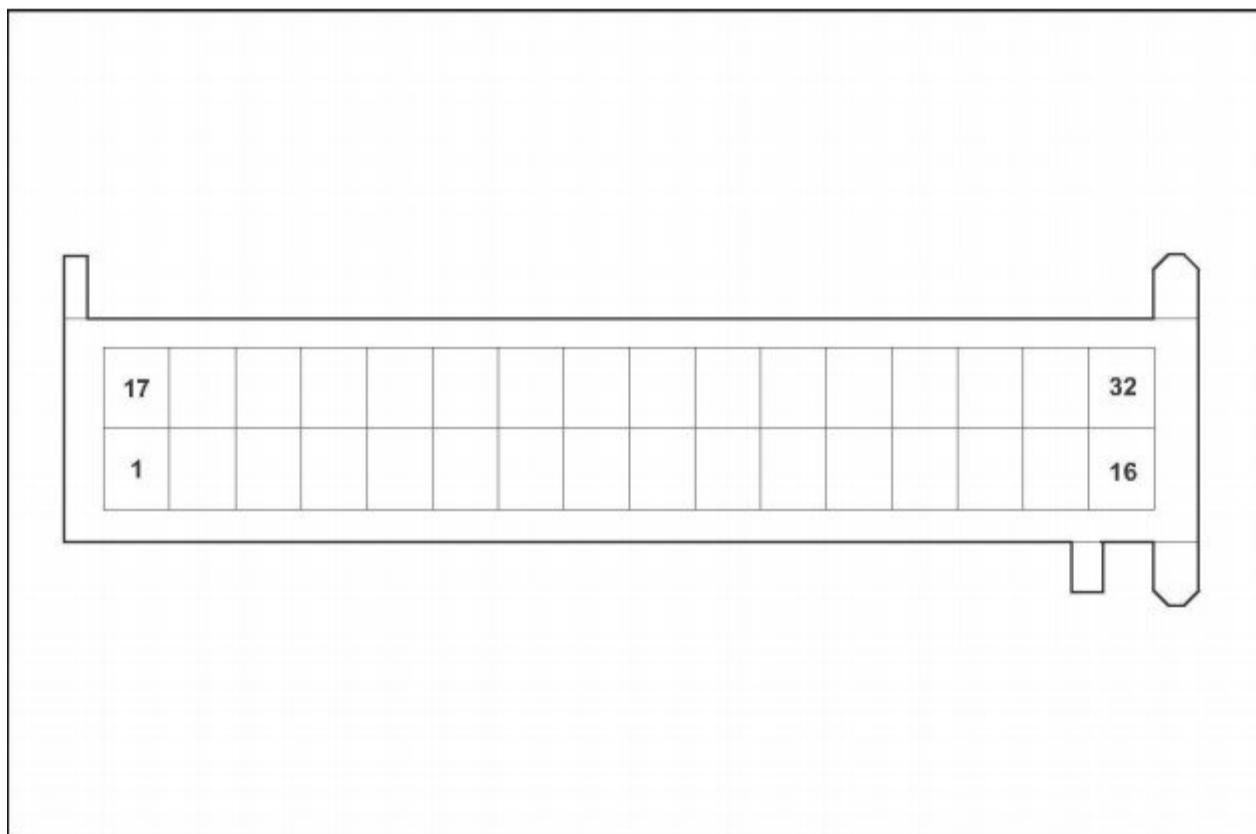
Terminals no.	Wire size	Wire diameter / color	Function
1	BA01	0.5 GO	Dome lamp output
2	BA02	0.5 GrR	Trunk lamp output
3	BA03	2.5 B	Grounding
4	BA04	0.5 RB	Front door open warning light output
5	BA05	0.5 G	Back door unlock relay control
6	BA06	0.5 GBr	Electrical steering column lock control
7	BA07	1.5 RW	Left rear window motor falls+
8	BA08	1.5 RY	Left rear window motor rises+
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused

BCM plug B (IP46)

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01	0.75 YB	Door lock motor interlocks+
2	BB02	0.75 WB	Door lock motor unlocked +
3	BB03	1.5 G	Compound horn+
4	BB04	1.5 V	Front wiper motor (low speed) +
5	BB05	1.5 G	Front wiper motor (high speed) +
6	BB06	2.5 RY	Battery 12V power supply (lock motor/ horn/ electrical steering column lock)
7	BB07	2.5 RW	Battery 12V power supply (front door glass lifting motor)
8	BB08	2.5 RB	Battery 12V power supply (rear door glass lifting motor)
9	BB09	1.5 YR	Right rear window motor rises+
10	BB10	1.5 Y	Right rear window motor falls+
11	G1011	2.5 B	Power supply
12	G1011A	2.5 B	Power supply

BCM plug C (IP48)

Terminals no.	Wire size	Wire diameter / color	Function
1	BC0	0.5LY	Right steering lamp+
2	BC0	0.5 LW	Left steering lamp+
3	BC0	0.5 GB	Clearance lamp+
4	BC0	0.5 GB	Brake lamp+
5	BC0	0.5 LY	Motor front washing+
6	BC0	2.5 RG	Battery 12V power supply (steering lamp/fog lamp/clearance lamp)
7	BC0	0.5 WY	Backlight lamp+
8	BC0	0.75 LG	Rear fog lamp+
9	BC0	1.5 RY	Battery 12V power supply (wiper motor/ washing motor)
10	BC	1.5 RL	Battery 12V power supply (battery power saving/ front door warning lamp)
11	BC	0.5 YL	Motor rear washing+
12	BC	0.5 GL	Battery power saving output

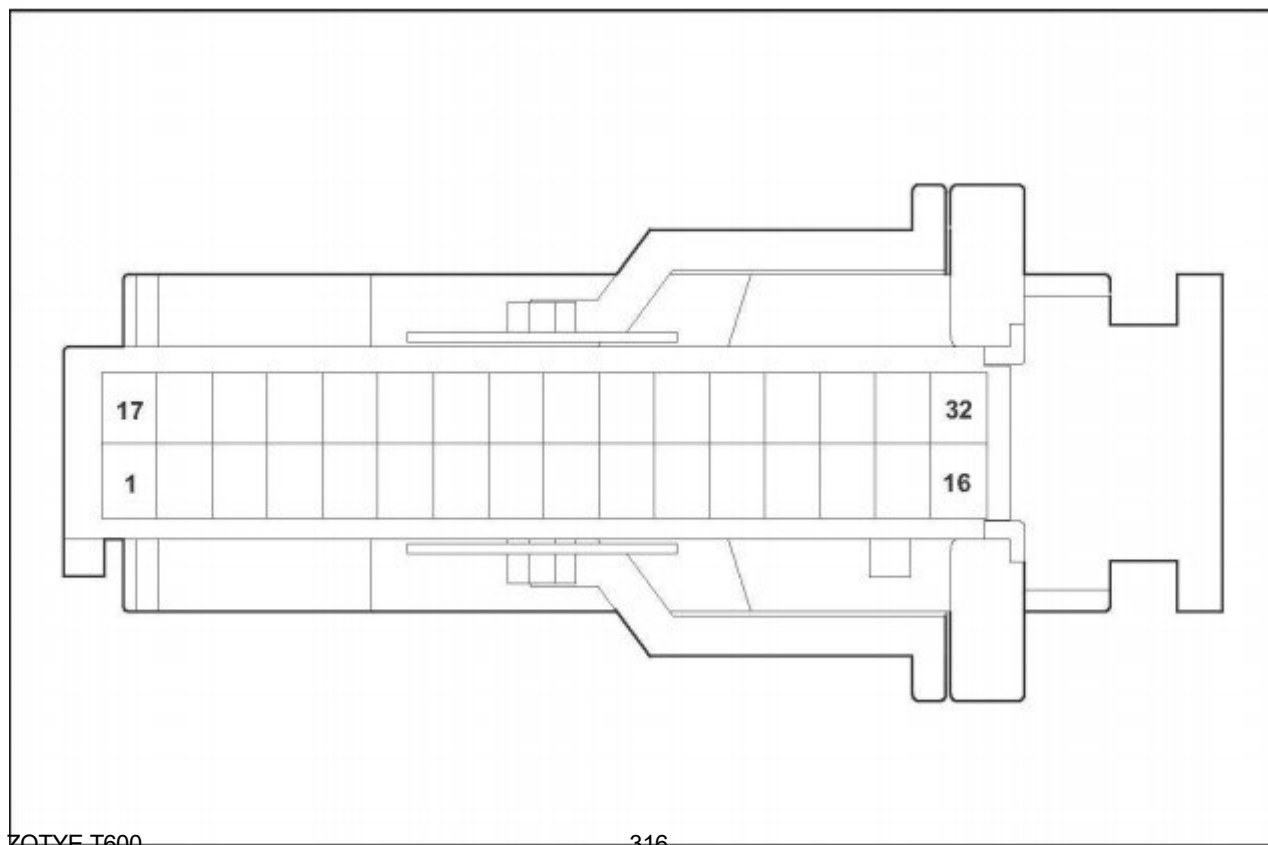
BCM plug D (IP21)

Terminals no.	Wire size	Wire diameter / color	Function
1	BD01	0.35 Br	Rearview mirror switch control signal
2	BD02	0.35 WG	Wiper washing switch (front wiper 1) signal
3	BD03	0.35 LgR	Wiper washing switch (front wiper 2) signal
4	BD04	0.35 RL	Wiper washing switch (front wiper regulation) signal
5	BD05	0.35 Y	Horn switch
6	BD06	0.35 LY	Left front door central locking switch (unlocked / interlock)
7	BD07	0.35 YB	Left rear door power window switch
8	BD08	0.35 GL	Right rear door power window switch
9	BD09	0.35 GR	Right front door power window switch
10	BD10	0.35 GB	Left front door power window switch (left rear window)
11	BD11	0.35 WY	Left front door power window switch (right rear window)
12	BD12	0.35 YB	Left front door power window switch (right front window)

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
13	BD13	0.35 BrR	Left front door power window switch (left front window)
14	BD14	0.35 P	High beam relay control
15	BD15	0.35 R	Low beam relay control
16	BD16	0.35 VW	Front fog lamp relay control
17	BD17	0.35 GrL	Immobilizer indicator output (to instrument)
18	BD18	0.35 GrB	Rear wiper stop signal
19	BD19	0.35 G	CAN_H
20	BD20	0.35 L	CAN_L
21	-	-	Unused
22	BD22	0.5 GW	Rear wiper relay control
23	-	-	Unused
24	BD24	0.5 Y	Daytime running lamps relay control
25	-	-	Unused
26	-	-	Unused
27	BD27	0.5 GrG	Rearview mirror folded relay control
28	BD28	0.5 LO	Rearview mirror open relay control
29	-	-	Unused
30	BD30	0.5 Y	Headlamp washmotor relay control
31	BD31	0.35 Br	Rain sensor
32	BD32	0.35 V	Electric glass clamp

BCM plug E (IP22)



ZOTYE T600

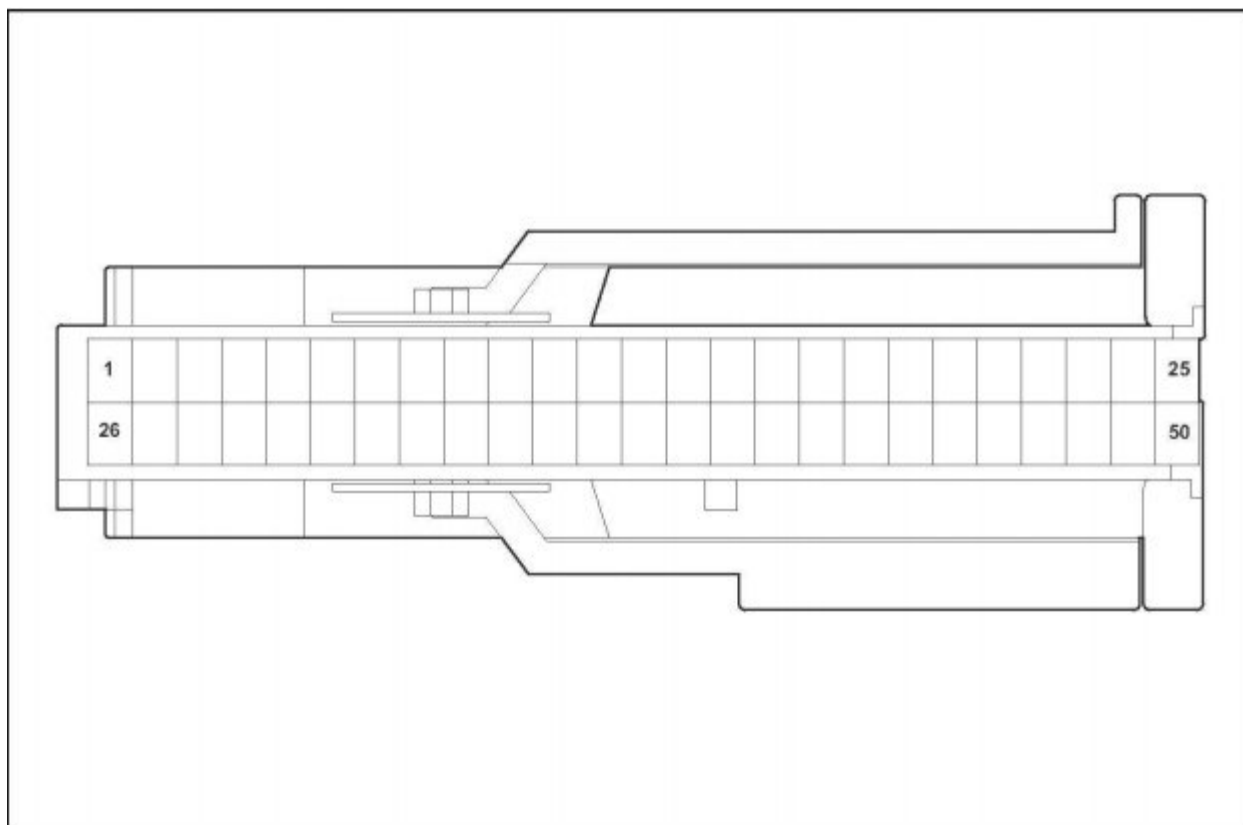
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Terminals no.	Wire size	Wire diameter / color	Function
1	BE01	0.35 GO	Ignition switch ACC gear power supply
2	-	-	Unused
3	BE03	0.5 Br	Ignition switch ON gear power supply
4	BE04	0.35 BrW	Back-up door open switch signal
5	BE05	0.35 GW	Lighting control switch (clearance lamp, low beam, automatic headlamp) signal
6	-	-	Unused
7	BE07	0.35 BL	Lighting control switch (flash lamp, high beam) signal
8	-	-	Unused
9	BE09	0.35 BrB	Lighting control switch (front fog lamp) signal
10	BE10	0.35 BrR	Lighting control switch (rear fog lamp) signal
11	BE11	0.35 RW	Lighting control switch (steering lamp) signal
12	-	-	Unused
13	BE13	0.35 OG	Hazard warning lamp switch signal

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
14	BE14	0.35 RY	Child lock switch signal
15	BE15	0.35 V	Left front door lock state switch
16	BE16	0.35 BR	Right front door lock state switch
17	BE17	0.35 Br	Left rear door lock state switch
18	BE18	0.35 GrR	Right rear door lock state switch
19	BE19	0.35 GrR	Engine room contact switch
20	BE20	0.35 BrY	Back-up door lock state switch
21	BE21	0.35 GB	Collision signal input
22	BE22	0.35 WL	Wiper washing switch (rear wiper1)
23	BE23	0.35 YB	Wiper washing switch (rear wiper2)
24	BE24	0.35 GW	Front wiper motor stop position
25	-	-	Unused
26	BE26	0.35 GrG	Wiper washing switch (front washing)
27	BE27	0.35 GY	Mechanical keys left front door unlocked switch
28	-	-	Unused
29	BE29	0.5 B	Signal
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused

Airbag controller (IP44)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q01	0.35 OG	Passenger airbag +
2	Q02	0.35 BY	Passenger airbag
3	Q03	0.35 Lg	Driver side airbag
4	Q04	0.35 WL	Driver side airbag +
5	Q05	0.75 Y	ON gear power supply
6	G1018	0.5 RB	Grounding
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	Q10	0.35 WR	Driver airbag +
11	Q11	0.35 YR	Driver airbag
12	-	-	Unused
13	Q13	0.35 Y	Driver seat belt pre-tensioner+
14	Q14	0.35 YB	Driver seat belt pre-tensioner

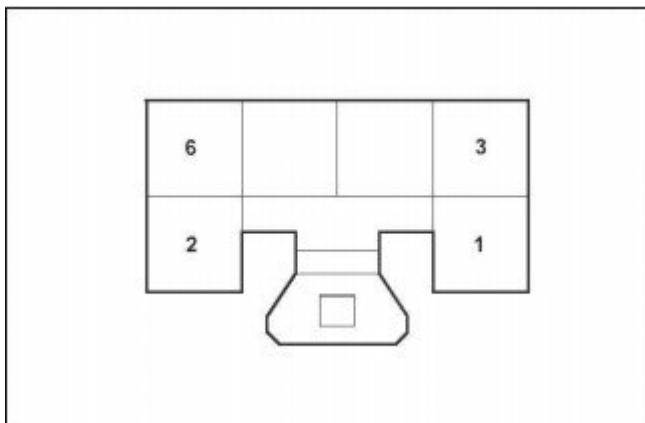
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	-	-	Unused
16	Q16	0.35 LR	Passenger seat belt pre-tensioner
17	Q17	0.35 GY	Passenger seat belt pre-tensioner+
18	Q18	0.35 RB	Passenger airbag +
19	Q19	0.35 YB	Passenger airbag
20	-	-	Unused
21	BE21	0.35 GB	Collision signal (to BCM)
22	Q22	0.35 GW	Lift side air curtain+
23	Q23	0.35 GO	Lift side air curtain
24	Q24	0.35 WB	Right side air curtain
25	Q25	0.35 GR	Right side air curtain+
26	Q26	0.35 Br	Left side collision sensor +
27	Q27	0.35 BrB	Left side collision sensor
28	Q28	0.35 OG	Right side collision sensor
29	Q29	0.35 O	Right side collision sensor +
30	-	-	Unused
31	-	-	Unused
32	-	-	Unused
33	Q33	0.35 L	CAN_L
34	Q34	0.35 G	CAN_H
35	-	-	Unused
36	-	-	Unused
37	-	-	Unused
38	-	-	Unused
39	-	-	Unused
40	-	-	Unused
41	-	-	Unused
42	-	-	Unused

Arrangement of harness and plug instructions

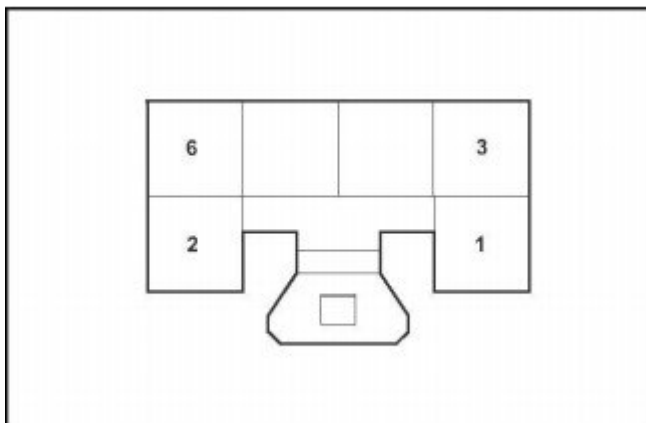
Terminals no.	Wire size	Wire diameter / color	Function
43	-	-	Unused
44	-	-	Unused
45	-	-	Unused
46	-	-	Unused
47	-	-	Unused
48	-	-	Unused
49	-	-	Unused
50	-	-	Unused

Backlight regulating switch (IP07)



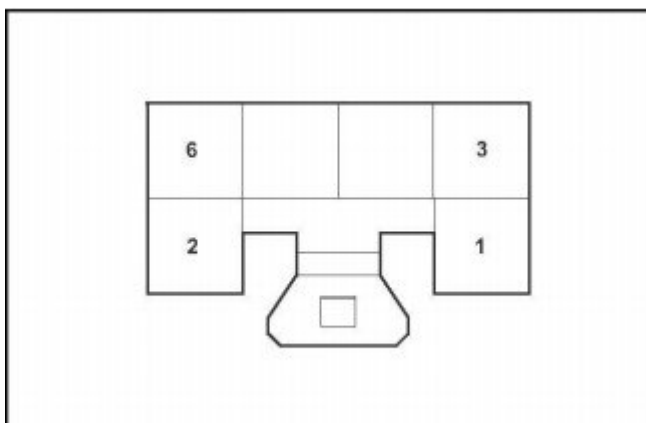
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	G1027D	0.5 B	Grounding
5	BC07	0.5 WY	Regulating switch control (to BCM)
6	58B	0.5 L	Backlight power supply output

ESC Switch (IP06)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58J	0.5 L	Backlight power supply
4	G1027	0.5 B	Switch power supply
5	G1027A	0.5 B	Grounding
6	A12	0.5 R	ESC switch signal

Rearview mirror folded switch (IP08)

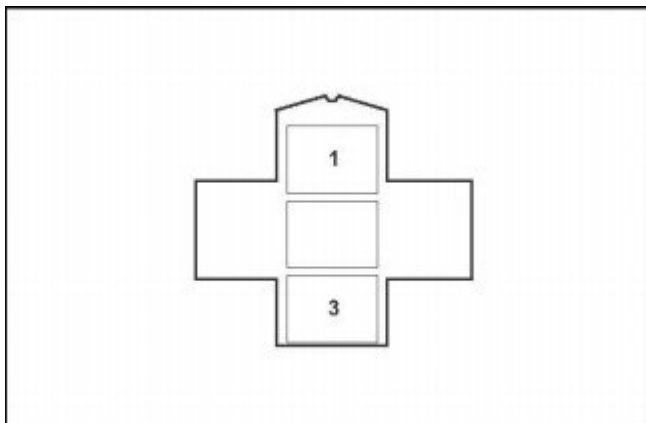


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58K	0.5 L	Backlight power supply
4	G1027Q	0.5 B	Grounding

Arrangement of harness and plug instructions

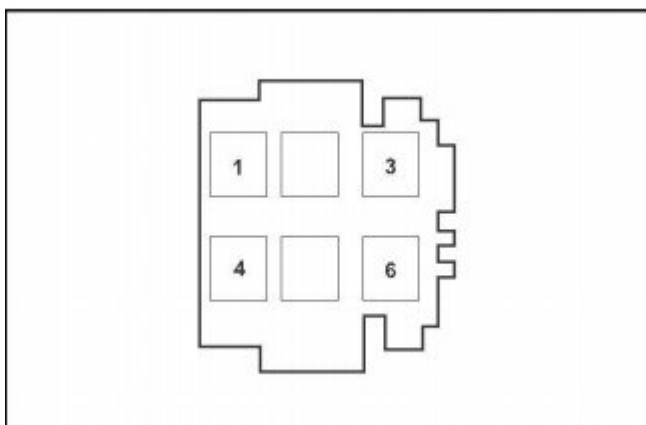
5	G1027N	0.5 B	Grounding
6	BD01	0.35 Br	Rearview mirror folded switch control signal

Cigar lighter (IP42)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1016F	1.5 B	Grounding
2	N09	1.5 GrR	ACC power supply
3	-	-	Unused

Electrical steering column lock (IP11)

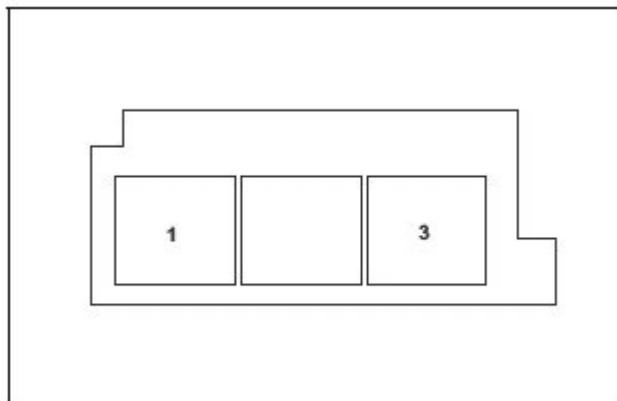


Terminals no.	Wire size	Wire diameter / color	Function
1	BA06	0.5 GBr	Steering column lock+
2	PB08	0.5 GrB	Steering column lock
3	EB26B	0.35 R	Steering column lock power supply
4	PA10	0.35 GO	Steering column lock signal

Arrangement of harness and plug instructions

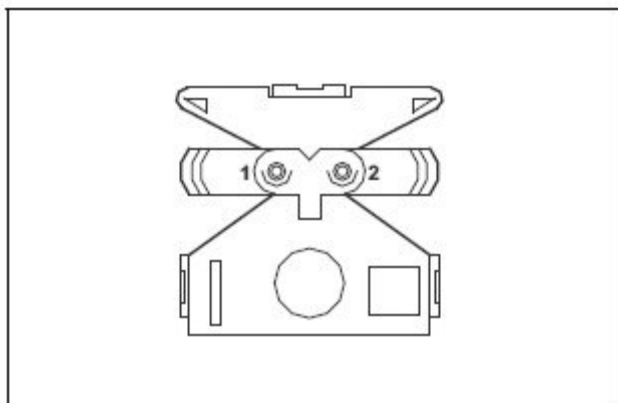
5	PA23	0.35 WL	Steering column lock signal
6	G1015G	0.5 B	Grounding

Immobilizer controller (IP41)



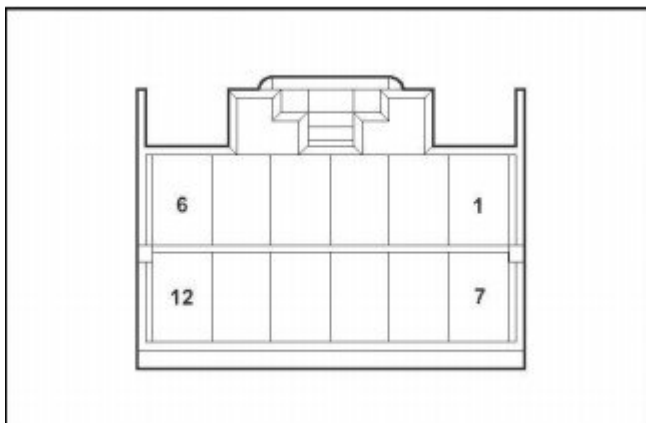
Terminals no.	Wire size	Wire diameter / color	Function
1	BT20	0.35 RY	Battery power supply
2	PA12	0.35 W	Immobilizer signal
3	G1015C	0.35 B	Grounding

Passenger airbag (IP30)



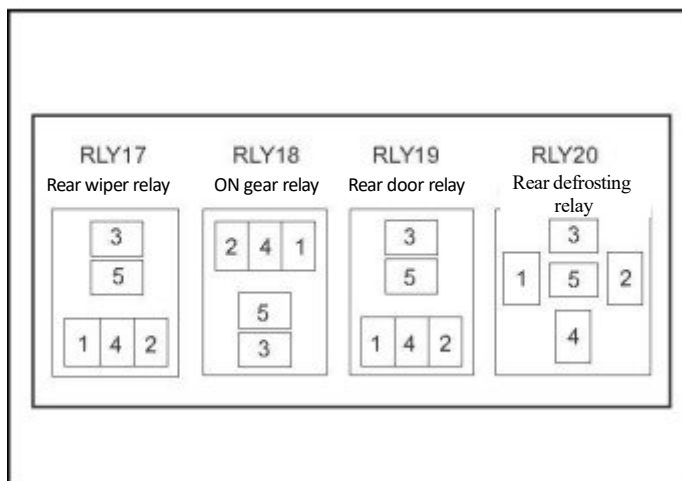
Terminals no.	Wire size	Wire diameter / color	Function
1	Q19	0.35 YB	Passenger airbag
2	Q18	0.35 RB	Passenger airbag+

Gear shifting module (IP51)



Terminals no.	Wire size	Wire diameter / color	Function
1	GM01	0.5 RY	Gear shift mechanism power supply
2	GM02	0.5 R	Gear shift mechanism power supply
3	GM03	0.5 Y	Reverse relay control
4	-	-	Unused
5	-	-	Unused
6	GM06	0.5 L	CAN_L
7	GM07	0.5 YG	To PEPS signal
8	GM08	0.5 B	grounding
9	GM09	0.5 L	Backlight lamp power supply
10	-	-	Unused
11	GM11	0.5 B	Grounding
12	GM12	0.5 G	CAN_H

Relay socket (IP16)

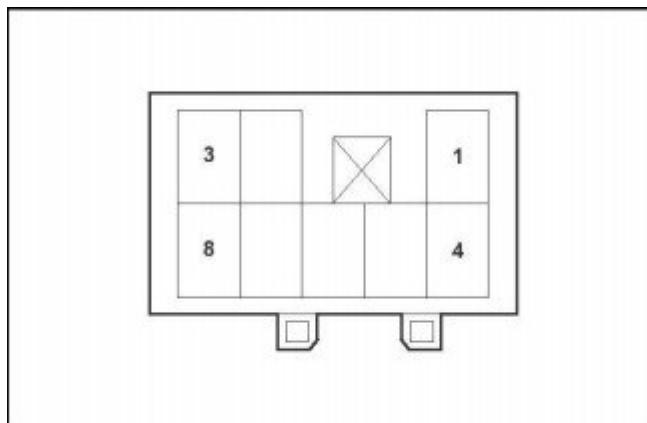


Terminals no.	Wire size	Wire diameter / color	Function
Rear wiper relay			
1 (85)	JD014B	0.5 GW	Battery power supply through fuse FB28
2 (86)	BD22	0.5 WY	Rear wiper control
3 (30)	JD05	0.75 Br	Rear wiper motor+
4	G1027P	0.5 B	grounding
5 (87)	JD014A	0.75 WY	Battery power supply through fuse FB28
IG1 relay			
1 (86)	PB05	0.35 GW	IGN control (PEPS controller)
2 (85)	G1027G	0.5 B	grounding
3 (30)	BT05	2.5 R	Battery power supply through fuse SB05
4	-	-	Unused
5 (87)	IG01	2.5 R	IGN power supply
Rear back door relay			
1 (86)	JD03B	0.5 WY	Battery power supply through fuse IF01
2 (85)	BA05	0.5 G	Back door unlock control
3 (30)	JD04	0.75 L	Back door unlock motor+
4	G1027R	0.5 B	Grounding
5 (87)	JD03A	1.5 WY	Battery power supply through fuse IF01
Rear defrosting relay			

Arrangement of harness and plug instructions

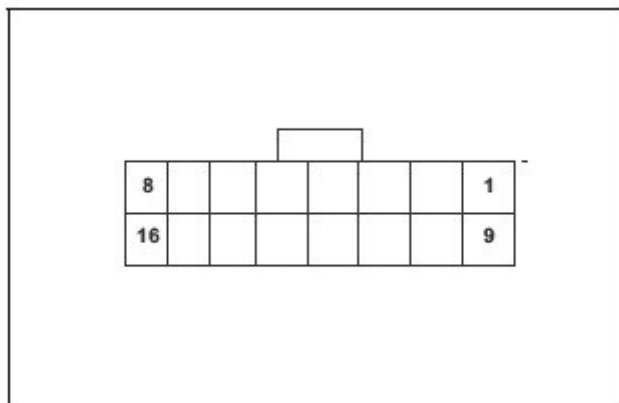
1 (85)	JD016B	0.5 RB	Battery power supply through fuse FB27
2 (86)	K10	0.5 LR	Rear defrost control
3 (30)	N10	2.5 RW	Electric rearview mirror and rear glass defroster+
4 (87)	JD016A	2.5 RB	Battery power supply through fuse FB 27
5	-	-	Unused

Connect Roof harness (IP04)



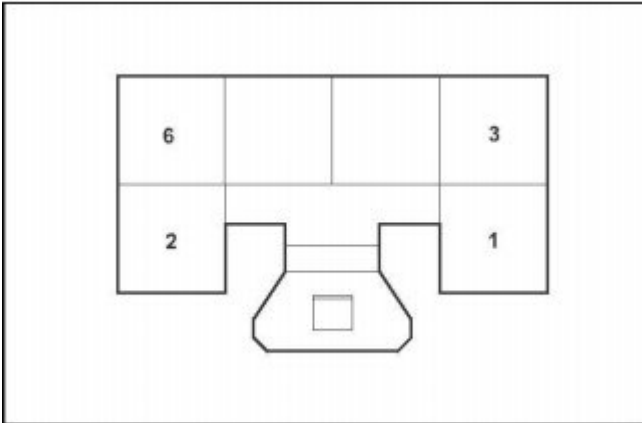
Terminals no.	Wire size	Wire diameter / color	Function
1	I28	0.35 BW	Speed signal (to skylight)
2	BT15	2.5 R	Skylight controller battery power supply
3	IP25	0.5 RB	Skylight controller and rain sensor ON gear power supply
4	-	-	Unused
5	AC04	0.5 LG	Electronic anti-dazzle rearview mirror ACC power supply
6	BD31	0.35 Br	Rain sensor signal
7	BA01A	0.5 GO	Dome lamp power supply
8	BC12A	0.5 W	Battery power saving output

Clock spring (IP14)



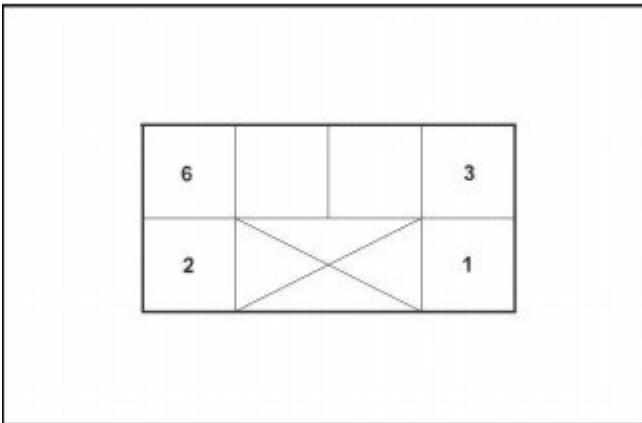
Terminals no.	Wire size	Wire diameter / color	Function
1	Q11	0.35 YR	Driver airbag
2	-	-	Unused
3	MC49D	0.35 Y	Cruise switch
4	MC58	0.35 YB	Cruise switch+
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	Q10	0.35 WR	Driver airbag +
10	G1015F	0.35 B	Multifunction steering wheel switch panel backlight grounding
11	RA01	0.35 G	Steering wheel remote control (to head unit)
12	RA02	0.5 W	Steering wheel remote control (to head unit)
13	58I	0.35 L	Multifunction steering wheel switch panel backlight power supply
14	BD05	0.35 Y	Horn switch signal
15	-	-	Unused
16	-	-	Unused

Hazard warning lamp Switch (IP28)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	58A	0.5 L	Switch backlight power supply
4	G1015	0.5 B	Backlight grounding
5	G1015A	0.5 B	Switch
6	BE13	0.5 OG	Switch signal (to BCM)

Headlamp signal Switch (IP50)

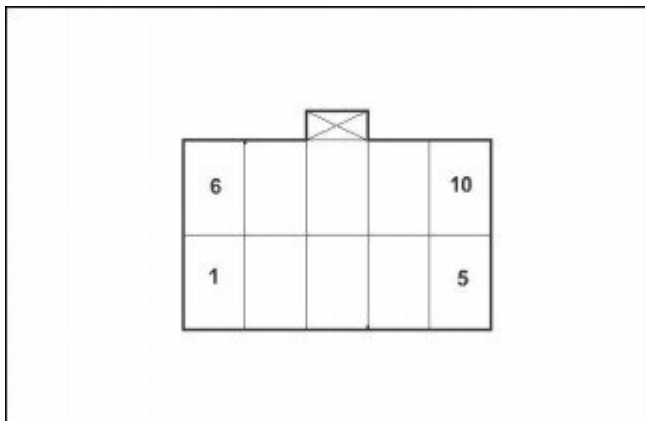


Terminals no.	Wire size	Wire diameter / color	Function
1	C45B	0.35 BY	Headlamp signal switch signal
2	G1027E	0.35 B	Grounding
3	58	0.5 L	Backlight lamp power supply
4	C42B	0.5 GL	Headlamp signal switch power supply

Arrangement of harness and plug instructions

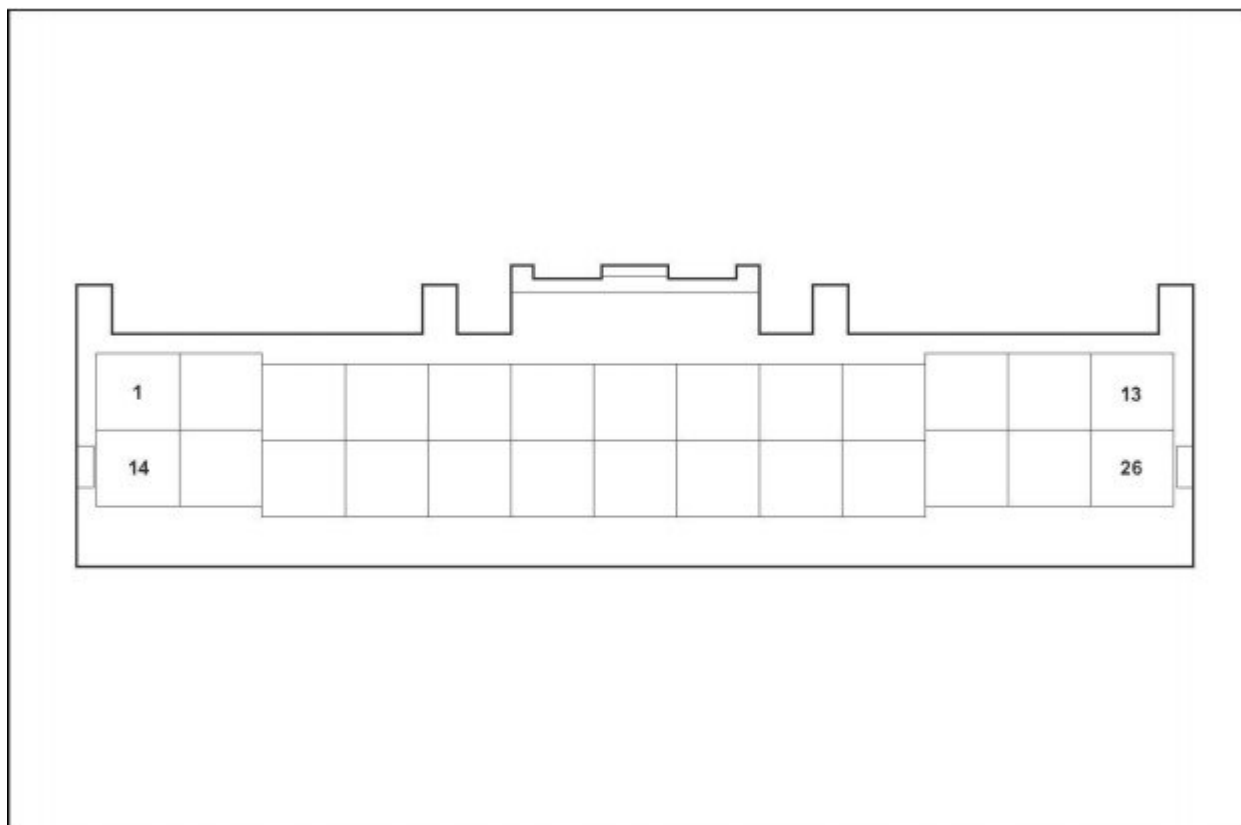
5	-	-	Unused
6	G1027F	0.35 B	Grounding

Button start Switch (IP13)



Terminals no.	Wire size	Wire diameter / color	Function
1	58D	0.5 L	Button start switch backlight electronic
2	PB10	0.35 P	Gear shifting switch signal electronic
3	PB01	0.35 Y	Start indicator lamp power supply
4	PB11	0.35 O	Start indicator lamp control
5	PB13	0.35 B	Gear shifting switch signal input
6	PB02	0.35 G	Gear shifting switch signal electronic
7	PB14	0.35 B	ON, ACC gear indicator lamp control
8	G1015E	0.5 B	Button start switch
9	-	-	Unused
10	-	-	Unused

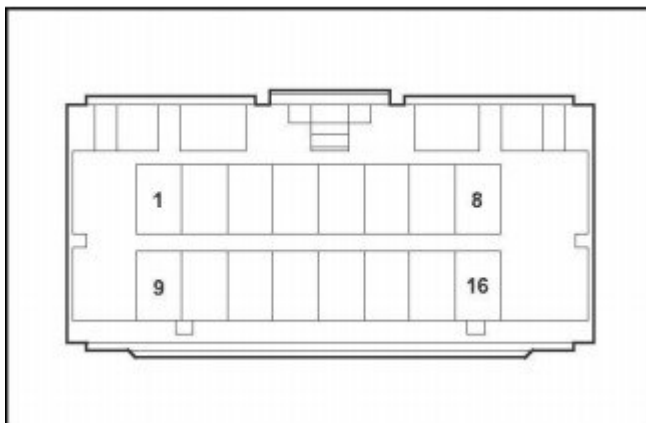
Keyless start module plug A (IP32)



Terminals no.	Wire size	Wire diameter / color	Function
1	PA01	1.5 R	PEPS power supply
2	PA02	0.5 R	PEPS power supply
3	M74A	0.35 YG	Clutch switch signal input
4	PA04	0.35 GB	Left side door knob switch signal
5	-	-	Unused
6	-	-	Unused
7	PA07	0.5 YB	Brake switch normally open signal
8	PA08	0.35 R	ST gear electronic feedback signal
9	PA09	0.35 GY	ACC gear feedback signal
10	PA10	0.35 GO	Steering column lock signal
11	-	-	Unused
12	PA12	0.35 W	Immobilizer signal
13	-	-	Unused
14	G1016B	0.5 B	Grounding

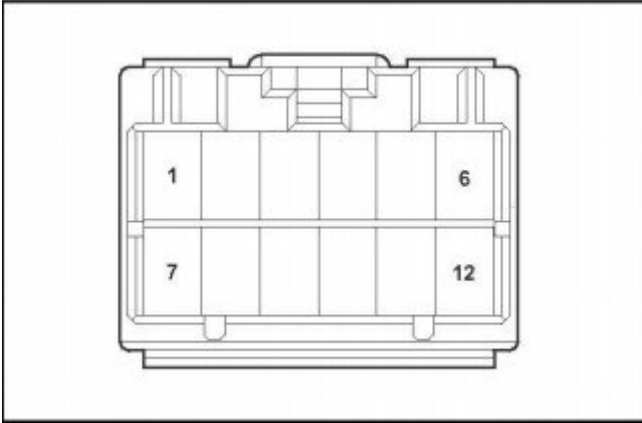
Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	G1016C	0.5 B	Grounding
16	-	-	Unused
17	PA17	0.35 G	Right side door knob switch signal
18	-	-	Unused
19	-	-	Unused
20	PA20	0.35 RL	Brake switch normally closed signal
21	PA21	0.35 BrW	ON gear feedback signal
22	-	-	Unused
23	PA23	0.35 WL	Steering column lock signal
24	-	-	Unused
25	-	-	Unused
26	-	-	Unused

Keyless start module plug **B (IP33)**

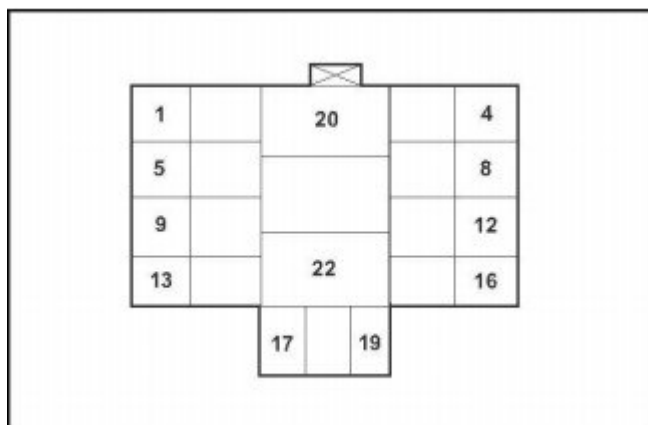
Terminals no.	Wire size	Wire diameter / color	Function
1	PB01	0.35 Y	Start indicator lamp power supply
2	PB02	0.35 G	Gear shifting switch signal electronic
3	PB03	0.35 RW	Start relay control line
4	-	-	Unused
5	PB05	0.35 GW	ON gear relay control line
6	PB06	0.5 GR	ACC gear relay controller
7	PB07	0.35 G	CAN_H
8	PB08	0.5 GrB	Steering column lock
9	-	-	Unused
10	PB10	0.35 P	Gear shifting switch signal electronic
11	PB11	0.35 O	Start indicator lamp grounding
12	-	-	Unused
13	PB13	0.35 B	Gear shifting switch signal input
14	PB14	0.35 B	ON, ACC gear indicator lamp grounding
15	PB15	0.35 L	CAN_L
16	-	-	Unused

Keyless start module plug C (IP34)



Terminals no.	Wire size	Wire diameter / color	Function
1	PC01	0.35 PB	Left front door knob antenna inductance signal
2	PC02	0.35 YB	Front row antenna capacity end
3	PC03	0.35 WG	Right front door knob antenna inductance signal
4	PC04	0.35 WB	Rear row antenna capacity end
5	-	-	Unused
6	-	-	Unused
7	PC07	0.35 P	Left front door knob antenna capacity signal
8	PC08	0.35 WR	Front row antenna inductance end
9	PC09	0.35 LR	Right front door knob antenna capacity signal
10	PC10	0.35 V	Rear row antenna inductance end
11	-	-	Unused
12	-	-	Unused

Connect Front door wiring harness-Right 1 (IP31)

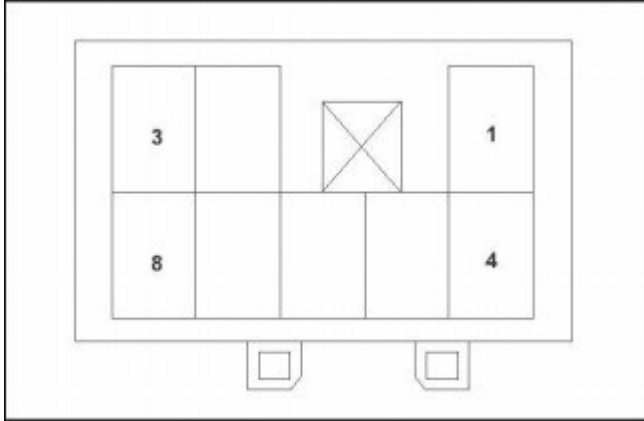


Terminals no.	Wire size	Wire diameter / color	Function
1	N14	0.35 Lg	Right rearview mirror defroster power supply
2	BC01C	0.5 LY	Right side steering lamp+
3	BA04B	0.5 RB	Right front door warning lamp control
4	BE16	0.35 BR	Right front door lock state switch signal
5	N04	0.35 RY	Right rearview mirror motor turning left and right+
6	N05	0.35 PW	Right rearview mirror motor turning up and down+
7	BB02B	0.75 WB	Right front lock motor unlocked+
8	BB01C	0.75 YB	Right front lock motor locked+
9	PA07	0.5 G	Right front door knob request switch signal
10	N02	0.35 OG	grounding
11	BD09	0.35 Gr	Right front door window lifting switch signal
12	RB03	0.5 BrR	Right front door loudspeaker+
13	PA17	0.35 LR	Right front door knob antenna capacity signal
14	PA18	0.35 WG	Right front door knob antenna inductance signal
15	58E	0.5 L	Right front door window lifting switch backlight power supply
16	RB04	0.5 YW	Right front door loudspeaker
17	JD06B	0.75 GrW	Right rearview mirror motor folded+
18	JD07B	0.75 V	Right rearview mirror motor open+
19	BE29D	0.35 B	Right front door window lifting switch grounding
20	BA09	1.5 OB	Right front glass lifting motor falls

Arrangement of harness and plug instructions

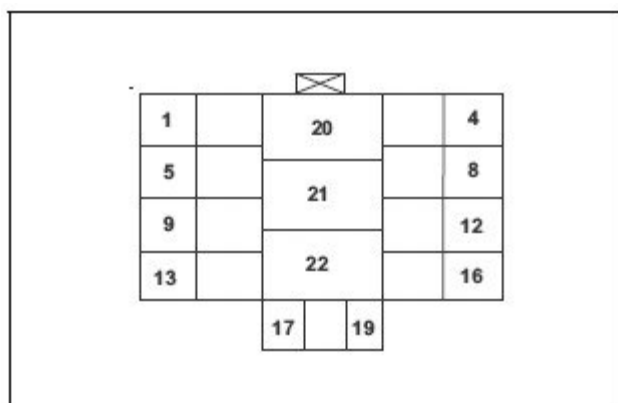
21	BA10	1.5 YB	Right front glass lifting motor rises
22	BC12H	0.5 GL	Right Front door warning lamp+

Connect Front door wiring harness-Right 2 (IP31)



Terminals no.	Wire size	Wire diameter / color	Function
1	QJ16	0.35 GrW	Right camera power supply +
2	QJ17	0.35 YW	Right camera video signal
3	QJ36	0.35 V	Right camera power supply
4	QJ37	0.35 Y	Right camera video signal+
5	-	-	Unused
6	-	-	Unused
7	BA01B	0.5 GO	Down-corner lamp grounding
8	-	-	Unused

Connect Front door wiring harness-Left plug A (IP01)

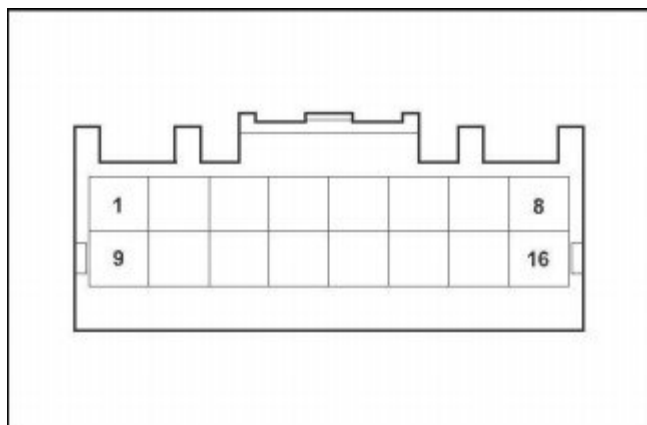


Terminals no.	Wire size	Wire diameter / color	Function
1	N15	0.35 R	Left rearview mirror defroster power supply
2	BC02C	0.5 LW	Left side Steering lamp+
3	BA04A	0.5 RB	Left Front door warning lamp control
4	BE15	0.35 V	Left front door lock state switch locked signal
5	N04	0.35 RY	Left rearview mirror motor turning left and right+
6	N05	0.35 PW	Left rearview mirror motor turning up and down+
7	BB02A	0.75 WB	Left front door lock motor unlocked+
8	BB01B	0.75 YB	Left front door lock motor locked+
9	PA04	0.35 GB	Left front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BE27	0.35 GY	Left front door lock state switch unlocked signal
12	RB05	0.5 BrY	Left front loudspeaker+
13	PC01	0.35 PB	Left front door knob antenna inductance signal
14	PC07	0.35 P	Left front door knob antenna capacity signal
15	58C	0.5 L	Left front door power window switch backlight power supply
16	RB06	0.5 LY	Left front loudspeaker
17	JD06A	0.75 GrW	Left Rearview mirror motor folded+
18	JD07A	0.75 V	Left Rearview mirror motor open+
19	AC02	0.35 GB	Left front power mirror switch ACC gear power supply

Arrangement of harness and plug instructions

20	BB08A	1.5 GB	Right front glass clamp power supply
21	BA12	1.G GB	Right front glass lifting motor rises
22	BC12G	0.5 GL	Left Front door warning lamp+

Connect Front door wiring harness-Left plug **B (IP02)**

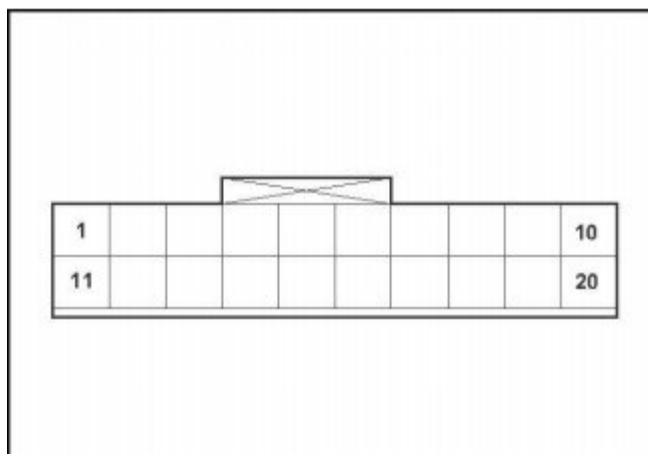


Terminals no.	Wire size	Wire diameter / color	Function
1	BE14	0.35 RY	Center control child lock switch signal
2	BD12	0.35 YB	Left front door power window switch right front glass lifting signal
3	BD11	0.35 WY	Left front door power window switch right rear glass lifting signal
4	BD06	0.35 LY	Center control lock switch signal
5	BE29C	0.35 B	Left front power window switch/ center control lock switch grounding
6	BD13	0.35 BrR	Left front door power window switch left front glass lifting signal
7	BD10	0.35 GB	Left front door power window switch left rear glass lifting signal
8	BD32D	0.35 V	Glass clamp signal
9	QJ10	0.35 GW	Left camera power supply +
10	QJ11	0.35 BrW	Left camera video signal
11	QJ30	0.35 O	Left camera power supply
12	QJ31	0.35 W	Left camera video signal+
13	BA01	0.5 GO	Down-corner lamp grounding
14	-	-	Unused
15	-	-	Unused

Arrangement of harness and plug instructions

16	-	-	Unused
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Instrument Electrical box A (IP17)

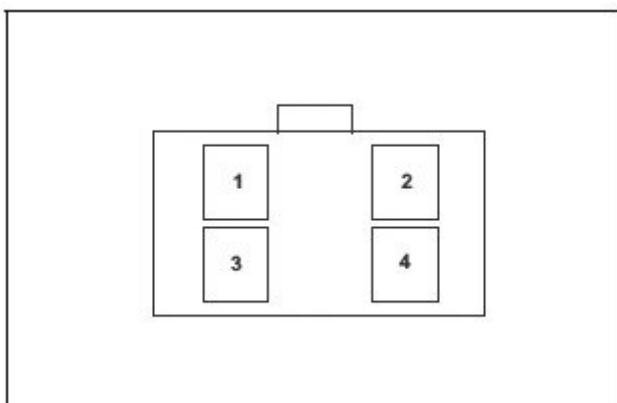


Terminals no.	Wire size	Wire diameter / color	Function
1	EB11	0.5 RY	Ignition switch
2	IG03	1.5 RY	Power supply through ON gear of fuse IF04 (to engine room Electrical box)
3	-	-	Unused
4	IP05	0.5 Br	Power supply through ON gear of fuse IF03 (to controller)
5	BE03	0.5 Br	Power supply through ON gear of fuse IF03 (to BCM and rain sensor)
6	RC07	0.35 RB	Power supply through ON gear of fuse IF03 (to camera)
7	-	-	Unused
8	IP25	0.5 RB	Power supply through ON gear of fuse IF03 (to skylight controller)
9	BT15	2.5 R	Battery power supply through fuse IF01 (to skylight controller)
10	JD03	1.5 WY	Battery power supply through fuse IF01 (to rear back door lock relay)
11	-	-	Unused
12	BC09	1.5 RY	Battery power supply through fuse IF08 (to BCM)
13	LA01	0.5 R	Power supply through ON gear of fuse IF09 (to reversing radar controller and EPB)
14	I13	0.5 Br	Power supply through ON gear of fuse IF09 (to Instrument)
15	-	-	Unused

Arrangement of harness and plug instructions

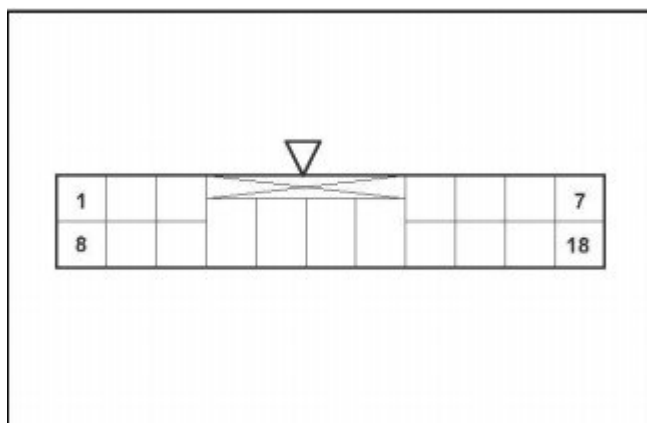
16	BT16	0.75 Y	Battery power supply through fuse IF06 (to head unit)
17	I11A	0.5 LR	Battery power supply through fuse IF07 (to instrument and PEPS controller)
18	IP06	0.5 RY	Power supply through ON gear of fuse IF02 (to gateway and tire pressure monitoring controller)
19	AL01	0.5 R	Sensor power supply
20	MC02	0.5 RY	Battery power supply

Instrument Electrical box B (IP18)



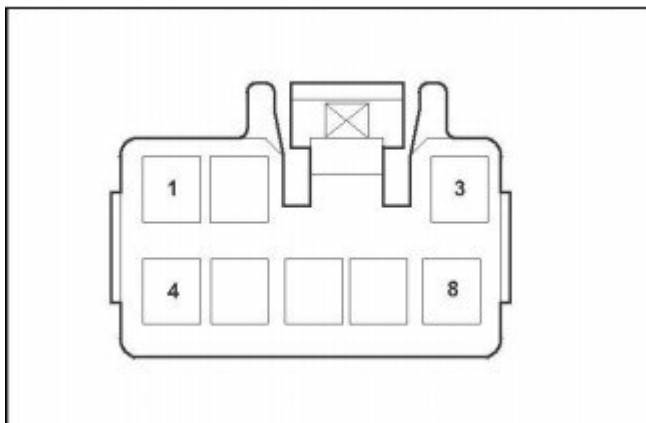
Terminals no.	Wire size	Wire diameter / color	Function
1	IG01B	1.5 R	IGN2 power supply
2	IG01A	2.5 R	IGN1 power supply
3	PA01	1.5 R	Battery power supply through fuse IF14 (to PEPS control)
4	PB06	0.5 GR	ACC relay control

Instrument Electrical box C (IP19)



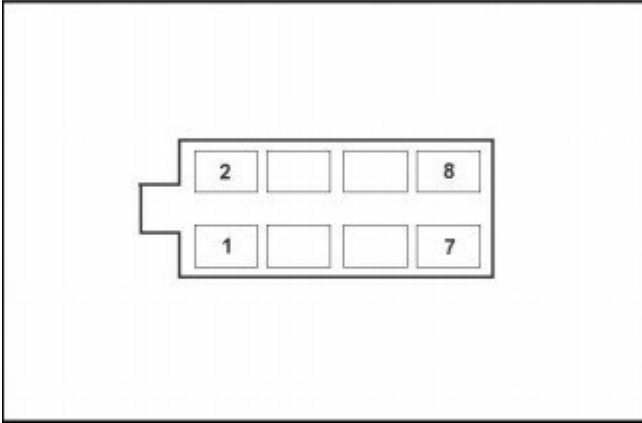
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC10A	1.5 RL	Battery power supply through fuse IF12 (to BCM and PEPS controller)
3	-	-	Unused
4	-	-	Unused
5	BT12	0.35 RY	Battery power supply through fuse IF15 (to diagnosis connector, brake switch and gateway)
6	BT20	0.35 RY	Battery power supply through fuse IF15 (to immobilizer controller)
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	BB07	2.5 RW	Battery power supply through fuse IF11 (to BCM)
12	BB06	2.5 RY	Battery power supply through fuse IF19 (to BCM)
13	BC06	2.5 RG	Battery power supply through fuse IF20 (to BCM)
14	BB08	2.5 RB	Battery power supply through fuse IF13 (to BCM)
15	G1027M	0.35 B	ACC relay grounding
16	IP16	0.5 LR	Battery power supply through fuse IF15 (to button start switch and brake switch)
17	EB26A	0.5 R	
18	Q05	0.5 Y	Power supply through ON gear of fuse IF10 (to airbag controller)

Instrument Electrical boxE (IP05)

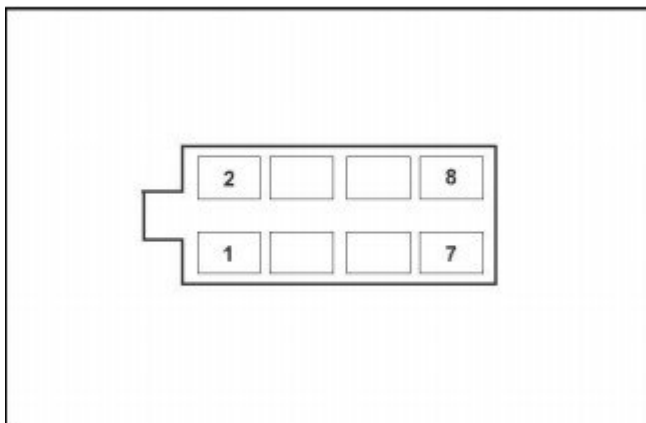


Terminals no.	Wire size	Wire diameter / color	Function
1	N09	1.5 GrR	Power supply through ACC gear of fuse IF16 (to cigar lighter)
2	PA09	0.35 GY	Power supply through ACC gear of fuse IF16 (to PEPS controller)
3	RA07	0.5 V	Power supply through ACC gear of fuse IF17 (to head unit)
4	-	-	Unused
5	BE01	0.35 GO	Power supply through ACC gear of fuse IF17 (to BCM)
6	AC02	0.35 GB	Power supply through ACC gear of fuse IF17 (to power mirror switch)
7	AC04	0.5 LG	Power supply through ACC gear of fuse IF17 (to electronic anti-dazzle rearview mirror)
8	AC03	0.35 V	Power supply through ACC gear of fuse IF17 (to vacuum pump relay/ air blower relay/headlamp washing relay)

Head unit plug A (IP45)

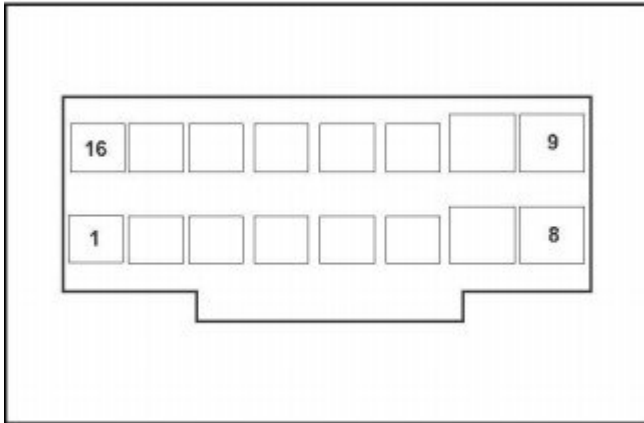


Terminals no.	Wire size	Wire diameter / color	Function
1	RA01	0.35 G	Steering wheel remote control (SWRC+)
2	RA02	0.35 W	Steering wheel remote control (SWRC-)
3	-	-	Unused
4	BT16	0.75 Y	Memory power supply (battery normally power supply)
5	RA05	0.35 RG	Automatic antenna
6	RA06	0.35 L	Backlight power supply
7	RA07	0.5 V	ACC power supply
8	G1016A	0.75 B	Grounding

Head unit plug **B (IP27)**

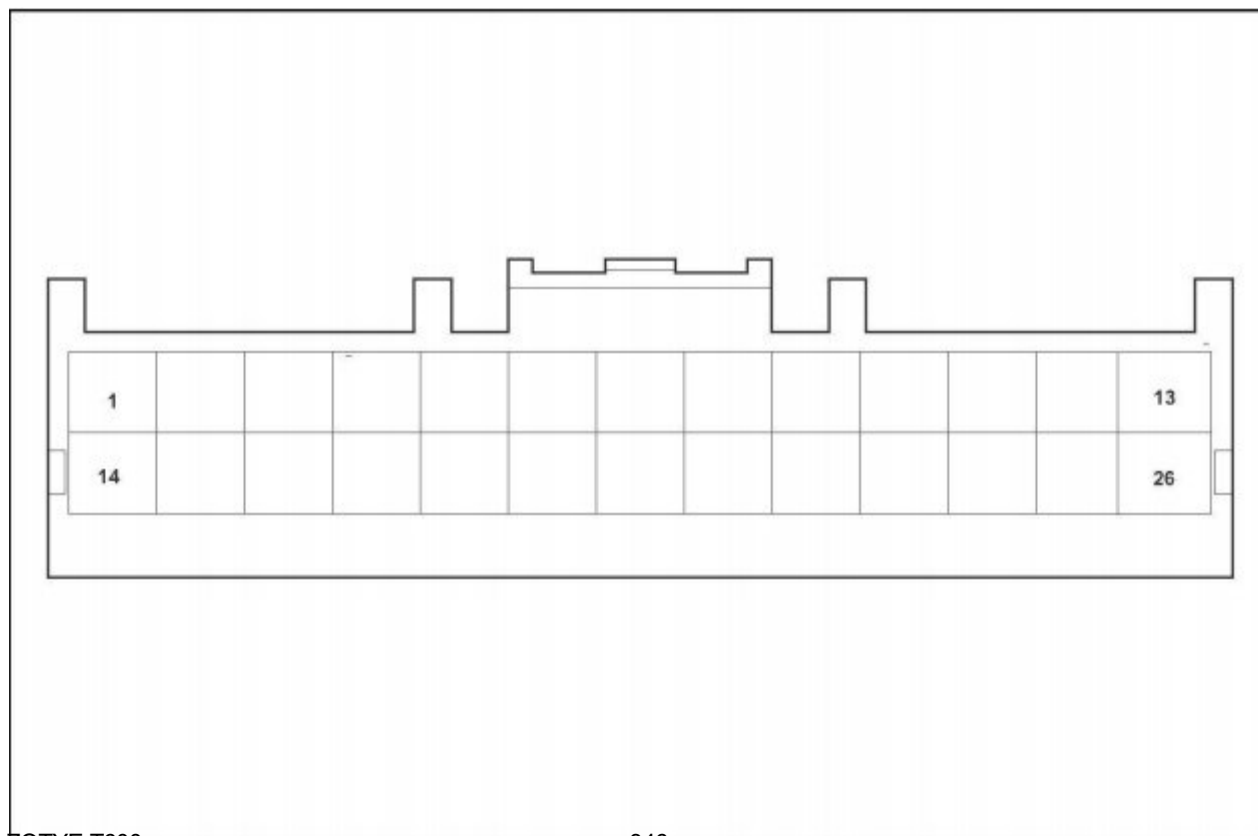
Terminals no.	Wire size	Wire diameter / color	Function
1	RB01	0.5 BrW	Right rear loudspeaker+
2	RB02	0.5 LW	Right rear loudspeaker
3	RB03	0.5 BrR	Right front loudspeaker+
4	RB04	0.5 YW	Right front loudspeaker
5	RB05	0.5 BrY	Left front loudspeaker+
6	RB06	0.5 LY	Left front loudspeaker
7	RB07	0.5 BrB	Left rear loudspeaker+
8	RB08	0.5 LB	Left rear loudspeaker

Head unit C (IP39)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	RC03	0.5 G	CAN_H
4	RC04	0.5 L	CAN_L
5	RC05	0.5 R	Camera video+
6	RC06	0.5 W	Camera video
7	-	-	Unused
8	RC08	0.35 WB	Camera grounding
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Connect Floor harness plug A (IP03)



ZOTYE T600

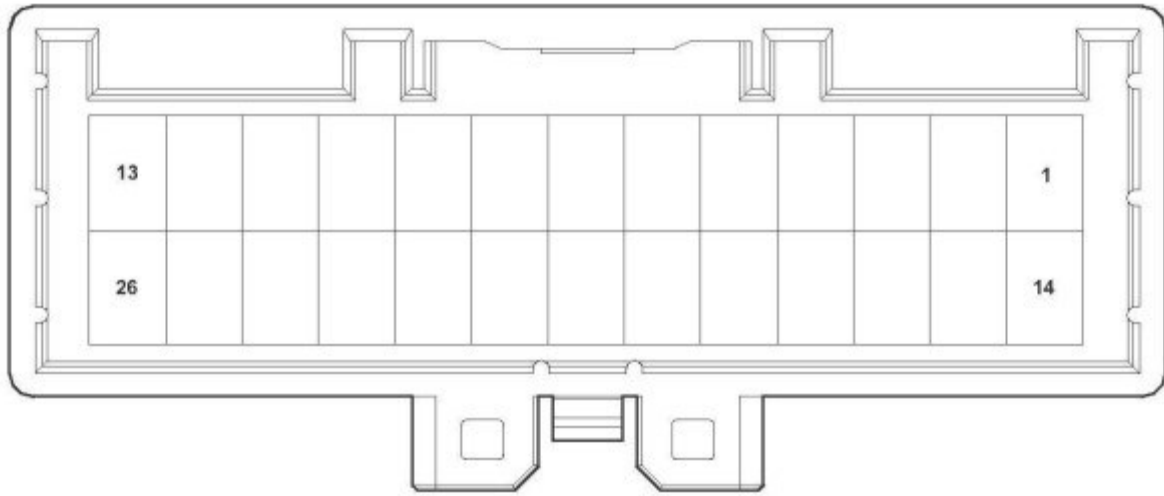
346

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01A	0.75 YB	Door lock motor interlocks+
2	I18A	0.5 YW	Parking brake switch signal
3	BE29F	0.35 BW	BCM signal
4	IP06B	0.5 RY	Tire pressure monitoring ON gear power supply
5	AL01	0.5 R	Rear vehicle height sensor ON power supply
6	BC02B	0.5 LW	Left steering lamp power supply
7	BA02	0.5 GrR	Trunk lamp power supply
8	BB02D	0.75 WB	Door lock motor unlocked +
9	I19	0.35 GR	Driver safety belt switch signal
10	I21	0.35 WB	Fuel pump oil level signal
11	I05	0.5 G	Oil level sensor gear
12	BC03B	0.5 GB	Clearance lamp+
13	BE17	0.35 Br	Left rear door lock state switch
14	BD07	0.35 YB	Left rear door power window switch

Arrangement of harness and plug instructions

15	RB07	0.5 BrB	Left rear loudspeaker+
16	RB08	0.5 LB	Left rear loudspeaker
17	BA08	1.5 RY	Left rear window motor rises+
18	BA07	1.5 RW	Left rear window motor falls+
19	58F	0.5 L	Left rear door power window switch backlight power supply
20	BC12F	0.35 GL	Battery power saving output
21	BE20	0.35 BrY	Back-up door lock state switch
22	JD05	0.75 Br	Rear wiper power supply
23	BD18	0.75 GrB	Rear wiper stop signal
24	BC04	0.5 YB	Brake lamp+
25	JD04	0.75 W	Back door unlock motor+
26	BE04	0.35 BrW	Back-up door open switch signal

Connect Floor harness plug E (IP37)



ZOTYE T600

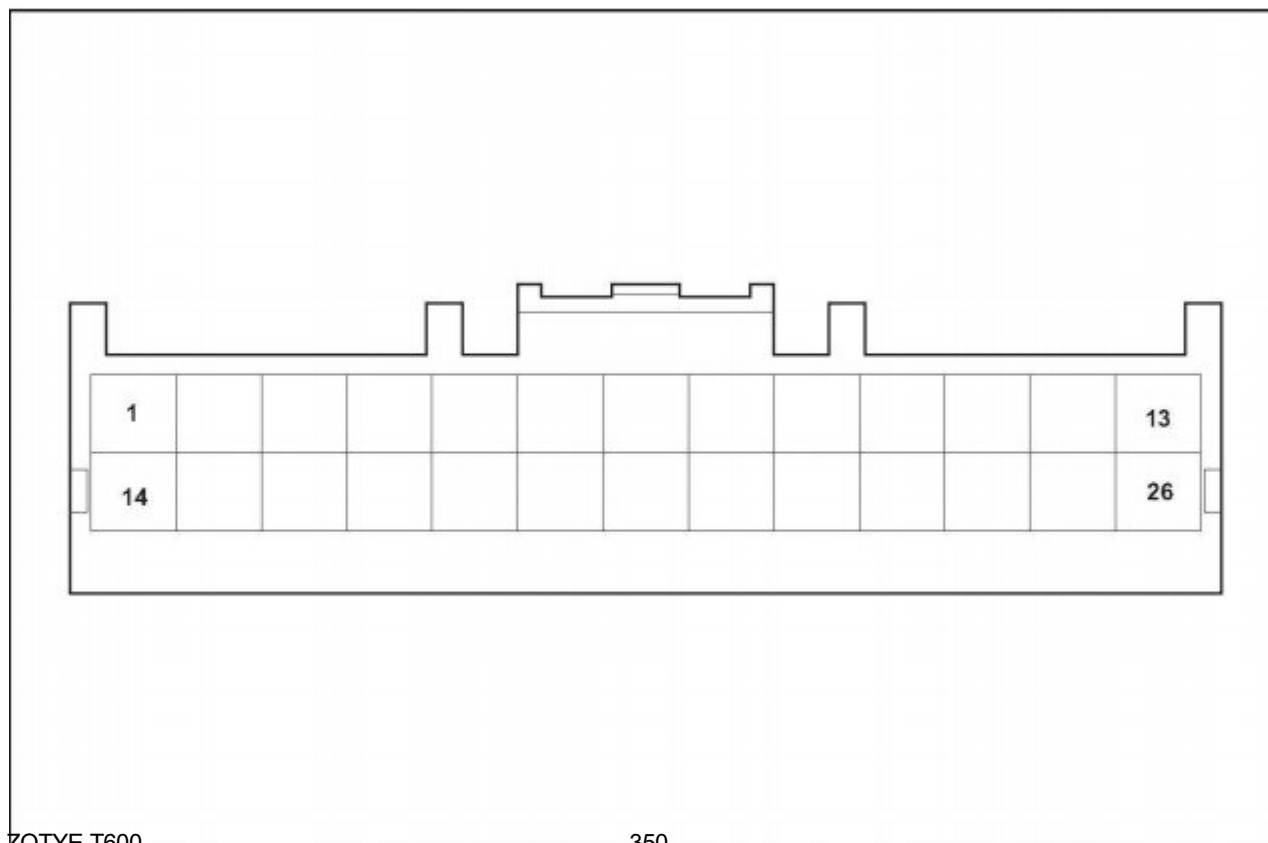
348

Terminals no.	Wire size	Wire diameter / color	Function
1	LA09	0.35 RB	Blind spot detection system switch LED drive end
2	-	-	Unused
3	-	-	Unused
4	LA11	0.5 RY	Front radar switch signal
5	BD32C	0.35 V	Rear door glass clamp signal
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused

Arrangement of harness and plug instructions

15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	-	-	Unused
21	-	-	Unused
22	-	-	Unused
23	BB06A	2.5 RY	Rear door glass clamp power supply
24	-	-	Unused
25	EB11	0.5 RY	Ignition switch
26	EB26	0.5 R	Control circuit power supply

Connect floor harness plug C (IP38)



ZOTYE T600

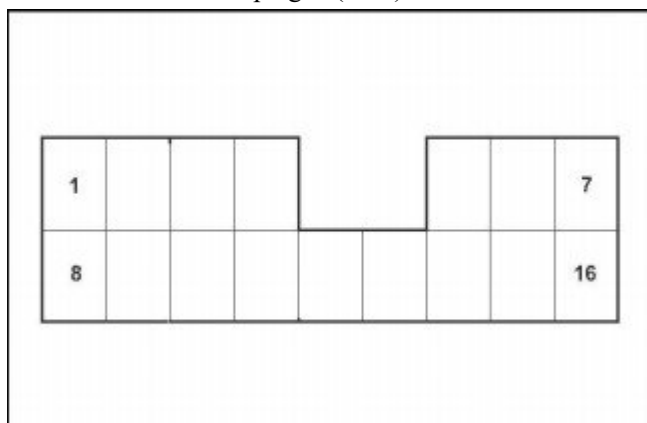
350

Terminals no.	Wire size	Wire diameter / color	Function
1	BD08	0.35 GL	Right rear door power window switch signal
2	RB01	0.5 BrW	Right rear loudspeaker+
3	RB02	0.5 LW	Right rear loudspeaker
4	I07	0.35 BrG	Passenger gravity sensor signal
5	R01	0.5 G	Camera CAN_H
6	R02	0.5 L	Camera CAN_L
7	RC05	0.5 WR	Camera video+
8	RC06	0.5 W	Camera video
9	RC07	0.35 RB	Camera ON gear power supply
10	RC08	0.35 WB	Camera
11	RA05	0.35 RG	Antenna
12	BB09	1.5 YG	Right rear glass lifting motor rises+
13	BB10	1.5 Y	Right rear glass lifting motor falls+
14	BC01B	0.5 LY	Right rear steering lamp+

Arrangement of harness and plug instructions

15	PC10	0.35 V	Rear row antenna inductance end
16	PC04	0.35 WB	Rear row antenna capacity end
17	PC08	0.35 WR	Front row antenna inductance end
18	PC02	0.35 YB	Front row antenna capacity end
19	BC08	0.75 LR	Rear fog lamp+
20	I22A	0.5WL	Reverse signal
21	I24	0.35 YB	Reverse clock signal
22	I23	0.35 Y	Reverse alarm signal
23	LA01	0.5 R	reversing radar controller ON gear power supply
24	BE18	0.35 GR	Right rear door lock state switch signal
25	I08	0.35 BrW	Passenger safety belt switch signal
26	N16	2.5 RW	Antenna amplifier+

Connect Floor harness plug **D (IP40)**

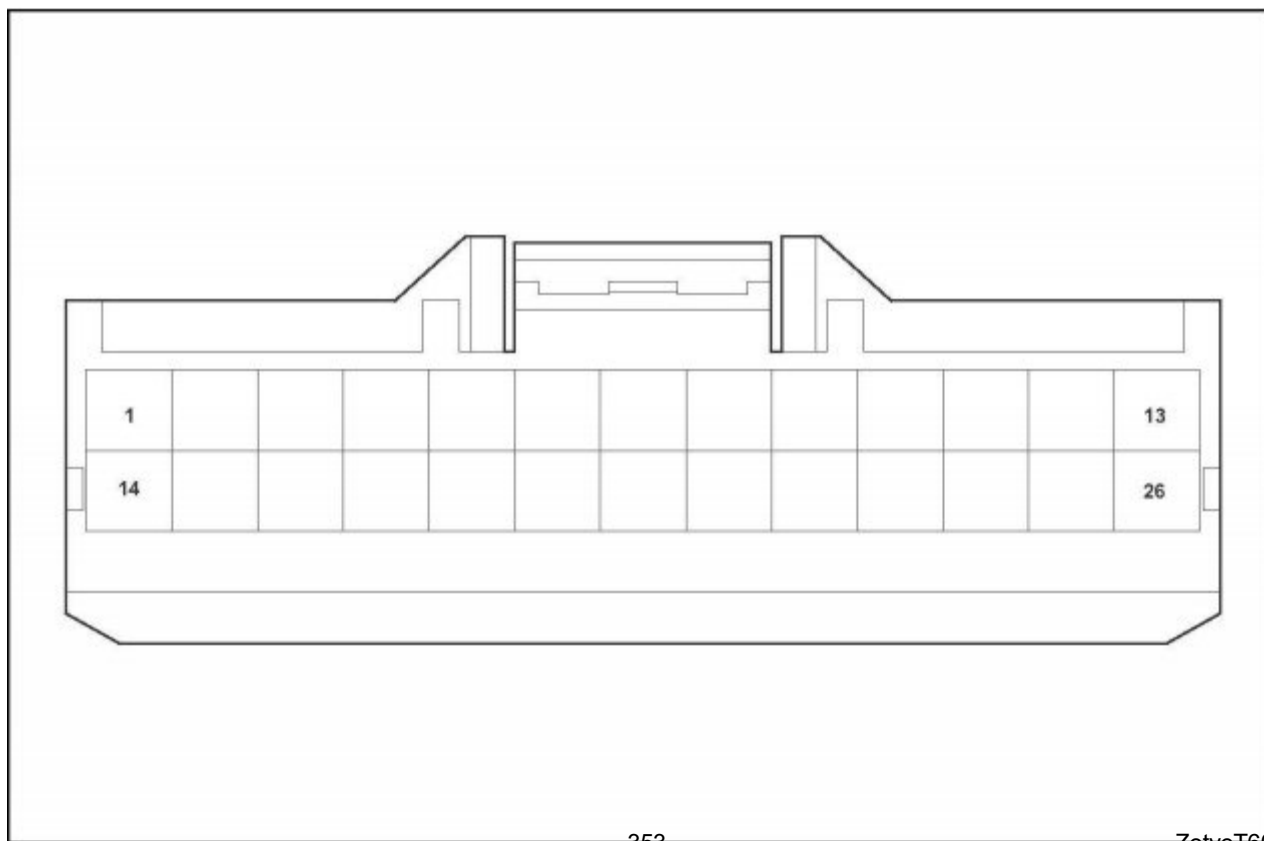


Terminals no.	Wire size	Wire diameter / color	Function
1	Q02	0.35 BY	Passenger airbag
2	Q01	0.35 OG	Passenger airbag+
3	Q16	0.35 LR	Passenger seat belt pre-tensioner
4	Q17	0.35 GY	Passenger seat belt pre-tensioner+
5	Q28	0.35 OG	Right side collision sensor
6	Q23	0.35 GO	Lift side air curtain
7	Q22	0.35 LW	Lift side air curtain+

Arrangement of harness and plug instructions

8	Q04	0.35 WL	Driver side airbag +
9	Q03	0.35 Lg	Driver side airbag
10	Q14	0.35 YB	Driver seat belt pre-tensioner
11	Q13	0.35 Y	Driver seat belt pre-tensioner+
12	Q26	0.35 Br	Left side collision sensor +
13	Q27	0.35 BrB	Left side collision sensor
14	Q29	0.35 O	Right side collision sensor +
15	Q24	0.35 WB	Right side air curtain
16	Q25	0.35 GR	Right side air curtain+

Connect Engine room wiring harness plug A (IP26)



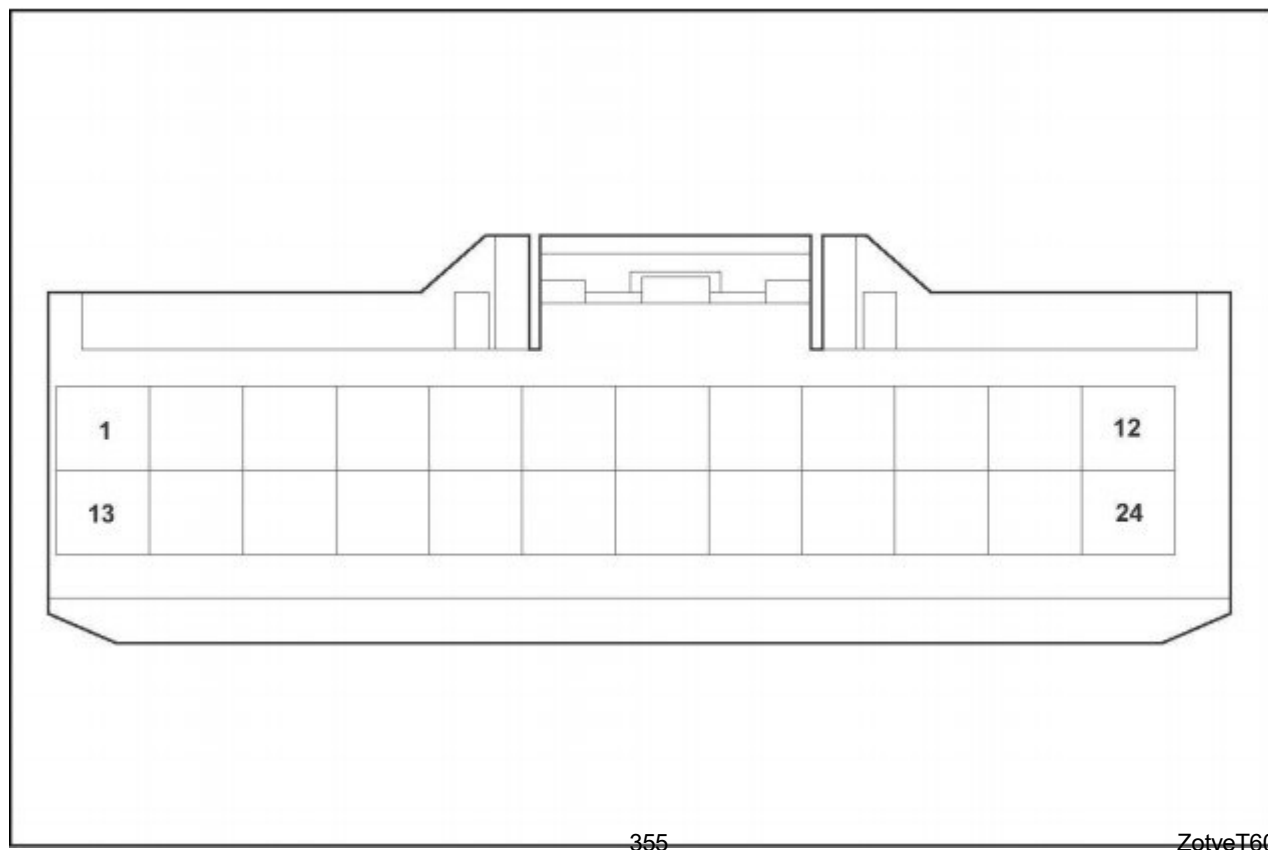
353

ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BB04	1.5 V	Front wiper motor low speed+
2	BB03	1.5 G	Horn+
3	K11	2.5 R	Air blower+
4	K04	0.5 G	Air blower relay control line
5	JD06	0.75 GrW	Rearview mirror motor folded+
6	JD07	0.75 V	Rearview mirror motor open+
7	BT05	2.5 R	Ignition switch battery power supply
8	JD014	0.75 WY	Rear wiper relay battery power supply
9	JD016	2.5 RB	Rear defrosting relay battery power supply
10	BB05	1.5 G	Front wiper motor high speed+
11	I26	0.35 BrL	Brake fluid level switch signal
12	PA07	0.5 YB	Brake switch normally open signal
13	AC14	0.35 L	CAN_L
14	-	-	Unused

Arrangement of harness and plug instructions

15	IG03	1.5 RY	Power supply through ON gear of fuse IF14 (to ABS/ESC controller and air condition pressure switch)
16	M74B	0.35 YG	Clutch switch signal
17	LA10A	0.5 YB	Back-up switch signal
18	PB03	0.5 GrB	Starter relay control line
19	-	-	Unused
20	A28	0.5RY	Rotating angle sensor ON gear power supply
21	IP16	0.5 LR	Brake switch normally closed end battery power supply
22	PA20	0.35 YR	Brake switch normally closed signal
23	I16	0.35 W	Charging indicator
24	I09	0.35 GrB	Engine oil pressure switch signal
25	K09	B 0.35	Outdoor temperature sensor
26	AC26	0.35 G	CAN_H

Connect Engine room wiring harness plug **B (IP24)**

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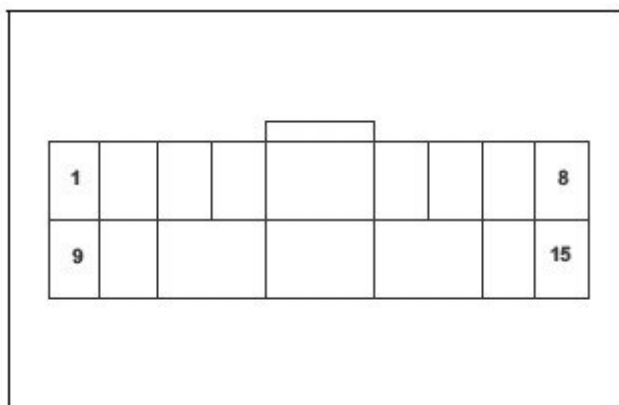
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BD28	0.5 LO	Electronic rearview mirror open relay control line
2	BD27	0.5 GrG	electronic rearview mirror folded relay control line
3	MC02	0.5 RY	Battery power supply
4	BT25	0.5 RL	Brake switch normally open end signal
5	AC03	0.35 V	Power supply through ACC gear of fuse IF17
6	A12	0.5 R	ESC switch signal
7	BC11	0.5 YL	Washmotor rear washing+
8	BD24	0.5 Y	Daytime running lamp relay control line
9	BD16	0.35 VW	Front fog lamp relay control line
10	MC58	0.35 YB	Sensor control
11	PA08	0.35 GB	Starting current feedback signal
12	BC05	0.5 LY	Washmotor front washing+
13	AL11	0.35 BrG	Front vehicle height sensor ON gear power supply
14	K01	0.35 V	Outdoor temperature sensor +

Arrangement of harness and plug instructions

15	BD15	0.35 R	Low beam relay control line
16	BD14	0.35 P	High beam relay control line
17	MC49D	0.35 Y	Reference voltage grounding
18	BC03A	0.5 GB	Front clearance lamp power supply
19	BC02A	0.5 LW	Front left steering lamp power supply
20	BC01A	0.5 LY	Front right steering lamp power supply
21	BE19	0.35 GrR	Engine room contact switch signal
22	M17	0.35 V	Engine ECU diagnosis K line
23	BD30	0.5 Y	Headlamp washmotor relay control line
24	BE24	0.35 GW	Front wiper motor return signal

Connect **HVAC harness**-automatic air conditioning system (**IP49**)

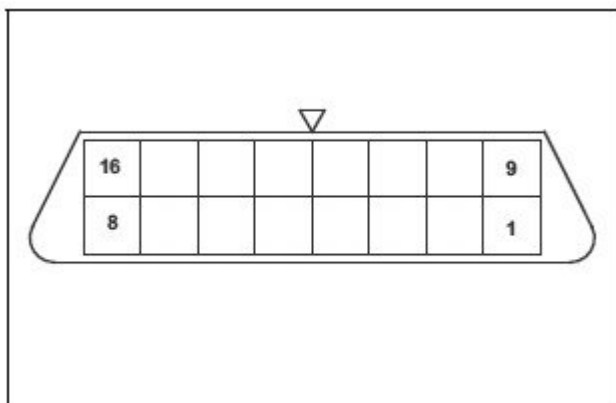


Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Outdoor temperature sensor signal
2	JR06	0.35 W	Driver heating control
3	JR16	0.35 W	Passenger heating control
4	K04	0.5 G	Air blower relay control
5	58H	0.5 L	Air conditioning controller backlight power supply
6	-	-	Unused
7	G1015B	0.5 B	Air conditioning controller grounding
8	K8	0.5 G	CAN_H
9	K09	0.35 B	Outdoor temperature sensor

Arrangement of harness and plug instructions

10	K10	0.5 LR	Rear defrost signal
11	K11	2.5 R	Air blower power supply
12	IP05	0.5 Br	Air conditioning controller power supply
13	-	-	Unused
14	-	-	Unused
15	K15	0.5 L	CAN_L

Diagnosis connector (IP20)

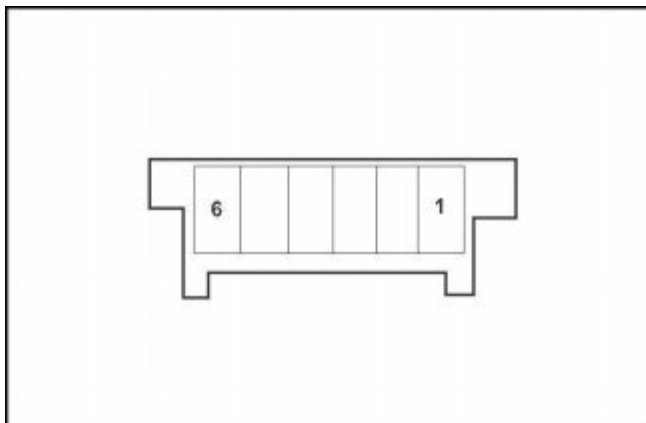


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	-	-	Unused
4	G1027H	0.35 B	Grounding
5	G1027K	0.35 B	Grounding
6	OC06	0.35 G	CAN2_H
7	M71	0.35 V	Engine ECU diagnosis K line
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused

Arrangement of harness and plug instructions

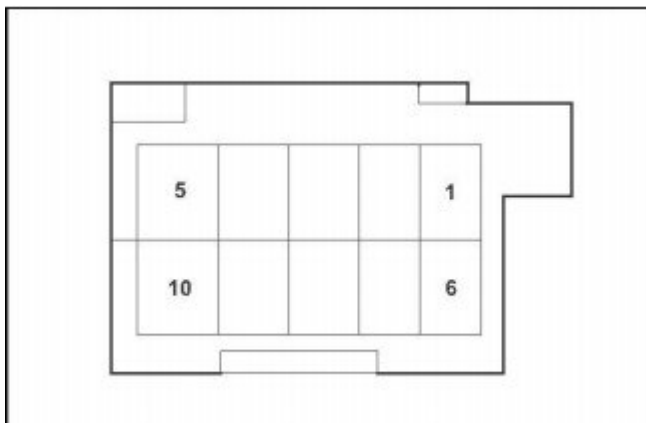
14	OC14	0.35 L	CAN2_L
15	-	-	Unused
16	BT12	0.35 RY	Battery 12V power supply

Rotating angle sensor (IP15)



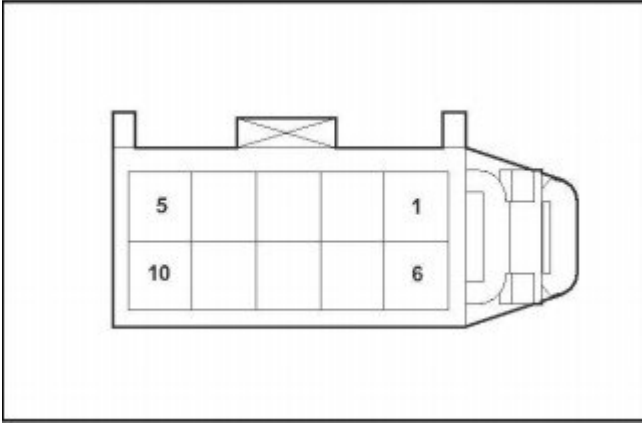
Terminals no.	Wire size	Wire diameter / color	Function
1	SA01	0.5 L	CAN_L
2	SA02	0.5 G	CAN_H
3	A28	0.5 RY	Battery power supply
4	G1015I	0.5 B	Grounding
5	-	-	Unused
6	-	-	Unused

Combination switch lighting control (IP10)



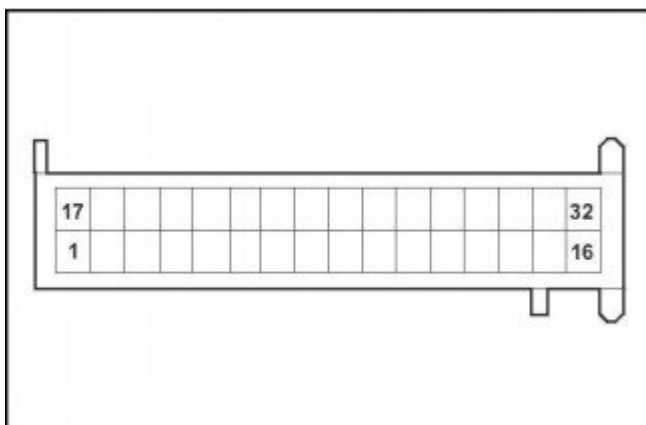
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BE05	0.35 GW	Clearance lamp/ low beam/ automatic headlamp switch signal
4	BE07	0.35 BL	Flash lamp/ high beam/ switch signal
5	BE11	0.35 RW	Steering lamp switch signal
6	-	-	Unused
7	BE29A	0.35 B	Grounding
8	BE10	0.35 BrR	Rear fog lamp switch signal
9	-	-	Unused
10	BE09	0.35 BrB	Front fog lamp switch signal

Combination switch wiper washing control (IP12)



Terminals no.	Wire size	Wire diameter / color	Function
1	BD03	0.35 LgR	Front wiper 2 switch signal
2	BD02	0.35 WG	Front wiper 1 switch signal
3	BE29B	0.35 B	Grounding
4	BE26	0.35 GrG	Front washing switch signal
5	-	-	Unused
6	-	-	Unused
7	BE22	0.35 WL	Rear wiper 1 switch signal
8	-	-	Unused
9	BE23	0.35 YB	Rear wiper 2 switch signal
10	BD04	0.35 RL	front wiper regulation signal

Combination instrument (IP09)

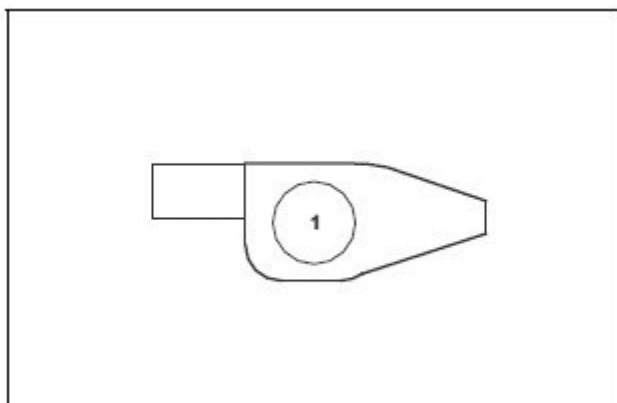


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	G1016	0.5 B	Power supply
4	-	-	Unused
5	I05	0.5 G	Oil level sensor
6	-	-	Unused
7	I07	0.35 BrG	Passenger gravity sensor
8	I08	0.35 BrW	Passenger safety belt switch
9	I09	0.35 GrB	Engine oil pressure switch
10	-	-	Unused
11	I11	0.5 LR	Battery 12V power supply
12	-	-	Unused
13	I13	0.5 Br	Ignition switch ON gear power supply
14	-	-	Unused
15	-	-	Unused
16	I16	0.35 W	Engine charging indicator
17	58G	0.5 L	Backlight power supply
18	I18	0.35 YW	Parking brake switch
19	I19	0.35 GR	Driver safety belt switch
20	-	-	Unused

Arrangement of harness and plug instructions

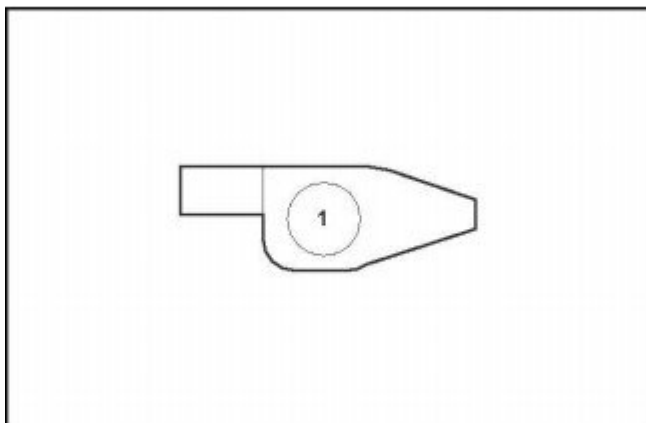
21	I21	0.35 WB	Fuel sensor oil level signal
22	I22	0.5 WL	Back-up switch signal
23	I23	0.35 Y	Reversing radar alarm signal
24	I24	0.35 YB	Reversing radar time signal
25	-	-	Unused
26	I26	0.35 BrI	Brake fluid level switch
27	-	-	Unused
28	I28	0.35 BW	Speed signal (to skylight)
29	IC29	0.35 L	CAN_L
30	IC30	0.35 G	CAN_H
31	-	-	Unused
32	BD17	0.35 GrL	BCM vehicle immobilizer indicator

Bonding 11 (G1011) (IP23)



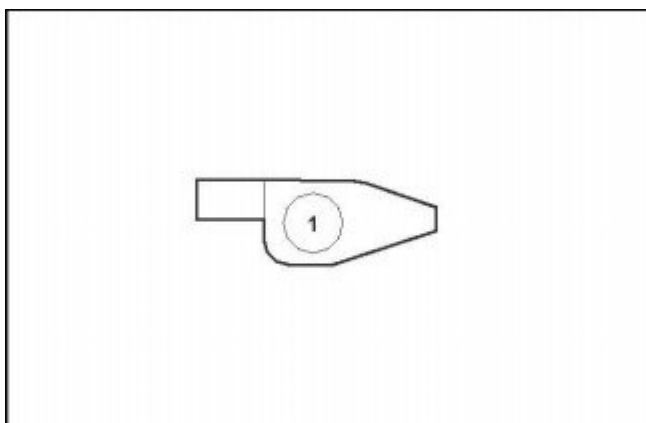
Terminals no.	Wire size	Wire diameter / color	Function
1	G1011	2.5 B	Refer to “grounding location, function and distribution”
	G1011A	1.5 B	
	BA03	2.5 B	

Bonding 27 (G1027) (IP25)



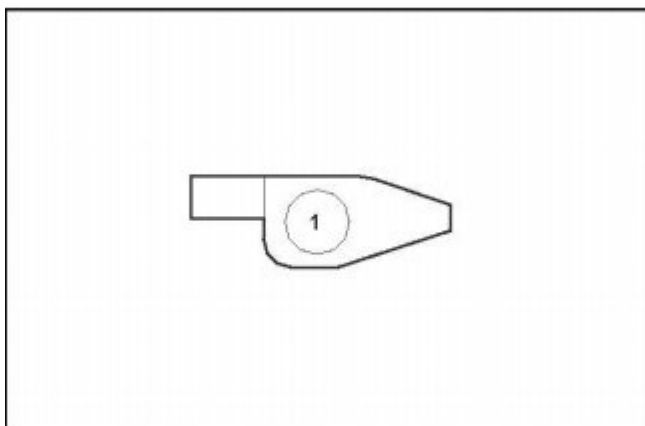
Terminals no.	Wire size	Wire diameter / color	Function
1	G1027M	0.35 B	Refer to “grounding location, function and distribution”
	G1027K	0.35 B	
	G1027H	0.35 B	
	G1027G	0.5 B	
	G1027A	0.5 B	
	G1027	0.5 B	
	G1027D	0.5 B	
	G1027P	0.5 B	
	G1027R	0.5 B	

Bonding 18 (G1018) (IP43)



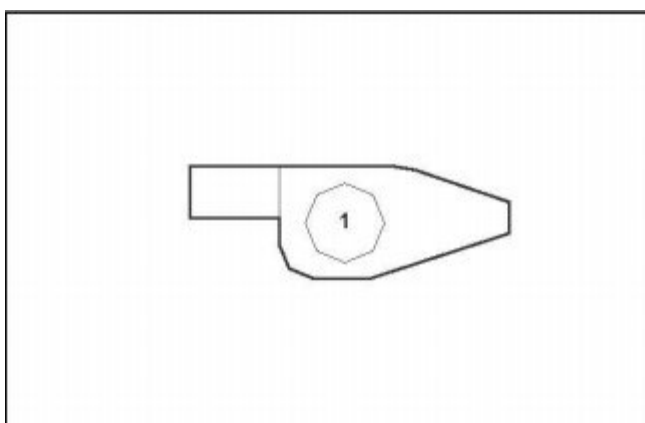
Terminals no.	Wire size	Wire diameter / color	Function
1	G1018	0.5 RB	Refer to “grounding location, function and distribution”

Bonding 15 (G1015) (IP35)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1015	0.5 B	Refer to “grounding location, function and distribution”
	G1015A	0.5 B	
	G1015B	0.5 B	
	G1015C	0.35 B	
	G1015D	0.5 B	
	G1015E	0.5 B	
	G1015F	0.35 B	
	G1015G	0.5 B	

Bonding 16 (G1016) (IP36)

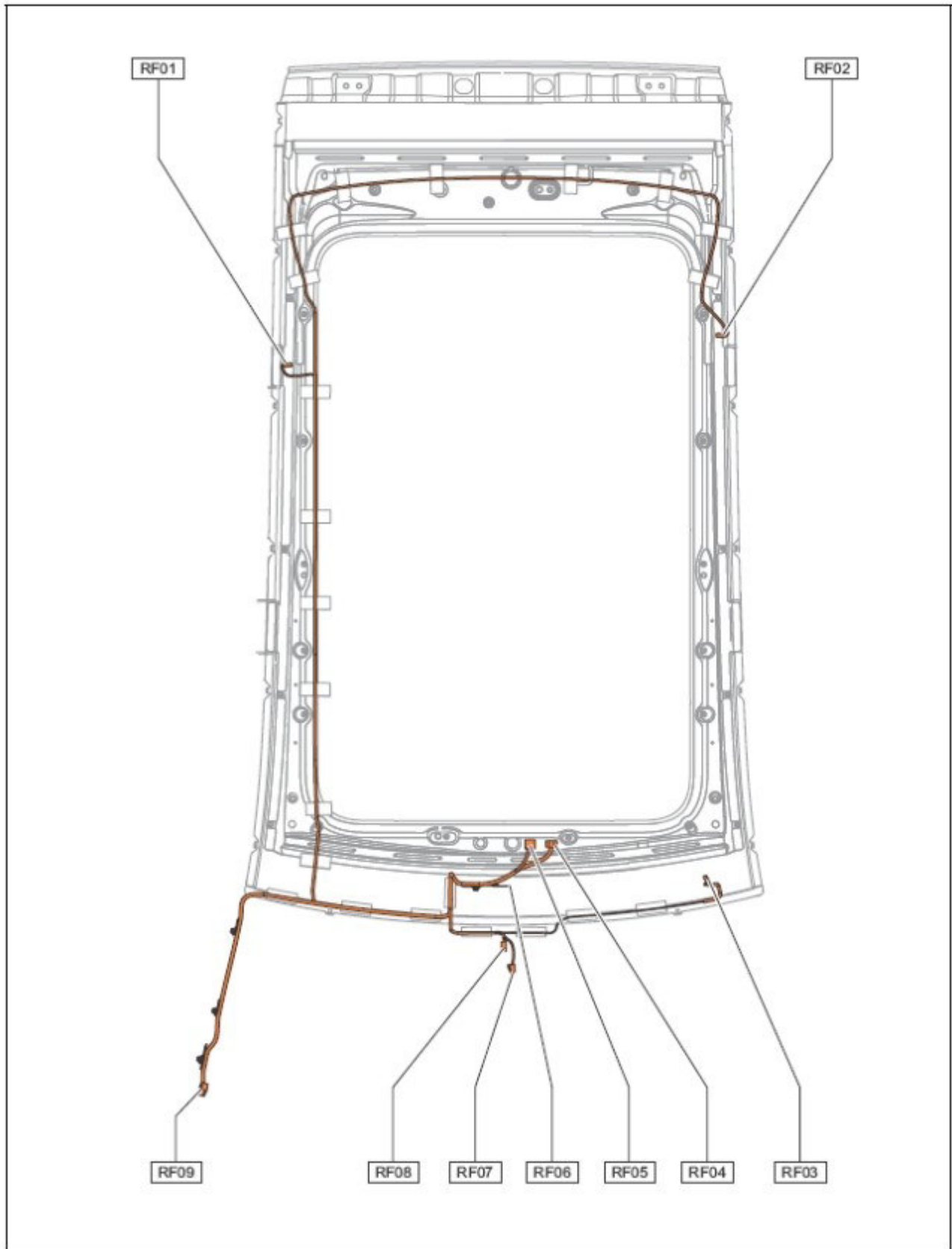


Terminals no.	Wire size	Wire diameter / color	Function
1	G1016	0.5 B	Refer to “grounding location, function and distribution”
	G1016A	0.75 B	

Arrangement of harness and plug instructions

	G1016B	0.5 B	
	G1016C	0.5 B	
	G1016F	1.5 B	

Roof harness

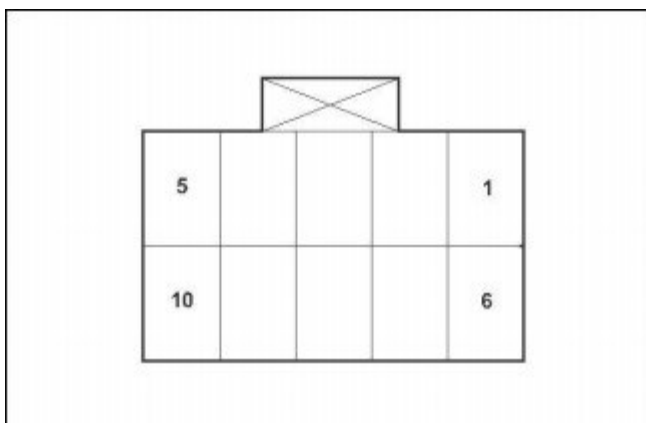


Roof harness plug definition

Plug code	Connected electrical equipment
RF01	Left rear top light
RF02	Right rear top light
RF03	Passenger make-up mirror lamp
RF04	Front top light
RF05	Skylight controller
RF06	Bonding (G1018)
RF07	Rain Sensor
RF08	Electronic auto-dimming inside rearview mirror
RF09	Connect instrument panel wiring harness

Roof harness plug Description

Skylight controller (RF05)

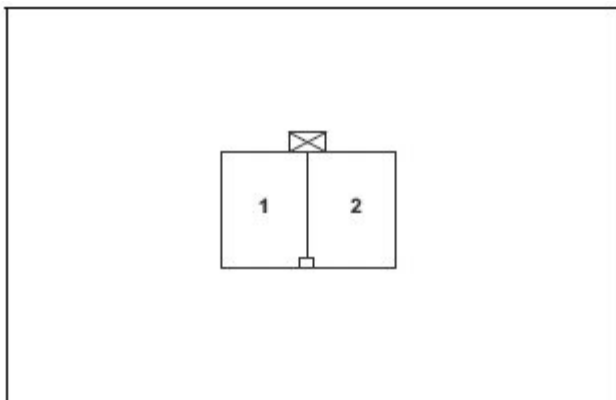


Terminals no.	Wire size	Wire diameter / color	Function
1	G1018B	2.5 B	Power supply
2	N11	0.35 G	Skylight open signal
3	N08	0.35 GW	Skylight close signal
4	I28	0.35 BY	Speed signal
5	BT15C	2.5 R	Battery 12V power supply
6	IP25D	0.5 RY	Ignition switch ON gear power supply
7	N12	0.35 GY	Sunshade open signal

Arrangement of harness and plug instructions

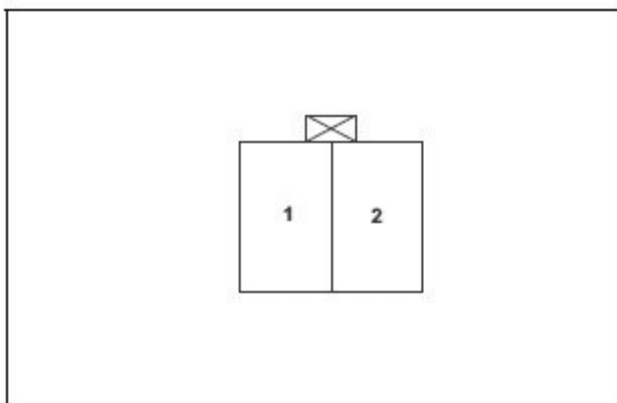
8	N13	0.35 L	Sunshade close signal
9	-	-	Unused
10	G1018A	0.5 B	Signal

Electronic auto-dimming inside Rearview mirror (RF08)



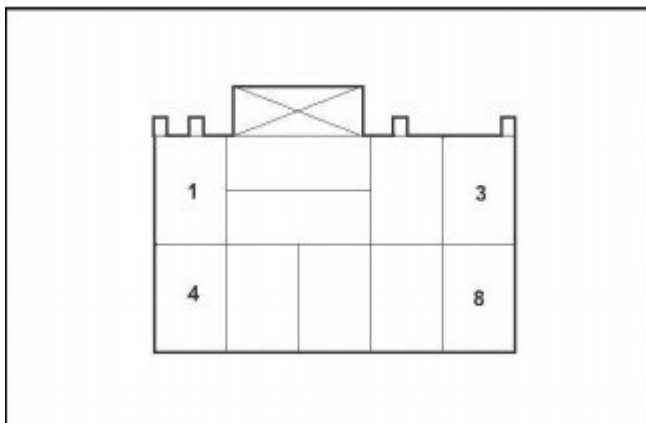
Terminals no.	Wire size	Wire diameter / color	Function
1	AC04B	0.35 V	Ignition switch ACC gear power supply
2	G1018I	0.35 B	Grounding

Passenger make-up mirror lamp (RF03)



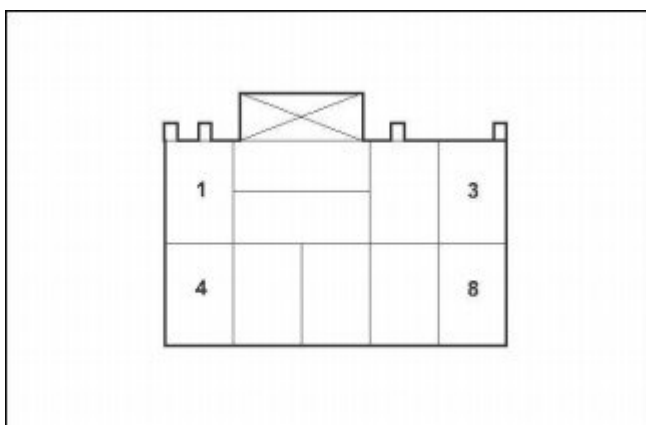
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12H	0.35 W	Power supply energy saving output
2	G1018H	0.5 B	Lamps grounding

Front top light (RF04)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC12B	0.5 W	Battery power saving output
2	N11	0.35 G	Skylight open signal
3	N08	0.35 GW	Skylight close signal
4	N12	0.35 GY	Sunshade open signal
5	N13	0.35 L	Sunshade close signal
6	G1018C	0.5 B	Grounding
7	G1018D	0.5 B	Switch grounding
8	BA01	0.5 GO	Top light power supply output

Connect Instrument panel wiring harness (RF09)

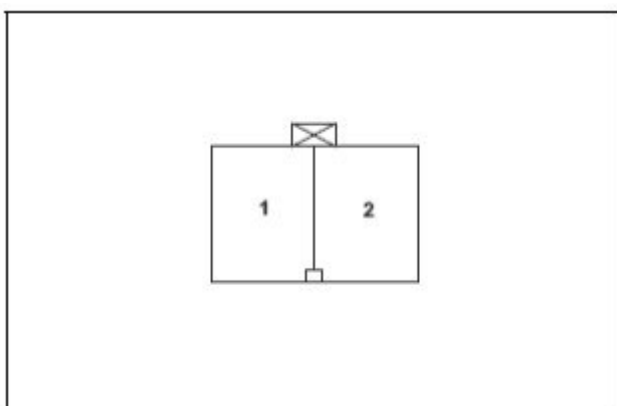


Terminals no.	Wire size	Wire diameter / color	Function
1	I28	0.35 BY	Speed signal (to skylight)
2	BT15C	2.5 R	Skylight controller battery power supply

Arrangement of harness and plug instructions

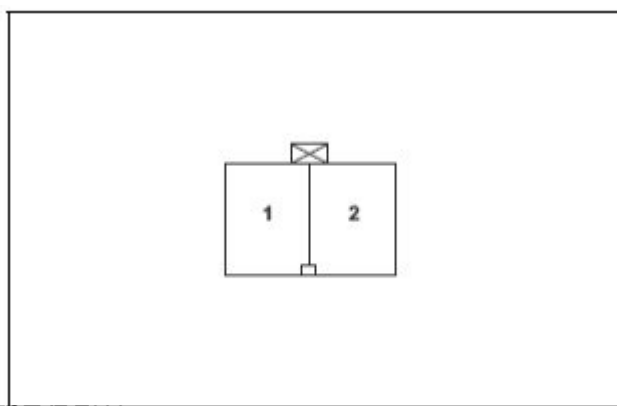
3	IP25D	0.5 RY	Skylight controller and rain sensor ON gear power supply
4	-	-	Unused
5	AC04	0.5 V	Electronic anti-dazzle rearview mirror ACC power supply
6	BD31	0.35 Br	Rain sensor signal
7	BA01	0.5 GO	Dome lamp power supply
8	BC12A	0.5 W	Battery power saving output

Right rear top light (RF02)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1018E	0.35 B	Grounding
2	BC12D	0.35 W	Rear top light power supply

Left rear top light (RF01)



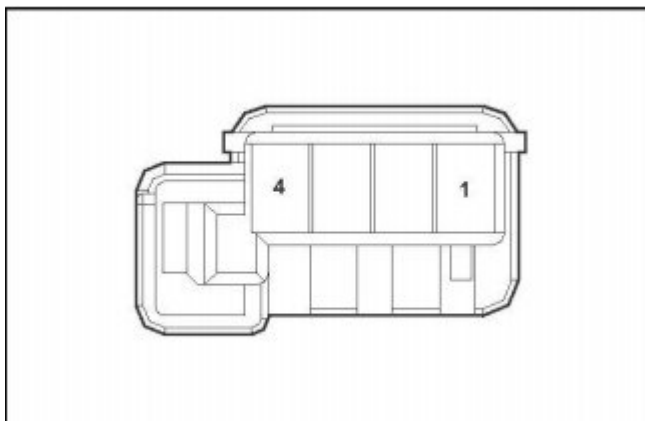
ZOTYE T600

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Terminals no.	Wire size	Wire diameter / color	Function
1	G1018F	0.35 B	Grounding

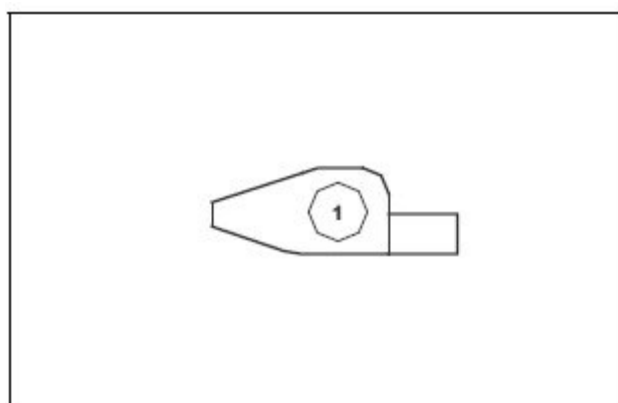
2	BC12C	0.35 W	Rear top light power supply
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Rain sensor (RF07)



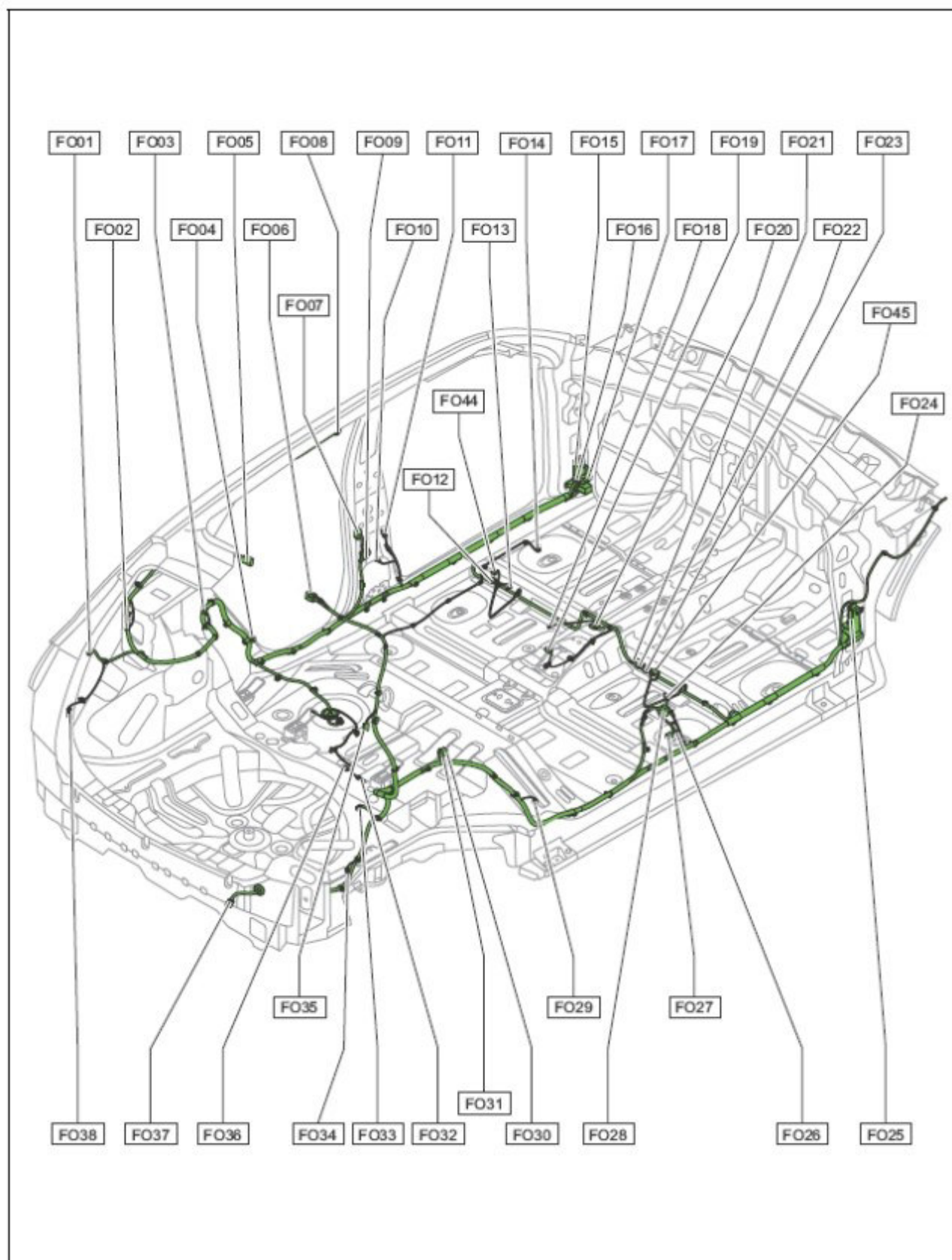
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BD31	0.35 Br	Rain sensor signal
3	G1018G	0.5 B	Sensor grounding
4	IP25D	0.5 RY	Rain sensor ON gear power supply

Bonding (RF06)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1018	2.5 B	Refer to the “grounding point function and distribution”

Floor harness-Positive



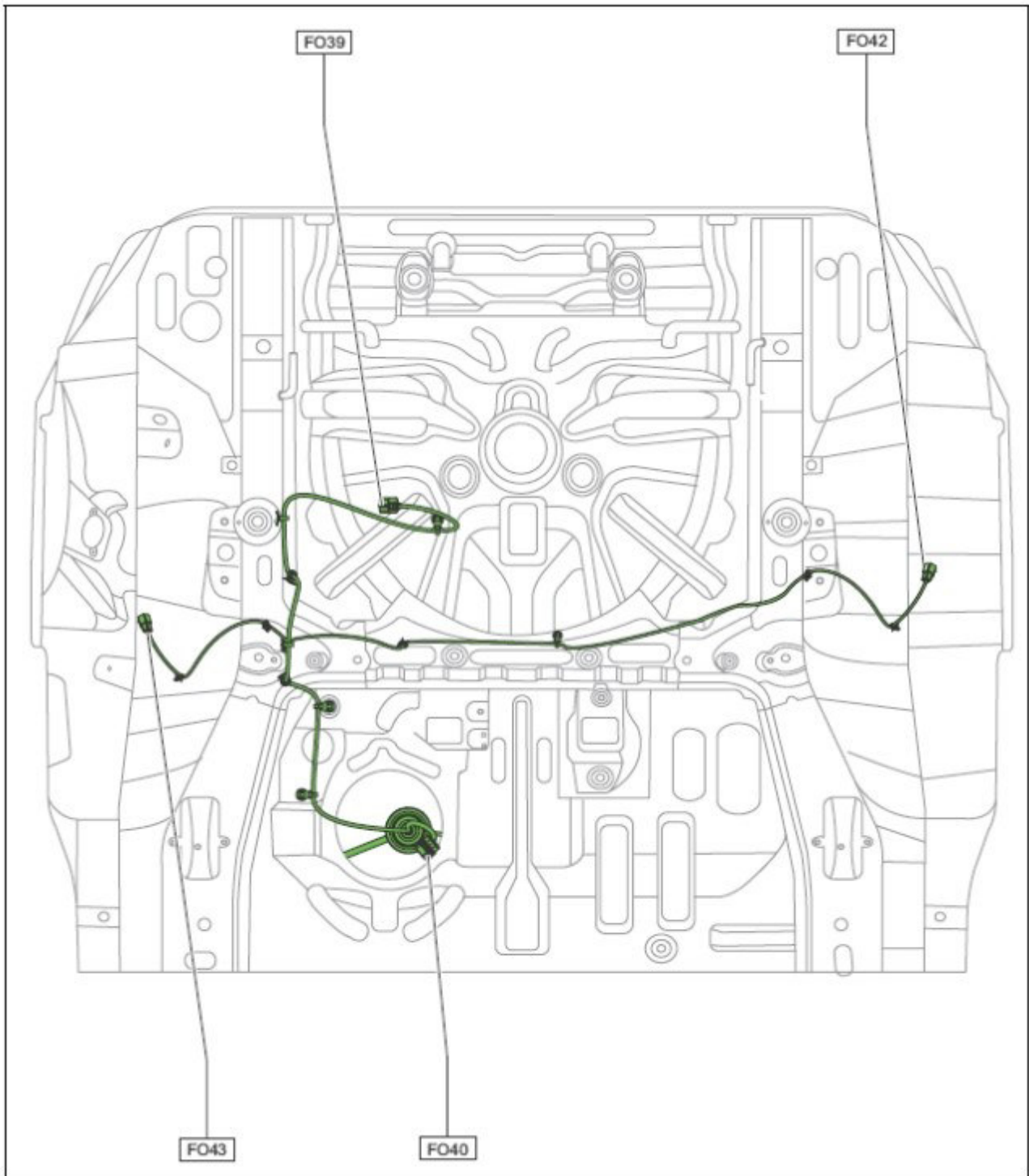
Floor harness-Positive plug definition

Plug code	Connected electrical equipment
FO01	Left rear combination lamp (fixed end)
FO02	Trunk lamp
FO03	Tire pressure monitoring module
FO04	Left rear wheel speed sensor
FO05	Connect rear back door left harness
FO06	Connect rear back door right harness
FO07	Connect rear door wiring harness-left
FO08	Lift side air curtain
FO09	Driver side collision sensor
FO10	Driver seat belt pre-tensioner
FO11	Bonding 1(G1020)
FO12	Driver side airbag
FO13	Driver safety belt switch
FO14	Right side air curtain
FO15	Connect instrument panel wiring harness plug A
FO16	Connect engine room wiring harness
FO17	Connect instrument panel wiring harness plug B
FO18	Parking brake switch
FO19	Indoor front row low-frequency antenna
FO20	Connect instrument panel wiring harness plug D
FO21	Passenger safety belt switch
FO22	Passenger seat gravity sensor
FO23	Passenger airbag
FO24	Bonding 2 (G1022)
FO25	Connect instrument panel wiring harness plug C
FO26	Passenger seat belt pre-tensioner
FO27	Passenger collision sensor

Arrangement of harness and plug instructions

FO28	Connect rear door wiring harness-Right
FO29	Right rear wheel speed sensor
FO30	Reversing radar controller plug B
FO31	Reversing radar controller plug A
FO32	Bonding 3 (G1023)
FO33	Right rear combination lamp (fixed end)
FO34	Bonding 5 (G1025)
FO35	Antenna amplifier
FO36	Indoor rear row low-frequency antenna
FO37	Rear bumper harness
FO38	Bonding 4 (G1024)
FO44	Driver power seat
FO45	Passenger power seat

Floor harness-back

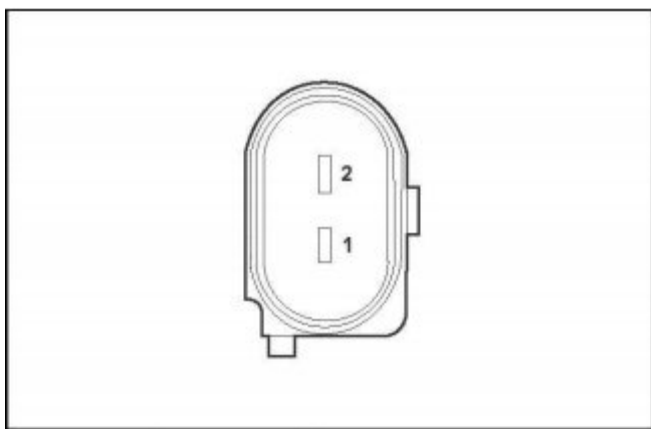


Floor harness-back plug definition

Plug code	Connected electrical equipment
FO39	Rear vehicle height sensor
FO40	Fuel pump
FO42	Right side parking brake motor
FO43	Left side parking brake motor

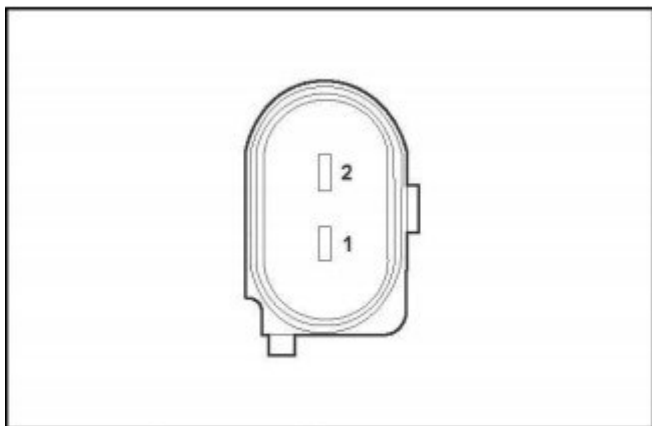
Floor harness plug description

Right side Parking brake motor (FO42)



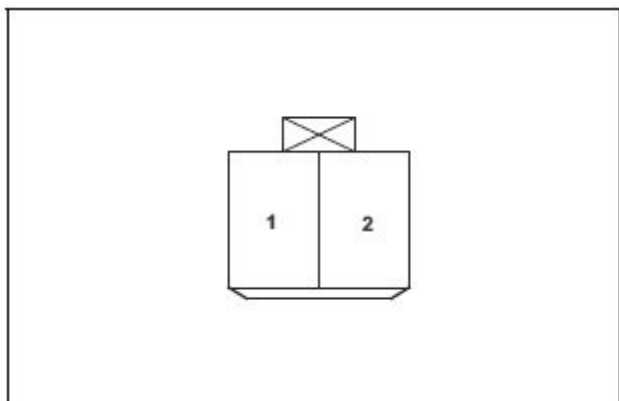
Terminals no.	Wire size	Wire diameter / color	Function
1	EB29	2.5 RW	Right side parking brake motor ⁺
2	EB14	2.5 RY	Right side parking brake motor ⁻

Left side parking brake motor (FO42)



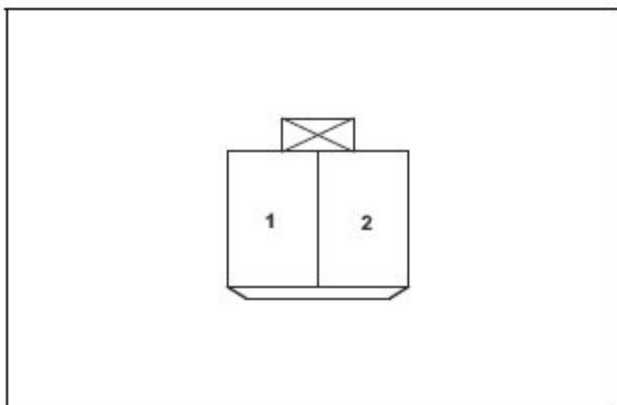
Terminals no.	Wire size	Wire diameter / color	Function
1	EB27	2.5 RL	Left side parking brake motor+
2	EB12	2.5 R	Left side parking brake motor-

Driver power seat (FO44)



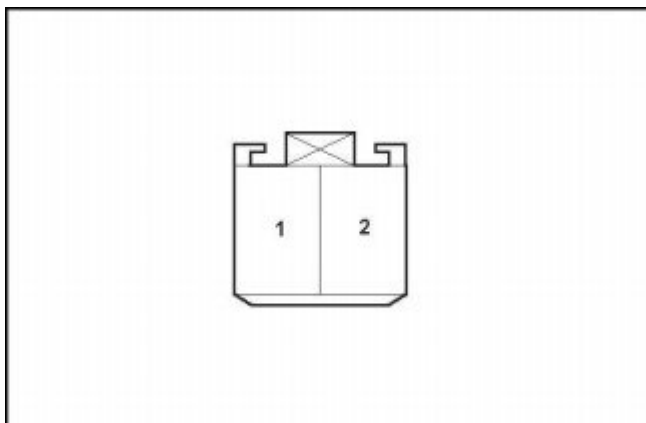
Terminals no.	Wire size	Wire diameter / color	Function
1	ZY01	2.5 RY	Driver power seat power supply+
2	G1020D	2.5 B	Driver power seat power supply-

Passenger power seat (FO45)



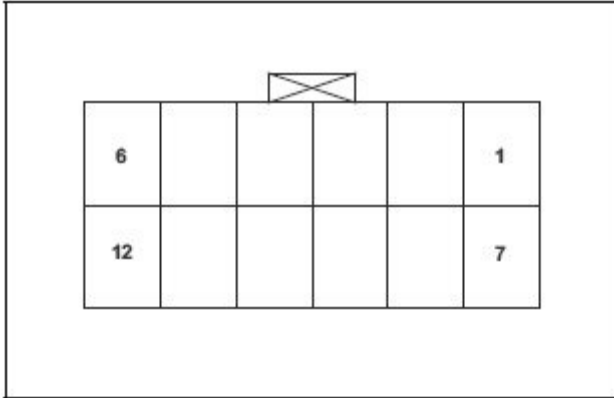
Terminals no.	Wire size	Wire diameter / color	Function
1	ZY02	2.5 R	Passenger power seat power supply ⁺
2	G1022D	2.5 B	Passenger power seat power supply

Passenger safety belt switch (FO21)



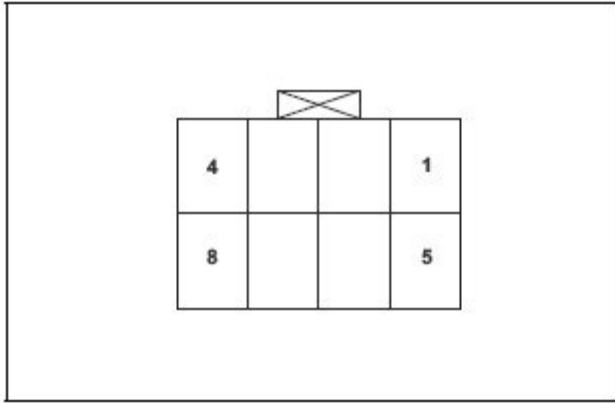
Terminals no.	Wire size	Wire diameter / color	Function
1	G1022B	0.35 B	Safety belt switch grounding
2	I08	0.35 BrW	Safety belt switch signal

Reversing radar controller plug A (F031)



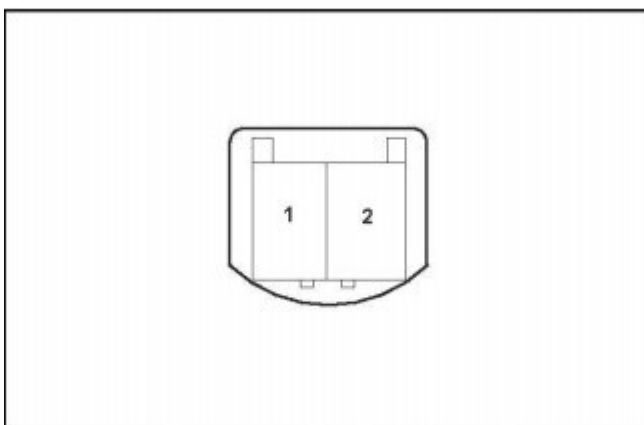
Terminals no.	Wire size	Wire diameter / color	Function
1	LA01	0.5 R	Ignition switch ON gear power supply
2	I23	0.35 Y	Alarm signal output (to instrument)
3	-	-	Unused
4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	G1025D	0.5 B	Reversing radar module grounding
8	I24	0.35 YB	Clock signal output (to instrument)
9	-	-	Unused
10	I22A	0.5 WL	Back-up switch signal
11	-	-	Unused
12	-	-	Unused

Reversing radar controller plug **B (FO30)**



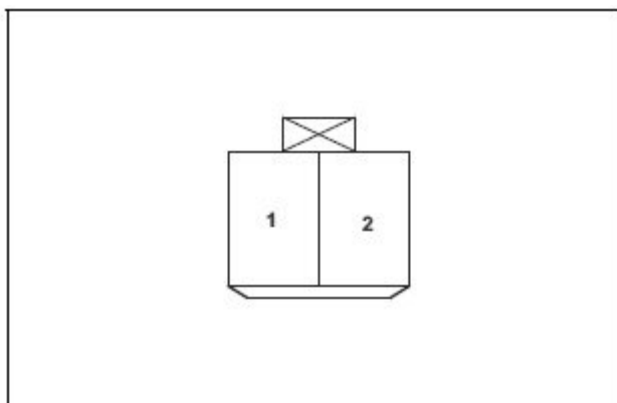
Terminals no.	Wire size	Wire diameter / color	Function
1	LB01	0.35 RL	Right sensor signal
2	LB02	0.35 WL	Middle sensor signal
3	LB03	0.35 GR	Left sensor signal
4	LB04	0.35 BrW	Sensor power supply
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	LB08	0.35 BrB	Sensor grounding

Passenger Airbag **(FO23)**



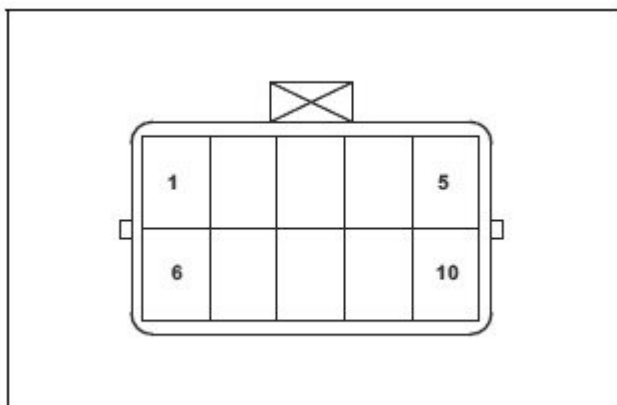
Terminals no.	Wire size	Wire diameter / color	Function
1	Q01	0.35 OG	Passenger airbag+
2	Q02	0.35 BY	Passenger airbag

Passenger seat gravity Sensor (FO22)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1022A	0.35 B	Sensor grounding
2	I07	0.35 BrG	Sensor pressure signal

Rear vehicle height Sensor (FO39)

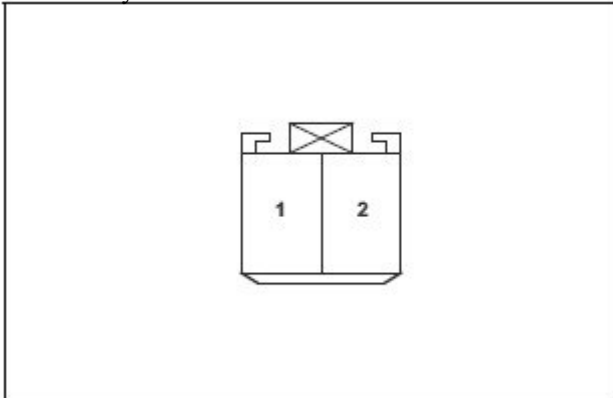


Terminals no.	Wire size	Wire diameter / color	Function
1	AL01	0.5 R	Sensor power supply
2	G1023A	0.5 B	Sensor grounding
3	AL03	0.35 G	CAN_H
4	AL04	0.35 L	CAN_L
5	AL05	0.35 GY	Signal output (to right regulating controller)
6	AL06	0.35 LR	Right regulator motor position feedback
7	AL07	0.35 GY	Signal output (to left adjustment controller)
8	AL08	0.35 OG	Left regulator motor position feedback
9	AL09	0.35 BrW	Front height sensor signal

10	-	Unused
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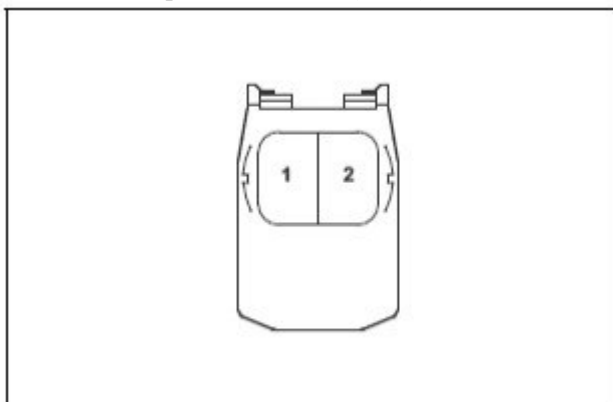
(FO13)

Driver safety belt Switch



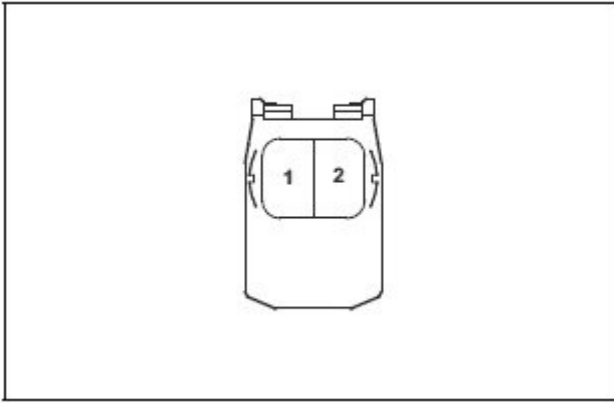
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020A	0.35 B	Switch grounding
2	I19	0.35 GR	Safety belt switch signal

Driver seat belt pre-tensioner **(FO10)**



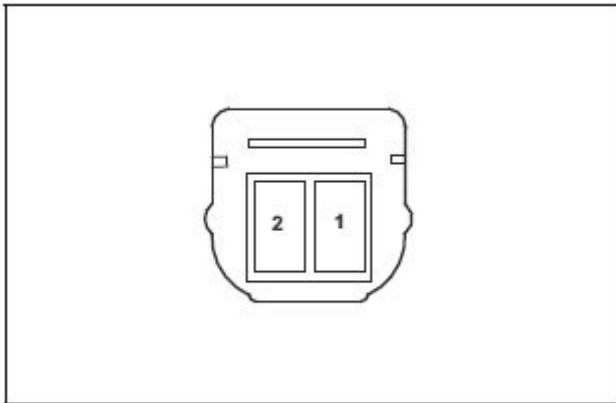
Terminals no.	Wire size	Wire diameter / color	Function
1	Q13	0.35 Y	Driver seat belt pre-tensioner+
2	Q14	0.35 YB	Driver seat belt pre-tensioner

Passenger seat belt pre-tensioner (FO26)



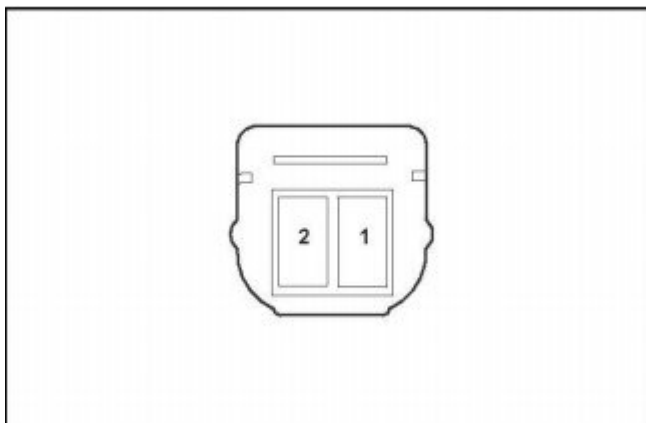
Terminals no.	Wire size	Wire diameter / color	Function
1	Q17	0.35 GY	Passenger seat belt pre-tensioner+
2	Q16	0.35 LR	Passenger seat belt pre-tensioner

Passenger Collision Sensor (FO27)



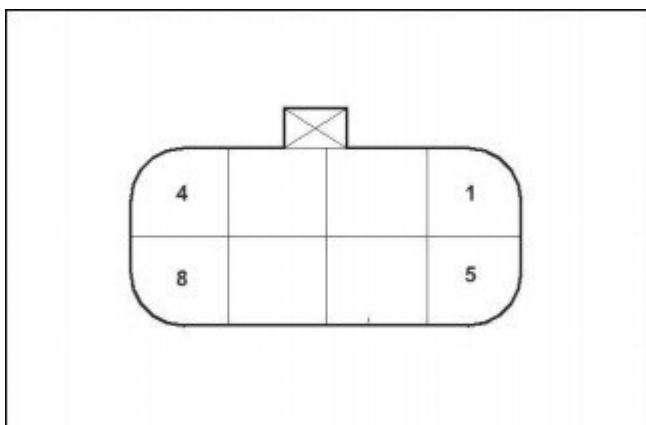
Terminals no.	Wire size	Wire diameter / color	Function
1	Q29	0.35 O	Side collision sensor +
2	Q28	0.35 OG	Side collision sensor

Driver side collision sensor (FO09)



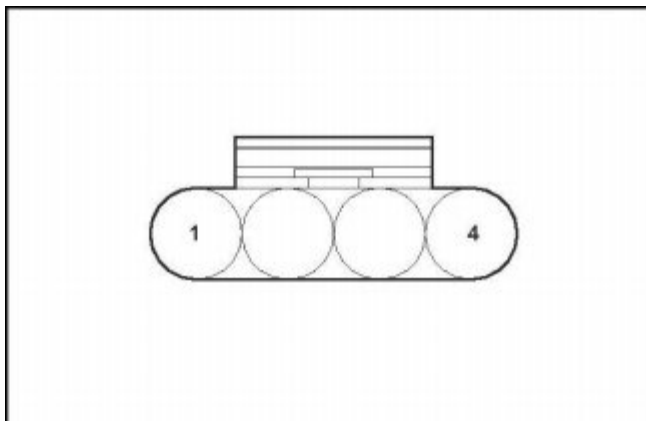
Terminals no.	Wire size	Wire diameter / color	Function
1	Q26	0.35 Br	Driver side collision sensor +
2	Q27	0.35 BrB	Driver side collision sensor

Connect Rear bumper harness (FO37)



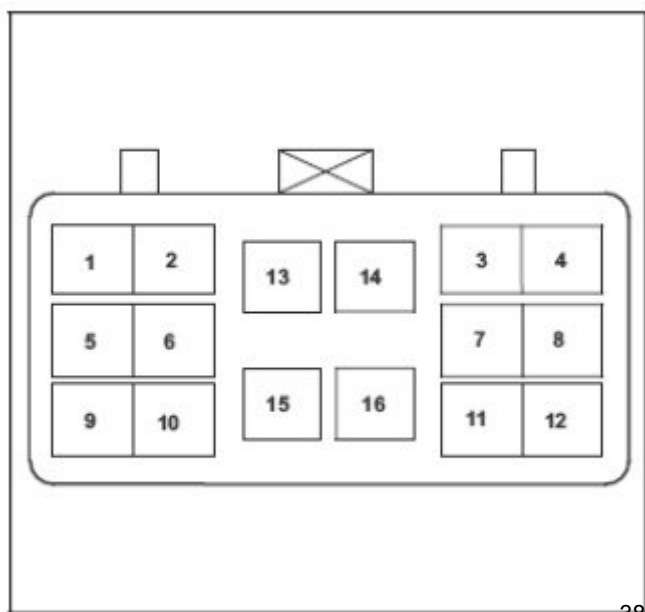
Terminals no.	Wire size	Wire diameter / color	Function
1	G1025	0.75 B	Fog lamp grounding
2	BC08	0.75 LR	Rear fog lamp power supply
3	LB01	0.35 RY	Reversing radar right sensor signal
4	LB02	0.35 WL	Reversing radar middle sensor signal
5	LB03	0.35 GR	Reversing radar left sensor signal
6	LB04	0.35 BrW	Reversing radar sensor power supply
7	LB08	0.35 BrB	Reversing radar sensor grounding
8	-	-	Unused

Fuel pump (FO40)



Terminals no.	Wire size	Wire diameter / color	Function
1	I05	0.5 B	Sensor grounding
2	I21	0.5 WB	Oil level signal
3	M691	0.75 YR	Oil pump power supply
4	G1023B	0.75 B	Oil pump grounding

Rear door wiring harness-right connector (FO28)



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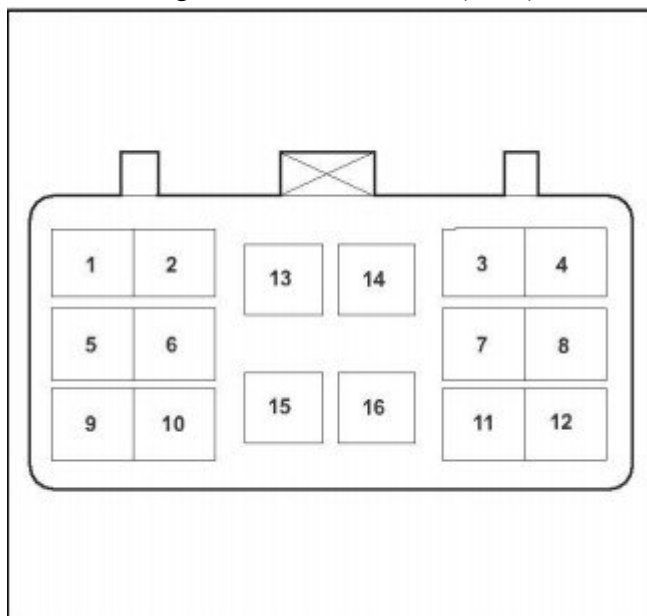
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	58F2	0.5 L	Right rear door power window switch backlight power supply
2	BB02B	0.75 WB	Right rear lock motor unlocked+
3	RB01	0.5 BrW	Right rear loudspeaker+

Arrangement of harness and plug instructions

4	G1022C	0.35 B	Right rear door lock state switch/ power window switch backlight grounding
5	BE29F2	0.35 L	Right rear door power window switch signal
6	BB01E	0.75 YB	Right rear lock motor locked+
7	RB02	0.5 LW	Right rear loudspeaker
8	BD08	0.35 GO	Right rear door power window switch lifting signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	BE18	0.35 GR	Right rear door lock state switch
13	BB10	1.5 Y	Right rear window glass motor falls (+)
14	-	-	Unused
15	BB09	1.5 YG	Right rear window glass motor rises (+)
16	-	-	Unused

Rear door wiring harness- Left connector (**FO07**)

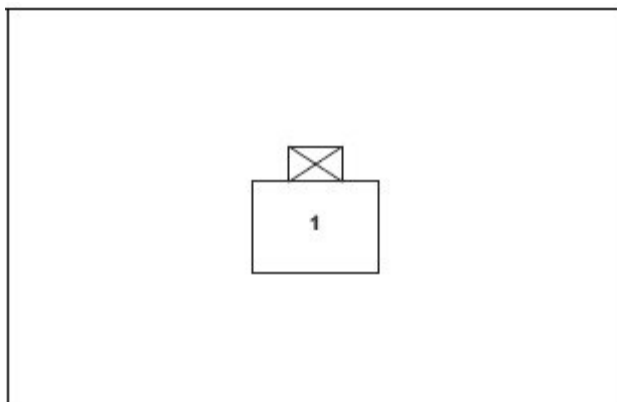


Terminals no.	Wire size	Wire diameter / color	Function
1	58F1	0.5 L	Left rear door power window switch backlight power supply
2	BB01D	0.75 YB	Left rear door lock motor locked+

Arrangement of harness and plug instructions

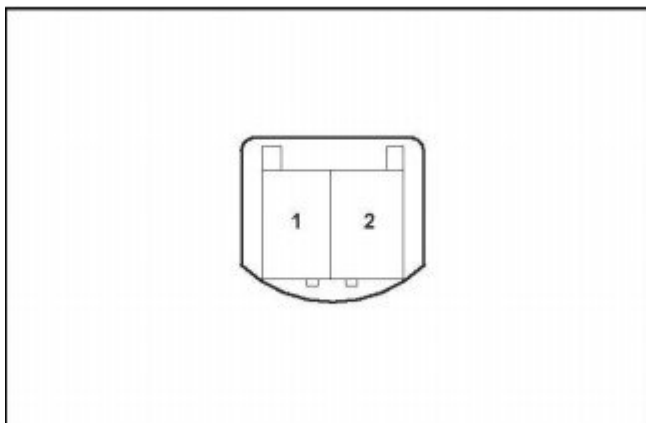
3	RB07	0.5 BrB	Left rear loudspeaker+
4	G1020B	0.35 B	Left rear door lock state switch grounding
5	BE29F1	0.35 L	Left rear door power window switch grounding
6	BB02A	0.75 WB	Left rear door lock motor unlocked+
7	RB08	0.5 LB	Left rear loudspeaker
8	BD07	0.35 YB	Left rear door power window switch lifting signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	BE17	0.35 Br	Left rear door lock state switch signal
13	BA07	1.5 RW	Left rear door glass motor falls+
14	-	-	Unused
15	BA08	1.5 RY	Left rear door glass motor rises+
16	-	-	Unused

Parking brake switch (FO18)



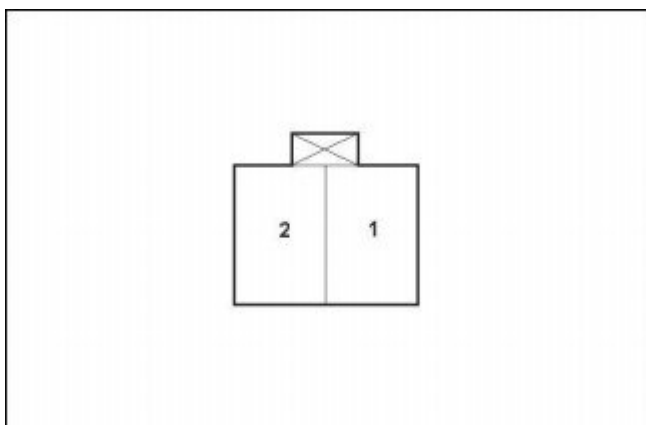
Terminals no.	Wire size	Wire diameter / color	Function
1	I18	0.5 BrG	Parking brake switch signal

Driver side airbag (FO12)



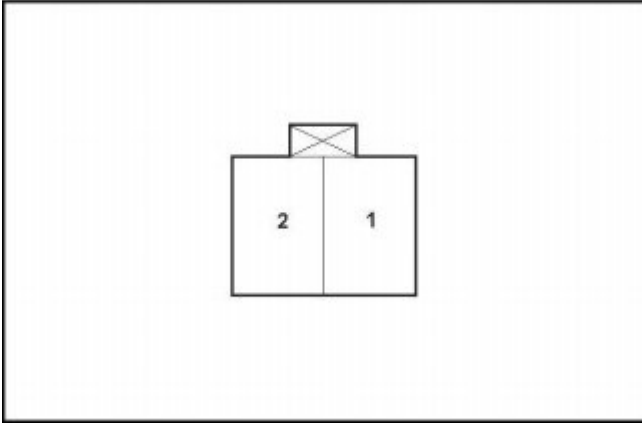
Terminals no.	Wire size	Wire diameter / color	Function
1	Q04	0.35 WL	Side airbag+
2	Q03	0.35 Lg	Side airbag

Lift side air curtain (FO08)



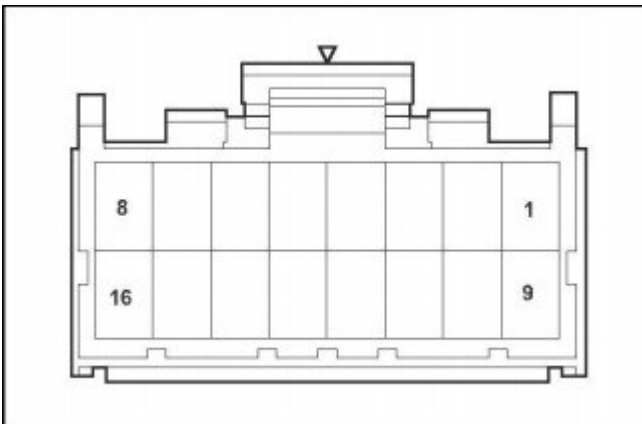
Terminals no.	Wire size	Wire diameter / color	Function
1	Q23	0.35 GO	Lift side air curtain
2	Q22	0.35 LW	Lift side air curtain+

Right side air curtain (FO14)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q24	0.35 WB	Right side air curtain
2	Q25	0.35 GR	Right side air curtain+

Tire pressure monitoring module (FO03)

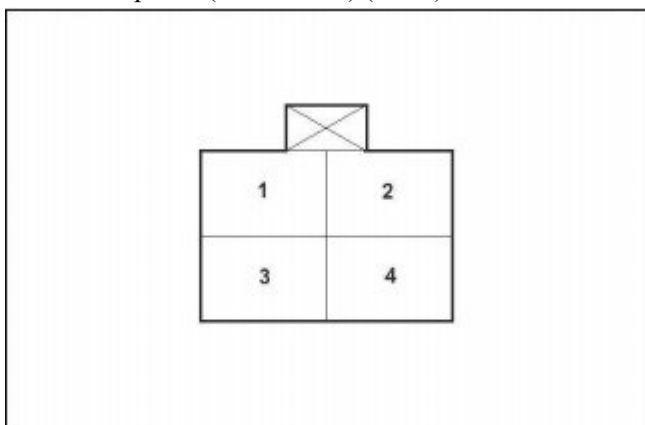


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	IP06B	0.5 RY	Tire pressure monitoring module power supply
3	TY03	0.5 G	CAN_H
4	TY04	0.5 L	CAN_L
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused

Arrangement of harness and plug instructions

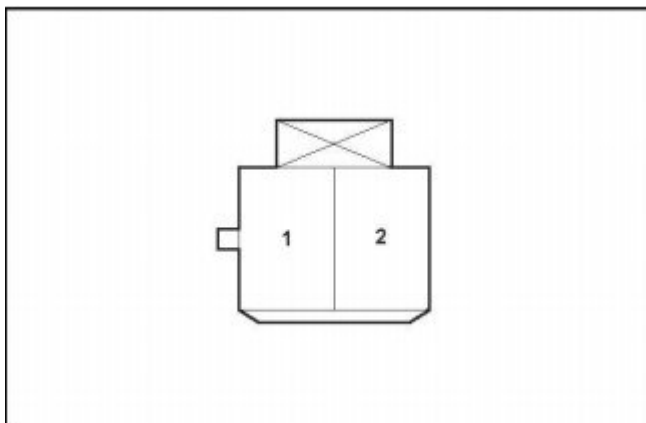
9	G1024C	0.5 B	Tire pressure monitoring module grounding
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Antenna amplifier (Rear defrost) (FO35)



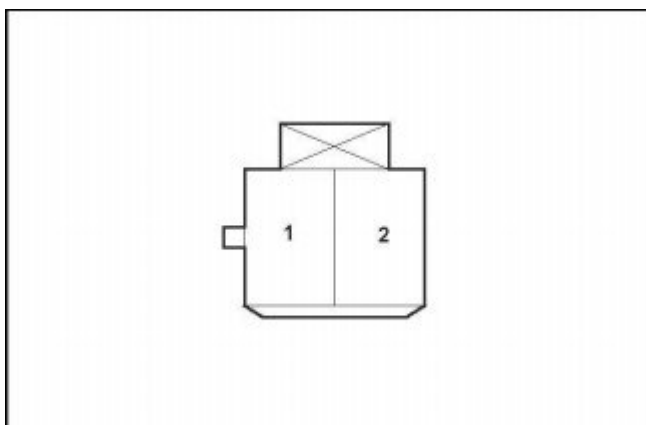
Terminals no.	Wire size	Wire diameter / color	Function
1	N16	2.5 RW	Antenna module power supply
2	N17	2.5 V	Rear defroster power supply
3	RA05	0.35 RG	Antenna signal
4	TX	0.5 B	Grounding

Indoor front row low-frequency antenna (**F019**)



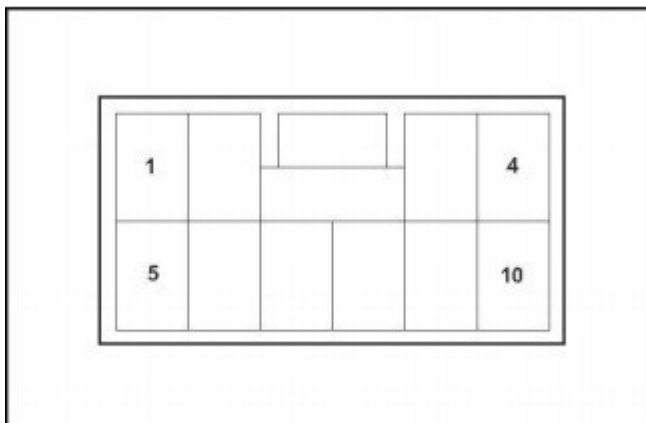
Terminals no.	Wire size	Wire diameter / color	Function
1	PA16	0.5 YB	Front row antenna capacity end
2	PA15	0.5 WR	Front row antenna inductance end

Indoor rear row low-frequency antenna (**F036**)



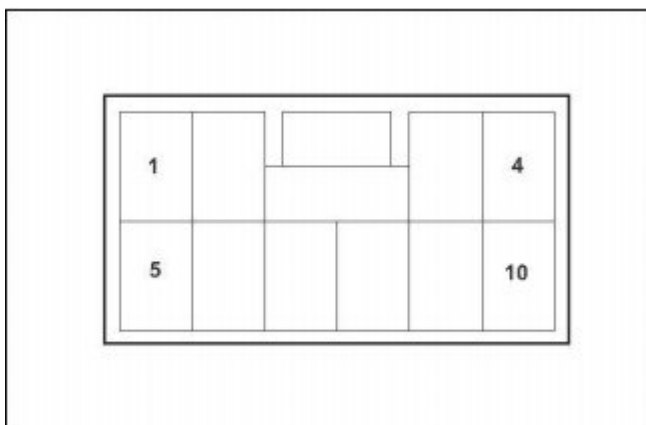
Terminals no.	Wire size	Wire diameter / color	Function
1	PA20	0.5 WB	Rear row antenna capacity end
2	PA19	0.5 V	Rear row antenna inductance end

Rear back door left harness connector (FO05)



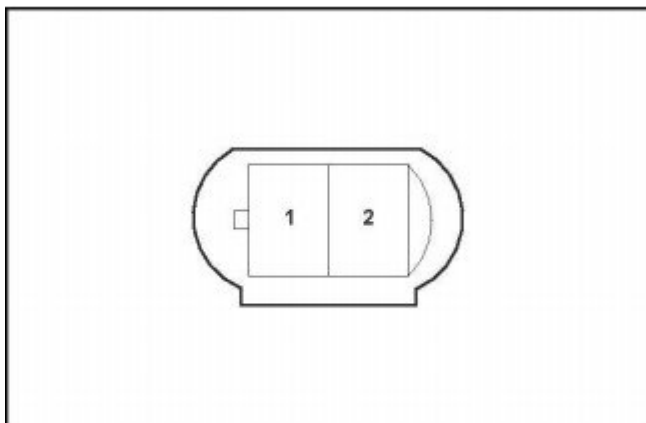
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC03C	0.5 GW	Rear clearance lamp/ license plate lamp power supply
3	-	-	Unused
4	LA10	0.5 WL	Rear back-up lamp power supply
5	BD18	0.75 GrB	Rear wiper stop position signal
6	BE20	0.35 BrB	Rear back door lock state switch signal
7	JD05	0.75 Br	Rear wiper motor power supply
8	JD04	0.75 W	Back door unlock motor power supply
9	BE04	0.35 PW	Rear back door open switch signal
10	BC04C	0.5 YB	Rear brake lamp power supply

Rear back door right harness connector (FO06)



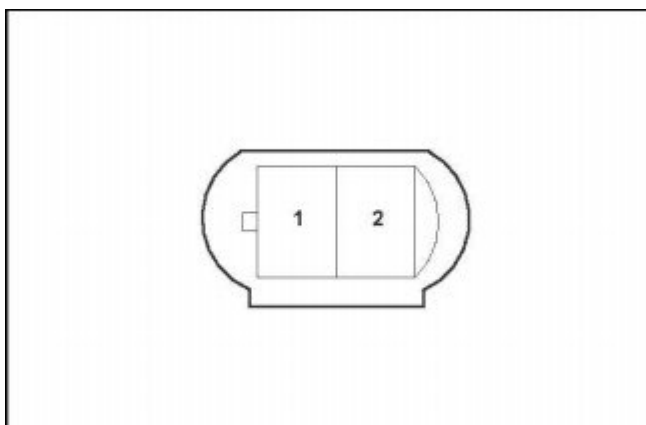
Terminals no.	Wire size	Wire diameter / color	Function
1	N17	2.5 R	Rear defrost heater power supply
2	BC04D	0.35 YB	High level brake lamp power supply
3	G1025A	0.35 B	Grounding
4	TX	0.5 B	Antenna
5	RC08	0.35 WB	Camera
6	RC07	0.35 RB	Camera power supply
7	RC06	0.5W	Camera video
8	RC05	0.5 WR	Camera video+
9	R02A	0.5 L	CAN_L
10	R01A	0.5 G	CAN_H

Right rear wheel speed sensor (FO29)



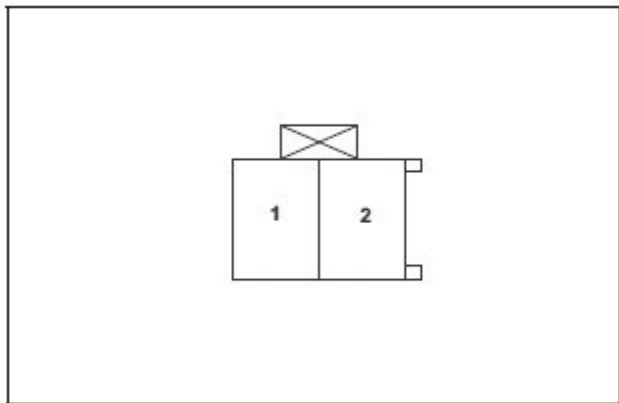
Terminals no.	Wire size	Wire diameter / color	Function
1	A29	0.35 Lg	Sensor signal output
2	A17	0.35 O	Sensor power supply

Left rear wheel speed sensor (FO04)



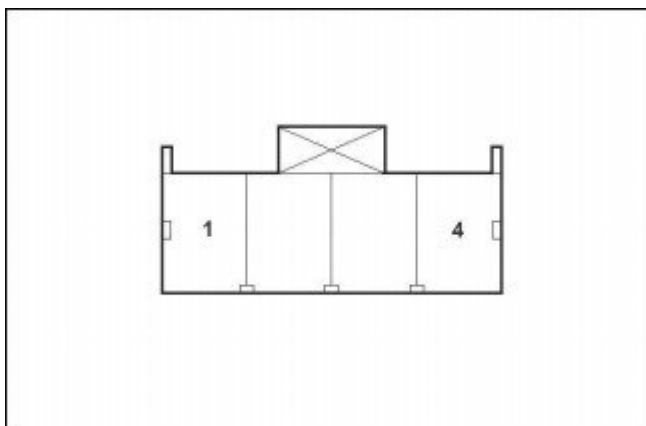
Terminals no.	Wire size	Wire diameter / color	Function
1	A18	0.35 W	Sensor signal output
2	A31	0.35 WL	Sensor power supply

Trunk lamp (FO02)



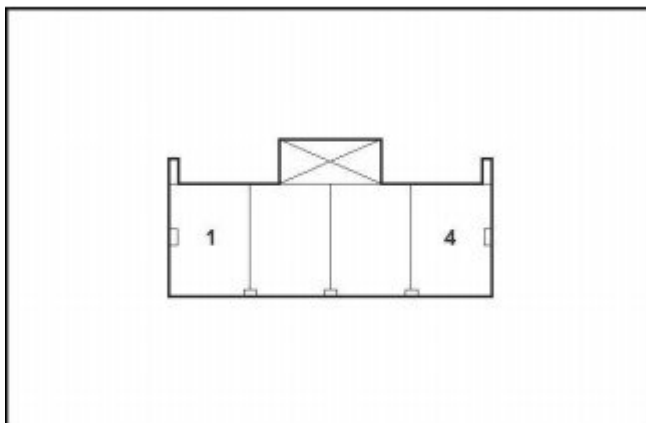
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12	0.5 GL	Battery power saving output
2	BA02	0.5 GrR	Rear back door lamp power supply

Right rear combination lamp (fixed part) (FO33)



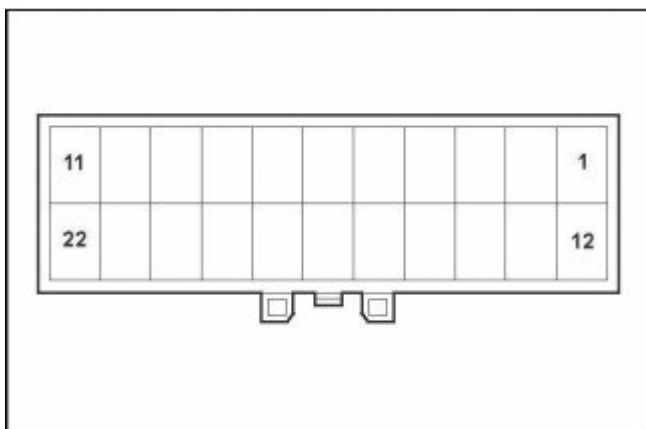
Terminals no.	Wire size	Wire diameter / color	Function
1	BC01B	0.5 LY	Right rear steering lamp power supply
2	BC04A	0.5 YB	Right rear brake lamp power supply
3	BC03A	0.5 GW	Right rear clearance lamp power supply
4	G1025C	0.5 B	Lamp grounding

Left rear combination lamp (fixed part) (FO01)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC02B	0.5 LW	Left rear steering lamp power supply
2	BC04B	0.5 YB	Left rear brake lamp power supply
3	BC03B	0.5 GW	Left rear clearance lamp power supply
4	G1024A	0.5 B	Lamp grounding

Engine room wiring harness connector A (FO16)

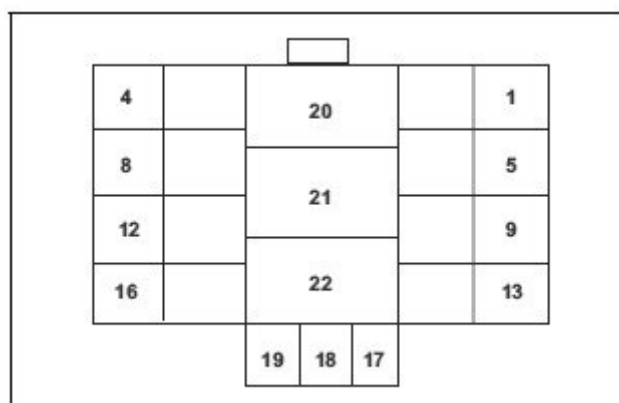


Terminals no.	Wire size	Wire diameter / color	Function
1	A17	0.35 O	Right rear wheel speed sensor power supply
2	A29	0.35 Lg	Right rear wheel speed sensor signal
3	-	-	Unused
4	A18	0.35 W	Left rear wheel speed sensor signal
5	A31	0.35 WL	Left rear wheel speed sensor power supply
6	-	-	Unused

Arrangement of harness and plug instructions

7	AL05	0.35 GY	Right regulating controller signal
8	AL06	0.35 LR	Right regulator motor position feedback
9	AL07	0.35 GR	Left adjustment controller signal
10	AL08	0.35 OG	Left regulator motor position feedback
11	AL09	0.35 BrW	Front height sensor signal
12	-	-	Unused
13	M691	0.75 YR	Fuel pump motor power supply
14	JR02	0.75 RW	Seat heating power supply
15	EB13	2.5 RB	Power supply
16	EB15	2.5 RG	Power supply
17	LB08A	0.35 BrB	Front radar sensor grounding
18	LB04A	0.35 BrW	Front radar sensor power supply
19	LA06	0.35 YBr	Left front radar sensor signal
20	LA05	0.35 V	Left middle radar sensor signal
21	LA04	0.35 O	Right middle radar sensor signal
22	LA03	0.35 W	Right front radar sensor signal

Engine room wiring harness connector B (FO16)

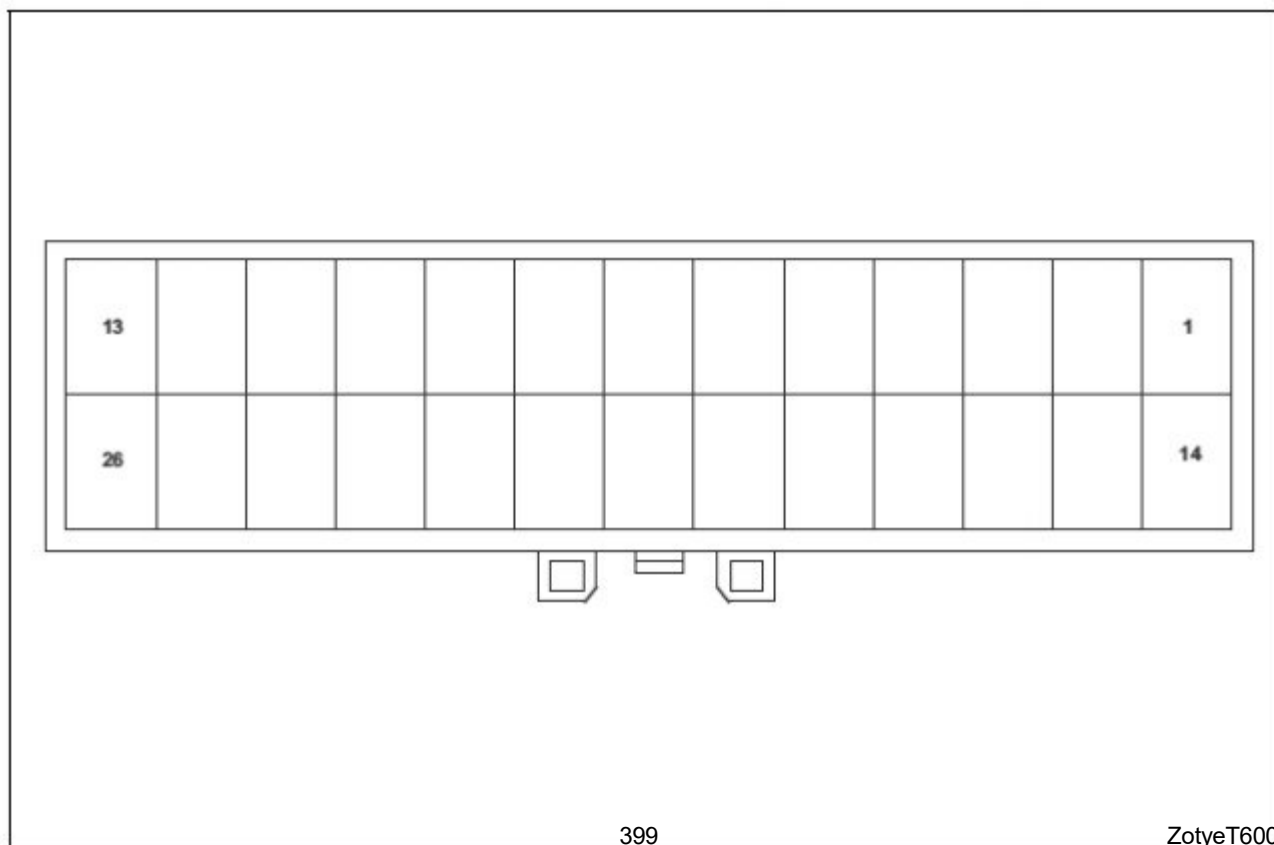


Terminals no.	Wire size	Wire diameter / color	Function
1	EB06	0.5 LB	Clutch position sensor grounding
2	-	-	Unused
3	-	-	Unused

Arrangement of harness and plug instructions

4	-	-	Unused
5	-	-	Unused
6	-	-	Unused
7	EB20	0.5 LR	Clutch position sensor power supply
8	EB21	0.5 LR	Clutch position sensor signal input
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	ZY01	2.5 RGr	Main seat regulation power supply
21	ZY02	2.5 R	Passenger seat regulation power supply
22	-	-	Unused

Instrument panel wiring harness connector A (FO15)



399

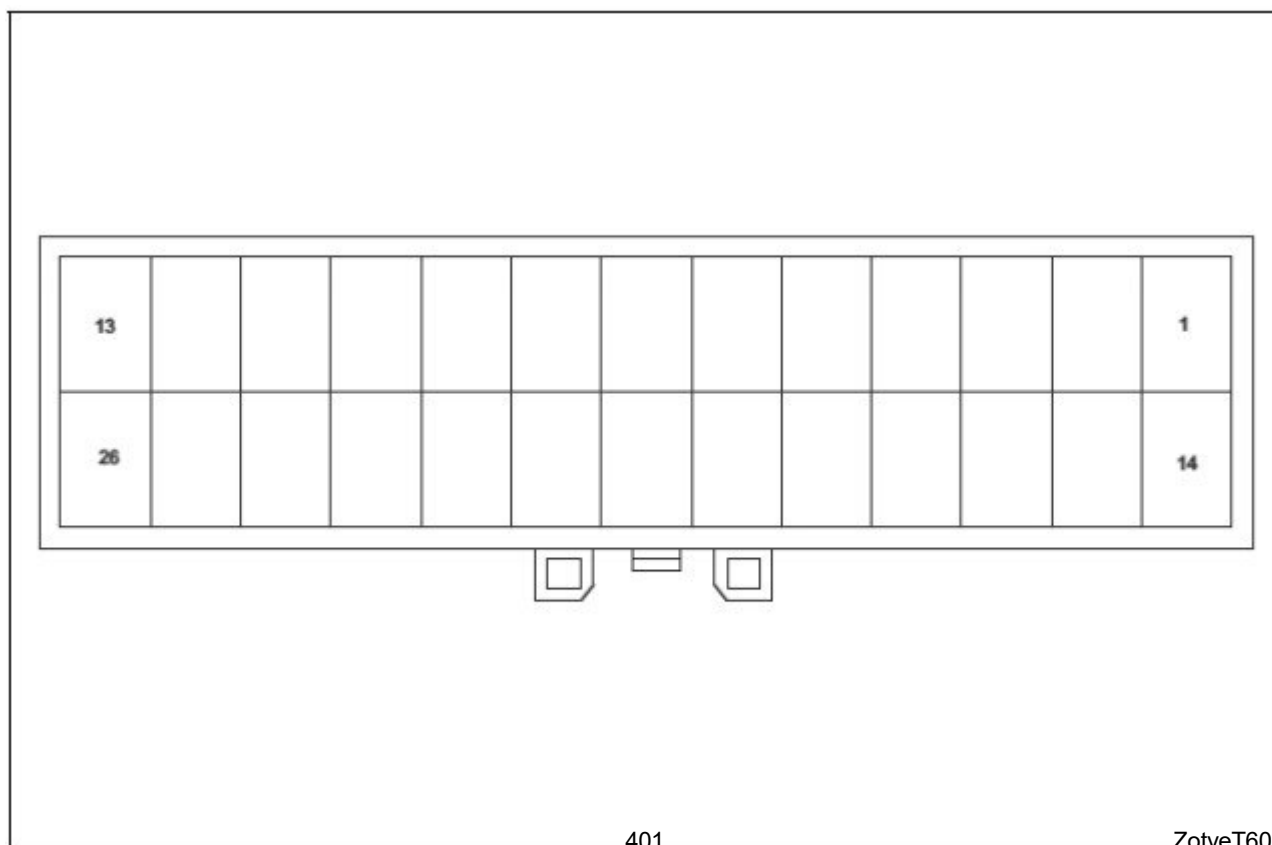
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BB01A	0.75 YB	Door lock motor interlocks+
2	118	0.35 BrG	Parking brake switch signal
3	BE29F	0.35 BW	BCM signal
4	IP06B	0.5 RY	Tire pressure monitoring ON gear power supply
5	AL01	0.5 R	Rear vehicle height sensor ON power supply
6	BC02B	0.5 LW	Left steering lamp power supply
7	BA02	0.5 GrR	Trunk lamp power supply
8	BB02	0.75 WB	Door lock motor unlocked +
9	119	0.35 GR	Driver safety belt switch signal
10	121	0.5 WB	Fuel pump oil level signal
11	105	0.5 G	Oil level sensor
12	BC03	0.5 GW	Clearance lamp+
13	BE17	0.35Br	Left rear door lock state switch
14	BD07	0.35 YB	Left rear door power window switch

Arrangement of harness and plug instructions

15	RB07	0.5 BrB	Left rear loudspeaker+
16	RB08	0.5 LB	Left rear loudspeaker-
17	BA08	1.5 RY	Left rear window motor rises+
18	BA07	1.5 RW	Left rear window motor falls+
19	58F	0.5 L	Left rear door power window switch backlight power supply
20	BC12	0.5 GL	Battery power saving output
21	BE20	0.35 BrB	Back-up door lock state switch
22	JD05	0.75 Br	Rear wiper power supply
23	BD18	0.75 GrB	Rear wiper stop signal
24	BC04	0.5 YB	Brake lamp+
25	JD04	0.75 W	Back door unlock motor+
26	BE04	0.35 PW	Back-up door open switch signal

Instrument panel wiring harness connector C (male) (FO25)



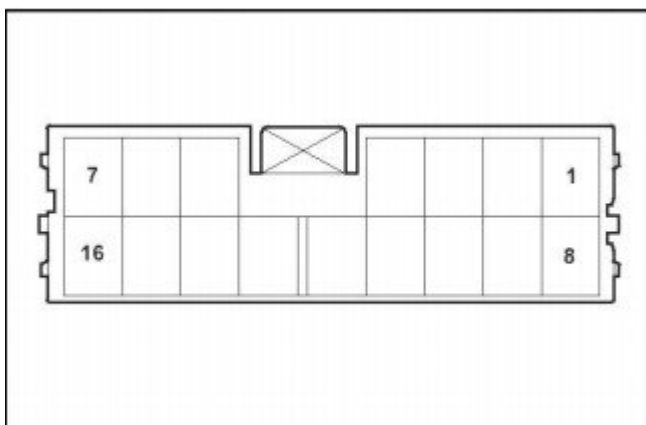
401

ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	BD08	0.35 GO	Right rear door power window switch signal
2	RB01	0.5 BrW	Right rear loudspeaker+
3	RB02	0.5 LW	Right rear loudspeaker-
4	l07	0.35 BrG	Passenger seat gravity sensor signal
5	R01	0.5 G	Camera CAN_H
6	R02	0.5 L	Camera CAN_L
7	RC05	0.5 WR	Camera video+
8	RC06	0.5 W	Camera video-
9	RC07	0.35 RB	Camera power supply
10	RC08	0.35 WB	Camera grounding
11	RA05	0.35 RG	Automatic antenna
12	BB09	1.5 YG	Right rear window glass motor rises (+)
13	BB10	1.5 Y	Right rear window glass motor falls (+)
14	BC01B	0.5 LY	Right rear steering lamp control

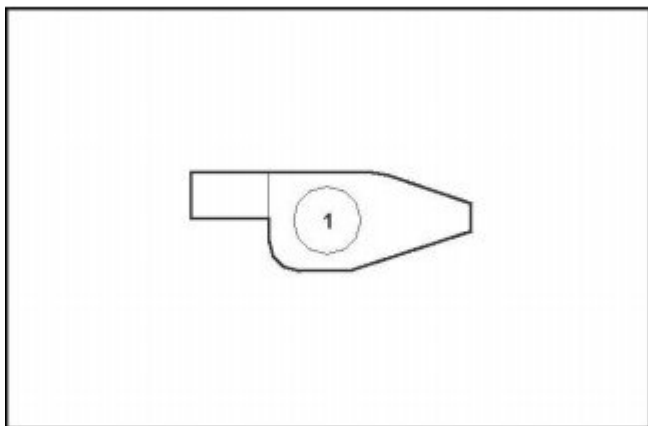
Arrangement of harness and plug instructions

15	PA19	0.5 V	Rear row antenna inductance end
16	PA20	0.5 WB	Rear row antenna capacity end
17	PA15	0.5 WR	Front row antenna inductance end
18	PA16	0.5 YB	Front row antenna capacity end
19	BC08	0.75 LR	Rear fog lamp control
20	I22	0.35 WL	Back-up switch signal (to instrument, reverse module and back-up lamp)
20	LA10	0.5 WL	Back-up switch signal (to instrument and back-up lamp)
21	I24	0.35 YB	Back-up controller clock signal
22	I23	0.35 Y	Back-up controller alarm signal
23	LA01	0.5 R	Back-up controller power supply
24	BE18	0.35 GR	Right rear door lock state switch
25	I08	0.35 BrW	Passenger safety belt switch signal
26	N16	2.5 RW	Antenna amplifier power supply

Instrument panel wiring harness connector **D (FO20)**

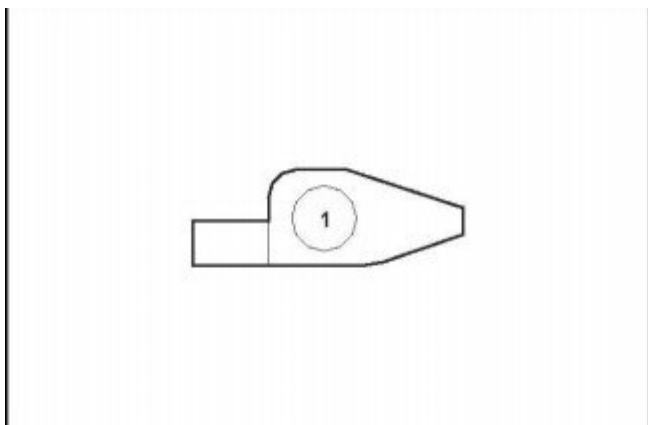
Terminals no.	Wire size	Wire diameter / color	Function
1	Q02	0.35 BY	Passenger airbag
2	Q01	0.35 OG	Passenger airbag +
3	Q16	0.35 LR	Passenger seat belt pre-tensioner
4	Q17	0.35 GY	Passenger seat belt pre-tensioner+
5	Q28	0.35 OG	Right side collision sensor
6	Q23	0.35 GO	Lift side air curtain
7	Q22	0.35 LW	Lift side air curtain+
8	Q04	0.35 WL	Driver side airbag +
9	Q03	0.35 Lg	Driver side airbag
10	Q14	0.35 YB	Driver seat belt pre-tensioner
11	Q13	0.35 Y	Driver seat belt pre-tensioner+
12	Q26	0.35 Br	Left side collision sensor +
13	Q27	0.35 BrB	Left side collision sensor
14	Q29	0.35 O	Right side collision sensor +
15	Q24	0.35 WB	Right side air curtain
16	Q25	0.35 GR	Right side air curtain+

Bonding 1 (FO11)



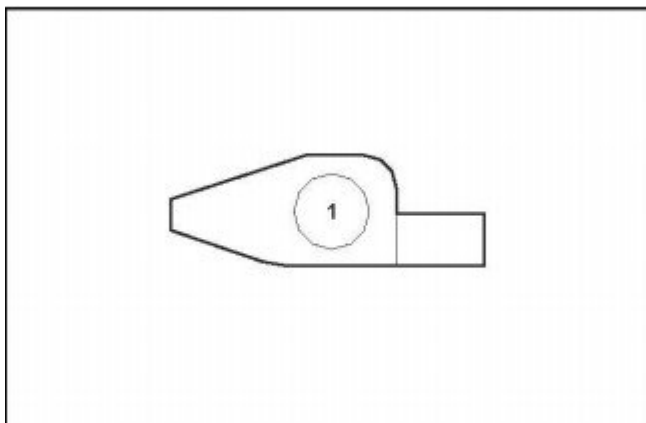
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020	0.5 B	Refer to “grounding location, function and distribution”

Bonding 2 (FO24)



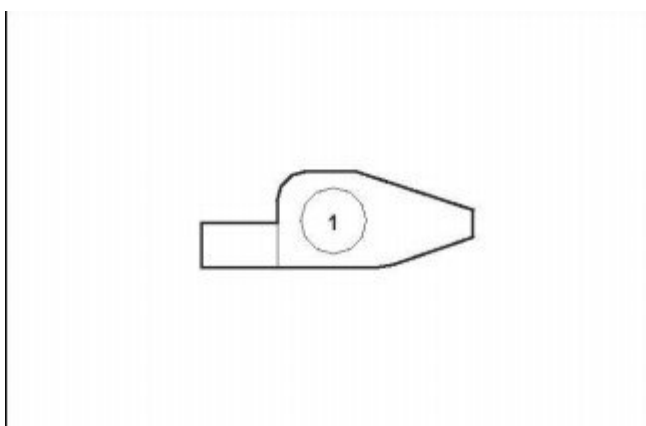
Terminals no.	Wire size	Wire diameter / color	Function
1	G1022	0.5 B	Refer to “grounding location, function and distribution”

Bonding 3 (FO32)



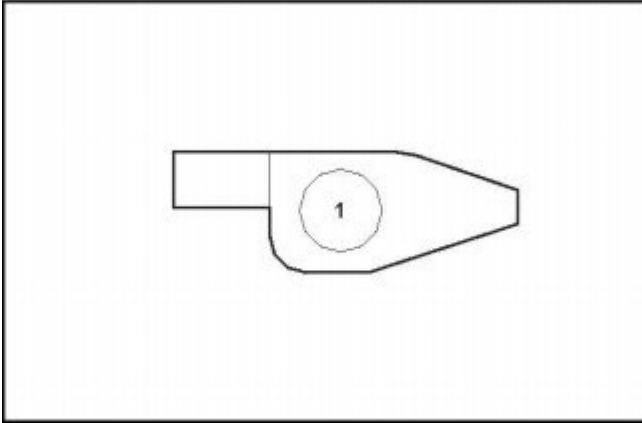
Terminals no.	Wire size	Wire diameter / color	Function
1	G1023	0.75 B	Refer to “grounding location, function and distribution”

Bonding4 (FO38)



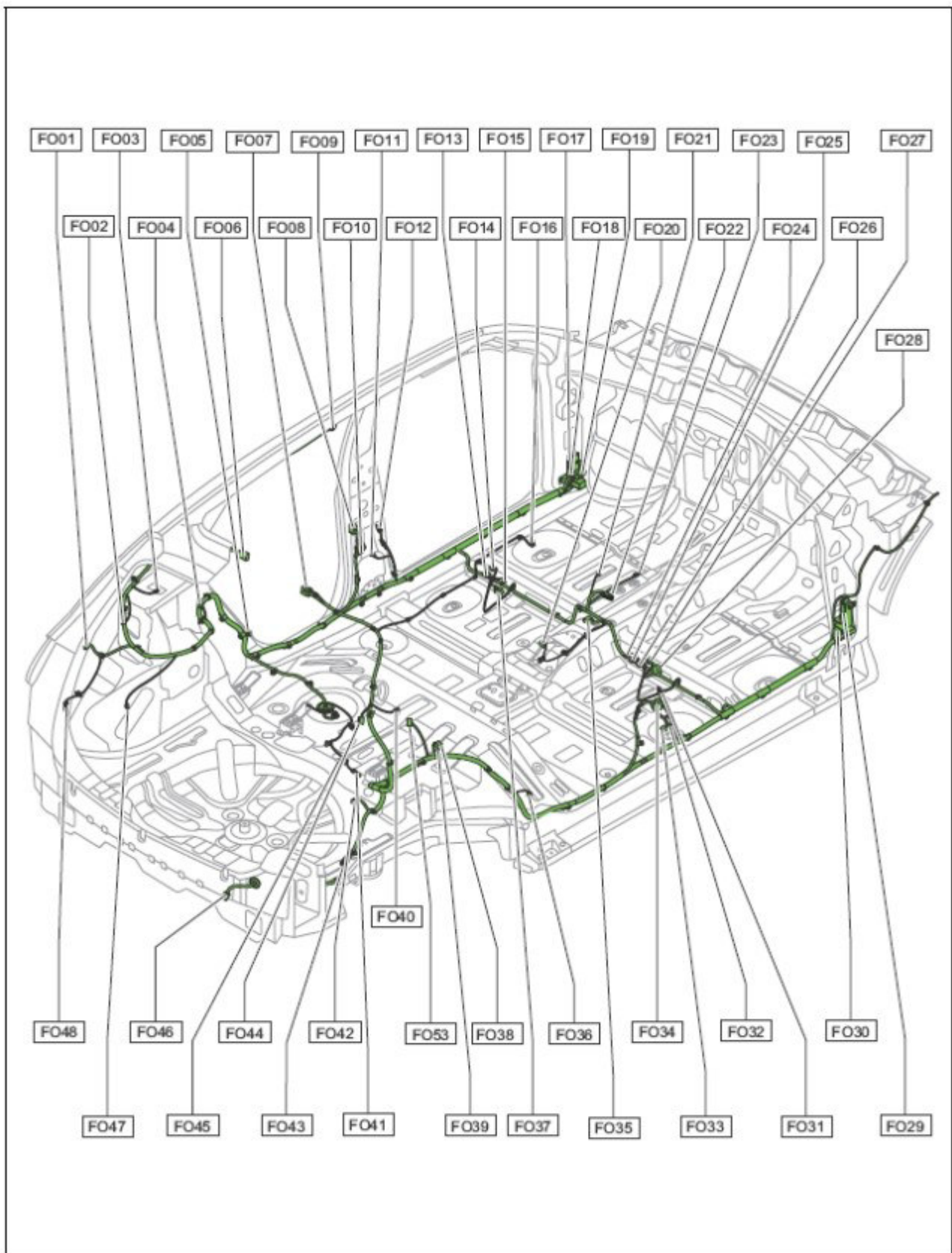
Terminals no.	Wire size	Wire diameter / color	Function
1	G1024	0.75 B	Refer to “grounding location, function and distribution”

Bonding 5 (FO34)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1025	0.75 B	Refer to “grounding location, function and distribution”

Floor harness-Positive (2.0T)



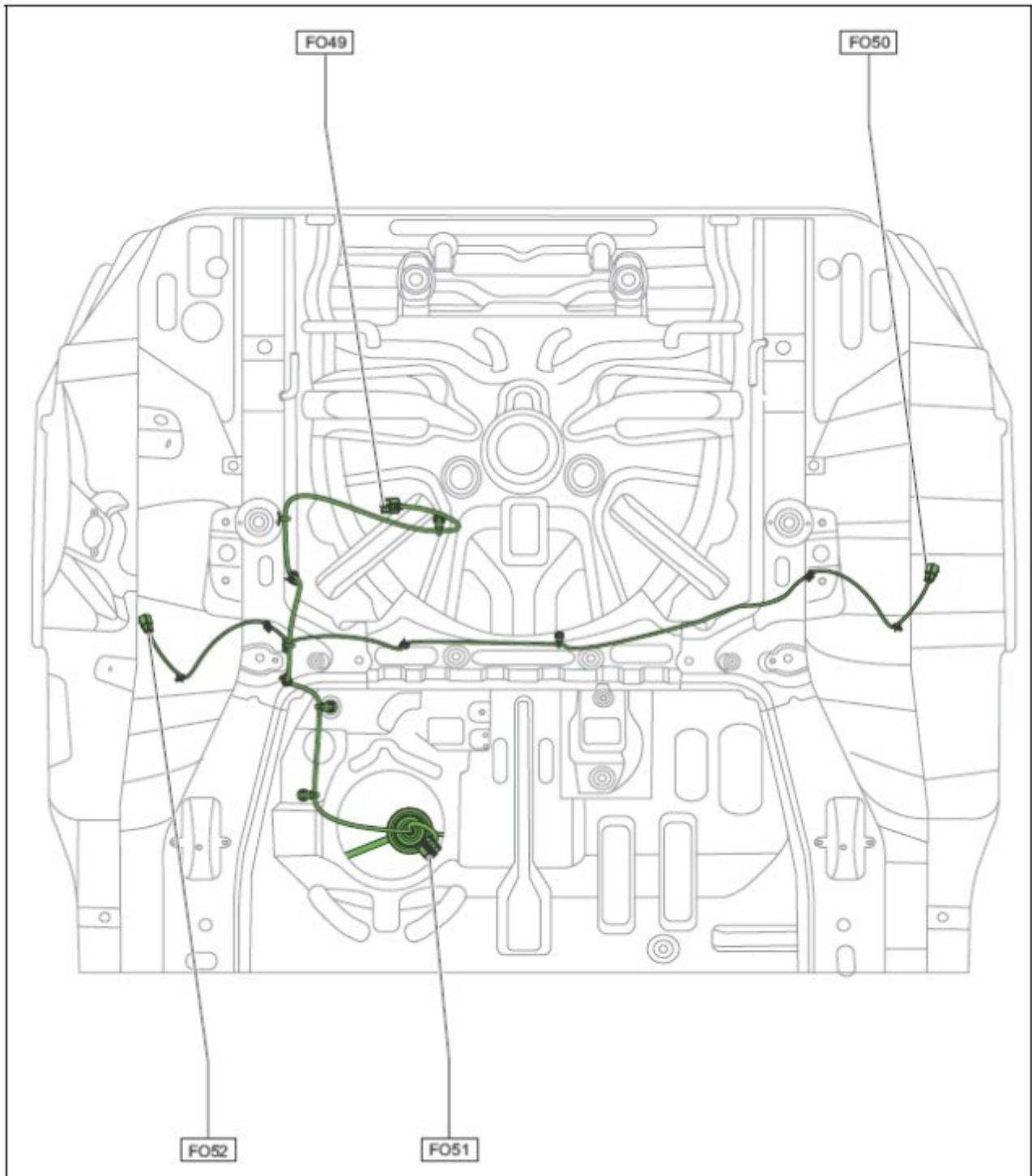
Floor harness-Positive plug definition

Plug code	Connected electrical equipment
FO01	Left rear combination lamp (fixed end)
FO02	Trunk lamp
FO03	High tone loudspeaker
FO04	tire pressure monitoring module
FO05	Left rear wheel speed sensor
FO06	Connect rear back door left harness
FO07	Connect rear back door right harness
FO08	Connect rear door wiring harness-Left
FO09	Lift side air curtain
FO10	Driver side collision sensor
FO11	Driver seat belt pre-tensioner
FO12	Bonding 1 (G1020)
FO13	Driver side airbag
FO14	Driver power seat
FO15	Driver safety belt switch
FO16	Right side air curtain
FO17	Connect instrument panel wiring harness plug A
FO18	Connect engine room wiring harness plug A
FO19	Connect engine room wiring harness plug B
FO20	Indoor front row low-frequency antenna
FO21	EPB switch
FO22	EPB module
FO23	Bonding 28
FO24	Passenger safety belt switch
FO25	Passenger seat gravity sensor
FO26	Passenger airbag
FO27	Passenger power seat

Arrangement of harness and plug instructions

FO28	Passenger seat heating
FO29	Connect instrument panel wiring harness plug C
FO30	Connect instrument panel wiring harness plug B
FO31	Bonding 2 (G1022)
FO32	Passenger seat belt pre-tensioner
FO33	Passenger collision sensor
FO34	Connect rear door wiring harness-Right
FO35	Connect instrument panel wiring harness plug D
FO36	Right rear wheel speed sensor
FO37	Driver seat heating
FO38	reversing radar controller plug B
FO39	reversing radar controller plug A
FO40	High tone loudspeaker
FO41	Bonding 4 (G1023)
FO42	Right rear combination lamp (fixed end)
FO43	Bonding 6 (G1025)
FO44	Antenna amplifier
FO45	Indoor rear row low-frequency antenna
FO46	Rear bumper harness
FO47	Back-up power supply
FO48	Bonding 5 (G1024)
FO53	Connect panoramic image

Floor harness-back (2.0T)

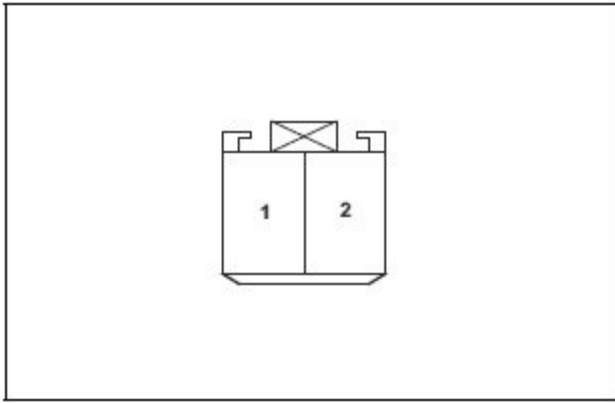


Floor harness-back plug definition

Plug code	Connected electrical equipment
FO49	Rear vehicle height sensor
FO50	EPB actuator right
FO51	Fuel pump
FO52	EPB actuator left

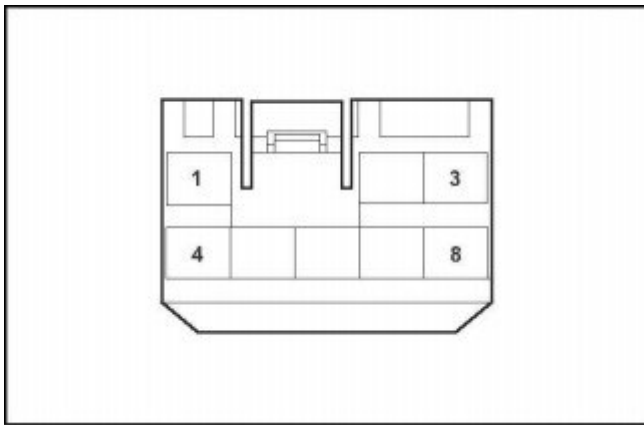
Floor harness plug description-2.0T

Passenger safety belt switch (FO24)



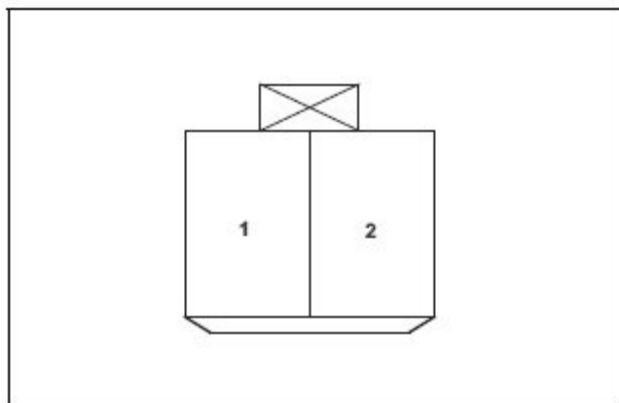
Terminals no.	Wire size	Wire diameter / color	Function
1	G1022B	0.35 B	Safety belt switch grounding
2	I08	0.35 BrW	Safety belt switch signal

Passenger seat heating (FO28)



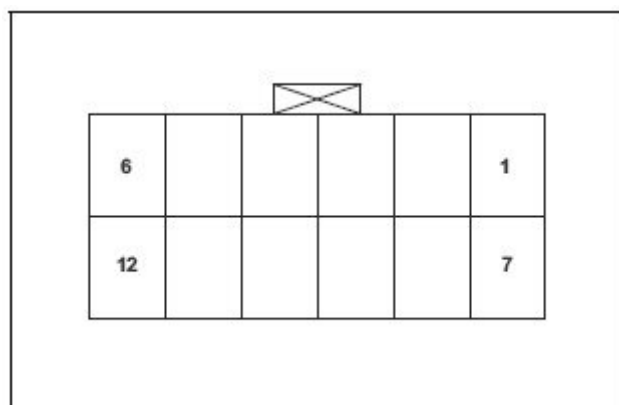
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	JR02B	0.75 RW	Passenger heating power supply
3	G1022E	0.75 B	Grounding
4	-	-	Unused
5	JR05B	0.35 RG	System power supply IGN
6	JR16	0.35 W	Passenger heating control
7	-	-	Unused
8	-	-	Unused

Passenger power seat (FO27)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1022D	2.5 B	Grounding
2	ZY02	2.5 R	Power seat power supply

Reversing radar controller plug A (FO39)



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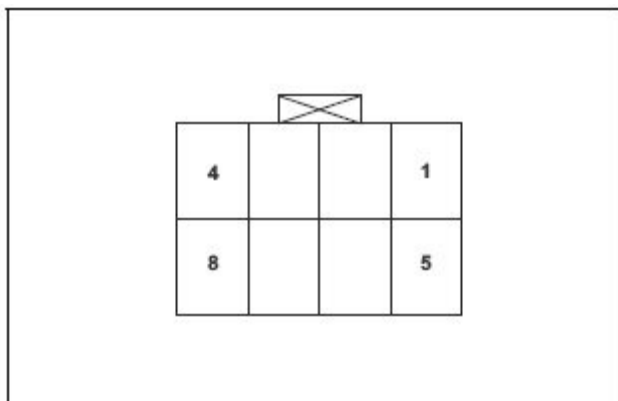
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	LA01	0.5 R	Ignition switch ON gear power supply
2	I23	0.35 Y	Alarm signal output (to instrument)
3	LA03	0.35 W	Right front radar sensor signal
4	LA04	0.35 O	Right middle radar sensor signal
5	LA05	0.35 V	Left middle radar sensor signal
6	LA06	0.35 YBr	Left front radar sensor signal
7	G1025D	0.5 B	Reversing radar module grounding
8	I24	0.35 YB	Clock signal output (to instrument)
9	LA09	0.35 RB	Blind spot detection system switch LED drive end

Arrangement of harness and plug instructions

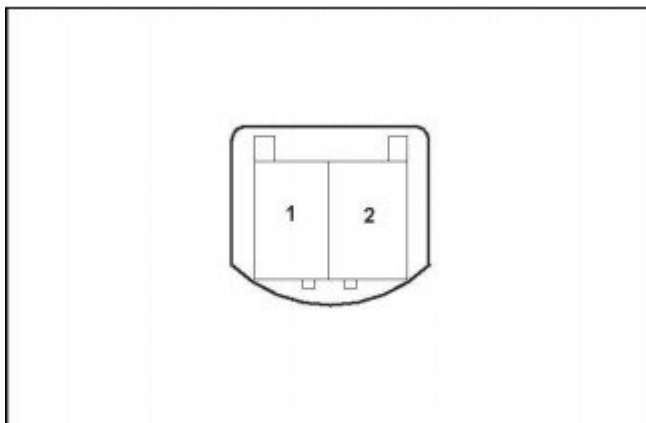
10	I22A	0.5 WL	Back-up switch signal
11	LA11	0.5 RY	Front radar switch signal output
12	-	-	Unused

Reversing radar controller plug **B (FO38)**



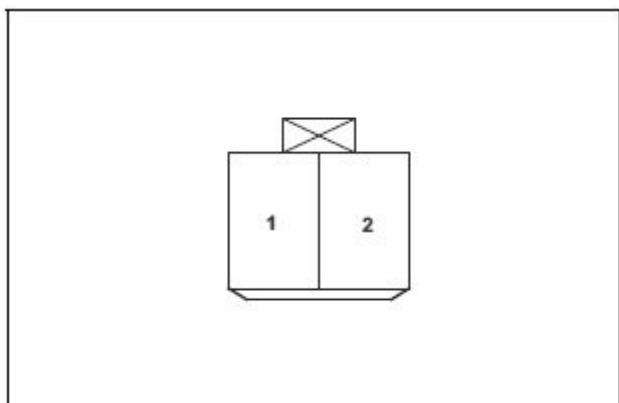
Terminals no.	Wire size	Wire diameter / color	Function
1	LB01	0.35 RL	Right sensor signal
2	LB02	0.35 WL	Middle sensor signal
3	LB03	0.35 GR	Left Sensor signal
4	LB04	0.35 BrW	Sensor power supply
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	LB08	0.35 BrB	Sensor grounding

Passenger airbag (F026)



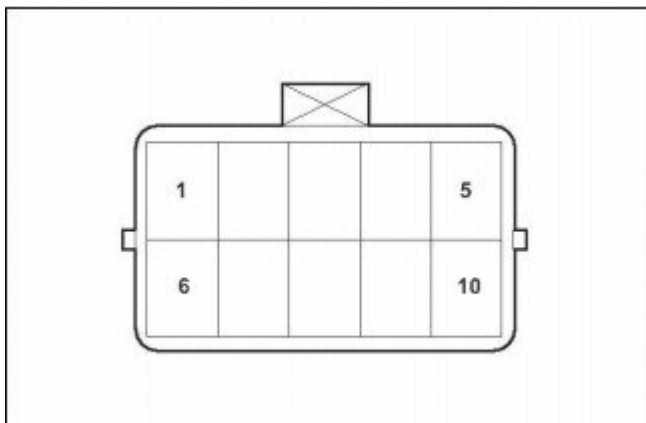
Terminals no.	Wire size	Wire diameter / color	Function
1	Q01	0.35 OG	Passenger airbag+
2	Q02	0.35 BY	Passenger airbag

Passenger seat gravity sensor (F025)



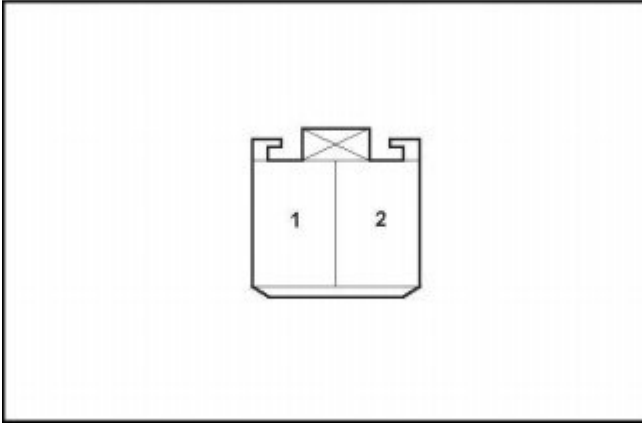
Terminals no.	Wire size	Wire diameter / color	Function
1	G1022A	0.35 B	Sensor grounding
2	I07	0.35 BrG	Sensor pressure signal

Rear vehicle height sensor (FO49)



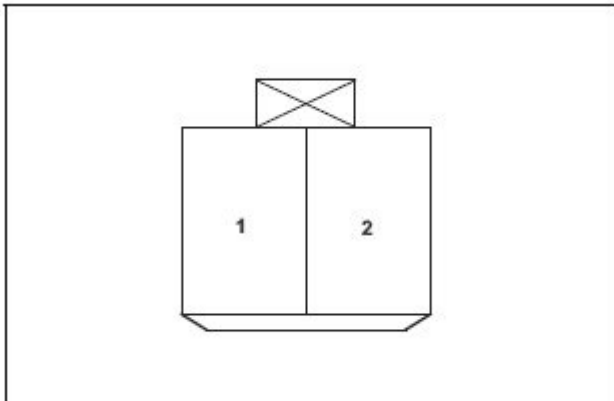
Terminals no.	Wire size	Wire diameter / color	Function
1	AL01	0.5 R	Sensor power supply
2	G1023A	0.5 B	Sensor grounding
3	AL03	0.35 G	CAN_H
4	AL04	0.35 L	CAN_L
5	AL05	0.35 GY	Signal output (to right regulating controller)
6	AL06	0.35 LR	Right regulator motor position feedback
7	AL07	0.35 GY	Signal output (to left adjustment controller)
8	AL08	0.35 OG	Left regulator motor position feedback
9	AL09	0.35 BrW	Front height sensor signal
10	-	-	Unused

Driver safety belt switch (FO15)



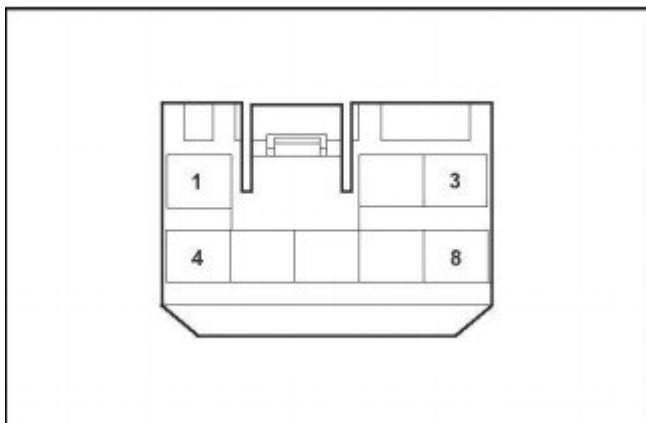
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020A	0.35 B	Switch grounding
2	I19	0.35 GR	Safety belt switch signal

Driver power seat (FO14)



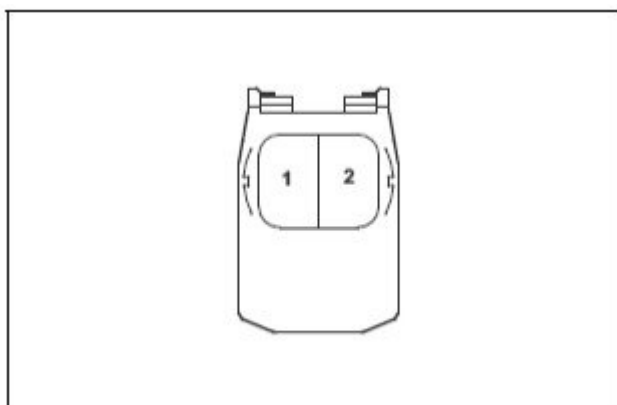
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020D	2.5 B	Grounding
2	ZY01	2.5 RY	Driver power seat power supply

Driver seat heating (F037)



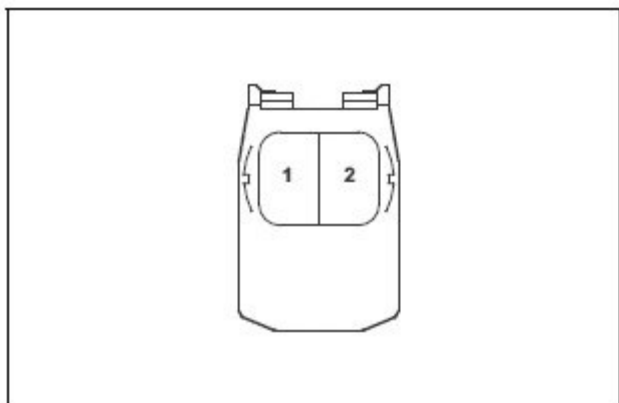
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	JR02A	0.75 RW	Driver heating power supply
3	G1020C	0.75 B	Grounding
4	-	-	Unused
5	JR05A	0.35 RG	System power supply IGN
6	JR06	0.35 W	Driver heating control
7	-	-	Unused
8	-	-	Unused

Driver seat belt pre-tensioner (F011)



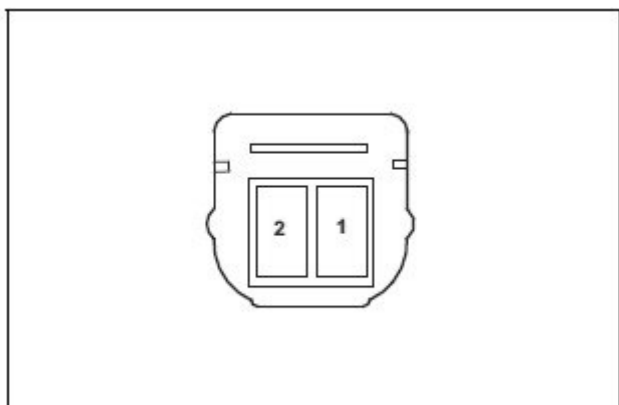
Terminals no.	Wire size	Wire diameter / color	Function
1	Q13	0.35 Y	Driver seat belt pre-tensioner+
2	Q14	0.35 YB	Driver seat belt pre-tensioner

Passenger seat belt pre-tensioner (FO32)



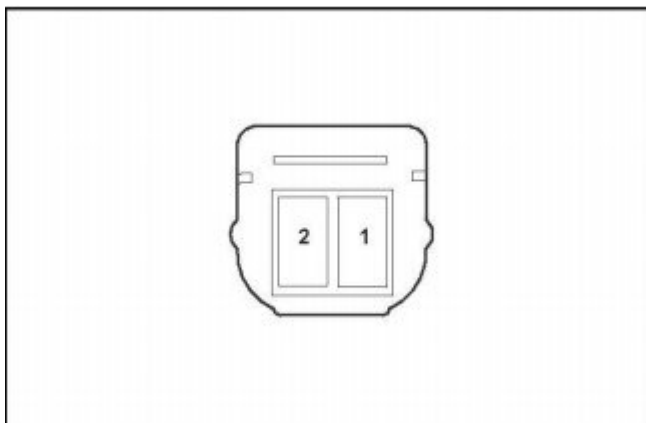
Terminals no.	Wire size	Wire diameter / color	Function
1	Q17	0.35 GY	Passenger seat belt pre-tensioner+
2	Q16	0.35 LR	Passenger seat belt pre-tensioner

Passenger Collision Sensor (FO33)



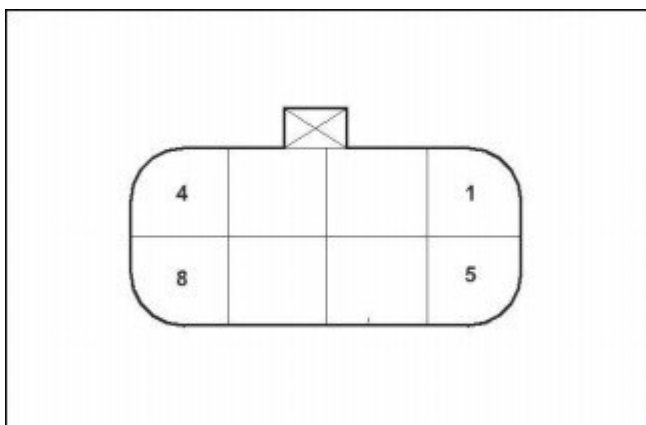
Terminals no.	Wire size	Wire diameter / color	Function
1	Q29	0.35 O	Side collision sensor +
2	Q28	0.35 OG	Side collision sensor

Driver side collision sensor (FO10)

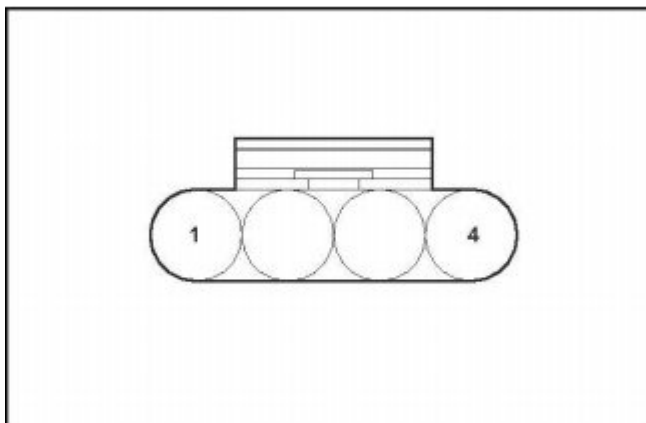


Terminals no.	Wire size	Wire diameter / color	Function
1	Q26	0.35 Br	Driver side collision sensor +
2	Q27	0.35 BrB	Driver side collision sensor

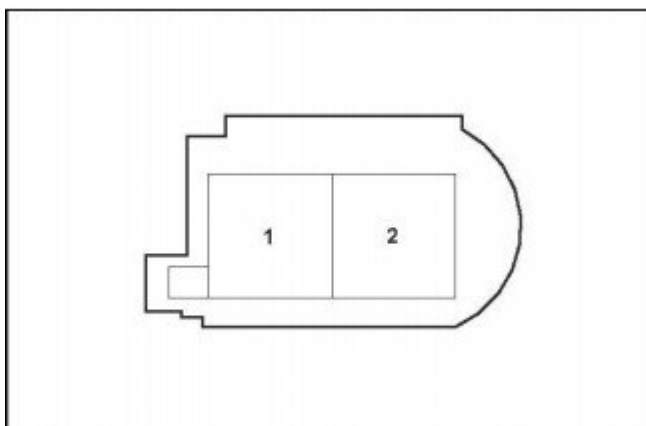
Connect Rear bumper harness (FO46)



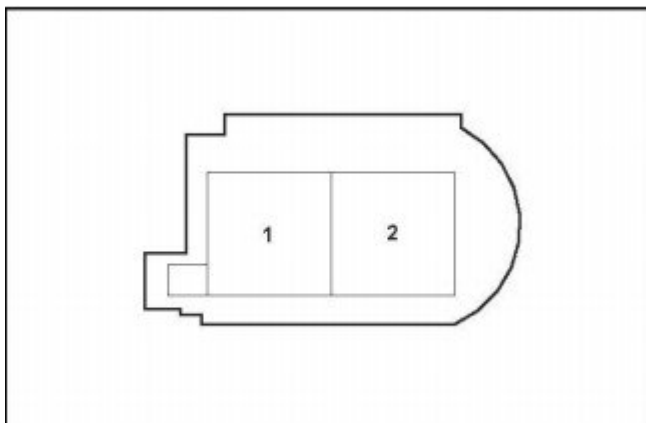
Terminals no.	Wire size	Wire diameter / color	Function
1	G1025B	0.75 B	Fog lamp grounding
2	BC08	0.5 LR	Rear fog lamp power supply
3	LB01	0.35 RY	Reversing radar right sensor signal
4	LB02	0.35 WL	Reversing radar middle sensor signal
5	LB03	0.35 GR	Reversing radar left sensor signal
6	LB04B	0.35 BrW	Reversing radar sensor power supply
7	LB08B	0.35 BrB	Reversing radar sensor grounding
8	-	-	Unused

Fuel pump (FO51)

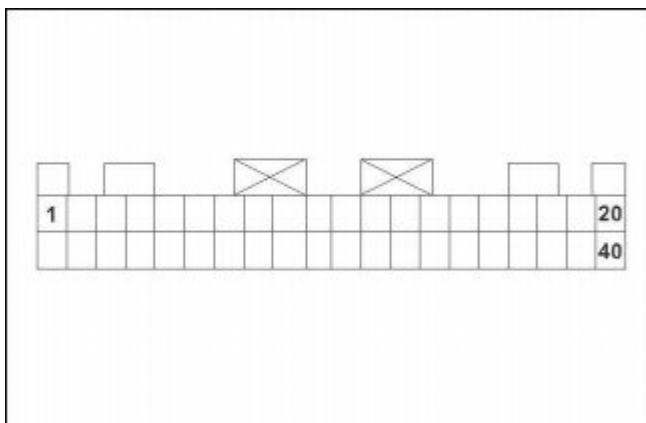
Terminals no.	Wire size	Wire diameter / color	Function
1	I05	0.35 G	Sensor grounding
2	I21	0.35 WB	Oil level signal
3	M691	0.75 YR	Oil pump power supply
4	G1023B	0.75 B	Oil pump grounding

EPB actuator Left (FO52)

Terminals no.	Wire size	Wire diameter / color	Function
1	EB27	2.5 RL	Left motor 2nd foot
2	EB12	2.5 RG	Left motor 2nd foot

EPB actuator right (FO50)

Terminals no.	Wire size	Wire diameter / color	Function
1	EB29	2.5 RW	Right motor 2nd foot
2	EB14	2.5 RY	Right motor 2nd foot

Panoramic image (FO53)

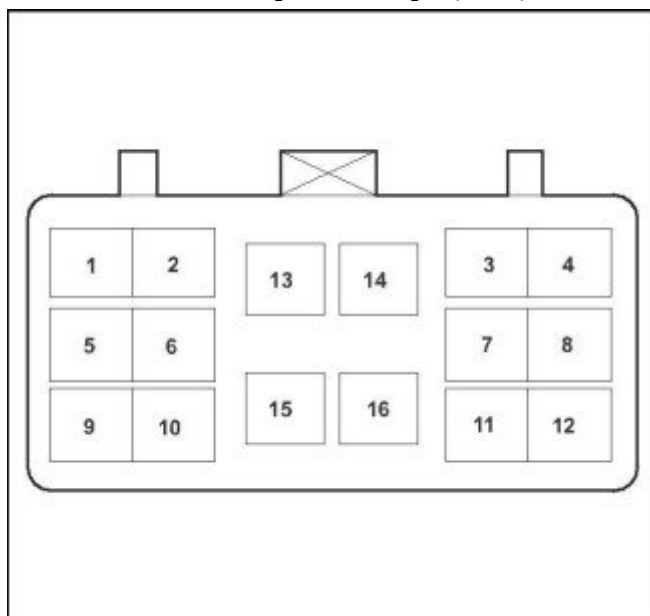
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	G1025E	0.35 B	Grounding
4	QJ04	0.35 L	CAN_L
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	QJ09	0.35 RG	Connect camera video signal

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
10	QJ10	0.35 GW	Left camera power supply
11	QJ11	0.35 BrW	Left camera video signal
12	QJ12	0.35 RW	Front camera power supply
13	QJ13	0.35 BW	Front camera video signal
14	QJ14	0.35 LW	Rear camera power supply
15	QJ15	0.35 LgW	Rear camera video signal
16	QJ16	0.35 GrW	Right camera power supply+
17	QJ17	0.35 YW	Right camera video signal
18	QJ18	0.35 GY	Camera grounding
19	58F3	0.35 L	Backlight power supply
20	-	-	Unused
21	-	-	Unused
22	-	-	Unused
23	-	-	Unused
24	QJ24	0.35 G	CAN_H
25	-	-	Unused
26	-	-	Unused
27	-	-	Unused
28	-	-	Unused
29	QJ29	0.35 GR	Connect camera video signal+
30	QJ30	0.35 O	Left camera power supply
31	QJ31	0.35 W	Left camera video signal+
32	QJ32	0.35 B	Front camera power supply
33	QJ33	0.35 P	Front camera video signal+
34	QJ34	0.35 Br	Rear camera power supply
35	QJ35	0.35 Gr	Rear camera video signal+
36	QJ36	0.35 V	Right camera power supply
37	QJ37	0.35 Y	Right camera video signal+

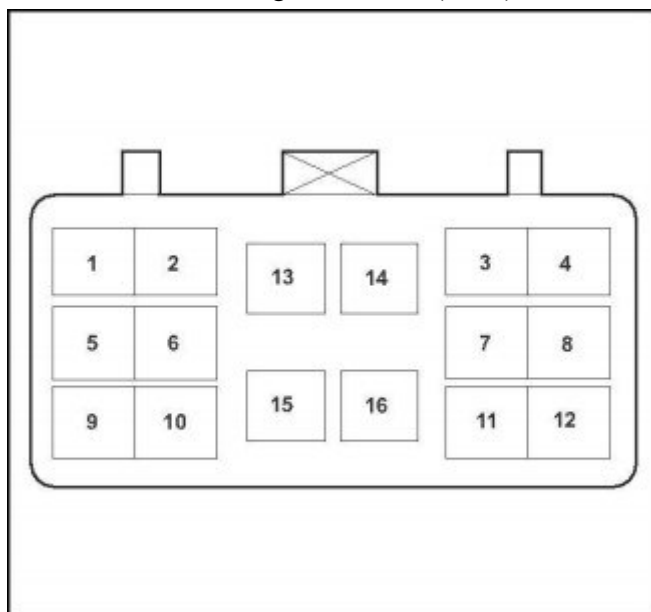
Terminals no.	Wire size	Wire diameter / color	Function
38	-	-	Unused
39	QJ39	0.35 R	Panoramic image normally electronic
40	G1025H	0.35 B	Grounding

Connect Rear door wiring harness-Right (FO34)



Terminals no.	Wire size	Wire diameter / color	Function
1	58F2	0.5 L	Right rear door power window switch backlight power supply
2	BB02B	0.75 WB	Right rear lock motor unlocked+
3	RB01A	0.5 BrW	Right rear loudspeaker+
4	G1022C	0.35 B	Right rear door lock state switch/ power window switch backlight grounding
5	BE29F2	0.35 BW	Right rear door power window switch signal
6	BB01E	0.75 YB	Right rear lock motor locked+
7	RB02A	0.5 LW	Right rear loudspeaker
8	BD08	0.35 GO	Right rear door power window switch lifting signal
9	BD32B	0.35 V	Electric glass clamp
10	-	-	Unused
11	-	-	Unused

12	BE18	0.35 GrR	Right rear door lock state switch
13	BB10	1.5 Y	Right rear window glass motor falls (+)
14	BB06D	2.5 RY	Lock motor/ horn/ steering column lock power supply
15	BB09	1.5 YG	Right rear window glass motor rises (+)
16	G1022F	2.5 B	grounding

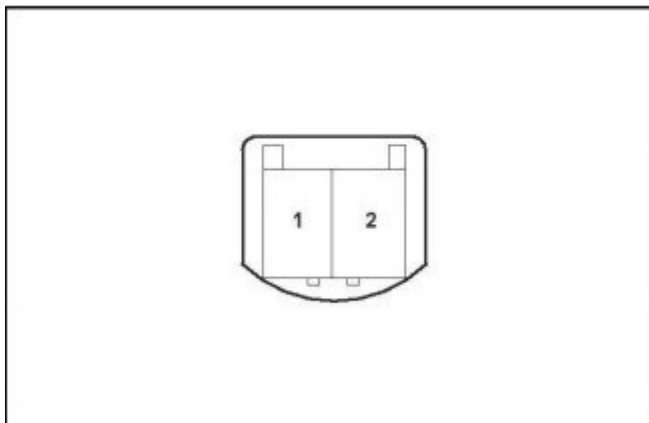
Connect Rear door wiring harness-Left (**FO08**)

Terminals no.	Wire size	Wire diameter / color	Function
1	58F1	0.5 L	Left rear door power window switch backlight power supply
2	BB01D	0.75 YB	Left rear door lock motor locked+
3	RB07A	0.5 BrB	Left rear loudspeaker+
4	G1020B	0.35 B	Left rear door lock state switch grounding
5	BE29F1	0.35 BW	Left rear door power window switch grounding
6	BB02A	0.75 WB	Left rear door lock motor unlocked+
7	RB08A	0.5 LB	Left rear loudspeaker
8	BD07	0.35 YB	Left rear door power window switch lifting signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused

Arrangement of harness and plug instructions

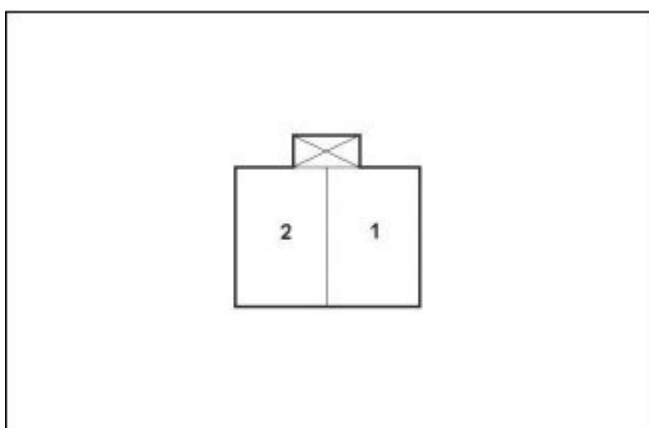
12	BE17	0.35 Br	Left rear door lock state switch signal
13	BA07	1.5 RW	Left rear door glass motor falls+
14	BB06C	2.5 RY	Lock motor/ horn/ steering column lock power supply
15	BA08	1.5 RY	Left rear door glass motor rises+
16	G1020F	2.5 B	Grounding

Driver 側 airbag (FO13)



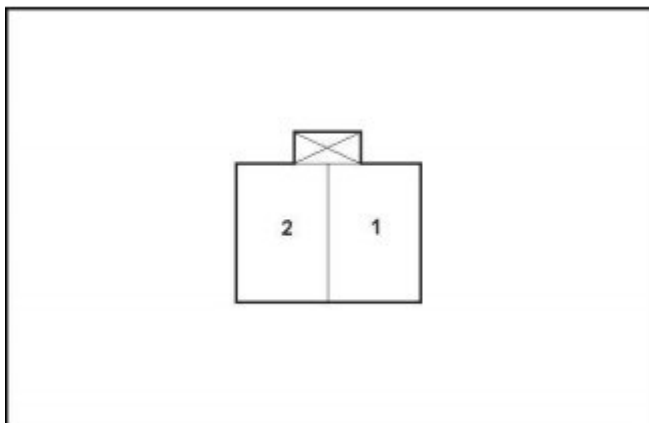
Terminals no.	Wire size	Wire diameter / color	Function
1	Q04	0.35 WL	Side airbag+
2	Q03	0.35 Lg	Side airbag

Lift side air curtain (FO09)



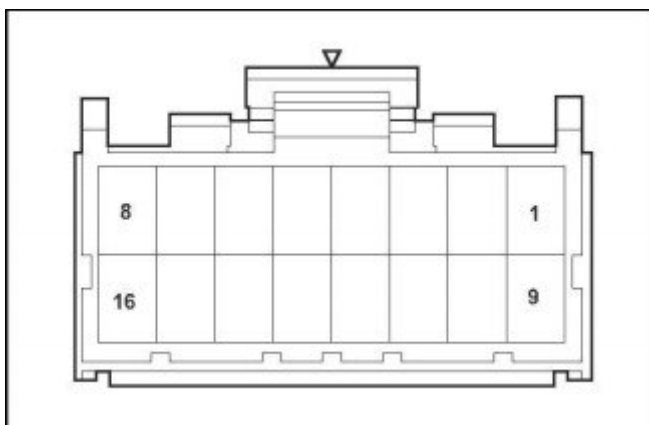
Terminals no.	Wire size	Wire diameter / color	Function
1	Q23	0.35 GO	Lift side air curtain
2	Q22	0.35 LW	Lift side air curtain+

Right side air curtain (FO16)



Terminals no.	Wire size	Wire diameter / color	Function
1	Q24	0.35 WB	Right side air curtain
2	Q25	0.35 GR	Right side air curtain+

tire pressure monitoring module (FO04)

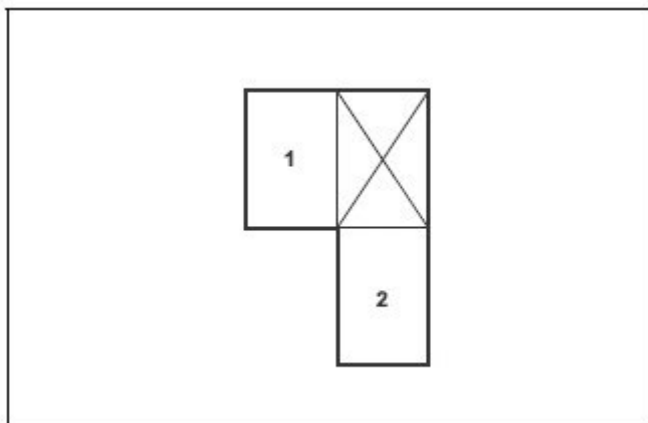


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	IP06B	0.5 RY	Tire pressure monitoring module power supply
3	TY03	0.5 G	CAN_H
4	TY04	0.5 L	CAN_L
5	-	-	Unused
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused

Arrangement of harness and plug instructions

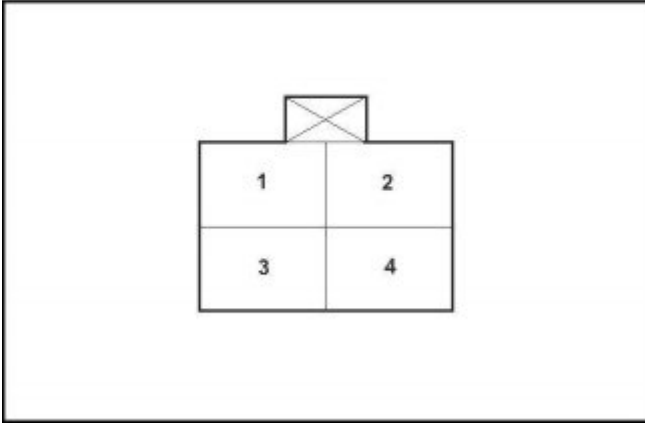
9	G1024C	0.5 B	Tire pressure monitoring module grounding
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Back-up power supply (FO47)



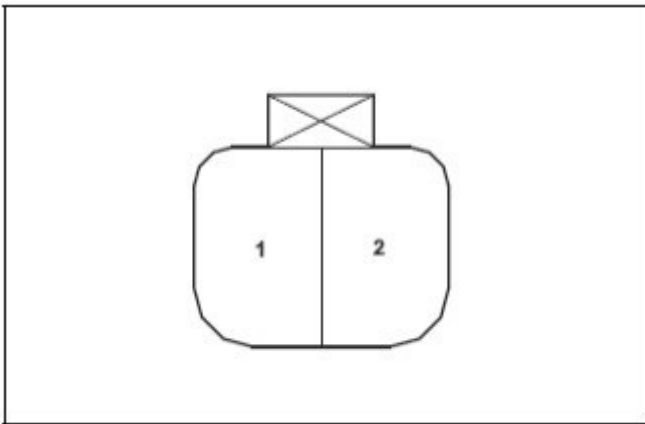
Terminals no.	Wire size	Wire diameter / color	Function
1	G1024B	1.5 B	Grounding
2	N128	1.5 R	Back-up power supply+

Antenna amplifier (Rear defrost) (FO44)



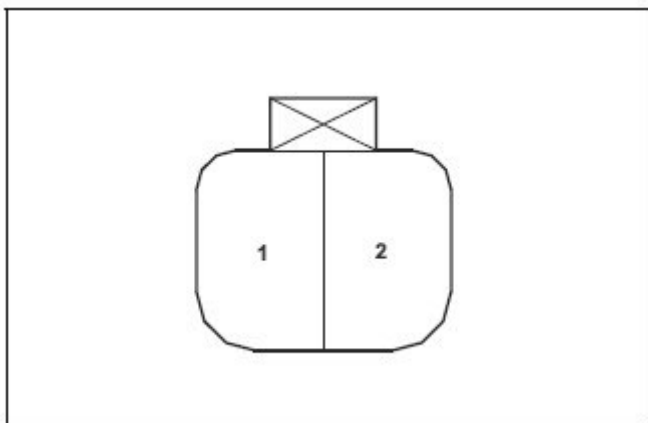
Terminals no.	Wire size	Wire diameter / color	Function
1	N16	2.5 RW	Antenna module power supply
2	N17	2.5 R	Rear defroster power supply
3	RA05	0.35 RG	Antenna signal
4	TX	0.5 B	Grounding

Left side high tone loudspeaker (FO03)



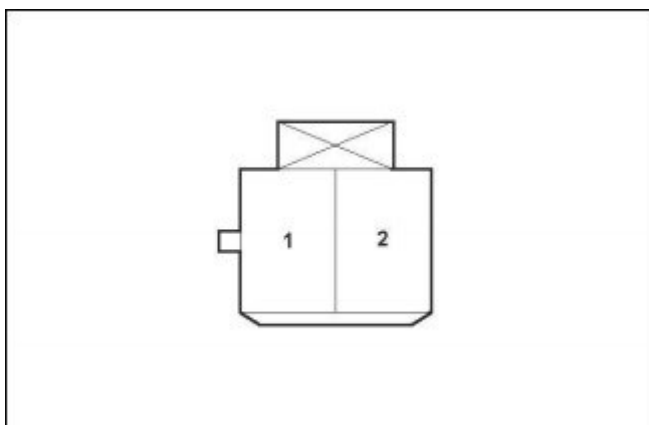
Terminals no.	Wire size	Wire diameter / color	Function
1	RB02B	0.5 LW	Left front loudspeaker
2	RB01B	0.5 BrW	Left front loudspeaker+

Right side high tone loudspeaker (FO40)



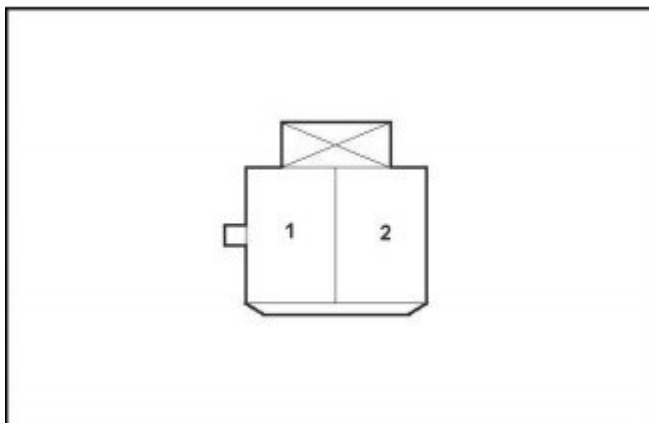
Terminals no.	Wire size	Wire diameter / color	Function
1	RB08B	0.5 LB	Right front loudspeaker
2	RB07B	0.5 BrB	Right front loudspeaker+

Indoor front row low-frequency antenna (FO20)



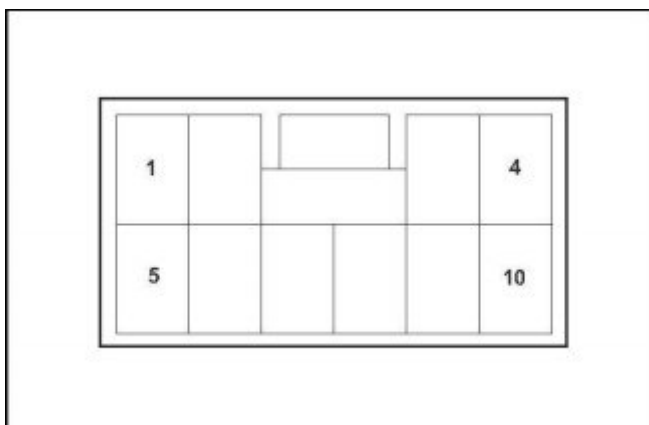
Terminals no.	Wire size	Wire diameter / color	Function
1	PC02	0.35 YB	Front row antenna capacity end
2	PC08	0.35 WR	Front row antenna inductance end

Indoor rear row low-frequency antenna (FO45)



Terminals no.	Wire size	Wire diameter / color	Function
1	PC04	0.35 WB	Rear row antenna capacity end
2	PC10	0.35 V	Rear row antenna inductance end

Connect Rear back door Left harness plug (FO06)



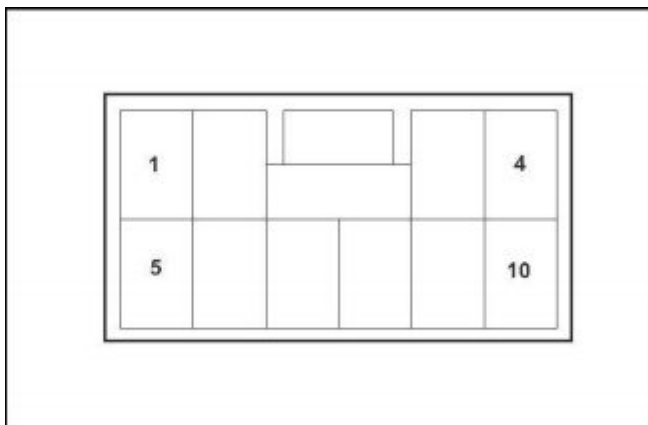
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC03C	0.5 GW	Rear clearance lamp/ license plate lamp power supply
3	-	-	Unused
4	LA10	0.5 WL	Rear back-up lamp power supply
5	BD18	0.5 GrB	Rear wiper stop position signal
6	BE20	0.35 BrY	Rear back door lock state switch signal
7	JD05	0.75 Br	Rear wiper motor power supply
8	JD04	0.75 L	Back door unlock motor power supply

Arrangement of harness and plug instructions

9	BE04	0.35 PW	Rear back door open switch signal
10	BC04C	0.35 YB	Rear brake lamp power supply

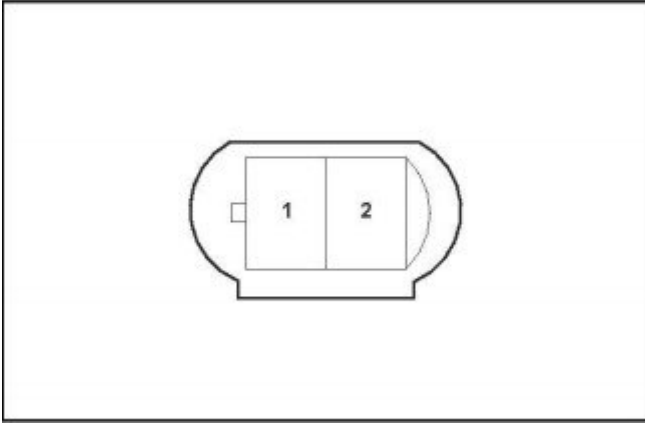
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Connect rear back door right harness plug (FO07)



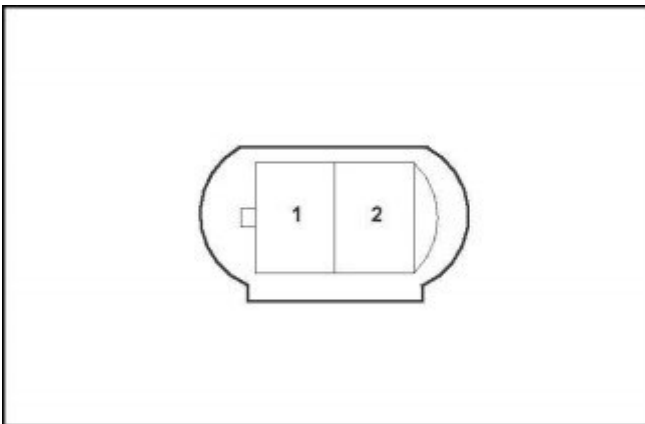
Terminals no.	Wire size	Wire diameter / color	Function
1	N17	2.5 R	Rear defrost heater power supply
2	BC04D	0.35 YB	High level brake lamp power supply
3	G1025A	0.35 B	Grounding
4	TX	0.5 B	Antenna
5	RC08	0.35 WB	Camera
6	RC07	0.35 RB	Camera power supply
7	RC06	0.5W	Camera video
8	RC05	0.5 WR	Camera video+
9	R02A	0.5 L	CAN_L
10	R01A	0.5 G	CAN_H

Right rear wheel speed sensor (F036)



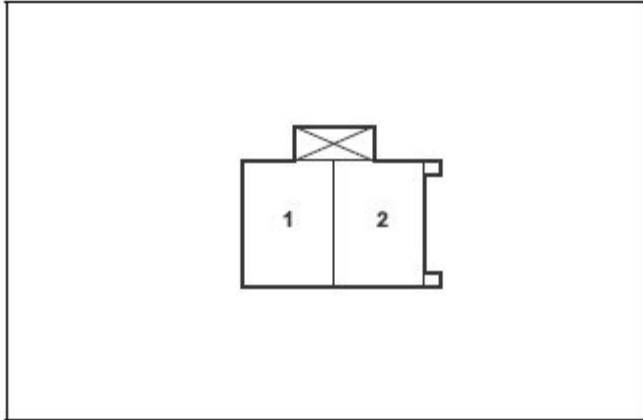
Terminals no.	Wire size	Wire diameter / color	Function
1	A29	0.35 Lg	Sensor signal output
2	A17	0.35 O	Sensor power supply

Left rear wheel speed Sensor (F005)



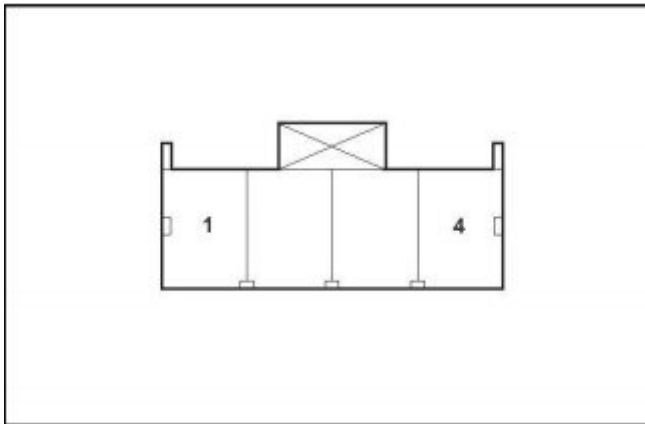
Terminals no.	Wire size	Wire diameter / color	Function
1	A18	0.35 WL	Sensor signal output
2	A31	0.35 W	Sensor power supply

Trunk lamp (FO02)



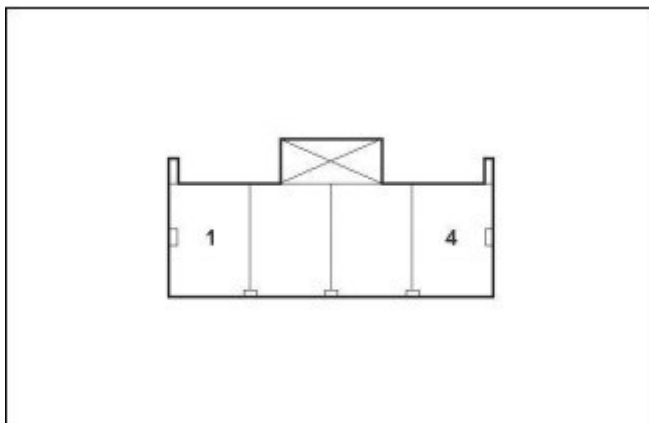
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12	0.5 GL	Battery power saving output
2	BA02	0.5 GrR	Rear back door lamp power supply

Right rear combination lamp (fixed end) (FO42)



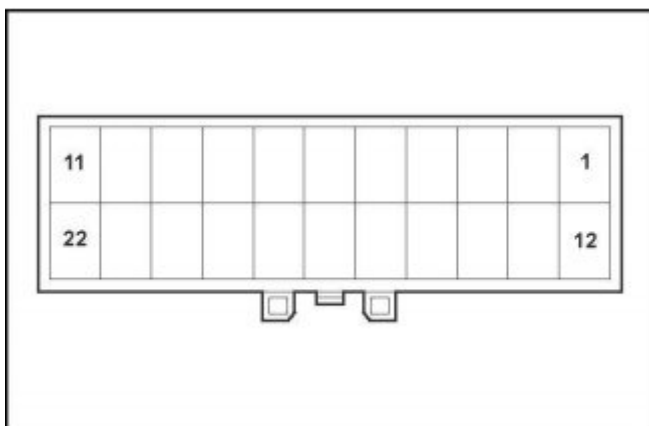
Terminals no.	Wire size	Wire diameter / color	Function
1	BC01	0.35 LY	Right rear steering lamp power supply
2	BC04A	0.35 YB	Right rear brake lamp power supply
3	BC03A	0.5 GW	Right rear clearance lamp power supply
4	G1025C	0.5 B	Lamp grounding

Left rear combination lamp (fixed part) (FO01)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC02	0.35 LW	Left rear steering lamp power supply
2	BC04B	0.35 YB	Left rear brake lamp power supply
3	BC03B	0.5 GW	Left rear clearance lamp power supply
4	G1024	0.5 B	Lamp grounding

Connect Engine room wiring harness plug A (FO18)

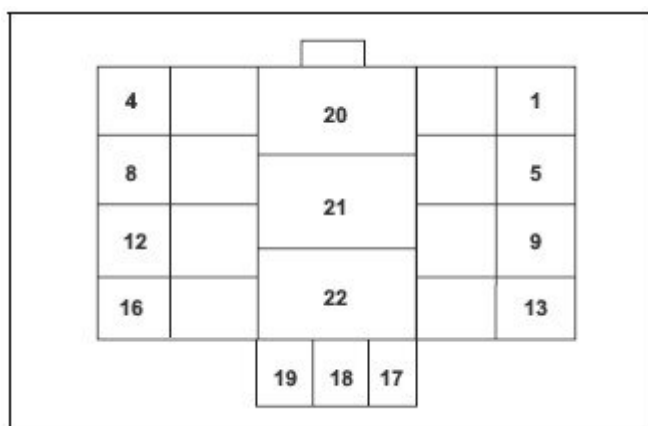


Terminals no.	Wire size	Wire diameter / color	Function
1	A17	0.35 O	Right rear wheel speed sensor power supply
2	A29	0.35 Lg	Right rear wheel speed sensor signal
3	QJ33	0.35 P	Front camera video signal+
4	A18	0.35 W	Left rear wheel speed sensor signal
5	A31	0.35 WL	Left rear wheel speed sensor power supply
6	-	-	Unused

Arrangement of harness and plug instructions

7	AL05	0.35 GY	Right regulating controller signal
8	AL06	0.35 LR	Right regulator motor position feedback
9	AL07	0.35 GR	Left adjustment controller signal
10	AL08	0.35 OG	Left regulator motor position feedback
11	AL09	0.35 BrW	Front height sensor signal
12	N128	1.5 R	Back-up power supply+
13	M691	0.75 YR	Fuel pump motor power supply
14	-	-	Unused
15	EB13	2.5 RB	Power supply
16	EB15	2.5 RG	Power supply
17	LB08A	0.35 BrB	Reversing radar sensor grounding
18	LB04A	0.35 BrW	Reversing radar sensor power supply
19	LA06	0.35 YBr	Left front radar sensor signal
20	LA05	0.35 V	Left middle radar sensor signal
21	LA04	0.35 O	Right middle radar sensor signal
22	LA03	0.35 W	Right front radar sensor signal

Connect Engine room wiring harness plug **B (FO19)**

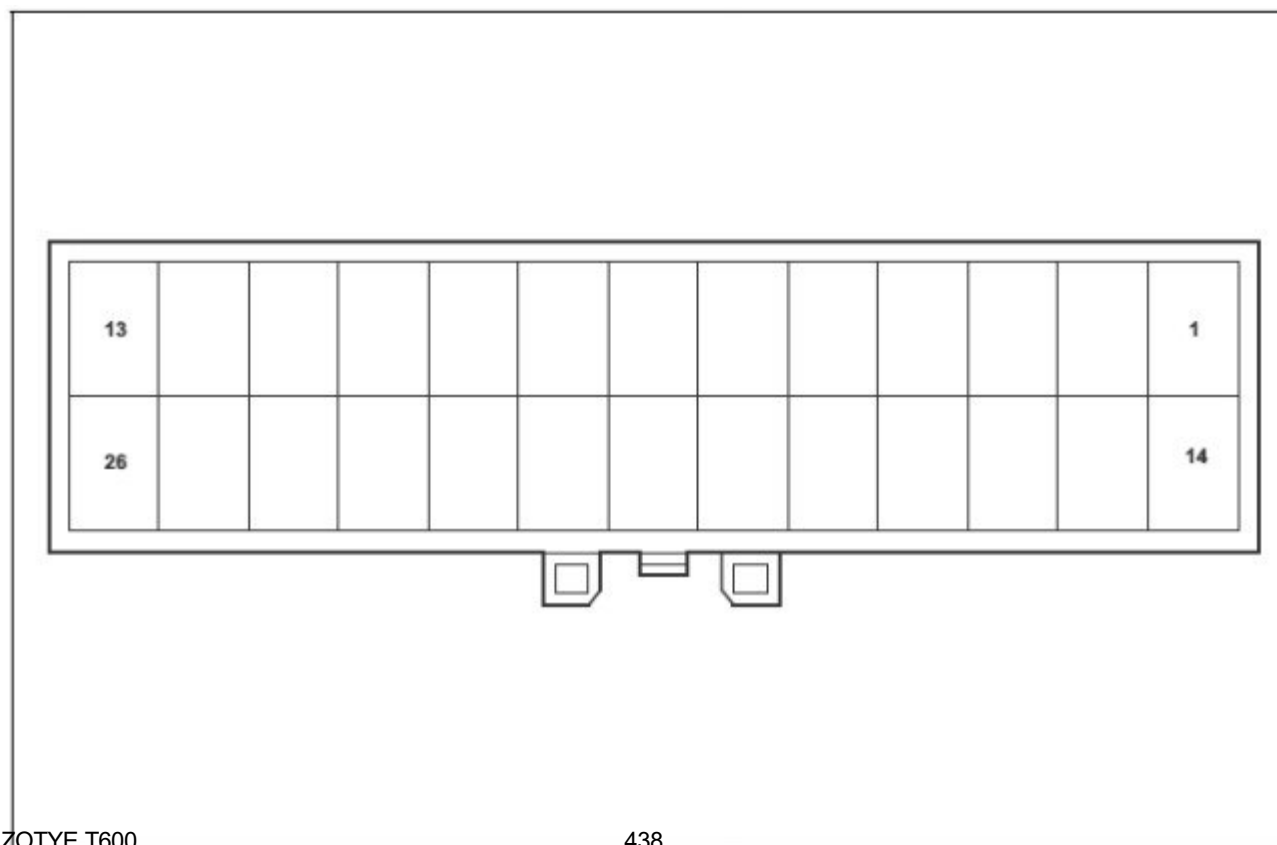


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	LC02	0.35 BrB	blind spot detection probe

Arrangement of harness and plug instructions

4	LC06	0.35 RY	Front right blind spot detection probe data
5	LC05	0.35 GR	Front left blind spot detection probe data
6	LC01	0.35 BrW	Blind spot detection probe power supply
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused
17	QJ12	0.35 RW	Front camera power supply +
18	QJ13	0.35 BW	Front camera video signal
19	QJ32	0.35 B	Front camera power supply
20	ZY01	2.5 RY	Left power seat regulation power supply
21	ZY02	2.5 R	Right power seat regulation power supply
22	-	-	Unused

Connect instrument panel wiring harness plug A (FO17)

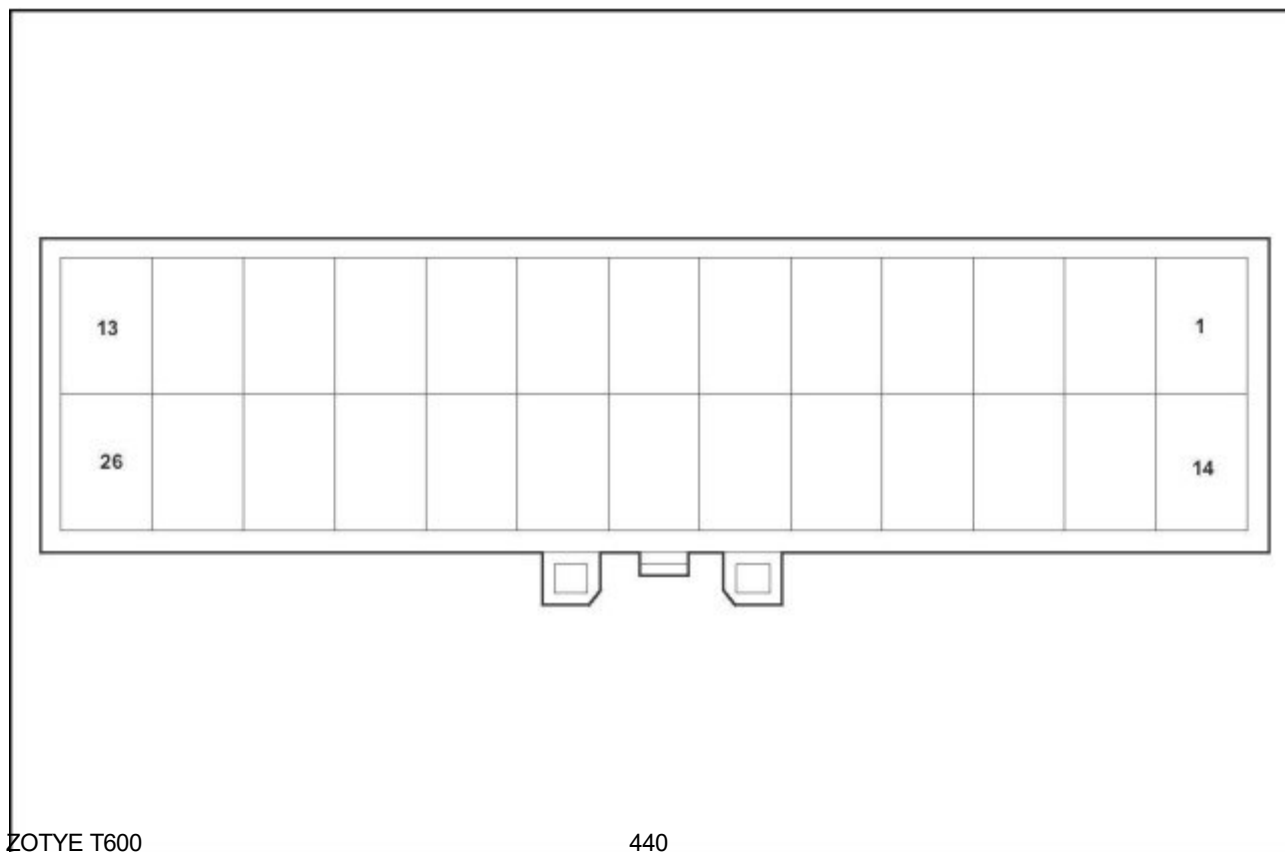


Terminals no.	Wire size	Wire diameter / color	Function
1	BB01A	0.75 YB	Door lock motor interlocks+
2	-	-	Unused
3	BE29F	0.35 BW	BCM signal
4	IP06	0.5 RY	Tire pressure monitoring ON gear power supply
5	AL01	0.5 R	Rear vehicle height sensor ON power supply
6	BC02	0.5 LW	Left steering lamp power supply
7	BA02	0.5 GrR	Trunk lamp power supply
8	BB02	0.75 WB	Door lock motor unlocked +
9	I19	0.35 GR	Driver safety belt switch signal
10	I21	0.35 WB	Fuel pump oil level signal
11	I05	0.35 G	Oil level sensor
12	BC03	0.5 GW	Clearance lamp+
13	BE17	0.35 Br	Left rear door lock state switch
14	BD07	0.35 YB	Left rear door power window switch

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	RB07	0.5 BrB	Left rear loudspeaker+
16	RB08	0.5 LB	Left rear loudspeaker
17	BA08	1.5 RY	Left rear window motor rises+
18	BA07	1.5 RW	Left rear window motor falls+
19	58F	0.5 L	Left rear door power window switch backlight power supply
20	BC12	0.5 GL	Battery power saving output
21	BE20	0.35 BrY	Back-up door lock state switch
22	JD05	0.75 Br	Rear wiper power supply
23	BD18	0.5 GrB	Rear wiper stop signal
24	BC04	0.5 YB	Brake lamp+
25	JD04	0.75 L	Back door unlock motor+
26	BE04	0.35 PW	Back-up door open switch signal

Connect Instrument panel wiring harness plug C (FO29)



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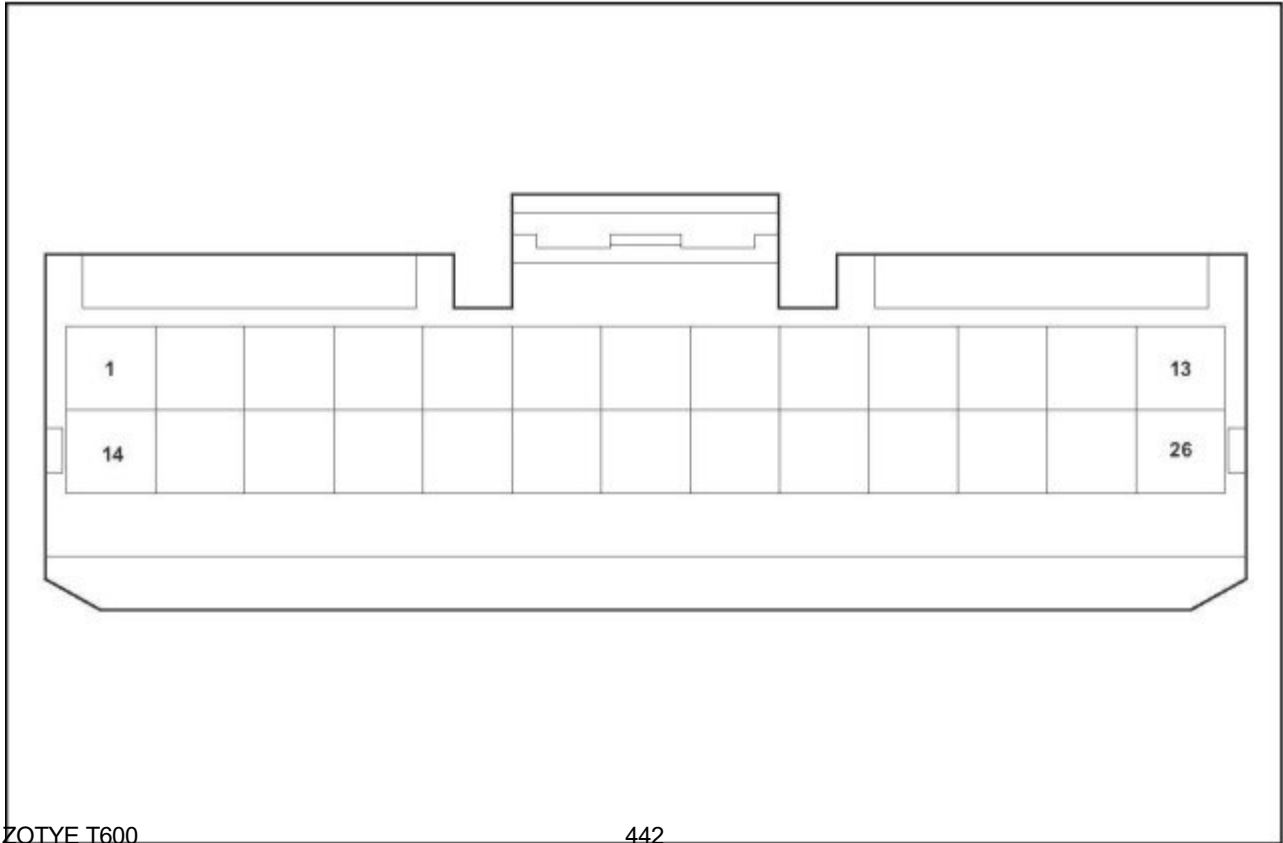
440

Terminals no.	Wire size	Wire diameter / color	Function
1	BD08	0.35 GO	Right rear door power window switch signal
2	RB01	0.5 BrW	Right rear loudspeaker+
3	RB02	0.5 LW	Right rear loudspeaker
4	I07	0.35 BrG	Passenger seat gravity sensor signal
5	R01	0.5 G	Camera CAN_H
6	R02	0.5 L	Camera CAN_L
7	RC05	0.5 WR	Camera video+
8	RC06	0.5 W	Camera video
9	RC07	0.35 RB	Camera power supply
10	RC08	0.35 WB	Camera grounding
11	RA05	0.35 RG	Automatic antenna
12	BB09	1.5 YG	Right rear window glass motor rises (+)
13	BB10	1.5 Y	Right rear window glass motor falls (+)
14	BC01	0.5 LY	Right rear steering lamp control

Arrangement of harness and plug instructions

Terminals no.	Wire size	Wire diameter / color	Function
15	PC10	0.35 V	Rear row antenna inductance end
16	PC04	0.35 WB	Rear row antenna capacity end
17	PC08	0.35 WR	Front row antenna inductance end
18	PC02	0.35 YB	Front row antenna capacity end
19	BC08	0.5 LR	Rear fog lamp control
20	I22	0.5 WL	Back-up switch signal (to instrument, back-up module and back-up lamp)
20	LA10	0.5 WL	Back-up switch signal (to instrument and back-up lamp)
21	I24	0.35 YB	Back-up controller clock signal
22	I23	0.35 Y	Back-up controller alarm signal
23	LA01	0.5 R	Back-up controller power supply
24	BE18	0.35 GrR	Right rear door lock state switch
25	I08	0.35 BrW	Passenger safety belt switch signal
26	N16	2.5 RW	Antenna amplifier power supply

Connect instrument panel wiring harness plug **B (FO30)**



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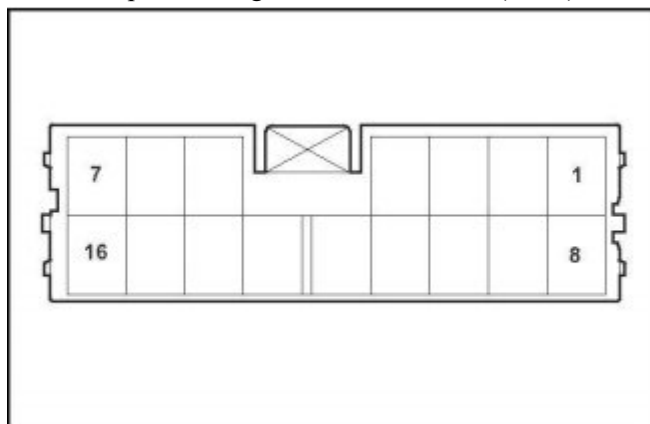
442

Terminals no.	Wire size	Wire diameter / color	Function
1	LA09	0.35 RB	Blind spot detection system switch LED drive end
2	-	-	Unused
3	-	-	Unused
4	LA11	0.5 RY	Front radar switch signal
5	BD32C	0.35 V	glass clamp signal
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	-	-	Unused
13	-	-	Unused
14	-	-	Unused

Arrangement of harness and plug instructions

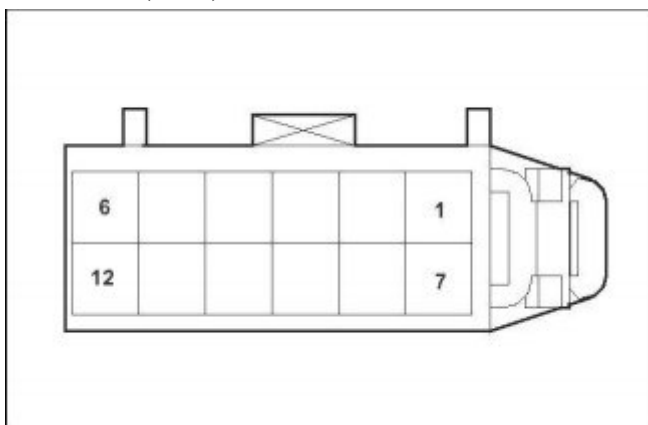
Terminals no.	Wire size	Wire diameter / color	Function
15	-	-	Unused
16	-	-	Unused
17	-	-	Unused
18	-	-	Unused
19	-	-	Unused
20	-	-	Unused
21	-	-	Unused
22	-	-	Unused
23	BB06A	2.5 RY	Locking motor/ Horn/ Steering column lock
24	-	-	Unused
25	EB11	0.5 RY	Ignition switch
26	EB26	0.5 R	Control circuit power supply

Instrument panel wiring harness connector **D (FO35)**



Terminals no.	Wire size	Wire diameter / color	Function
1	Q02	0.35 BY	Passenger airbag
2	Q01	0.35 OG	Passenger airbag +
3	Q16	0.35 LR	Passenger seat belt pre-tensioner
4	Q17	0.35 GY	Passenger seat belt pre-tensioner+
5	Q28	0.35 OG	Right side collision sensor
6	Q23	0.35 GO	Lift side air curtain

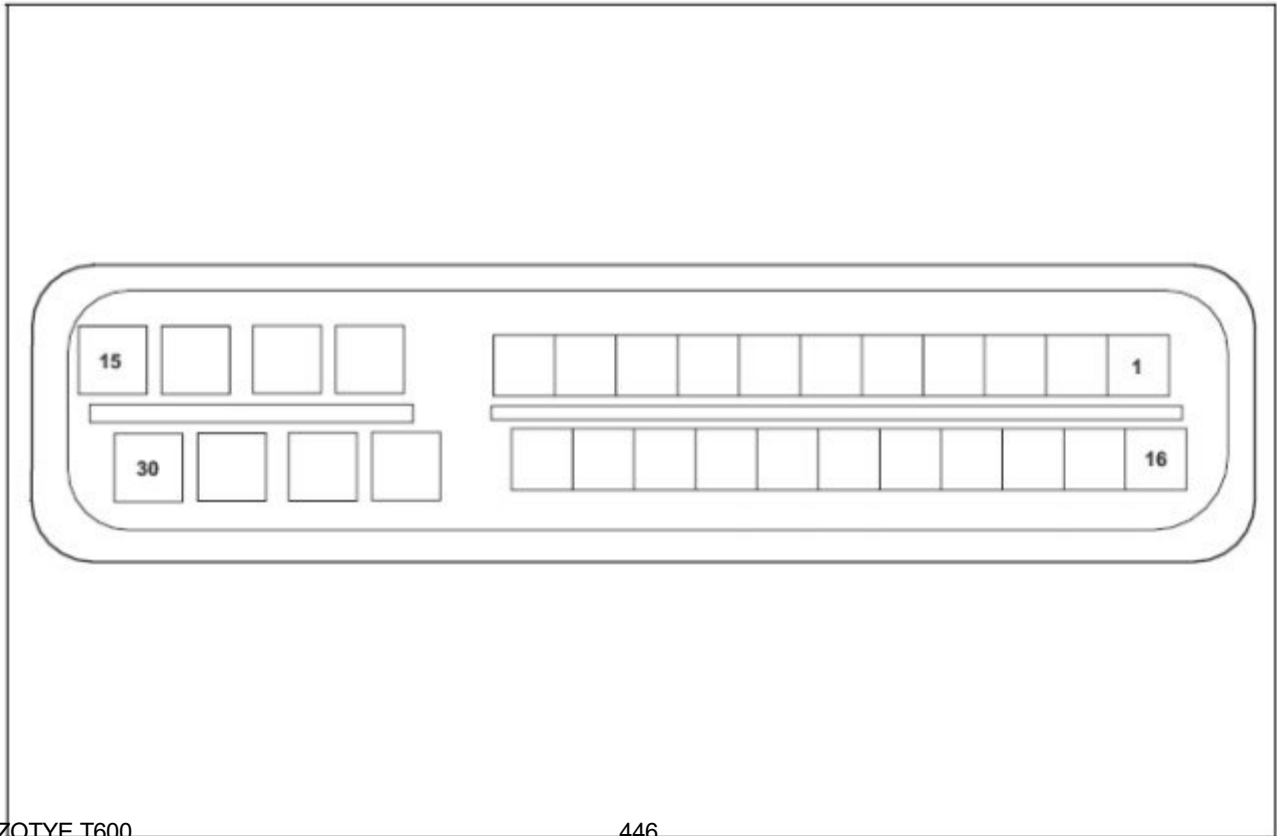
7	Q22	0.35 LW	Lift side air curtain+
8	Q04	0.35 WL	Driver side airbag +
9	Q03	0.35 Lg	Driver side airbag
10	Q14	0.35 YB	Driver seat belt pre-tensioner
11	Q13	0.35 Y	Driver seat belt pre-tensioner+
12	Q26	0.35 Br	Left side collision sensor +
13	Q27	0.35 BrB	Left side collision sensor
14	Q29	0.35 O	Right side collision sensor +
15	Q24	0.35 WB	Right side air curtain
16	Q25	0.35 GR	Right side air curtain+

EPB Switch (FO21)

Terminals no.	Wire size	Wire diameter / color	Function
1	EB25	0.5 LO	Releasing button normally open contactor
2	EB24	0.5 LY	Parking button normally open contactor
3	EB03	0.5 GW	Parking indicator lamp
4	-	-	Unused
5	EB23	0.5 GBr	Mode button
6	58M	0.5 L	Parking control switch backlight power supply
7	EB22	0.5 GB	Parking control switch power supply
8	EB10	0.5 GV	Releasing button normally closed contactor
9	EB09	0.5 GL	Parking button normally closed contactor

Arrangement of harness and plug instructions

10	EB02	0.5 GR	Automatic mode indicator lamp
11	-	-	Unused
12	G1502	0.5 B	Grounding

EPB module (FO22)

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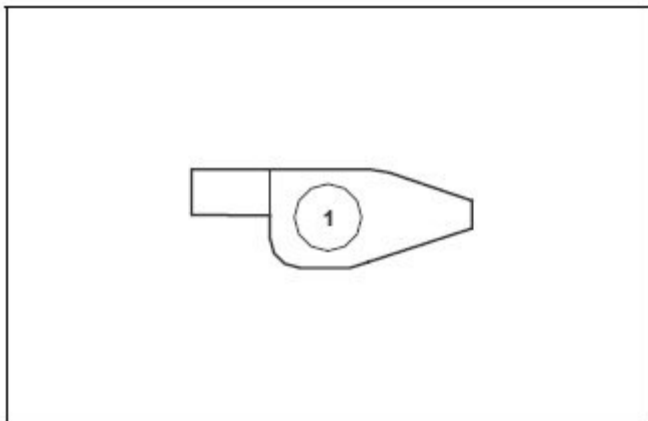
446

Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	EB02	0.5 GR	Automatic mode indicator lamp
3	EB03	0.5 GW	Parking indicator lamp
4	-	-	Unused
5	-	-	Unused
6	EB06	0.5 LB	Clutch position sensor grounding
7	-	-	Unused
8	-	-	Unused
9	EB09	0.5 GL	Parking button normally closed contactor
10	EB10	0.5 GV	Releasing button normally closed contactor
11	EB11	0.5 RY	Ignition switch
12	EB12	2.5 R	Left motor 2nd foot
13	EB13	2.5 RB	Left motor power supply
14	EB14	2.5 RY	Right motor 2nd foot

Arrangement of harness and plug instructions

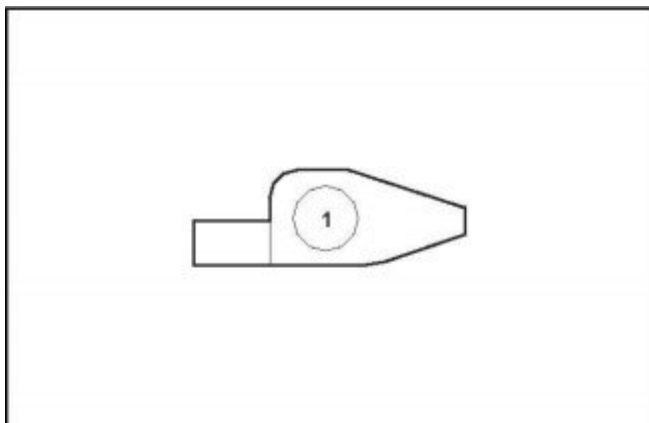
Terminals no.	Wire size	Wire diameter / color	Function
15	EB15	2.5 RG	Right motor power supply
16	EB16	0.35 L	CAN bus LOW
17	EB17	0.35 G	CAN bus HIGH
18	-	-	Unused
19	-	-	Unused
20	EB20	0.5 LR	Clutch position sensor power supply
21	EB21	0.5 LW	Clutch position sensor signal input
22	EB22	0.5 GB	Parking control switch power supply
23	EB23	0.5 GBr	Mode button
24	EB24	0.5 LY	Parking button normally open contactor
25	EB25	0.5 LO	Releasing button normally open contactor
26	EB26	0.5 R	control circuit power supply
27	EB27	2.5 RL	Left motor 2nd foot
28	EB28	2.5 B	Left motor
29	EB29	2.5 RW	Right motor 2nd foot
30	EB30	2.5 B	Right motor

Bonding 1 (G1020) (FO12)



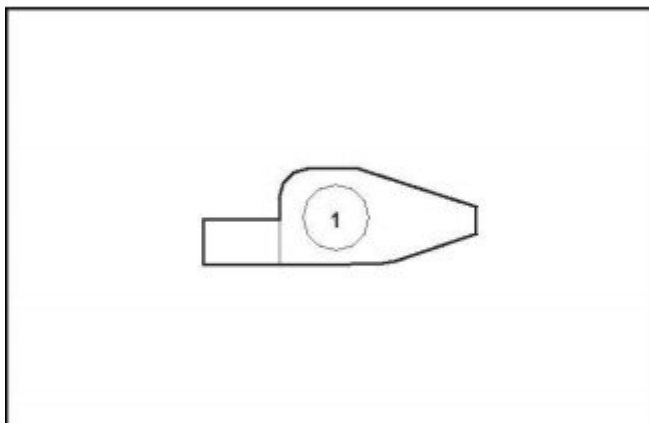
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020	2.5 B	Refer to “grounding location, function and distribution”

Bonding 2 (G1022) (FO31)



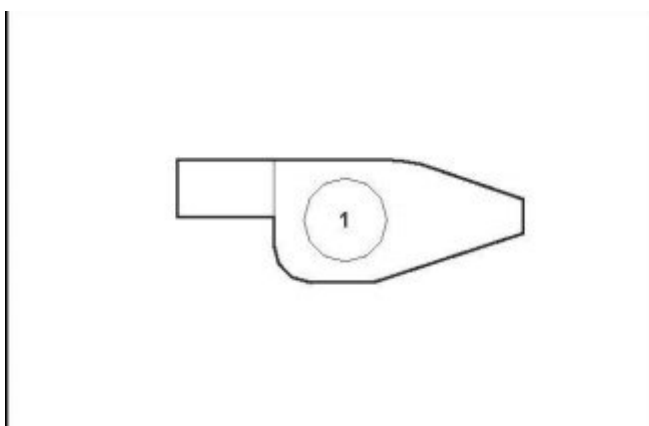
Terminals no.	Wire size	Wire diameter / color	Function
1	G1022	2.5 B	Refer to “grounding location, function and distribution”

Bonding 4 (G1023) (FO41)



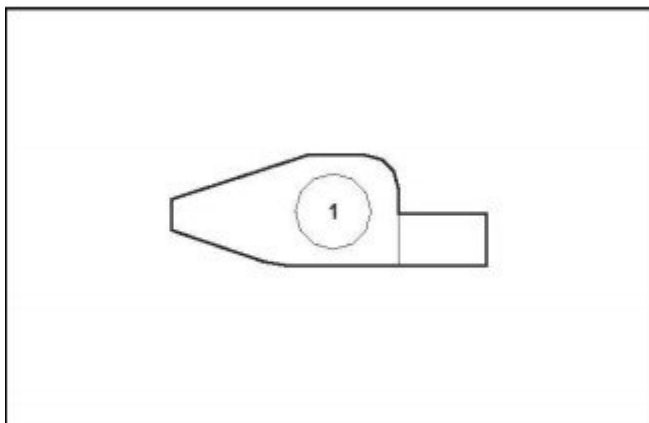
Terminals no.	Wire size	Wire diameter / color	Function
1	G1023	0.75 B	Refer to “grounding location, function and distribution”

Bonding5 (G1024) (FO48)



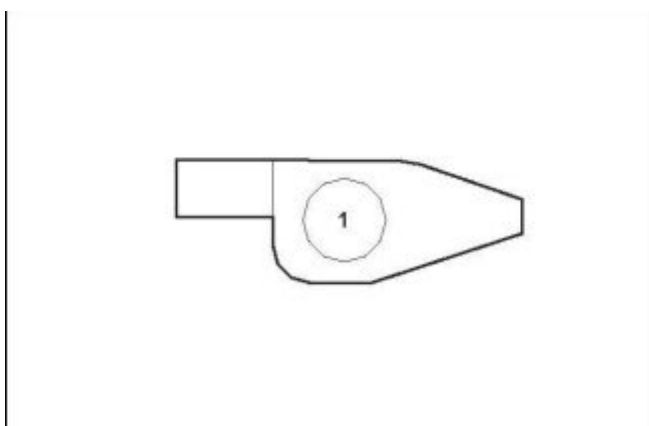
Terminals no.	Wire size	Wire diameter / color	Function
1	G1024	0.75 B	Refer to “grounding location, function and distribution”

Bonding 6 (G1025) (FO43)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1025	0.75 B	Refer to “grounding location, function and distribution”

Bonding 28 (FO23)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1502	0.5 B	Refer to “grounding location, function and distribution”
	EB28	2.5 B	
	EB30	2.5 B	

Front door wiring harness-Left

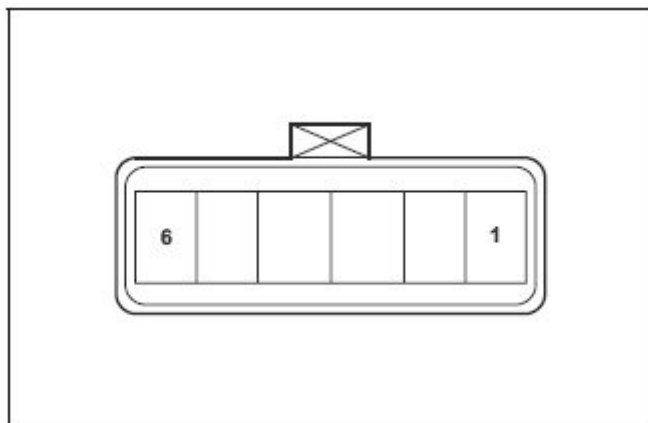


Front door wiring harness-Left plug definition

Plug code	Connected electrical equipment
FL01	Left front door lock
FL02	Door knob antenna
FL03	Left front door power window control switch
FL04	power mirror Switch
FL05	Glass lifter motor
FL06	Power mirror
FL07	High tone loudspeaker
FL08	Connect instrument panel wiring harness plug 1
FL09	Connect instrument panel wiring harness plug 2
FL10	Bonding
FL11	Door open warning light
FL12	Full frequency loudspeaker
FL13	Left camera

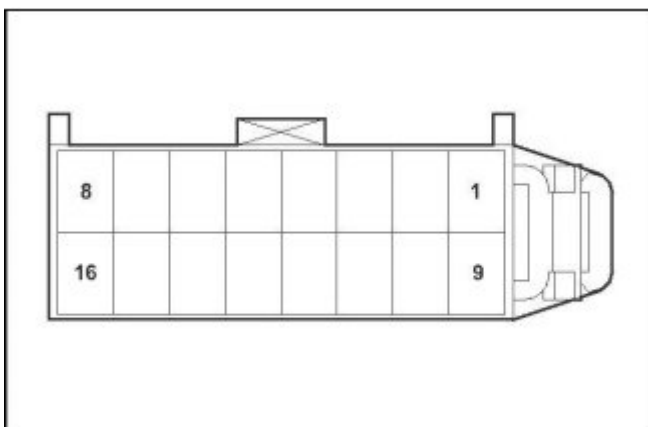
Front door wiring harness-Left plug Description

Left front door lock (FL01)



Terminals no.	Wire size	Wire diameter / color	Function
1	BE15	0.35 RY	Left front door lock state Switch locked signal
2	-	-	Unused
3	BB01	0.75 YB	Left front door lock motor locked+
4	BB02	0.75 WB	Left front door lock motor unlocked+
5	G1013B	0.35 B	door lock grounding
6	BE27	0.35 GY	Left front door lock state switch unlocked signal

Left front door power window control switch (FL03)

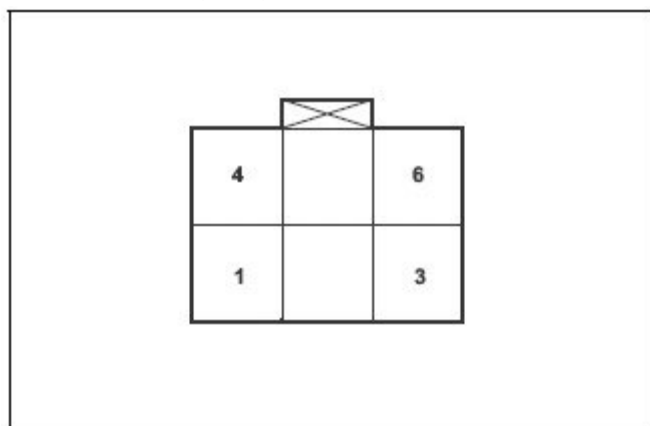


Terminals no.	Wire size	Wire diameter / color	Function
1	58C	0.5 L	Left front door power window switch backlight power supply
2	BD11	0.35 WL	Left front door power window switch right rear glass lifting signal

Arrangement of harness and plug instructions

3	BD12	0.35 YB	Left front door power window switch right front glass lifting signal
4	BE14	0.35 RY	Child lock switch signal
5	BE29C	0.35 BW	Left front power window switch/ center control lock switch grounding
6	-	-	Unused
7	-	-	Unused
8	-	-	Unused
9	G1013C	0.5 B	Left front door power window Switch backlight grounding
10	BD10	0.35 GO	Left front door power window switch left rear glass lifting signal
11	BD13	0.35 BrG	Left front door power window switch left front glass lifting signal
12	BD06	0.35 LR	Center control lock switch signal
13	-	-	Unused
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Glass lifter motor (FL05)

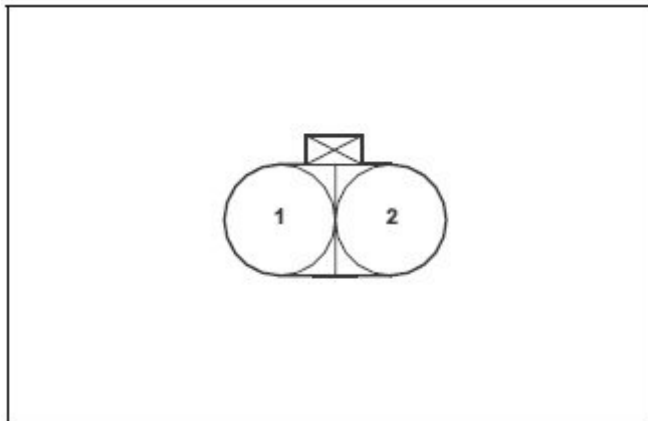


Terminals no.	Wire size	Wire diameter / color	Function
1	BB08A	1.5 GB	Left front glass lifting motor power supply
2	G1013F	1.5 B	Grounding
3	-	-	Unused

Arrangement of harness and plug instructions

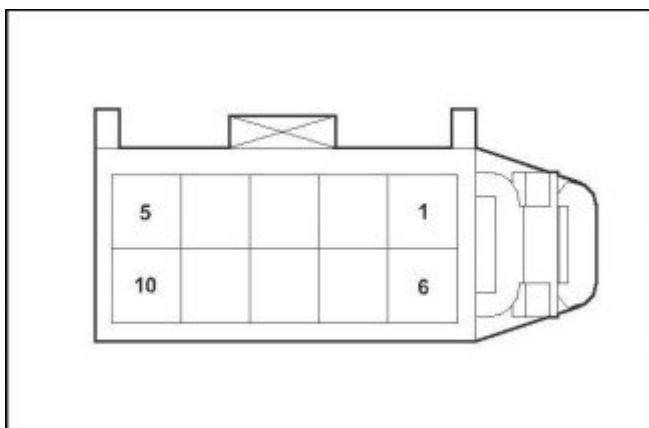
4	BD32D	0.5 V	Left front glass clamp signal
5	-	-	Unused
6	-	-	Unused

Glass lifter motor (FL05)



Terminals no.	Wire size	Wire diameter / color	Function
1	BA12	1.5 GB	Left front glass lifting motor rises
2	BA11	1.5 GR	Left front glass lifting motor falls

Power mirror switch (FL04)

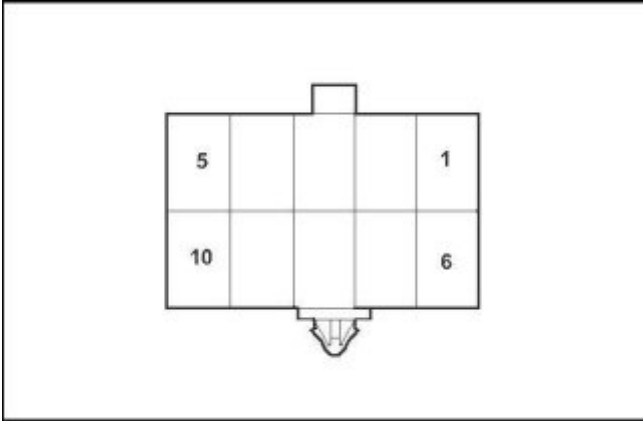


Terminals no.	Wire size	Wire diameter / color	Function
1	N02B	0.35 OG	Grounding
2	N05	0.35 PW	Right rearview mirror motor turning up and down+
3	AC02	0.35 V	Power mirror switch ACC gear power supply
4	N04	0.35 RY	Right rearview mirror motor turning left and right+
5	N06	0.35 LR	Left rearview mirror motor turning left and right+

Arrangement of harness and plug instructions

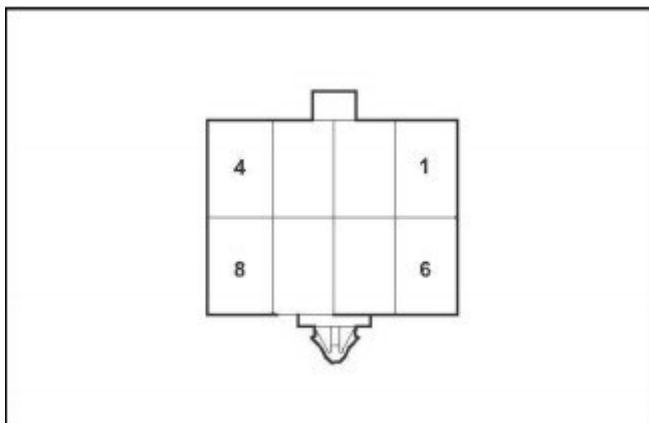
6	N07	0.35 LW	Left rearview mirror motor turning up and down+
7	G1013D	0.5 B	Switch grounding
8	-	-	Unused
9	-	-	Unused
10	-	-	Unused

Power mirror (FL06)



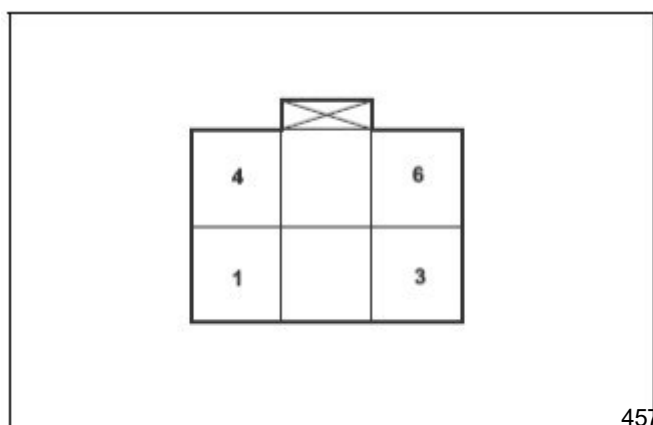
Terminals no.	Wire size	Wire diameter / color	Function
1	BC02C	0.35 LW	Steering lamp +
2	G1013E	0.5 B	Defroster and steering lamp grounding
3	N02A	0.35 OG	Grounding
4	N06	0.35 LR	Left rearview mirror motor turning left and right+
5	N07	0.35 LW	Left rearview mirror motor turning up and down+
6	N15	0.35 BrG	Left rearview mirror defroster power supply
7	JD06A	0.75 GrW	Left rearview mirror motor folded+
8	JD07A	0.75 V	Left rearview mirror motor open+
9	BC12	0.5 GL	Energy saving output
10	BA01	0.5 G0	Down-corner lamp grounding

Power mirror (FL06)



Terminals no.	Wire size	Wire diameter / color	Function
1	N07	0.35 LW	Left rearview mirror motor turning up and down+
2	N06	0.35 LR	Left rearview mirror motor turning left and right+
3	N02A	0.35 OG	Grounding
4	JD06A	0.75 GrW	Left rearview mirror motor folded+
5	JD07A	0.75 V	Left rearview mirror motor open+
6	N15	0.35 BrG	Left rearview mirror defroster power supply
7	G1013E	0.5 B	Defroster and steering lamp grounding
8	BC02C	0.5 LW	Steering lamp+

Left Camera (FL13)



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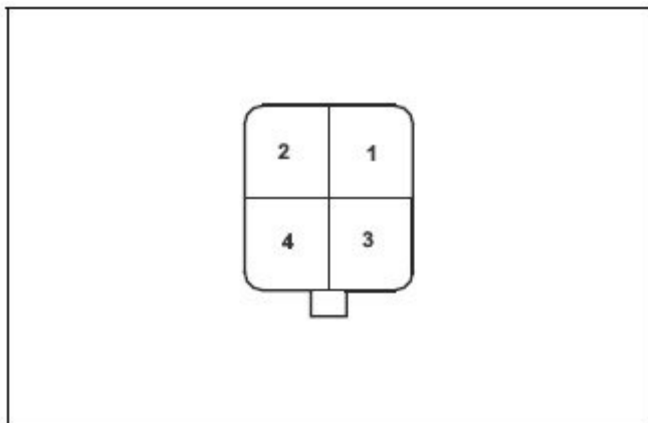
ZotyeT600

Terminals no.	Wire size	Wire diameter / color	Function
1	QJ31	0.35 W	Left camera video signal+
2	QJ11	0.35 BrW	Left camera video signal
3	-	-	Unused

Arrangement of harness and plug instructions

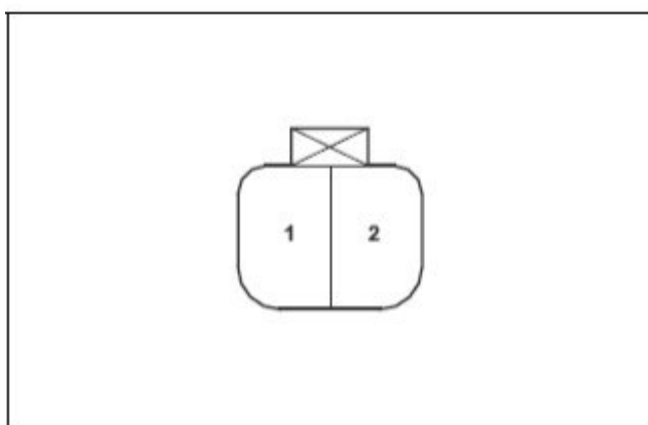
4	-	-	Unused
5	QJ10	0.35 GW	Left camera power supply +
6	QJ30	0.35 O	Left camera power supply

Door knob antenna (FL02)



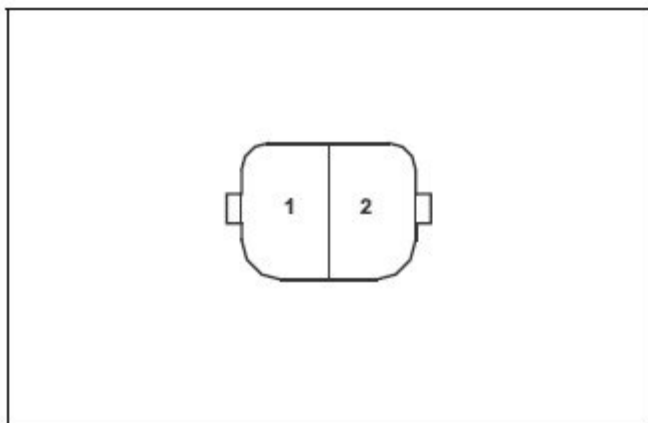
Terminals no.	Wire size	Wire diameter / color	Function
1	PA13	0.5 P	Left front door knob antenna capacity signal
2	PA14	0.5 PB	Left front door knob antenna inductance signal
3	PA08	0.5 GB	Left front door knob request switch signal
4	G1013A	0.5 B	Request switch grounding

High tone loudspeaker (FL07)



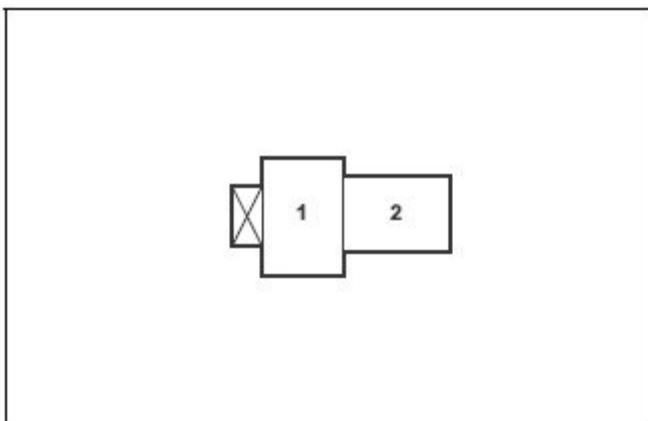
Terminals no.	Wire size	Wire diameter / color	Function
1	RB06B	0.5 LY	Left front loudspeaker
2	RB05B	0.5 BrY	Left front loudspeaker+

Door open warning light (FL11)



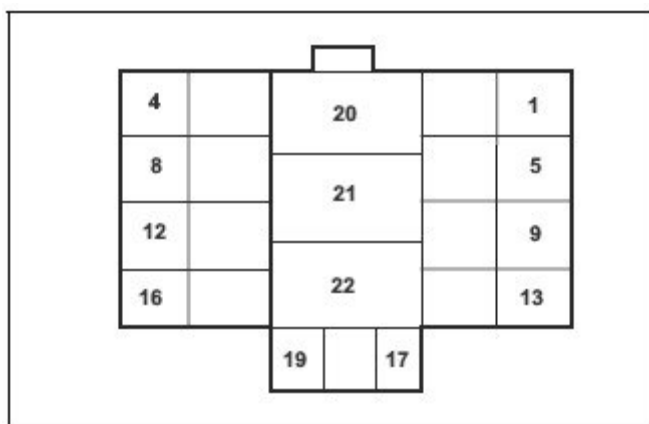
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12G	0.5 GL	Left front door warning lamp+
2	BA04	0.35 Br	Front door open warning light output

Full frequency loudspeaker (FL12)



Terminals no.	Wire size	Wire diameter / color	Function
1	RB06A	0.5 LY	Left front loudspeaker
2	RB05A	0.5 BrY	Left front loudspeaker+

Connect Instrument panel wiring harness plug 1 (FL08)

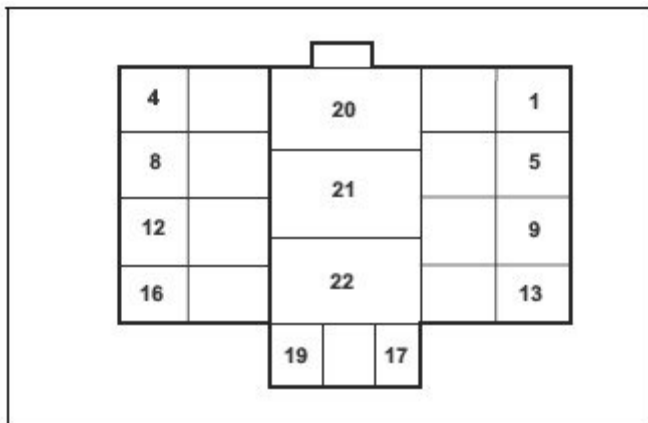


Terminals no.	Wire size	Wire diameter / color	Function
1	N15	0.35 BrG	Left rearview mirror defroster power supply
2	BC02C	0.5 LW	Left side steering lamp+
3	BA04	0.35 Br	Left front door warning lamp control
4	BE15	0.35 RY	Left front door lock state switch signal
5	N06	0.35 LR	Left rearview mirror motor turning left and right+
6	N07	0.35 LW	Left rearview mirror motor turning up and down+
7	BB02	0.75 WB	Left front door lock motor unlocked+
8	BB01	0.75 YB	Left front door lock motor locked+
9	PA08	0.5 GB	Left front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BE27	0.35 GY	Left front door lock state switch unlocked signal
12	RB05	0.5 BrY	Left front loudspeaker+
13	PA14	0.5 PB	Left front door knob antenna inductance signal
14	PA13	0.5 P	Left front door knob antenna capacity signal
15	58C	0.5 L	Left front door power window switch backlight power supply
16	RB06	0.5 LY	Left front loudspeaker
17	JD06A	0.75 GrW	Left Rearview mirror motor folded+
18	JD07A	0.75 V	Left Rearview mirror motor open+
19	AC02	0.35 V	Left front power mirror switch ACC gear power supply

Arrangement of harness and plug instructions

20	BA11	1.5 GR	Left front glass lifting motor falls+
21	BA12	1.5 GB	Left front glass lifting motor rises+
22	BC12G	0.5 GL	Left front door warning lamp+

Connect instrument panel wiring harness plug 1 (FL08)

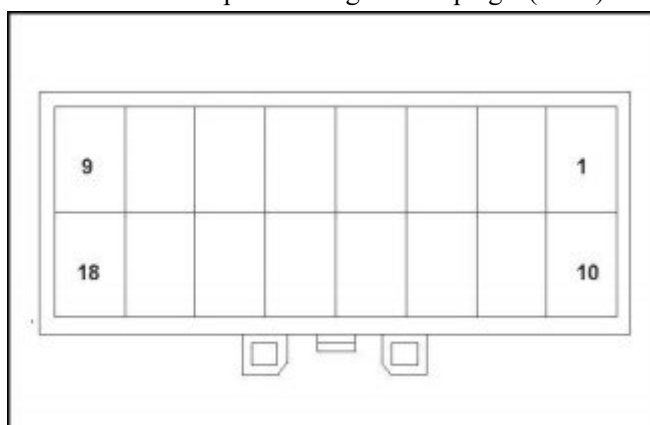


Terminals no.	Wire size	Wire diameter / color	Function
1	N15	0.35 BrG	Left rearview mirror defroster power supply
2	BC02C	0.5 LW	Left side Steering lamp+
3	BA04	0.35 Br	Left Front door warning lamp control
4	BE15	0.35 RY	Left front door lock state Switch signal
5	N06	0.35 LR	Left rearview mirror motor turning left and right+
6	N07	0.35 LW	Left rearview mirror motor turning up and down+
7	BB02	0.75 WB	Left front door lock motor unlocked+
8	BB01	0.75 YB	Left front door lock motor locked+
9	PA08	0.5 GB	Left front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BE27	0.35 GY	Left front door lock state switch unlocked signal
12	RB05	0.5 BrY	Left front loudspeaker+
13	PA14	0.5 PB	Left front door knob antenna inductance signal
14	PA13	0.5 P	Left front door knob antenna capacity signal
15	58C	0.5 L	Left front door power window switch backlight power supply
16	RB06	0.5 LY	Left front loudspeaker

Arrangement of harness and plug instructions

17	JD06A	0.75 GrW	Left rearview mirror motor folded+
18	JD07A	0.75 V	Left rearview mirror motor open+
19	AC02	0.35 V	Left front power mirror switch ACC gear power supply
20	BB08A	1.5 GB	Left front clamp motor power supply
21	-	-	Unused
22	BC12G	0.5 GL	Left front door warning lamp+

Connect instrument panel wiring harness plug 2 (FL09)

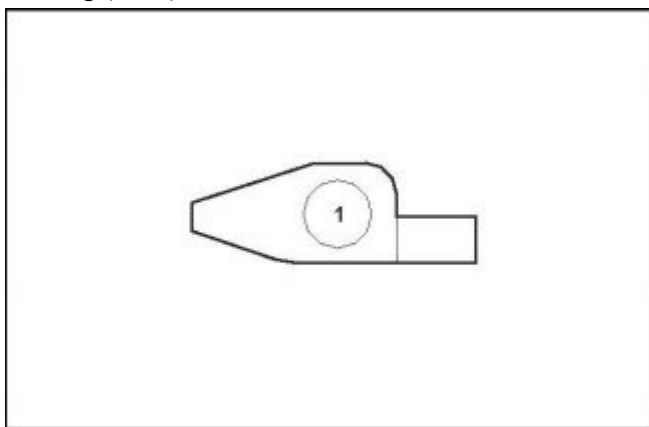


Terminals no.	Wire size	Wire diameter / color	Function
1	BE14	0.35 RY	Center control child lock switch signal
2	BD12	0.35 YB	Left front door power window switch right front glass lifting signal
3	BD11	0.35 WL	Left front door power window switch right rear glass lifting signal
4	BD06	0.35 LR	Center control lock switch signal
5	BE29C	0.35 BW	Left front power window switch/ Center control lock switch grounding
6	BD13	0.35 BrG	Left front door power window switch left front glass lifting signal
7	BD10	0.35 GO	Left front door power window switch left rear glass lifting signal
8	BD32D	0.35 V	Left front door glass clamp signal
9	QJ10	0.35 GW	Left camera power supply +
10	QJ11	0.35 BrW	Left camera video signal

Arrangement of harness and plug instructions

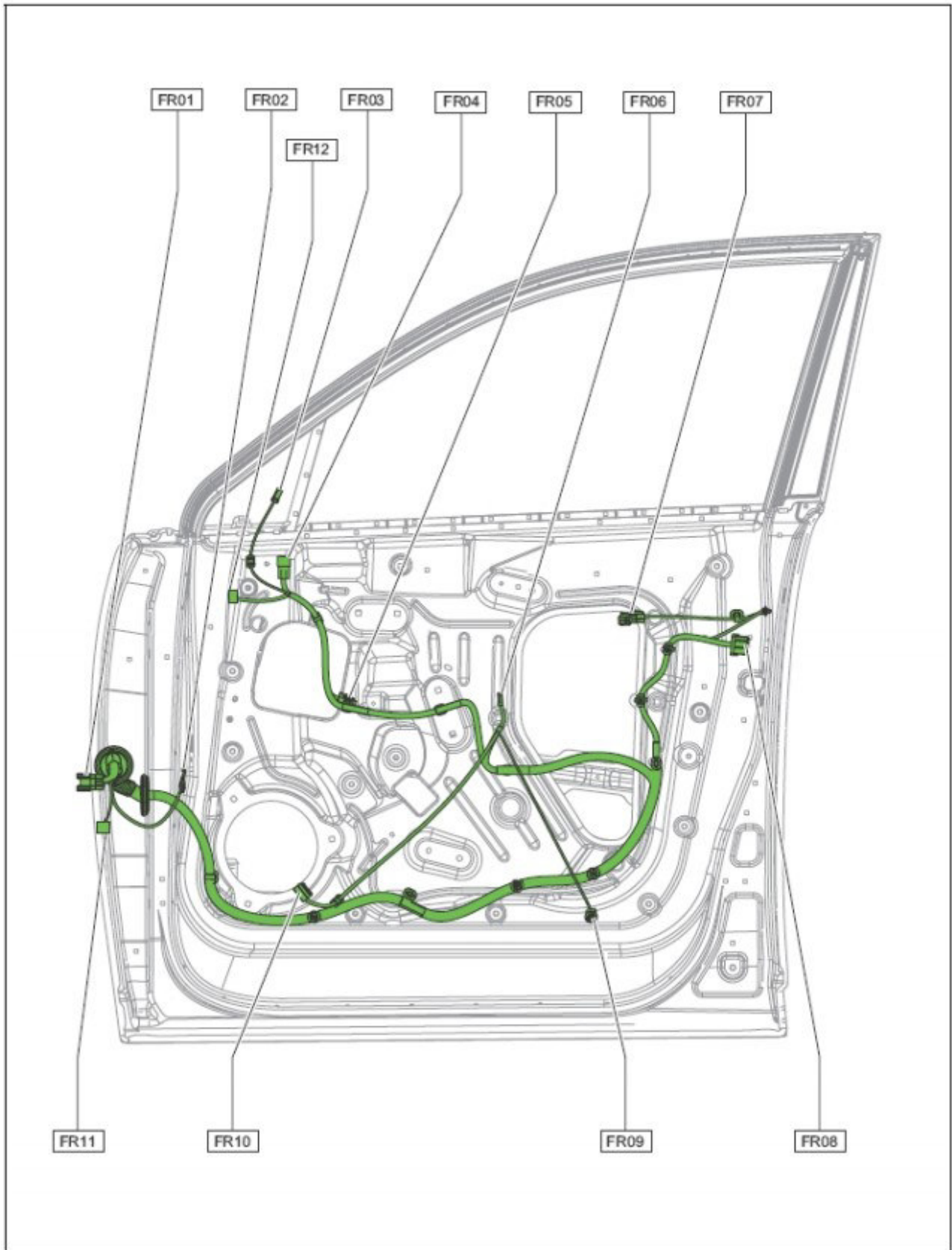
11	QJ30	0.35 O	Left camera power supply
12	QJ31	0.35 W	Left camera video signal+
13	BA01	0.5 GO	Down-corner lamp grounding
14	-	-	Unused
15	-	-	Unused
16	-	-	Unused

Bonding (FL10)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1013	0.75 B	Refer to “grounding location, function and distribution”

Front door wiring harness-Right

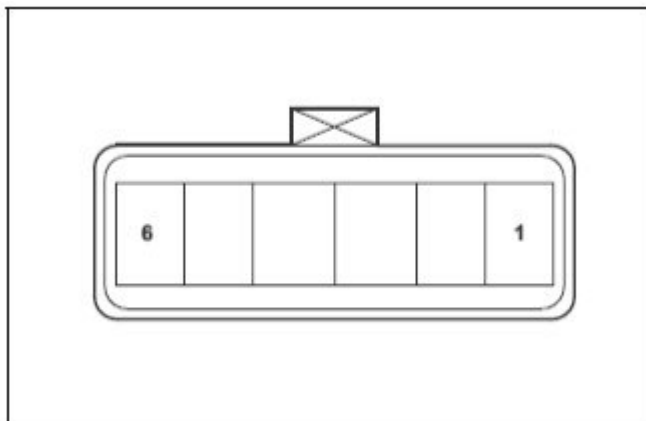


Front door wiring harness-Right plug definition

Plug code	Connected electrical equipment
FR01	Connect Instrument panel wiring harness
FR02	Bonding
FR03	High tone loudspeaker
FR04	Power mirror
FR05	Glass lifter motor
FR06	Power window switch
FR07	Door knob antenna
FR08	Right front door lock
FR09	Full frequency loudspeaker
FR10	Door open warning light
FR11	Connect instrument harness 2
FR12	Right camera

Front door wiring harness-Right plug Description

Right front door lock (FR08)

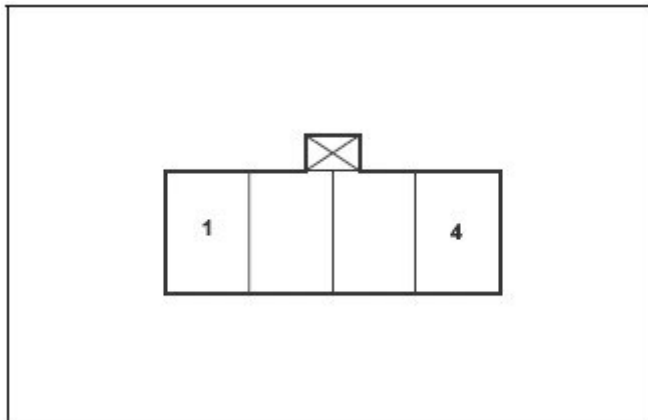


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BB02	0.75 WB	Right front lock motor unlocked+
4	BB01	0.75 YB	Right front lock motor locked+

Arrangement of harness and plug instructions

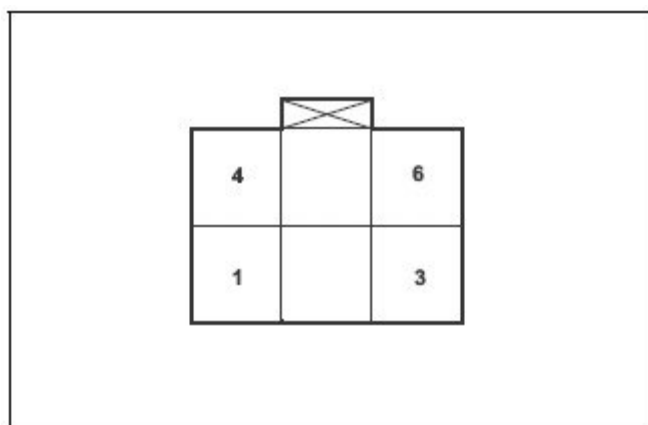
5	BE16	0.35 BY	Right front door lock state switch signal
6	G1017B	0.35 B	Grounding

Right front door power window switch (FR06)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1017C	0.35 B	Backlight grounding
2	BE29D	0.35 BW	Right front door window lifting switch grounding
3	58E	0.5 L	Backlight power supply
4	BD09	0.35 Gr	Right front door window lifting switch signal

Glass lifter motor (FR05)

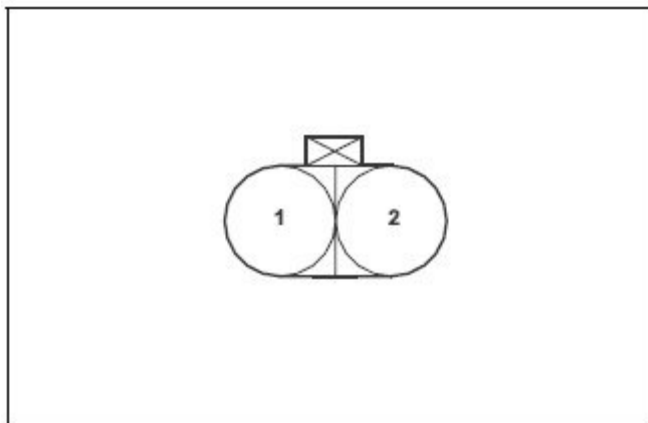


Terminals no.	Wire size	Wire diameter / color	Function
1	BB08A	1.5 GB	Right front door window lifter power supply
2	G1013F	1.5 B	Grounding
3	-	-	Unused

Arrangement of harness and plug instructions

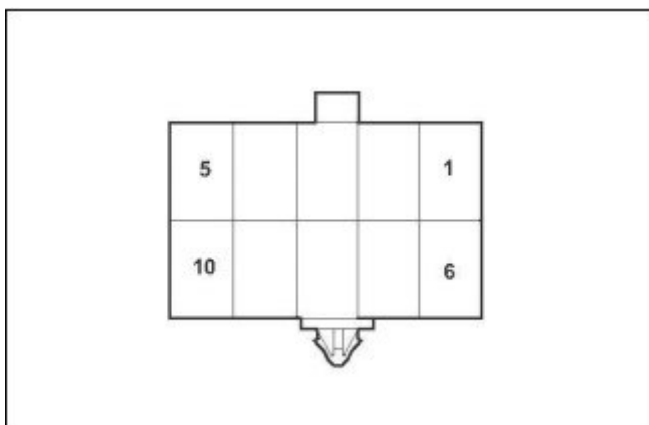
4	BD32E	0.5 V	Right front glass clamp signal
5	-	-	Unused
6	-	-	Unused

Glass lifter motor (FR05)



Terminals no.	Wire size	Wire diameter / color	Function
1	BA10	1.5 O	Right front door window lifter motor rises+
2	BA09	1.5 OB	Right front door window lifter motor falls+

Power mirror (FR04)

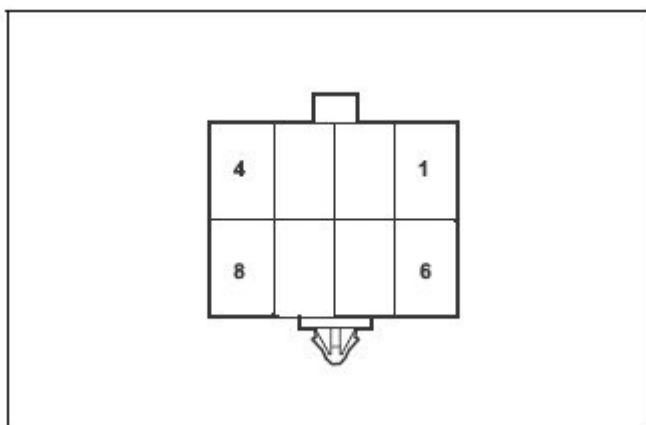


Terminals no.	Wire size	Wire diameter / color	Function
1	BC01C	0.5 LY	Right side steering lamp+
2	G1017D	0.5 B	Grounding
3	N02	0.35 OG	Grounding
4	N04	0.35 RY	Right rearview mirror motor turning left and right+

Arrangement of harness and plug instructions

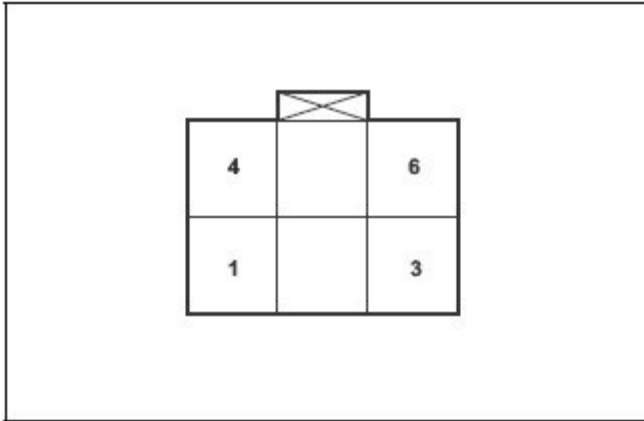
5	N05	0.35 PW	Right rearview mirror motor turning up and down+
6	N14	0.35 Lg	Right rearview mirror defroster power supply
7	JD06B	0.75 GrW	Right rearview mirror motor folded+
8	JD07B	0.75 V	Right rearview mirror motor open+
9	BC12K	0.5 GL	Down-corner lamp power supply
10	BA01B	0.5 GO	Down-corner lamp grounding

Power mirror (FR04)



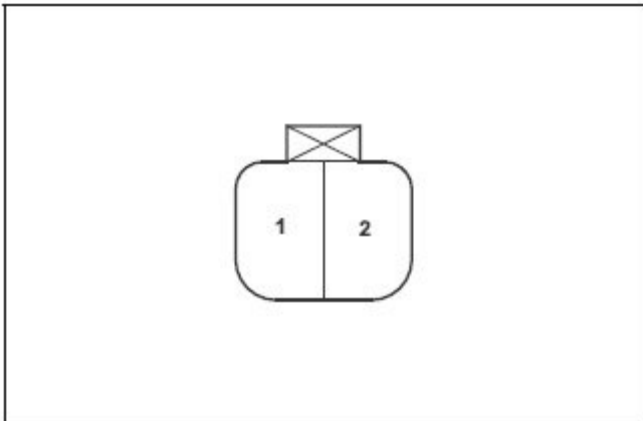
Terminals no.	Wire size	Wire diameter / color	Function
1	N05	0.35 PW	Right rearview mirror motor turning up and down+
2	N04	0.35 RY	Right rearview mirror motor turning left and right+
3	N02	0.35 OG	grounding
4	JD06A	0.75 GrW	Right rearview mirror motor folded+
5	JD07A	0.75 V	Right rearview mirror motor open+
6	N14	0.35 Lg	Right rearview mirror defroster power supply
7	G1017D	0.5 B	Grounding
8	BC01C	0.5 LY	Right side steering lamp+

Right camera (FR12)



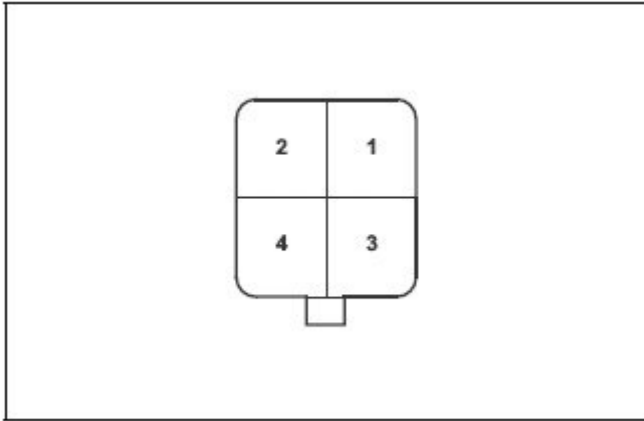
Terminals no.	Wire size	Wire diameter / color	Function
1	QJ37	0.35 Y	Right camera video signal+
2	QJ17	0.35 YW	Right camera video signal
3	-	-	Unused
4	-	-	Unused
5	QJ16	0.35 GrW	Right camera power supply +
6	QJ36	0.35 V	Right camera power supply

High tone loudspeaker (FR03)



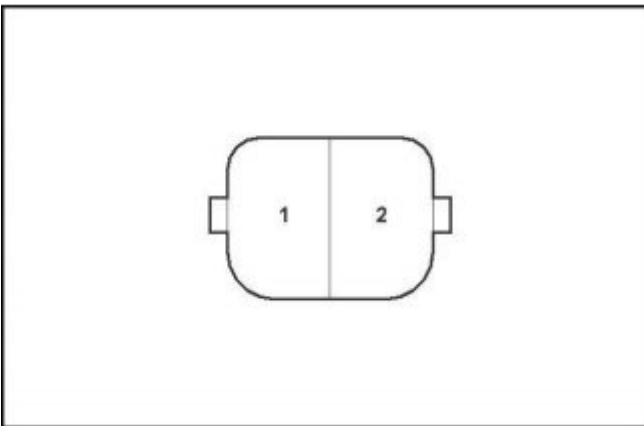
Terminals no.	Wire size	Wire diameter / color	Function
1	RB03B	0.5 BrR	Right front door loudspeaker+
2	RB04B	0.5 YW	Right front door loudspeaker

Door knob antenna (FR07)



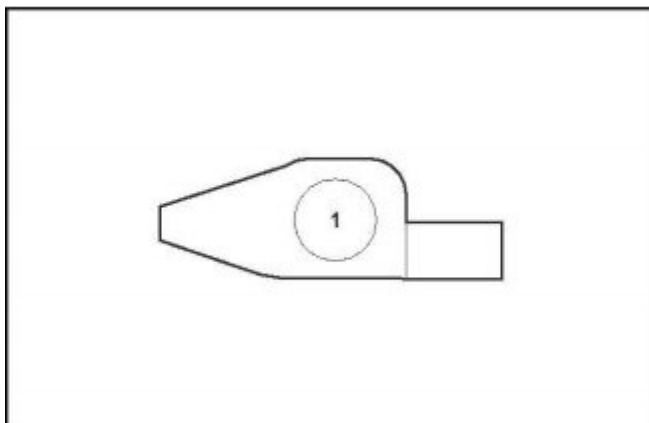
Terminals no.	Wire size	Wire diameter / color	Function
1	PA17	0.5 LR	Right front door knob antenna capacity signal
2	PA18	0.5 WG	Right front door knob antenna inductance signal
3	PA07	0.5 G	Right front door knob request switch signal
4	G1017A	0.5 B	Request switch grounding

Door open warning light (FR10)



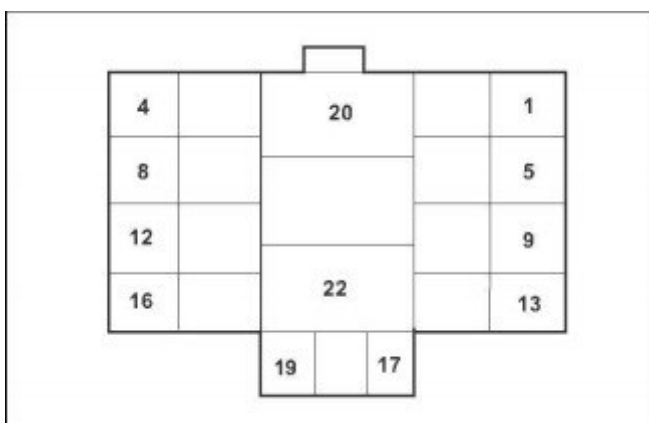
Terminals no.	Wire size	Wire diameter / color	Function
1	BC12H	0.5 GL	Right front door warning lamp+
2	BA04	0.35 Br	Right front door warning lamp control

Bonding (FR02)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1017	0.75 B	Refer to “grounding location, function and distribution”

Connect instrument panel wiring harness (FR01)

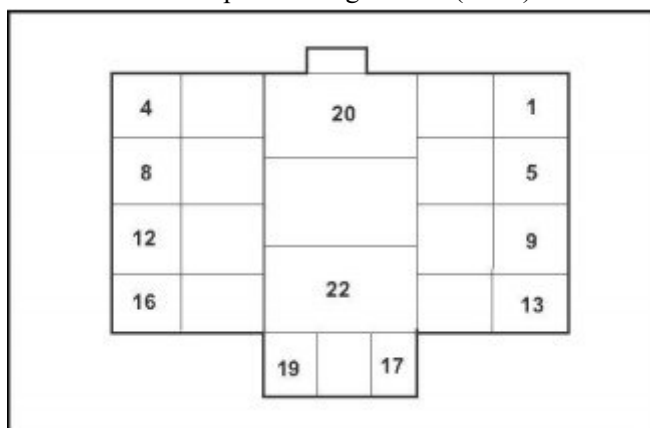


Terminals no.	Wire size	Wire diameter / color	Function
1	N14	0.35 Lg	Right rearview mirror defroster power supply
2	BC01C	0.5 LY	Right side steering lamp+
3	BA04	0.35 Br	Right front door warning lamp control
4	BE16	0.35 BR	Right front door lock state switch
5	N04	0.35 RY	Right rearview mirror motor turning left and right+
6	N05	0.35 PW	Right rearview mirror motor turning up and down+
7	BB02	0.75 WB	Right front lock motor unlocked+
8	BB01	0.75 YB	Right front lock motor locked+
9	PA07	0.5 G	Right front door knob request switch signal

Arrangement of harness and plug instructions

10	N02	0.35 OG	Grounding
11	BD09	0.35 Gr	Right front door window lifting switch signal
12	RB03	0.5 BrR	Right front door loudspeaker+
13	PA17	0.5 LR	Right front door knob antenna capacity signal
14	PA18	0.5 WG	Right front door knob antenna inductance signal
15	58E	0.5 L	Right front door window lifting switch backlight power supply
16	RB04	0.5 YW	Right front door loudspeaker
17	JD06A	0.75 GrW	Right rearview mirror motor folded+
18	JD07A	0.75 V	Right rearview mirror motor open+
19	BE29D	0.35 BW	Right front door window lifting switch grounding
20	BA09	1.5 OB	Right front door window lifter motor falls+
21	BA10	1.5 O	Right front door window lifter motor rises+
22	BC12H	0.5 GL	Right front door warning lamp+

Connect instrument panel wiring harness (**FR01**)

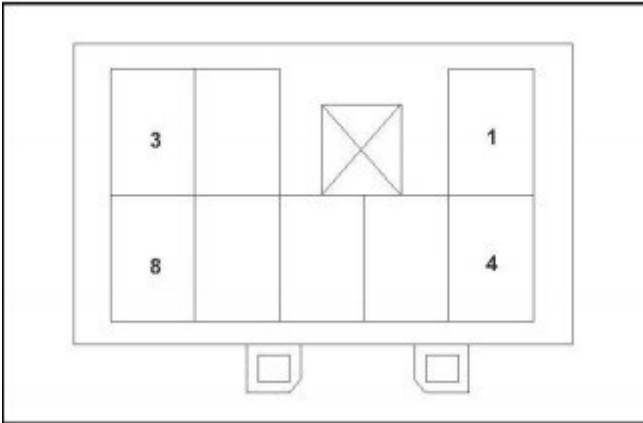


Terminals no.	Wire size	Wire diameter / color	Function
1	N14	0.35 Lg	Right rearview mirror defroster power supply
2	BC01C	0.5 LY	Right side steering lamp+
3	BA04	0.35 Br	Right front door warning lamp control
4	BE16	0.35 BR	Right front door lock state switch
5	N04	0.35 RY	Right rearview mirror motor turning left and right+
6	N05	0.35 PW	Right rearview mirror motor turning up and down+

Arrangement of harness and plug instructions

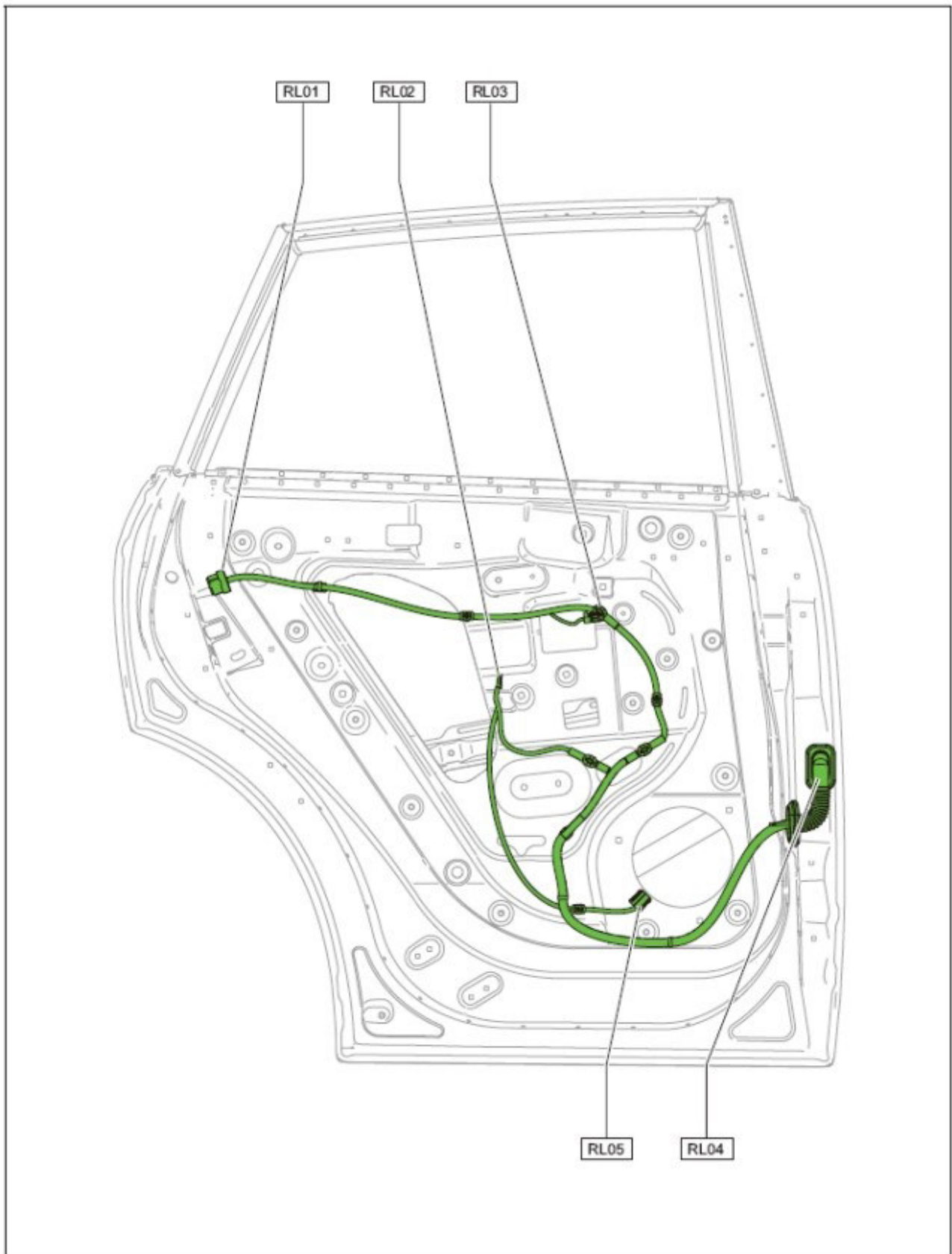
7	BB02	0.75 WB	Right front lock motor unlocked+
8	BB01	0.75 YB	Right front lock motor locked+
9	PA07	0.5 G	Right front door knob request switch signal
10	N02	0.35 OG	Grounding
11	BD09	0.35 Gr	Right front door window lifting switch signal
12	RB03	0.5 BrR	Right front door loudspeaker+
13	PA17	0.5 LR	Right front door knob antenna capacity signal
14	PA18	0.5 WG	Right front door knob antenna inductance signal
15	58E	0.5 L	Right front door window lifting switch backlight power supply
16	RB04	0.5 YW	Right front door loudspeaker
17	JD06A	0.75 GrW	Right Rearview mirror motor folded+
18	JD07A	0.75 V	Right Rearview mirror motor open+
19	BE29D	0.35 BW	Right front door window lifting switch grounding
20	BB08A	1.5 GB	Right front door clamp motor power supply
21	-	-	Unused
22	BC12H	0.5 GL	Right front door warning lamp+

Connect Instrument panel wiring harness 2 (FR11)



Terminals no.	Wire size	Wire diameter / color	Function
1	QJ16	0.35 GrW	Right camera power supply +
2	QJ17	0.35 YW	Right camera video signal
3	QJ36	0.35 V	Right camera power supply
4	QJ37	0.35 Y	Right camera video signal+
5	-	-	Unused
6	-	-	Unused
7	BA01B	0.5 GO	Down-corner lamp grounding
8	-	-	Unused

Rear door wiring harness-Left

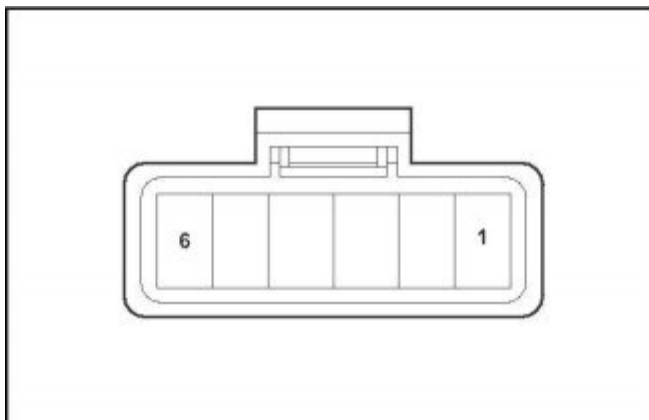


Rear door wiring harness - Left plug definition

Plug code	Connected electrical equipment
RL01	Left rear door lock
RL02	Power window switch
RL03	Glass lifter motor
RL04	Connect floor harness
RL05	Full frequency loudspeaker

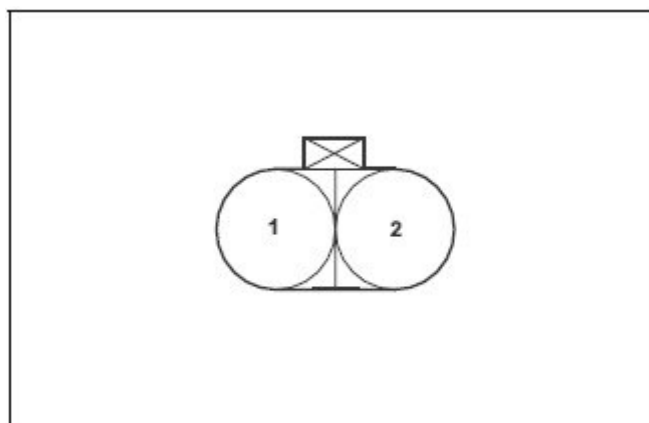
Rear door wiring harness - Left plug Description

Left rear door lock (RL01)



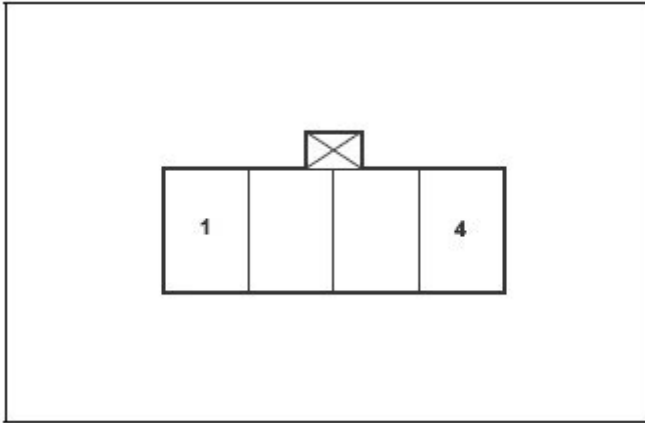
Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BB01D	0.75 YB	Left rear lock motor locked+
4	BB02A	0.75 WB	Left rear lock motor unlocked+
5	BE17	0.35 Br	Left rear door lock state switch
6	G1020C	0.35 B	Lock grounding

Glass lifter motor (RL03)



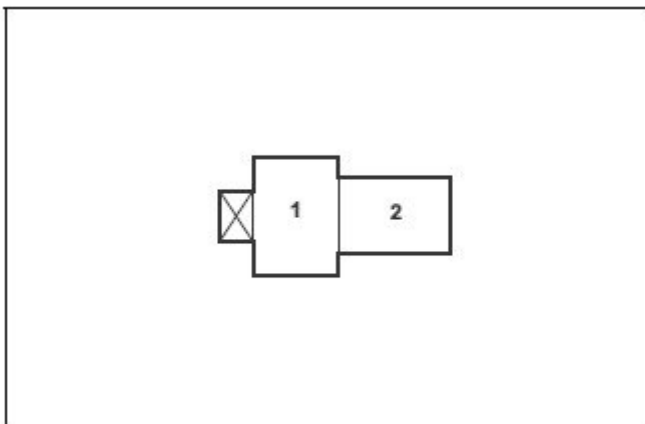
Terminals no.	Wire size	Wire diameter / color	Function
1	BA08	1.5 RY	Left rear window glass motor rises (+)
2	BA07	1.5 RW	Left rear window glass motor falls (+)

Left rear door power window switch (RL02)



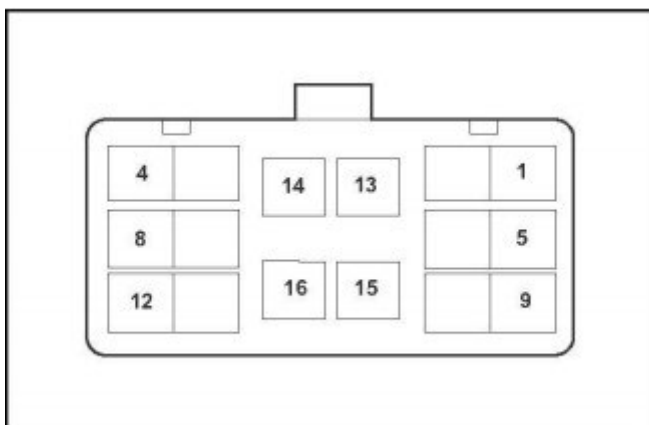
Terminals no.	Wire size	Wire diameter / color	Function
1	G1020D	0.35 B	Backlight grounding
2	BE29F1	0.35 BW	Switch signal
3	58F1	0.5 L	Power window switch backlight power supply
4	BD07	0.35 YB	Power window switch lifting signal

Full frequency loudspeaker (RL05)



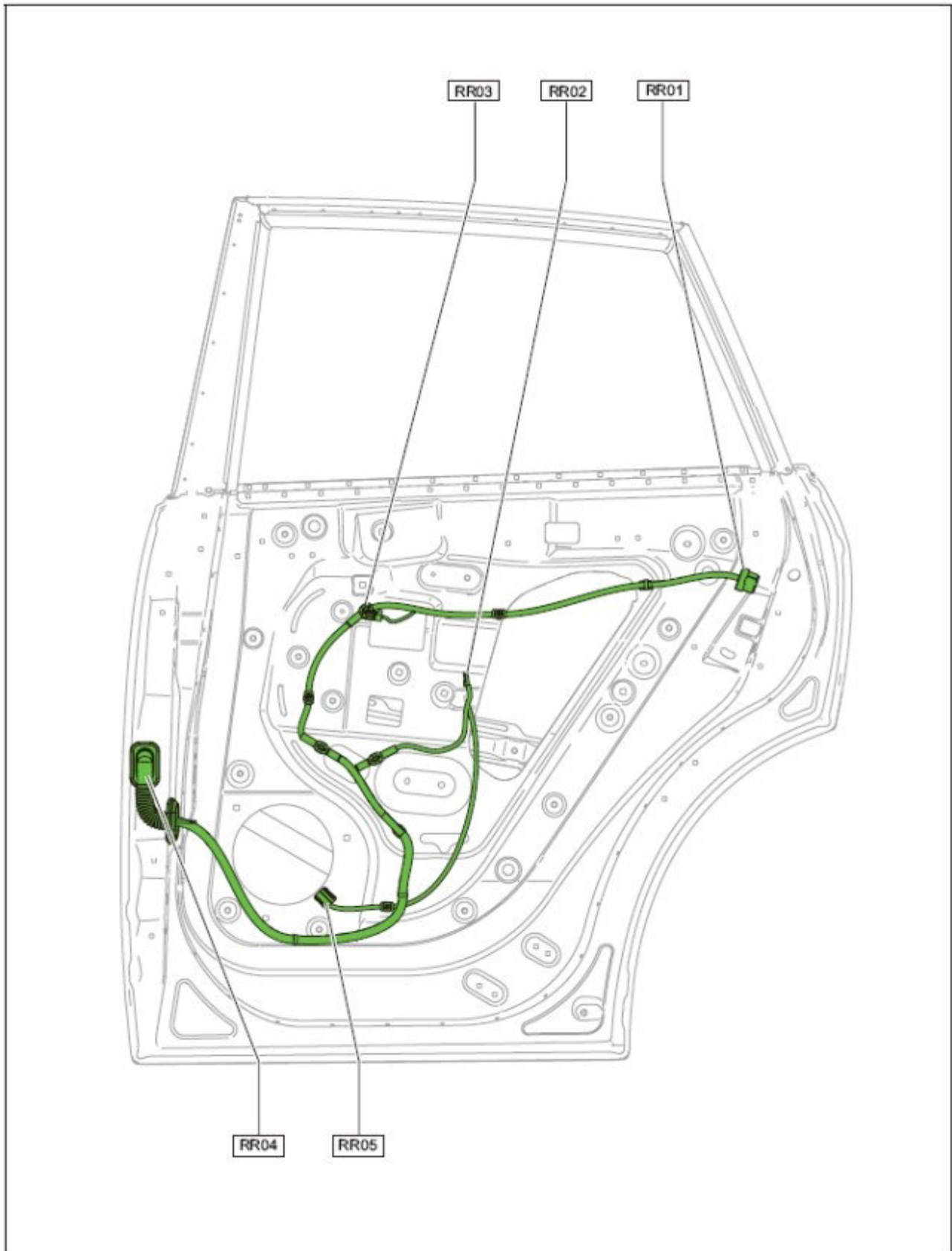
Terminals no.	Wire size	Wire diameter / color	Function
1	RB07	0.5 BrB	Left rear loudspeaker+
2	RB08	0.5 LB	Left rear loudspeaker

Connect floor harness (RL04)



Terminals no.	Wire size	Wire diameter / color	Function
1	58F1	0.5 L	Left rear door power window switch backlight power supply
2	BB01D	0.75 YB	Left rear lock motor locked+
3	RB07	0.5 BrB	Left rear loudspeaker+
4	G1020B	0.35 B	Left rear door lock state switch/ power window Switch backlight grounding
5	BE29F1	0.35 BW	Left rear door power window switch signal
6	BB02A	0.75 WB	Left rear lock motor unlocked+
7	RB08	0.5 LB	Left rear loudspeaker
8	BD07	0.35 YB	Left rear door power window switch lifting signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	BE17	0.35 Br	Left rear door lock state switch
13	BA07	1.5 RW	Left rear window glass motor falls (+)
14	-	-	Unused
15	BA08	1.5 RY	Left rear window glass motor rises (+)
16	-	-	Unused

Rear door wiring harness-Right

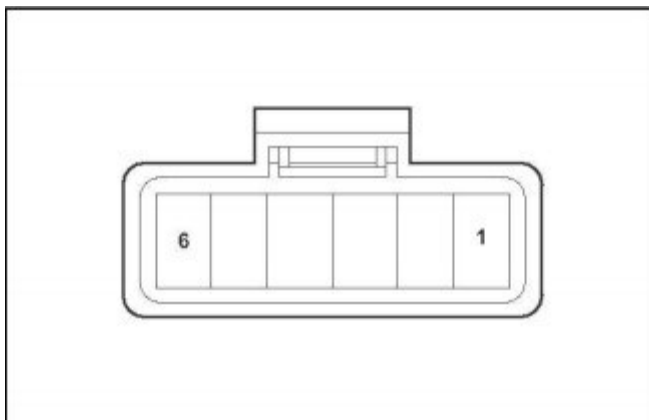


Rear door wiring harness-Right plug definition

Plug code	Connected electrical equipment
RR01	Door lock
RR02	Power window switch
RR03	Glass lifting motor
RR04	Connect floor harness
RR05	Full frequency loudspeaker

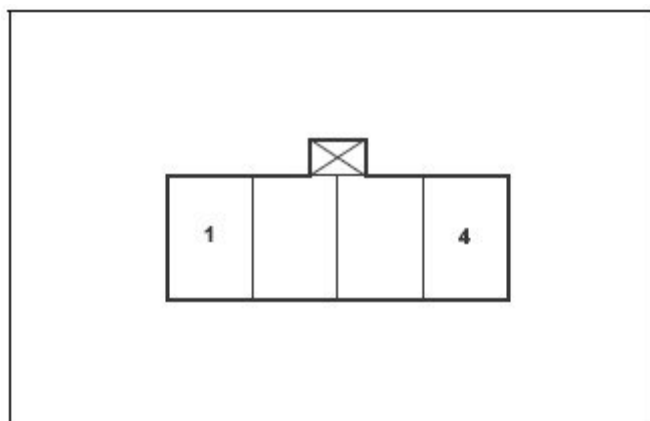
Rear door wiring harness-Right plug description

Right rear door lock (**RR01**)



Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	-	-	Unused
3	BB02	0.75 WB	Right rear lock motor unlocked+
4	BB01	0.75 YB	Right rear lock motor locked+
5	BE18	0.35 GR	Right rear door lock state switch
6	G1022D	0.35 B	Lock grounding

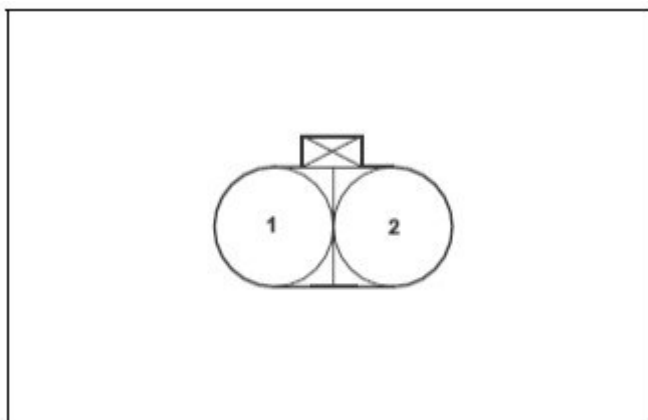
Right rear door power window switch (**RR02**)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1022E	0.35 B	Backlight grounding
2	BE29F	0.35 BW	Switch signal
3	58F	0.5 L	Power window switch backlight power supply

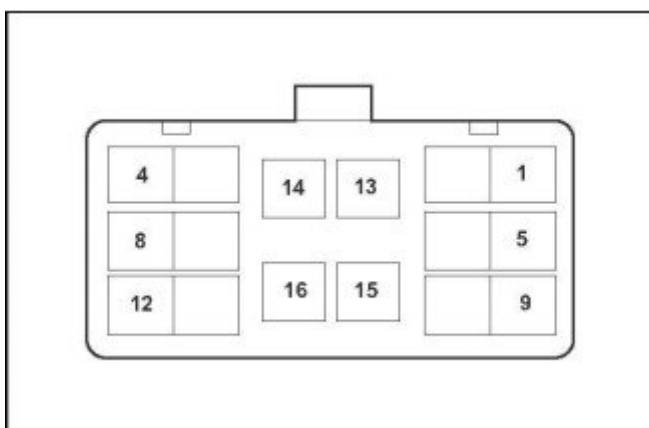
4	BD08	0.35 GO	Power window switch lifting signal
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Glass lifting motor (RR03)



Terminals no.	Wire size	Wire diameter / color	Function
1	BB09	1.5 YG	Right rear window glass motor rises (+)
2	BB10	1.5 Y	Right rear window glass motor falls (+)

Connect floor harness (RR04)

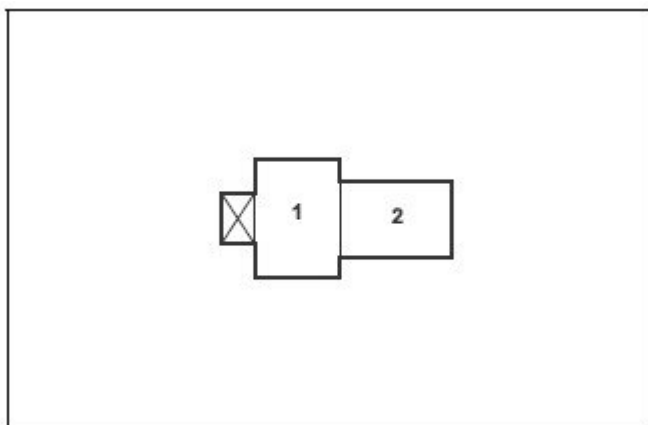


Terminals no.	Wire size	Wire diameter / color	Function
1	58F	0.5 L	Right rear door power window switch backlight power supply
2	BB02B	0.75 WB	Right rear lock motor unlocked+
3	RB01	0.5 BrW	Right rear loudspeaker+
4	G1022C	0.35 B	Right rear door lock state switch/ power window switch backlight grounding
5	BE29F2	0.35 BW	Right rear door power window switch signal

Arrangement of harness and plug instructions

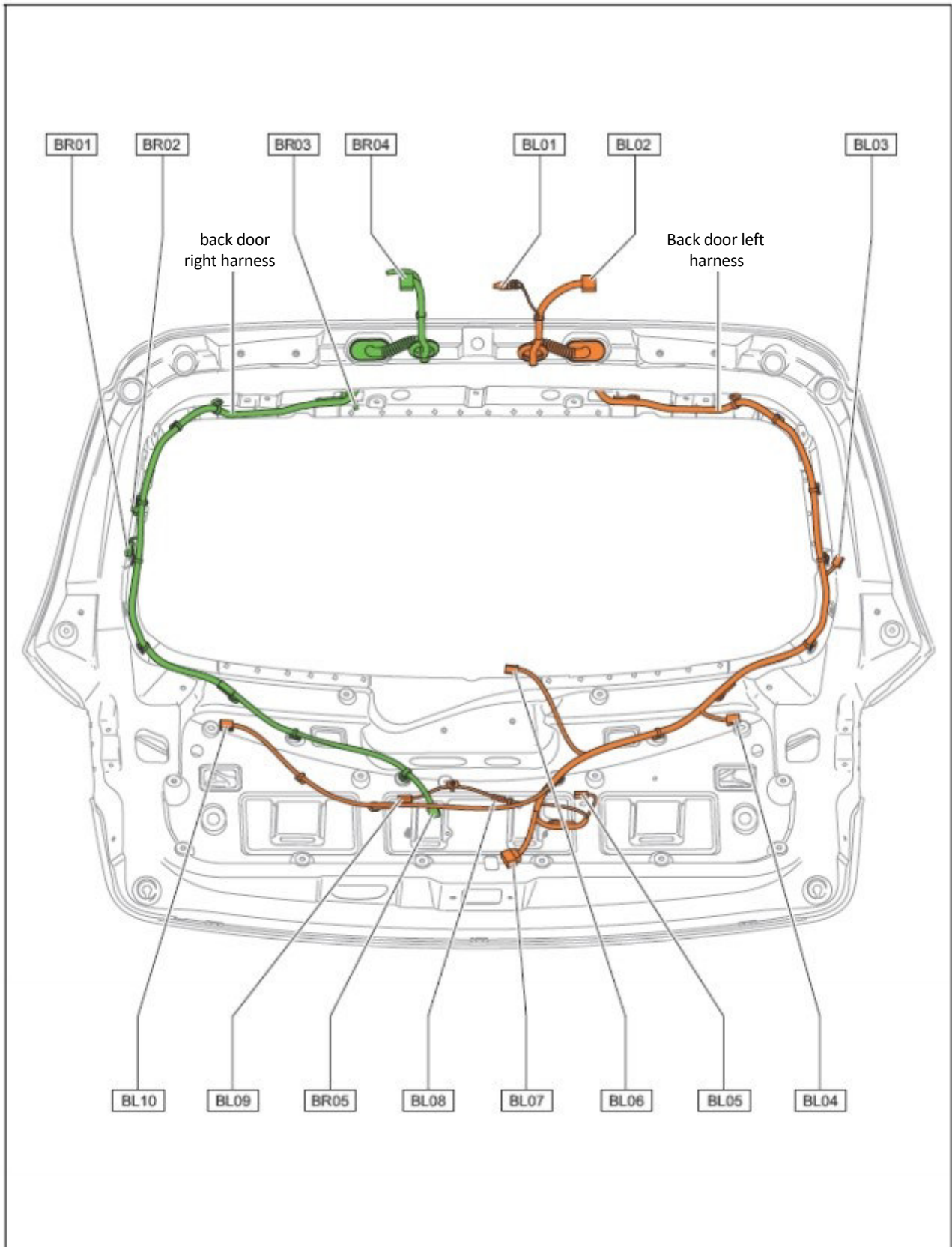
6	BB01E	0.75 YB	Right rear lock motor locked+
7	RB02	0.5 LW	Right rear loudspeaker
8	BD08	0.35 GO	Right rear door power window switch lifting signal
9	-	-	Unused
10	-	-	Unused
11	-	-	Unused
12	BE18	0.35 GR	Right rear door lock state switch
13	BB10	1.5 Y	Right rear window glass motor falls (+)
14	-	-	Unused
15	BB09	1.5 YG	Right rear window glass motor rises (+)
16	-	-	Unused

Full frequency loudspeaker (RR05)



Terminals no.	Wire size	Wire diameter / color	Function
1	RB01	0.5 BrW	Right rear loudspeaker+
2	RB02	0.5 LW	Right rear loudspeaker

Rear back door left right harness

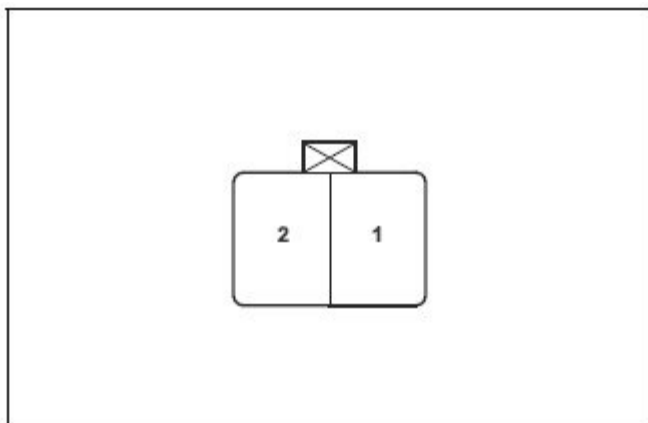


Rear back door left right harness plug definition

Plug code	Connected electrical equipment
Rear back door right harness	
BR01	Rear defrost positive
BR02	Antenna
BR03	High level brake lamp
BR04	Connect floor harness
BR05	Camera
Rear back door left harness	
BL01	Bonding (G1026)
BL02	Connect floor harness
BL03	Rear defrost negative pole
BL04	Left rear combination lamp (movable part)
BL05	Left license plate lamp
BL06	Rear wiper motor
BL07	Rear back door lock
BL08	Rear back door open switch
BL09	Right license plate lamp
BL10	Right rear combination lamp (movable part)

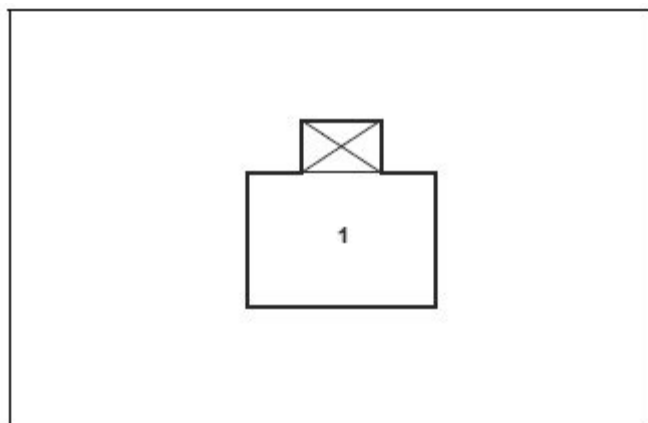
Rear back door right harness plug description

High level brake lamp (BR03)



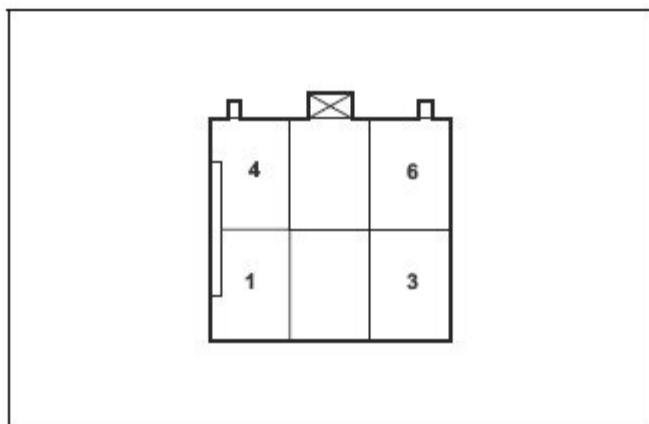
Terminals no.	Wire size	Wire diameter / color	Function
1	BC04	0.35 YB	High level brake lamp power supply
2	G1025	0.35 B	Lamp grounding

Rear defrost positive pole (BR01)



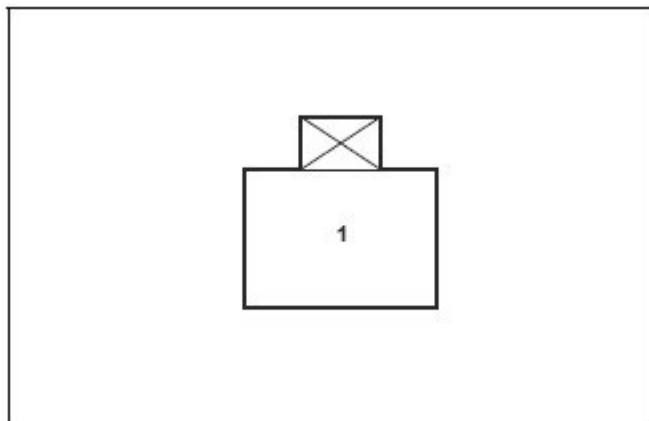
Terminals no.	Wire size	Wire diameter / color	Function
1	N17	2.5 R	Rear defroster power supply

Camera (BR05)



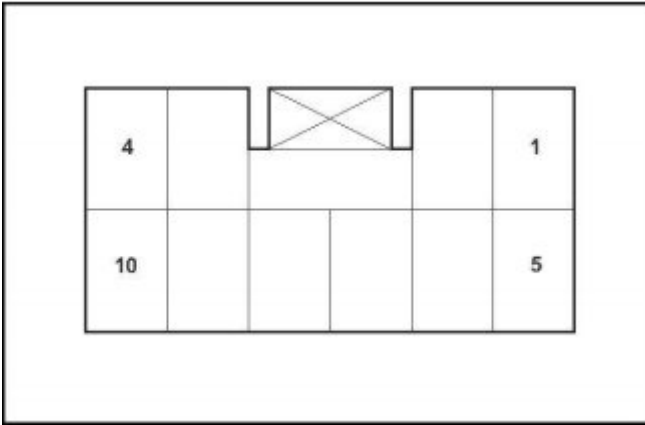
Terminals no.	Wire size	Wire diameter / color	Function
1	RC08	0.35 WB	Camera
2	RC07	0.35 RB	Camera power supply
3	R01	0.5 G	CAN_H
4	R02	0.5 L	CAN_L
5	RC05	0.5 WR	Camera video+
6	RC06	0.5 W	Camera video

Antenna (BR02)



Terminals no.	Wire size	Wire diameter / color	Function
1	TX	0.5 B	Antenna signal

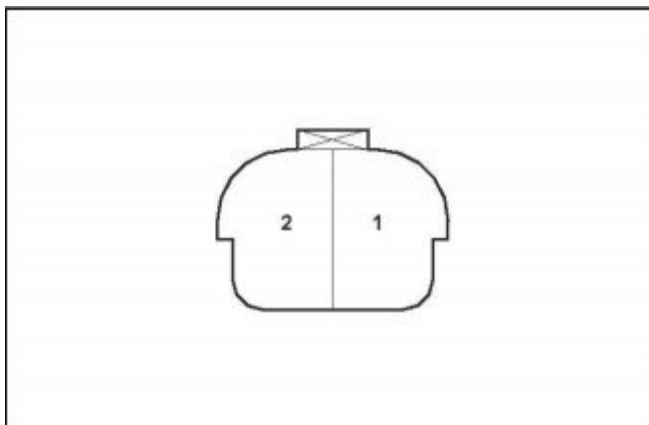
Connect Floor harness (BR04)



Terminals no.	Wire size	Wire diameter / color	Function
1	N17	2.5 R	Rear defrost heater power supply
2	BC04	0.35 YB	High level brake lamp power supply
3	G1025	0.35 B	Grounding
4	TX	0.5 B	Antenna
5	RC08	0.35 WB	Camera
6	RC07	0.35 RB	Camera power supply
7	RC06	0.5 W	Camera video
8	RC05	0.5 WR	Camera video+
9	R02	0.5 L	CAN_L
10	R01	0.5 G	CAN_H

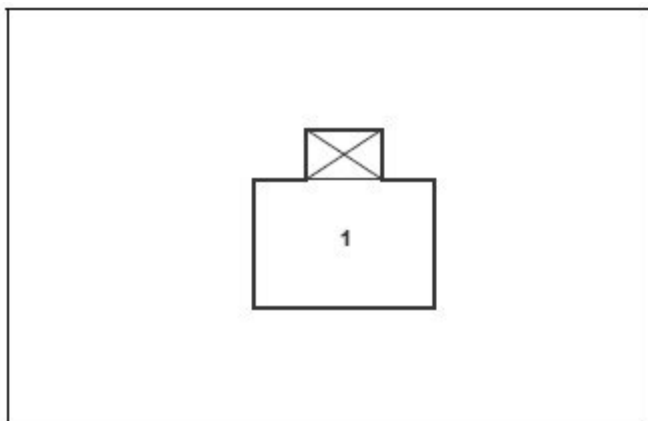
Rear back door left harness plug description

Rear back door open switch (BL08)



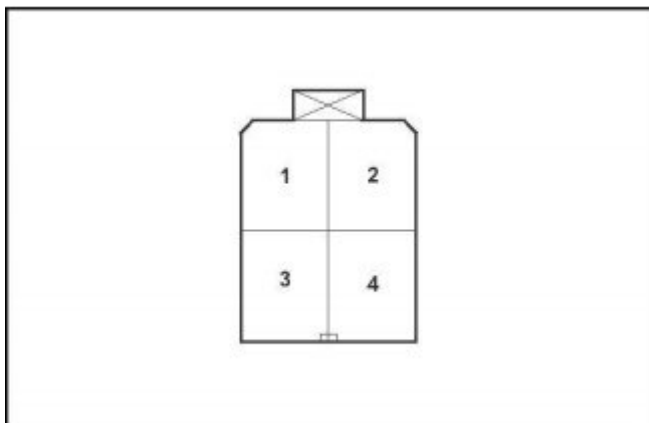
Terminals no.	Wire size	Wire diameter / color	Function
1	BE04	0.35 PW	Back-up door open switch signal
2	G1026E	0.35 B	Switch

Rear defrost negative pole (BL03)



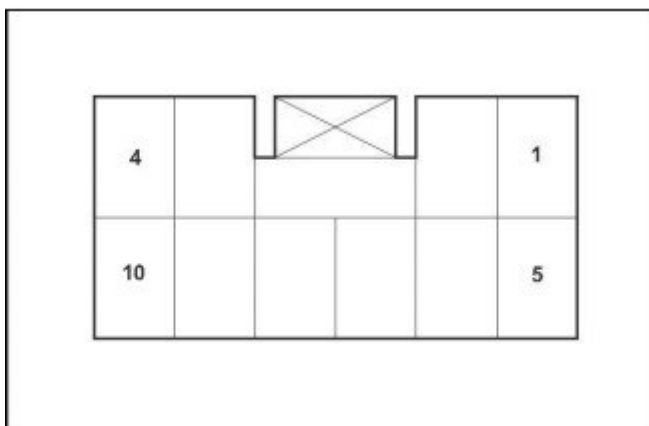
Terminals no.	Wire size	Wire diameter / color	Function
1	G1026F	2.5 B	Rear defrost heater grounding

Rear wiper motor (BL06)



Terminals no.	Wire size	Wire diameter / color	Function
1	JD05	0.75 Br	Rear wiper motor power supply
2	BD18	0.75 GrB	Rear wiper stop signal
3	G1026D	0.75 B	Motor
4	-	-	Unused

Connect floor harness (BL02)

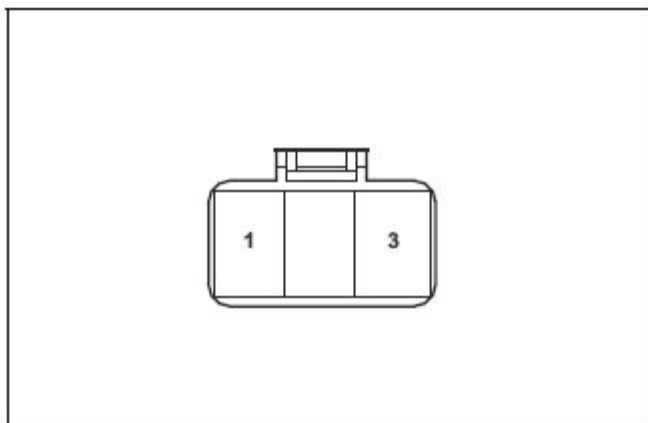


Terminals no.	Wire size	Wire diameter / color	Function
1	-	-	Unused
2	BC03C	0.5 GW	Rear clearance lamp/ license plate lamp power supply
3	-	-	Unused
4	LA10C	0.5 WL	Rear back-up lamp power supply
5	BD18	0.75 GrB	Rear wiper stop position signal
6	BE20	0.35 BrB	Rear back door lock state switch signal

Arrangement of harness and plug instructions

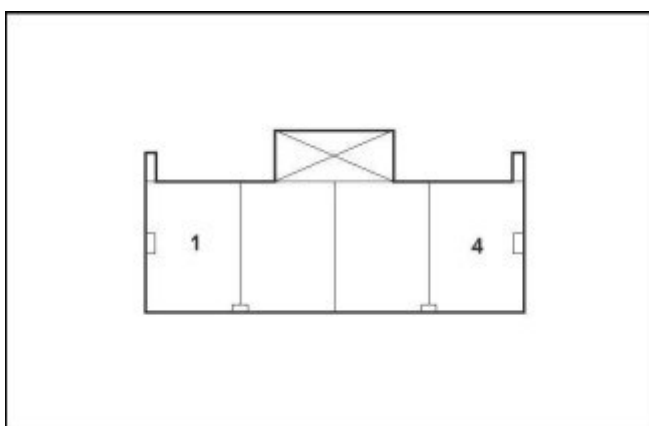
7	JD05	0.75 Br	Rear wiper motor power supply
8	JD04	0.75 W	Back door unlock motor power supply
9	BE04	0.35 PW	Rear back door open switch signal
10	BC04	0.5 YB	Rear brake lamp power supply

Rear back door lock (BL07)



Terminals no.	Wire size	Wire diameter / color	Function
1	JD04	0.75 W	Back door unlock motor power supply
2	G1026C	0.75 B	Motor and state switch grounding
3	BE20	0.35 BrB	Rear back door lock state switch signal

Left rear combination lamp_ movable part (BL04)

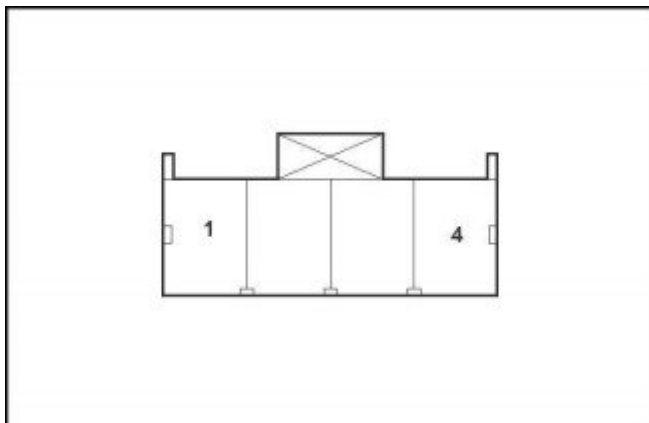


Terminals no.	Wire size	Wire diameter / color	Function
1	LA10C1	0.5 WL	Rear back-up lamp power supply
2	BC04A	0.5 YB	Rear brake lamp power supply

Arrangement of harness and plug instructions

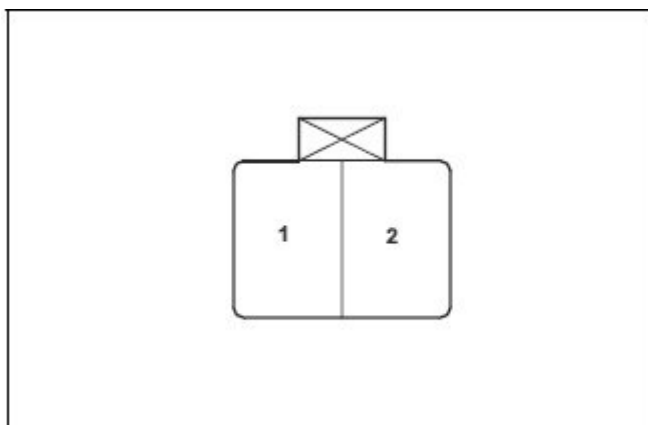
3	BC03D	0.5 GW	Rear clearance lamp power supply
4	G1026G	0.5 B	Lamp grounding

Right rear combination lamp_ movable part (**BL10**)



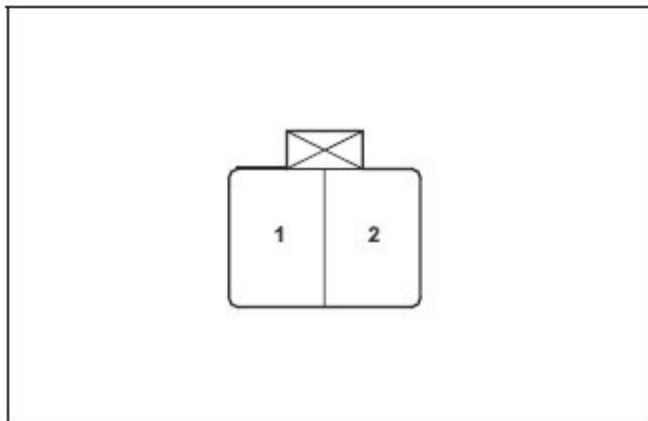
Terminals no.	Wire size	Wire diameter / color	Function
1	LA10C2	0.5 WL	Rear back-up lamp power supply
2	BC04B	0.5 YB	Rear brake lamp power supply
3	BC03F	0.5 GW	Rear clearance lamp power supply
4	G1026H	0.5 B	Lamp grounding

Left license plate lamp (**BL05**)



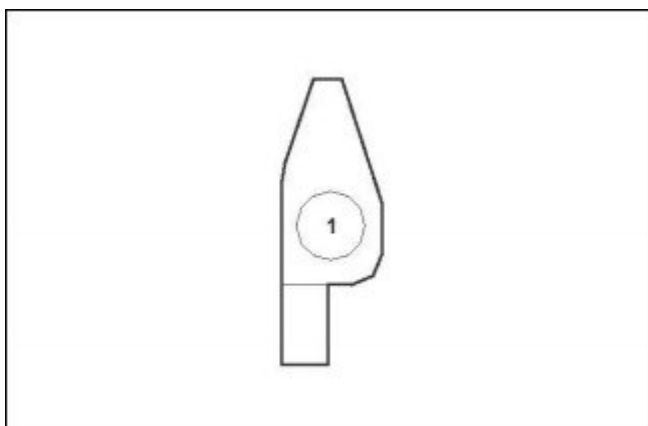
Terminals no.	Wire size	Wire diameter / color	Function
1	BC03B	0.5 GW	License plate lamp power supply
2	G1026B	0.5 B	Lamp grounding

Right license plate lamp (BL09)



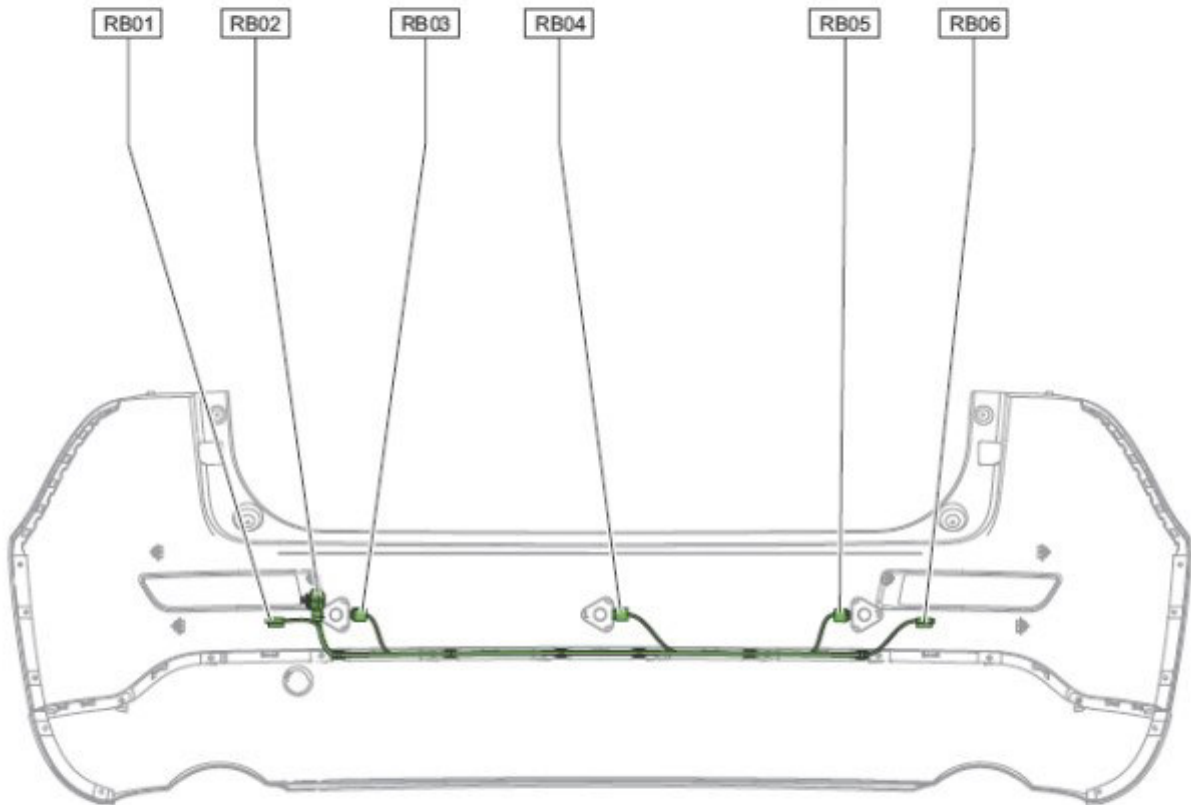
Terminals no.	Wire size	Wire diameter / color	Function
1	BC03A	0.5 GW	License plate lamp power supply
2	G1026A	0.5 B	Lamp grounding

Bonding (BL01)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1026	2.5 B	Refer to “grounding location, function and distribution”

Rear bumper harness

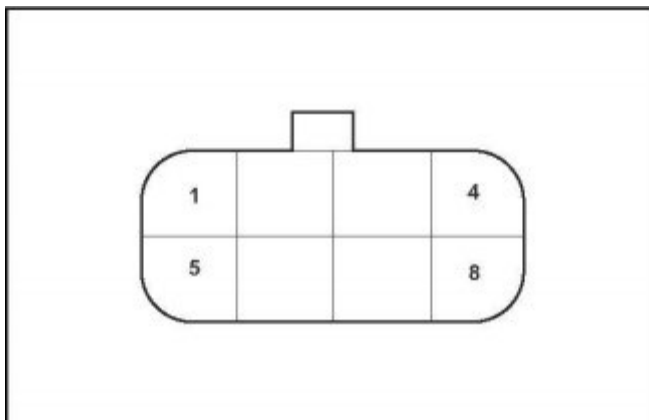


Rear bumper harness plug definition

Plug code	Connected electrical equipment
RB01	Right rear fog lamp
RB02	Connect floor harness
RB03	Reversing radar right sensor
RB04	Reversing radar middle sensor
RB05	Reversing radar left sensor
RB06	Left rear fog lamp

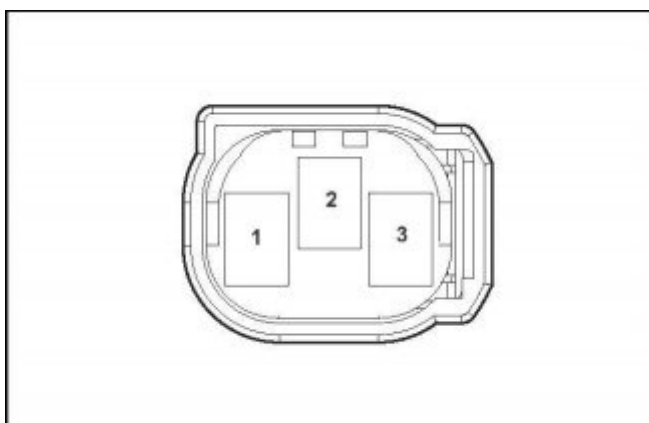
Rear bumper harness plug description

Connect floor harness (RB02)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1025B	0.75 B	fog lamp grounding
2	BC08	0.75 LR	fog lamp power supply control
3	LB01	0.35 RY	Right sensor signal
4	LB02	0.35 WL	Middle sensor signal
5	LB03	0.35 GR	Left sensor signal
6	LB04	0.35 BrW	Sensor power supply
7	LB08	0.35 BrB	Sensor grounding
8	-	-	Unused

Reversing radar right sensor (RB03)

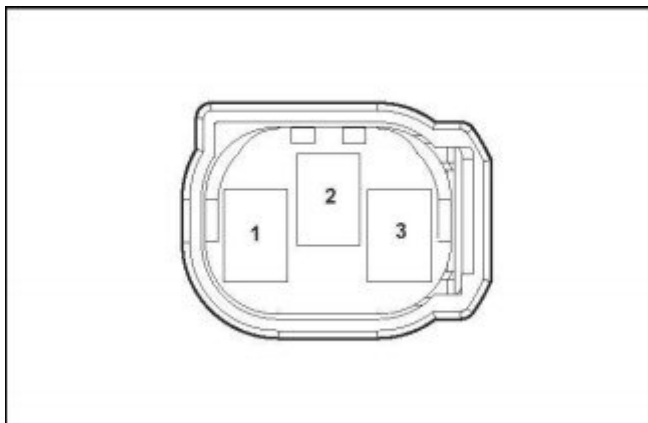


Terminals no.	Wire size	Wire diameter / color	Function
1	LB04C	0.35 BrW	Sensor power supply

Arrangement of harness and plug instructions

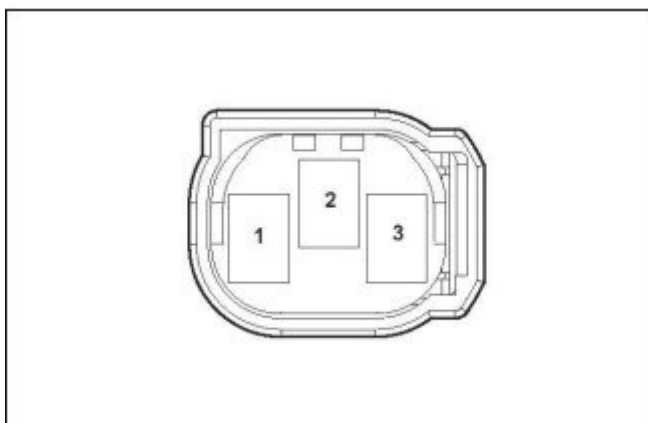
2	LB08C	0.35 BrB	Sensor grounding
3	LB01	0.35 RY	Right sensor signal

Reversing radar middle sensor (RB04)



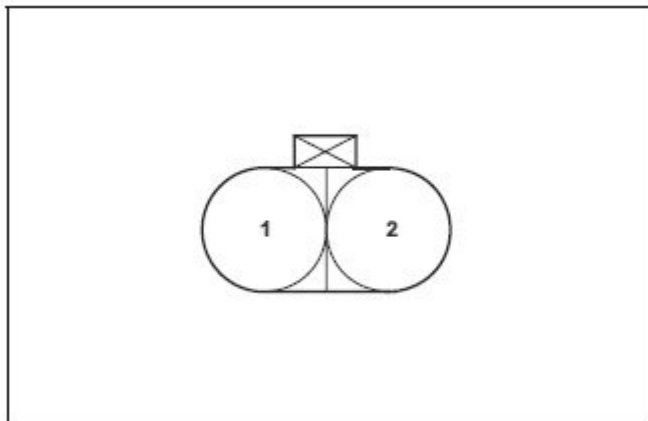
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04D	0.35 BrW	Sensor power supply
2	LB08D	0.35 BrB	Sensor grounding
3	LB02	0.35 WL	Middle sensor signal

Reversing radar left sensor (RB05)



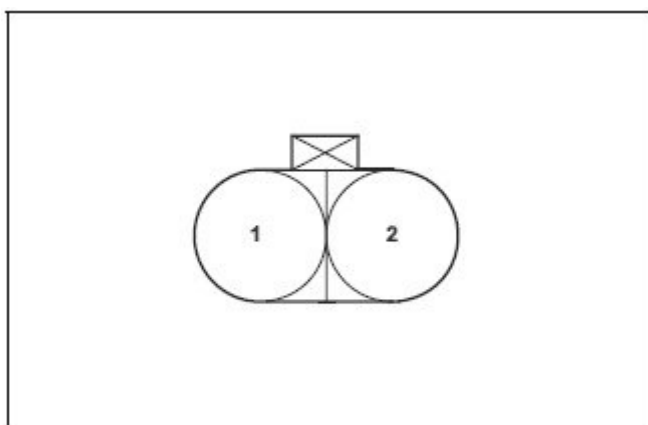
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04A	0.35 BrW	Sensor power supply
2	LB08A	0.35 BrB	Sensor grounding
3	LB03	0.35 GR	Left sensor signal

Right rear fog lamp (RB01)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC08B	0.75 LR	Right rear fog lamp power supply control
2	G1025B	0.75 B	Lamp grounding

Left rear fog lamp (RB06)



Terminals no.	Wire size	Wire diameter / color	Function
1	BC08A	0.75 LR	Left rear fog lamp power supply control
2	G1025A	0.75 B	Lamp grounding

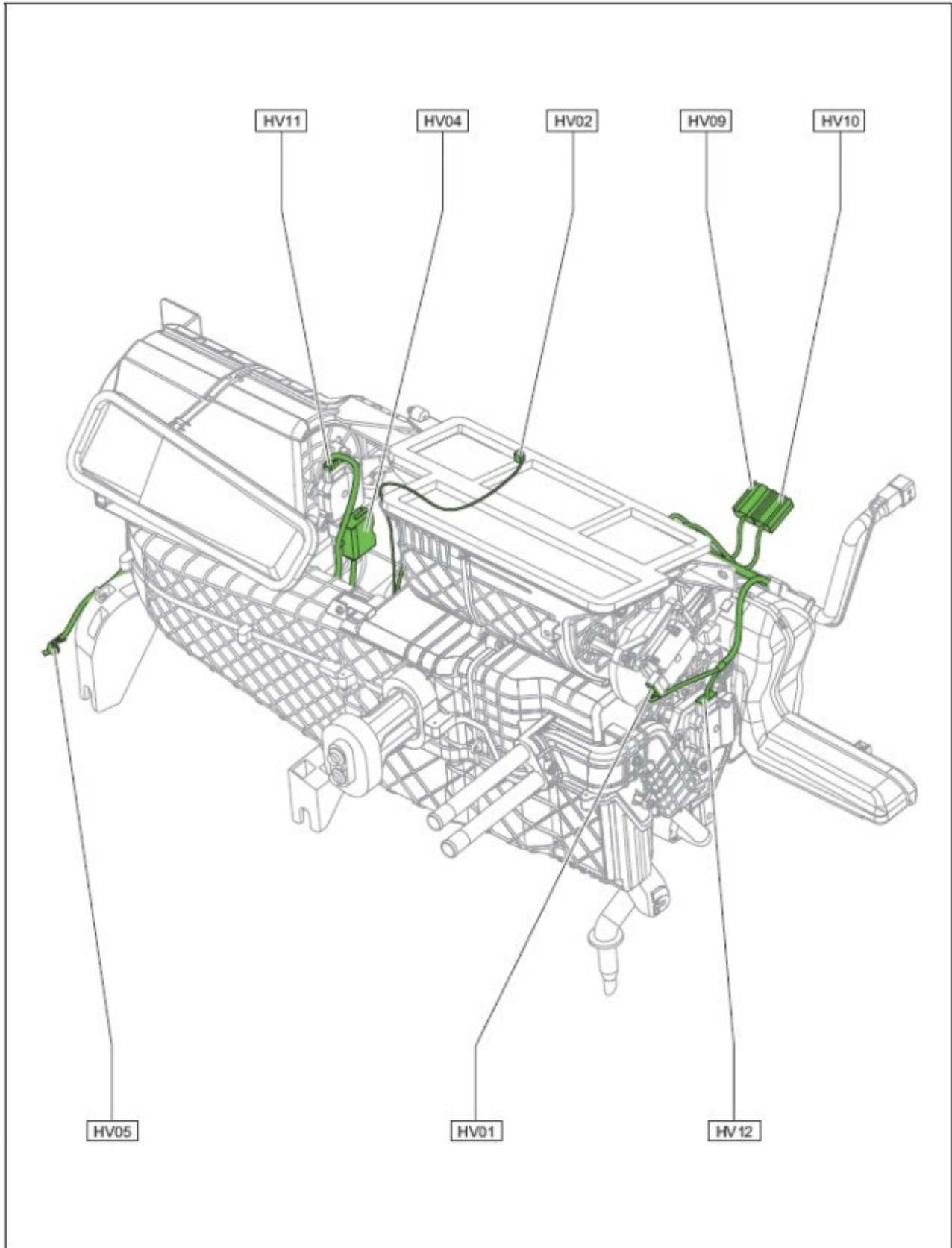
HVAC harness-Positive



HVAC harness-Positive plug definition

Plug code	Connected electrical equipment
HV01	Connect left mode servo motor
HV02	Connect solar sensor
HV03	Connect indoor temperature sensor
HV04	Connect instrument panel wiring harness
HV05	Bonding
HV06	Connect air blower
HV07	Connect speed regulation module
HV08	Connect evaporator temperature sensor
HV09	Connect air conditioning controller _A
HV10	Connect air conditioning controller _B
HV13	Connect right mode servo motor

HVAC harness-back

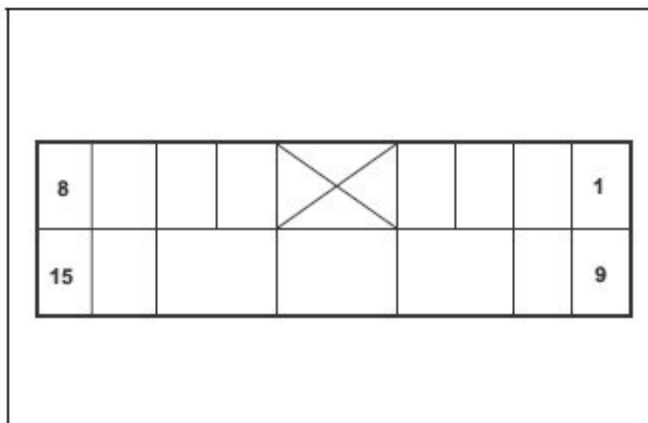


HVAC harness-back plug definition

Plug code	Connected electrical equipment
HV01	Connect left mode servo motor
HV02	Connect solar sensor
HV04	Connect instrument panel wiring harness
HV05	Bonding
HV09	Connect air conditioning controller _A
HV10	Connect air conditioning controller _B
HV11	Connect Internal and external loop servo motor
HV12	Connect cooling and heating servo motor

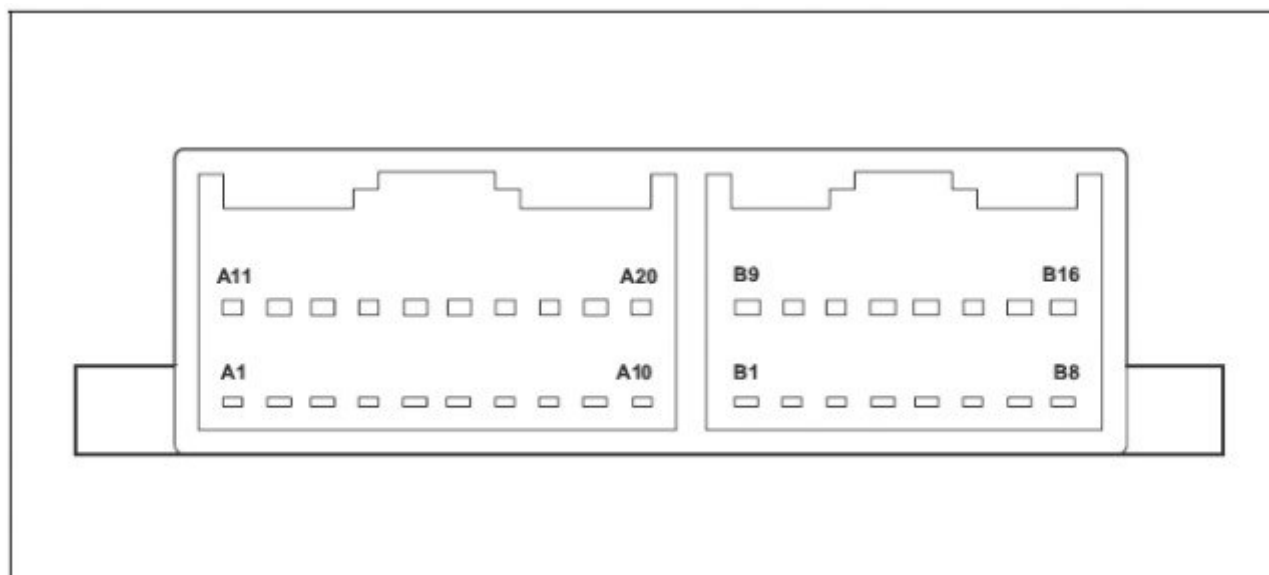
HVAC harness plug description

Instrument panel wiring harness connector (HV04)



Terminals no.	Wire size	Wire diameter / color	Function
1	K01	0.35 V	Outdoor temperature sensor signal
2	-	-	Unused
3	-	-	Unused
4	K04	0.4 G	Air blower relay control
5	58H	0.5 G	Air conditioning controller backlight power supply
6	-	-	Unused
7	G1015B	0.5 B	Air conditioning controller grounding
8	K8	0.5 G	CAN_H
9	K09	0.35 B	Outdoor temperature sensor
10	K10	2.5 LR	Rear defrost signal
11	K11	2.5 R	Air blower power supply
12	IP05	0.5 Br	Air conditioning controller power supply
13	-	-	Unused
14	-	-	Unused
15	K15	0.5 L	CAN_L

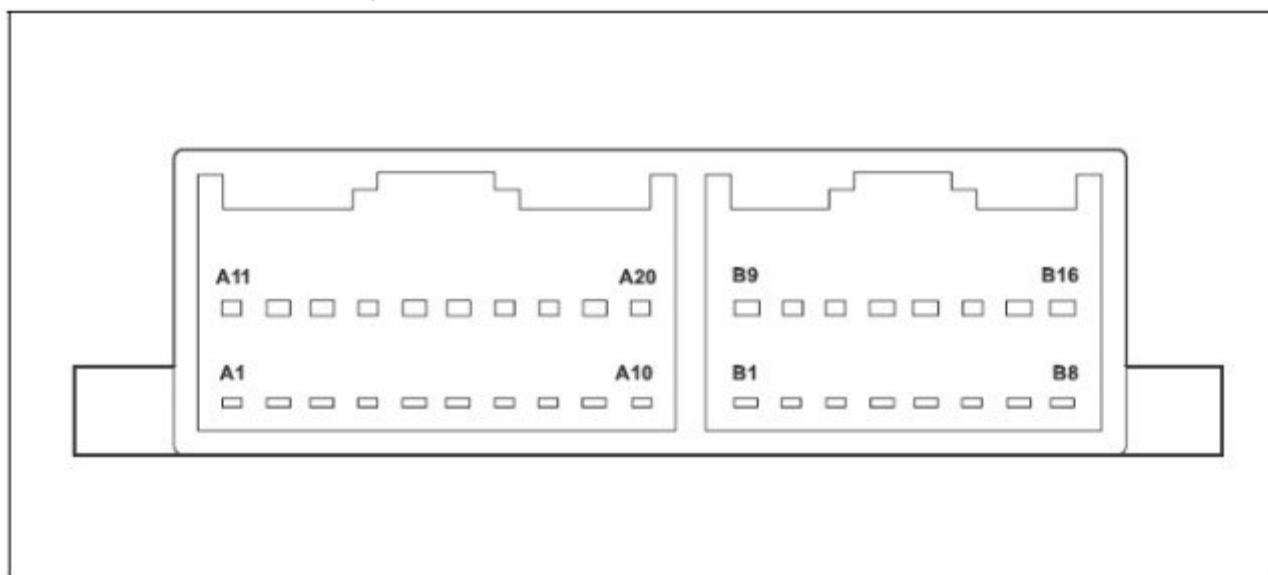
Connect automatic air conditioning controller (HV09/HV10)



Terminals no.	Function	Terminals no.	Function
A1	Panel power supply	B1	Cooling and heating temperature motor+
A2	Solar sensor +	B2	Cooling and heating temperature motor
A3	Solar sensor	B3	Internal and external circulating inner loop+
A4	Unused	B4	Internal and external circulating outer loop+
A5	Rear defrost relay control signal	B5	Unused
A6	Fan speed regulation signal	B6	Backlight
A7	Fan relay control	B7	Unused
A8	Fan feedback	B8	Unused
A9	Evaporator temperature sensor	B9	Mode air door position feedback
A10	Reference voltage grounding	B10	Mode air door+
A1	Unused	B11	Mode air door
A1	CAN_H	B12	Unused
A1	CAN_L	B13	Unused
A1	Unused	B14	Unused
A1	Cooling and heating air door position feedback	B15	Backlight +
A1	Evaporating temperature sensor signal	B16	Controller power supply

A1	Vehicle exterior temperature sensor signal		
A1	Vehicle interior temperature sensor signal		
A1	Unused		
A20	Reference voltage +5V		

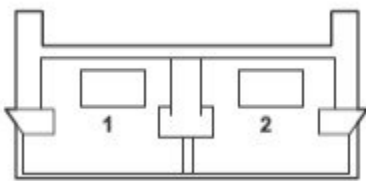
Connect electronic air conditioning controller (HV09/HV10)



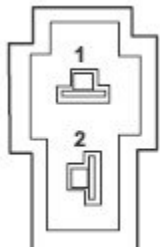
Terminals no.	Function	Terminals no.	Function
A1	Panel power supply	B1	Cooling and heating temperature motor ⁺
A2	Unused	B2	Cooling and heating temperature motor
A3	Unused	B3	Internal and external circulating inner loop ⁺
A4	Unused	B4	Internal and external circulating outer loop ⁺
A5	Rear defrost relay control signal	B5	Unused
A6	Fan speed regulation signal	B6	Backlight
A7	Fan relay control	B7	Unused
A8	Fan feedback	B8	Unused
A9	Evaporator temperature sensor	B9	Mode air door position feedback
A10	Reference voltage grounding	B10	Mode air door motor ⁺
A11	Unused	B11	Mode air door motor
A12	CAN_H	B12	Unused
A13	CAN_L	B13	Unused

A14	Unused	B14	Unused
A15	Cooling and heating temperature motor position feedback	B15	Backlight +
A16	Evaporating temperature sensor signal	B16	Controller power supply
A17	Unused		
A18	Unused		
A19	Unused		
A20	Reference voltage +5V		

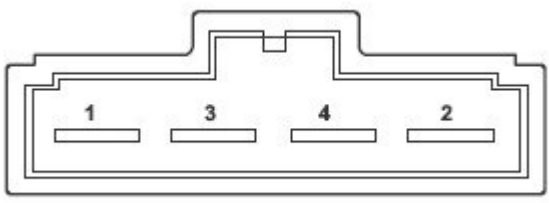
Connect Indoor temperature sensor (HV03)

	
Terminals no.	Function
1	Grounding
2	Vehicle interior temperature sensor signal

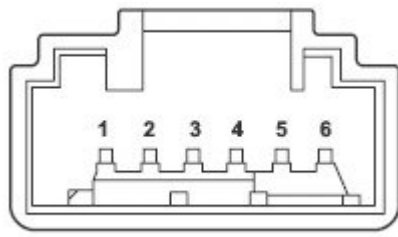
Connect Air blower (HV06)

	
Terminals no.	Function
1	Fan +
2	Fan -

Connect speed regulation module (HV07)

	
Terminals no.	Function
1	Fan end
2	Grounding end
3	Control end
4	Feedback end

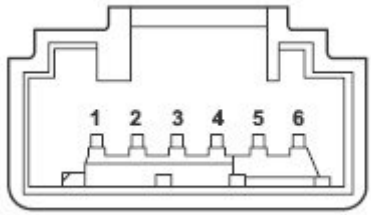
Connect cooling and heating motor (HV12)

	
Terminals no.	Function
1	Feedback
2	Feedback signal
3	Feedback+5V
4	Unused
5	Motor+

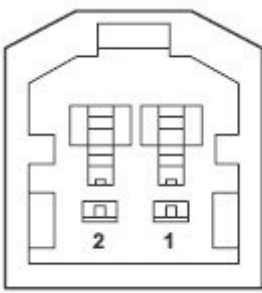
6

Motor

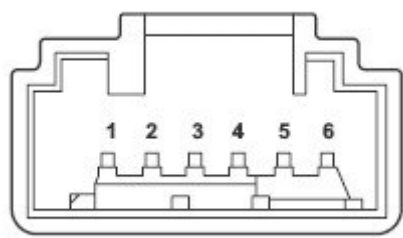
Connect left mode servo motor (HV01)

	
Terminals no.	Function
1	Feedback
2	Feedback signal
3	Feedback+5V
4	Unused
5	Motor+
6	Motor

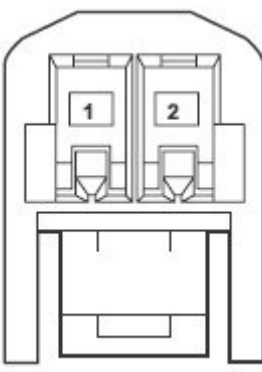
Connect solar sensor (HV02)

	
Terminals no.	Function
1	Solar sensor +
2	Solar sensor

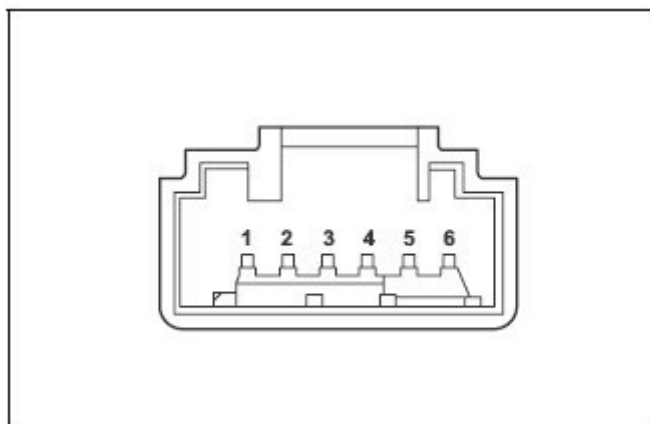
Connect inner and outer circulation motor (HV11)

	
Terminals no.	Function
1	Inner circulation of motor+
2	Outer circulation of motor+
3	Unused
4	Unused
5	Unused
6	Unused

Connect evaporator temperature sensor (HV08)

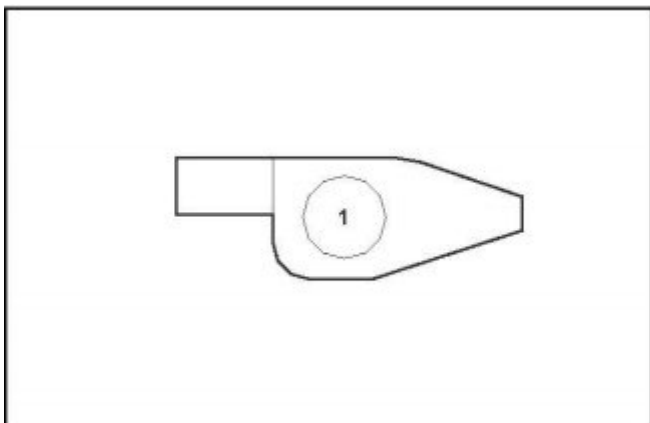
	
Terminals no.	Function
1	Sensor +
2	Sensor -

Connect right mode servo motor (**HV13**)



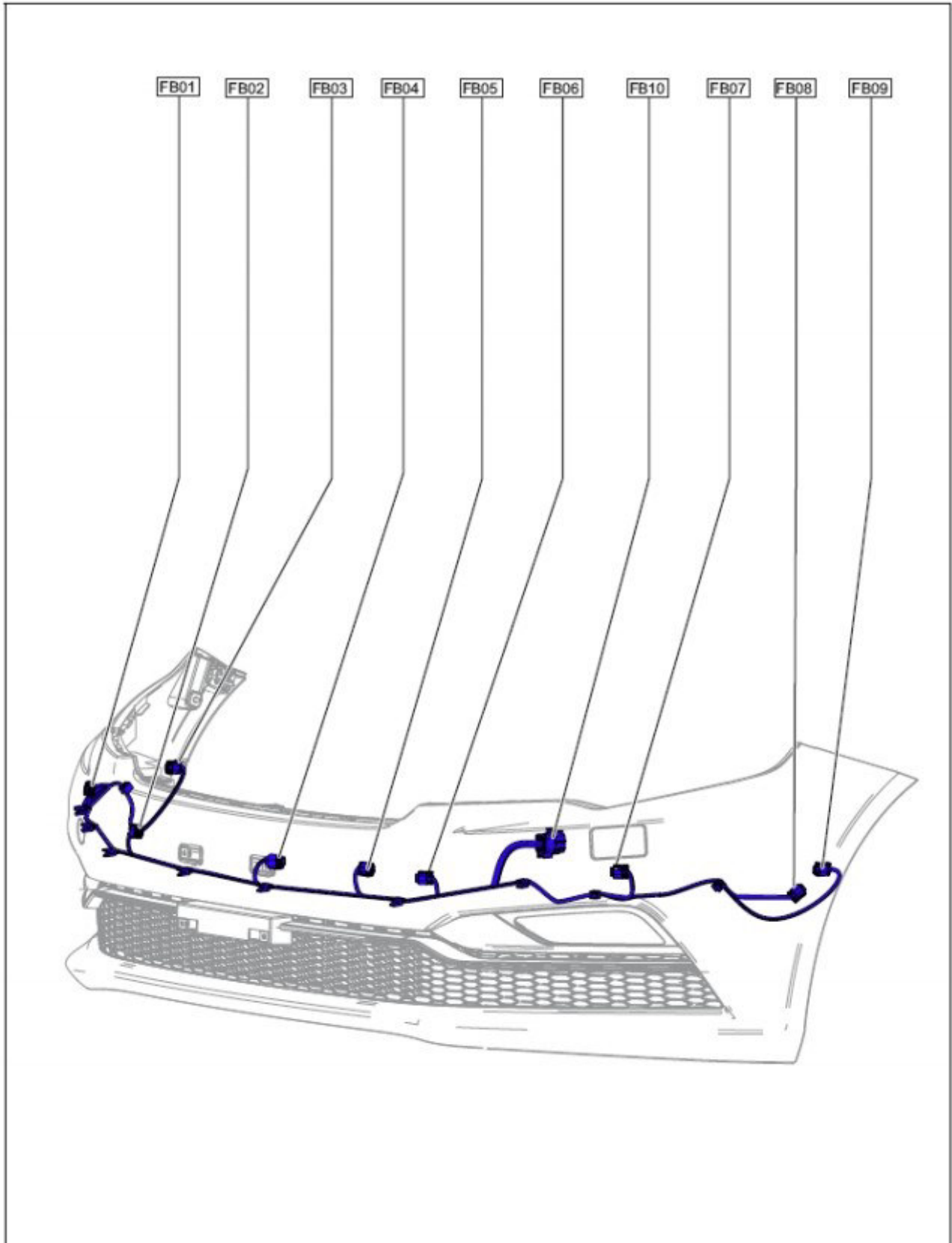
Terminals no.	Function
1	Feedback
2	Feedback signal
3	Feedback+5V
4	Unused
5	Motor+
6	Motor

Bonding (**HV05**)



Terminals no.	Wire size	Wire diameter / color	Function
1	G1012	2.5 B	Refer to “grounding location, function and distribution”

Front wire harness

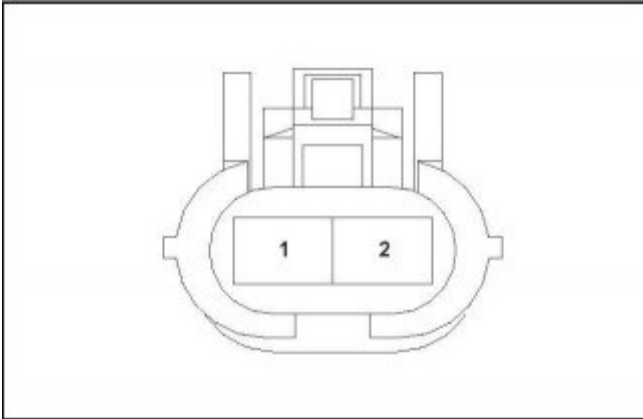


Front harness- plug definition

Plug code	Connected electrical equipment
FB01	Front right fog lamp
FB02	Right front probe
FB03	Right front blind spot probe
FB04	Right front middle probe
FB05	Front camera
FB06	Left front middle probe
FB07	Left front probe
FB08	Front left fog lamp
FB09	Left front blind spot probe
FB10	Plug connecting the engine room wiring harness

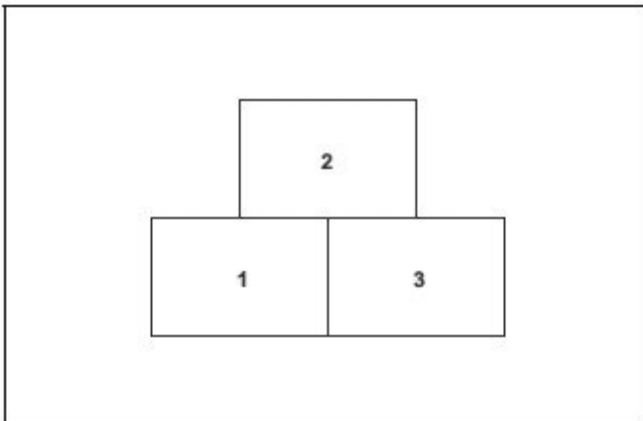
Front wire harness plug description

Front right fog lamp (FB01)



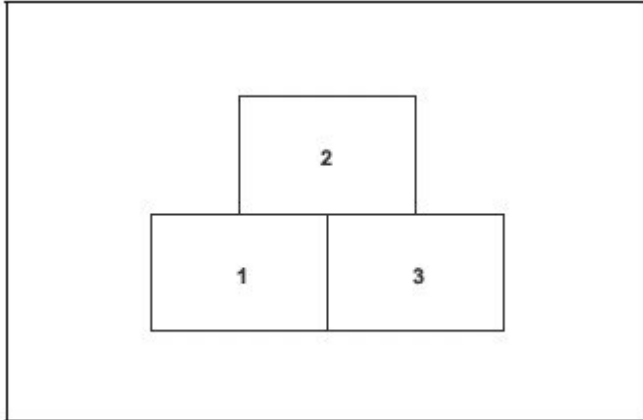
Terminals no.	Wire size	Wire diameter / color	Function
1	B215B	0.75 GY	Front right fog lamp power supply
2	G1004B	0.75 B	Grounding

Right front probe (FB02)



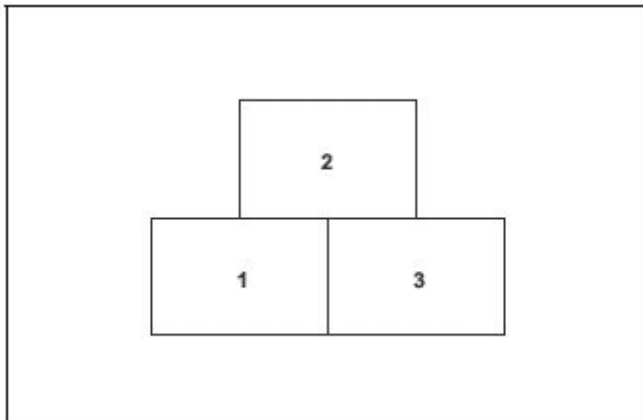
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04D	0.35 BrW	Right front radar sensor power supply
2	LB08D	0.35 BrB	Right front radar sensor grounding
3	LA03	0.35 W	Right front radar sensor signal

Right front blind spot probe (**FB03**)



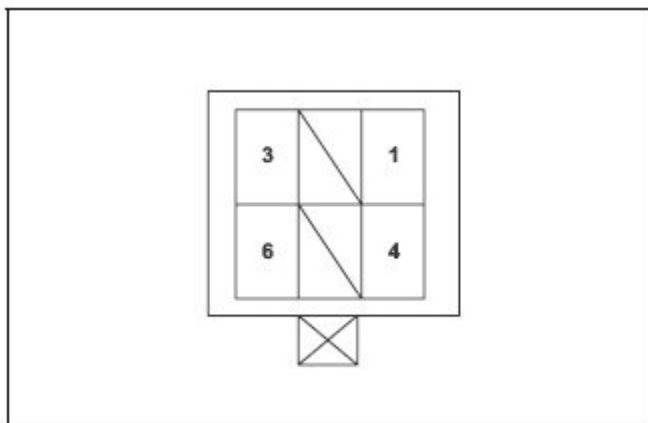
Terminals no.	Wire size	Wire diameter / color	Function
1	LC01A	0.35 BrW	Blind spot detection probe power supply
2	LC02A	0.35 BrB	Blind spot detection probe
3	LC06	0.35 RY	Front right blind spot detection probe data

Right front middle probe (**FB04**)



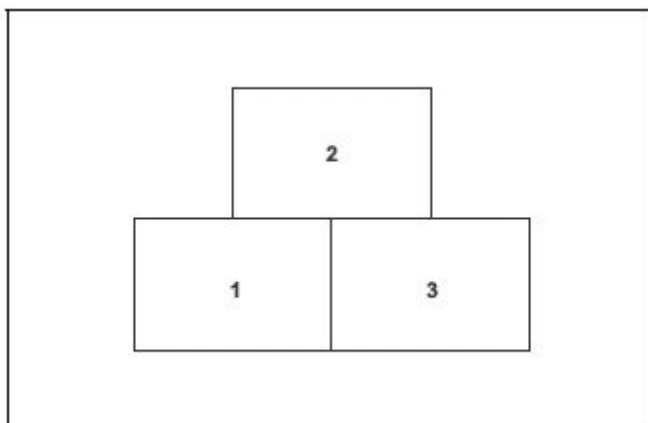
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04C	0.35 BrW	Right middle radar sensor power supply
2	LB08C	0.35 BrB	Right middle radar sensor grounding
3	LA04	0.35 O	Right middle radar sensor signal

Front camera (FB05)



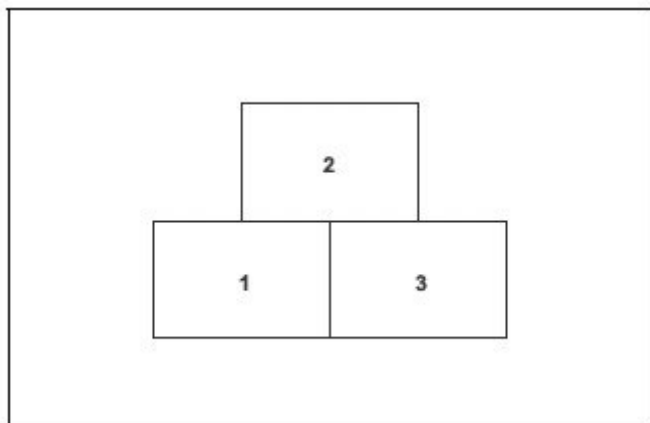
Terminals no.	Wire size	Wire diameter / color	Function
1	QJ32	0.35 B	Front camera power supply
2	-	-	Unused
3	QJ12	0.35 RW	Front camera power supply +
4	QJ13	0.35 BW	Front camera video signal
5	-	-	Unused
6	QJ33	0.35 P	Front camera video signal+

Left front middle probe (FB06)



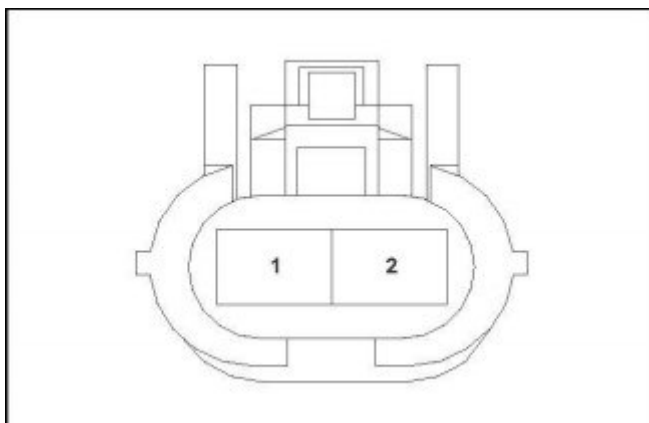
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04B	0.35 BrW	Left middle radar sensor power supply
2	LB08B	0.35 BrB	Left middle radar sensor grounding
3	LA05	0.35 V	Left middle radar sensor signal

Left front probe (FB07)



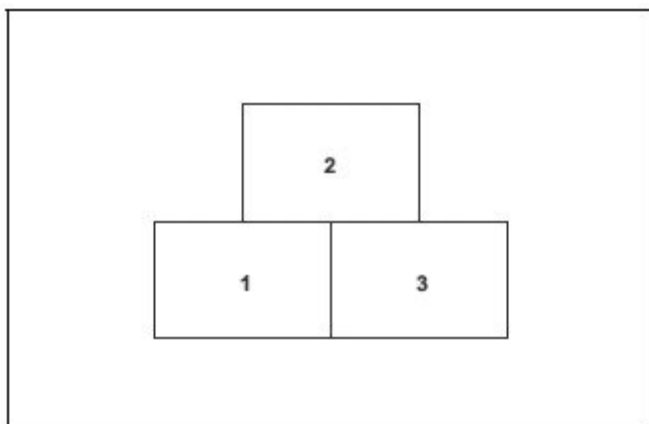
Terminals no.	Wire size	Wire diameter / color	Function
1	LB04A	0.35 BrW	Left front radar sensor power supply
2	LB08A	0.35 BrB	Left front radar sensor grounding
3	LA06	0.35 YBr	Left front radar sensor signal

Front left fog lamp (FB08)



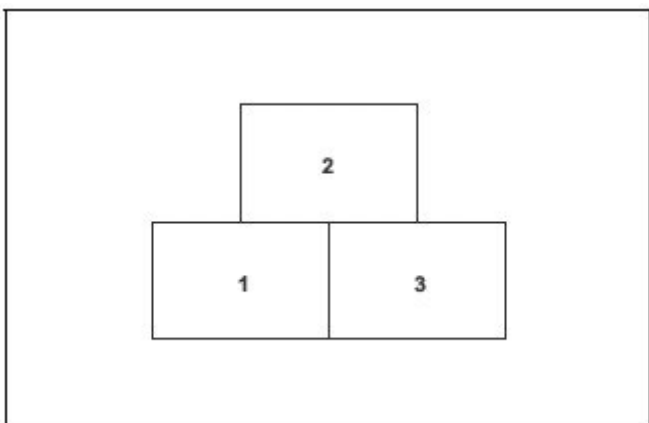
Terminals no.	Wire size	Wire diameter / color	Function
1	B215A	0.75 GY	Front left fog lamp power supply
2	G1004A	0.75 B	Grounding

Left front blind spot probe (FB09)



Terminals no.	Wire size	Wire diameter / color	Function
1	LC01B	0.35 BrW	Blind spot detection probe power supply
2	LC02B	0.35 BrB	Blind spot detection probe
3	LC05	0.35 GR	Front left blind spot detection probe data

Connect engine room wiring harness (FB10)

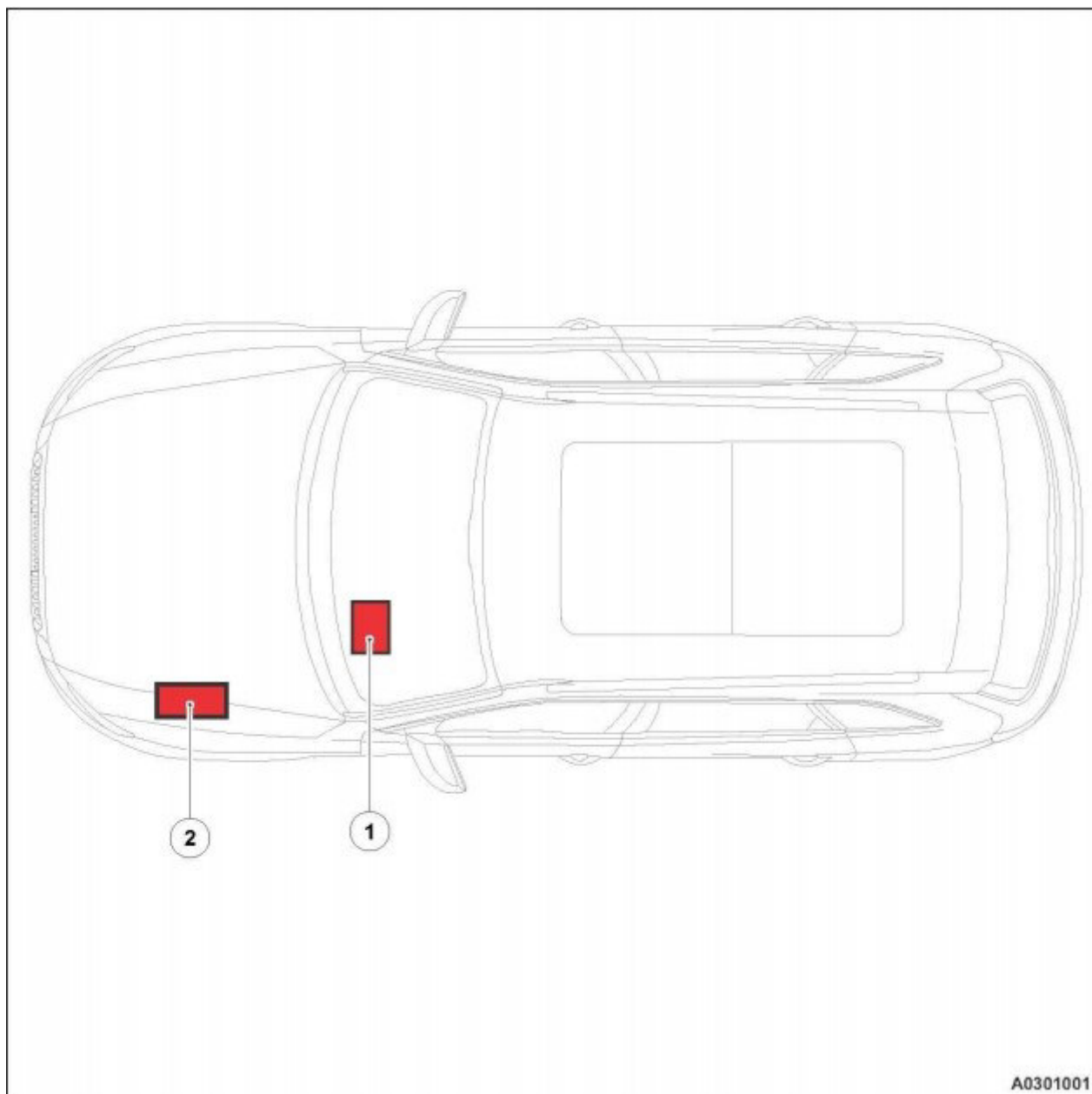


Terminals no.	Wire size	Wire diameter / color	Function
1	B215	0.75 GY	Front fog lamp power supply
2	G1004H	0.75 B	Grounding
3	LC06	0.35 RY	Front right blind spot detection probe data
4	LC05	0.35 GR	Front left blind spot detection probe data
5	LA03	0.35 W	Right front radar sensor signal
6	LA04	0.35 O	Right middle radar sensor signal
7	LA05	0.35 V	Left middle radar sensor signal

Arrangement of harness and plug instructions

8	LA06	0.35 YBr	Left front radar sensor signal
9	LB04	0.35 BrW	Radar sensor power supply
10	LB08	0.35 BrB	Radar sensor grounding
11	QJ12	0.35 RW	Front camera power supply +
12	QJ13	0.35 BW	Front camera video signal
13	QJ32	0.35 B	Front camera power supply
14	QJ33	0.35 P	Front camera video signal+
15	LC02	0.35 BrB	Blind spot detection probe grounding
16	LC01	0.35 BrW	Blind spot detection probe power supply

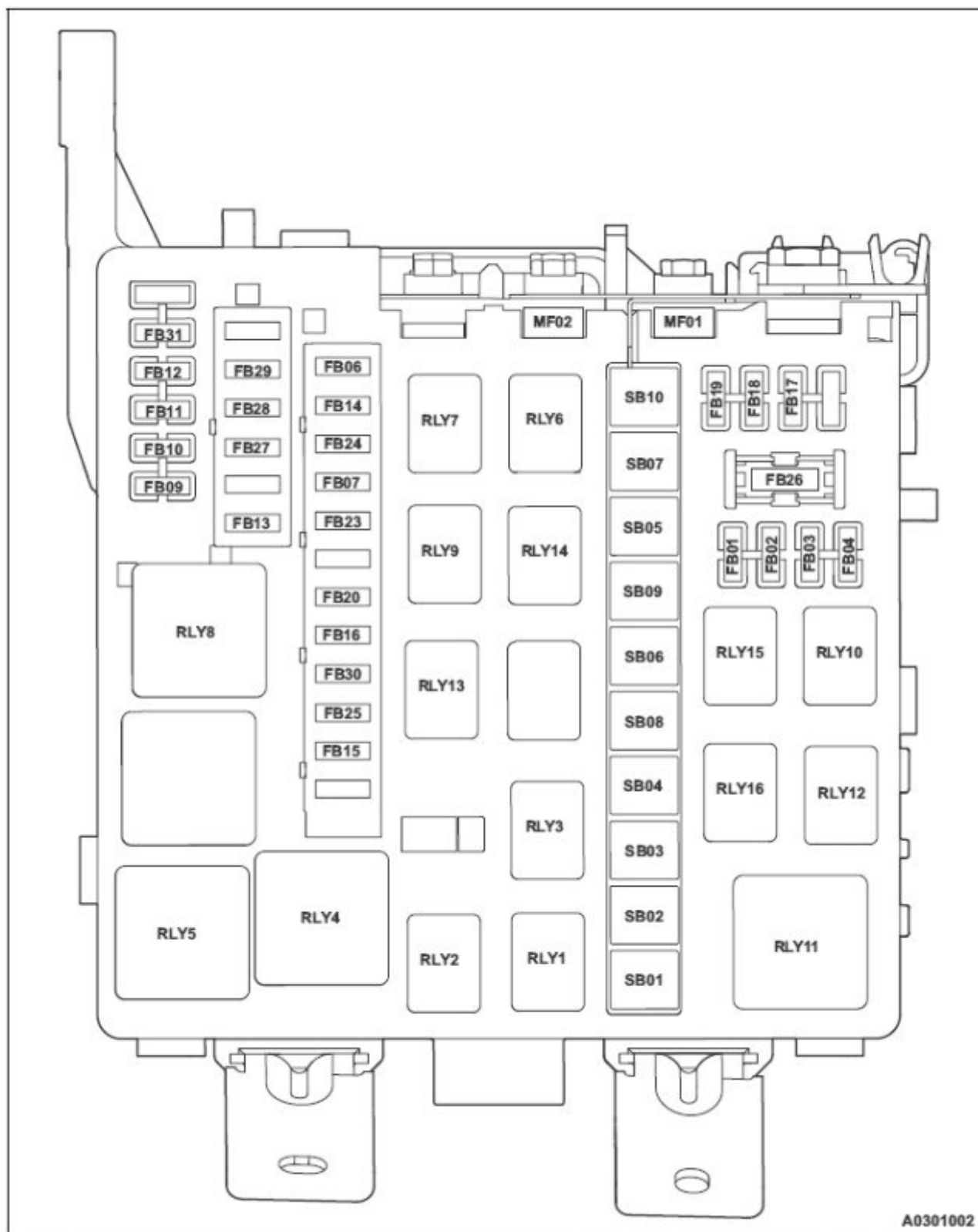
Position diagram



Electrical box description

No.	Name	position
1	Electrical box of dashboard	Driver side dashboard
2	Electrical box of engine room	Left side engine room

Electrical box in engine room



A0301002

Relay description- Electrical box in engine room

Code	Name
RLY1	Start relay
RLY2	High beam relay
RLY3	Low beam relay
RLY4	High speed fan relay
RLY5	low speed fan relay
RLY6	Air conditioning compressor relay
RLY7	Fuel oil pump relay
RLY8	Main relay
RLY9	Headlamp washing relay
RLY10	Front fog lamp relay
RLY11	Air blower high speed relay
RLY12	Back-up relay
RLY13	Vacuum pump relay
RLY14	Rearview mirror folded relay
RLY15	Rearview mirror open relay
RLY16	Daytime running lamps (DRL) relay

Fuse description- Electrical box in engine room

Code	Rated current	Description
FB01	10A	Left high beam
FB02	10A	Right high beam
FB03	10A	Left low beam
FB04	10A	Right low beam
FB06	10A	A/C Compressor
FB07	15A	Fuel pump
FB09	5A	Rear oxygen sensor
FB10	10A	Ignition coil/ Injector
FB11	5A	ECU/ Canister solenoid valve / Engine control valve

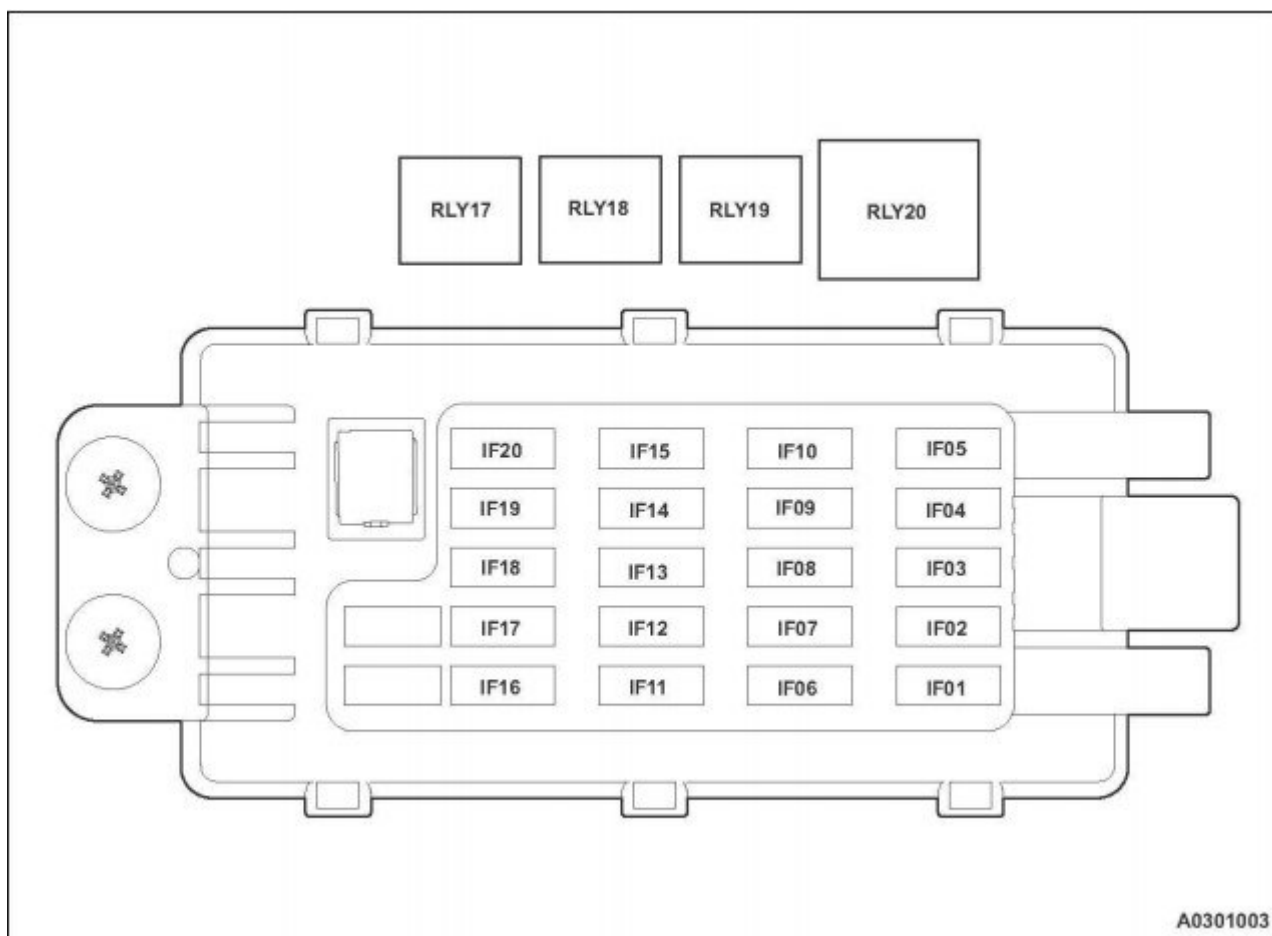
Arrangement of harness and plug instructions

Code	Rated current	Description
FB12	5A	Front oxygen sensor
FB13	5A	ECU/ Main relay
FB14	30A	Headlamp washing
FB15	15A	Front fog lamp
FB16	-	-
FB17	5A	Air condition pressure switch
FB18	10A	Back-up relay, back-up lamp
FB19	10A	TCU IG
FB20	20A	Vacuum pump
FB23	10A	Rearview mirror folded
FB24	5A	DRL (Daytime running lamps)
FB25	15A	ABS (ESC)
FB26	30A	Electrical box of dashboard (quiescent current)
FB27	25A	Rear defrost
FB28	15A	Rear wiper
FB29	30A	Driver electronic speed controller seat
FB30	30A	Passenger electronic speed controller seat
FB31	5A	ABS (ESC) / Rotating angle sensor (SAS)
SB01	25A	Starter
SB02	40A	High speed fan
SB03	30A	Low speed fan
SB04	25A	Air blower high speed
SB05	30A	Ignition switch /ON gear relay
SB06	30A	Electrical box of dashboard 30
SB07	40A	Electrical box of dashboard (BCM)
SB08	30A	EPB
SB09	40A	ABS (ESC)
SB10	30A	EPB

Arrangement of harness and plug instructions

Code	Rated current	Description
MF01	125A	Engine
MF02	80A	EPS

Electrical box of dashboard



Dashboard relay description

Code	Name
RLY17	Rear wiper relay
RLY18	ON gear relay- keyless start (PEPS)
RLY19	Rear back lock motor relay
RLY20	Rear defrosting relay

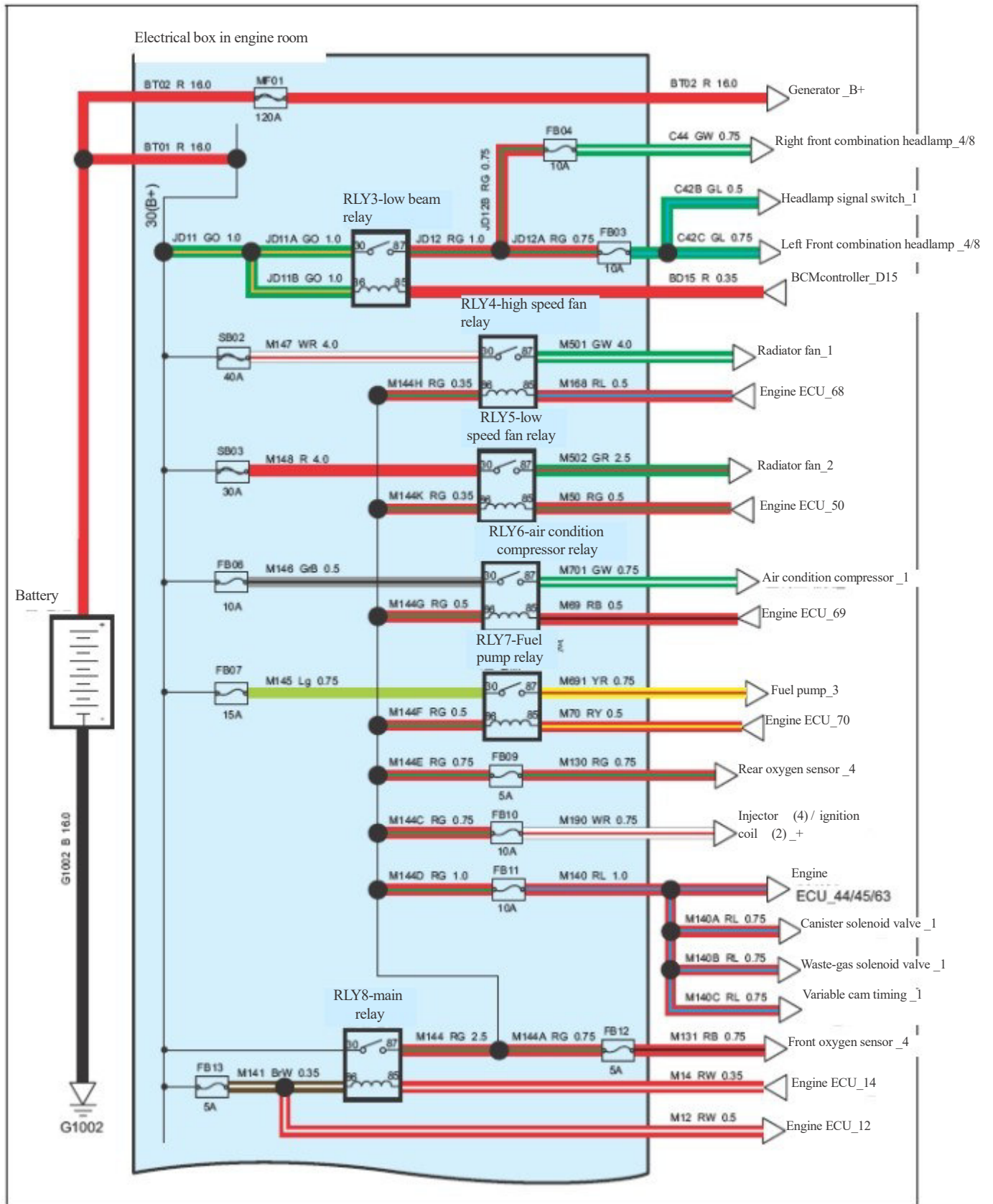
Note: ACC relay is integrated in the fuse circuit board of the dashboard.

Dashboard fuse description

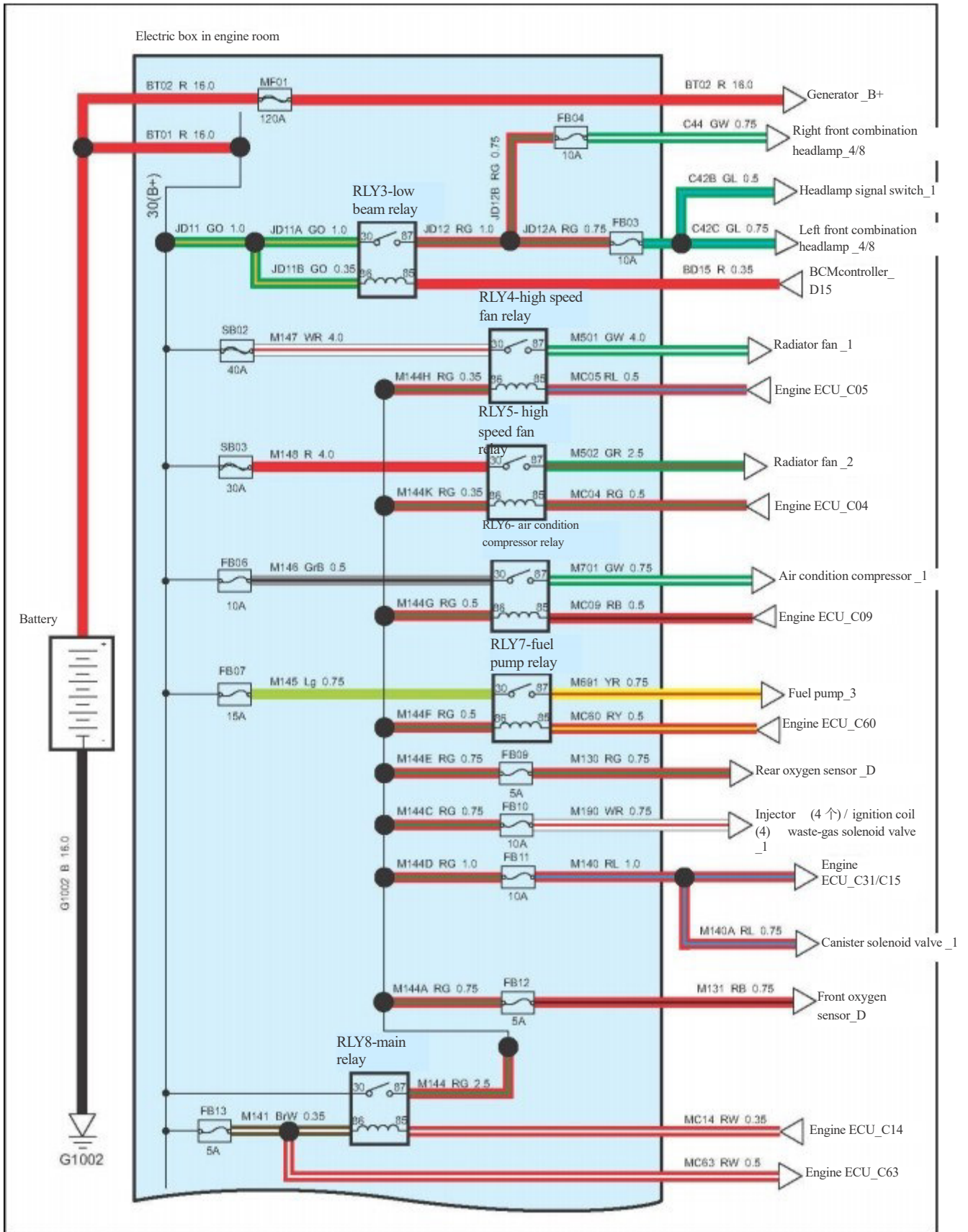
Code	Rated voltage	Description
IF01	20A	Rear back door open/ Skylight
IF02	5A	Gateway/TCU/ tire pressure monitoring /ALS/ Engine/ Engine ECU
IF03	5A	Air conditioning controller/ Skylight controller/BCM/ Camera
IF04	15A	Engine electrical box IG
IF05	5A	Immobilizer controller IG/EPB
IF06	15A	Audio
IF07	5A	Instrument /PEPS
IF08	20A	BCM (wiper / washing)
IF09	5A	Reversing radar module/EPB/ Instrument IG/4WD
IF10	7.5A	Airbag controller/EPB
IF11	30A	BCM (Front windows)
IF12	15A	BCM (Energy saving) /PEPS
IF13	30A	Rear window-BCM
IF14	20A	4WD/PEPS
IF15	10A	Diagnosis port/ immobilizer controller/ gateway/ The key is not pulled out /PEPS Switch/ Brake switch
IF16	20A	Cigar lighter/ACC feedback
IF17	5A	Audio/BCM/ rain sensor / rearview mirror / electrical box in engine room ACC
IF18	10A	Reserved
IF19	30A	BCM (lock motor/ steering column lock/ horn)
IF20	30A	BCM (Steering lamp/ fog lamp/ position lamp)

Power supply distribution - Electrical box in engine room

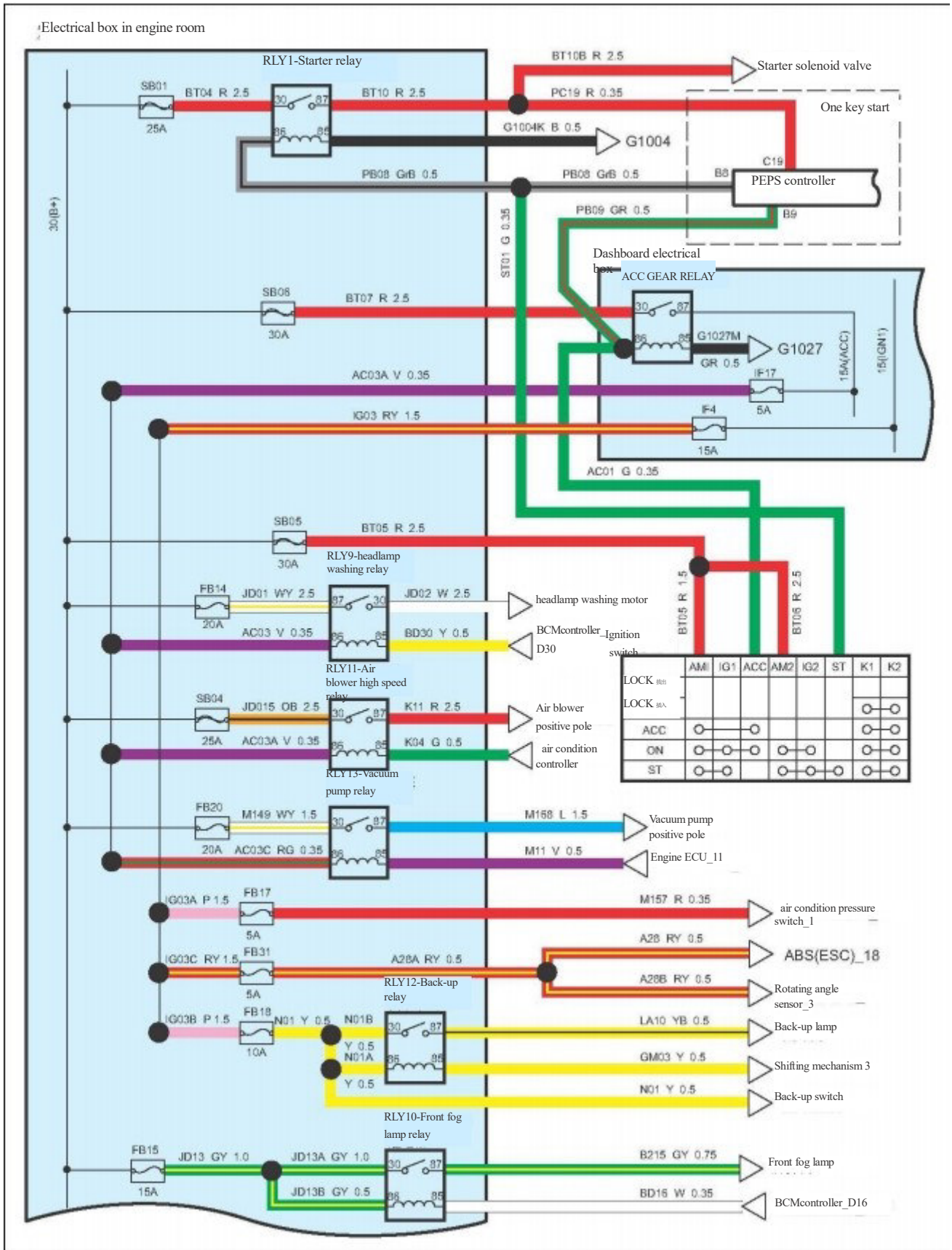
MF01/SB02/SB03/FB03/FB04/FB06/FB07/FB09/FB10/FB11/FB12/FB13/RLY3/RLY4/RLY5/RLY6/RLY7/RLY8



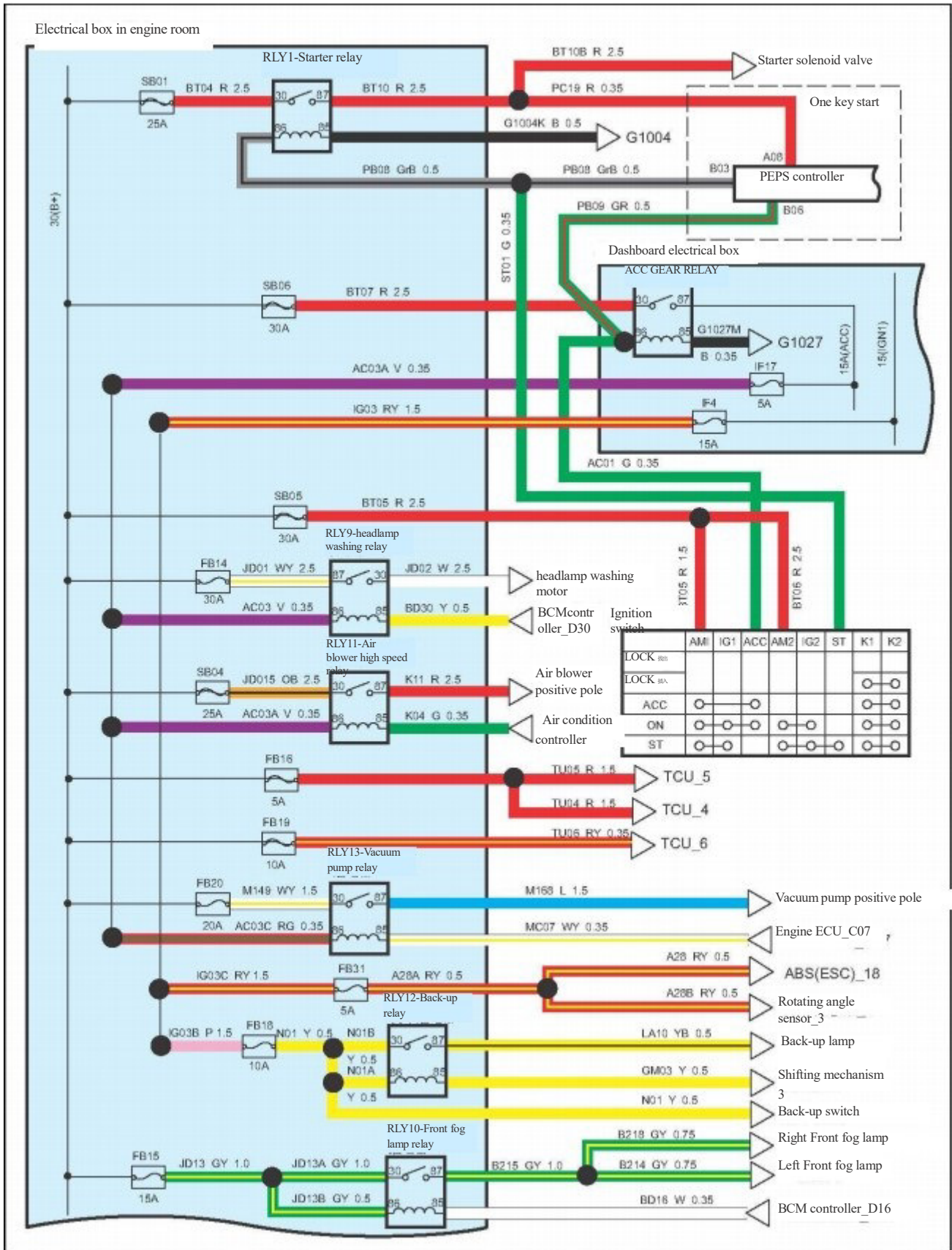
MF01/SB02/SB03/FB03/FB04/FB06/FB07/FB09/FB10/FB11/FB12/FB13/RLY3/RLY4/RLY5/RLY6/RLY7/
RLY8-2.0T



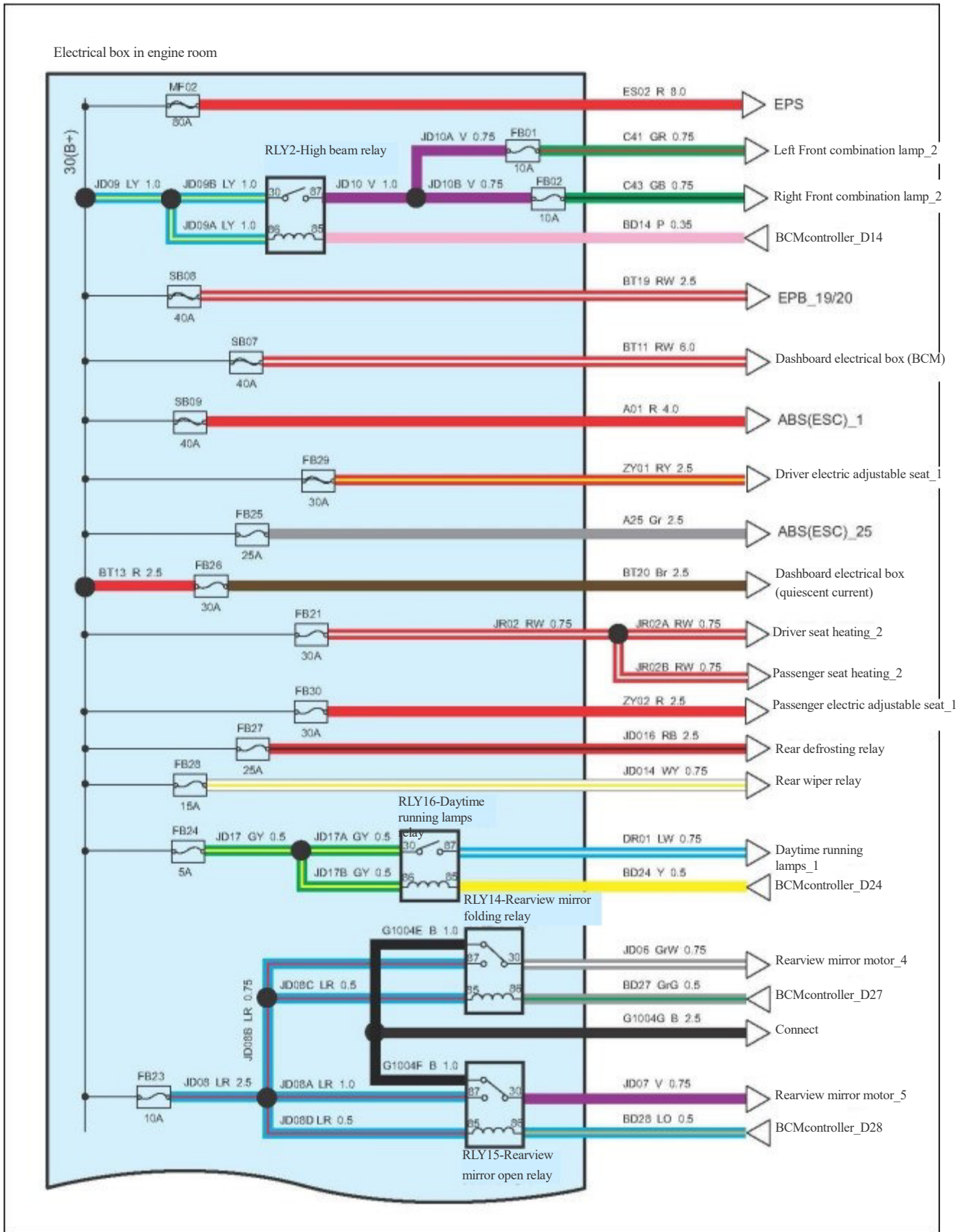
SB01/SB04/SB05/SB06/FB14/FB15/FB17/FB18/FB20/FB31/RLY1/RLY9/RLY10/RLY11/RLY13



SB01/SB04/SB05/SB06/FB14/FB15/FB18/FB19/FB20/FB31/RLY1/RLY9/RLY10/RLY11/RLY13-2.0T

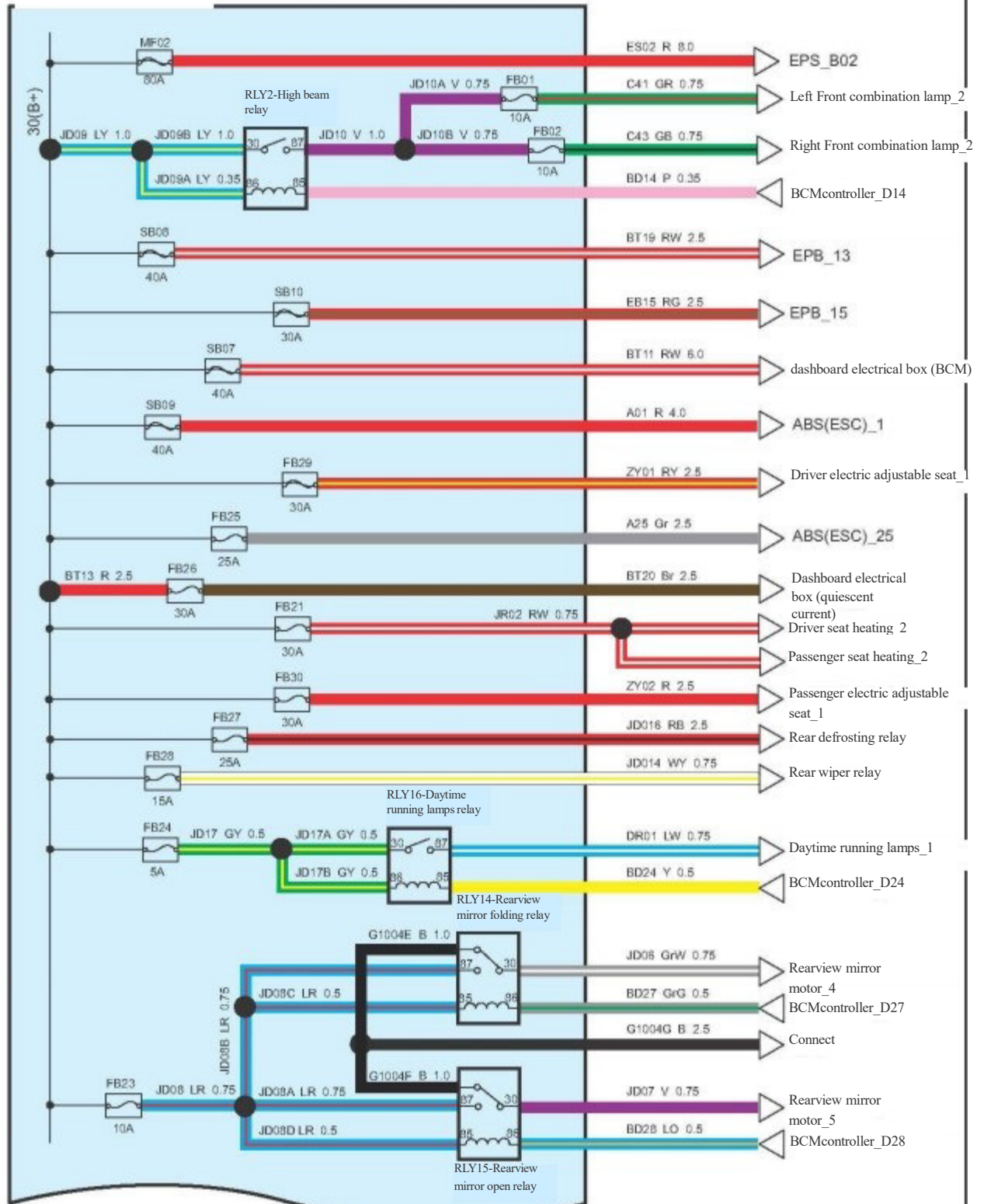


**MF02/SB07/SB08/SB09/FB01/FB02/FB21/FB23/FB24/FB25/FB26/FB27/FB28/FB29/FB30/RLY2/RLY12/R
LY14/RLY15/RLY16**



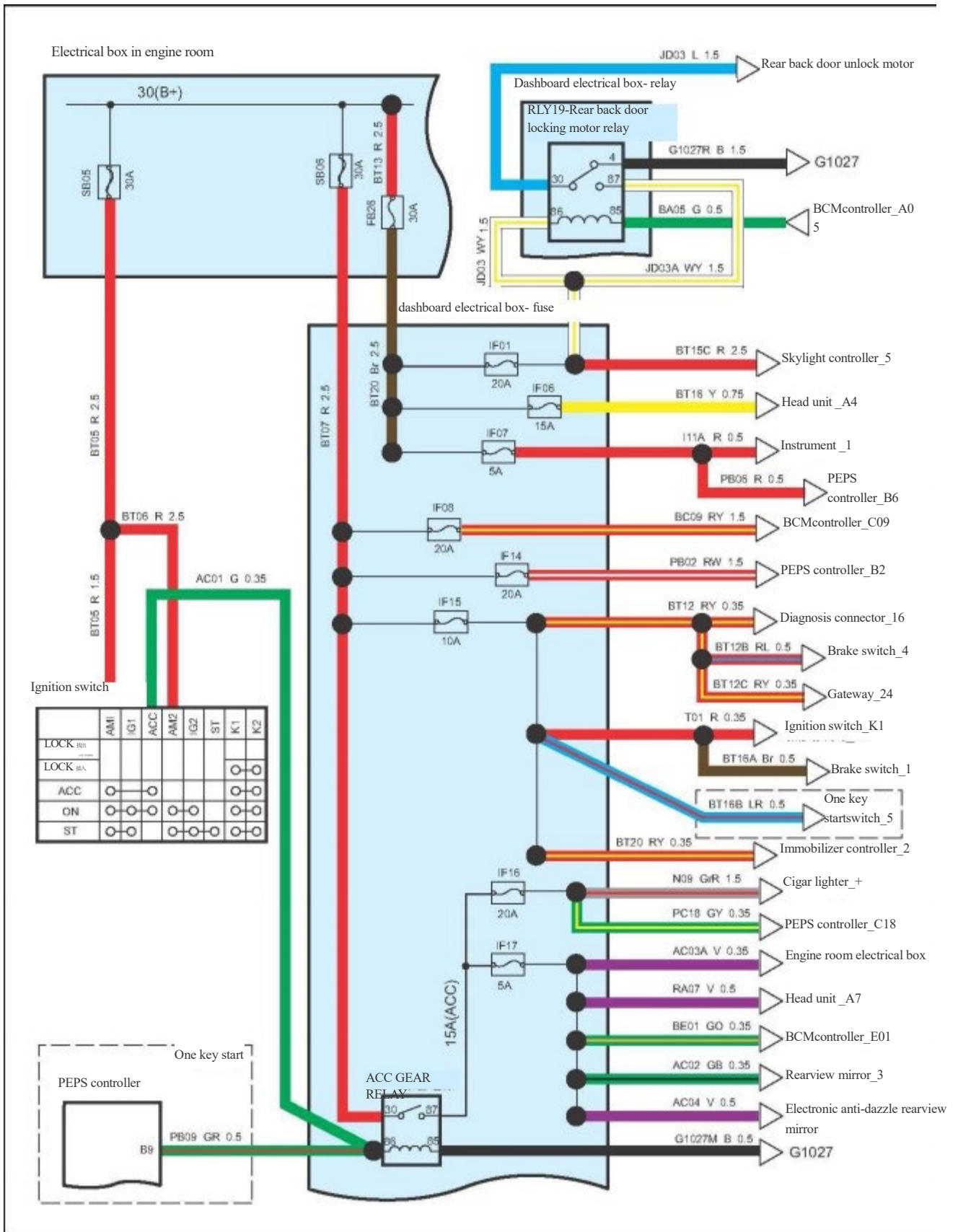
MF02/SB07/SB08/SB09/SB10/FB01/FB02/FB21/FB23/FB24/FB25/FB26/FB27/FB28/ FB29/ FB30/ RLY2/
RLY12/ RLY14/RLY15/RLY16-2.0T

Electrical box in engine room

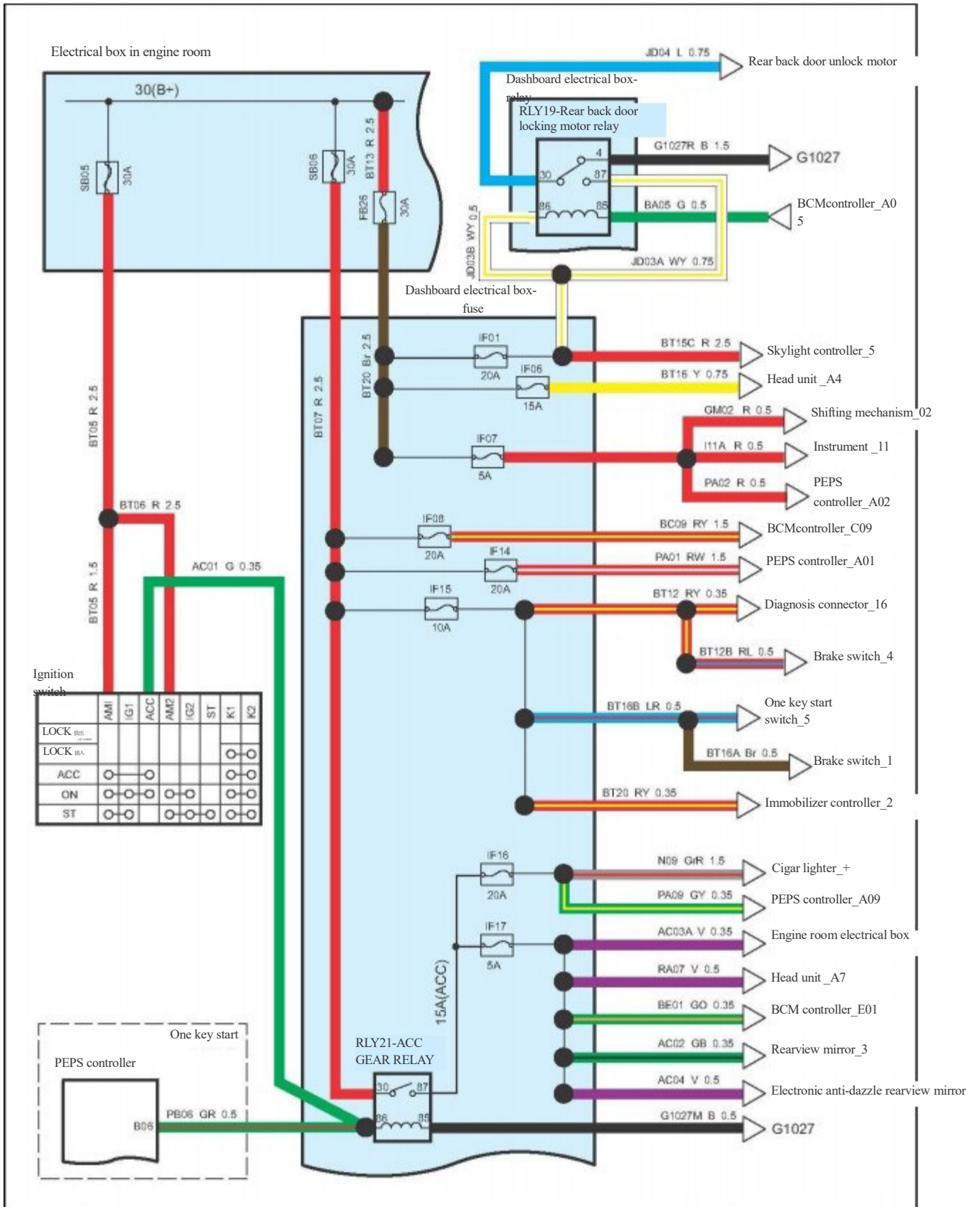


Power supply distribution-dashboard electrical box

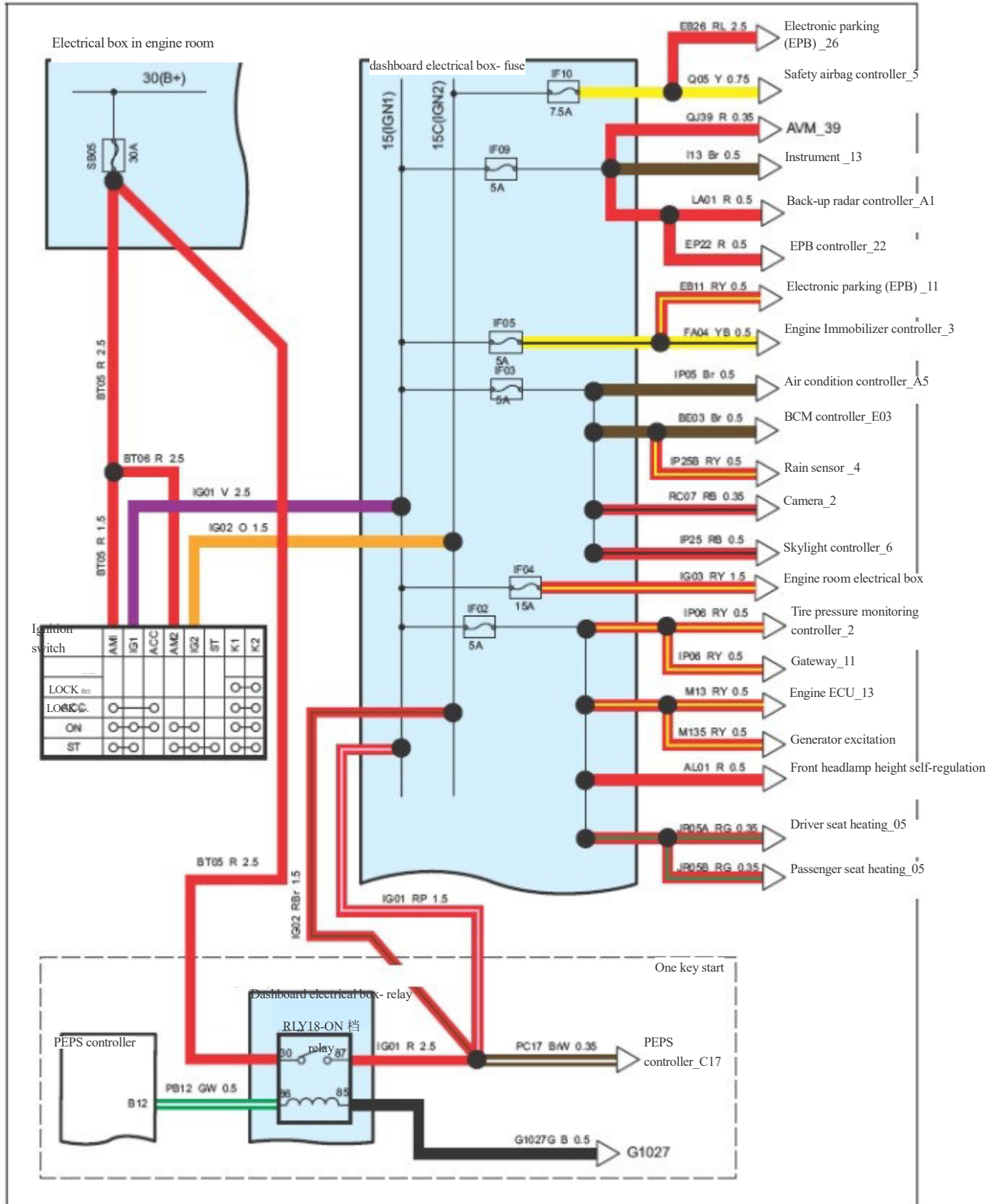
IF01/IF06/IF07/IF08/IF14/IF15/IF16/IF17/RLY19/RLY21



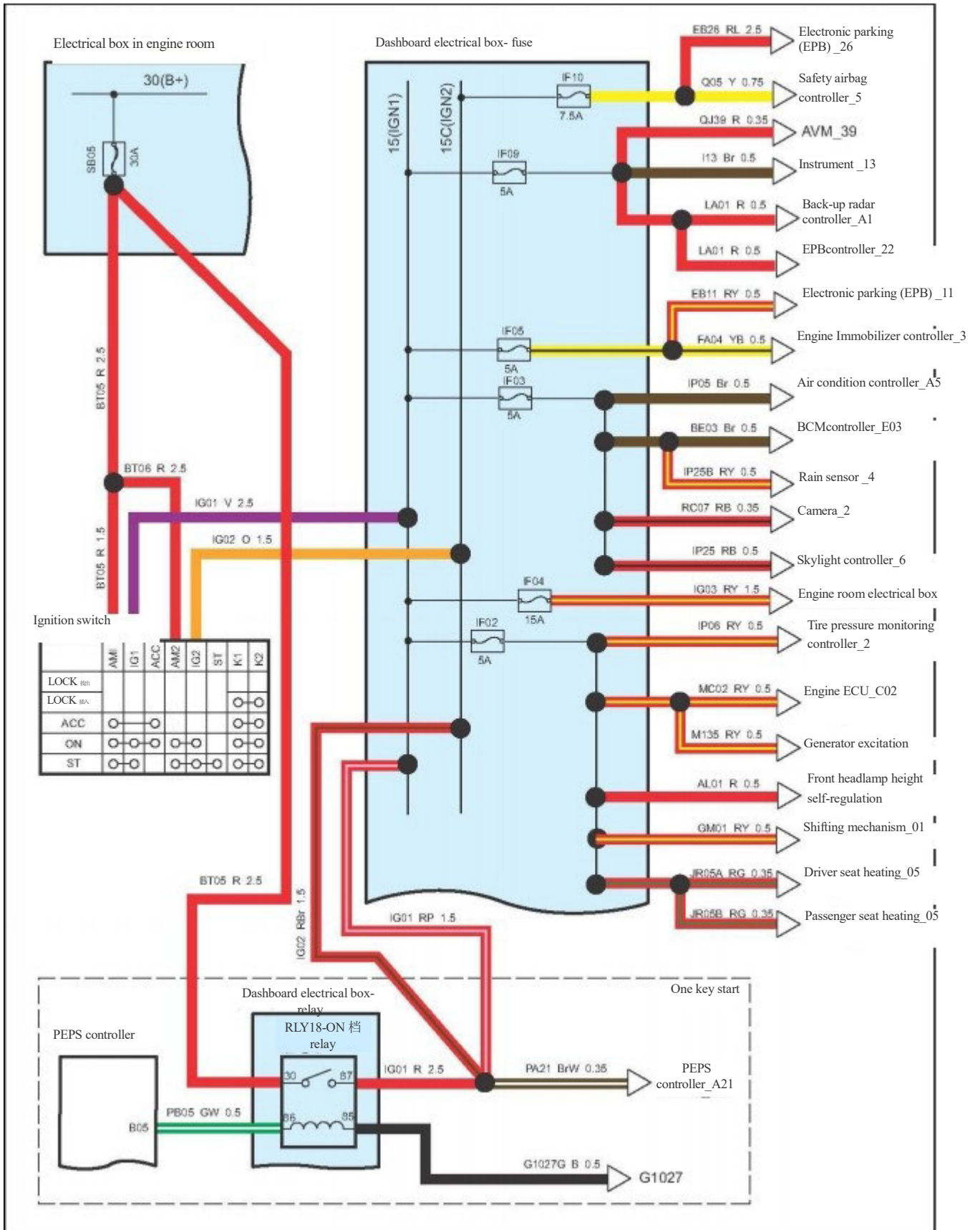
IF01/IF06/IF07/IF08/IF14/IF15/IF16/IF17/RLY19/RLY21-2.0T



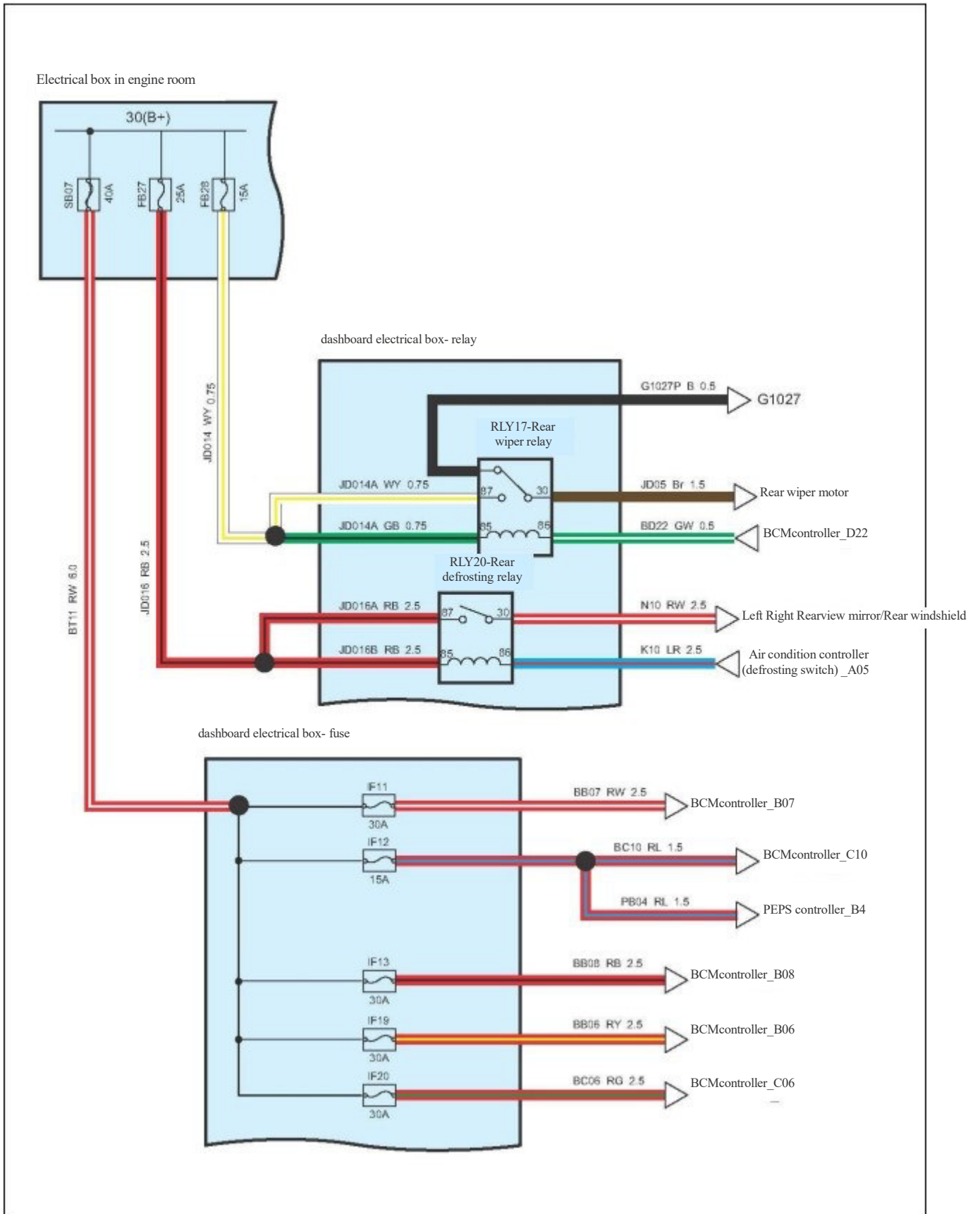
IF02/IF03/IF04/IF05/IF09/IF10/RLY18



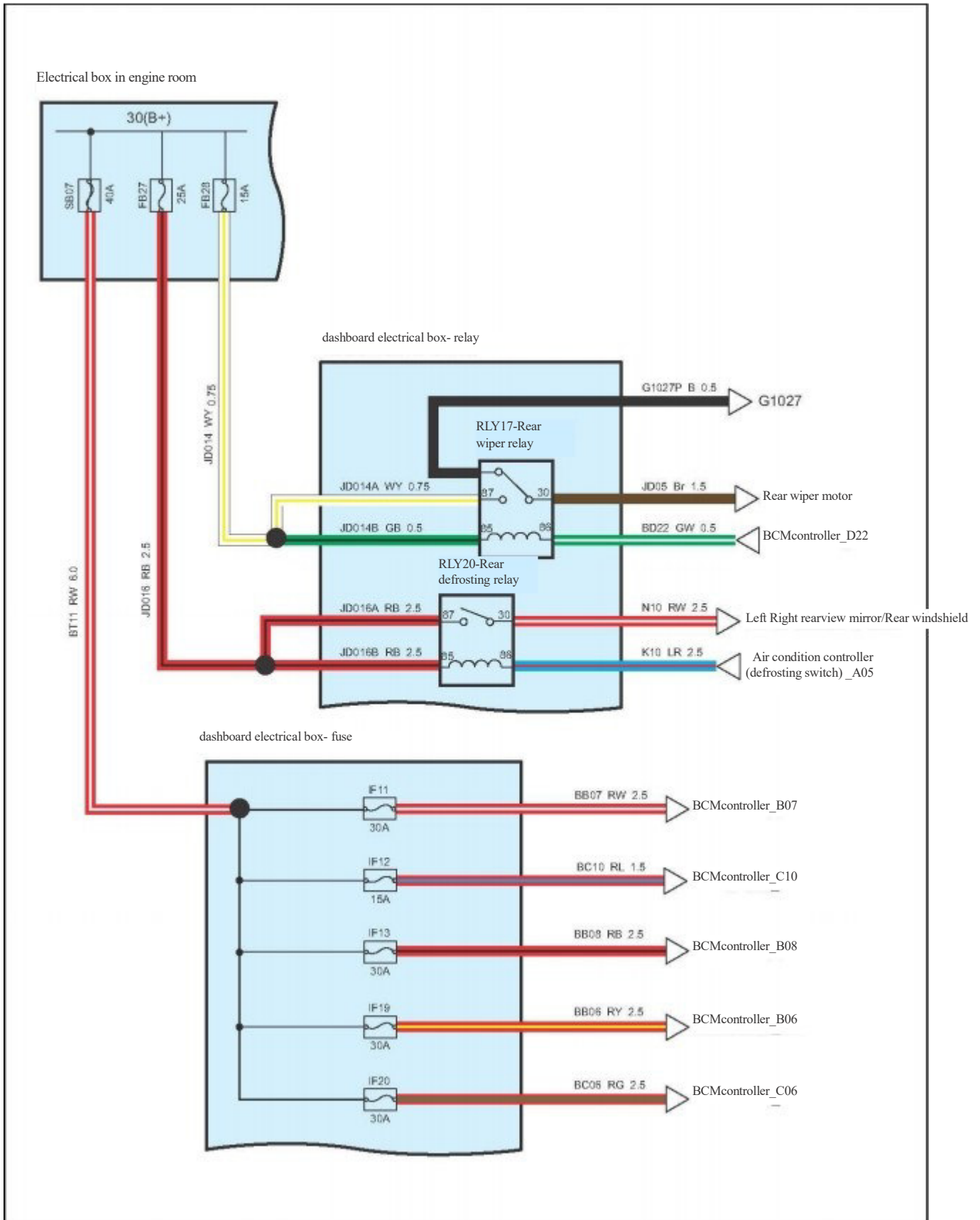
IF02/IF03/IF04/IF05/IF09/IF10/RLY18-2.0T



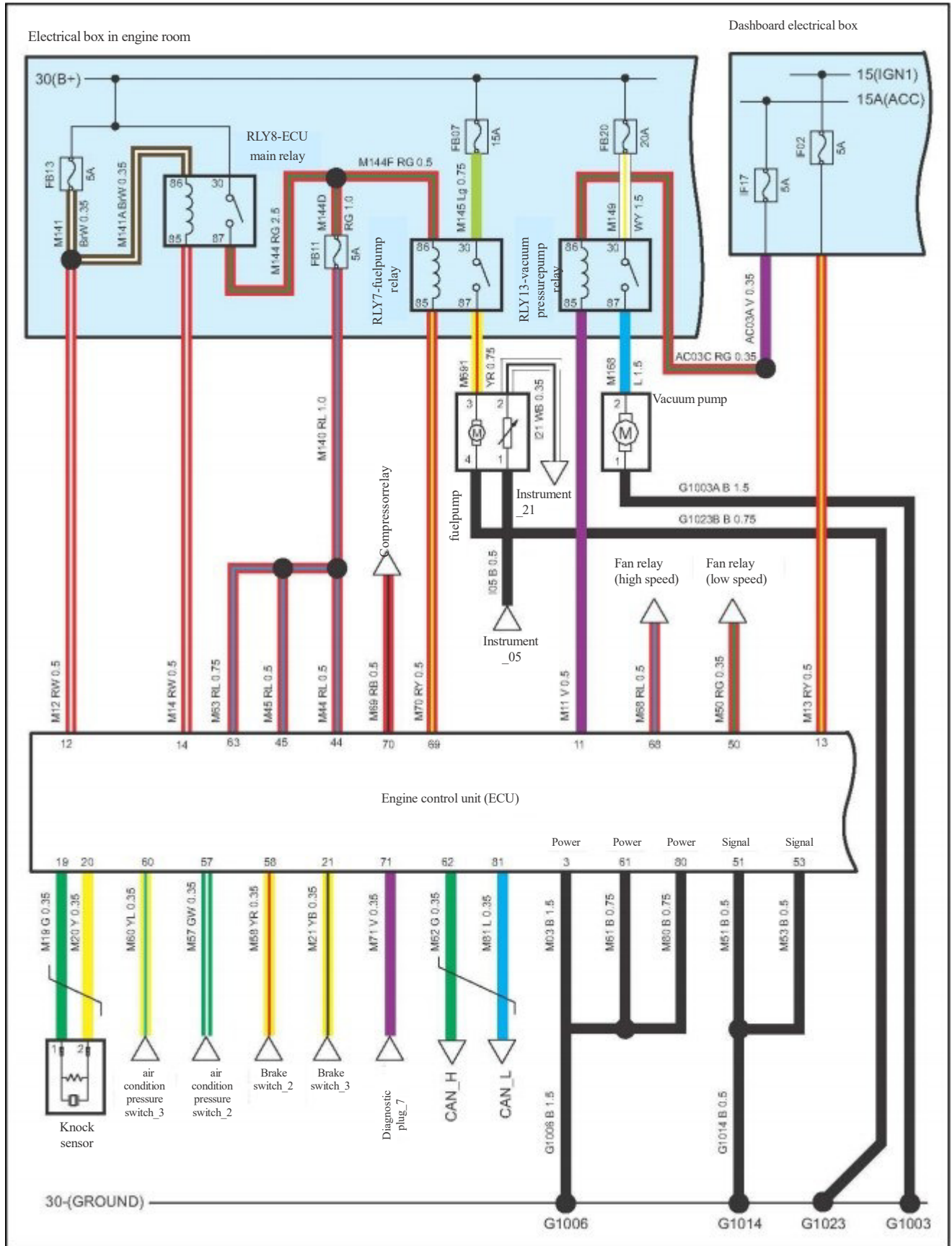
IF11/IF12/IF13/IF19/IF20/RLY17/RLY20



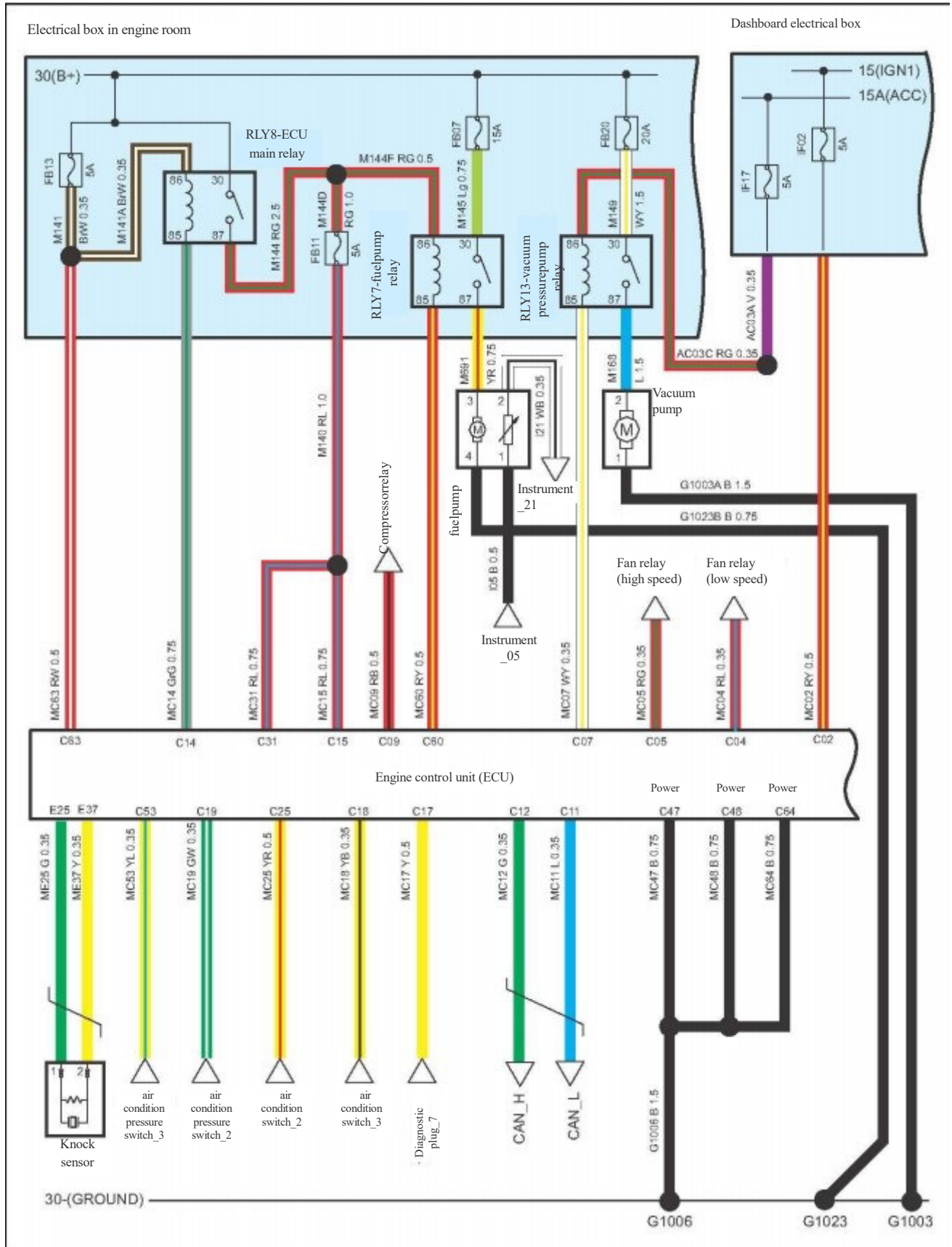
IF11/IF12/IF13/IF19/IF20/RLY17/RLY20-2.0T



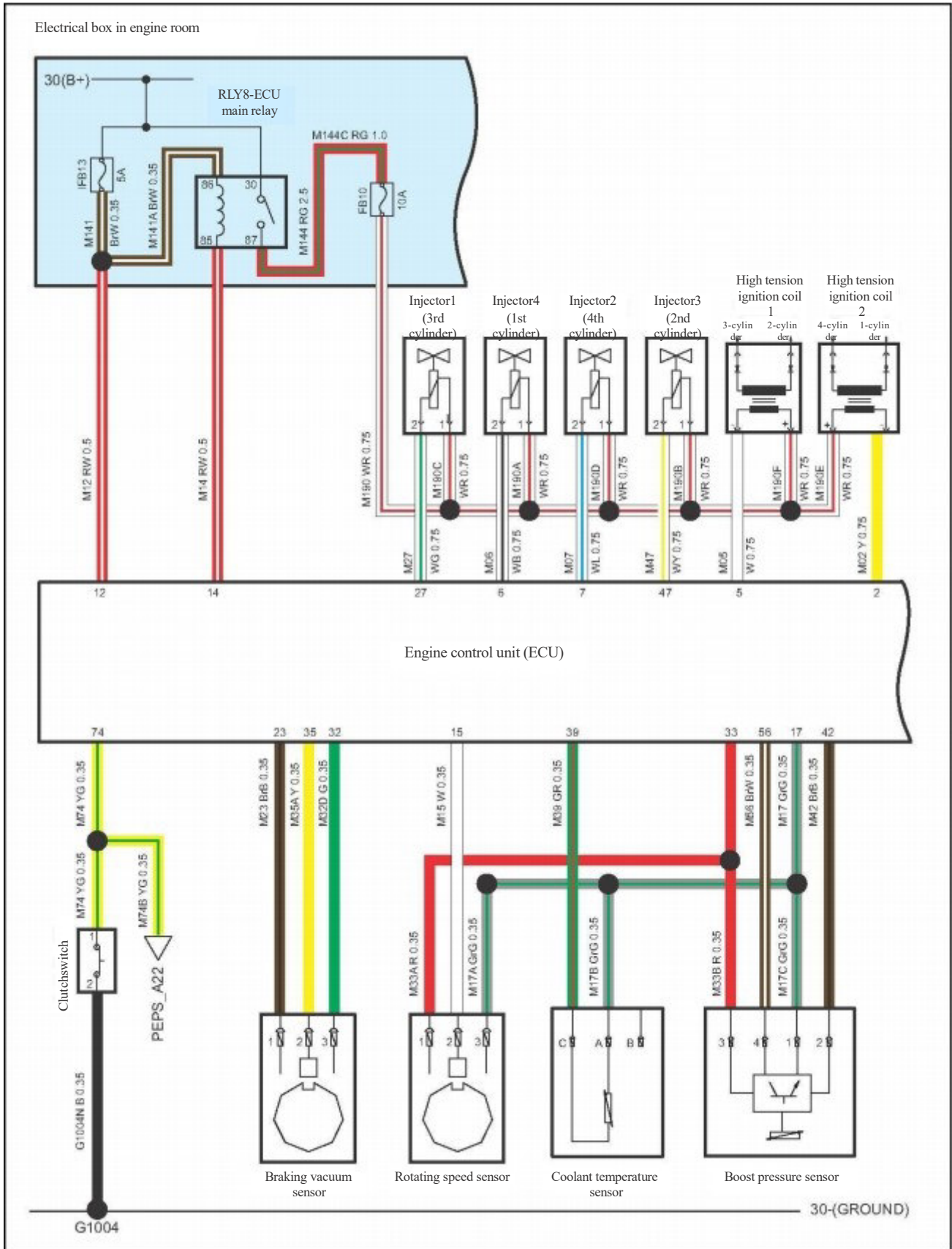
Engine management system (1.5T) _1



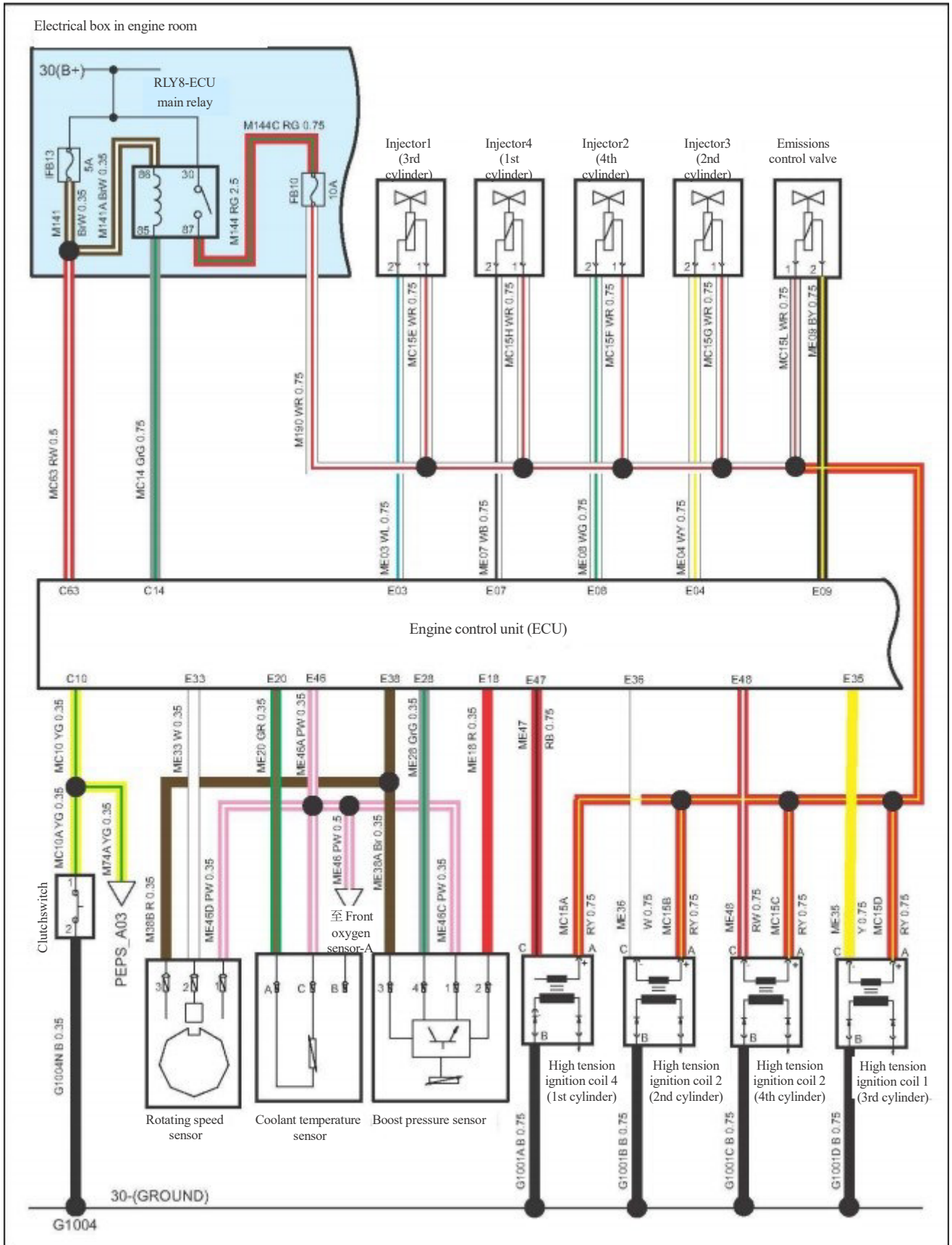
Engine management system (2.0T) _1



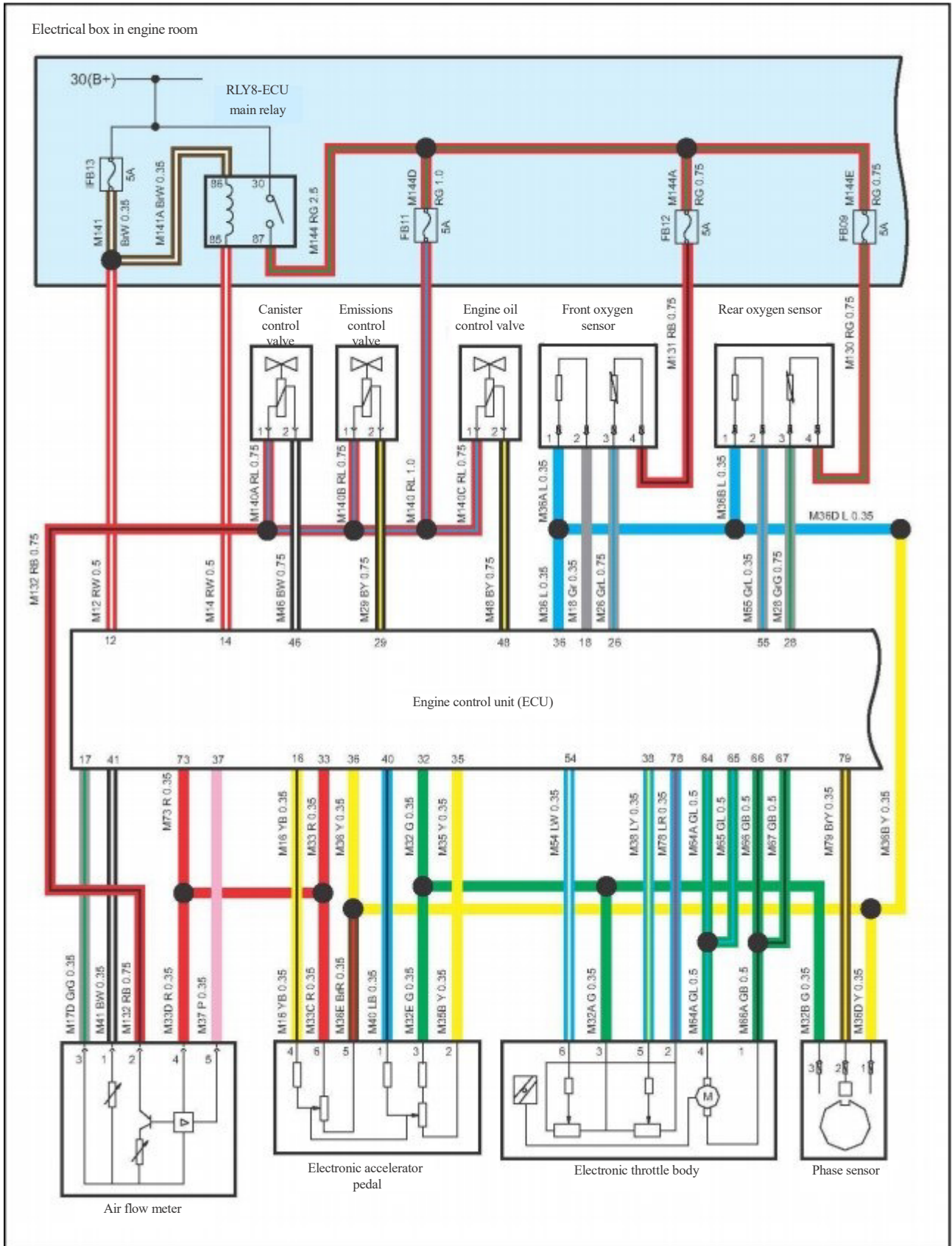
Engine management system (1.5T) _2



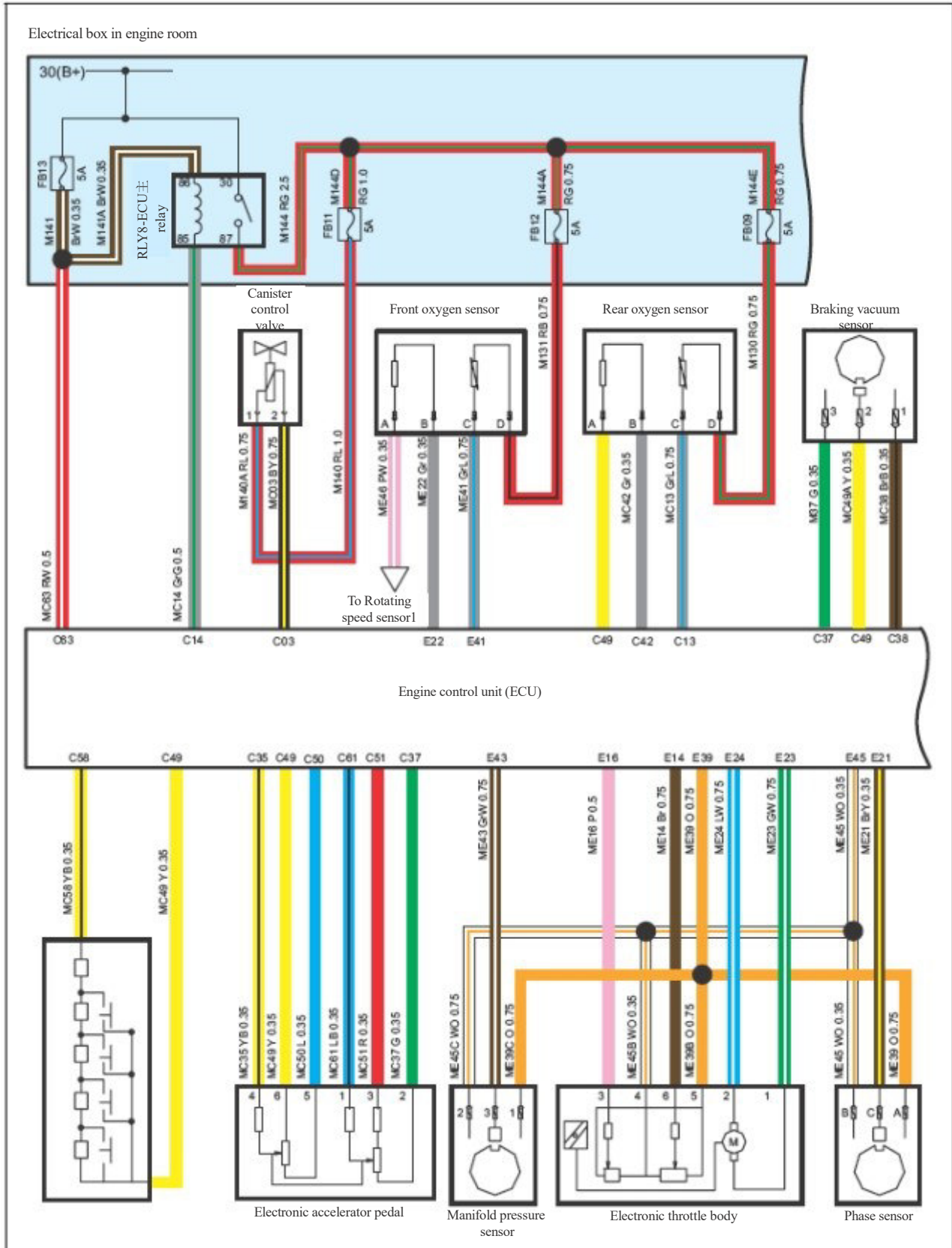
Engine management system (2.0T) _2



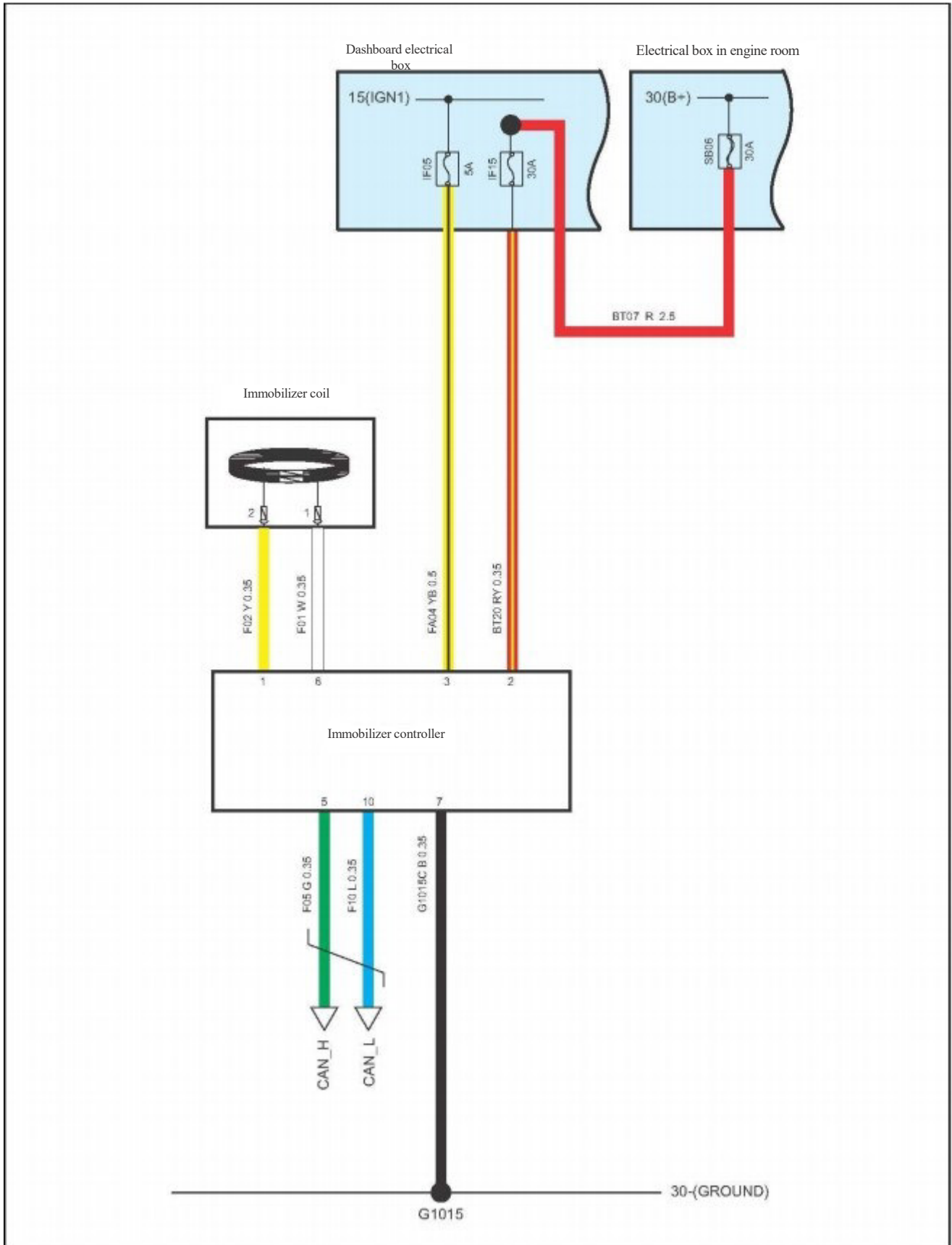
Engine management system (1.5T) _3



Engine management system (2.0T) _3

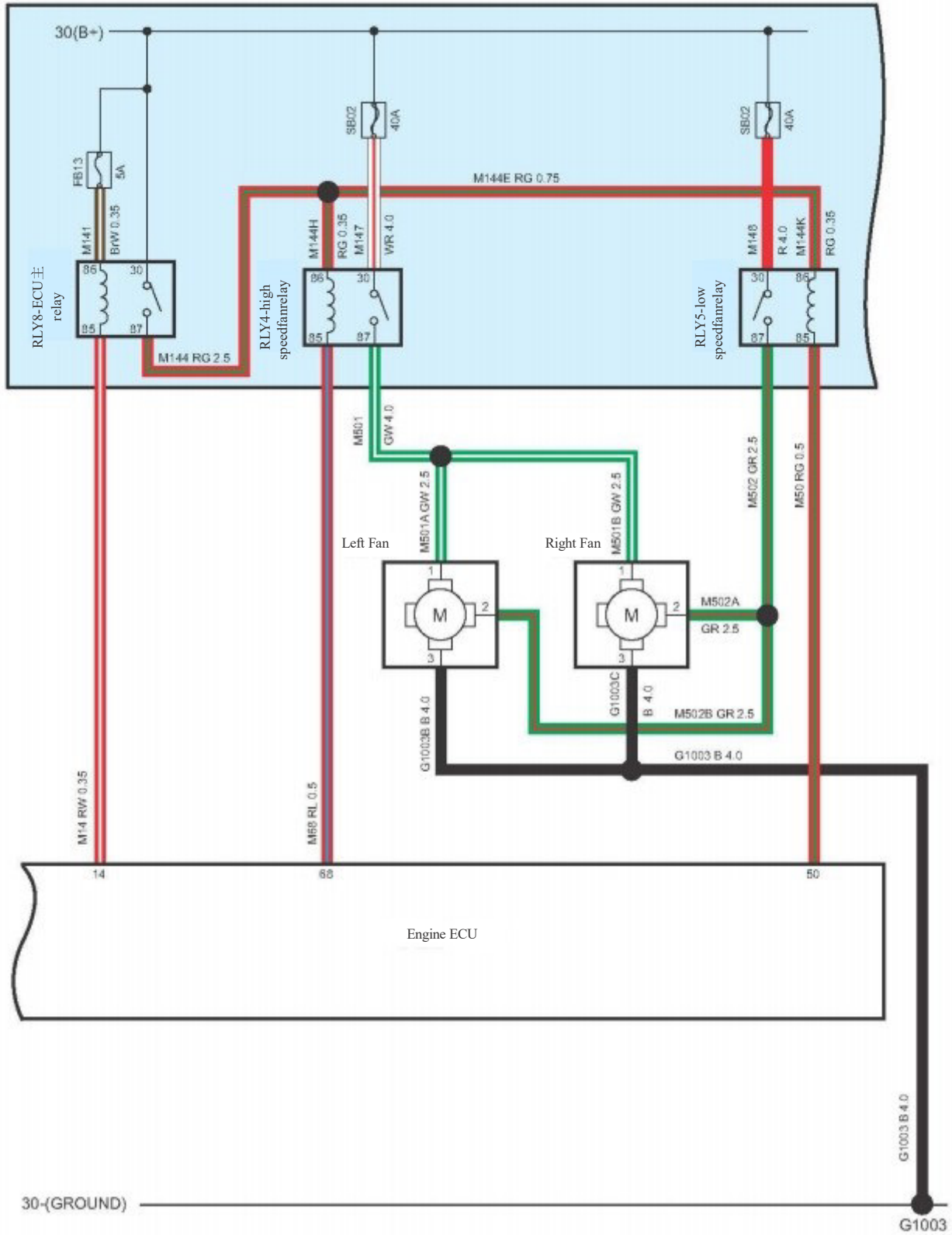


Engine immobilizer system

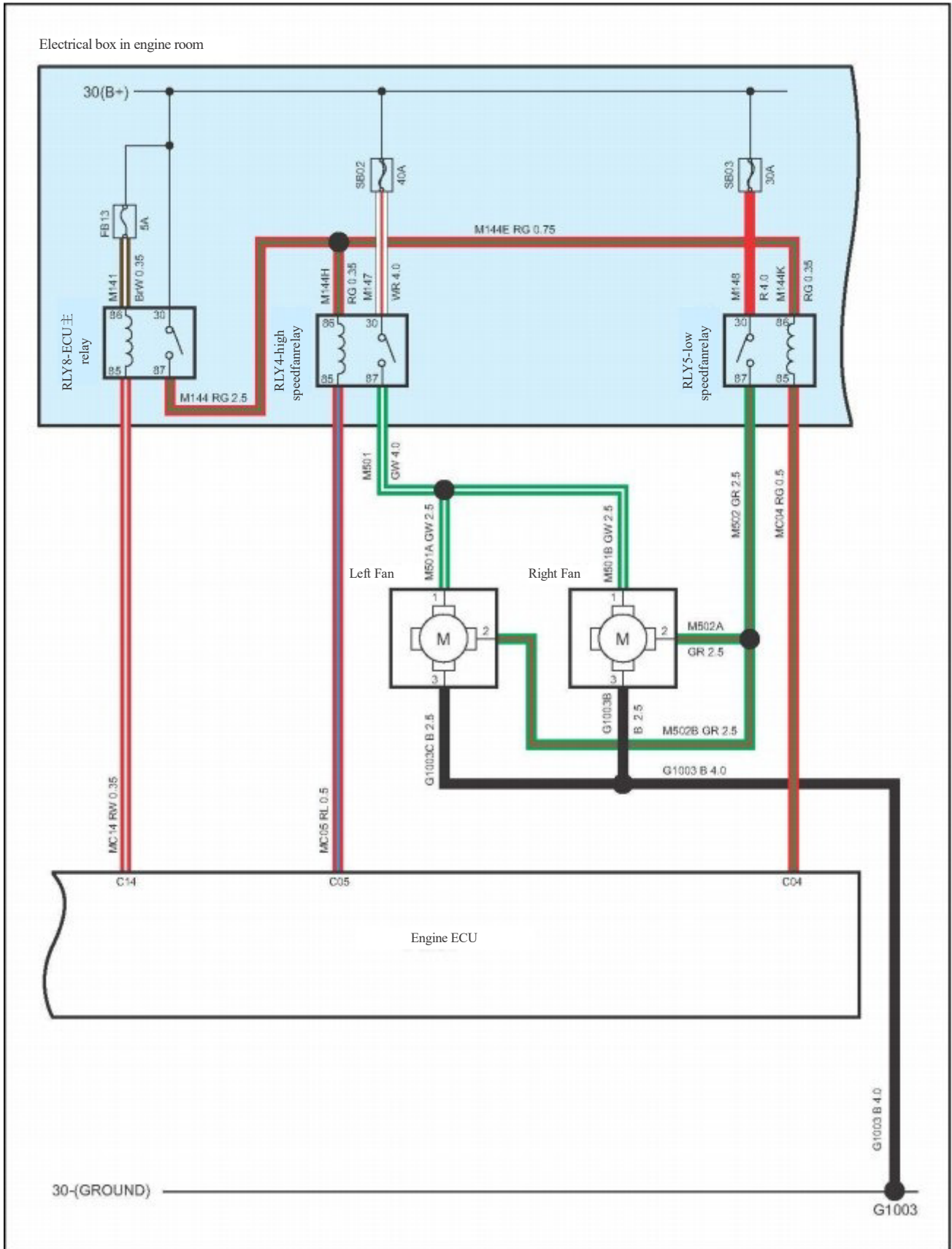


Engine electronic fan

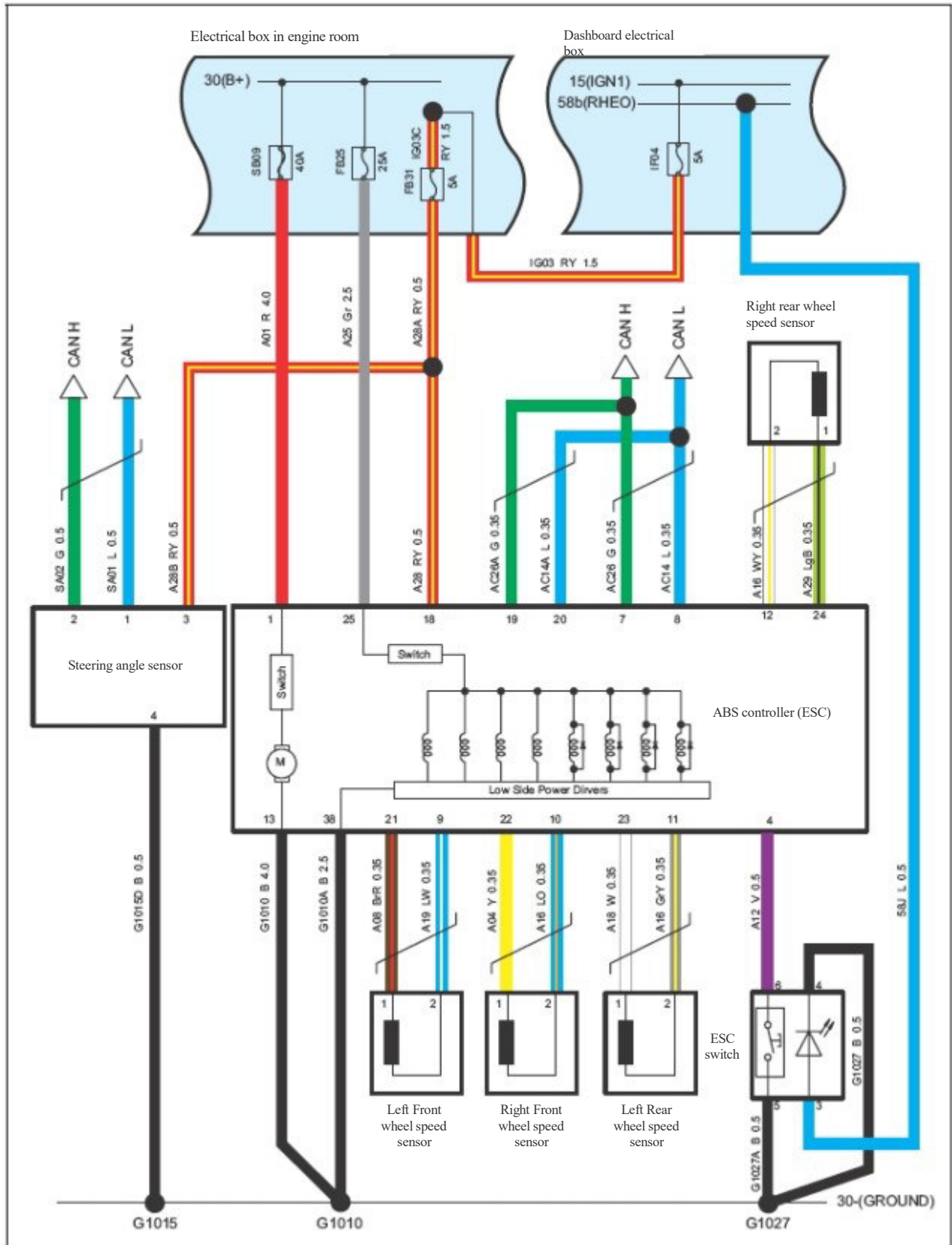
Electrical box in engine room



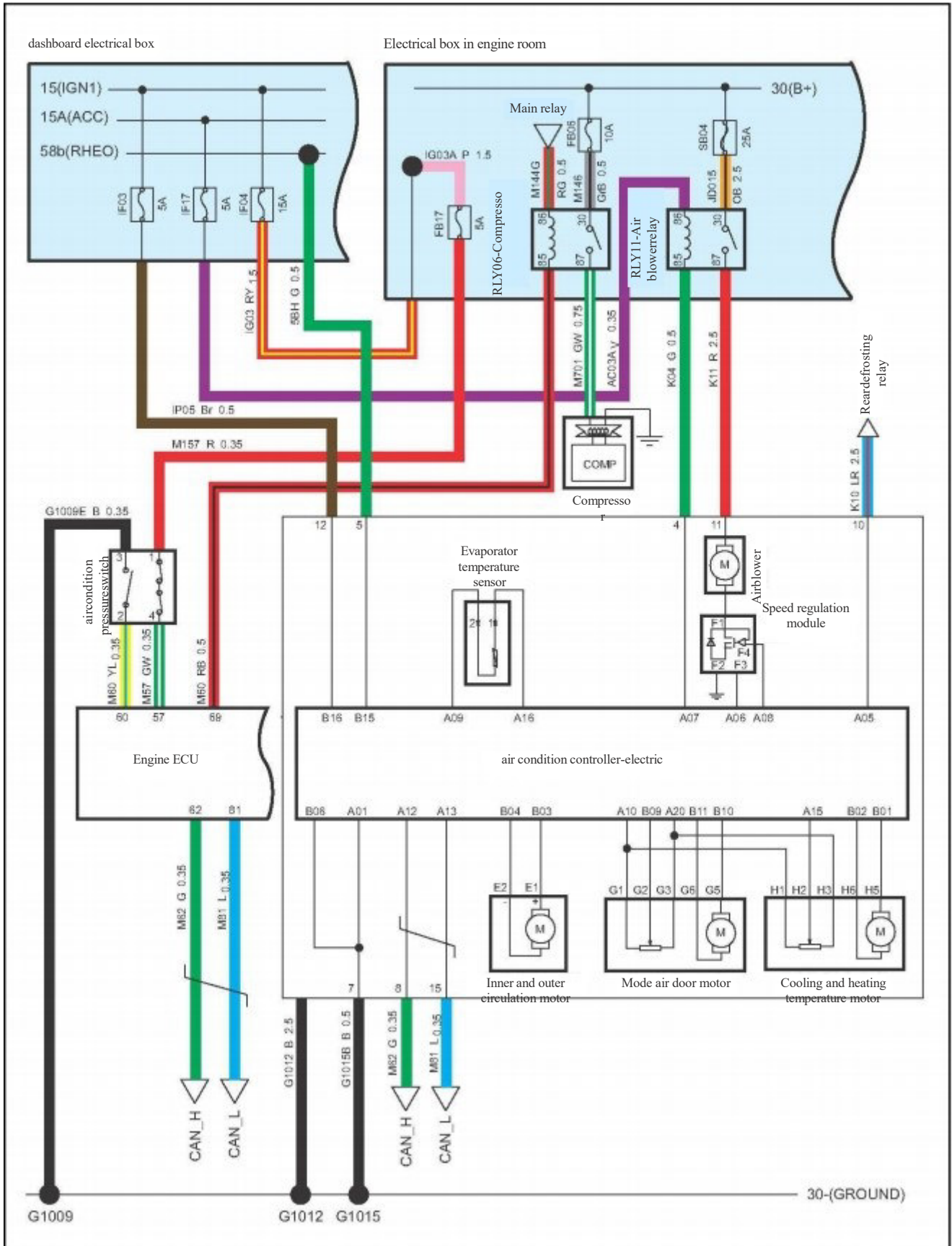
Engine electronic fan -2.0T



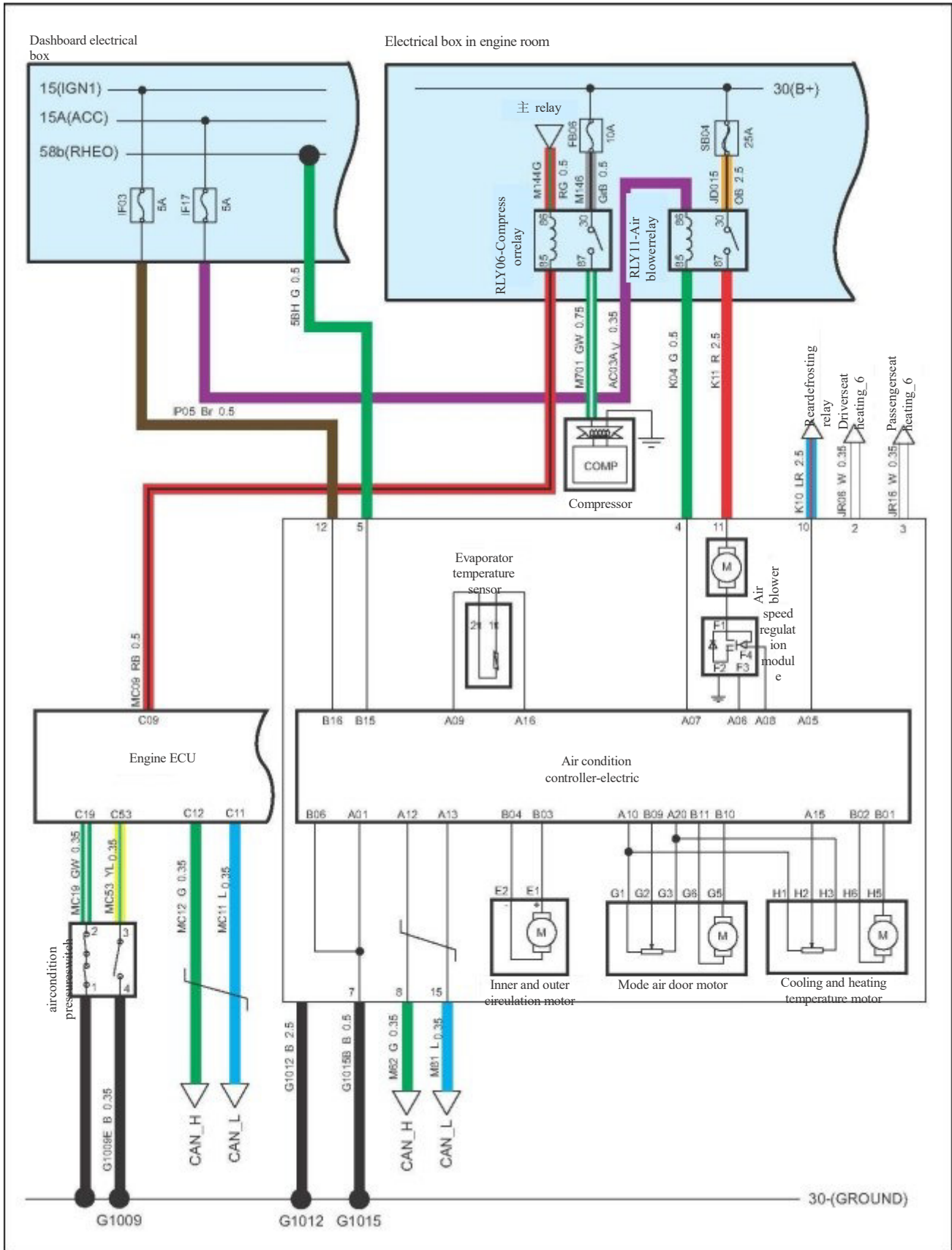
Anti-lock braking system-ABS (ESC)



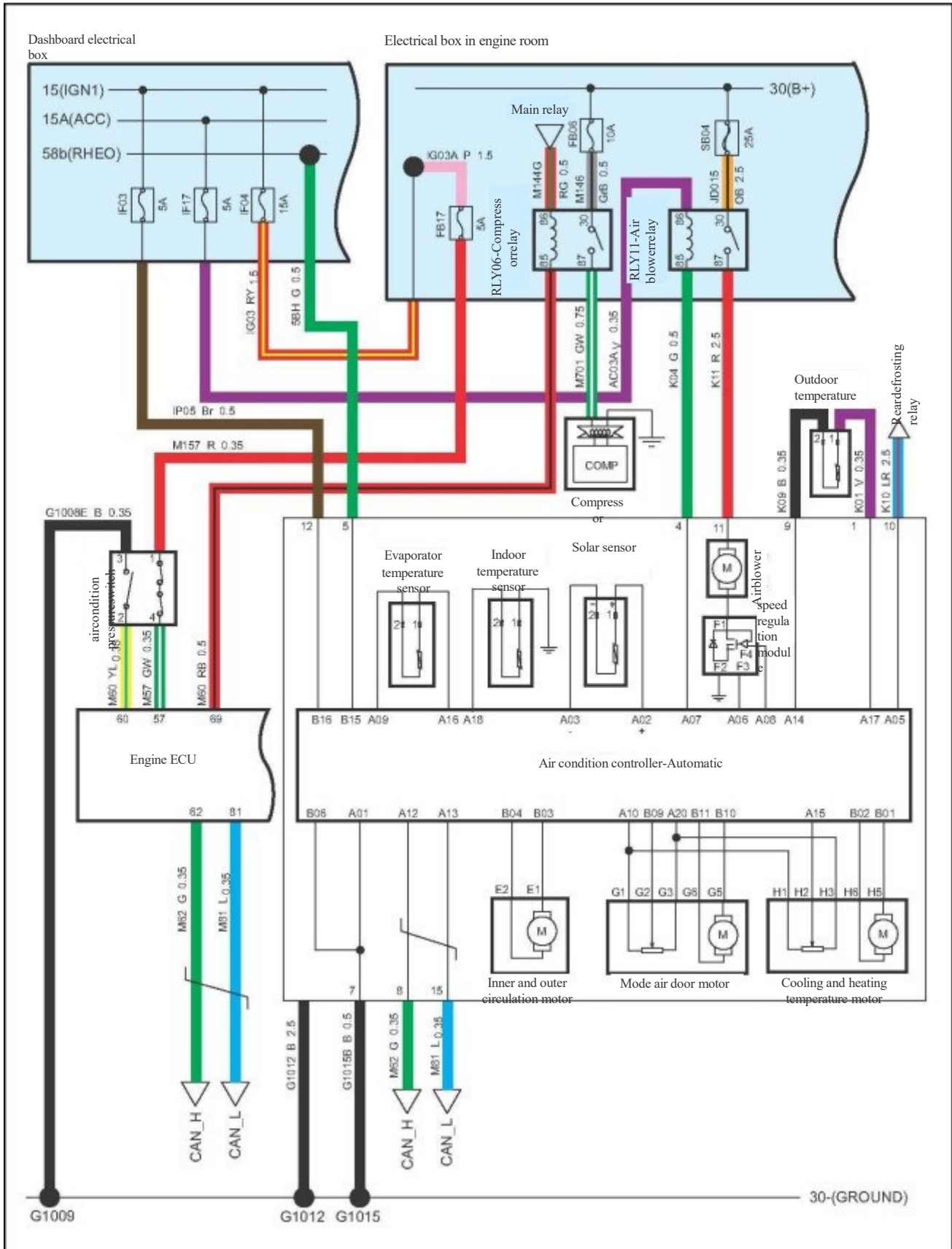
Air conditioning system- Electric



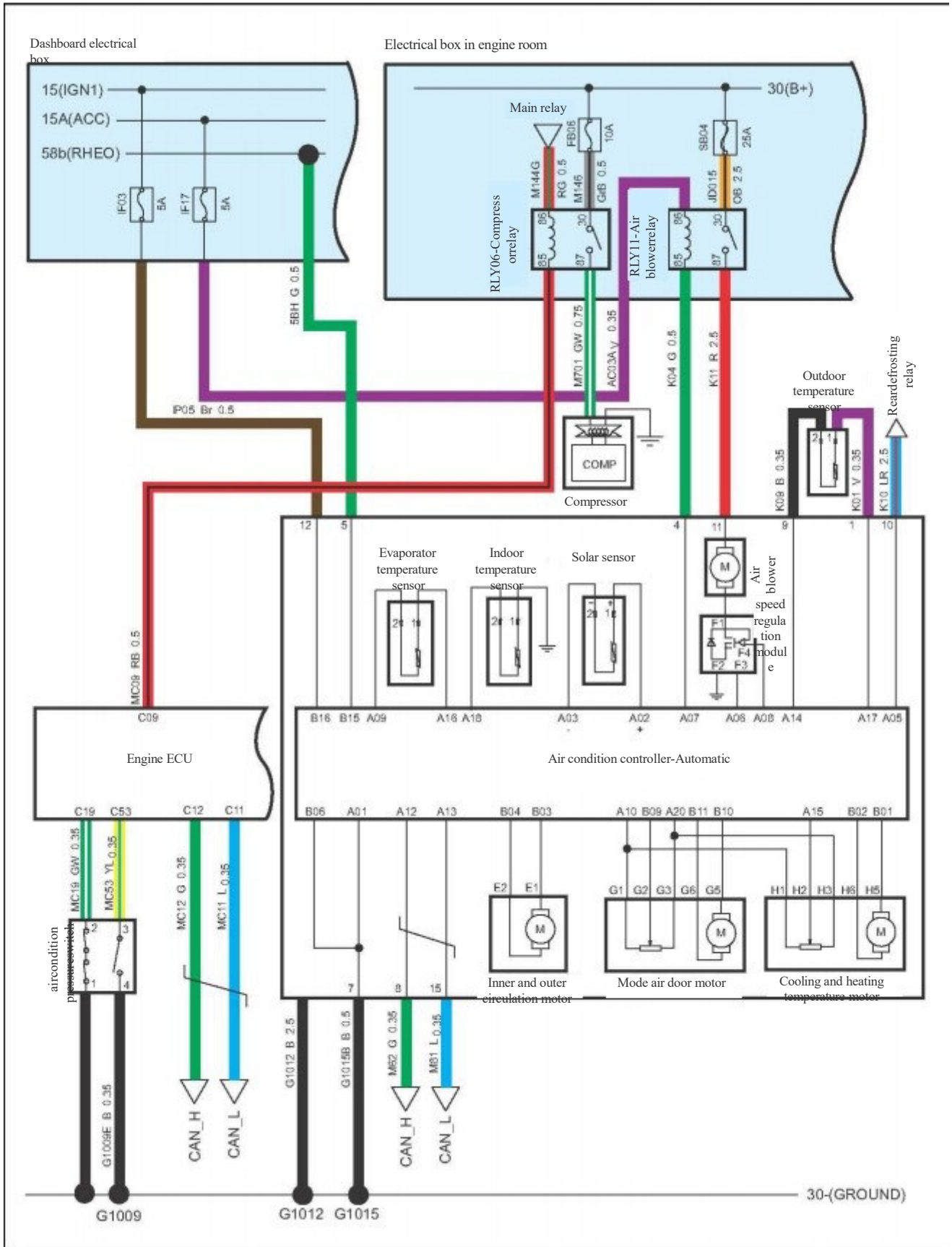
Air conditioning system- Electric-2.0T



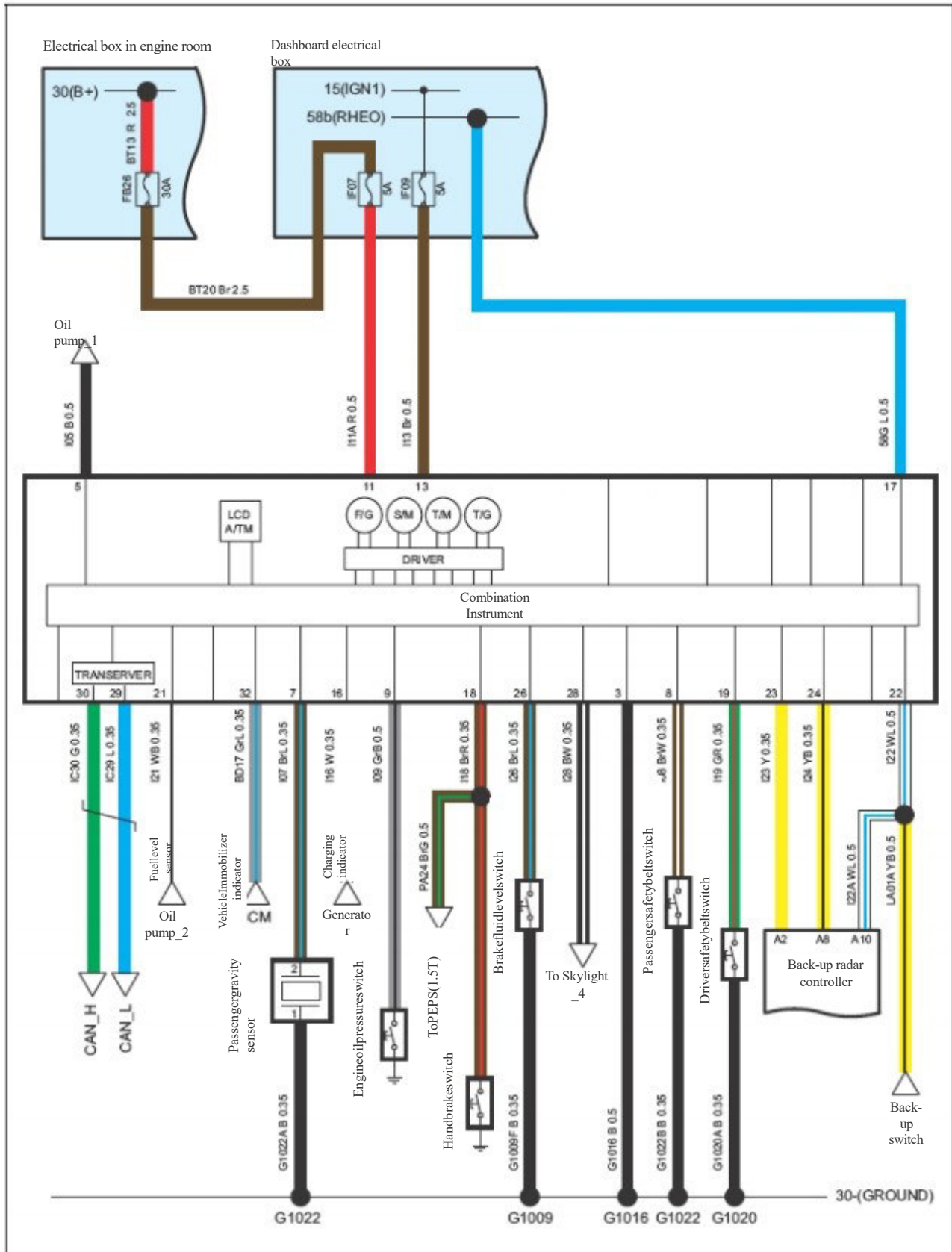
Air conditioning system- Automatic



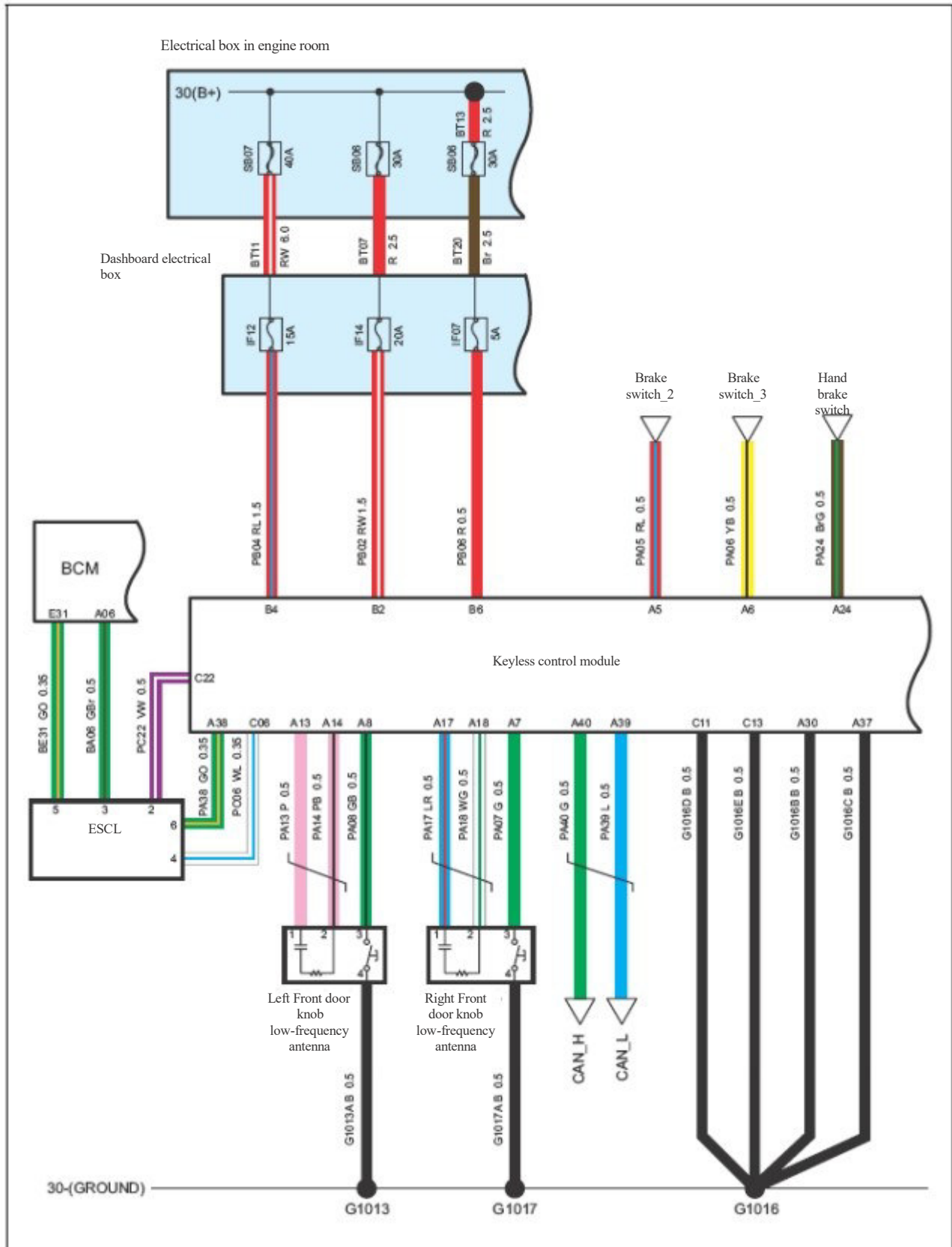
Air conditioning system- Automatic-2.0T



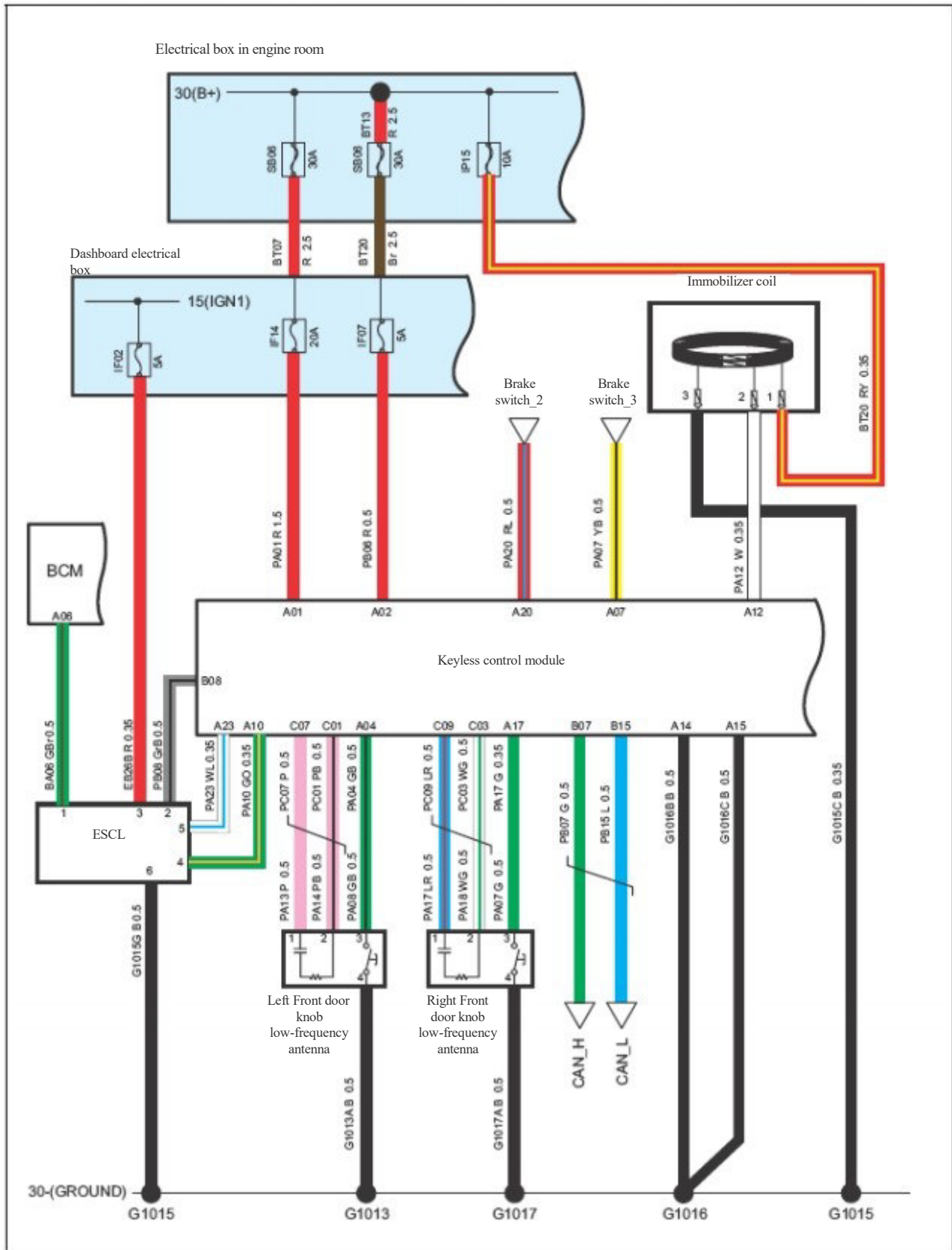
Combination instrument



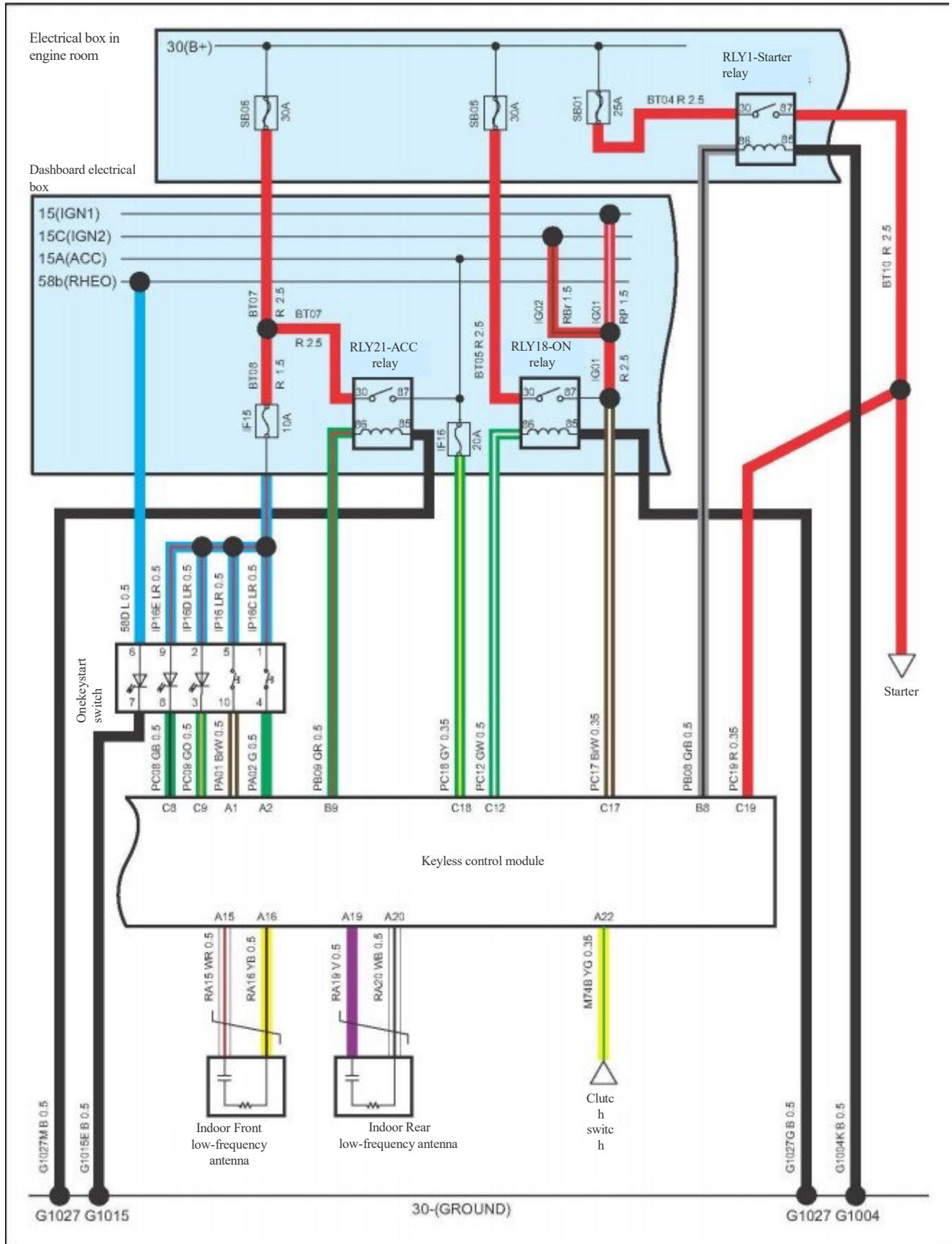
Keyless entry and starting system_1



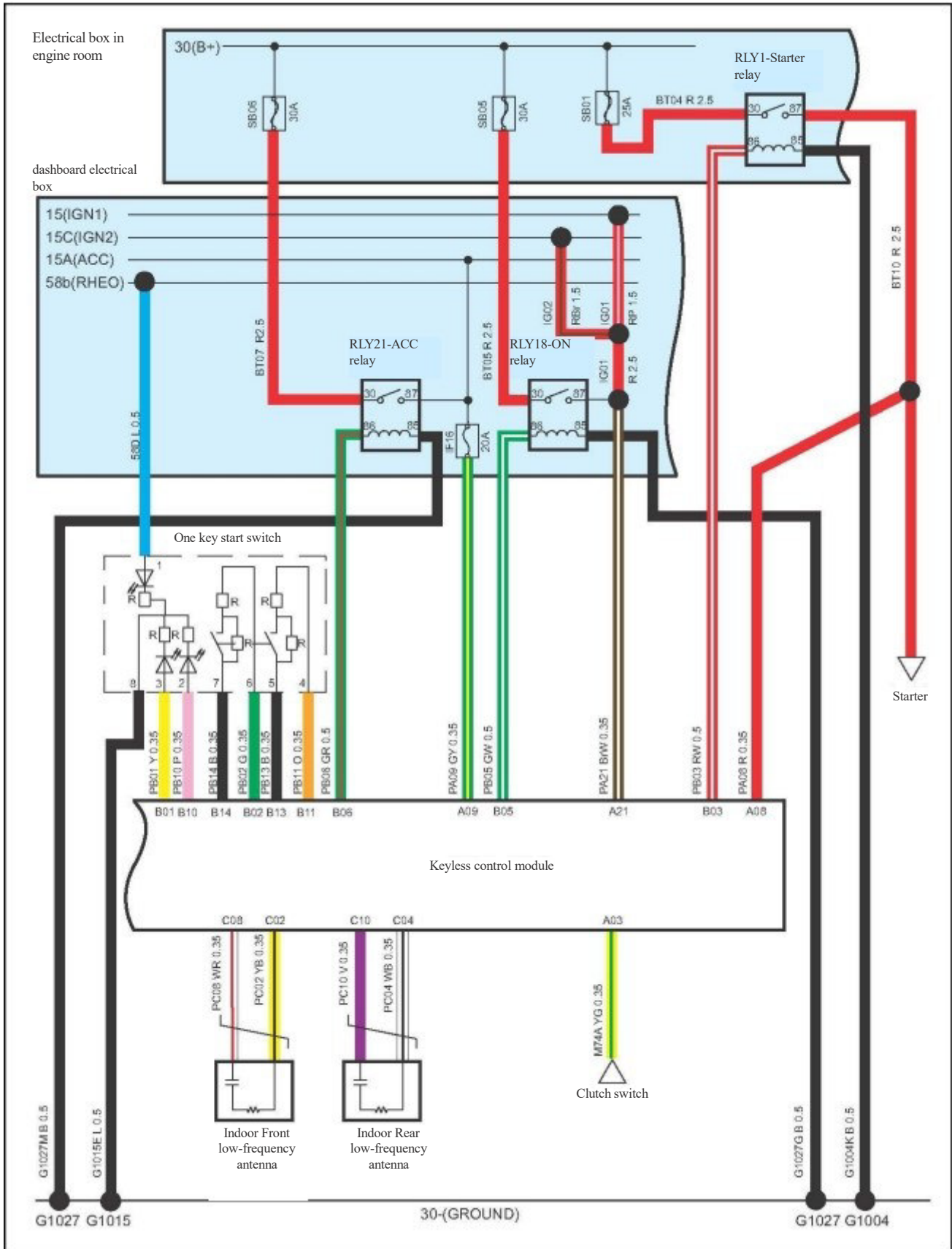
Keyless entry and starting system (2.0T)_1



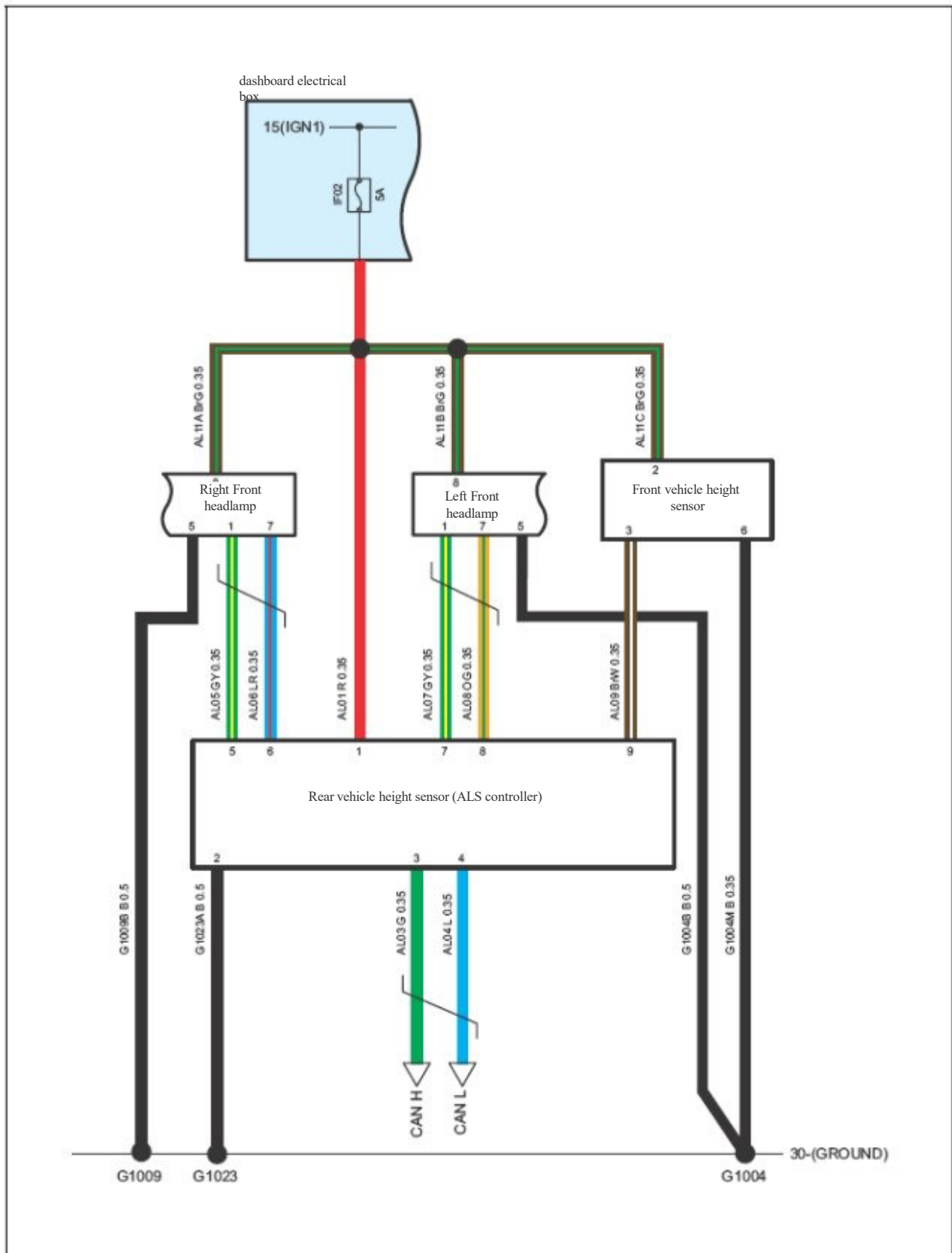
Keyless entry and starting system_2



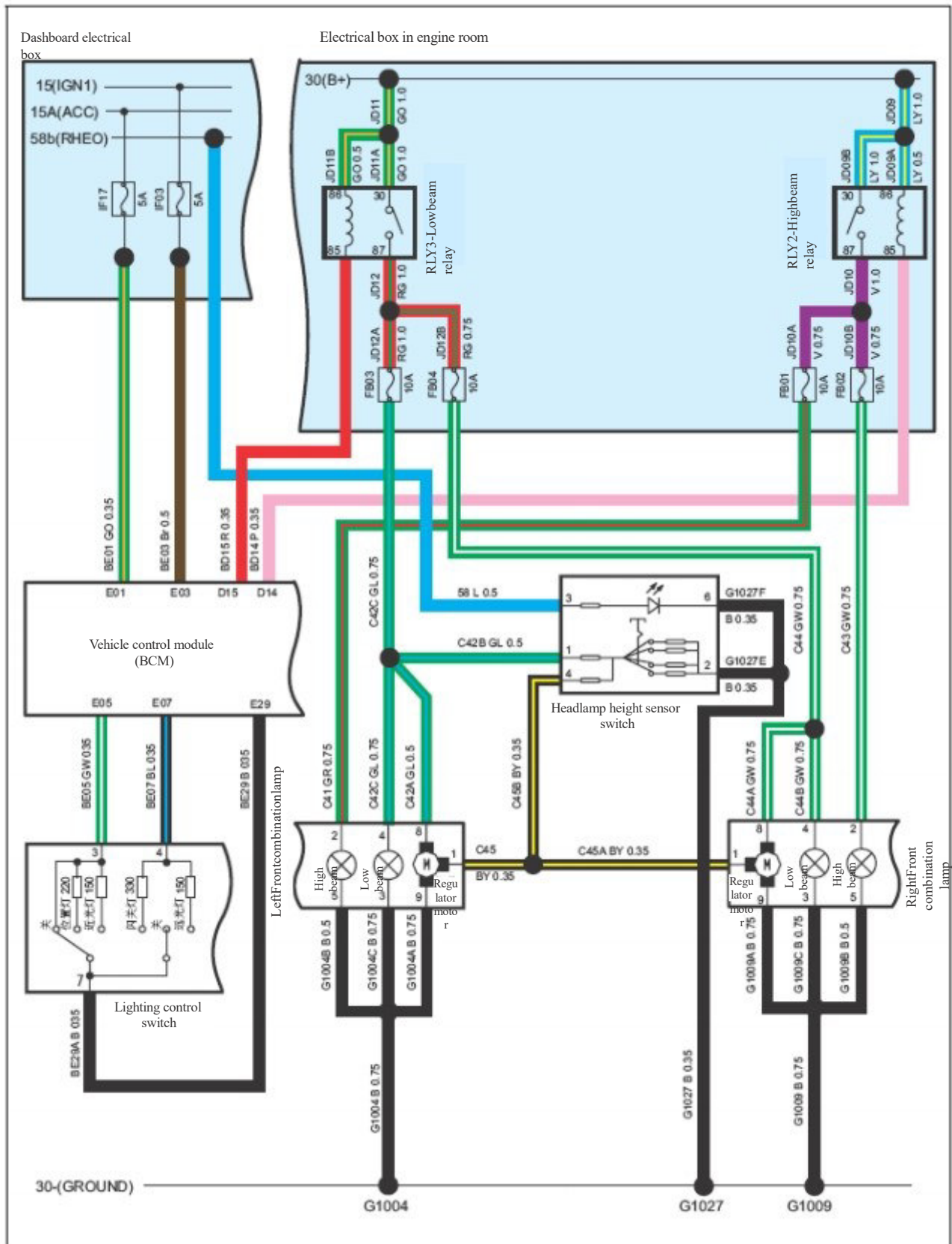
Keyless entry and starting system (2.0T) _2



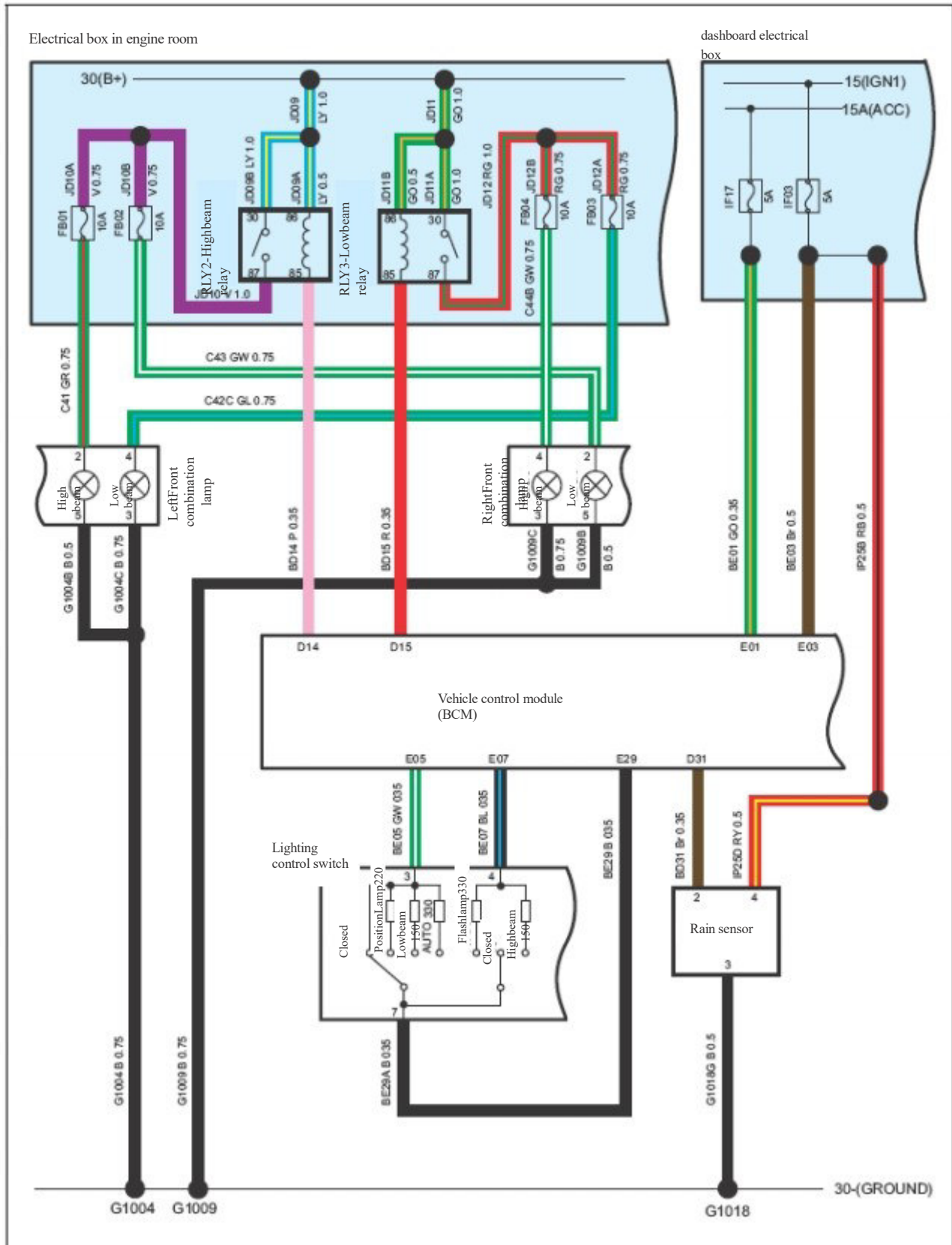
Automatic headlamp height regulation system-ALS



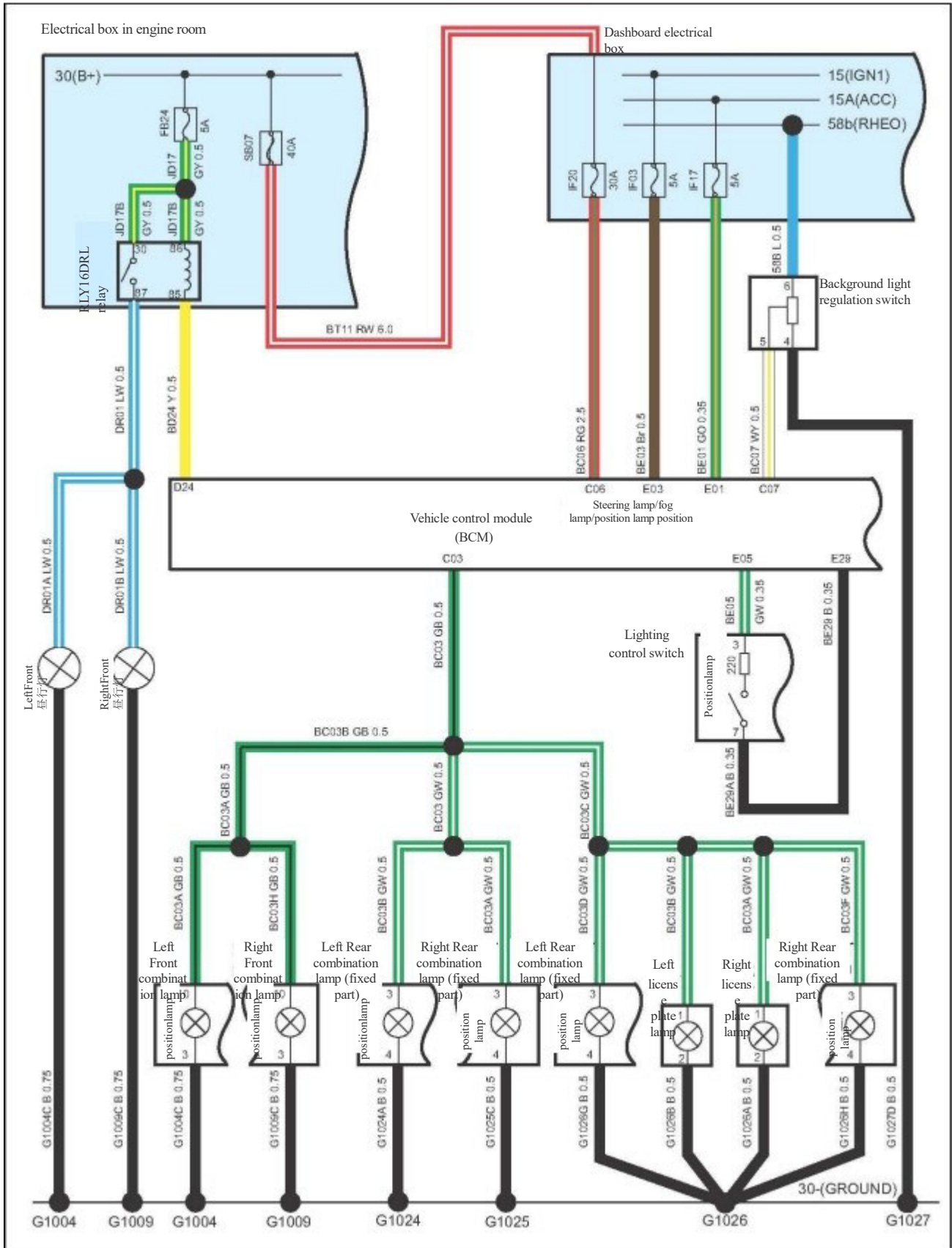
Headlamp-halogen



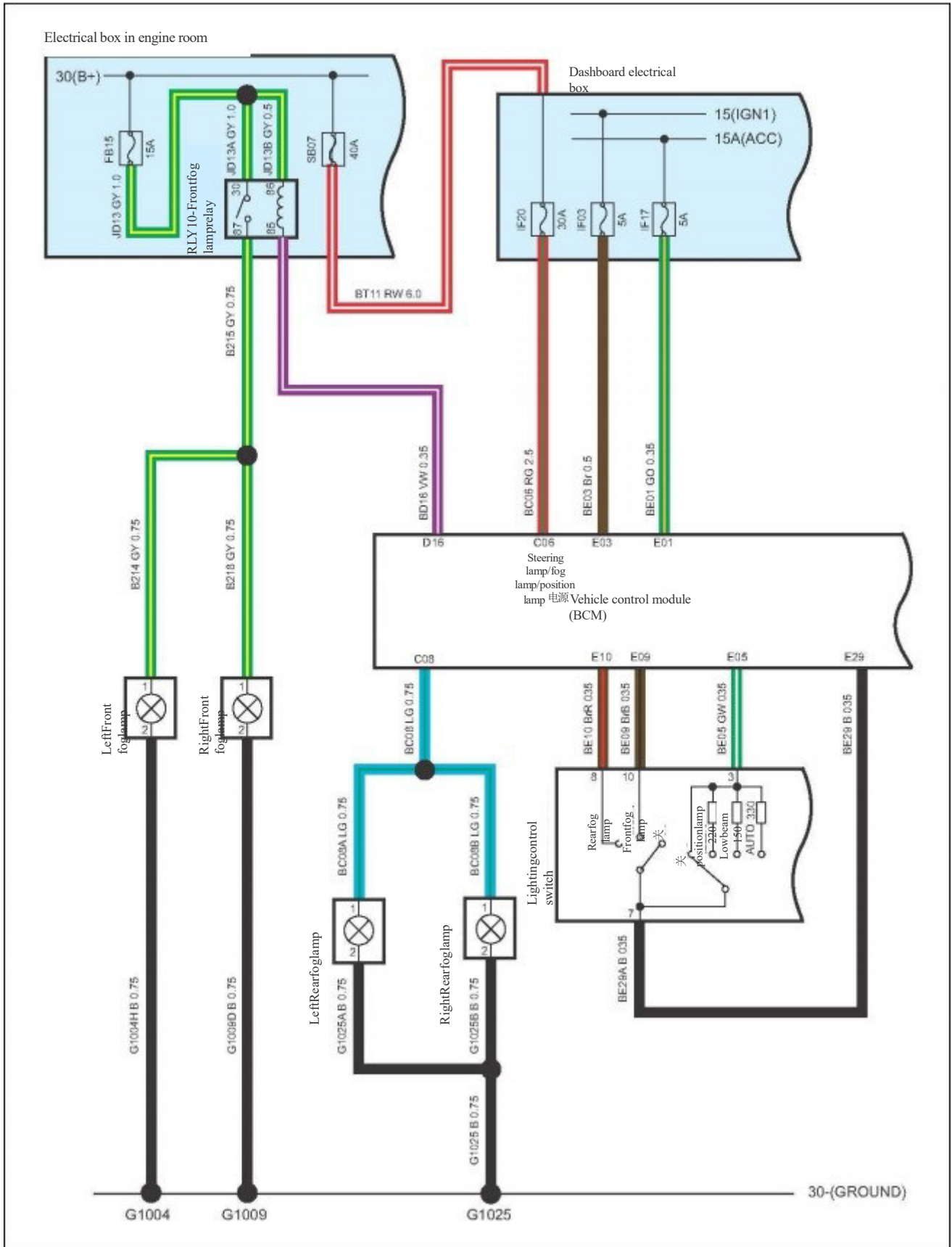
Headlamp-Xenon



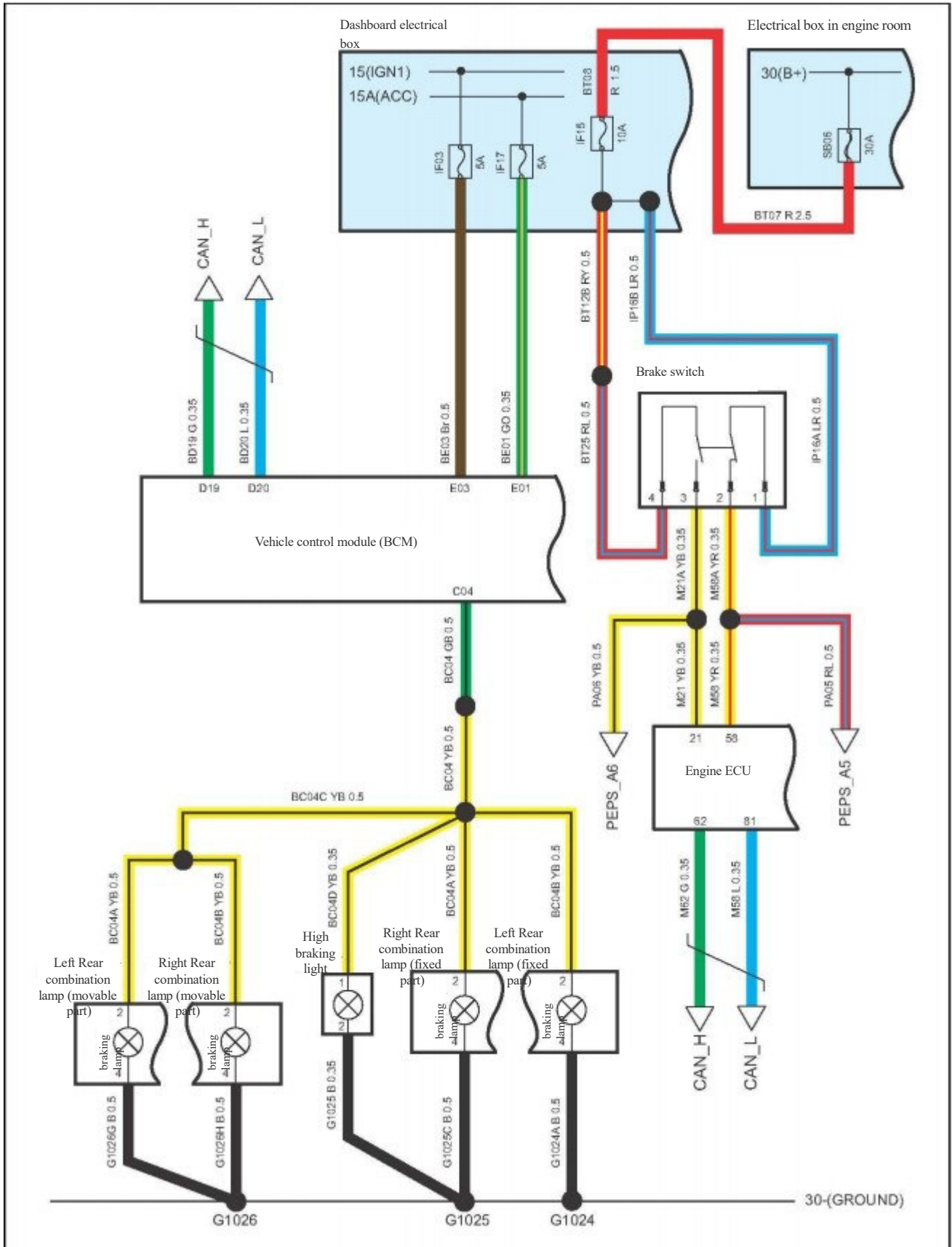
Position lamp, license plate lamp, backlight



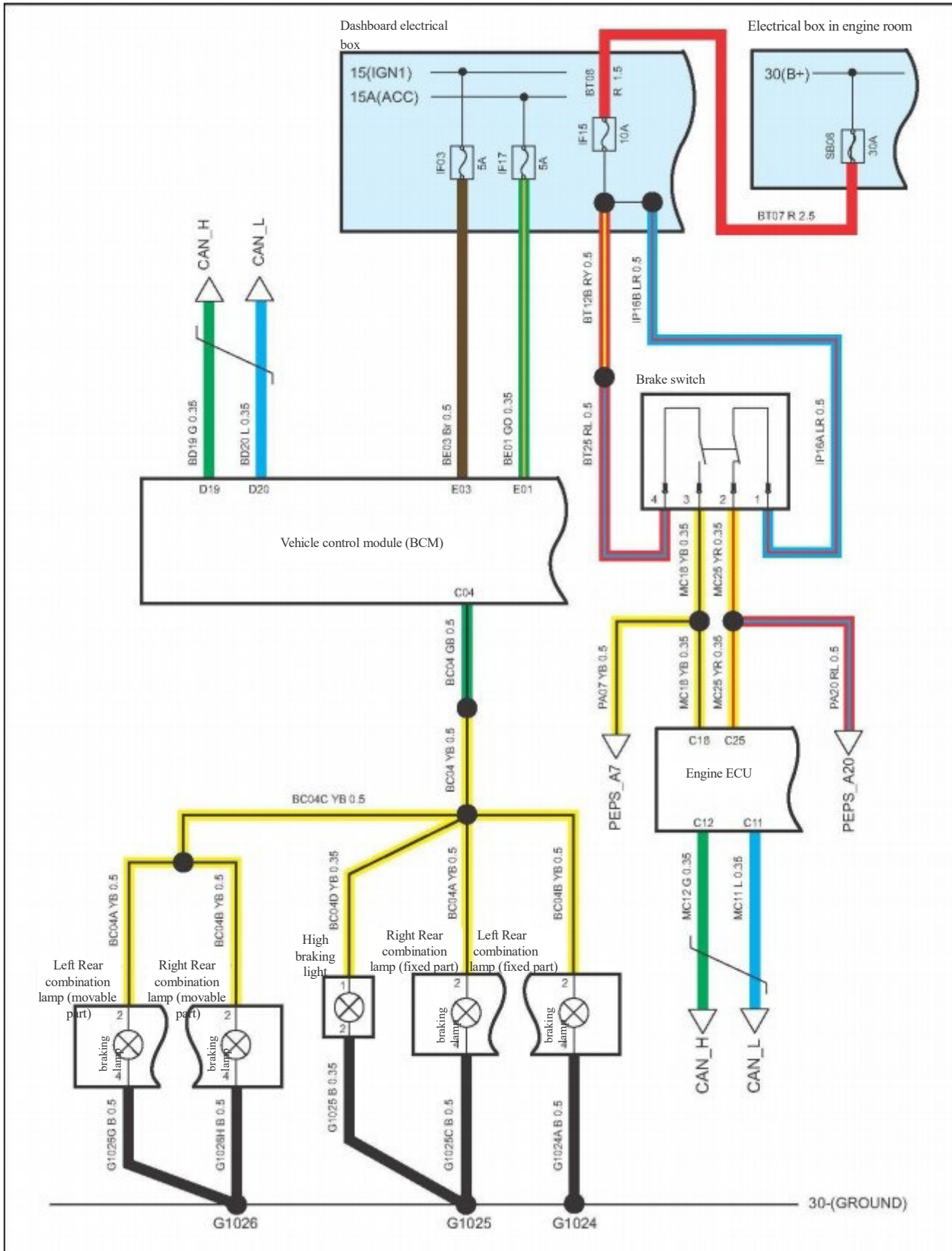
Fog lamp



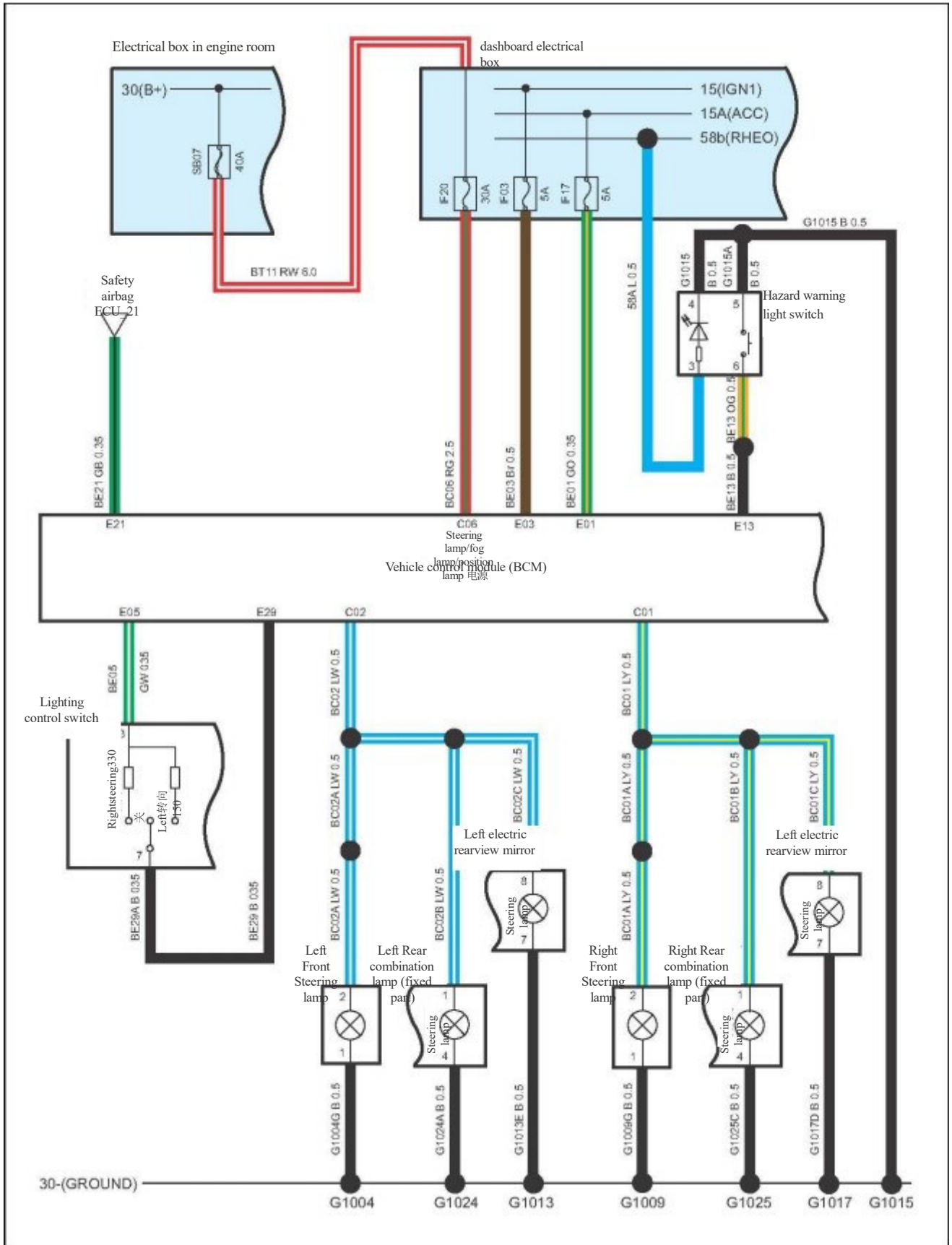
Brake switch and brake lamp



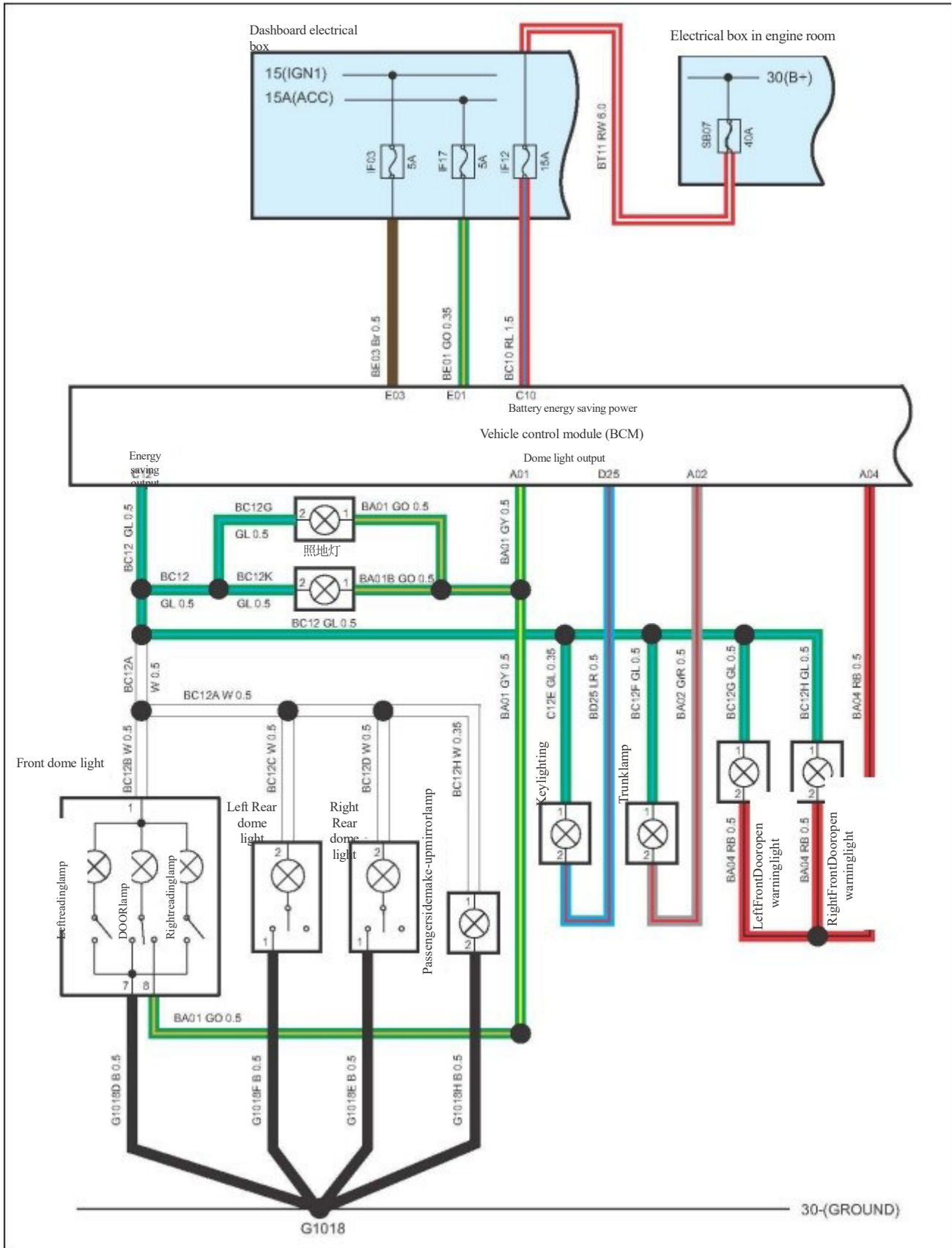
Brake switch and brake lamp-2.0T



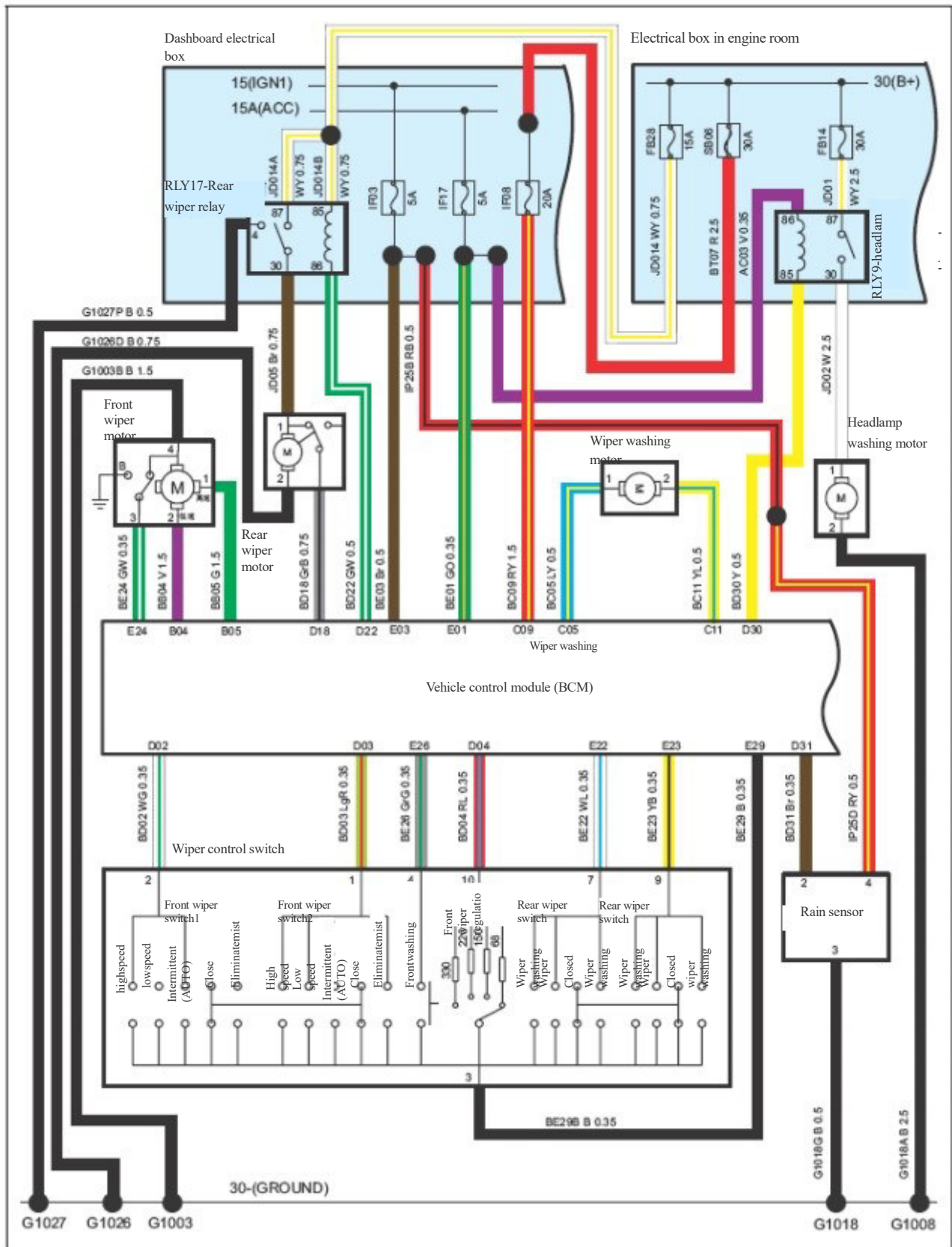
Steering lamp and hazard warning light



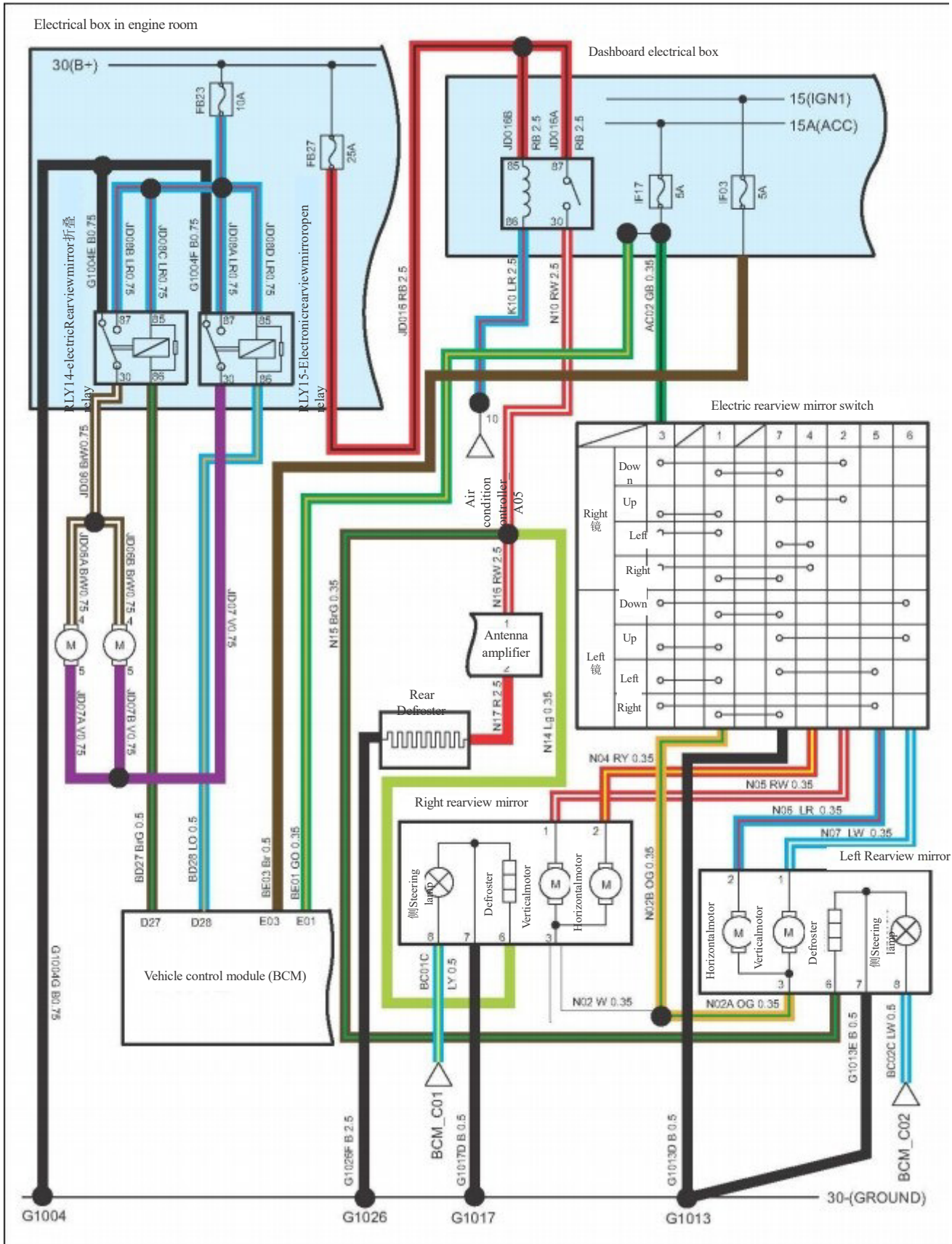
Indoor Lighting



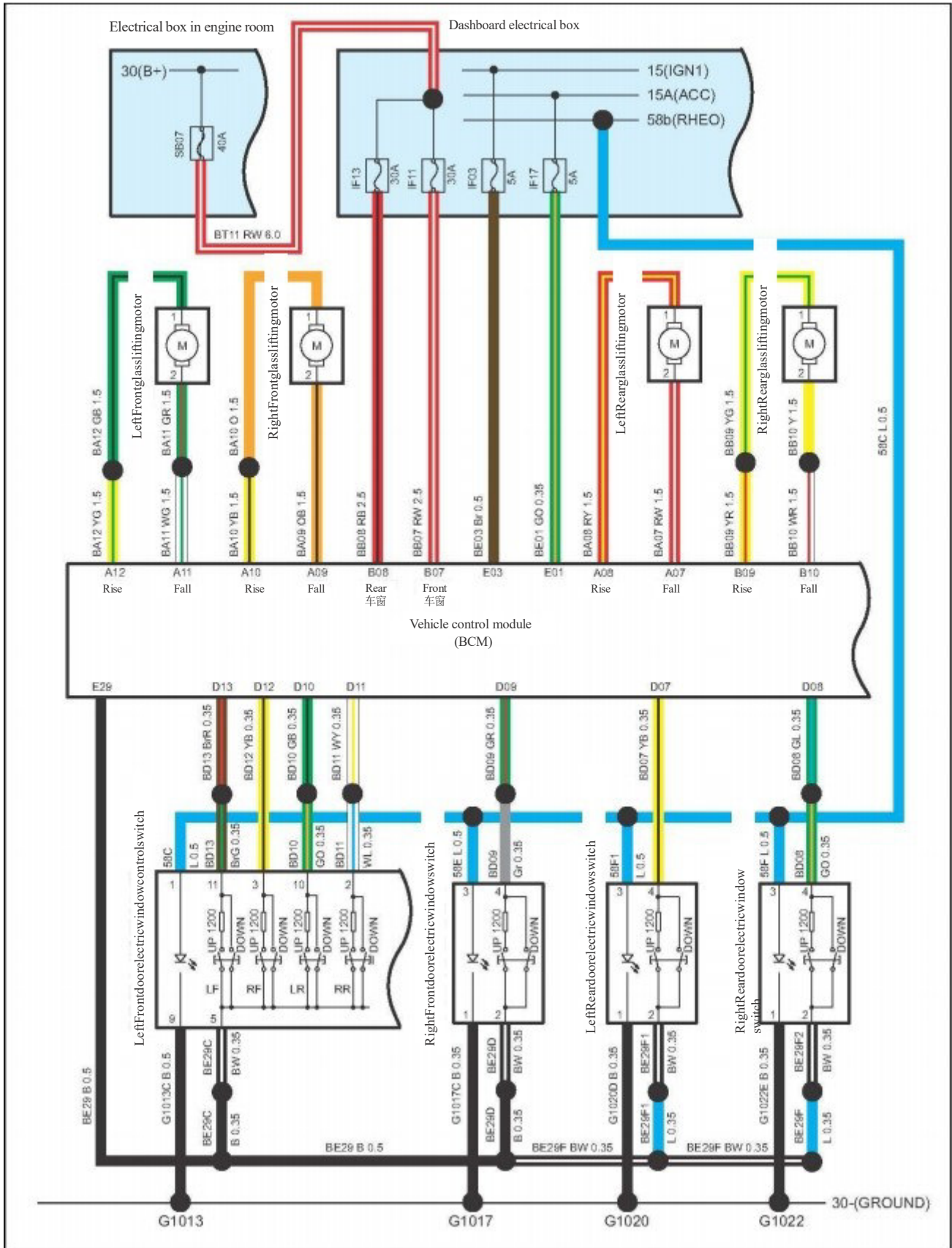
Wiper and scrubber



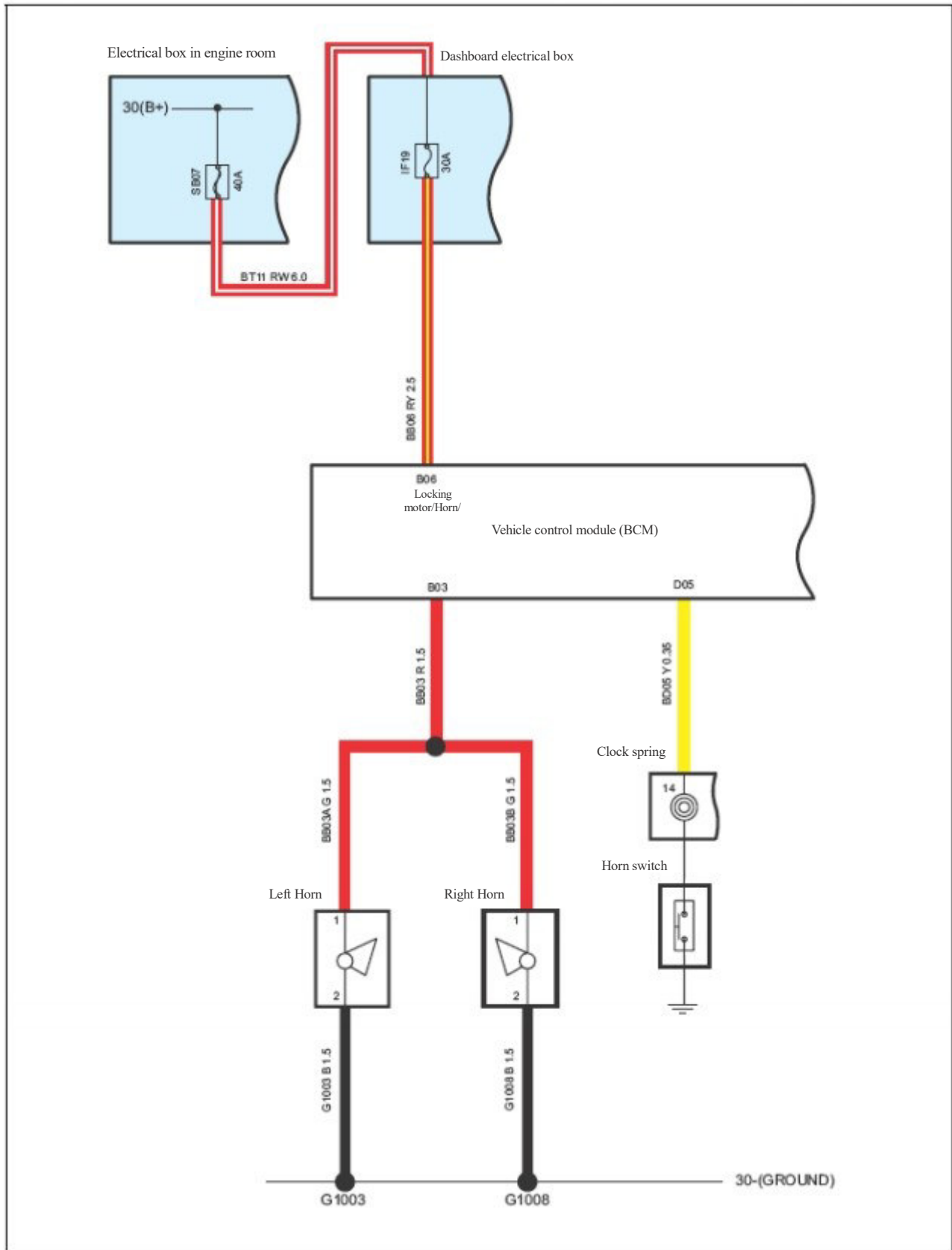
Electric folding rearview mirror and defrosting



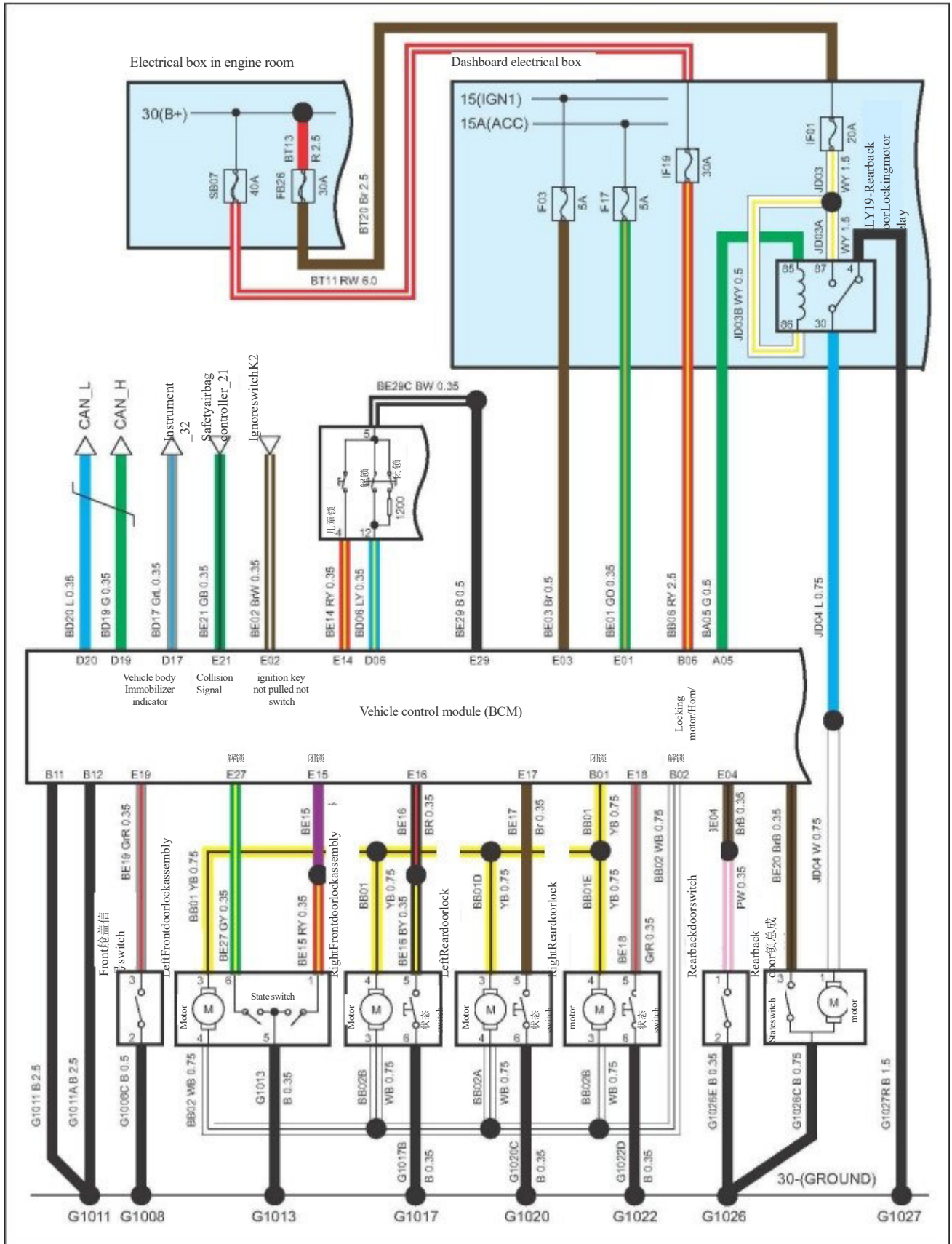
Electric window



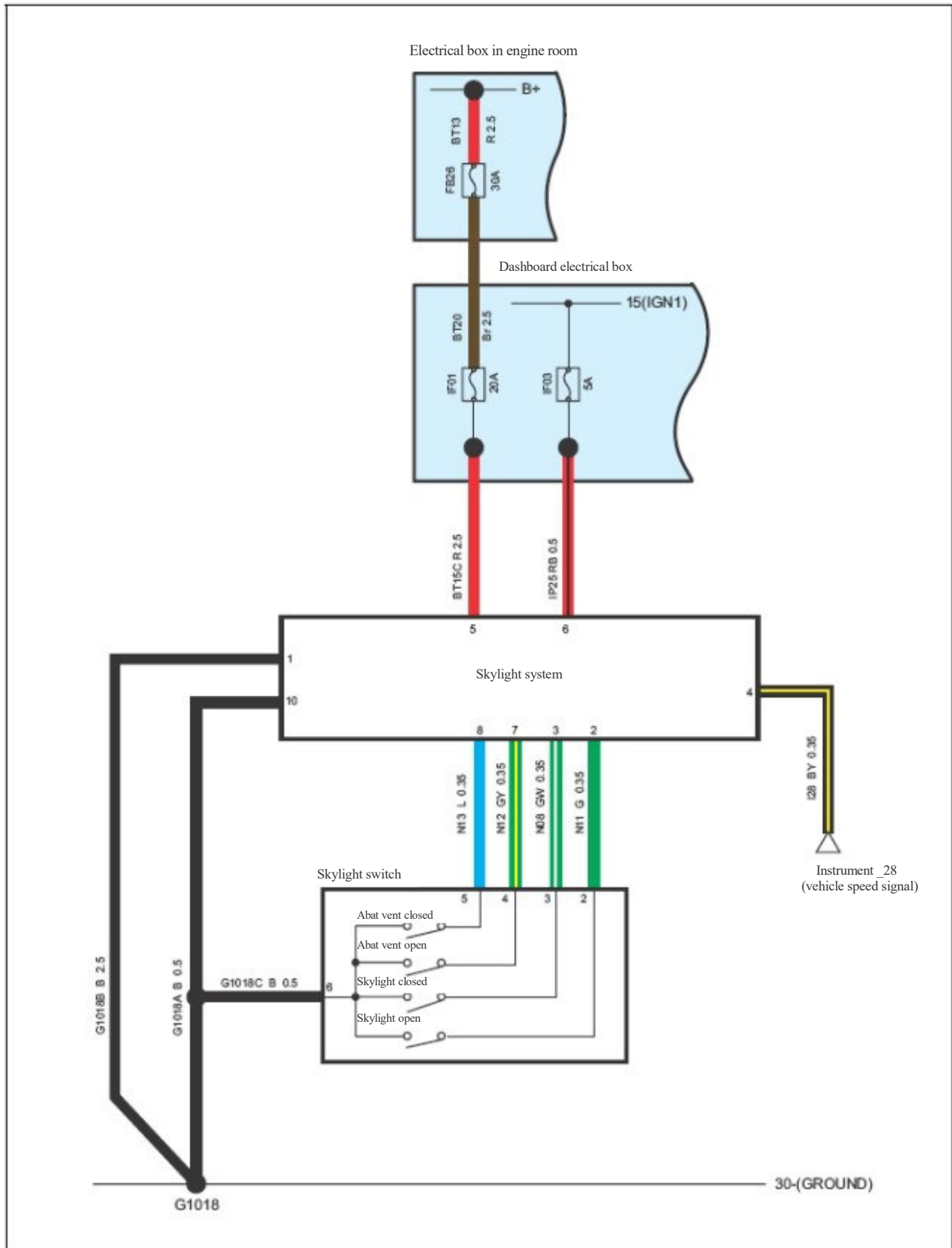
Running horn



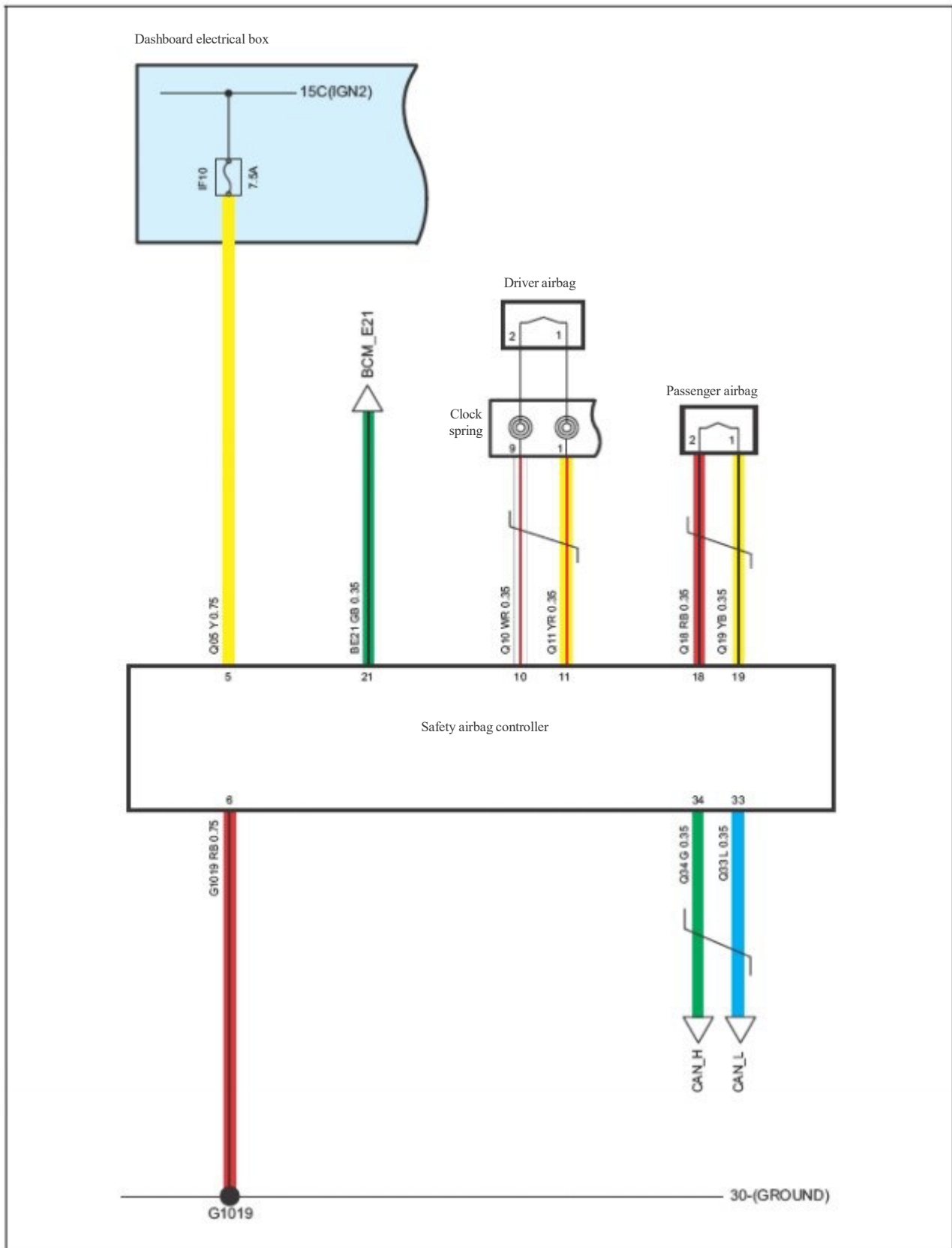
Vehicle safety and center control lock



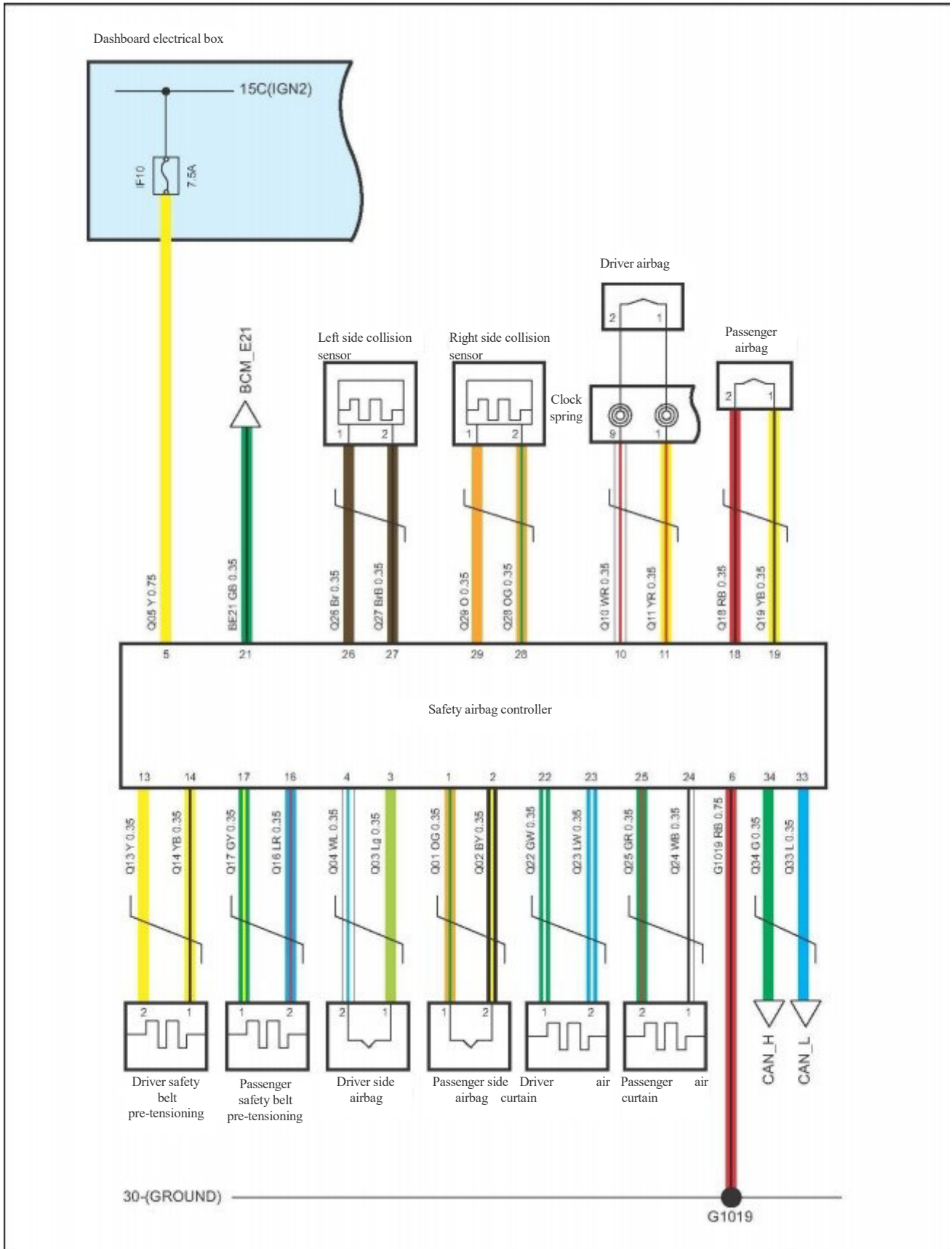
Skylight



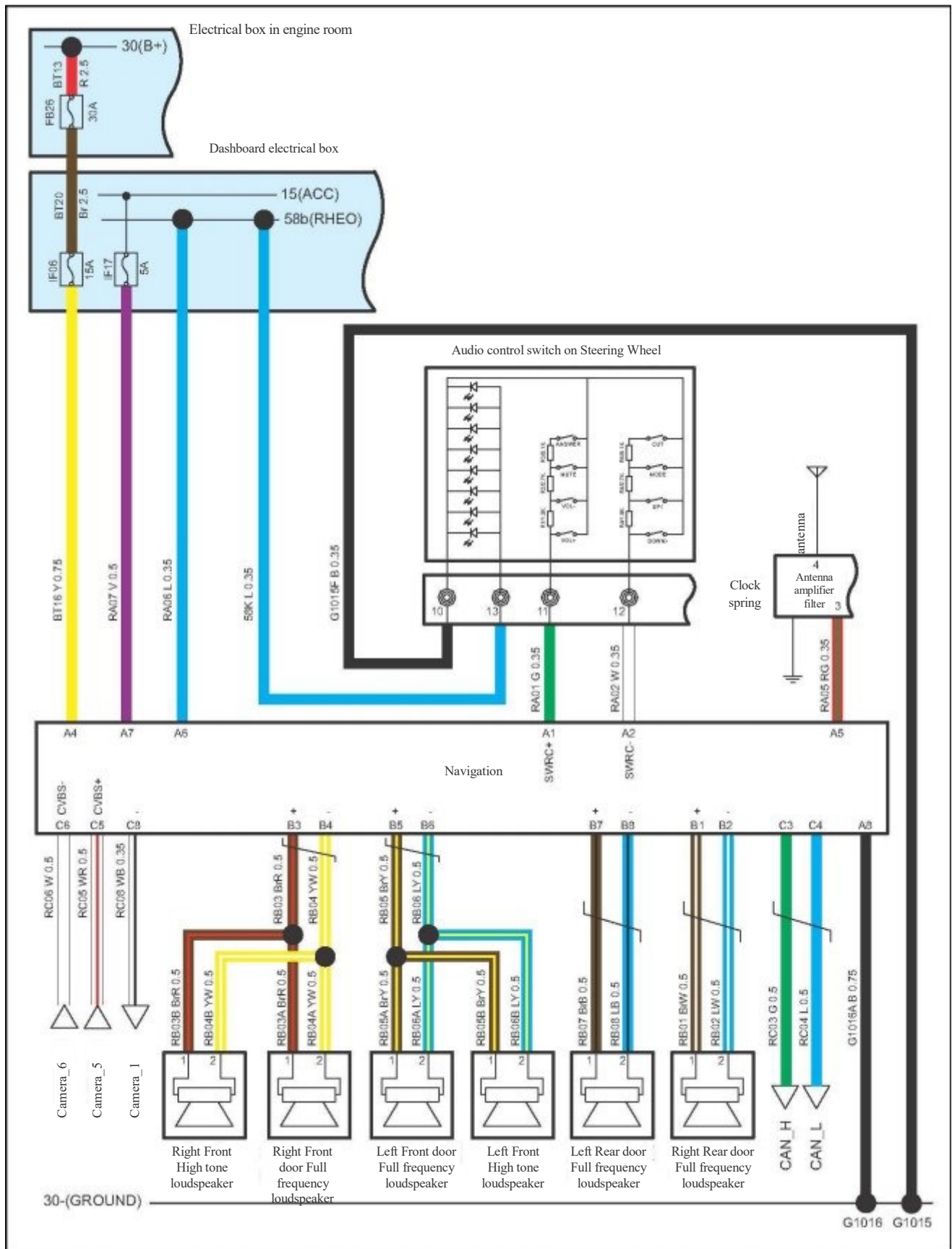
Airbag system-2 channels



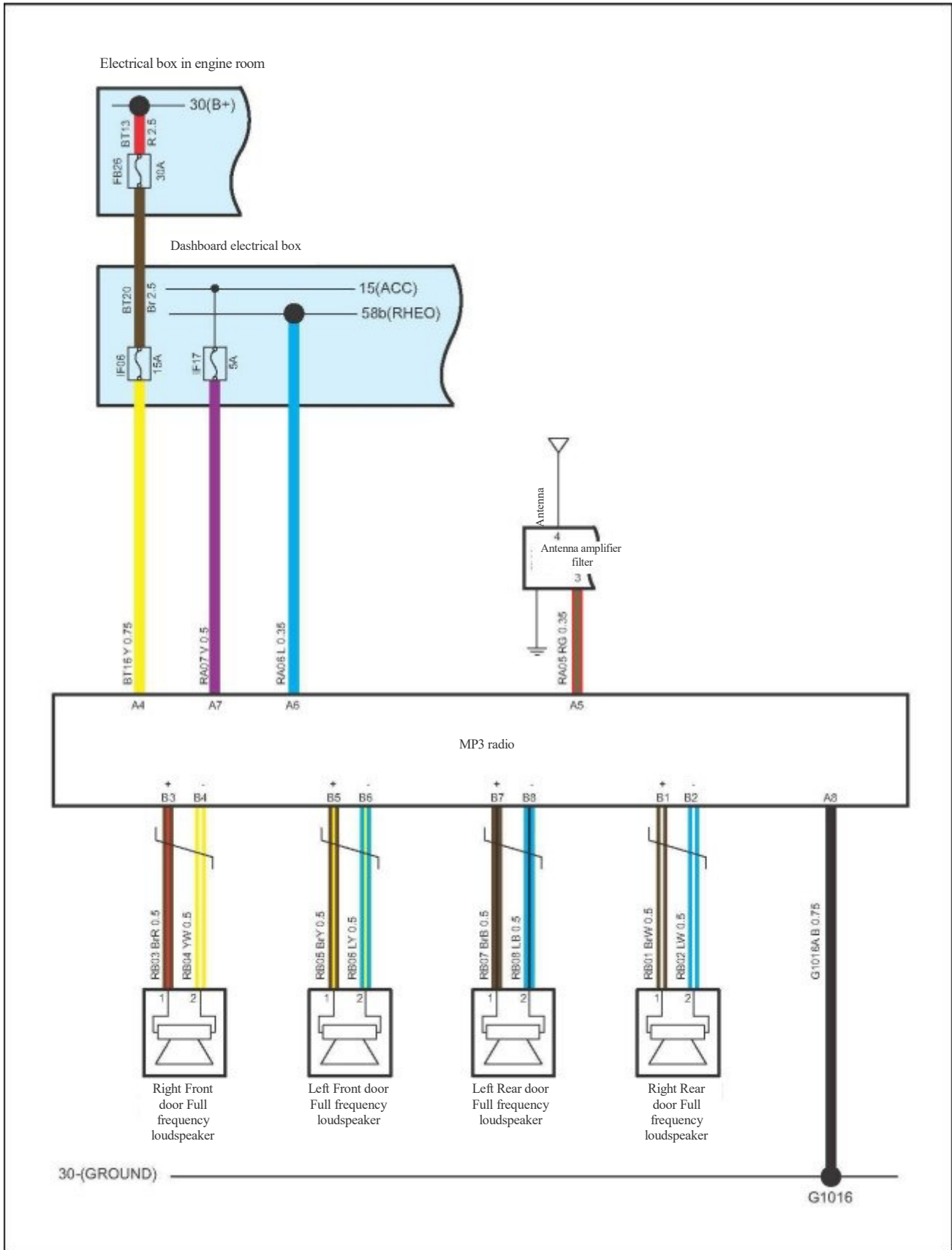
Airbag system-8 channels



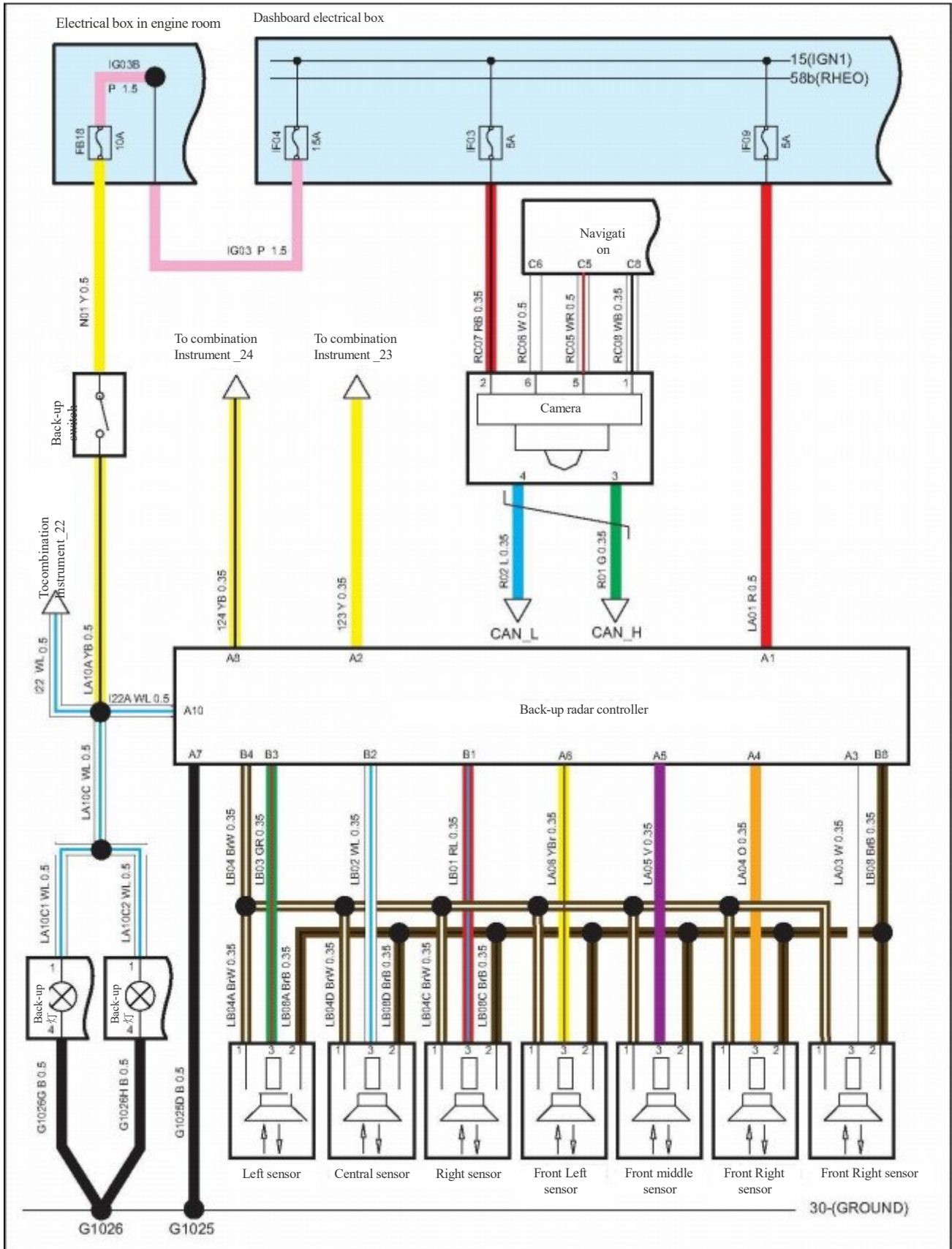
Audio system-Navigation



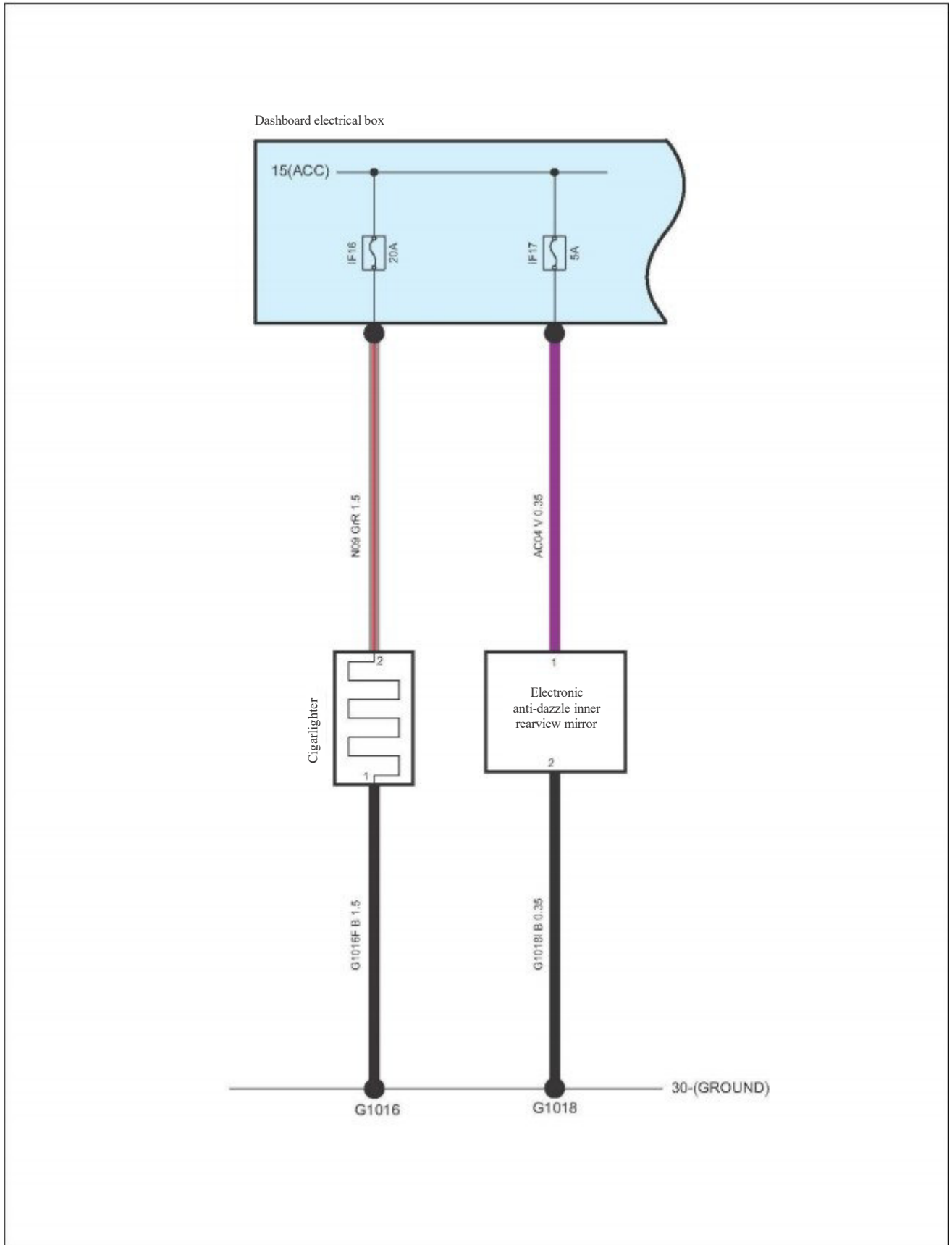
Audiosystem-MP3 radio



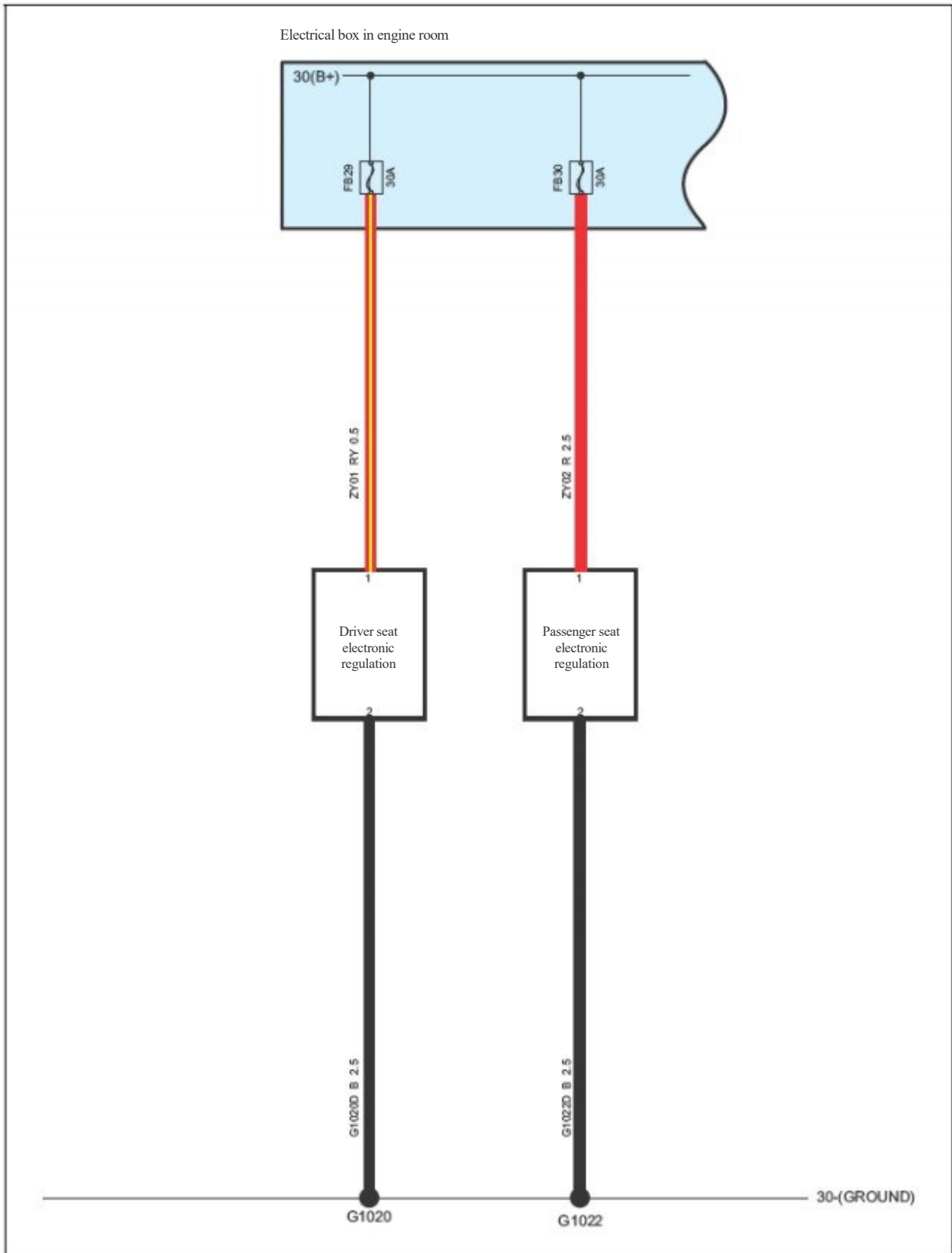
Back-up switch, back-up lamp and back-up assist



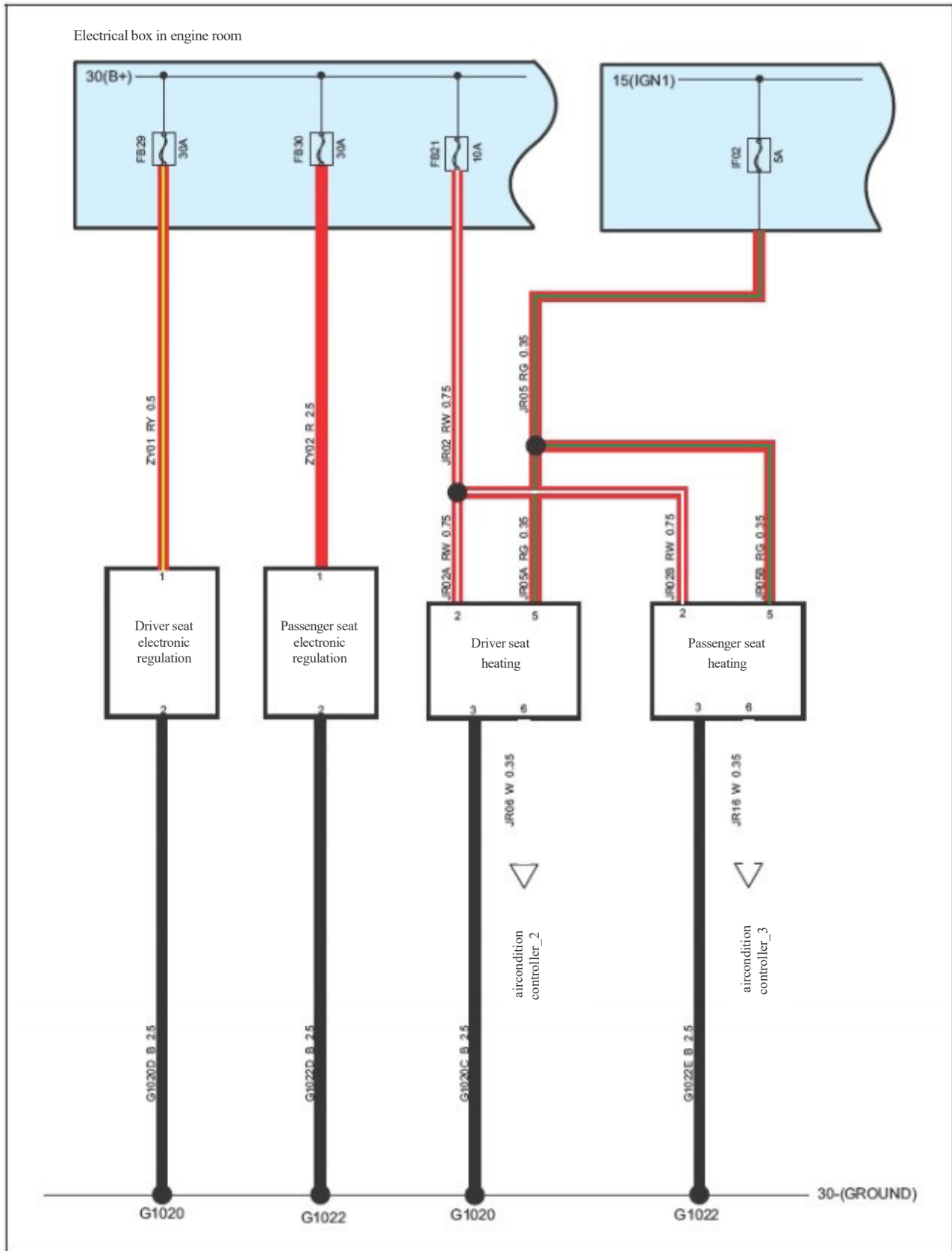
Cigar lighter, Electronic anti-dazzle Rearview mirror



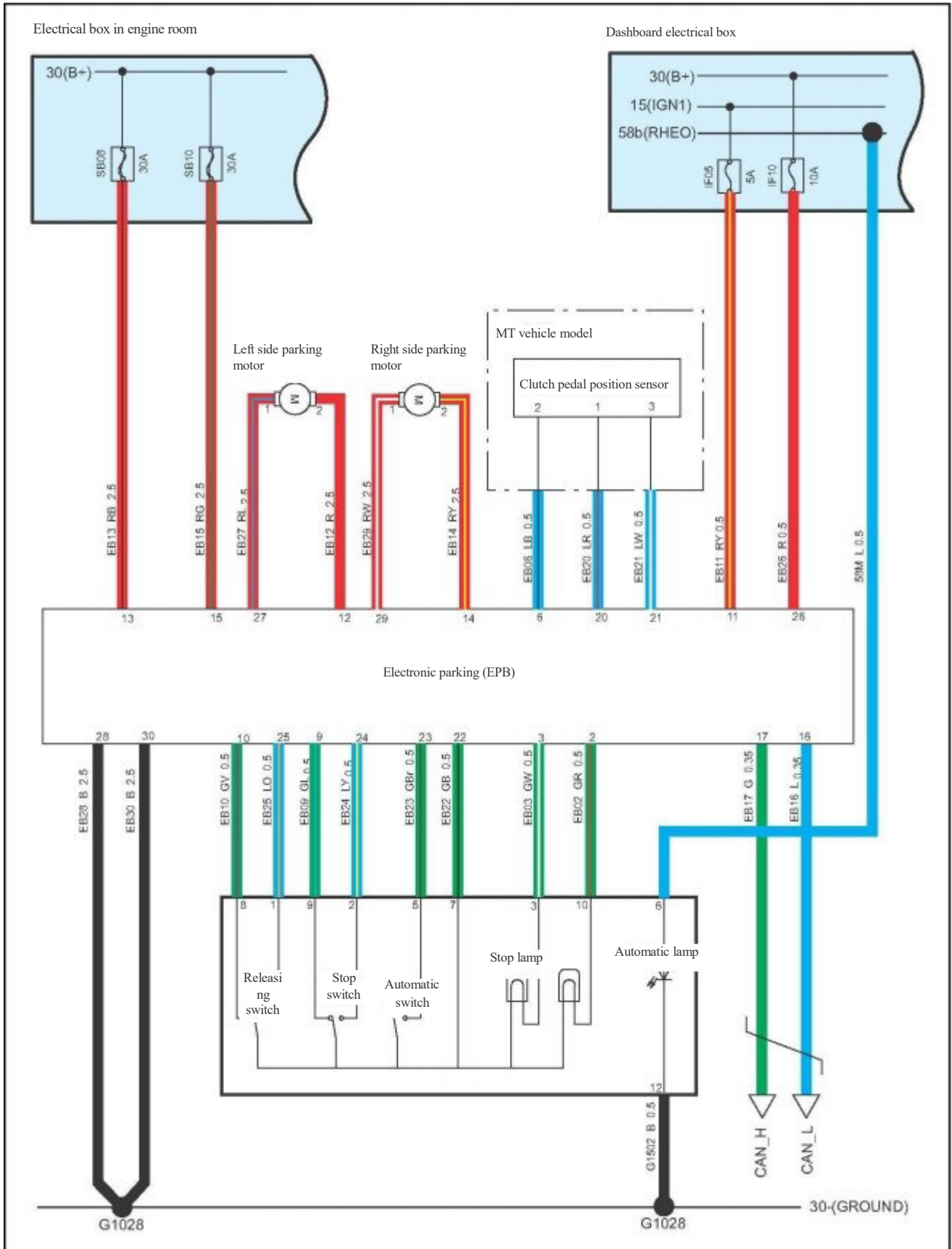
Power seat



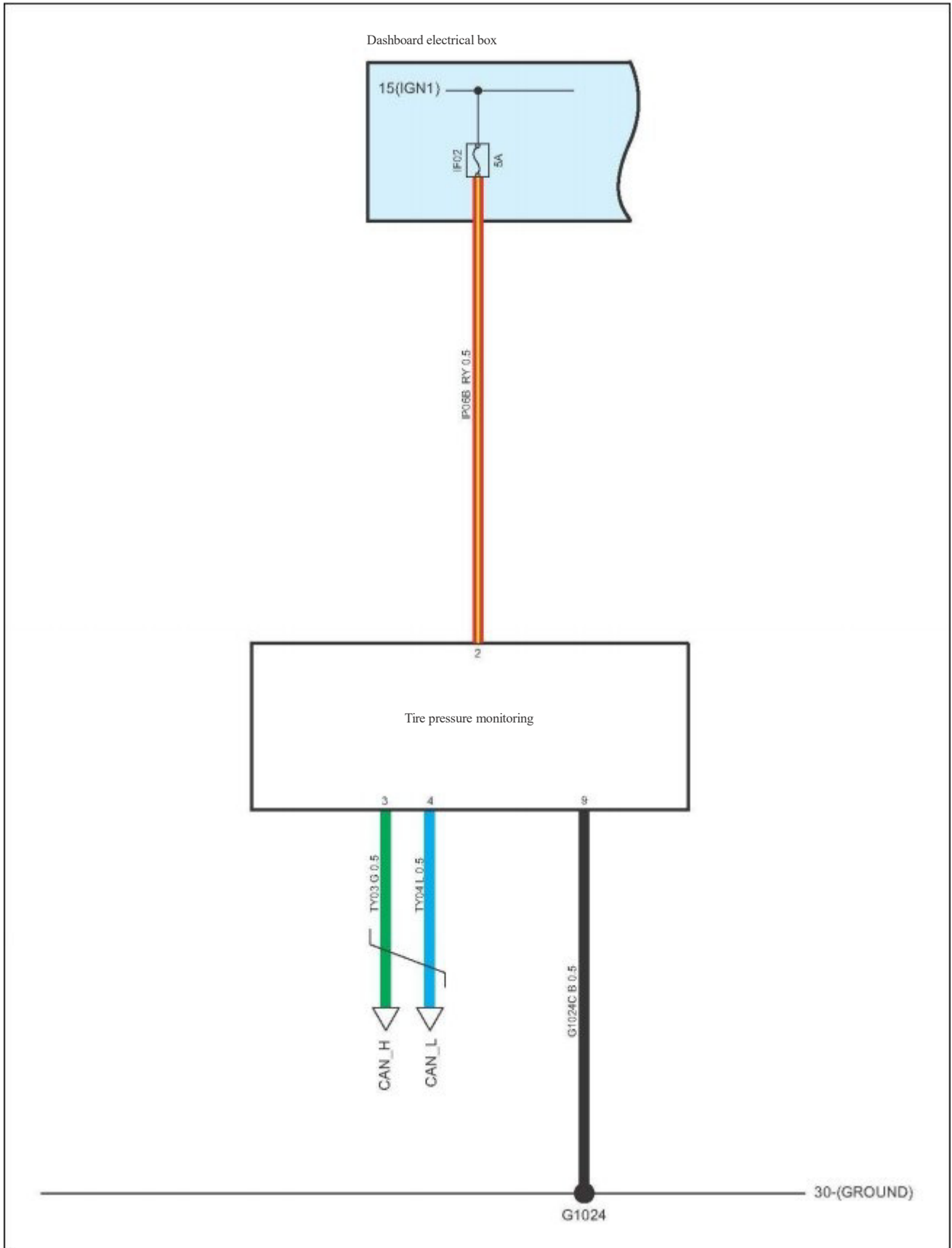
Electric heating seat -2.0T



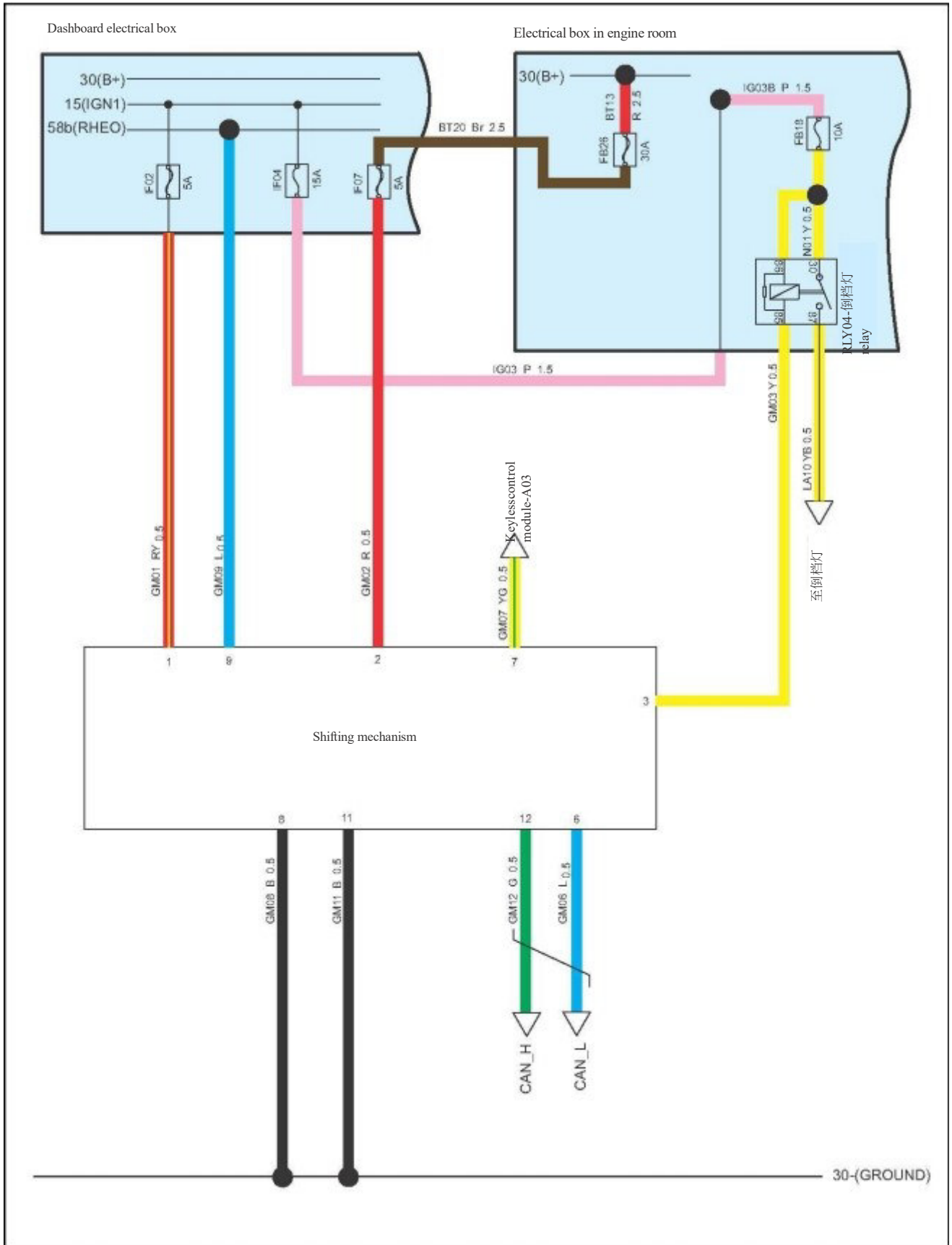
Electrical parking brake (EPB)



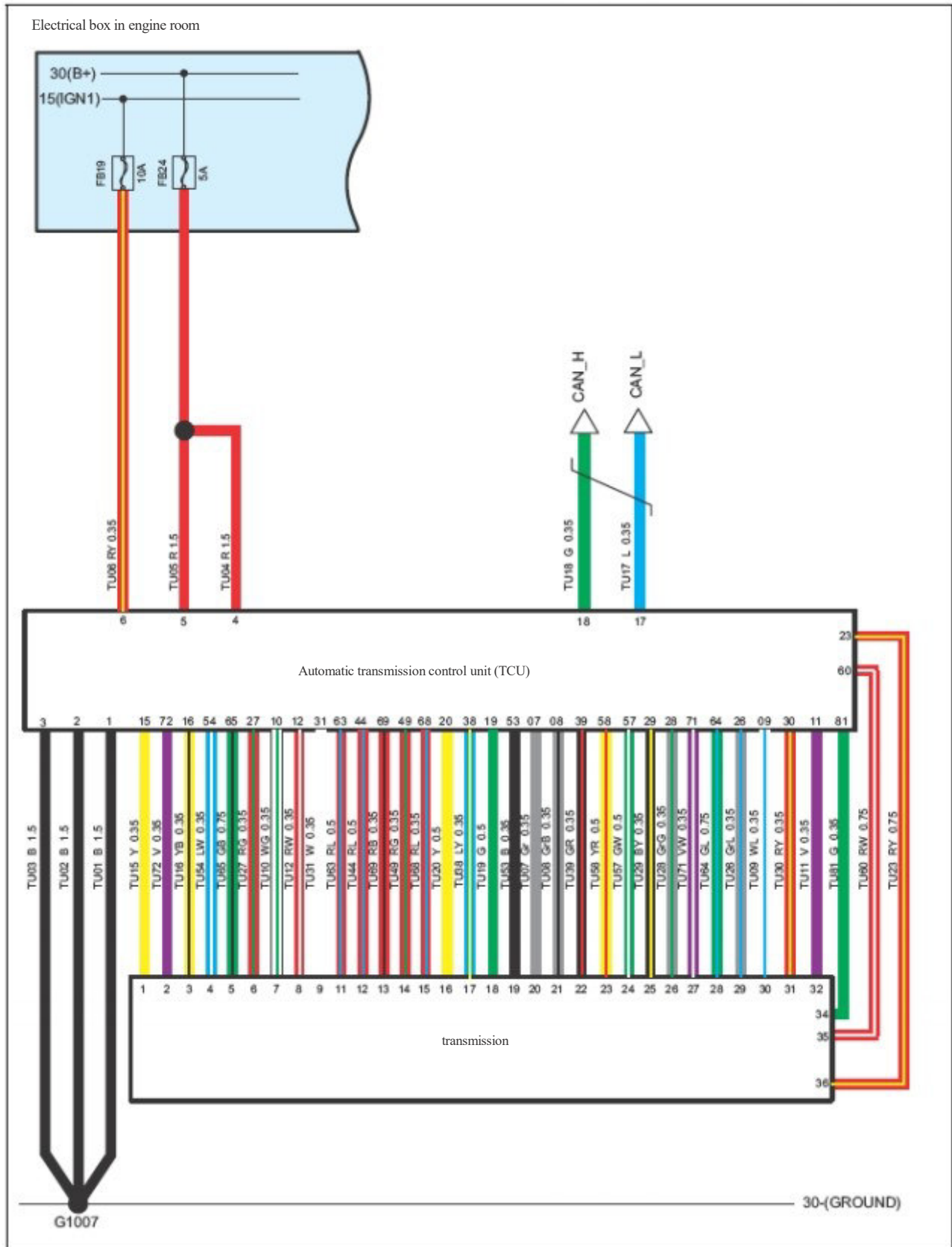
Tire pressure monitoring



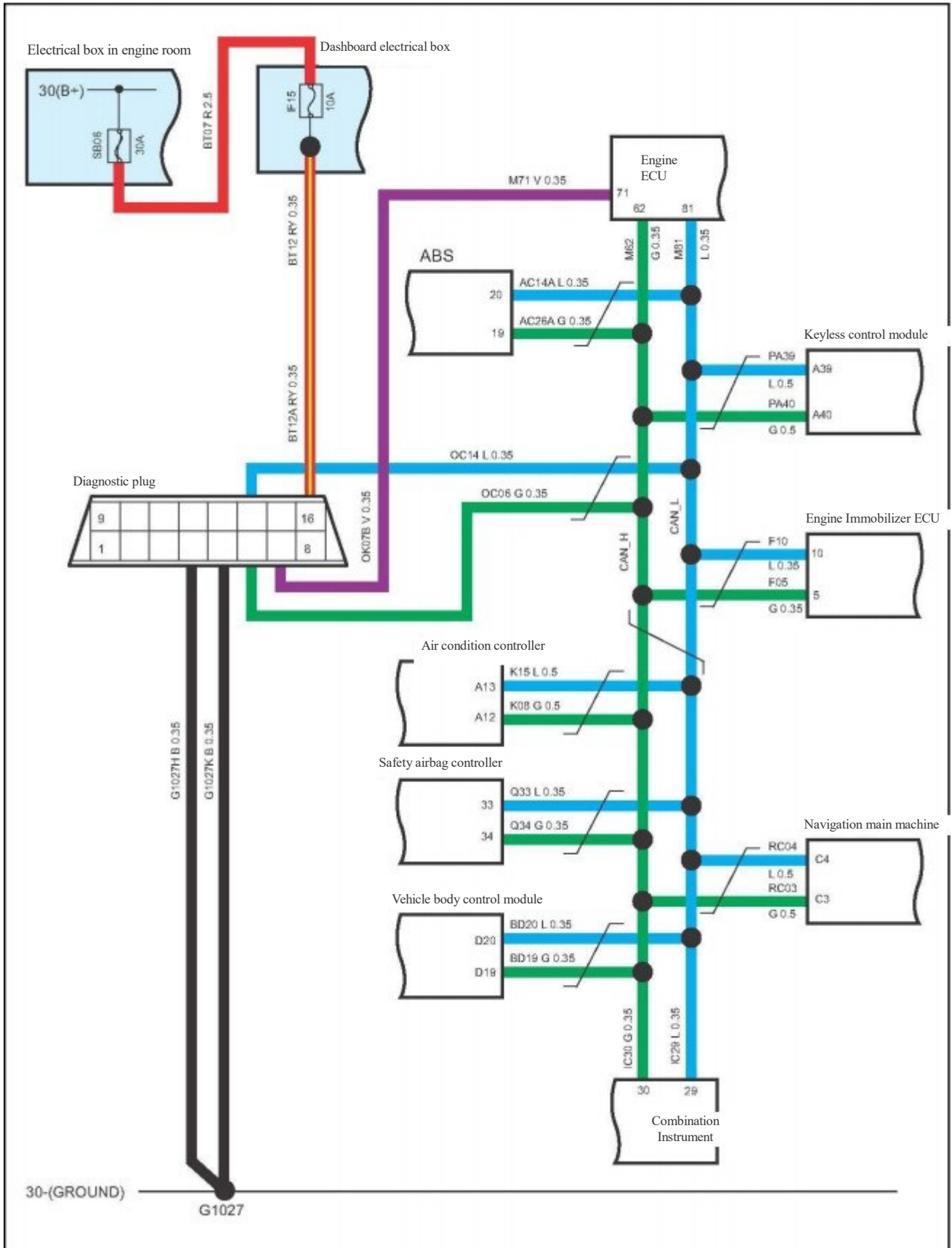
Gear shift mechanism-2.0T



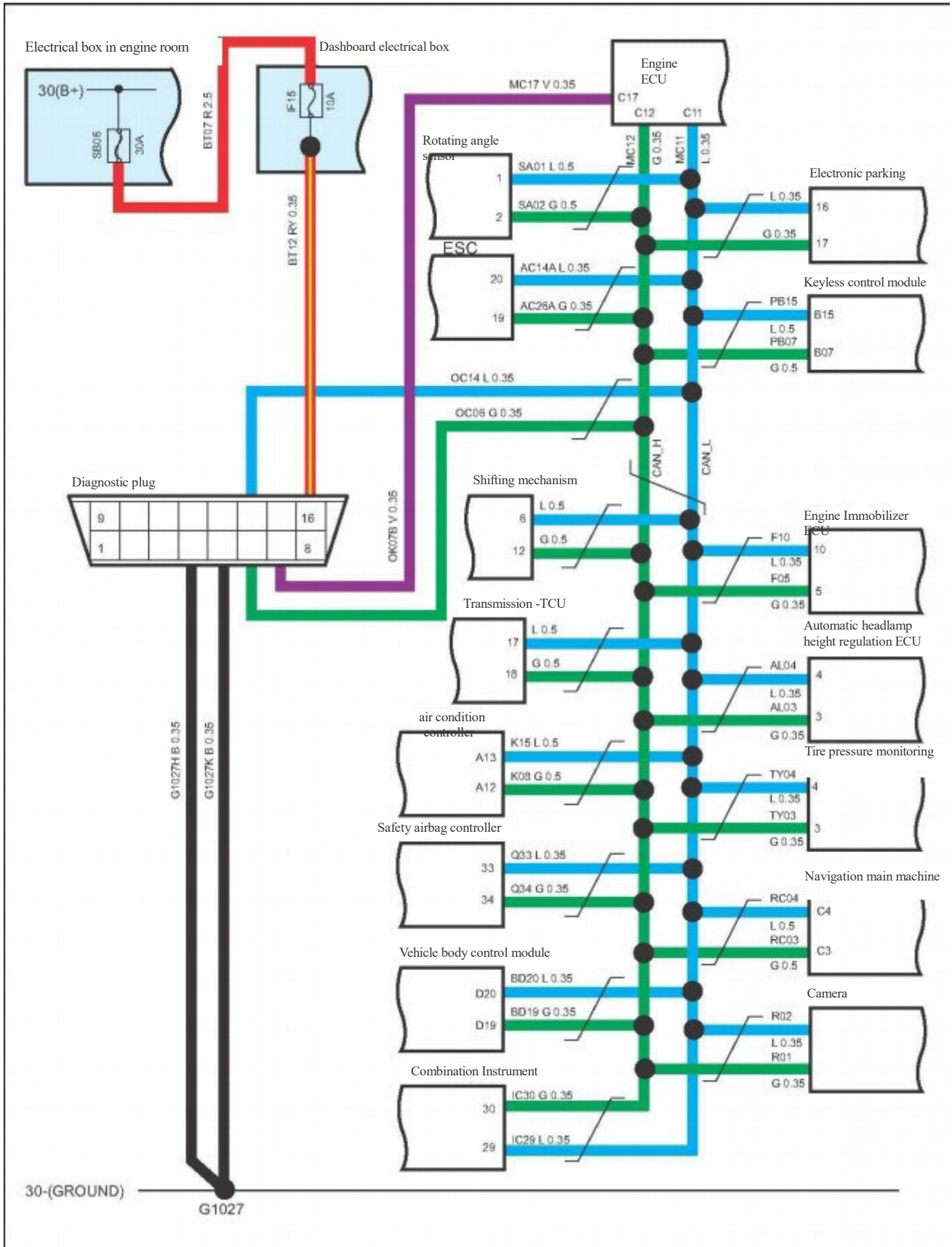
Automatic transmission control unit (TCU) -2.0T



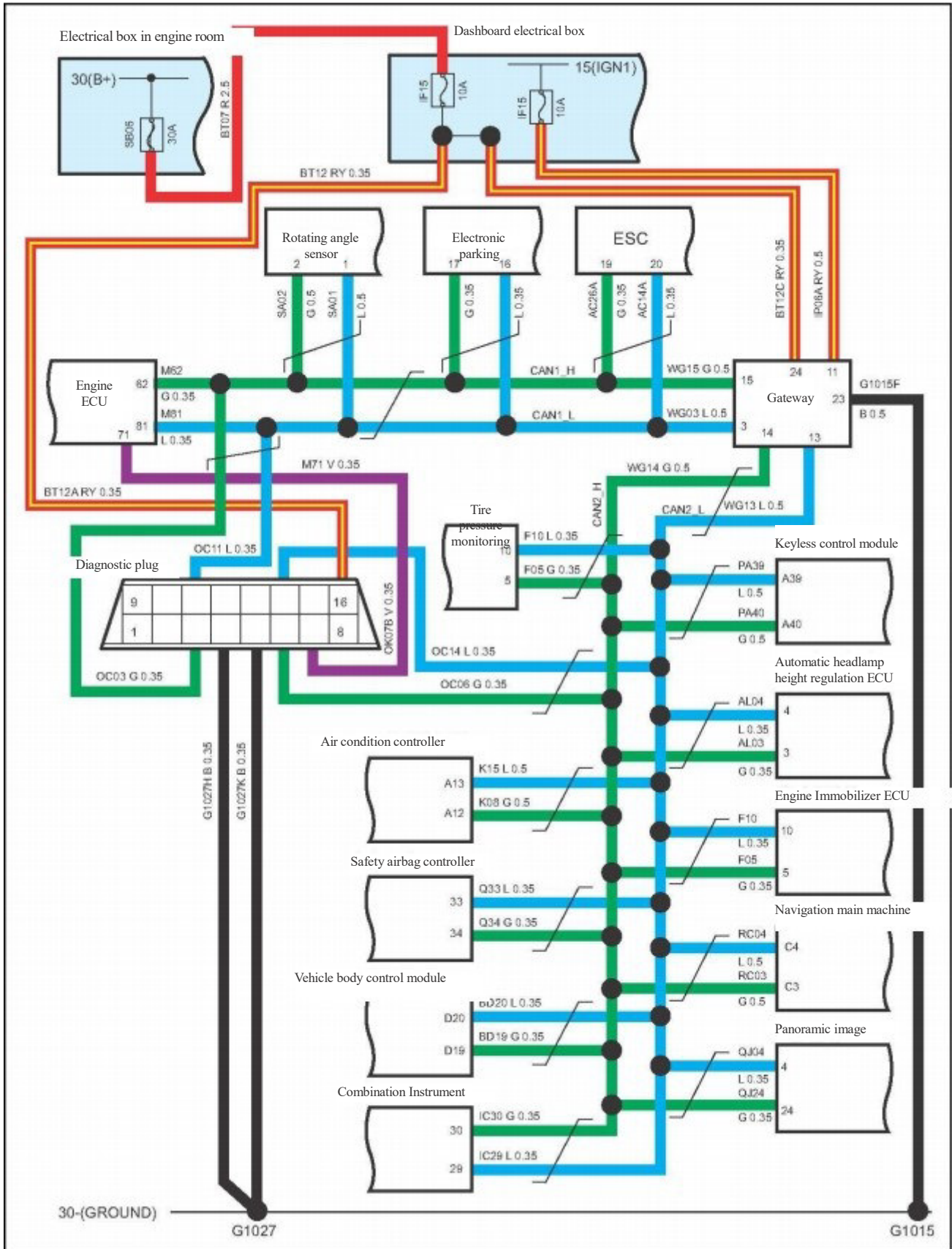
bus system and Diagnosis connector-No Gateway



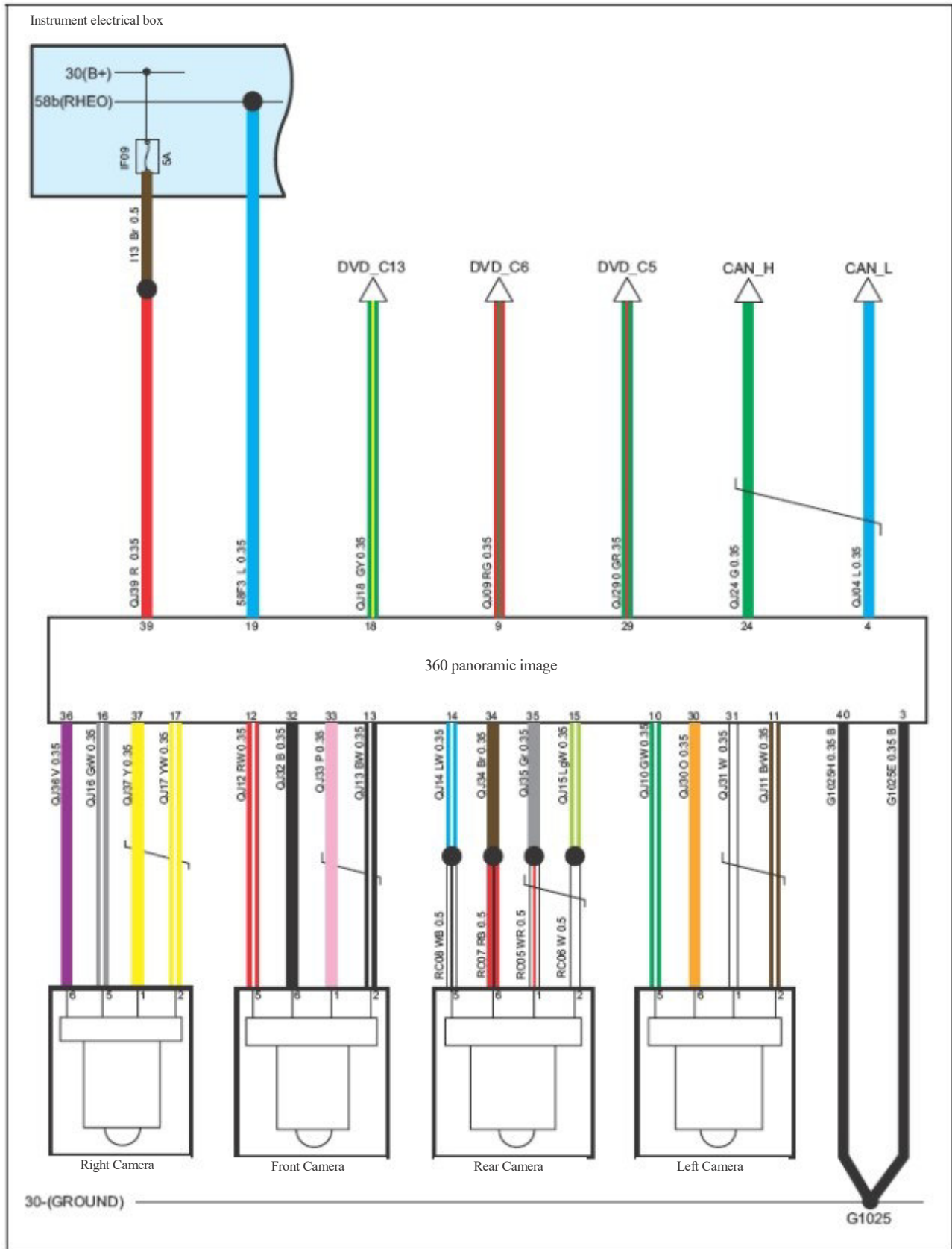
bus system and Diagnosis connector-No Gateway-2.0T



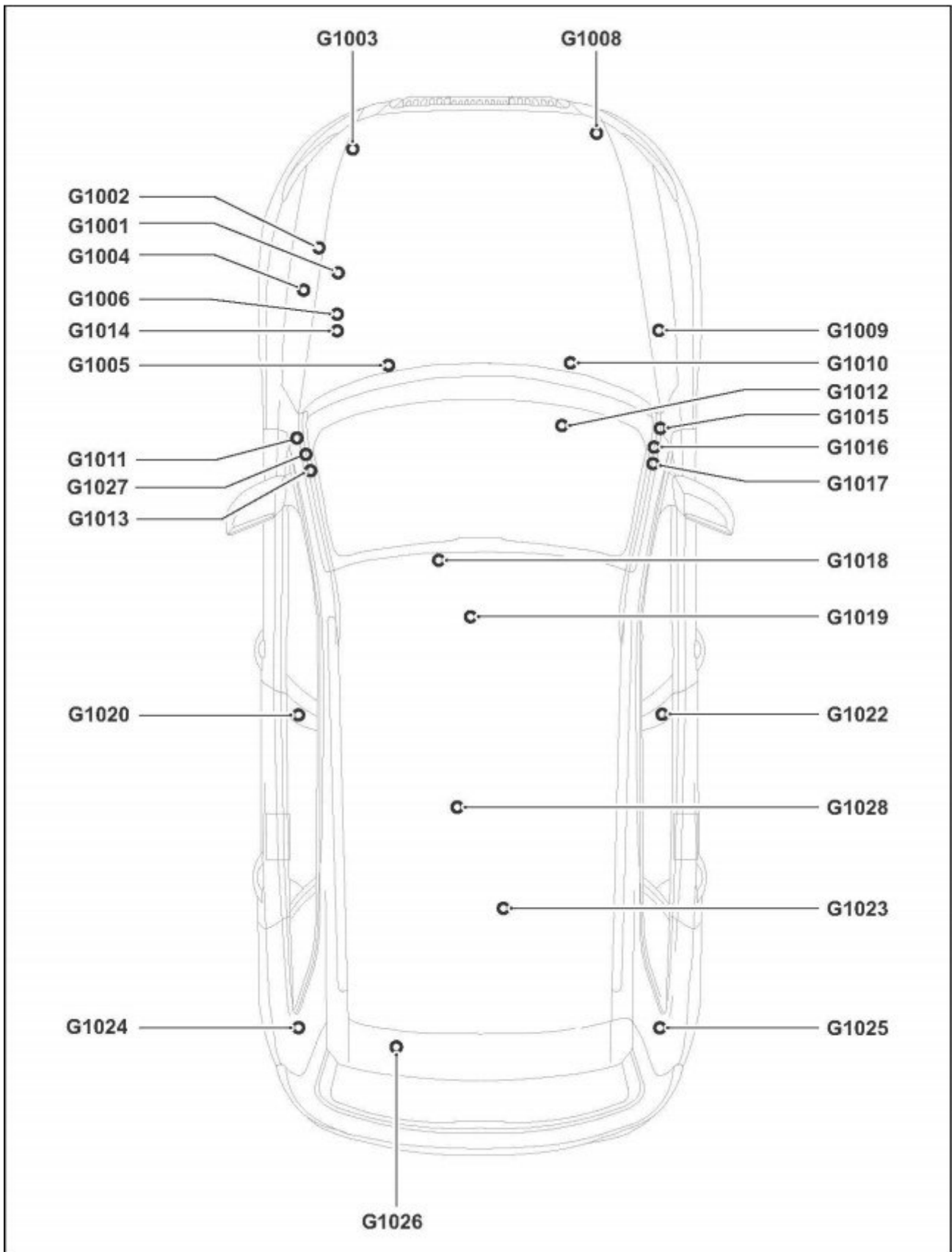
Bus system and diagnosis connector-with Gateway



360 panoramic image



Overview



Grounding point code definition

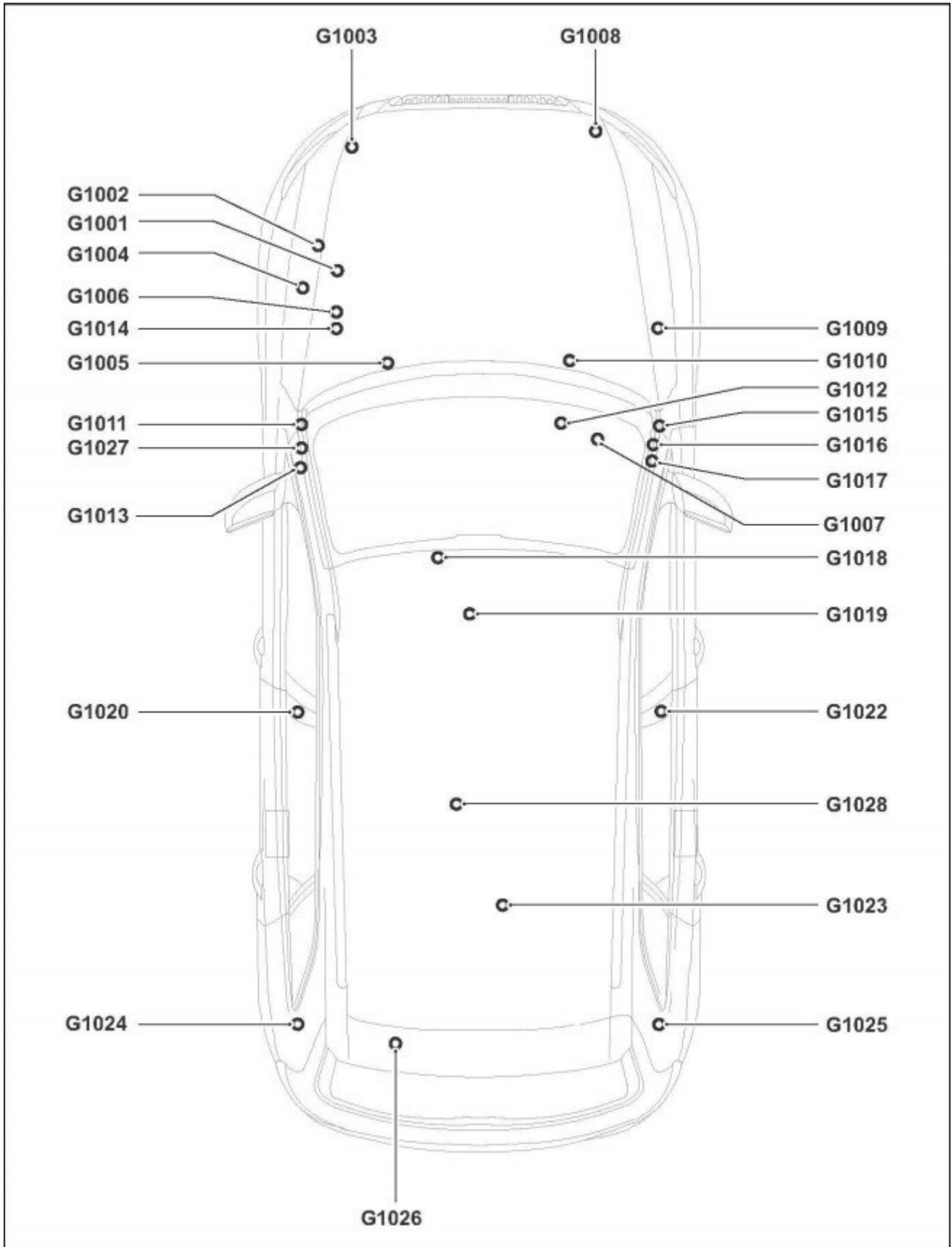
Grounding point code	Position	Harness	Connected electronic component
G1001	Left wheel casing	Transmission negative pole harness	Starter
			Engine
G1002	Left front wheel casing front extension board	Battery ground wiring harness	Battery negative pole
G1003	Water tank beam left supporting plate	Engine room harness	Left / Right electronic fan
			Left Horn
			Vacuum pump
			Front wiper motor
G1004	Engine room left side inner plate	Engine room harness	Front left combinatory lamp (Low beam/ High beam/ position lamp/)
			Front left steering lamp
			Front left fog lamp
			Left front light-dimmer motor
			Front vehicle height Sensor
			Starter relay
			Clutch switch
			electronic rearview mirror folded relay
			Electronic rearview mirror open relay
G1005	Front coaming left side	Engine room harness	Reserved
G1006	Left front wheel casing side reinforcing plate	Engine wiring harness	Engine ECU (power low)
G1008	Water tank beam right supporting plate	Engine room harness	Front canopy signal switch
			Right Horn
			Headlamp washmotor
G1009	Engine room right side inner plate	Engine room harness	Right front headlamp (Low beam/ High beam/ position lamp)
			Front right steering lamp

Grounding point code	Position	Harness	Connected electronic component
			Front right fog lamp
			Right front light-dimmer motor
			Brake fluid level switch
			Air condition pressure switch
G1010	Front coaming right side	Engine room harness	ABS (ESC) control module
G1011	Left A column inner plate lower part 1	Instrument panel wiring harness	Vehicle control module (BCM)
G1012	Dashboard center control panel lower part right side (around the air blower)	HVAC harness	Air conditioning air blower
G1013	Left A column inner plate lower part 3	Front door wiring harness-Left	Left front door lock (State switch)
			Left front door power window control switch (Backlight)
			power mirror Switch
			Left power mirror (Defroster/ Side steering lamp)
			Left front door knob low-frequency Antenna
G1014	Left front wheel casing side reinforcing plate	Engine wiring harness	Engine ECU (signal)
G1015	Right A column inner plate lower part 1	Dashboard harness	Rotating angle Sensor (SAS)
			Button start Switch
			Immobilizer controller (IMMO)
			Hazard warning lamp switch
			Air conditioning controller
			Gateway
			Clock spring
G1016	Right A column inner plate lower part 2	Dashboard harness	Combination instrument
			Keyless control (PEPS) module

Grounding point code	Position	Harness	Connected electronic component
			Head unit
			Cigar lighter
G1017	Right A column inner plate lower part 3	Front door wiring harness-Right	Right front door lock (State switch)
			Right front door power window Switch (Backlight)
			Right power mirror (Defroster/ side steering lamp)
			Right front door knob low-frequency Antenna
G1018	Top beam front beam	Roof harness	Front top light
			Left / Right rear top light
			Skylight controller
			Skylight switch
			Electronic auto-dimming inside rearview mirror
			Rain Sensor
G1019	Auxiliary instrument table	Instrument panel wiring harness	Passenger make-up mirror lamp
			Airbag controller
			Electrical parking brake EPB
G1020	Left B column inner plate lower part	Floor harness	Parking control switch
			Left rear door lock (State switch)
			Left rear door power window Switch (Backlight)
			Driver power seat
G1022	Right B column inner plate lower part	Floor harness	Driver safety belt Switch
			Right rear door lock (State switch)
			Right rear door power window switch (Backlight)
			Passenger safety belt switch
			Passenger power seat
G1023	Rear floor beam	Floor harness	Passenger gravity sensor
			Fuel pump

Grounding point code	Position	Harness	Connected electronic component
	fuel pump hole		Rear vehicle height Sensor
G1024	Left D column inner plate middle part	Floor harness	Left rear combination lamp -fixed part (position lamp/ Brake lamp/ Steering lamp)
			tire pressure monitoring
G1025	Right D column inner plate middle part	Floor harness	Right rear combination lamp -fixed part (position lamp/ Brake lamp/ Steering lamp)
			reversing radar controller
			Rear fog lamp
			High level brake lamp
G1026	Rear back door inner plate top beam	Rear back door left harness	Left / Right license plate lamp
			Rear back door Switch
			Rear back door lock (lock motor/ State switch)
			Left / Right rear combination lamp -movable part (back-up lamp/ position lamp/ Brake lamp)
			Rear wiper motor
			Rear air window defroster
G1027	Left A column inner plate lower part 2	Instrument panel wiring harness	Headlamp height regulating switch
			Backlight lamp regulating switch
			Diagnosis plug
			Rear wiper relay
			ON gear relay
			ACC gear relay
			Rear back lock motor relay
			ESC Switch

Overview-2.0T



Grounding point code definition -2.0T

Grounding point code	Position	Harness	Connected electronic component
G1001	Left wheel casting	Transmission negative pole harness	Starter
			Engine
G1002	Left front wheel casting front extension board	Battery ground wiring harness	Battery negative pole
G1003	Water tank beam left supporting plate	Engine room harness	Left / Right electronic fan
			Left Horn
			Vacuum pump
			Front wiper motor
			Neutral position switch
G1004	Engine room left side inner plate	Engine room harness	Front left combinatory lamp (Low beam/ High beam/ position lamp/ Regulator motor/)
			Front left steering lamp
			Front left fog lamp
			Left front light-dimmer motor
			Front vehicle height Sensor
			Starter relay
			Clutch switch
			Electric rearview mirror open/ folding relay
G1005	Front coaming left side	Engine room harness	Reserved
G1006	Left front wheel casting reinforcing plate	Engine wiring harness	Engine ECU (power low)
			Ignition coil1, 2, 3, 4
G1007	Front baffle right side supporting plate	Engine room harness	TCU control unit
G1008	Water tank beam right supporting plate	Engine room harness	Front canopy signal switch
			Right Horn
			Headlamp washmotor
G1009	Engine room right	Engine room	Right front headlamp (Low beam/ High beam/

Grounding point code	Position	Harness	Connected electronic component
	side inner plate	harness	position lamp/ Regulator motor)
			Front right steering lamp
			Right front light-dimmer motor
			Front right fog lamp
			Brake fluid level switch
			Air condition pressure switch
G1010	Front coaming right side	Engine room harness	ABS (ESC) control module
G1011	Left A column inner plate lower part 1	Instrument panel wiring harness	Vehicle control module (BCM)
G1012	Dashboard center control panel lower part right side (around the air blower)	HVAC harness	Air conditioning Air blower
G1013	Left A column inner plate lower part 3	Front door wiring harness-Left	Left front door lock (State switch)
			Left front door power window control switch (Backlight)
			power mirror Switch
			Left power mirror (Defroster/ side steering lamp)
			Left front door knob low-frequency Antenna
G1014	Left front wheel casting side reinforcing plate	Engine wiring harness	Engine ECU (signal)
G1015	Right A column inner plate lower part 1	Instrument panel wiring harness	Rotating angle Sensor (SAS)
			Button start Switch
			Immobilizer controller (IMMO)
			Hazard warning lamp Switch
			Air conditioning controller
			Gateway
			Clock spring

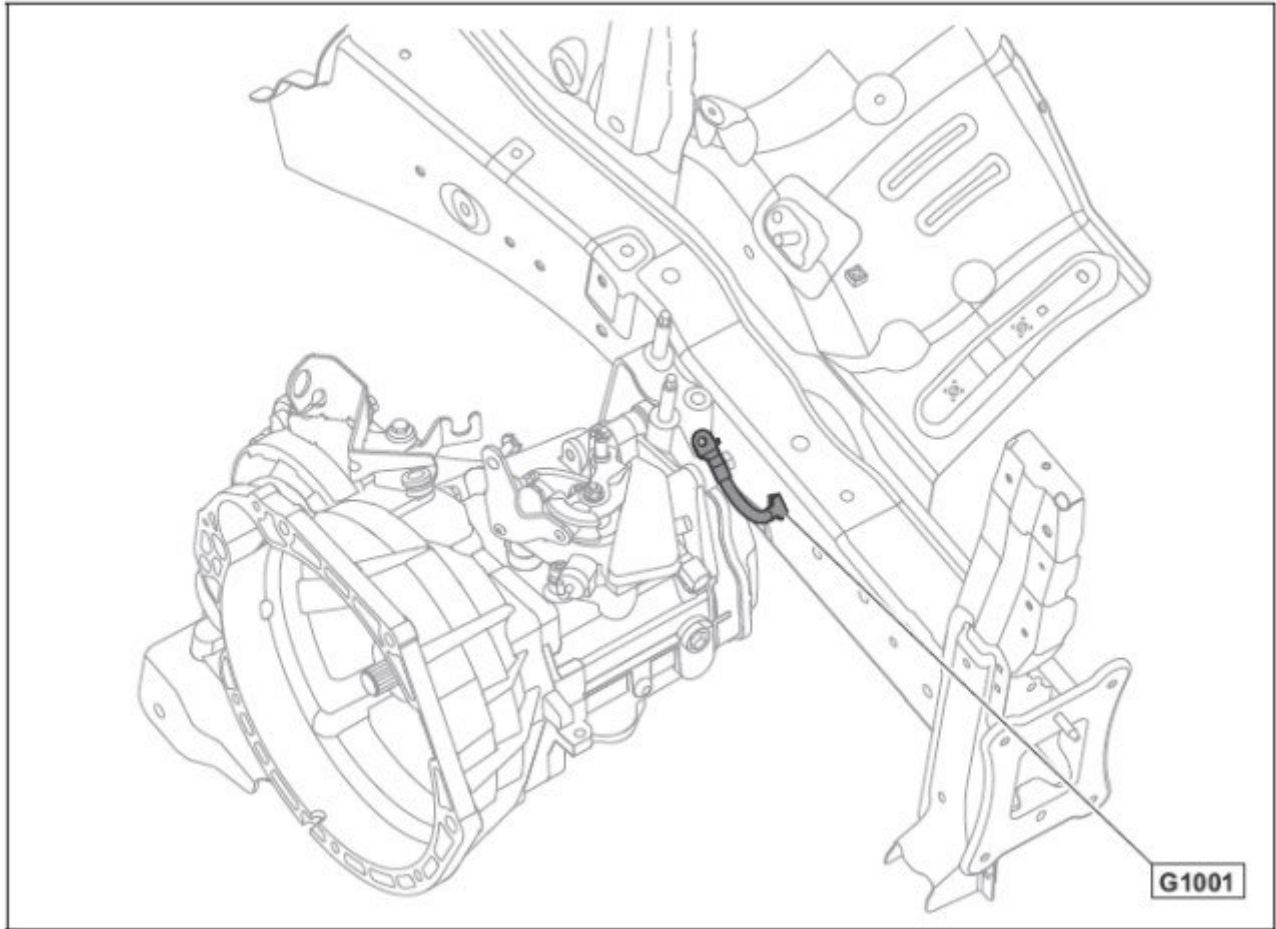
Grounding point code	Position	Harness	Connected electronic component
G1016	Right A column inner plate lower part 2	Instrument panel wiring harness	Combination instrument
			Keyless control (PEPS) module
			Head unit
			Cigar lighter
G1017	Right A column inner plate lower part 3	Front door wiring harness-Right	Right front door lock (State switch)
			Right front door power window switch (Backlight)
			Right power mirror (Defroster/ side steering lamp)
			Right front door knob low-frequency antenna
G1018	Ceiling front beam	Roof harness	Front top light
			Left / Right rear top light
			Skylight controller
			Skylight switch
			Electronic auto-dimming inside rearview mirror
			Rain sensor
			Passenger make-up mirror lamp
G1019	Auxiliary Instrument Table	Instrument panel wiring harness	Airbag controller
G1020	Left B column inner plate lower part	Floor harness	Left rear door lock (State switch)
			Left rear door power window switch (Backlight)
			Driver safety belt switch
			Driver electronic speed controller seat
			Driver Seat heating
G1022	Right B column inner plate lower part	Floor harness	Right rear door lock (State switch)
			Right rear door power window switch (Backlight)
			Passenger safety belt switch
			Passenger gravity sensor

Grounding point code	Position	Harness	Connected electronic component
			Passenger seat heating
			Passenger electronic speed controller seat
G1023	Rear floor beam fuel pump hole	Floor harness	Fuel pump
			Rear vehicle height sensor
G1024	Left D column inner plate middle part	Floor harness	Left rear combination lamp-fixed part (position lamp/ Brake lamp/ Steering lamp)
			tire pressure monitoring
G1025	Right D column inner plate middle part	Floor harness	Right rear combination lamp -fixed part (position lamp/ Brake lamp/ Steering lamp)
			reversing radar controller
			Rear fog lamp
			360 panoramic image
			High level Brake lamp
G1026	Rear back door inner plate top beam	Rear back door left harness	Left / Right license plate lamp
			Rear back door switch
			Rear back door lock (lock motor/ State switch)
			Left / Right rear combination lamp -movable part (back-up lamp/ position lamp/ Brake lamp)
			Rear wiper motor
			Rear air window defroster
G1027	Left A column inner plate lower part 2	Instrument panel wiring harness	Headlamp height regulating switch
			Backlight lamp regulating switch
			Diagnosis plug
			Rear wiper relay
			ON gear relay
			ACC gear relay
			Rear back lock motor relay
			ESC Switch
G1028	Auxiliary	Floor harness	EPB module

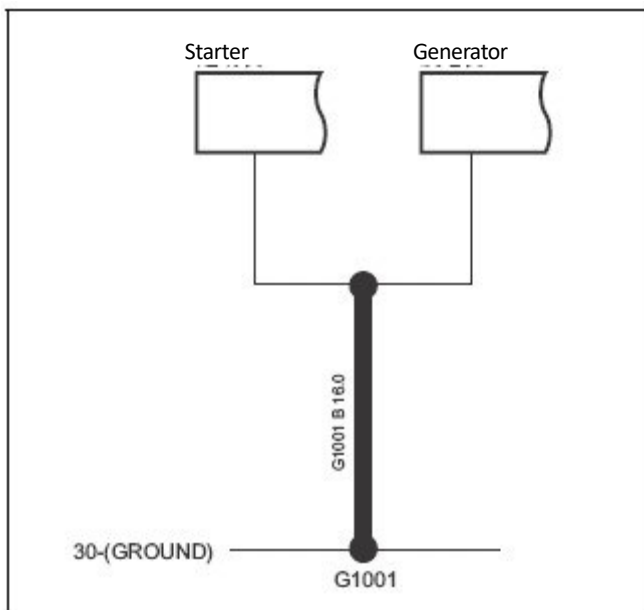
Grounding point code	Position	Harness	Connected electronic component
	instrument table		EPB Switch

G1001

Distribution

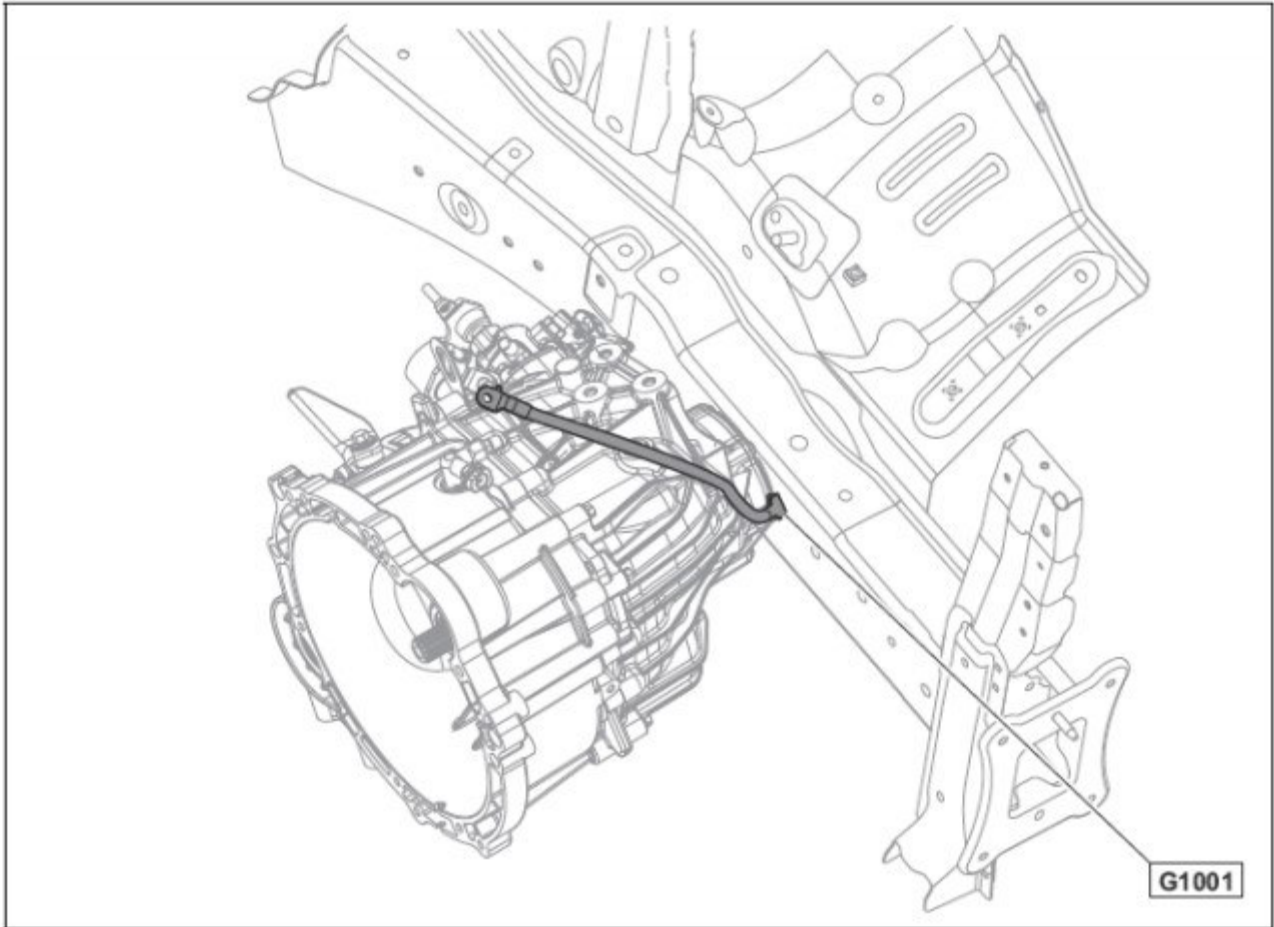


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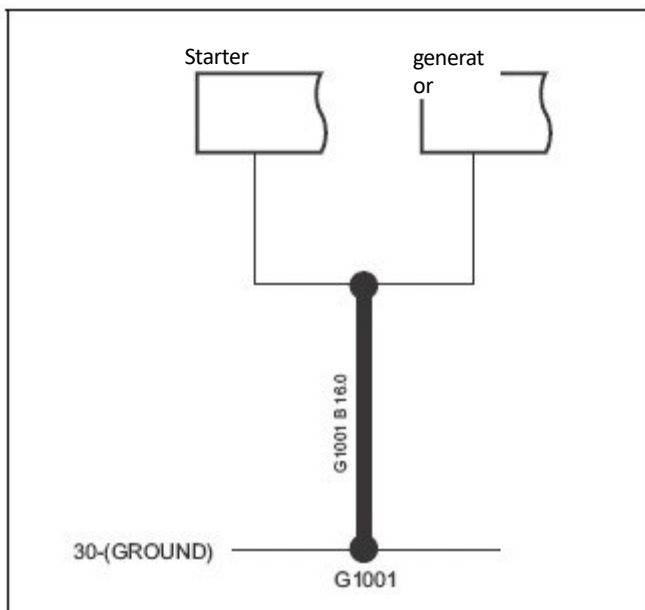


G1001-2.0T (MT)

Distribution

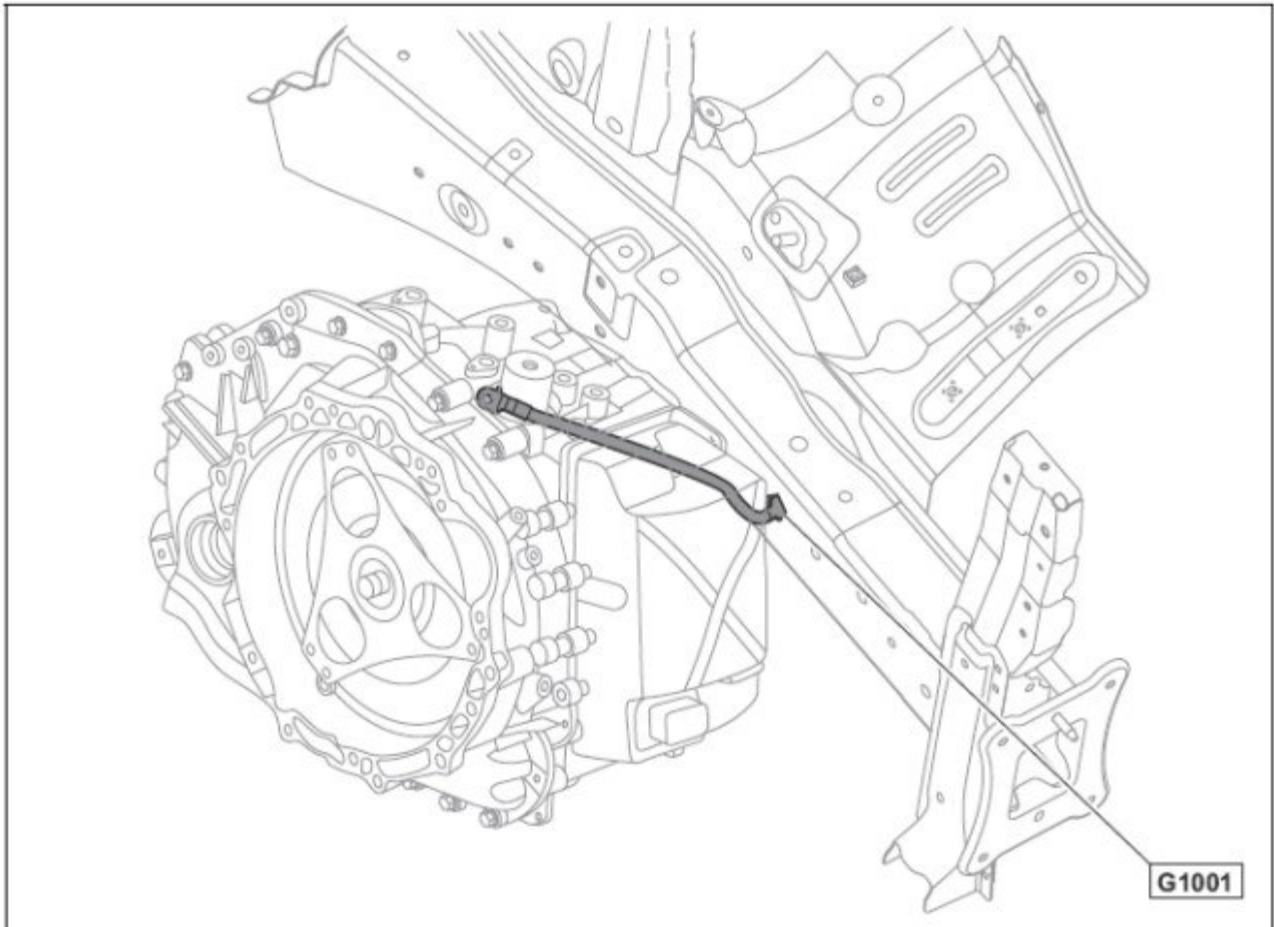


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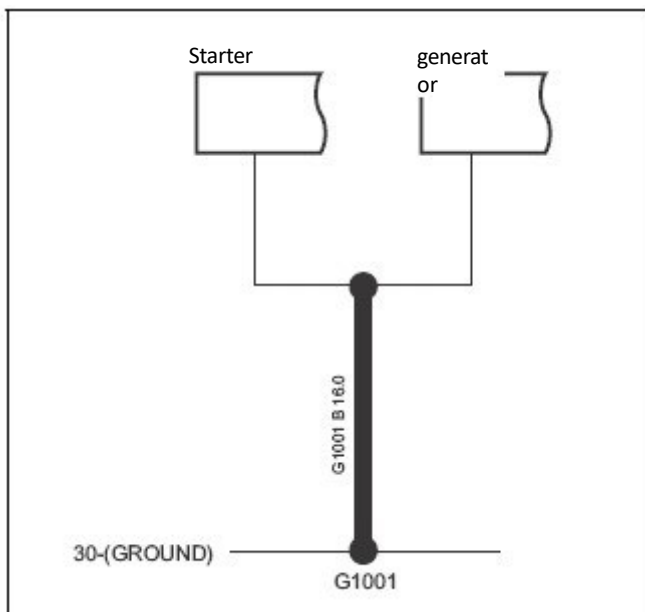


G1001-2.0T (DCT)

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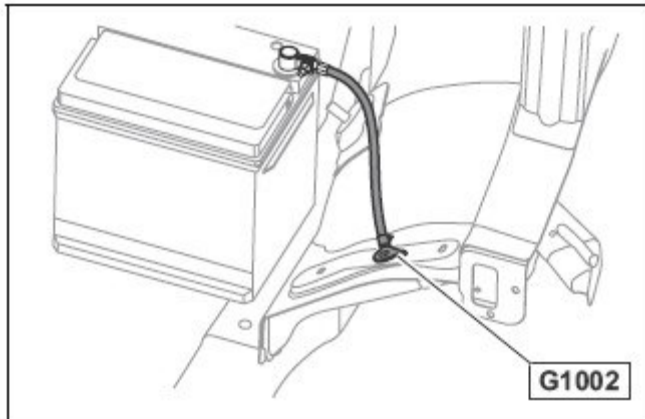


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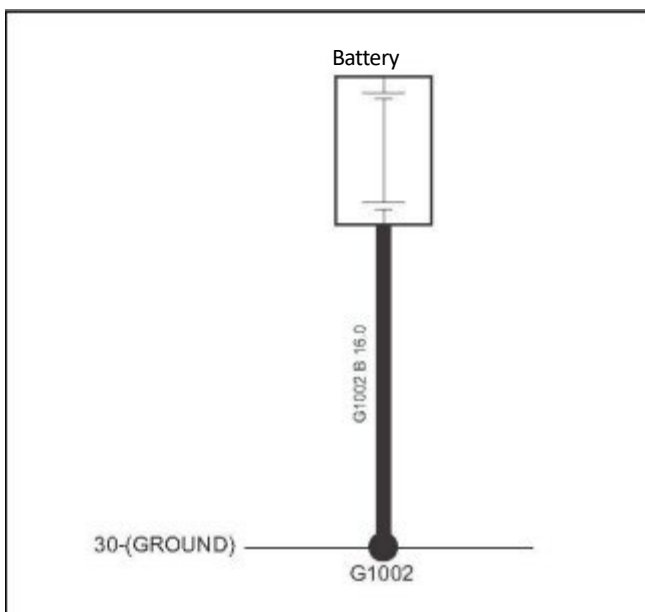


G1002

Distribution

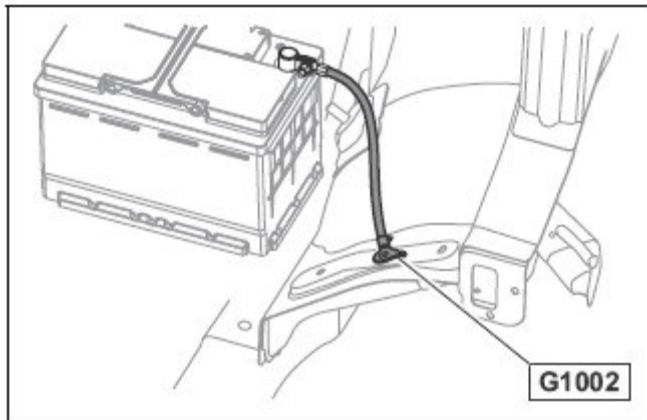


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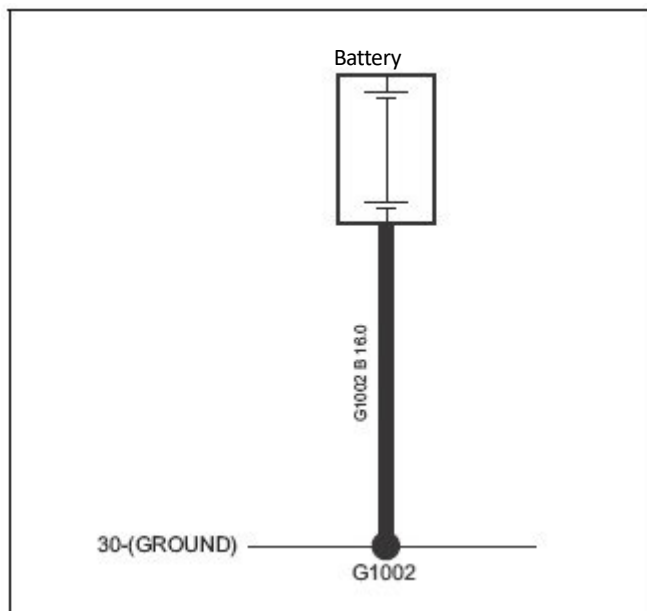


G1002-2.0T

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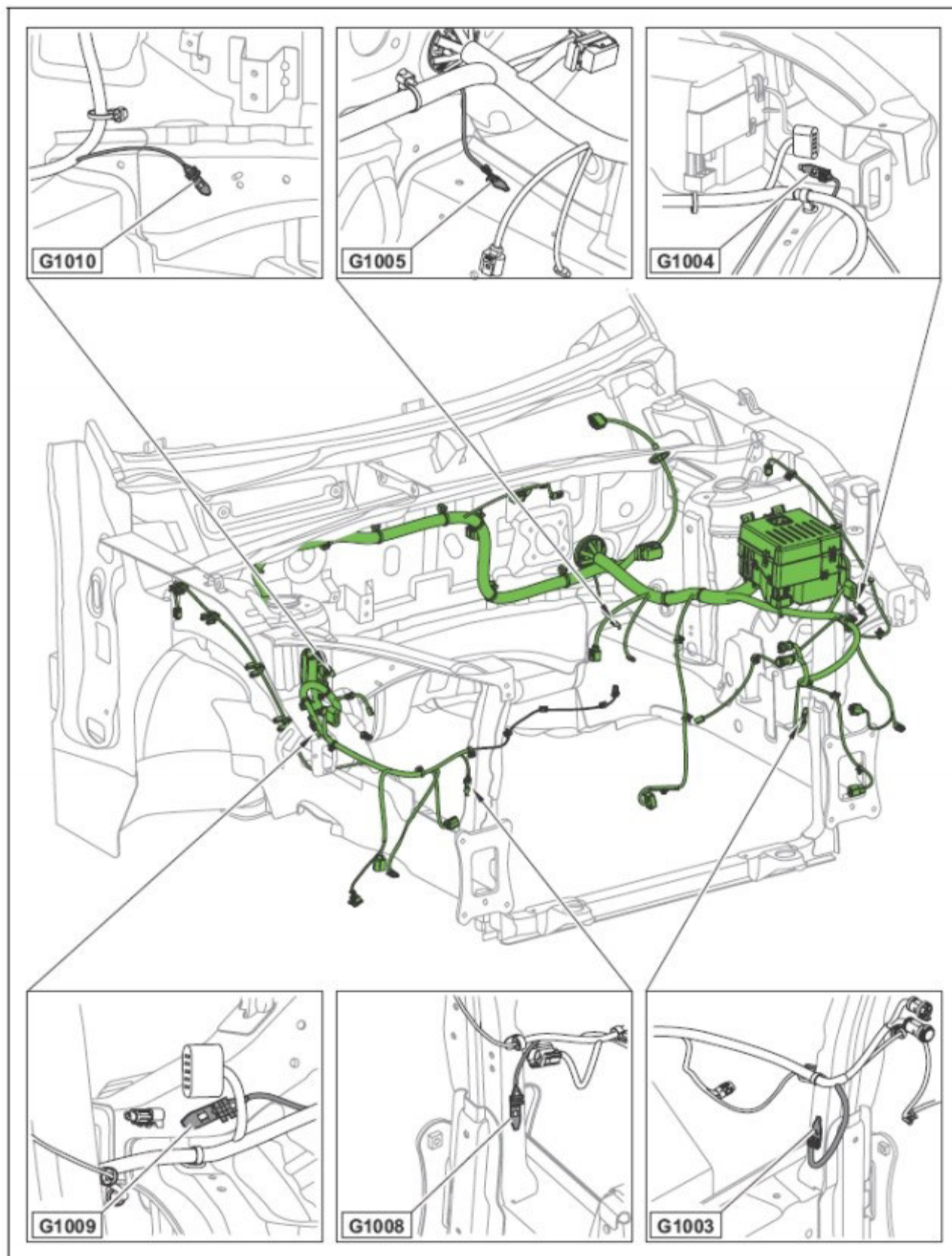


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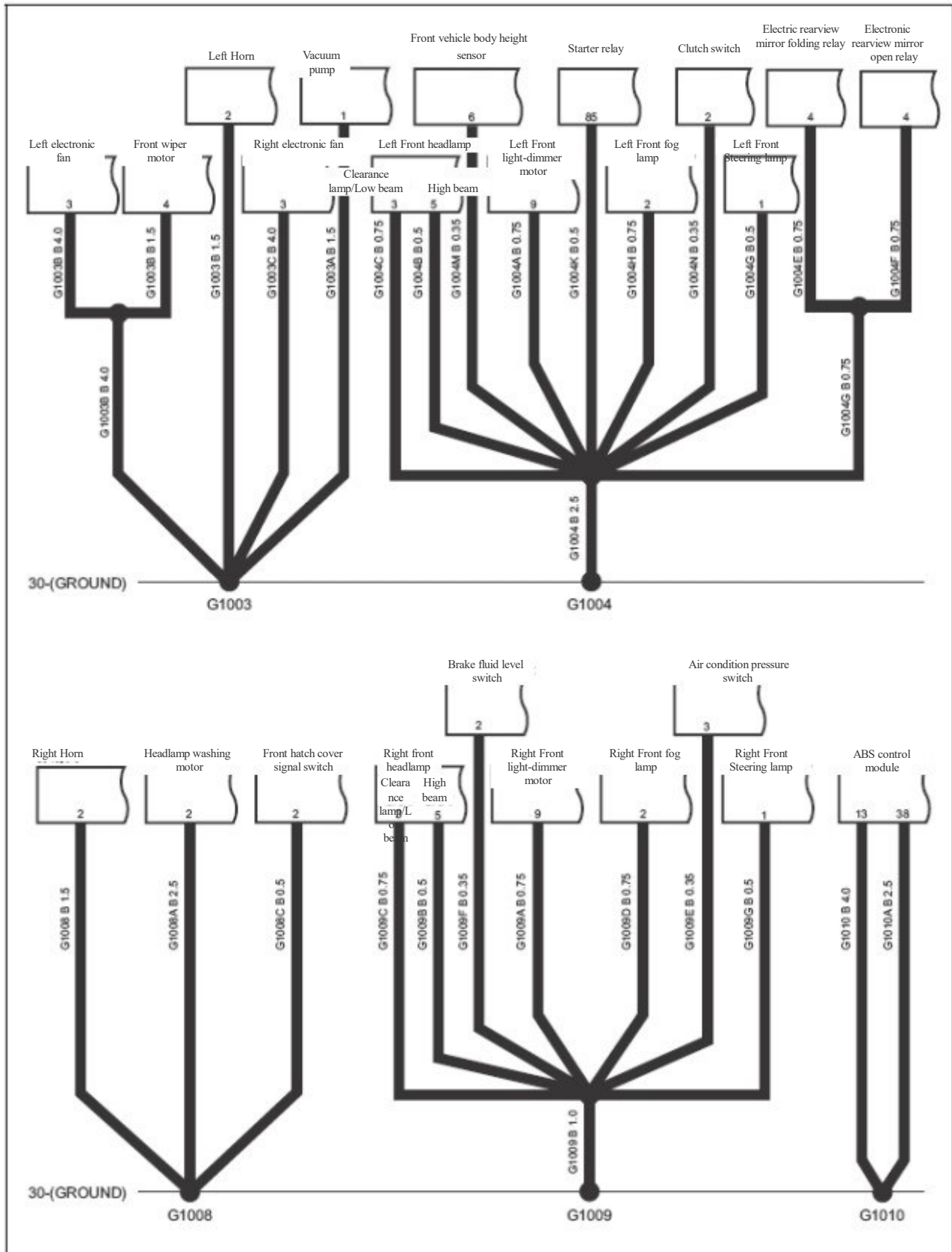


G1003G1004G1005G1008G1009G1010

Distribution

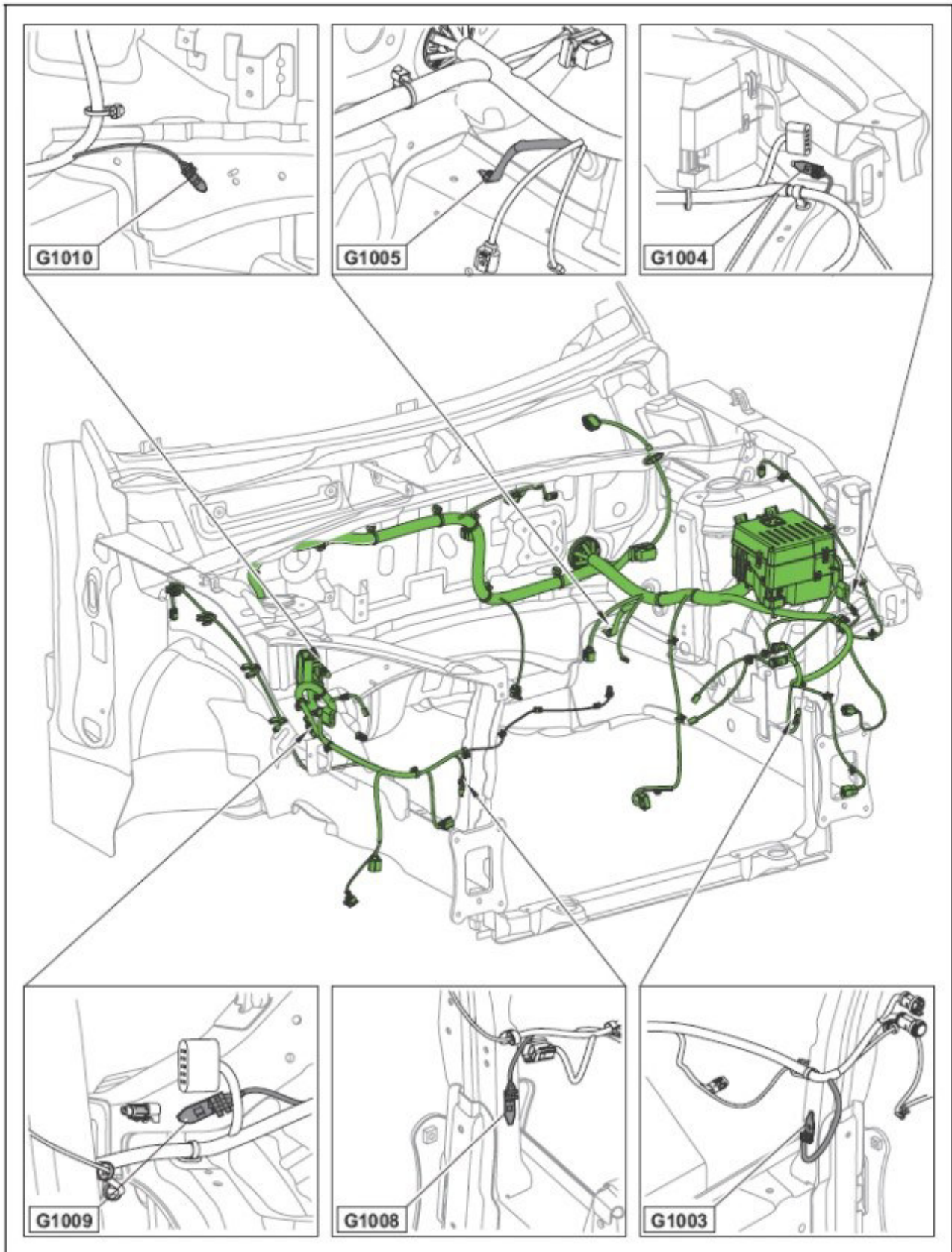


Function

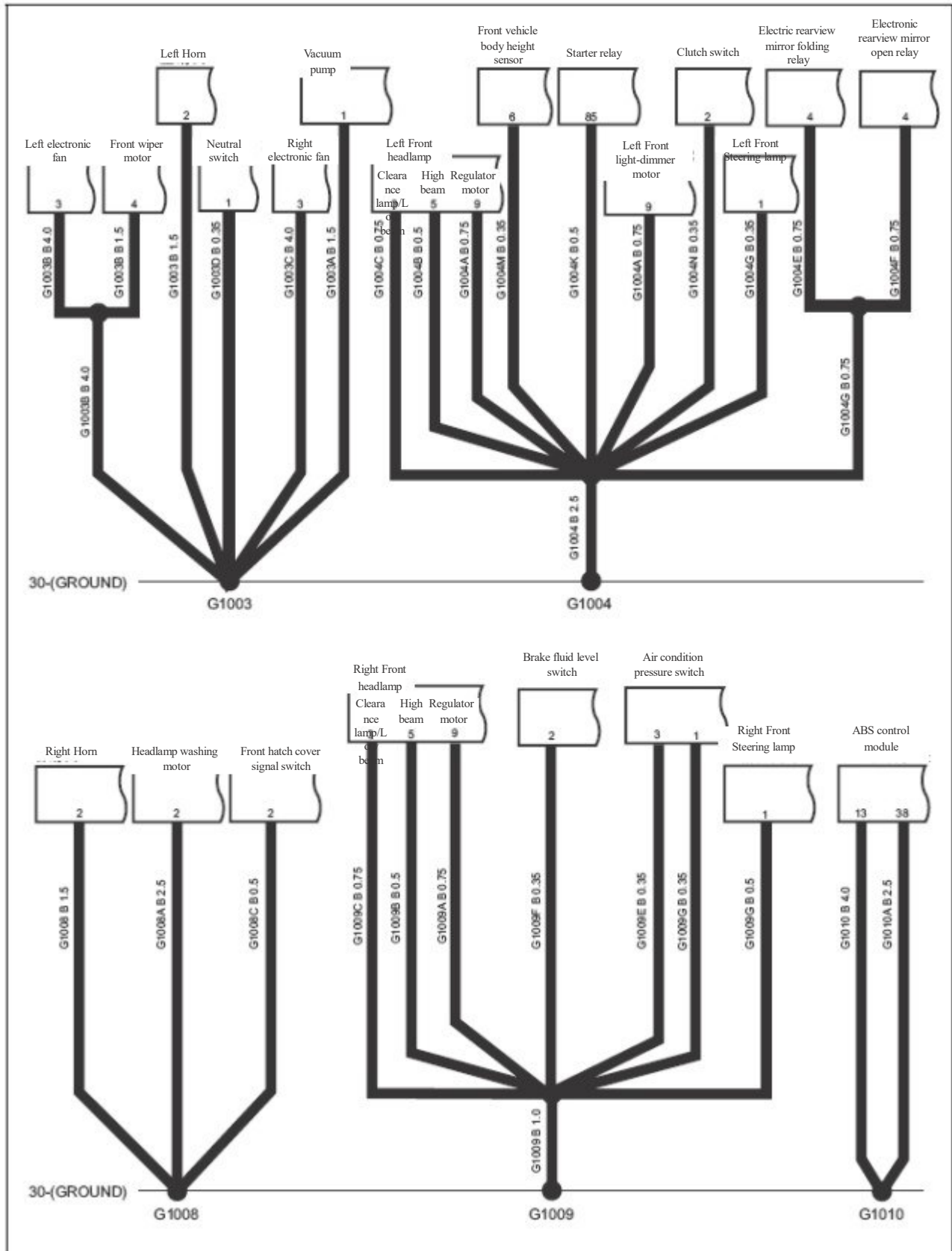


G1003G1004G1005G1008G1009G1010-2.0T

Distribution

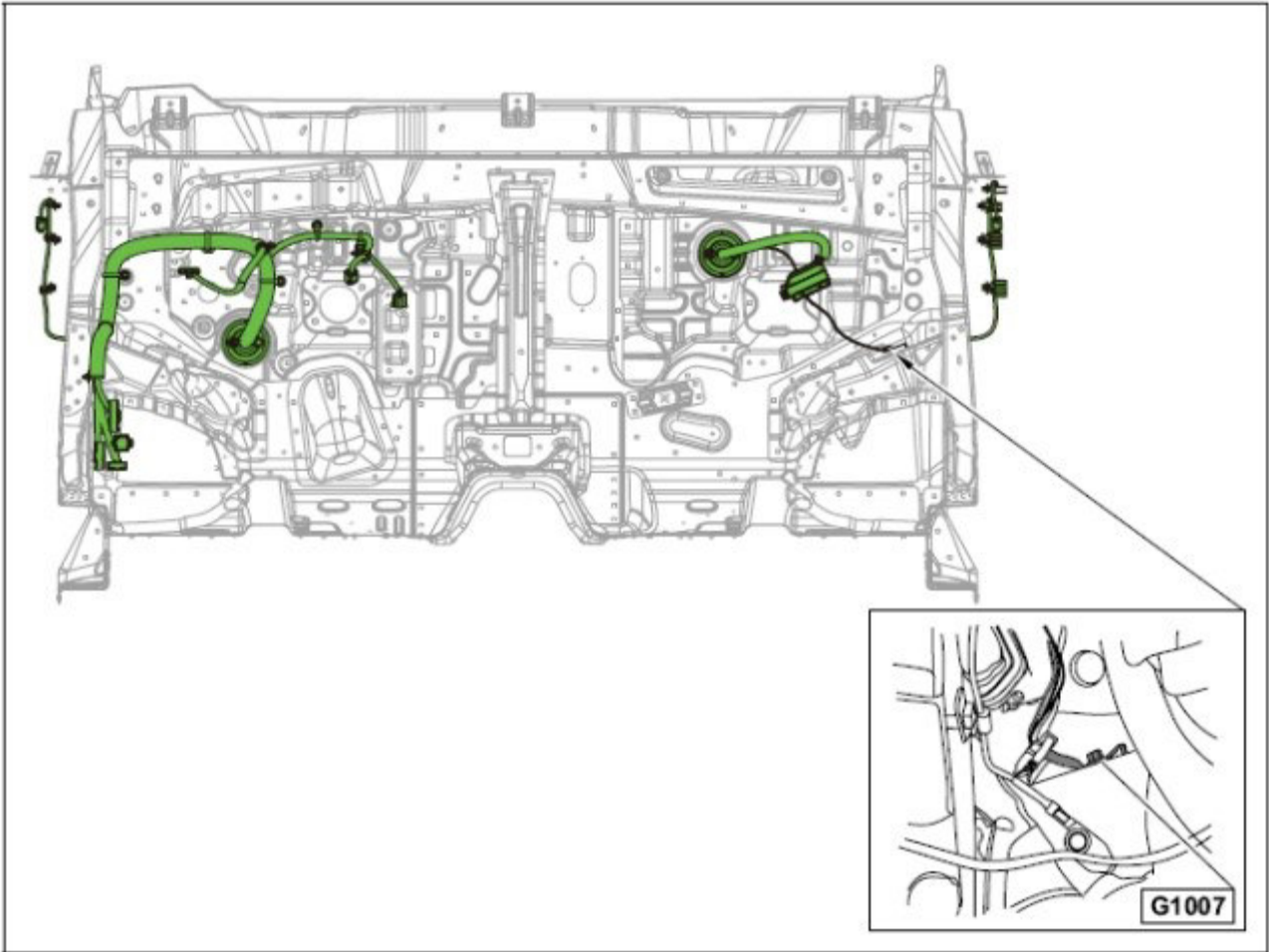


Function

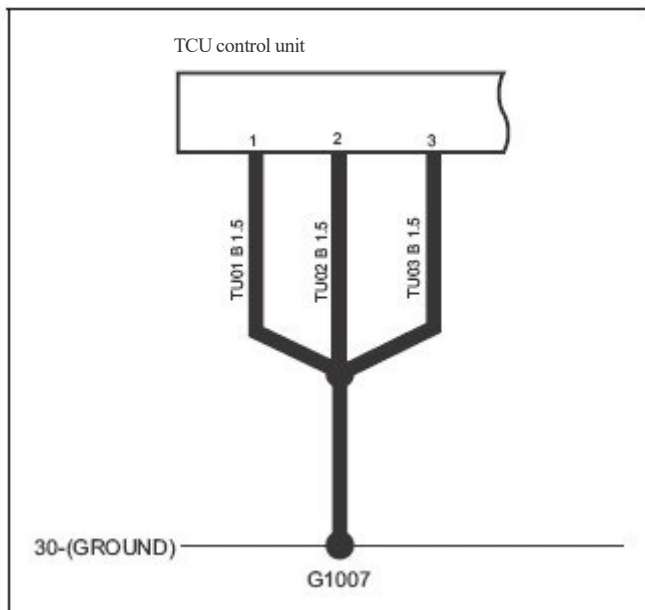


G1007-2.0T

Distribution

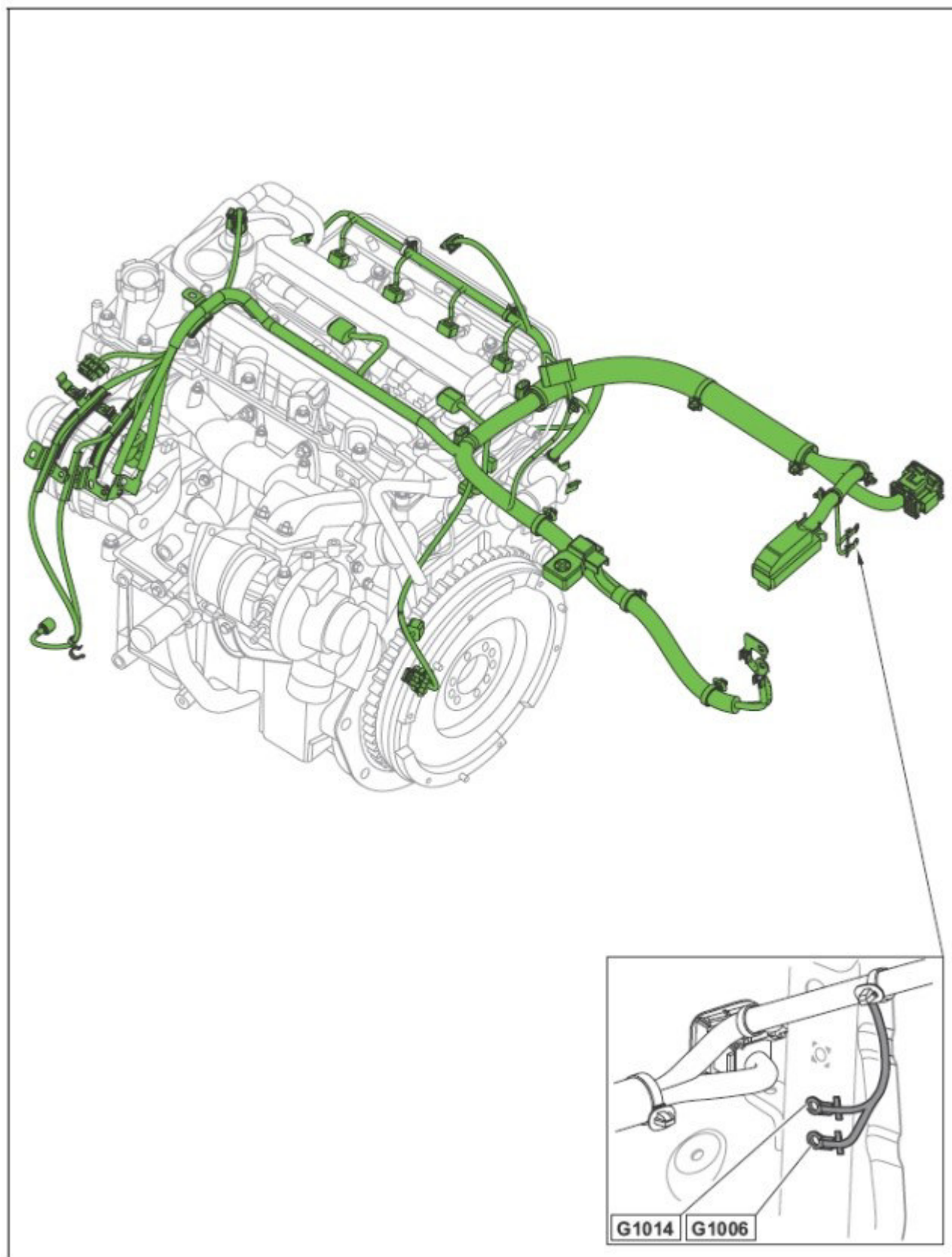


Function

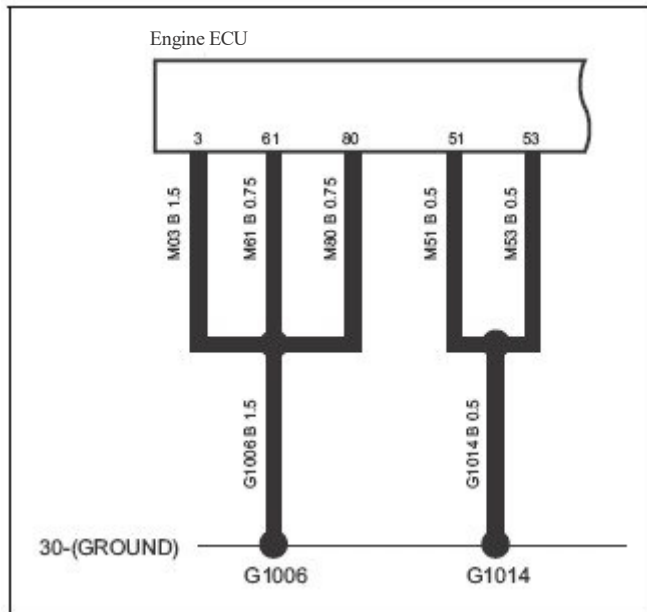


G1006G1014

Distribution

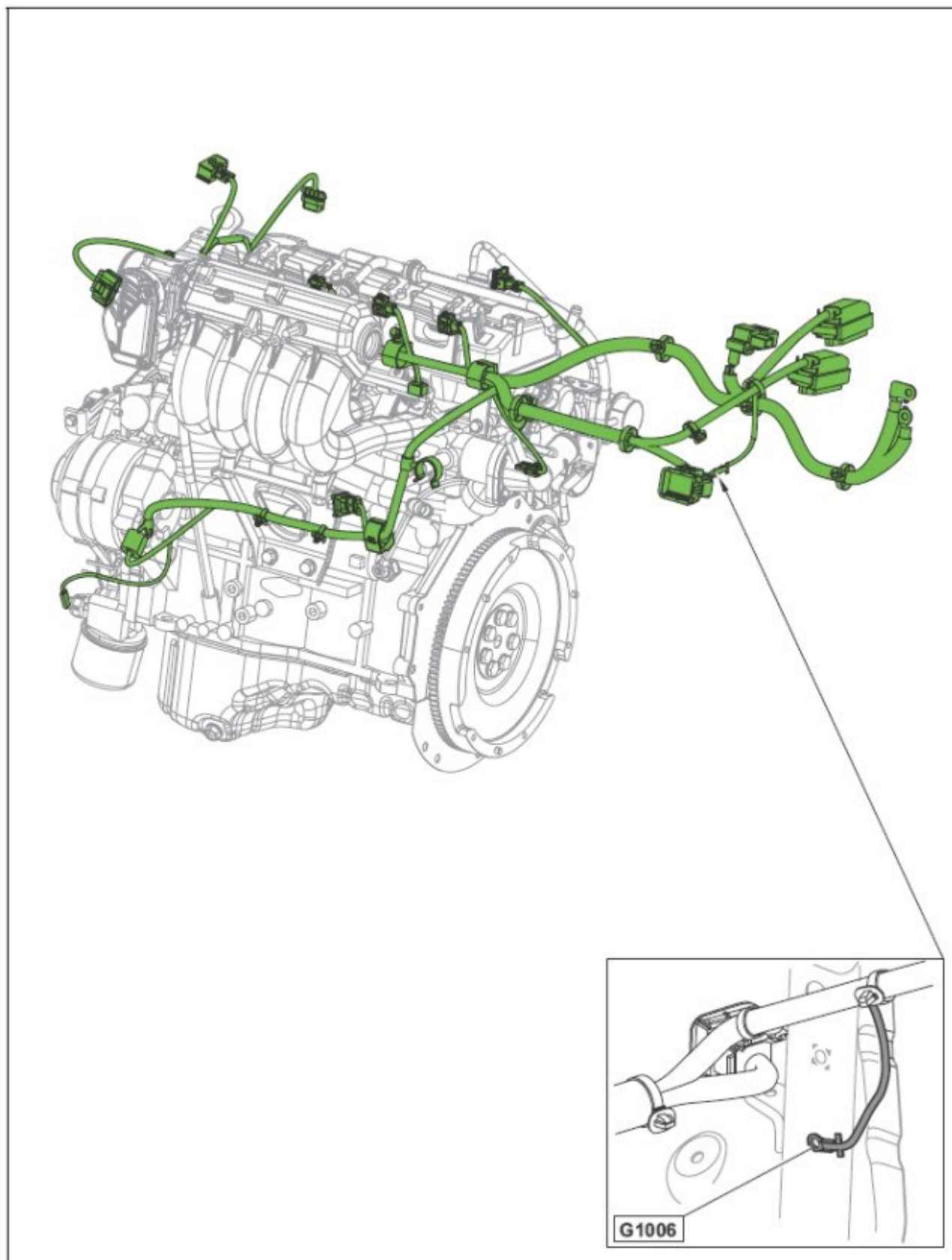


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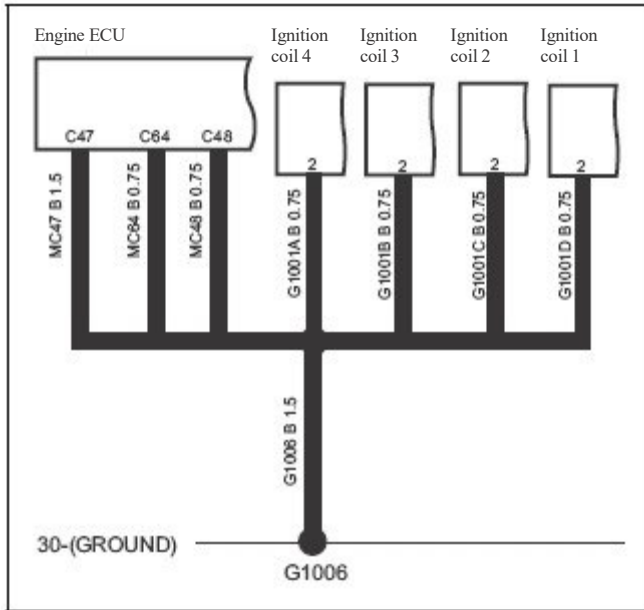


G1006-2.0T

Distribution



Function

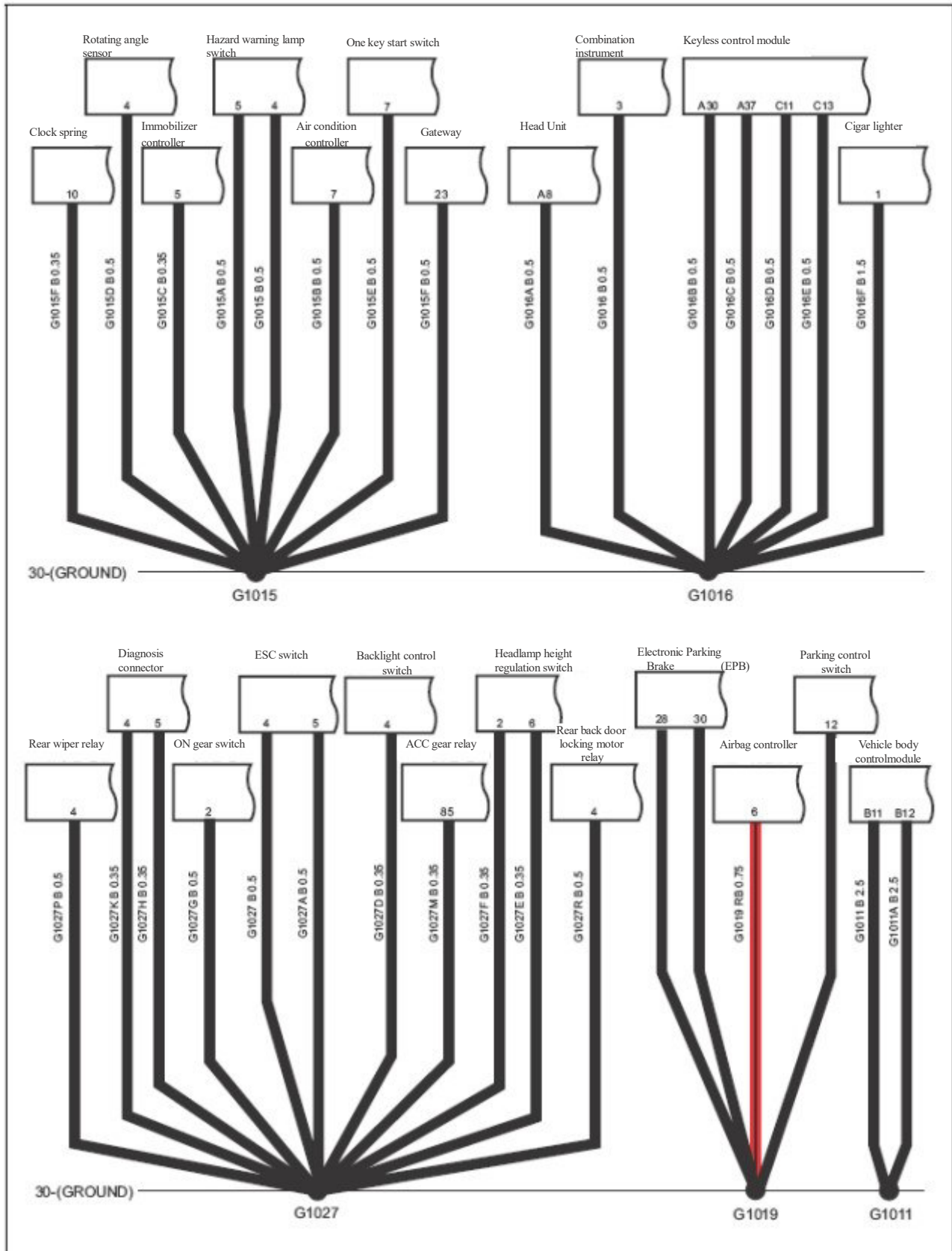


G1011G1015G1016G1019G1027

Distribution

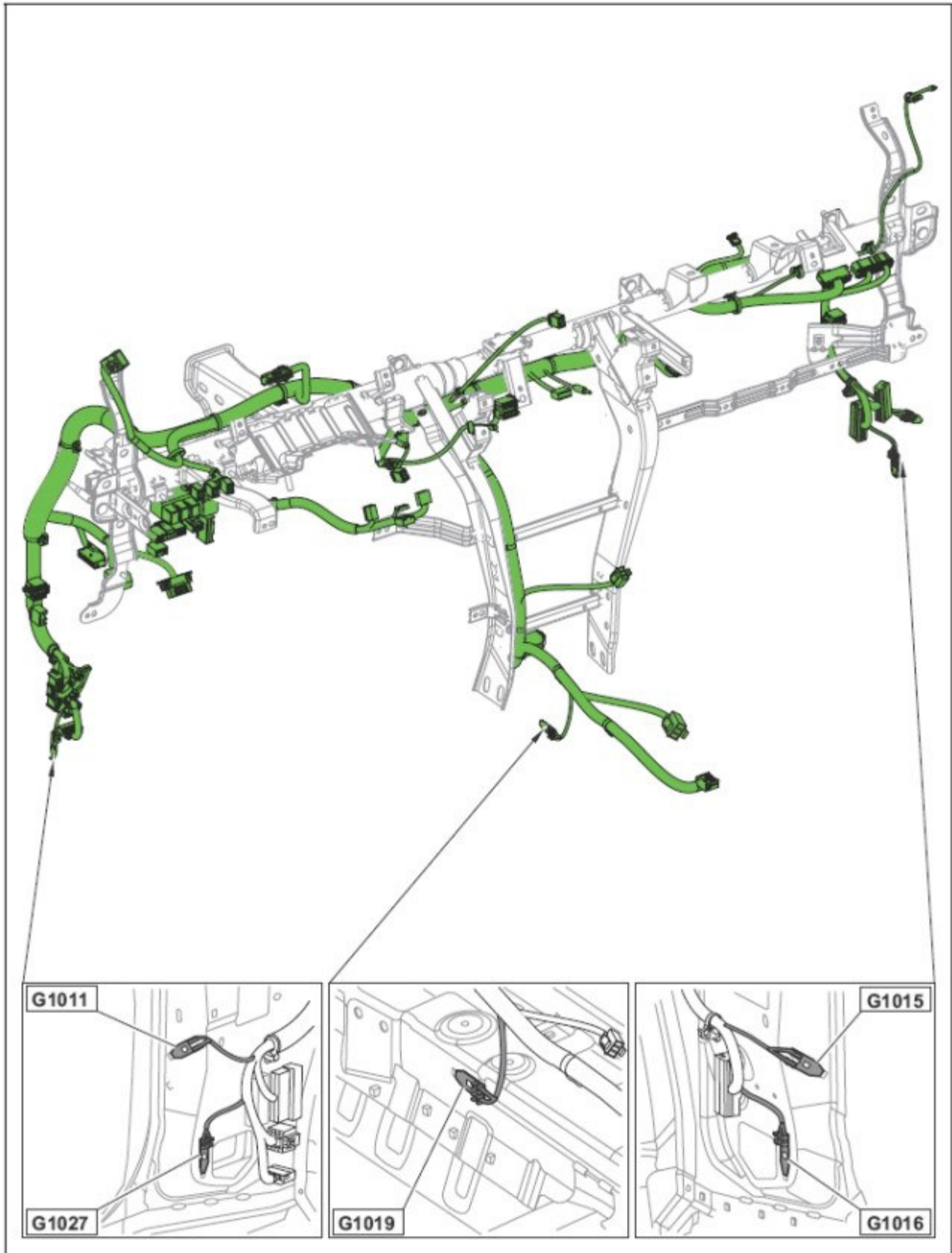


Function

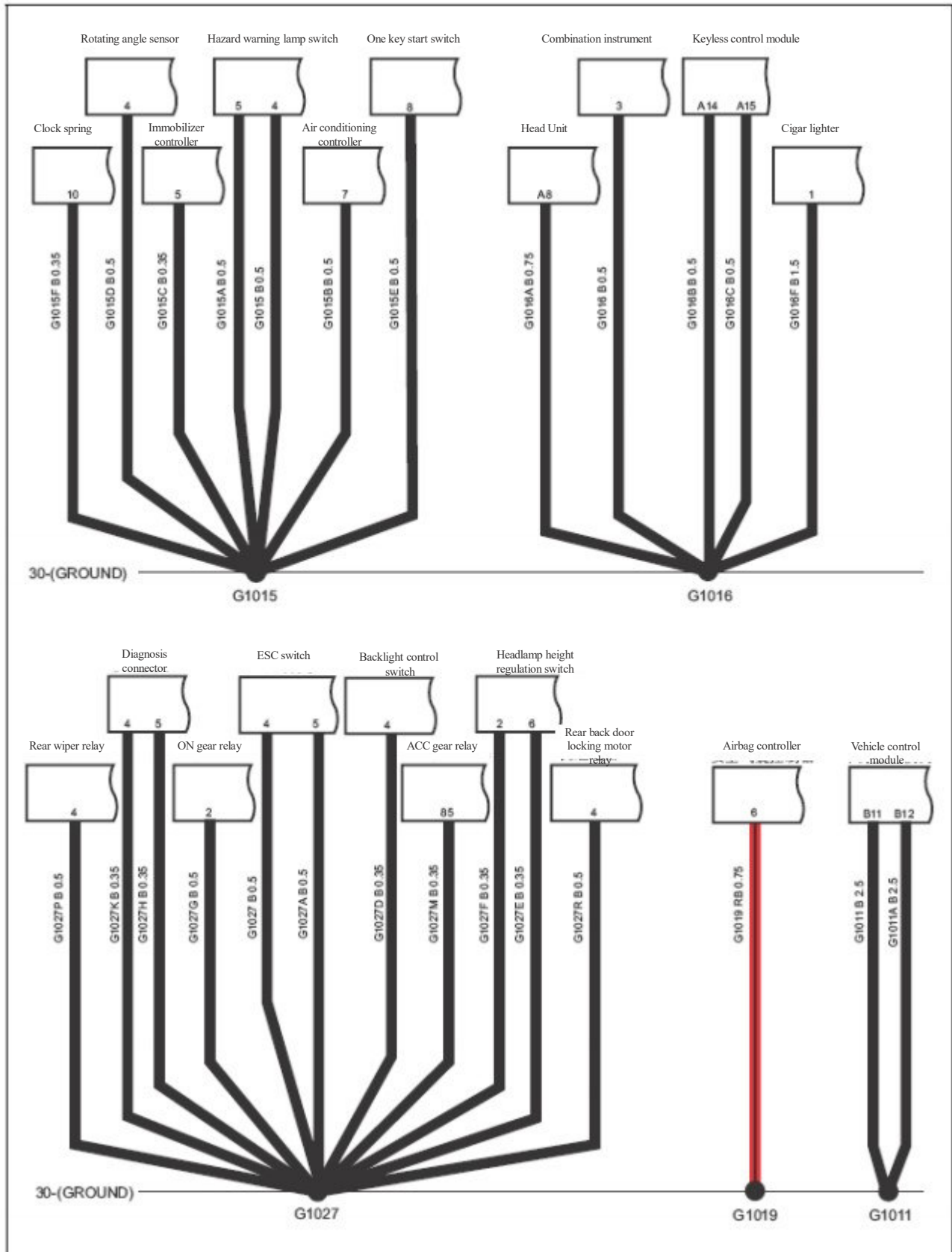


G1011G1015G1016G1019G1027-2.0T

Distribution

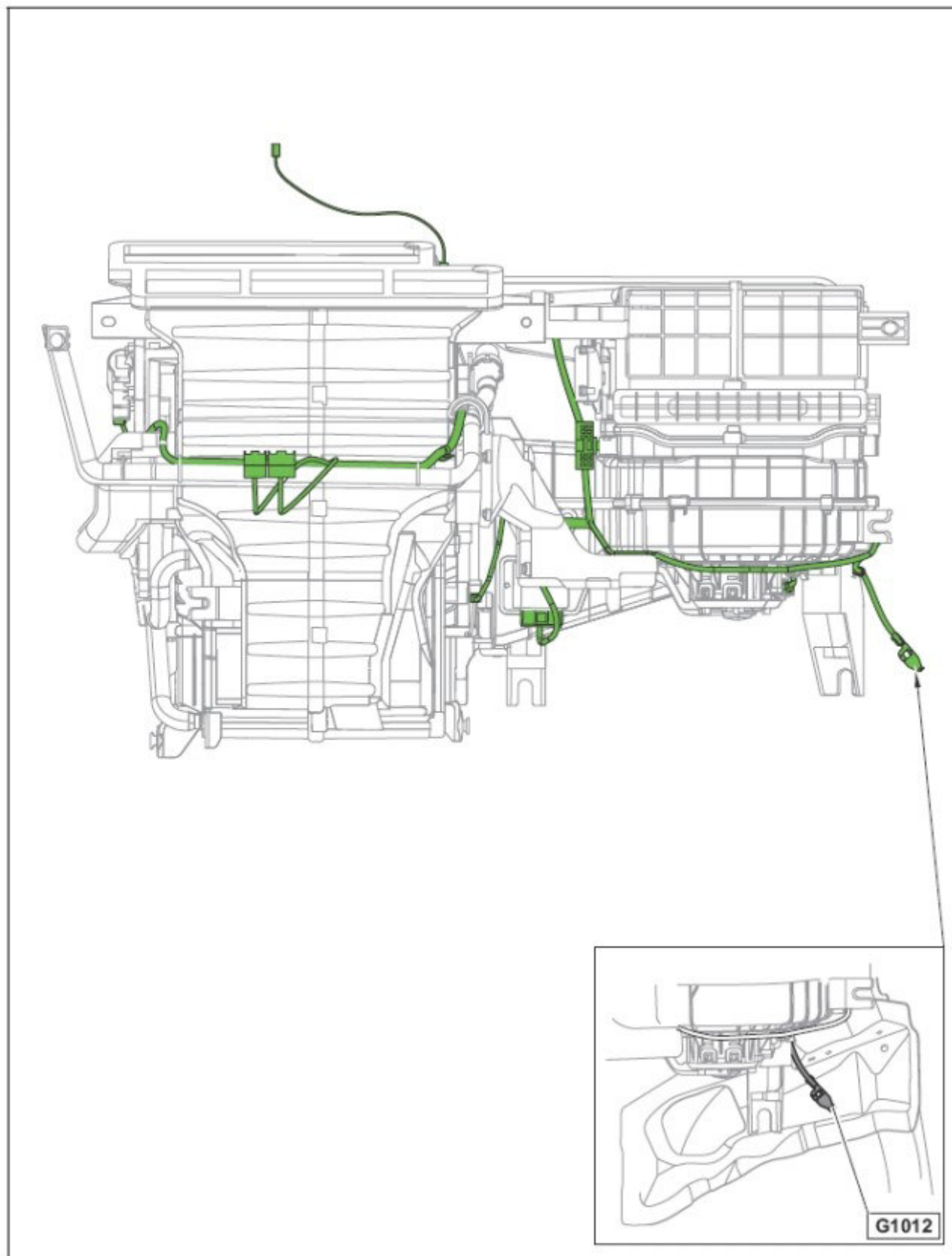


Function

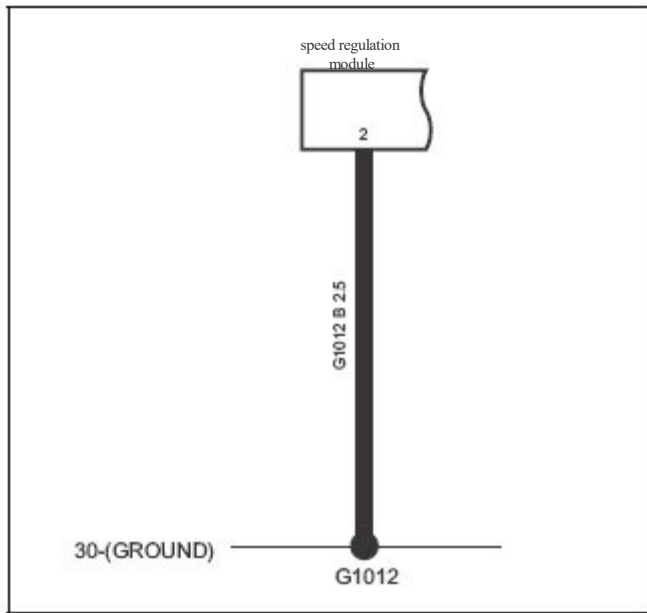


G1012

Distribution

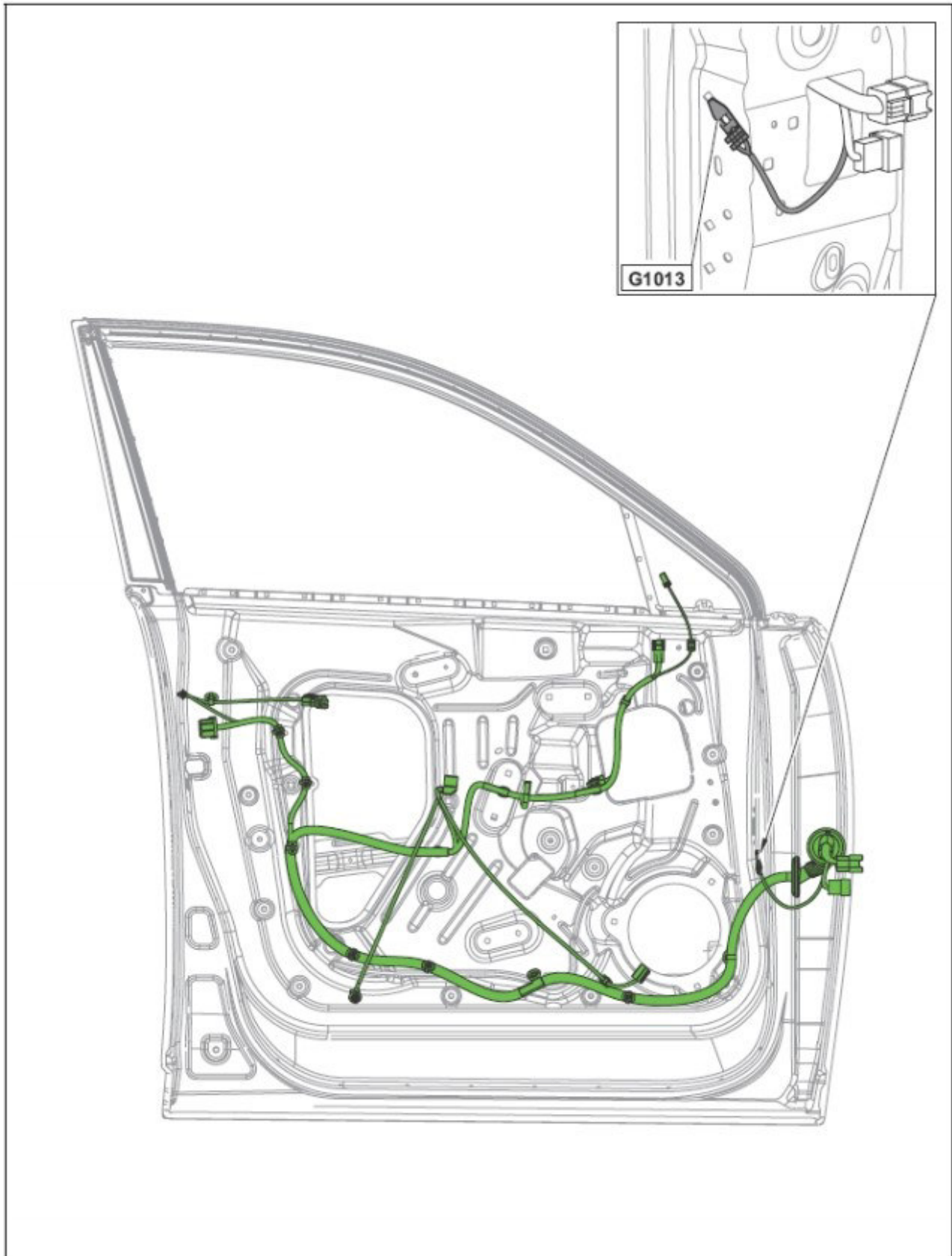


Function

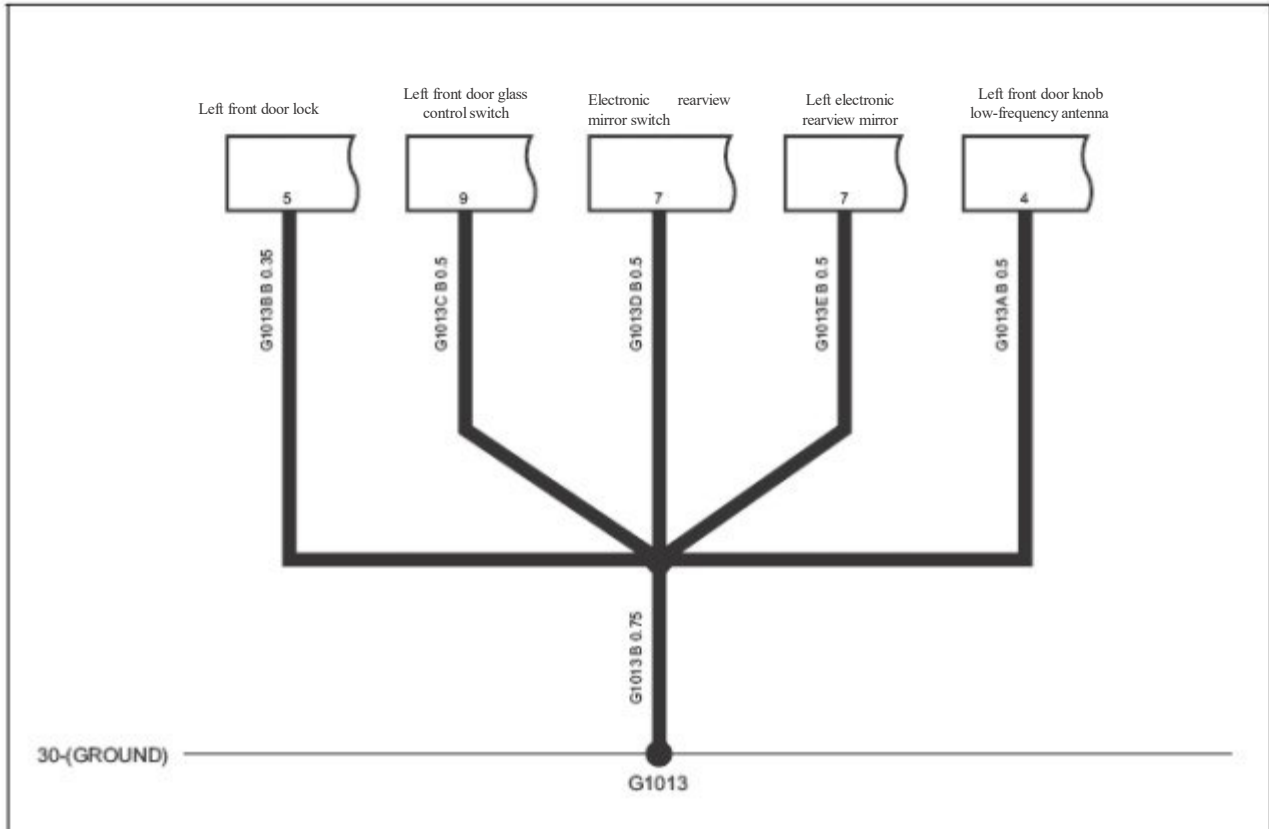


G1013

Distribution

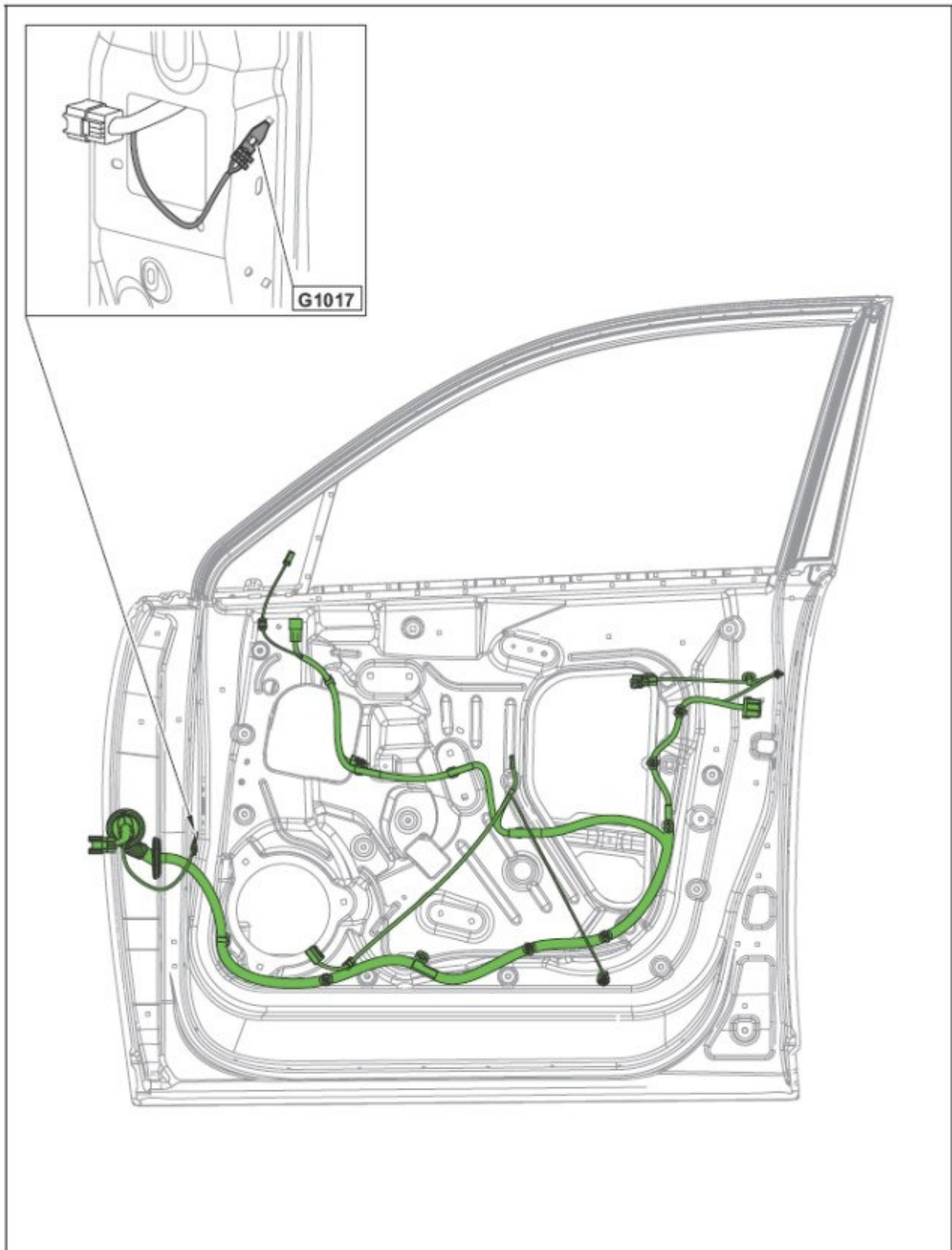


Function

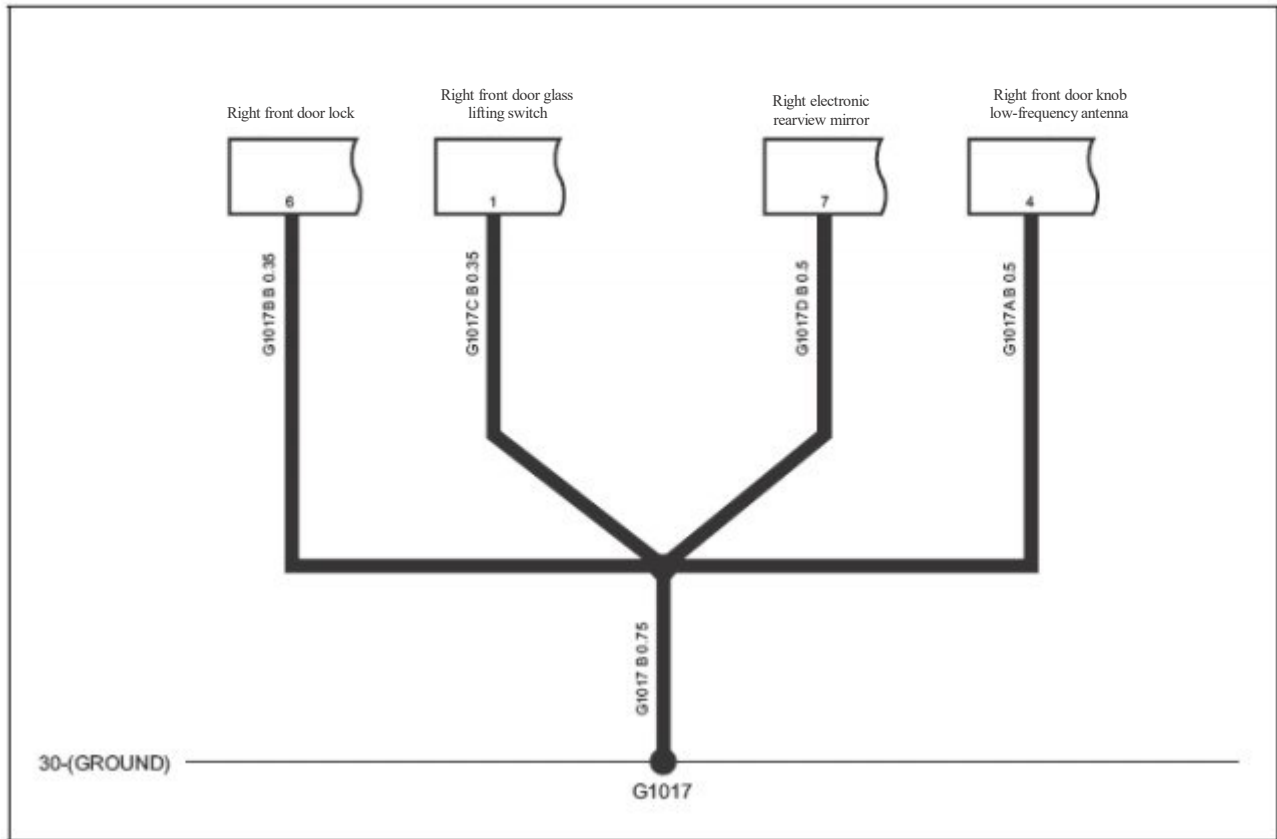


G1017

Distribution

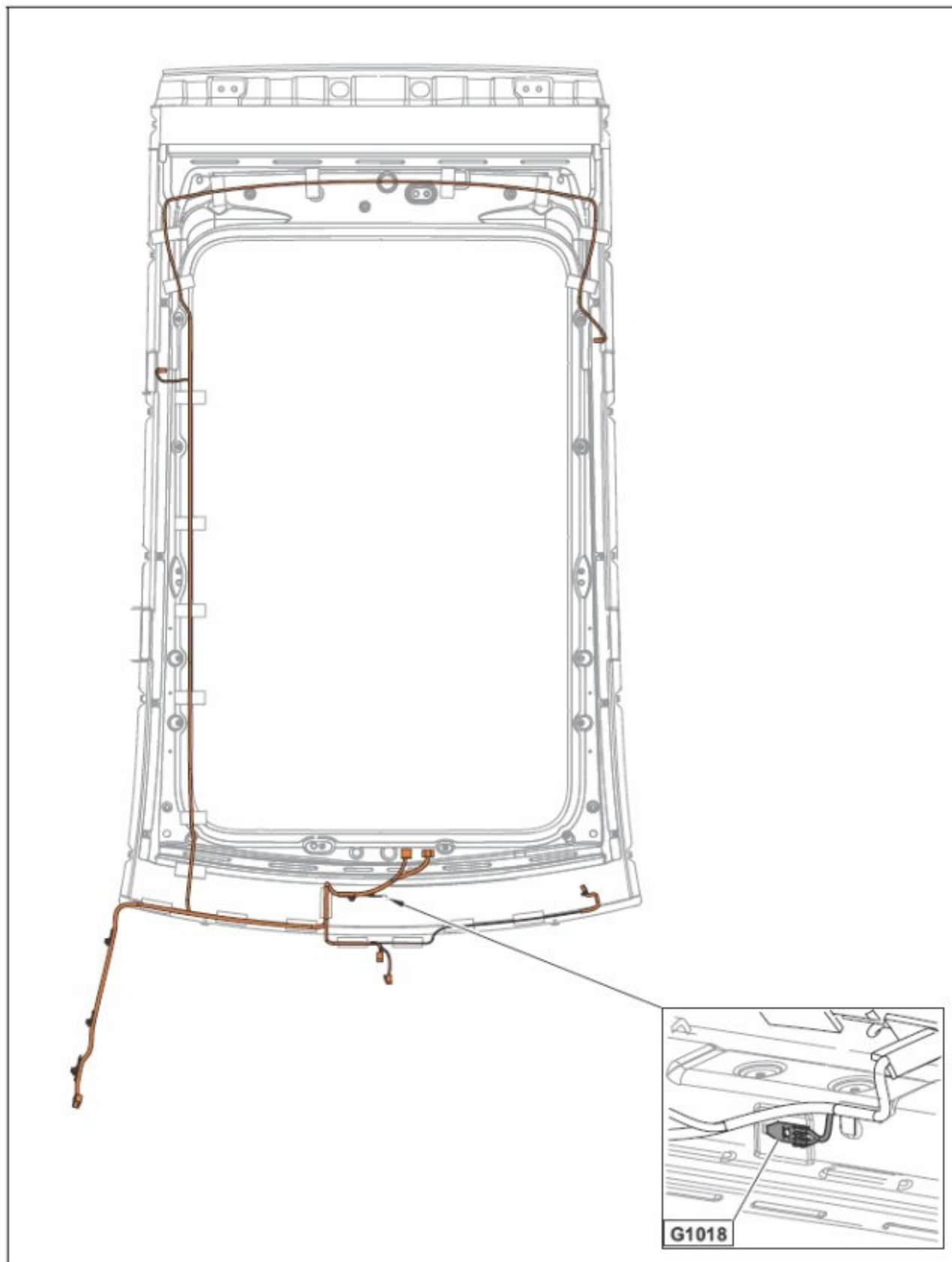


Function

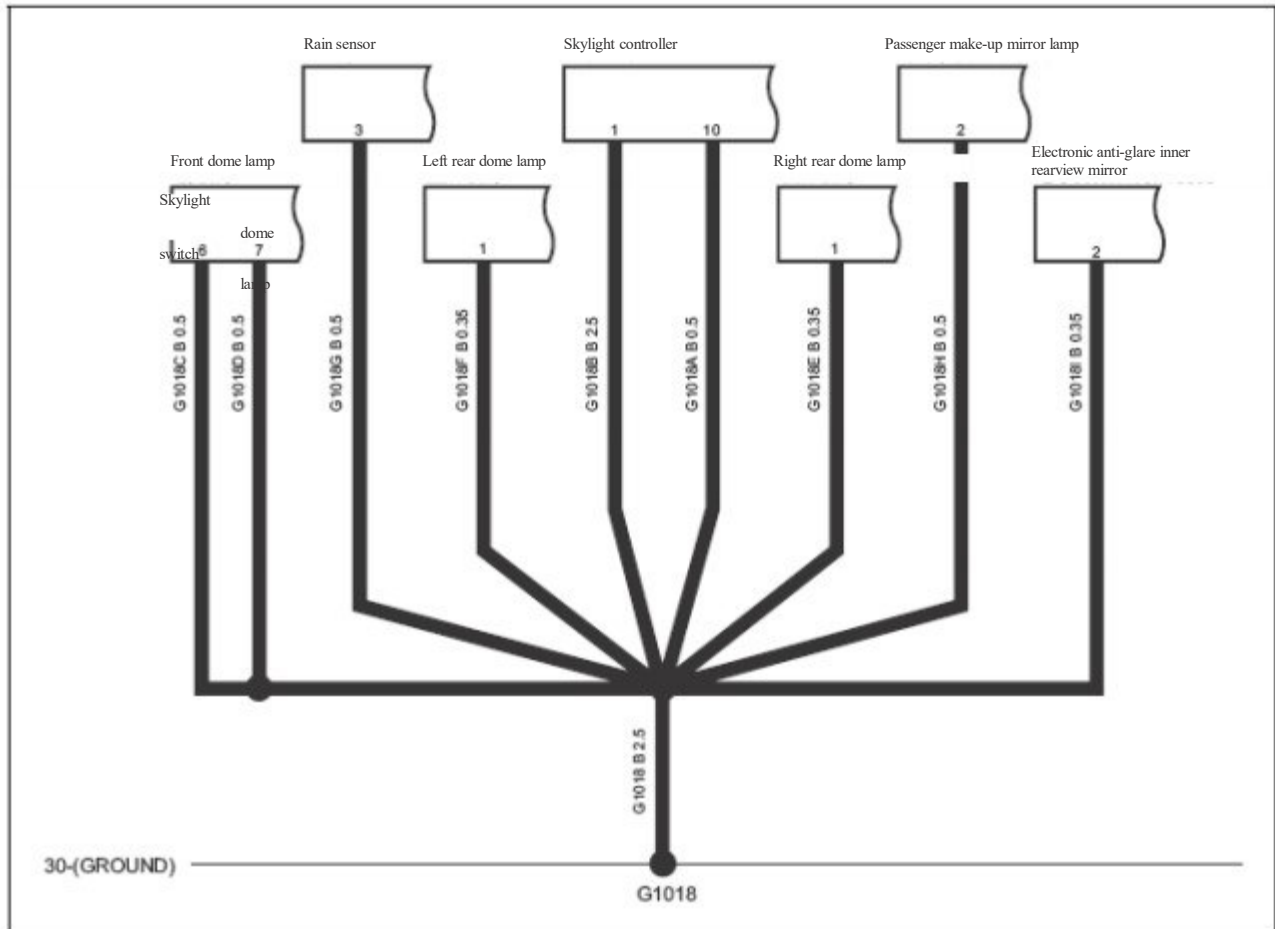


G1018

Distribution

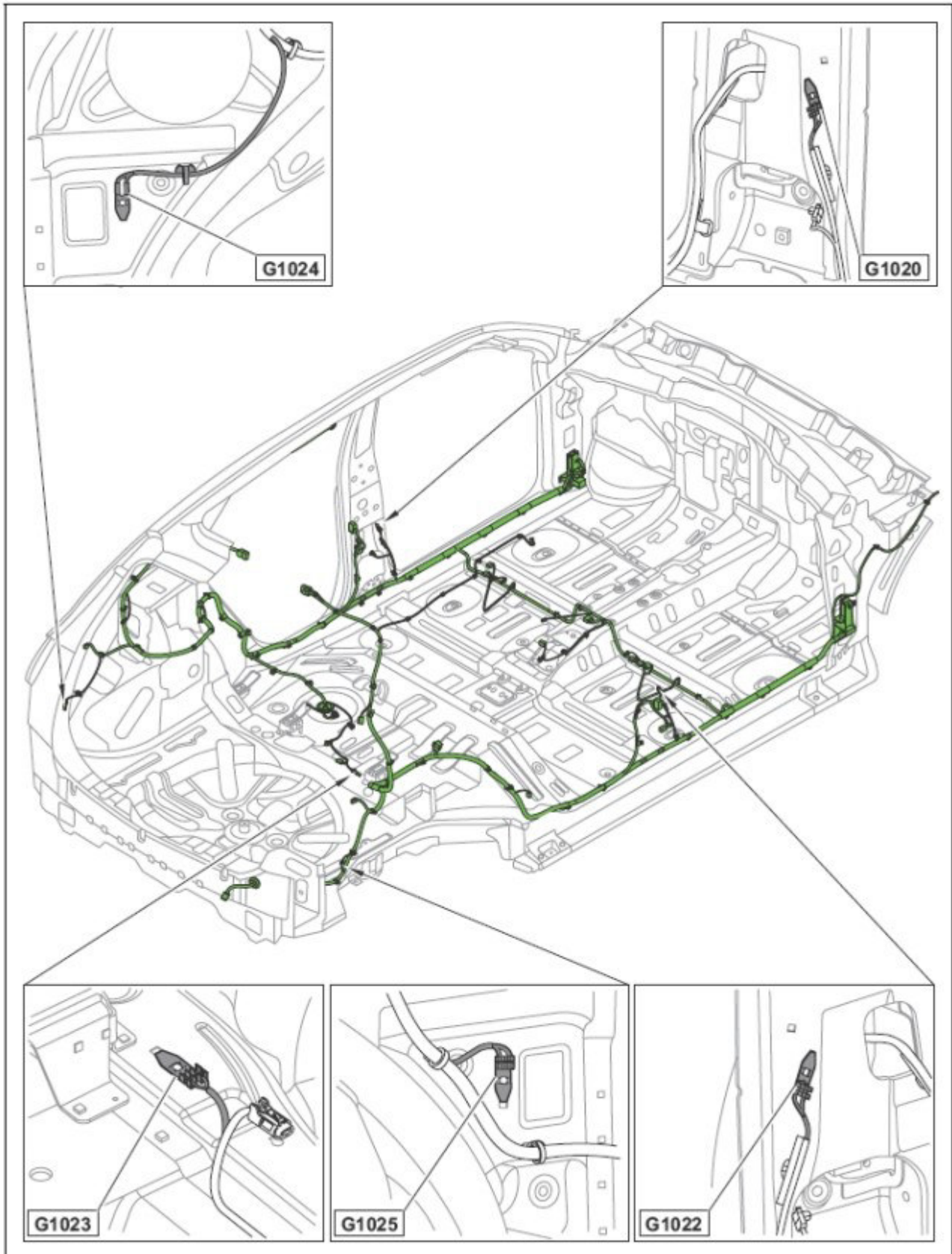


Function

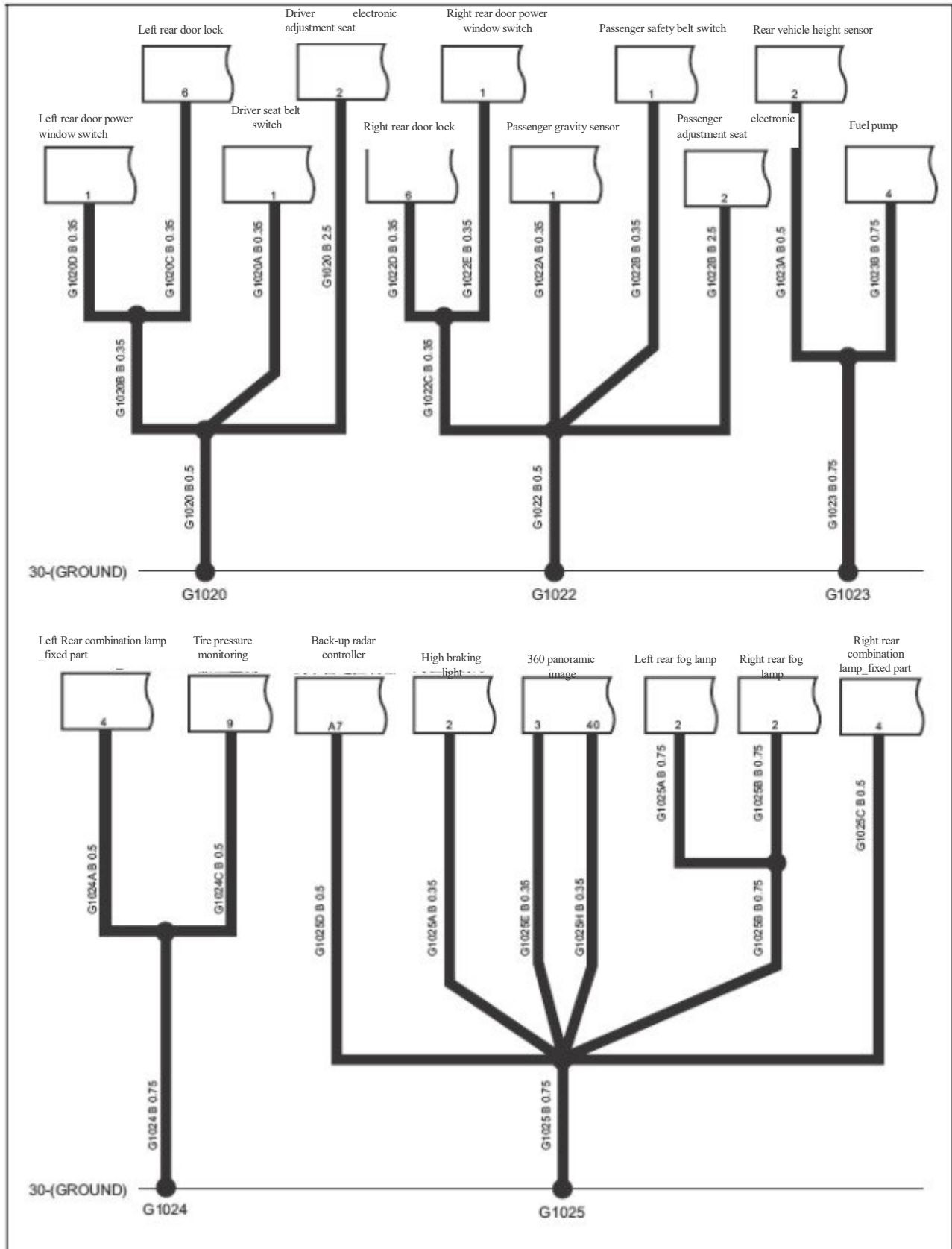


G1020G1022G1023G1024G1025

Distribution

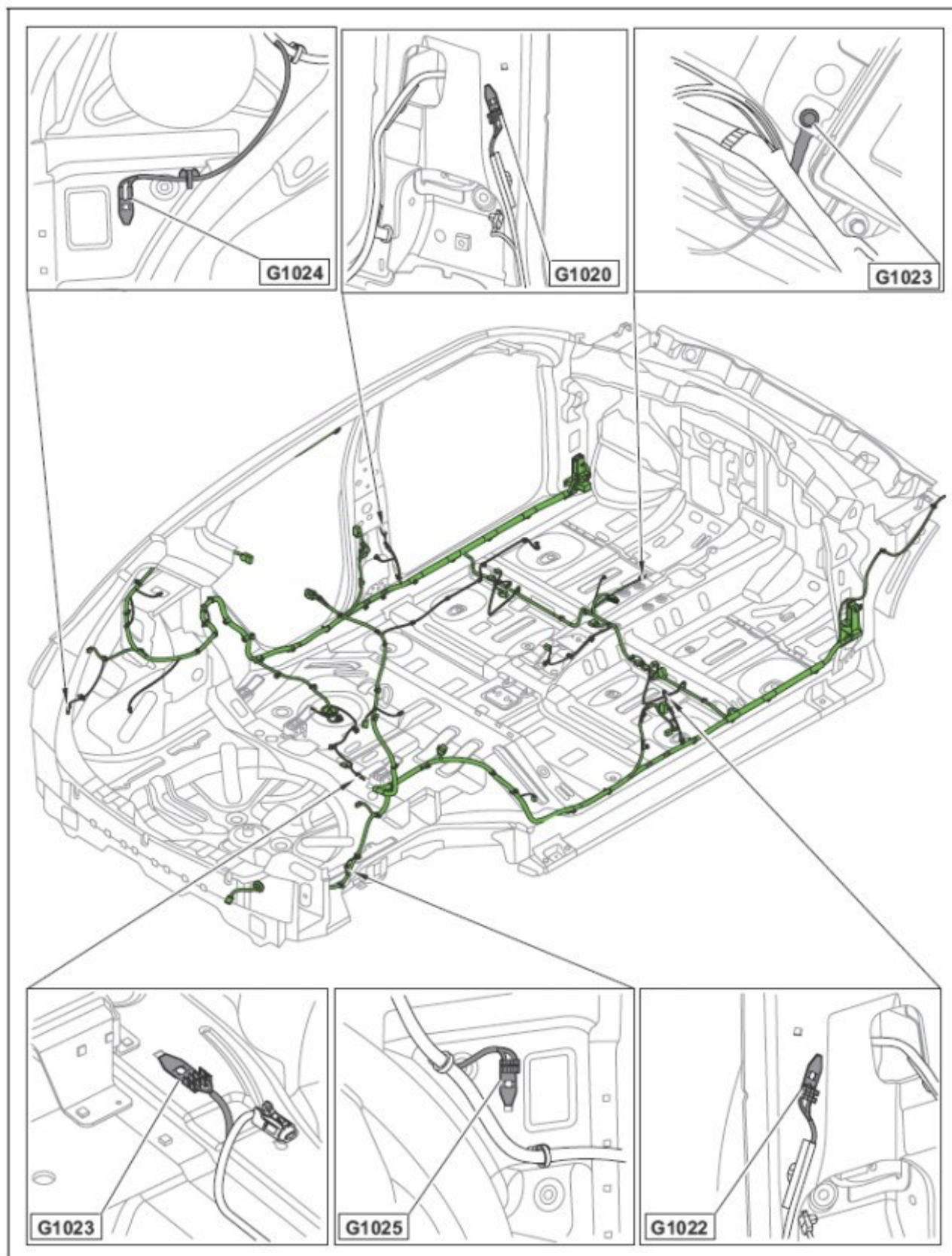


Function

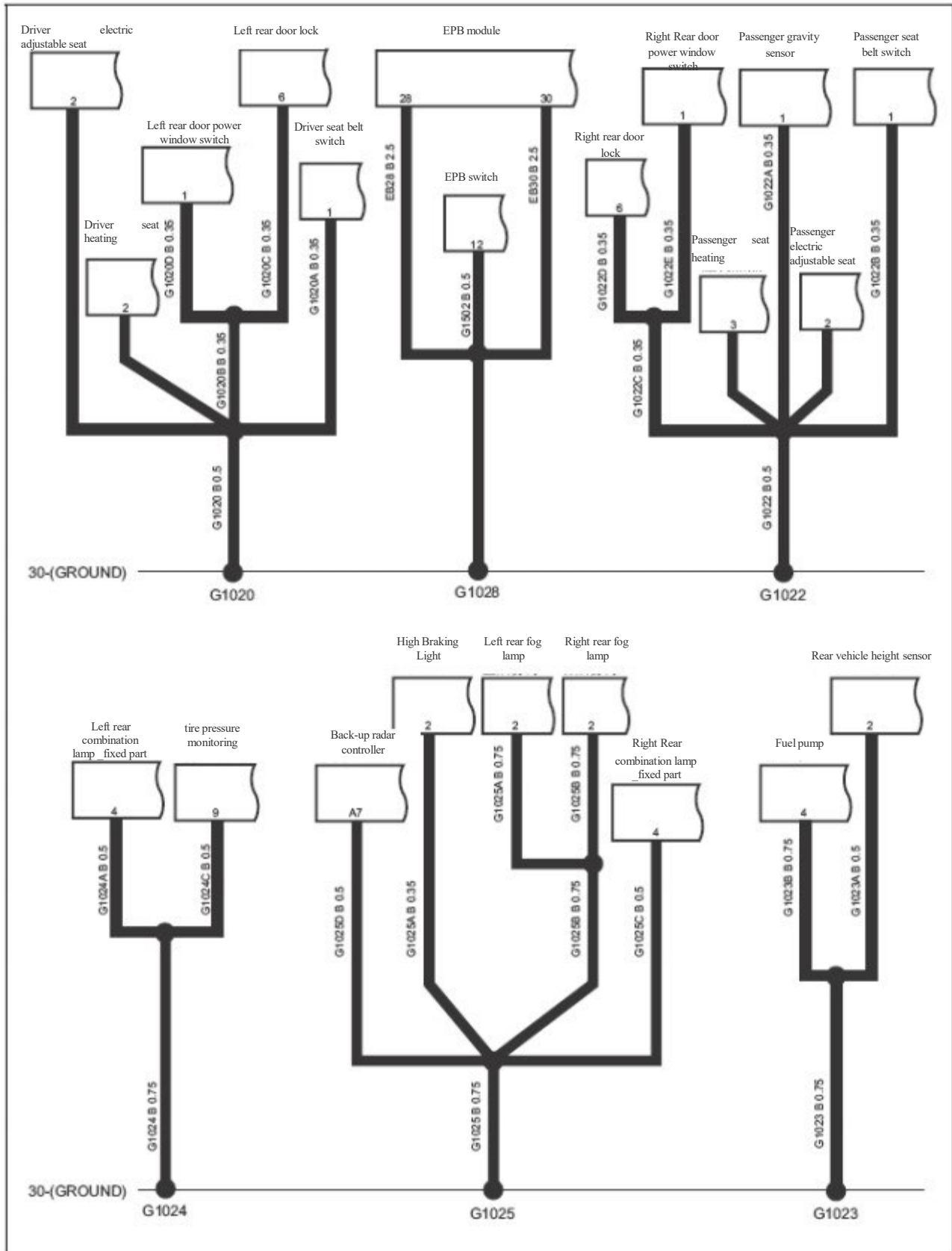


G1020G1022G1023G1024G1025G1028-2.0T

Distribution

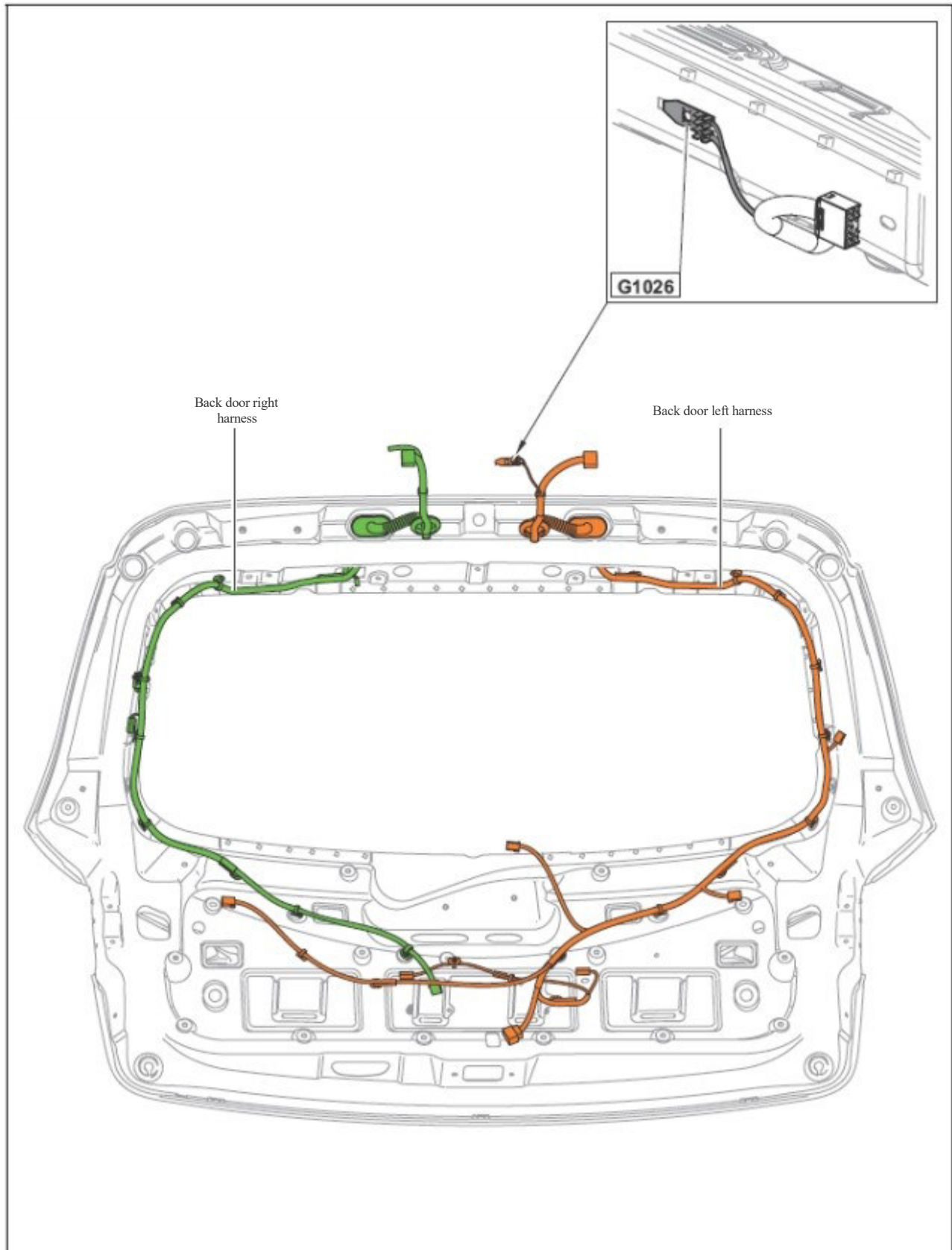


Function



G1026

Distribution



Function

