

راهنمای آموزشی

برق و الکترونیک جیلی GC6



2015 Geely GC6 Circuit Diagram Manual

This circuit diagram manual provides details of 2015 SC6 model circuit.

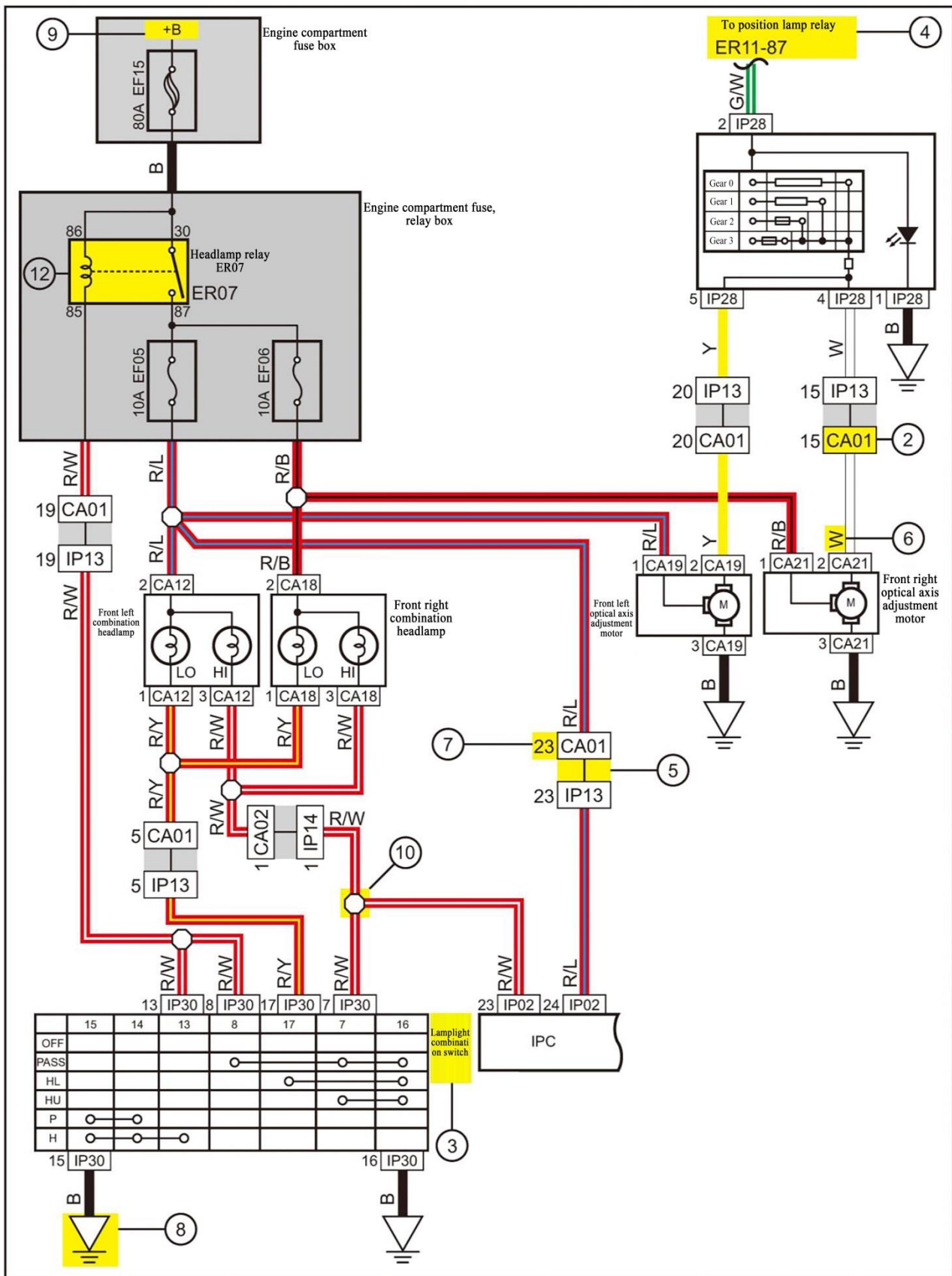
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Information as of the date of November 2015

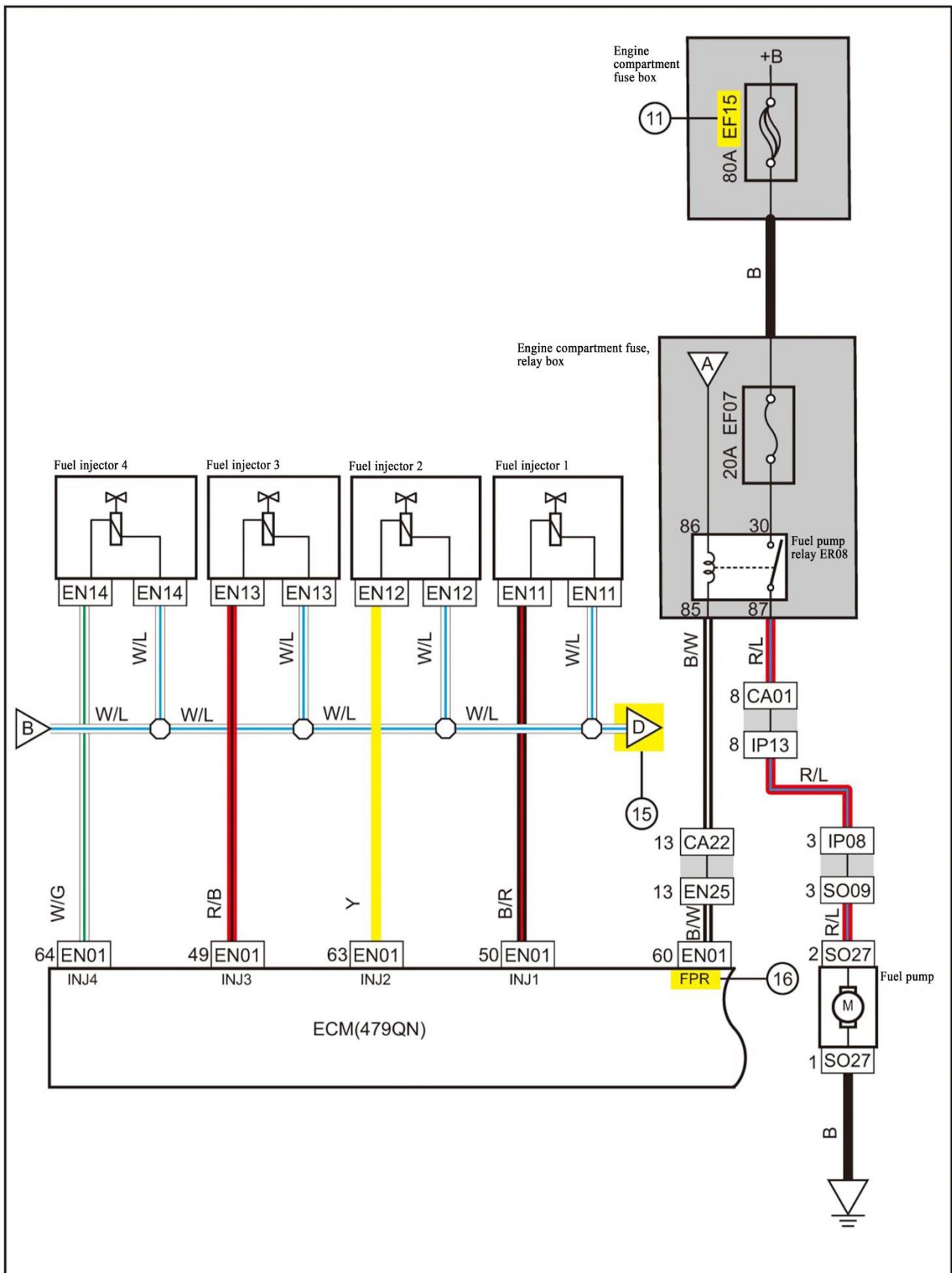
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13.1	Circuit diagram description.....	2
13.2	Mark symbols.....	6
13.3	Diagnosis and maintenance methods description.....	8
13.4	Fuse, relay	14
13.5	Layout of harness and the connector.....	32
13.6	Layout of grounding points.....	80
13.7	Power supply configuration	91
13.8	System circuit diagram.....	101
13.9	Abbreviation.....	329

13.1 Circuit diagram description

Headlamp—①





1 System name

2 Harness connector number

The numbering rule of harness connectors in this circuit diagram manual is based on the harness. For example, the number of water temperature sensor harness in engine harness is EN23, in which EN refers to harness code and 23 refers to connector serial number.

Codes indicating harness are shown in the following table:

Definition	Harness name
CA	Engine compartment harness
EN	Engine harness (MR479QN-UAES system)
EO	Engine harness (JLB-4G15-Continental system)
IP	Instrument panel harness
SO	Floor harness
DR	Door harness
RF	Interior lamp (roof) harness

Notes:

- 1 The definition of door harness includes four door harnesses.
- 2 Floor harness includes tail door and parking sensor harness.
- 3 The details of harness connector number refer to harness layout diagram.

3 Part name

4 Display the system information related to the circuit connection.

5 The connection between plugs shall be indicated with fine solid line and covered with grey shade so as to differ from the physical harness. The physical harness shall be indicated with heavy solid line, of which the color is the same with that of actual wire.

6 Display the wire color. The color codes are shown in the following table:

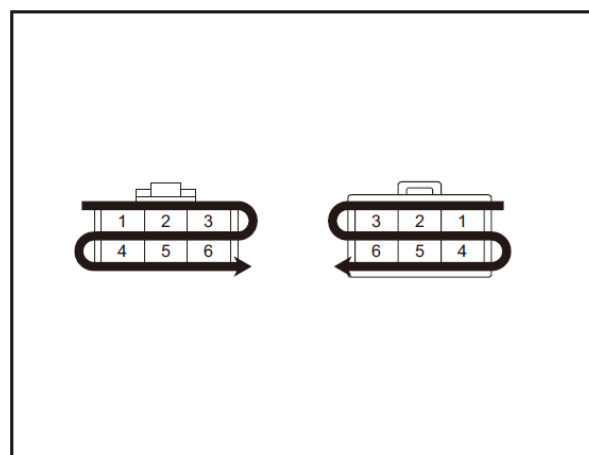
Color code	Wire color	Illustration
B	Black	
Gr	Grey	
Br	Brown	

L	Blue	
G	Green	
R	Red	
Y	Yellow	
O	Orange	
W	White	
V	Violet	
P	Pink	
Lg	Light green	

If the wire is a two-color wire, the first letter indicates the base color of wire and the second letter indicates the stripe color, and they are separated with "/".

For example, the wire marked as G/B refers to green base and black stripe.

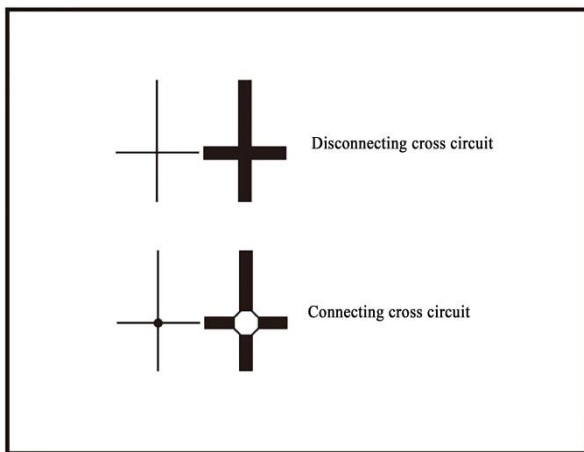
7 Display the terminal numbers of socket connectors. Note that the terminal sequences of harness connectors which are connected with each other are of mirror image, as shown in the following figure:



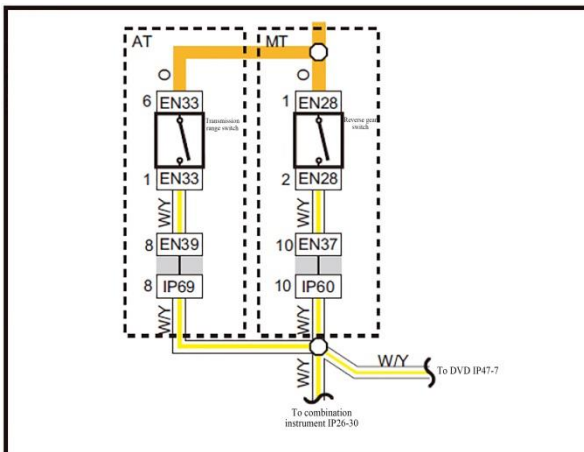
8 Number of grounding point. All the grounding points are indicated with the letter of G. Refer to the grounding point layout for details of grounding point positions.

9 Power supply type supplying on the fuse.

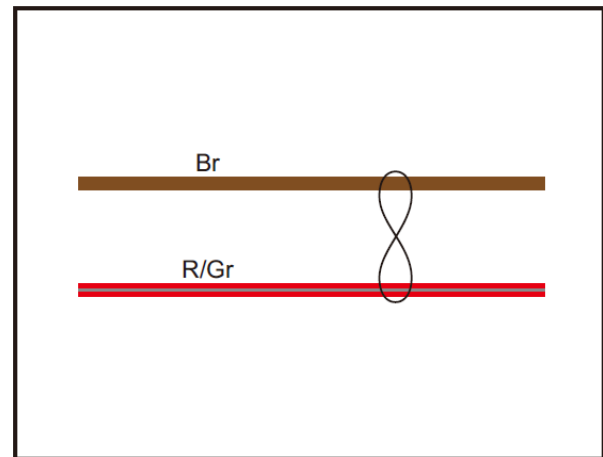
10 Wire contact point.



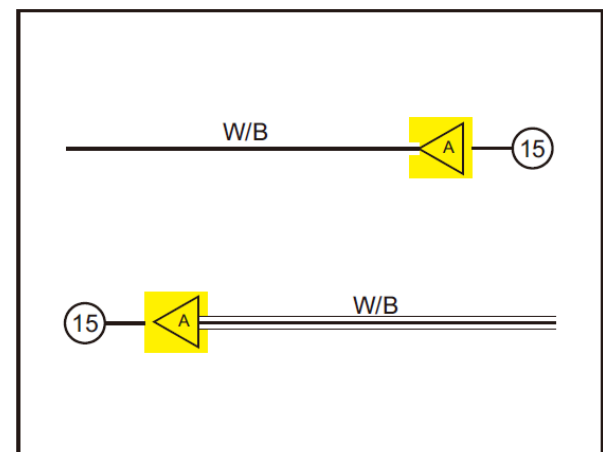
- 11 The fuse number consists of fuse code and serial number. The fuse code in engine compartment is EF, SF and PF, and indoor fuse code is IF. Refer to the fuse list for details of the fuse number.
- 12 The relay number is indicated with a single English letter. Refer to the relay list for details.
- 13 If the circuit diagram designs differ due to different vehicle model, engine type or configurations, indicate with a dashed line in the circuit diagram and describe besides the line.



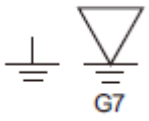
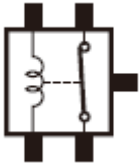
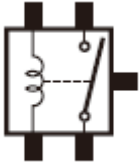
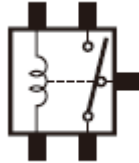
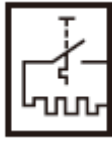
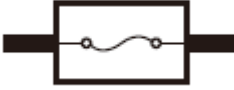
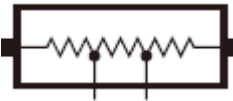
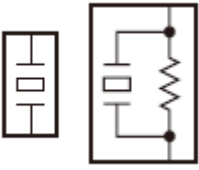
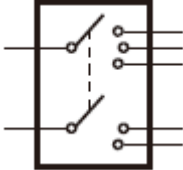
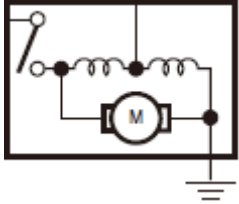
- 14 If an 8-shaped mark is used between circuit lines and lines, it indicates that this circuit is twisted pair wire which is mainly used for signal circuit of sensor or data communication circuit.

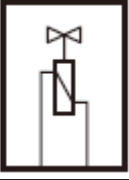
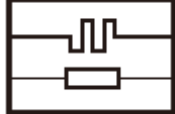
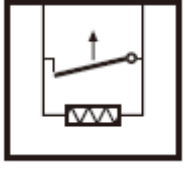
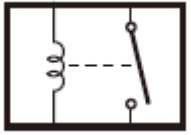
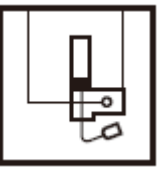
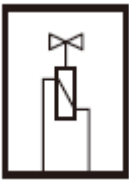


- 15 If the content of a system is so much that its circuit needs to be indicated in many pages. The start point of circuit is indicated with  and the arrival point with . If more than one circuits continue in next page, they will be indicated with letters B, C and so on. And the rest can be be done in the same manner.

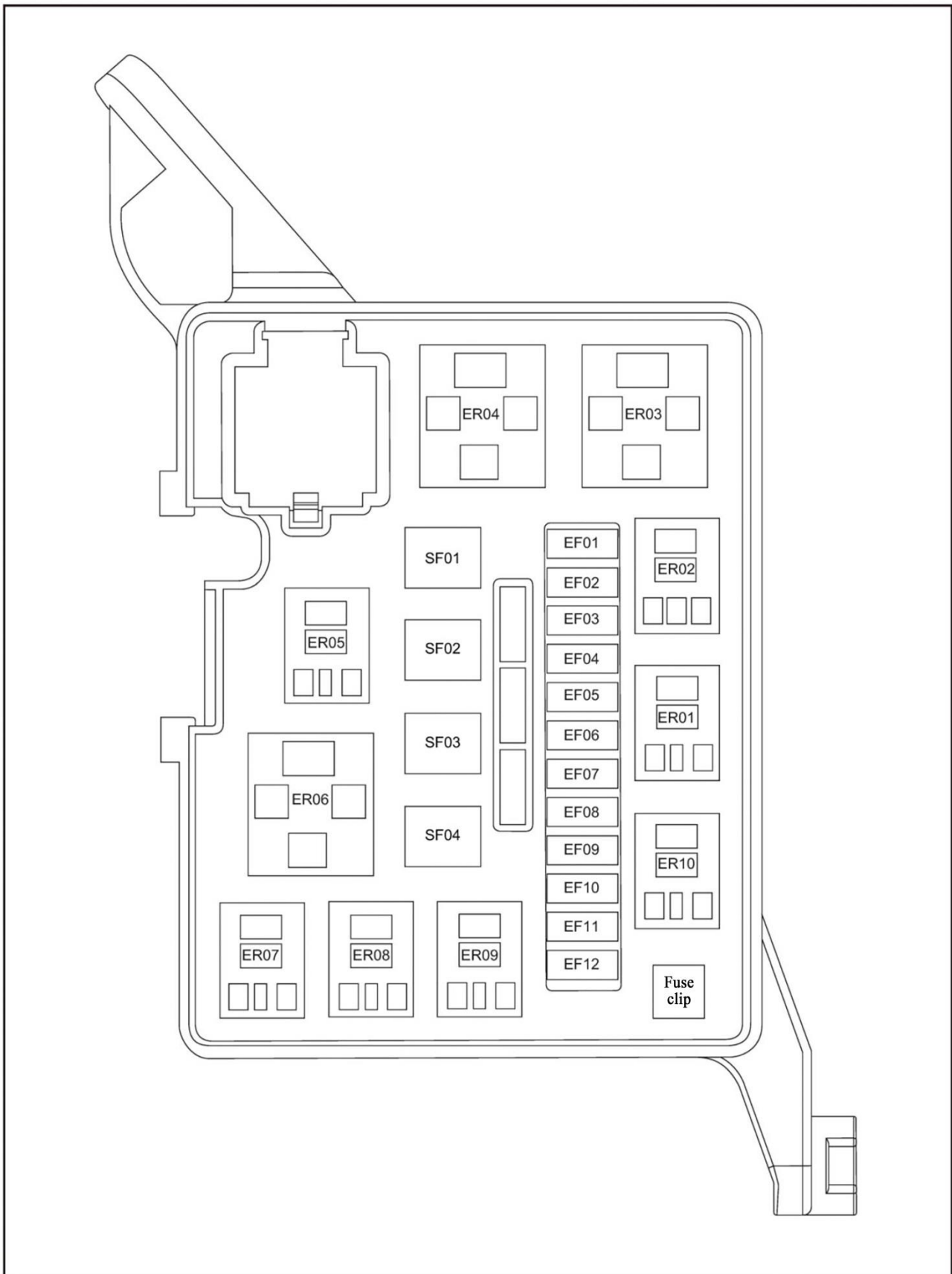


13.2 Mark symbols

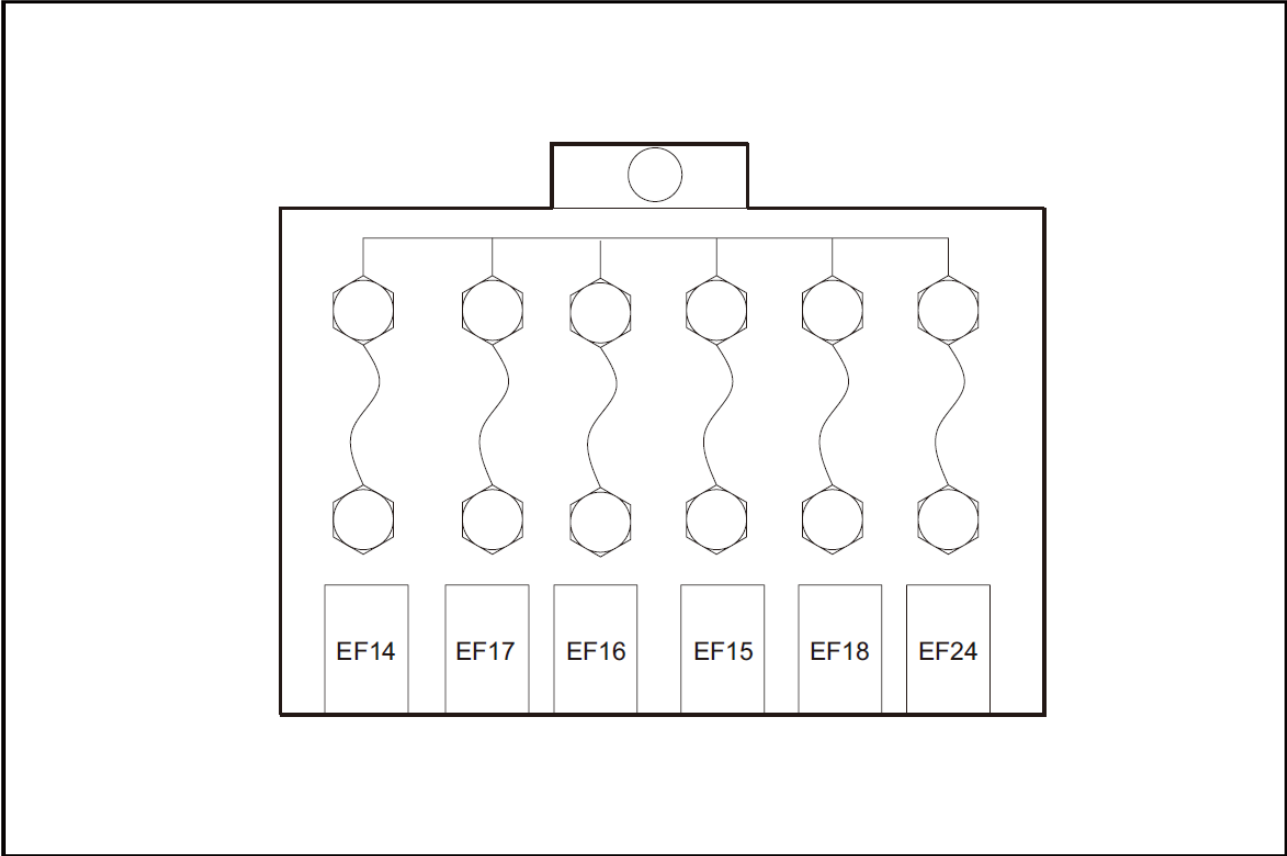
	Grounding		Normally closed relay		Battery
	Temperature sensor		Normally open relay		Capacitor
	Short splicer		SPDT relay		Cigarette lighter
	Solenoid valve		Resistor		Antenna
	Small load fuse		Potentiometer		Normally open switch
	Middle load fuse		Variable resistor		Normally closed switch
	Big load fuse		Ignition coil		SPDT switch
	Heater		Knock sensor		Ignition switch
	Diode		Bulb		Twisted pair
	Photodiode		Circuit direction		Starter

	LED		Horn		Solenoid valve
	Motor		Clock spring		Oxygen sensor
	Limit switch		Airbag		Low speed fan relay B
	Seat belt pretensioner		Disconnecting cross circuit		Connecting cross circuit
	Solenoid valve				

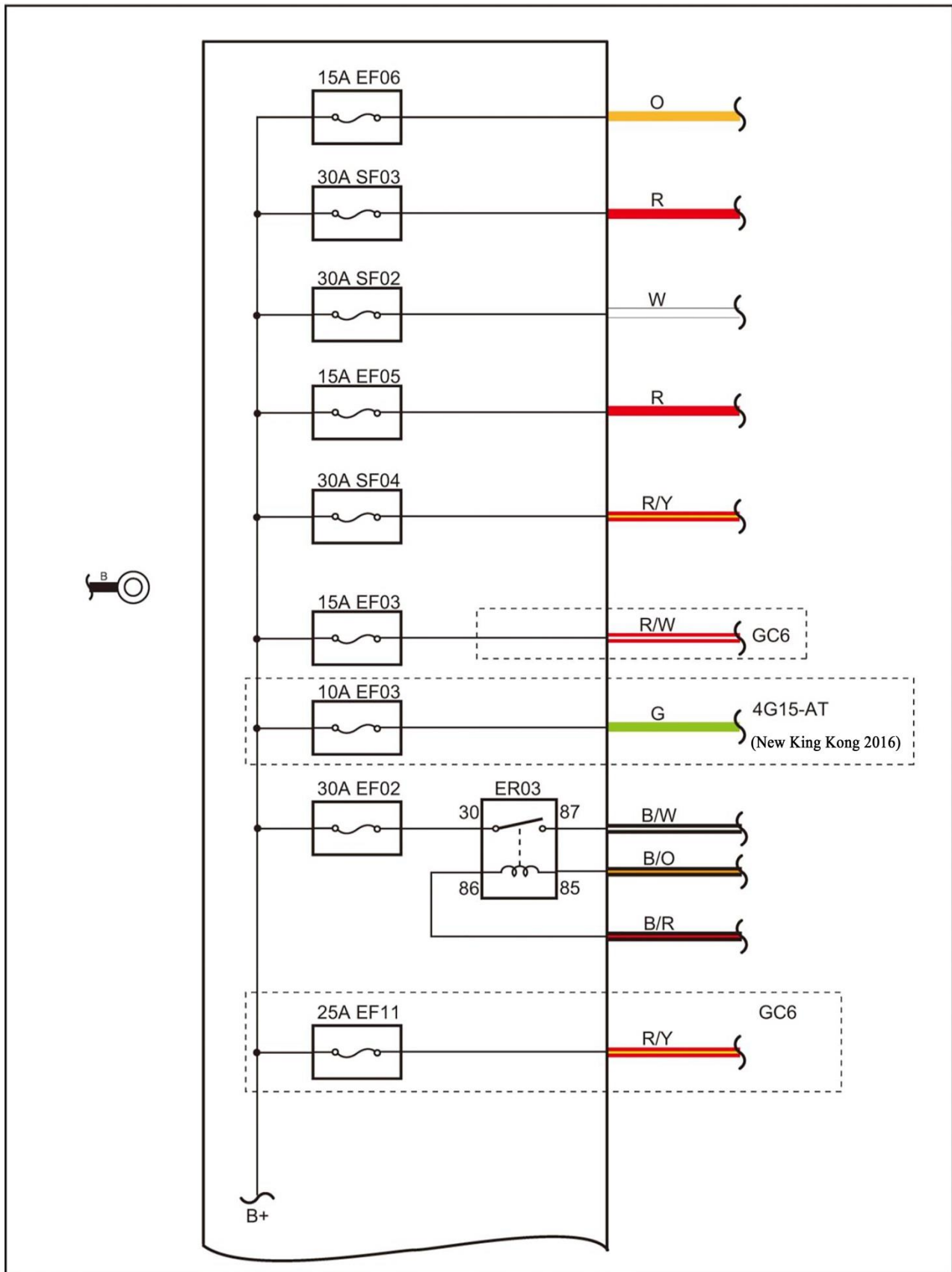
Frontal View of Engine Compartment Fuse, Relay Box (JLB-4G15, MR479QN Oversea, MR479QA)



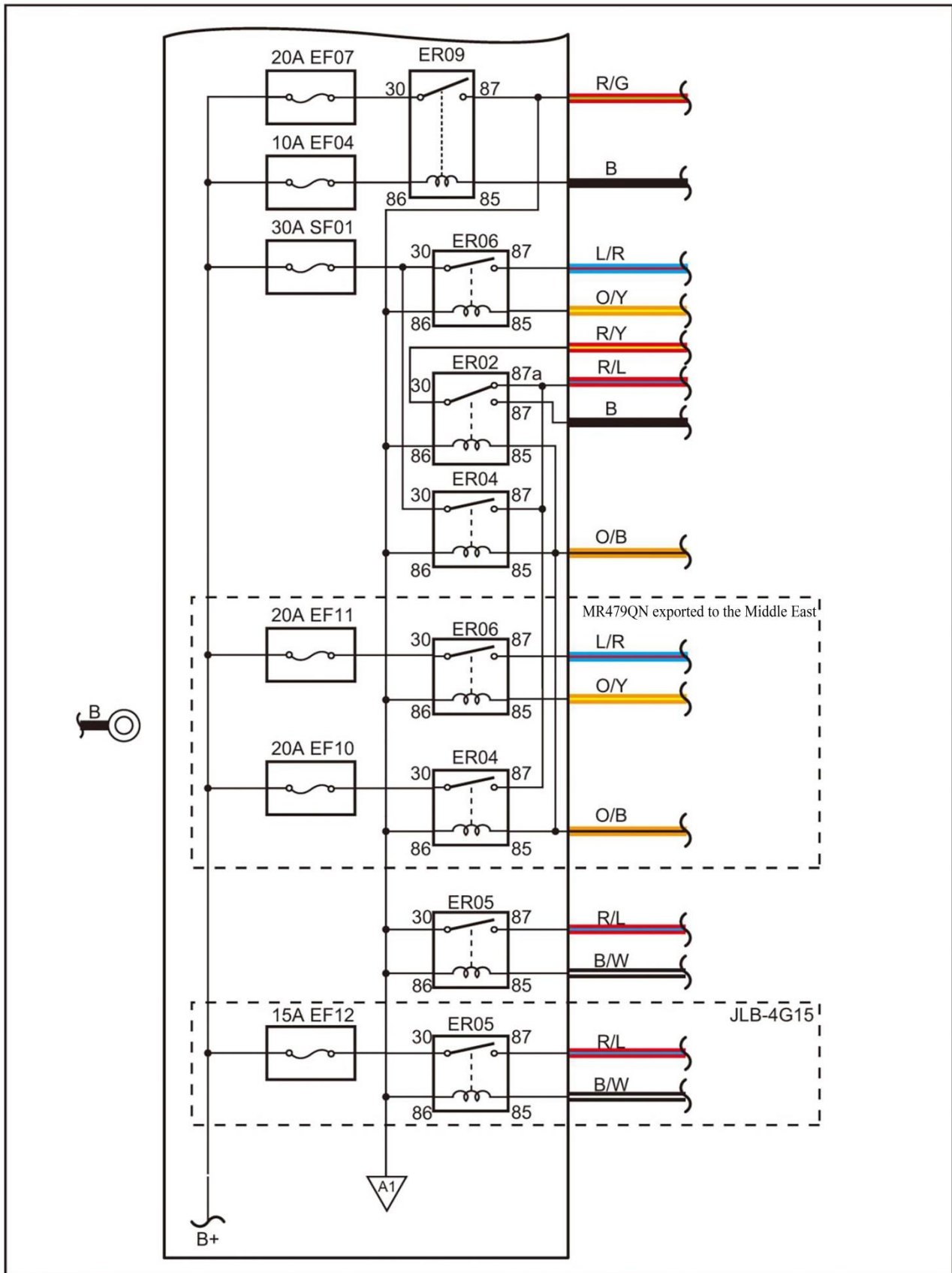
Frontal View of Engine Compartment Fuse (JLB-4G15, MR479QA)



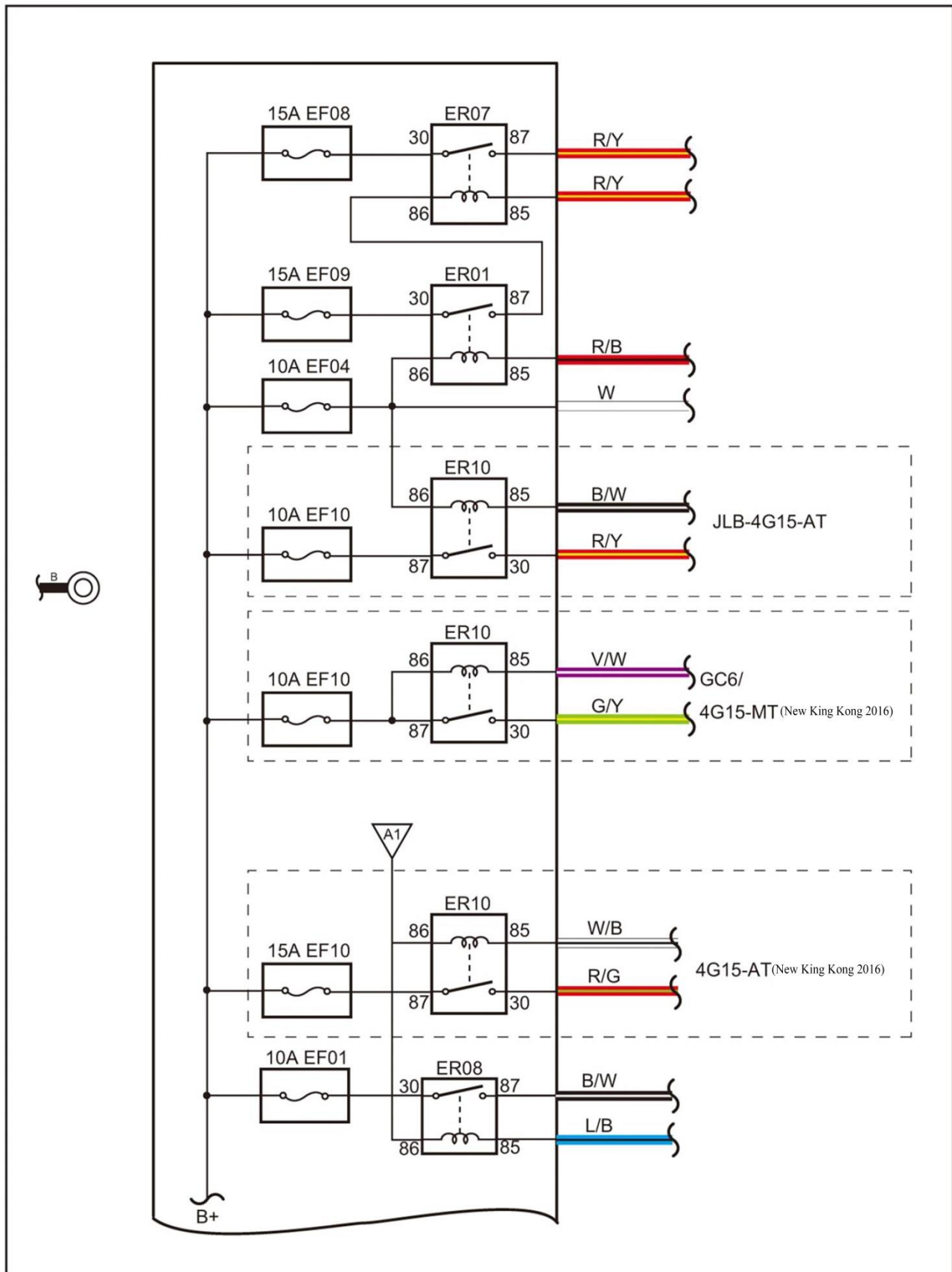
Internal Circuit Diagram of Engine Compartment Fuse, Relay Box



Internal Circuit Diagram of Engine Compartment Fuse, Relay Box (Continued 1)



Internal Circuit Diagram of Engine Compartment Fuse, Relay Box (Continued 2)



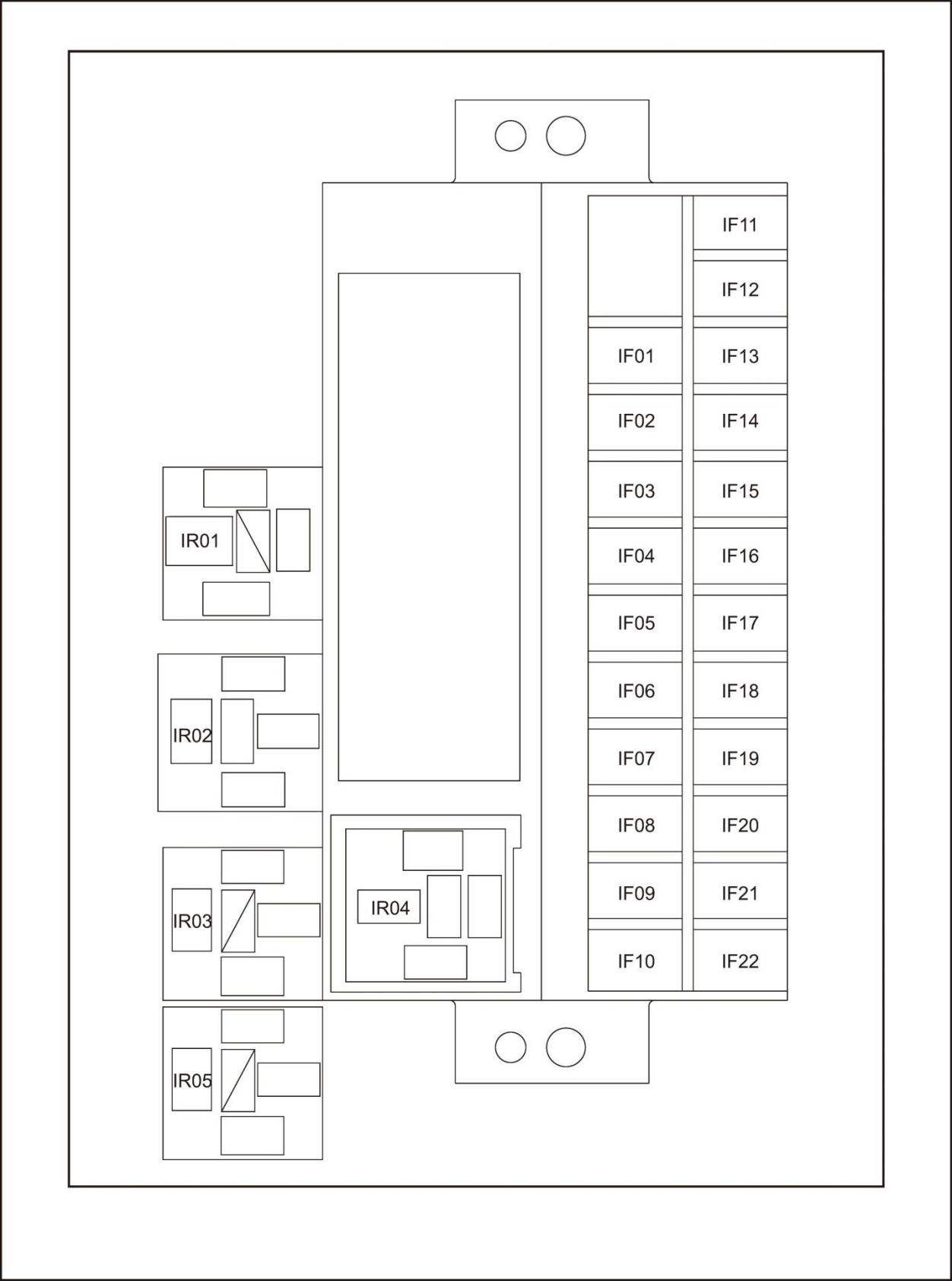
List of Engine Compartment Fuses

No.	Name	Rated current (A)	Description
SF01	Fan	30	
SF02	Ignition switch 1	30	
SF03	Power door and window	30	
SF04	Blower	30	
EF01	Compressor	10	
EF02	Starter	30	
EF03	Front fog lamp	15	
EF03	Daytime running lamp	10	4G15-4AT (New King Kong 2016)
EF04	Alternator	10	
EF05	AM2	15	
EF06	Electric horn	15	
EF07	Main relay	20	
EF08	High beam	15	
EF09	Low beam	15	
EF10	Vacuum pump	15	4G15-4AT
EF10	Right fan	20	MR479QN exported to the Middle East
EF10	Daytime running lamp	10	GC6/4G15-MT (New King Kong 2016)
EF11	Left fan	20	MR479QN exported to the Middle East
EF11	ESC	25	GC6
EF12	Fuel pump	15	JLB-4G15
EF14	Alternator	110A	MR479QN
EF14	Alternator	125A	JLB-4G15
EF15	Main fuse 1 of indoor electrical equipment center	30A	—
EF16	Main fuse 2 of indoor electrical equipment center	30A	—
EF16	ESC	40A	GC6
EF17	ABS	40A	
EF17	MAIN	60A	GC6
EF18	Main fuse of battery	60A	—
EF18	Main fuse of battery	30A	GC6
EF24	EPS fuse	60A	JLB-4G15

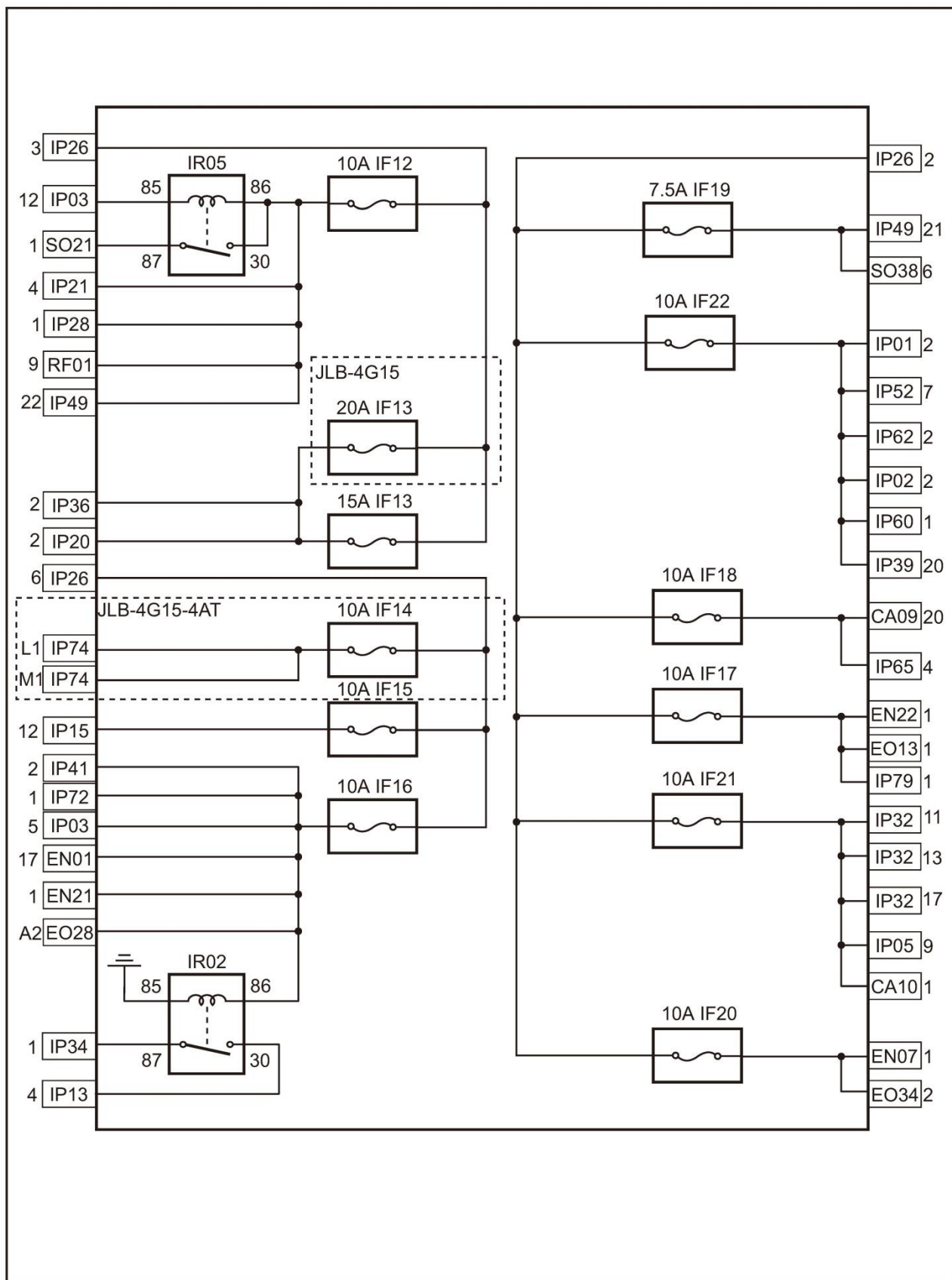
List of Engine Compartment Relays

No.	Name	Description
ER01	Low beam relay	—
ER02	Fan relay	—
ER03	Starter relay	—
ER04	Right fan relay	—
ER05	Fuel pump relay	—
ER06	Left fan relay	—
ER07	High beam relay	—
ER08	Compressor relay	—
ER09	Main relay	—
ER10	Vacuum pump relay	—
ER10	Daytime running lamp relay	GC6/4G15-MT (New King Kong 2016)

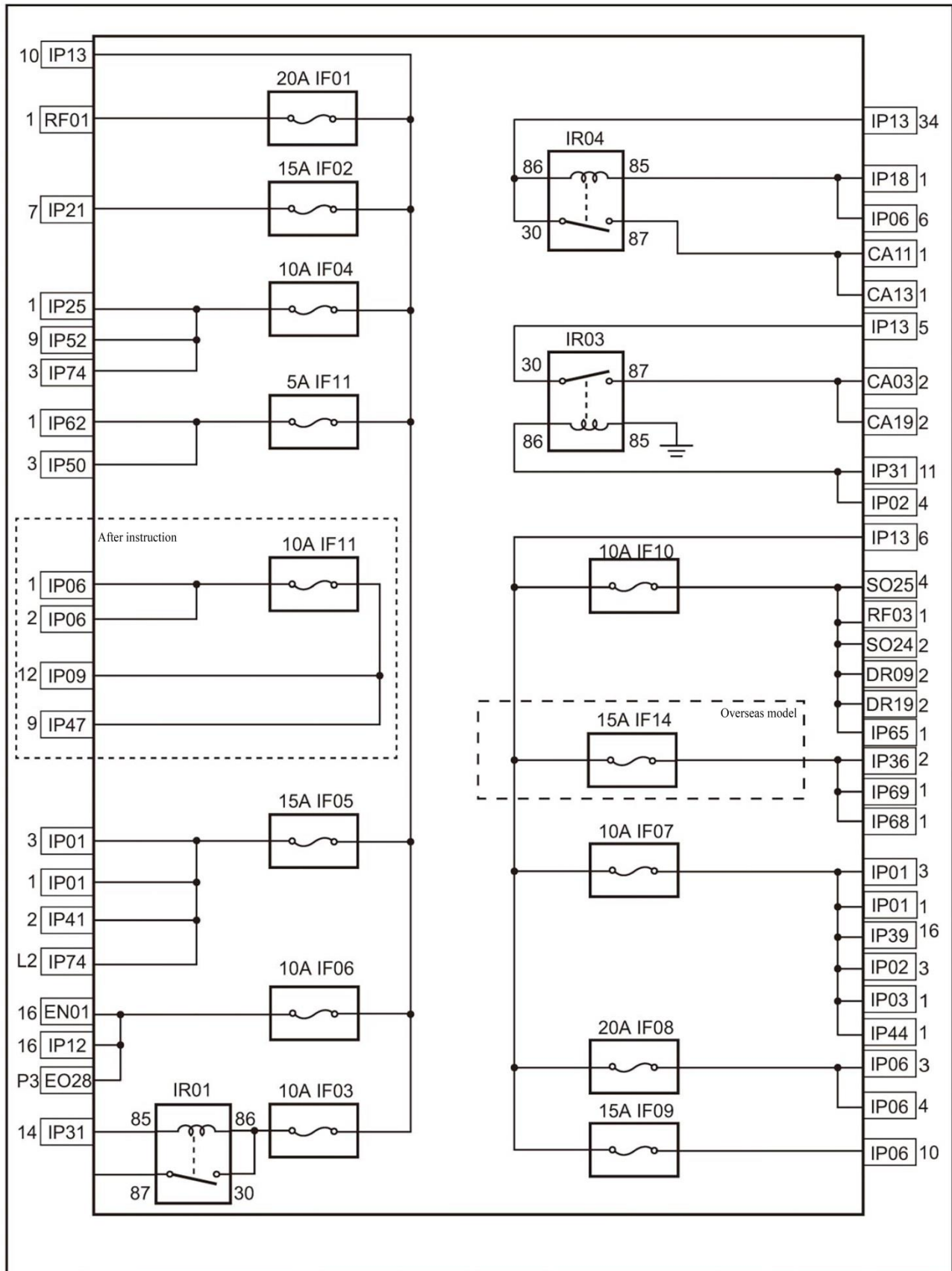
Indoor Fuse, Relay Box



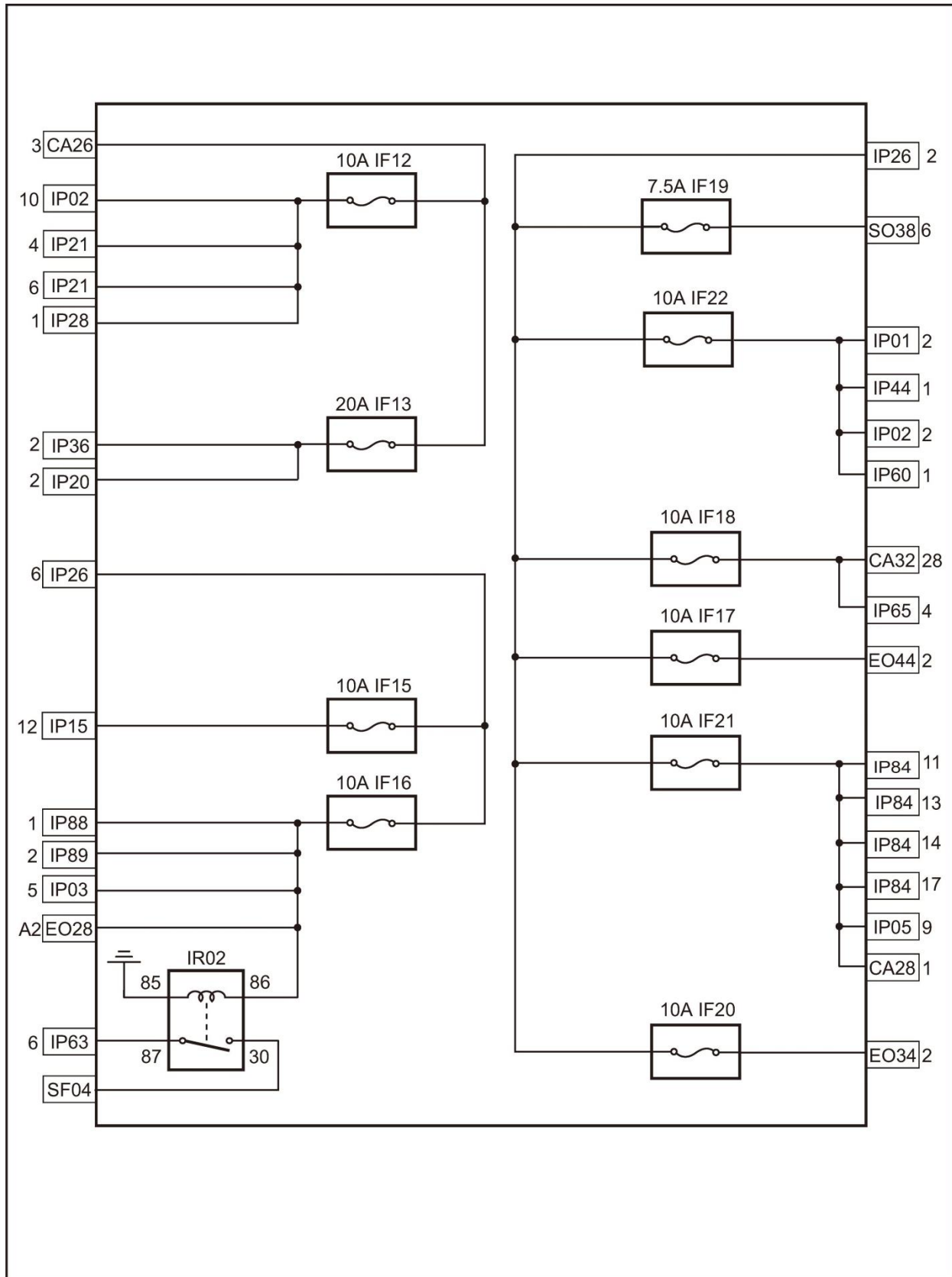
Internal Circuit Diagram of Indoor Fuse, Relay Box



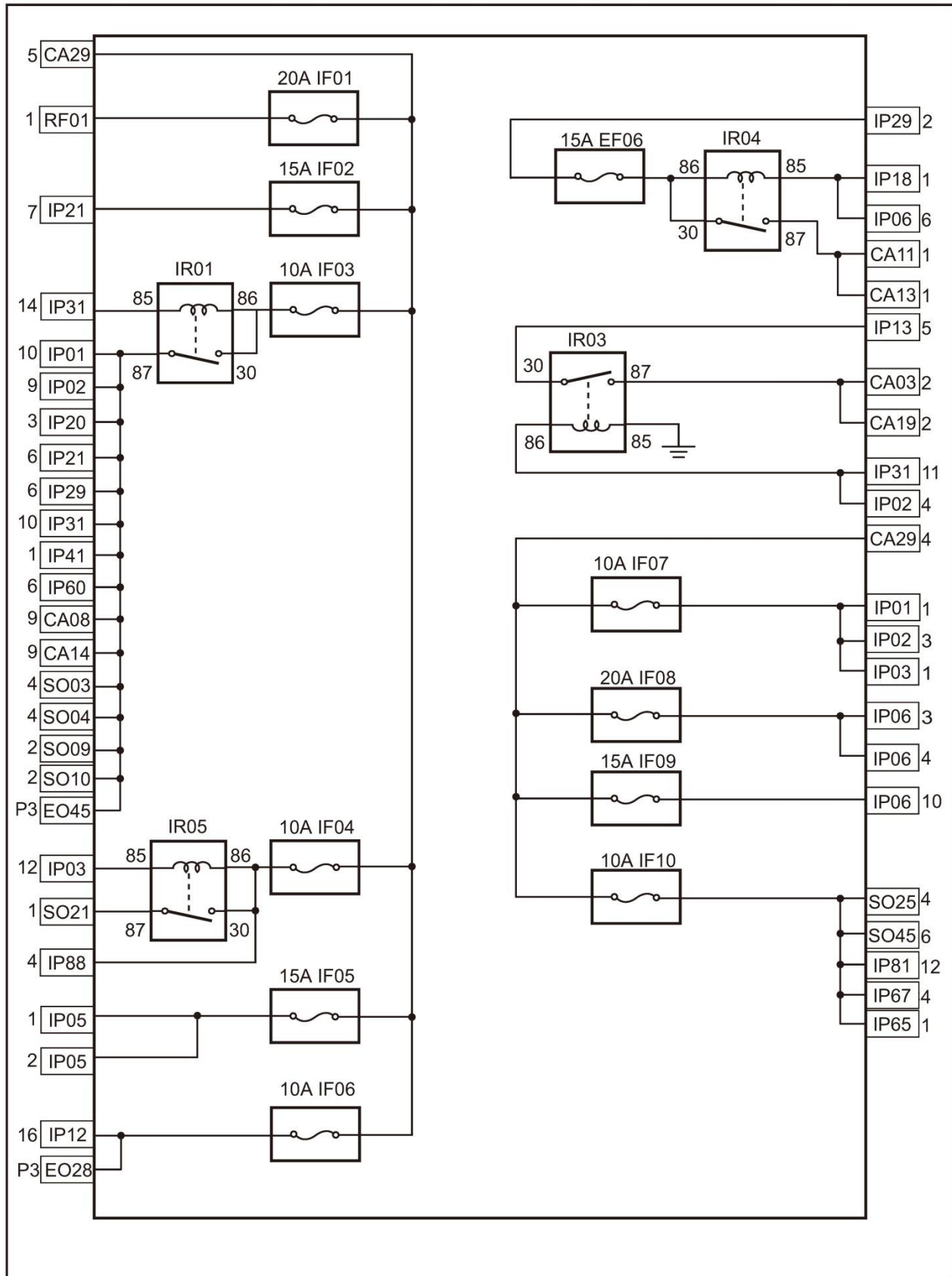
Internal Circuit Diagram of Indoor Fuse, Relay Box (Continued)



Internal Circuit Diagram of Indoor Fuse, Relay Box (GC6)

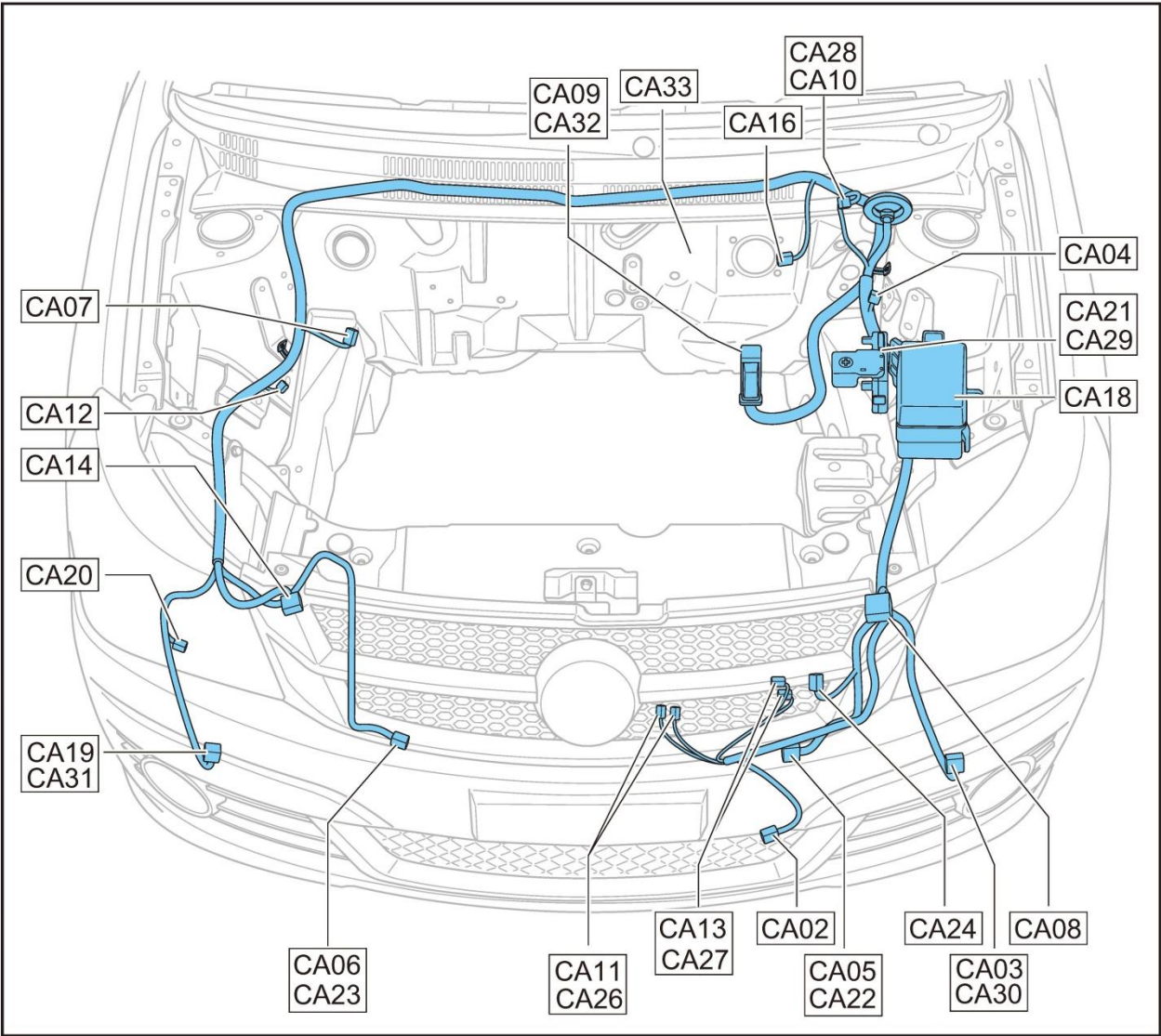


Internal Circuit Diagram of Indoor Fuse, Relay Box (Continued) (GC6)

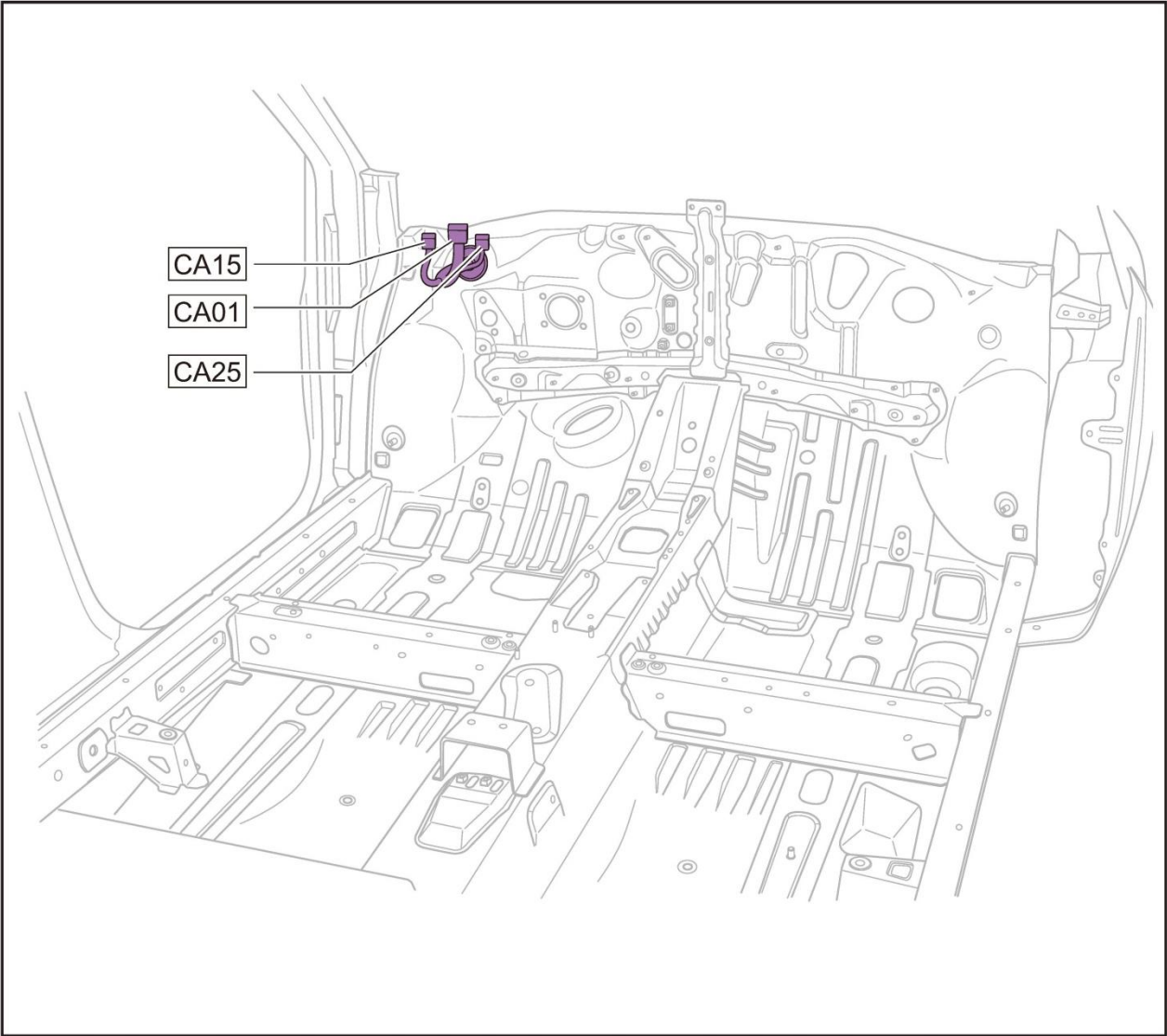


13.5 Layout of harness and the connector

Engine Compartment Harness Layout Drawing



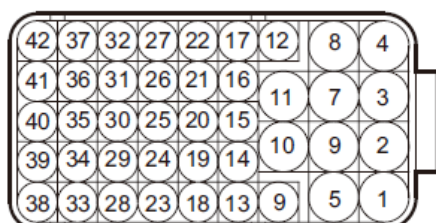
Engine Compartment Harness Layout Drawing (Continued 1)



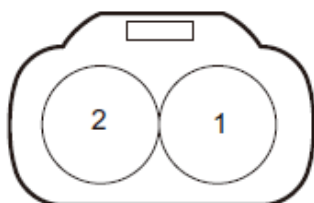
Harness connector	Name	Harness connector	Name
CA01	To instrument harness connector	CA18	To engine harness connector
CA02	Outdoor temperature sensor harness connector	CA19	Front right fog lamp harness connector
CA03	Front left fog lamp harness connector	CA20	Front washer harness connector
CA04	Front left wheel speed sensor harness connector	CA21	Fuse box (blade terminal)
CA05	Left fan motor harness connector	CA22	Left fan motor harness connector (water-proofed)
CA06	Right fan motor harness connector	CA23	Right fan motor harness connector (water-proofed)
CA07	A/C pressure switch harness connector	CA24	Power vacuum pump harness connector (AT)
CA08	Front left combination headlamp harness connector	CA25	To instrument panel harness connector B (EPS model)
CA09	ABS control module harness connector	CA26	Horn 1 harness connector (GC6)
CA10	Front wiper motor harness connector	CA27	Horn 2 harness connector (GC6)
CA11	Horn 1 harness connector (left)	CA28	Front wiper motor harness connector (GC6)
CA12	Front right wheel speed sensor harness connector	CA29	Fuse box (blade terminal) (GC6)
CA13	Horn 2 harness connector (right)	CA30	Front left daytime running lamp harness connector (GC6)
CA14	Front right combination headlamp harness connector	CA31	Front right daytime running lamp harness connector (GC6)
CA15	To floor harness connector	CA32	ESC control module harness connector (GC6)
CA16	Brake fluid level sensor harness connector	CA33	Vacuum sensor harness connector (New King Kong 2016)
CA17	Cut off solenoid valve harness connector		

Terminal Diagram of Engine Compartment Harness Connector

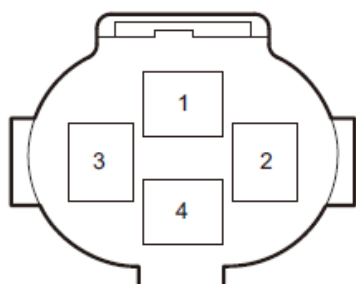
To instrument harness connector CA01



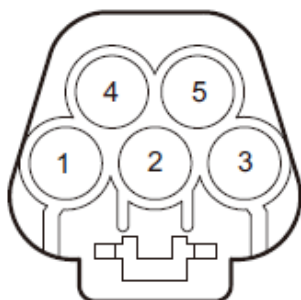
Front left wheel speed sensor harness connector CA04



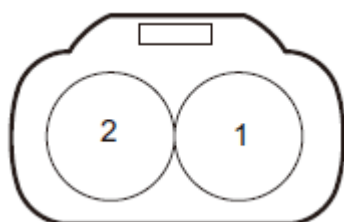
A/C pressure switch harness connector CA07



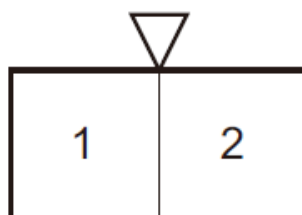
Front wiper motor harness connector CA10



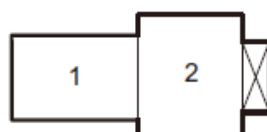
Front right wheel speed sensor harness connector CA12



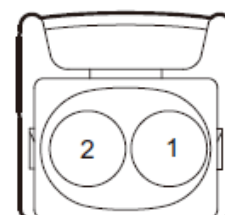
Outdoor temperature sensor harness connector CA02



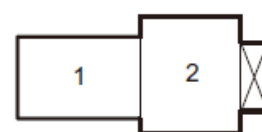
Left fan motor harness connector CA05



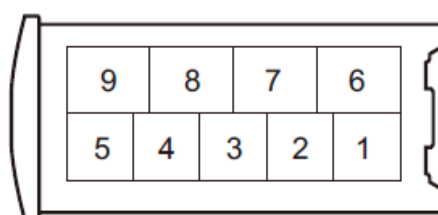
Front left fog lamp harness connector CA03



Right fan motor harness connector CA06



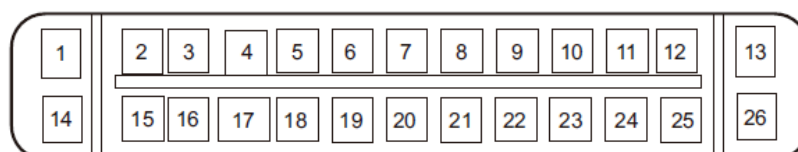
Front left combination headlamp harness connector CA08



Horn 1 harness connector CA11



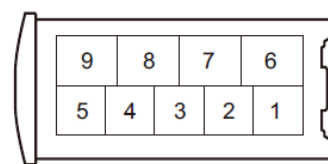
ABS control module harness connector CA09



Horn 2 harness connector CA13

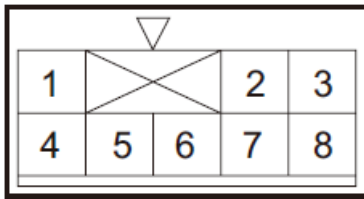


Front right combination headlamp harness connector CA14

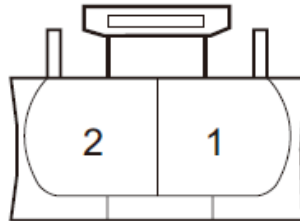


Terminal Diagram of Engine Compartment Harness Connector (Continued 1)

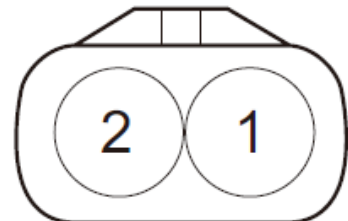
To floor harness connector CA15



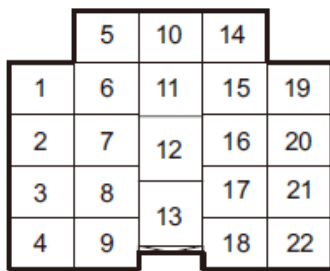
Brake fluid level sensor harness connector CA16



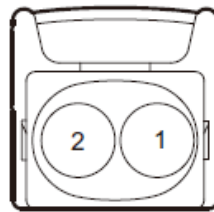
Cut off solenoid valve harness connector CA17



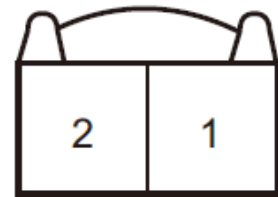
To engine harness connector CA18



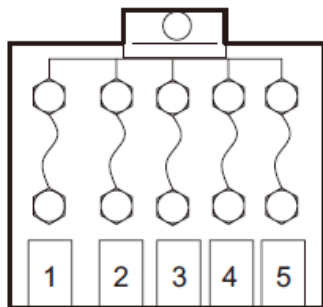
Front right fog lamp harness connector CA19



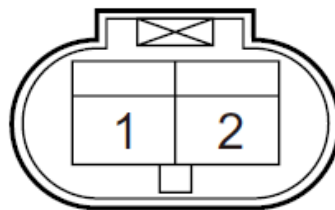
Front washer harness connector CA20



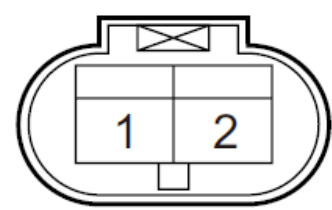
Fuse box (blade terminal) CA21



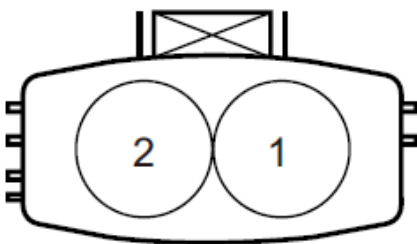
Left fan motor harness connector (water-proofed) CA22



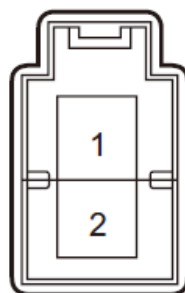
Right fan motor harness connector (water-proofed) CA23



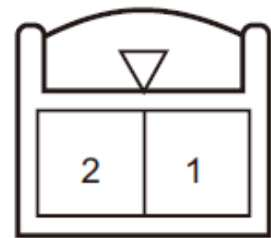
Power vacuum pump harness connector (AT) CA24



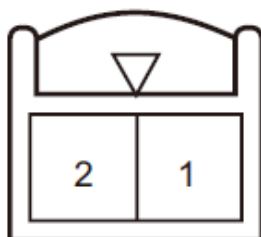
To instrument panel harness connector B CA25



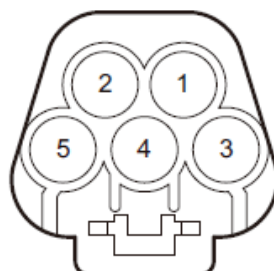
Horn 1 harness connector (GC6) CA26



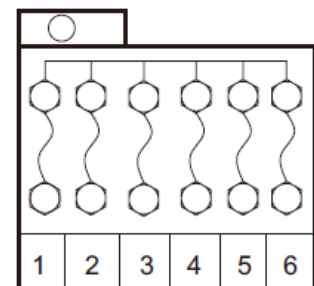
Horn 2 harness connector (GC6) CA27



Front wiper motor harness connector (GC6) CA28

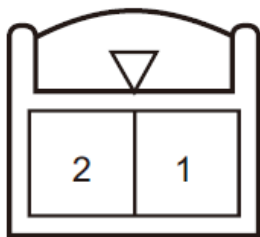


Fuse box (blade terminal) (GC6) CA29

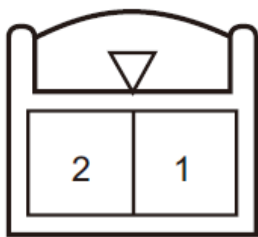


Terminal Diagram of Engine Compartment Harness Connector (Continued 2)

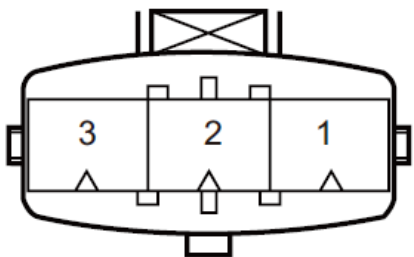
Front left daytime running lamp
harness connector (GC6) CA30



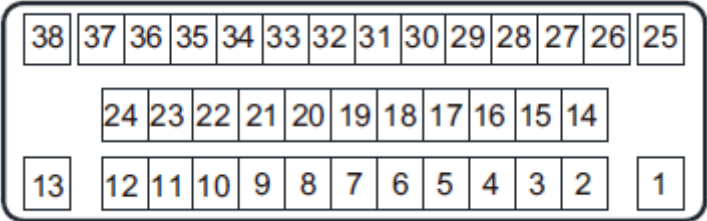
Front right daytime running
lamp harness connector (GC6)
CA31



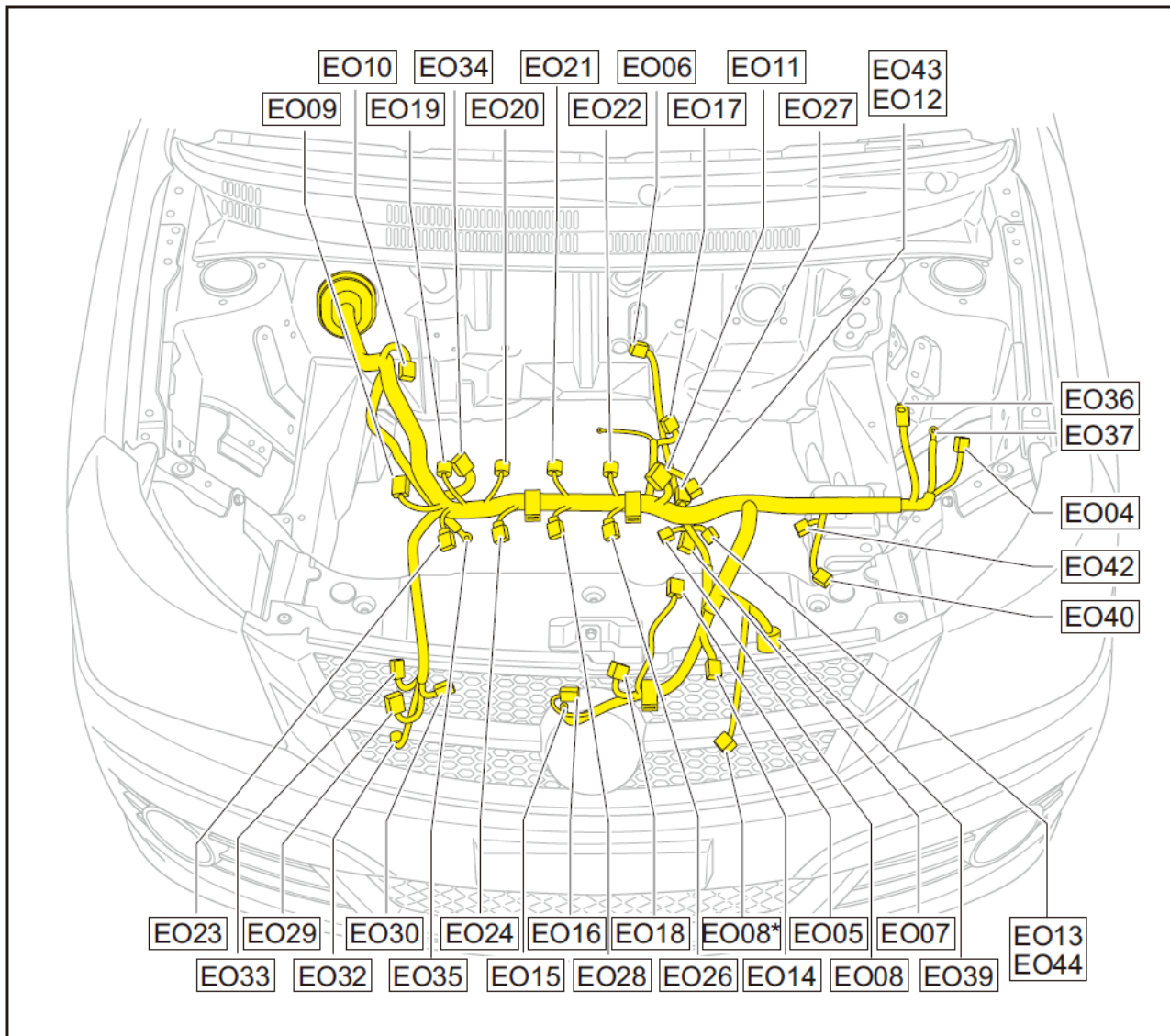
Vacuum sensor harness connector (New
King Kong 2016) CA33



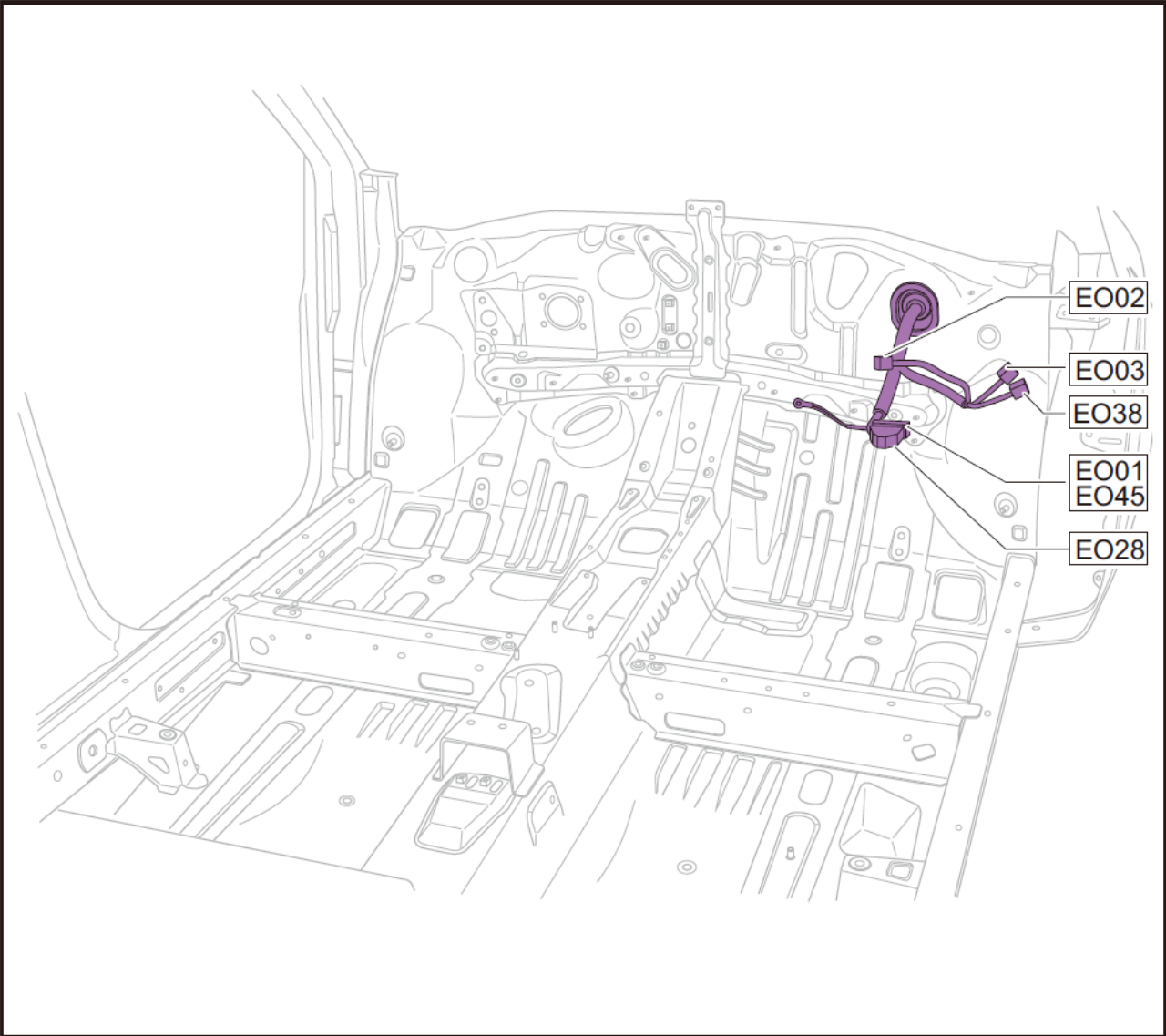
ESC control module harness connector (GC6) CA32



Engine Harness Layout Drawing (JLB-4G15)



Engine Harness Layout Drawing (Continued) (JLB-4G15)

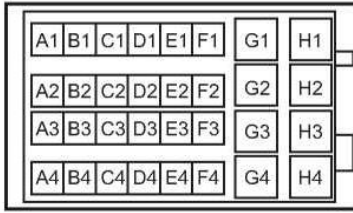


Harness connector	Name	Harness connector	Name
EO01	Engine control module A harness connector	EO23	Harness connector of ignition coil 1
EO02	To instrument harness connector A	EO24	Harness connector of ignition coil 2
EO03	To instrument harness connector B	EO25	Harness connector of ignition coil 3
EO04	To engine compartment harness connector	EO26	Harness connector of ignition coil 4
EO05	Canister control valve harness connector	EO27	Front oxygen sensor harness connector
EO06	Rear oxygen sensor harness connector	EO28	Engine control module B harness connector
EO07	Vehicle speed sensor harness connector	EO29	Knock sensor harness connector
EO08	Speed sensor harness connector	EO30	Engine oil pressure switch harness connector
EO09	Exhaust VVT solenoid valve harness connector	EO32	Compressor harness connector
EO10	Intake VVT solenoid valve harness connector	EO33	Power steering switch harness connector
EO11	Intake camshaft sensor harness connector	EO34	Alternator regulator harness connector
EO12	Water temperature sensor harness connector	EO35	Alternator harness connector
EO13	Reverse lamp switch harness connector	EO36	Battery positive
EO14	Electronic throttle harness connector	EO37	Fuse box
EO15	Starter harness connector	EO38	To instrument panel harness connector C (AT)
EO16	Starter solenoid switch harness connector	EO39	Transmission electronic control system wire port harness connector (AT)
EO17	Exhaust camshaft sensor harness connector	EO40	Transmission range switch harness connector (AT)
EO18	Intake pressure and temperature sensor harness connector	EO41	Vacuum sensor harness connector (AT)
EO19	Harness connector of fuel injection nozzle 1	EO42	Vehicle speed sensor harness connector (AT)
EO20	Harness connector of fuel injection nozzle 2	EO43	Water temperature sensor harness connector (GC6)
EO21	Harness connector of fuel injection nozzle 3	EO44	Reverse lamp switch harness connector (GC6)
EO22	Harness connector of fuel injection nozzle 4	EO45	Engine control module A harness connector (GC6)

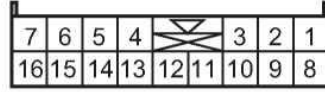
EO08* indicates the position of the speed sensor for AT model.

Terminal Diagram of Engine Harness Connector (JLB-4G15)

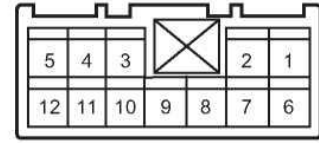
Engine control module A harness
connector EO01



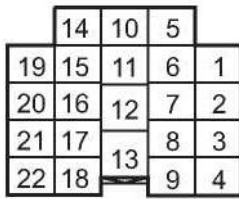
To instrument harness connector A
EO02



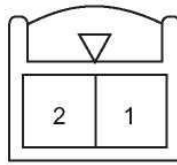
To instrument harness connector B
EO03



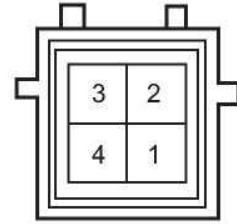
To engine compartment harness
connector EO04



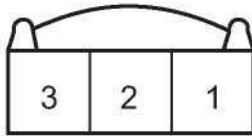
Canister control valve harness
connector EO05



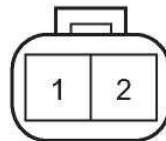
Rear oxygen sensor harness
connector EO06



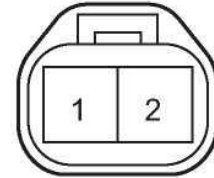
Vehicle speed sensor harness
connector EO07



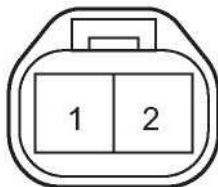
Speed sensor harness connector
EO08



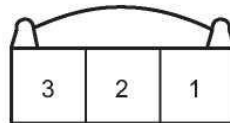
Exhaust VVT solenoid valve
harness connector EO09



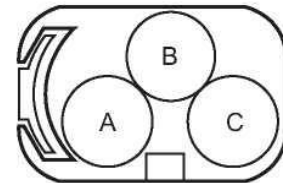
Intake VVT solenoid valve harness
connector EO10



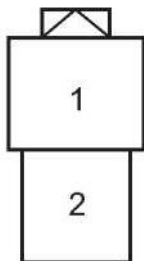
Intake camshaft sensor harness
connector EO11



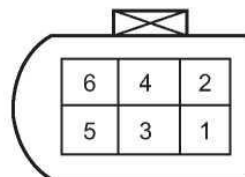
Water temperature sensor harness
connector EO12



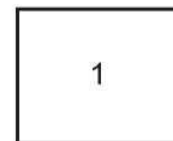
Reverse lamp switch harness
connector EO13



Electronic throttle harness
connector EO14

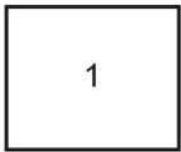


Starter harness connector EO15

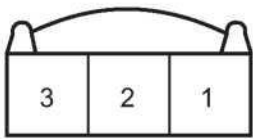


Terminal Diagram of Engine Harness Connector (Continued 1) (JLB-4G15)

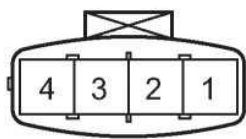
Starter solenoid switch harness connector EO16



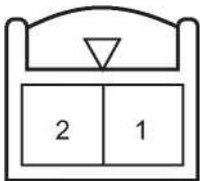
Exhaust camshaft sensor harness connector EO17



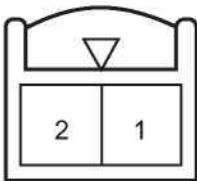
Intake pressure and temperature sensor harness connector EO18



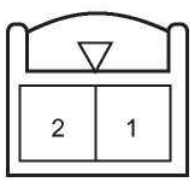
Harness connector of fuel injection nozzle1 EO19



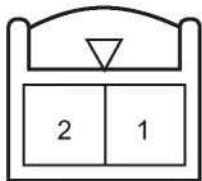
Harness connector of fuel injection nozzle 2 EO20



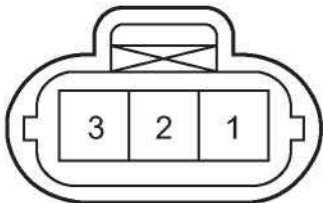
Harness connector of fuel injection nozzle 3 EO21



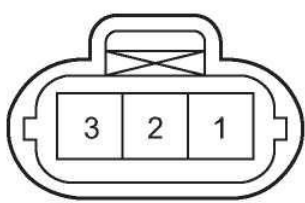
Harness connector of fuel injection nozzle 4 EO22



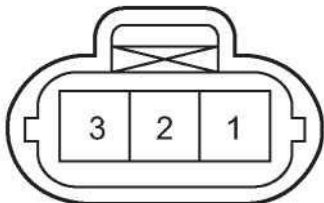
Harness connector of ignition coil 1 EO23



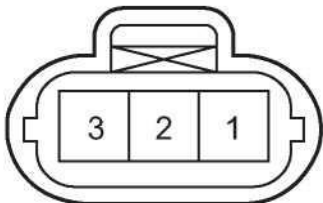
Harness connector of ignition coil 2 EO24



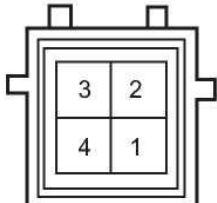
Harness connector of ignition coil 3 EO25



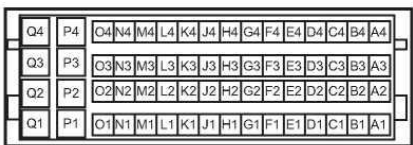
Harness connector of ignition coil 4 EO26



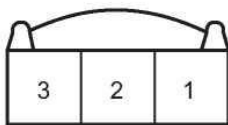
Front oxygen sensor harness connector EO27



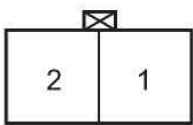
Engine control module B harness connector EO28



Knock sensor harness connector EO29



Engine oil pressure switch harness connector EO30

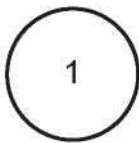


Terminal Diagram of Engine Harness Connector (Continued 2) (JLB-4G15)

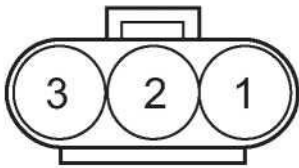
Compressor harness connector EO32



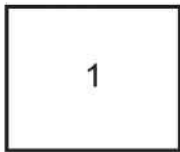
Power steering switch harness connector EO33



Alternator regulator harness connector EO34



Alternator harness connector EO35



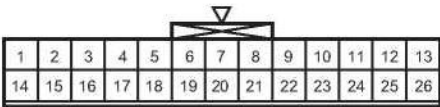
Battery positive EO36



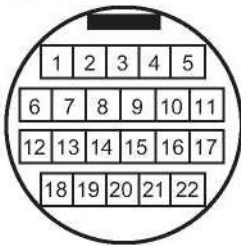
Fuse box harness connector EO37



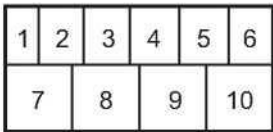
To instrument panel harness connector C (AT) EO38



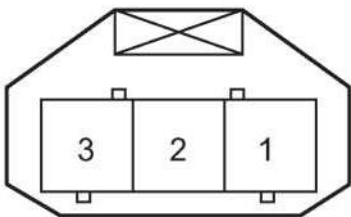
Transmission electronic control system wire port harness connector (AT) EO39



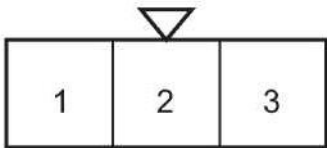
Transmission range switch harness connector (AT) EO40



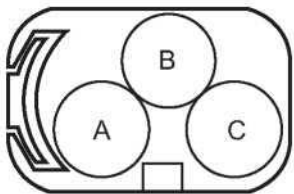
Vacuum sensor harness connector (AT) EO41



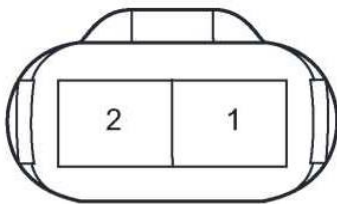
Vehicle speed sensor harness connector (AT) EO42



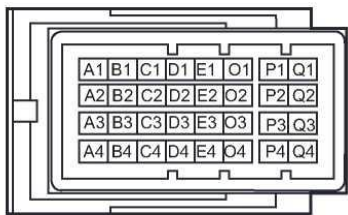
Water temperature sensor harness connector (GC6) EO43



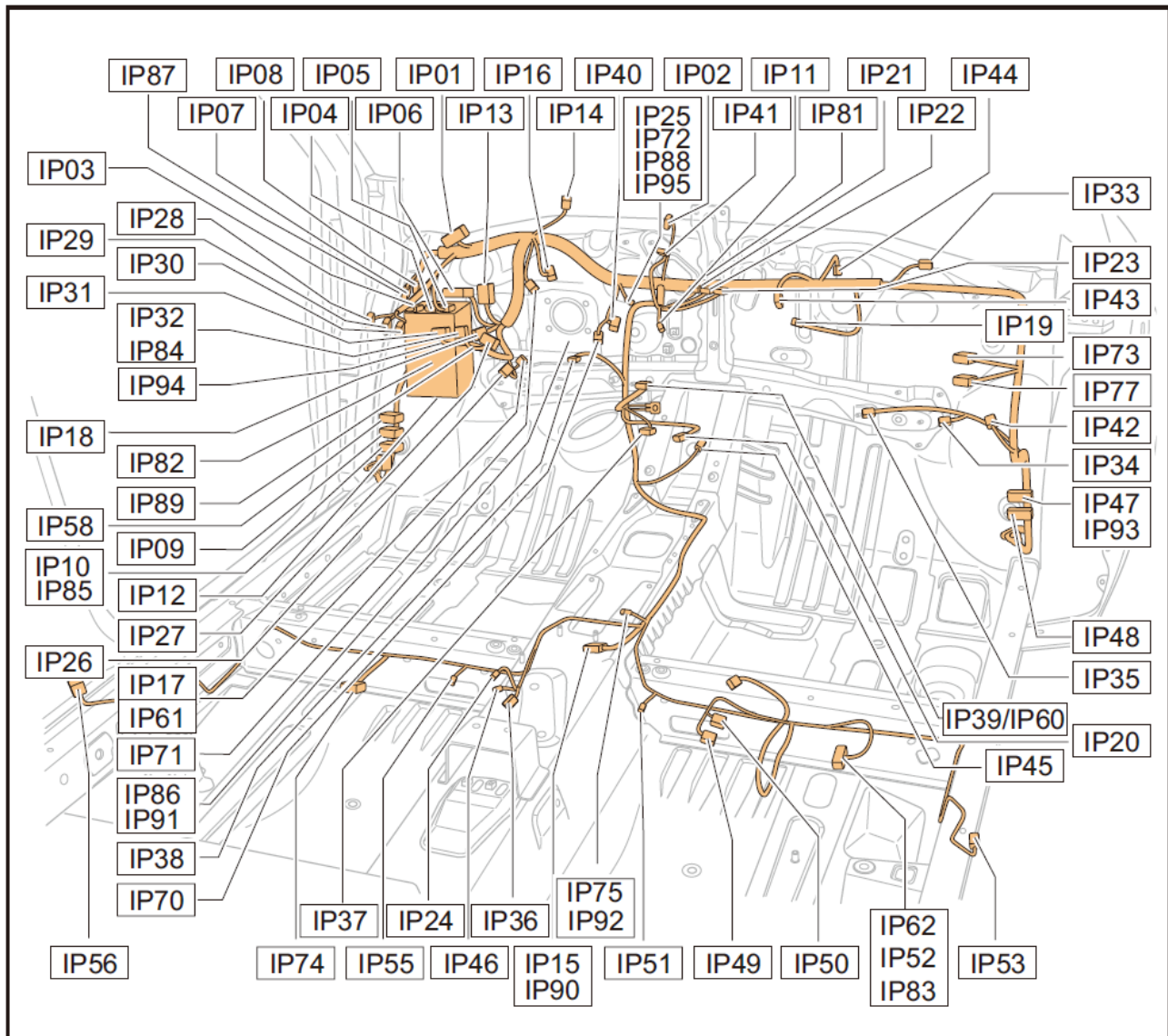
Reverse lamp switch harness connector (GC6) EO44



Engine control module A harness connector (GC6) EO45



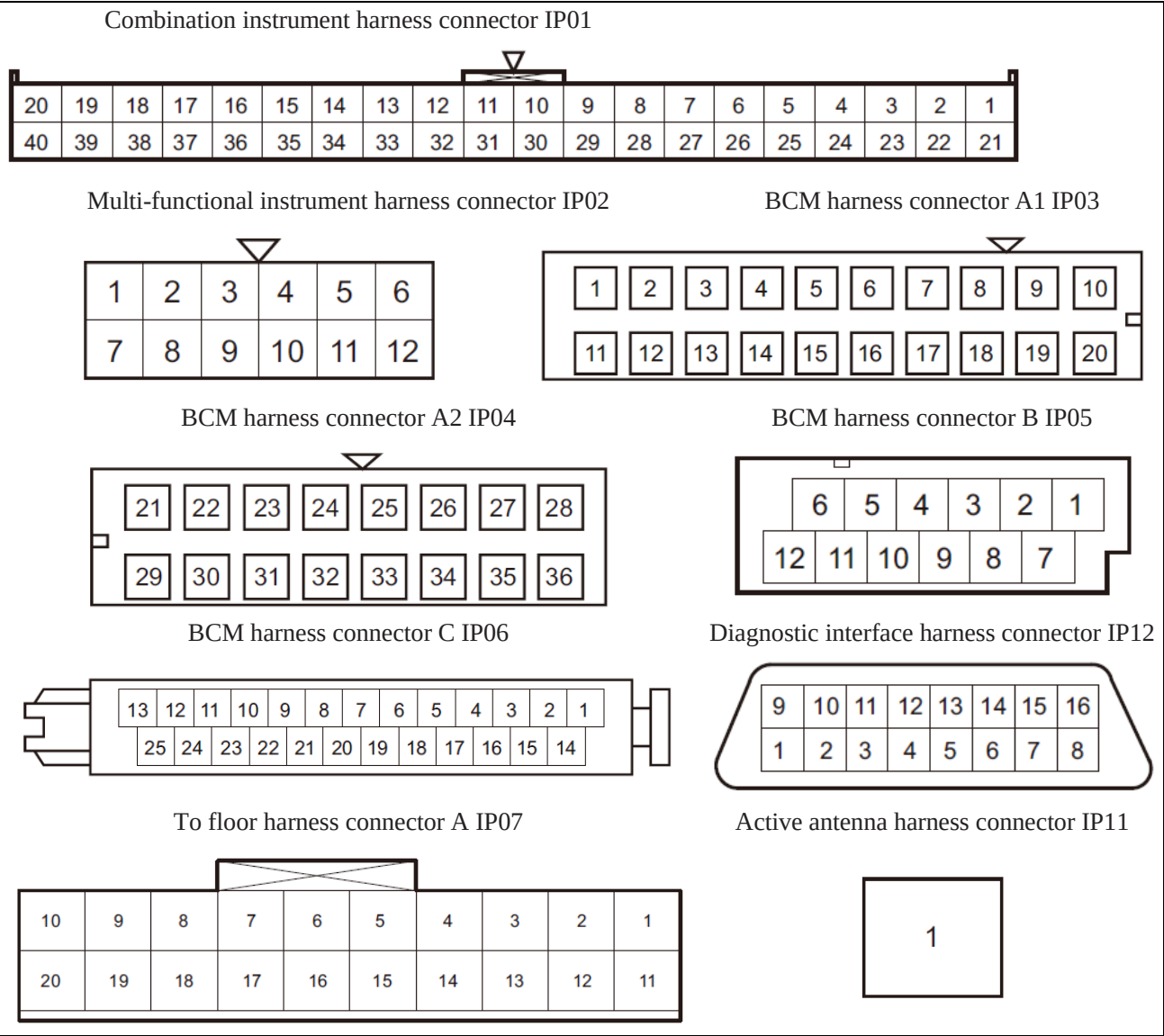
Instrument Harness Layout Drawing



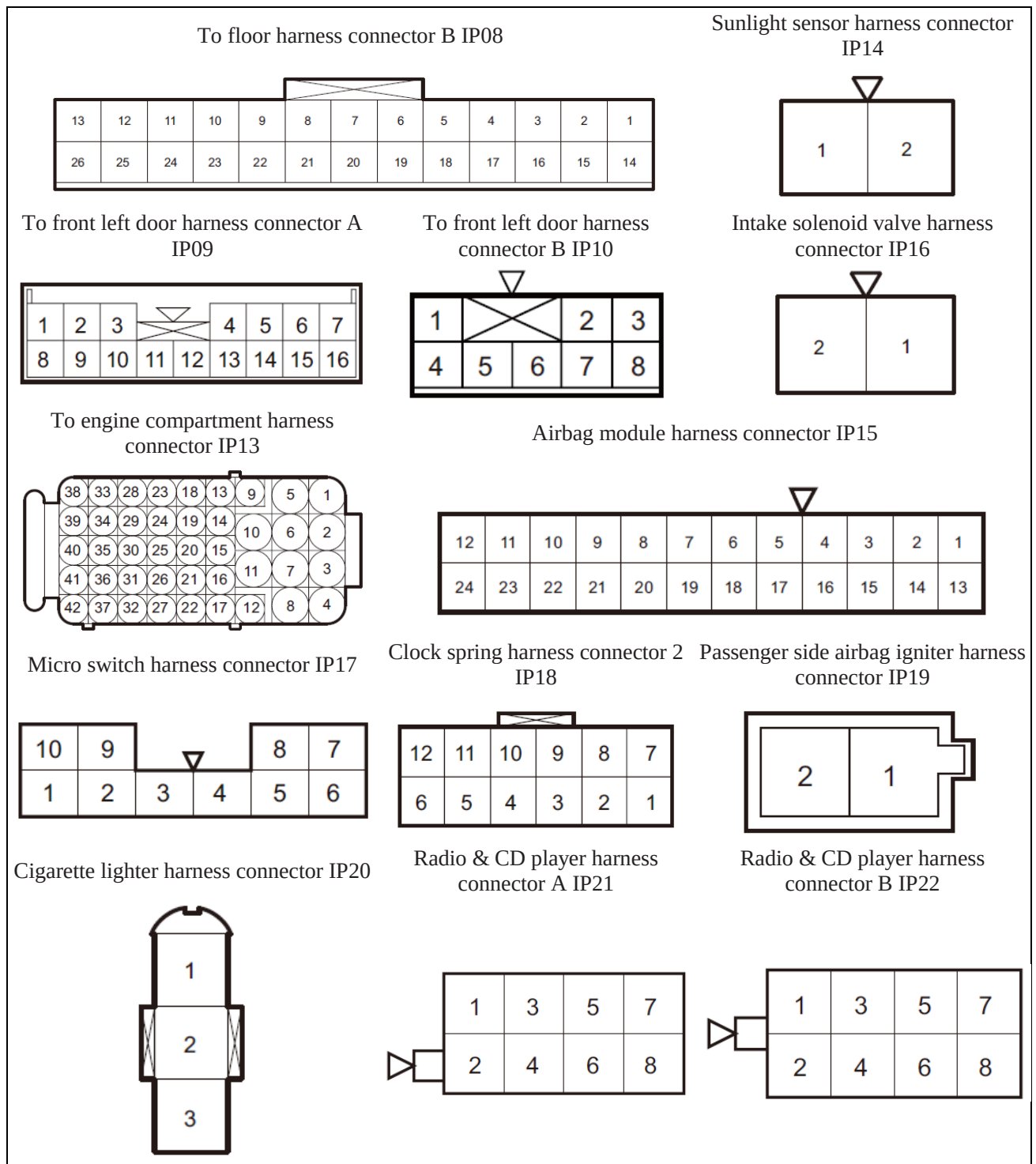
Harness connector	Name	Harness connector	Name
IP01	Combination instrument harness connector	IP47	To front right door harness connector A
IP02	Multi-functional instrument harness connector	IP48	To front right door harness connector B
IP03	BCM harness connector A1	IP49	PEPS module 1 harness connector
IP04	BCM harness connector A2	IP50	PEPS module 2 harness connector
IP05	BCM harness connector B	IP51	Passenger side seat belt pretensioner
IP06	BCM harness connector C	IP53	Passenger side seat belt buckle switch harness connector
IP07	To floor harness connector A	IP54	Passenger side sensor harness connector
IP08	To floor harness connector B	IP55	Driver side seat belt buckle switch harness connector
IP09	To front left door harness connector A	IP56	Driver side seat belt pretensioner harness connector
IP10	To front left door harness connector B	IP58	To front left door harness connector C
IP11	Active antenna	IP60	A/C control panel (electric) harness connector
IP12	Diagnostic interface harness connector	IP61	Key lighting harness connector
IP13	To engine compartment harness connector	IP62	TPMS control module harness connector
IP14	Sunlight sensor harness connector	IP63	Instrument harness connected to A/C harness connector
IP15	Airbag module harness connector	IP64	A/C harness connected to instrument harness connector
IP16	Intake solenoid valve harness connector	IP65	Engine immobilizer A harness connector
IP17	Micro switch harness connector	IP66	Engine immobilizer B harness connector
IP18	Clock spring harness connector 2	IP67	Immobilizer antenna harness connector
IP19	Passenger side airbag igniter harness connector	IP68	Left seat heating harness connector
IP20	Cigarette lighter harness connector	IP69	Right seat heating harness connector
IP21	Radio & CD player harness connector 1	IP70	Electronic accelerator pedal harness connector (JLB-4G15)
IP22	Radio & CD player harness connector 2	IP71	Clutch switch harness connector (JLB-4G15)
IP23	Radio & CD player harness connector 3	IP72	Brake lamp switch harness connector (four-line) (JLB-4G15)
IP24	Parking switch harness connector	IP73	To engine harness connector B (JLB-4G15)
IP25	Brake lamp switch harness connector	IP74	Automatic transmission control module harness connector (AT)
IP26	Ignition switch harness connector	IP75	Transmission safety actuator harness connector (AT)
IP27	Clock spring harness connector 1	IP77	To engine harness connector C
IP28	Power rearview mirror switch harness connector	IP78	To engine compartment harness connector B (EPS model)

Harness connector	Name	Harness connector	Name
IP29	Headlamp height adjusting switch harness connector	IP79	EPS controller A harness connector (EPS model)
IP30	Anti-theft alarm lamp harness connector	IP80	EPS controller B harness connector (EPS model)
IP31	Left combination switch harness connector	IP81	E-CALL control module harness connector (GC6)
IP32	Right combination switch harness connector	IP82	E-CALL speaker harness connector (GC6)
IP33	Evaporation tank temperature sensor harness connector	IP83	TPMS control module harness connector (GC6)
IP34	Blower motor harness connector	IP84	Right combination switch harness connector (GC6)
IP35	Speed regulator module harness connector	IP85	To front left door harness connector B (GC6)
IP36	Back-up power supply harness connector	IP86	Driver airbag igniter harness connector (GC6)
IP37	USB interface harness connector	IP87	To floor harness connector C (GC6)
IP38	Indoor temperature sensor harness connector	IP88	Brake lamp switch harness connector (GC6)
IP39	A/C control panel (auto) harness connector	IP89	Angle sensor harness connector (GC6)
IP40	Mode flap harness connector	IP90	Airbag control module harness connector (New King Kong 2016)
IP41	Middle switch harness connector	IP91	Driver airbag igniter harness connector (New King Kong 2016)
IP42	To engine harness connector	IP92	Transmission safety actuator harness connector (New King Kong 2016)
IP43	Warm and cold air switch lighting harness connector	IP93	To front right door harness connector A (New King Kong 2016)
IP44	Internal and external circulation flap actuator harness connector	IP94	Horn button harness connector (New King Kong 2016)
IP45	PEPS antenna 1	IP95	Brake lamp switch harness connector (New King Kong 2016)
IP46	PEPS antenna 2		

Terminal Diagram of Instrument Harness Connector

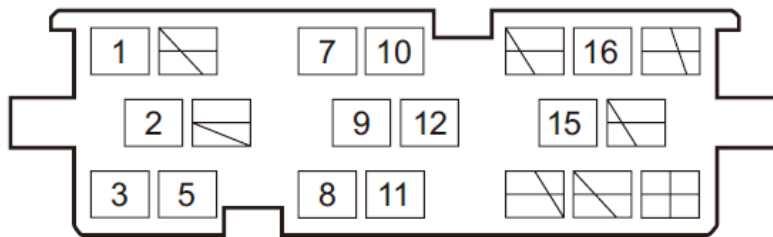


Terminal Diagram of Instrument Harness Connector (Continued 1)

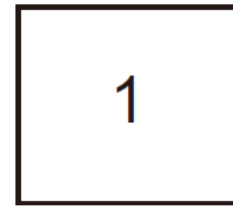


Terminal Diagram of Instrument Harness Connector (Continued 2)

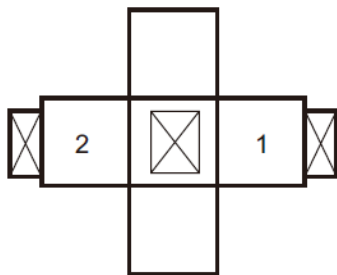
Radio & CD player harness connector C IP23



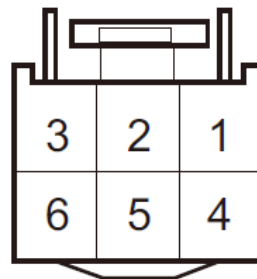
Parking switch harness connector IP24



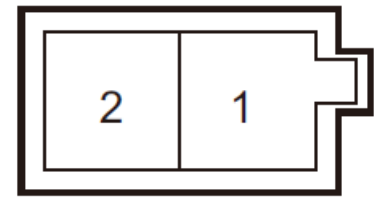
Brake lamp switch harness connector IP25



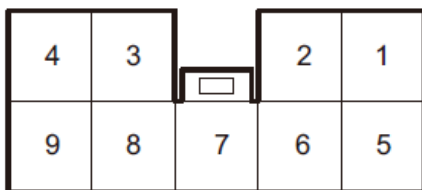
Ignition switch harness connector IP26



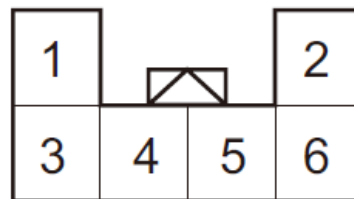
Clock spring harness connector 1 IP27



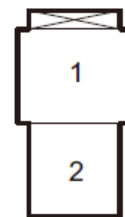
Power rearview mirror switch harness connector IP28



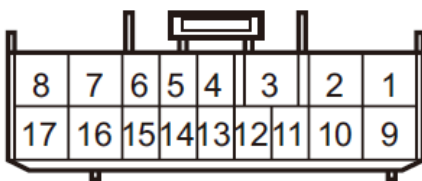
Headlamp height adjusting switch harness connector IP29



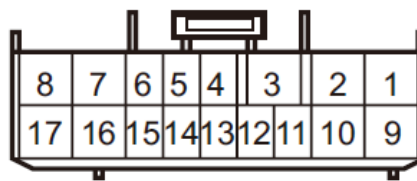
Anti-theft alarm lamp harness connector IP30



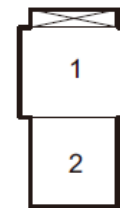
Left combination switch harness connector IP31



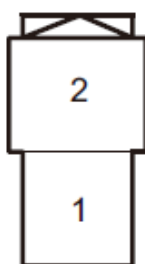
Right combination switch harness connector IP32



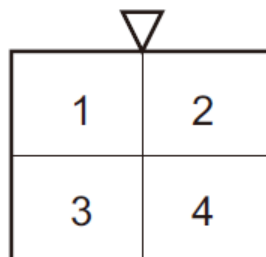
Evaporation tank temperature sensor harness connector IP33



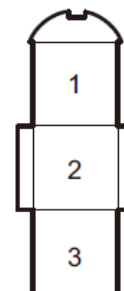
Blower motor harness connector IP34



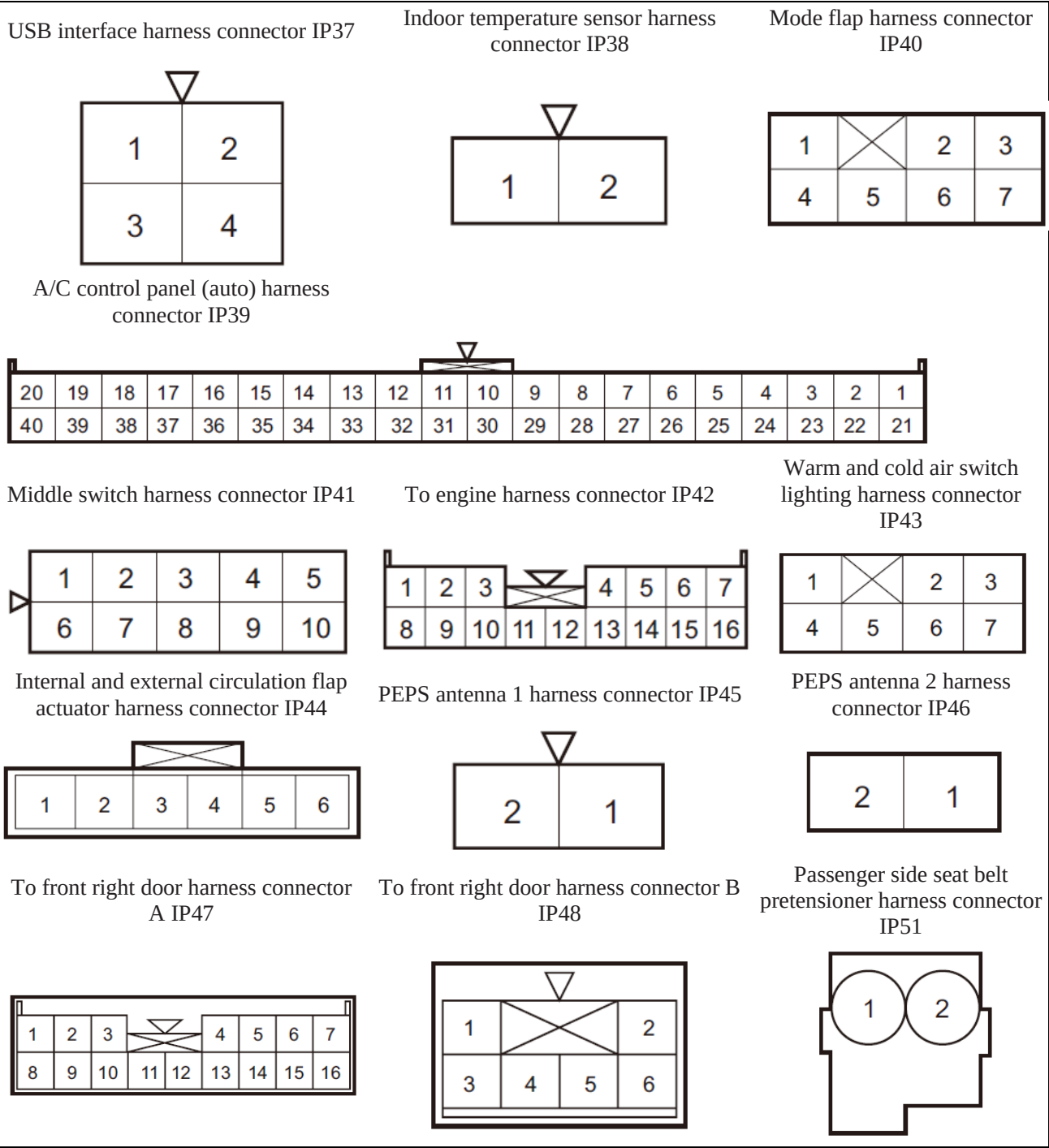
Speed regulator module harness connector IP35



Back-up power supply harness connector IP36



Terminal Diagram of Instrument Harness Connector (Continued 3)



Terminal Diagram of Instrument Harness Connector (Continued 4)

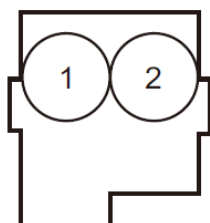
PEPS module 1 harness connector IP49

12	11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14	13

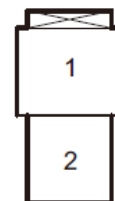
PEPS module 2 harness connector IP50

												▽												
12	11	10	9	8	7	6	5	4	3	2	1													
26	25	24	23	22	21	20		19	18	17	16	15	14	13										

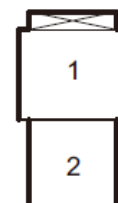
Driver side seat belt pretensioner harness connector IP56



Passenger side seat belt buckle switch harness connector IP53



Driver side seat belt buckle switch harness connector IP55



TPMS control module harness connector IP62

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

To front left door harness connector C IP58

			
1			2
3	4	5	6

Key lighting harness connector IP61

1	2
3	4

Instrument harness connected to A/C harness connector IP63

2			1
6	5	4	3

A/C control panel (electric) harness connector IP60

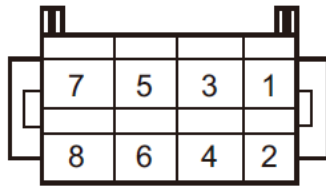
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

A/C harness connected to instrument harness connector IP64

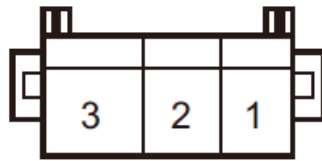
1			2
3	4	5	6

Terminal Diagram of Instrument Harness Connector (Continued 5)

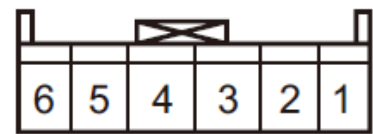
Engine immobilizer A harness connector IP65



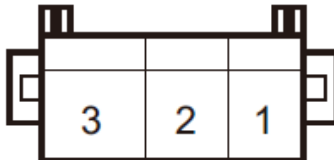
Engine immobilizer B harness connector IP66



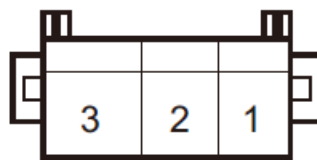
Immobilizer antenna harness connector IP67



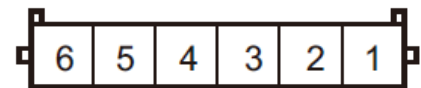
Left seat heating harness connector IP68



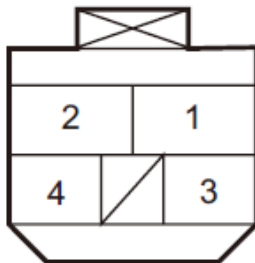
Right seat heating harness connector IP69



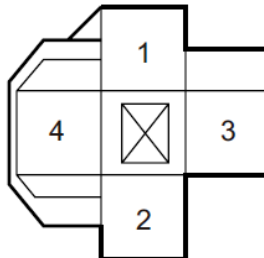
Electronic accelerator pedal harness connector IP70



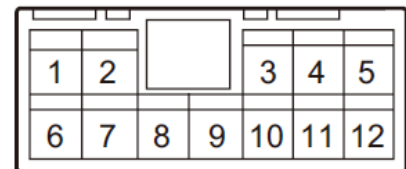
Clutch switch harness connector IP71



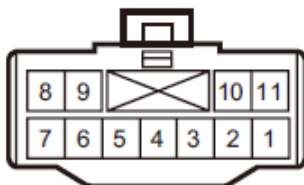
Brake lamp switch harness connector (four-line) IP72



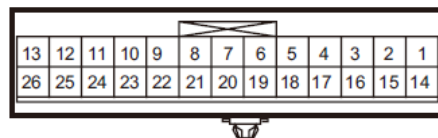
To engine harness connector B IP73



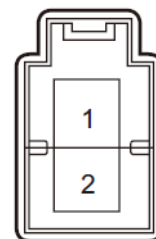
Transmission safety actuator harness connector (AT) IP75



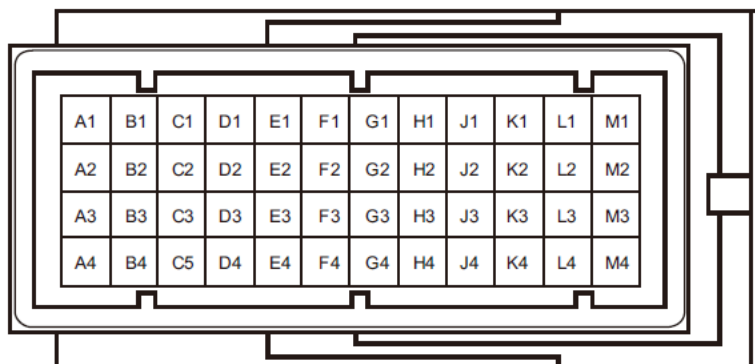
To engine harness connector C IP77



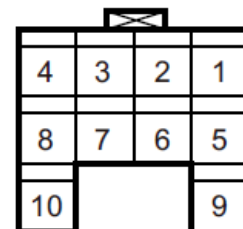
To engine compartment harness connector B IP78



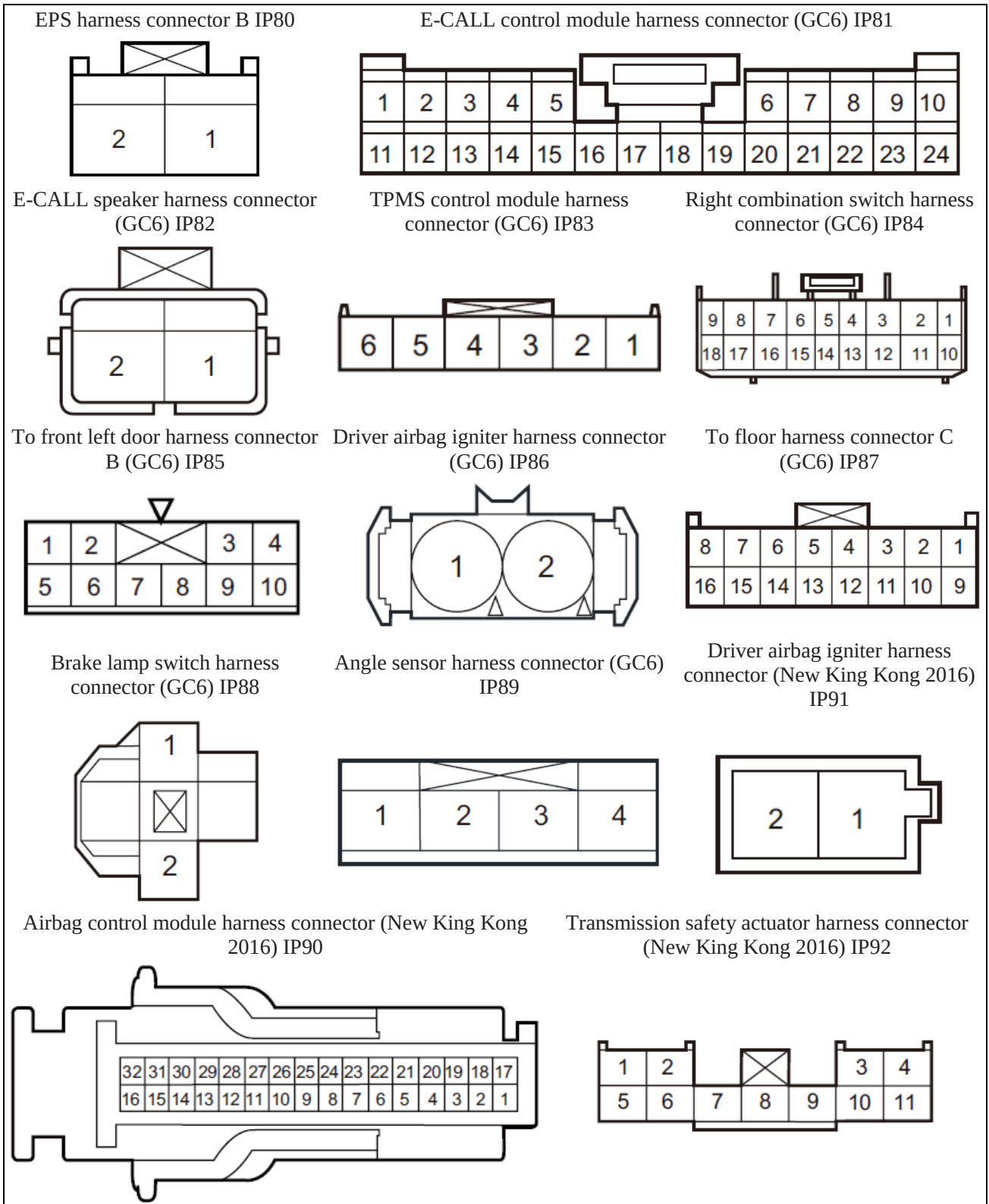
Automatic transmission control module harness connector (AT) IP74



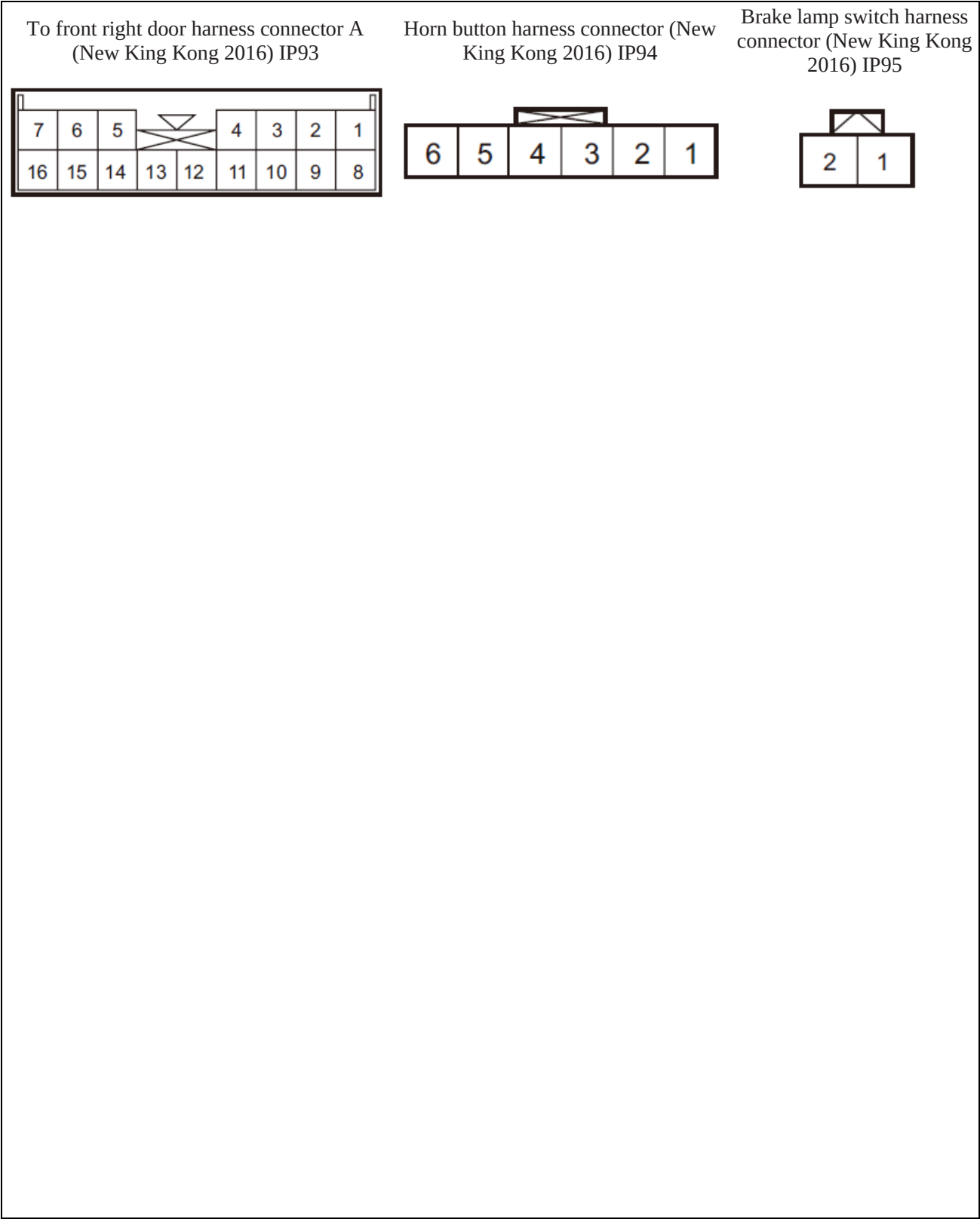
EPS harness connector A IP79



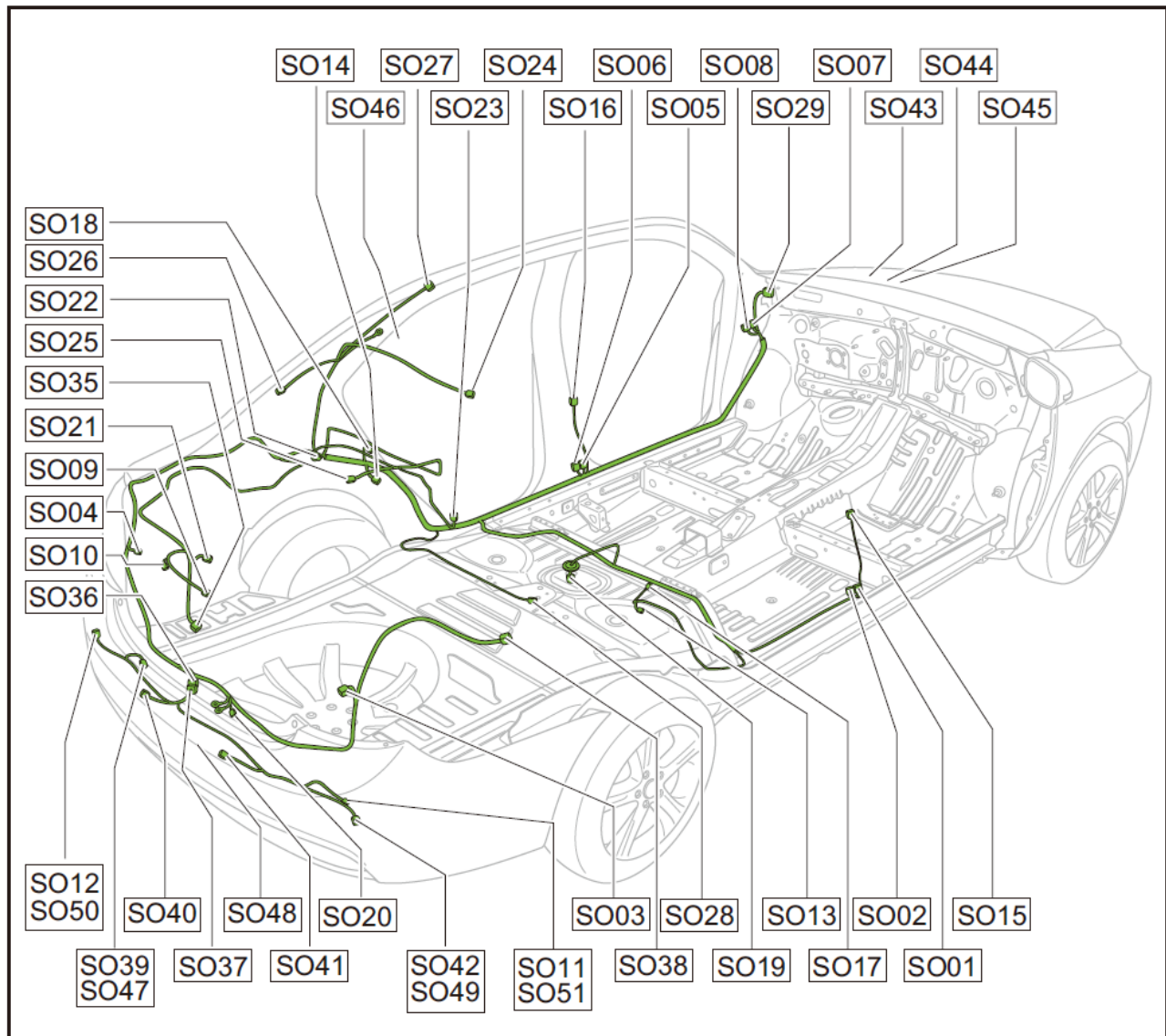
Terminal Diagram of Instrument Harness Connector (Continued 6)



Terminal Diagram of Instrument Harness Connector (Continued 7)

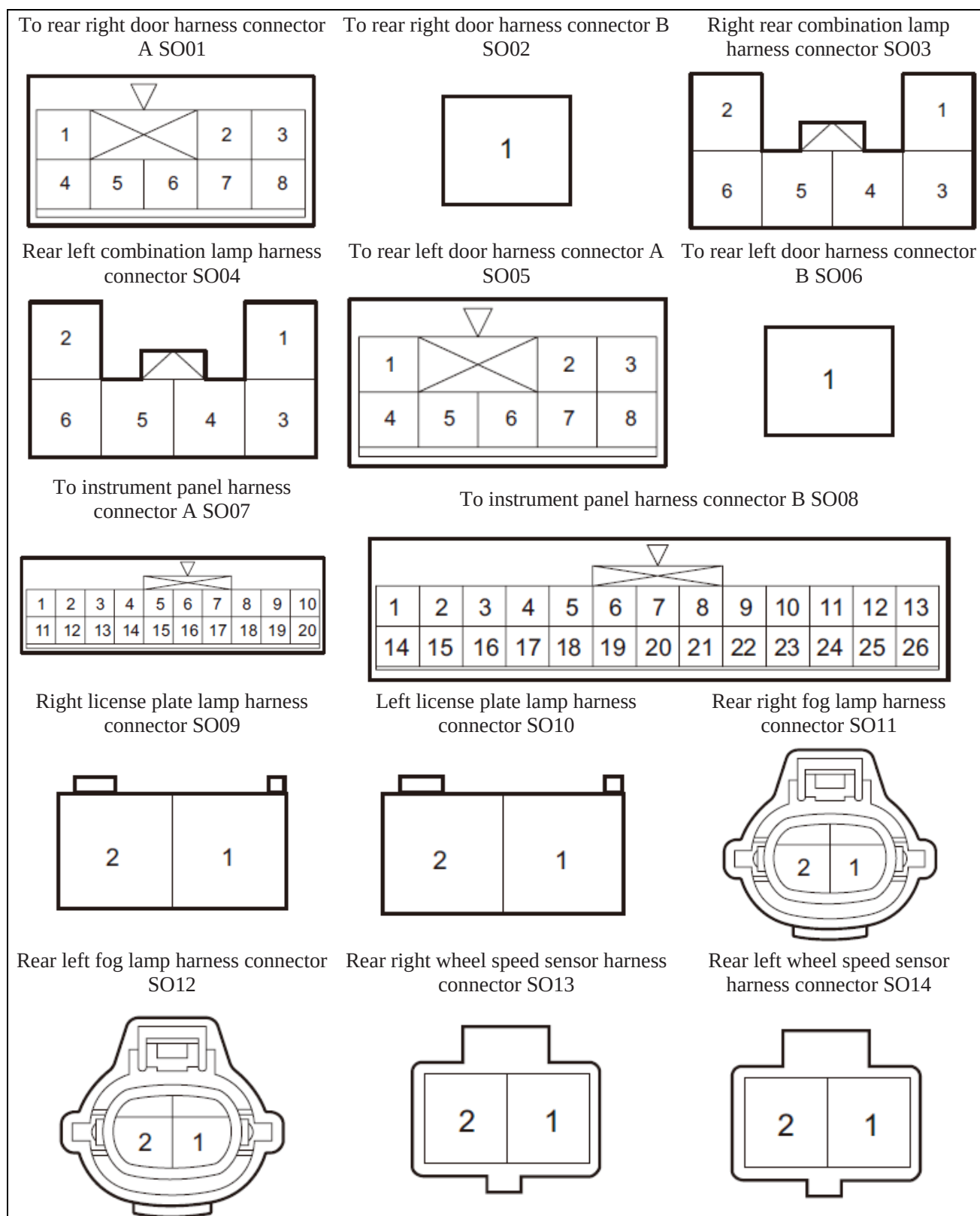


Floor Harness Layout Drawing

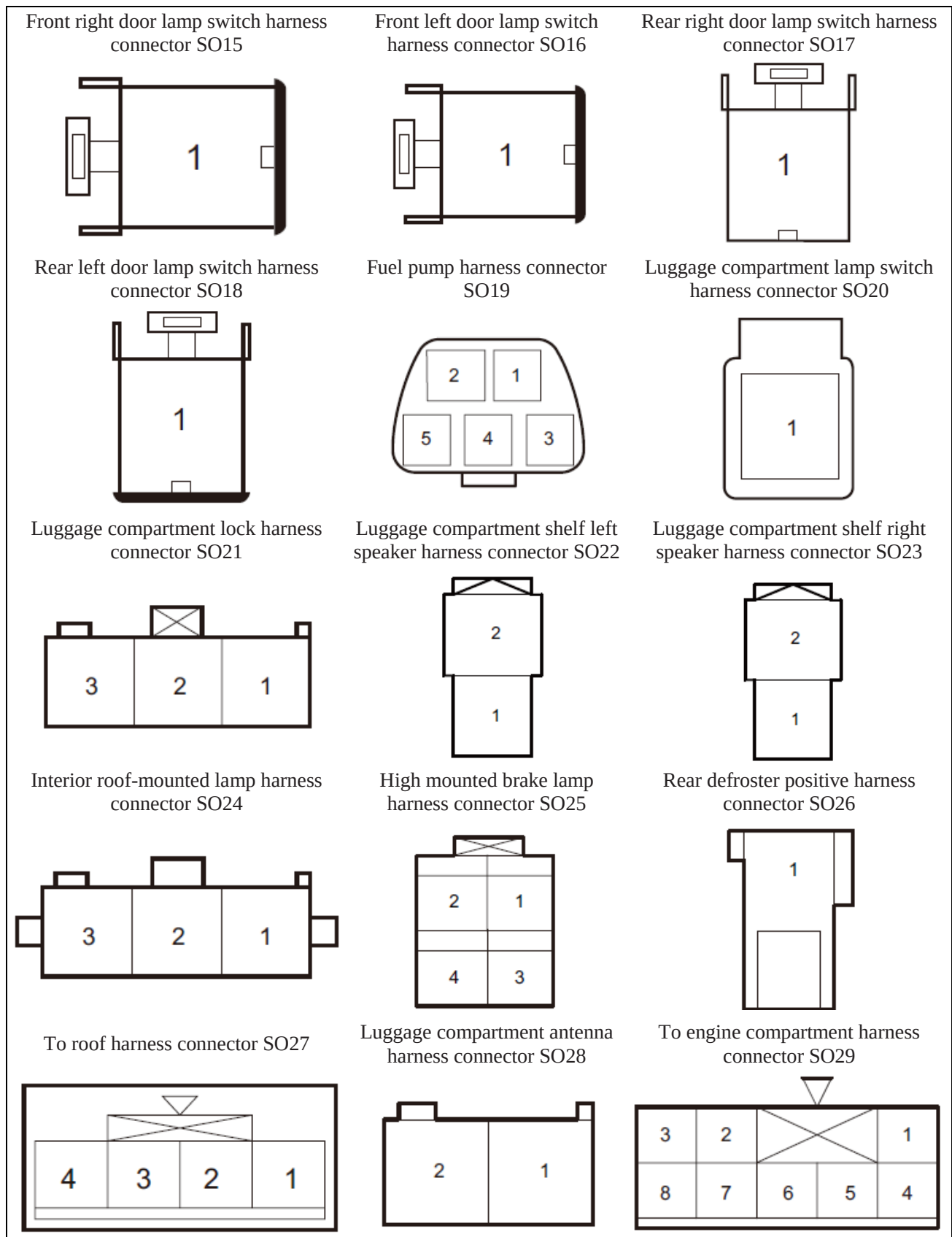


Harness connector	Name	Harness connector	Name
SO01	To rear right door harness connector A	SO24	Interior roof-mounted lamp harness connector
SO02	To rear right door harness connector B	SO25	High mounted brake lamp harness connector
SO03	Right rear combination lamp harness connector	SO26	Rear defroster positive harness connector
SO04	Rear left combination lamp harness connector	SO27	To roof harness connector
SO05	To rear left door harness connector A	SO28	Luggage compartment antenna harness connector
SO06	To rear left door harness connector B	SO29	To engine compartment harness connector
SO07	To instrument panel harness connector A	SO35	Reversing camera harness connector
SO08	To instrument panel harness connector B	SO36	Floor harness connected to rear fog lamp harness connector
SO09	Right license plate lamp harness connector	SO37	Rear fog lamp harness connected to body harness connector
SO10	Left license plate lamp harness connector	SO38	Parking sensor control module harness connector
SO11	Rear right fog lamp harness connector	SO39	Parking sensor probe 1 harness connector
SO12	Rear left fog lamp harness connector	SO40	Parking sensor probe 2 harness connector
SO13	Rear right wheel speed sensor harness connector	SO41	Parking sensor probe 3 harness connector
SO14	Rear left wheel speed sensor harness connector	SO42	Parking sensor probe 4 harness connector
SO15	Front right door lamp switch harness connector	SO43	SOS switch harness connector (GC6)
SO16	Front left door lamp switch harness connector	SO44	E-CALL microphone harness connector (GC6)
SO17	Rear right door lamp switch harness connector	SO45	Interior roof-mounted lamp harness connector (GC6)
SO18	Rear left door lamp switch harness connector	SO46	Sunroof harness connector (New King Kong 2016)
SO19	Fuel pump and fuel level sensor harness connector	SO47	Left parking sensor probe harness connector (New King Kong 2016)
SO20	Luggage compartment lamp switch harness connector	SO48	Middle parking sensor probe harness connector (New King Kong 2016)
SO21	Luggage compartment lock harness connector	SO49	Right parking sensor probe harness connector (New King Kong 2016)
SO22	Luggage compartment shelf left speaker	SO50	Rear left fog lamp harness connector (New King Kong 2016)
SO23	Luggage compartment shelf right speaker	SO51	Rear right fog lamp harness connector (New King Kong 2016)

Terminal Diagram of Floor Harness Connector

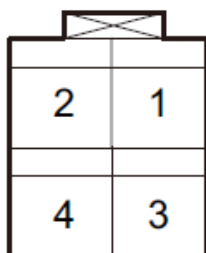


Terminal Diagram of Floor Harness Connector (Continued 1)

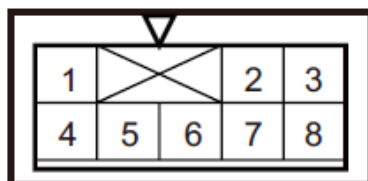


Terminal Diagram of Floor Harness Connector (Continued 2)

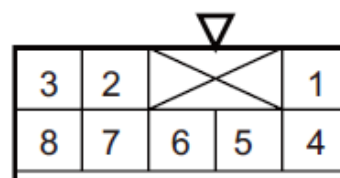
Reversing camera harness connector
SO35



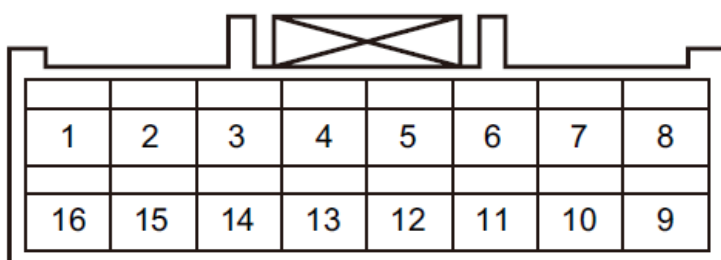
Floor harness connected to rear fog
lamp harness connector SO36



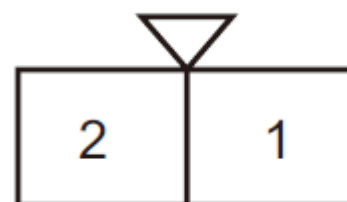
Rear fog lamp harness connected to
body harness connector SO37



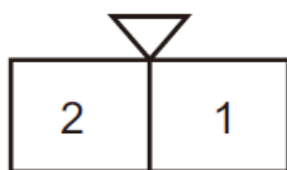
Parking sensor control module harness connector SO38



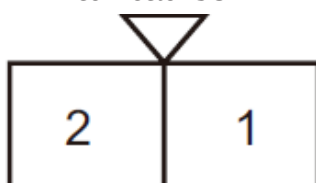
Parking sensor probe 1 harness
connector SO39



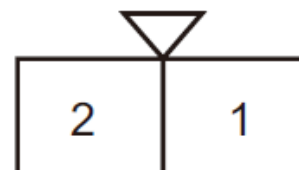
Parking sensor probe 2 harness
connector SO40



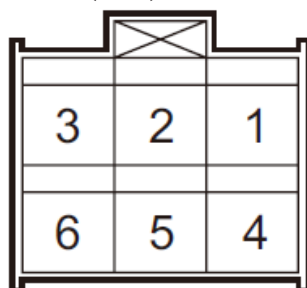
Parking sensor probe 3 harness
connector SO41



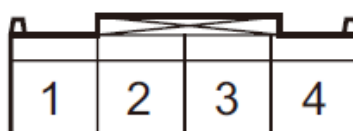
Parking sensor probe 4 harness
connector SO42



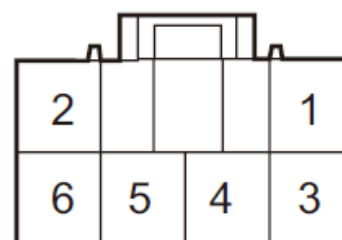
SOS switch harness connector
(GC6) SO43



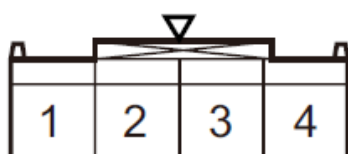
E-CALL microphone harness
connector (GC6) SO44



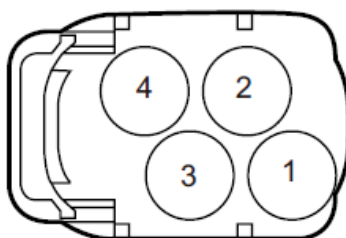
Interior roof-mounted lamp harness
connector (GC6) SO45



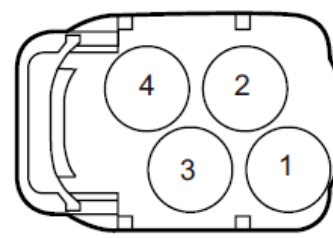
Sunroof harness connector (New
King Kong 2016) SO46



Left parking sensor probe harness
connector (New King Kong 2016)
SO47

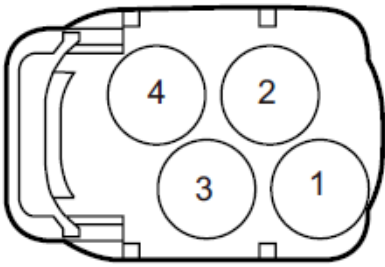


Middle parking sensor probe harness
connector (New King Kong 2016)
SO48

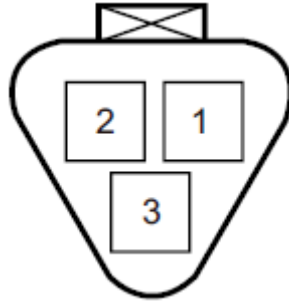


Terminal Diagram of Floor Harness Connector (Continued 3)

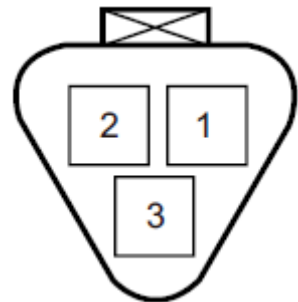
Right parking sensor probe harness
connector (New King Kong 2016)
SO49



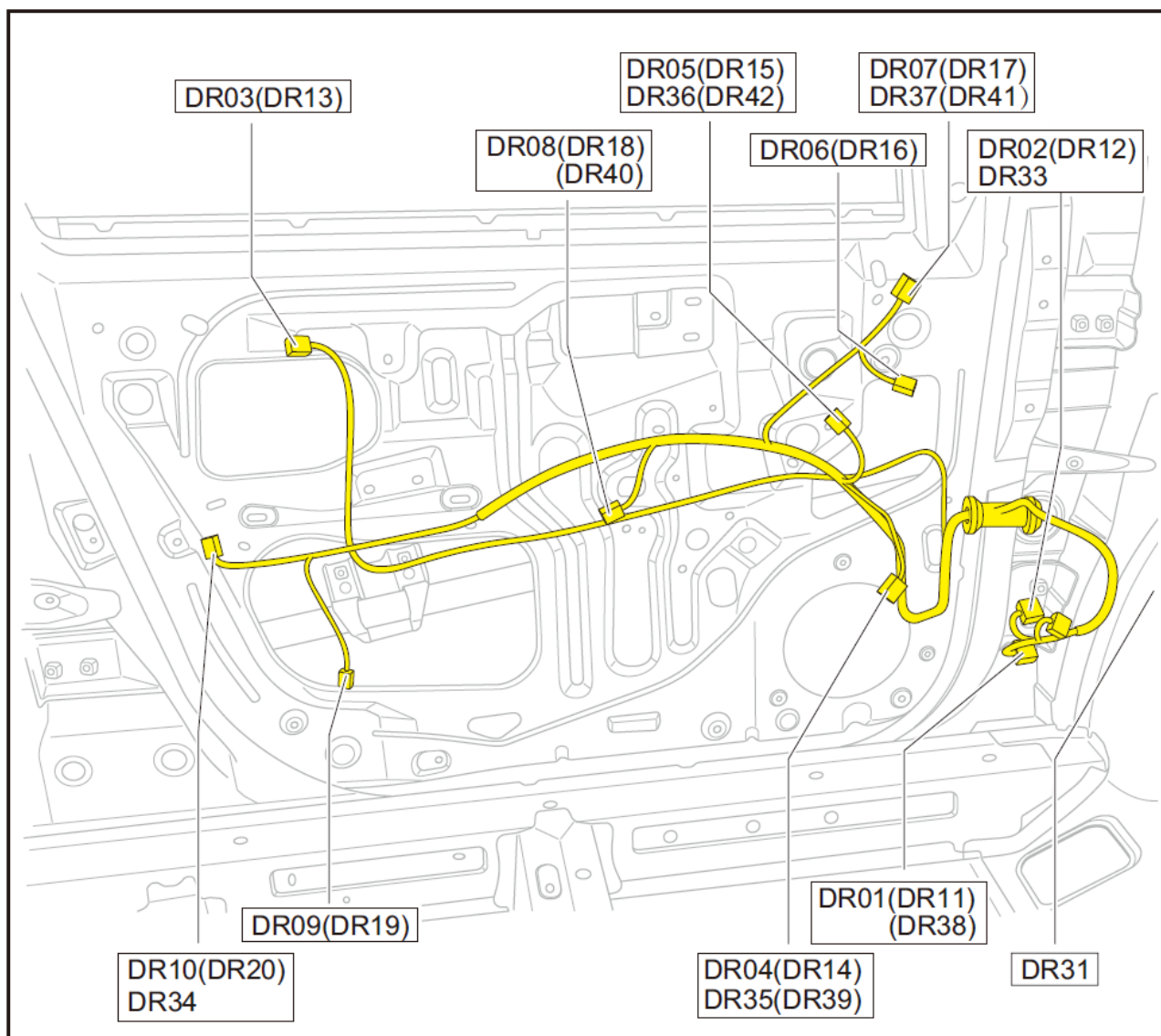
Rear left fog lamp harness connector
(New King Kong 2016) SO50



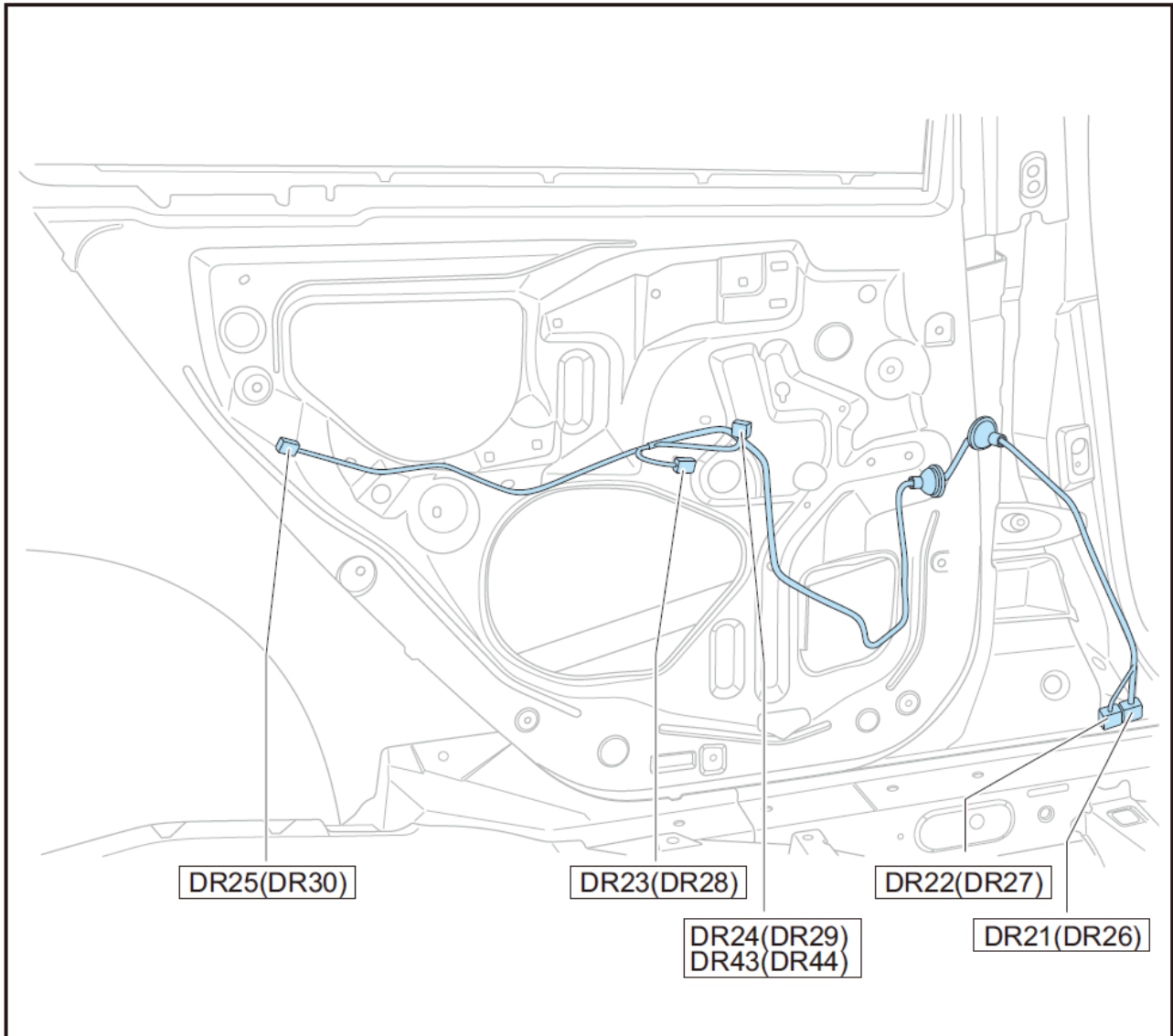
Rear right fog lamp harness
connector (New King Kong 2016)
SO51



Front Door Harness Layout Drawing

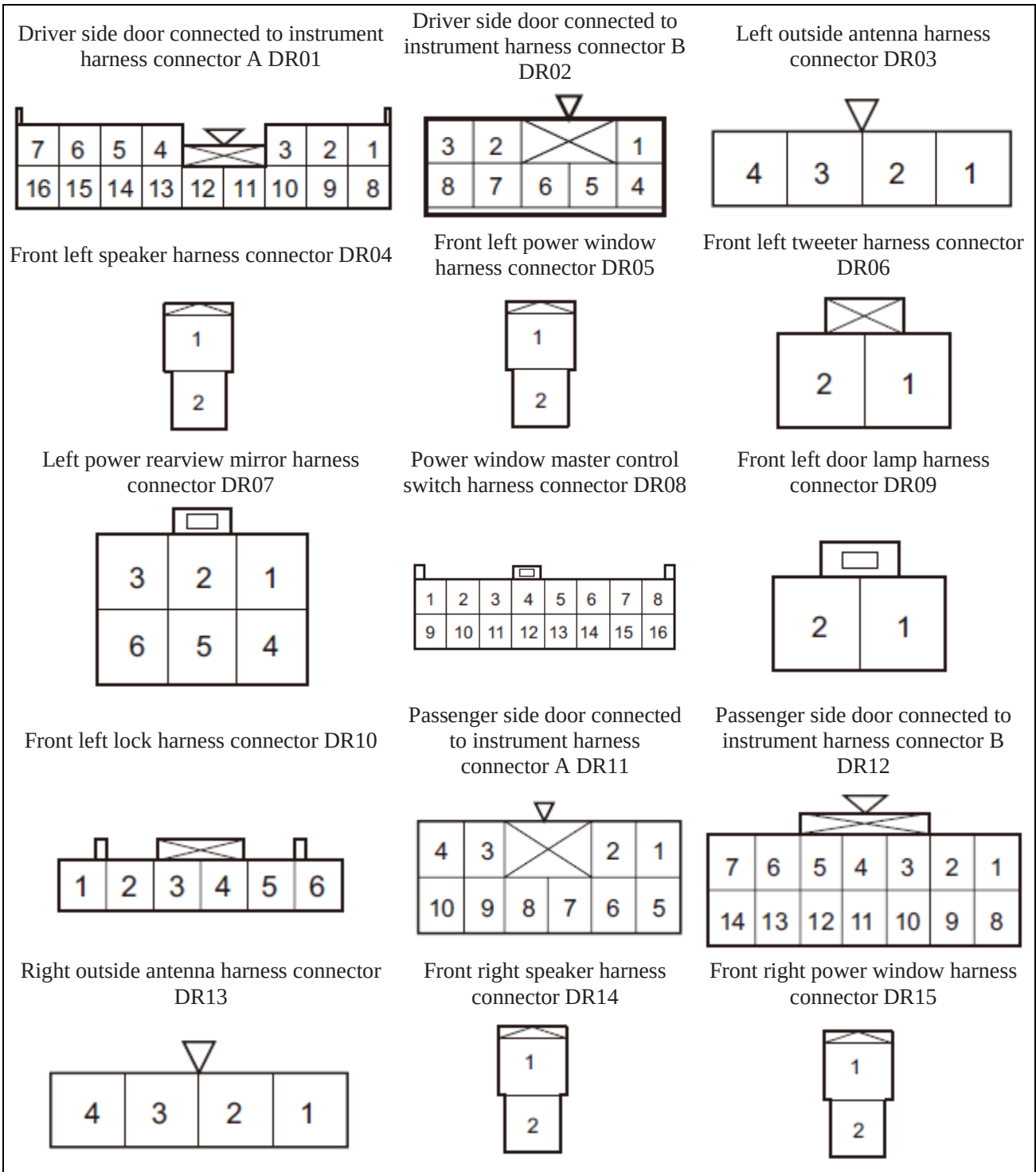


Rear Door Harness Layout Drawing



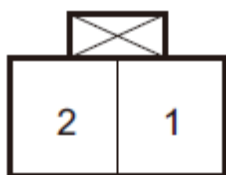
Harness connector	Name	Harness connector	Name
DR01	Driver side door connected to instrument harness connector A	DR23	Rear left power window harness connector
DR02	Driver side door connected to instrument harness connector B	DR24	Rear left power window switch harness connector
DR03	Left outside antenna harness connector	DR25	Rear left lock harness connector
DR04	Front left speaker harness connector	DR26	Rear right door connected to floor harness connector A
DR05	Front left power window harness connector	DR27	Rear right door connected to floor harness connector B
DR06	Front left tweeter harness connector	DR28	Rear right power window harness connector
DR07	Left power rearview mirror harness connector	DR29	Rear right power window switch harness connector
DR08	Power window master control switch harness connector	DR30	Rear right lock harness connector
DR09	Front left door lamp harness connector	DR31	Driver side door connected to instrument harness C
DR10	Front left lock harness connector	DR33	Driver side door connected to instrument harness B (New King Kong 2016)
DR11	Passenger side door connected to instrument harness connector A	DR34	Front left door lock harness connector (New King Kong 2016)
DR12	Passenger side door connected to instrument harness connector B	DR35	Front left speaker harness connector (New King Kong 2016)
DR13	Right outside antenna harness connector	DR36	Front left power window harness connector (New King Kong 2016)
DR14	Front right speaker harness connector	DR37	Front left power rearview mirror harness connector (New King Kong 2016)
DR15	Front right power window harness connector	DR38	Passenger side door connected to instrument harness connector A (New King Kong 2016)
DR16	Front right tweeter harness connector	DR39	Front right speaker harness connector (New King Kong 2016)
DR17	Right power rearview mirror harness connector	DR40	Front right power window harness connector (New King Kong 2016)
DR18	Front right power window switch harness connector	DR41	Front right power rearview mirror harness connector (New King Kong 2016)
DR19	Front right door lamp harness connector	DR42	Front right power window switch harness connector (New King Kong 2016)
DR20	Front right lock harness connector	DR43	Rear left power window switch harness connector (New King Kong 2016)
DR21	Rear left door connected to floor harness connector A	DR44	Rear right power window switch harness connector (New King Kong 2016)
DR22	Rear left door connected to floor harness connector B		

Terminal Diagram of Door Harness Connector

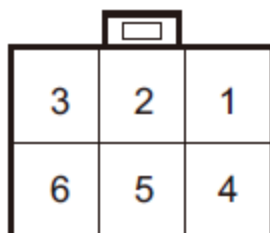


Terminal Diagram of Door Harness Connector (Continued)

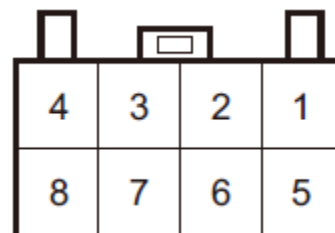
Front right tweeter harness connector DR16



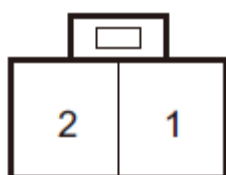
Right power rearview mirror harness connector DR17



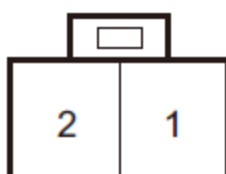
Front right power window switch harness connector DR18



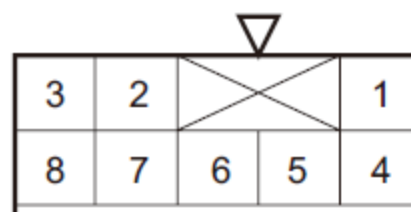
Front right door lamp harness connector DR19



Front right lock harness connector DR20



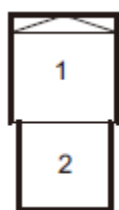
Rear left door connected to floor harness connector A DR21



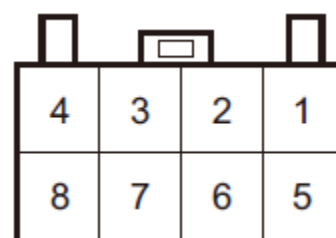
Rear left door connected to floor harness connector B DR22



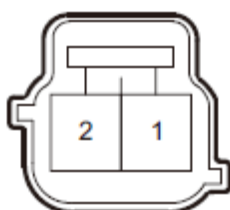
Rear left power window harness connector DR23



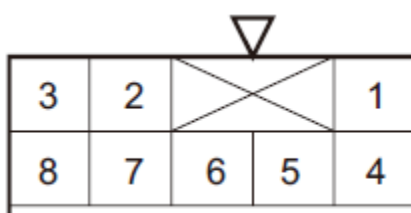
Rear left power window switch harness connector 4 DR24



Rear left lock harness connector DR25



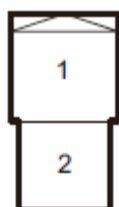
Rear right door connected to floor harness connector A DR26



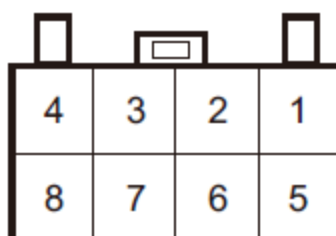
Rear right door connected to floor harness connector B DR27



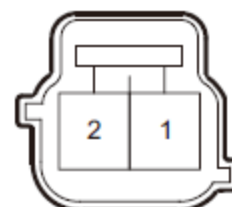
Rear right power window harness connector DR28



Rear right power window switch harness connector DR29

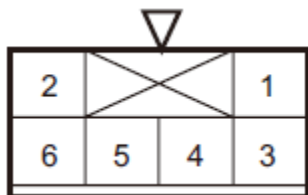


Rear right lock harness connector DR30

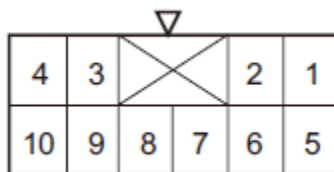


Terminal Diagram of Door Harness Connector (Continued 1)

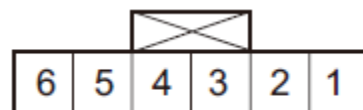
Driver side door connected to instrument harness C DR31



Driver side door connected to instrument harness B (New King Kong 2016) DR33



Front left door lock harness connector (New King Kong 2016) DR34



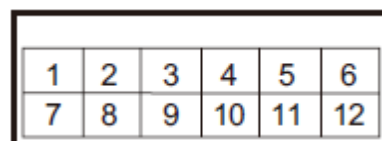
Front left speaker harness connector (New King Kong 2016) DR35



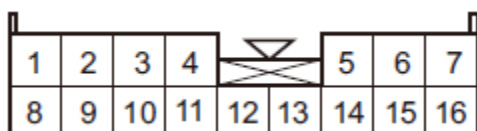
Front left power window harness connector (New King Kong 2016) DR36



Front left power rearview mirror harness connector (New King Kong 2016) DR37



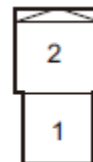
Passenger side door connected to instrument harness connector A (New King Kong 2016) DR38



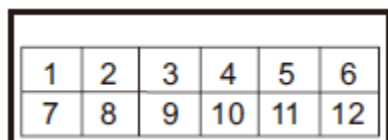
Front right speaker harness connector (New King Kong 2016) DR39



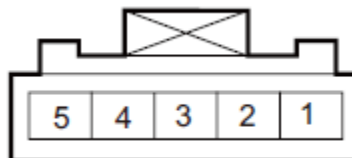
Front right power window harness connector (New King Kong 2016) DR40



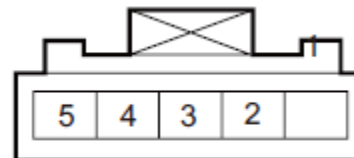
Front right power rearview mirror harness connector (New King Kong 2016) DR41



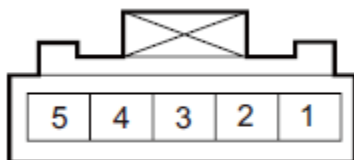
Front right power window switch harness connector (New King Kong 2016) DR42



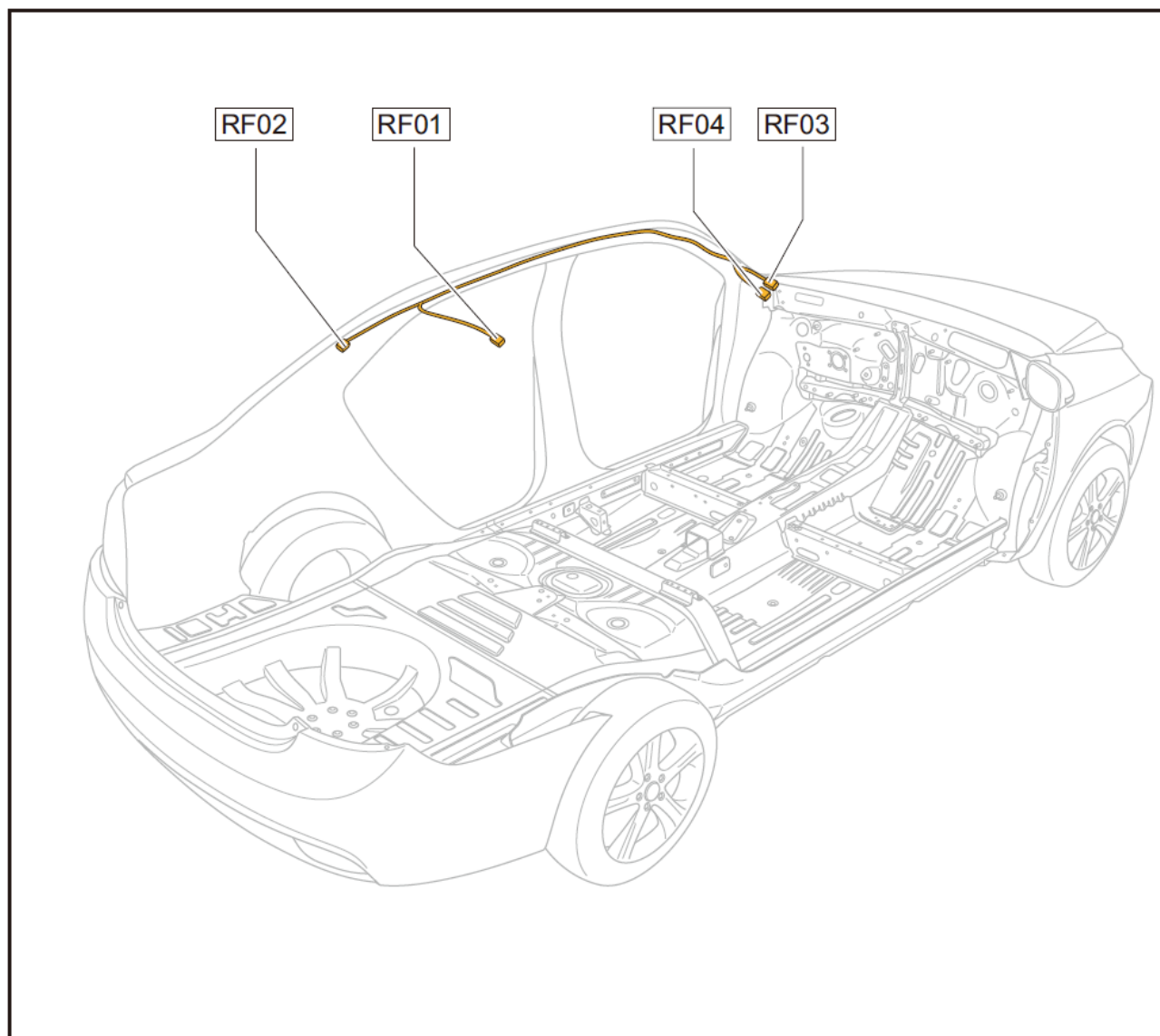
Rear left power window switch harness connector (New King Kong 2016) DR43



Rear right power window switch harness connector (New King Kong 2016) DR44

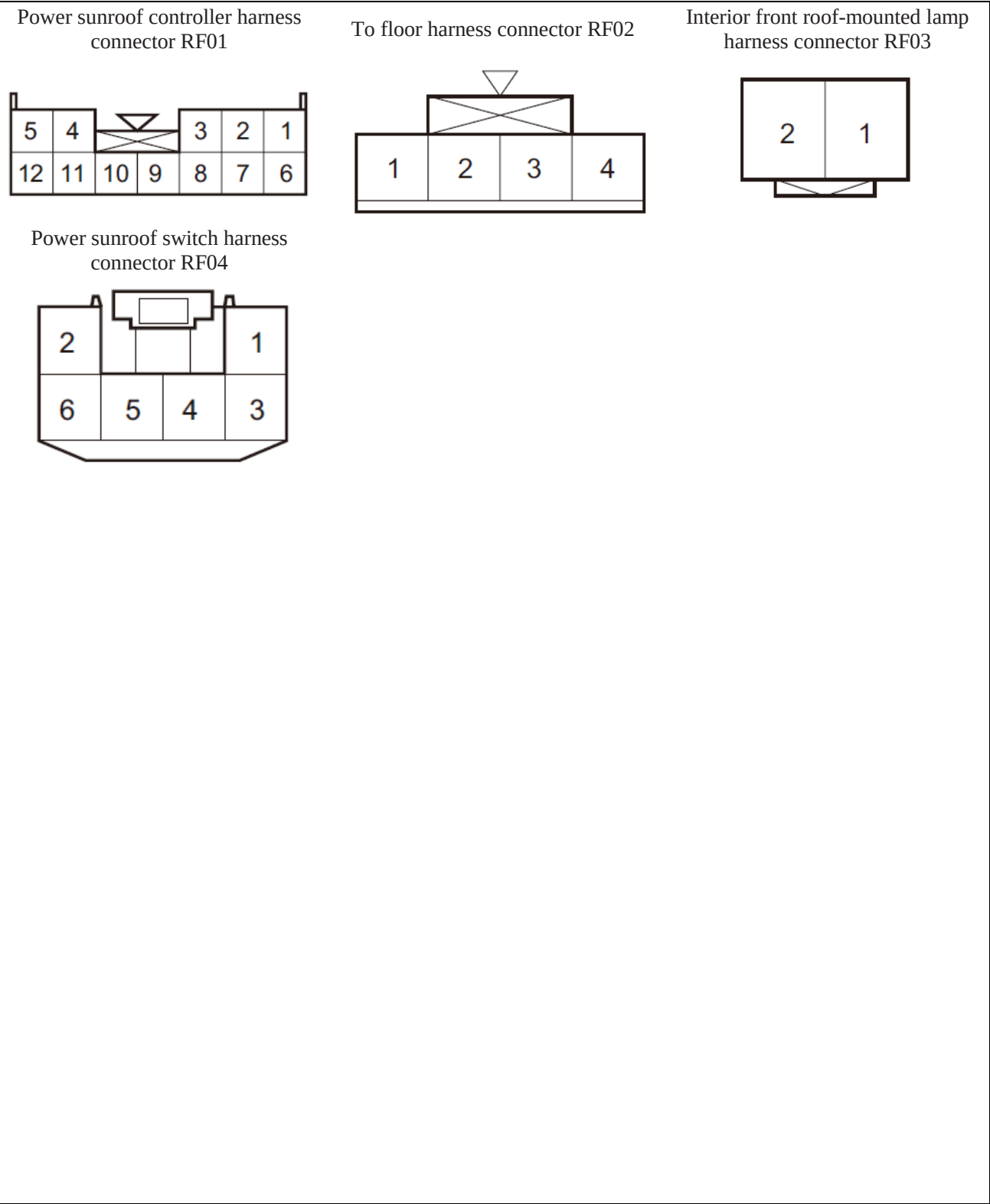


Roof Harness Layout Drawing



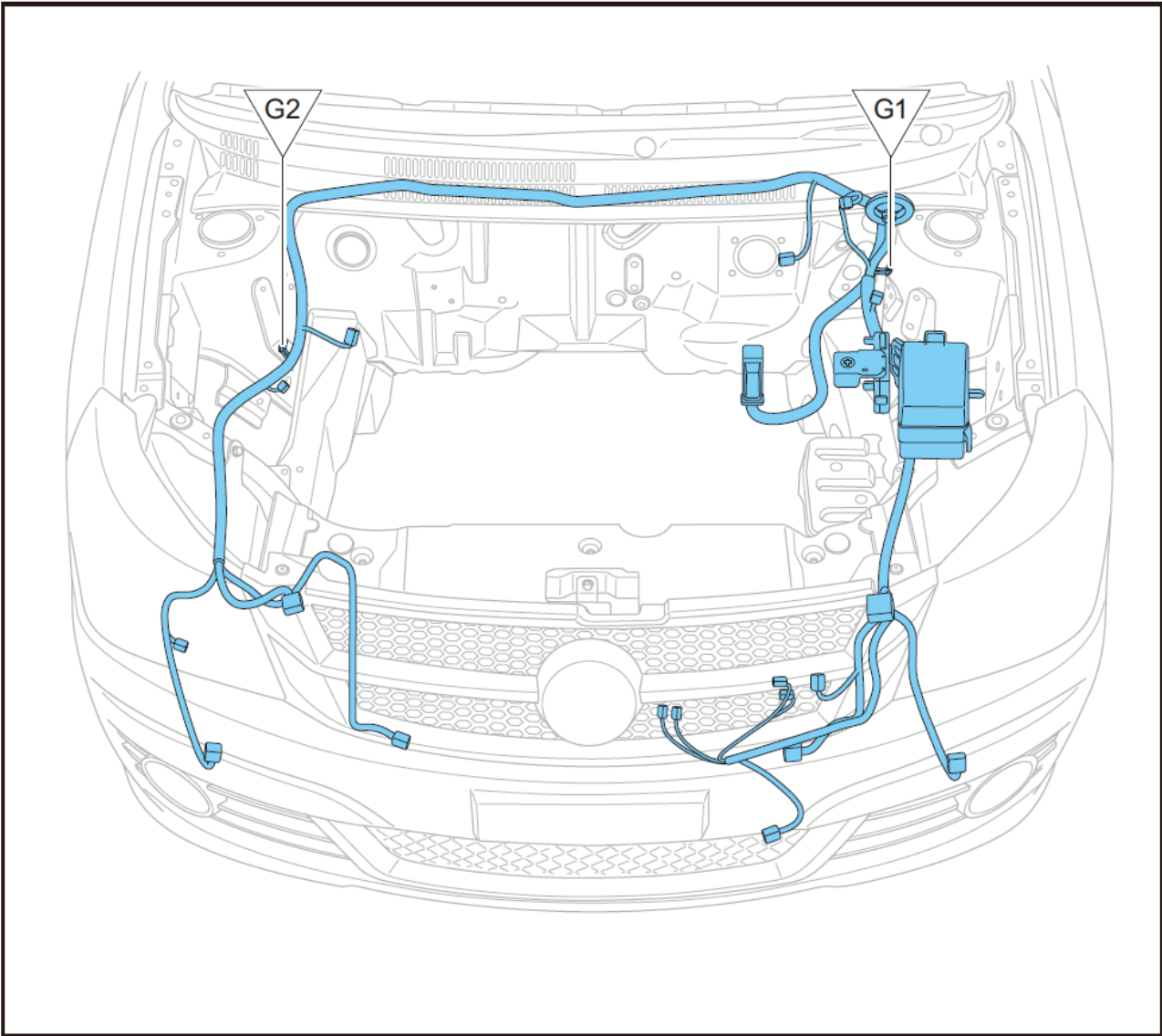
Harness connector	Name	Harness connector	Name
RF01	Power sunroof controller harness connector	RF03	Interior front roof-mounted lamp harness connector
RF02	Power sunroof switch harness connector	RF04	Power sunroof switch harness connector

Terminal Diagram of Roof Harness Connector

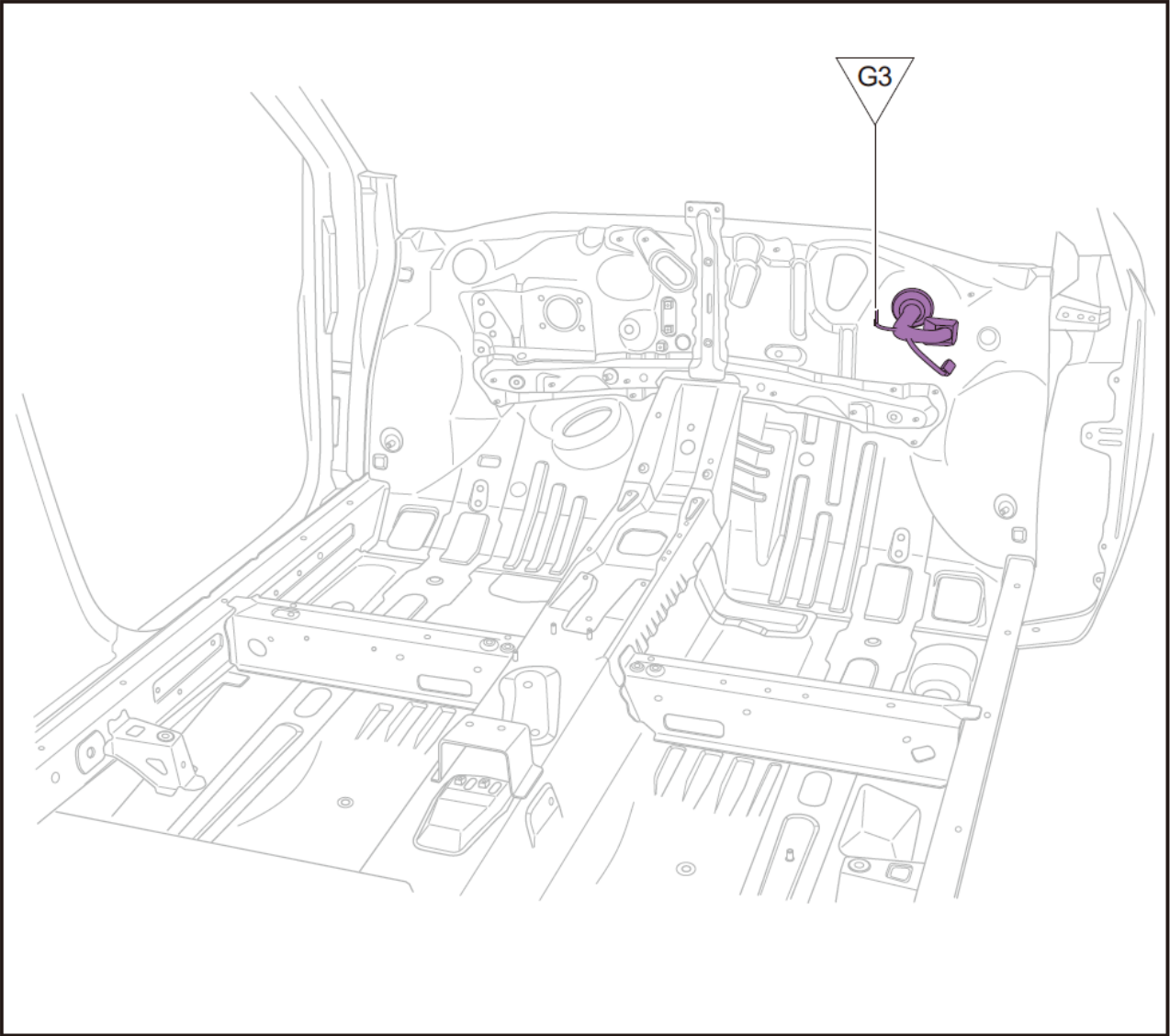


13.6 Layout of grounding points

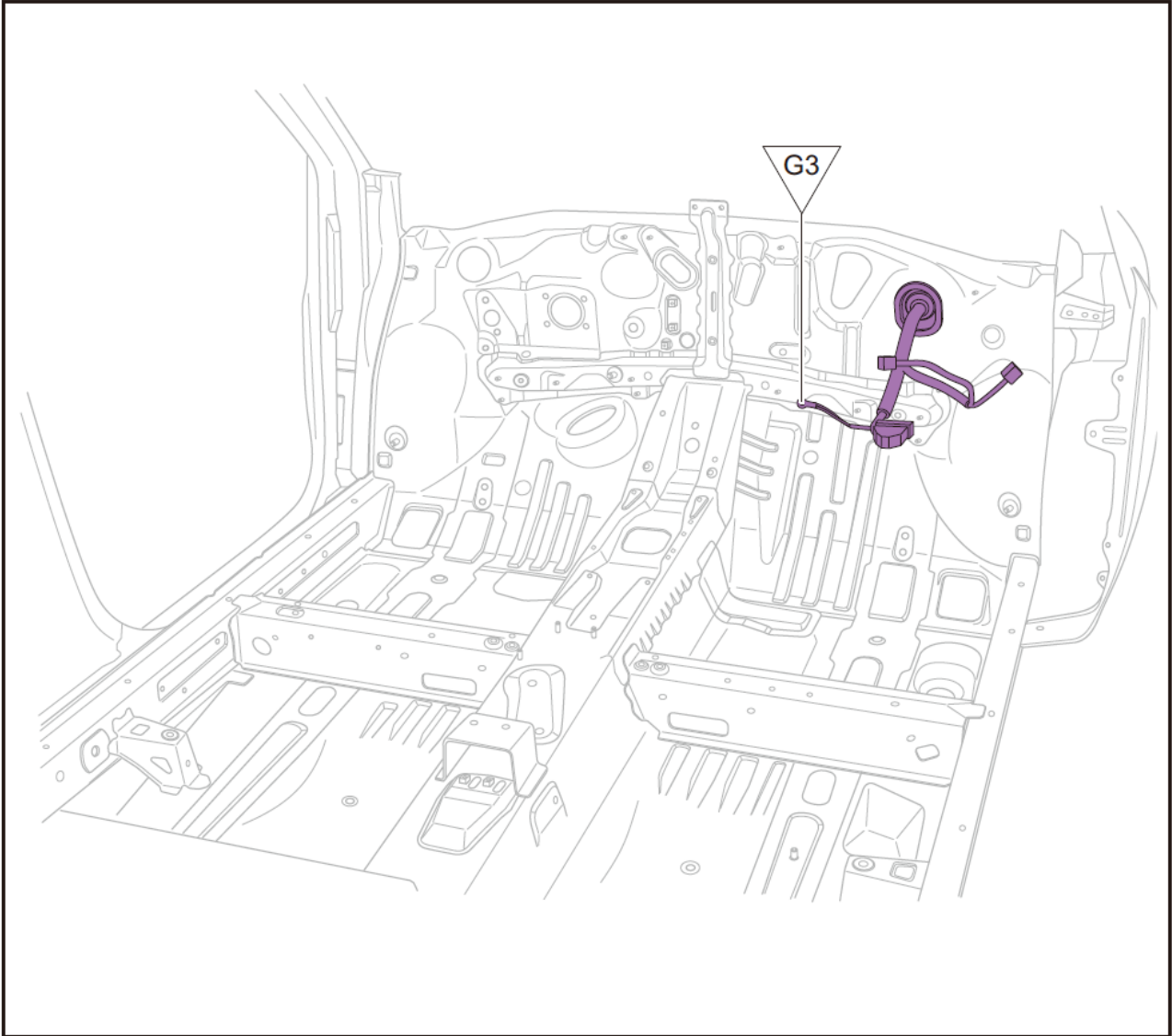
Engine Compartment Grounding Point Layout Drawing



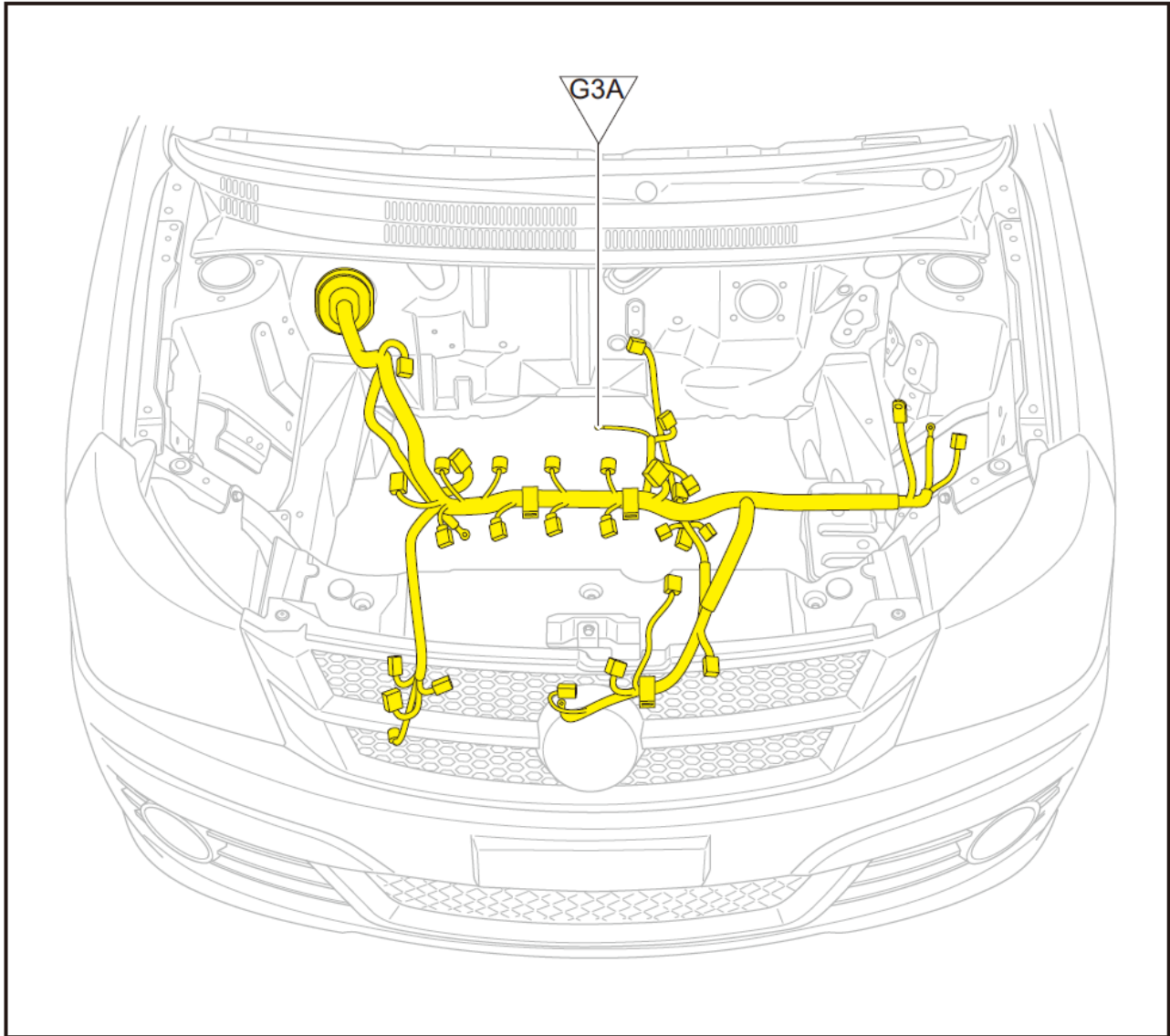
Engine Grounding Point Layout Drawing (MR479QN/MR479QA)



Engine Grounding Point Layout Drawing (JLB-4G15)



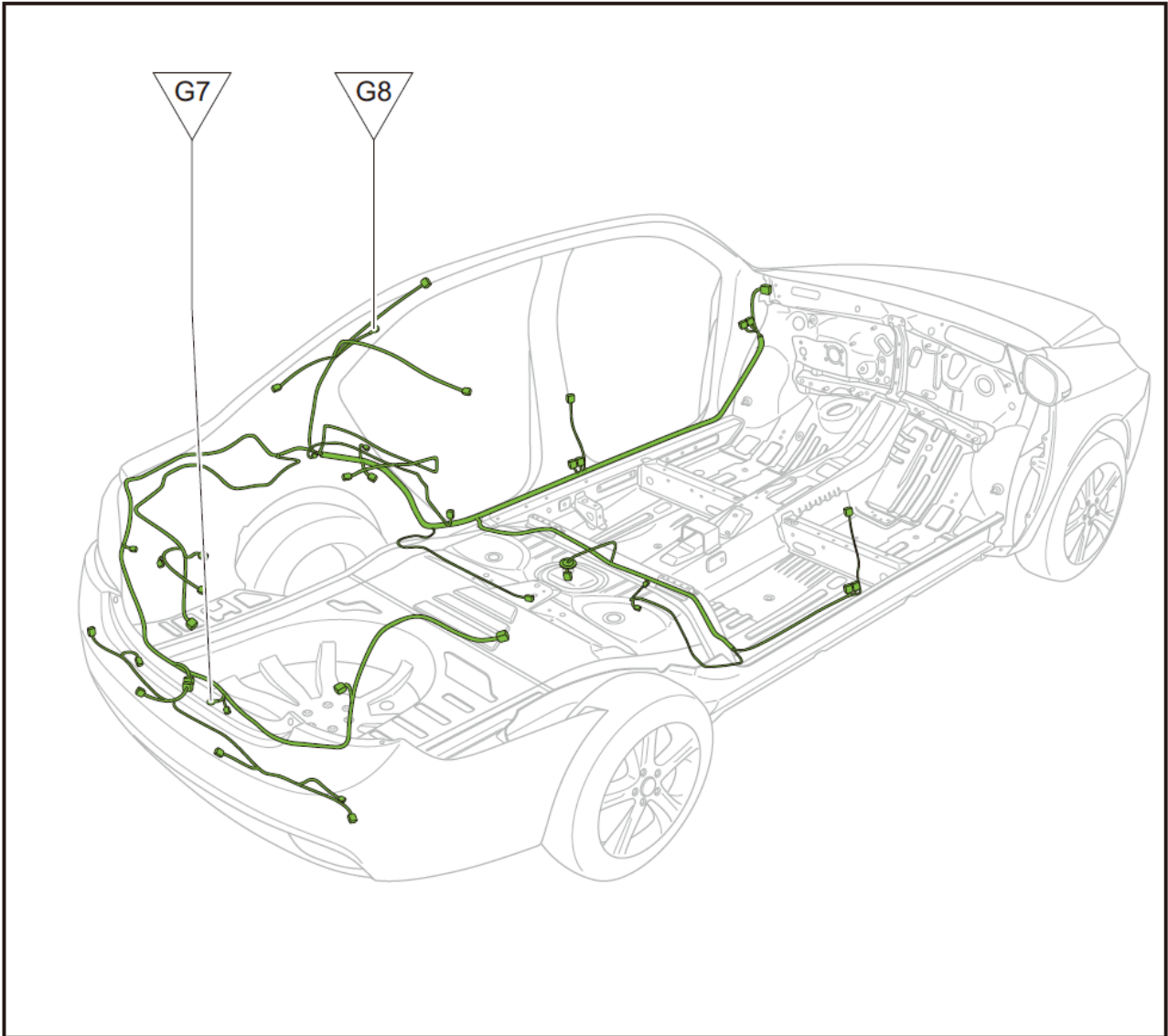
Engine Grounding Point Layout Drawing (Continued) (JLB-4G15)



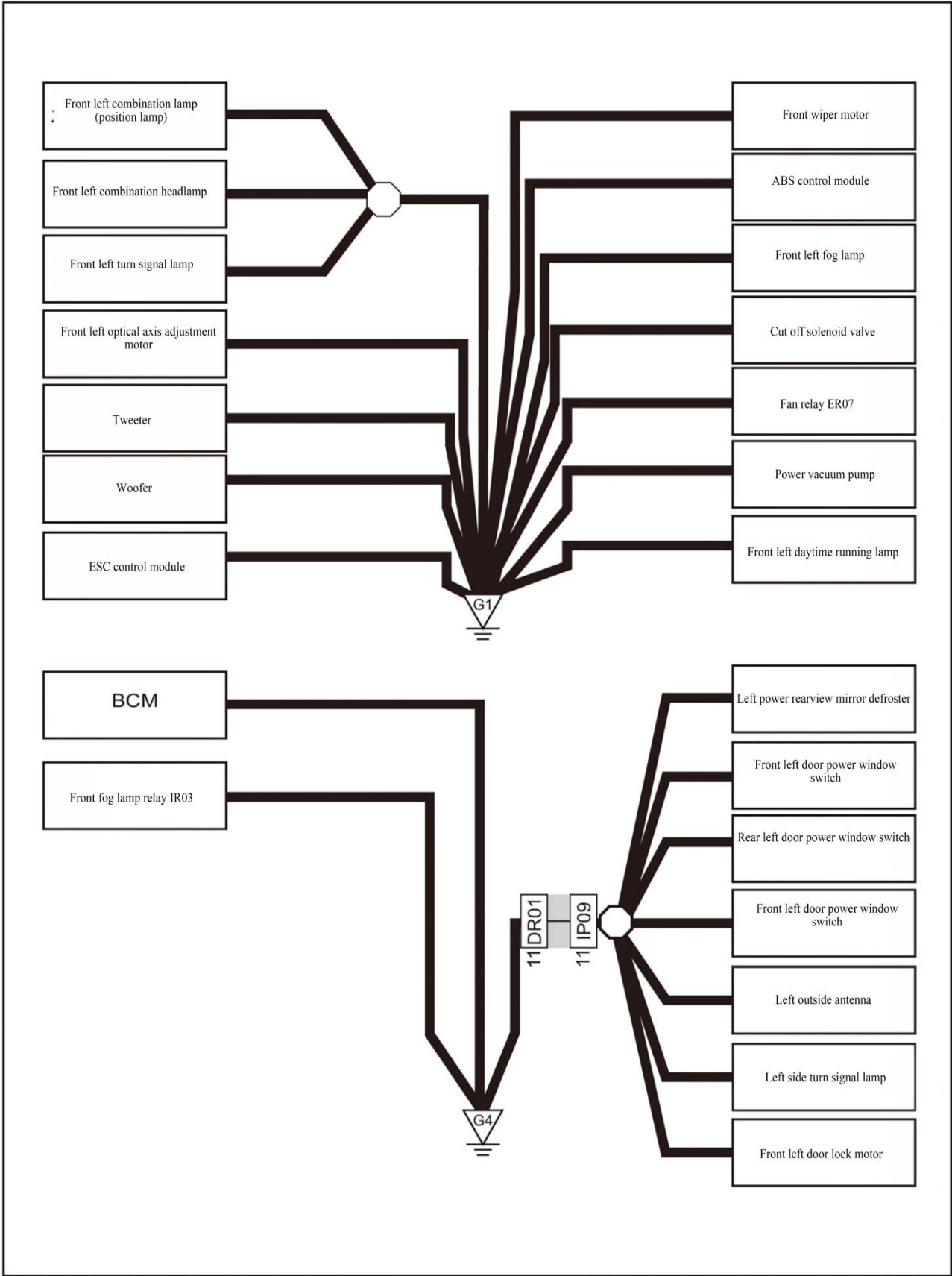
Instrument Grounding Point Layout Drawing



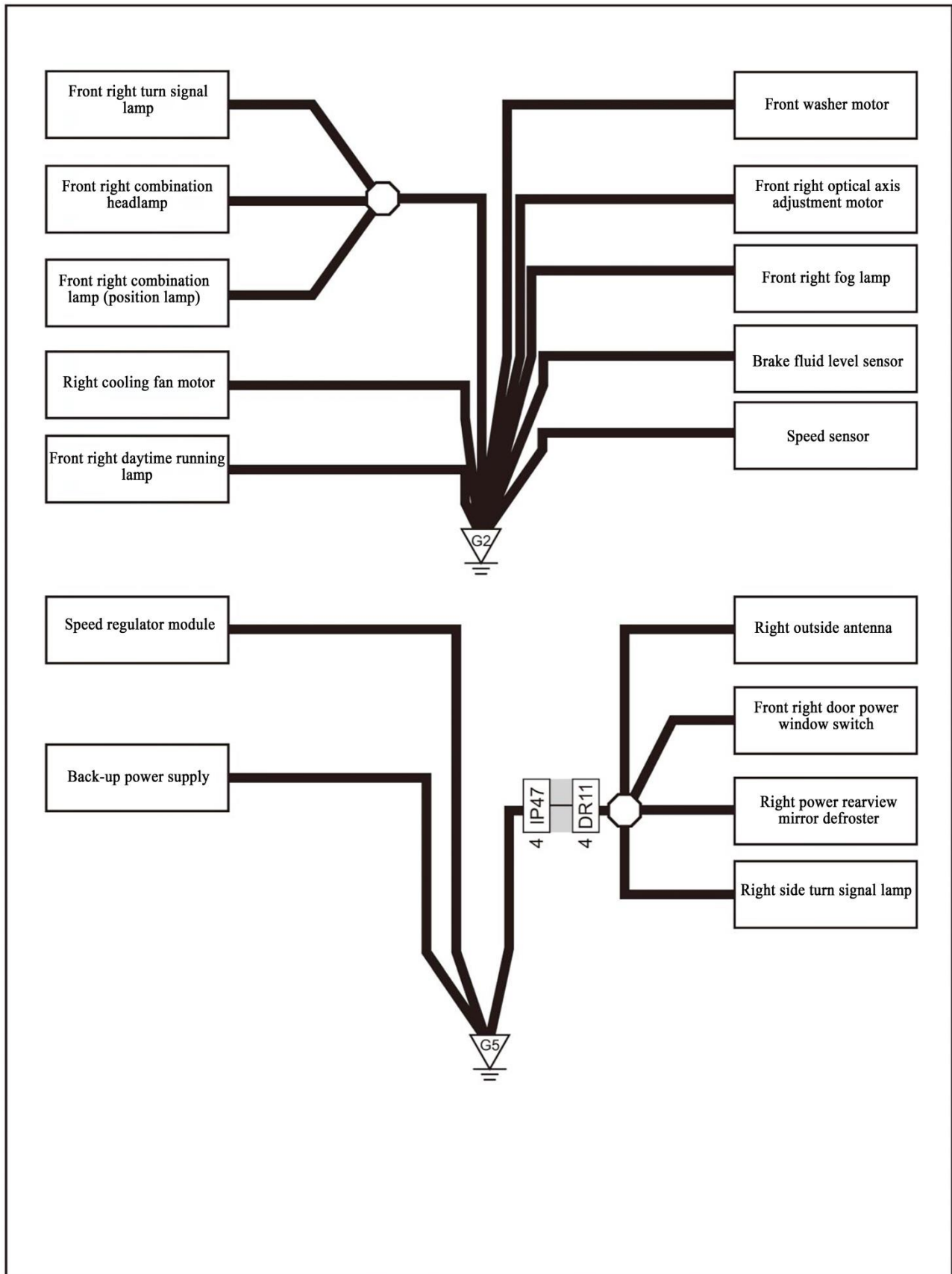
Floor Grounding Point Layout Drawing



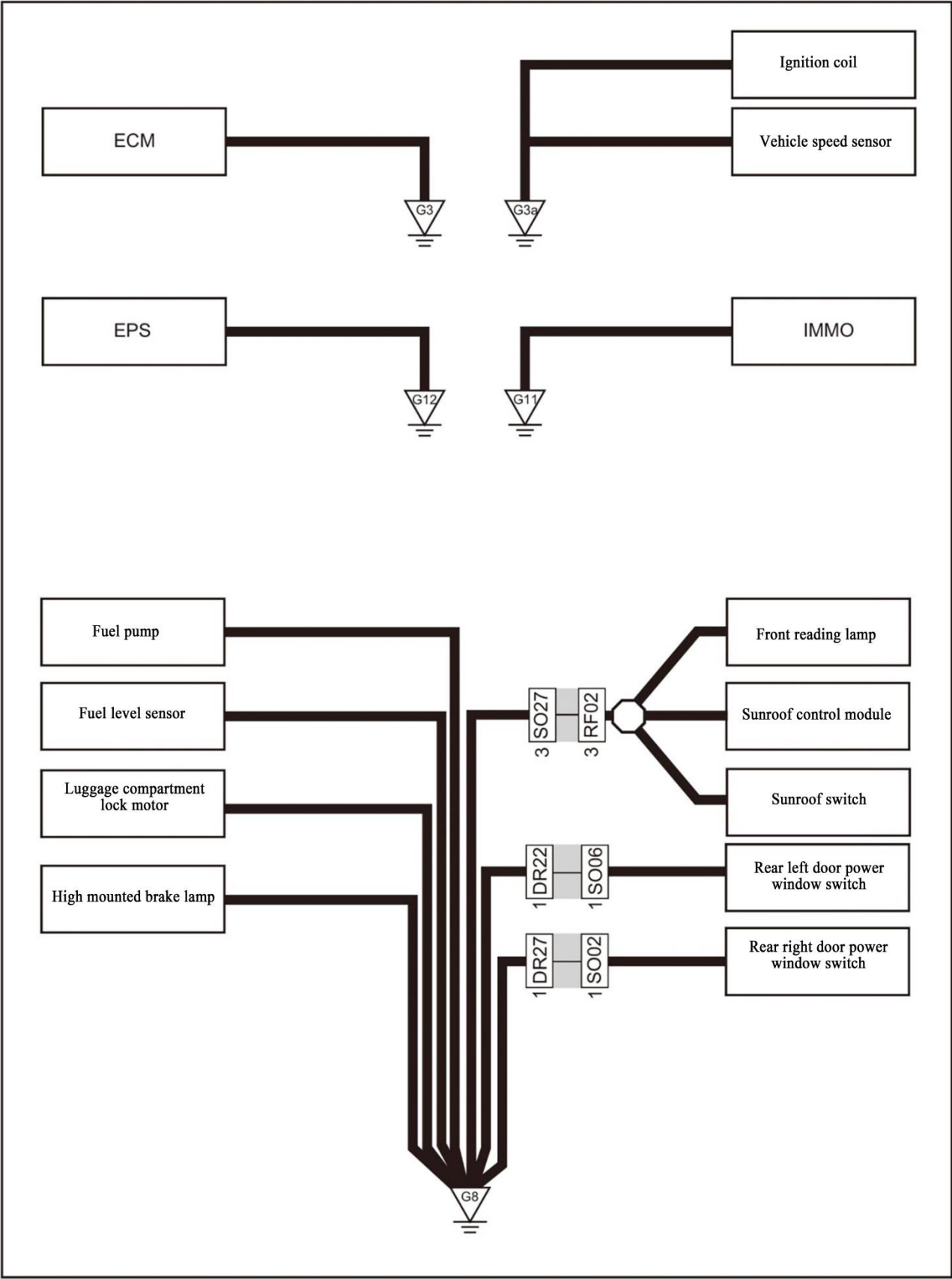
Grounding Circuit Drawing 1 (G1, G4)



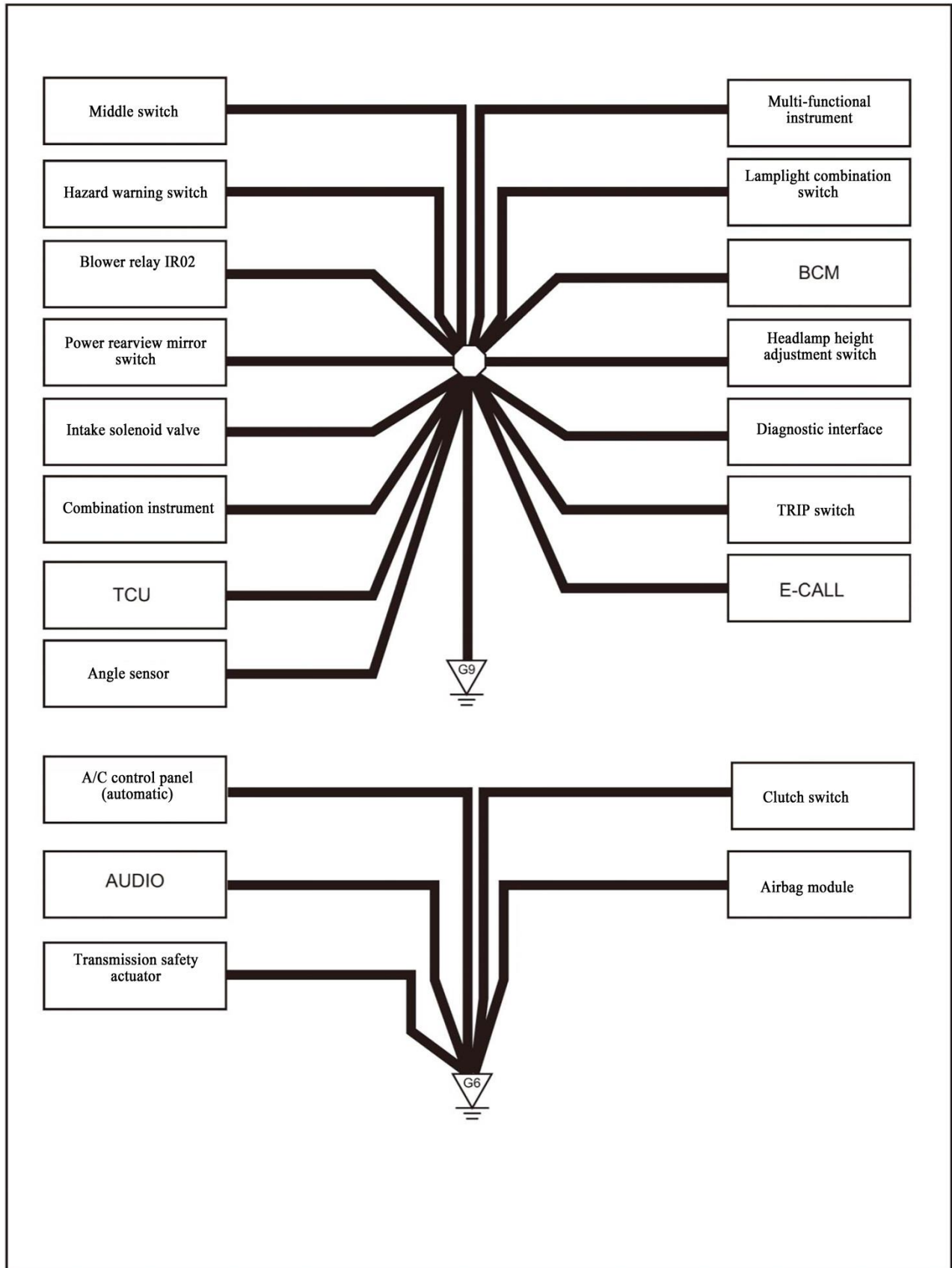
Grounding Circuit Drawing 2 (G2, G5)



Grounding Circuit Drawing 3 (G3, G3a, G8, G11, G12)

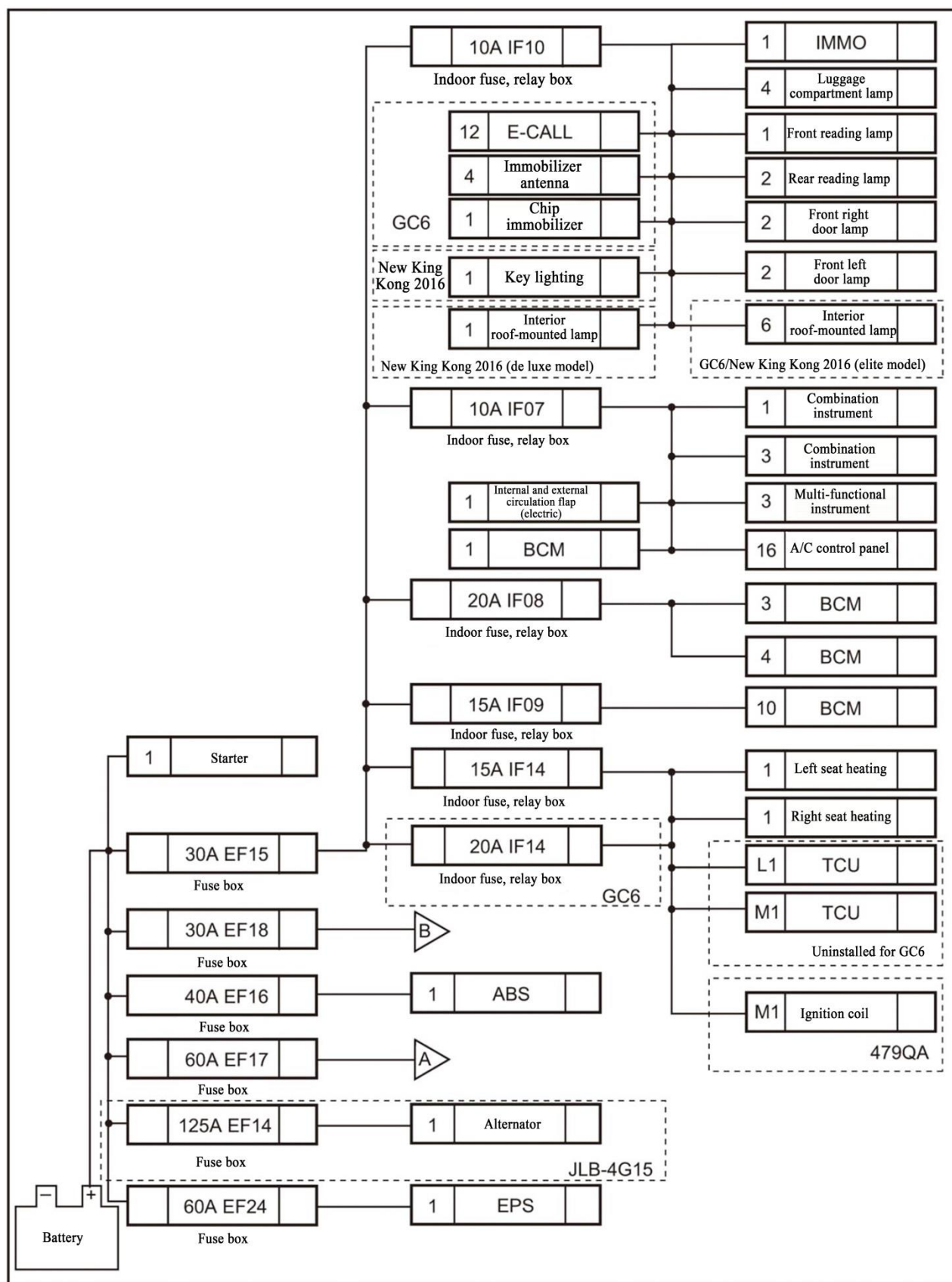


Grounding Circuit Drawing 4 (G6, G9)

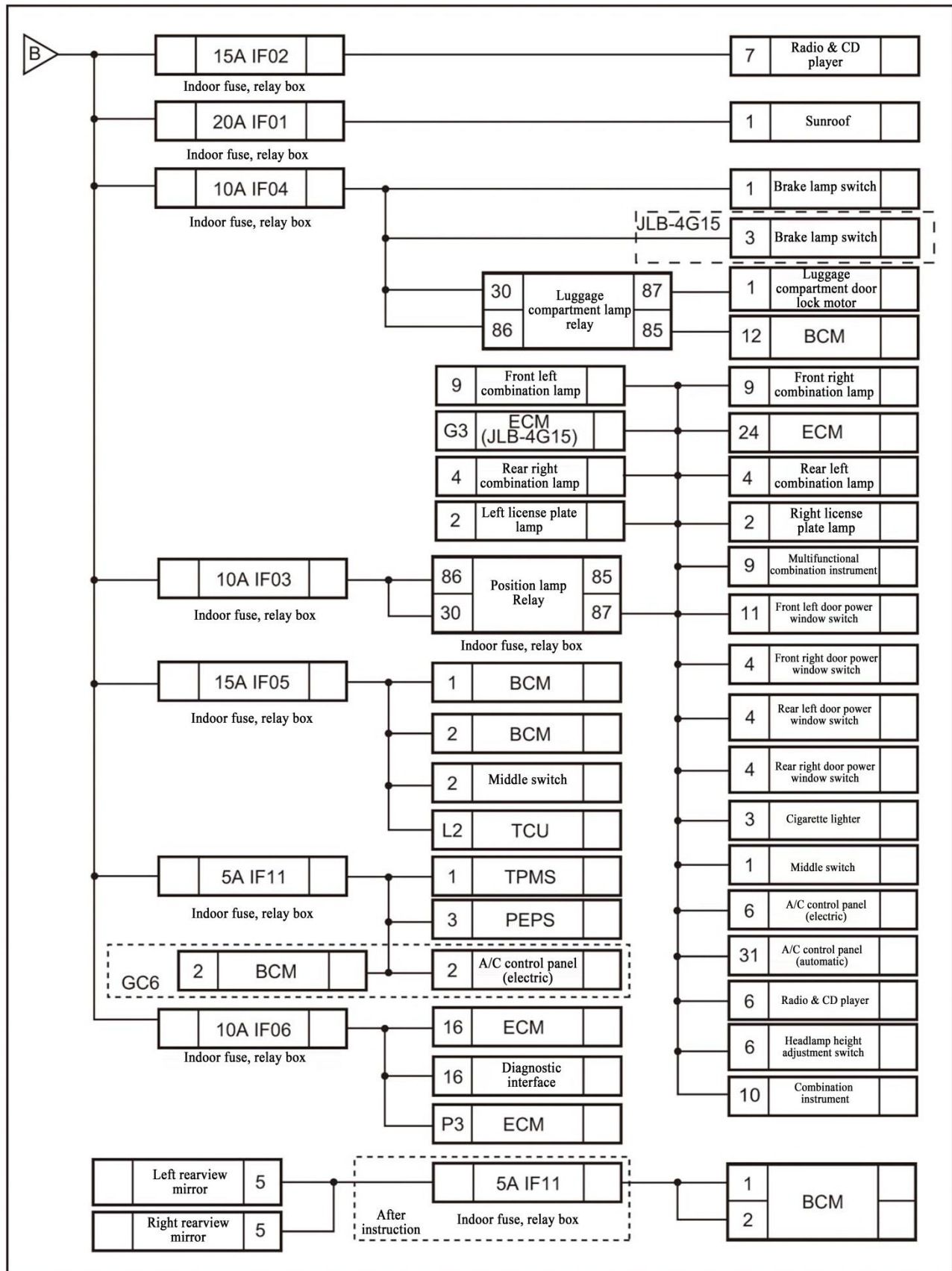


13.7 Power supply configuration

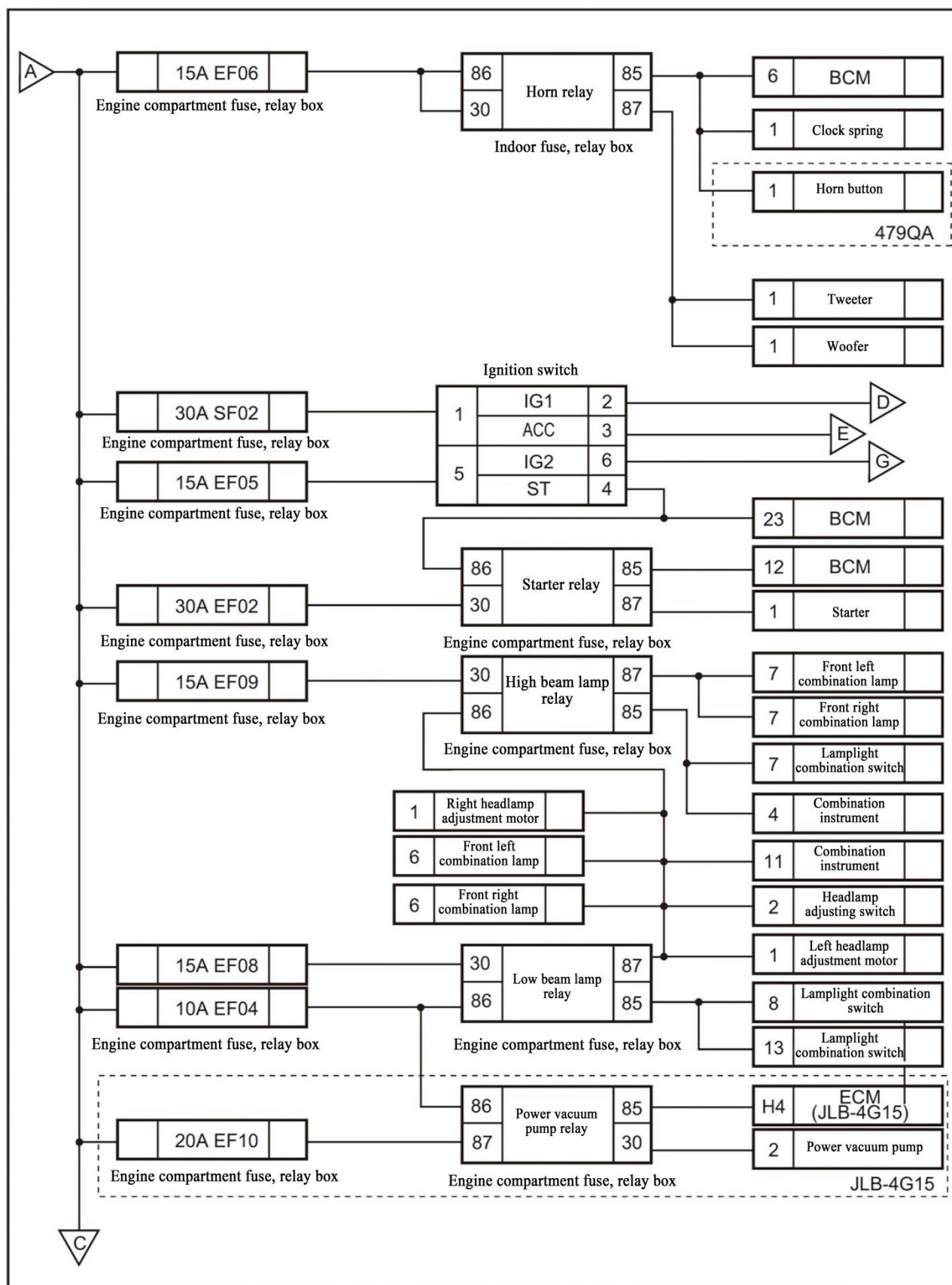
Power Supply Configuration Circuit Diagram 1



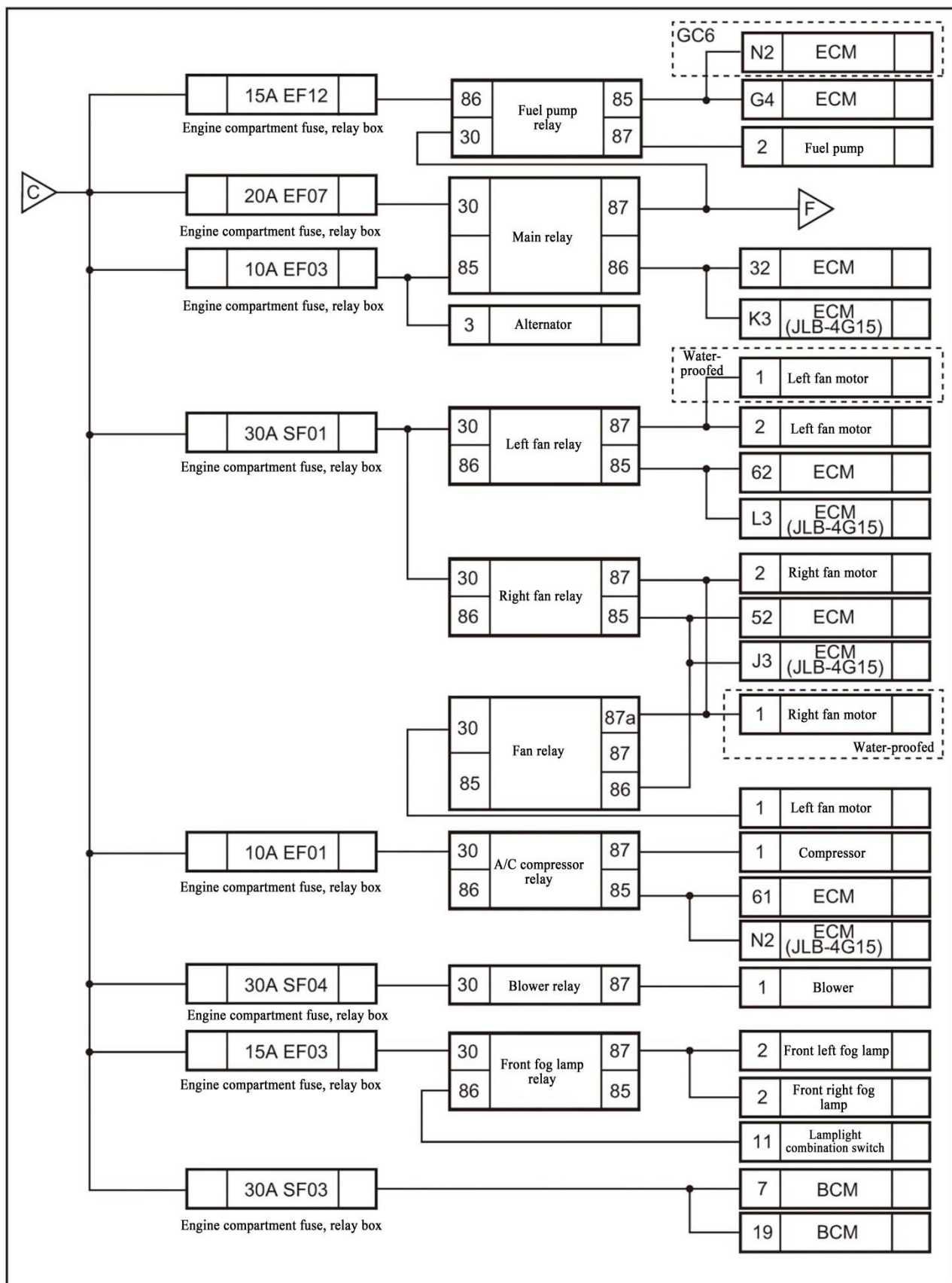
Power Supply Configuration Circuit Diagram 2



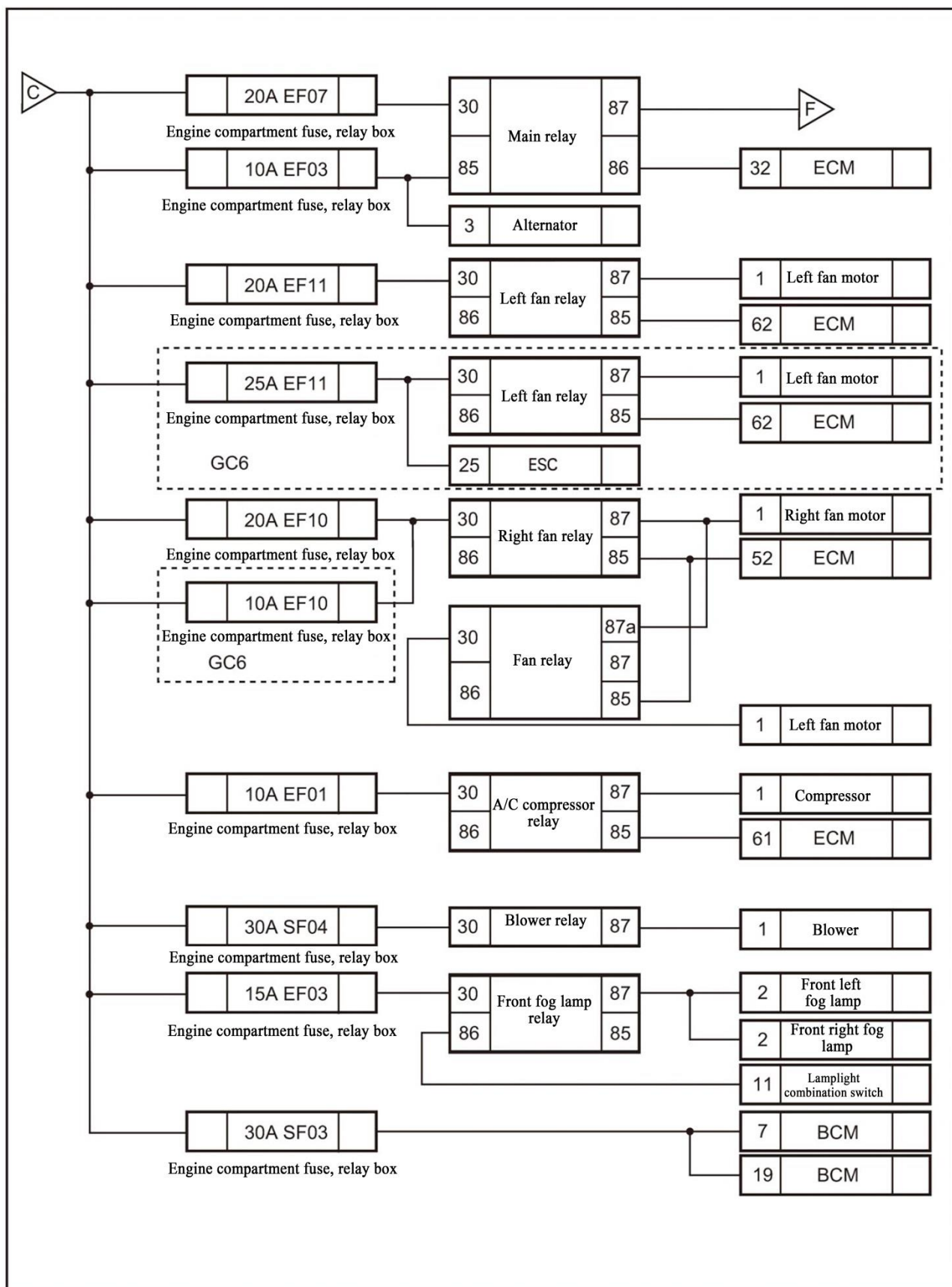
Power Supply Configuration Circuit Diagram 3



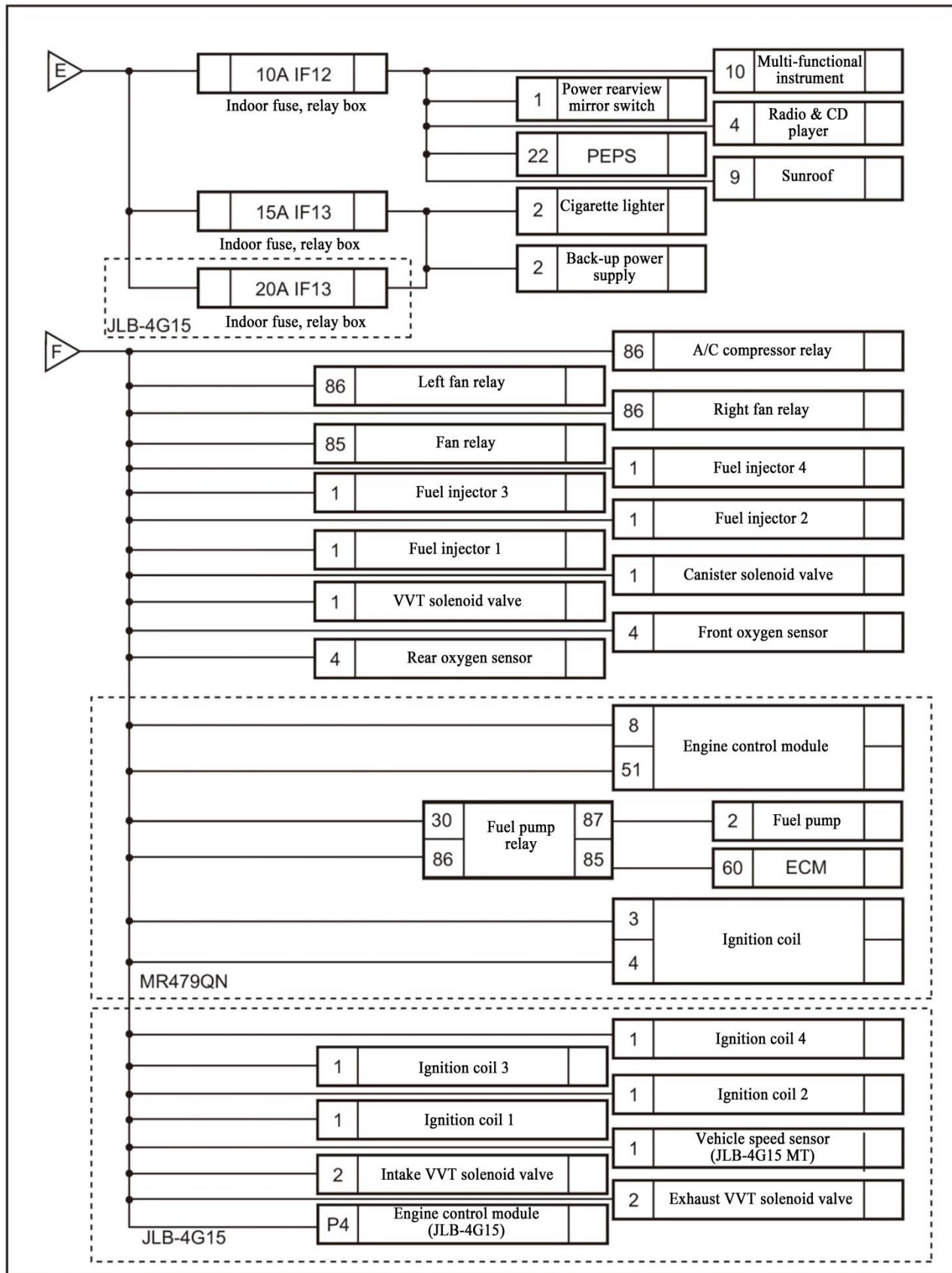
Power Supply Configuration Circuit Diagram 4



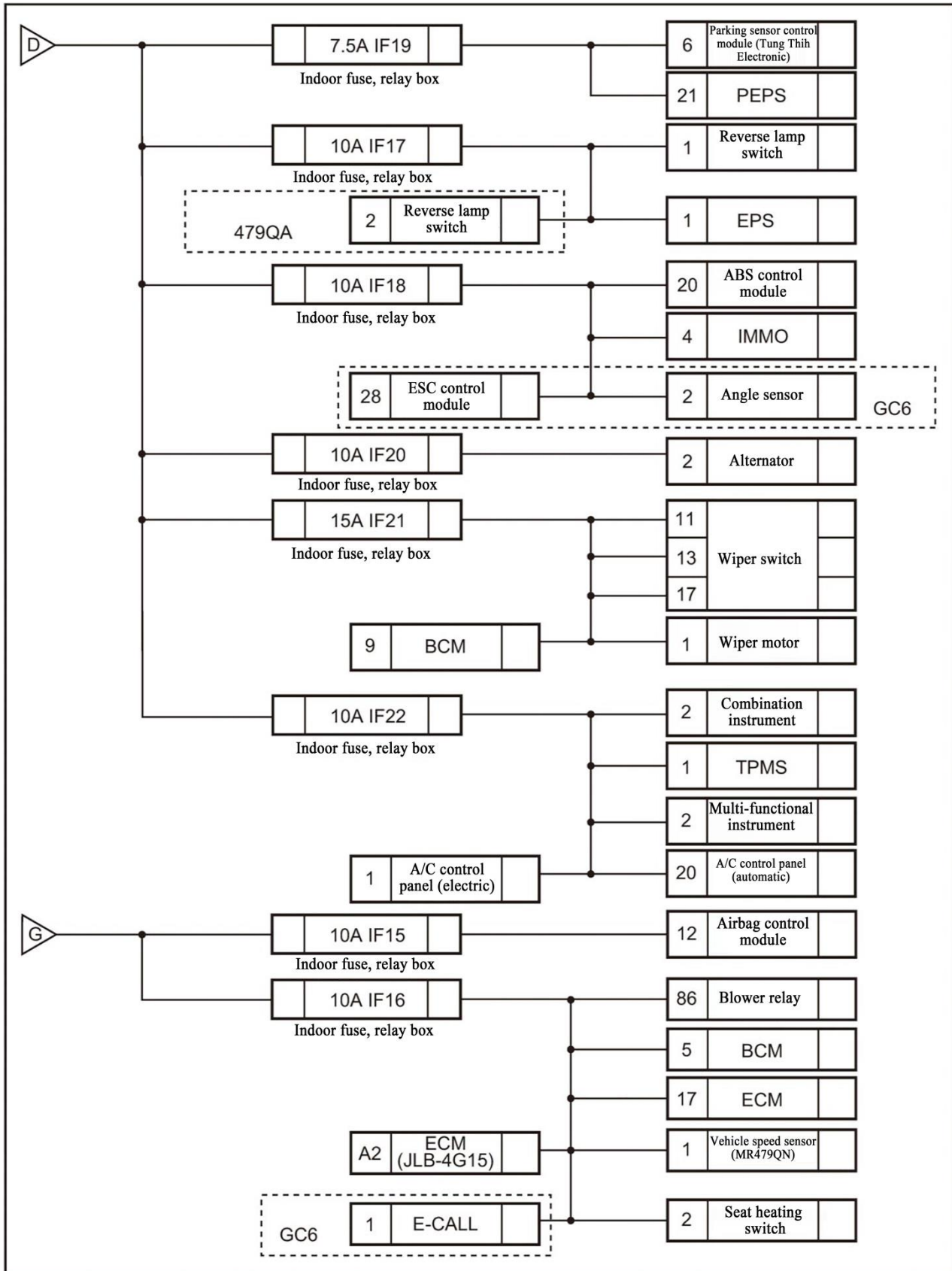
Power Supply Configuration Circuit Diagram 5 - MR479QN Exported to the Middle East



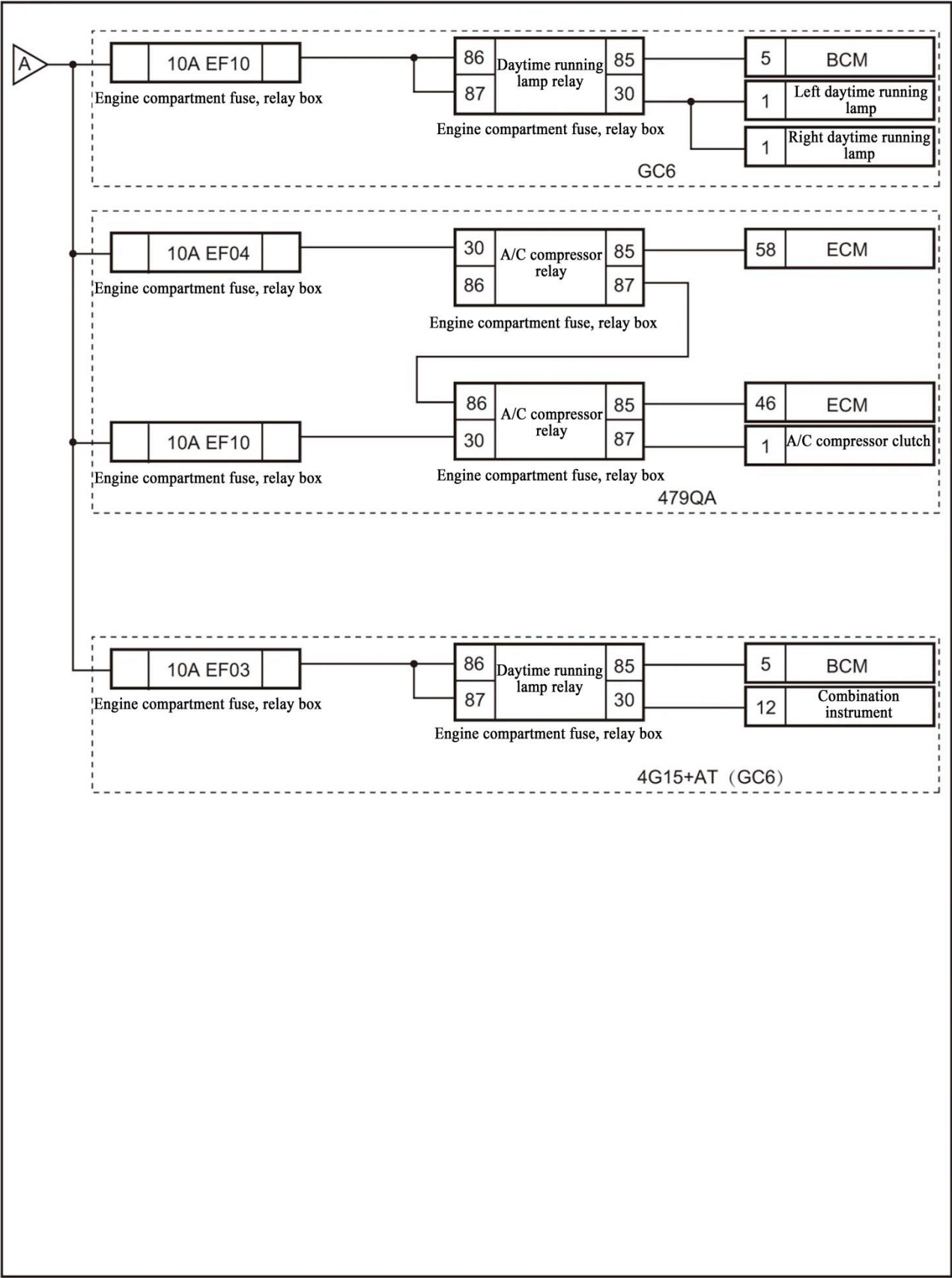
Power Supply Configuration Circuit Diagram 6



Power Supply Configuration Circuit Diagram 7



Power Supply Configuration Circuit Diagram 8



Power Supply Configuration List

No.	Name	Rated current (A)	System
SF01	Fan	30	
SF02	Ignition switch 1	30	
SF03	Power door and window	30	
SF03	Central control unit	30	GC6
SF04	Blower	30	
EF01	Compressor	10	
EF02	Starter	30	
EF03	Front fog lamp	15	
EF03	Daytime running lamp	10	JLB-4G15-4AT (New King Kong 2016)
EF04	Alternator	10	
EF05	AM2	15	
EF06	Electric horn	15	
EF07	Main relay	20	
EF08	High beam	15	
EF09	Low beam	15	
EF10	Vacuum pump	15	JLB-4G15-4AT
EF10	Right fan	20	MR479QN exported to the Middle East
EF10	Daytime running lamp	10	GC6
EF11	Left fan	20	MR479QN exported to the Middle East
EF11	ESC	25	GC6
EF12	Fuel pump	15	JLB-4G15
EF14	Alternator	110A	MR479QN
EF14	Alternator	125A	JLB-4G15
EF15	Main fuse 1 of indoor electrical equipment center	30A	-
EF16	Main fuse 2 of indoor electrical equipment center	30A	-
EF16	ESC	40A	GC6
EF17	ABS	40A	-
EF17	MAIN	60A	GC6
EF18	Main fuse of battery	60A	-
EF18	Main fuse of battery	30A	GC6
EF21	Spare	20A	
EF22	Spare	15A	
EF23	Spare	10A	
EF24	EPS fuse	60A	JLB-4G15

No.	Name	Rated current (A)	Description
IF01	Electric sunroof	20A	-
IF02	Radio	15A	-
IF03	Position lamp	10A	-
IF04	Brake lamp	10A	-
IF05	Hazard warning lamp	15A	-
IF06	ENG ECU	10A	-
IF07	Central control unit	10A	-
IF08	Rear defroster	20A	-
IF09	Lock	15A	-
IF10	Reading lamp	10A	-
IF11	TPMS	5A	-
IF11	Rearview mirror heating	10A	Defrost system JLB-4G15
IF12	Rearview mirror	10A	Wiper system
IF13	Cigarette lighter	15A	Power supply system
IF14	Back-up power supply	15A	Wiper system
IF14	Seat heating	20A	GC6
IF15	SRS	10A	ABS
IF16	Central control unit	10A	Reverse lamp
IF17	Reverse lamp	10A	Body control module
IF18	ABS/ESC	10A	ABS/ESC
IF19	Parking sensor	7.5A	Ignition system & engine system
IF20	Alternator	10A	Cigarette lighter
IF21	Wiper and washer	15A	Rearview mirror & radio & CD player
IF22	Combination instrument	10A	

13.8 System circuit diagram

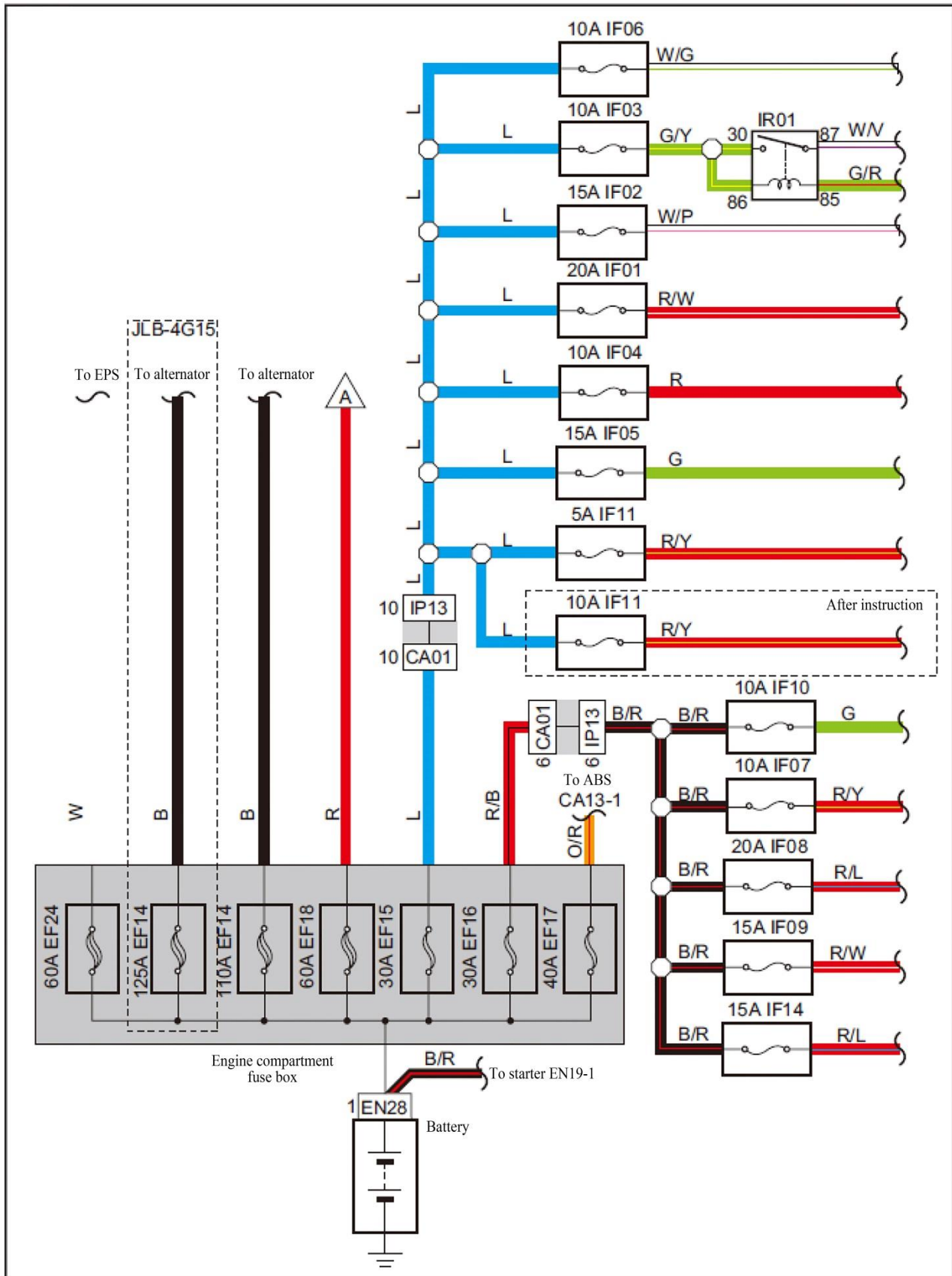
Circuit Diagram Index

Power Distribution Diagram 1.....	104	Ignition system (JLB-4G15).....	157
Power Distribution Diagram 2.....	105	Ignition system (GC6).....	158
Power Distribution Diagram 3.....	106	Fuel pump, fuel injector (JLB-4G15).....	160
Power Distribution Diagram 4.....	107	Fuel pump, fuel injector (GC6).....	161
Power Distribution Diagram 1 (GC6/New King Kong 2016).....	108	ECM equipment control (JLB-4G15).....	163
Power Distribution Diagram 2 (GC6/New King Kong 2016).....	109	ECM equipment control (GC6).....	164
Power Distribution Diagram 3 (GC6/New King Kong 2016).....	110	Cooling fan control (JLB-4G15).....	166
Power Distribution Diagram 4 (GC6/New King Kong 2016).....	111	Cooling fan control (GC6).....	167
Charging system (MR479QN).....	112	Oxygen sensor control (JLB-4G15).....	169
Charging system (MR479QA).....	114	Electronic throttle control (JLB-4G15).....	171
Charging system (JLB-4G15).....	116	Electronic throttle control (GC6).....	172
Charging system (GC6).....	118	Engine immobilizer (MR479QN).....	174
Starting system (MR479QN).....	120	Engine immobilizer (GC6).....	176
Starting system (MR479QA).....	122	TCU power supply, grounding, data line (JLB-4G15-4AT).....	178
Starting system (JLB-4G15).....	124	TCU control (JLB-4G15-4AT).....	180
Starting system (JLB-4G15-4AT).....	125	TCU control (New King Kong 2016 (MT model)).....	181
Starting system (GC6).....	127	TCU control (JLB-4G15-4AT/New King Kong 2016) (Continued).....	182
ECM power supply, grounding, data line (MR479QN).....	129	Power vacuum pump (JLB-4G15-4AT).....	184
Ignition system (MR479QN).....	131	Combination instrument power supply, grounding.....	186
Fuel pump fuel injector (MR479QN).....	133	Combination instrument power supply, grounding (GC6/New King Kong 2016).....	187
ECM equipment control (MR479QN).....	135	Combination instrument lighting indicator.....	189
Cooling fan control(MR479QN).....	137	Combination instrument lighting indicator (GC6/New King Kong 2016).....	190
Cooling fan control (MR479QN exported to the Middle East).....	138	Combination instrument sound warning, alarm... ..	192
Oxygen sensor control (MR479QN).....	140	Multi-functional instrument.....	194
ECM power supply, grounding, data line (MR479QA).....	142	E-CALL, E-CALL microphone, SOS switch (GC6).....	196
Ignition system (MR479QA).....	144	Angle sensor (GC6).....	198
Fuel pump fuel injector (MR479QA).....	146	ABS power supply, grounding, signal.....	200
ECM equipment control (MR479QA).....	148	ABS sensor.....	202
Cooling fan control (MR479QA).....	150	ESC power supply, grounding, signal (GC6).....	204
Oxygen sensor control (MR479QA).....	152	ABS sensor (GC6).....	206
ECM power supply, grounding, data line (JLB-4G15).....	154	EPS system (JLB-4G15).....	208
ECM power supply, grounding, data line (GC6). ..	155	Headlamp.....	210
		Position lamp.....	212
		Fog lamp.....	214
		Fog lamp (New King Kong 2016).....	215

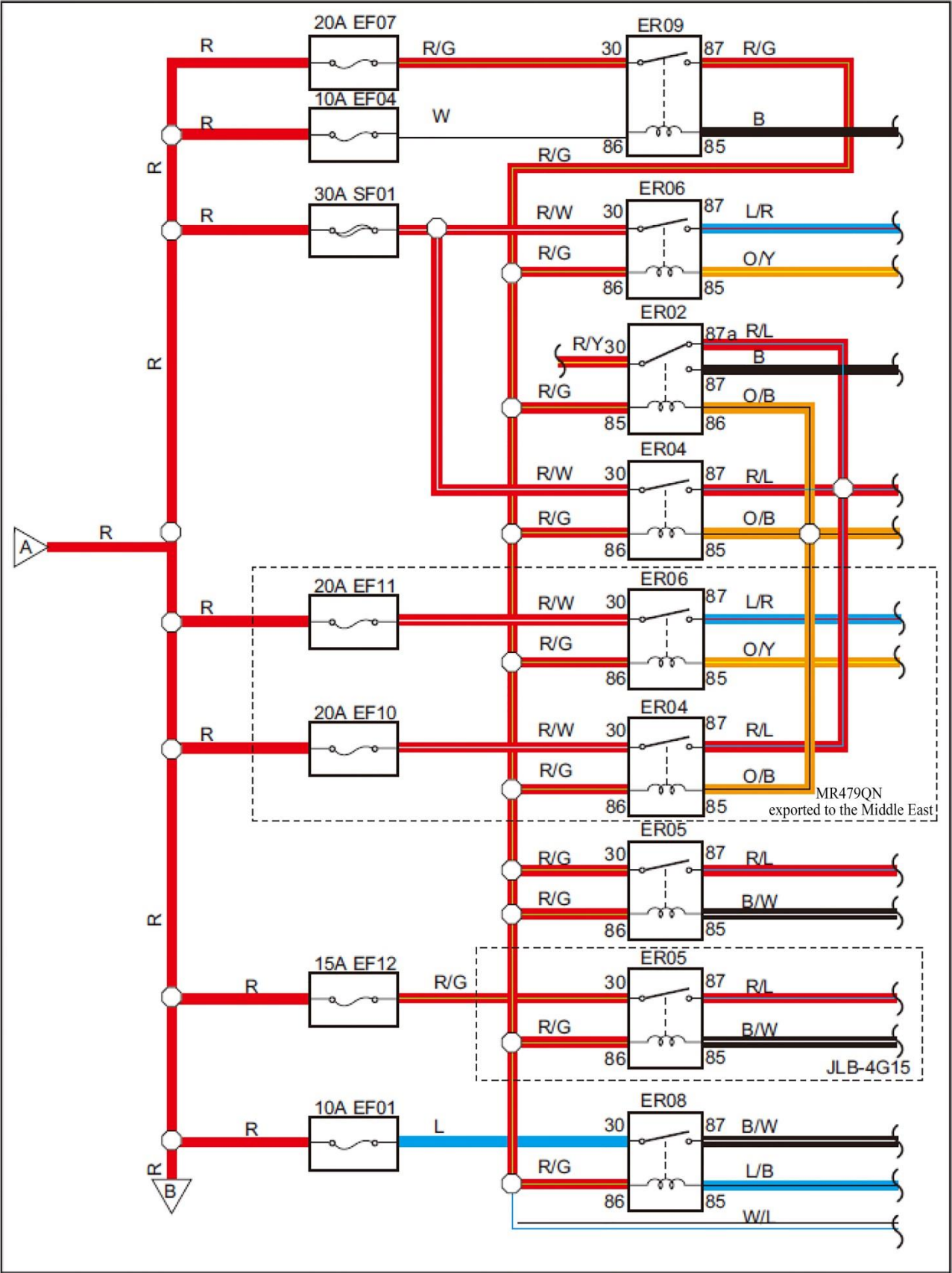
Daytime running lamp (GC6).....	217	A/C system power supply, grounding, data line (GC6/New King Kong 2016)	265
Turn signal lamp and hazard warning lamp.....	219	A/C system power supply, grounding, data line (automatic).....	266
Turn signal lamp and hazard warning lamp (GC6/New King Kong 2016).....	220	A/C compressor clutch control (MR479QN)	268
Brake lamp (MR479QN/MR479QA)	222	A/C compressor clutch control (MR479QA)	270
Brake lamp (JLB-4G15)	224	A/C compressor clutch control (JLB-4G15).....	272
Brake lamp (GC6)	225	A/C compressor clutch control (GC6/New King Kong 2016).....	273
Reverse lamp	227	A/C blower control (electric).....	275
Reverse lamp (GC6)	228	A/C blower control (electric) (GC6/New King Kong 2016).....	276
Reverse lamp (New King Kong 2016)	229	A/C blower control (automatic).....	277
Interior lighting.....	231	A/C sensor and switch (electric).....	279
Interior lighting (GC6/New King Kong 2016)	232	A/C sensor and switch (electric) (GC6/New King Kong 2016).....	280
Backlight lighting 1	234	A/C sensor and switch (automatic).....	281
Backlight lighting 1 (GC6/New King Kong 2016)	235	Power supply, signal and grounding of main unit of audio system	283
Backlight lighting 2	236	Power supply, signal and grounding of main unit of audio system (GC6/New King Kong 2016).....	284
Sunroof system	238	Speaker control for main unit of audio system	286
Sunroof system (New King Kong 2016)	239	Speaker control for main unit of audio system (GC6)	287
Seat heating.....	241	Speaker control for main unit of audio system (New King Kong 2016).....	288
BCM power supply, grounding, data line (MR479QN).....	243	SRS power supply, grounding.....	290
BCM power supply, grounding, data line (JLB-4G15)	244	SRS power supply, grounding (New King Kong 2016).....	291
ECM power supply, grounding, data line (GC6/New King Kong 2016)	245	Seat belt pretensioner, airbag.....	293
ECM power supply, grounding, data line (GC6/New King Kong 2016) (Continued).....	246	Seat belt pretensioner, airbag (New King Kong 2016)	294
Center control lock 1	248	Parking sensor	296
Center control lock 1 (GC6/New King Kong 2016)	249	Parking sensor (New King Kong 2016).....	297
Center control lock 2	250	PEPS power supply, grounding, data line (central control lock switch)	299
Center control lock 2 (GC6/New King Kong 2016)	251	PEPS switch.....	301
Power rearview mirror control.....	253	TPMS.....	303
Power rearview mirror control (GC6)	254	TPMS (GC6)	304
Power rearview mirror control (New King Kong 2016).....	255	Horn.....	306
Defrost control.....	257	Horn (GC6/New King Kong 2016)	308
Defrost control (GC6/New King Kong 2016)	258	Cigarette lighter and back-up power supply	310
Front wiper and washer system	260	Cigarette lighter and back-up power supply (GC6/New King Kong 2016)	311
Front wiper and washer system (GC6/New King Kong 2016).....	262		
A/C system power supply, grounding, data line (electric).....	264		

Power window 1	313
Power window 2	314
Power window 3	315
Power window 1 (GC6)	316
Power window 2 (GC6)	317
Power window 3 (GC6)	318
Power window 1 (New King Kong 2016)	319
Power window 2 (New King Kong 2016)	320
Power window 3 (New King Kong 2016)	321
Diagnostic interface	323
Diagnostic interface (GC6/New King Kong 2016)	324
CAN data communications network	326
CAN data communications network (Continued)	327

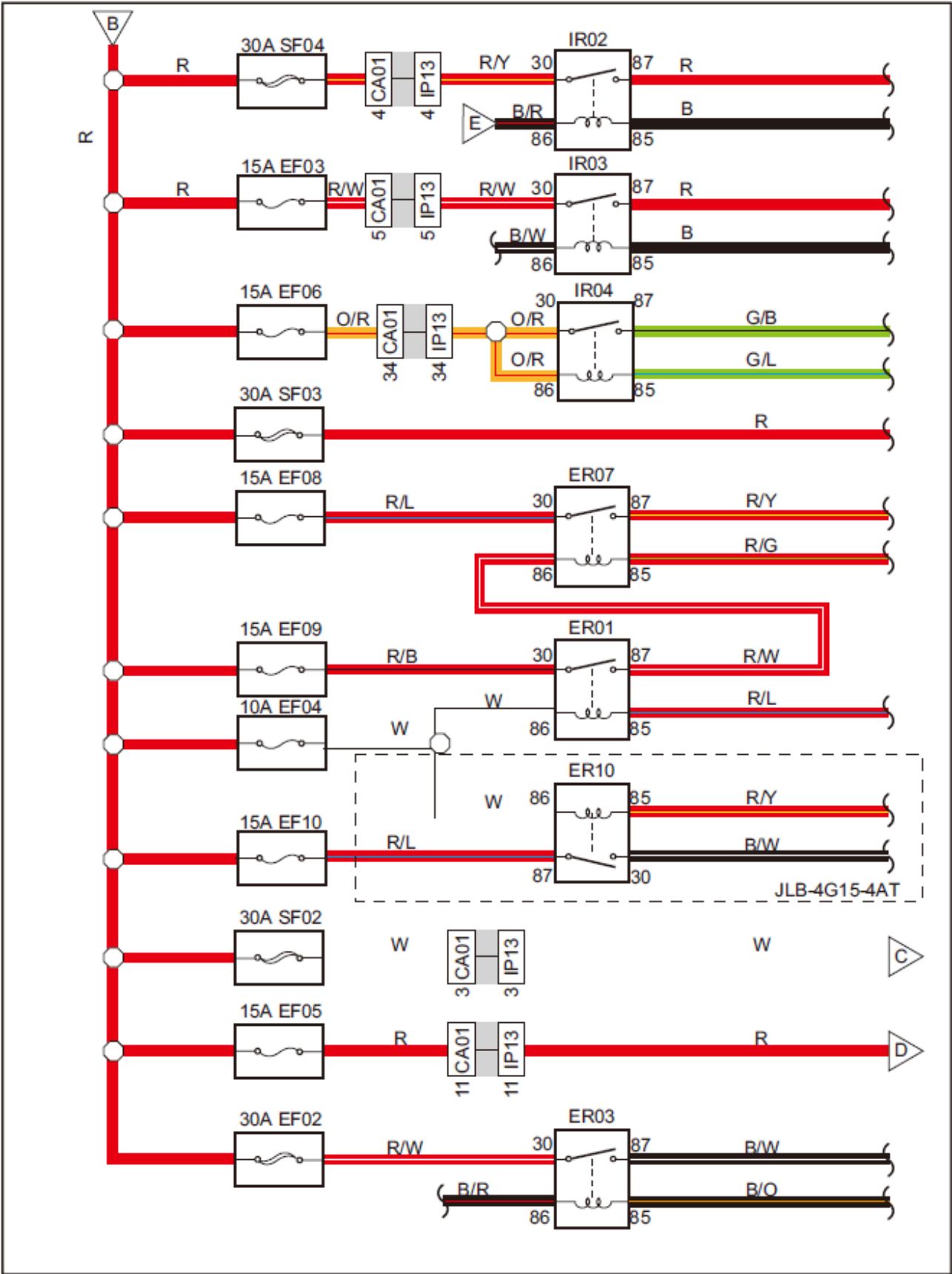
Power Distribution Diagram 1

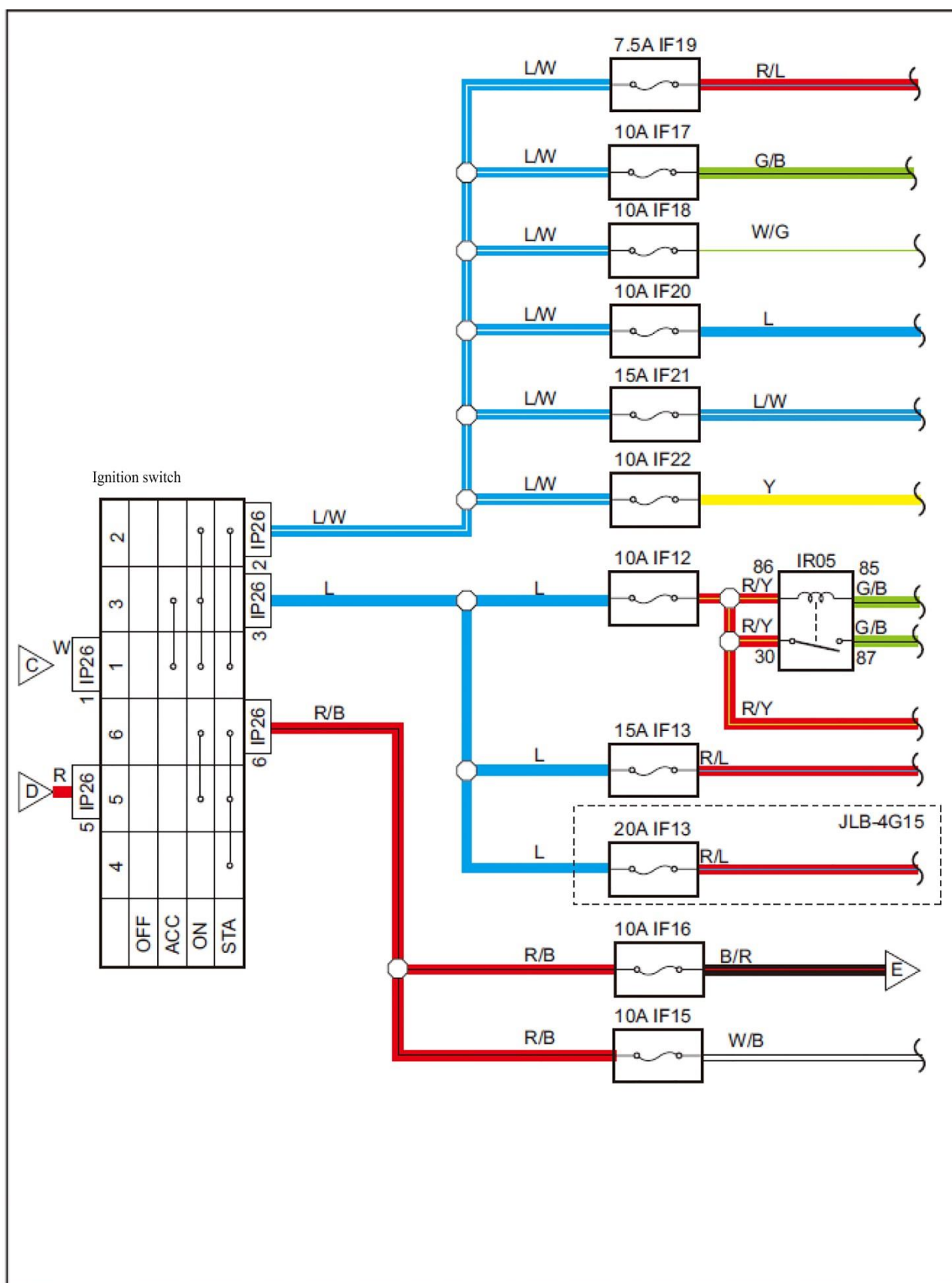


Power Distribution Diagram 2

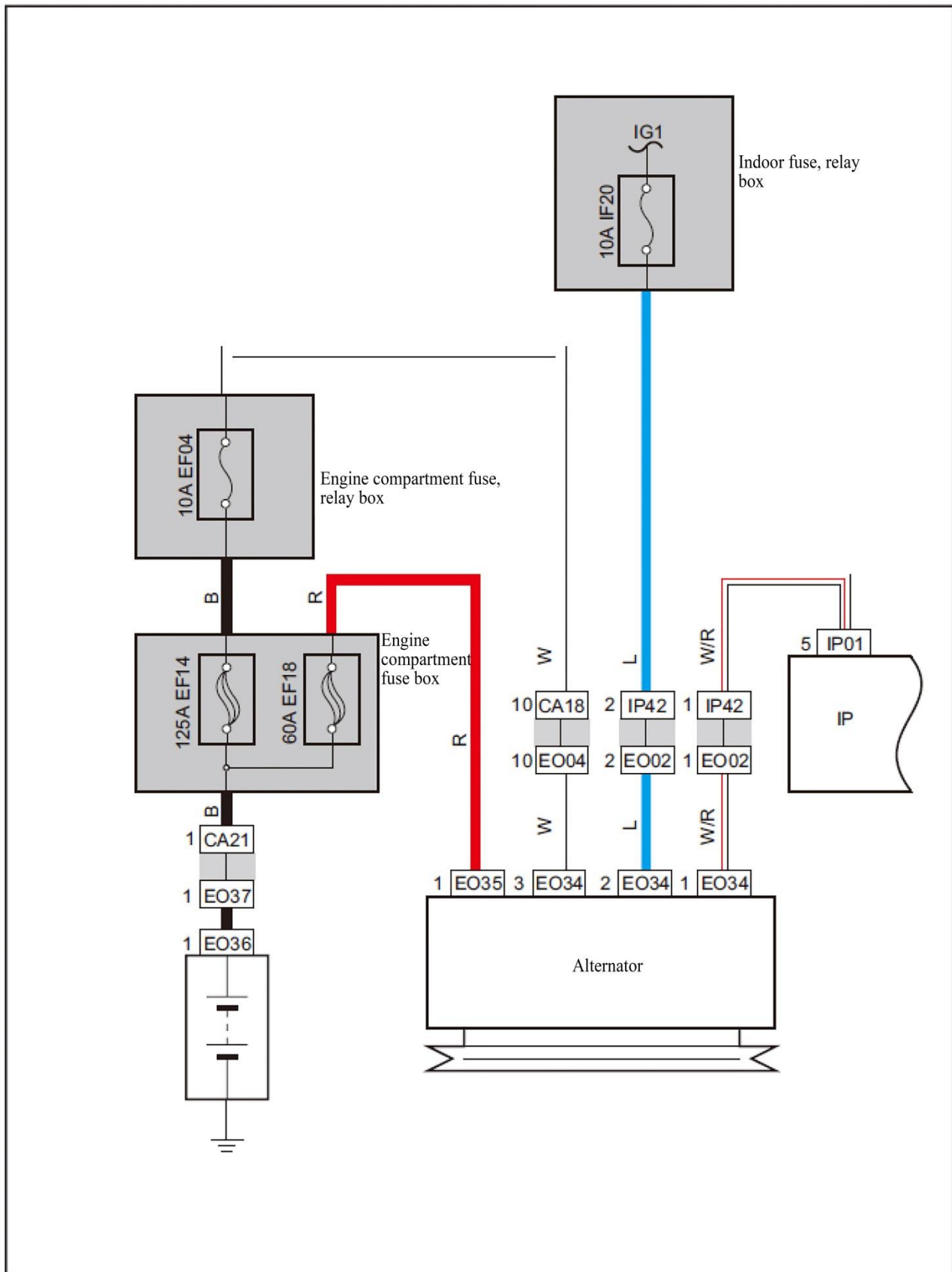


Power Distribution Diagram 3





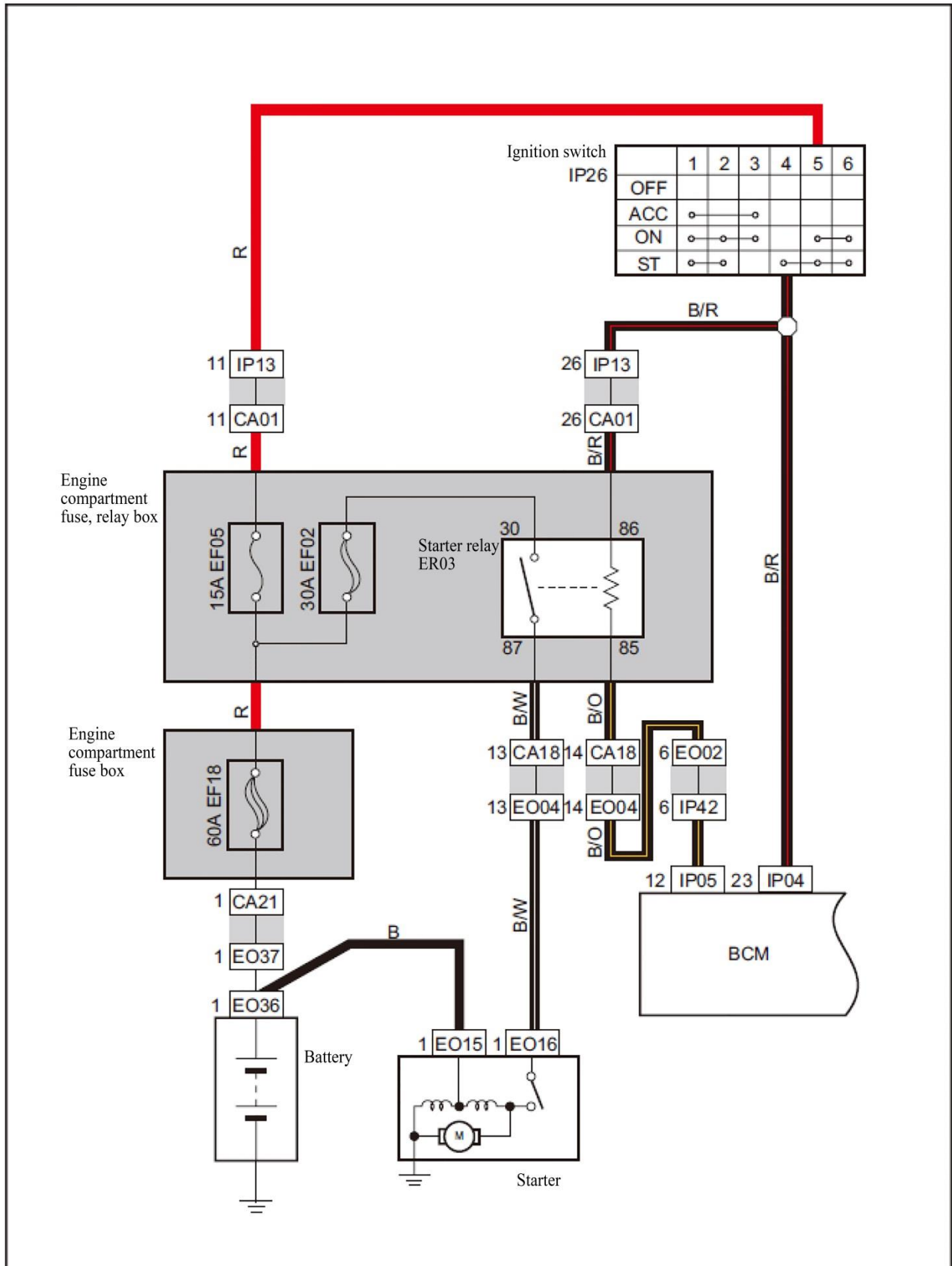
Charging system (JLB-4G15)



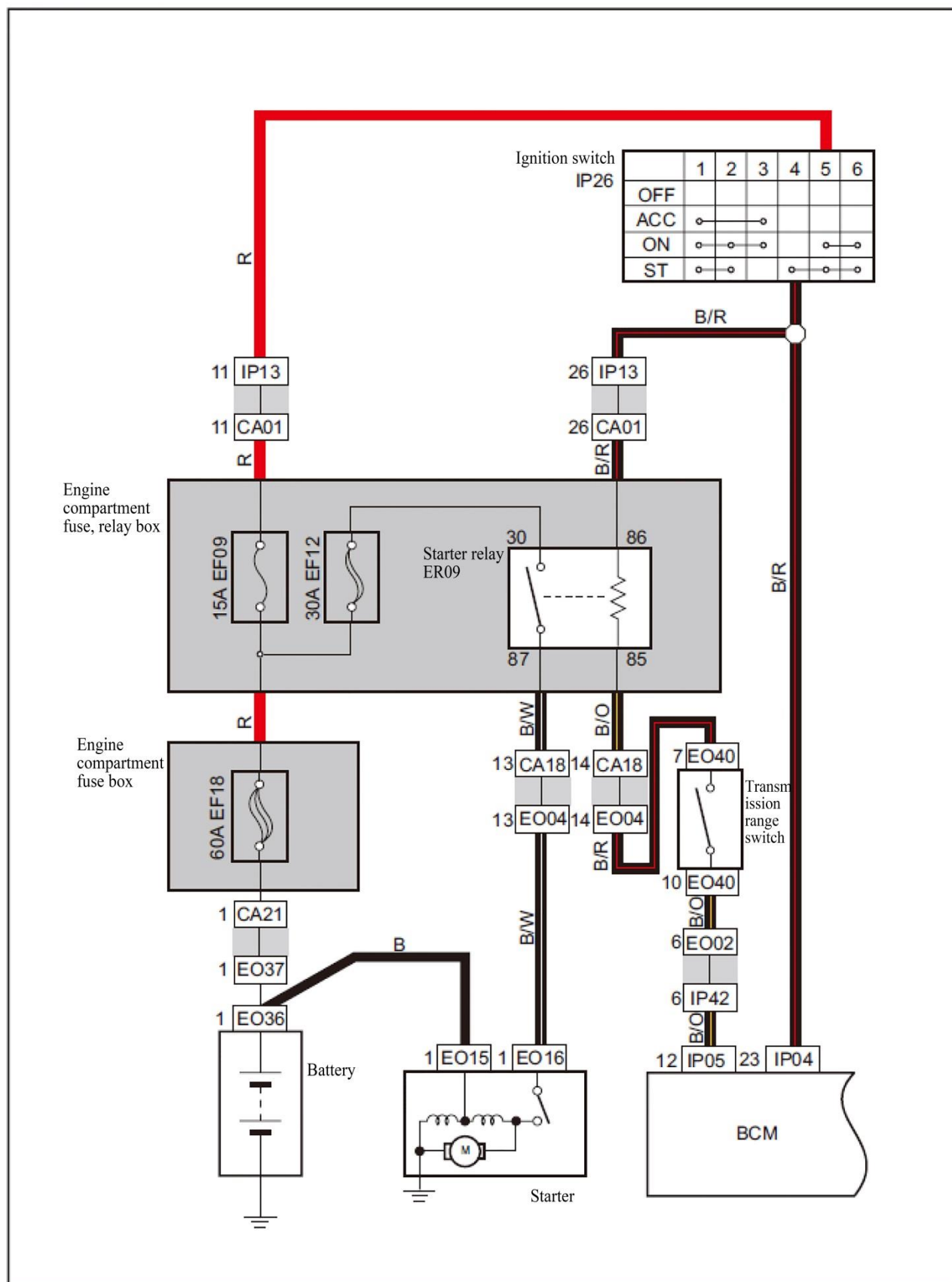
Harness connector	Name	Page
CA18	To engine harness connector	32
CA21	Fuse box (blade terminal)	32
EO37	Fuse box (blade terminal)	48
EO36	Battery (blade terminal 1)	48
EO35	To alternator (blade terminal)	48
EO34	Alternator regulator harness connector	48
IP42	To engine harness connector	54
EO02	To instrument harness connector	49
EO04	To instrument harness connector A	49
IP01	Combination instrument harness connector	54



Harness connector	Name	Page
CA18	To engine harness connector	32
CA21	Fuse box (blade terminal)	32
EO37	Fuse box (blade terminal)	48
EO36	Battery (blade terminal 1)	48
EO35	To alternator (blade terminal)	48
EO34	Alternator regulator harness connector	48
IP42	To engine harness connector	54
EO02	To instrument harness connector	49
EO04	To instrument harness connector A	49
IP01	Combination instrument harness connector	54

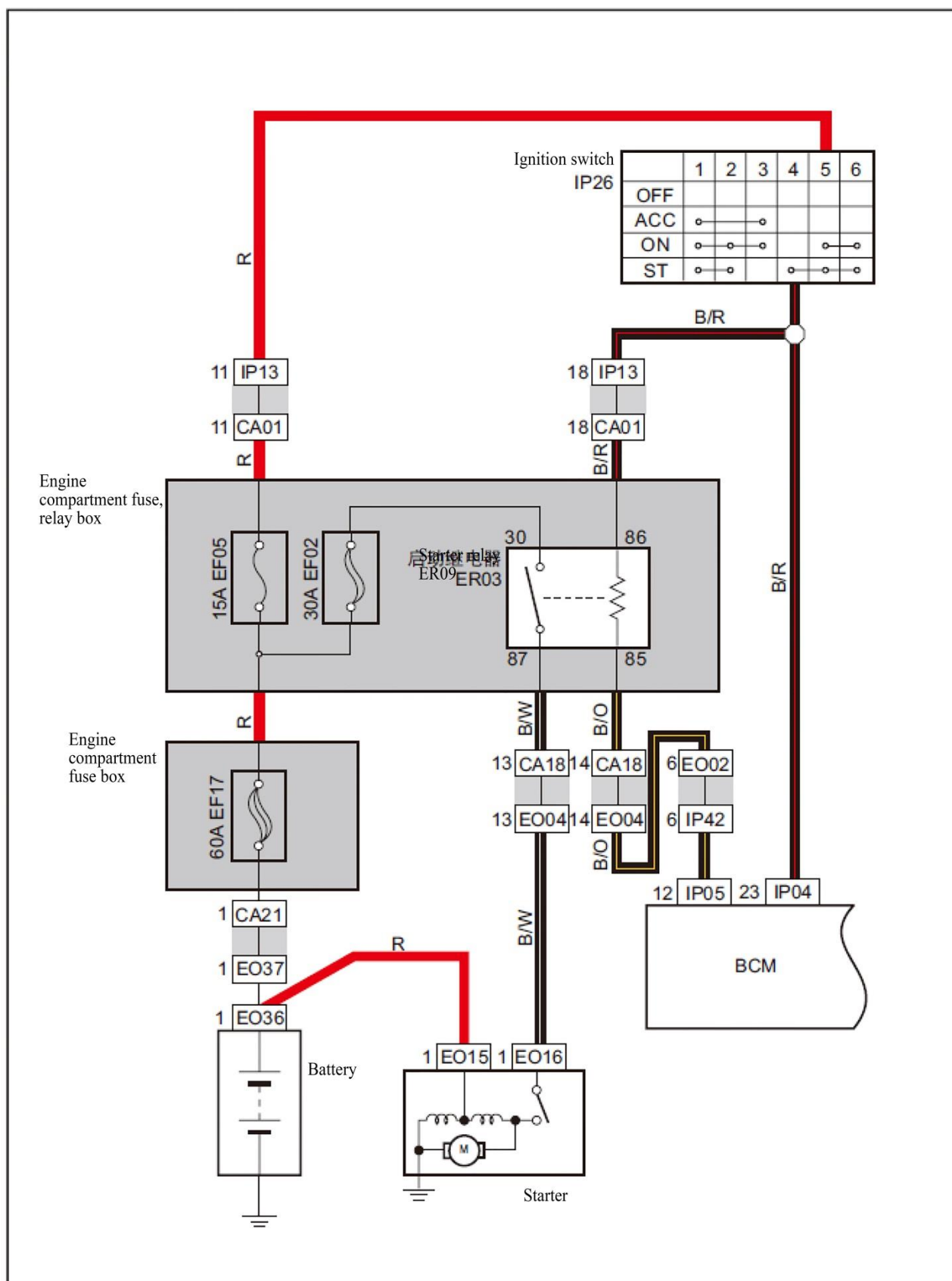


Starting system (JLB-4G15-4AT)



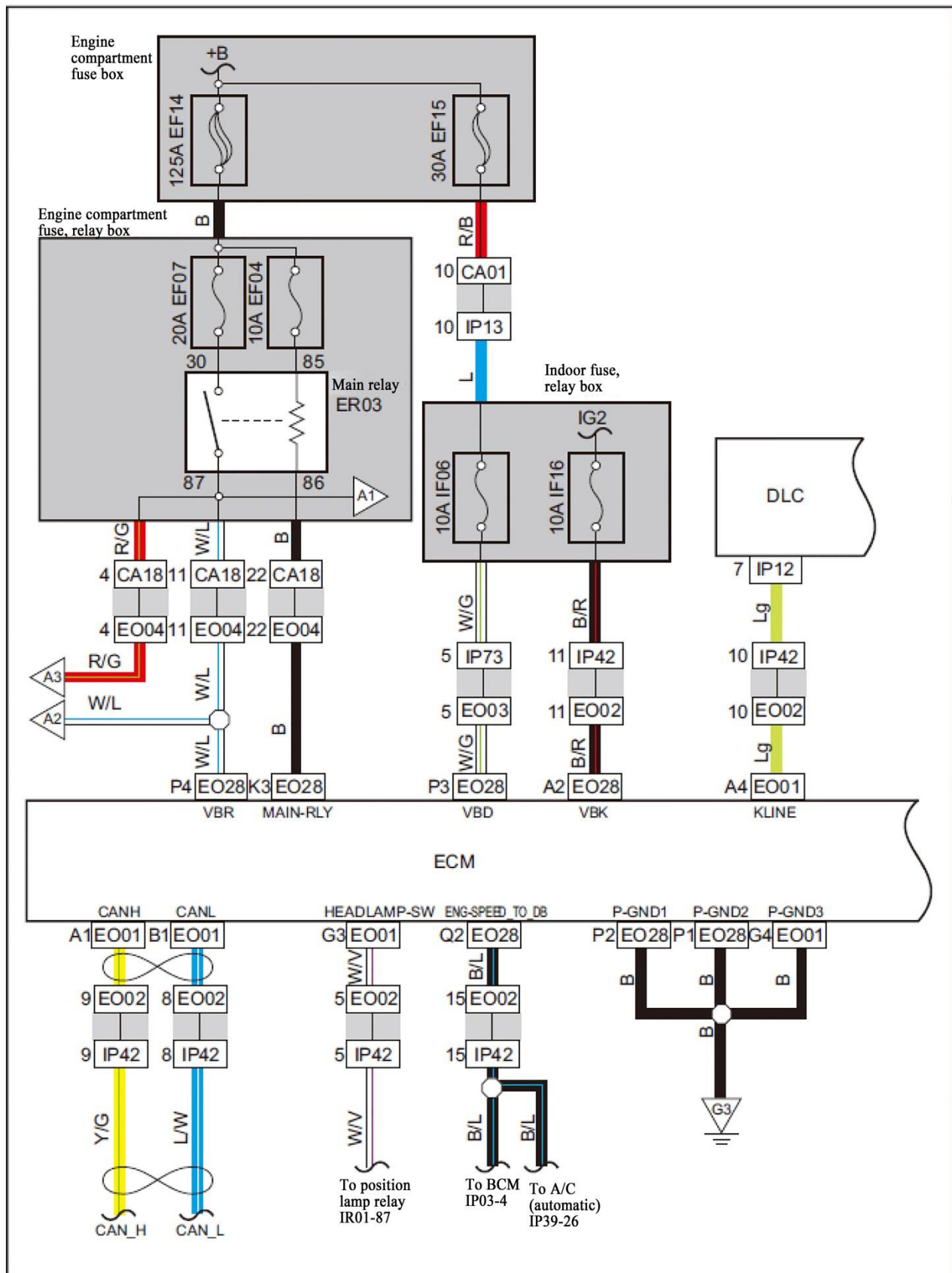
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA18	To engine harness connector	33
IP13	To engine compartment harness connector	54
CA21	Fuse box (blade terminal)	32
EO37	Fuse box (blade terminal)	48
EO36	Battery (blade terminal 1)	48
EO15	Starter harness connector	48
EO16	Starter solenoid switch harness connector	48
CA18	To engine harness connector	32
EO04	To engine compartment harness connector	49
EO02	To instrument harness connector A	49
EO40	Transmission range switch harness connector (AT)	48
IP05	BCM harness connector B	54
IP04	BCM harness connector A2	54

Starting system (GC6)

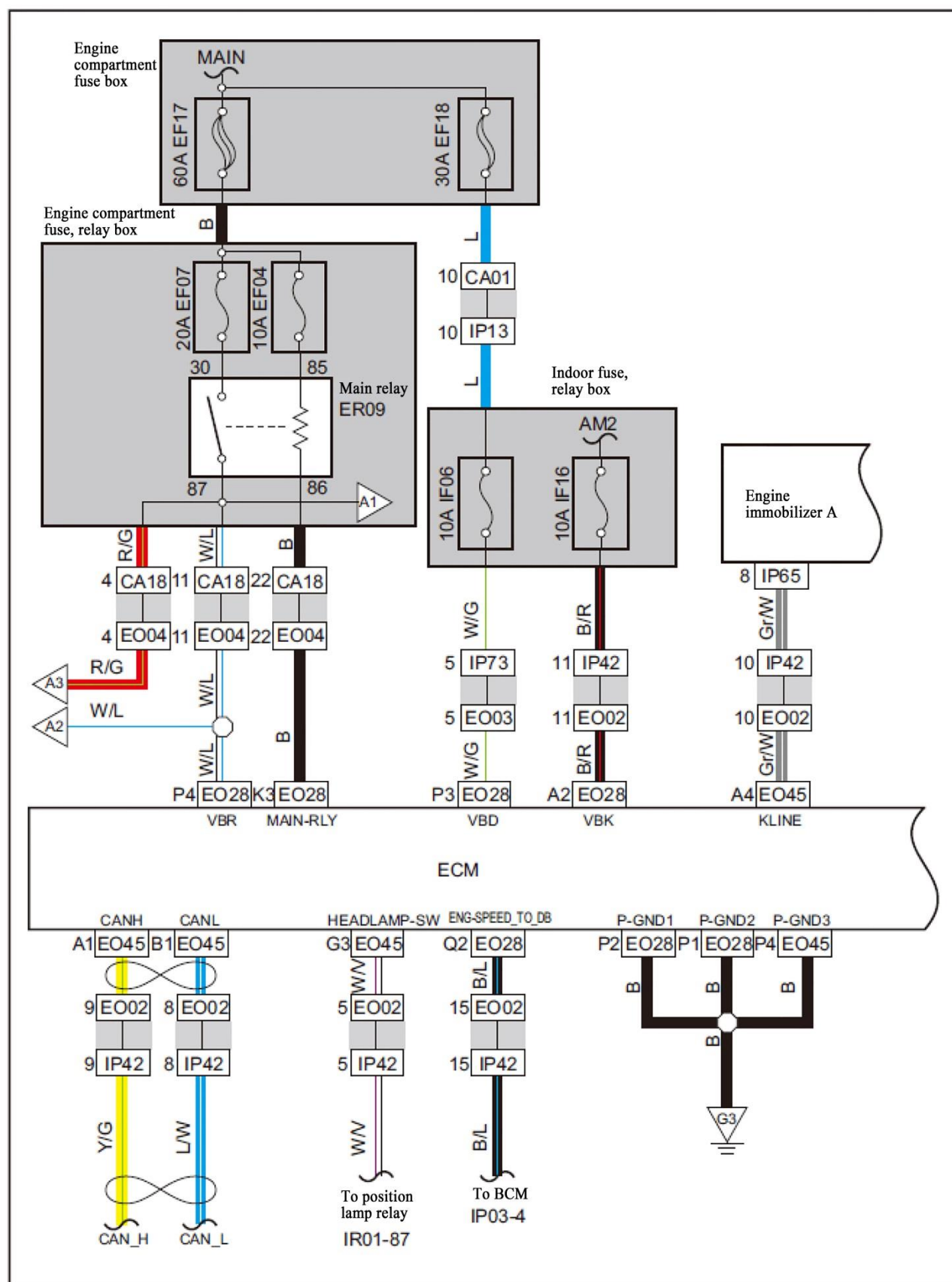


Harness connector	Name	Page
CA01	To instrument harness connector	33
CA18	To engine harness connector	33
IP13	To engine compartment harness connector	54
CA21	Fuse box (blade terminal)	32
EO37	Fuse box (blade terminal)	48
EO36	Battery (blade terminal 1)	48
EO15	Starter harness connector	48
EO16	Starter solenoid switch harness connector	48
CA18	To engine harness connector	32
EO04	To engine compartment harness connector	49
EO02	To instrument harness connector A	49
EO40	Transmission range switch harness connector (AT)	48
IP05	BCM harness connector B	54
IP04	BCM harness connector A2	54

ECM power supply, grounding, data line (JLB-4G15)



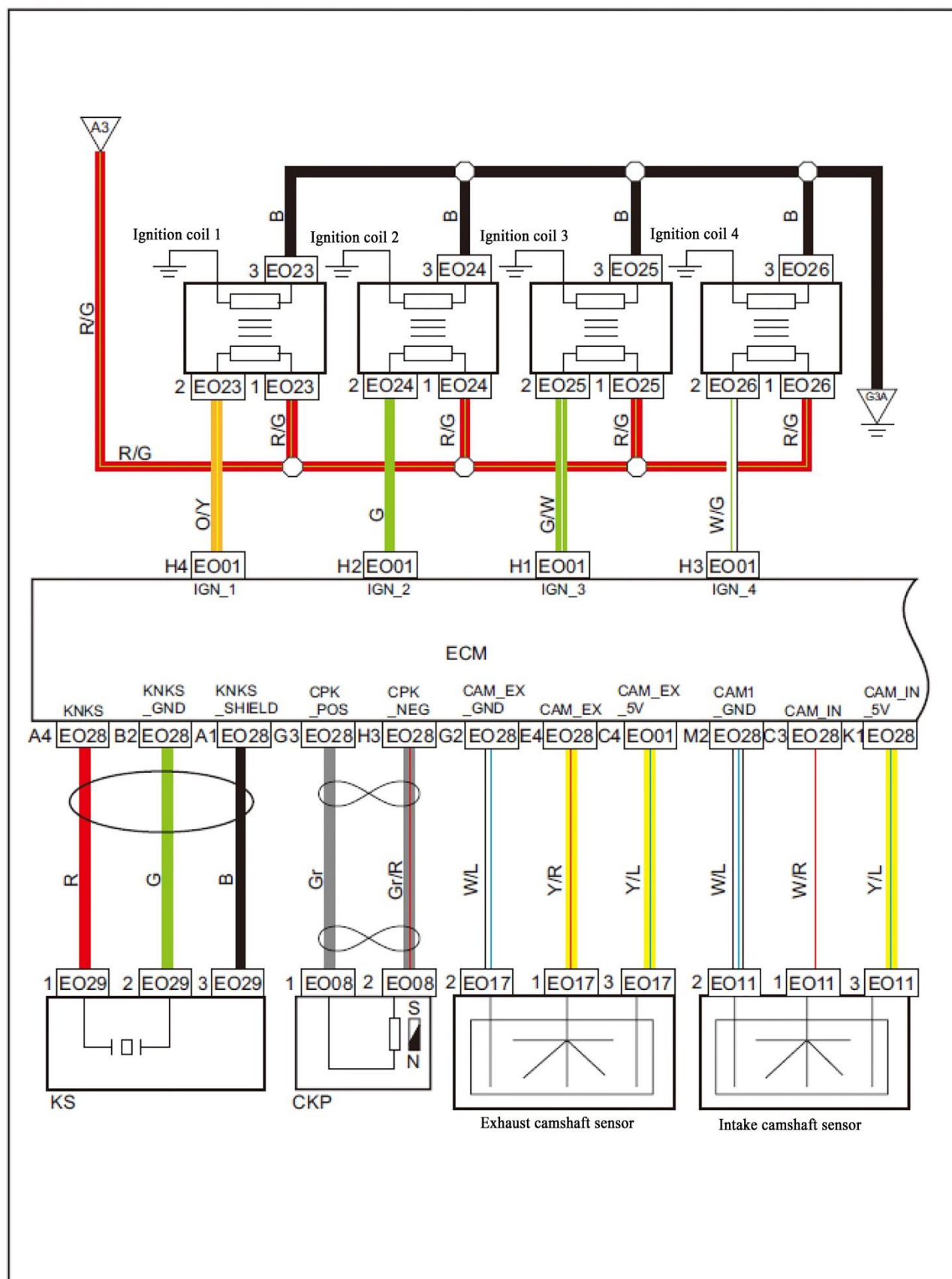
ECM power supply, grounding, data line (GC6)



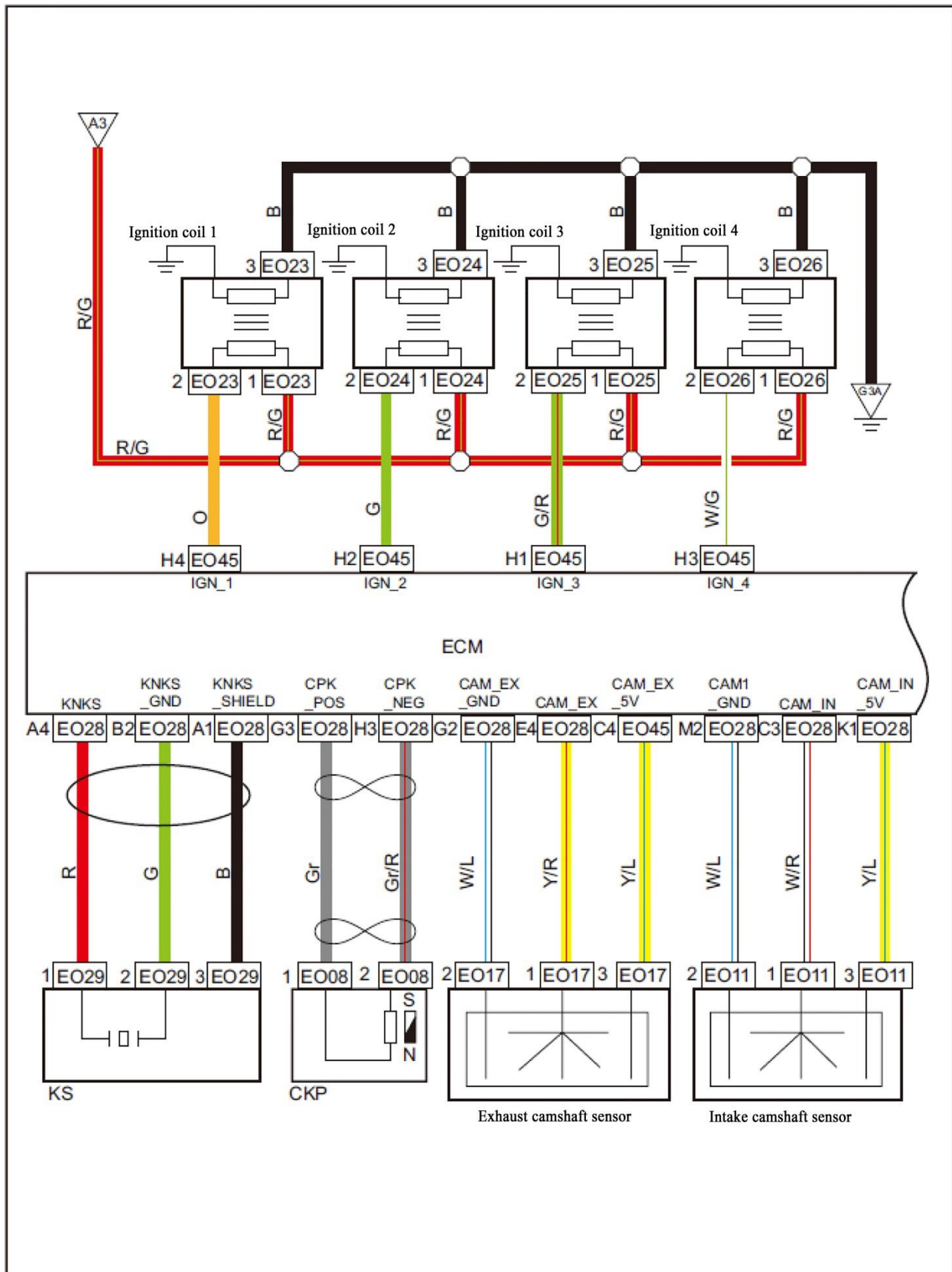
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA18	To engine harness connector	32
EO04	To engine compartment harness connector	49
EO03	To instrument harness connector B	49
EO01	Engine control module A harness connector	49
EO28	Engine control module B harness connector	49
EO45	Engine control module A harness connector (GC6)	49
IP13	To engine compartment harness connector	54
IP12	Diagnostic interface harness connector	54
IP42	To engine harness connector	54
IP65	Engine immobilizer A harness connector	54
IP73	To engine harness connector B	54
G3	Engine grounding	82

Connection point	Description	Page
A1	Main relay power supply	160/166
A2	Main relay power supply	160/163/169
A3	Main relay power supply	157
EO01-G3	To position lamp relay IR01-87	212
EO28-Q2	To BCM IP03-4	244
	To A/C (automatic) IP39-26	267
EO01-A1	CAN H	327
EO01-B1	CAN L	327

Ignition system (JLB-4G15)



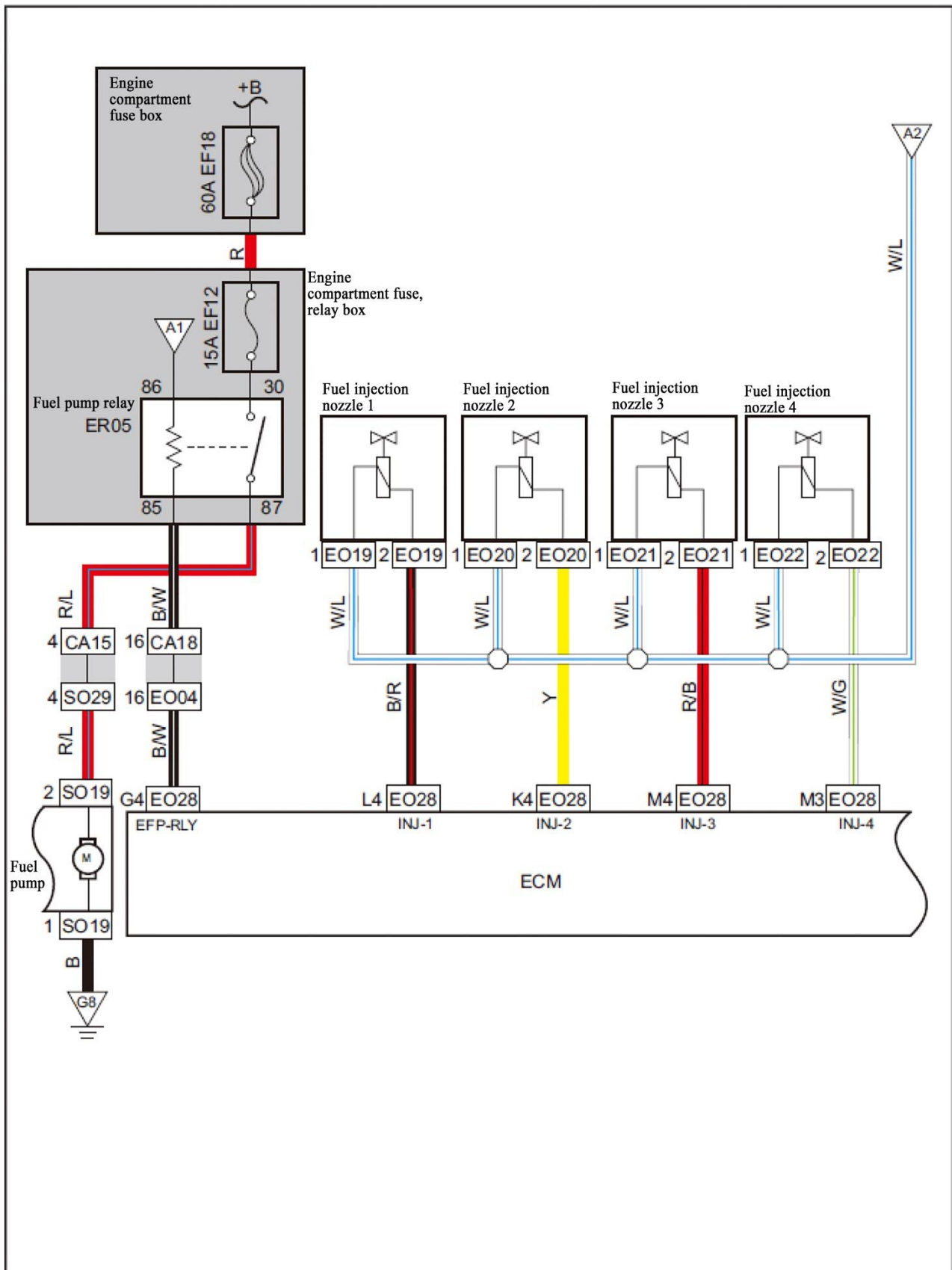
Ignition system (GC6)



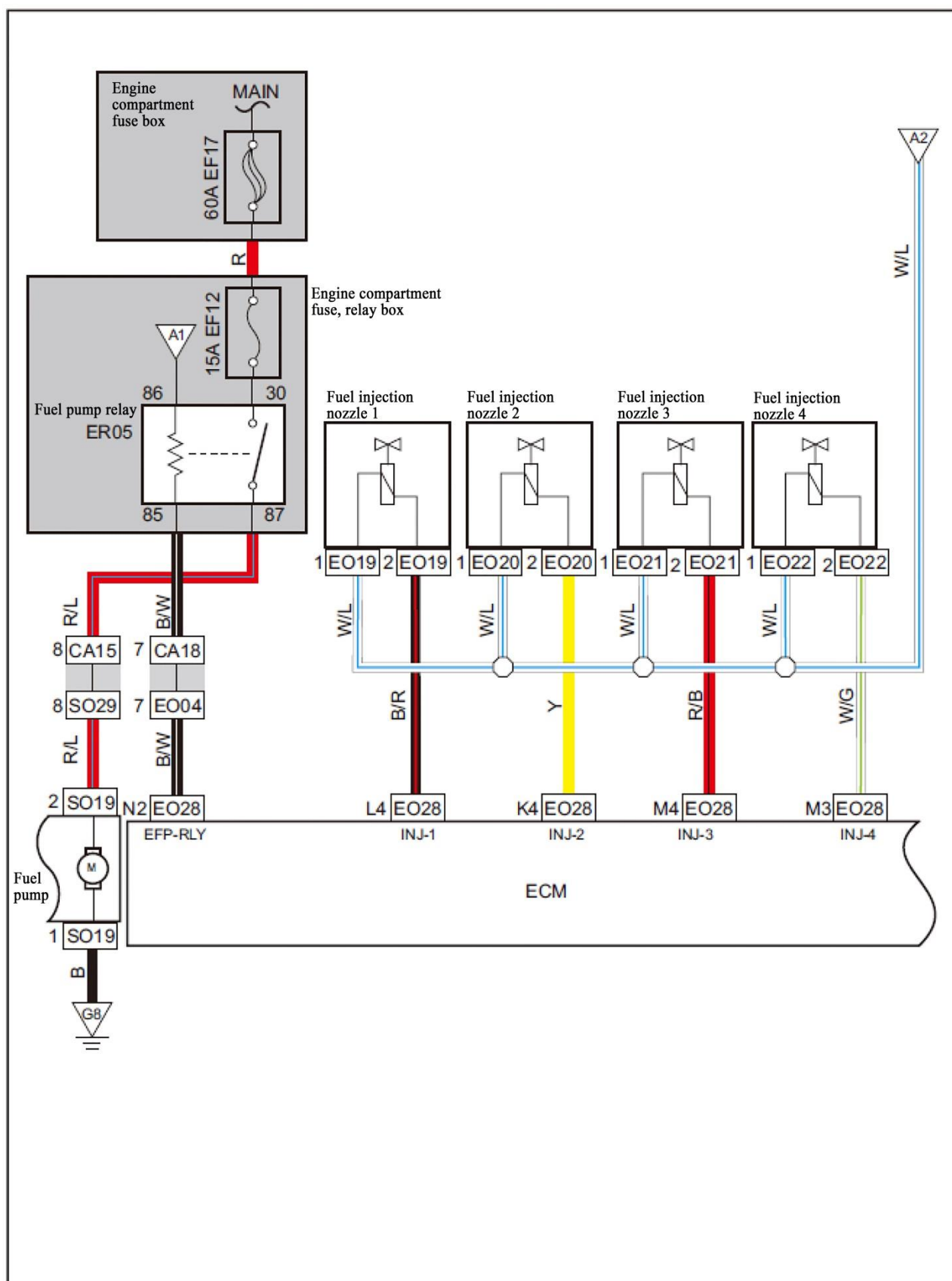
Harness connector	Name	Page
EO23	Harness connector of ignition coil 1	48
EO24	Harness connector of ignition coil 2	48
EO25	Harness connector of ignition coil 3	48
EO26	Harness connector of ignition coil 4	48
EO01	Engine control module A harness connector	49
EO28	Engine control module B harness connector	49
EO29	Knock sensor harness connector	48
EO08	Engine speed sensor harness connector	48
EO11	Intake camshaft sensor harness connector	48
EO17	Exhaust camshaft sensor harness connector	48
EO45	Engine control module A harness connector (GC6)	41
G3A	Engine grounding	83

Connection point	Description	Page
A3	Main relay power supply	154

Fuel pump, fuel injector (JLB-4G15)



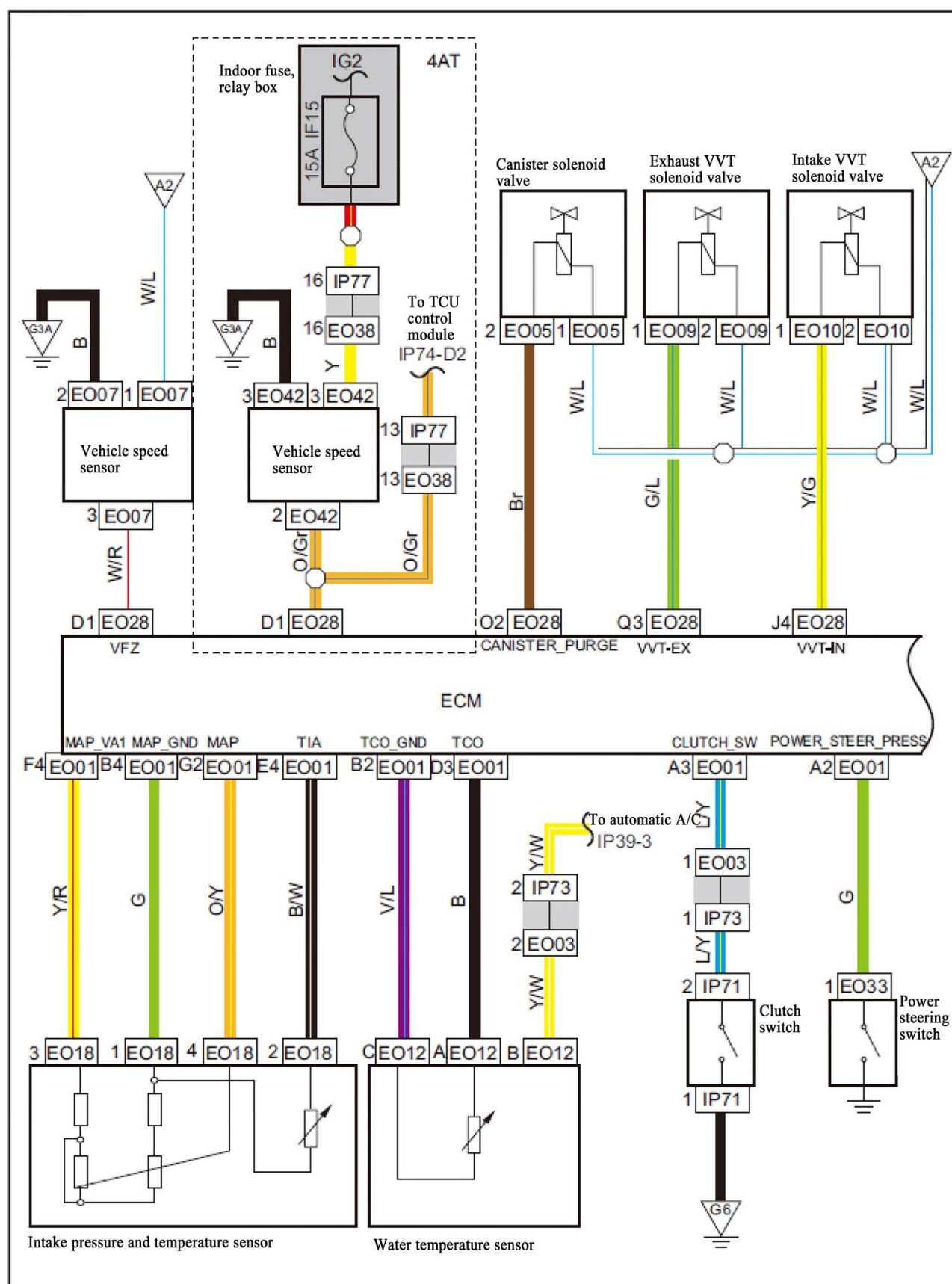
Fuel pump, fuel injector (GC6)

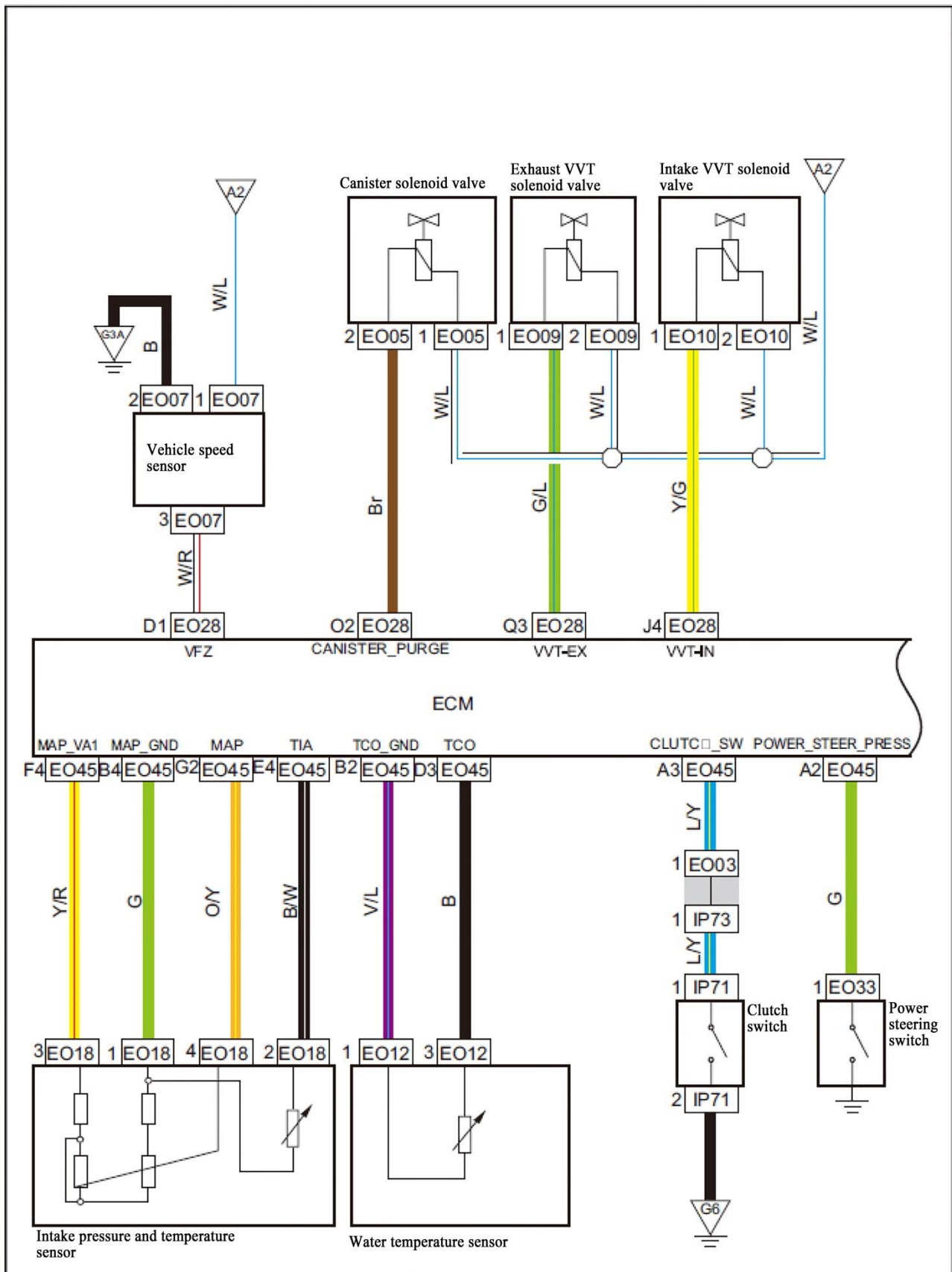


Harness connector	Name	Page
CA15	To floor harness connector	32
SO29	To engine compartment harness connector	65
CA18	To engine harness connector	32
EO04	To engine compartment harness connector	49
EO28	Engine control module A harness connector	49
EO19	Cylinder No. 1 fuel injector harness connector	48
EO20	Cylinder No. 2 fuel injector harness connector	48
EO21	Cylinder No. 3 fuel injector harness connector	48
EO22	Cylinder No. 4 fuel injector harness connector	48
SO19	Fuel pump and fuel level sensor harness connector	65
G8	Floor grounding	85

Connection point	Description	Page
A1	Main relay power supply	154
A2	Main relay power supply	154

ECM equipment control (JLB-4G15)

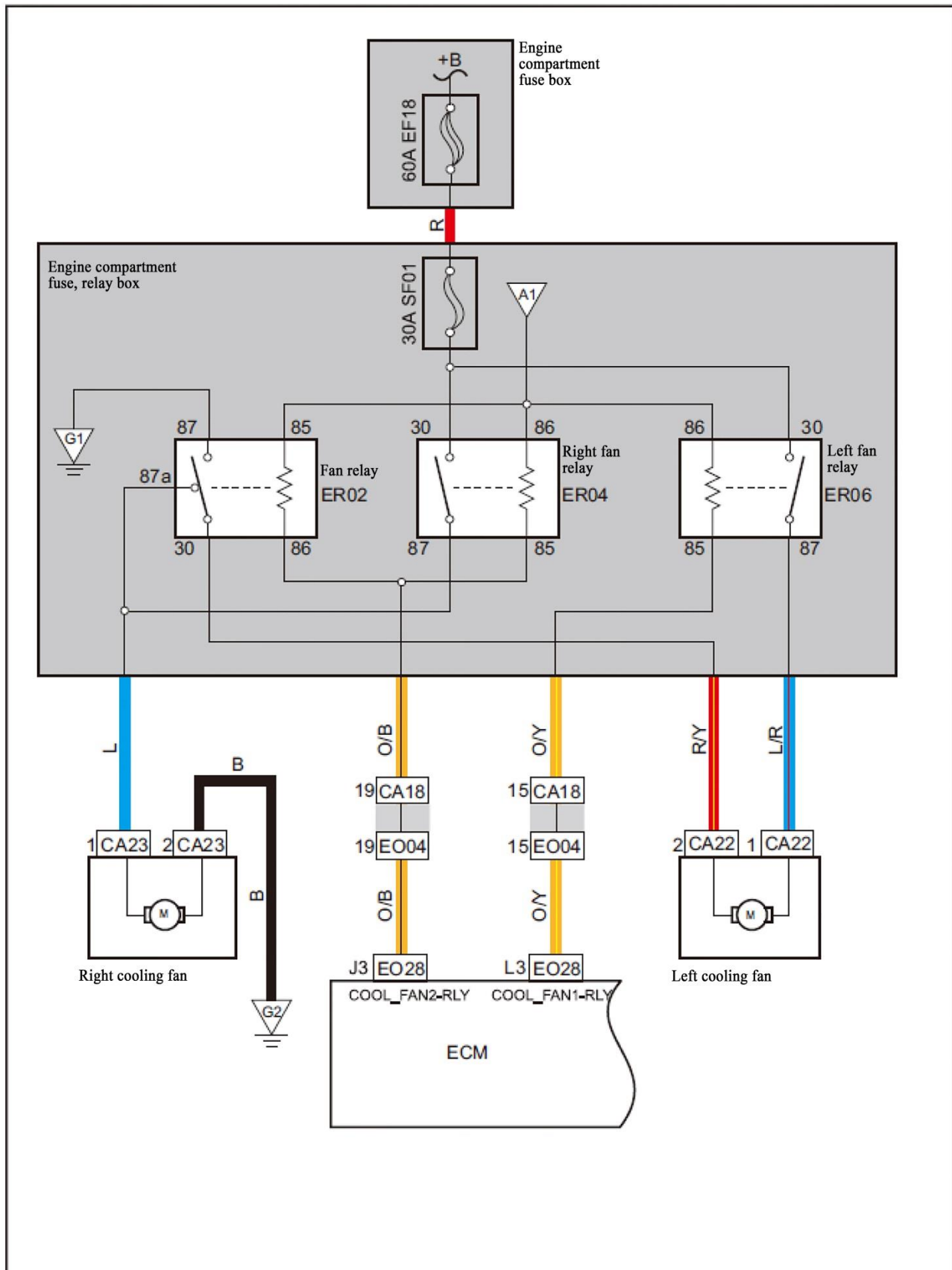




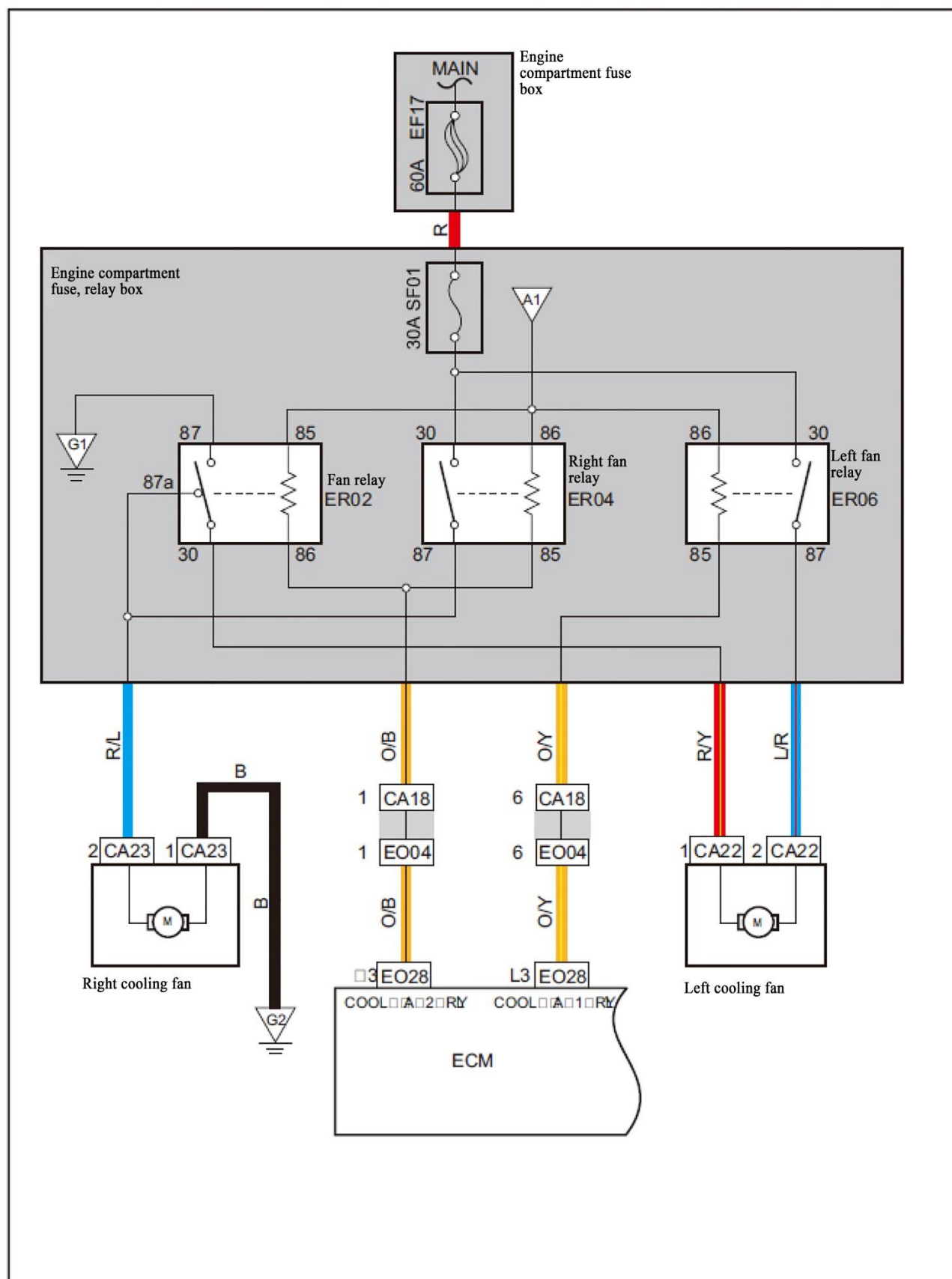
Harness connector	Name	Page
IP71	Clutch switch harness connector	54
IP73	To engine harness B connector	54
EO01	Engine control module A harness connector	49
EO03	To instrument panel harness connector	48
EO05	Canister solenoid valve harness connector	48
EO07	Vehicle speed sensor harness connector	48
EO09	Exhaust VVT solenoid valve harness connector	48
EO10	Intake VVT solenoid valve harness connector	48
EO12	Water temperature sensor harness connector	48
EO19	Intake pressure and temperature sensor harness connector	48
EO28	Engine control module B harness connector	49
EO33	Power steering switch harness connector	48
EO38	To instrument panel harness connector C (AT)	49
EO42	Vehicle speed sensor harness connector (AT)	48
EO45	Engine control module A harness connector (GC6)	41
G3A	Engine grounding	83

Connection point	Description	Page
A2	Main relay power supply	154
EO12-2	To automatic A/C IP39-3	267
EO42-2	To TCU control module IP74-D2	178

Cooling fan control (JLB-4G15)



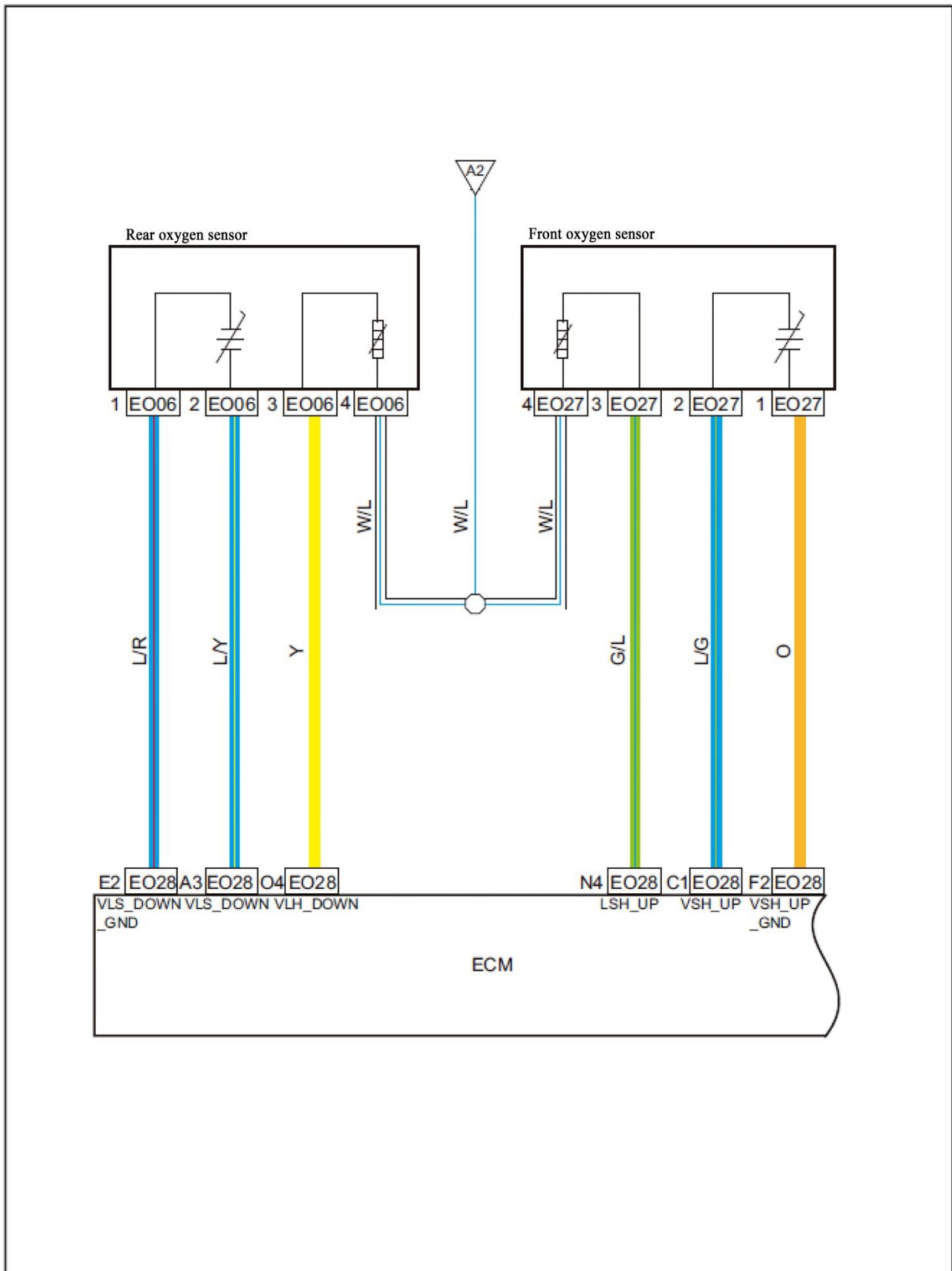
Cooling fan control (GC6)



Harness connector	Name	Page
CA06	Right fan motor harness connector	32
CA18	To engine harness connector	32
EO04	To engine compartment harness connector	48
CA05	Left fan motor harness connector	32
CA22	Left fan motor harness connector (water-proofed)	32
CA23	Right fan motor harness connector (water-proofed)	32
EO28	Engine control module B harness connector	49
G2	Engine compartment grounding	80
G1	Engine compartment grounding	80

Connection point	Description	Page
A1	Main relay power supply	154

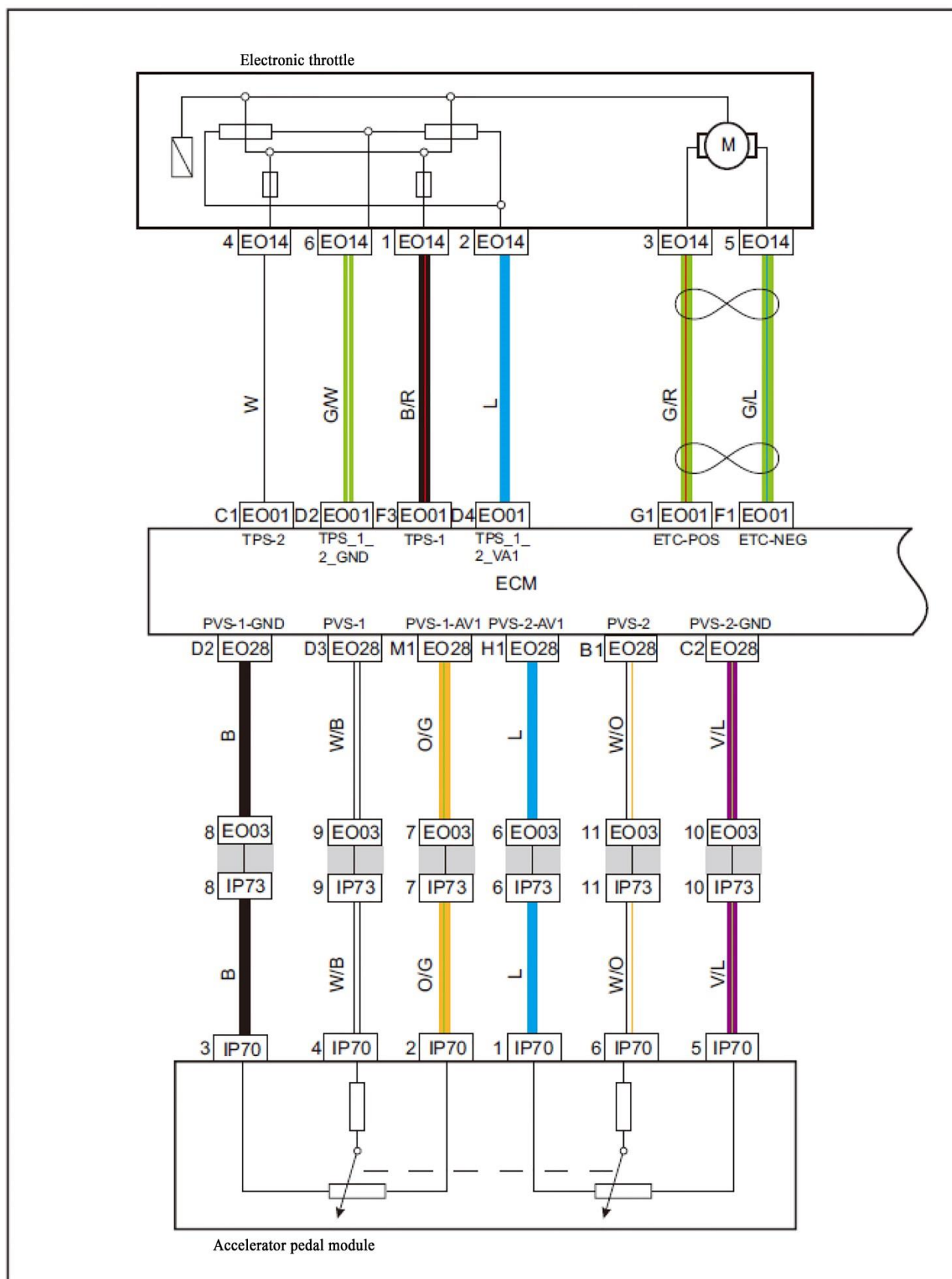
Oxygen sensor control (JLB-4G15)

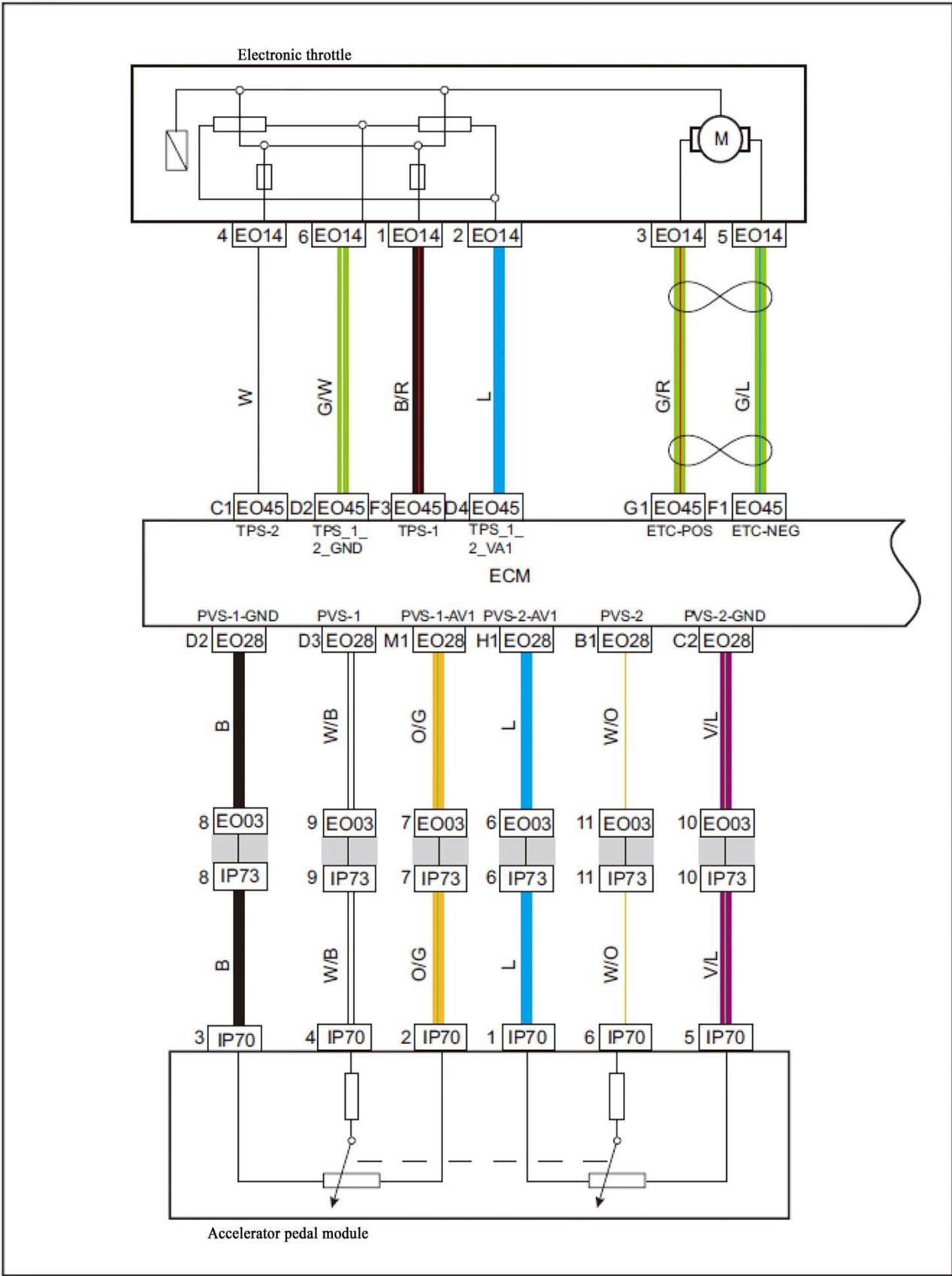


Harness connector	Name	Page
EO01	Engine control module A harness connector	49
EO06	Rear oxygen sensor harness connector	48
EO27	Front oxygen sensor harness connector	48
EO28	Engine control module B harness connector	49

Connection point	Description	Page
A2	Power supply of main relay	154

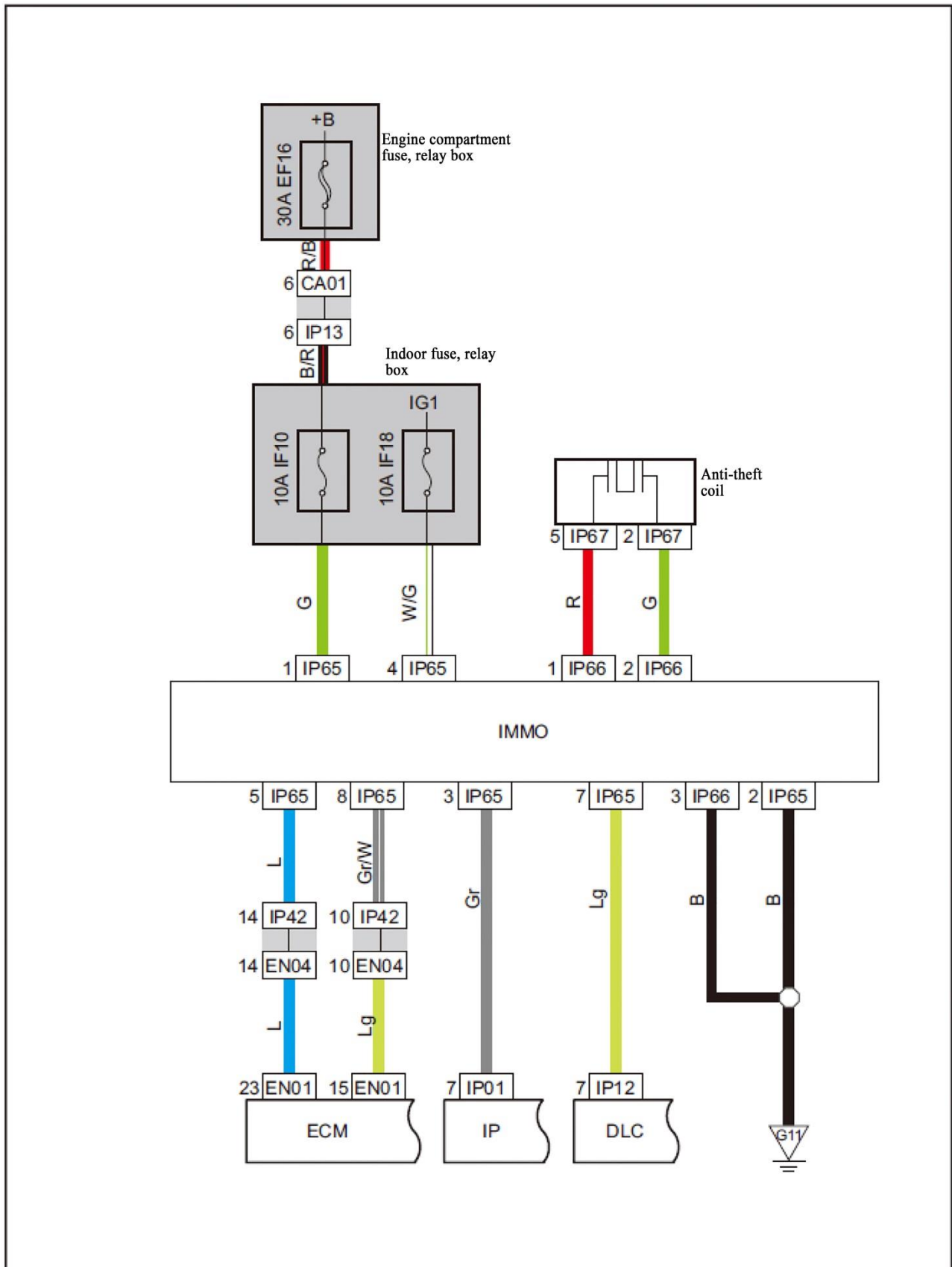
Electronic throttle control (JLB-4G15)





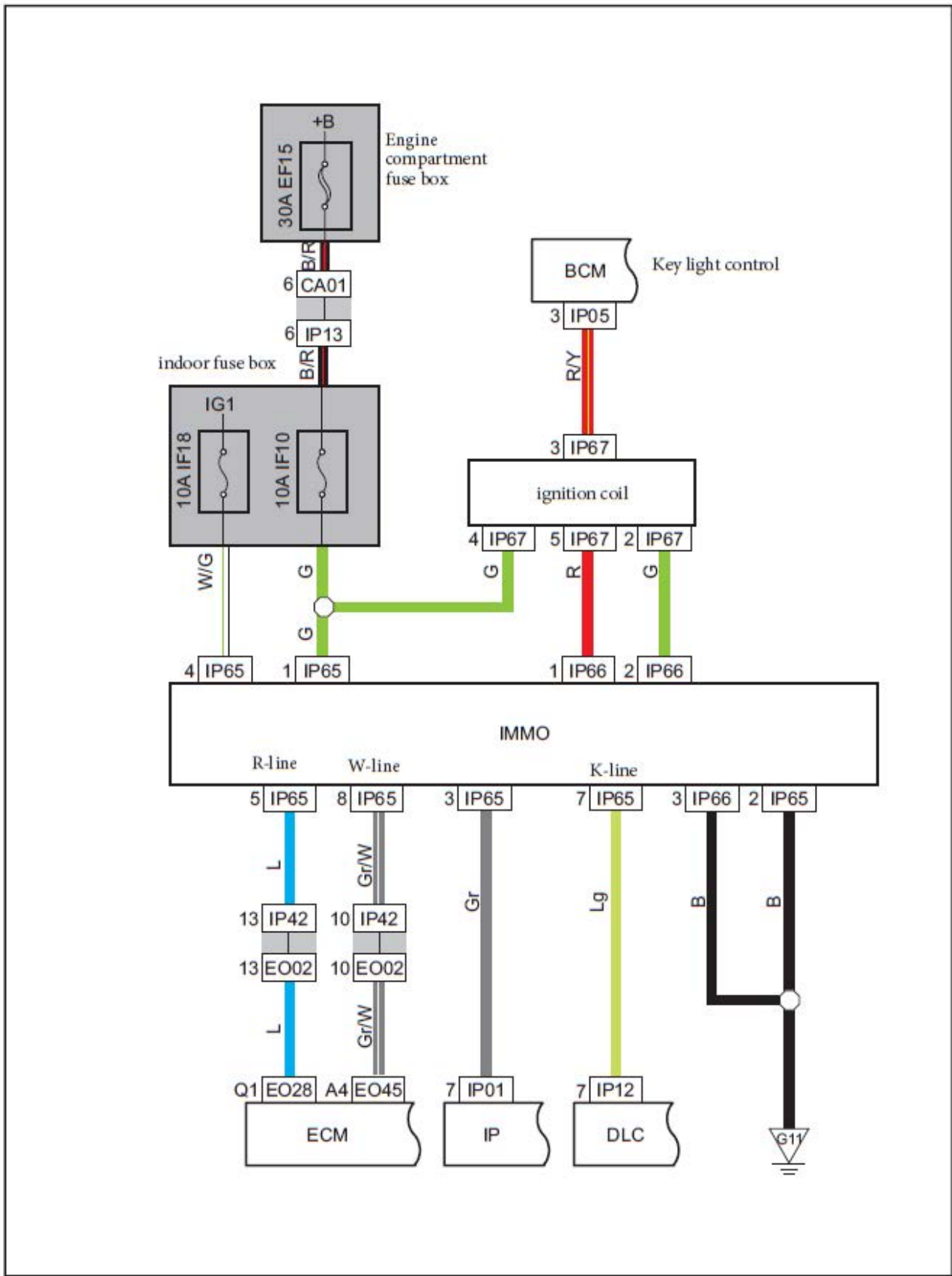
Harness connector	Name	Page
EO01	Engine control module A harness connector	49
EO03	To instrument harness connector B	49
EO14	Electronic throttle harness connector	48
EO28	Engine control module B harness connector	49
IP70	Accelerator pedal module harness connector	54
IP73	To engine harness connector B	54

Engine immobilizer (MR479QN)



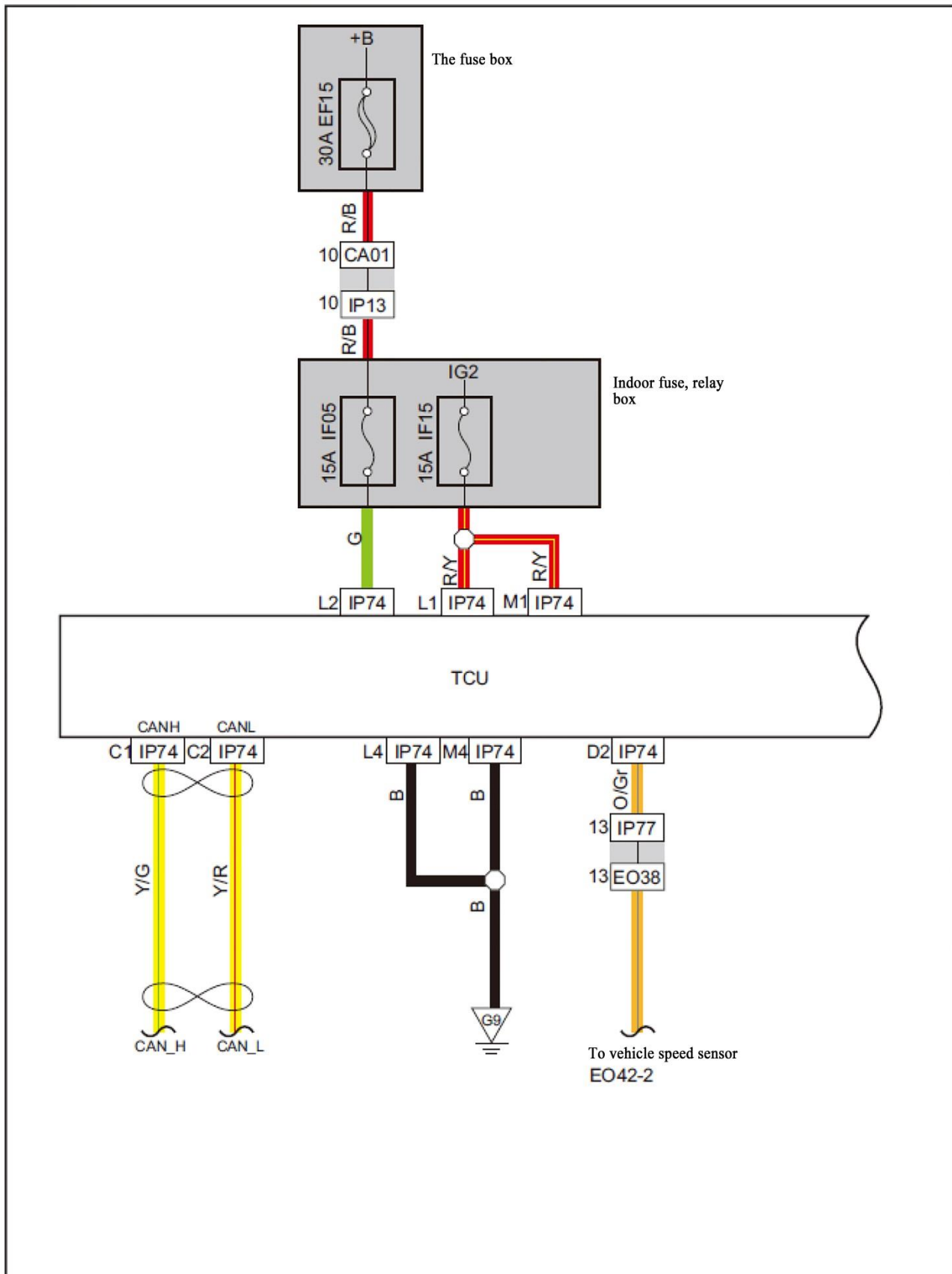
Harness connector	Name	Page
EN01	Engine control module harness connector	39
EN04	To instrument harness connector	38
IP01	Combination instrument harness connector	54
IP12	Diagnostic interface harness connector	54
IP65	Engine immobilizer A harness connector	54
IP66	Engine immobilizer B harness connector	54

Engine immobilizer (GC6)



Harness connector	Name	Page
EO02	To instrument harness connector A	49
EO28	Engine control module B harness connector	49
EO45	Engine control module A harness connector (GC6)	49
IP01	Combination instrument harness connector	54
IP12	Diagnostic interface harness connector	54
IP13	To engine compartment harness connector	54
IP42	To engine harness connector	54
IP65	Engine immobilizer A harness connector	54
IP66	Engine immobilizer B harness connector	54
IP67	Immobilizer antenna harness connector	54
CA01	To instrument harness connector	30

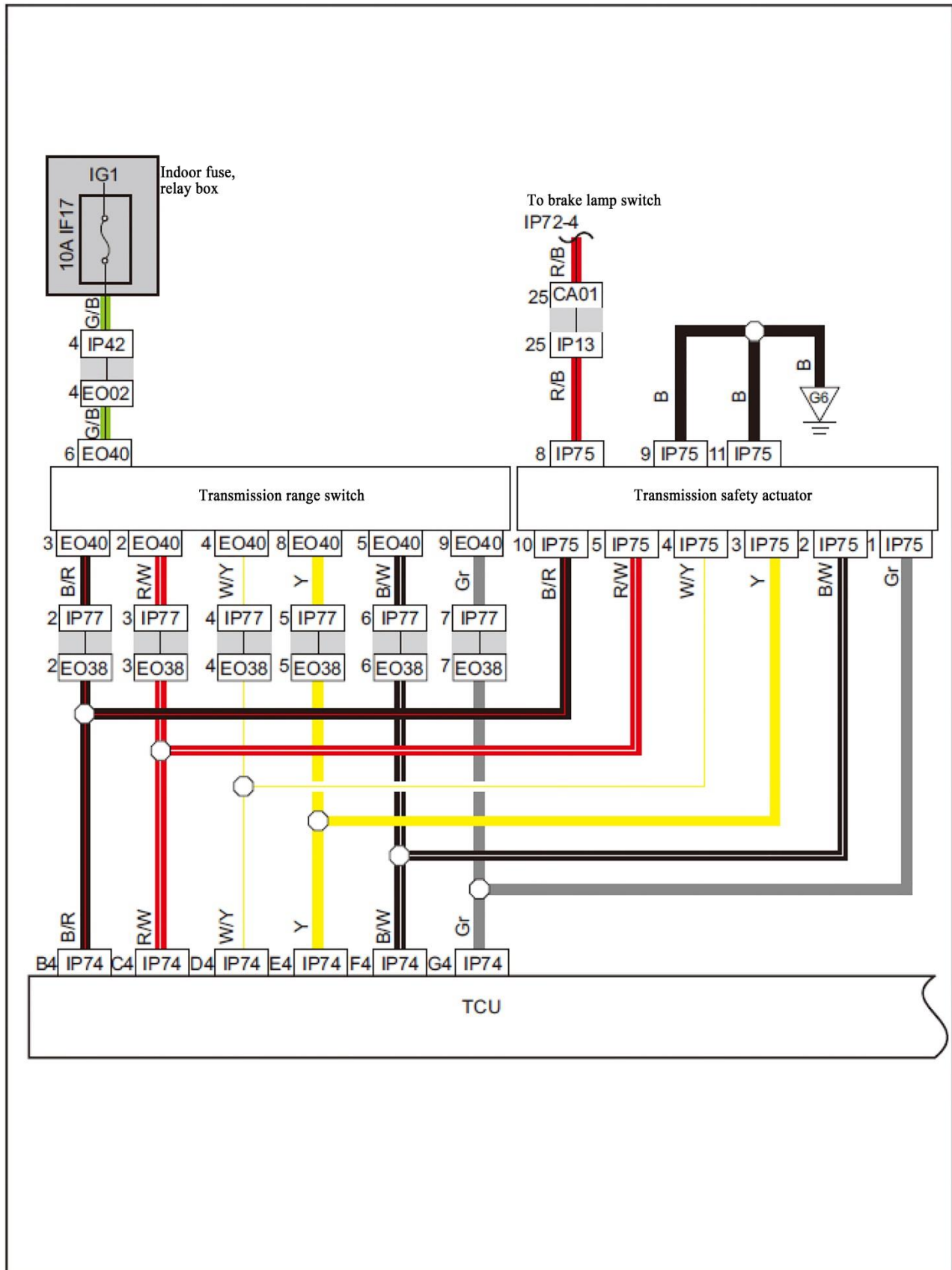
TCU power supply, grounding, data line (JLB-4G15-4AT)

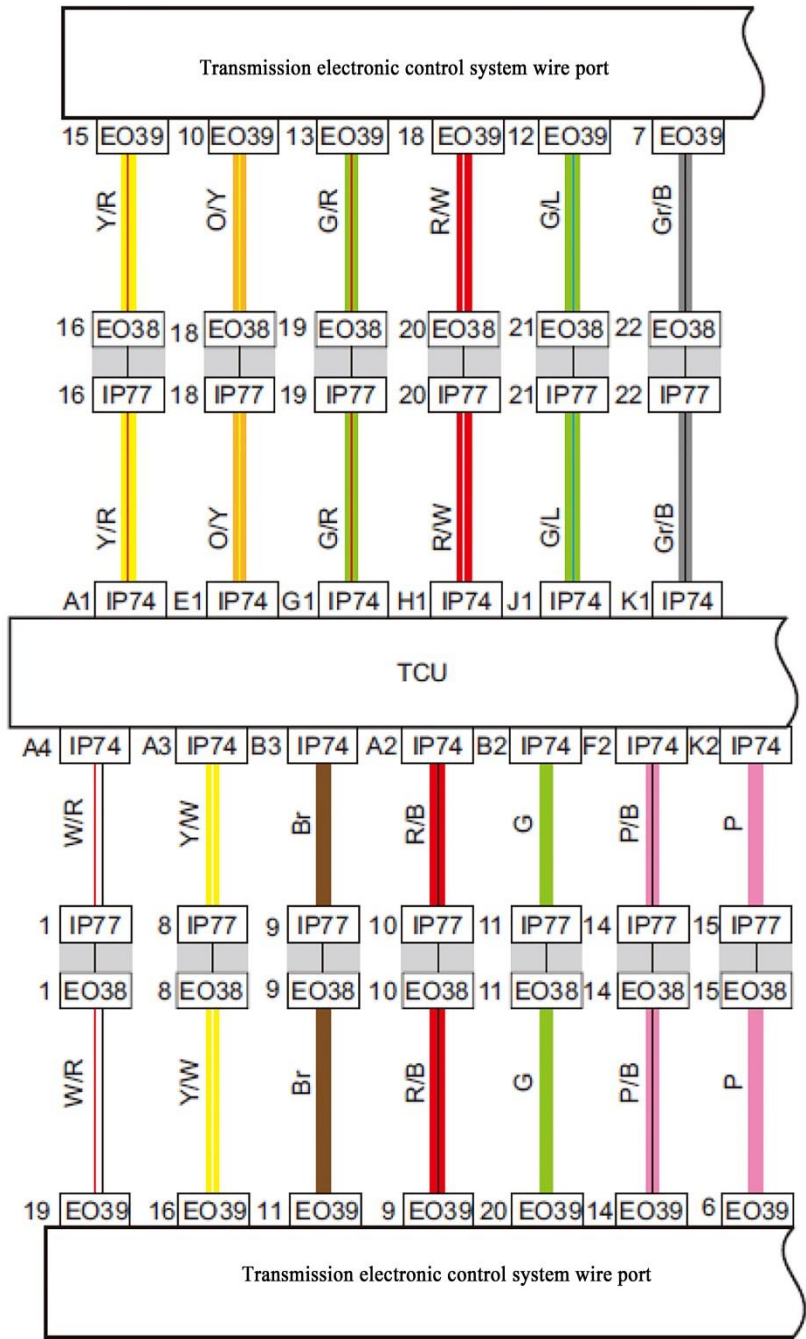


Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine harness connector B (JLB-4G15)	54
IP74	Automatic transmission control module harness connector (AT)	54
IP77	To engine harness connector C	54
EO38	To instrument panel harness connector C (AT)	49
G9	Instrument panel grounding	84

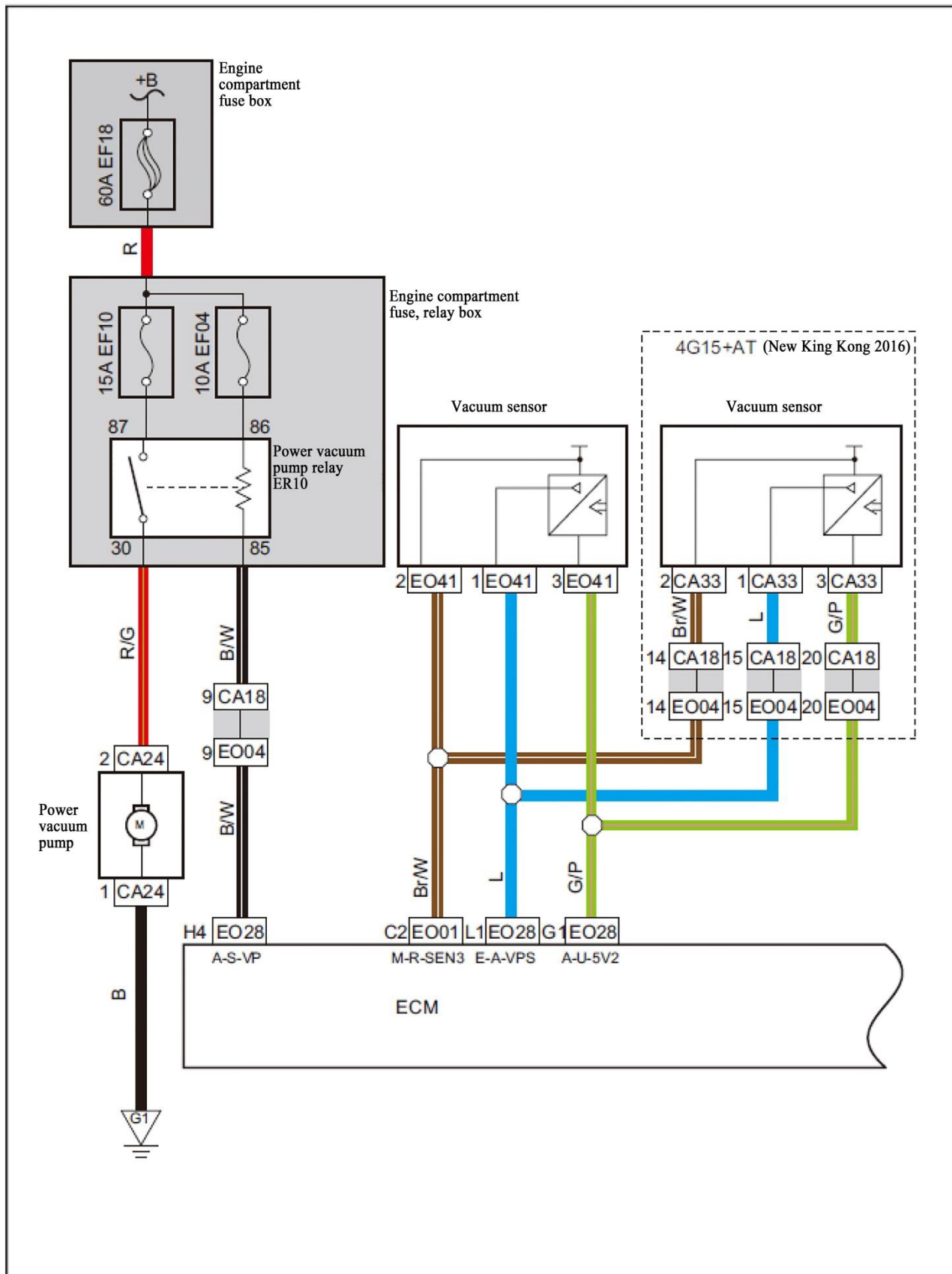
Connection point	Description	Page
IP74-C1	To CAN L	327
IP74-C2	To CAN H	327
IP74-D2	To vehicle speed sensor EO42-2	163

TCU control (JLB-4G15-4AT)



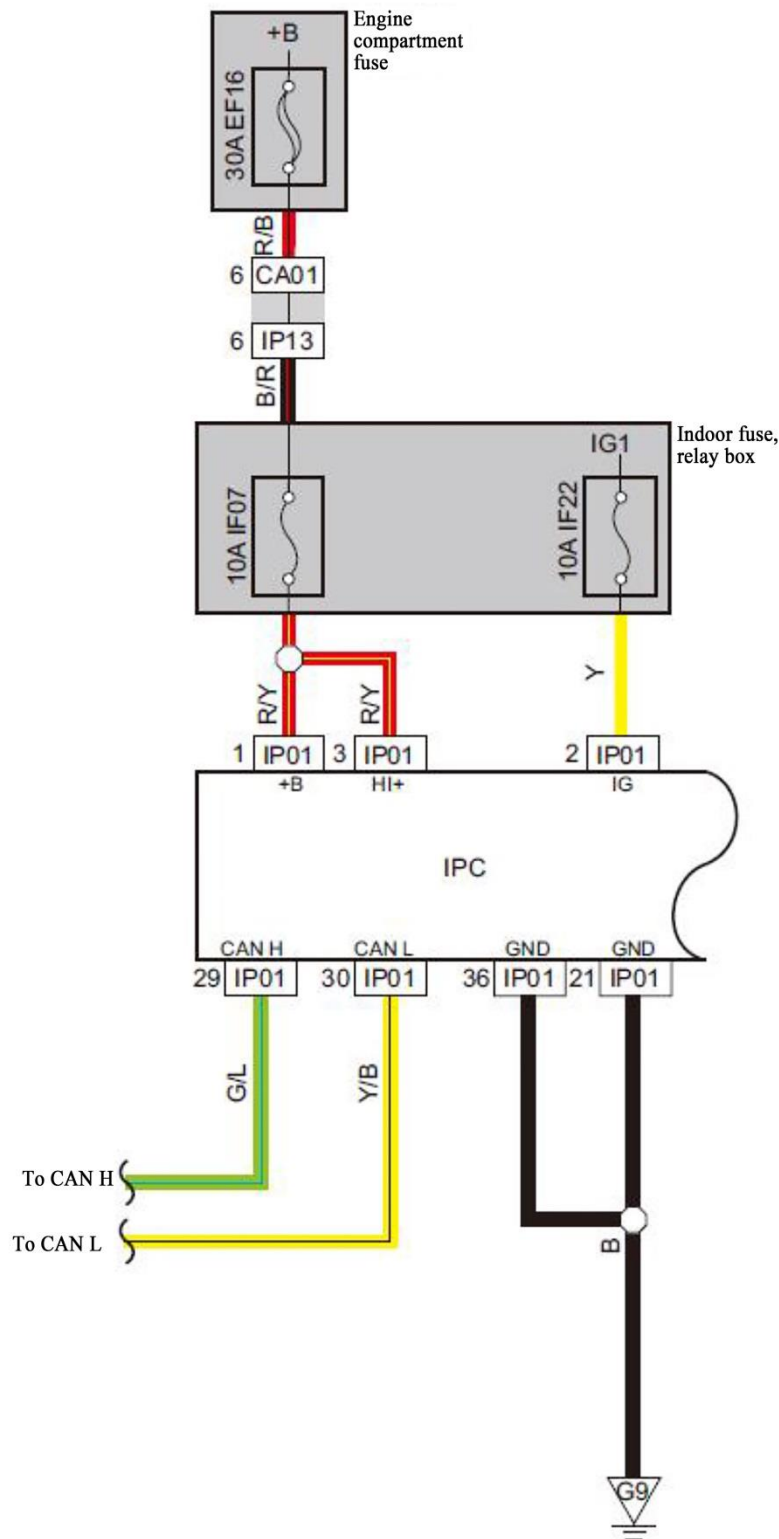


Power vacuum pump (JLB-4G15-4AT)

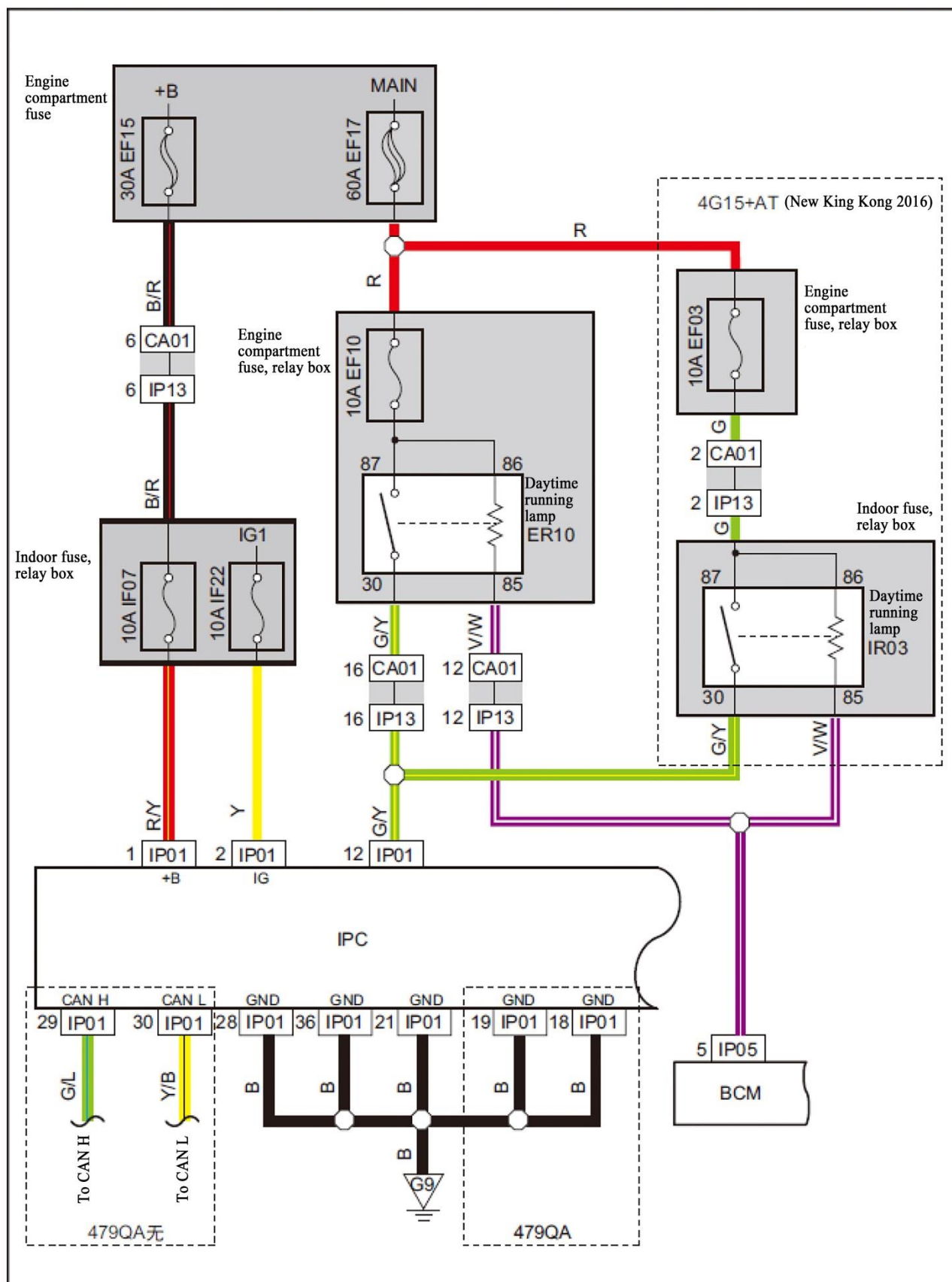


Harness connector	Name	Page
CA18	To engine harness connector	32
CA24	Power vacuum pump harness connector (AT)	32
CA33	Vacuum sensor harness connector (New King Kong 2016)	32
EO01	Engine control module A harness connector	49
EO04	To engine compartment harness connector	49
EO28	Engine control module B harness connector	48
EO41	Vacuum sensor harness connector (AT)	48
G1	Engine compartment grounding	80

Combination instrument power supply, grounding

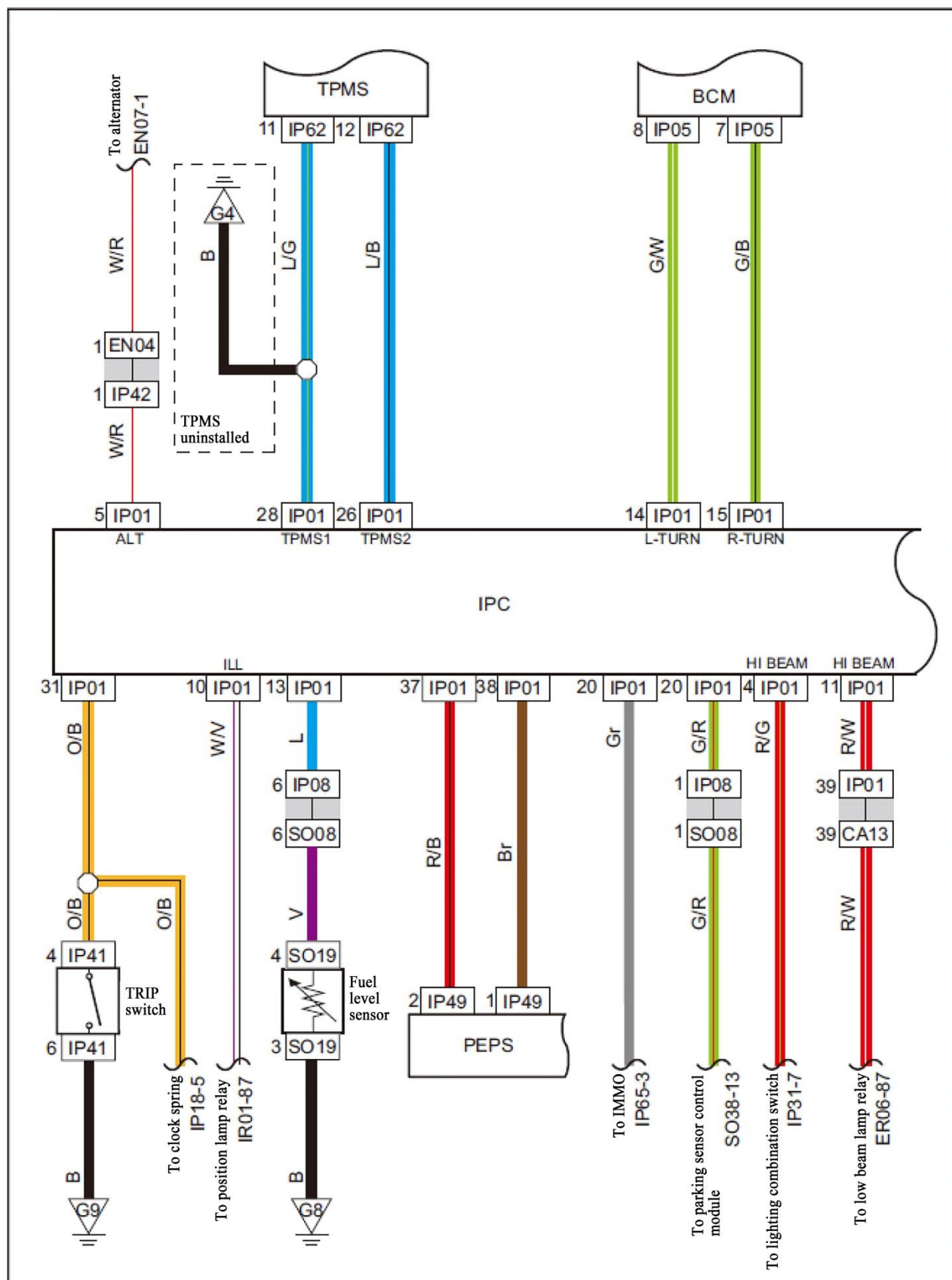


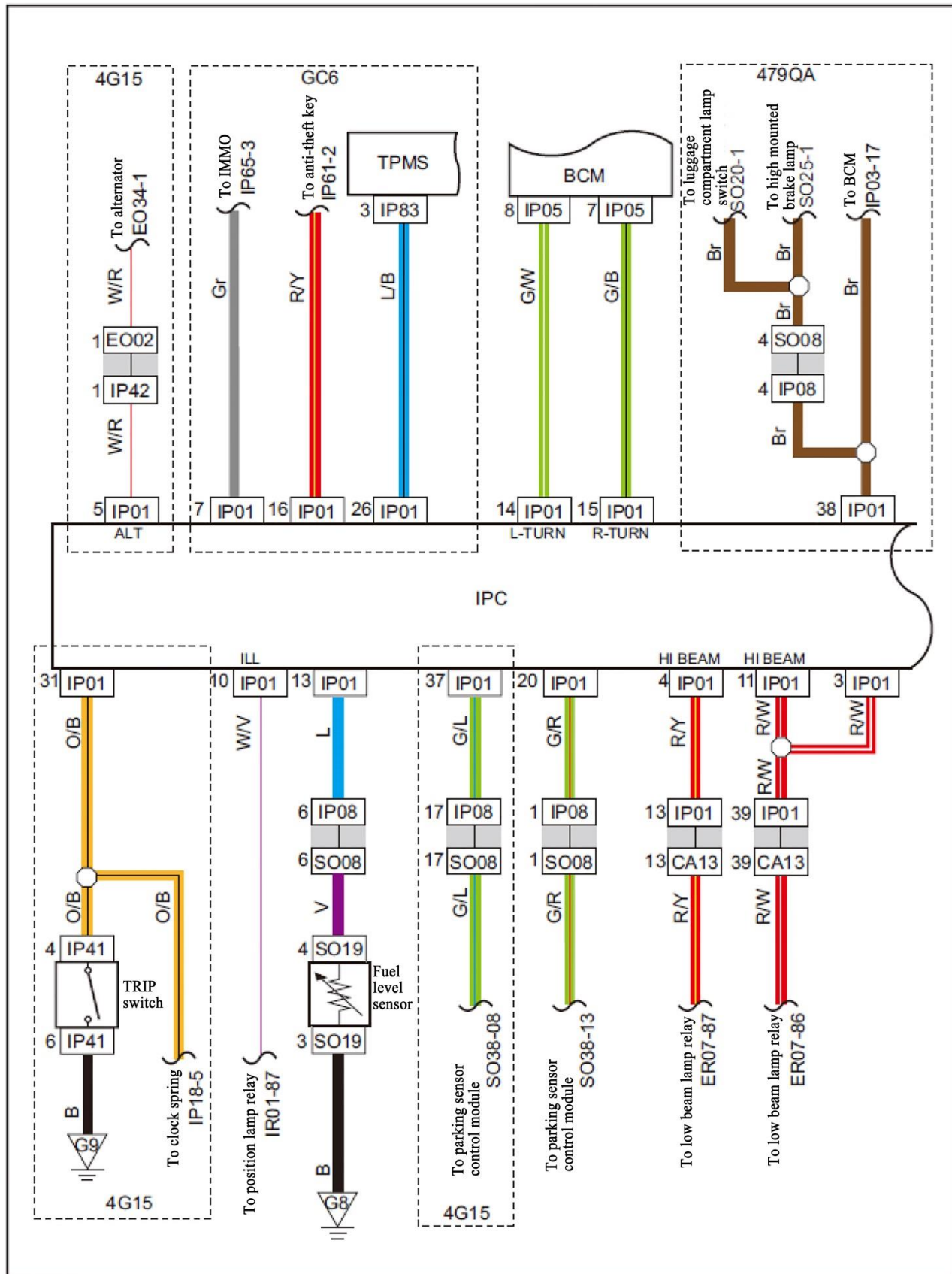
Combination instrument power supply, grounding (GC6/New King Kong 2016)



Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP01	Combination instrument harness connector	54
IP05	BCM harness connector B	54
G9	Instrument grounding	84

Combination instrument lighting indicator

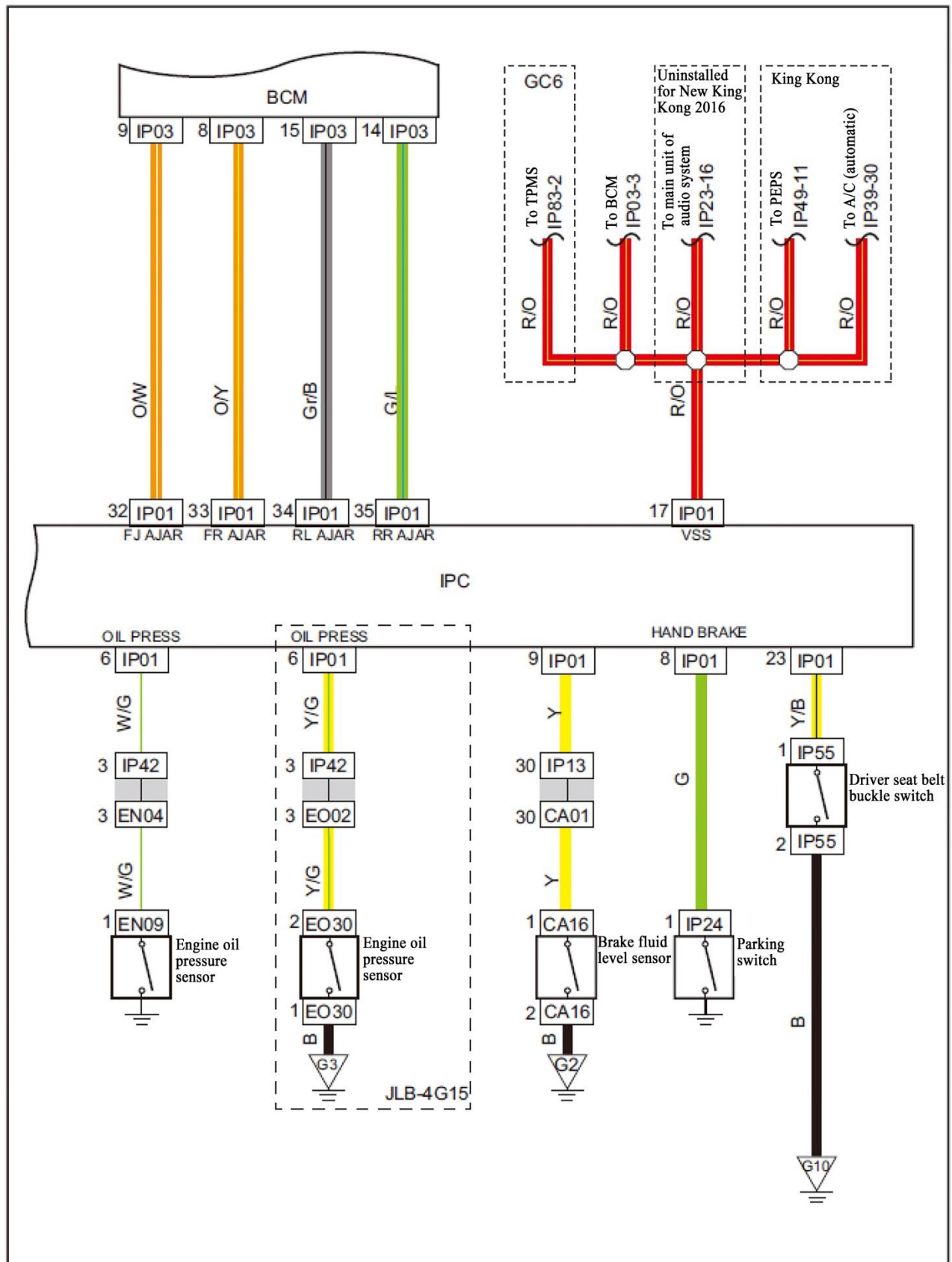




Harness connector	Name	Page
IP01	Combination instrument harness connector	54
IP05	BCM harness connector B	46
IP08	To floor harness connector B	46
IP41	Middle switch harness connector	46
IP42	To engine harness connector	54
IP52	BMCS module harness connector	46
IP62	TPMS control module harness connector	54
IP83	TPMS control module harness connector (GC6)	54
EN04	To instrument harness connector	36
EO02	To instrument harness connector A	49
SO08	To instrument panel harness connector B	65
SO19	Fuel pump and fuel level sensor harness connector	56
CA13	Horn 2 harness connector (right)	32
G4	Instrument grounding	84
G6	Instrument grounding	84
G8	Floor grounding	85

Connection point	Description	Page
IP01-5	To alternator EO34-1	102
IP01-31	To clock spring IP18-5	284
IP01-10	To position lamp relay IR01-87	234
IP01-20	To parking sensor control module SO38-13	297
IP01-37	To parking sensor control module SO38-8	243
IP01-4	To low beam lamp relay ER07-87	210
IP01-11	To low beam lamp relay ER07-86	210
IP01-16	To anti-theft key IP61-2	159
IP01-7	To IMMO IP65-3	174
IP01-38	To BCM IP03-17	190
	To luggage compartment lamp switch SO20-1	196
	To high mounted brake lamp SO25-1	222

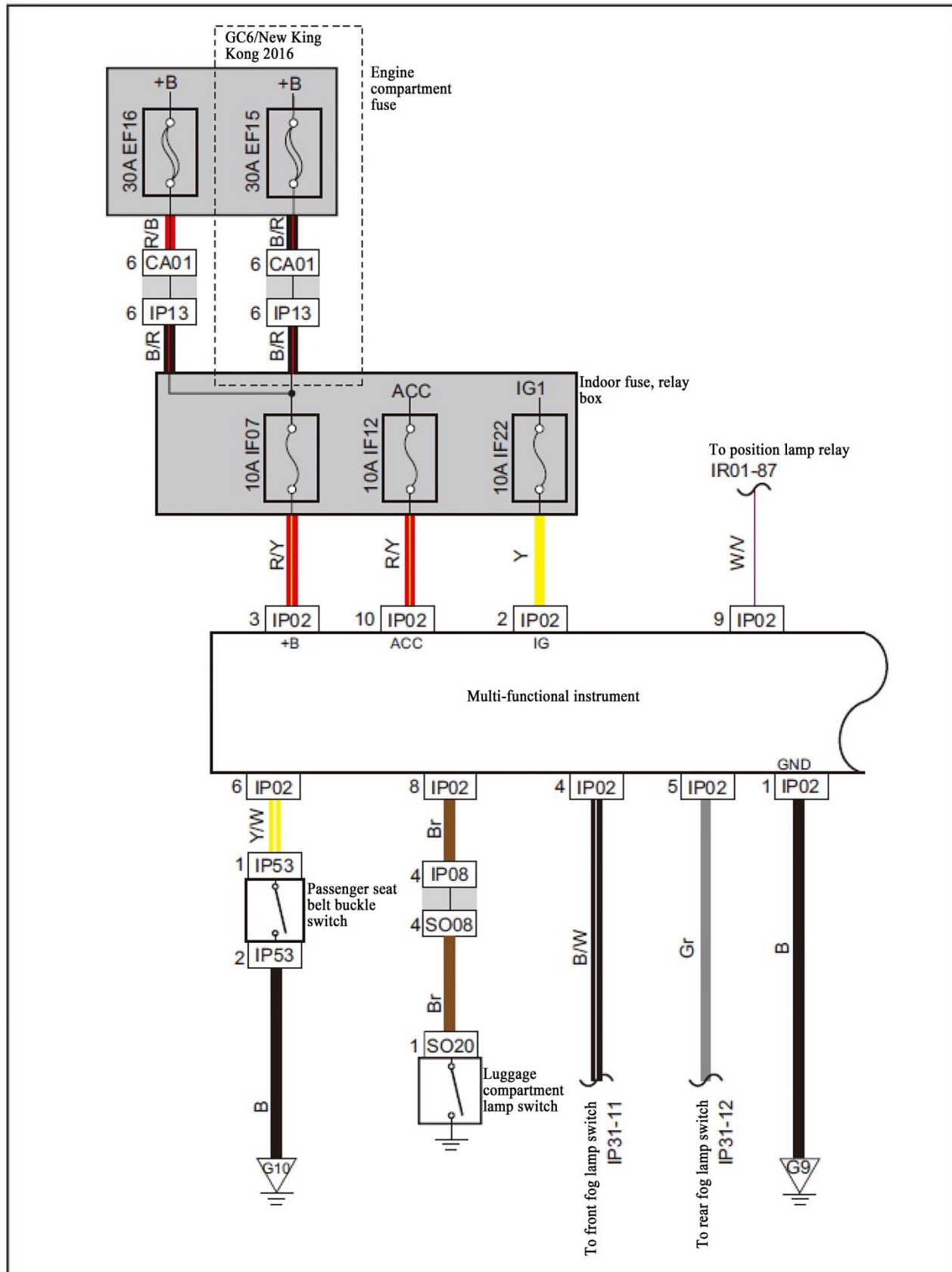
Combination instrument sound warning, alarm



Harness connector	Name	Page
IP01	Combination instrument harness connector	54
IP03	BCM harness connector A1	46
IP24	Parking switch harness connector	46
IP42	To engine harness connector	54
IP55	Driver side seat belt buckle switch harness connector	46
EN04	To instrument panel harness connector	39
EN09	Engine oil pressure sensor harness connector	38
EO02	To instrument panel harness connector	49
EO30	Engine oil pressure sensor harness connector	48
CA16	Brake fluid level sensor harness connector	32
G2	Engine compartment grounding	80
G3	Engine grounding	82
G10	Instrument grounding	84

Connection point	Description	Page
IP01-17	To BCM IP03-3	243/244
	To main unit of audio system IP23-16	284
	To TPMS IP83-2	268

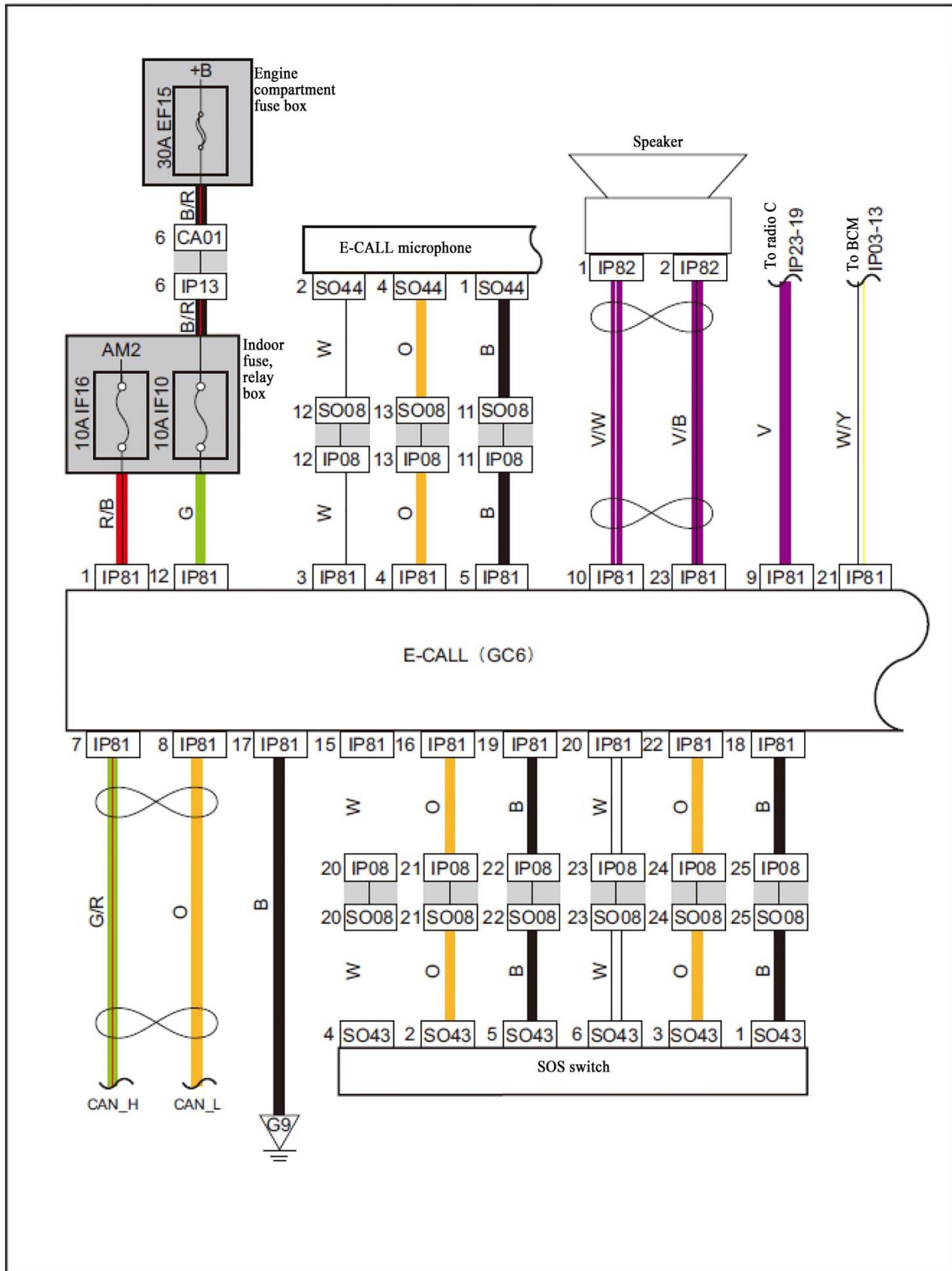
Multi-functional instrument



Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP02	Multi-functional instrument harness connector	54
IP53	Passenger seat belt buckle switch	54
IP08	To floor harness connector B harness connector	54
SO08	To instrument panel harness connector B harness connector	43
SO20	Luggage compartment lamp switch harness connector	43
G10	Instrument panel grounding	59
G9	Instrument grounding	59

Connection point	Description	Page
IP02-4	To left combination lamp switch IP31-11	214
IP02-5	To left combination lamp switch IP31-12	214

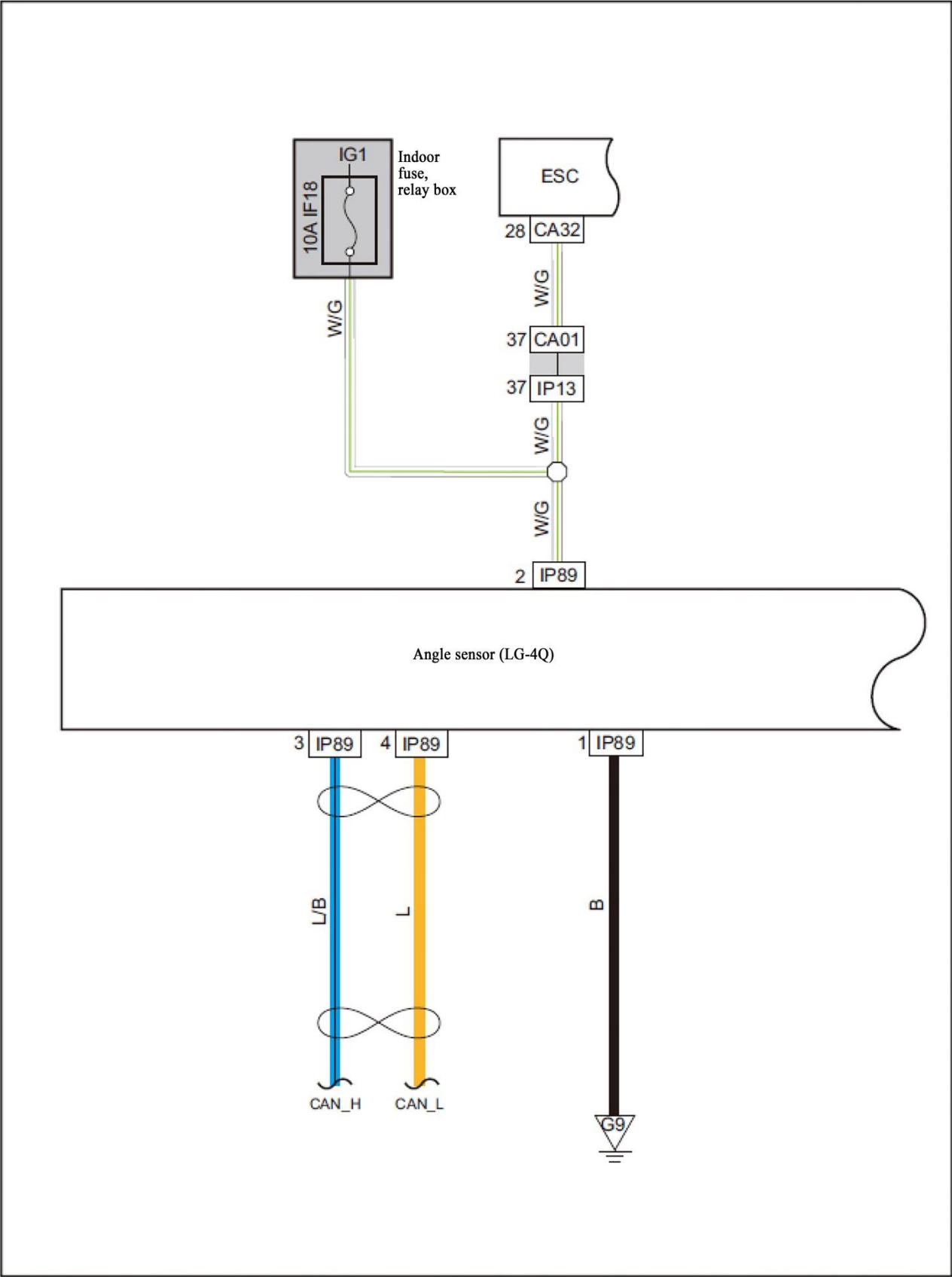
E-CALL, E-CALL microphone, SOS switch (GC6)



Harness connector	Name	Page
CA01	To instrument harness connector	33
IP08	To floor harness connector B harness connector	46
IP13	To engine compartment harness connector	54
IP81	E-CALL control module harness connector (GC6)	54
IP82	E-CALL speaker harness connector (GC6)	54
SO08	To instrument panel harness connector B harness connector	43
SO43	SOS switch harness connector (GC6)	43
SO44	E-CALL microphone harness connector (GC6)	43
G9	Instrument grounding	59

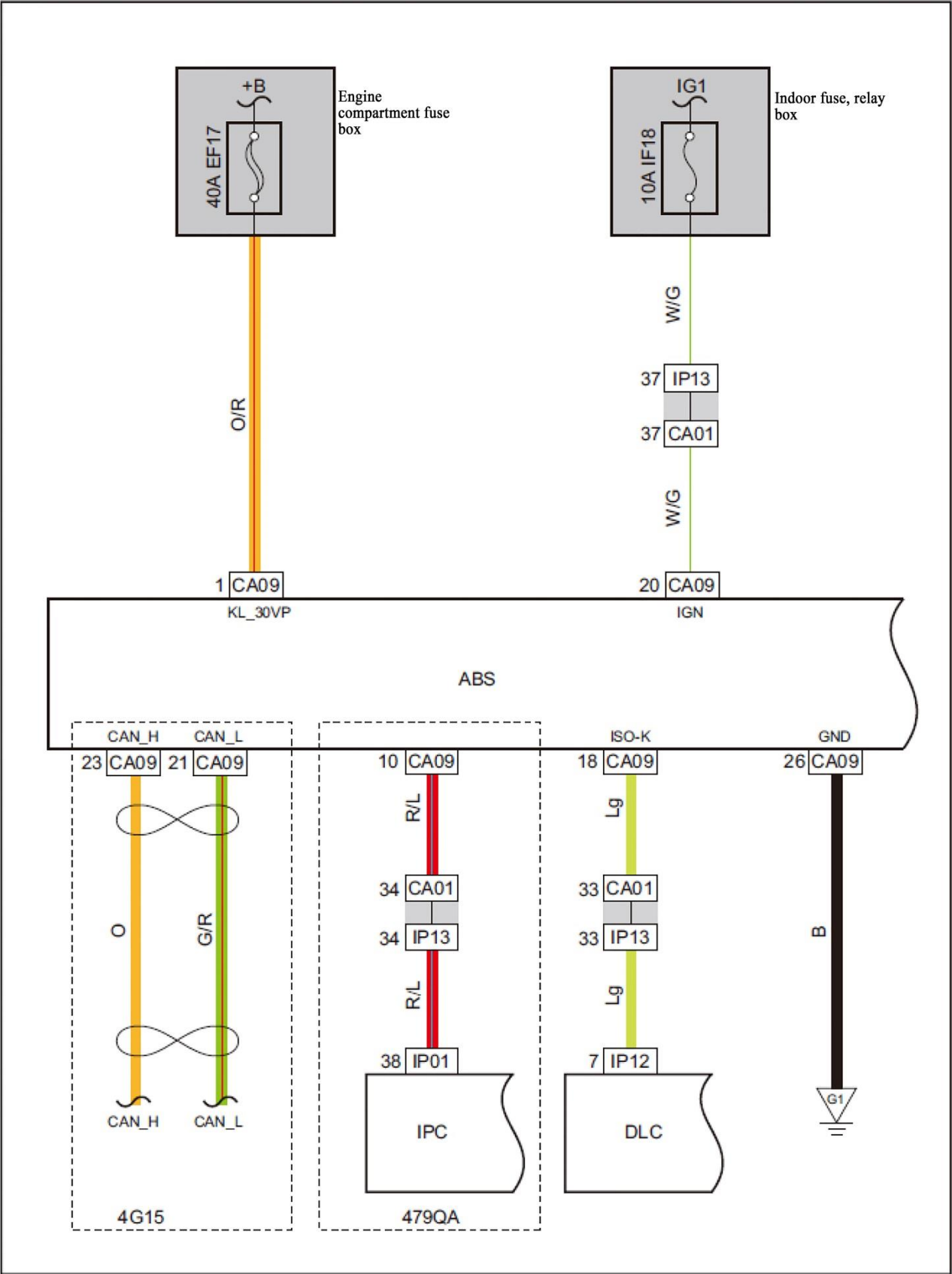
Connection point	Description	Page
IP81	To radio C IP23-19	167
	To BCM IP03-13	254

Angle sensor (GC6)



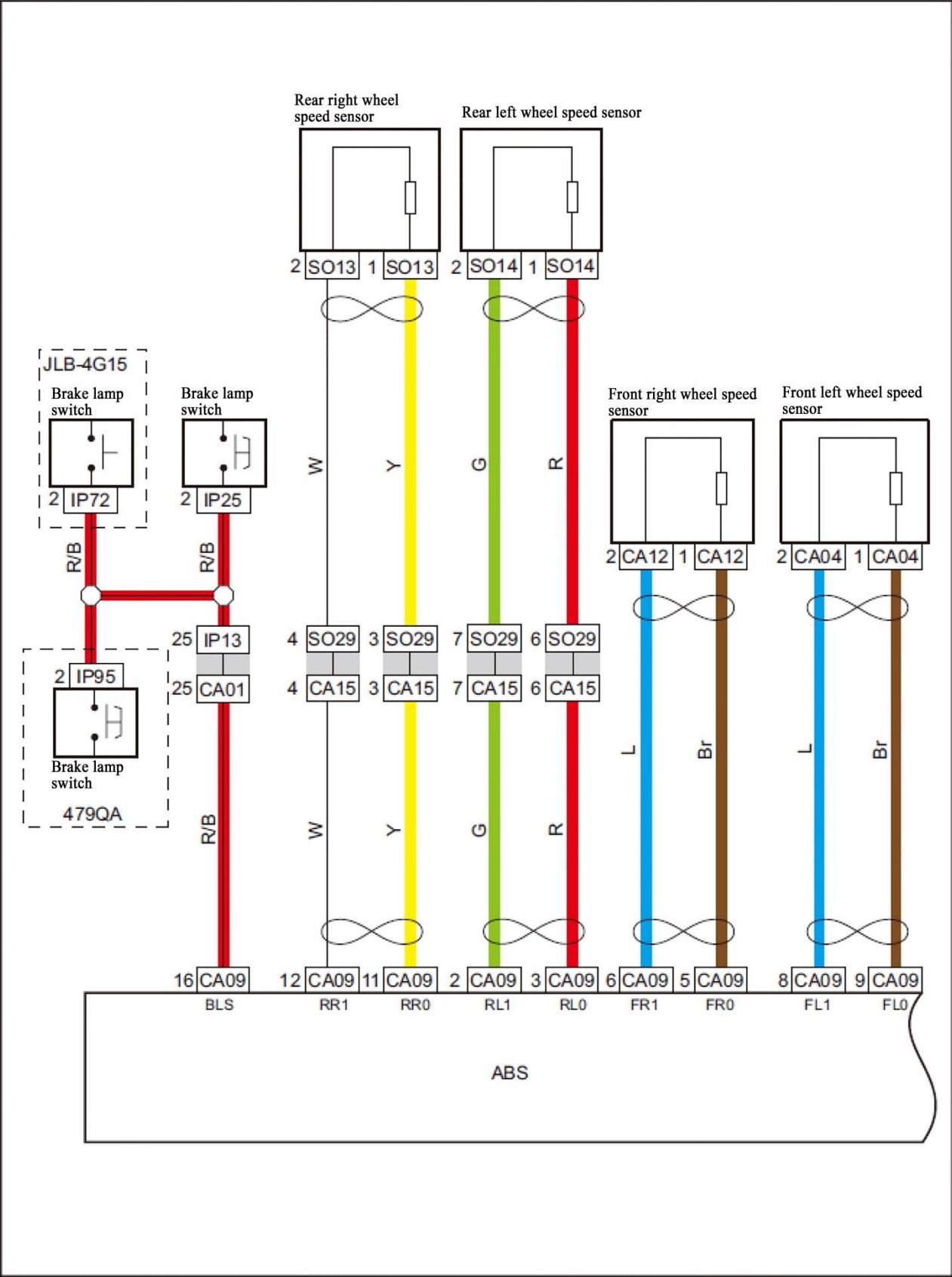
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA32	ESC control module harness connector (GC6)	32
IP13	To engine compartment harness connector	54
IP89	E-CALL control module harness connector (GC6)	54
SO44	E-CALL microphone harness connector (GC6)	43
G9	Instrument grounding	59

ABS power supply, grounding, signal



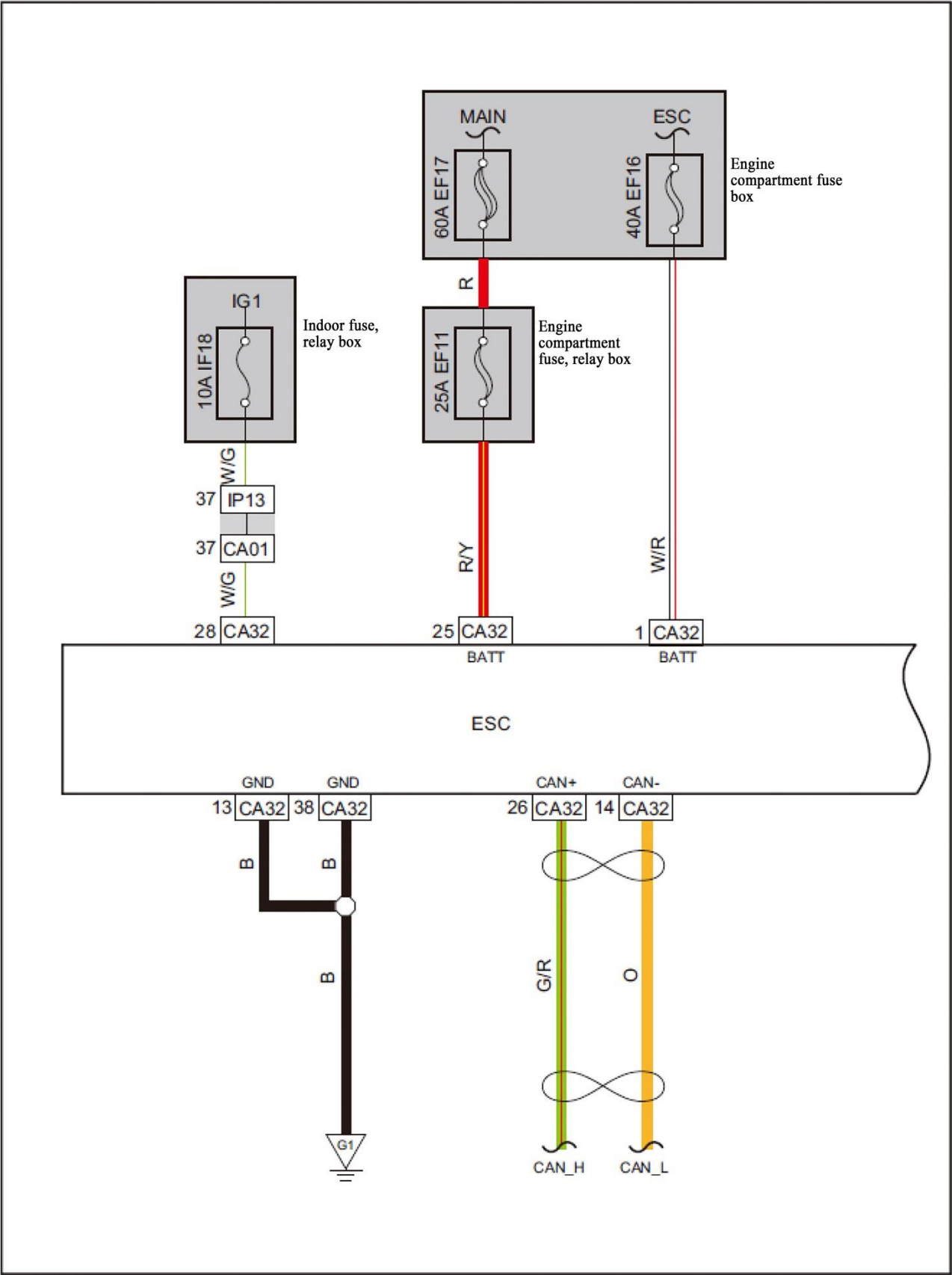
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA09	ABS control module harness connector	32
IP01	Combination instrument harness connector	49
IP12	Diagnostic interface harness connector	49
IP13	To engine compartment harness connector	54
G1	Instrument grounding	84

ABS sensor



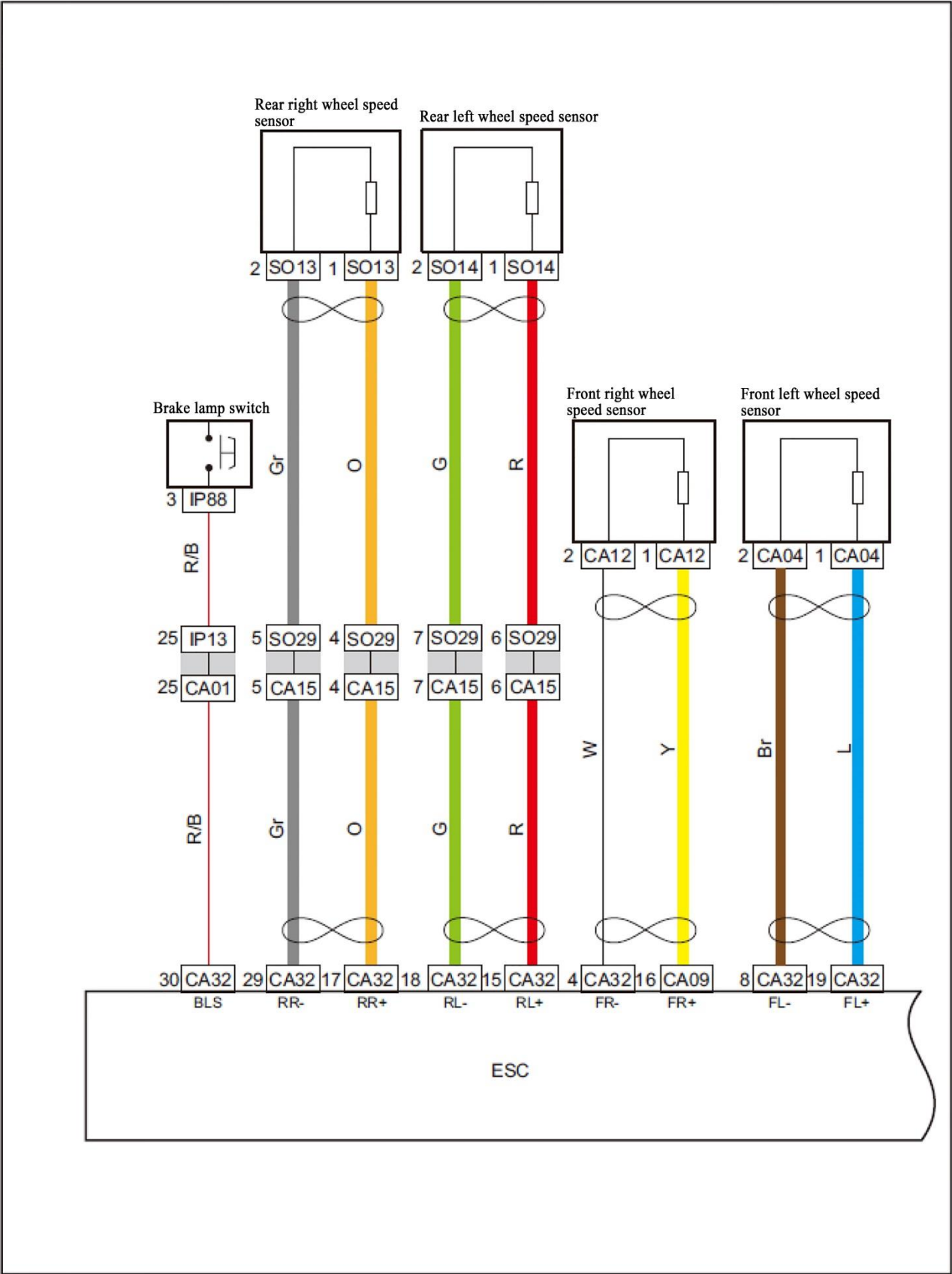
Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP25	Brake lamp switch harness connector	54
IP72	Brake lamp switch harness connector (four-line)	54
SO29	To engine compartment harness connector	65
CA15	To floor harness connector	32
SO13	Rear right wheel speed sensor harness connector	65
CA12	Front right wheel speed sensor harness connector	32
CA09	ABS control module harness connector	32

ESC power supply, grounding, signal (GC6)



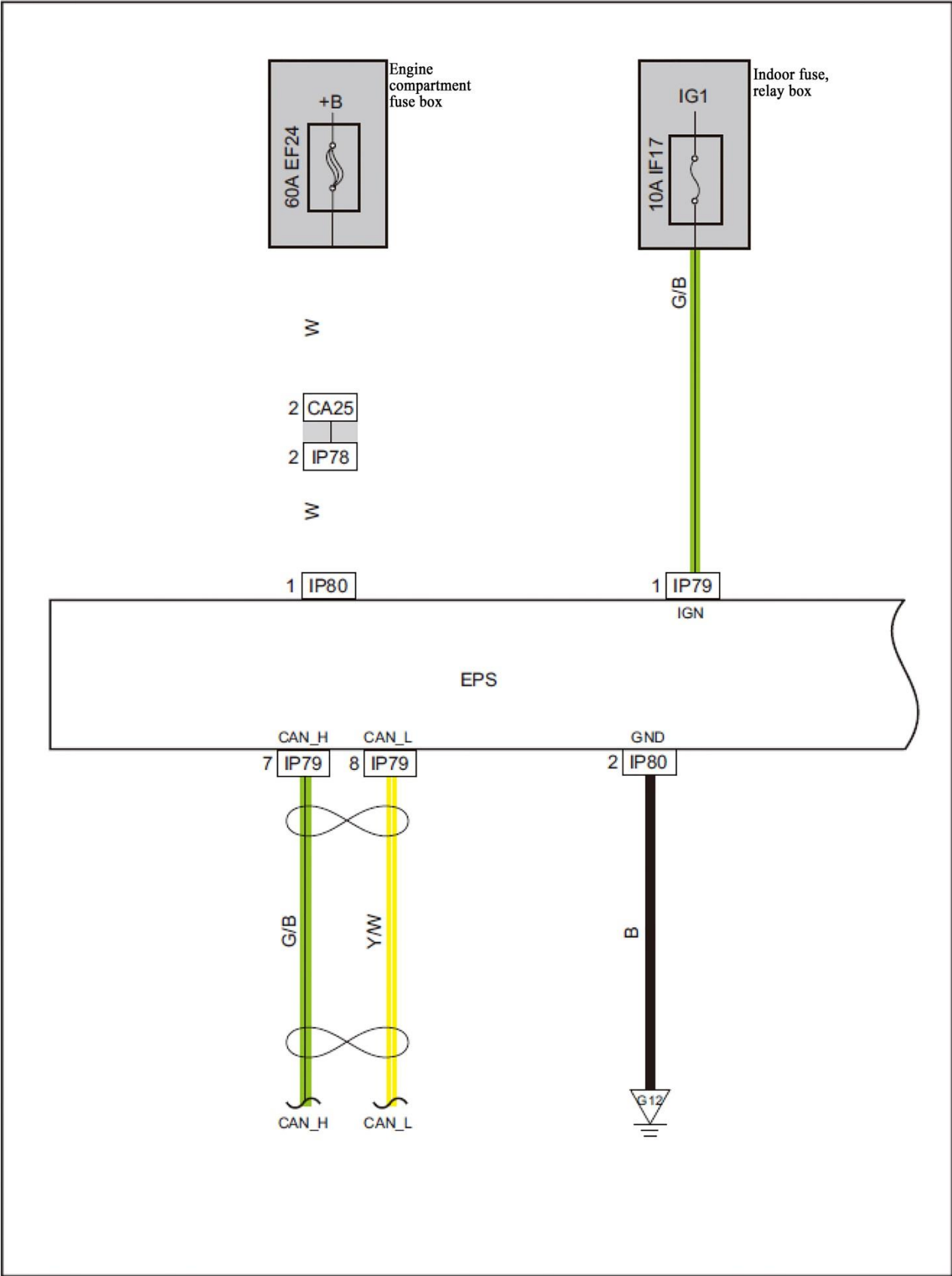
Harness connector	Name	Page
CA32	ESC control module harness connector	29
G1	Instrument grounding	84

ABS sensor (GC6)



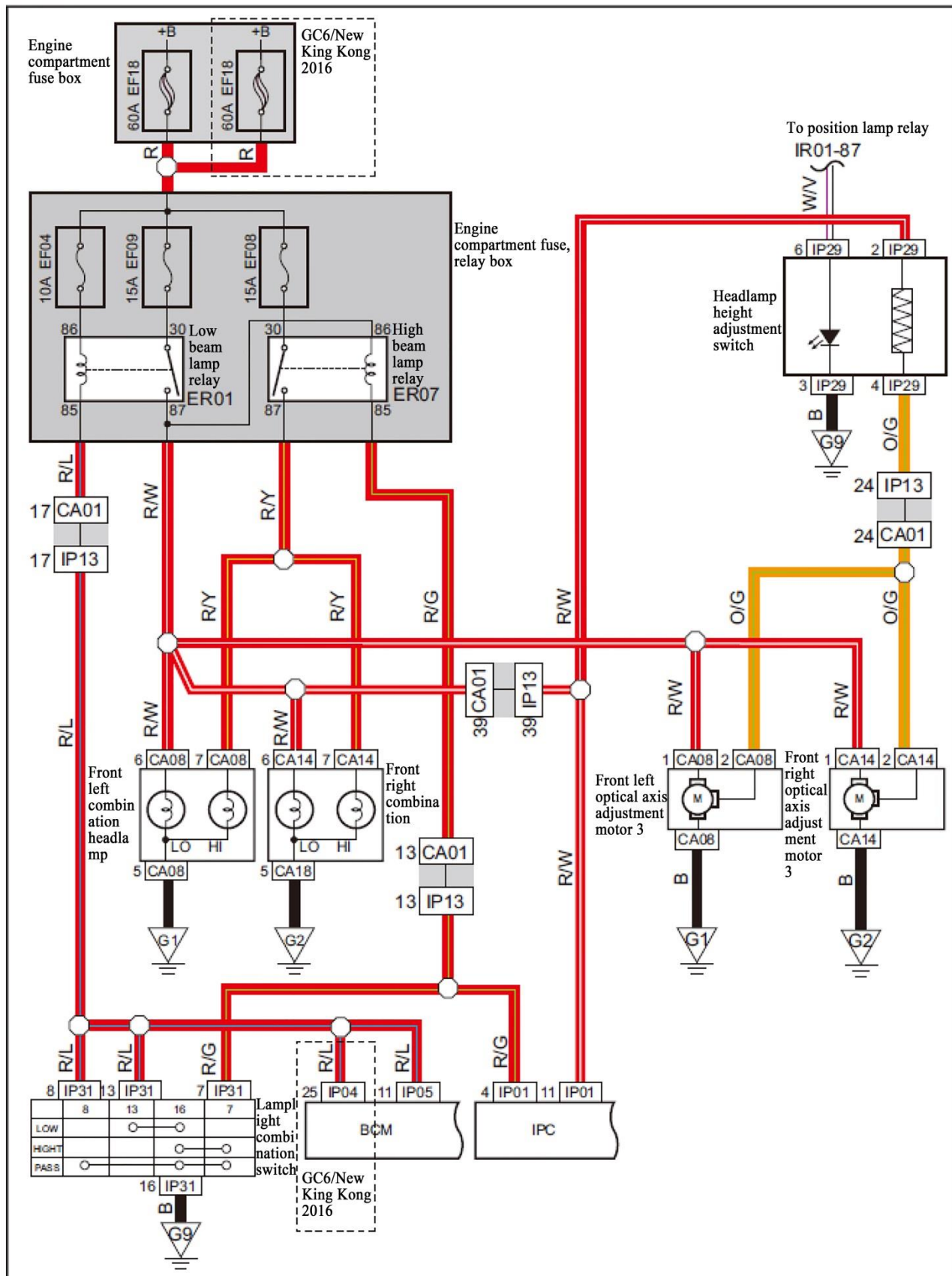
Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP88	Brake lamp switch harness connector	54
SO29	To engine compartment harness connector	65
CA15	To floor harness connector	32
SO14	Rear left wheel speed sensor harness connector	56
SO13	Rear right wheel speed sensor harness connector	65
CA04	Front left wheel speed sensor harness connector	32
CA12	Front right wheel speed sensor harness connector	32
CA32	ESC control module harness connector	32

EPS system (JLB-4G15)



Harness connector	Name	Page
CA25	To instrument panel harness connector B	33
IP78	To engine compartment harness connector B (EPS model)	54
IP79	EPS controller A harness connector (EPS model)	54
IP80	EPS controller B harness connector (EPS model)	54
G12	Instrument panel grounding	84

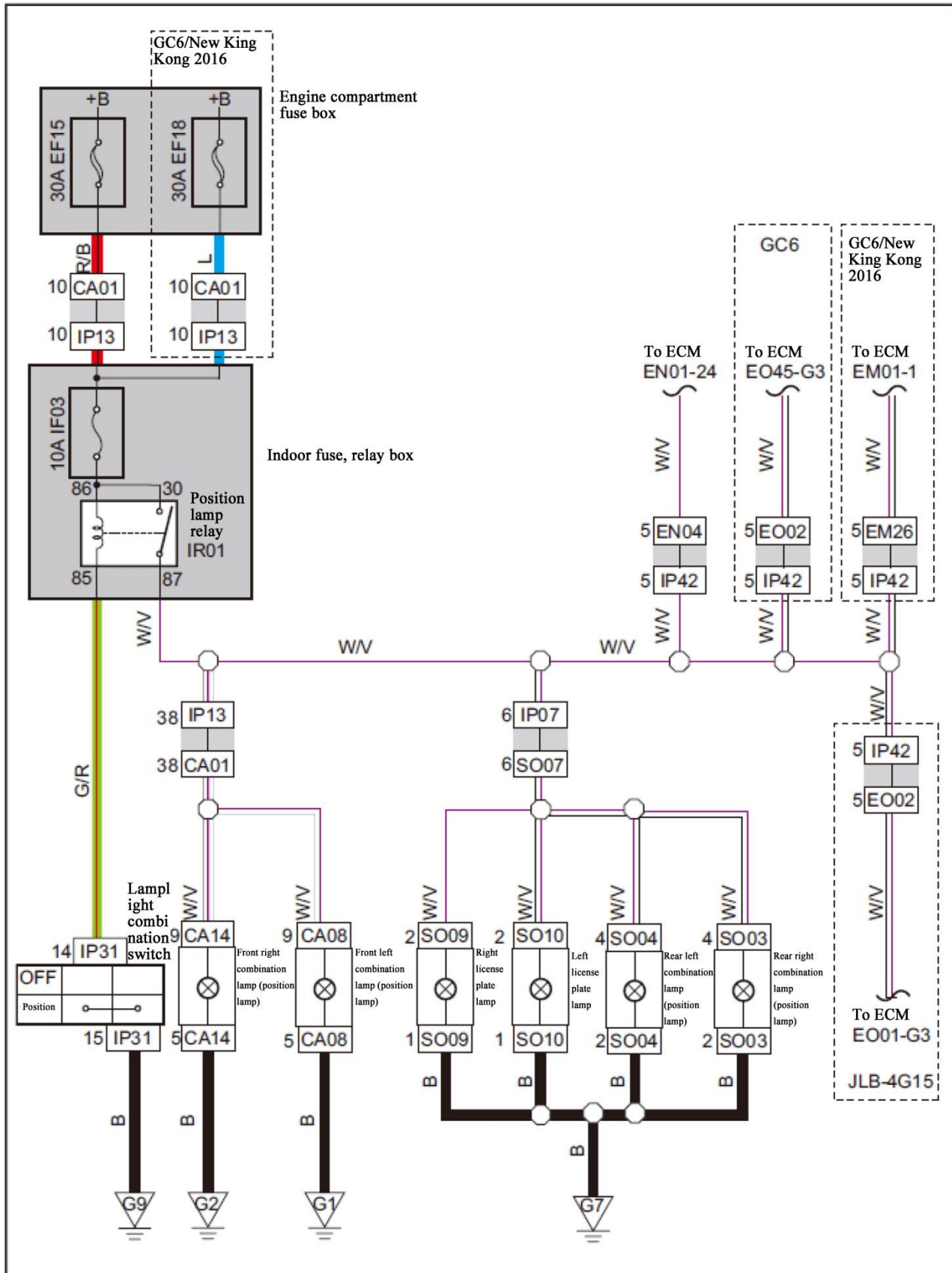
Headlamp



Harness connector	Name	Page
CA01	To instrument harness connector	33
CA08	Front left combination headlamp harness connector	32
CA14	Front right combination headlamp harness connector	32
IP29	Headlamp height adjusting switch harness connector	54
IP01	Combination instrument harness connector	54
IP04	BCM harness connector A2	54
IP05	BCM harness connector B	54
IP13	To engine compartment harness connector	46
IP31	Left combination switch harness connector	54
G9	Instrument grounding	84
G1	Engine compartment grounding	80
G2	Engine compartment grounding	80

Connection point	Description	Page
IP29-6	To position lamp relay IR01-87	234

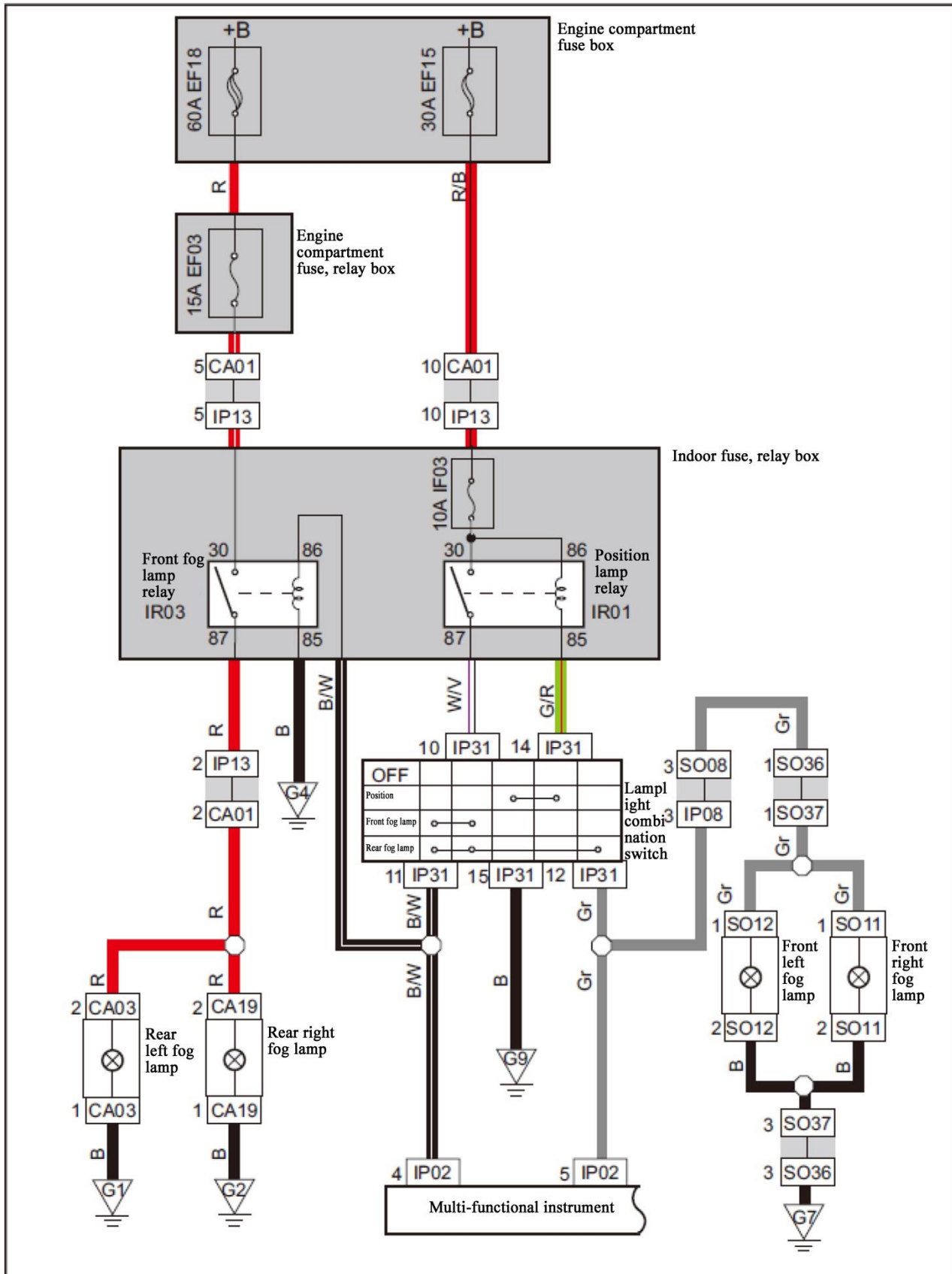
Position lamp



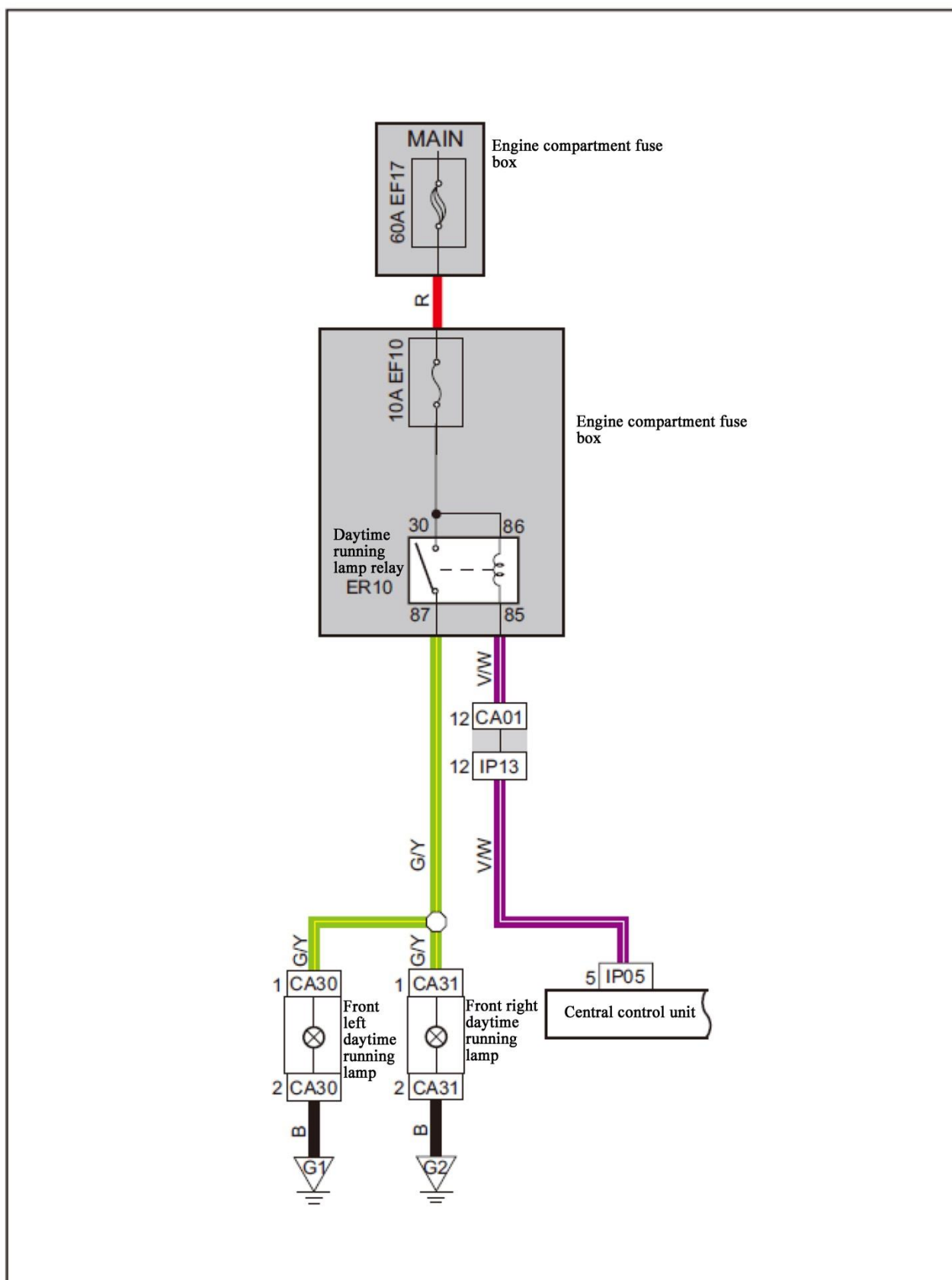
Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP07	To floor harness connector A	54
SO07	To instrument panel harness connector A	65
IP42	To engine harness connector	54
EN04	To instrument harness connector	39
EO02	To instrument harness connector	49
EO45	Engine control module A harness connector (GC6)	49
IP31	Left combination switch harness connector	54
CA14	Front right combination headlamp harness connector	32
CA08	Front left combination headlamp harness connector	32
SO09	Right license plate lamp harness connector	65
SO10	Left license plate lamp harness connector	65
SO04	Rear left combination lamp harness connector	65
SO03	Right rear combination lamp harness connector	65
G1	Engine compartment grounding	80
G2	Engine compartment grounding	80
G7	Floor grounding	85
G9	Instrument grounding	84

Connection point	Description	Page
IR01-87	To ECM EN01-27	129
	To ECM EO01-G3	154

Fog lamp



Daytime running lamp (GC6)



Harness connector	Name	Page
CA01	To instrument harness connector	33
CA30	Front left daytime running lamp harness connector	32
CA31	Front right daytime running lamp harness connector	32
IP05	BCM harness connector B	54
IP13	To engine compartment harness connector	54
IP02	Multi-functional instrument harness connector	54
G1	Engine compartment grounding	80
G2	Engine compartment grounding	80

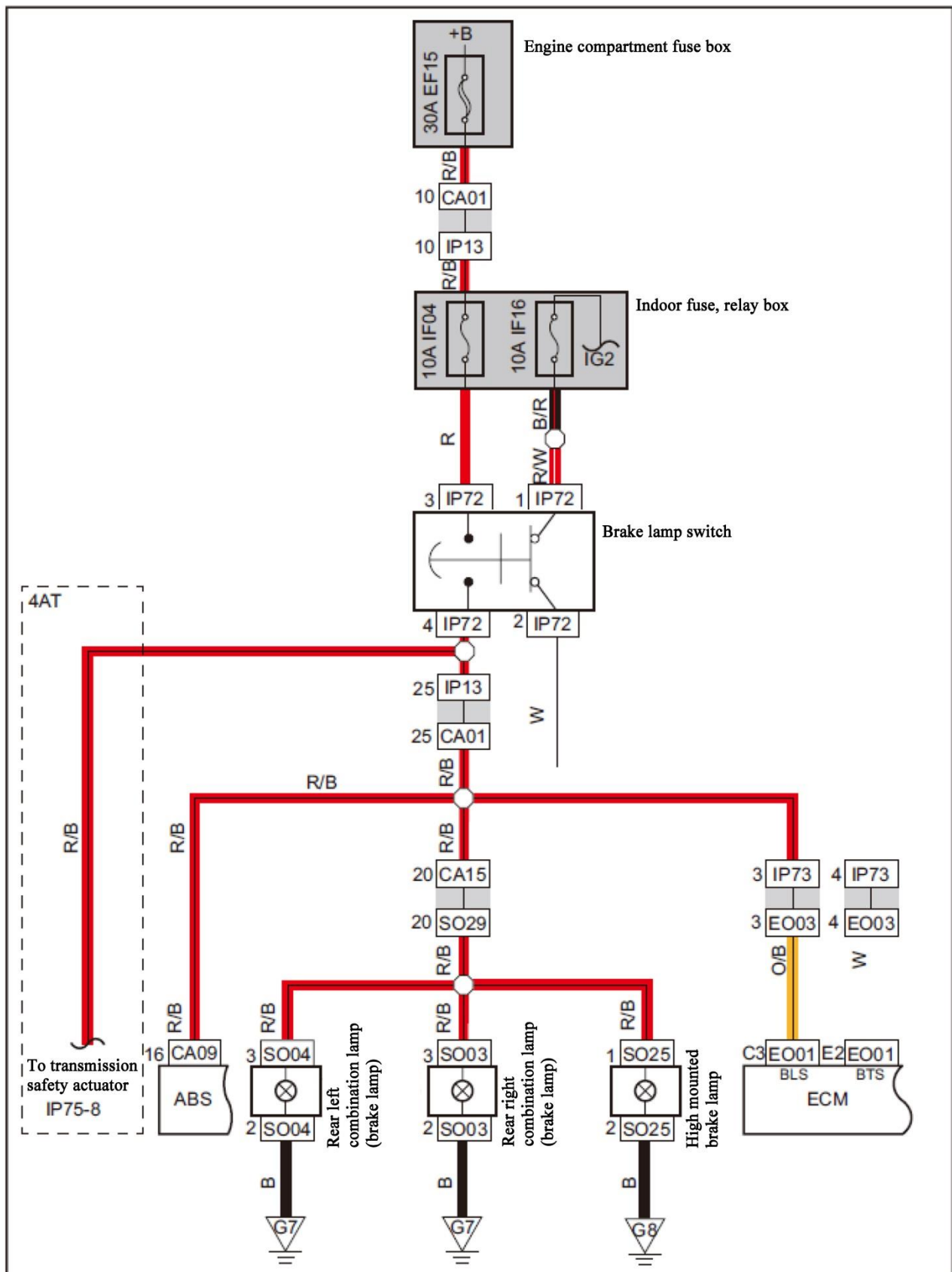




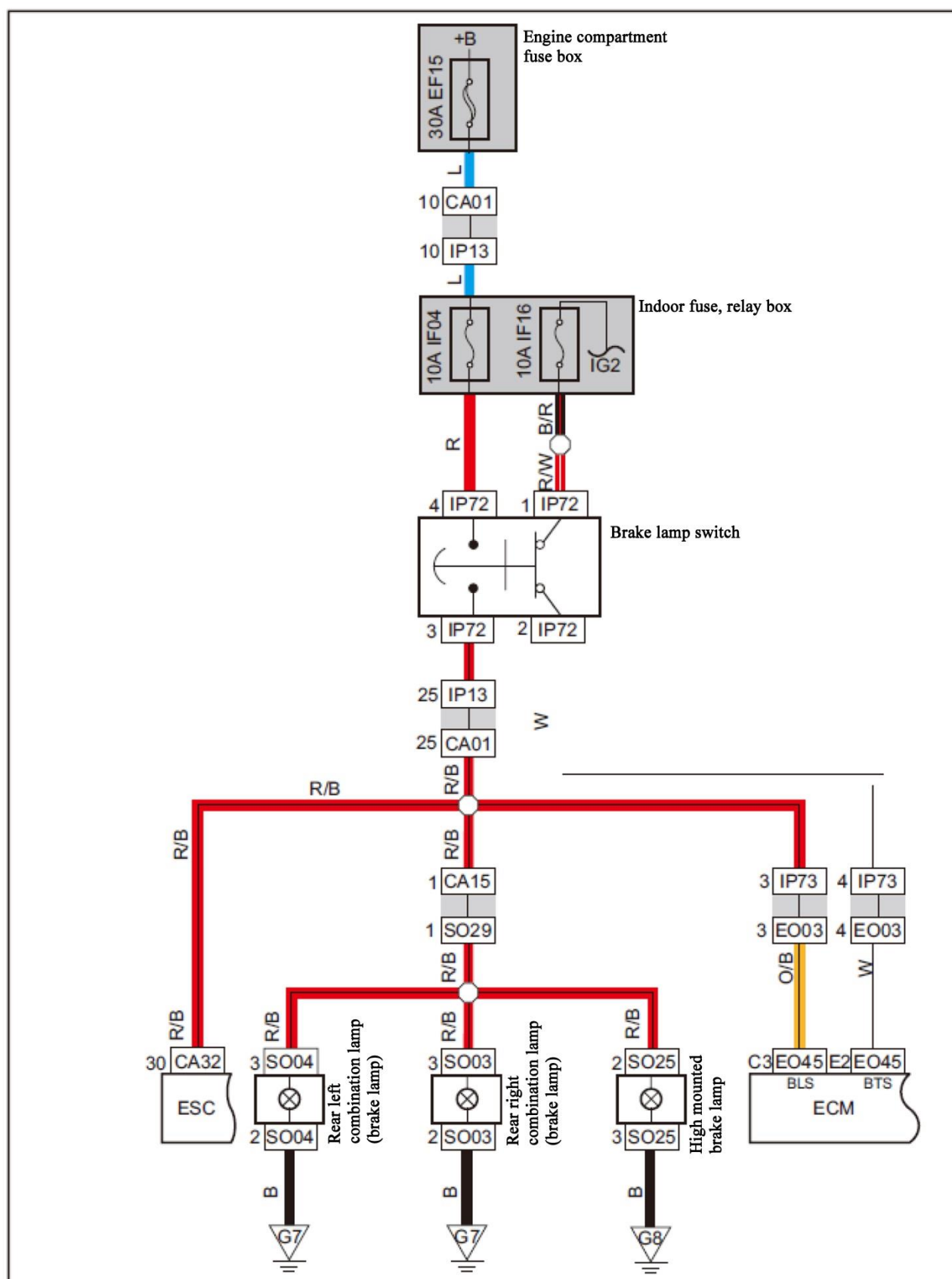
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA08	Front left combination headlamp harness connector	32
CA14	Front right combination headlamp harness connector	32
IP01	Combination instrument harness connector	54
IP03	BCM harness connector A1	54
IP04	BCM harness connector A2	54
IP05	BCM harness connector B	54
IP08	To floor harness connector B	54
IP09	To front left door harness connector A	54
IP13	To engine compartment harness connector	54
IP31	Left combination switch harness connector	54
IP41	Middle switch harness connector	54
IP47	To front right door harness connector A	54
IP58	To front left door harness connector C	54
IP85	To front left door harness connector B (GC6)	54
SO03	Right rear combination lamp harness connector	65
SO04	Rear left combination lamp harness connector	65
SO08	To instrument panel harness connector B	65
DR01	Driver side door connected to instrument harness connector A	71
DR07	Left power rearview mirror harness connector	71
DR11	Passenger side door connected to instrument harness connector A	71
DR17	Right power rearview mirror harness connector	71
DR31	Driver side door connected to instrument harness connector C	71
G1	Engine compartment grounding	80
G2	Engine compartment grounding	80
G4	Instrument panel grounding	84
G5	Instrument panel grounding	84
G7	Floor grounding	85
G9	Instrument panel grounding	84

Connection point	Description	Page
IP41-1	To position lamp relay IR01-87	234

Brake lamp (JLB-4G15)



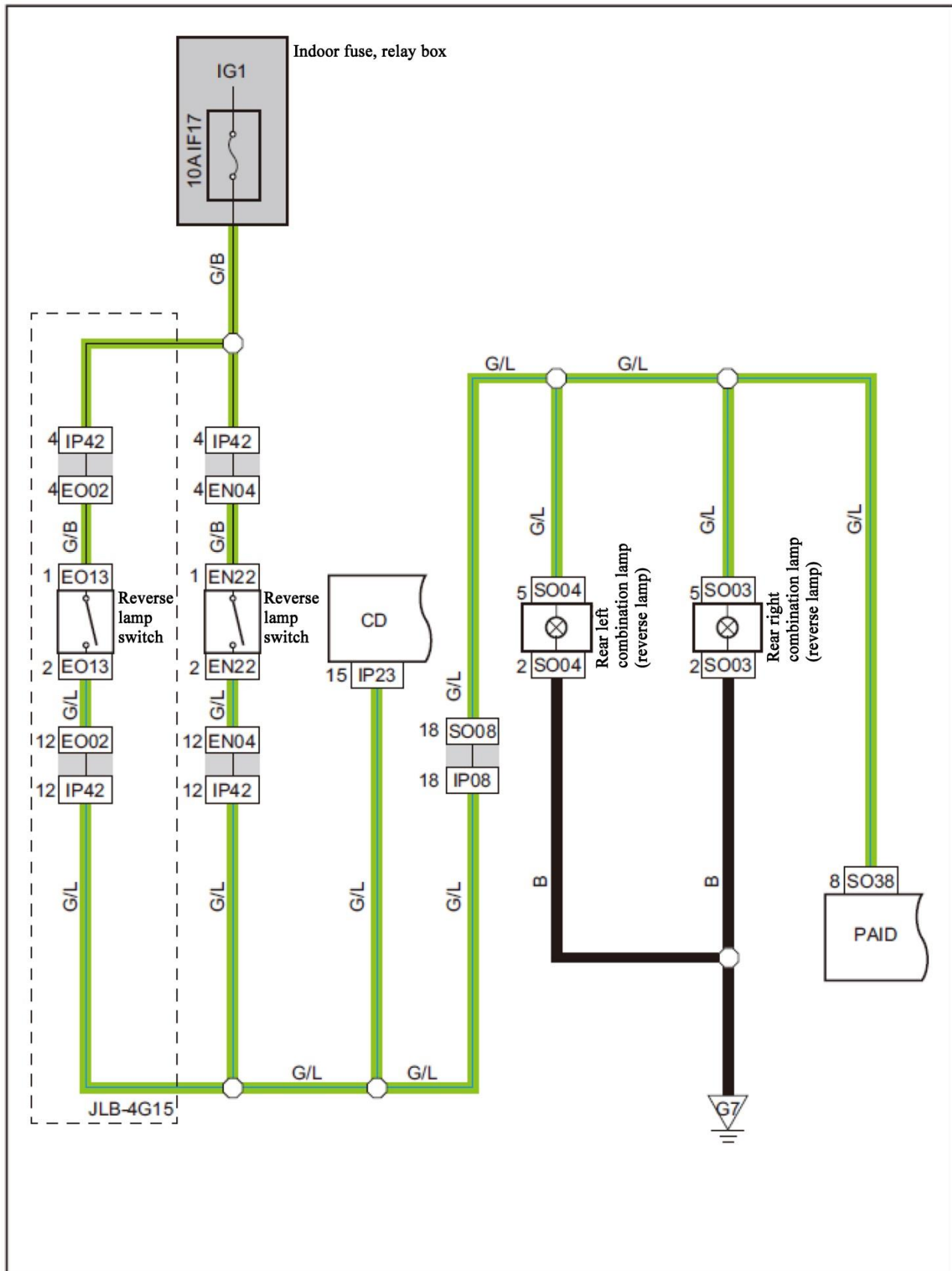
Brake lamp (GC6)



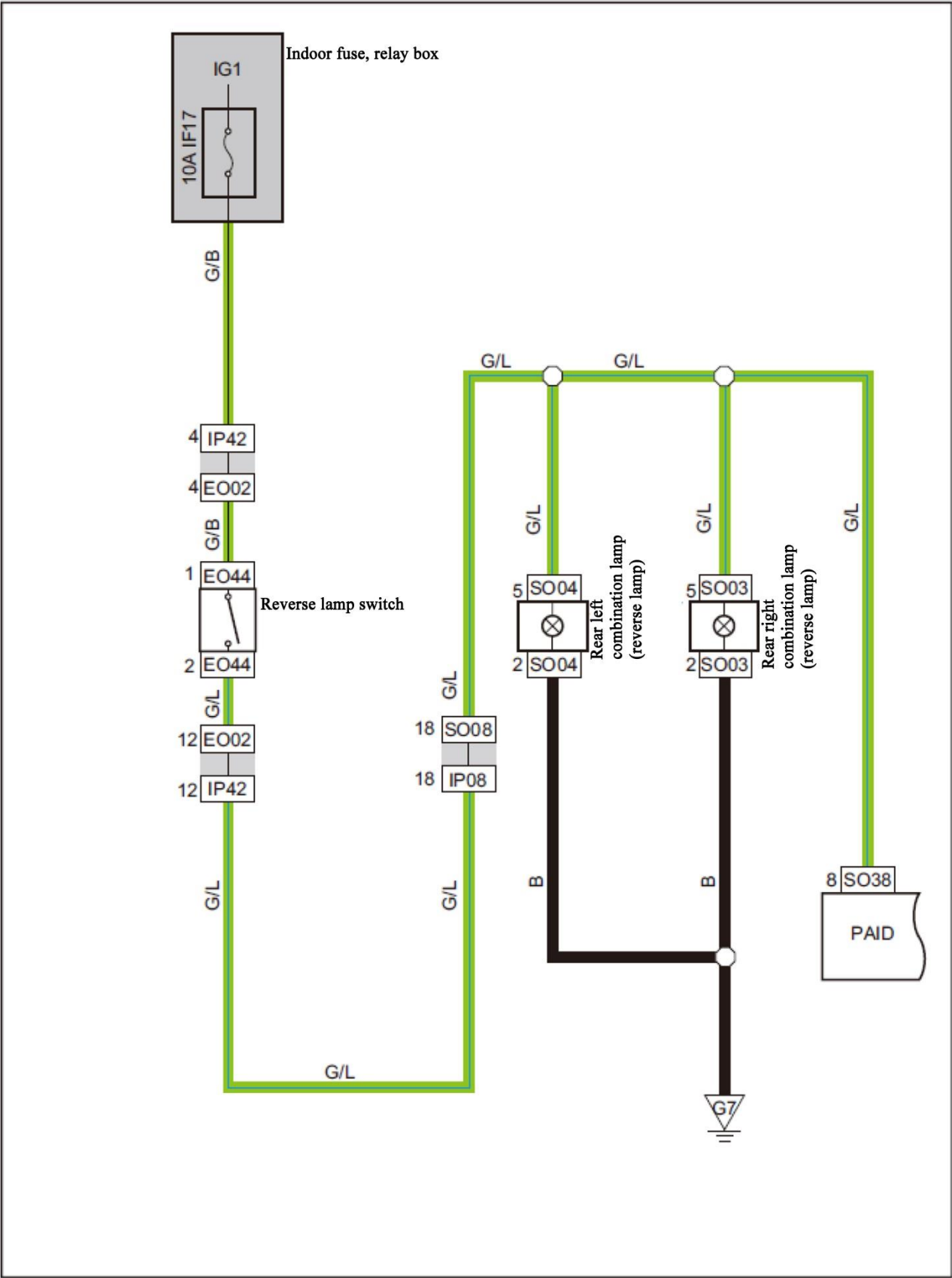
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA09	ABS control module harness connector	32
CA15	To floor harness connector	32
IP13	To engine compartment harness connector	54
IP72	Brake lamp switch harness connector	54
IP73	To engine harness connector B (JLB-4G15)	54
EO01	Engine control module A harness connector	49
EO03	To instrument harness connector B	49
SO29	To engine compartment harness connector	65
SO03	Right rear combination lamp harness connector	65
SO04	Rear left combination lamp harness connector	65
SO25	High mounted brake lamp harness connector	65
G7	Floor grounding	85
G8	Floor grounding	85

Connection point	Description	Page
IP72-4	To transmission safety actuator IP75-8	180

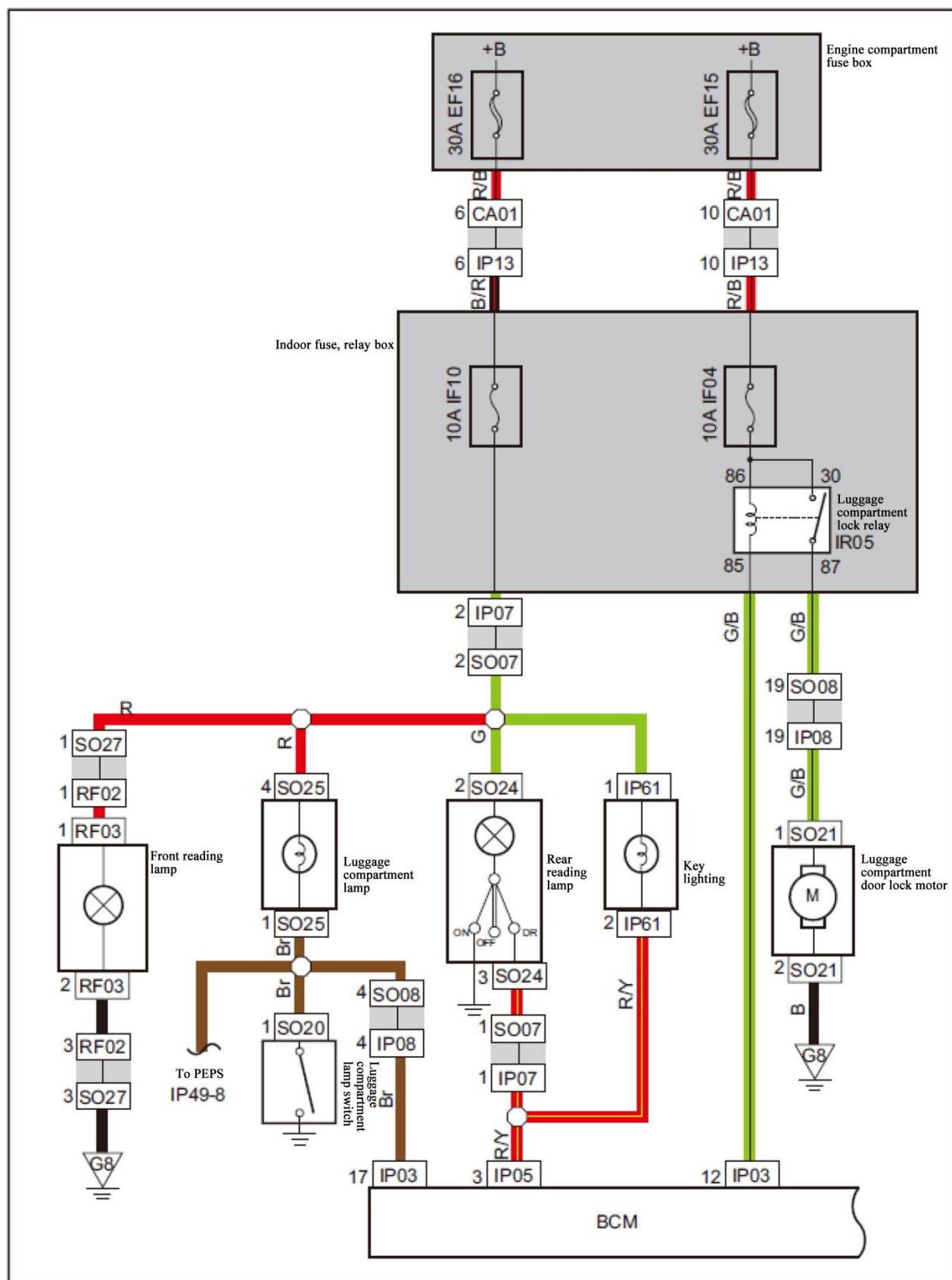
Reverse lamp



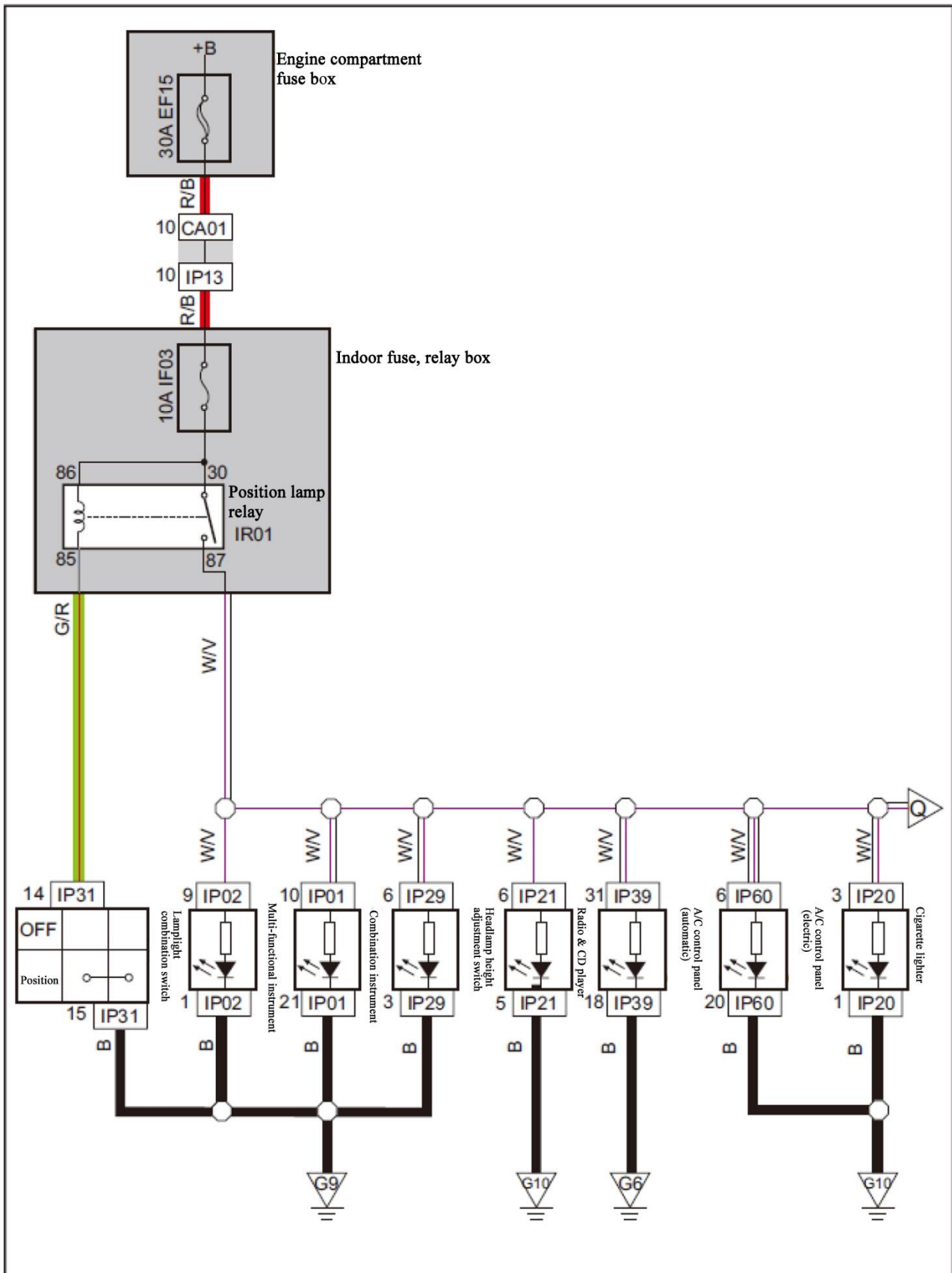
Reverse lamp (GC6)



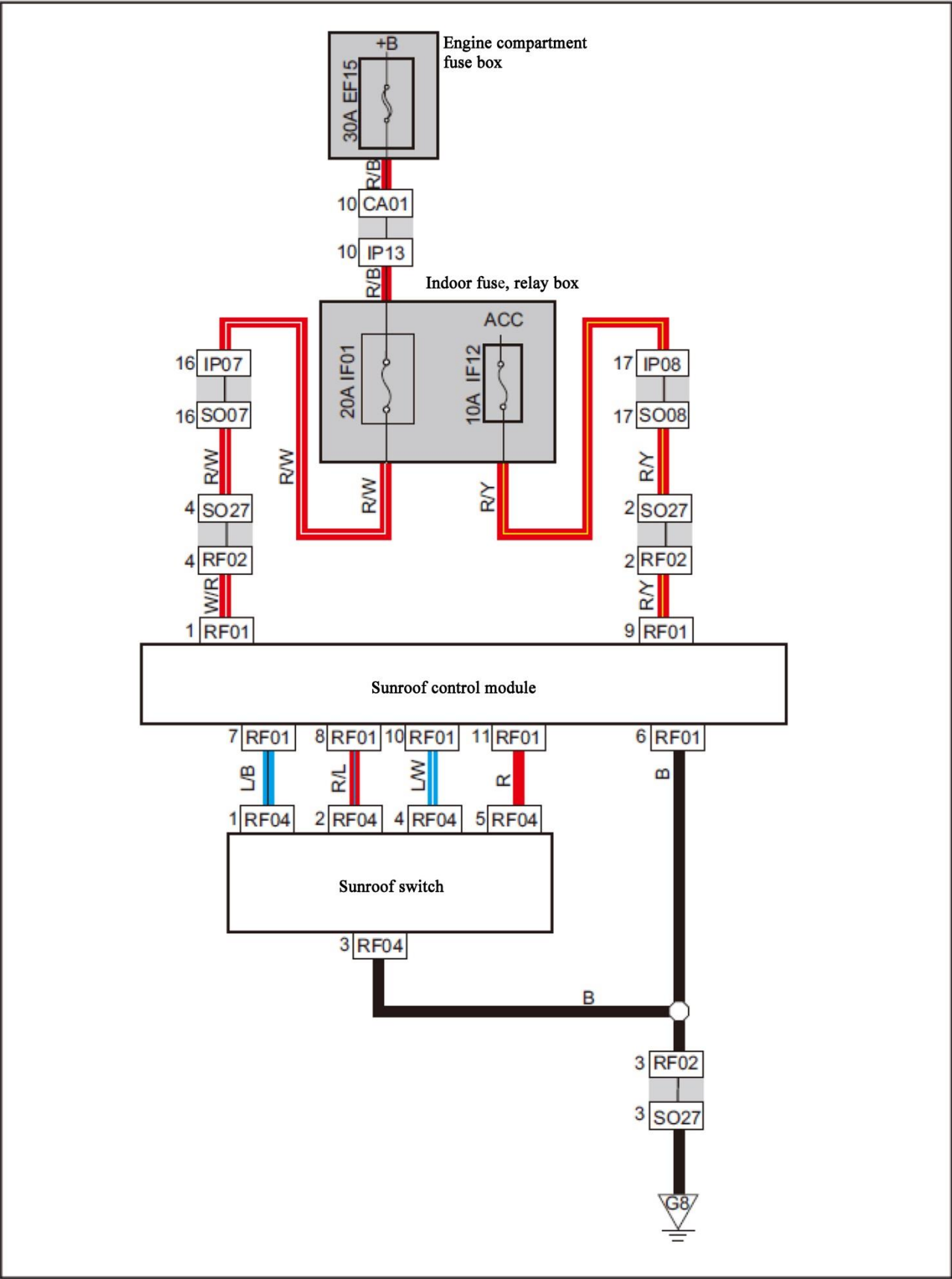
Interior lighting



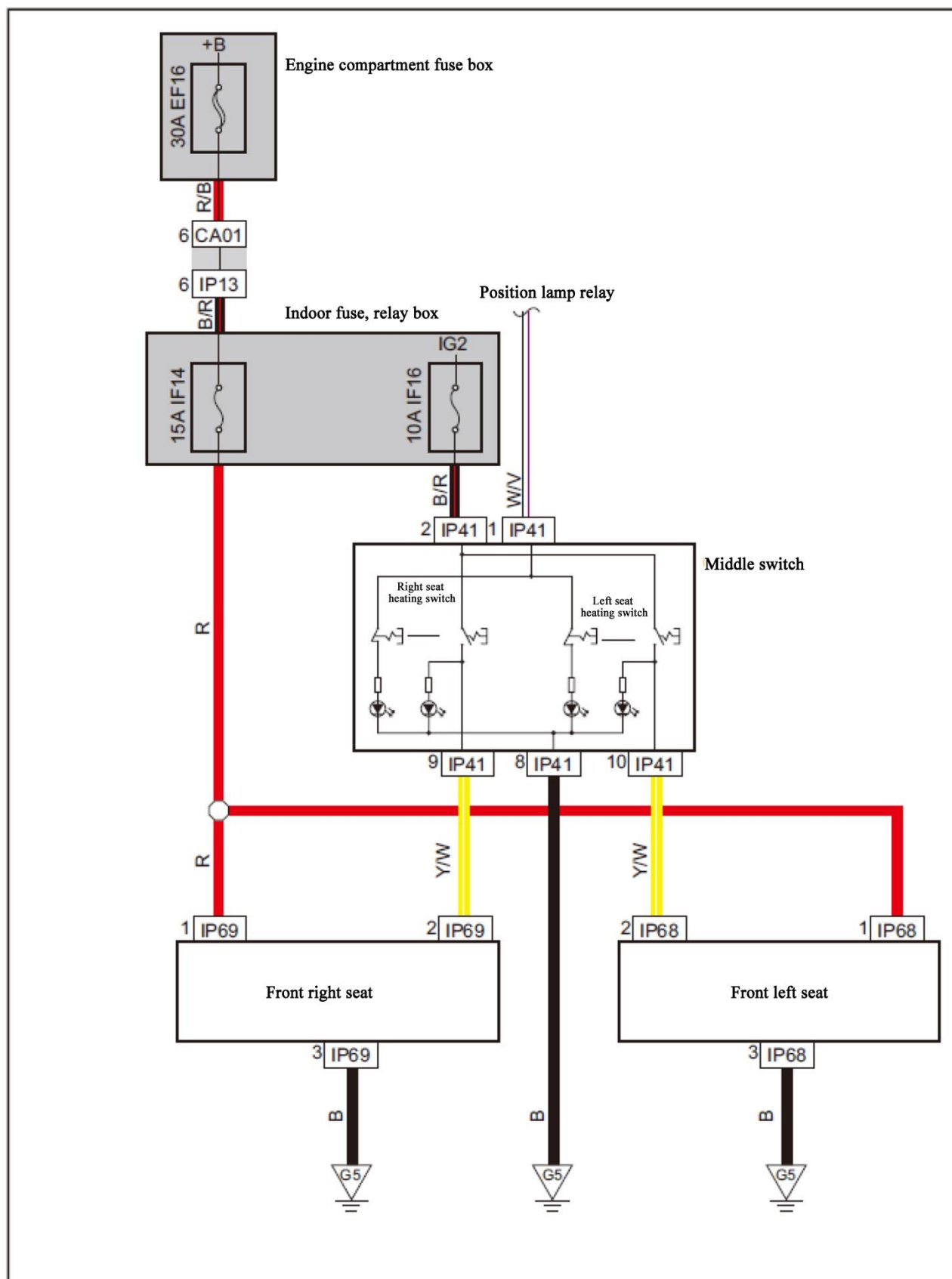
Backlight lighting 1



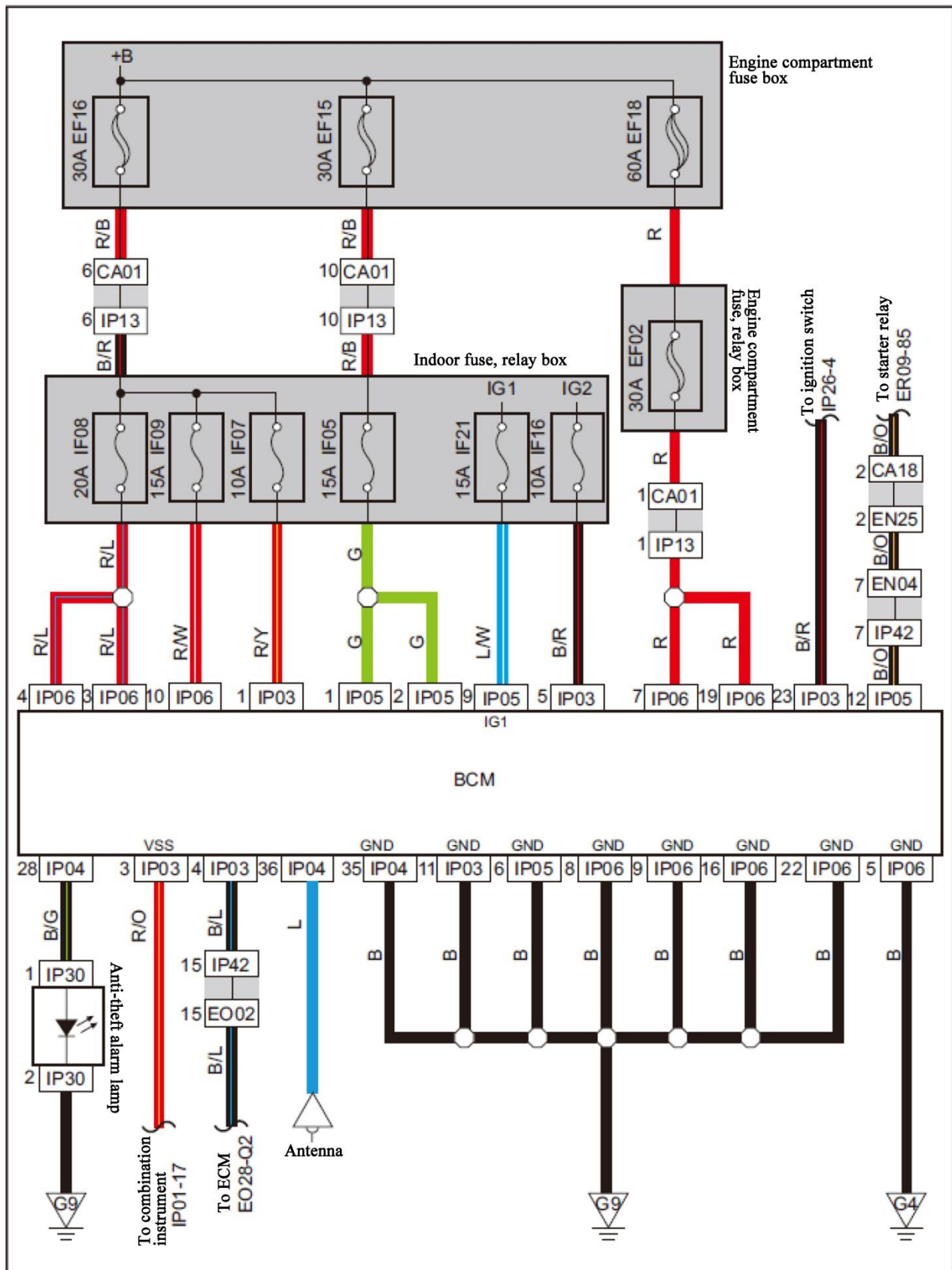
Sunroof system



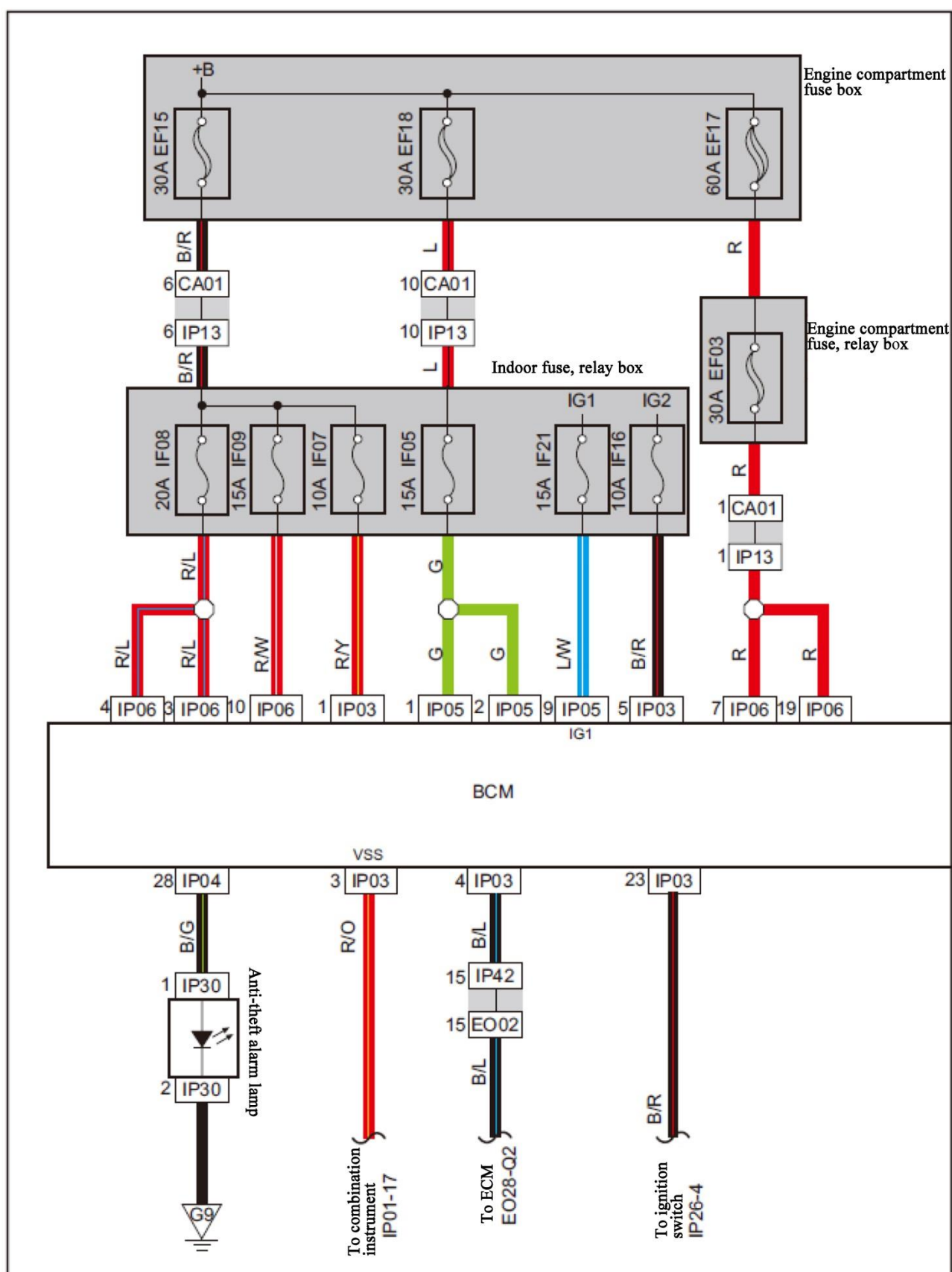
Seat heating

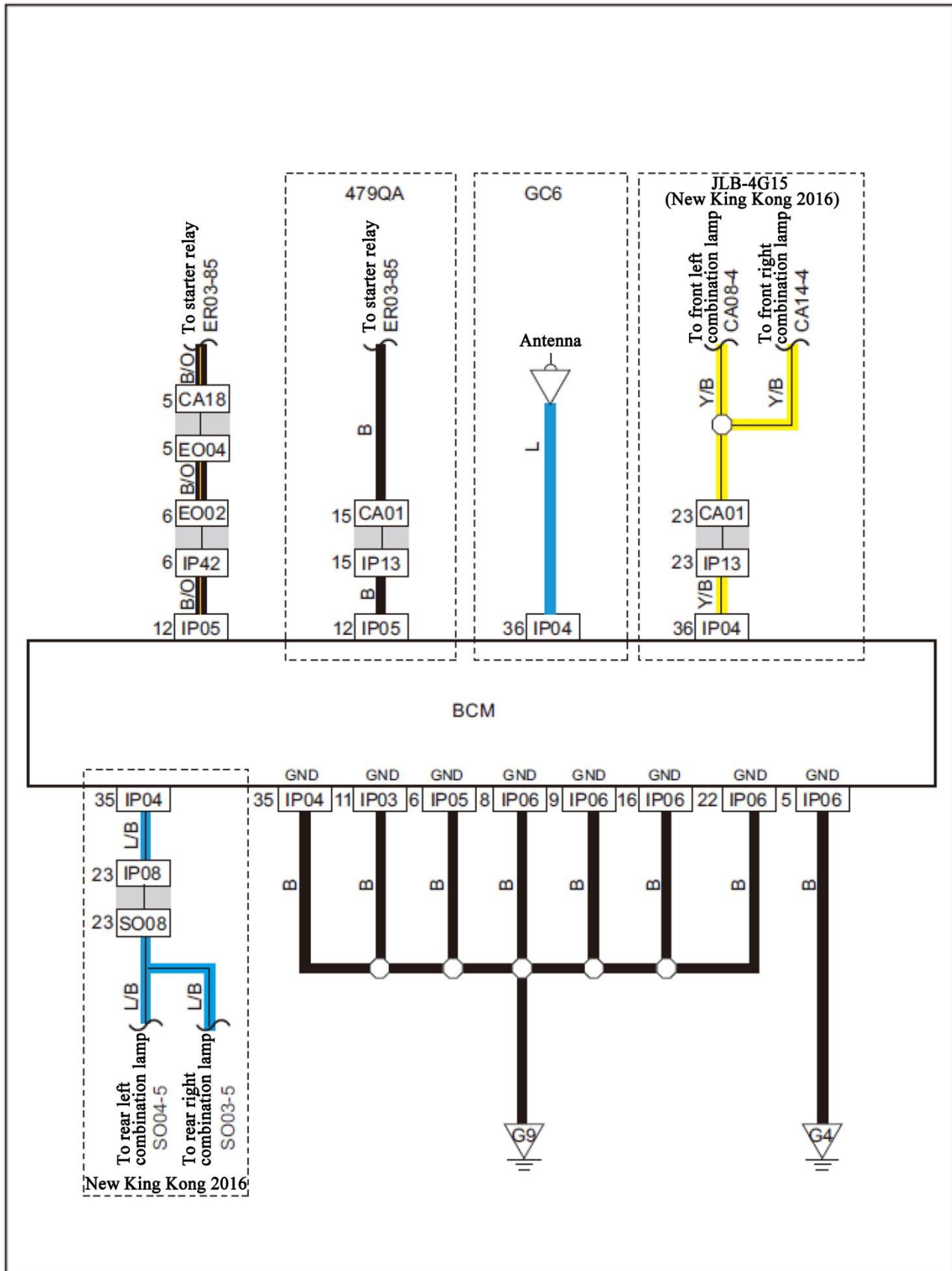


Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP41	Middle switch harness connector	54
IP68	Left seat heating harness connector	54
IP69	Right seat heating harness connector	54
G5	Instrument panel grounding	84



ECM power supply, grounding, data line (GC6/New King Kong 2016)

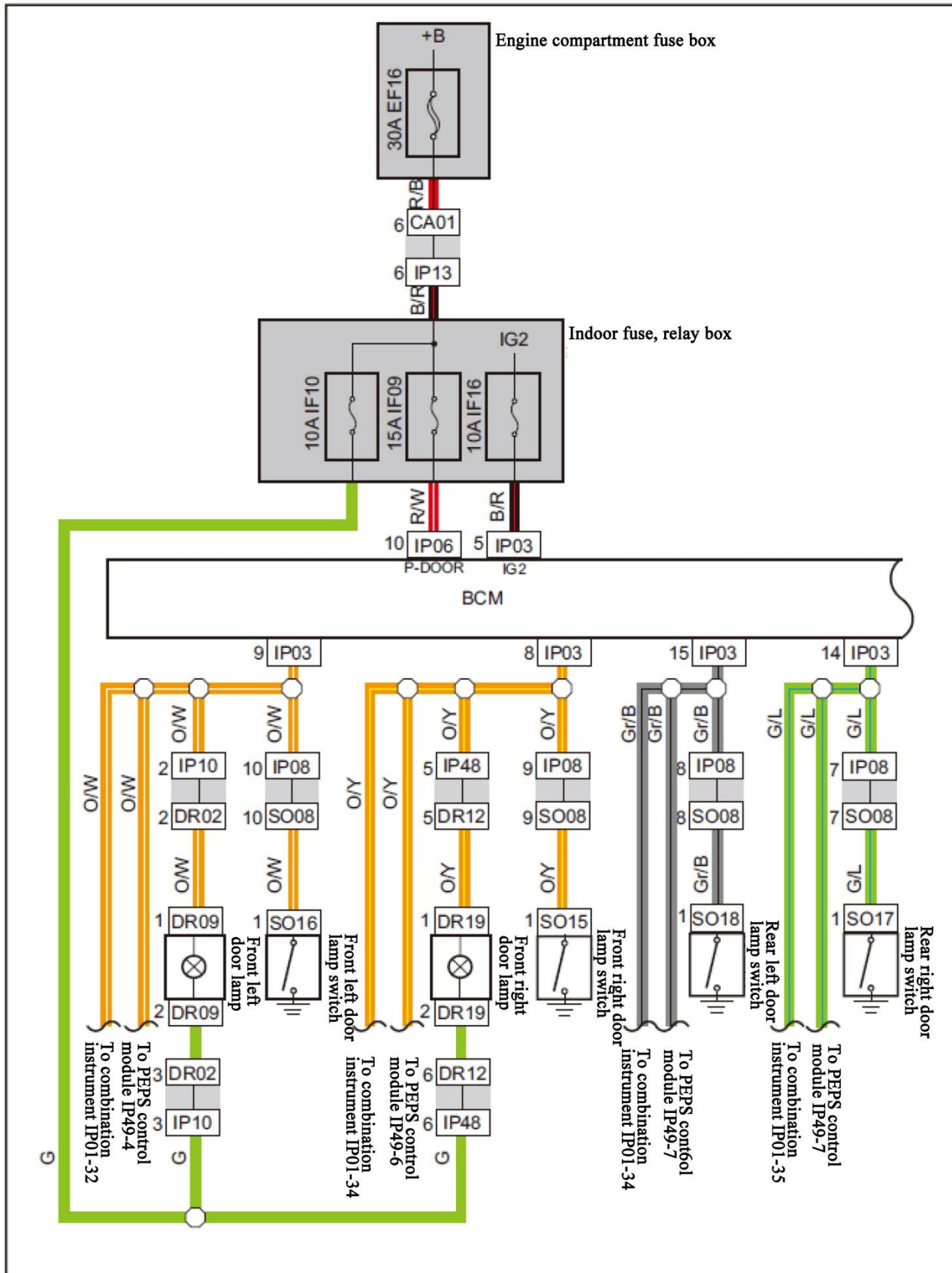




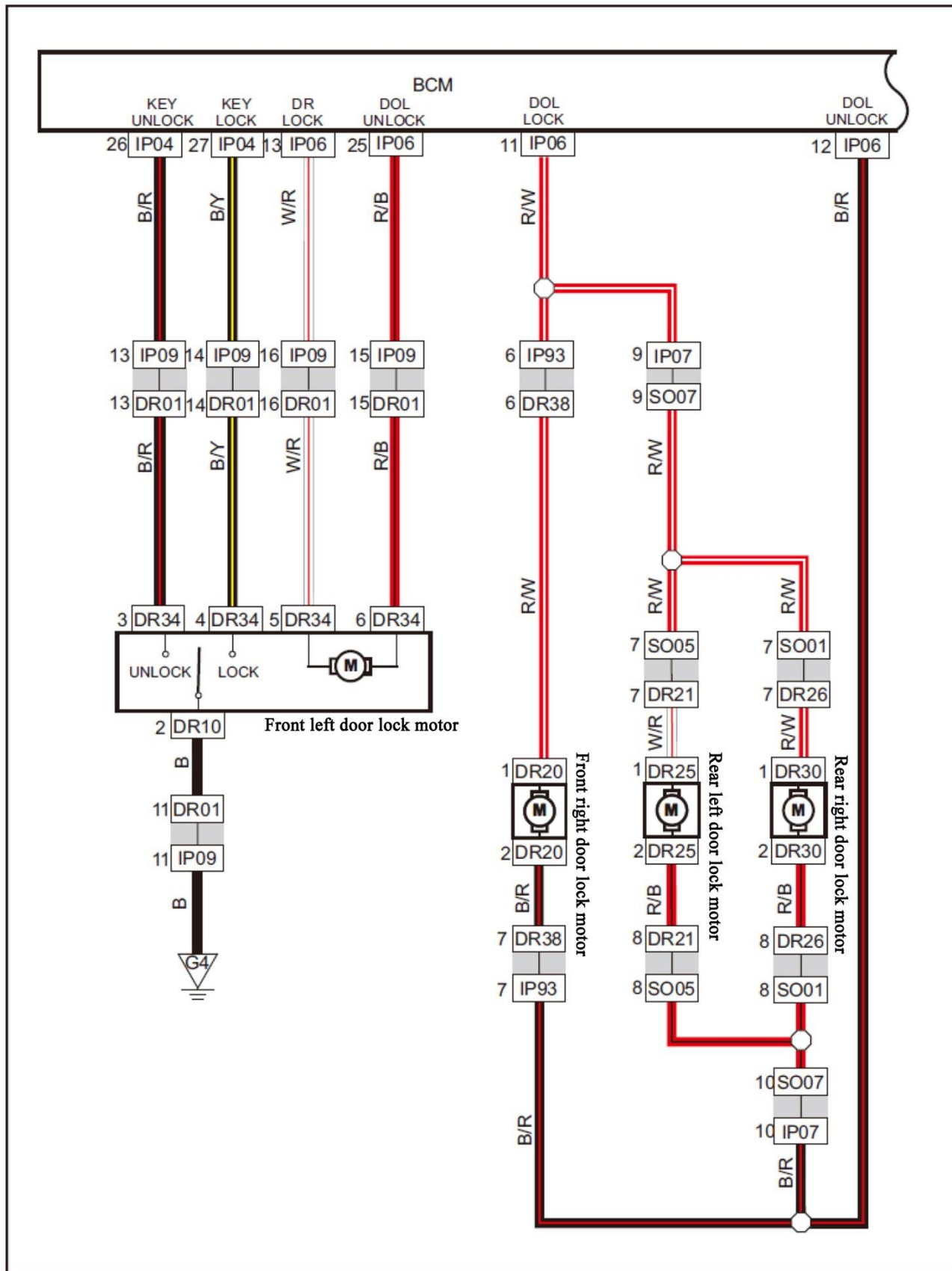
Harness connector	Name	Page
CA01	To instrument harness connector	33
CA18	To engine harness connector	32
EN04	To instrument harness connector	39
EN25	To engine compartment harness connector	38
EO02	To instrument harness connector	44
EO04	To engine compartment harness connector	43
IP03	BCM harness connector A1	54
IP04	Antenna harness connector	54
IP05	BCM harness connector B	54
IP06	BCM harness connector C	54
IP08	To floor harness connector B	54
IP13	To engine compartment harness connector	49
IP30	Anti-theft alarm lamp harness connector	54
IP42	To engine harness connector	49
SO08	To instrument harness connector B	60
G9	Instrument grounding	84
G4	Instrument grounding	84

Connection point	Description	Page
IP03-4	To ECM EN01-9	129
IP03-4	To ECM EO28-Q2	154
IP04-35	To rear left combination lamp SO04-5	246
	To rear right combination lamp SO03-5	246
IP04-36	To front left combination lamp CA08-4	246
	To front right combination lamp CA14-4	246
IP05-12	To starter relay ER09-85	120/124
IP05-12	To starter relay ER03-85 (GC6)	111
IP04-23	To ignition switch IP26-4	120/124
IP03-3	To combination instrument IP01-17	192

Center control lock 1



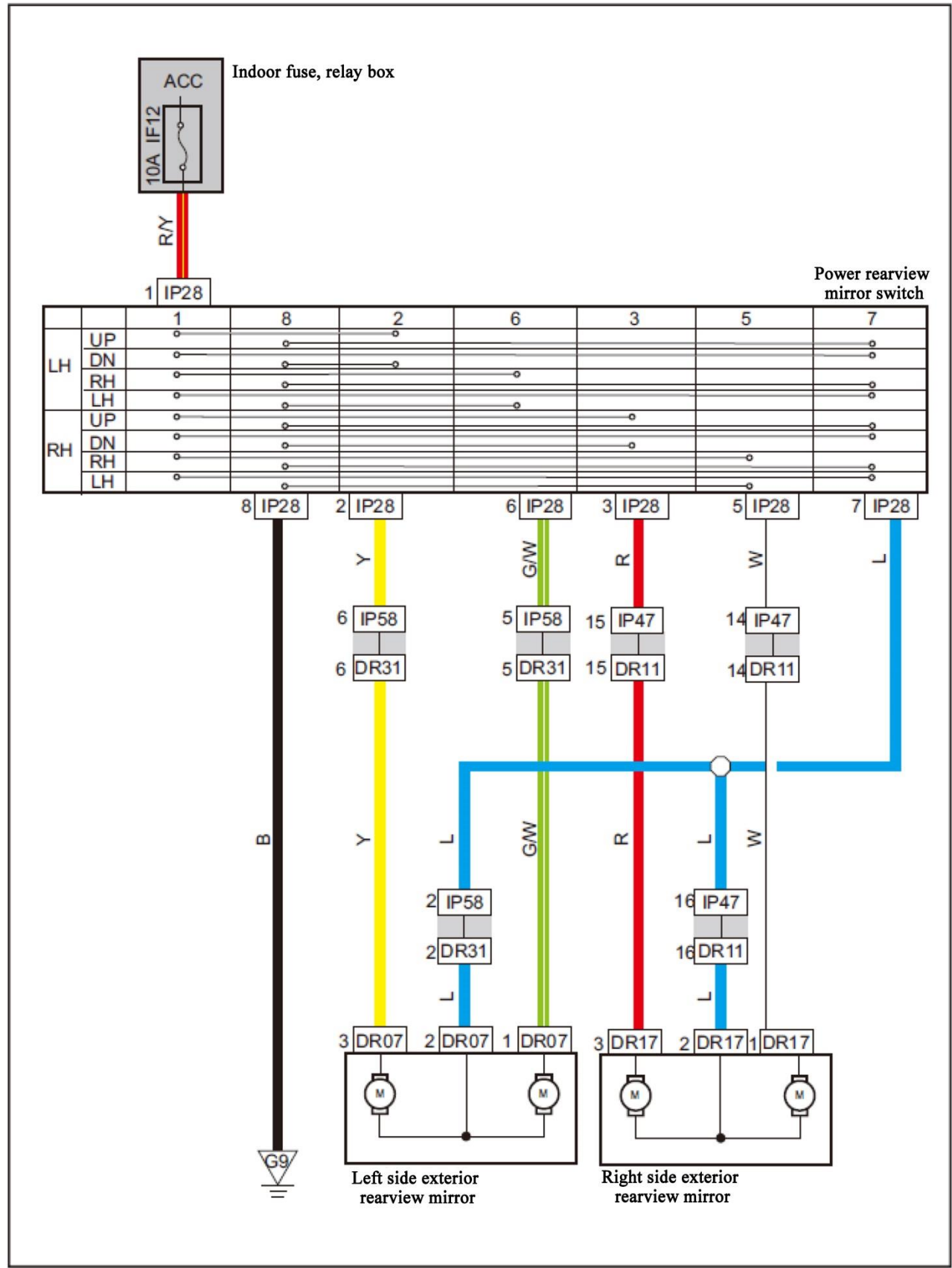
Center control lock 2 (GC6/New King Kong 2016)



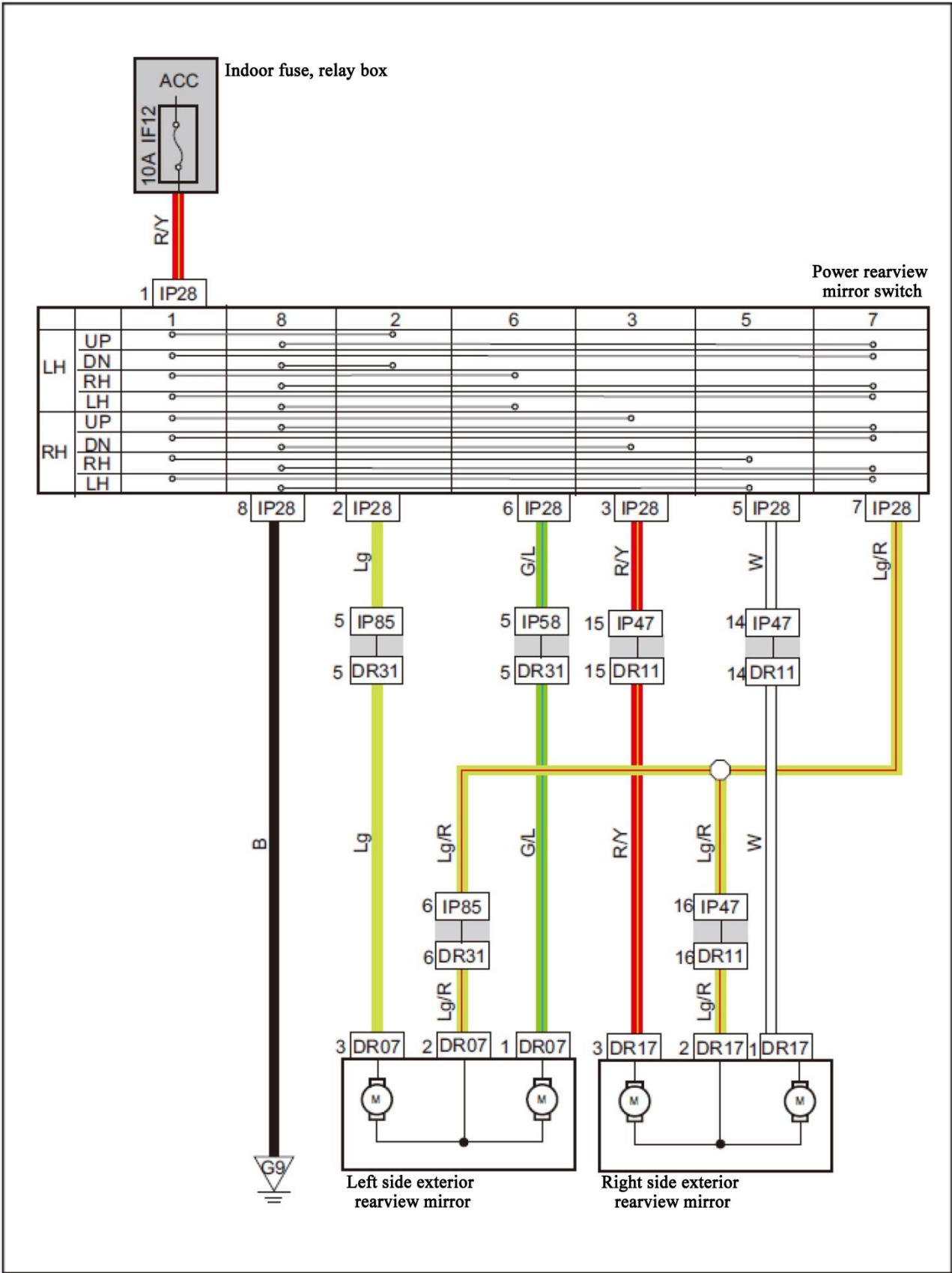
Harness connector	Name	Page
CA01	To instrument harness connector	33
DR01	To floor harness connector A	61
DR02	Driver side door connected to instrument harness connector B	61
DR09	Front left door lamp harness connector	61
DR11	Passenger side door connected to instrument harness connector A	61
DR12	Passenger side door connected to instrument harness connector B	61
DR19	Front right door lamp harness connector	61
DR20	Front right lock harness connector	62
DR21	Rear left door connected to floor harness connector A	62
DR25	Rear left lock harness connector	62
DR26	Rear right door connected to floor harness connector A	62
DR30	Rear right lock harness connector	62
DR34	Front left door lock harness connector (New King Kong 2016)	62
DR38	Passenger side door connected to instrument harness connector A (New King Kong 2016)	62
IP03	BCM harness connector A1	46
IP04	BCM harness connector A2	46
IP06	BCM harness connector C	54
IP07	To floor harness connector A	46
IP08	To floor harness connector B	46
IP09	To front left door harness connector A	46
IP13	To engine compartment harness connector	46
IP47	To front right door harness connector A	46
IP48	To front right door harness connector B	46
IP85	To front left door harness connector B (GC6)	46
IP93	To front right door harness connector A (New King Kong 2016)	46
SO01	To rear right door harness connector A	56
SO05	To rear left door harness connector A	43
SO07	To instrument panel harness connector A	56
SO08	To instrument panel harness connector B	56
SO15	Front right door lamp switch harness connector	56
SO16	Front left door lamp switch harness connector	56
SO17	Rear right door lamp switch harness connector	65
SO18	Rear left door lamp switch harness connector	56
G4	Instrument grounding	74
G5	Instrument grounding	74

Connection point	Description	Page
IP03-9	To combination instrument IP01-32	192
	To PEPS control module IP49-4	300
IP03-8	To combination instrument IP01-33	192
	To PEPS control module IP49-5	300
IP03-15	To combination instrument IP01-34	192
	To PEPS control module IP49-6	300
IP03-14	To combination instrument IP01-35	192
	To PEPS control module IP49-7	300
DR10-4	To PEPS control module IP49-3	300

Power rearview mirror control



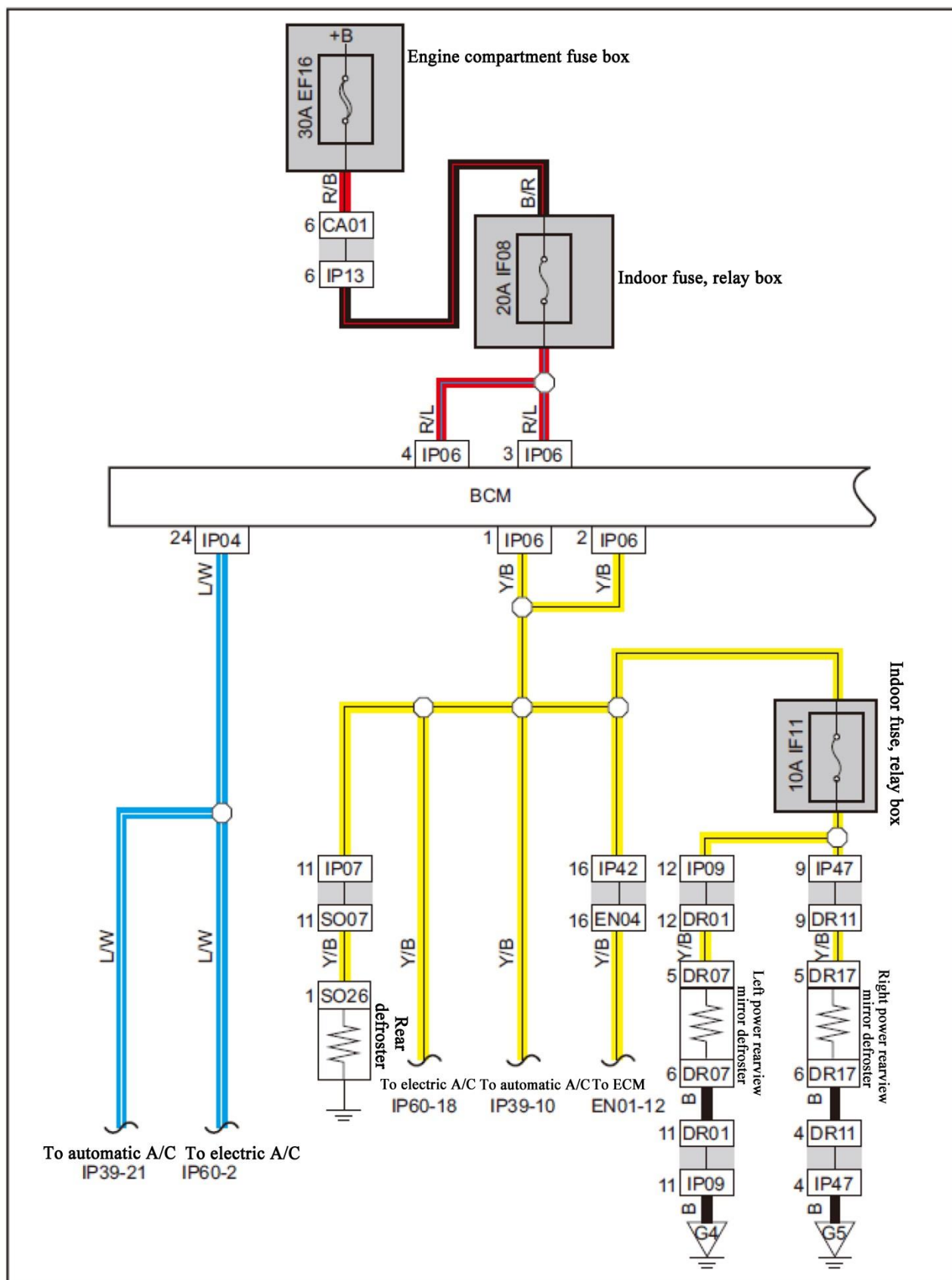
Power rearview mirror control (GC6)



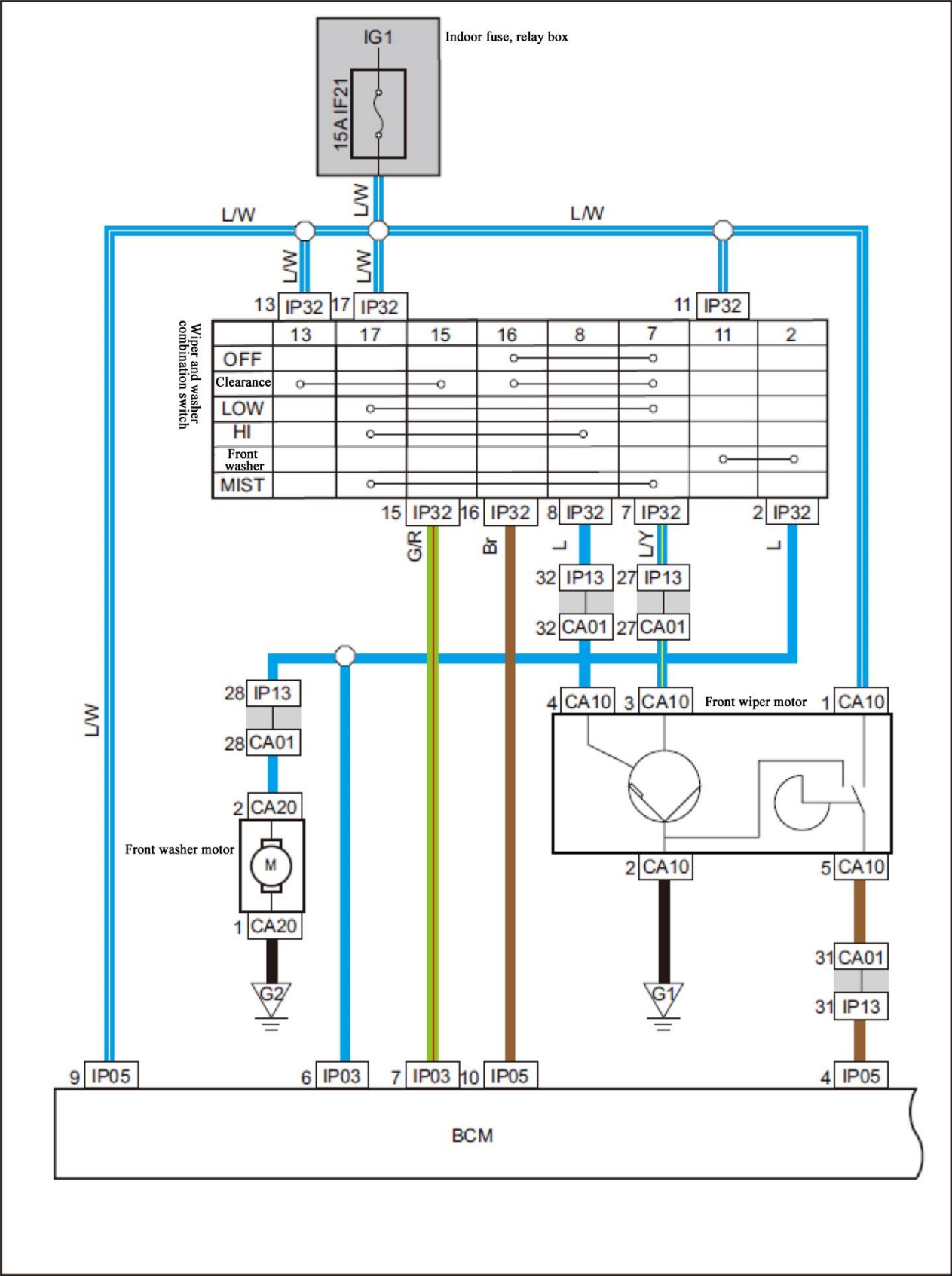
Harness connector	Name	Page
IP09	To front left door harness connector A	54
IP10	To front left door harness connector B	54
IP28	Power rearview mirror switch harness connector	54
IP47	To front right door harness connector A	54
IP85	To front left door harness connector B (GC6)	54
IP93	To front right door harness connector A (New King Kong 2016)	54
DR01	Driver side door connected to instrument harness connector A	66
DR02	Driver side door connected to instrument harness connector B	66
DR07	Left power rearview mirror harness connector	66
DR11	Passenger side door connected to instrument harness connector A	71
DR17	Right power rearview mirror harness connector	71
DR33	Driver side door connected to instrument harness B (New King Kong 2016)	71
DR37	Front left power rearview mirror harness connector (New King Kong 2016)	71
DR38	Passenger side door connected to instrument harness connector A (New King Kong 2016)	71
DR41	Front right power rearview mirror harness connector (New King Kong 2016)	71
G9	Instrument grounding	84

Connection point	Description	Page
DR37-10	To BCM IP05-08	256
DR37-11	To BCM IP06-02	256
DR41-10	To BCM IP05-07	256
DR47-11	To BCM IP06-02	256

Defrost control

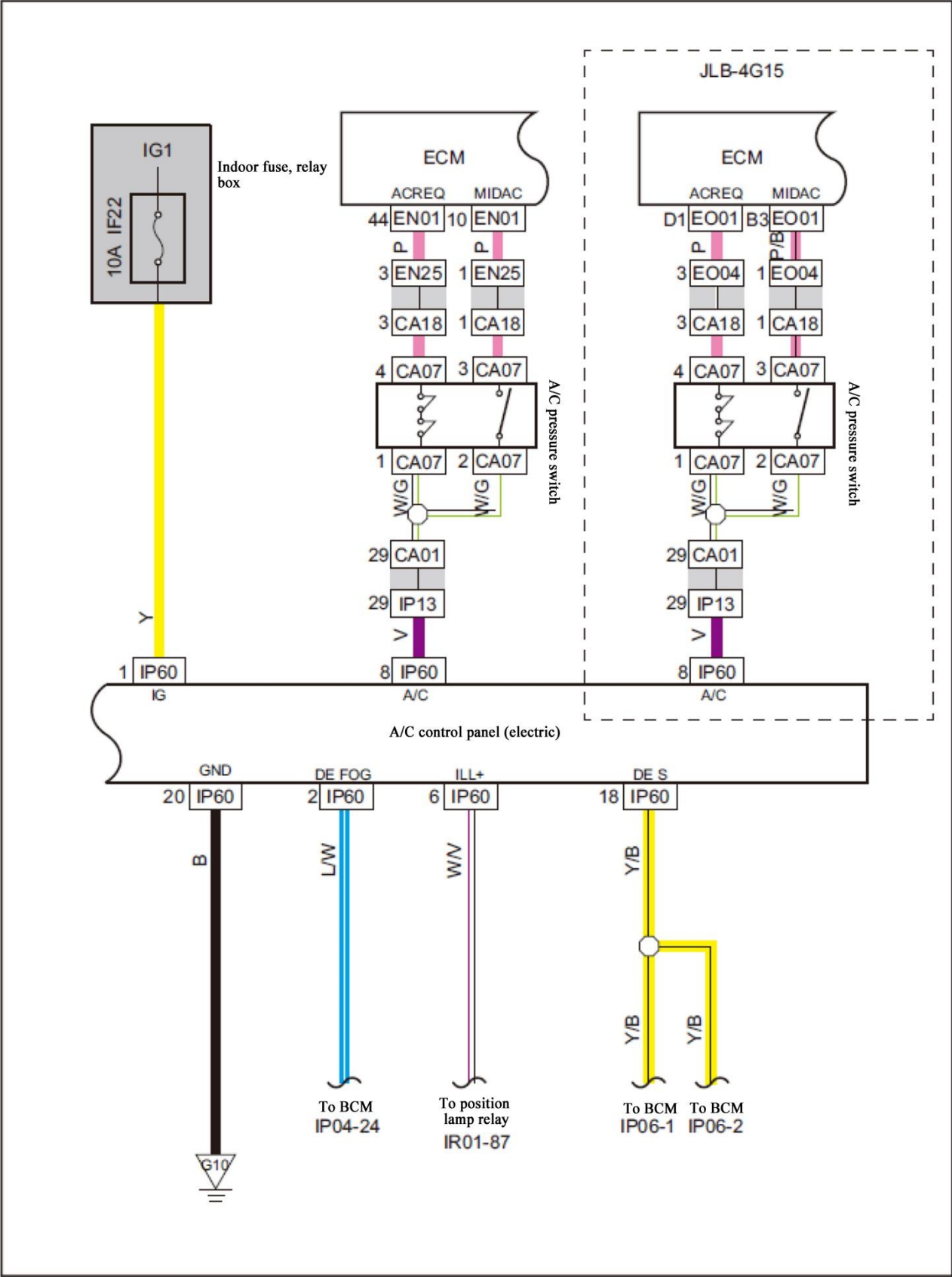


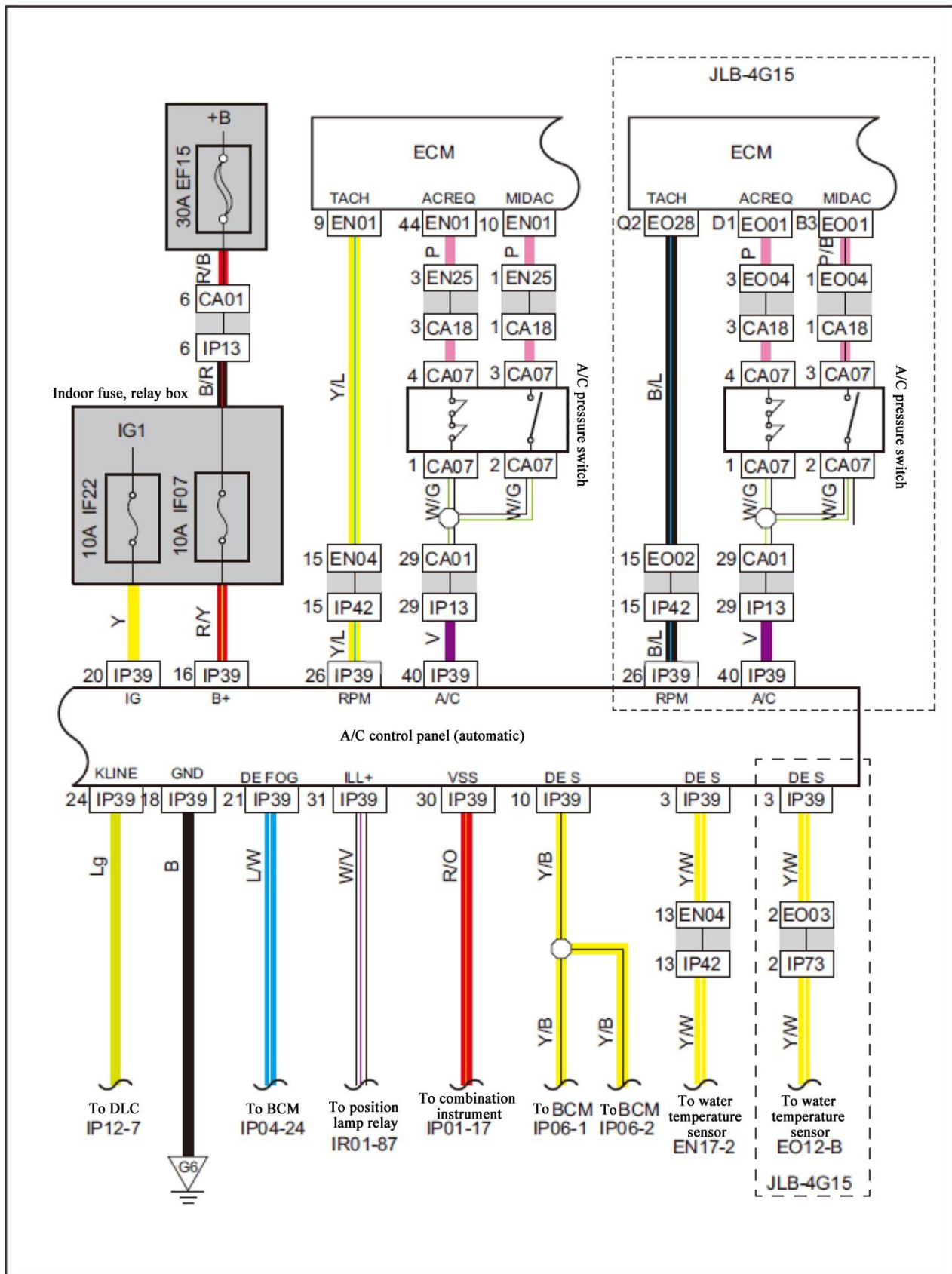
Front wiper and washer system



Harness connector	Name	Page
IP32	Right combination switch harness connector	54
IP13	To engine compartment harness connector	54
CA01	To instrument harness connector	33
CA10	Front wiper motor harness connector	32
CA20	Washer motor harness connector	32
IP03	BCM harness connector A1	54
IP05	BCM harness connector B	54
G1	Engine compartment grounding	80
G2	Engine compartment grounding	80

A/C system power supply, grounding, data line (electric)



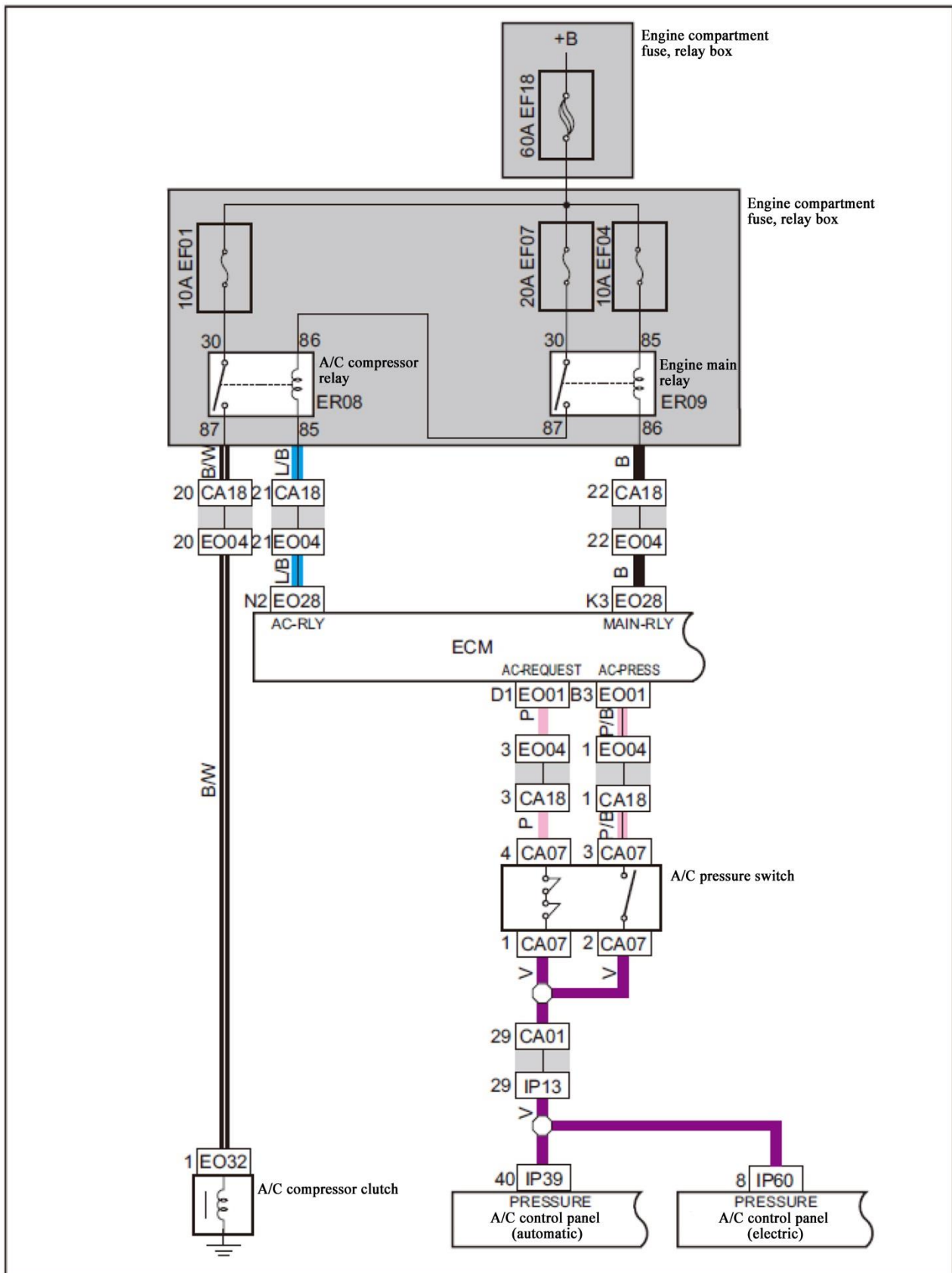


Harness connector	Name	Page
IP60	A/C control panel (electric) harness connector	54
IP64	A/C harness connected to instrument harness connector	54
EN01	Engine control module harness connector	39
EN25	To engine compartment harness connector	38
CA18	To engine harness connector	32
CA07	A/C pressure switch harness connector	32
CA01	To instrument harness connector	32
IP13	To engine compartment harness connector	54
IP39	A/C control panel (auto) harness connector	54
IP73	To engine harness connector B	54
EN04	To instrument harness connector	39
EO04	To engine compartment harness connector	48
EO03	To instrument harness connector B	49
EO01	Engine control module A harness connector	49
EO28	Engine control module B harness connector	49
EO45	A/C harness connected to instrument harness connector	49
IP42	To engine harness connector	54
G10	Instrument grounding	84

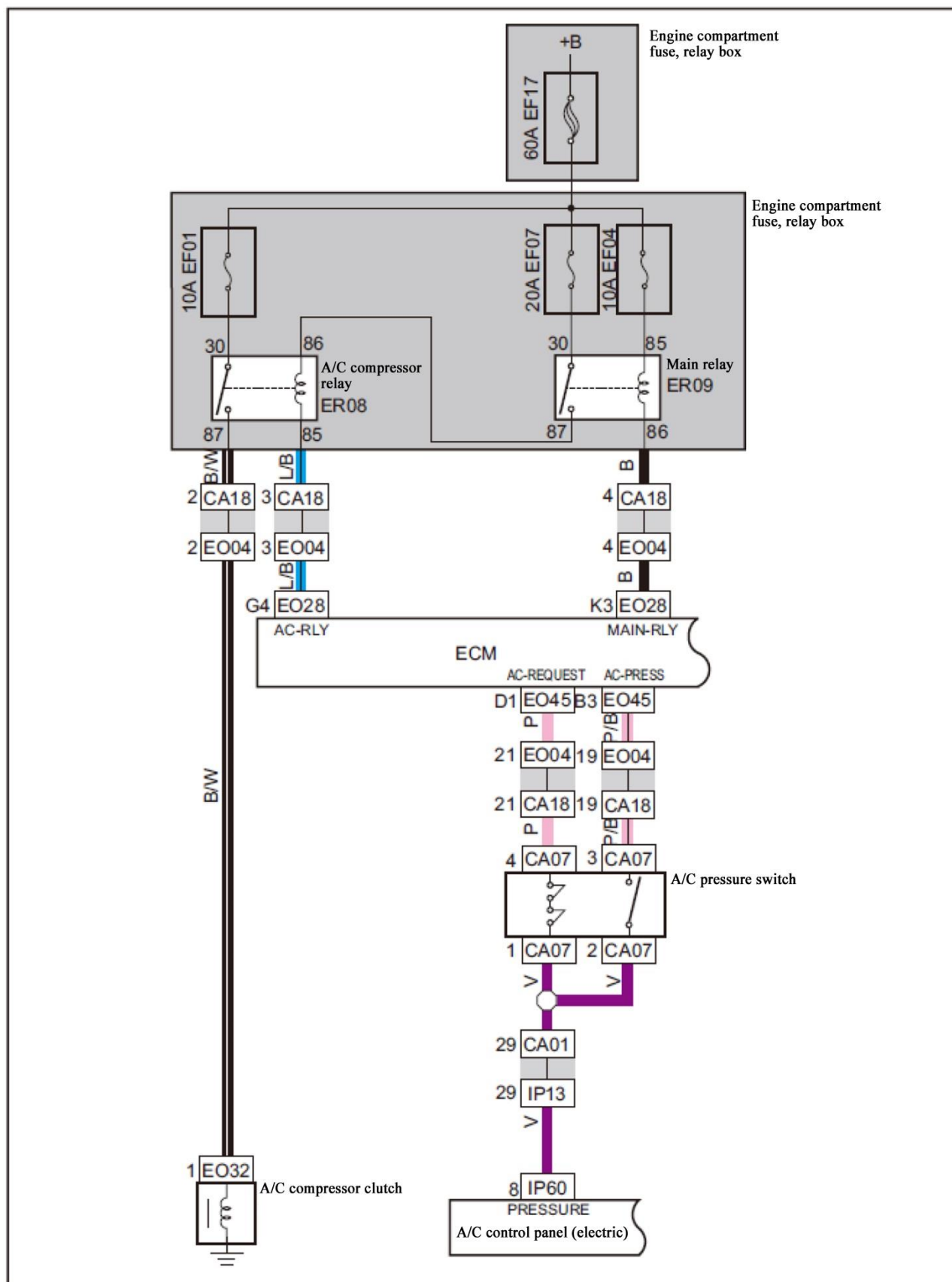
Connection point	Description	Page
IP60-2	To BCM IP04-24	258
IP39-21		
IP60-6	To position lamp relay IR01-87	234
IP60-18	To BCM IP06-1	258
	To BCM IP06-2	258
IP39-24	To diagnostic interface IP12-7	324
IP39-31	To position lamp relay IR01-87	234
IP39-30	To combination instrument IP01-17	192
IP39-10	To BCM IP06-1	258
	To BCM IP06-2	258
IP39-3	To water temperature sensor EN17-2	135
	To water temperature sensor EO12-B	135

Harness connector	Name	Page
CA18	To engine harness connector	32
EN25	To engine compartment harness connector	38
EN01	Engine control module harness connector	39
CA07	A/C pressure switch harness connector	32
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP39	A/C control panel (auto) harness connector	54
IP60	A/C control panel (electric) harness connector	54
EN06	Compressor harness connector	38

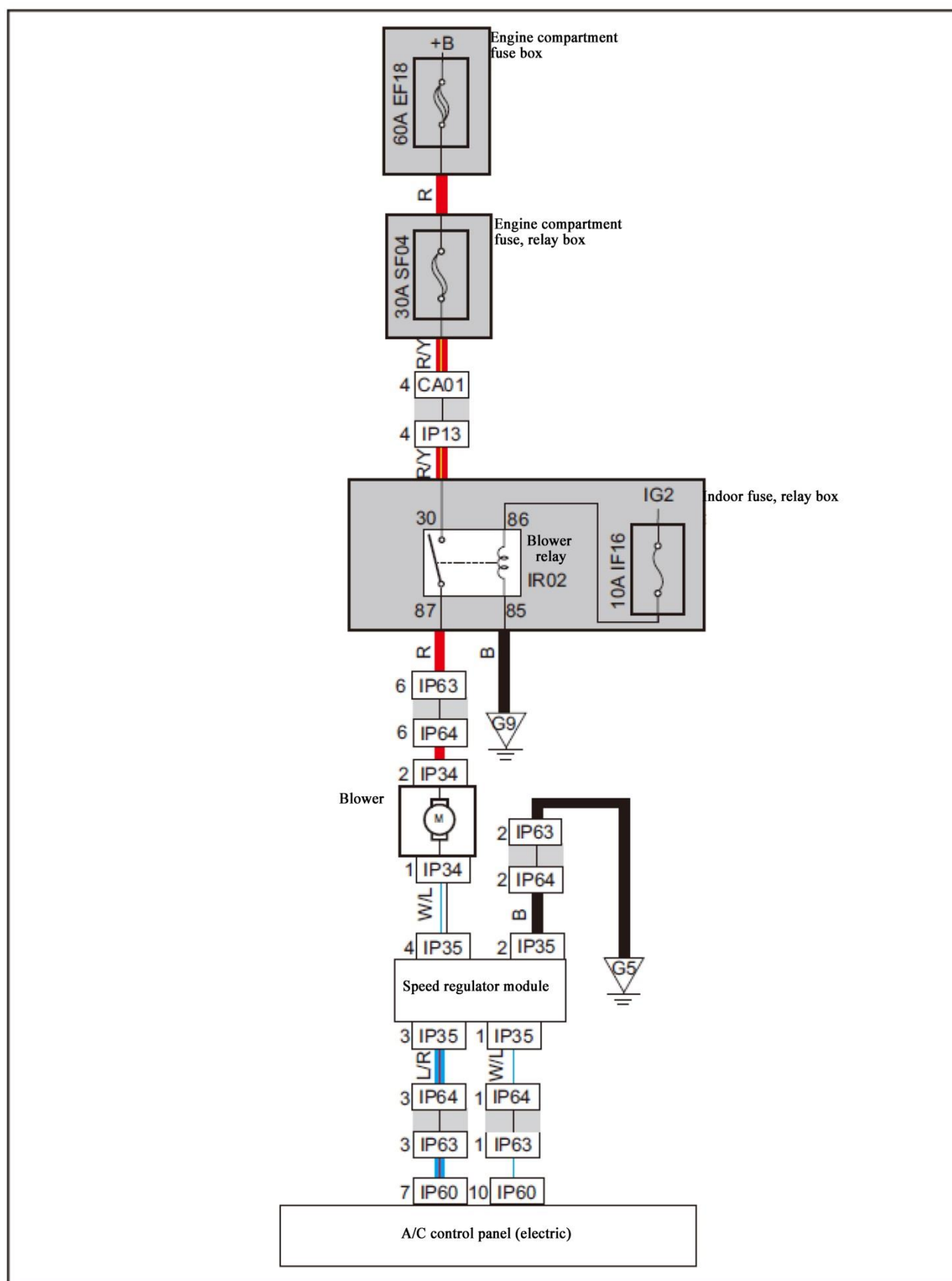
A/C compressor clutch control (JLB-4G15)



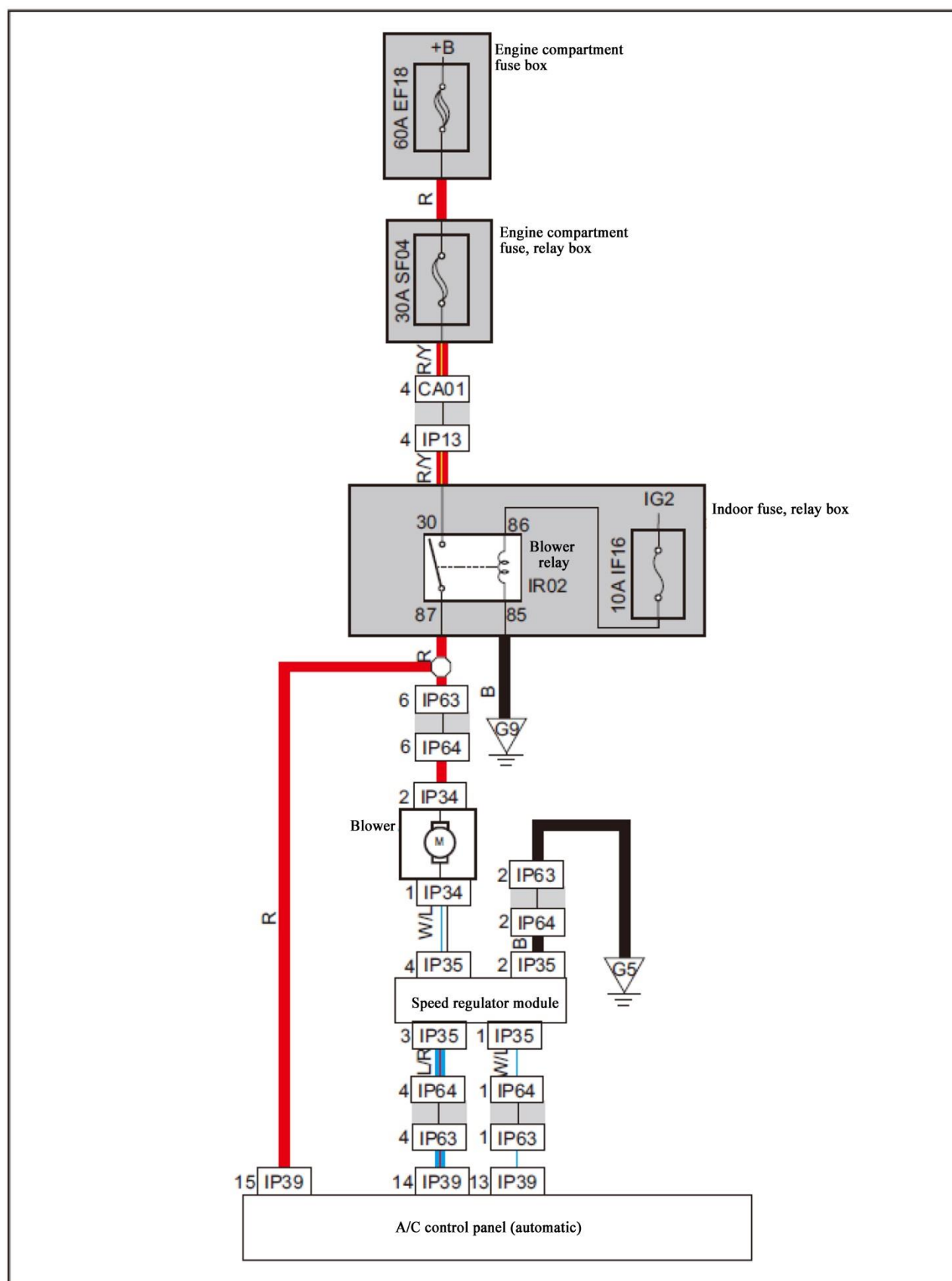
A/C compressor clutch control (GC6/New King Kong 2016)



A/C blower control (electric)

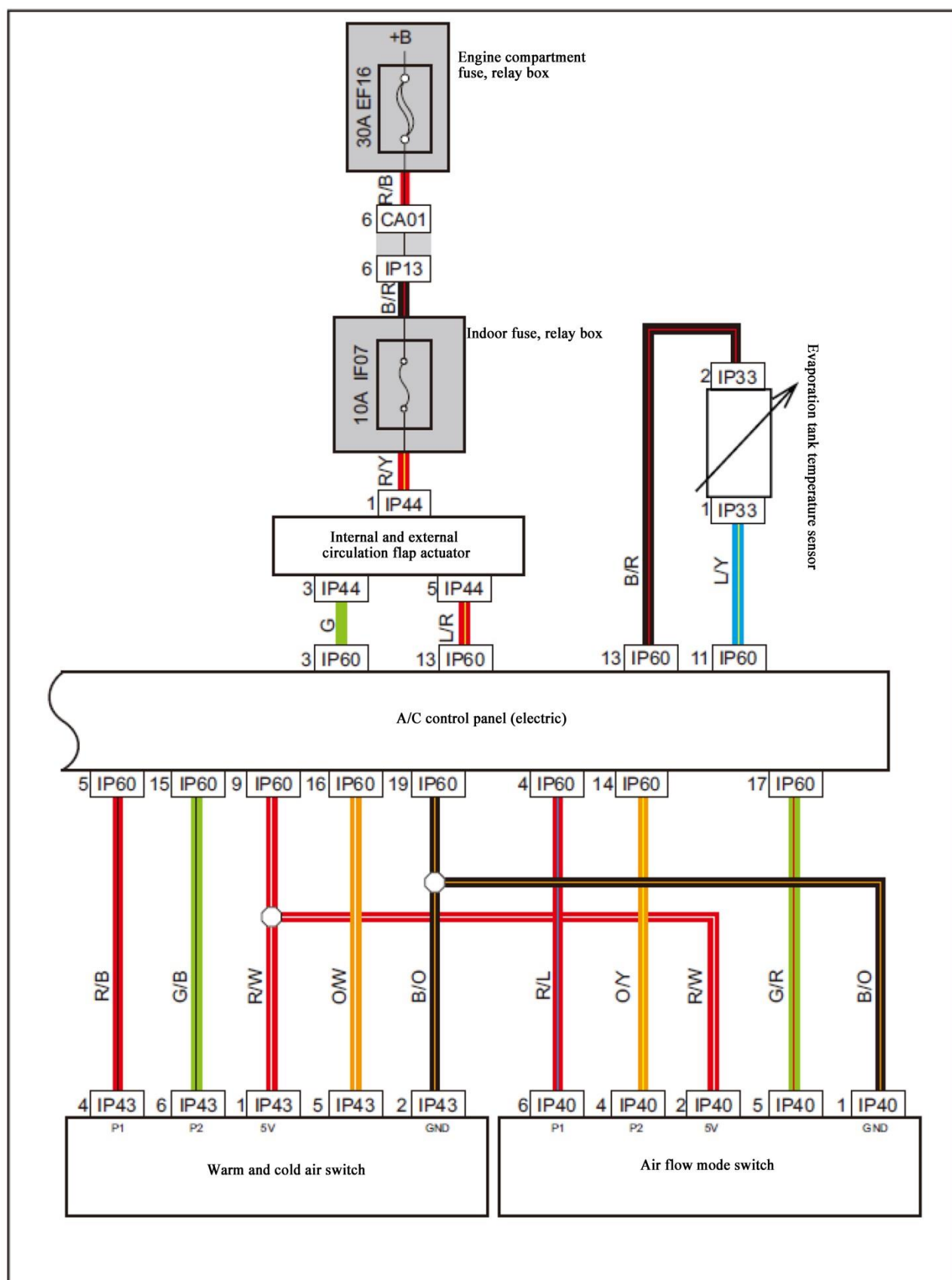


A/C blower control (automatic)

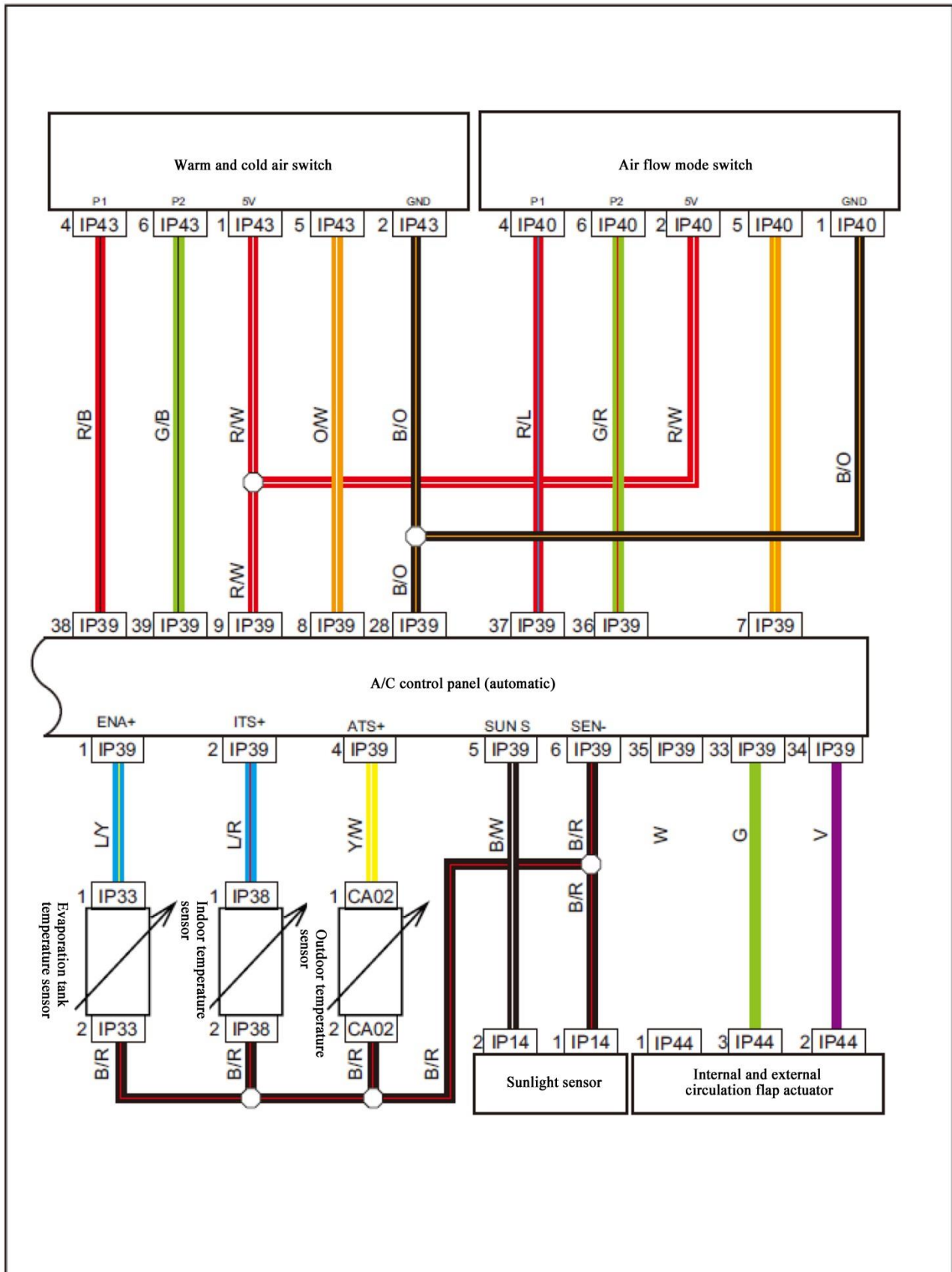


Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP34	Blower motor harness connector	54
IP35	Speed regulator module harness connector	54
IP39	A/C control panel (auto) harness connector	54
IP60	A/C control panel (electric) harness connector	54
IP63	Instrument harness connected to A/C harness connector	54
IP64	A/C harness connected to instrument harness connector	54
G5	Instrument grounding	84
G9	Instrument grounding	84

A/C sensor and switch (electric)

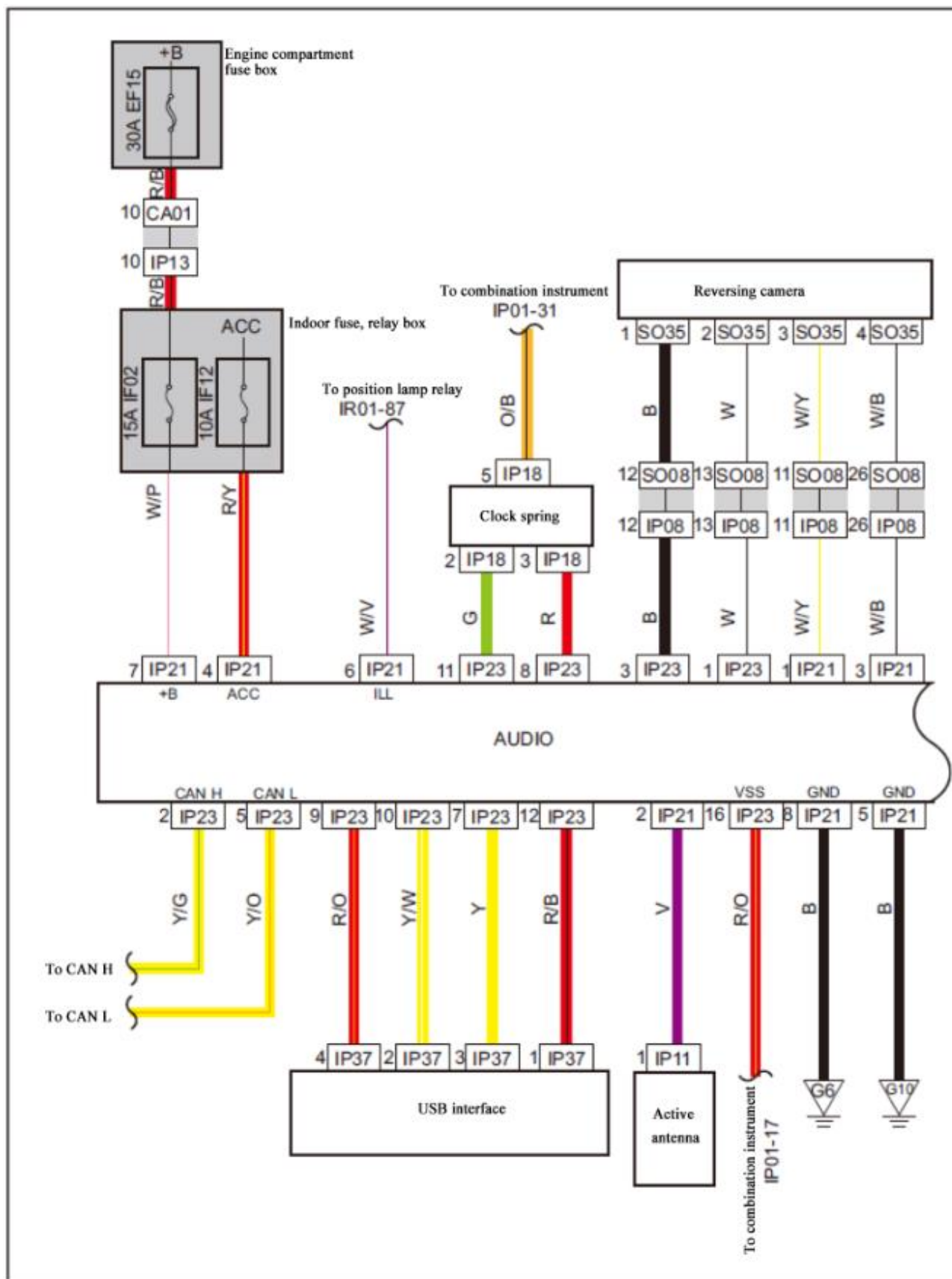


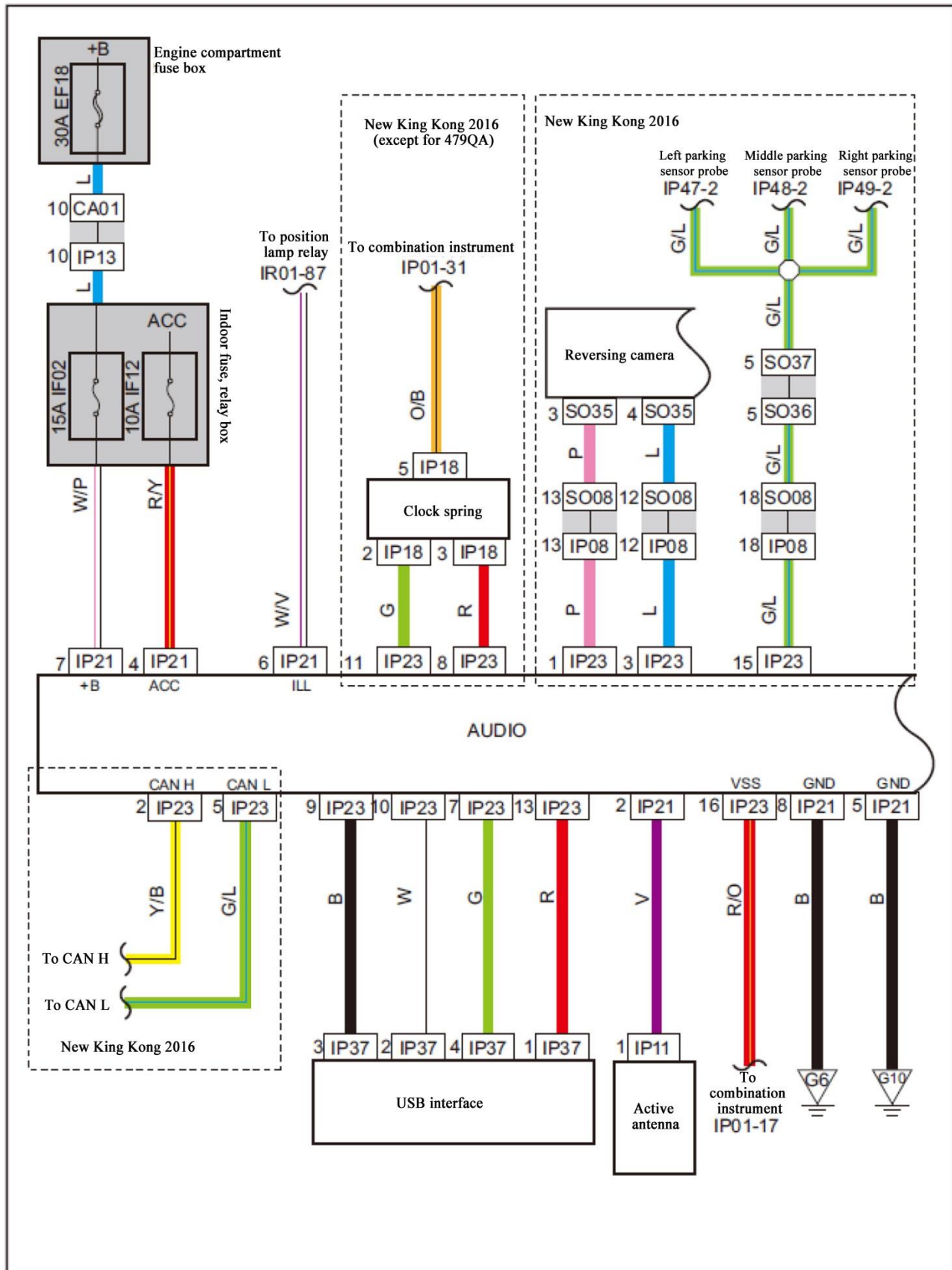
A/C sensor and switch (automatic)



Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP44	Internal and external circulation flap actuator harness connector	54
IP60	A/C control panel (electric) harness connector	54
IP43	Warm and cold air switch lighting harness connector	54
IP40	Mode flap harness connector	54
IP33	Evaporation tank temperature sensor harness connector	54
IP38	Indoor temperature sensor harness connector	54
IP14	Sunlight sensor harness connector	54
CA02	Outdoor temperature sensor harness connector	32
IP44	Internal and external circulation flap actuator harness connector	54

Power supply, signal and grounding of main unit of audio system

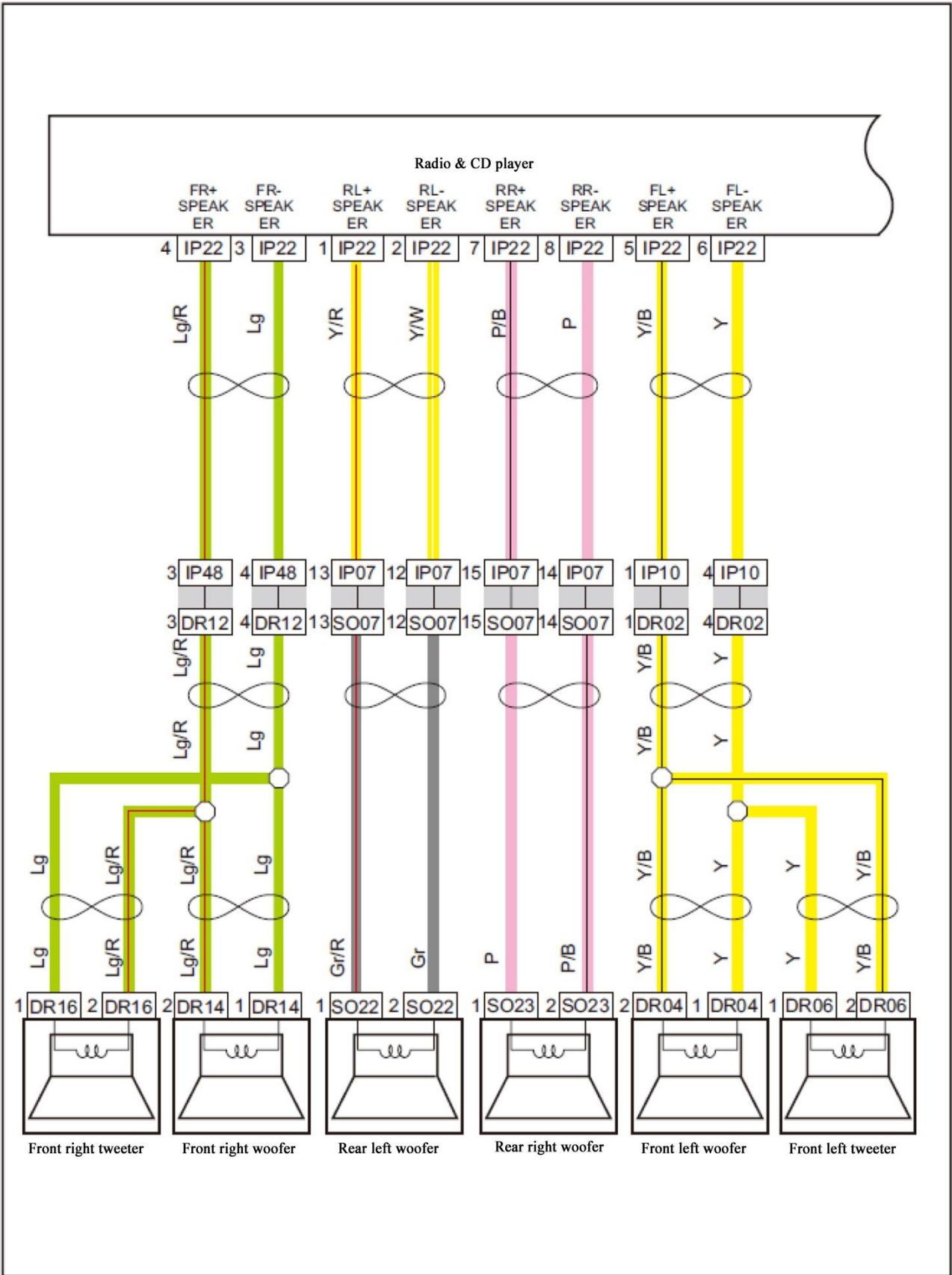




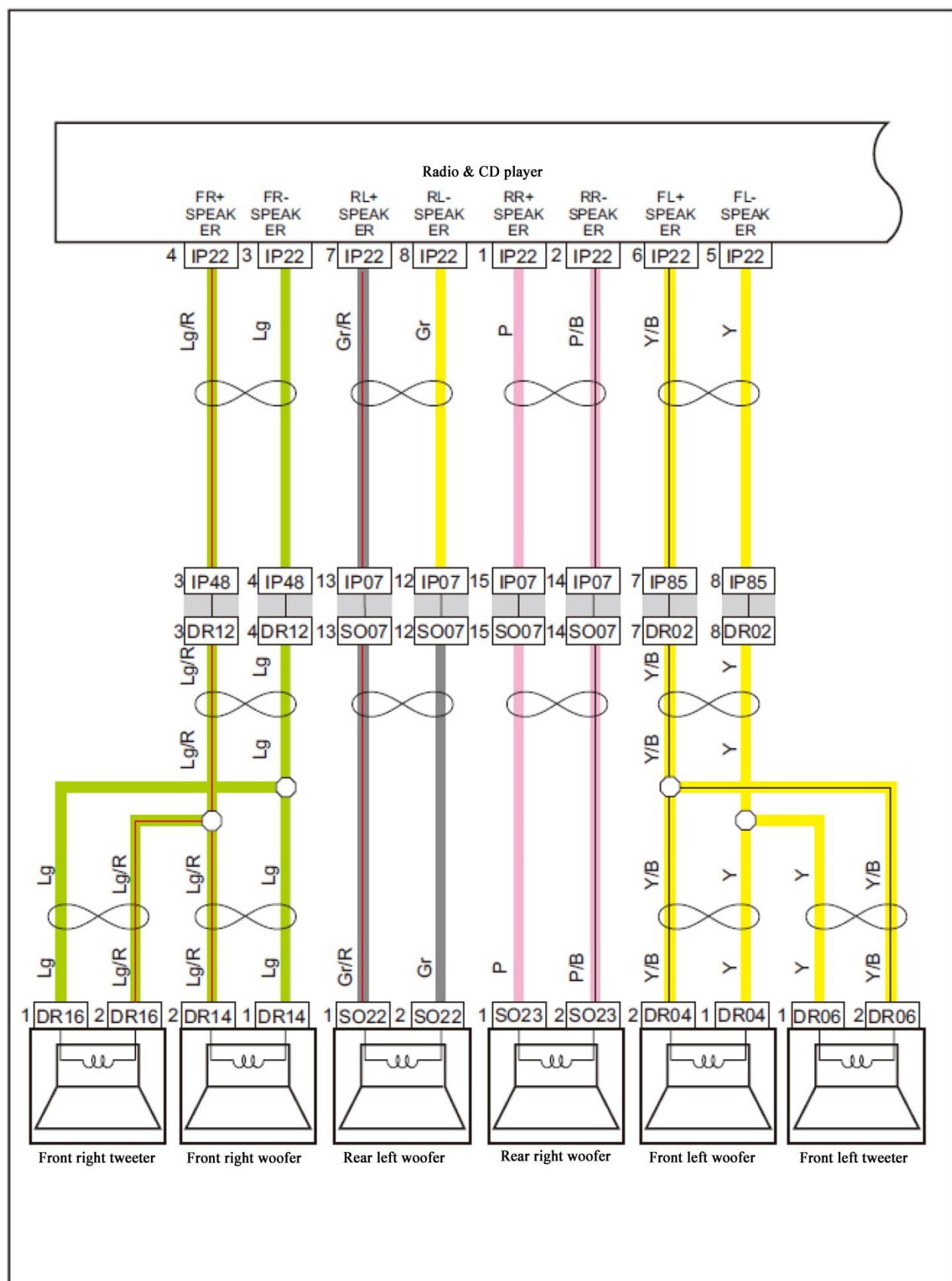
Harness connector	Name	Page
IP21	Radio & CD player harness connector 1	54
IP18	Clock spring harness connector (12 pins)	54
IP23	Radio & CD player harness connector 3	54
SO08	To instrument panel harness connector B	65
IP08	To floor harness connector B	54
IP37	USB interface harness connector	54
IP11	Active antenna harness connector	54
G6	Instrument grounding	84
G10	Instrument grounding	84

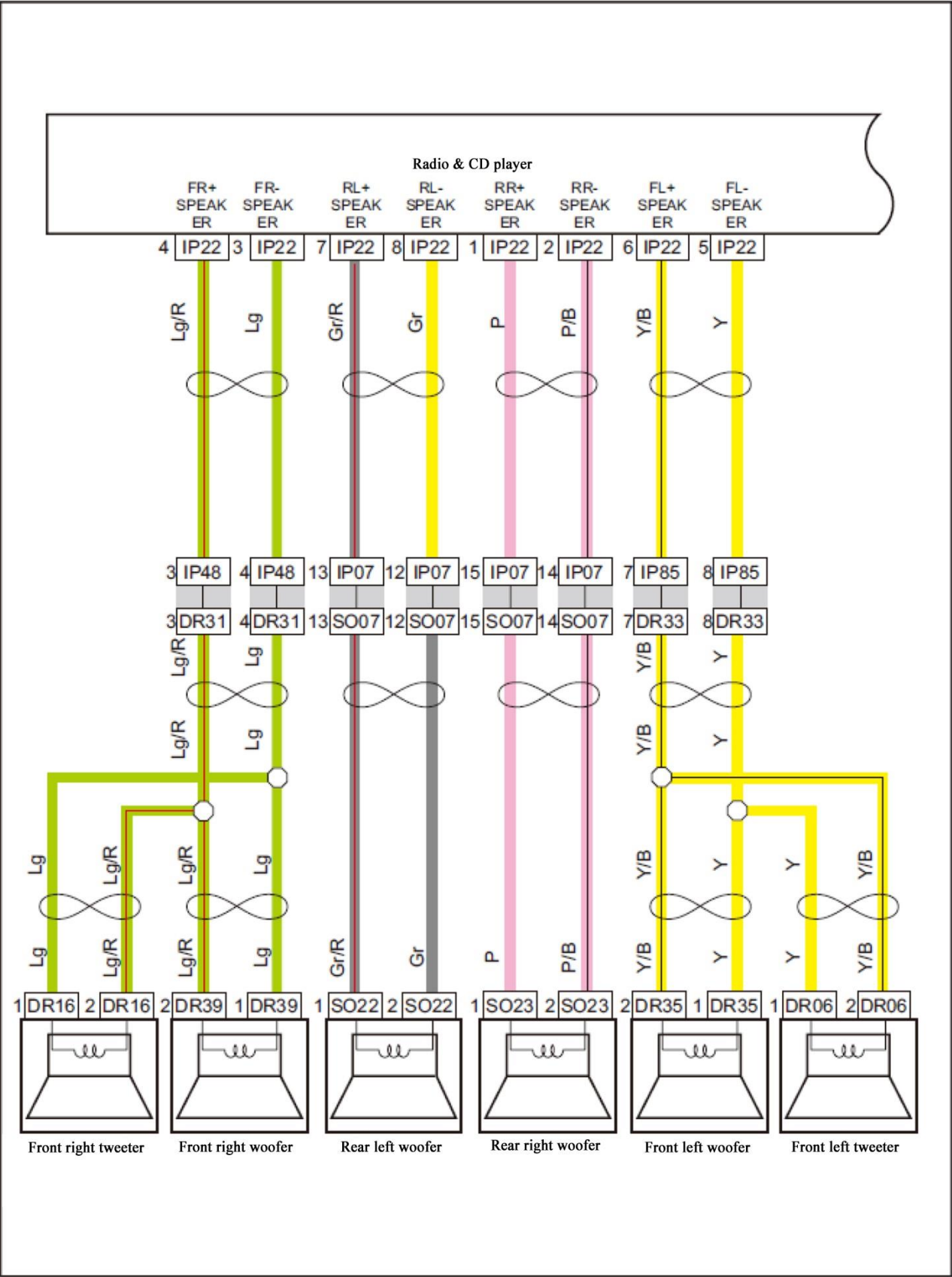
Connection point	Description	Page
IP21-6	To position lamp relay IR01-87	234
IP15-23	To left parking sensor probe IP47-2	262
	To middle parking sensor probe IP48-2	285
	To right parking sensor probe IP49-2	285
IP18-5	To combination instrument IP01-31	189
IP23-16	To combination instrument IP01-17	192

Speaker control for main unit of audio system

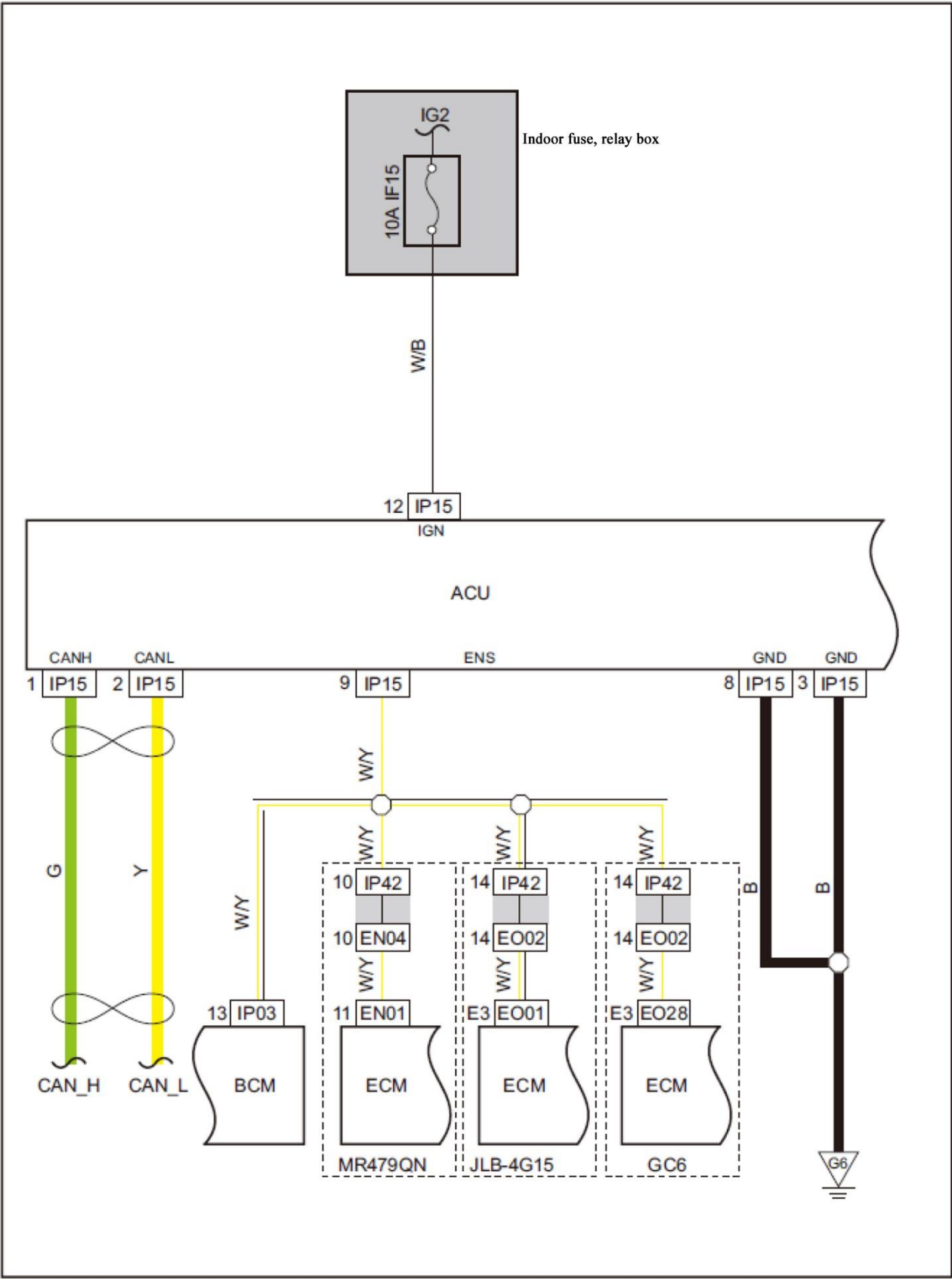


Speaker control for main unit of audio system (GC6)

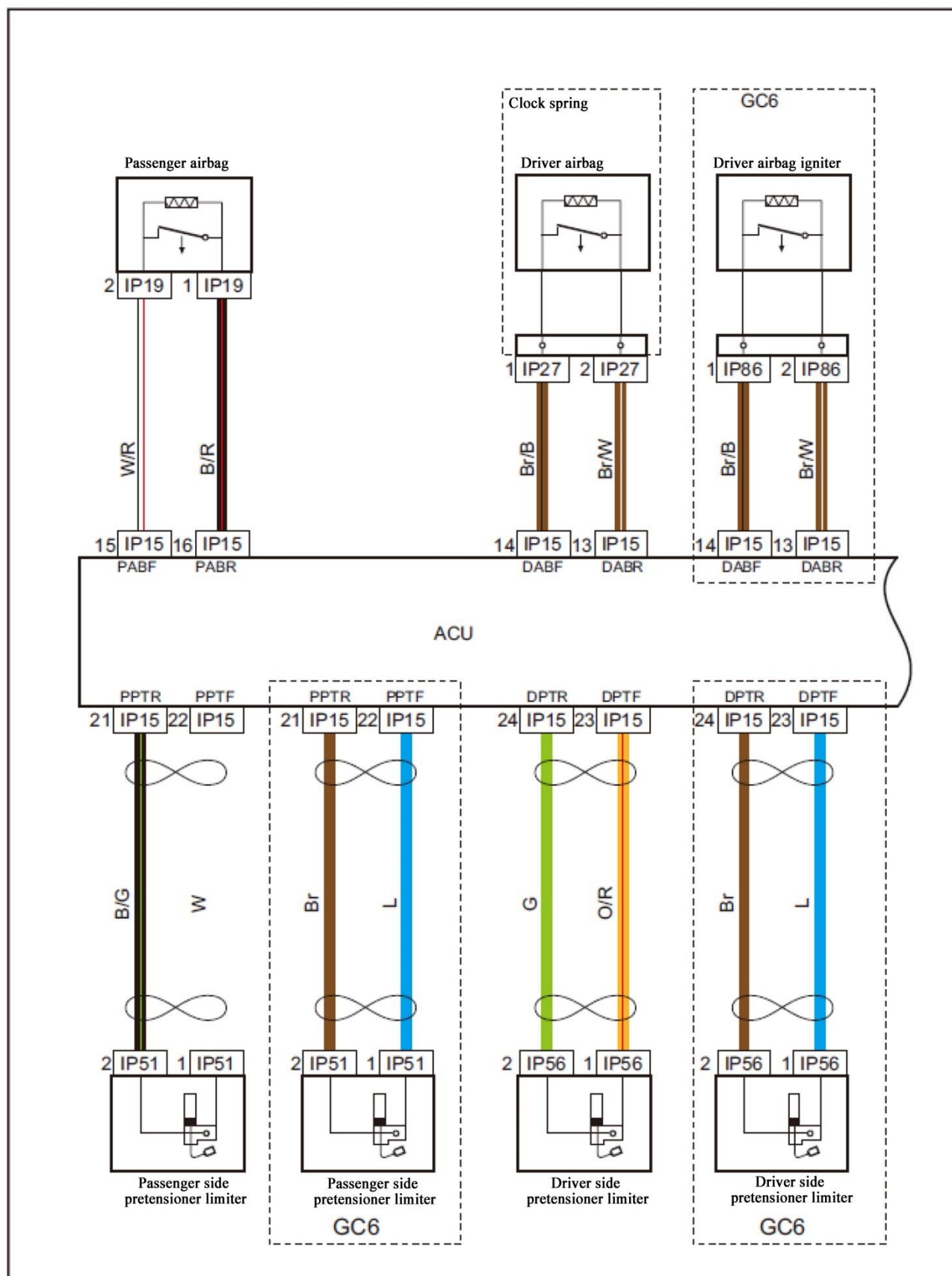




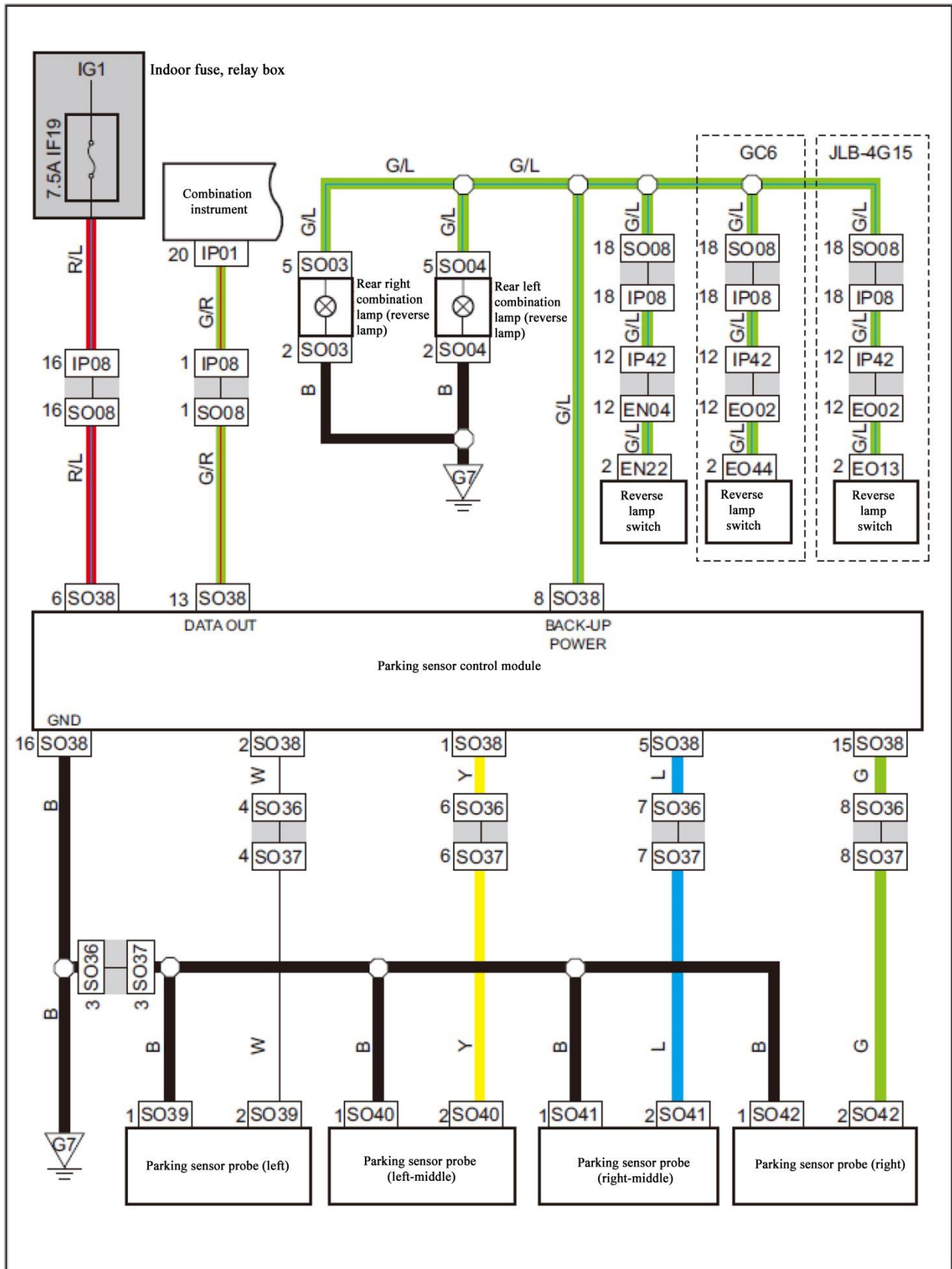
Harness connector	Name	Page
IP07	To floor harness connector A	49
IP10	To front left door harness connector B	49
IP22	Radio & CD player harness connector 2	54
IP48	To front right door harness connector B	54
SO07	To instrument panel harness connector A	60
SO22	Luggage compartment shelf left speaker harness connector	60
SO23	Luggage compartment shelf right speaker harness connector	60
DR02	Driver side door connected to instrument harness connector B	66
DR04	Front left speaker harness connector	66
DR06	Front left tweeter harness connector	66
DR12	Passenger side door connected to instrument harness connector B	66
DR14	Front right speaker harness connector	71
DR16	Front right tweeter harness connector	71
DR35	Front left speaker harness connector	71
DR39	Front right speaker harness connector	71



Seat belt pretensioner, airbag

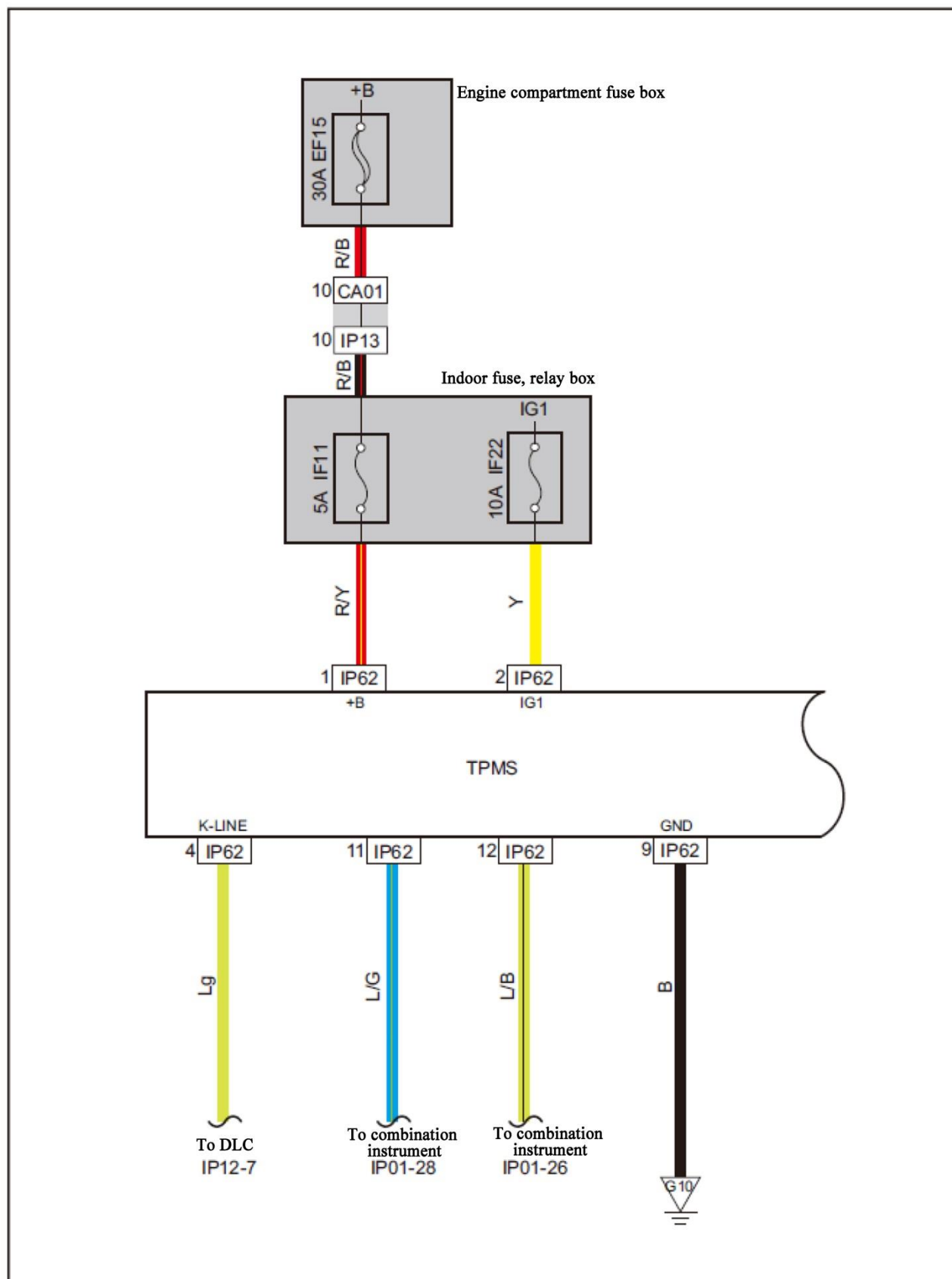


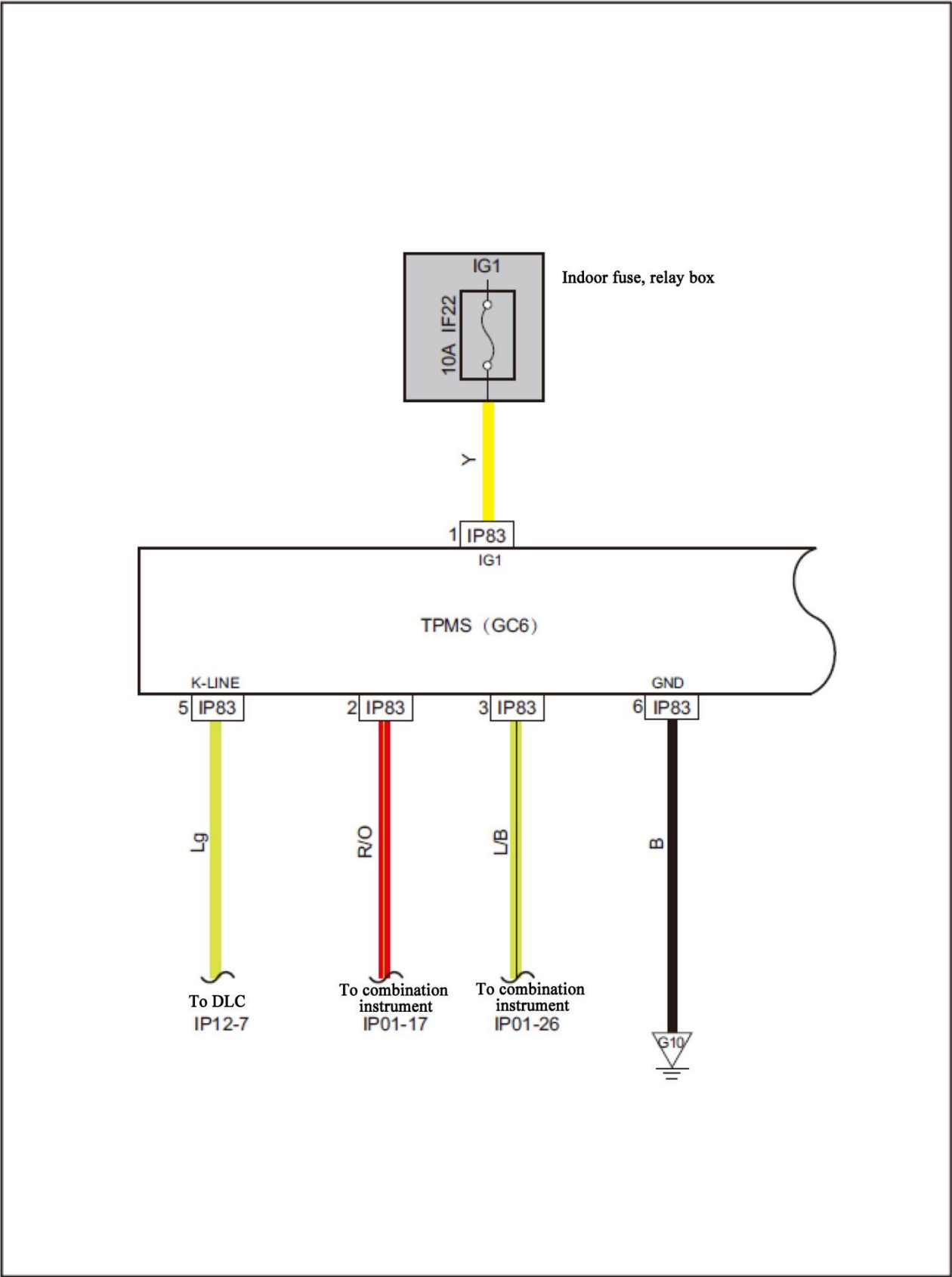
Parking sensor



Harness connector	Name	Page
IP01	Combination instrument harness connector 1	54
IP02	Multi-functional instrument harness connector	54
IP08	To floor harness connector B	54
IP42	To engine harness connector	54
EN04	To instrument harness connector	39
EN22	Reverse gear switch harness connector	38
EO02	To instrument harness connector	49
EO13	Reverse gear switch harness connector	48
EO44	Reverse lamp switch harness connector (GC6)	48
SO03	Right rear combination lamp harness connector	65
SO04	Rear left combination lamp harness connector	65
SO08	To instrument panel harness connector B	65
SO36	Floor harness connected to rear fog lamp harness connector	65
SO37	Rear fog lamp harness connected to body harness connector	65
SO38	Parking sensor control module harness connector	65
SO39	Parking sensor probe 1 harness connector	65
SO40	Parking sensor probe 2 harness connector	65
SO41	Parking sensor probe 3 harness connector	65
SO42	Parking sensor probe 4 harness connector	65
SO47	Left parking sensor probe harness connector (New King Kong 2016)	65
SO48	Middle parking sensor probe harness connector (New King Kong 2016)	65
SO49	Right parking sensor probe harness connector (New King Kong 2016)	65
G7	Floor grounding	85

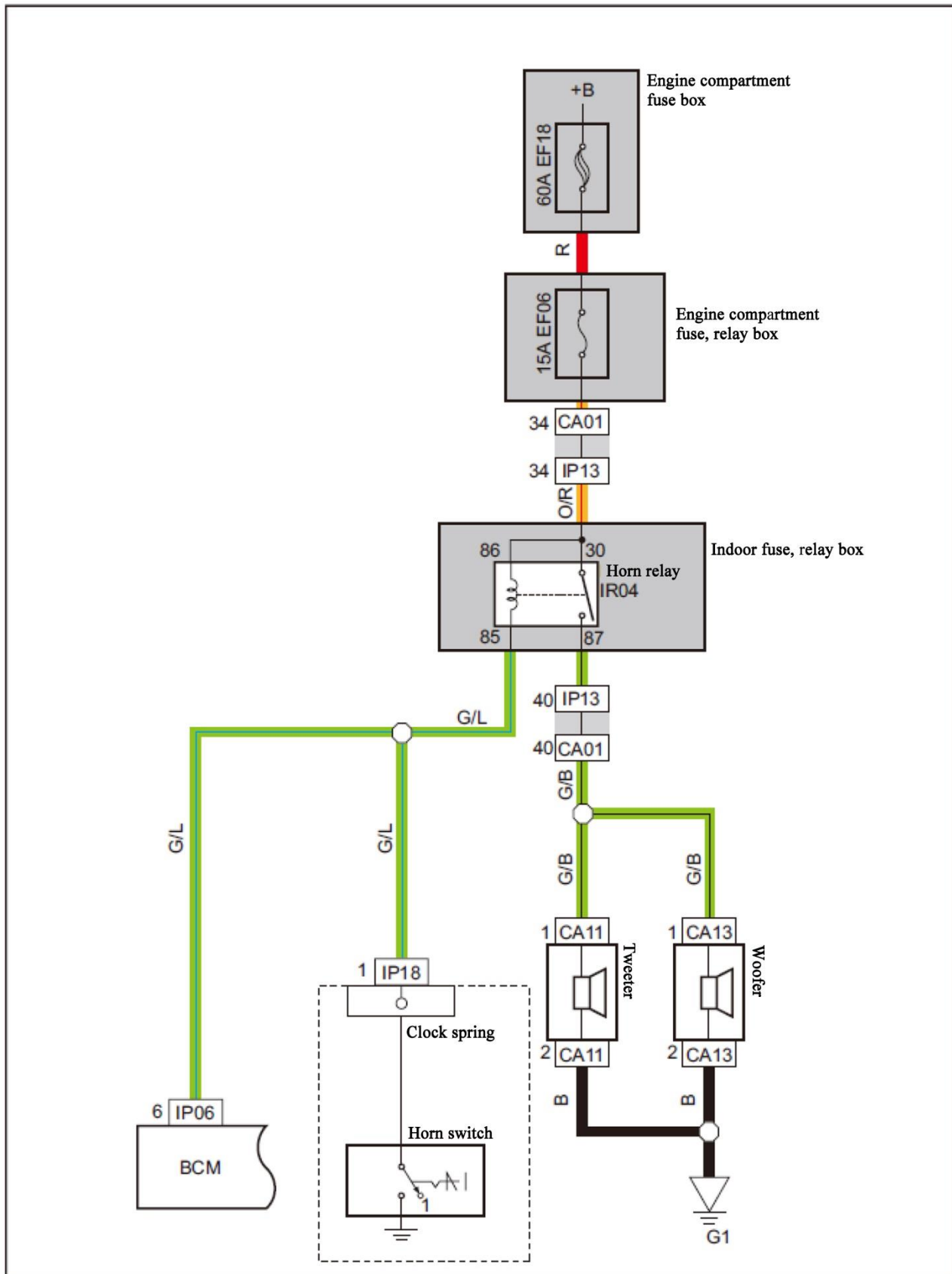
TPMS





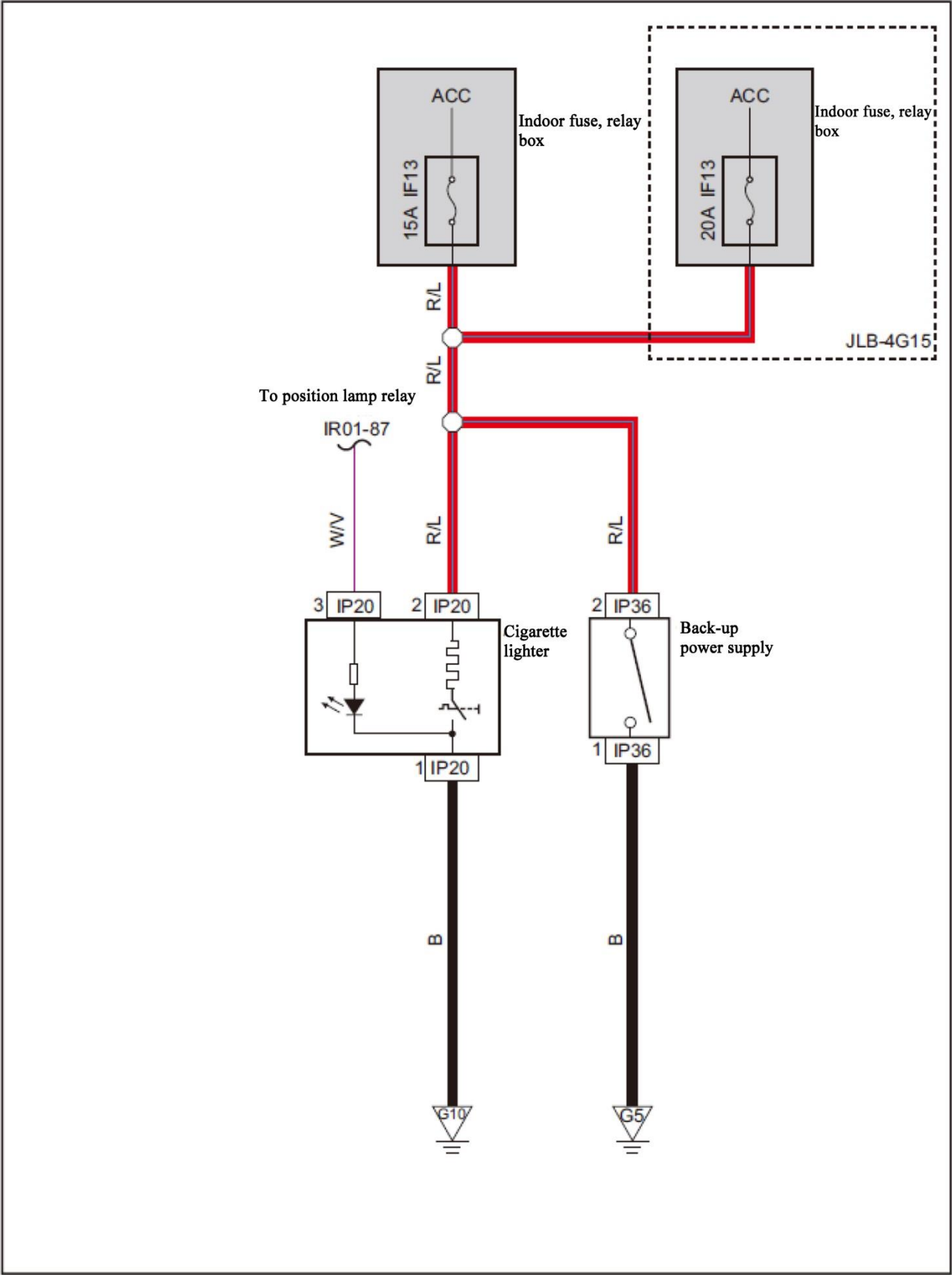
Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP62	Harness connector of TPMS module harness connector	54
IP83	TPMS control module harness connector (GC6)	54
G10	Instrument grounding	84

Connection point	Description	Page
IP83-5	To diagnostic interface IP12-7	324
IP83-2	To combination instrument IP01-28	189
IP83-3	To combination instrument IP01-26	189

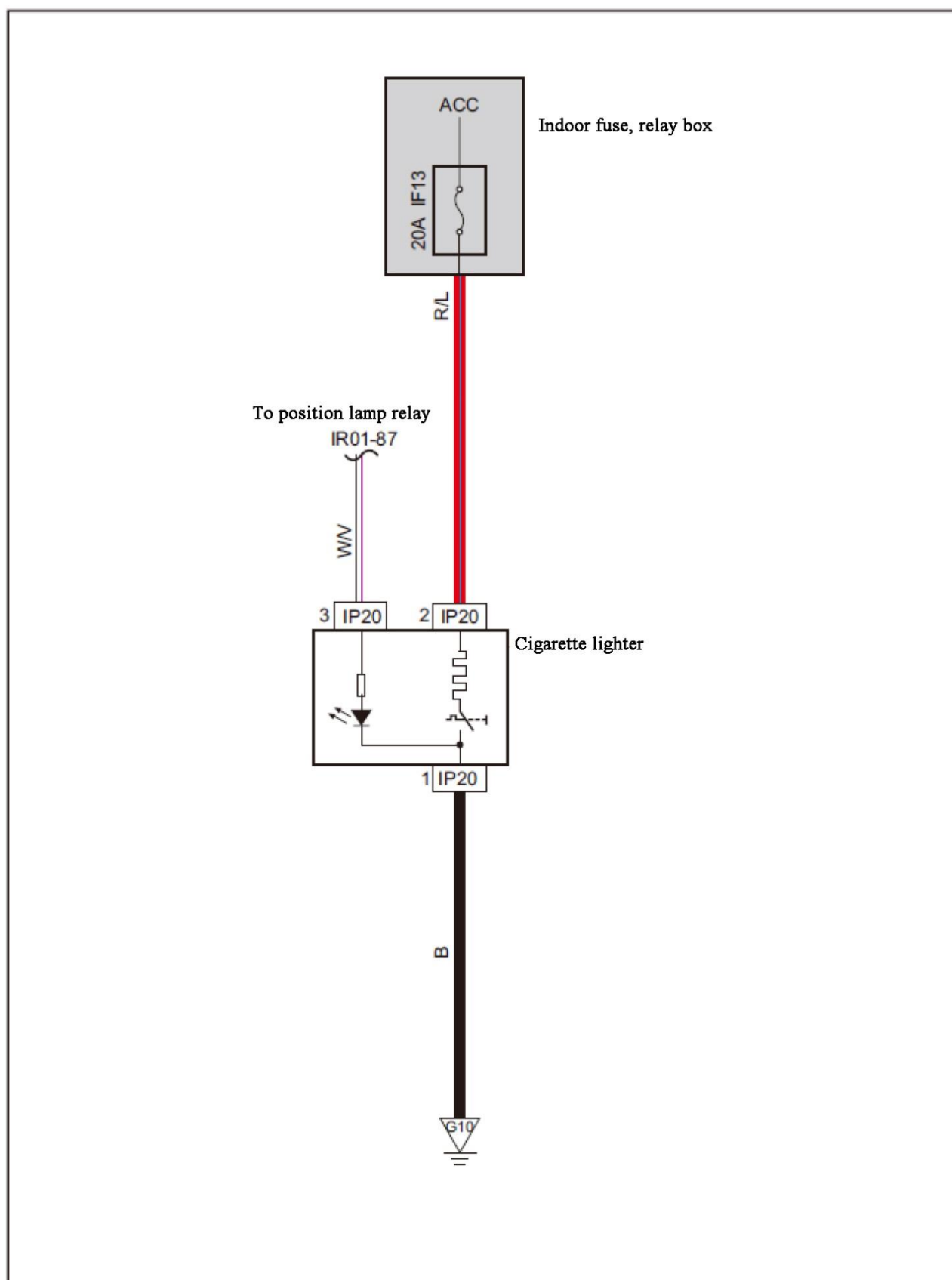


Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP06	BCM harness connector C	54
IP18	Clock spring harness connector (12 pins)	54
CA11	Horn 1 harness connector (left)	32
CA13	Horn 2 harness connector (right)	32

Cigarette lighter and back-up power supply



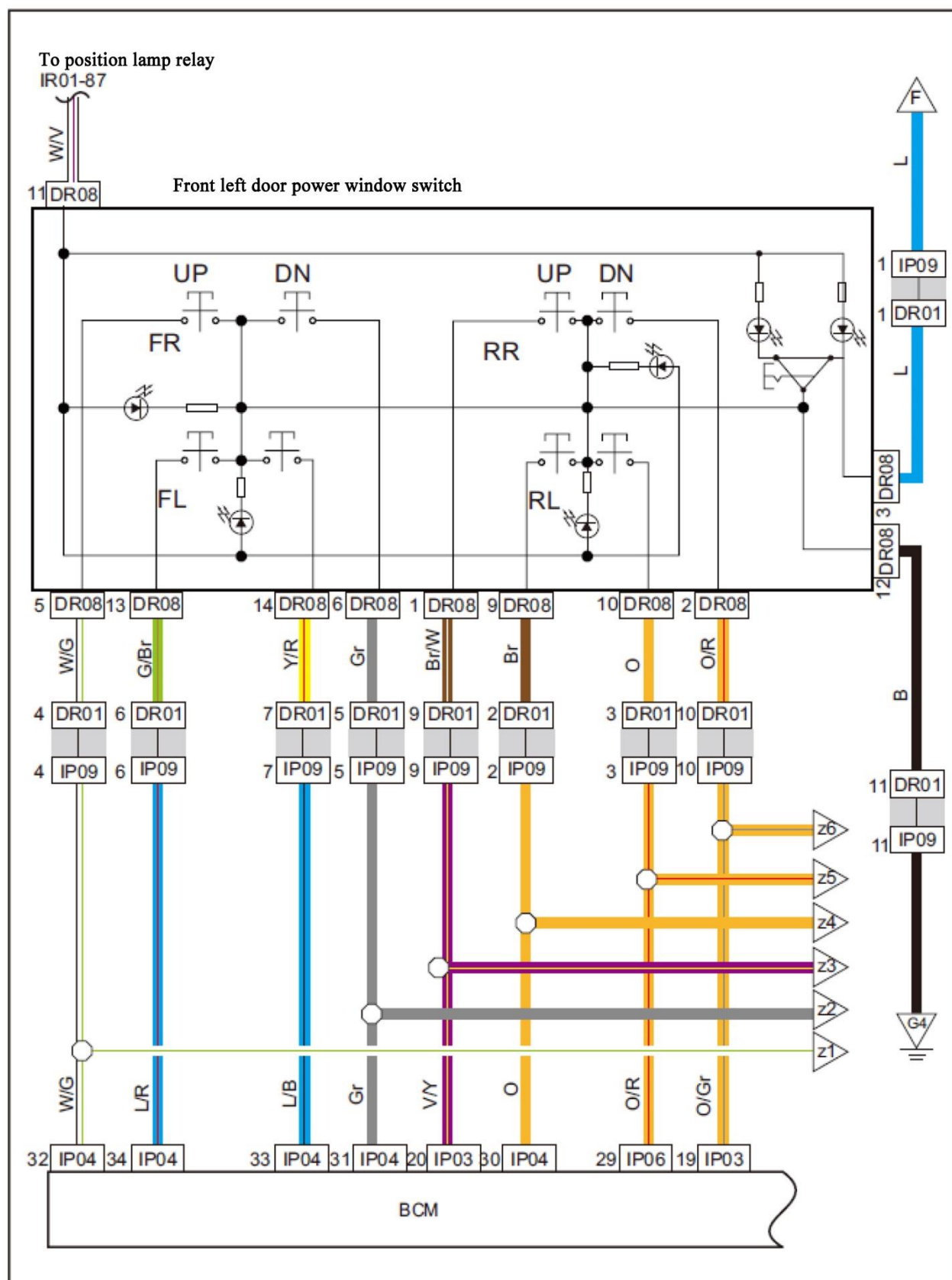
Cigarette lighter and back-up power supply (GC6/New King Kong 2016)



Harness connector	Name	Page
IP20	Cigarette lighter harness connector	54
IP36	Back-up power supply harness connector	54
G5	Instrument grounding	84
G10	Instrument grounding	84

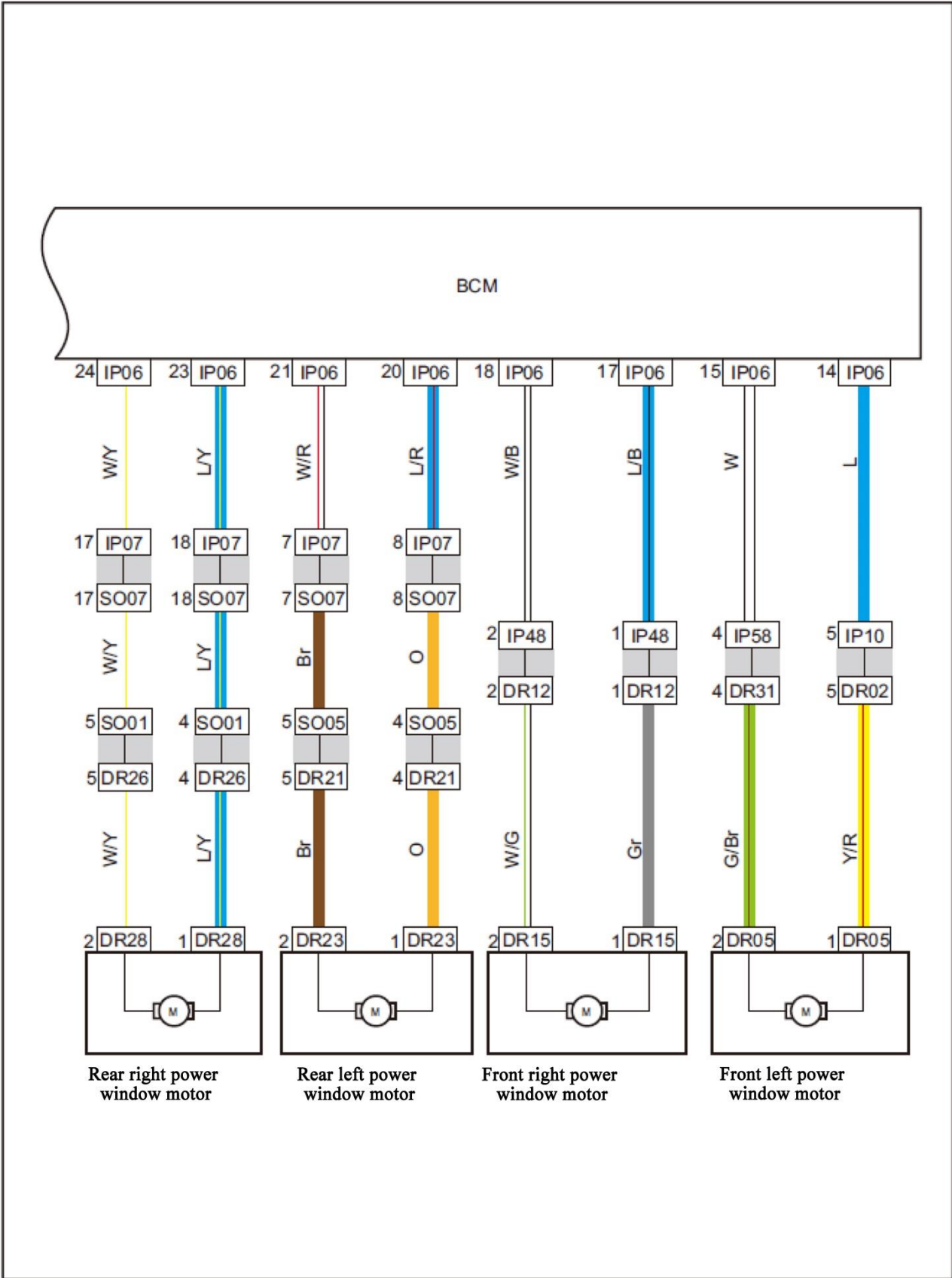
Connection point	Description	Page
IP20-3	To position lamp relay IR01-87	234

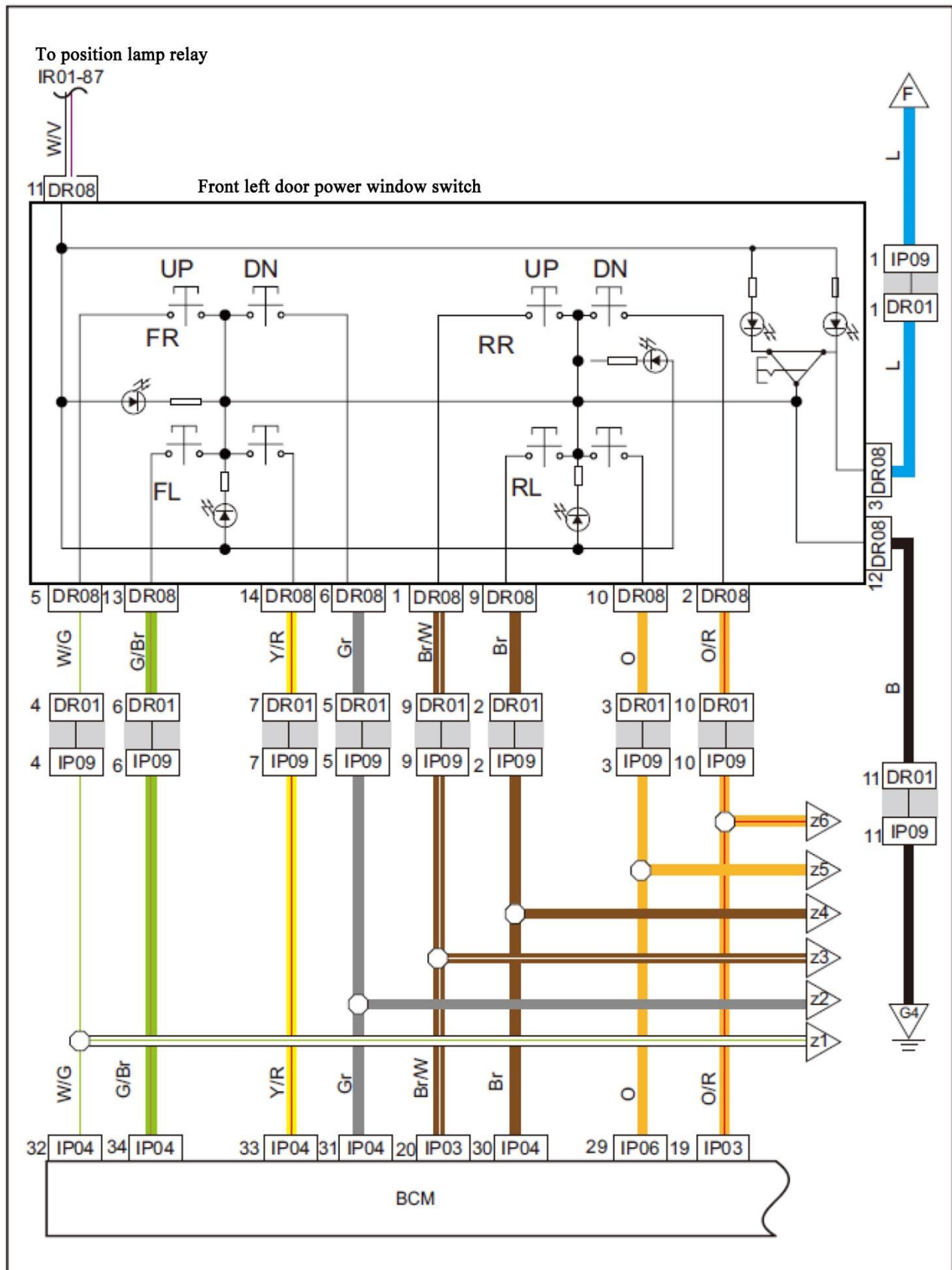
Power window 1

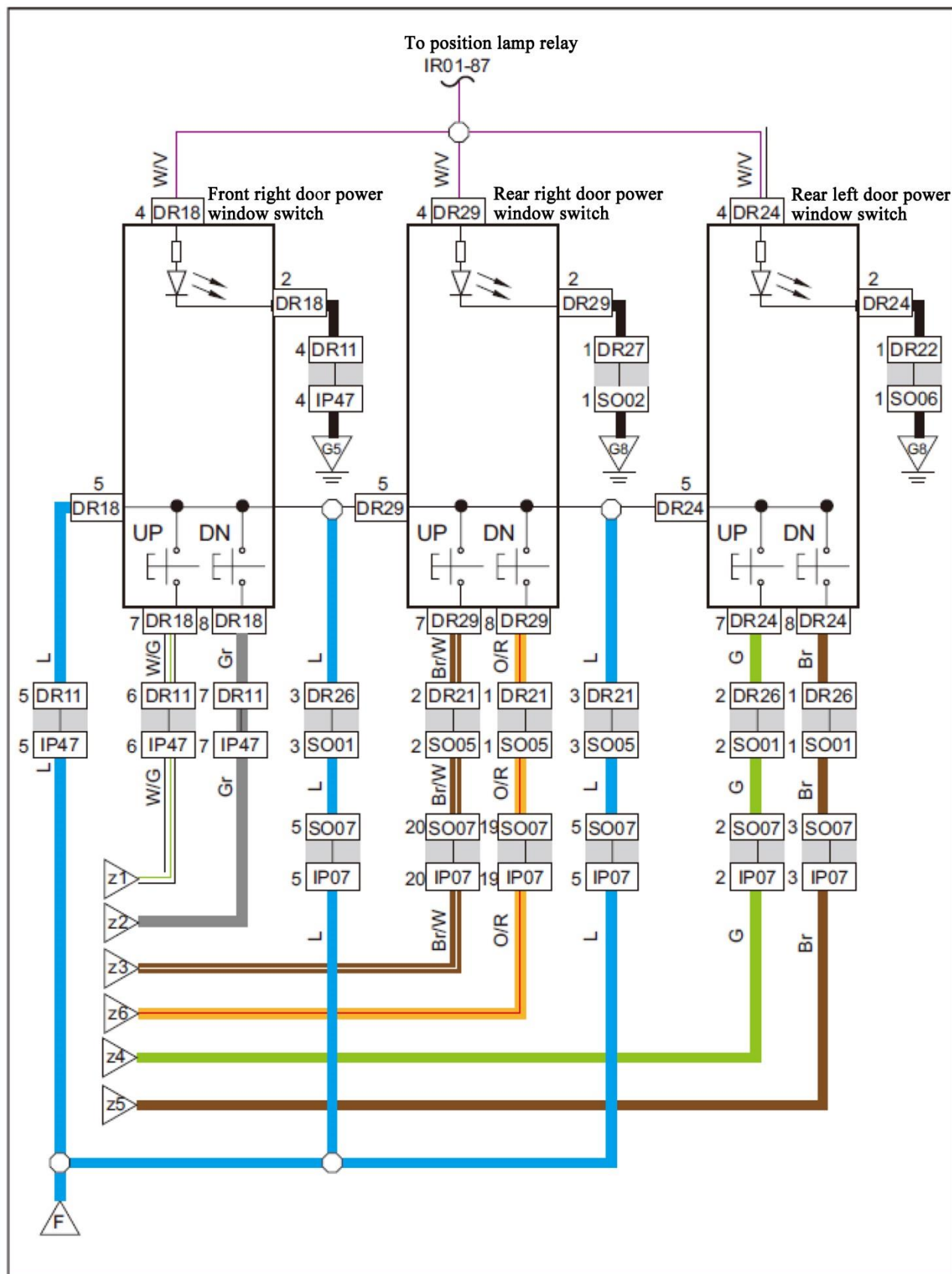


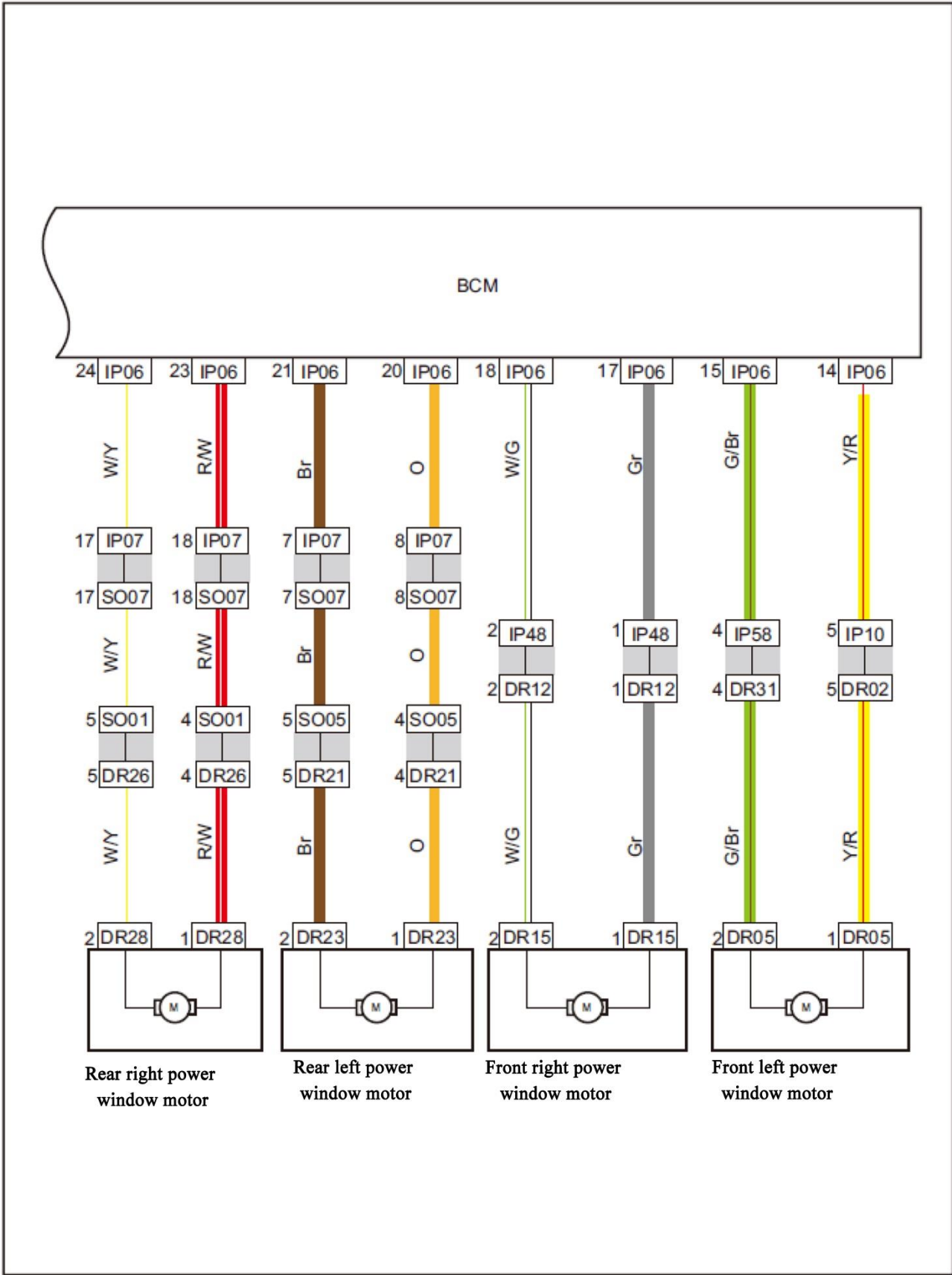


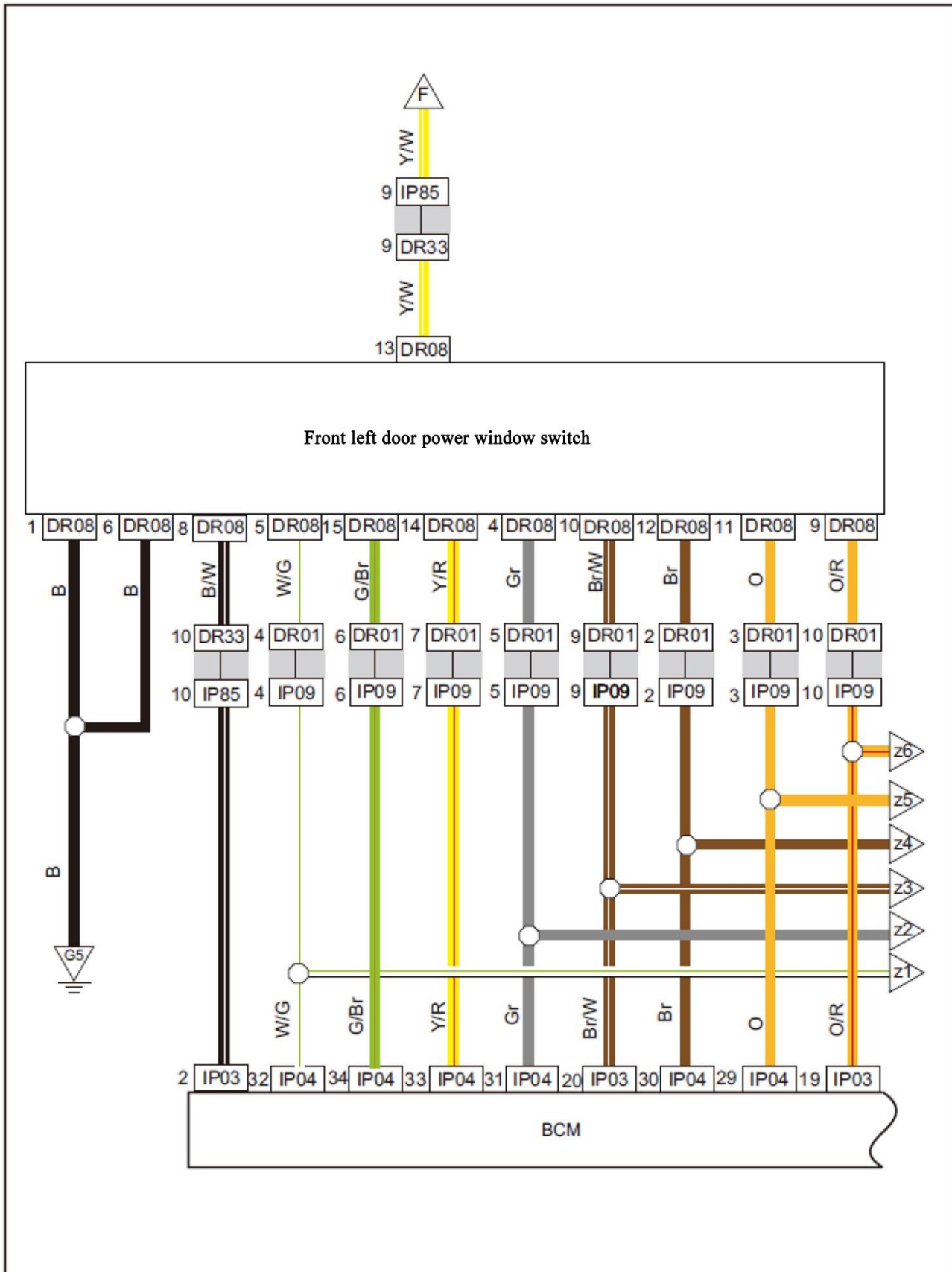
Power window 3

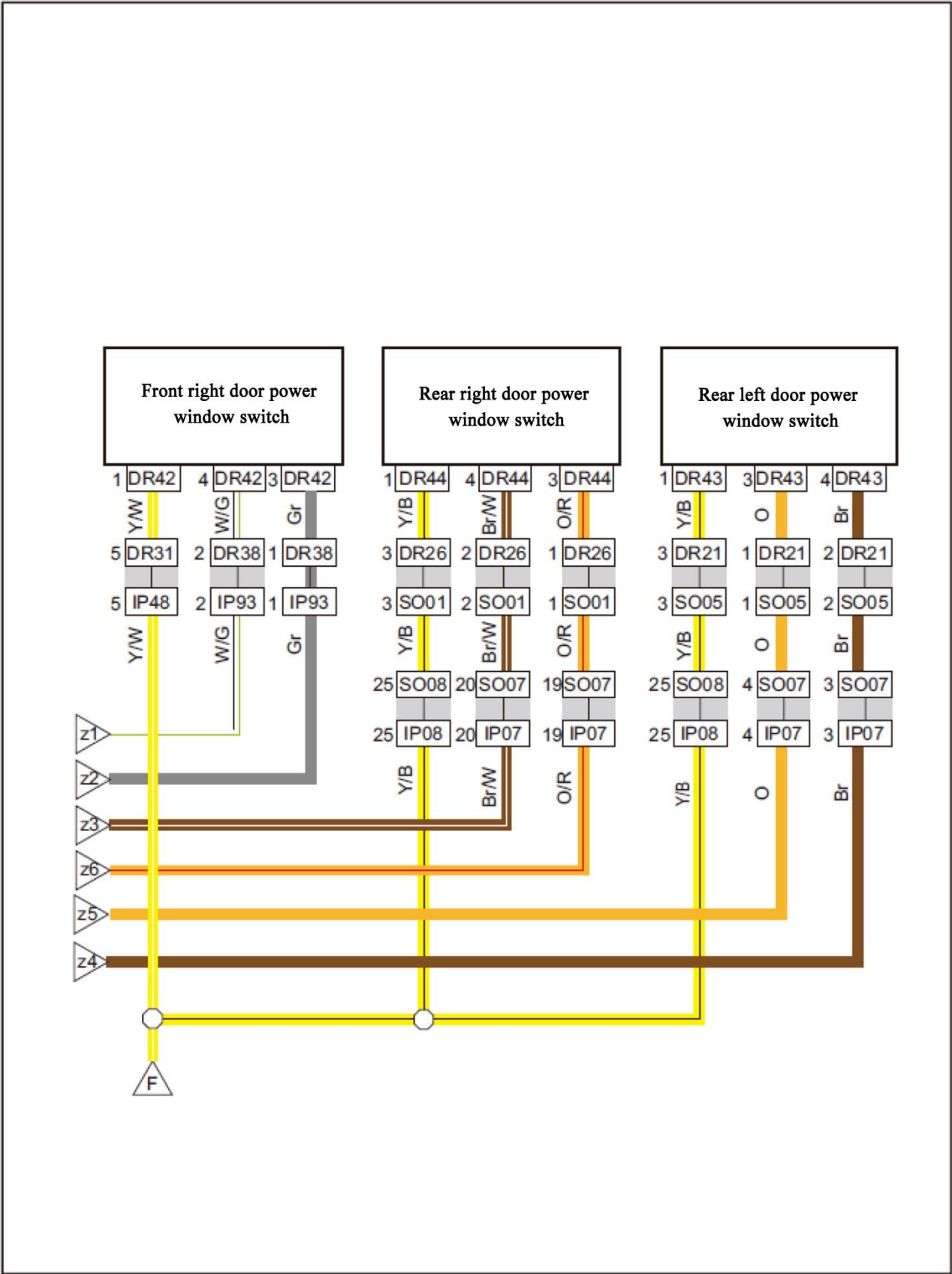




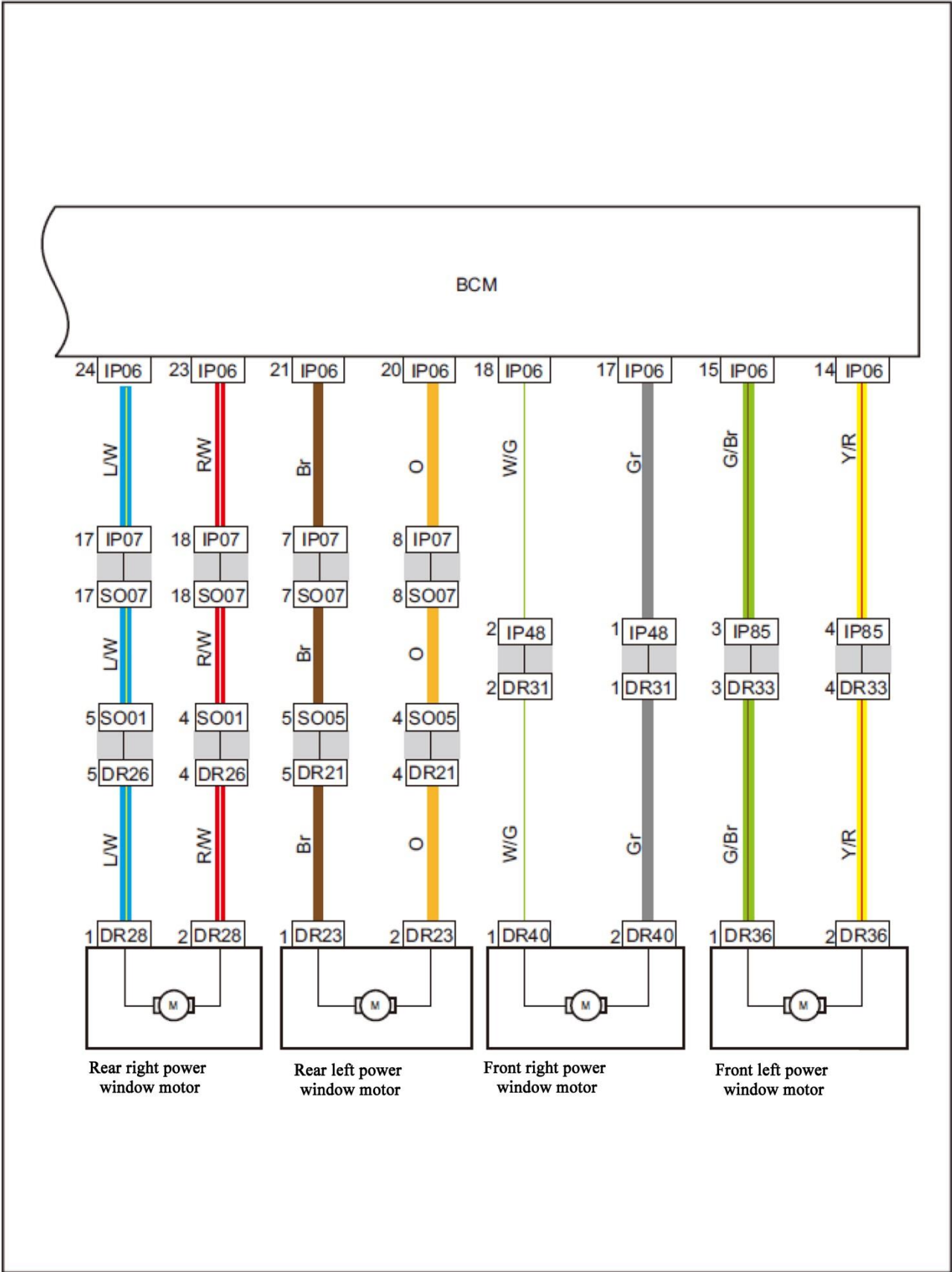






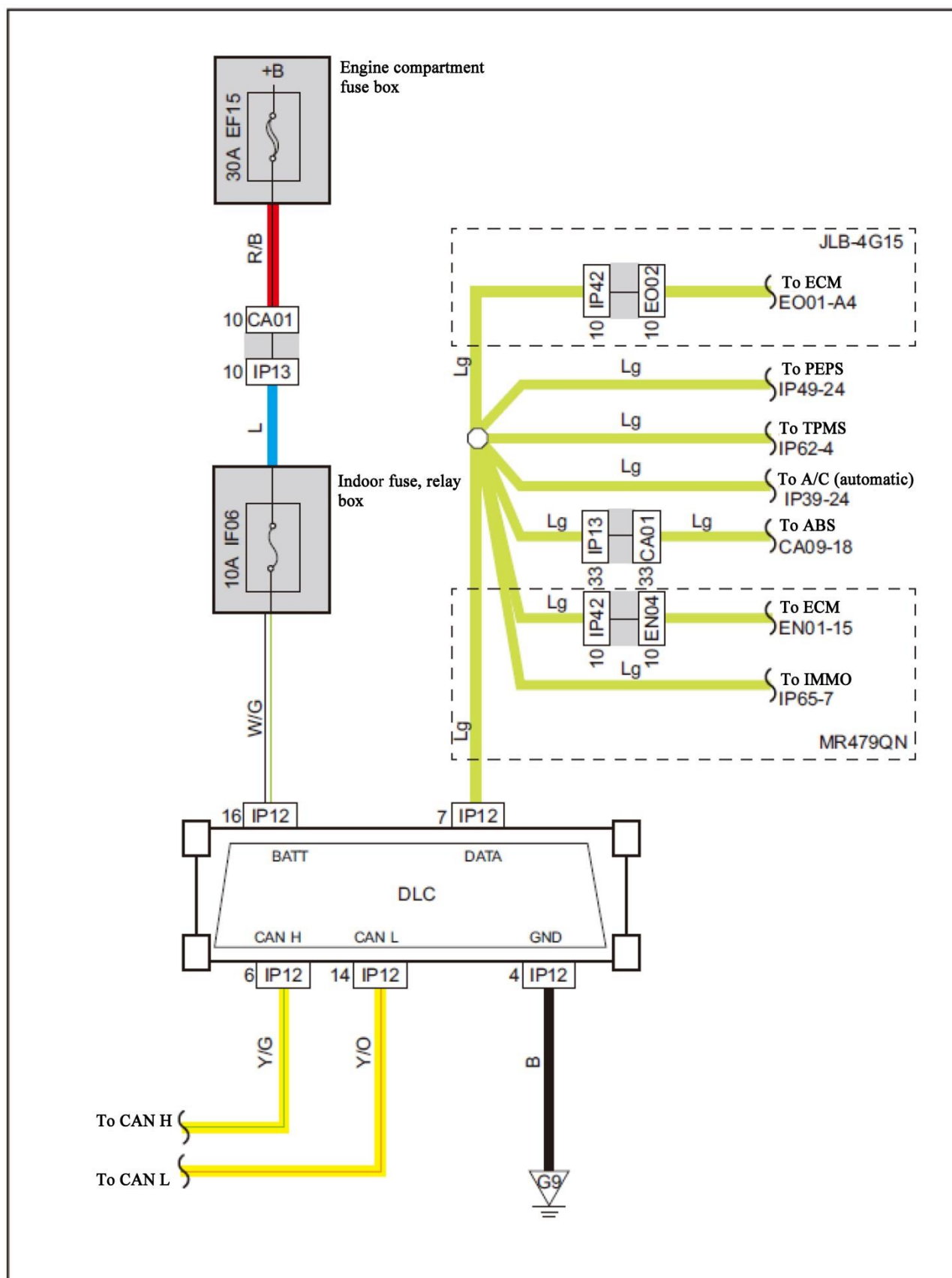


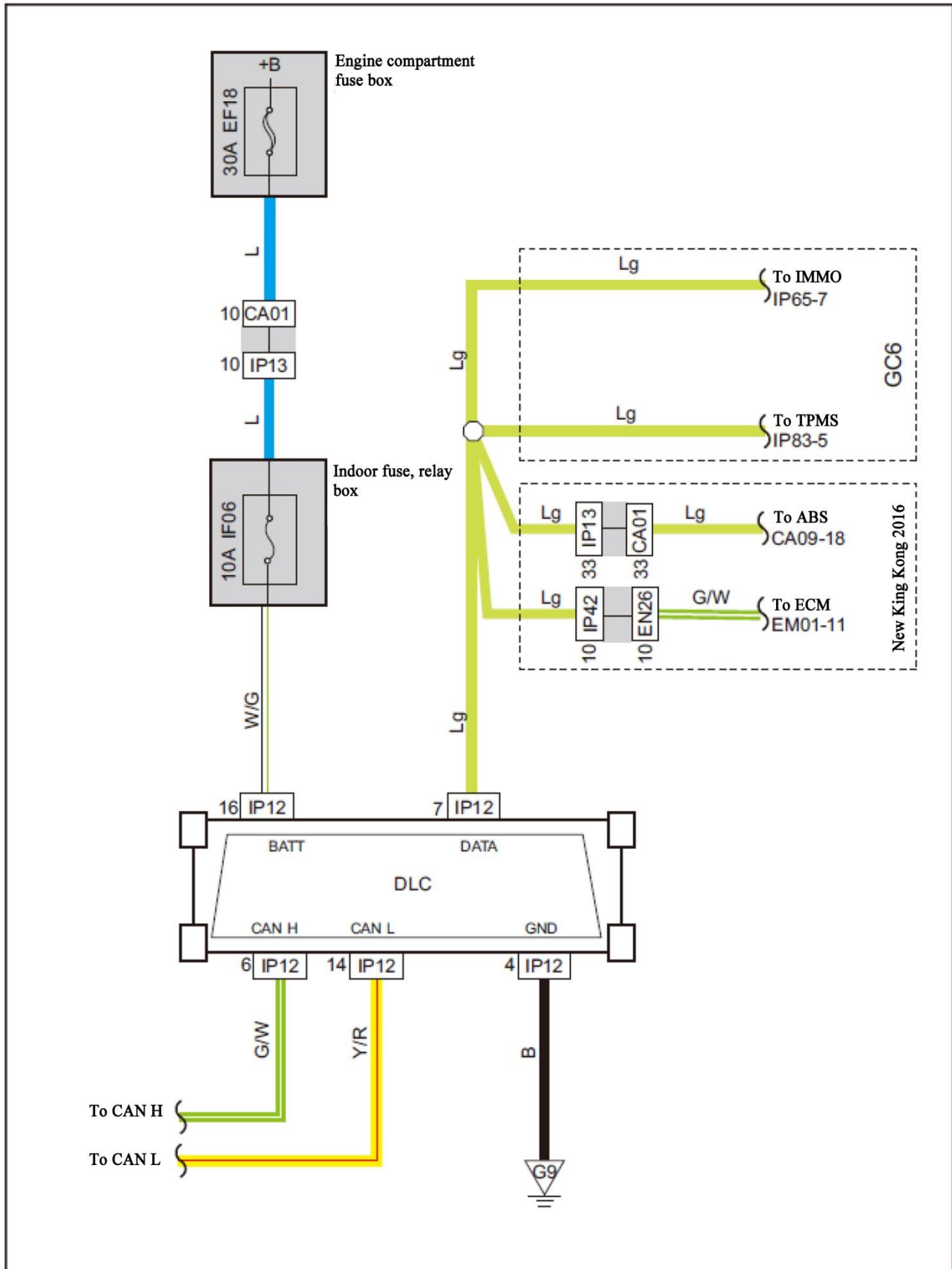
Power window 3 (New King Kong 2016)



Harness connector	Name	Page
DR08	Power window master control switch harness connector	71
DR01	Driver side door connected to instrument harness connector A	71
IP09	To front left door harness connector A	54
IP03	Central control unit harness connector A1	54
IP04	Central control unit harness connector A2	54
IP06	Central control unit harness connector C	54
DR18	Front right power window switch harness connector	71
DR24	Rear left power window switch harness connector	72
DR29	Rear right power window switch harness connector	72
DR11	Passenger side door connected to instrument harness connector A	71
IP47	To front right door harness connector A	54
DR27	Rear right door connected to floor harness connector B	72
SO02	To rear right door harness connector B	65
DR22	Rear left door connected to floor harness connector B	72
SO06	To rear left door harness connector B	65
IP07	To floor harness connector A	54
SO07	To instrument panel harness connector A	65
SO05	To rear left door harness connector A	65
DR21	Rear left door connected to floor harness connector A	72
SO01	To rear right door harness connector A	65
DR26	Rear right door connected to floor harness connector A	72
IP48	To front right door harness connector B	54
DR12	Passenger side door connected to instrument harness connector B	48
IP10	To front left door harness connector B	54
DR02	Driver side door connected to instrument harness connector B	71
DR28	Rear right power window harness connector	72
DR23	Rear left power window harness connector	72
DR15	Front right power window harness connector	71
DR05	Front left power window harness connector	71
G4	Instrument grounding	84
G5	Instrument grounding	84
G8	Floor grounding	85

Diagnostic interface

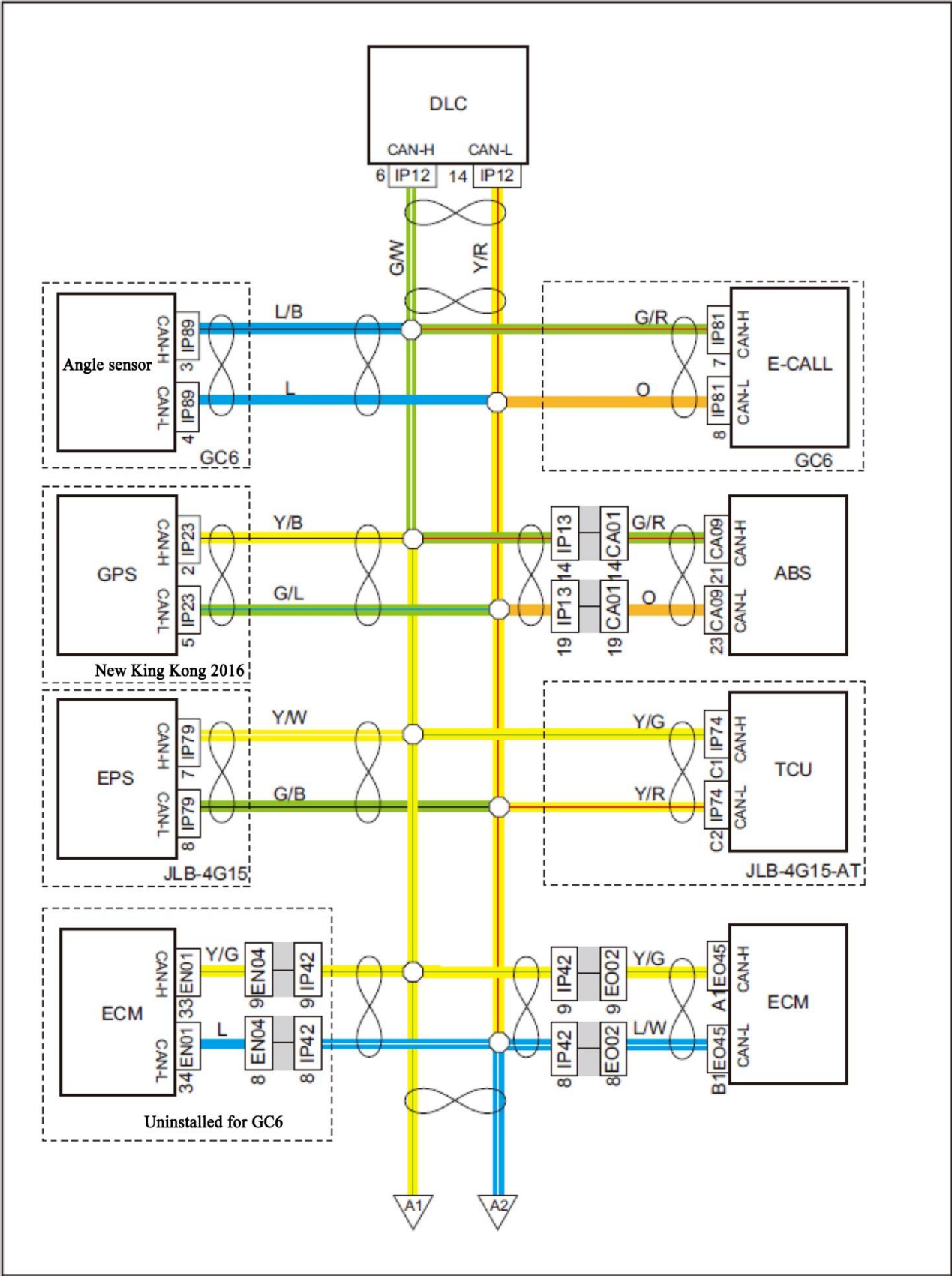




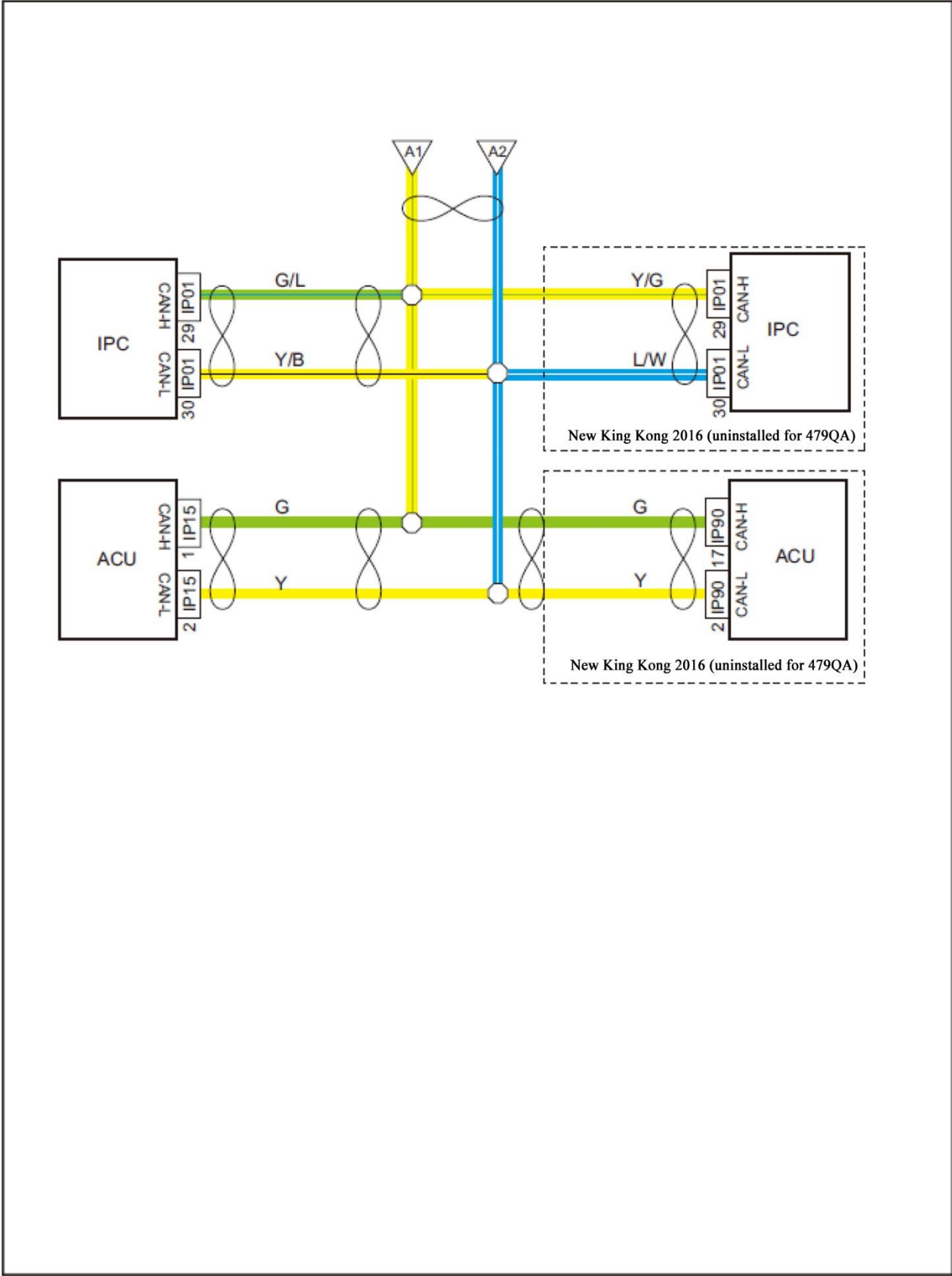
Harness connector	Name	Page
CA01	To instrument harness connector	33
IP13	To engine compartment harness connector	54
IP12	Diagnostic interface harness connector	54
IP42	To engine harness connector	54
EN04	To instrument harness connector	39
EO02	To instrument harness connector	49
G9	Instrument grounding	84

Connection point	Description	Page
IP12-7	To PEPS IP49-24	300
	To TPMS IP62-4	304
	To TPMS IP83-5	268
	To A/C (automatic) IP39-24	267
	To ABS CA09-18	200
	To ECM EN01-15	129
	To IMMO IP65-7	174
	To ECM EO01-A4	154
	To ECM EM01-11	142

CAN data communications network



CAN data communications network (Continued)



Harness connector	Name	Page
CA01	To instrument harness connector	33
CA09	ABS control module harness connector	32
EN04	To instrument harness connector	39
EN01	Engine control module harness connector	39
EO01	Engine control module A harness connector	49
EO02	To instrument harness connector	49
EO45	Engine control module A harness connector (GC6)	49
IP01	Combination instrument harness connector	54
IP12	Diagnostic interface harness connector	54
IP13	To engine compartment harness connector	54
IP15	Airbag module harness connector	54
IP23	Radio & CD player harness connector 3	54
IP42	To engine harness connector	54
IP74	Automatic transmission control module harness connector (AT)	54
IP79	EPS controller A harness connector (EPS model)	54
IP81	E-CALL control module harness connector (GC6)	54
IP89	Angle sensor harness connector (GC6)	54
IP90	Airbag control module harness connector (New King Kong 2016)	54

13.9 Abbreviation

English Abbreviation	Description in Chinese
ABS	Anti-lock Brake Control Module
A/C	A/C Control Module
ACU	Airbag Control Module
ALT	Alternator
BCM	Body Control Module
CAN	Controller Area Network
CKP	Crankshaft Position Sensor
CMP	Camshaft Position Sensor
DLC	Fault Diagnosis Interface
ECM	Engine Control Module
ECT	Coolant Temperature Sensor
EVAP	Charcoal Carbon Canister Solenoid Valve
HO2S	Oxygen Sensor
IAC	Idle Speed Control Valve
IAT	Intake Temperature Sensor
IMMO	Engine Immobilizer System Control Module
IPC	Combination Instrument
KS	Knock Sensor
MAP	Intake Manifold Absolute Pressure Sensor
TPS	Throttle Position Sensor
VSS	Vehicle Speed Sensor
PAID	Parking Sensor Control Module

