

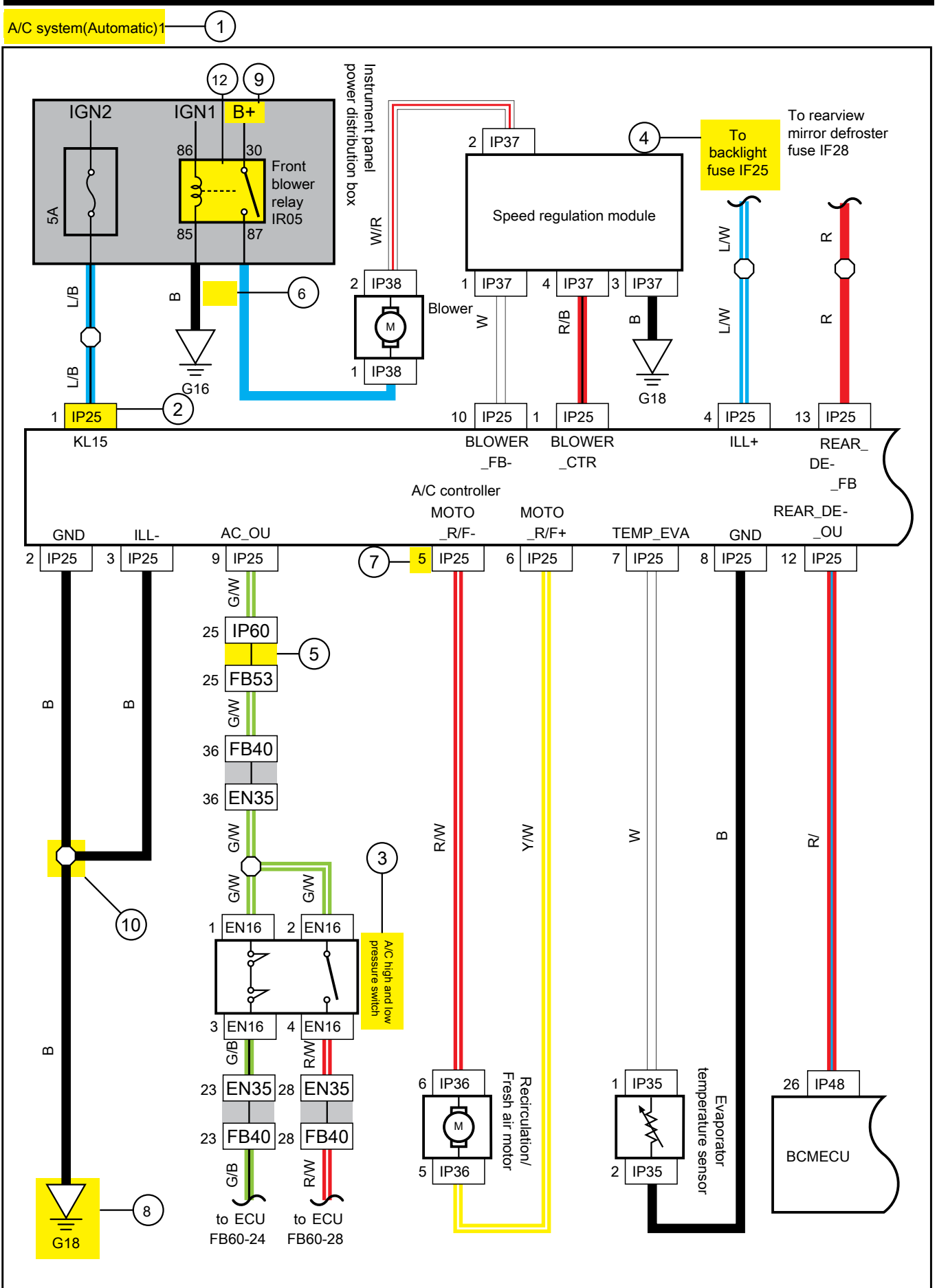
2026 Taikon 5 REEV Circuit Diagram Manual

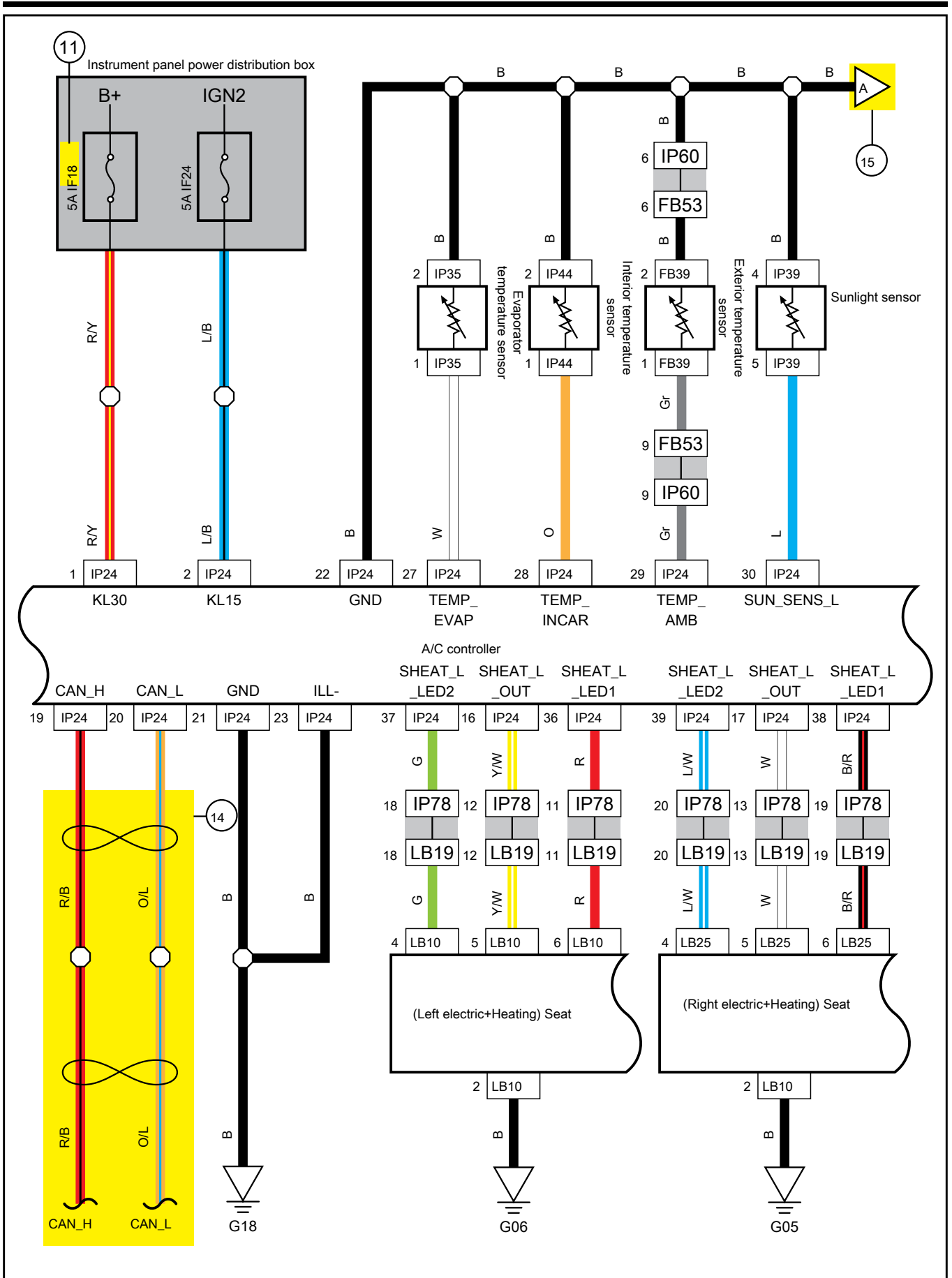
This manual contains electrical circuit diagrams for the 2026 Taikon 5 REEV model.

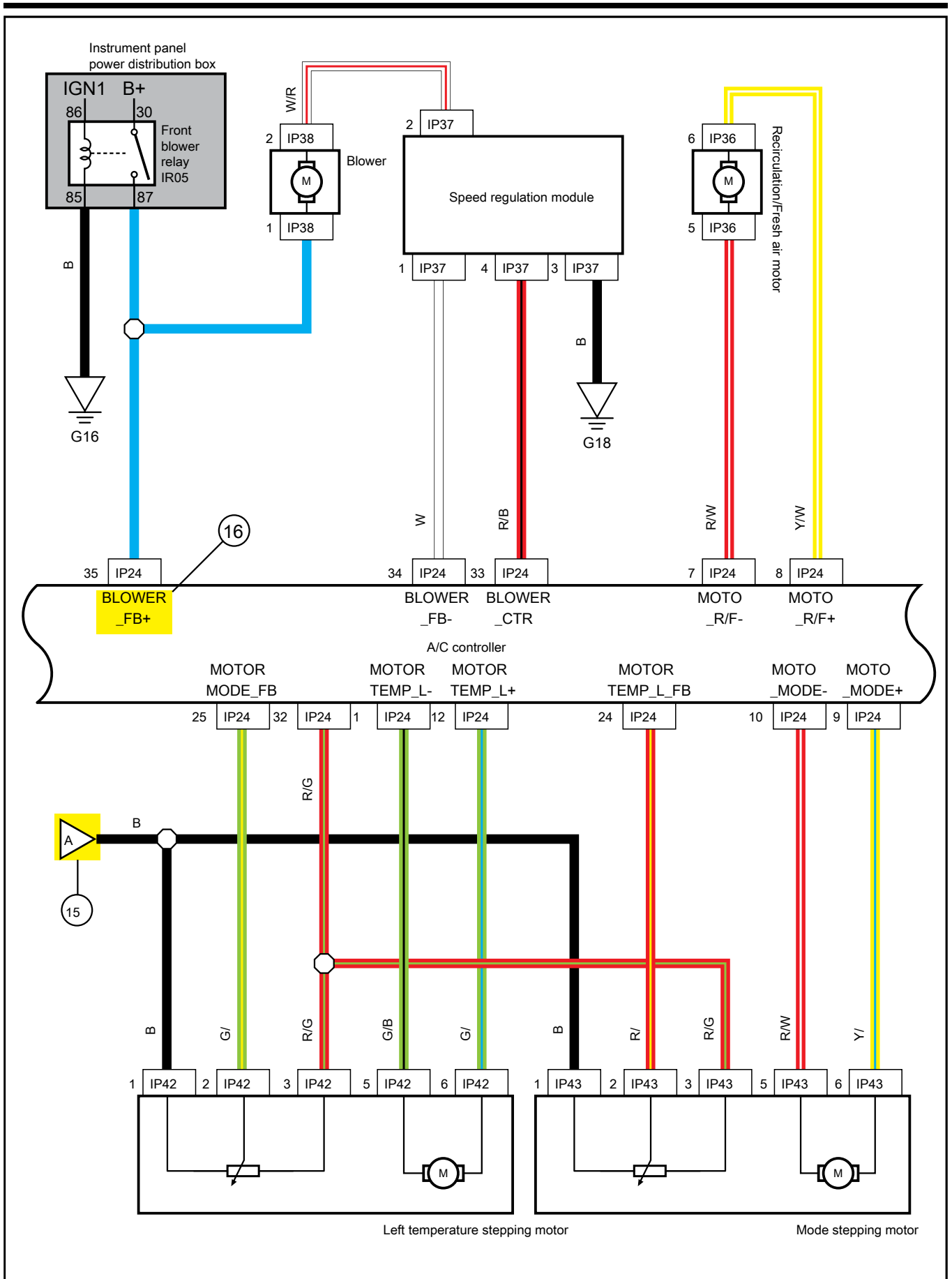
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1 System name.

2 Harness connector number.

The numbering rules of the harness connectors in this circuit diagram are based on the harness. For example, the VCM harness connector in the engine compartment harness is numbered FB52, where FB is the harness code and 52 represents the connector serial number.

注意:





1 Refer to the harness layout of harness connector number details.

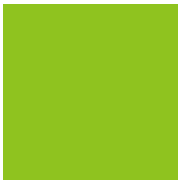
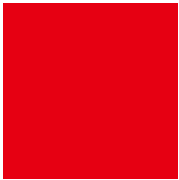
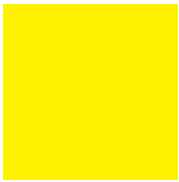

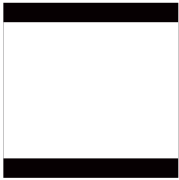
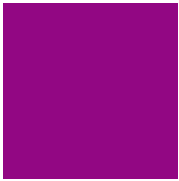
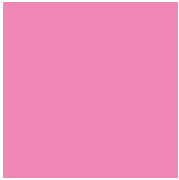
3 Part name.

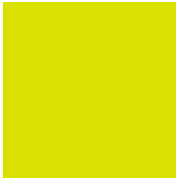
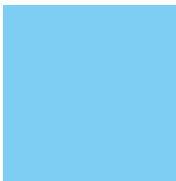
4 Display system information related to the circuit connection.

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

6 Display wire colour, and colour code is shown in the following table:

Colour code	Wire colour	Example
B	Black	
Gr	Grey	
Br	Brown	
L	Blue	

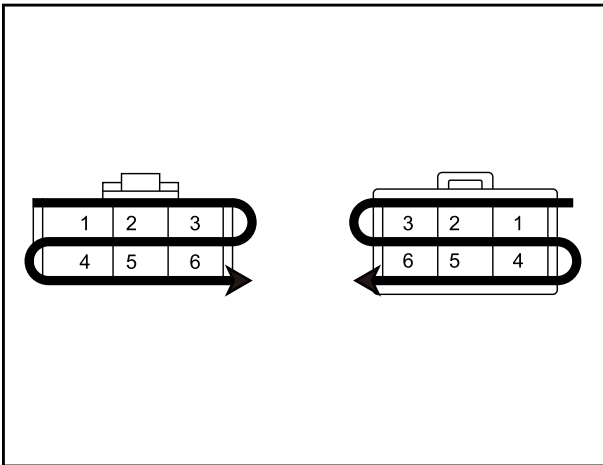
Colour code	Wire colour	Example
G	Green	
R	Red	
Y	Yellow	
O	Orange	
W	White	
V	Purple	
P	Pink	

Colour code	Wire colour	Example
Lg	Light green	
C	Light blue	

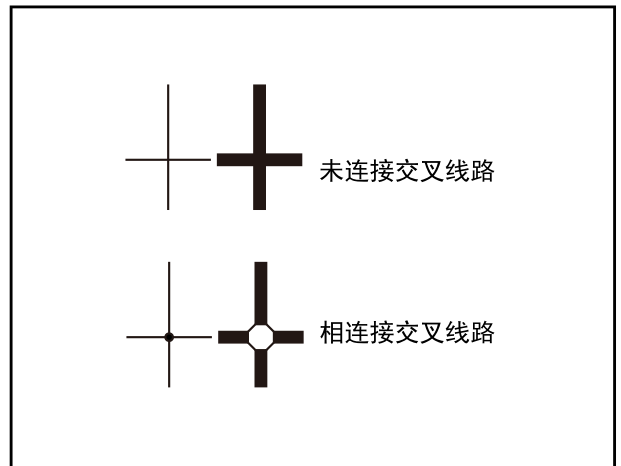
If the wire is a two-colour wire, the first letter represents the wire colour and the second letter represents the stripe colour, with "/" in between.

For example, the wire marked as G/B refers to a green background wire with black stripe.

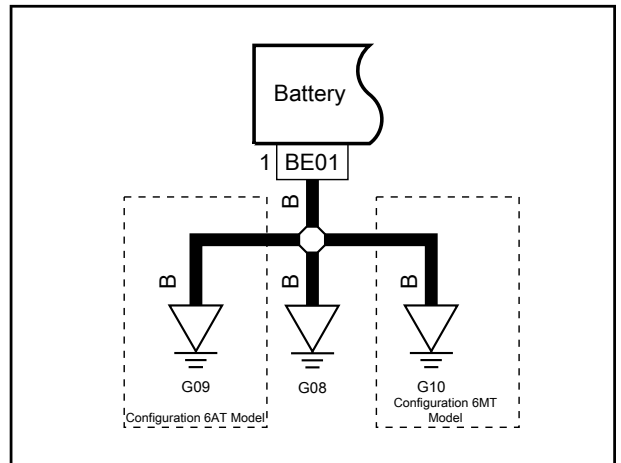
- 7 Display the number of connector terminals. Note that the terminal numbers of harness connectors connected to each other are mirror images of each other, as shown in the following figure:



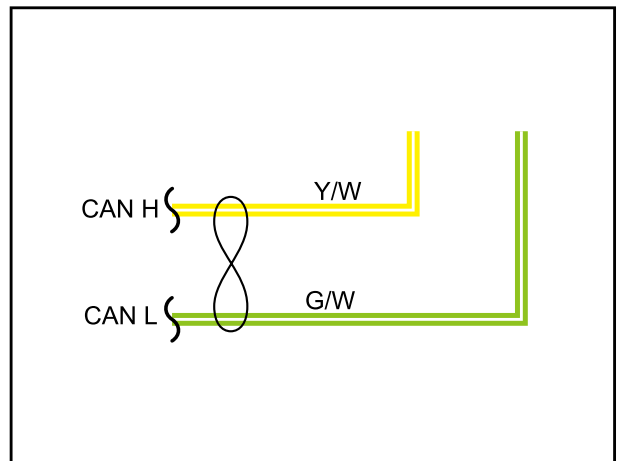
- 8 Number of GND point. All the GND points are indicated with the letter G. Refer to the GND points location diagram for details of GND points location.
- 9 Type of power supplied and fused.
- 10 Wire node.



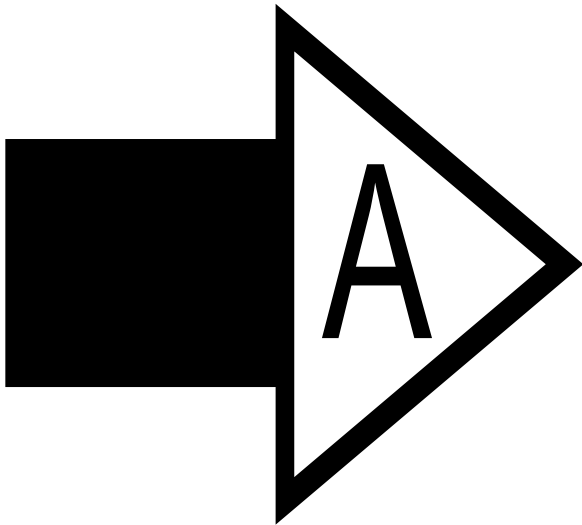
- 11 The fuse number is composed of the fuse code and serial number. Refer to the fuse list for details of the fuse number.
- 12 Relay number is indicated by a single English letter. Refer to the relay list for details.
- 13 If the relevant circuit designs are different due to different vehicle models or configurations, they shall be marked with dotted lines in the electrical diagram and instructions shall be added beside the electrical diagram.



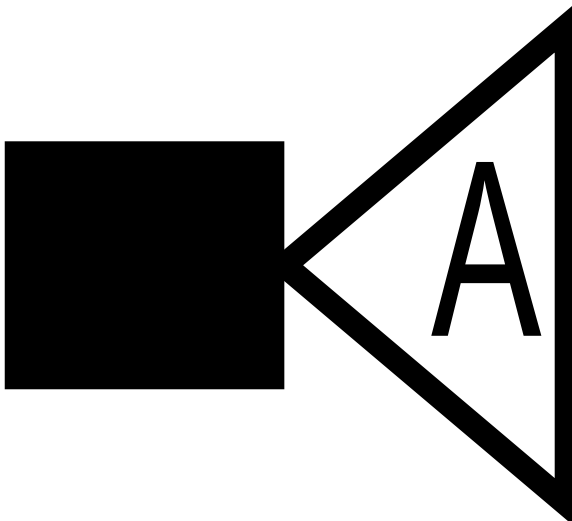
- 14 If there is an 8-shaped mark between the circuit lines, it indicates that the circuit is a twisted pair and is mainly used as the signal circuit or data communication circuit of a sensor.



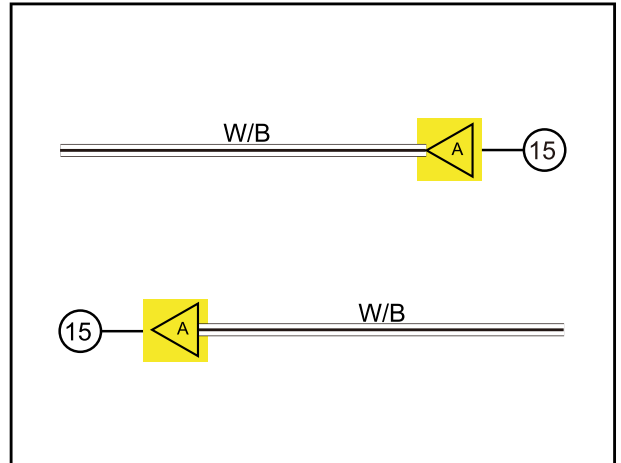
15 If there are many contents in a system and the line needs to be indicated on multiple pages, the starting point of the line is indicated by



, and the arrival point of the line by



. If more than one line in a diagram turns to the next page, it is indicated by letters B, C, and so on.




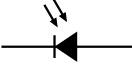
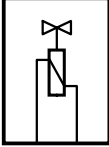
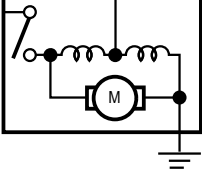


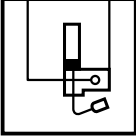


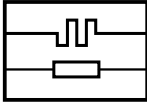

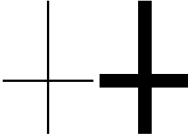
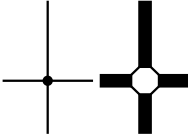



16 Terminal name.

Unless otherwise specified, the plug-in positions of all harness connectors shown on the drawing represent the incoming end.

Diagrams of Mark Symbols

	GND		NC relay		Battery
	Temperature sensor		NO relay		Capacitor
	Short connecting piece		Double-throw relay		Cigarette lighter
	Airbag		Resistor		Antenna
	Small-load fuse		Potentiometer		NO switch
	Medium-load fuse		Variable		NC switch
	Heavy-load fuse		Ignition coil		Double-throw switch
	Heater		Knock sensor		Ignition switch

	Diode		Bulb		Twisted
	Photodiode		Solenoid valve		Starter
	Light-emitting diode		Horn		Seat belt pretensioner
	Motor		Clock spring		Oxygen sensor
	Limit switch		Unconnected crossing circuit		Connected crossing circuit
	Shielded wire				

Fault diagnosis process

For circuit faults, check according to the following steps:

1 Confirm the customer's complaints

For correct maintenance, confirm the fault phenomenon described by the customer. Carefully check the relevant components to confirm the fault phenomenon and make records. It is not allowed to disassemble the components before the fault scope and cause are determined.

2 Circuit diagram reading and cause analysis

Analyze and judge the entire circuit of the faulty component from power supply to GND according to the subsystem circuit diagram, and determine the maintenance operation plan. If the maintenance operation plan cannot be determined, refer to the description of the system in the instructions and operations in the Service Manual to understand its working principle. At the same time, it is necessary to inspect other circuits shared with the faulty circuit, such as fuses, GND, switches, and other common system circuits as shown in the circuit diagram. Detect the common circuit that was not checked in step 1. If other components on the common circuit work normally, the fault lies in the circuits of the components themselves. If all components on the common circuit are faulty, the fuse or GND may be faulty.

3 Inspection of circuits and components

The circuit diagram should always be used in conjunction with the Service Manual, referring to the inspection procedures for circuits and components described in the manual. For circuits with module control, the components should be fully tested in combination with diagnostic testers. Effective fault diagnosis should be a logical and reasonable operation process. Fully combine the fault diagnosis process in the Service Manual and start the inspection from the most likely cause and the easiest component to check.

4 Troubleshooting

If a fault is found, refer to the description of the troubleshooting method in the circuit diagram and Service Manual. For example: the handling process for poor GND and the handling method of harness connectors.

5 Confirm the circuit working status

After maintenance, confirm that the fault has been eliminated, and recheck whether all functions are normal. If the fuse is blown, all circuits sharing the fuse shall be detected.

Voltage detection

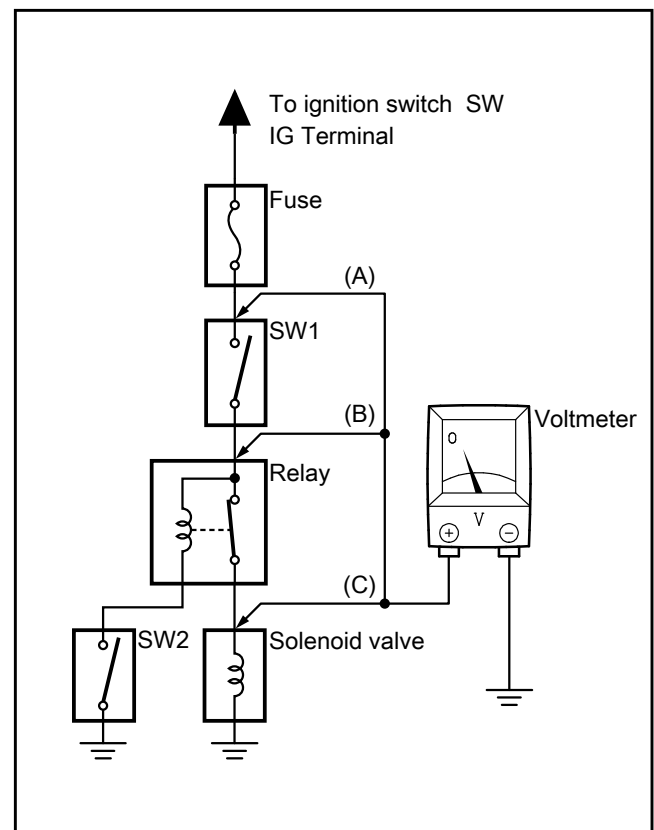
- 1 Establish measurement conditions at voltage measurement points.

For example:

1. The ignition switch SW is ON.
2. The ignition switch SW is ON and the switch SW1 is closed.
3. The ignition switch SW is at ON position, switch SW1 is closed, and the relay is on (i.e., switch SW2 is open).

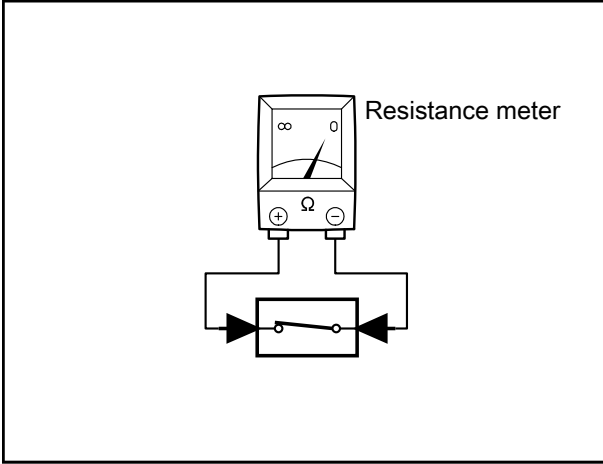
- 2 Connect the negative terminal of the voltmeter to a good GND point or to the negative terminal of the battery, and connect the positive terminal of the voltmeter to the terminal of the connector at the point to be measured.

Voltage detection can also be done by using a test light instead of a voltmeter.



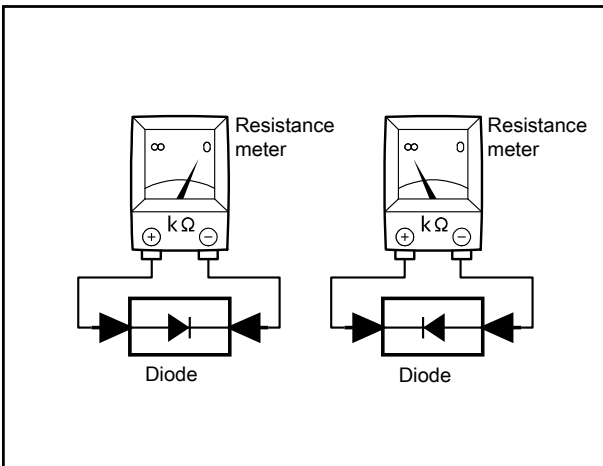
Circuit continuity and resistance detection

- 1 Disconnect the battery or electrical connection at the measurement point, and ensure that there is no voltage in the circuit to be measured.
- 2 Connect the two probes of the ohmmeter to both ends of the circuit to be measured respectively.

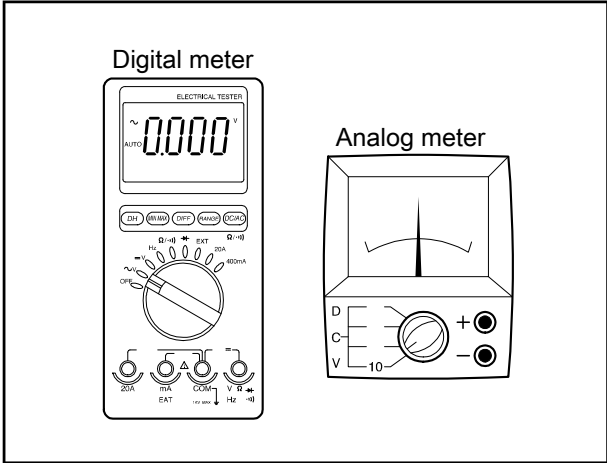


If there is a diode in the circuit, exchange the two probes and measure the resistance again. If the negative probe of the ohmmeter is connected to the positive terminal of the diode while the positive probe is connected to the negative terminal of the diode, the reading of the ohmmeter should be close to 0. Exchange the two probes and measure again. The reading of the ohmmeter should approach infinity.

If both of the above conditions are satisfied, the diode can work normally.



- 3 It is necessary to use a voltmeter and an ohmmeter with high internal resistance (above 10KΩ) for inspecting the circuit.



Short Circuit Detection

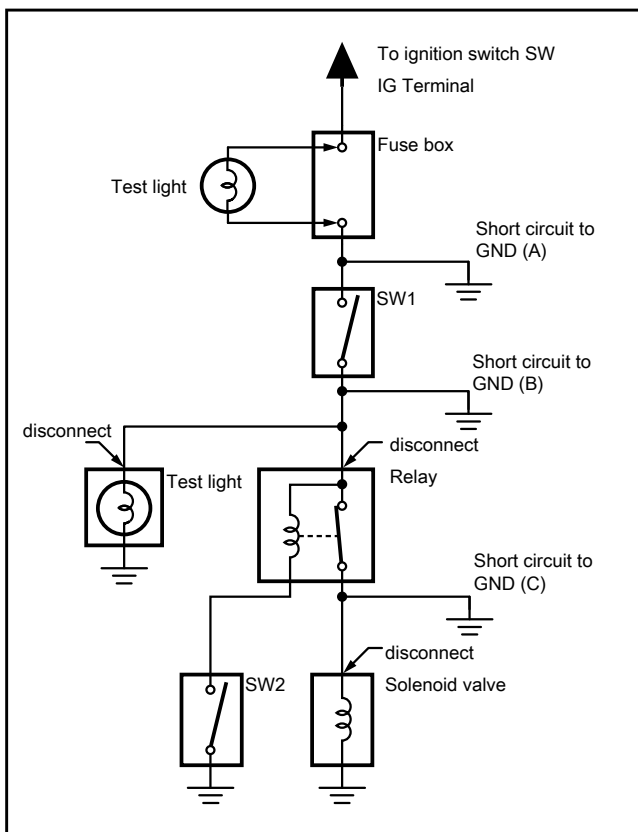
- 1 Remove the blown fuse and disconnect all loads from the fuse.
- 2 Connect a test light to both ends of the blown fuse box.
- 3 Establish the following test conditions. The test light should be on.

For example:

1. The ignition switch SW is ON.
2. The ignition switch SW is ON and the switch SW1 is closed.
3. The ignition switch SW is at ON position, switch SW1 is closed, and the relay is on (i.e., switch SW2 is open).
- 4 Disconnect and connect the two connectors of the test light, and observe whether the test light lights up. The short circuit point is located between the measuring point where the test light is on and the measuring point where it is not on.
- 5 Gently shake the faulty circuit to find the short circuit point.

警告:

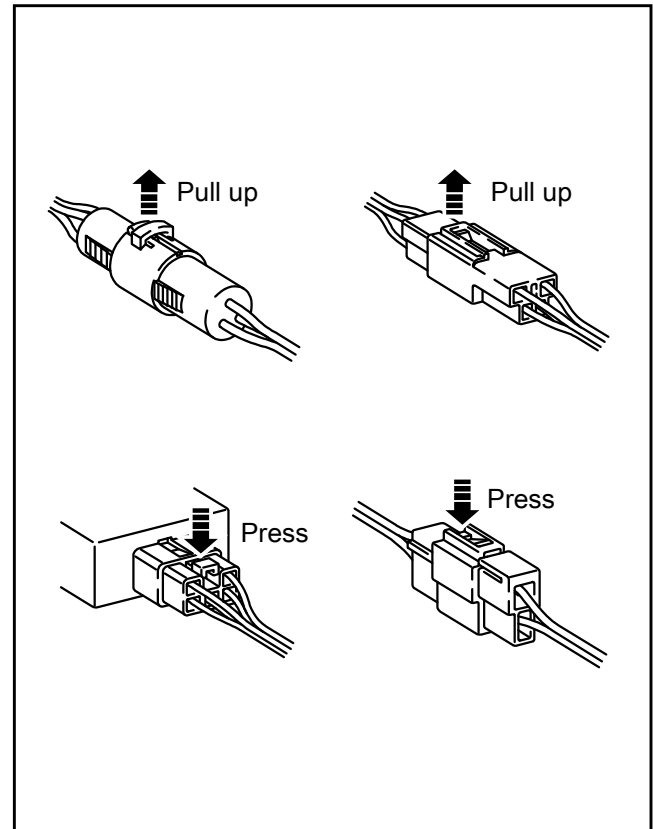
1. Do not open the ECU housing unless it is necessary. (If the integrated circuit pins on the ECU circuit board are touched, the integrated circuit may be damaged by static electricity.)
2. When replacing the internal mechanism of the digital instrument, ensure that no part of your body or clothing comes into contact with the leads of the replacement integrated circuit.



Disconnecting the connector

When disconnecting a connector, pull the connector itself, not the harness.

Tip: Confirm the type of connector before disconnecting it.

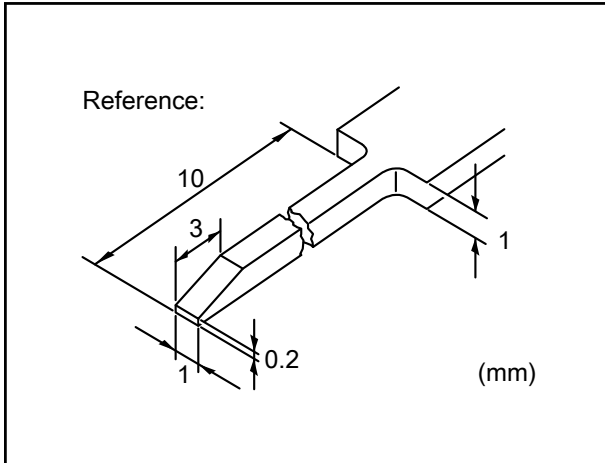


Replace terminal (with terminal holder or secondary locking device)

- 1 Prepare the special repair tool for harness terminal.

Note: To remove the harness terminal, use the special terminal repair tool or a similar object as shown in the Fig. on the left.

- 2 Disconnect the connector.

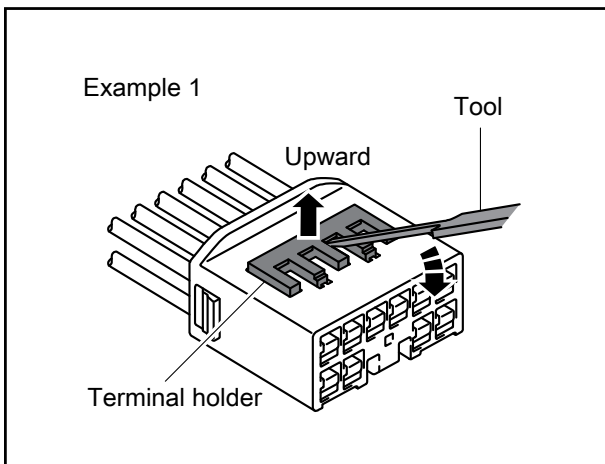


- 3 Release the secondary locking device or terminal holder.

1. The locking device must be released before releasing the terminal lock tab and removing the terminal from the connector.
2. Use a special tool to release the secondary locking device or terminal holder.

注意:

Do not remove the terminal holder from the connector.

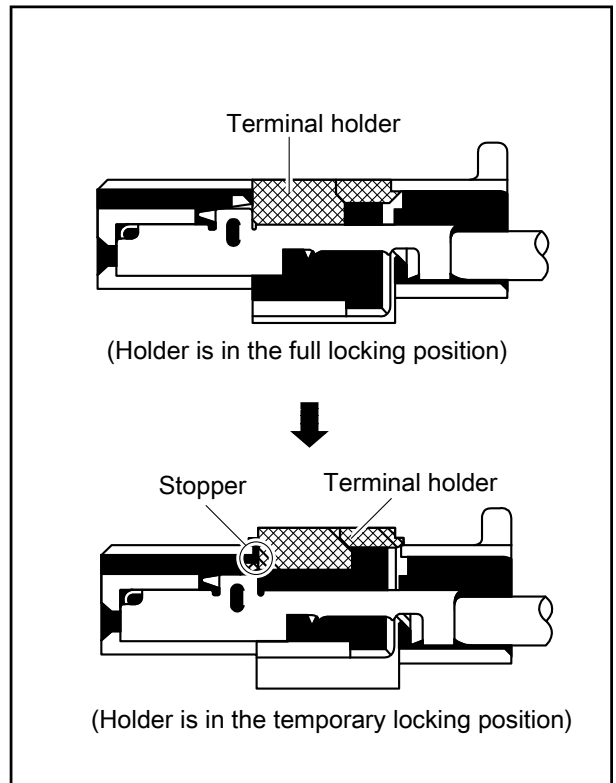


A. Non-waterproof connector

Tip: The position where the tool is inserted varies with the shape of the connector, such as number of the terminals. Check the insertion position before inserting the tool.

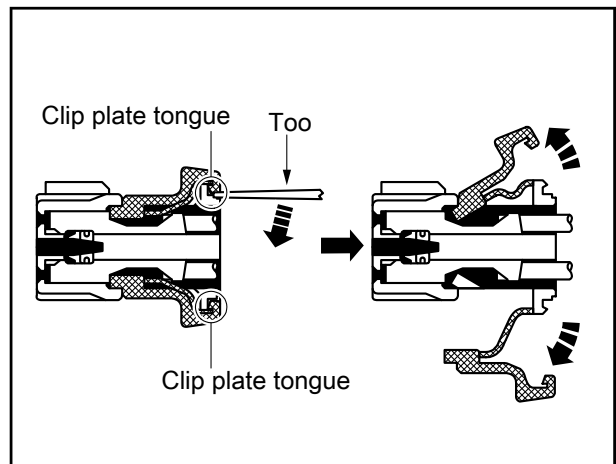
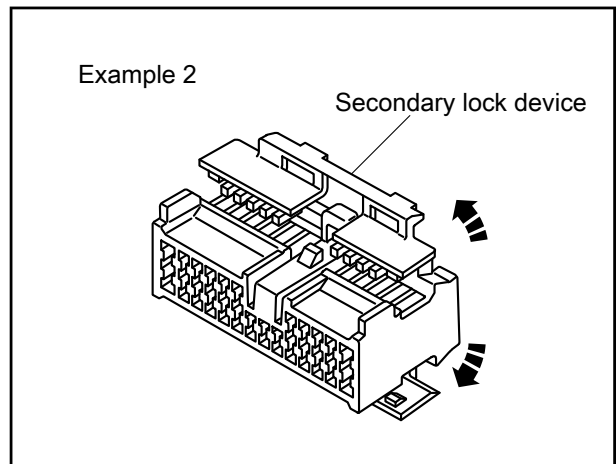
Example 1

Pull the terminal holder up to the temporary locking position.



Example 2

Open the secondary lock device.

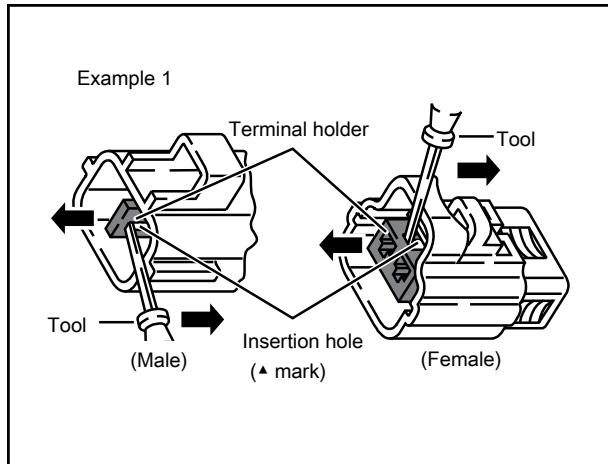


B. Waterproof connector

Tip: The colour of terminal holder varies with different connectors.

For example:

Terminal holder	Connector
Black or white	Grey
Black or white	Dark grey
Grey or white	Black

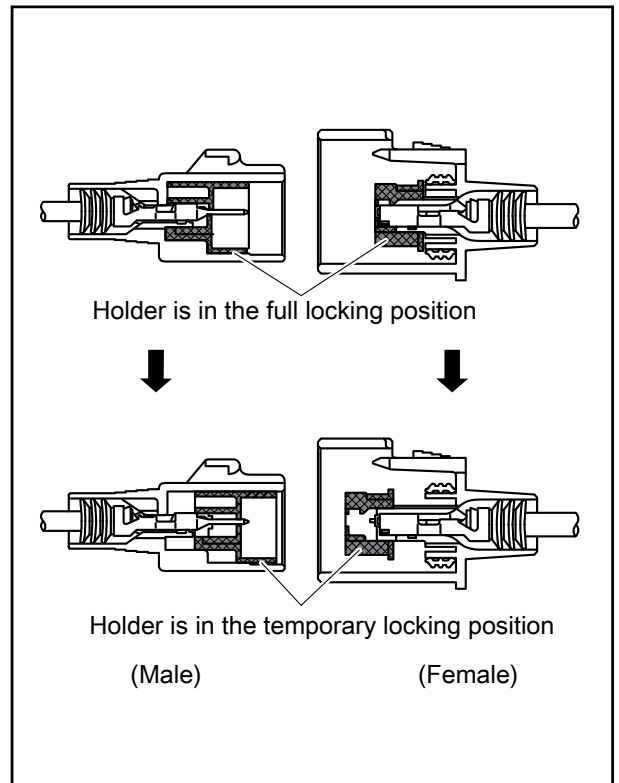


Example 1

The terminal holder can be pulled up to the temporary locking position (pull type).

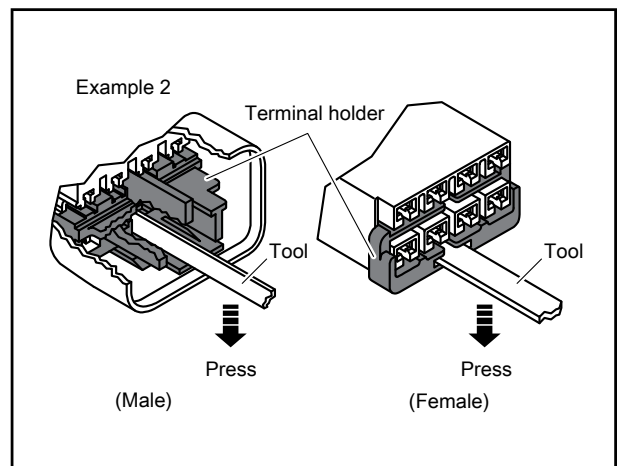
Insert the special tool into the insertion hole (Y mark) of terminal holder, and pull the terminal holder up to the temporary locking position.

Tip: The position where the tool is inserted varies with the shape of the connector, such as number of the terminals. Check the insertion position before inserting the tool.

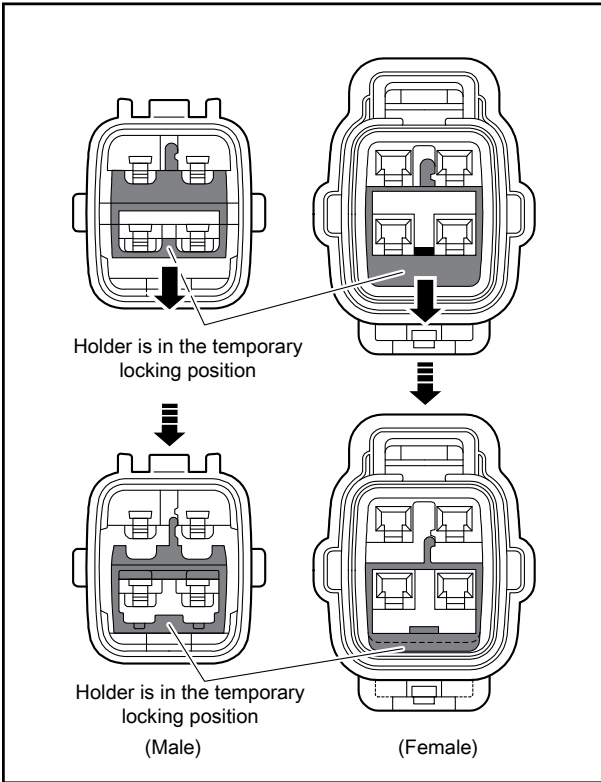


Example 2

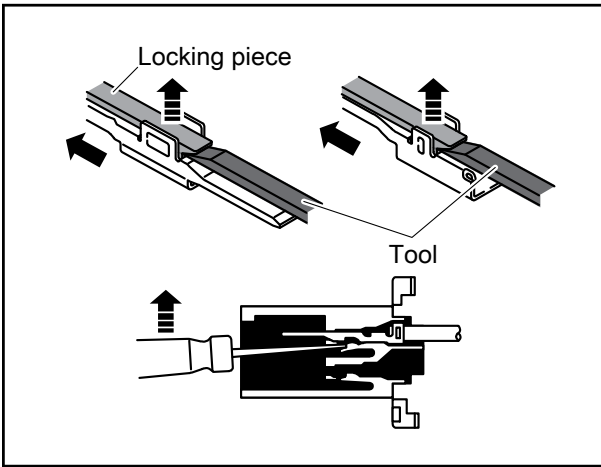
The terminal holder cannot be pulled up.



Press down the terminal holder to the temporary locking position.



C. Release the terminal locking plate and pull out the terminal in a backward direction.

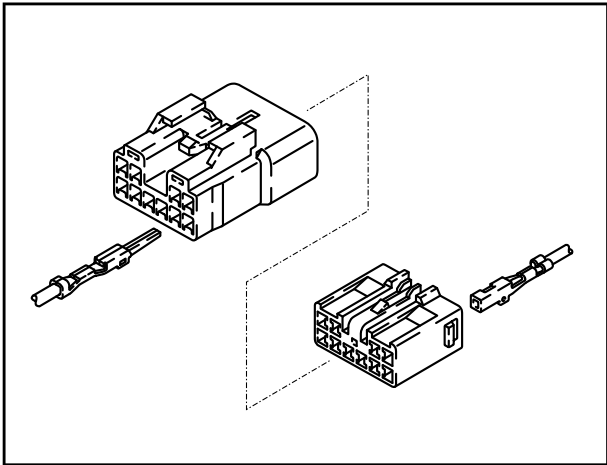


4 Install the terminal.

A. Insert the terminal.

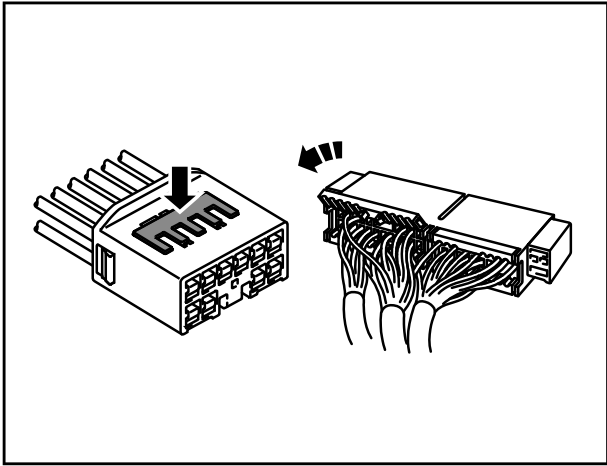
Note:

1. Make sure that the terminal is correctly aligned with the socket.
2. Insert the terminal into the terminal holder until the locking plate locks the terminal.
3. Insert the terminal holder to the temporary locking position of the connector.



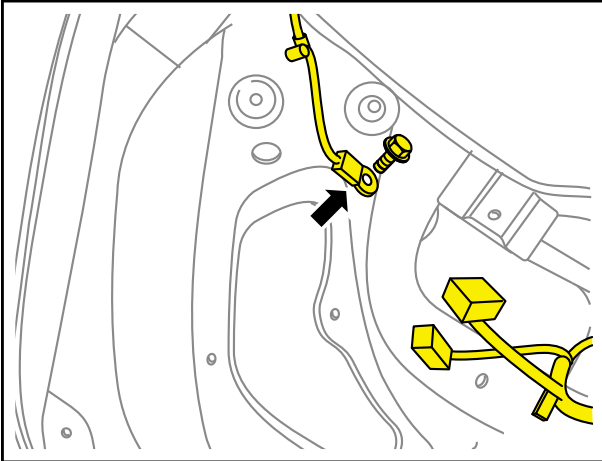
B. Push the secondary lock device to full locking position.

5 Connect the harness connector.

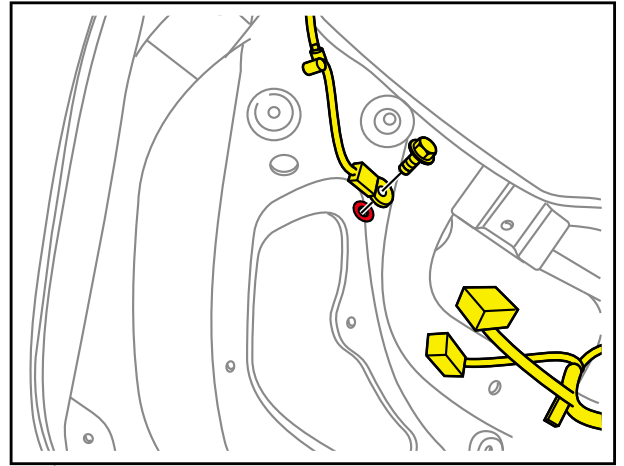


Treatment process of poor GND

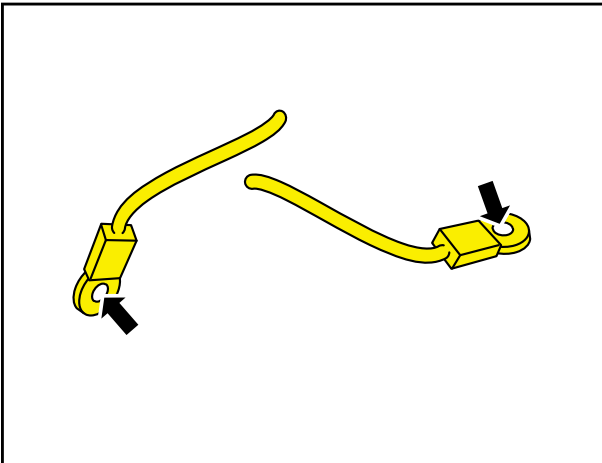
- 1 Remove the bolt at the GND point.



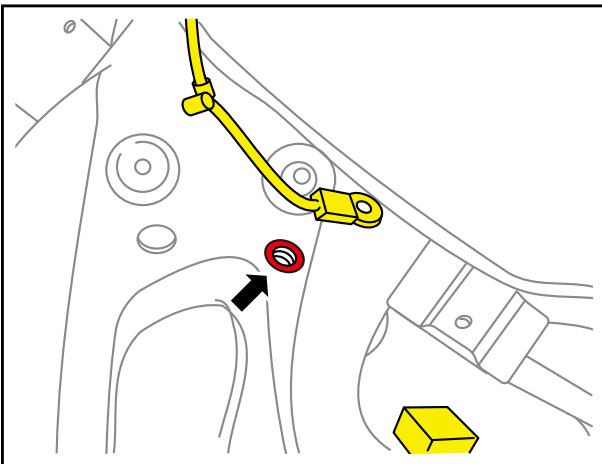
Torque: M8 bolt: 20N·m



- 2 Clean both contact surfaces of the GND copper ring at harness side (including body side and bolt side) with a coarse abrasive cloth until oxide is fully removed.



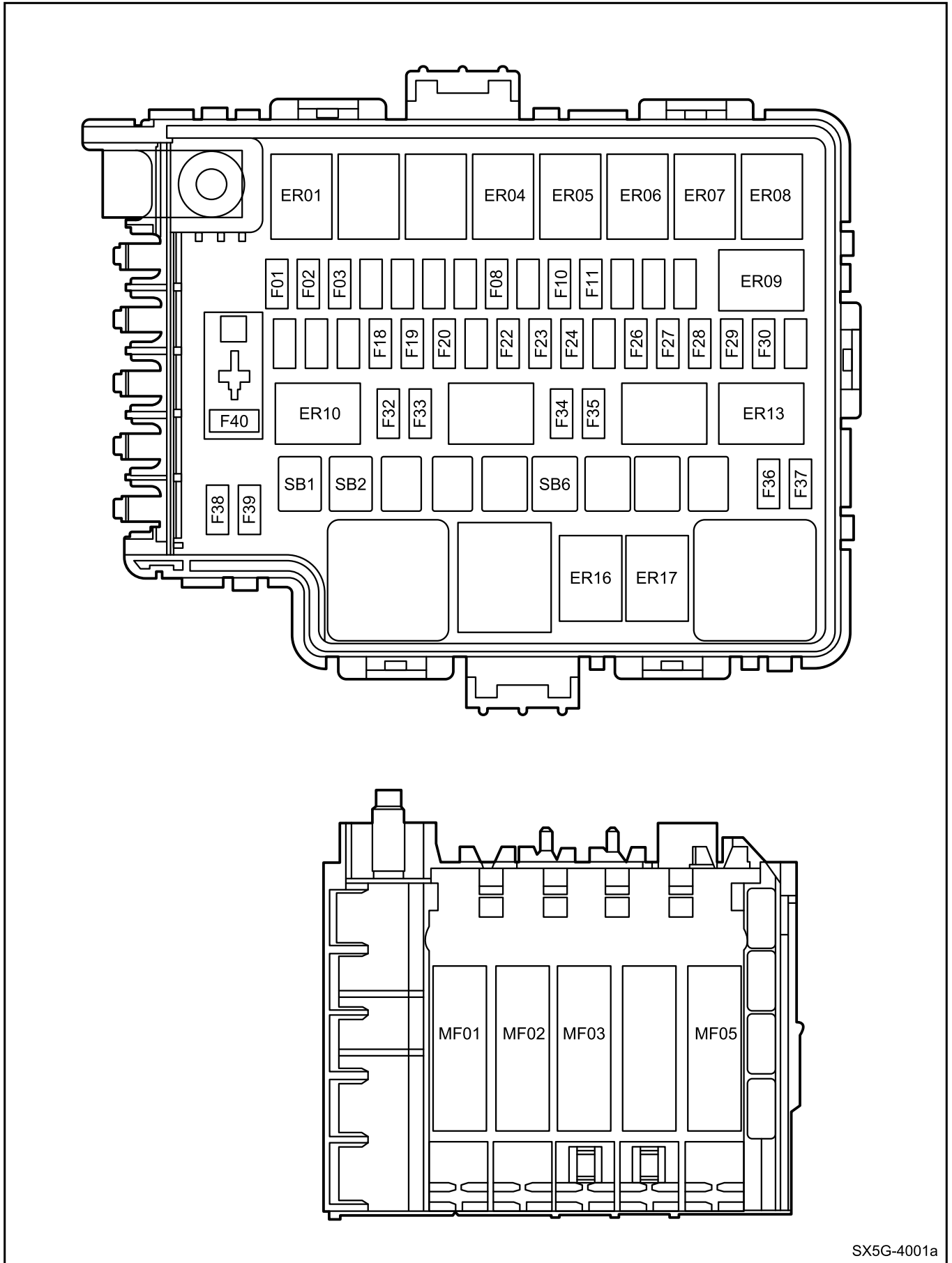
- 3 Clean the body side GND point with the coarse abrasive cloth until the surface is fully cleaned.



- 4 Mount the GND point harness and the fixing bolt, and tighten them according to the specified torque.

Torque: M6 bolt: 8N·m

Layout drawing of front engine compartment fuses and relays



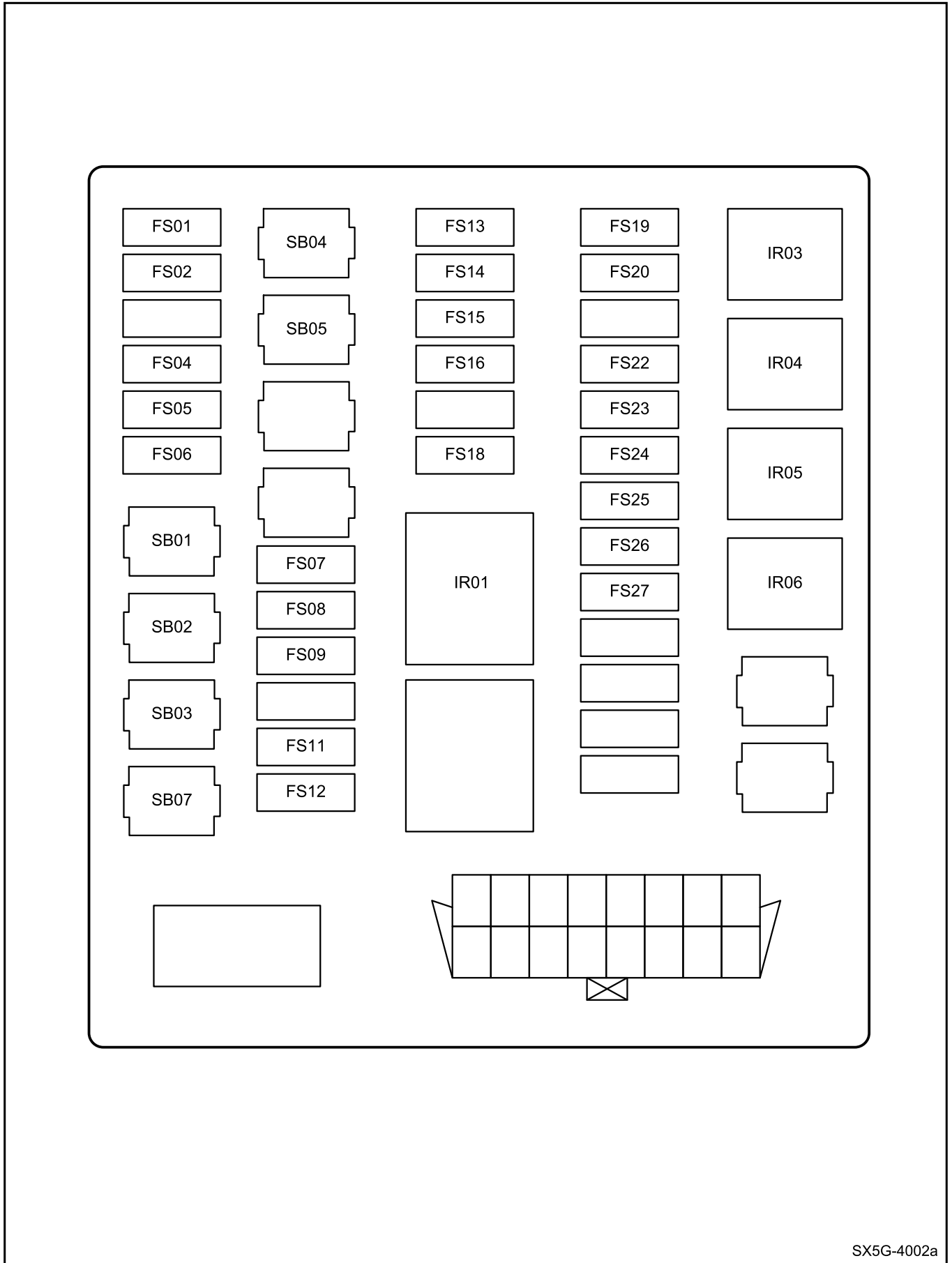
List of front engine compartment fuses

No.	Name	Rated current(ampere)	Description
F01	Fuel injector fuse	10A	-
F02	Ignition coil fuse	15A	-
F03	ECU 1 fuse	15A	-
F08	Fuel pump fuse	15A	-
F10	ECU IGN1 fuse	5A	-
F11	PDU IGN1 fuse	5A	-
F18	ECU 2 fuse	15A	-
F19	OBC fuse	10A	-
F20	European standard charging port cap lock detection fuse	5A	-
F22	Relay coil fuse	5A	-
F23	Wiper INT fuse	20A	-
F24	BMS fuse	15A	-
F26	Horn fuse	15A	-
F27	Reversing light fuse	10A	-
F28	M/C relay fuse	20A	-
F29	PTC coolant pump fuse	15A	-
F30	Compressor fuse	10A	-
F32	Left low beam fuse	7.5A	-
F33	Right low beam fuse	7.5A	-
F34	Left high beam fuse	7.5A	-
F35	Right high beam fuse	7.5A	-
F36	Drive coolant pump fuse	15A	-
F37	BMS coolant pump fuse	15A	-
F38	Audio head unit fuse	25A	-
F39	ADASfuse	10A	-
F40	Shipping fuse	30A	-
MF01	Battery positive fuse	125A	-
MF02	EPS fuse	60A	-
MF03	Electronic fan fuse	60A	-
MF05	Fuse of instrument panel fuse box	50A	-
SB1	EHB B+1 fuse	60A	-
SB2	Front blower fuse	40A	-
SB6	EHB B+2 fuse	60A	-

List of front engine compartment relays

No.	Name	Description
ER01	Main relay	-
ER04	Fuel pump relay	-
ER05	Low beam relay	-
ER06	High beam relay	-
ER07	Reversing light relay	-
ER08	Wiper intermittent relay	-
ER09	Compressor relay	-
ER10	Front blower relay	-
ER13	PTC coolant pump relay	-
ER16	M/C relay	-
ER17	Horn relay	-

Layout drawing of interior fuse and relay



SX5G-4002a

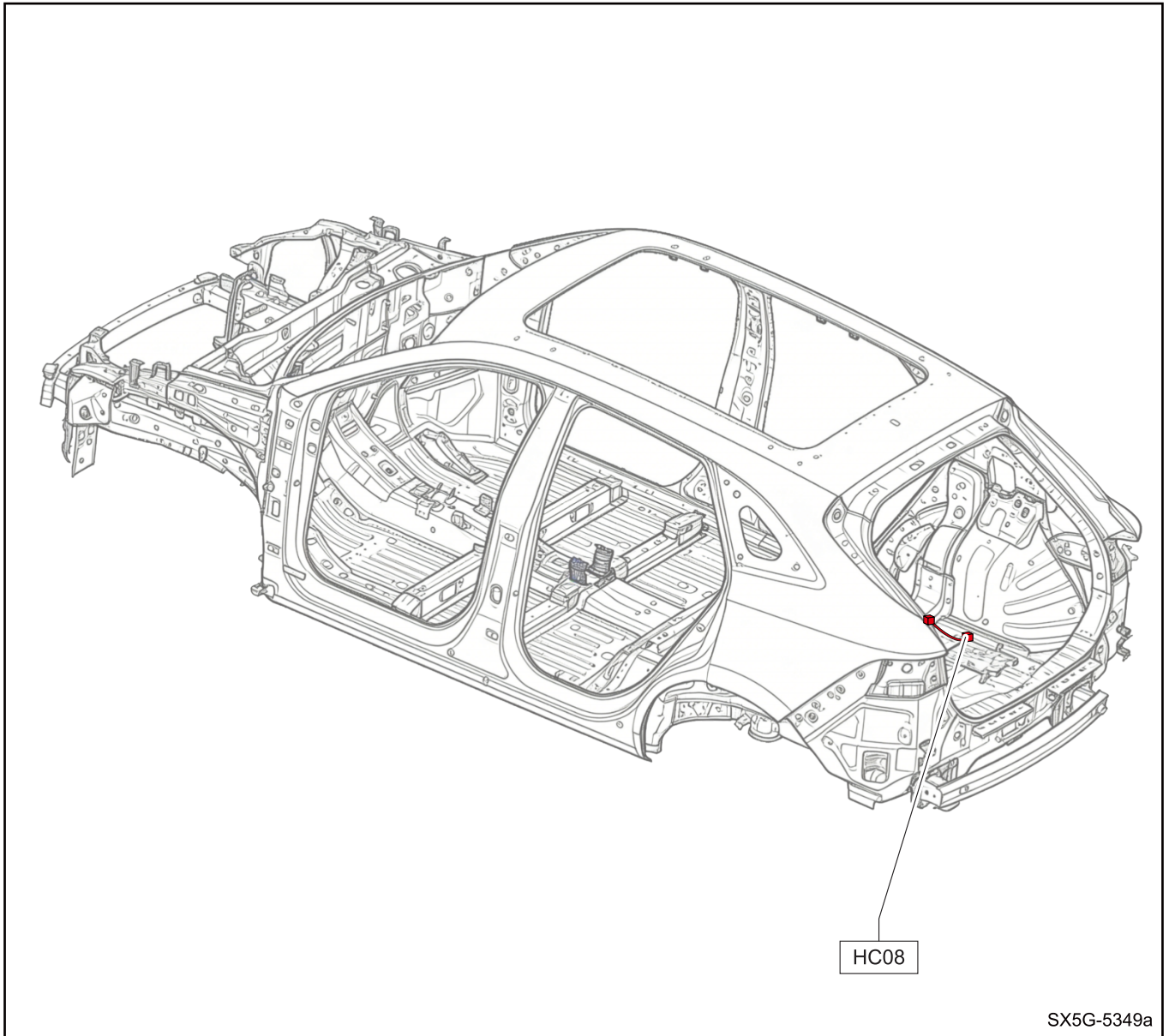
List of interior fuses

No.	Name	Rated current(ampere)	Description
FS01	MCU fuse	15A	-
FS02	Rear demister fuse	25A	-
FS04	Body B+ fuse	10A	-
FS05	Exterior light fuse	20A	-
FS06	Instrument cluster 1 fuse	10A	-
FS07	Interior light fuse	10A	-
FS08	Sunroof fuse	20A	-
FS09	Front seat fuse	20A	-
FS11	A/C controller fuse	10A	-
FS12	EVCC fuse	10A	-
FS13	SRS fuse	10A	-
FS14	A/C system fuse	7.5A	-
FS15	Instrument cluster 2 fuse	7.5A	-
FS16	Engine compartment IGN1 fuse	15A	-
FS18	Instrument IGN2 fuse	10A	-
FS19	Backlight fuse	5A	-
FS20	Position light/license plate light fuse	10A	-
FS22	Instrument ACC 1 fuse	10A	-
FS23	Seat ventilation fuse	10A	-
FS24	External power supply 1 fuse	15A	-
FS25	External power supply 2 fuse	10A	-
FS26	Blower feedback fuse	5A	-
FS27	Rear demister feedback fuse	5A	-
SB01	Ignition switch fuse	30A	-
SB02	Door lock fuse	20A	-
SB03	Left door control module fuse	30A	-
SB04	Right door control module fuse	30A	-
SB05	Power seat fuse	25A	-
SB07	Front and rear wiper fuse	20A	-

List of interior relays

No.	Name	Description
IR01	ACC-1 relay	-
IR03	IGN1 relay	-
IR04	IGN2 relay	-
IR05	Rear demister relay	-
IR06	ACC-2 relay	-

Layout drawing of battery negative harnesses

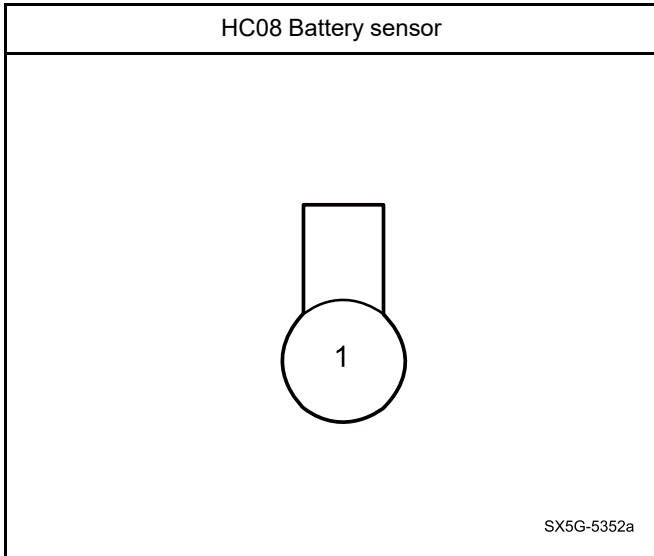


SX5G-5349a

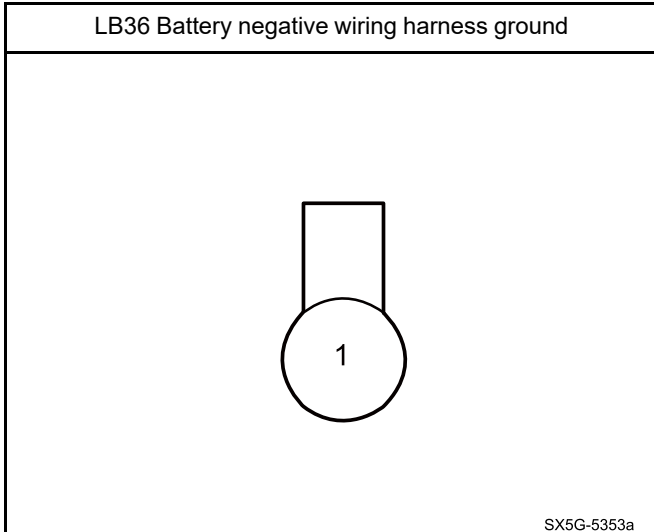
List of battery negative connectors

Harness connector	Name	Harness connector	Name
HC08	Battery sensor	LB36	Battery negative wiring harness ground

Battery negative terminal definition

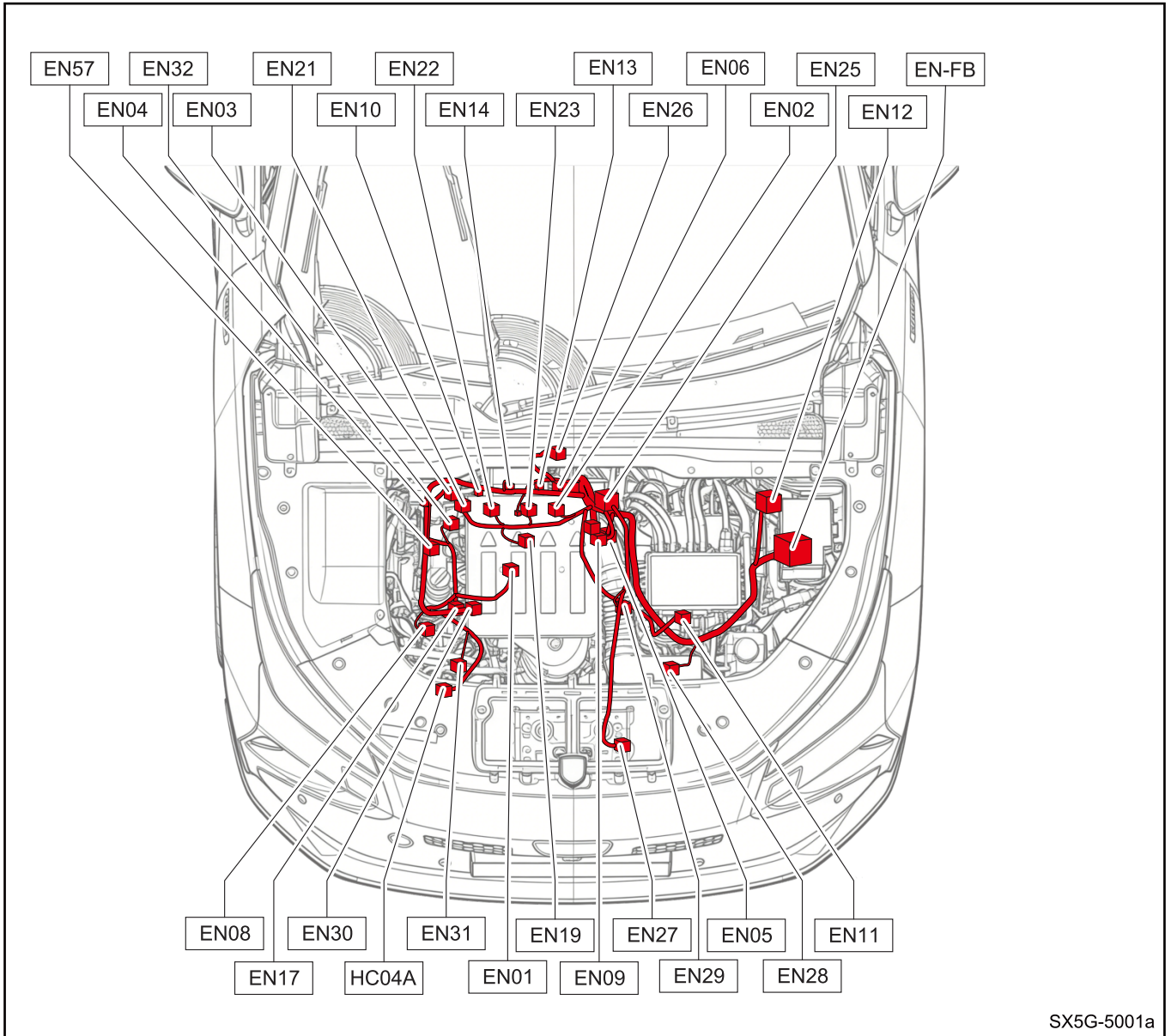


1	Sensor GND	-	-
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1	GND	-	-
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Layout drawing of engine harnesses

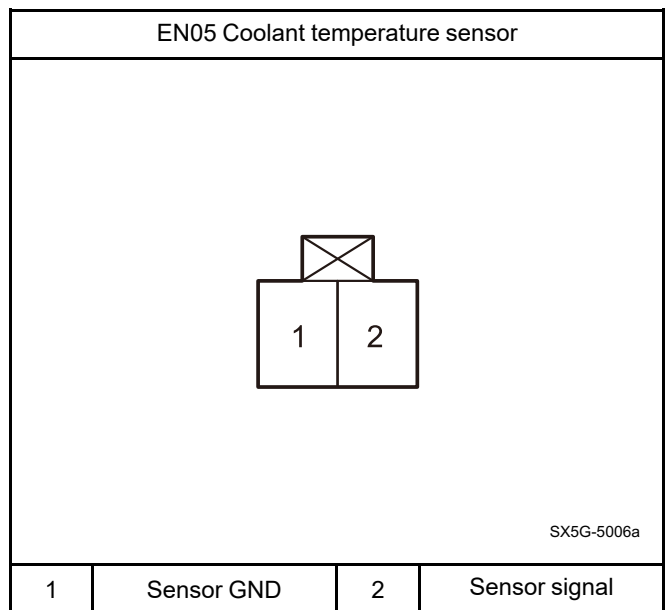
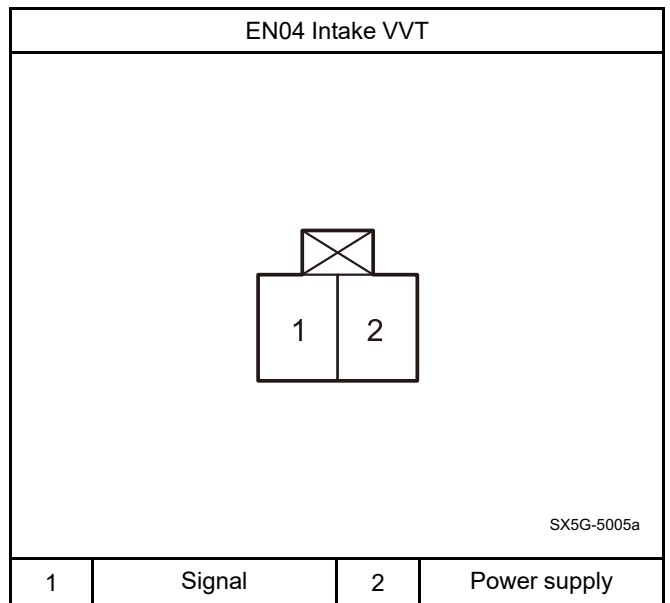
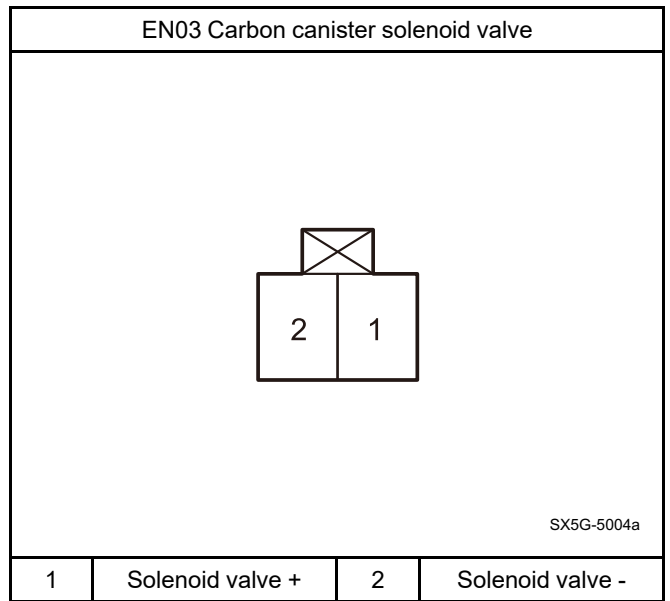
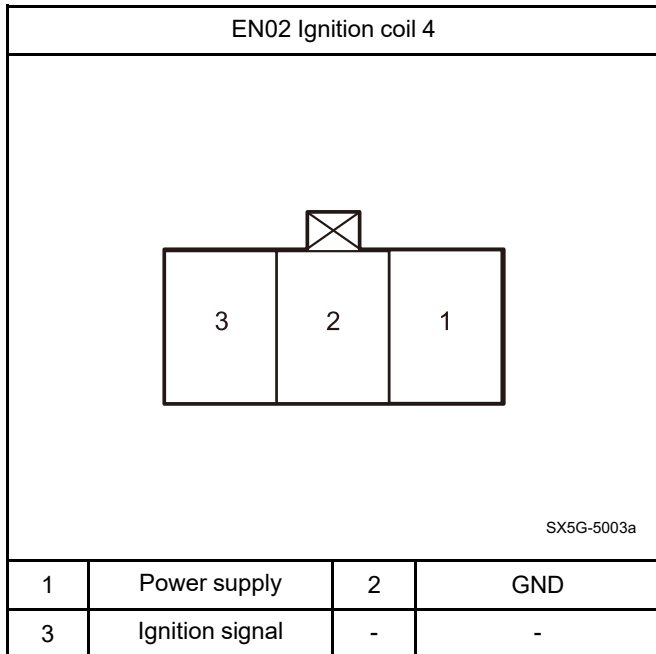
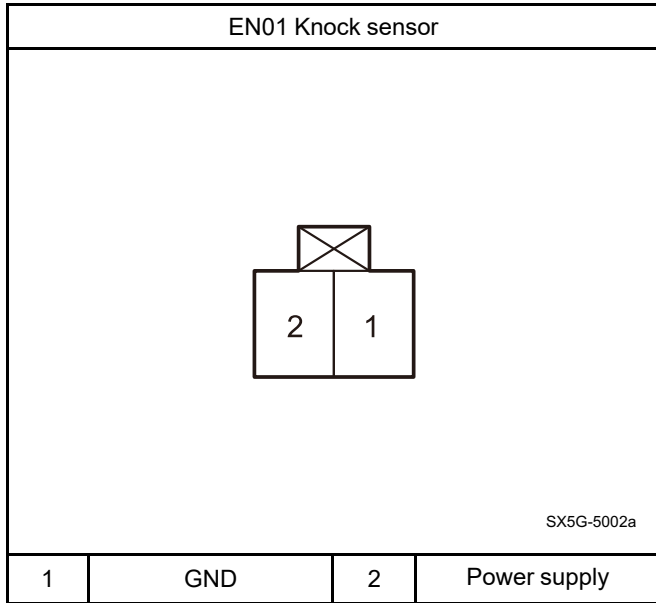


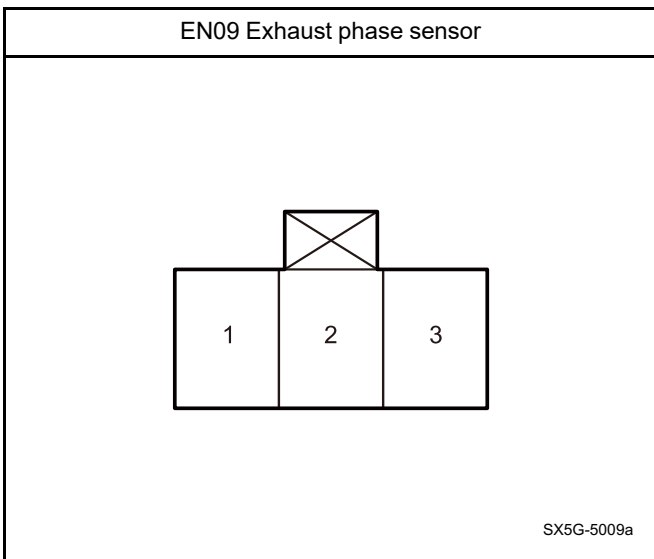
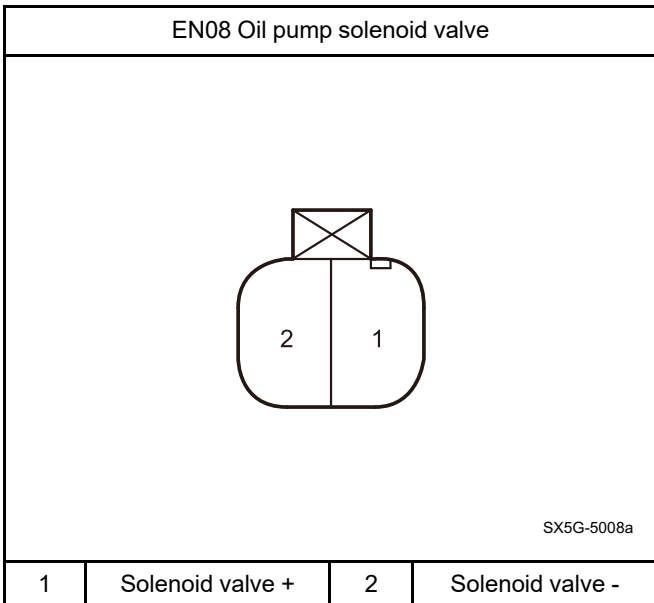
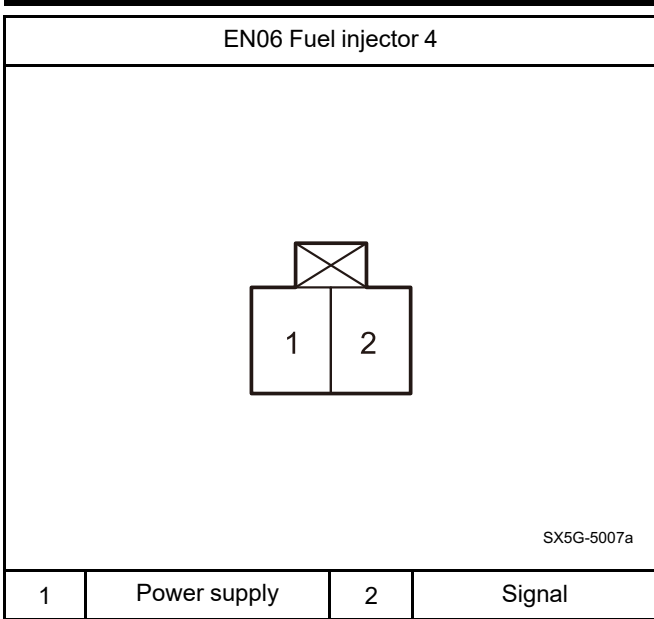
SX5G-5001a

List of engine harness connectors

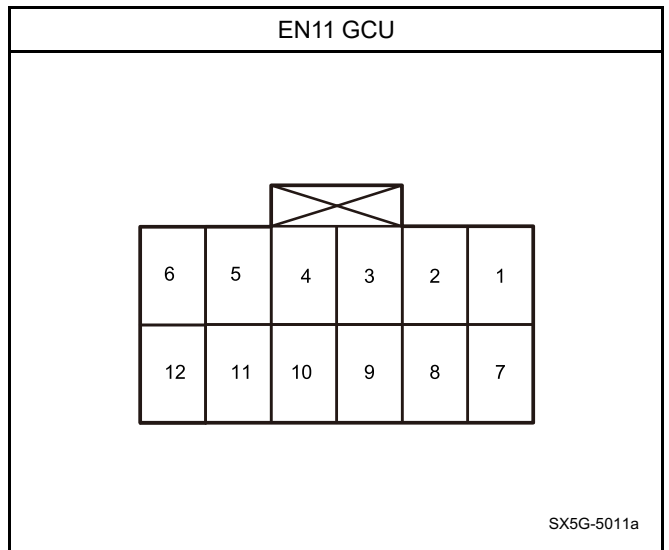
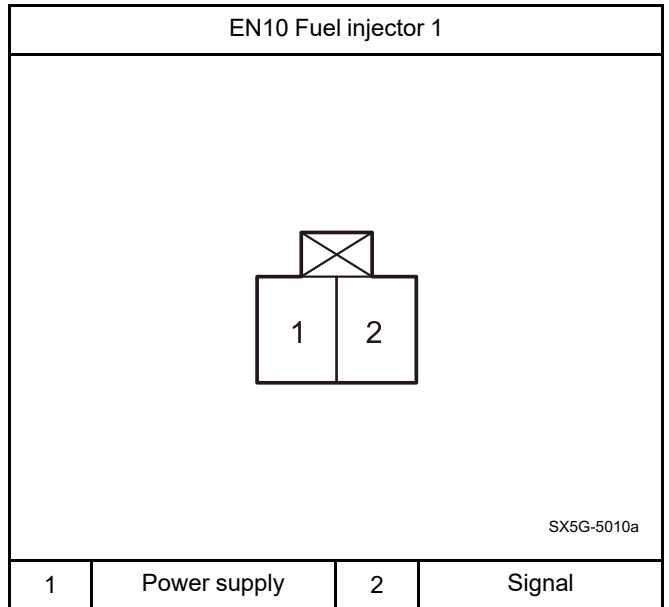
Harness connector	Name	Harness connector	Name
EN01	Knock sensor	EN21	Ignition coil 1
EN02	Ignition coil 4	EN22	Ignition coil 2
EN03	Carbon canister solenoid valve	EN23	Ignition coil 3
EN04	Intake VVT	EN25	Intake phase sensor
EN05	Coolant temperature sensor	EN26	Electronic throttle
EN06	Fuel injector 4	EN27	Heater coolant pump
EN08	Oil pump solenoid valve	EN28	A/C water temperature sensor
EN09	Exhaust phase sensor	EN29	Four-way coolant valve
EN10	Fuel injector 1	EN30	Rear oxygen sensor
EN11	GCU	EN31	Oil pressure sensor
EN12	ECU-A	EN32	MAT and MAP sensors
EN13	Fuel injector 3	EN35	Ignition coil GND point
EN14	Fuel injector 2	EN57	Exhaust VVT
EN17	Speed sensor	EN-FB	Engine wiring harness-engine compartment wiring harness
EN19	Front oxygen sensor	HC04A	Compressor

Definition of engine harness terminal

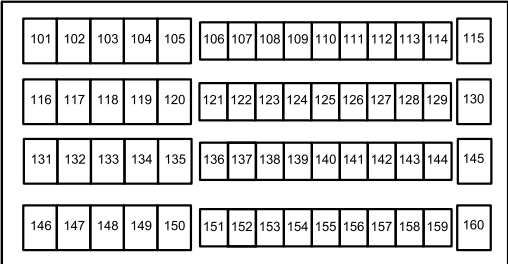




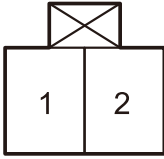
1	Sensor GND	2	Sensor signal
3	Sensor power supply	-	-

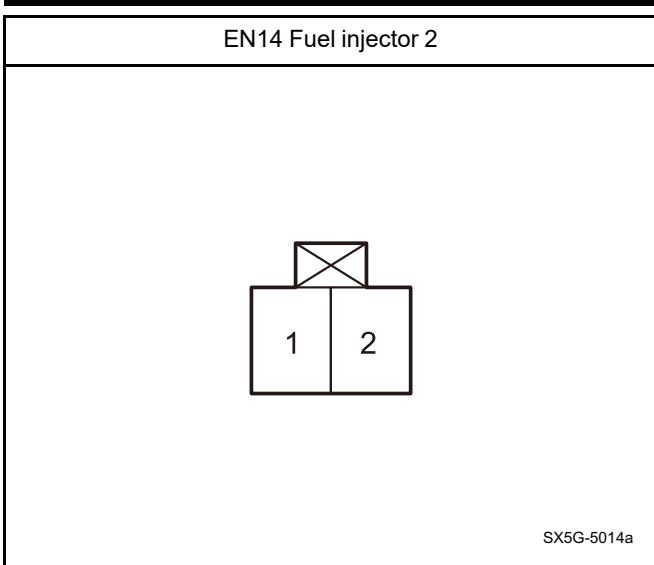


1	-	2	-
3	GND	4	GND
5	Power supply	6	Power supply
7	Wake-up signal	8	Powertrain CAN_H
9	Powertrain CAN_L	10	-
11	-	12	-

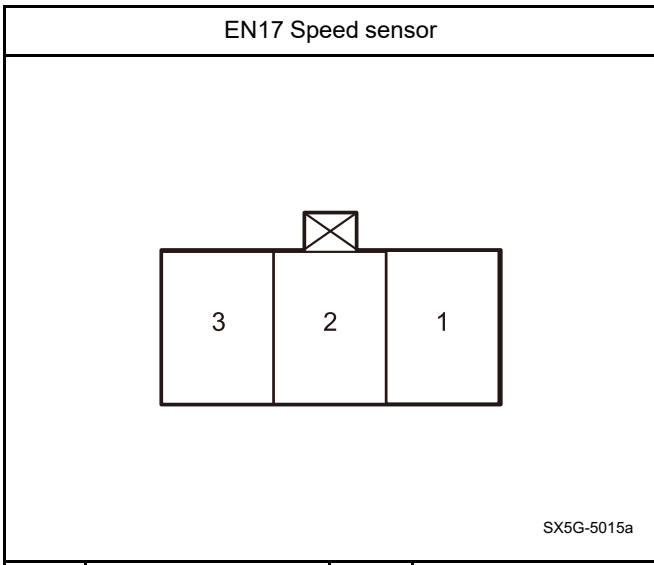
EN12 ECU-A			
			
SX5G-5012a			
101	-	102	-
103	Cylinder 4 ignition signal	104	Cylinder 1 ignition signal
105	Cylinder 2 ignition signal	106	Crankshaft position sensor 5 V power supply
107	Crankshaft position sensor GND	108	Intake air temperature and pressure sensor ground
109	-	110	Crankshaft position sensor signal
111	-	112	-
113	-	114	Fuel spray nozzle 1 signal
115	Electronic throttle motor -	116	-
117	-	118	Intake temperature and pressure sensor 5V power supply
119	Sensor power supply	120	Cylinder 3 ignition signal
121	-	122	Sensor GND
123	Intake temperature sensor signal	124	Coolant temperature sensor signal
125	Intake pressure sensor signal	126	Electronic throttle position signal 1
127	Electronic throttle position SIG 2	128	-
129	Fuel spray nozzle 3 signal	130	Electronic throttle motor +

131	-	132	-
133	-	134	-
135	-	136	Electronic throttle ground
137	-	138	-
139	Knock sensor power	140	Knock sensor ground
141	-	142	Intake camshaft position sensor signal
143	Exhaust camshaft position sensor signal	144	Exhaust VVT signal
145	-	146	-
147	-	148	-
149	-	150	-
151	-	152	-
153	-	154	-
155	-	156	-
157	High-voltage interlocking	158	Intake VVT valve signal
159	M/C relay control	160	-

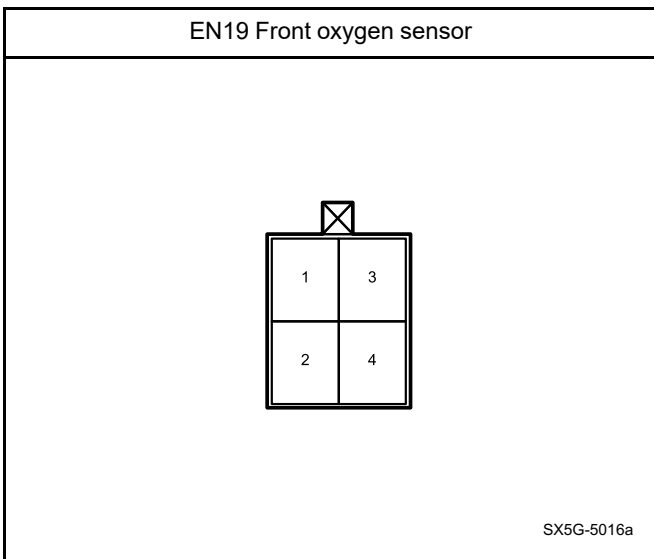
EN13 Fuel injector 3			
			
SX5G-5013a			
1	Power supply	2	Signal



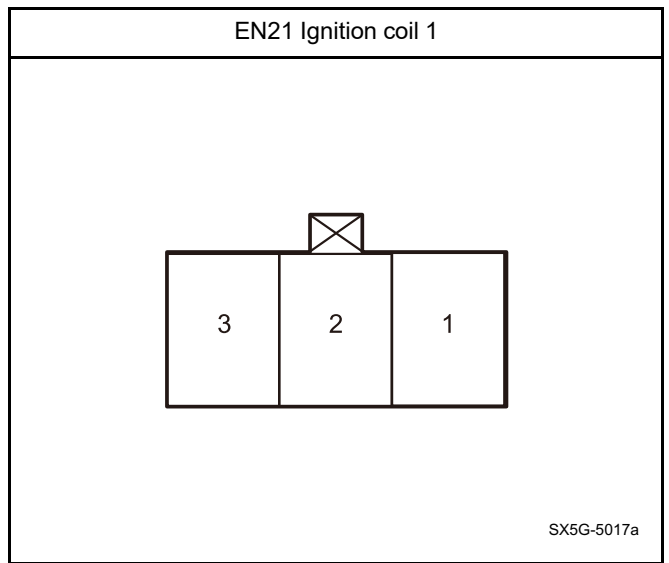
1	Power supply	2	Signal
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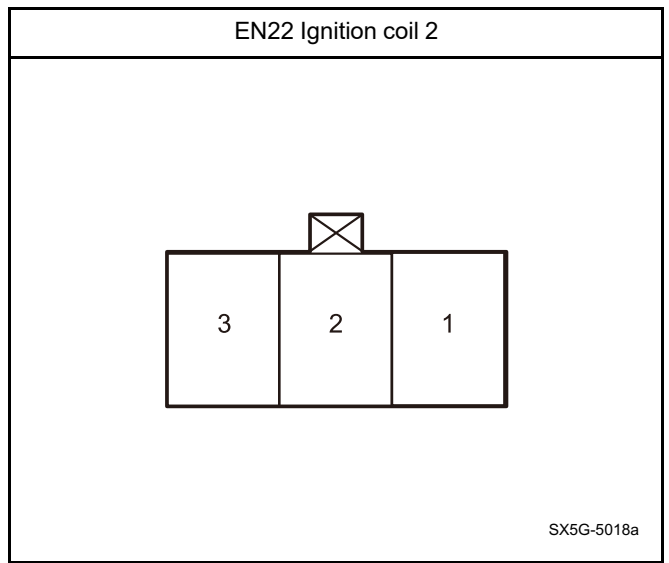
1	Sensor signal	2	Sensor GND
3	Sensor 5V power supply	-	-



1	Sensor signal	2	Sensor GND
3	Heating control	4	Sensor power supply



1	Power supply	2	GND
3	Ignition signal	-	-



1	Power supply	2	GND
3	Ignition signal	-	-

EN23 Ignition coil 3

SX5G-5019a

1	Power supply	2	GND
3	Ignition signal	-	-

EN26 Electronic throttle

SX5G-5021a

1	Motor -	2	GND
3	Power supply	4	Motor +
5	Position signal 1	6	Position signal 2

EN25 Intake phase sensor

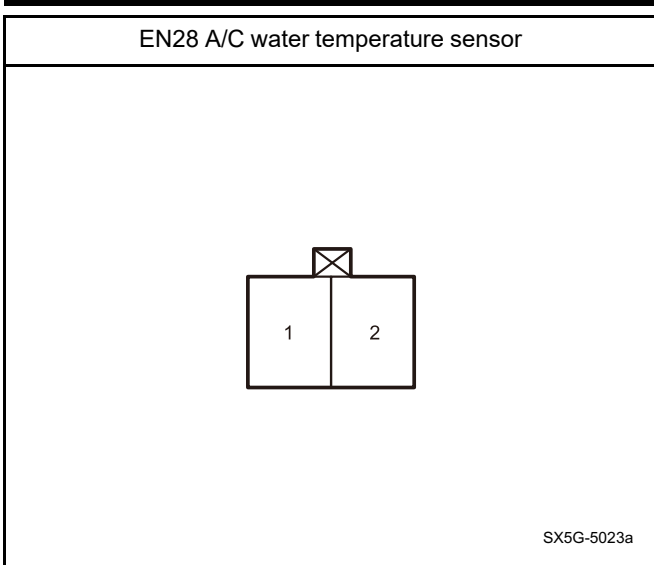
SX5G-5020a

1	Sensor GND	2	Sensor signal
3	Sensor power supply	-	-

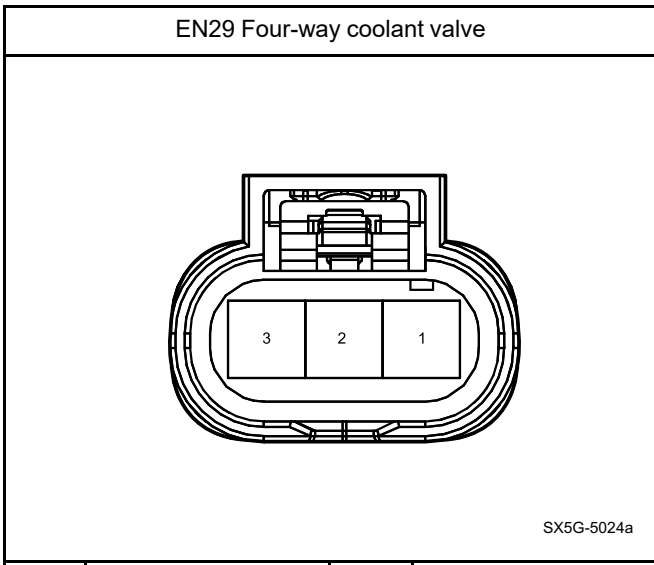
EN27 Heater coolant pump

SX5G-5022a

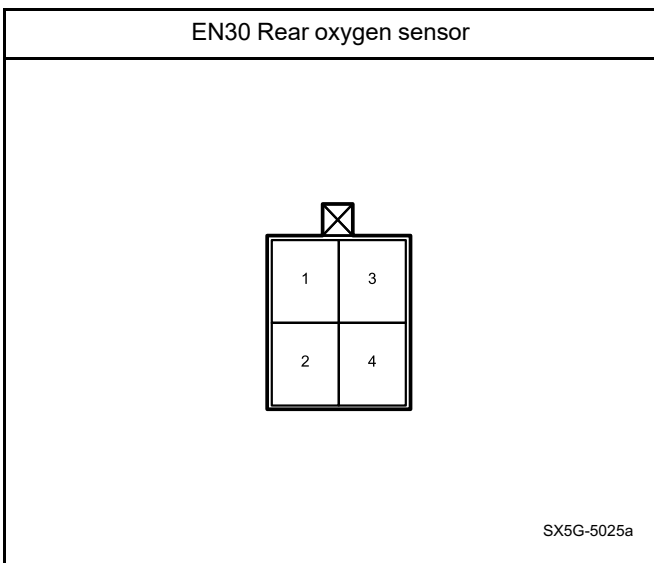
1	GND	2	Signal
3	Power supply	-	-



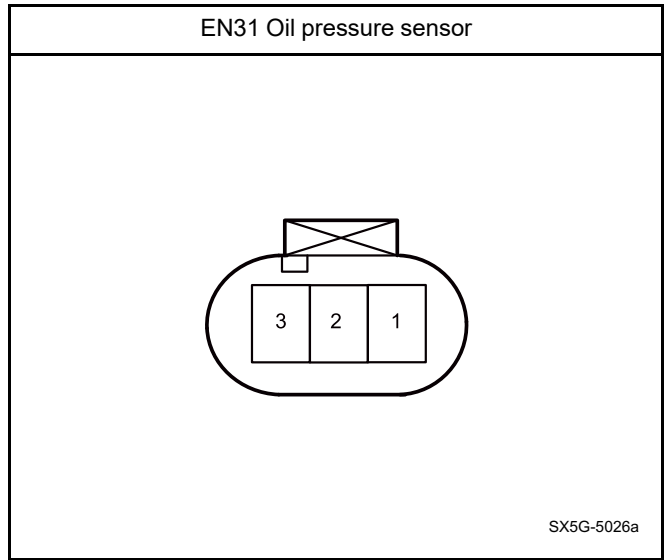
1	Signal	2	Sensor GND
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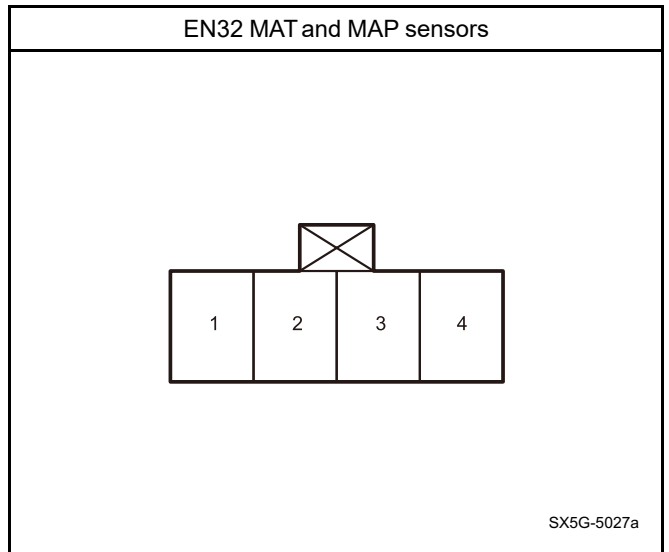
1	GND	2	Signal
3	Power supply	-	-



1	Sensor signal	2	Sensor GND
3	Heating control	4	Sensor power supply

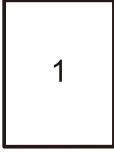


1	Sensor signal	2	Sensor GND
3	Sensor 5V power supply	-	-



1	Sensor GND	2	Intake temperature sensor signal
3	Sensor 5V power supply	4	Intake pressure sensor signal

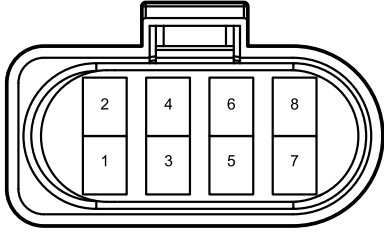
EN35 Ignition coil GND point



SX5G-5028a

1	GND	-	-
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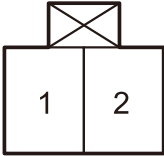
HC04A Compressor



SX5G-5030a

1	-	2	Signal
3	High-voltage interlocking	4	High-voltage interlocking
5	GND	6	-
7	-	8	Power supply

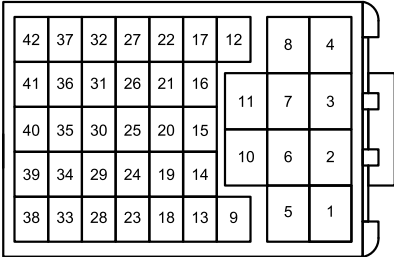
EN57 Exhaust VVT



SX5G-5029a

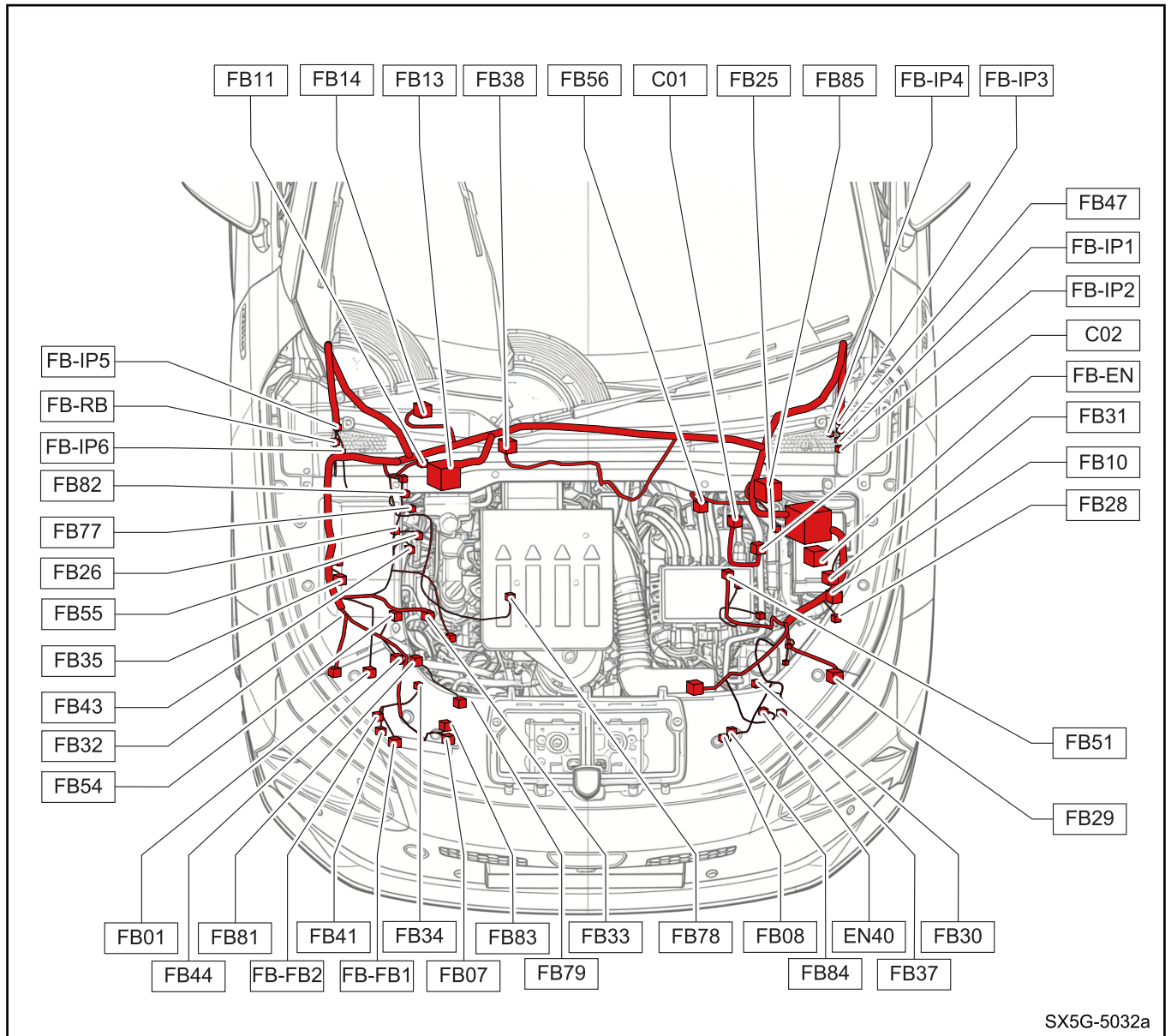
1	Signal	2	Power supply
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EN-FB Engine wiring harness-engine compartment wiring harness

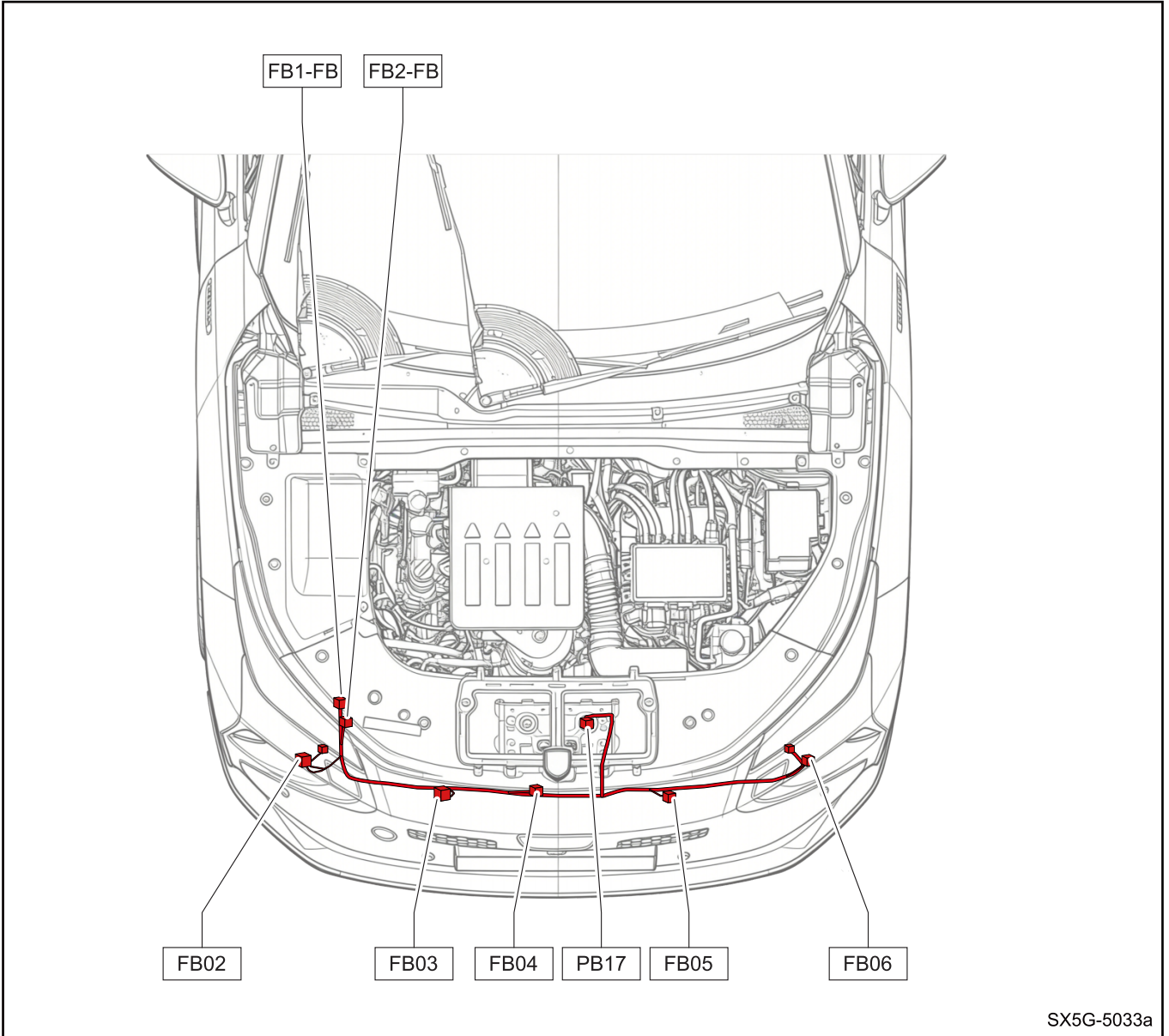


SX5G-5031a

Layout drawing of front engine compartment harnesses



Layout drawing of front bumper harness



SX5G-5033a

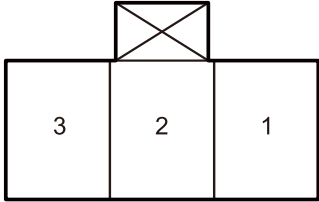
List of front engine compartment harness connectors

Harness connector	Name	Harness connector	Name
EN40	Drive coolant pump	FB37	External temperature sensor
FB01	Washer motor	FB38	Battery pack (31kwh)
FB1-FB	Front bumper wiring harness-engine compartment wiring harness	FB39	Body GND point 4
FB02	Front right UPA probe .1	FB41	VSP
FB2-FB	Front bumper wiring harness-engine compartment wiring harness	FB43	Connect to HV charging cable
FB03	Front middle right UPA probe .1	FB44	High-pressure pressure sensor
FB04	Front camera	FB47	Engine compartment wiring harness-left body wiring harness(left)
FB05	Front middle left UPA probe .1	FB51	PDU
FB06	Front left UPA probe .1	FB54	Low pressure temperature and pressure sensor
FB07	Right electric horn -	FB55	Electronic expansion valve
FB08	Left electric horn -	FB56	Two-in-one
FB10	ECU calibration CAN.1	FB77	Solenoid valve
FB11	Brake fluid level warning switch	FB78	Battery pack coolant pump
FB13	EHB	FB79	Coolant pipeline temperature sensor
FB14	Front wiper motor	FB81	Electronic fan
FB15	Body GND point	FB82	Electronic accelerator pedal
FB16	GND point 2	FB83	Right electric horn +
FB17	Body GND point 3	FB84	Left electric horn +
FB18	GND point	FB85	Engine ECU-K
FB19	Body GND point 5	FB-EN	Engine compartment wiring harness-engine wiring harness
FB25	Front left wheel speed sensor	FB-FB1	Engine compartment wiring harness-front bumper wiring harness
FB26	Front right wheel speed sensor	FB-FB2	360-degree surround view camera (connect to front bumper)
FB28	Left headlight height adjuster	FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)
FB29	Front left combination light	FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)
FB30	Front left collision sensor	FB-IP3	Engine compartment wiring harness-instrument panel wiring harness(2PIN)
FB31	Left daytime running light	FB-IP4	Engine compartment wiring harness-instrument panel wiring harness
FB32	Right headlight height adjuster	FB-IP5	Engine compartment wiring harness-instrument panel wiring harness(2PIN)

Harness connector	Name	Harness connector	Name
FB33	Front right combination light	FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)
FB34	Front right collision sensor	FB-RB	Engine compartment wiring harness-right body wiring harness(right)
FB35	Right daytime running light	PB17	Charging port cap lock

Definition of front engine compartment harness terminal

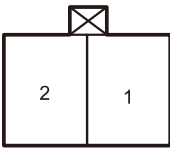
EN40 Drive coolant pump



SX5G-5053a

1	GND	2	Signal
3	Power supply	-	-

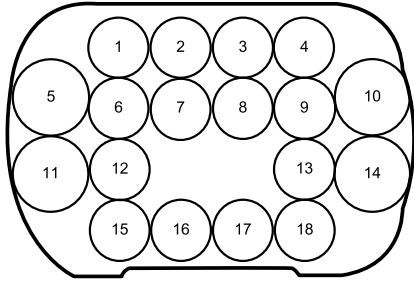
FB01 Washer motor



SX5G-5054a

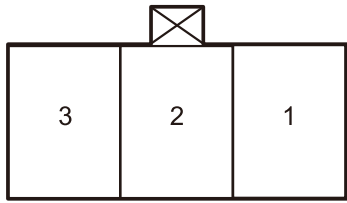
1	Front washer motor signal	2	Rear washer motor signal
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FB1-FB Front bumper wiring harness-engine compartment wiring harness



SX5G-5040a

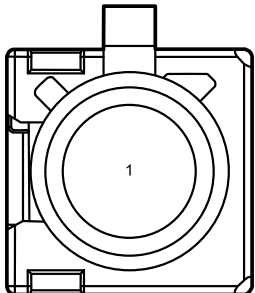
FB02 Front right UPA probe .1



SX5G-5034a

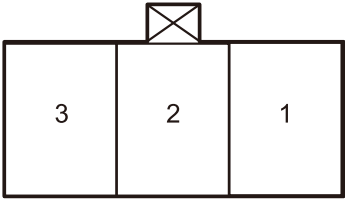
1	Power supply	2	Signal
3	GND	-	-

FB2-FB Front bumper wiring harness-engine compartment wiring harness



SX5G-5042a

FB03 Front middle right UPA probe .1

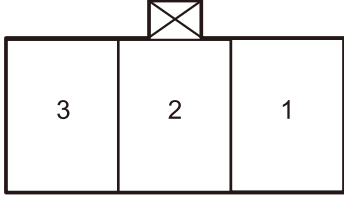


SX5G-5035a

1	Power supply	2	Signal
3	GND	-	-

1	Power supply	2	Signal
3	GND	-	-

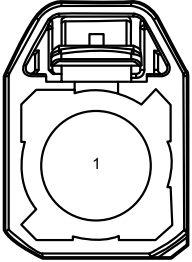
FB06 Front left UPA probe .1



SX5G-5038a

1	Power supply	2	Signal
3	GND	-	-

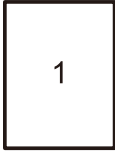
FB04 Front camera



SX5G-5036a

1	Signal	-	-
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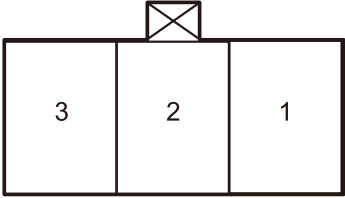
FB07 Right electric horn -



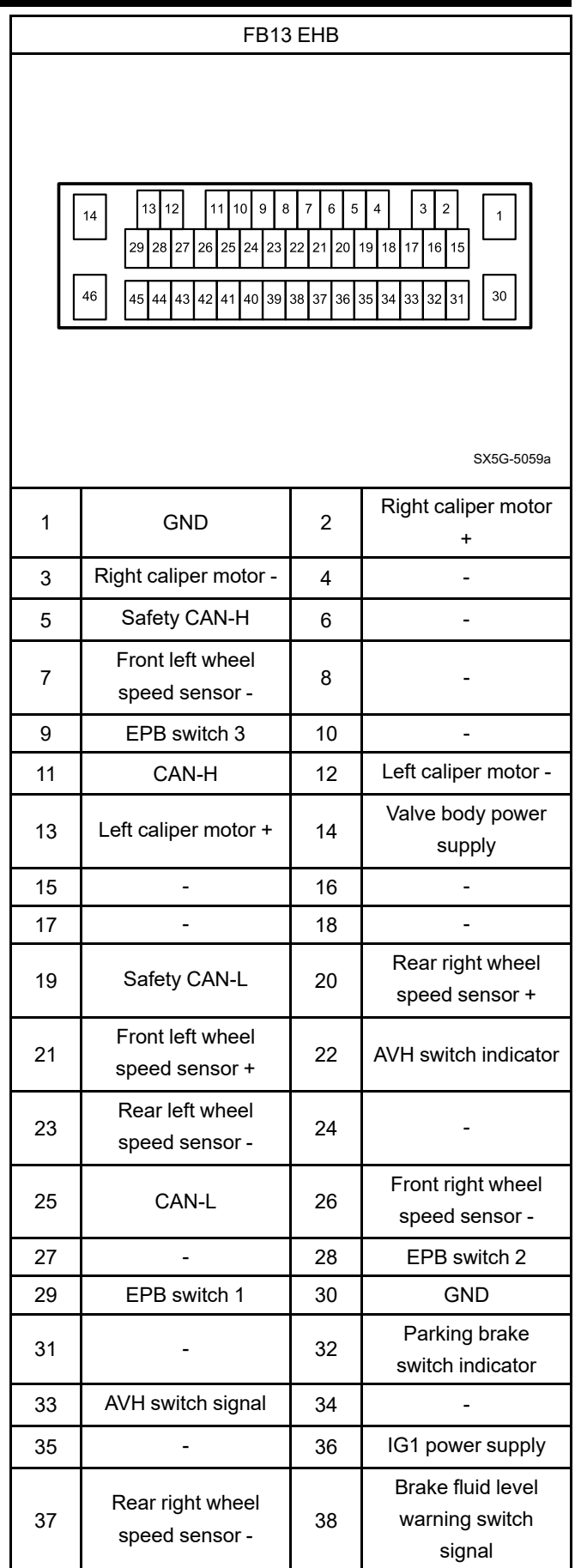
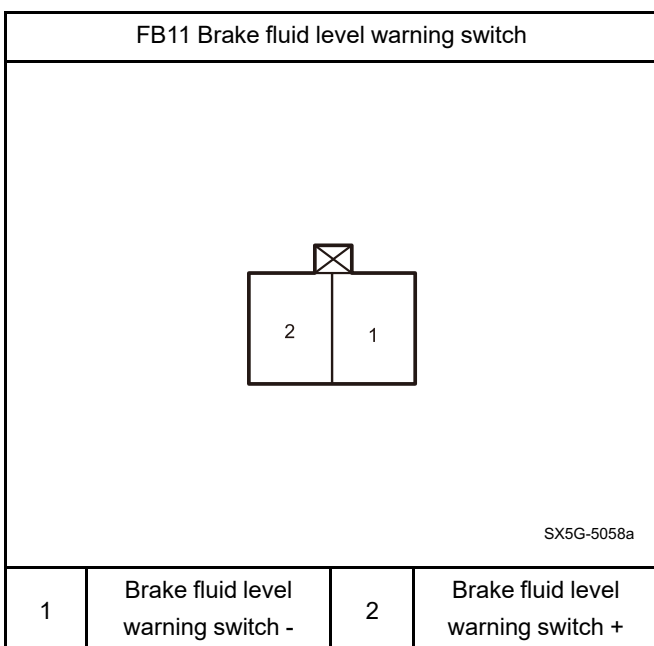
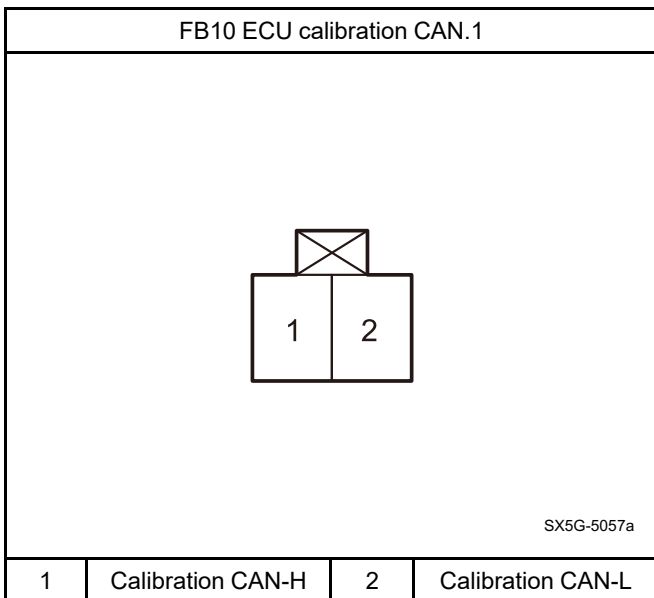
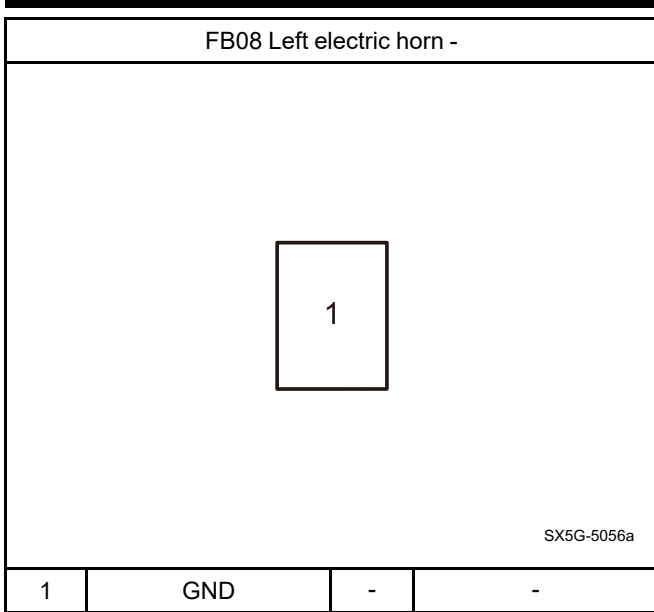
SX5G-5055a

1	GND	-	-
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FB05 Front middle left UPA probe .1



SX5G-5037a



39	Rear left wheel speed sensor +	40	-
41	-	42	Front right wheel speed sensor +
43	-	44	EPB switch 4
45	-	46	Motor power supply

FB14 Front wiper motor

SX5G-5060a

1	High-speed mode	2	LO mode
3	Return signal	4	GND

FB15 Body GND point

SX5G-5061a

1	GND	-	-
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FB16 GND point 2

SX5G-5062a

1	GND	-	-
---	-----	---	---

FB17 Body GND point 3

SX5G-5063a

1	GND	-	-
---	-----	---	---

FB18 GND point

SX5G-5064a

1	GND	-	-
---	-----	---	---

FB19 Body GND point 5

SX5G-5065a

1	GND	-	-
---	-----	---	---

FB28 Left headlight height adjuster

SX5G-5068a

1	GND	2	Headlight height adjustment signal
3	Power supply	-	-

FB25 Front left wheel speed sensor

SX5G-5066a

1	Negative	2	Positive
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FB29 Front left combination light

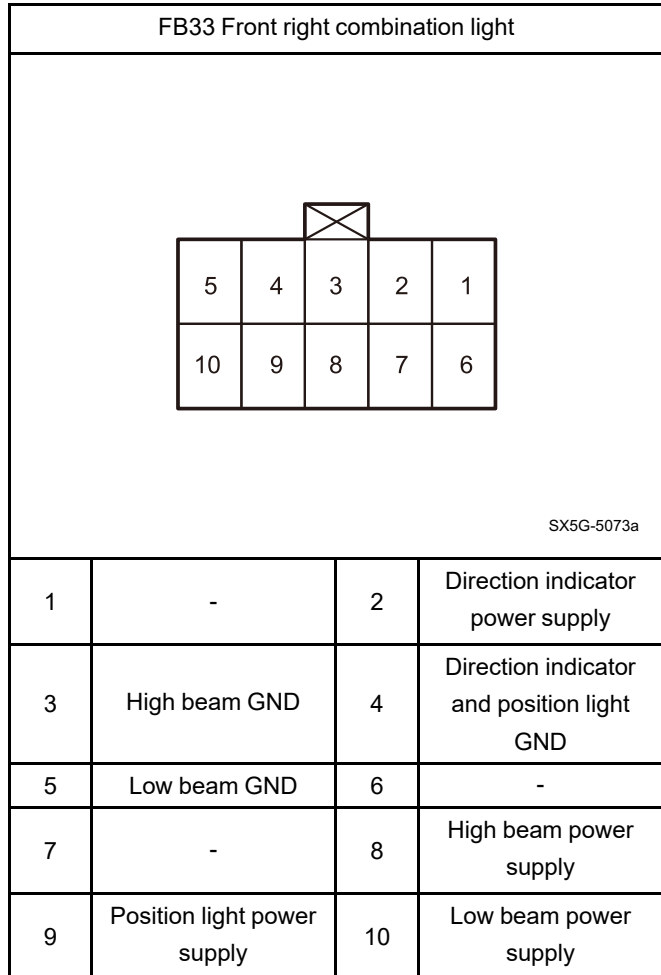
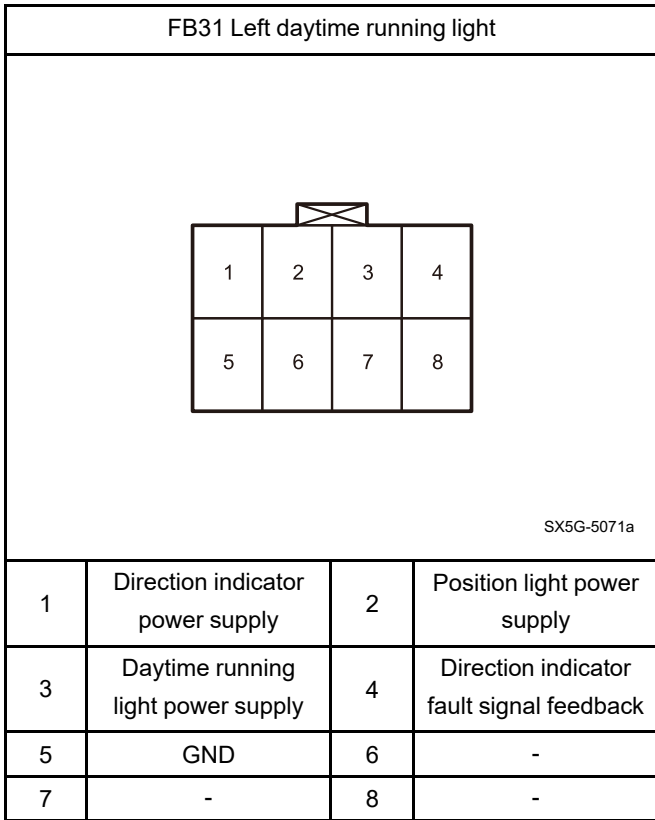
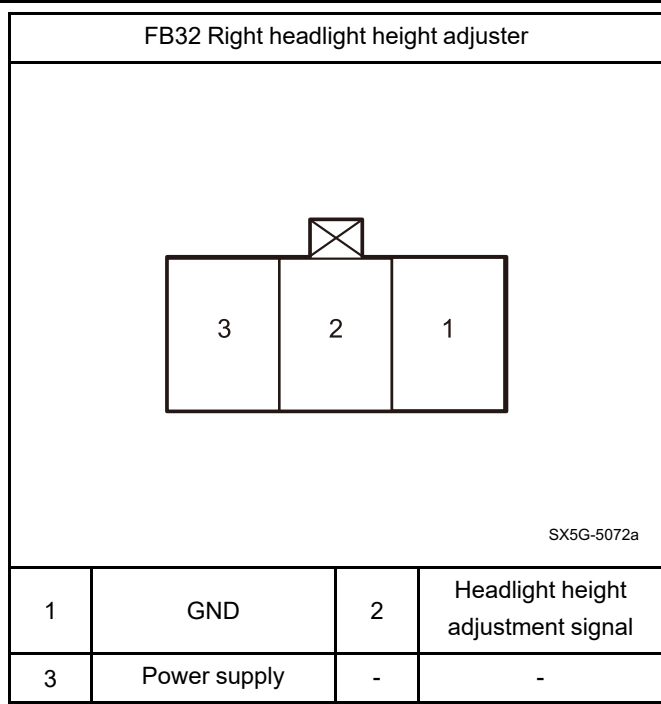
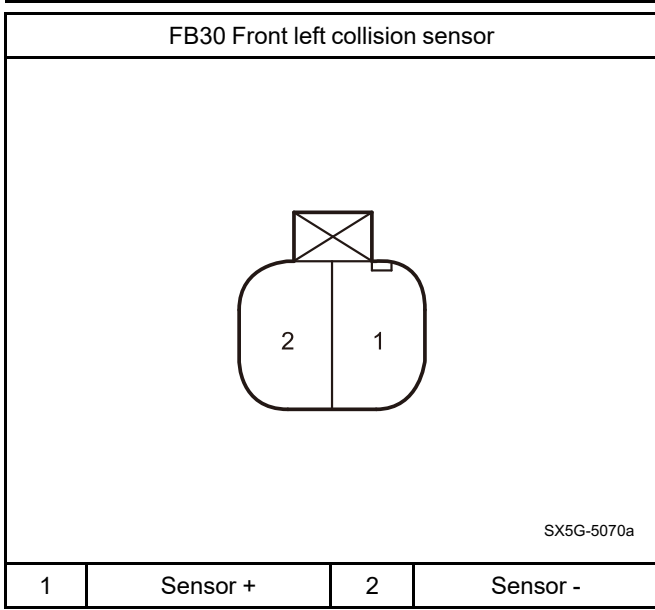
SX5G-5069a

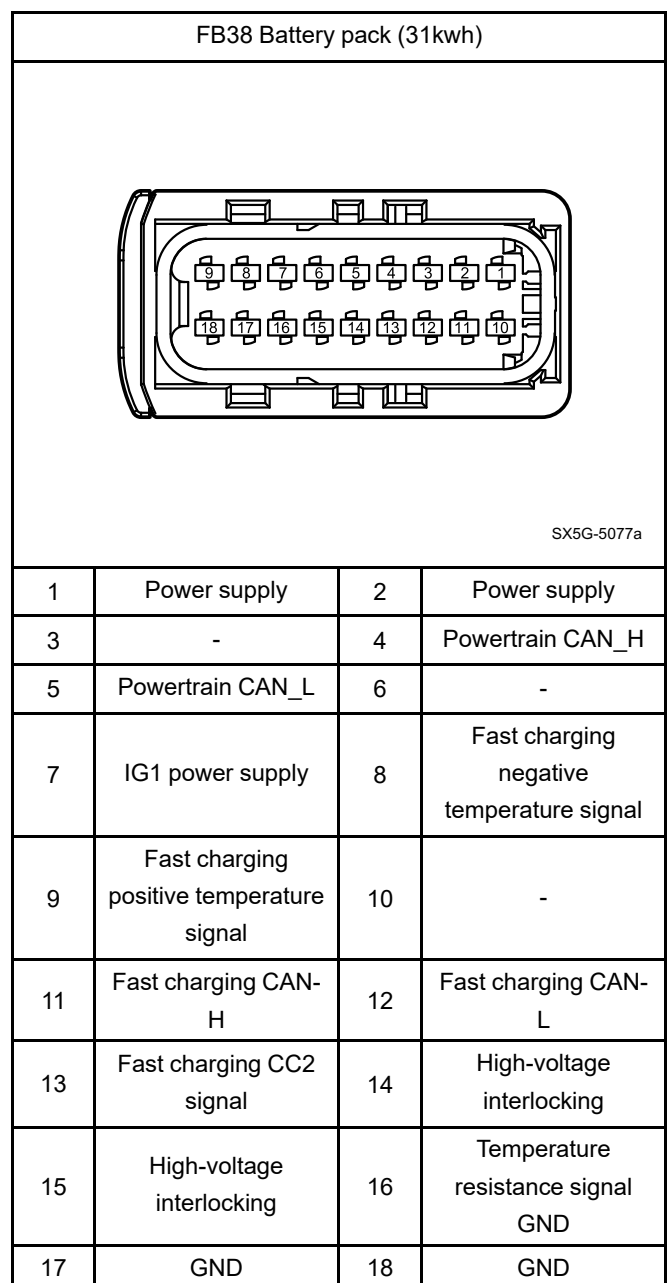
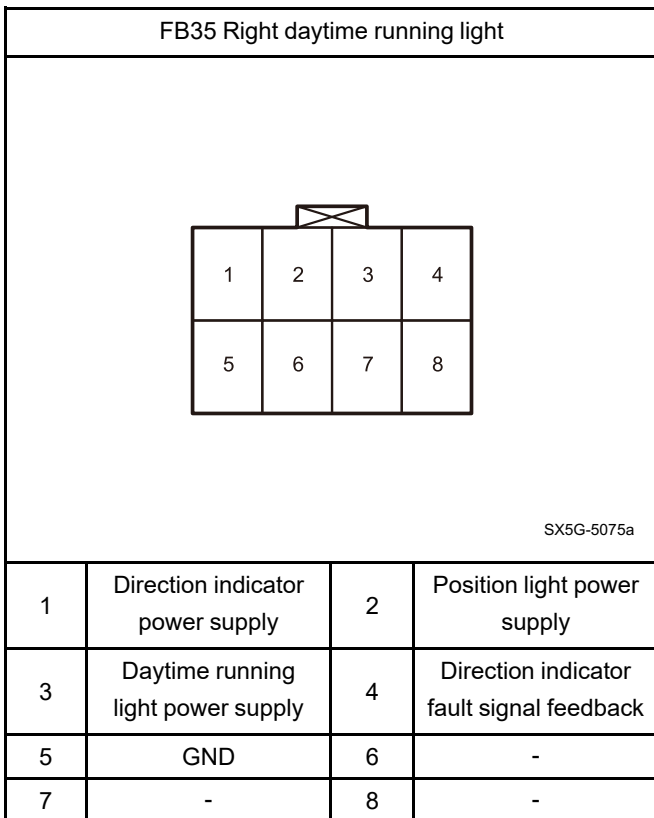
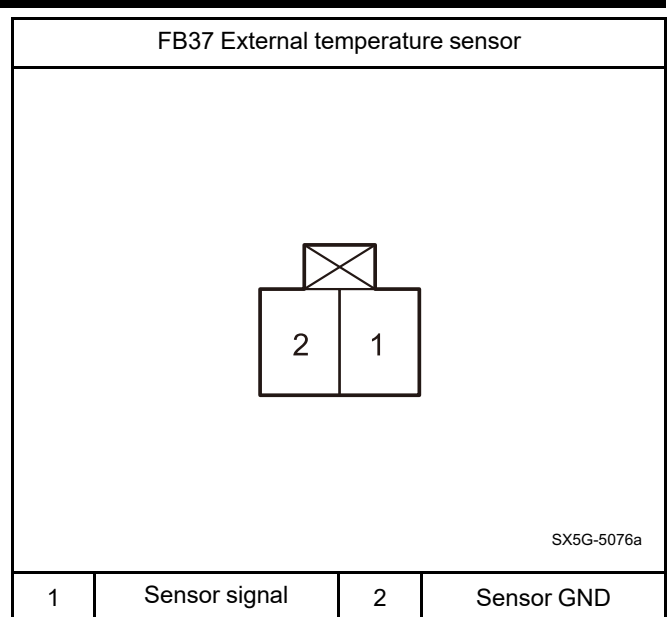
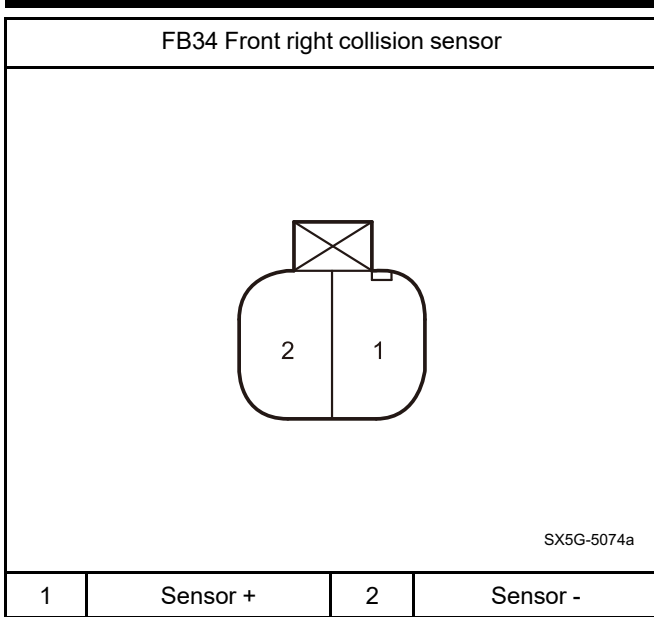
1	-	2	Direction indicator power supply
3	High beam GND	4	Direction indicator and position light GND
5	Low beam GND	6	-
7	-	8	High beam power supply
9	Position light power supply	10	Low beam power supply

FB26 Front right wheel speed sensor


SX5G-5067a

1	Negative	2	Positive
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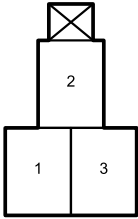
FB39 Body GND point 4



SX5G-5078a

1	GND	-	-
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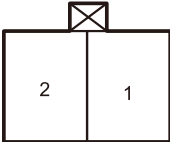
FB44 High-pressure pressure sensor



SX5G-5081a

1	Sensor GND	2	Signal
3	Sensor 5V power supply	-	-


FB41 VSP



SX5G-5079a

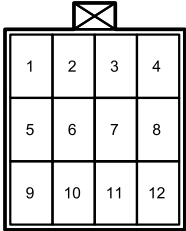
1	VSP+	2	VSP-
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FB47 Engine compartment wiring harness-left body wiring harness(left)



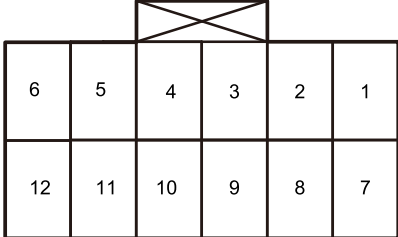
SX5G-5045a

FB43 Connect to HV charging cable



SX5G-5080a

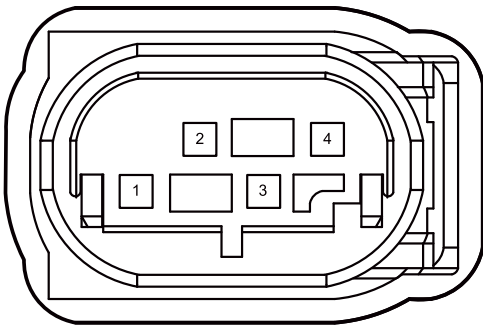
FB51 PDU



SX5G-5082a

1	Power supply	2	GND
3	Sticking detection-signal output	4	-
5	-	6	PTC-relay-
7	Power supply	8	-
9	Fast-charging relay	10	High-voltage interlocking
11	High-voltage interlocking	12	Power supply

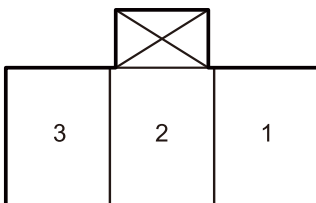
FB54 Low pressure temperature and pressure sensor



SX5G-5083a

1	Sensor GND	2	Temperature and pressure sensor pressure feedback signal
3	Temperature and pressure sensor temperature feedback signal	4	Sensor 5V power supply

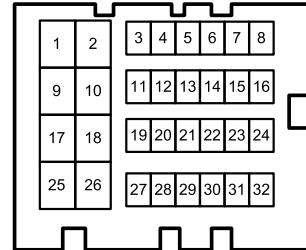
FB55 Electronic expansion valve



SX5G-5084a

1	LIN	2	Power supply
3	GND	-	-

FB56 Two-in-one



SX5G-5085a

1	Power supply	2	-
3	-	4	-
5	-	6	-
7	-	8	IG1 power supply
9	-	10	-
11	Slow charging temperature resistance common GND	12	Slow charging L resistance signal
13	Common GND	14	-
15	Slow charging N resistance signal	16	-
17	-	18	-
19	-	20	-
21	-	22	-
23	-	24	-
25	-	26	GND
27	-	28	-
29	-	30	-
31	Powertrain CAN_L	32	Powertrain CAN_H

FB77 Solenoid valve

SX5G-5086a

1	Power supply	2	GND
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FB81 Electronic fan

SX5G-5089a

1	Power supply	2	Main relay power supply
3	PWM control signal	4	GND

FB78 Battery pack coolant pump

SX5G-5087a

1	GND	2	Signal
3	Power supply	-	-

FB82 Electronic accelerator pedal

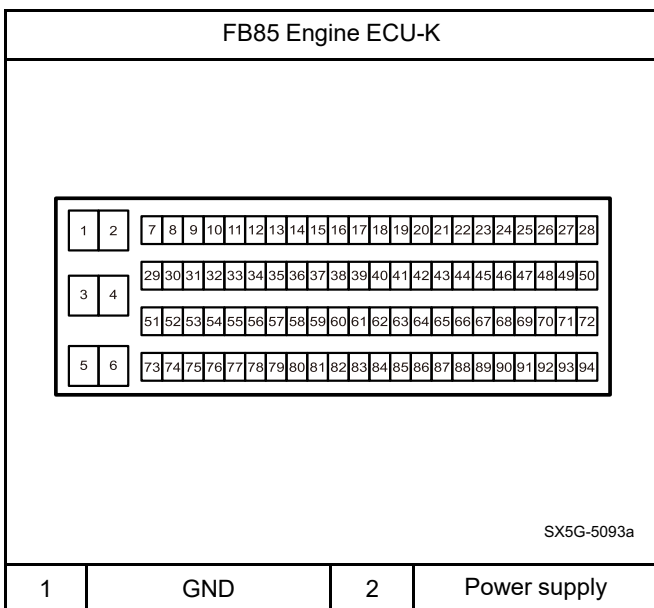
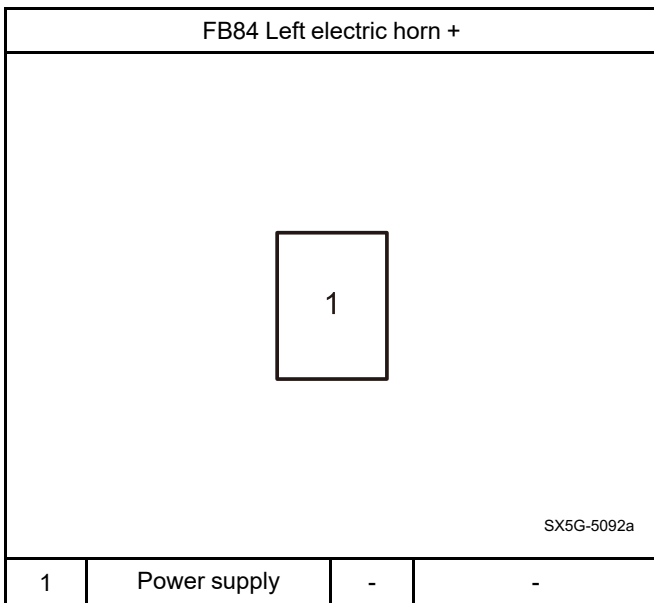
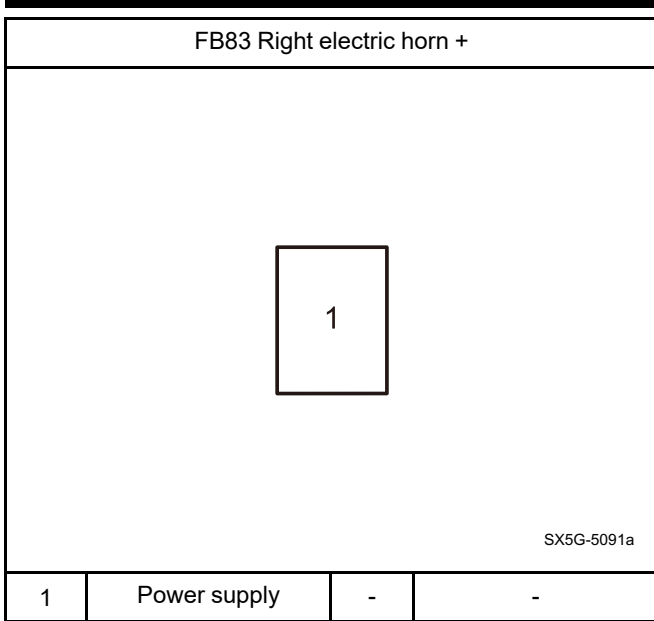
SX5G-5090a

1	Sensor ground 2	2	Sensor ground 1
3	Sensor signal 1	4	Sensor 5 V power supply 1
5	Sensor 5V power supply 2	6	Sensor signal 2

FB79 Coolant pipeline temperature sensor

SX5G-5088a

1	Sensor GND	2	Power supply
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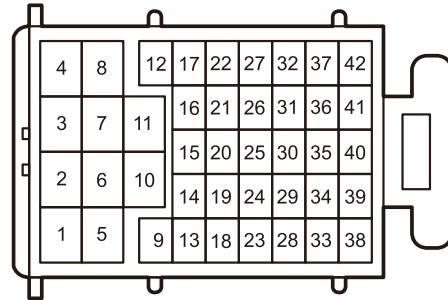


3	Main relay power supply	4	GND
5	Main relay power supply	6	GND
7	Fuel injector 2 signal	8	-
9	-	10	-
11	-	12	-
13	-	14	-
15	-	16	5V power supply for oil pressure sensor, fuel tank differential pressure sensor and fuel tank pressure sensor
17	Front oxygen sensor signal	18	-
19	-	20	Rear oxygen sensor signal
21	-	22	-
23	-	24	-
25	Oil pressure sensor, fuel tank differential pressure sensor, fuel tank pressure sensor, coolant pipeline temperature sensor ground	26	Reversing light relay control
27	-	28	Engine oil pressure sensor signal
29	-	30	Fuel injector 4 signal
31	Oil pump solenoid valve -	32	-
33	-	34	Fuel tank differential pressure sensor signal
35	Electronic accelerator pedal sensor signal 1	36	Electronic accelerator pedal sensor ground 2
37	Fast-charging relay	38	-
39	Electronic accelerator pedal sensor 5V power supply 2	40	-
41	-	42	-
43	-	44	-

45	Cruise control switch signal	46	Coolant pipeline temperature sensor power supply
47	Electronic accelerator pedal sensor ground 1	48	-
49	Front heated oxygen sensor, rear heated oxygen sensor ground	50	-
51	Front oxygen sensor heating control	52	-
53	High-voltage interlocking	54	Electronic accelerator pedal sensor signal 2
55	Wake-up signal	56	Fuel pump relay control
57	-	58	-
59	-	60	Electronic fan PWM control signal
61	Safety CAN-L	62	-
63	-	64	Safety CAN-H
65	Electronic accelerator pedal sensor 5V power supply 1	66	IG1 power supply
67	-	68	Calibration CAN-H
69	Calibration CAN-L	70	Powertrain CAN_H
71	Powertrain CAN_L	72	-
73	Rear heated oxygen sensor heating control	74	-
75	-	76	Main relay control
77	Fuel tank isolation valve control signal	78	-
79	-	80	HCU wake-up signal
81	Carbon canister solenoid valve -	82	Fast charging A+ wake-up
83	-	84	-
85	Battery pack coolant pump signal	86	High pressure
87	-	88	Fuel tank pressure sensor signal

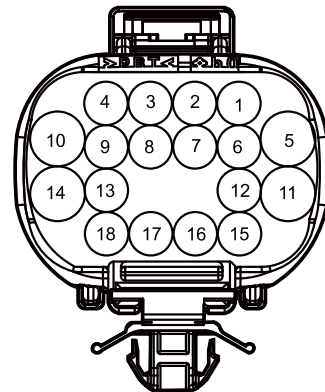
89	-	90	Carbon canister solenoid valve -
91	Drive motor coolant pump control signal	92	-
93	-	94	-

FB-EN Engine compartment wiring harness-engine wiring harness



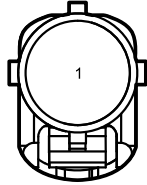
SX5G-5044a

FB-FB1 Engine compartment wiring harness-front bumper wiring harness



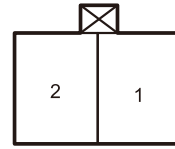
SX5G-5041a

FB-FB2 360-degree surround view camera(connect to front bumper)



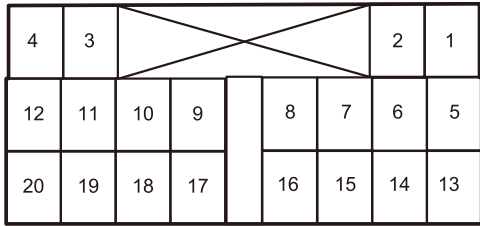
SX5G-5043a

FB-IP3 Engine compartment wiring harness-instrument panel wiring harness(2PIN)



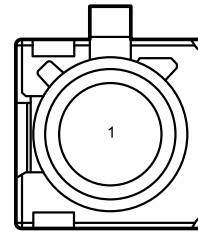
SX5G-5050a

FB-IP1 Engine compartment wiring harness-instrument panel wiring harness(left)



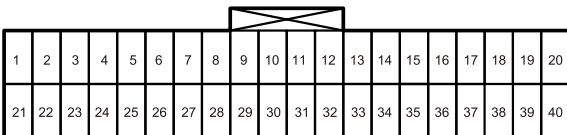
SX5G-5047a

FB-IP4 Engine compartment wiring harness-instrument panel wiring harness



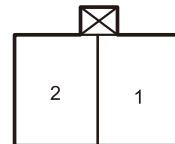
SX5G-5051a

FB-IP2 Engine compartment wiring harness-instrument panel wiring harness(left)

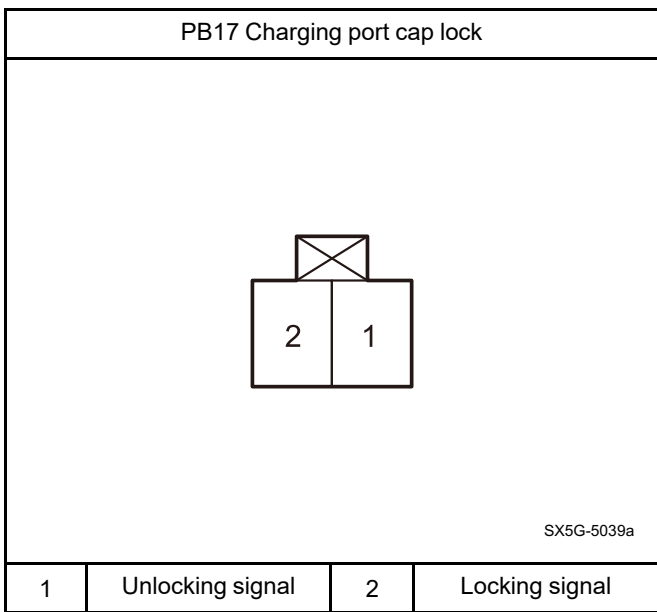
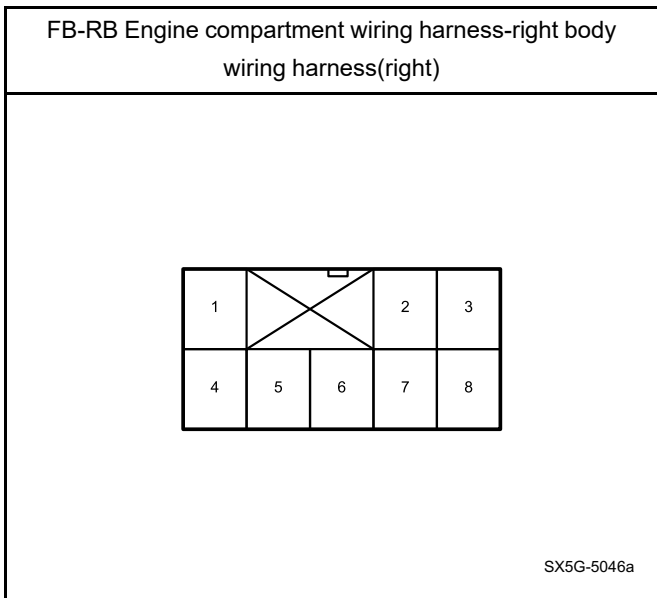
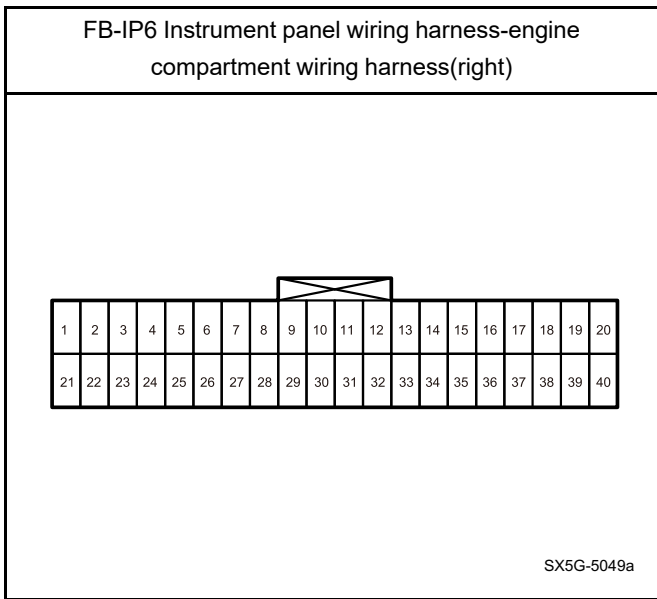


SX5G-5048a

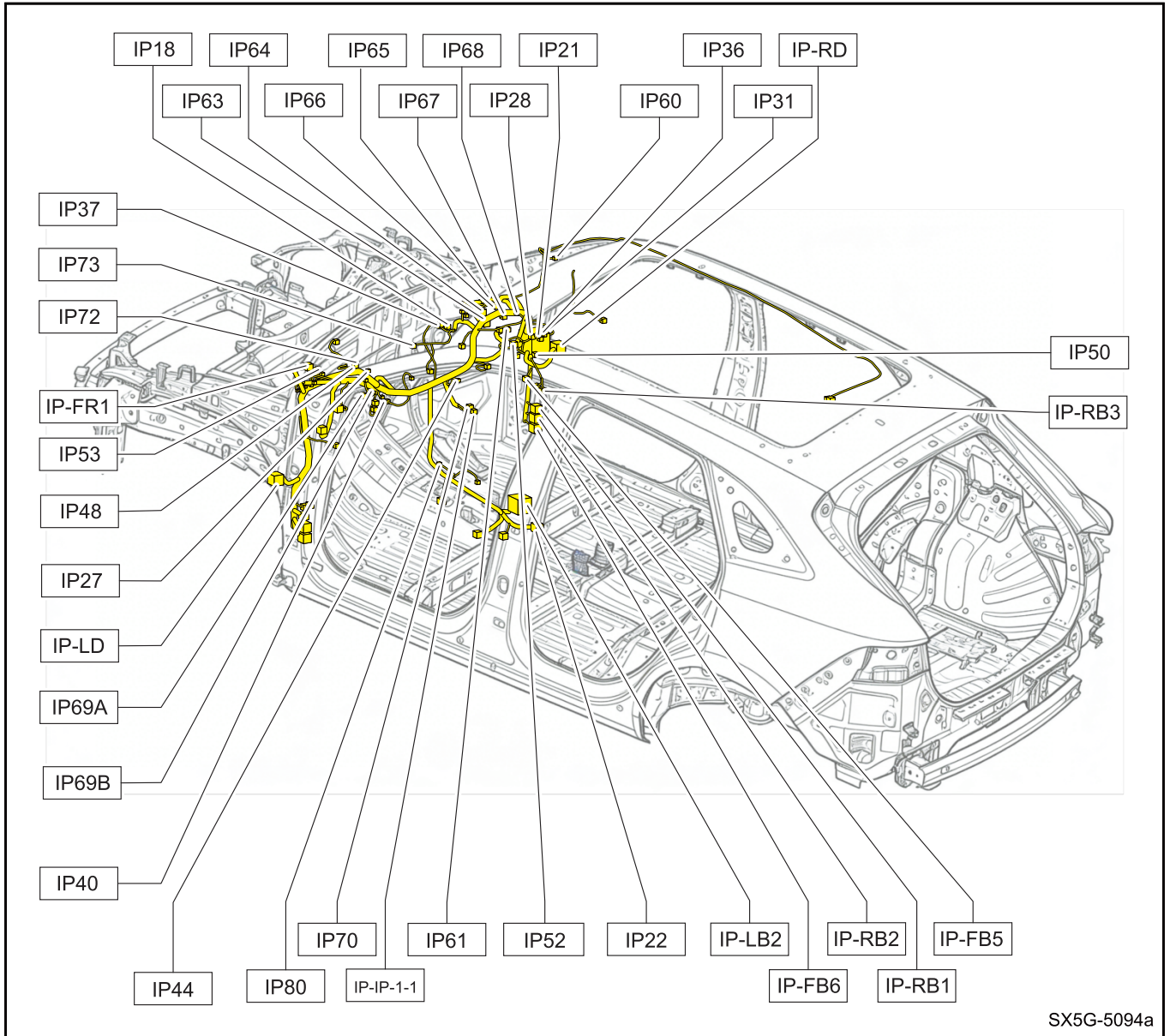
FB-IP5 Engine compartment wiring harness-instrument panel wiring harness(2PIN)



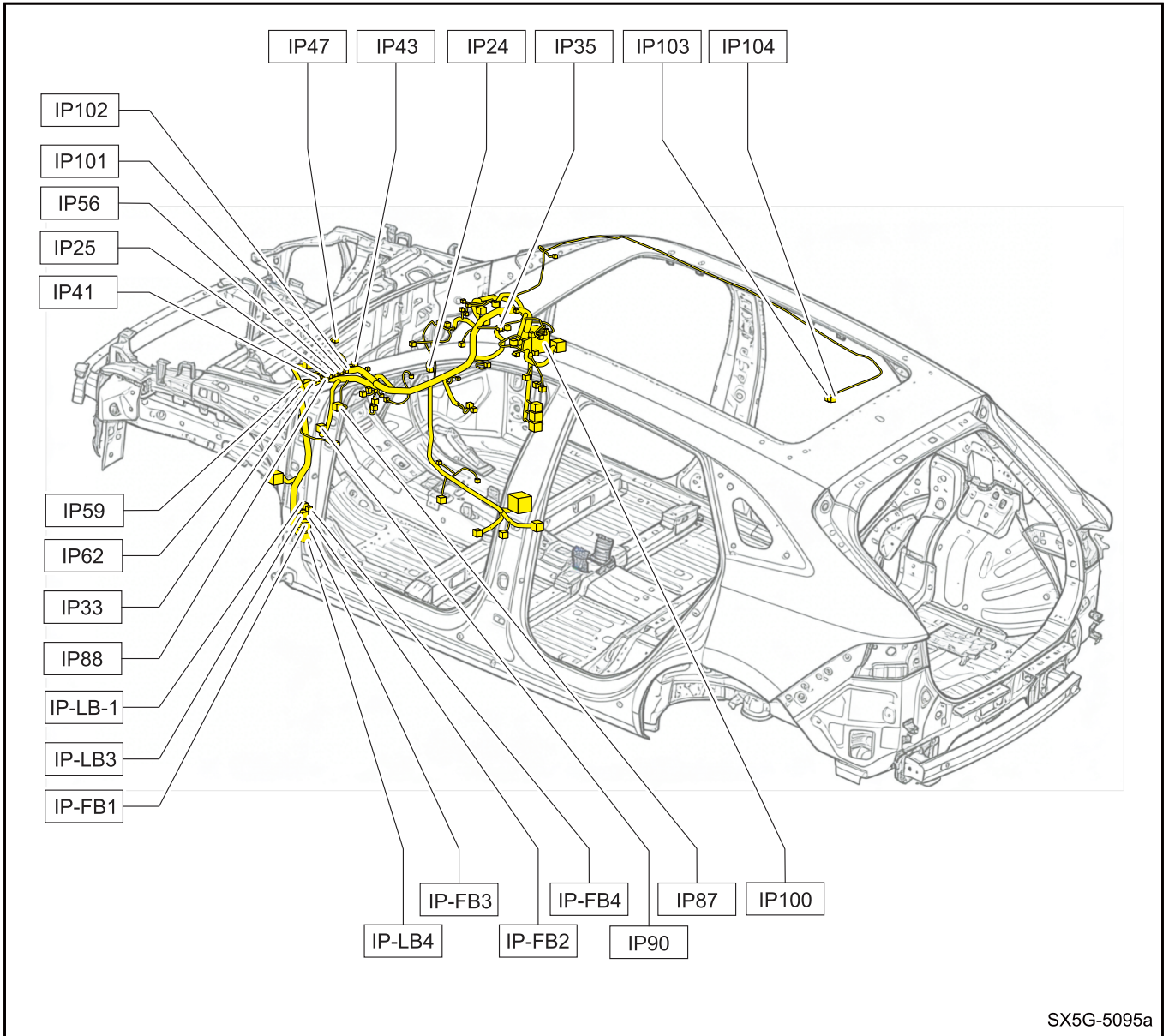
SX5G-5052a



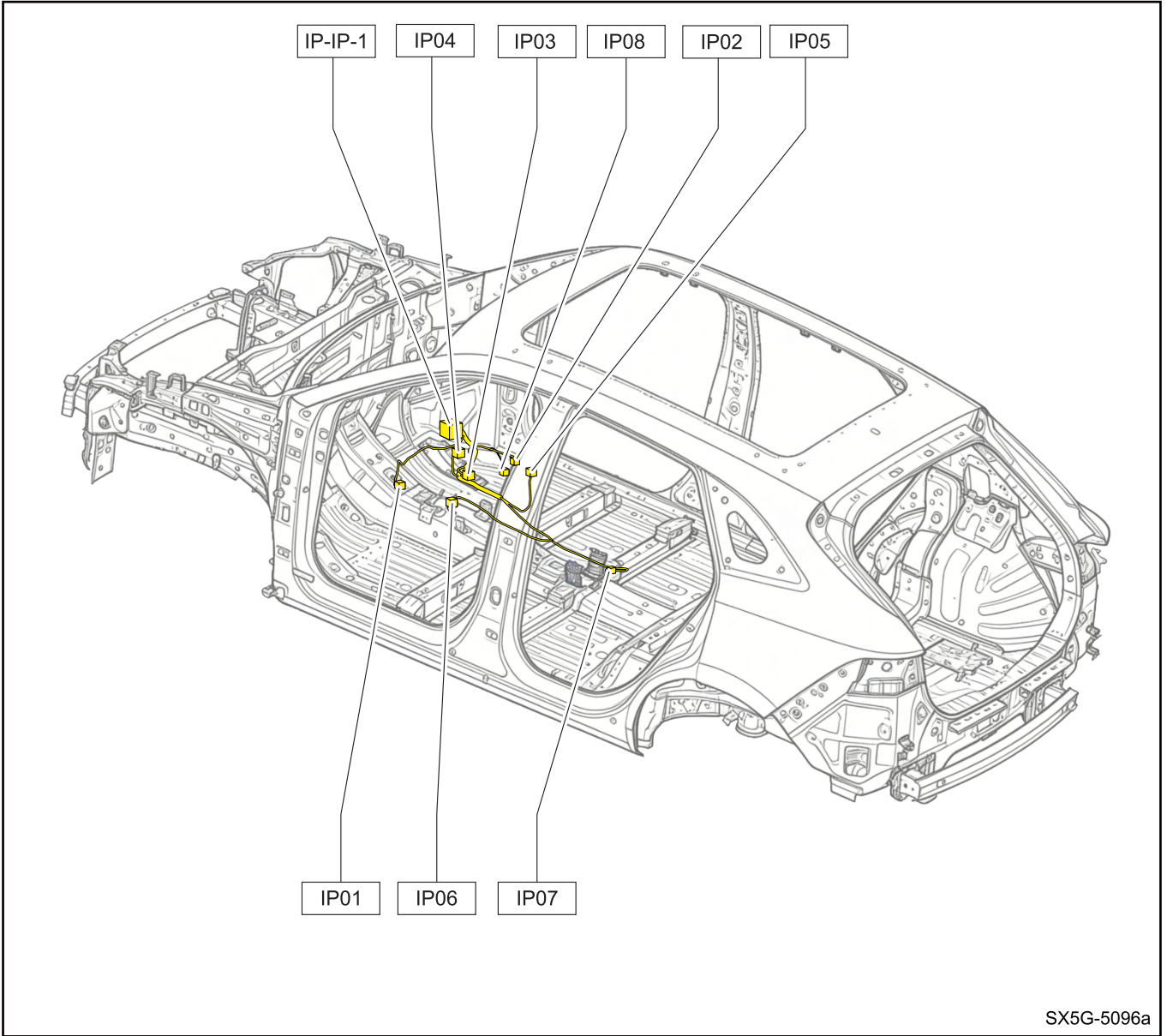
Layout drawing 1 of instrument harnesses



Layout drawing 2 of instrument harnesses



Layout drawing of auxiliary instrument harnesses



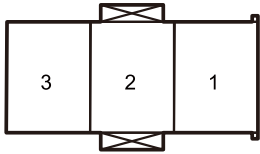
List of instrument panel harness connectors

Harness connector	Name	Harness connector	Name
IP01	12V power supply	IP63	BCM-J1
IP02	Gearshift lever	IP64	BCM-J2
IP03	Interior middle antenna	IP65	BCM-J3
IP04	Wireless charging	IP66	BCM-J4
IP05	APB switch	IP67	BCM-J5
IP06	type-C power interface	IP68	Instrument cluster display screen
IP07	USB power supply -2	IP69A	Automatic A/C controller A
IP08	Crystal gear lever	IP69B	Automatic A/C controller B
IP09	Merged GND point 3-2	IP70	A/C knob switch assembly
IP10	Merged GND point 4	IP72	Speed regulation module
IP11	Merged GND point 5	IP73	Speed regulation motor
IP13	Merged GND point 6-2.1	IP74	Merged GND points 1-2
IP15	Merged GND point 7	IP75	Merged GND point 2
IP16	Merged GND point 9	IP80	Yaw rate sensor
IP18	Display screen of centre console	IP87	Rearview mirror automatic folding transition wire
IP20	Merged GND point 13.1	IP88	Audio head unit C
IP21	Rearview mirror switch	IP90	EVCC
IP22	Airbag ECU A	IP100	Diagnostic interface
IP24	Mode damper motor	IP101	Audio head unit (DAB)
IP25	Audio head unit (centre console display)	IP102	Audio head unit (antenna amplifier)
IP27	Temperature servo motor	IP103	Radio
IP28	Wiper switch	IP104	DAB antenna
IP31	Power tailgate switch	IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)
IP33	Audio head unit (instrument 360°)	IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)
IP35	EPS power supply	IP-FB3	Instrument panel wiring harness-engine compartment wiring harness(2PIN)
IP36	Fuel filler cap switch	IP-FB4	Instrument panel wiring harness-engine compartment wiring harness
IP37	Gateway	IP-FB5	Instrument panel wiring harness-engine compartment wiring harness(2PIN)
IP40	Audio USB data port	IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)
IP41	Audio head unit (USB)	IP-FR1	Instrument panel wiring harness-roof wiring harness

Harness connector	Name	Harness connector	Name
IP43	Front passenger airbag	IP-IP-1	Center console wiring harness-instrument panel wiring harness
IP44	Hazard warning light switch	IP-IP-1-1	Instrument panel wiring harness-center console wiring harness
IP47	Recirculation/Fresh air motor	IP-LB-1	Instrument panel wiring harness-left body wiring harness-1
IP48	Evaporator temperature sensor	IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)
IP50	Spiral cable	IP-LB3	Instrument panel wiring harness-left body wiring harness(left)
IP52	Dimmer switch	IP-LB4	Instrument panel wiring harness-left body wiring harness(left)
IP53	Left high-pitch speaker	IP-LD	Instrument panel wiring harness-left front door wiring harness
IP56	Audio head unit (instrument display screen)	IP-RB1	Instrument panel wiring harness-right body wiring harness
IP59	Audio head unit A	IP-RB2	Instrument panel wiring harness-right body wiring harness
IP60	Right high-pitch speaker	IP-RB3	Instrument panel wiring harness-right body wiring harness
IP61	EPS	IP-RD	Instrument panel wiring harness-right front door wiring harness
IP62	Audio head unit B	-	-

Instrument panel harness terminal definition

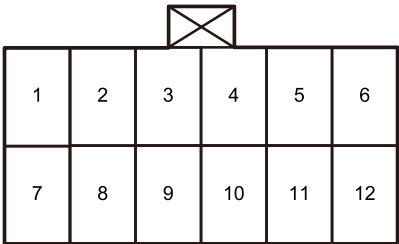
IP01 12V power supply



SX5G-5170a

1	GND	2	ACC
3	-	-	-

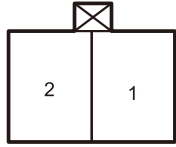
IP02 Gearshift lever



SX5G-5171a

1	Power supply	2	-
3	GND	4	P button on panel
5	IG1 power supply	6	-
7	Powertrain CAN_L	8	Powertrain CAN_H
9	Panel indicator light drive 1	10	Panel indicator light drive 2
11	Panel indicator light drive 3	12	Backlight power supply

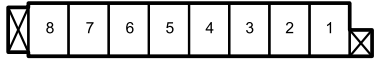
IP03 Interior middle antenna



SX5G-5172a

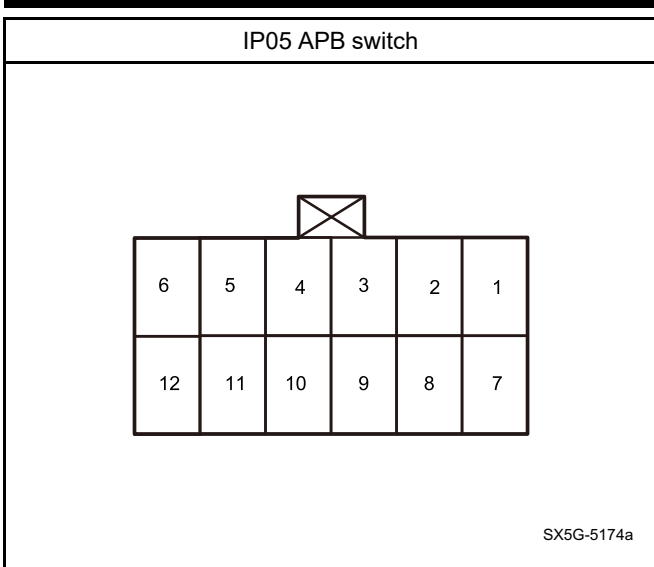
1	Antenna +	2	Antenna -
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IP04 Wireless charging

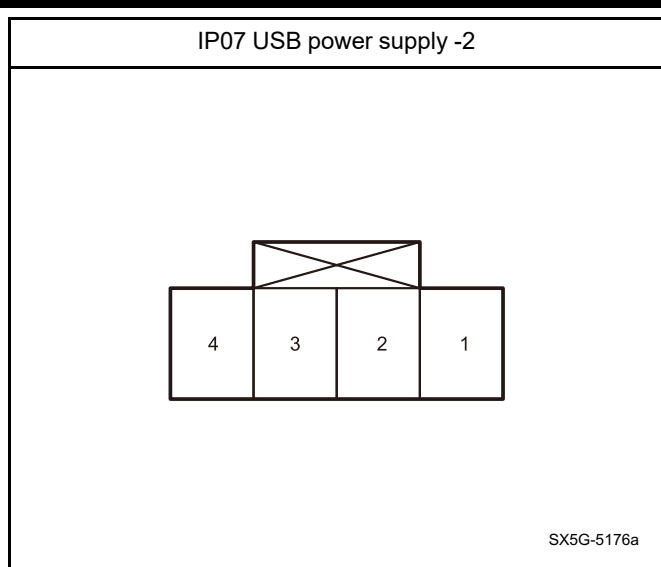
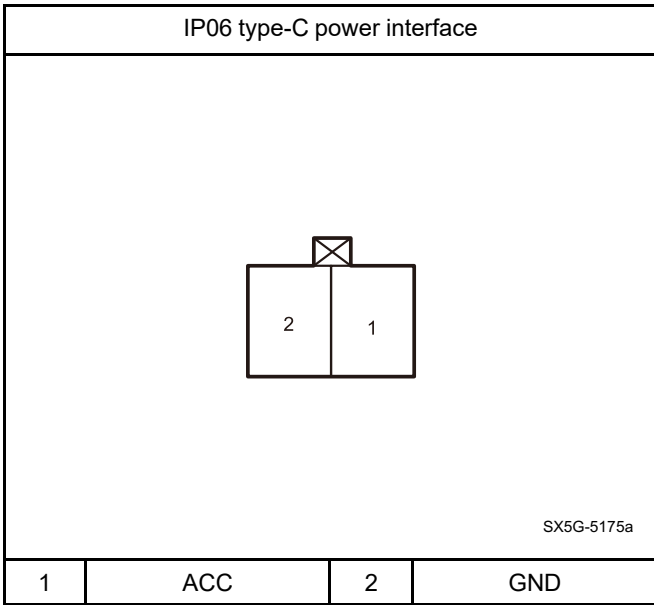


SX5G-5173a

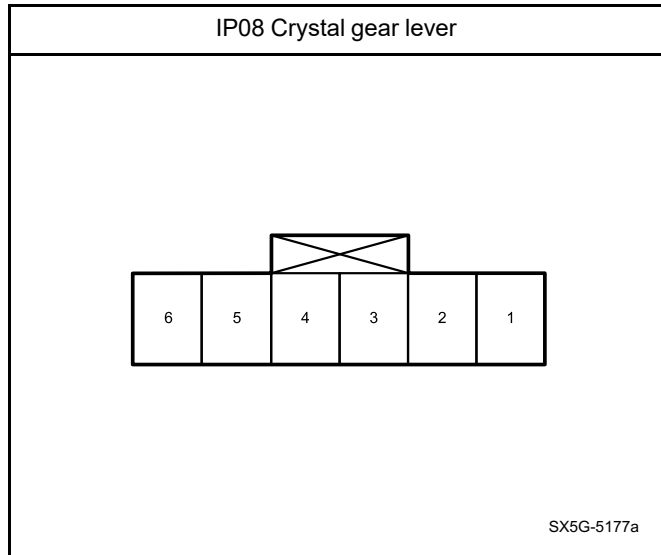
1	Power supply	2	-
3	-	4	GND
5	Comfort CAN-H	6	Comfort CAN-L
7	-	8	-



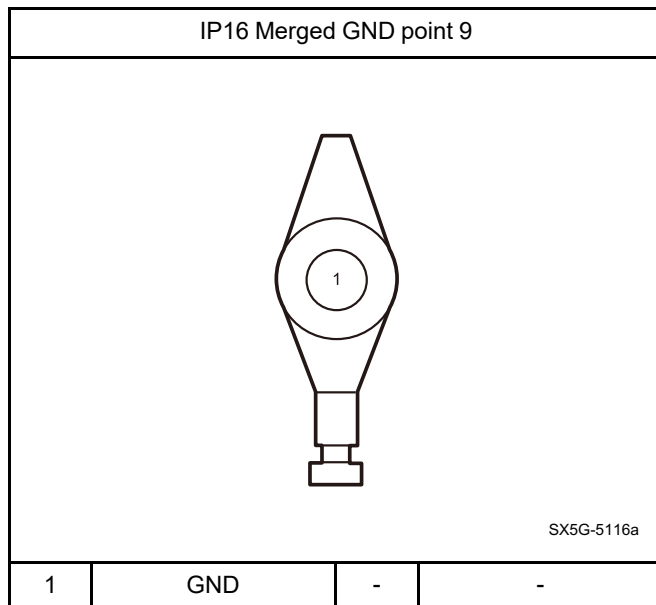
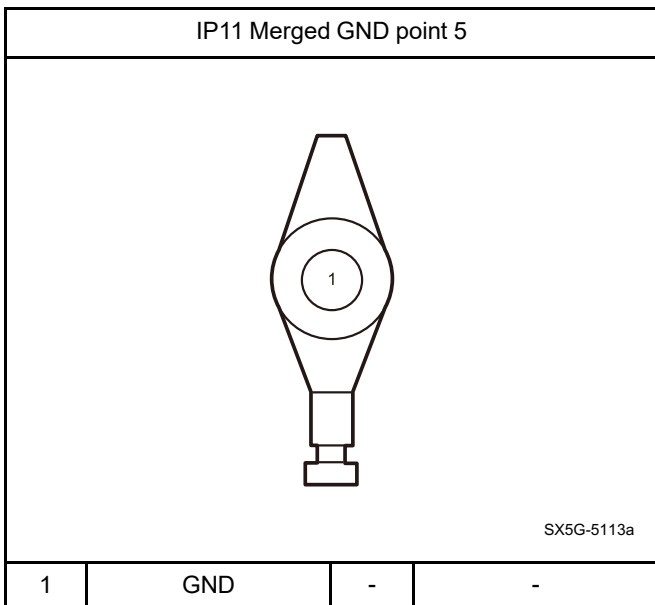
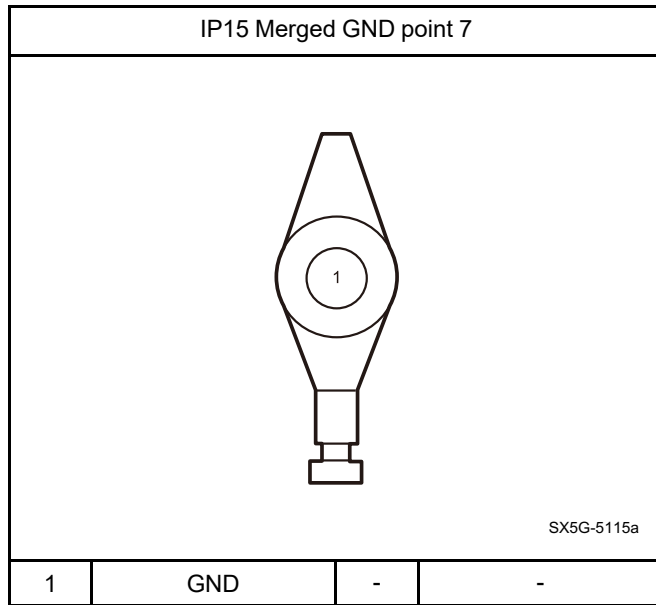
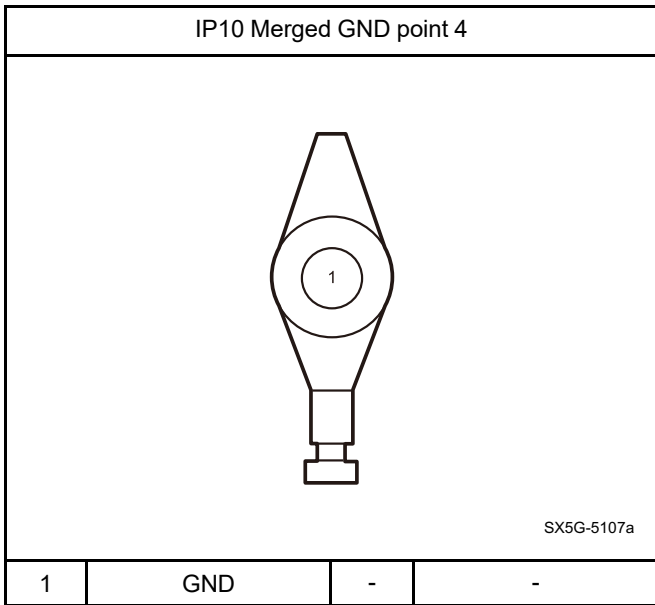
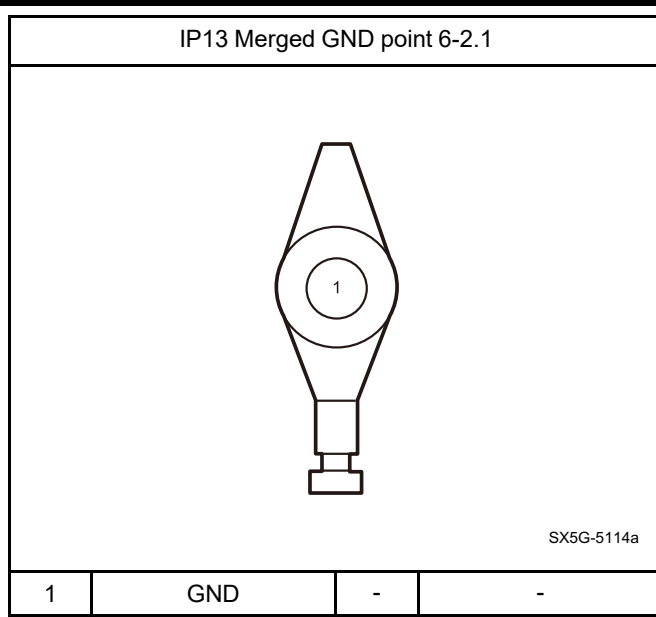
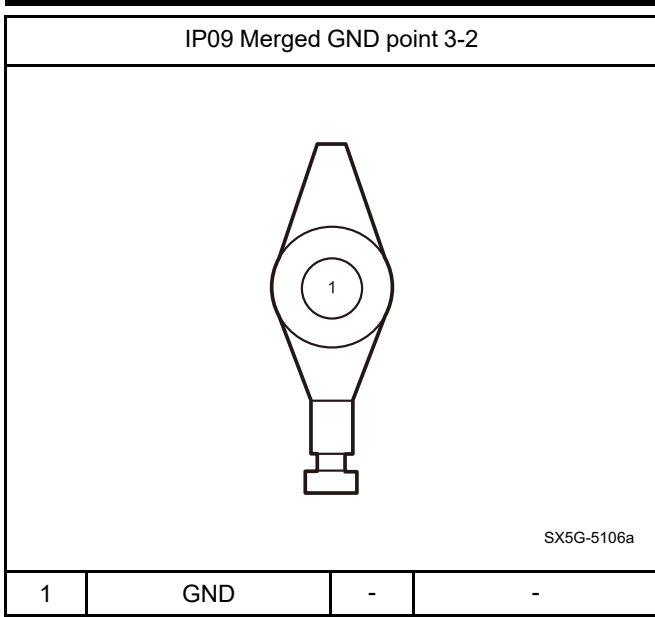
1	EPB switch 1	2	EPB switch 2
3	EPB switch 3	4	EPB switch 4
5	Switch signal	6	Switch indicator
7	Parking brake switch indicator	8	-
9	Backlight power supply	10	GND
11	-	12	IG1 power supply



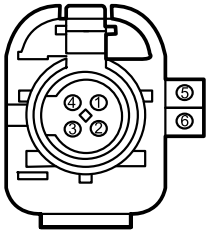
1	-	2	ACC
3	GND	4	-



1	Backlight power supply	2	Panel indicator light drive 1
3	Panel indicator light drive 2	4	Panel indicator light drive 3
5	P button on panel	6	GND




IP18 Display screen of centre console



SX5G-5117a

1	Signal 2+	2	Signal 1+
3	Signal 2-	4	Signal 1-
5	GND	6	Power supply

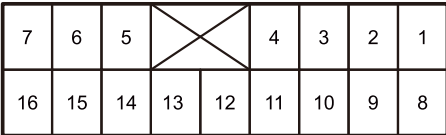
IP20 Merged GND point 13.1



SX5G-5118a

1	GND	-	-
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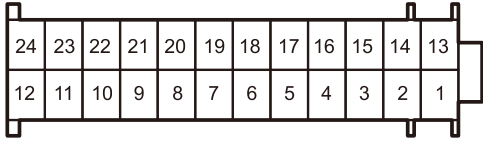
IP21 Rearview mirror switch



SX5G-5119a

1	-	2	Rearview mirror up/down adjustment signal
3	-	4	Rearview mirror left/right adjustment signal
5	-	6	-
7	Left/right rearview mirror selector signal	8	-
9	Signal GND	10	-
11	-	12	-
13	-	14	Backlight power supply
15	-	16	GND

IP22 Airbag ECU A

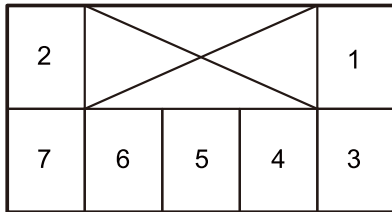


SX5G-5120a

1	IG1 power supply	2	-
3	Unfastened passenger's seat belt signal	4	Unfastened rear left seat belt signal
5	Occupant detection signal	6	Sensor GND
7	Left frontal collision sensor -	8	Left frontal collision sensor +
9	Right frontal collision sensor +	10	Right frontal collision sensor -
11	Safety CAN-L	12	Safety CAN-H
13	Unfastened driver's seat belt signal	14	Unfastened rear right seat belt signal
15	GND	16	Rear middle seat belt unfastened signal

17	Front passenger side seat belt pretensioner -	18	Front passenger side seat belt pretensioner +
19	Front passenger's seat belt pretensioner +	20	Front passenger side seat belt pretensioner -
21	Front passenger side airbag -	22	Front passenger side airbag +
23	Driver frontal airbag +	24	Driver frontal airbag -

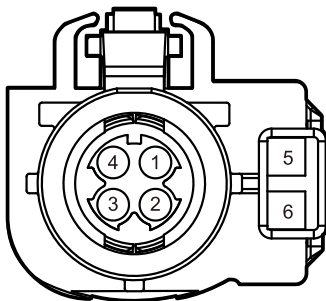
IP24 Mode damper motor



SX5G-5121a

1	-	2	-
3	GND	4	Position signal
5	Power supply	6	Motor -
7	Motor +	-	-

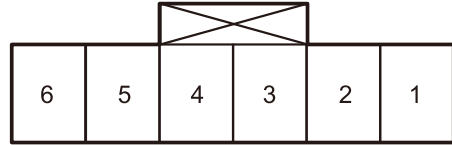
IP25 Audio head unit (centre console display)



SX5G-5122a

1	Signal 1-	2	Signal 2-
3	Signal 1+	4	Signal 2+
5	GND	6	Power supply

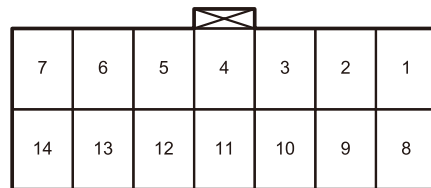
IP27 Temperature servo motor



SX5G-5123a

1	GND	2	Position signal
3	5V power supply	4	-
5	Motor -	6	Motor +

IP28 Wiper switch



SX5G-5124a

1	-	2	Front wiper intermittent switch
3	Front wiper low-speed switch	4	-
5	Front wiper low-speed switch	6	Front washer switch
7	Washer GND	8	Front wiper high-speed switch
9	Rear washer switch	10	Wiper GND
11	Rear wiper high-speed switch	12	Rear wiper low-speed switch
13	Front wiper INT time adjusting input	14	Front wiper INT time adjusting GND

IP31 Power tailgate switch

SX5G-5125a

1	Power tailgate switch -	2	Backlight power supply -
3	Power tailgate switch +	4	-
5	-	6	Backlight power supply +

IP33 Audio head unit (instrument 360°)

SX5G-5126a

1	Front camera signal	2	Left camera rearview mirror 360° signal
3	Rear camera signal	4	Right camera rearview mirror 360° signal

IP35 EPS power supply

SX5G-5127a

1	Power supply	2	GND
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IP36 Fuel filler cap switch

SX5G-5128a

1	GND	2	GND
3	Refuelling request signal	4	-
5	-	6	Backlight power supply

IP37 Gateway

SX5G-5129a

1	Powertrain CAN_H	2	Safety CAN-H
3	CAN-H	4	-
5	Infotainment CAN-H	6	Comfort CAN-H
7	-	8	-
9	-	10	ACC power supply
11	Powertrain CAN_L	12	Safety CAN-L
13	CAN-L	14	-
15	Infotainment CAN-L	16	Comfort CAN-L
17	-	18	IG1 power supply
19	Power supply	20	GND

IP41 Audio head unit (USB)

SX5G-5131a

1	Power supply	2	GND
3	USB positive signal	4	USB negative signal

IP40 Audio USB data port

SX5G-5130a

1	Power supply	2	USB negative signal
3	USB positive signal	4	GND

IP43 Front passenger airbag

SX5G-5132a

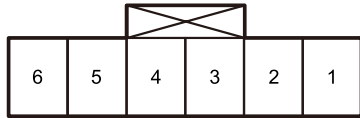
1	Airbag -	2	Airbag +
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IP44 Hazard warning light switch

SX5G-5133a

1	Switch GND	2	Backlight GND
3	Hazard warning light switch signal	4	Backlight power supply

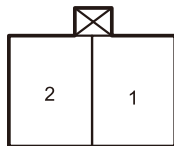
IP47 Recirculation/Fresh air motor



SX5G-5134a

1	GND	2	Position signal
3	5V power supply	4	-
5	Motor +	6	Motor -

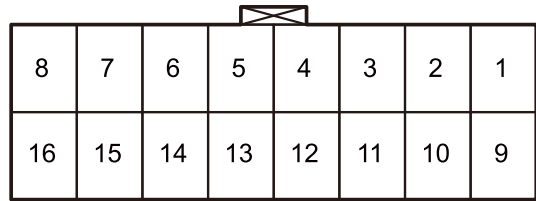
IP48 Evaporator temperature sensor



SX5G-5135a

1	Sensor GND	2	Sensor signal
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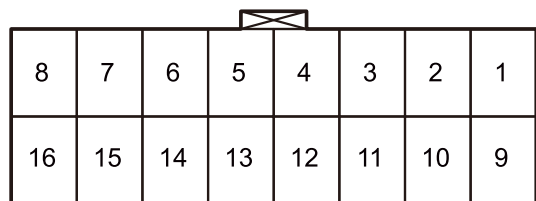
IP50 Spiral cable



SX5G-5136a

1	Backlight power supply	2	Horn GND
3	-	4	-
5	-	6	Steering wheel control GND
7	Horn relay control	8	Backlight GND
9	AD	10	AD2
11	Steering wheel control GND	12	AD1
13	Cruise control switch power	14	Cruise switch GND
15	Airbag +	16	Airbag -

IP52 Dimmer switch



SX5G-5137a

1	GND	2	Low beam switch
3	Position light switch	4	Automatic lighting switch
5	Rear fog light switch	6	-

7	GND	8	Right direction indicator switch signal
9	GND	10	GND
11	Overtaking light switch signal	12	-
13	-	14	High beam switch signal
15	Left direction indicator switch signal	16	GND

IP53 Left high-pitch speaker

SX5G-5138a

1	Speaker -	2	Speaker +
---	-----------	---	-----------

IP56 Audio head unit (instrument display screen)

SX5G-5139a

1	LVDS0+	2	LVDS0-
3	LVDS1+	4	LVDS1-
5	GND	6	12V+

IP59 Audio head unit A

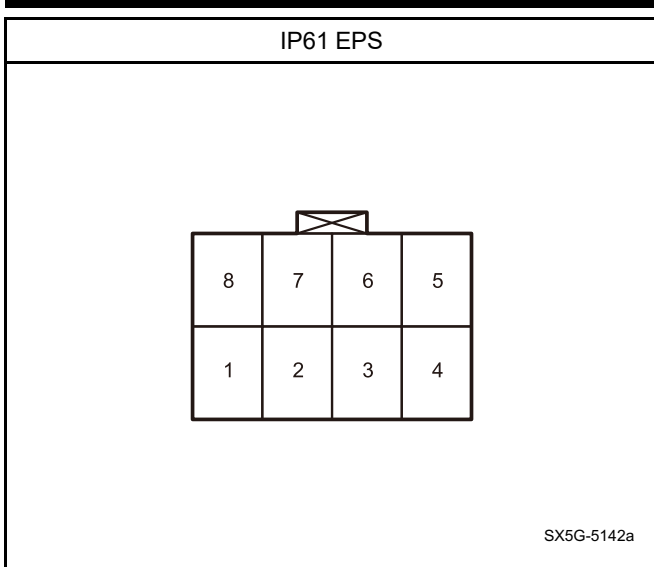
SX5G-5140a

1	-	2	LIN signal line
3	-	4	-
5	-	6	-
7	MIC1_GND	8	MIC1+
9	MIC2_GND	10	MIC2+
11	-	12	Rear camera power supply
13	-	14	-
15	AD1	16	Steering wheel control GND
17	AD	18	AD2
19	Rear camera video signal	20	Rear camera GND

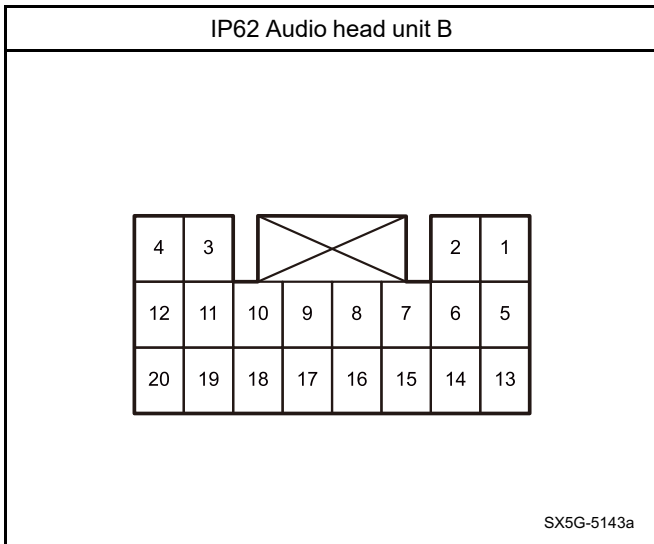
IP60 Right high-pitch speaker

SX5G-5141a

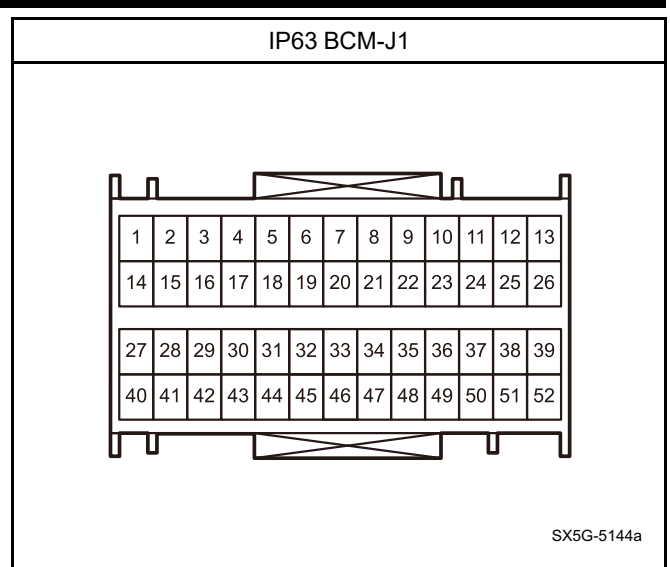
1	Speaker -	2	Speaker +
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1	Safety CAN-H	2	Safety CAN-L
3	-	4	IG1 power supply
5	-	6	-
7	-	8	-

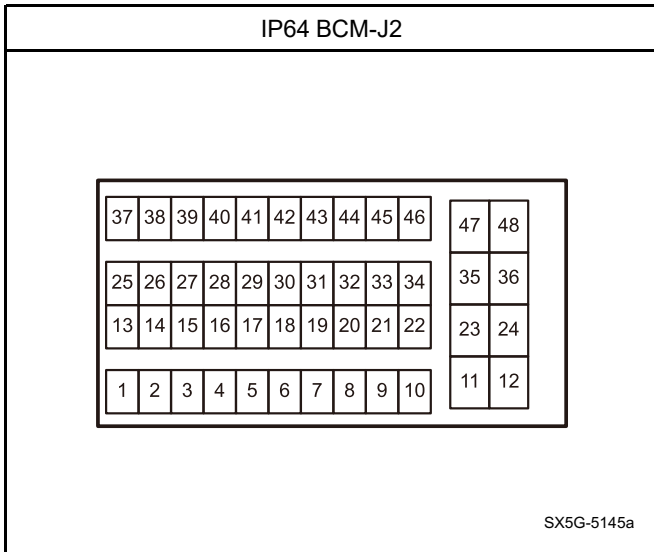


1	Fuel level sensor GND	2	Fuel level sensor signal
3	-	4	-
5	Front left speaker +	6	Front left speaker -
7	Rear right speaker -	8	Rear right speaker +
9	Rear left speaker +	10	Rear left speaker -
11	-	12	-
13	Front right speaker +	14	Front right speaker -
15	-	16	-
17	-	18	-
19	-	20	-



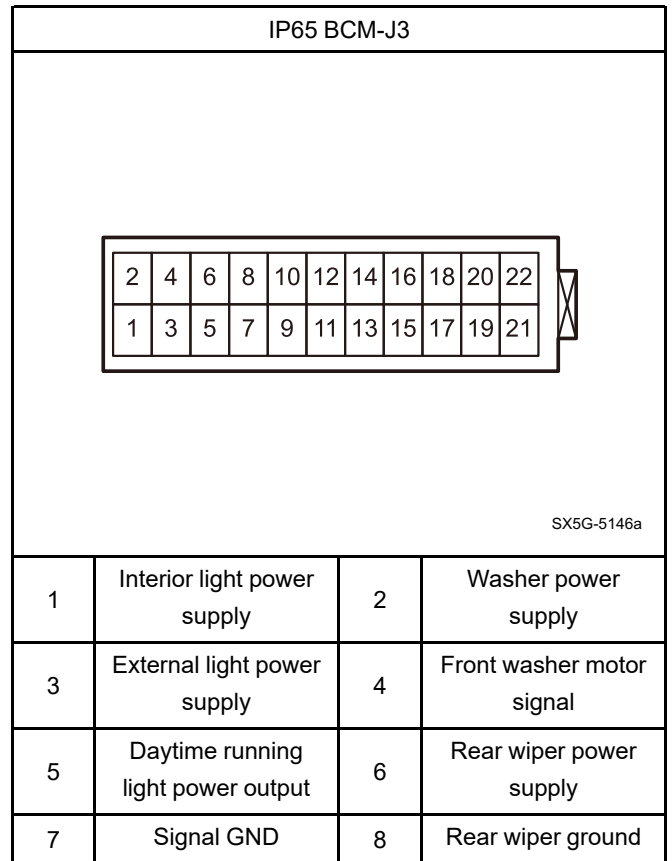
1	-	2	-
3	-	4	Signal GND
5	Left direction indicator switch signal	6	Signal
7	ACC power supply	8	IG1 power supply
9	Hazard warning light switch signal	10	Rear wiper low-speed switch
11	-	12	-
13	Front wiper high-speed switch	14	-
15	-	16	Front wiper low-speed switch
17	-	18	-
19	-	20	-
21	Front wiper intermittent switch	22	Rear washer switch
23	-	24	Front washer switch
25	-	26	-
27	-	28	Wiper intermittent relay negative control
29	Front wiper INT time adjusting GND	30	Low beam switch
31	Position light switch	32	Automatic lighting switch
33	Rear fog light switch	34	Right direction indicator switch signal
35	-	36	-
37	-	38	-

39	-	40	Front windshield heating output
41	Comfort CAN-L	42	Comfort CAN-H
43	-	44	-
45	Front wiper INT time adjusting input	46	Sensor output
47	High beam switch signal	48	-
49	Overtaking light switch signal	50	-
51	-	52	-



1	Rear left door status input	2	Rear right door status input
3	-	4	-
5	Power tailgate switch +	6	-
7	Front right door lock feedback	8	Signal GND
9	-	10	-
11	Rear fog light power supply	12	Interior light DOOR mode control GND
13	-	14	-
15	-	16	-
17	-	18	High beam output
19	Microswitch +	20	-
21	Front wiper return signal	22	Left direction indicator fault signal feedback
23	Position light power supply output	24	Left direction indicator power supply

25	High-mounted brake light output	26	-
27	Front left door lock status input	28	Rear defroster relay negative control
29	-	30	-
31	-	32	-
33	Right direction indicator fault signal feedback	34	-
35	Right direction indicator power supply	36	-
37	-	38	Cruise control switch power
39	Front right door lock status input	40	Tailgate status signal
41	High beam relay control	42	Horn relay control
43	-	44	Rear wiper motor return signal
45	Rear wiper high-speed switch	46	LIN signal line
47	Interior light power supply output	48	Brake light power output



1	Interior light power supply	2	Washer power supply
3	External light power supply	4	Front washer motor signal
5	Daytime running light power output	6	Rear wiper power supply
7	Signal GND	8	Rear wiper ground

9	Signal GND	10	Rear wiper motor LO mode
11	-	12	Rear washer motor signal
13	-	14	Door latch power supply
15	Front wiper motor high speed	16	Tailgate lock motor power supply
17	Front wiper power supply	18	Locking signal of four doors and charging port cap lock
19	Front wiper GND input	20	Four-door unlocking signal
21	LO mode	22	GND

IP66 BCM-J4																															
SX5G-5147a																															

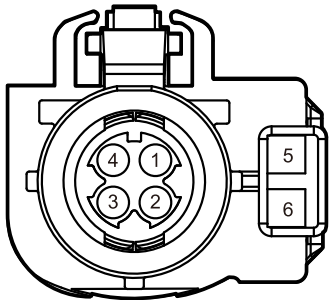
1	IG2 power supply feedback	2	Front right door handle sensor unlocking signal
3	-	4	Front right door handle sensor locking signal
5	-	6	-
7	Signal GND	8	-
9	-	10	-
11	-	12	-
13	-	14	-
15	IG1 relay control	16	-
17	Charging port cap lock unlocking signal	18	Interior middle antenna +

19	Interior middle antenna -	20	Front right door handle antenna +
21	Front right door handle antenna -	22	-
23	-	24	Interior rear antenna +
25	Interior rear antenna -	26	-
27	-	28	-
29	-	30	-
31	IG2 relay control	32	ACC relay control

IP67 BCM-J5																							
SX5G-5148a																							

1	-	2	-
3	-	4	-
5	-	6	Battery sensor signal
7	-	8	-
9	-	10	-
11	-	12	-
13	-	14	-
15	-	16	-
17	-	18	-
19	Tailgate antenna +	20	Tailgate antenna -
21	-	22	-
23	-	24	-

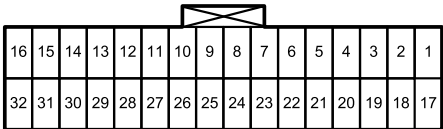
IP68 Instrument cluster display screen



SX5G-5149a

1	LVDS0+	2	LVDS1+
3	LVDS0-	4	LVDS1-
5	GND	6	12V+

IP69A Automatic A/C controller A

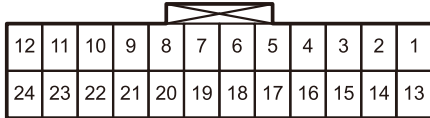


SX5G-5150a

1	Power supply	2	IG1 power supply
3	High pressure	4	-
5	-	6	-
7	Recirculation/Fresh air motor -	8	Recirculation/Fresh air motor +
9	Mode damper motor +	10	Mode damper motor -
11	Left temperature damper motor -	12	Left temperature damper motor +
13	-	14	LIN signal line
15	-	16	Mode damper position signal

17	Left temperature damper position signal	18	-
19	Infotainment CAN-H	20	Infotainment CAN-L
21	Evaporator temperature sensor signal	22	Temperature and pressure sensor temperature feedback signal
23	Exterior temperature sensor signal	24	-
25	-	26	Sensor 5 V power supply
27	GND	28	Sensor analog GND
29	Blower control signal output	30	Negative feedback signal input of blower - active high
31	Blower positive feedback signal input	32	Recirculation/fresh air motor position signal

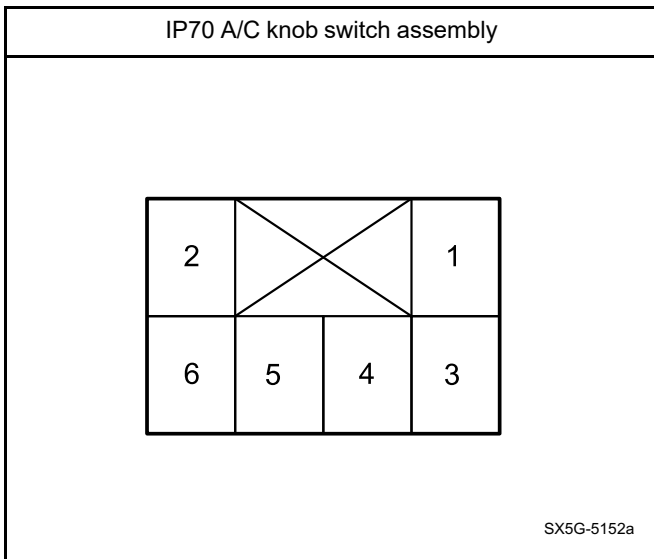
IP69B Automatic A/C controller B



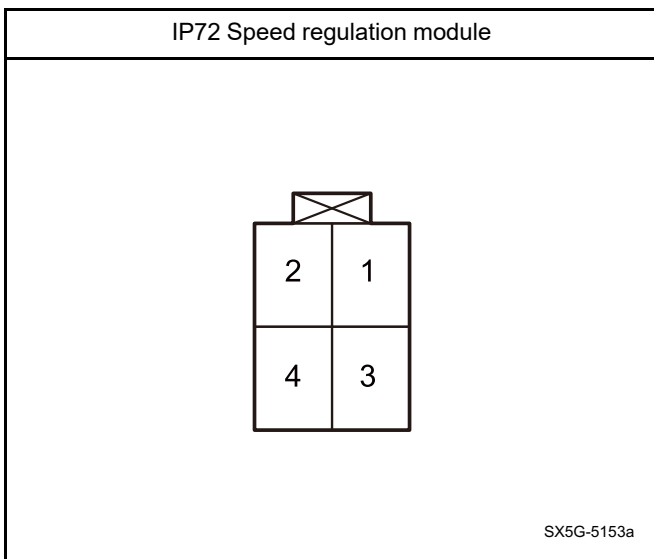
SX5G-5151a

1	PTC coolant pump signal	2	PTC coolant pump relay control
3	Coolant temperature sensor signal	4	Temperature and pressure sensor pressure feedback signal
5	High pressure sensor signal	6	-
7	-	8	A/C solenoid valve ground

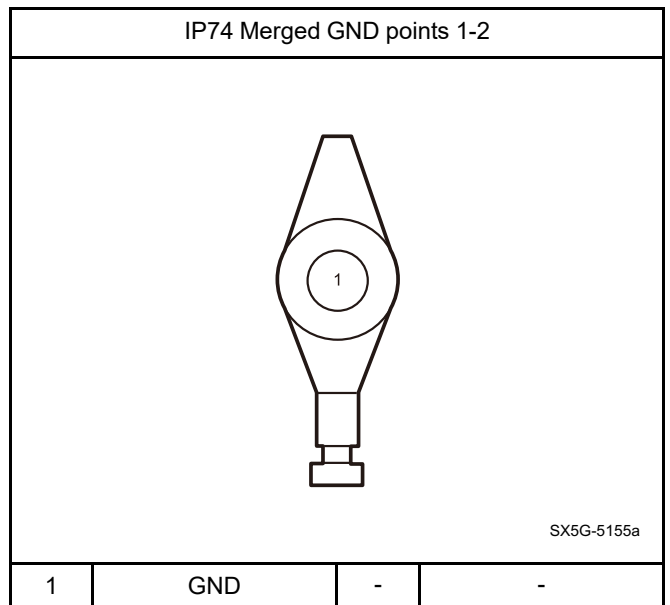
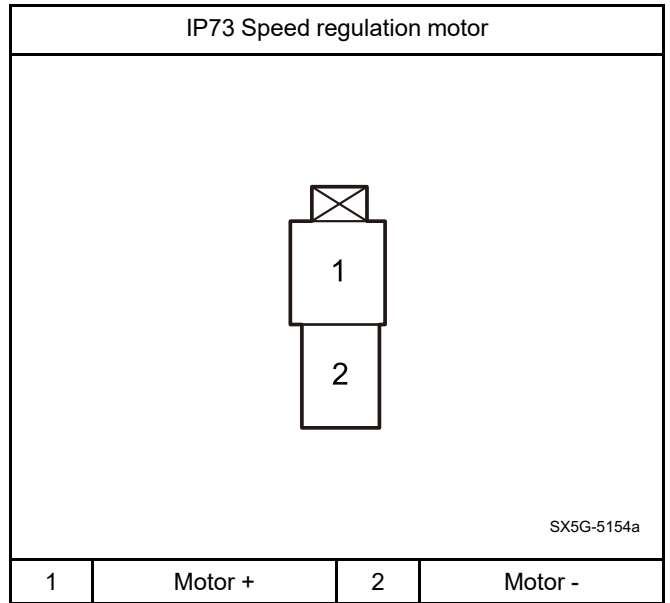
9	Relay control	10	Electronic expansion valve signal
11	-	12	-
13	-	14	-
15	-	16	-
17	-	18	-
19	-	20	-
21	-	22	-
23	-	24	-




1	GND	2	IG1 power supply
3	LIN signal line	4	Power supply
5	Backlight power supply	6	-



1	Motor -	2	Blower negative feedback signal input
3	Blower control signal output	4	GND



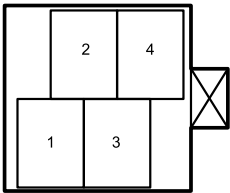
IP75 Merged GND point 2



SX5G-5156a

1	GND	-	-
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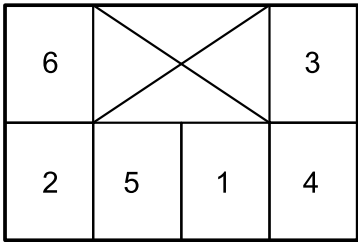
IP80 Yaw rate sensor



SX5G-5157a

1	GND	2	CAN-L
3	CAN-H	4	IG1 power supply

IP87 Rearview mirror automatic folding transition wire

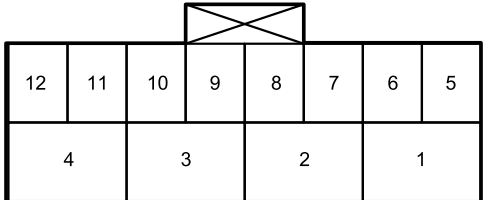


SX5G-5158a

1	Positive	2	Power supply
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3	Negative	4	GND
5	Electric folding signal	6	Negative

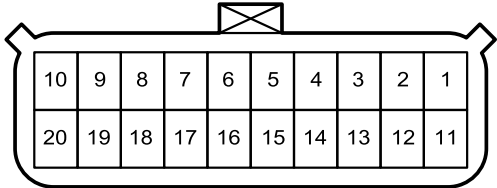
IP88 Audio head unit C



SX5G-5159a

1	-	2	ACC power supply
3	GND	4	Power supply
5	Infotainment CAN-L	6	Infotainment CAN-H
7	VSP+	8	VSP-
9	Right direction indicator output	10	Direction indicator power supply
11	-	12	-

IP90 EVCC



SX5G-5160a

1	Power supply	2	Powertrain CAN_L
3	Fast charging CAN-L	4	-
5	Electronic lock locking signal	6	-
7	Fast charging A+ wake-up	8	-

9	Charging confirmation PP signal	10	Charging confirmation CP signal
11	GND	12	Powertrain CAN_H
13	Fast charging CAN-H	14	-
15	Fast charging CC2 signal	16	-
17	-	18	Electronic lock status monitoring
19	Electronic lock unlocking signal	20	GND

IP100 Diagnostic interface

SX5G-5108a

89	Fast charging CAN-L	90	-
91	CAN-H	92	GND
93	GND	94	CAN-H
95	-	96	-
97	Fast charging CAN-H	98	-
99	CAN-L	100	-
101	-	102	CAN-L
103	-	104	Power supply

IP101 Audio head unit (DAB)

SX5G-5109a

1	Radio DAB signal	-	-
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IP102 Audio head unit (antenna amplifier)

SX5G-5110a

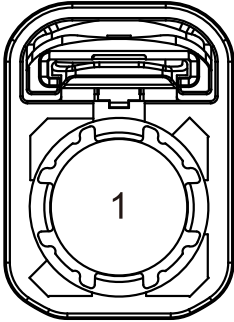
1	Radio AM/FM signal	-	-
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IP103 Radio

SX5G-5111a

1	Radio AM/FM signal	-	-
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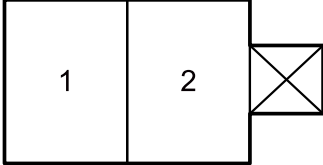
IP104 DAB antenna



SX5G-5112a

1	Radio DAB signal	-	-
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IP-FB3 Instrument panel wiring harness-engine compartment wiring harness(2PIN)



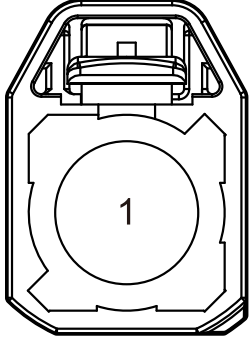
SX5G-5165a

IP-FB1 Instrument panel wiring harness-engine compartment wiring harness(left)

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

SX5G-5162a

IP-FB4 Instrument panel wiring harness-engine compartment wiring harness



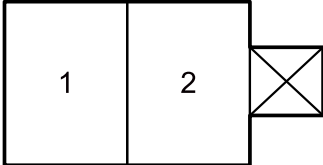
SX5G-5166a

IP-FB2 Instrument panel wiring harness-engine compartment wiring harness(left)

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

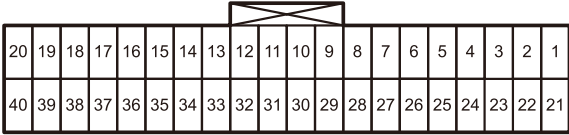
SX5G-5163a

IP-FB5 Instrument panel wiring harness-engine compartment wiring harness(2PIN)



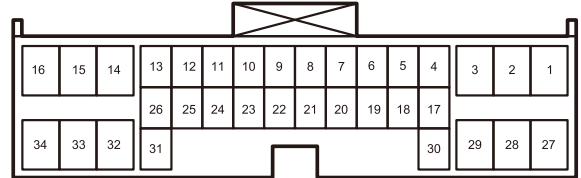
SX5G-5167a

IP-FB6 Instrument panel wiring harness-engine compartment wiring harness(right)



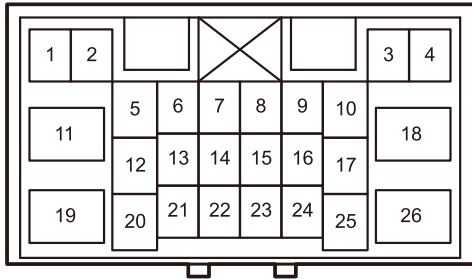
SX5G-5164a

IP-IP-1-1 Instrument panel wiring harness-center console wiring harness



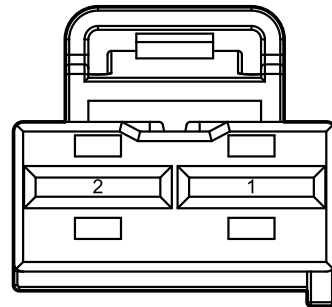
SX5G-5168a

IP-FR1 Instrument panel wiring harness-roof wiring harness



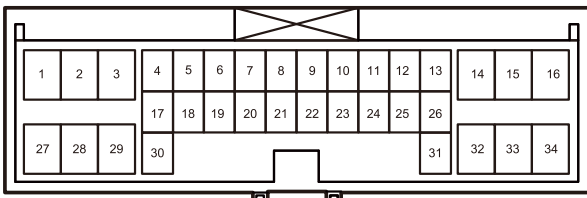
SX5G-5161a

IP-LB-1 Instrument panel wiring harness-left body wiring harness-1



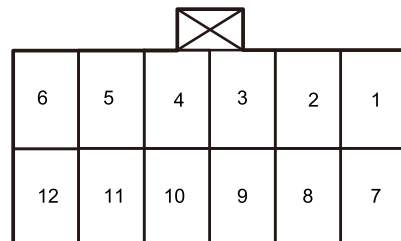
SX5G-5099a

IP-IP-1 Center console wiring harness-instrument panel wiring harness

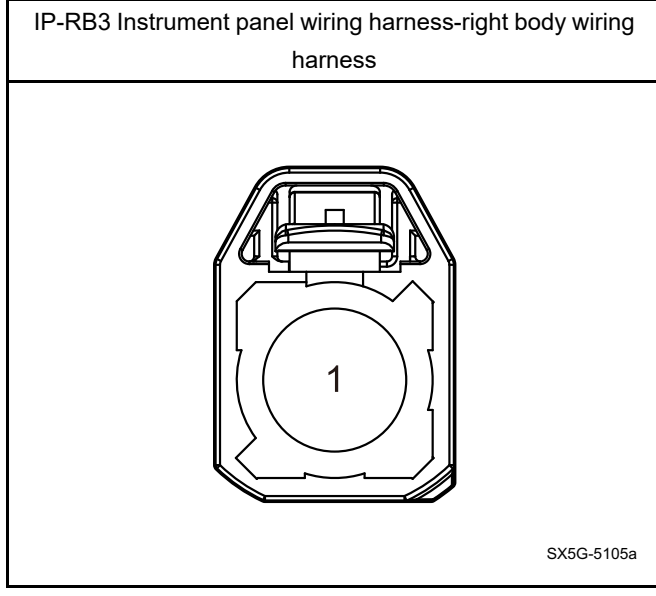
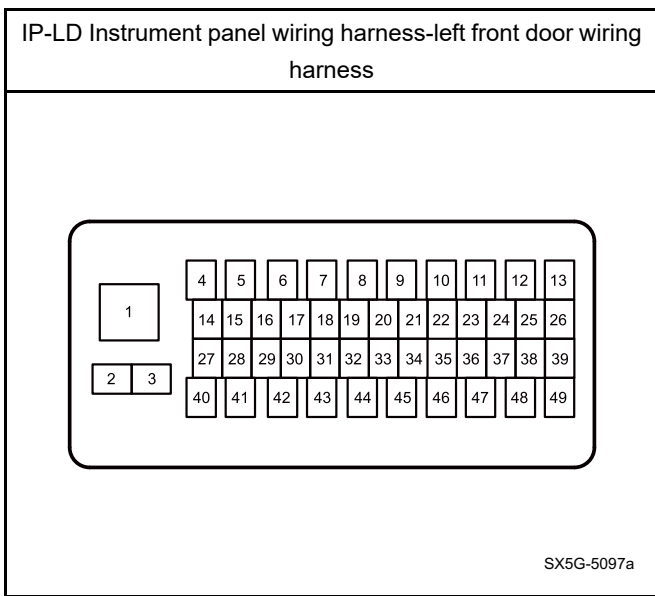
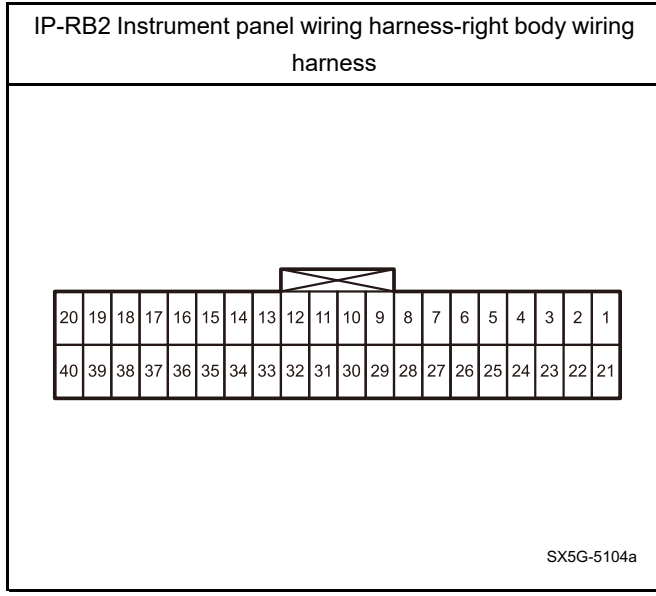
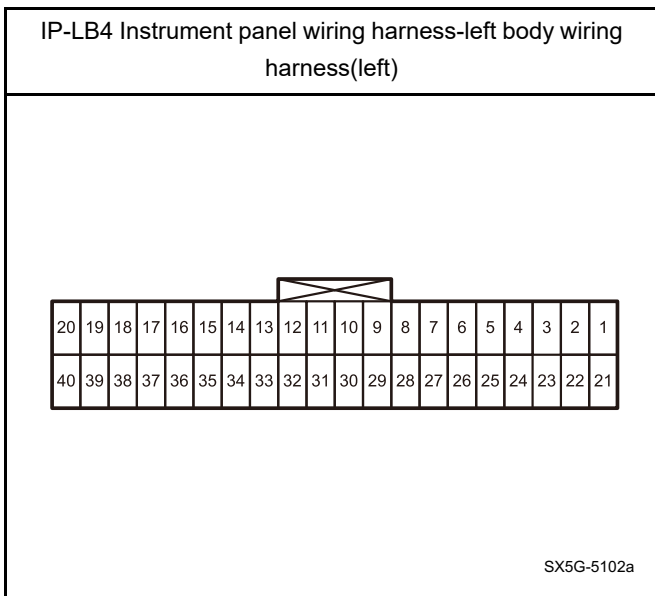
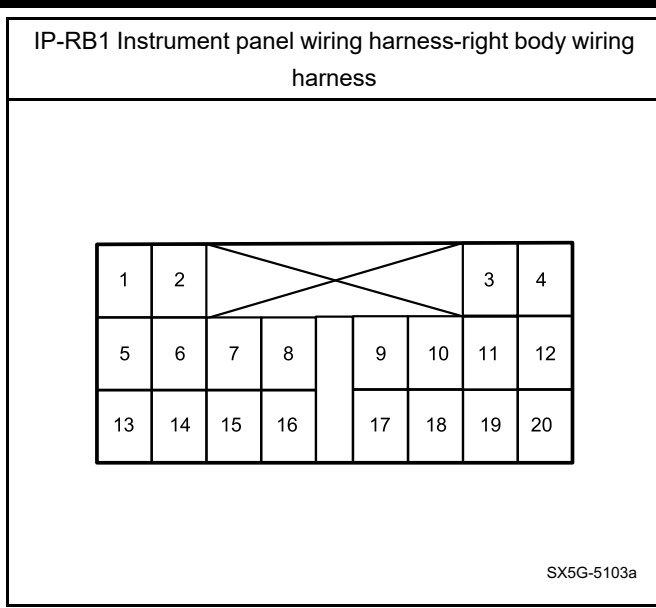
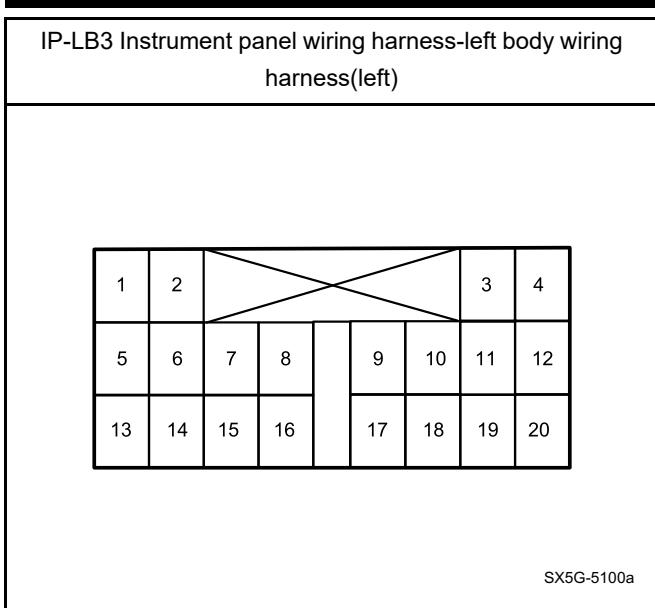


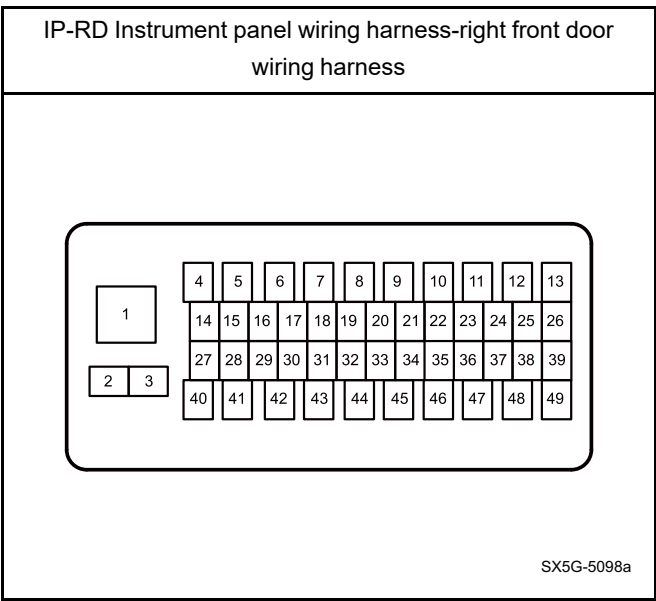
SX5G-5169a

IP-LB2 Instrument panel wiring harness-left body wiring harness(middle)

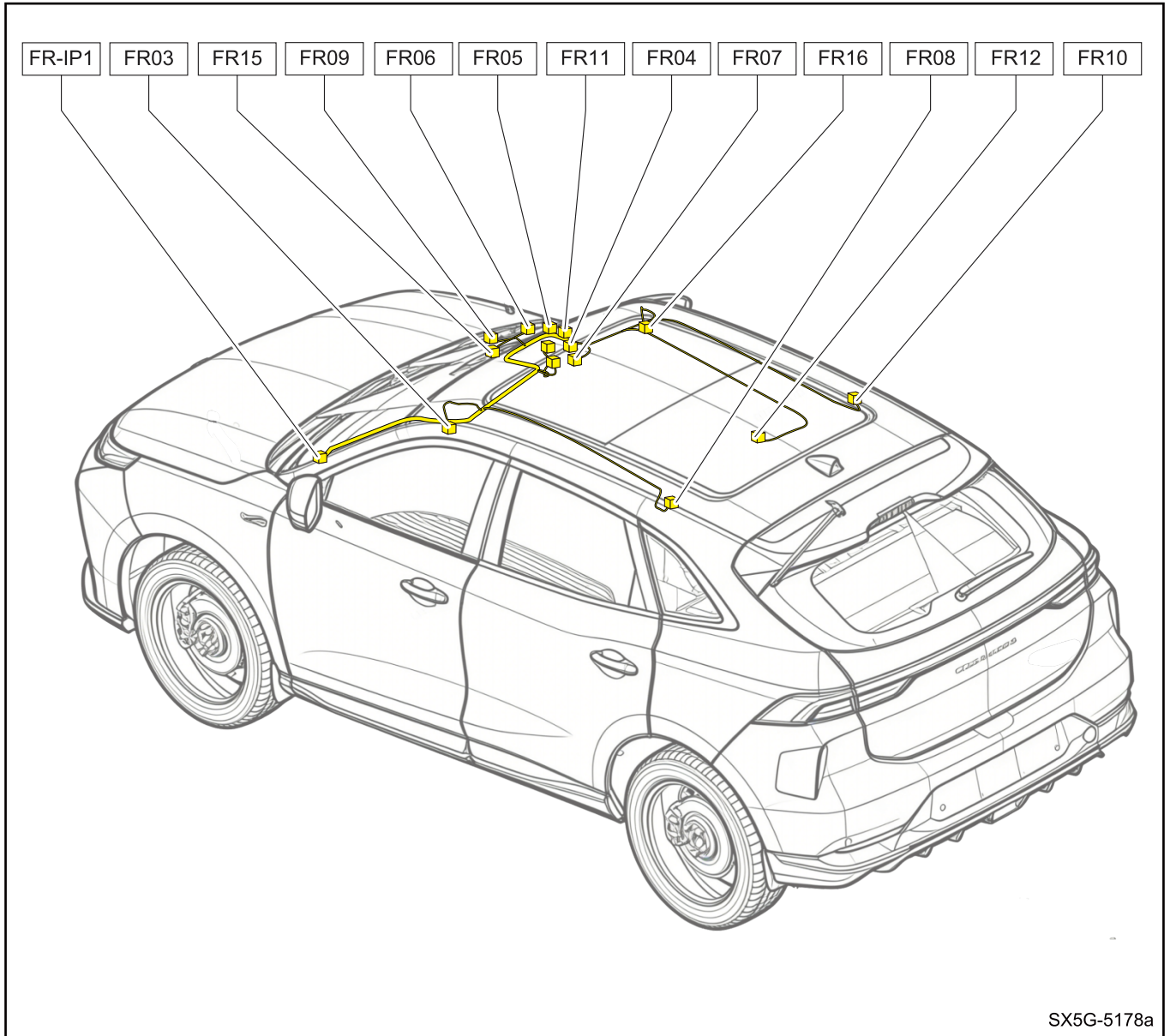


SX5G-5101a





Layout drawing of Roof Harnesses



List of roof harness connectors

Harness connector	Name	Harness connector	Name
FR03	Dashcam	FR10	Right compartment light
FR04	Front compartment light	FR11	ETC
FR05	Panoramic sunroof ECU	FR12	Rear compartment light
FR06	Driving assistance camera	FR15	Driver's sun visor LED.1
FR07	Microphone	FR16	Front passenger's sun visor LED.1
FR08	Left compartment light	FR-IP1	Roof wiring harness-instrument panel wiring harness
FR09	Rain/light sensor	-	-

Definition of roof harness terminal

FR03 Dashcam			
SX5G-5179a			
1	Power supply	2	IG1 power supply
3	-	4	Infotainment CAN-H
5	GND	6	-
7	-	8	Infotainment CAN-L

FR04 Front compartment light					
SX5G-5180a					
1	Power supply	2	Sunshade opening	3	Sunshade closing
4	Sunroof open	5	Interior light DOOR mode control GND	6	GND
7	-	8	-	9	GND
10	-	11	Sunroof closing	12	Door control signal

FR05 Panoramic sunroof ECU					
SX5G-5181a					
1	GND	2	Sunroof open	3	Sunroof closing
4	-	5	Power supply	6	-
7	Sunshade opening	8	Sunshade closing	9	-
10	-	10	LIN signal line		

FR06 Driving assistance camera							
SX5G-5182a							
1	-	2	GND	3	Safety CAN-L	4	-
5	-	6	-	7	-	8	Power supply
9	-	10	-	11	-	12	Safety CAN-H
13	-	14	-	15	-	16	IG1 power supply

FR07 Microphone

SX5G-5183a

1	MIC1+	2	MIC1-
3	MIC2+	4	MIC2-

FR08 Left compartment light

SX5G-5184a

1	Door control signal	2	Power supply
3	GND	4	-

FR09 Rain/light sensor

SX5G-5185a

1	Power supply	2	GND
3	LIN signal line	-	-

FR10 Right compartment light

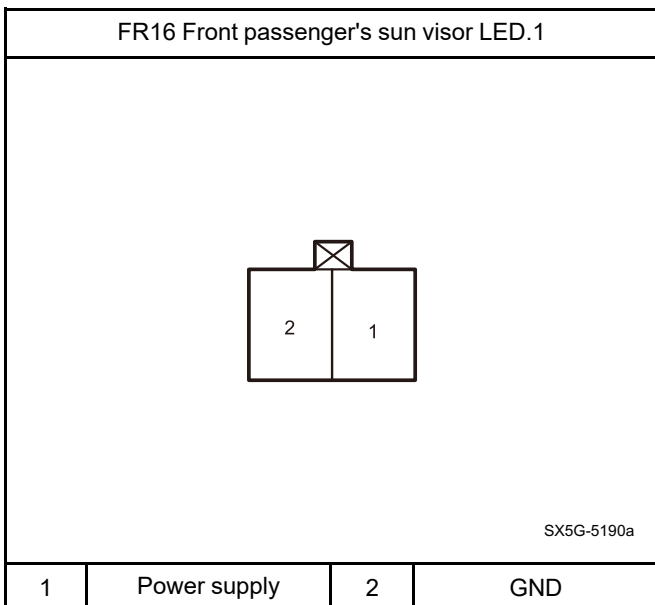
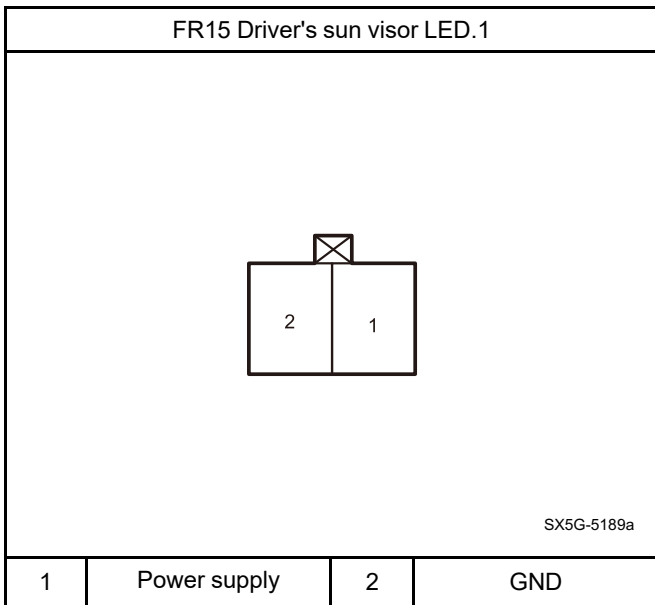
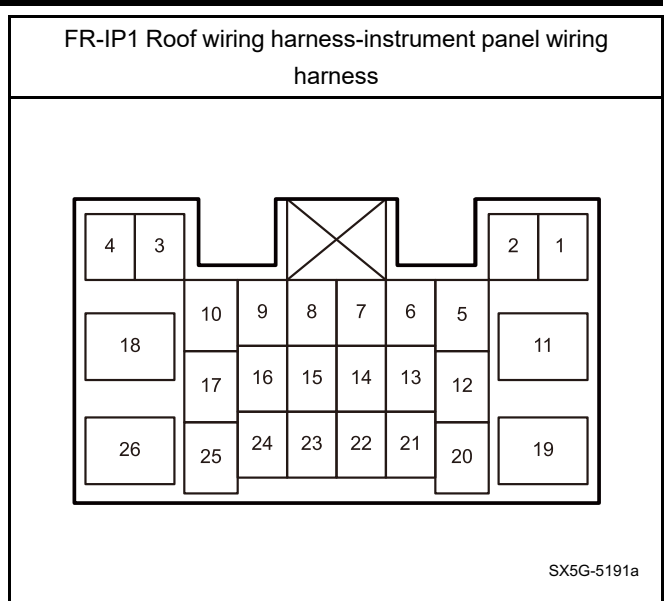
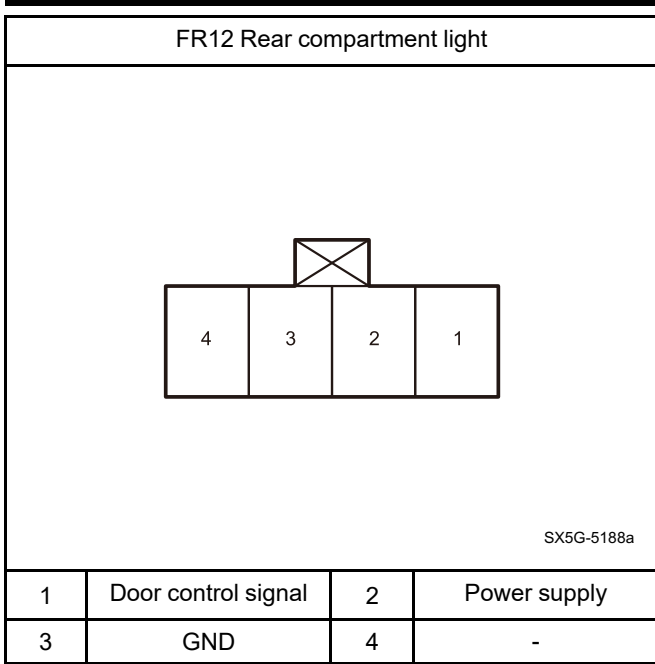
SX5G-5186a

1	Door control signal	2	Power supply
3	GND	4	-

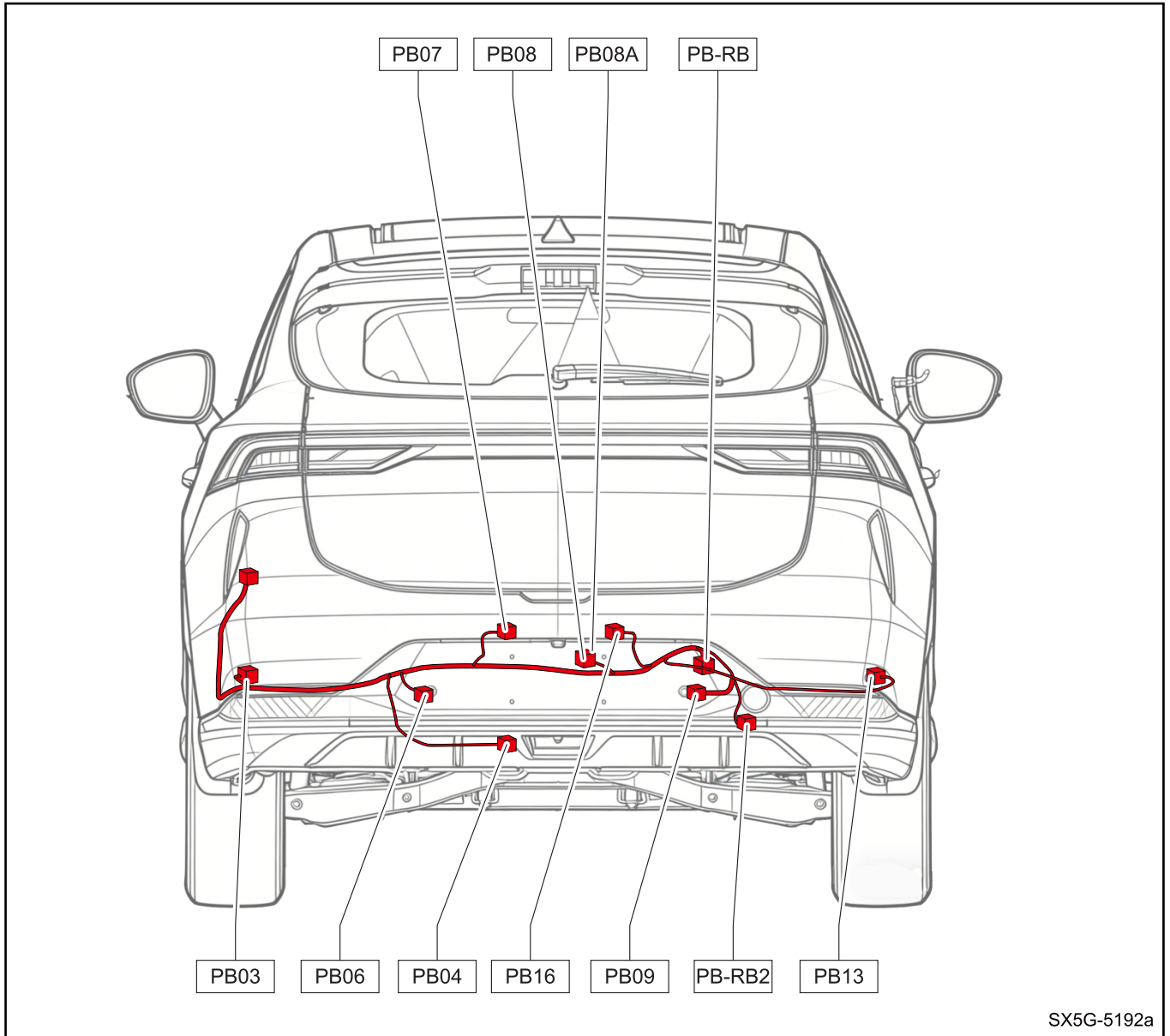
FR11 ETC

SX5G-5187a

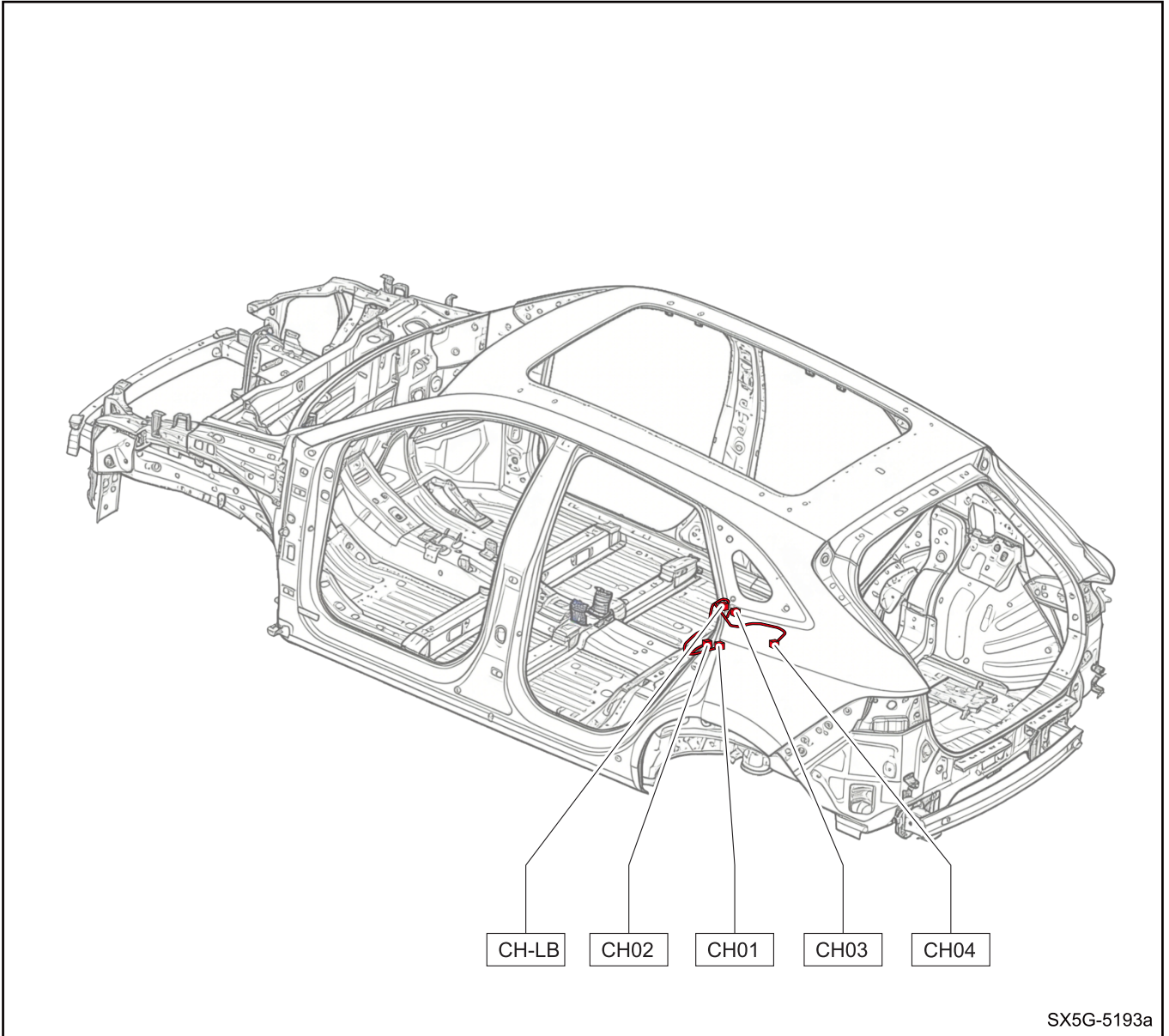
1	Power supply	2	IG1 power supply
3	GND	4	-



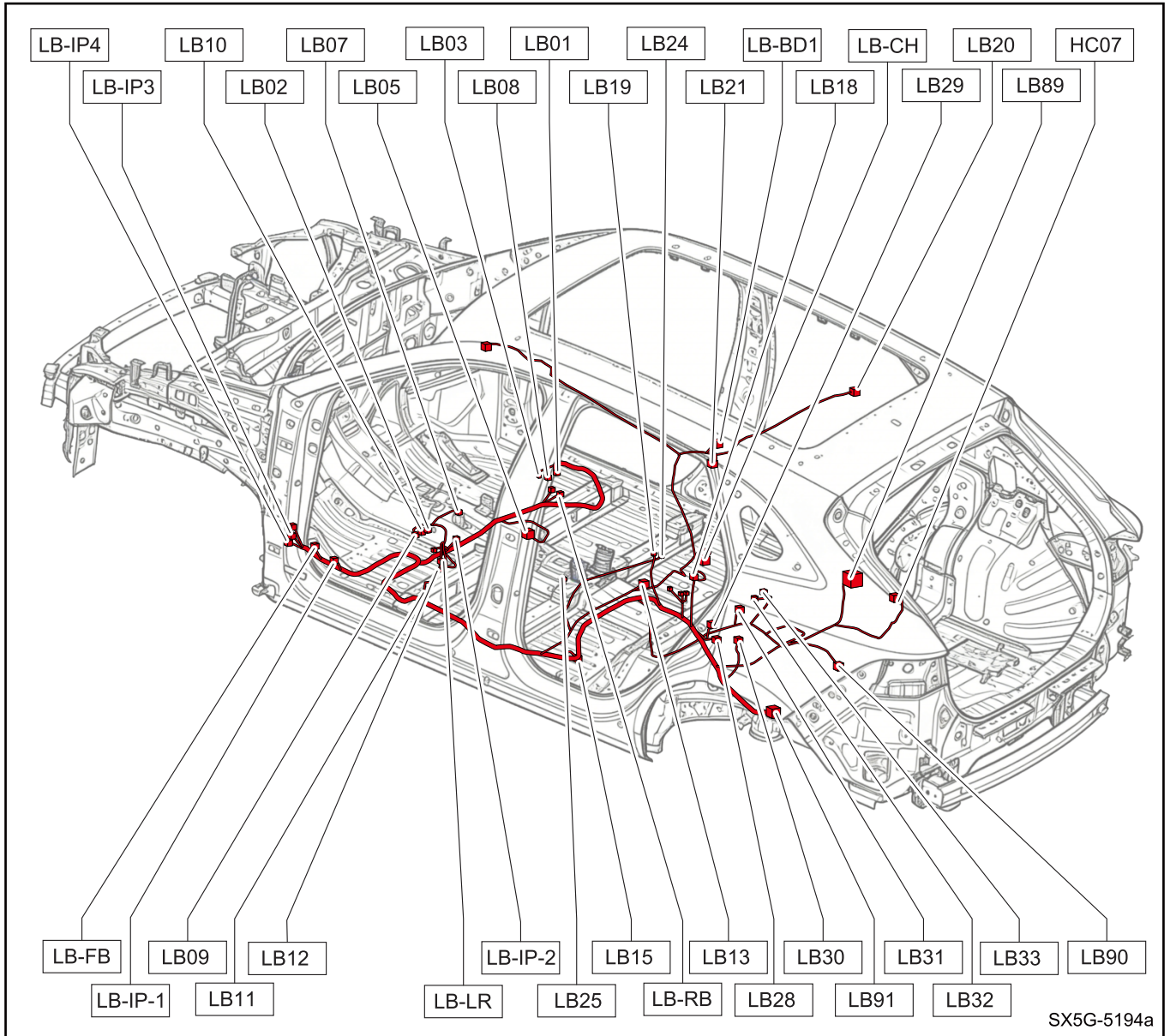
Layout drawing of rear bumper harnesses



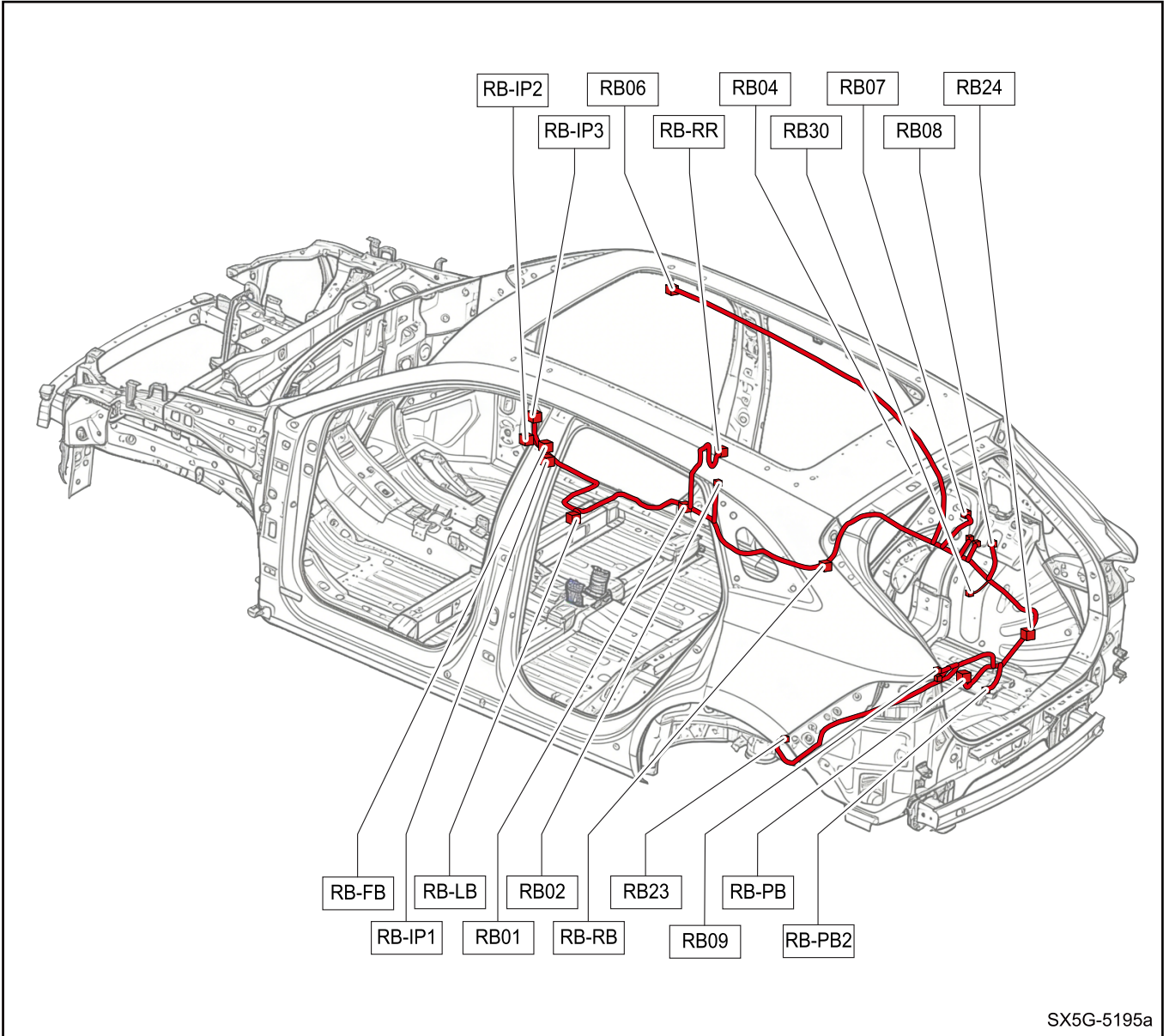
Layout drawing of chassis harness



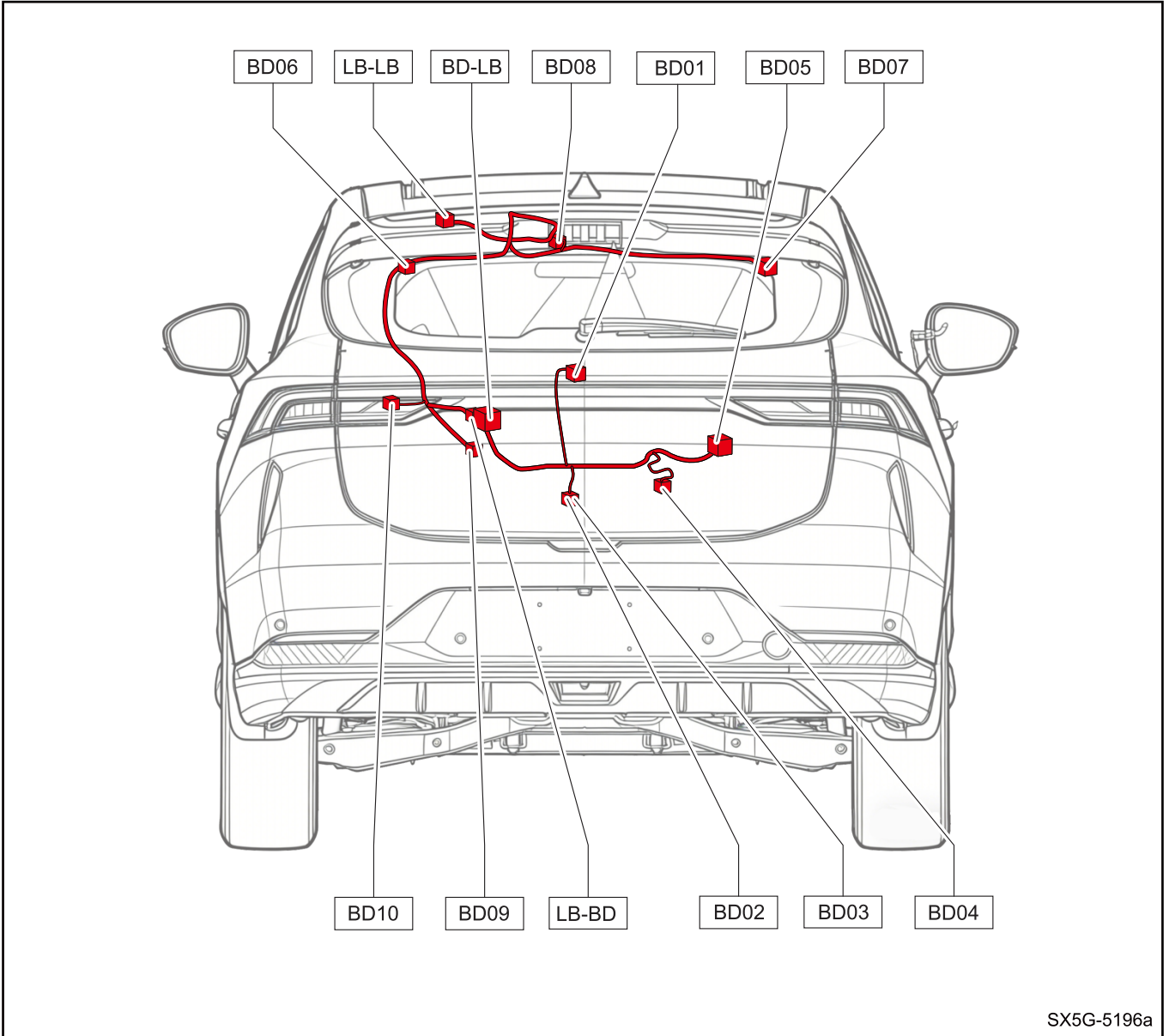
Layout drawing of left body harness



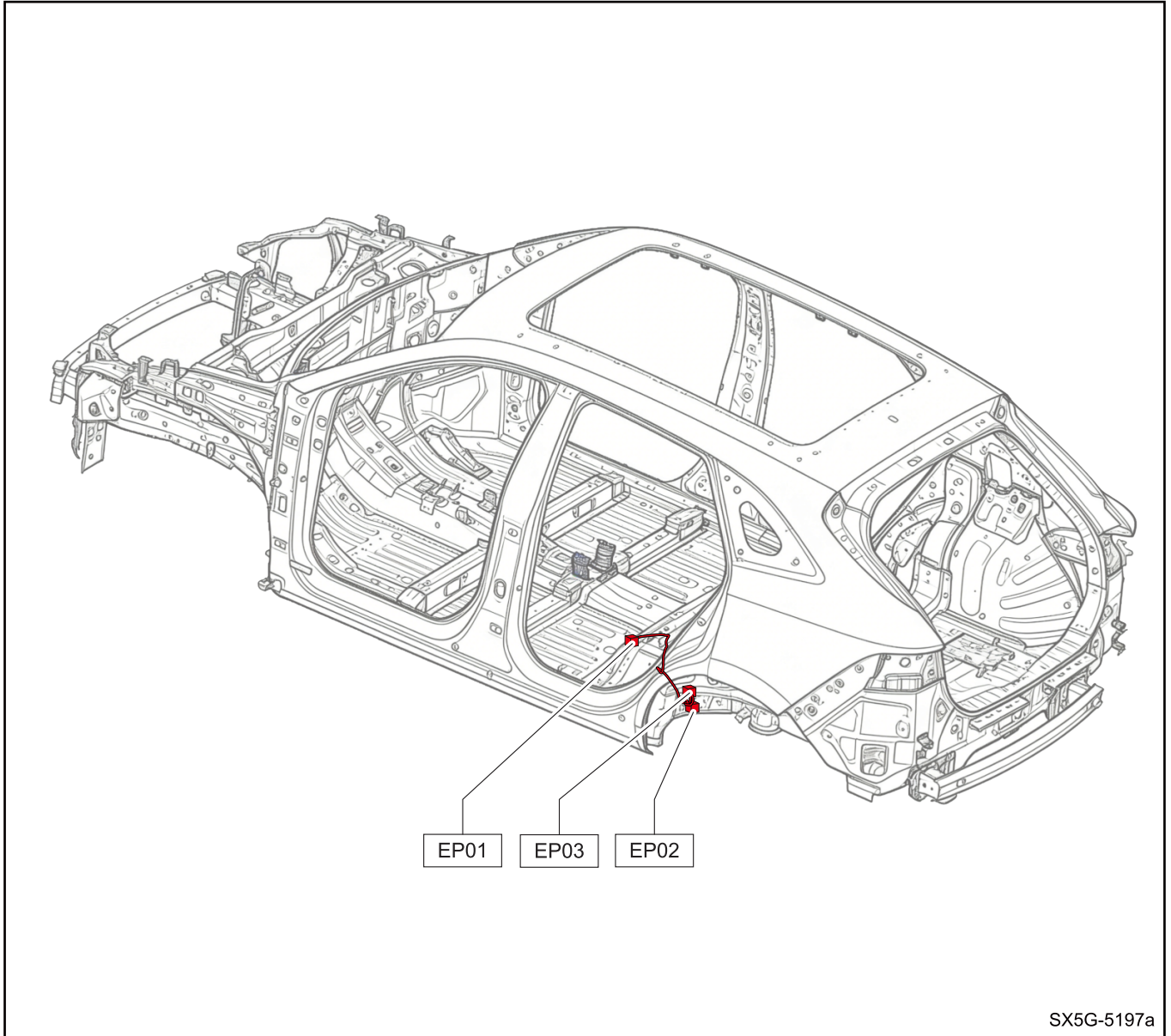
Layout drawing of right body harness



Layout drawing of tailgate harnesses

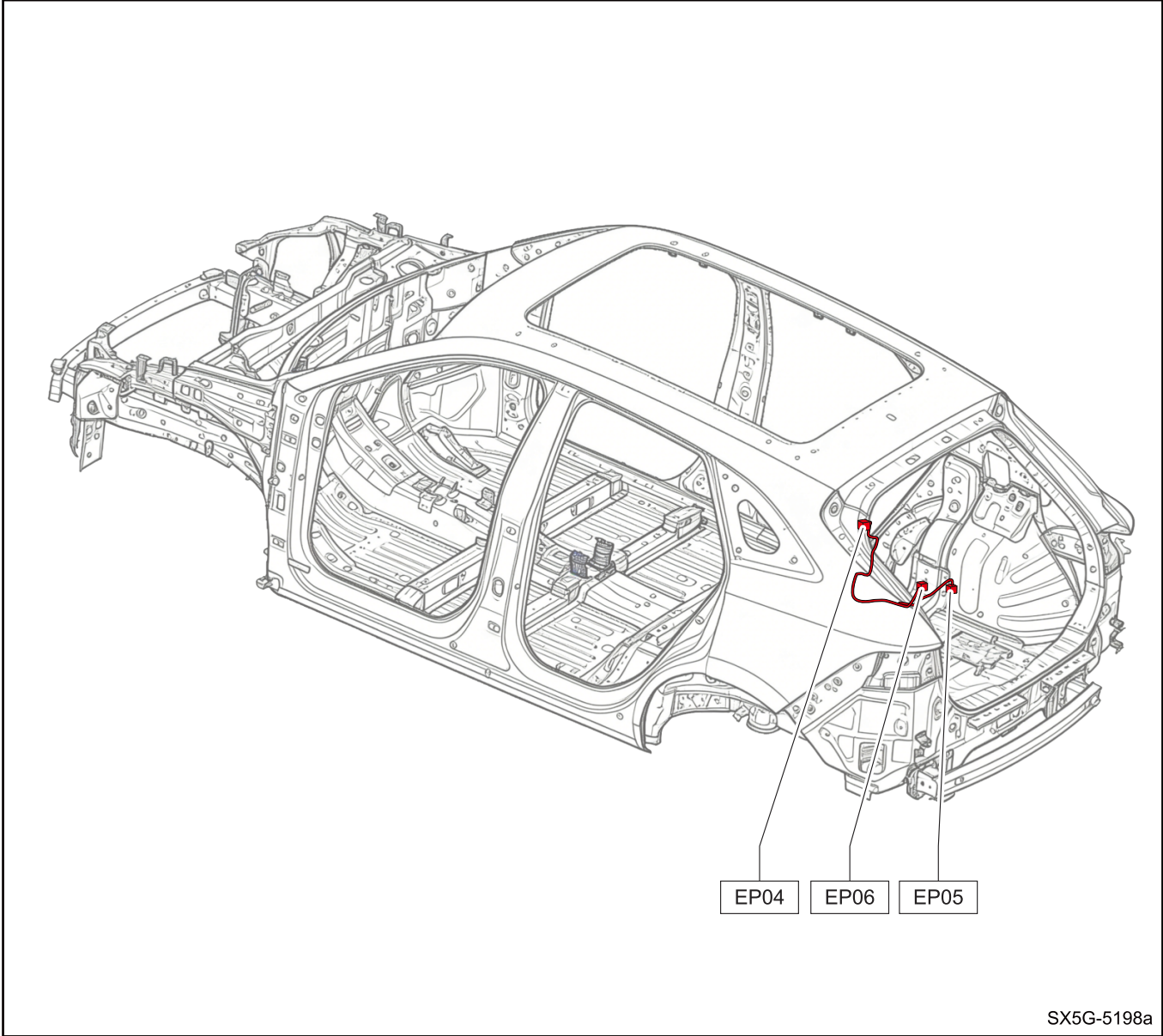


Layout drawing of left caliper harness



SX5G-5197a

Layout drawing of right caliper harness



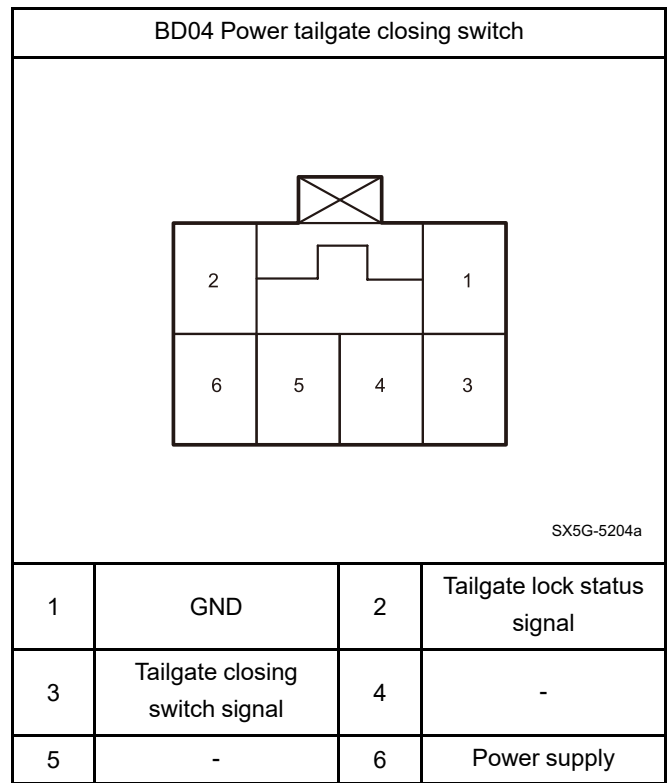
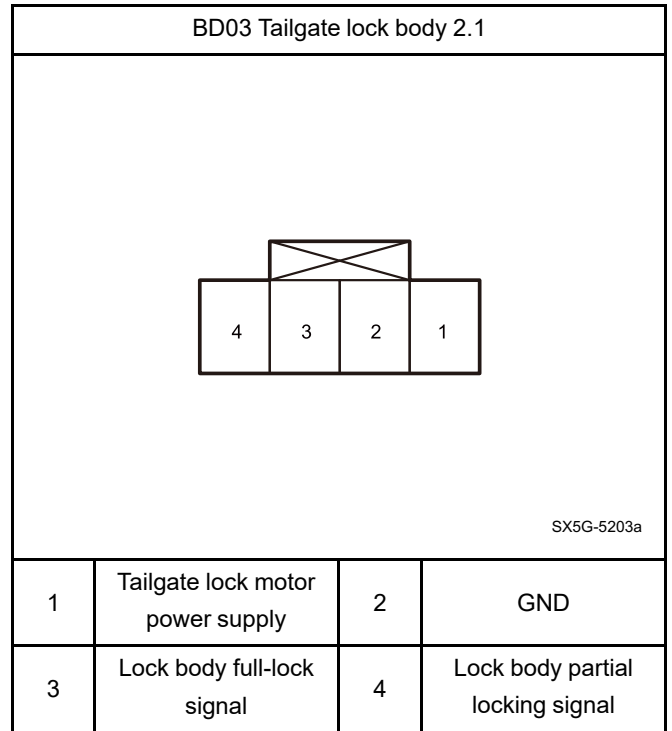
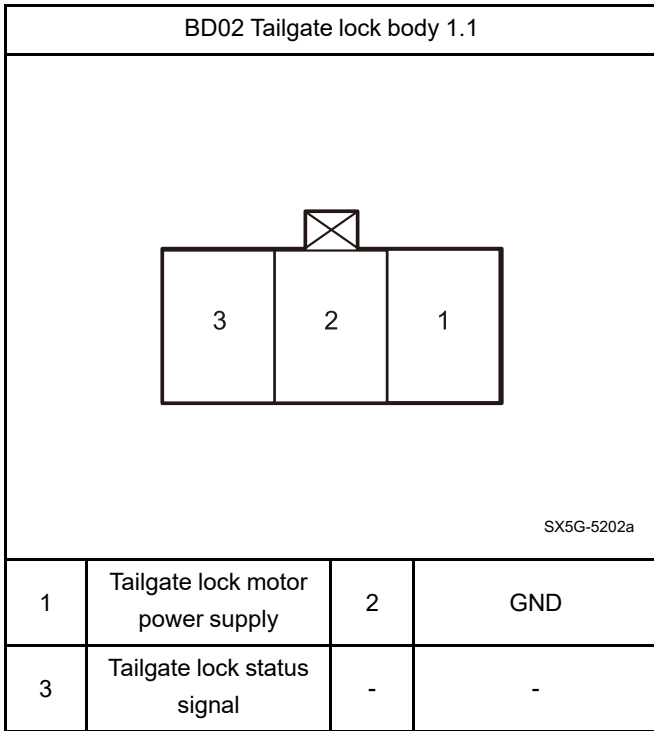
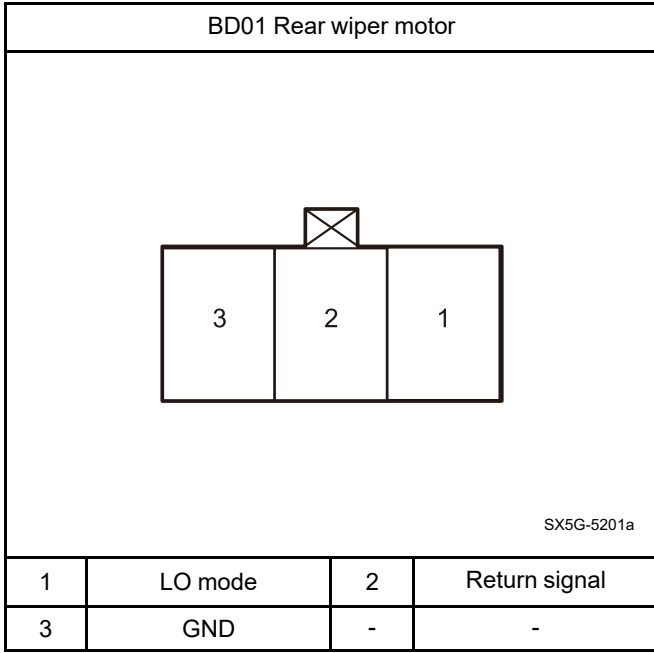
SX5G-5198a

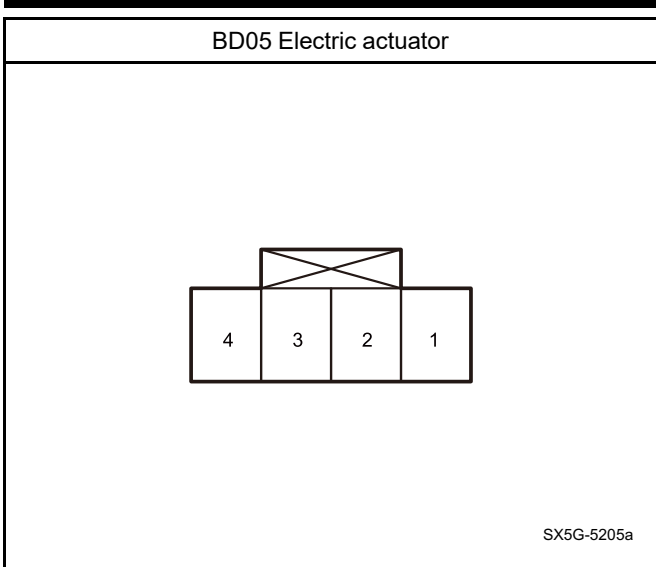
List of floor harness connectors

Harness connector	Name	Harness connector	Name
BD01	Rear wiper motor	LB33	Rear right seat belt buckle
BD02	Tailgate lock body 1.1	LB35	Fuel pump GND
BD03	Tailgate lock body 2.1	LB89	Battery +
BD04	Power tailgate closing switch	LB90	Carbon canister shut-off valve
BD05	Electric actuator	LB91	MCU LV port
BD06	Rear defroster GND	LB-BD	Left body wiring harness-rear door wiring harness
BD07	Rear defroster power supply	LB-BD1	Left body wiring harness-rear door transition wiring harness
BD08	High-mount brake light	LB-CH	Left body wiring harness-chassis wiring harness
BD09	Microswitch	LB-FB	Left body wiring harness-engine compartment wiring harness(left)
BD10	Rear combination light B	LB-IP-1	Left body wiring harness-instrument panel wiring harness-1
BD-LB	Tailgate wiring harness-left body wiring harness	LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)
CH01	Fuel tank pressure sensor - large range or carbon canister pressure sensor	LB-IP3	Left body wiring harness-instrument panel wiring harness(left)
CH02	Fuel pump	LB-IP4	Left body wiring harness-instrument panel wiring harness(left)
CH03	Fuel tank isolation valve	LB-LB	Rear door transition wiring harness-left body wiring harness
CH04	Fuel tank differential pressure sensor - small range with silver-plated terminals	LB-LR	Left body wiring harness-rear door wiring harness
CH-LB	Chassis wiring harness-left body wiring harness	LB-RB	Left body wiring harness-right body wiring harness
EP01	Left caliper wiring harness-left body wiring harness	PB03	Rear left radar probe
EP02	Rear left wheel speed sensor	PB04	Rear fog light
EP03	Left caliper motor	PB06	Rear left middle radar probe
EP04	Right caliper wiring harness-right body wiring harness	PB07	Left license plate light. 1
EP05	Rear right wheel speed sensor	PB08	Rear camera
EP06	Right caliper motor	PB08a	Rear camera
HC07	Battery sensor	PB09	Rear right middle radar probe
LB01	Driver's seat	PB13	Main radar probe
LB02	Left airbag	PB16	Right license plate light .1

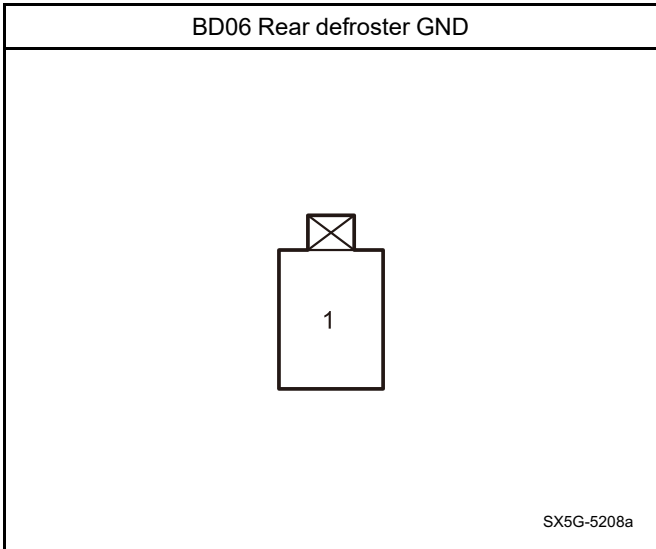
Harness connector	Name	Harness connector	Name
LB03	Driver's seat belt buckle	PB-RB	Rear bumper wiring harness-right body wiring harness
LB04	Body GND point 1.1	PB-RB2	Rear bumper wiring harness-right body wiring harness
LB05	Airbag ECU	RB01	Right side collision sensor
LB07	Front passenger's seat belt buckle	RB02	Front right seat belt pretensioner
LB08	Right airbag	RB04	Rear right seat belt pretensioner
LB09	Front passenger's seat	RB06	Right side curtain airbag
LB10	Front passenger's seat sensing	RB07	Filler solenoid valve
LB11	Left side collision sensor	RB08	Rear right combination light A
LB12	Front-row left side primary seat belt pretensioner	RB09	Tailgate antenna
LB13	Interior rear antenna	RB10	Body GND point 2.1
LB15	Left body wiring harness-caliper wiring harness	RB11	Body GND point 1.1
LB16	Body GND point	RB23	Left corner radar-main
LB17	Body GND point	RB24	Right corner radar
LB18	Trunk light	RB30	120 Ω terminal resistor
LB19	Rear left seat belt pretensioner	RB-FB	Right body wiring harness-engine compartment wiring harness
LB20	Left side curtain airbag	RB-IP1	Right body wiring harness-instrument panel wiring harness
LB21	Left power stay bar	RB-IP2	Right body wiring harness-instrument panel wiring harness
LB24	Rear right seat cushion heating	RB-IP3	Right body wiring harness-instrument panel wiring harness3
LB25	Rear left seat cushion heating	RB-LB	Right body wiring harness-left body wiring harness
LB28	Power tailgate ECU A	RB-PB	Right body wiring harness-rear bumper wiring harness
LB29	Power tailgate ECU B	RB-PB2	Right body wiring harness-rear bumper wiring harness
LB30	Rear left combination light A	RB-RB	Right body wiring harness-caliper wiring harness
LB31	Rear left seat belt buckle	RB-RR	Right body wiring harness-right rear door wiring harness
LB32	Rear middle seat belt buckle	-	-

Definition of floor harness terminal

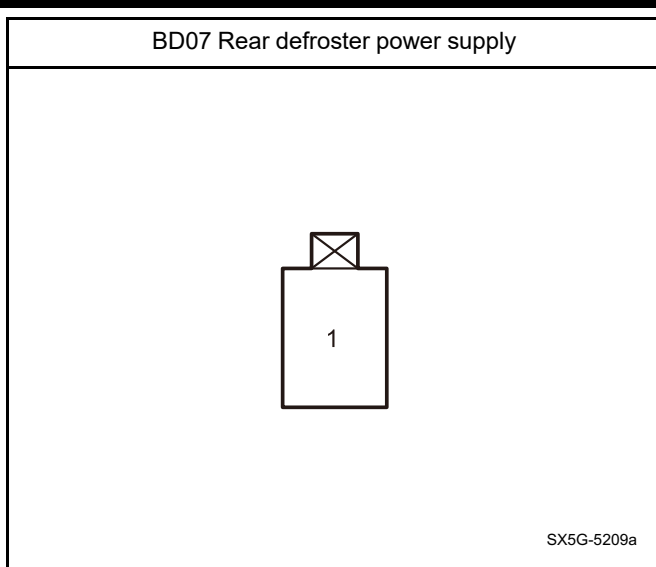




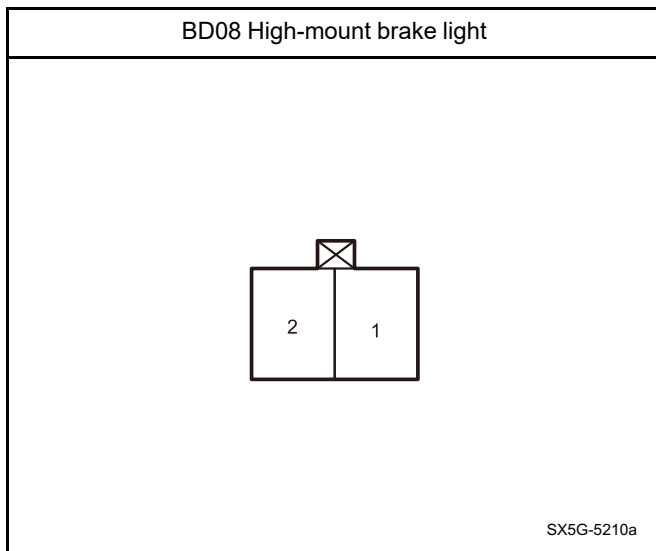
1	Motor shutdown signal	2	Lock body zero-position signal
3	GND	4	Motor start signal



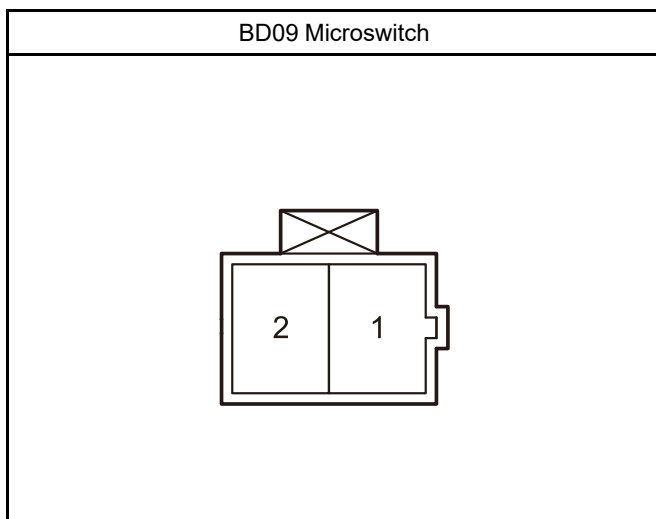
1	GND	-	-
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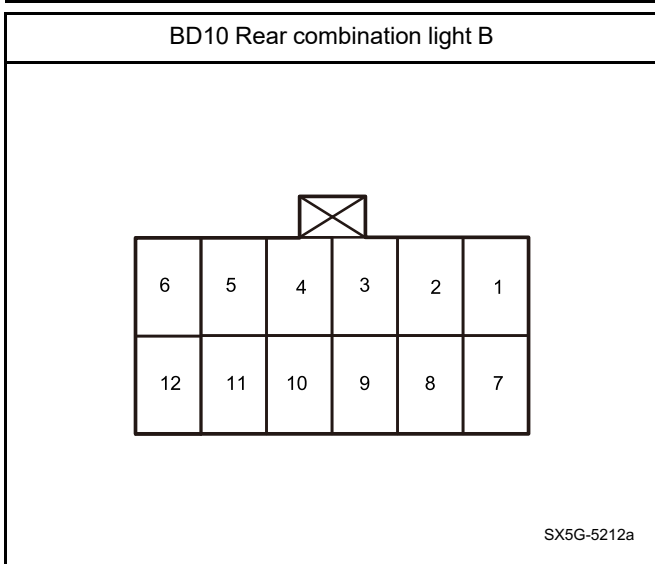
1	Rear defroster power supply	-	-
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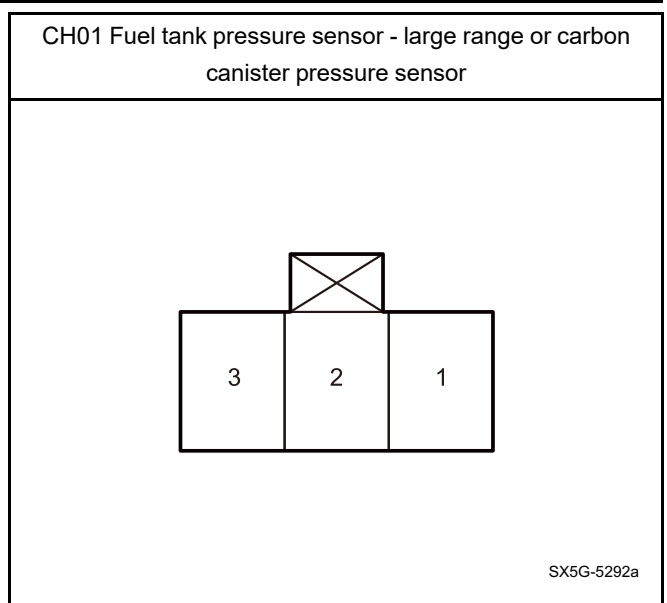
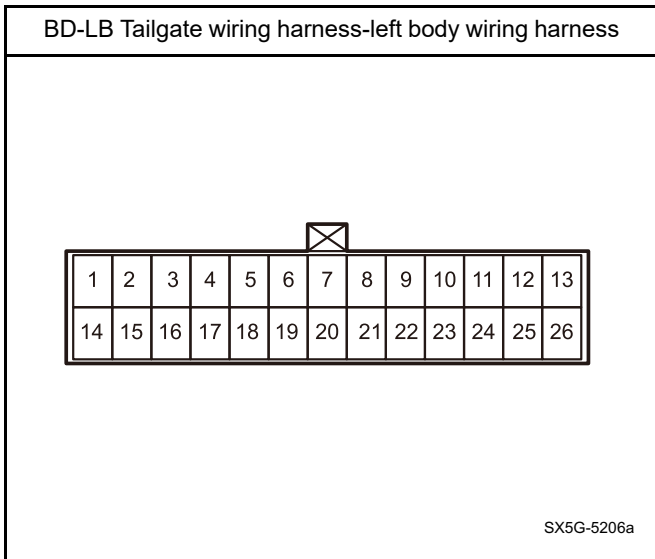
1	GND	2	Power supply
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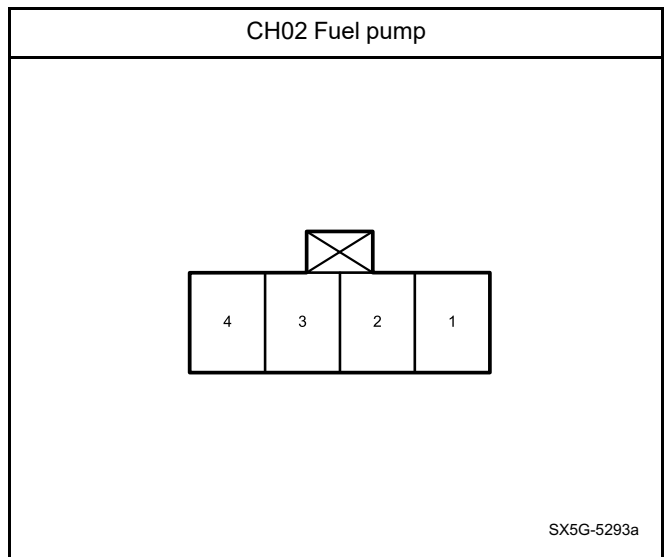
1	Switch +	2	Switch -
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1	GND	2	Position light power supply
3	Reversing light power supply	4	Left direction indicator power supply
5	Right direction indicator power supply	6	Left direction indicator fault signal feedback
7	Right direction indicator fault signal feedback	8	Left sequential direction indicator
9	Right sequential direction indicator	10	Brake light power supply
11	-	12	-

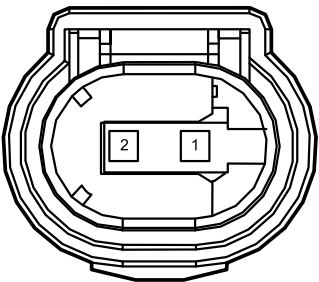


1	Sensor 5V power supply	2	Sensor signal
3	Sensor GND	-	-



1	Power supply	2	GND
3	Fuel level sensor signal	4	Fuel level sensor GND

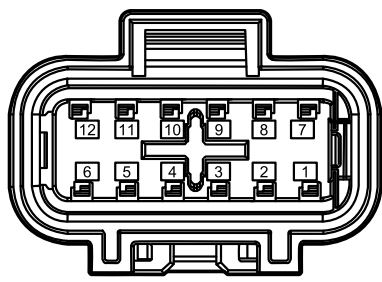
CH03 Fuel tank isolation valve



SX5G-5294a

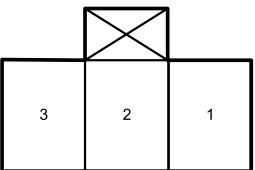
1	Signal	2	Power supply
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CH-LB Chassis wiring harness-left body wiring harness



SX5G-5268a

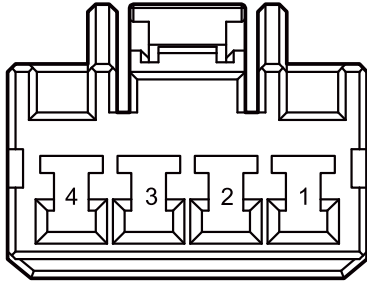
CH04 Fuel tank differential pressure sensor - small range with silver-plated terminals



SX5G-5295a

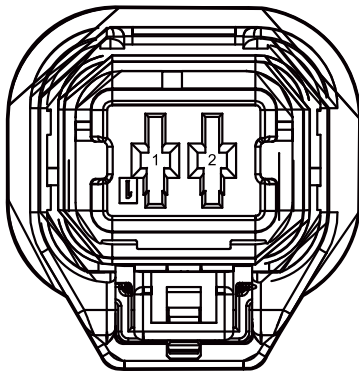
1	Sensor signal	2	Sensor GND
3	Sensor 5V power supply	-	-

EP01 Left caliper wiring harness-left body wiring harness



SX5G-5266a

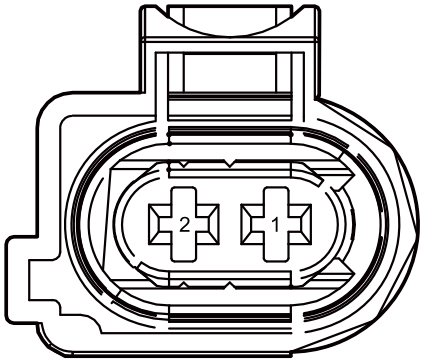
EP02 Rear left wheel speed sensor



SX5G-5288a

1	Positive	2	Negative
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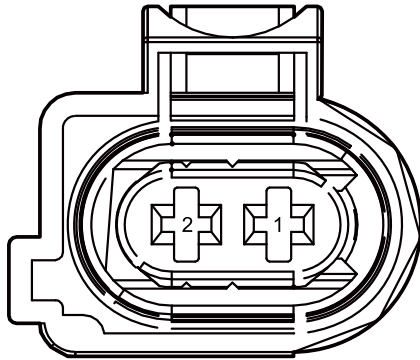
EP03 Left caliper motor



SX5G-5289a

1	Negative	2	Positive
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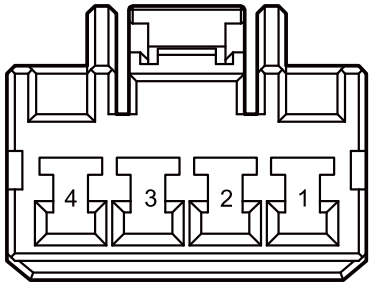
EP06 Right caliper motor



SX5G-5291a

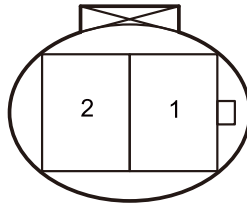
1	Negative	2	Positive
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EP04 Right caliper wiring harness-right body wiring harness



SX5G-5286a

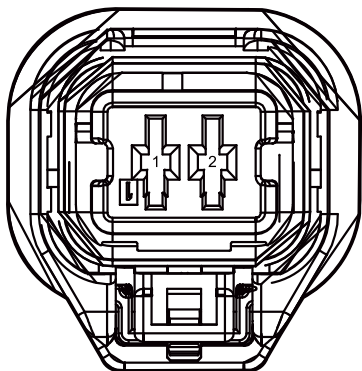
HC07 Battery sensor



SX5G-5228a

1	Signal	2	Power supply
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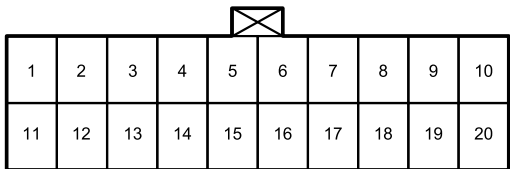
EP05 Rear right wheel speed sensor



SX5G-5290a

1	Negative	2	Positive
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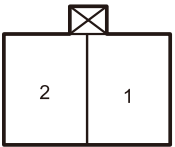
LB01 Driver's seat



SX5G-5229a

1	Motor power supply +	2	Heating/ECU/lumbar support power supply
3	-	4	Comfort CAN-H
5	Comfort CAN-L	6	LIN signal line
7	-	8	Front passenger's seat cushion fan PWM
9	Front passenger's seat backrest fan PWM	10	-
11	Motor/ECU/heating/ventilation GND	12	-
13	Front passenger's seat heating +	14	-
15	Temperature sensor +	16	Temperature sensor -
17	Signal	18	GND
19	-	20	IG1 power supply

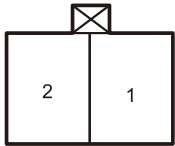
LB02 Left airbag



SX5G-5230a

1	Positive	2	Negative
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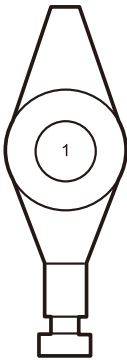
LB03 Driver's seat belt buckle



SX5G-5231a

1	Driver seat belt GND	2	Unfastened driver's seat belt signal
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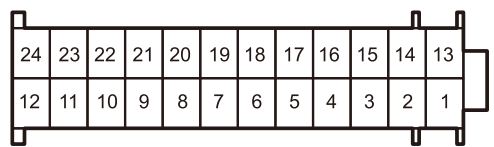
LB04 Body GND point 1.1



SX5G-5232a

1	GND	-	-
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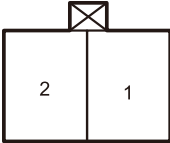
LB05 Airbag ECU

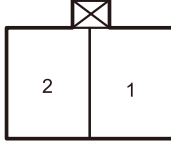


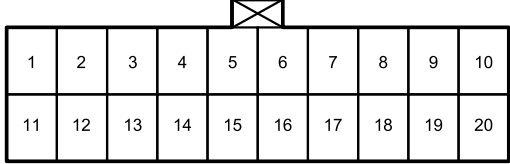
SX5G-5233a

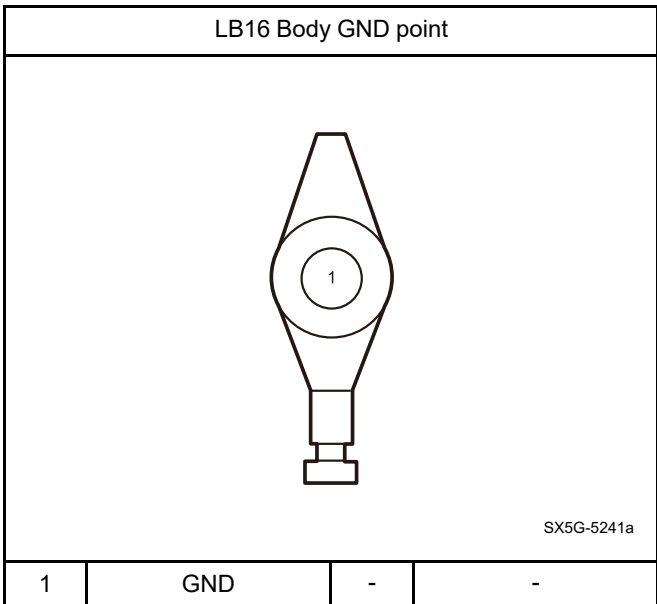
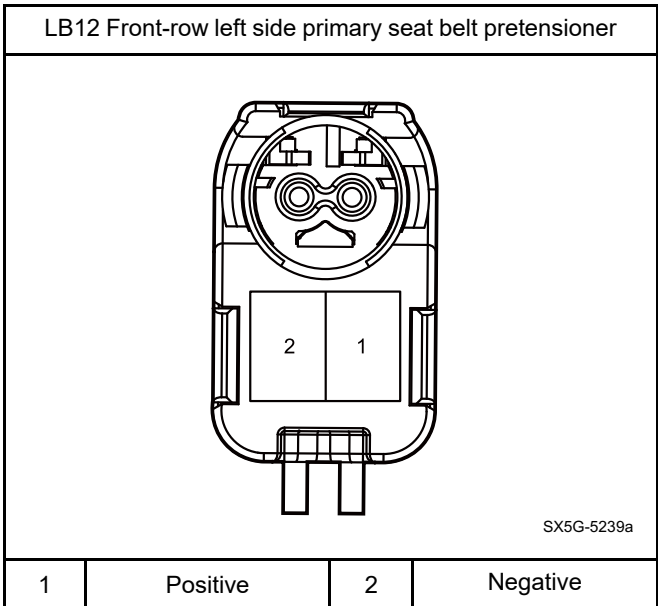
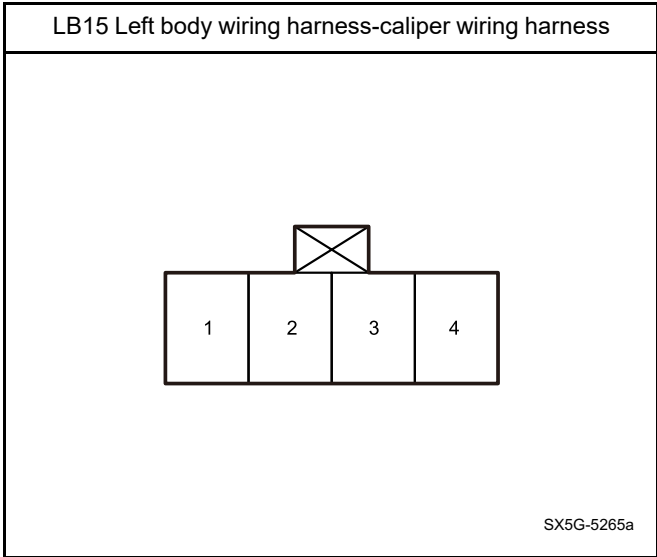
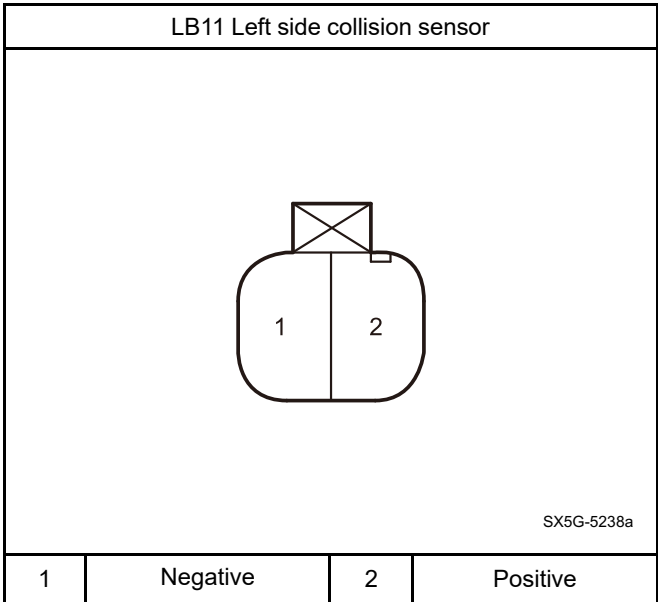
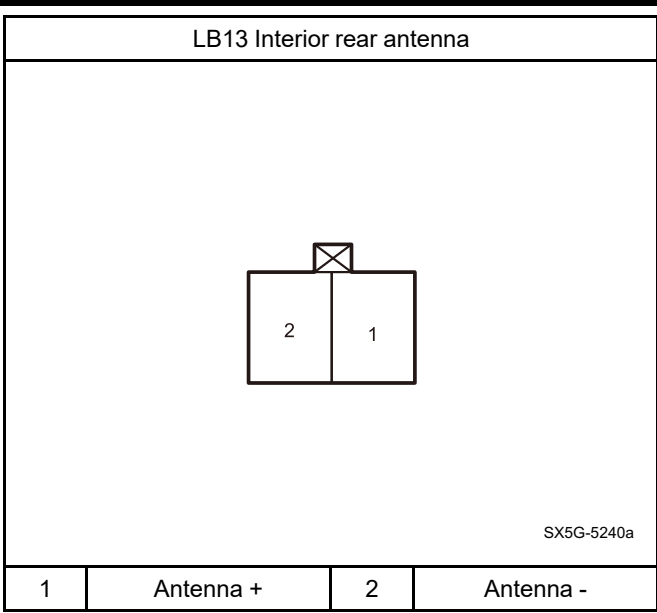
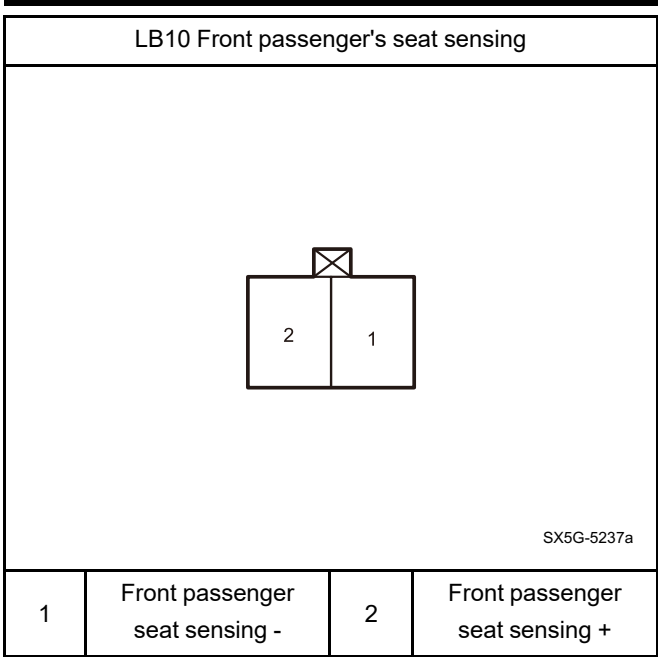
1	-	2	-
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3	-	4	-
5	Rear right seat belt pretensioner -	6	Rear right seat belt pretensioner +
7	Rear left seat belt pretensioner +	8	Rear left seat belt pretensioner -
9	Driver side collision sensor +	10	Driver side collision sensor -
11	Passenger side collision sensor -	12	Passenger side collision sensor +
13	-	14	-
15	-	16	-
17	Driver side airbag -	18	Driver side airbag +
19	Passenger side airbag +	20	Passenger side airbag -
21	Driver side curtain airbag -	22	Driver side curtain airbag +
23	Passenger side curtain airbag +	24	Passenger side curtain airbag -


LB07 Front passenger's seat belt buckle			
			
SX5G-5234a			
1	Sensor GND	2	Unfastened passenger's seat belt signal

LB08 Right airbag			
			
SX5G-5235a			
1	Positive	2	Negative

LB09 Front passenger's seat			
			
SX5G-5236a			
1	Motor power supply	2	-
3	-	4	-
5	-	6	-
7	-	8	Front passenger's seat cushion fan PWM
9	Front passenger's seat backrest fan PWM	10	-
11	Motor & ventilation and heating GND	12	-
13	Front passenger's seat heating +	14	Front passenger seat heating -
15	Temperature sensor +	16	Temperature sensor -
17	-	18	-
19	-	20	IG1 power supply



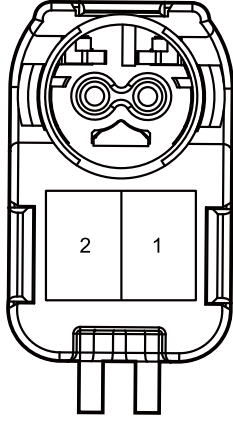
LB17 Body GND point



SX5G-5242a

1	GND	-	-
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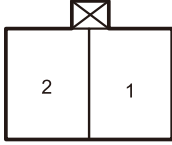
LB20 Left side curtain airbag



SX5G-5245a

1	Positive	2	Negative
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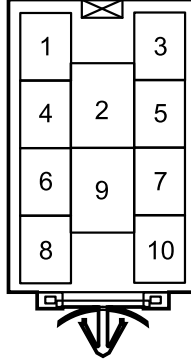
LB18 Trunk light



SX5G-5243a

1	Signal	2	Power supply
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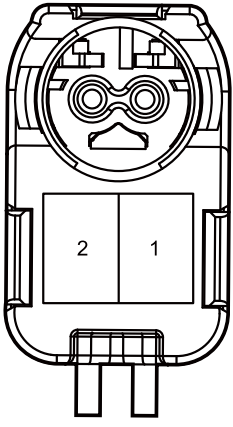
LB21 Left power stay bar



SX5G-5246a

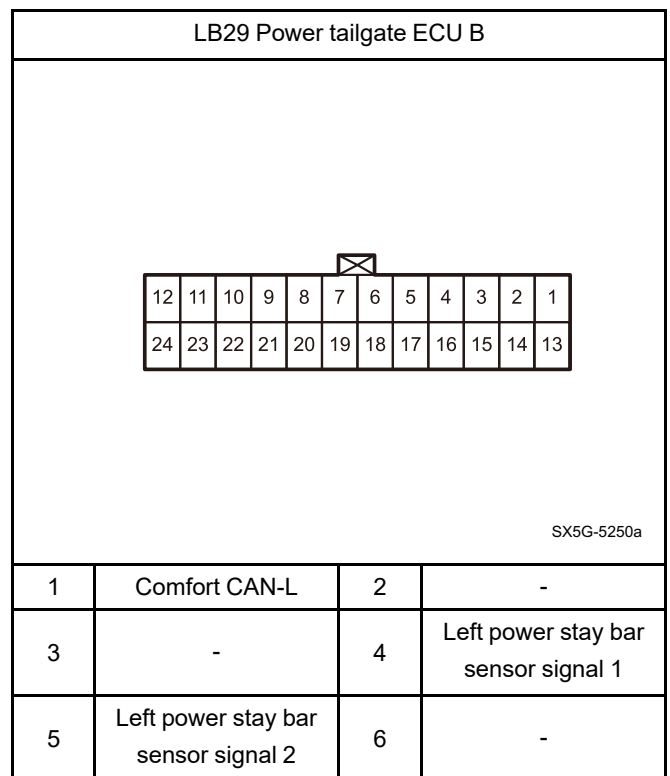
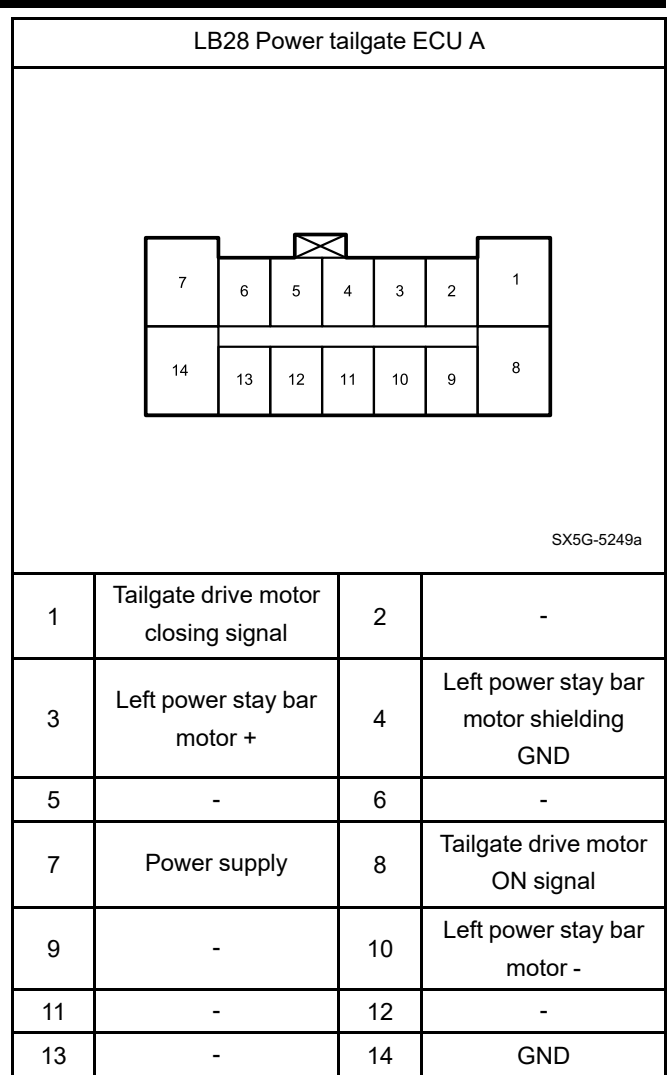
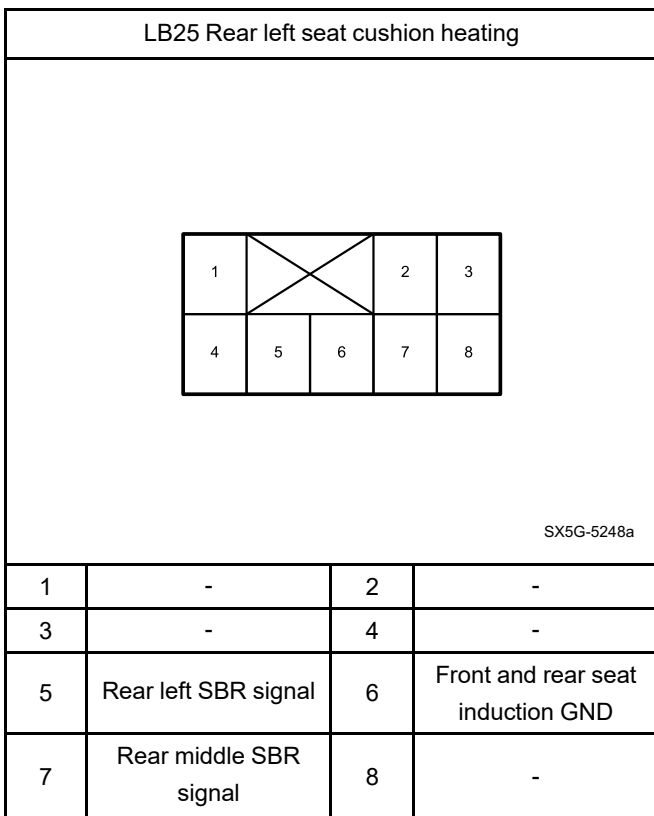
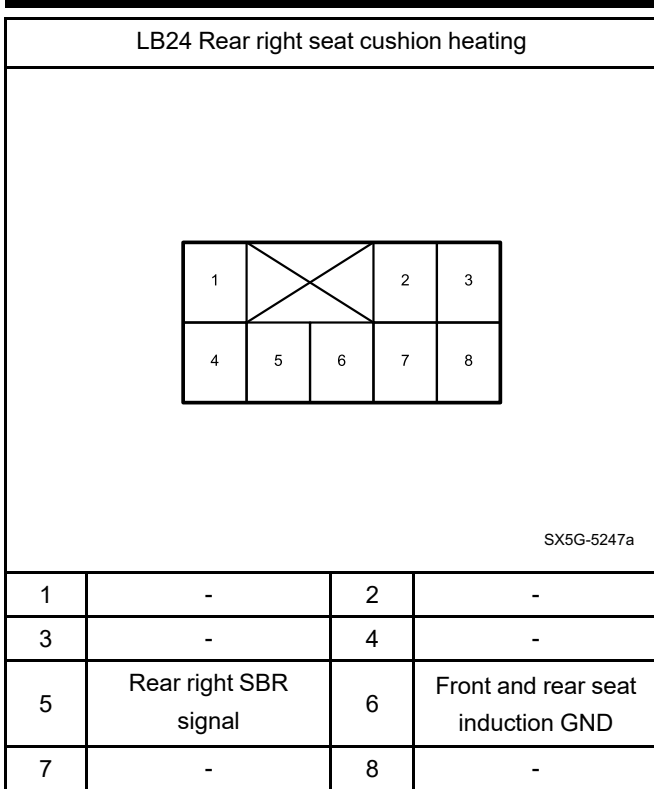
1	Sensor power supply	2	Motor -
3	Motor shielding GND	4	Sensor signal 1
5	-	6	Sensor signal 2
7	-	8	Sensor GND
9	Motor +	10	-

LB19 Rear left seat belt pretensioner



SX5G-5244a

1	Positive	2	Negative
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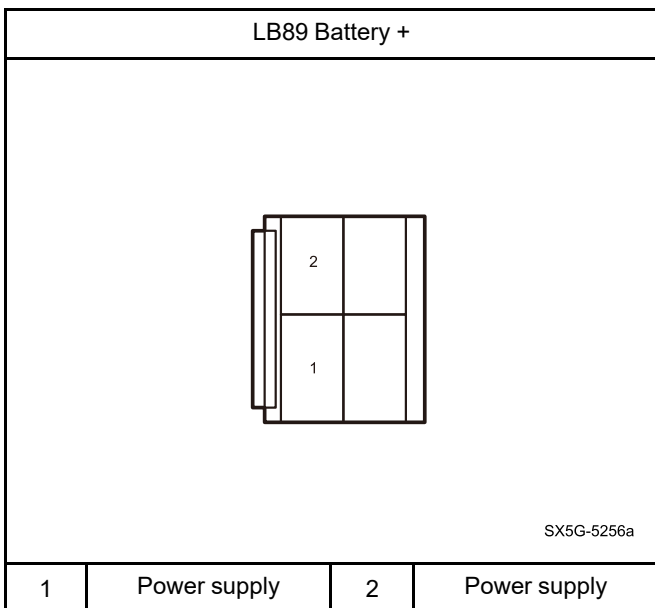
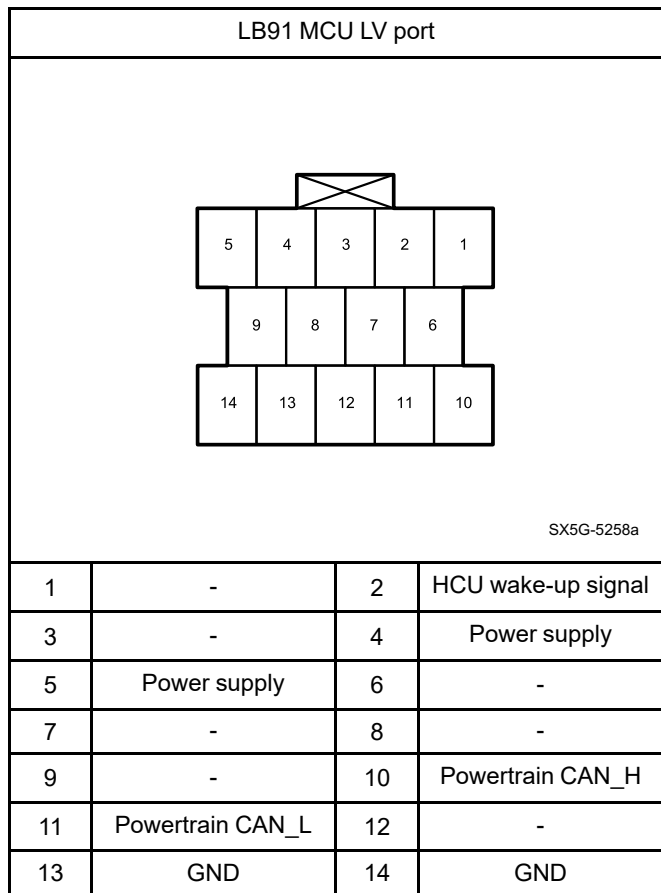
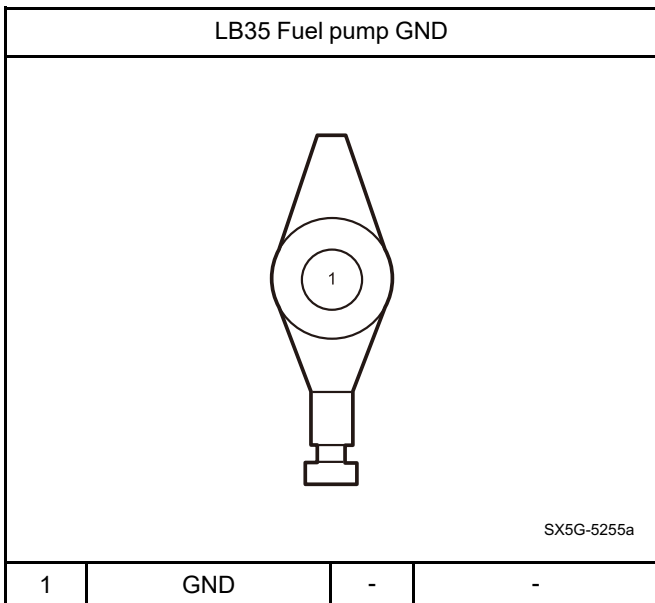
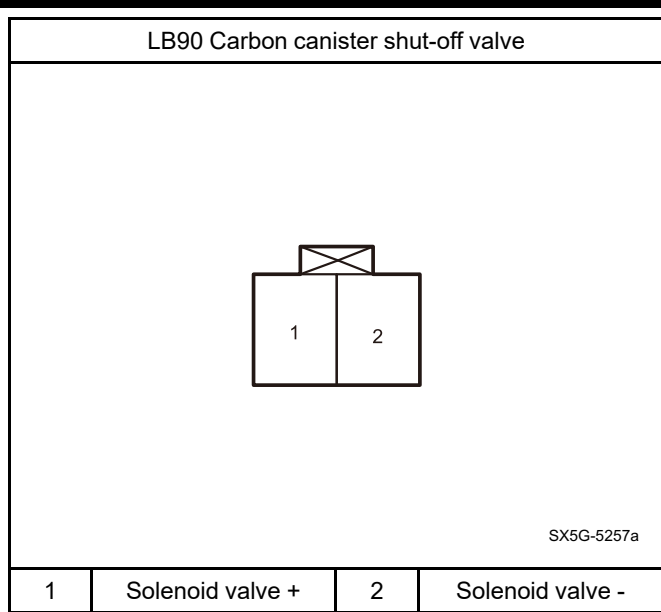
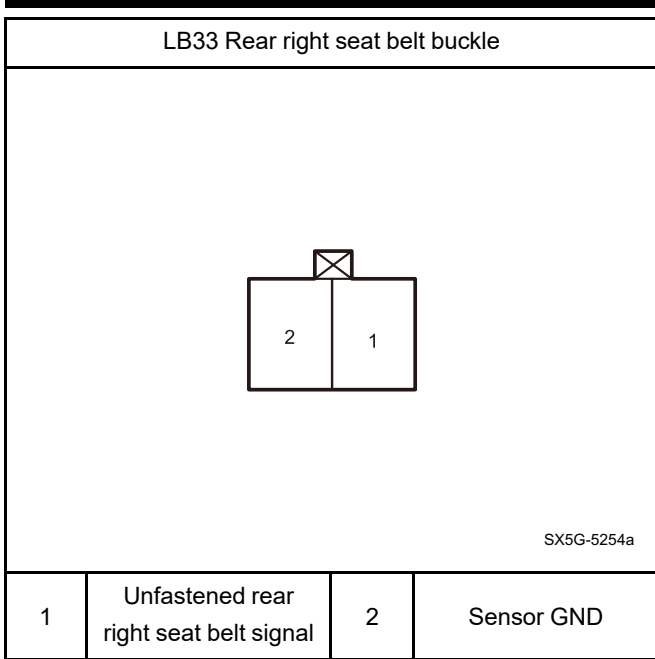


7	-	8	Lock body zero-position signal
9	Lock body partial locking signal	10	-
11	-	12	-
13	Comfort CAN-H	14	-
15	-	16	-
17	Left power stay bar sensor power supply	18	-
19	Left power stay bar sensor GND	20	-
21	Tailgate closing switch signal	22	-
23	-	24	Lock body full-lock signal

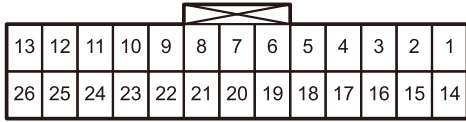
LB30 Rear left combination light A			
SX5G-5251a			
1	GND	2	Position light power supply
3	Brake light power supply	4	Direction indicator power supply
5	Direction indicator fault signal feedback	6	Steering flow signal

LB31 Rear left seat belt buckle			
SX5G-5252a			
1	Unfastened rear left seat belt signal	2	Rear left SBR signal

LB32 Rear middle seat belt buckle			
SX5G-5253a			
1	Rear middle seat belt unfastened signal	2	Rear middle SBR signal

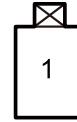


LB-BD Left body wiring harness-rear door wiring harness



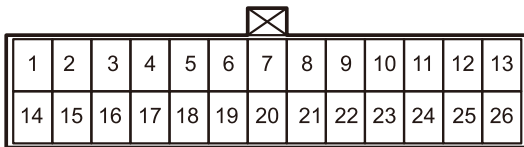
SX5G-5207a

LB-FB Left body wiring harness-engine compartment wiring harness(left)



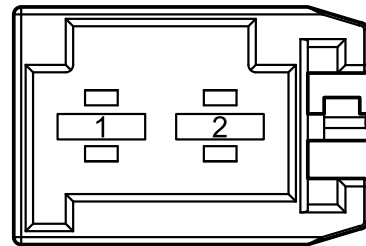
SX5G-5269a

LB-BD1 Left body wiring harness-rear door transition wiring harness



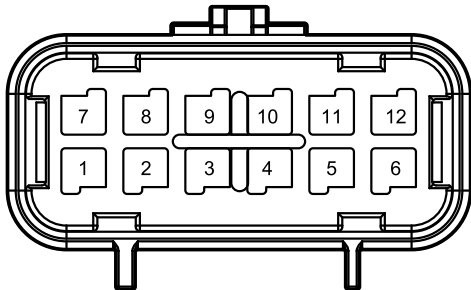
SX5G-5214a

LB-IP-1 Left body wiring harness-instrument panel wiring harness-1



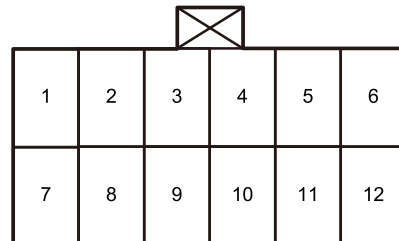
SX5G-5261a

LB-CH Left body wiring harness-chassis wiring harness

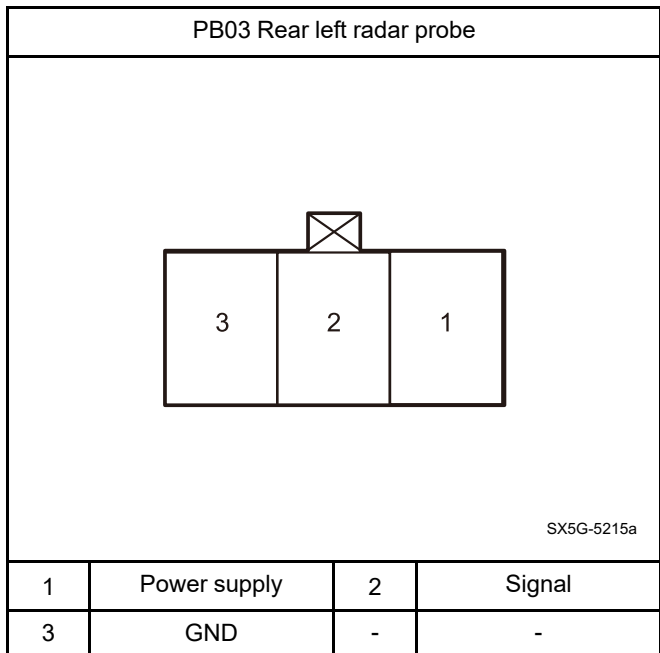
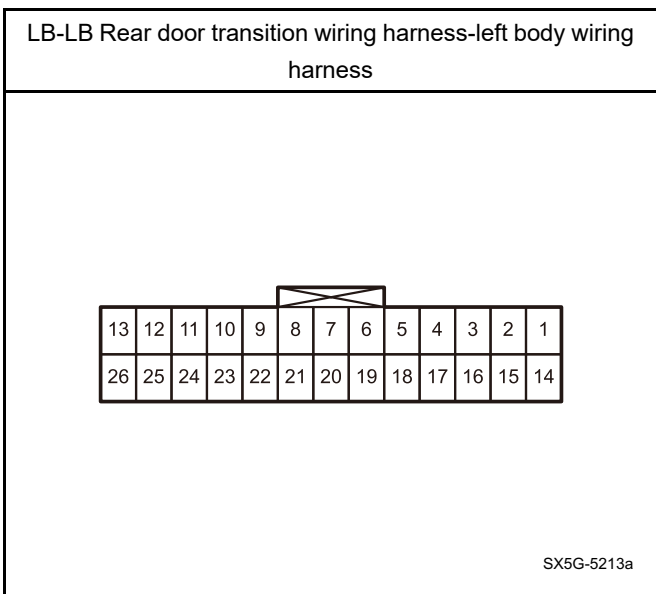
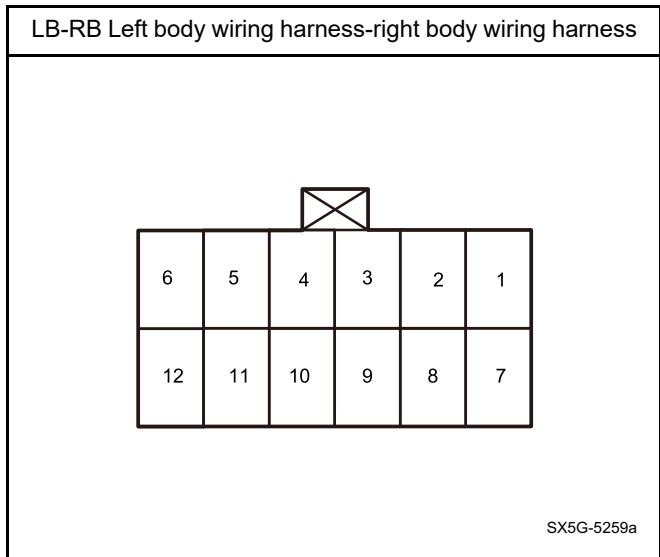
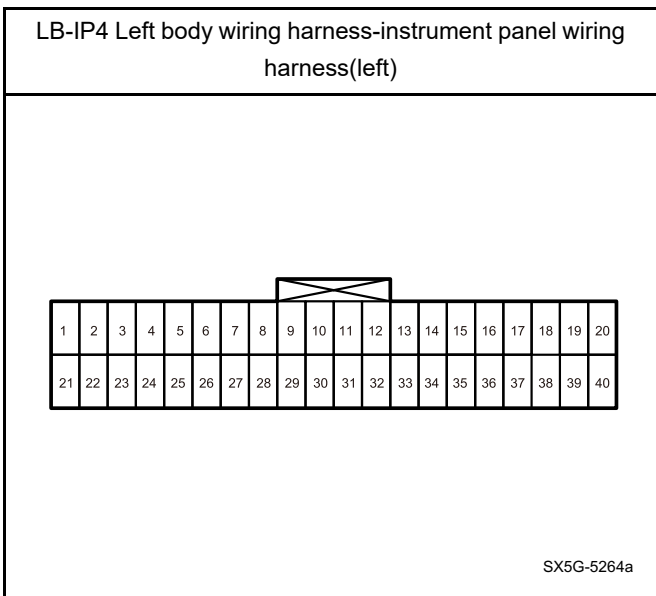
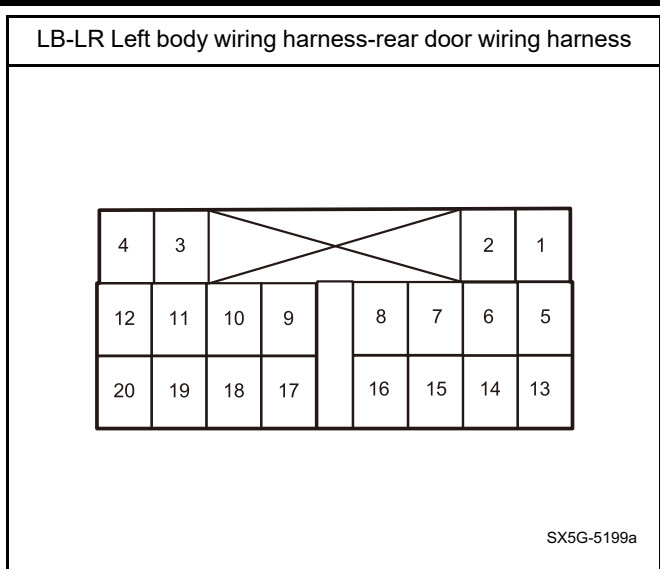
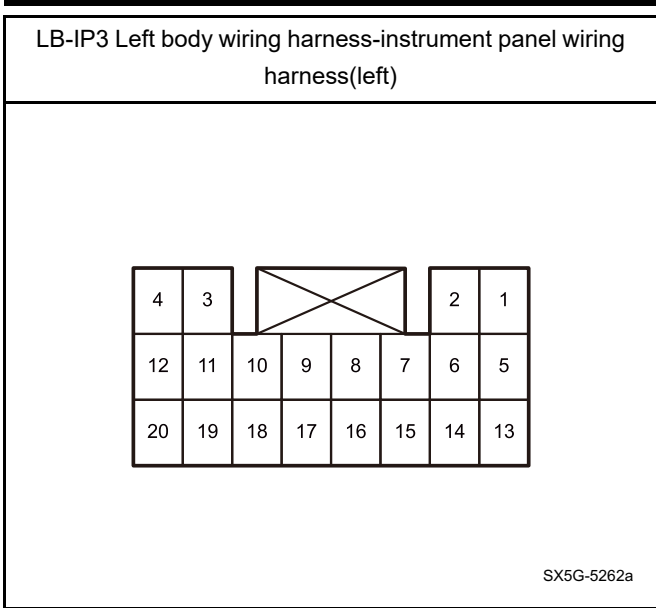


SX5G-5267a

LB-IP-2 Left body wiring harness-instrument panel wiring harness(middle)



SX5G-5263a



PB04 Rear fog light

SX5G-5216a

1	GND	2	Power supply
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PB08 Rear camera

SX5G-5220a

1	Power supply	2	-
3	-	4	-
5	-	6	GND
7	Video signal	-	-

PB06 Rear left middle radar probe

SX5G-5217a

1	Power supply	2	Signal
3	GND	-	-

PB08a Rear camera

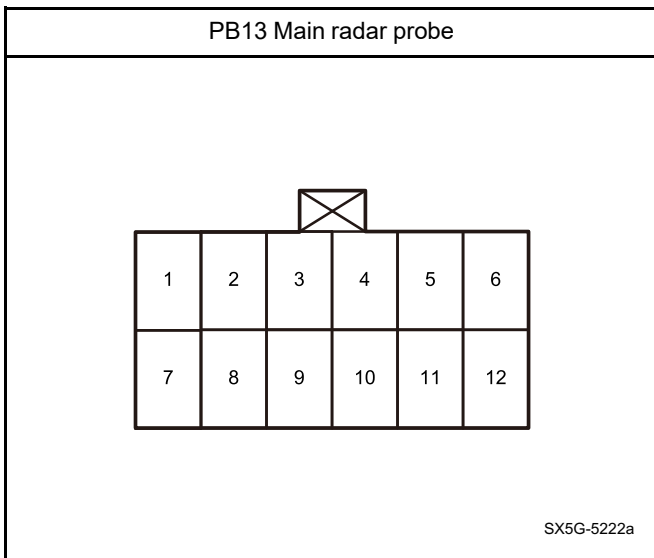
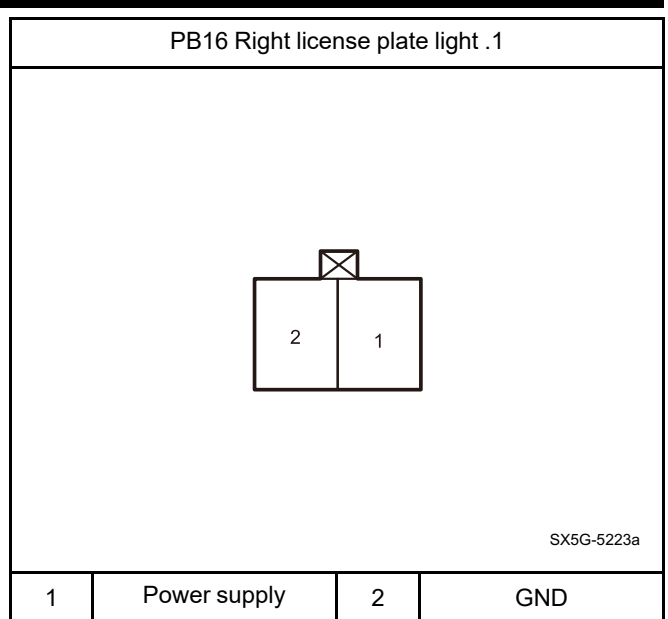
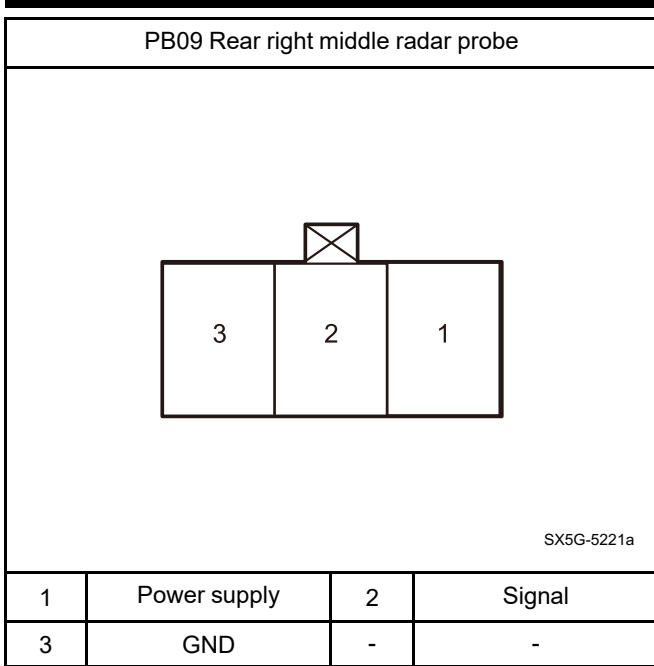
SX5G-5219a

1	Signal	-	-
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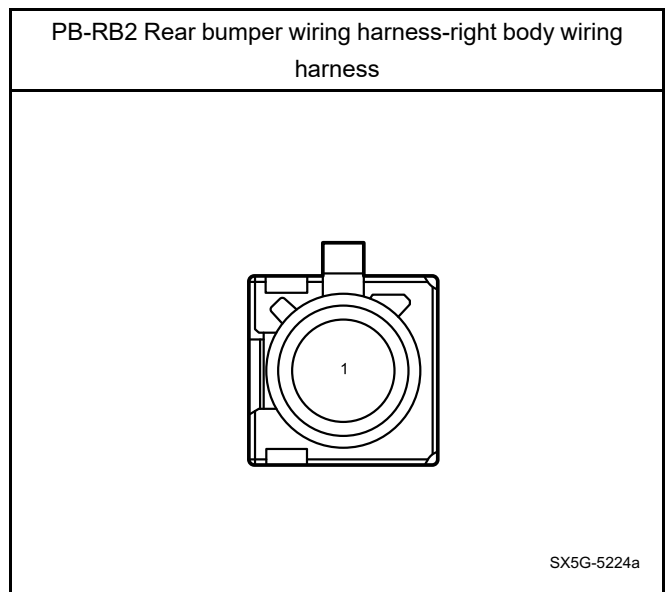
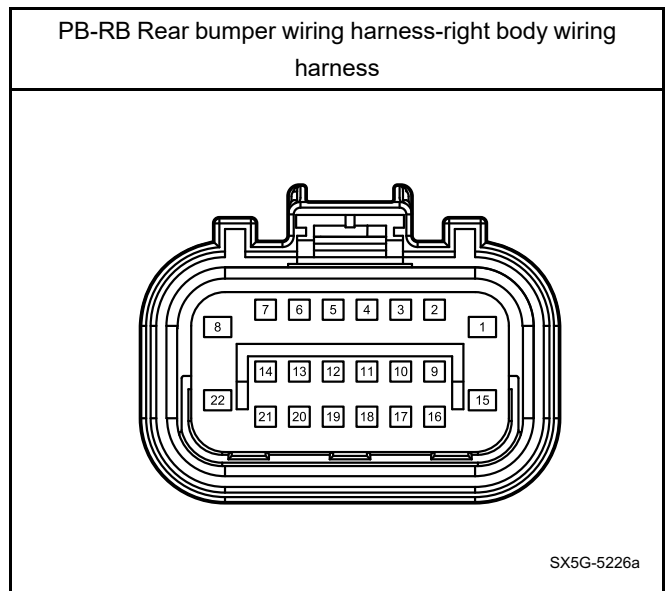
PB07 Left license plate light. 1

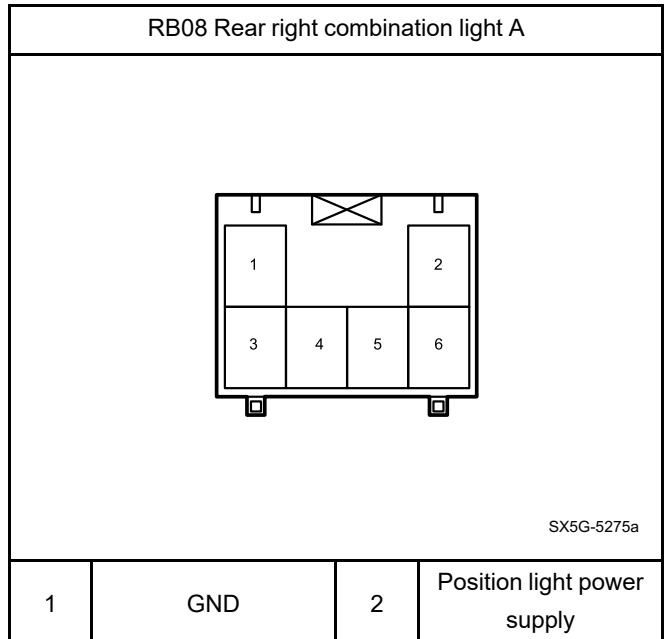
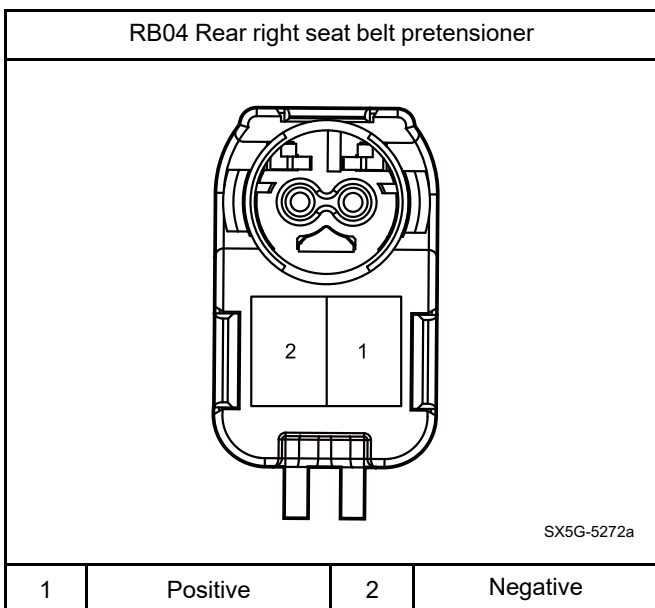
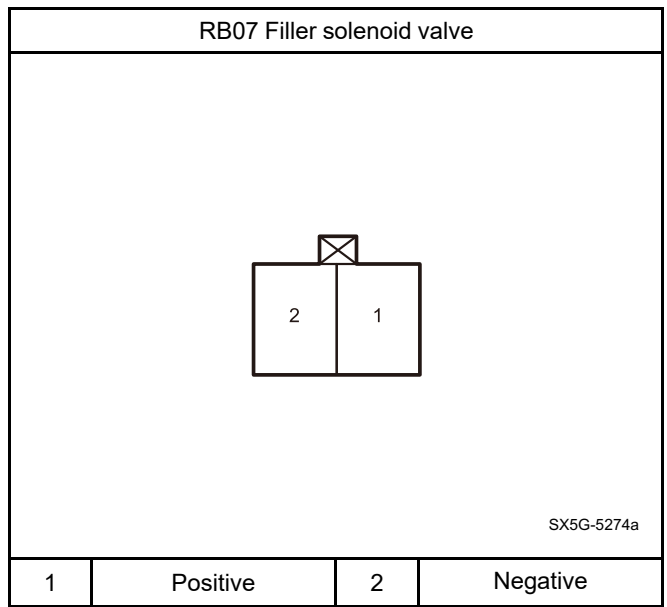
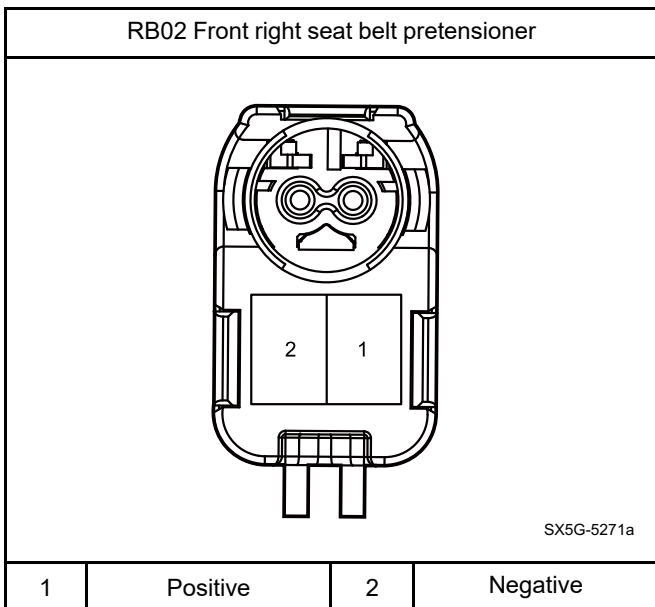
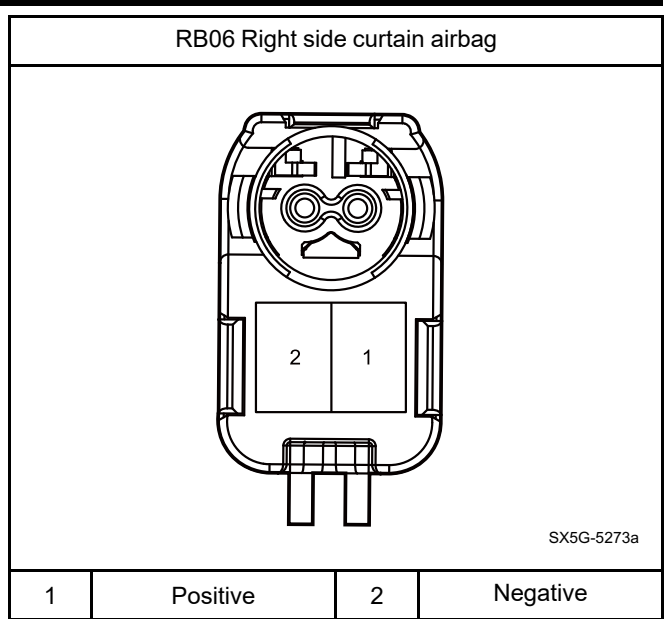
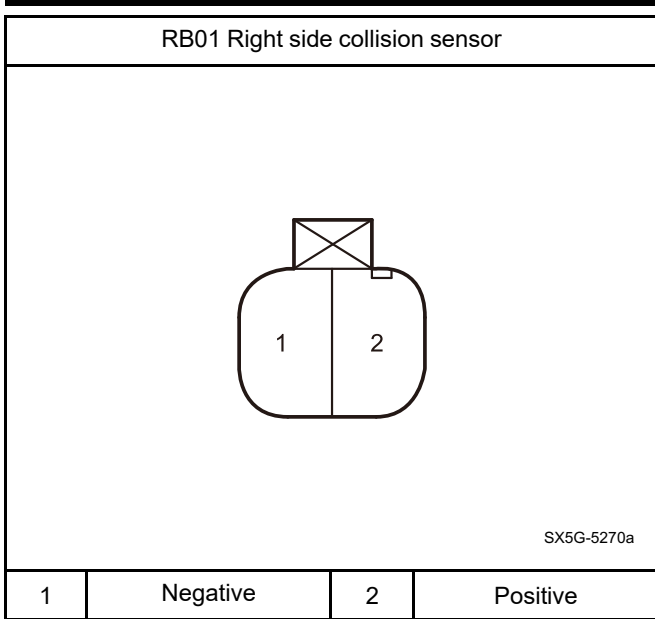
SX5G-5218a

1	Power supply	2	GND
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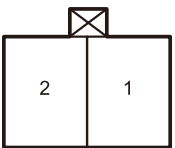
1	GND	2	Front middle left UPA probe signal
3	Front left UPA probe signal	4	Rear middle left radar probe signal
5	Sensor power supply	6	Front right UPA probe signal
7	IG1 power supply	8	Front middle right UPA probe signal
9	Safety CAN-H	10	Safety CAN-L
11	Rear left radar probe signal	12	Rear middle right radar probe signal





3	Brake light power supply	4	Direction indicator power supply
5	Direction indicator fault signal feedback	6	Steering flow signal

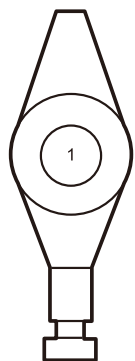
RB09 Tailgate antenna



SX5G-5276a

1	Antenna +	2	Antenna -
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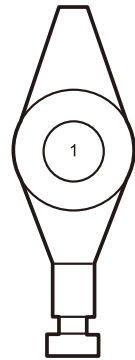
RB10 Body GND point 2.1



SX5G-5277a

1	GND	-	-
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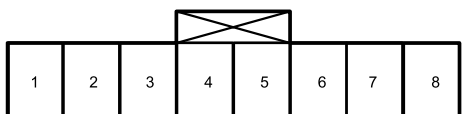
RB11 Body GND point 1.1



SX5G-5278a

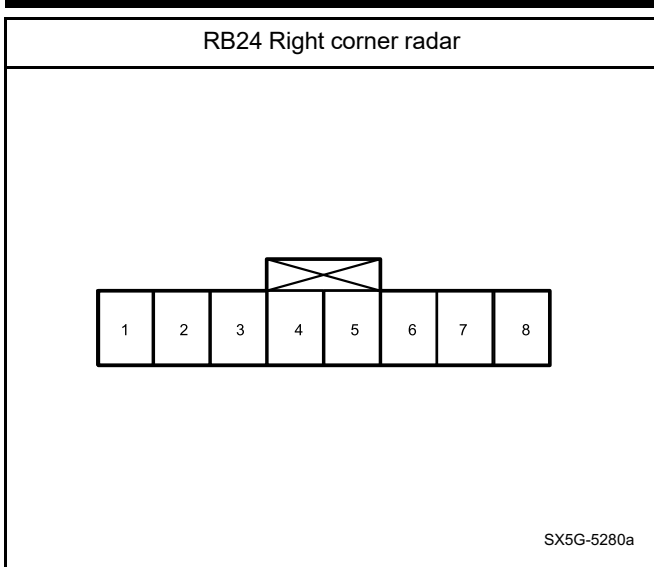
1	GND	-	-
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RB23 Left corner radar-main



SX5G-5279a

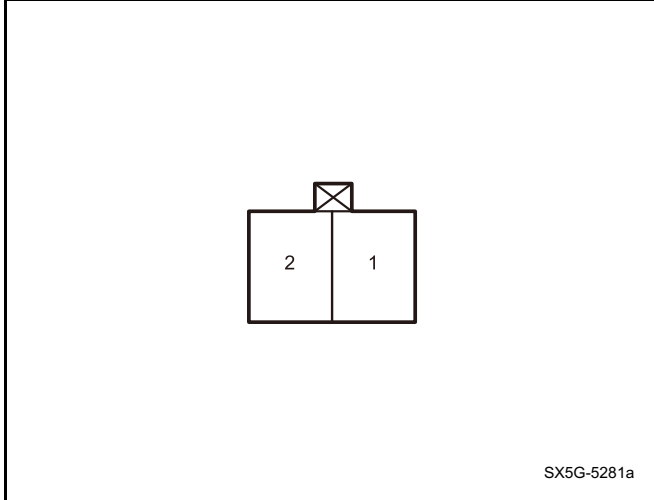
1	Safety CAN-H	2	Safety CAN-L
3	P_CAN_H	4	P_CAN_L
5	-	6	-
7	GND	8	Power supply



SX5G-5280a

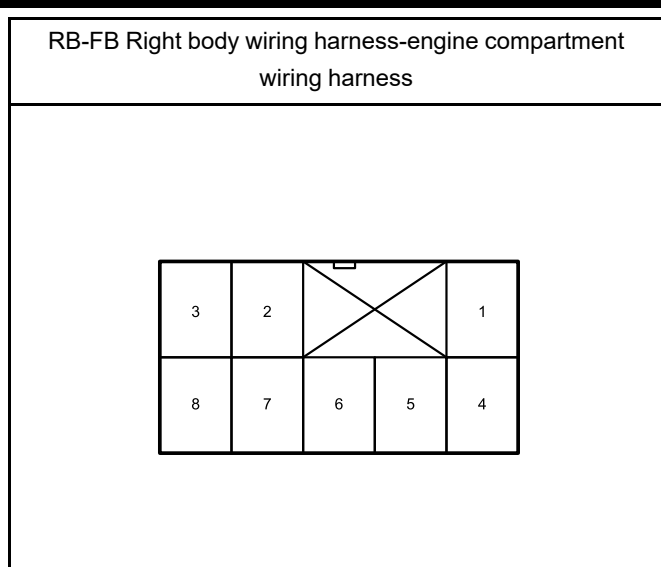
1	Blind spot monitoring power supply	2	Blind spot monitoring power supply
3	P_CAN_H	4	P_CAN_L
5	-	6	-
7	GND	8	Power supply

RB30 120 Ω terminal resistor



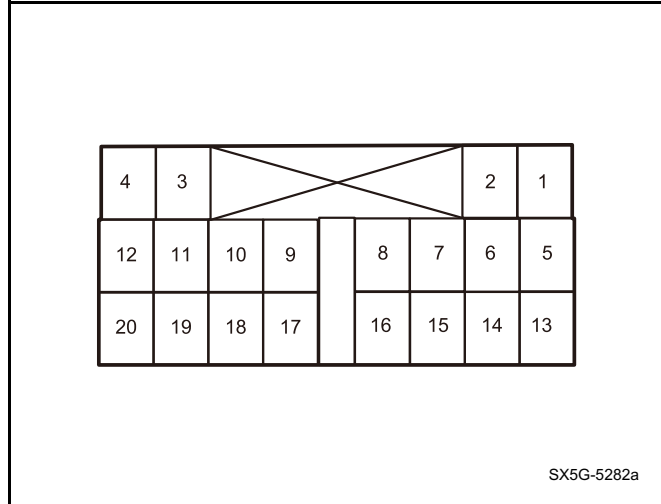
SX5G-5281a

1	Safety CAN-H	2	Safety CAN-L
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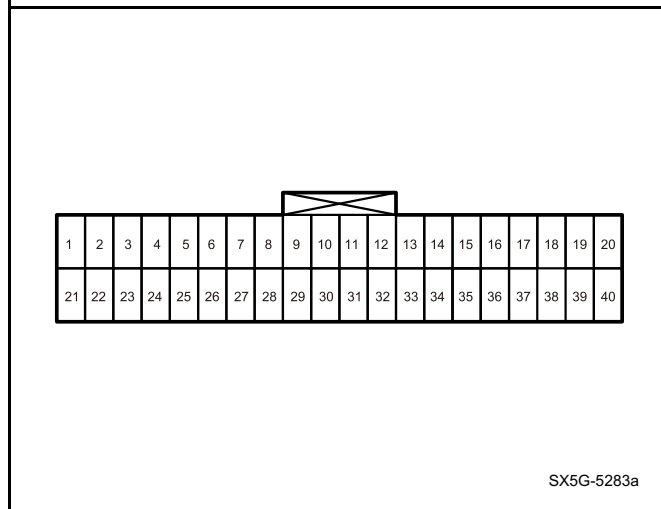
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RB-IP1 Right body wiring harness-instrument panel wiring harness



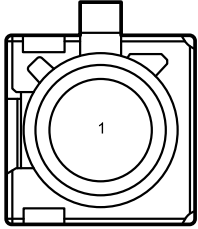
SX5G-5282a

RB-IP2 Right body wiring harness-instrument panel wiring harness



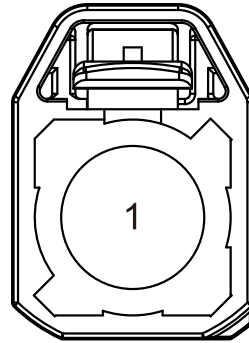
SX5G-5283a

RB-IP3 Right body wiring harness-instrument panel wiring harness3



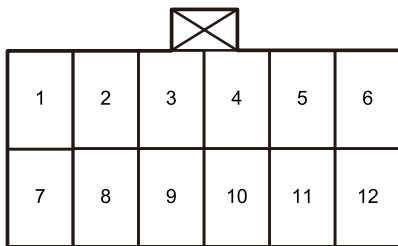
SX5G-5284a

RB-PB2 Right body wiring harness-rear bumper wiring harness



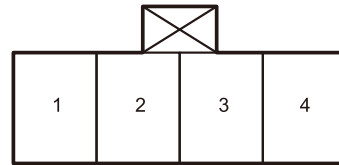
SX5G-5225a

RB-LB Right body wiring harness-left body wiring harness



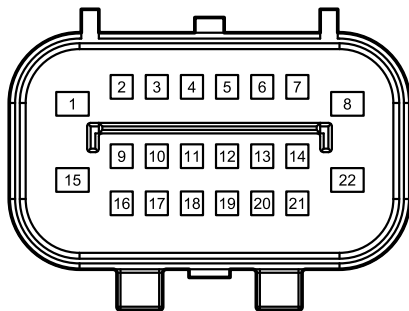
SX5G-5260a

RB-RB Right body wiring harness-caliper wiring harness



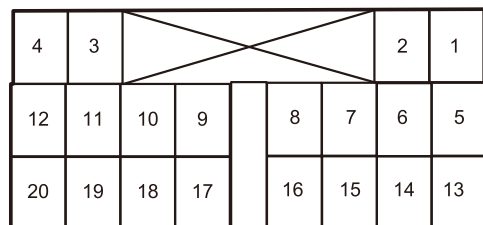
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RB-PB Right body wiring harness-rear bumper wiring harness



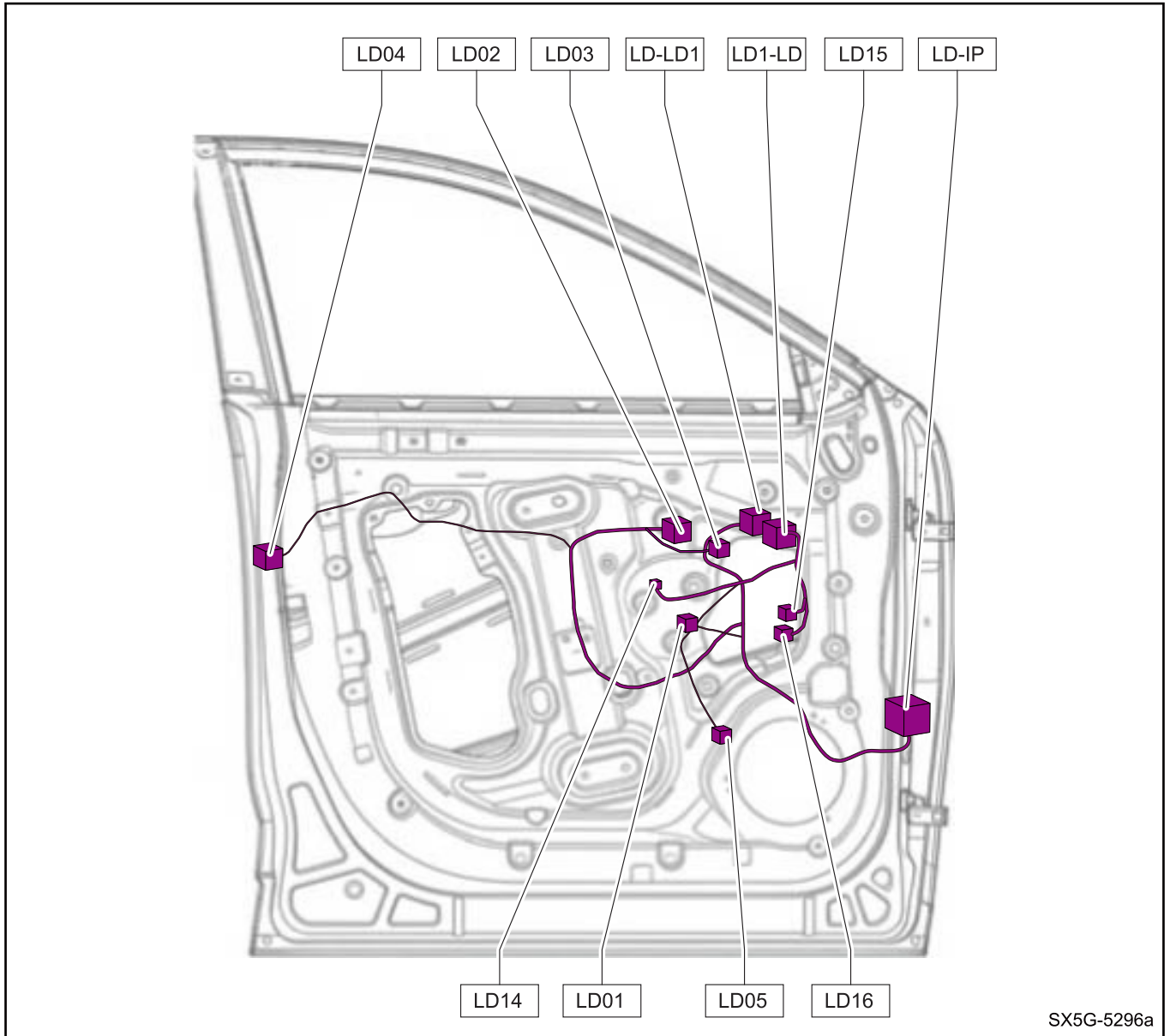
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RB-RR Right body wiring harness-right rear door wiring harness

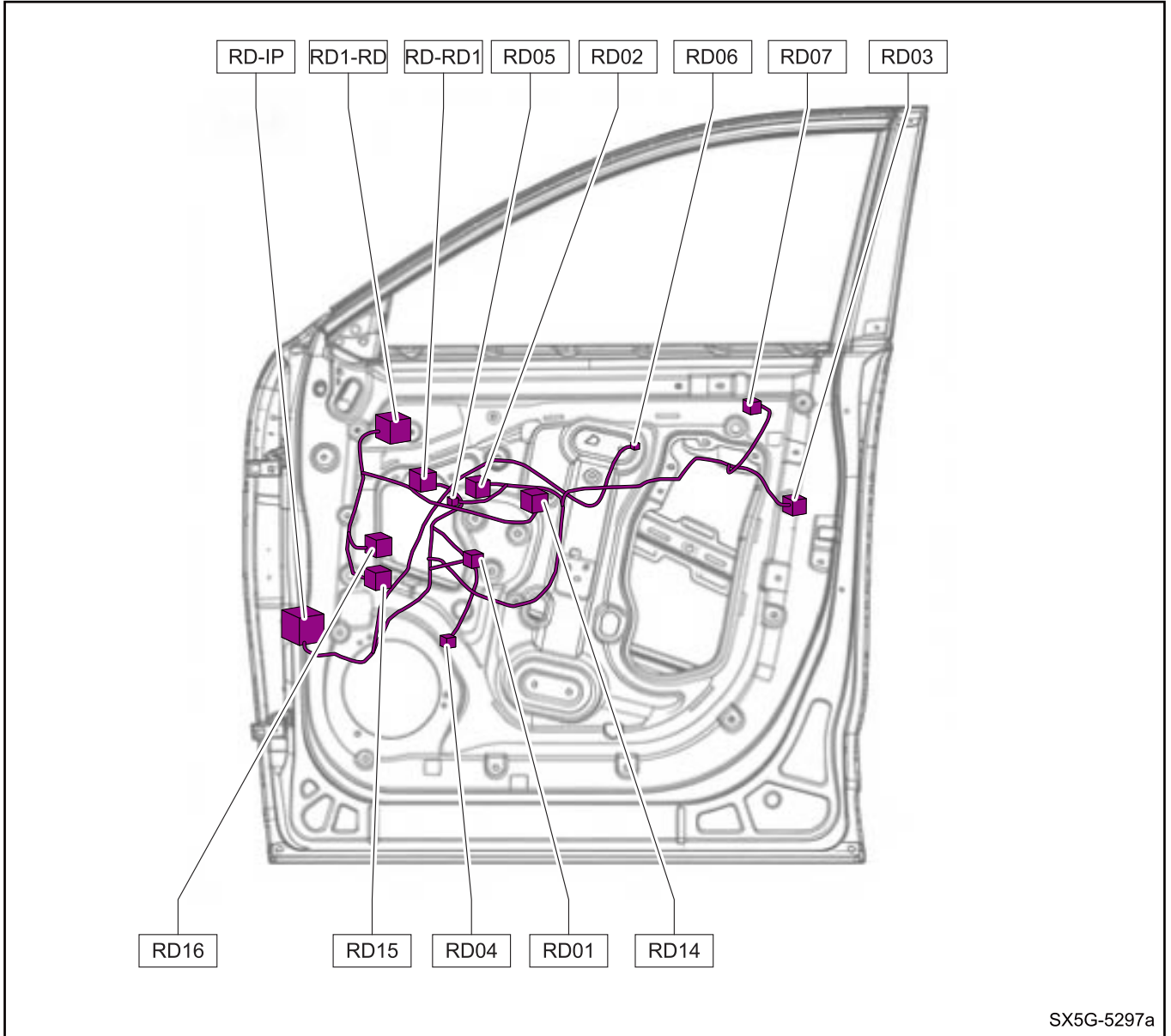


SX5G-5200a

Layout drawing of front left door harness

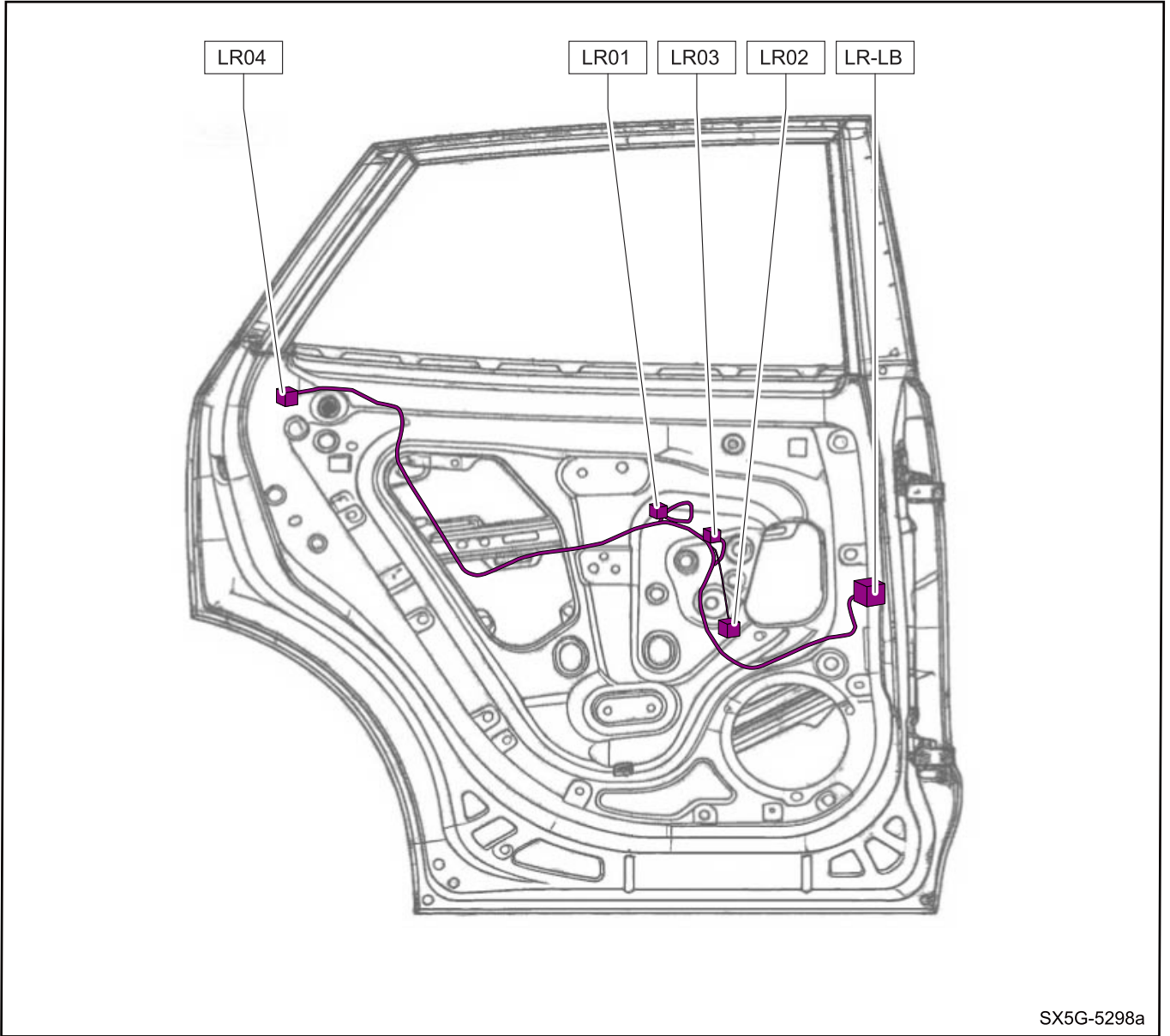


Layout drawing of front right door harness

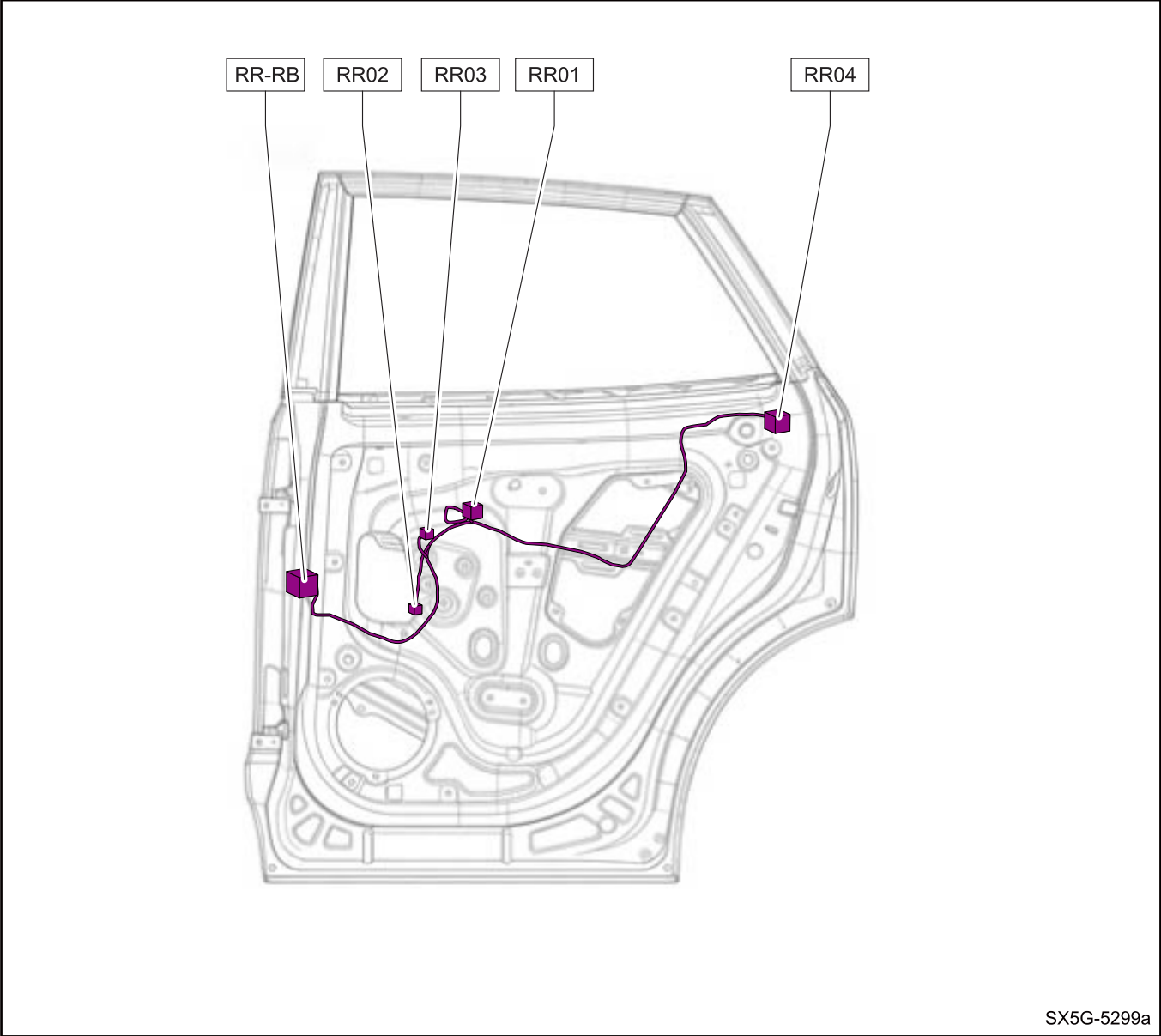


SX5G-5297a

Layout drawing of rear left door harness



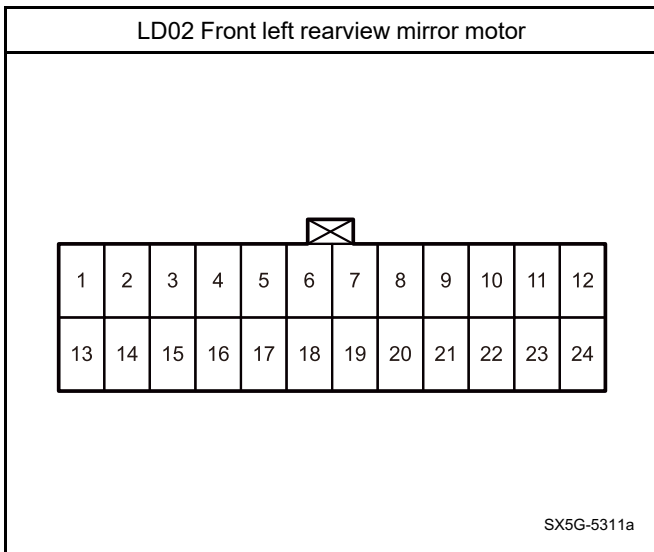
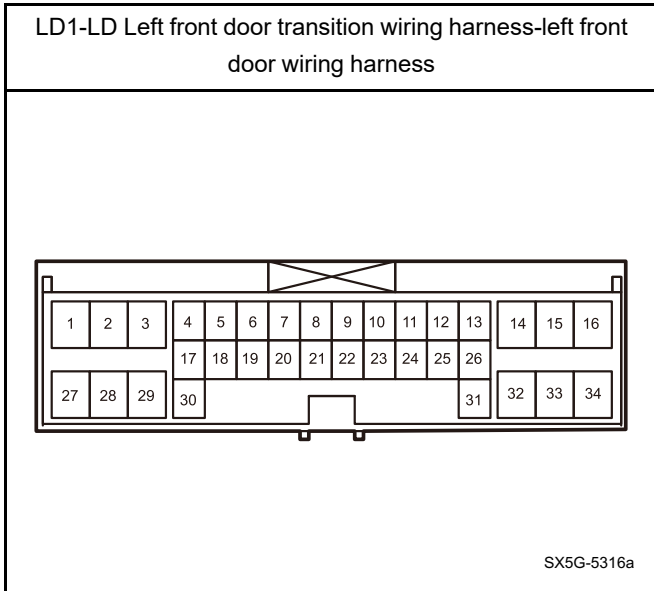
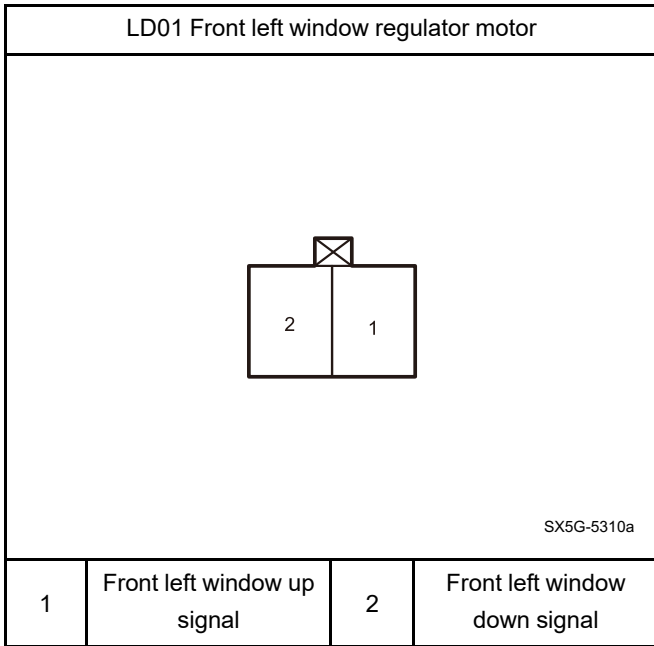
Layout drawing of rear right door harness



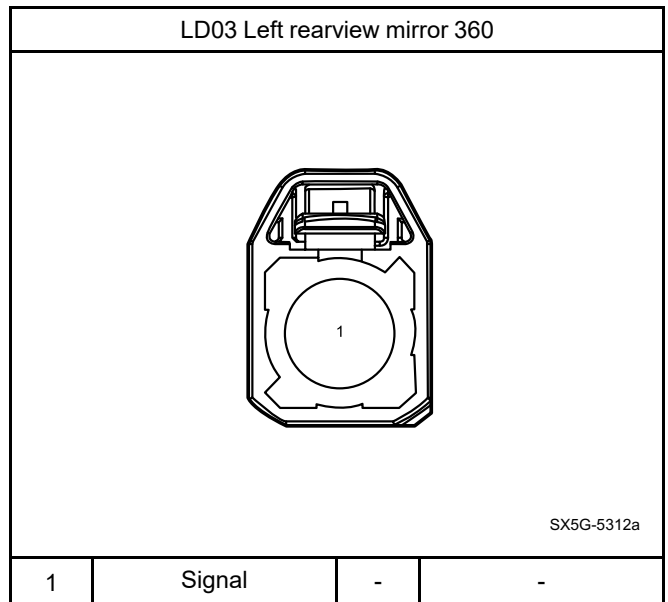
List of door harness connectors

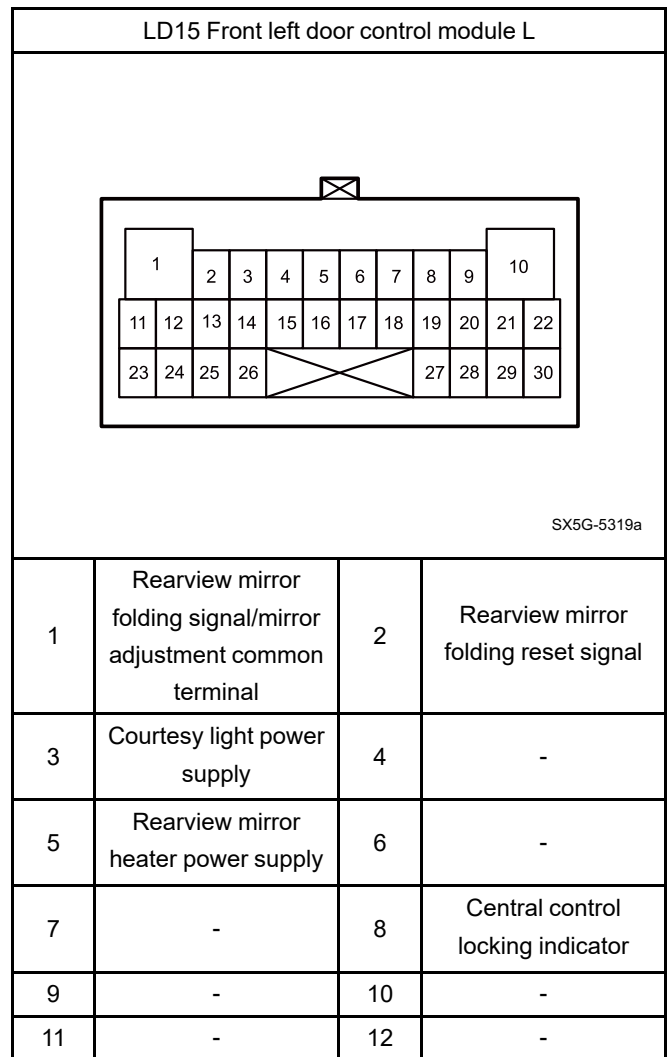
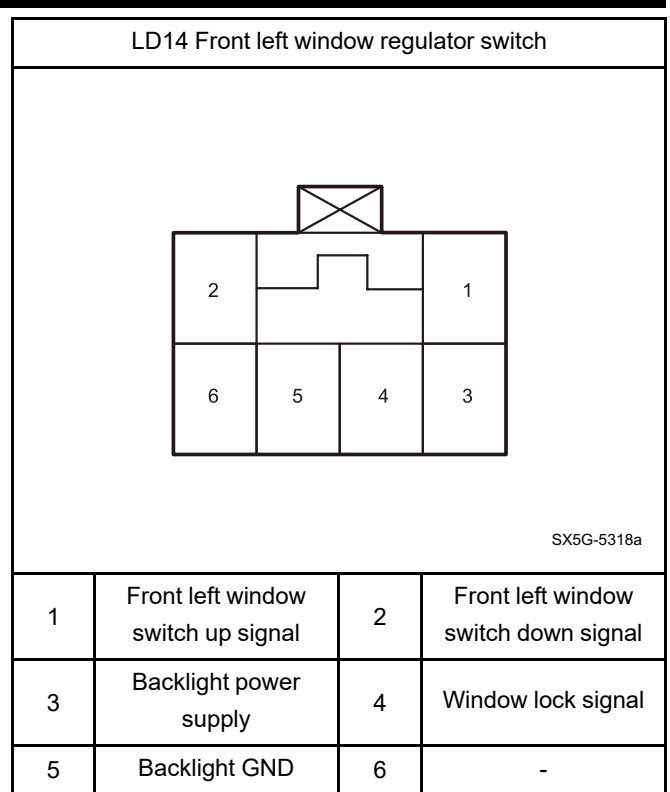
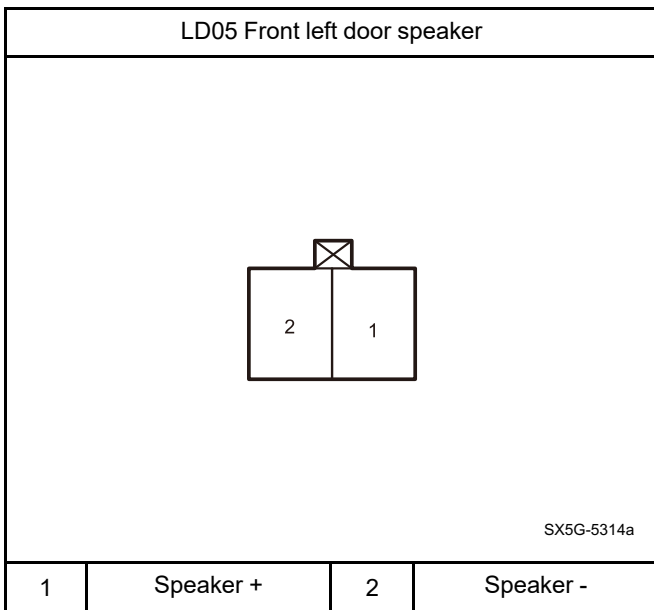
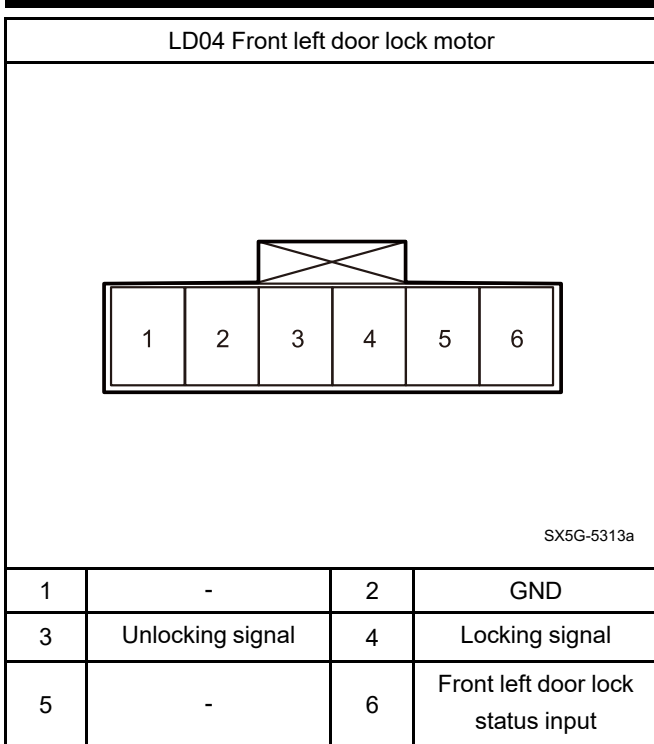
Harness connector	Name	Harness connector	Name
LD01	Front left window regulator motor	RD1-RD	Right front door transition wiring harness-right front door wiring harness
LD1-LD	Left front door transition wiring harness-left front door wiring harness	RD02	Front right rearview mirror motor
LD02	Front left rearview mirror motor	RD03	Front right door lock motor
LD03	Left rearview mirror 360	RD04	Front right door speaker
LD04	Front left door lock motor	RD05	Right rearview mirror 360
LD05	Front left door speaker	RD06	Front right door handle sensor
LD14	Front left window regulator switch	RD07	Front right door handle antenna
LD15	Front left door control module L	RD14	Front right window regulator switch
LD16	Front left door control module R	RD15	Front right door control module L
LD-IP	Left front door wiring harness-instrument panel wiring harness	RD16	Front right door control module R
LD-LD1	Left front door wiring harness-left front door transition wiring harness	RD-IP	Right front door wiring harness-instrument panel wiring harness
LR01	Rear left window regulator switch	RD-RD1	Right front door wiring harness-right front door transition wiring harness
LR02	Rear left door speaker	RR01	Rear right window regulator switch
LR03	Rear left window regulator motor	RR02	Rear right door speaker
LR04	Rear left door lock motor	RR03	Rear right window regulator motor
LR-LB	Left rear door wiring harness-left body wiring harness	RR04	Rear right door lock motor
RD01	Front right window regulator motor	RR-RB	Right rear door wiring harness-right body wiring harness

Definition of door harness terminal



1	Mirror left/right adjustment signal	2	Mirror up/down adjustment signal
3	Mirror adjustment common terminal	4	Heater power supply
5	Heating and direction indicator grounding	6	Direction indicator power supply
7	Courtesy light power supply	8	Courtesy light grounding
9	-	10	-
11	Blind spot monitoring power supply	12	BSD grounding
13	Rearview mirror folding signal	14	Rearview mirror folding reset signal
15	Rearview mirror memory power supply	16	Rearview mirror up and down position memory signal
17	Signal GND	18	Rearview mirror left and right position memory signal
19	-	20	-
21	-	22	-
23	-	24	-

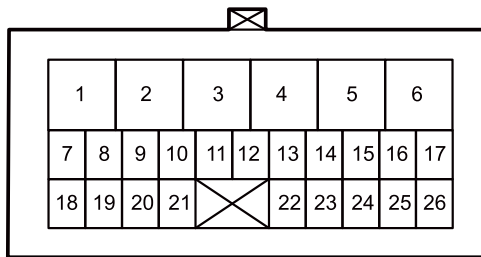




13	Rearview mirror memory power supply	14	-
15	-	16	-
17	Left rearview mirror left/right adjustment signal	18	Left rearview mirror up/down adjustment signal
19	Comfort CAN-L	20	IG1 power supply
21	LIN signal	22	-
23	-	24	-
25	-	26	-
27	Comfort CAN-H	28	-
29	-	30	Headlight height adjustment signal

17	-	18	Rearview mirror left/right adjustment signal
19	-	20	-
21	-	22	Signal GND
23	Up adjustment of rear left window	24	Lowering adjustment of rear left window
25	-	26	Left/right rearview mirror selector signal

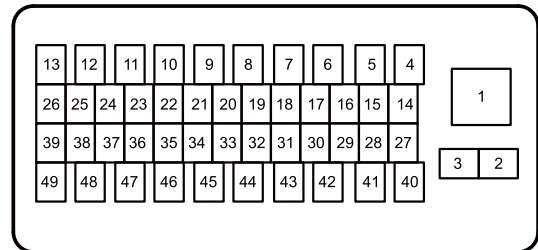
LD16 Front left door control module R



SX5G-5320a

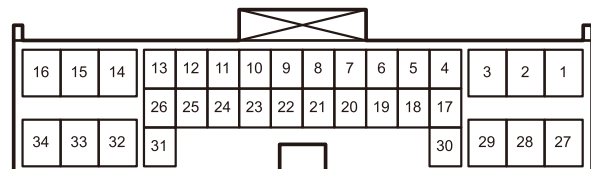
1	Rear left window down	2	Rear left window up
3	Front left window down signal	4	Front left window up signal
5	GND	6	Power supply
7	-	8	-
9	-	10	Rearview mirror left and right position memory signal
11	Rearview mirror up and down position memory signal	12	-
13	Rearview mirror up/down adjustment signal	14	-
15	-	16	-

LD-IP Left front door wiring harness-instrument panel wiring harness

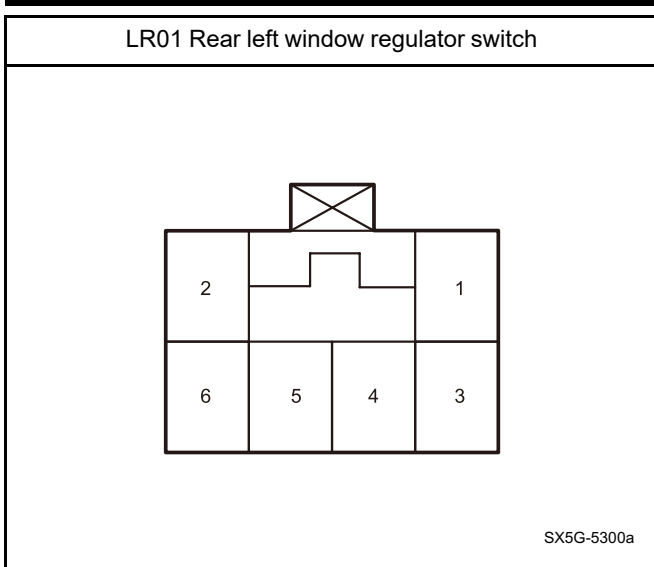


SX5G-5317a

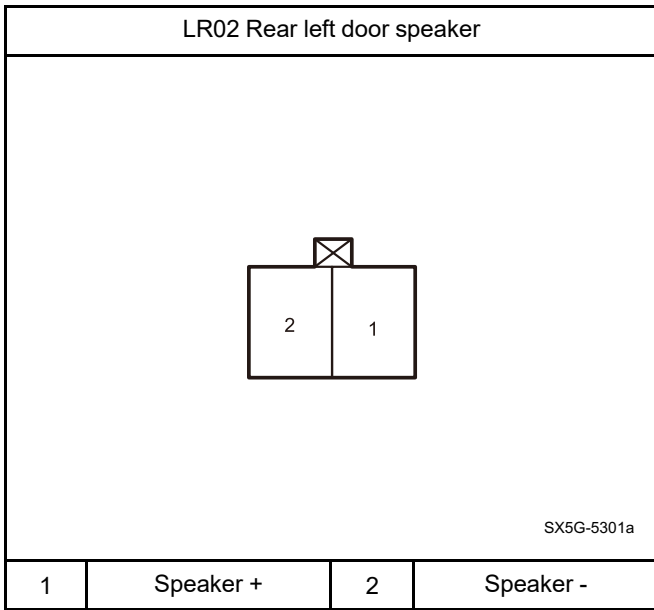
LD-LD1 Left front door wiring harness-left front door transition wiring harness



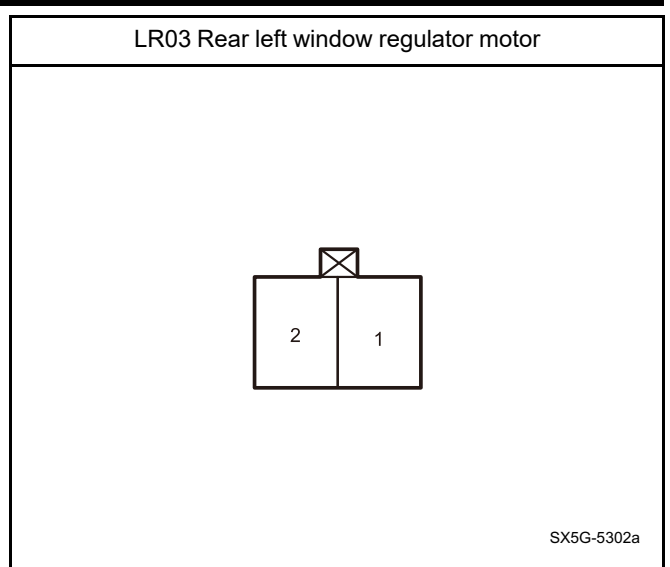
SX5G-5315a



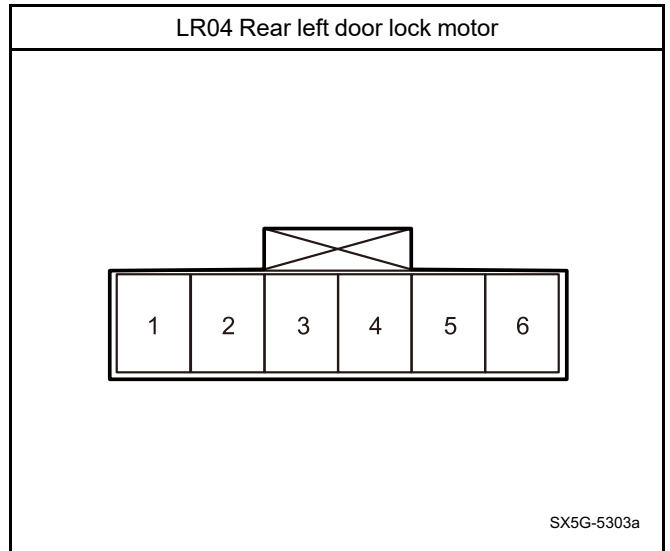
1	Up adjustment of rear left window	2	Lowering adjustment of rear left window
3	Backlight power supply	4	Window lock signal
5	GND	6	-



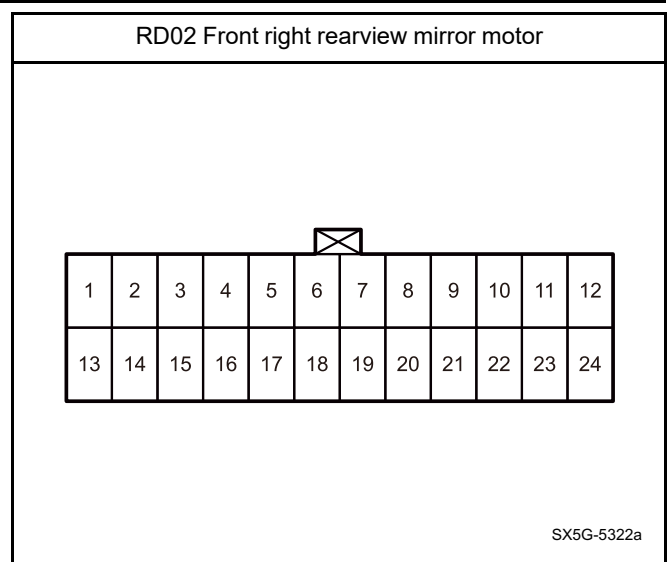
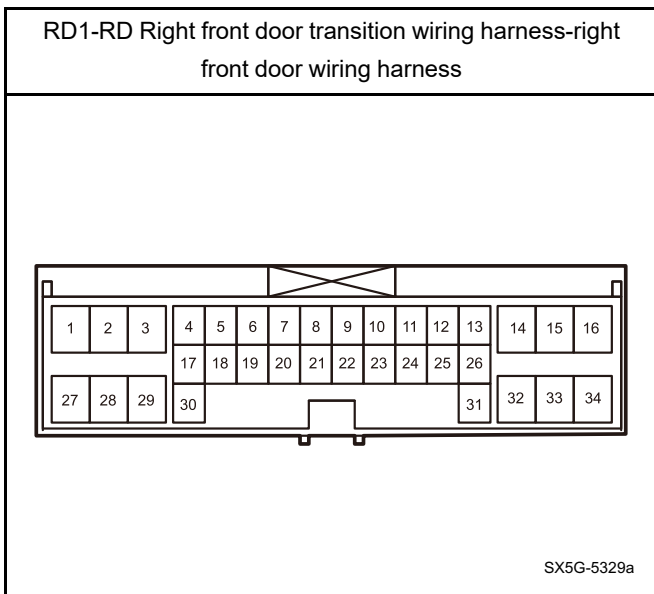
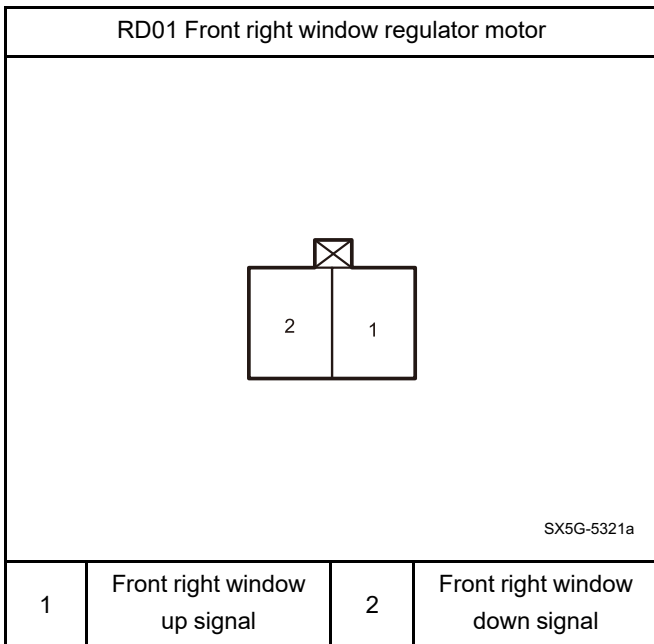
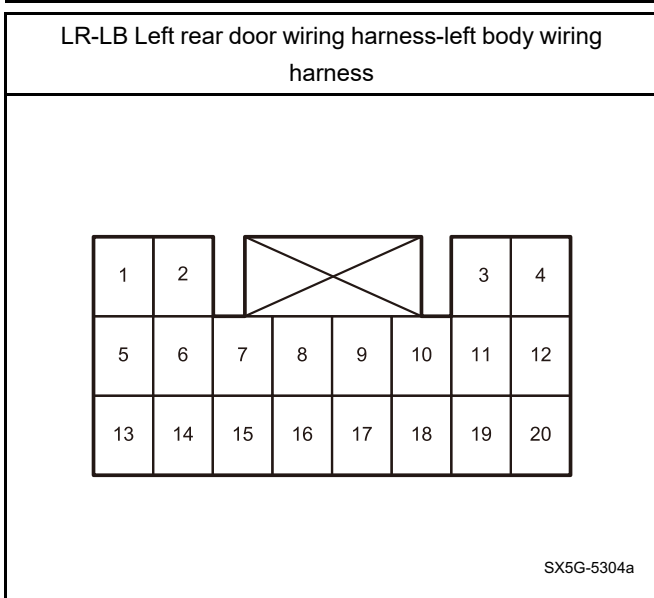
1	Speaker +	2	Speaker -
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1	Rear left window up	2	Rear left window down
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1	-	2	GND
3	Unlocking signal	4	Locking signal
5	-	6	Rear left door status input



1	Mirror left/right adjustment signal	2	Mirror up/down adjustment signal
3	Mirror adjustment common terminal	4	Heater power supply
5	GND	6	Direction indicator power supply
7	Courtesy light power supply	8	Courtesy light -
9	-	10	-
11	Blind spot monitoring power supply	12	Blind spot monitoring GND
13	Rearview mirror folding signal	14	Rearview mirror folding reset signal
15	Rearview mirror memory power supply	16	Rearview mirror up and down position memory signal
17	Signal GND	18	Rearview mirror left and right position memory signal
19	-	20	-
21	-	22	-
23	-	24	-

RD03 Front right door lock motor

SX5G-5323a

1	Front right door lock status input	2	-
3	Unlocking signal	4	Locking signal
5	GND	6	Front right door lock feedback

RD04 Front right door speaker

SX5G-5324a

1	Speaker +	2	Speaker -
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RD05 Right rearview mirror 360

SX5G-5325a

1	Signal	-	-
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RD06 Front right door handle sensor

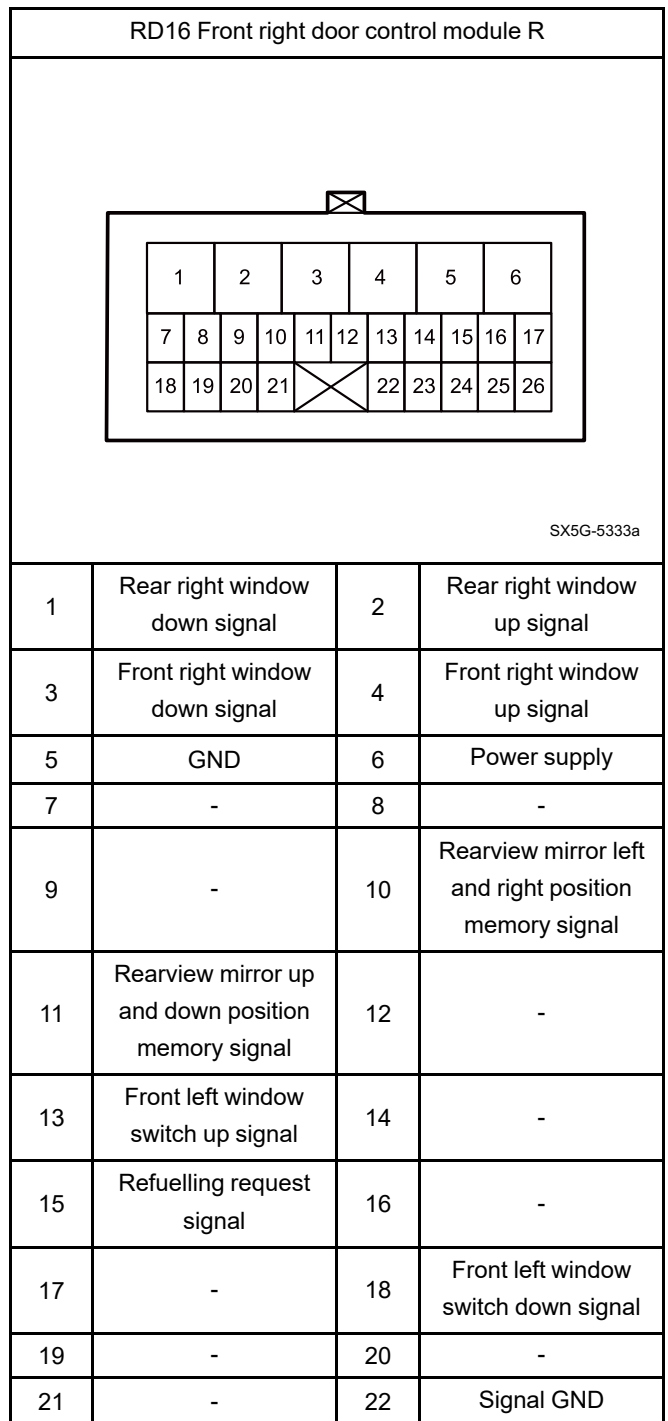
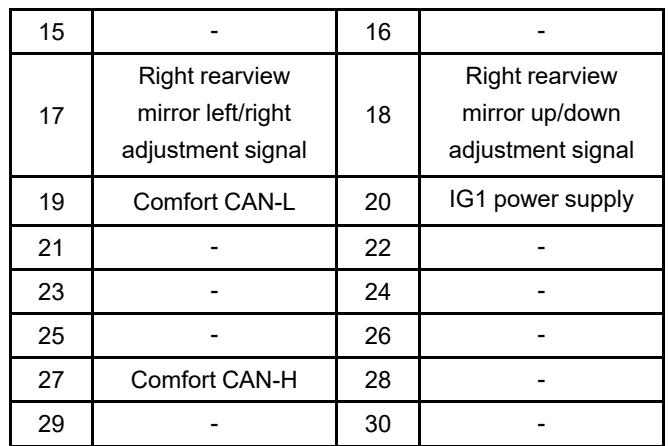
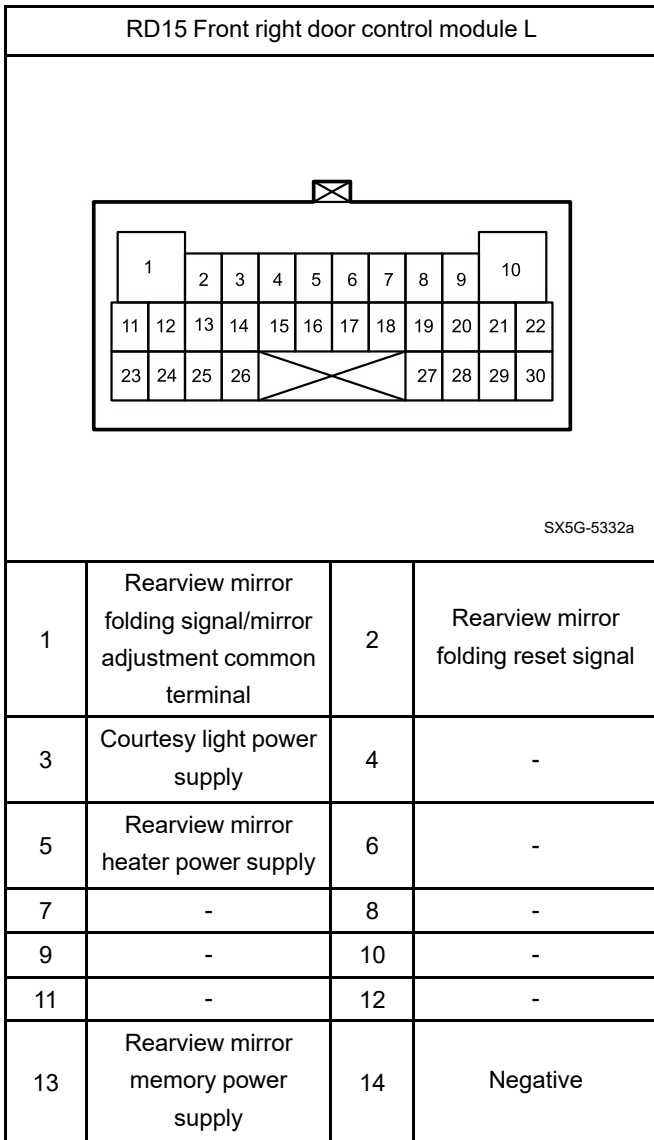
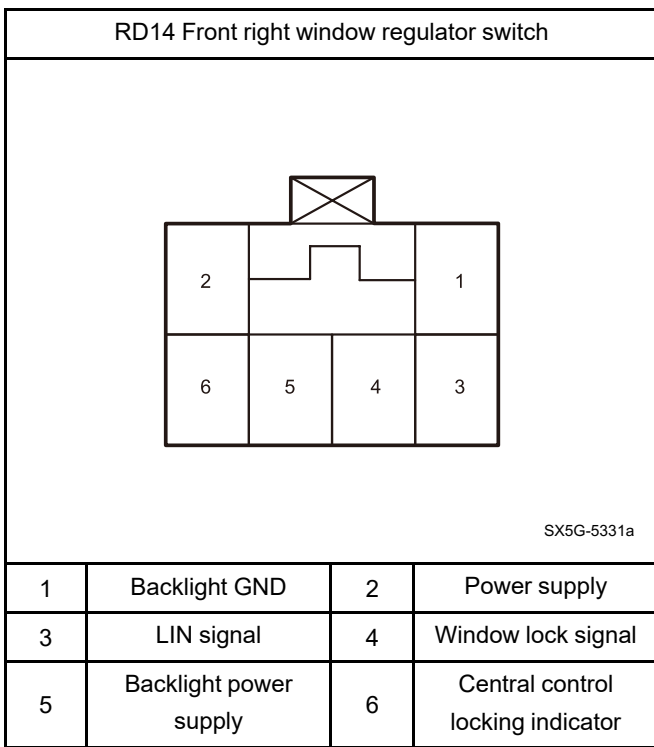
SX5G-5326a

1	Power supply	2	Unlocking signal
3	Locking signal	4	GND

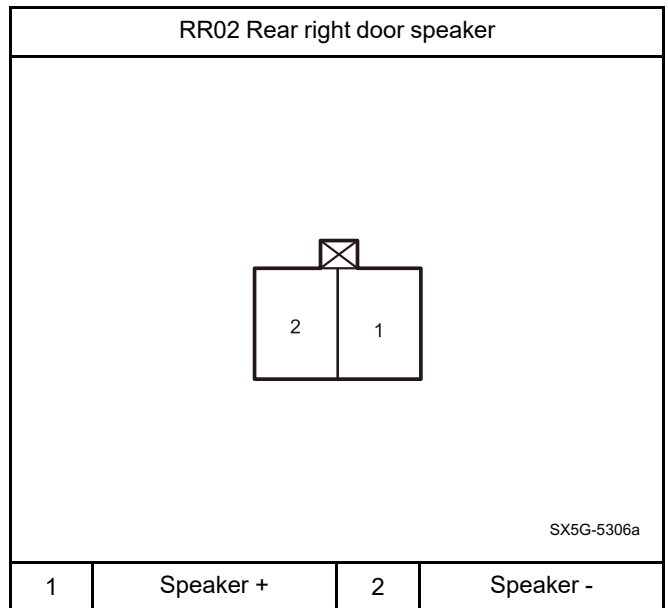
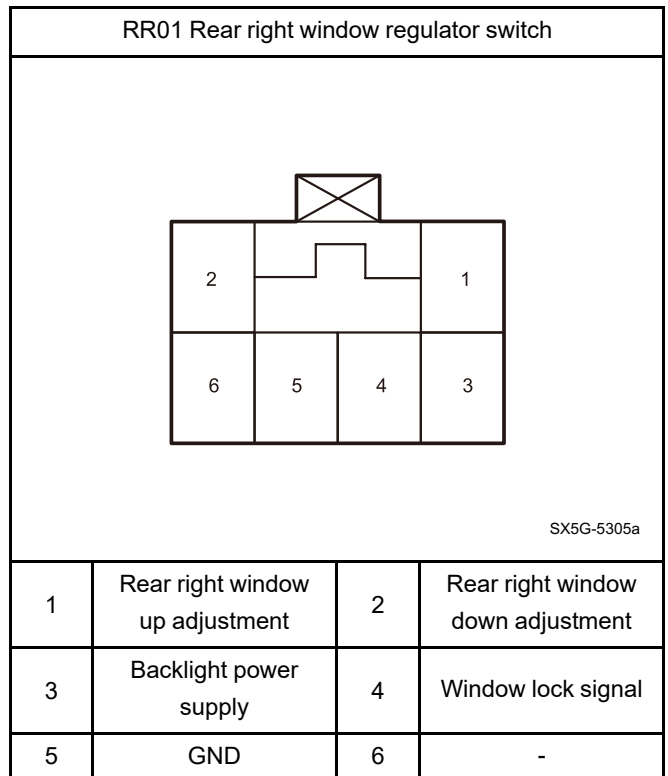
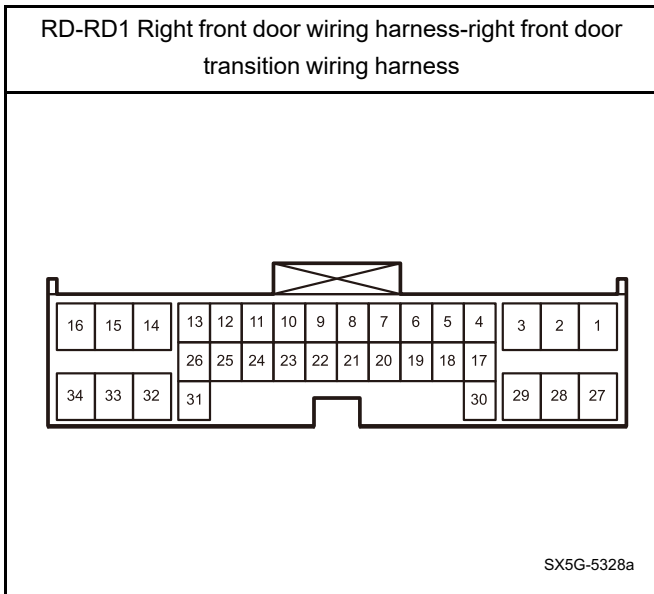
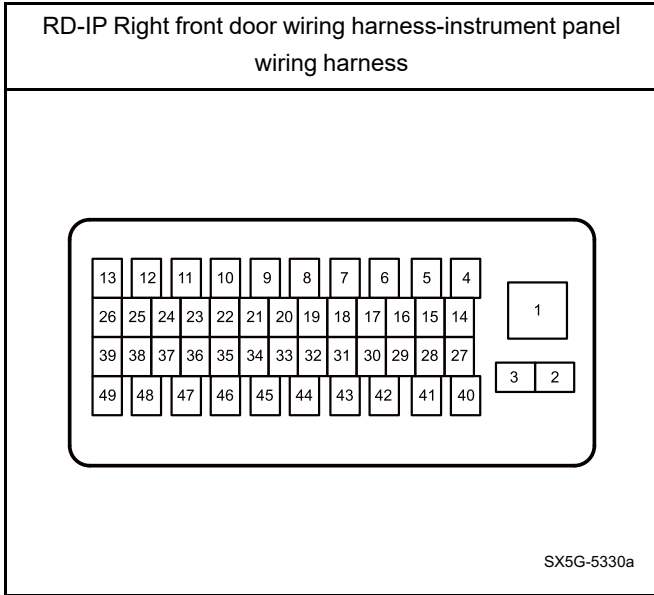
RD07 Front right door handle antenna

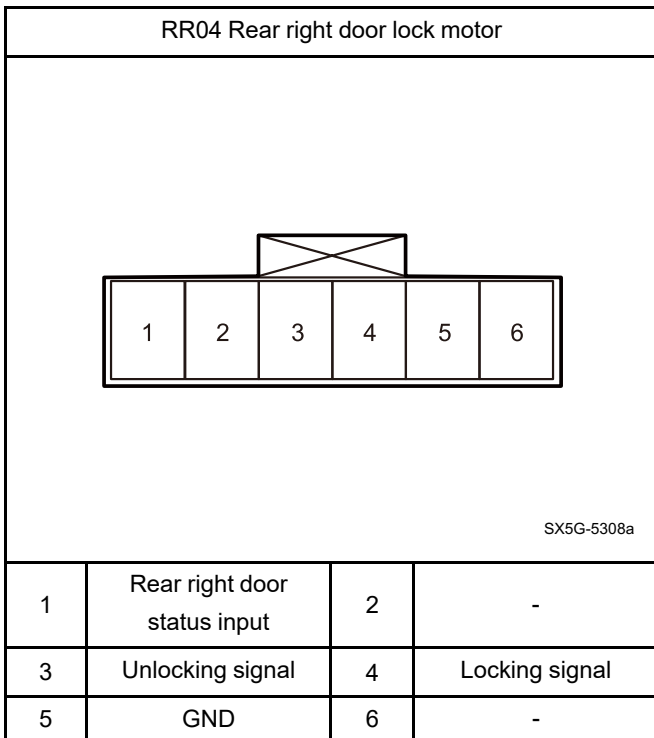
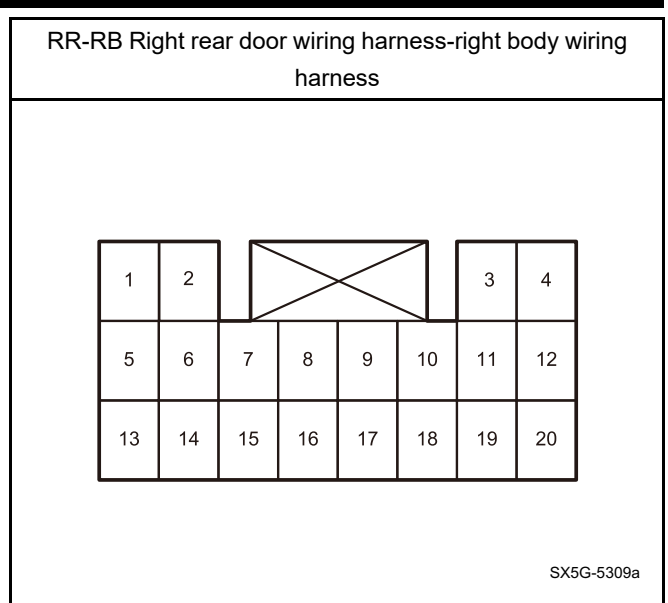
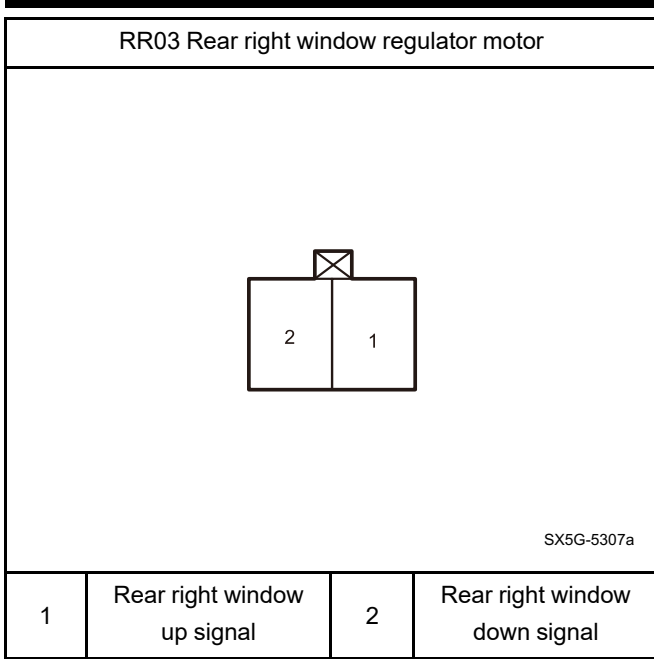
SX5G-5327a

1	Antenna +	2	Antenna -
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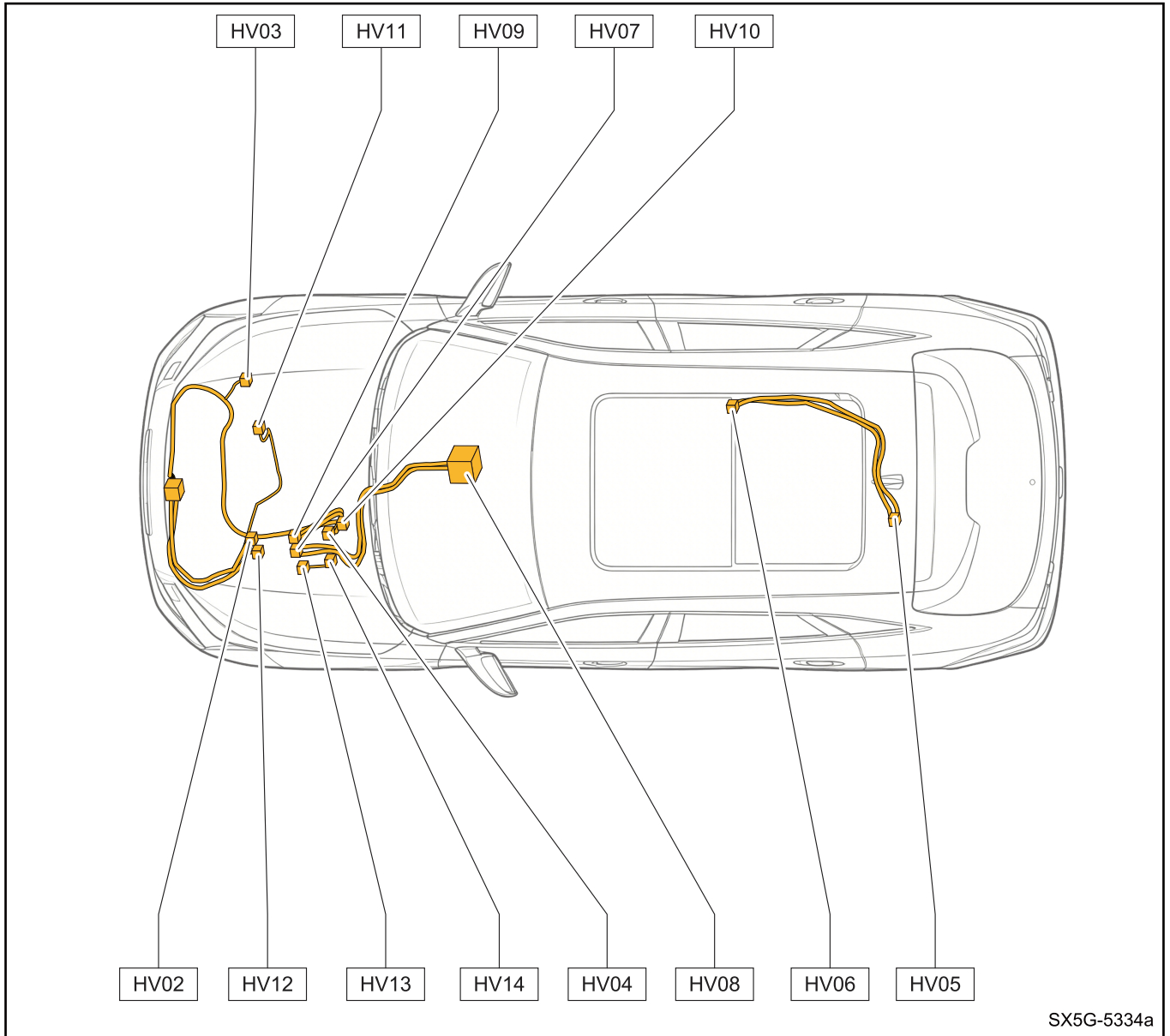


23	Rear right window up adjustment	24	Rear right window down adjustment
25	-	26	-





Layout drawing of power harness

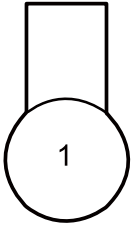


List of power harness connectors

Harness connector	Name	Harness connector	Name
C01	DCDC	HV08	High-voltage battery
HV02	PDU	HV09	PDU
HV03	HV charging cable-front compartment wiring harness	HV10	GCU
HV04	Two-in-one AC input	HV11	Electric compressor
HV05	Rear-wheel drive two-in-one	HV12	PDU
HV06	High-voltage battery	HV13	PDU
HV07	PDU	HV14	Power supply two-in-one

Definition of power harness terminal

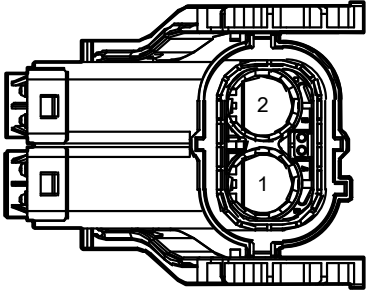
C01 DCDC



SX5G-5348a

1	Power supply	-	-
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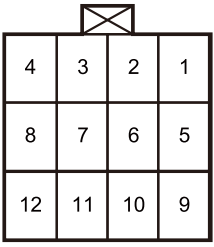
HV02 PDU



SX5G-5344a

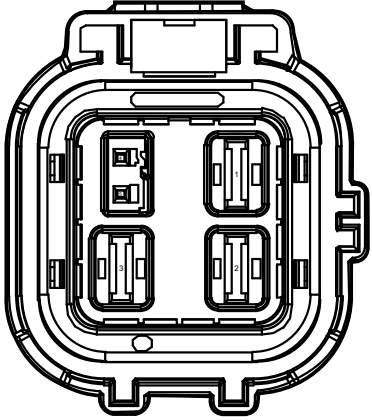
1	DC+	2	DC-
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HV03 HV charging cable-front compartment wiring harness



SX5G-5335a

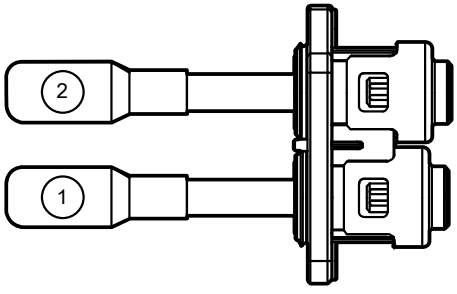
HV04 Two-in-one AC input



SX5G-5345a

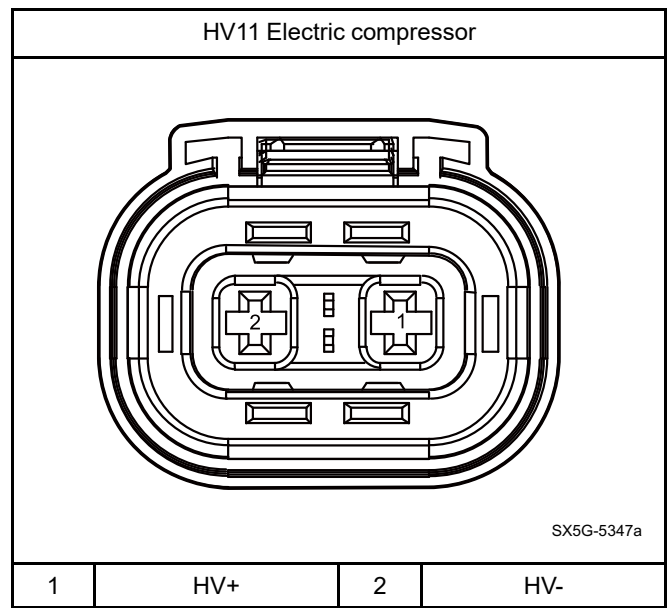
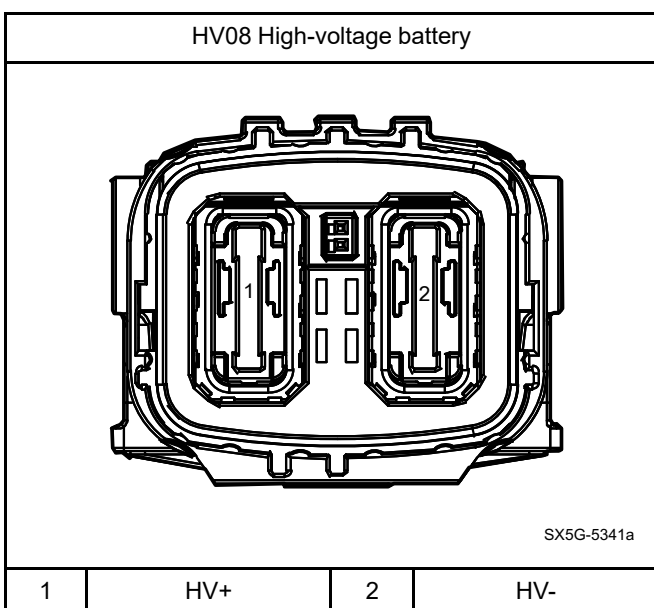
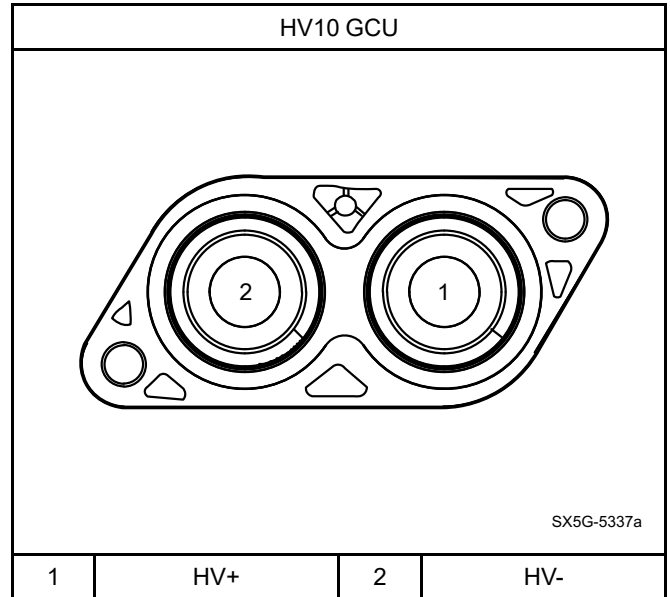
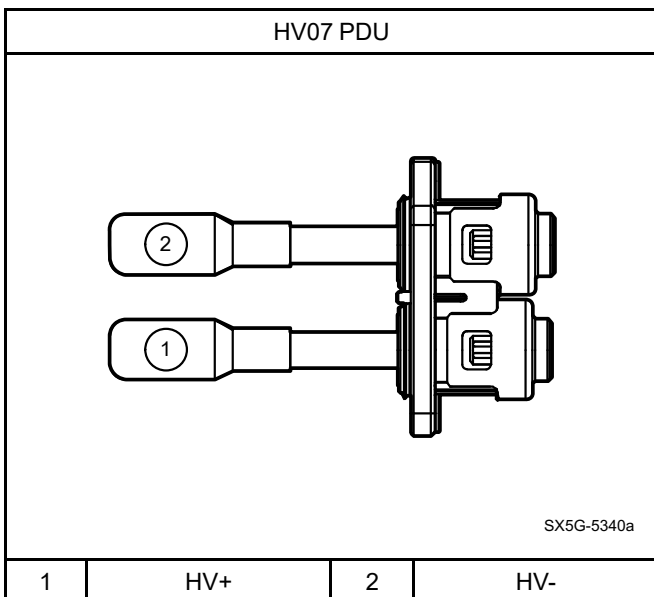
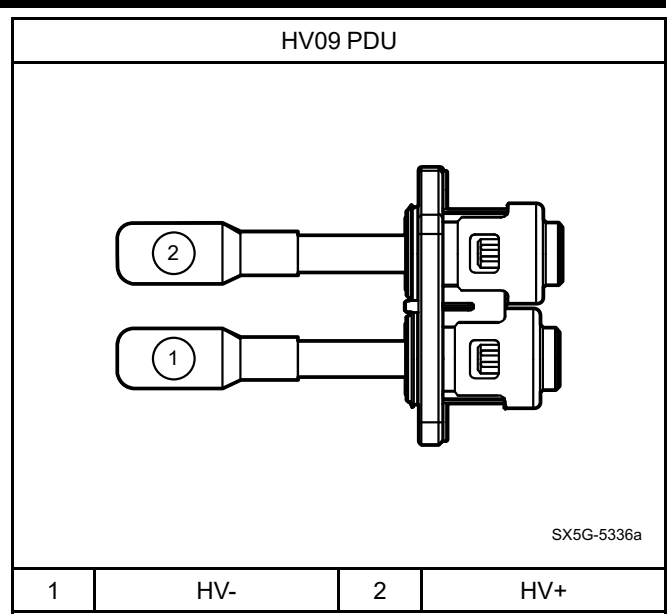
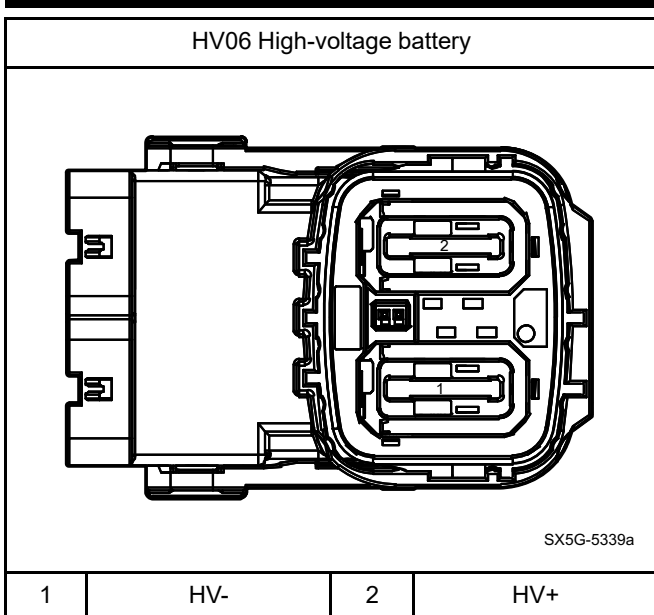
1	N	2	L
3	PE	4	INTERLOCK1
5	INTERLOCK2	-	-

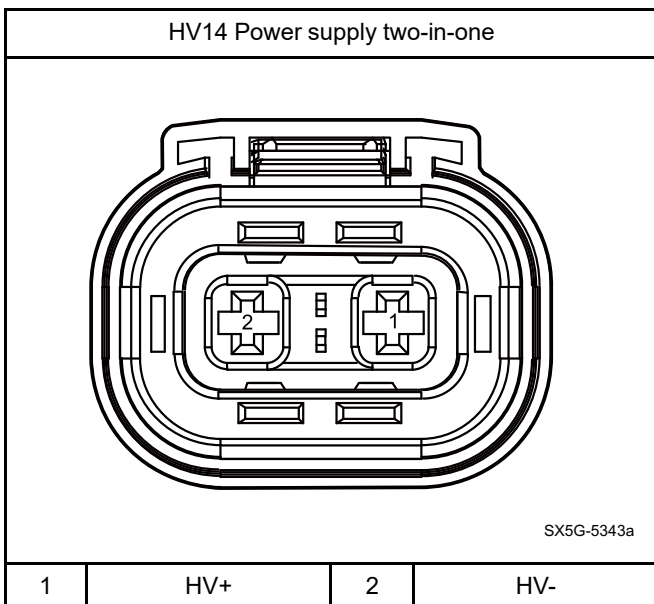
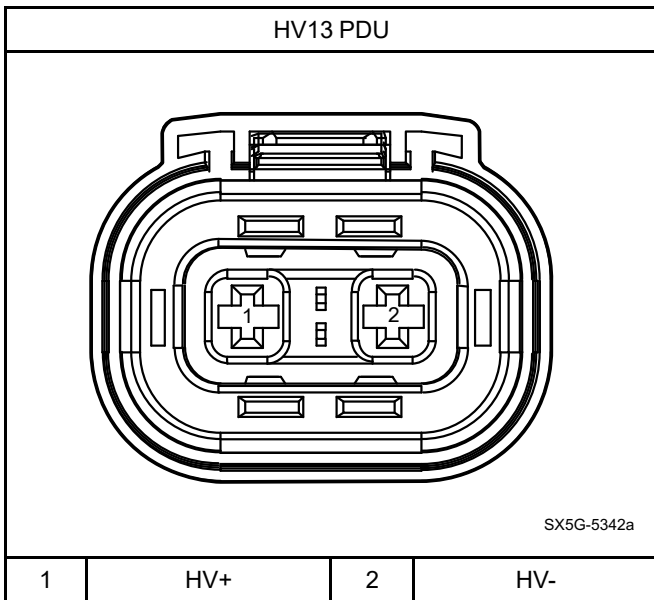
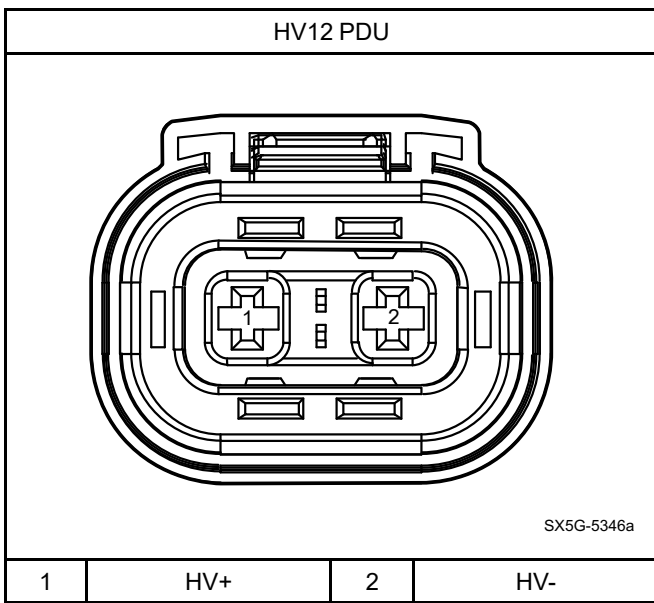
HV05 Rear-wheel drive two-in-one



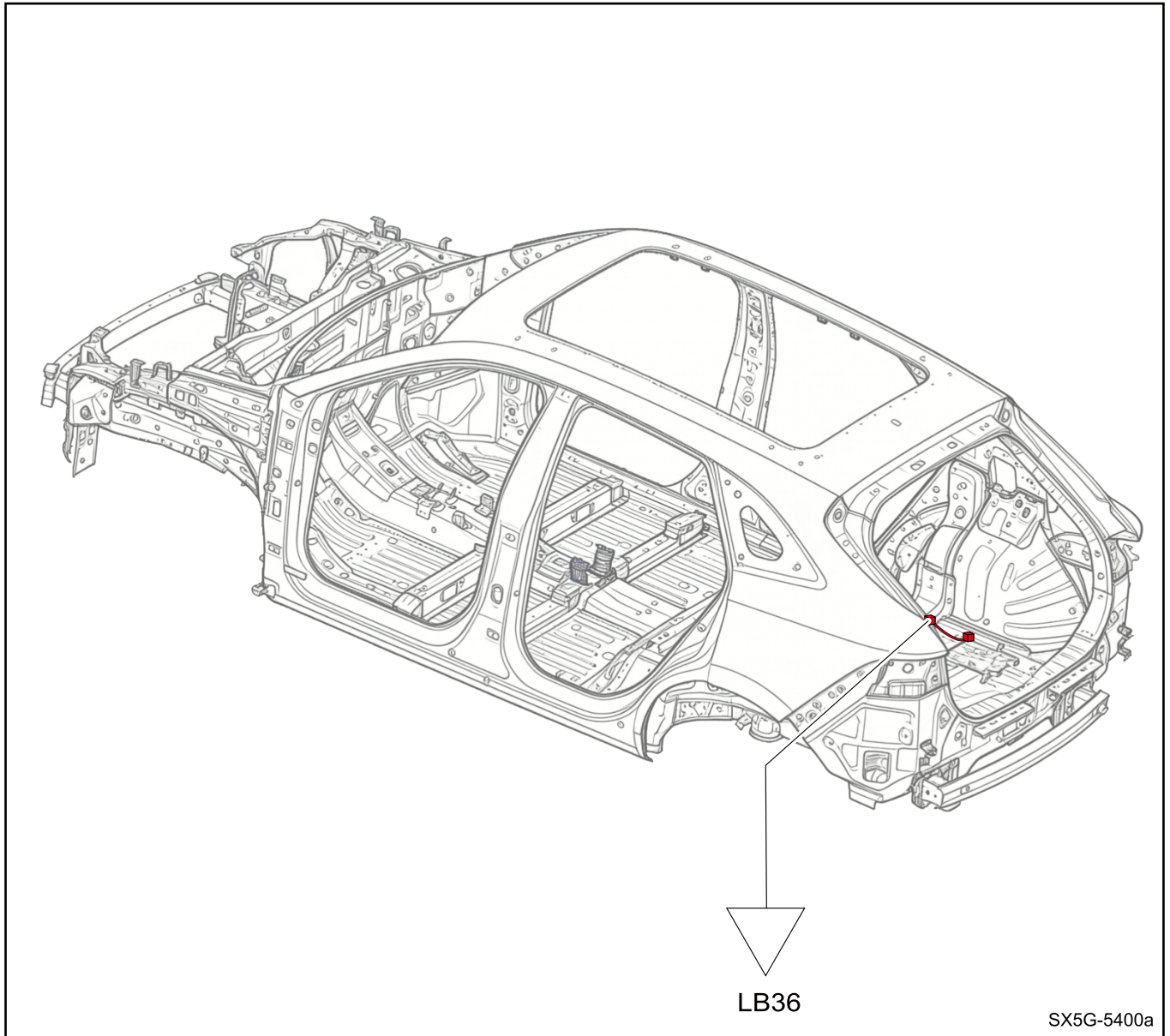
SX5G-5338a

1	HV-	2	HV+
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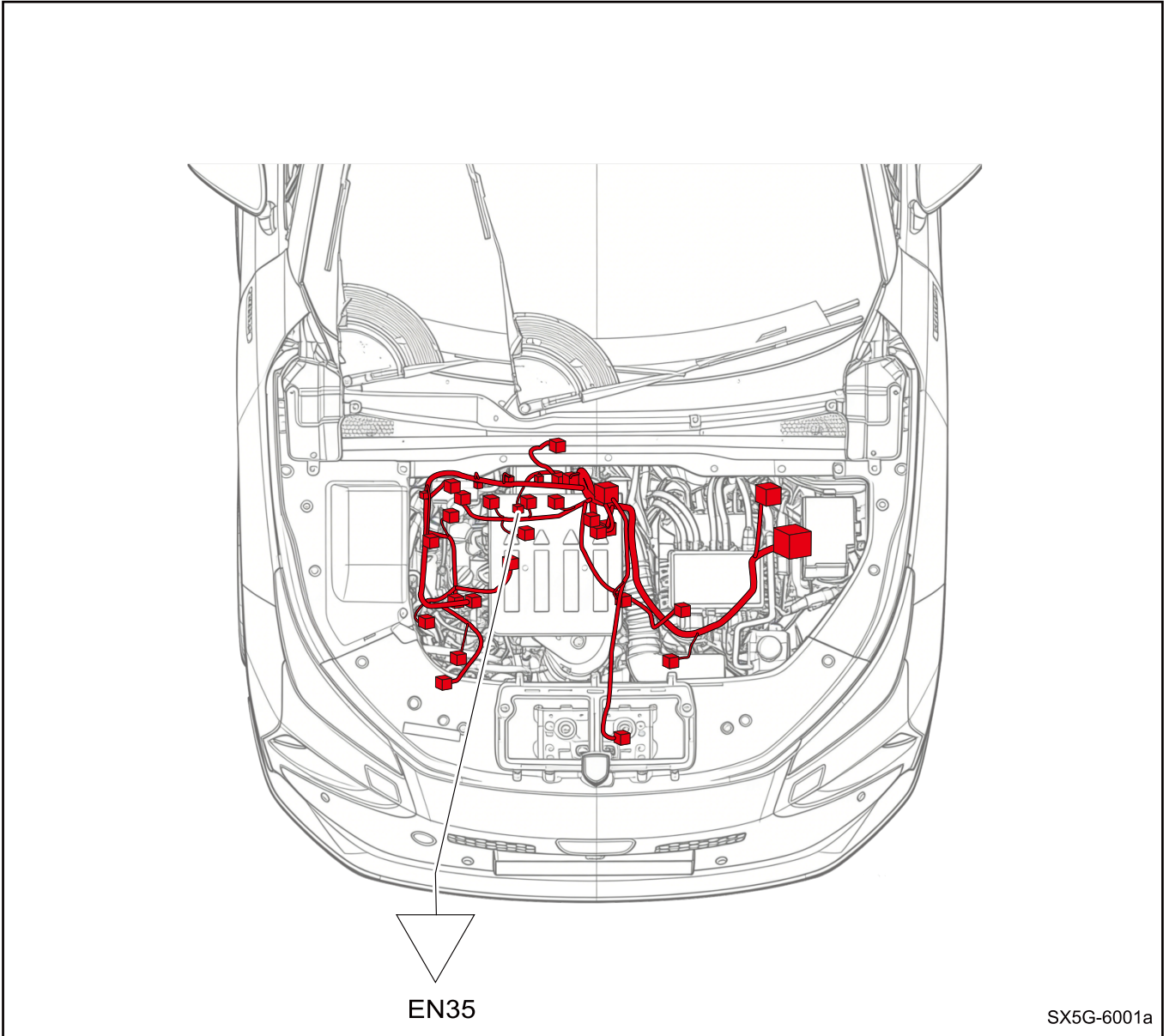


Layout drawing of grounding points, battery negative harness



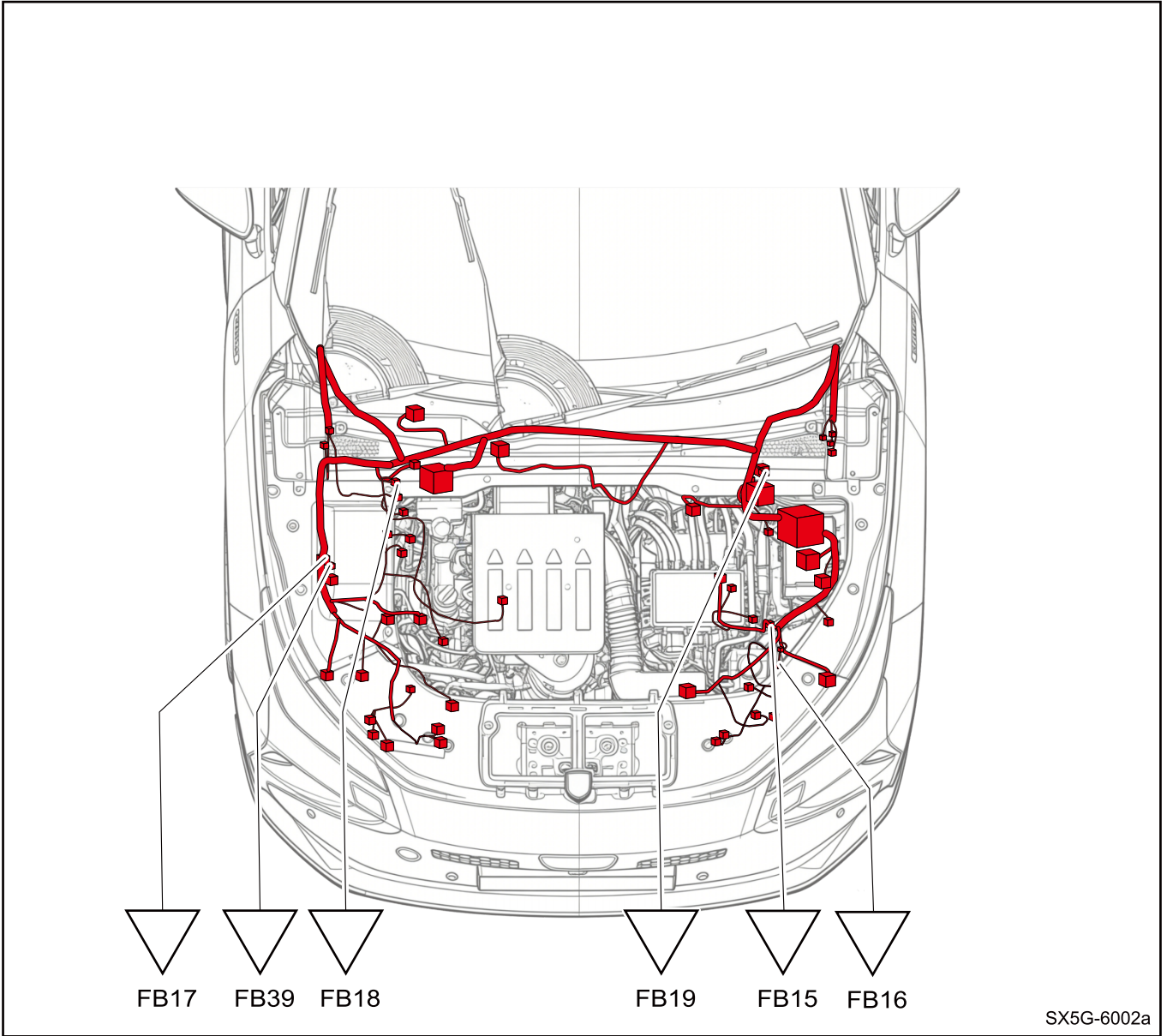
SX5G-5400a

Layout drawing of engine harness grounding points

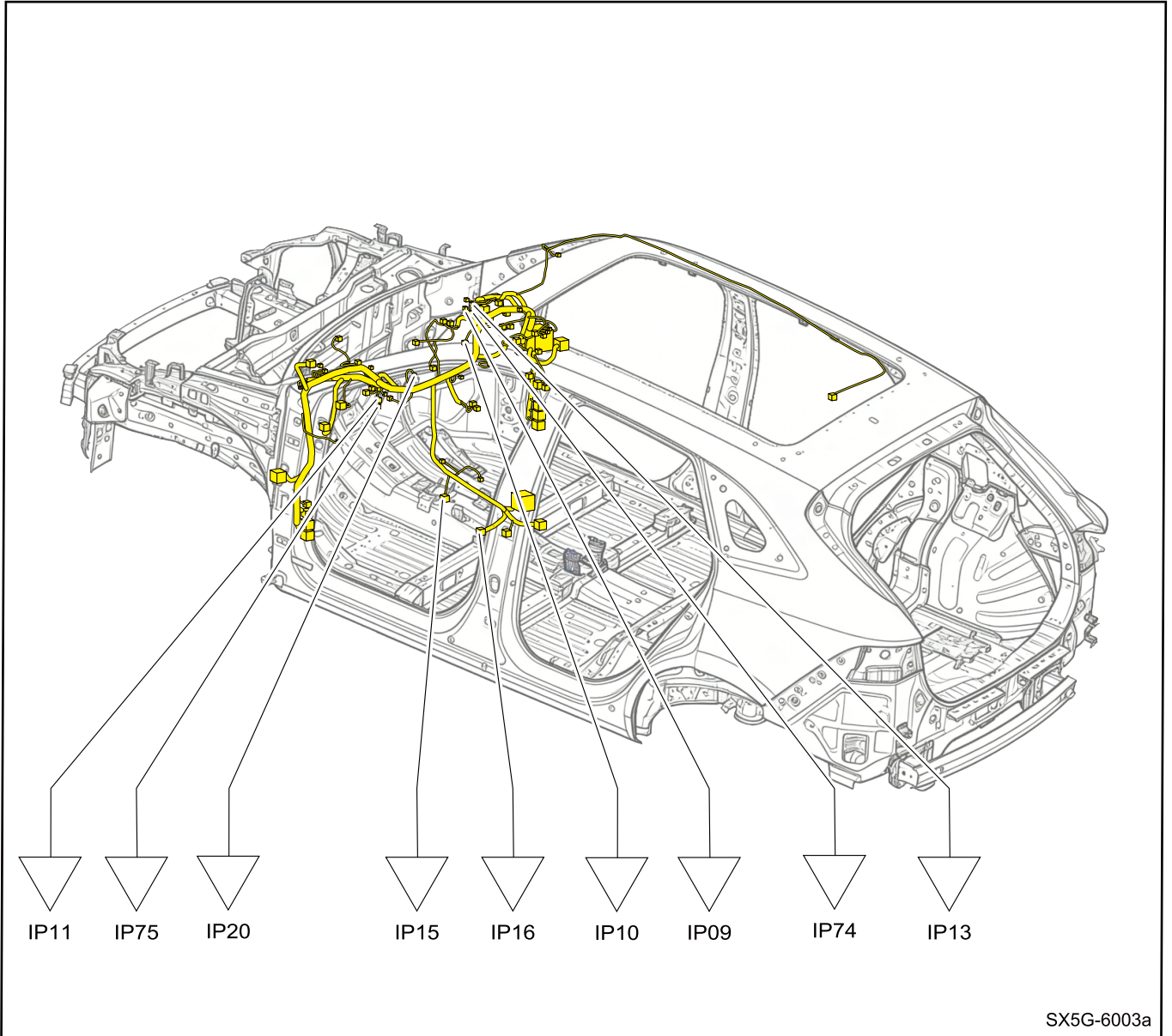


SX5G-6001a

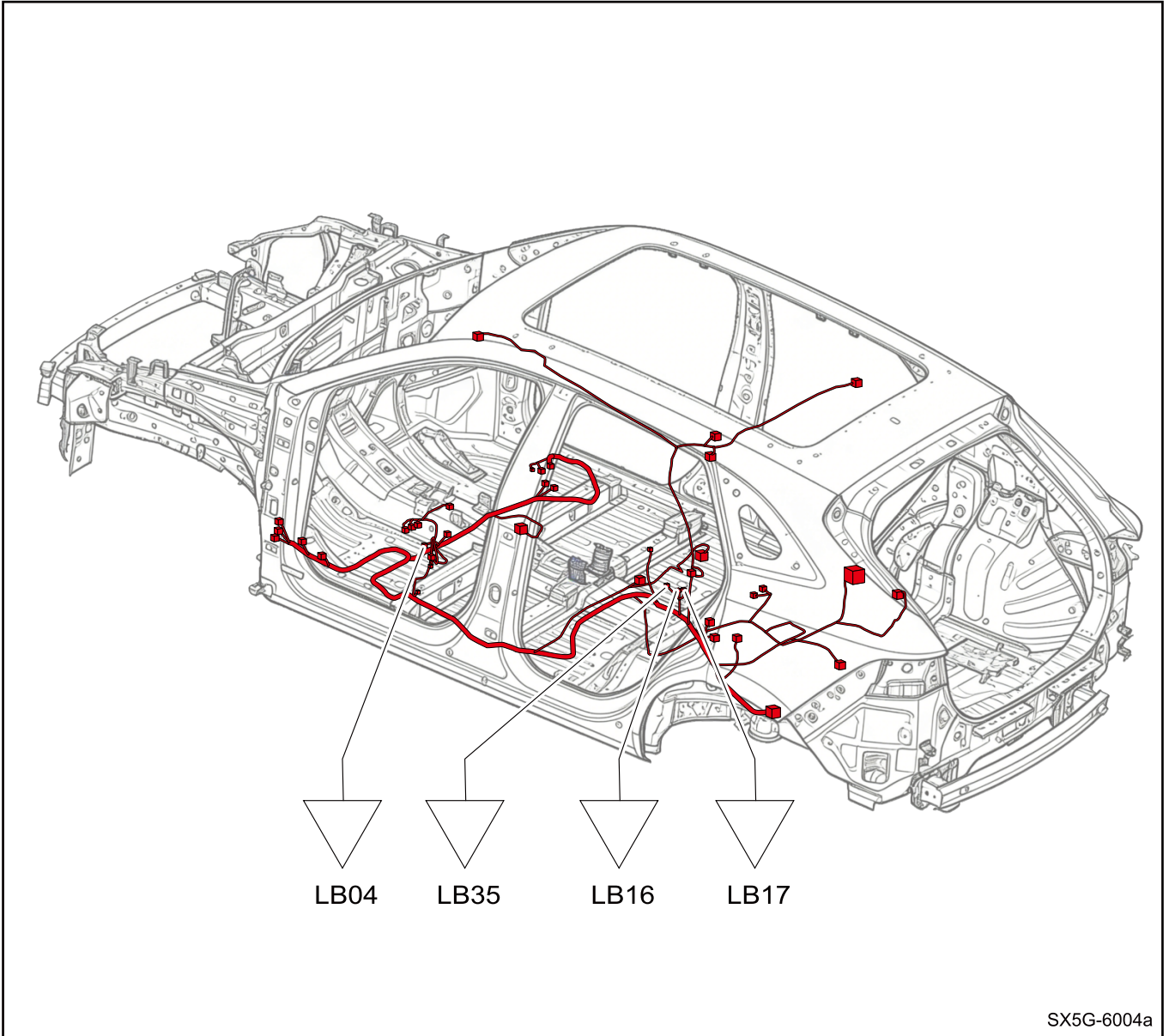
Layout drawing of front engine compartment harness grounding points



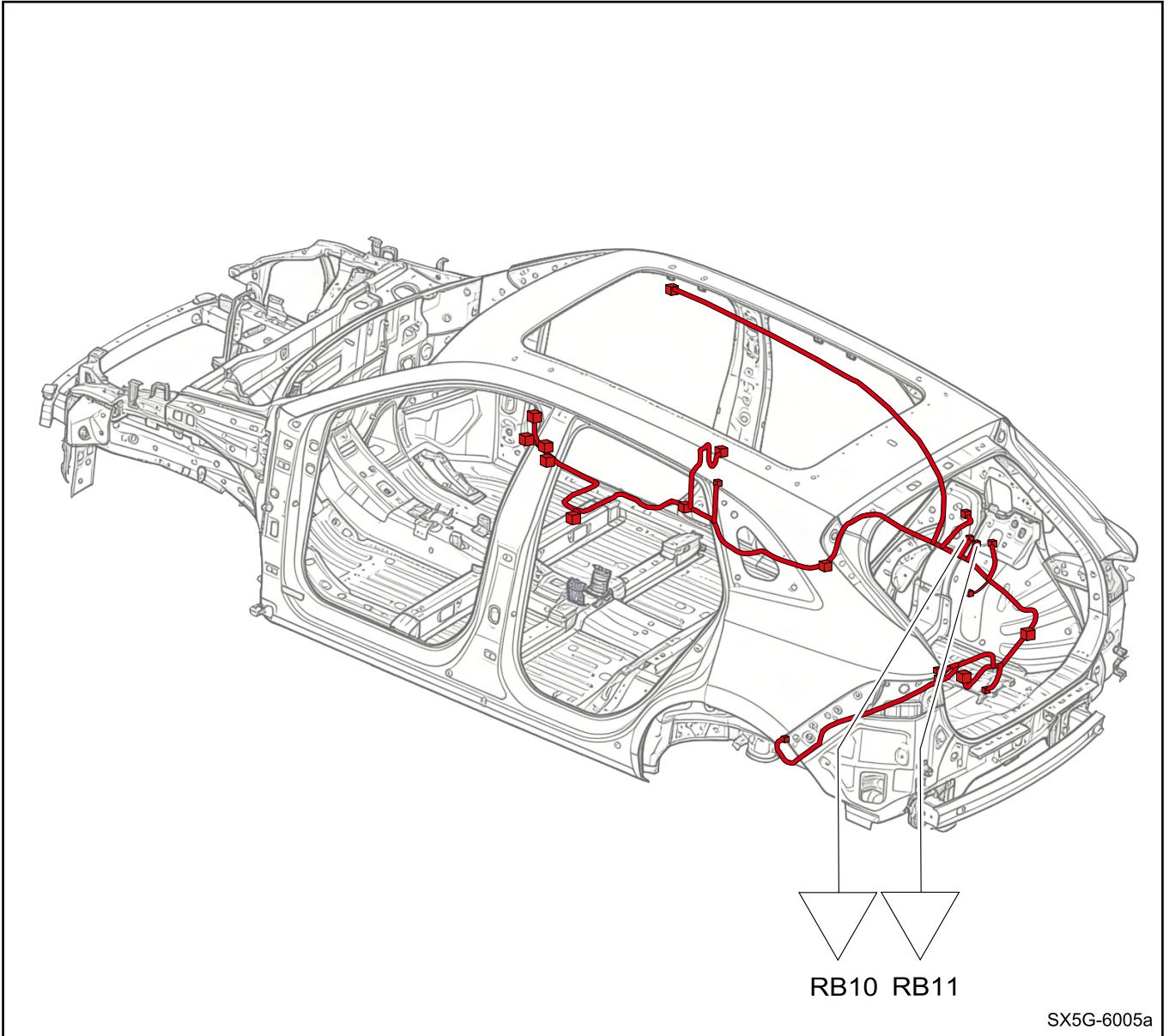
Layout drawing of instrument panel harness grounding points



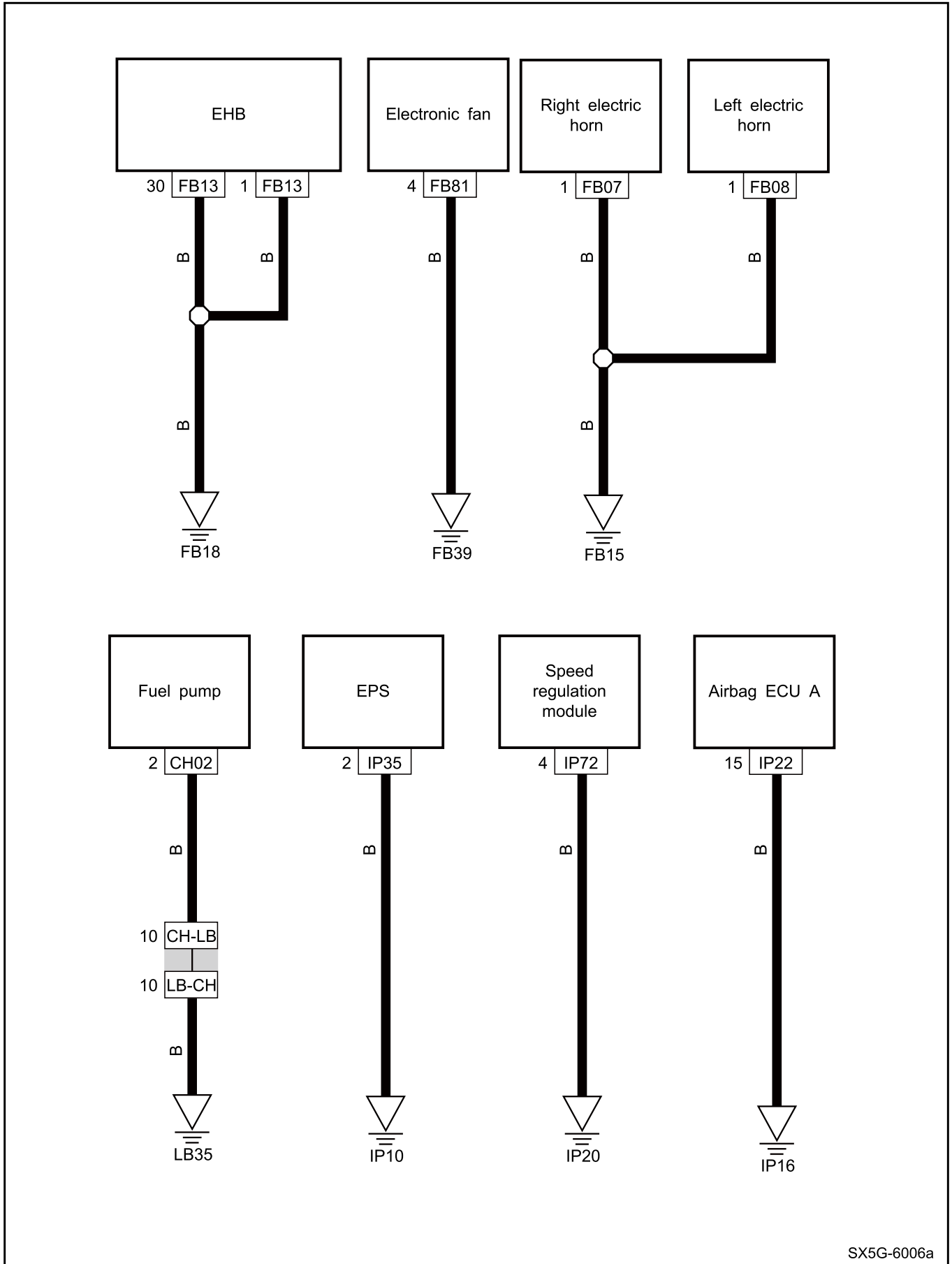
Layout drawing of left body harness grounding points



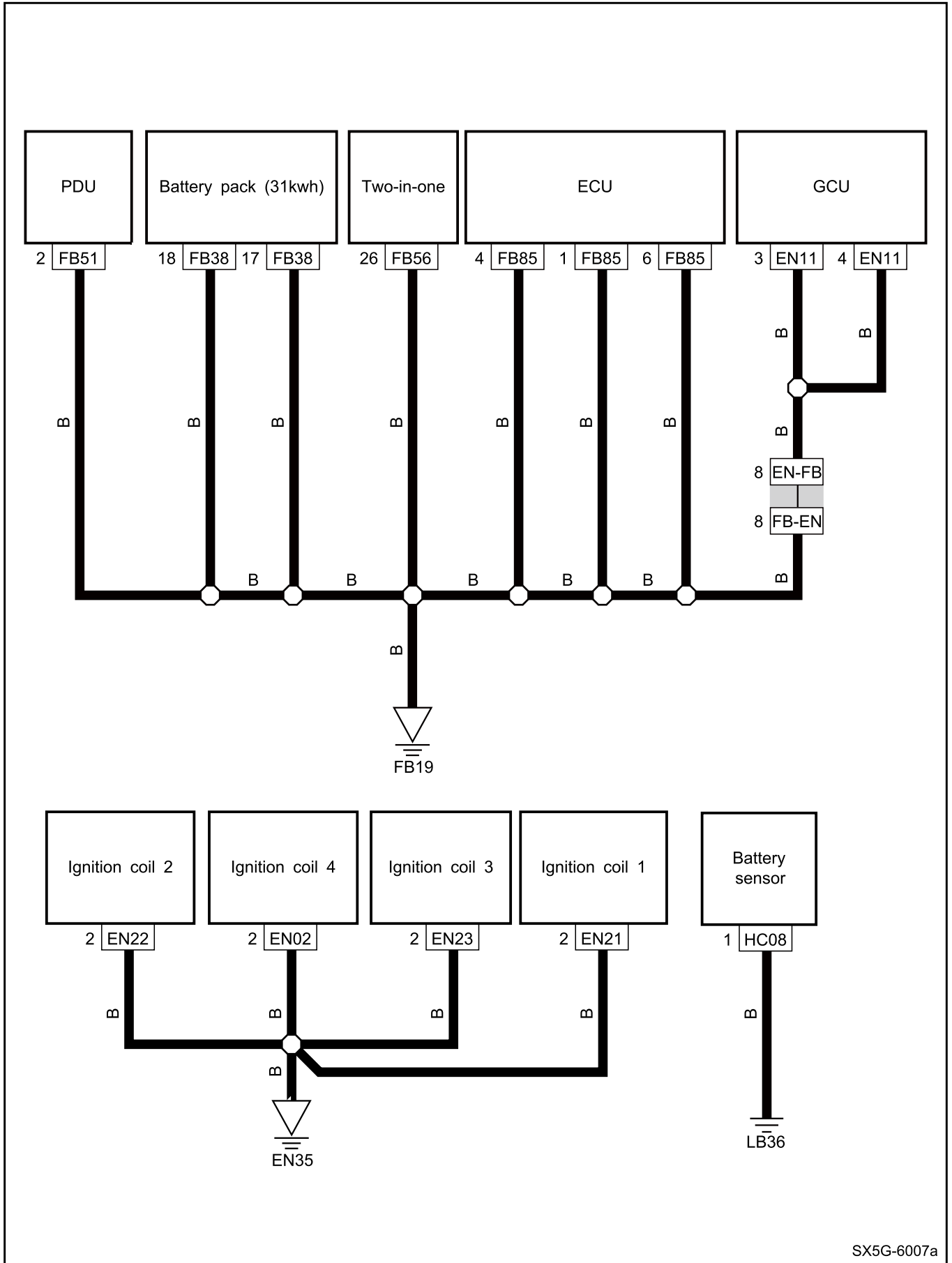
Layout drawing of right body harness grounding points



13.6.2 Circuit diagram of grounding points
 Grounding circuit diagram1

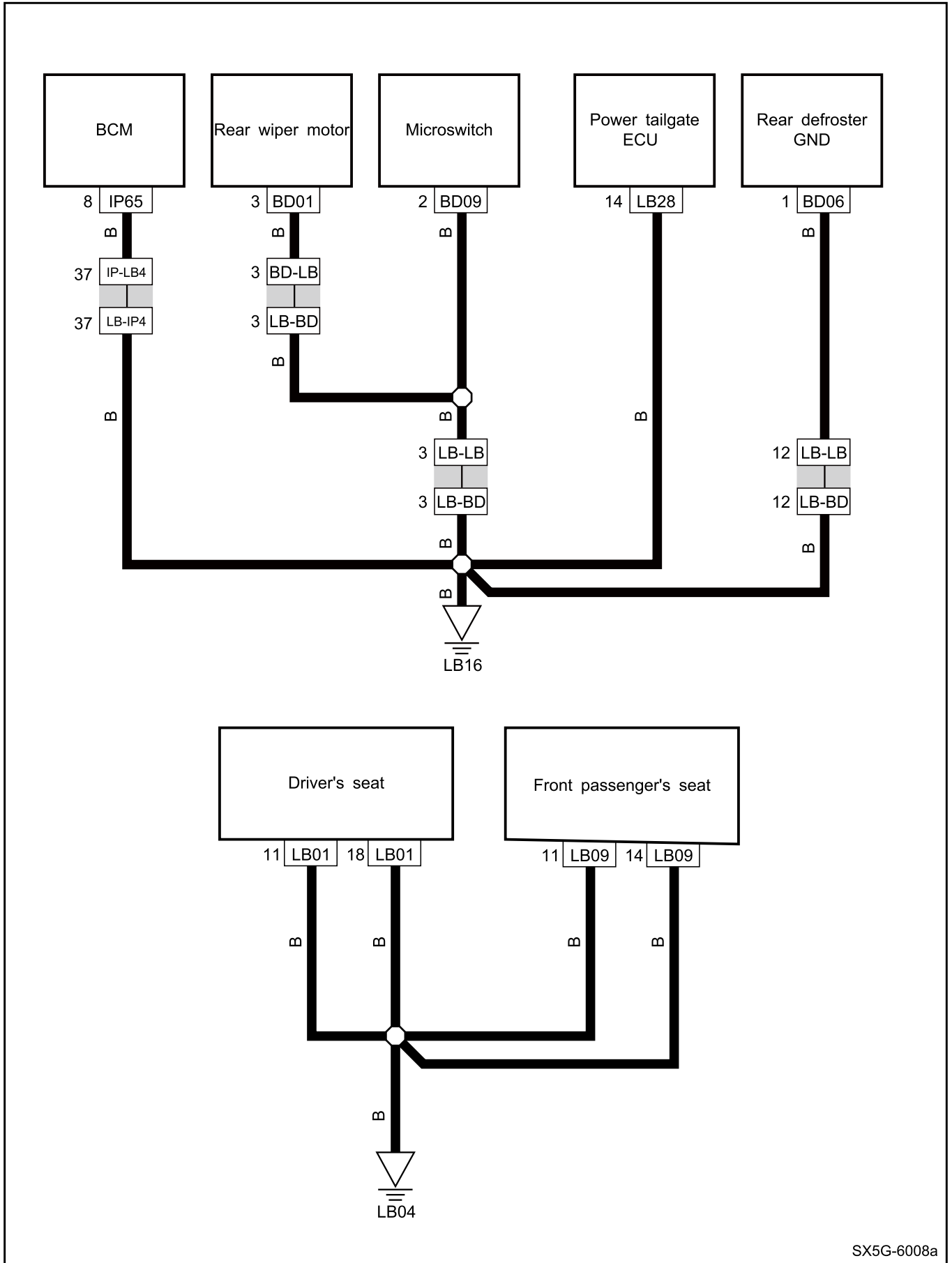


Grounding circuit diagram2



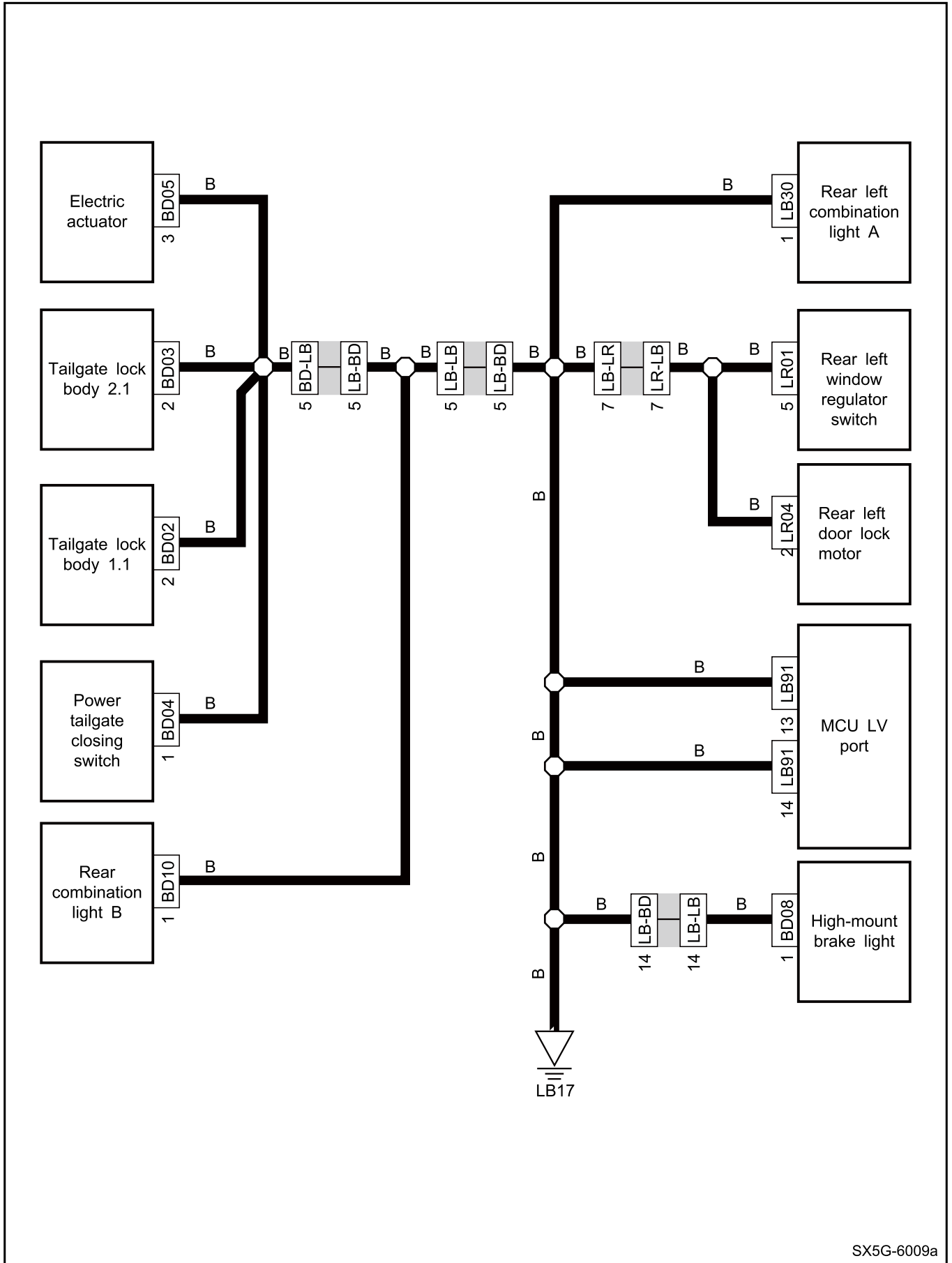
SX5G-6007a

Grounding circuit diagram3



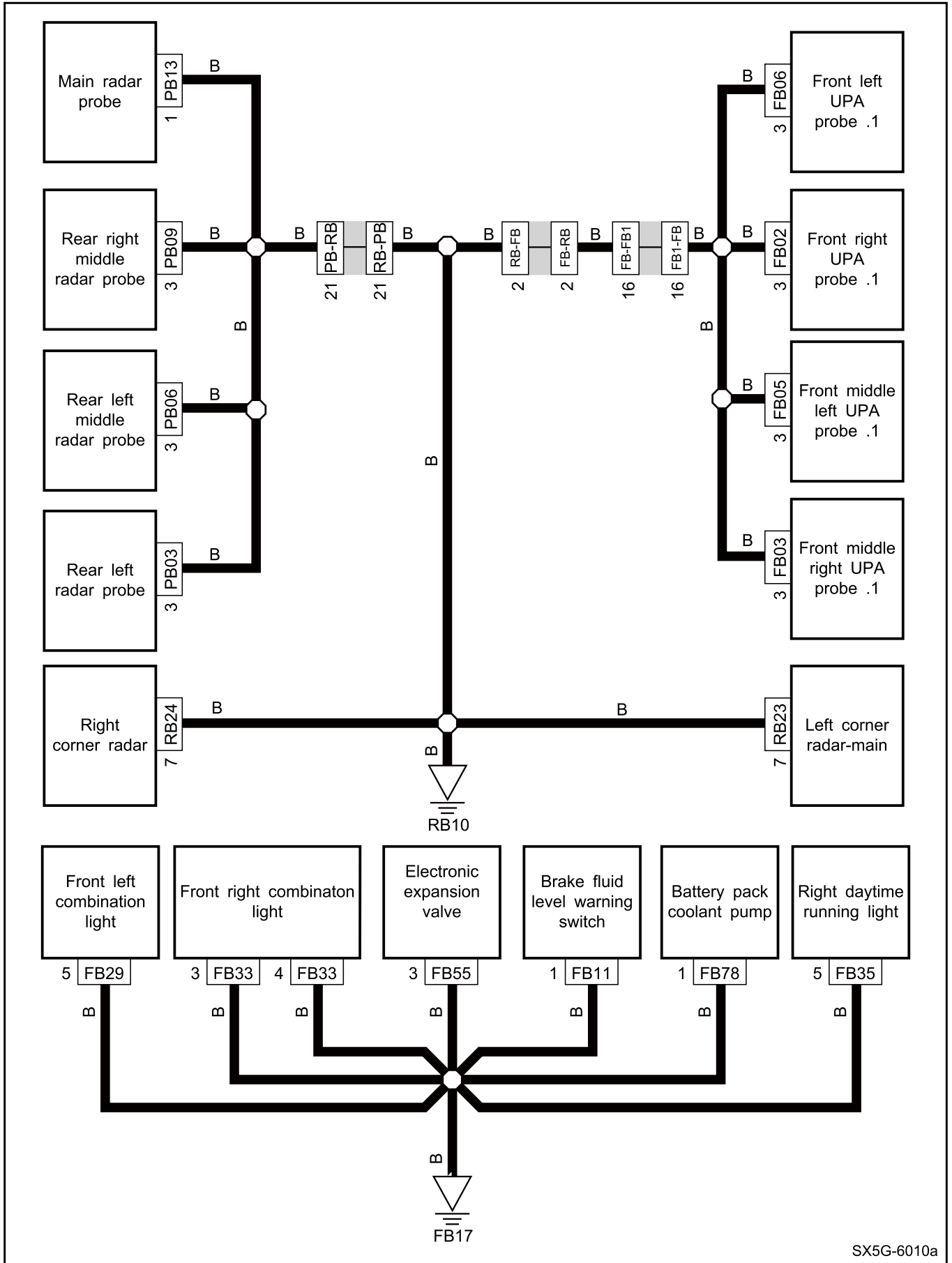
SX5G-6008a

Grounding circuit diagram4



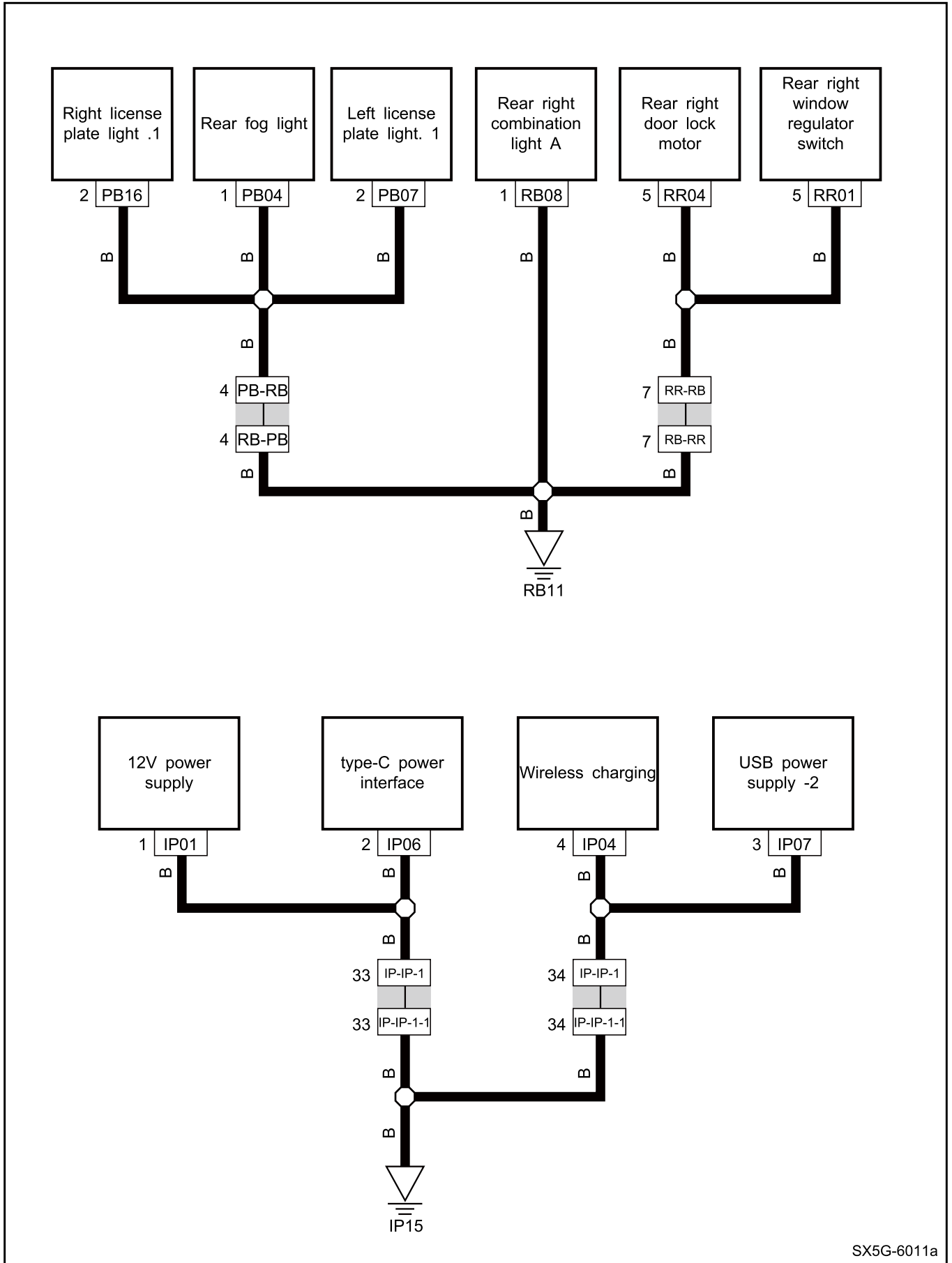
SX5G-6009a

Grounding circuit diagram5

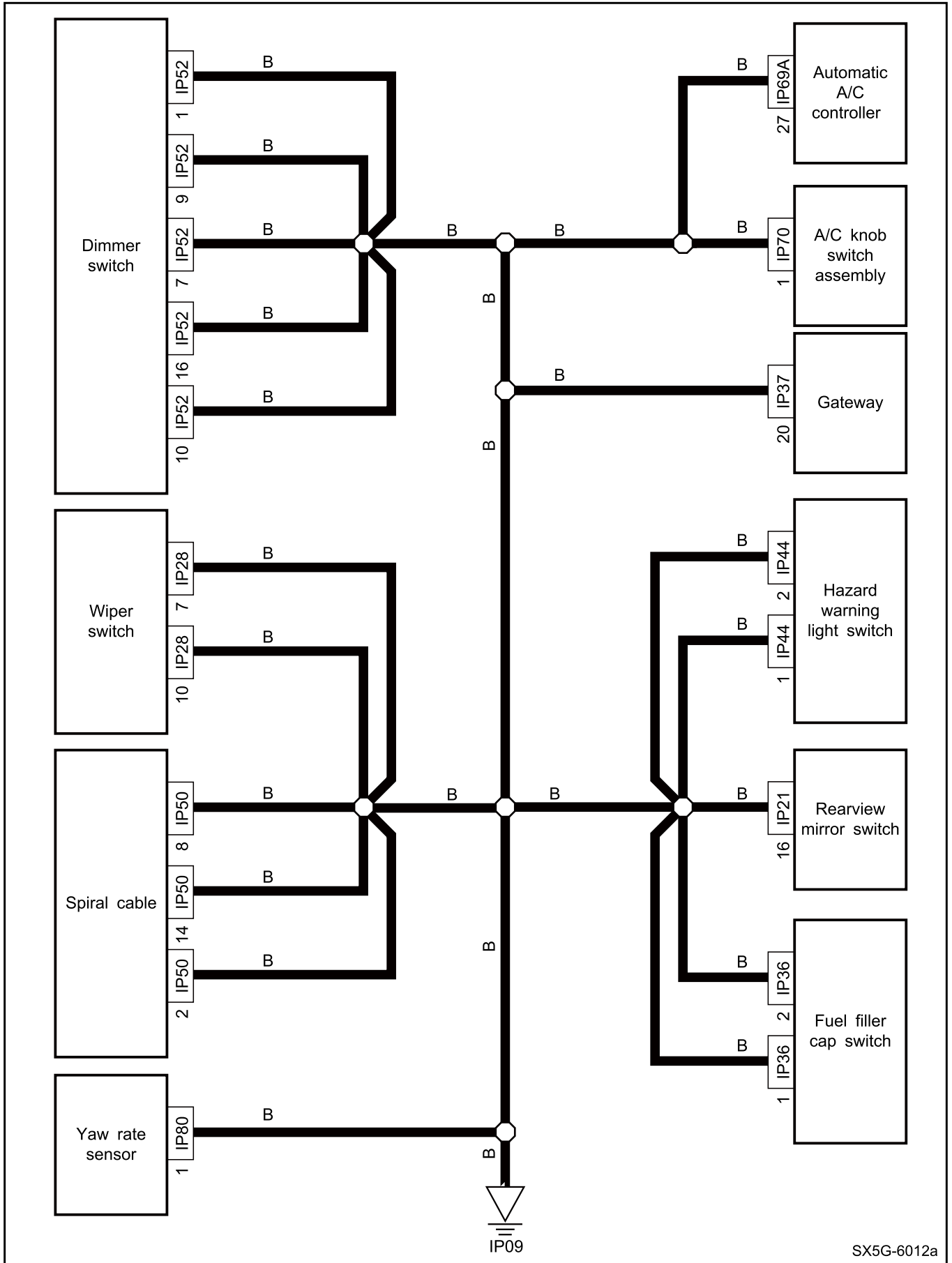


SX5G-6010a

Grounding circuit diagram6

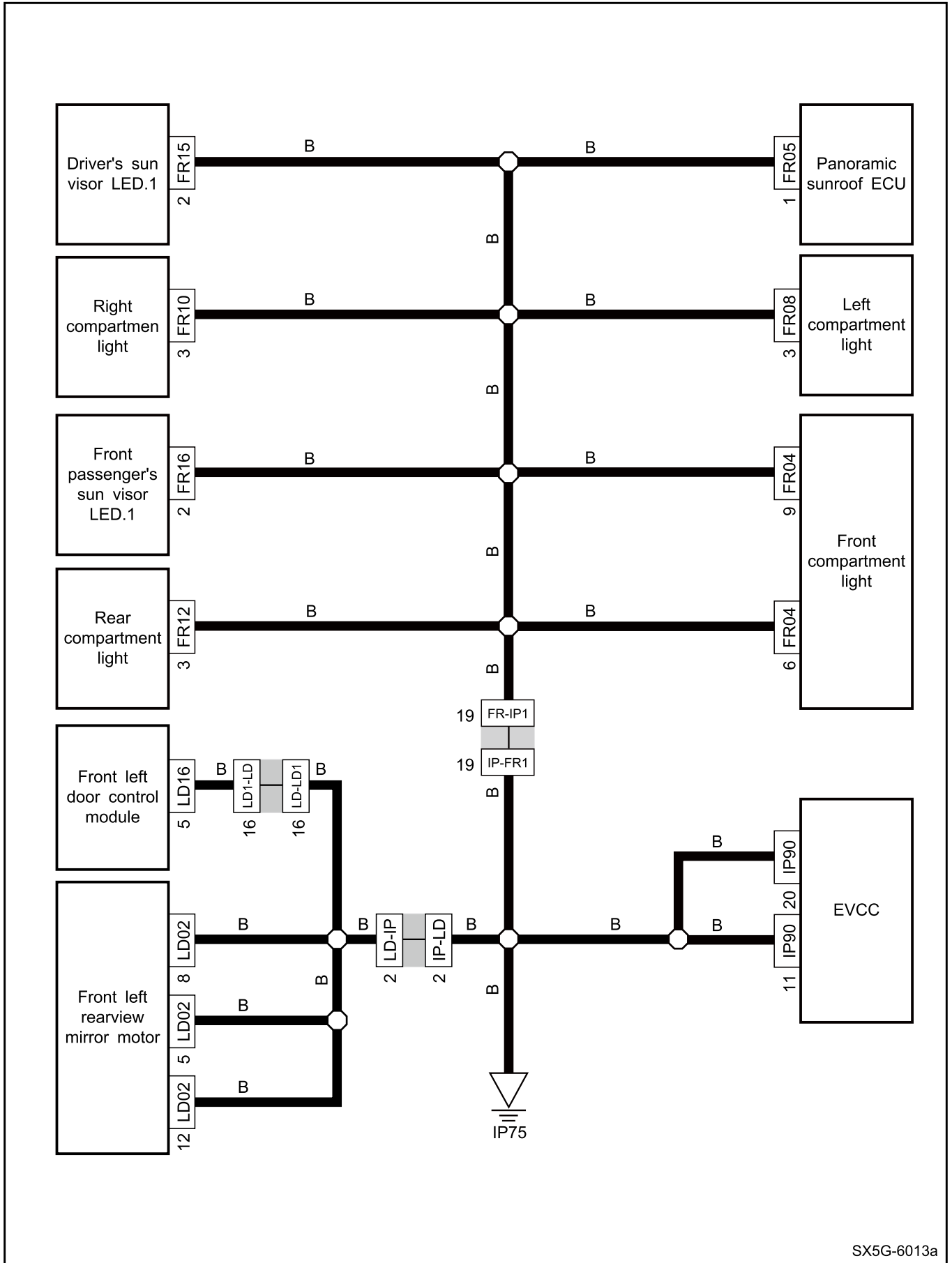


Grounding circuit diagram7



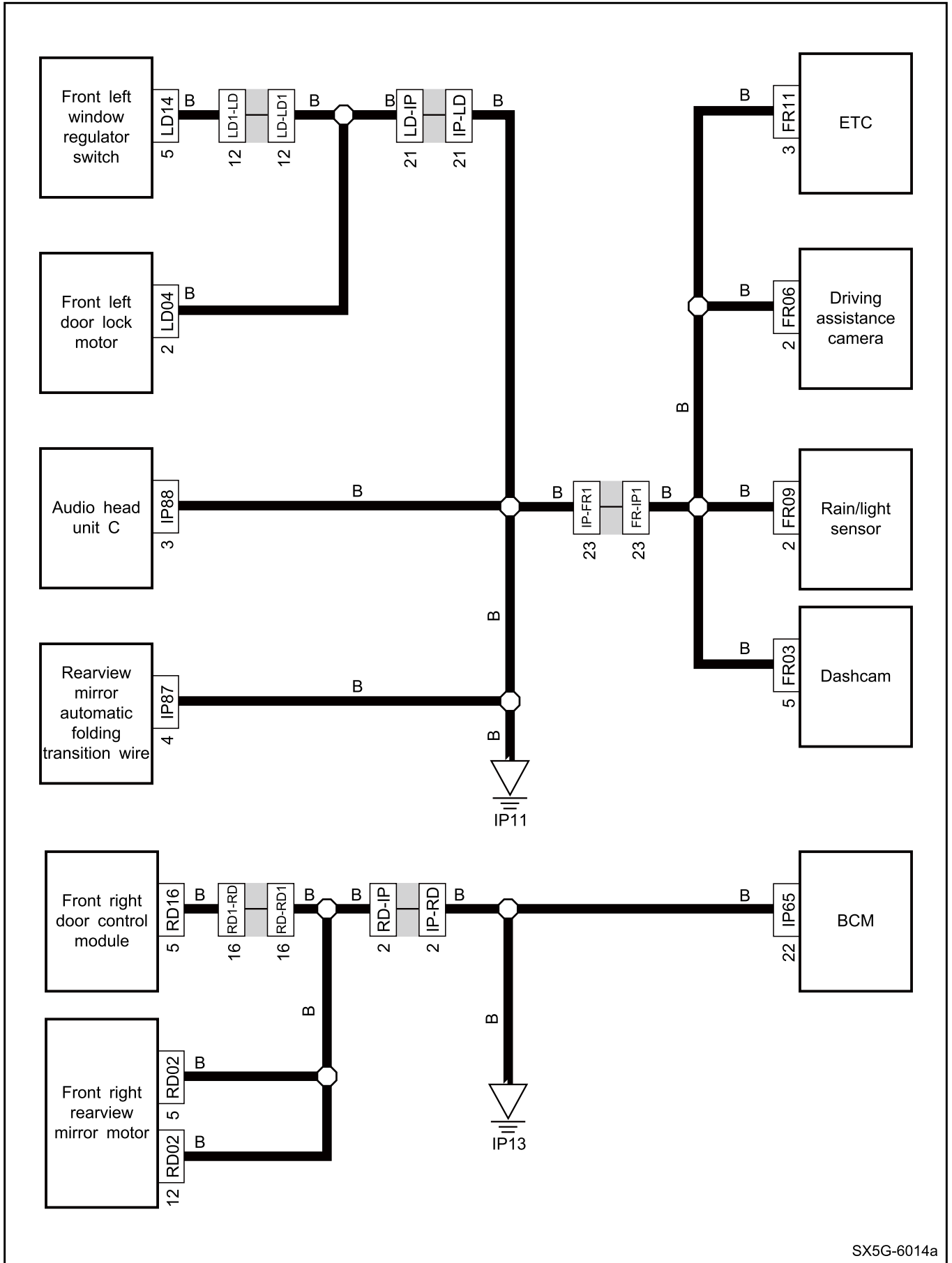
SX5G-6012a

Grounding circuit diagram8



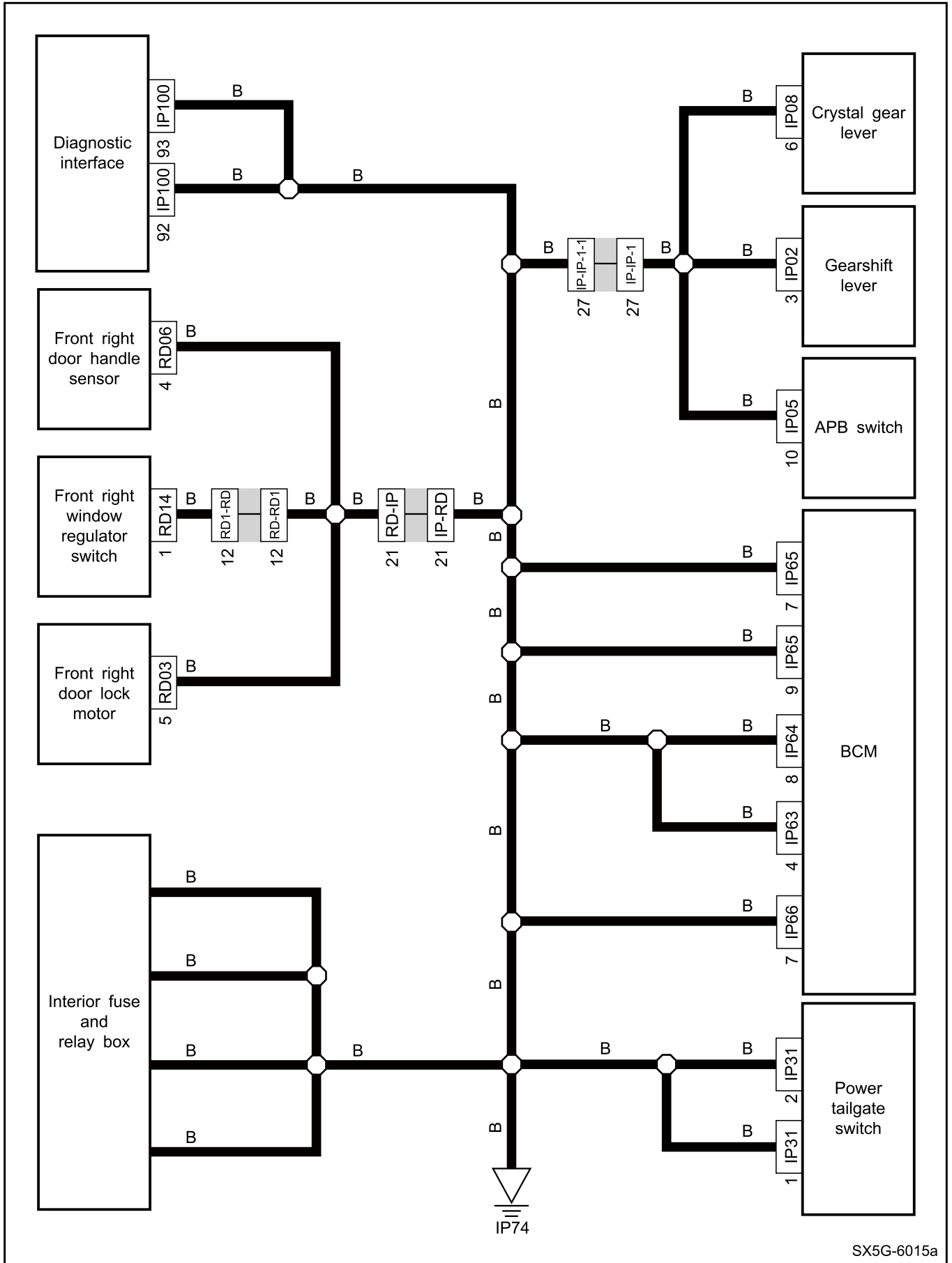
SX5G-6013a

Grounding circuit diagram9

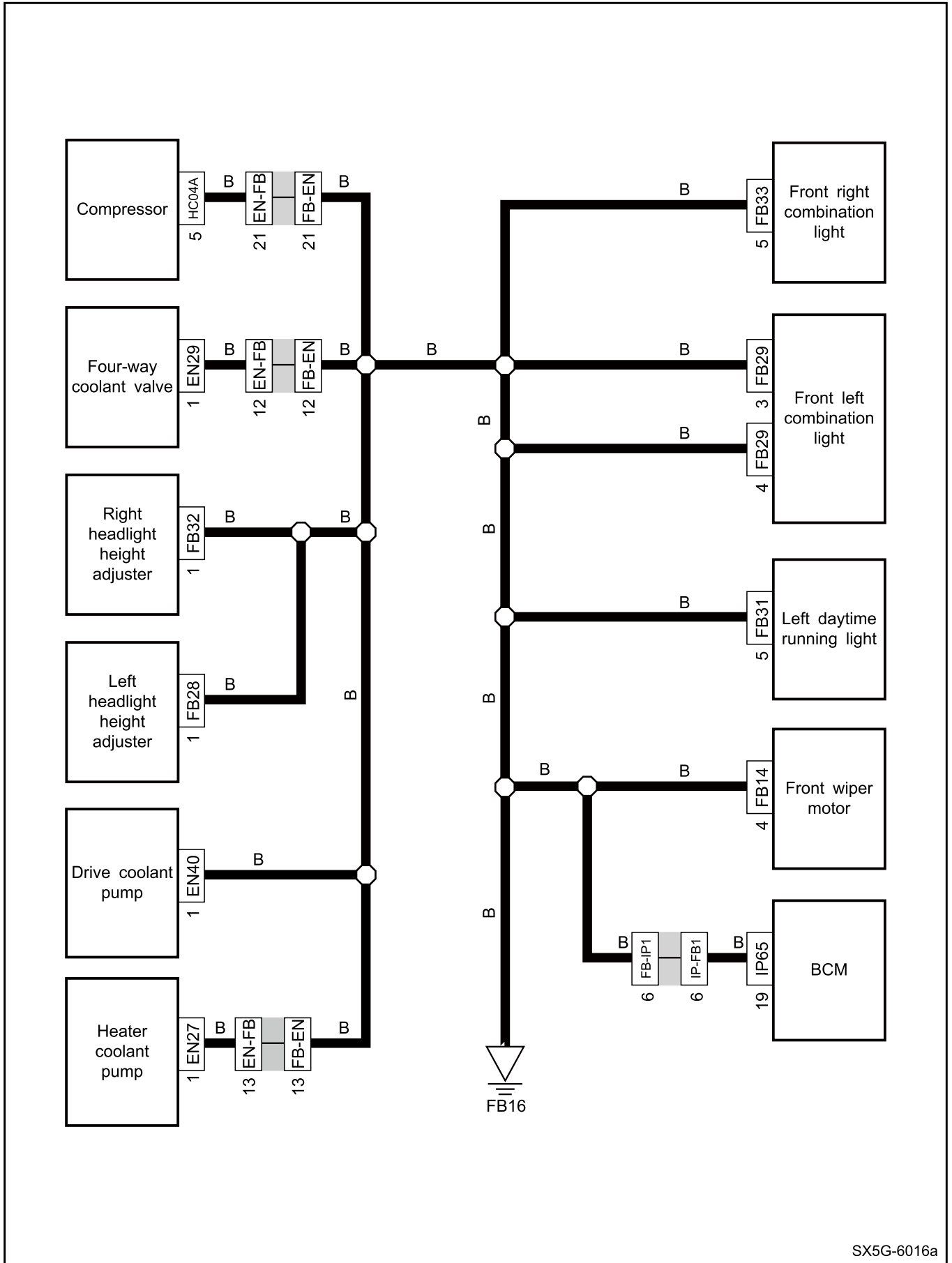


SX5G-6014a

Grounding circuit diagram10

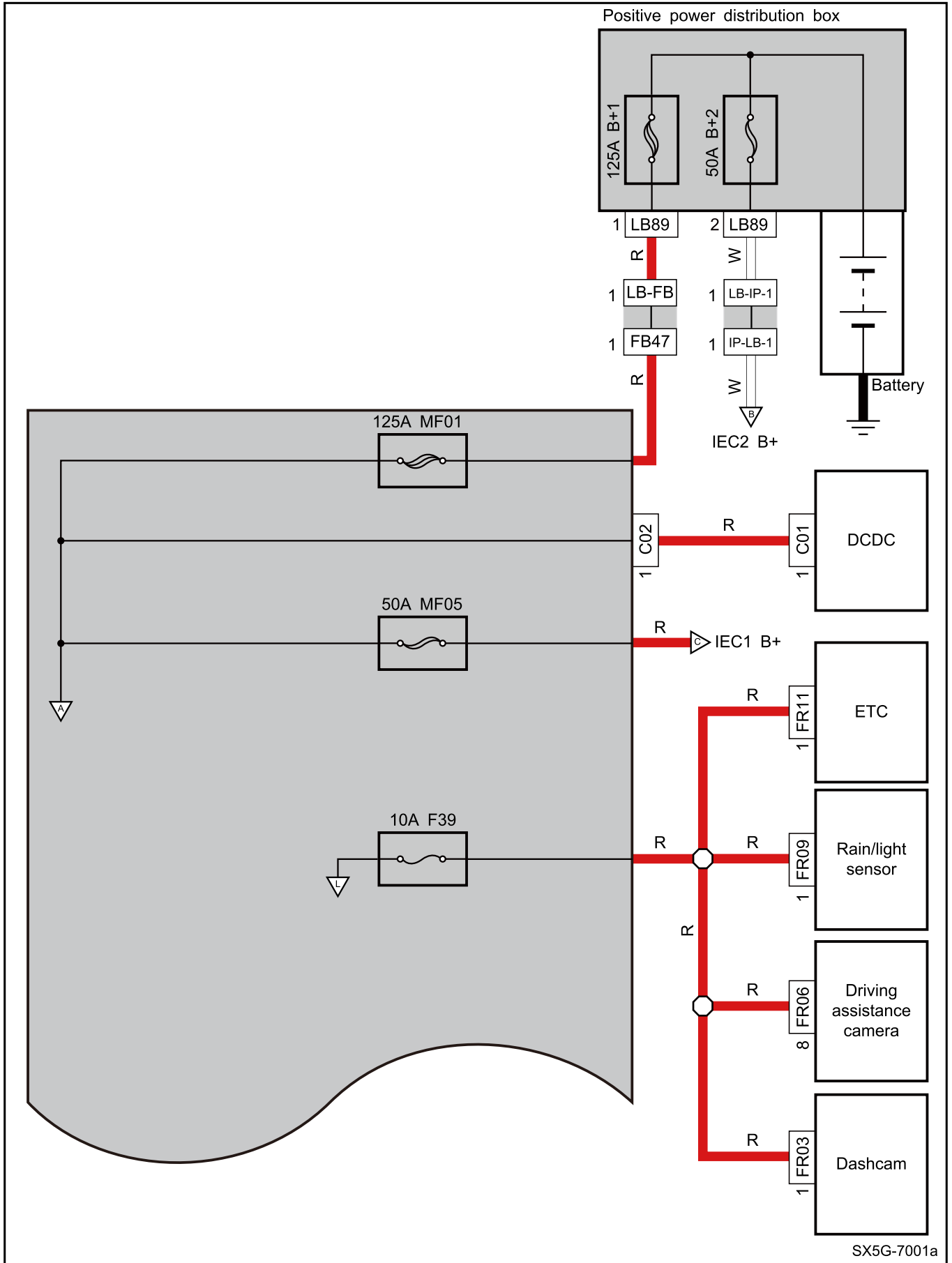


Grounding circuit diagram11

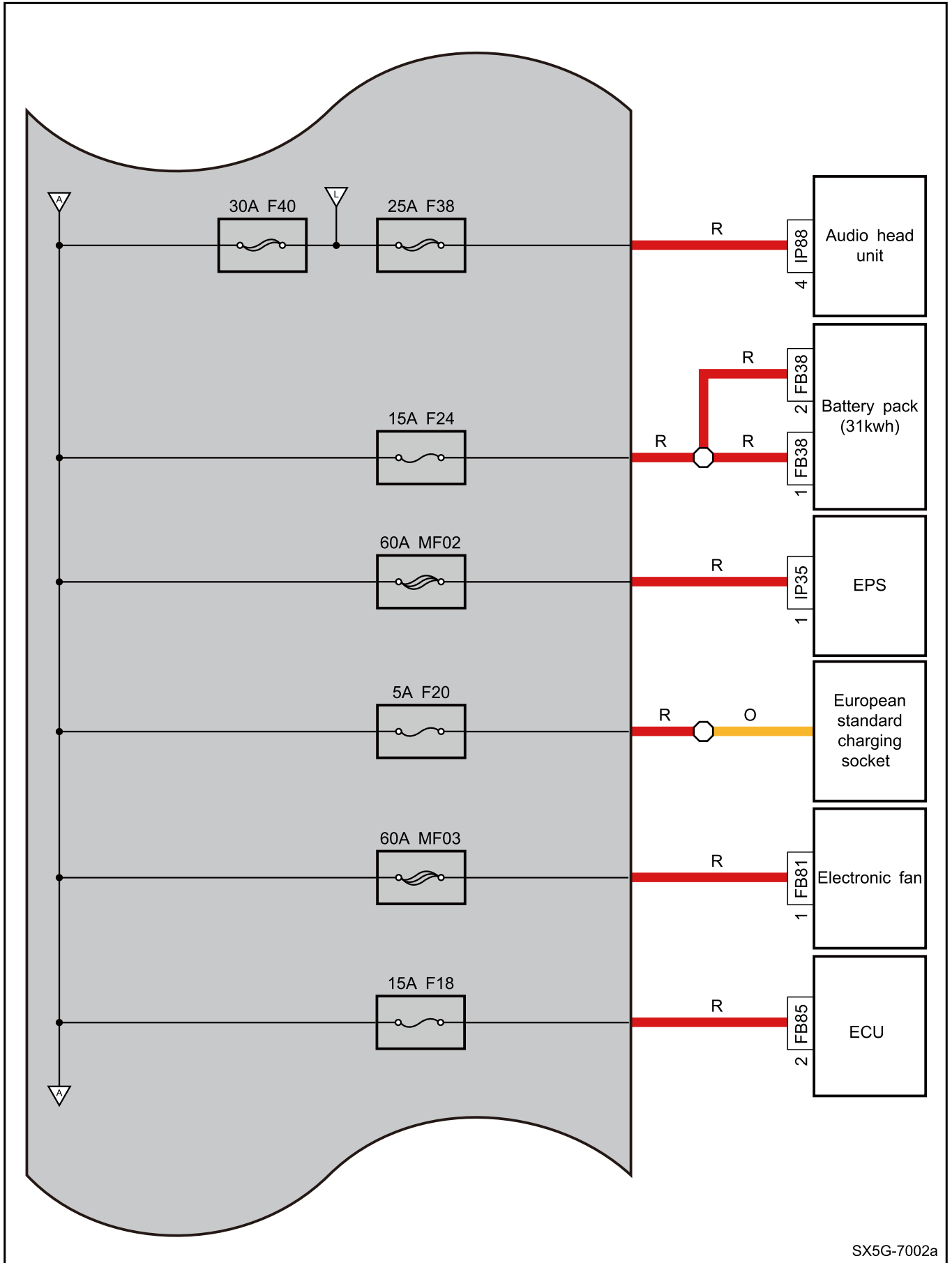


SX5G-6016a

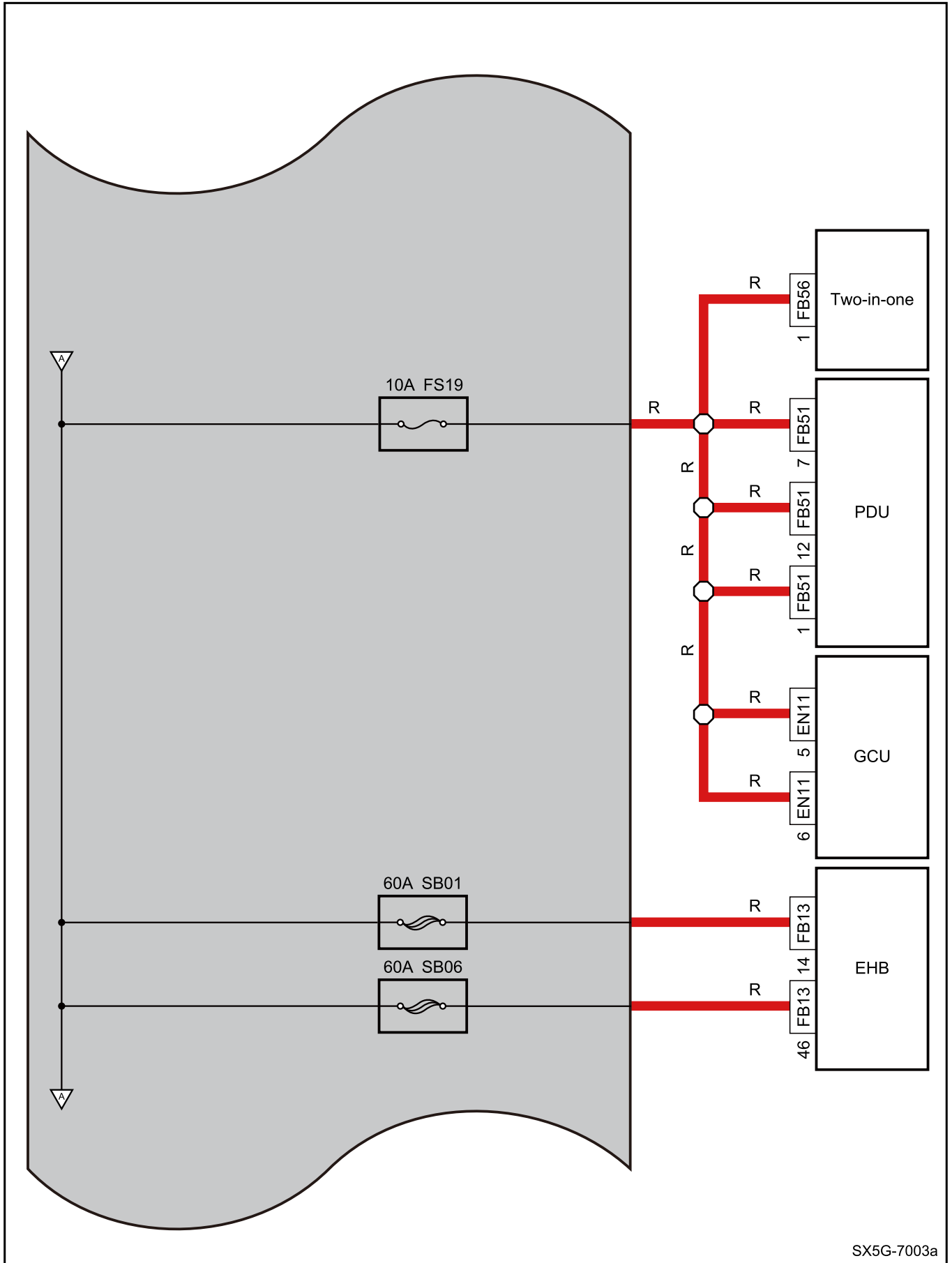
Power distribution diagram of front engine compartment fuse and relay box1



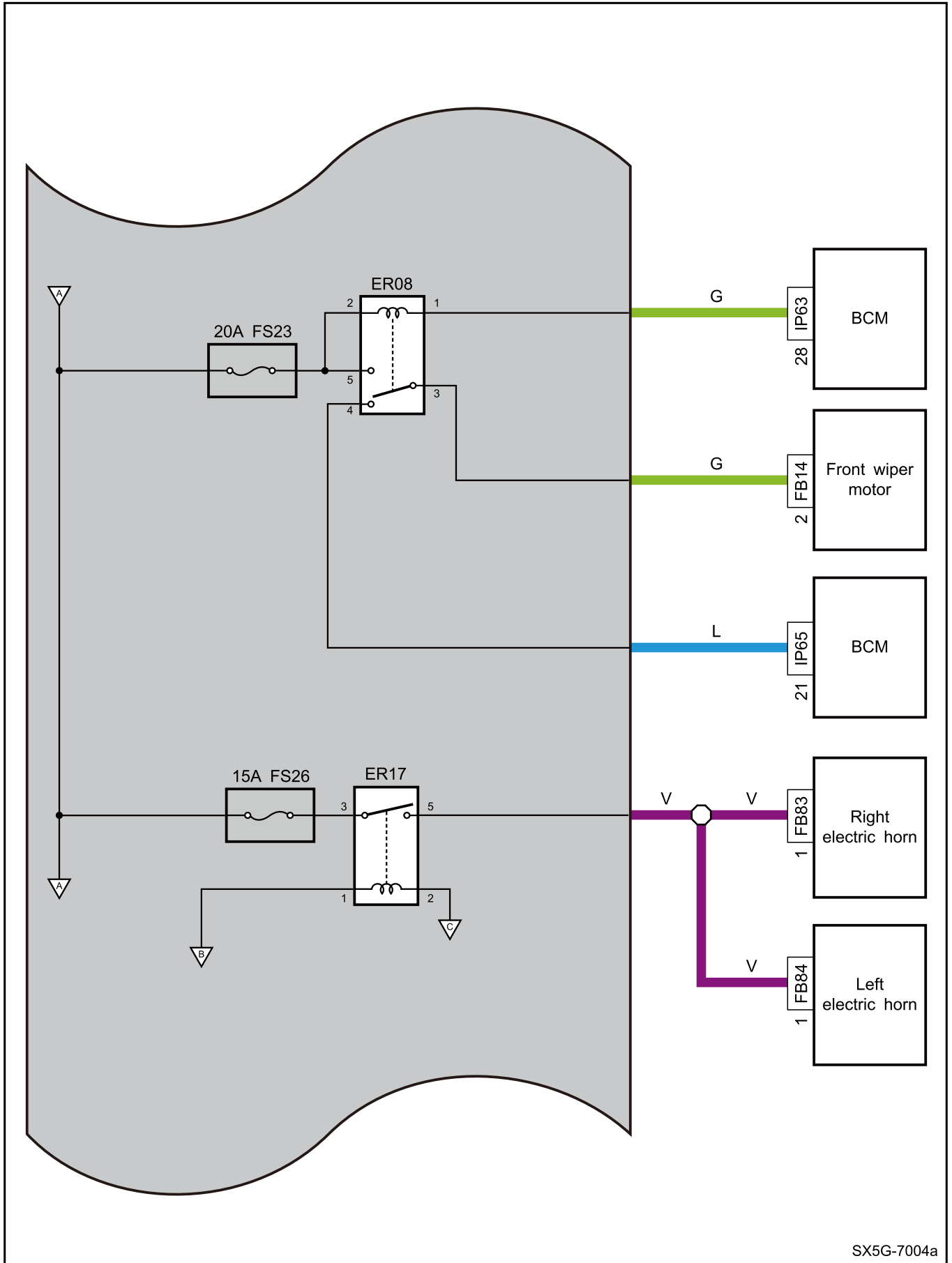
Power distribution diagram of front engine compartment fuse and relay box2



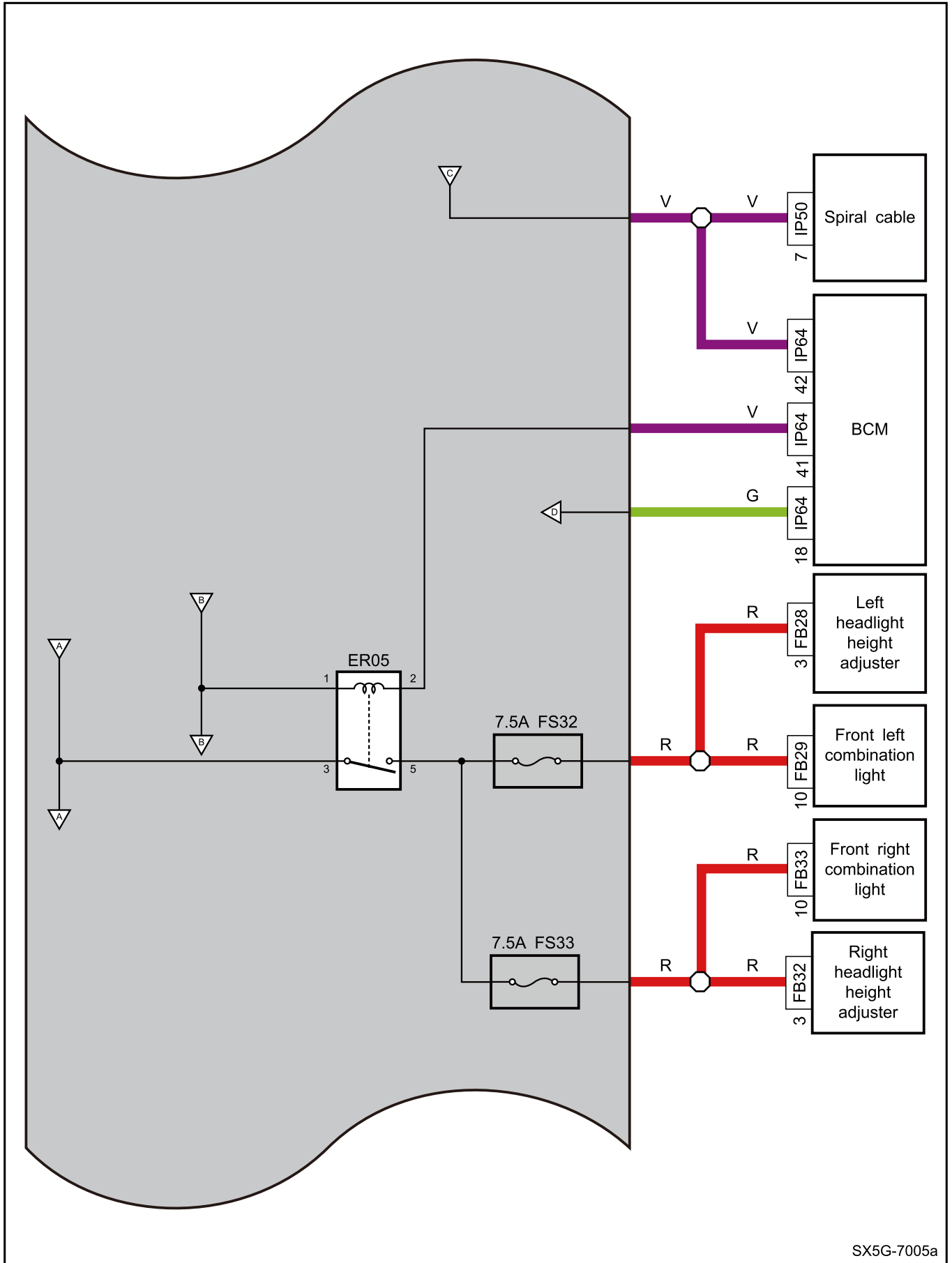
Power distribution diagram of front engine compartment fuse and relay box3



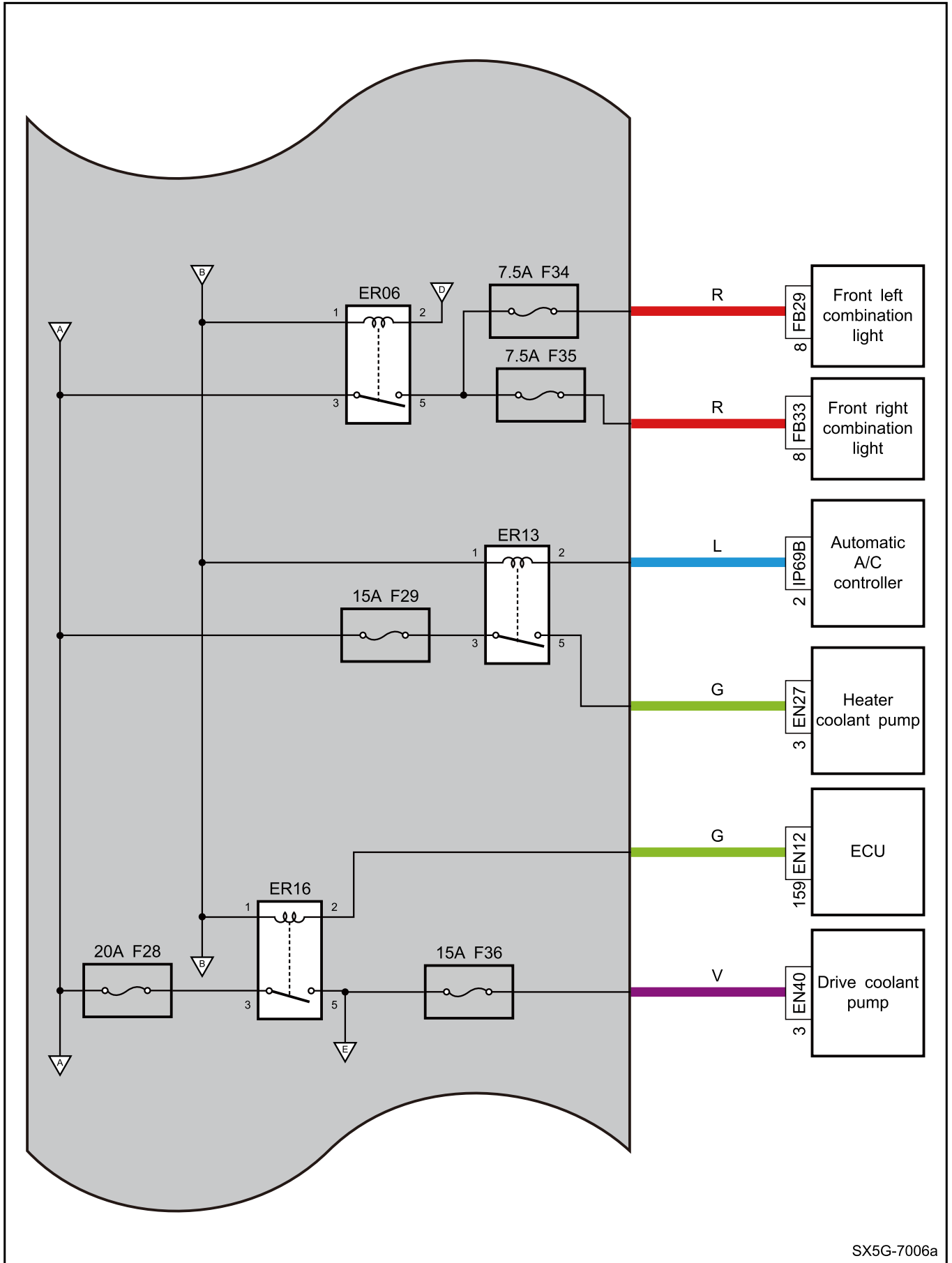
Power distribution diagram of front engine compartment fuse and relay box4



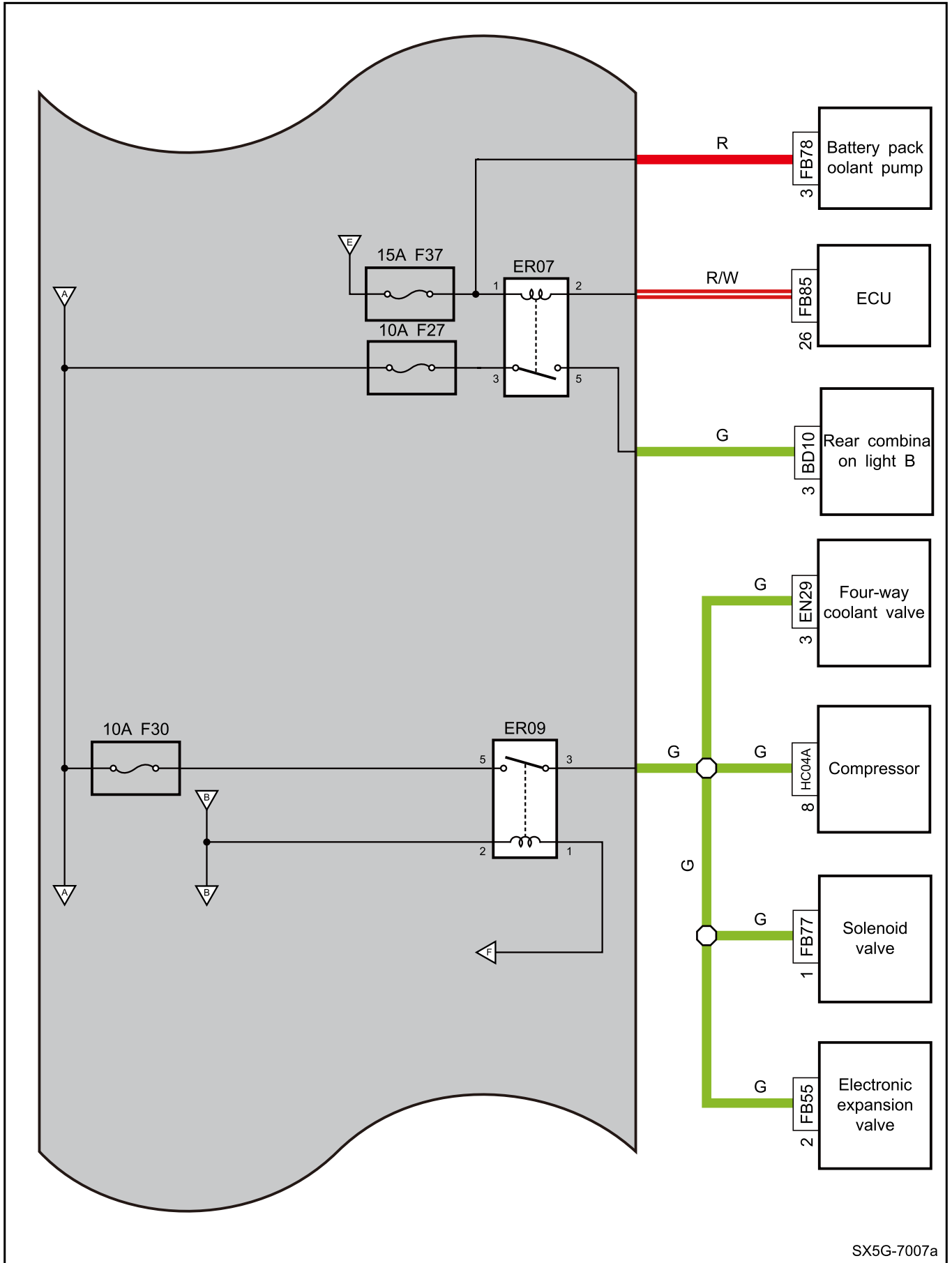
Power distribution diagram of front engine compartment fuse and relay box5



Power distribution diagram of front engine compartment fuse and relay box6

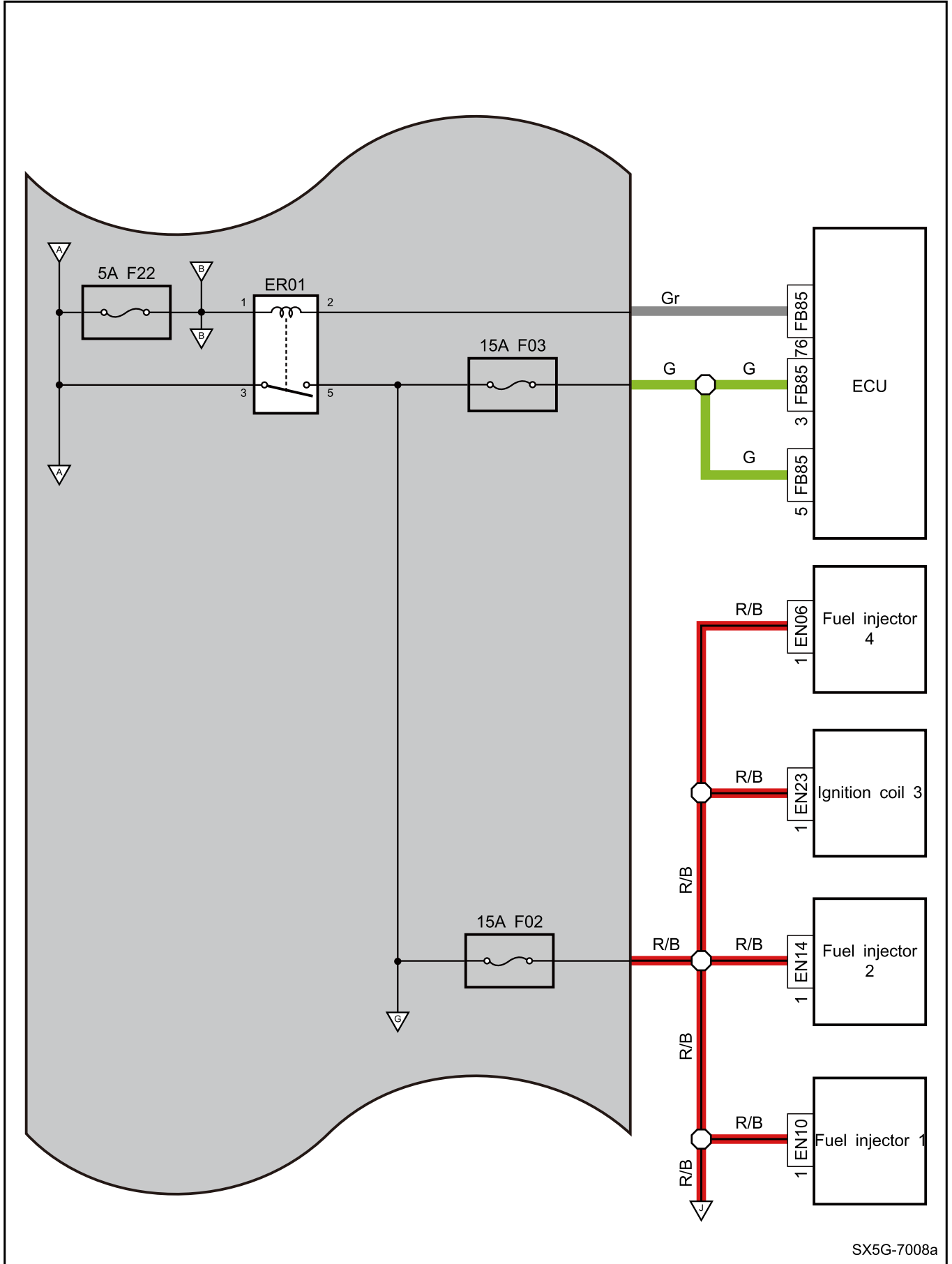


Power distribution diagram of front engine compartment fuse and relay box7

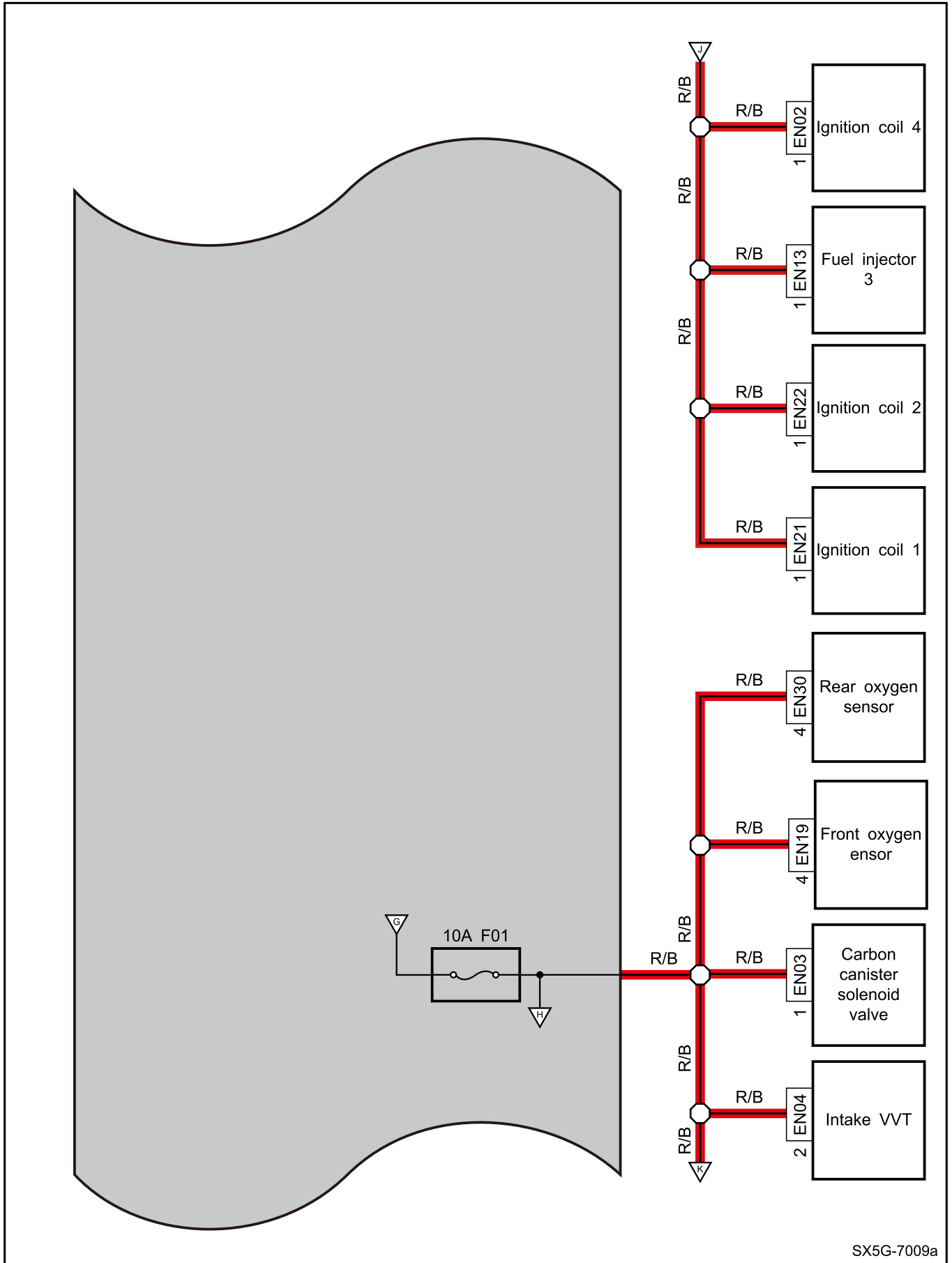


SX5G-7007a

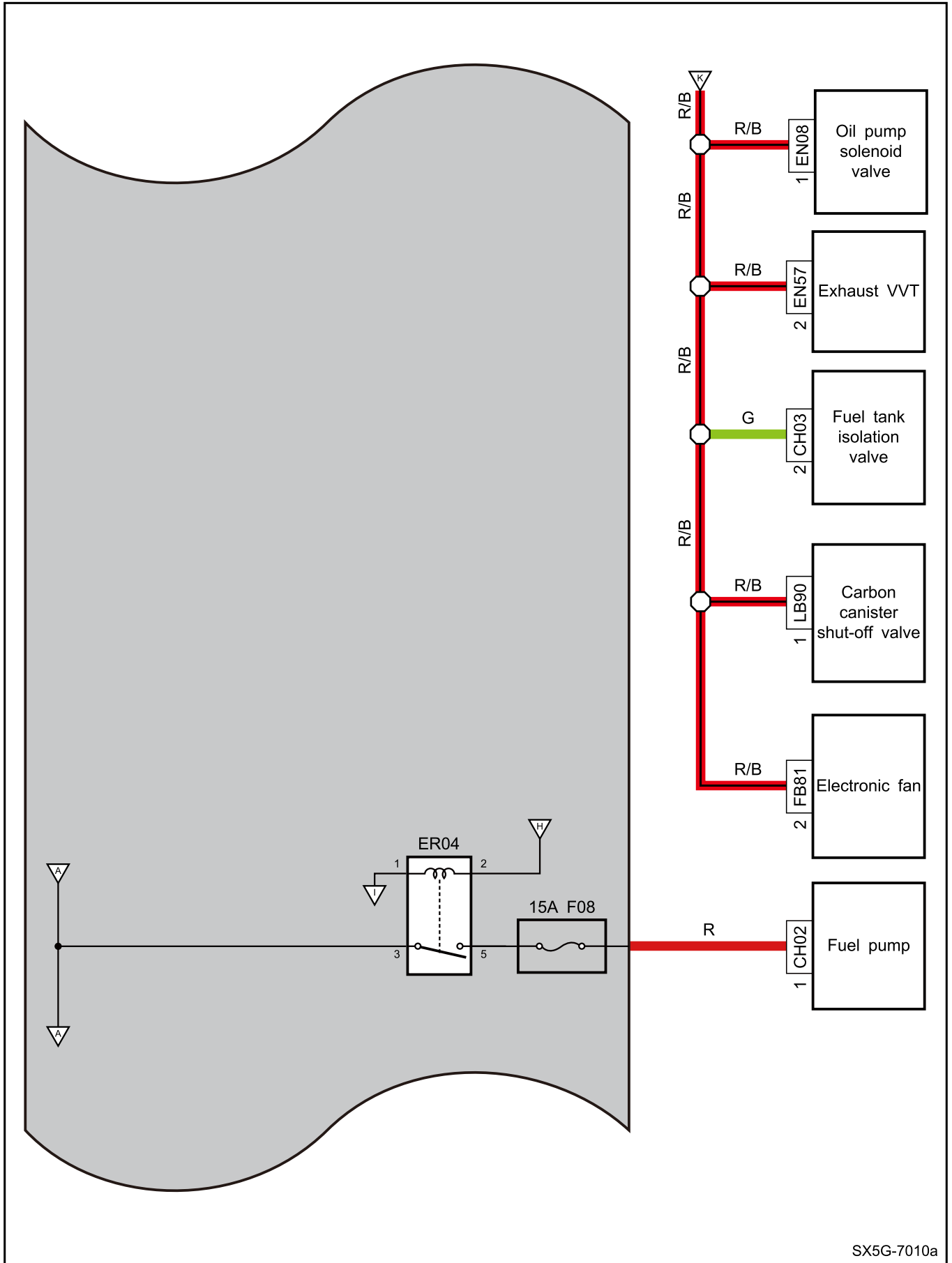
Power distribution diagram of front engine compartment fuse and relay box8



Power distribution diagram of front engine compartment fuse and relay box9

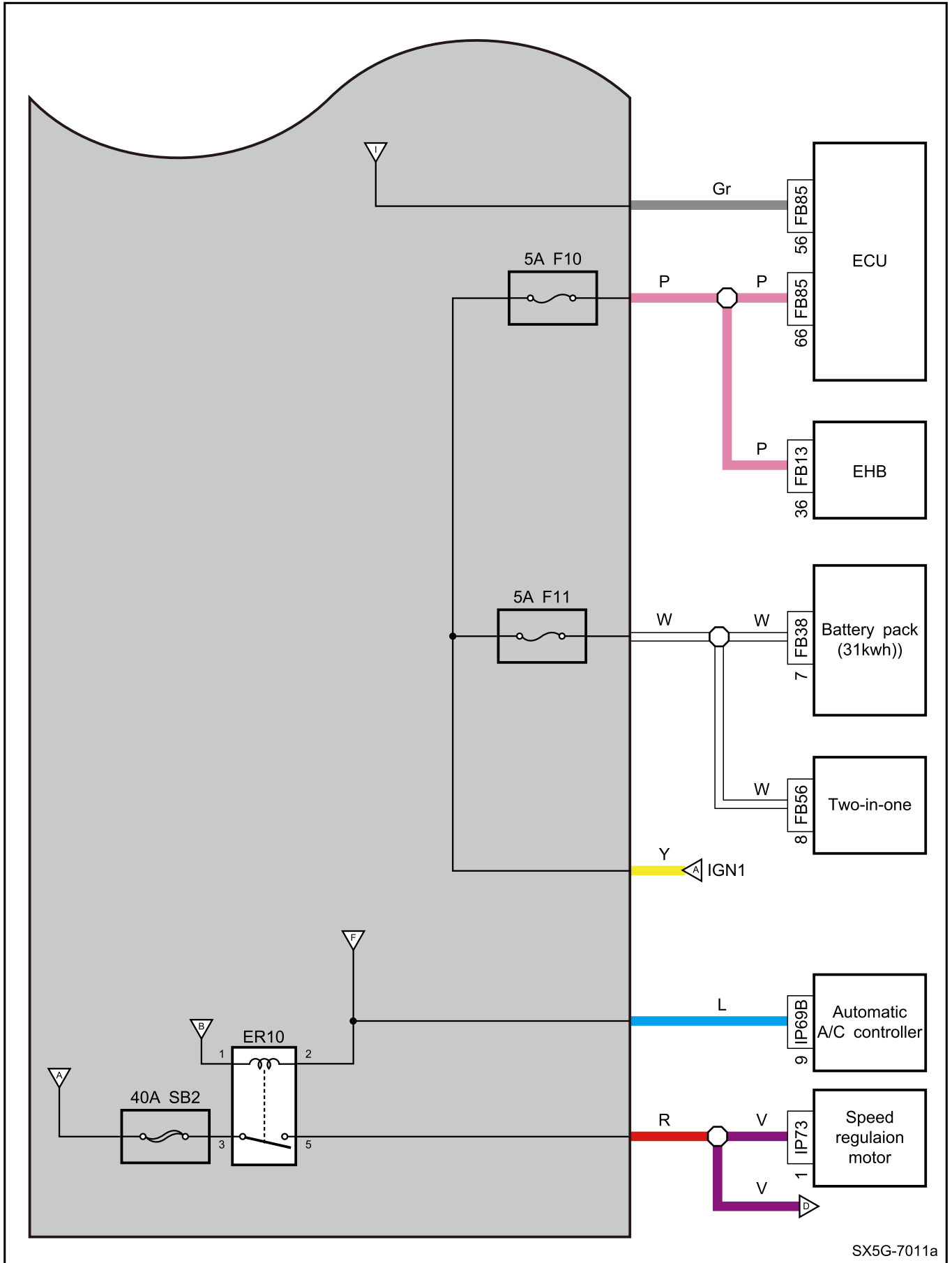


Power distribution diagram of front engine compartment fuse and relay box10



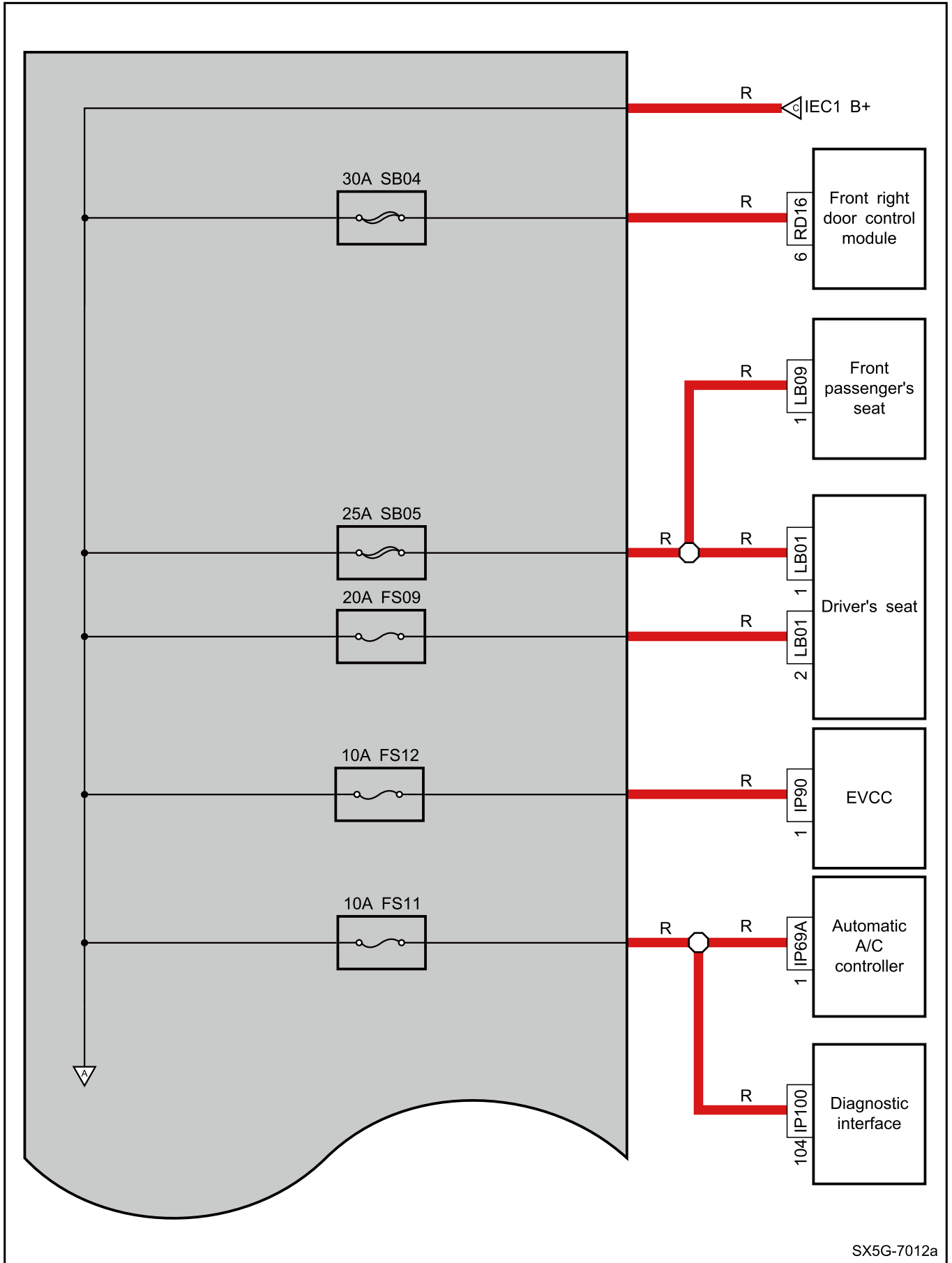
SX5G-7010a

Power distribution diagram of front engine compartment fuse and relay box11

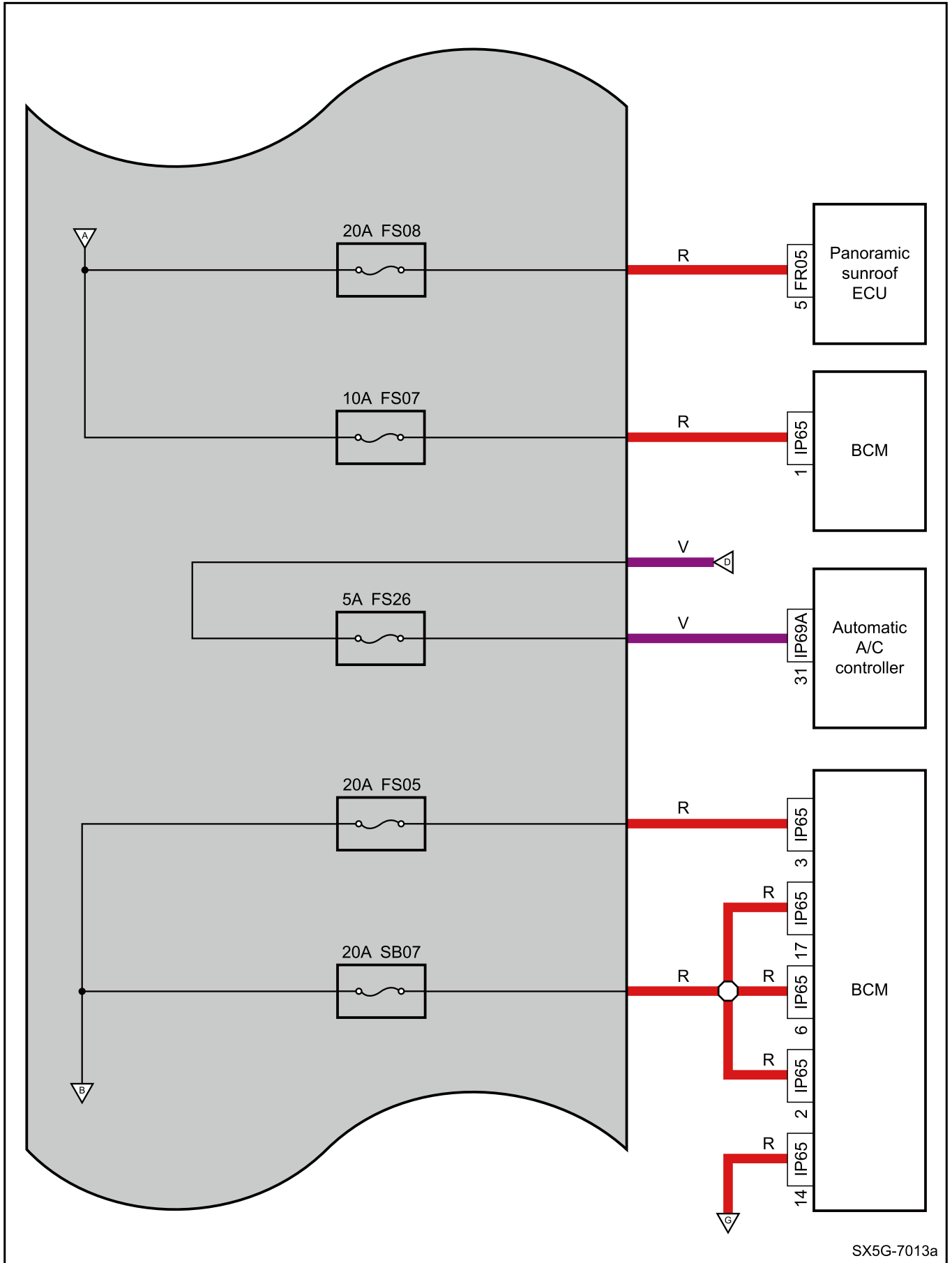


13.7.2 Interior power distribution diagram

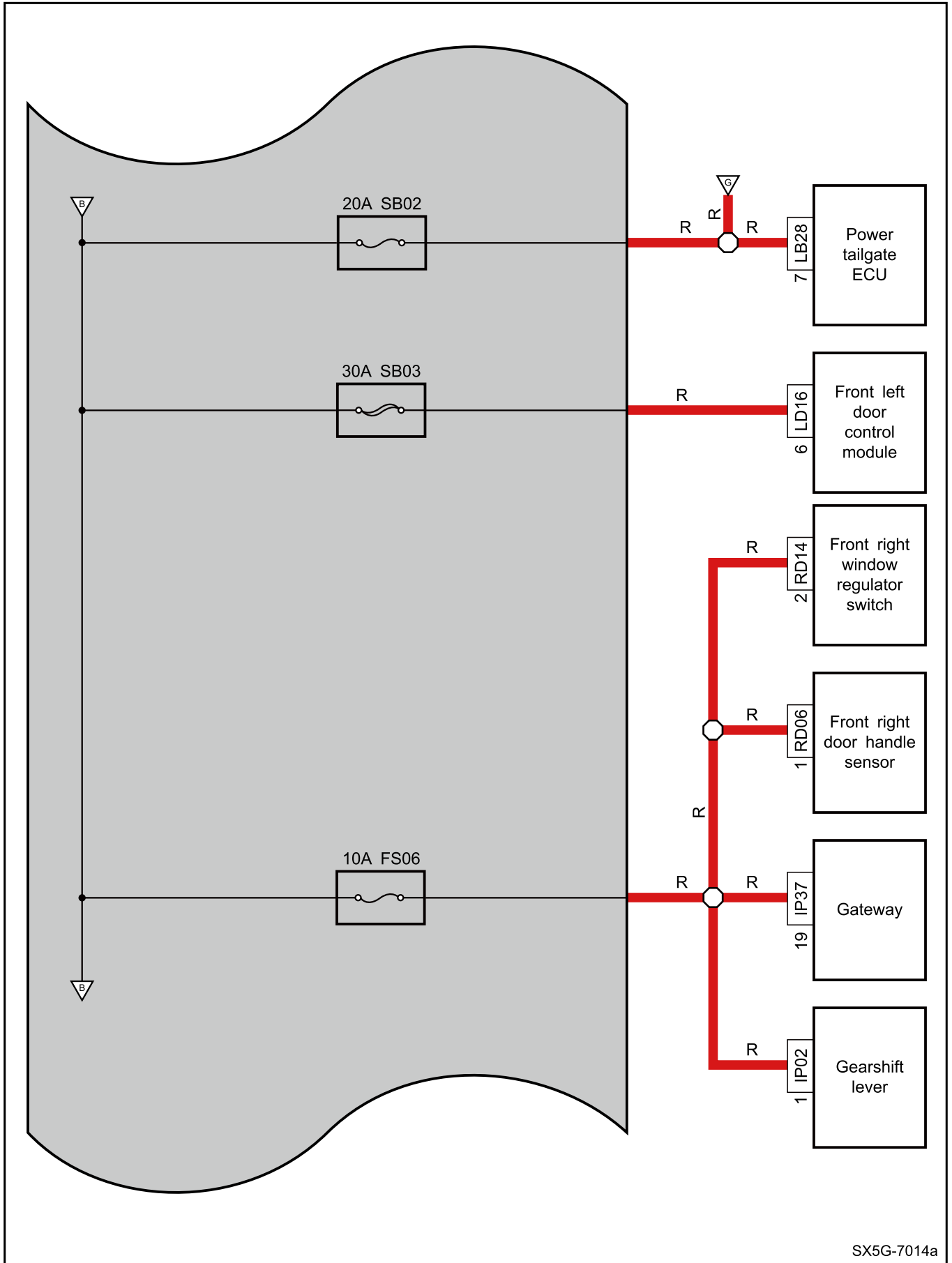
Power distribution diagram of interior fuse and relay box1



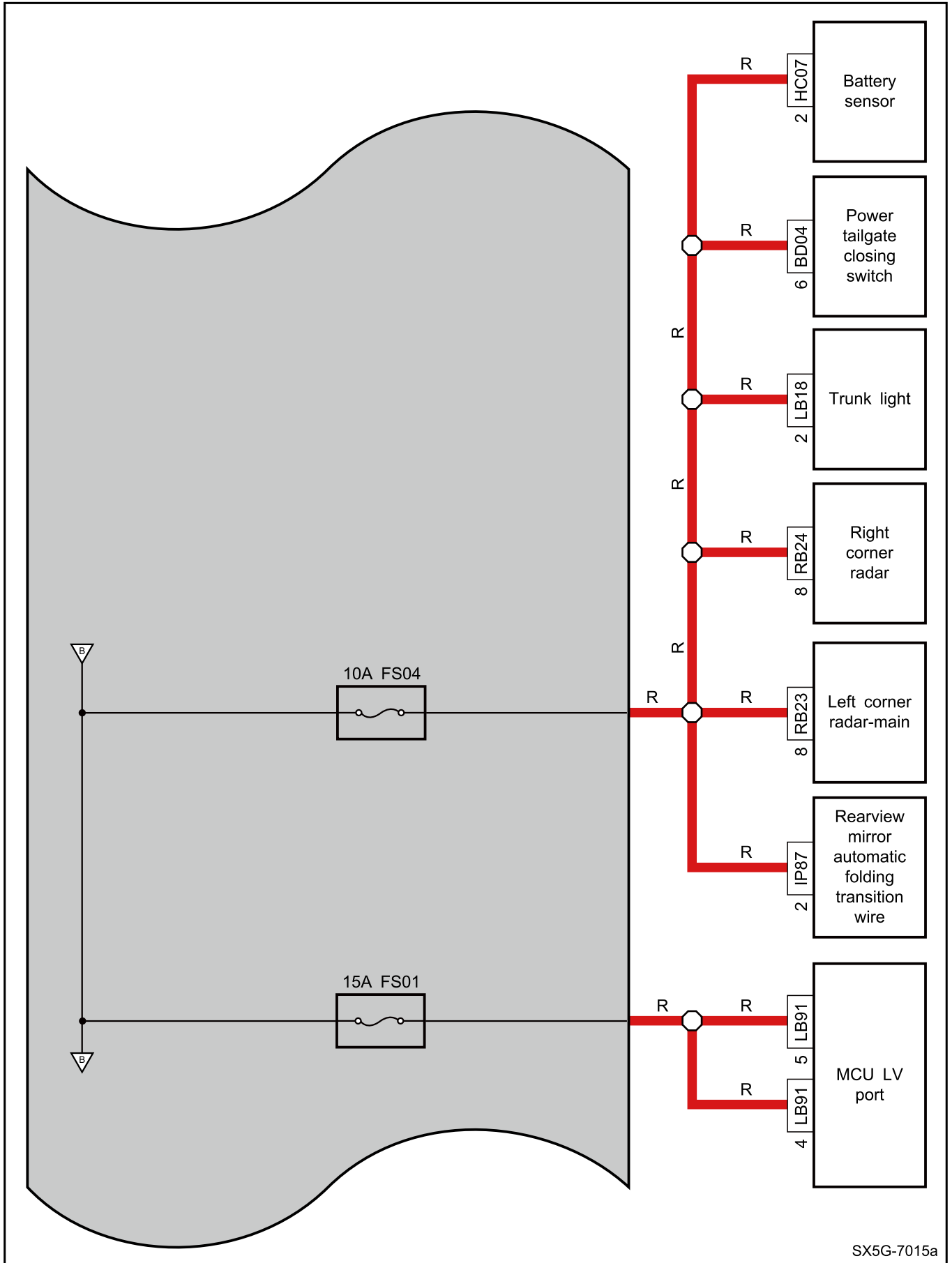
Power distribution diagram of interior fuse and relay box2



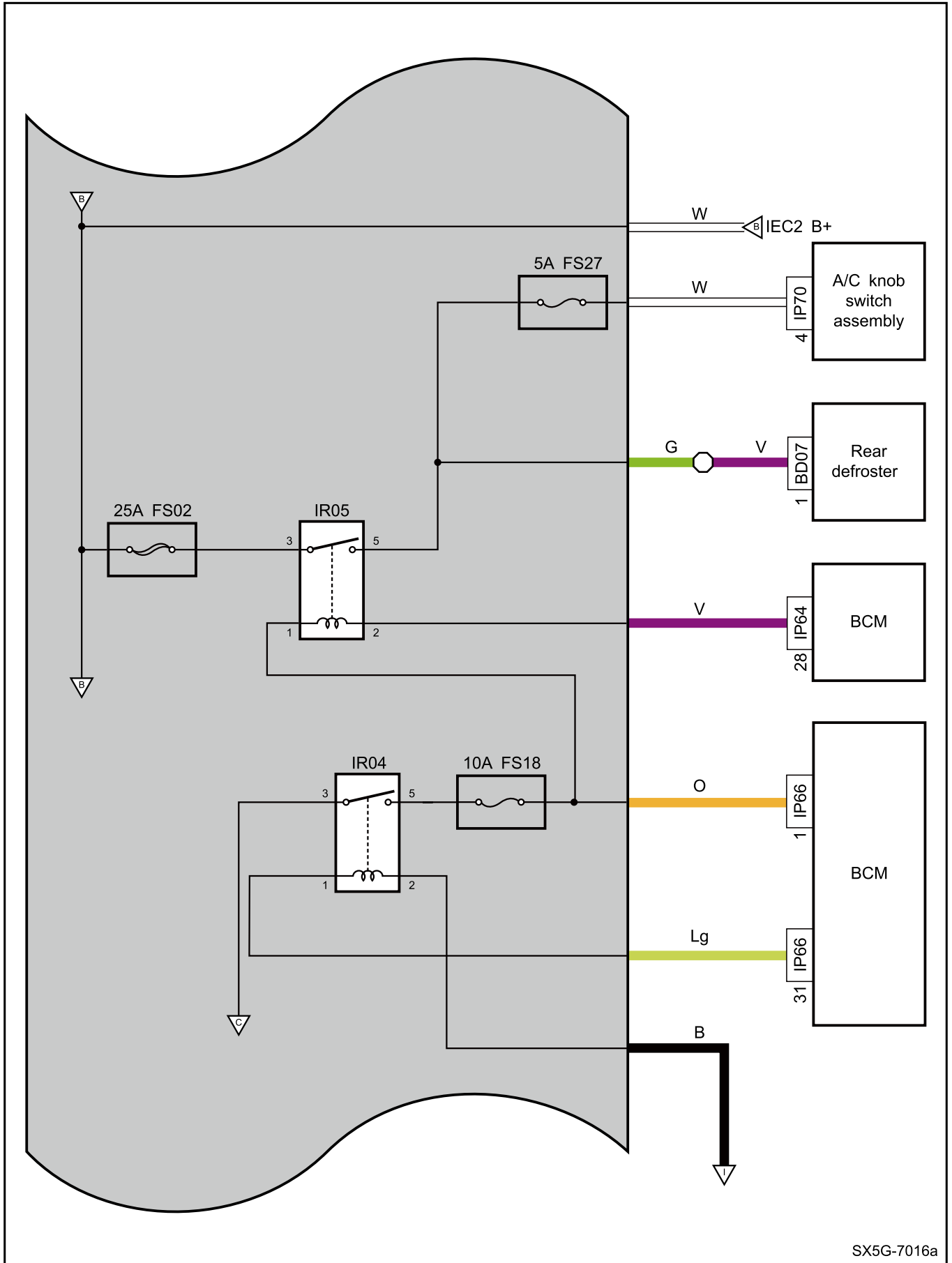
Power distribution diagram of interior fuse and relay box3



Power distribution diagram of interior fuse and relay box4

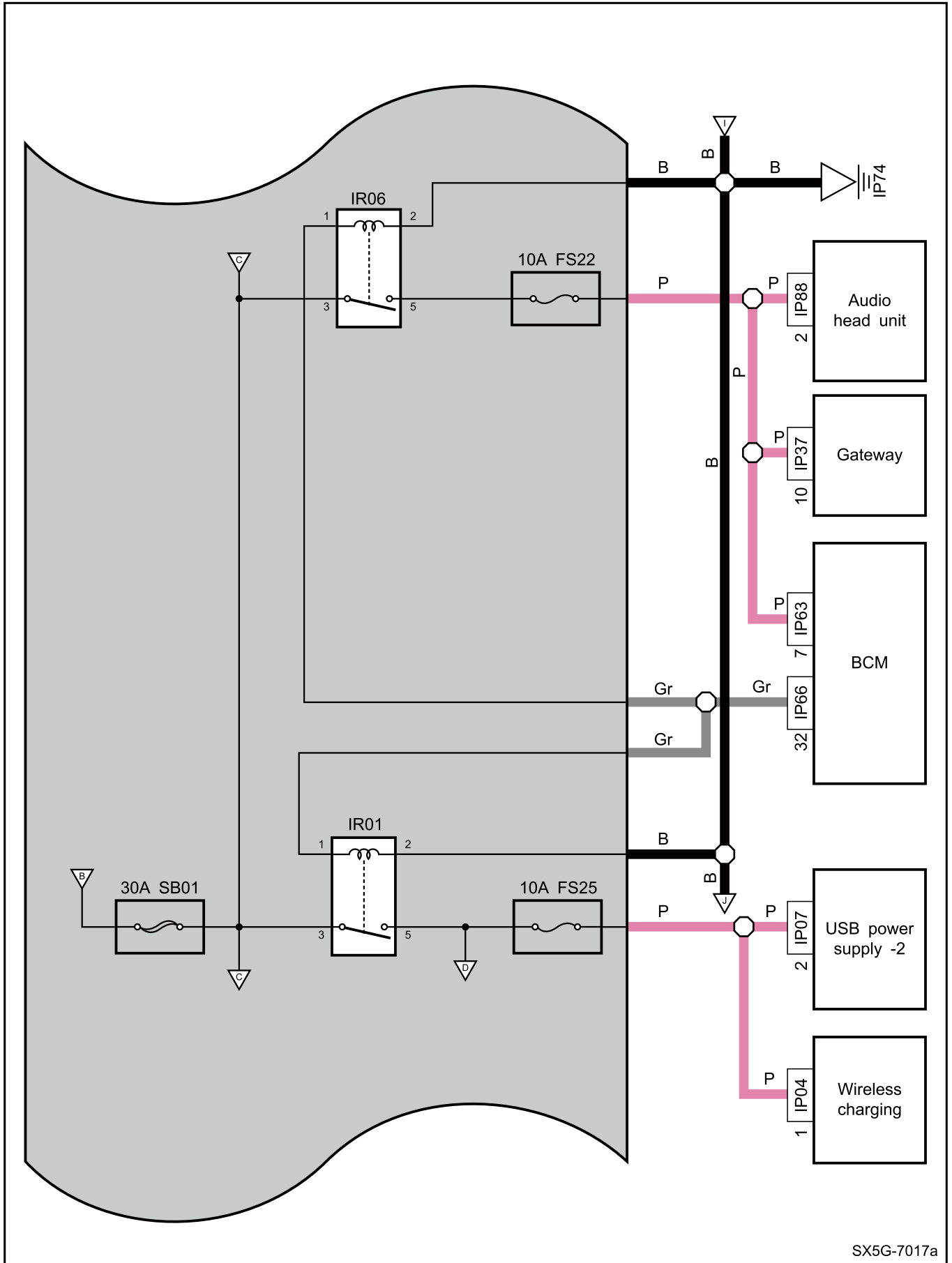


Power distribution diagram of interior fuse and relay box5



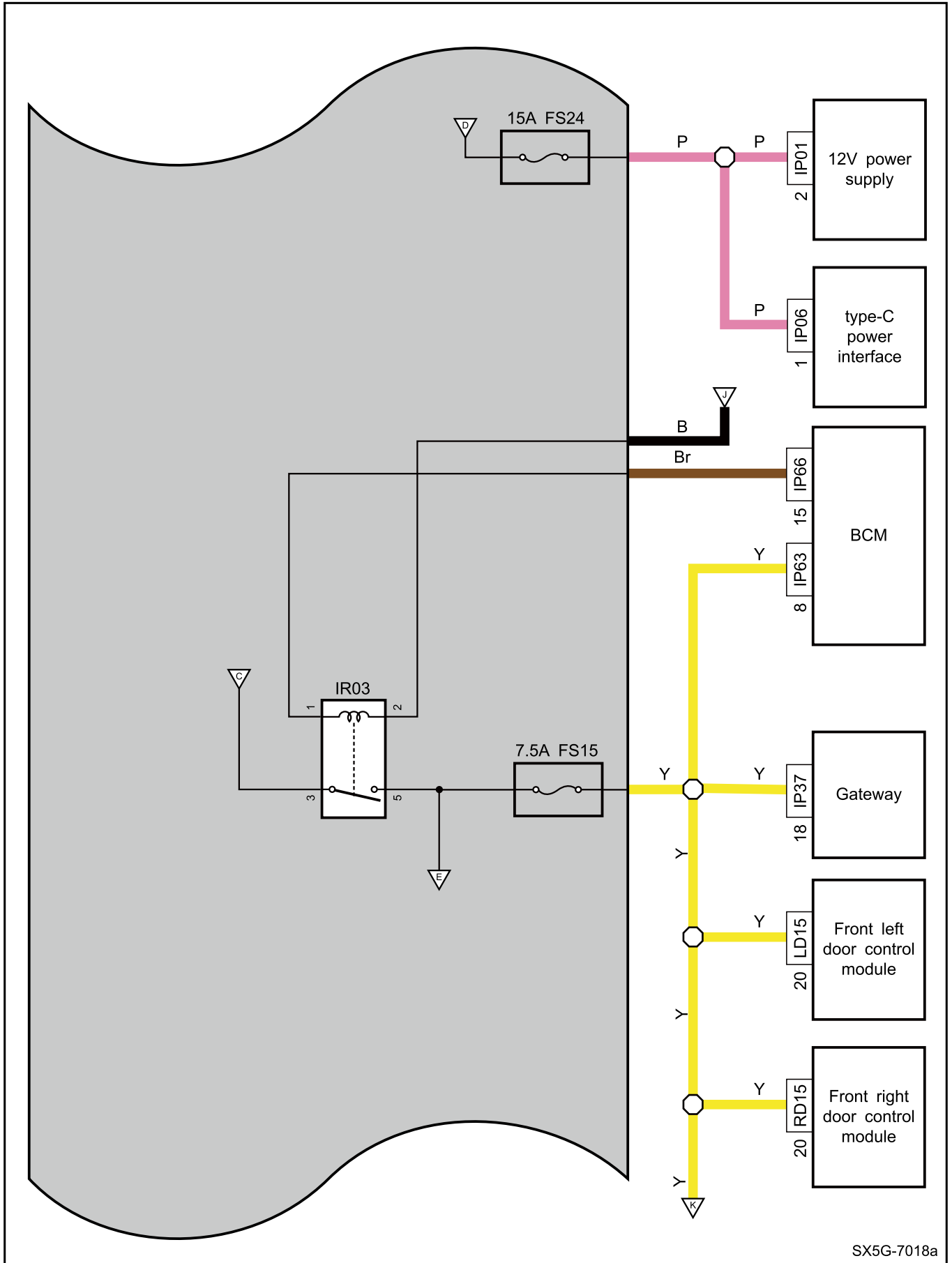
SX5G-7016a

Power distribution diagram of interior fuse and relay box6

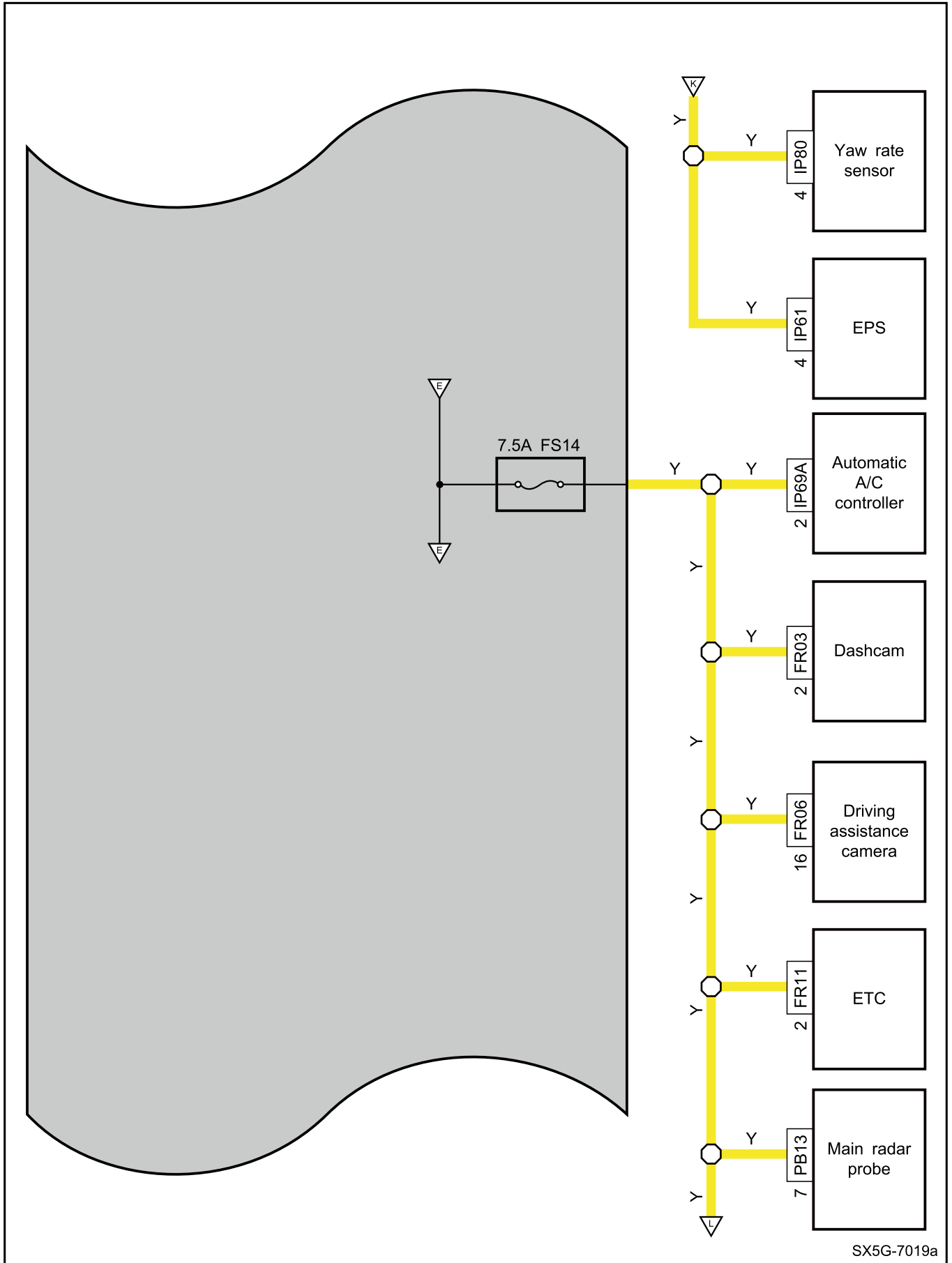


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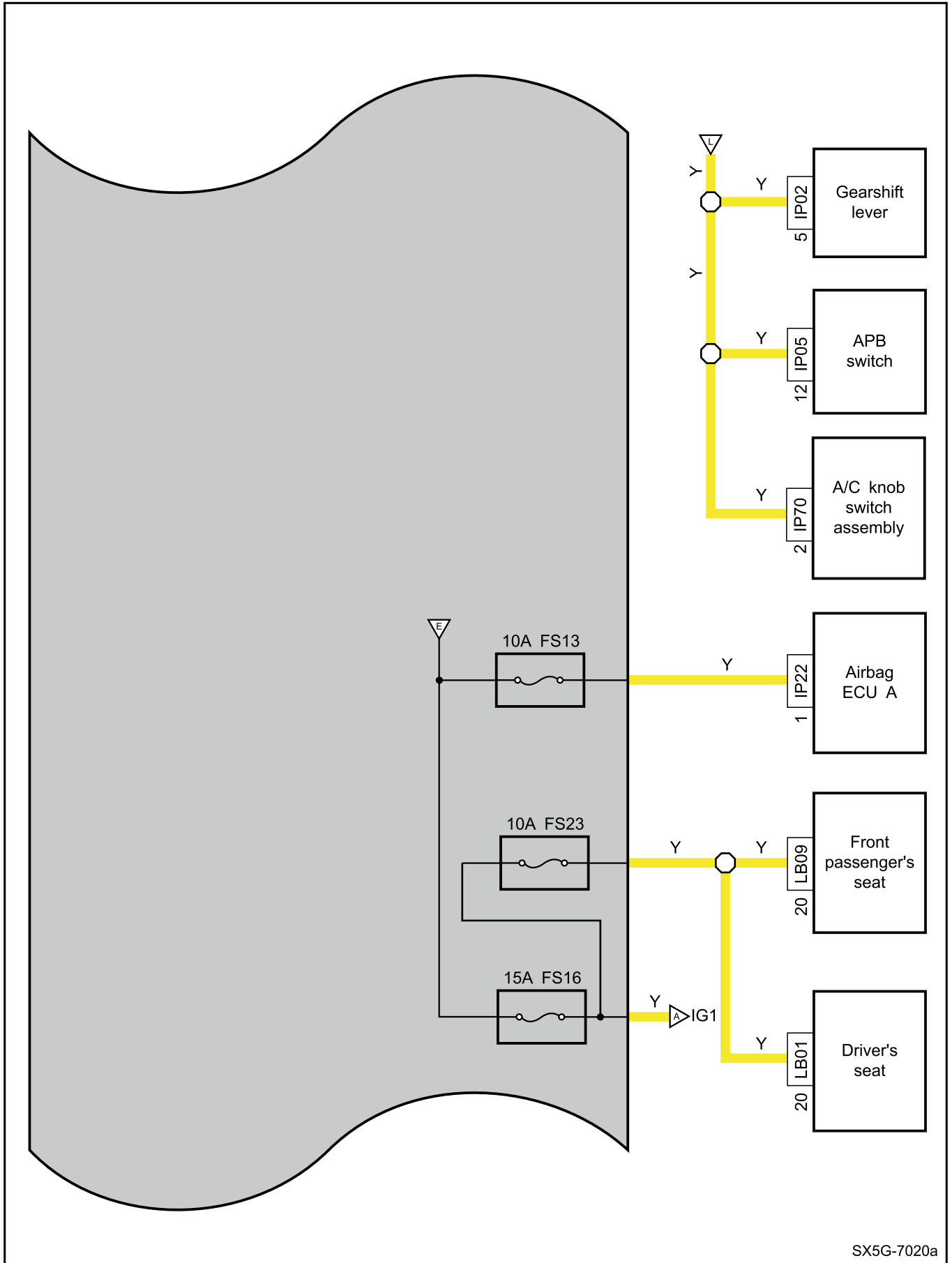
Power distribution diagram of interior fuse and relay box7



Power distribution diagram of interior fuse and relay box8

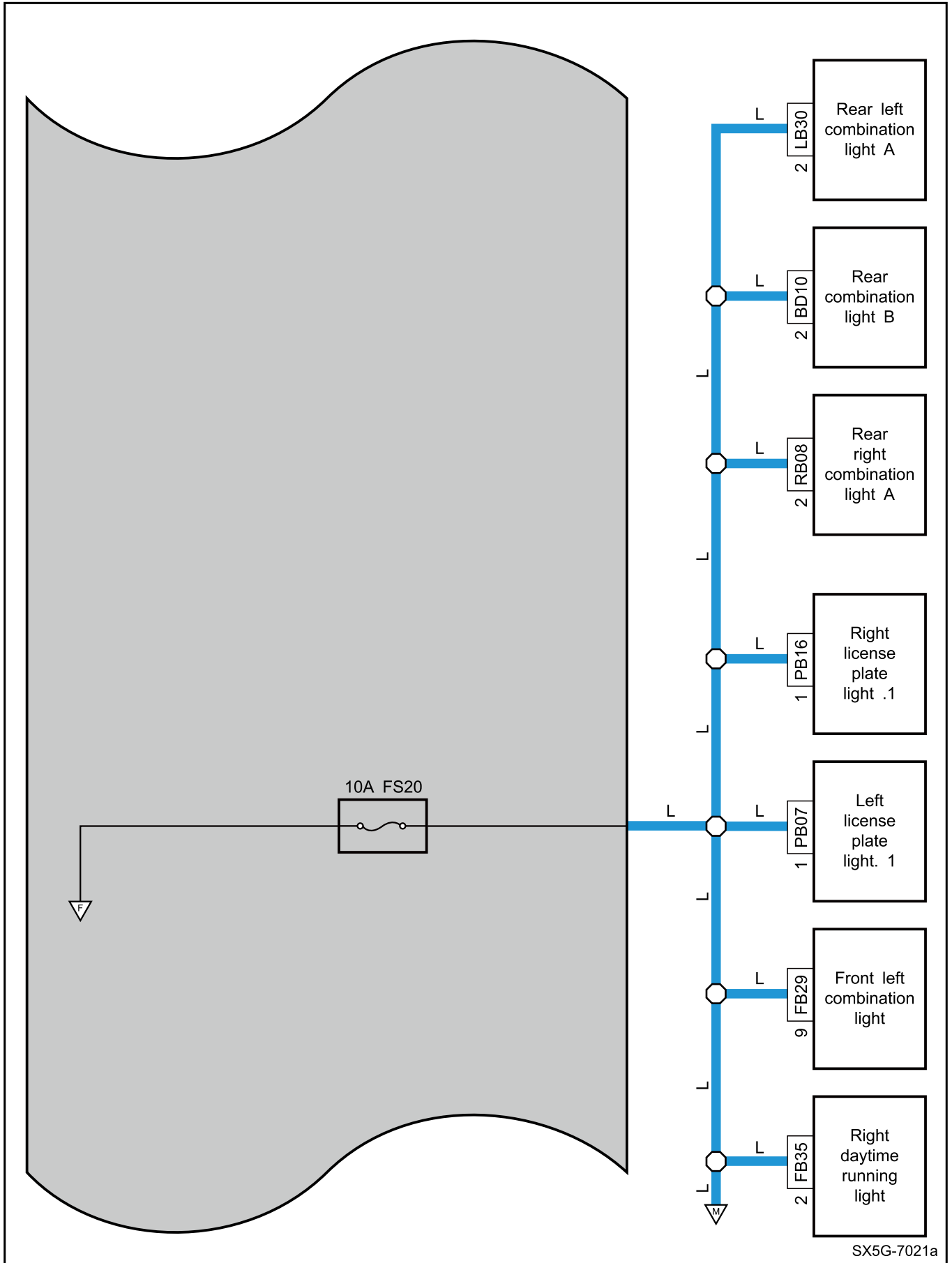


Power distribution diagram of interior fuse and relay box9

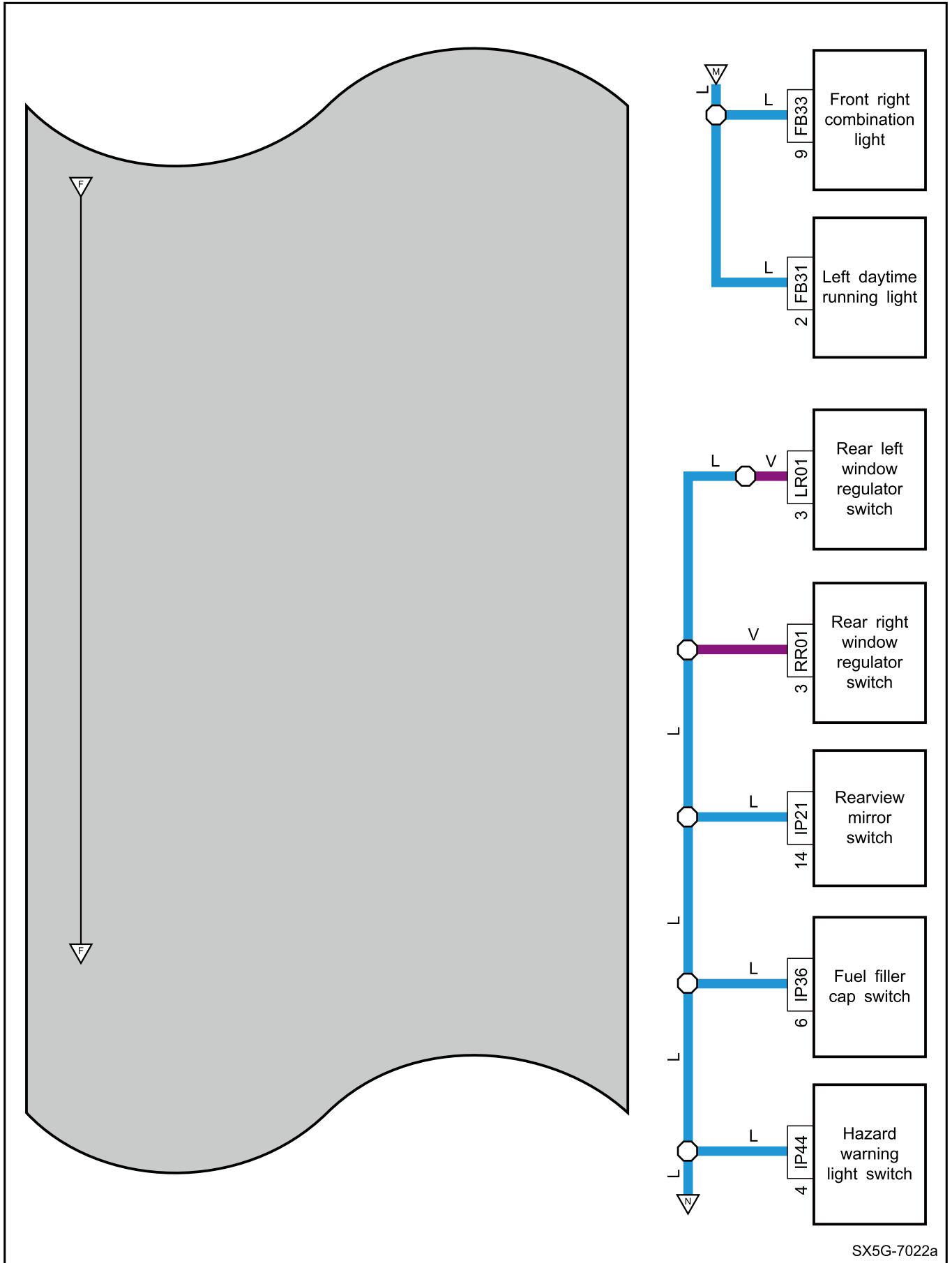


SX5G-7020a

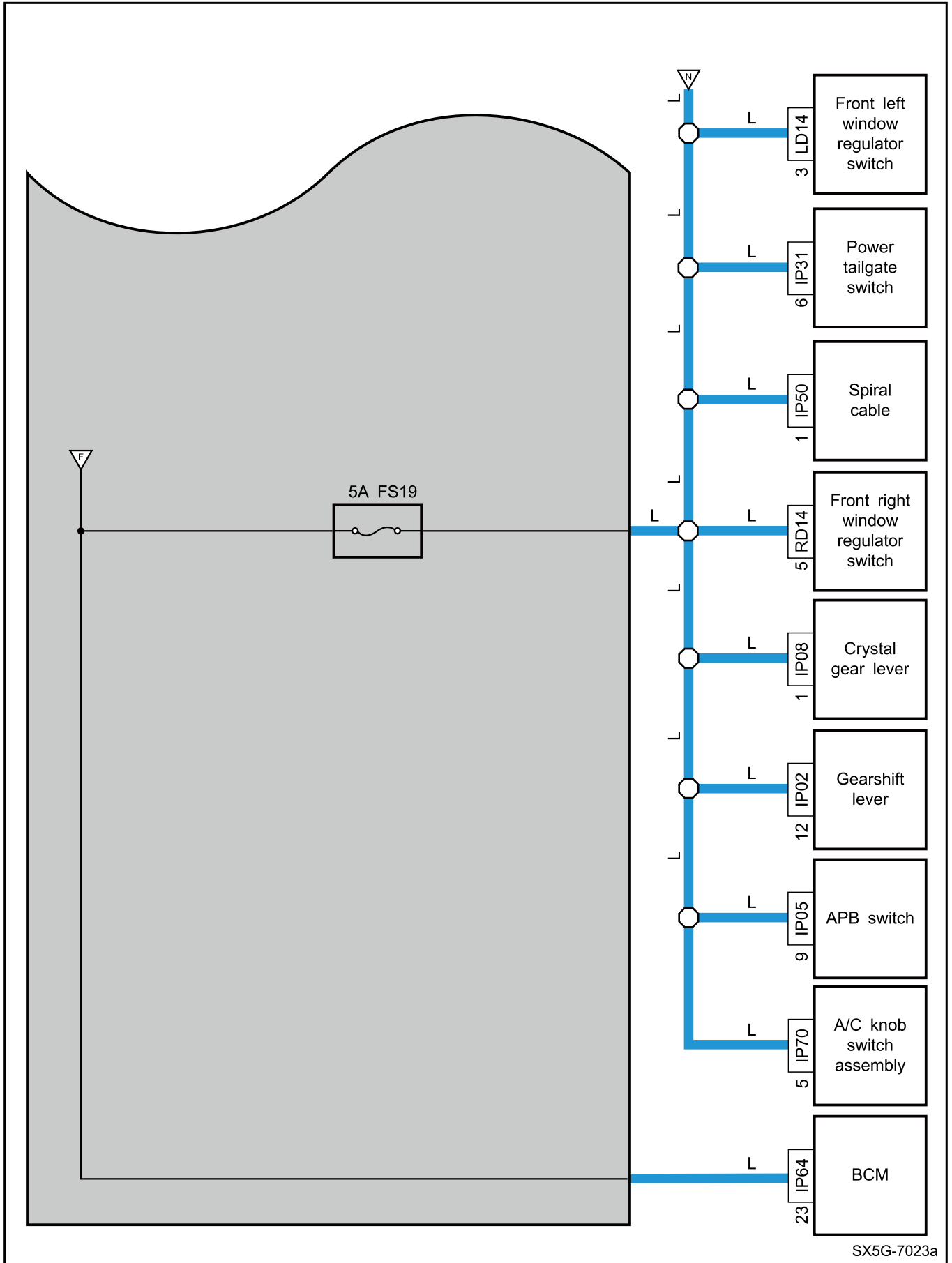
Power distribution diagram of interior fuse and relay box10



Power distribution diagram of interior fuse and relay box11



Power distribution diagram of interior fuse and relay box12

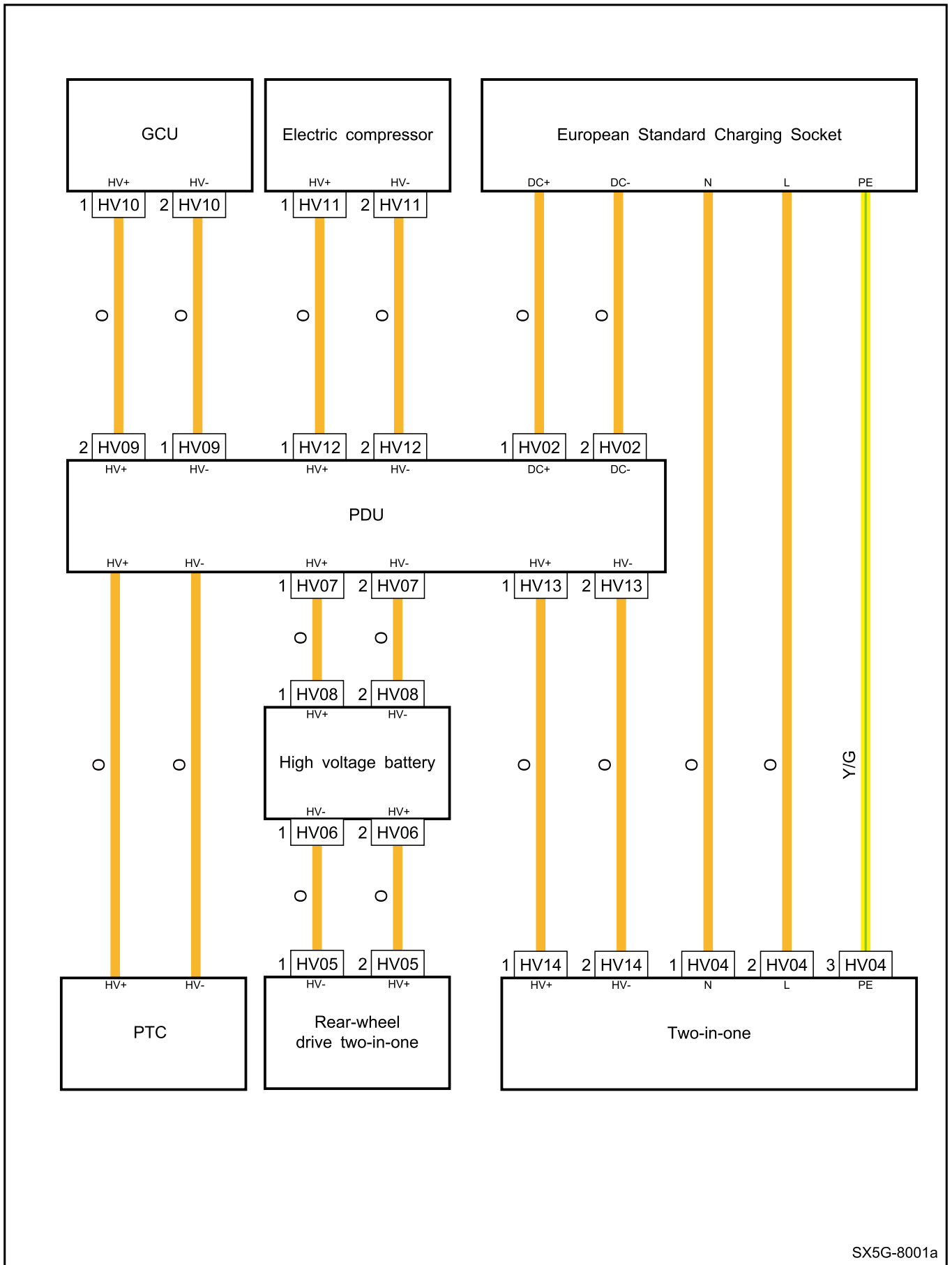


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HV distribution

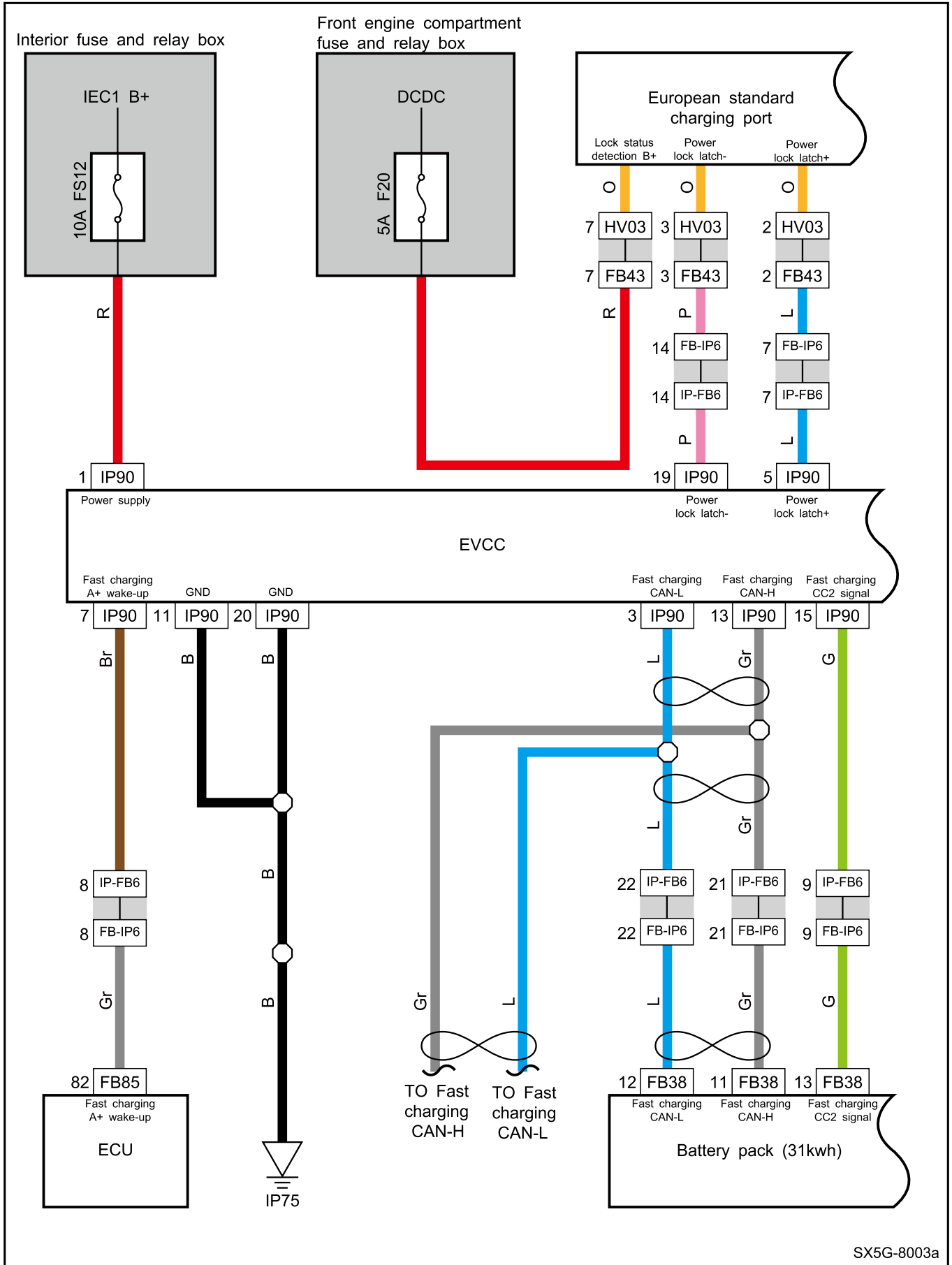


SX5G-8001a

Harness connector	Name	Page
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HV08	High-voltage battery	126
HV09	PDU	126
HV10	GCU	126
HV11	Electric compressor	126
HV12	PDU	126
HV13	PDU	126
HV14	Power supply two-in-one	126

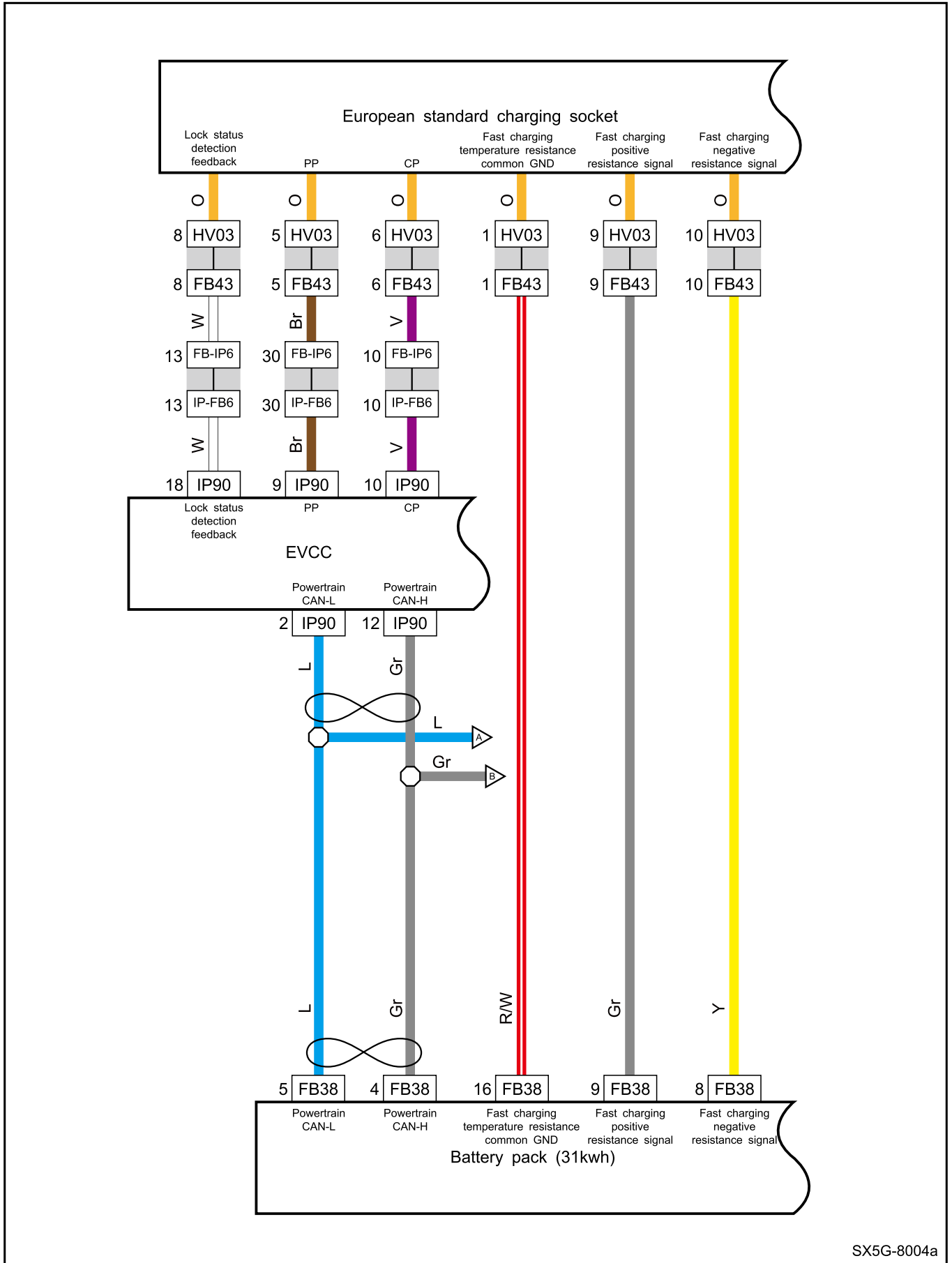
Harness connector	Name	Page
C01	DCDC	126
FB47	Engine compartment wiring harness-left body wiring harness(left)	35
HC07	Battery sensor	85
HC08	Battery sensor	23
IP67	BCM-J5	53
IP-LB-1	Instrument panel wiring harness-left body wiring harness-1	54
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB36	Battery negative wiring harness ground	131
LB89	Battery +	85
LB-FB	Left body wiring harness-engine compartment wiring harness(left)	85
LB-IP-1	Left body wiring harness-instrument panel wiring harness-1	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Charging system (HV) 1



Harness connector	Name	Page
FB38	Battery pack (31kwh)	35
FB43	Connect to HV charging cable	35
FB85	Engine ECU-K	35
FB-IP5	Engine compartment wiring harness-instrument panel wiring harness(2PIN)	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
HV03	HV charging cable-front compartment wiring harness	126
IP75	Merged GND point 2	134
IP90	EVCC	54
IP100	Diagnostic interface	54
IP-FB5	Instrument panel wiring harness-engine compartment wiring harness(2PIN)	53
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53

Charging system (HV) 2

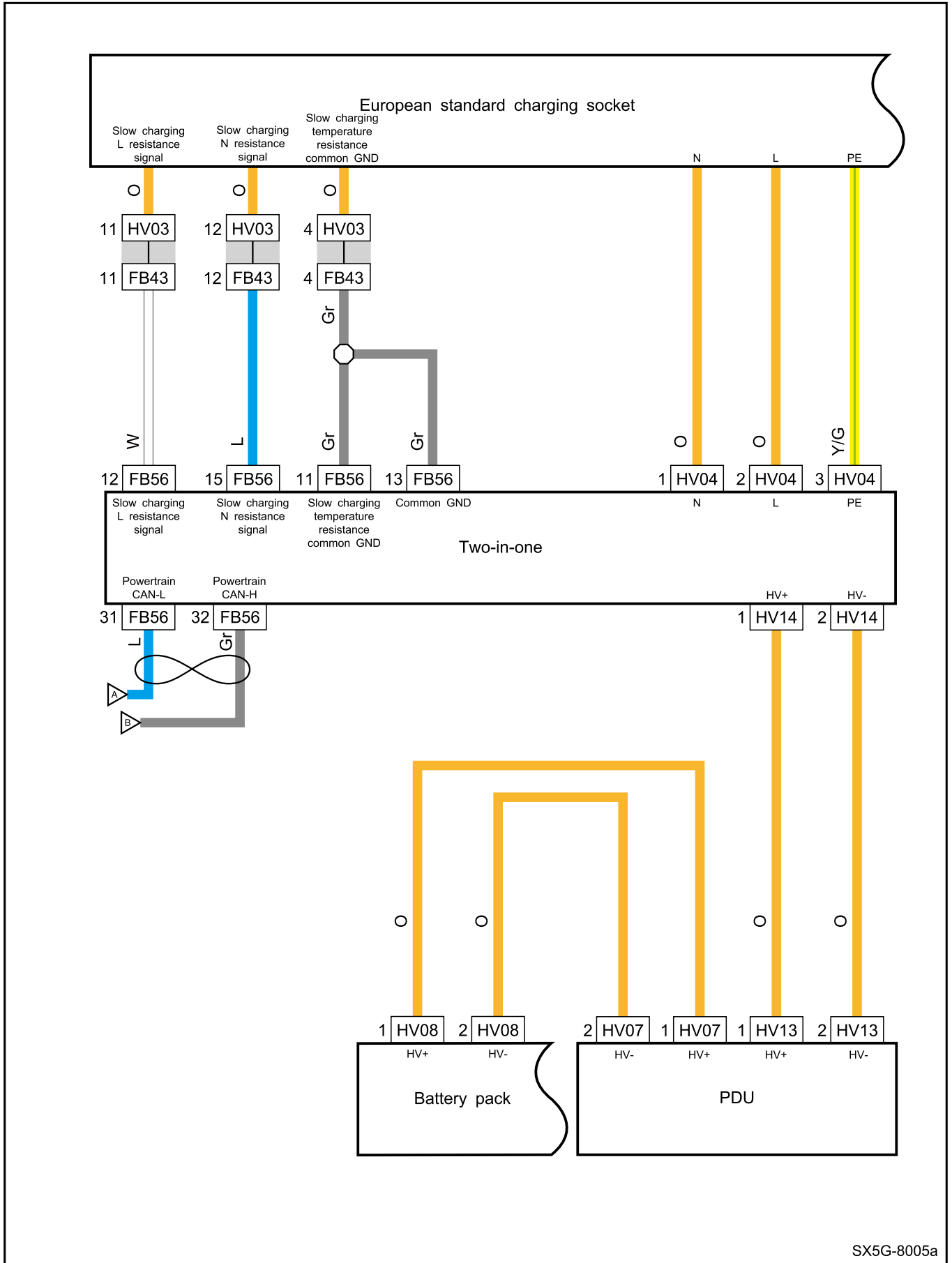


SX5G-8004a

Harness connector	Name	Page
FB38	Battery pack (31kwh)	35
FB43	Connect to HV charging cable	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
HV03	HV charging cable-front compartment wiring harness	126
IP90	EVCC	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53

Connection point	Description	Page
A	TO Charging system (HV) 3	181
B	TO Charging system (HV) 3	181

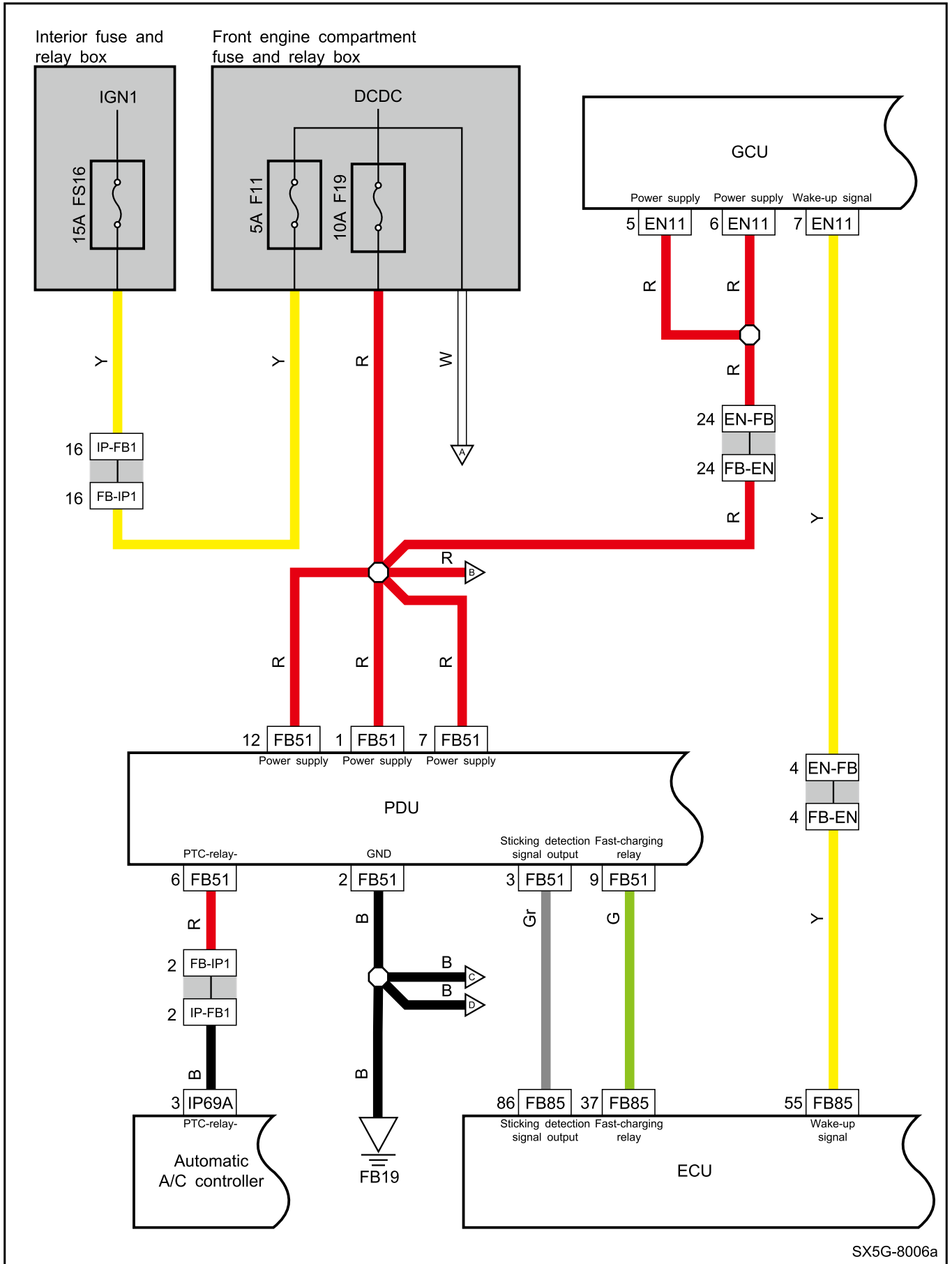
Charging system (HV) 3



Harness connector	Name	Page
FB43	Connect to HV charging cable	35
FB56	Two-in-one	35
HV03	HV charging cable-front compartment wiring harness	126
HV04	Two-in-one AC input	126
HV07	PDU	126
HV08	High-voltage battery	126
HV13	PDU	126
HV14	Power supply two-in-one	126

Connection point	Description	Page
A	TO Charging system (HV) 2	179
B	TO Charging system (HV) 2	179

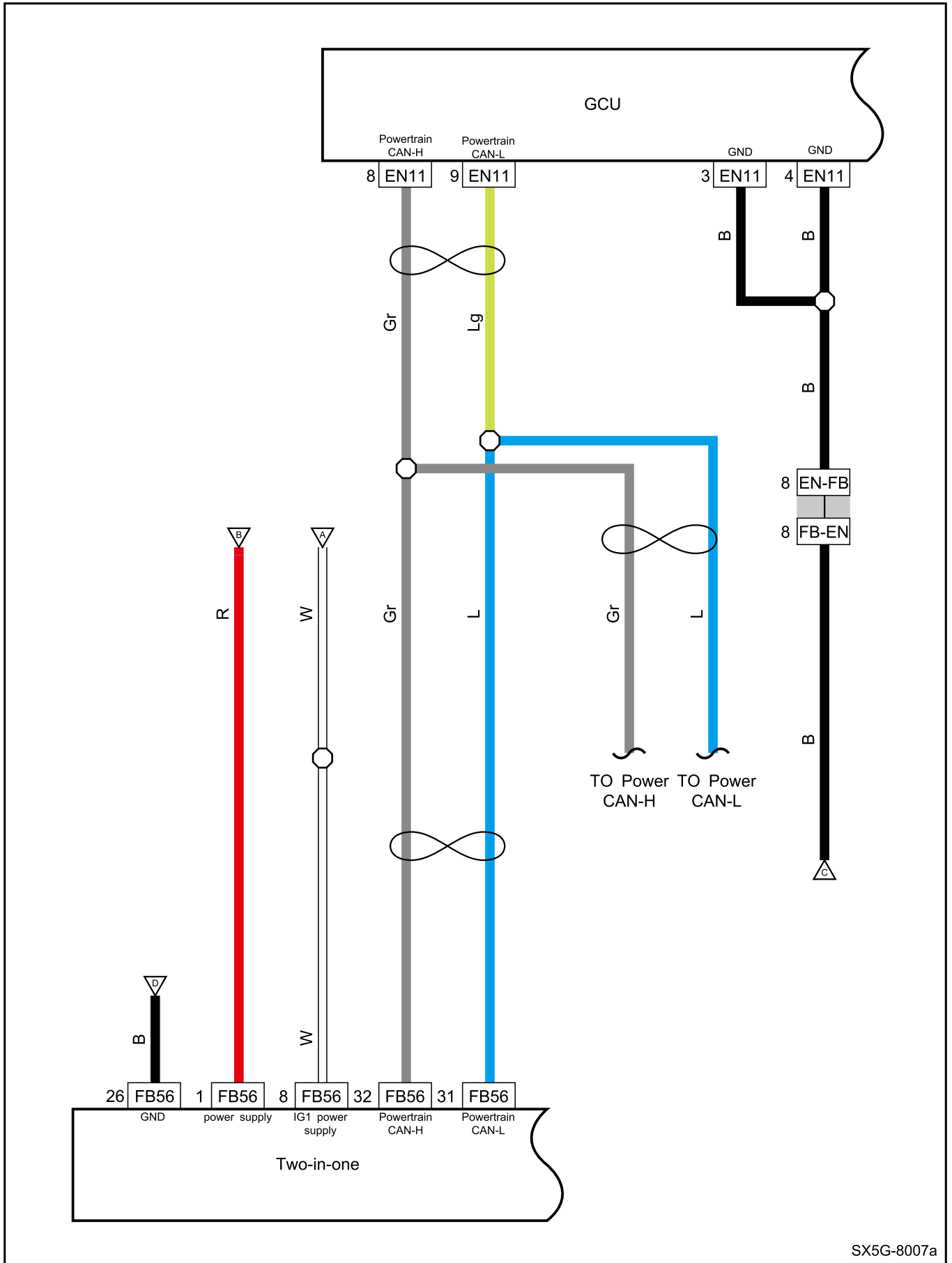
GCU1



Harness connector	Name	Page
EN11	GCU	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB19	Body GND point 5	133
FB51	PDU	35
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP69A	Automatic A/C controller A	53
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
A	TO GCU2	185
B	TO GCU2	185
C	TO GCU2	185
D	TO GCU2	185

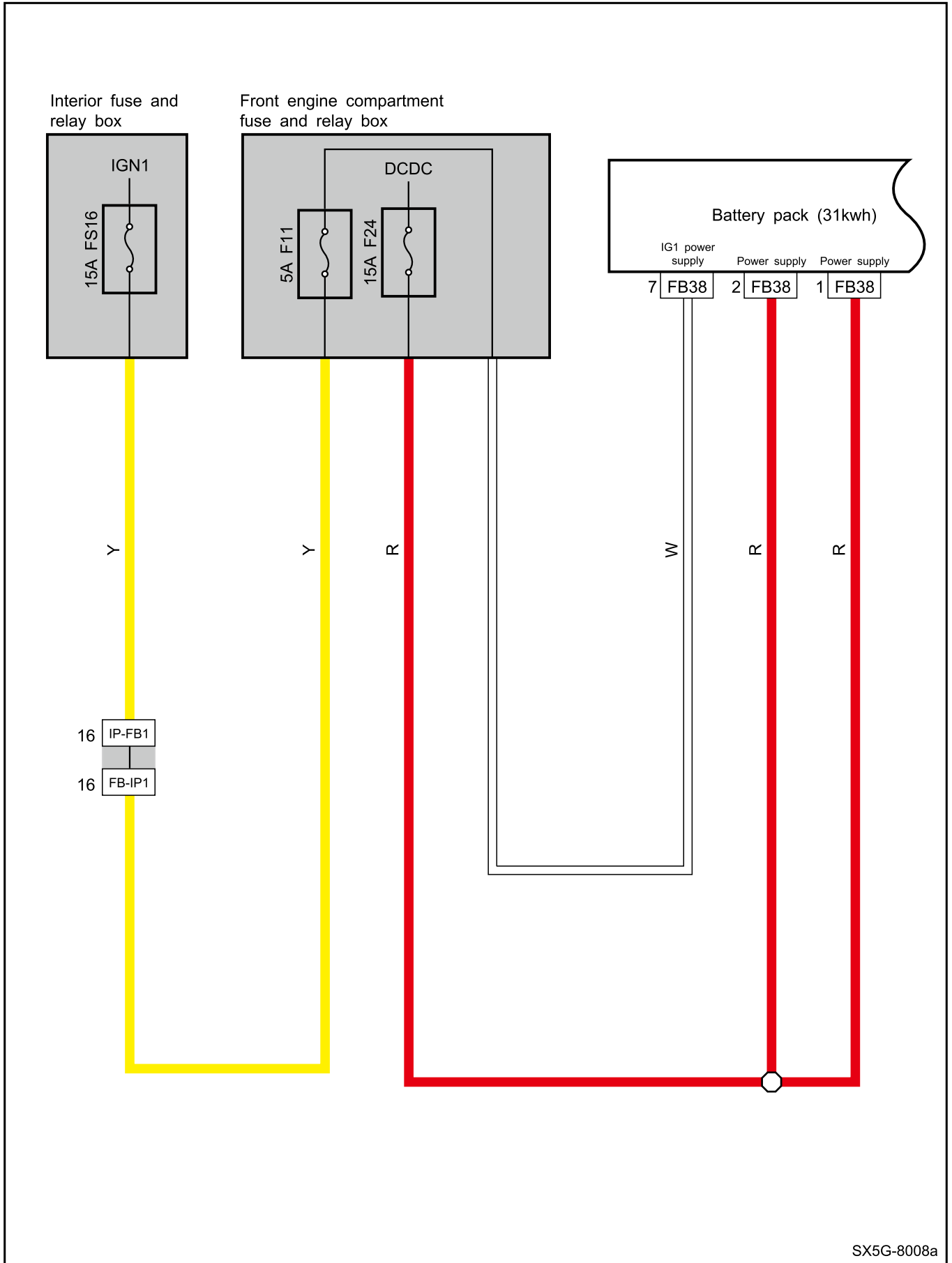
GCU2



Harness connector	Name	Page
EN11	GCU	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB56	Two-in-one	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
A	TO GCU1	183
B	TO GCU1	183
C	TO GCU1	183
D	TO GCU1	183
EN11-8	TO Power CAN-H	381
EN11-9	TO Power CAN-L	381
FB56-32	TO Power CAN-H	381
FB56-31	TO Power CAN-L	381

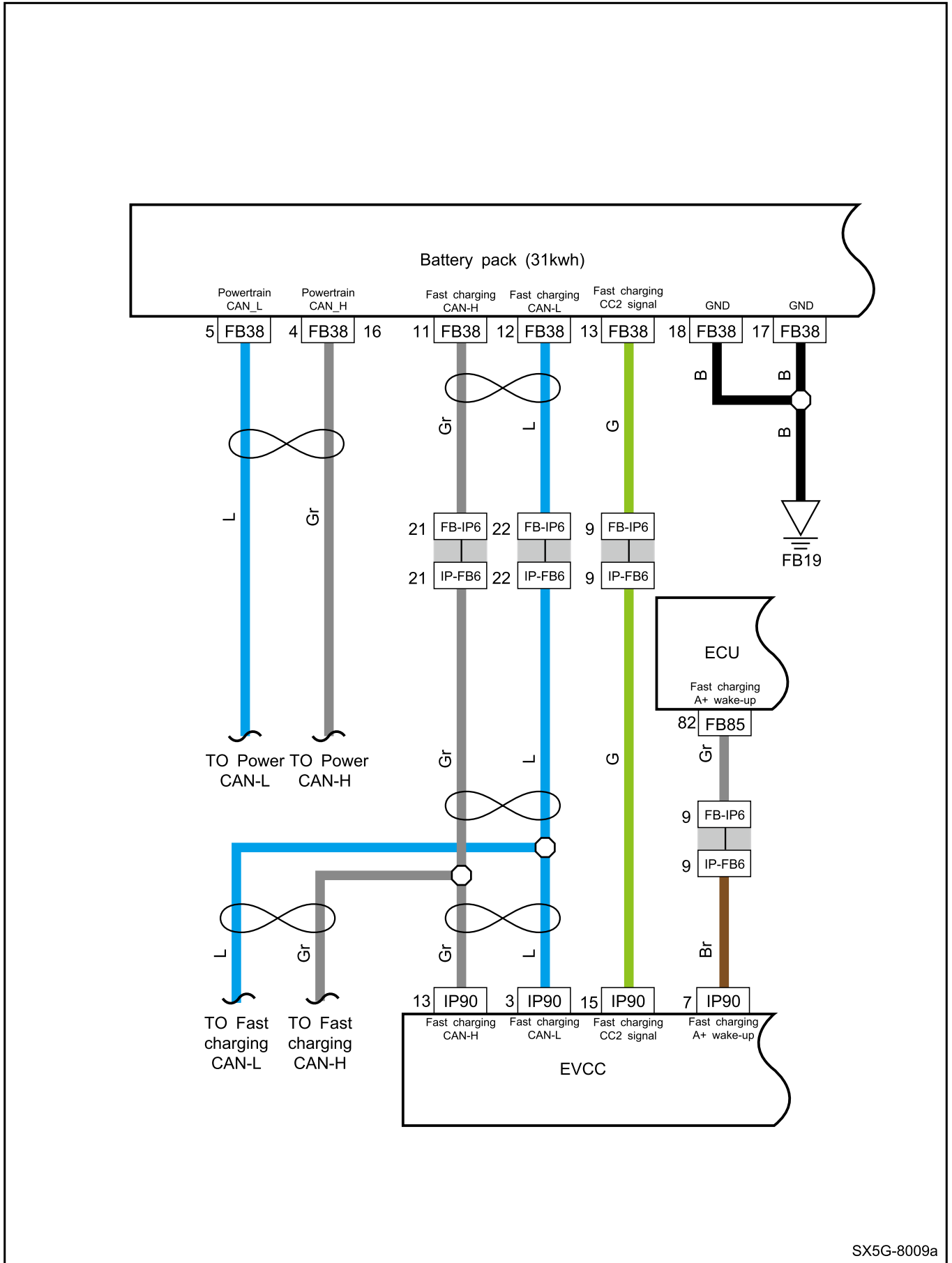
Battery pack 1



SX5G-8008a

Harness connector	Name	Page
FB38	Battery pack (31kwh)	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Battery pack 2

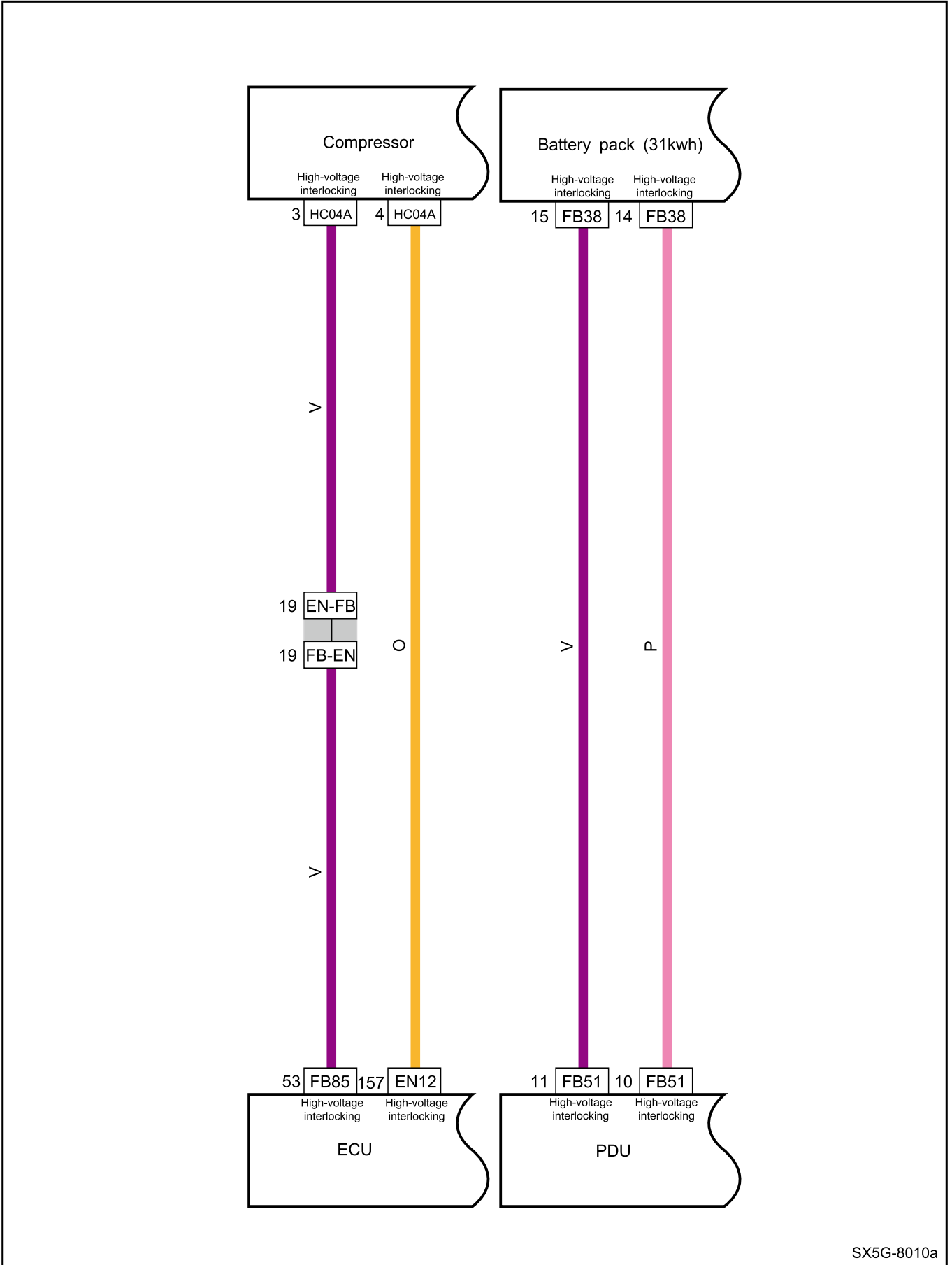


SX5G-8009a

Harness connector	Name	Page
FB19	Body GND point 5	133
FB38	Battery pack (31kwh)	35
FB85	Engine ECU-K	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP90	EVCC	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53

Connection point	Description	Page
FB38-5	TO Power CAN-L	381
FB38-4	TO Power CAN-H	381

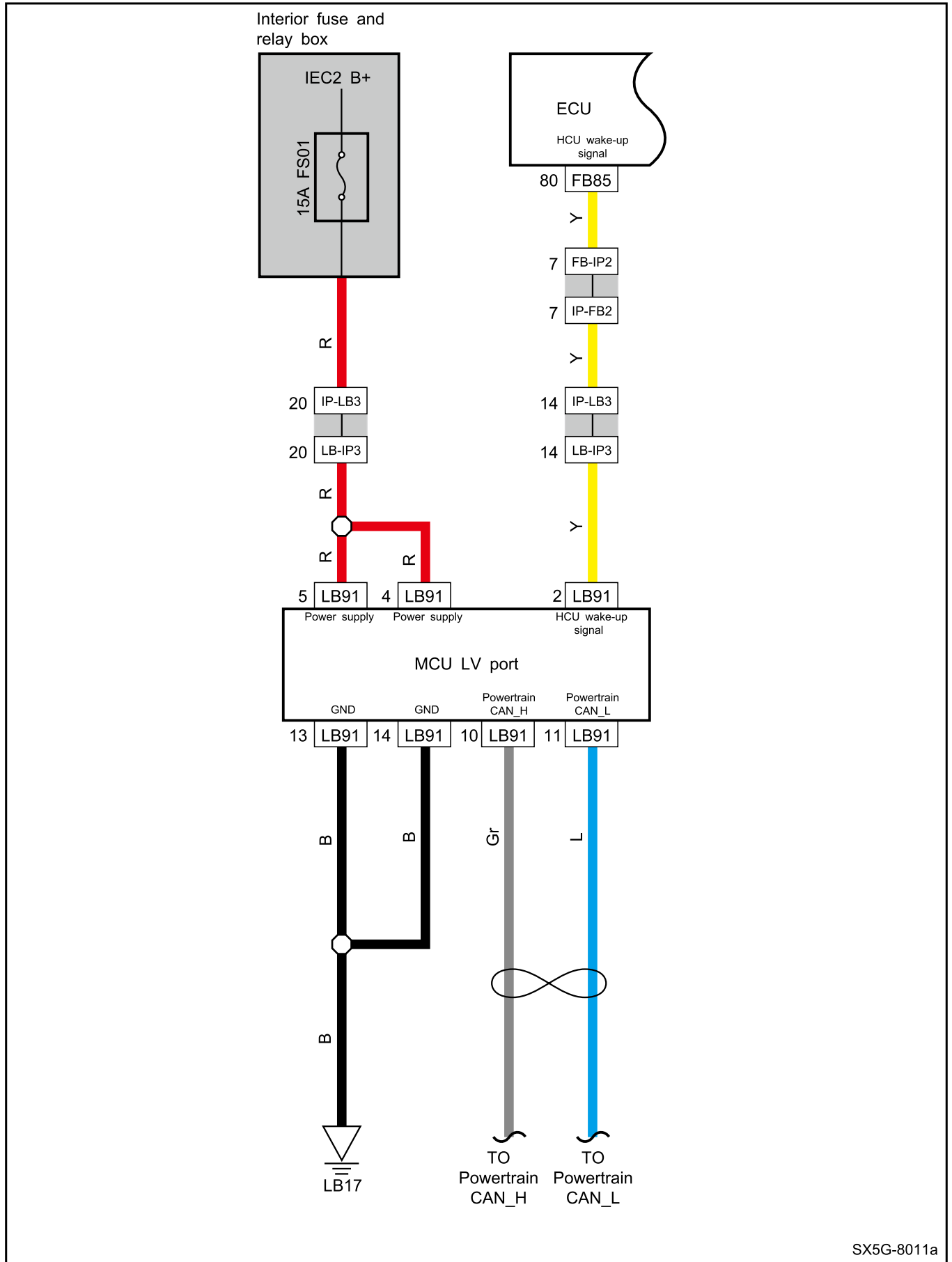
High-voltage interlocking



SX5G-8010a

Harness connector	Name	Page
EN12	ECU-A	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB38	Battery pack (31kwh)	35
FB51	PDU	35
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35
HC04A	Compressor	26
HV04	Two-in-one AC input	126

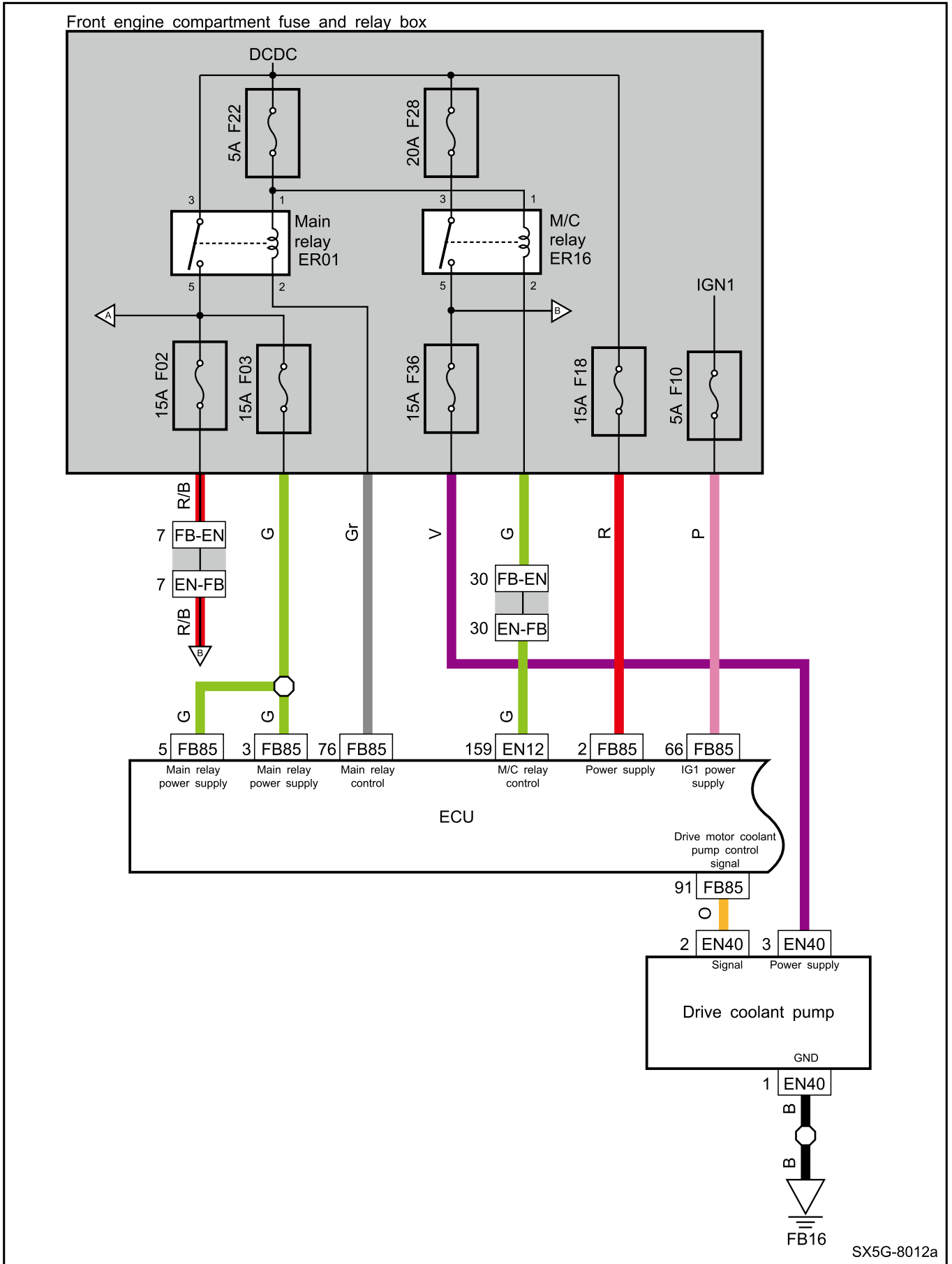
Motor control



Harness connector	Name	Page
FB85	Engine ECU-K	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
LB17	Body GND point	135
LB91	MCU LV port	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
LB91-10	TO Power CAN-H	383
LB91-11	TO Power CAN-L	383

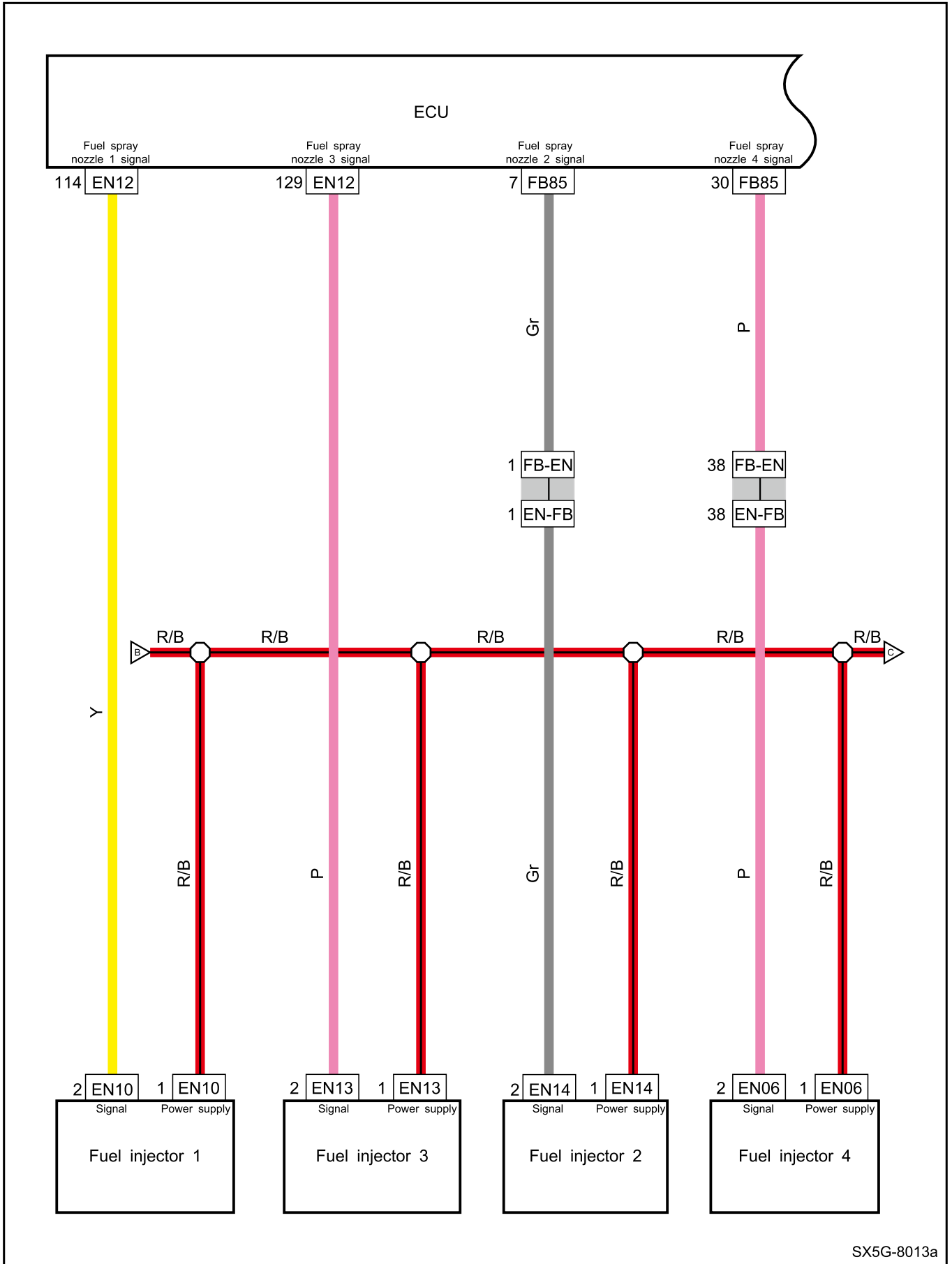
Engine control system 1



Harness connector	Name	Page
EN12	ECU-A	26
EN40	Drive coolant pump	35
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB16	GND point 2	133
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
A	TO Engine control system 10	213
B	TO Engine control system 2	197

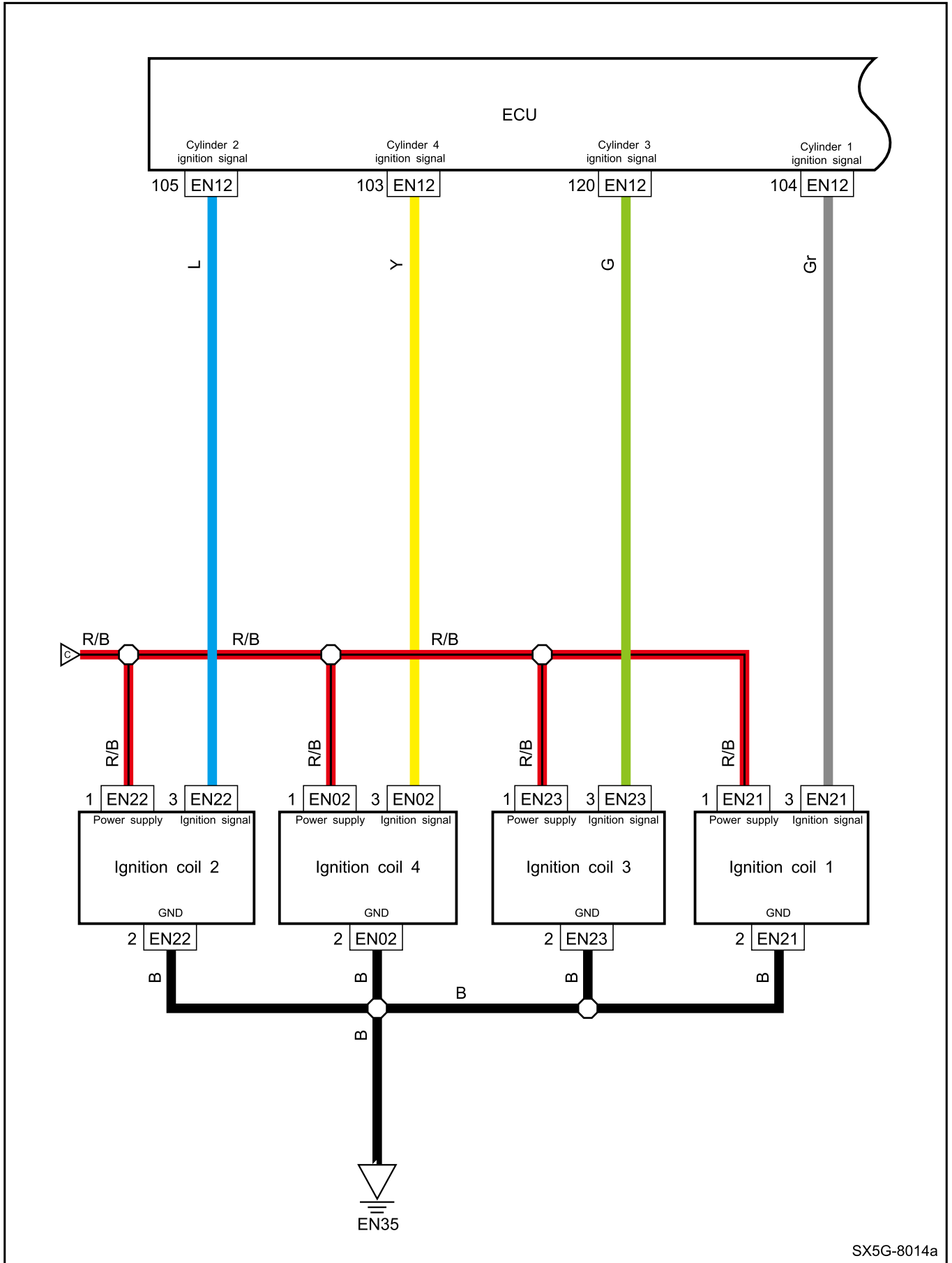
Engine control system 2



Harness connector	Name	Page
EN06	Fuel injector 4	26
EN10	Fuel injector 1	26
EN12	ECU-A	26
EN13	Fuel injector 3	26
EN14	Fuel injector 2	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
B	TO Engine control system 1	195
C	TO Engine control system 3	199

Engine control system 3

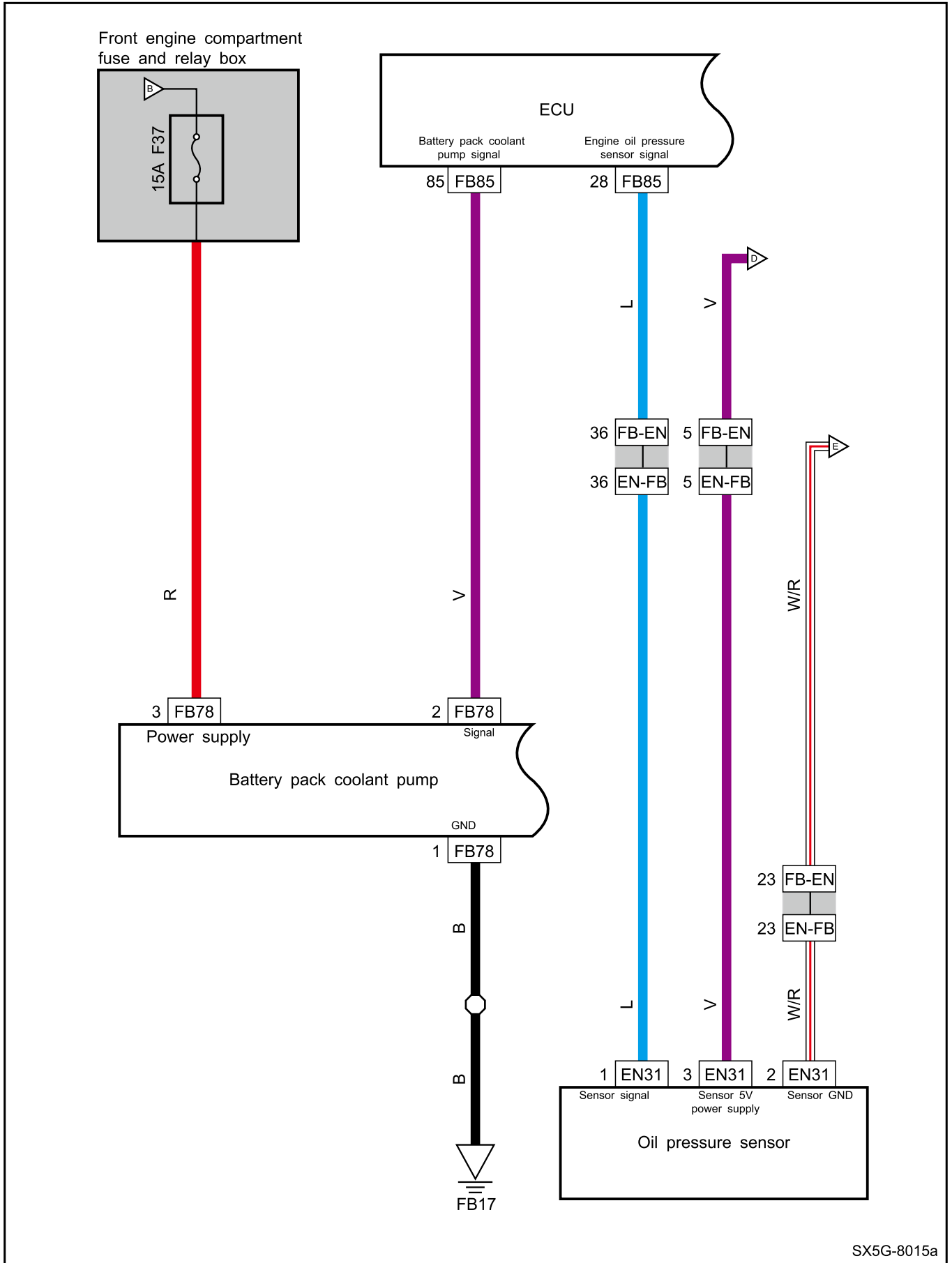


SX5G-8014a

Harness connector	Name	Page
EN02	Ignition coil 4	26
EN12	ECU-A	26
EN21	Ignition coil 1	26
EN22	Ignition coil 2	26
EN23	Ignition coil 3	26
EN35	Ignition coil GND point	132

Connection point	Description	Page
C	TO Engine control system 2	197

Engine control system 4



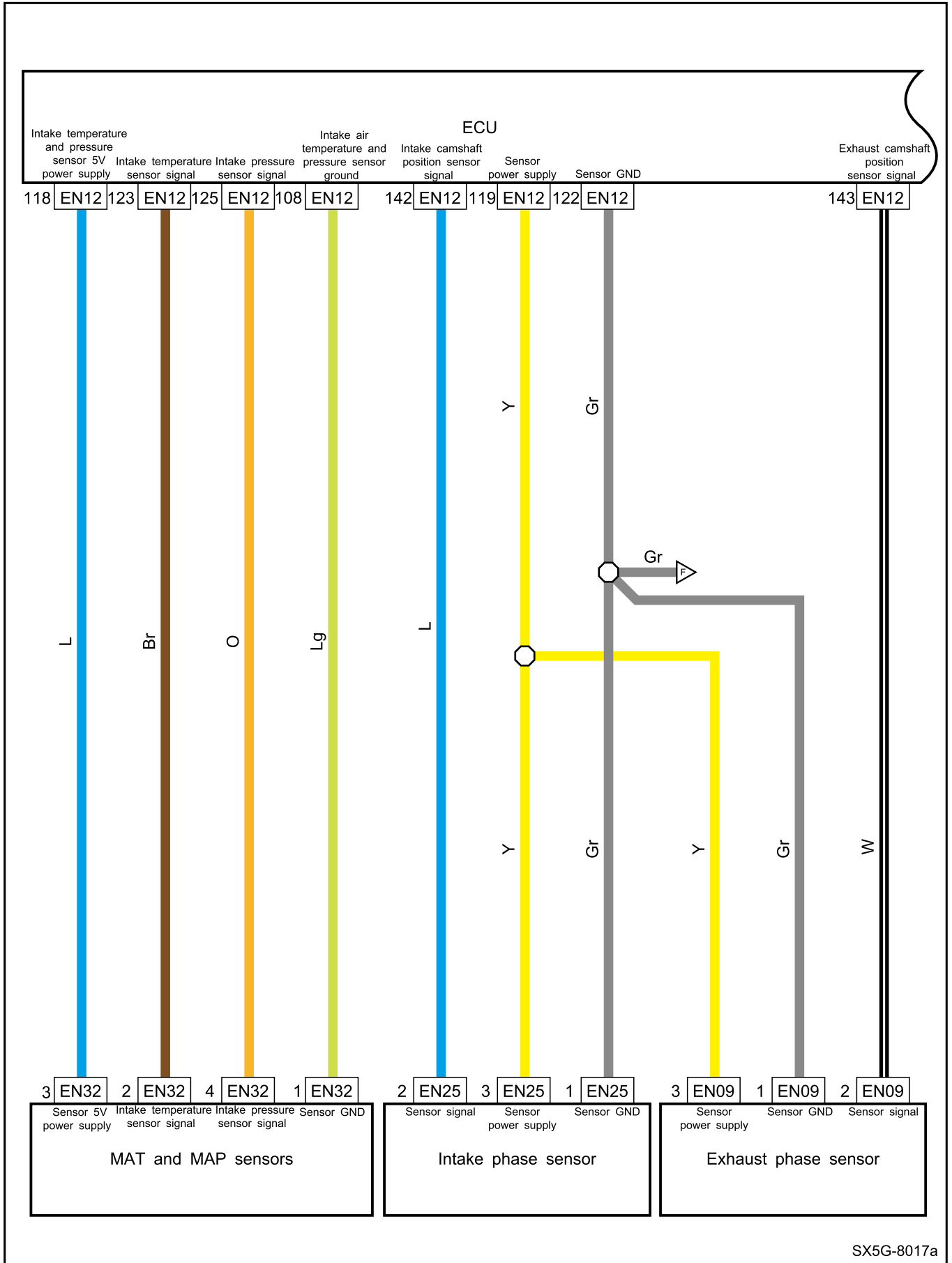
Harness connector	Name	Page
EN31	Oil pressure sensor	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB17	Body GND point 3	133
FB78	Battery pack coolant pump	35
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
D	TO Engine control system 5	203
E	TO Engine control system 5	203

Harness connector	Name	Page
CH01	Fuel tank pressure sensor - large range or carbon canister pressure sensor	84
CH04	Fuel tank differential pressure sensor - small range with silver-plated terminals	84
CH-LB	Chassis wiring harness-left body wiring harness	84
FB79	Coolant pipeline temperature sensor	35
FB85	Engine ECU-K	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
LB-CH	Left body wiring harness-chassis wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
D	TO Engine control system 4	201
E	TO Engine control system 4	201

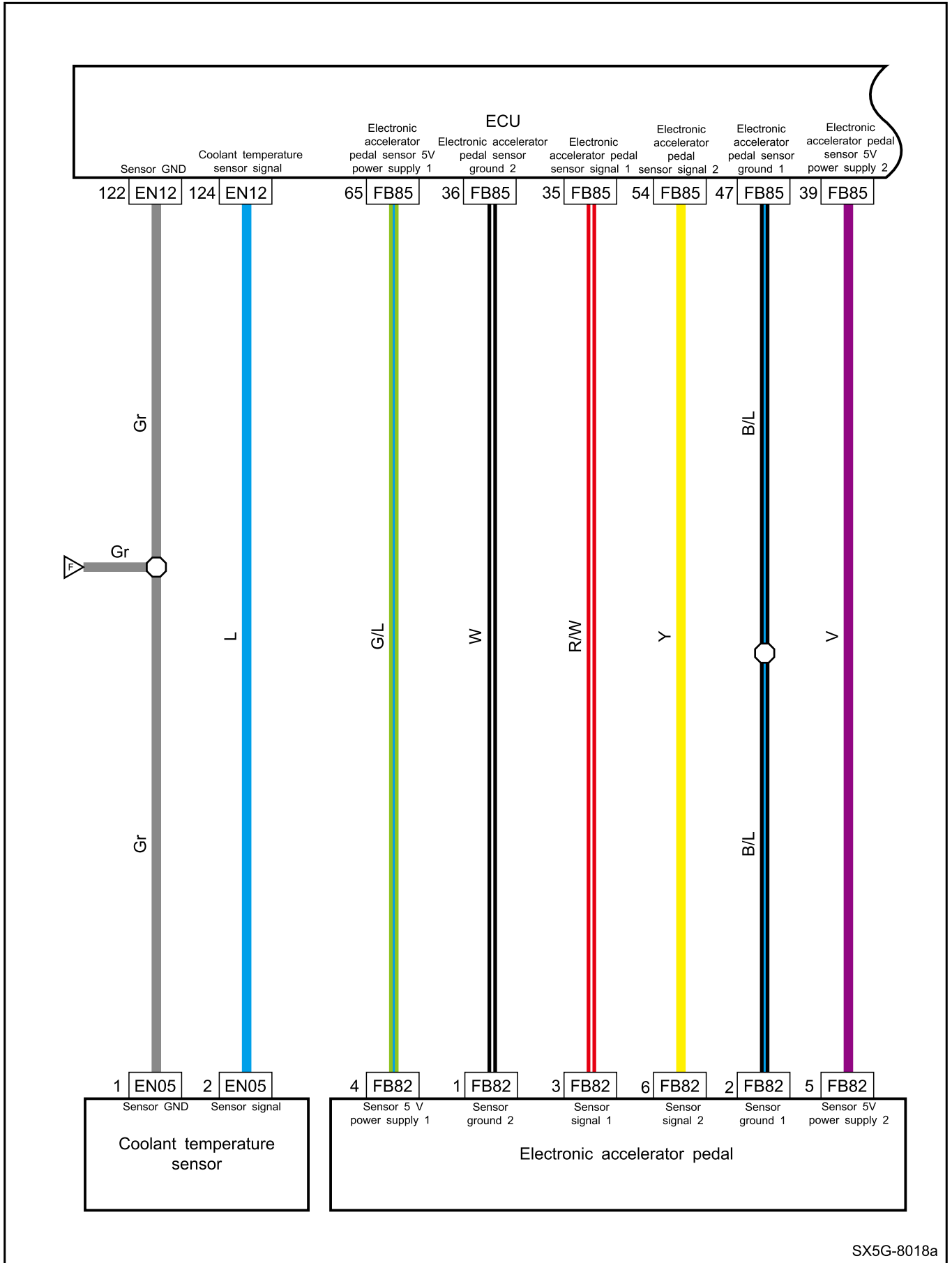
Engine control system 6



Harness connector	Name	Page
EN09	Exhaust phase sensor	26
EN12	ECU-A	26
EN25	Intake phase sensor	26
EN32	MAT and MAP sensors	26

Connection point	Description	Page
F	TO Engine control system 7	207

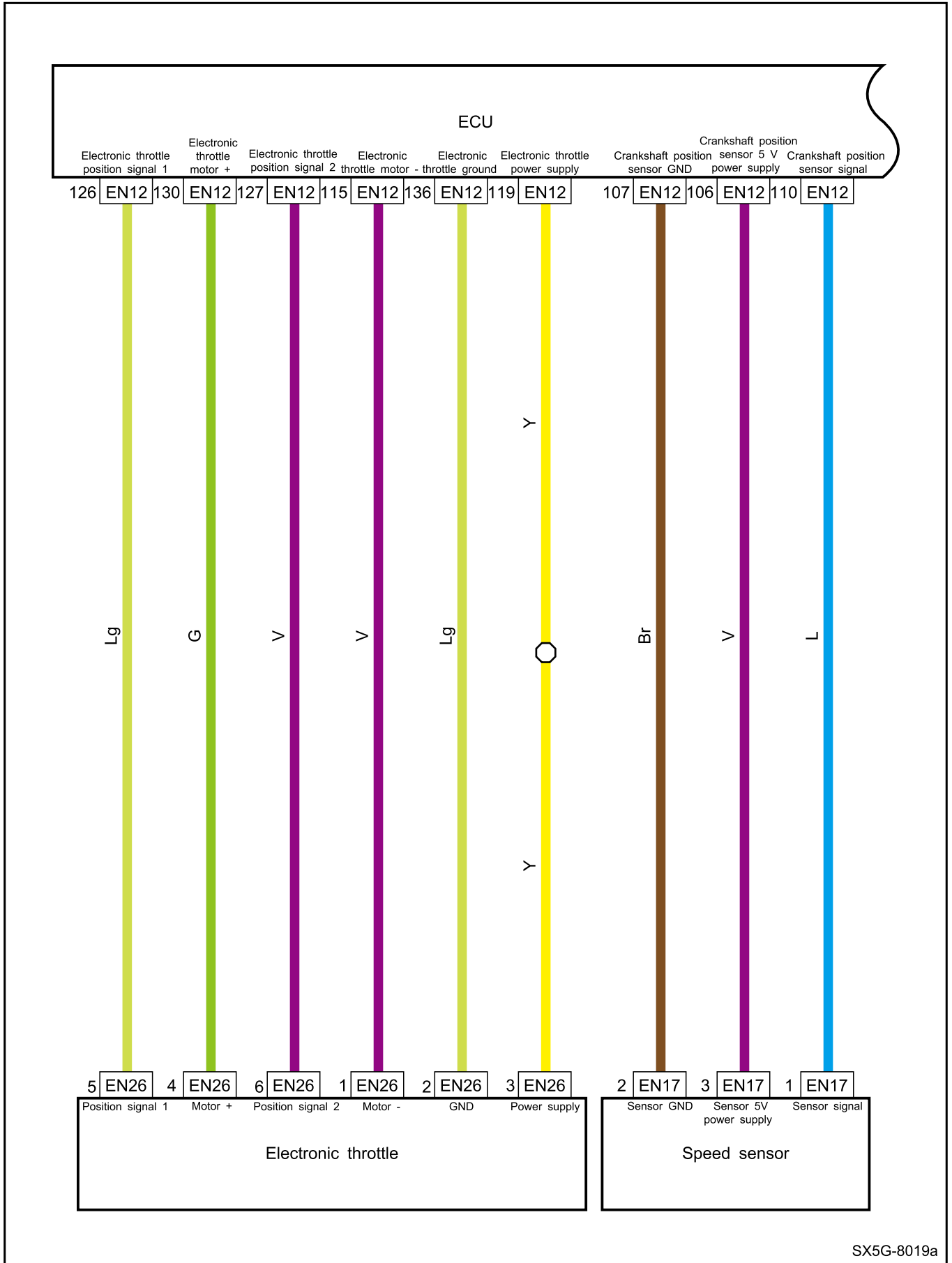
Engine control system 7



Harness connector	Name	Page
EN05	Coolant temperature sensor	26
EN12	ECU-A	26
FB82	Electronic accelerator pedal	35
FB85	Engine ECU-K	35

Connection point	Description	Page
F	TO Engine control system 6	205

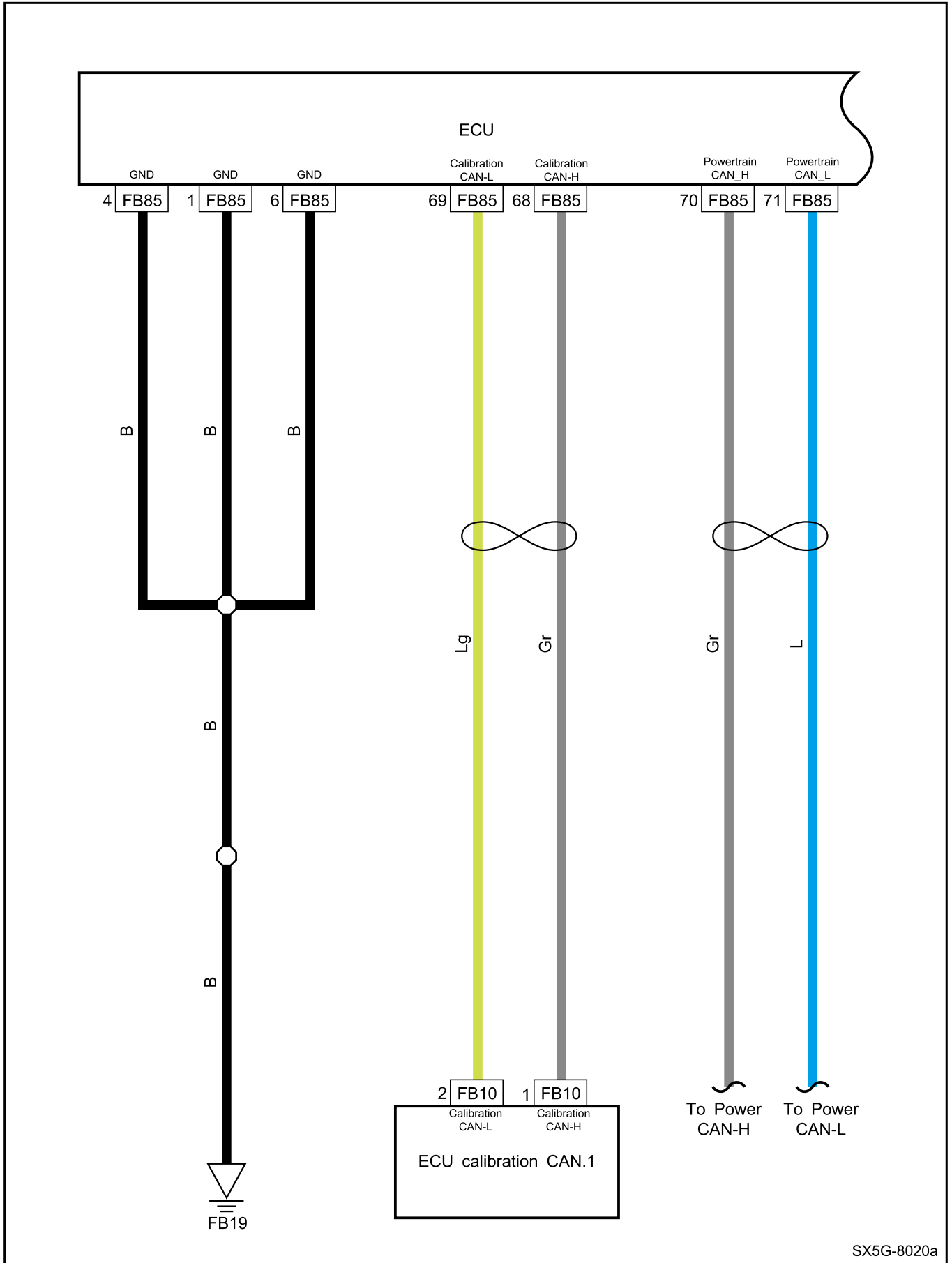
Engine control system 8



SX5G-8019a

Harness connector	Name	Page
EN12	ECU-A	26
EN17	Speed sensor	26
EN26	Electronic throttle	26

Engine control system 9

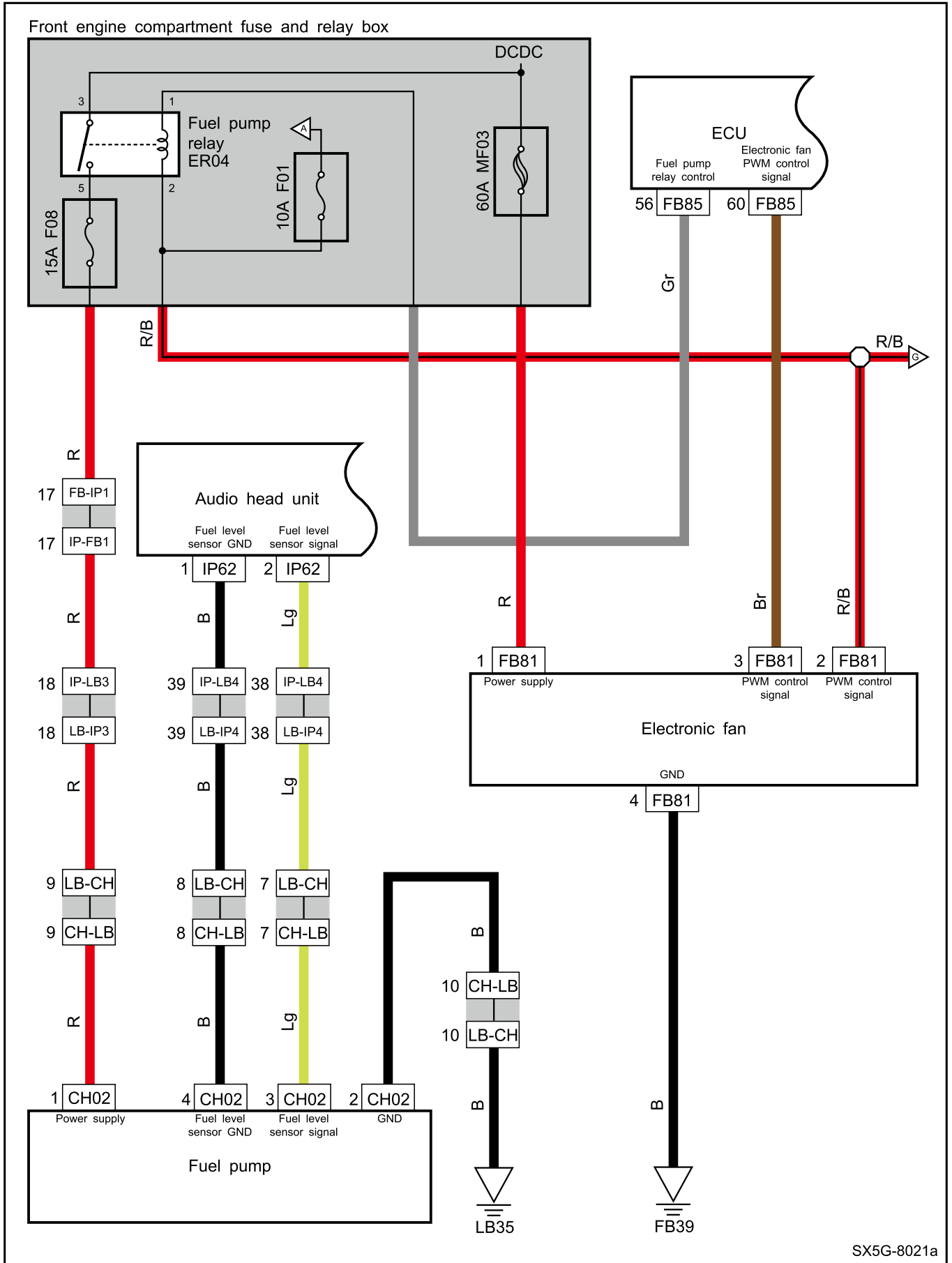


SX5G-8020a

Harness connector	Name	Page
FB10	ECU calibration CAN.1	35
FB19	Body GND point 5	133
FB85	Engine ECU-K	35

Connection point	Description	Page
FB85-70	TO Power CAN-H	381
FB85-71	TO Power CAN-L	381

Engine control system 10

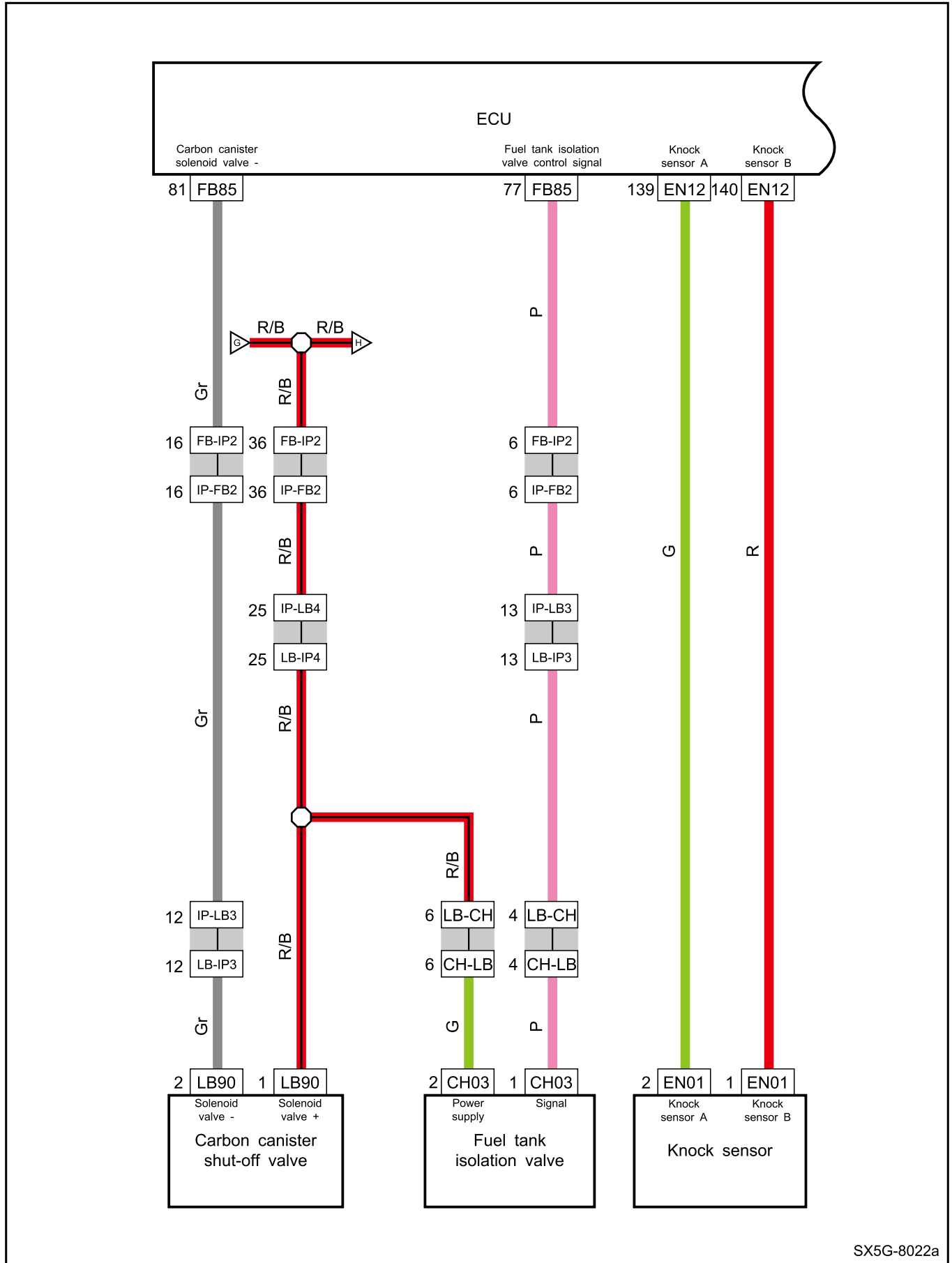


SX5G-8021a

Harness connector	Name	Page
CH02	Fuel pump	84
CH-LB	Chassis wiring harness-left body wiring harness	84
FB39	Body GND point 4	133
FB81	Electronic fan	35
FB85	Engine ECU-K	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP62	Audio head unit B	54
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB35	Fuel pump GND	135
LB-CH	Left body wiring harness-chassis wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
A	TO Engine control system 1	195
G	TO Engine control system 11	215

Engine control system 11

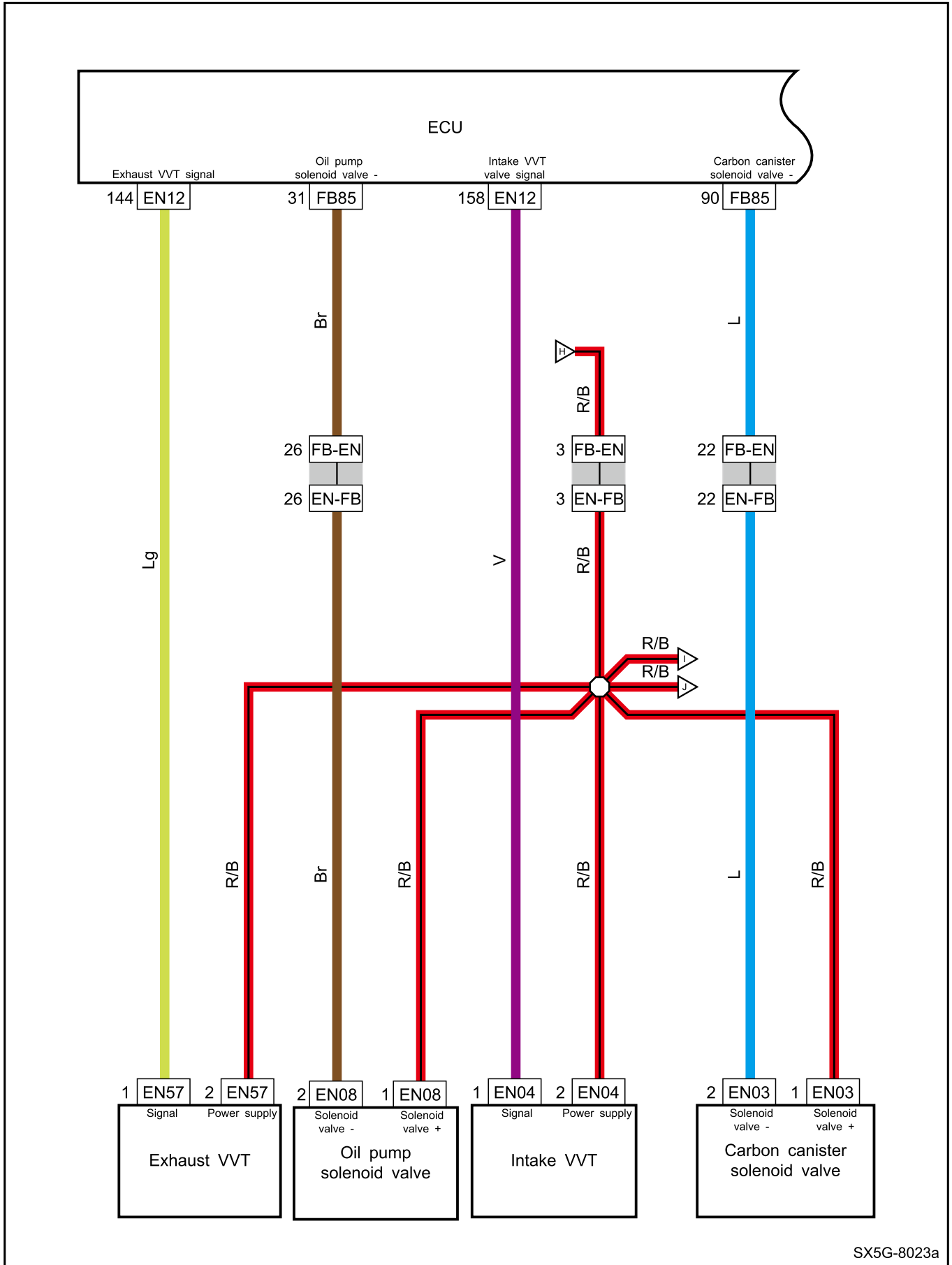


SX5G-8022a

Harness connector	Name	Page
CH03	Fuel tank isolation valve	84
CH-LB	Chassis wiring harness-left body wiring harness	84
EN01	Knock sensor	26
EN12	ECU-A	26
FB85	Engine ECU-K	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB90	Carbon canister shut-off valve	85
LB-CH	Left body wiring harness-chassis wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
G	TO Engine control system 10	213
H	TO Engine control system 12	217

Engine control system 12

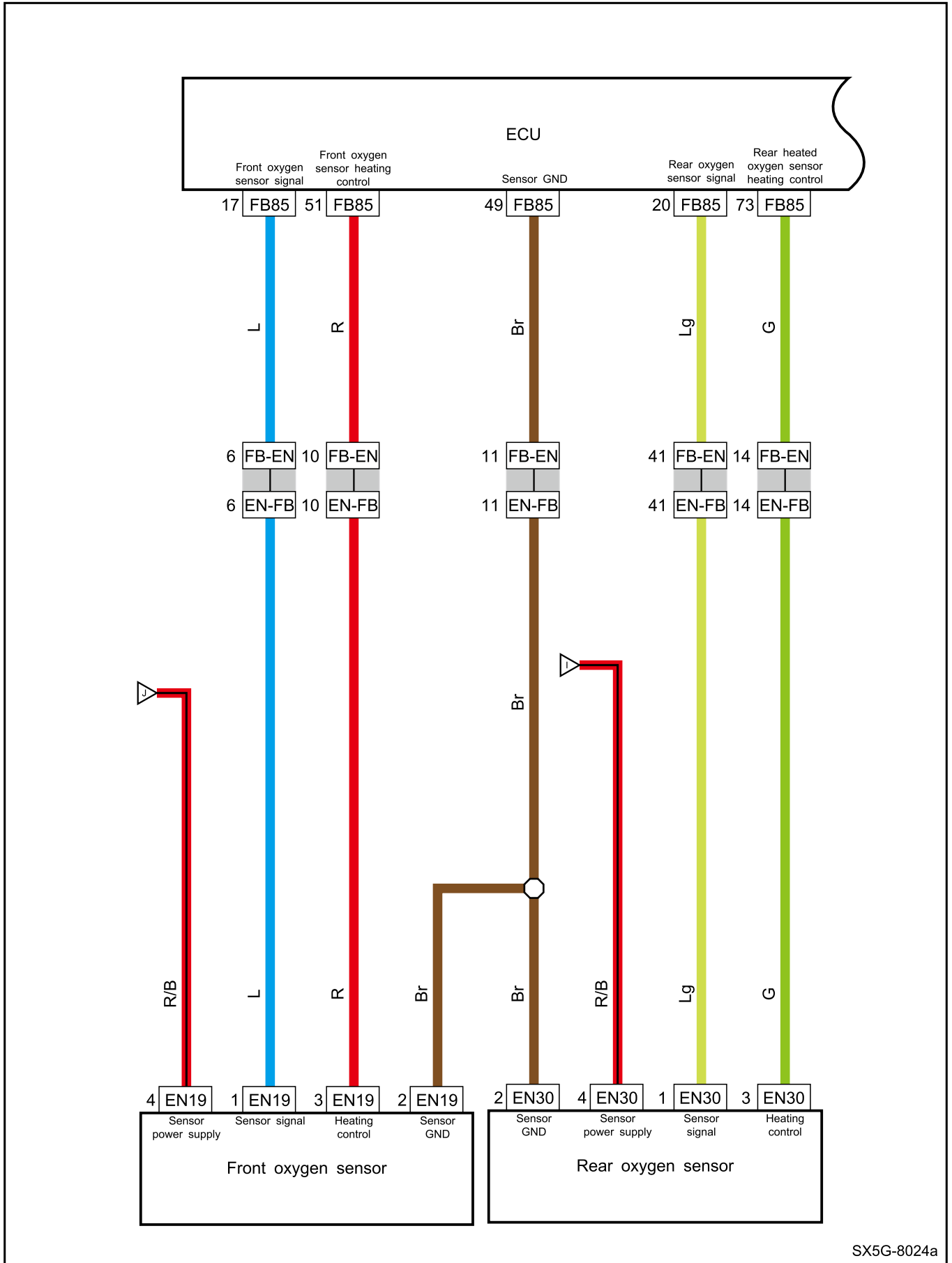


SX5G-8023a

Harness connector	Name	Page
EN03	Carbon canister solenoid valve	26
EN04	Intake VVT	26
EN08	Oil pump solenoid valve	26
EN12	ECU-A	26
EN57	Exhaust VVT	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
H	TO Engine control system 11	215
I	TO Engine control system 13	219
J	TO Engine control system 13	219

Engine control system 13

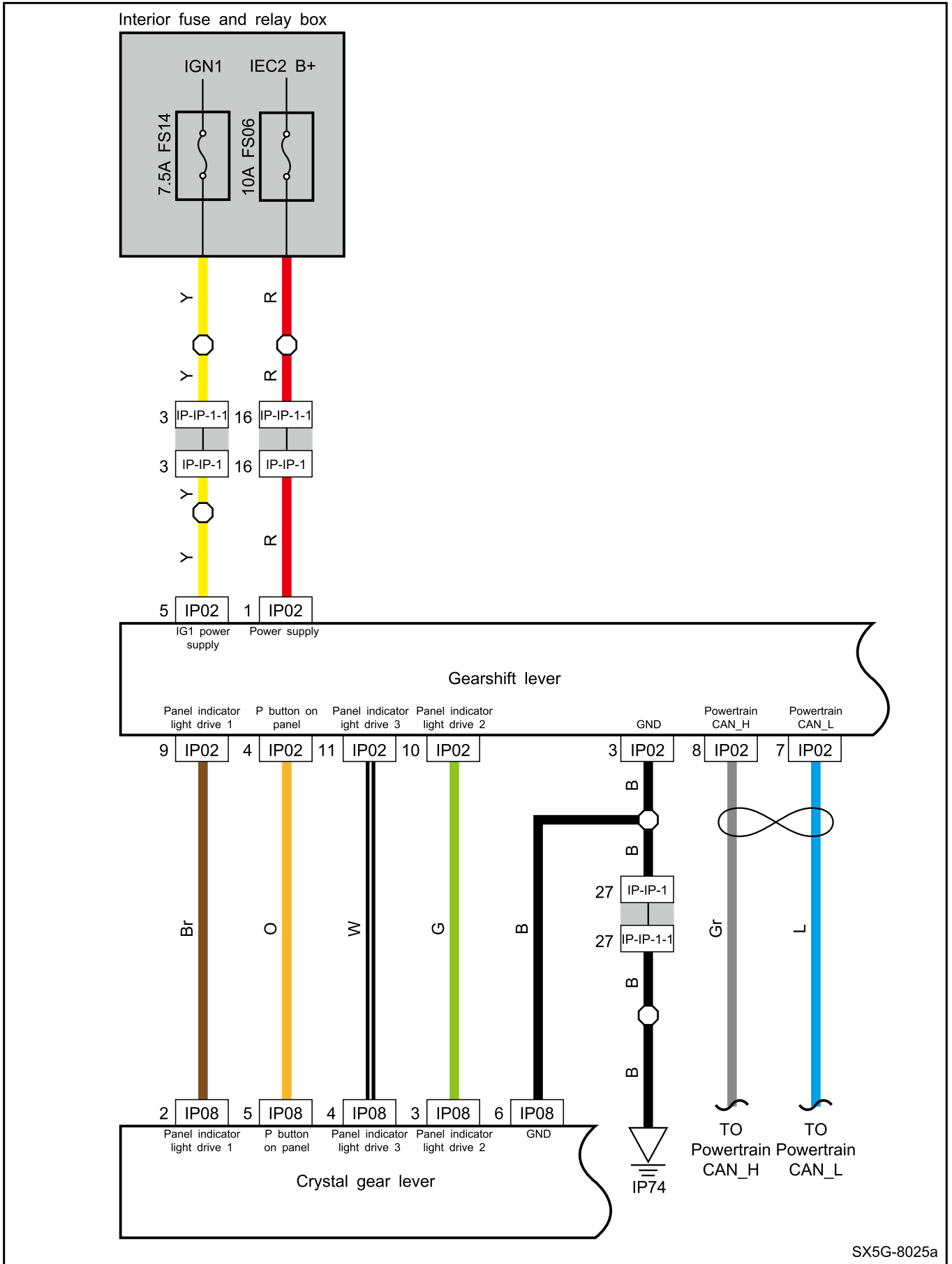


SX5G-8024a

Harness connector	Name	Page
EN19	Front oxygen sensor	26
EN30	Rear oxygen sensor	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
I	TO Engine control system 12	217
J	TO Engine control system 12	217

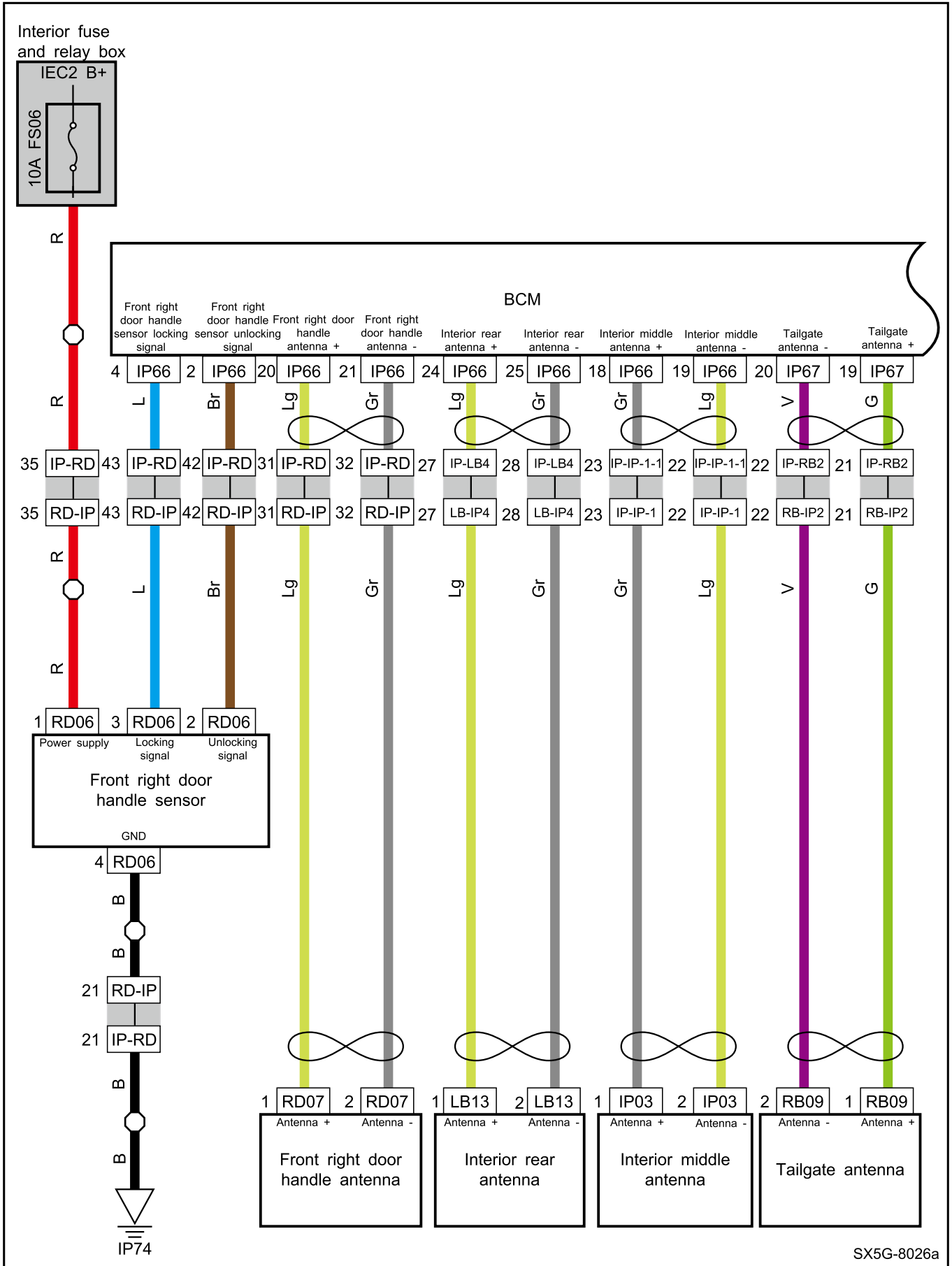
Electronic gear shifter



Harness connector	Name	Page
IP02	Gearshift lever	55
IP08	Crystal gear lever	55
IP74	Merged GND points 1-2	134
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53

Connection point	Description	Page
IP02-8	TO Power CAN-H	383
IP02-7	TO Power CAN-L	383

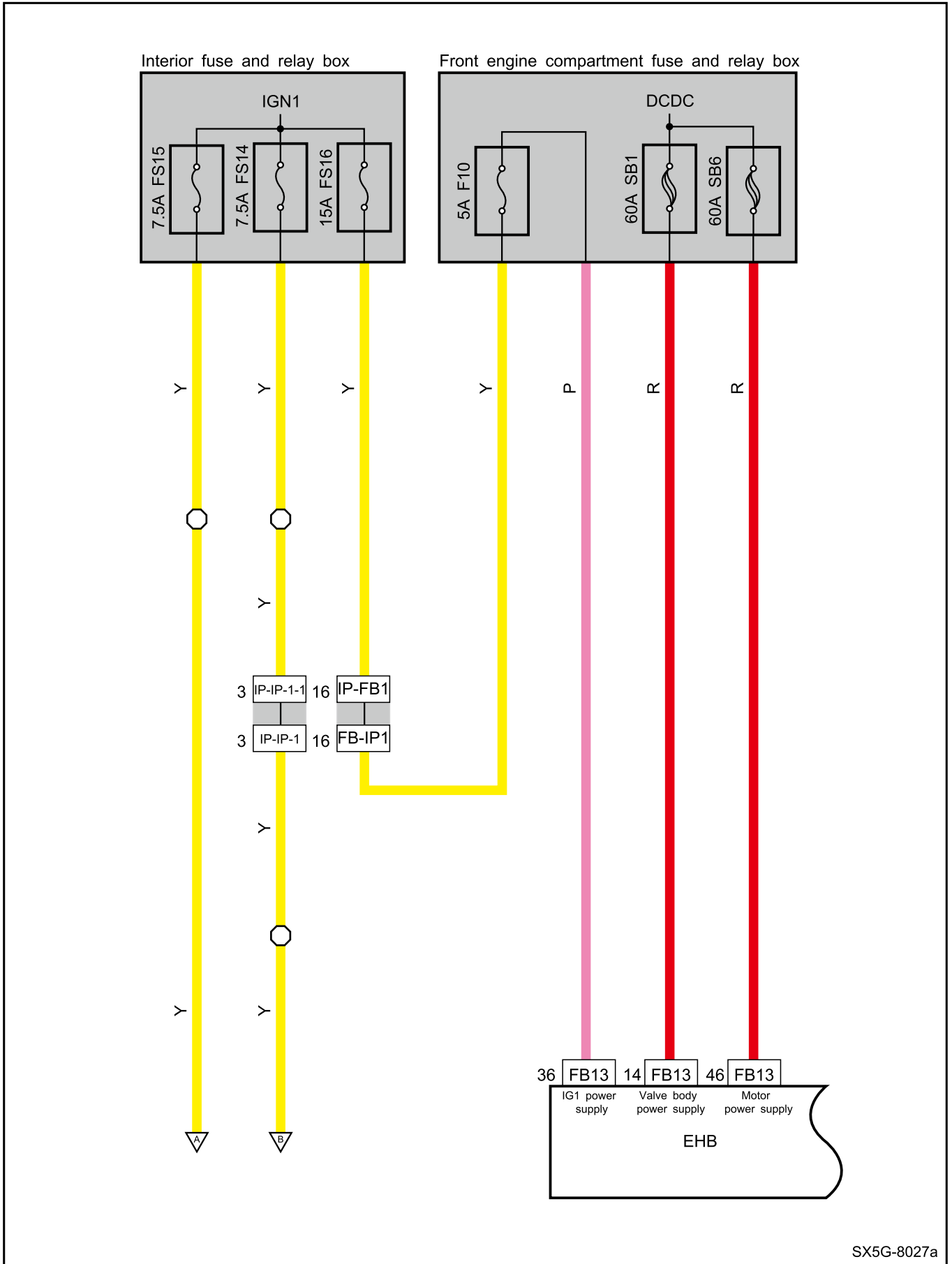
PEPS system



SX5G-8026a

Harness connector	Name	Page
IP03	Interior middle antenna	55
IP66	BCM-J4	53
IP67	BCM-J5	53
IP74	Merged GND points 1-2	134
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LB13	Interior rear antenna	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
RB09	Tailgate antenna	86
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RD06	Front right door handle sensor	113
RD07	Front right door handle antenna	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

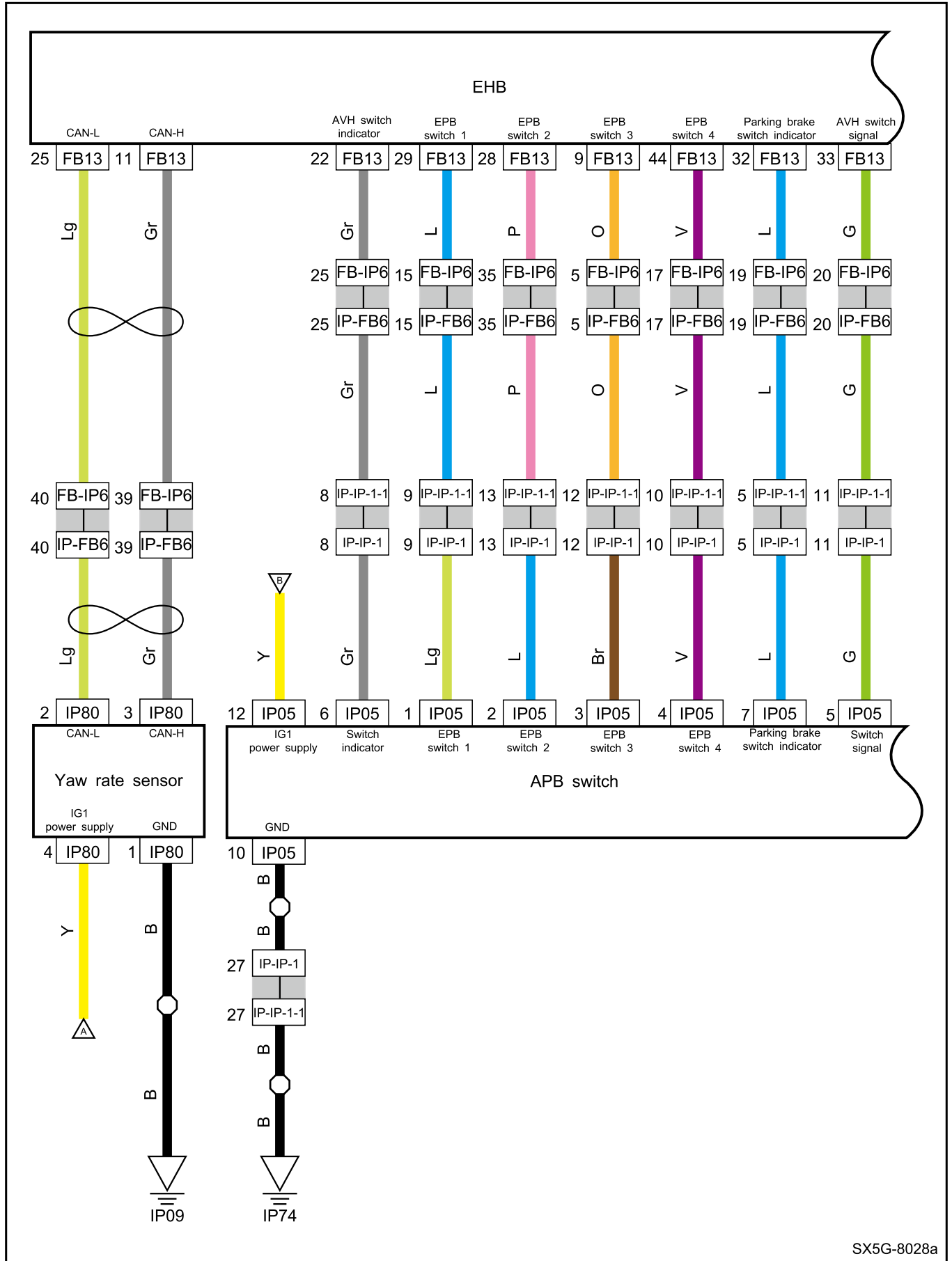
Active safety system 1



Harness connector	Name	Page
FB13	EHB	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53

Connection point	Description	Page
A	TO Active safety system 2	227
B	TO Active safety system 2	227

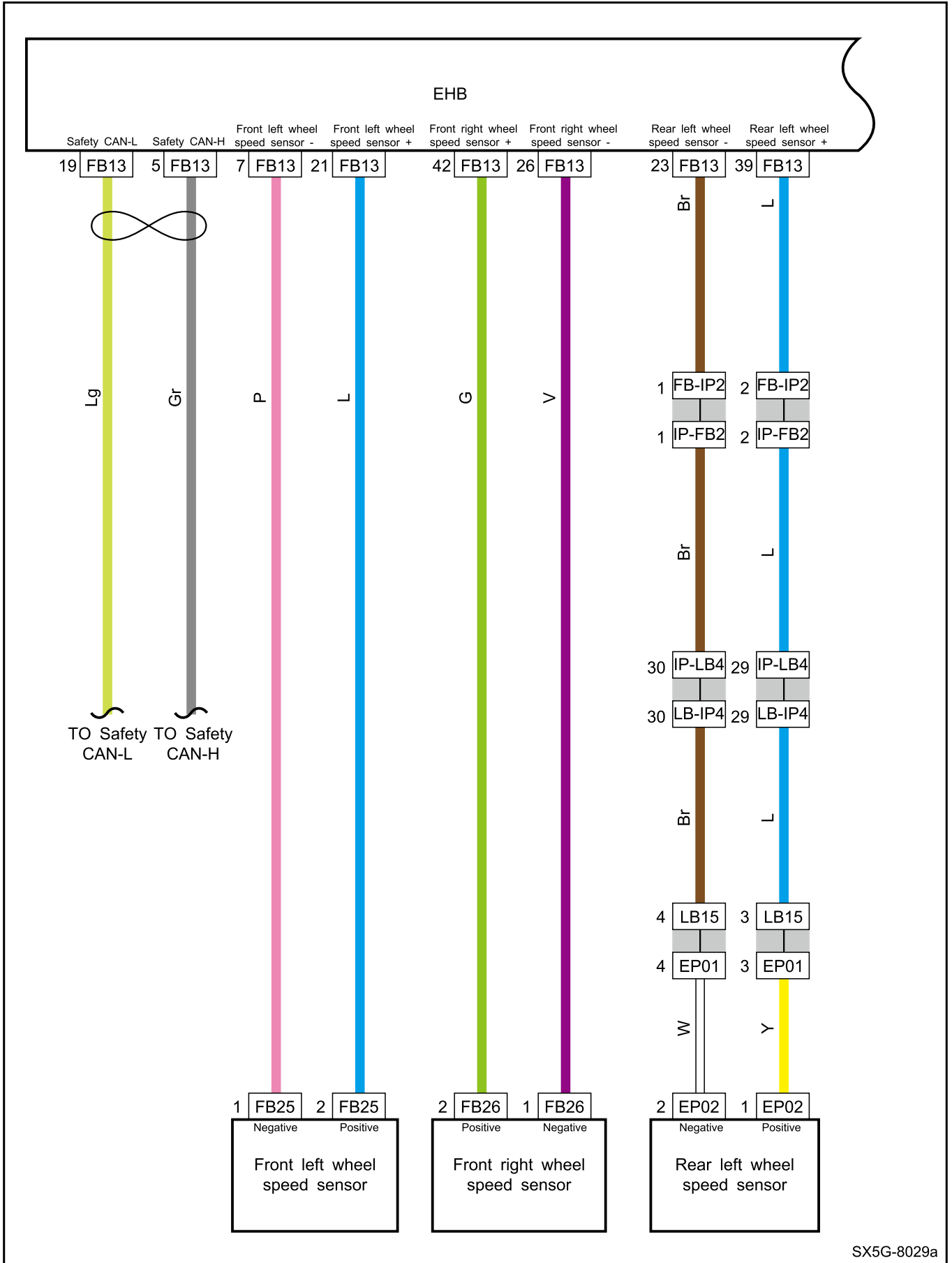
Active safety system 2



Harness connector	Name	Page
FB13	EHB	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP05	APB switch	55
IP09	Merged GND point 3-2	134
IP74	Merged GND points 1-2	134
IP80	Yaw rate sensor	53
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53

Connection point	Description	Page
A	TO Active safety system 1	225
B	TO Active safety system 1	225

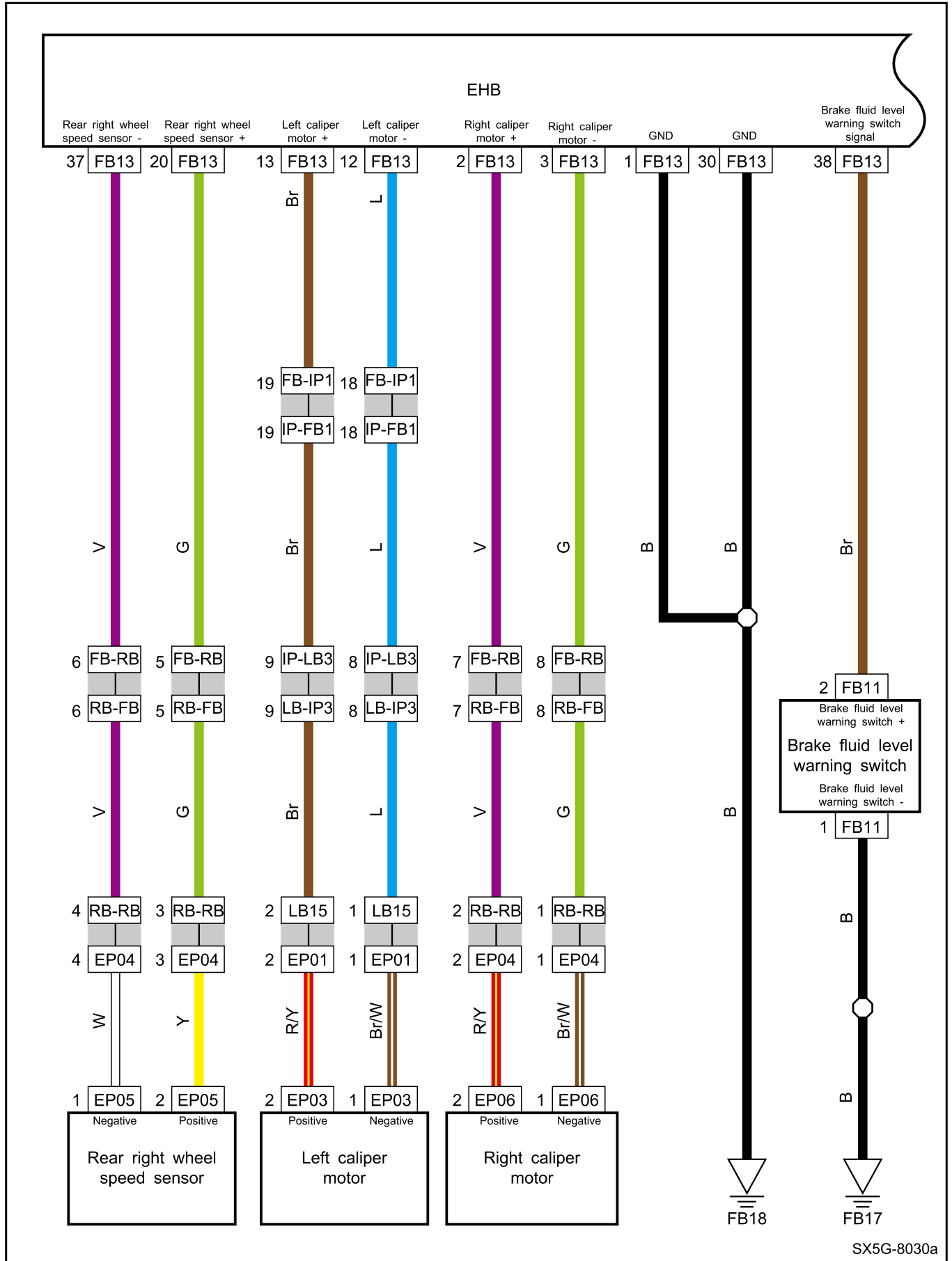
Active safety system 3



Harness connector	Name	Page
EP01	Left caliper wiring harness-left body wiring harness	88
EP02	Rear left wheel speed sensor	88
FB13	EHB	35
FB25	Front left wheel speed sensor	35
FB26	Front right wheel speed sensor	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB15	Left body wiring harness-caliper wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

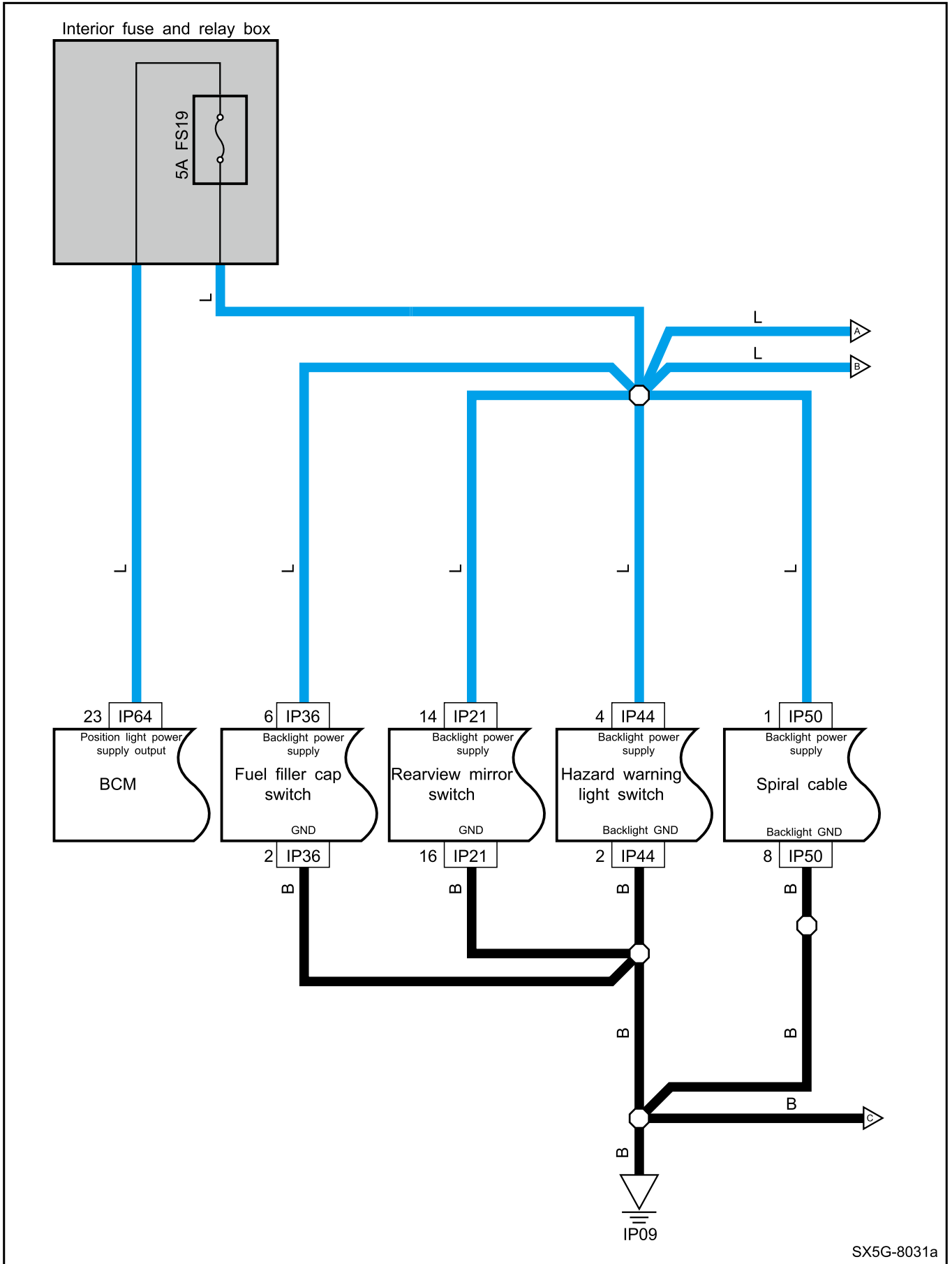
Connection point	Description	Page
FB13-19	TO Safety CAN-L	379
FB13-5	TO Safety CAN-H	379

Active safety system 4



Harness connector	Name	Page
EP01	Left caliper wiring harness-left body wiring harness	88
EP03	Left caliper motor	88
EP04	Right caliper wiring harness-right body wiring harness	89
EP05	Rear right wheel speed sensor	89
EP06	Right caliper motor	89
FB11	Brake fluid level warning switch	35
FB13	EHB	35
FB17	Body GND point 3	133
FB18	GND point	133
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-RB	Engine compartment wiring harness-right body wiring harness(right)	35
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
LB15	Left body wiring harness-caliper wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
RB-FB	Right body wiring harness-engine compartment wiring harness	86
RB-RB	Right body wiring harness-caliper wiring harness	86

Backlight 1

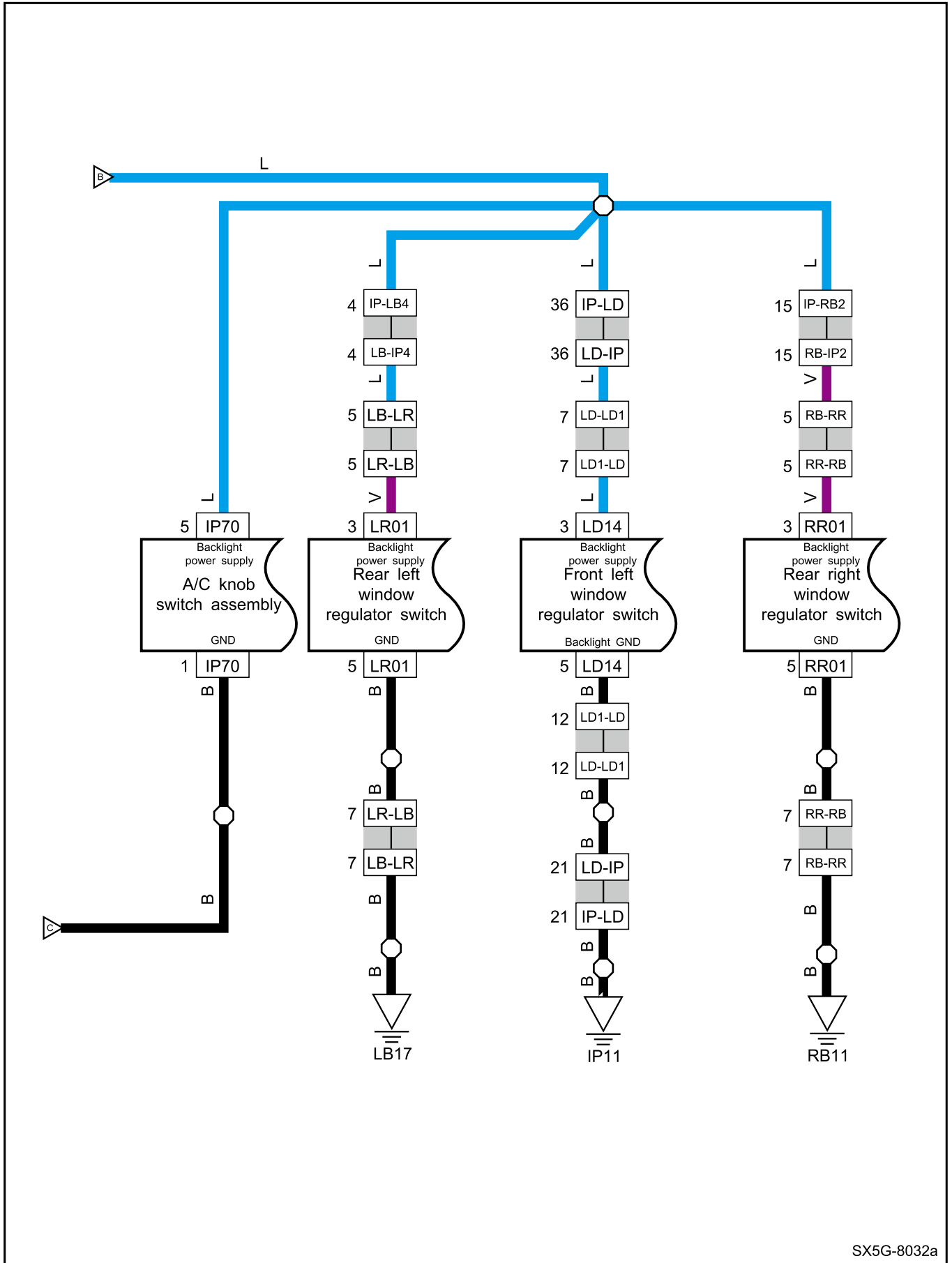


SX5G-8031a

Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP21	Rearview mirror switch	53
IP36	Fuel filler cap switch	53
IP44	Hazard warning light switch	53
IP50	Spiral cable	53
IP64	BCM-J2	53

Connection point	Description	Page
A	TO Backlight 3	237
B	TO Backlight 2	235
C	TO Backlight 2	235

Backlight 2

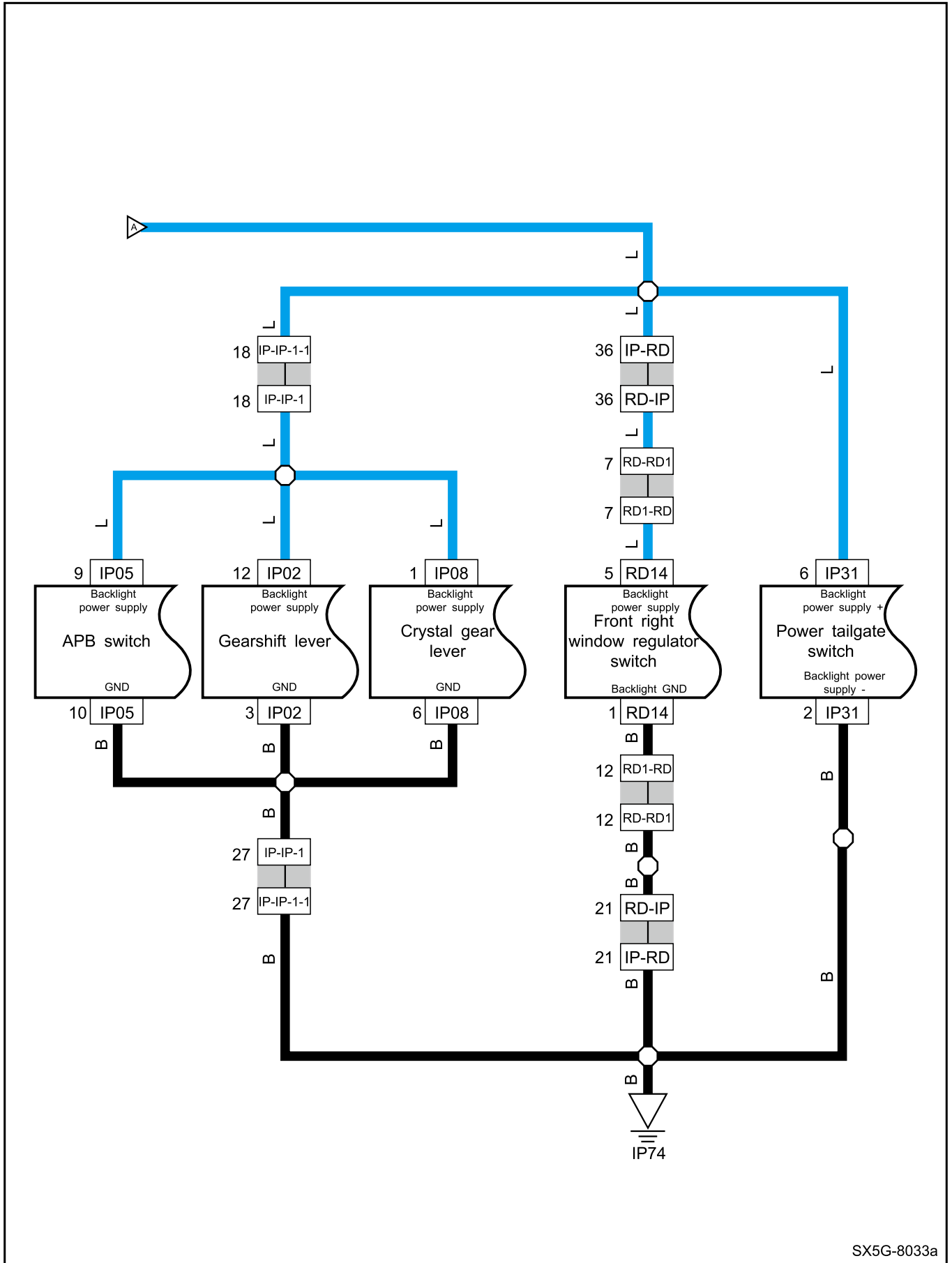


SX5G-8032a

Harness connector	Name	Page
IP11	Merged GND point 5	134
IP70	A/C knob switch assembly	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
LB17	Body GND point	135
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LR	Left body wiring harness-rear door wiring harness	85
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD14	Front left window regulator switch	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112
LR01	Rear left window regulator switch	114
LR-LB	Left rear door wiring harness-left body wiring harness	114
RB11	Body GND point 1.1	136
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-RR	Right body wiring harness-right rear door wiring harness	86
RR01	Rear right window regulator switch	115
RR-RB	Right rear door wiring harness-right body wiring harness	115

Connection point	Description	Page
B	TO Backlight 1	233
C	TO Backlight 1	233

Backlight 3

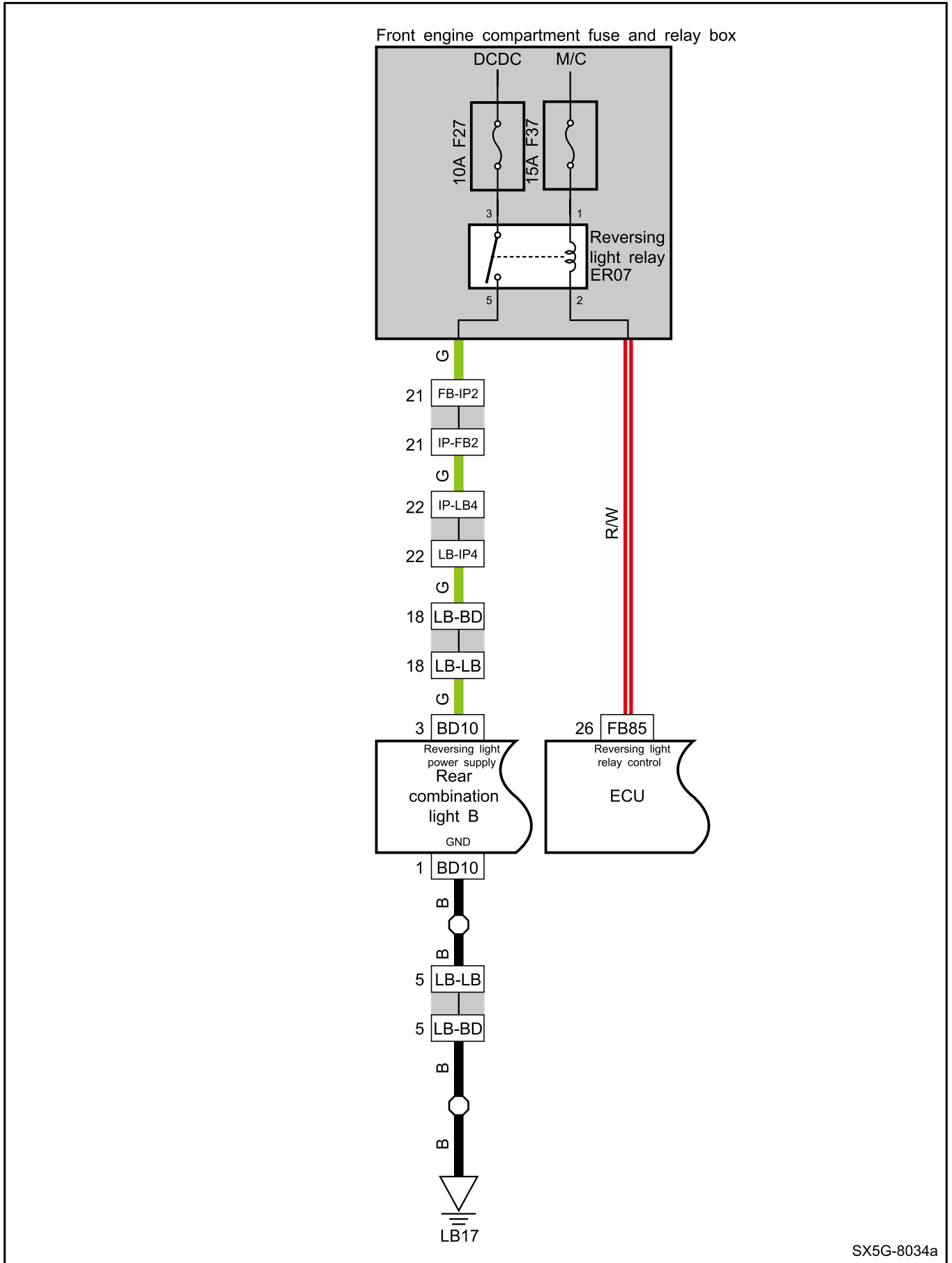


SX5G-8033a

Harness connector	Name	Page
IP02	Gearshift lever	55
IP05	APB switch	55
IP08	Crystal gear lever	55
IP31	Power tailgate switch	53
IP74	Merged GND points 1-2	134
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD14	Front right window regulator switch	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

Connection point	Description	Page
A	TO Backlight 1	233

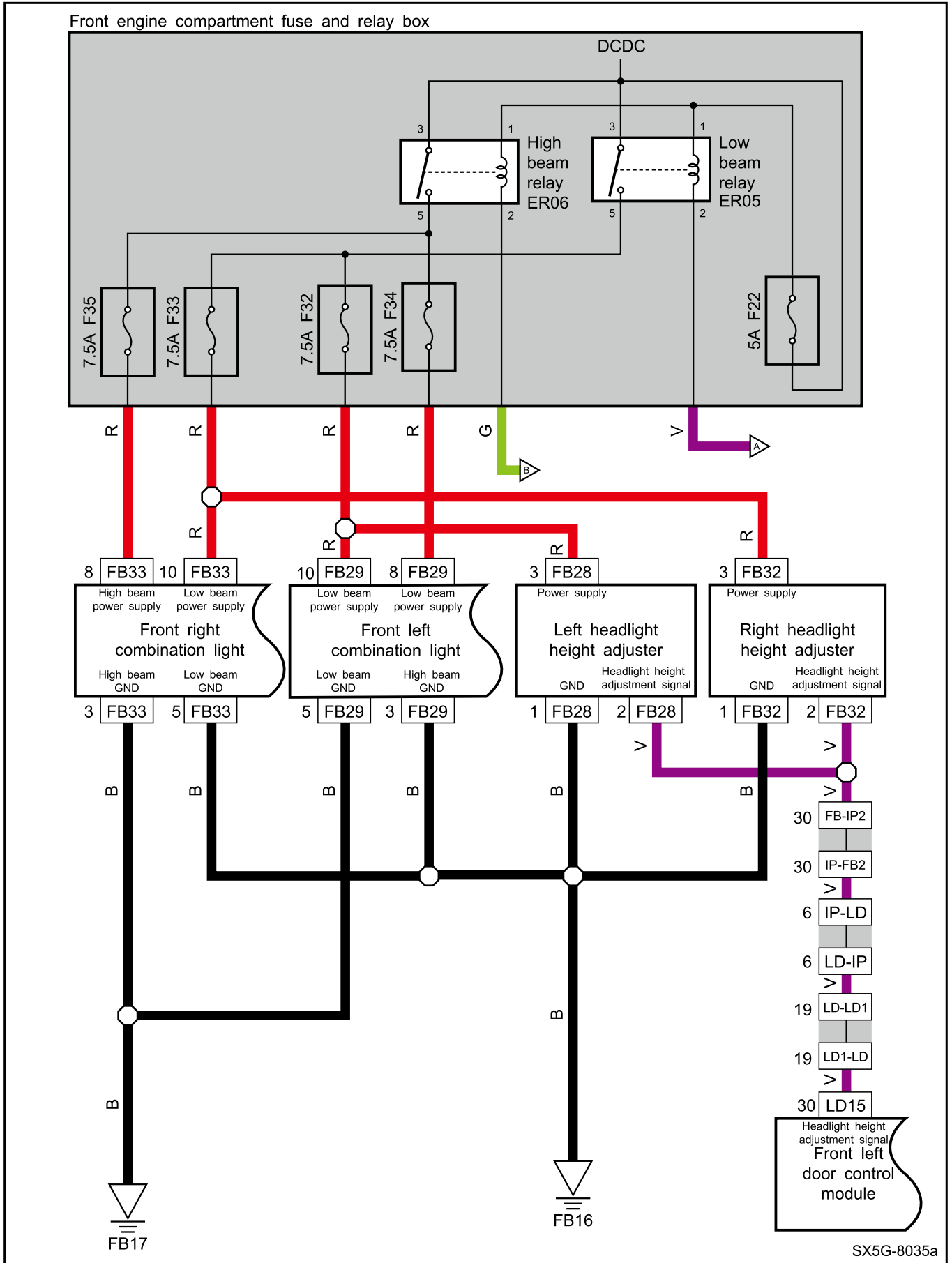
Reversing light



SX5G-8034a

Harness connector	Name	Page
BD10	Rear combination light B	87
FB85	Engine ECU-K	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB17	Body GND point	135
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

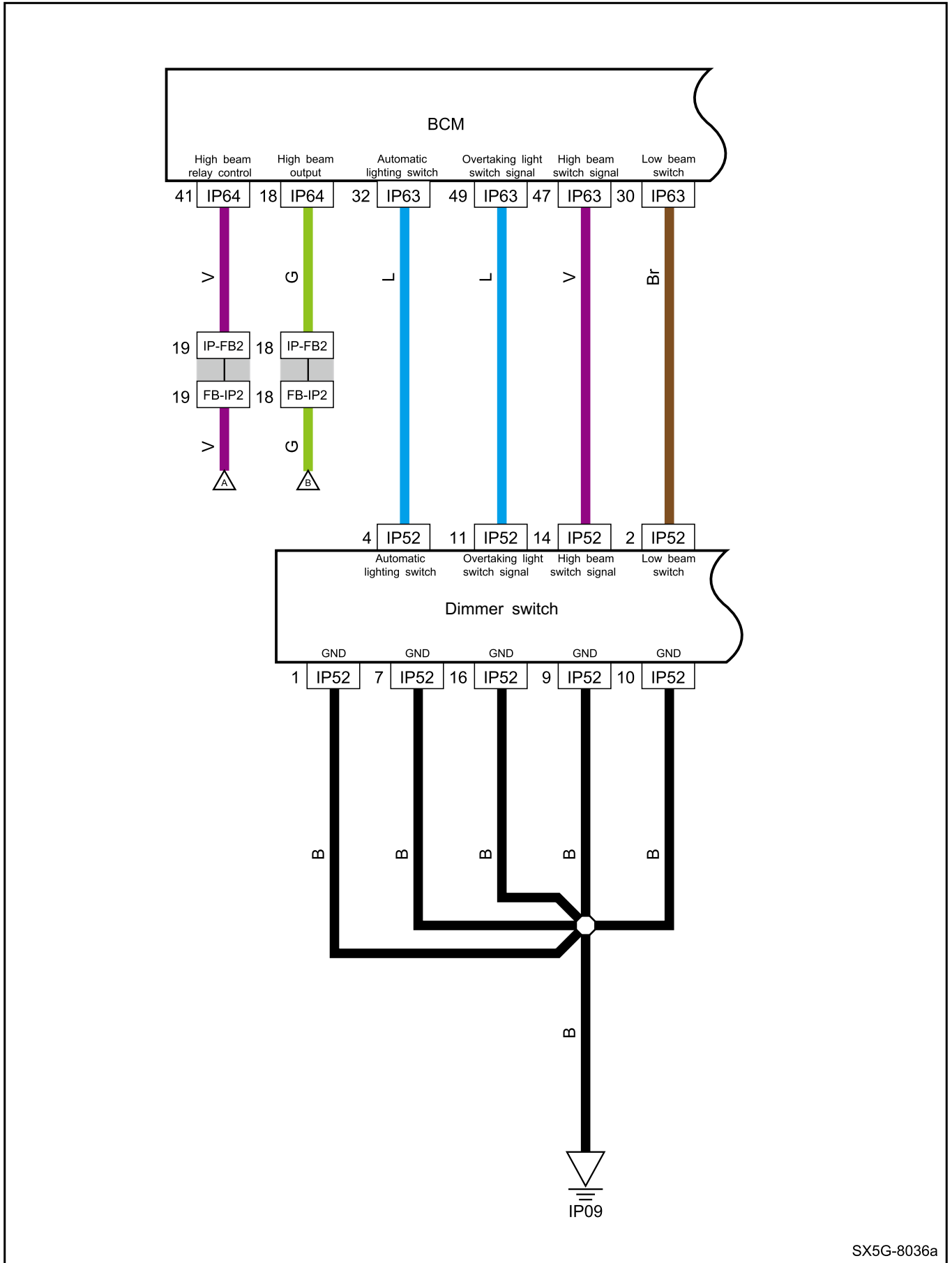
Headlight 1



Harness connector	Name	Page
FB16	GND point 2	133
FB17	Body GND point 3	133
FB28	Left headlight height adjuster	35
FB29	Front left combination light	35
FB32	Right headlight height adjuster	35
FB33	Front right combination light	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD15	Front left door control module L	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112

Connection point	Description	Page
A	TO Headlight 2	243
B	TO Headlight 2	243

Headlight 2

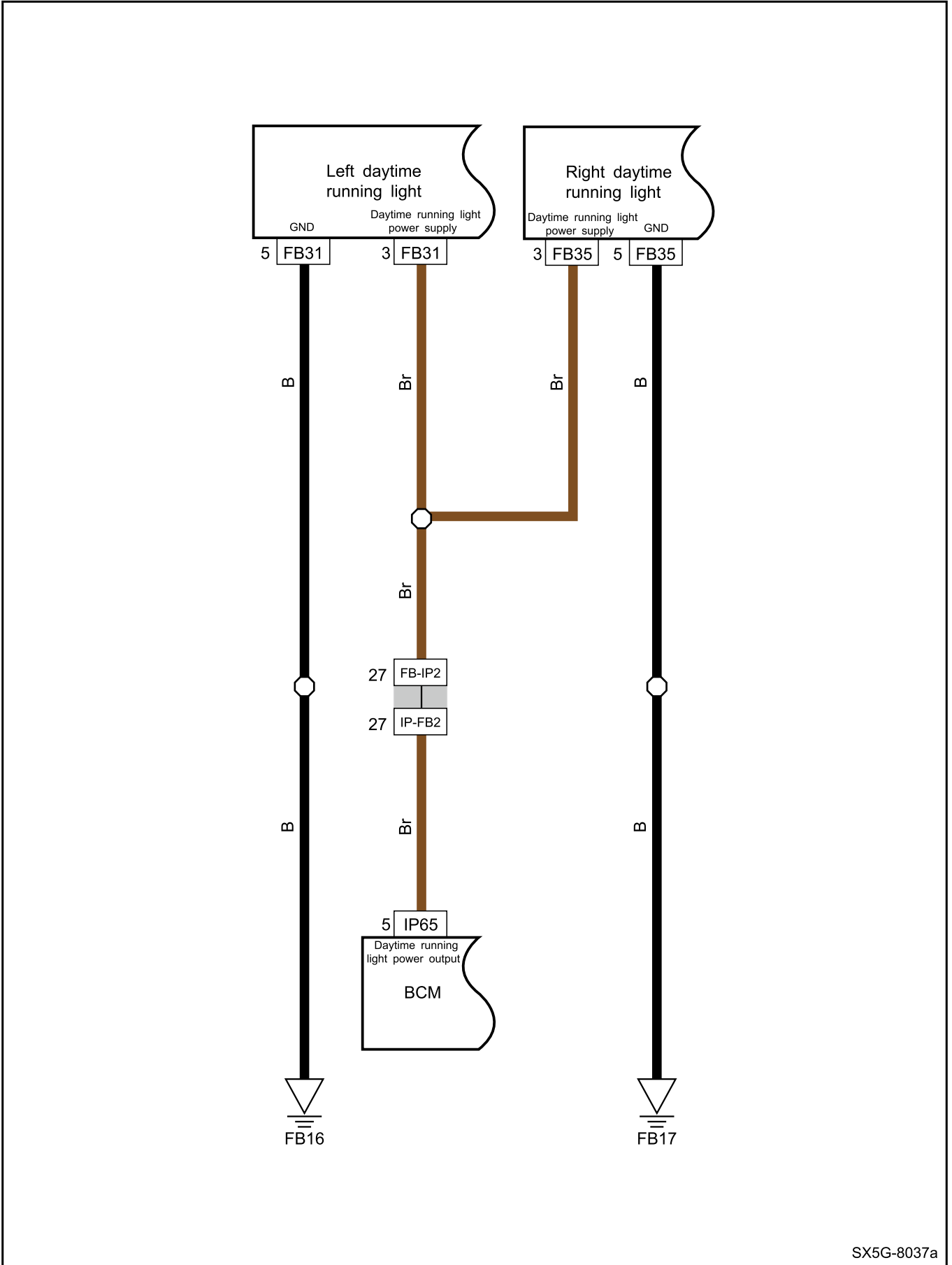


SX5G-8036a

Harness connector	Name	Page
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP09	Merged GND point 3-2	134
IP52	Dimmer switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
A	TO Headlight 1	241
B	TO Headlight 1	241

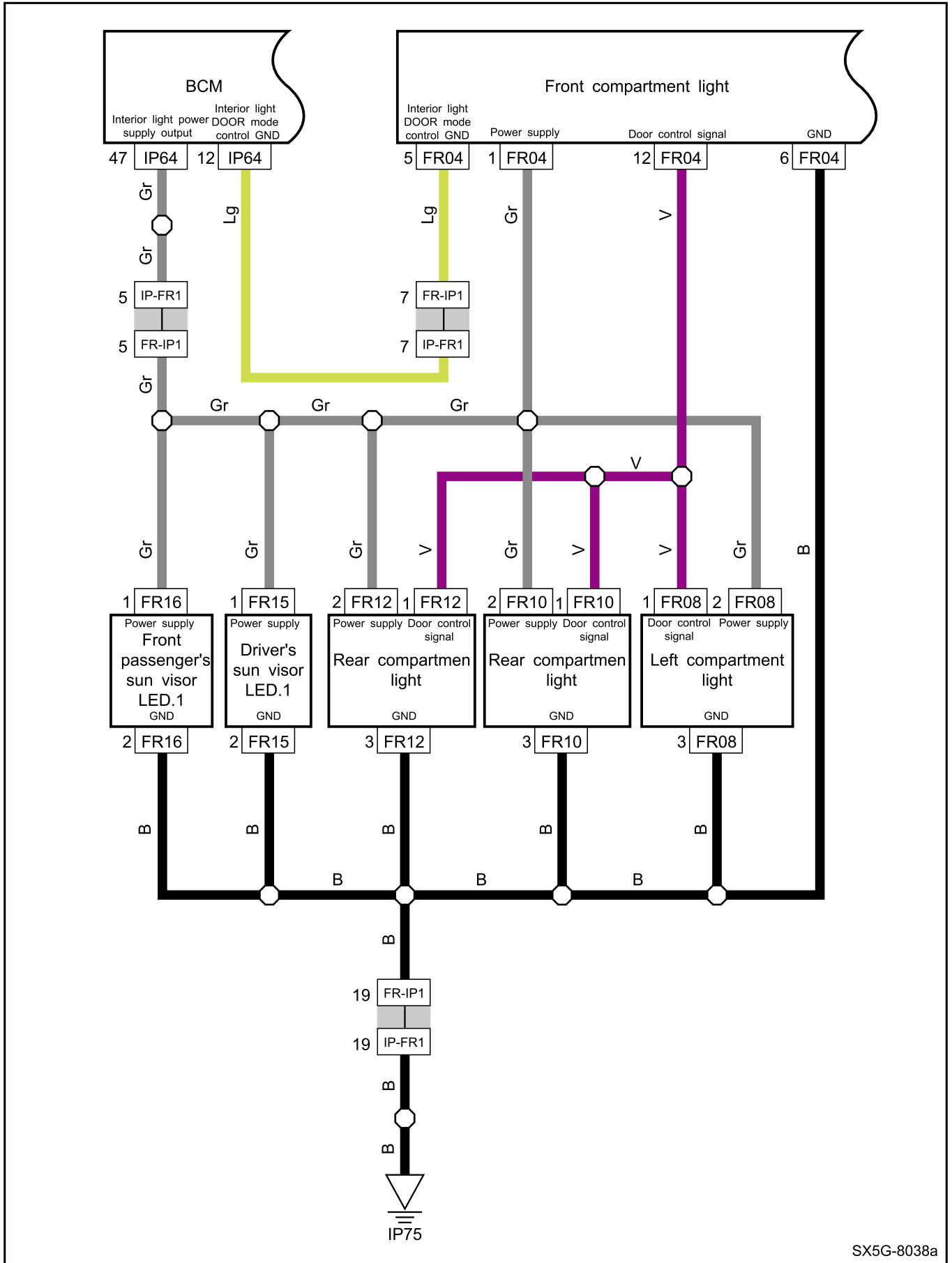
Daytime running light



SX5G-8037a

Harness connector	Name	Page
FB16	GND point 2	133
FB17	Body GND point 3	133
FB31	Left daytime running light	35
FB35	Right daytime running light	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP65	BCM-J3	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

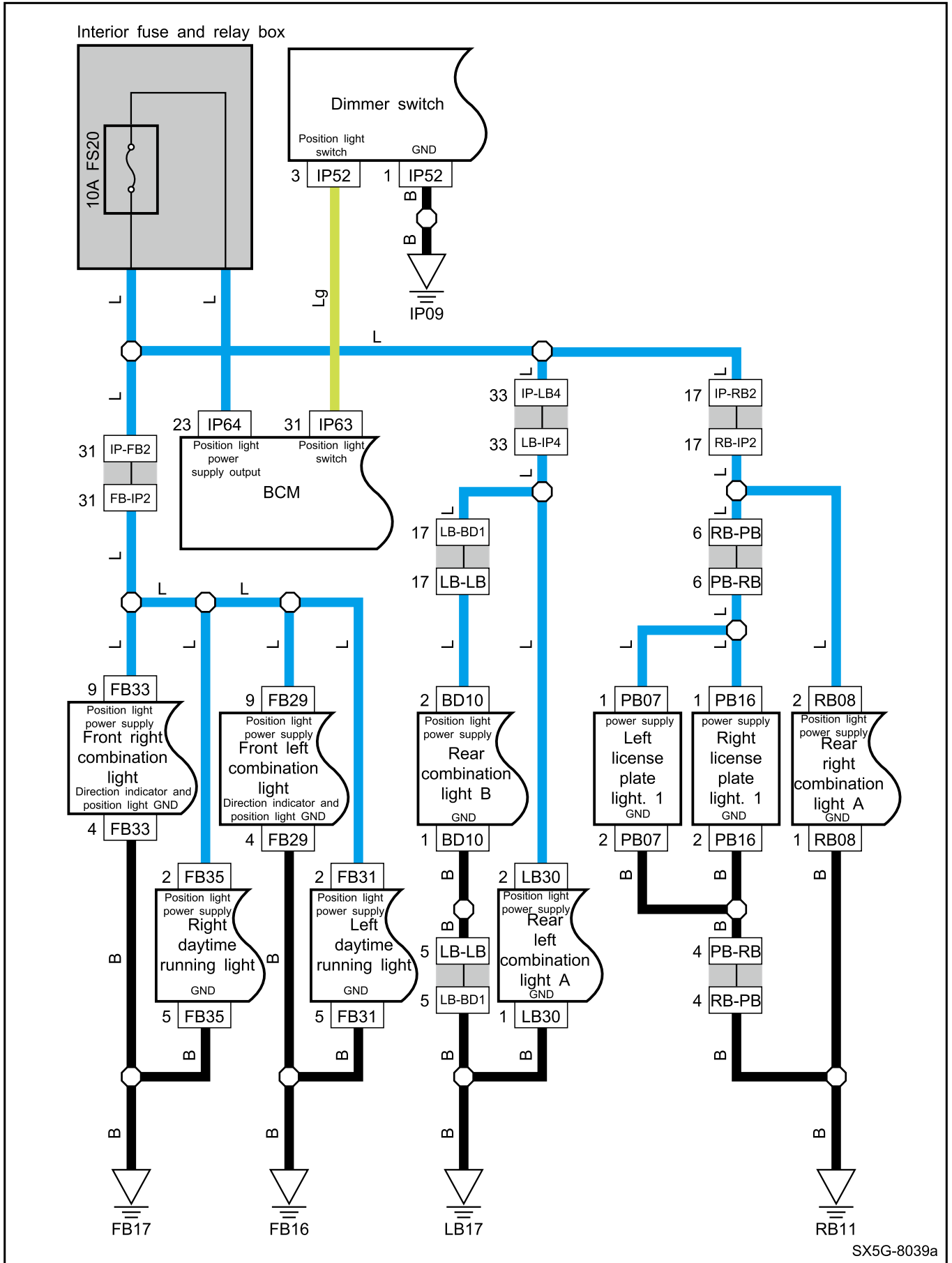
Interior light



SX5G-8038a

Harness connector	Name	Page
FR04	Front compartment light	78
FR08	Left compartment light	78
FR10	Right compartment light	78
FR12	Rear compartment light	78
FR15	Driver's sun visor LED.1	78
FR16	Front passenger's sun visor LED.1	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP64	BCM-J2	53
IP75	Merged GND point 2	134
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

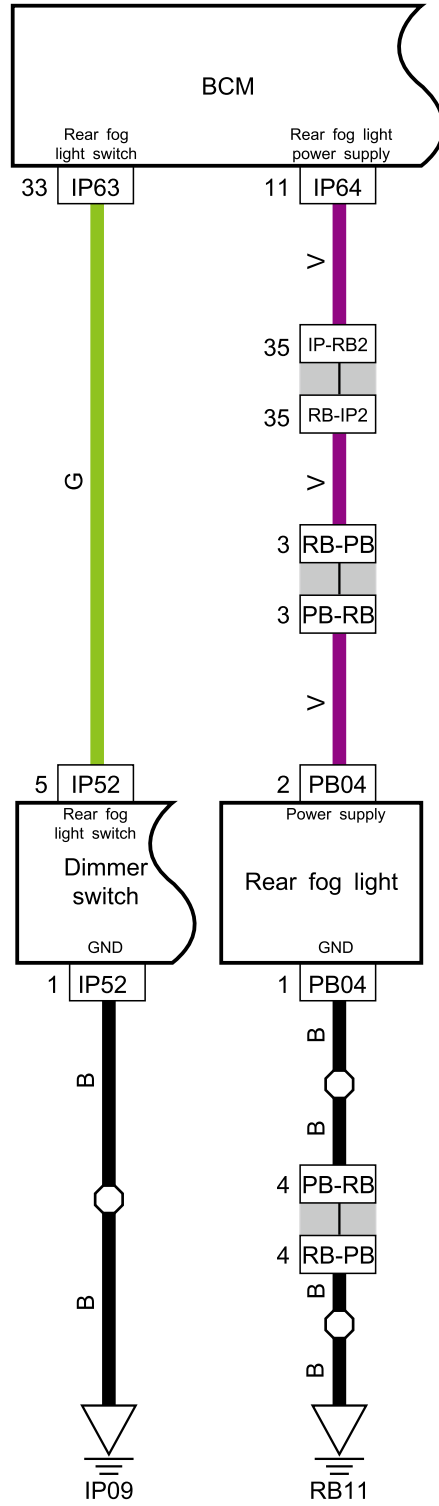
Position light



SX5G-8039a

Harness connector	Name	Page
BD10	Rear combination light B	87
FB16	GND point 2	133
FB17	Body GND point 3	133
FB29	Front left combination light	35
FB31	Left daytime running light	35
FB33	Front right combination light	35
FB35	Right daytime running light	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP09	Merged GND point 3-2	134
IP52	Dimmer switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
LB17	Body GND point	135
LB30	Rear left combination light A	85
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87
PB07	Left license plate light. 1	83
PB16	Right license plate light . 1	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB08	Rear right combination light A	86
RB11	Body GND point 1.1	136
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

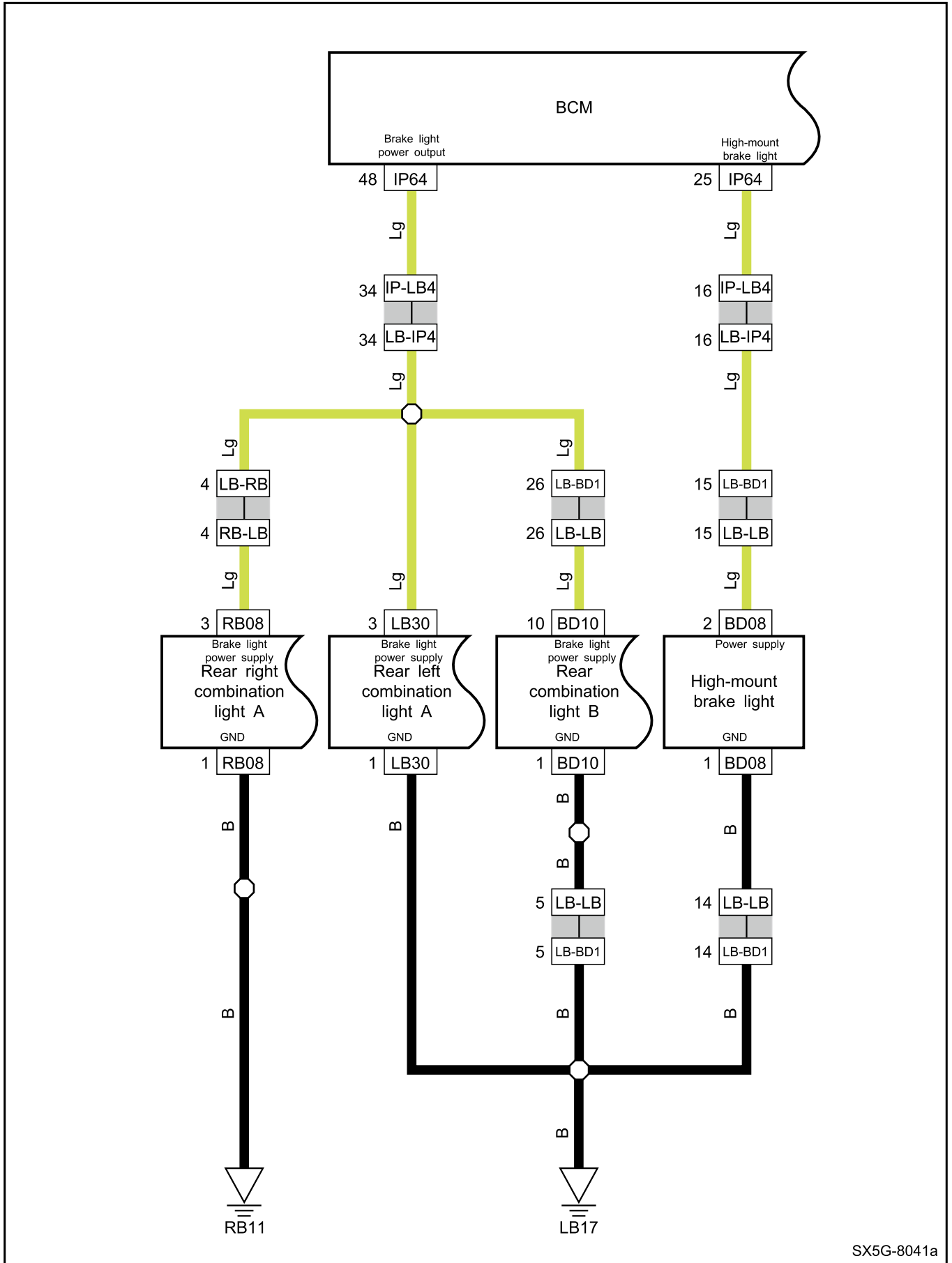
Fog light



SX5G-8040a

Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP52	Dimmer switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
PB04	Rear fog light	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB11	Body GND point 1.1	136
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

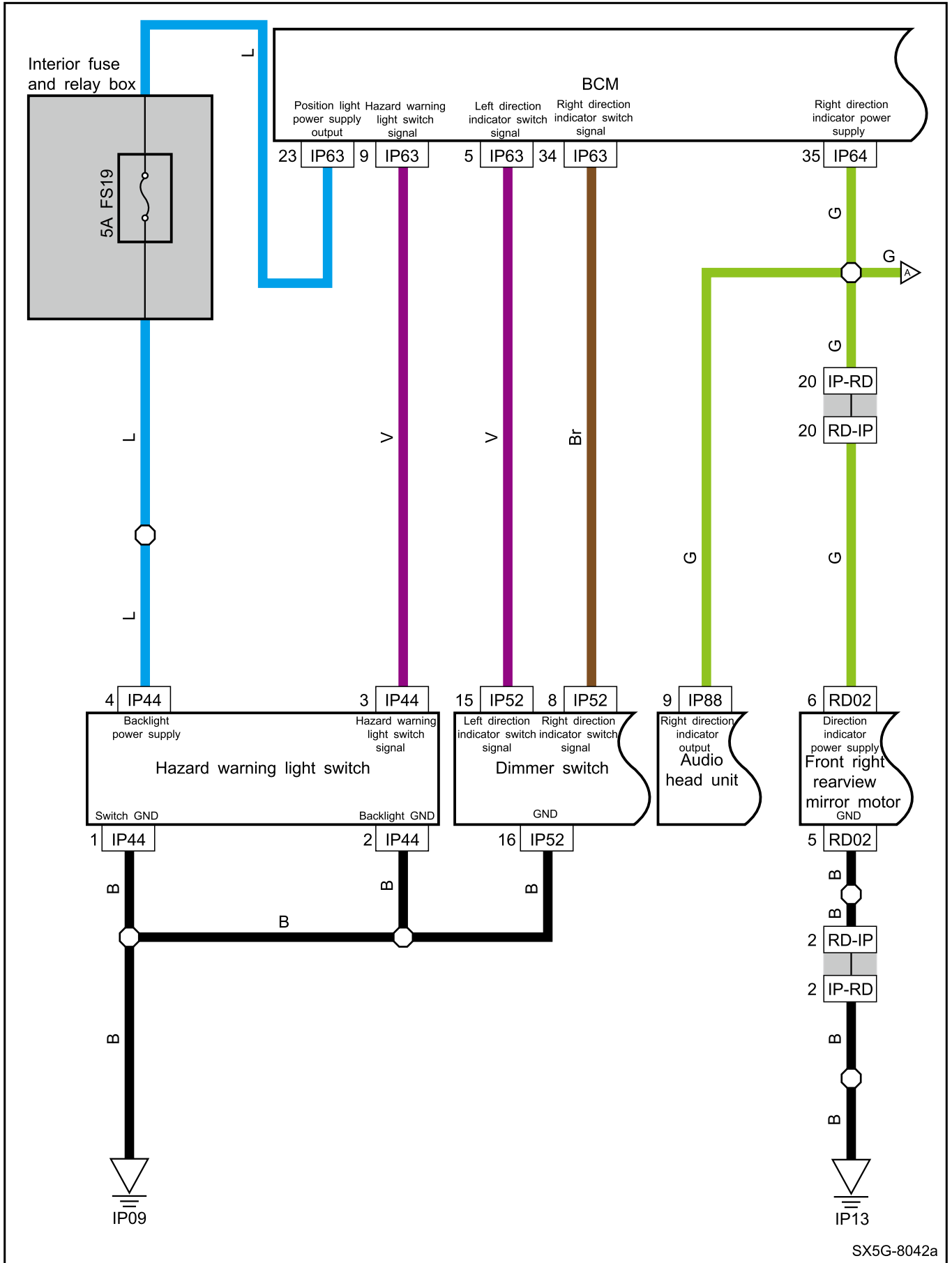
Brake light



SX5G-8041a

Harness connector	Name	Page
BD08	High-mount brake light	87
BD10	Rear combination light B	87
IP64	BCM-J2	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB17	Body GND point	135
LB30	Rear left combination light A	85
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87
LB-RB	Left body wiring harness-right body wiring harness	85
RB08	Rear right combination light A	86
RB11	Body GND point 1.1	136
RB-LB	Right body wiring harness-left body wiring harness	86

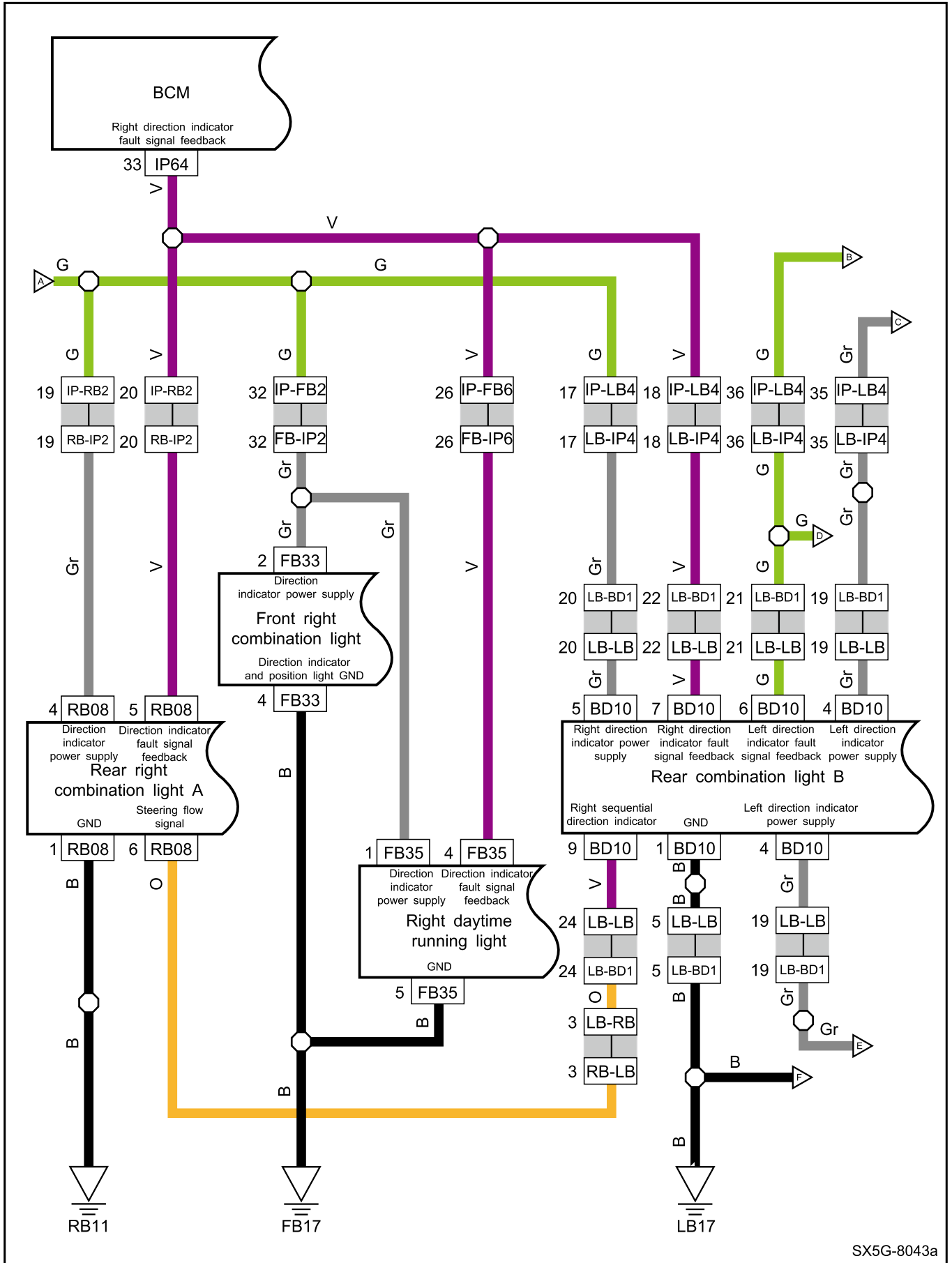
Direction indicator and hazard warning light 1



Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP13	Merged GND point 6-2.1	134
IP44	Hazard warning light switch	53
IP52	Dimmer switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53
IP88	Audio head unit C	54
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RD02	Front right rearview mirror motor	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

Connection point	Description	Page
A	TO Direction indicator and hazard warning light 2	257

Direction indicator and hazard warning light 2

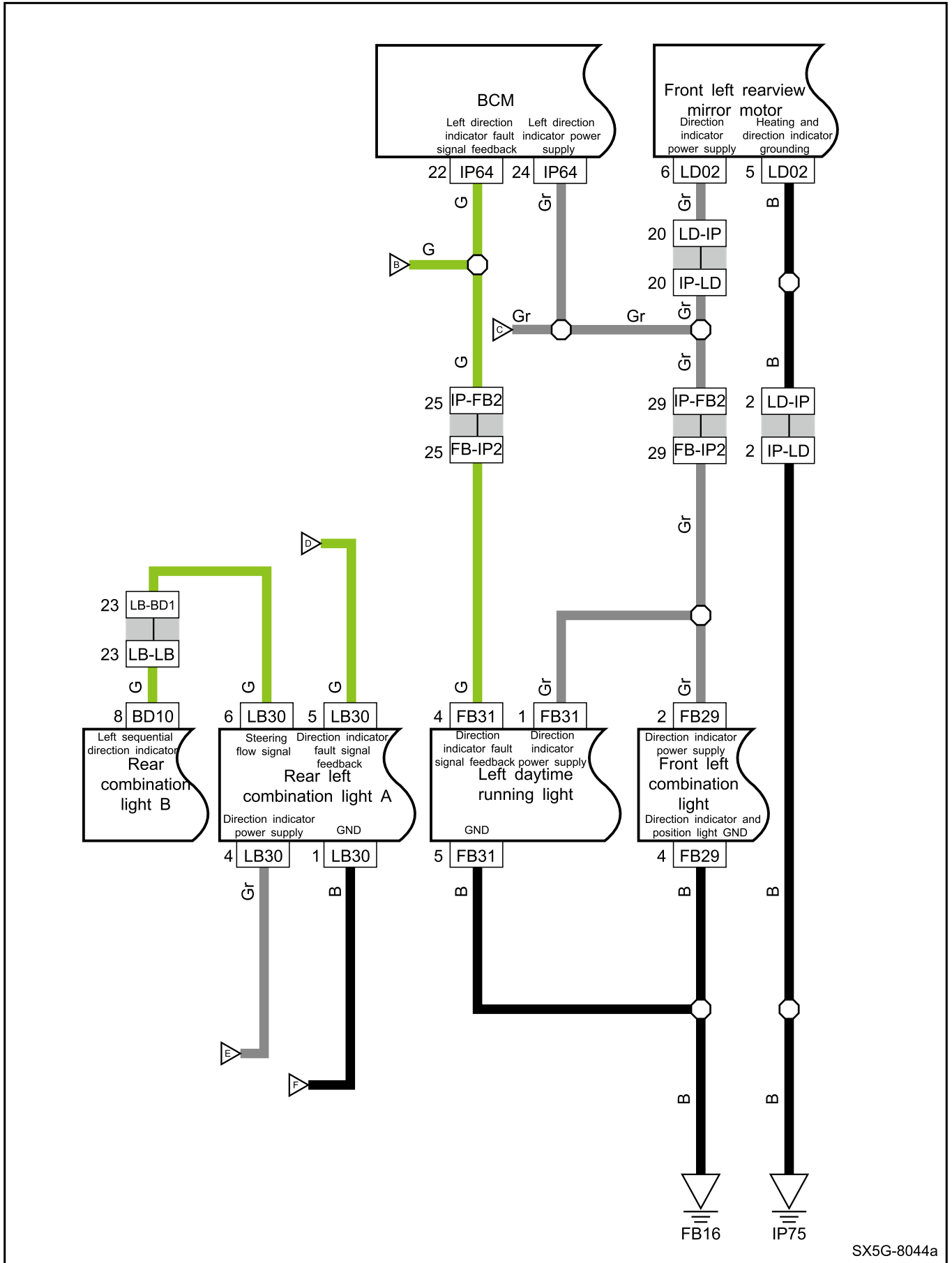


SX5G-8043a

Harness connector	Name	Page
BD10	Rear combination light B	87
FB17	Body GND point 3	133
FB33	Front right combination light	35
FB35	Right daytime running light	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP64	BCM-J2	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
LB17	Body GND point	135
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87
LB-RB	Left body wiring harness-right body wiring harness	85
RB08	Rear right combination light A	86
RB11	Body GND point 1.1	136
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-LB	Right body wiring harness-left body wiring harness	86

Connection point	Description	Page
A	TO Direction indicator and hazard warning light 1	255
B	TO Direction indicator and hazard warning light 3	259
C	TO Direction indicator and hazard warning light 3	259
D	TO Direction indicator and hazard warning light 3	259
E	TO Direction indicator and hazard warning light 3	259
F	TO Direction indicator and hazard warning light 3	259

Direction indicator and hazard warning light 3

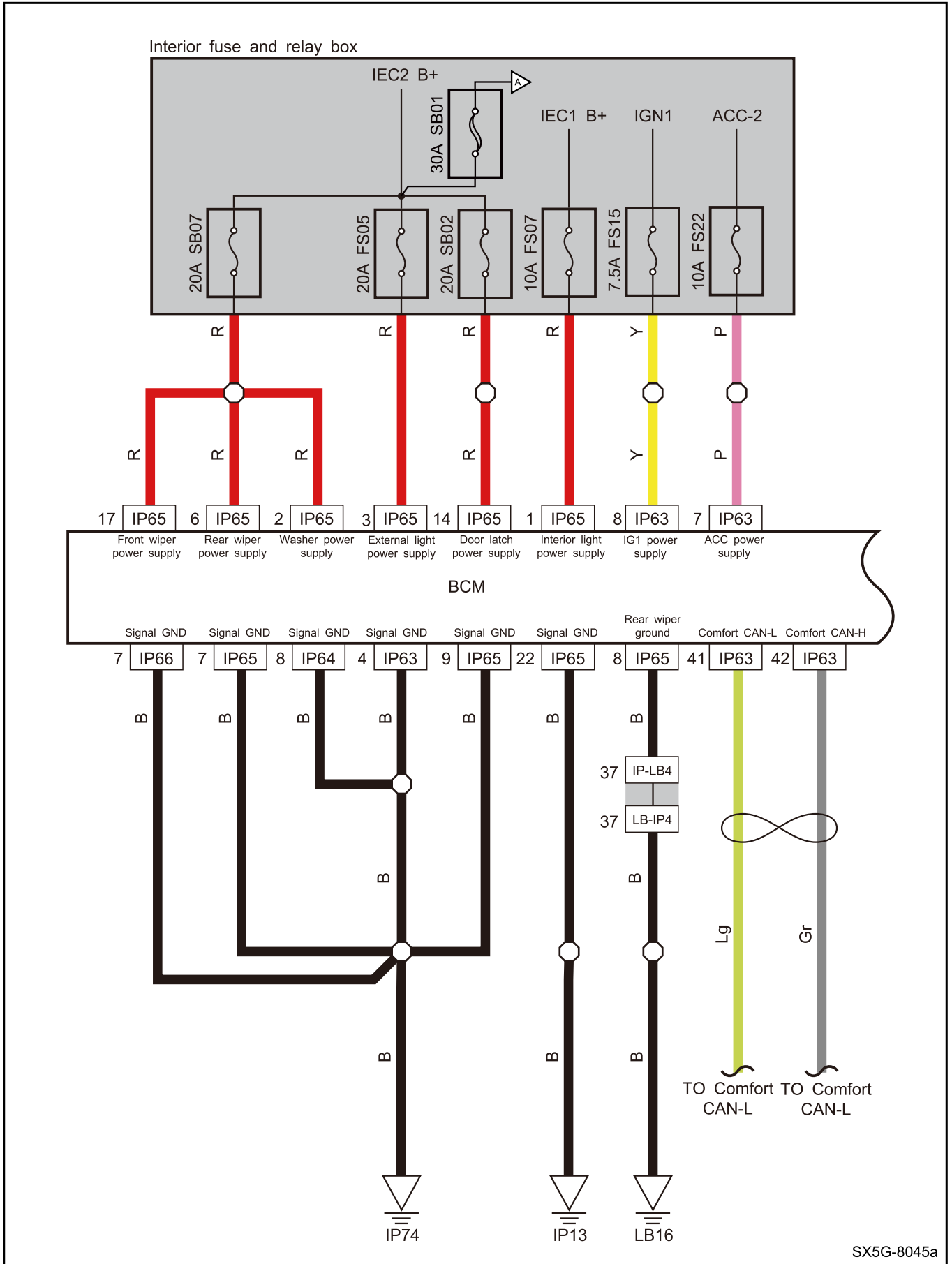


SX5G-8044a

Harness connector	Name	Page
BD10	Rear combination light B	87
FB16	GND point 2	133
FB29	Front left combination light	35
FB31	Left daytime running light	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP64	BCM-J2	53
IP75	Merged GND point 2	134
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LB30	Rear left combination light A	85
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87
LD02	Front left rearview mirror motor	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112

Connection point	Description	Page
B	TO Direction indicator and hazard warning light 2	257
C	TO Direction indicator and hazard warning light 2	257
D	TO Direction indicator and hazard warning light 2	257
E	TO Direction indicator and hazard warning light 2	257
F	TO Direction indicator and hazard warning light 2	257

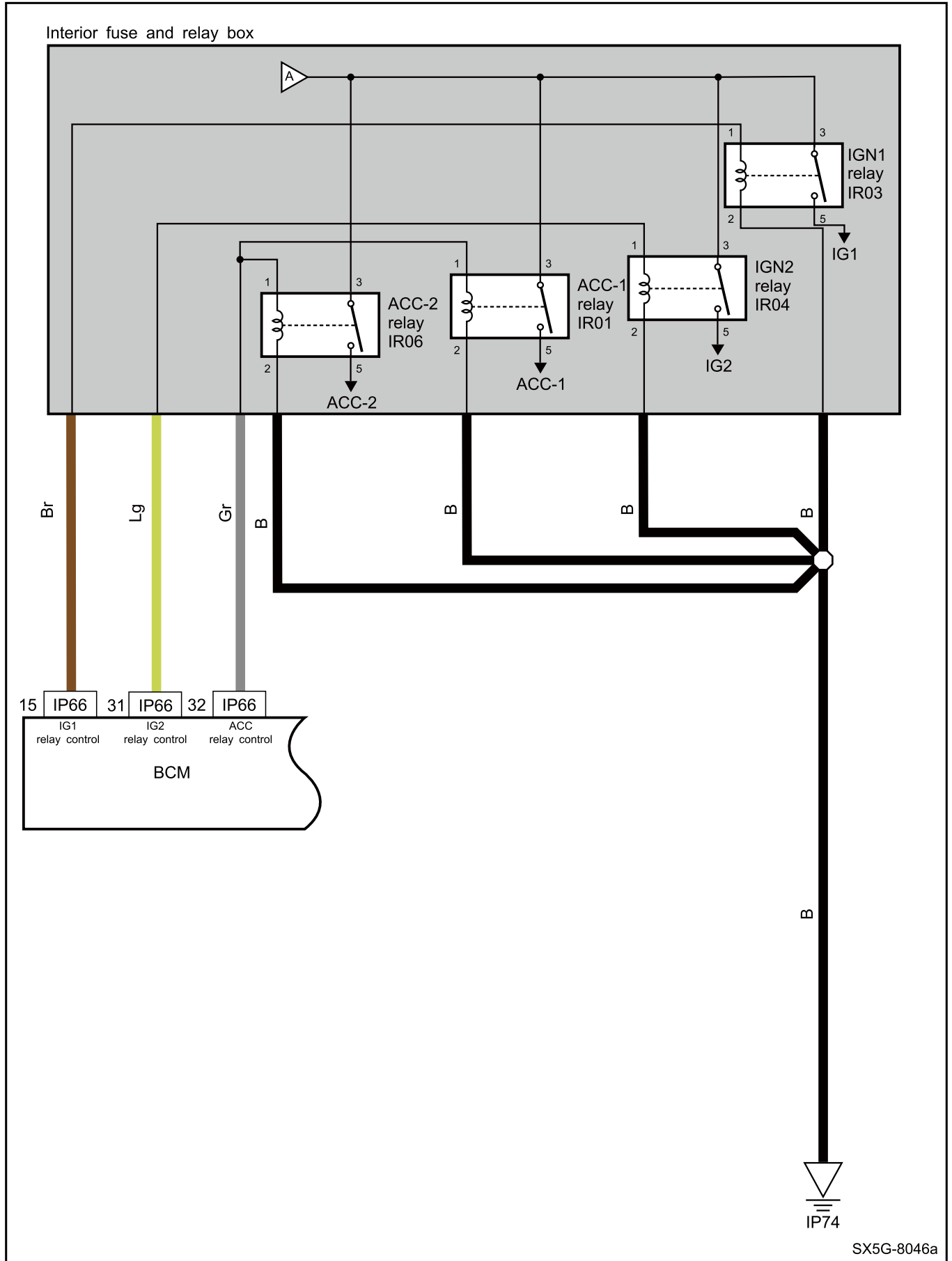
BCM power, ground and data cable 1



Harness connector	Name	Page
IP13	Merged GND point 6-2.1	134
IP63	BCM-J1	53
IP64	BCM-J2	53
IP65	BCM-J3	53
IP66	BCM-J4	53
IP74	Merged GND points 1-2	134
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB16	Body GND point	135
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
A	TO BCM power, ground and data cable 2	263
IP63-41	TO Comfort CAN-L	387
IP63-42	TO Comfort CAN-H	387

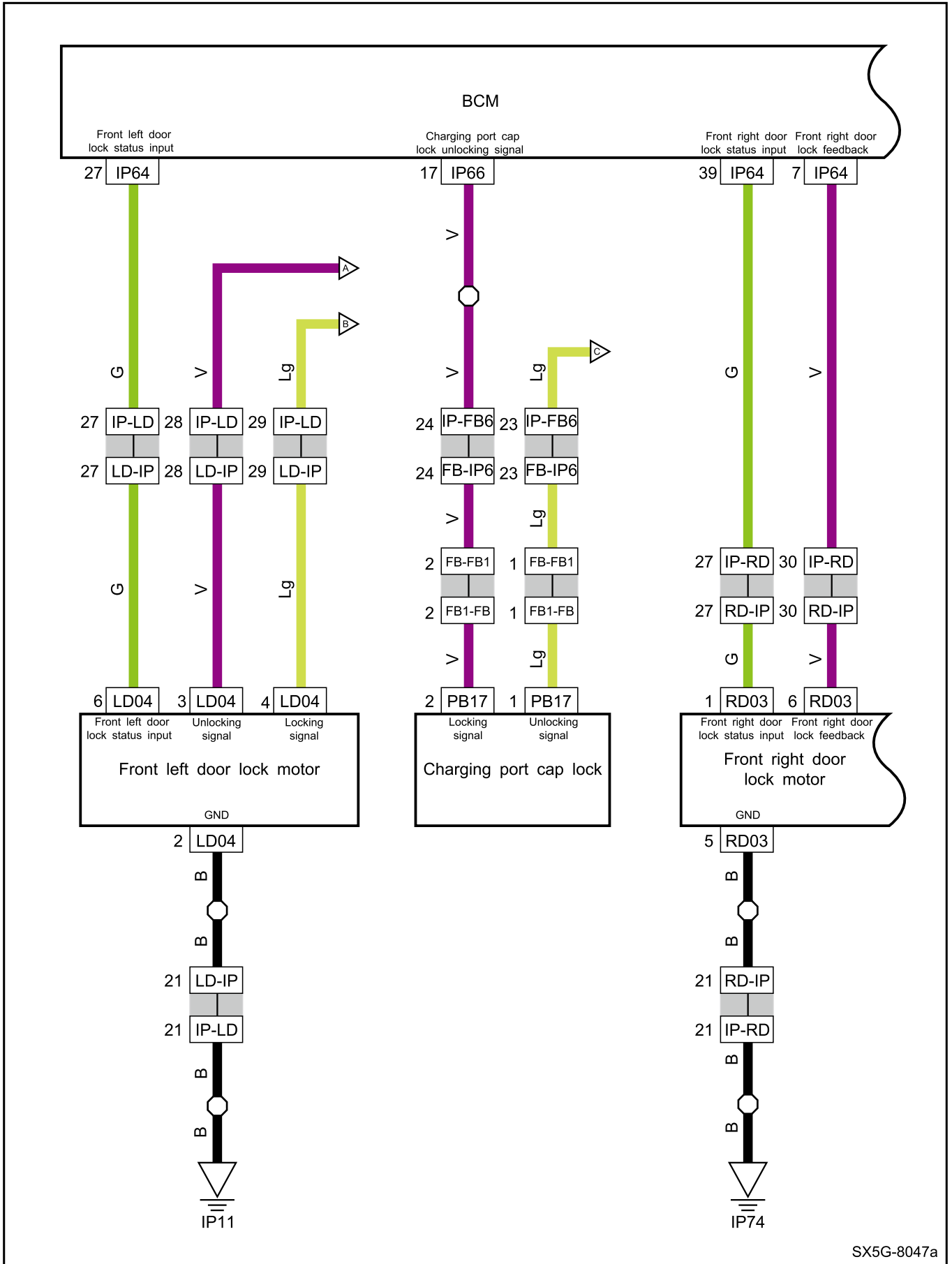
BCM power, ground and data cable 2



Harness connector	Name	Page
IP66	BCM-J4	53
IP74	Merged GND points 1-2	134

Connection point	Description	Page
A	TO BCM power, ground and data cable 1	261

Door lock system 1

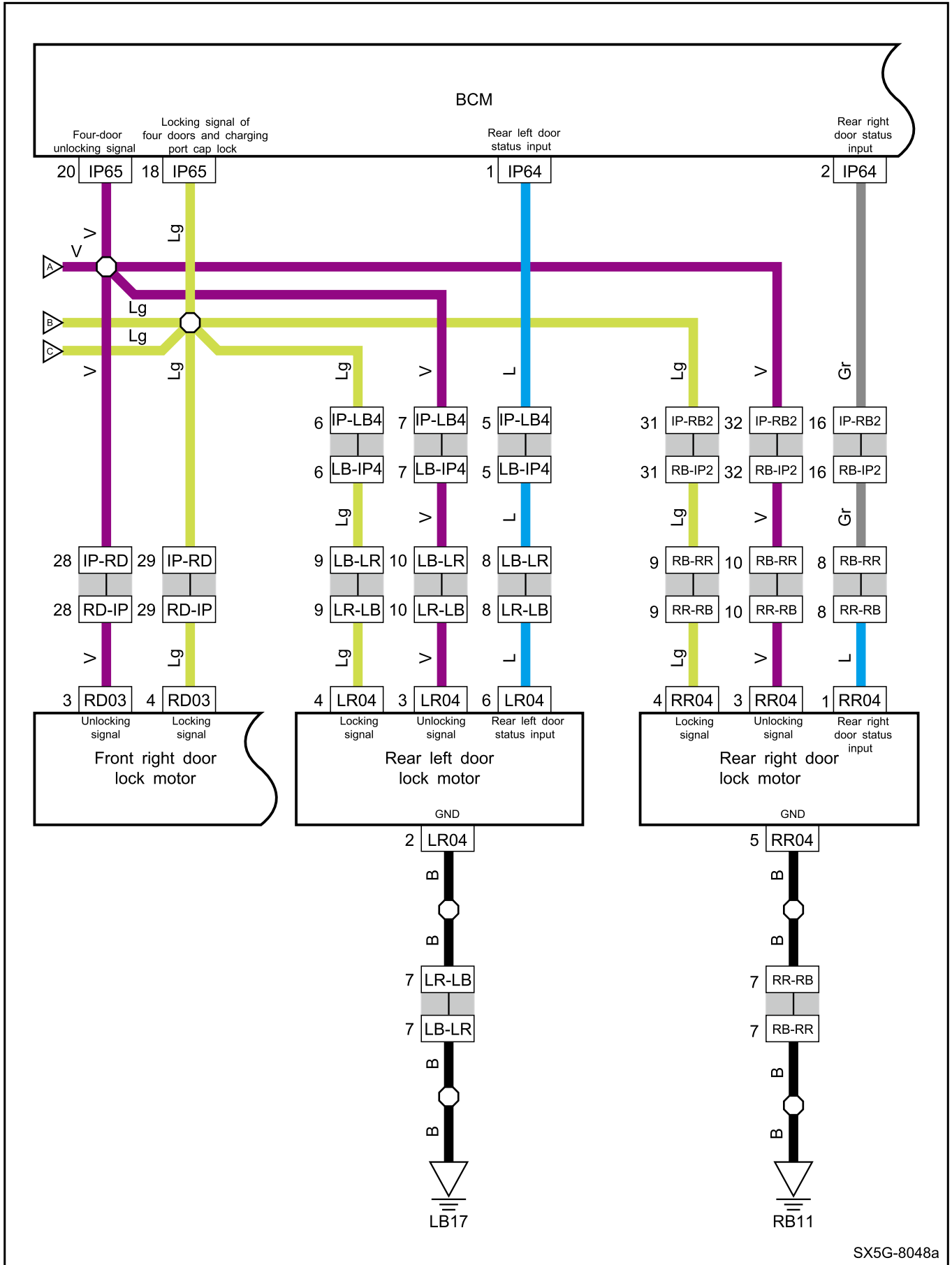


SX5G-8047a

Harness connector	Name	Page
FB1-FB	Front bumper wiring harness-engine compartment wiring harness	36
FB-FB1	Engine compartment wiring harness-front bumper wiring harness	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP11	Merged GND point 5	134
IP64	BCM-J2	53
IP66	BCM-J4	53
IP74	Merged GND points 1-2	134
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LD04	Front left door lock motor	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
PB17	Charging port cap lock	36
RD03	Front right door lock motor	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

Connection point	Description	Page
A	TO Door lock system 2	267
B	TO Door lock system 2	267
C	TO Door lock system 2	267

Door lock system 2

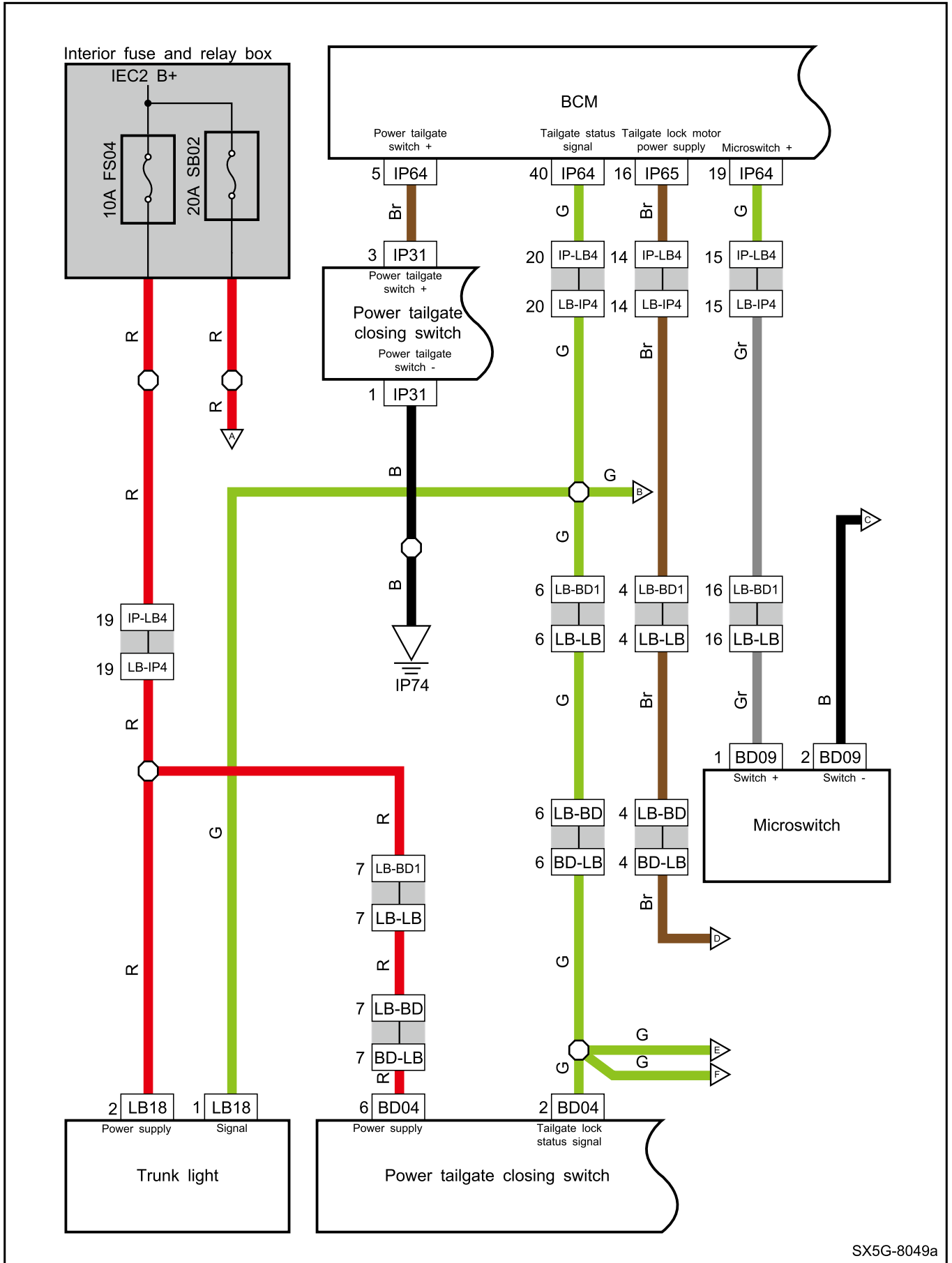


SX5G-8048a

Harness connector	Name	Page
IP64	BCM-J2	53
IP65	BCM-J3	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LB17	Body GND point	135
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LR	Left body wiring harness-rear door wiring harness	85
LR04	Rear left door lock motor	114
LR-LB	Left rear door wiring harness-left body wiring harness	114
RB11	Body GND point 1.1	136
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-RR	Right body wiring harness-right rear door wiring harness	86
RD03	Front right door lock motor	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RR04	Rear right door lock motor	115
RR-RB	Right rear door wiring harness-right body wiring harness	115

Connection point	Description	Page
A	TO Door lock system 1	265
B	TO Door lock system 1	265
C	TO Door lock system 1	265

Tailgate lock 1

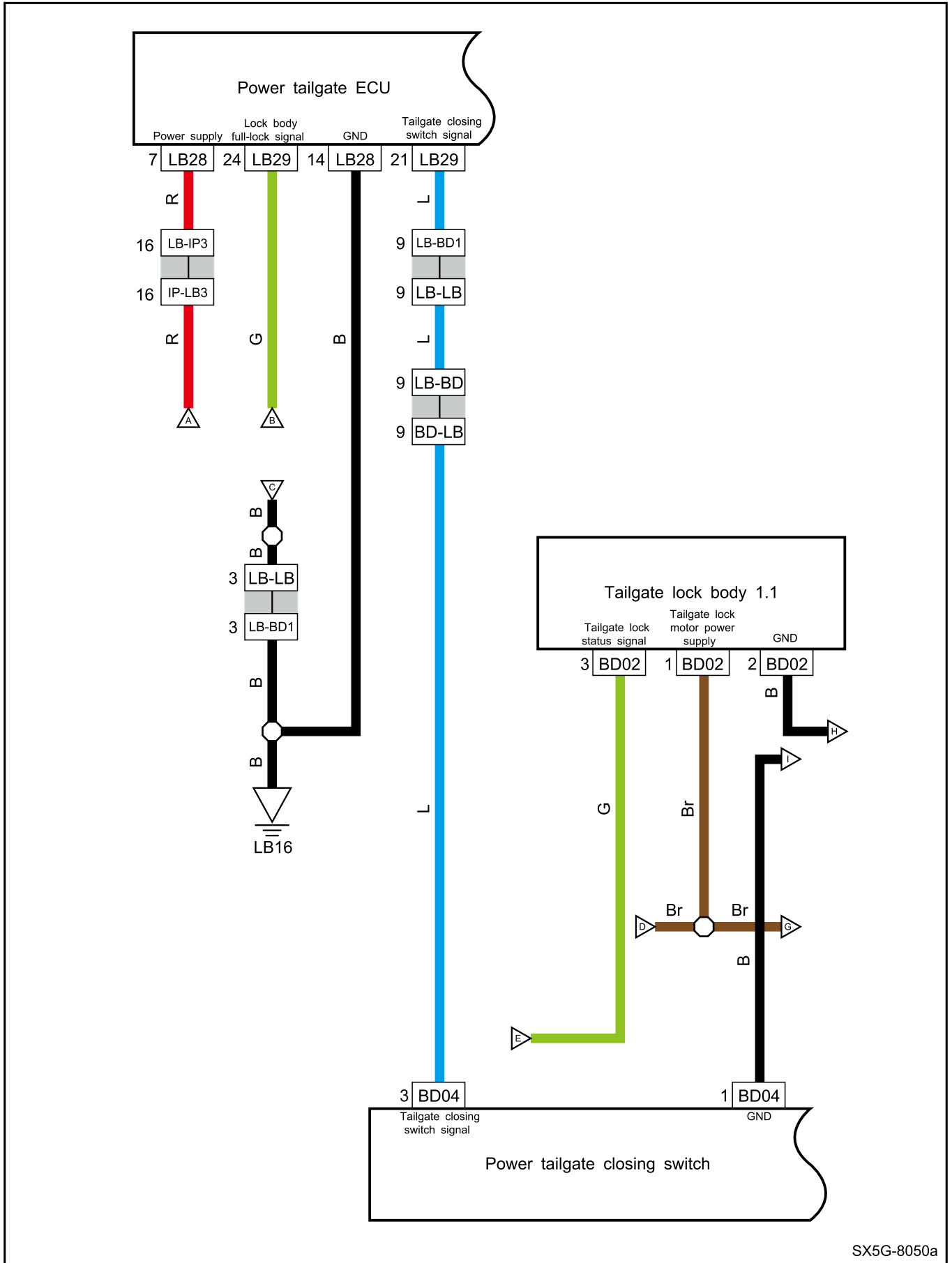


SX5G-8049a

Harness connector	Name	Page
BD04	Power tailgate closing switch	87
BD09	Microswitch	87
BD-LB	Tailgate wiring harness-left body wiring harness	87
IP31	Power tailgate switch	53
IP64	BCM-J2	53
IP65	BCM-J3	53
IP74	Merged GND points 1-2	134
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB18	Trunk light	85
LB-BD	Left body wiring harness-rear door wiring harness	87
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

Connection point	Description	Page
A	TO Tailgate lock 2	271
B	TO Tailgate lock 2	271
C	TO Tailgate lock 2	271
D	TO Tailgate lock 2	271
E	TO Tailgate lock 2	271
F	TO Tailgate lock 3	273

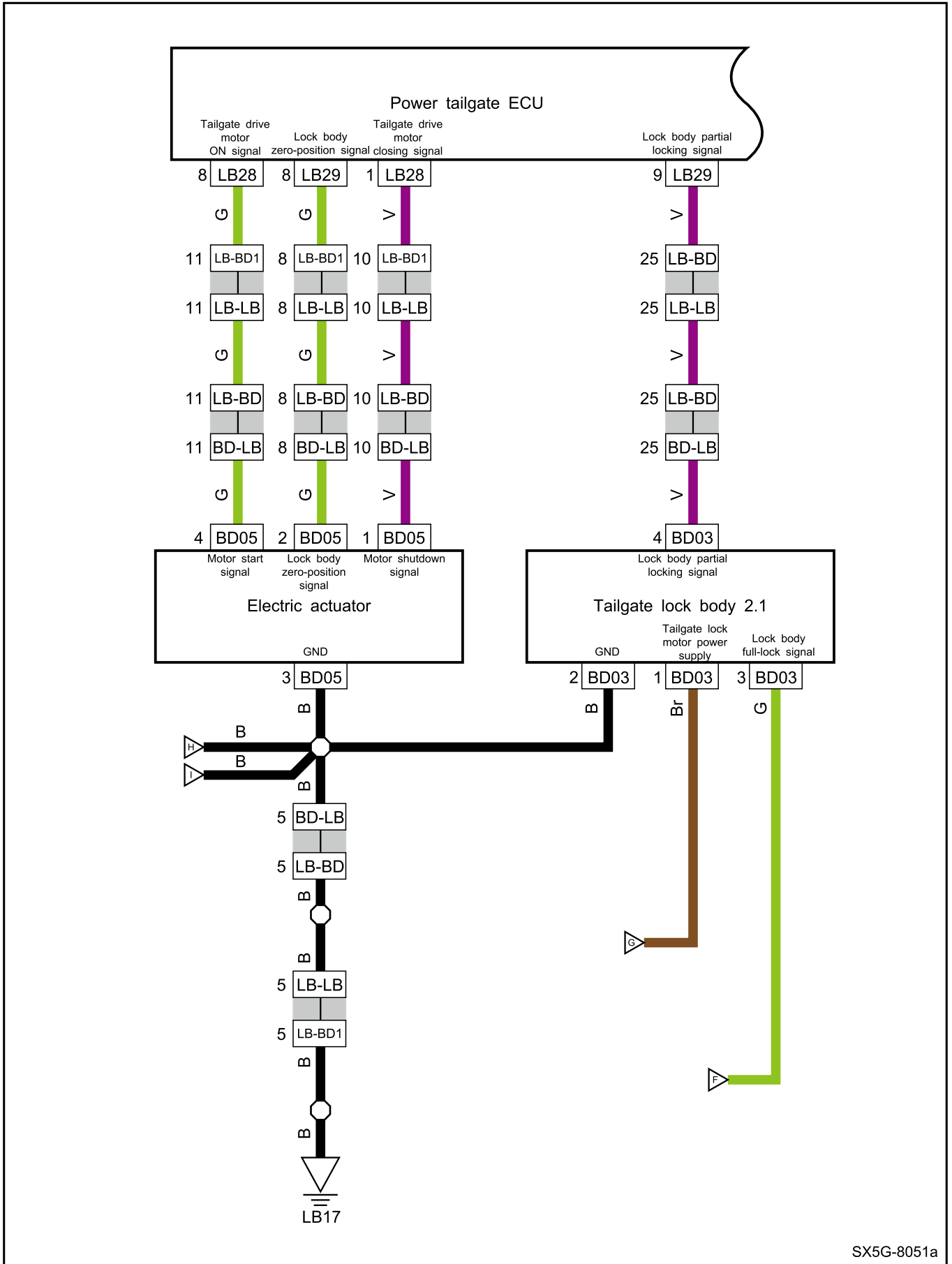
Tailgate lock 2



Harness connector	Name	Page
BD02	Tailgate lock body 1.1	87
BD04	Power tailgate closing switch	87
BD-LB	Tailgate wiring harness-left body wiring harness	87
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
LB16	Body GND point	135
LB28	Power tailgate ECU A	85
LB29	Power tailgate ECU B	85
LB-BD	Left body wiring harness-rear door wiring harness	87
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

Connection point	Description	Page
A	TO Tailgate lock 1	269
B	TO Tailgate lock 1	269
C	TO Tailgate lock 1	269
D	TO Tailgate lock 1	269
E	TO Tailgate lock 1	269
G	TO Tailgate lock 3	273
H	TO Tailgate lock 3	273
I	TO Tailgate lock 3	273

Tailgate lock 3

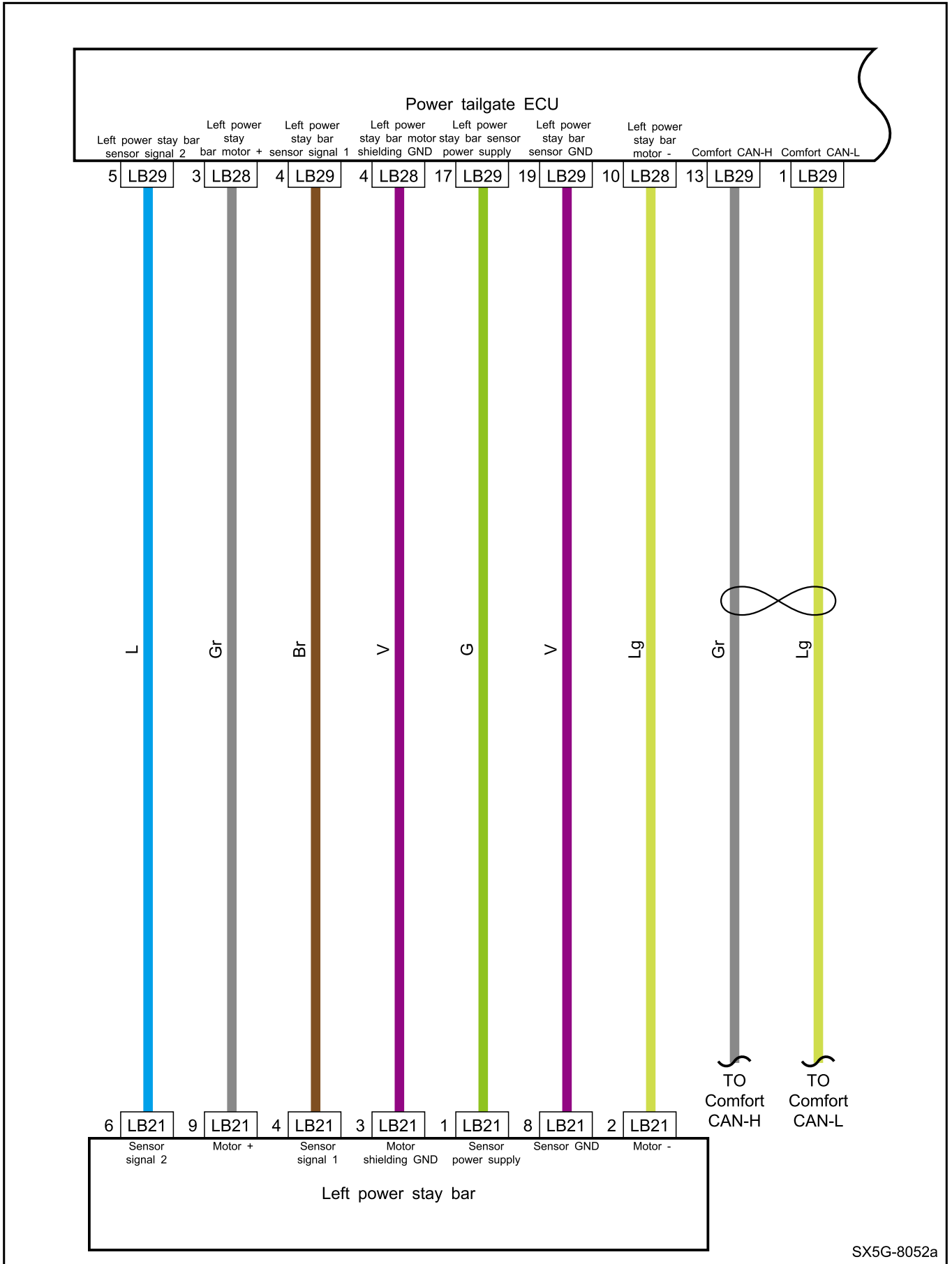


SX5G-8051a

Harness connector	Name	Page
BD03	Tailgate lock body 2.1	87
BD05	Electric actuator	87
BD-LB	Tailgate wiring harness-left body wiring harness	87
LB17	Body GND point	135
LB28	Power tailgate ECU A	85
LB29	Power tailgate ECU B	85
LB-BD	Left body wiring harness-rear door wiring harness	87
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

Connection point	Description	Page
F	TO Tailgate lock 1	269
G	TO Tailgate lock 2	271
H	TO Tailgate lock 2	271
I	TO Tailgate lock 2	271

Tailgate lock 4

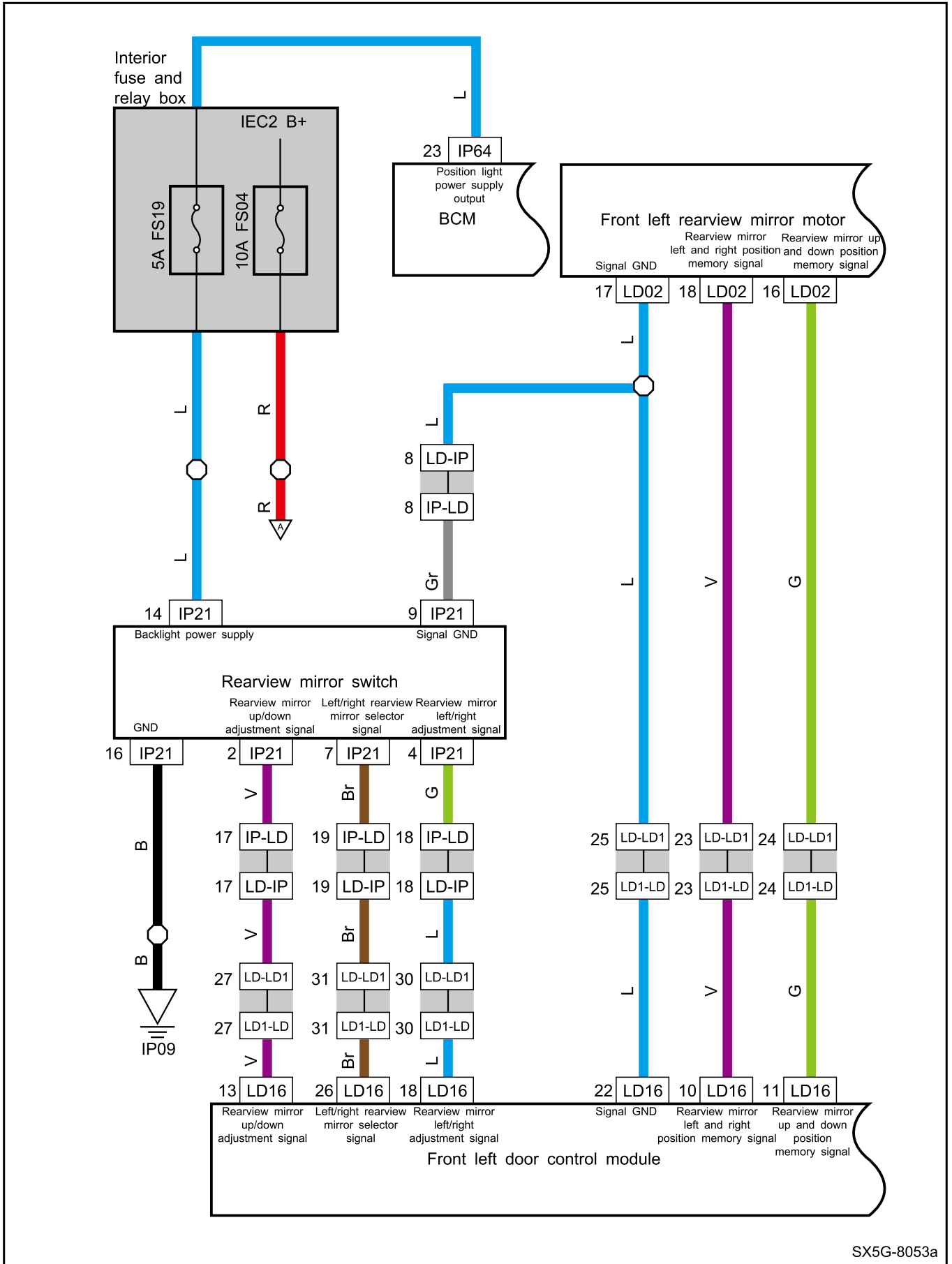


SX5G-8052a

Harness connector	Name	Page
LB21	Left power stay bar	85
LB28	Power tailgate ECU A	85
LB29	Power tailgate ECU B	85

Connection point	Description	Page
LB29-13	TO Comfort CAN-H	387
LB29-1	TO Comfort CAN-L	387

Rearview mirror control system 1

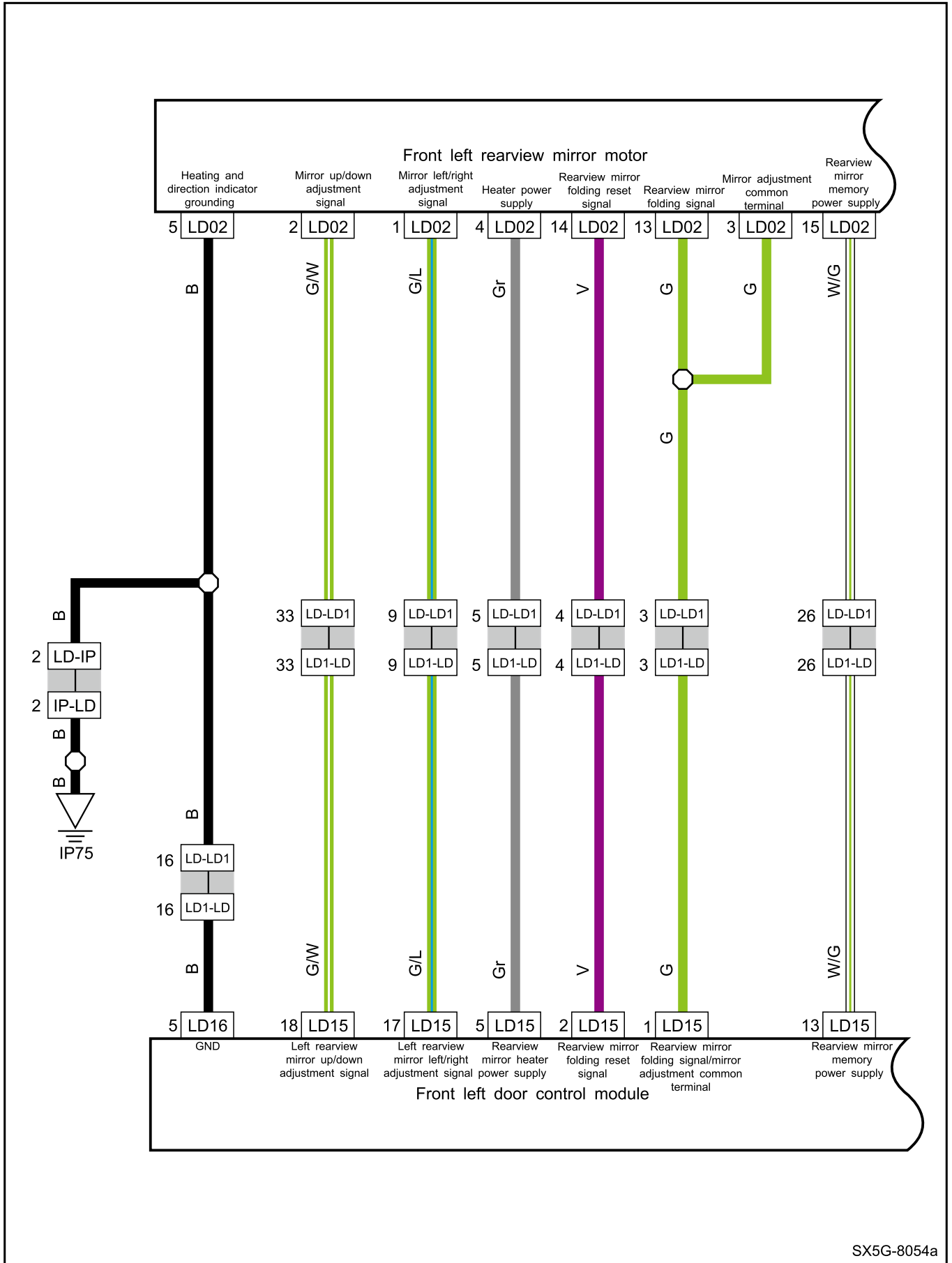


SX5G-8053a

Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP21	Rearview mirror switch	53
IP64	BCM-J2	53
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD02	Front left rearview mirror motor	112
LD16	Front left door control module R	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112

Connection point	Description	Page
A	TO Rearview mirror control system 3	281

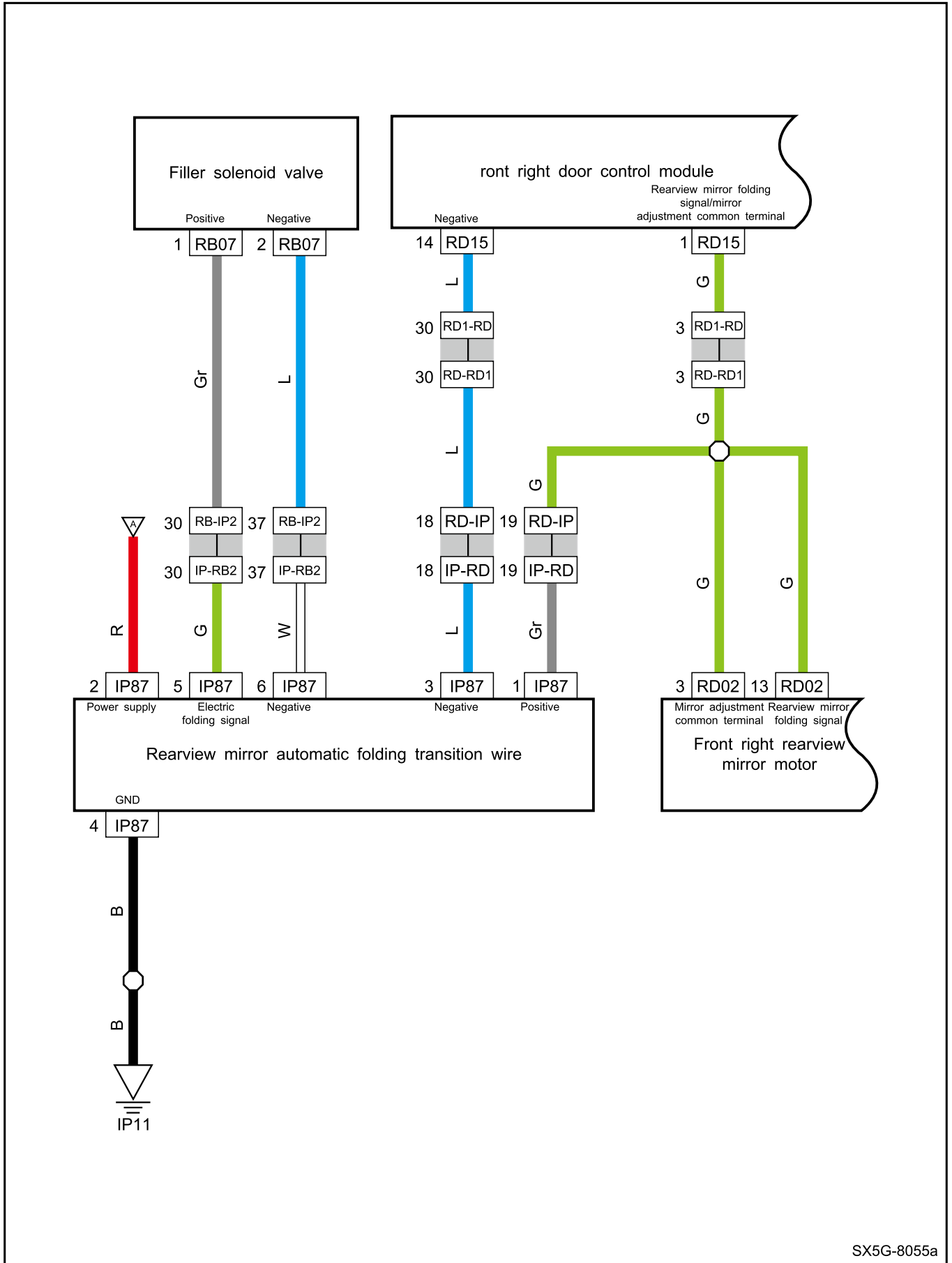
Rearview mirror control system 2



SX5G-8054a

Harness connector	Name	Page
IP75	Merged GND point 2	134
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD02	Front left rearview mirror motor	112
LD15	Front left door control module L	112
LD16	Front left door control module R	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112

Rearview mirror control system 3

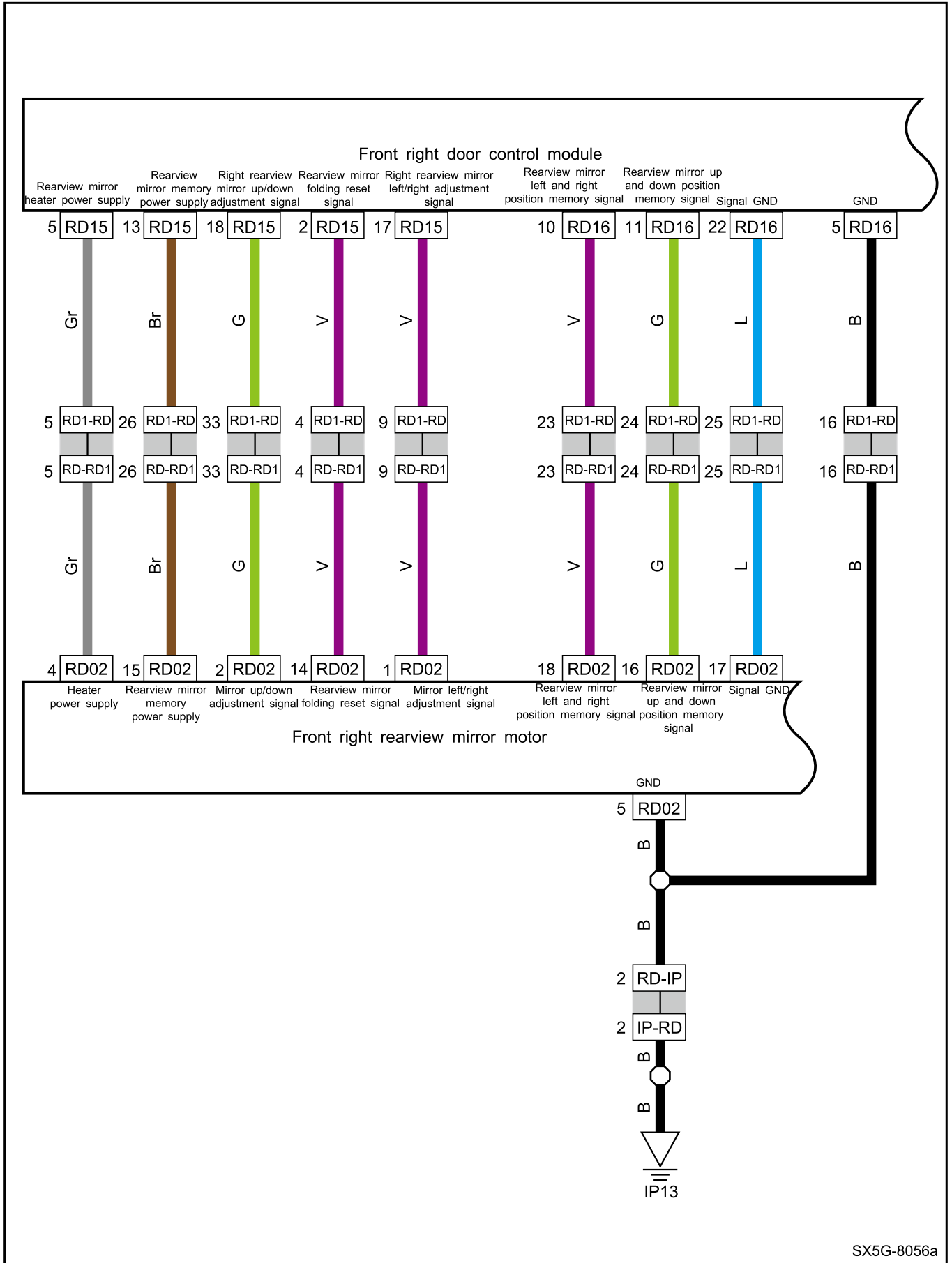


SX5G-8055a

Harness connector	Name	Page
IP11	Merged GND point 5	134
IP87	Rearview mirror automatic folding transition wire	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RB07	Filler solenoid valve	86
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD02	Front right rearview mirror motor	113
RD15	Front right door control module L	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

Connection point	Description	Page
A	TO Rearview mirror control system 1	277

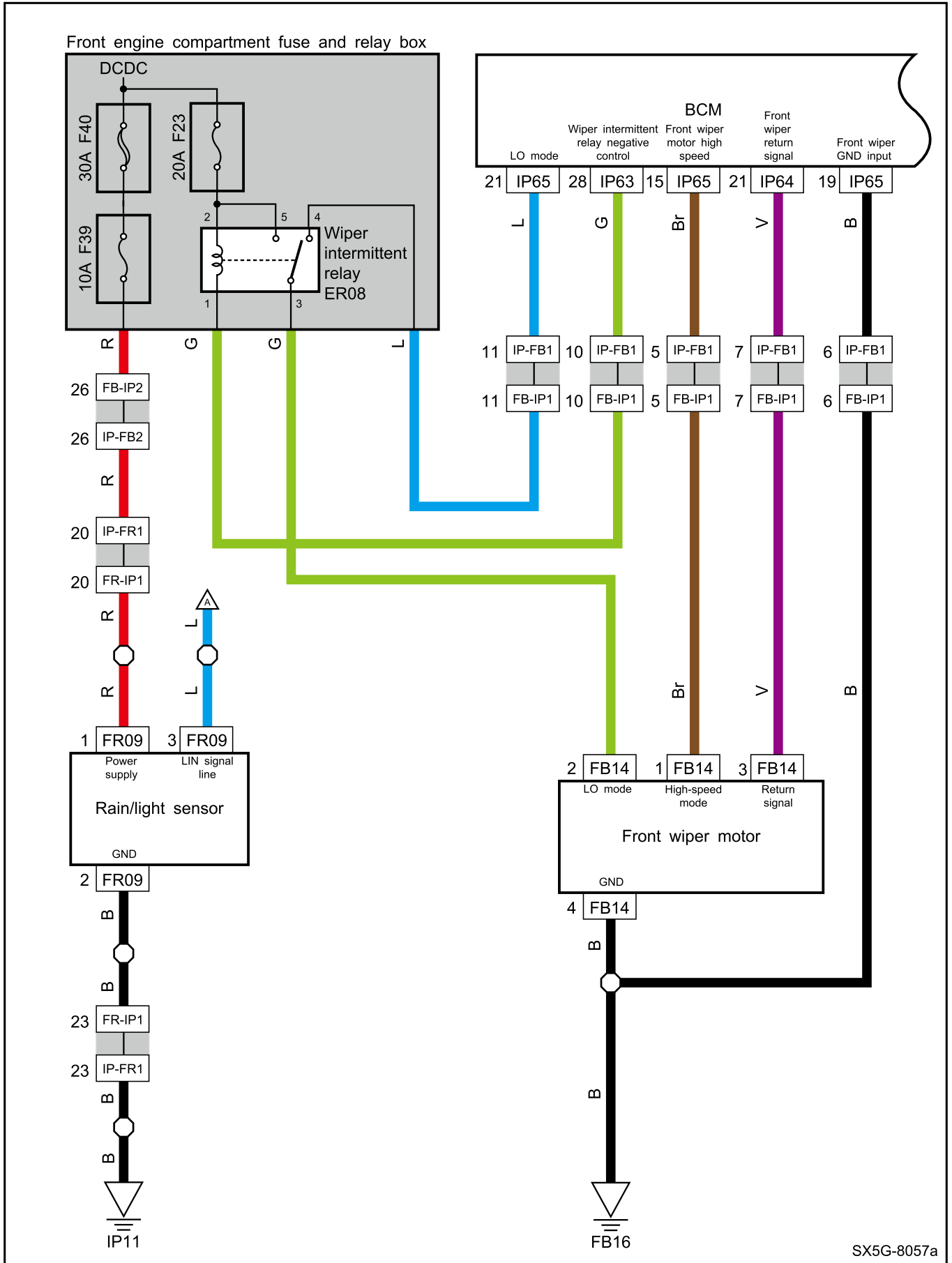
Rearview mirror control system 4



Harness connector	Name	Page
IP13	Merged GND point 6-2.1	134
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD02	Front right rearview mirror motor	113
RD15	Front right door control module L	113
RD16	Front right door control module R	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

13.8.10 Windscreen wiper and washing control system

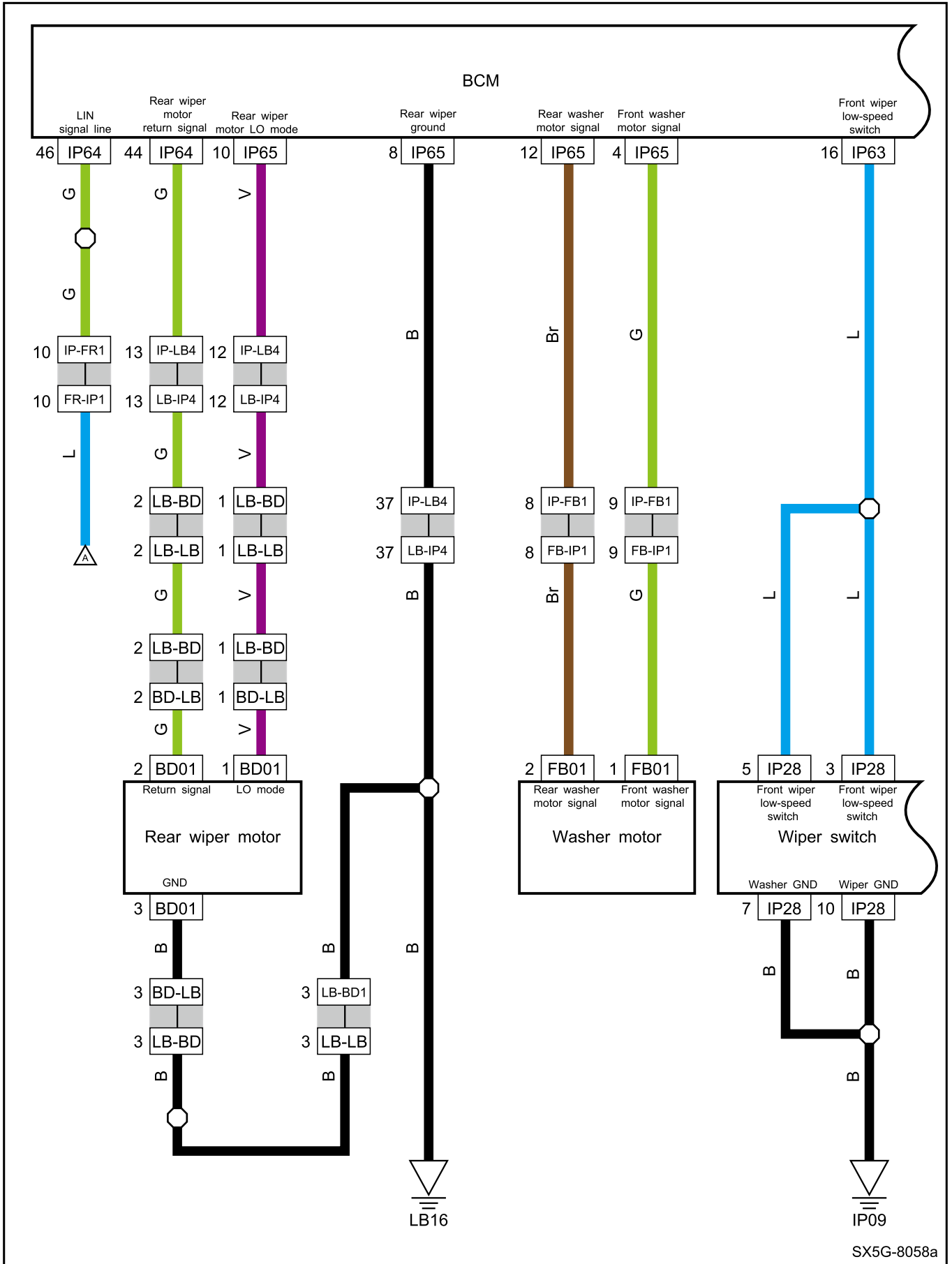
Wiper control system 1



Harness connector	Name	Page
FB14	Front wiper motor	35
FB16	GND point 2	133
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR09	Rain/light sensor	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP63	BCM-J1	53
IP64	BCM-J2	53
IP65	BCM-J3	53
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

Connection point	Description	Page
A	TO Wiper control system 2	287

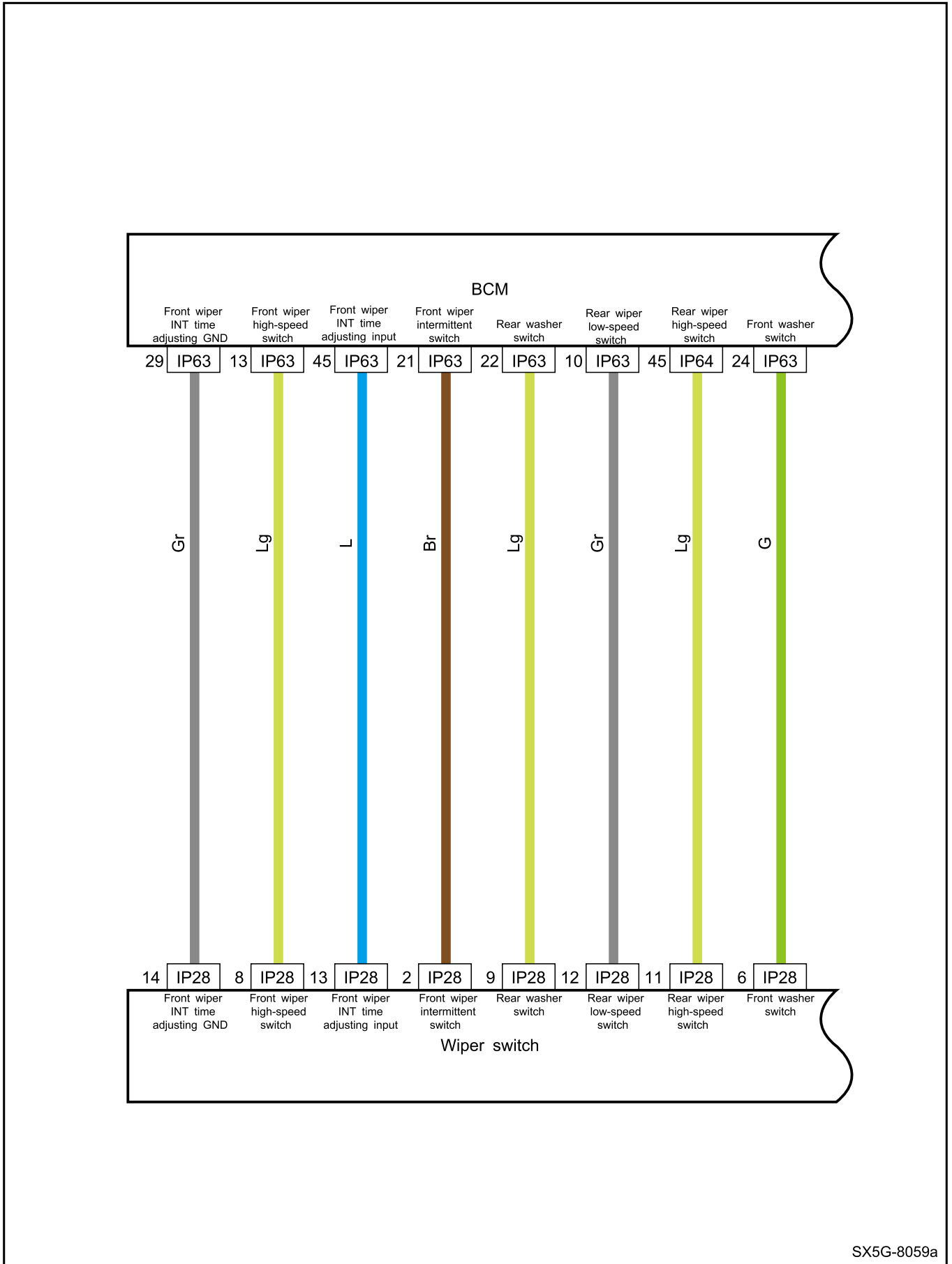
Wiper control system 2



Harness connector	Name	Page
BD01	Rear wiper motor	87
BD-LB	Tailgate wiring harness-left body wiring harness	87
FB01	Washer motor	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP09	Merged GND point 3-2	134
IP28	Wiper switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53
IP65	BCM-J3	53
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB16	Body GND point	135
LB-BD	Left body wiring harness-rear door wiring harness	87
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

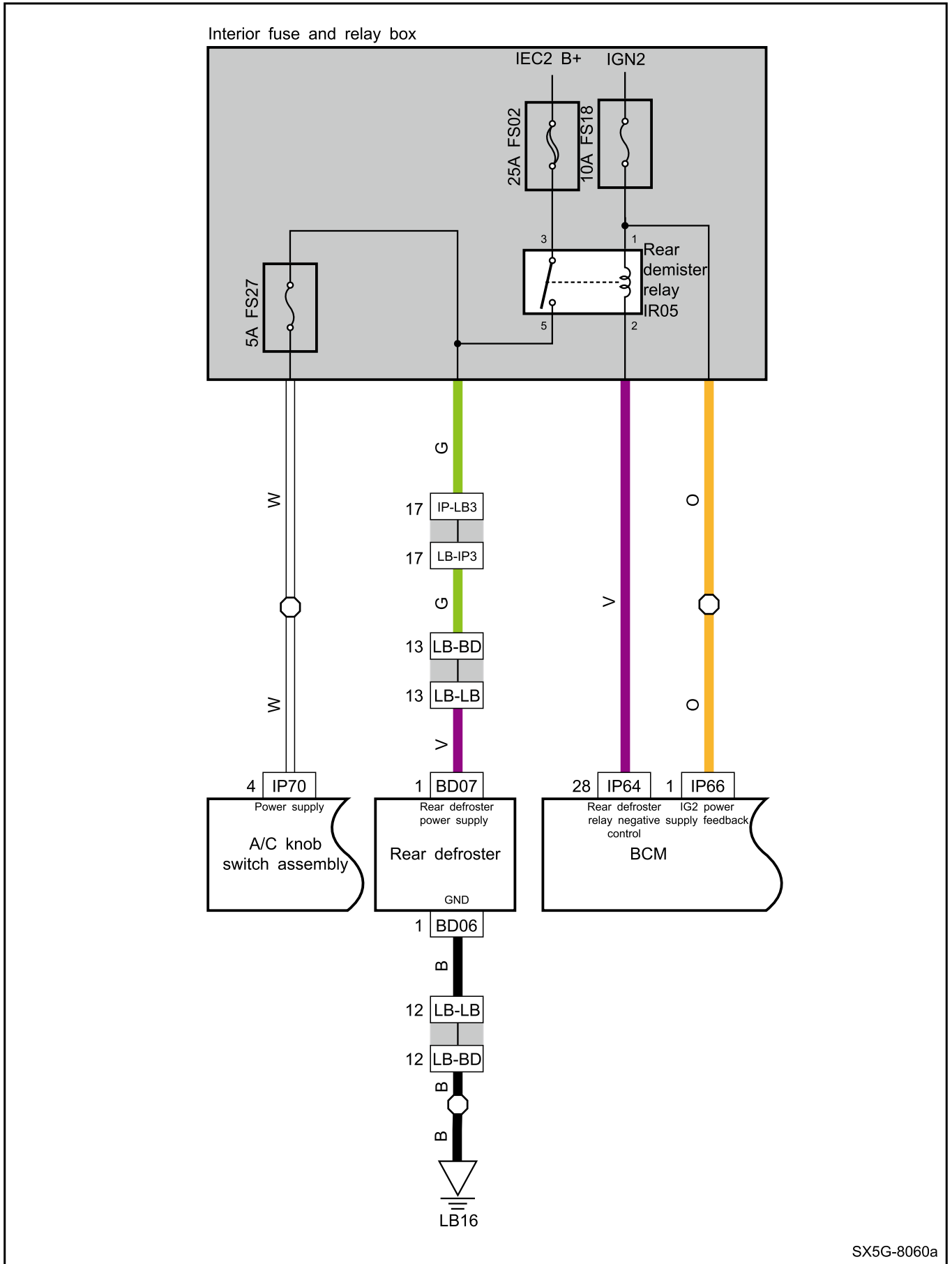
Connection point	Description	Page
A	TO Wiper control system 1	285

Wiper control system 3



Harness connector	Name	Page
IP28	Wiper switch	53
IP63	BCM-J1	53
IP64	BCM-J2	53

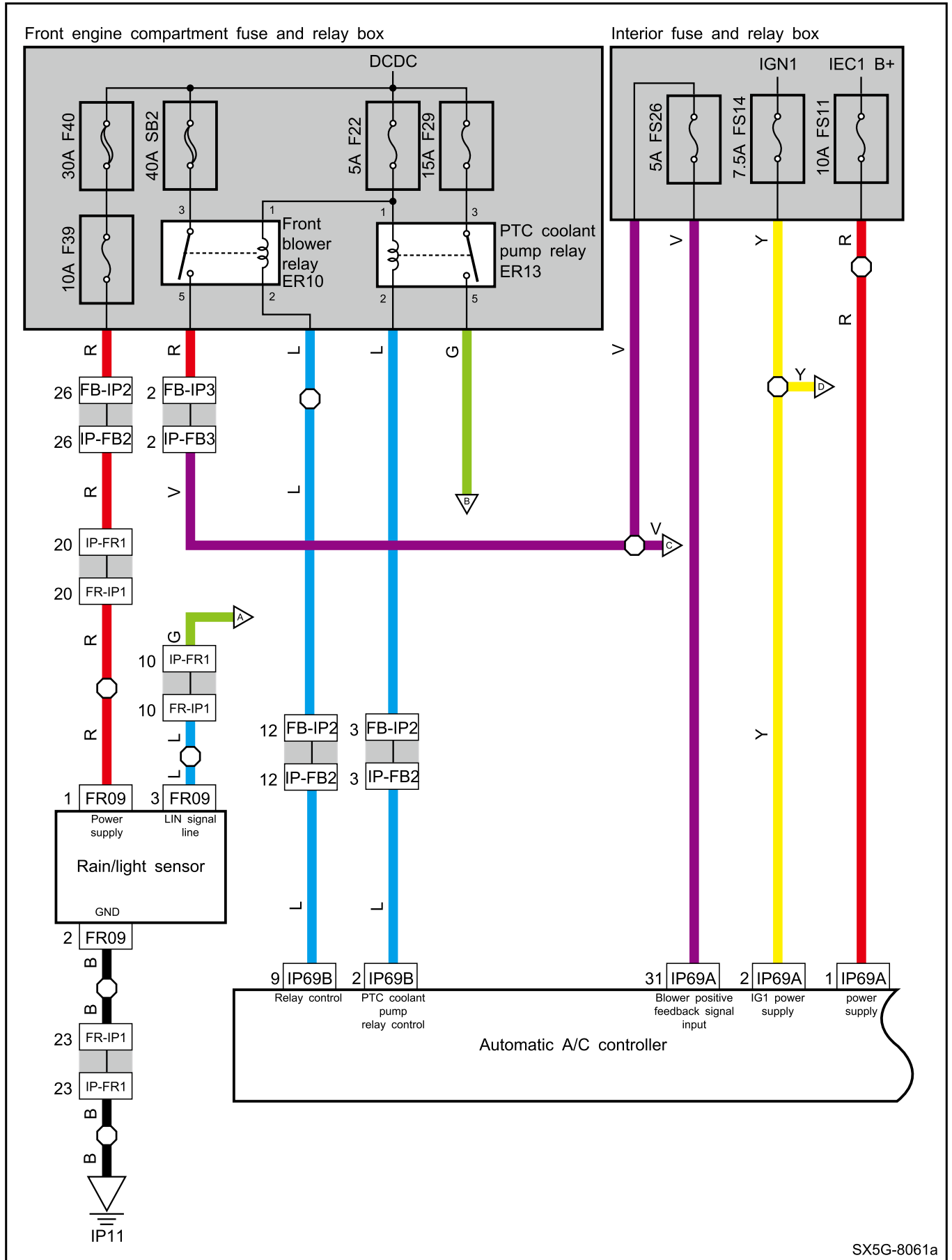
Defroster control



SX5G-8060a

Harness connector	Name	Page
BD06	Rear defroster GND	87
BD07	Rear defroster power supply	87
IP64	BCM-J2	53
IP66	BCM-J4	53
IP70	A/C knob switch assembly	53
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
LB16	Body GND point	135
LB-BD1	Left body wiring harness-rear door transition wiring harness	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LB	Rear door transition wiring harness-left body wiring harness	87

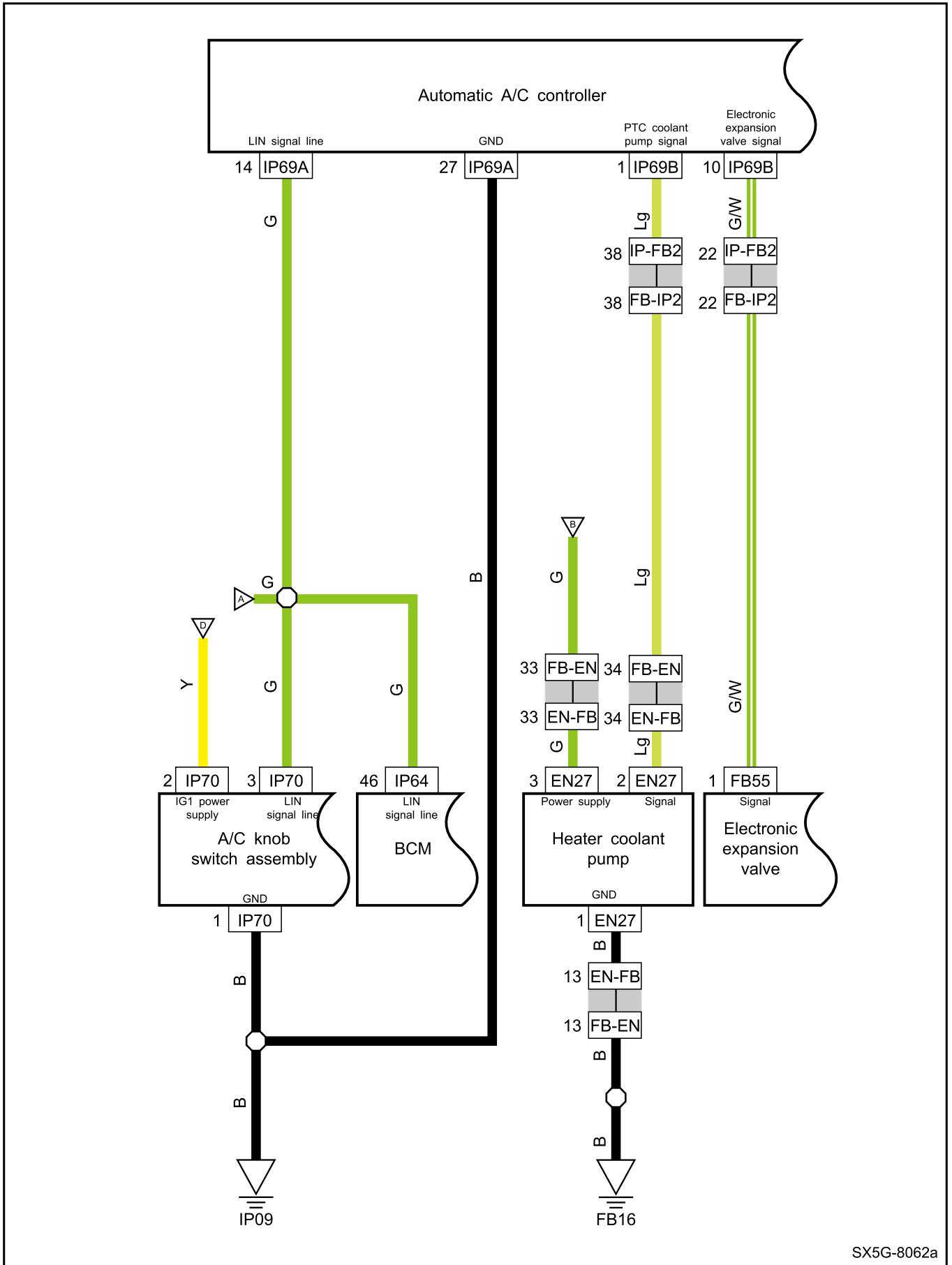
Automatic A/C 1



Harness connector	Name	Page
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP3	Engine compartment wiring harness-instrument panel wiring harness(2PIN)	35
FR09	Rain/light sensor	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP69A	Automatic A/C controller A	53
IP69B	Automatic A/C controller B	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB3	Instrument panel wiring harness-engine compartment wiring harness(2PIN)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

Connection point	Description	Page
A	TO Automatic A/C 2	295
B	TO Automatic A/C 2	295
C	TO Automatic A/C 3	297
D	TO Automatic A/C 2	295

Automatic A/C 2

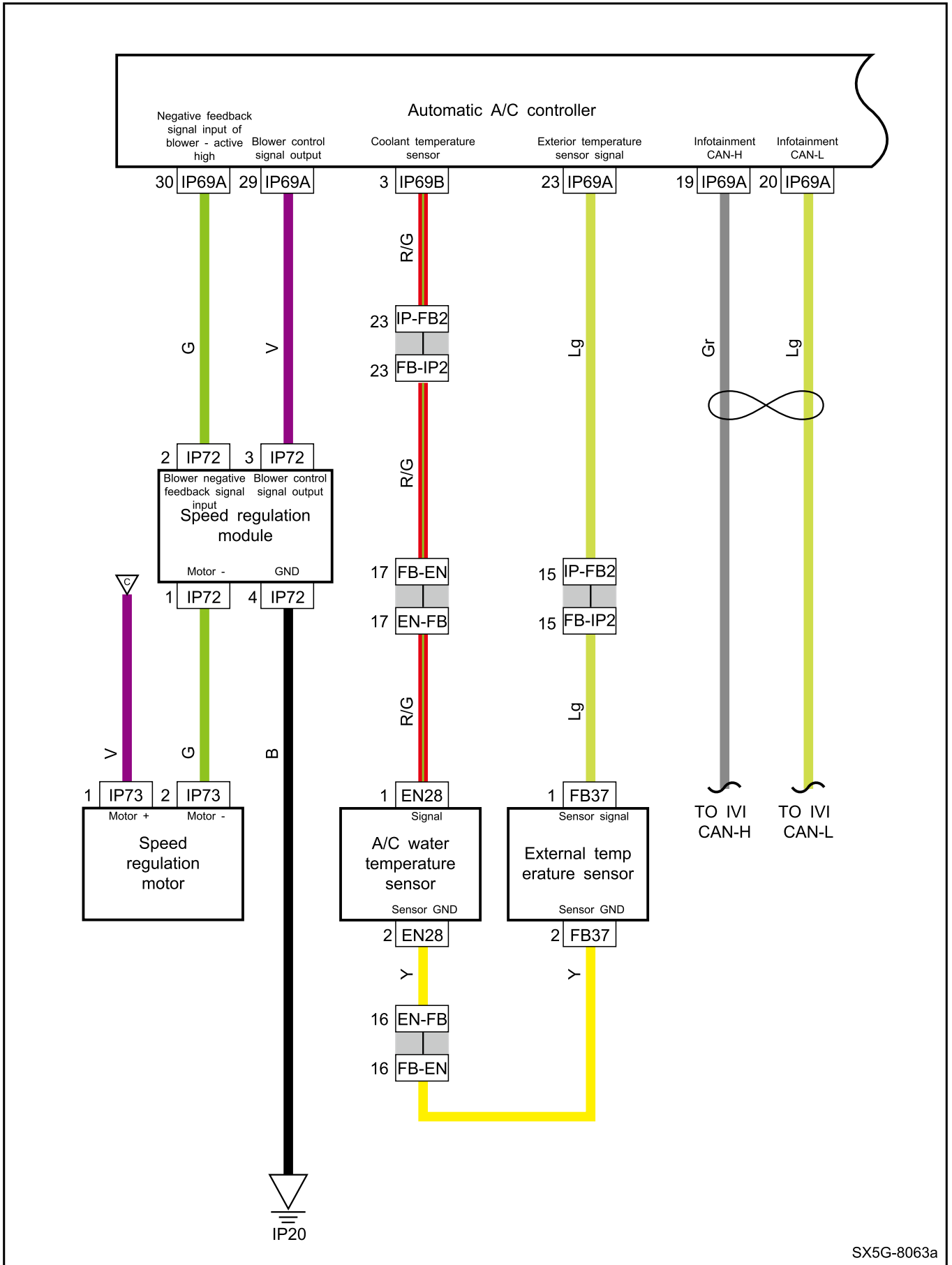


SX5G-8062a

Harness connector	Name	Page
EN27	Heater coolant pump	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB16	GND point 2	133
FB55	Electronic expansion valve	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP09	Merged GND point 3-2	134
IP64	BCM-J2	53
IP69A	Automatic A/C controller A	53
IP69B	Automatic A/C controller B	53
IP70	A/C knob switch assembly	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
A	TO Automatic A/C 1	293
B	TO Automatic A/C 1	293
D	TO Automatic A/C 1	293

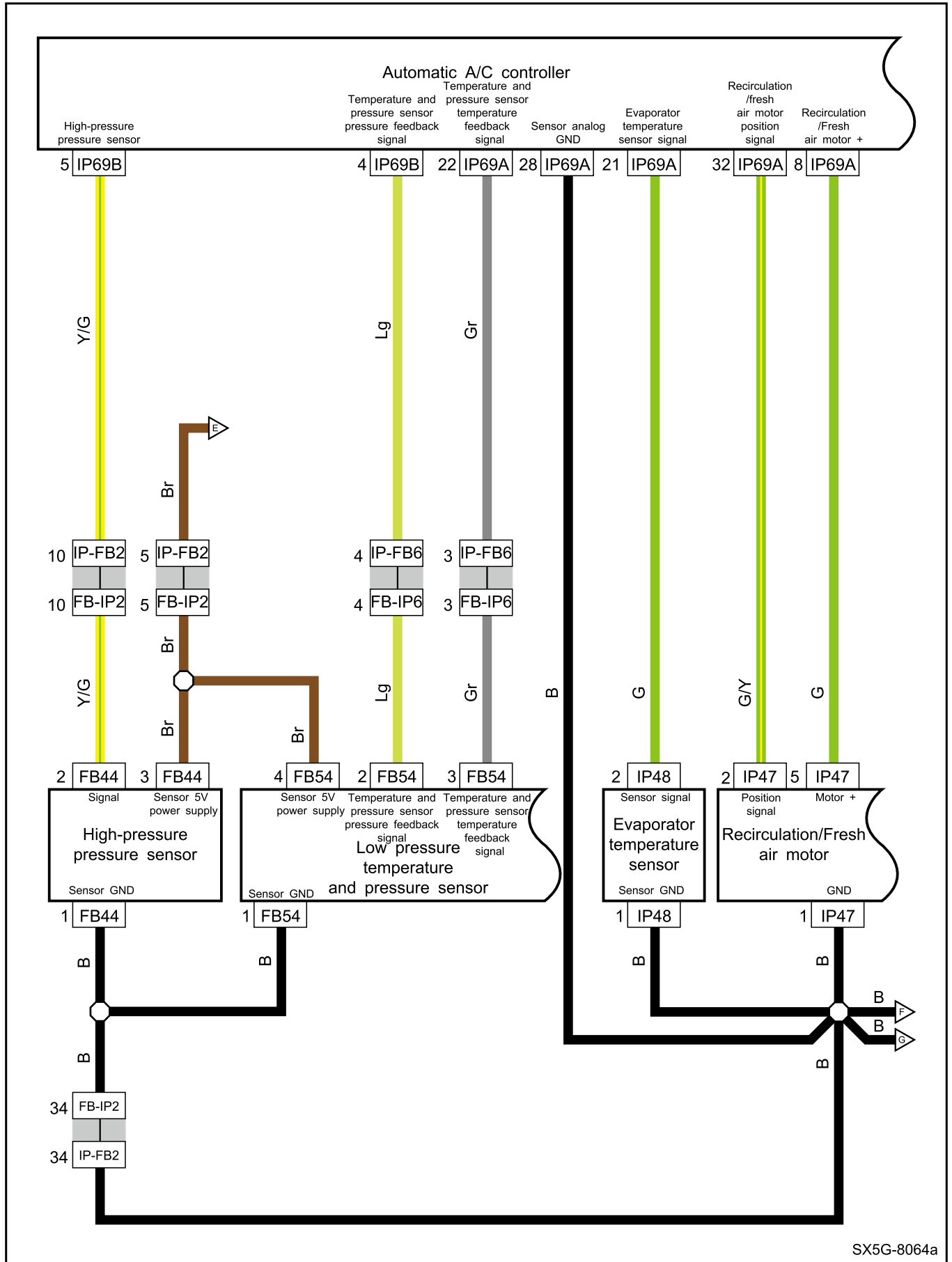
Automatic A/C 3



Harness connector	Name	Page
EN28	A/C water temperature sensor	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB37	External temperature sensor	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP20	Merged GND point 13.1	134
IP69A	Automatic A/C controller A	53
IP69B	Automatic A/C controller B	53
IP72	Speed regulation module	53
IP73	Speed regulation motor	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
C	TO Automatic A/C 1	293
IP69A-19	TO IVI CAN-H	385
IP69A20	TO IVI CAN-L	385

Automatic A/C 4

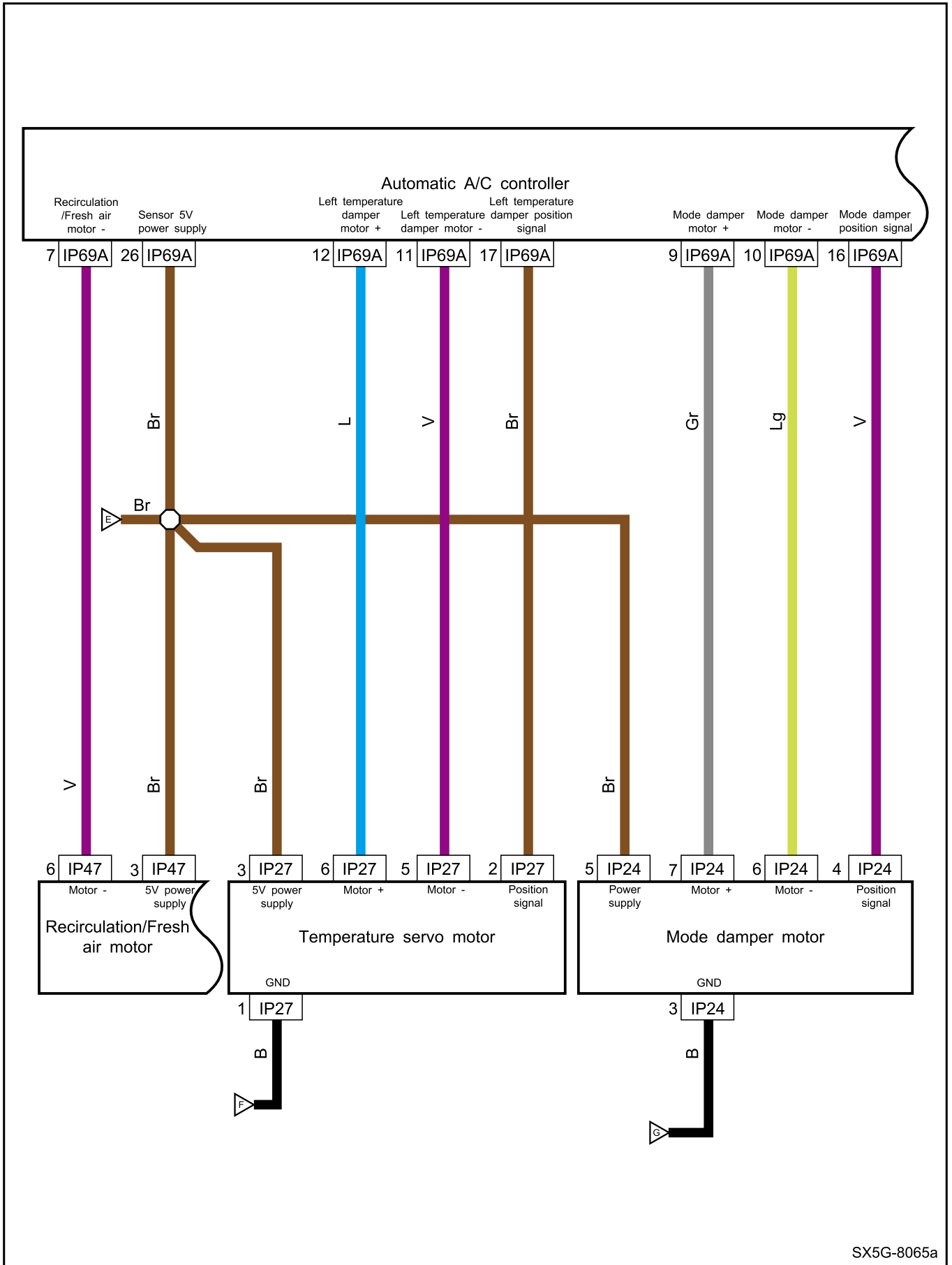


SX5G-8064a

Harness connector	Name	Page
FB44	High-pressure pressure sensor	35
FB54	Low pressure temperature and pressure sensor	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP47	Recirculation/Fresh air motor	54
IP48	Evaporator temperature sensor	53
IP69A	Automatic A/C controller A	53
IP69B	Automatic A/C controller B	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53

Connection point	Description	Page
E	TO Automatic A/C 5	301
F	TO Automatic A/C 5	301
G	TO Automatic A/C 5	301

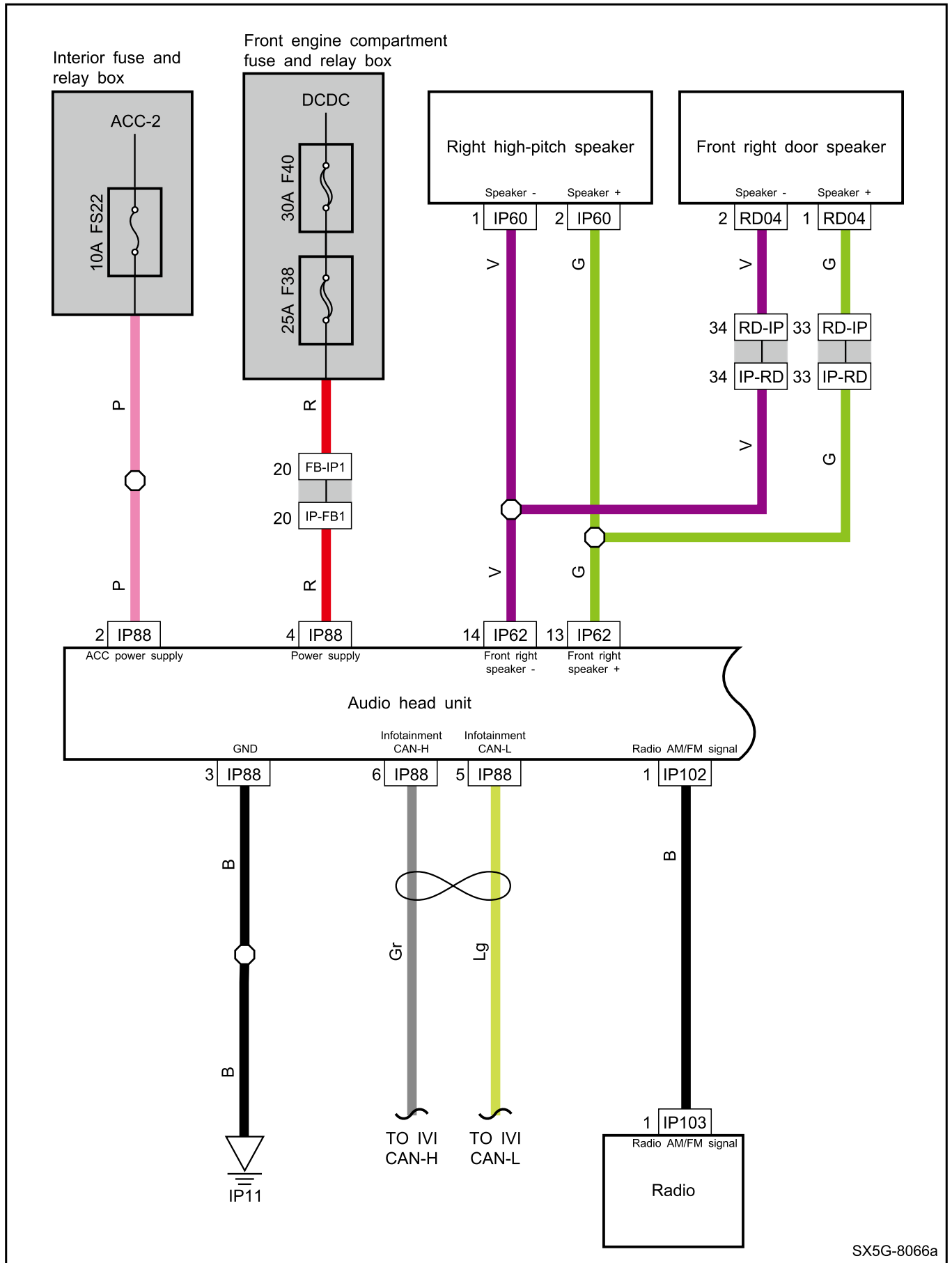
Automatic A/C 5



Harness connector	Name	Page
IP24	Mode damper motor	54
IP27	Temperature servo motor	53
IP47	Recirculation/Fresh air motor	54
IP69A	Automatic A/C controller A	53

Connection point	Description	Page
E	TO Automatic A/C 4	299
F	TO Automatic A/C 4	299
G	TO Automatic A/C 4	299

In-vehicle infotainment system 1

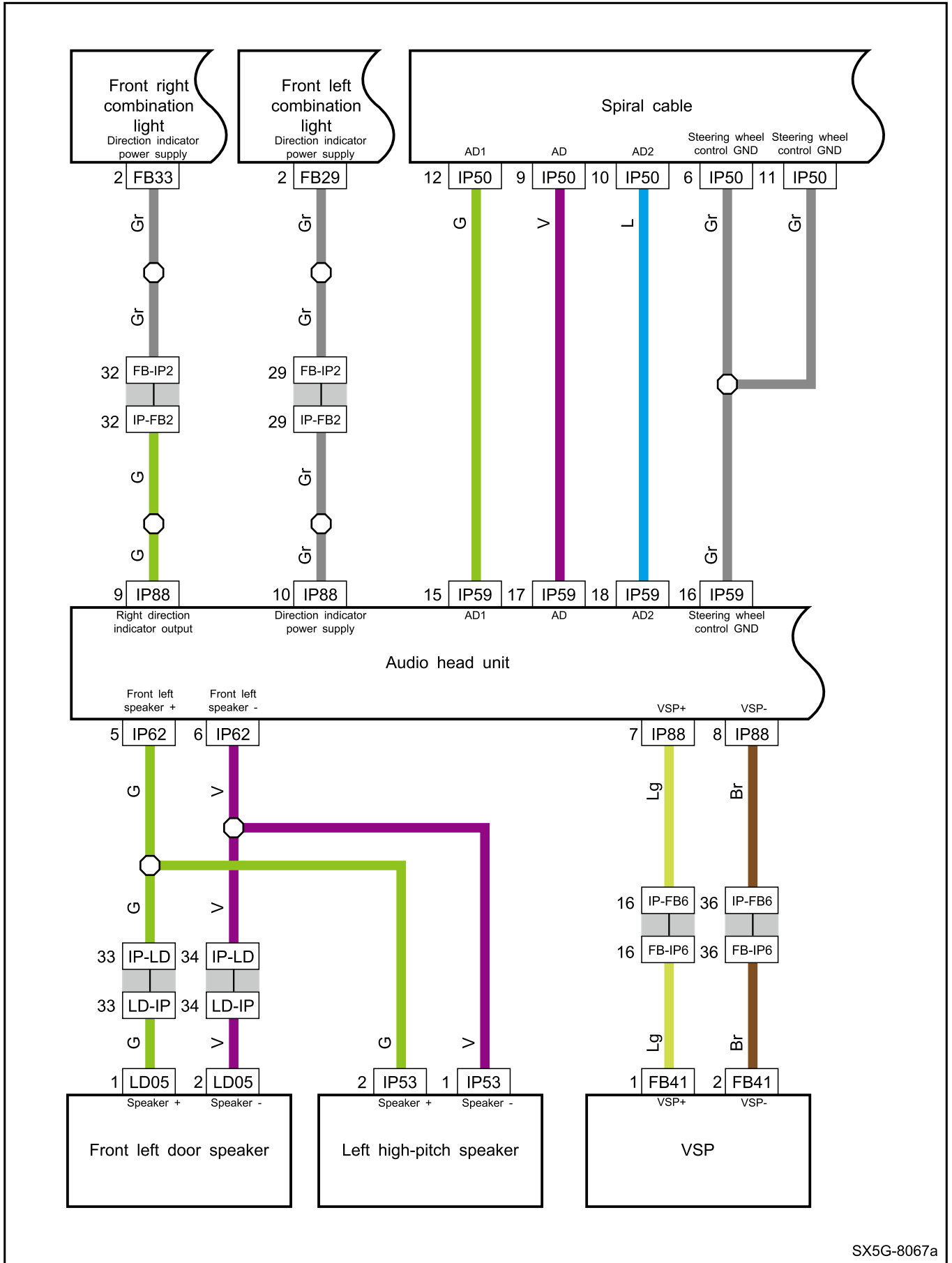


SX5G-8066a

Harness connector	Name	Page
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP11	Merged GND point 5	134
IP60	Right high-pitch speaker	53
IP62	Audio head unit B	54
IP88	Audio head unit C	54
IP102	Audio head unit (antenna amplifier)	54
IP103	Radio	54
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RD04	Front right door speaker	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

Connection point	Description	Page
IP88-6	TO IVI CAN-H	385
IP88-5	TO IVI CAN-L	385

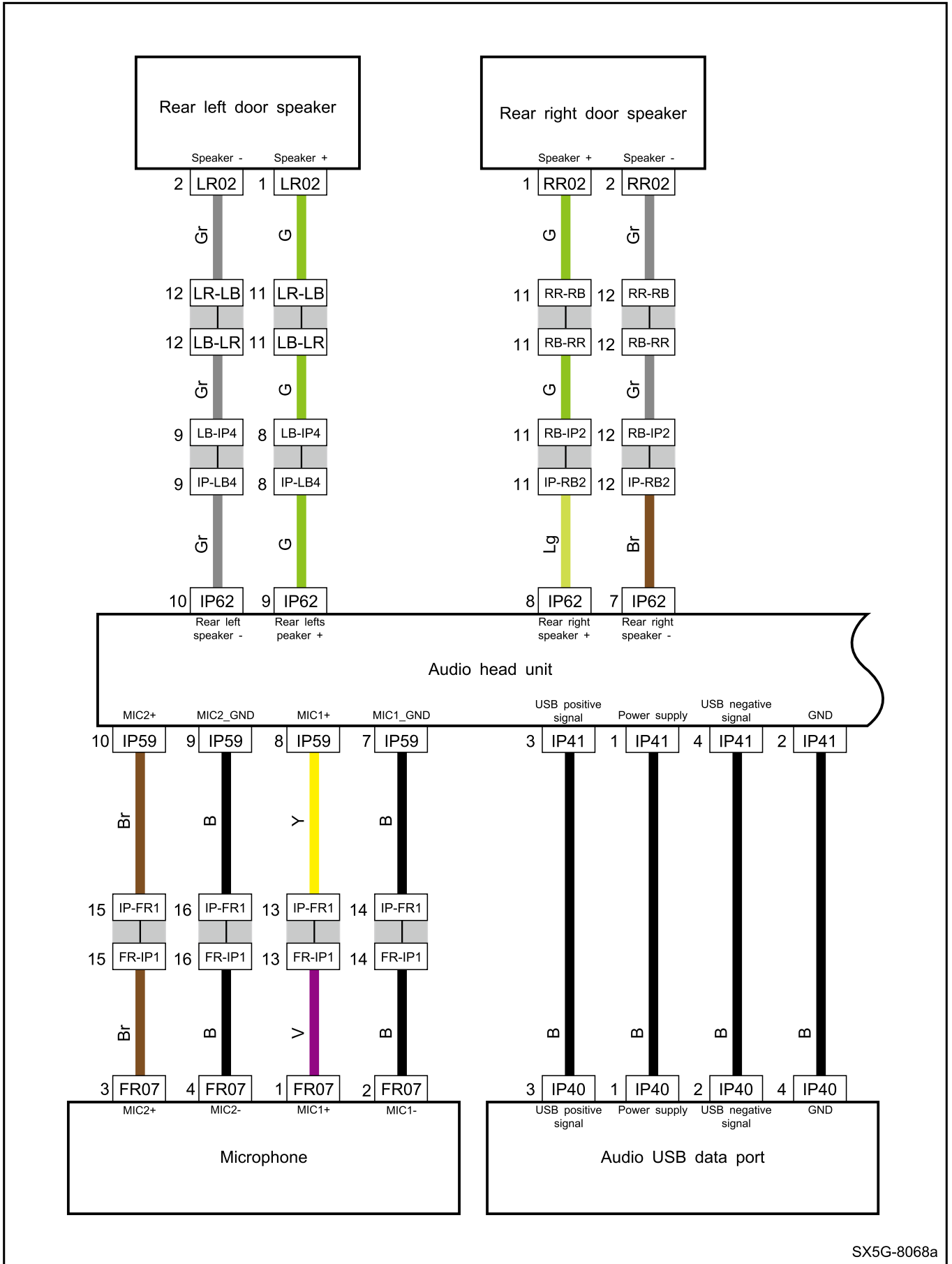
In-vehicle infotainment system 2



SX5G-8067a

Harness connector	Name	Page
FB29	Front left combination light	35
FB33	Front right combination light	35
FB41	VSP	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP50	Spiral cable	53
IP53	Left high-pitch speaker	53
IP59	Audio head unit A	54
IP62	Audio head unit B	54
IP88	Audio head unit C	54
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LD05	Front left door speaker	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112

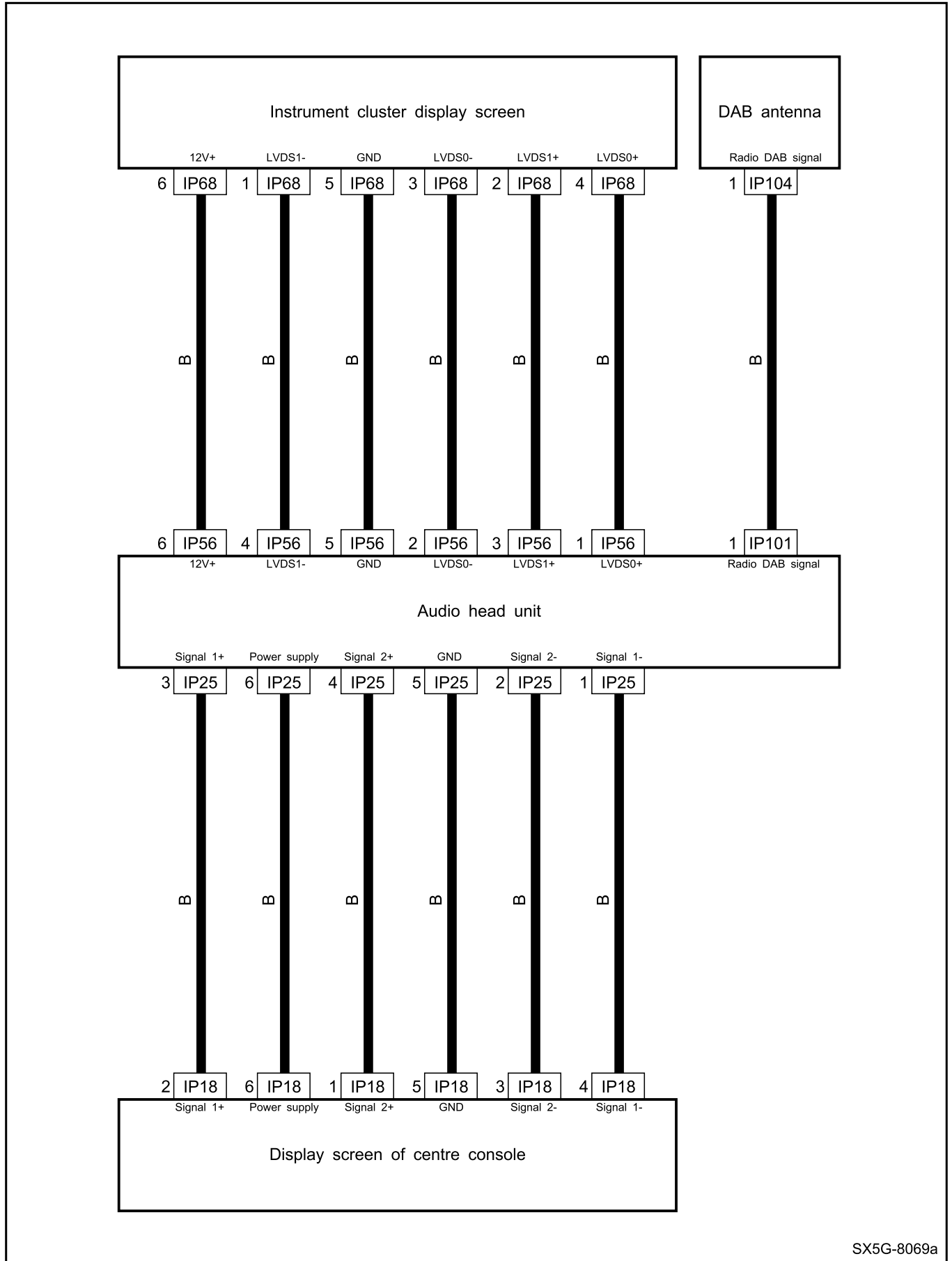
In-vehicle infotainment system 3



SX5G-8068a

Harness connector	Name	Page
FR07	Microphone	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP40	Audio USB data port	53
IP41	Audio head unit (USB)	54
IP59	Audio head unit A	54
IP62	Audio head unit B	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LR	Left body wiring harness-rear door wiring harness	85
LR02	Rear left door speaker	114
LR-LB	Left rear door wiring harness-left body wiring harness	114
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-RR	Right body wiring harness-right rear door wiring harness	86
RR02	Rear right door speaker	115
RR-RB	Right rear door wiring harness-right body wiring harness	115

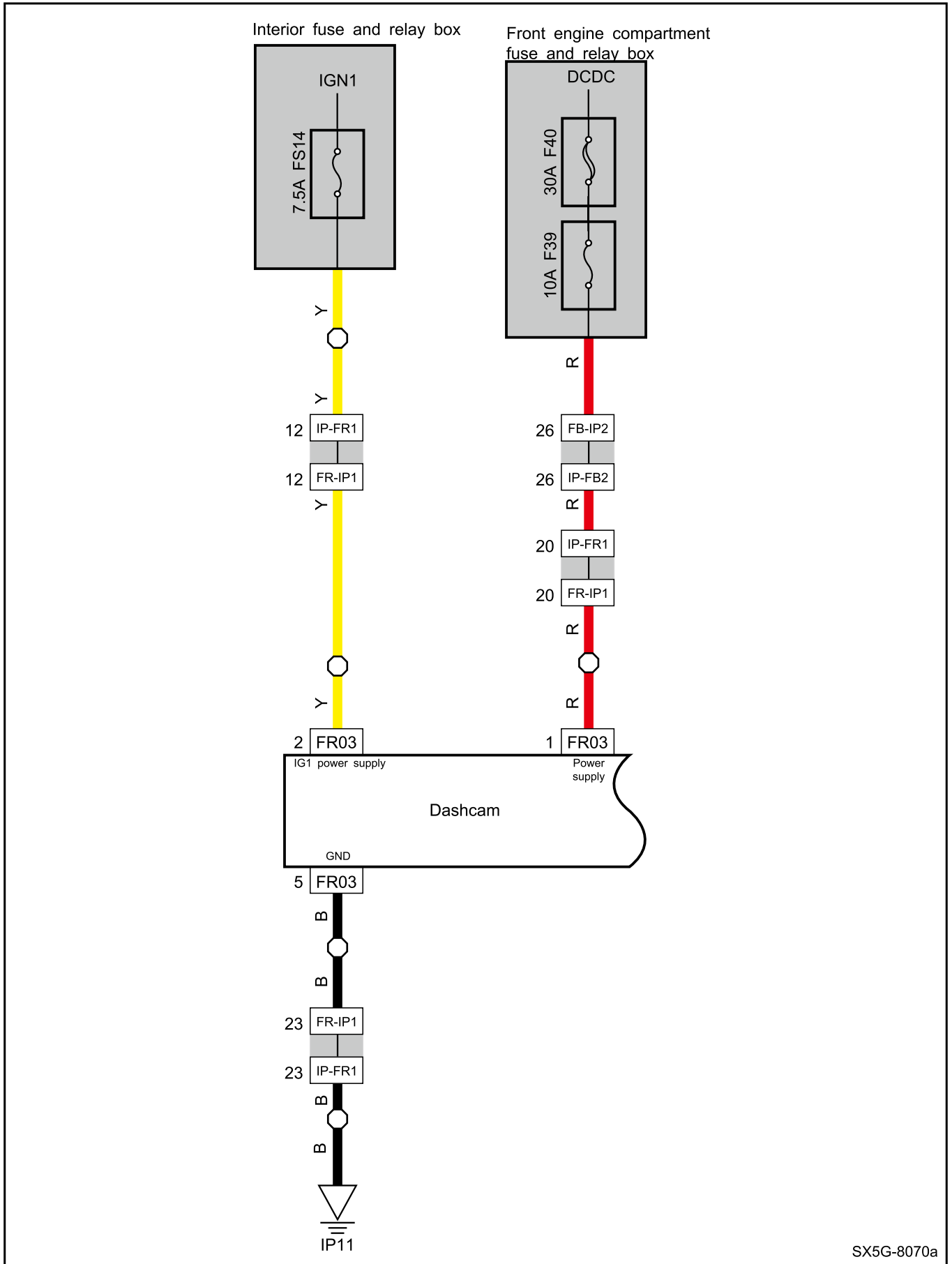
In-vehicle infotainment system 4



SX5G-8069a

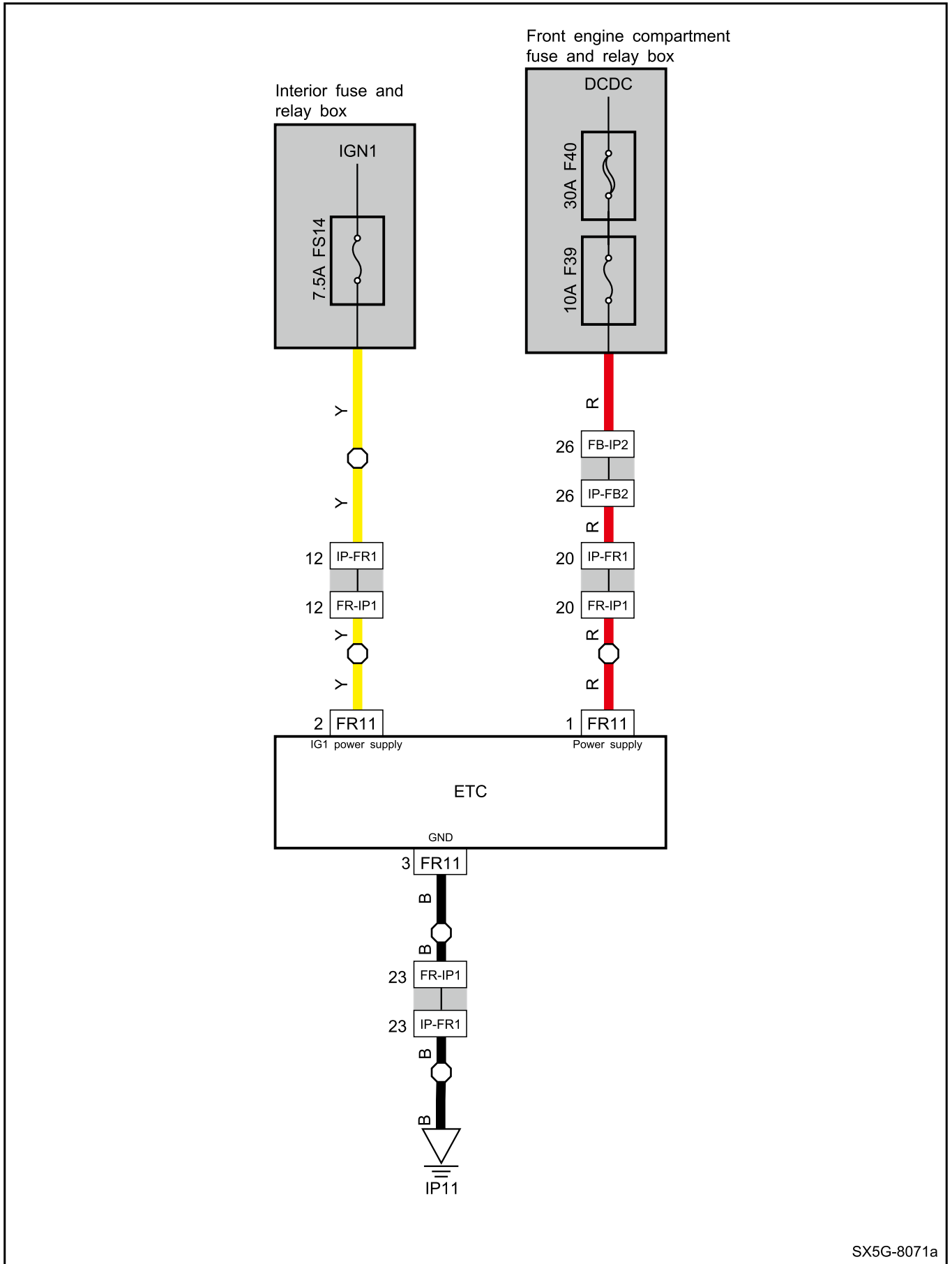
Harness connector	Name	Page
IP18	Display screen of centre console	53
IP25	Audio head unit (centre console display)	54
IP56	Audio head unit (instrument display screen)	54
IP68	Instrument cluster display screen	53
IP101	Audio head unit (DAB)	54
IP104	DAB antenna	54

Dashcam



Harness connector	Name	Page
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR03	Dashcam	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

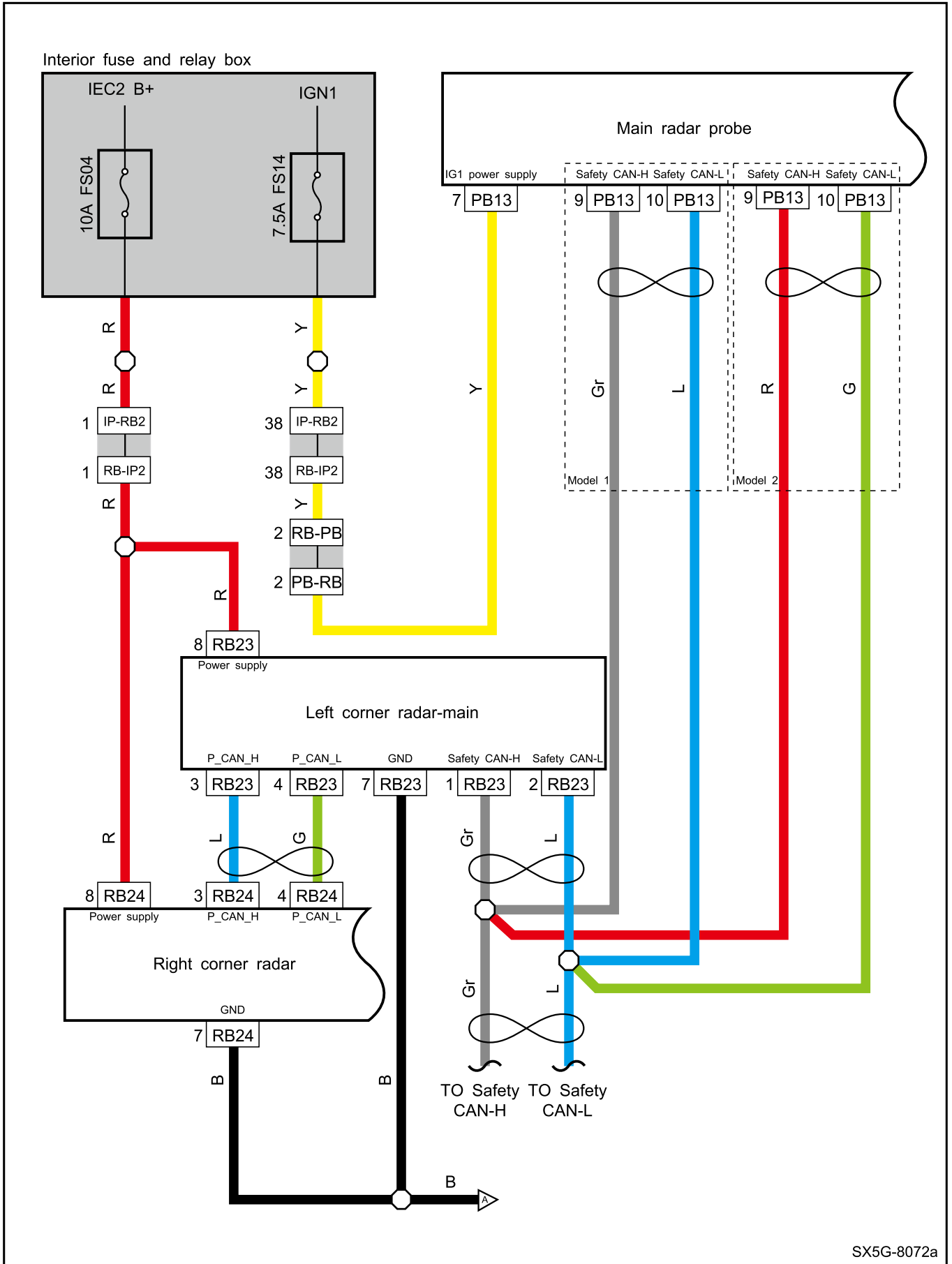
ETC



SX5G-8071a

Harness connector	Name	Page
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR11	ETC	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

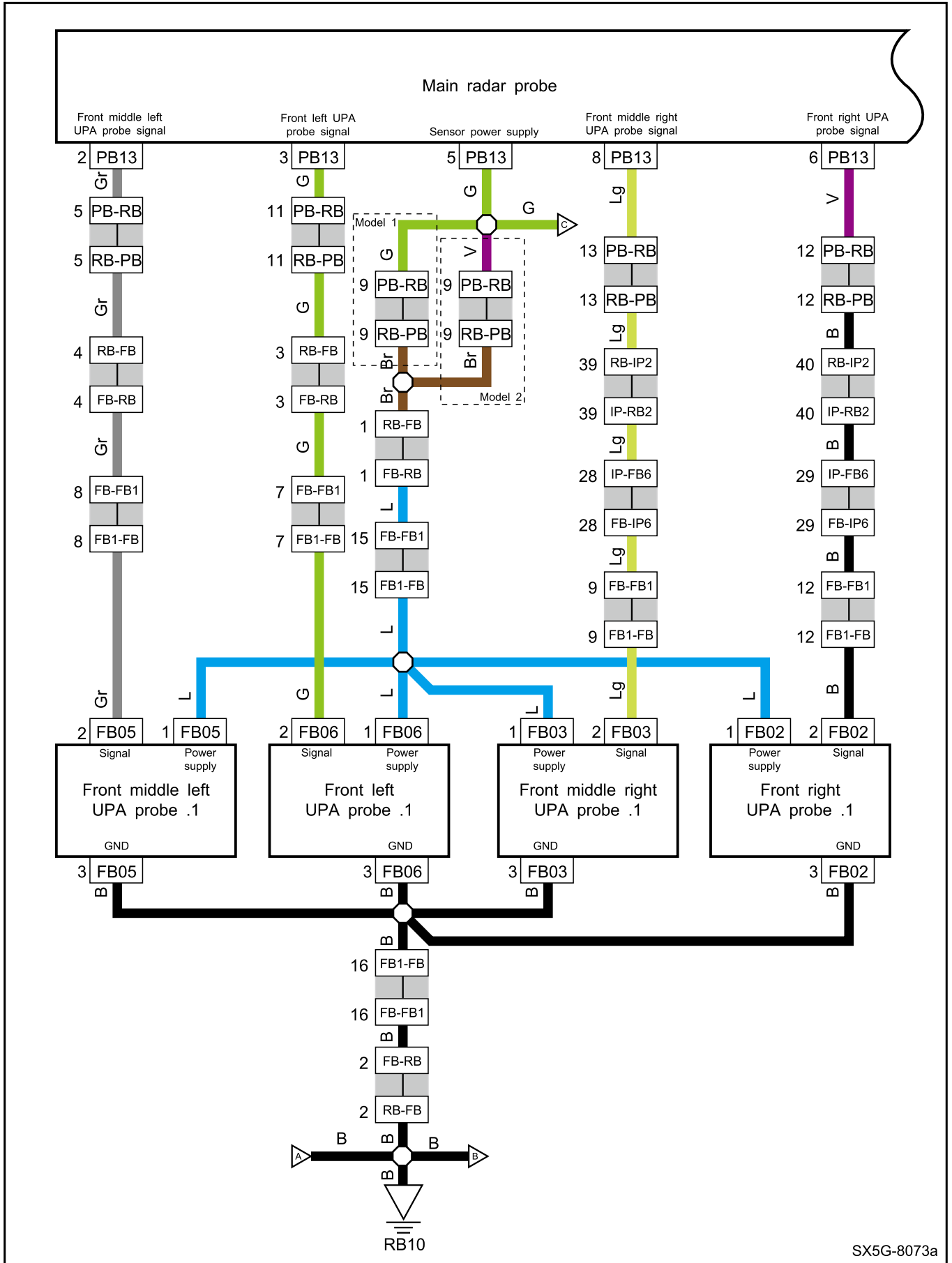
Reversing radar system 1



Harness connector	Name	Page
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
PB13	Main radar probe	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB23	Left corner radar-main	86
RB24	Right corner radar	86
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

Connection point	Description	Page
A	TO Reversing radar system 2	317
RB23-1	TO Safety CAN-H	379
RB23-2	TO Safety CAN-L	379

Reversing radar system 2

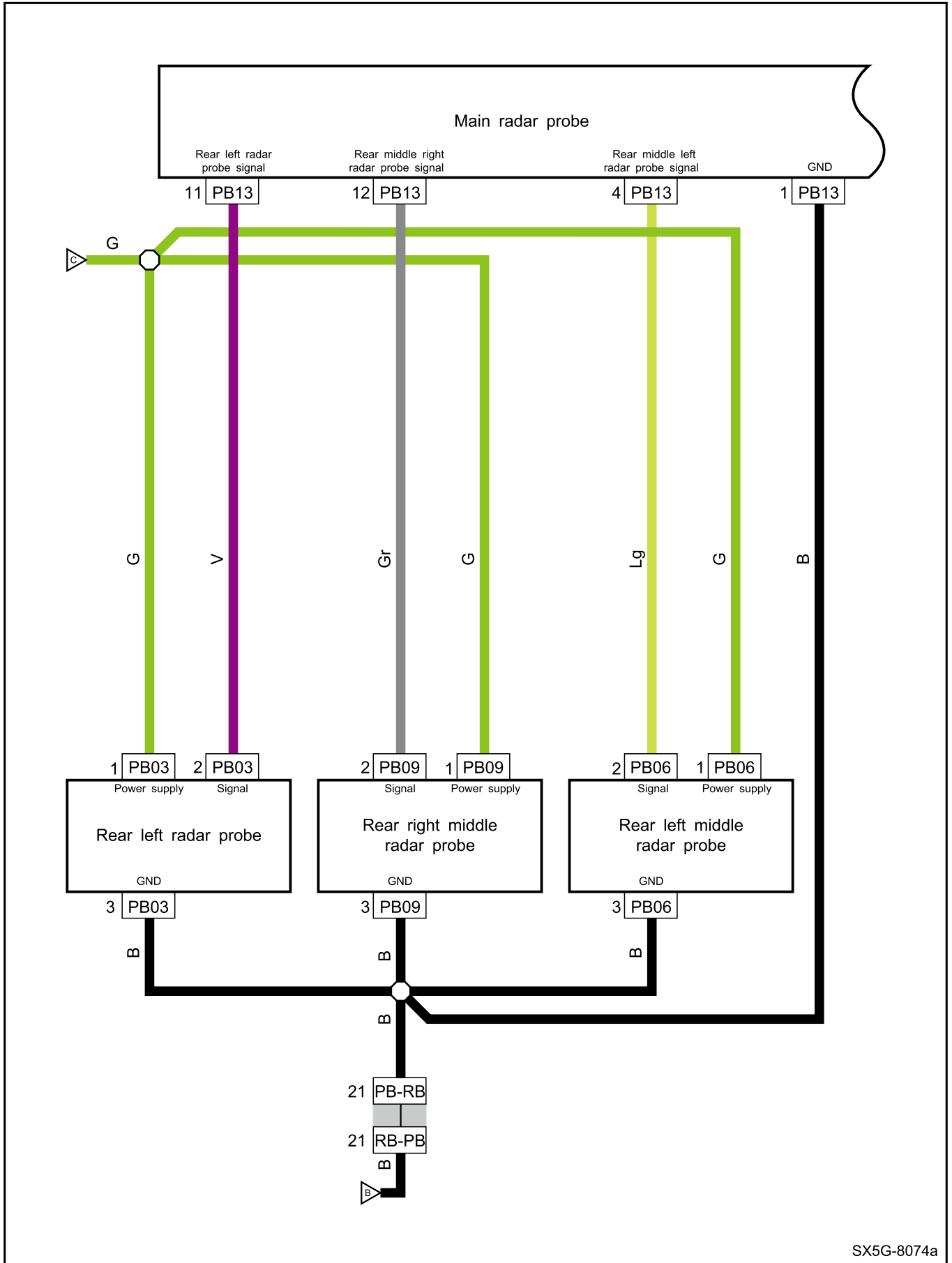


SX5G-8073a

Harness connector	Name	Page
FB1-FB	Front bumper wiring harness-engine compartment wiring harness	36
FB02	Front right UPA probe .1	36
FB03	Front middle right UPA probe .1	36
FB05	Front middle left UPA probe .1	36
FB06	Front left UPA probe .1	36
FB-FB1	Engine compartment wiring harness-front bumper wiring harness	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
FB-RB	Engine compartment wiring harness-right body wiring harness(right)	35
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
PB13	Main radar probe	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB10	Body GND point 2.1	136
RB-FB	Right body wiring harness-engine compartment wiring harness	86
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

Connection point	Description	Page
A	TO Reversing radar system 1	315
B	TO Reversing radar system 3	319
C	TO Reversing radar system 3	319

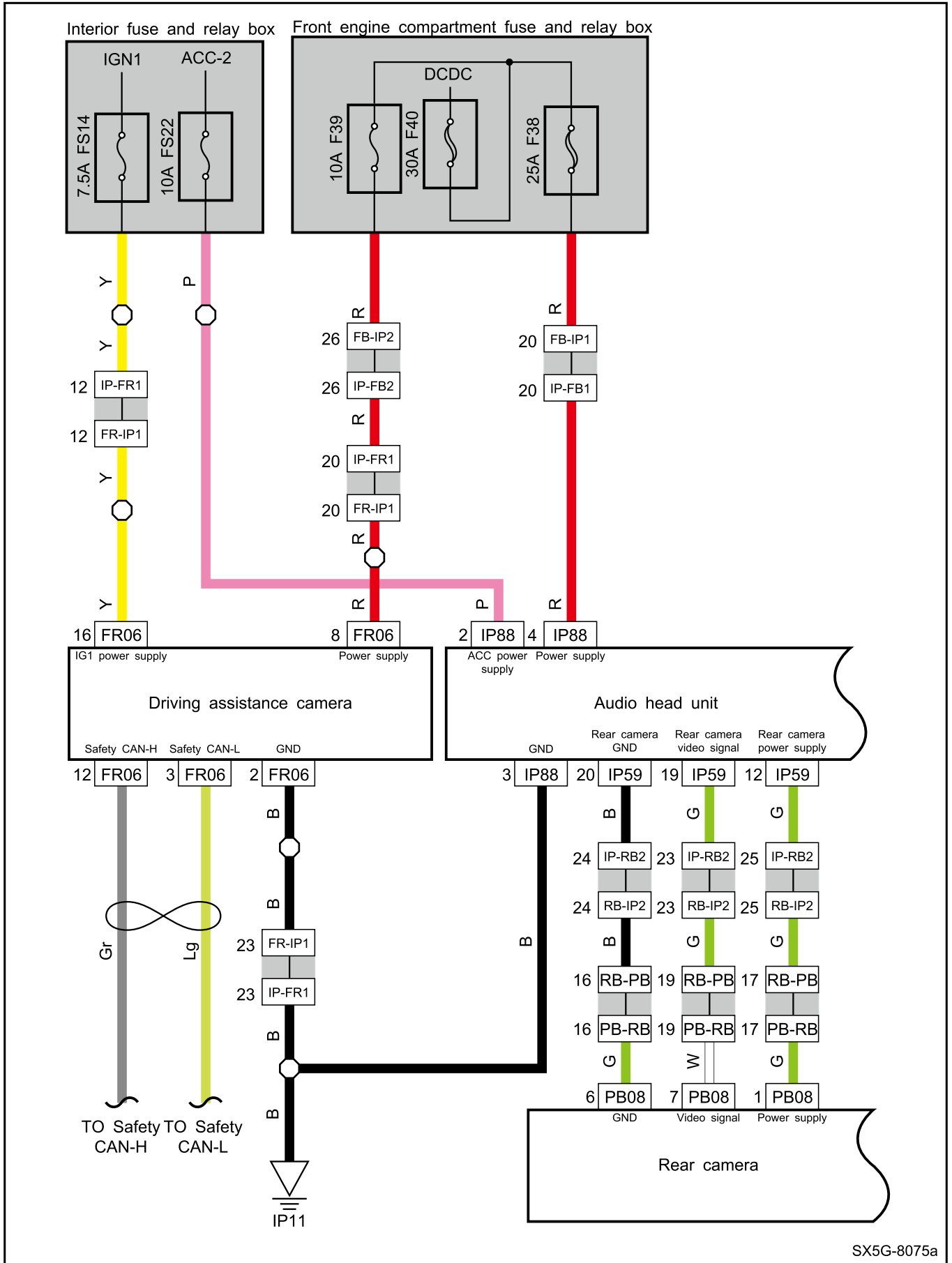
Reversing radar system 3



Harness connector	Name	Page
PB03	Rear left radar probe	83
PB06	Rear left middle radar probe	83
PB09	Rear right middle radar probe	83
PB13	Main radar probe	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB-PB	Right body wiring harness-rear bumper wiring harness	86

Connection point	Description	Page
B	TO Reversing radar system 2	317
C	TO Reversing radar system 2	317

Panoramic image 1

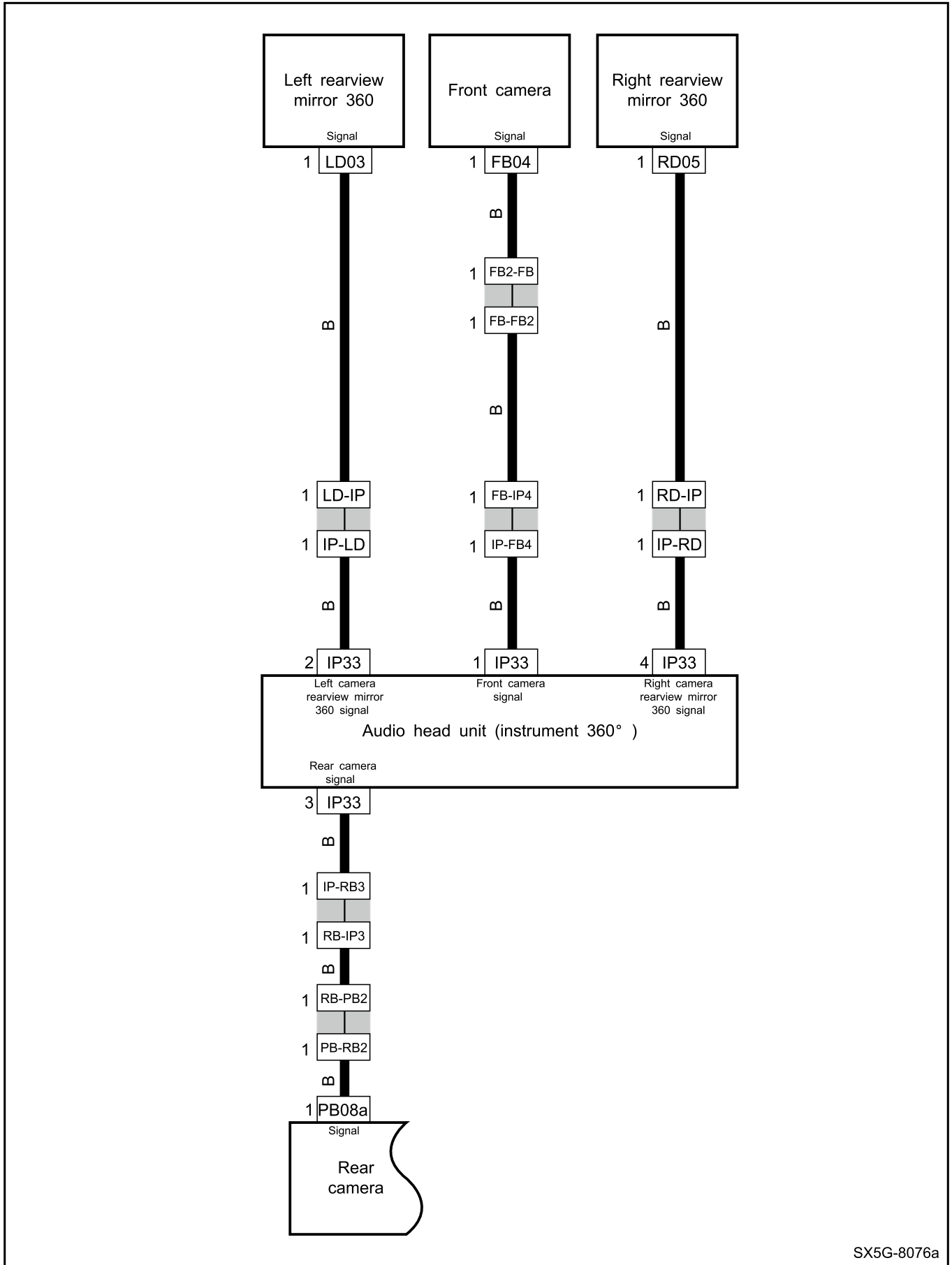


SX5G-8075a

Harness connector	Name	Page
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR06	Driving assistance camera	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP59	Audio head unit A	54
IP88	Audio head unit C	54
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
PB08	Rear camera	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

Connection point	Description	Page
FR06-12	TO Safety CAN-H	377
FR06-3	TO Safety CAN-L	377

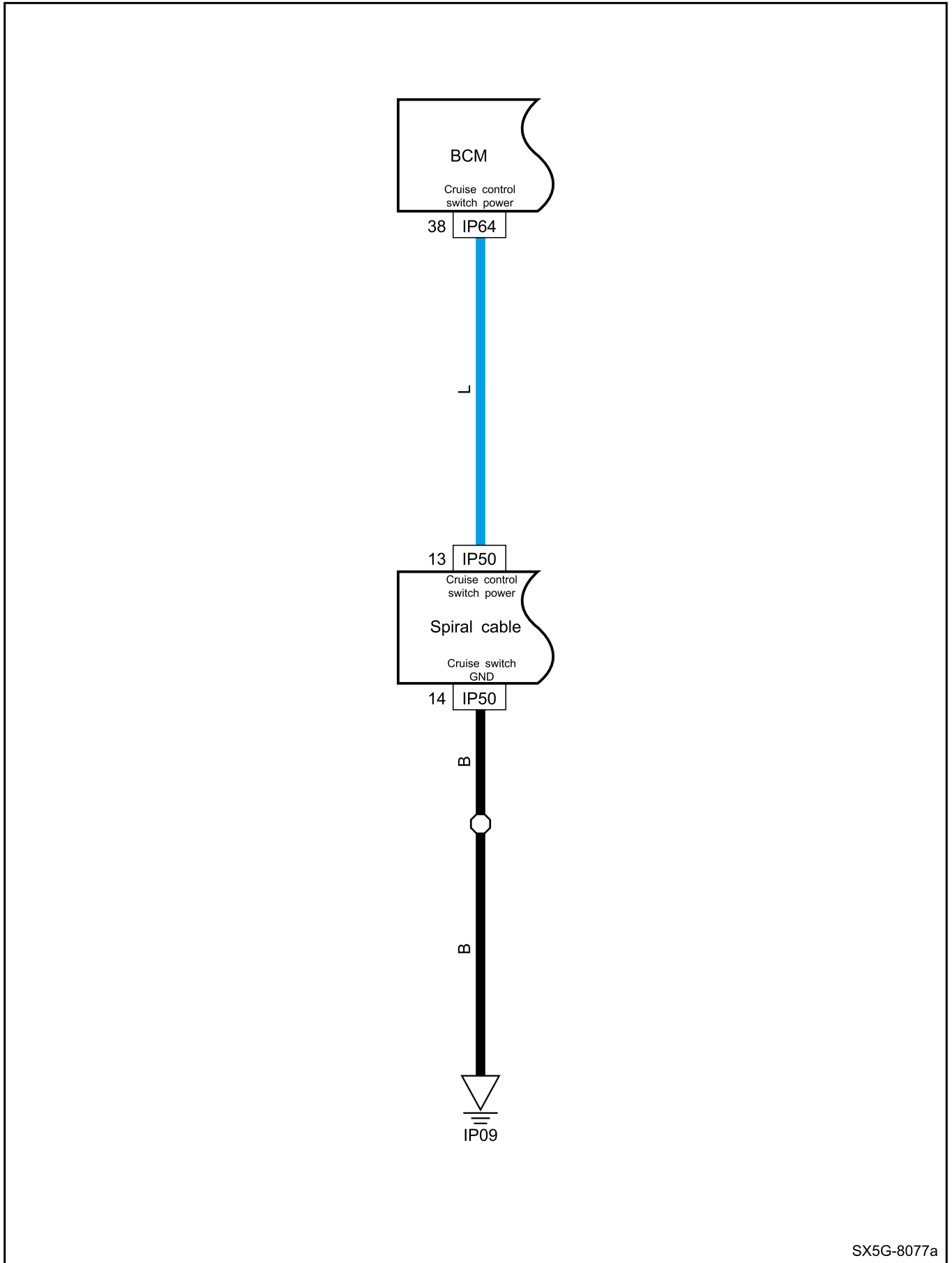
Panoramic image 2



SX5G-8076a

Harness connector	Name	Page
FB2-FB	Front bumper wiring harness-engine compartment wiring harness	36
FB04	Front camera	36
FB-FB2	360-degree surround view camera(connect to front bumper)	35
FB-IP4	Engine compartment wiring harness-instrument panel wiring harness	35
IP33	Audio head unit (instrument 360°)	54
IP-FB4	Instrument panel wiring harness-engine compartment wiring harness	54
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RB3	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LD03	Left rearview mirror 360	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
PB08a	Rear camera	83
PB-RB2	Rear bumper wiring harness-right body wiring harness	83
RB-IP3	Right body wiring harness-instrument panel wiring harness3	86
RB-PB2	Right body wiring harness-rear bumper wiring harness	86
RD05	Right rearview mirror 360	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

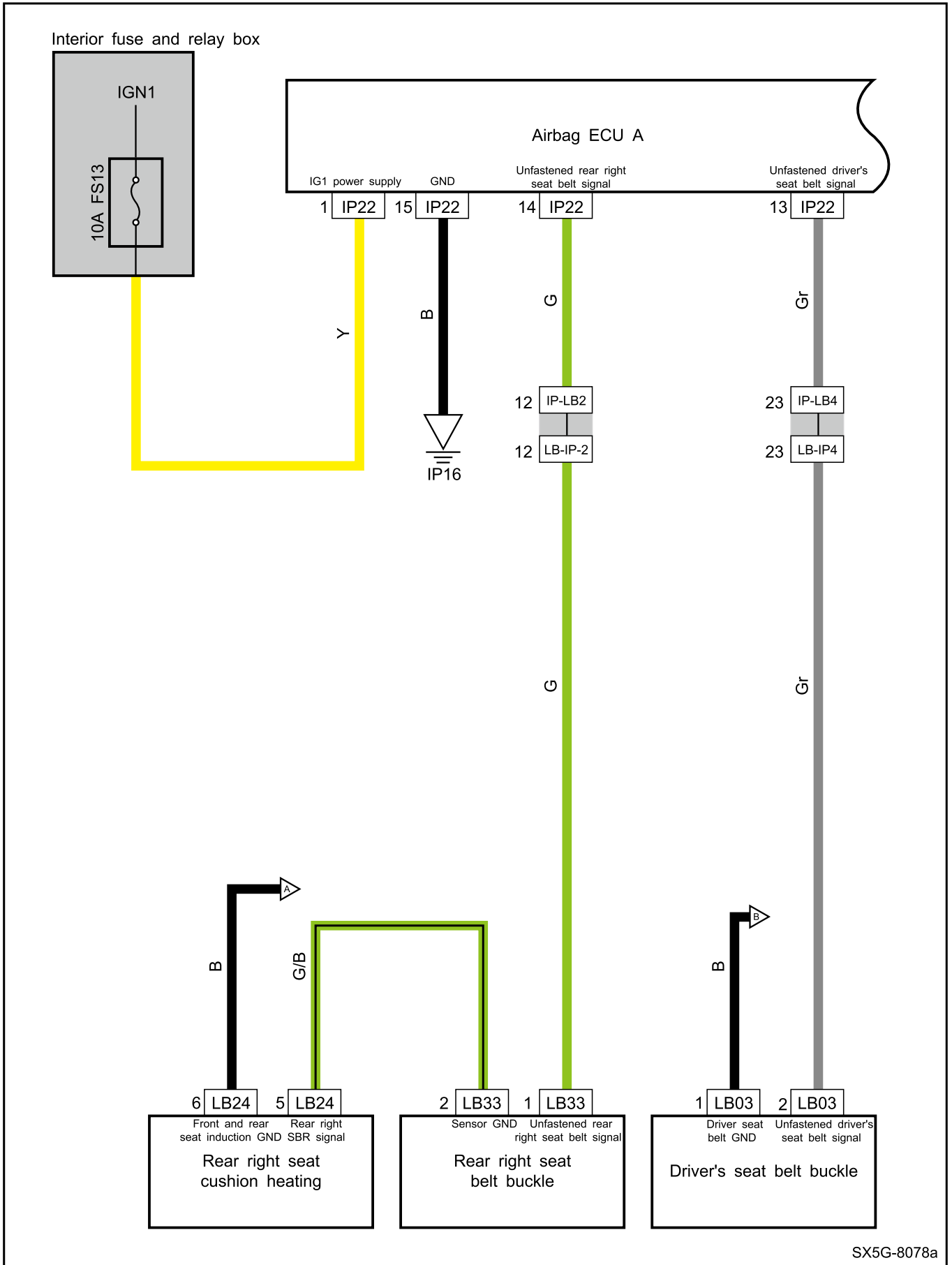
Cruise control system



SX5G-8077a

Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP50	Spiral cable	53
IP64	BCM-J2	53

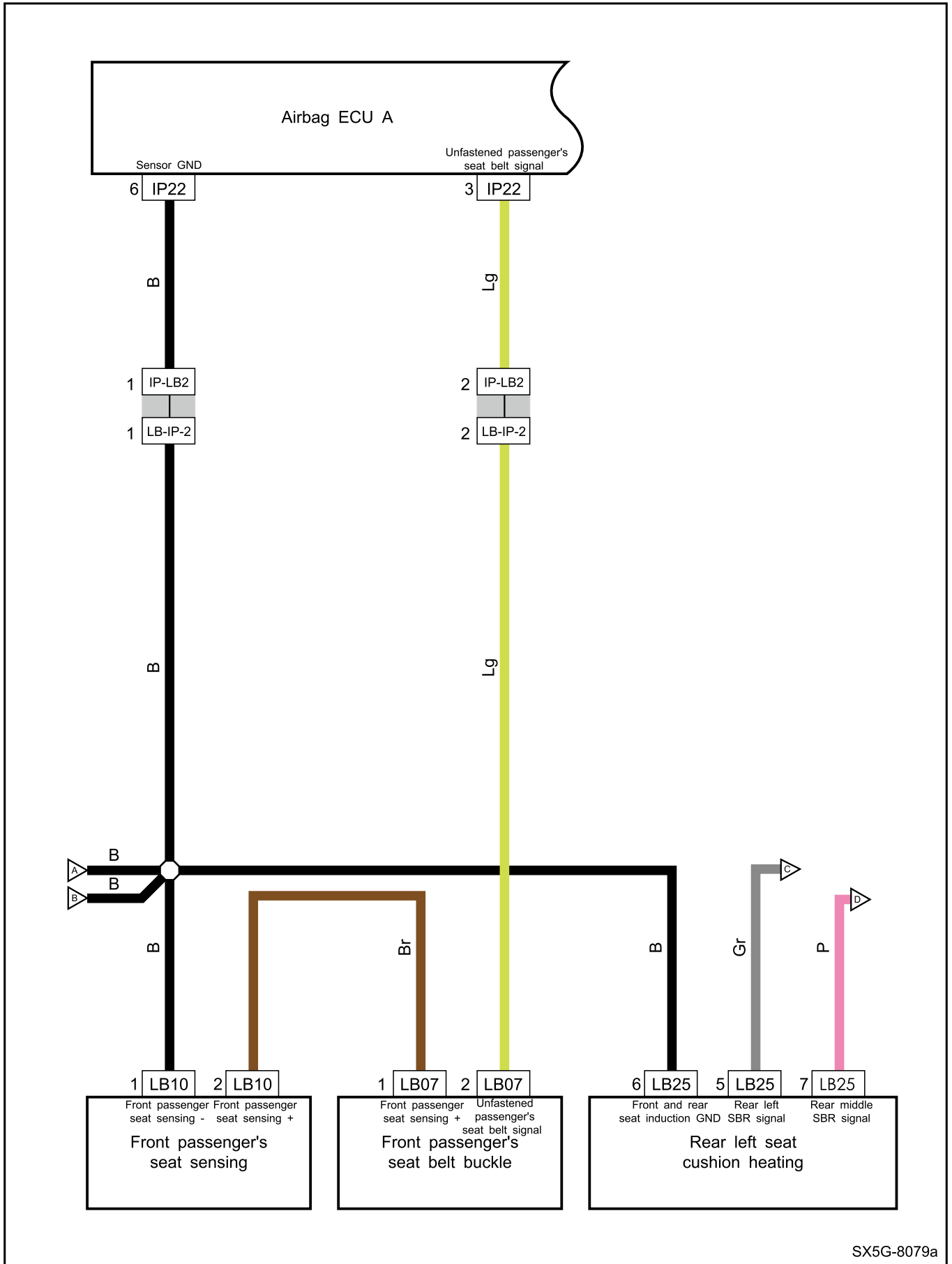
SRS 1



Harness connector	Name	Page
IP16	Merged GND point 9	134
IP22	Airbag ECU A	53
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB03	Driver's seat belt buckle	85
LB24	Rear right seat cushion heating	85
LB33	Rear right seat belt buckle	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
A	TO SRS 2	329
B	TO SRS 2	329

SRS 2

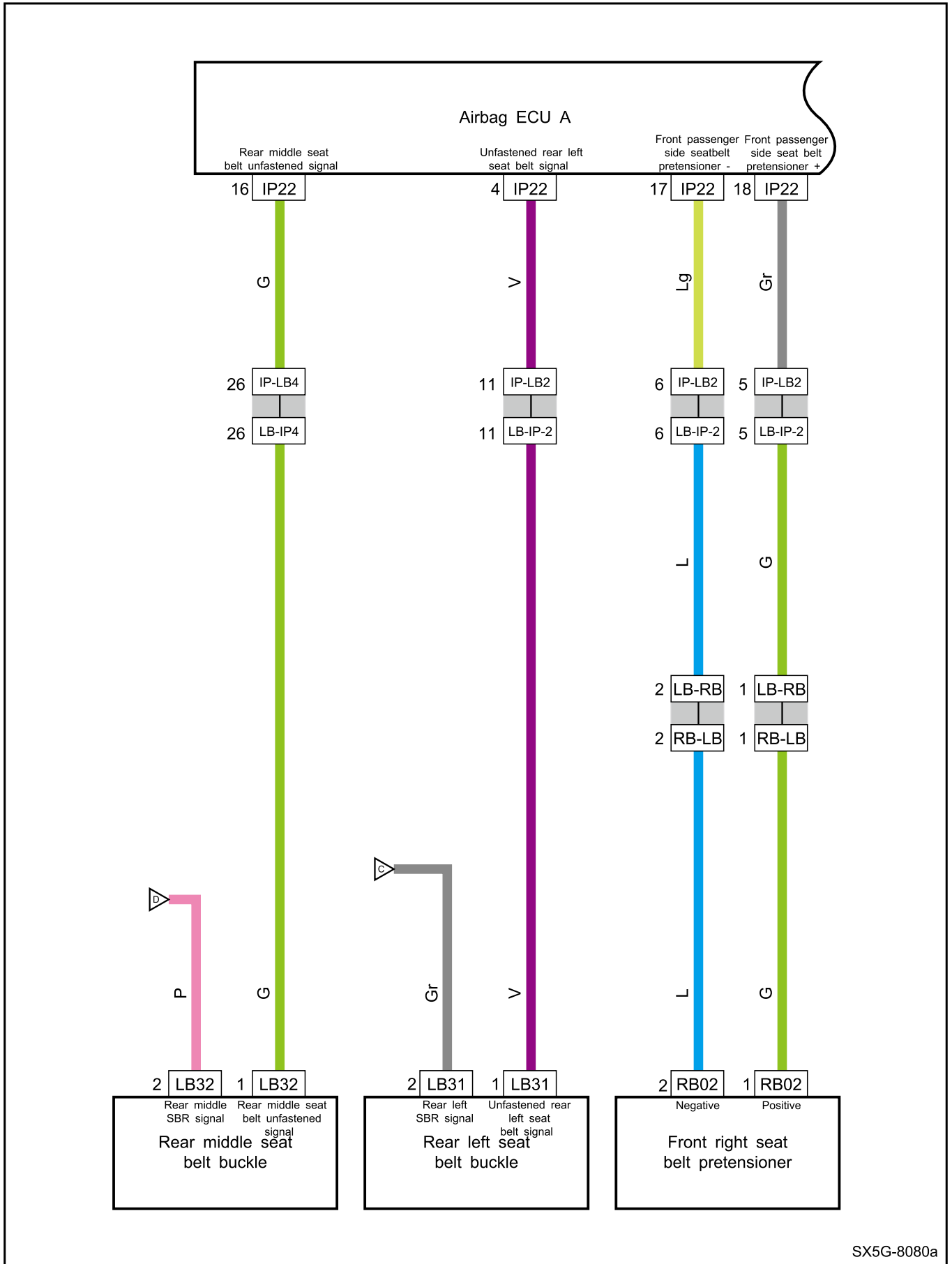


SX5G-8079a

Harness connector	Name	Page
IP22	Airbag ECU A	53
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
LB07	Front passenger's seat belt buckle	85
LB10	Front passenger's seat sensing	85
LB25	Rear left seat cushion heating	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85

Connection point	Description	Page
A	TO SRS 1	327
B	TO SRS 1	327
C	TO SRS 3	331
D	TO SRS 3	331

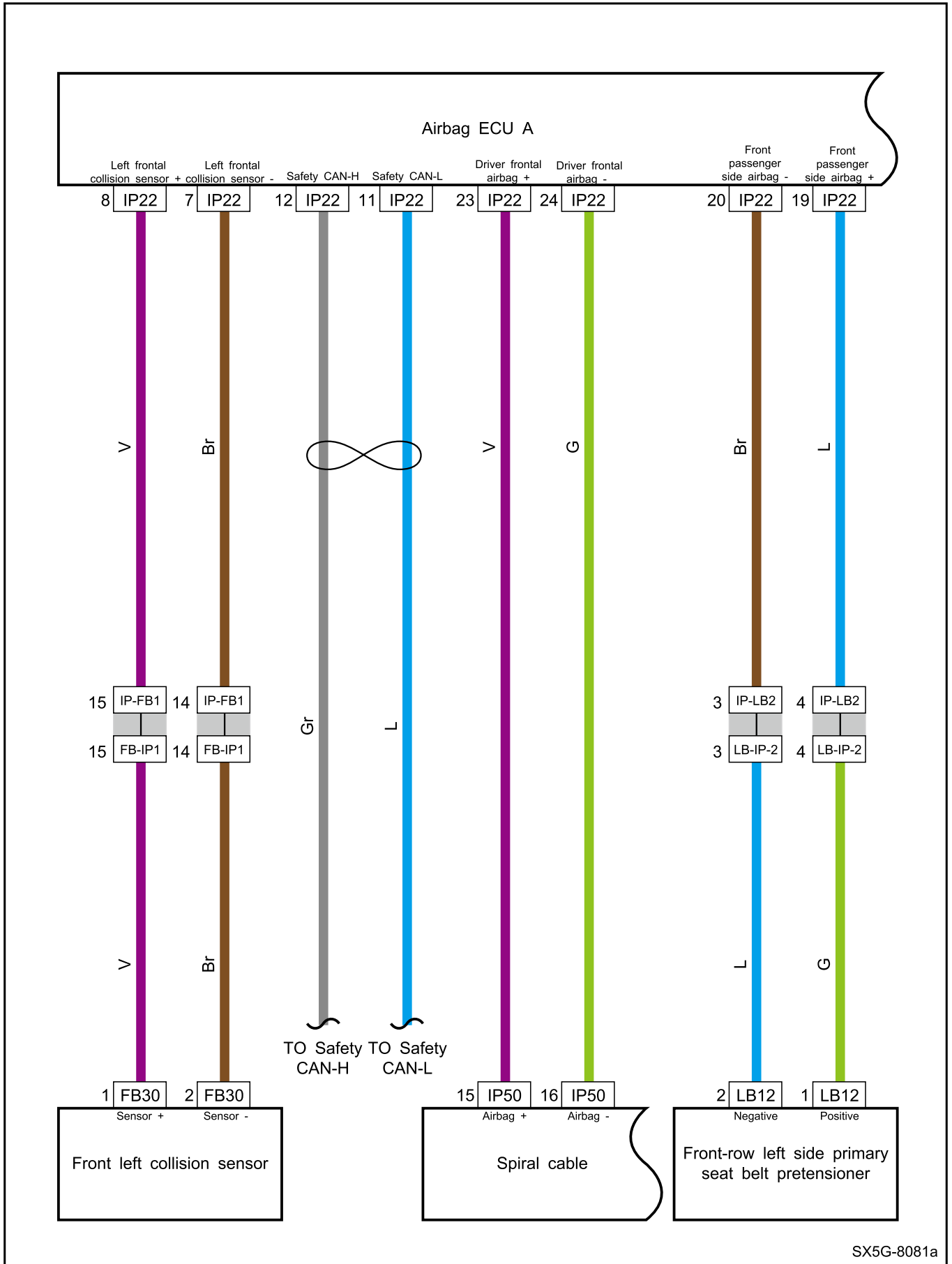
SRS 3



Harness connector	Name	Page
IP22	Airbag ECU A	53
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB31	Rear left seat belt buckle	85
LB32	Rear middle seat belt buckle	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-RB	Left body wiring harness-right body wiring harness	85
RB02	Front right seat belt pretensioner	86
RB-LB	Right body wiring harness-left body wiring harness	86

Connection point	Description	Page
C	TO SRS 2	329
D	TO SRS 2	329

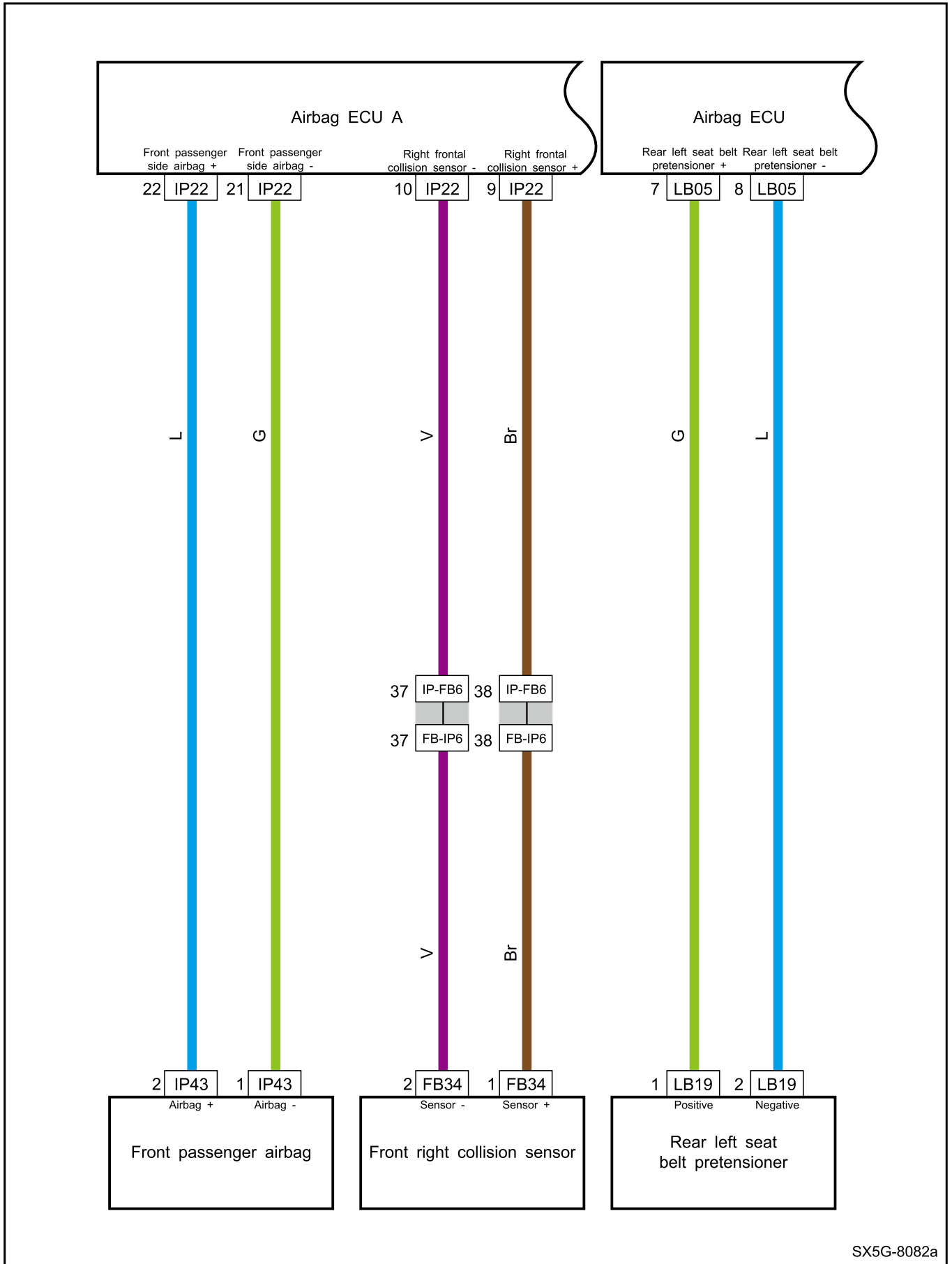
SRS 4



Harness connector	Name	Page
FB30	Front left collision sensor	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP22	Airbag ECU A	53
IP50	Spiral cable	53
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
LB12	Front-row left side primary seat belt pretensioner	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85

Connection point	Description	Page
IP22-12	TO Safety CAN-H	377
IP22-11	TO Safety CAN-L	377

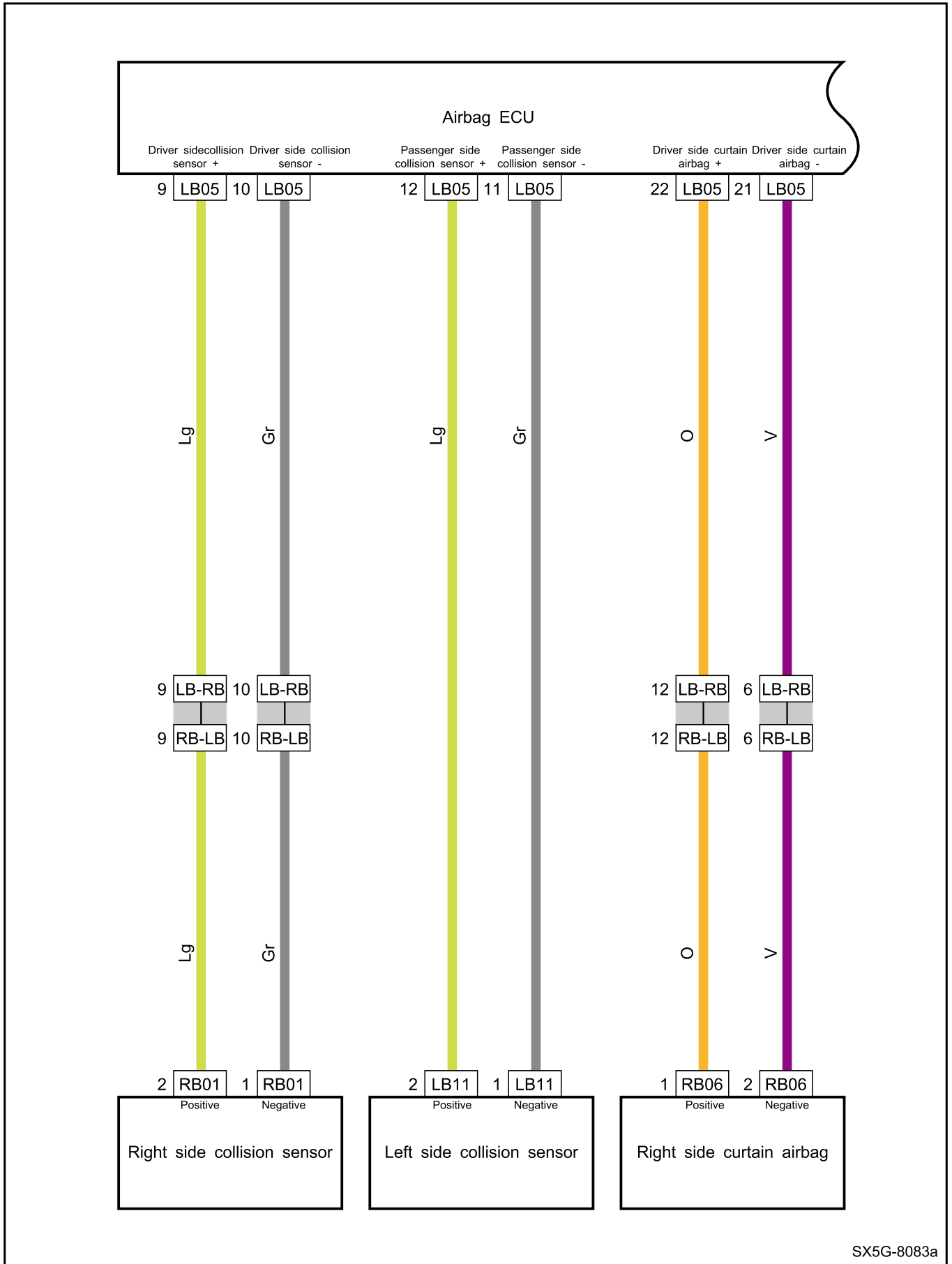
SRS 5



SX5G-8082a

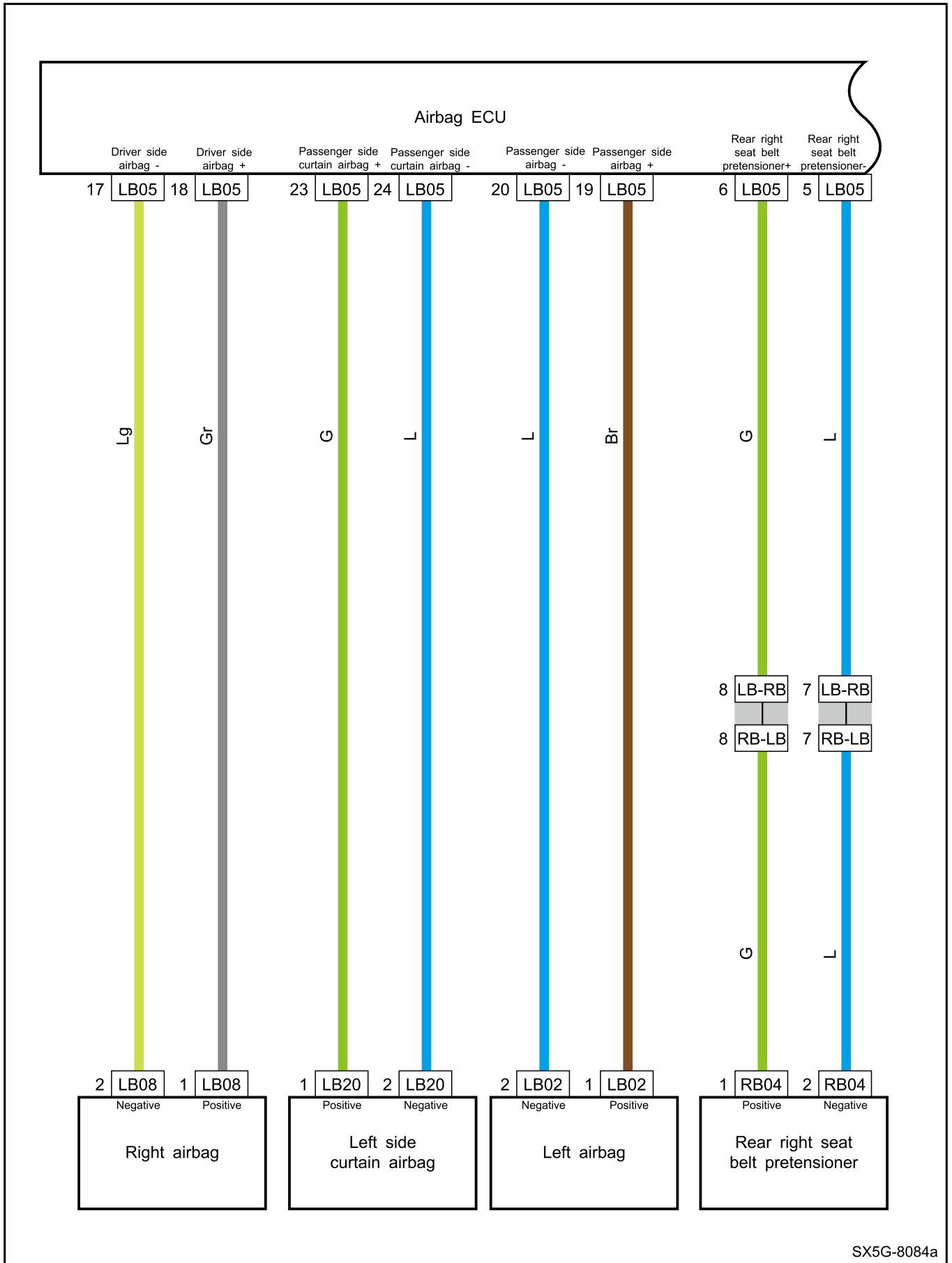
Harness connector	Name	Page
FB34	Front right collision sensor	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP22	Airbag ECU A	53
IP43	Front passenger airbag	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
LB05	Airbag ECU	85
LB19	Rear left seat belt pretensioner	85

SRS 6



Harness connector	Name	Page
LB05	Airbag ECU	85
LB11	Left side collision sensor	85
LB-RB	Left body wiring harness-right body wiring harness	85
RB01	Right side collision sensor	86
RB06	Right side curtain airbag	86
RB-LB	Right body wiring harness-left body wiring harness	86

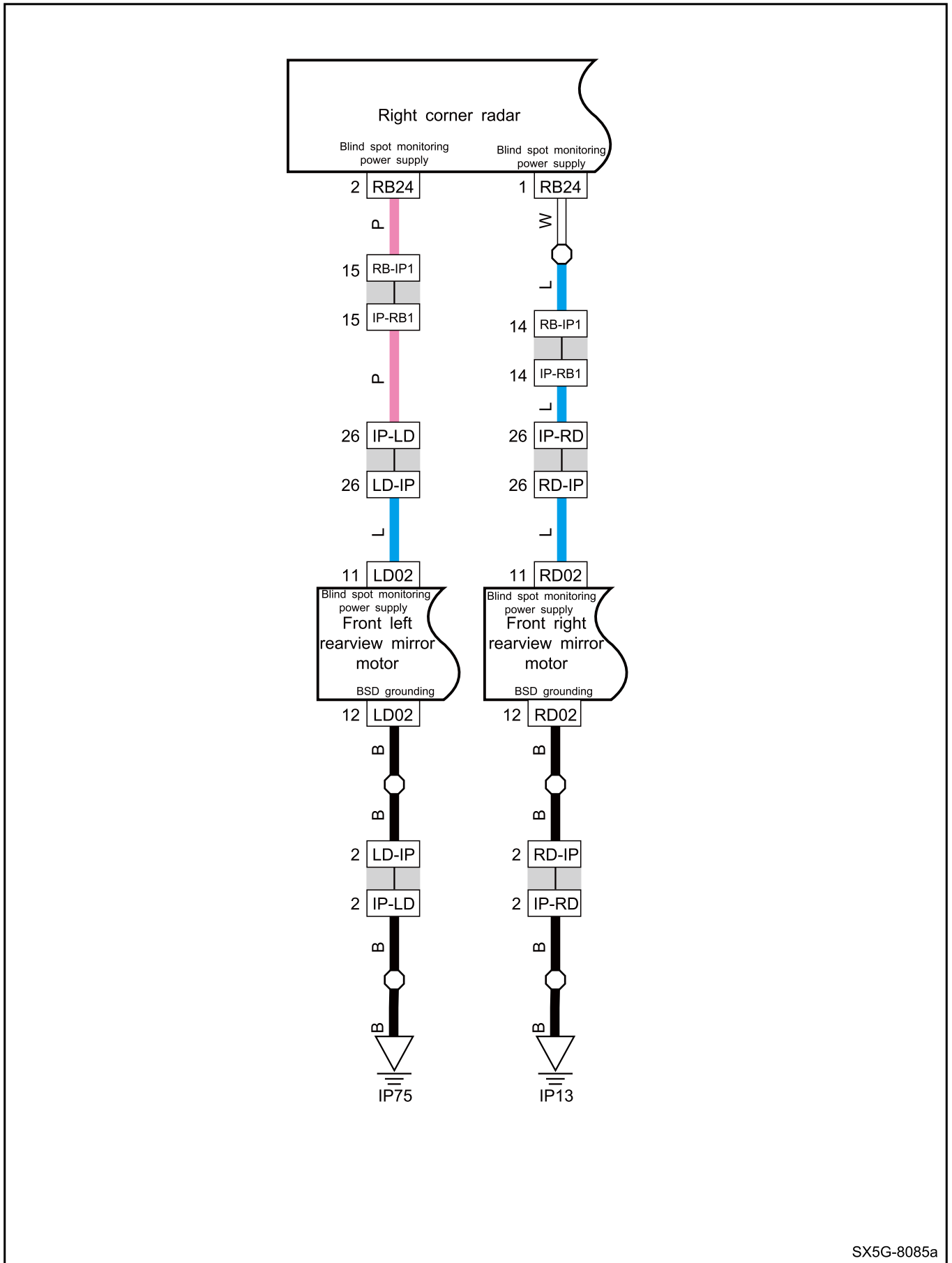
SRS 7



SX5G-8084a

Harness connector	Name	Page
LB02	Left airbag	85
LB05	Airbag ECU	85
LB08	Right airbag	85
LB20	Left side curtain airbag	85
LB-RB	Left body wiring harness-right body wiring harness	85
RB04	Rear right seat belt pretensioner	86
RB-LB	Right body wiring harness-left body wiring harness	86

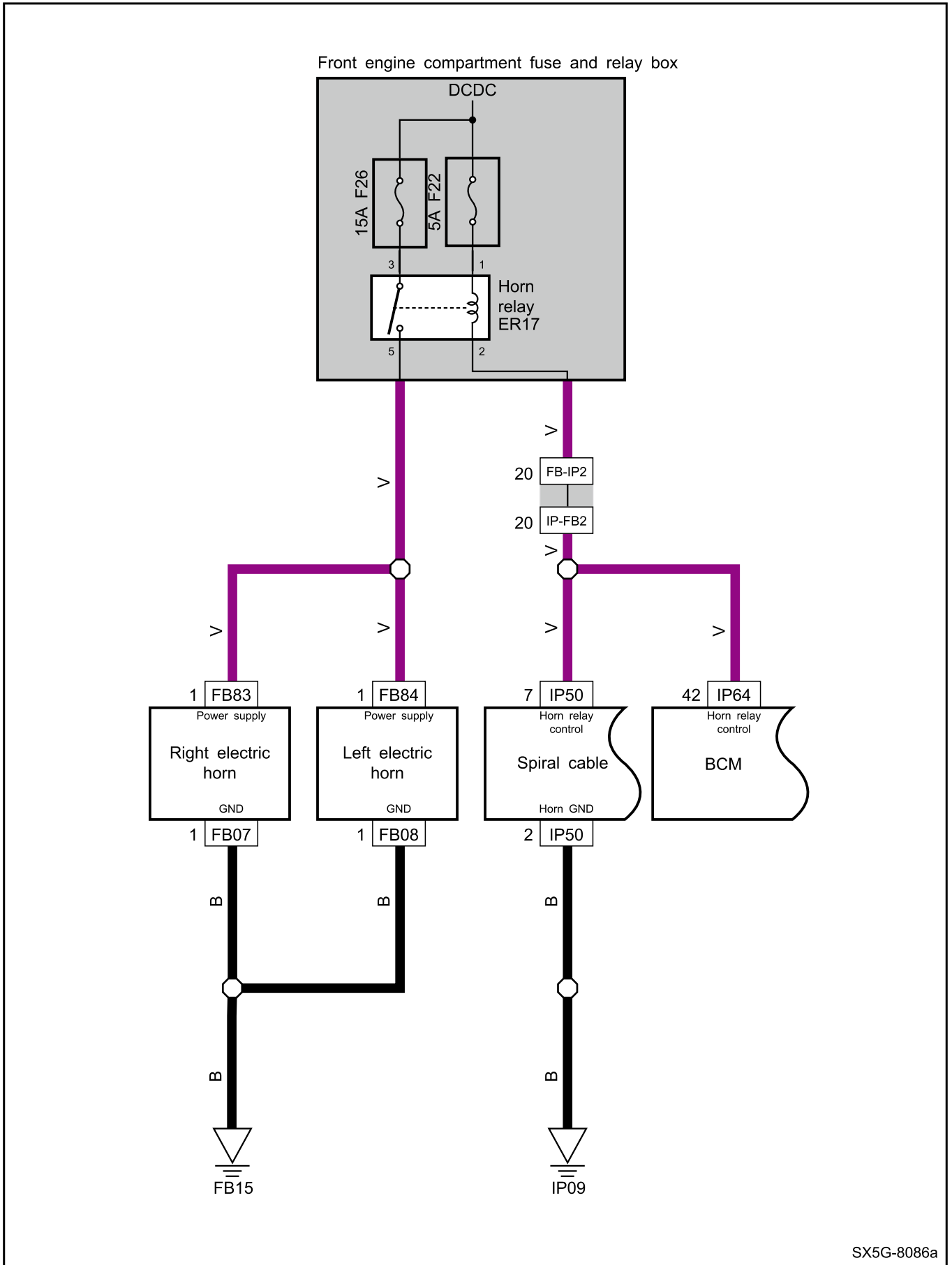
Blind spot detection



SX5G-8085a

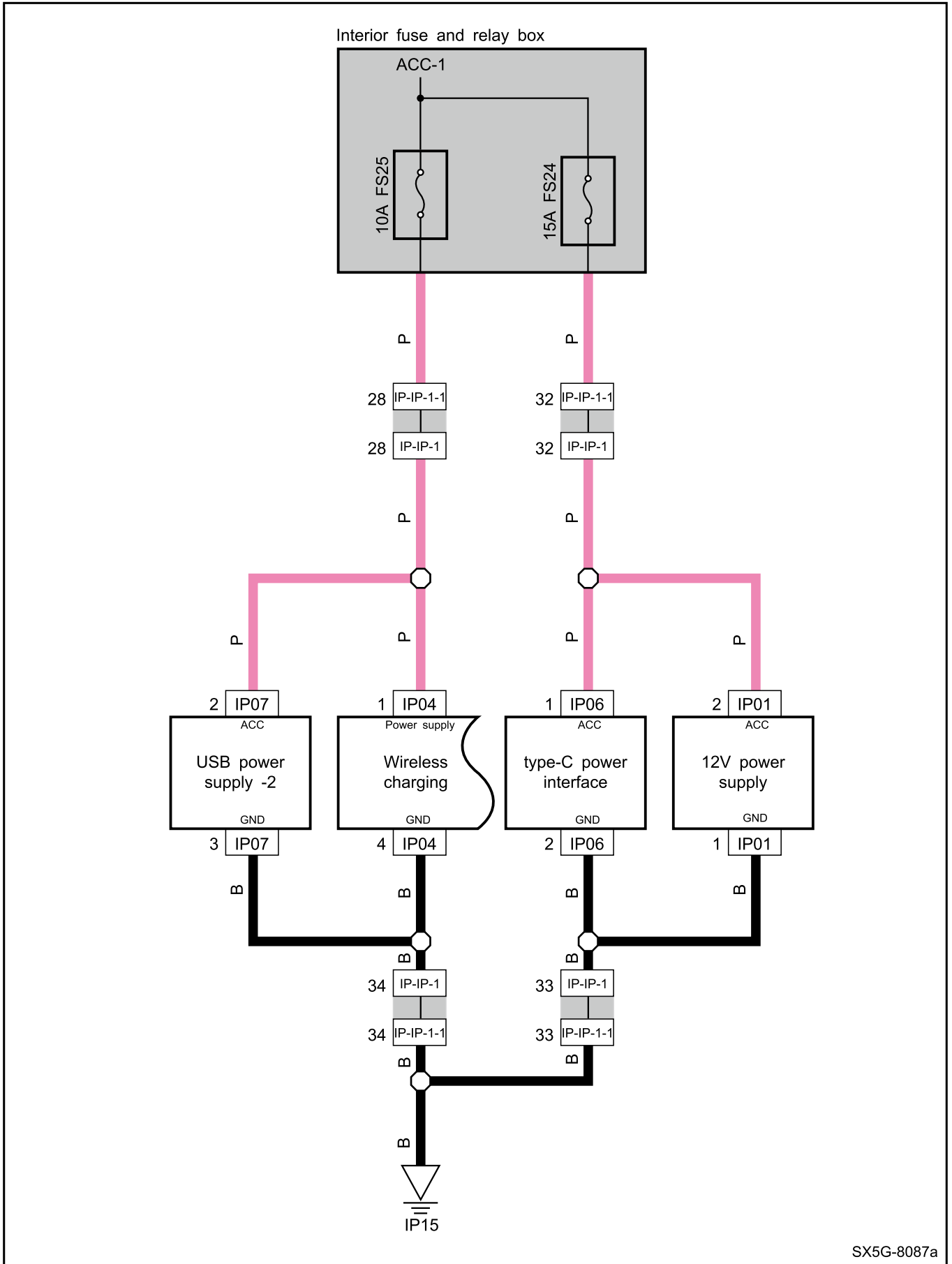
Harness connector	Name	Page
IP13	Merged GND point 6-2.1	134
IP75	Merged GND point 2	134
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RB1	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LD02	Front left rearview mirror motor	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
RB24	Right corner radar	86
RB-IP1	Right body wiring harness-instrument panel wiring harness	86
RD02	Front right rearview mirror motor	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113

Horn



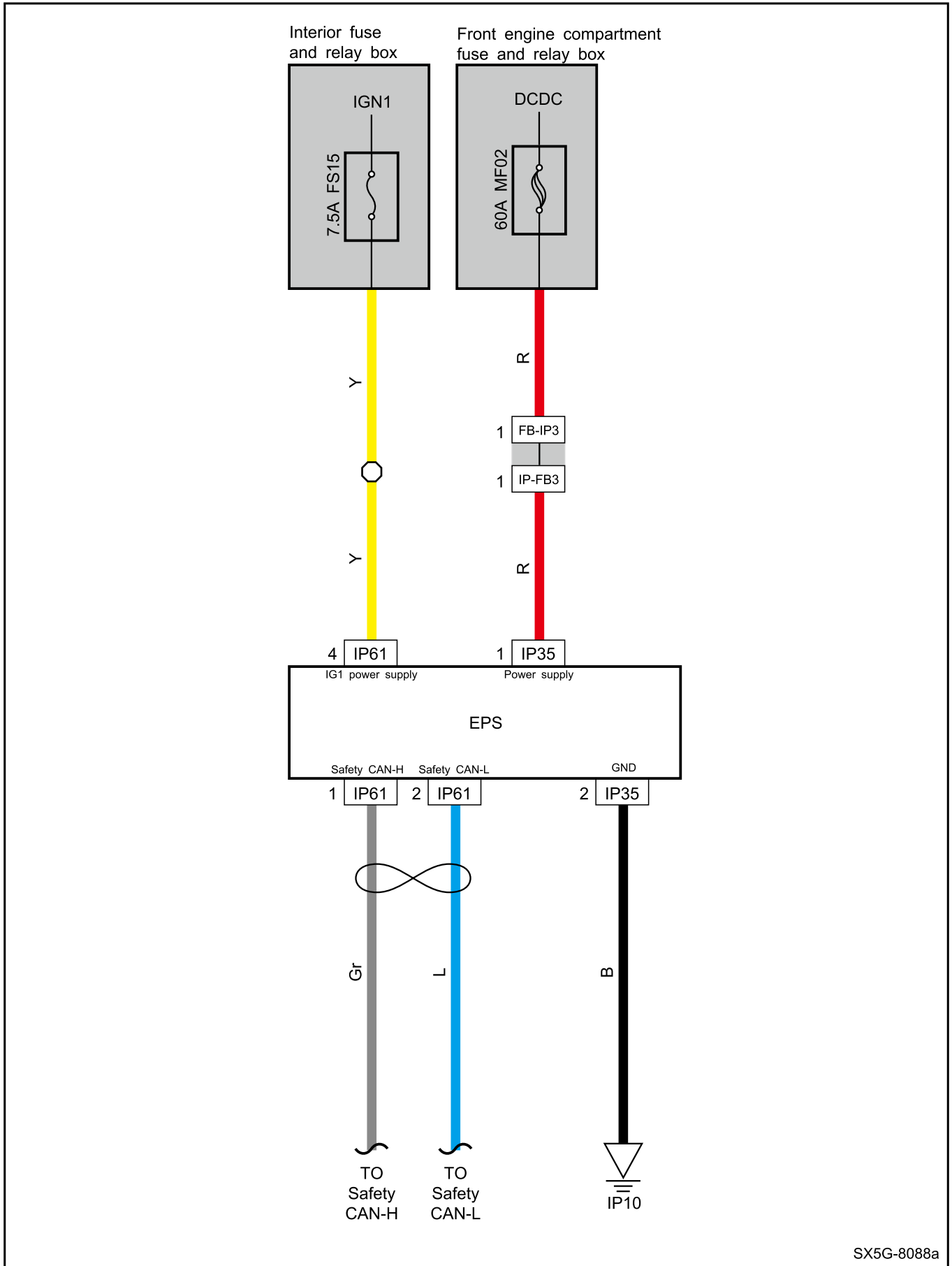
Harness connector	Name	Page
FB07	Right electric horn -	35
FB08	Left electric horn -	35
FB15	Body GND point	133
FB83	Right electric horn +	35
FB84	Left electric horn +	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP09	Merged GND point 3-2	134
IP50	Spiral cable	53
IP64	BCM-J2	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

On-board power supply



Harness connector	Name	Page
IP01	12V power supply	55
IP04	Wireless charging	55
IP06	type-C power interface	55
IP07	USB power supply -2	55
IP15	Merged GND point 7	134
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53

EPS

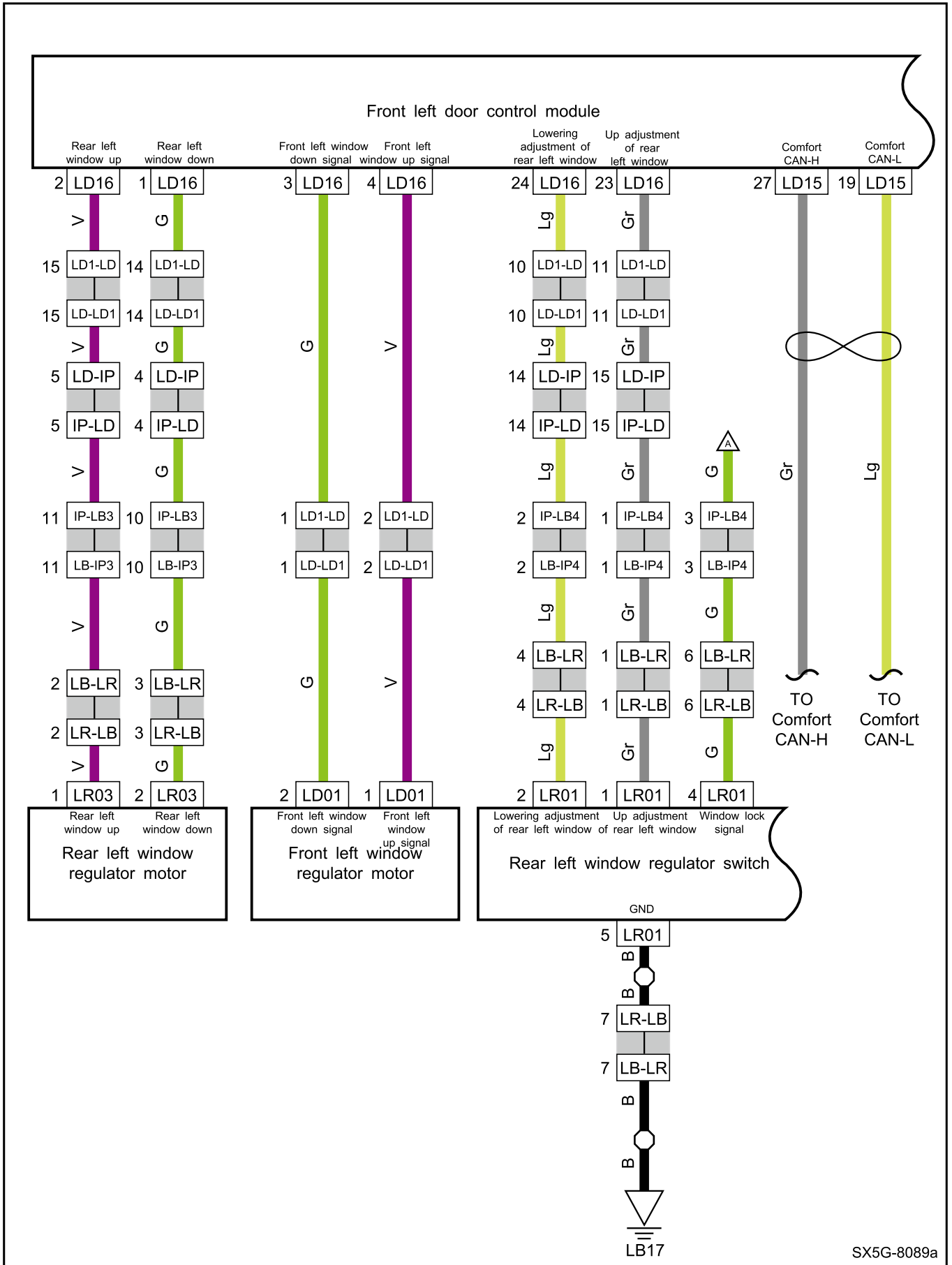


SX5G-8088a

Harness connector	Name	Page
FB-IP3	Engine compartment wiring harness-instrument panel wiring harness(2PIN)	35
IP10	Merged GND point 4	134
IP35	EPS power supply	54
IP61	EPS	53
IP-FB3	Instrument panel wiring harness-engine compartment wiring harness(2PIN)	54

Connection point	Description	Page
IP61-1	TO Safety CAN-H	377
IP61-2	TO Safety CAN-L	377

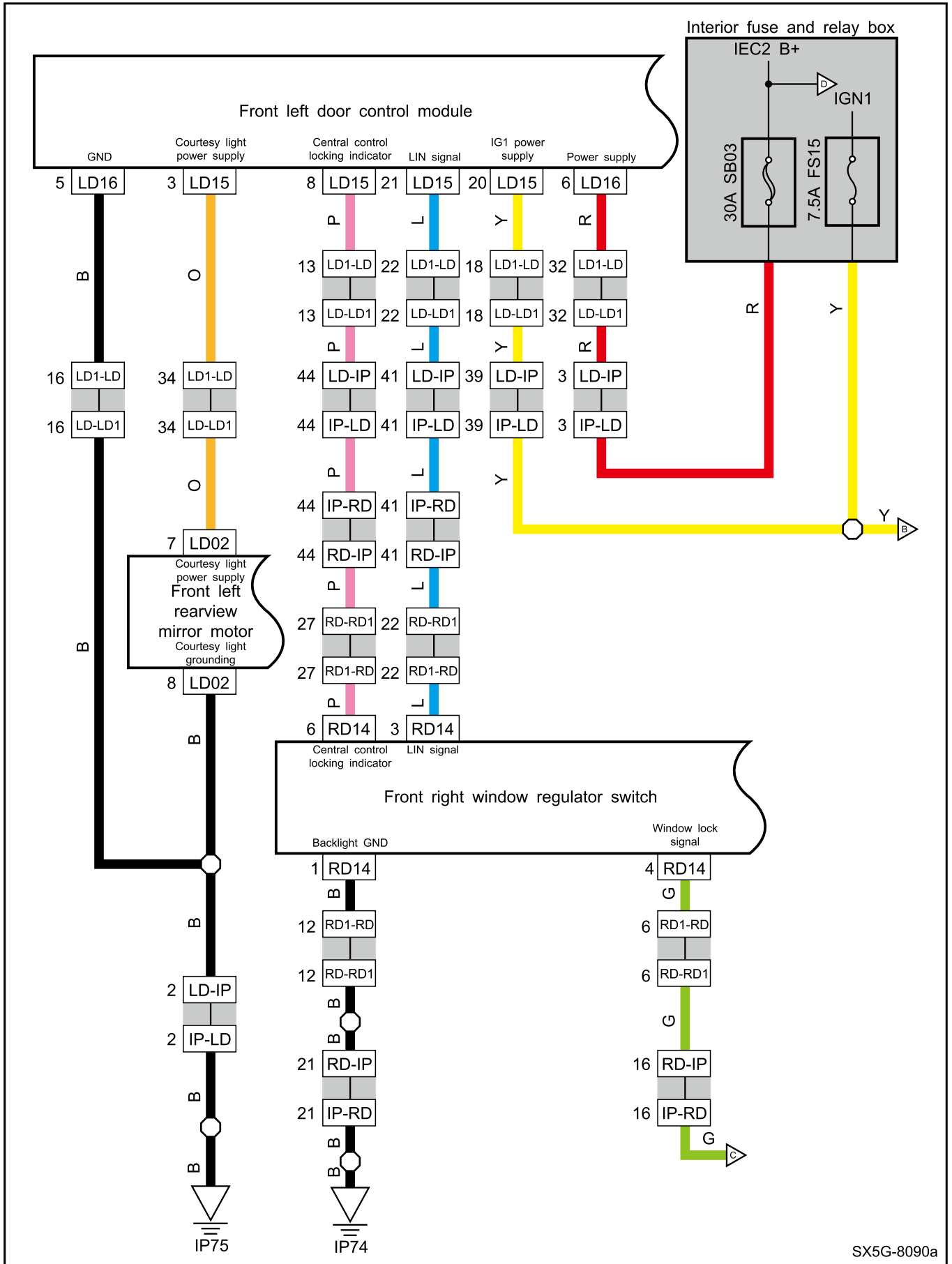
Power window 1



Harness connector	Name	Page
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
LB17	Body GND point	135
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85
LB-LR	Left body wiring harness-rear door wiring harness	85
LD01	Front left window regulator motor	112
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD15	Front left door control module L	112
LD16	Front left door control module R	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112
LR01	Rear left window regulator switch	114
LR03	Rear left window regulator motor	114
LR-LB	Left rear door wiring harness-left body wiring harness	114

Connection point	Description	Page
A	TO Power window 4	355
LD15-27	TO Comfort CAN-H	387
LD15-19	TO Comfort CAN-L	387

Power window 2

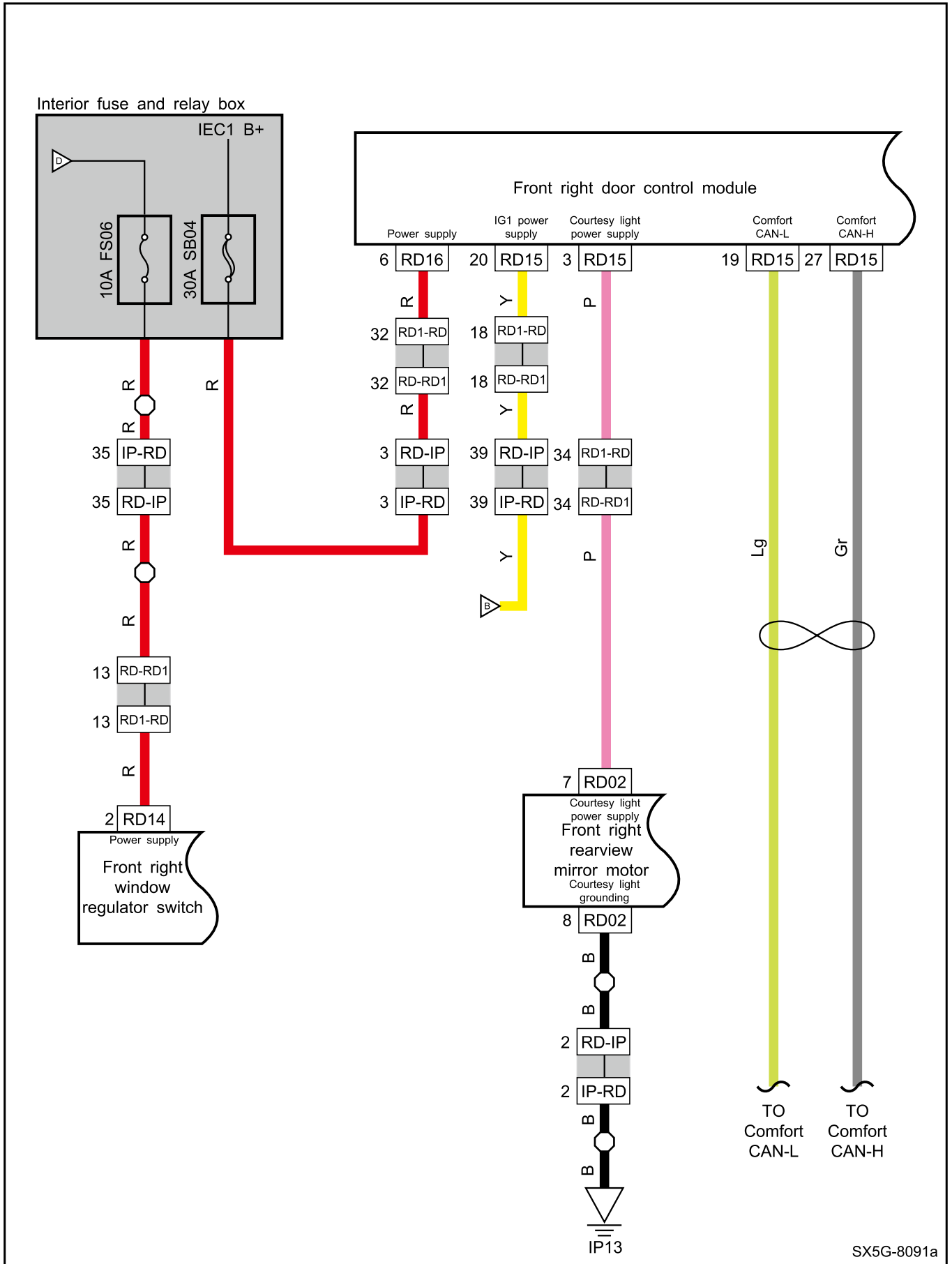


SX5G-8090a

Harness connector	Name	Page
IP74	Merged GND points 1-2	134
IP75	Merged GND point 2	134
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD02	Front left rearview mirror motor	112
LD15	Front left door control module L	112
LD16	Front left door control module R	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD14	Front right window regulator switch	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

Connection point	Description	Page
B	TO Power window 3	353
C	TO Power window 4	355
D	TO Power window 3	353

Power window 3



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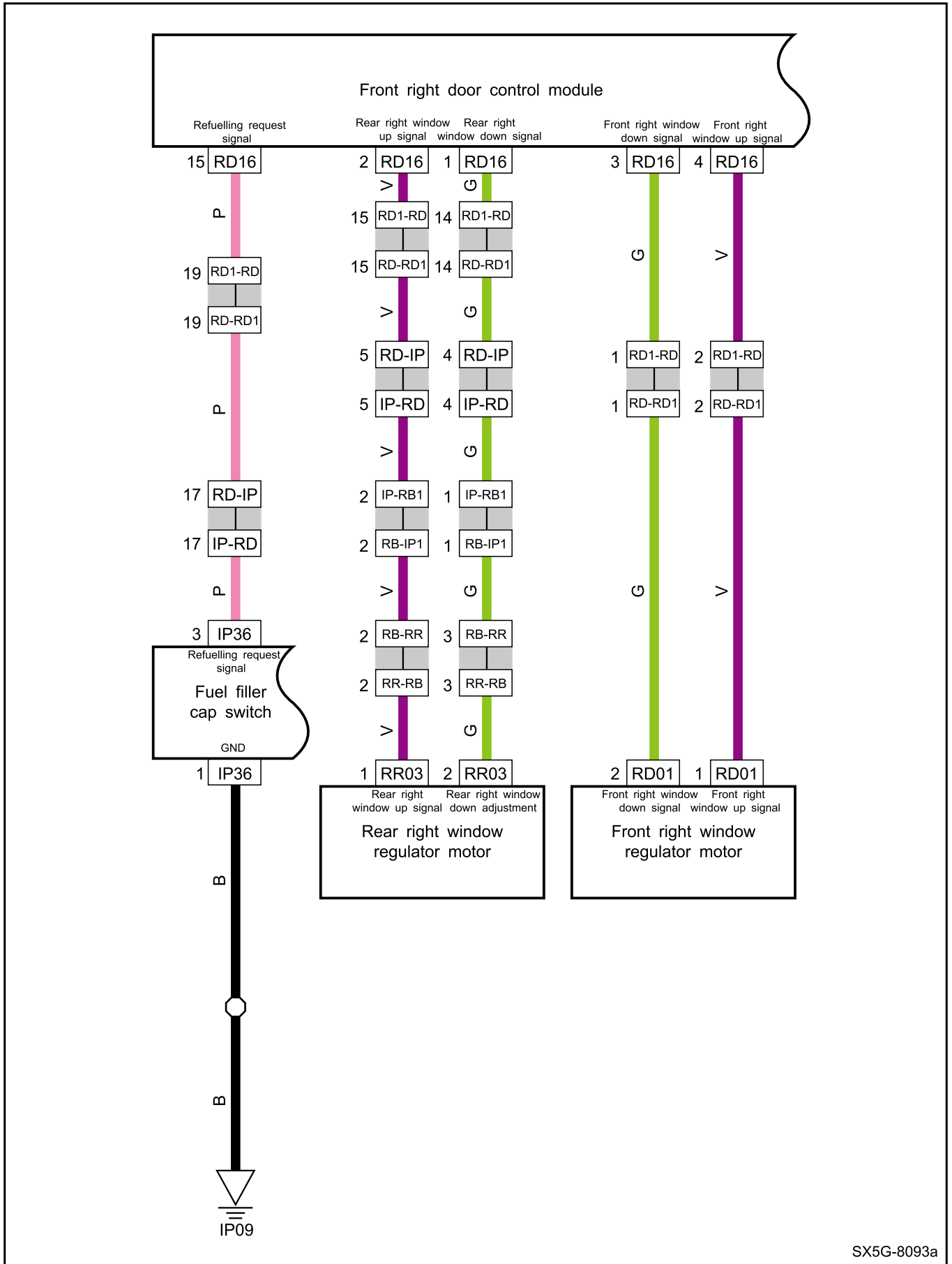
Harness connector	Name	Page
IP13	Merged GND point 6-2.1	134
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD02	Front right rearview mirror motor	113
RD14	Front right window regulator switch	113
RD15	Front right door control module L	113
RD16	Front right door control module R	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

Connection point	Description	Page
B	TO Power window 2	351
RD15-19	TO Comfort CAN-L	387
RD15-27	TO Comfort CAN-H	387

Harness connector	Name	Page
IP11	Merged GND point 5	134
IP13	Merged GND point 6-2.1	134
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RB1	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD14	Front left window regulator switch	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112
RB11	Body GND point 1.1	136
RB-IP1	Right body wiring harness-instrument panel wiring harness	86
RB-RR	Right body wiring harness-right rear door wiring harness	86
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD16	Front right door control module R	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113
RR01	Rear right window regulator switch	115
RR-RB	Right rear door wiring harness-right body wiring harness	115

Connection point	Description	Page
A	TO Power window 1	349
C	TO Power window 2	351

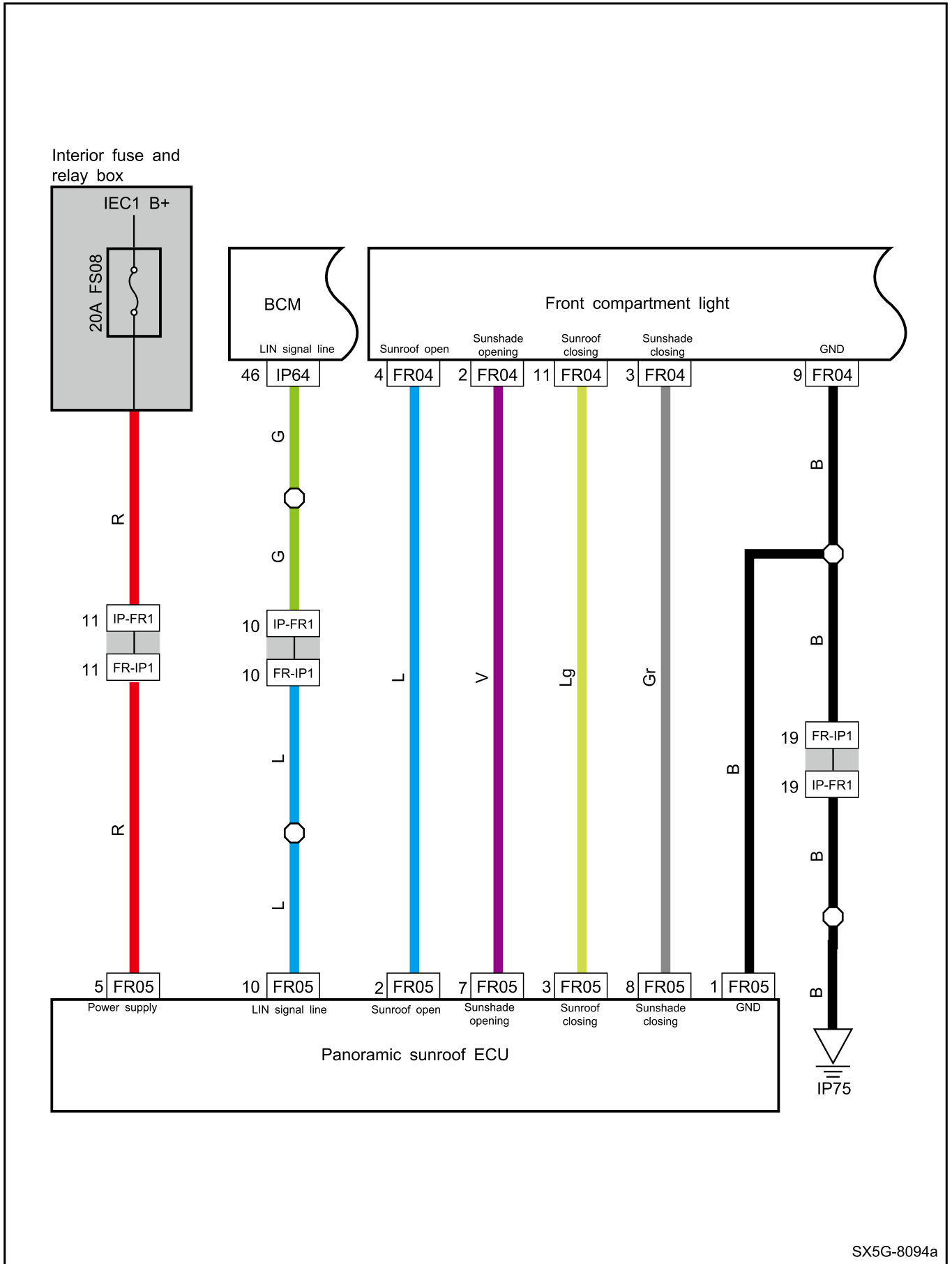
Power window 5



SX5G-8093a

Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP36	Fuel filler cap switch	53
IP-RB1	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
RB-IP1	Right body wiring harness-instrument panel wiring harness	86
RB-RR	Right body wiring harness-right rear door wiring harness	86
RD01	Front right window regulator motor	113
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD16	Front right door control module R	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113
RR03	Rear right window regulator motor	115
RR-RB	Right rear door wiring harness-right body wiring harness	115

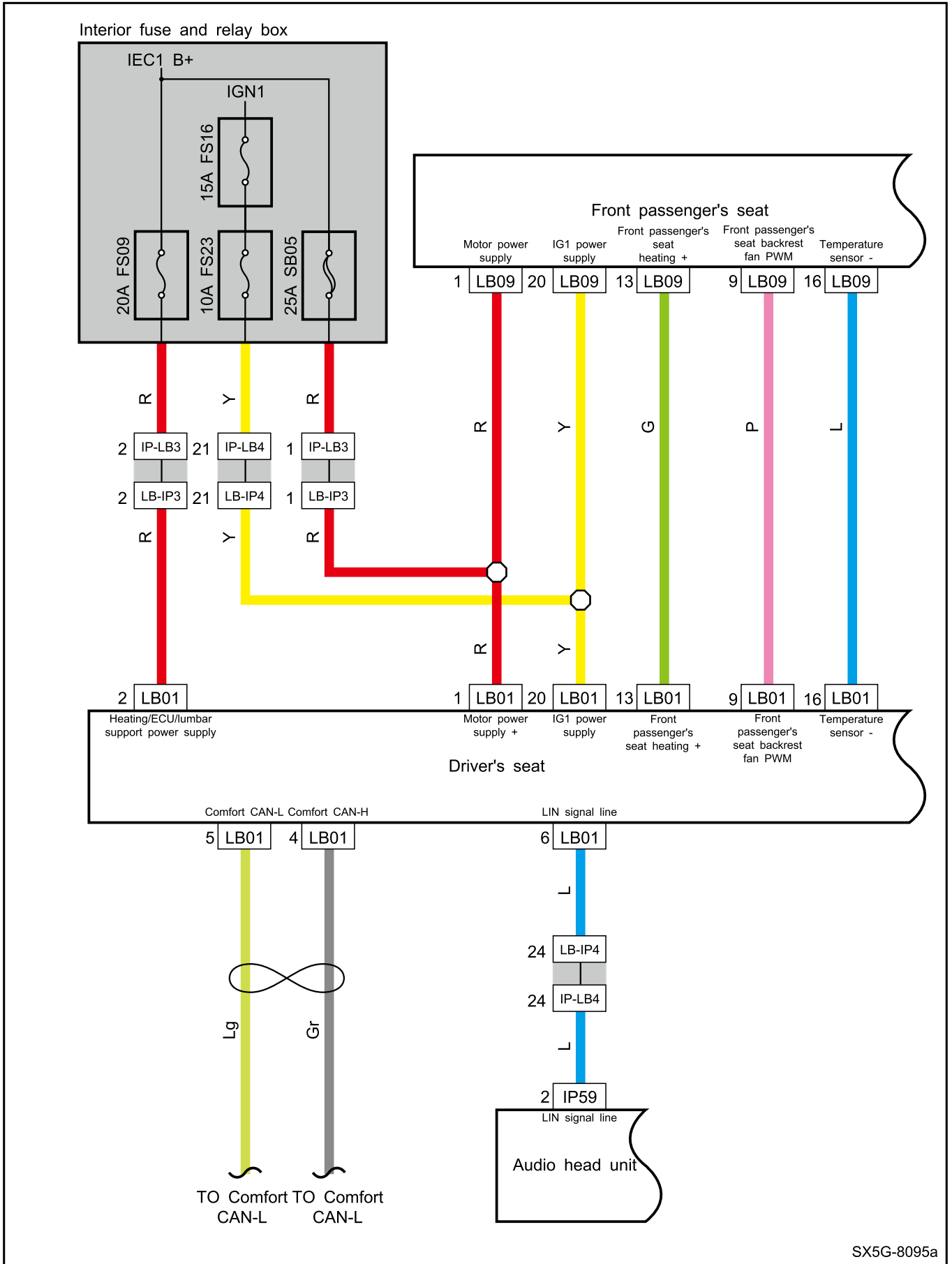
Power sunroof



SX5G-8094a

Harness connector	Name	Page
FR04	Front compartment light	78
FR05	Panoramic sunroof ECU	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP64	BCM-J2	53
IP75	Merged GND point 2	134
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

Power seat control system 1

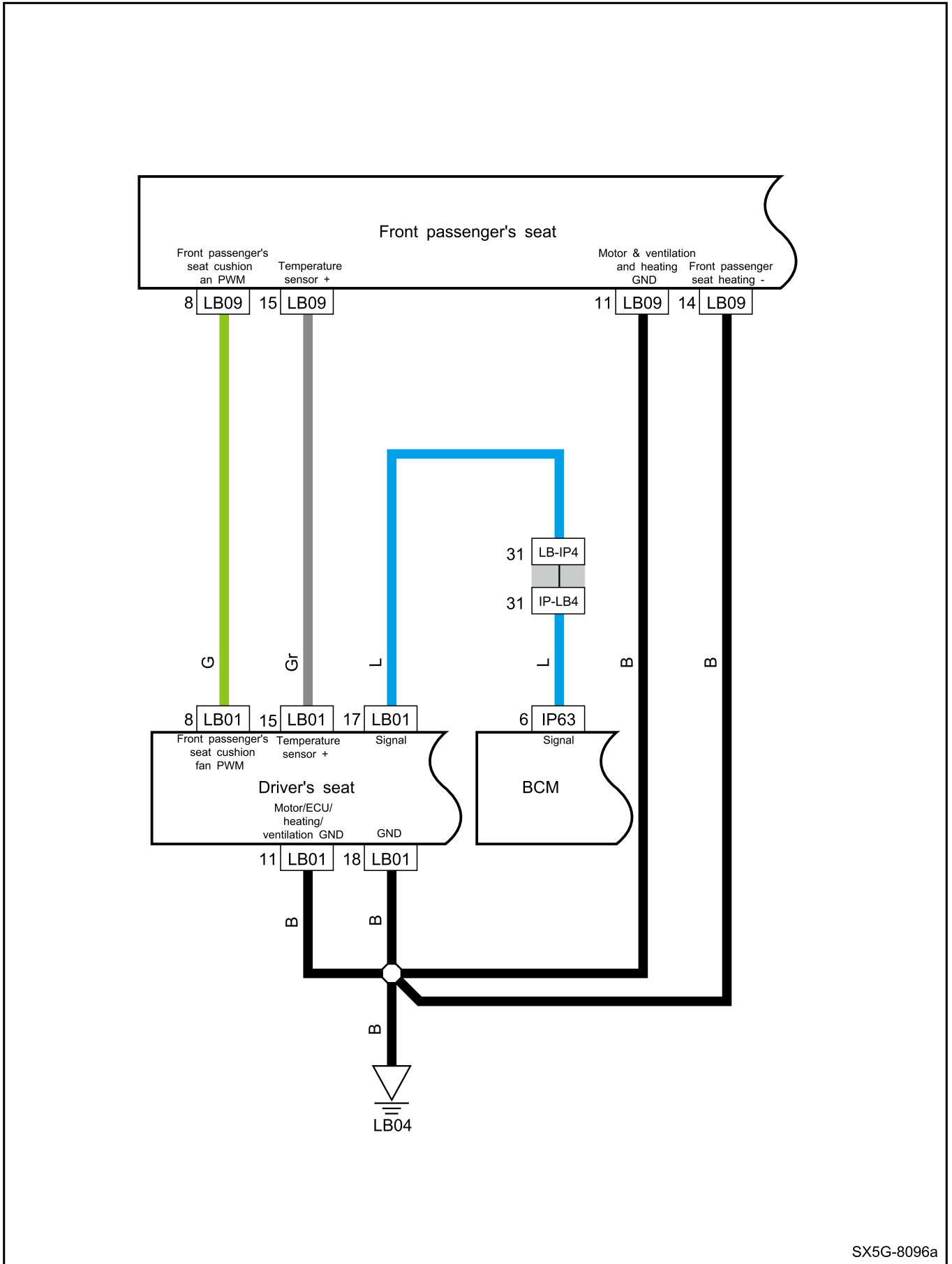


SX5G-8095a

Harness connector	Name	Page
IP59	Audio head unit A	54
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB01	Driver's seat	85
LB09	Front passenger's seat	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
LB01-5	TO Comfort CAN-L	387
LB01-4	TO Comfort CAN-H	387

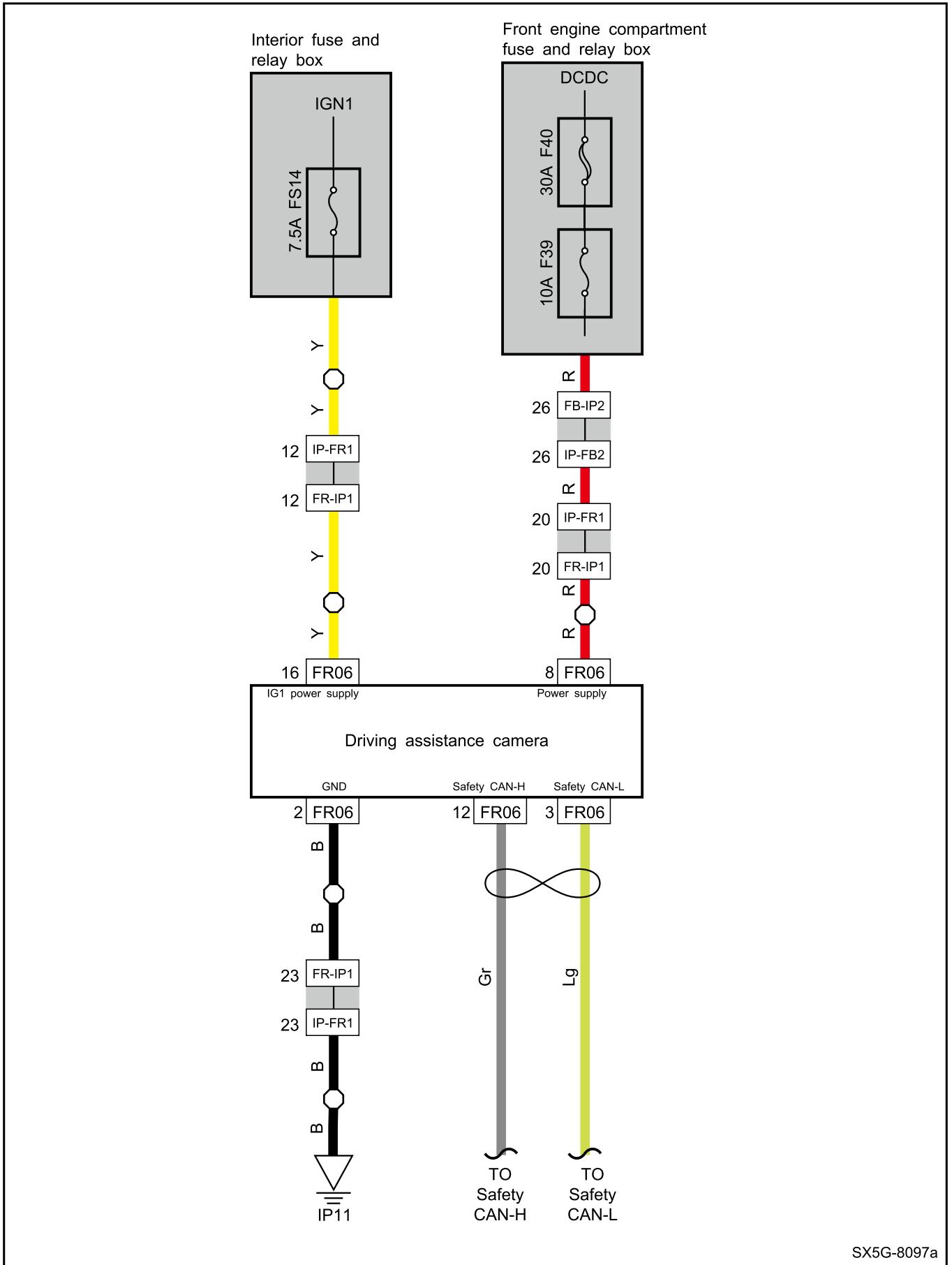
Power seat control system 2



SX5G-8096a

Harness connector	Name	Page
IP63	BCM-J1	53
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB01	Driver's seat	85
LB04	Body GND point 1.1	135
LB09	Front passenger's seat	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

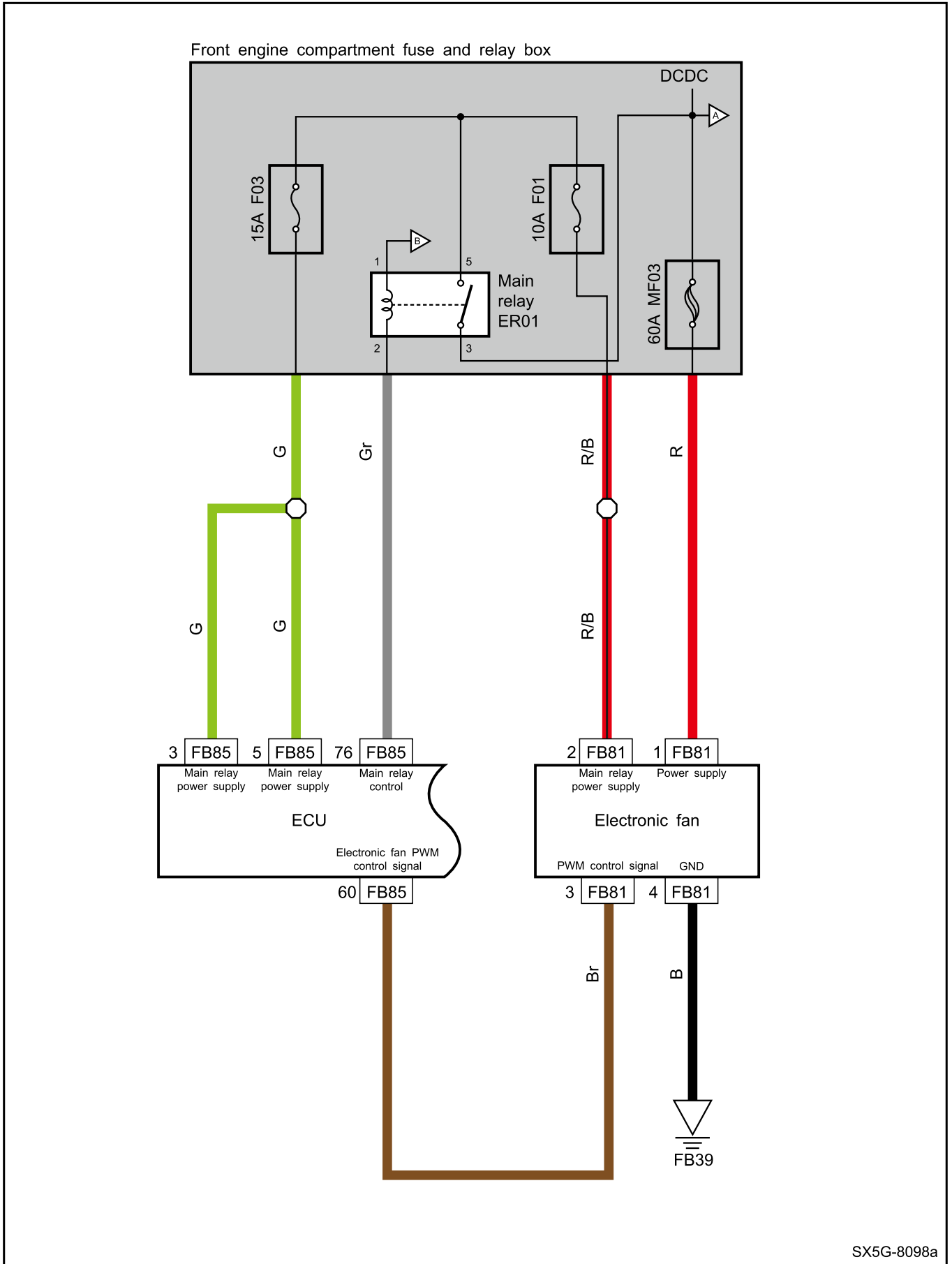
Driver assistance



Harness connector	Name	Page
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR06	Driving assistance camera	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP11	Merged GND point 5	134
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

Connection point	Description	Page
FR06-12	TO Safety CAN-H	377
FR06-3	TO Safety CAN-L	377

Cooling system 1

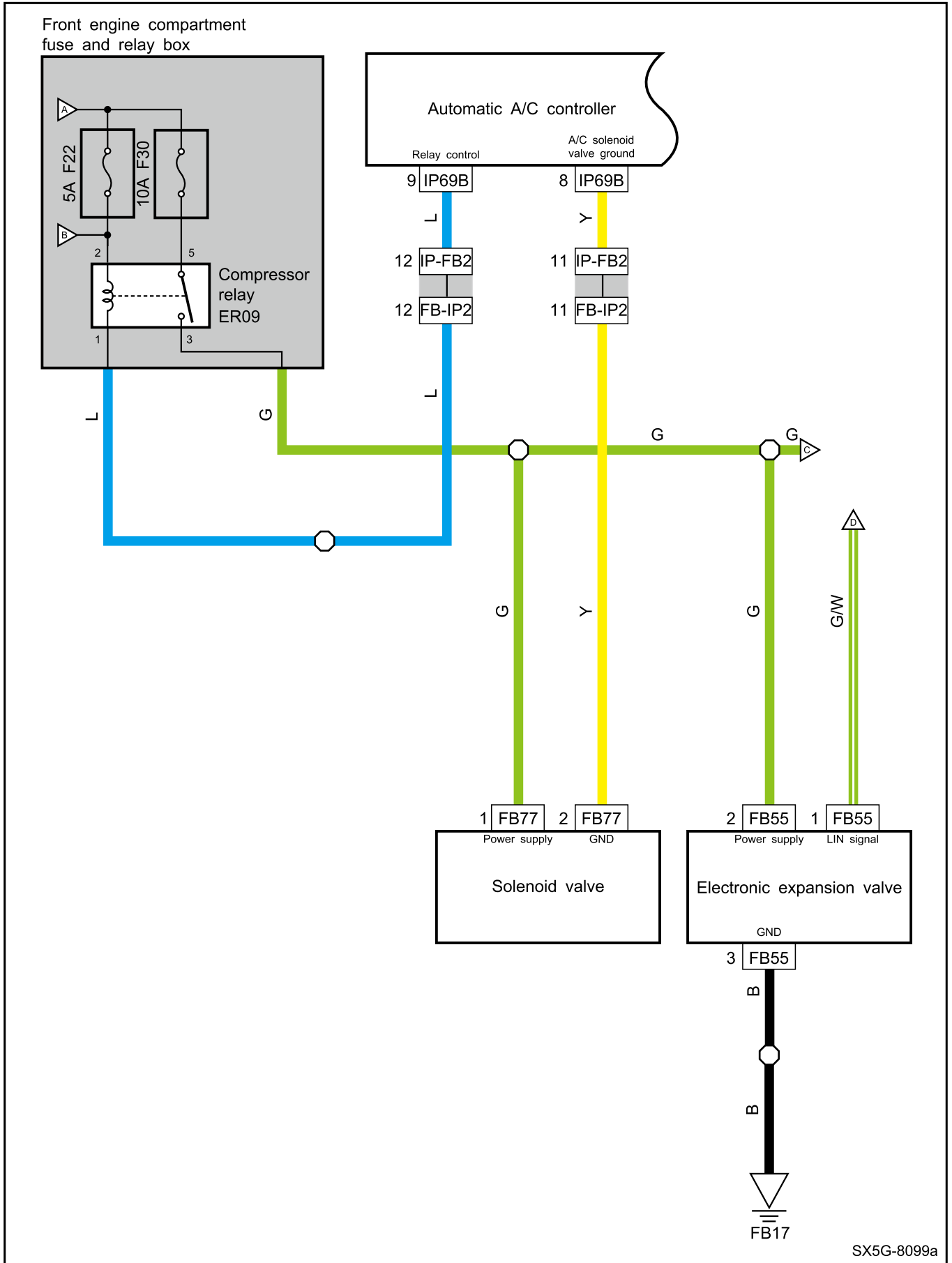


SX5G-8098a

Harness connector	Name	Page
FB39	Body GND point 4	133
FB81	Electronic fan	35
FB85	Engine ECU-K	35

Connection point	Description	Page
A	TO Cooling system 2	369
B	TO Cooling system 2	369

Cooling system 2

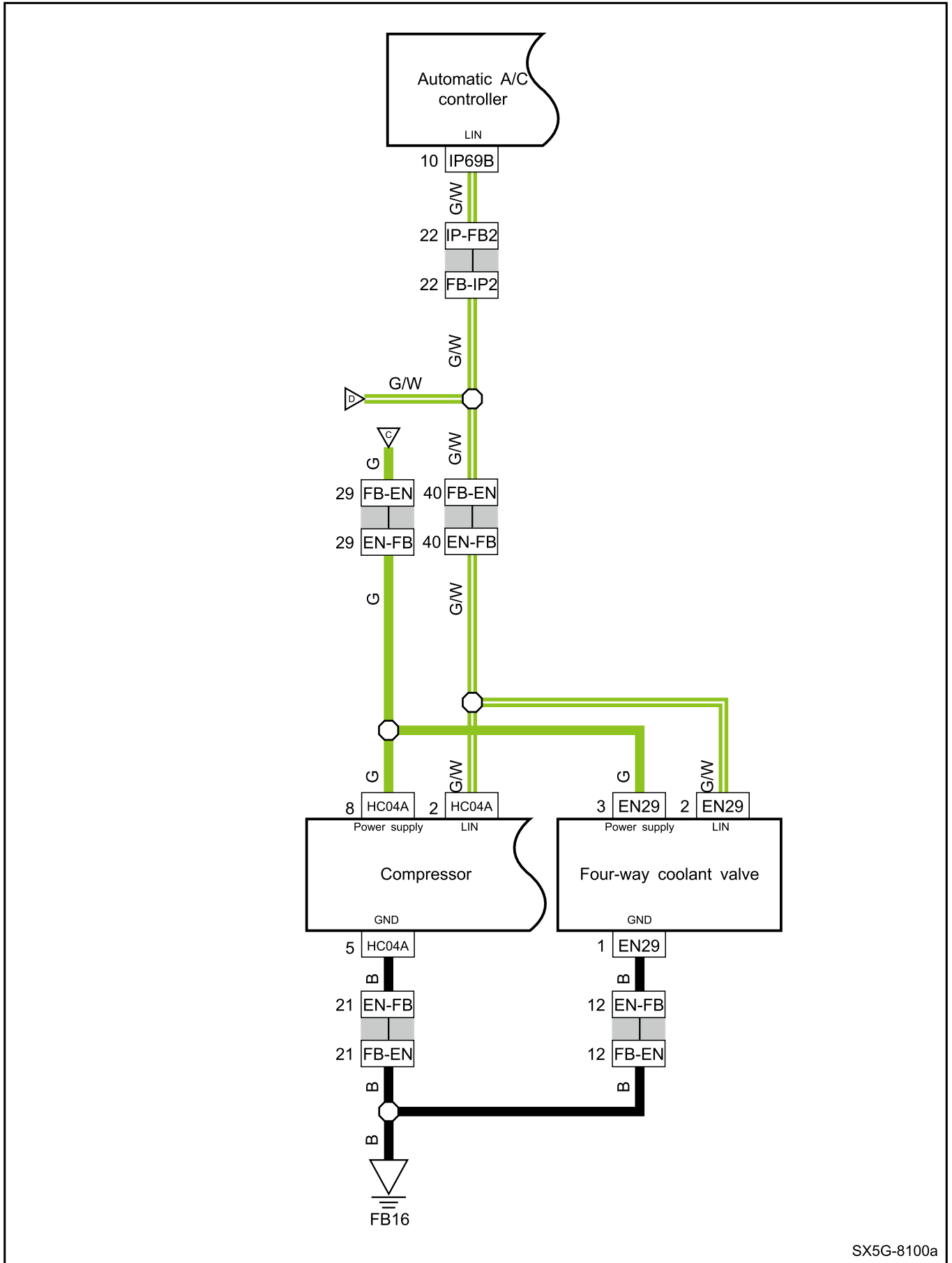


SX5G-8099a

Harness connector	Name	Page
FB17	Body GND point 3	133
FB55	Electronic expansion valve	35
FB77	Solenoid valve	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP69B	Automatic A/C controller B	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
A	TO Cooling system 1	367
B	TO Cooling system 1	367
C	TO Cooling system 3	371
D	TO Cooling system 3	371

Cooling system 3

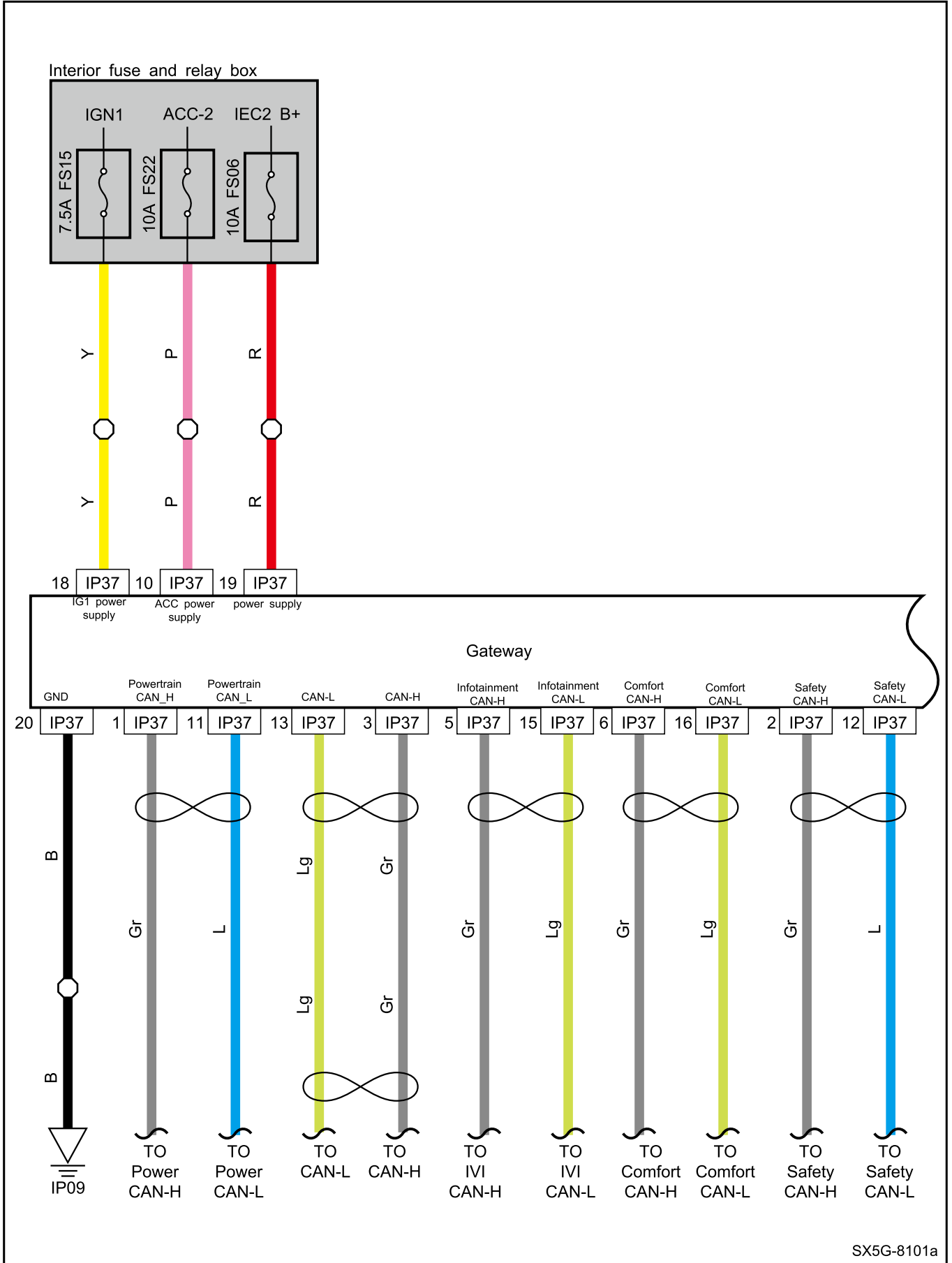


SX5G-8100a

Harness connector	Name	Page
EN29	Four-way coolant valve	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB16	GND point 2	133
FB-EN	Engine compartment wiring harness-engine wiring harness	35
FB-IP2	Engine compartment wiring harness-instrument panel wiring harness(left)	35
HC04A	Compressor	26
IP69B	Automatic A/C controller B	53
IP-FB2	Instrument panel wiring harness-engine compartment wiring harness(left)	54

Connection point	Description	Page
C	TO Cooling system 2	369
D	TO Cooling system 2	369

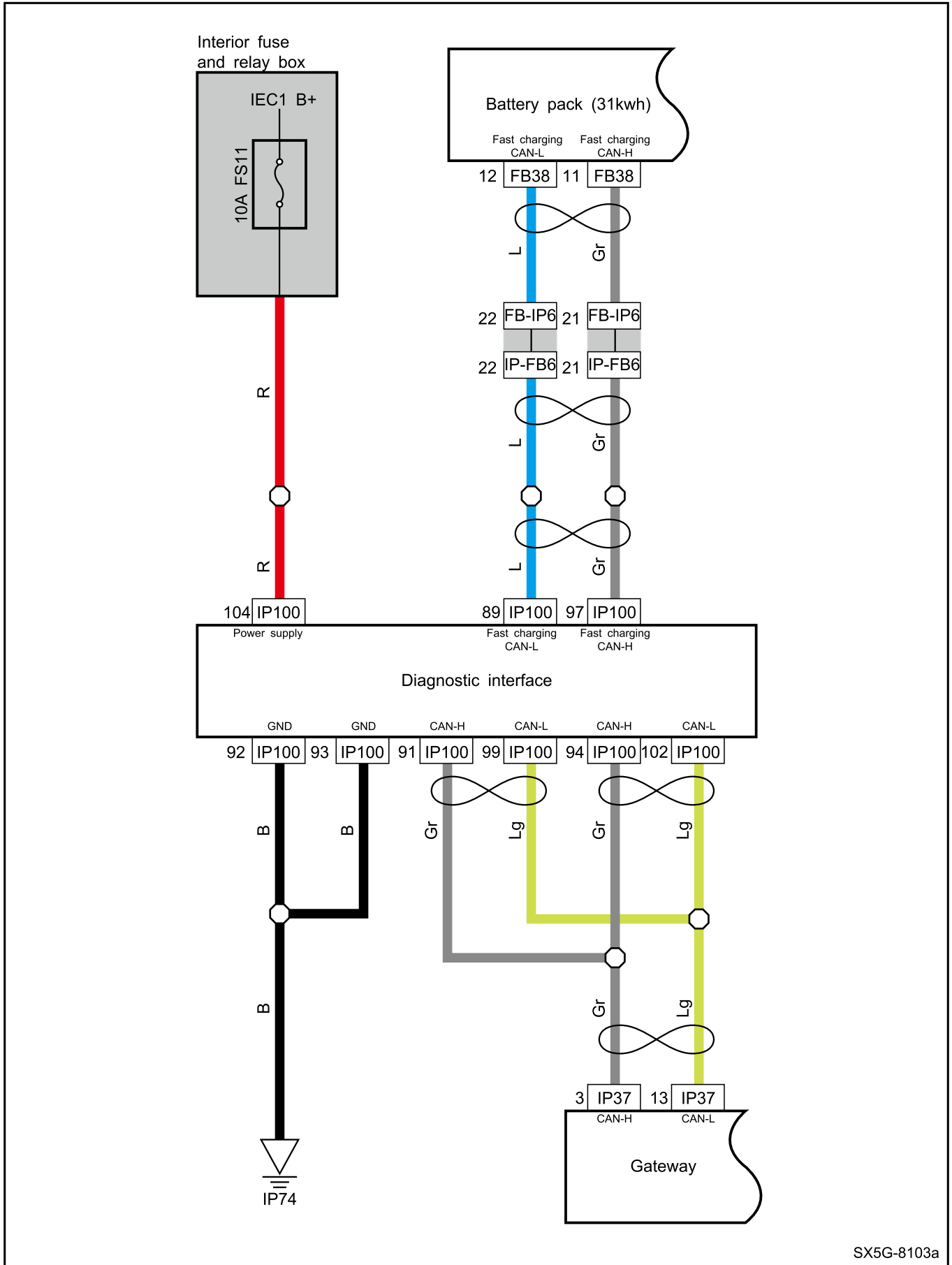
Gateway



Harness connector	Name	Page
IP09	Merged GND point 3-2	134
IP37	Gateway	53

Connection point	Description	Page
IP37-1	TO Power CAN-H	383
IP37-11	TO Power CAN-L	383
IP37-5	TO IVI CAN-H	385
IP37-15	TO IVI CAN-L	385
IP37-6	TO Comfort CAN-H	387
IP37-16	TO Comfort CAN-L	387
IP37-2	TO Safety CAN-H	377
IP37-12	TO Safety CAN-L	377

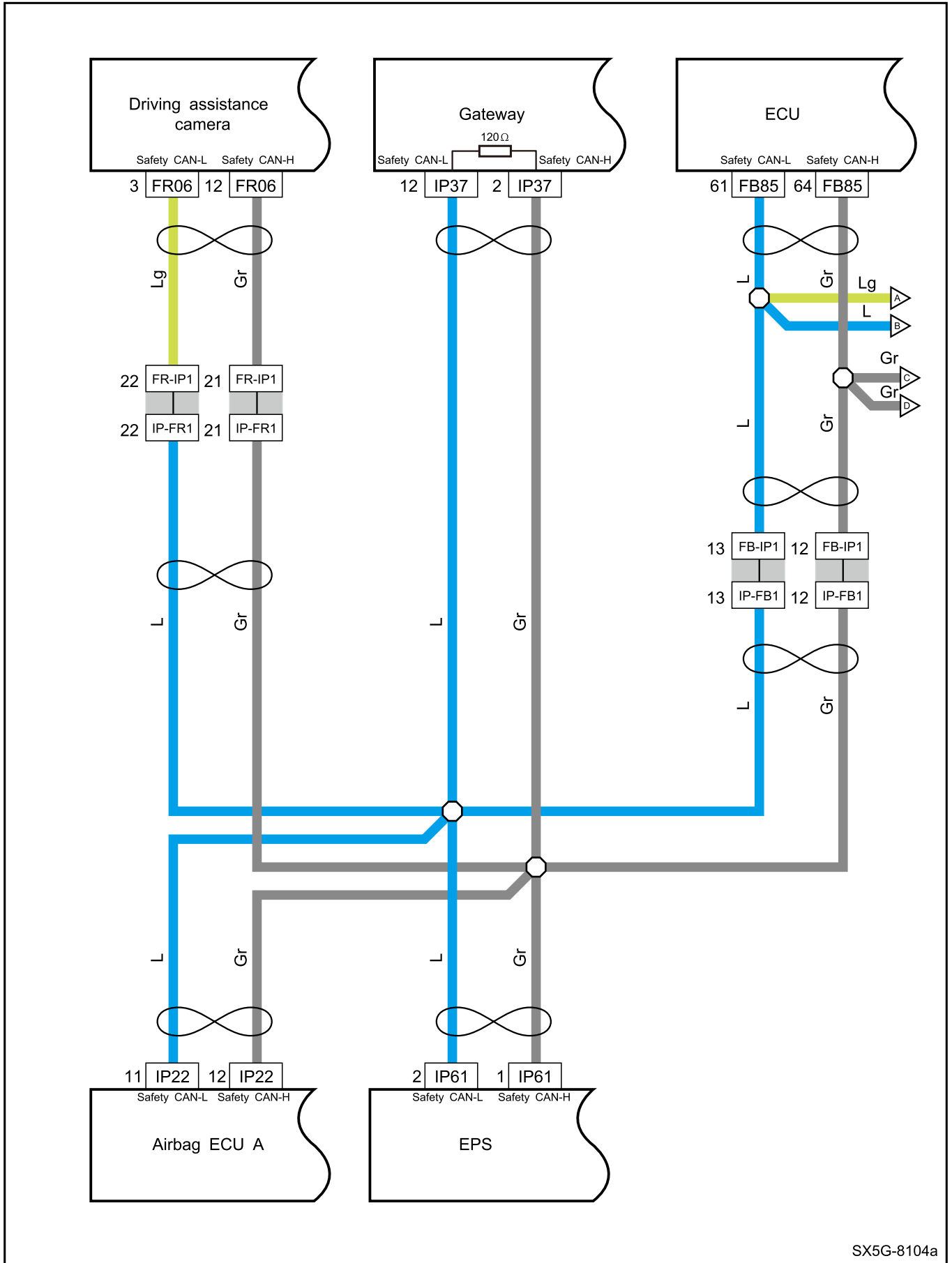
Diagnostic interface



SX5G-8103a

Harness connector	Name	Page
FB38	Battery pack (31kwh)	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP37	Gateway	53
IP74	Merged GND points 1-2	134
IP100	Diagnostic interface	54
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53

Bus communication system (Safety CAN) 1

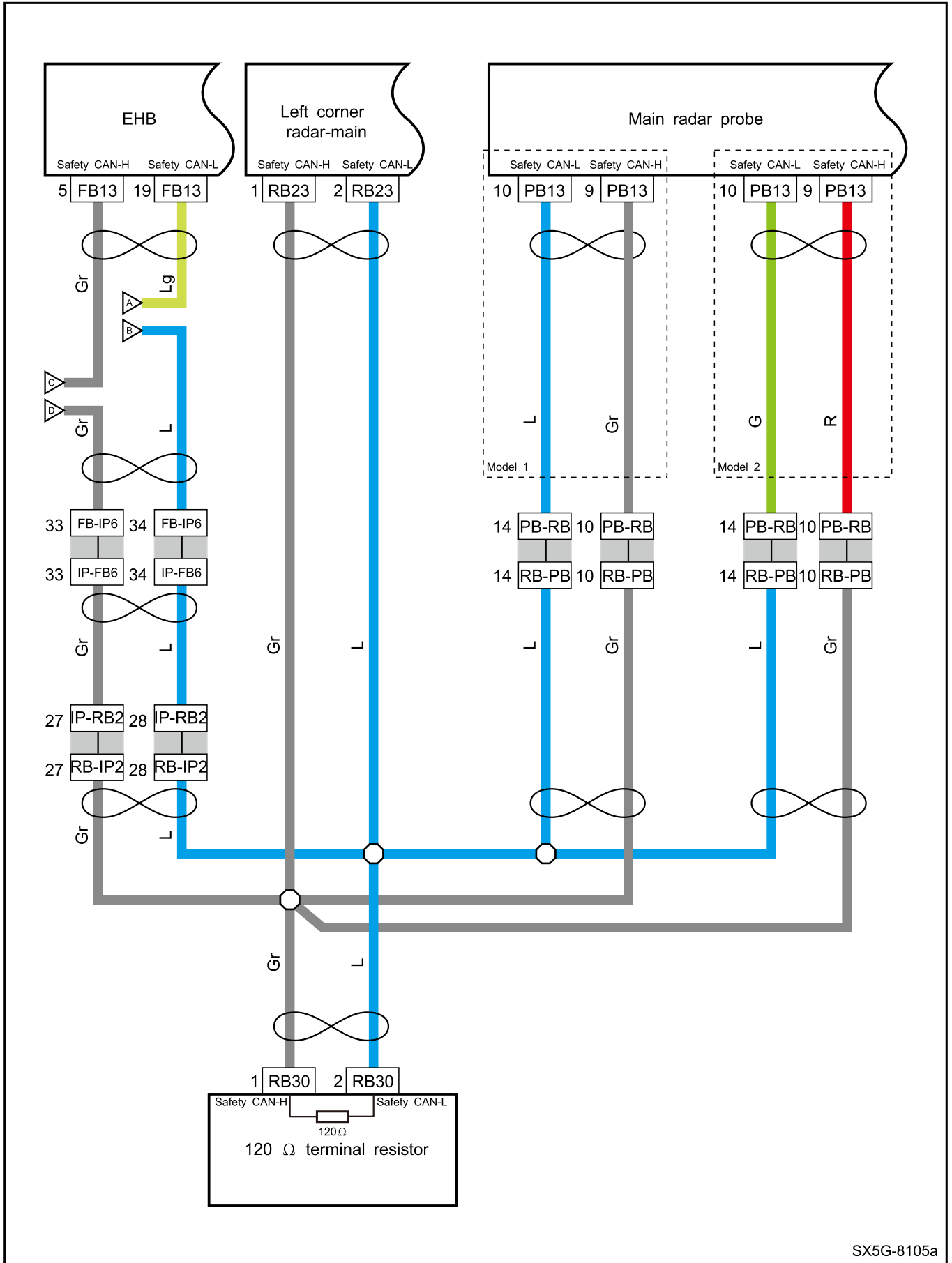


SX5G-8104a

Harness connector	Name	Page
FB85	Engine ECU-K	35
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
FR06	Driving assistance camera	78
FR-IP1	Roof wiring harness-instrument panel wiring harness	78
IP22	Airbag ECU A	53
IP37	Gateway	53
IP61	EPS	53
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-FR1	Instrument panel wiring harness-roof wiring harness	53

Connection point	Description	Page
A	TO Bus communication system (Safety CAN) 2	379
B	TO Bus communication system (Safety CAN) 2	379
C	TO Bus communication system (Safety CAN) 2	379
D	TO Bus communication system (Safety CAN) 2	379

Bus communication system (Safety CAN) 2

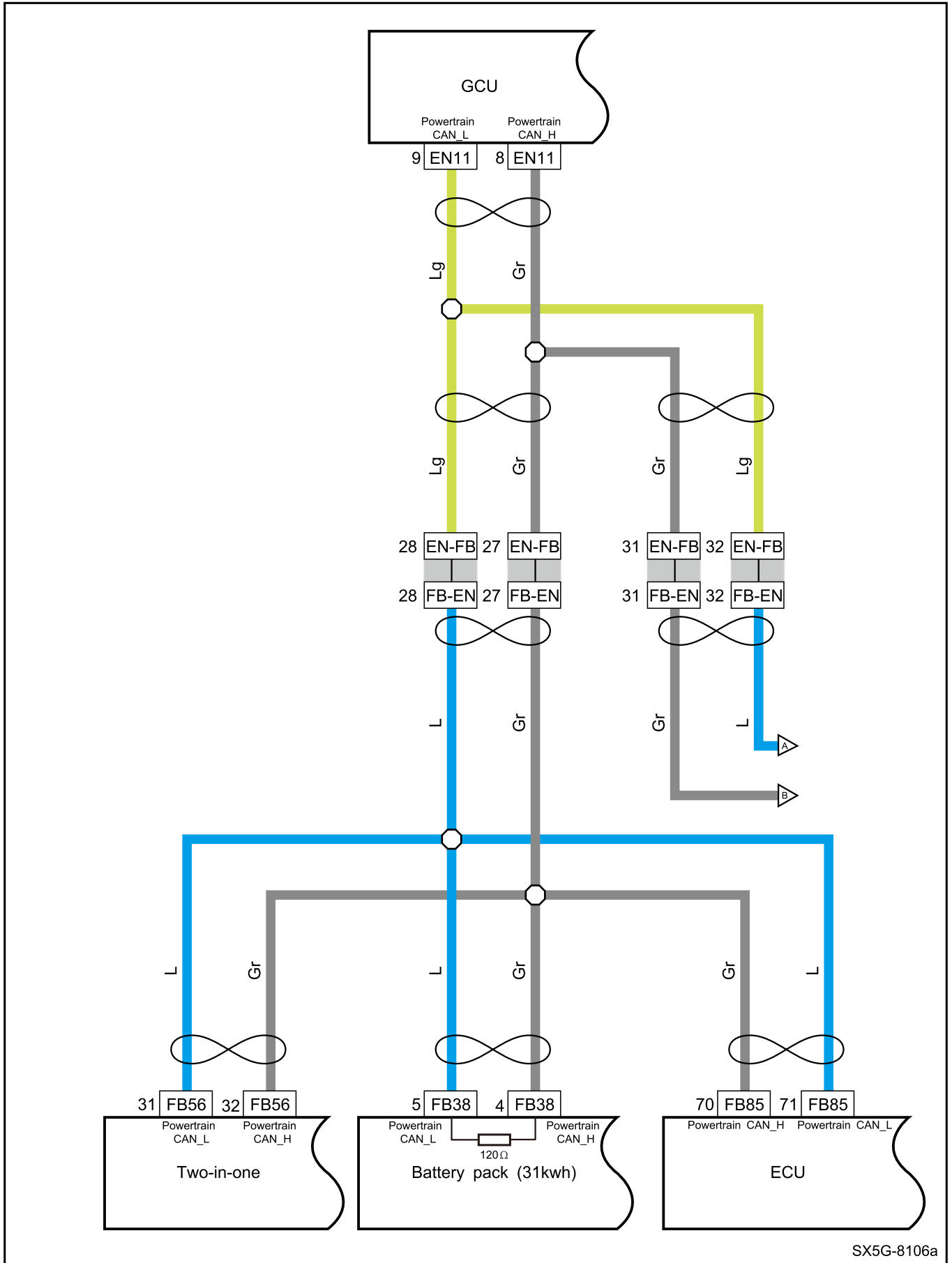


SX5G-8105a

Harness connector	Name	Page
FB13	EHB	35
FB-IP6	Instrument panel wiring harness-engine compartment wiring harness(right)	35
IP-FB6	Instrument panel wiring harness-engine compartment wiring harness(right)	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
PB13	Main radar probe	83
PB-RB	Rear bumper wiring harness-right body wiring harness	83
RB23	Left corner radar-main	86
RB30	120 Ω terminal resistor	86
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-PB	Right body wiring harness-rear bumper wiring harness	86

Connection point	Description	Page
A	TO Bus communication system (Safety CAN) 1	377
B	TO Bus communication system (Safety CAN) 1	377
C	TO Bus communication system (Safety CAN) 1	377
D	TO Bus communication system (Safety CAN) 1	377

Bus communication system (Power CAN) 1

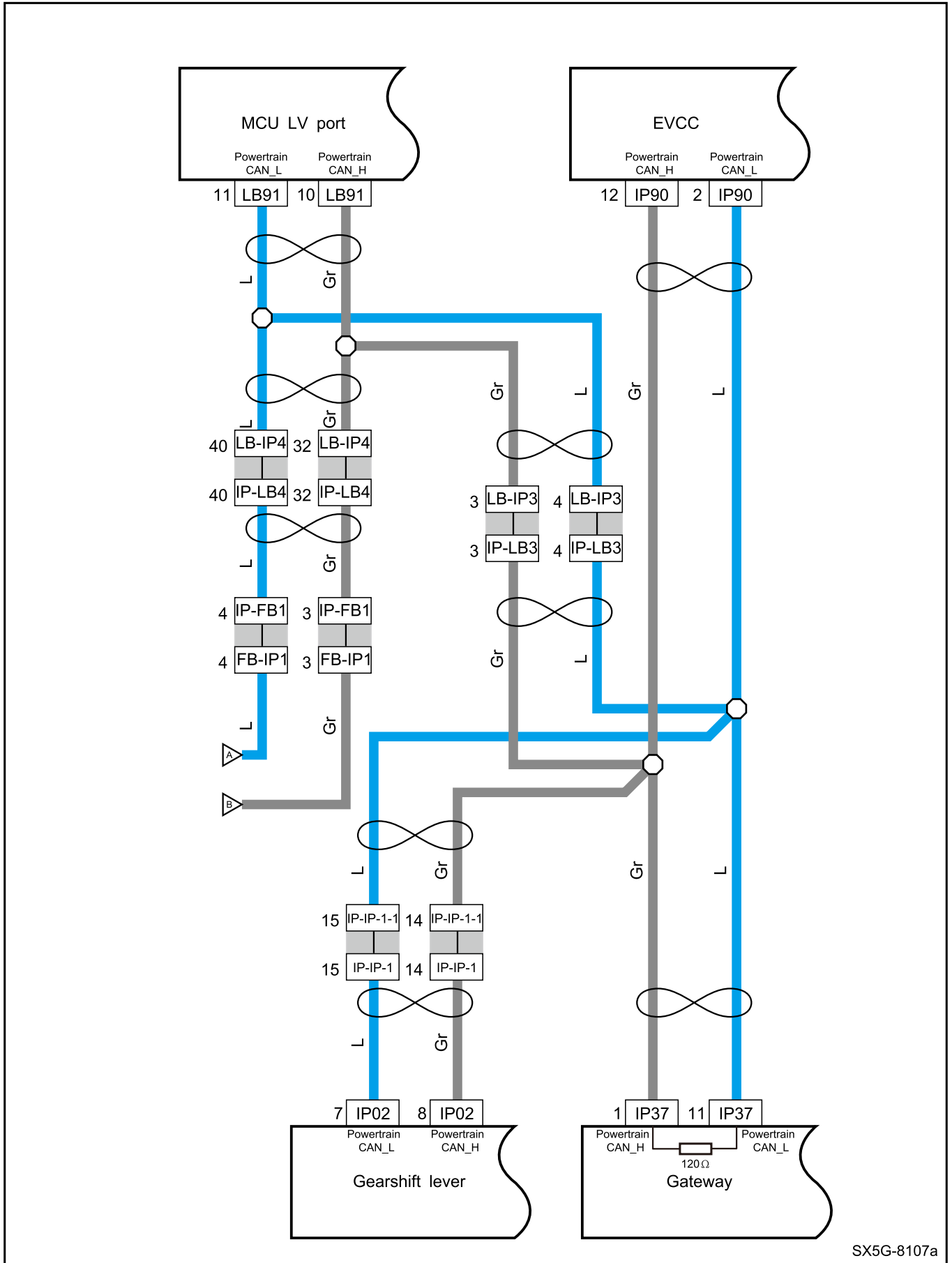


SX5G-8106a

Harness connector	Name	Page
EN11	GCU	26
EN-FB	Engine wiring harness-engine compartment wiring harness	26
FB38	Battery pack (31kwh)	35
FB56	Two-in-one	35
FB85	Engine ECU-K	35
FB-EN	Engine compartment wiring harness-engine wiring harness	35

Connection point	Description	Page
A	TO Bus communication system (Power CAN) 2	383
B	TO Bus communication system (Power CAN) 2	383

Bus communication system (Power CAN) 2

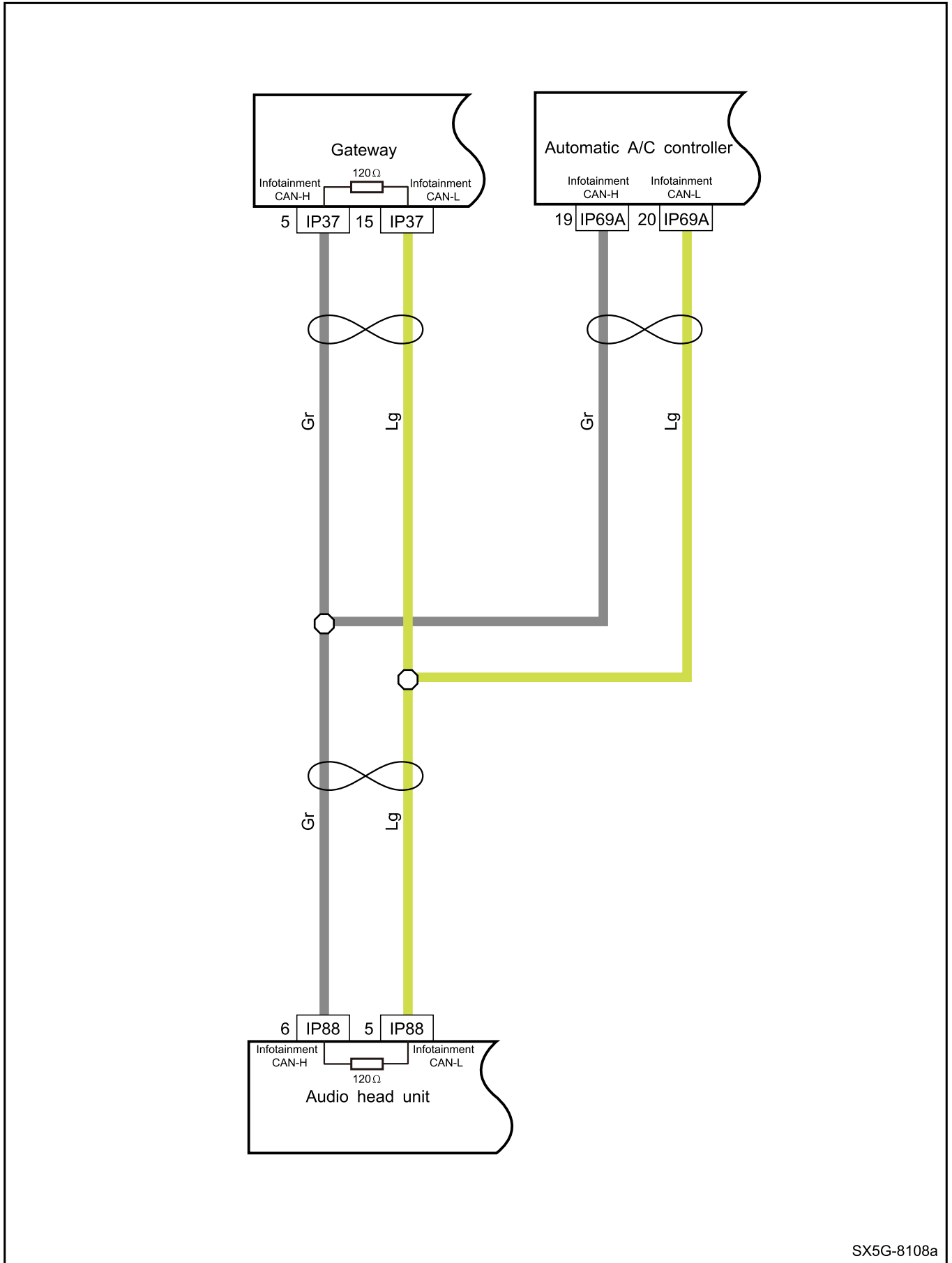


SX5G-8107a

Harness connector	Name	Page
FB-IP1	Engine compartment wiring harness-instrument panel wiring harness(left)	35
IP02	Gearshift lever	55
IP37	Gateway	53
IP90	EVCC	54
IP-FB1	Instrument panel wiring harness-engine compartment wiring harness(left)	54
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53
IP-LB3	Instrument panel wiring harness-left body wiring harness(left)	54
IP-LB4	Instrument panel wiring harness-left body wiring harness(left)	54
LB91	MCU LV port	85
LB-IP3	Left body wiring harness-instrument panel wiring harness(left)	85
LB-IP4	Left body wiring harness-instrument panel wiring harness(left)	85

Connection point	Description	Page
A	TO Bus communication system (Power CAN) 1	381
B	TO Bus communication system (Power CAN) 1	381

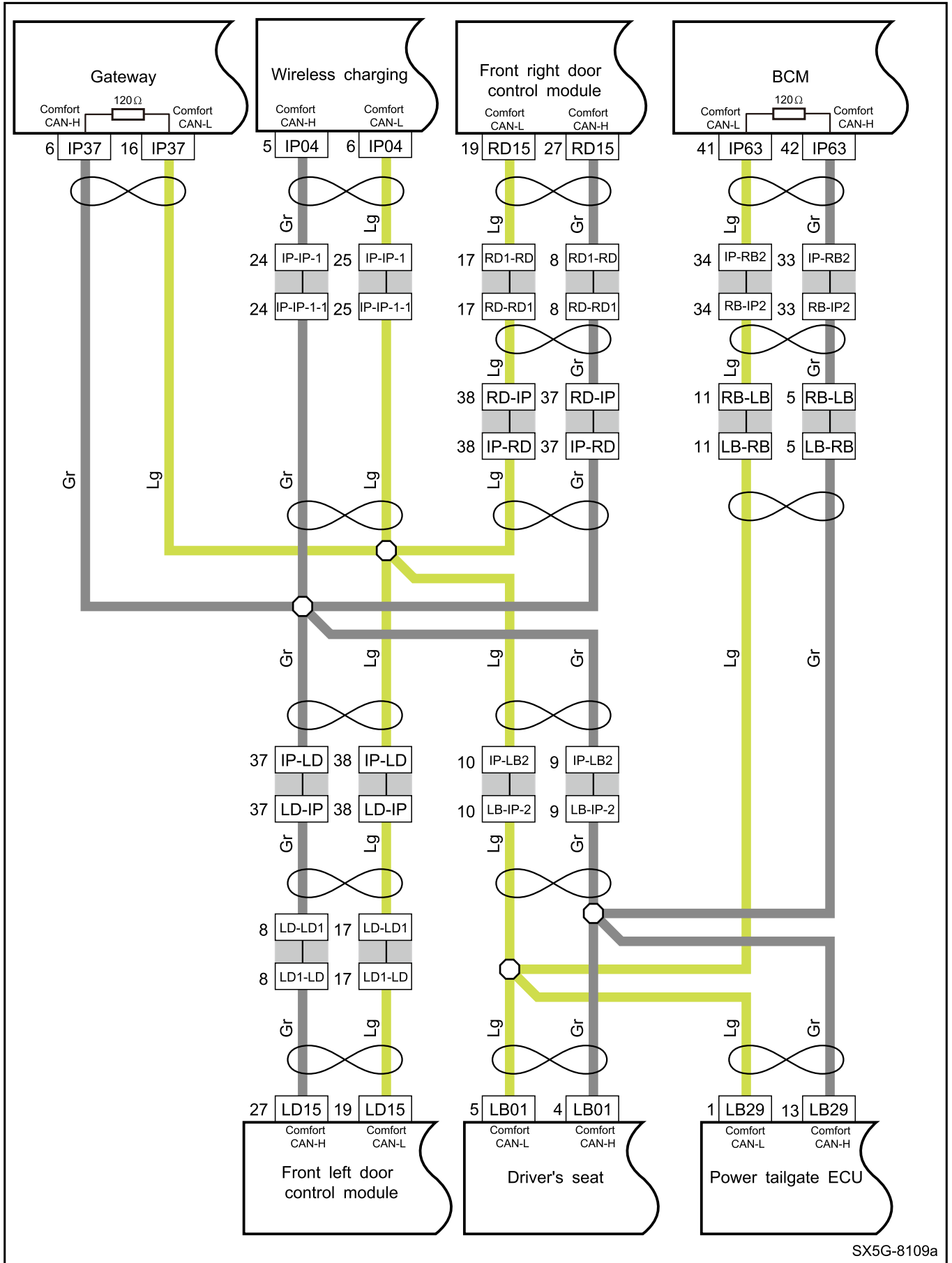
Bus communication system (IVI CAN)



SX5G-8108a

Harness connector	Name	Page
IP37	Gateway	53
IP69A	Automatic A/C controller A	53
IP88	Audio head unit C	54

Bus communication system (comfort CAN)



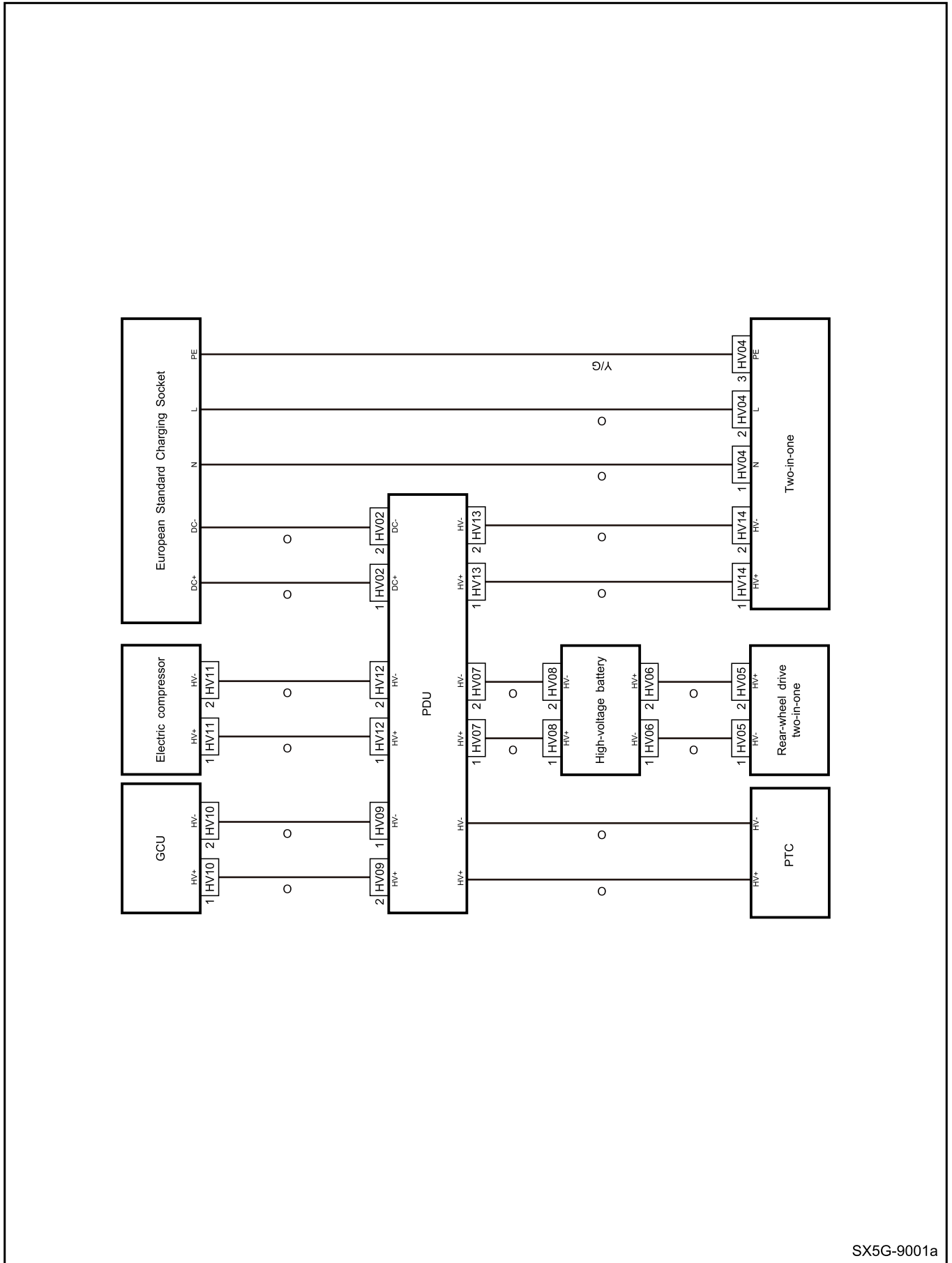
Harness connector	Name	Page
IP04	Wireless charging	55
IP37	Gateway	53
IP63	BCM-J1	53
IP-IP-1	Center console wiring harness-instrument panel wiring harness	55
IP-IP-1-1	Instrument panel wiring harness-center console wiring harness	53
IP-LB2	Instrument panel wiring harness-left body wiring harness(middle)	53
IP-LD	Instrument panel wiring harness-left front door wiring harness	53
IP-RB2	Instrument panel wiring harness-right body wiring harness	53
IP-RD	Instrument panel wiring harness-right front door wiring harness	53
LB01	Driver's seat	85
LB29	Power tailgate ECU B	85
LB-IP-2	Left body wiring harness-instrument panel wiring harness(middle)	85
LB-RB	Left body wiring harness-right body wiring harness	85
LD1-LD	Left front door transition wiring harness-left front door wiring harness	112
LD15	Front left door control module L	112
LD-IP	Left front door wiring harness-instrument panel wiring harness	112
LD-LD1	Left front door wiring harness-left front door transition wiring harness	112
RB-IP2	Right body wiring harness-instrument panel wiring harness	86
RB-LB	Right body wiring harness-left body wiring harness	86
RD1-RD	Right front door transition wiring harness-right front door wiring harness	113
RD15	Front right door control module L	113
RD-IP	Right front door wiring harness-instrument panel wiring harness	113
RD-RD1	Right front door wiring harness-right front door transition wiring harness	113

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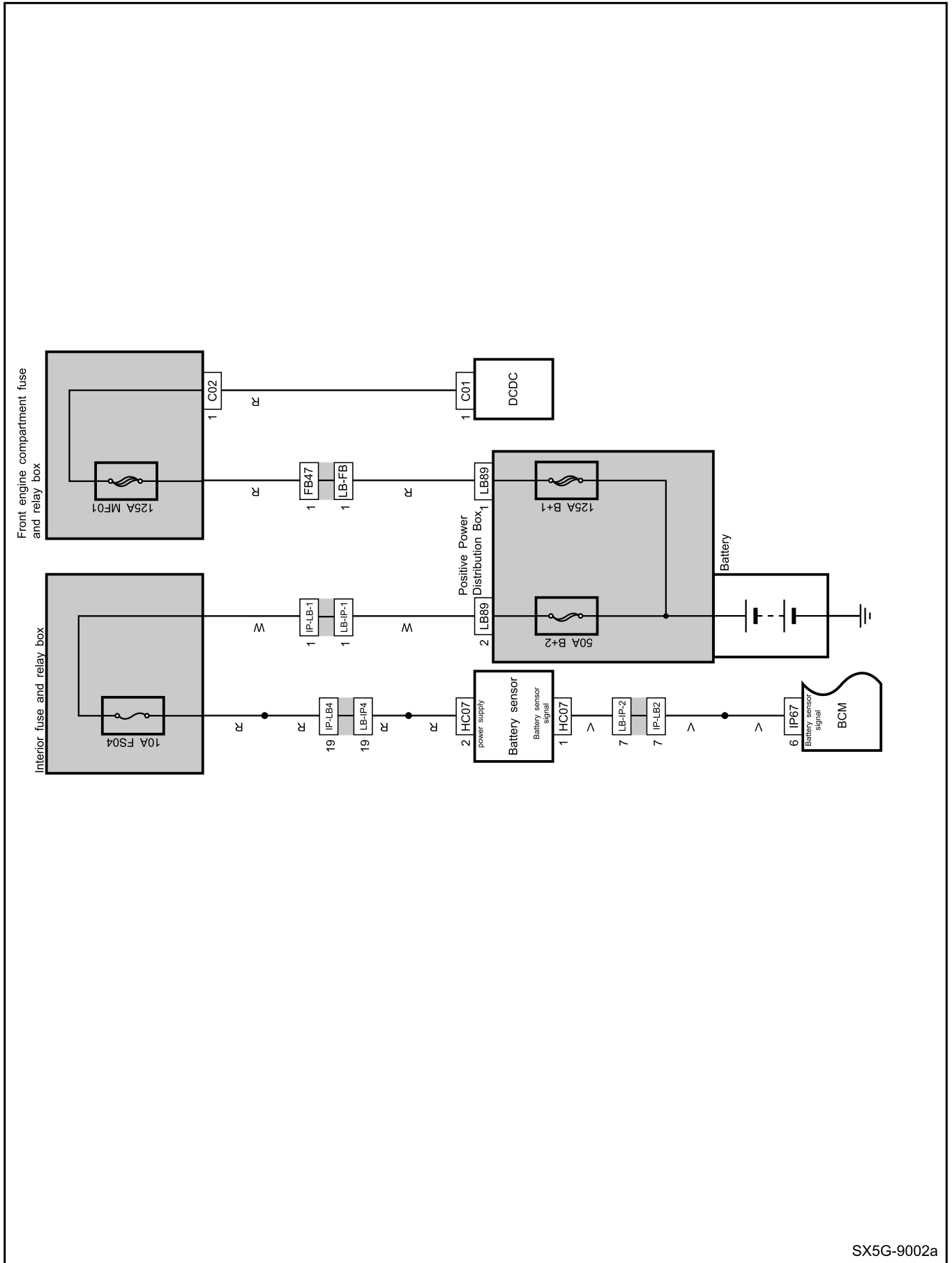
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HV distribution-overall diagram



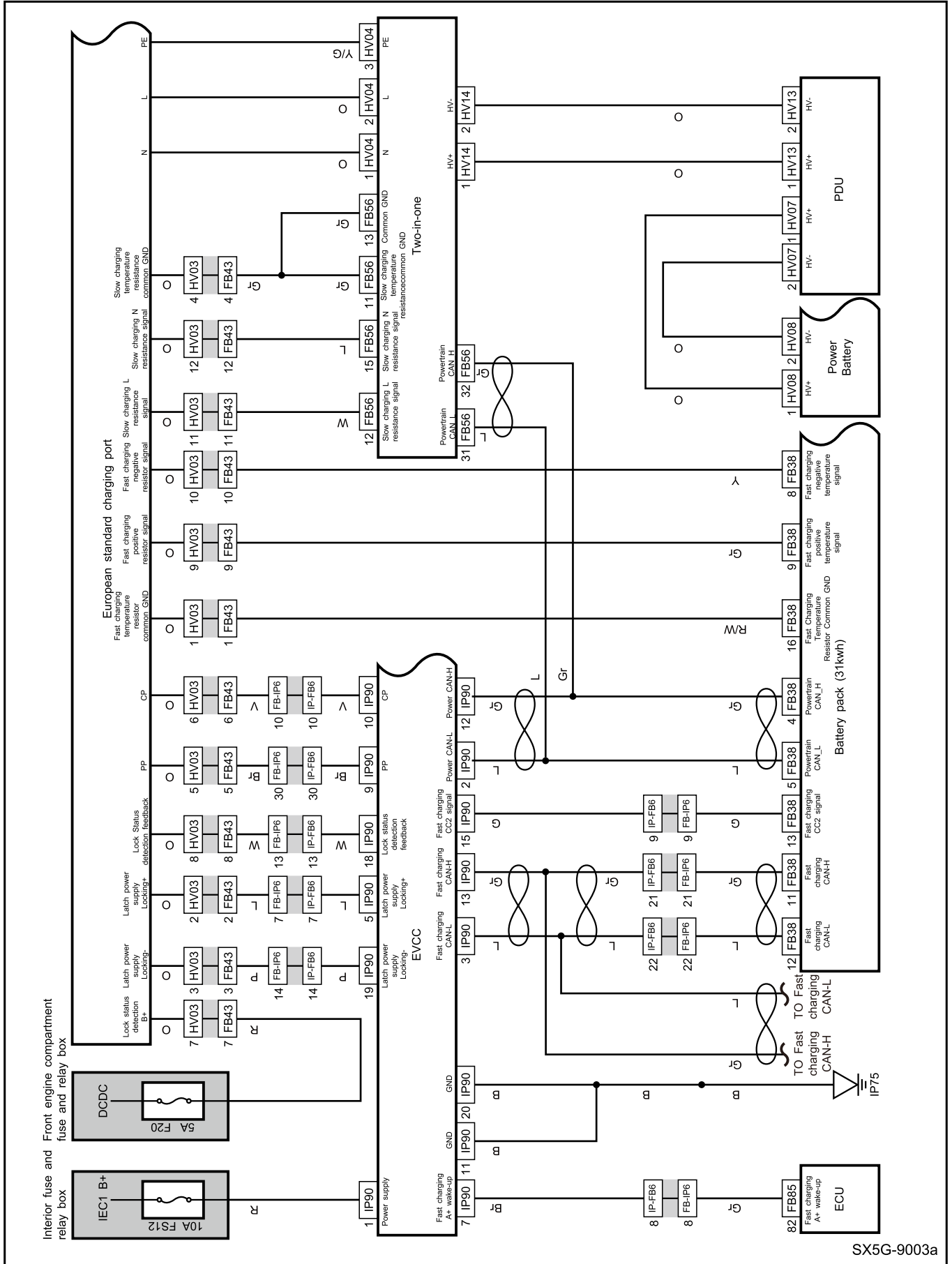
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Charging system (LV)-overall diagram



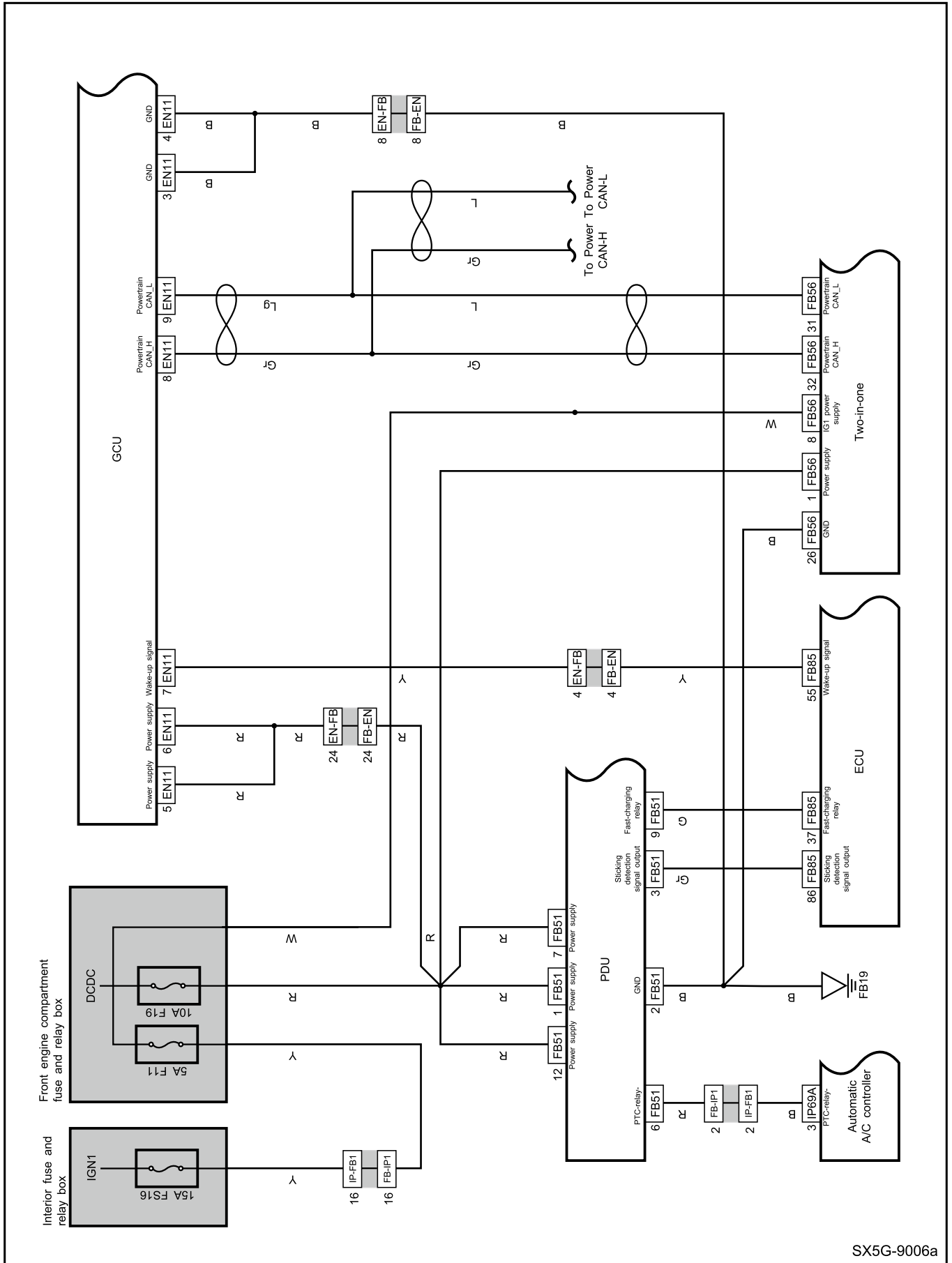
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Charging system (HV)-overall diagram



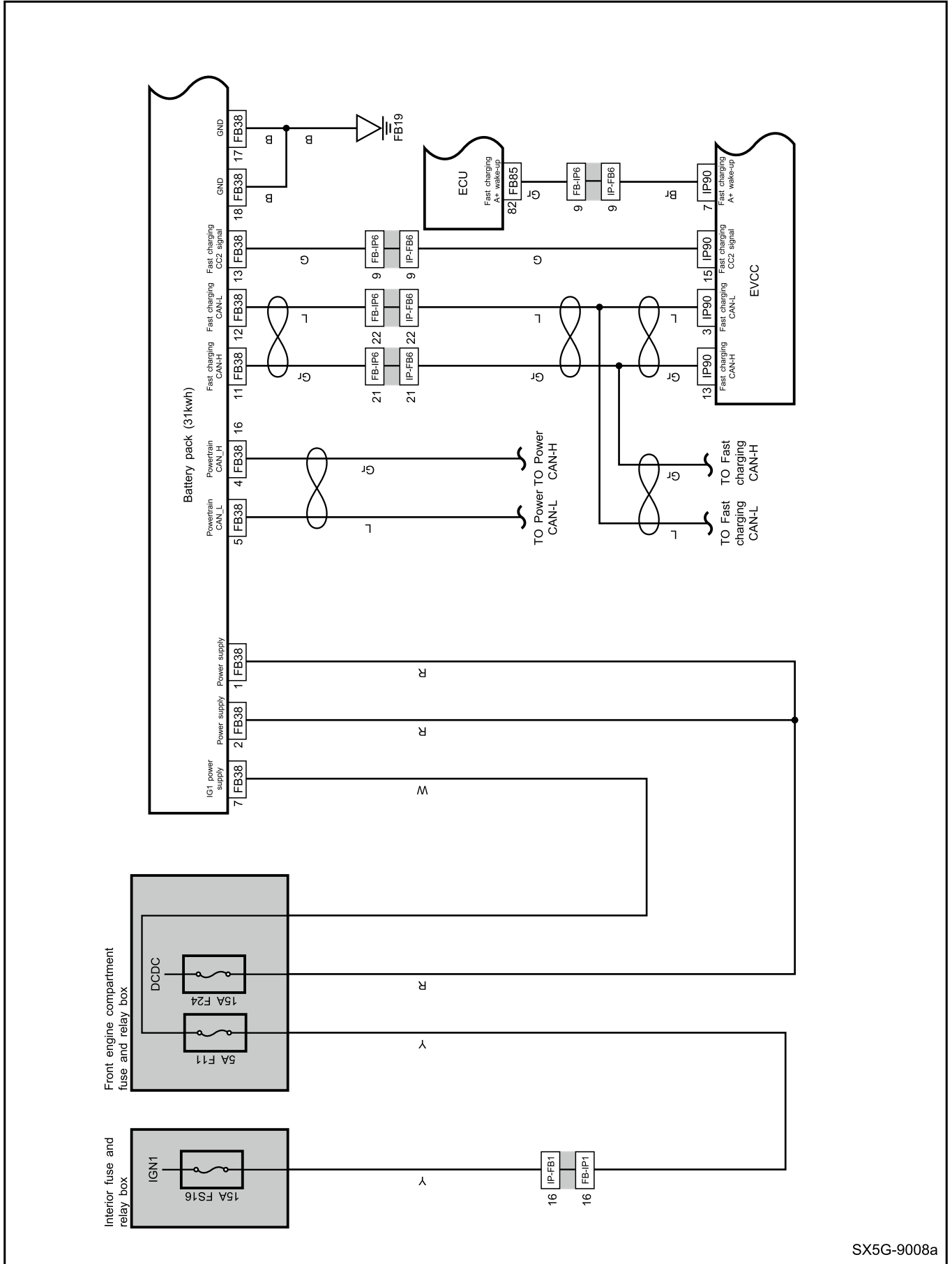
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GCU-overall diagram



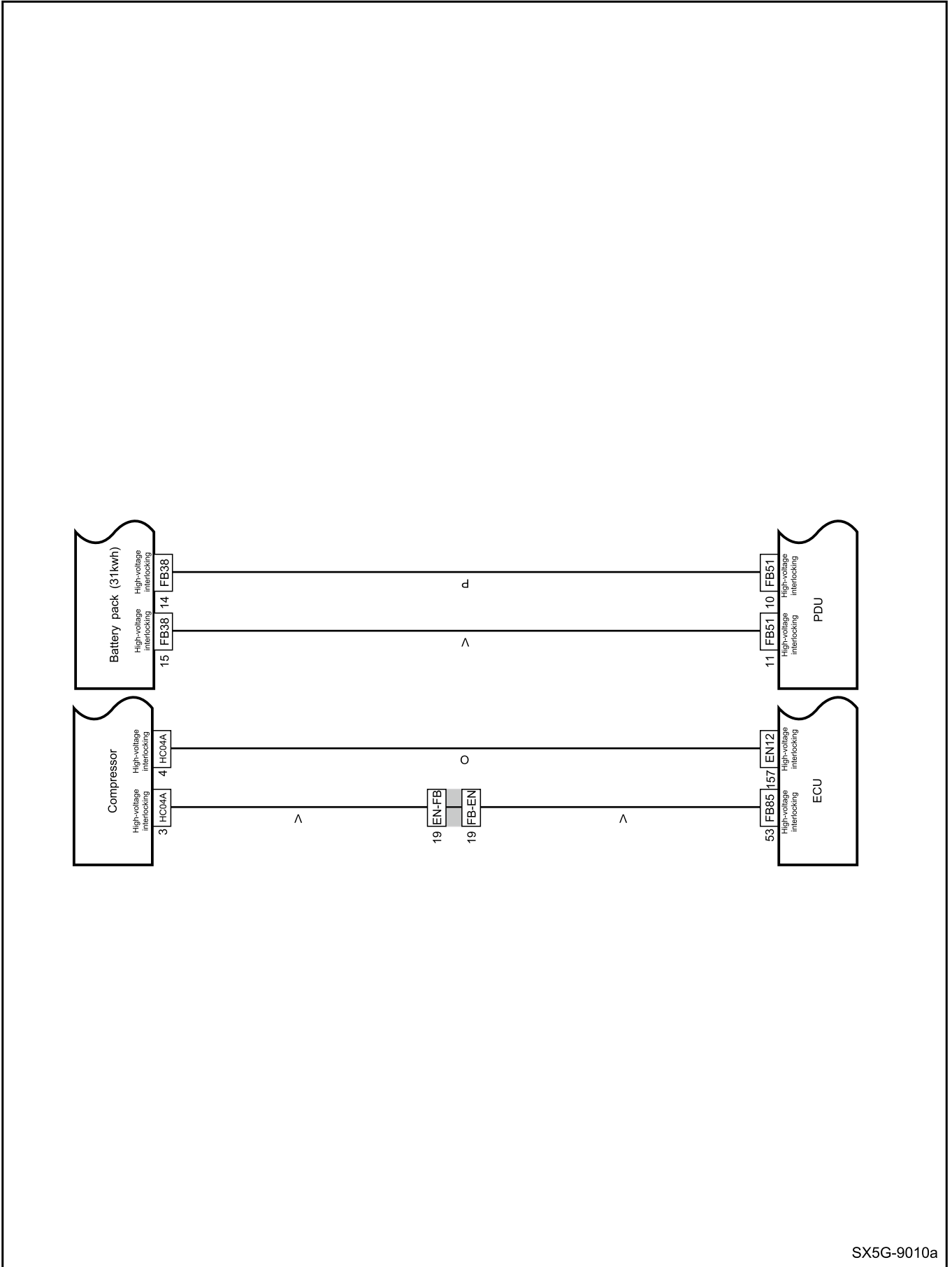
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Battery pack-overall diagram

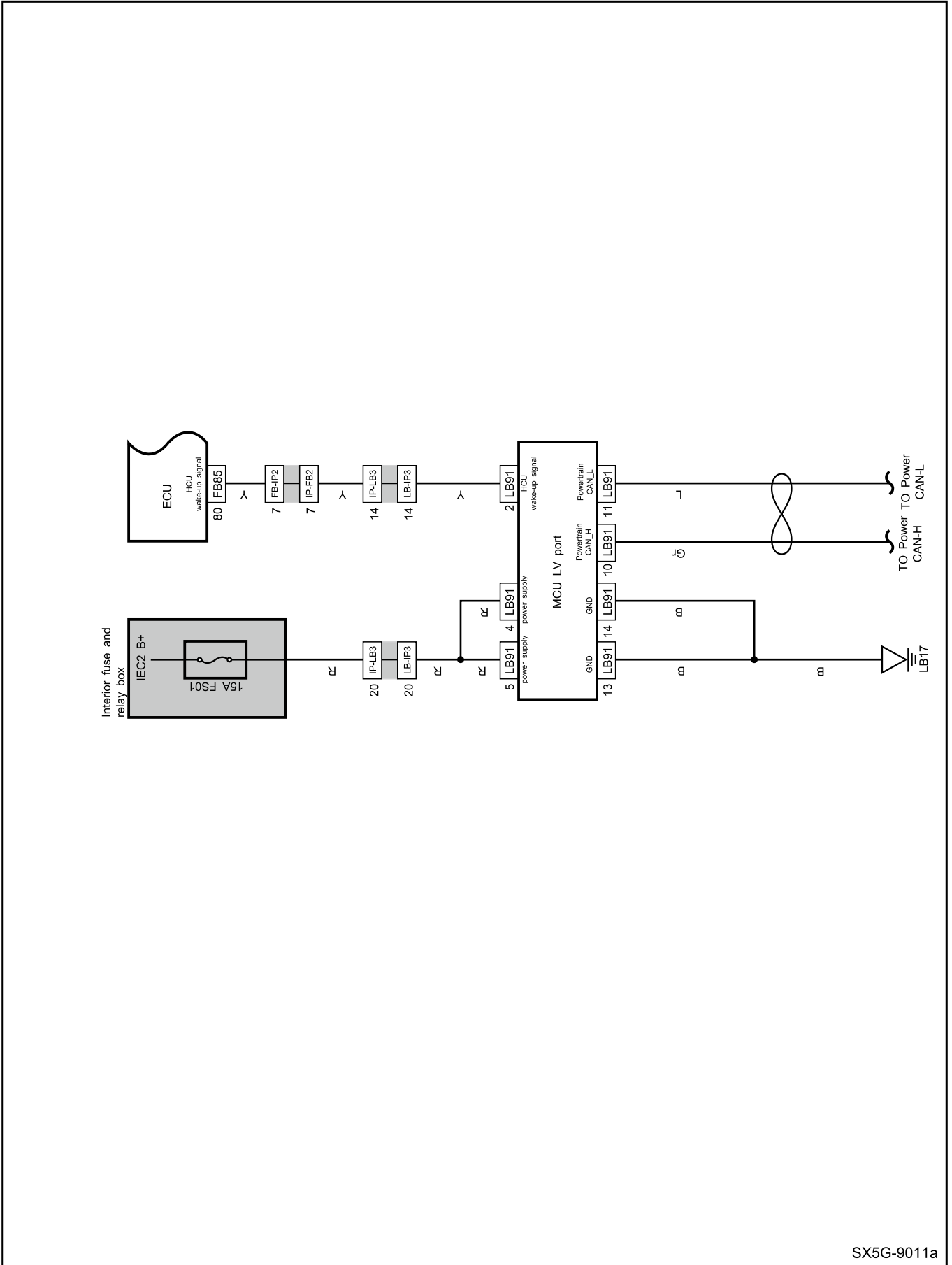


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High-voltage interlocking-overall diagram

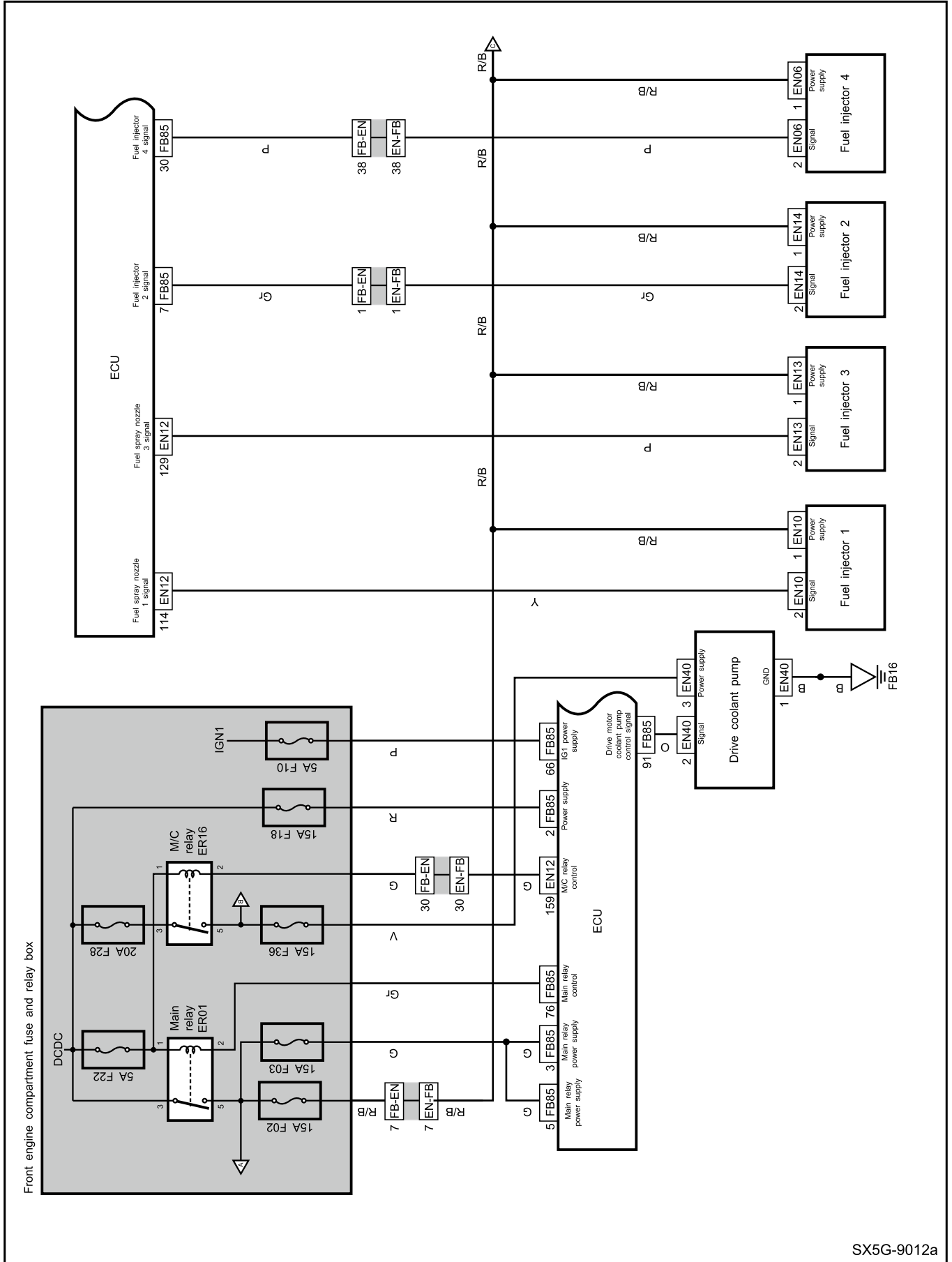


Motor control-overall diagram

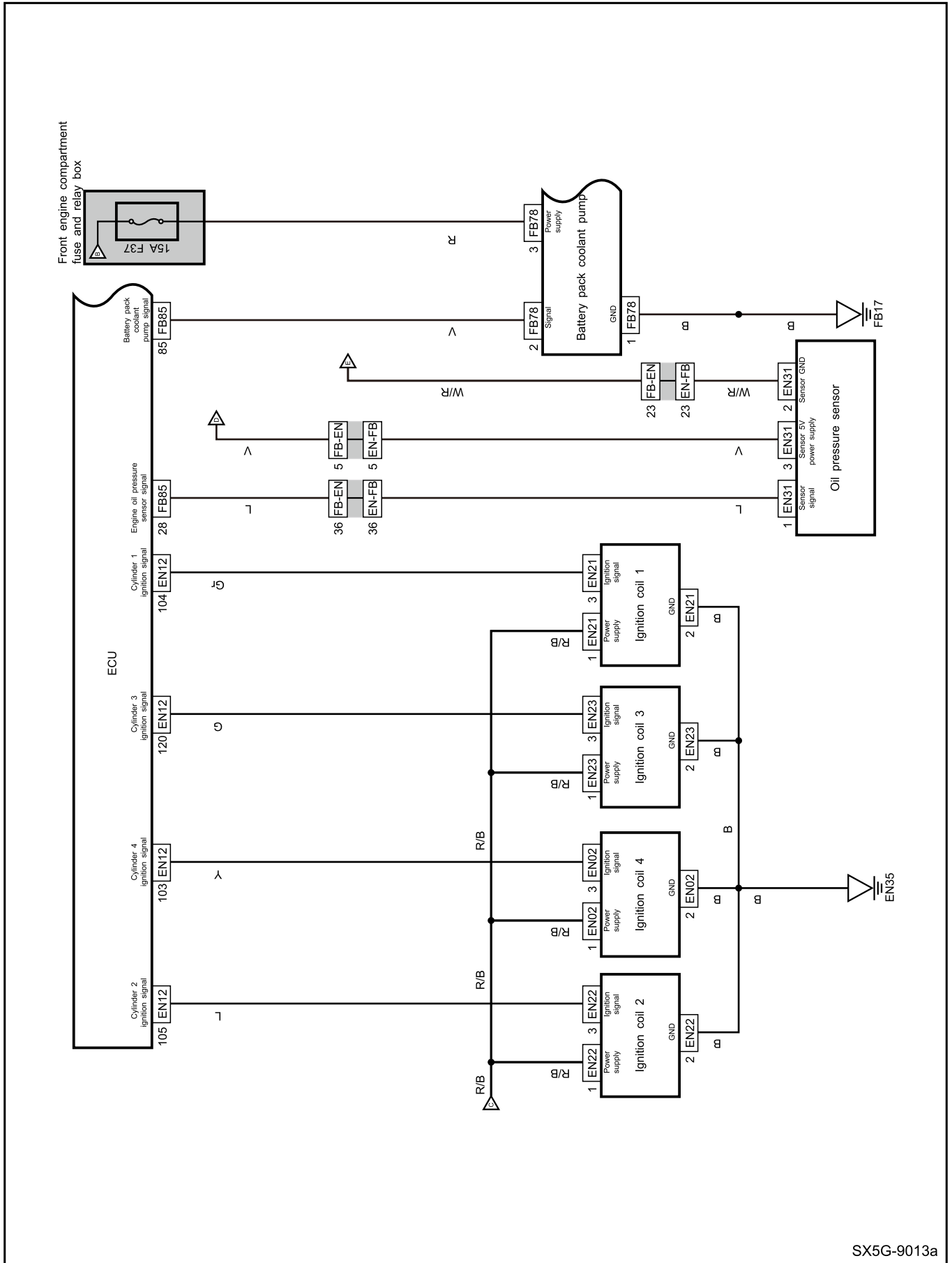


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Engine control system 1-overall diagram

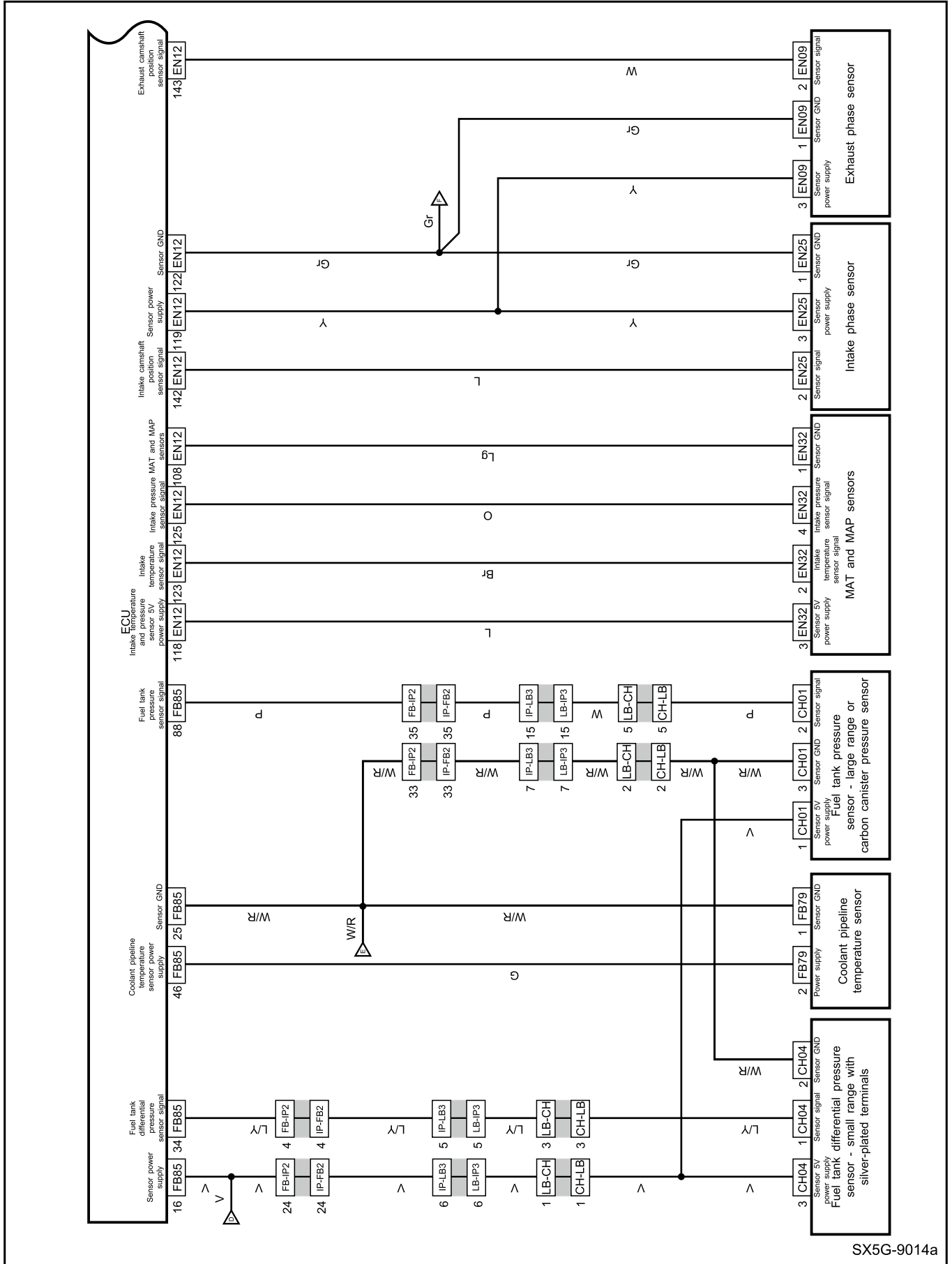


Engine control system 2-overall diagram

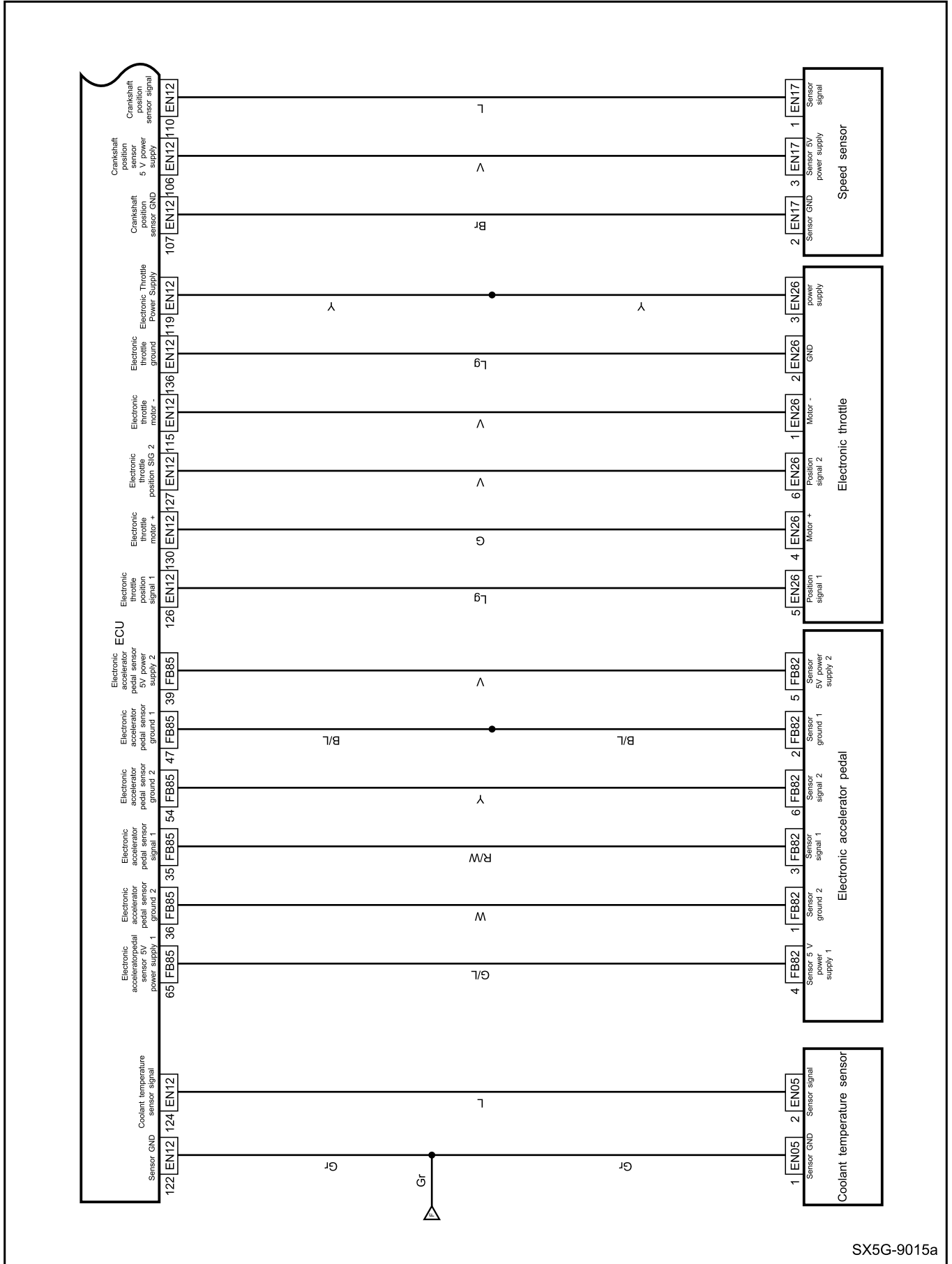


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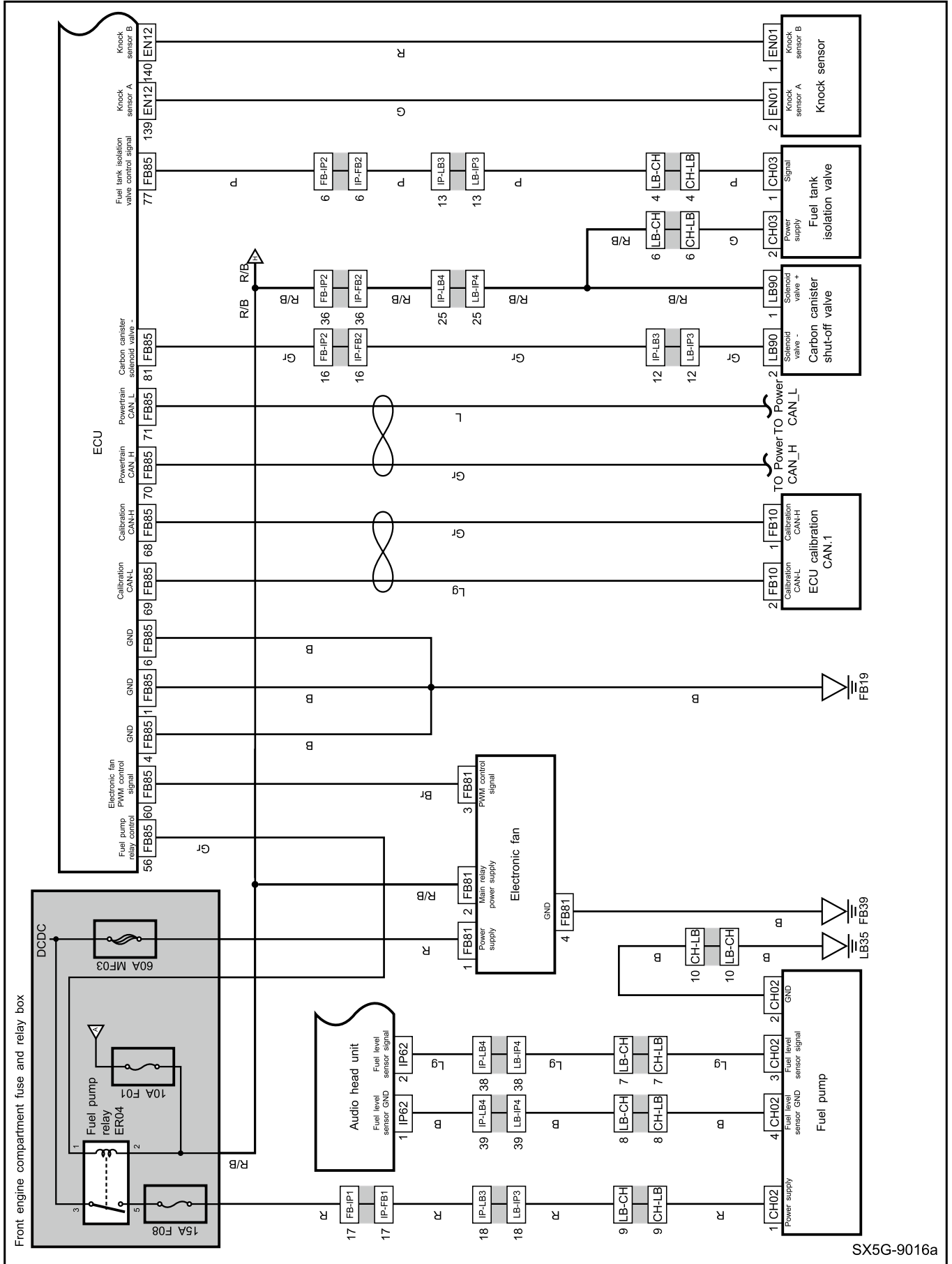
Engine control system 3-overall diagram



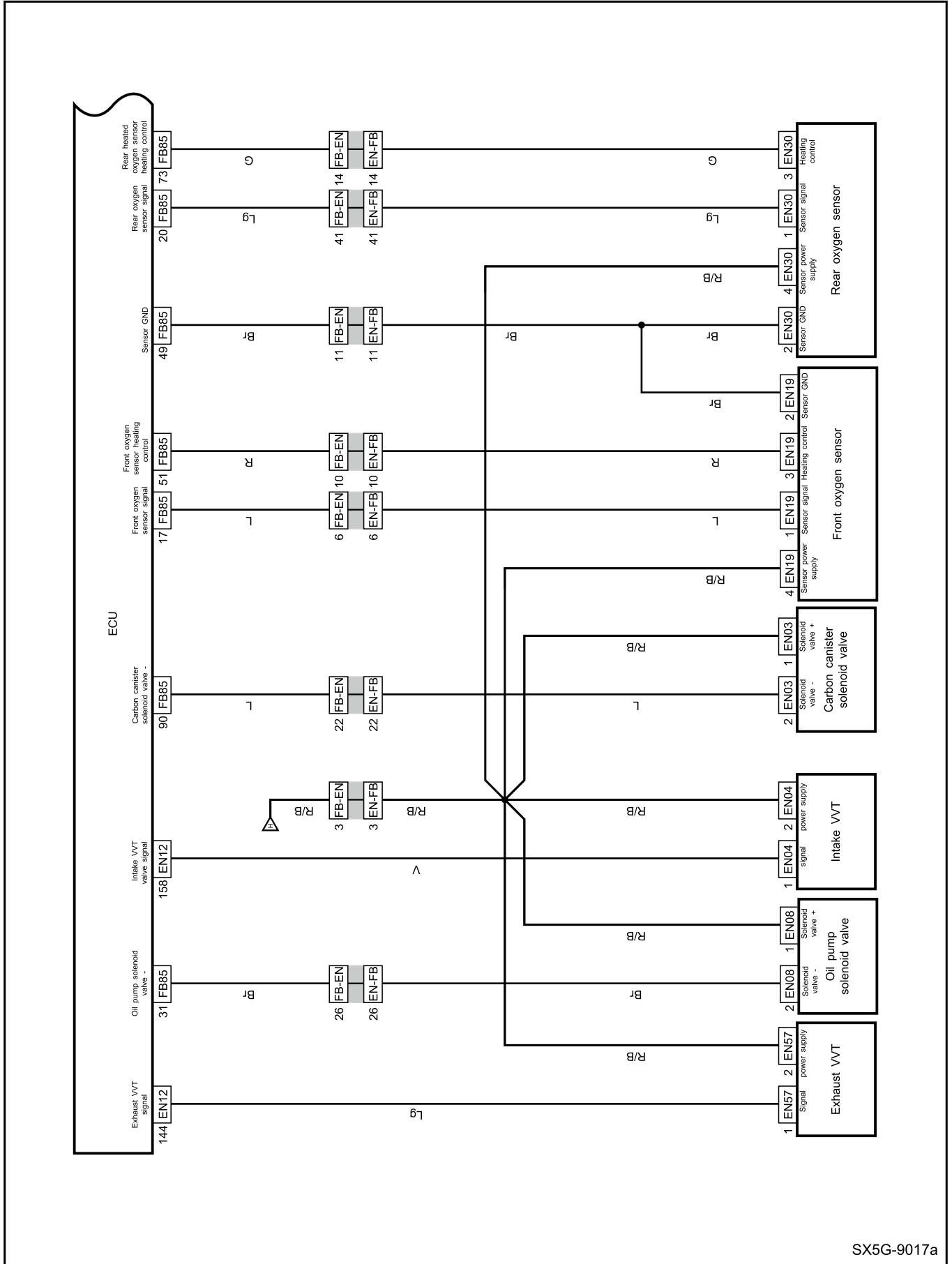
Engine control system 4-overall diagram



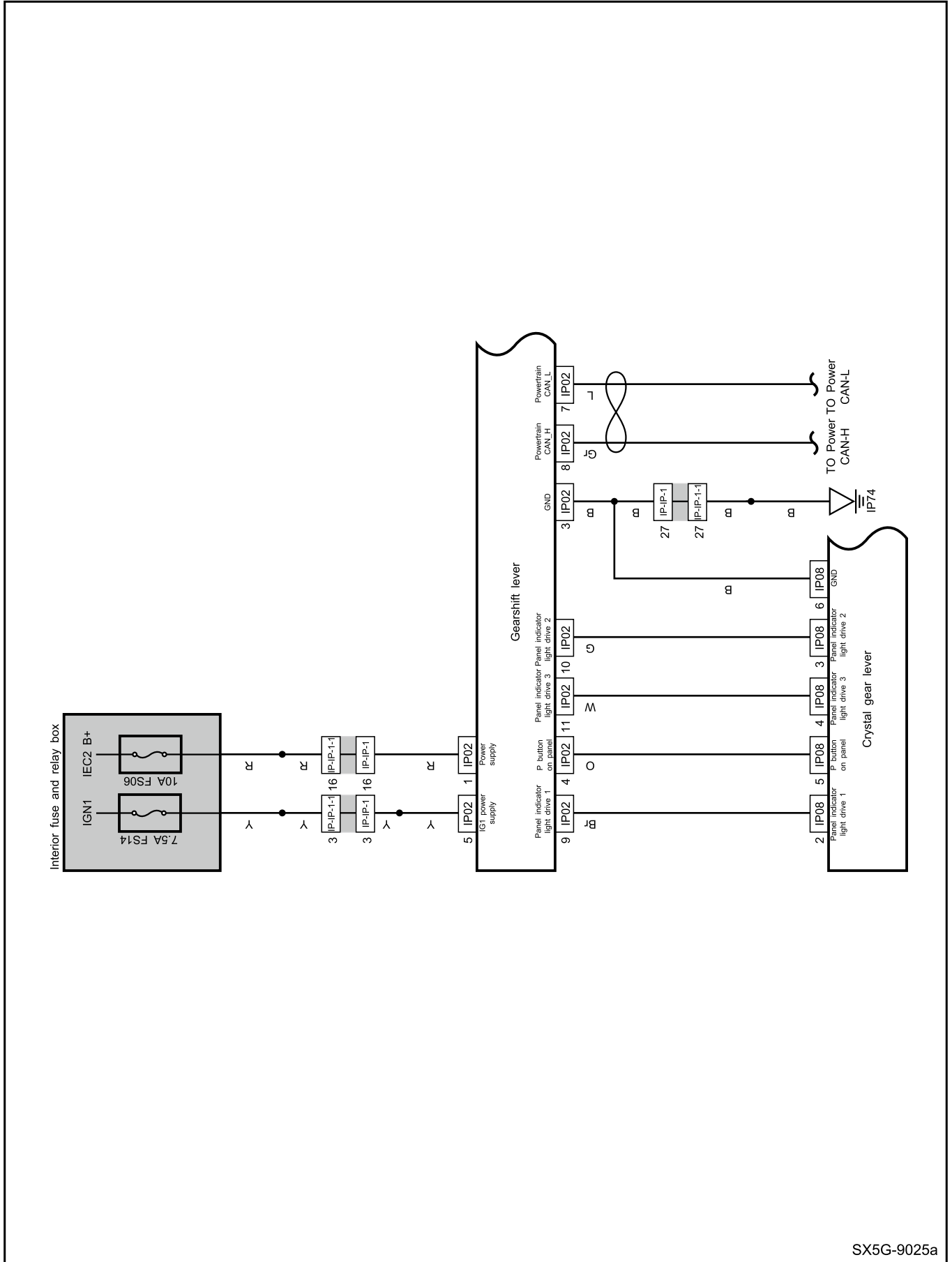
Engine control system 5-overall diagram



Engine control system 6-overall diagram

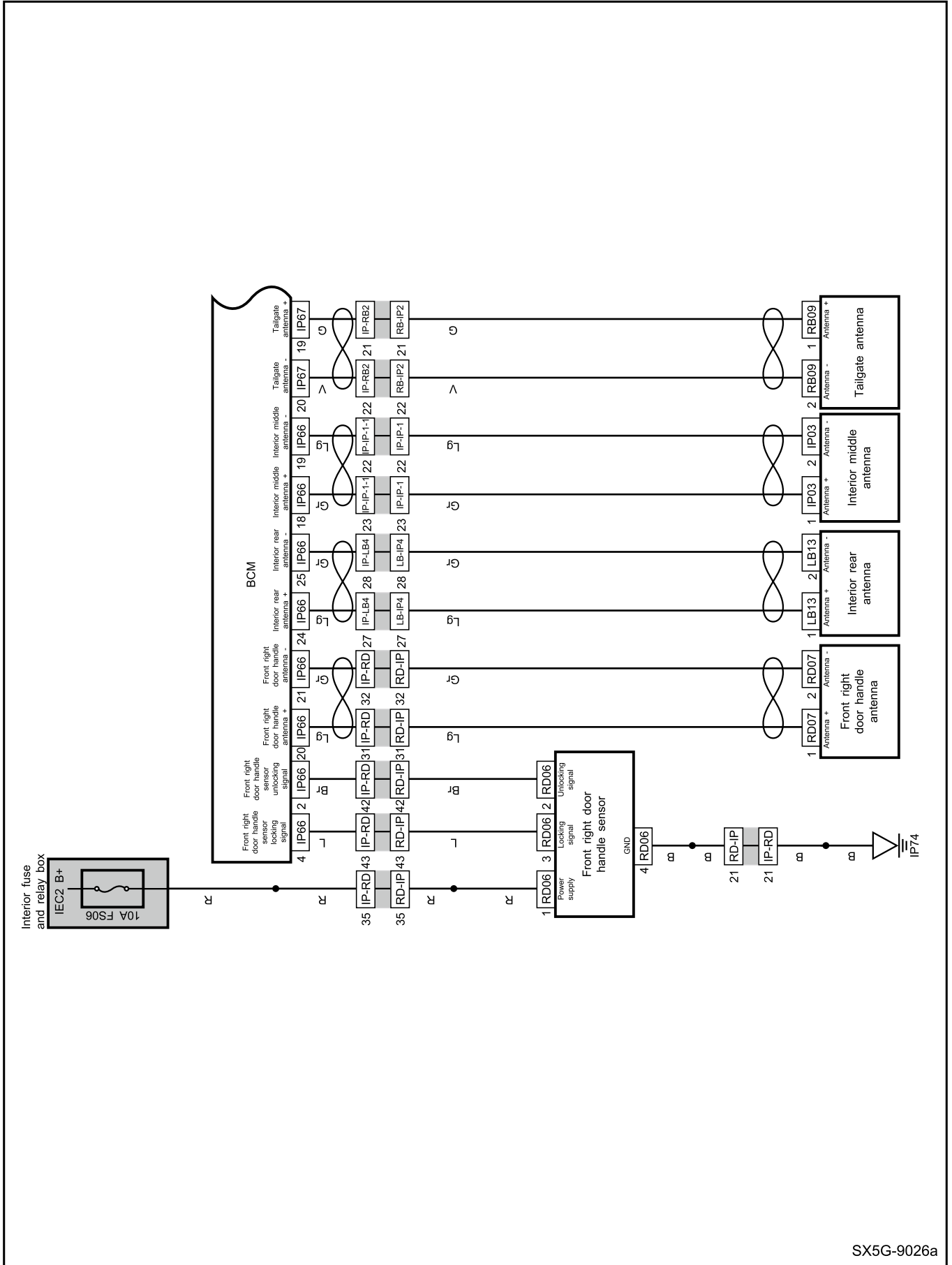


Electronic gear shifter-overall diagram



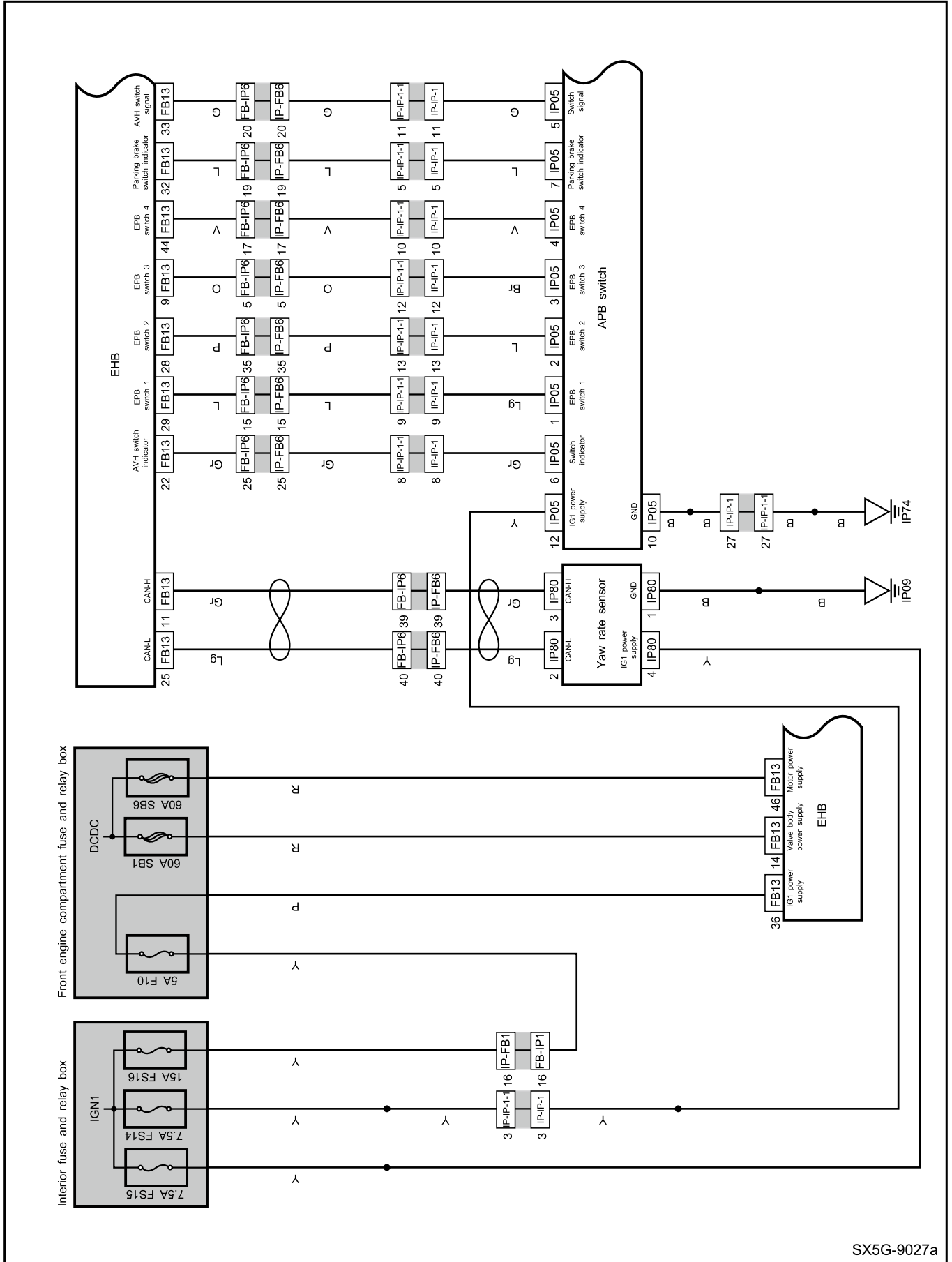
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PEPS system-overall diagram



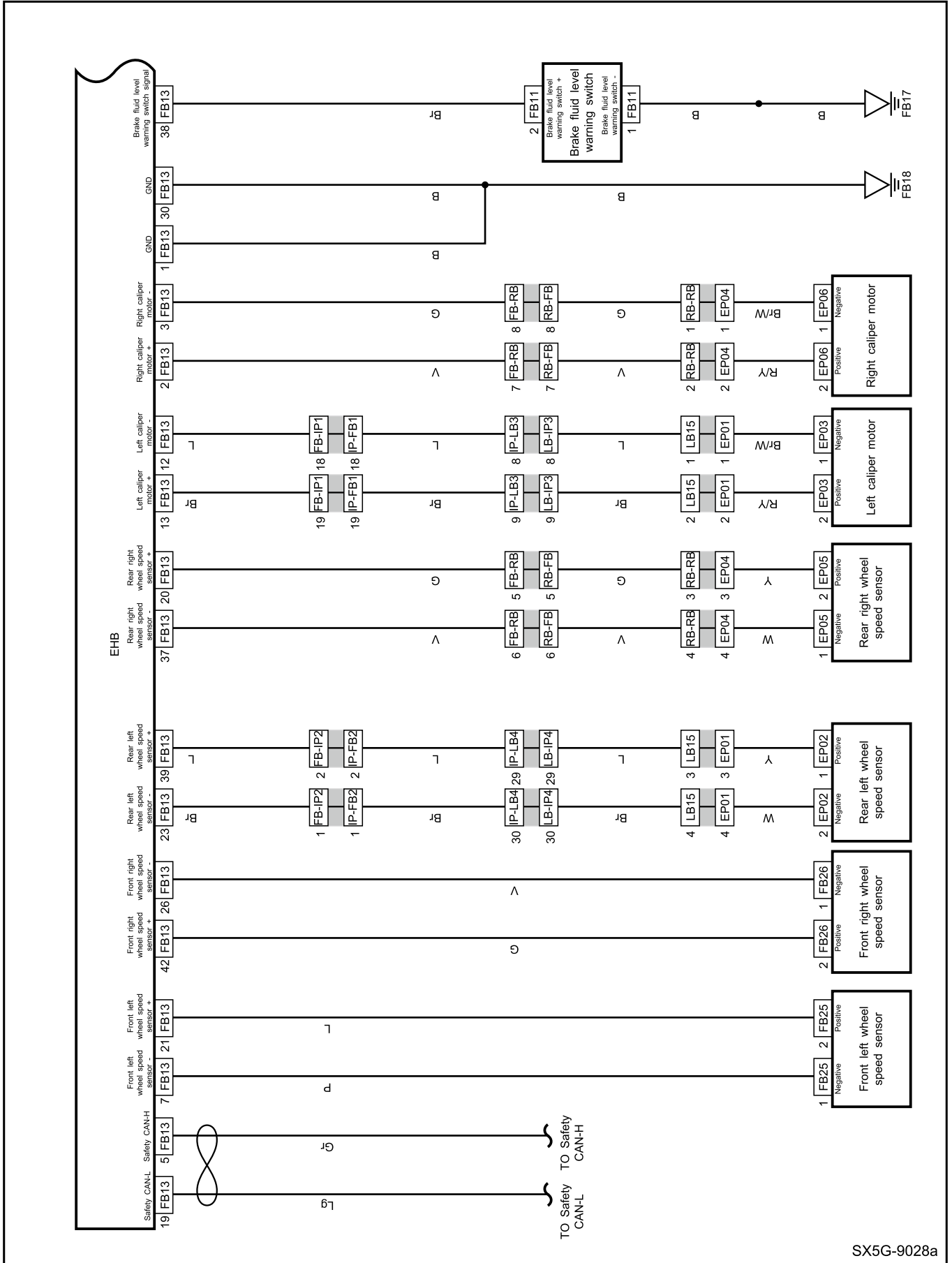
SX5G-9026a

Active safety system 1-overall diagram



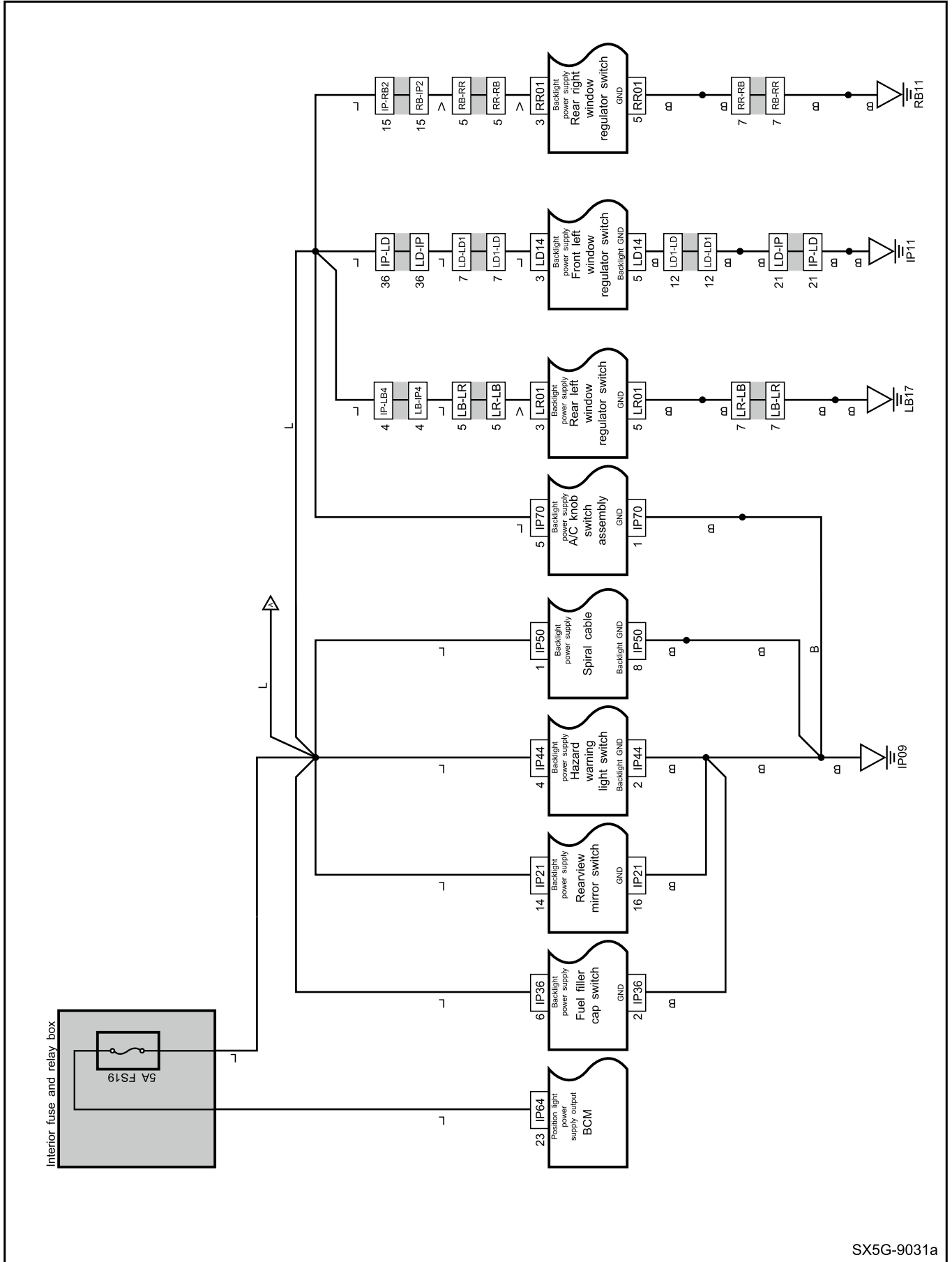
SX5G-9027a

Active safety system 2-overall diagram

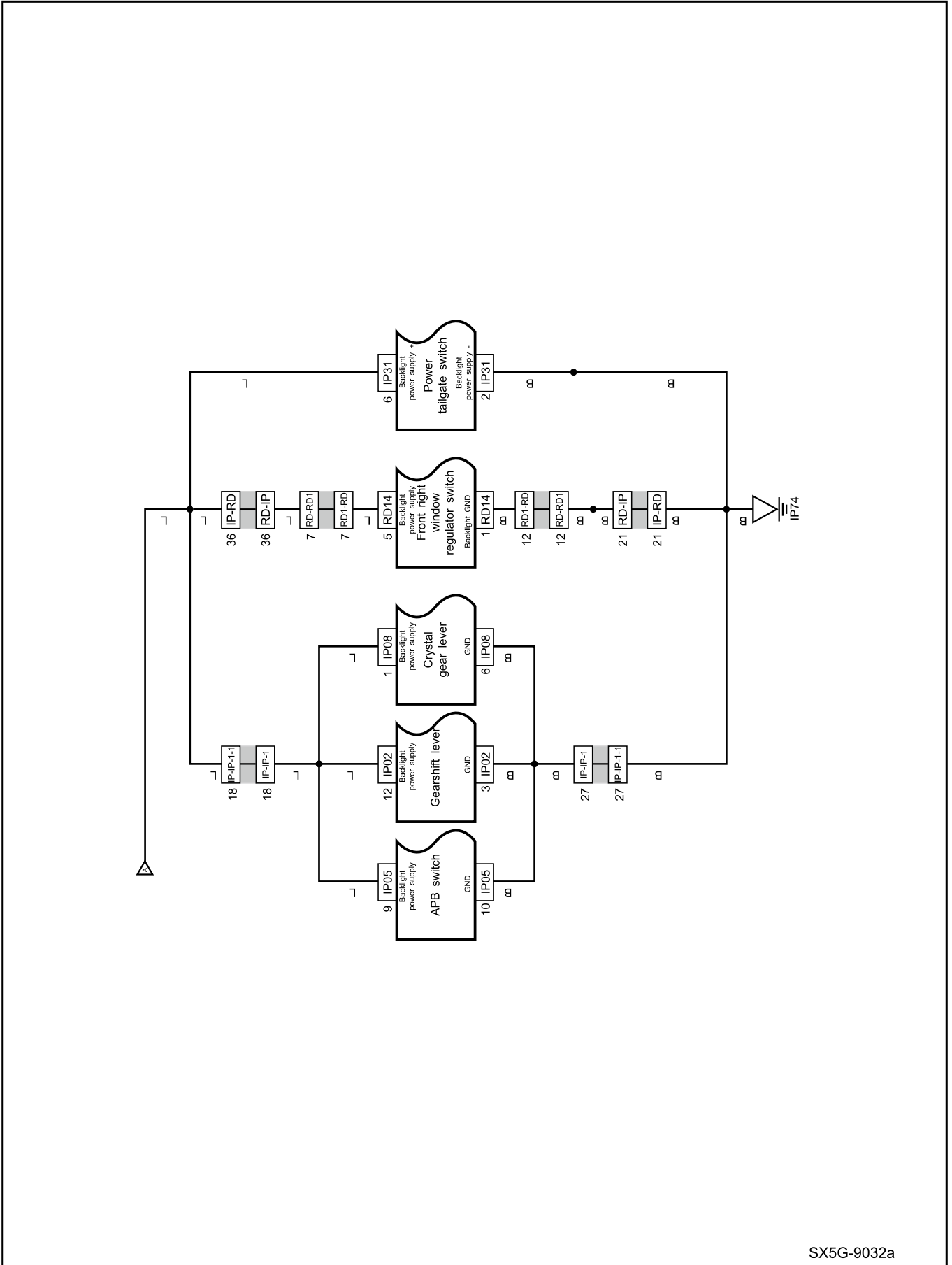


SX5G-9028a

Backlight 1-overall diagram

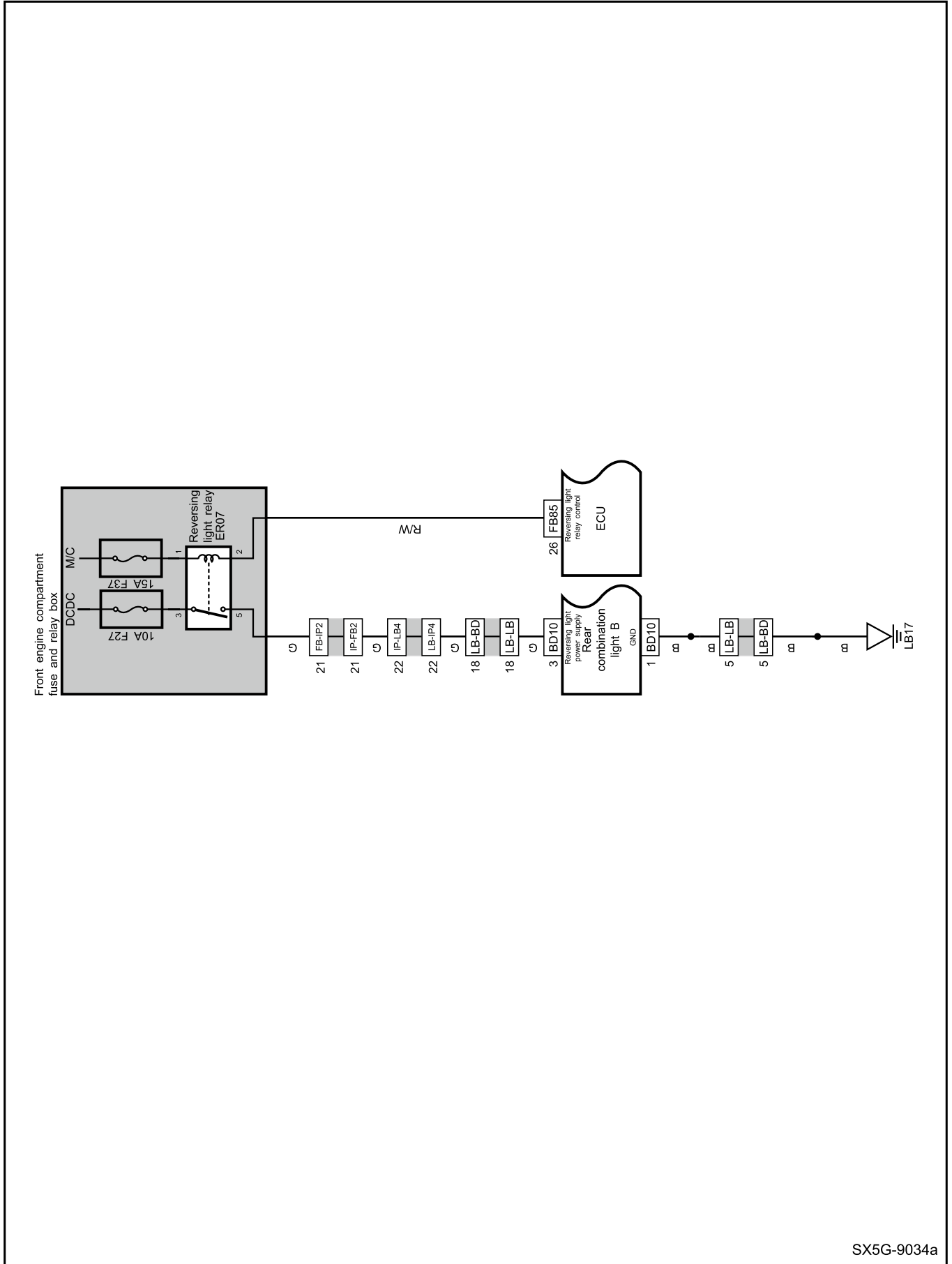


Backlight 2-overall diagram

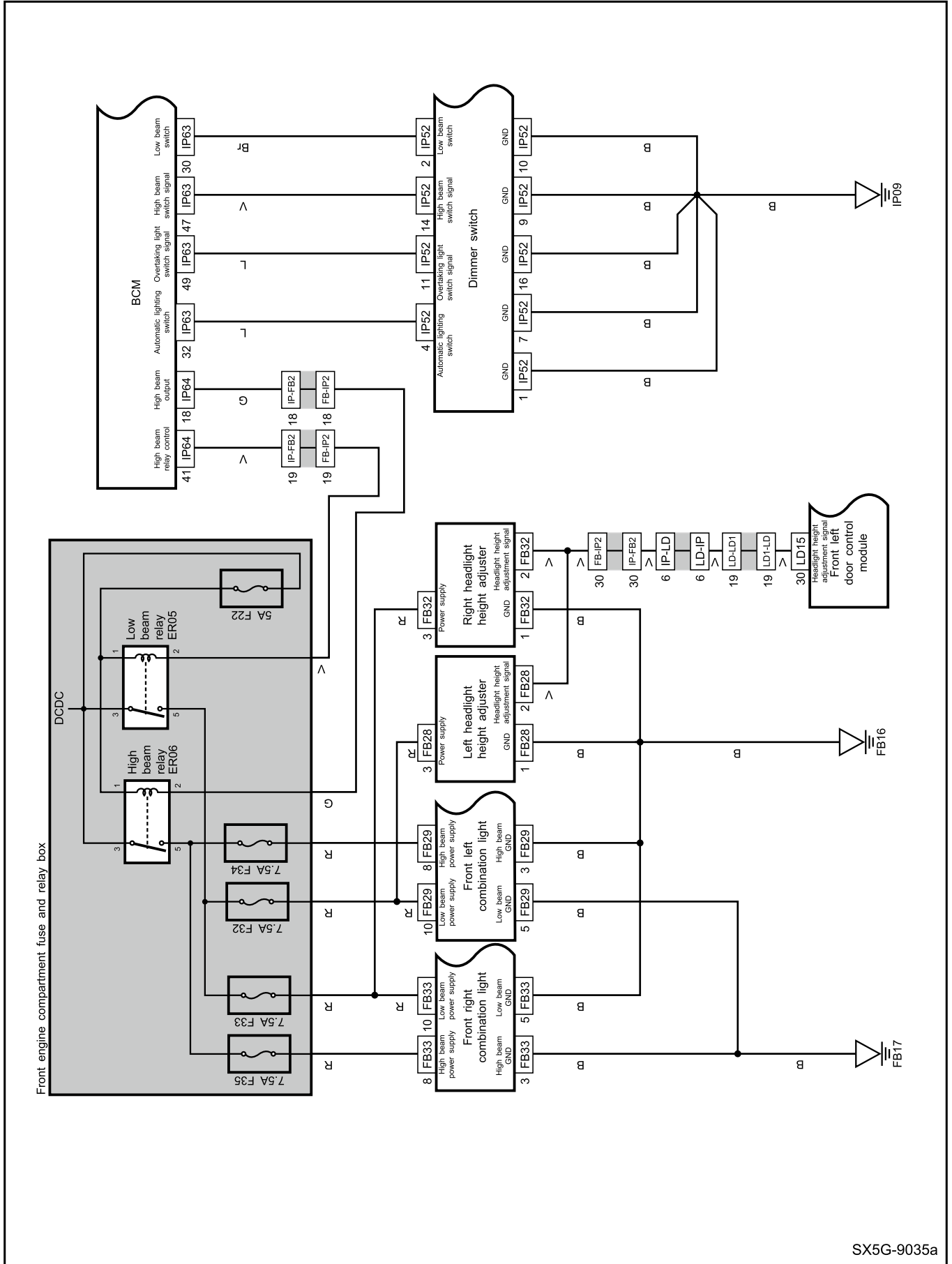


SX5G-9032a

Reversing light-overall diagram

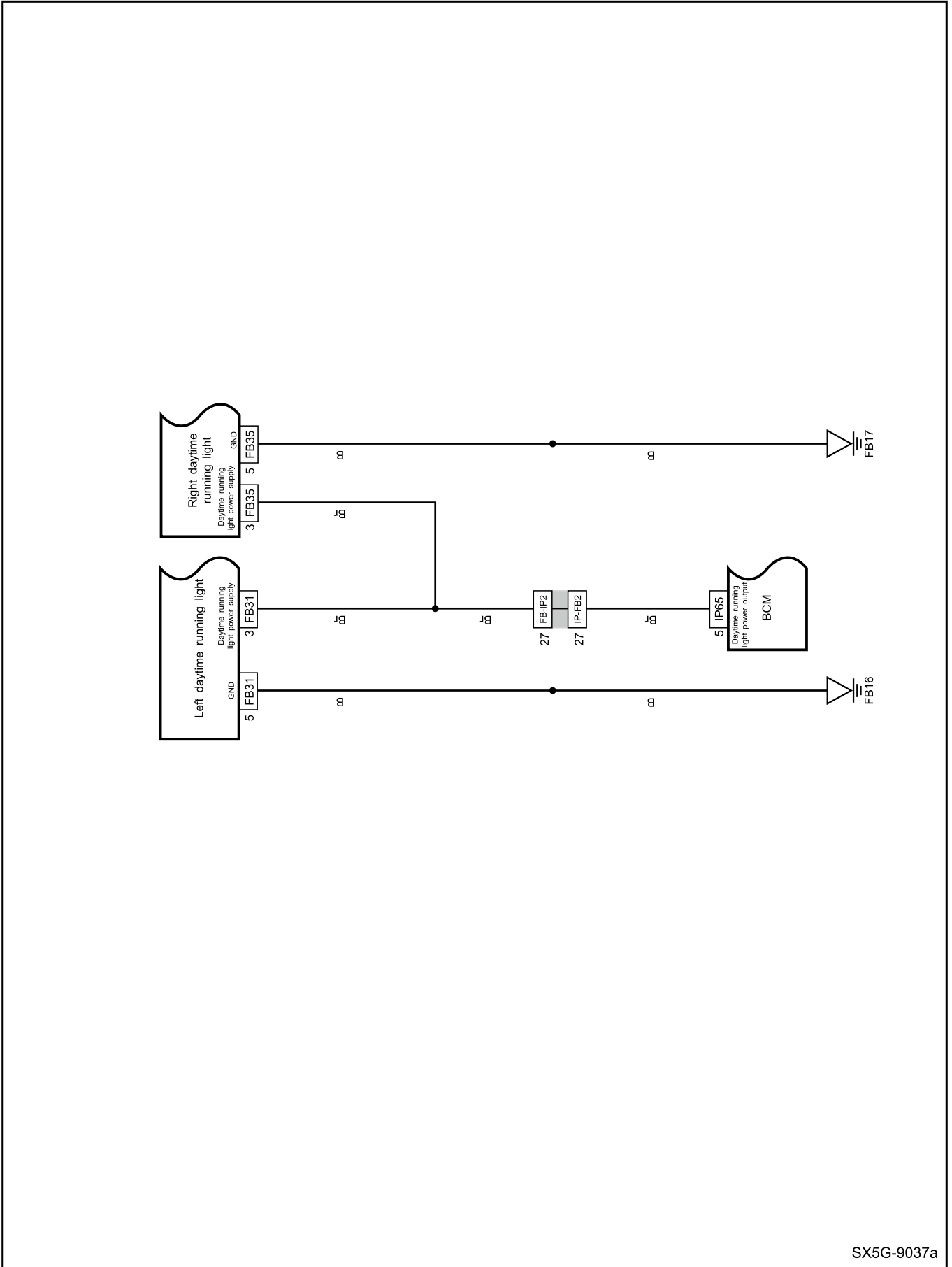


Headlight-overall diagram



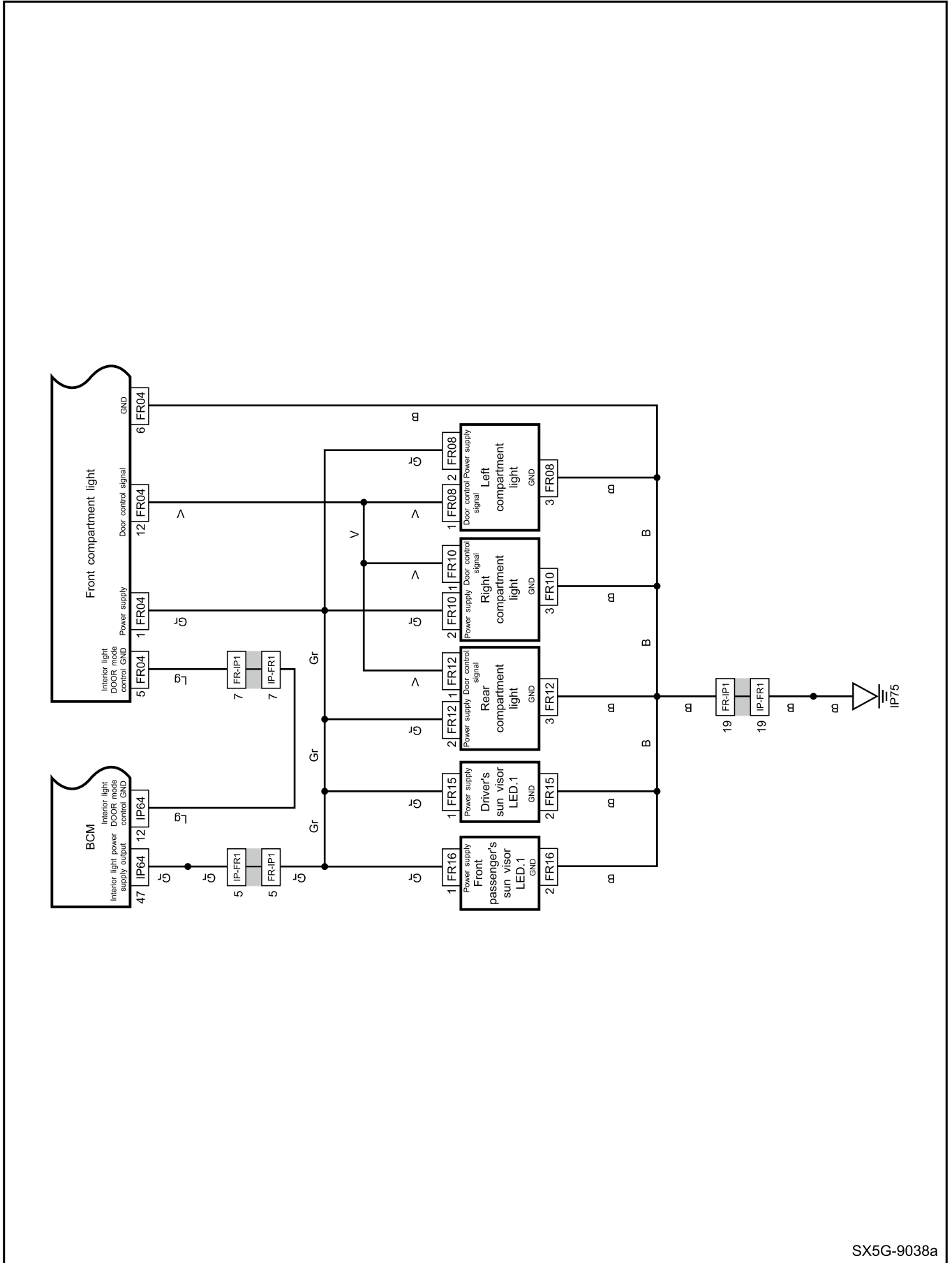
SX5G-9035a

Daytime running light-overall diagram



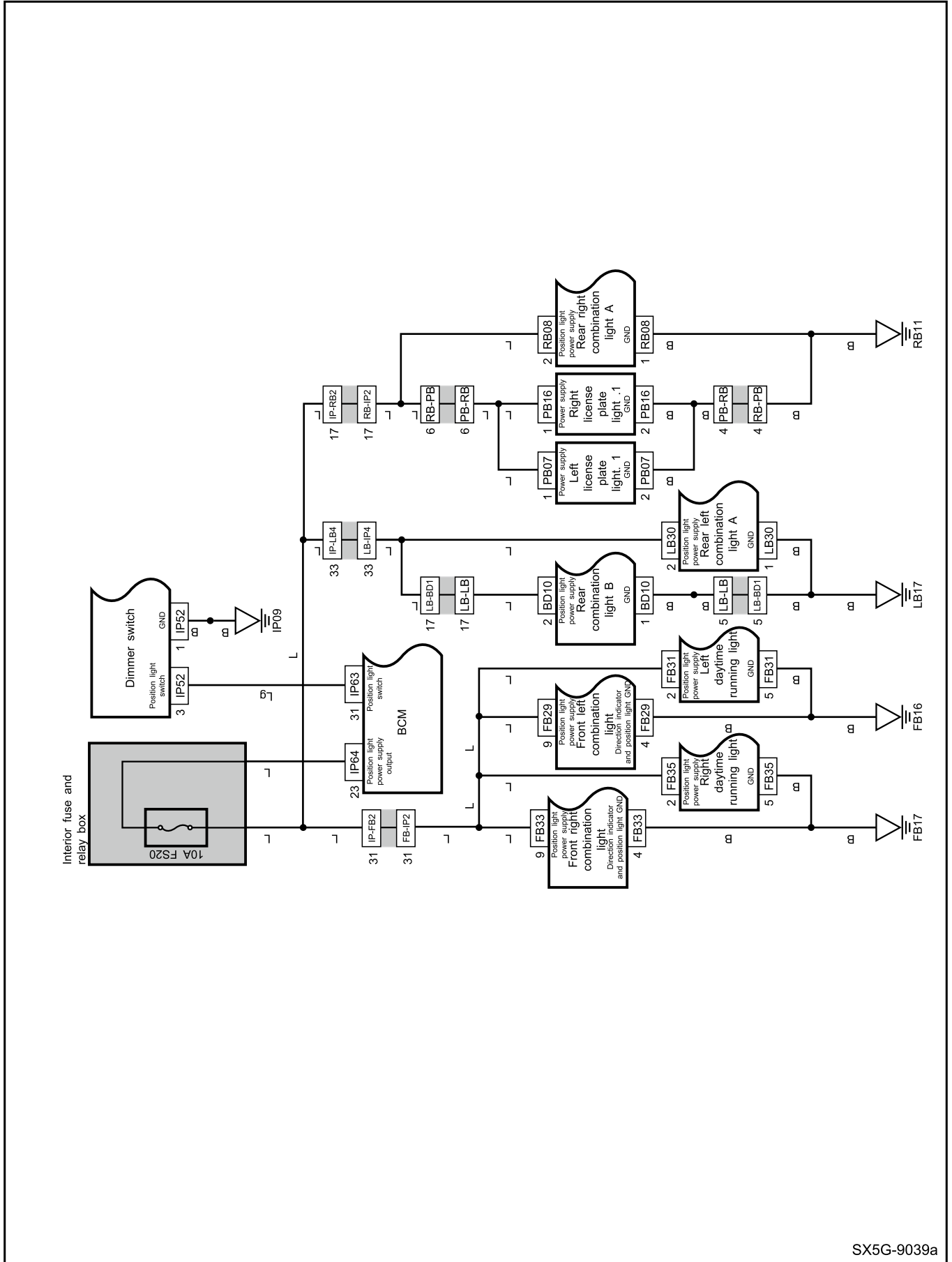
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Interior light-overall diagram



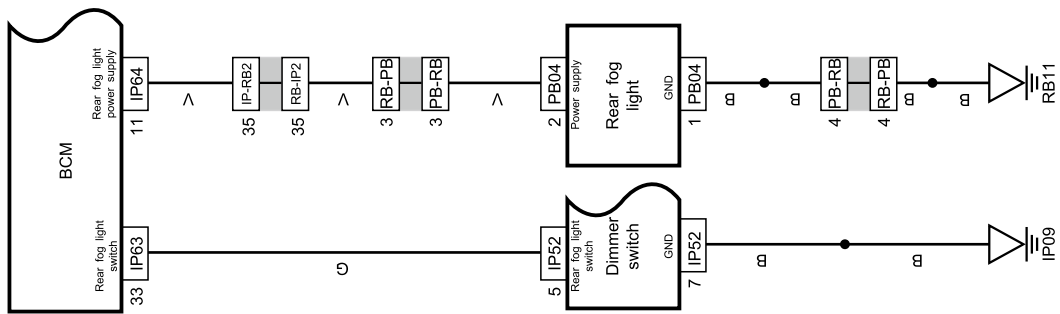
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Position light-overall diagram



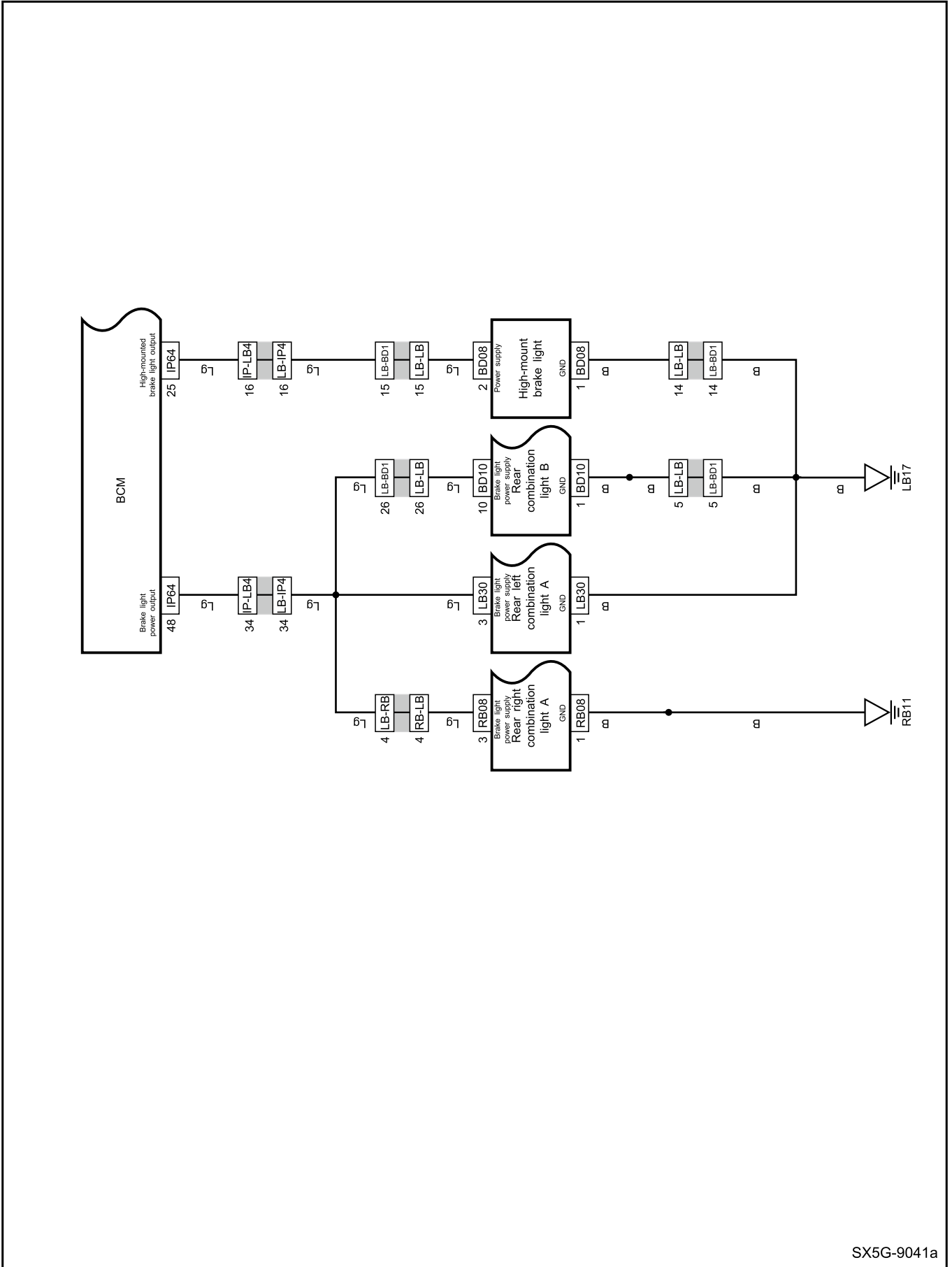
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Fog light-overall diagram



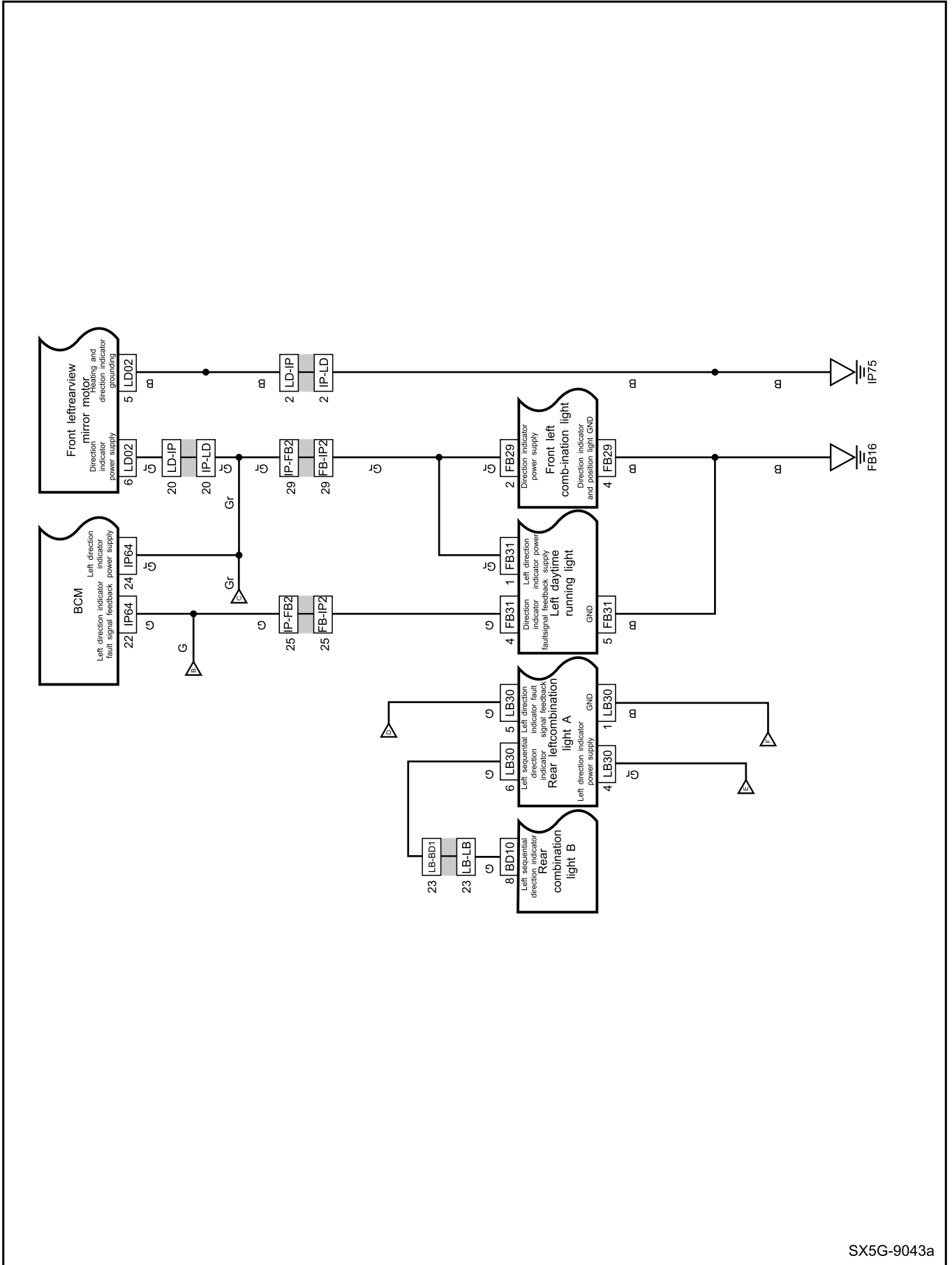
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Brake light-overall diagram



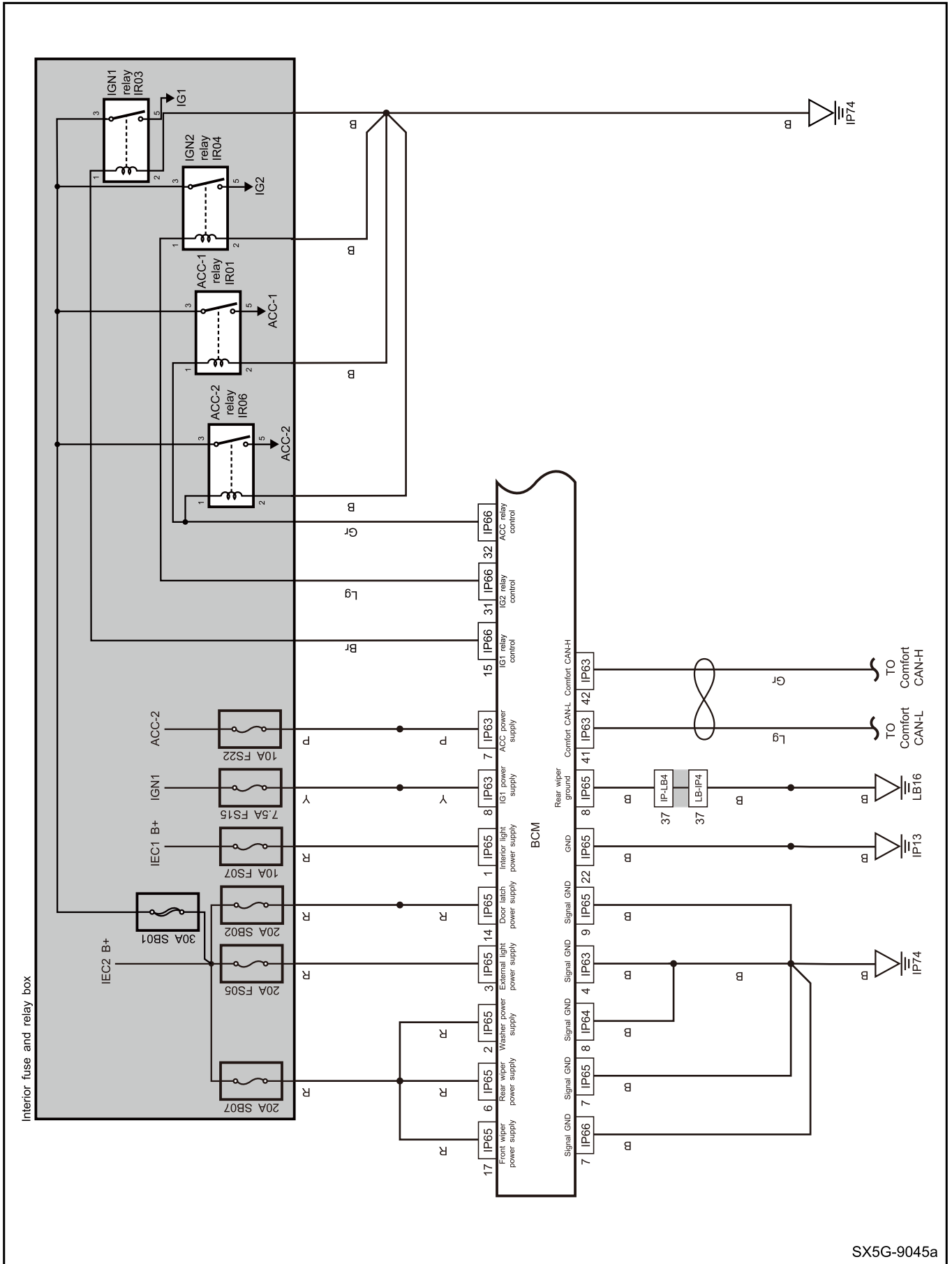
SX5G-9041a

Direction indicator and hazard warning light 2-overall diagram



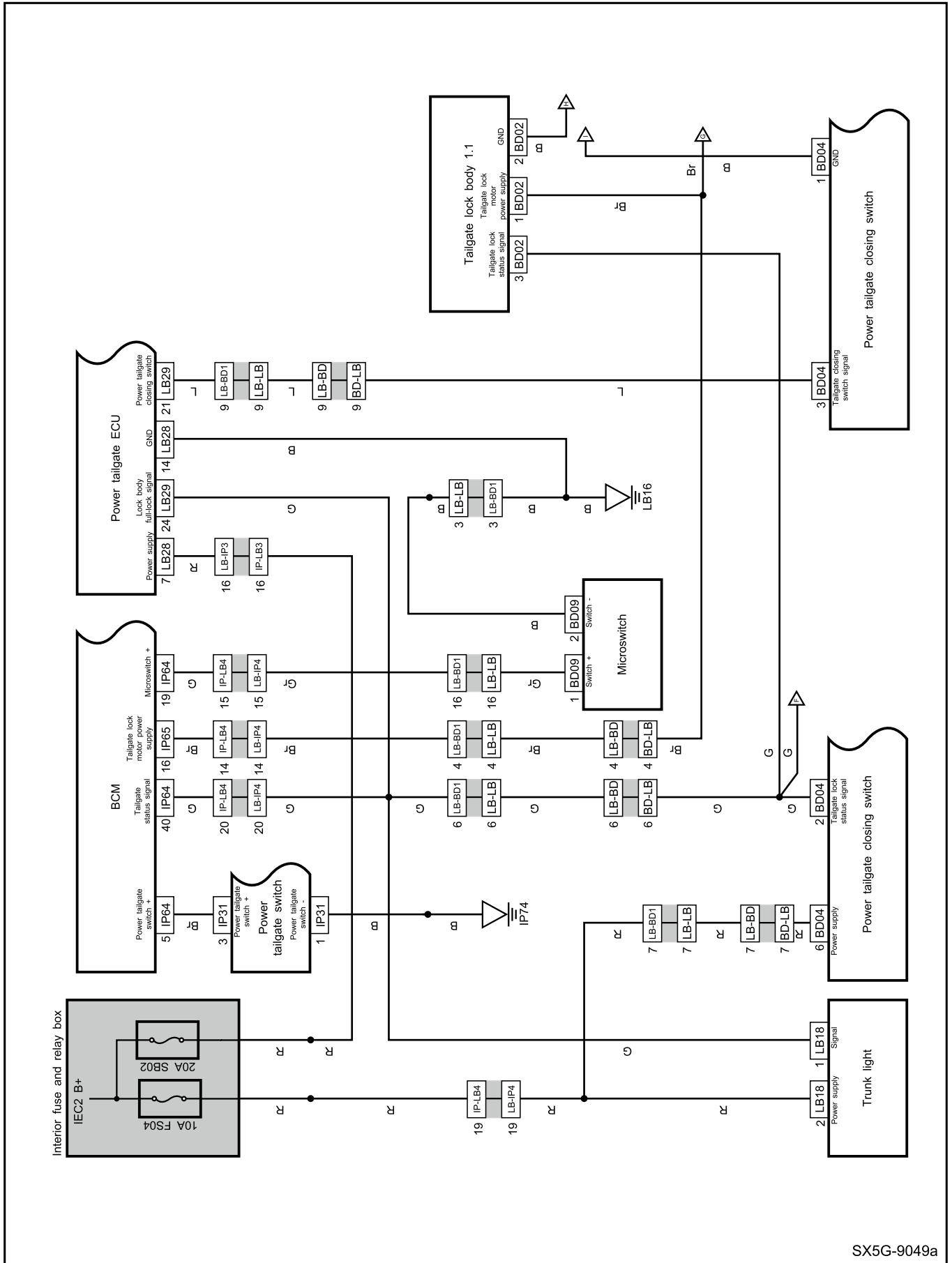
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BCM power, ground and data cable-overall diagram



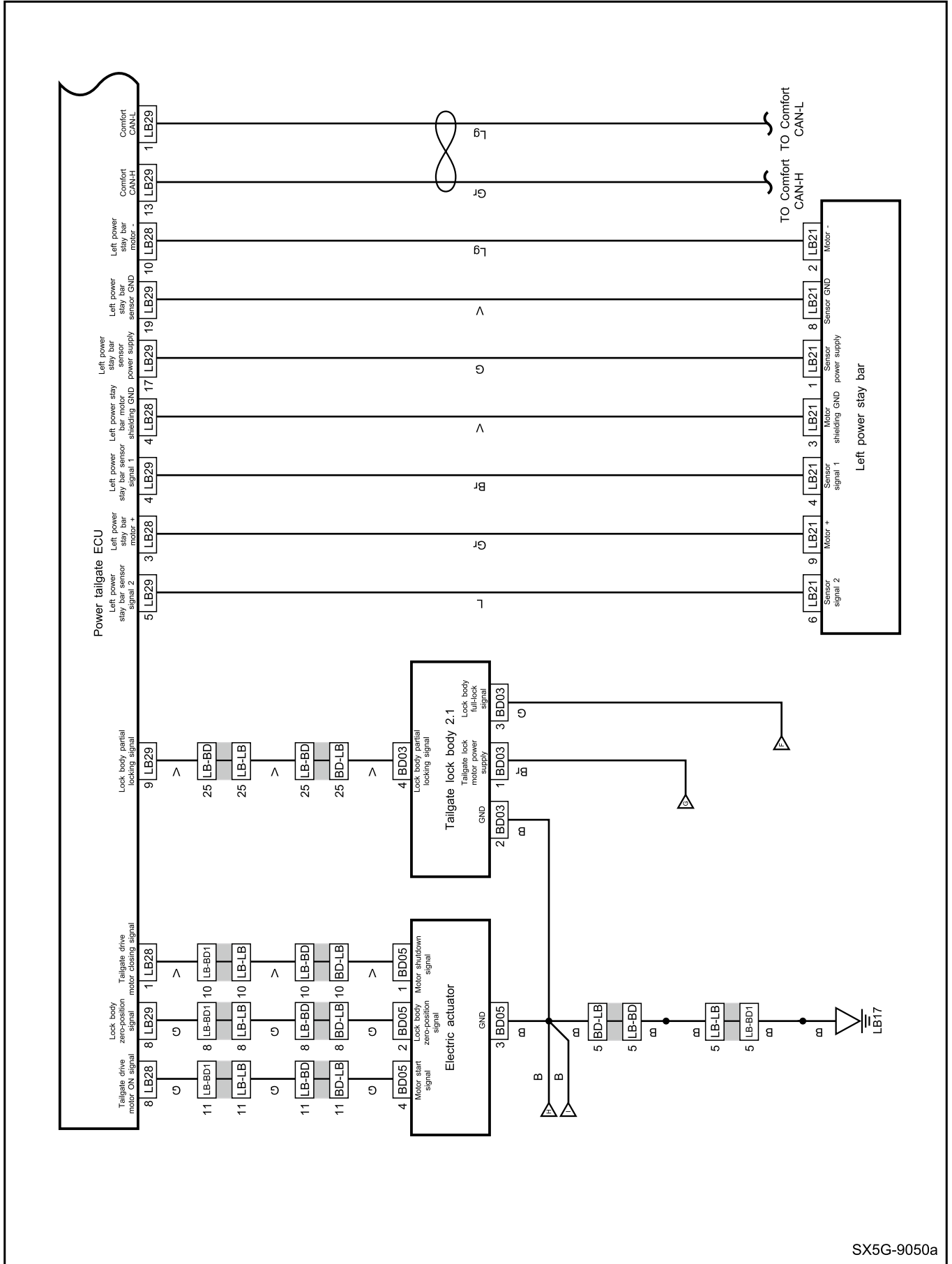
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Tailgate lock 1-overall diagram



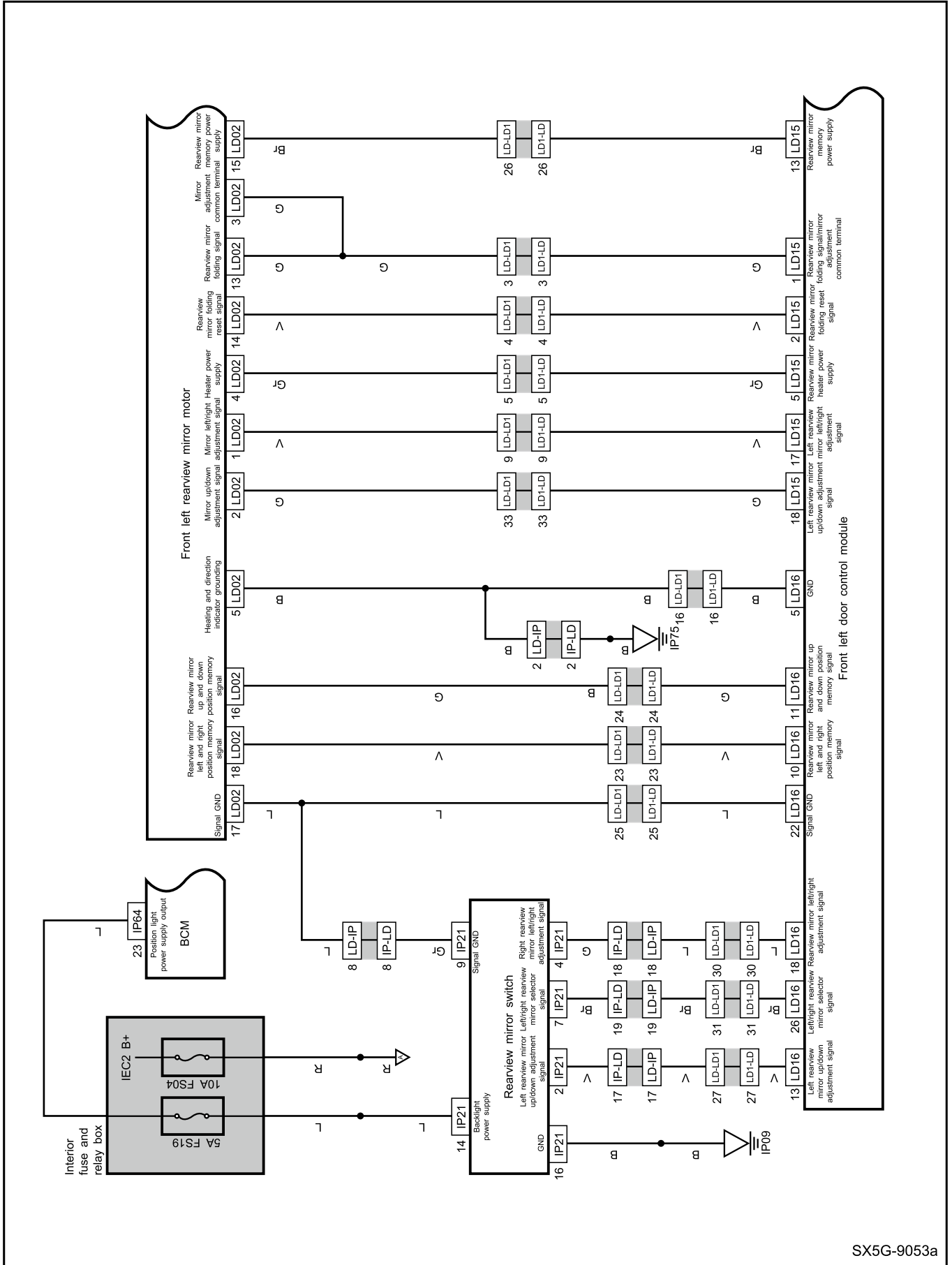
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Tailgate lock 2-overall diagram



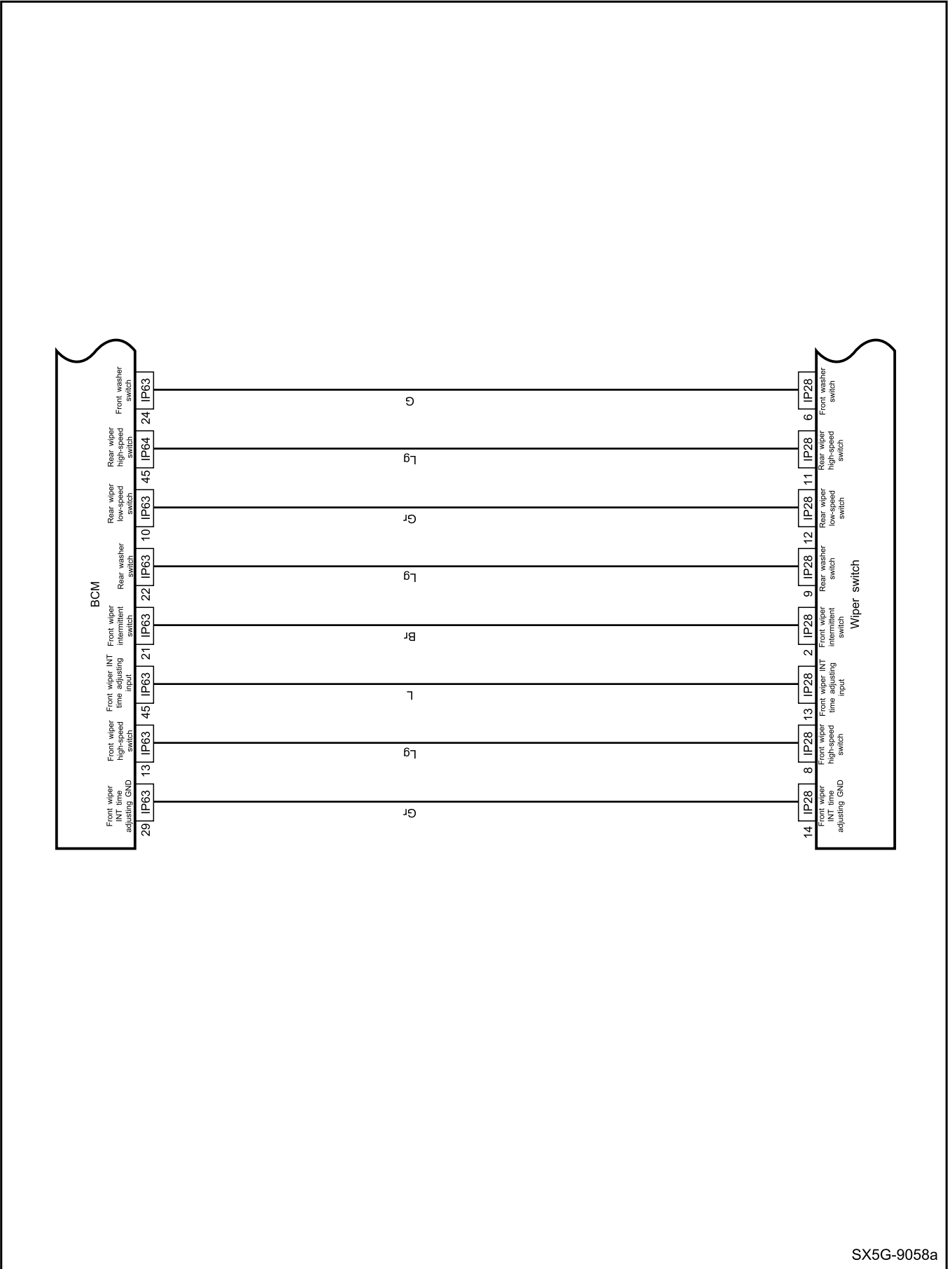
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Rearview mirror control system 1-overall diagram



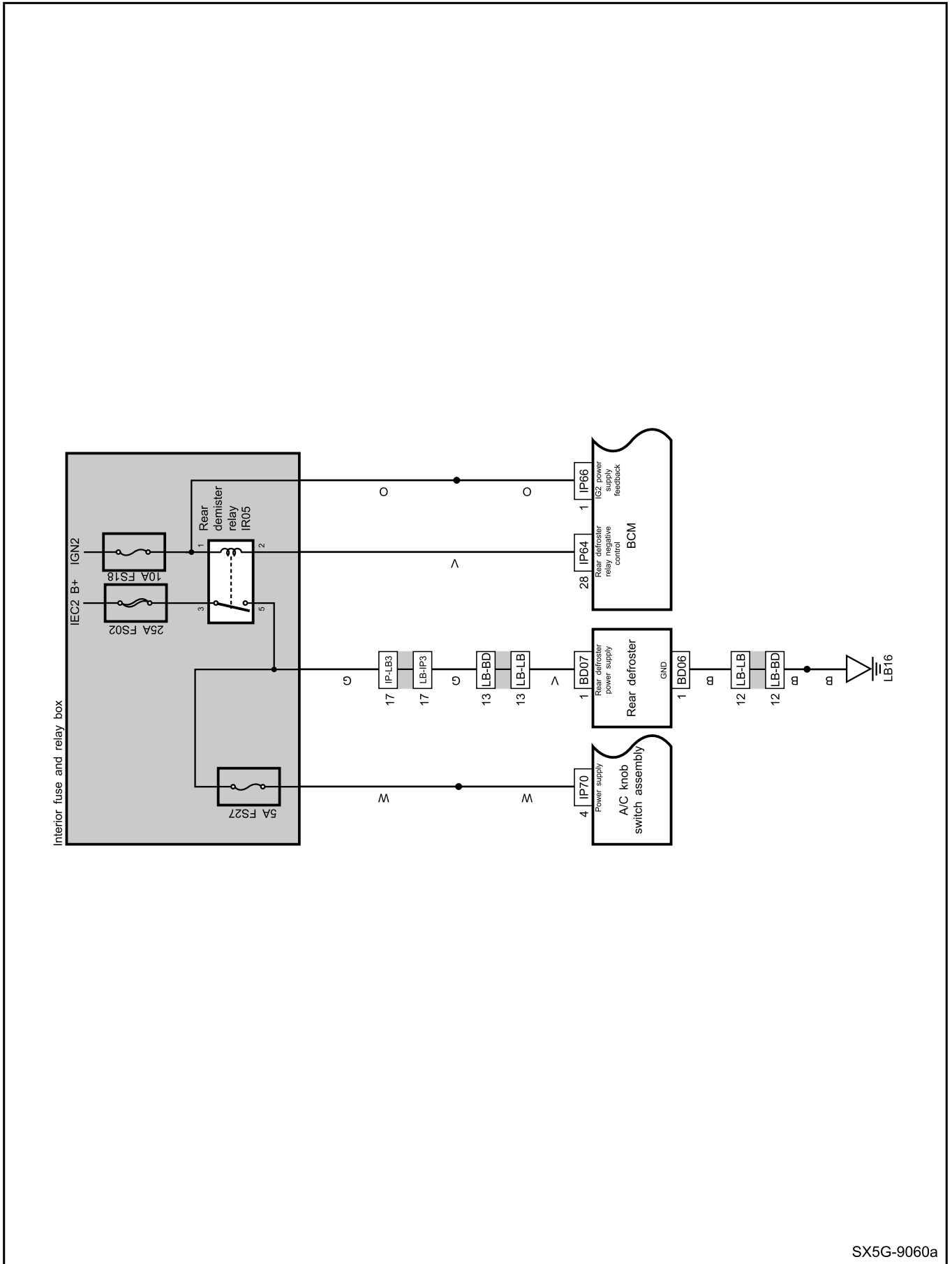
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Wiper control system 2-overall diagram



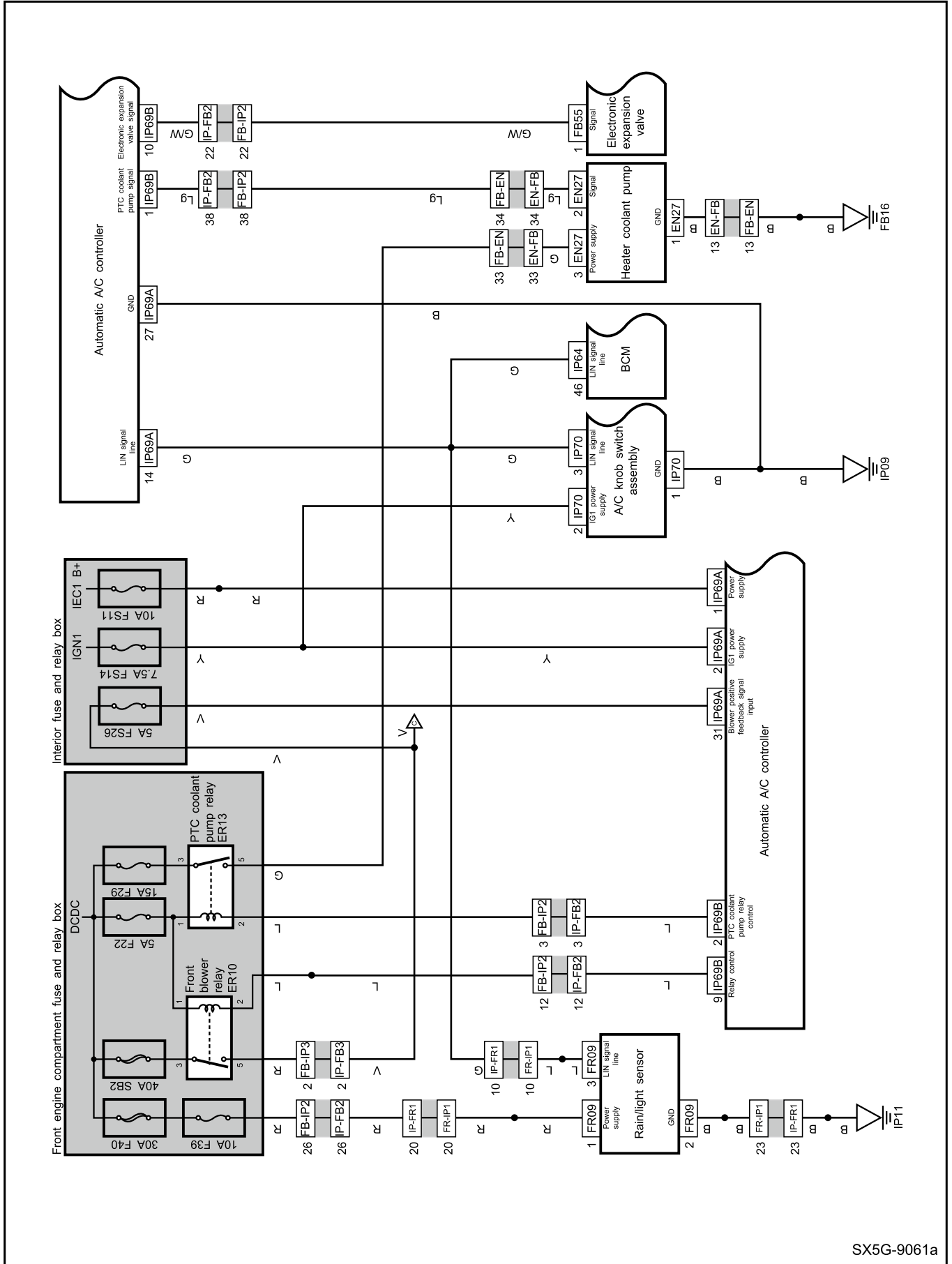
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Defroster control-overall diagram



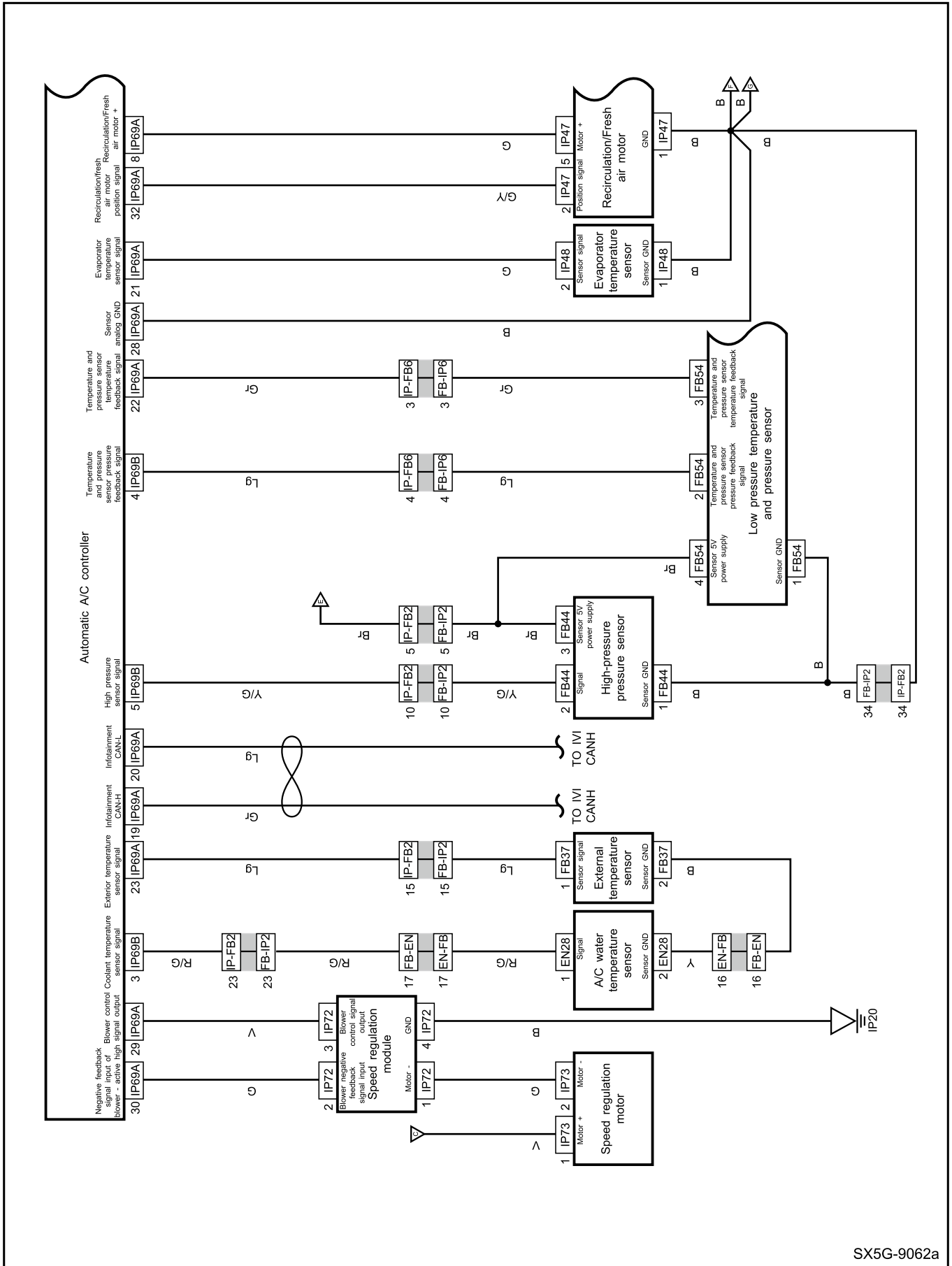
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Automatic A/C 1-overall diagram



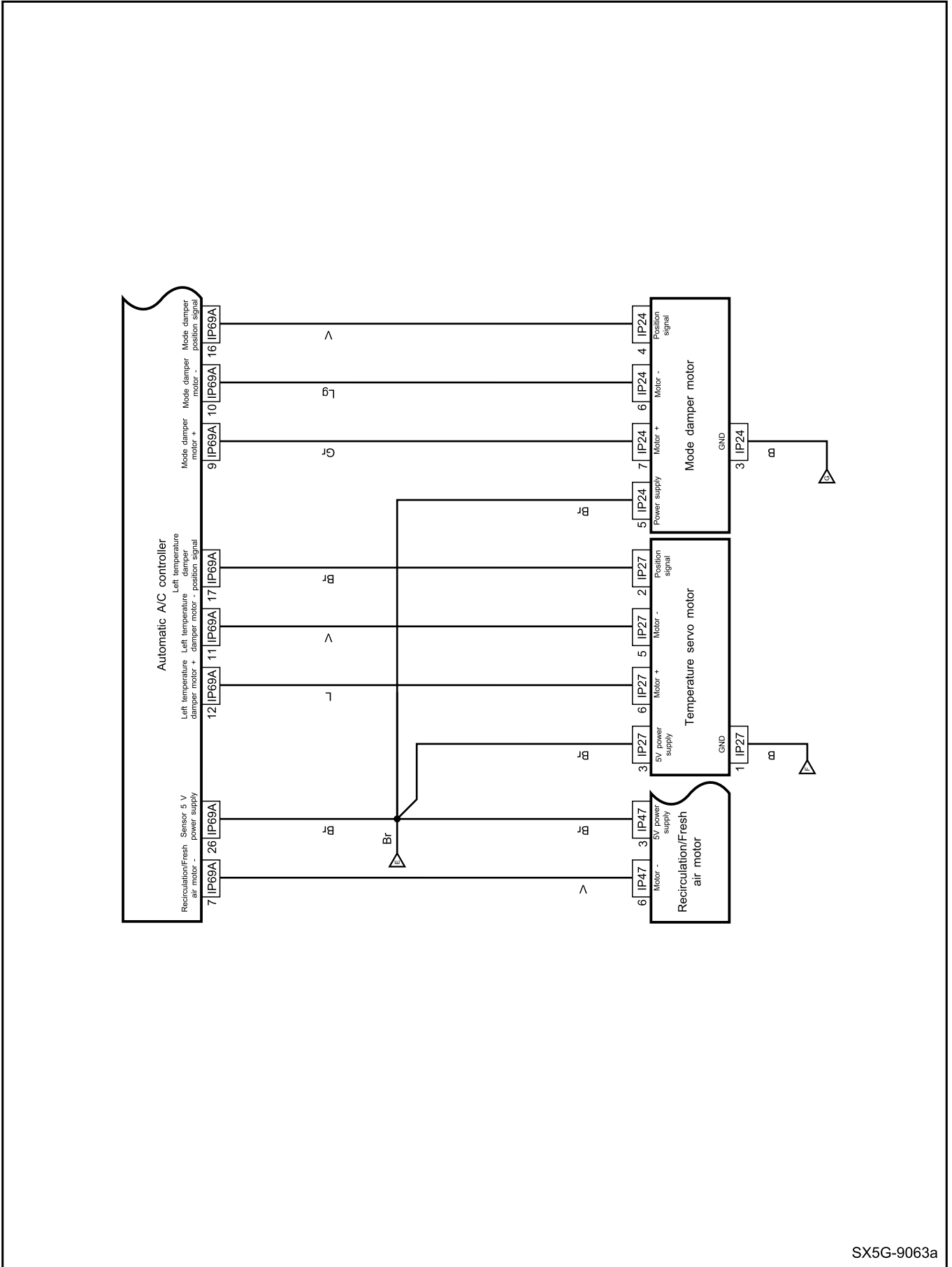
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Automatic A/C 2-overall diagram



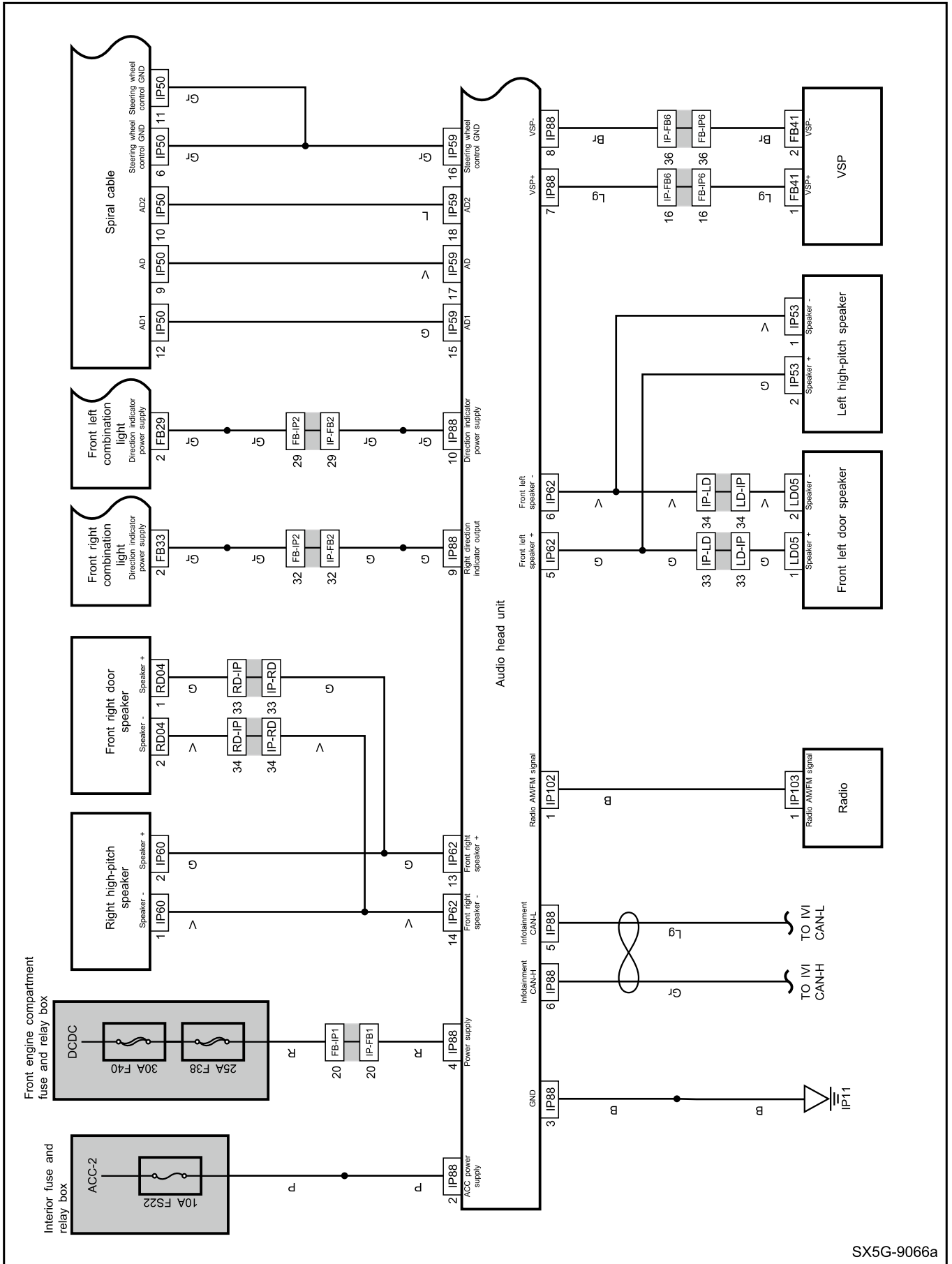
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Automatic A/C 3-overall diagram



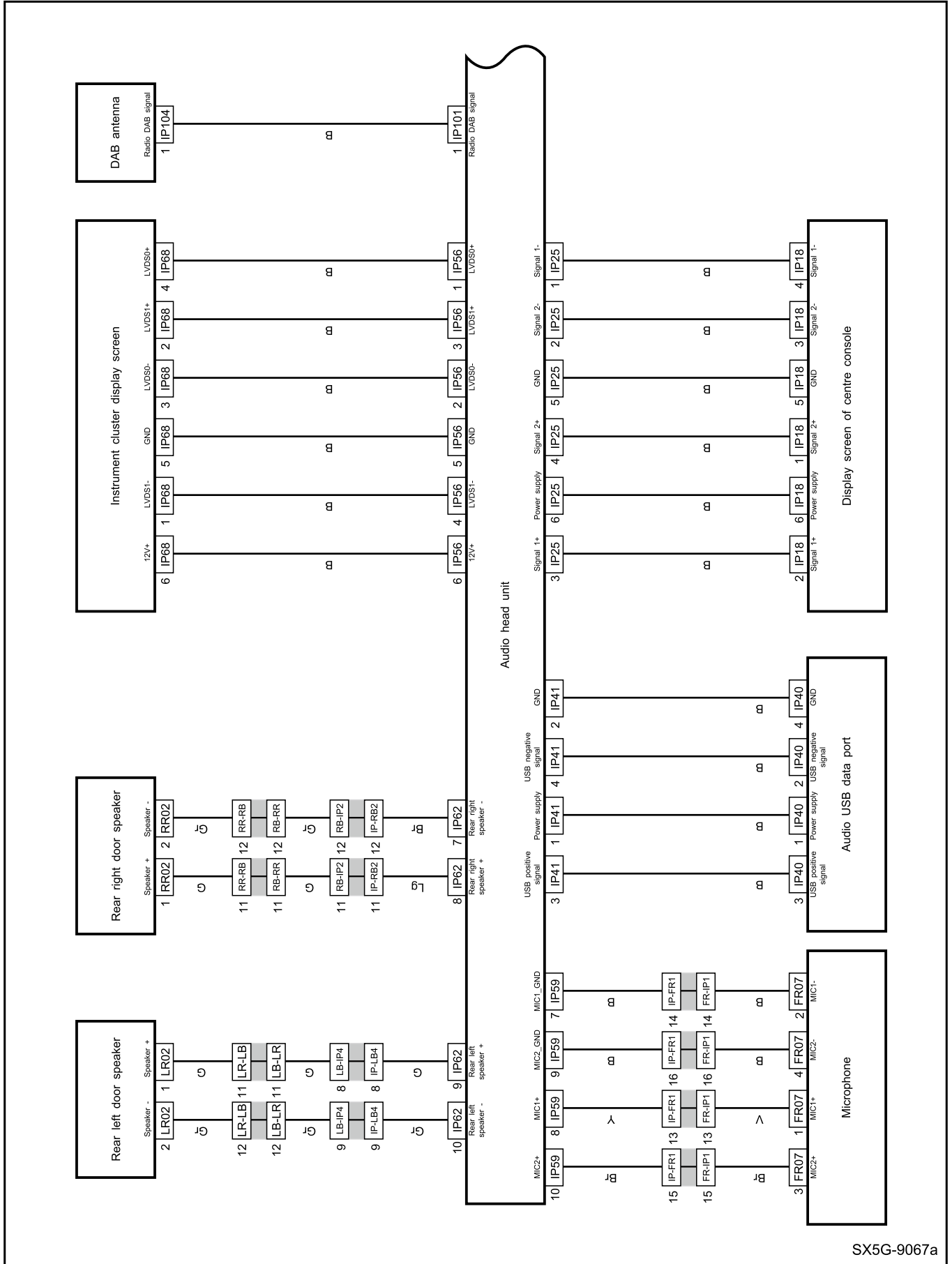
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In-vehicle infotainment system 1-overall diagram

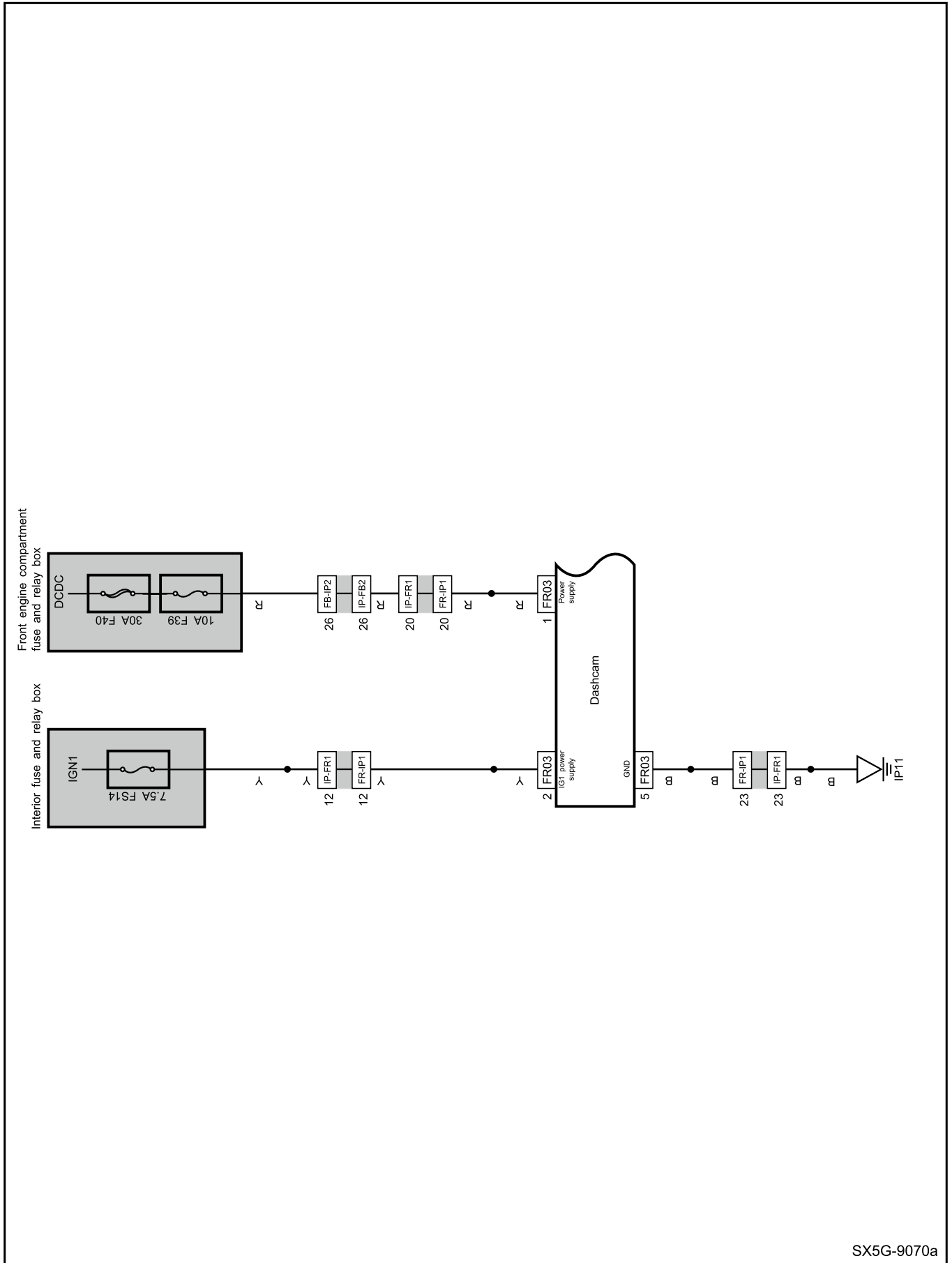


SX5G-9066a

In-vehicle infotainment system 2-overall diagram

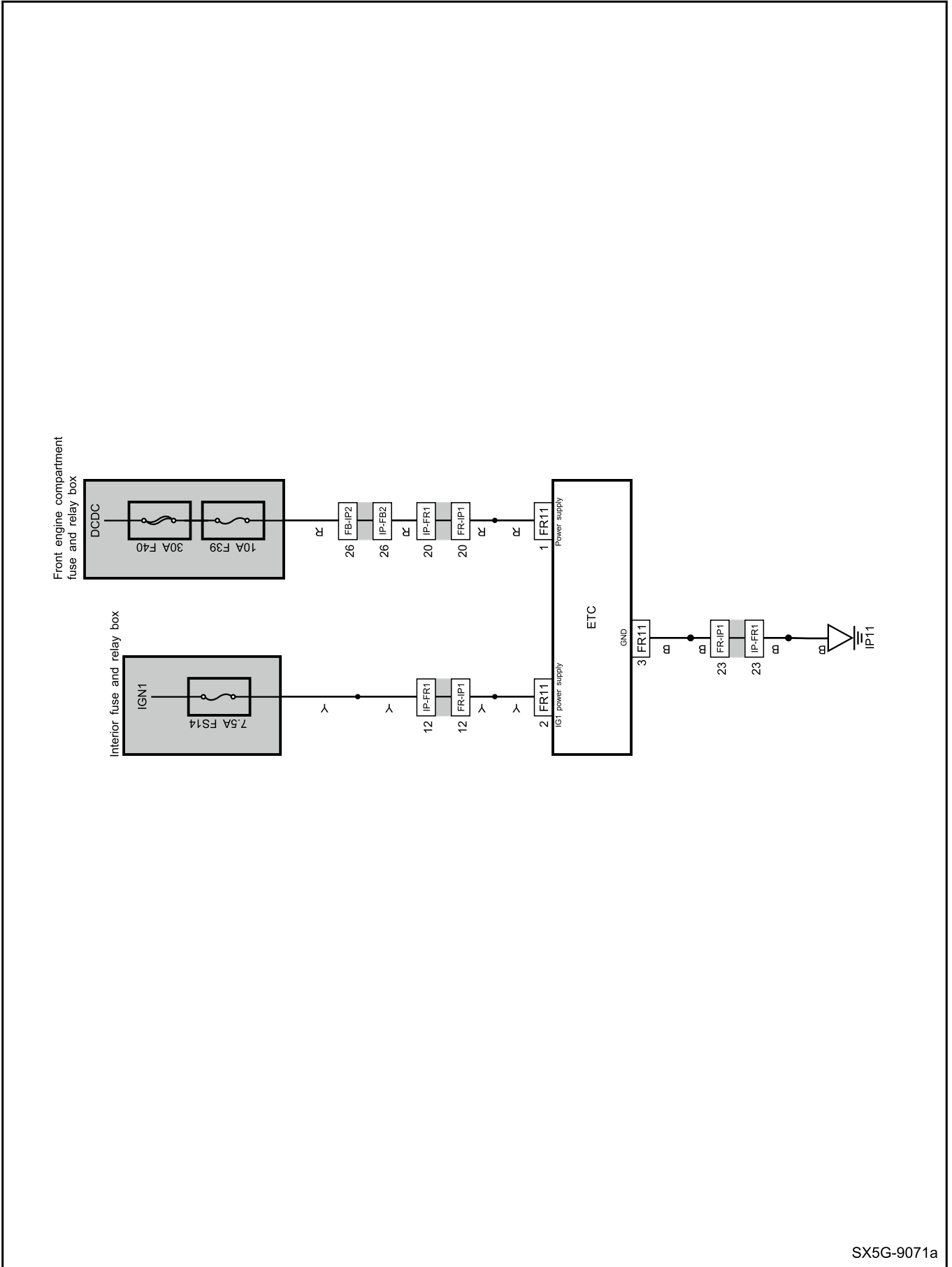


Dashcam-overall diagram



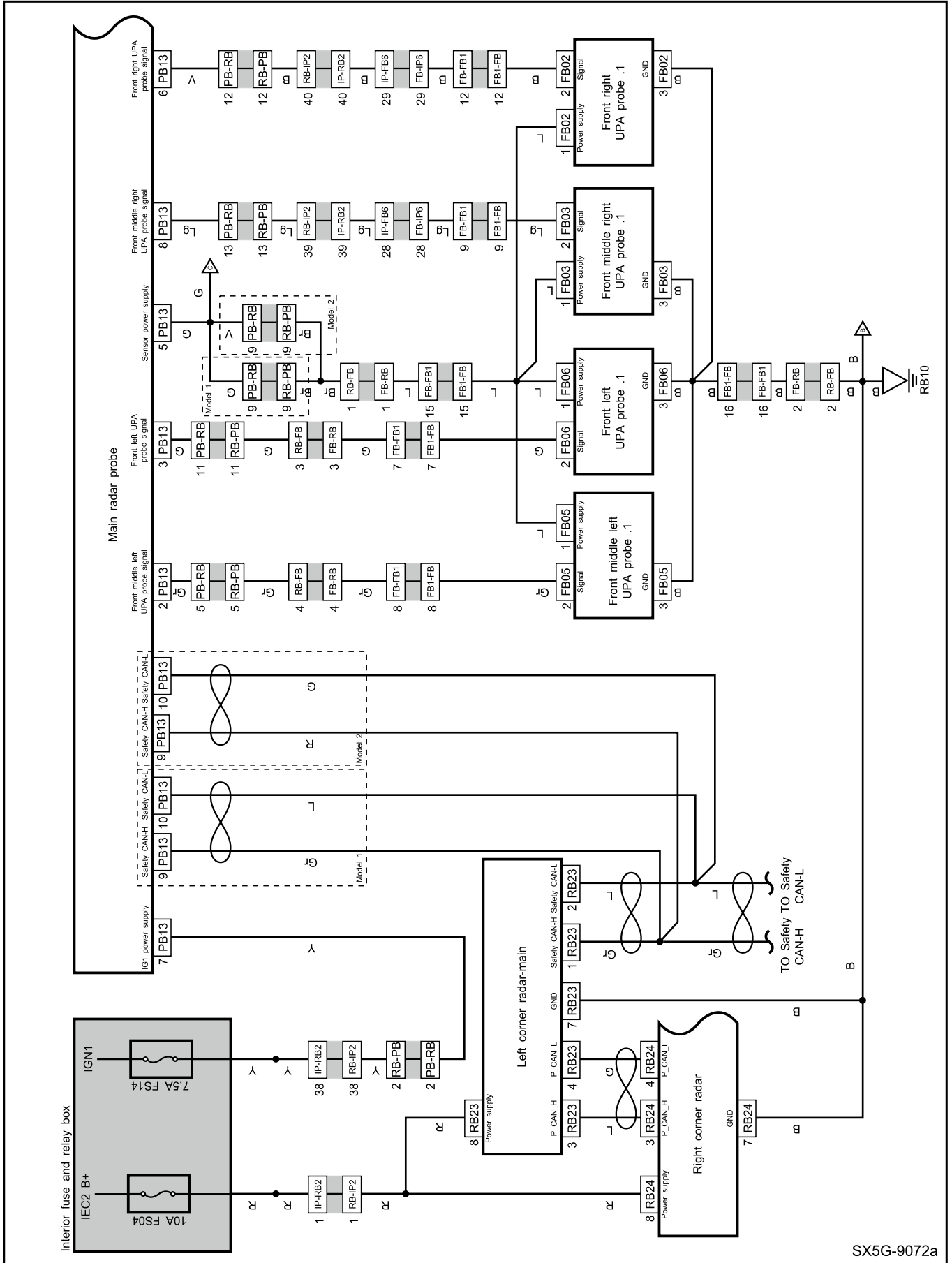
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ETC-overall diagram

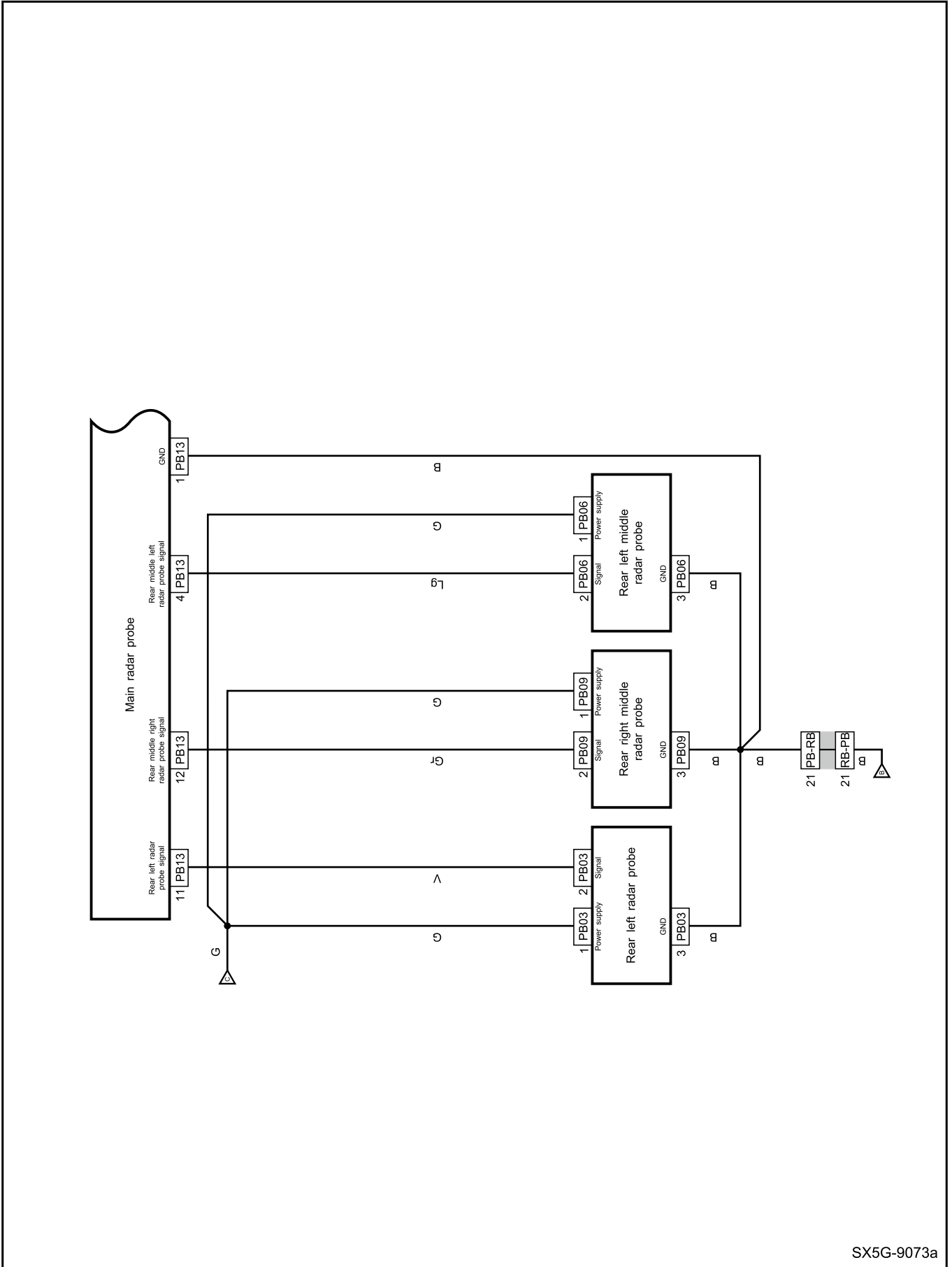


SX5G-9071a

Reversing radar system 1-overall diagram

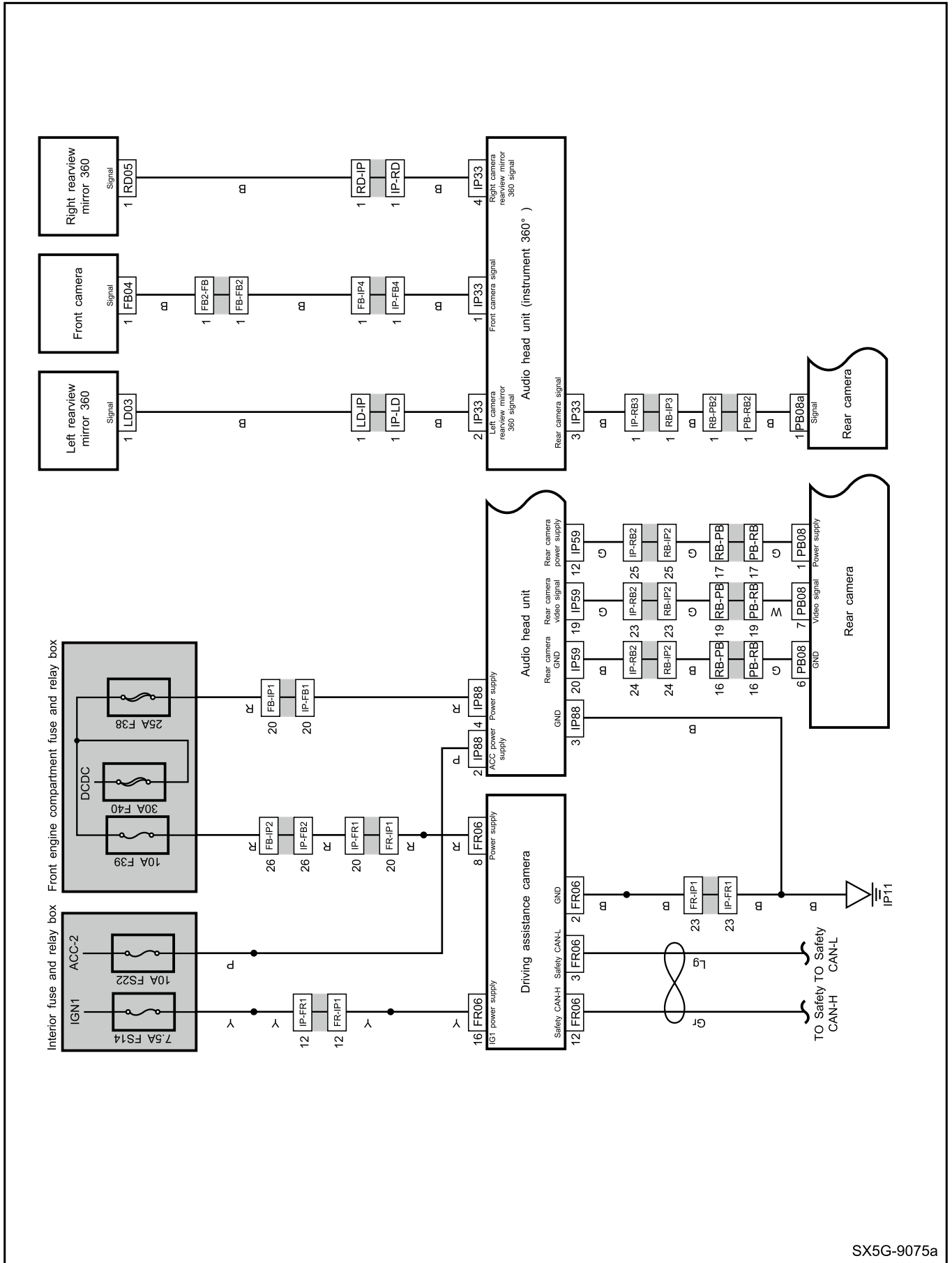


Reversing radar system 2-overall diagram



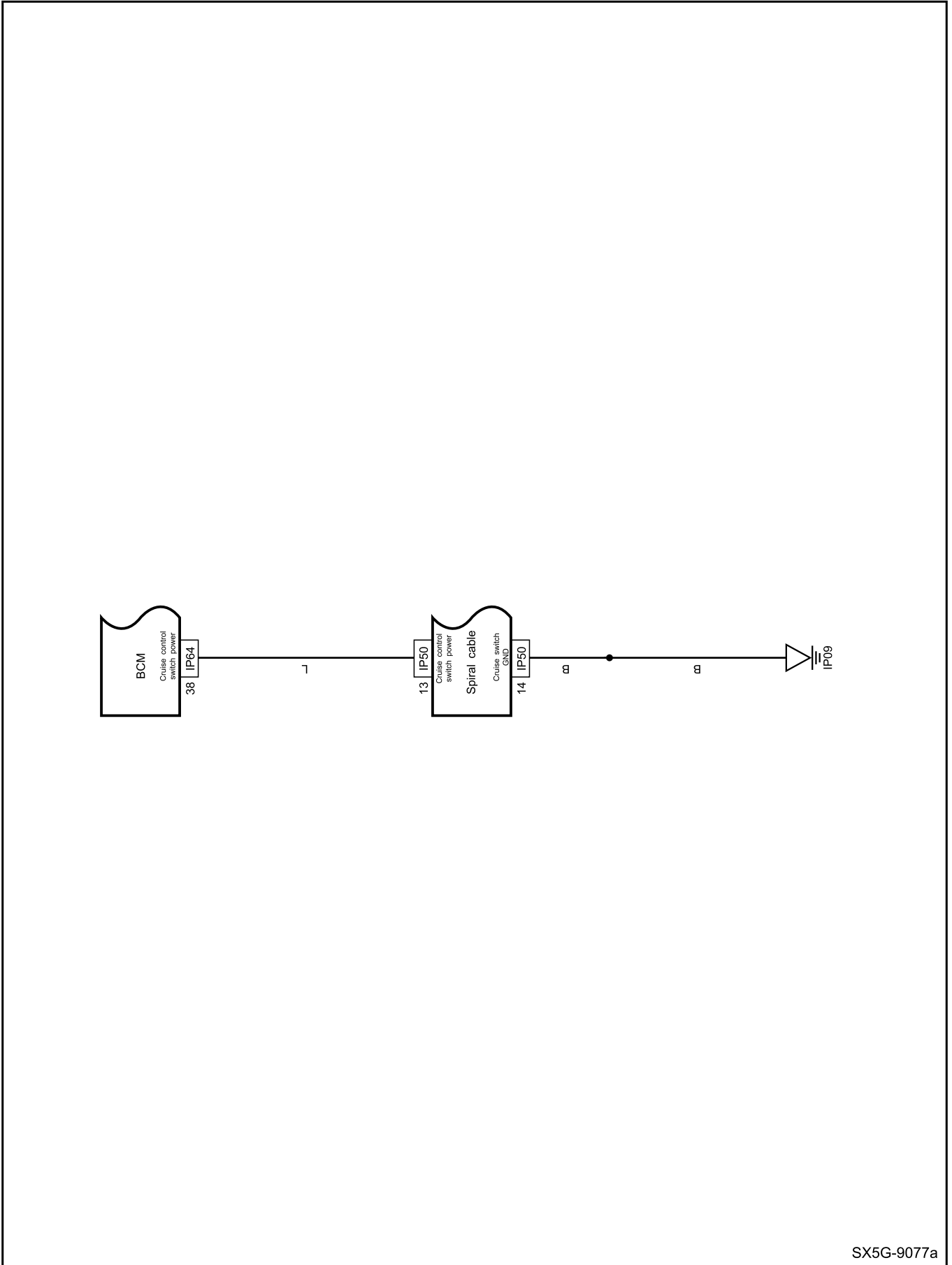
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Panoramic image-overall diagram



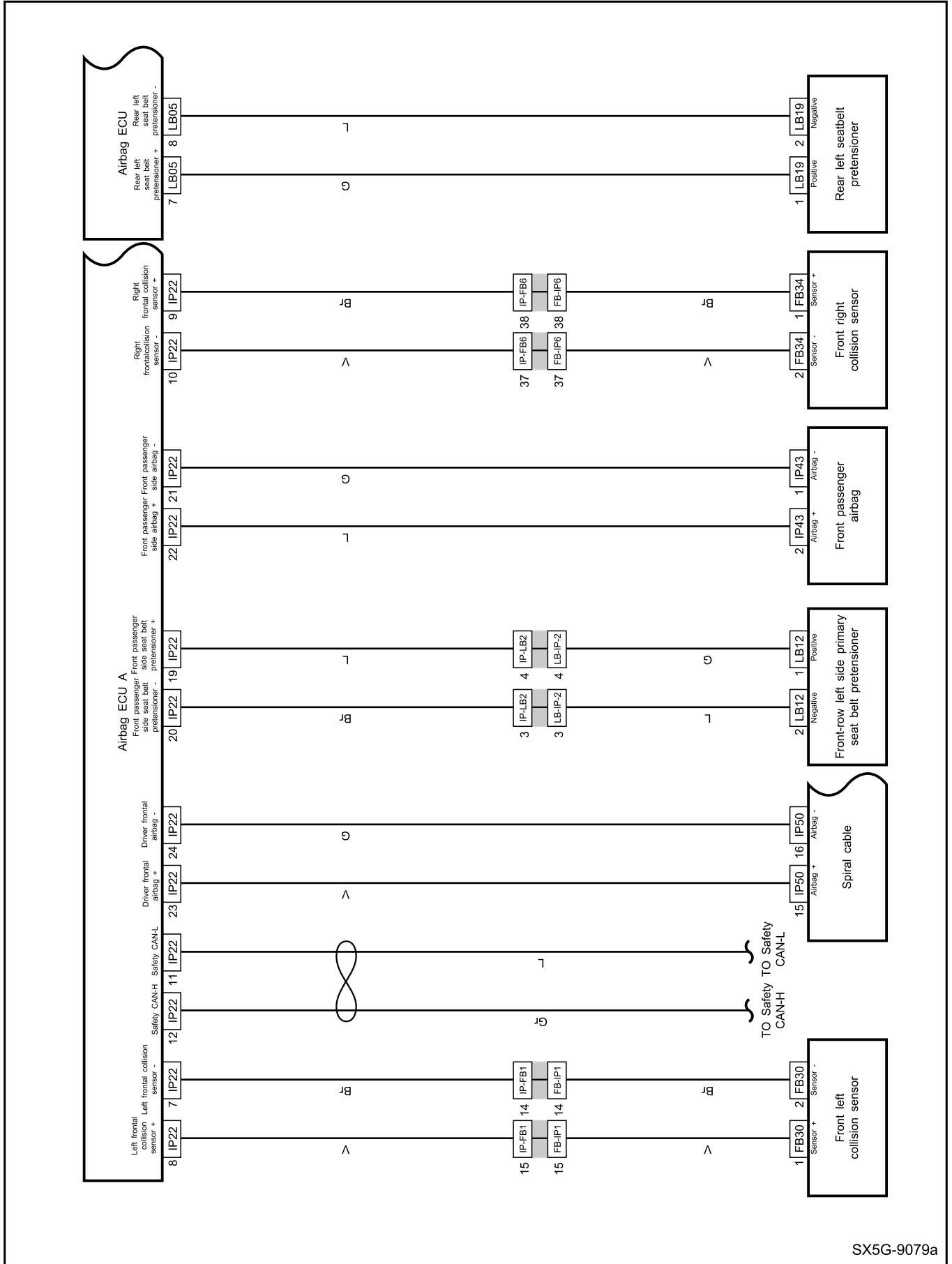
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Cruise control system-overall diagram



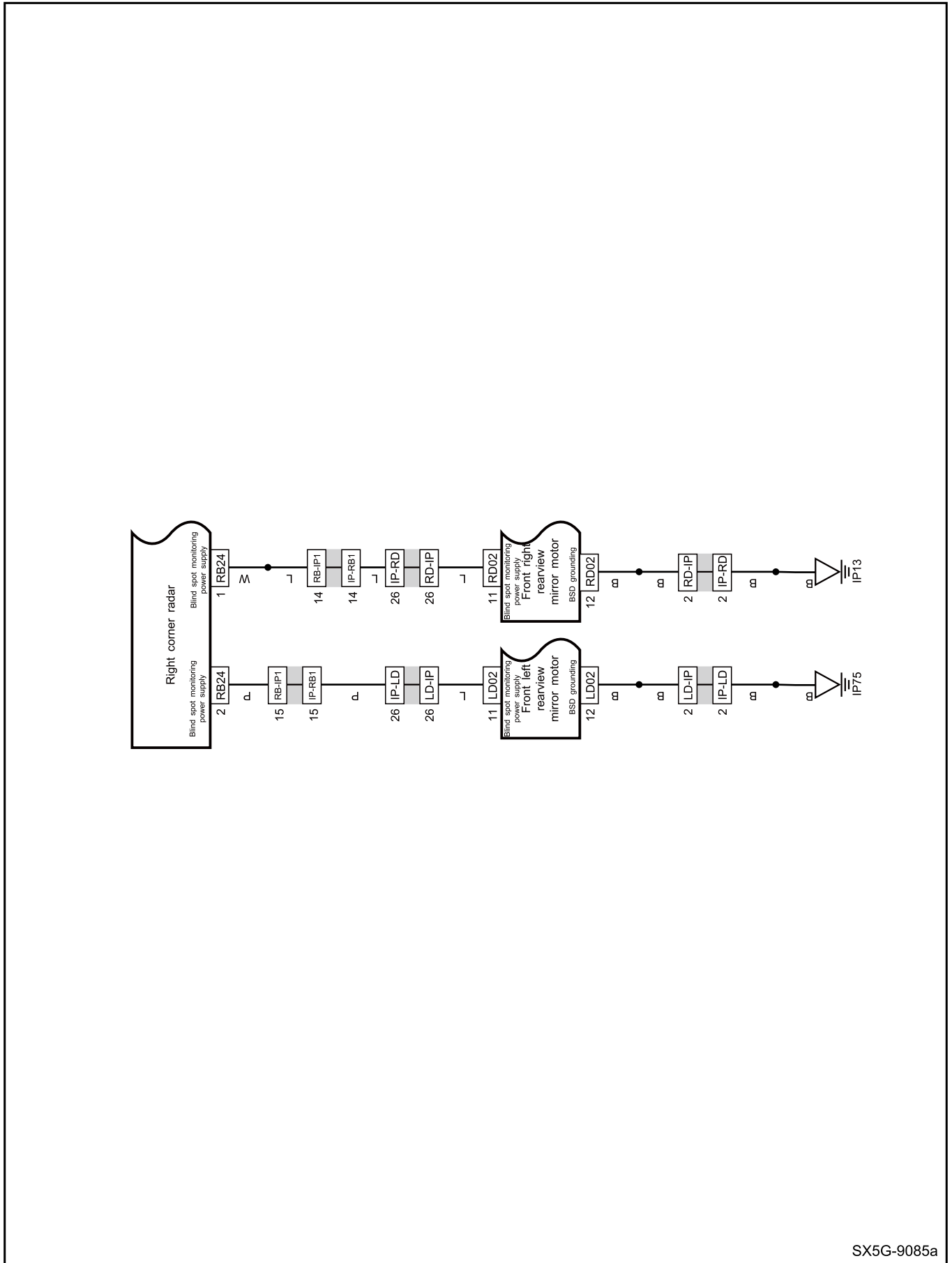
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SRS 2-overall diagram



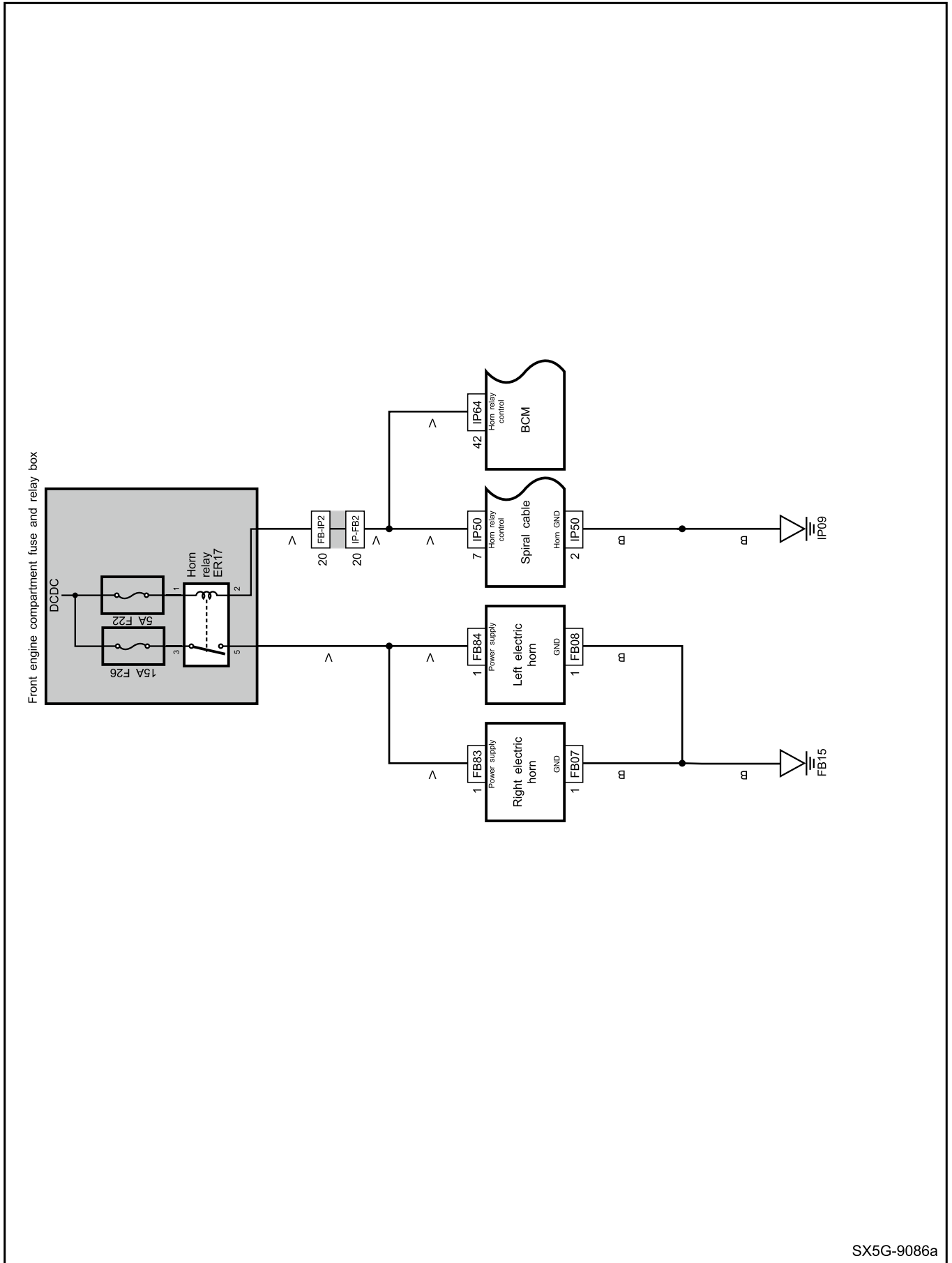
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Blind spot detection-overall diagram



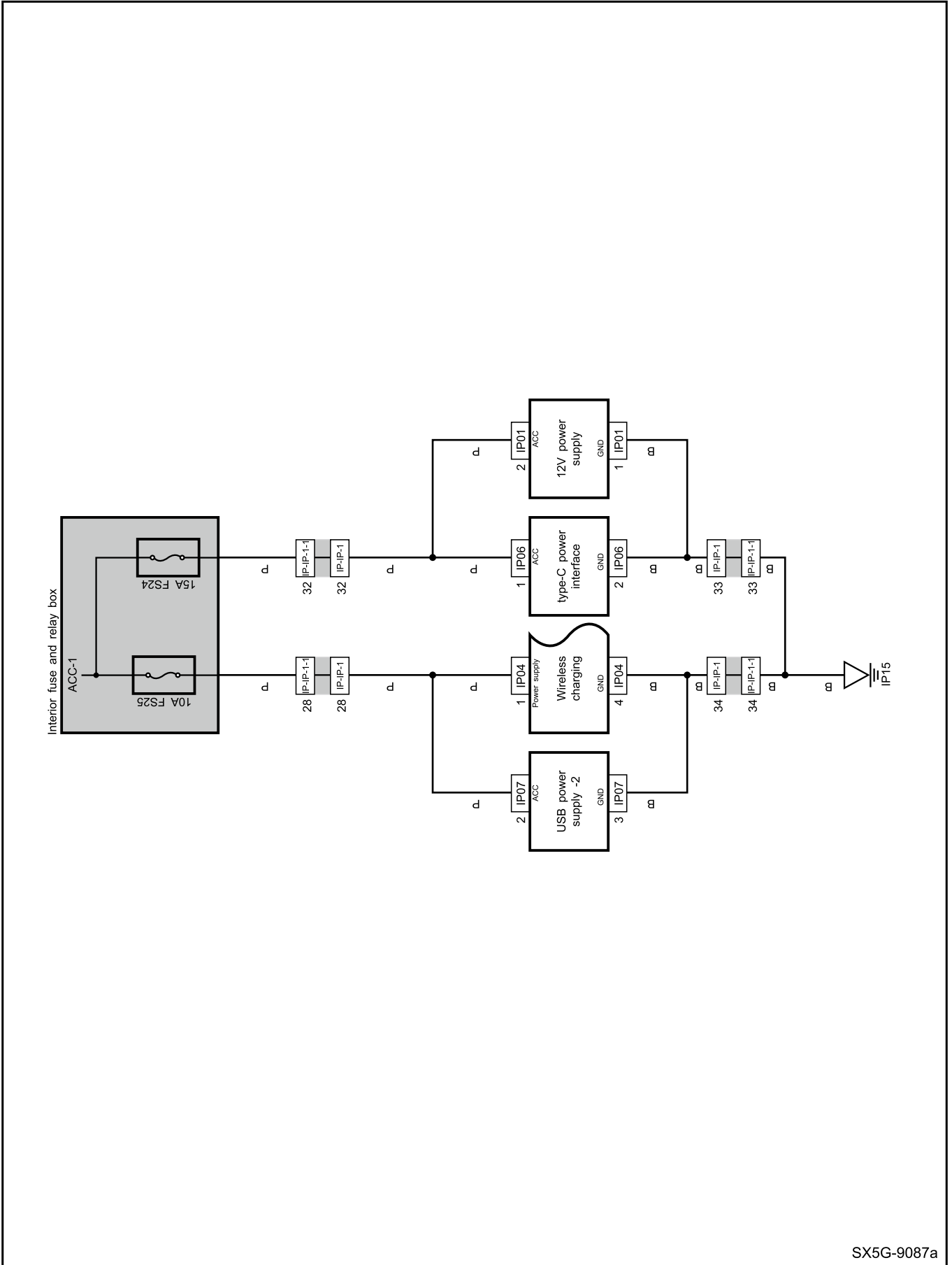
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Horn-overall diagram



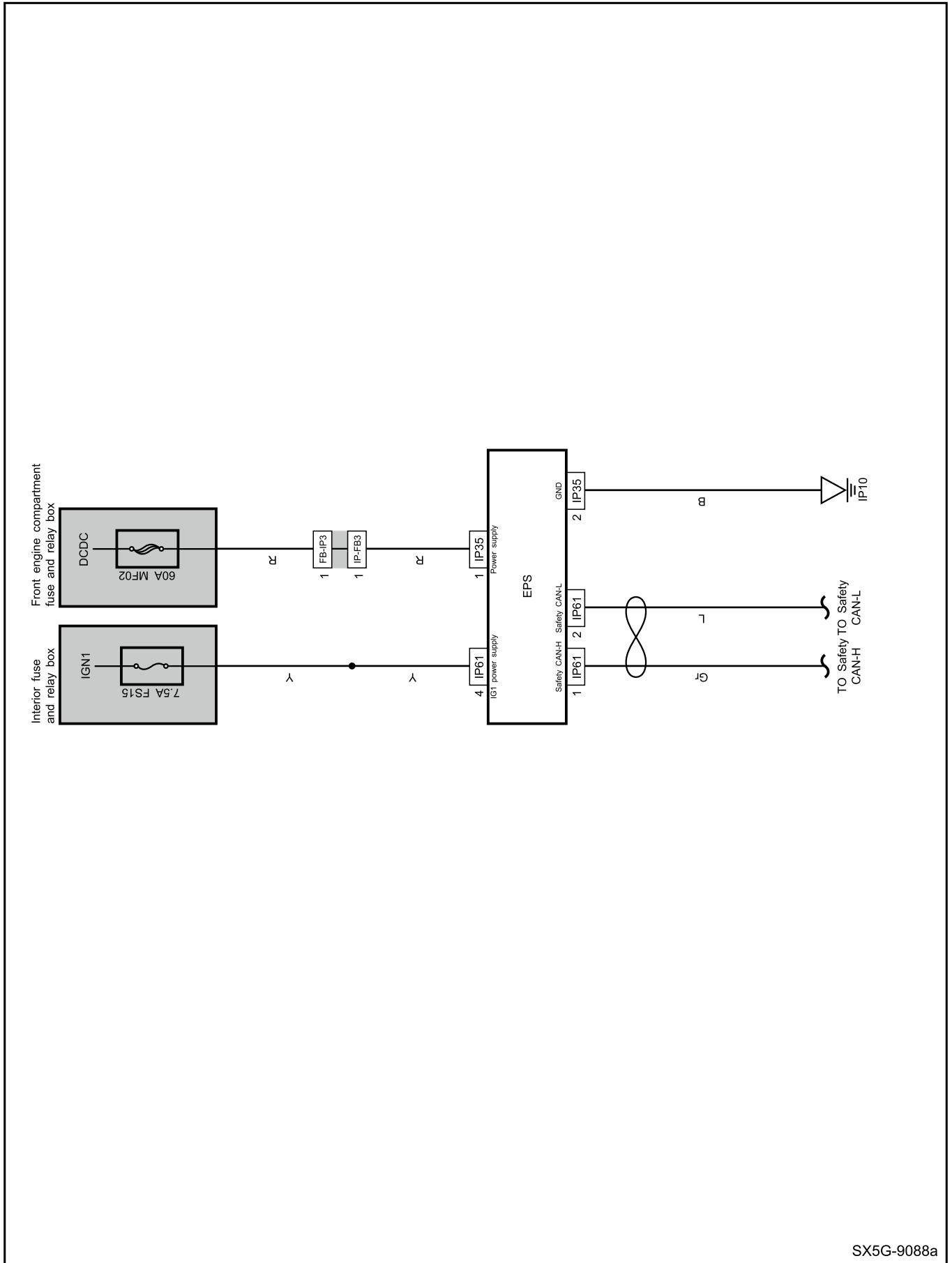
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On-board power supply-overall diagram



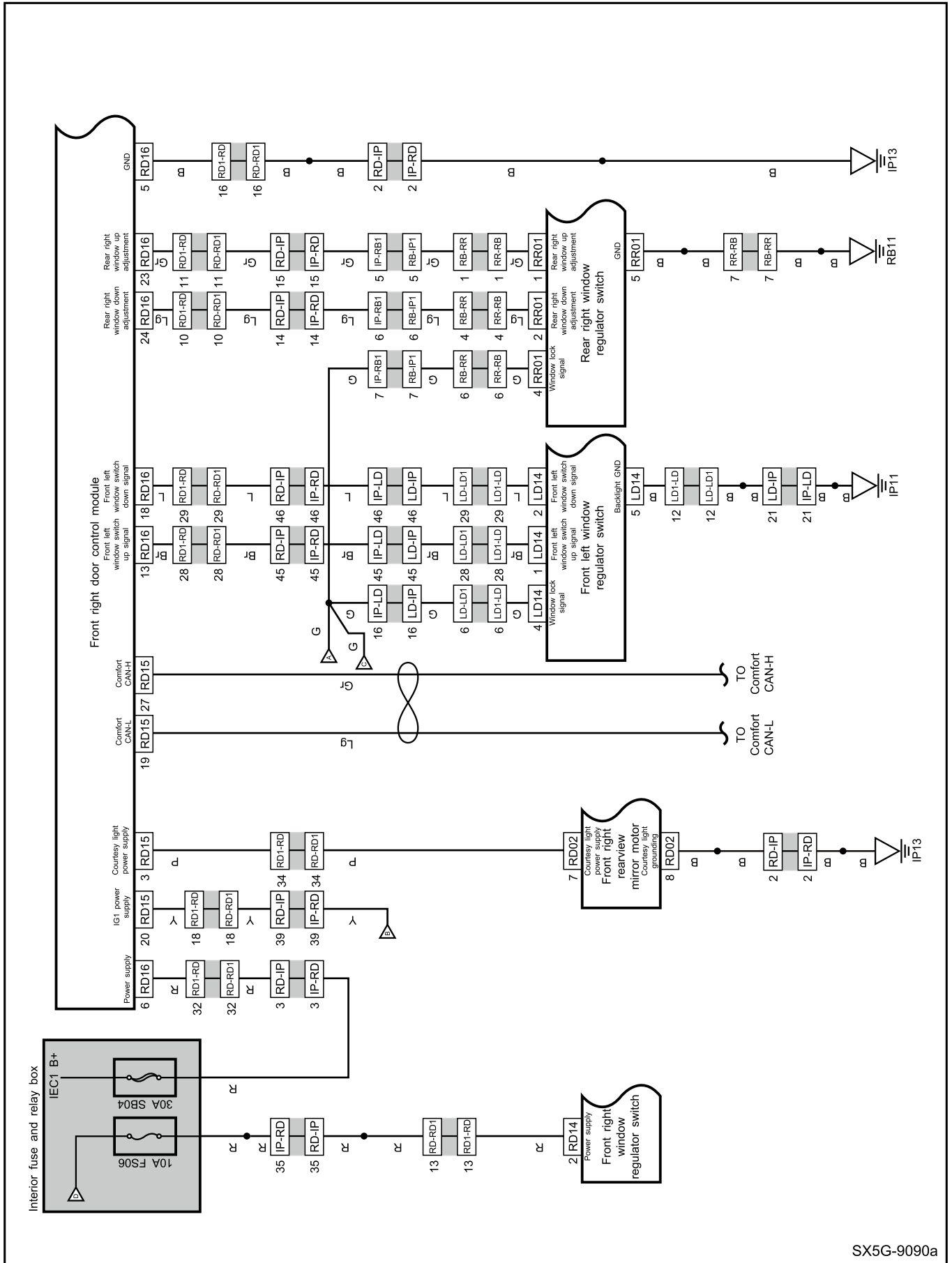
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EPS-overall diagram



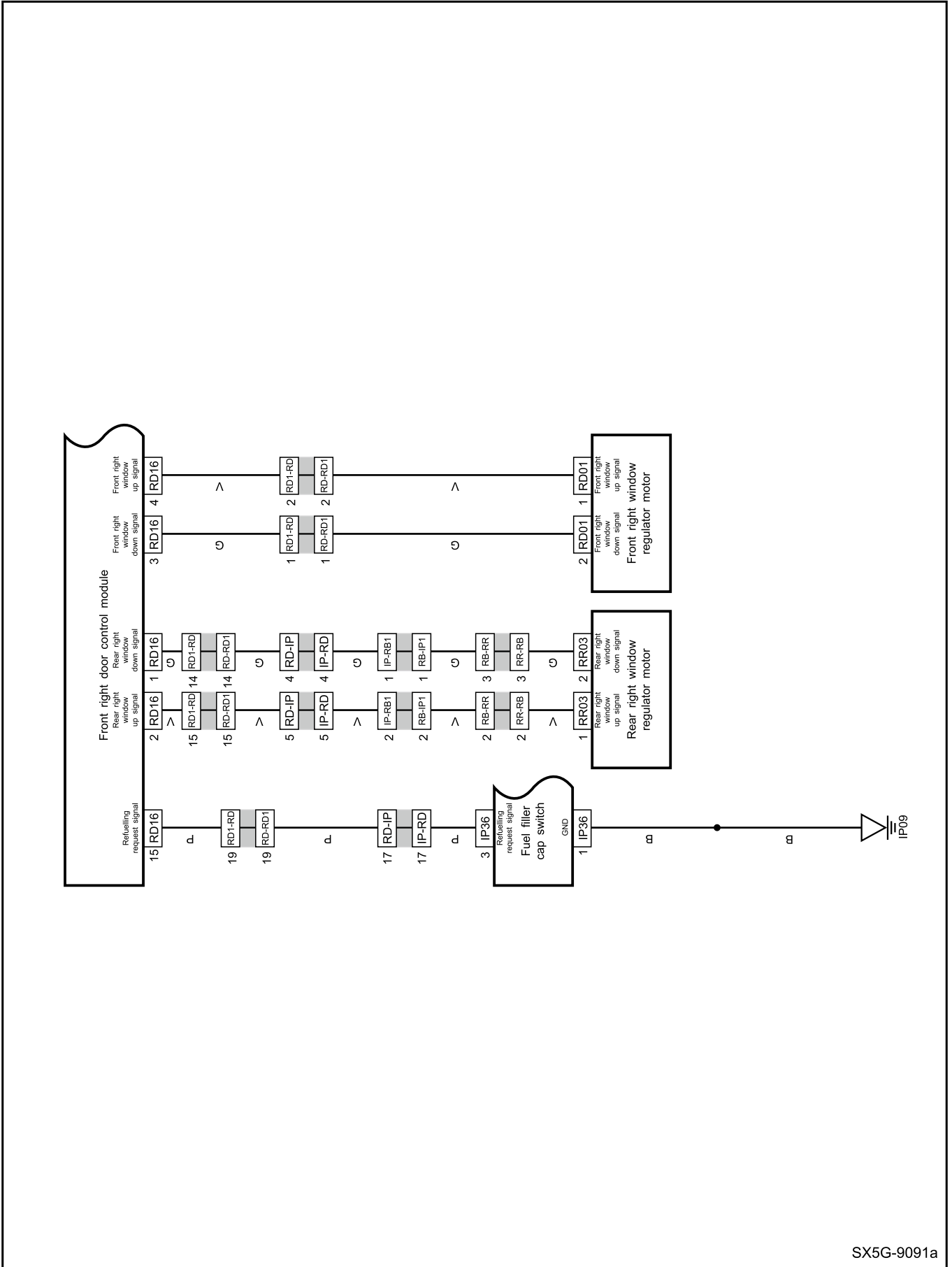
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Power window 2-overall diagram



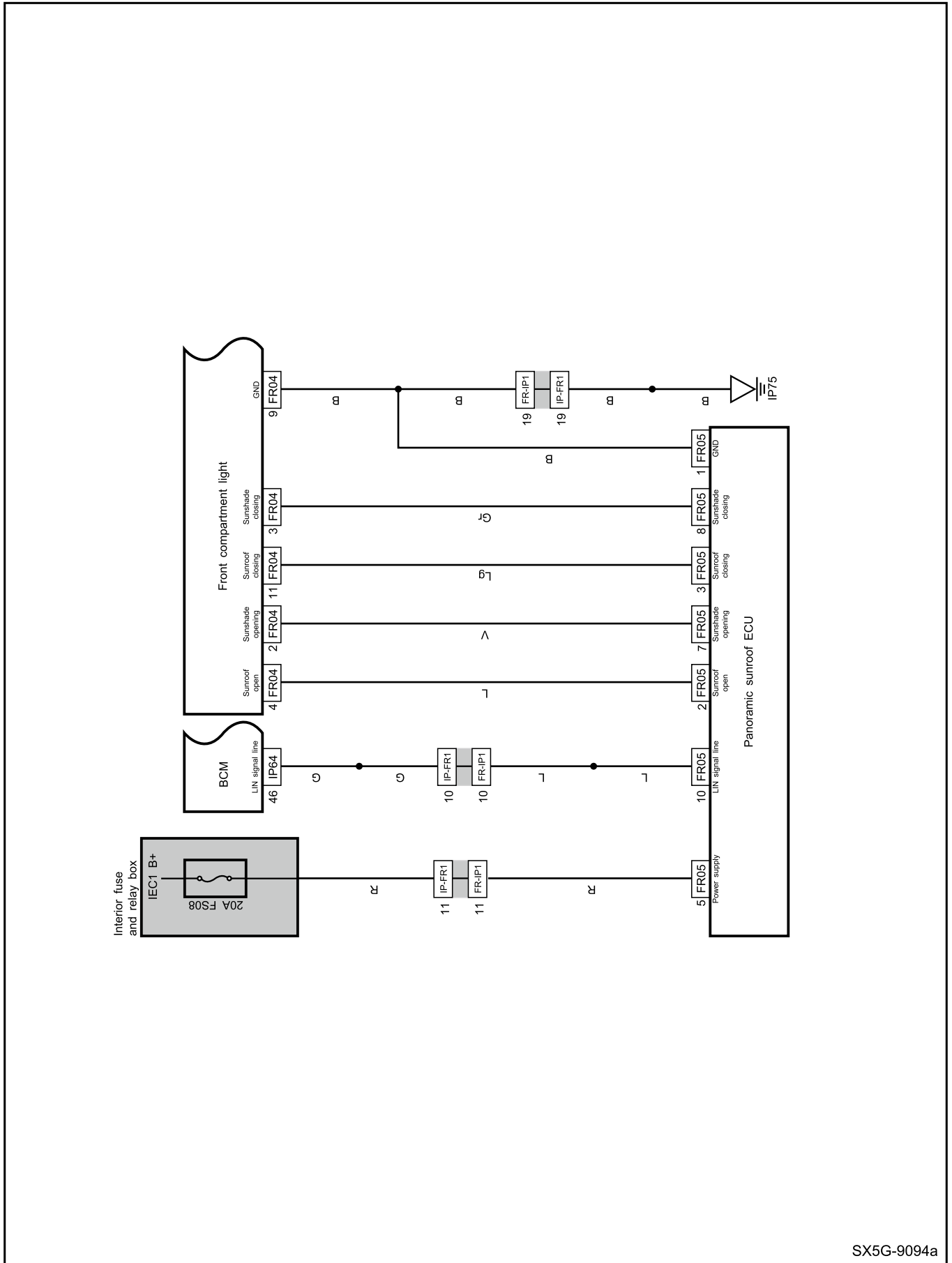
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Power window 3-overall diagram



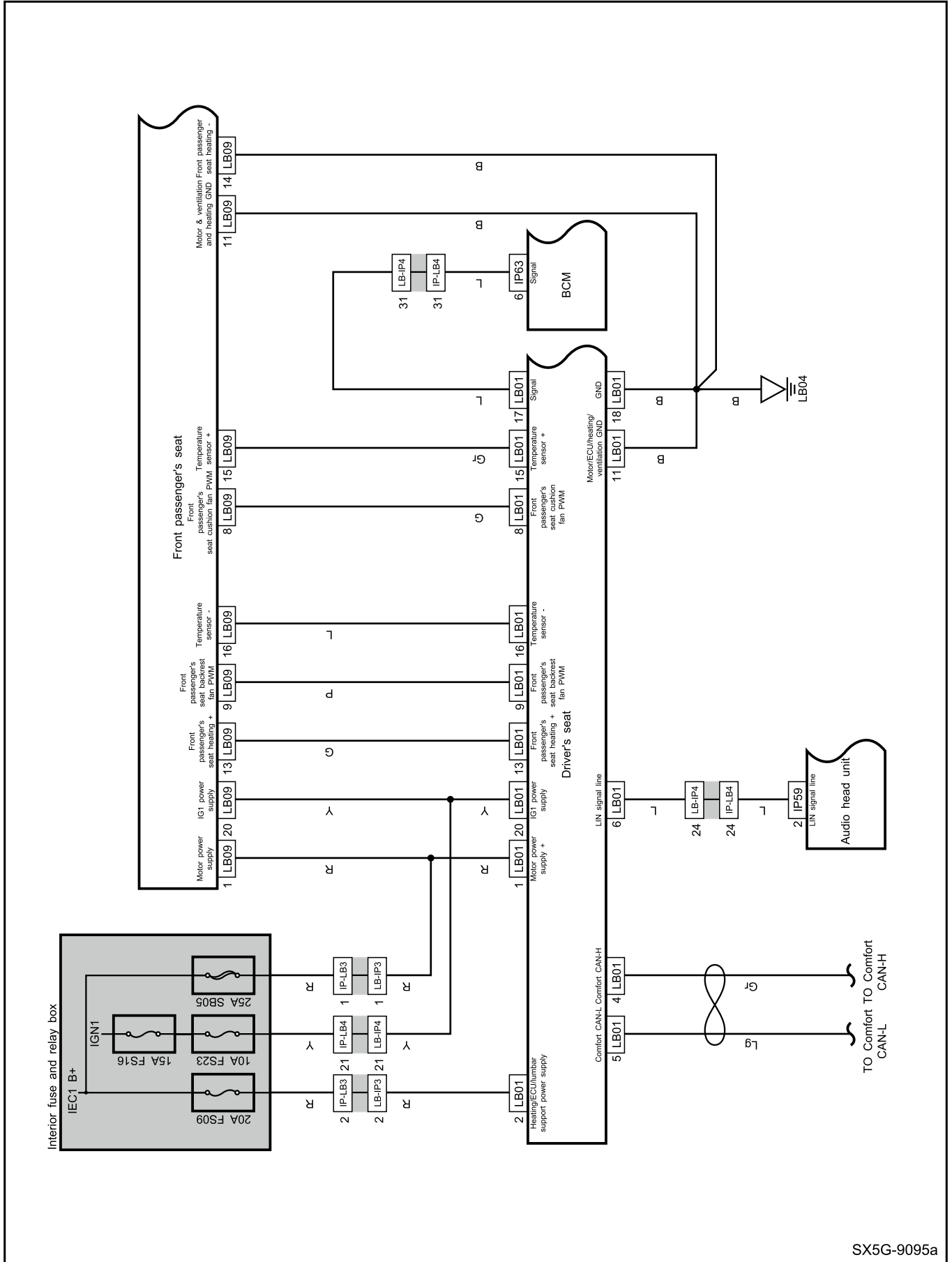
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Power sunroof-overall diagram



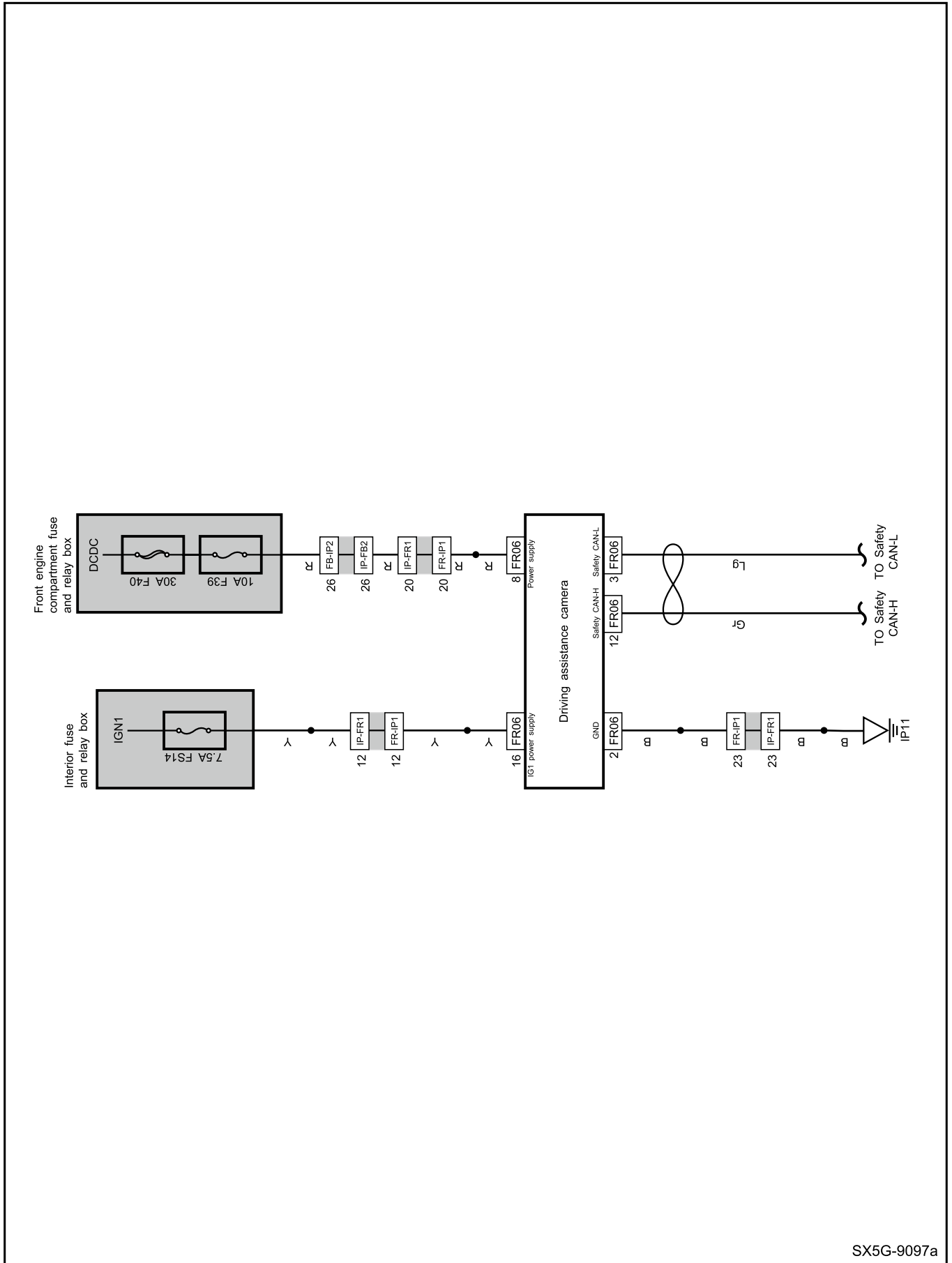
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Power seat control system-overall diagram



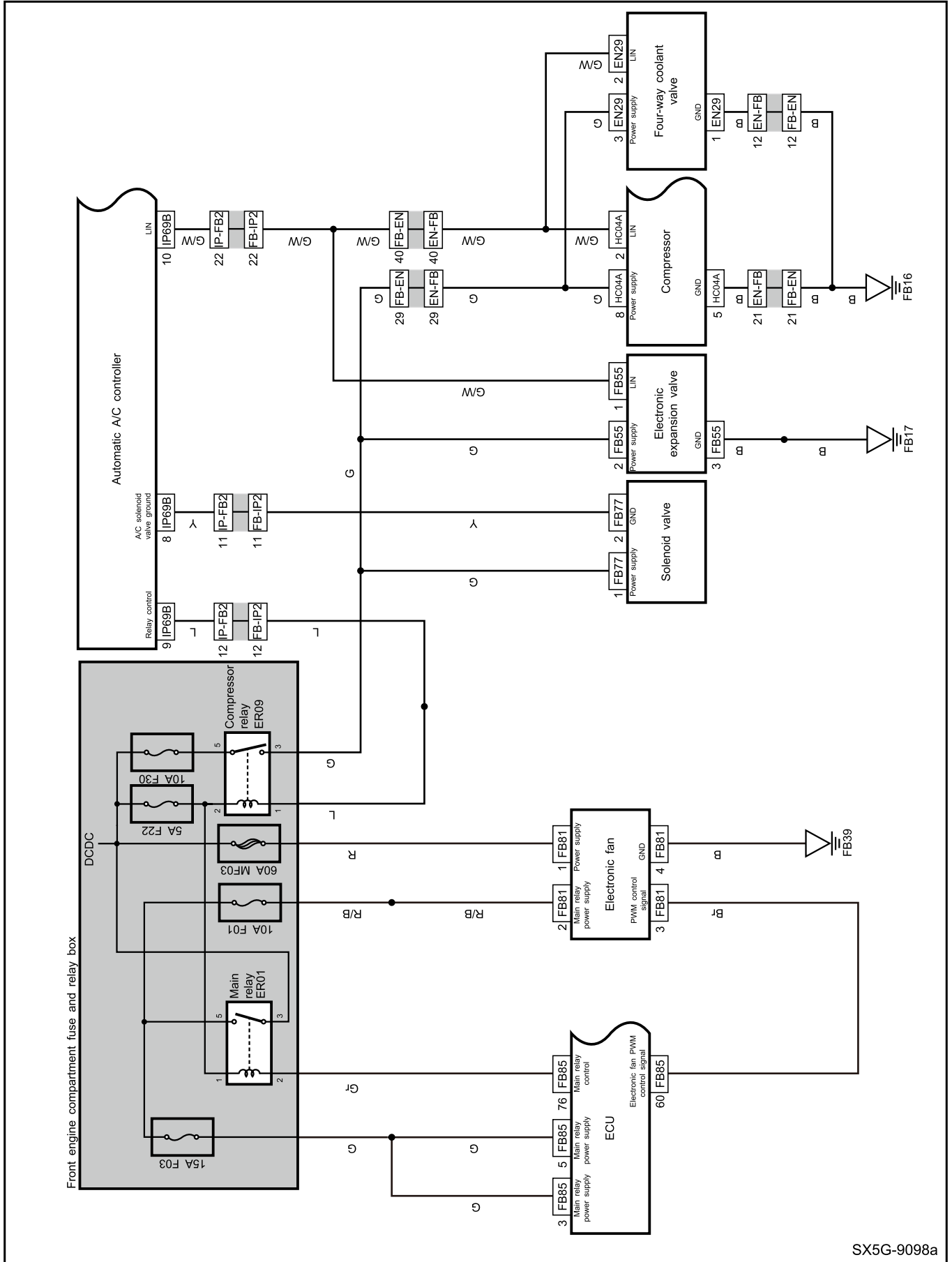
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Driver assistance-overall diagram



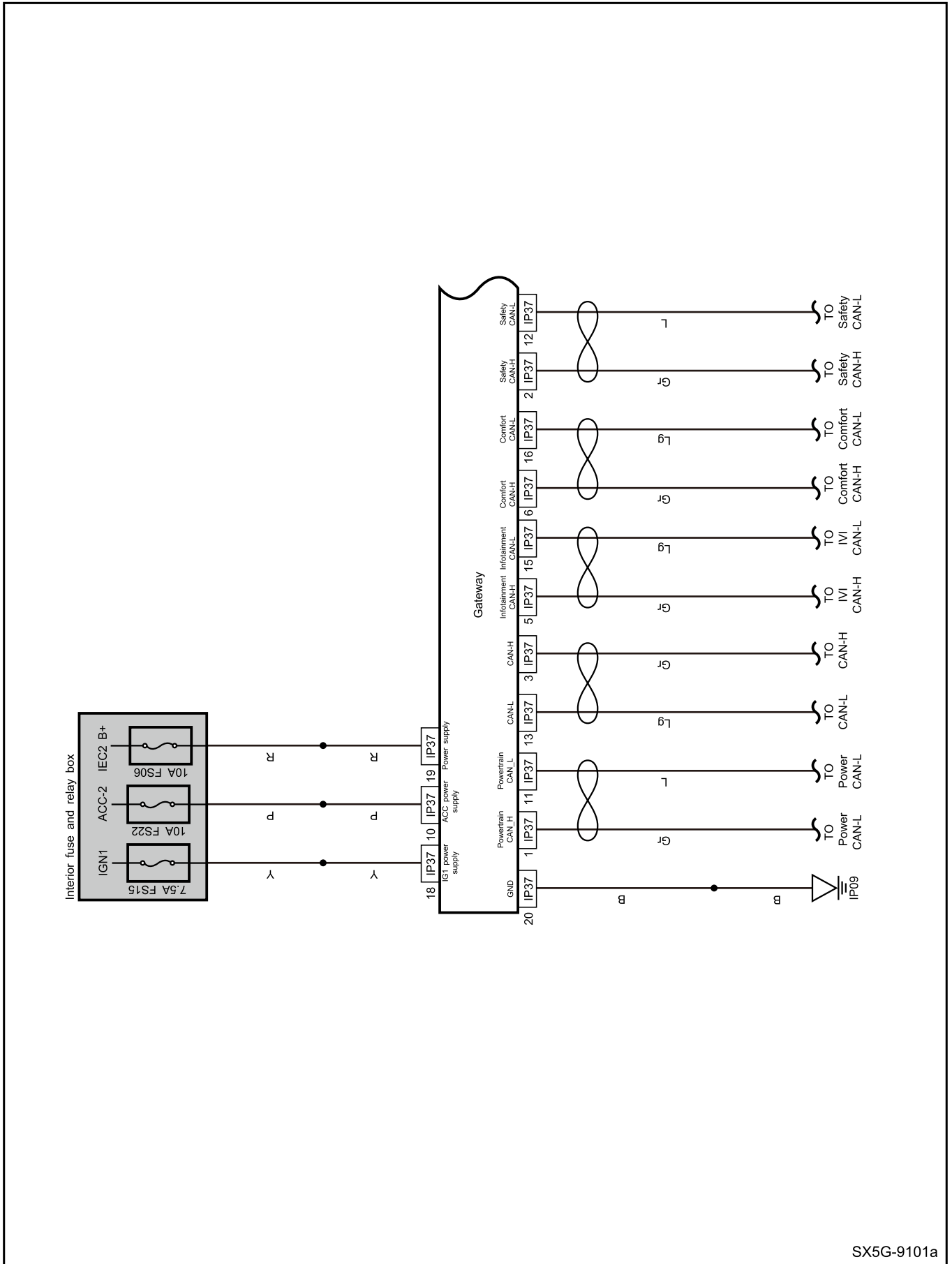
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Cooling system-overall diagram



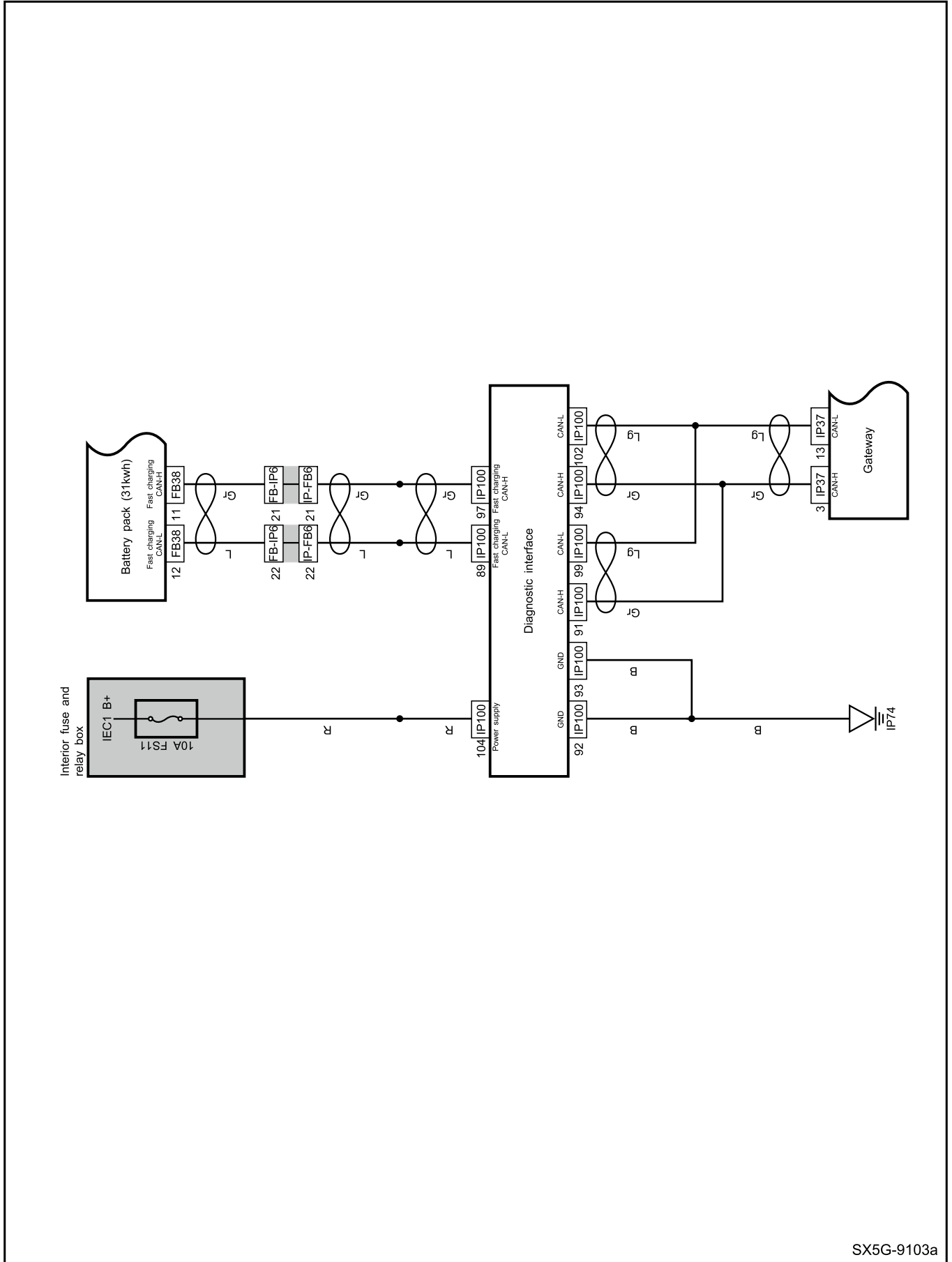
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Gateway-overall diagram



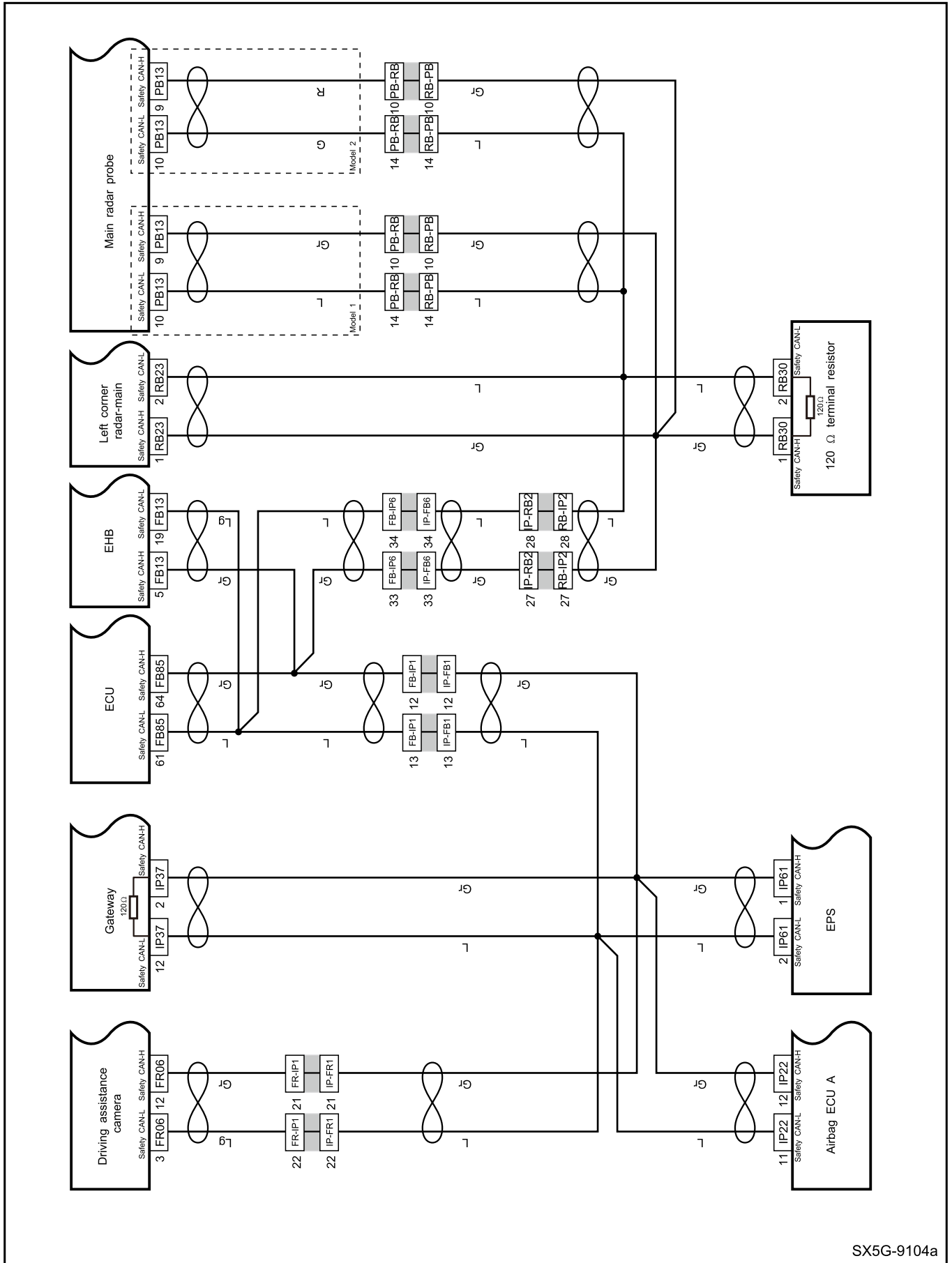
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Diagnostic interface-overall diagram



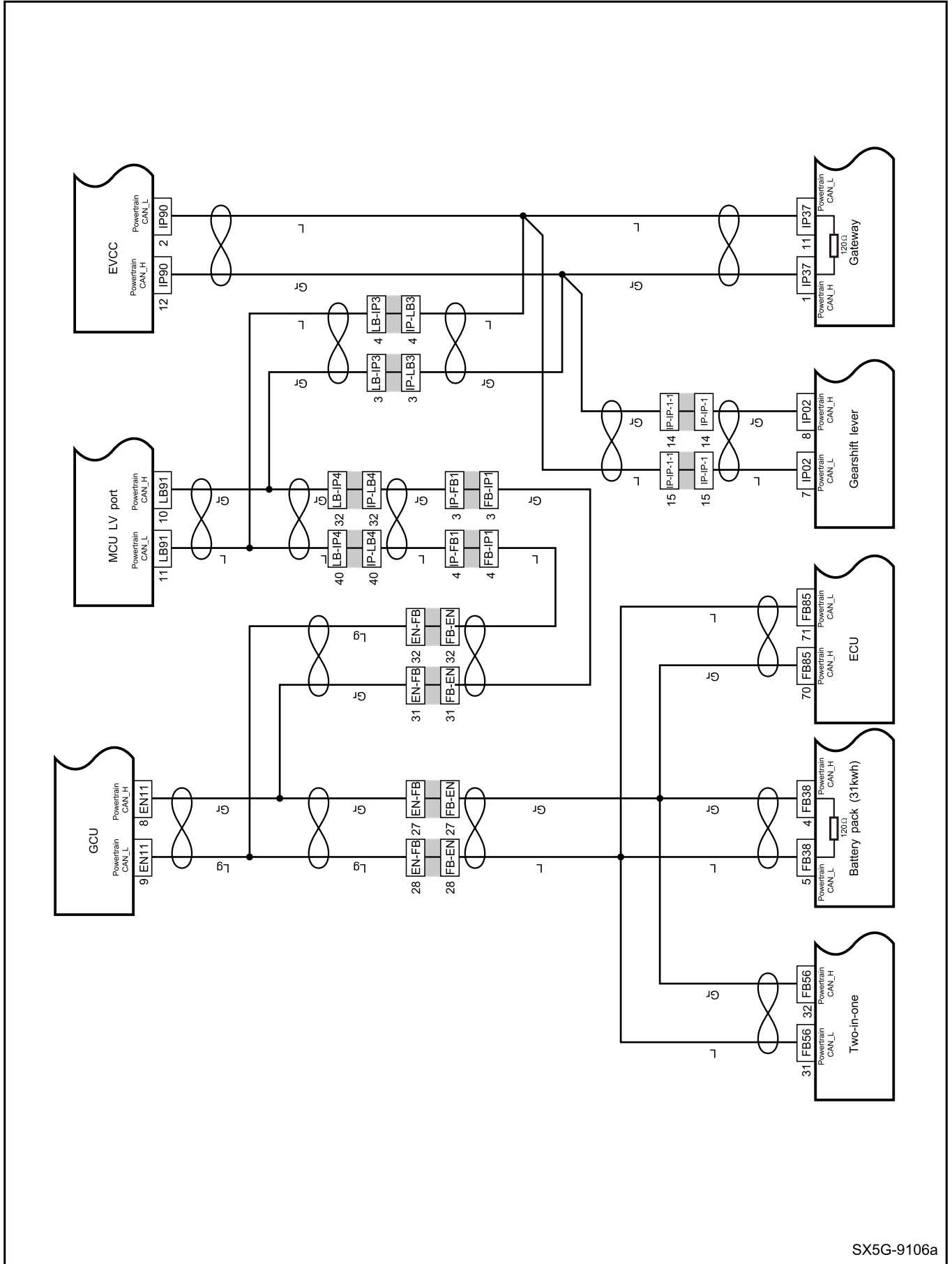
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Bus communication system (Safety CAN)-overall diagram



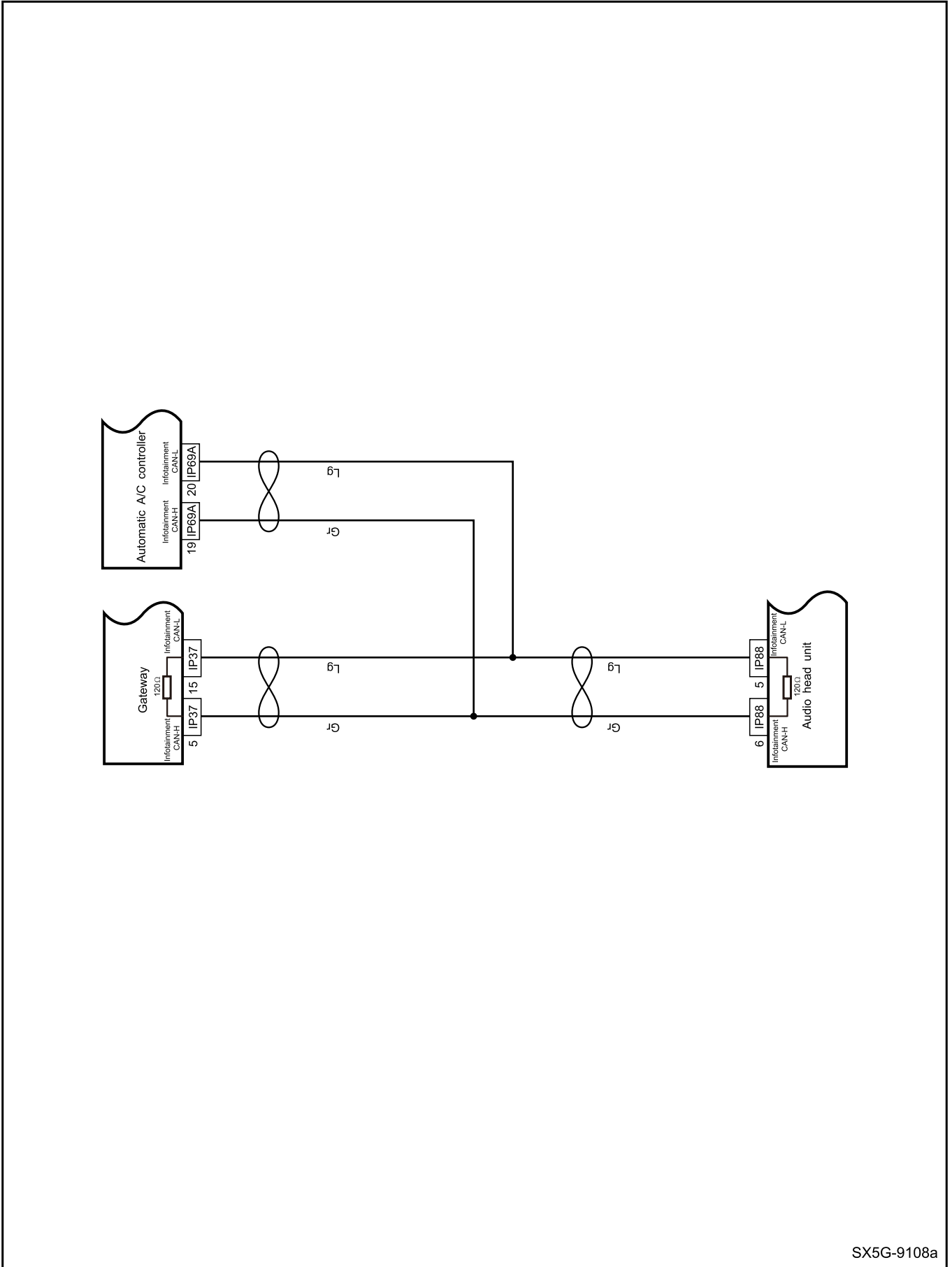
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Bus communication system (Power CAN)-overall diagram



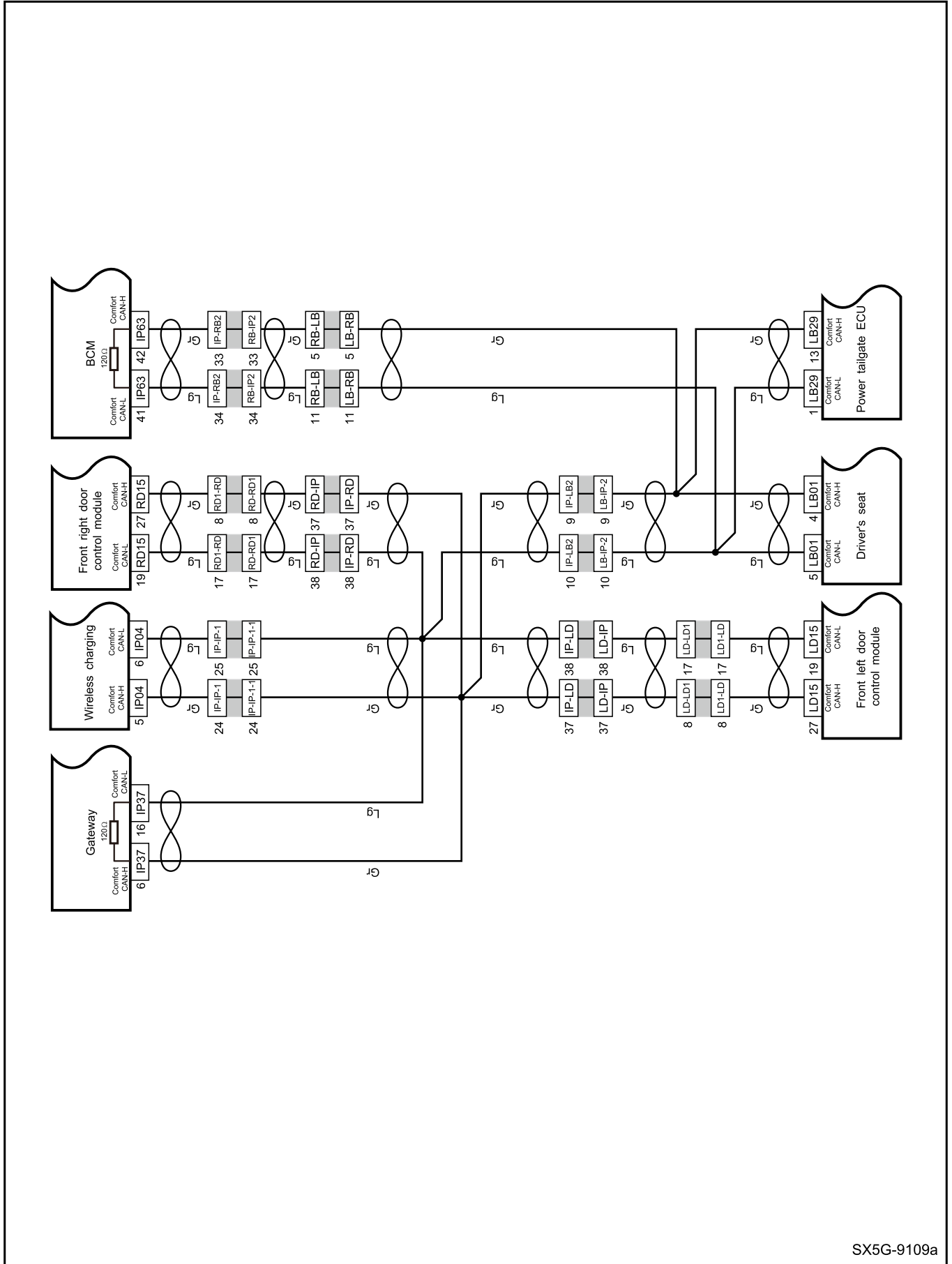
SX5G-9106a

Bus communication system (IVI CAN)-overall diagram



SX5G-9108a

Bus communication system (comfort CAN) overall diagram



SX5G-9109a

Abbreviations

English abbreviations	English description	English abbreviations	English description
ABS	Anti-lock Brake System	KS	Knock Sensor
A/C	Air Conditioning	MAP	Manifold Absolute Pressure Sensor
ACU	Airbag Control Unit	TPS	Throttle Position Sensor
ALT	Alternator	VSS	Vehicle Speed Sensor
BCM	Body Control Module	PAID	Parking Aid
CAN	Controller Area Network	SAS	Steering Angle Sensor
CKP	Crankshaft Position Sensor	ESCL	Electronic Steering Column Lock
CMP	Camshaft Position Sensor	PEPS	Passive Entry Passive Start
DLC	Data Link Connector	TPMS	Tire Pressure Monitoring System
ECM	Engine Control Module	TCU	Transmission Control Unit
ECT	Engine Coolant Temperature Sensor	TCCM	Transfer Case Control Module
EVAP	Evaporative Emission Control	HCU	Hybrid Control Unit
HO2S	Heated Oxygen Sensor	OBC	On-Board Charger
IAC	Idle Air Control Valve	BMS	Battery Management System
IAT	Intake Air Temperature Sensor	PTC	Positive Temperature Coefficient Heater
IMMO	Immobilizer	PEU	Power Electronics Unit
IPC	Instrument Panel Cluster	–	–

