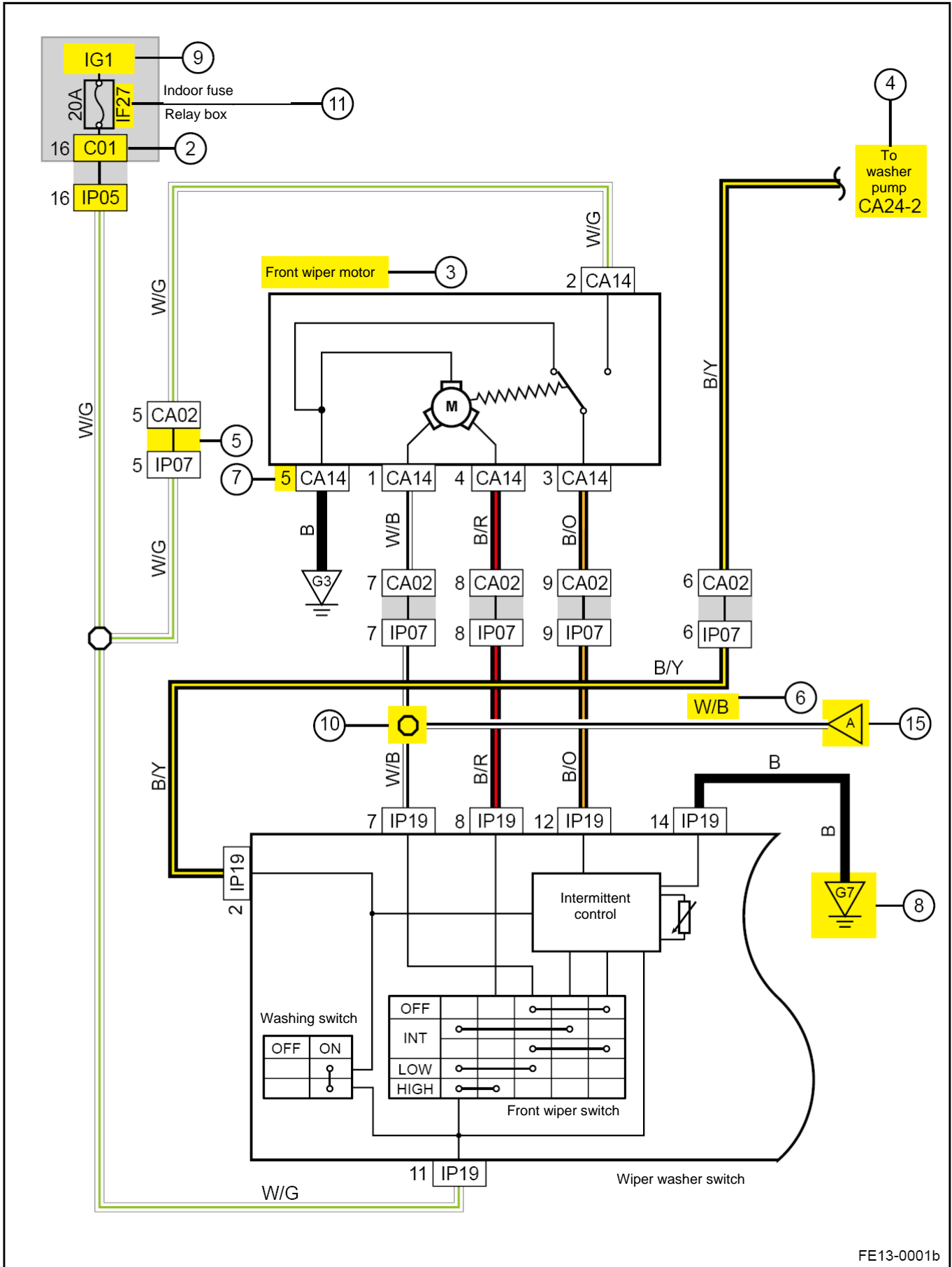
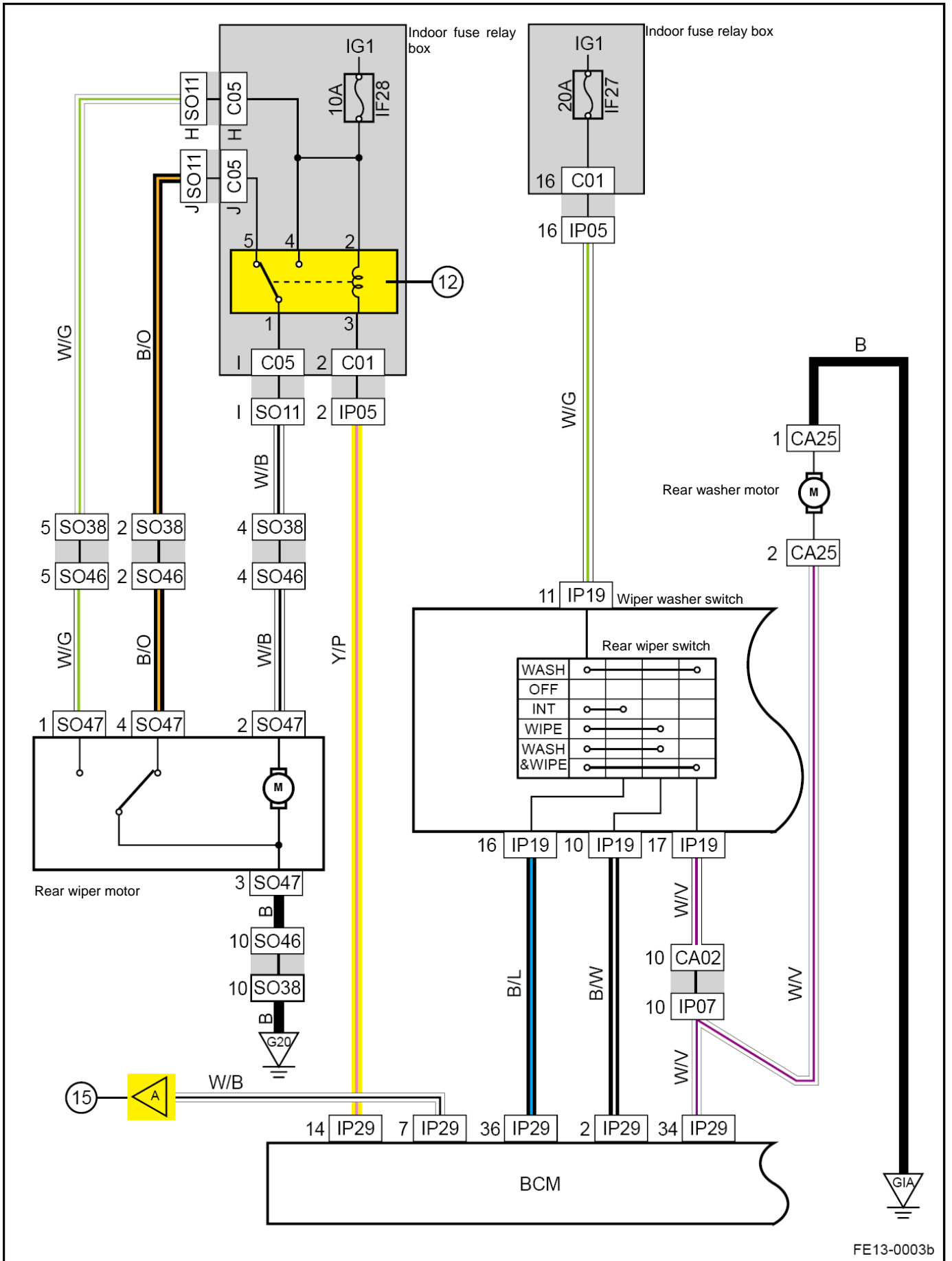

13.1 Circuit Diagram Description	2
13.2 Icon Symbols	6
13.3 Fuse and Relay	8
13.4 Layout of Harness and the Connector	24
13.5 Layout of Grounding Points	97
13.6 Circuit Diagram.....	112
13.7 Abbreviation.....	346

Front wiper ①



FE13-0001b



FE13-0003b

1. System name
2. Harness connector number;



The numbering rule of harness connectors in this electric circuit atlas is based on the harness, for example, the number of harness connector of water temperature sensor in engine harness is EN23, in which EN refers to harness code and 23 to connector series number.

The harnesses indicated by the codes are shown in following table:

Definition	Harness name
CA	Engine compartment harness
EN	Engine harness (Delphi system)
E0	Engine harness (Mitsubishi system)
IP	Instrument panel harness
SO	Base plate harness (LH), baggage compartment harness, base plate harness (RH)
DR	Door harness
RF	Interior light (ceiling) harness
J	Indoor fuse, relay box

Note:

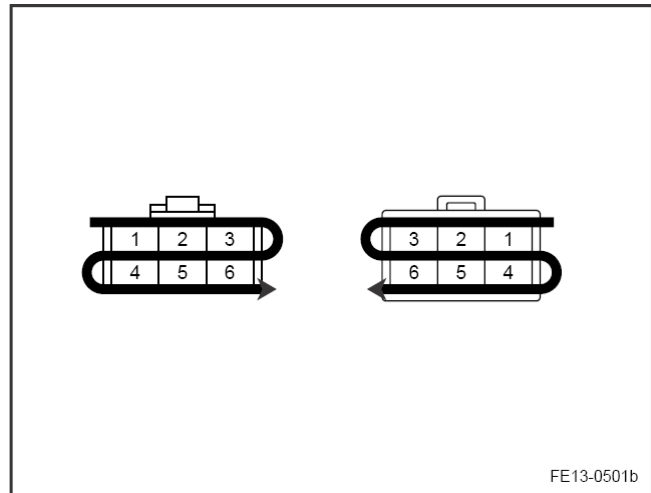
1. The definition of door harness includes four door harnesses.
2. The details of numbers of harness connectors refer to harness layout.
3. Component name.
4. Display the system information related to the electric circuit connection.
5. The connection between plugs shall be indicated with fine solid line and covered with grey shade so as to differ from the physical harness. The physical harness shall be indicated with heavy solid line, of which the color is same to that of actual conductor.
6. Display the conductor color. The color codes are shown in following table:

Color code	Conductor color	Illustration
B	Black	
Gr	Grey	
Br	Brown	
L	Blue	
G	Green	
R	Red	
Y	Yellow	
O	Orange	
W	White	
V	Violet	
P	Pink	
Lg	Light green	
C	Light blue	

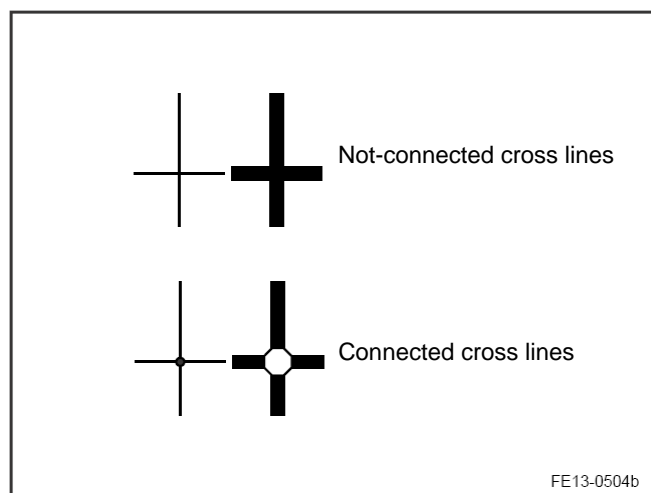
If the conductor is of two color wire, the first letter indicates the base color of conductor and the second letter indicates the stripe color, and they are separated with “/”.

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

7. Display the terminal numbers of socket connectors note the terminal sequences of harness connectors which are connected are of mirror image, as shown in following figure:

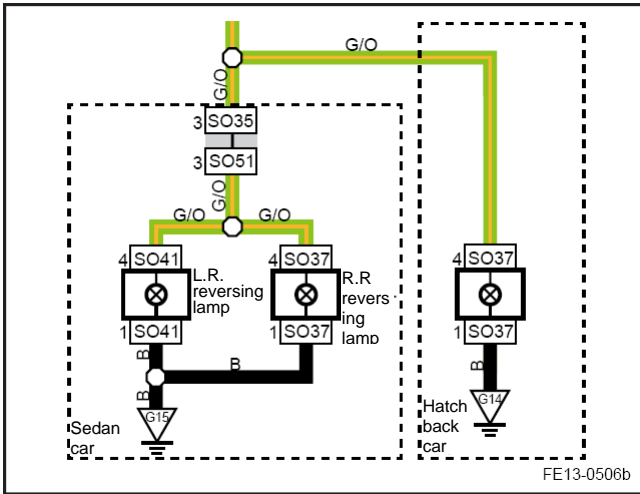


8. Number of grounding point. Except the first letter of grounding point of engine harness is A, the other Harnesses are indicated with serial numbers with the first letter of G. The details of grounding point positions refer to grounding point layout.
9. Power type supplying the fuse
10. Conductor node.

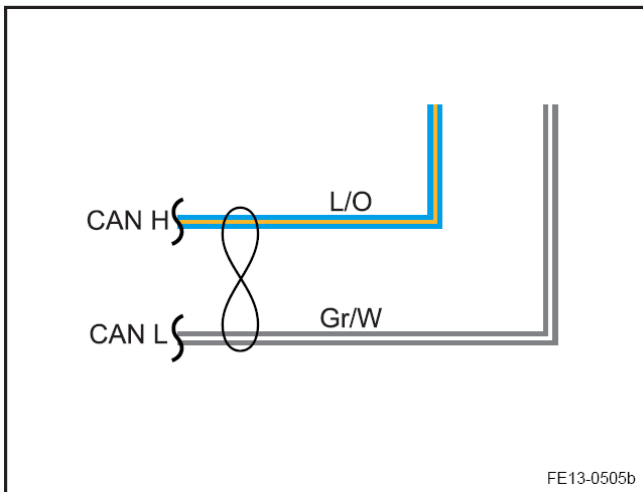


11. The fuse number consists of fuse code and serial number. The codes of fuse in engine compartment are of EF and JF, and those of indoor fuse are of IF and SF. The fuse number details refer to fuse list.
12. The relay number is indicated with single English letter. The details refer to relay list.

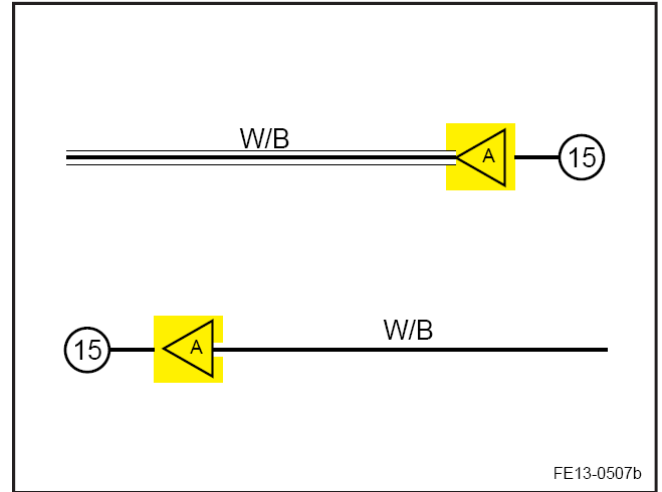
13. If the electric circuit designs differ due to different vehicle model, engine type or configurations, indicate with dashed line in the circuit diagram and described besides the line.

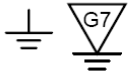
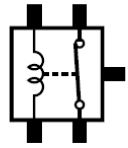
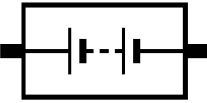

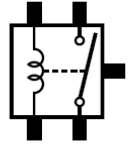

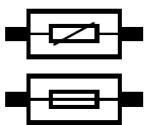
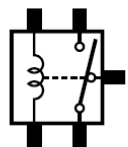
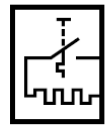
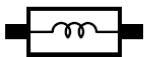


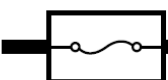


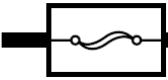


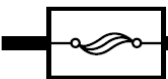
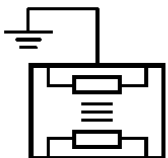
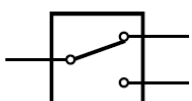

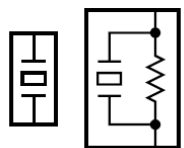
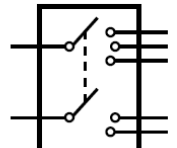


14 If "8" shape mark is used between electric circuit lines, it indicate this circuit is of twisted pair wire which is mainly used for signal circuit of sensor or data communication circuit.




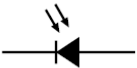

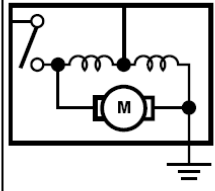


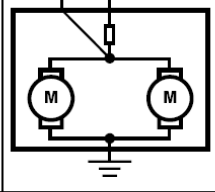


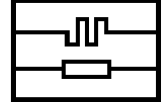

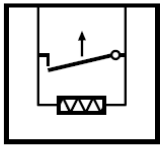
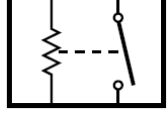
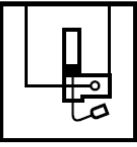
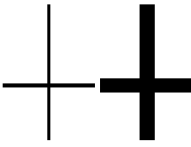
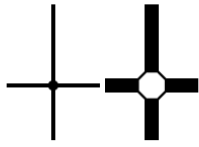
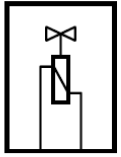


15. If the content of a system is so much that its circuit needs to be indicated in many pages. The start point of circuit is indicated with and the arrival point with. If more than one circuits continue in next page, they will be indicated with letters B, C and etc. and deduce in analogy.



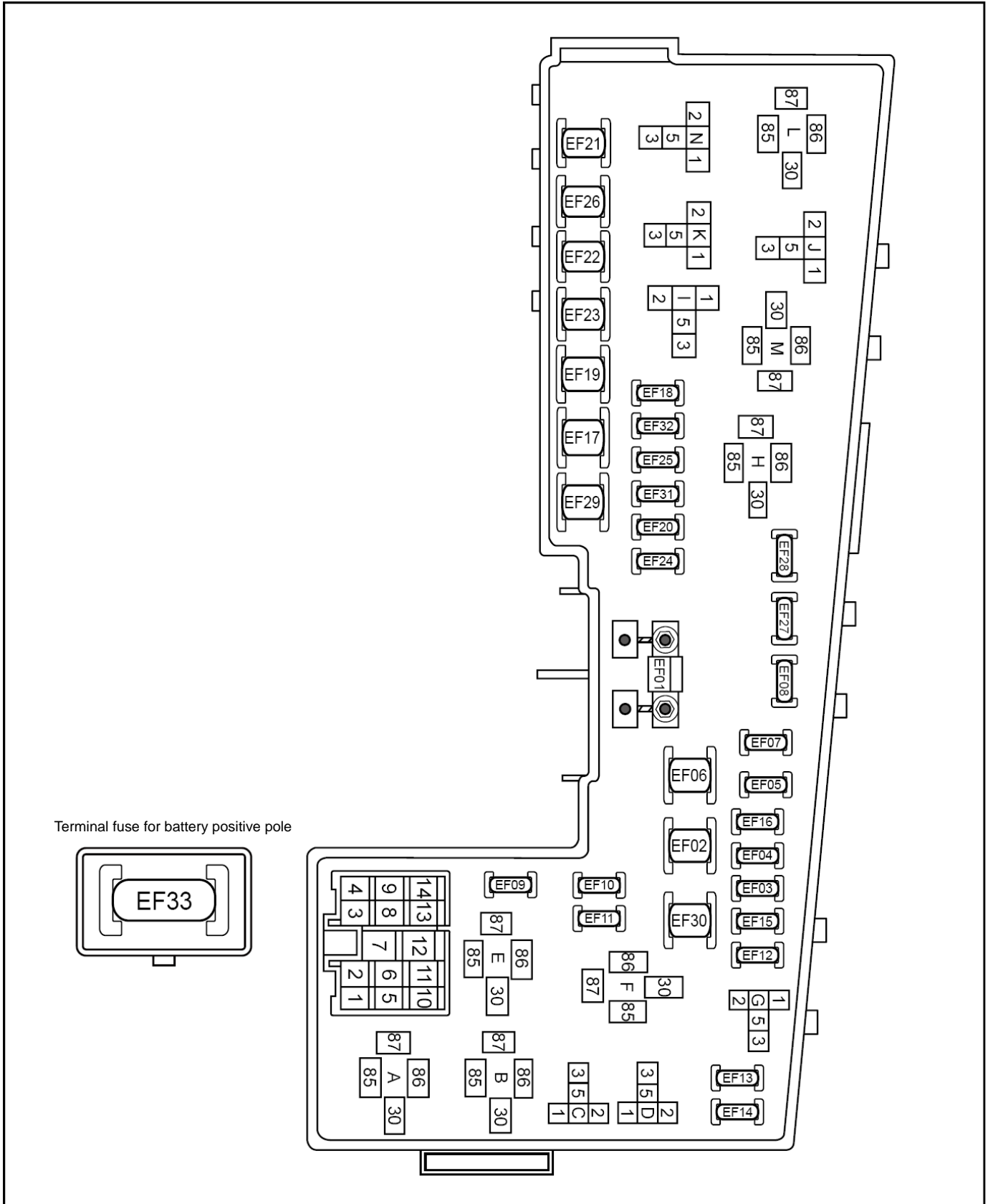
	Grounding		Normal close relay		Battery
	Temperature sensor		Normal open relay		Capacitor
	Clip jumper		Double throw relay		Cigarette lighter
	Solenoid valve		Resistor		Antenna
	Small load fuse		Potentiometer		Normal open switch
	Medium load fuse		Variable resistor		Normal close switch
	Large load fuse		Ignition coil		Double throw switch
	Heater		Knock sensor		Ignition switch

FE13-0502b

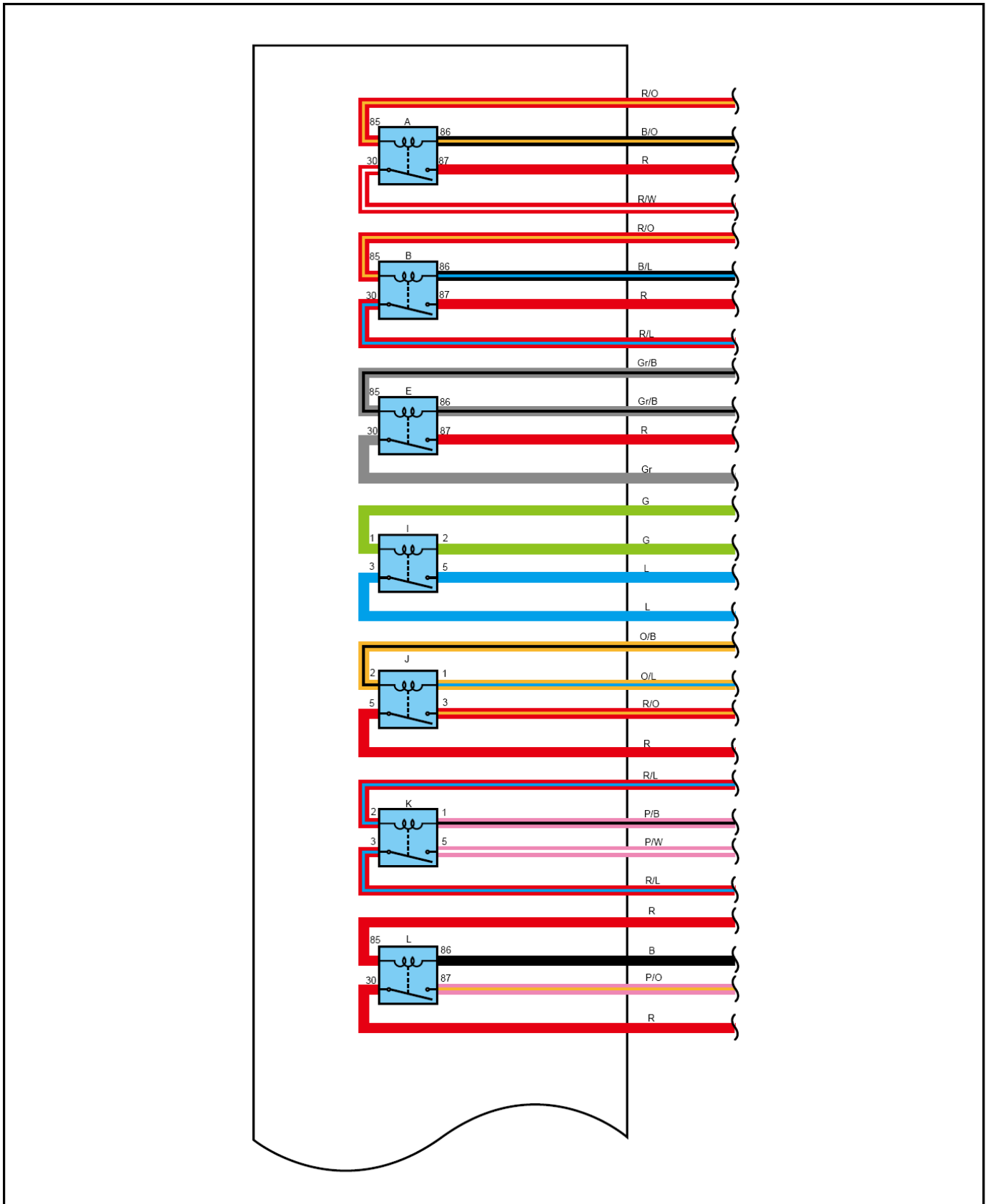
	Diode		Bulb		Twisted wire
	Photo diode		Circuit direction		Starter
	Light emitting diode		Horn		Fan assembly
	Motor		Clock spring		Oxygen sensor
	Limit switch		Airbag		Low speed fan relay B
	Safety belt pre-tensioner		Not-connected cross lines		Connected cross lines
	Solenoid valve				

FE13-0503b

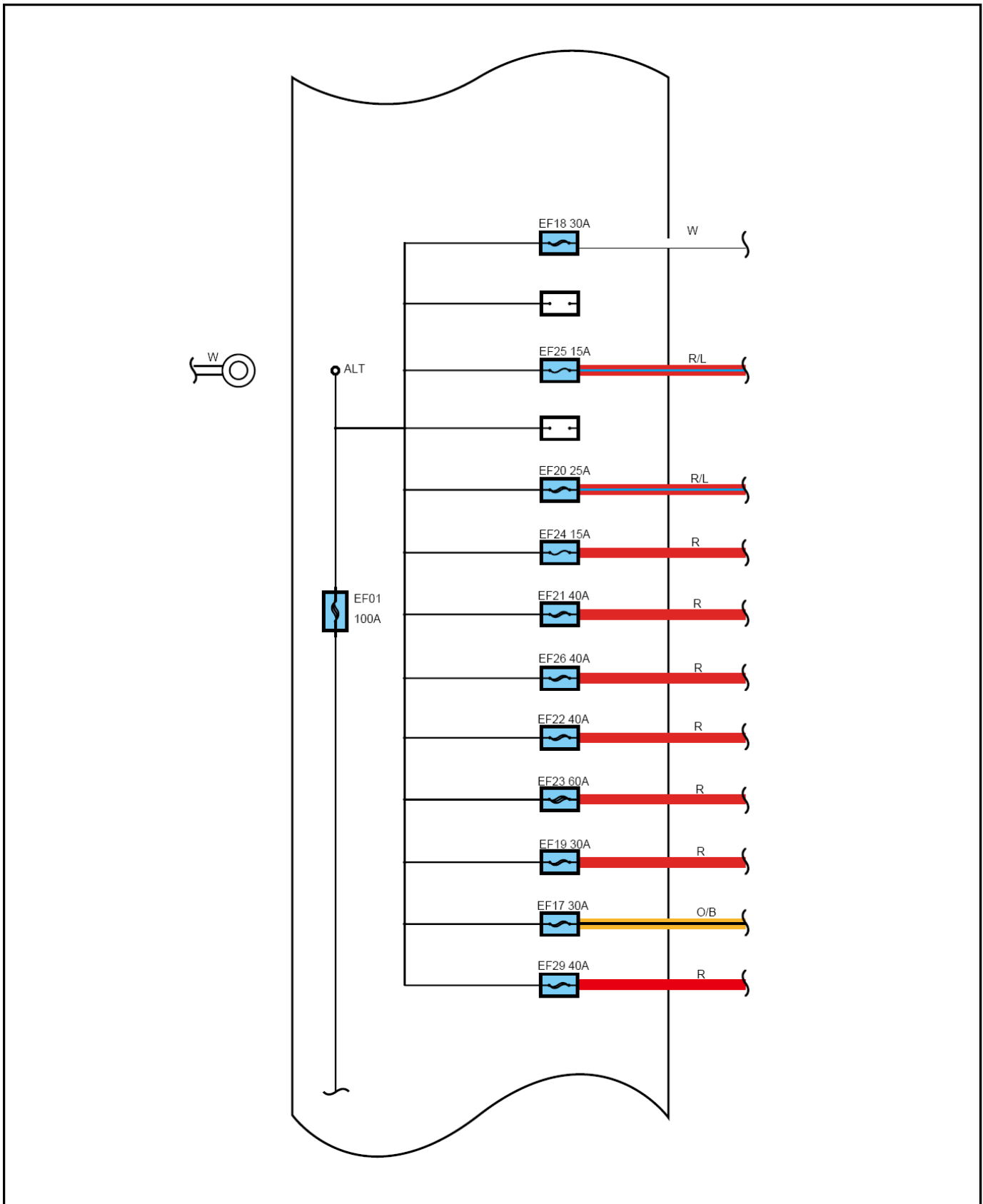
Engine Compartment Fuse, Relay Box



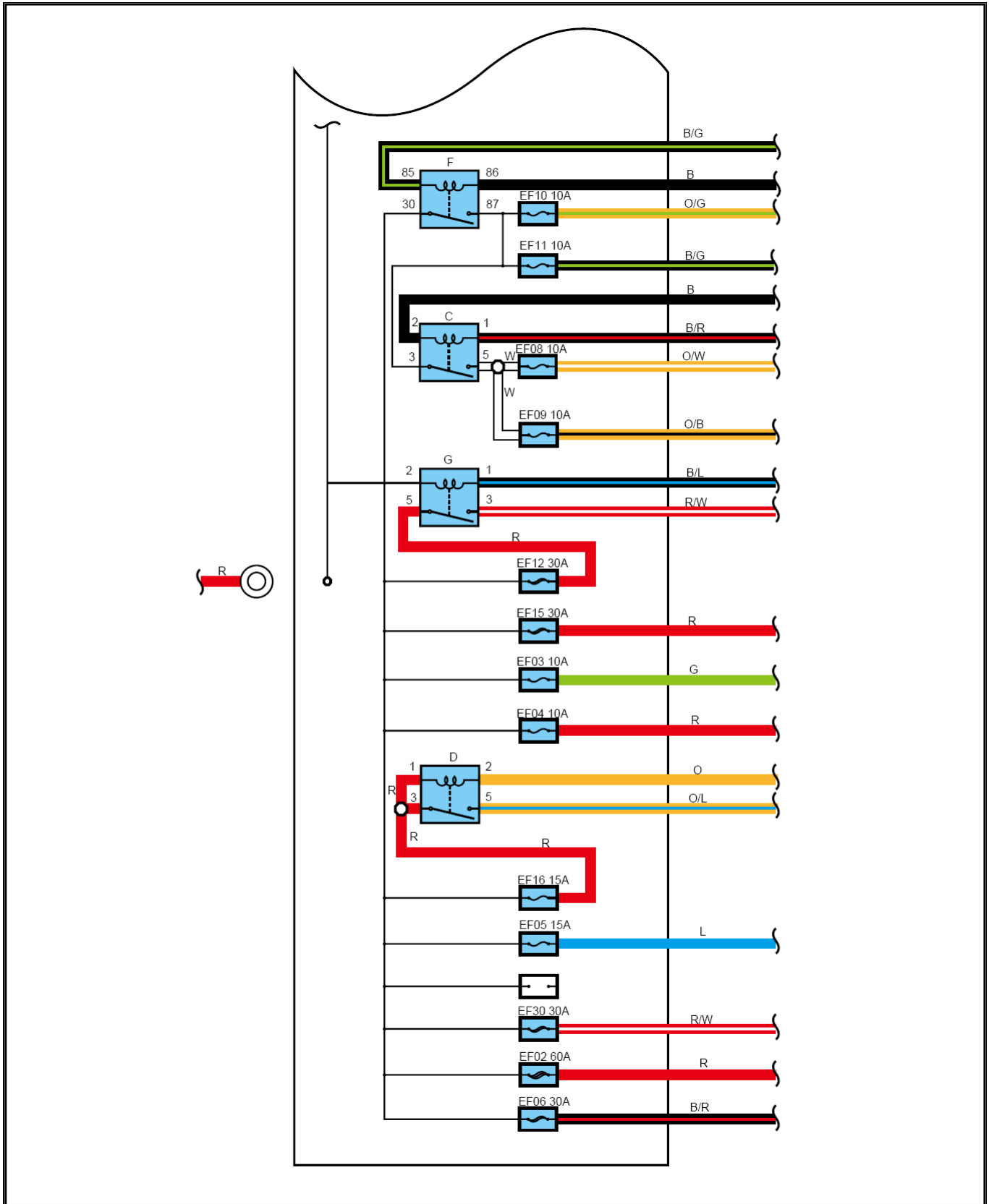
Internal Circuit Diagram of Engine Compartment Fuse and Relay Box



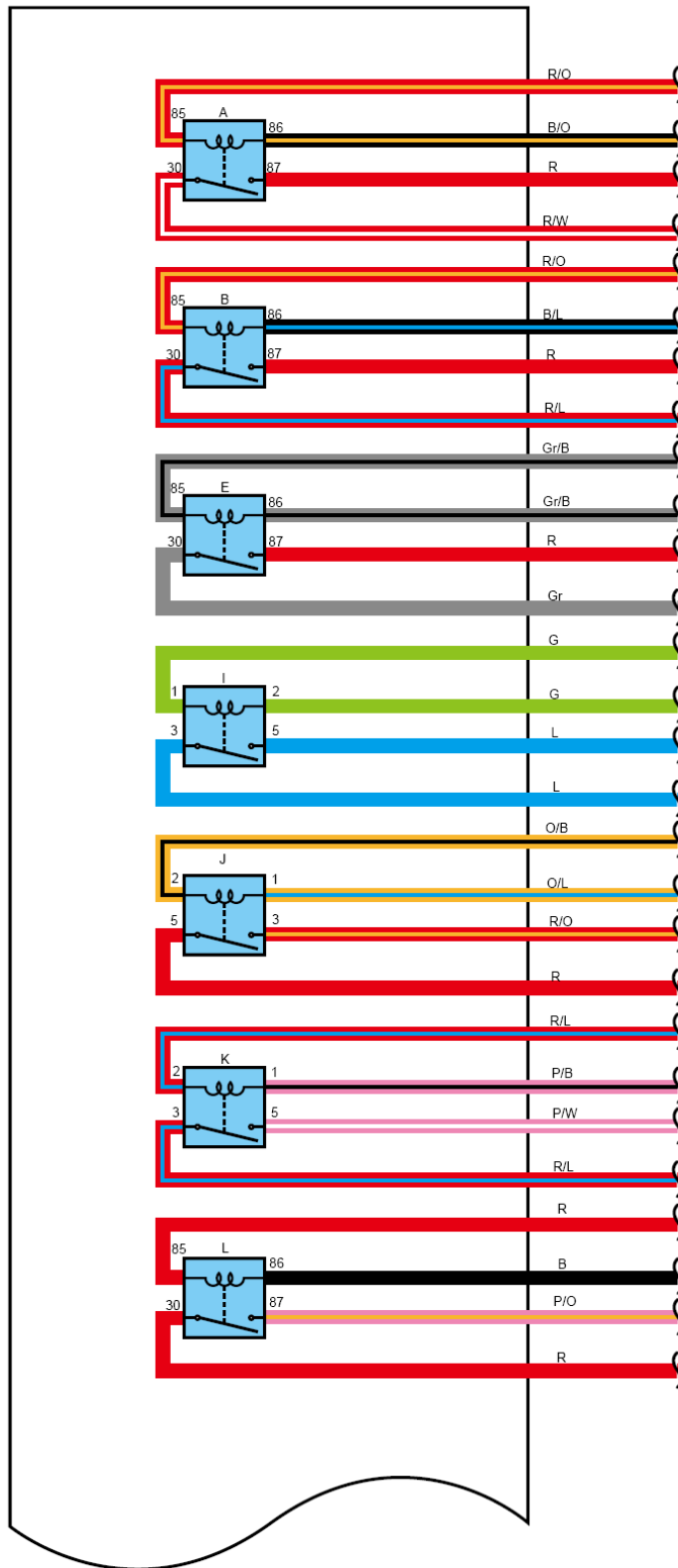
Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (continued 1)



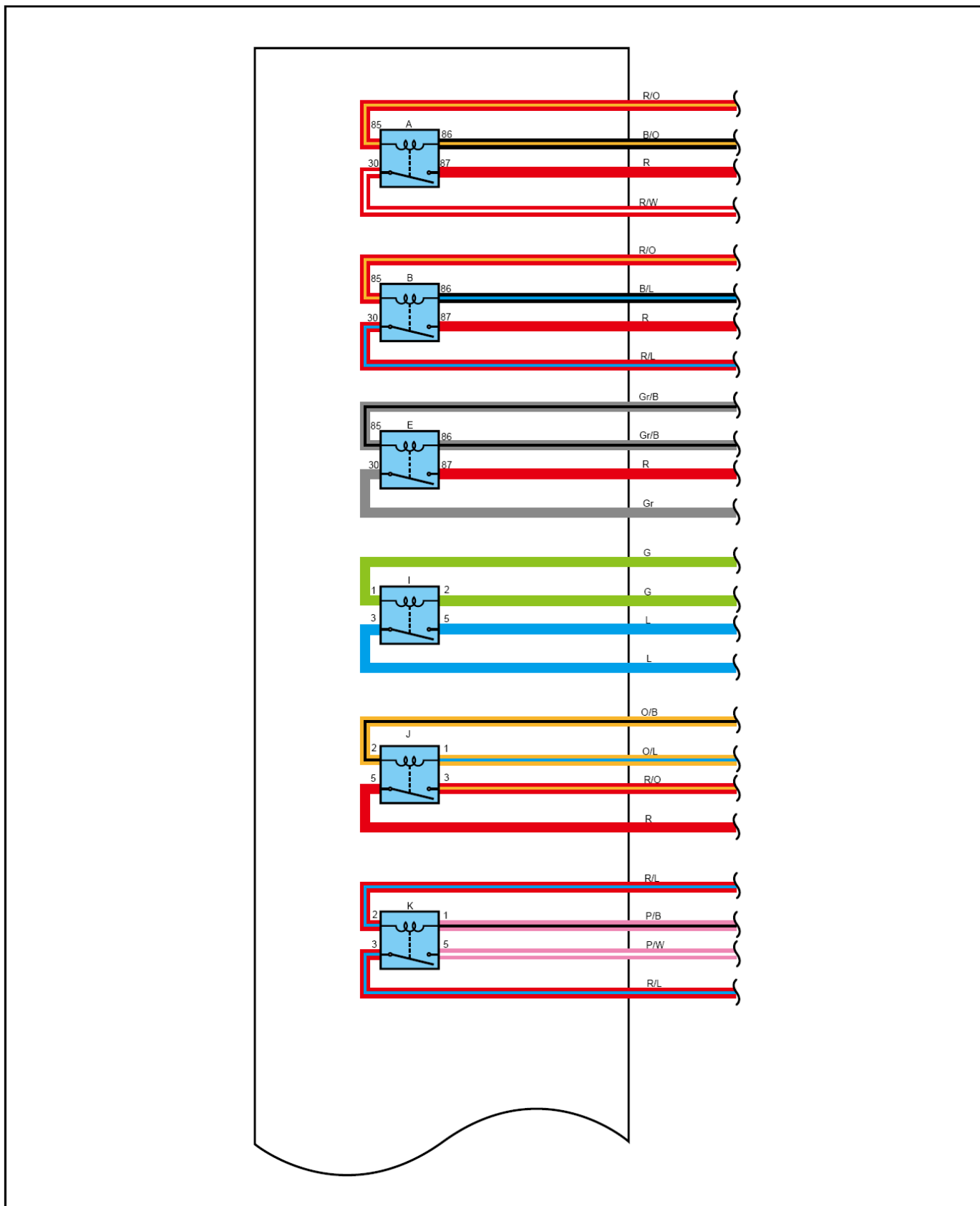
Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (continued 2)



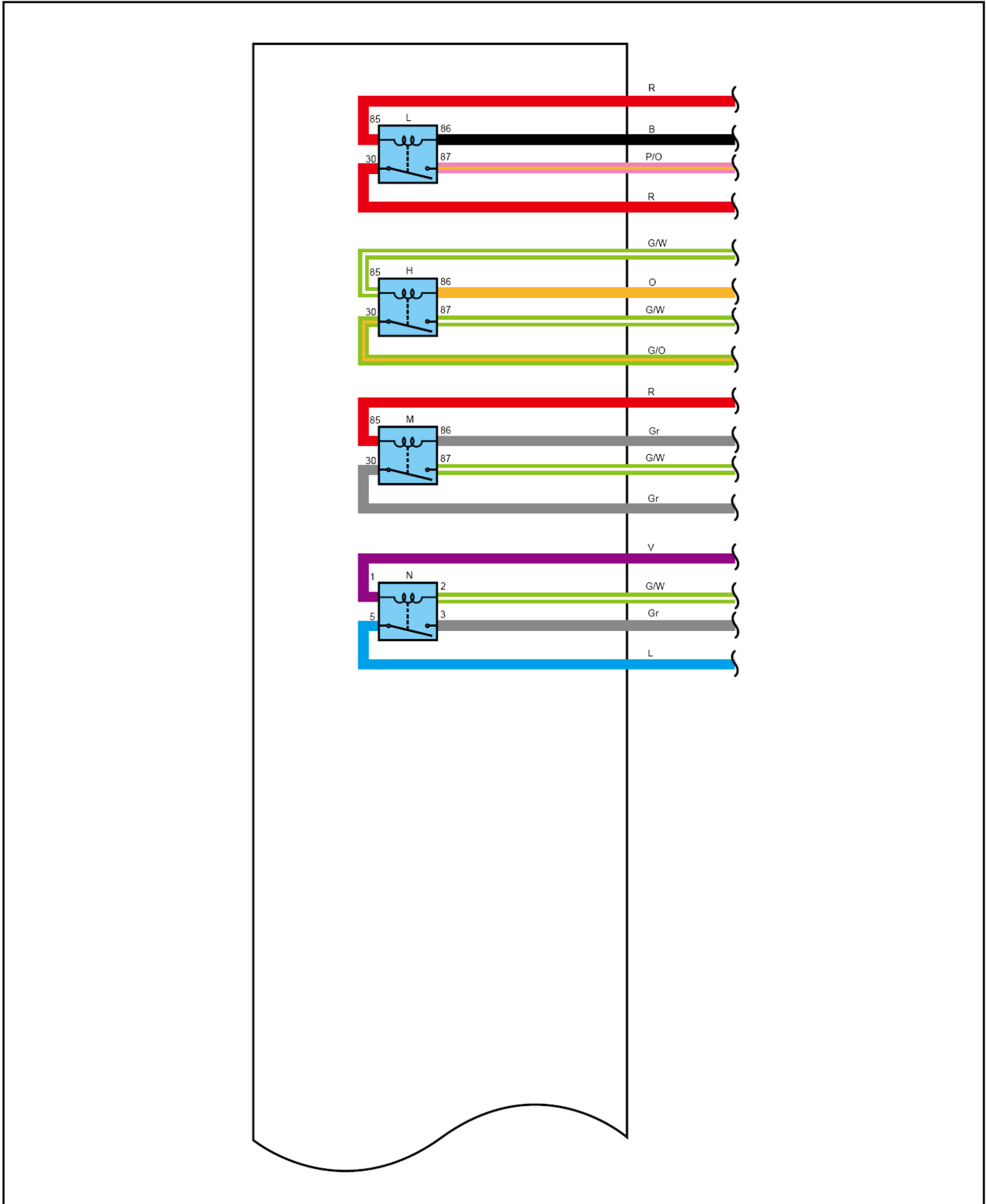
Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (JL-4G15G)



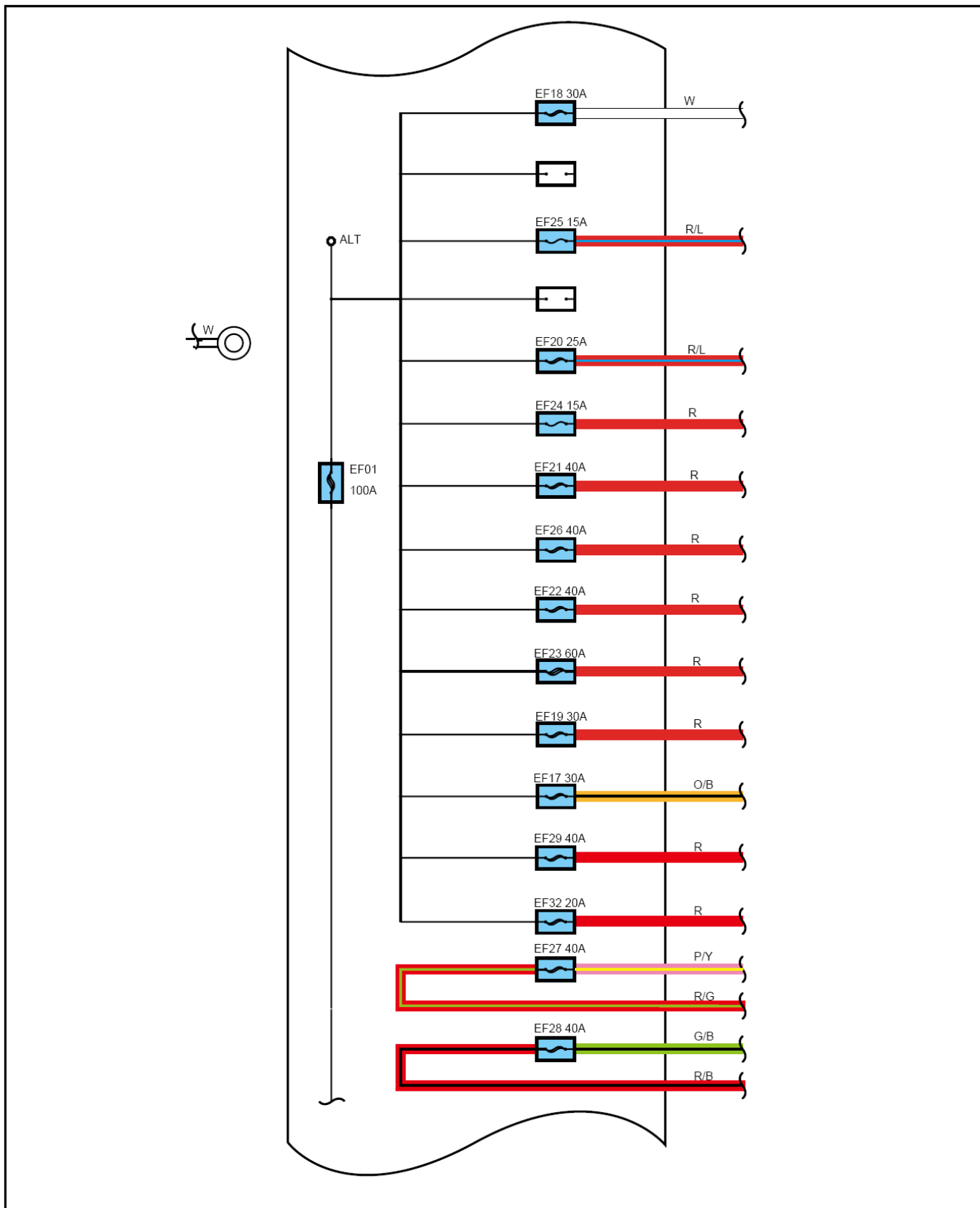
Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (CVT)



Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (continued 1)



Internal Circuit Diagram of Engine Compartment Fuse and Relay Box (continued 2)



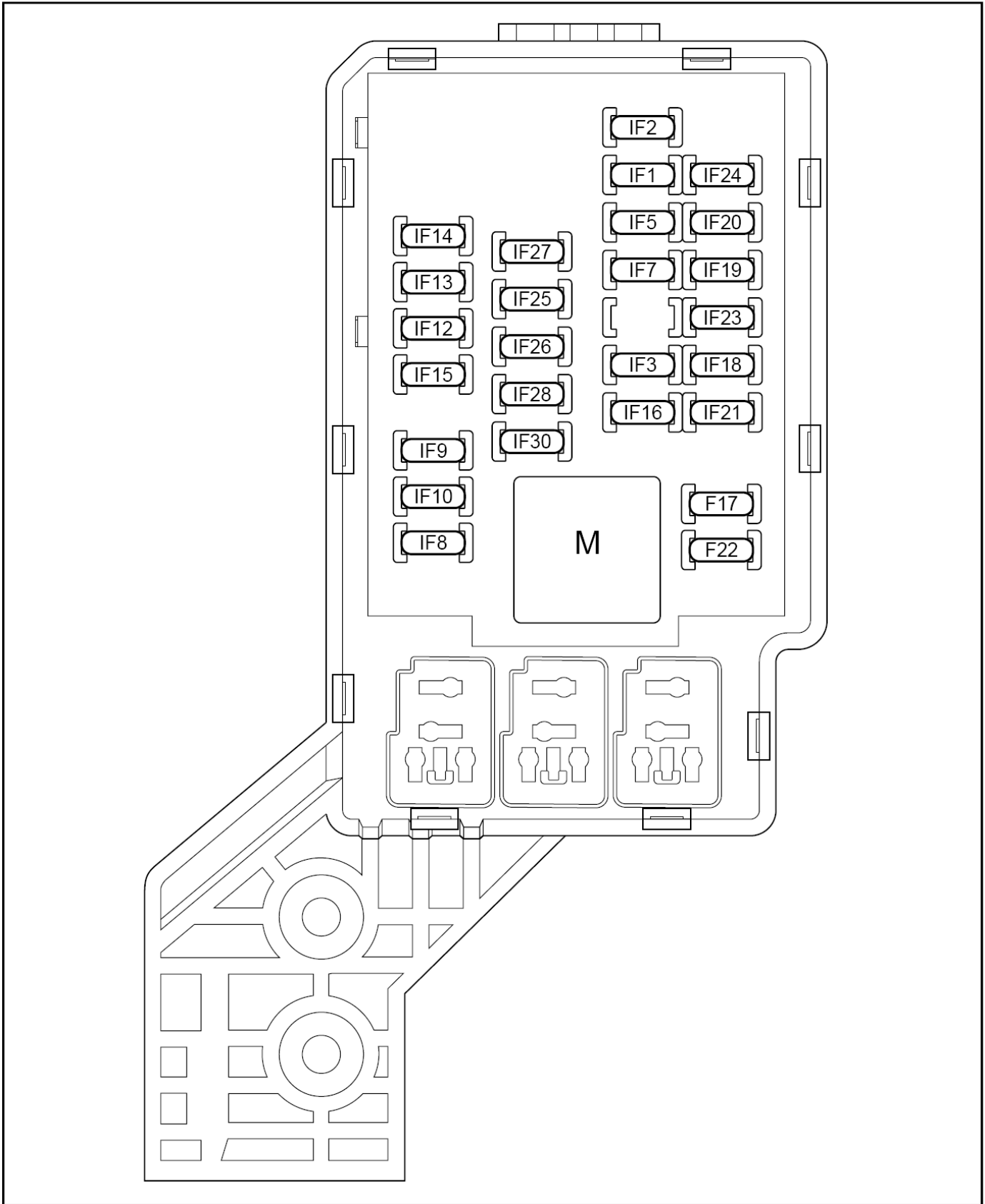
List of Engine Compartment Fuses

Number	Name	Rated current (ampere)	Description
EF01	Main fuse	100	/
EF02	Main fuse	60	Battery output
EF03	Alternator	10	Alternator exciting electromagnet
EF04	ECM	10	ECM operation power supply
EF05	Oil pump	15	Oil pump relay
EF06	Main fuse	30	Ignition switch power supply (AM1)
EF07	Void	None	Reserved
EF08	High beam	10	L.F. high beam
EF09	High beam	10	R.F. high beam
EF10	Low beam	10	L.F. low beam
EF11	Low beam	10	R.F. Low beam
EF12	Main relay	30	ECM main relay
EF13	Oxygen sensor	5	Front oxygen sensor heating
EF14	Oxygen sensor	5	Rear oxygen sensor heating
EF15	Starter	30	Starter relay
EF16	Daytime light	15	Daytime lamp relay
EF17	Electric seat	30	/
EF18	Ignition switch	30	AM2
EF19	Rear defrosting device	30	/
EF20	ABS	25	ABS solenoid valve
EF21	ABS	40	ABS oil return pump
EF22	Ignition switch	40	IG1 relay
EF23	Alternator	60	Alternator output
EF24	Front fog lamp	15	/
EF25	Seat heating device	15	/
EF26	Blower	40	/
EF27	TCU1	20	ON power supply (special for CVT)
EF28	BMBS	5	Study key
EF29	Cooling fan	40	Cooling fan relay
EF30	Electric window	30	/
EF31	Void	None	/
EF32	TCU2	20	B + power supply (special for CVT)
EF33	Main fuse	100	/

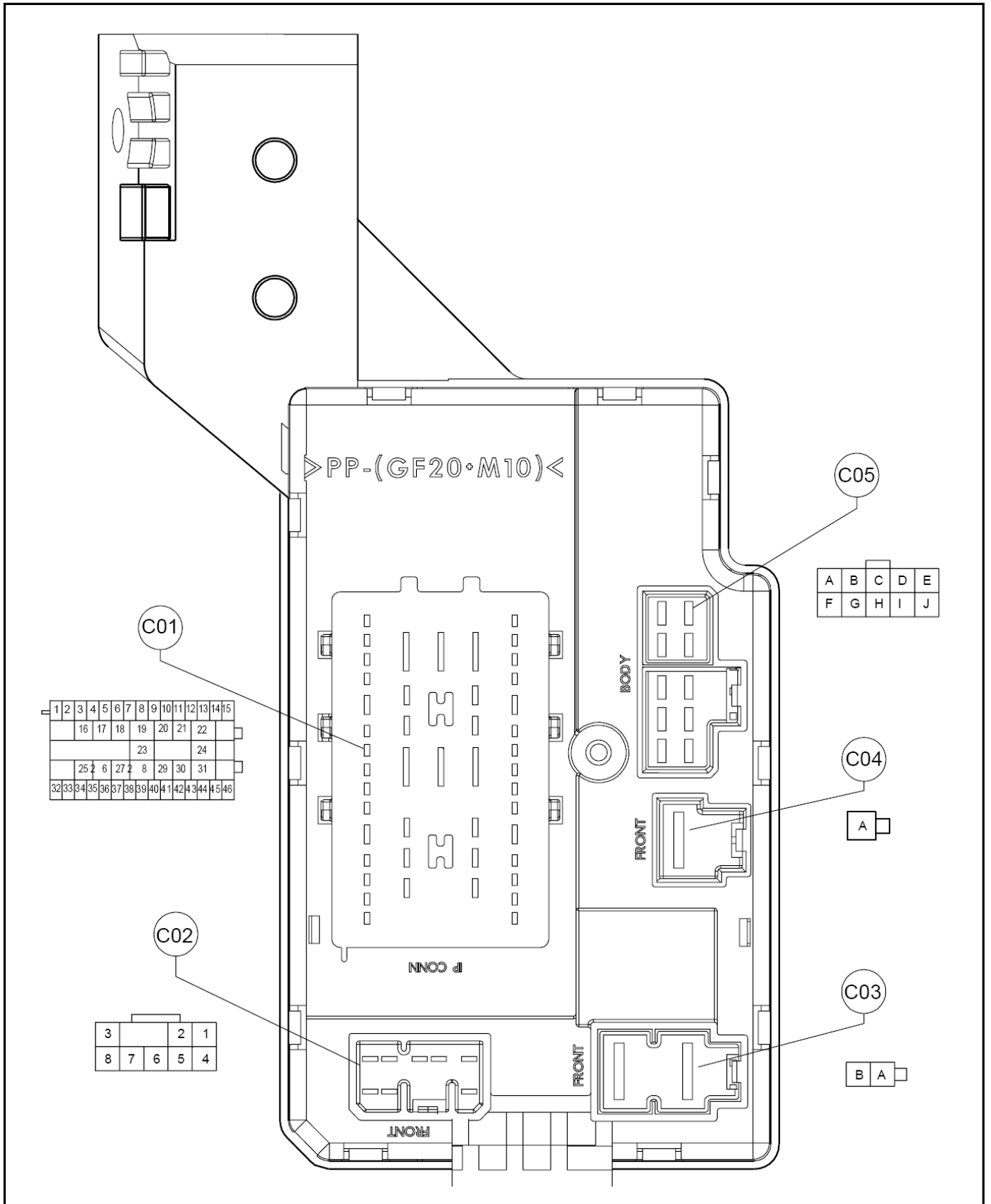
List of engine compartment relay

Number	Name	Description
A	Fan relay	High speed fan relay
B	Fan relay	Low speed fan relay
C	High beam relay	/
D	Daytime lamp relay	/
E	Starter relay	/
F	Low lamp relay	R.F. low lamp relay
G	Engine main relay	/
H	Reverse lamp relay	Special for CVT
I	Oil pump relay	/
J	Front fog lamp relay	/
K	Seat heating relay	/
L	Blower relay	/
M	Starter relay 2	Special for CVT
N	Gearshift lock relay	Special for CVT

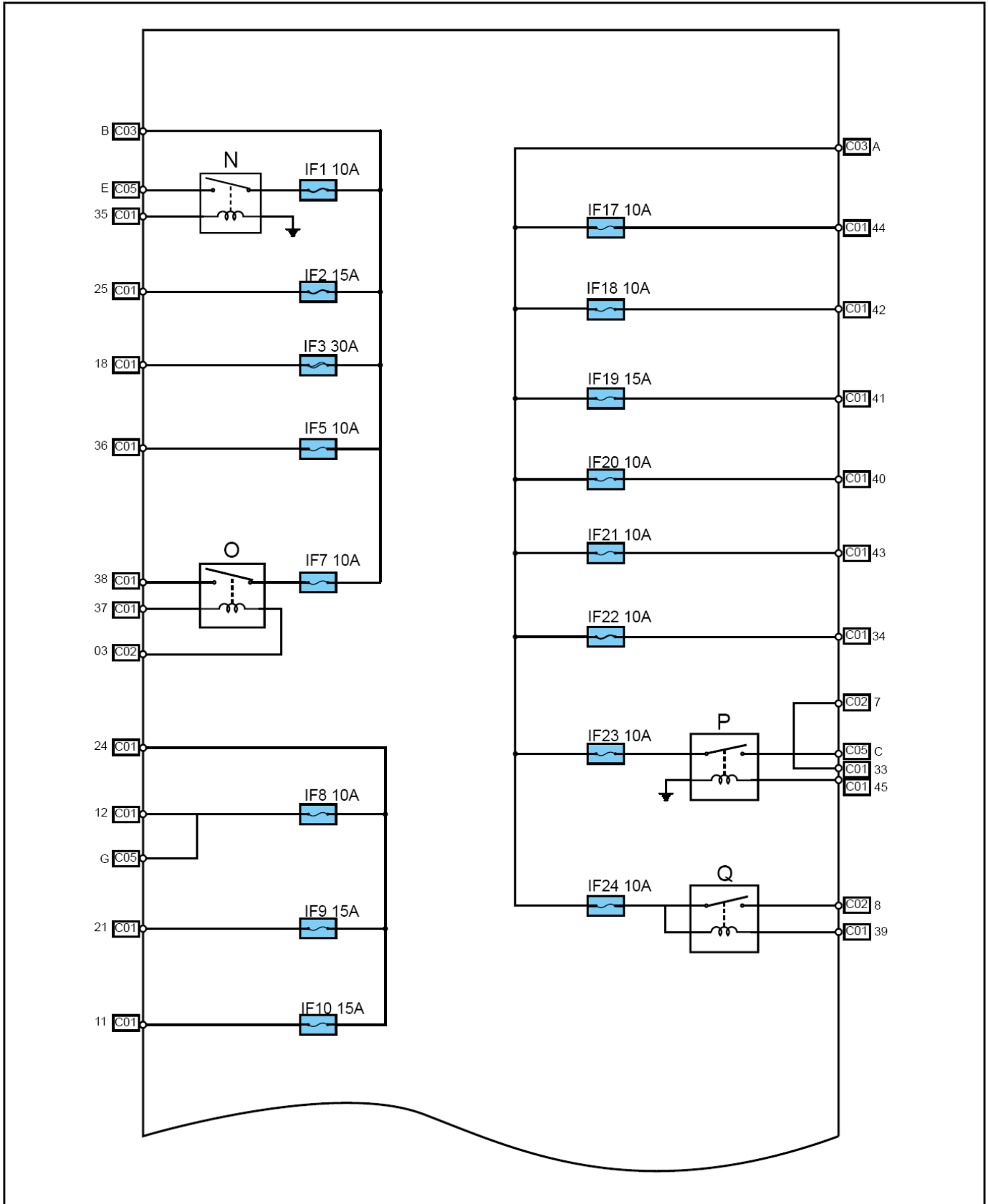
Front View of Indoor Fuse and Relay Box



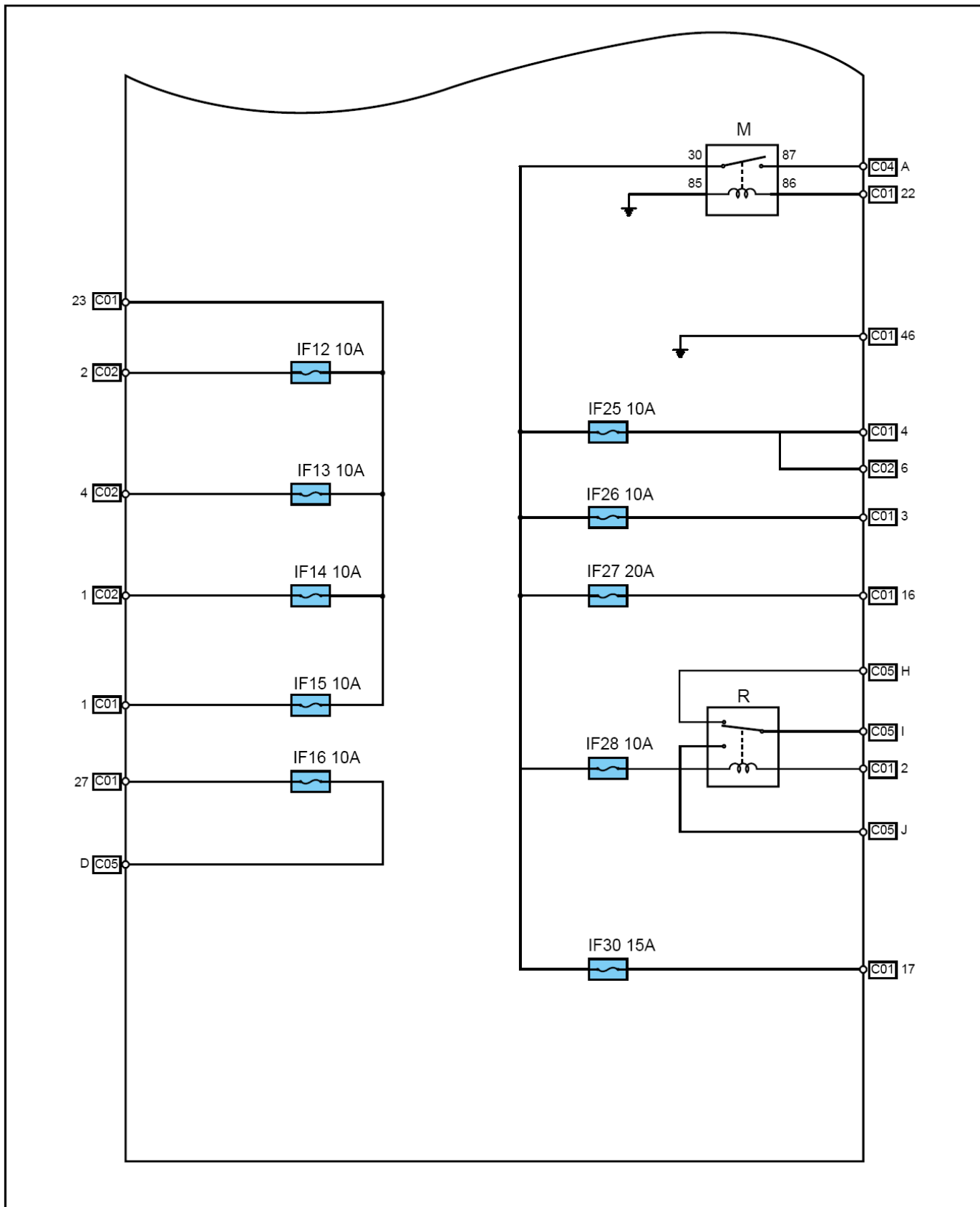
Back View of Indoor Fuse and Relay Box



Indoor Fuse and Relay Box Internal Circuit Diagram



Indoor Fuse and Relay Box Internal Circuit Diagram (continued)



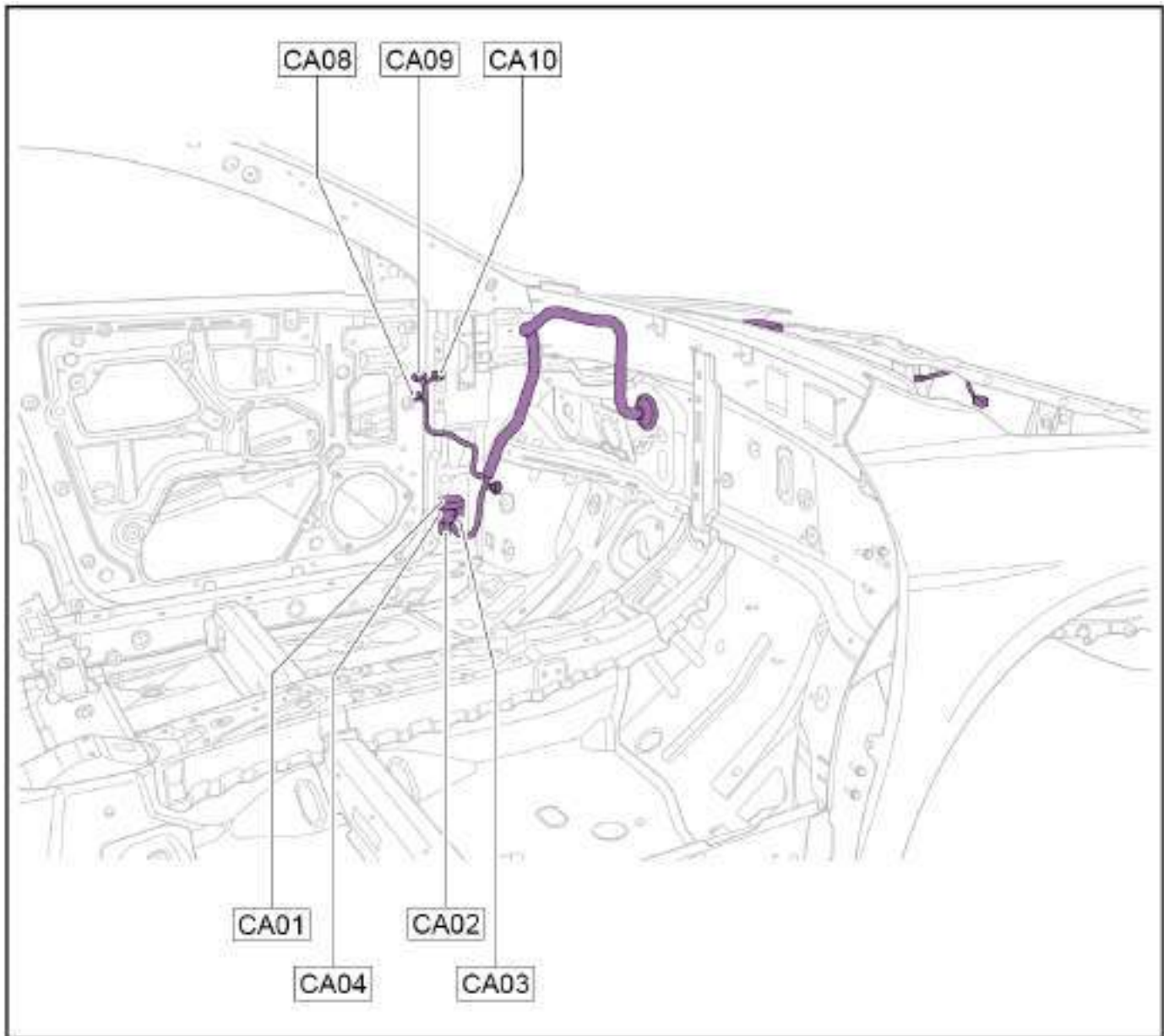
List of Indoor Fuse

Number	Name	Rated current (ampere)	Description
IF01	Rear fog lamp	10	/
IF02	Audio host machine	15	/
IF03	Sunroof	30	/
IF04	Void	Void	Void
IF05	Immobilizer	10	/
IF06	Void	Void	Void
IF07	Air conditioner compressor	10	/
IF08	Audio host machine / sunroof	10	Rear view mirror
IF09	Reserved power supply	15	/
IF10	Cigarette lighter	15	/
IF11	Void	Void	Void
IF12	ECM	10	/
IF13	ABS	10	/
IF14	Reverse lamp switch	10	/
IF15	ACU	10	/
IF16	Rear view mirror heating	10	/
IF17	Steering/warning	10	/
IF18	Door lock	20	Trunk lock, super locking
IF19	Air conditioner	15	Power supply fuse, instrument, sunroof buzzer
IF20	Brake lamp	10	/
IF21	Diagnosis interface	10	Immobilizer, TPMS
IF22	Headlamp switch	10	/
IF23	Position lamp	10	Tail lamp, instrument and switch background lamp
IF24	Horn	10	/
IF25	Alternator	10	TPMS, instrument , lighting sensor , Air conditioner , sunroof , instrument, blower relay
IF26	BCM	10	Immobilizer
IF27	Wiper	20	Washer switch
IF28	Rear wiper	10	Rear wiper return
IF29	Void	Void	Void
IF30	Ignition coil	15	/

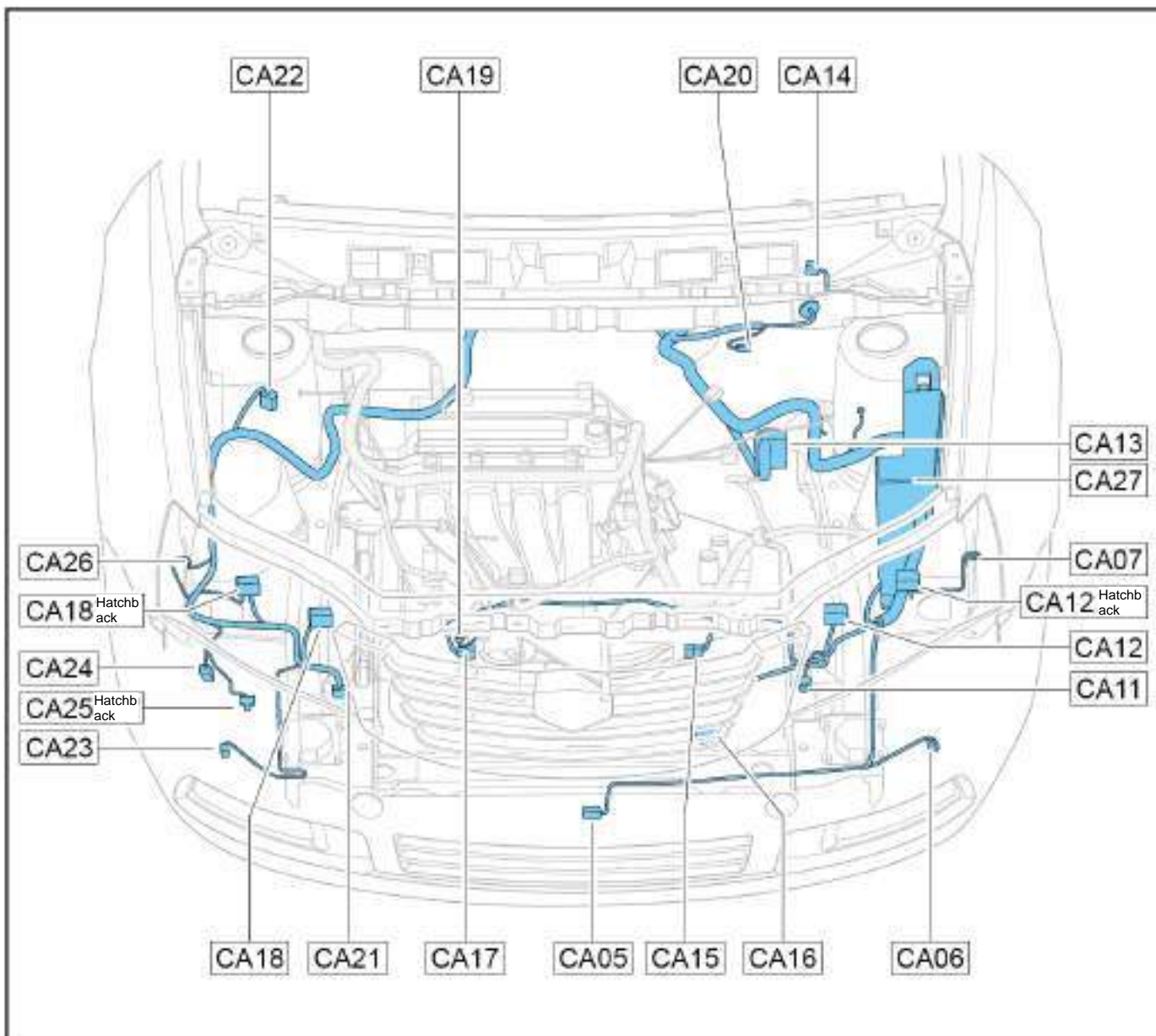
List of Indoor Relay

Number	Name	Description
T	IG1 relay	Ignition control
U	Rear fog lamp relay	Inside of fuse box
O	Air conditioner compressor relay	Inside of fuse box
P	Position lamp relay	Inside of fuse box
Q	Horn relay	Inside of fuse box
R	Rear wiper relay	Inside of fuse box

Engine Compartment Harness Layout



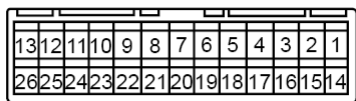
Engine Compartment Harness Layout (Continued)



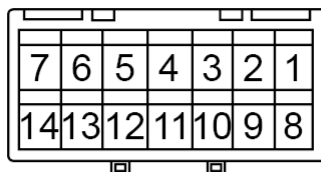
Harness connector	Name	Harness connector	Name
CA01	To instrument harness 1 harness connector	CA15	Bass horn harness connector
CA02	To instrument harness 2 harness connector	CA16	Cooling fan harness connector
CA03	To instrument harness 3 harness connector	CA17	Treble horn harness connector
CA04	To base plate harness connector	CA18	R.F. combination headlamp harness connector
CA05	Outdoor temperature sensor harness connector	CA18 (Hatchback)	R.F. combination headlamp harness connector
CA06	LH daytime lamp / L.F. fog lamp harness connector L.F. fog lamp harness connector (hatchback)	CA19	Bonnet inching contact switch harness connector
CA07	L.F. wheel speed sensor harness connector	CA20	Brake fluid level sensor harness connector
CA08	To indoor fuse and relay box harness connector 1	CA21	R.F. collision sensor harness connector
CA09	To indoor fuse and relay box harness connector 2	CA22	A/C pressure switch harness connector
CA10	To indoor fuse and relay box harness connector 3	CA23	RH daytime lamp / R.F. fog lamp harness connector R.F. fog lamp harness connector (hatchback)
CA11	L.F. collision sensor harness connector	CA24	Front wiper motor harness connector
CA12	L.F. combination headlamp harness connector	CA25	Rear wiper motor harness connector
CA12 (Hatchback)	L.F. combination headlamp harness connector	CA26	R.F. wheel speed sensor harness connector
CA13	ABS control module harness connector	CA27	To engine harness connector
CA14	Front wiper motor harness connector		

Terminal Diagram of Engine Compartment Harness Connector

To instrument harness 1 harness connector CA01



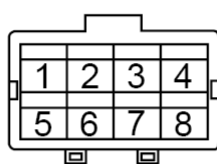
To instrument harness 2 harness connector CA02



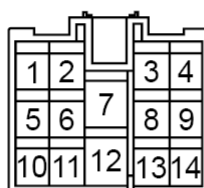
To indoor fuse and relay box harness connector 2 CA09



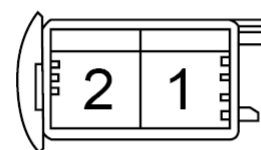
To instrument harness 3 harness connector CA03



To base plate harness connector CA04



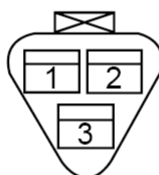
L.F. collision sensor harness connector CA11



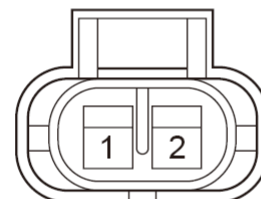
Outdoor temperature sensor harness connector CA05



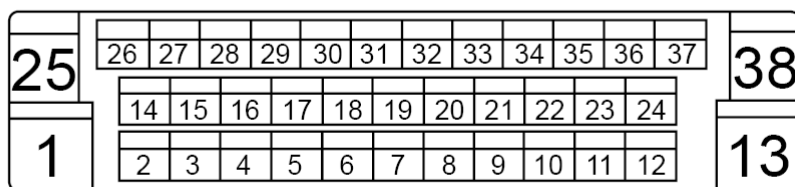
LH daytime lamp / L.F. fog lamp harness connector CA06



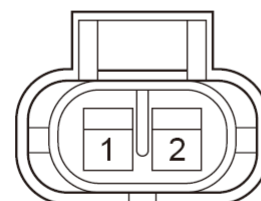
L.F. fog lamp harness connector (hatchback) CA06



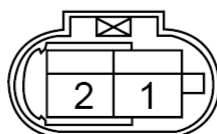
ABS control module harness connector CA13



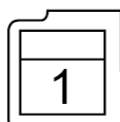
R.F. fog lamp harness connector (hatchback) C23



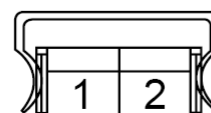
L.F. wheel speed sensor harness connector CA07



To indoor fuse and relay box harness connector 1 CA08



Bass horn harness connector CA15

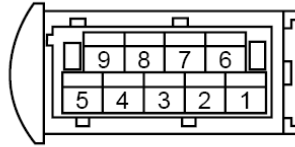


Terminal Diagram of Engine Compartment Harness Connector (Continued)

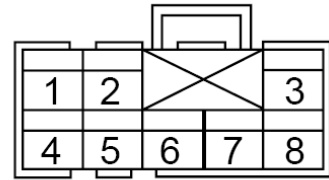
Front wiper motor harness connector CA14



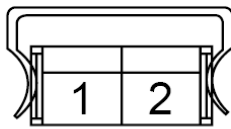
L.F. combination headlamp harness connector CA12



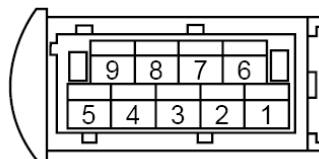
To indoor fuse and relay box harness connector 3 CA10



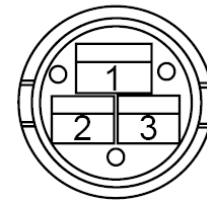
Treble horn harness connector CA17



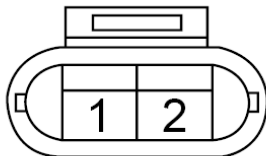
R.F. combination headlamp harness connector CA18



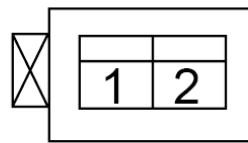
Cooling fan harness connector CA16



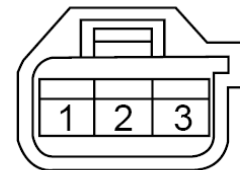
Bonnet inching contact switch harness connector CA19



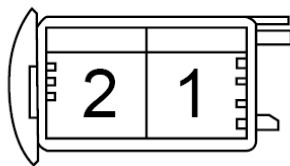
Brake fluid level sensor harness connector CA20



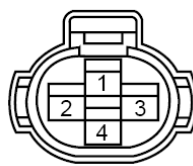
Rear wiper motor harness connector CA25



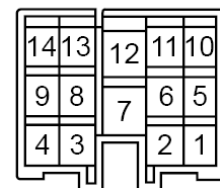
R.F. collision sensor harness connector CA21



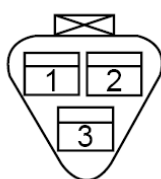
A/C pressure switch harness connector CA22



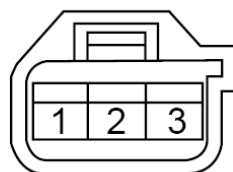
To engine harness connector CA27



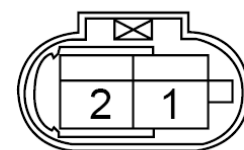
RH daytime lamp / R.F. fog lamp harness connector CA23



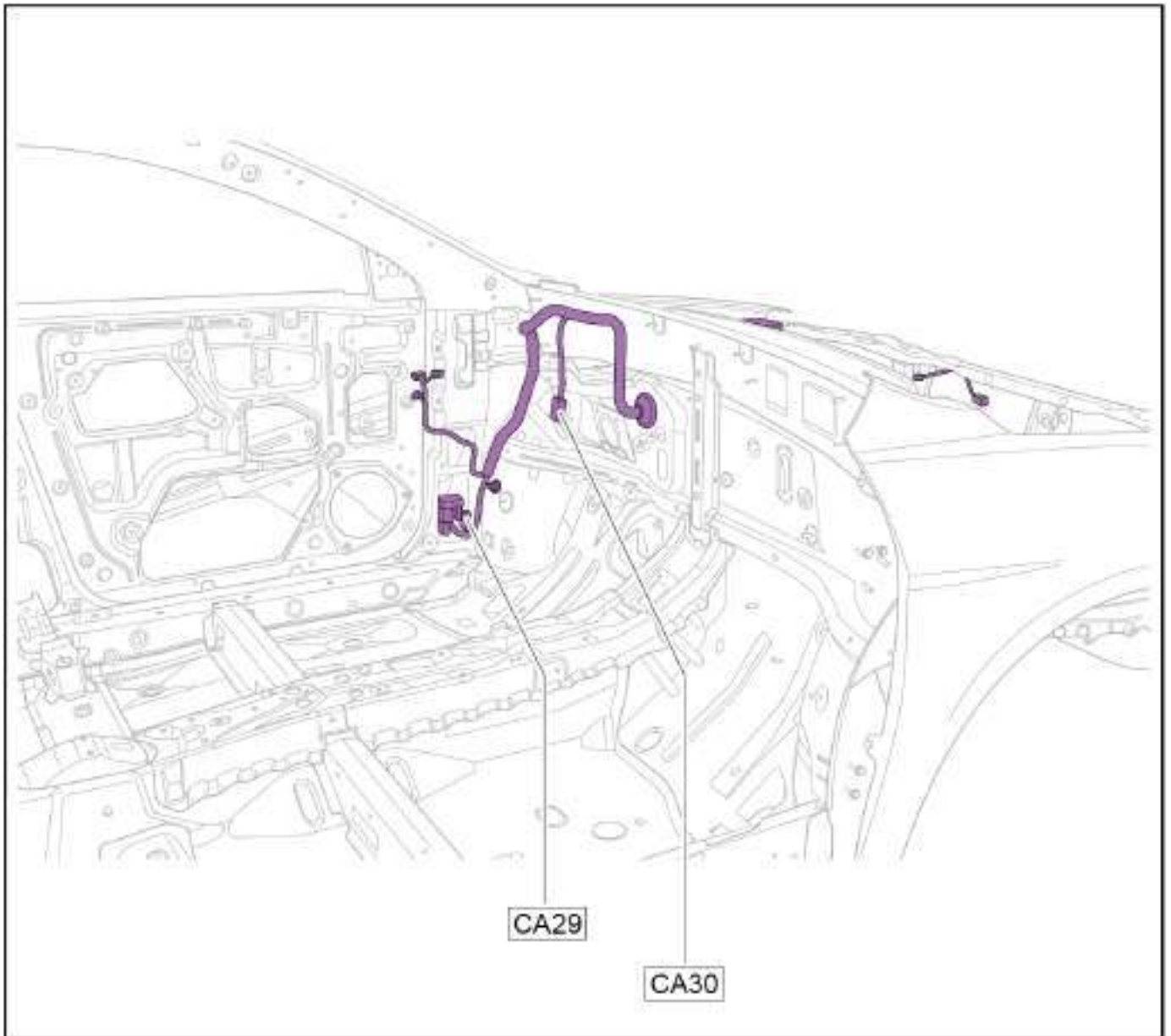
Front wiper motor harness connector CA24



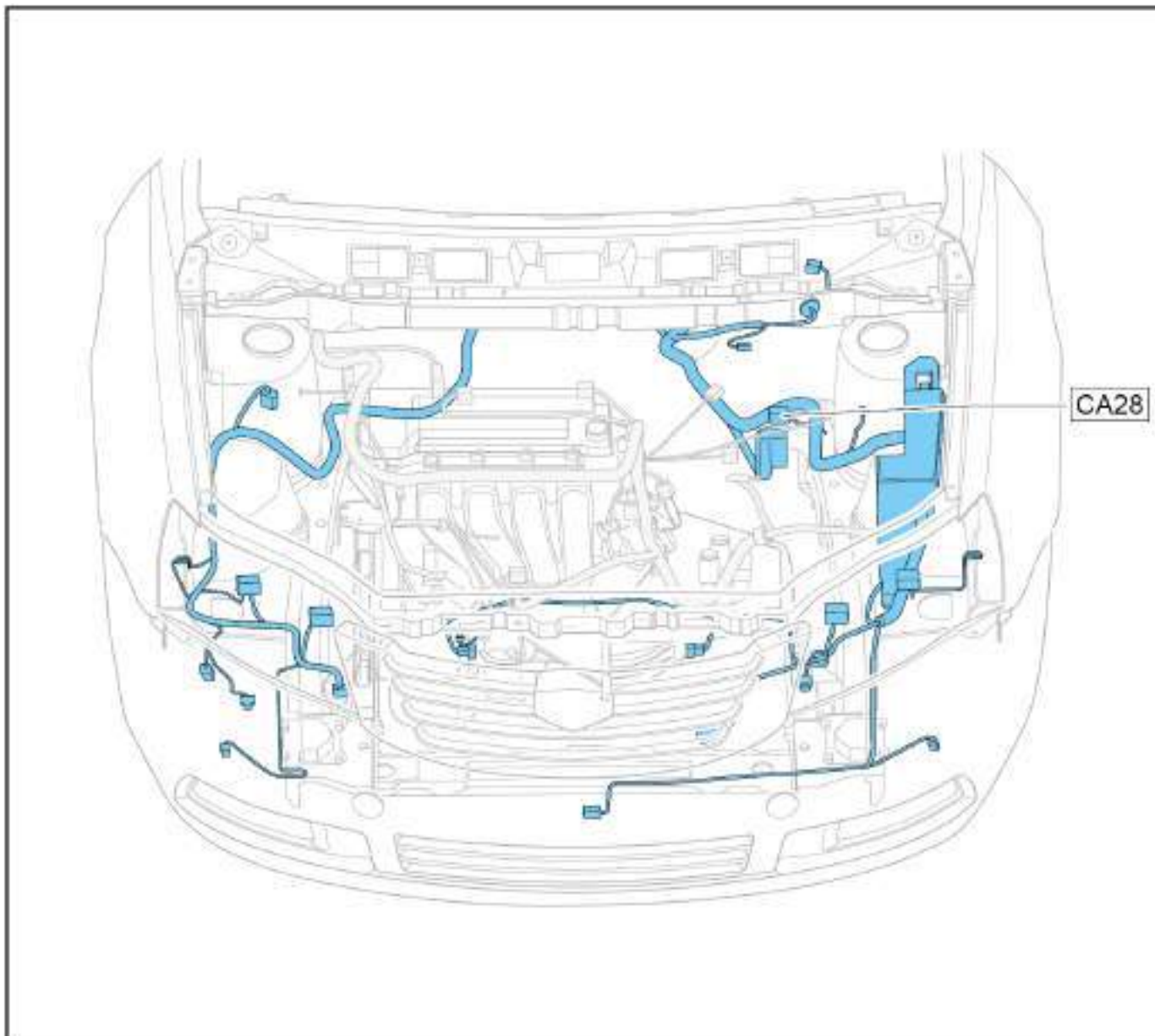
R.F. wheel speed sensor harness connector CA26



Engine Compartment Harness Layout (CVT)



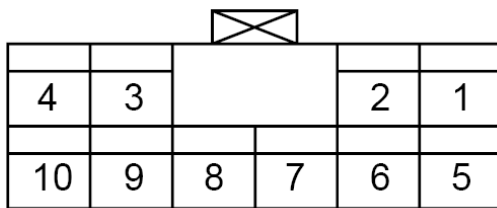
Engine Compartment Harness Layout (CVT) (Continued)



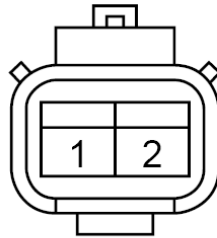
Harness connector	Name	Harness connector	Name
CA28	To instrument harness 4 harness connector	CA30	Intake solenoid valve harness connector
CA29	Isolating solenoid valve harness connector		

Terminal Diagram of Engine Compartment Harness Connector

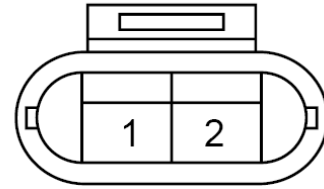
CA28 To instrument harness 4 harness connector



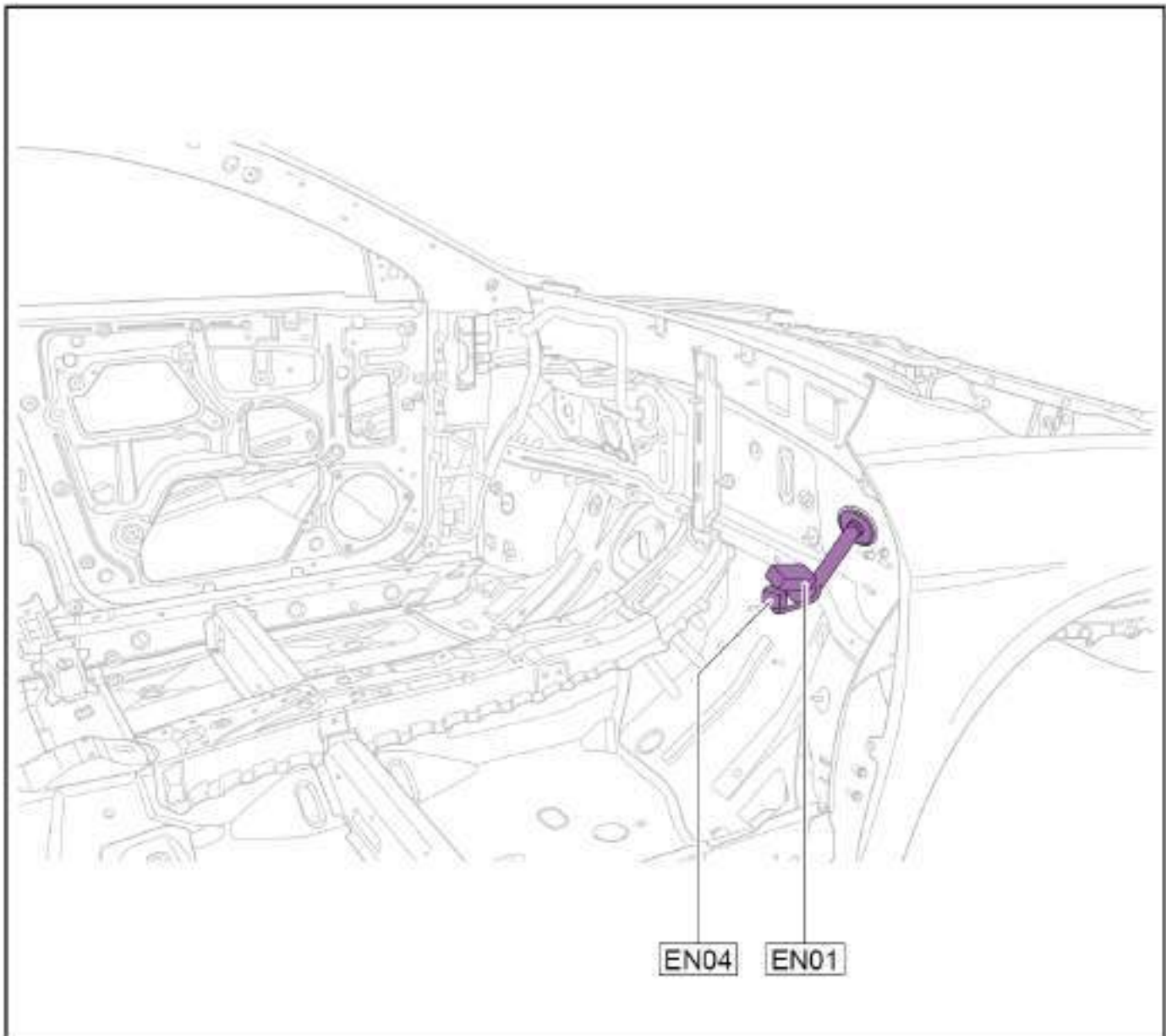
CA29 Isolating solenoid valve harness connector



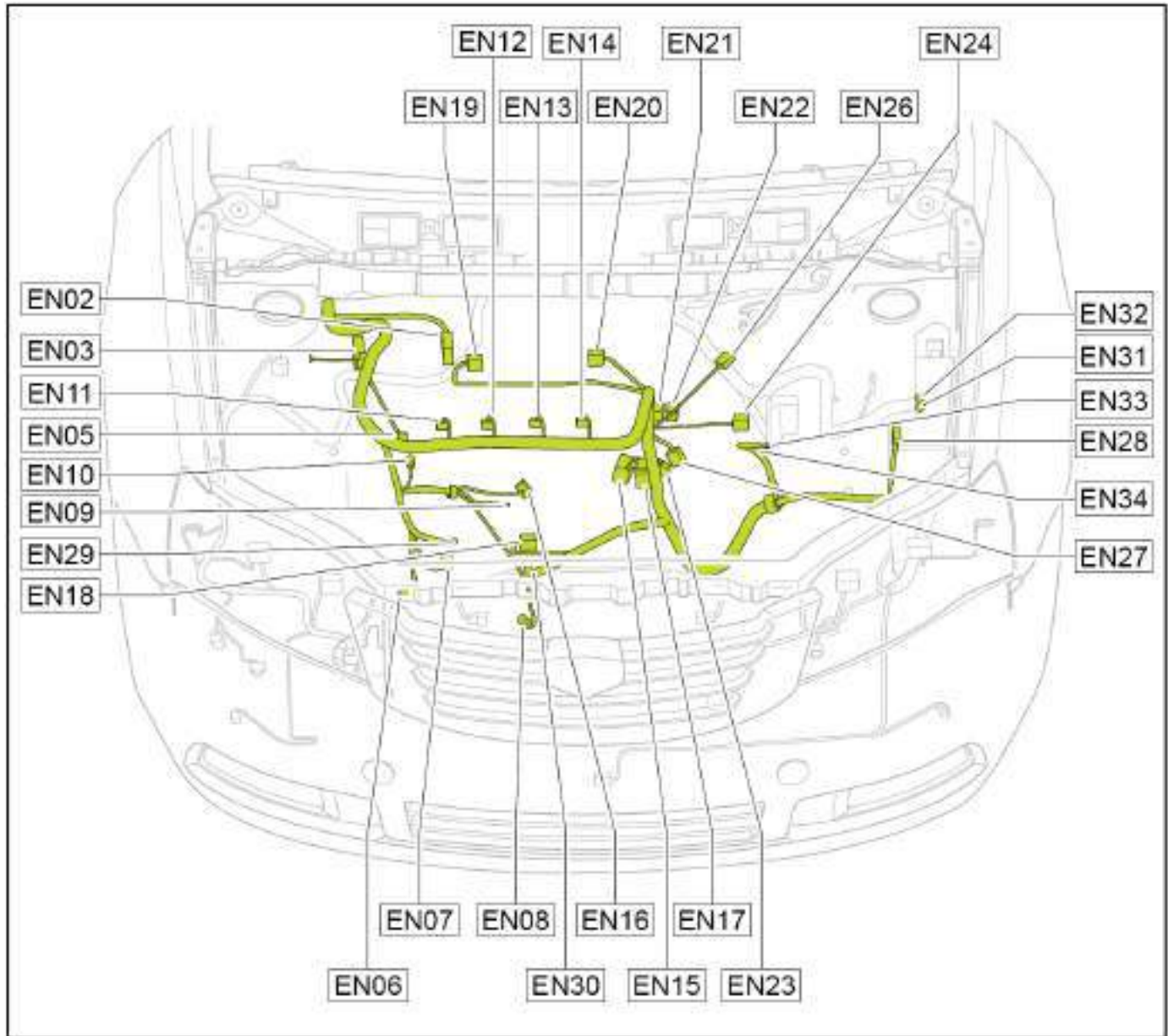
CA30 Intake solenoid valve harness connector



Engine Harness Layout

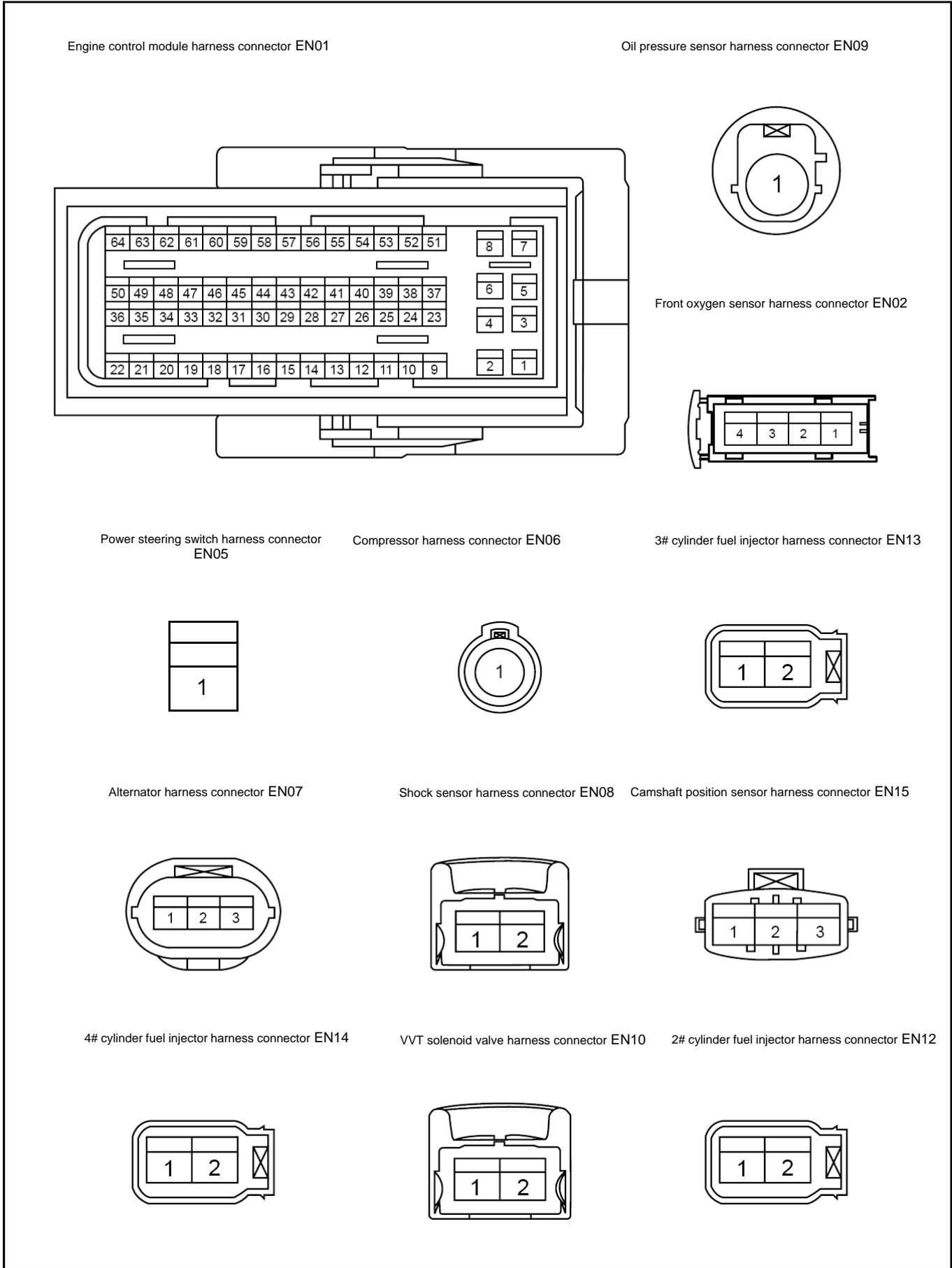


Engine Harness Layout (Continued)



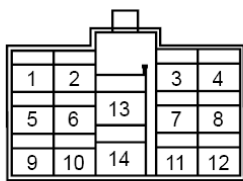
Harness connector	Name	Harness connector	Name
EN01	Engine control module harness connector	EN18	Starter harness connector
EN02	Front oxygen sensor harness connector	EN19	Ignition coil 1 harness connector
EN03	Rear oxygen sensor harness connector	EN20	Ignition coil 2 harness connector
EN04	To instrument harness connector	EN21	Vehicle speed sensor harness connector
EN05	To instrument harness connector	EN22	Reverse gear switch harness connector
EN06	Compressor harness connector	EN23	Engine coolant sensor harness connector
EN07	Alternator harness connector	EN24	Canister solenoid valve harness connector
EN08	Shock sensor harness connector	EN26	Engine speed sensor harness connector
EN09	Oil pressure sensor harness connector	EN27	Throttle position sensor harness connector
EN10	VVT solenoid valve harness connector	EN28	To bonnet distribution box harness connector
EN11	1# Cylinder fuel injector harness connector	EN29	Alternator (connection piece)
EN12	2# Cylinder fuel injector harness connector	EN30	Starter magnet
EN13	3# Cylinder fuel injector harness connector	EN31	To engine compartment fuse and relay box (1)
EN14	4# Cylinder fuel injector harness connector	EN32	To engine compartment fuse and relay box (2)
EN15	Camshaft position sensor harness connector	EN33	Battery connection piece
EN16	Intake pressure temperature sensor harness connector	EN34	Battery fuse box connection piece
EN17	Idling speed control valve harness connector		

Terminal Diagram of Engine Harness Connector

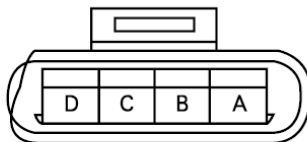


Terminal Diagram of Engine Harness Connector (Continued 1)

To bonnet distribution box harness connector EN28



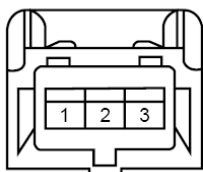
Idling speed control valve harness connector EN17



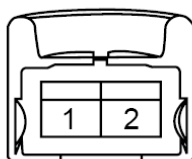
Starter harness connector EN18



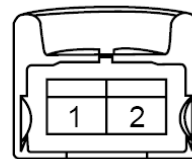
Throttle position sensor harness connector EN27



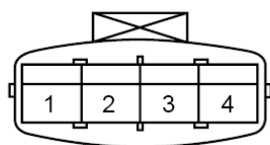
Ignition coil 1 harness connector EN19



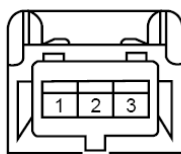
Ignition coil 2 harness connector EN20



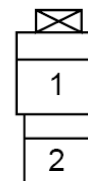
Intake pressure temperature sensor harness connector EN16



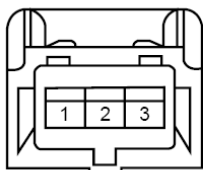
Vehicle speed sensor harness connector EN21



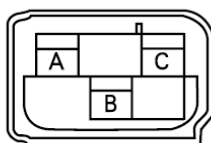
Reverse gear switch harness connector EN22



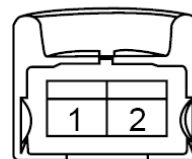
Engine speed sensor harness connector EN26



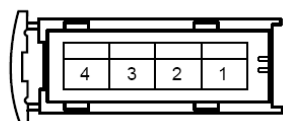
Engine coolant sensor harness connector EN23



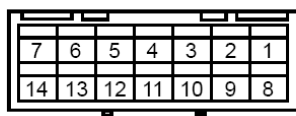
Canister solenoid valve harness connector EN24



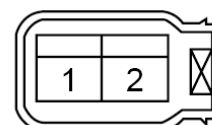
Rear oxygen sensor harness connector EN03



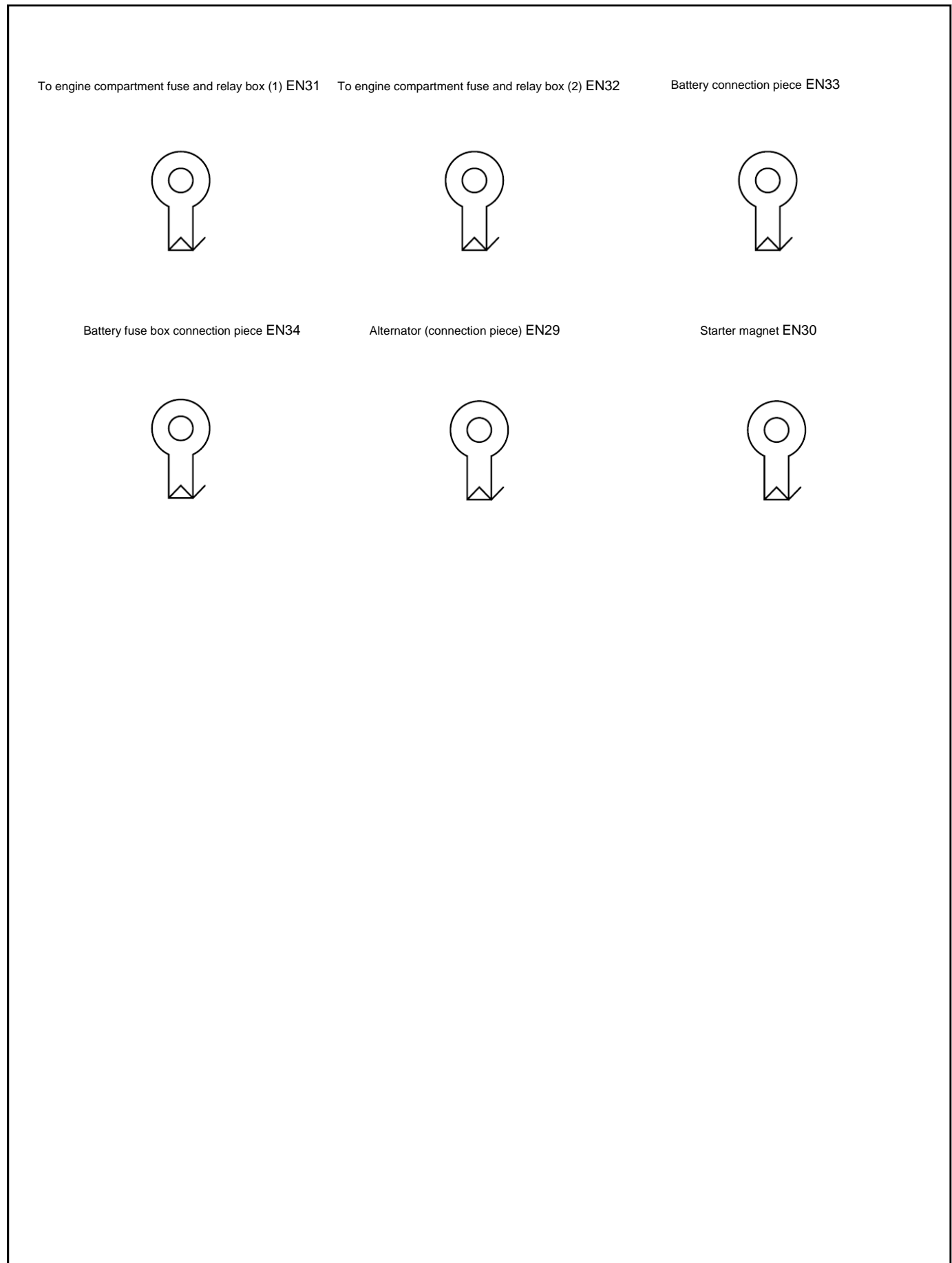
To instrument harness connector EN04



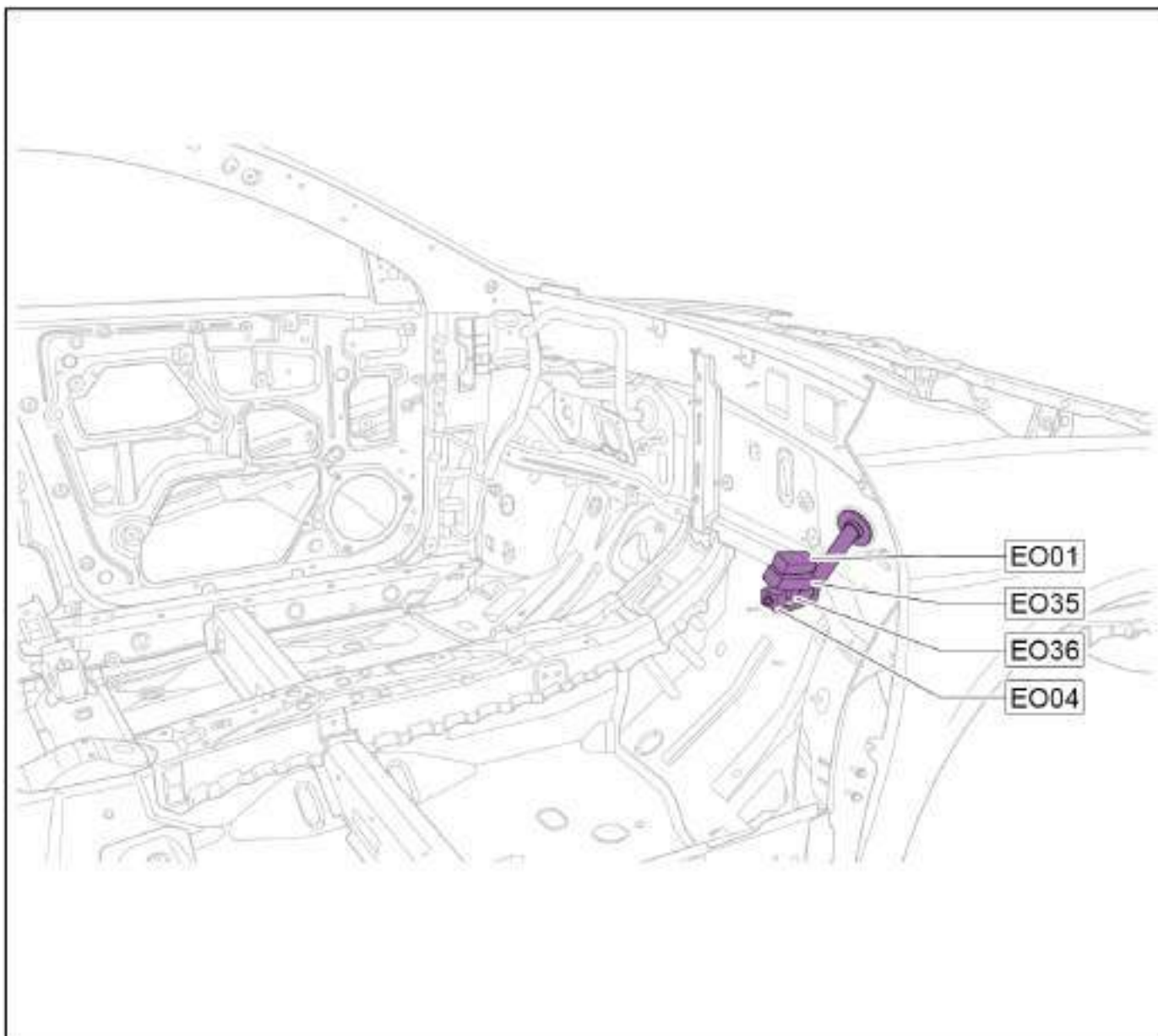
1# cylinder fuel injector harness connector EN11



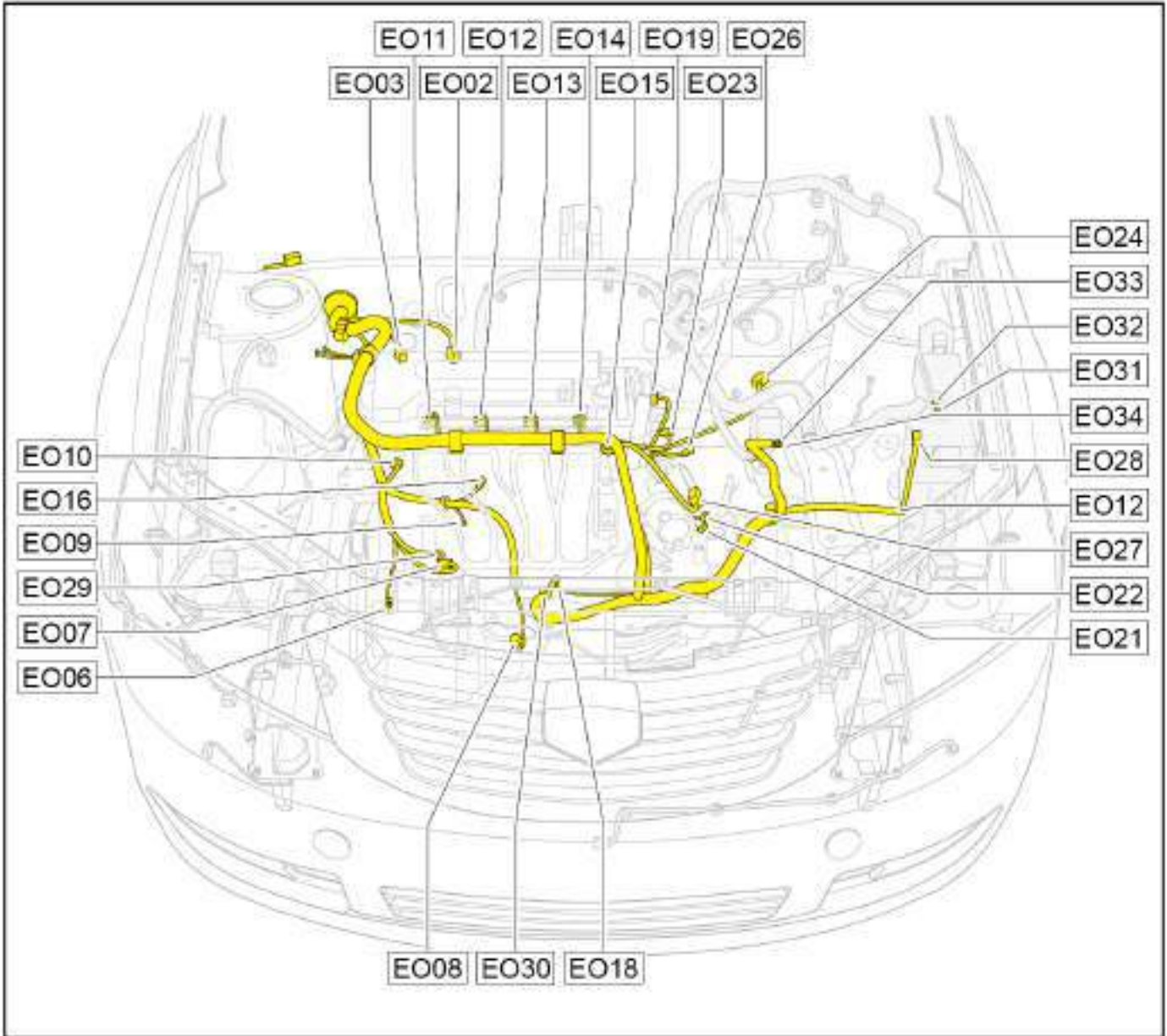
Terminal Diagram of Engine Harness Connector (Continued 2)



Engine Harness Layout (JL4G15-G)



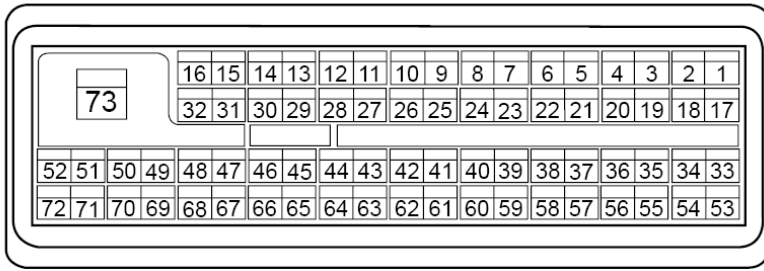
Engine Harness Layout (JL4G15-G) (Continued)



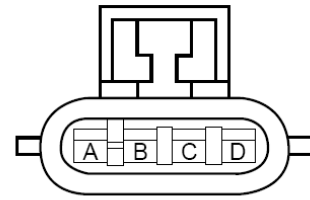
Harness connector	Name	Harness connector	Name
EO01	ECM (E) harness connector (JL4G15-G)	EO19	Ignition coil harness connector (JL4G15-G)
EO02	ECM (E) harness connector (JL4G15-G)	EO21	Vehicle speed sensor harness connector (JL4G15-G)
EO03	Rear oxygen sensor harness connector(JL4G15-G)	EO22	Reverse gear switch harness connector (JL4G15-G)
EO04	To instrument harness connector (JL4G15-G)	EO23	Coolant temperature sensor harness connector (JL4G15-G)
EO06	Compressor harness connector(JL4G15-G)	EO24	Canister solenoid valve harness connector (JL4G15-G)
EO07	Alternator harness connector(JL4G15-G)	EO26	Crankshaft position sensor harness connector (JL4G15-G)
EO08	Shock sensor harness connector(JL4G15-G)	EO27	Electronic throttle body harness connector (JL4G15-G)
EO09	Oil pressure switch harness connector (JL4G15-G)	EO28	To bonnet distribution box (3) (JL4G15-G)
EO10	VVT solenoid valve harness connector(JL4G15-G)	EO29	Alternator (connection piece) (JL4G15-G)
EO11	Fuel injector 1 harness connector (JL4G15-G)	EO30	Starter motor harness connector (JL4G15-G)
EO12	Fuel injector 2 harness connector (JL4G15-G)	EO31	To bonnet distribution box (1) (JL4G15-G)
EO13	Fuel injector 3 harness connector (JL4G15-G)	EO32	To bonnet distribution box (2) (JL4G15-G)
EO14	Fuel injector 4 harness connector (JL4G15-G)	EO33	Battery connection piece(JL4G15-G)
EO15	Camshaft position sensor harness connector(JL4G15-G)	EO34	Battery fuse box connection piece(JL4G15-G)
EO16	Intake pressure temperature sensor harness connector(JL4G15-G)	EO35	ECM (C) harness connector (JL4G15-G)
EO18	Starter harness connector (JL4G15-G)	EO36	To instrument harness connector(2)(JL4G15-G)

Terminal Diagram of Engine Harness Connector (JL4G15-G)

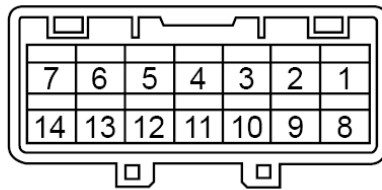
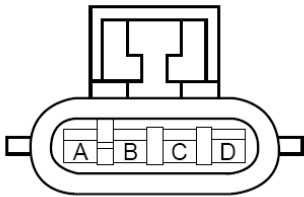
ECM (E) harness connector (JL4G15-G) EO01



Front oxygen sensor harness connector (JL4G15-G) EO02



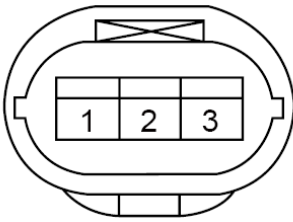
Rear oxygen sensor harness connector (JL4G15-G) EO03 To instrument harness connector (JL4G15-G) EO04



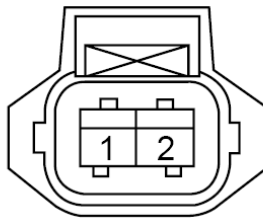
Compressor harness connector (JL4G15-G) EO06



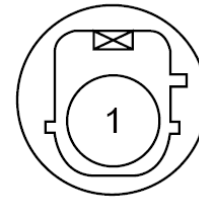
Alternator harness connector (JL4G15-G) EO07



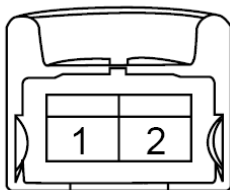
Shock sensor harness connector (JL4G15-G) EO08



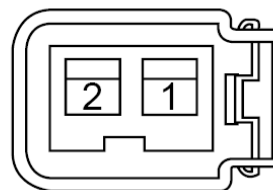
Oil pressure switch harness connector (JL4G15-G) EO09



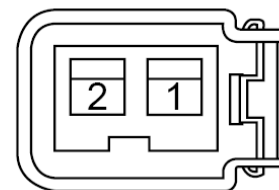
VVT solenoid valve harness connector (JL4G15-G) EO10



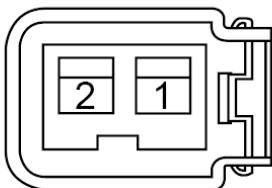
Fuel injector 1 harness connector (JL4G15-G) EO11



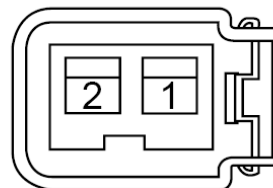
Fuel injector 2 harness connector (JL4G15-G) EO12



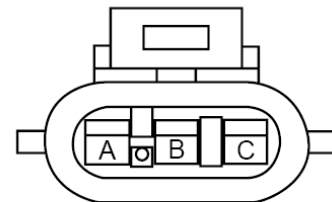
Fuel injector 3 harness connector (JL4G15-G) EO13



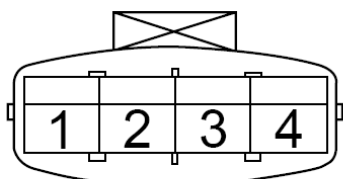
Fuel injector 4 harness connector (JL4G15-G) EO14



Camshaft position sensor harness connector (JL4G15-G) EO15



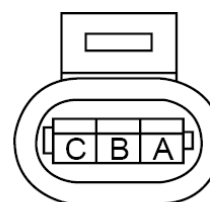
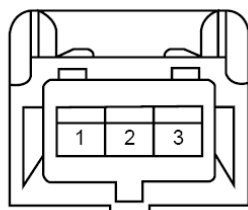
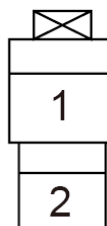
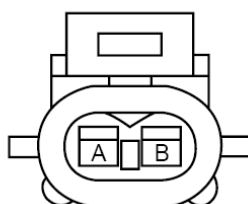
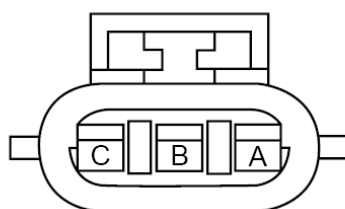
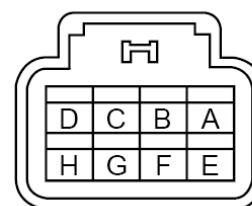
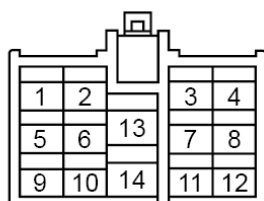
Terminal Diagram of Engine Harness Connector (JL4G15-G) (Continued 1)

Intake pressure temperature sensor harness connector
(JL4G15-G) EO16

Starter harness connector (JL4G15-G) EO18



Ignition coil harness connector (JL4G15-G) EO19

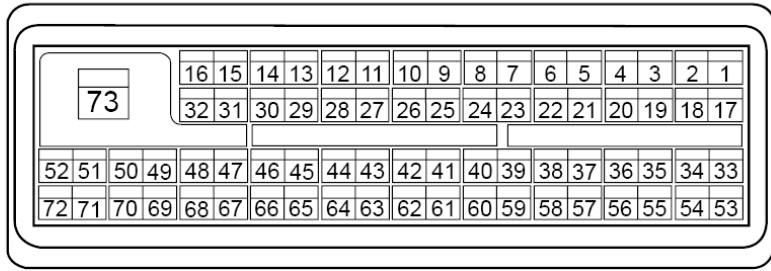
Vehicle speed sensor harness connector
(JL4G15-G) EO21Reversing gear switch harness connector
(JL4G15-G) EO22Coolant temperature sensor harness connector
(JL4G15-G) EO23Canister solenoid valve harness connector
(JL4G15-G) EO24Crankshaft position sensor harness connector
(JL4G15-G) EO26Electronic throttle body harness connector
(JL4G15-G) EO27To bonnet distribution box (3)
(JL4G15-G) EO28Alternator (connection piece)
(JL4G15-G) EO29Starter motor harness connector
(JL4G15-G) EO30To bonnet distribution box (1)
(JL4G15-G) EO31To bonnet distribution box (2)
(JL4G15-G) EO32Battery connection piece
(JL4G15-G) EO33

Terminal Diagram of Engine Harness Connector (JL4G15-G) (Continued 2)

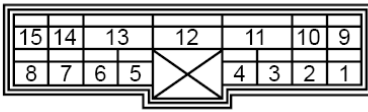
Battery fuse box connection piece (JL4G15-G) EO34



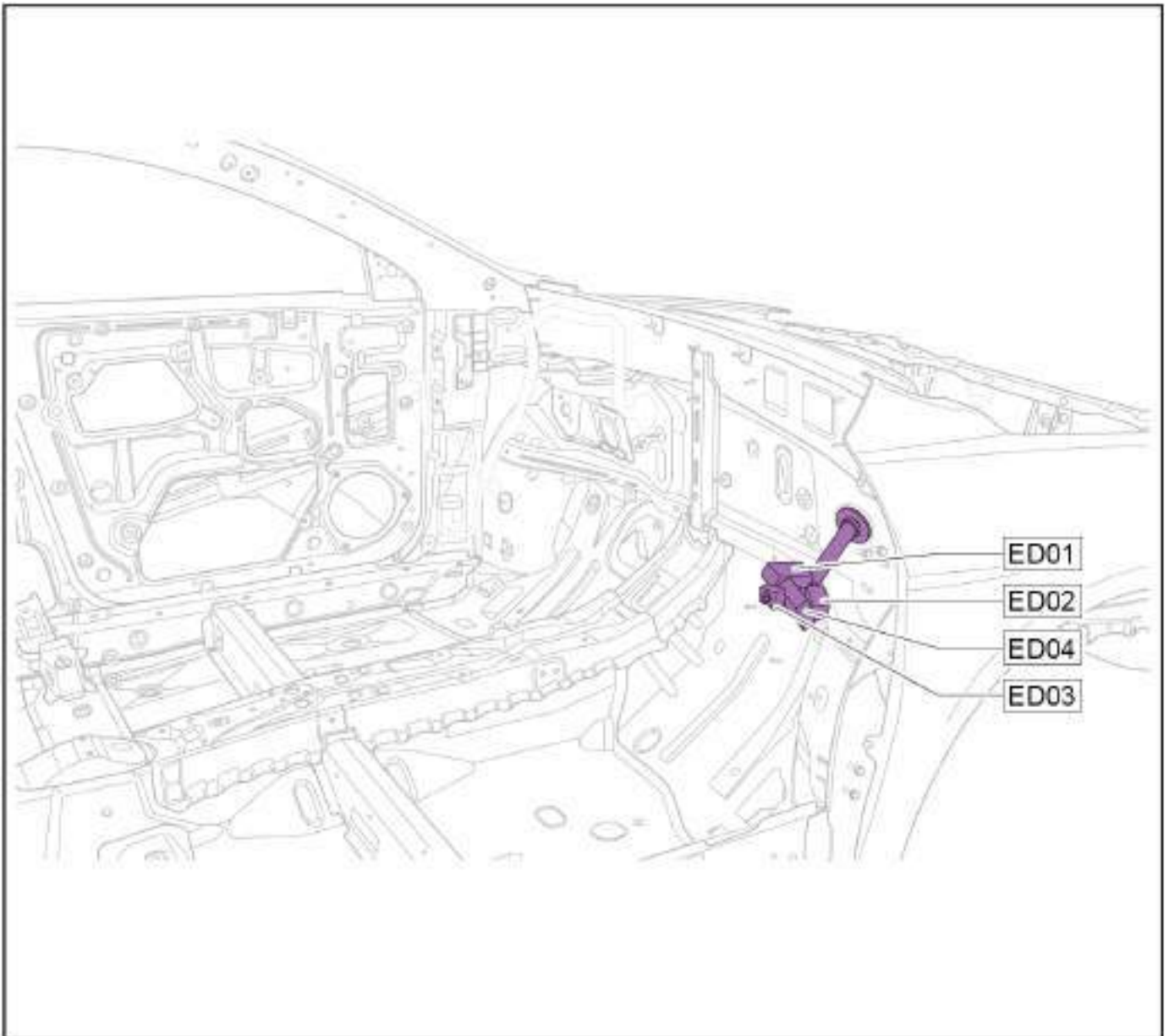
ECM (C) harness connector (JL4G15-G) EO35



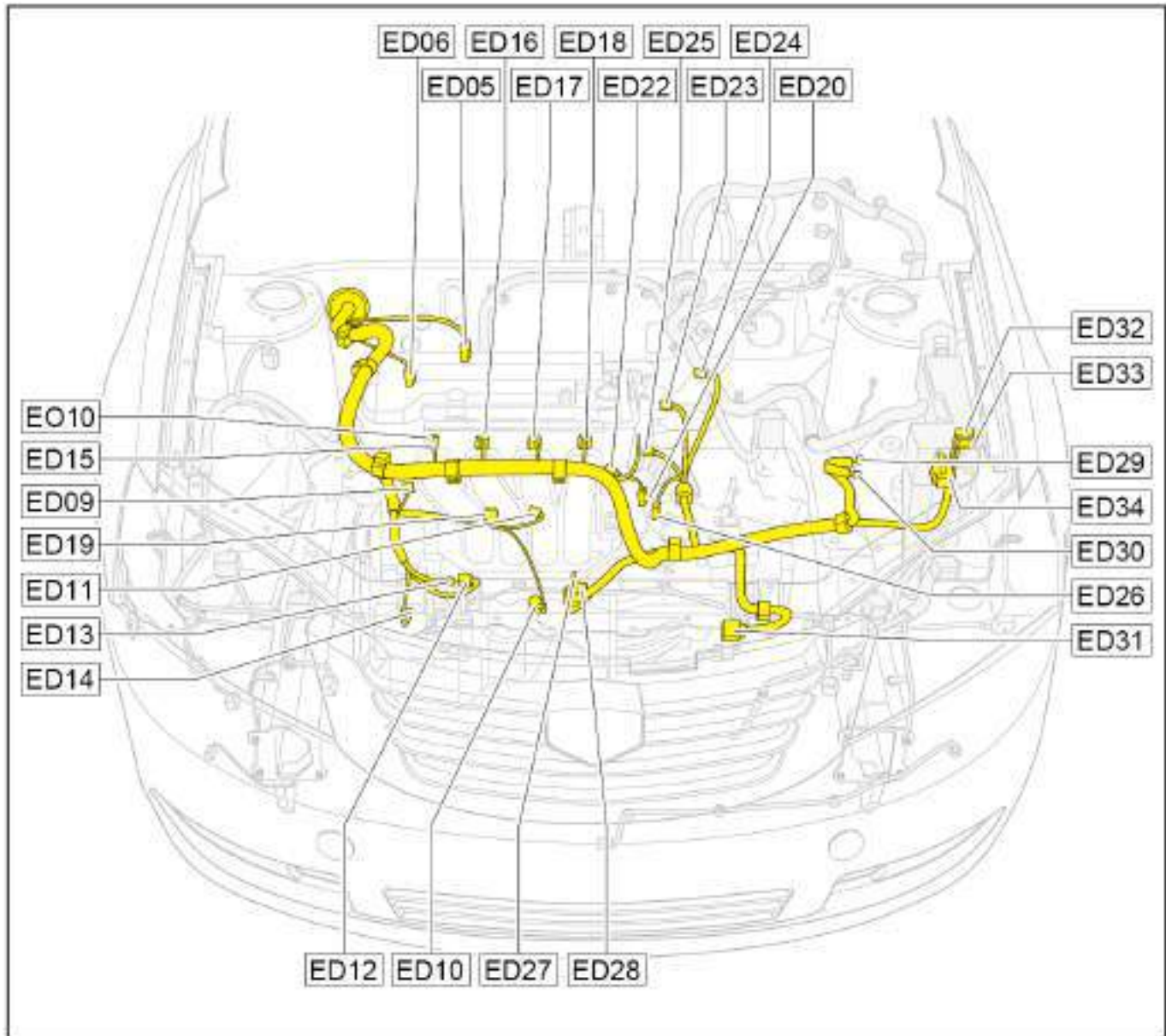
To instrument harness connector (2) (JL4G15-G) EO36



Engine Harness Layout (CVT)



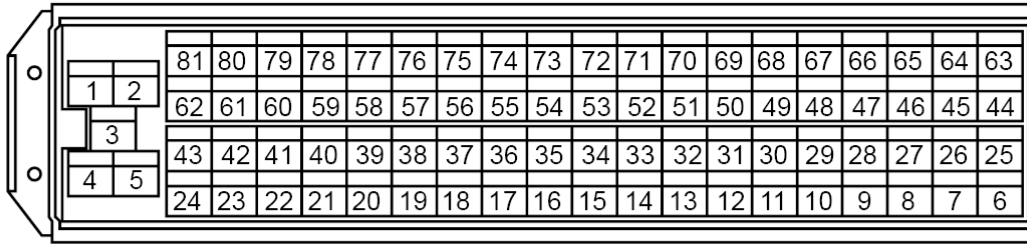
Engine Harness Layout (CVT) (Continued)



Harness connector	Name	Harness connector	Name
ED01	ECM harness connector (JL4G18-G)	ED19	Intake pressure temperature sensor harness connector (JL4G18-G)
ED02	To base plate harness, harness connector (JL4G18-G)	ED20	Electronic throttle harness connector (JL4G18-G)
ED03	To instrument harness, harness connector (JL4G18-G)	ED21	Power steering switch harness connector (JL4G18-G)
ED04	To instrument harness, harness connector (JL4G18-G)	ED22	Camshaft position sensor harness connector (JL4G18-G)
ED05	Front oxygen sensor harness connector (JL4G18-G)	ED23	Ignition coil harness connector (JL4G18-G)
ED06	Rear oxygen sensor harness connector (JL4G18-G)	ED24	Canister solenoid valve harness connector (JL4G18-G)
ED09	VVT solenoid valve harness connector (JL4G18-G)	ED25	Engine coolant temperature sensor harness connector (JL4G18-G)
ED10	Oil pressure sensor harness connector (JL4G18-G)	ED26	Engine speed sensor harness connector (JL4G18-G)
ED11	Shock sensor harness connector (JL4G18-G)	ED27	Starter harness connector (JL4G18-G)
ED12	Alternator harness connector (JL4G18-G)	ED28	Starter magnet (JL4G18-G)
ED13	Alternator (connection piece) (JL4G18-G)	ED29	Battery harness connector (JL4G18-G)
ED14	Compressor harness connector (JL4G18-G)	ED30	Battery harness 2 connector (JL4G18-G)
ED15	Fuel injector 1 harness connector (JL4G18-G)	ED31	To transmission harness connector (JL4G18-G)
ED16	Fuel injector 2 harness connector (JL4G18-G)	ED32	To bonnet distribution box 1 (JL4G18-G)
ED17	Fuel injector 3 harness connector (JL4G18-G)	ED33	To bonnet distribution box 2 (JL4G18-G)
ED18	Fuel injector 4 harness connector (JL4G18-G)	ED34	To bonnet distribution box 3 (JL4G18-G)

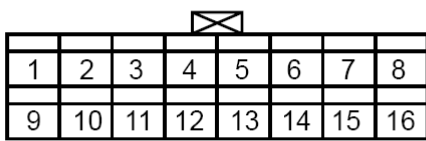
Terminal Diagram of Engine Harness Connector (CVT)

ECM harness connector (JL4G18-G) ED01



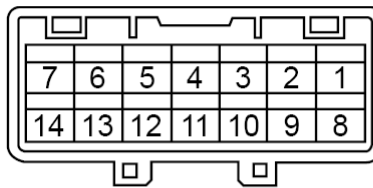
To base plate harness, harness connector

(JL4G18-G) ED02



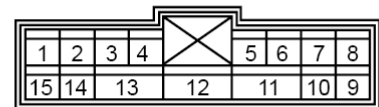
To instrument harness, harness connector

(JL4G18-G) ED03

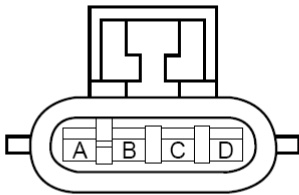


To instrument harness, harness connector

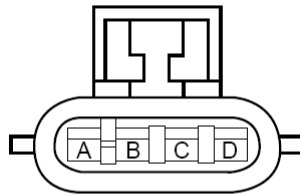
(JL4G18-G) ED04



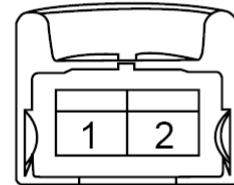
Front oxygen sensor harness connector (JL4G18-G) ED05



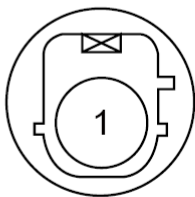
Rear oxygen sensor harness connector (JL4G18-G) ED06



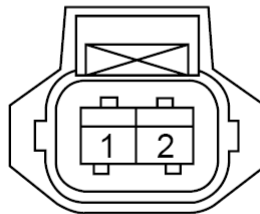
VVT solenoid valve harness connector (JL4G18-G) ED09



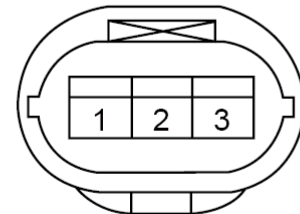
Oil pressure sensor harness connector (JL4G18-G) ED10



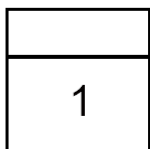
Shock sensor harness connector (JL4G18-G) ED11



Alternator harness connector (JL4G18-G) ED12



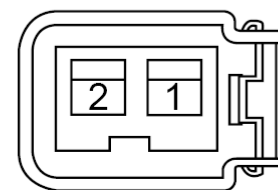
Alternator (connection piece) (JL4G18-G) ED13



Compressor harness connector (JL4G18-G) ED14

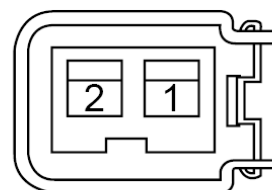
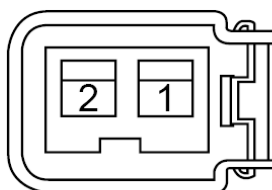
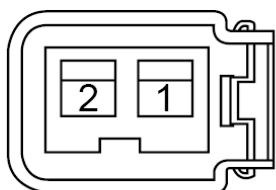


Fuel injector 1 harness connector (JL4G18-G) ED15

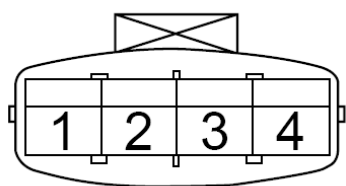


Terminal Diagram of Engine Harness Connector (CVT) (Continued 1)

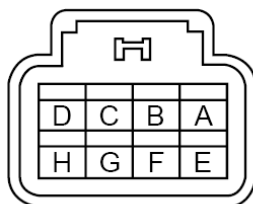
Fuel injector 2 harness connector (JL4G18-G) ED16 Fuel injector 3 harness connector (JL4G18-G) ED17 Fuel injector 4 harness connector (JL4G18-G) ED18



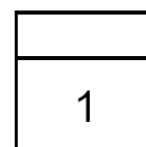
Intake pressure temperature sensor harness connector (JL4G18-G) ED19



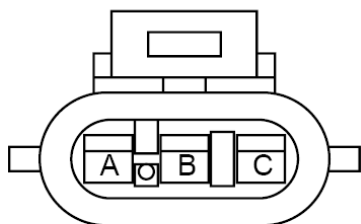
Electronic throttle harness connector (JL4G18-G) ED20



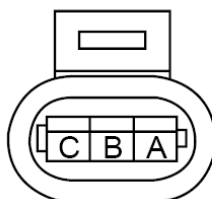
Power steering switch harness connector (JL4G18-G) ED21



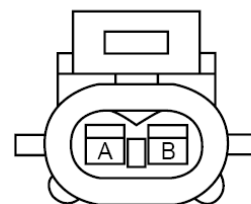
Camshaft position sensor harness connector (JL4G18-G) ED22



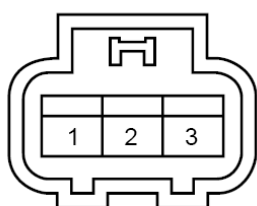
Ignition coil harness connector (JL4G18-G) ED23



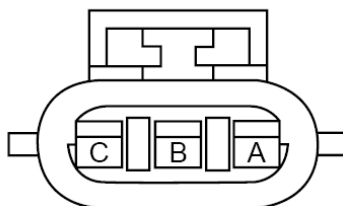
Canister solenoid valve harness connector (JL4G18-G) ED24



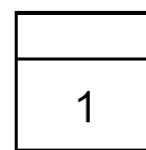
Engine coolant temperature sensor harness connector (JL4G18-G) ED25



Engine speed sensor harness connector (JL4G18-G) ED26



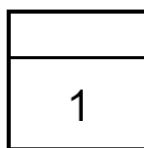
Starter harness connector (JL4G18-G) ED27



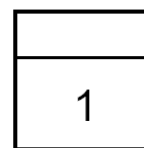
Starter magnet (JL4G18-G) ED28



Battery harness connector (JL4G18-G) ED29

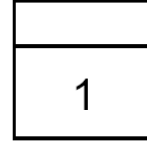
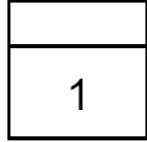
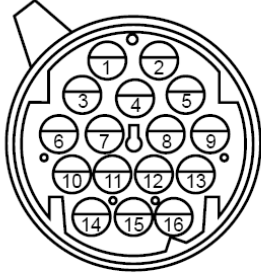


Battery harness 2 connector (JL4G18-G) ED30

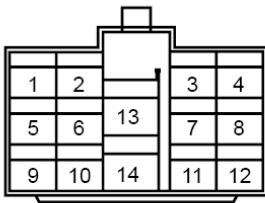


Terminal Diagram of Engine Harness Connector (CVT) (Continued 2)

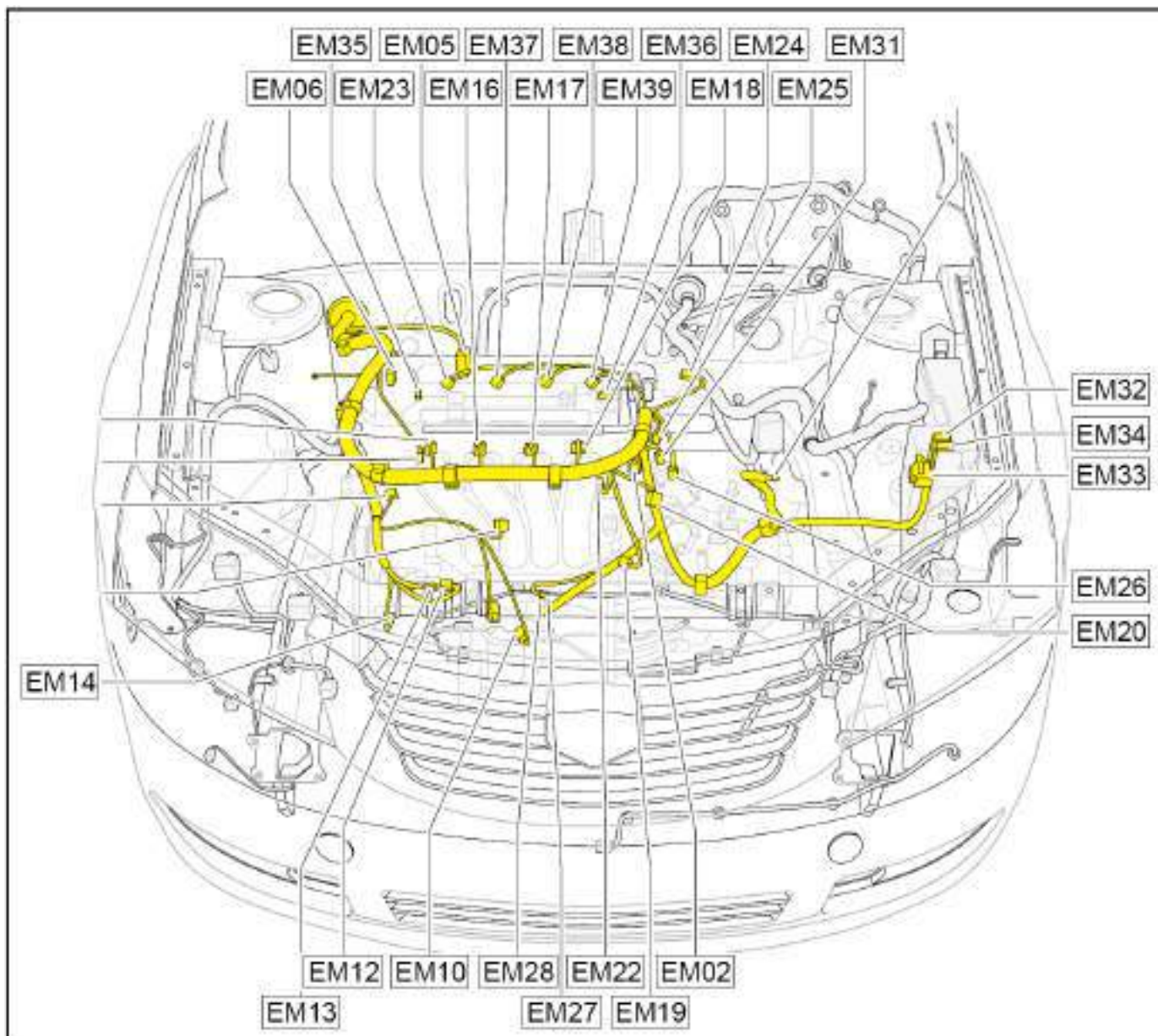
To transmission harness connector (JL4G18-G) ED31 To bonnet distribution box 1 (JL4G18-G) ED32 To bonnet distribution box 2 (JL4G18-G) ED33



To bonnet distribution box 3 (JL4G18-G) ED34



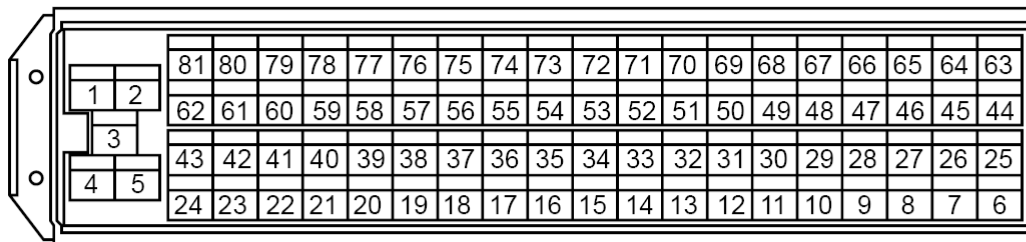
Engine Harness Layout (JL-4G15N)



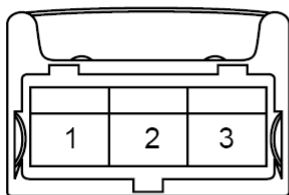
Harness connector	Name	Harness connector	Name
EM01	ECM harness connector (JL4G15-N)	EM22	Intake phase sensor harness connector (JL4G15-N)
EM02	Vehicle speed sensor harness connector (JL4G15-G)	EM23	Ignition coil 1 harness connector (JL4G15-N)
EM03	To instrument harness, harness connector (JL4G15-N)	EM24	Canister solenoid valve harness connector (JL4G15-N)
EM04	To instrument harness, harness connector (JL4G15-N)	EM25	Engine coolant temperature sensor harness connector (JL4G15-N)
EM05	Front oxygen sensor harness connector (JL4G15-N)	EM26	Engine speed sensor harness connector (JL4G15-N)
EM06	Rear oxygen sensor harness connector (JL4G15-N)	EM27	Starter harness connector (JL4G15-N)
EM09	Intake VVT solenoid valve harness connector (JL4G15-N)	EM28	Starter magnet (JL4G15-N)
EM10	Oil pressure sensor harness connector (JL4G15-N)	EM29	Battery 1 harness connector (JL4G15-N)
EM11	Shock sensor harness connector (JL4G15-N)	EM30	Battery 2 harness connector (JL4G15-N)
EM12	Alternator harness connector (JL4G15-N)	EM31	Reverse gear switch harness connector (JL4G15-N)
EM13	Alternator (connection piece) (JL4G15-N)	EM32	To bonnet distribution box 1 (JL4G15-N)
EM14	Compressor harness connector (JL4G15-N)	EM33	To bonnet distribution box 2 (JL4G15-N)
EM15	Fuel injector 1 harness connector (JL4G15-N)	EM34	To bonnet distribution box 3 (JL4G15-N)
EM16	Fuel injector 2 harness connector (JL4G15-N)	EM35	Exhaust VVT solenoid valve harness connector (JL4G15-N)
EM17	Fuel injector 3 harness connector (JL4G15-N)	EM36	Exhaust phase sensor harness connector (JL4G15-N)
EM18	Fuel injector 4 harness connector (JL4G15-N)	EM37	Ignition coil 2 harness connector (JL4G15-N)
EM19	Intake pressure temperature sensor harness connector (JL4G15-N)	EM38	Ignition coil 3 harness connector (JL4G15-N)
EM20	Electronic throttle harness connector (JL4G15-N)	EM39	Ignition coil 4 harness connector (JL4G15-N)
EM21	Power steering switch harness connector (JL4G15-N)		

Terminal Diagram of Engine Harness Connector (JL4G15-N)

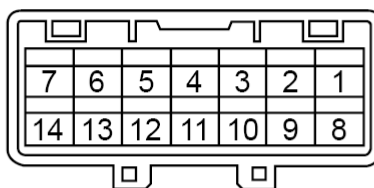
ECM harness connector EM01 (JL4G15-N)



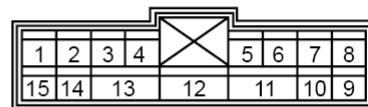
Vehicle speed sensor harness connector EM02 (JL4G15-G)



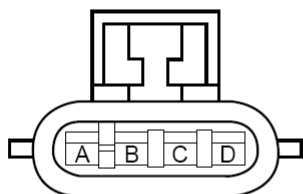
To instrument harness, harness connector EM03 (JL4G15-N)



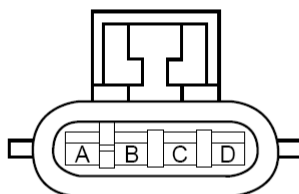
To instrument harness, harness connector EM04 (JL4G15-N)



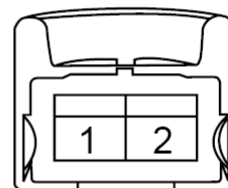
Front oxygen sensor harness connector EM05 (JL4G15-N)



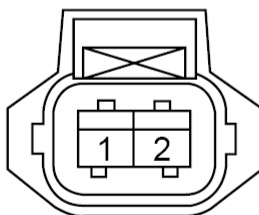
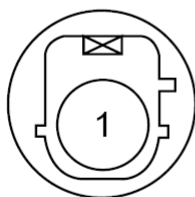
Rear oxygen sensor harness connector EM06 (JL4G15-N)



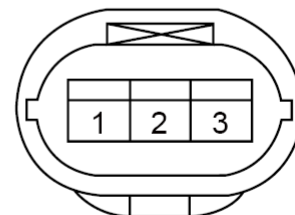
Intake VVT solenoid valve harness connector EM09 (JL4G15-N)



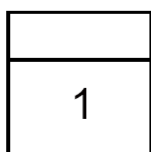
Oil pressure sensor harness connector EM10 (JL4G15-N) Shock sensor harness connector EM11 (JL4G15-N)



Alternator harness connector EM12 (JL4G15-N)



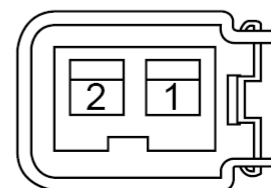
Alternator (connection piece) EM13 (JL4G15-N)



Compressor harness connector EM14 (JL4G15-N)

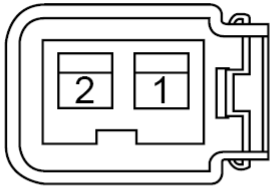
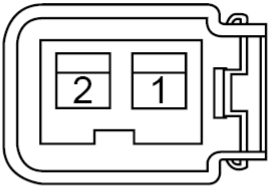
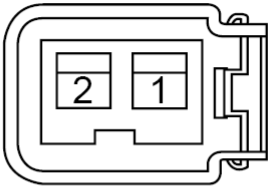


Fuel injector 1 harness connector EM15 (JL4G15-N)

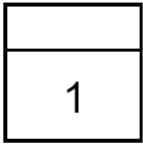
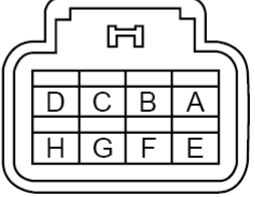
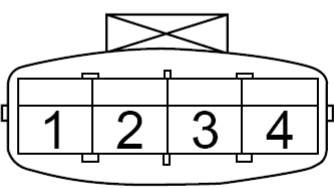


Terminal Diagram of Engine Harness Connector (JL4G15-N) (Continued 1)

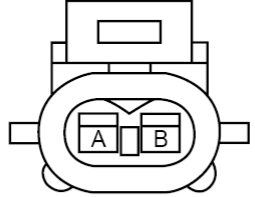
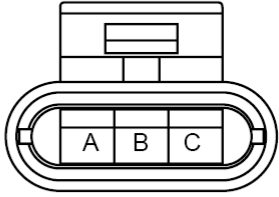
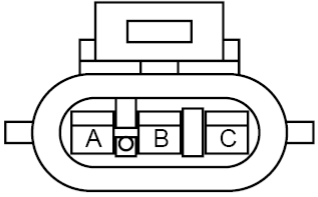
Fuel injector 2 harness connector EM16 (JL4G15-N) Fuel injector 3 harness connector EM17 (JL4G15-N) Fuel injector 4 harness connector EM18 (JL4G15-N)



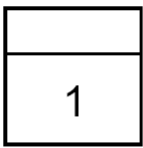
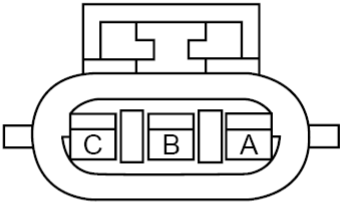
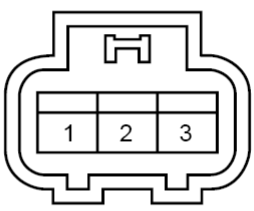
Intake pressure temperature sensor harness connector EM19 (JL4G15-N) Electronic throttle harness connector EM20 (JL4G15-N) Power steering switch harness connector EM21 (JL4G15-N)



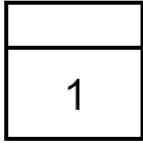
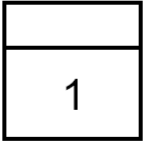
Intake phase sensor harness connector EM22 (JL4G15-N) Ignition coil 1 harness connector EM23 (JL4G15-N) Canister solenoid valve harness connector EM24 (JL4G15-N)



Engine coolant temperature sensor harness connector EM25 (JL4G15-N) Engine speed sensor harness connector EM26 (JL4G15-N) Starter harness connector EM27 (JL4G15-N)

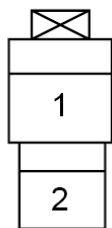


Starter magnet EM28 (JL4G15-N) Battery 1 harness connector EM29 (JL4G15-N) Battery 2 harness connector EM30 (JL4G15-N)



Terminal Diagram of Engine Harness Connector (JL4G15-N) (Continued 2)

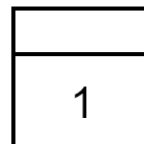
Reverse gear switch harness connector EM31 (JL4G15-N)



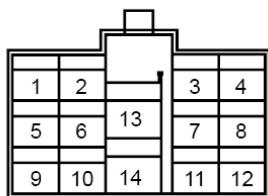
To bonnet distribution box 1 EM32 (JL4G15-N)



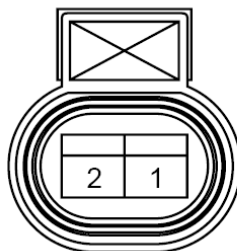
To bonnet distribution box 2 EM33 (JL4G15-N)



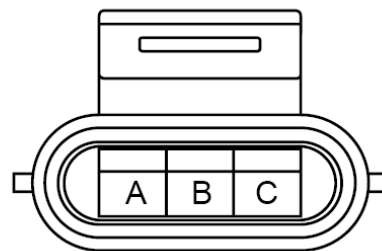
To bonnet distribution box 3 EM34 (JL4G15-N)



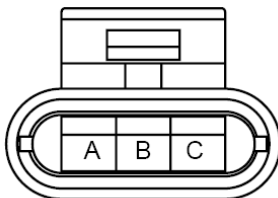
Exhaust VVT solenoid valve harness connector EM35 (JL4G15-N)



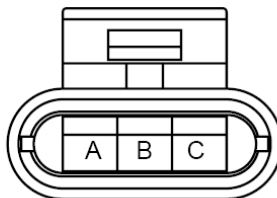
Exhaust phase sensor harness connector EM36 (JL4G15-N)



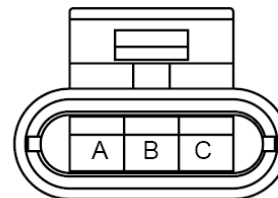
Ignition coil 2 harness connector EM37 (JL4G15-N)



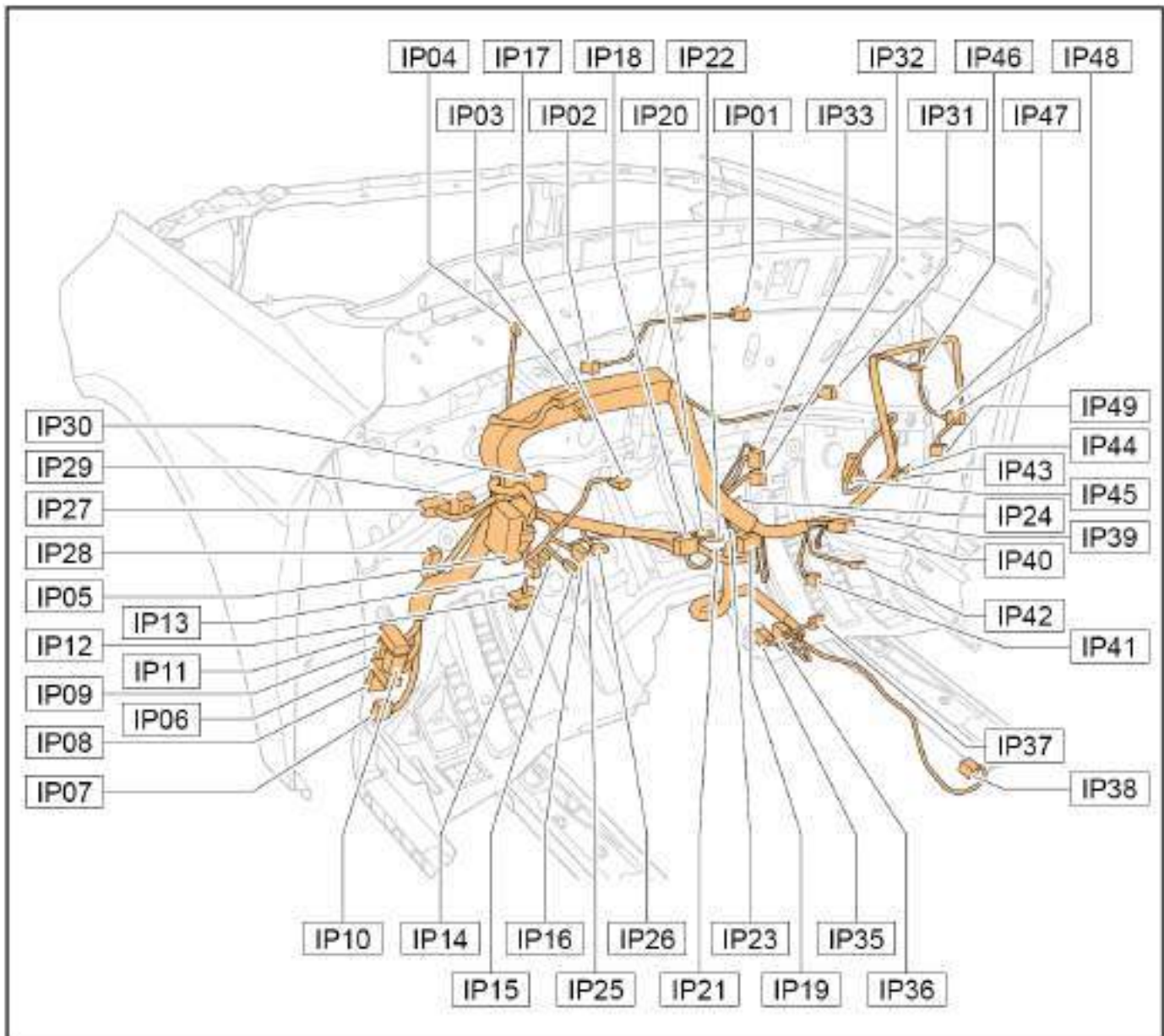
Ignition coil 3 harness connector EM38 (JL4G15-N)



Ignition coil 4 harness connector EM39 (JL4G15-N)



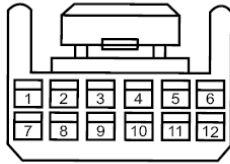
Layout of Instrument Panel Harness



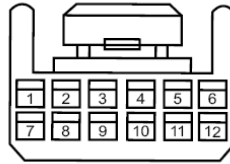
Harness connector	Name	Harness connector	Name
IP01	Multi-function instrument harness connector	IP26	Engine electronic anti-theft controller harness connector 2
IP02	Instrument cluster to multi-function instrument harness connector	IP27	Vehicle body control module 3 harness connector
IP03	Instrument cluster harness connector	IP28	Vehicle body control module 2 harness connector
IP04	Sunshine sensor harness connector	IP29	Vehicle body control module 1 harness connector
IP05	To indoor fuse and relay box harness connector	IP30	Brake lamp switch harness connector
IP06	To engine compartment harness connector	IP31	Danger alarm lamp switch harness connector
IP07	To engine compartment harness connector	IP32	Audio host machine 2 harness connector
IP08	To engine compartment harness connector	IP33	Audio host machine 1 harness connector
IP09	To roof harness connector	IP35	Airbag module 2 harness connector
IP10	To base plate harness connector	IP36	Airbag module 2 harness connector
IP11	To base plate harness connector	IP37	Cigarette lighter + lighting harness connector
IP12	Diagnosis interface harness connector	IP38	Tire pressure monitoring system harness connector
IP13	Instrument panel back light regulating switch harness connector	IP39	Indoor temperature sensor harness connector
IP14	Trunk opening switch harness connector	IP40	Air conditioner control module harness connector
IP15	Anti-theft indication lamp harness connector	IP41	Rear fog lamp switch harness connector
IP16	Headlamp regulating switch harness connector	IP42	Reserved power supply harness connector
IP17	Odometer switch harness connector	IP43	Glove box lamp switch harness connector
IP18	Light combination switch harness connector	IP44	Glove box lamp switch harness connector
IP19	Wiper combination switch harness connector	IP45	To air conditioner actuator harness connector
IP20	Clock spring 2 (driver airbag) harness connector	IP46	Passenger side airbag harness connector
IP21	Electronic anti-theft antenna harness connector	IP47	Glove box lamp harness connector
IP22	Clock spring 1 (horn switch) harness connector	IP48	To engine harness connector
IP23	Ignition switch harness connector	IP49	To base plate harness (RH) harness connector
IP24	Key reminding harness connector	IP56	Clutch switch harness connector (JL4G15-N)
IP25	Engine electronic anti-theft controller harness connector 1		

Terminal Diagram of Instrument Panel Harness Connectors

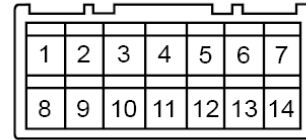
Multi-function instrument harness connector IP01



Instrument cluster to multi-function instrument harness connector IP01



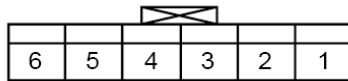
To roof harness connector IP09



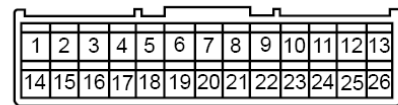
Instrument cluster harness connector IP03



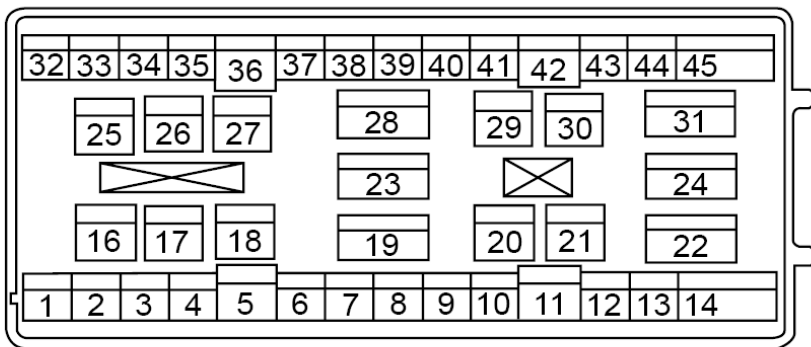
Sunshine sensor harness connector IP04



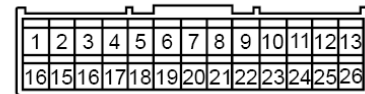
To base plate harness connector IP11



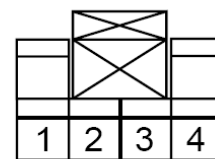
To indoor fuse and relay box harness connector IP05



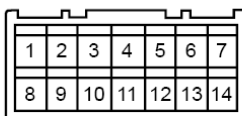
To engine compartment harness connector IP06



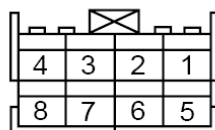
Instrument panel back light regulating switch harness connector IP13



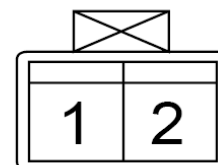
To engine compartment harness connector IP07



To engine compartment harness connector IP08

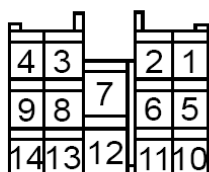


Anti-theft indication lamp harness connector IP15

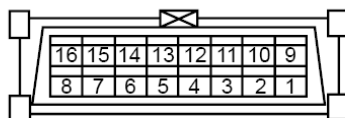


Terminal Diagram of Instrument Panel Harness Connectors (Continued 1)

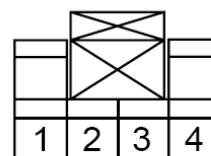
To base plate harness connector IP10



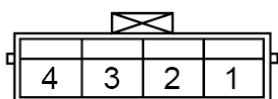
Diagnosis interface harness connector IP12



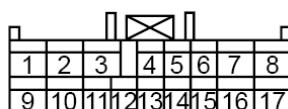
Trunk opening switch harness connector IP14



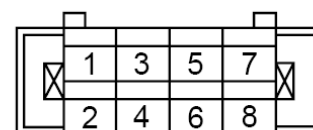
Odometer switch harness connector IP17



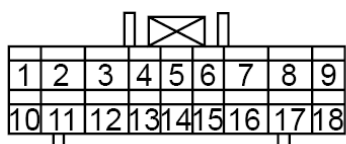
Light combination switch harness connector IP18



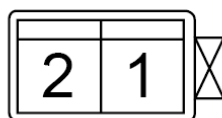
Engine electronic anti-theft controller harness connector IP25



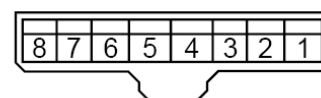
Wiper combination switch harness connector IP19



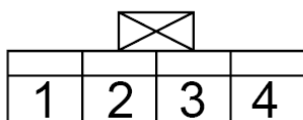
Clock spring 2 (driver airbag) harness connector IP20



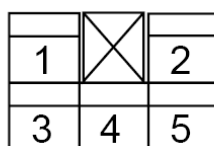
Vehicle body control module 3 harness connector IP27



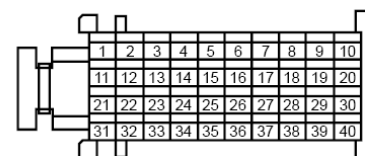
Electronic anti-theft antenna harness connector IP21



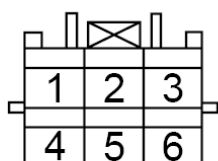
Clock spring 1 (horn switch) harness connector IP22



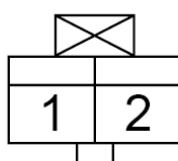
Vehicle body control module 1 harness connector IP29



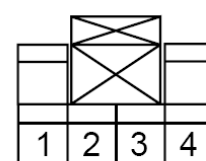
Ignition switch harness connector IP23



Key reminding harness connector IP24

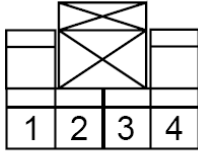


Danger alarm lamp switch harness connector IP31

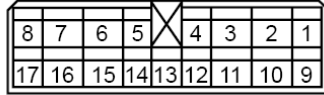


Terminal Diagram of Instrument Panel Harness Connectors (Continued 2)

Headlamp regulating switch harness connector IP16



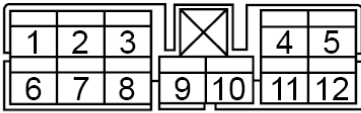
Vehicle body control module 2 harness connector IP128



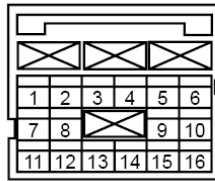
Engine electronic anti-theft controller harness connector 2 IP126



Audio host machine 1 harness connector IP33



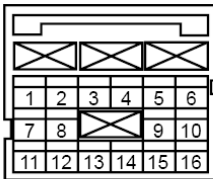
Airbag module 2 harness connector IP35



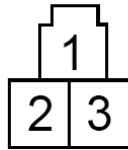
Reserved power supply harness connector IP42



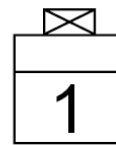
Airbag module 2 harness connector IP36



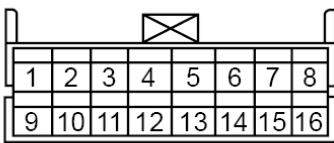
Cigarette lighter + lighting harness connector IP37



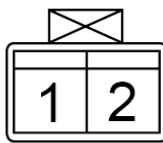
Glove box lamp switch harness connector IP44



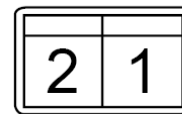
Tire pressure monitoring system harness connector IP38



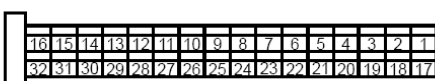
Indoor temperature sensor harness connector IP39



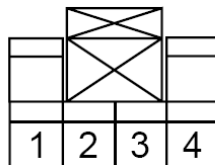
Crew side airbag harness connector IP346



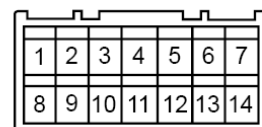
Air conditioning control module harness connector IP40



Rear fog lamp switch harness connector IP41

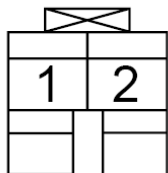


To engine harness connector IP48

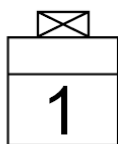


Terminal Diagram of Instrument Panel Harness Connectors (Continued 3)

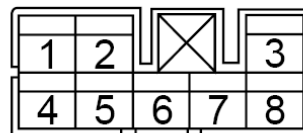
Brake lamp switch harness connector IP30



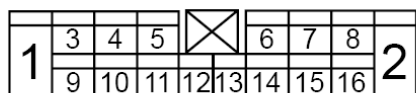
Glove box lamp switch harness connector IP43



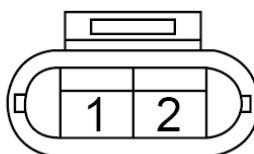
Audio host machine 2 harness connector IP32



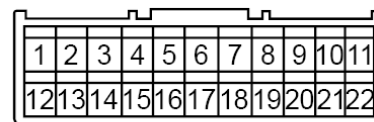
To air conditioning actuator harness connector IP45



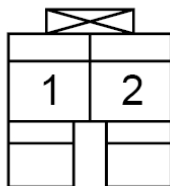
Glove box lamp switch harness connector IP47



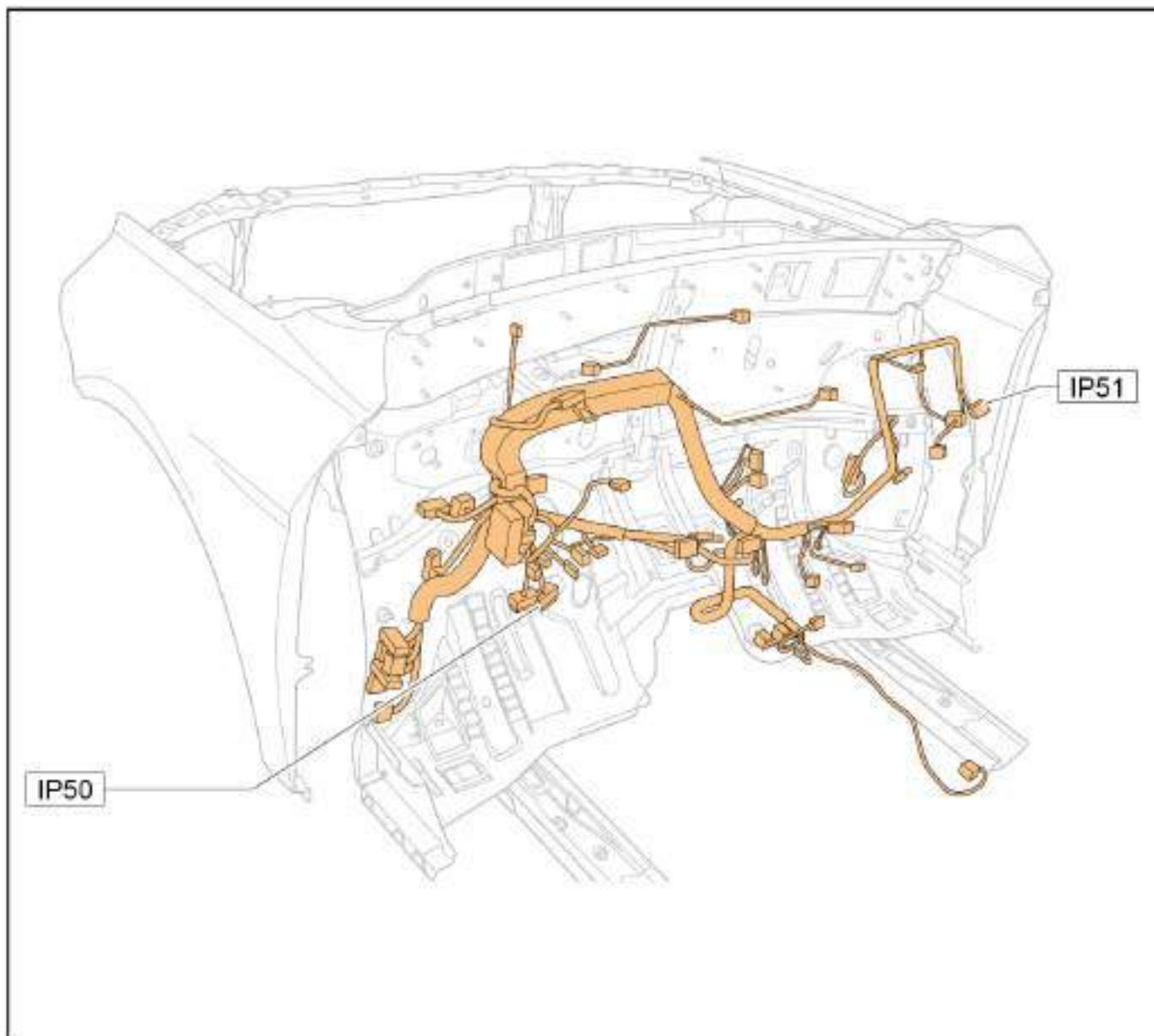
To base plate harness (RH) harness connector IP49



Clutch switch harness connector IP56



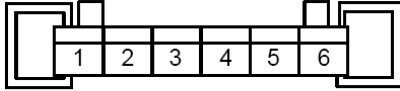
Layout of Instrument Panel Harness (JL4G15-G)



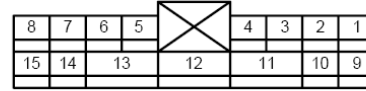
Harness connector	Name	Harness connector	Name
IP50	To accelerator pedal position sensor (JL4G15-G)	IP51	To engine harness (JL4G15-G)

Instrument Panel Harness Connector Terminals Diagram (JL4G15-G)

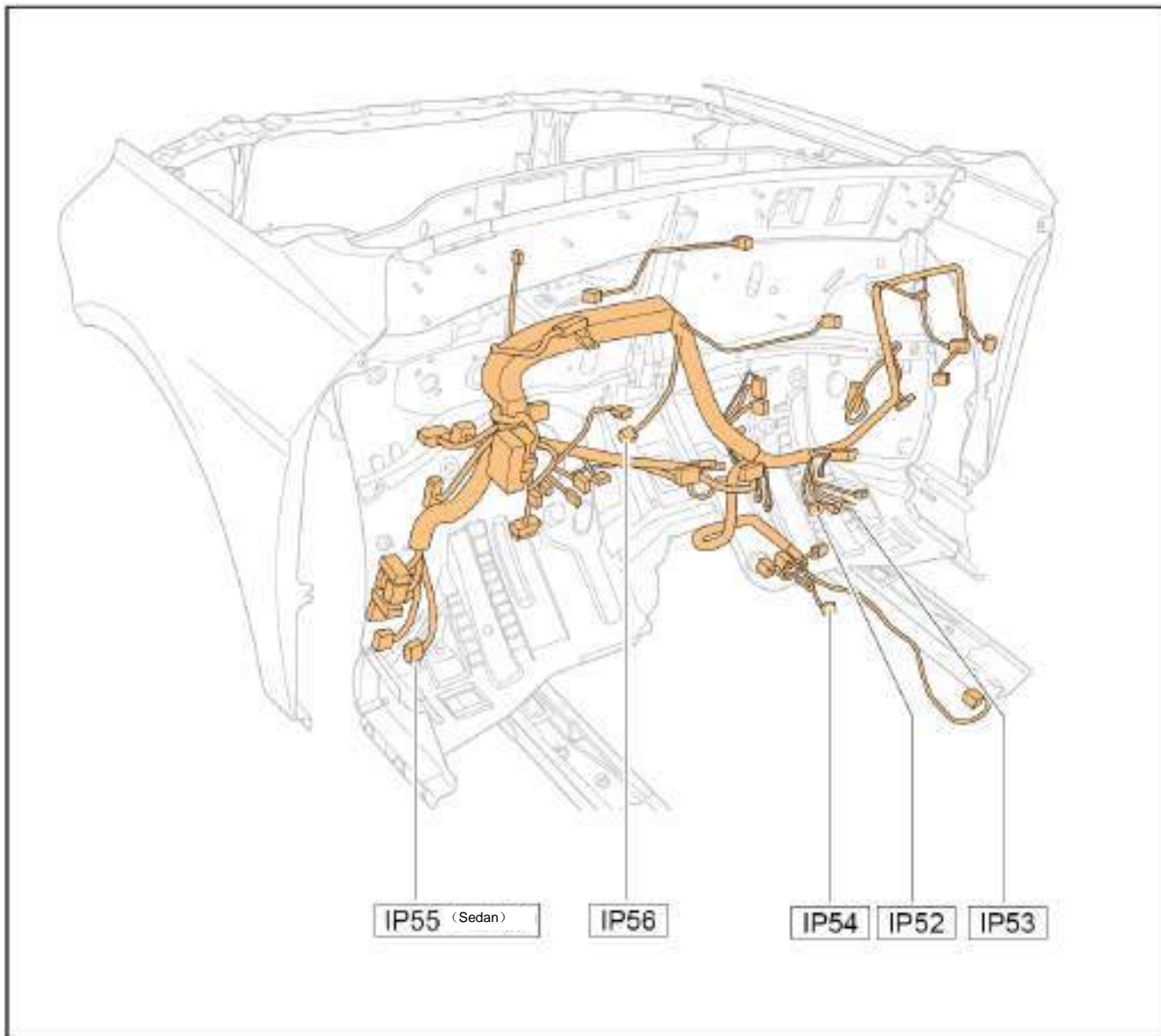
To accelerator pedal position sensor (JL4G15-G) IP50



To engine harness (JL4G15-G) IP51



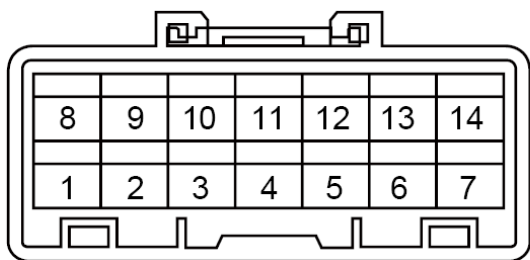
Instrument Panel Harness Layout (CVT)



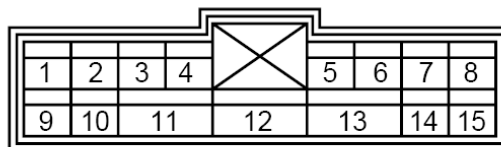
Harness connector	Name	Harness connector	Name
IP52	To base plate harness, harness connector	IP55	Air cleaner switch harness connector (sedan)
IP53	To engine harness (2) harness connector	IP56	To engine compartment harness, harness connector
IP54	BMBS switch harness connector	IP57	Brake lamp switch harness connector

Instrument panel harness connector terminals diagram (CVT)

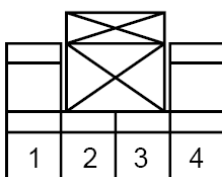
To base plate harness, harness connector IP52



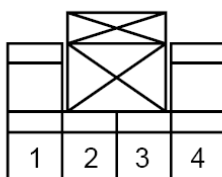
To engine harness harness connector (CVT) IP53



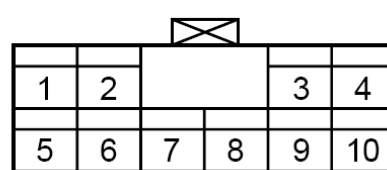
BMBS switch harness connector IP54



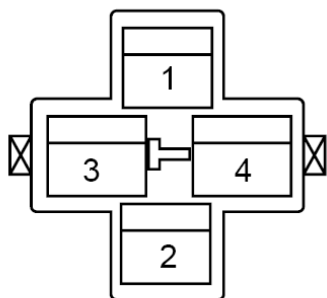
Air cleaner switch harness connector (sedan car) IP55



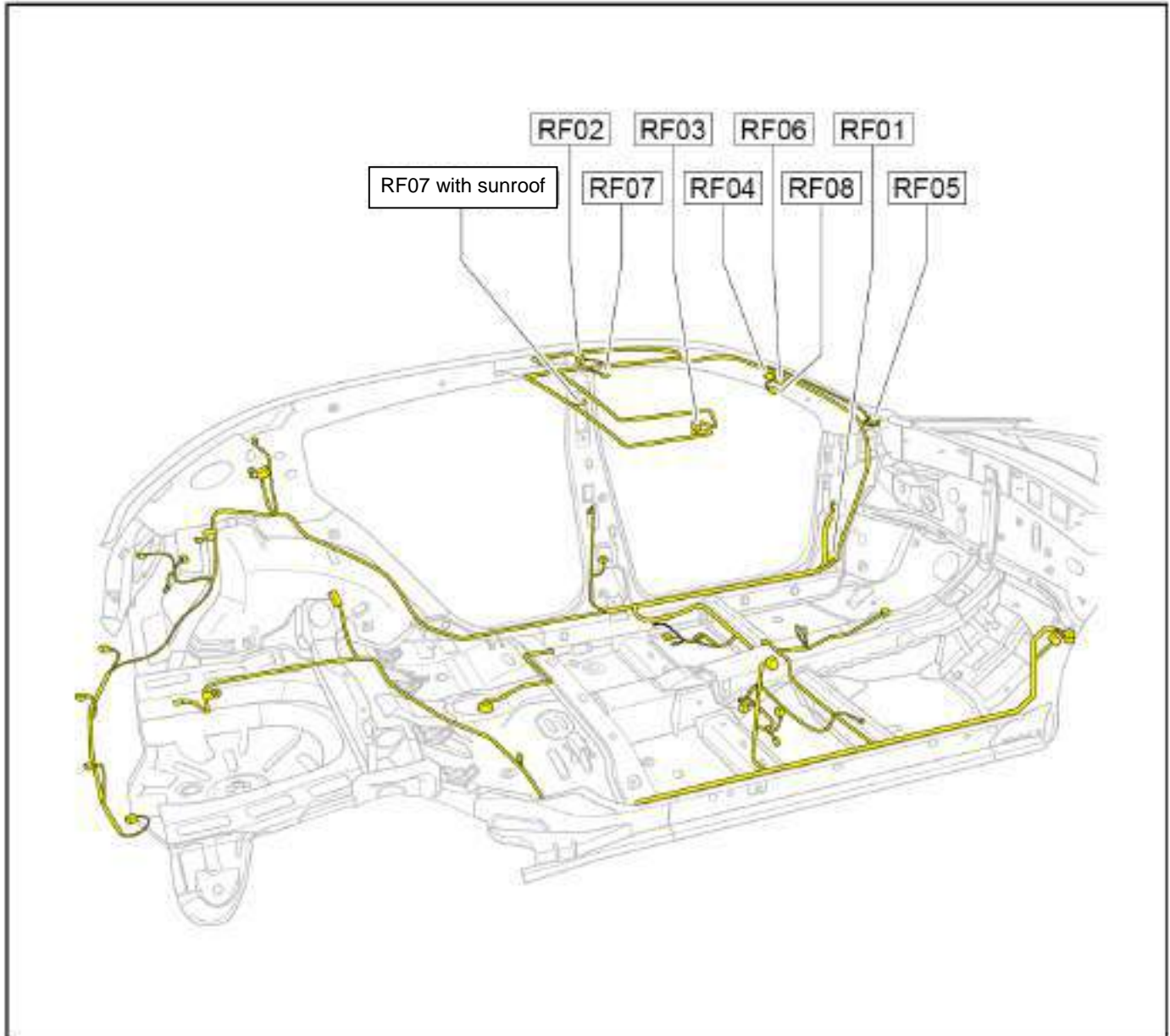
To engine compartment harness, harness connector IP56



Brake lamp switch harness connector (CVT) IP57



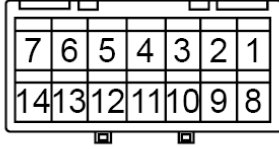
Roof Harness Layout



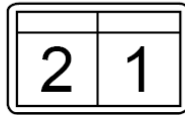
Harness connector	Name	Harness connector	Name
RF01	To instrument harness connector	RF06	Indoor lamp + sunroof switch harness connector
RF02	Driver side air curtain harness connector	RF07	Middle ceiling lamp harness connector
RF03	Passenger side air curtain harness connector	RF07 (with sunroof)	Middle ceiling lamp harness connector
RF04	Driver side cosmetic mirror lamp harness connector	RF08	Sunroof module harness connector
RF05	Passenger side cosmetic mirror lamp harness connector		

Roof Harness Connector Terminals Diagram

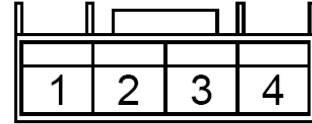
To instrument harness connector RF01



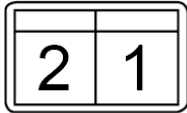
Driver side air curtain harness connector RF02



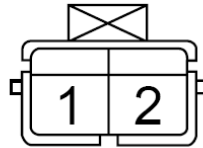
Middle ceiling lamp harness connector RF07



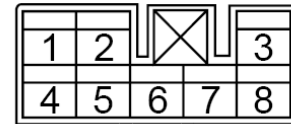
Passenger side air curtain harness connector RF03



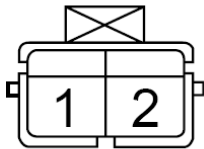
Passenger r side cosmetic mirror lamp harness connector RF04



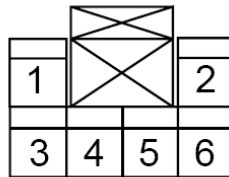
Sunroof module harness connector RF08



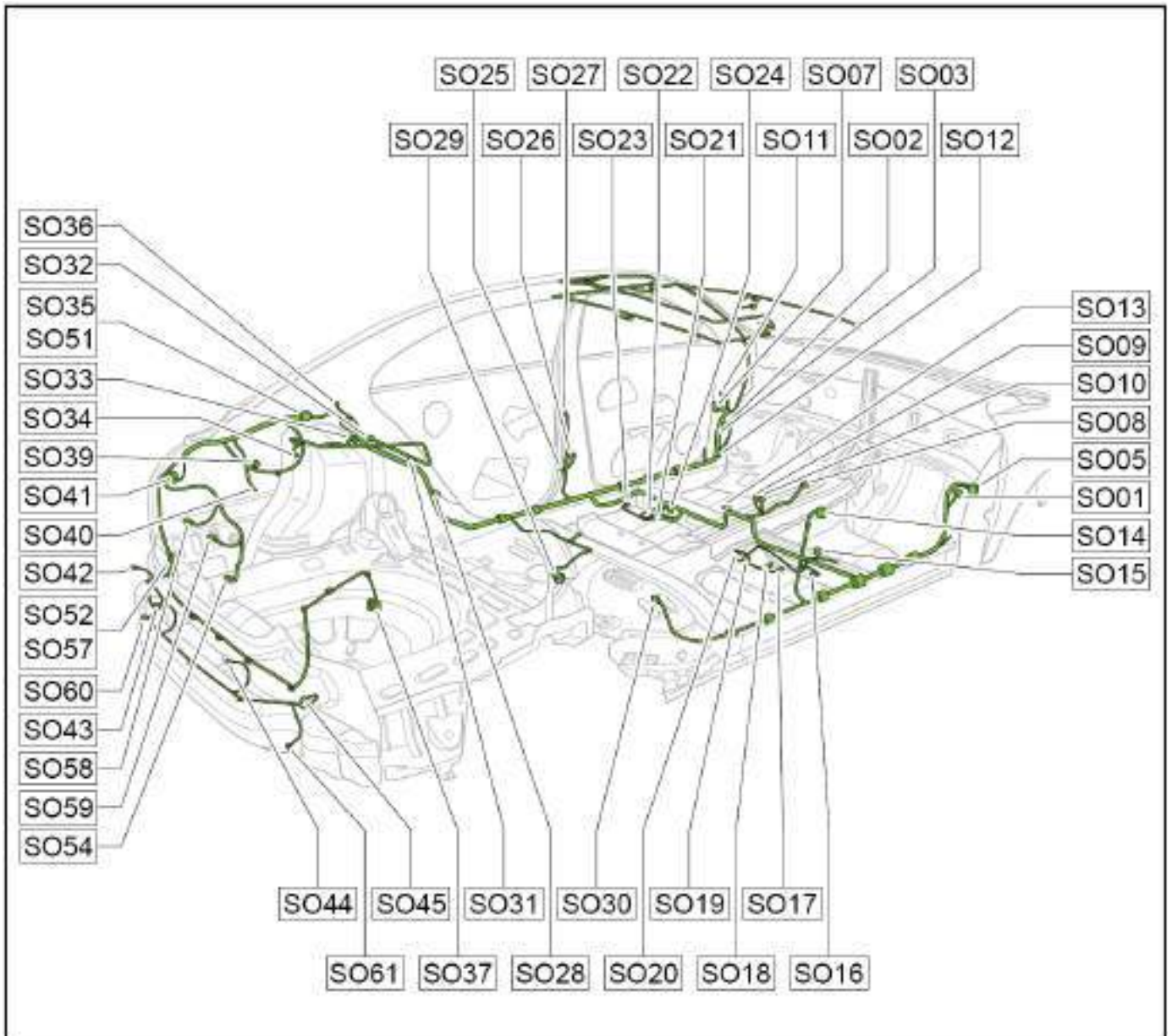
Passenger side cosmetic mirror lamp harness connector RF05



Indoor lamp + sunroof switch harness connector RF06



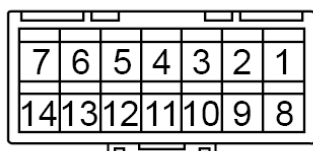
Base Plate Harness Layout (sedan)



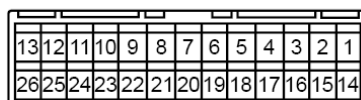
Harness connector	Name	Harness connector	Name
SO01	To instrument harness connector	SO28	L.R. wheel speed sensor harness connector
SO02	To instrument harness connector	SO29	Fuel pump harness connector
SO03	To instrument harness connector	SO30	R.R. wheel speed sensor harness connector
SO05	To R.F. door harness connector	SO31	R.R. speaker harness connector
SO07	To L.F. door harness connector	SO32	L.R. speaker harness connector
SO08	Airbag module 2 harness connector	SO33	High position brake lamp harness connector (sedan)
SO09	L.F. seat heating switch harness connector	SO34	Trunk lamp harness connector
SO10	R.F. seat heating switch harness connector	SO35	To trunk harness connector (sedan)
SO11	To indoor fuse and relay box harness connector	SO36	Rear defrosting device anode harness connector (sedan)
SO12	To bonnet harness connector	SO37	R.R. combination tail lamp harness connector
SO13	Parking brake switch harness connector	SO39	Anti-theft horn harness connector
SO14	To R.R. door harness connector	SO40	Reversing module harness connector
SO15	RH collision sensor harness connector	SO41	L.R. combination tail lamp harness connector
SO16	Passenger safety belt pre-tension harness connector	SO42	LH reversing radar sensor harness connector
SO17	Passenger side airbag harness connector	SO43	LH middle reversing radar sensor harness connector
SO18	Passenger identification sensor harness connector	SO44	RH middle reversing radar sensor harness connector
SO19	R.F. seat heater harness connector	SO45	RH reversing radar sensor harness connector
SO20	Passenger side safety belt switch harness connector	SO51	To base plate harness connector (sedan)
SO21	Driver side safety belt switch harness connector	SO52	To rear bumper harness connector (sedan)
SO22	L.F. seat harness connector	SO54	Trunk lock harness connector (sedan)
SO23	Driver side airbag harness connector	SO57	To trunk harness connector (sedan)
SO24	Electric window control unit harness connector (without anti-clamping)	SO58	LH license lamp harness connector (sedan)
SO25	Driver side safety belt pre-tensioner harness connector	SO59	RH license lamp harness connector (sedan)
SO26	Driver side collision sensor harness connector	SO60	L.R. fog lamp harness connector (sedan)
SO27	To L.R. door harness connector	SO61	R.R. fog lamp harness connector (sedan)

Base Plate Harness Connector Terminals Diagram (sedan)

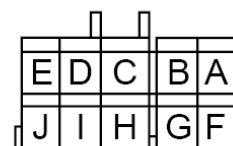
To instrument harness connector SO01



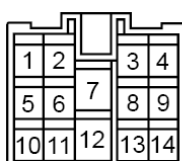
To instrument harness connector SO02



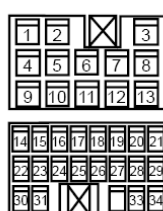
To indoor fuse and relay box harness connector SO11



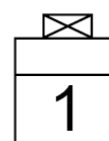
To instrument harness connector SO03



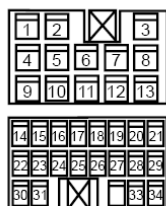
To R.F. door harness connector SO05



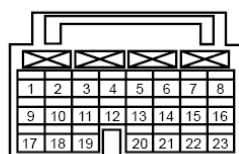
Parking brake switch harness connector SO13



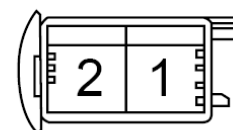
To L.F. door harness connector SO07



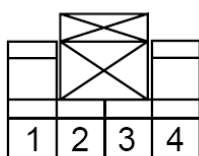
Airbag module 2 harness connector SO08



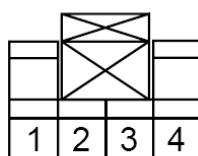
RH collision sensor harness connector SO15



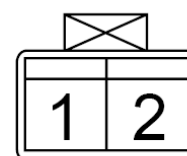
L.F. seat heating switch harness connector SO09



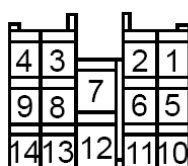
R.F. seat heating switch harness connector SO10



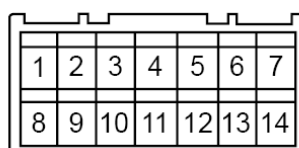
Passenger side airbag harness connector



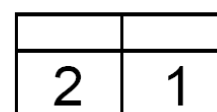
To bonnet harness connector SO12



To R.R. Door harness connector SO14

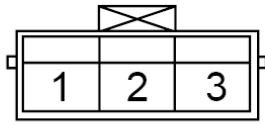


Passenger safety belt pre-tension harness connector SO16

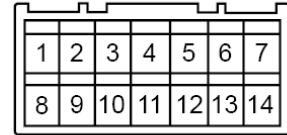
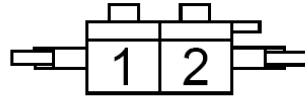


Base Plate Harness Connector Terminals Diagram (sedan) (continued 1)

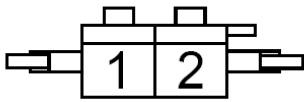
R.F. seat heater harness connector SO19



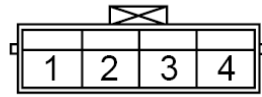
Passenger side safety belt switch harness connector SO20 To L.R. door harness connector SO27



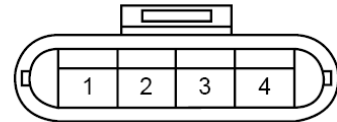
Driver side safety belt switch harness connector SO21



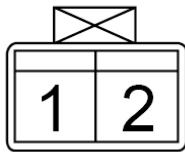
L.F. seat harness connector SO225



Fuel pump harness connector SO29



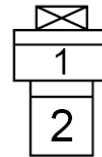
Driver side airbag harness connector SO23



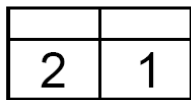
Electric window control unit harness connector (Without anti-clamping) SO24



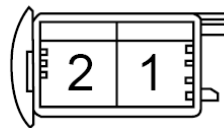
R.R. Speaker harness connector SO31



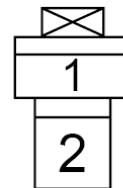
Driver side safety belt pre-tensioner harness connector SO25



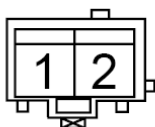
Driver side collision sensor harness connector SO26



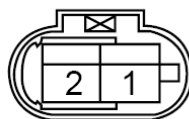
L.R. speaker harness connector SO32



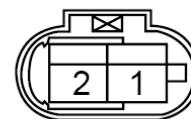
Crew identification sensor harness connector SO18



R.R. Wheel speed sensor harness connector r SO30

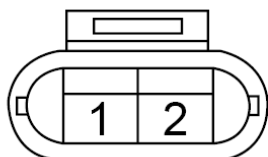


L.R. wheel speed sensor harness connector SO28

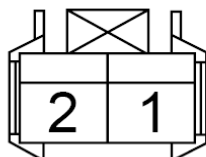


Base Plate Harness Connector Terminals Diagram (sedan) (continued 2)

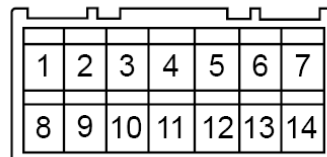
High position brake lamp harness connector (sedan) SO33



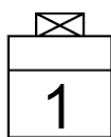
Trunk lamp harness connector SO34



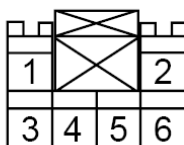
To trunk harness connector (sedan) SO35



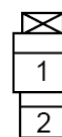
Rear defrosting device anode harness connector (sedan) SO36



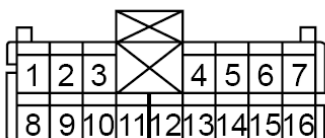
R.R. Combination tail lamp harness connector SO37



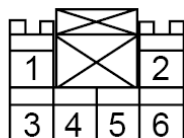
Anti-theft horn harness connector SO39



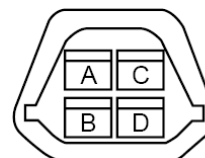
Reversing module harness connector SO40



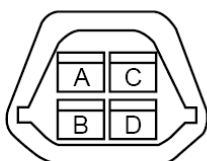
L.R. combination tail lamp harness connector SO41



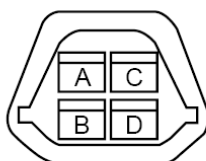
LH reversing radar sensor harness connector SO42



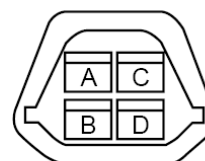
LH middle reversing radar sensor harness connector SO43



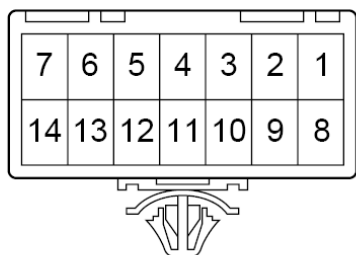
RH middle reversing radar sensor harness connector SO144



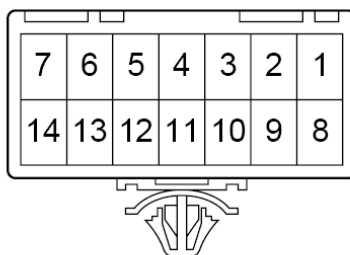
RH reversing radar sensor harness connector SO45



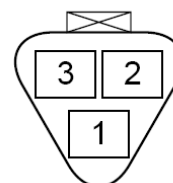
To base plate harness connector (sedan) SO51



To rear bumper harness connector (sedan) SO52

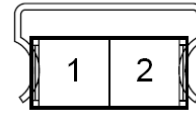
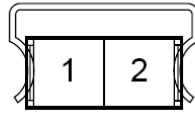
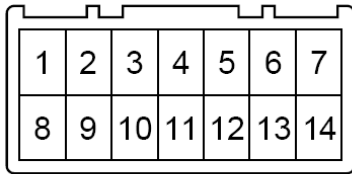


Trunk lock harness connector (sedan) SO54

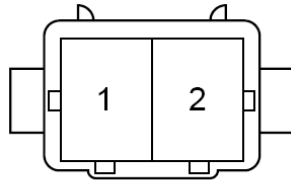
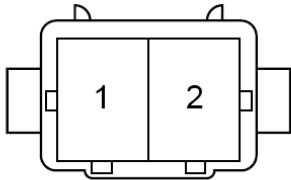


Base Plate Harness Connector Terminals Diagram (sedan) (continued 3)

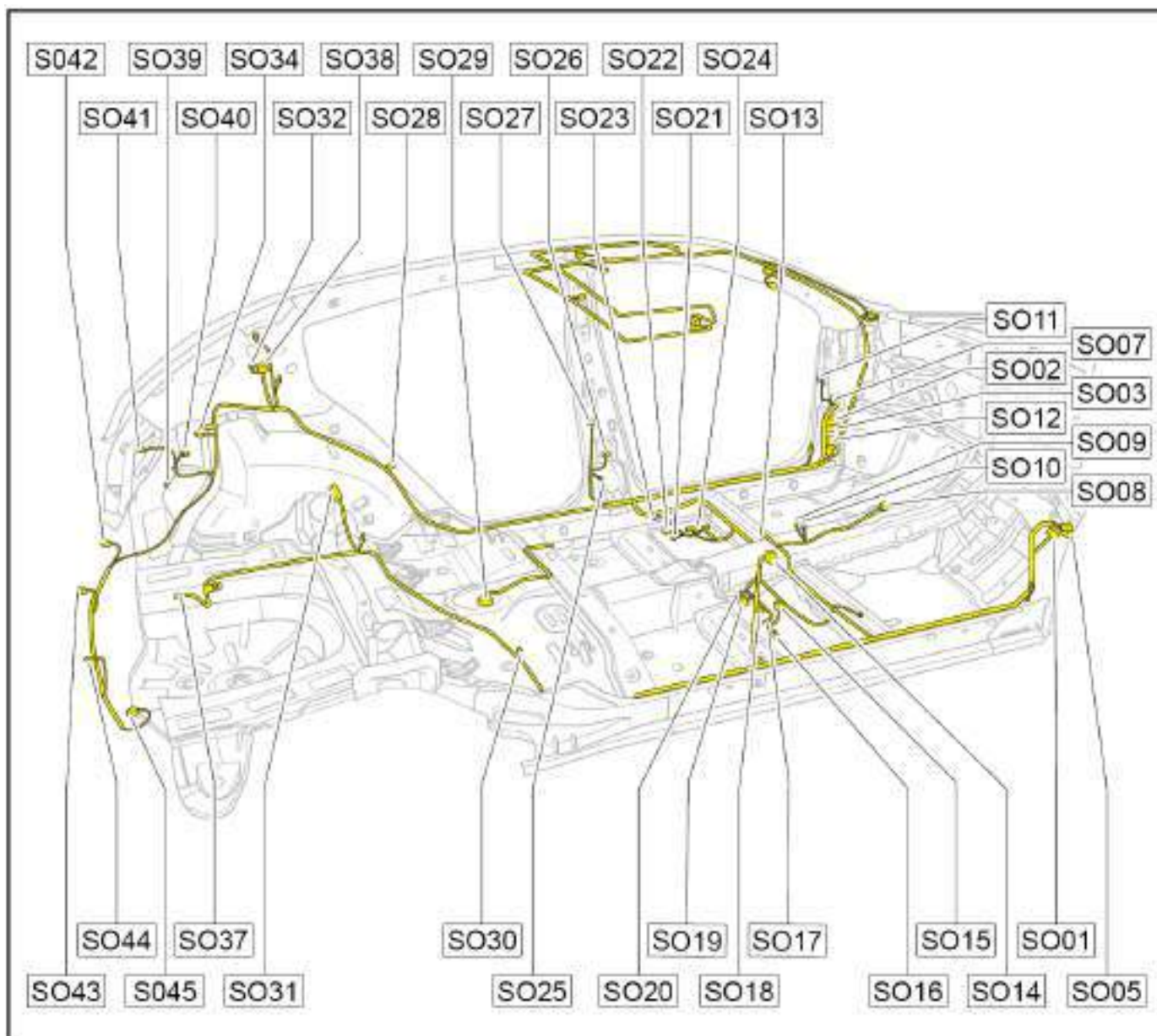
To trunk harness connector (sedan) SO57 LH license lamp harness connector (sedan) SO58 RH license lamp harness connector (sedan) SO59



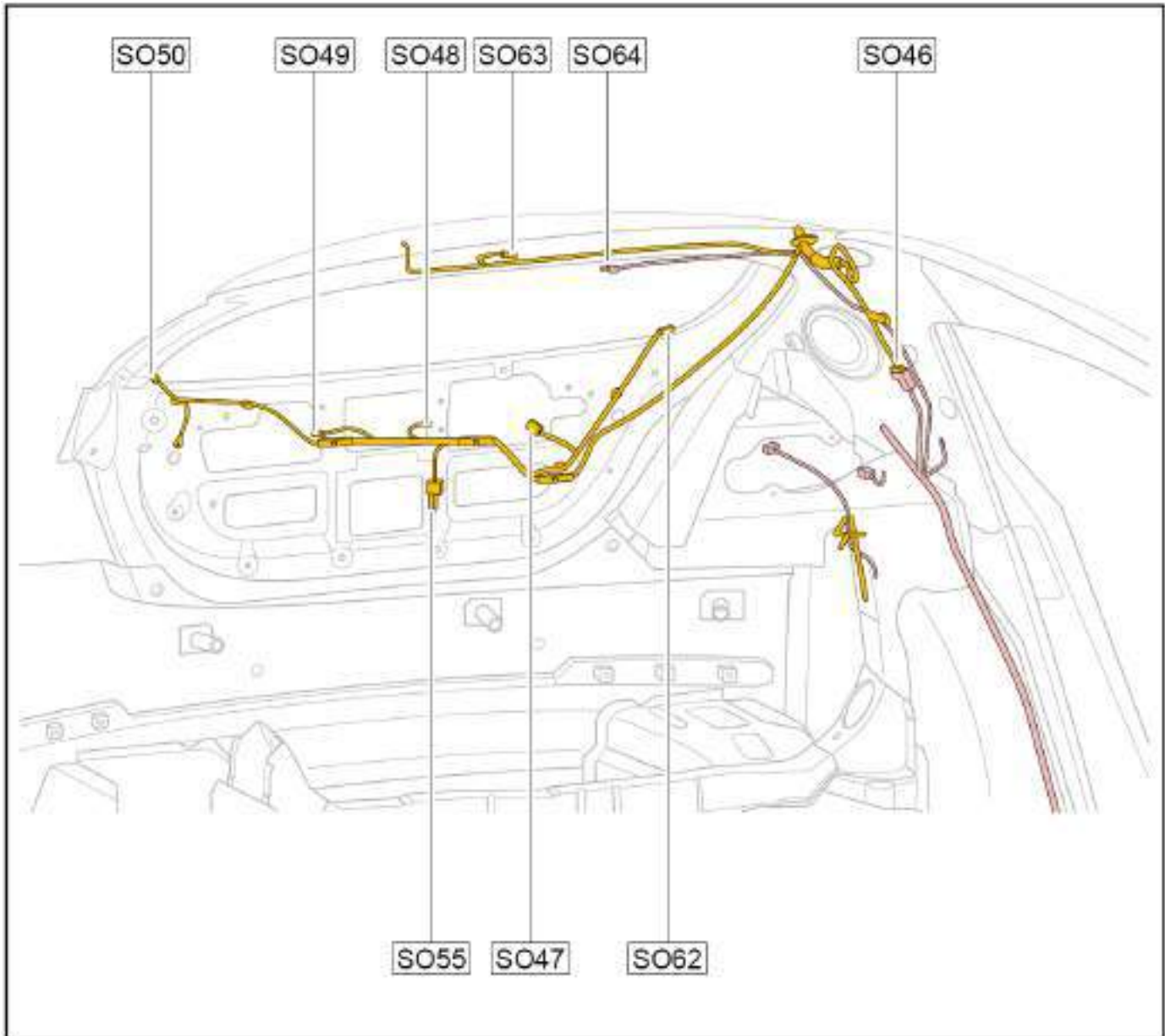
L.R. fog lamp harness connector (sedan) SO60 R.R. Fog lamp harness connector (sedan) SO61



Base Plate Harness Layout (hatchback)



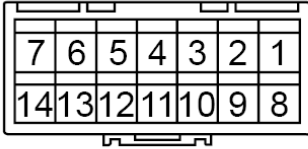
Base Plate Harness Layout (hatchback) (continued)



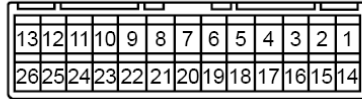
Harness connector	Name	Harness connector	Name
SO01	To instrument harness connector	SO28	L.R. wheel speed sensor harness connector
SO02	To instrument harness connector	SO29	Fuel pump harness connector
SO03	To instrument harness connector	SO30	R.R. wheel speed sensor harness connector
SO05	To R.F. door harness connector	SO31	R.R. speaker harness connector
SO07	To L.F. door harness connector	SO32	L.R. speaker harness connector
SO08	Airbag module 2 harness connector	SO34	Trunk lamp harness connector
SO09	L.F. seat heating switch harness connector	SO37	R.R. combination tail lamp harness connector
SO10	R.F. seat heating switch harness connector	SO38	To back door harness connector (hatchback)
SO11	To indoor fuse and relay box harness connector	SO39	Anti-theft horn harness connector
SO12	To bonnet harness connector	SO40	Reversing module harness connector
SO13	Parking brake switch harness connector	SO41	L.R. combination tail lamp harness connector
SO14	To R.R. door harness connector	SO42	LH reversing radar sensor harness connector
SO15	RH collision sensor harness connector	SO43	LH middle reversing radar sensor harness connector
SO16	Passenger safety belt pre-tension harness connector	SO44	RH middle reversing radar sensor harness connector
SO17	Passenger side airbag harness connector	SO45	RH reversing radar sensor harness connector
SO18	Passenger identification sensor harness connector	SO46	To base plate harness connector (hatchback)
SO19	R.F. seat heater harness connector	SO47	Rear wiper motor harness connector (hatchback)
SO20	Passenger side safety belt switch harness connector	SO48	LH license lamp harness connector (hatchback)
SO21	Driver side safety belt switch harness connector	SO49	RH license lamp harness connector (hatchback)
SO22	L.F. seat harness connector	SO50	Rear defrosting device cathode harness connector (hatchback)
SO23	Driver side airbag harness connector	SO55	Rear trunk lock harness connector (hatchback)
SO24	Electric window control unit harness connector (without anti-clamping)	SO62	Rear defrosting device anode harness connector (hatchback)
SO25	Driver side safety belt pre-tensioner harness connector	SO63	High position brake lamp harness connector (hatchback)
SO26	Driver side collision sensor harness connector	SO64	Antenna power supply (hatchback)
SO27	To L.R. door harness connector		

Base Plate Harness Connector Terminals Diagram (hatchback)

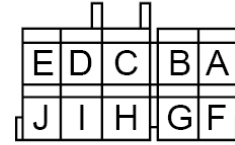
To instrument harness connector SO01



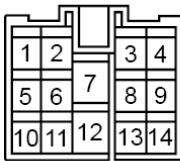
To instrument harness connector SO02



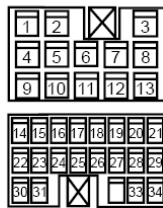
To indoor fuse and relay box harness connector SO11



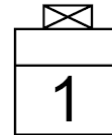
To instrument harness connector SO03



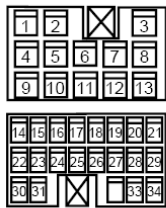
To R.F. door harness connector SO05



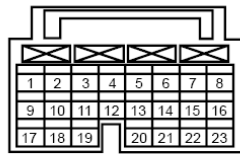
Parking brake switch harness connector SO13



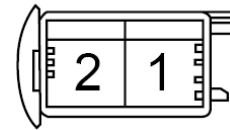
To L.F. door harness connector SO07



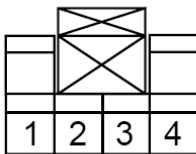
Airbag module 2 harness connector SO08



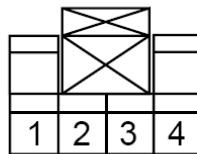
RH collision sensor harness connector SO15



L.F. seat heating switch harness connector SO09



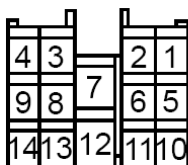
R.F. seat heating switch harness connector SO10



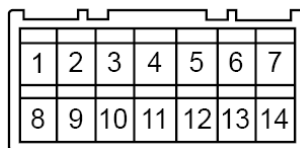
Passenger side airbag harness connector SO17



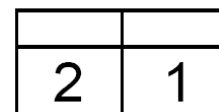
To bonnet harness connector SO12



To R.R. Door harness connector SO14

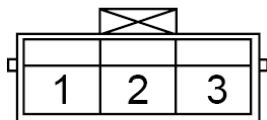


Passenger safety belt pre-tension harness connector SO16

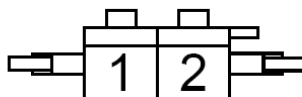


Base Plate Harness Connector Terminals Diagram (hatchback) (continued 1)

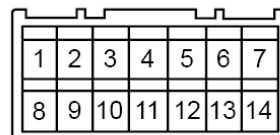
R.F. seat heater harness connector SO19



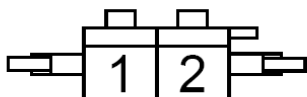
Passenger side safety belt switch harness connector SO20



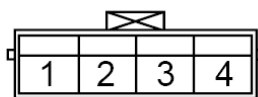
To L.R. door harness connector SO27



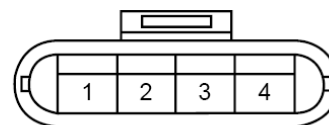
Passenger side safety belt switch harness connector SO21



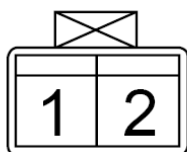
L.F. seat harness connector SO22



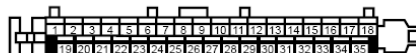
Fuel pump harness connector SO29



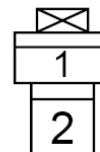
Driver side airbag harness connector SO23



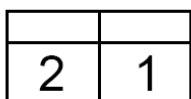
Electric window control unit harness connector (without anti-clamping) SO24



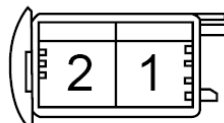
R.R. Speaker harness connector SO31



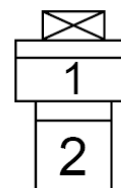
Driver side safety belt pre-tensioner harness connector SO25



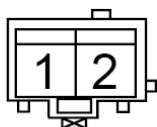
Driver side collision sensor harness connector SO26



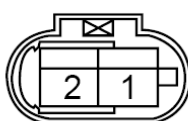
L.R. speaker harness connector SO32



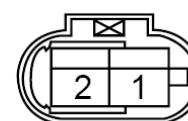
Passenger identification sensor harness connector SO18



R.R. Wheel speed sensor harness connector SO30

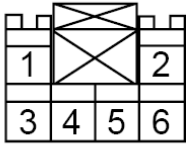


L.R. wheel speed sensor harness connector SO28

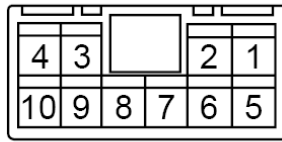


Base Plate Harness Connector Terminals Diagram (hatchback) (continued 2)

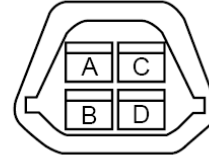
R.R. Combination tail lamp harness connector SO37



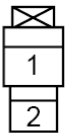
To back door harness connector (hatchback) SO380



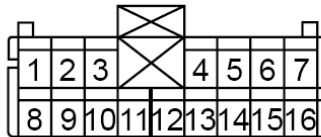
LH reversing radar sensor harness connector SO42



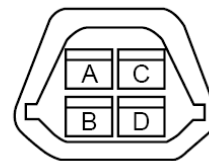
Anti-theft horn harness connector SO39



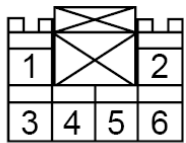
Reversing module harness connector SO40



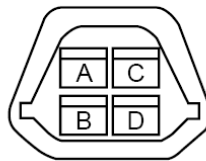
RH middle reversing radar sensor harness connector SO44



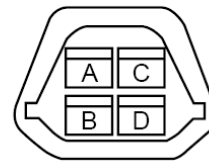
L.R. combination tail lamp harness connector SO41



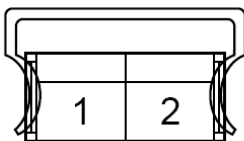
LH middle reversing radar sensor harness connector SO43



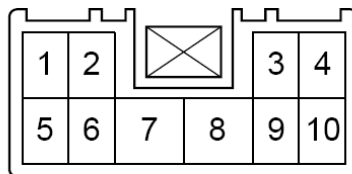
RH reversing radar sensor harness connector SO45



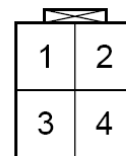
Trunk lamp harness connector SO34



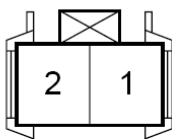
To base plate harness connector (hatchback) SO46



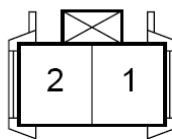
Rear wiper motor harness connector (hatchback) SO47



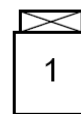
LH license lamp harness connector (hatchback) SO48



RH license lamp harness connector (hatchback) SO49



Rear defrosting device cathode harness connector (hatchback) SO50

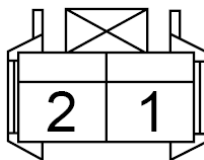


Base Plate Harness Connector Terminals Diagram (hatchback) (continued 3)

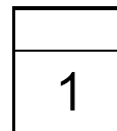
Rear defrosting device anode harness connector (hatchback) SO62



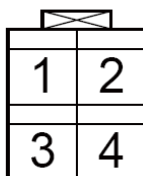
High position brake lamp harness connector (hatchback) SO63



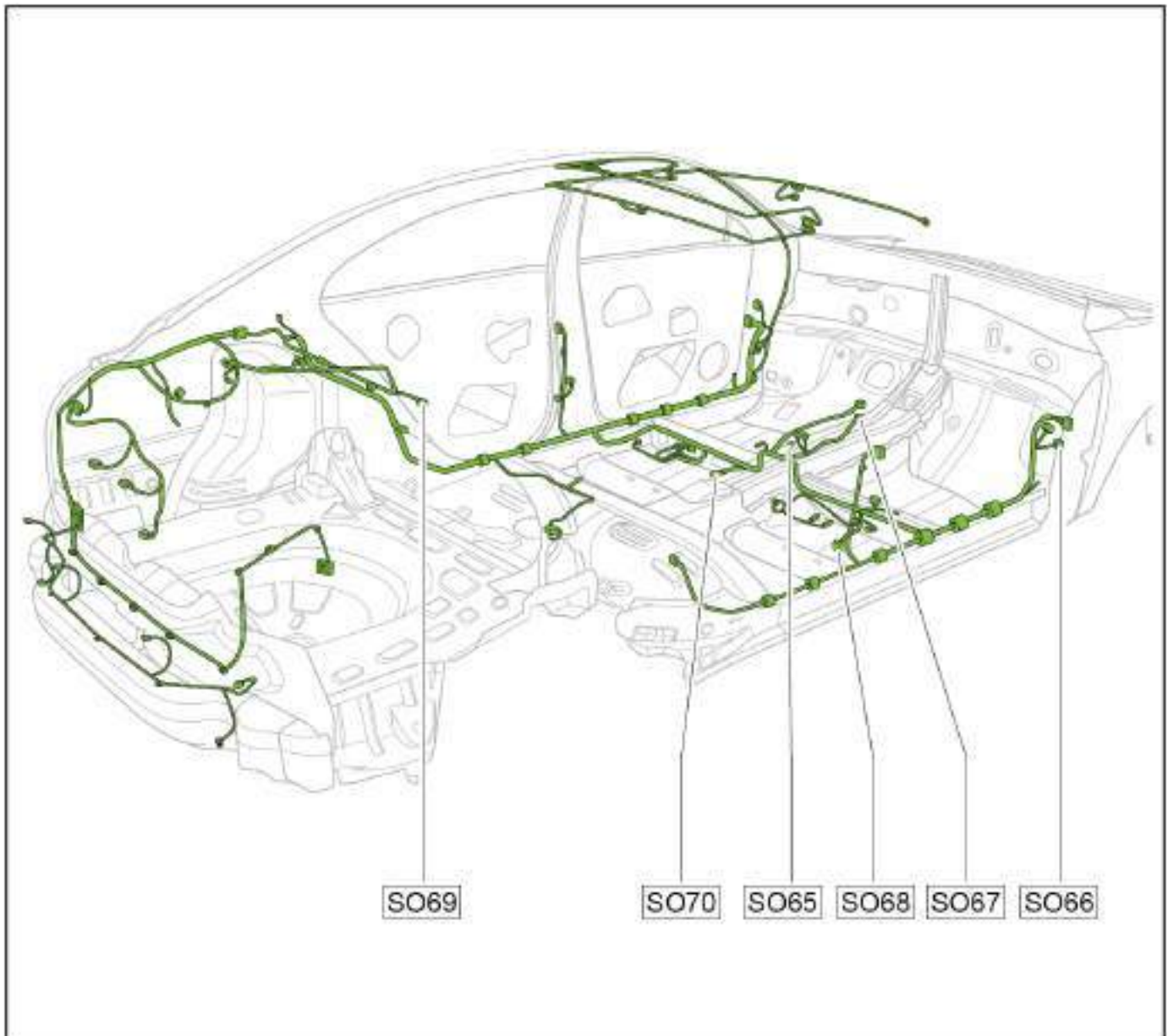
Antenna power supply (hatchback) SO64



Rear trunk lock harness connector (hatchback) SO55



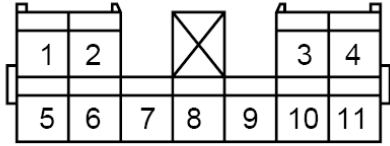
Base Plate Harness Layout (sedan) (CVT)



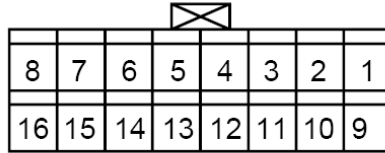
Harness connector	Name	Harness connector	Name
SO65	To gearshifter harness connector	SO68	Automatic transmission controller harness connector
SO66	To engine harness, harness connector	SO69	Air cleaner harness connector
SO67	To instrument harness, harness connector	SO70	BMBS controller harness connector

Base Plate Harness Connector Terminals Diagram (sedan) (CVT)

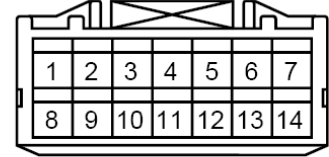
To gearshifter harness connector SO65



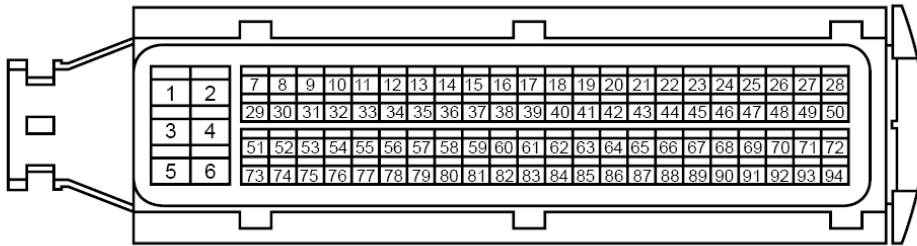
To engine harness, harness connector SO66



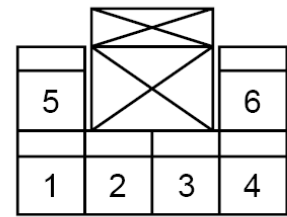
To instrument harness, harness connector SO67



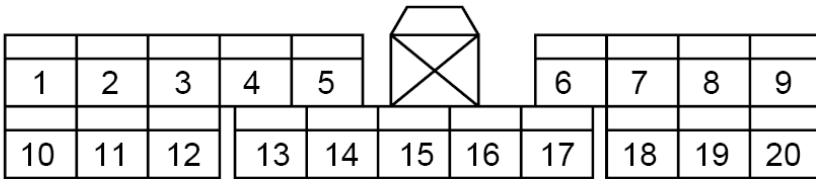
Automatic transmission controller harness connector SO68



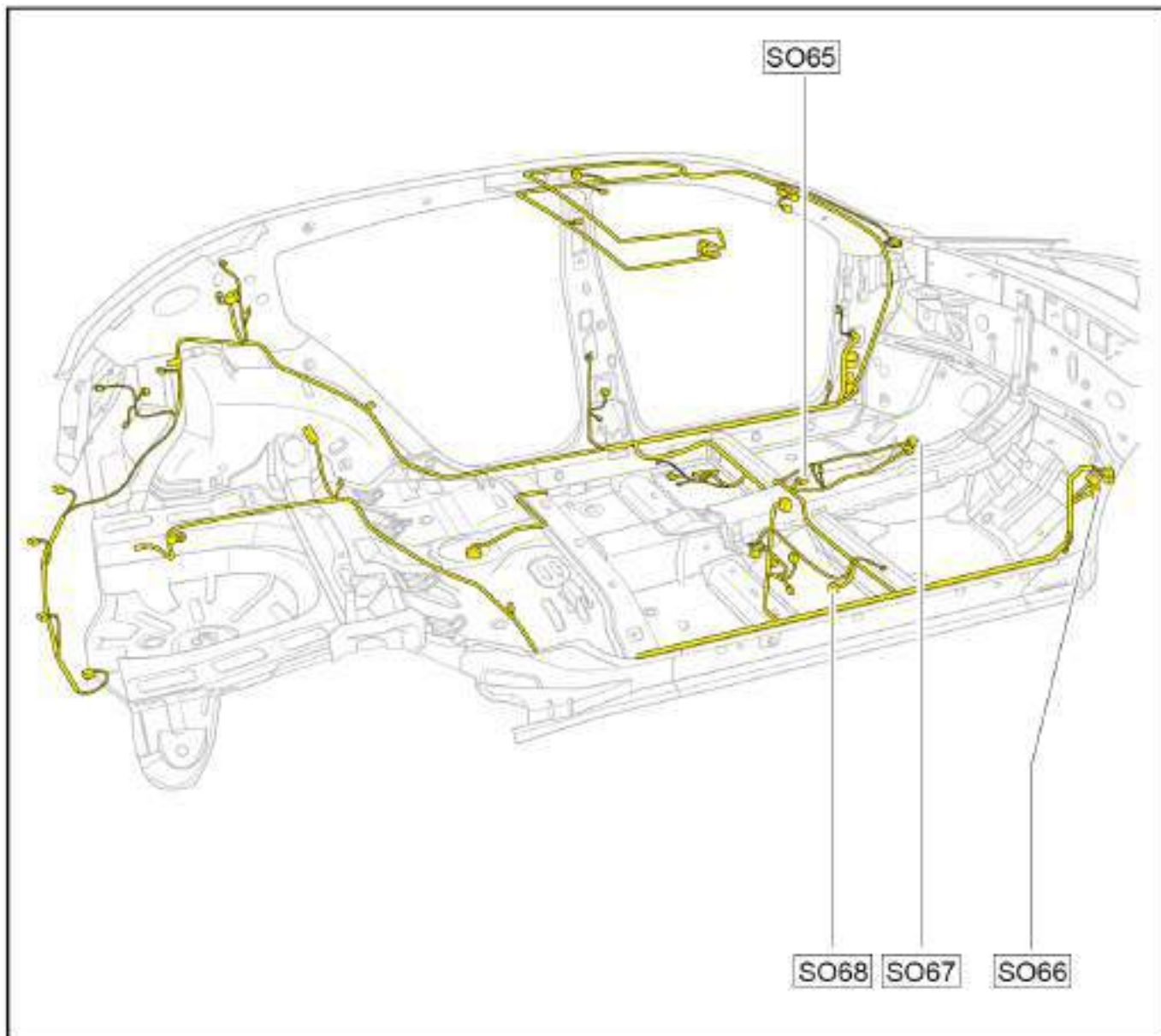
Air cleaner harness connector SO69



BMBS controller harness connector SO70



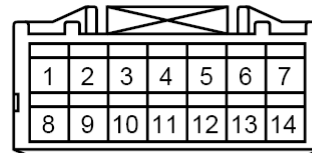
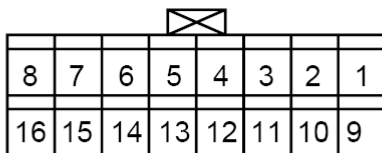
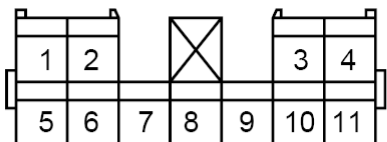
Base Plate Harness Layout (hatchback) (CVT)



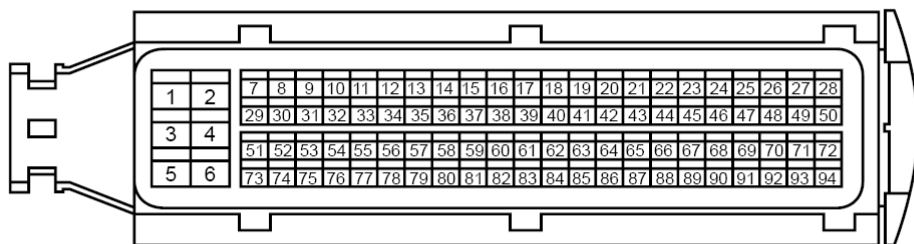
Harness connector	Name	Harness connector	Name
SO65	To gearshifter harness connector	SO66	To engine harness, harness connector
SO67	To instrument panel harness, harness connector	SO68	Automatic transmission controller harness connector

Base Plate Harness Connector Terminals Diagram (hatchback) (CVT)

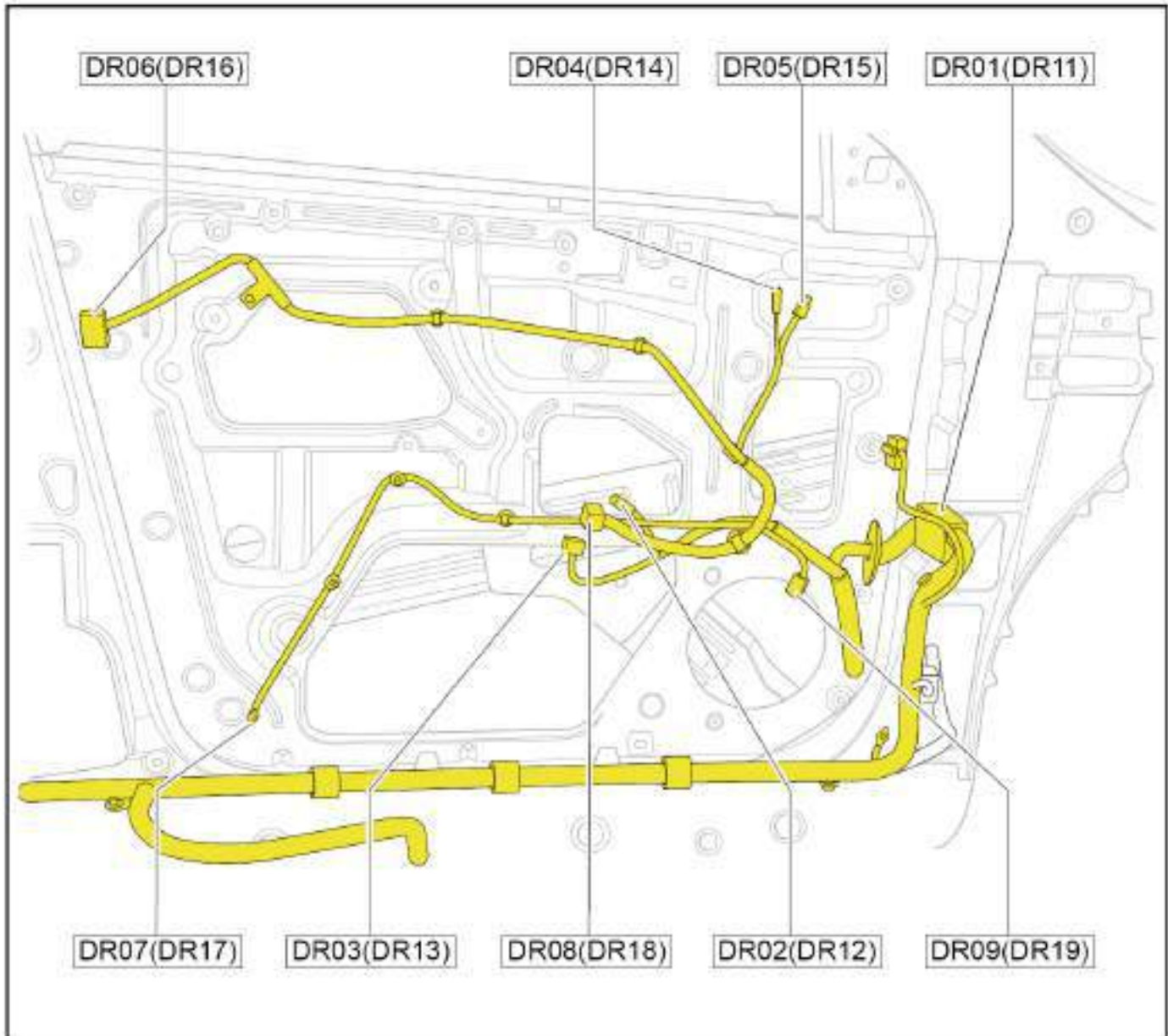
To gearshifter harness connector SO65 To engine harness, harness connector SO66 To instrument panel harness, harness connector SO67



Automatic transmission controller harness connector SO68



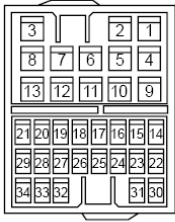
Front Door Harness Layout



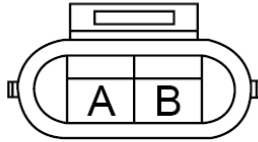
Harness connector	Name	Harness connector	Name
DR01	L.F. door to base plate harness connector	DR11	R.F. door to base plate harness connector
DR02	L.F. glass lifting motor harness connector (without anti-clamping)	DR12	R.F. glass lifting motor harness connector (without anti-clamping)
DR03	L.F. glass lifting motor harness connector (with anti-clamping)	DR13	R.F. glass lifting motor harness connector (with anti-clamping)
DR04	L.F. treble speaker harness connector	DR14	R.F. treble speaker harness connector
DR05	LH external rear view mirror harness connector	DR15	RH external rear view mirror connector
DR06	L.F. door lock motor harness connector	DR16	R.F. door lock harness connector
DR07	LH door entry light harness connector	DR17	RH door entry light connector
DR08	L.F. glass lifting switch harness connector	DR18	R.F. glass lifting switch harness connector
DR09	L.F. door speaker harness connector	DR19	R.F. door speaker harness connector

Front Door Harness Connector Terminals Diagram

L.F. door to base plate harness connector DR01



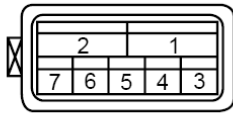
L.F. glass lifting motor harness connector (without anti-clamping) DR02



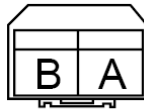
L.F. door speaker harness connector DR09



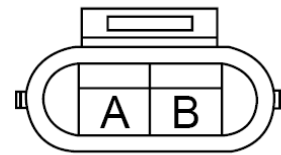
L.F. glass lifting motor harness connector (with anti-clamping) DR03



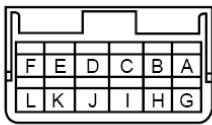
L.F. treble speaker harness connector DR04



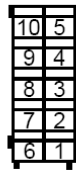
R.F. glass lifting motor harness connector (with anti-clamping) DR12



LH external rear view mirror harness connector DR05



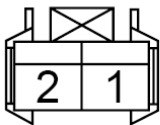
L.F. door lock motor harness connector DR06



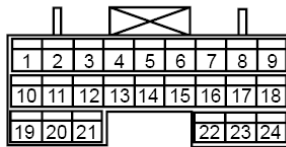
R.F. treble speaker harness connector DR14



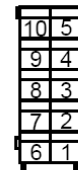
LH door entry light harness connector DR07



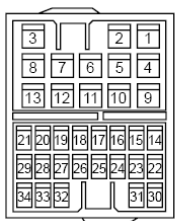
L.F. glass lifting switch harness connector DR08



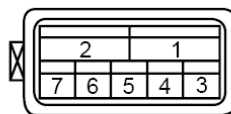
R.F. door lock harness connector DR16



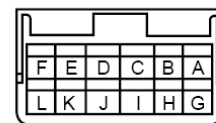
R.F. door to base plate harness connector DR11



R.F. glass lifting motor harness connector (with anti-clamping) DR13

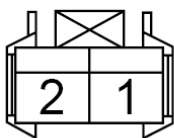


RH external rear view mirror harness connector DR15

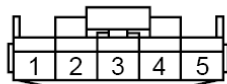


Front Door Harness Connector Terminals Diagram (Continued)

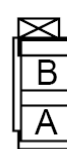
RH door entry light connector DR17



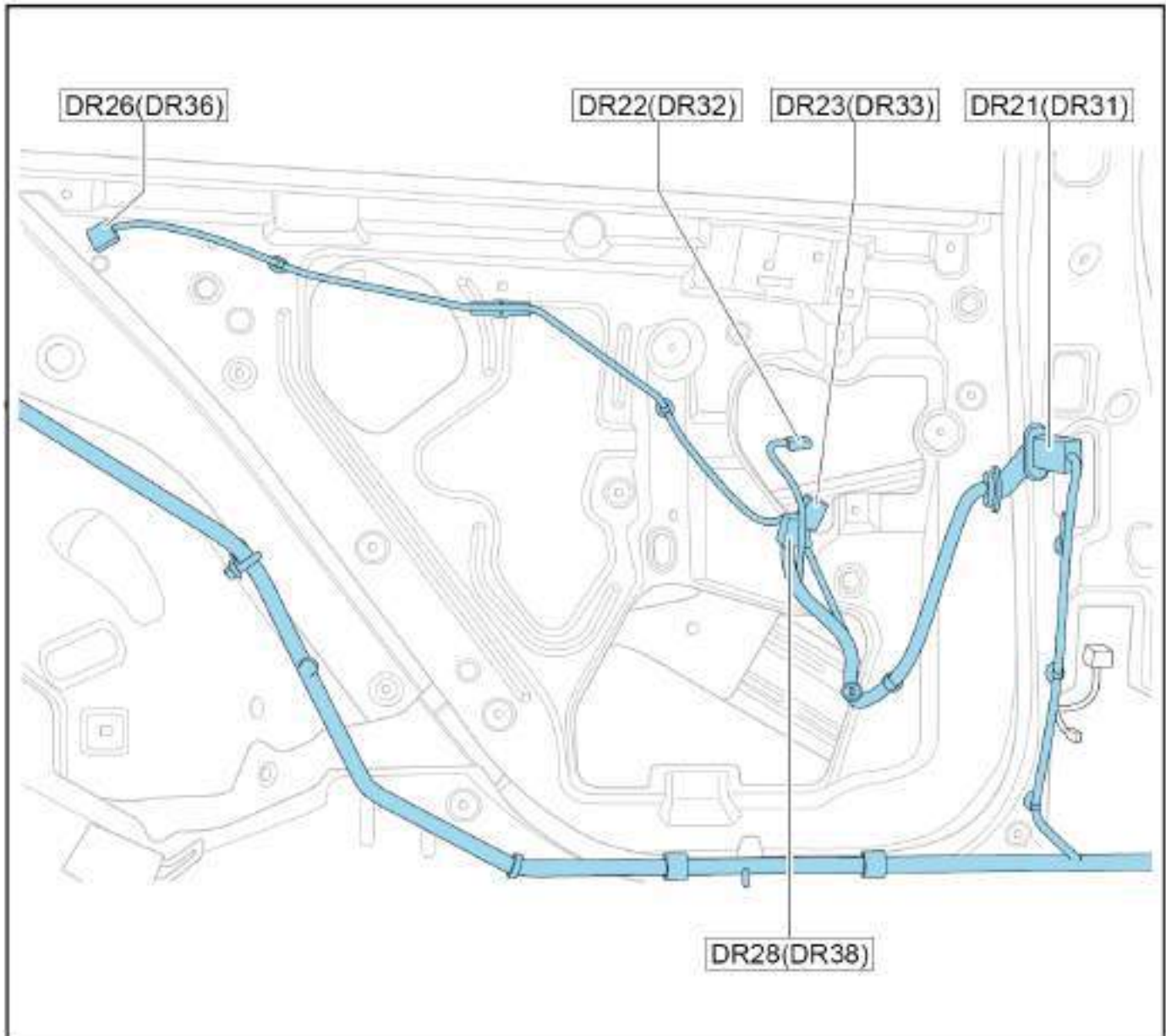
R.F. glass lifting switch harness connector DR18



R.F. door speaker harness connector DR19



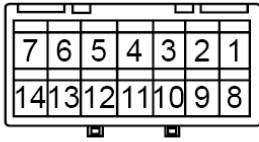
Rear Door Harness Layout



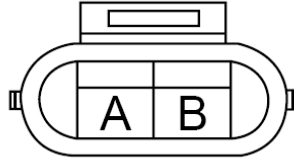
Harness connector	Name	Harness connector	Name
DR21	To base plate harness connector	DR31	To base plate harness connector
DR22	L.R. glass lifting motor harness connector (without anti-clamping)	DR32	R.R. door glass lifting motor harness connector (without anti-clamping)
DR23	L.R. glass lifting motor harness connector (with anti-clamping)	DR33	R.R. door glass lifting motor harness connector (with anti-clamping)
DR26	L.R. door lock harness connector	DR36	R.R. door lock harness connector
DR28	L.R. glass lifting switch harness connector	DR38	R.R. glass lifting switch harness connector

Rear Door Harness Connector Terminal Diagram

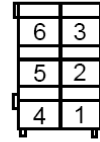
To base plate harness connector DR21



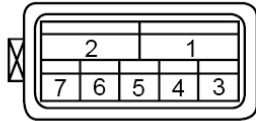
L.R. glass lifting motor harness connector (without anti-clamping) DR22



R.R. Door lock harness connector DR36



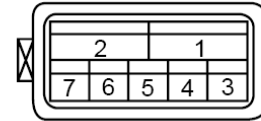
L.R. glass lifting motor harness connector with anti-clamping) DR23



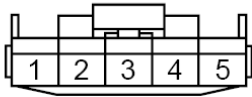
L.R. door lock harness connector DR26



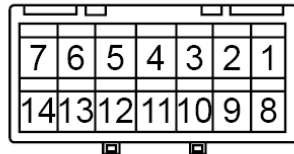
R.R. Door glass lifting motor harness connector (without anti-clamping) DR33



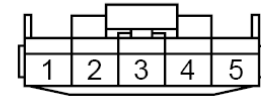
L.R. glass lifting switch harness connector DR28



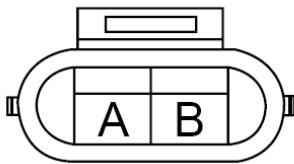
To base plate harness connector DR31



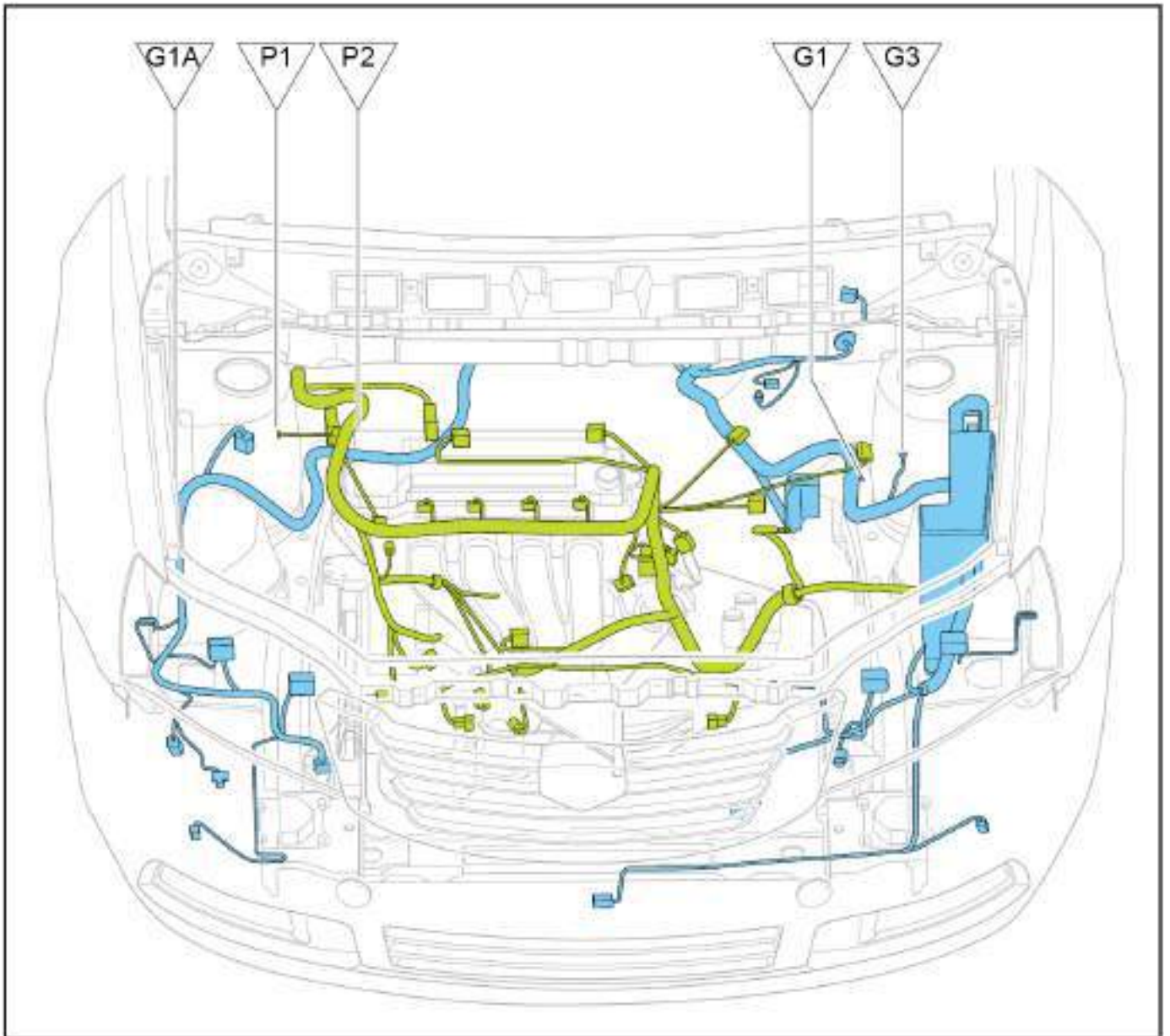
R.R. glass lifting switch harness connector DR38



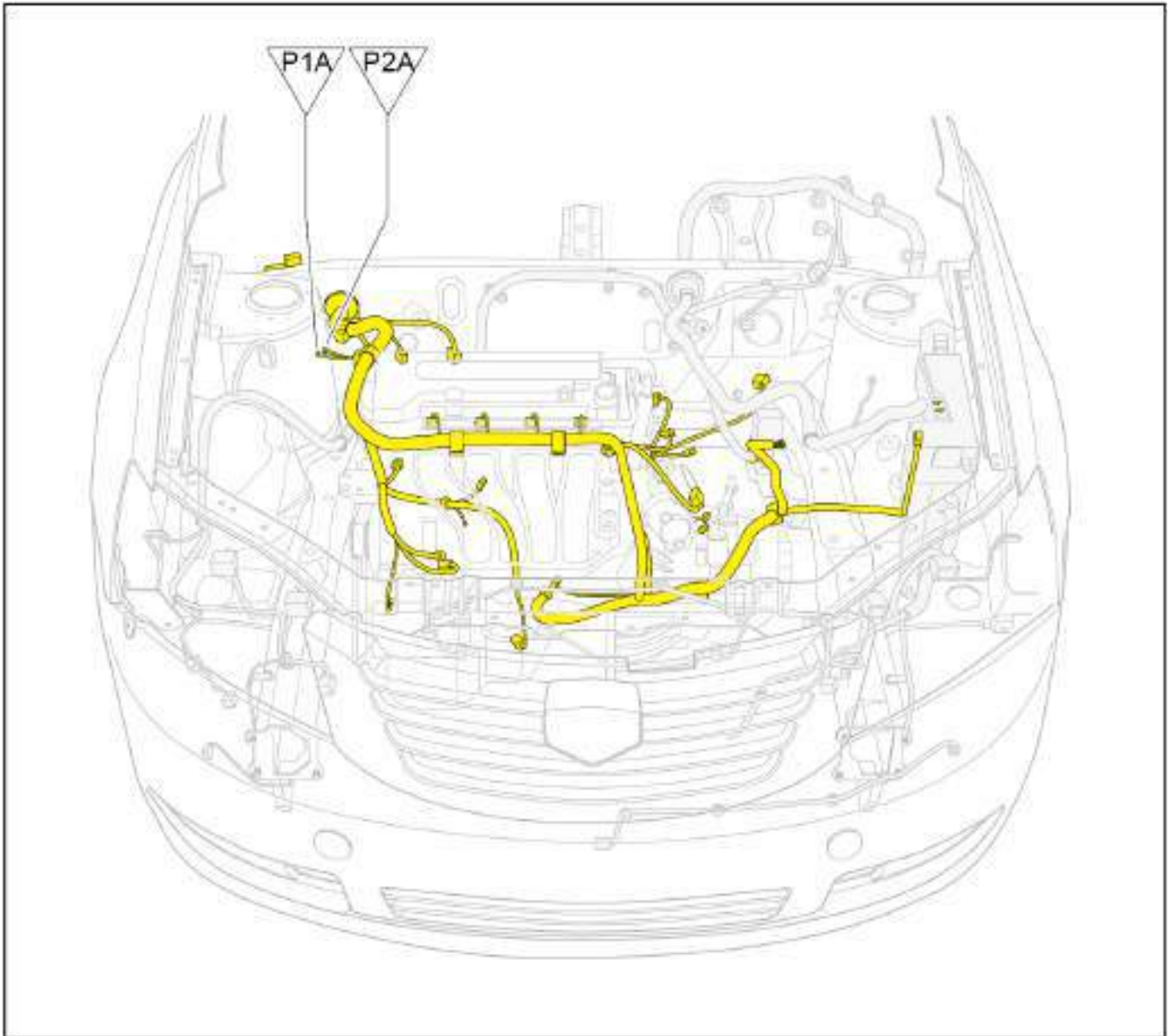
R.R. Door glass lifting motor harness connector (without anti-clamping) DR32



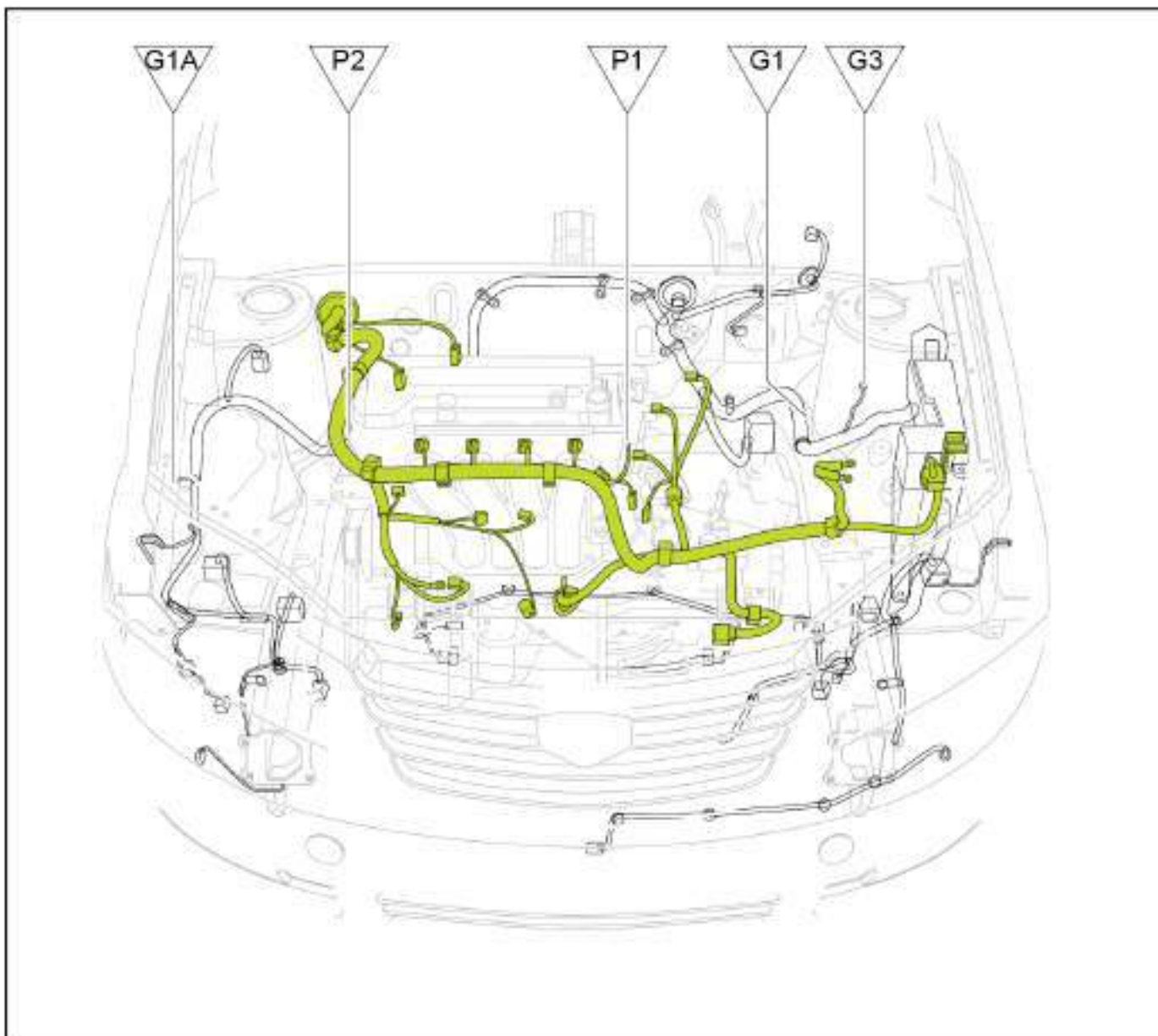
Engine Compartment Grounding Points Layout



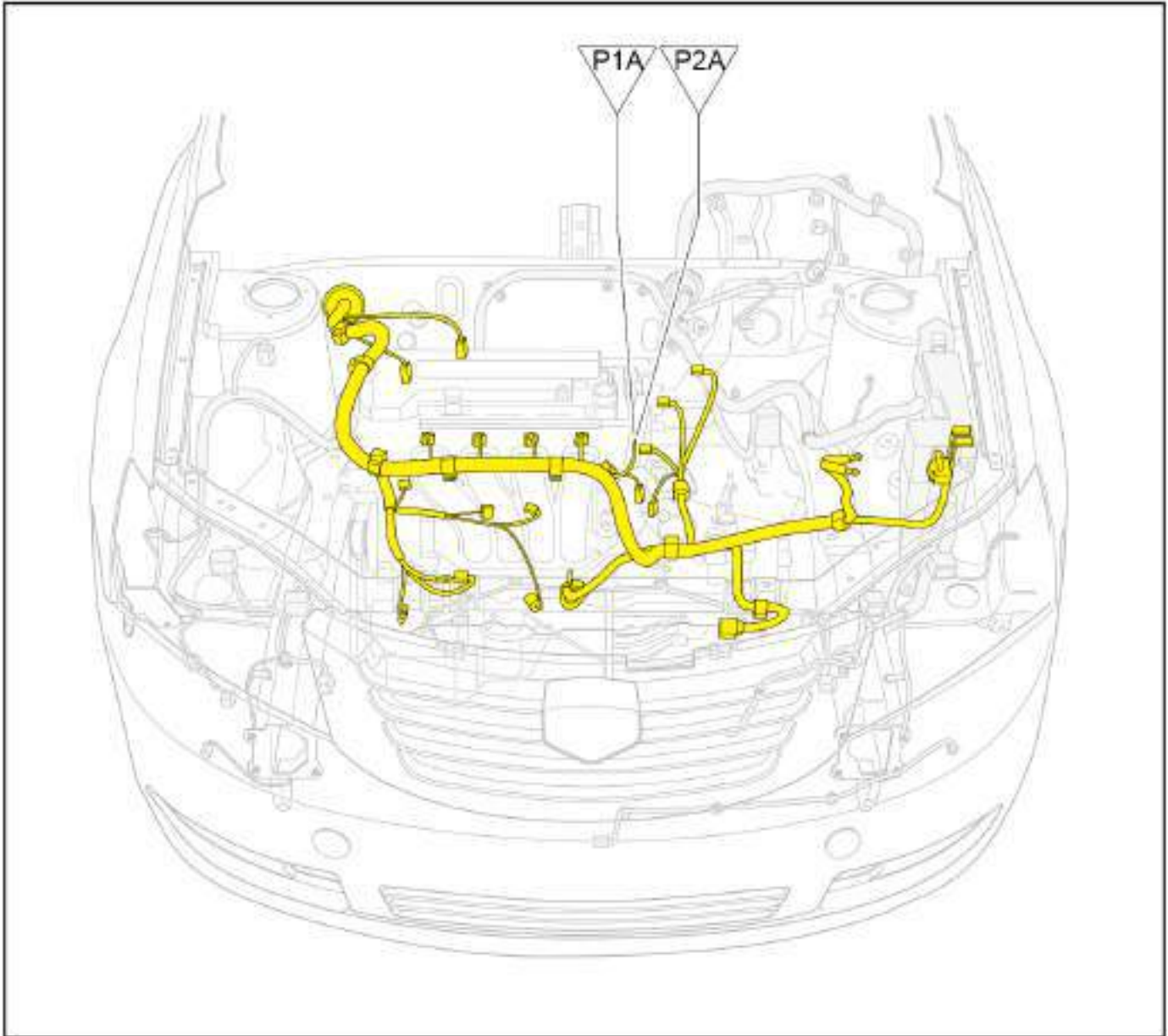
Engine Grounding Points Layout (JL4G15-G)



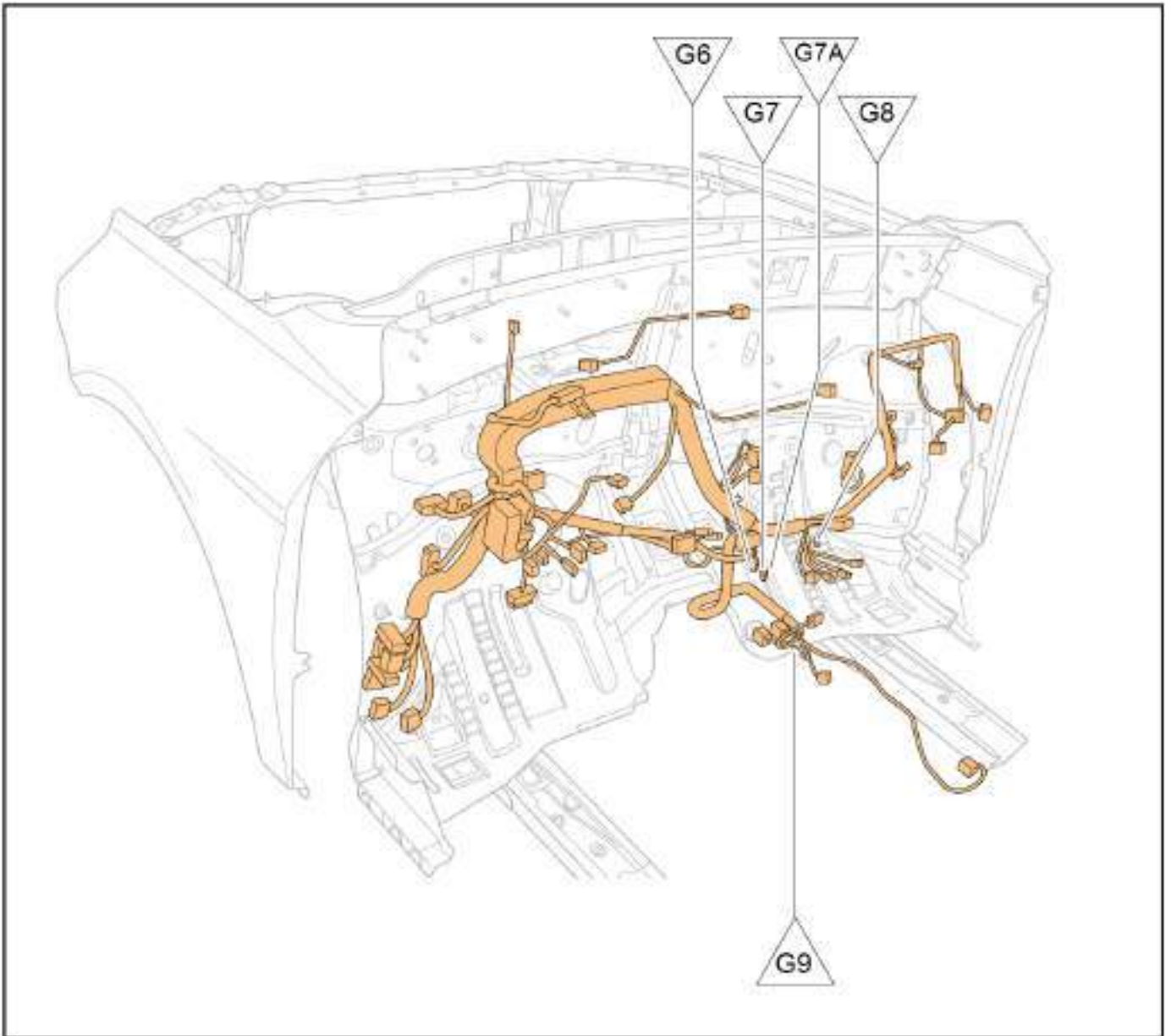
Engine Compartment Grounding Points Layout (CVT)



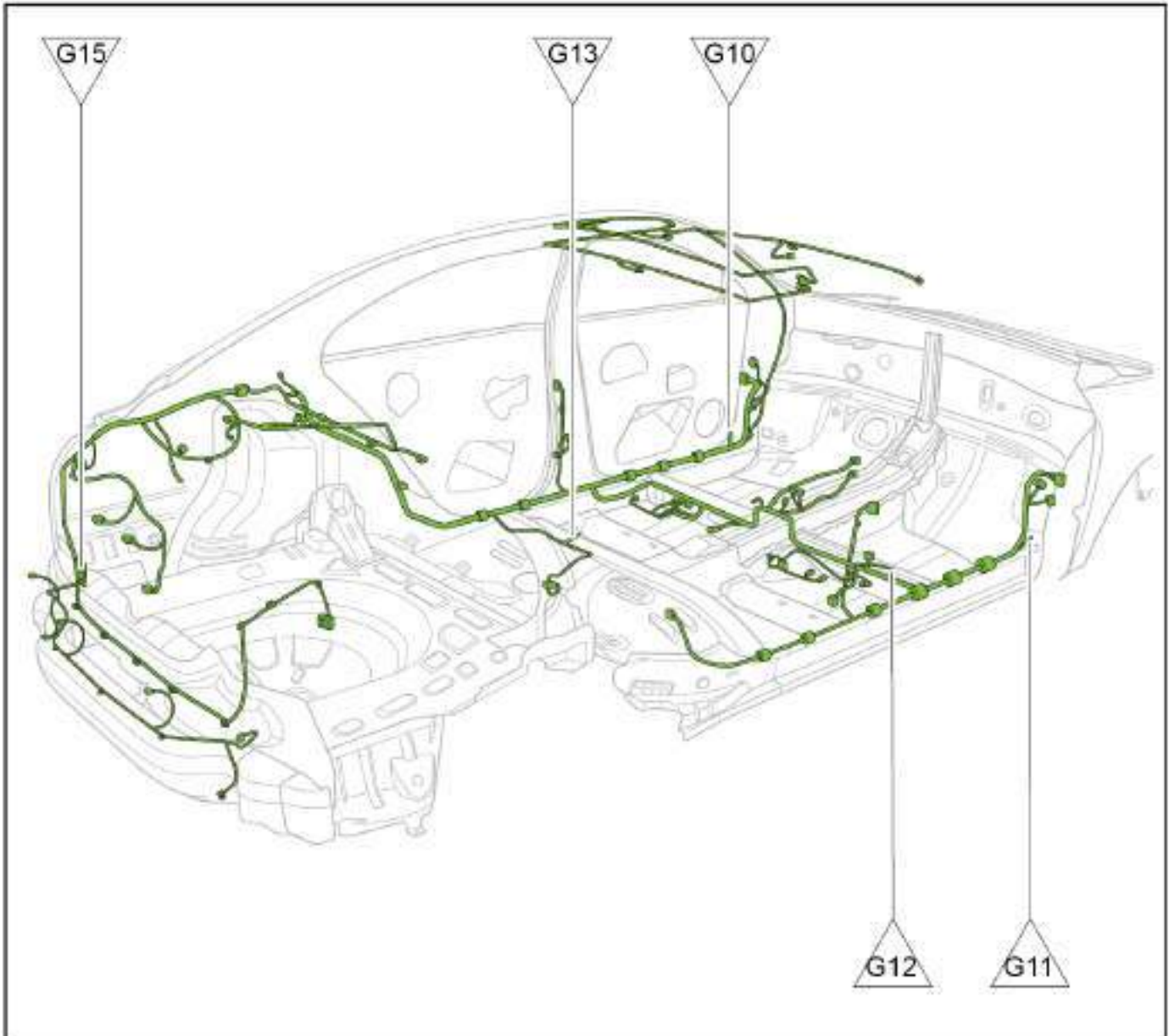
Engine Grounding Points Layout (CVT)



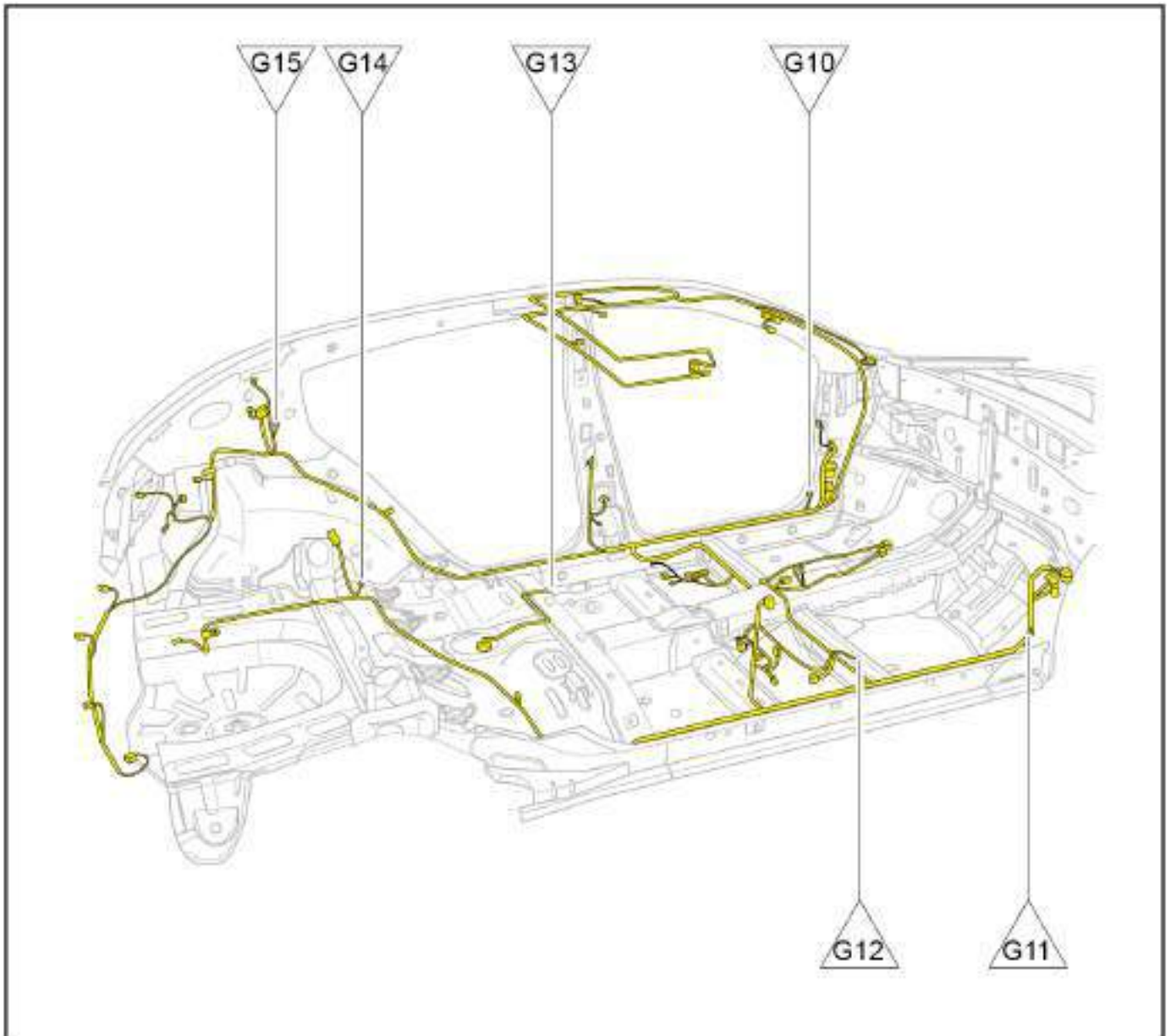
Engine Grounding Points Layout (CVT)



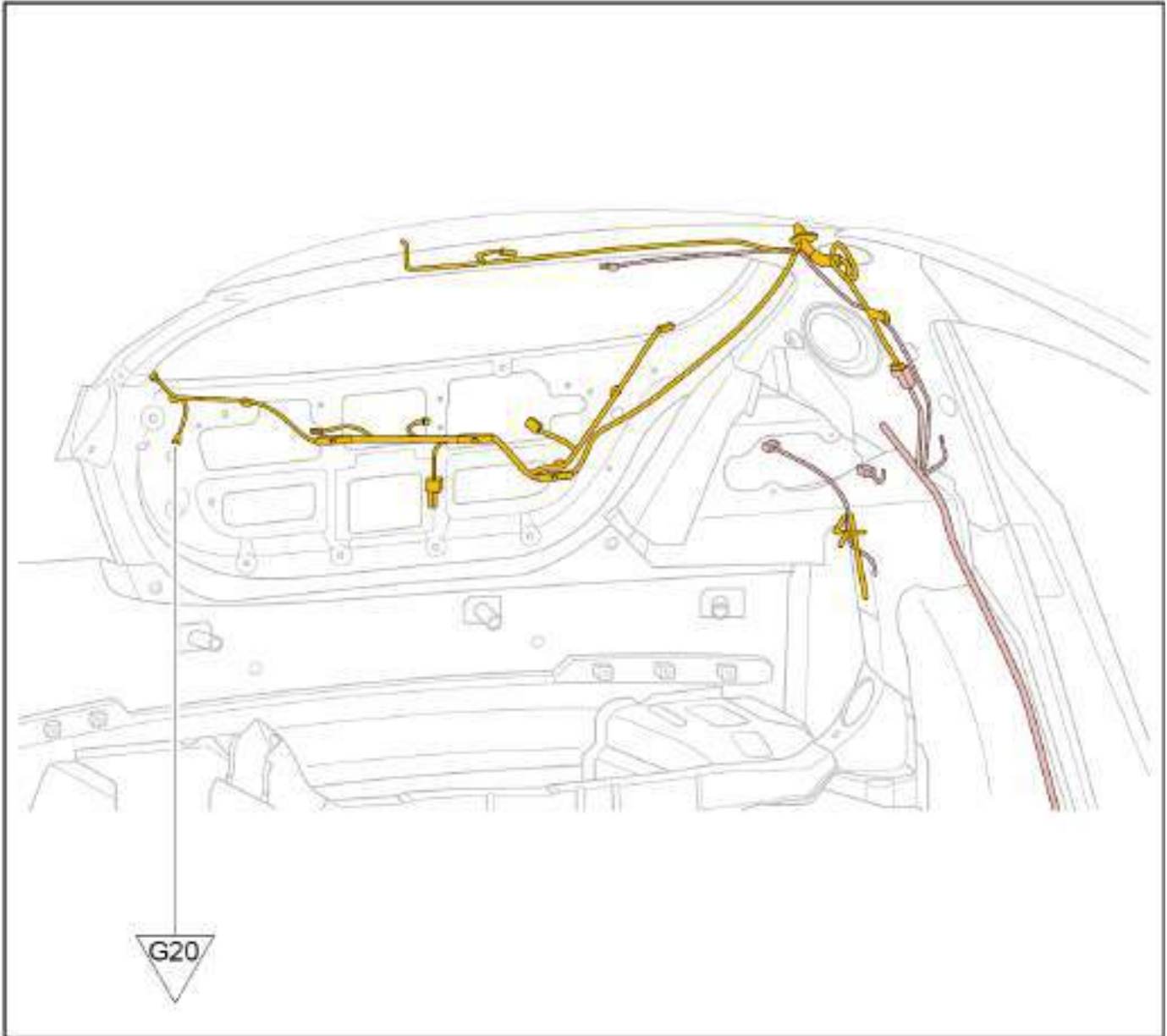
Base Plate Grounding Points Layout (sedan)



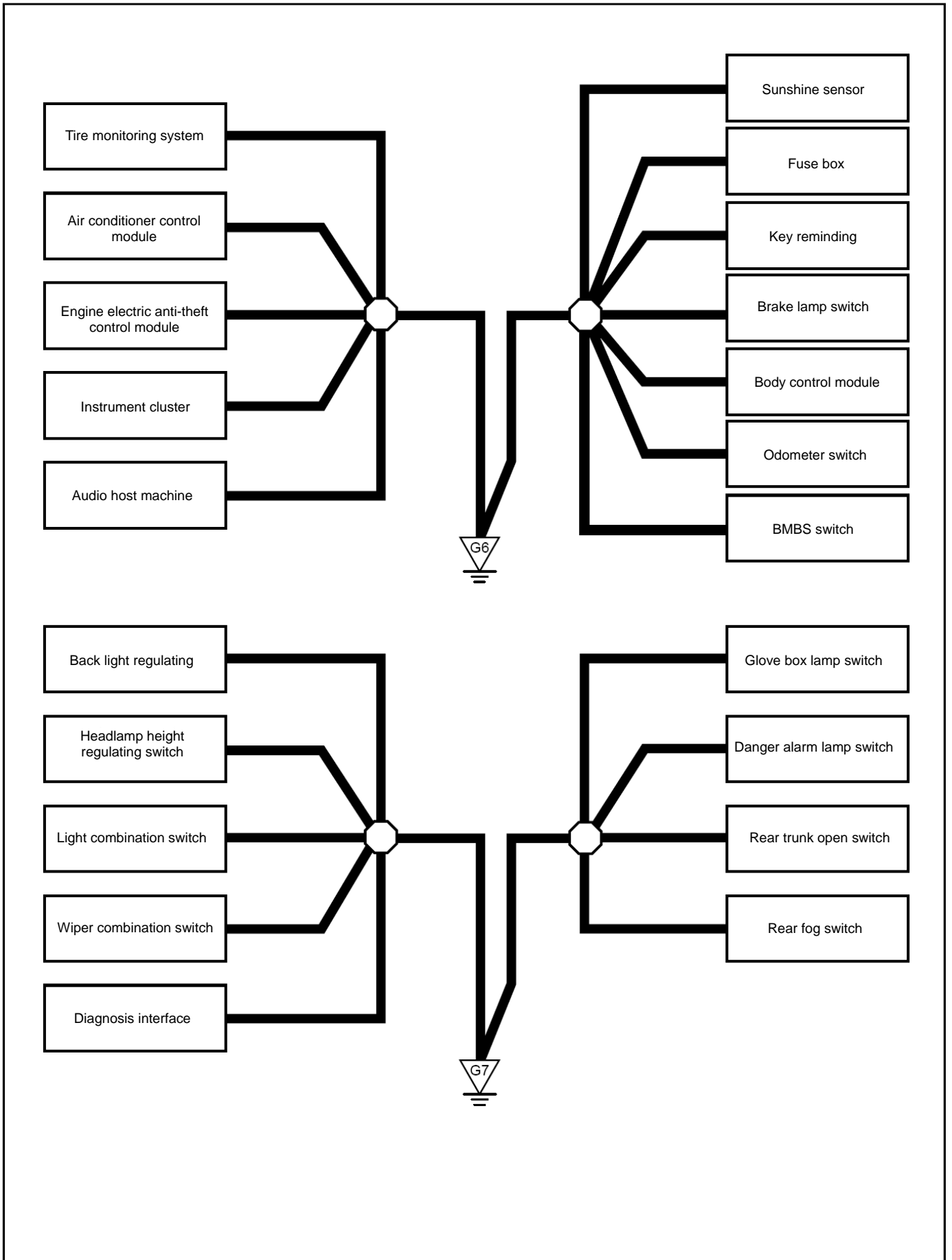
Base Plate Grounding Points Layout (hatchback)



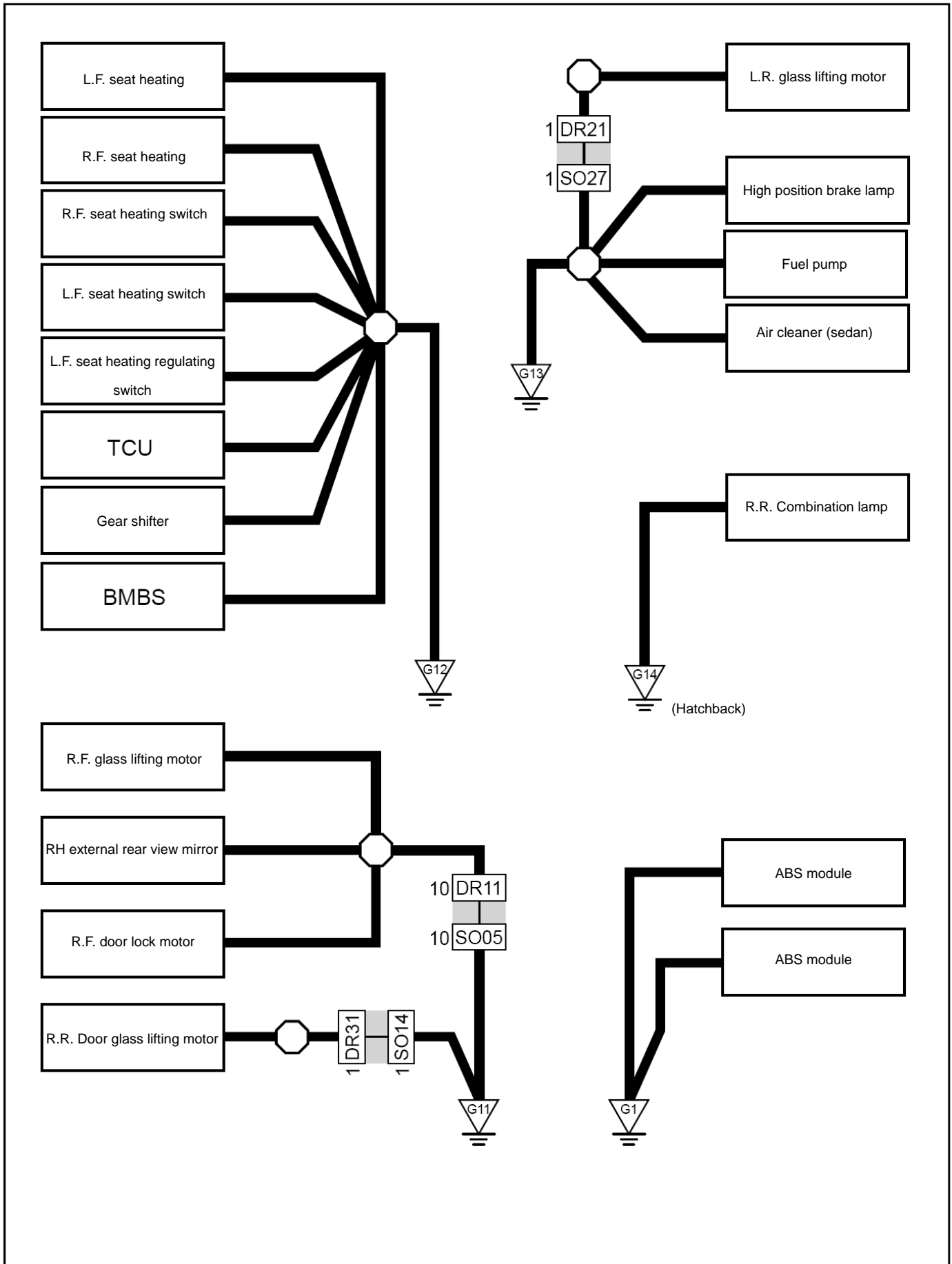
Back Door Grounding Points Layout



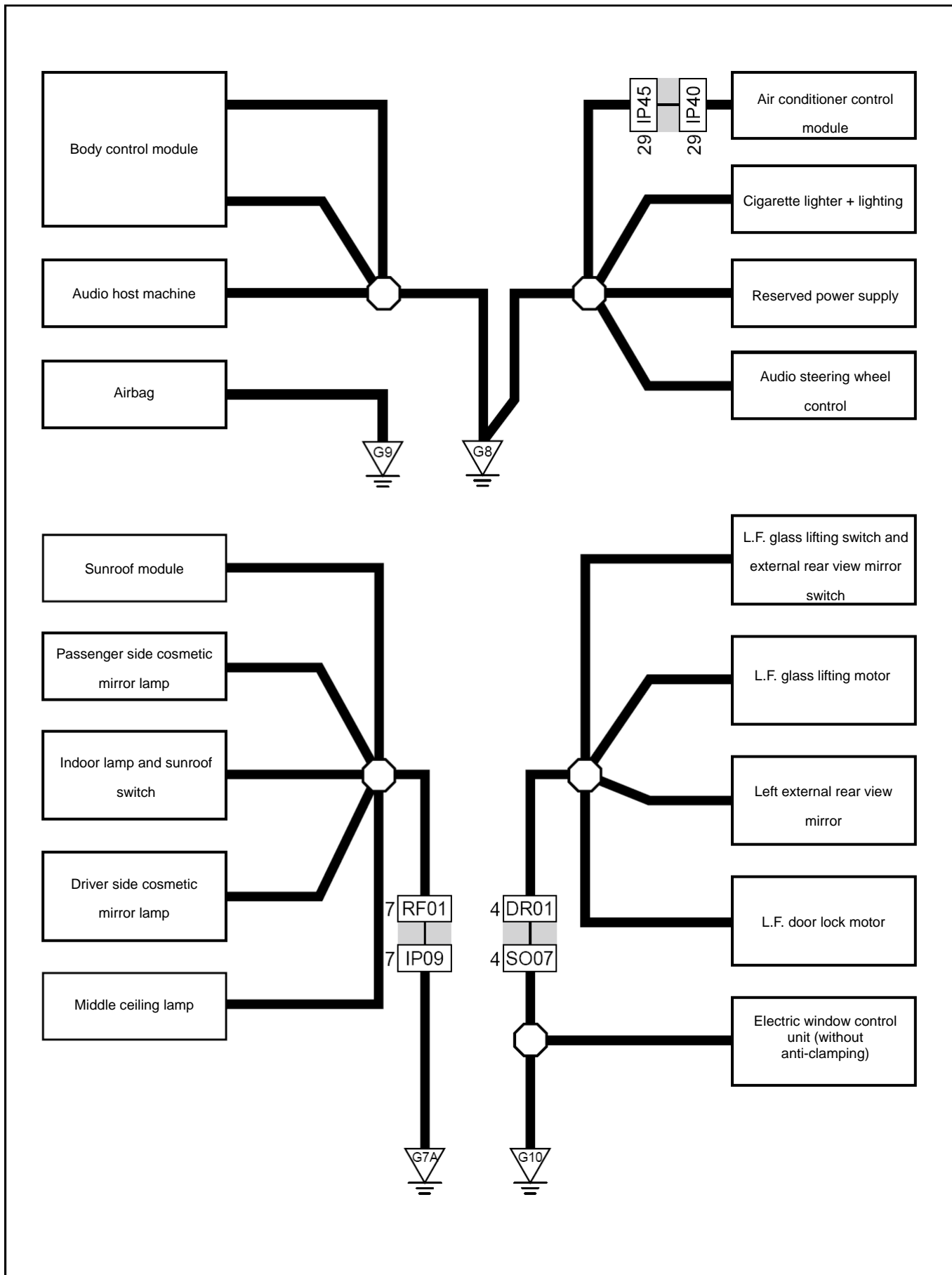
Grounding Circuit Diagram 1 (G6、G7)



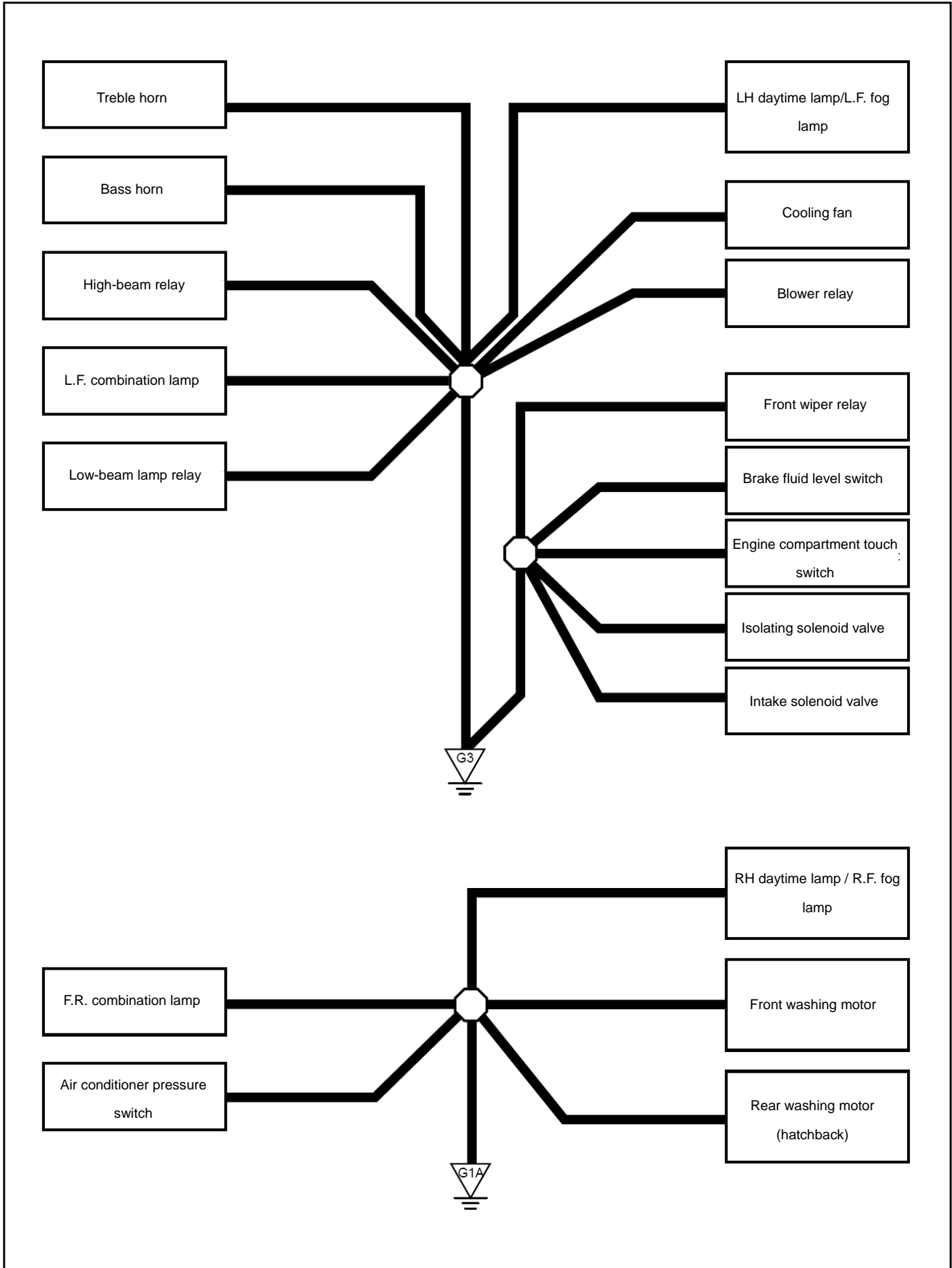
Grounding Circuit Diagram 2 (G1、G11、G12、G13、G14)



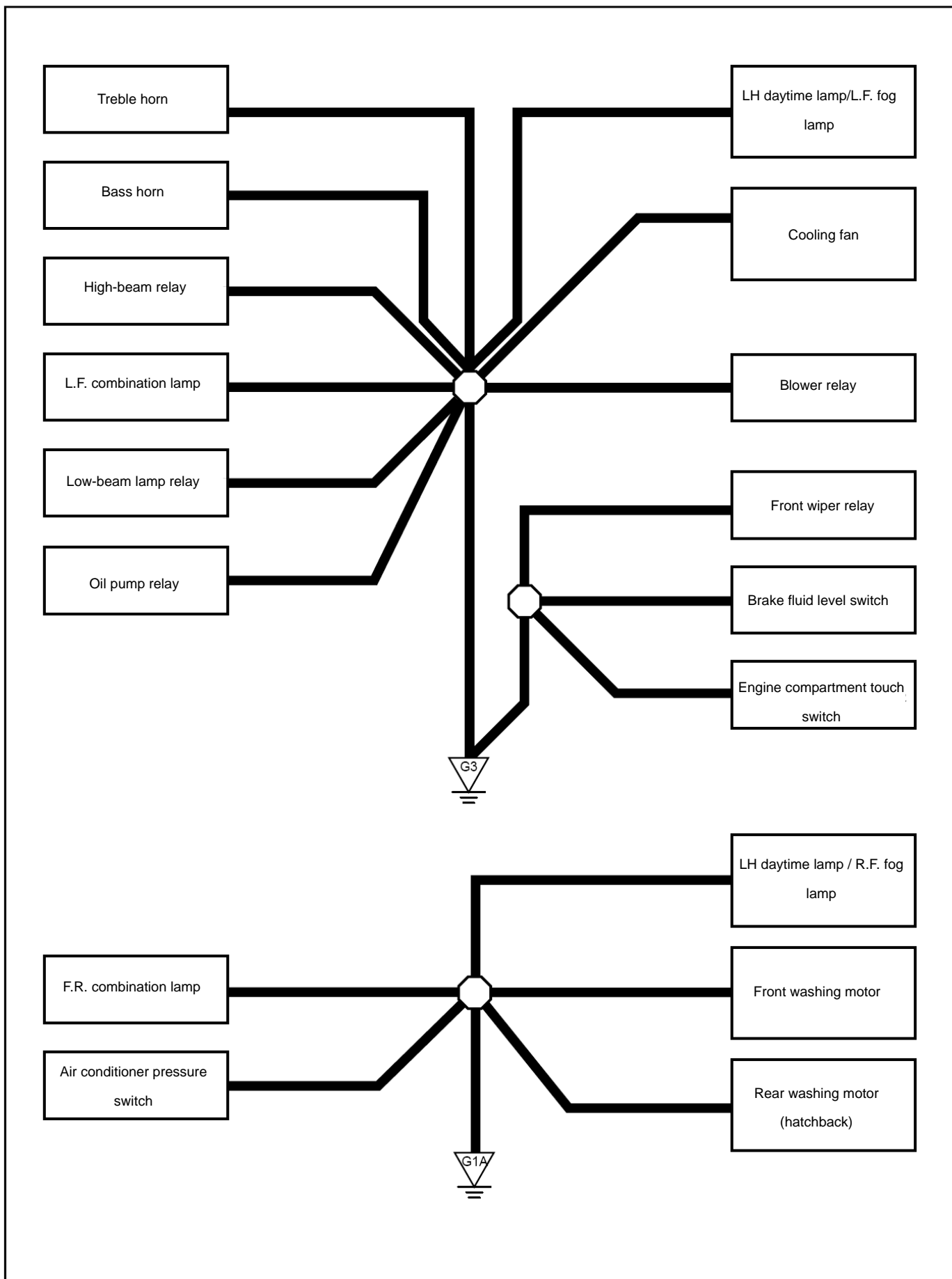
Grounding Circuit Diagram 3 (G1、G8、G9、G10)



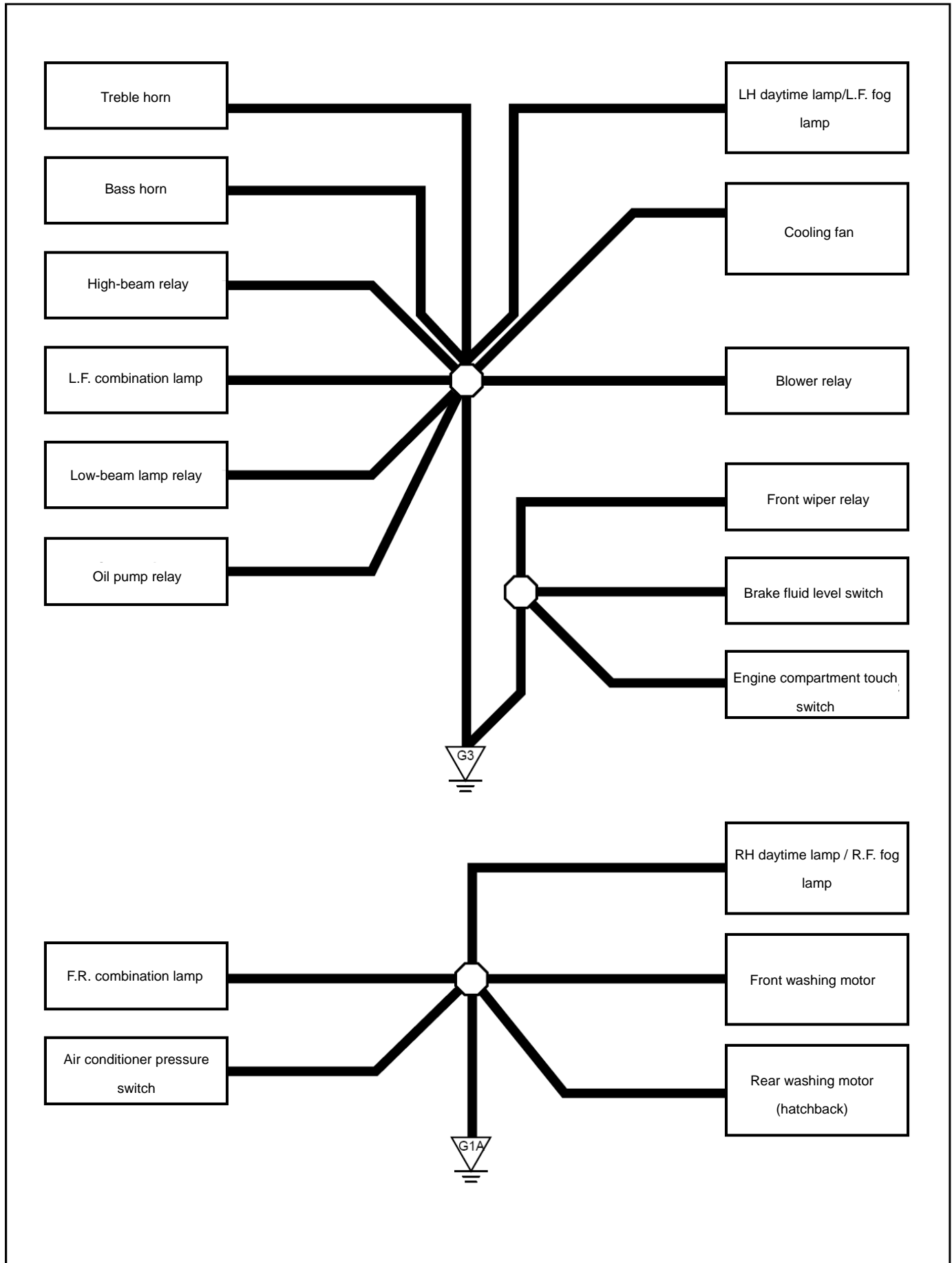
Grounding Circuit Diagram 4 (G1A, G3)



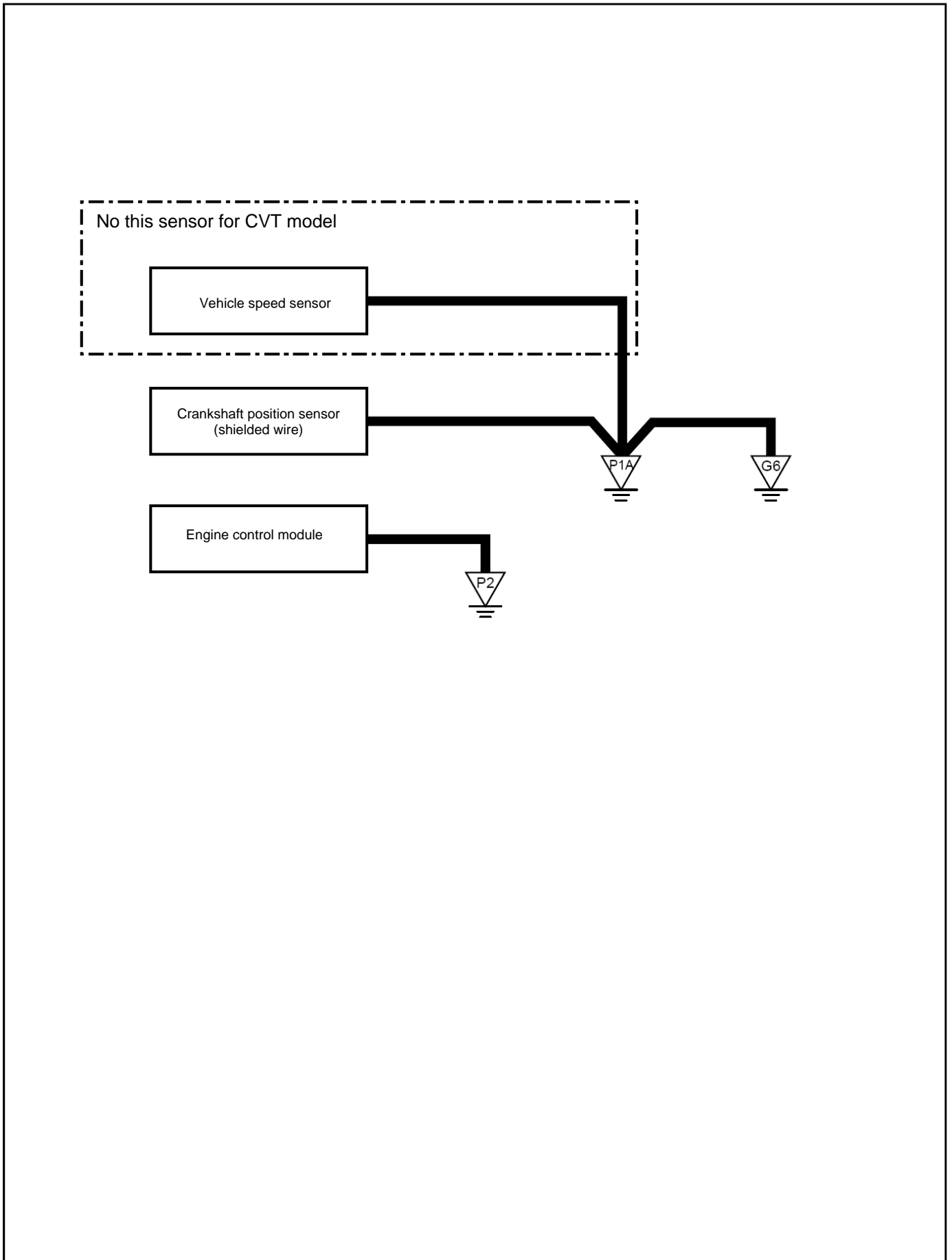
Grounding Circuit Diagram 5 (G1A, G3) (JL4G15-G)



Grounding Circuit Diagram 6 (G1A, G3) (JL4G15-G)



Grounding Circuit Diagram 7 (P1A, P2, G6)

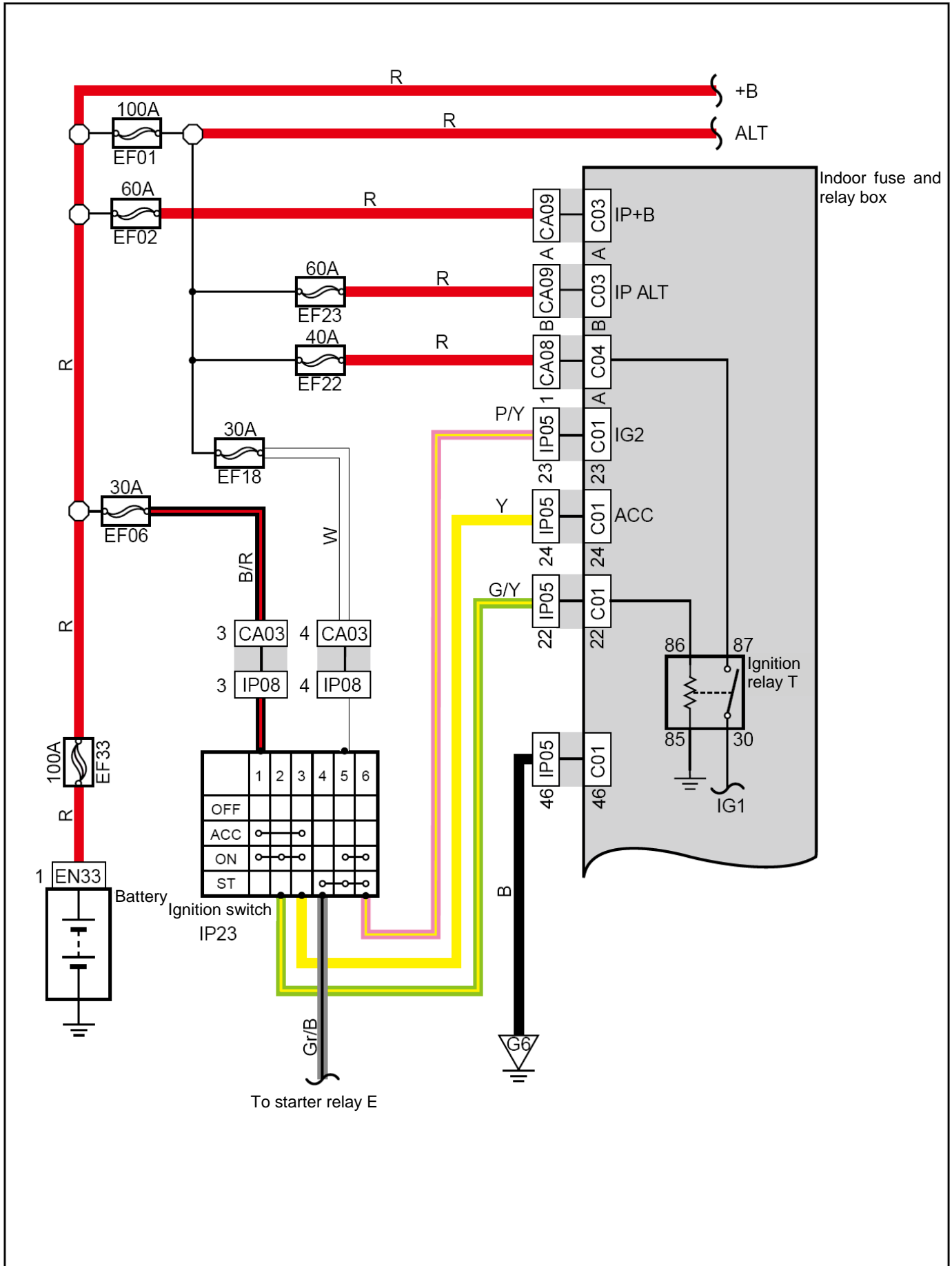


Circuit Diagram Index

Power distribution diagram	114	Cooling fan (JL4G15-N)	182
Charging system.....	116	Fuel injection system and fuel pump	184
Starter system.....	118	Fuel injection system and fuel pump (JL4G15-G) ...	186
Starter system (CVT)	120	Fuel injection system and fuel pump (CVT)	188
Starter system (JL4G15-N)	122	Fuel injection system and fuel pump (JL4G15-N)	190
ECM power line, data line , grounding line	124	Engine immobilizer system	192
ECM power line, data line , grounding line (JL4G15-G) .	126	Engine immobilizer system (JL4G15-G)	194
ECM power line, data line , grounding line (CVT)	128	Engine immobilizer system (CVT)	196
ECM power line, data line , grounding line (JL4G15-N) ..	130	Engine immobilizer system (JL4G15-N)	198
ECM sensor.....	132	TCU power supply, grounding, data line	200
ECM sensor (JL4G15-G)	134	CVT controller 1.....	202
ECM sensor (CVT)	136	CVT controller 2.....	204
ECM sensor (JL4G15-N)	138	A/C system power supply, grounding, data line.....	206
Electronic throttle (JL4G15-G)	140	Air conditioner compressor clutch control.....	208
Electronic throttle (CVT)	142	Air conditioner compressor clutch control (JL4G15-G) 210	
Electronic throttle (JL4G15-N)	144	Air conditioner compressor clutch control (CVT)	212
Oxygen sensor.....	146	Air conditioner compressor clutch control (JL4G15-N) 214	
Oxygen sensor (JL4G15-G)	148	Blower control.....	216
Oxygen sensor (CVT)	150	Cold-warm wind direction motor regulation	218
Oxygen sensor (JL4G15-N)	152	Air cleaner	220
Vehicle speed sensor	154	ACU power supply, grounding, data line	222
Vehicle speed sensor (JL4G15-G)	156	ACU sensor	224
Vehicle speed sensor (JL4G15-N)	158	Safety belt pre-tensioner, inflated module	226
ECM ignition system.....	160	ABS power supply, grounding, data line.....	228
ECM ignition system (JL4G15-G)	162	ABS sensor.....	230
ECM ignition system (CVT)	164	ABS sensor (CVT)	232
ECM ignition system (JL4G15-N)	166	Tire pressure monitoring system	234
ECM device control.....	168	BMBS	236
ECM device control (JL4G15-G)	170	Sunroof	238
ECM device control (CVT)	172	Reversing radar (Sedan car)	240
ECM device control (JL4G15-N)	174	Reversing radar (Sedan car) (CVT)	242
Cooling fan.....	176	Reversing radar (Hatchback)	244
Cooling fan (JL4G15-G)	178	Reversing radar (Hatchback) (CVT)	246
Cooling fan (CVT)	180	BCM power supply, grounding, data line.....	248

Body anti-theft control system.....	250	Instrument cluster power supply, grounding points, data line	
Electric window (anti-clamping) 1	252	320
Electric window (anti-clamping) 2	254	Instrument cluster power supply, grounding points, data line	
Electric window (without anti-clamping) 1	256	(CVT)	322
Electric window (without anti-clamping) 2	258	Instrument cluster sound warn, alarm	324
Central controlled lock 1.....	260	Combination instrument lighting, indicator.....	236
Central controlled lock 2.....	262	Multi-function instrument	328
Central controlled lock- truck (rear trunk).....	264	Audio host machine power supply, grounding points, data line	
Electric seat control.....	266	330
Seat heating	268	Steering wheel control (navigation) for audio host machine.	332
Defrosting control	270	Speaker control for audio host machine	334
Defrosting control (JL4G15-G)	272	Diagnosis interface	336
Horn system	274	CAN data communication network	338
External rear view mirror.....	276	CAN data communication network (JL4G15-G)	340
Front wiper washer.....	278	CAN data communication network (CVT)	342
Rear wiper washer (hatchback)	280	CAN data communication network (JL4G15-N)	344
Cigarette lighter, Stand-by power.....	282		
Headlamp system	284		
Daytime lamp	286		
Position lamp (Sedan).....	288		
Position lamp (Hatchback)	290		
Fog lamp (Sedan)	292		
Fog lamp (Hatchback).....	294		
Direction indicator lamp and danger warning lamp	296		
Brake lamp	298		
Brake lamp (CVT)	300		
Brake lamp (JL4G15-N)	302		
Reversing lamp	304		
Reversing lamp (CVT).....	306		
Reversing lamp (JL4G15-N)	308		
Interior light	310		
Interior light (CVT).....	312		
Courtesy lamp, Trunk lamp	314		
Indoor dimmer lamp	316		
Indoor dimmer lamp 1	318		

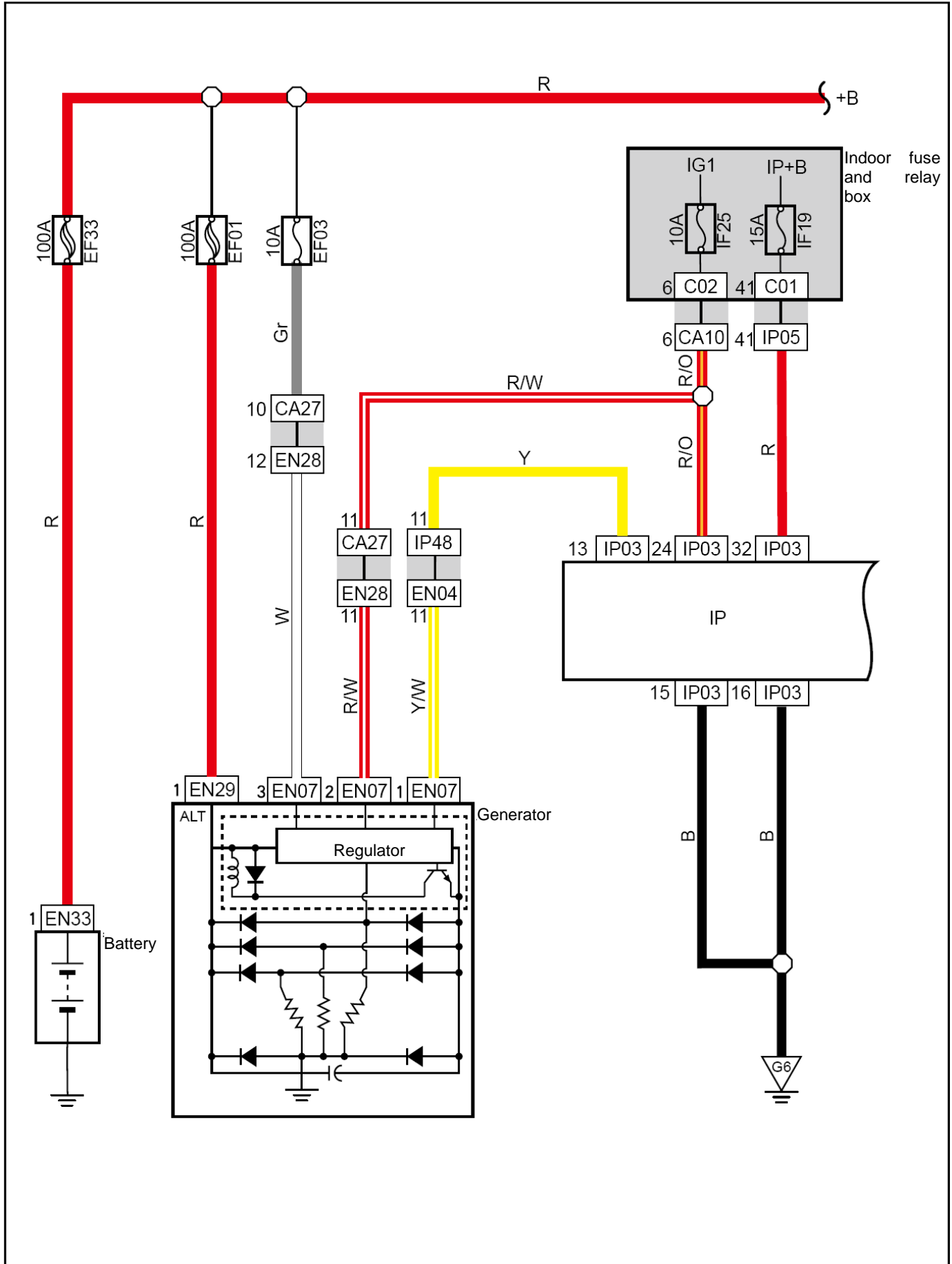
Power Distribution Diagram



Harness connector	Name	Page
CA03	To instrument harness 3 harness connector	24
CA08	To engine compartment fuse and relay box harness connector 1	24
CA09	To engine compartment fuse and relay box harness connector 2	24
EN33	Battery connection piece	34
IP05	To indoor fuse and relay box harness connector	56
IP08	To engine compartment harness connector	56
C01	Indoor fuse box back connector	19
C03	Indoor fuse box back connector	19
C04	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

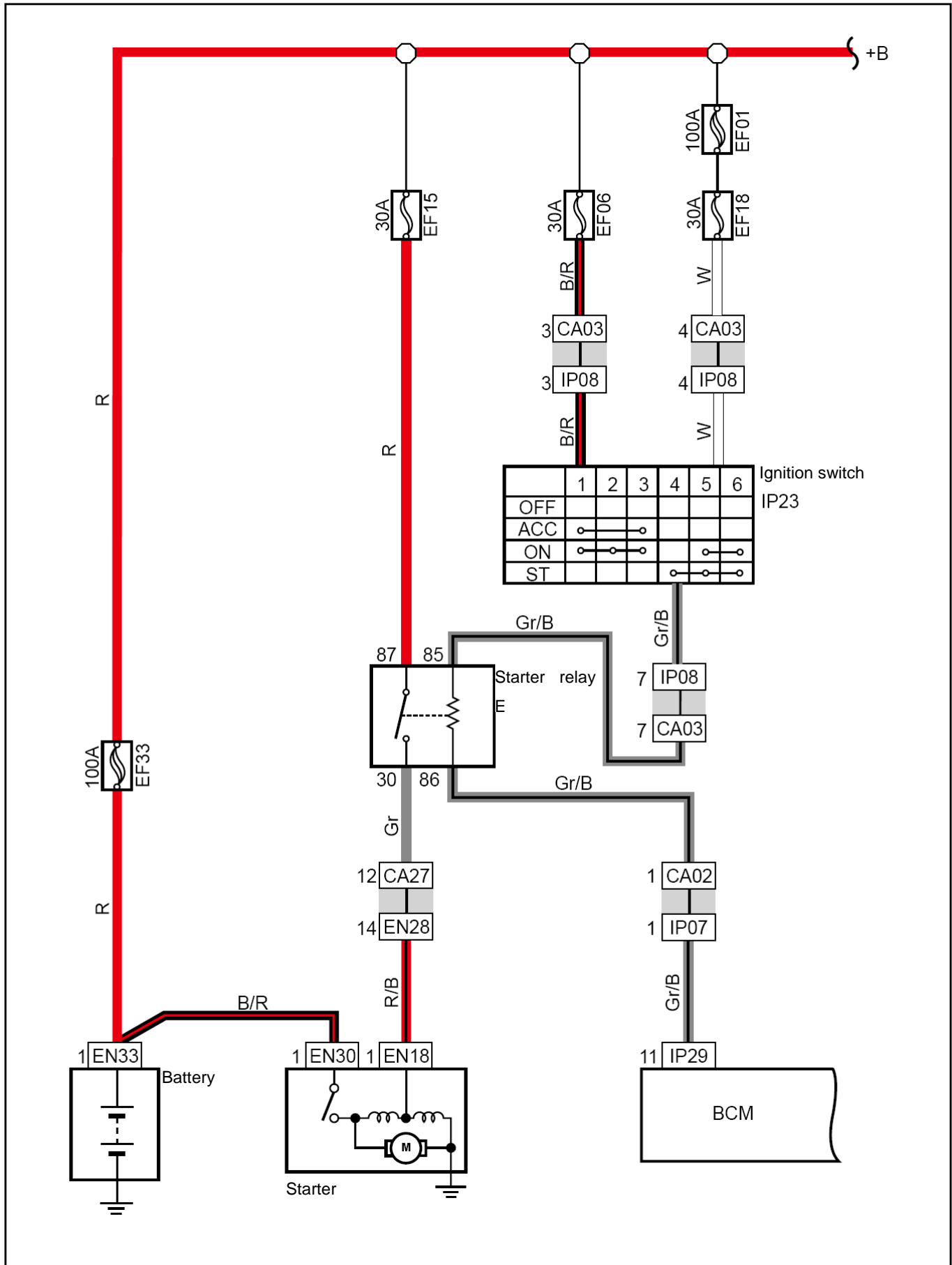
H Connection point	Name	Page
IP23-4	To starter relay E	118/120/122

Charging System



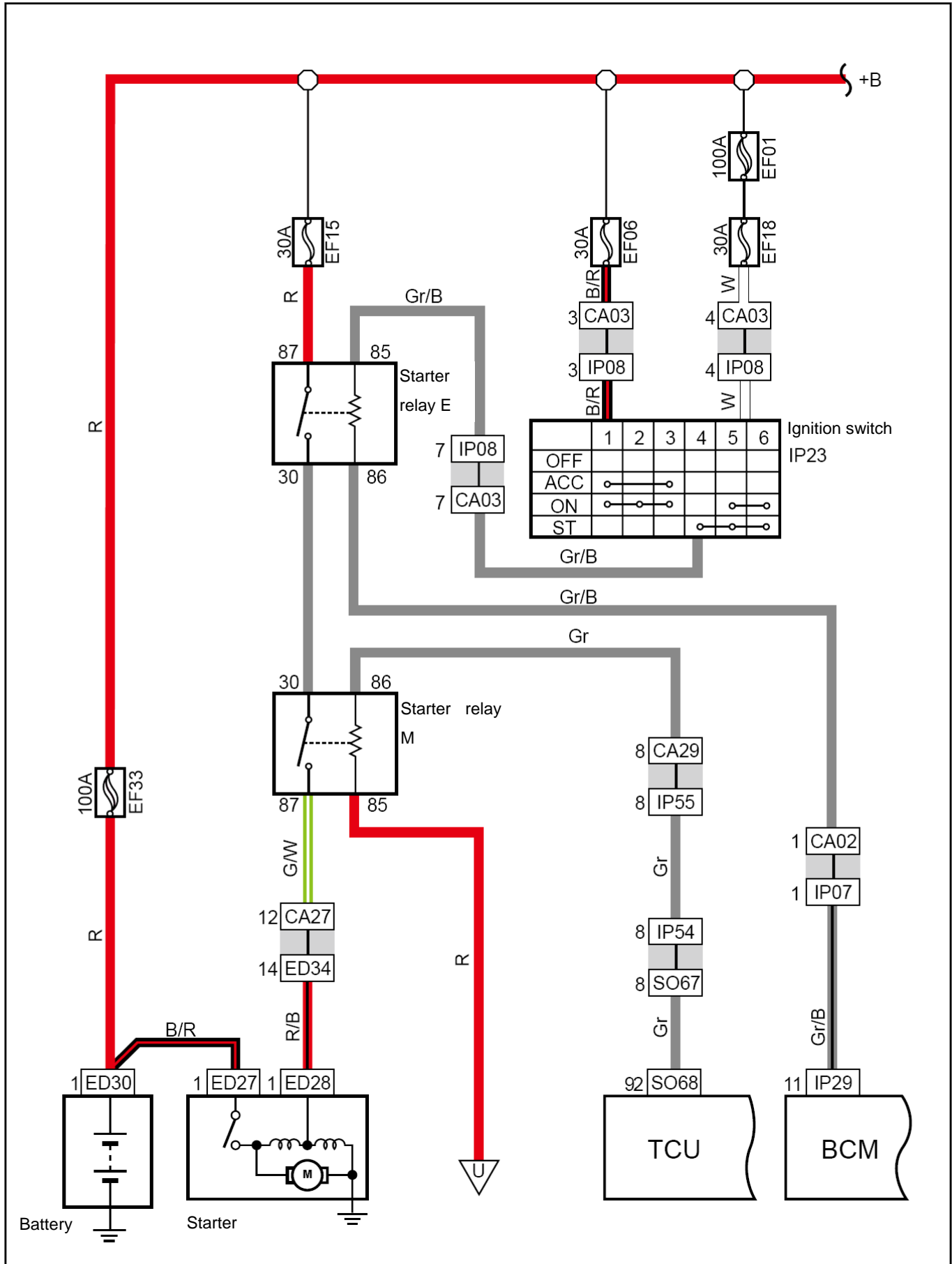
Harness connector	Name	Page
CA27	To engine harness connector	25
EN04	To instrument harness connector	33
EN07	Alternator harness connector	34
EN28	To bonnet distribution box harness connector	34
EN29	Alternator (connection piece)	34
EN33	Battery connection piece	34
IP03	Instrument cluster harness connector	56
CA10	To engine compartment fuse and relay box harness connector 3	24
IP48	To engine harness connector	56
C02	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Starter System



Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA03	To instrument harness 3 harness connector	24
CA27	To engine harness connector	25
EN18	Starter harness connector	34
EN20	To bonnet distribution box harness connector	34
EN30	Starter magnet	34
EN33	Battery connection piece	34
IP07	To engine compartment harness connector	56
IP08	To engine compartment harness connector	56
IP29	Vehicle body control module 1 harness connector	56

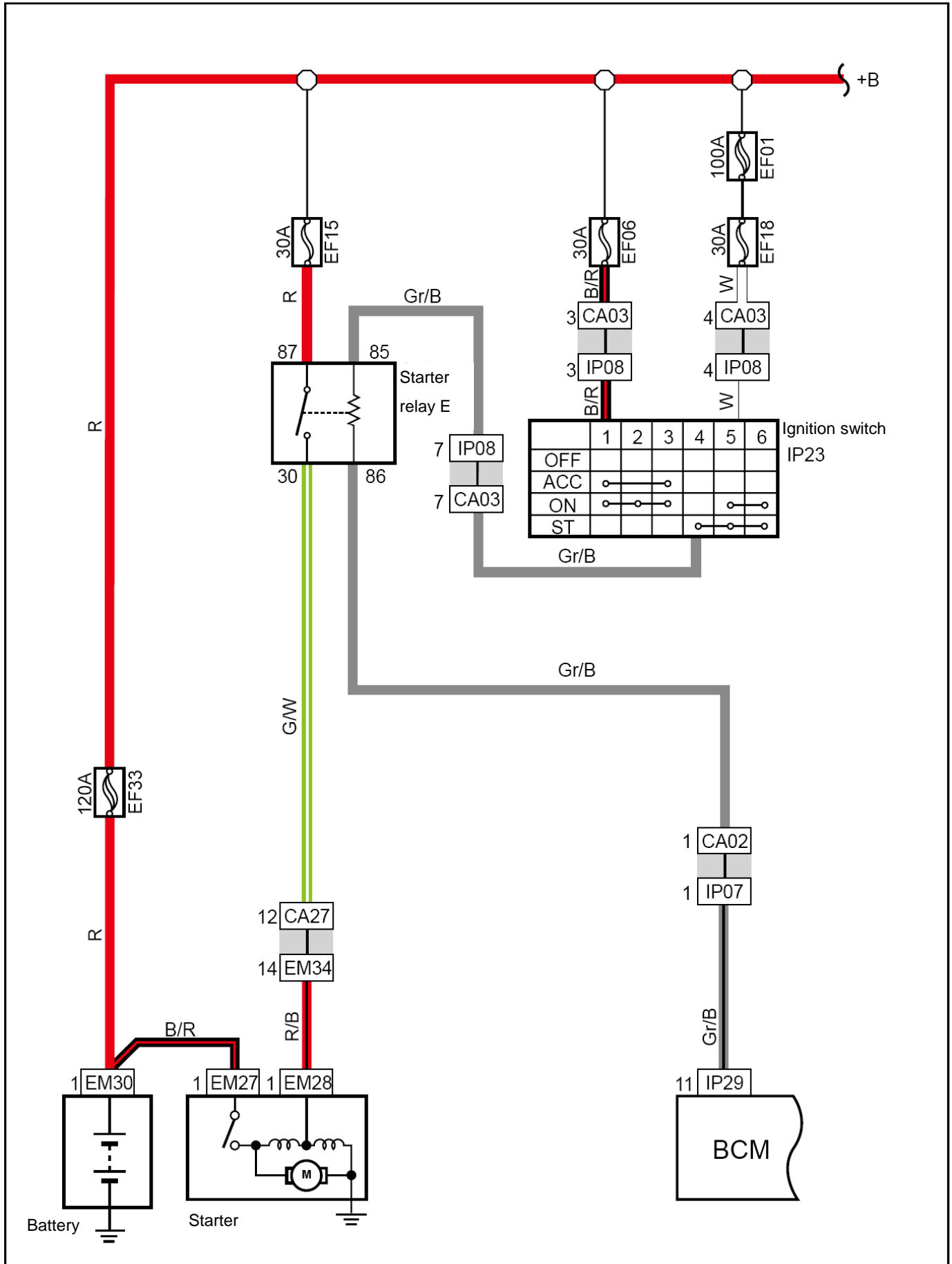
Starter system (CVT)



Harness connector	Name	Page
CA03	To instrument harness, harness connector	24
IP08	To engine compartment harness, harness connector	56
CA29	Isolating solenoid valve harness connector	29
IP55	Air cleaner switch harness connector	62
CA27	To engine harness, harness connector	25
IP54	BMBS switch harness connector	65
SO65	To instrument panel harness, harness connector	84/87
SO68	Automatic transmission controller harness connector	84/87
IP29	Vehicle body control module 1 harness connector	56
CA02	To instrument harness 2 harness connector	24
IP07	To engine compartment harness, harness connector	56
ED27	Starter harness connector	46
ED28	Starter magnet harness connector	46
ED30	Battery (2) harness connector	46

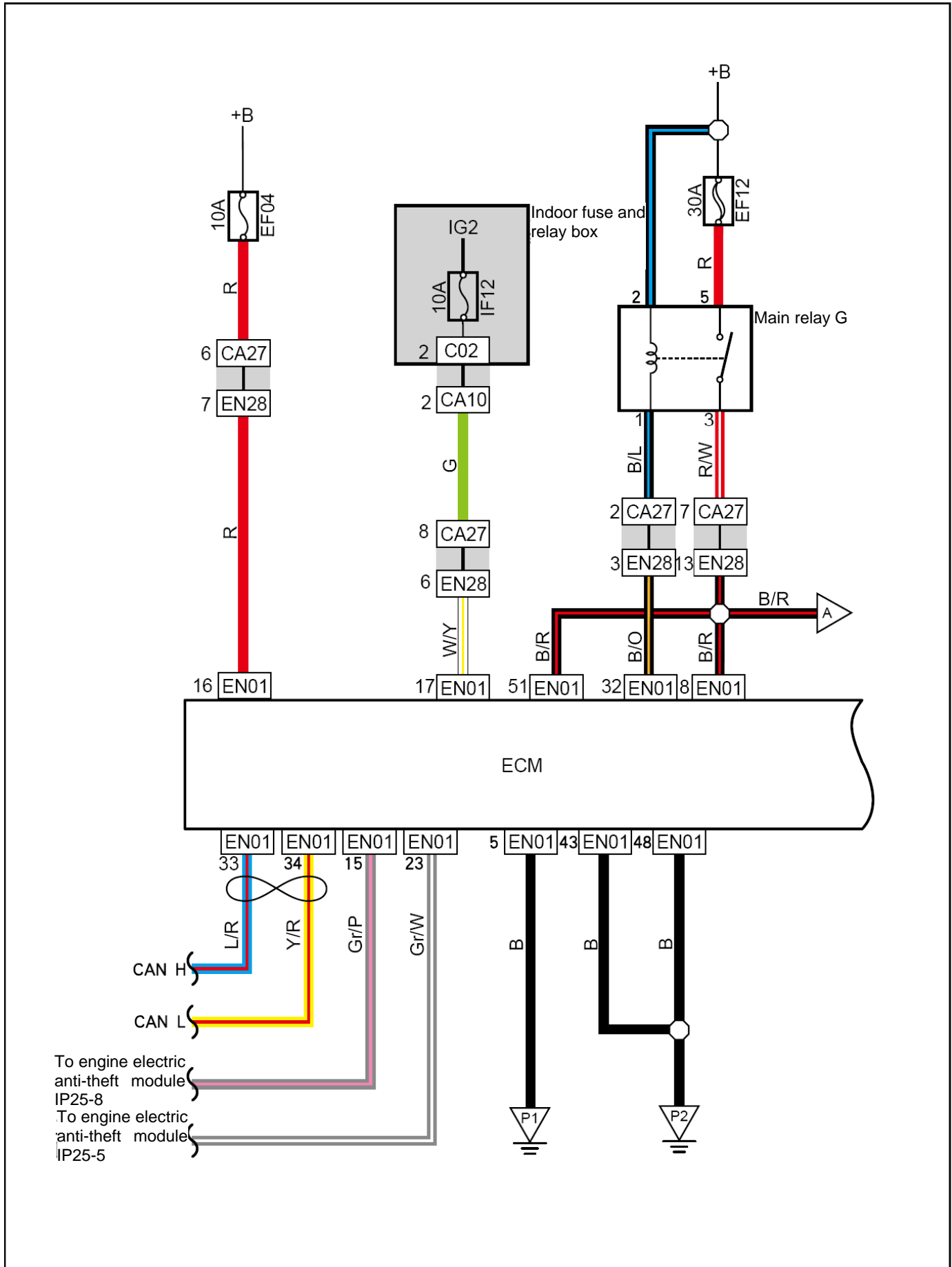
Connection point	Description	Page
U	Instrument power supply	200

Starter System (JL4G15-N)



Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA03	To instrument harness 3 harness connector	24
CA27	To engine harness connector	25
EM27	Starter harness connector	51
EM28	Starter magnet harness connector	51
EM30	Battery 2 harness connector	51
EM34	To bonnet distribution box 3	51
IP07	To engine compartment harness connector	56
IP08	To engine compartment harness connector	56
IP29	Vehicle body control module 1 harness connector	56

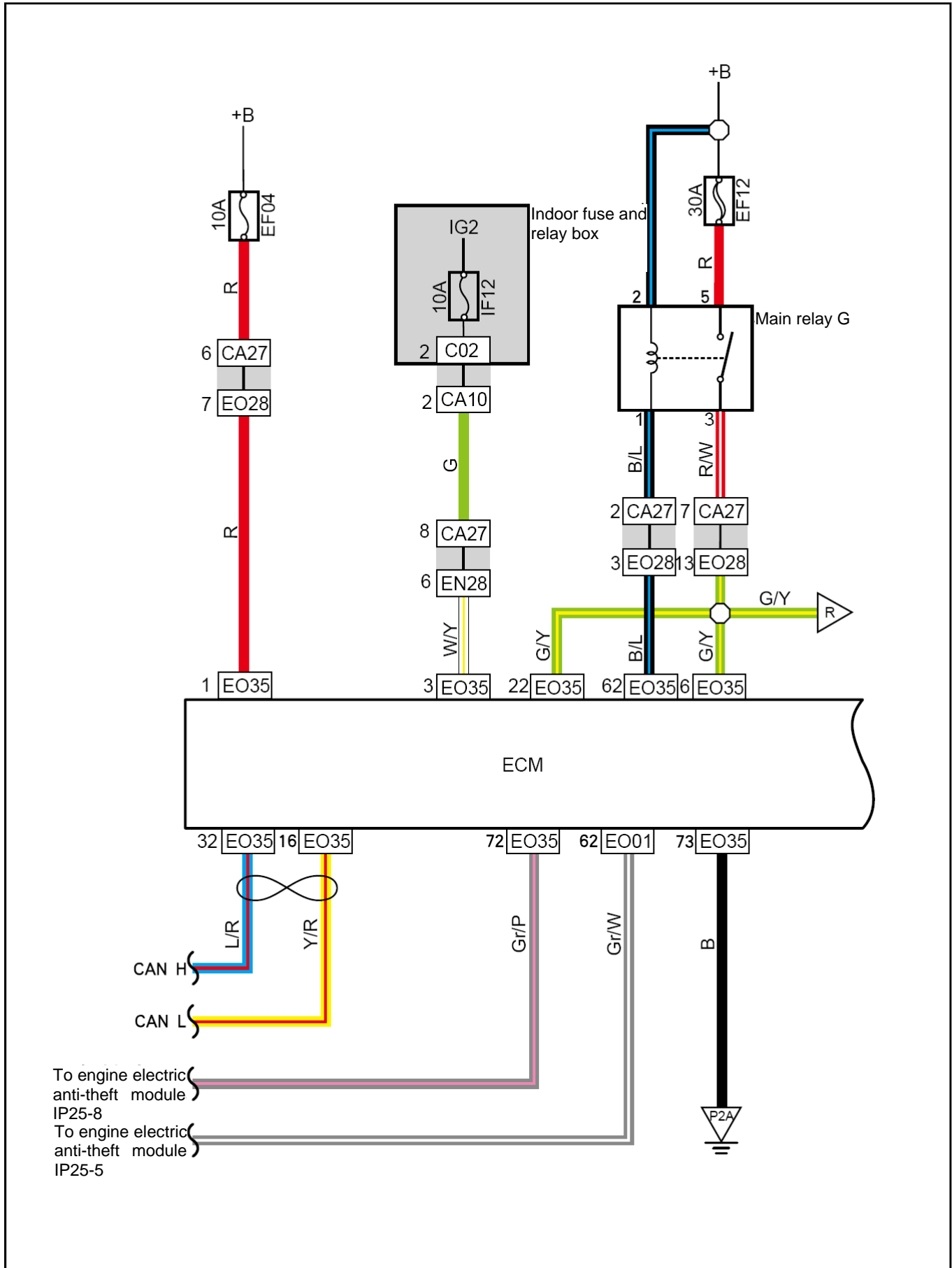
ECM Power Line, Data Line, Grounding Line



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA27	To engine harness connector	25
EN01	Engine control module harness connector	33
EN28	To bonnet distribution box harness connector	33
C02	Indoor fuse box back connector	19
P1	Engine compartment grounding	97
P2	Engine compartment grounding	97

Connection point	Description	Page
EN01-15	To engine electronic anti-theft module IP25-8	192
EN01-23	To engine electronic anti-theft module IP25-5	192
A	Main relay power output	146/154/168 176/184/208
EN01-33	CAN H	338
EN01-34	CAN L	338

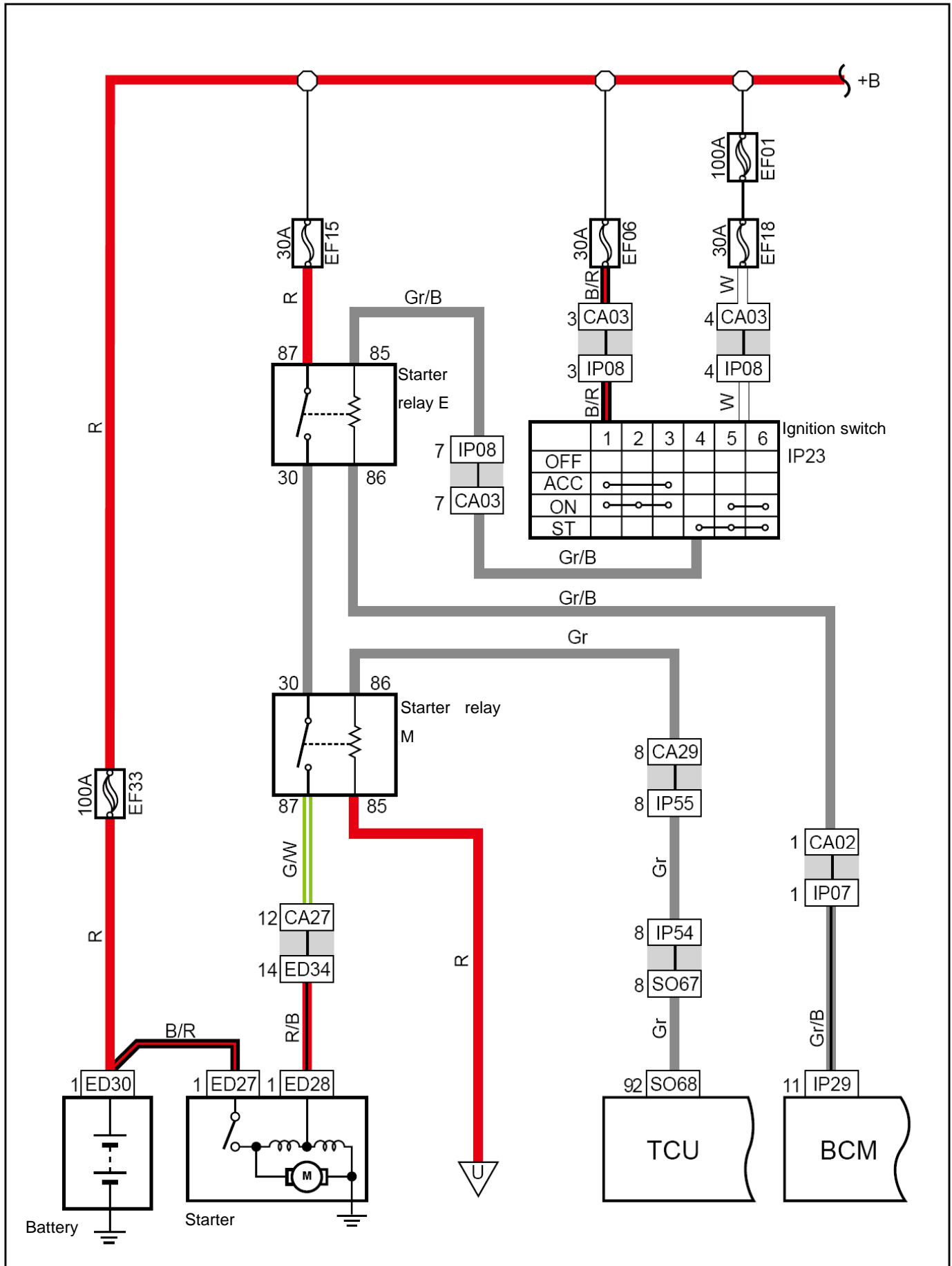
ECM Power Line, Data Line, Grounding Line (JL4G15-G)



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA27	To engine harness connector	25
EO28	To bonnet distribution box (3) (JL4G15-G)	40
EO35	ECM (C) harness connector (JL4G15-G)	39
C02	Indoor fuse box back connector	19
P2A	Engine compartment grounding	98

Connection point	Description	Page
EO35-72	To engine electronic anti-theft module IP25-8	194
EO01-62	To engine electronic anti-theft module IP25-5	194
R	Main relay power output	148/156/170 178/186/210
EO35-32	CAN H	340
EO35-16	CAN L	340

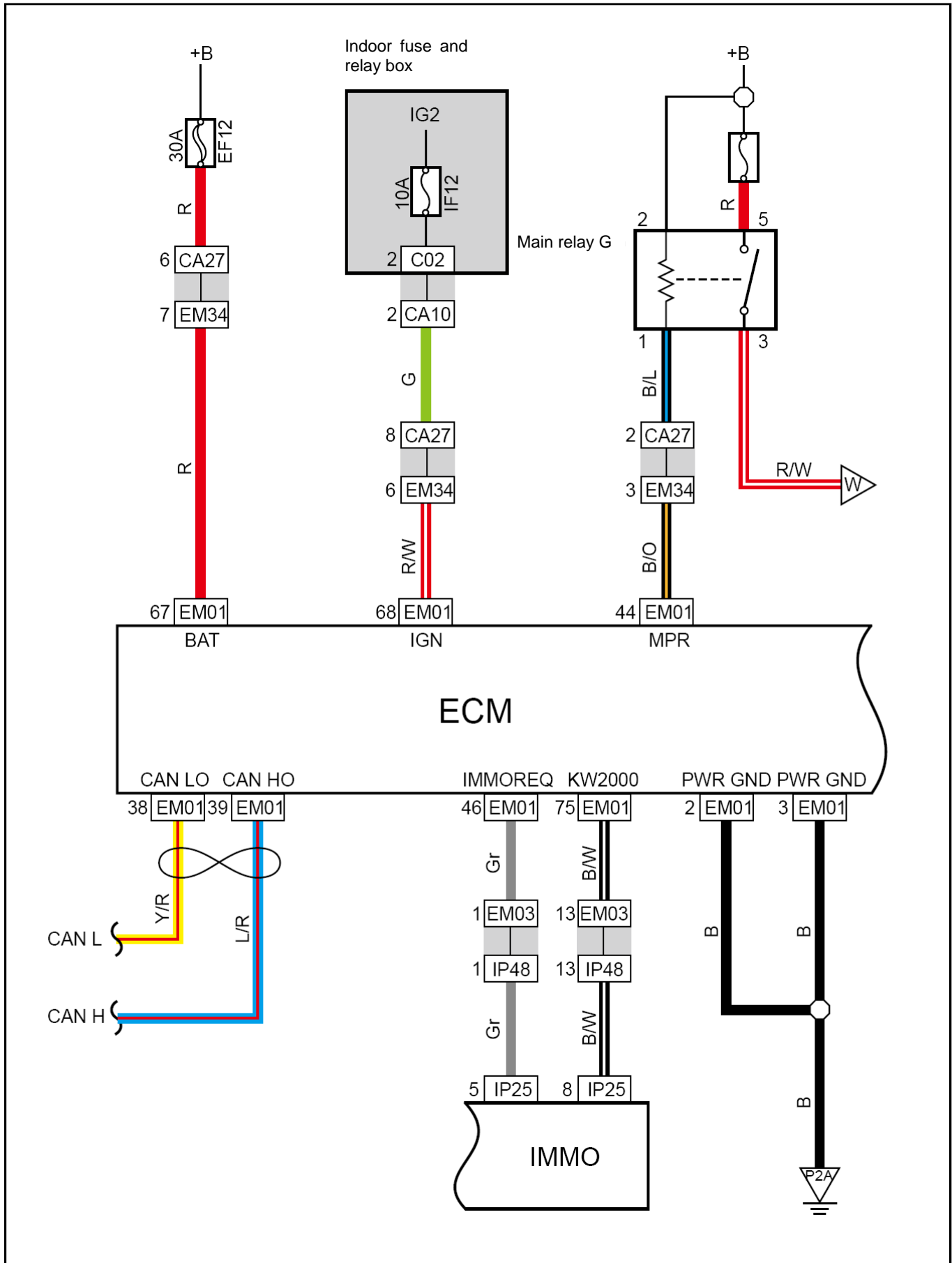
ECM Power Line, Data Line, Grounding Line (CVT)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
C02	Indoor fuse box back connector	19
CA10	To fuse box 3 harness connector	24
ED01	Engine control module harness connector	45
SO68	Automatic transmission controller harness connector	84/87
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
ED04	To instrument panel harness 2 harness connector	45
IP53	To engine harness (2) harness connector	65
ED03	To instrument panel harness 1 harness connector	45
IP48	To engine harness, harness connector	62
IP25	Engine immobilizer unit 1 harness connector	56
P2A	Engine grounding	100

Connection point	Description	Page
S	Main relay power output	150/172/180 188/212
ED01-38	CAN-LOW	342
ED01-39	CAN-HI	342

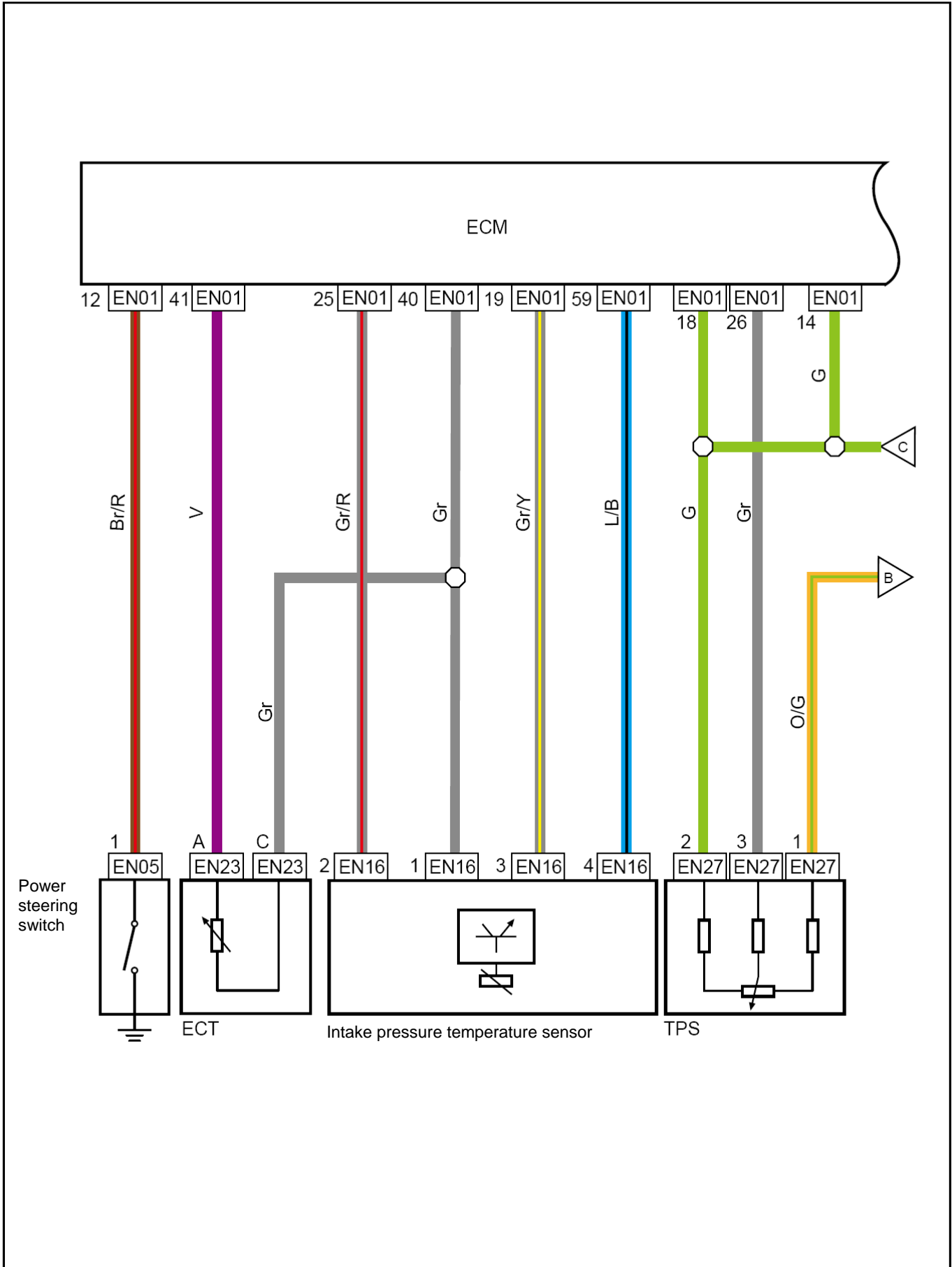
ECM Power Line, Data Line, Grounding Line (JL4G15-N)



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA27	To engine harness connector	25
EM01	Engine control module harness connector	51
EM03	To instrument harness, harness connector	51
EM34	To bonnet distribution box 3 harness connector	51
C02	Indoor fuse box back connector	19
P2A	Engine compartment grounding	100

Connection point	Description	Page
W	Main relay power output	152/158/174 182/190/214
EM01-38	CAN L	344
EM01-39	CAN H	344

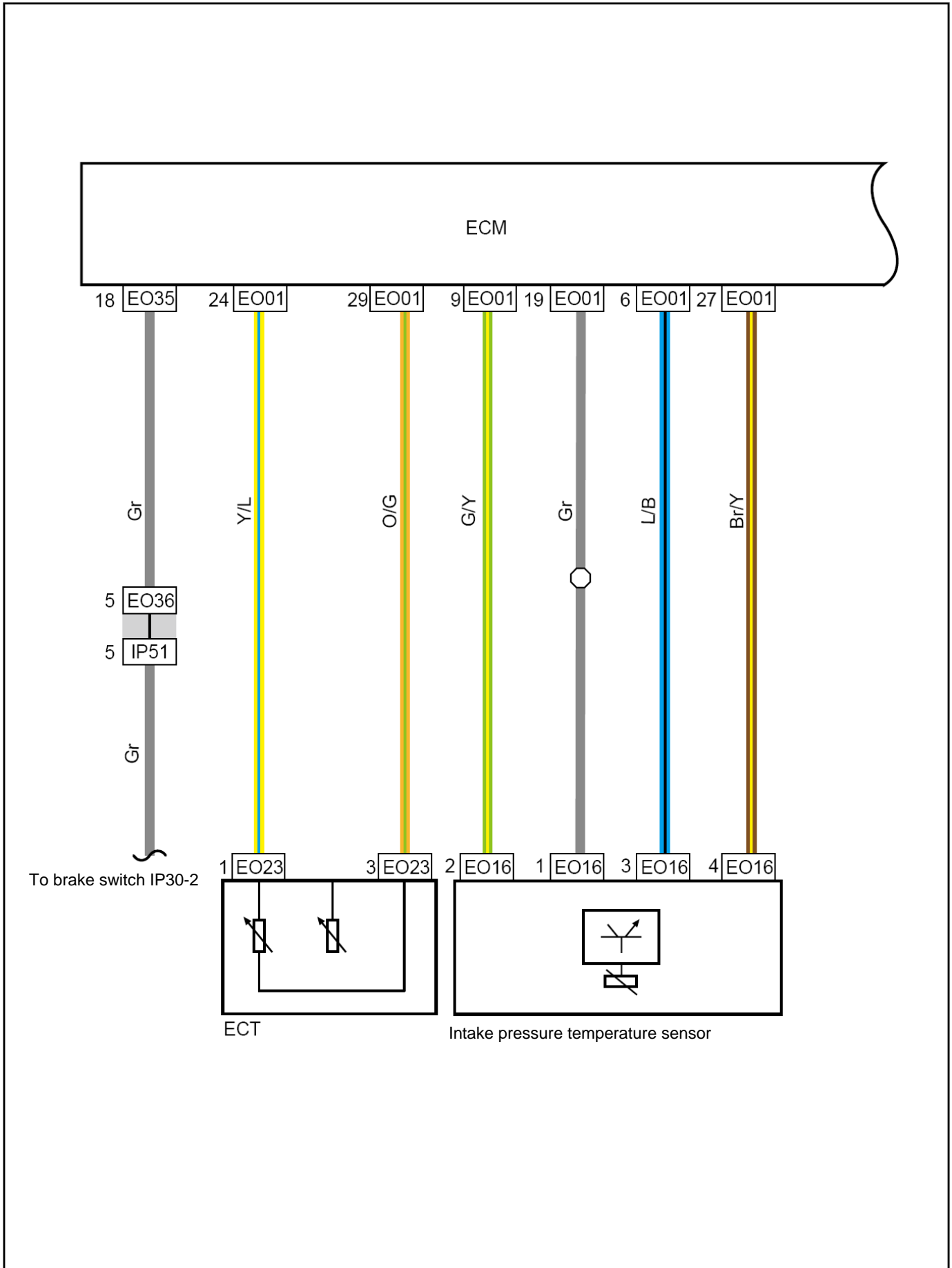
ECM Sensor



Harness connector	Name	Page
EN01	Engine control module harness connector	33
EN05	Power steering switch harness connector	34
EN16	Intake pressure temperature sensor harness connector	34
EN23	Engine coolant sensor harness connector	34
EN27	Throttle position sensor harness connector	34

Connection point	Description	Page
B	Sensor to ECM internal low reference circuit	140/146
C	Sensor 5V reference power supply	146

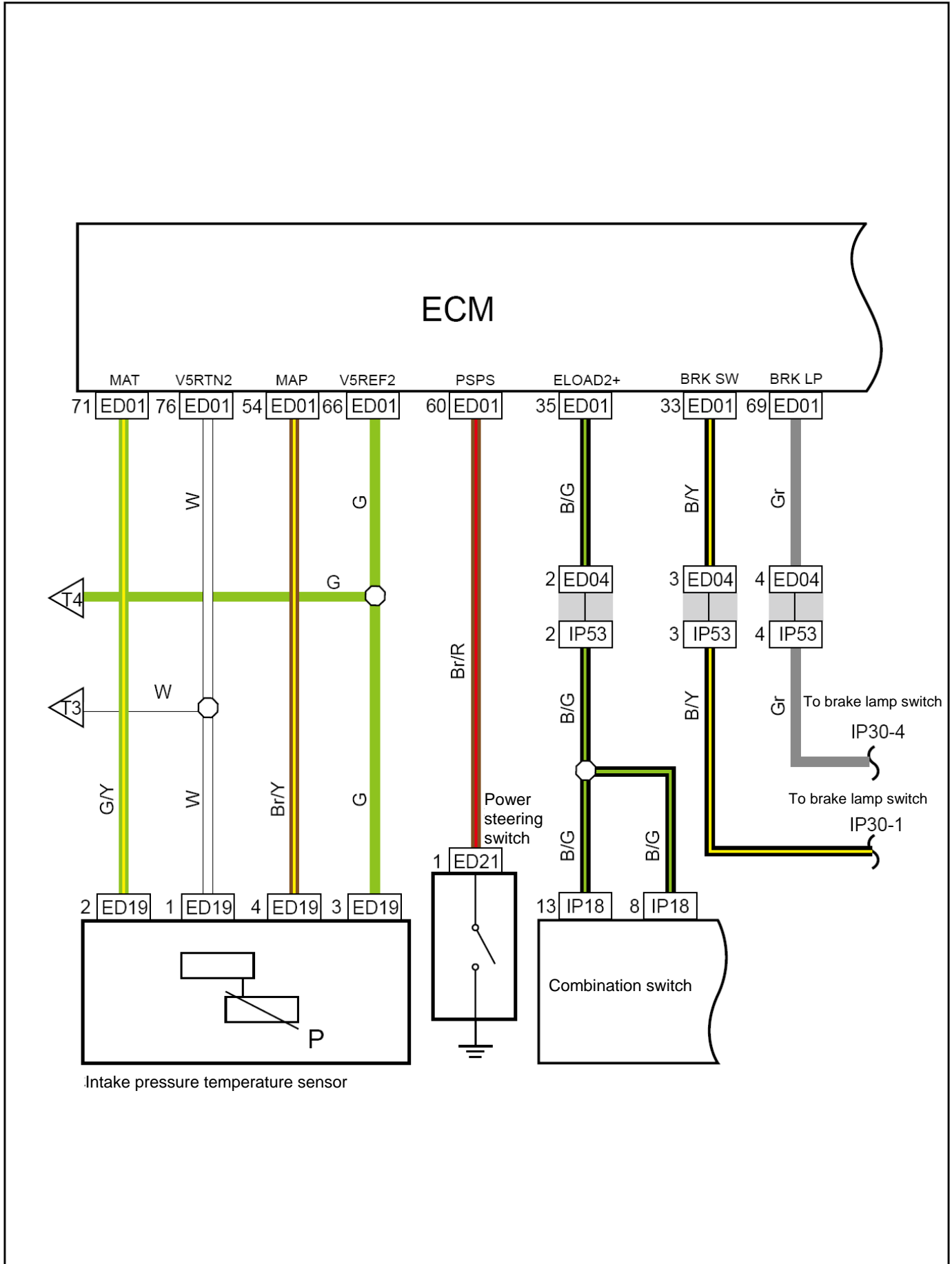
ECM Sensor (JL4G15-G)



Harness connector	Name	Page
EO01	ECM (E) harness connector (JL4G15-G)	39
EO16	Sensor 5V reference power supply (JL4G15-G)	40
EO23	Coolant temperature sensor harness connector (JL4G15-G)	40
EO36	To instrument harness connector(2)(JL4G15-G)	39
IP51	To engine harness (JL4G15-G)	62

Connection point	Description	Page
IP30-2	To brake switch	298

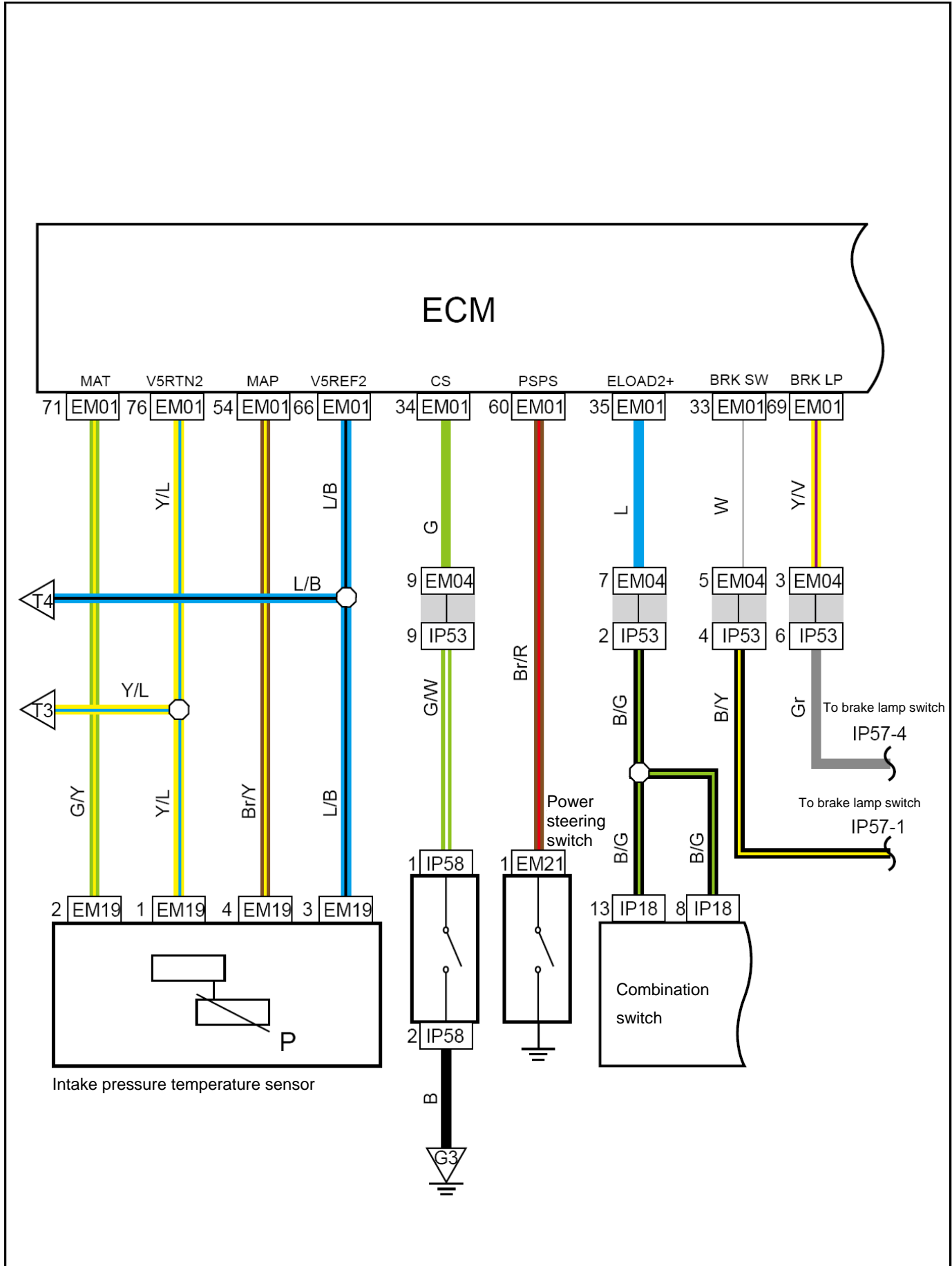
ECM Sensor (CVT)



Harness connector	Name	Page
ED01	Engine control module harness connector	45
ED04	To instrument harness (2) harness connector	45
IP53	To engine harness (2) harness connector	65
IP18	Light combination switch harness connector	56
ED21	Power steering switch harness connector	46
ED19	Intake pressure temperature sensor harness connector	46

Connection point	Description	Page
T3	Sensor grounding	142
T4	Sensor 5V power supply	142
ED01-33	To brake lamp switch IP30-4	300
ED01-69	To brake lamp switch IP30-1	300

ECM Sensor (JL4G15-N)

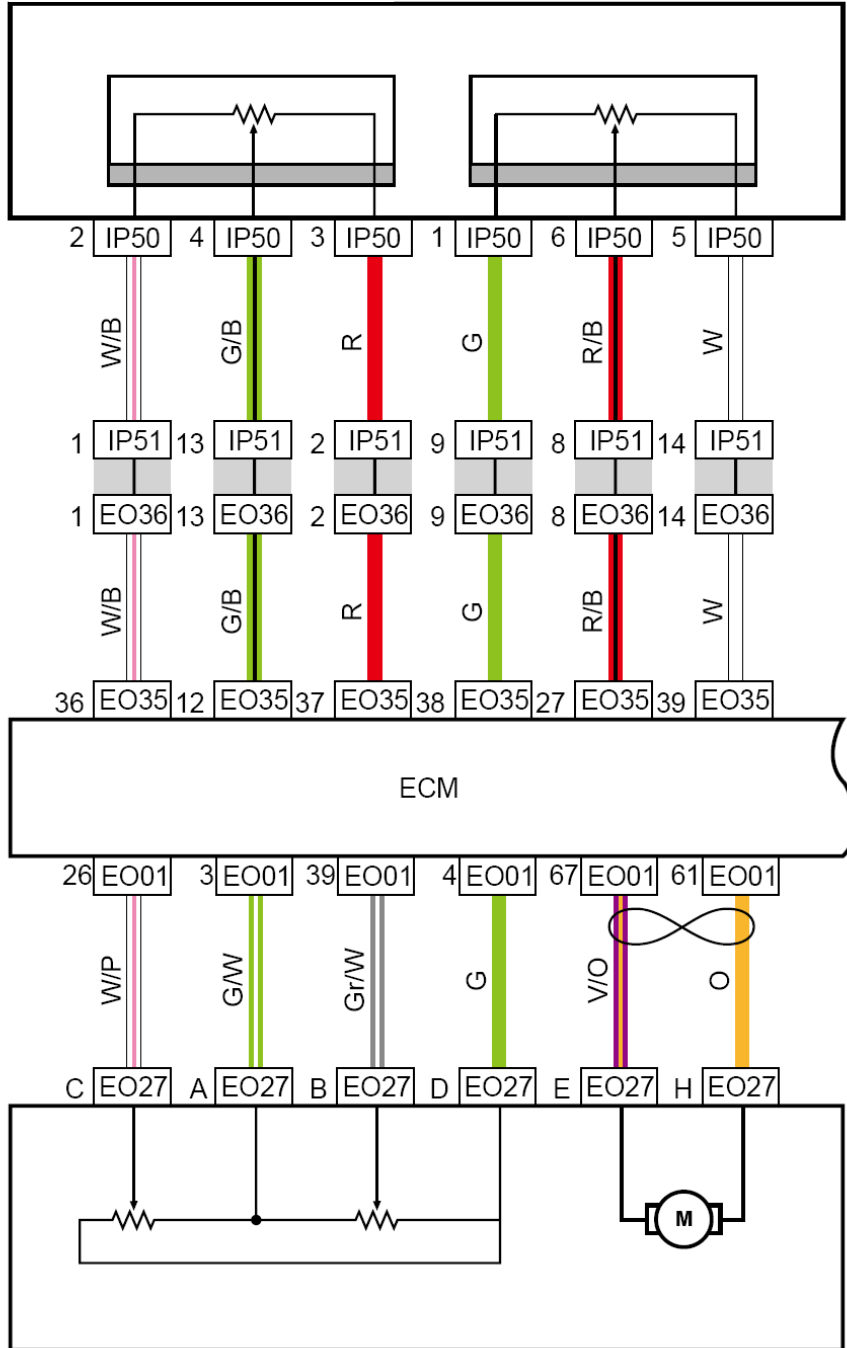


Harness connector	Name	Page
EM01	Engine control module harness connector	51
EM04	To instrument harness, harness connector	51
IP53	To engine harness (2) harness connector	65
IP18	Light combination switch harness connector	56
EM21	Power steering switch harness connector	51
EM19	Intake pressure temperature sensor harness connector	51

Connection point	Description	Page
T3	Sensor grounding	144
T4	Sensor 5V power supply	144
EM01-33	To brake lamp switch IP57-1	302
EM01-69	To brake lamp switch IP57-4	302

Electronic Throttle (JL4G15-G)

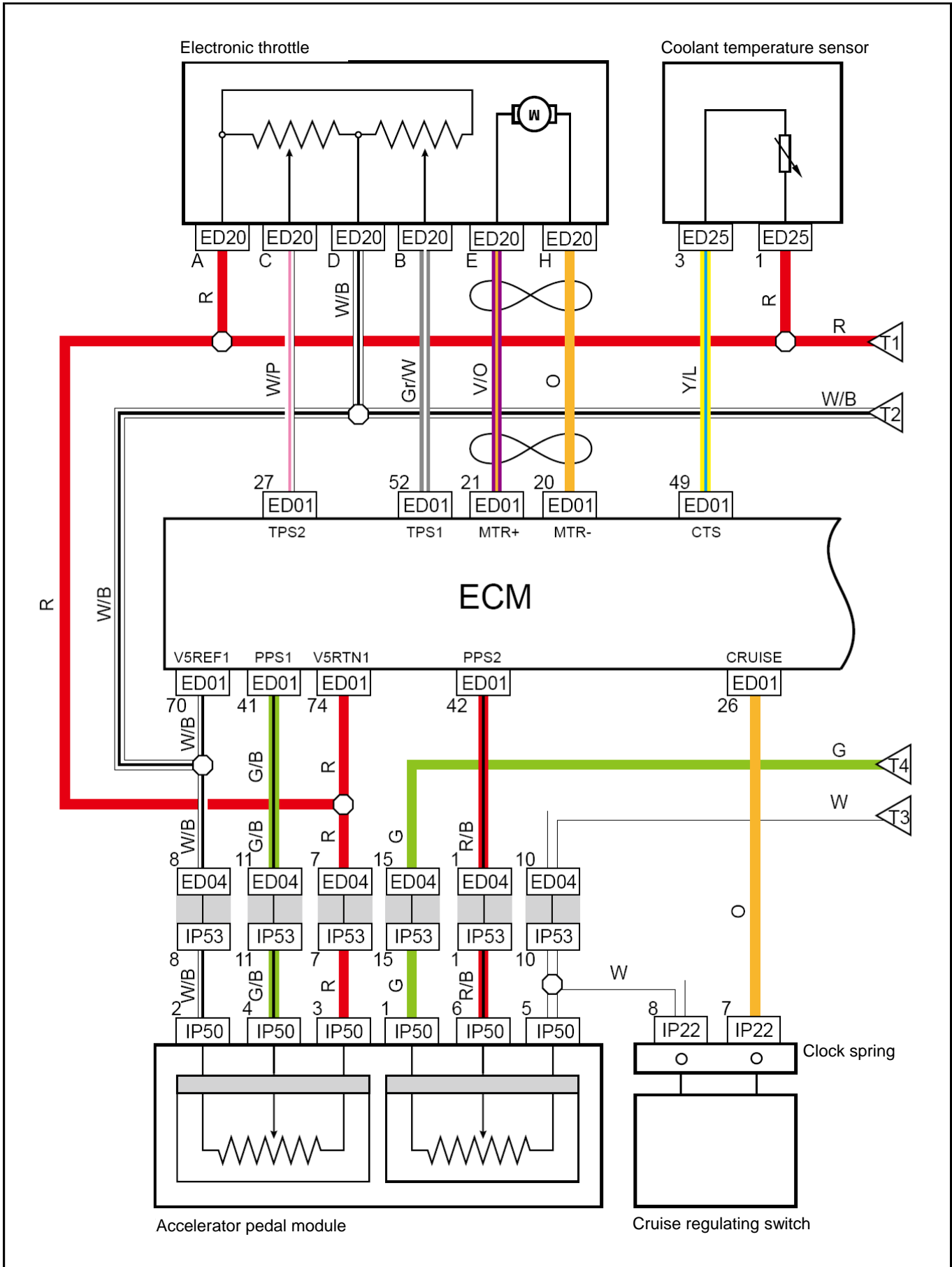
Accelerator pedal position sensor



Electronic throttle body

Harness connector	Name	Page
EO01	ECM (E) harness connector (JL4G15-G)	39
EO27	Electronic throttle body harness connector (JL4G15-G)	40
EO36	To instrument harness connector(2)(JL4G15-G)	39
IP50	To accelerator pedal position sensor (JL4G15-G)	62
IP51	To engine harness (JL4G15-G)	62

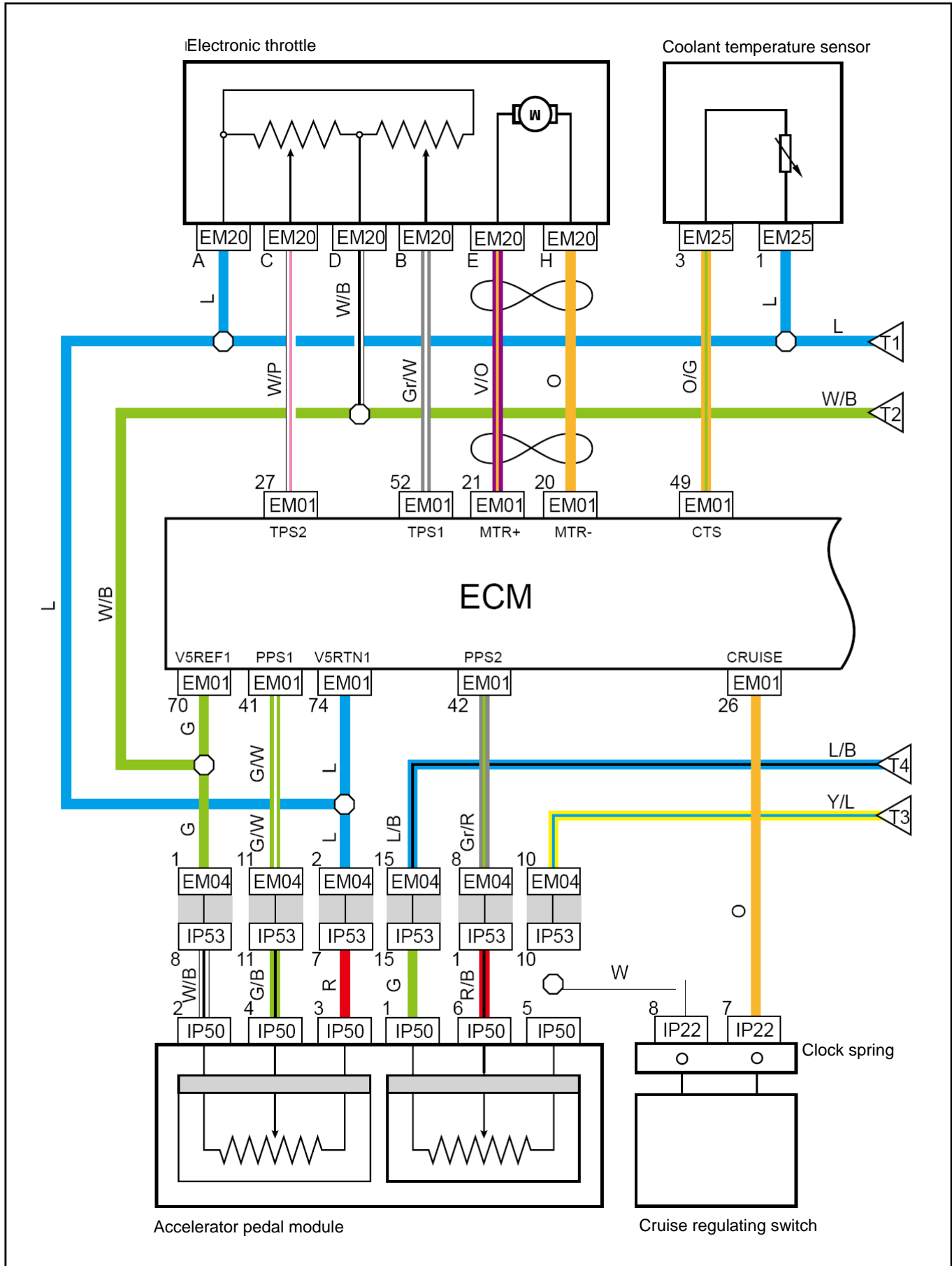
Electronic Throttle (CVT)



Harness connector	Name	Page
ED01	Engine control module harness connector	45
ED04	To instrument harness (2) harness connector	45
ED20	Electronic throttle harness connector	46
ED25	Engine coolant temperature sensor harness connector	46
IP53	To engine harness (2) harness connector	65
IP22	Clock spring 1 (horn switch) harness connector	56
IP50	To accelerator pedal position sensor	62

Connection point	Description	Page
T1	Sensor grounding	164
T2	Sensor 5V power supply	164
T3	Sensor grounding	136
T4	Sensor 5V power supply	136

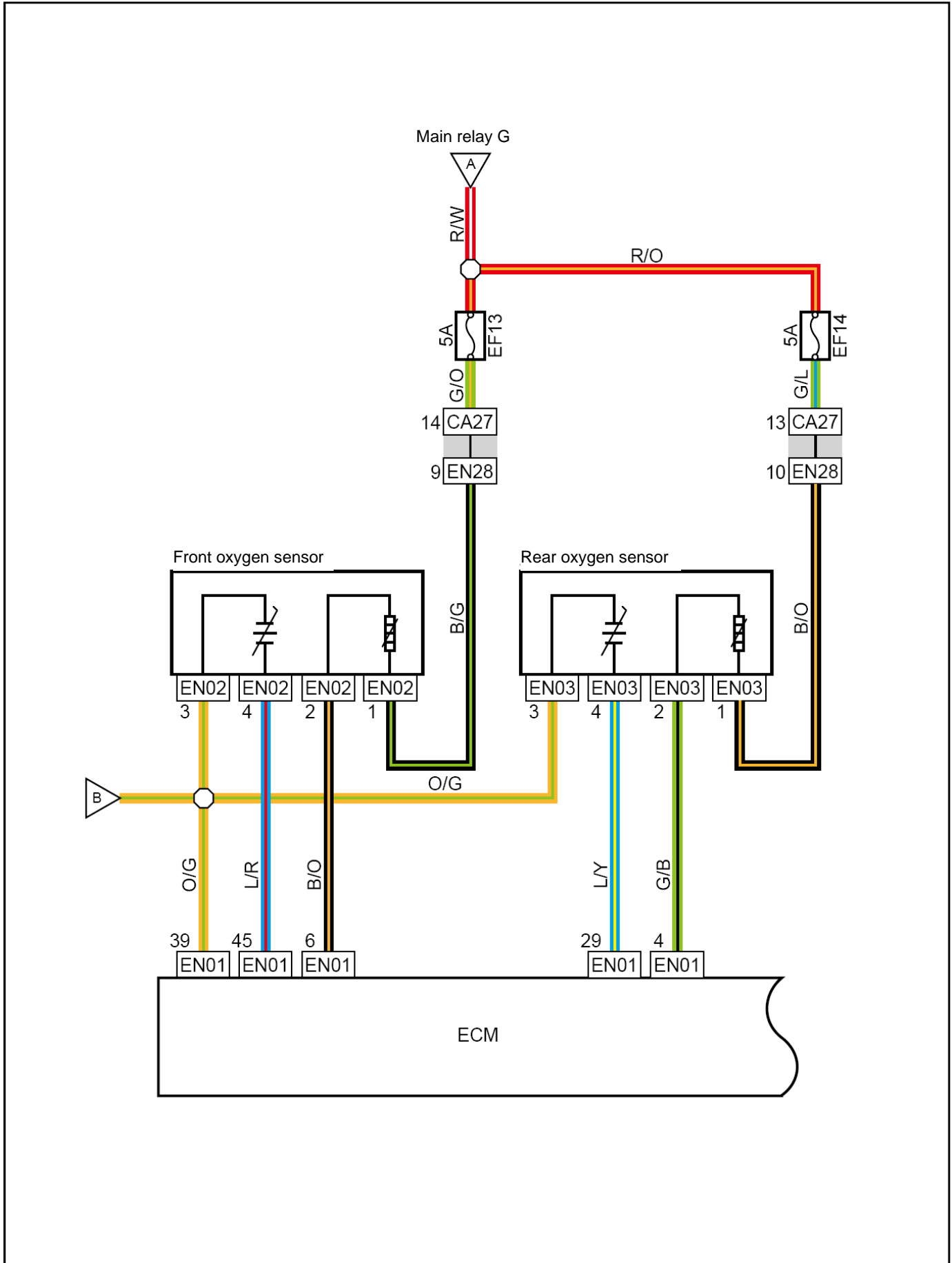
Electronic Throttle (JL4G15-N)



Harness connector	Name	Page
EM01	ECM harness connector	51
EM04	To instrument harness, harness connector	51
EM20	Electronic throttle harness connector	51
EM25	Engine coolant temperature sensor harness connector	51
IP53	To engine harness (2) harness connector	67
IP22	Clock spring 1 (horn switch) harness connector	56
IP50	To accelerator pedal position sensor	62

Connection point	Description	Page
T1	Sensor grounding	166
T2	Sensor 5V power supply	166
T3	Sensor grounding	138
T4	Sensor 5V power supply	138

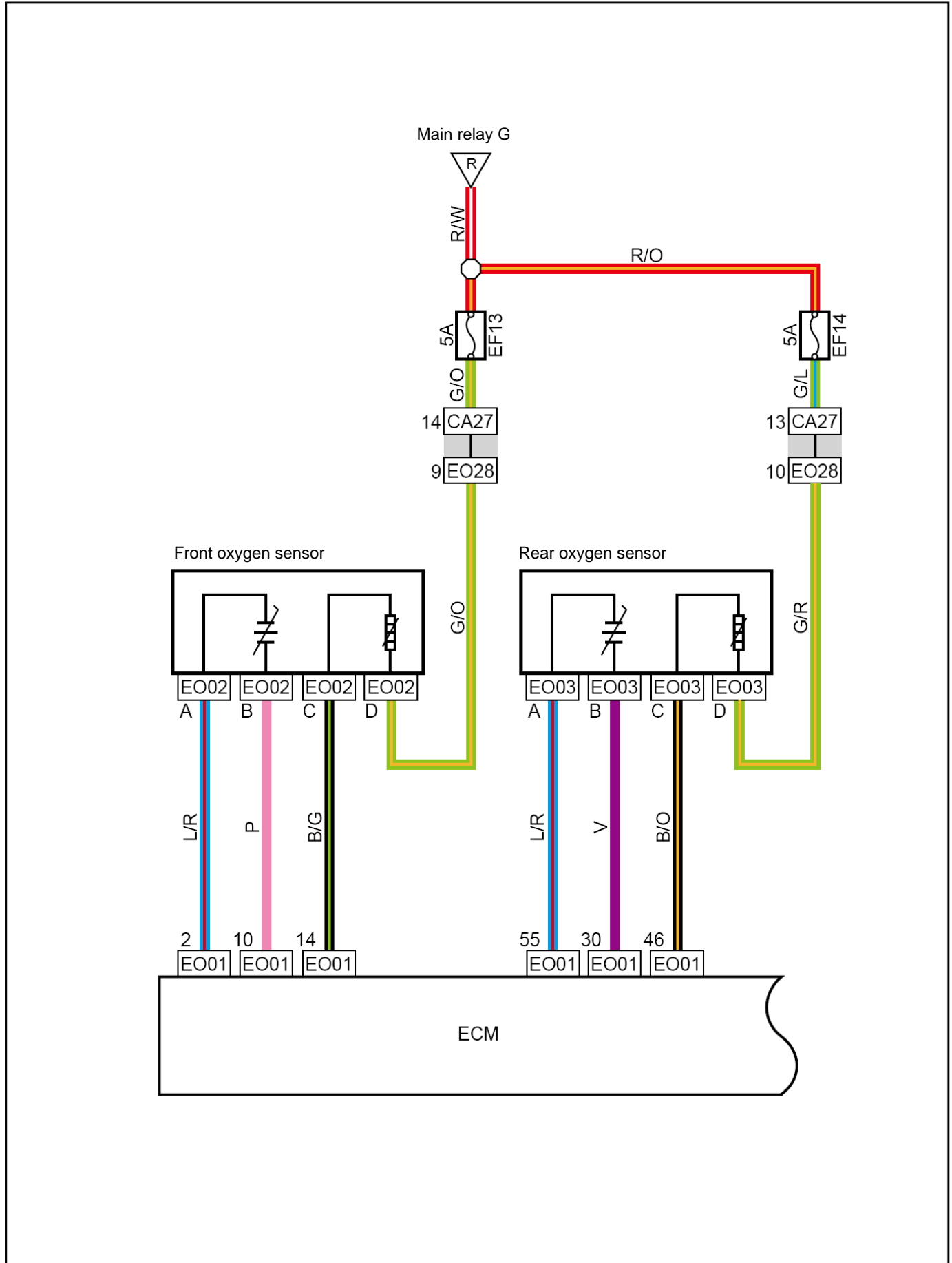
Oxygen Sensor



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EN01	Engine control module harness connector	33
EN02	Front oxygen sensor harness connector	34
EN03	Rear oxygen sensor harness connector	34
EN28	To bonnet distribution box harness connector	34

Connection point	Description	Page
A	Main relay power output	124
B	Sensor to ECM internal low reference circuit	132

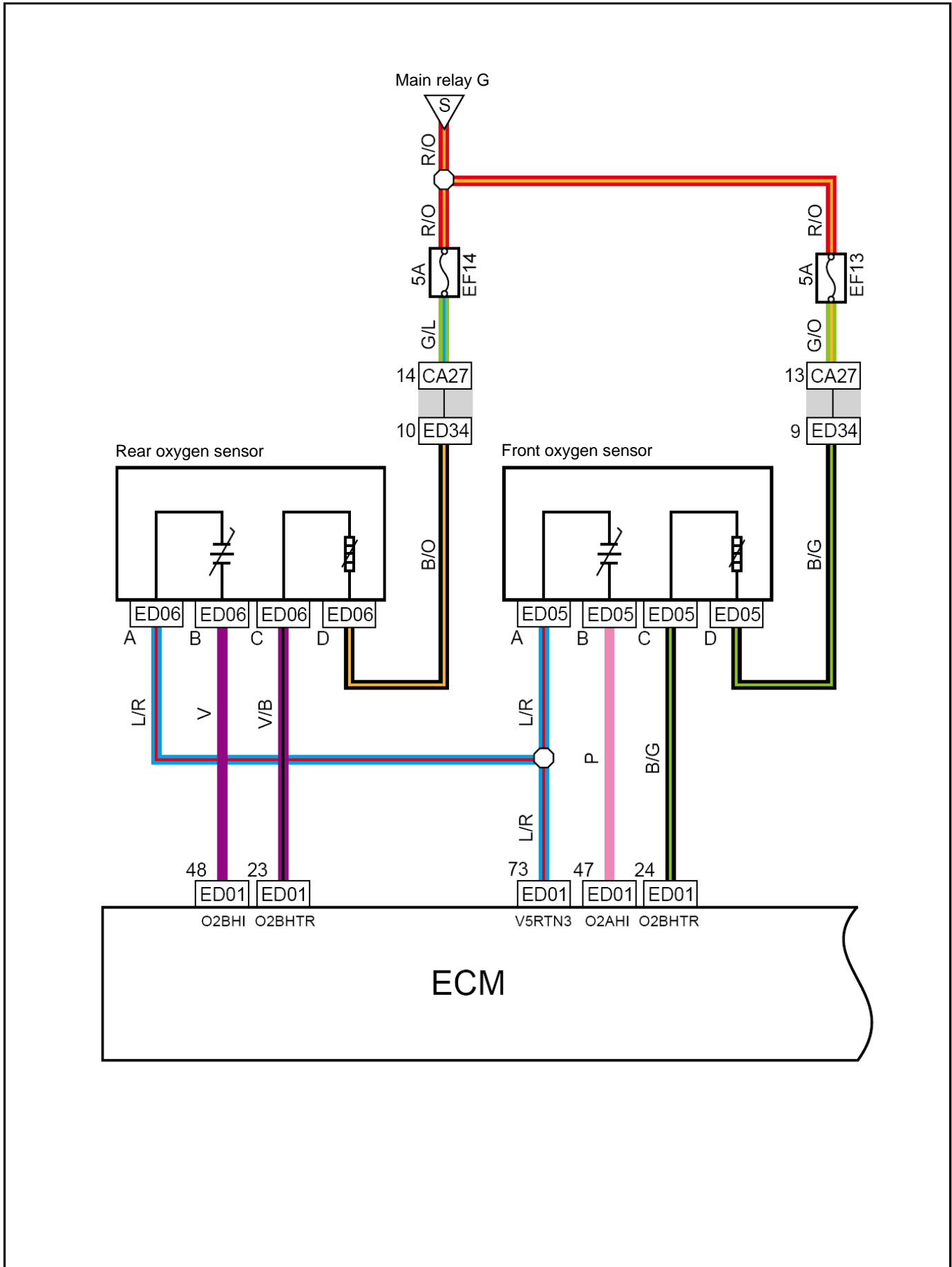
Oxygen Sensor (JL4G15-G)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EO01	ECM (E) harness connector (JL4G15-G)	39
EO02	Front oxygen sensor harness connector (JL4G15-G)	40
EO03	Rear oxygen sensor harness connector (JL4G15-G)	40
EO28	To bonnet distribution box (3) (JL4G15-G)	40

Connection point	Description	Page
R	Main relay power output	126

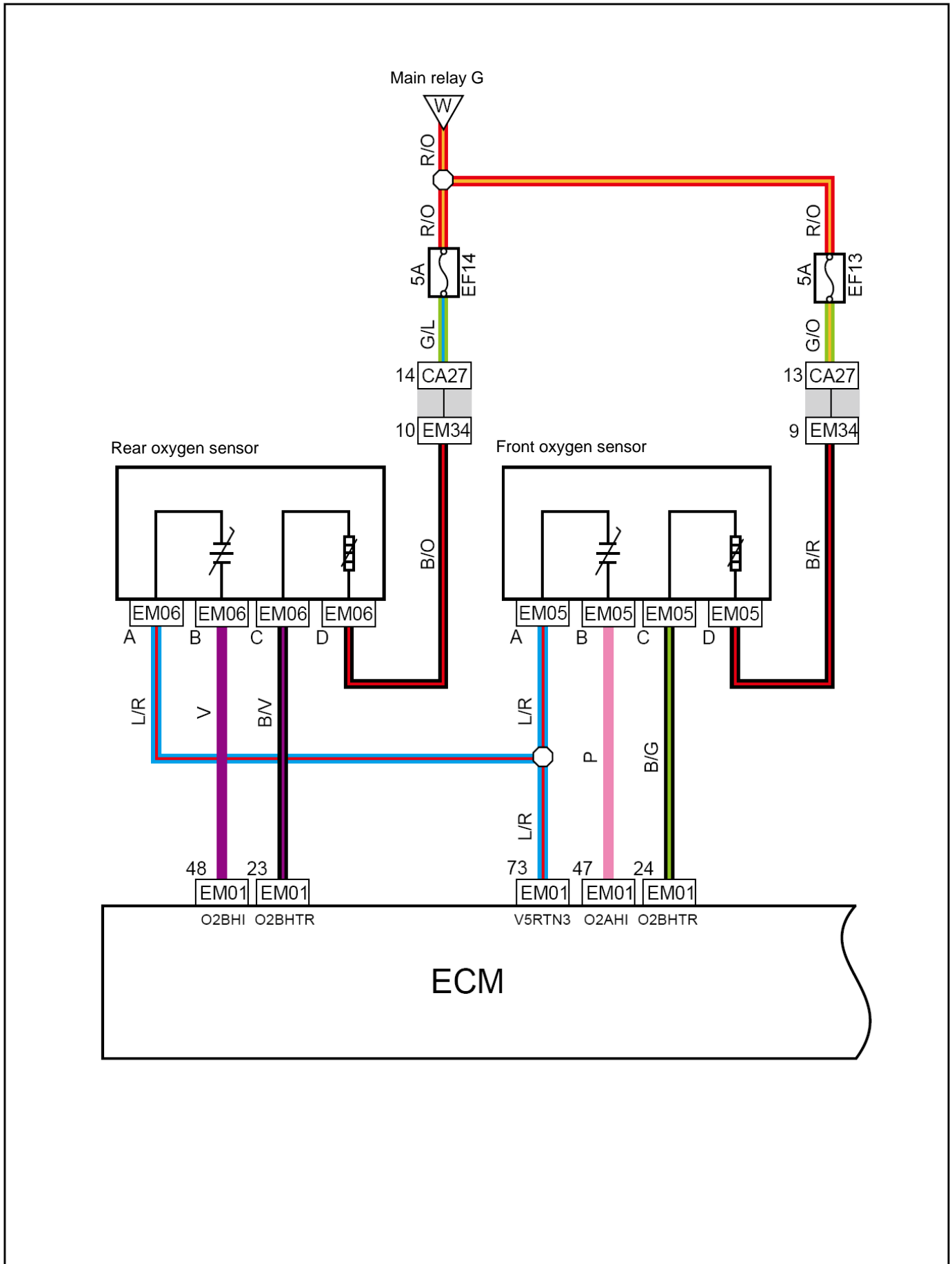
Oxygen Sensor (CVT)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
ED06	Rear oxygen sensor harness connector	46
ED05	Front oxygen sensor harness connector	46
ED01	Engine control module harness connector	45

Connection point	Description	Page
S	Main relay output power supply	128

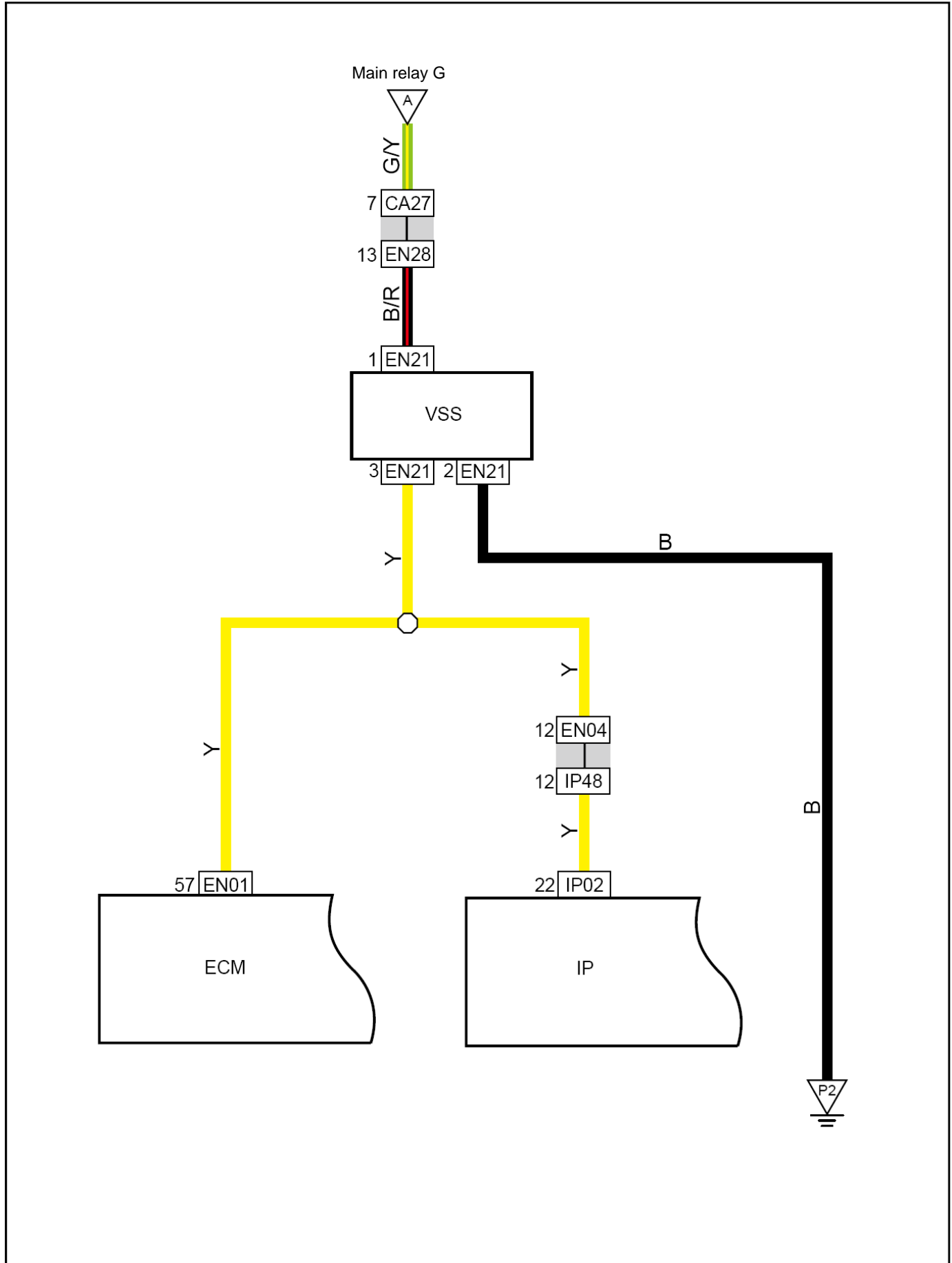
Oxygen Sensor (JL4G15-N)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EM34	To bonnet distribution box (3) harness connector	51
EM06	Rear oxygen sensor harness connector	51
EM05	Front oxygen sensor harness connector	51
EM01	ECM harness connector	51

Connection point	Description	Page
W	Main relay output power supply	130

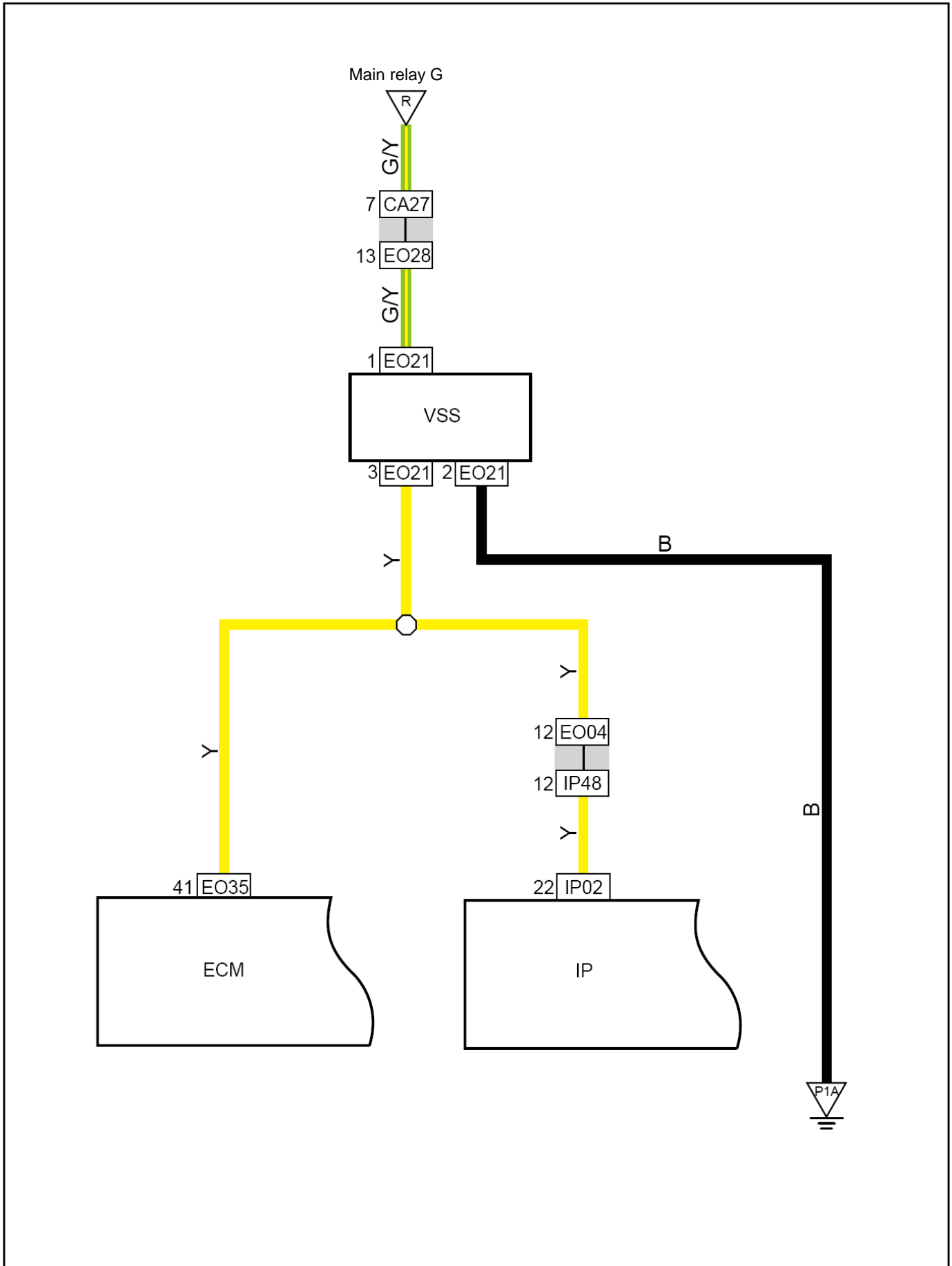
Vehicle Speed Sensor



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EN01	Engine control module harness connector	33
EN04	To instrument harness connector	33
EN21	Vehicle speed sensor harness connector	34
EN28	To bonnet distribution box harness connector	34
IP02	Instrument cluster to multi-function instrument harness connector	51
IP48	To engine harness connector	51
P2	Engine compartment grounding	97

Connection point	Description	Page
A	Main relay output power supply	124

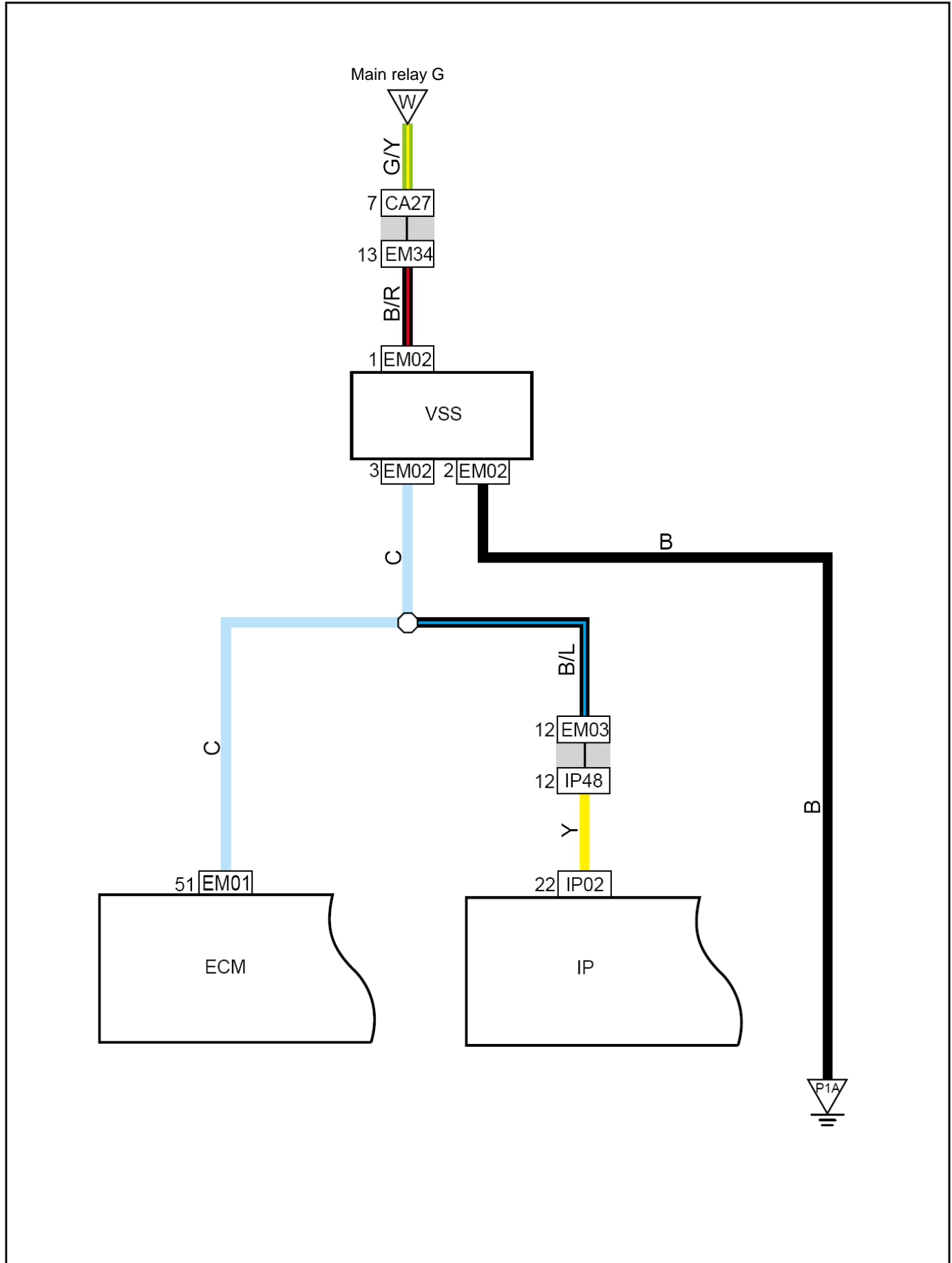
Vehicle Speed Sensor (JL4G15-G)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EO04	To instrument harness connector (JL4G15-G)	39
EO21	Vehicle speed sensor harness connector (JL4G15-G)	40
EO28	To bonnet distribution box (3) (JL4G15-G)	40
EO35	ECM (C) harness connector (JL4G15-G)	39
IP02	Instrument cluster to multi-function instrument harness connector	56
IP48	To engine harness connector	56
P2	Engine compartment grounding	97

Connection point	Description	Page
R	Main relay output power supply	126

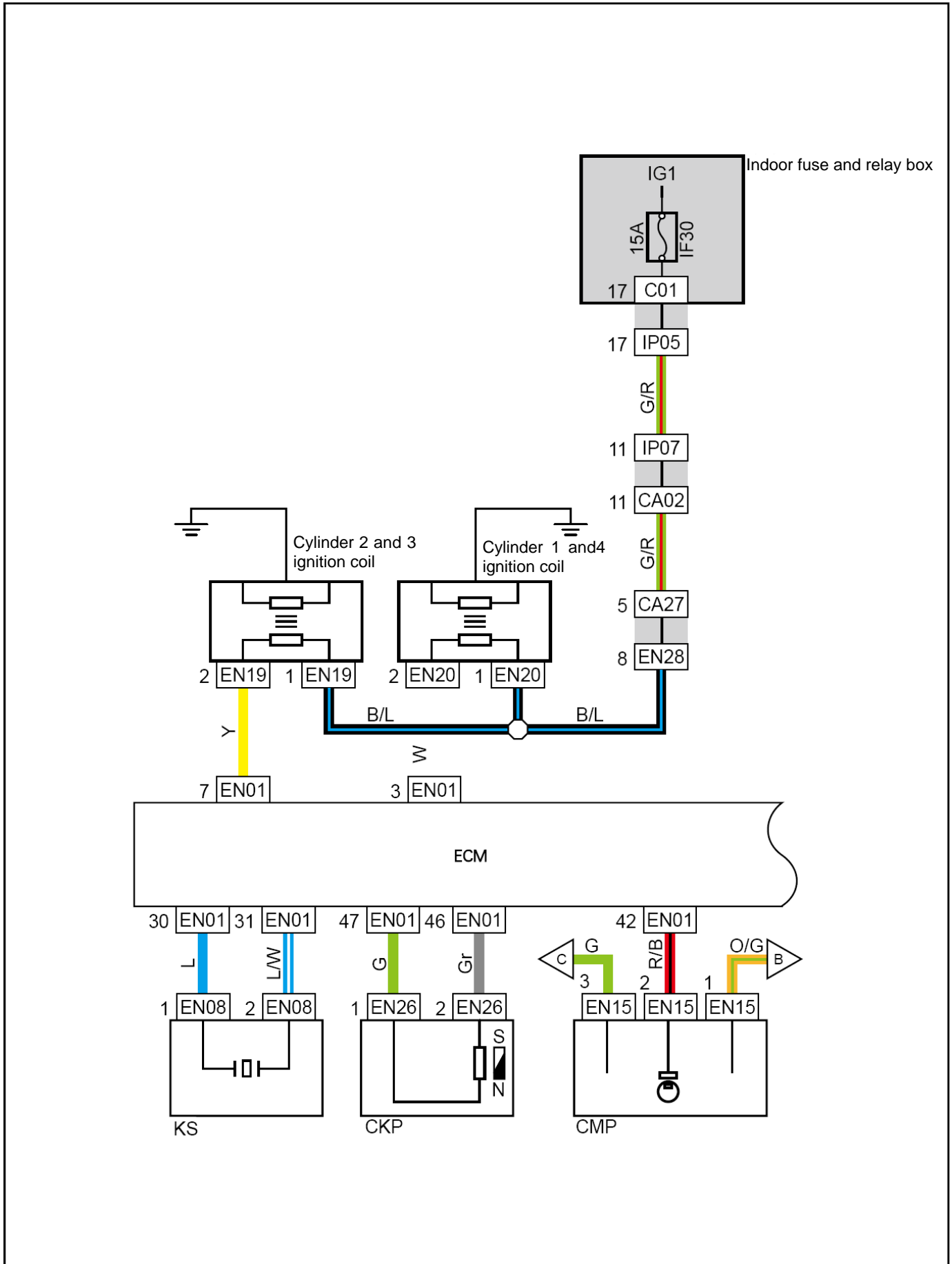
Vehicle Speed Sensor (JL4G15-N)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EM01	ECM harness connector	51
EM02	Vehicle speed sensor harness connector	51
EM03	To instrument harness, harness connector	51
EM34	To bonnet distribution box 3 harness connector	51
IP02	Instrument cluster to multi-function instrument harness connector	56
IP48	To engine harness connector	56
P2	Engine compartment grounding	97

Connection point	Description	Page
W	Main relay output power supply	130

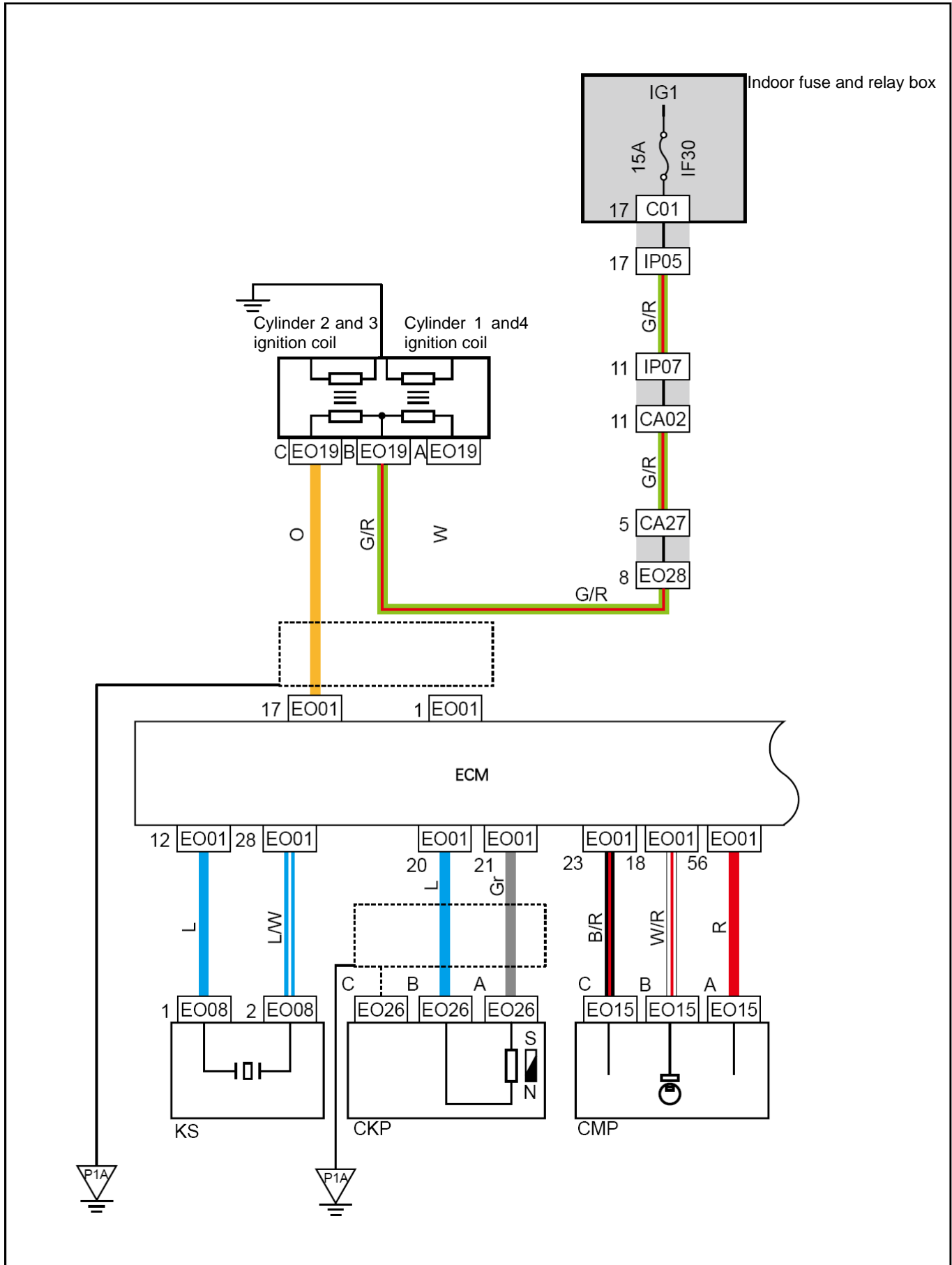
ECM Ignition System



Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA27	To engine harness connector	25
EN01	Engine control module harness connector	33
EN08	Shock sensor harness connector	34
EN15	Camshaft position sensor harness connector	34
EN19	Ignition coil 1 harness connector	34
EN20	Ignition coil 2 harness connector	34
EN26	Engine speed sensor harness connector	34
EN28	To bonnet distribution box harness connector	34
IP05	To indoor fuse and relay box harness connector	56
IP07	To engine compartment harness connector	56
C01	Indoor fuse box back connector	19

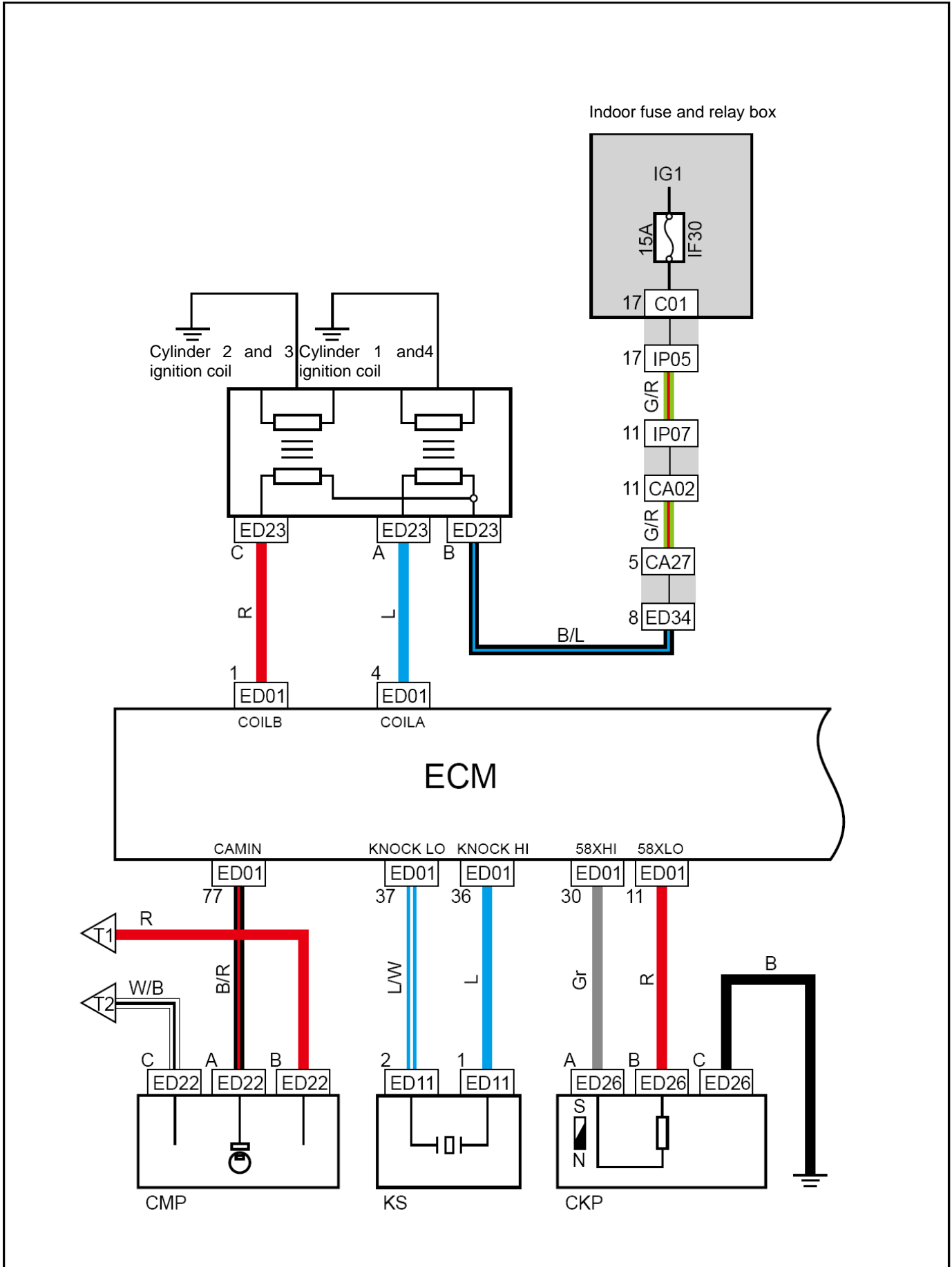
Connection point	Description	Page
B	Sensor to ECM internal low reference circuit	132
C	Sensor 5V reference power supply	132

ECM Ignition System (JL4G15-G)



Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA27	To engine harness connector	25
EO01	ECM (E) harness connector (JL4G15-G)	39
EO08	Shock sensor harness connector(JL4G15-G)	40
EO15	Camshaft position sensor harness connector(JL4G15-G)	40
EO19	Ignition coil harness connector (JL4G15-G)	40
EO26	Crankshaft position sensor harness connector (JL4G15-G)	40
EO28	To bonnet distribution box (3) (JL4G15-G)	40
IP05	To indoor fuse and relay box harness connector	56
IP07	To engine compartment harness connector	56
C01	Indoor fuse box back connector	19
P1A	Engine compartment grounding	98

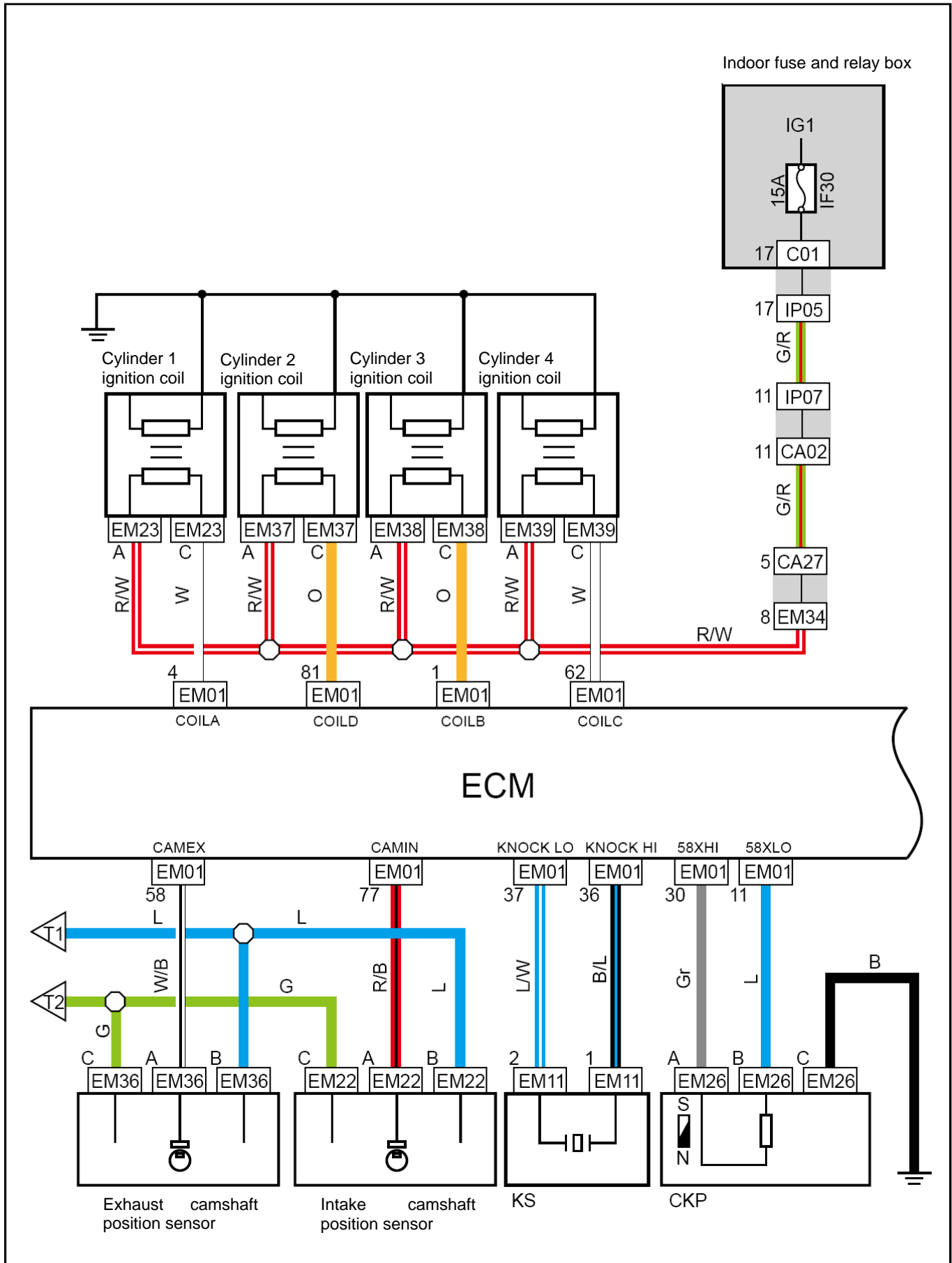
ECM Ignition System (CVT)



Harness connector	Name	Page
ED23	Ignition coil harness connector	46
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP07	To engine compartment harness, harness connector	56
CA02	To instrument harness 2 harness connector	24
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
ED01	Engine control module harness connector	45
ED22	Camshaft position sensor harness connector	46
ED11	Shock sensor harness connector	46
ED26	Engine speed sensor harness connector	46

Connection point	Description	Page
T1	Sensor grounding	142
T2	Sensor 5V power supply	142

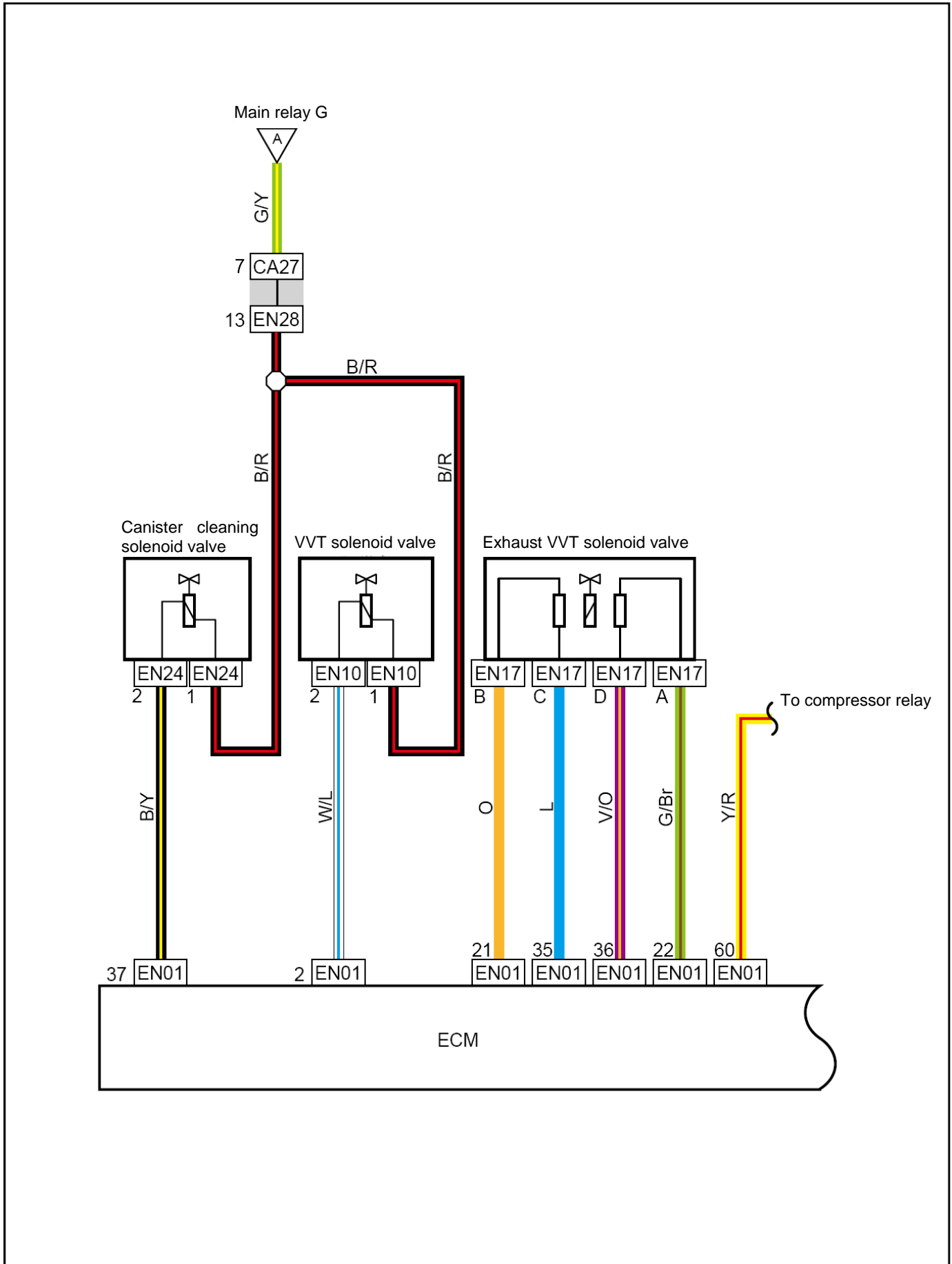
ECM Ignition System (JL4G15-N)



Harness connector	Name	Page
EM34	To bonnet distribution box 3 harness connector	51
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP07	To engine compartment harness, harness connector	56
CA02	To instrument harness 2 harness connector	24
CA27	To engine harness, harness connector	25
EM37	Ignition coil 2 harness connector	51
EM01	ECM harness connector	51
EM39	Ignition coil 4 harness connector	51
EM38	Ignition coil 3 harness connector	51
EM23	Ignition coil 1 harness connector	51
EM36	Exhaust phase sensor harness connector	51
EM22	Intake phase sensor harness connector	51
EM11	Shock sensor harness connector	51
EM26	Engine speed sensor harness connector	51

Connection point	Description	Page
T1	Sensor grounding	144
T2	Sensor 5V power supply	144

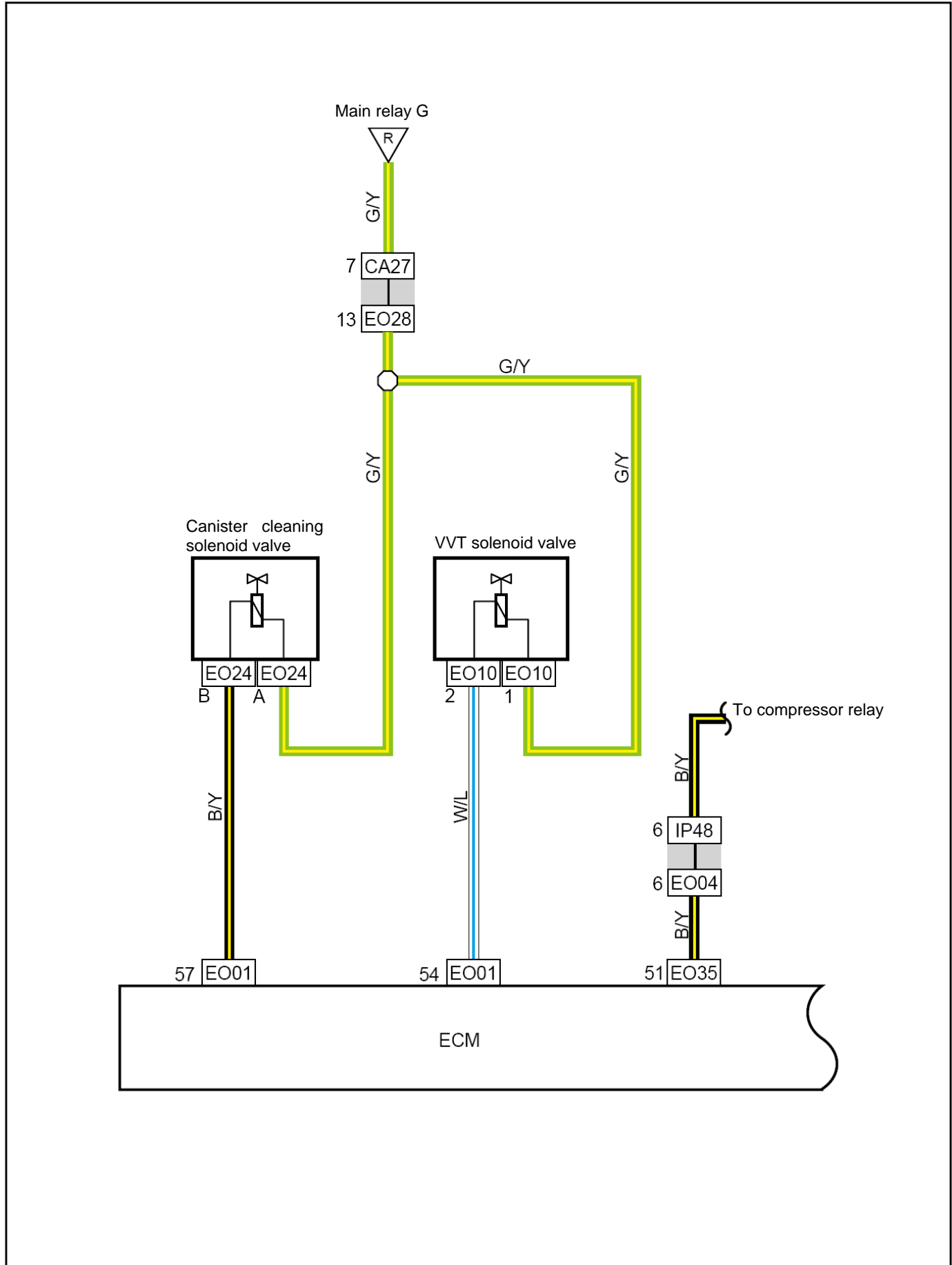
ECM Device Control



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EN01	Engine control module harness connector	33
EN10	VVT solenoid valve harness connector	34
EN17	Idling speed control valve harness connector	34
EN24	Canister solenoid valve harness connector	34
EN28	To bonnet distribution box harness connector	34

Connection point	Description	Page
A	Main relay output power supply(JL4G15-G)	124
EN01-60	To compressor relay	208

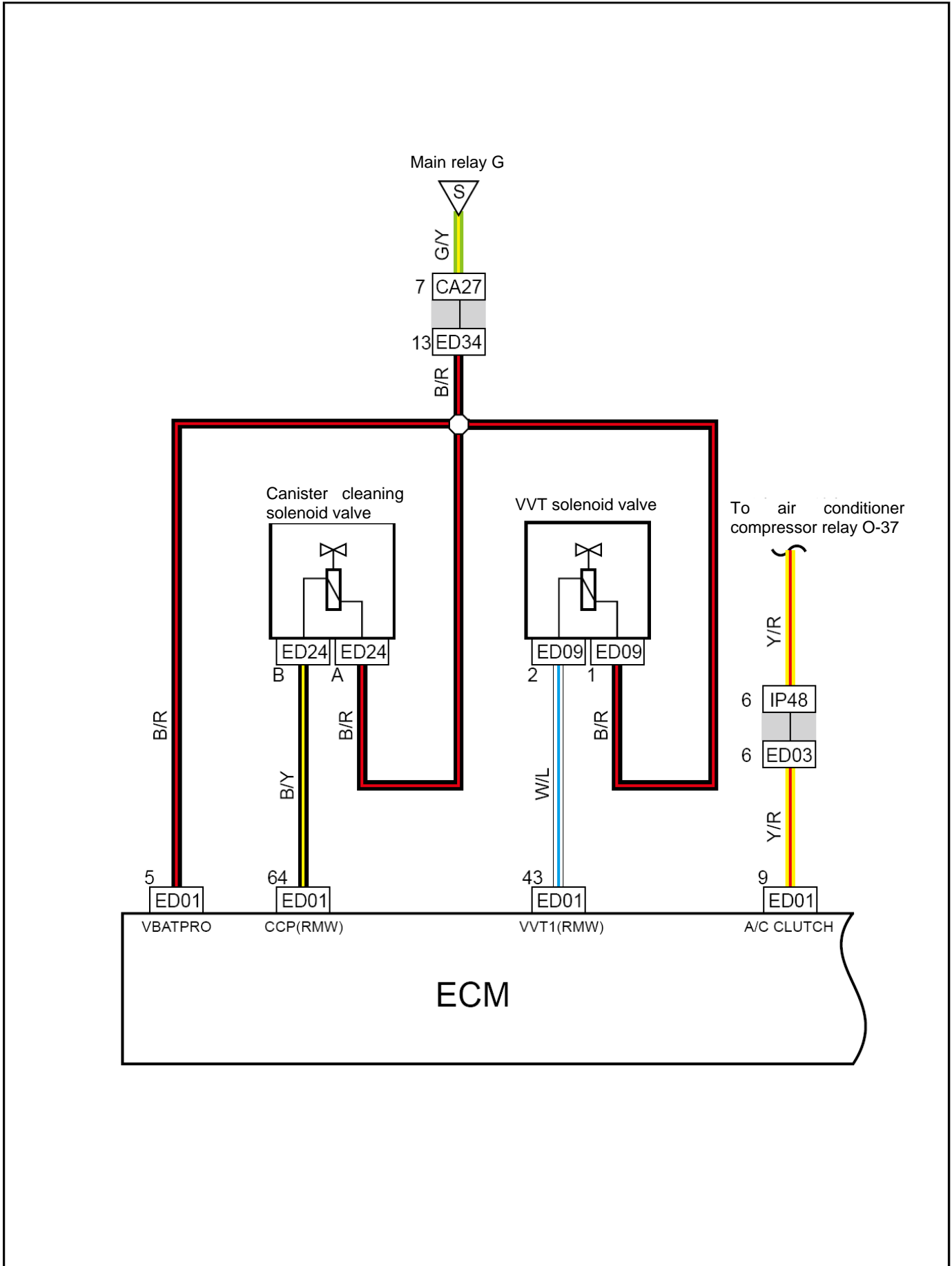
ECM Device Control (JL4G15-G)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EO01	Engine control module harness connector	39
EO04	To instrument harness connector (JL4G15-G)	39
EO10	VVT solenoid valve harness connector(JL4G15-G)	40
EO24	Canister solenoid valve harness connector (JL4G15-G)	40
EO28	To bonnet distribution box (3) (JL4G15-G)	40
EO35	ECM (C) harness connector (JL4G15-G)	39
IP48	To engine harness connector	56

Connection point	Description	Page
R	Main relay output power supply(JL4G15-G)	126
EO35-51	To compressor relay	210

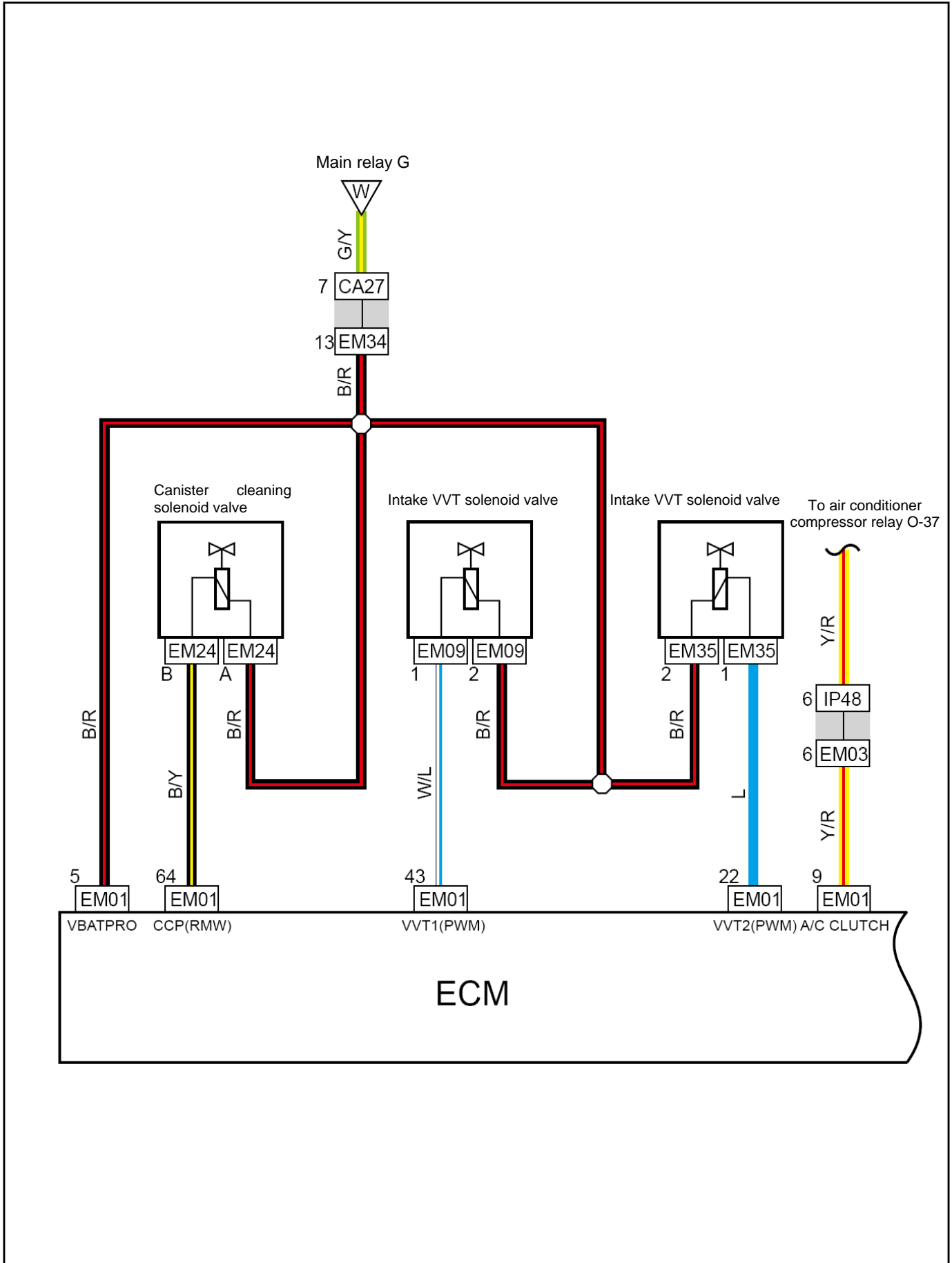
ECM Device Control (CVT)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
ED01	Engine control module harness connector	45
ED24	Engine control module harness connector	46
ED09	VVT solenoid valve harness connector	46
IP48	To engine harness, harness connector	56
ED03	To instrument harness (1) harness connector	45

Connection point	Description	Page
S	Main relay output power supply (JL4G15-G)	128
ED01-9	To compressor relay	212

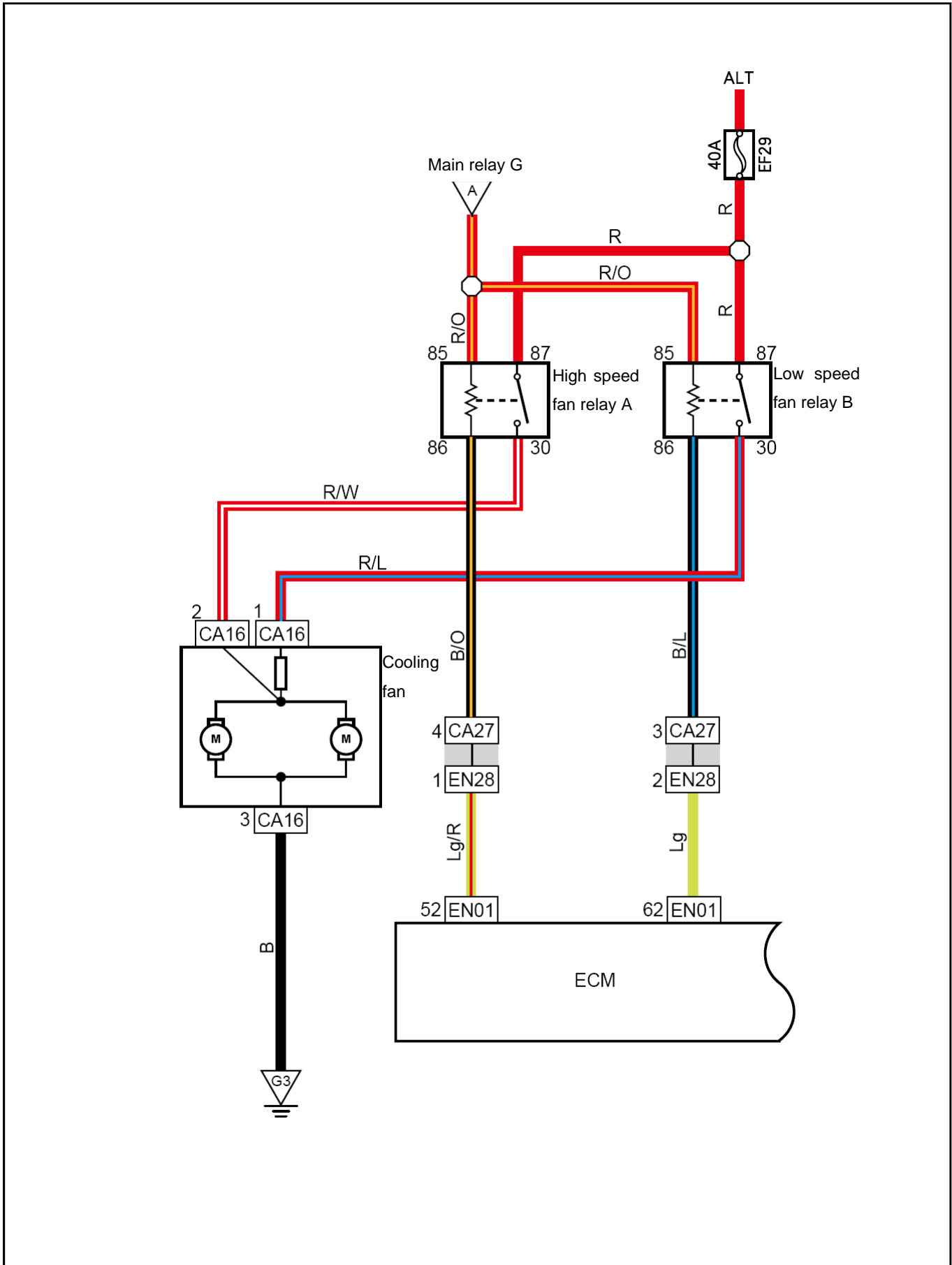
ECM Device Control (JL4G15-N)



Harness connector	Name	Page
CA27	To engine harness, harness connector	25
EM34	To bonnet distribution box (3) harness connector	51
EM01	ECM harness connector	51
EM24	Canister solenoid valve harness connector	51
EM09	Intake VVT solenoid valve harness connector	51
IP48	To engine harness, harness connector	56
EM03	To instrument harness, harness connector	51

Connection point	Description	Page
W	Main relay output power supply	130
EM01-9	To compressor relay	214

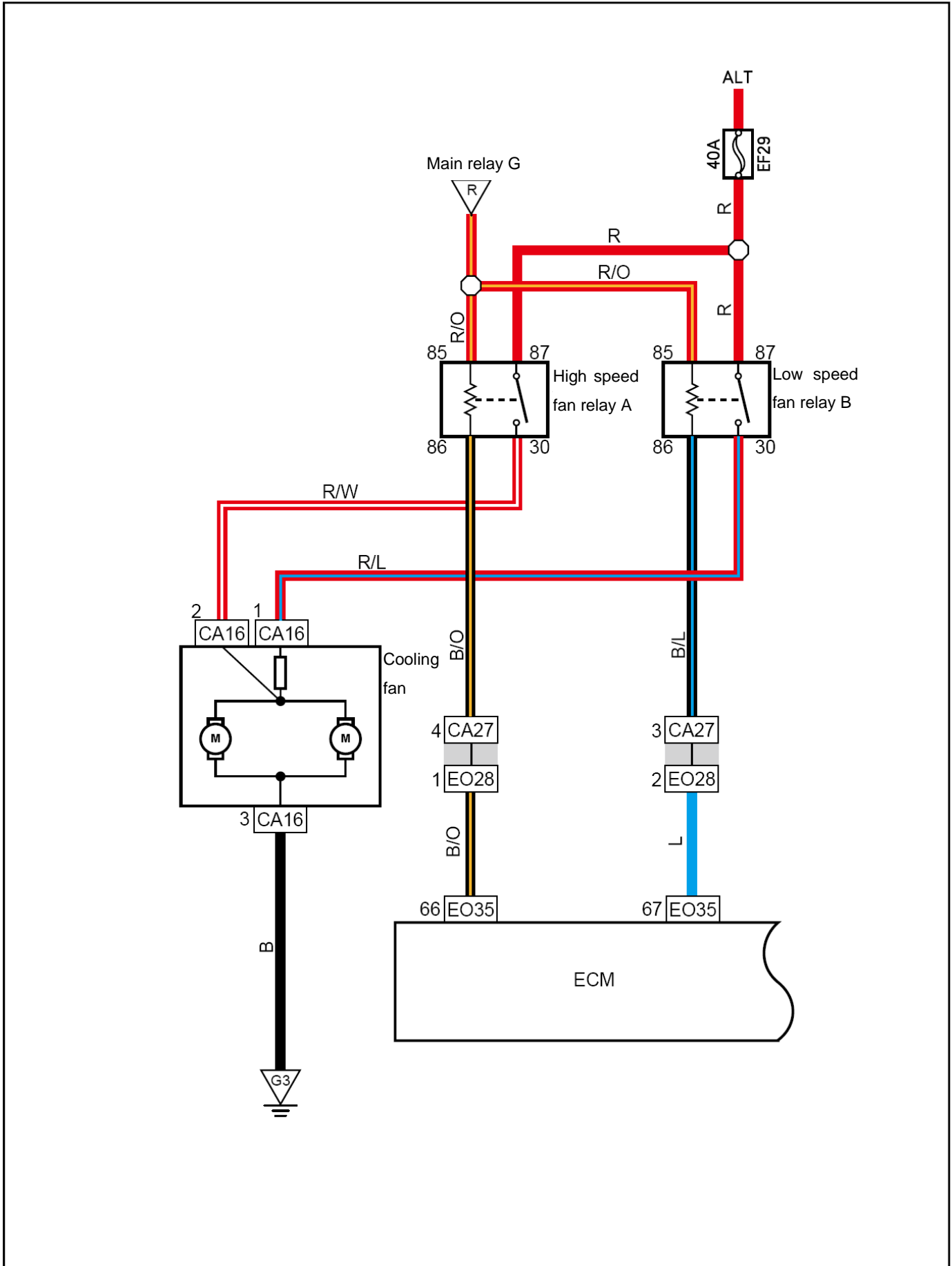
Cooling Fan Control



Harness connector	Name	Page
CA16	Cooling fan harness connector	25
CA27	To engine harness connector	25
EN01	Engine control module harness connector	33
EN28	To bonnet distribution box harness connector	34
G3	Engine compartment grounding	97

Connection point	Description	Page
A	Main relay output power supply	124

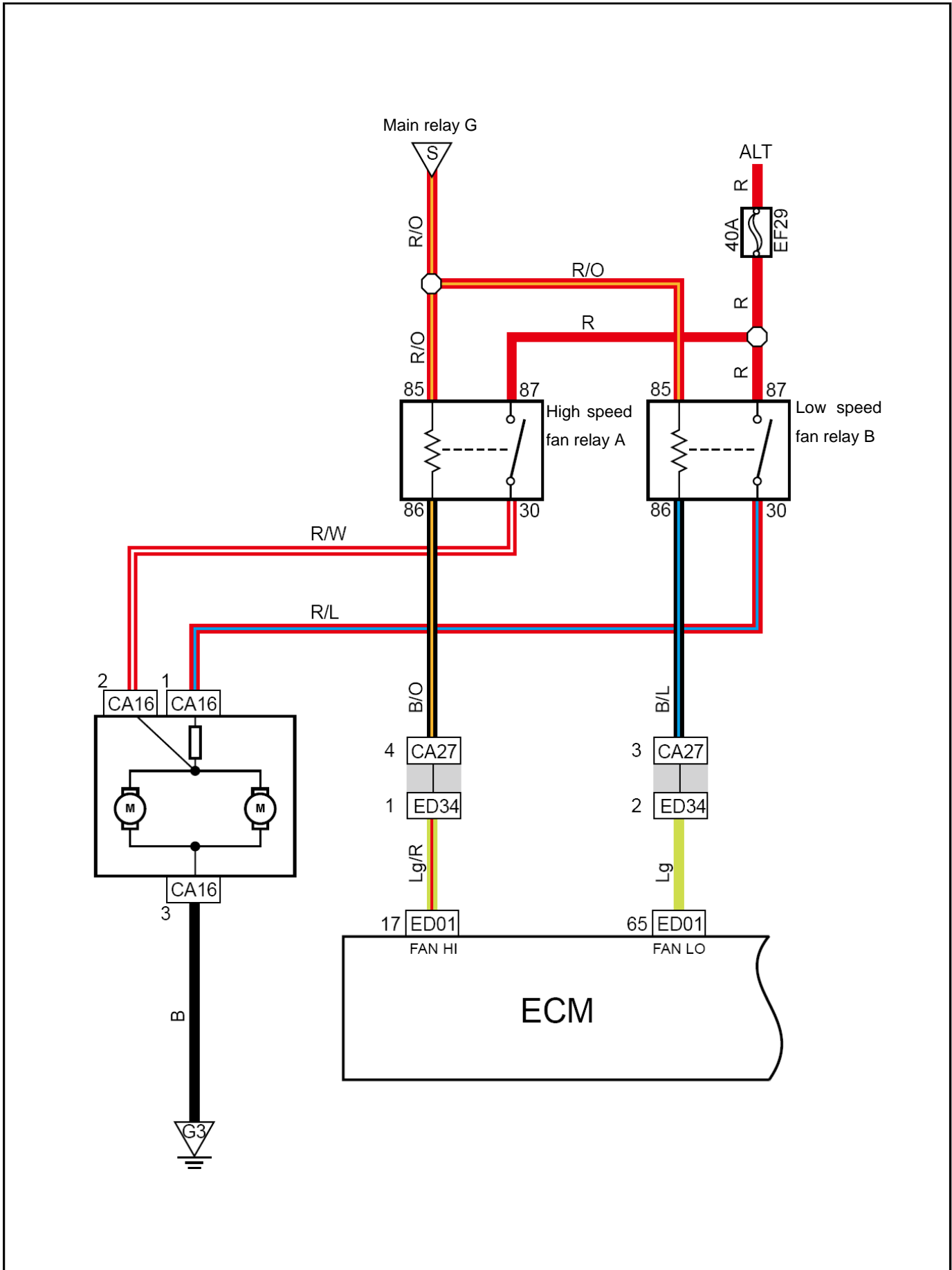
Cooling Fan Control (JL4G15-G)



Harness connector	Name	Page
CA16	Cooling fan harness connector	25
CA27	To engine harness connector	25
EO28	To bonnet distribution box (3) (JL4G15-G)	40
EO35	ECM (C) harness connector (JL4G15-G)	39
G3	Engine compartment grounding	97

Connection point	Description	Page
R	Main relay output power supply	126

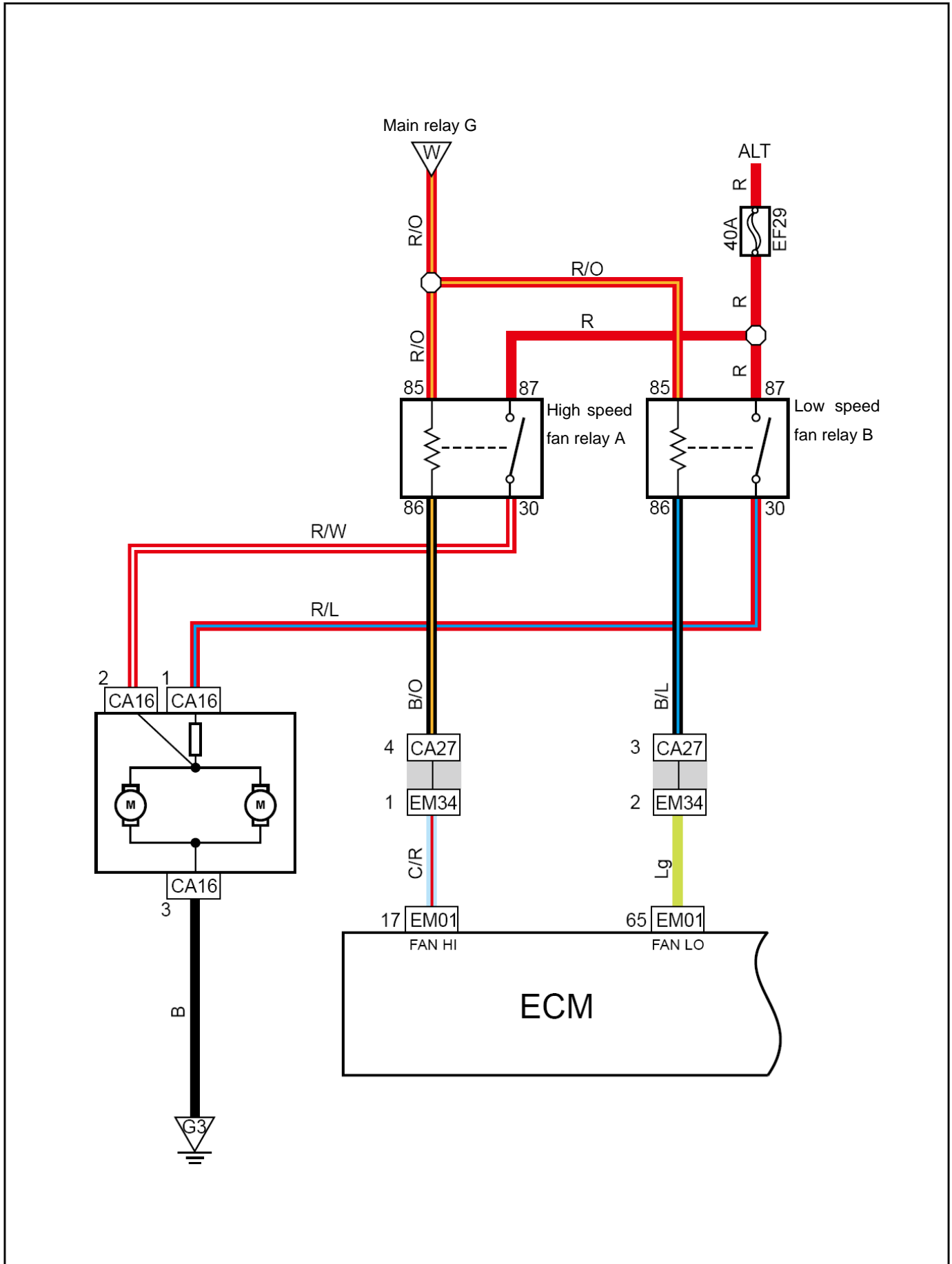
Cooling Fan Control (CVT)



Harness connector	Name	Page
CA10	To fuse box 3 harness connector	24
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
ED01	Engine control module harness connector	45
G3	Engine compartment grounding	99

Connection point	Description	Page
S	Main relay output power supply	128

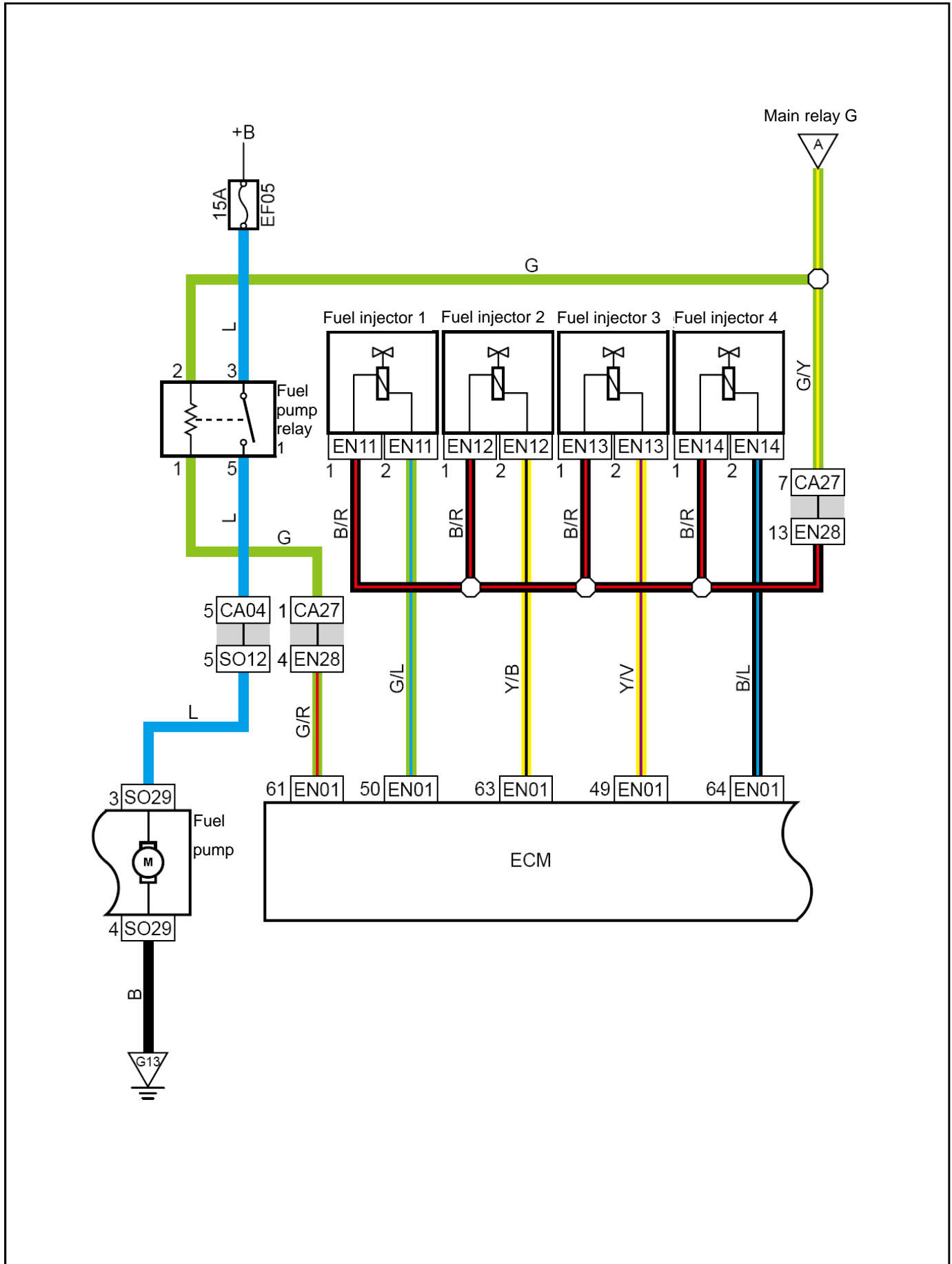
Cooling Fan Control (JL4G15-N)



Harness connector	Name	Page
CA10	To fuse box 3harness connector	24
CA27	To engine harness, harness connector	25
EM34	To bonnet distribution box (3) harness connector	51
EM01	ECM harness connector	51
G3	Engine compartment grounding	99

Connection point	Description	Page
W	Main relay output power supply	130

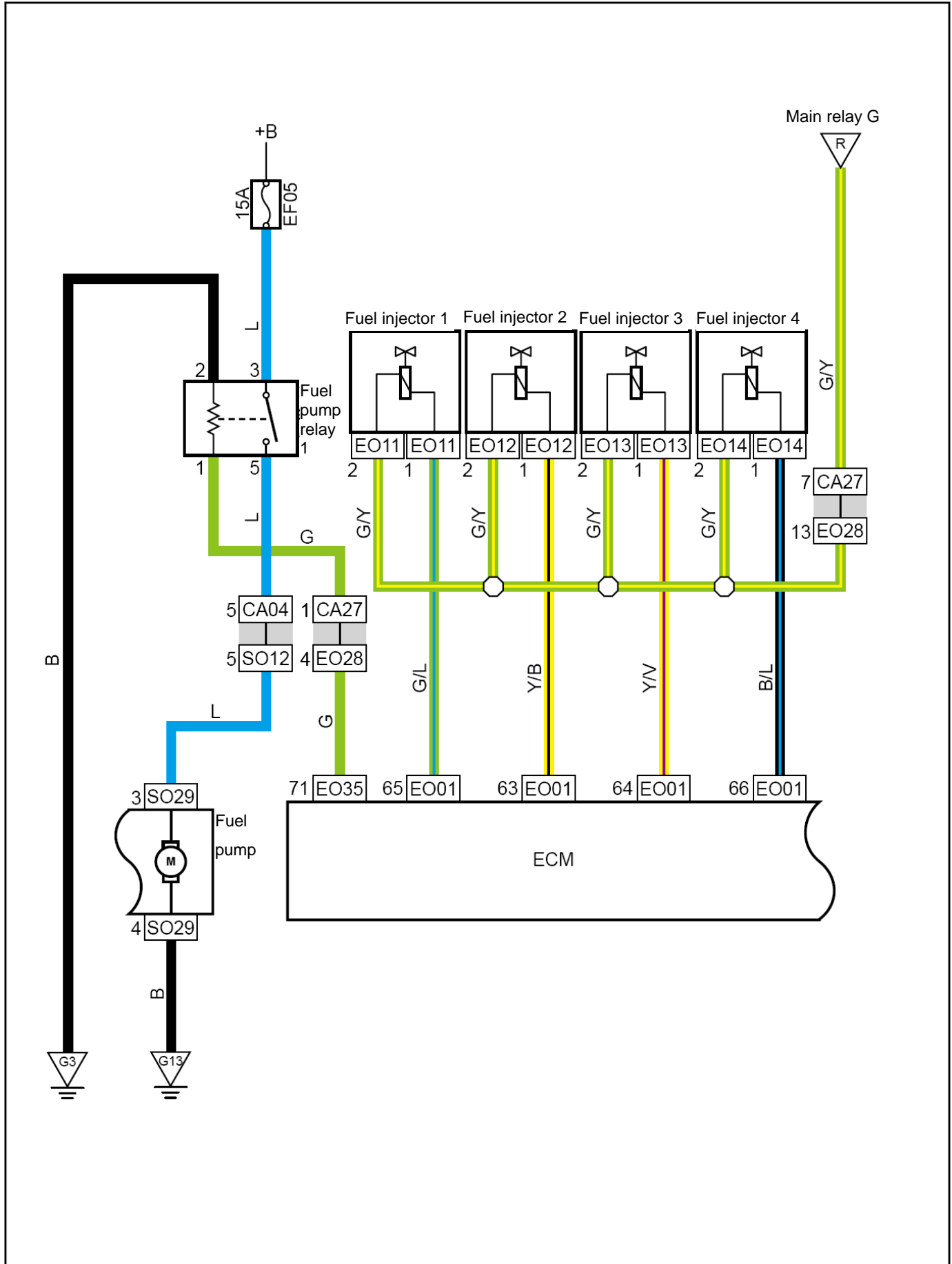
Fuel Injection System and Fuel Pump



Harness connector	Name	Page
CA04	To base plate harness connector	24
CA27	To engine harness connector	25
EN01	Engine control module harness connector	33
EN11	1# cylinder fuel injector harness connector	34
EN12	2# cylinder fuel injector harness connector	34
EN13	3# cylinder fuel injector harness connector	34
EN14	4# cylinder fuel injector harness connector	34
EN28	To bonnet distribution box harness connector	34
SO12	To bonnet harness connector	71/79
SO29	Fuel pump harness connector	71/79
G13	Base plate grounding	102/103

Connection point	Description	Page
A	Main relay output power supply	124

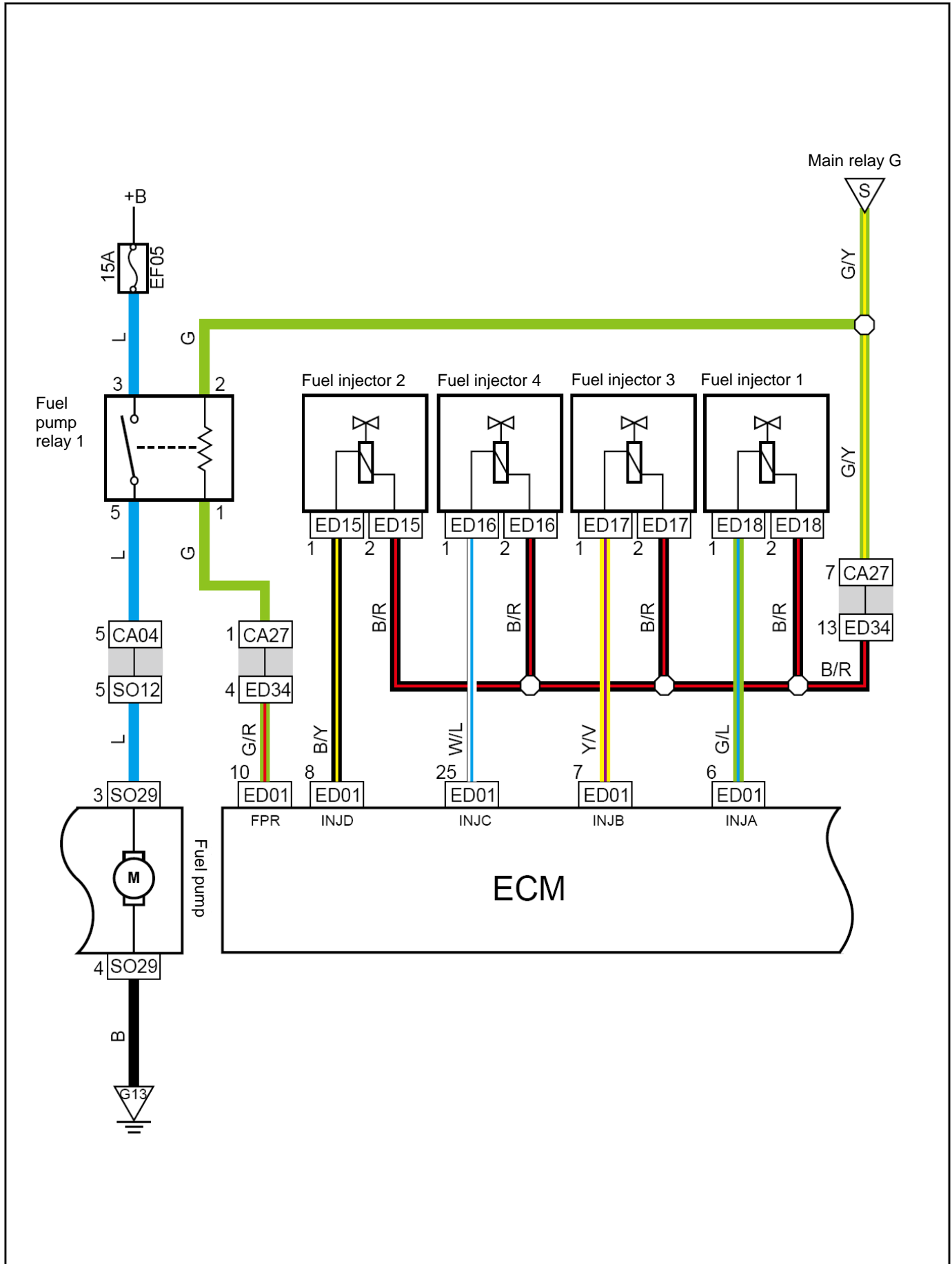
Fuel Injection System and Fuel Pump (JL4G15-G)



Harness connector	Name	Page
CA04	To base plate harness connector	24
CA27	To engine harness connector	25
EO01	ECM (E) harness connector (JL4G15-G)	39
EO11	Fuel injector 1 harness connector (JL4G15-G)	40
EO12	Fuel injector 2 harness connector (JL4G15-G)	40
EO13	Fuel injector 3 harness connector (JL4G15-G)	40
EO14	Fuel injector 4 harness connector (JL4G15-G)	40
EO28	To bonnet distribution box (3) (JL4G15-G)	40
EO35	ECM (C) harness connector (JL4G15-G)	39
SO12	To bonnet harness connector	66/74
SO29	Fuel pump harness connector	66/74
G3	Engine compartment grounding	97
G13	Base plate grounding	102/103

Connection point	Description	Page
R	Main relay output power supply	126

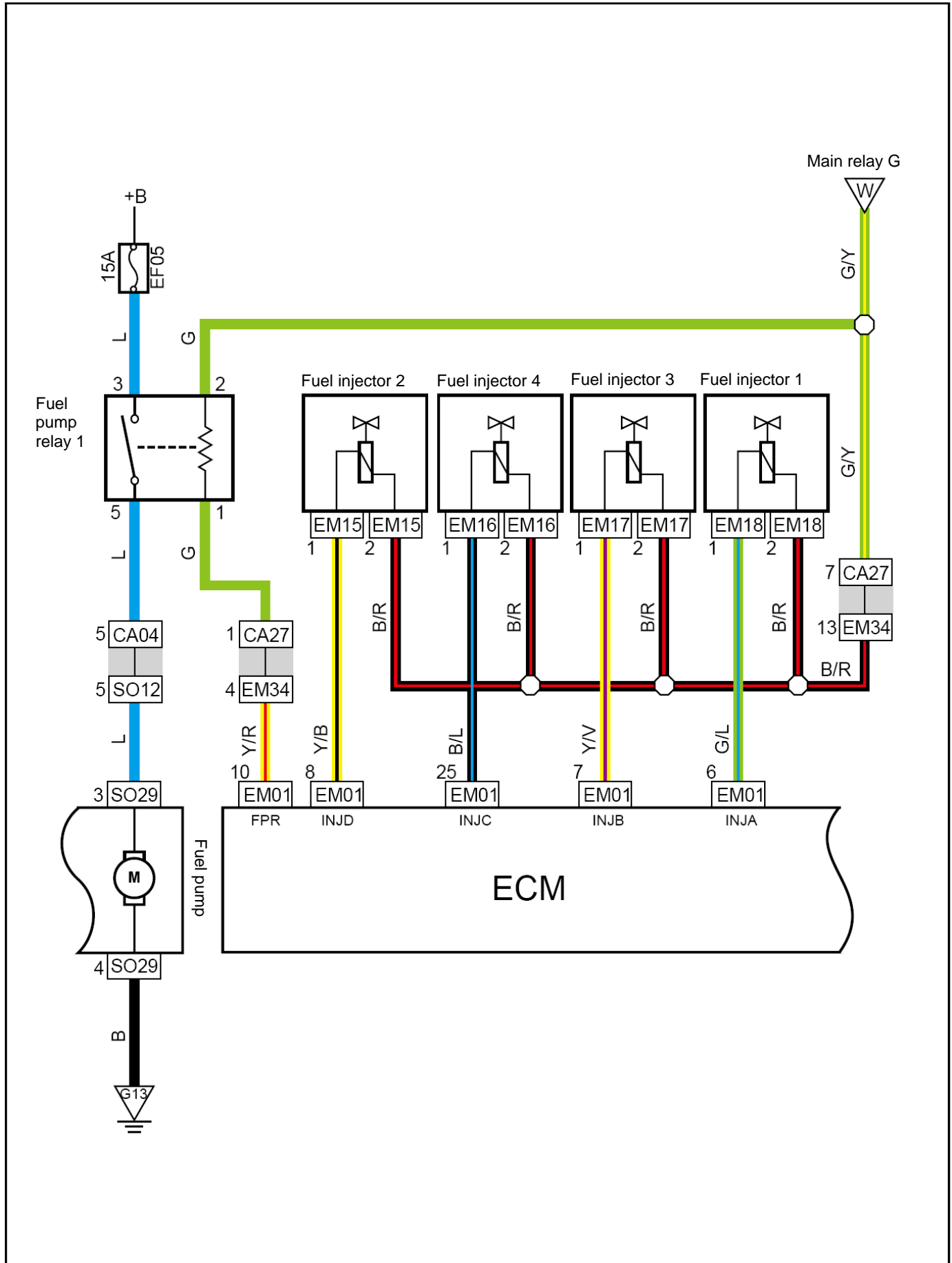
Fuel Injection System and Fuel Pump (CVT)



Harness connector	Name	Page
ED15	Fuel injector 1 harness connector	46
ED16	Fuel injector 2 harness connector	46
ED17	Fuel injector 3 harness connector	46
ED18	Fuel injector 4 harness connector	46
CA27	To engine harness, harness connector	25
ED34	To bonnet distribution box (3) harness connector	46
ED01	Engine control module harness connector	45
SO29	Fuel pump harness connector	71/79
CA04	To base plate harness, harness connector	24
SO12	To engine compartment harness, harness connector	71/79
G13	Base plate grounding	102/103

Connection point	Description	Page
S	Main relay output power supply	128

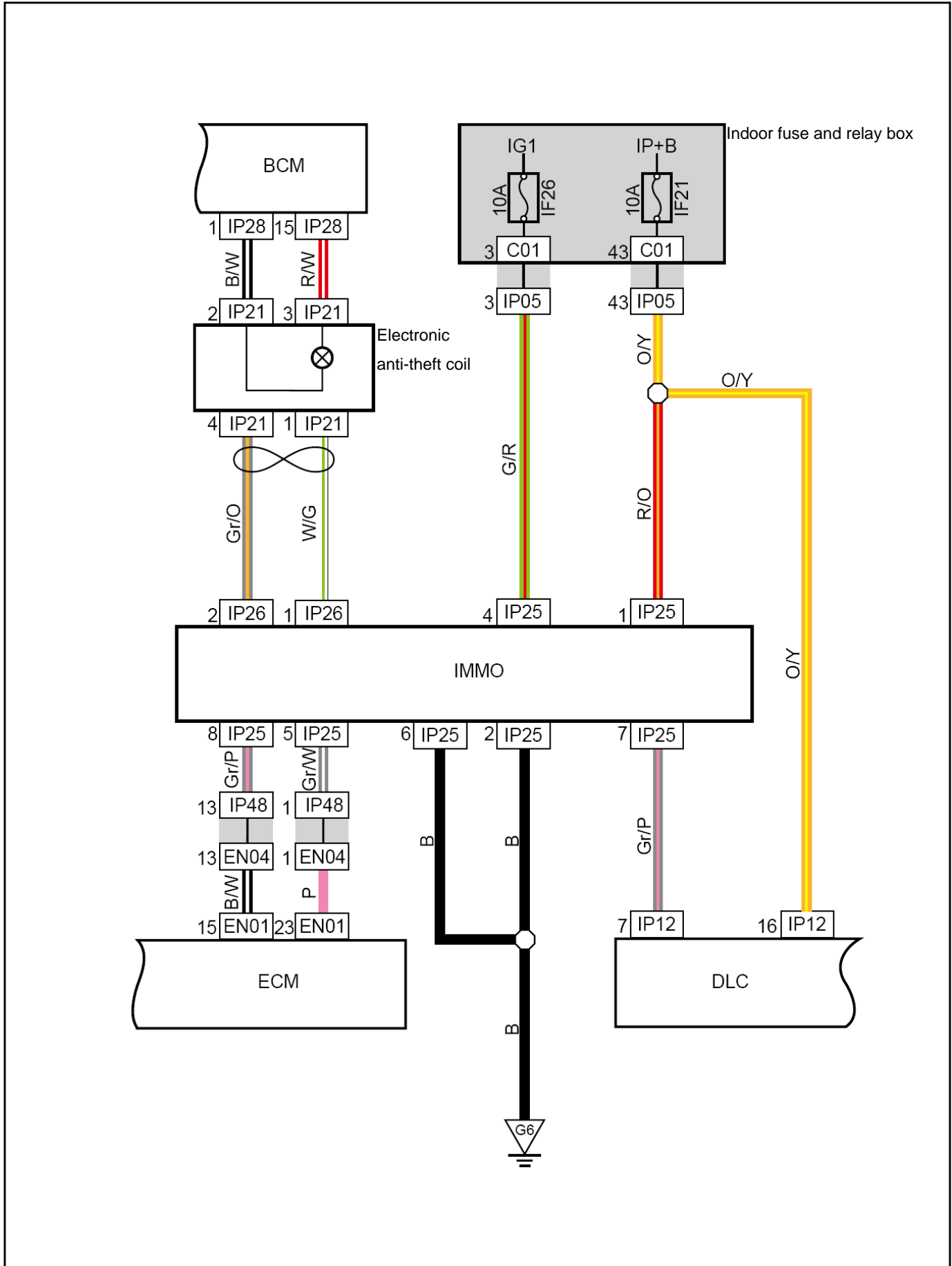
Fuel Injection System and Fuel Pump (JL4G15-N)



Harness connector	Name	Page
EM15	Fuel injector 1 harness connector	51
EM16	Fuel injector 2 harness connector	51
EM17	Fuel injector 3 harness connector	51
EM18	Fuel injector 4 harness connector	51
CA27	To engine harness, harness connector	25
EM34	To bonnet distribution box (3) harness connector	51
EM01	ECM harness connector	51
SO29	Fuel pump harness connector	71/79
CA04	To base plate harness, harness connector	24
SO12	To engine compartment harness, harness connector	71/79
G13	Base plate grounding	102/103

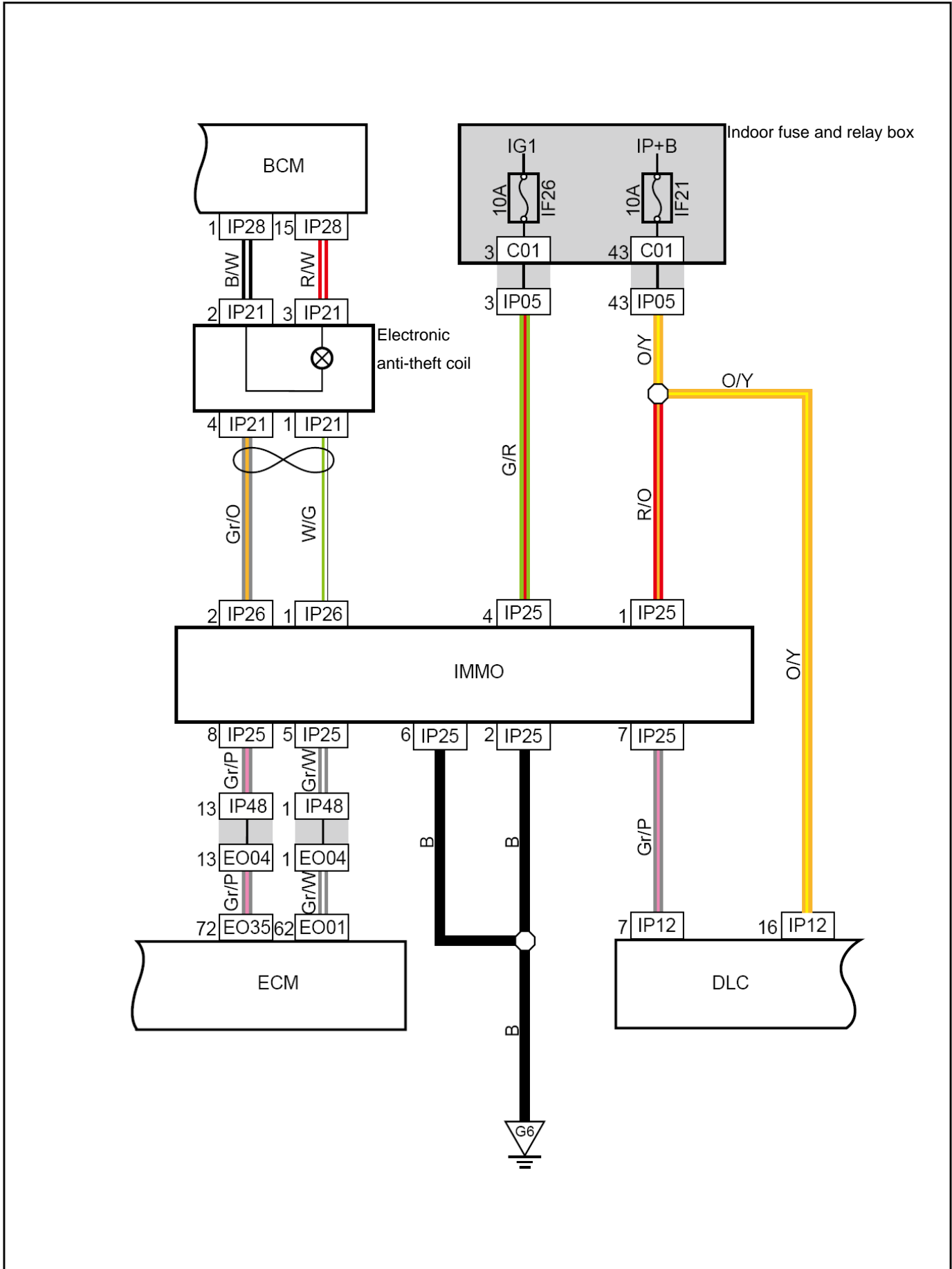
Connection point	Description	Page
W	Main relay output power supply	130

Engine Immobilizer System



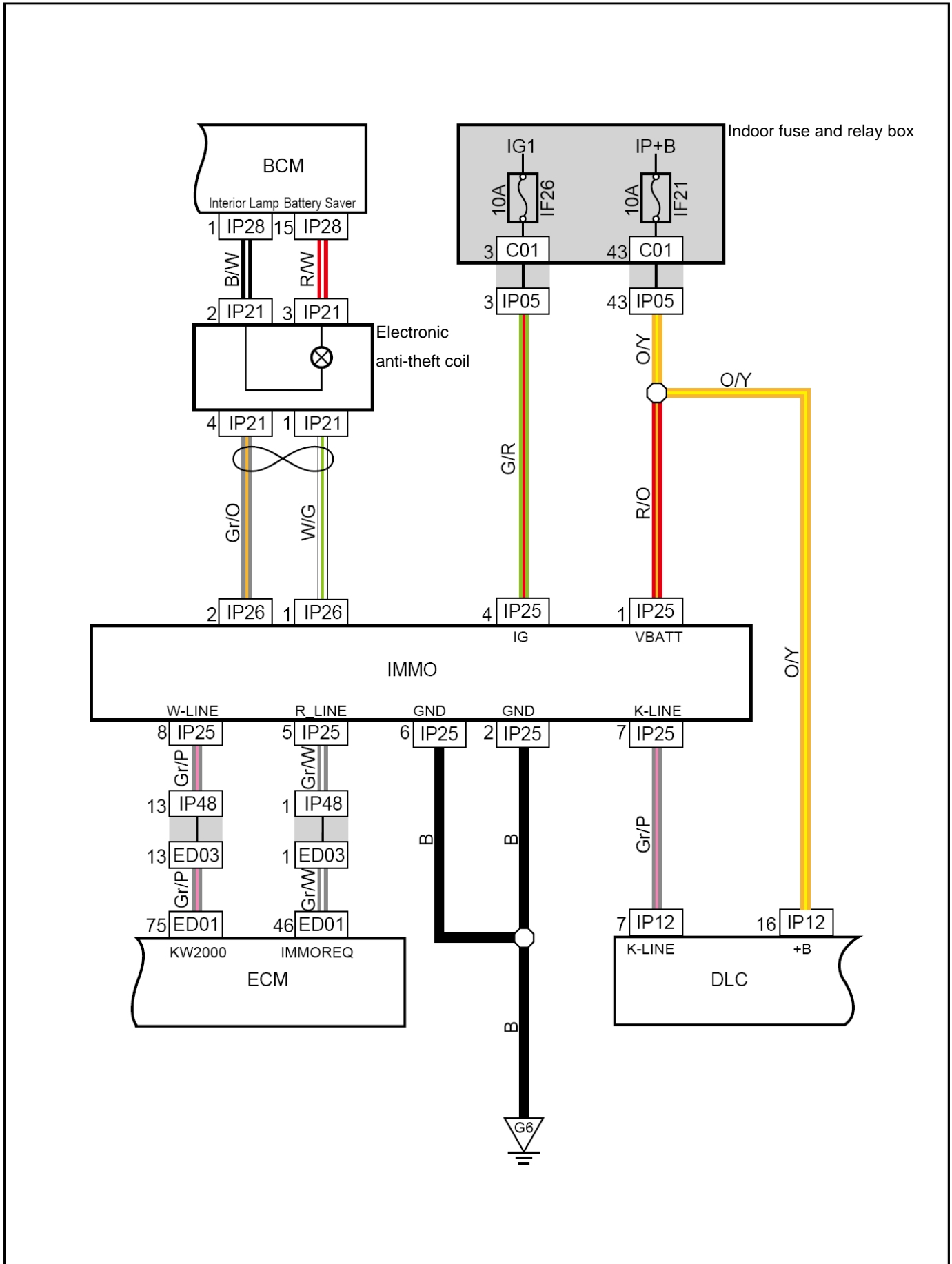
Harness connector	Name	Page
EN01	Engine control module harness connector	33
EN04	To instrument harness connector	33
IP05	To indoor fuse and relay box harness connector	56
IP12	Diagnosis interface harness connector	56
IP21	Electronic anti-theft antenna harness connector	56
IP25	Engine electronic anti-theft controller harness connector 1	56
IP26	Engine electronic anti-theft controller harness connector 2	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Engine Immobilizer System (JL4G15-G)



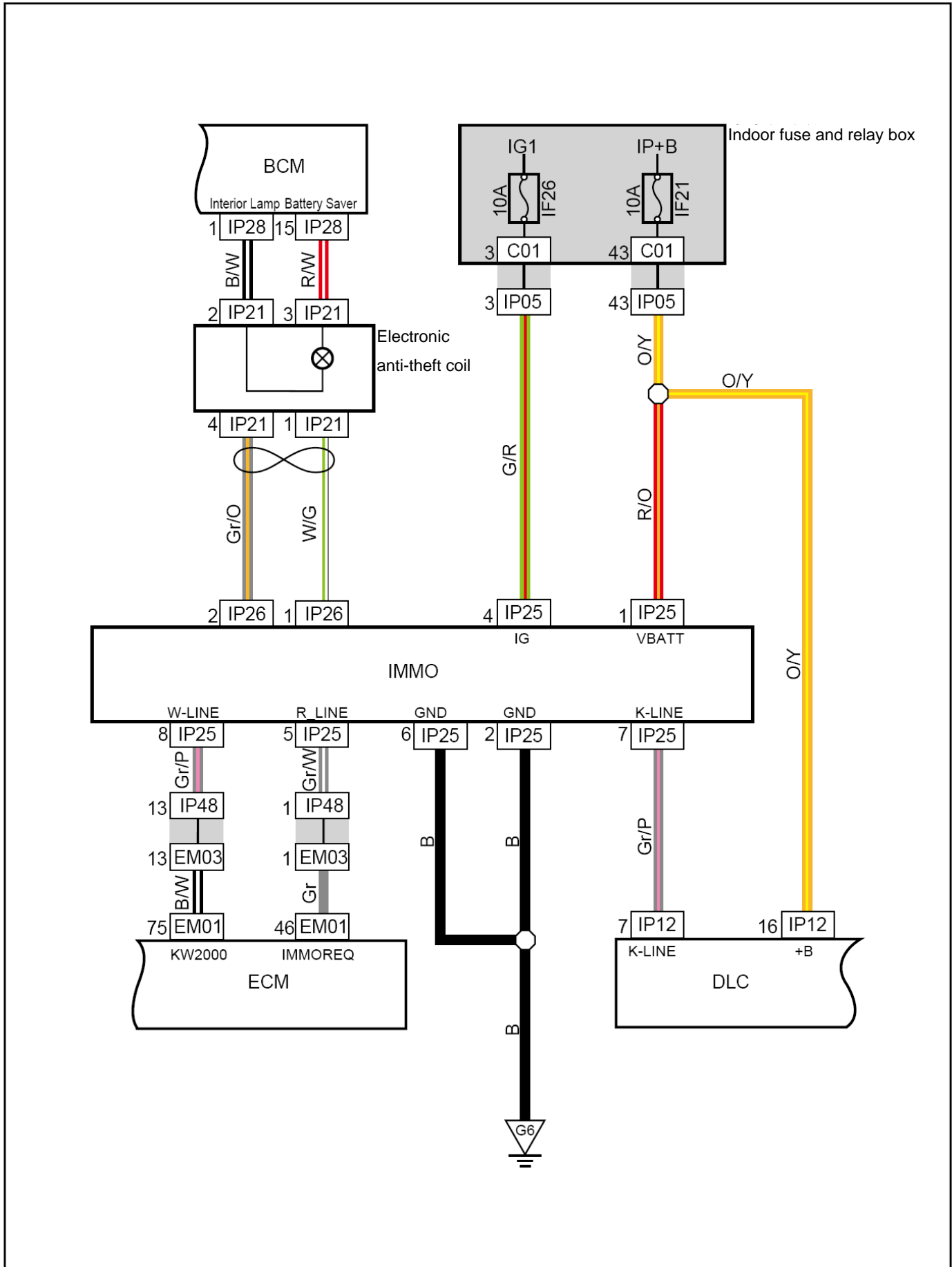
Harness connector	Name	Page
EO01	ECM (E) harness connector (JL4G15-G)	39
EO04	To instrument harness connector (JL4G15-G)	39
EO35	ECM (C) harness connector (JL4G15-G)	39
IP05	To indoor fuse and relay box harness connector	56
IP12	Diagnosis interface harness connector	56
IP21	Electronic anti-theft antenna harness connector	56
IP25	Engine electronic anti-theft controller harness connector 1	56
IP26	Engine electronic anti-theft controller harness connector 2	56
IP28	Vehicle body control module 2 harness connector	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Engine Immobilizer System (CVT)



Harness connector	Name	Page
ED01	Engine control module harness connector	45
ED03	To instrument harness 1 harness connector	45
IP48	To engine harness, harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP12	Diagnosis interface harness connector	56
IP21	Electronic anti-theft antenna harness connector	56
IP25	Engine electronic anti-theft controller harness connector 1	56
IP26	Engine electronic anti-theft controller harness connector 2	56
IP28	Vehicle body control module 2 harness connector	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Engine Immobilizer System (JL4G15-N)

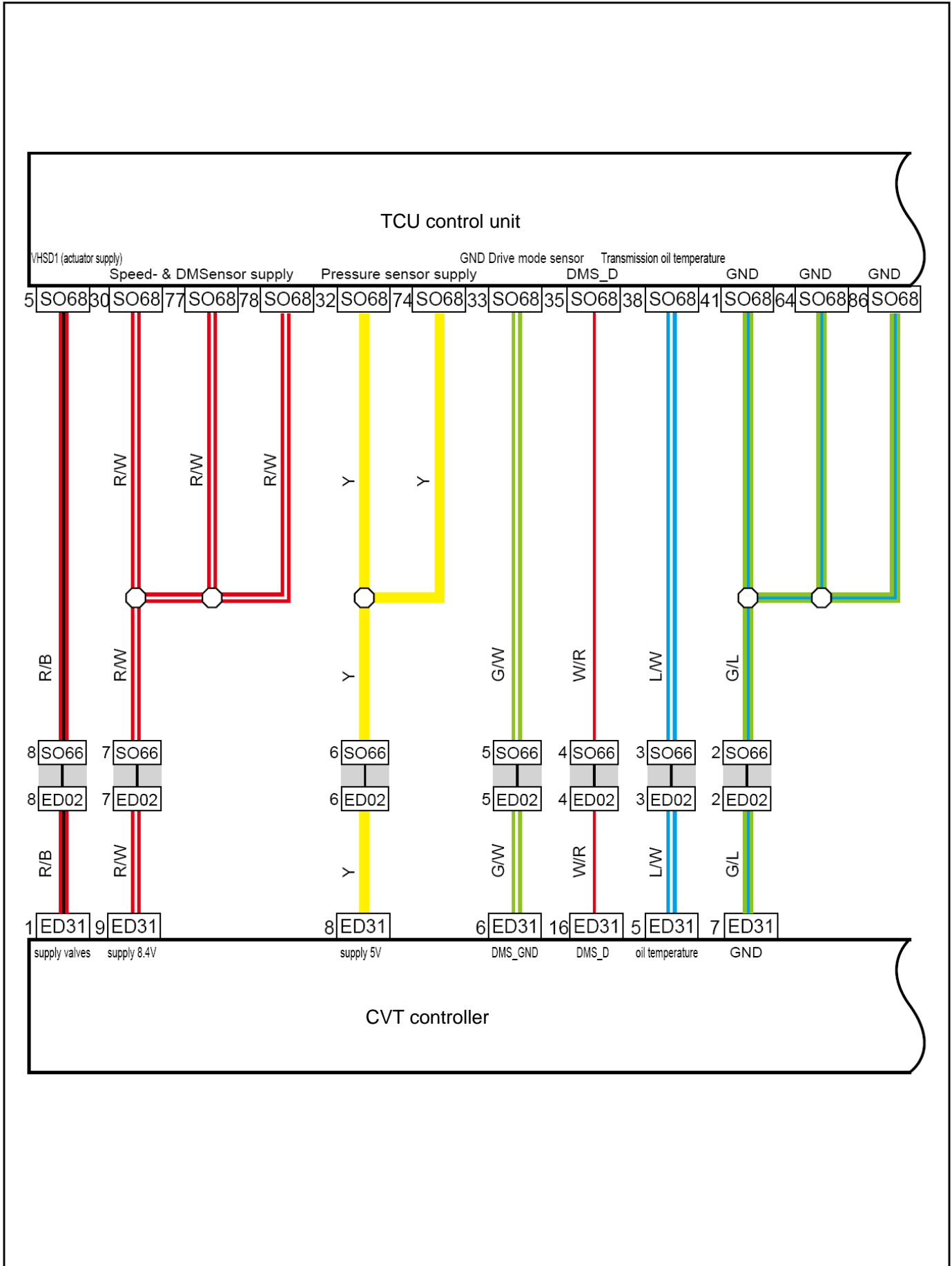


Harness connector	Name	Page
EM01	ECM harness connector	51
EM03	To instrument harness, harness connector	51
IP48	To engine harness, harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP12	Diagnosis interface harness connector	56
IP21	Electronic anti-theft antenna harness connector	56
IP25	Engine electronic anti-theft controller harness connector 1	56
IP26	Engine electronic anti-theft controller harness connector 2	56
IP28	Vehicle body control module 2 harness connector	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Harness connector	Name	Page
CA28	Automatic transmission controller harness connector	30
IP56	To engine harness, harness connector	65
IP52	To base plate harness (RH) harness connector	65
SO67	To instrument harness, harness connector	84/87
SO68	Automatic transmission controller harness connector	84/87
C02	Indoor fuse box back connector	19
CA10	To fuse box 3 harness connector	24
SO65	To gearshifter harness connector	84/87
ED01	Engine control module harness connector	45
ED04	To instrument harness (2) harness connector	45
IP53	To engine harness (2) harness connector	65
G12	Base plate grounding	102/103

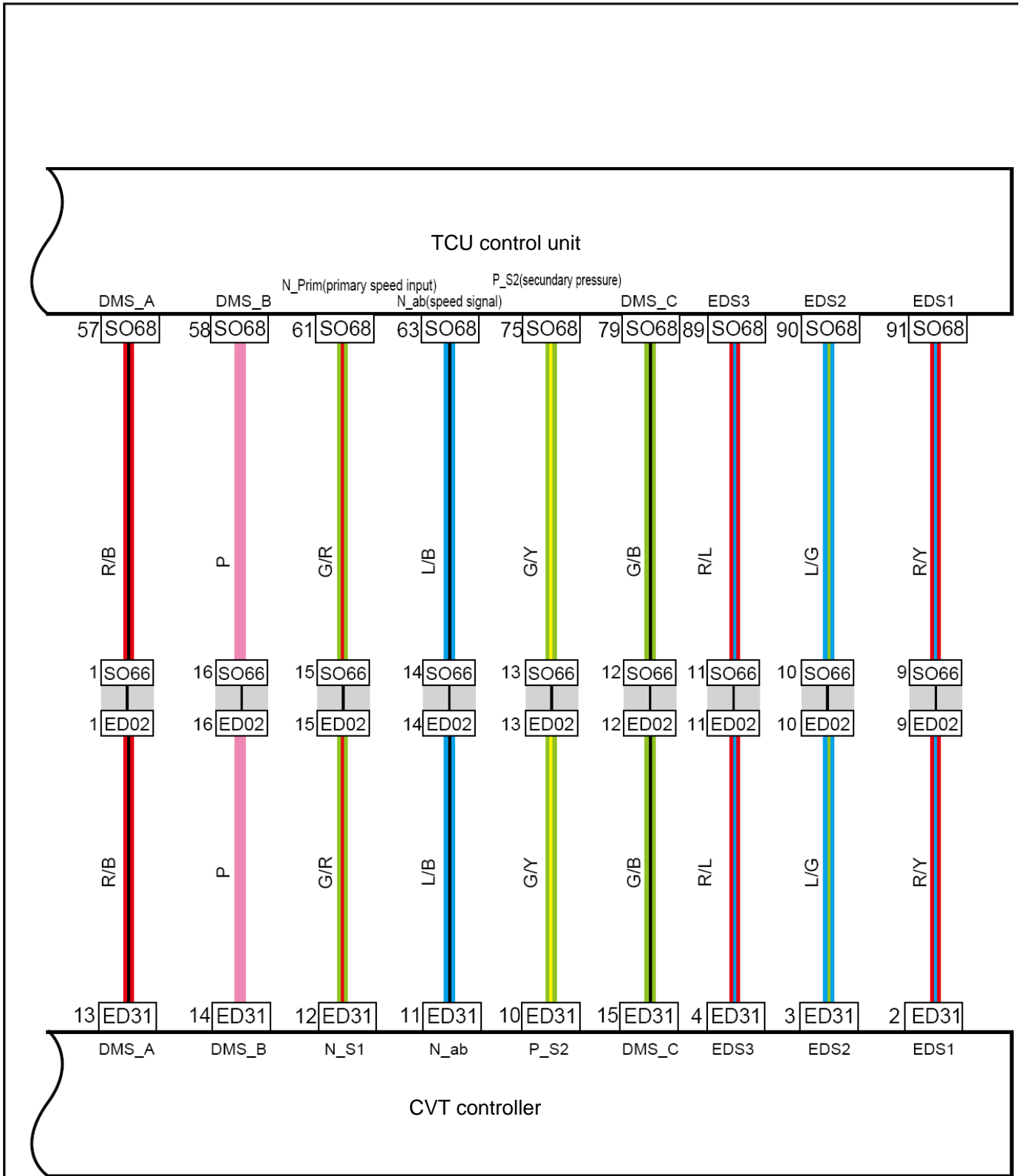
Connection point	Description	Page
U	Instrument power supply	120

CVT Control 1 (CVT)



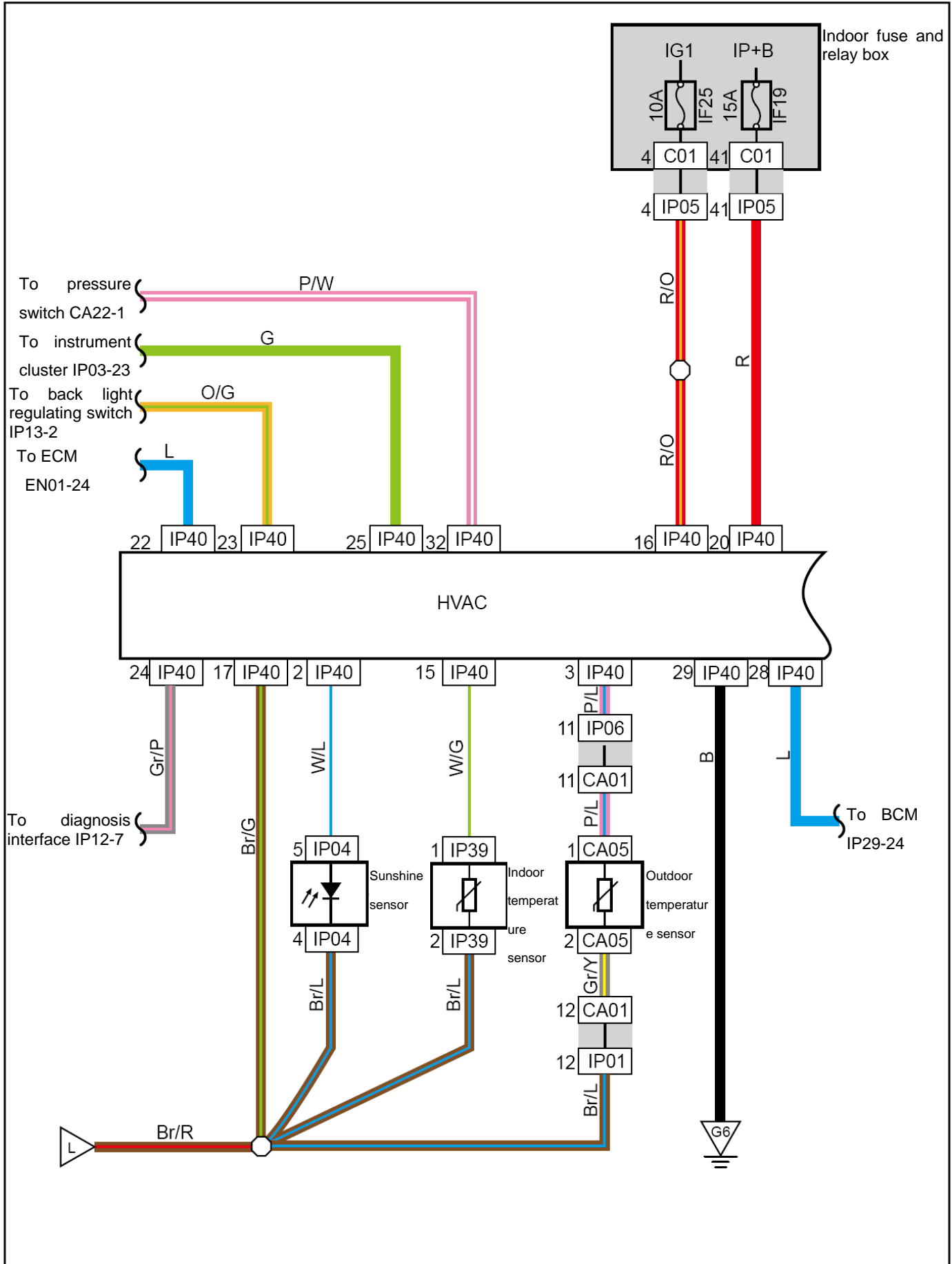
Harness connector	Name	Page
SO68	Automatic transmission controller harness connector	84/87
SO66	To engine harness, harness connector	84/87
ED02	To base plate harness (RH) harness connector	45
ED31	To transmission harness connector	46

CVT Control 2 (CVT)



Harness connector	Name	Page
SO68	Automatic transmission controller harness connector	84/87
SO66	To engine harness, harness connector	84/87
ED02	To base plate harness (RH) harness connector	45
ED31	To transmission harness connector	46

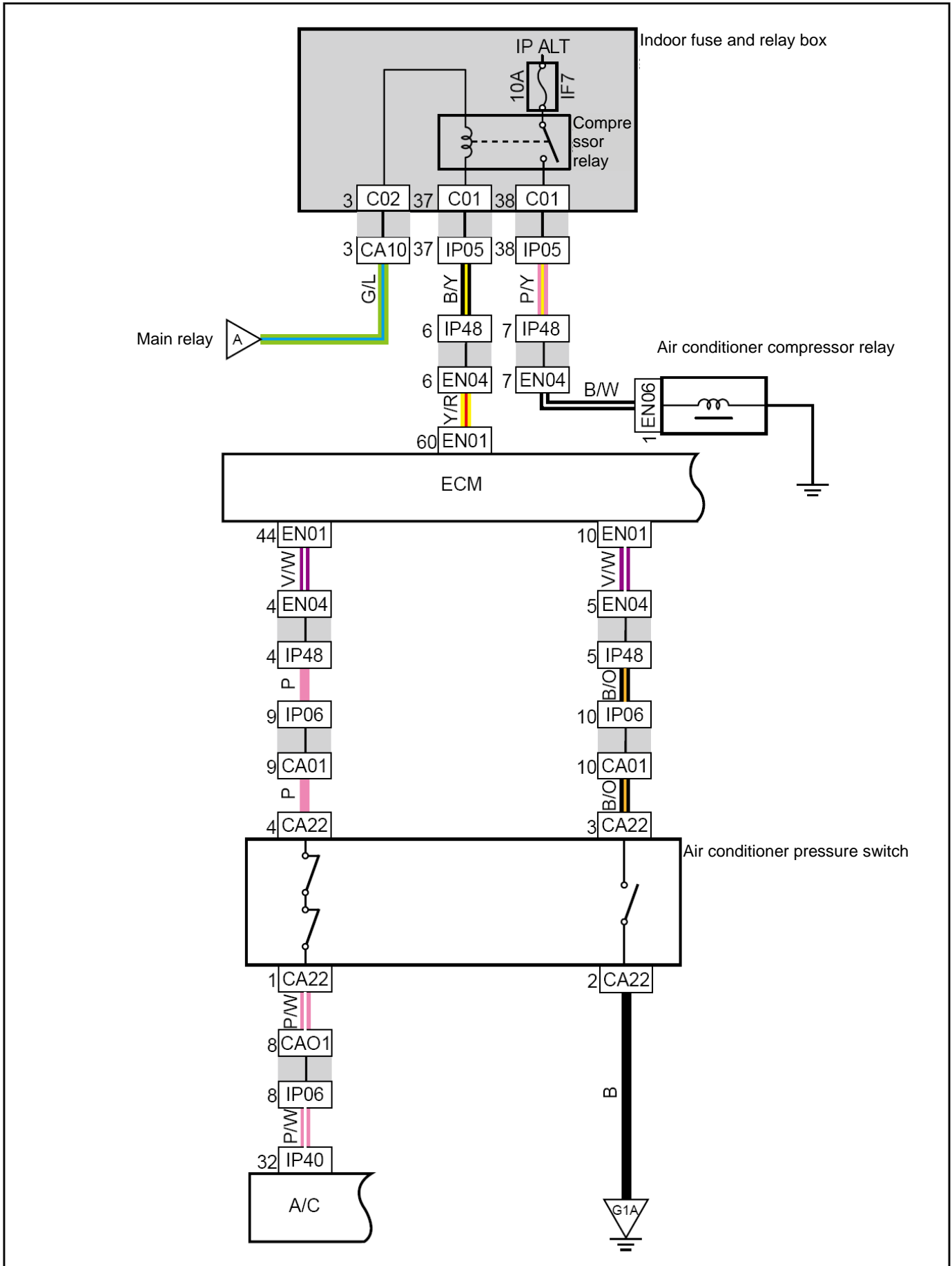
Air conditioner System Power Supply, Grounding, Signal



Harness connector	Name	Page
CA01	To instrument harness, harness connector	24
CA05	To engine compartment fuse and relay box harness connector	25
IP01	Multi-function instrument harness connector	56
IP04	Sunshine sensor harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP39	Indoor temperature sensor	56
IP40	Air conditioner control module harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

Connection point	Description	Page
IP40-22	To ECM EN01-24	270
IP40-23	To back light regulating switch IP13-2	316
IP40-24	To diagnosis interface IP12-7	336
IP40-25	To instrument cluster IP03-23	320/322
IP40-29	To BCM IP29-24	270
IP40-32	To pressure switch CA22-1	220
L	Sensor to module internal low reference circuit	218

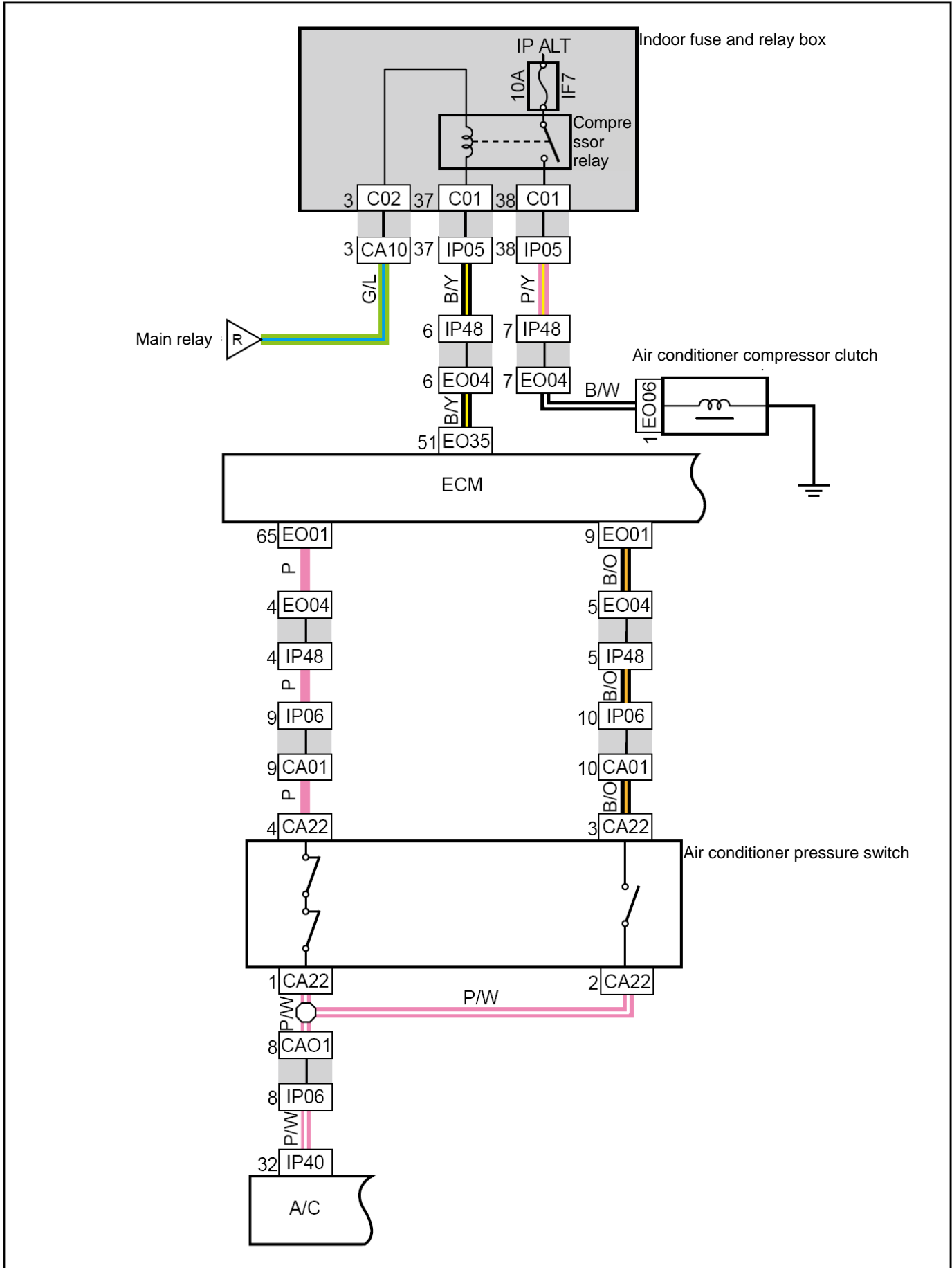
Air Conditioner Compressor Clutch Control



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA10	To engine compartment fuse and relay box harness connector 3	24
CA22	A/C pressure switch harness connector	25
EN01	Engine control module harness connector	33
EN04	To instrument harness, harness connector	33
EN06	Compressor harness connector	34
IP01	Multi-function instrument harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP40	Air conditioner control module harness connector	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99

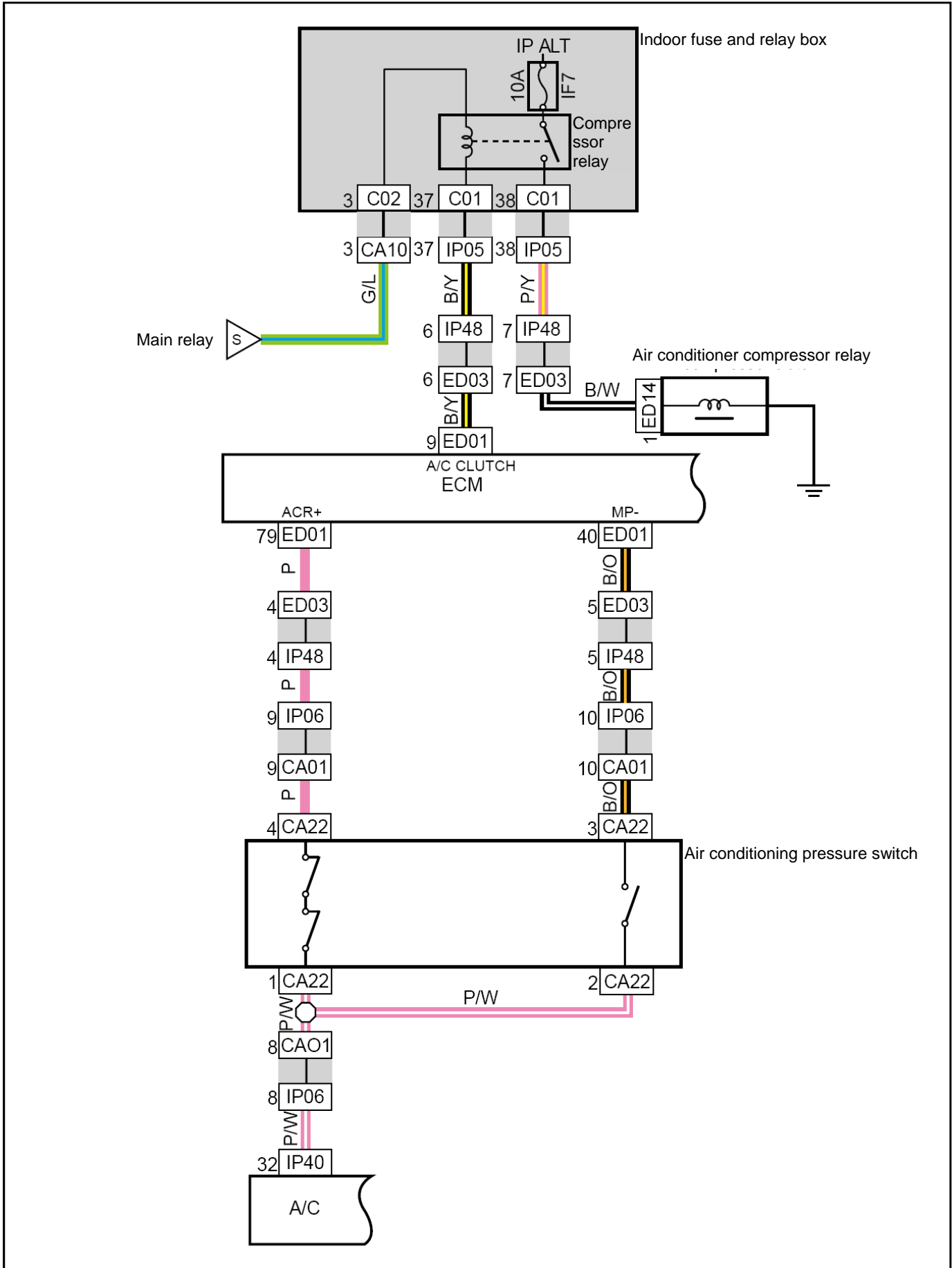
Connection point	Description	Page
A	Main relay power supply output	124

Air Conditioner Compressor Clutch Control (JL4G15-G)



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA10	To engine compartment fuse and relay box harness connector 3	24
CA22	A/C pressure switch harness connector	25
EO01	ECM (E) harness connector (JL4G15-G)	39
EO04	To instrument harness connector (JL4G15-G)	39
EO06	Compressor harness connector(JL4G15-G)	40
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP40	Air conditioner control module harness connector	56
IP48	To engine harness connector	56
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19

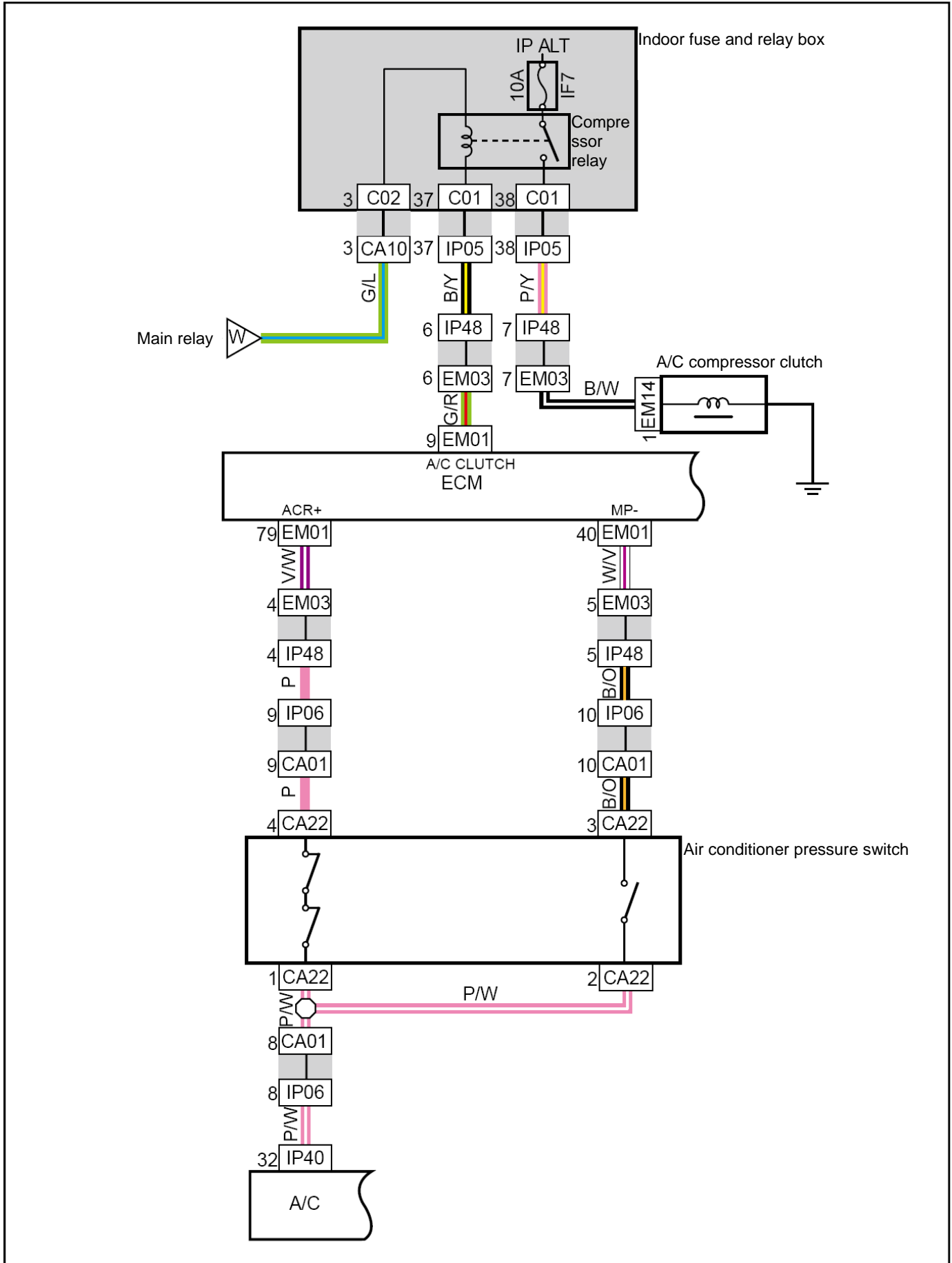
Air Conditioner Compressor Clutch Control (CVT)



Harness connector	Name	Page
CA01	To instrument harness, harness connector	24
CA10	To engine compartment fuse and relay box harness connector	24
CA22	A/C pressure switch harness connector	25
ED01	Engine control module harness connector	45
ED03	To instrument harness, harness connector	45
ED14	Compressor harness connector	46
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness, harness connector	56
IP40	Air conditioner control module harness connector	56
IP48	To engine harness, harness connector	56
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19

Harness connector	Name	Page
S	Main relay power output	128

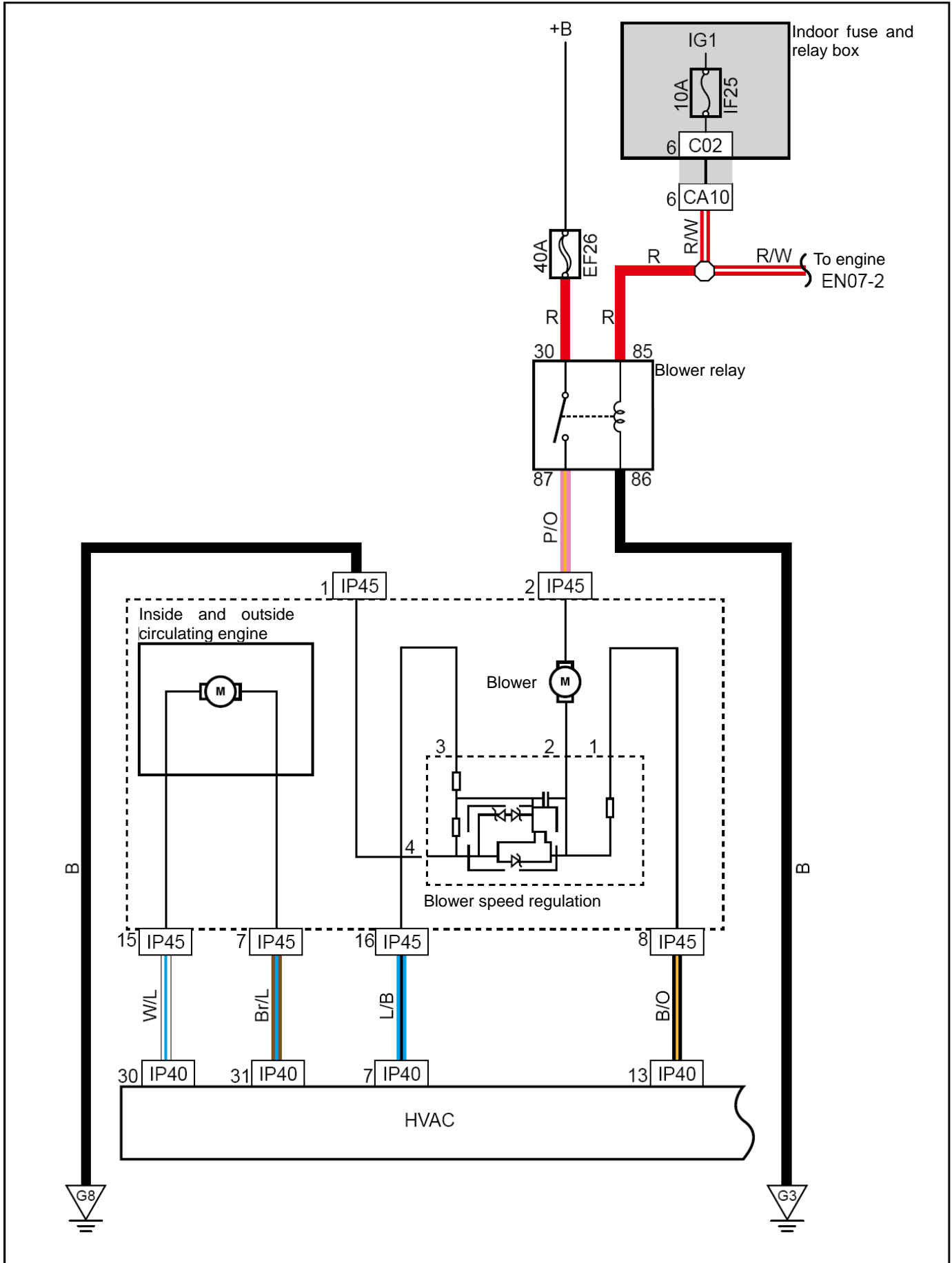
Air Conditioner Compressor Clutch Control (JL4G15-N)



Harness connector	Name	Page
CA01	To instrument harness, harness connector	24
CA10	To engine compartment fuse and relay box harness connector	24
CA22	A/C pressure switch harness connector	25
EM01	ECM harness connector	51
EM03	To instrument harness, harness connector	51
EM14	Compressor harness connector	51
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness, harness connector	56
IP40	Air conditioner control module harness connector	56
IP48	To engine harness, harness connector	56
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19

Harness connector	Name	Page
W	Main relay power output	130

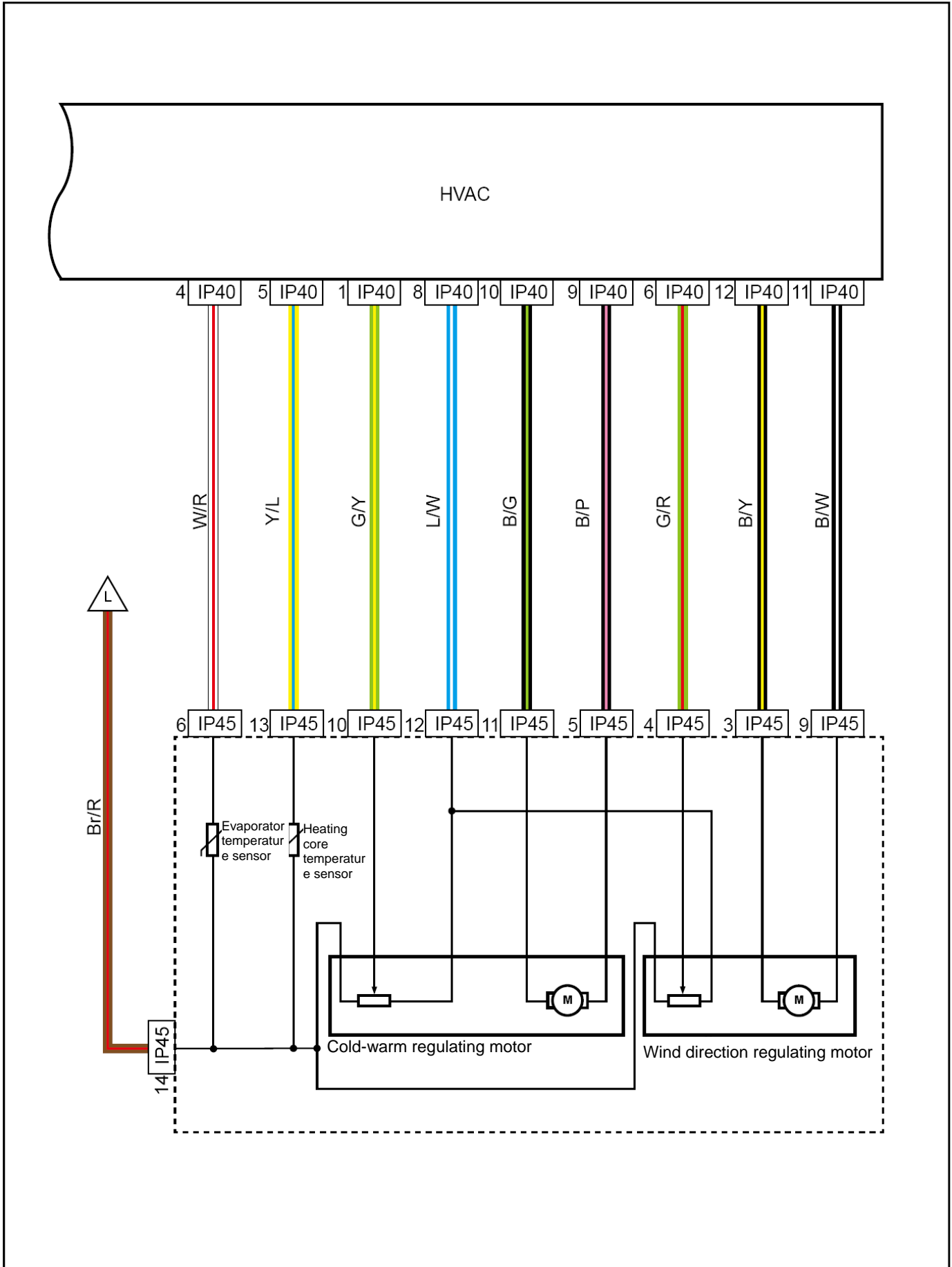
Blower Control



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
IP40	Air conditioner control module harness connector	56
IP45	To air conditioner actuator harness connector	56
C02	Indoor fuse box back connector	19
G3	Engine compartment grounding	97/99
G8	Instrument panel grounding	101

Harness connector	Name	Page
CA10-6	To alternator EN07-2	116

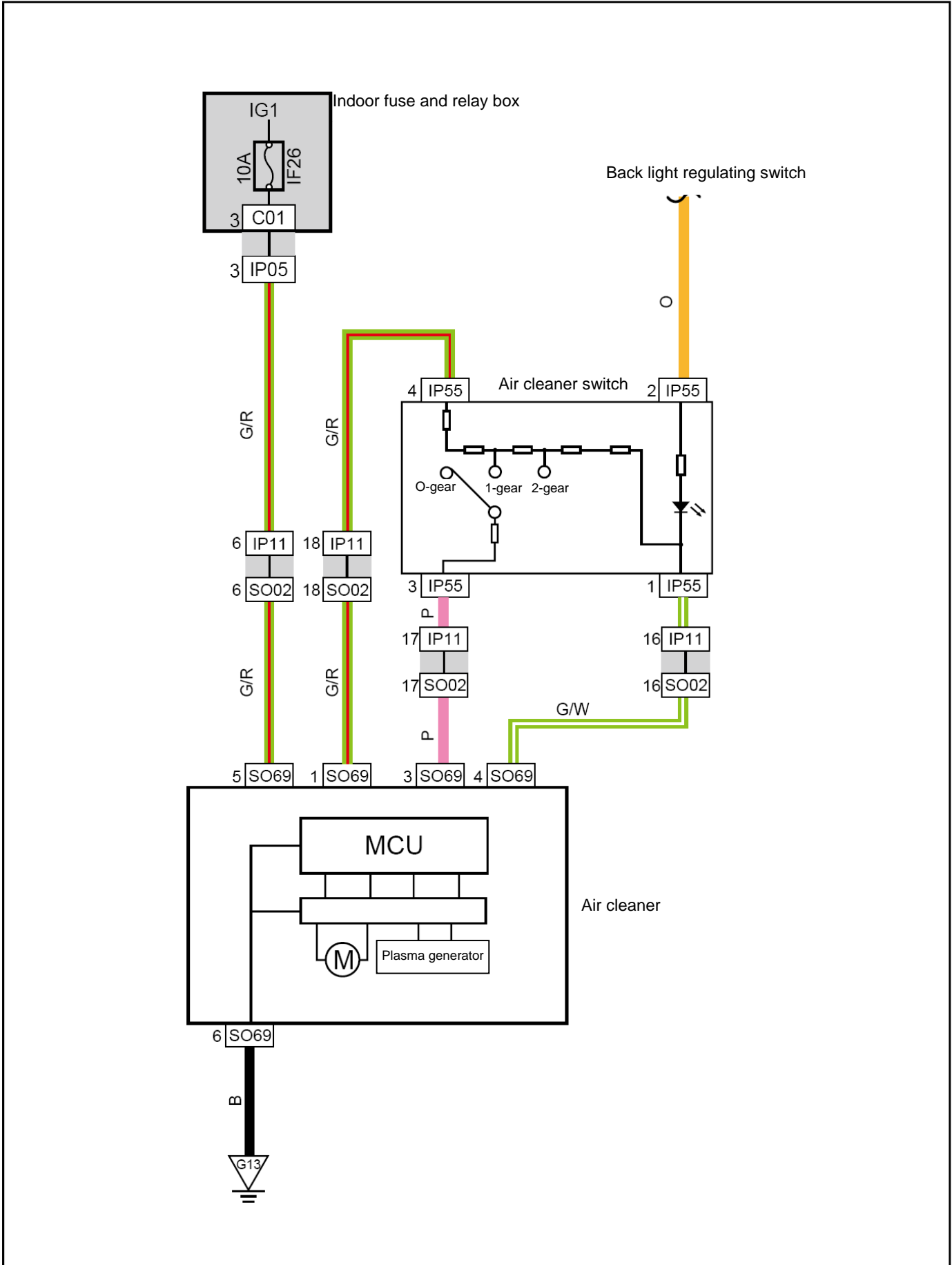
Cold-warm Wind Direction Motor Regulation



Harness connector	Name	Page
IP40	Air conditioner control module harness connector	56
IP45	To air conditioner actuator harness connector	56

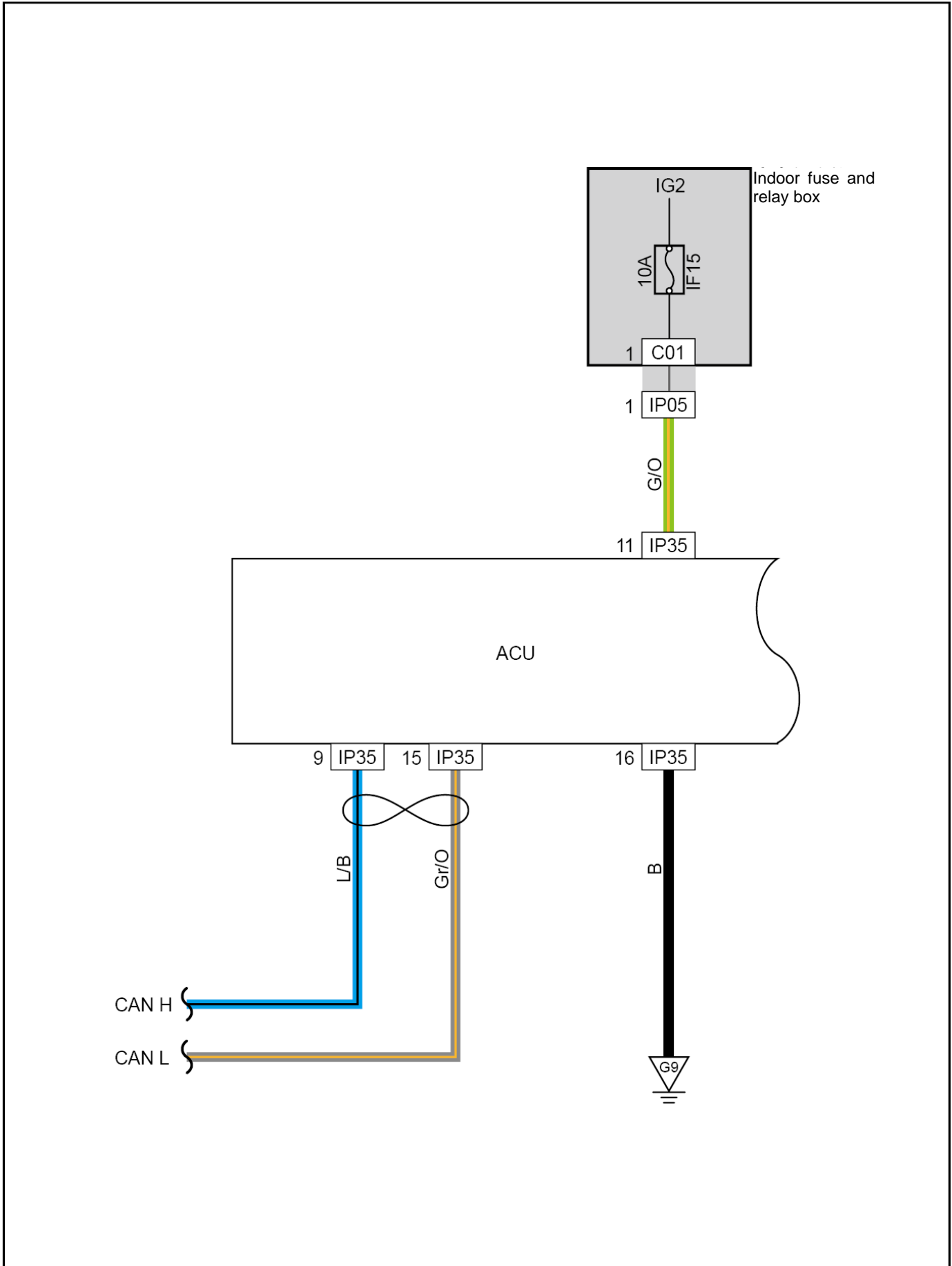
Harness connector	Name	Page
L	Sensor to module internal low reference circuit	206

Air Cleaner



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP55	Air cleaner switch harness connector	65
IP11	To base plate harness, harness connector	56
SO02	To instrument harness, harness connector	71/79
SO69	Air cleaner harness connector	84/87
G13	Base plate grounding	102/103

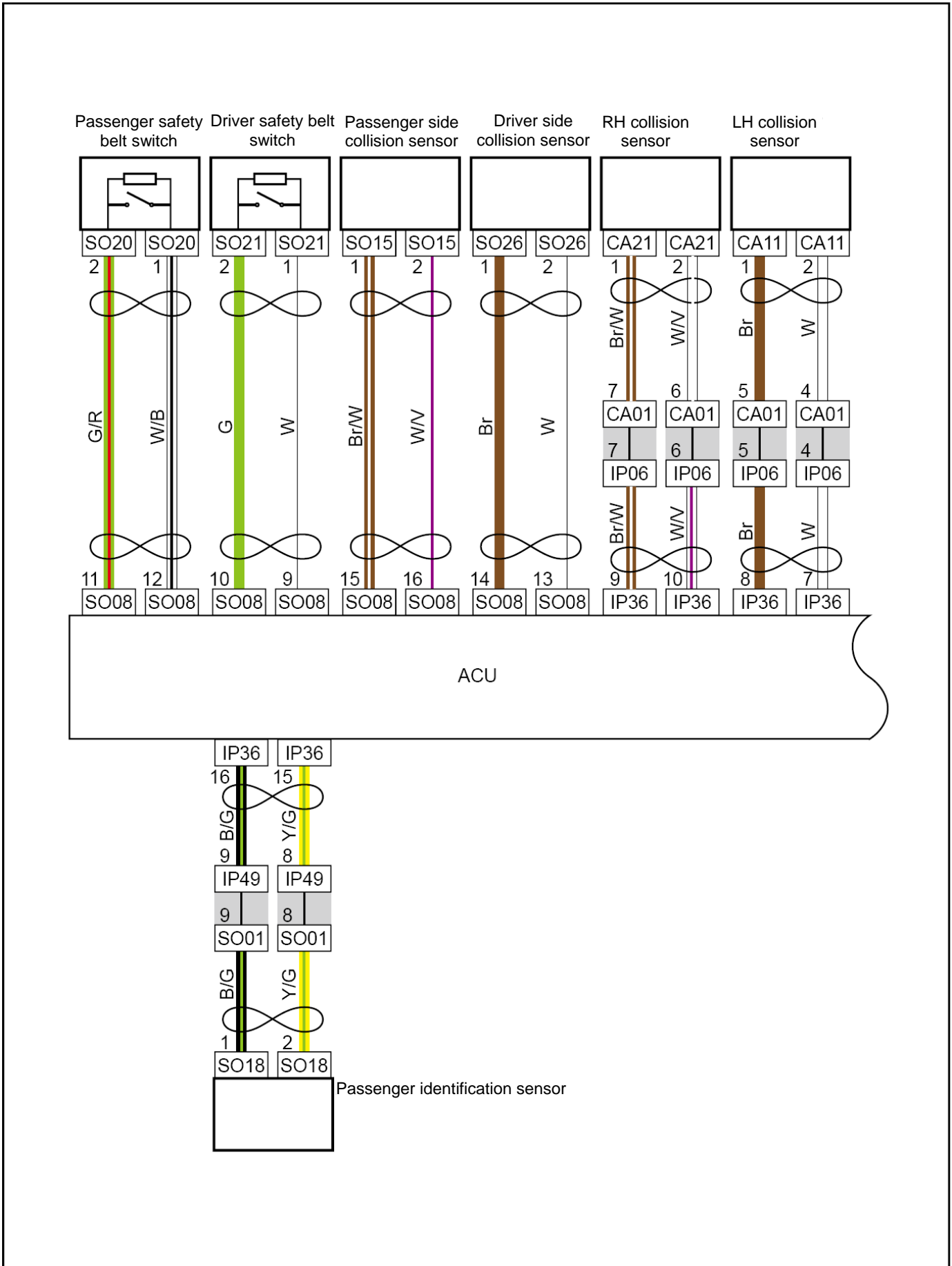
ACU Power Supply, Grounding, Data Line



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP35	Airbag module 1	56
C01	Indoor fuse box back connector	19
G9	Instrument panel grounding	101

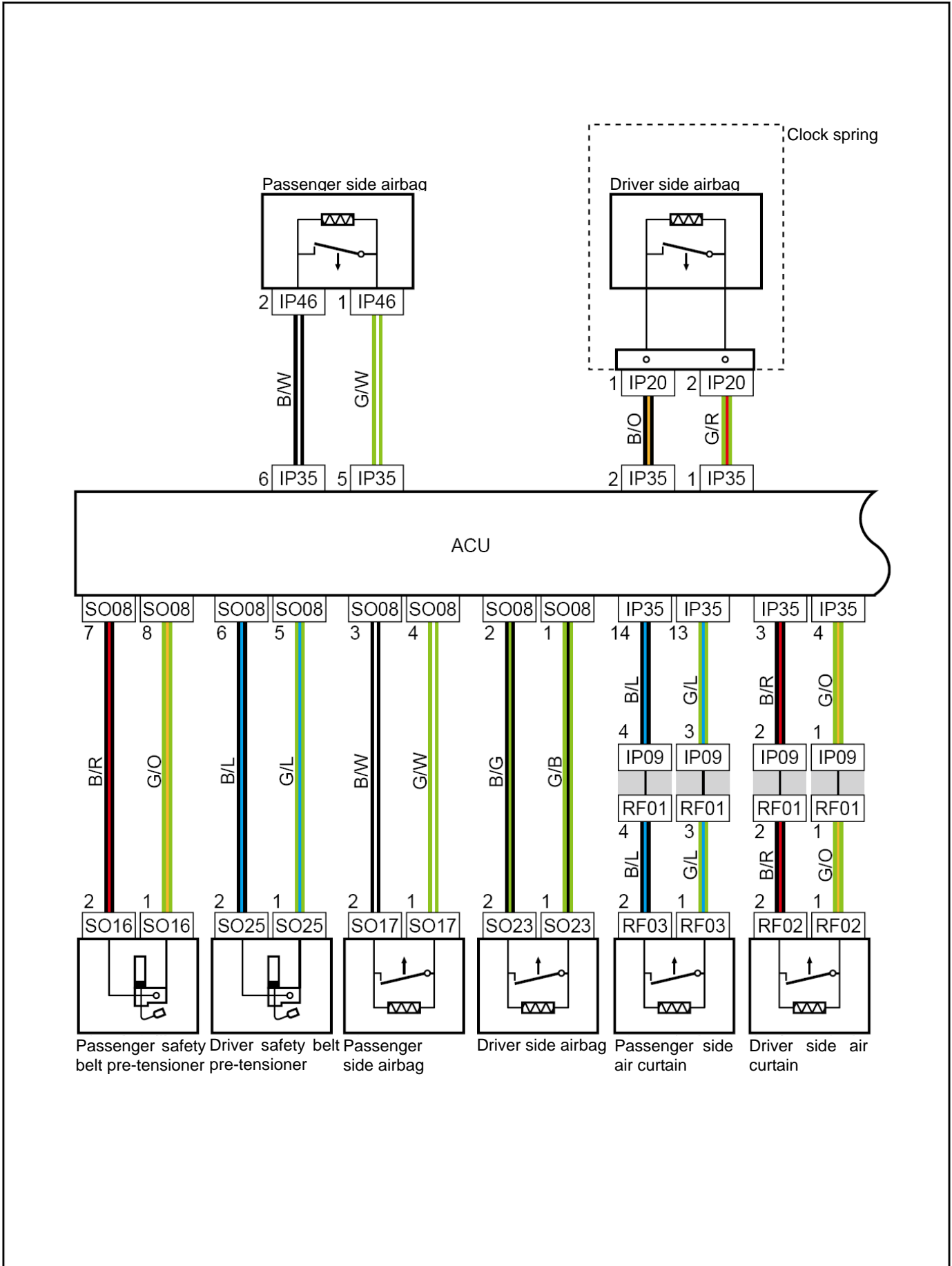
Harness connector	Name	Page
IP35-9	CAN H	338/340/342 344
IP35-15	CAN L	338/340/342 344

ACU Sensor



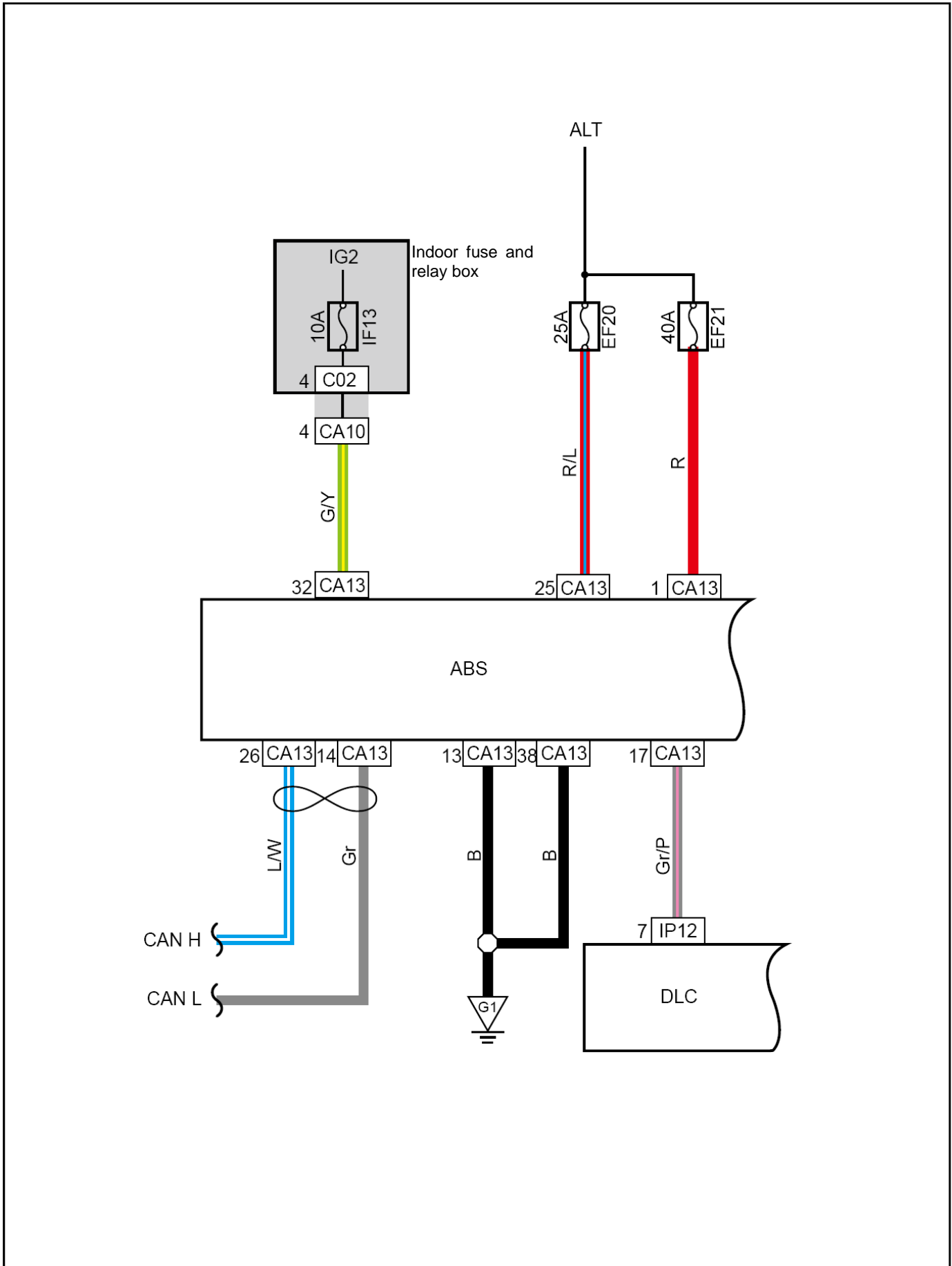
Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA11	L.F. collision sensor harness connector	25
CA21	R.F. collision sensor harness connector	25
IP06	To engine compartment harness connector	56
IP36	Airbag module 3	56
IP49	To base plate harness connector	56
SO01	To instrument harness connector	71/79
SO08	Airbag module 2 harness connector	71/79
SO15	RH collision sensor harness connector	71/79
SO18	Passenger identification sensor harness connector	71/79
SO20	Passenger side safety belt switch harness connector	71/79
SO21	Driver side safety belt switch harness connector	71/79
SO26	Driver side collision sensor harness connector	71/79

Safety Belt Pre-tensioner, Inflated Module



Harness connector	Name	Page
IP09	To roof harness connector	56
IP20	Clock spring 2 (driver airbag) harness connector	56
IP35	Airbag module 1	56
IP46	Passenger side airbag harness connector	56
RF01	To instrument harness connector	68
RF02	Driver side air curtain harness connector	68
RF03	Passenger side air curtain harness connector	68
SO08	Airbag module 2 harness connector	71/79
SO16	Passenger safety belt pre-tension harness connector	71/79
SO17	Passenger side airbag harness connector	71/79
SO20	Passenger side safety belt switch harness connector	71/79
SO23	Driver side airbag harness connector	71/79
SO25	Driver safety belt pre-tensioner harness connector	71/79

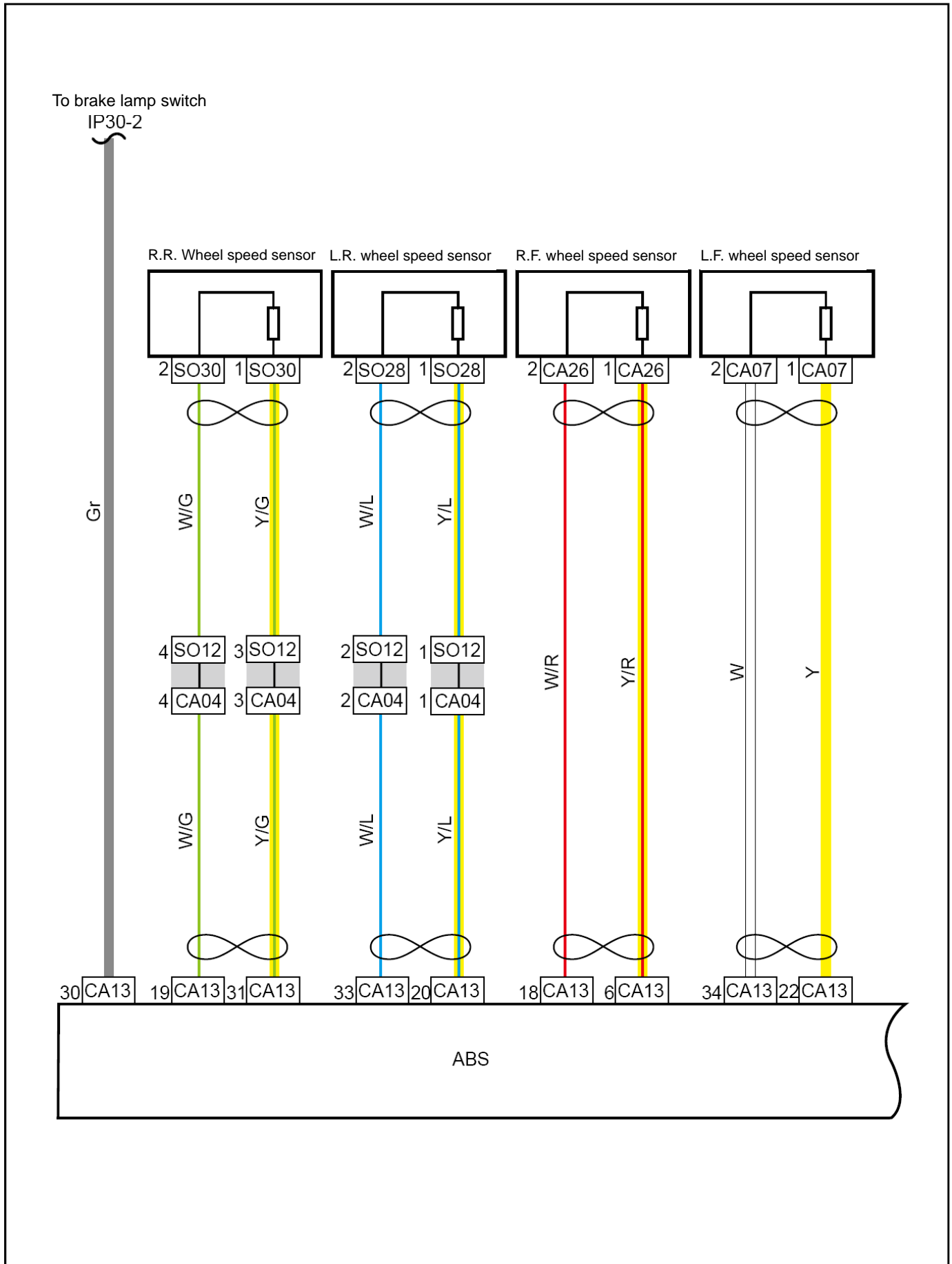
ABS Power Supply, Grounding, Data Line



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA13	ABS control module harness connector	25
IP12	Diagnosis interface harness connector	56
C01	Indoor fuse box back connector	19
G1	Engine compartment grounding	97/99

Connection point	Description	Page
CA13-14	CAN L	338/340/342/344
CA13-26	CAN H	338/340/342/344

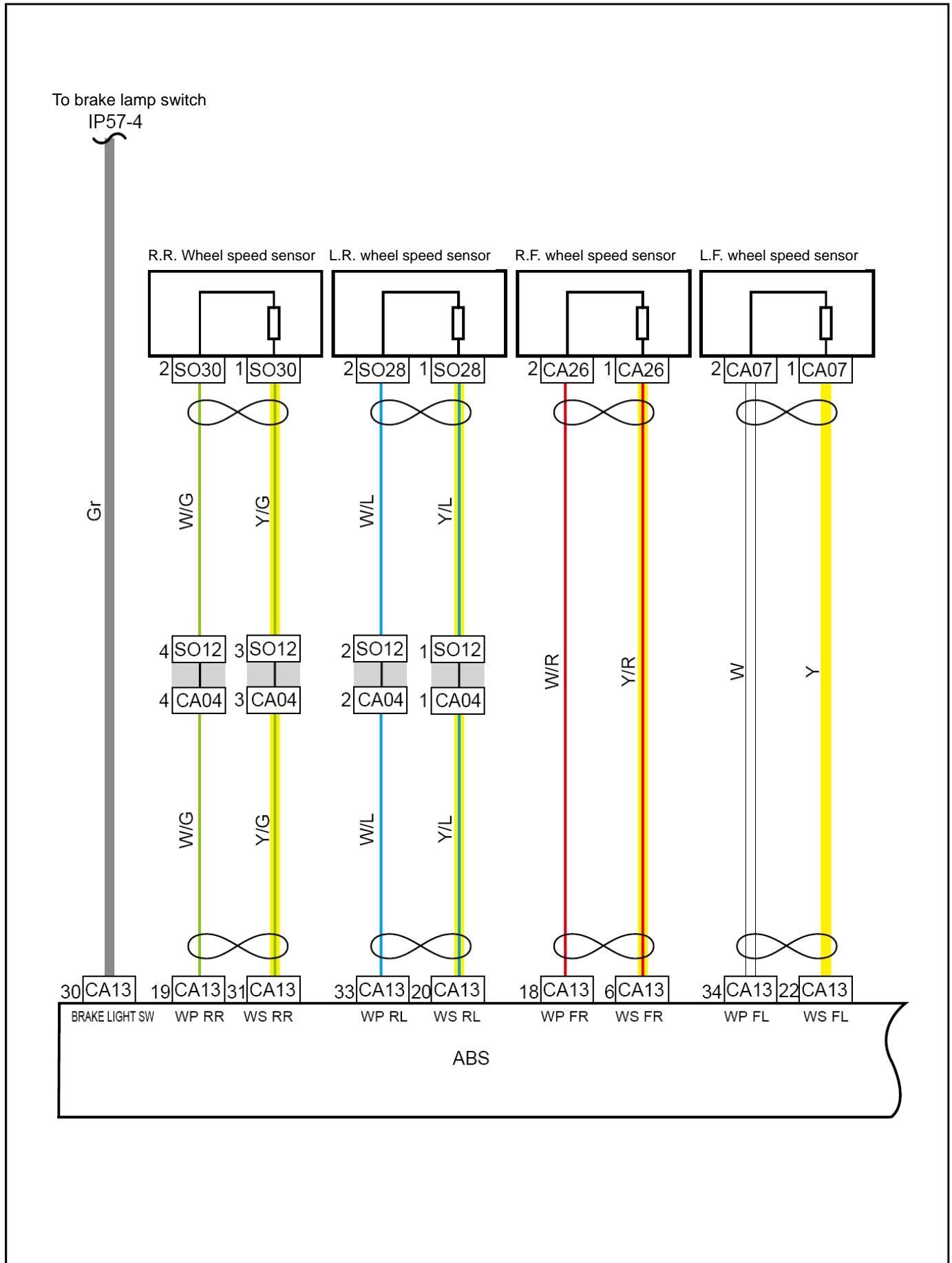
ABS Sensor



Harness connector	Name	Page
CA04	To base plate harness, harness connector	24
CA07	L.F. wheel speed sensor harness connector	25
CA13	ABS control module harness connector	25
CA26	R.F. wheel speed sensor harness connector	25
SO12	To bonnet harness, harness connector	71/79
SO28	L.R. wheel speed sensor harness connector	71/79
SO30	R.R. wheel speed sensor harness connector	71/79

Connection point	Description	Page
CA13-30	To brake lamp switch IP30-2	298

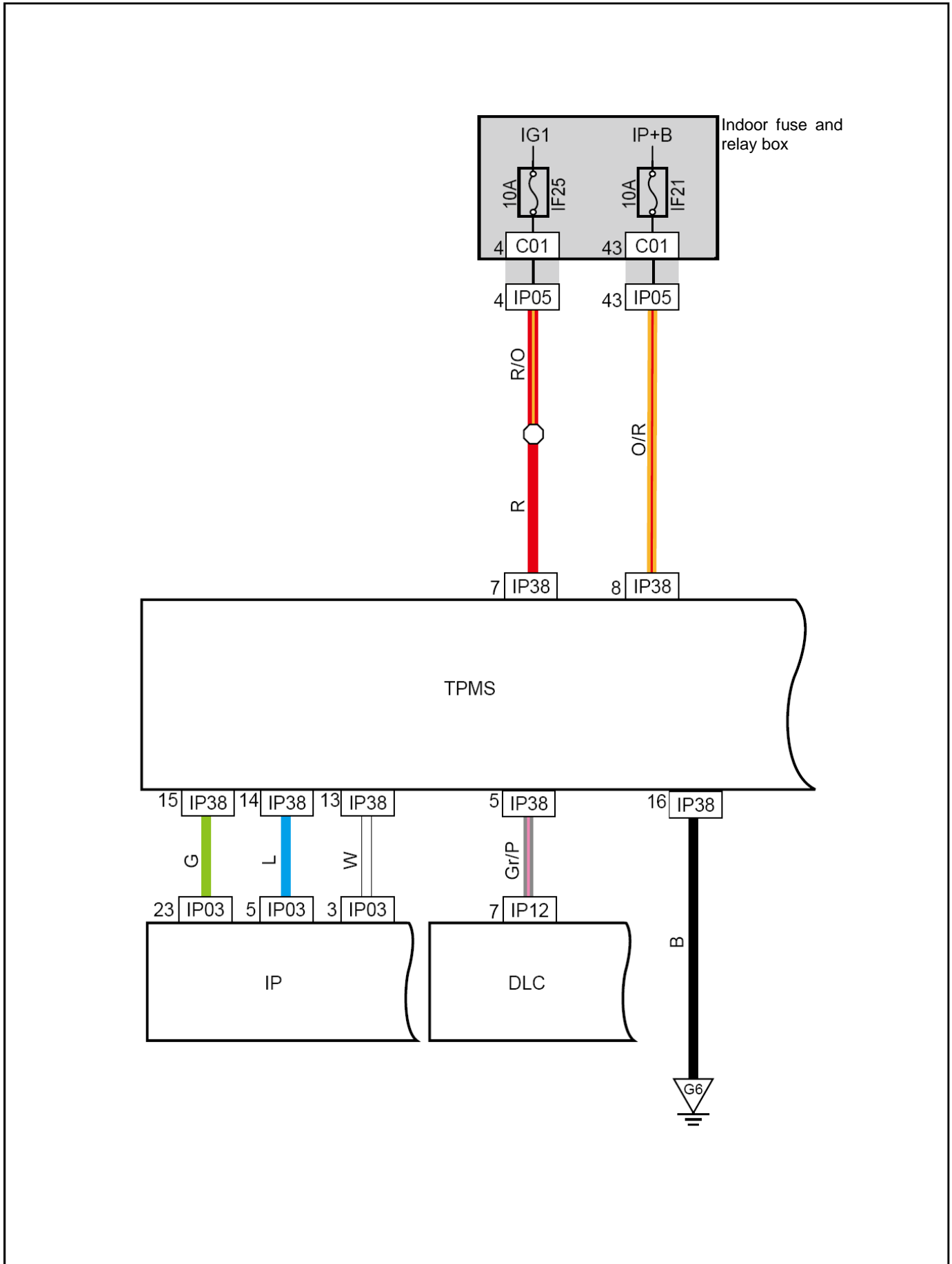
ABS Sensor (CVT)



Harness connector	Name	Page
CA04	To base plate harness, harness connector	24
CA07	L.F. wheel speed sensor harness connector	25
CA13	ABS control module harness connector	25
CA26	R.F. wheel speed sensor harness connector	25
SO12	To bonnet harness, harness connector	71/79
SO28	L.R. wheel speed sensor harness connector	71/79
SO30	R.R. wheel speed sensor harness connector	71/79

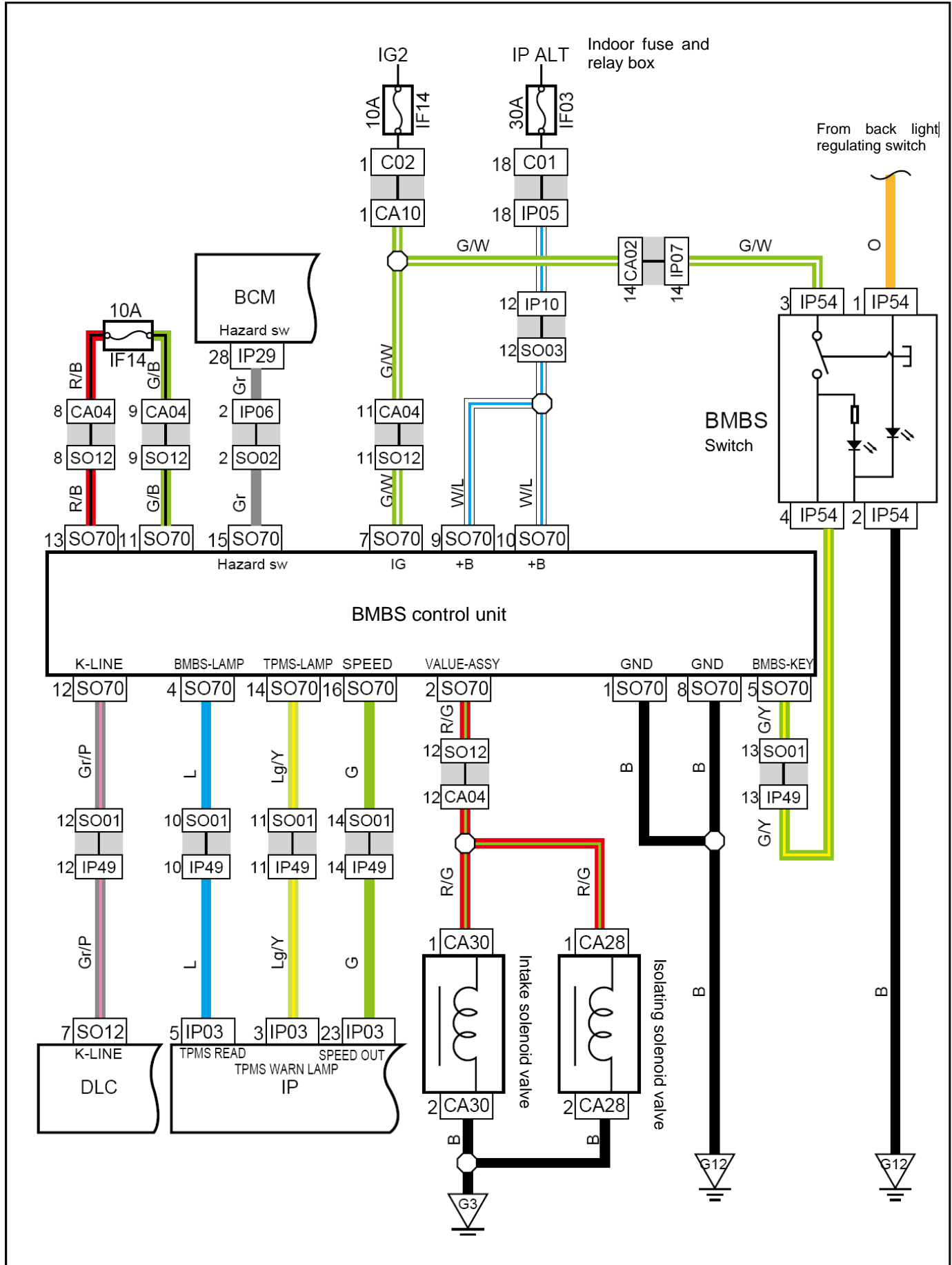
Connection point	Description	Page
CA13-30	To brake lamp switch IP57-4	300

Tire Pressure Monitoring System



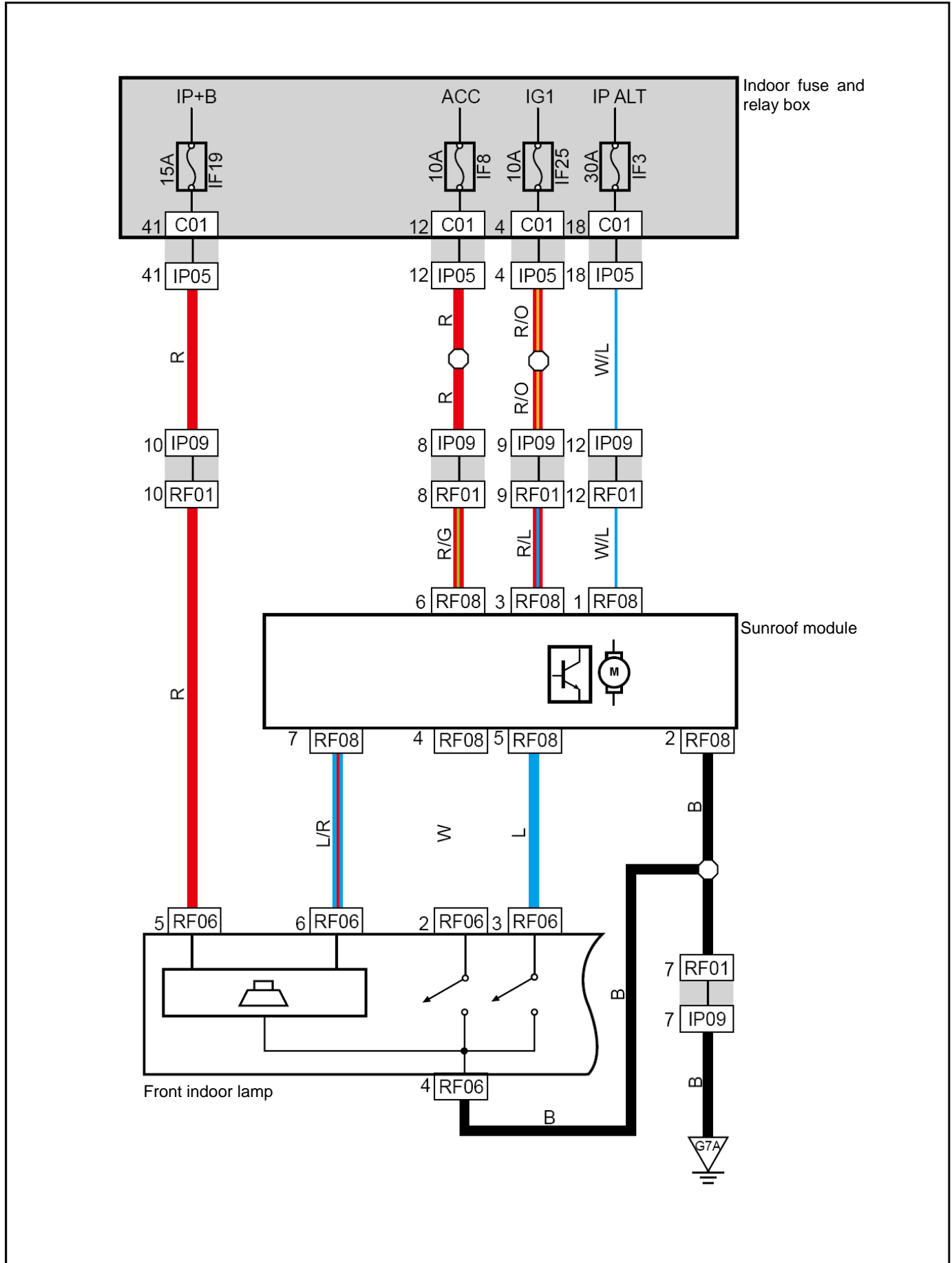
Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP12	Diagnosis interface harness connector	56
IP38	Tire pressure monitoring system	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101

BMBS



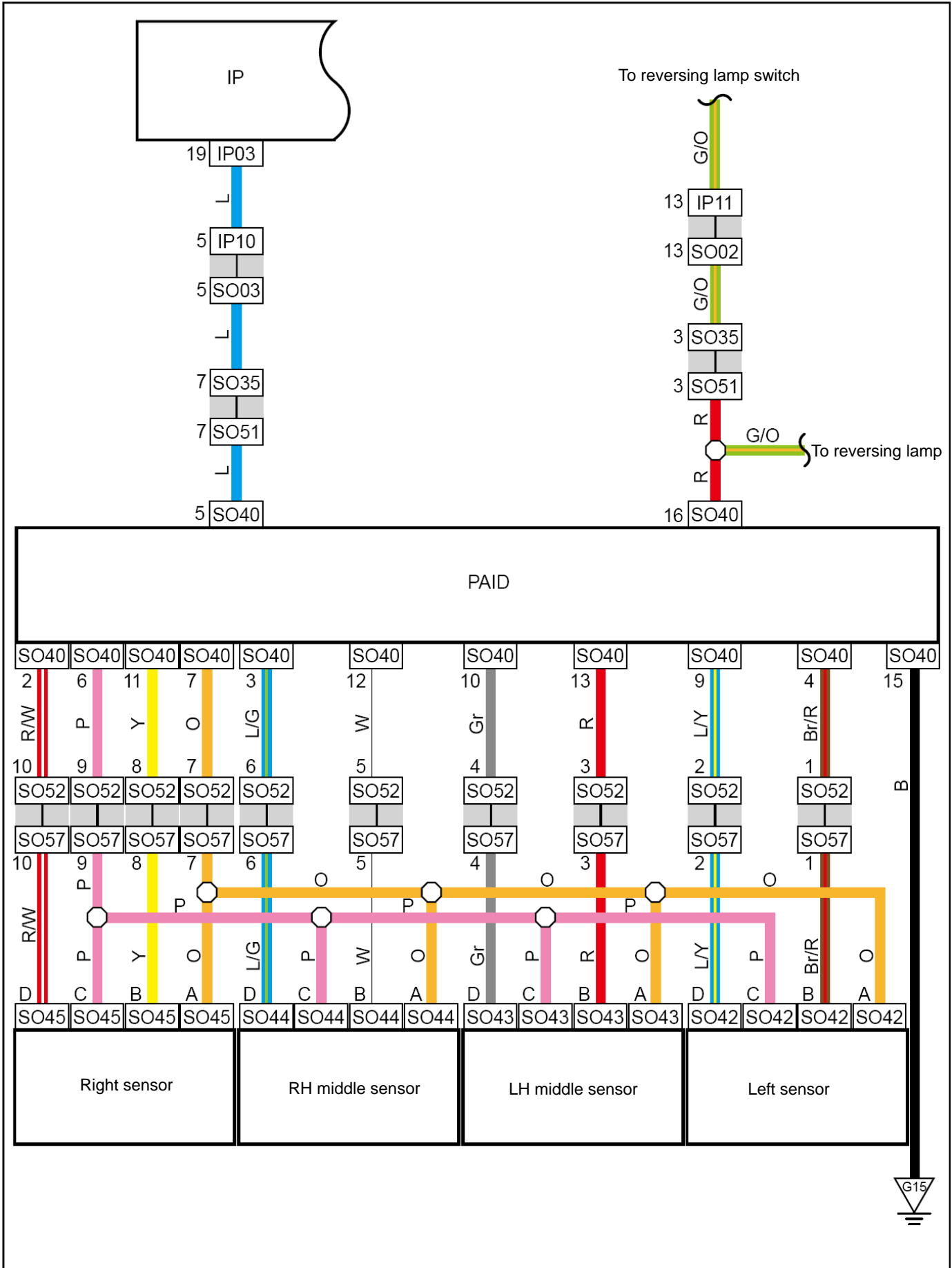
Harness connector	Name	Page
C02	Indoor fuse box back connector	19
CA10	To fuse box 3 harness connector	24
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
CA02	To instrument harness 2 harness connector	24
IP07	To engine compartment harness, harness connector	56
IP54	BMBS switch harness connector	65
IP10	To base plate harness, harness connector	56
SO03	To instrument harness, harness connector	71/79
SO70	To BMBS controller harness connector	89/102
IP29	Vehicle body control module 1 harness connector	56
IP06	To engine compartment harness, harness connector	56
SO02	To instrument harness, harness connector	71/79
CA04	To base plate harness, harness connector	24
SO12	To bonnet harness, harness connector	71/79
SO01	To instrument harness, harness connector	71/79
IP49	To base plate harness (RH) harness connector	56
IP03	Instrument cluster harness connector	56
CA28	To instrument harness 4 harness connector	30
CA30	Intake solenoid valve harness connector	29

Sunroof



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP09	To roof harness connector	56
RF01	To instrument harness connector	68
RF06	Indoor lamp + sunroof switch harness connector	68
RF08	Sunroof module harness connector	68
C01	indoor fuse box back connector	19
G7A	Instrument panel grounding	101

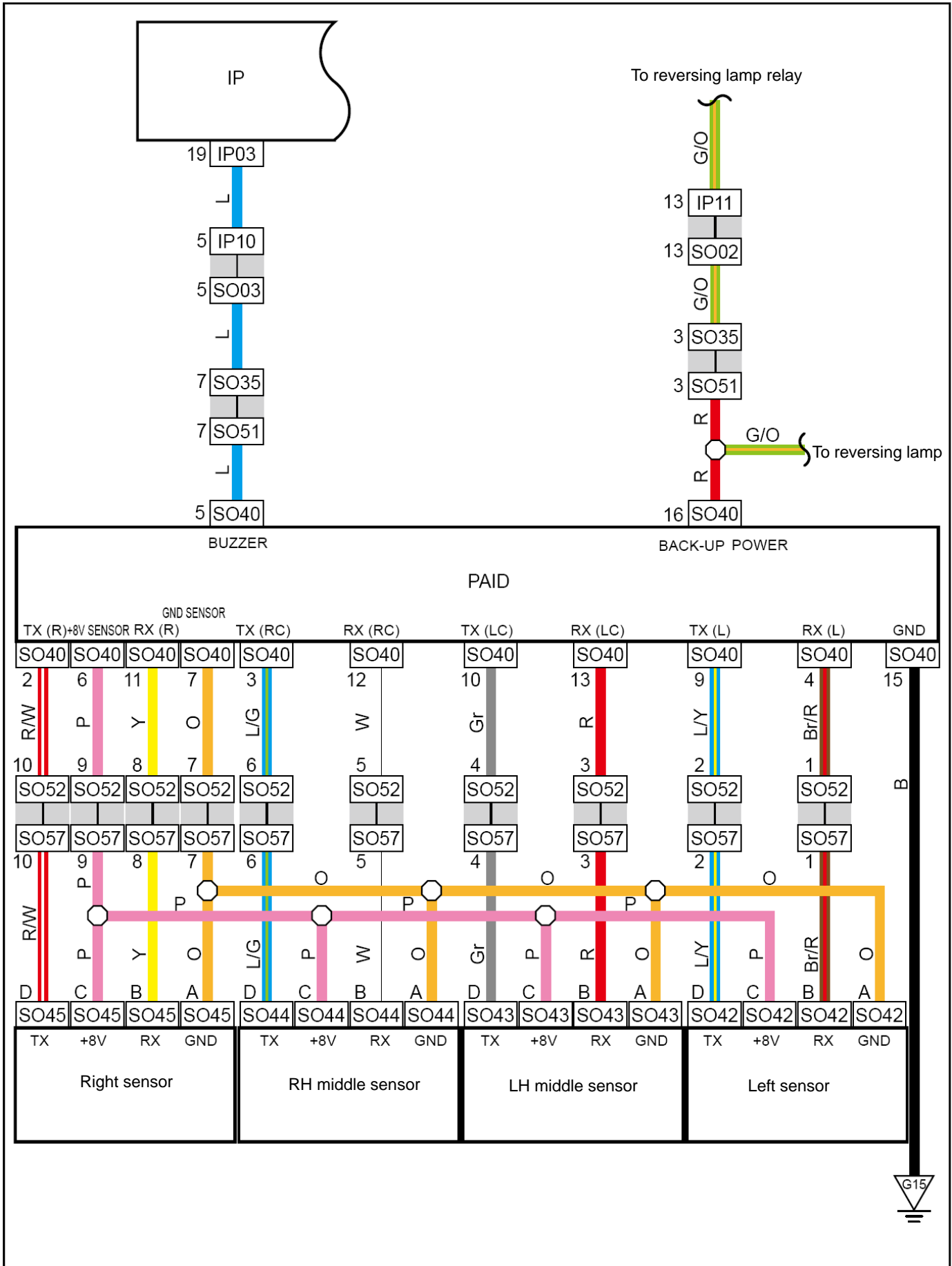
Reversing Radar (Sedan)



Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP10	To base plate harness connector	56
IP11	To base plate harness connector	56
SO02	To instrument harness connector	71/79
SO03	To instrument harness connector	71/79
SO35 (Sedan)	To trunk harness connector	71
SO40	Reversing radar module harness connector	71/79
SO42	LH reversing radar sensor harness connector	71/79
SO43	LH middle reversing radar sensor harness connector	71/79
SO44	RH middle reversing radar sensor harness connector	71/79
SO45	RH reversing radar sensor harness connector	71
SO51 (Sedan)	To base plate harness connector	71
SO52 (Sedan)	To base plate harness connector	71
SO57 (Sedan)	To trunk harness connector	71
G15 (Sedan)	Base plate grounding	102

Connection point	Description	Page
SO40-16	To reversing lamp switch	304
SO40-16	To reversing lamp	304

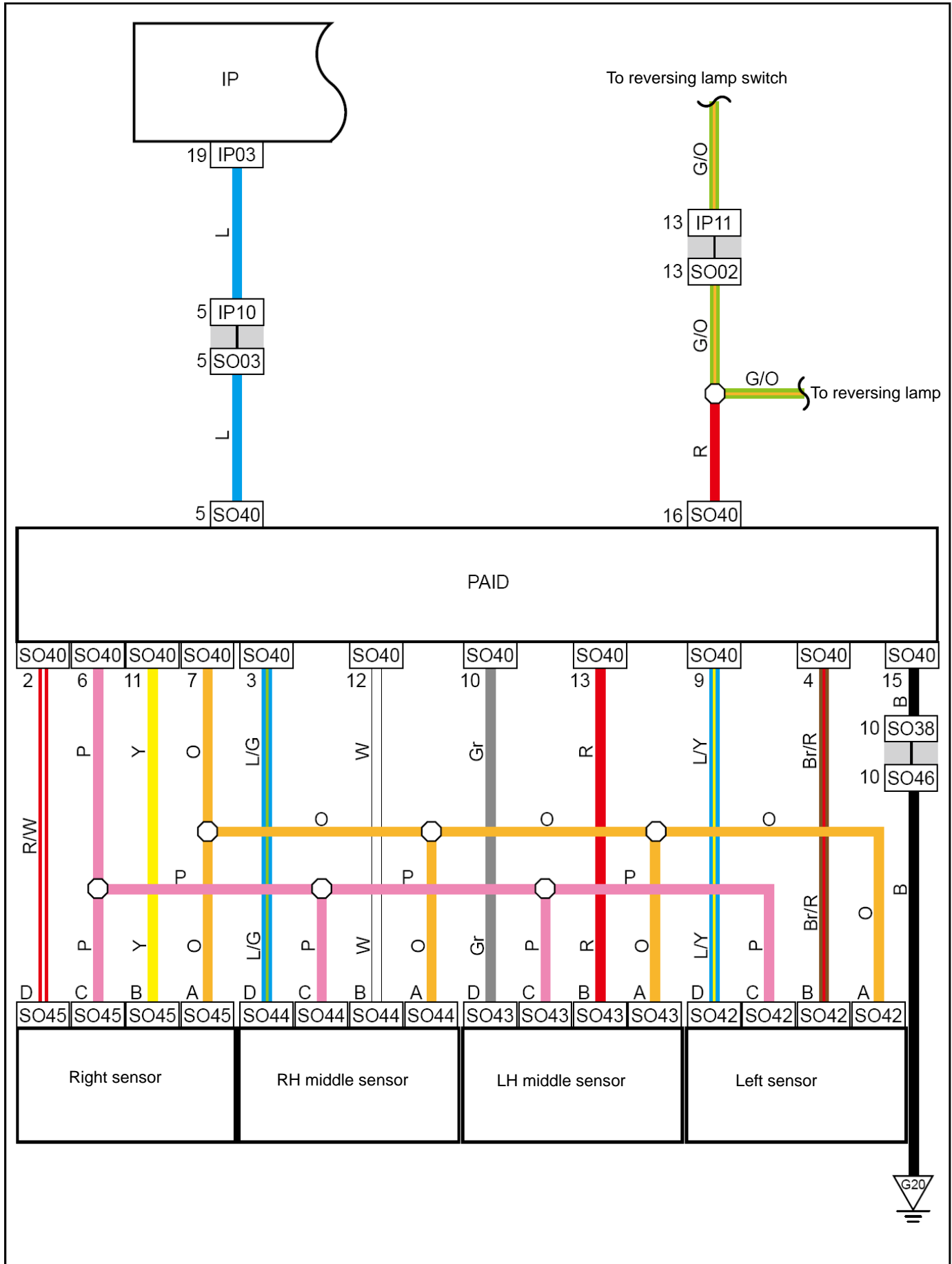
Reversing Radar (Sedan) (CVT)



Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP10	To base plate harness connector	56
IP11	To base plate harness connector	56
SO02	To instrument harness connector	71/79
SO03	To instrument harness connector	71/79
SO35 (Sedan)	To trunk harness connector	71
SO40	Reversing radar module harness connector	71/79
SO42	LH reversing radar sensor harness connector	71/79
SO43	LH middle reversing radar sensor harness connector	71/79
SO44	RH middle reversing radar sensor harness connector	71/79
SO45	RH reversing radar sensor harness connector	71/79
SO51 (Sedan)	To base plate harness connector	71
SO52 (Sedan)	To base plate harness connector	71
SO57 (Sedan)	To trunk harness connector	71
G15 (Sedan)	Base plate grounding	101

Connection point	Description	Page
SO40-16	To reversing lamp relay	306
SO40-16	To reversing lamp	306

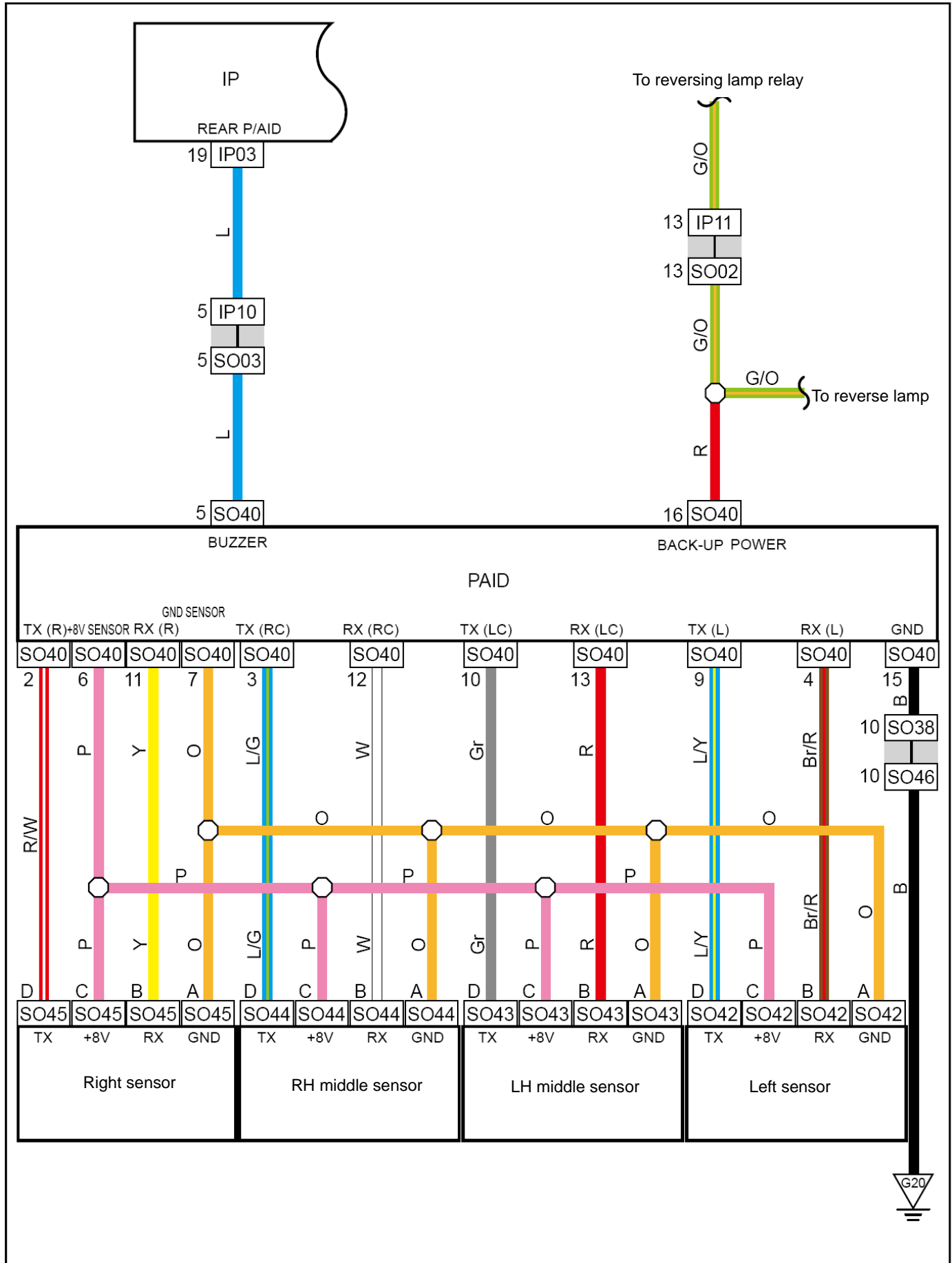
Reversing Radar (Hatchback)



Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP10	To base plate harness, harness connector	56
IP11	To base plate harness, harness connector	56
SO02 (Hatchback)	To instrument harness, harness connector	79
SO03 (Hatchback)	To instrument harness, harness connector	79
SO38 (Hatchback)	To back door harness, harness connector	79
SO40 (Hatchback)	Reversing radar module harness connector	79
SO42 (Hatchback)	LH reversing radar sensor harness connector	79
SO43 (Hatchback)	LH middle reversing radar sensor harness connector	79
SO44 (Hatchback)	RH middle reversing radar sensor harness connector	79
SO45 (Hatchback)	RH reversing radar sensor harness connector	79
SO46 (Hatchback)	To base plate harness connector	79
G20 (Hatchback)	Back door grounding	104

Connection point	Description	Page
SO40-16	To reverse lamp switch	304
SO40-16	To reverse lamp	304

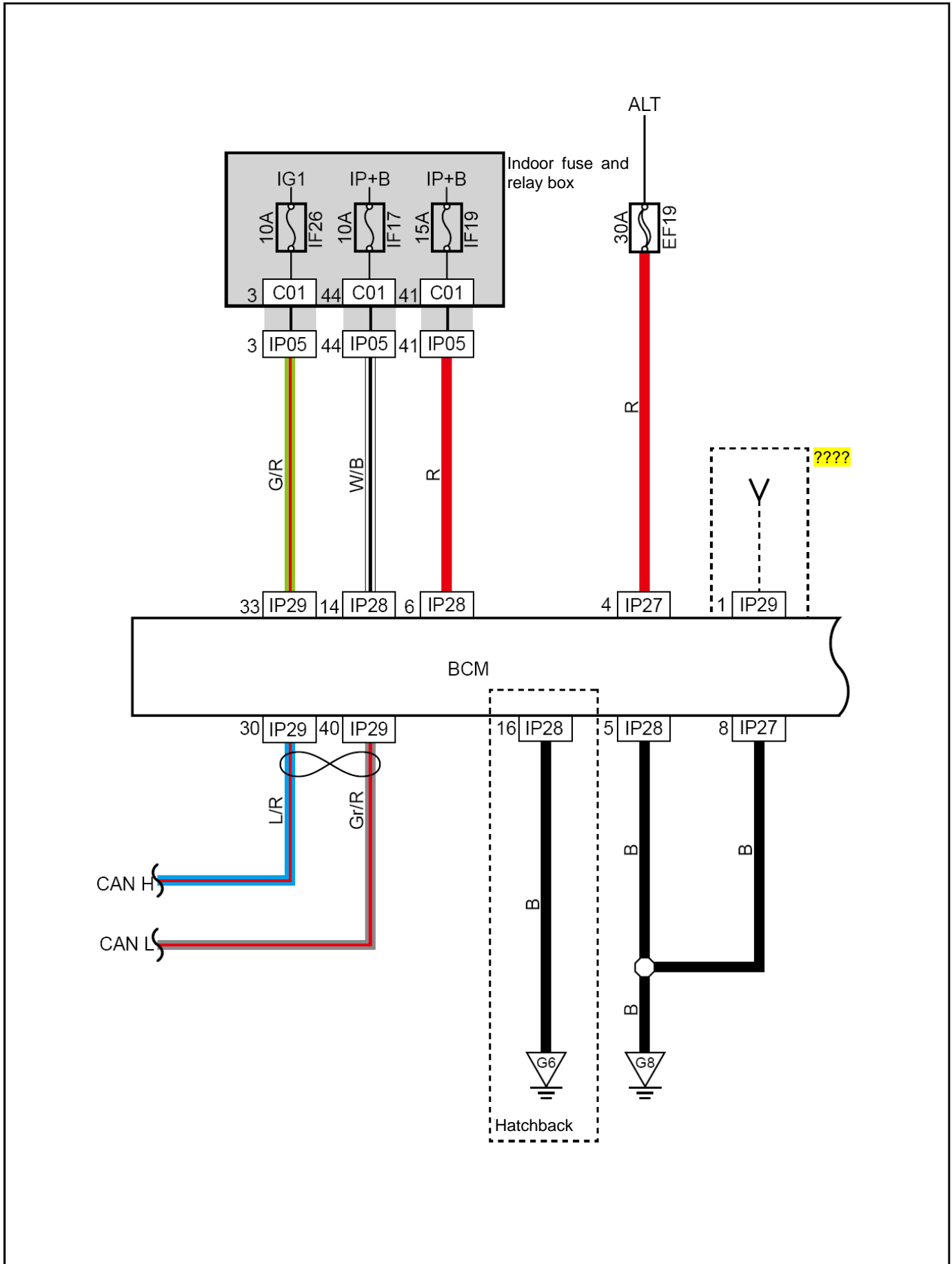
Reversing Radar (Hatchback) (CVT)



Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP10	To base plate harness, harness connector	56
IP11	To base plate harness, harness connector	56
SO02 (Hatchback)	To instrument harness, harness connector	79
SO03 (Hatchback)	To instrument harness, harness connector	79
SO38 (Hatchback)	To back door harness, harness connector	79
SO40 (Hatchback)	Reversing radar module harness connector	79
SO42 (Hatchback)	LH reversing radar sensor harness connector	79
SO43 (Hatchback)	LH middle reversing radar sensor harness connector	79
SO44 (Hatchback)	RH middle reversing radar sensor harness connector	79
SO45 (Hatchback)	RH reversing radar sensor harness connector	79
SO46 (Hatchback)	To base plate harness connector	79
G20 (Hatchback)	Back door grounding	104

Connection point	Description	Page
SO40-16	To reverse lamp relay	306
SO40-16	To reverse lamp	306

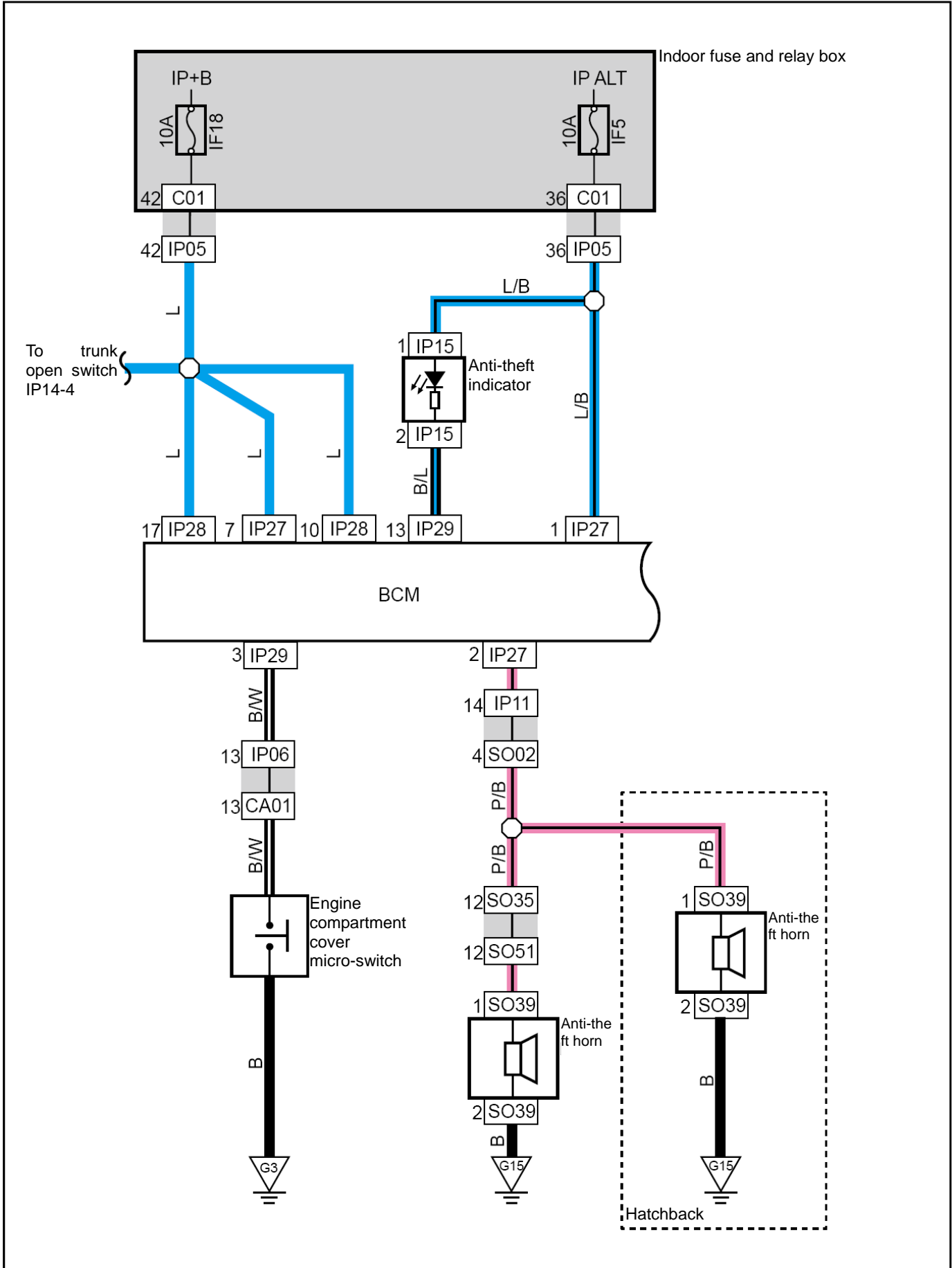
BCM Power Supply, Grounding, Data Line



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP27	Vehicle body control module 3 harness connector	56
IP28	Vehicle body control module 2 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101
G8	Instrument panel grounding	101

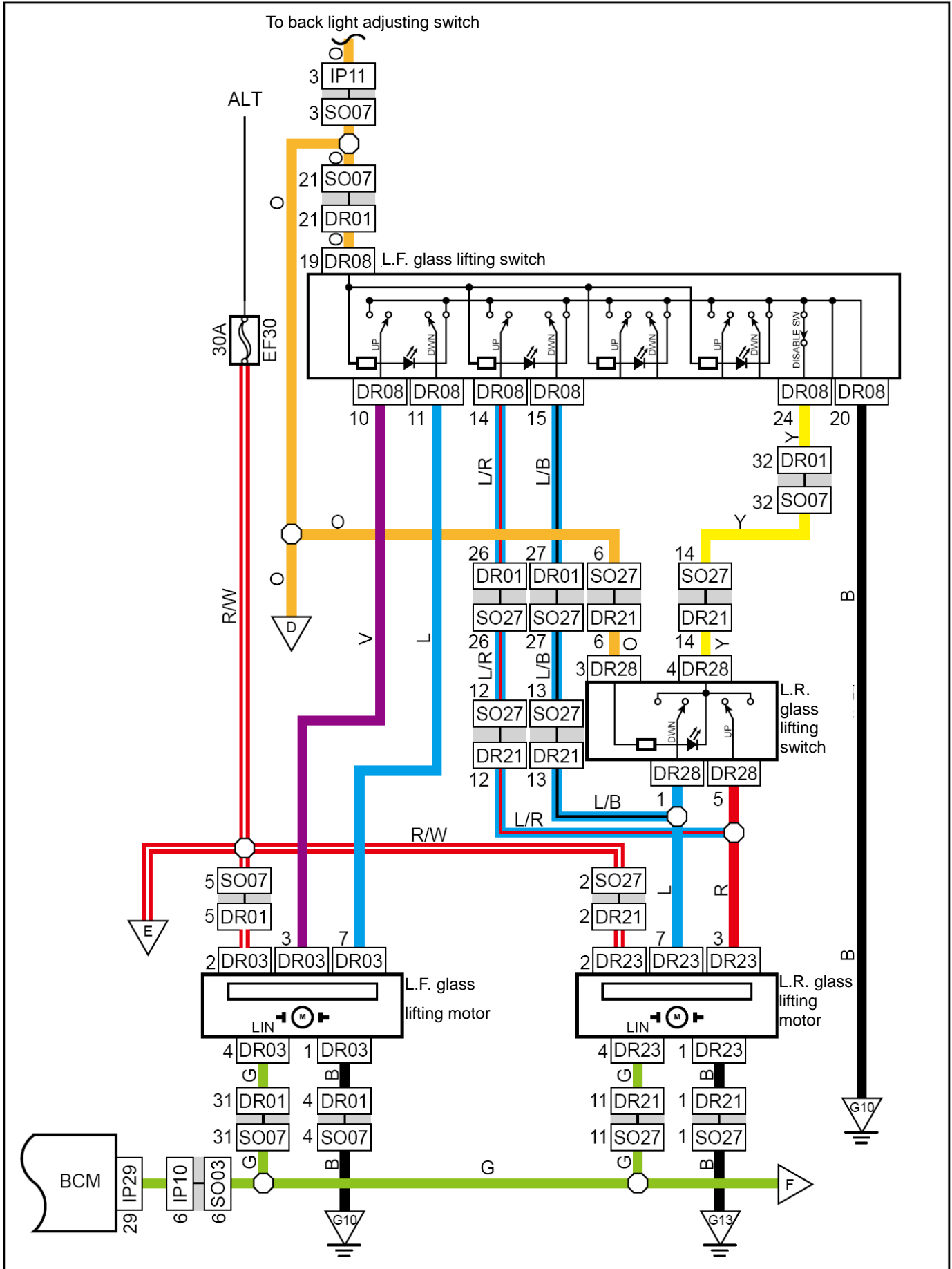
Connection point	Description	Page
IP29-30	CAN H	338/340/342/344
IP29-40	CAN L	338/340/342/344

Body Anti-theft Control System



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP11	To base plate harness connector	56
IP15	Anti-theft indication lamp harness connector	56
IP27	Vehicle body control module 3 harness connector	56
IP28	Vehicle body control module 2 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO02	To instrument harness connector	71/79
SO35(Sedan car)	To trunk harness connector	71
SO39	Anti-theft horn harness connector	71/79
SO51(Sedan car)	To base plate harness connector	71
C01	Indoor fuse box back connector	71
G3	Engine compartment grounding	19
G15 (Sedan car)	Base plate grounding	102
G15 (Hatchback)	Base plate grounding	103

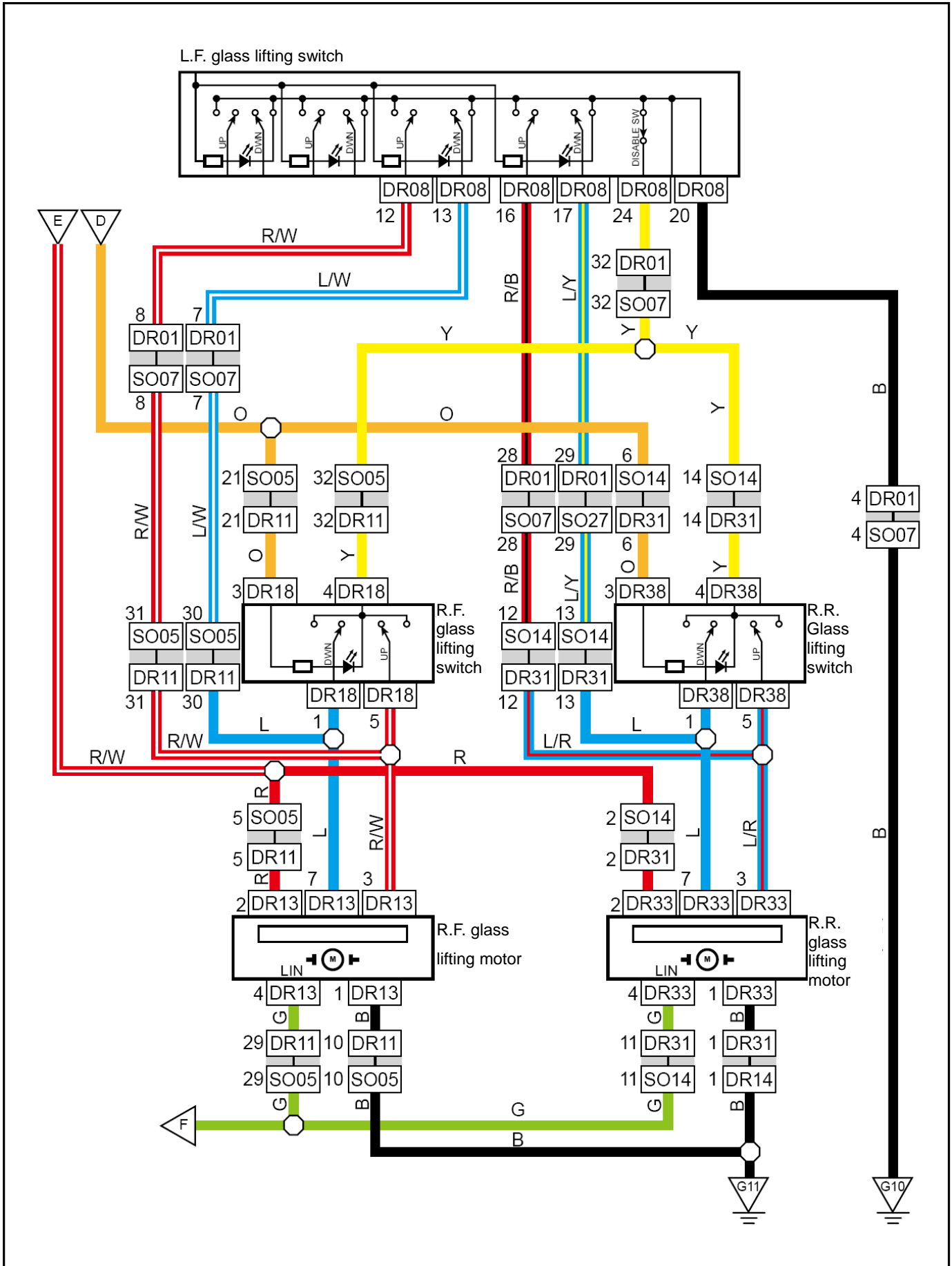
Electric Window (anti-clamping) 1



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR03	L.F. glass lifting motor harness connector	90
DR08	L.F. glass lifting switch harness connector	90
DR21	To base plate harness connector	94
DR23	L.R. glass lifting motor harness connector	94
DR28	L.R. glass lifting switch harness connector	94
IP10	To base plate harness connector	56
IP11	To base plate harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO03	To instrument harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO27	To L.R. door harness connector	71/79
G10	Base plate grounding	102/103
G13	Base plate grounding	102/103

Connection point	Description	Page
DR08-19	To back light regulating switch IP13-2	316
D	Back light regulating switch adjusting power supply	254
E	Glass lifting motor working power supply	254
F	Lin bus	254

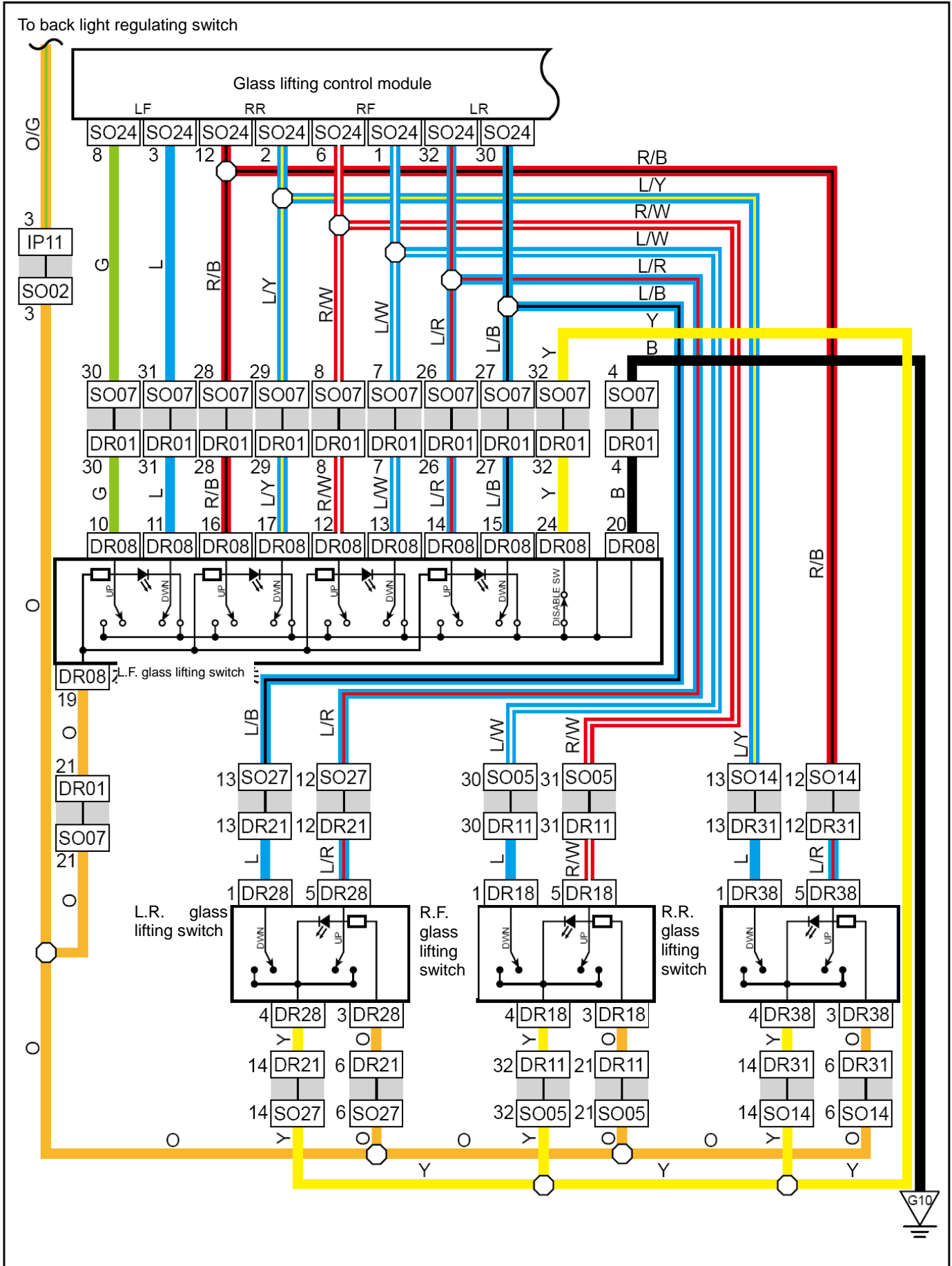
Electric Window (anti-clamping) 2



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR08	L.F. glass lifting switch harness connector	90
DR11	R.F. door to base plate harness connector	90
DR13	R.F. glass lifting motor harness connector	90
DR18	R.F. glass lifting switch harness connector	90
DR31	To base plate harness connector	94
DR33	R.R. door glass lifting motor harness connector	94
DR38	R.R. glass lifting switch harness connector	94
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO14	To R.R. door harness connector	71/79
SO27	To L.R. door harness connector	71/79
G10	Base plate grounding	102/103
G11	Base plate grounding	102/103

Connection point	Description	Page
D	Back light regulating switch adjusting power supply	252
E	Glass lifting motor working power supply	252
F	Lin bus	252

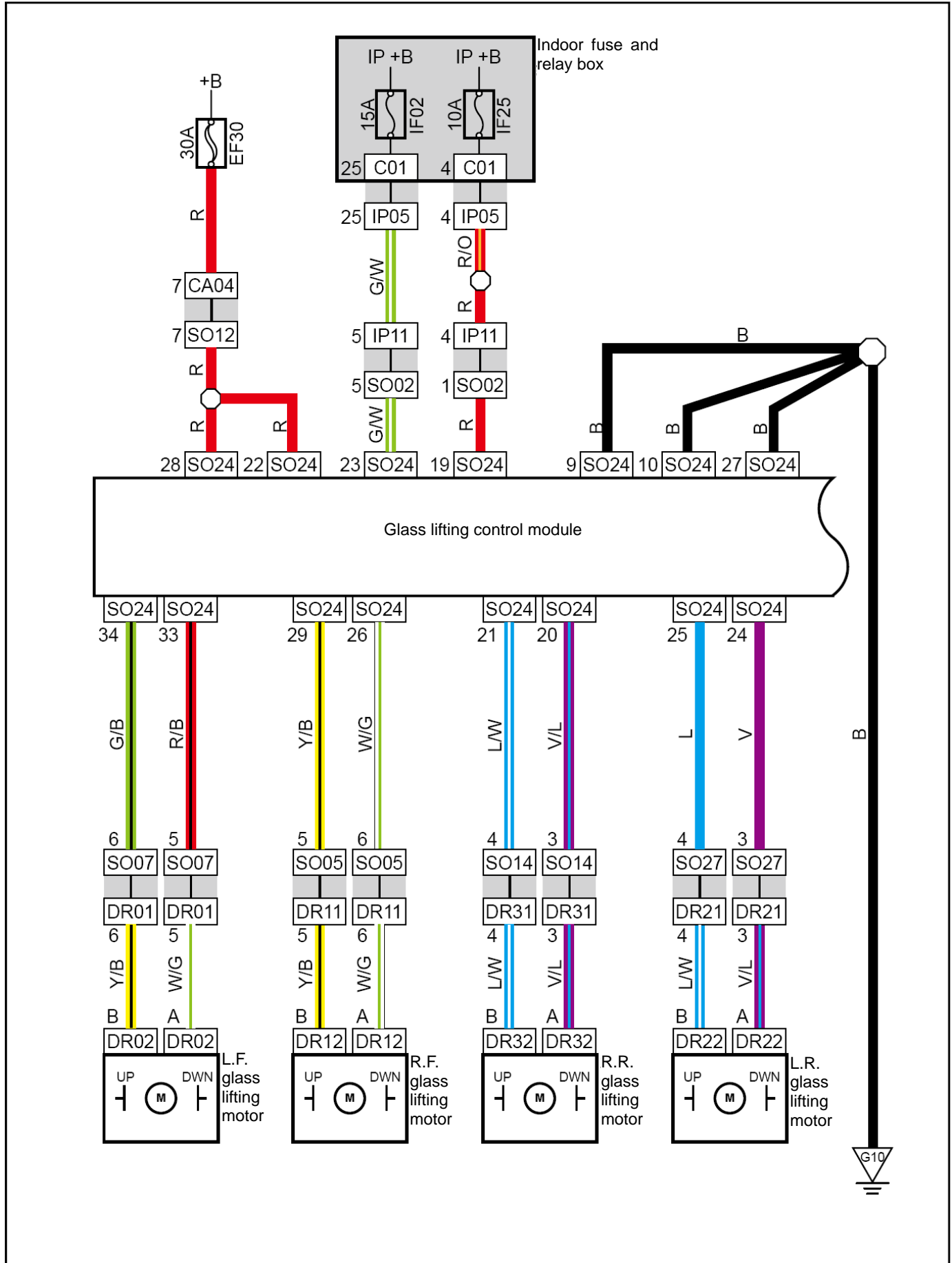
Electric Window (without anti-clamping) 1



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR08	L.F. glass lifting switch harness connector	90
DR11	R.F. door to base plate harness connector	90
DR18	R.F. glass lifting switch harness connector	90
DR21	to base plate harness connector	94
DR28	L.R. glass lifting switch harness connector	94
DR31	L.R. glass lifting switch harness connector	94
DR38	To base plate harness connector	94
IP11	To base plate harness connector	56
SO02	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO14	To R.R. door harness connector	71/79
SO24	Electric window control unit harness connector	71/79
SO27	To L.R. door harness connector	71/79
G10	Base plate grounding	102/103

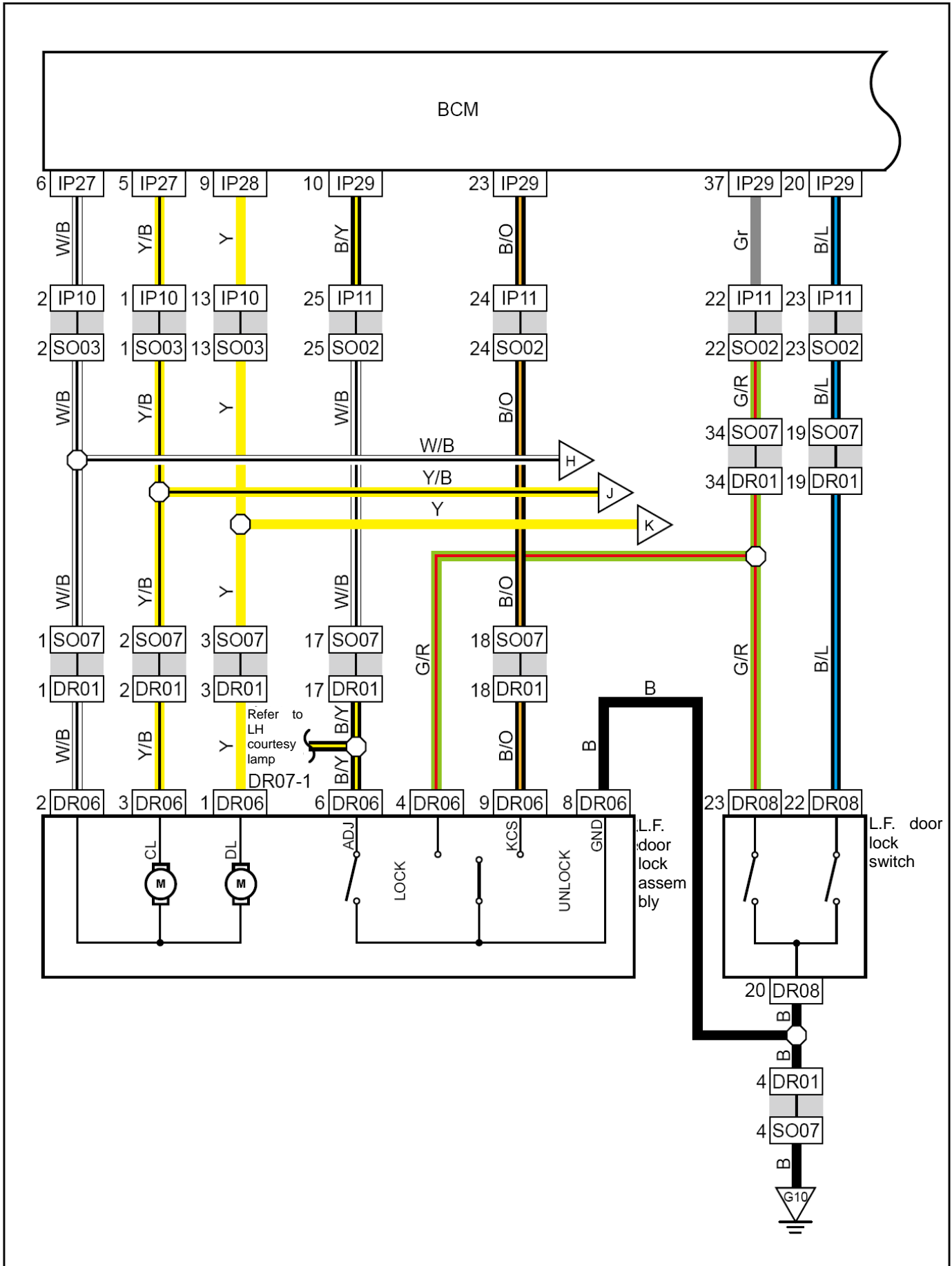
Connection point	Description	Page
IP11-3	To back light regulating switch IP13-2	316

Electric Window (without anti-clamping) 2



Harness connector	Name	Page
CA04	To base plate harness connector	24
DR01	L.F. door to base plate harness connector	90
DR02	L.F. glass lifting motor harness connector	90
DR11	R.F. door to base plate harness connector	90
DR12	R.F. glass lifting motor harness connector	90
DR21	To base plate harness connector	94
DR22	L.R. glass lifting motor harness connector	94
DR31	To base plate harness connector	94
DR32	R.R. door glass lifting motor harness connector	94
IP05	To indoor fuse and relay box harness connector	56
IP11	To base plate harness connector	56
SO02	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO12	To bonnet harness connector	71/79
SO14	To R.R. door harness connector	71/79
SO24	Electric window control unit harness connector	71/79
SO27	To L.R. door harness connector	71/79
C01	Indoor fuse box back connector	19
G10	Base plate grounding	102/103

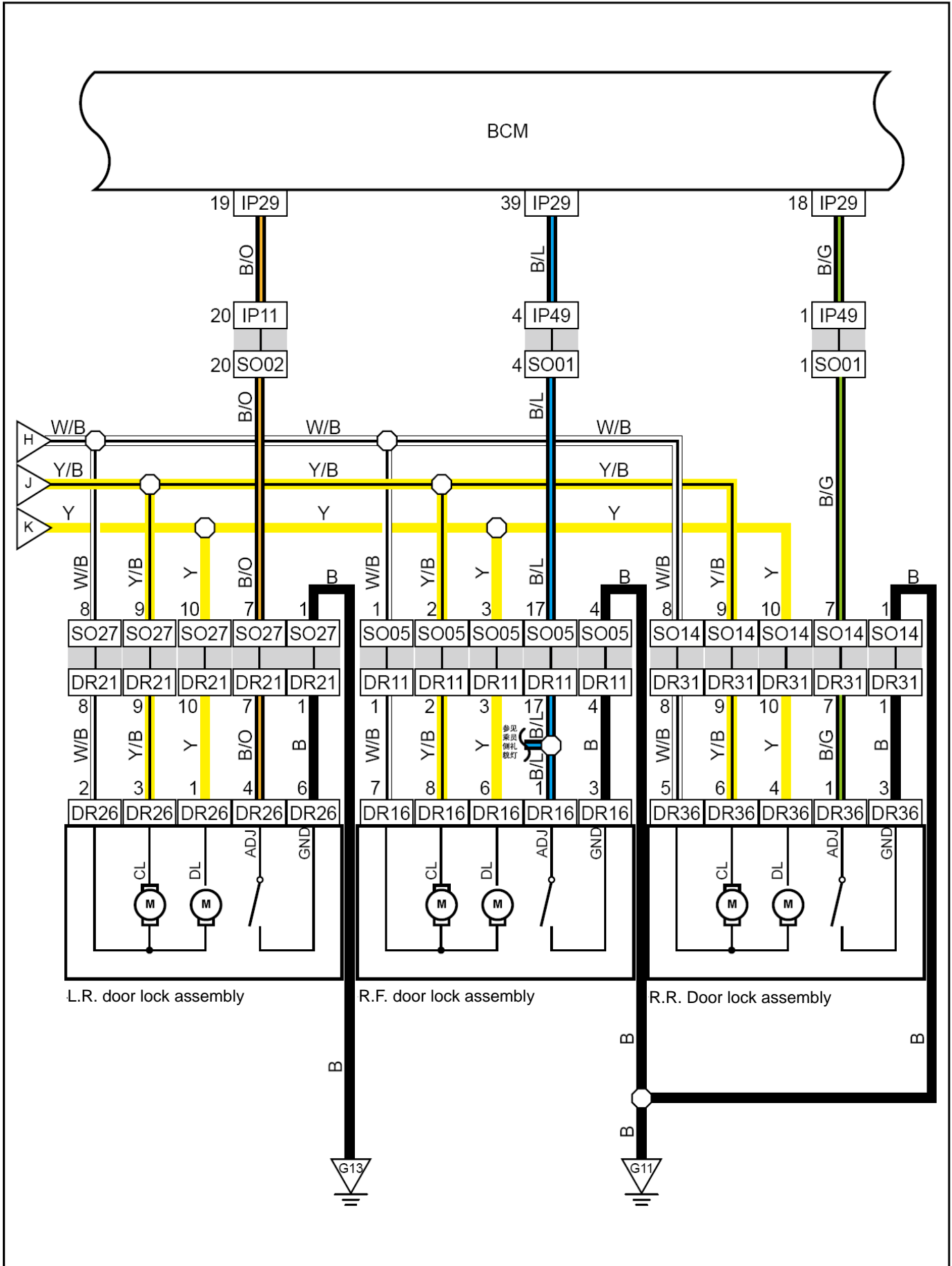
Central Controlled Lock 1



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR06	L.F. door lock motor harness connector	90
DR08	L.F. glass lifting switch harness connector	90
IP10	To base plate harness connector	56
IP11	To base plate harness connector	56
IP27	Vehicle body control module 3 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO02	To instrument harness connector	71/79
SO03	To instrument harness connector	71/79
SO07	To L.F. door harness connector	71/79
G10	Base plate grounding	102/103

Connection point	Description	Page
H	Central controlled lock control	262
J	Central controlled lock control	262
K	Central controlled lock control	262

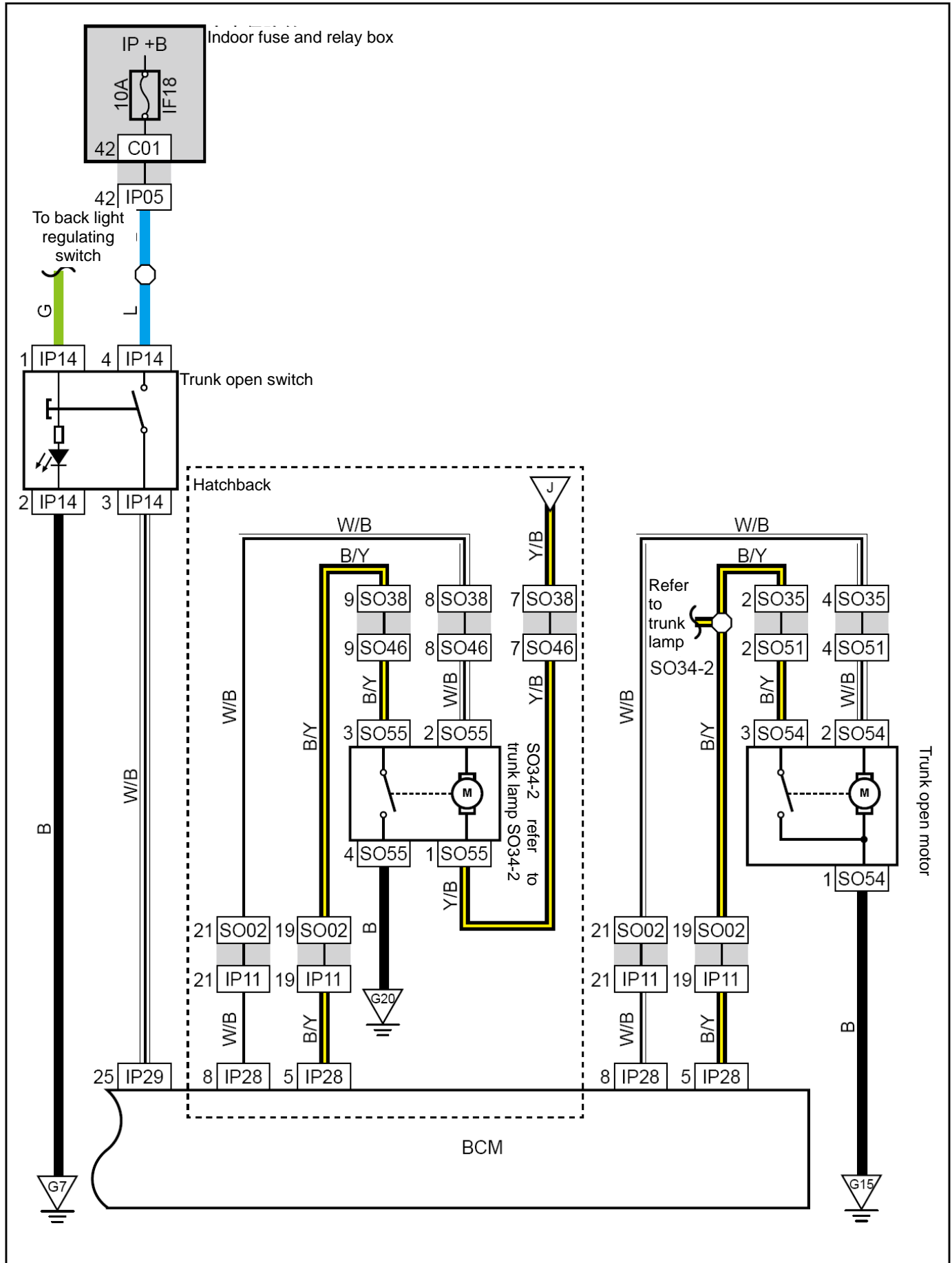
Central Controlled Lock 2



Harness connector	Name	Page
DR11	R.F. door to base plate harness connector	90
DR16	R.F. door lock harness connector	90
DR21	To base plate harness connector	94
DR26	L.R. door lock harness connector	94
DR31	To base plate harness connector	94
DR36	R.R. door lock harness connector	94
IP11	To base plate harness connector	56
IP19	Wiper combination switch harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP49	To base plate harness connector	56
SO01	To instrument harness connector	71/79
SO02	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO14	To R.R. door harness connector	71/79
SO27	To L.R. door harness connector	71/79
G11	Base plate grounding	102/103
G13	Base plate grounding	102/103

Connection point	Description	Page
H	Central controlled lock control	260
J	Central controlled lock control	260
K	Central controlled lock control	260

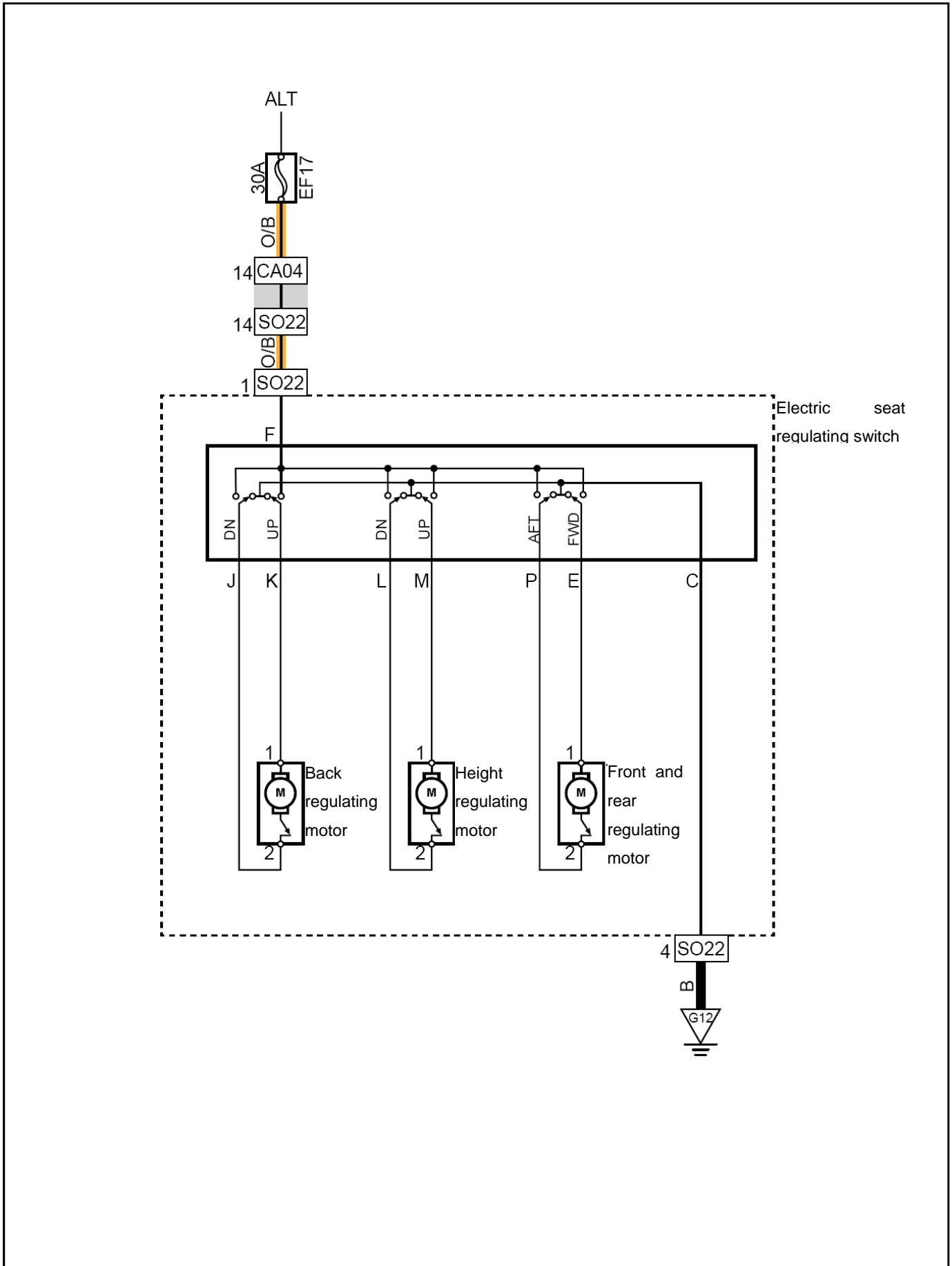
Central Controlled Lock 3 - truck (Rear Trunk)



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP11	To base plate harness connector	56
IP14	Trunk opening switch harness connector	56
IP28	Vehicle body control module 2 harness connector	56
SO02	To instrument harness connector	71/79
SO35(Sedan car)	To instrument harness connector	71
SO38(Hatchback)	To back door harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO51(Sedan car)	To base plate harness connector	71
SO54(Sedan car)	Trunk lock harness connector	71
SO55(Hatchback)	Rear trunk lock harness connector	79
C01	Indoor fuse box back connector	19
G7	Instrument panel grounding	101
G15(Sedan car)	Base plate grounding (sedan)	102
G20(Hatchback)	Back door grounding (hatchback)	104

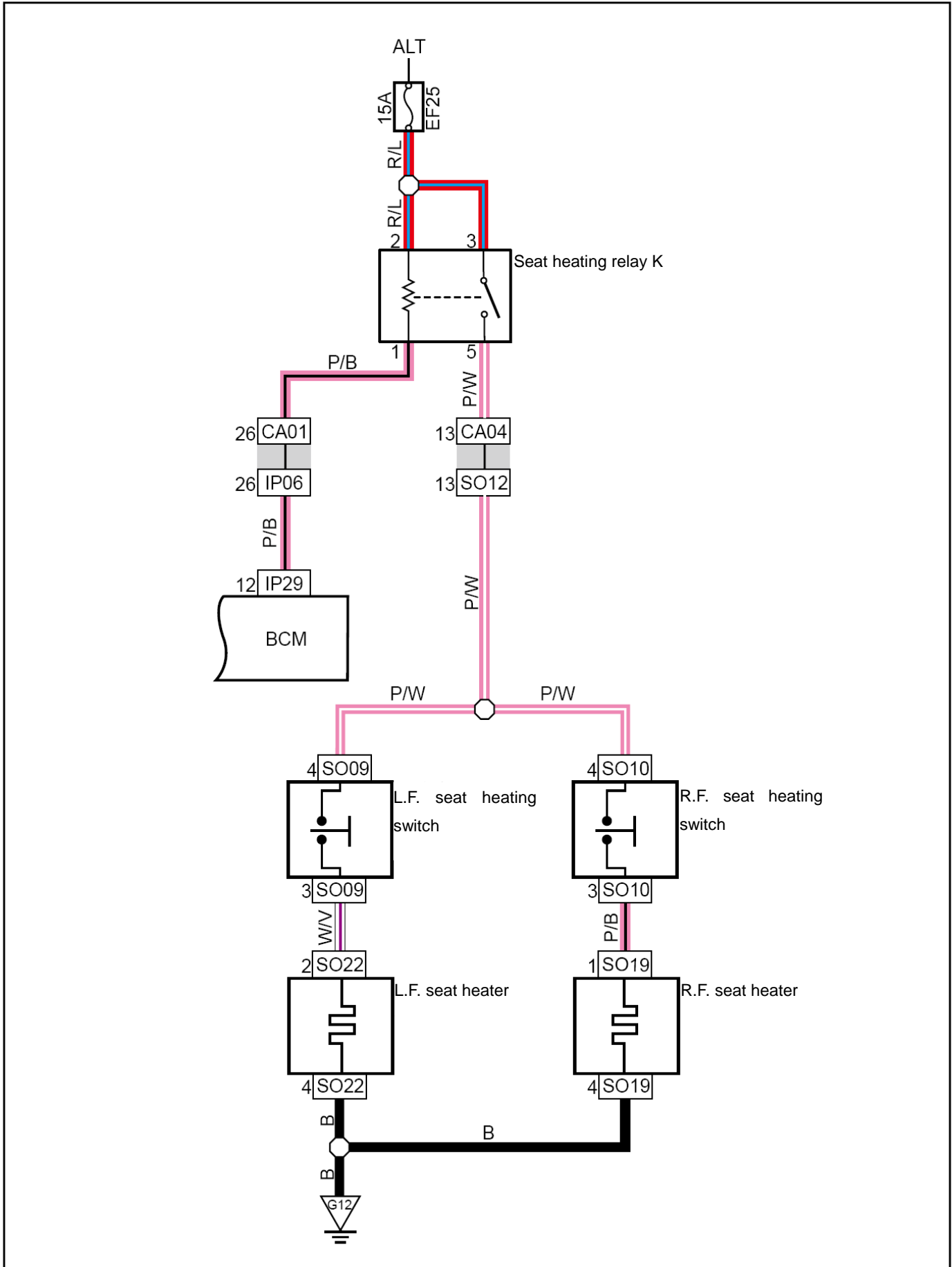
Connection point	Description	Page
IP14-1	To back light regulating switch	316
J	Central controlled lock control	260

Electric Seat Control



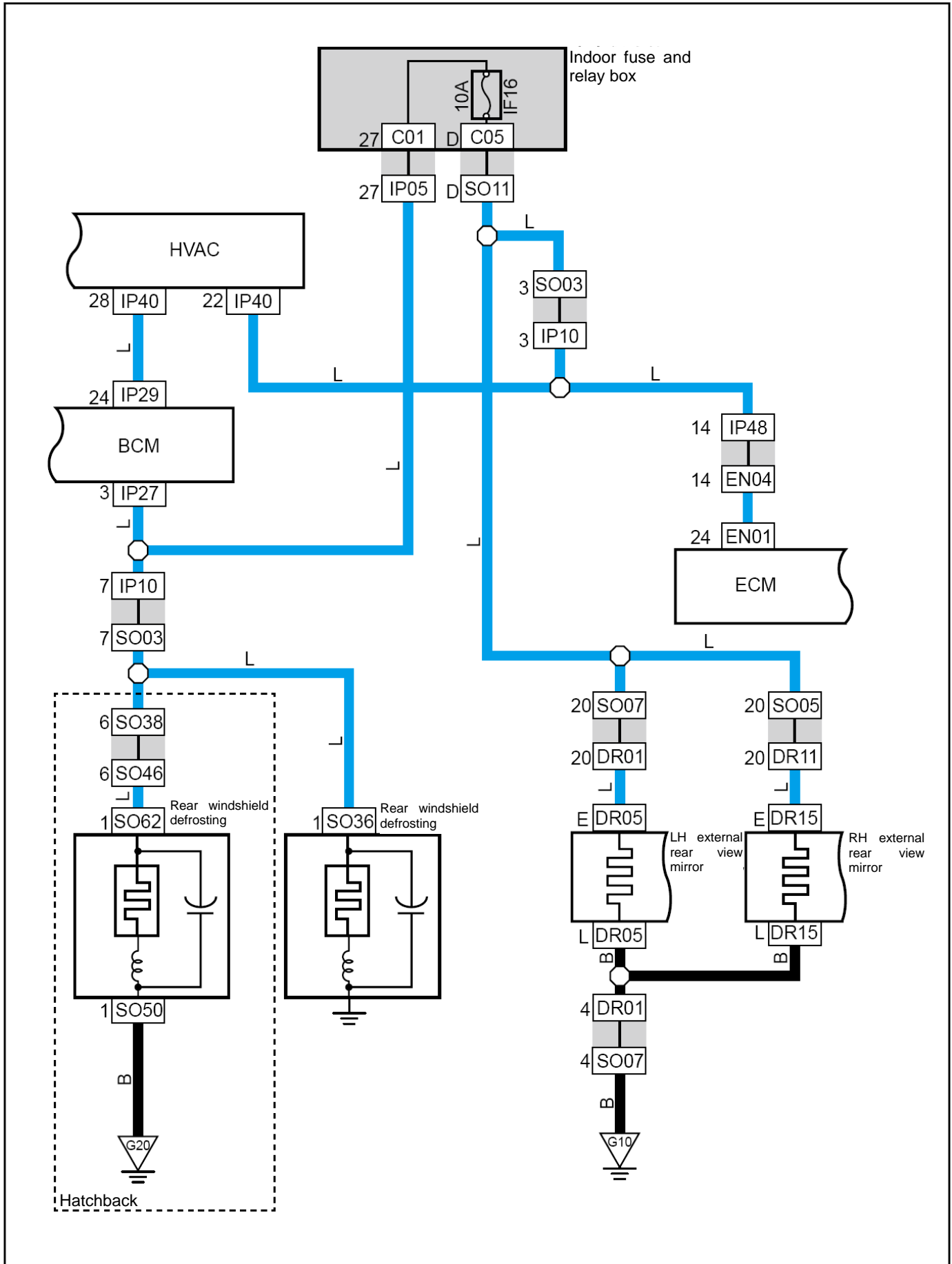
Harness connector	Name	Page
CA04	To base plate harness connector	24
DR02	L.F. glass lifting motor harness connector	90
SO12	To bonnet harness connector	71/79
G12	Base plate grounding	102/103

Seat Heating



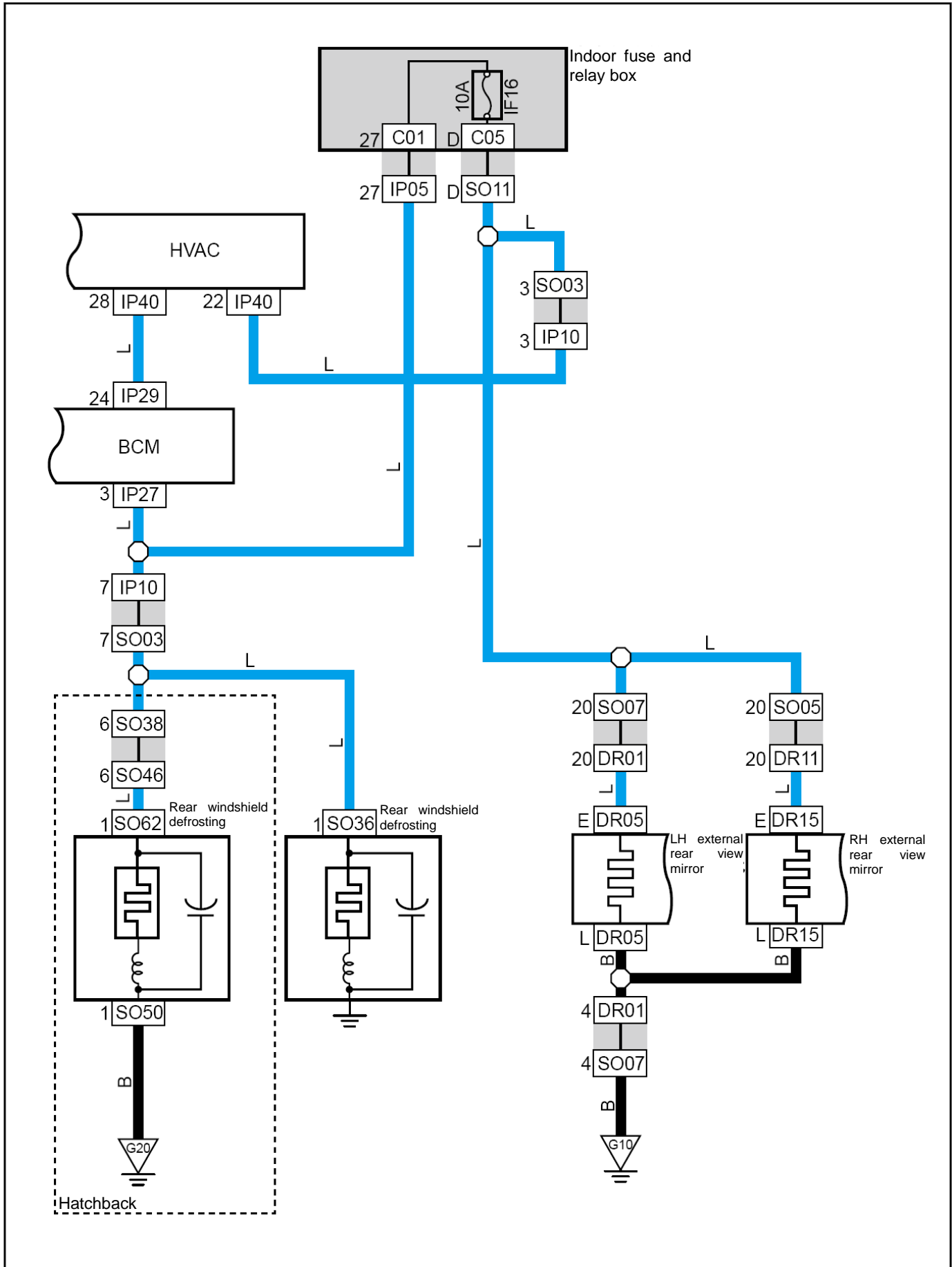
Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA04	To base plate harness connector	24
IP06	To engine compartment harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO09	L.F. seat heating switch harness connector	71/79
SO10	R.F. seat heating switch harness connector	71/79
SO12	To bonnet harness connector	71/79
SO19	R.F. seat heater harness connector	71/79
SO22	L.F. seat heater harness connector	71/79
G12	Base plate grounding	102/103

Defrosting Control



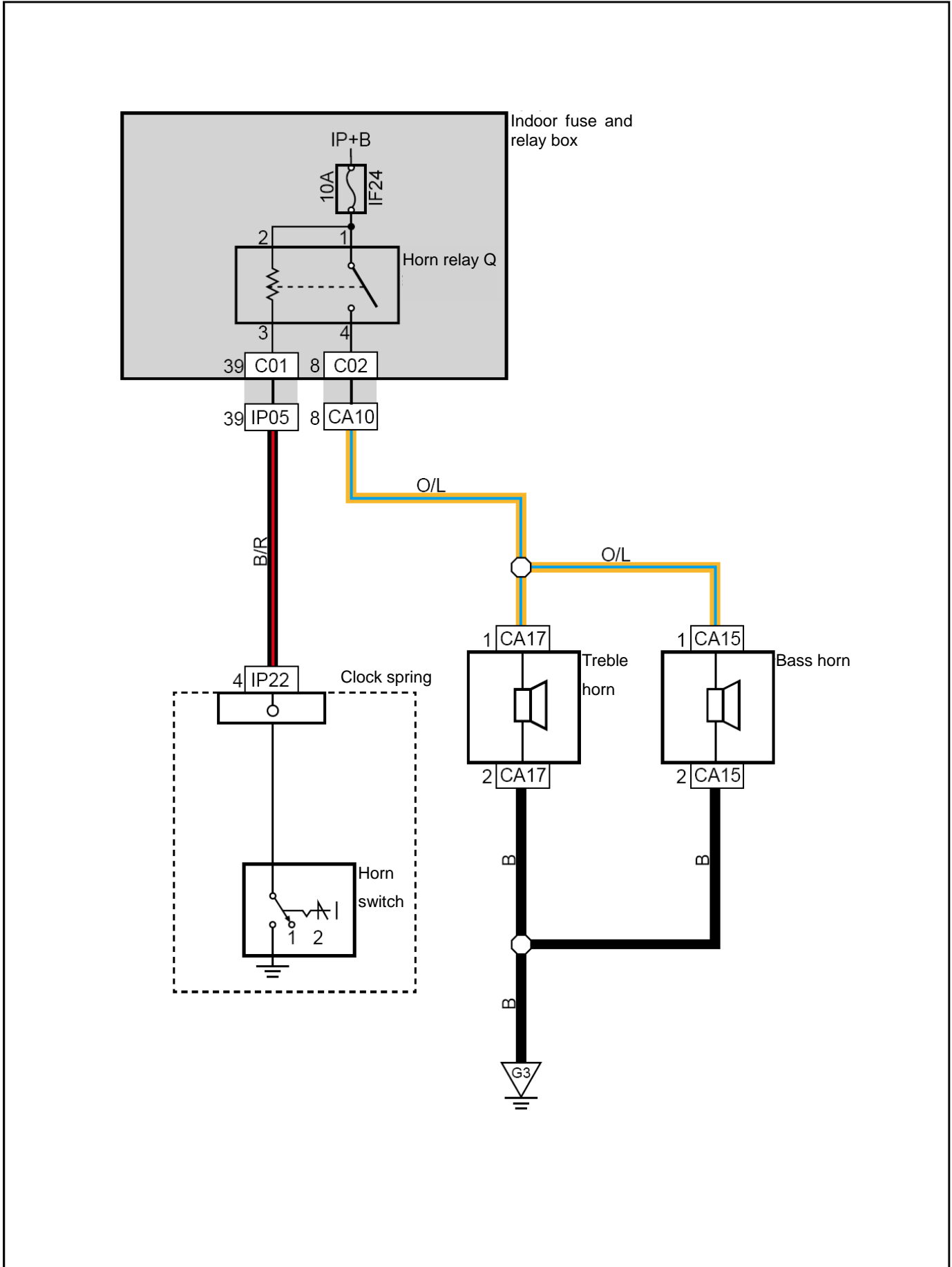
Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR05	LH external rear view mirror harness connector	90
DR11	R.F. door to base plate harness connector	90
DR15	RH external rear view mirror connector	90
EN01	Engine control module harness connector	33
EN04	To instrument harness connector	33
IP05	To indoor fuse and relay box harness connector	56
IP10	To base plate harness connector	56
IP27	Vehicle body control module 3 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP40	Air conditioner control module harness connector	56
IP48	To engine harness connector	56
SO03	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO11	To indoor fuse and relay box harness connector	71/79
SO36(Sedan car)	Rear defrosting device anode harness connector	71
SO38(Hatchback)	To back door harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO50(Hatchback)	Rear defrosting device cathode harness connector	79
SO62(Hatchback)	Rear defrosting device anode harness connector	79
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G10	Base plate grounding	102/103
G20(Hatchback)	Back door grounding (hatchback)	104

Defrosting Control (JL4G15-G)



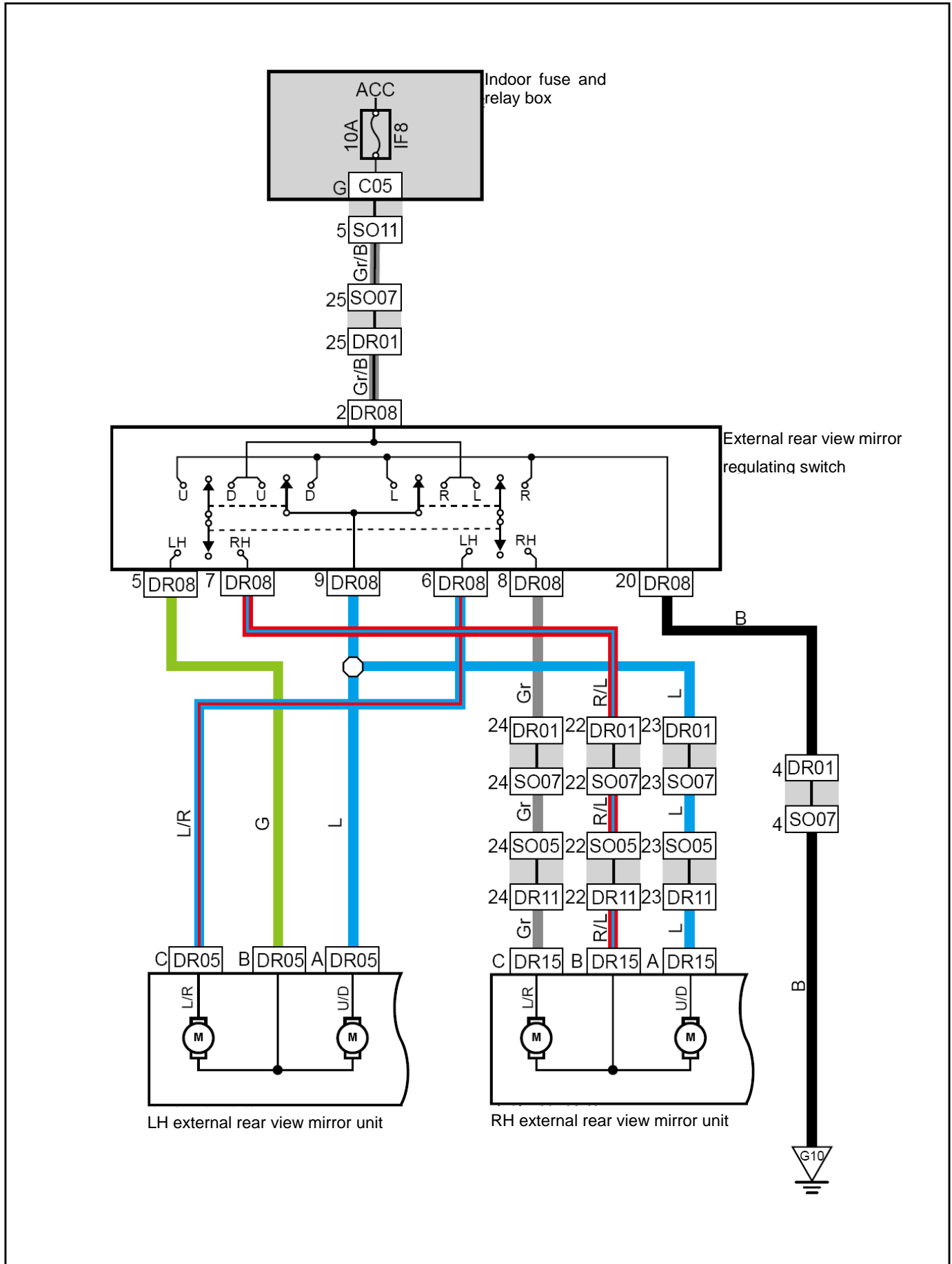
Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR05	LH external rear view mirror harness connector	90
DR11	R.F. door to base plate harness connector	90
DR15	RH external rear view mirror connector	90
IP05	To indoor fuse and relay box harness connector	56
IP10	To base plate harness connector	56
IP27	Vehicle body control module 3 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP40	Air conditioner control module harness connector	56
SO03	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO11	To indoor fuse and relay box harness connector	71/79
SO36(Sedan car)	Rear defrosting device anode harness connector	71
SO38(Hatchback)	To back door harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO50(Hatchback)	Rear defrosting device cathode harness connector	79
SO62(Hatchback)	Rear defrosting device anode harness connector	79
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G10	Base plate grounding	102/103
G20(Hatchback)	Back door grounding (hatchback)	104

Horn System



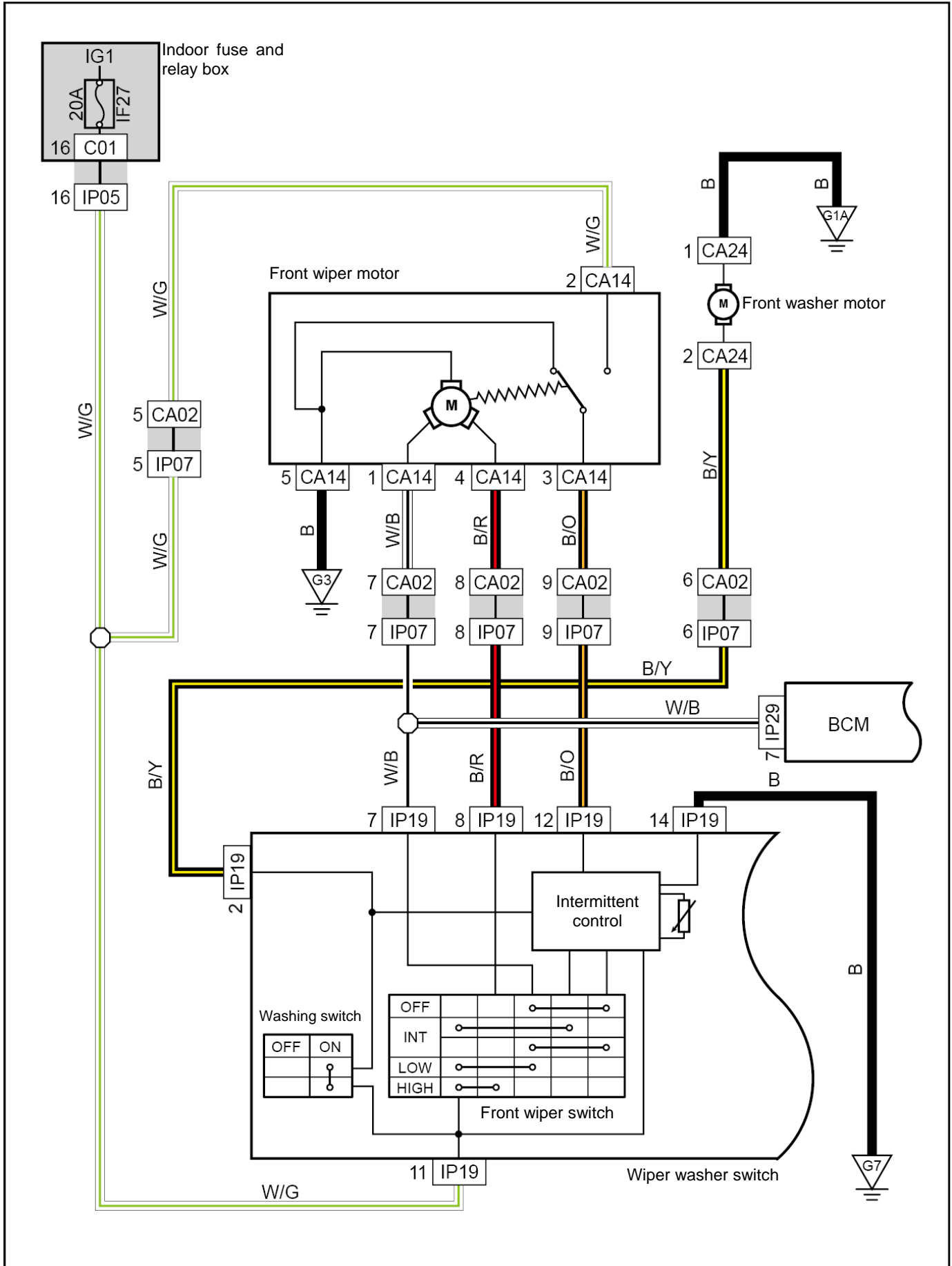
Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA15	Bass horn harness connector	25
CA17	Treble horn harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP22	Clock spring 1 (horn switch) harness connector	56
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19
G3	Engine compartment grounding	97

External Rear View Mirror



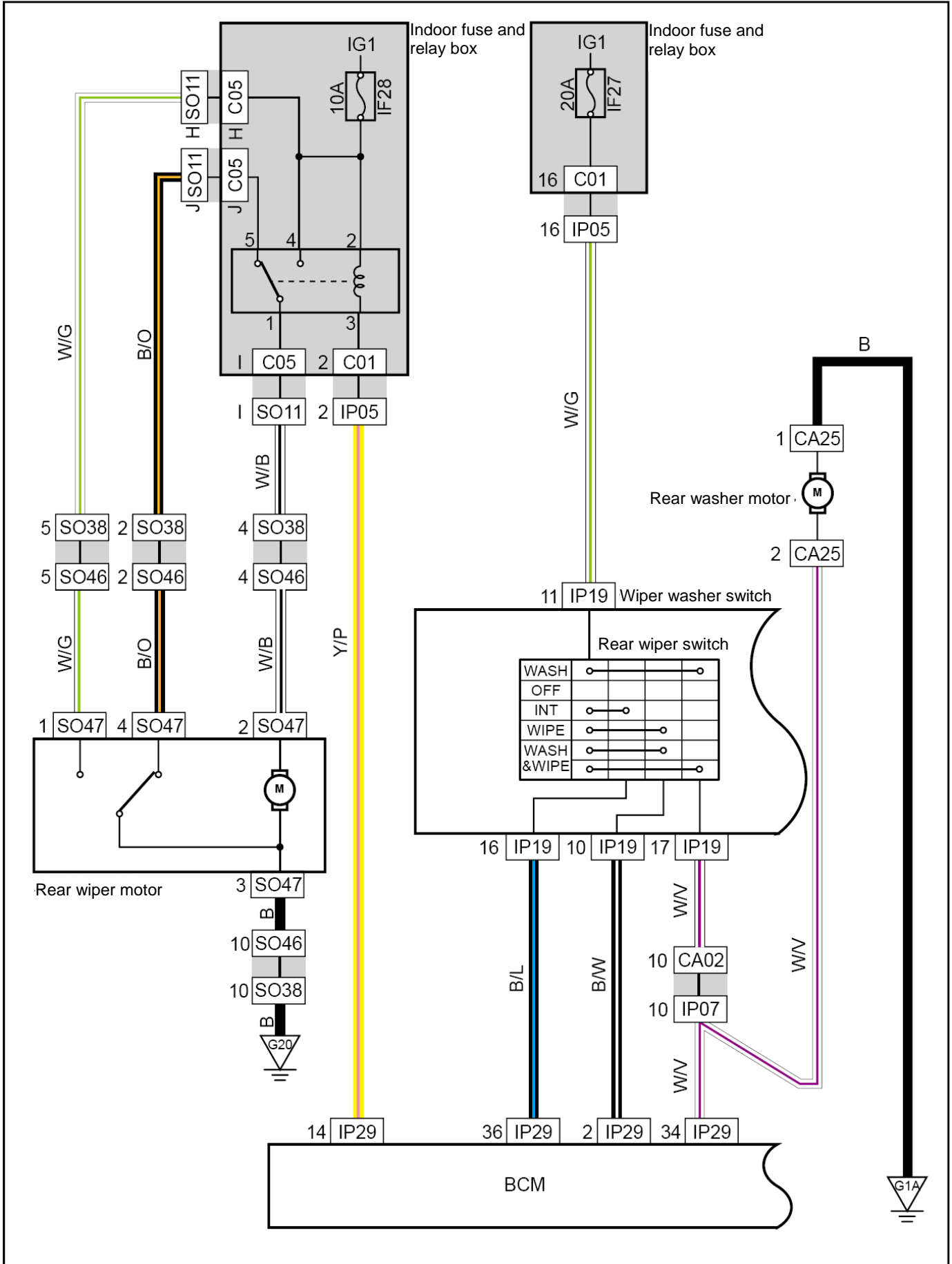
Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR05	LH external rear view mirror harness connector	90
DR08	L.F. glass lifting switch harness connector	90
DR11	R.F. door to base plate harness connector	90
DR15	RH external rear view mirror connector	90
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO11	To indoor fuse and relay box harness connector	71/79
C05	Indoor fuse box back connector	19
G10	Base plate grounding	102/103

Front Wiper Washer



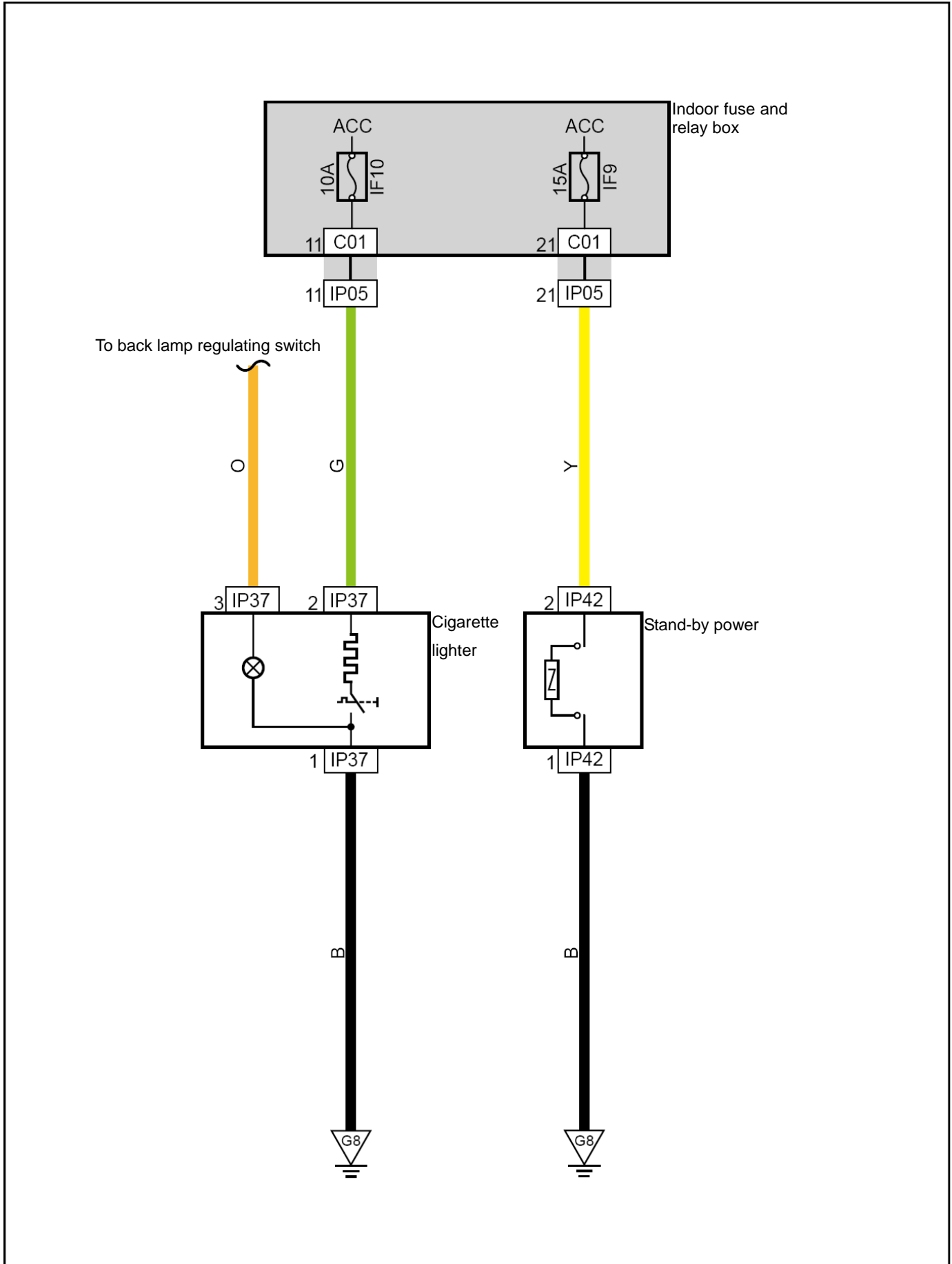
Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA14	Front wiper motor harness connector	25
CA24	Front wiper motor harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP07	To engine compartment harness connector	56
IP19	Wiper combination switch harness connector	56
C01	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G7	Instrument panel grounding	101

Rear Wiper Washer (hatchback)



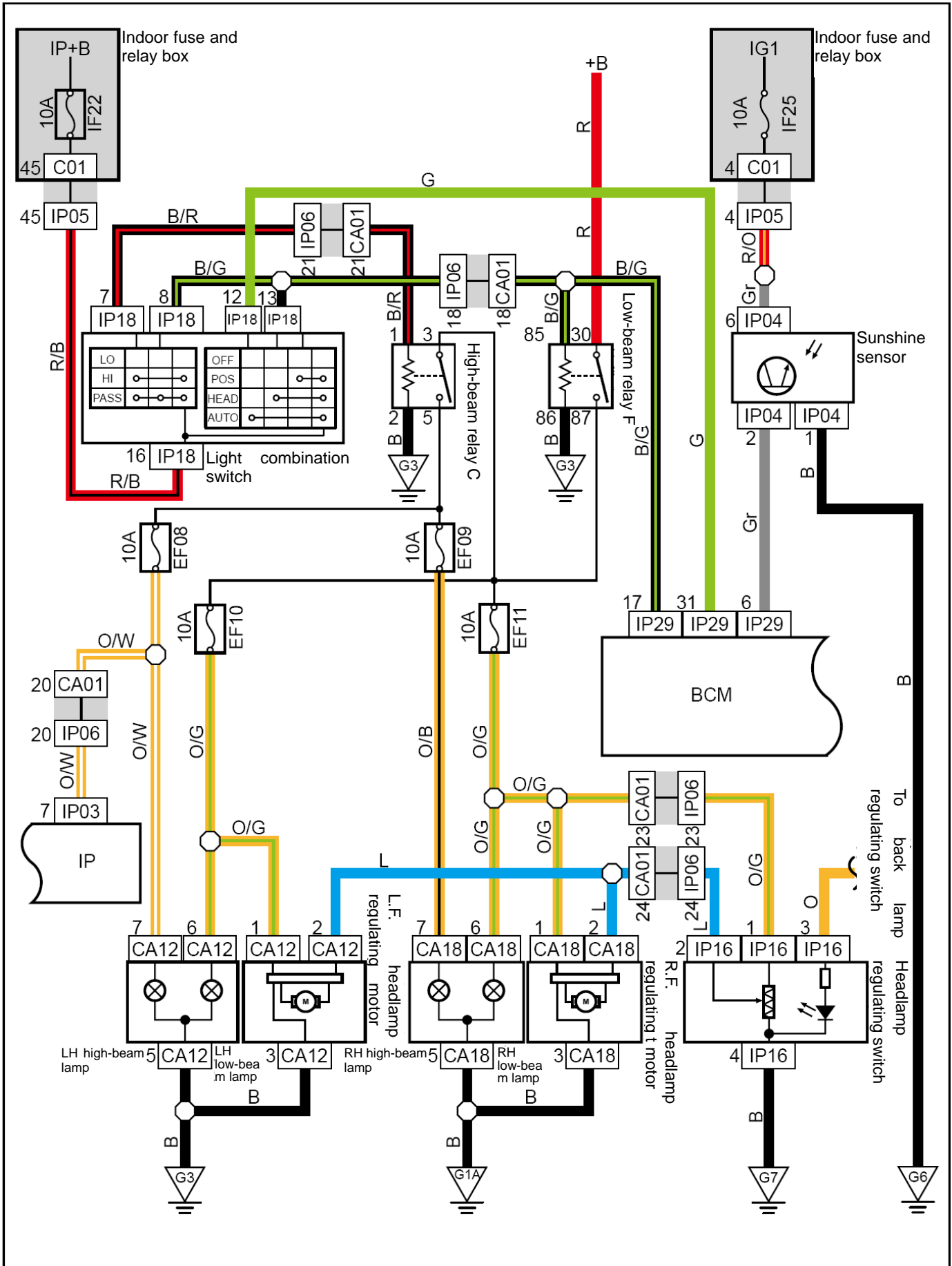
Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA25	Rear wiper motor harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP07	To engine compartment harness connector	56
IP19	Wiper combination switch harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO11(Hatchback)	To indoor fuse and relay box harness connector	79
SO38(Hatchback)	To back door harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO47(Hatchback)	Rear wiper motor harness connector	79
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G20 (Hatchback)	Back door grounding (hatchback)	104

Cigarette Lighter, Stand-by Power



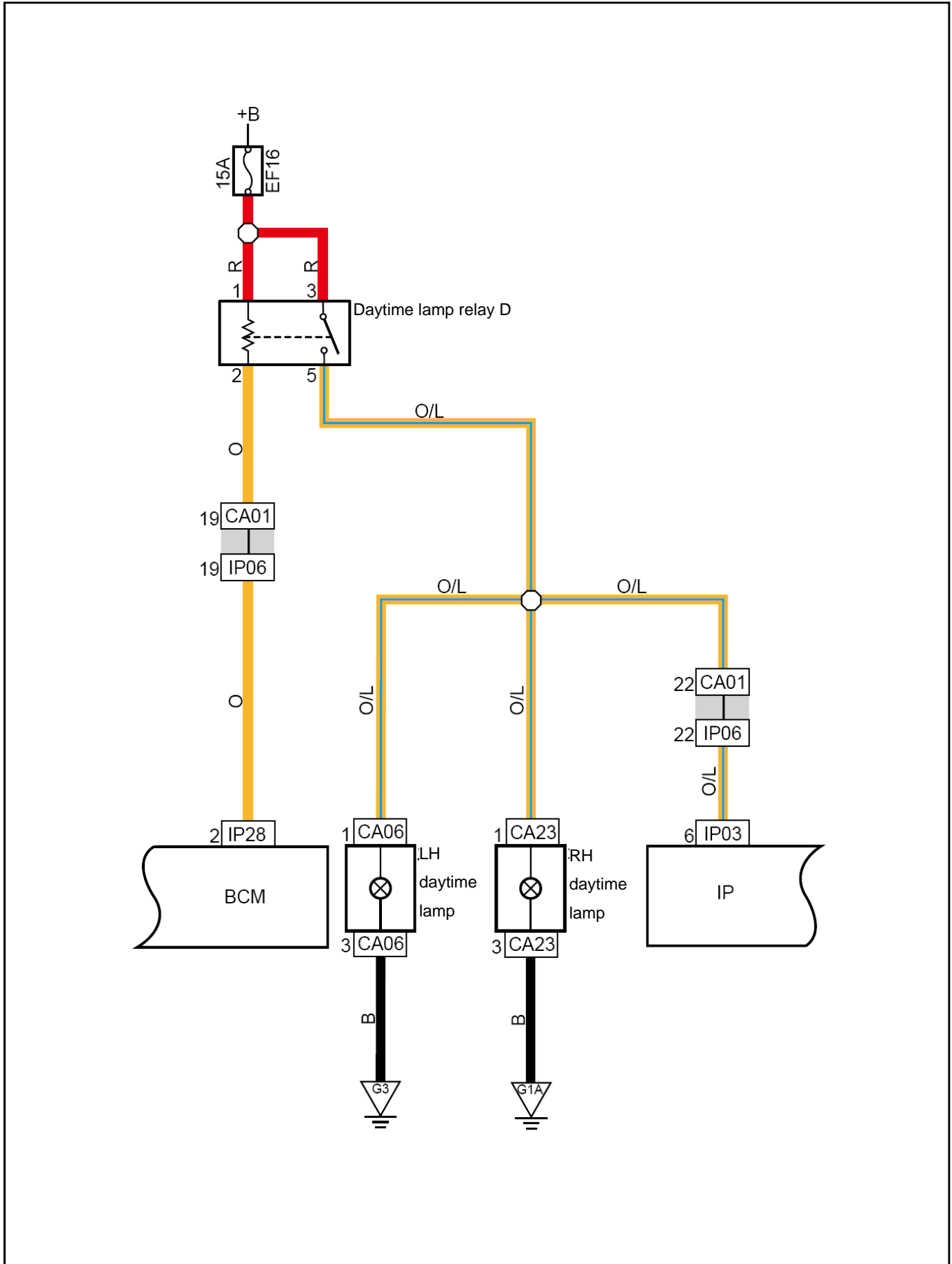
Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP32	Audio host machine 2 harness connector	56
IP42	Reserved power supply harness connector	56
C01	Indoor fuse box back connector	19
G8	Instrument panel grounding	101

Headlamp System



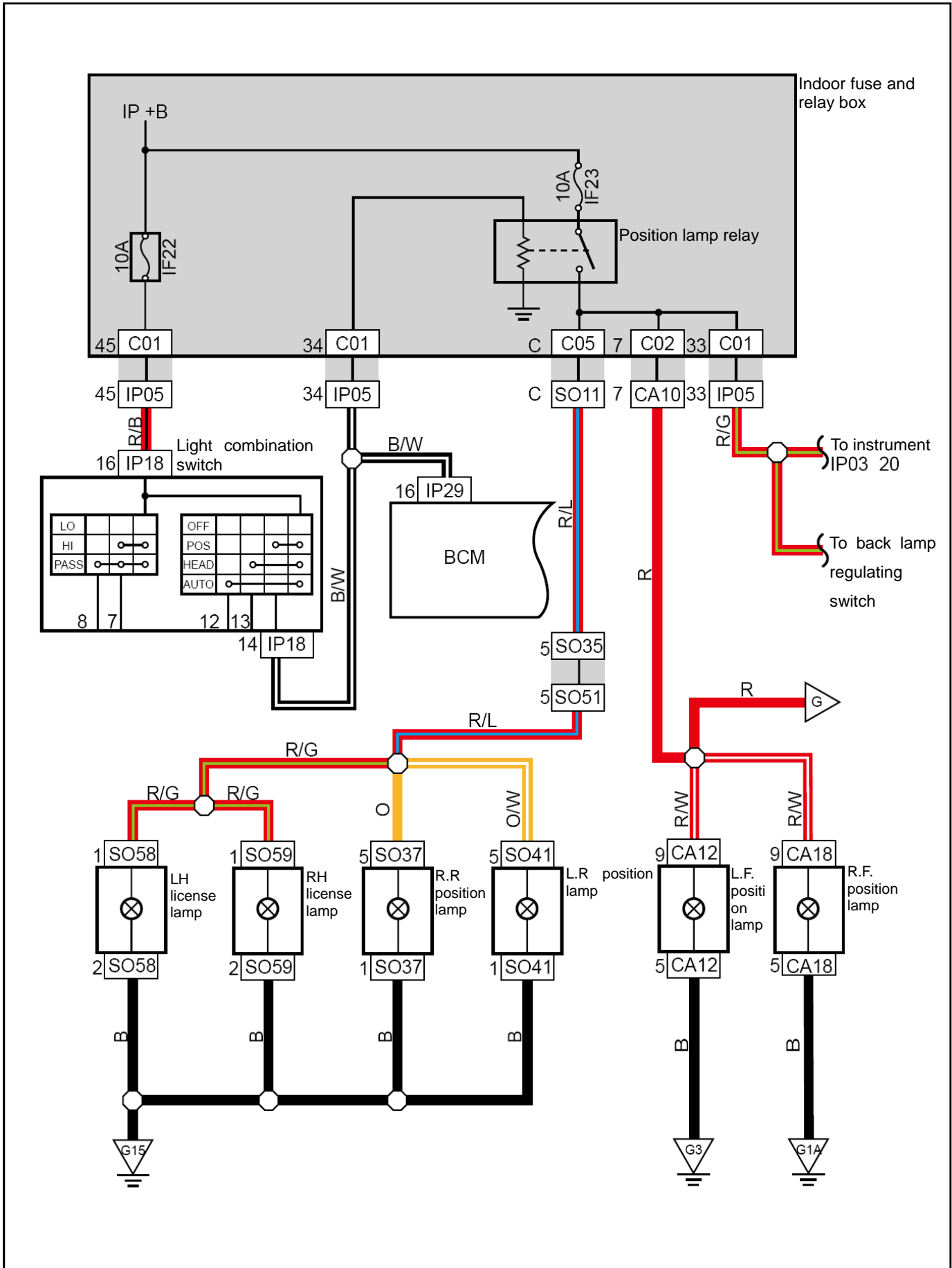
Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA12	L.F. combination headlamp harness connector	25
CA18	R.F. combination headlamp harness connector	25
IP03	Instrument cluster harness connector	56
IP04	Sunshine sensor harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP16	Headlamp regulating switch harness connector	56
IP18	Light combination switch harness connector	56
IP29	Vehicle body control module 1 harness connector	56
C01	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G6	Instrument panel grounding	101
G7	Instrument panel grounding	101

Daytime Lamp



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA06	LH daytime lamp / L.F. fog lamp harness connector	25
CA23	RH daytime lamp / R.F. fog lamp harness connector	25
IP03	Instrument cluster harness connector	56
IP06	To engine compartment harness connector	56
IP28	Vehicle body control module 2 harness connector	56
C01	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G6	Instrument panel grounding	101
G7	Instrument panel grounding	101

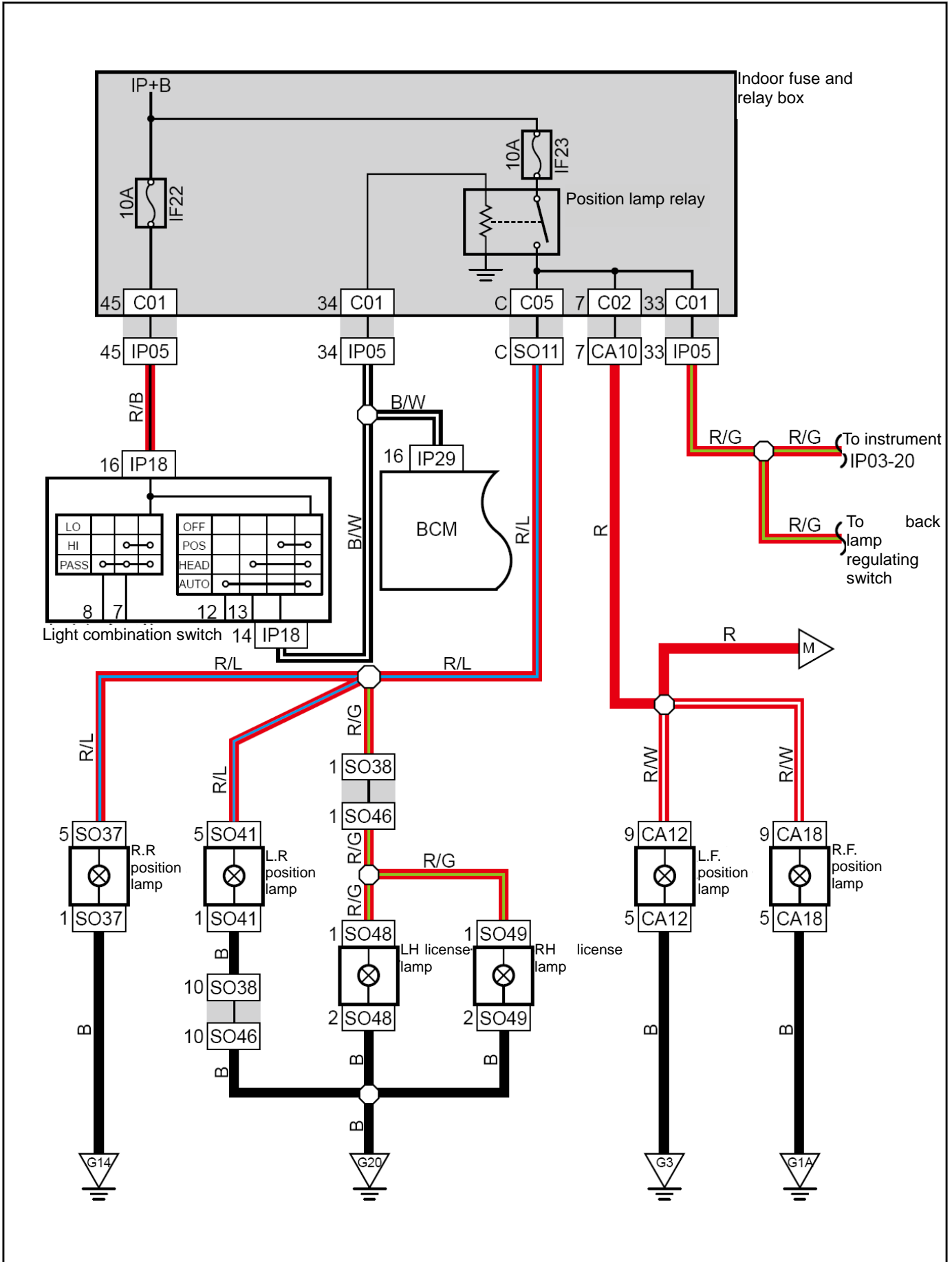
Position Lamp (Sedan)



Harness connector	Name	Page
CA12(Sedan)	L.F. combination headlamp harness connector	25
CA18(Sedan)	R.F. combination headlamp harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP18	Light combination switch harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO11	To indoor fuse and relay box harness connector	71/79
SO35	To trunk harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
SO41	L.R. combination tail lamp harness connector	71/79
SO58(Sedan)	LH license lamp harness connector	71
SO59(Sedan)	RH license lamp harness connector	71
SO51(Sedan)	To base plate harness connector	71
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G15	Base plate grounding	102/103

Connection point	Description	Page
IP05-33	To backlight regulating switch	283
IP05-33	To instrument IP03-20	291
G	Position lamp	263

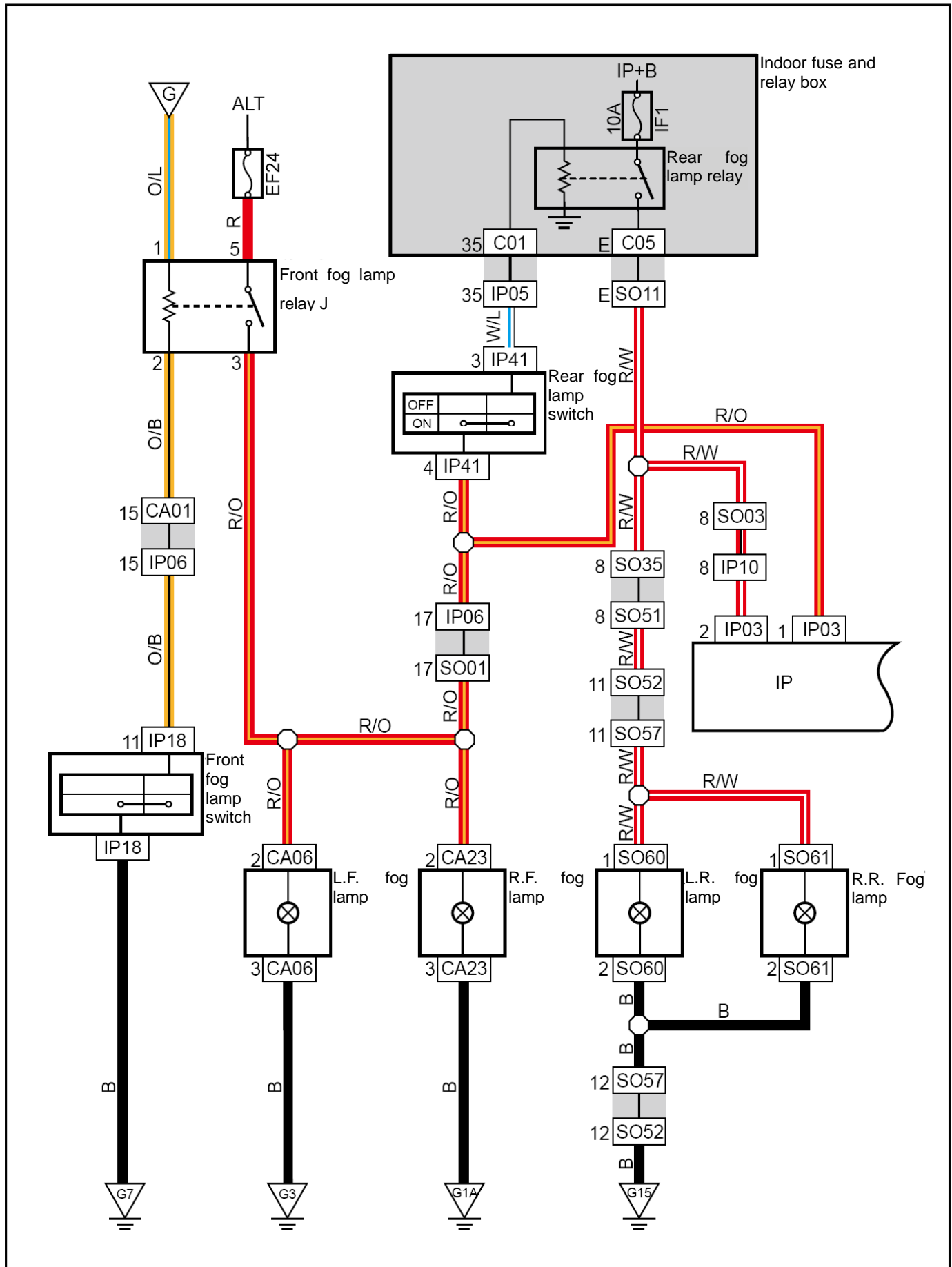
Position Lamp (hatchback)



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA12(Hatchback)	L.F. combination headlamp harness connector	25
CA18(Hatchback)	R.F. combination headlamp harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP18	Light combination switch harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO11	To indoor fuse and relay box harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
SO38(Hatchback)	To back door harness connector	79
SO41(Hatchback)	L.R. combination tail lamp harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO48(Hatchback)	LH license lamp harness connector	79
SO49(Hatchback)	RH license lamp harness connector	79
C01	Indoor fuse box back connector	19
C02	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G14	Base plate grounding (hatchback)	103
G20	Back door grounding (hatchback)	104

Connection point	Description	Page
IP05-33	To backlight regulating switch	316
IP05-33	To instrument IP03-20	326
M	Position lamp	294

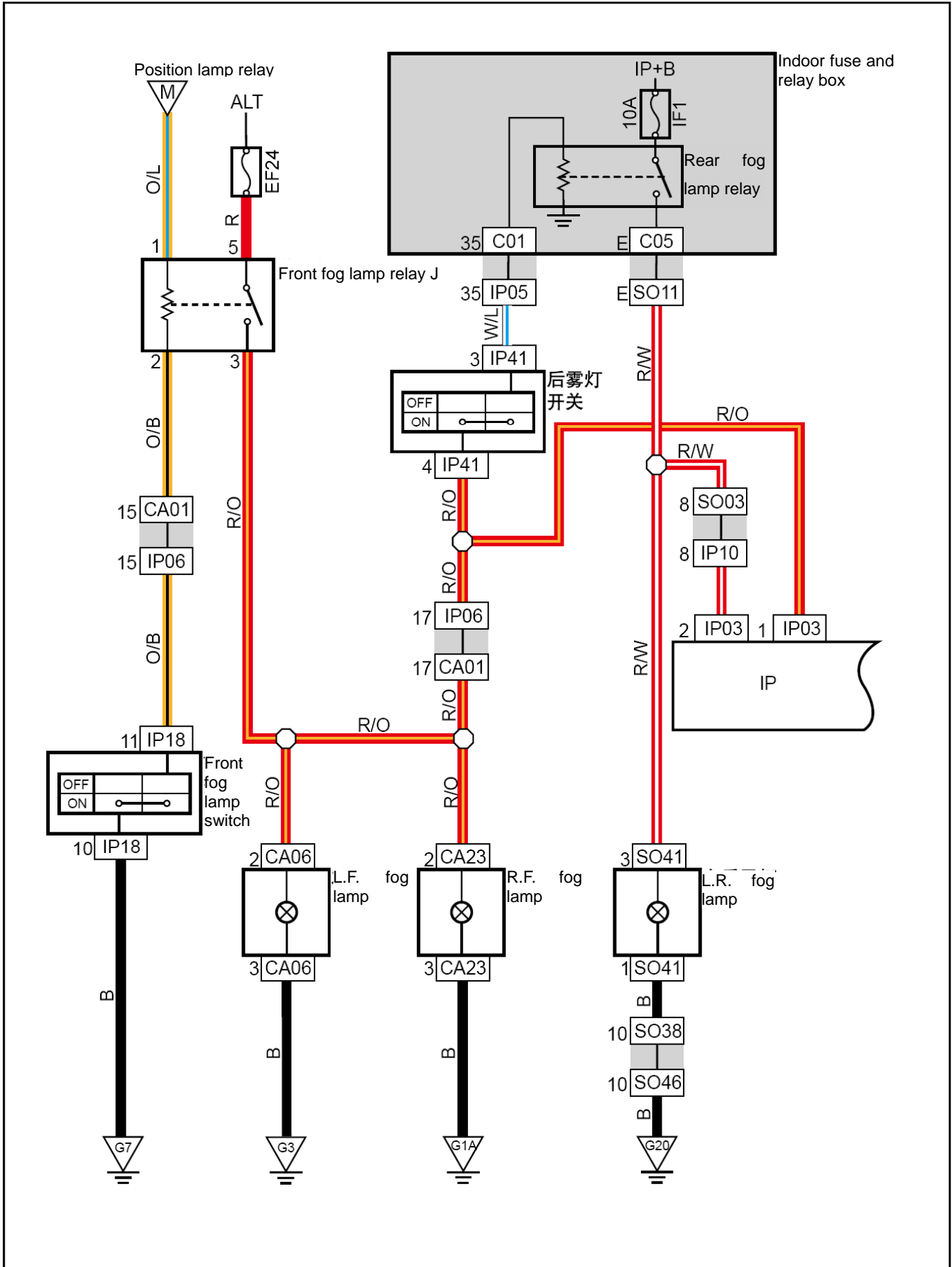
Fog Lamp (Sedan)



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
IP03	Instrument cluster harness connector	56
IP06	To engine compartment harness connector	56
IP10	To base plate harness connector	56
IP18	Light combination switch harness connector	56
IP41	Rear fog lamp switch	56
SO01(Sedan)	To instrument harness connector	71
SO03(Sedan)	To instrument harness connector	71
SO35(Sedan)	To trunk harness connector	71
SO51(Sedan)	To base plate harness connector	71
SO52(Sedan)	To base plate harness connector	71
SO57(Sedan)	To trunk harness connector	71
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G7	Instrument panel grounding	101
G15(Sedan)	Base plate grounding	102

Connection point	Description	Page
G	Position lamp power supply	288

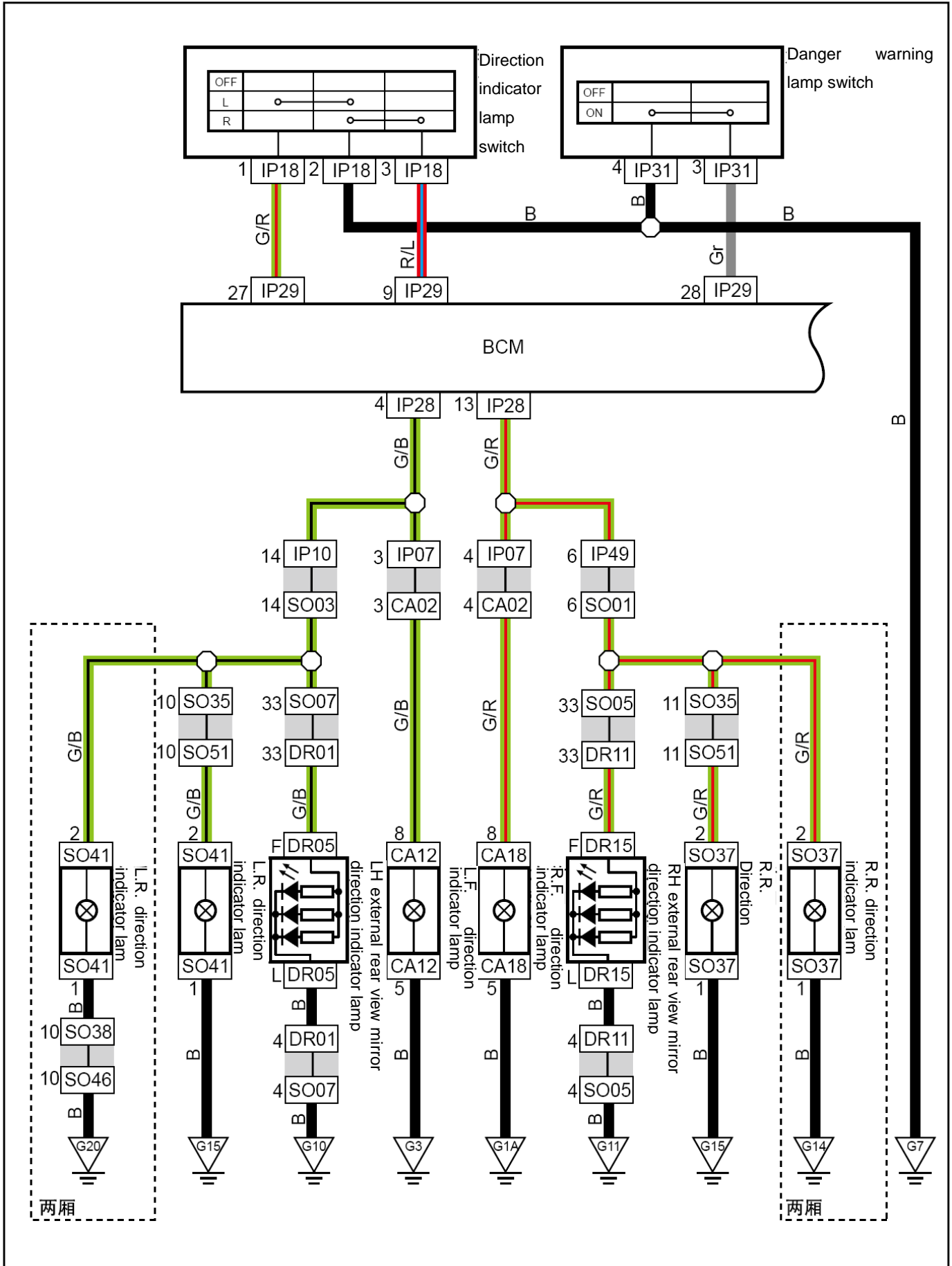
Fog Lamp (hatchback)



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
IP03	Instrument cluster harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP10	To base plate harness connector	56
IP18	Light combination switch harness connector	56
IP41	Rear fog lamp switch	56
SO03 (Hatchback)	To instrument harness connector	79
SO11 (Hatchback)	To indoor fuse and relay box harness connector	79
SO38 (Hatchback)	To back door harness connector	79
SO41 (Hatchback)	L.R. combination tail lamp harness connector	79
SO46 (Hatchback)	To base plate harness connector	79
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G1A	Engine compartment grounding	97/99
G3	Engine compartment grounding	97/99
G7	Instrument panel grounding	101
G20(Hatchback)	Back door grounding	104

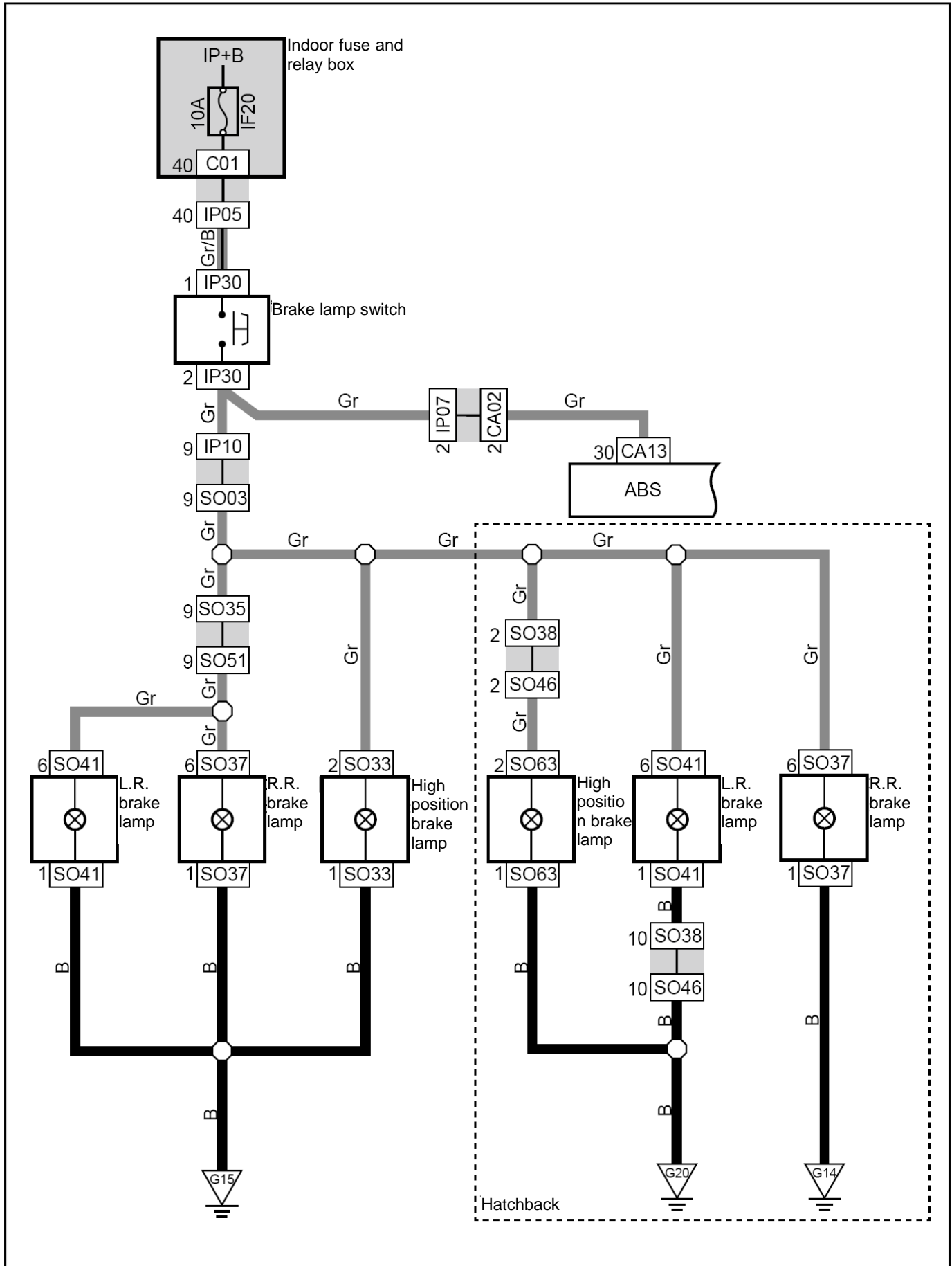
Connection point	Description	Page
M	Position lamp power supply	290

Direction Indicator Lamp and Danger Warning lamp



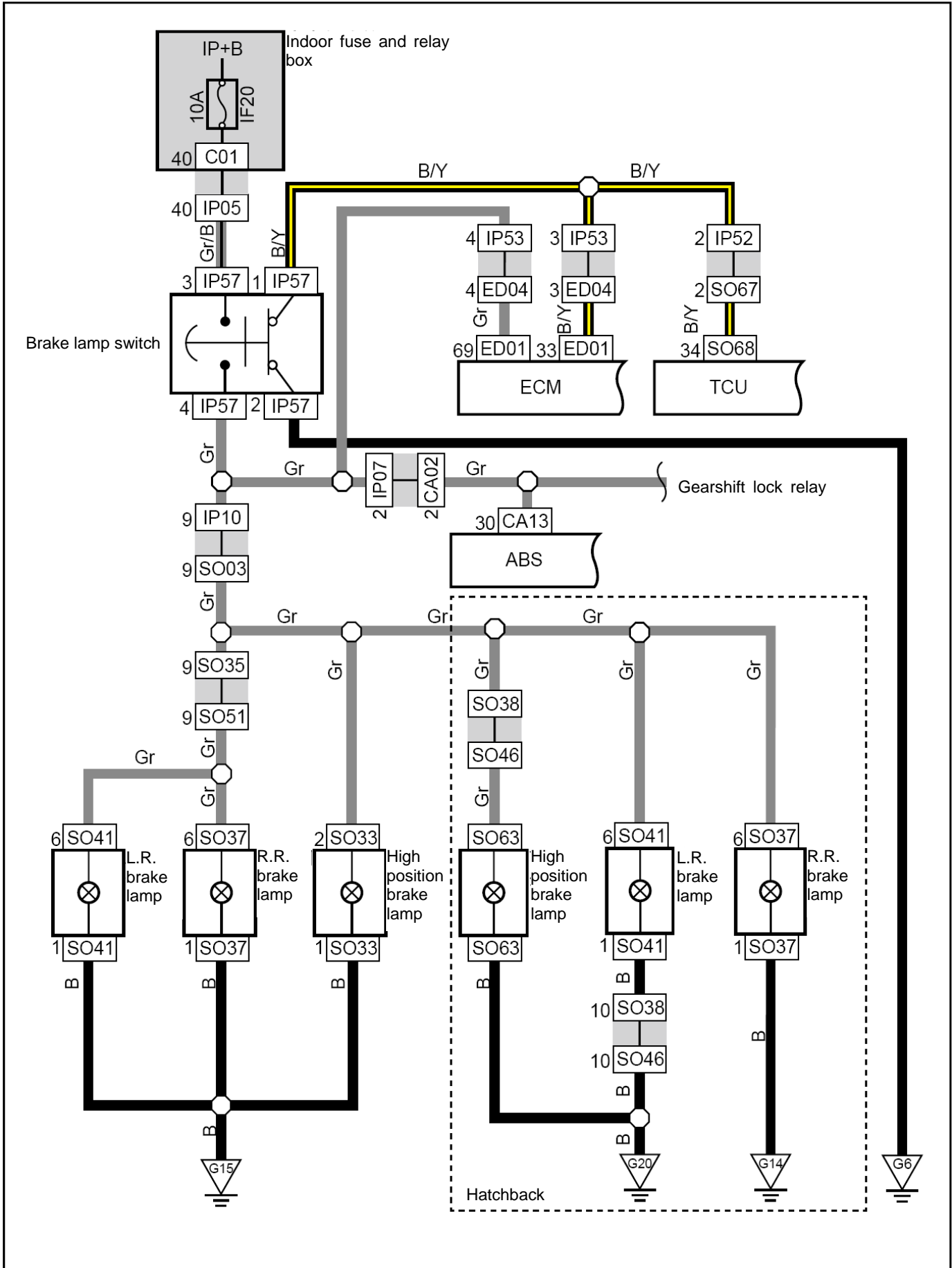
Harness connector	Name	Page
CA12	To instrument harness 2 harness connector	25
CA18	L.F. combination headlamp harness connector	25
DR01	R.F. combination headlamp harness connector	90
DR05	LH external rear view mirror harness connector	90
DR11	R.F. door to base plate harness connector	90
DR15	RH external rear view mirror connector	90
IP07	To engine compartment harness connector	56
IP10	To base plate harness connector	56
IP18	Light combination switch harness connector	56
IP28	Vehicle body control module 2 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP31	Danger alarm lamp switch harness connector	56
IP49	To base plate harness connector	56
SO01	To instrument harness connector	71/79
SO03	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO35(Sedan	To trunk harness connector	71
SO37	R.R. combination tail lamp harness connector	79
SO38(Hatchback)	To back door harness connector	79
SO41	L.R. combination tail lamp harness connector	71/79
SO46(Hatchback)	To base plate harness connector	79
SO51(Sedan)	To base plate harness connector	71
G1A	Engine compartment grounding	102/104
G3	Engine compartment grounding	102/104
G7	Instrument panel grounding	106
G10(Sedan car)	Base plate grounding	107
G11(Sedan car)	Base plate grounding	107
G14(Hatchback)	Instrument panel grounding	108
G15(Hatchback)	Base plate grounding	108
G20(Hatchback)	Back door grounding	109

Brake Lamp



Harness connector	Name	Page
CA02	To instrument harness 2 harness connector	24
CA13	ABS control module harness connector	25
IP05	To indoor fuse and relay box harness connector	56
IP07	To engine compartment harness connector	56
IP10	To base plate harness connector	56
IP30	Brake lamp switch harness connector	56
SO33(Sedan)	High position brake lamp harness connector	71
SO35(Sedan)	To trunk harness connector	71
SO37	R.R. combination tail lamp harness connector	71/79
SO38(Hatchback)	To back door harness connector	79
SO41	L.R. combination tail lamp harness connector	71/79
SO46(Hatchback)	To base plate harness connector	79
SO51(Sedan)	To base plate harness connector	71
SO63(Hatchback)	High position brake lamp harness connector	79
C01	Indoor fuse box back connector	19
G14(Hatchback)	Instrument panel grounding	103
G15(Hatchback)	Base plate grounding	103
G20(Hatchback)	Back door grounding	104

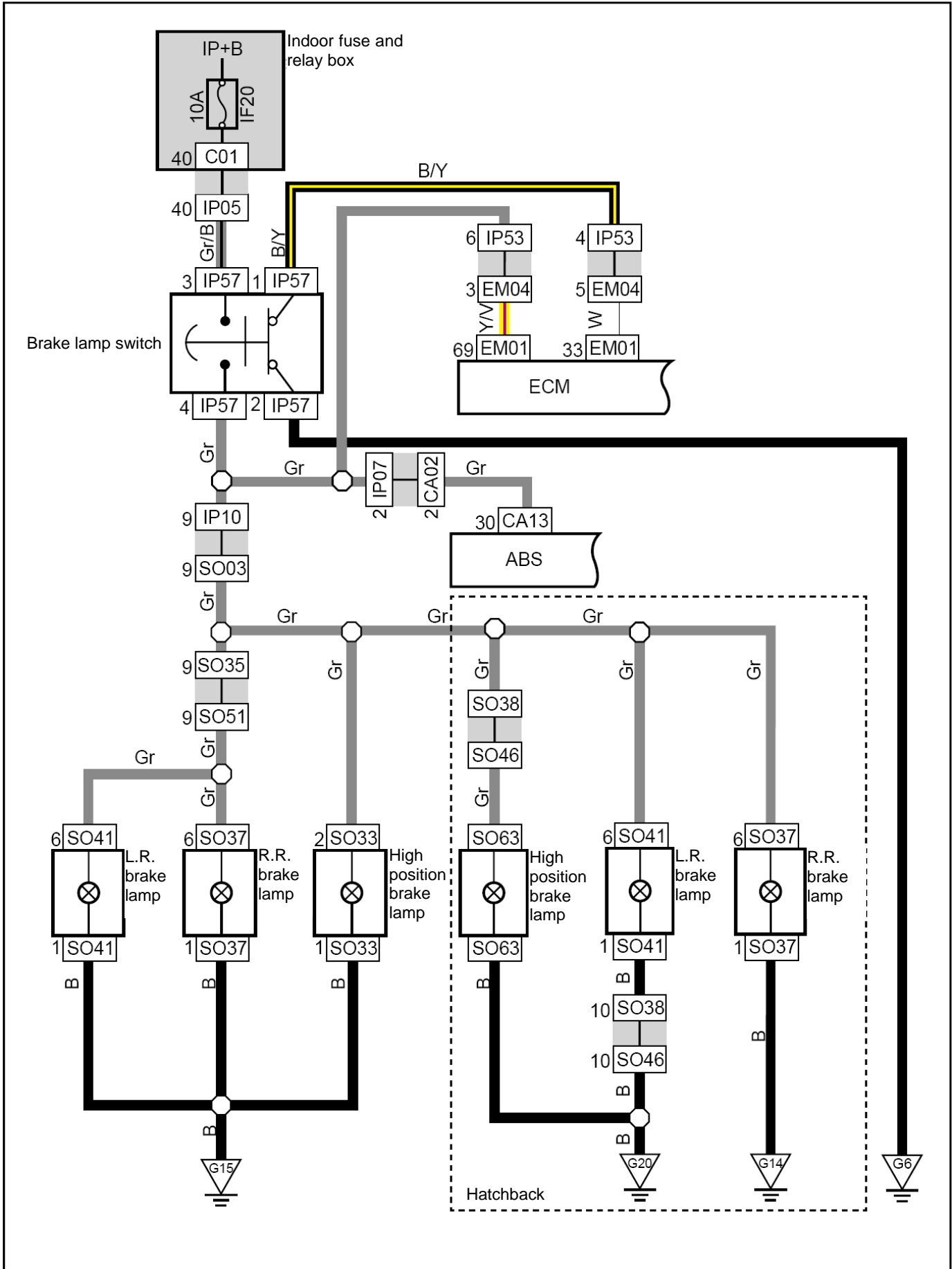
Brake Lamp (CVT)



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP57	Brake lamp switch harness connector	65
IP53	To engine harness (2) harness connector	65
ED04	To instrument harness (2) harness connector	45
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
SO65	To gearshifter harness connector	84/87
IP07	To engine compartment harness, harness connector	56
CA02	To instrument harness 2 harness connector	24
CA13	ABS module harness connector	24
IP10	To base plate harness, harness connector	56
SO03	To instrument harness, harness connector	71/79
SO35	To luggage compartment harness, harness connector	71/79
SO51	To base plate harness, harness connector	71/79
SO41	L.R. combination tail lamp harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
SO33	High position brake lamp harness connector	71/79
SO38	To back door harness, harness connector	71/79
SO46	To base plate harness, harness connector	71/79
SO68	Automatic transmission controller harness connector	84/87
SO41	L.R. combination tail lamp harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
G6	Instrument panel grounding	101
G14	Base plate grounding	102/103
G15	Base plate grounding	102/103
G20	Base plate grounding	104

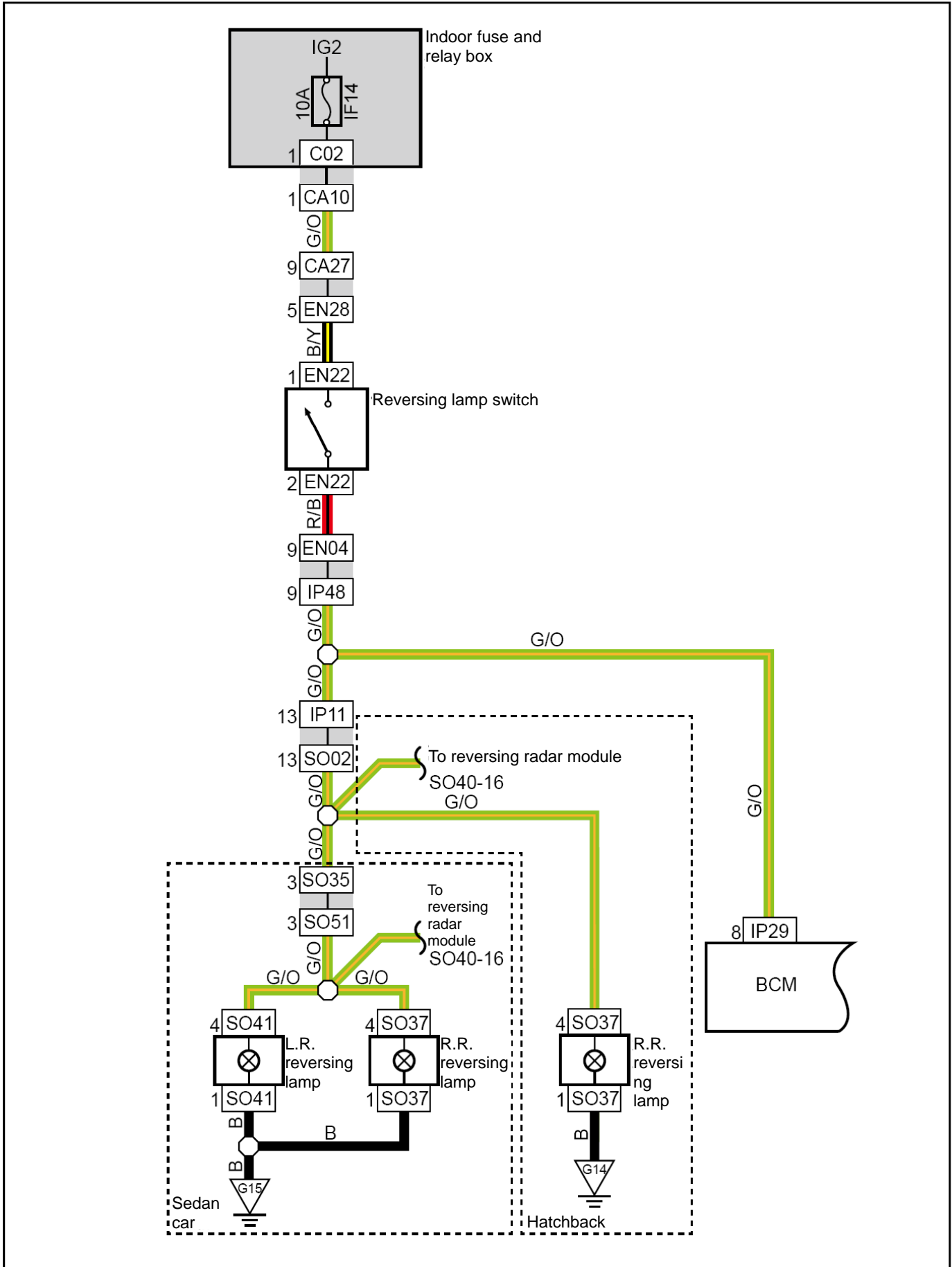
Connection point	Description	Page
IP57-4	Gearshift lock relay N	200

Brake Lamp (JL4G15-N)



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP57	Brake lamp switch harness connector	65
IP53	To engine harness (2) harness connector	65
EM01	ECM harness connector	51
EM04	To instrument harness, harness connector	51
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
SO65	To gearshifter harness connector	84/87
IP07	To engine compartment harness, harness connector	56
CA02	To instrument harness 2 harness connector	24
CA13	ABS module harness connector	24
IP10	To base plate harness, harness connector	56
SO03	To instrument harness, harness connector	71/79
SO35	To luggage compartment harness, harness connector	71/79
SO51	To base plate harness, harness connector	71/79
SO41	L.R. combination tail lamp harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
SO33	High position brake lamp harness connector	71/79
SO38	To back door harness, harness connector	71/79
SO46	To base plate harness, harness connector	71/79
SO68	Automatic transmission controller harness connector	84/87
SO41	L.R. combination tail lamp harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
G6	Instrument panel grounding	101
G14	Base plate grounding	102/103
G15	Base plate grounding	102/103
G20	Base plate grounding	104

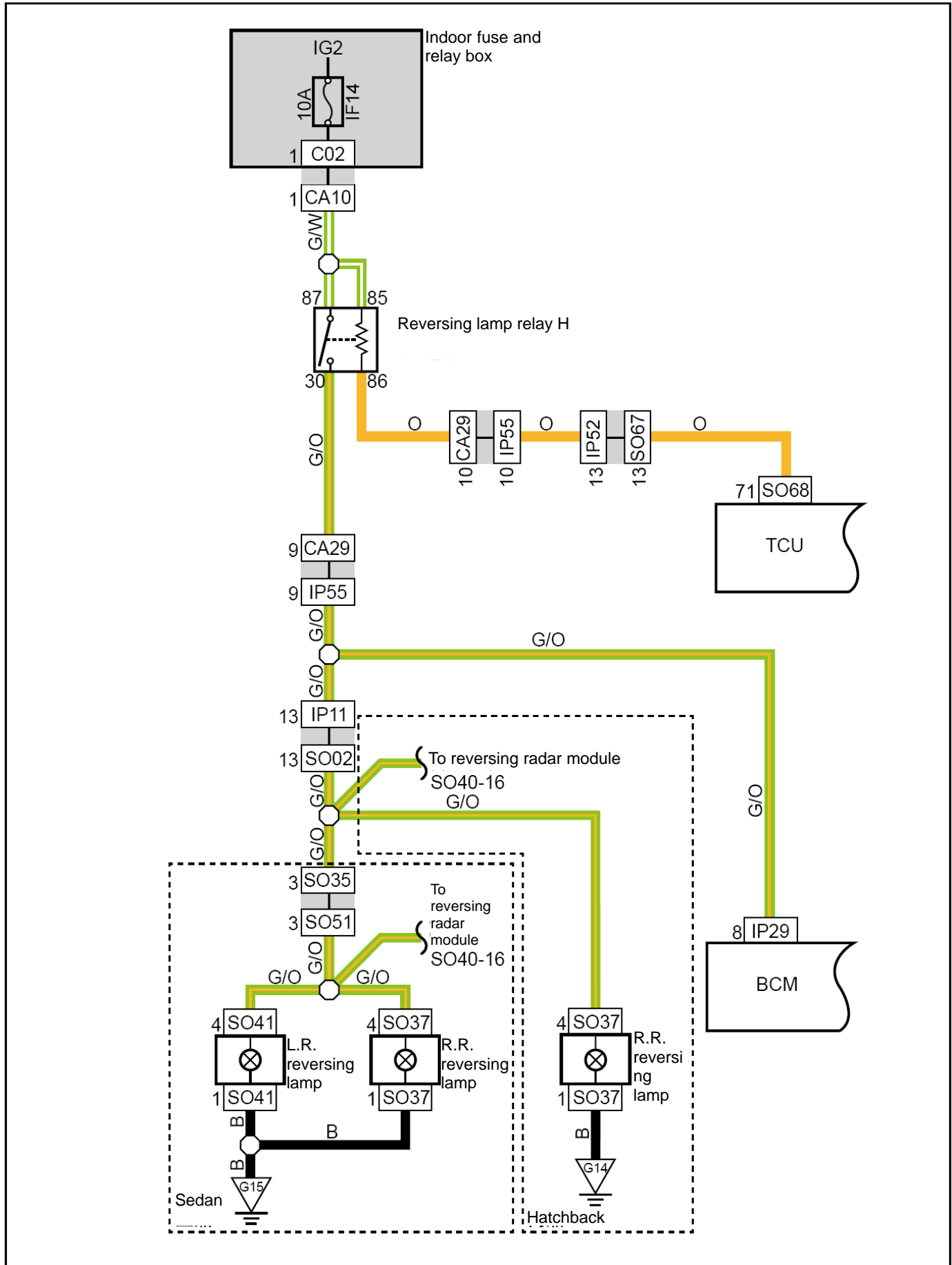
Reversing Lamp



Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA27	To engine harness connector	25
EN04	To instrument harness connector	33
EN22	Reverse gear switch harness connector	34
EN28	To bonnet distribution box harness connector	34
IP11	To base plate harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP48	To engine harness connector	56
SO02	To instrument harness connector	71/79
SO35(Sedan)	To trunk harness connector	71
SO37	R.R. combination tail lamp harness connector	71/79
SO41(Sedan)	L.R. combination tail lamp harness connector	71
SO51(Sedan)	To base plate harness connector	71
C02	Indoor fuse box back connector	19
G14 (Hatchback)	Base plate grounding	103
G15(Sedan)	Base plate grounding	102

Connection point	Description	Page
SO35-3(Sedan)	To reversing radar control module SO40-16	240
SO02-13(Hatchback)	To reversing radar control module SO40-16	244

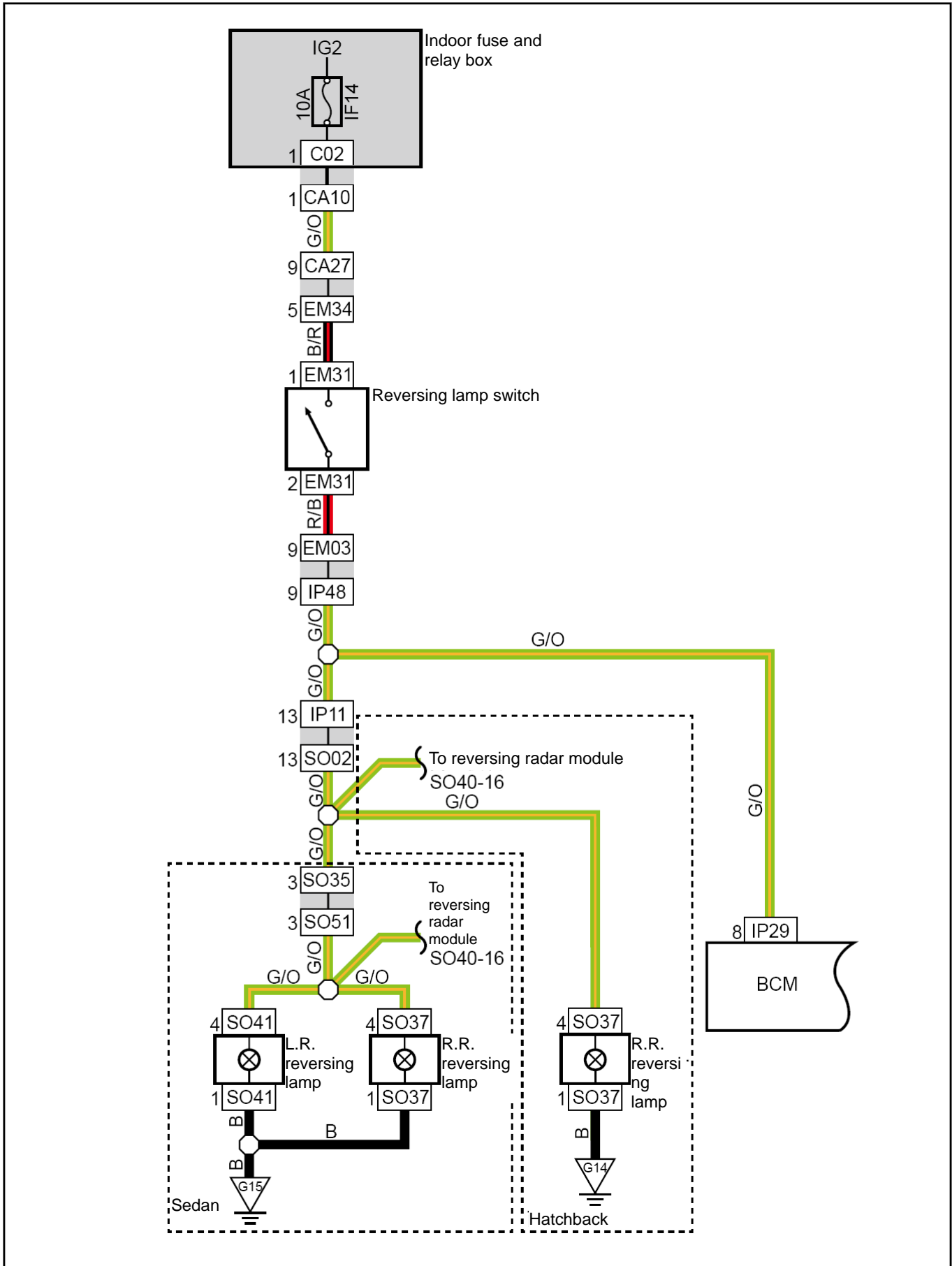
Reversing Lamp (CVT)



Harness connector	Name	Page
C02	Indoor fuse box back connector	19
CA10	To engine compartment fuse and relay box harness connector 3	24
CA29	Isolating solenoid valve harness connector	29
IP55	Air cleaner switch harness connector	65
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
SO68	Automatic transmission controller harness connector	84/87
IP11	To base plate harness, harness connector	56
SO02	To instrument harness, harness connector	71/79
SO35	To trunk harness, harness connector	71/79
SO51	To base plate harness, harness connector	71/79
IP29	Vehicle body control module 1 harness connector	56
SO41	L.R. combination tail lamp harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
G14	Base plate grounding	102/103
G15	Base plate grounding	102/103

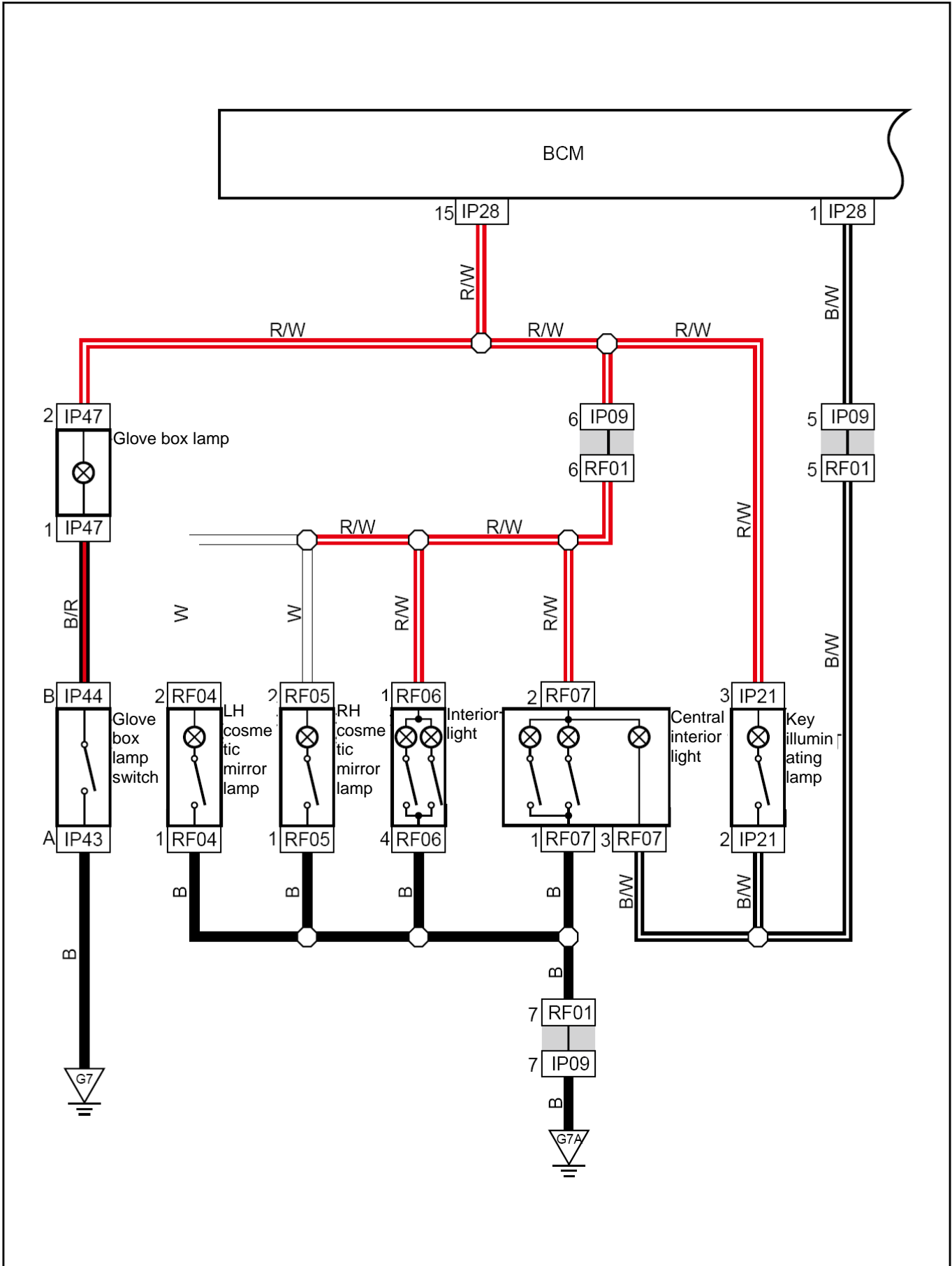
Connection point	Description	Page
Reversing lamp relay H-30	To reversing radar SO40-16	242/246

Reversing Lamp (JL4G15-N)



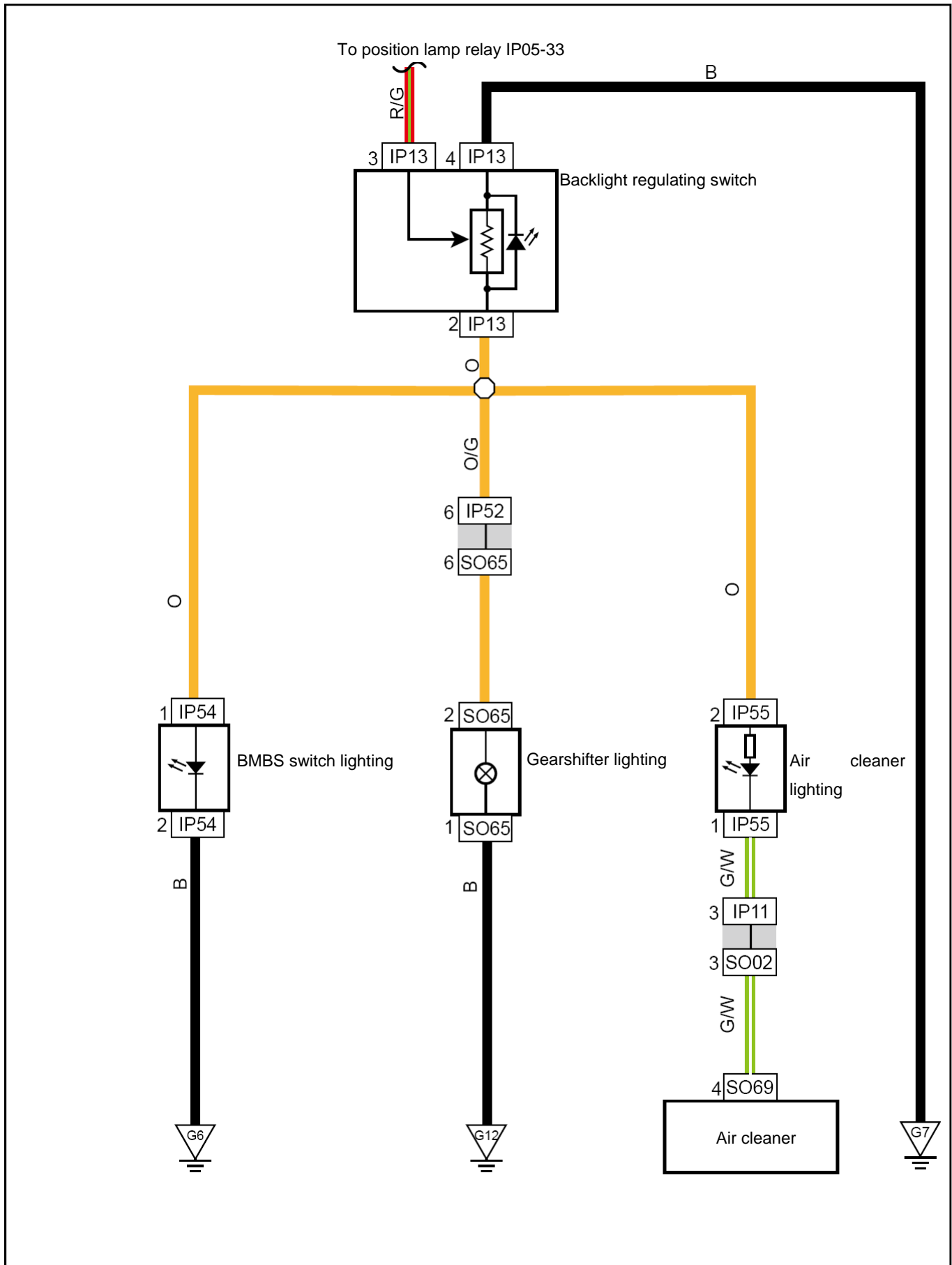
Harness connector	Name	Page
CA10	To engine compartment fuse and relay box harness connector 3	24
CA27	To engine harness connector	25
EM34	To bonnet distribution box 3 harness connector	51
EM31	Reversing gear switch harness connector	51
EM03	To instrument harness, harness connector	51
IP11	To base plate harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP48	To engine harness connector	56
SO02	To instrument harness connector	71/79
SO35(Sedan)	To trunk harness connector	71/79
SO37	R.R. combination tail lamp harness connector	71/79
SO41(Sedan)	L.R. combination tail lamp harness connector	71/79
SO51(Sedan)	To base plate harness connector	71/79
C02	Indoor fuse box back connector	19
G14(Hatchback)	Base plate grounding	102/103
G15(Sedan)	Base plate grounding	102/103

Interior Light



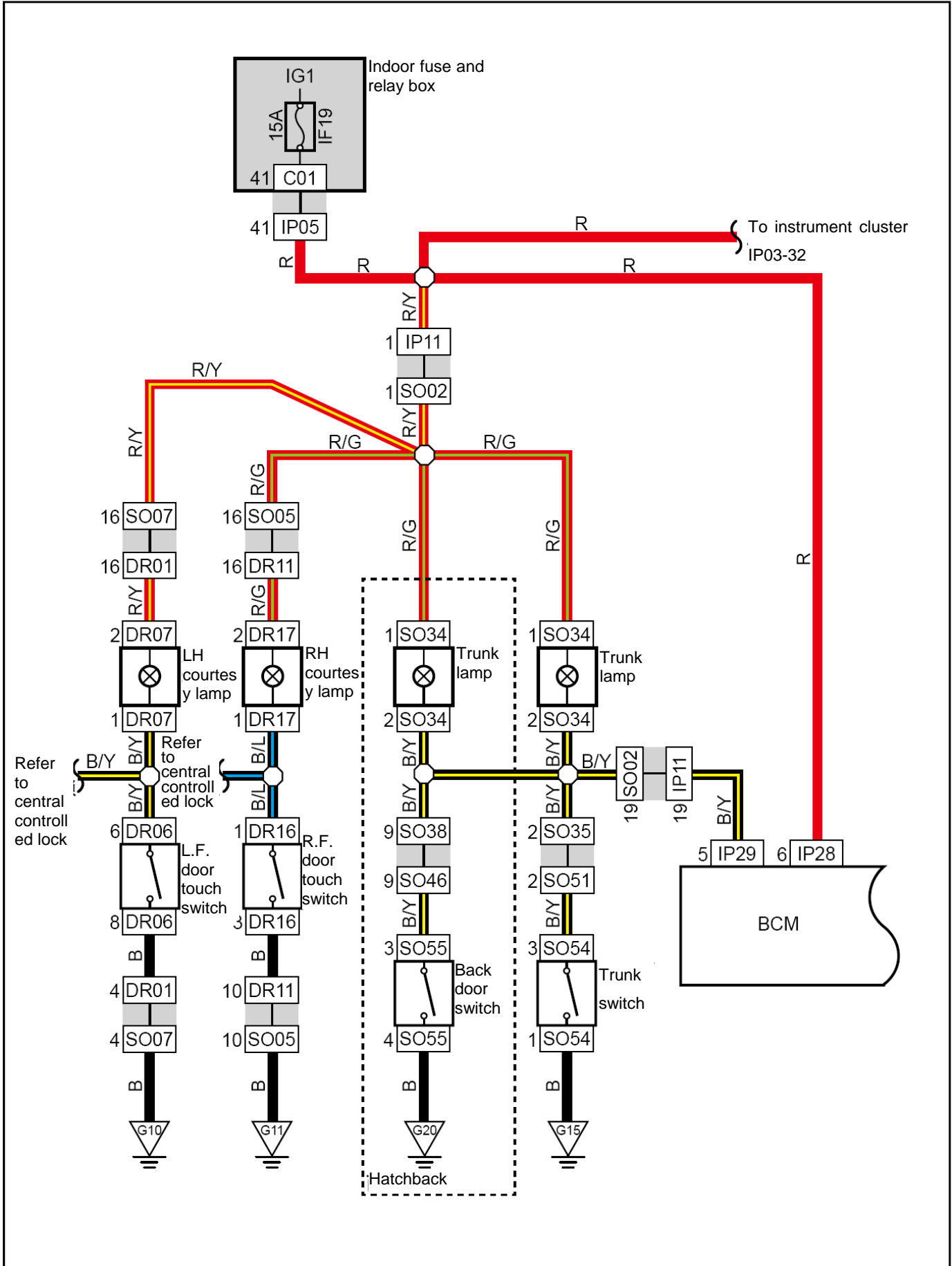
Harness connector	Name	Page
IP09	To roof harness connector	56
IP21	Electronic anti-theft antenna harness connector	56
IP28	Vehicle body control module 2 harness connector	56
IP43	Glove box lamp switch harness connector	56
IP44	Glove box lamp switch harness connector	56
IP47	Glove box lamp harness connector	56
RF01	To instrument harness connector	68
RF04	Driver side cosmetic mirror lamp harness connector	68
RF05	Passenger side cosmetic mirror lamp harness connector	68
RF06	Indoor lamp + sunroof switch harness connector	68
RF07	Middle ceiling lamp harness connector	68
G7	Instrument panel grounding	101
G7A	Instrument panel grounding	101

Interior Light (CVT)



Harness connector	Name	Page
IP13	Instrument desk regulating switch harness connector back door	56
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
IP54	BMBS switch harness connector	65
SO65	To gearshifter harness connector	84/87
IP55	Air cleaner switch harness connector	65
IP11	To base plate harness, harness connector	56
SO02	To instrument harness, harness connector	71/79
SO69	Air cleaner harness connector	84
G7	Instrument panel grounding	101
G6	Instrument panel grounding	101
G12	Base plate grounding	102/103

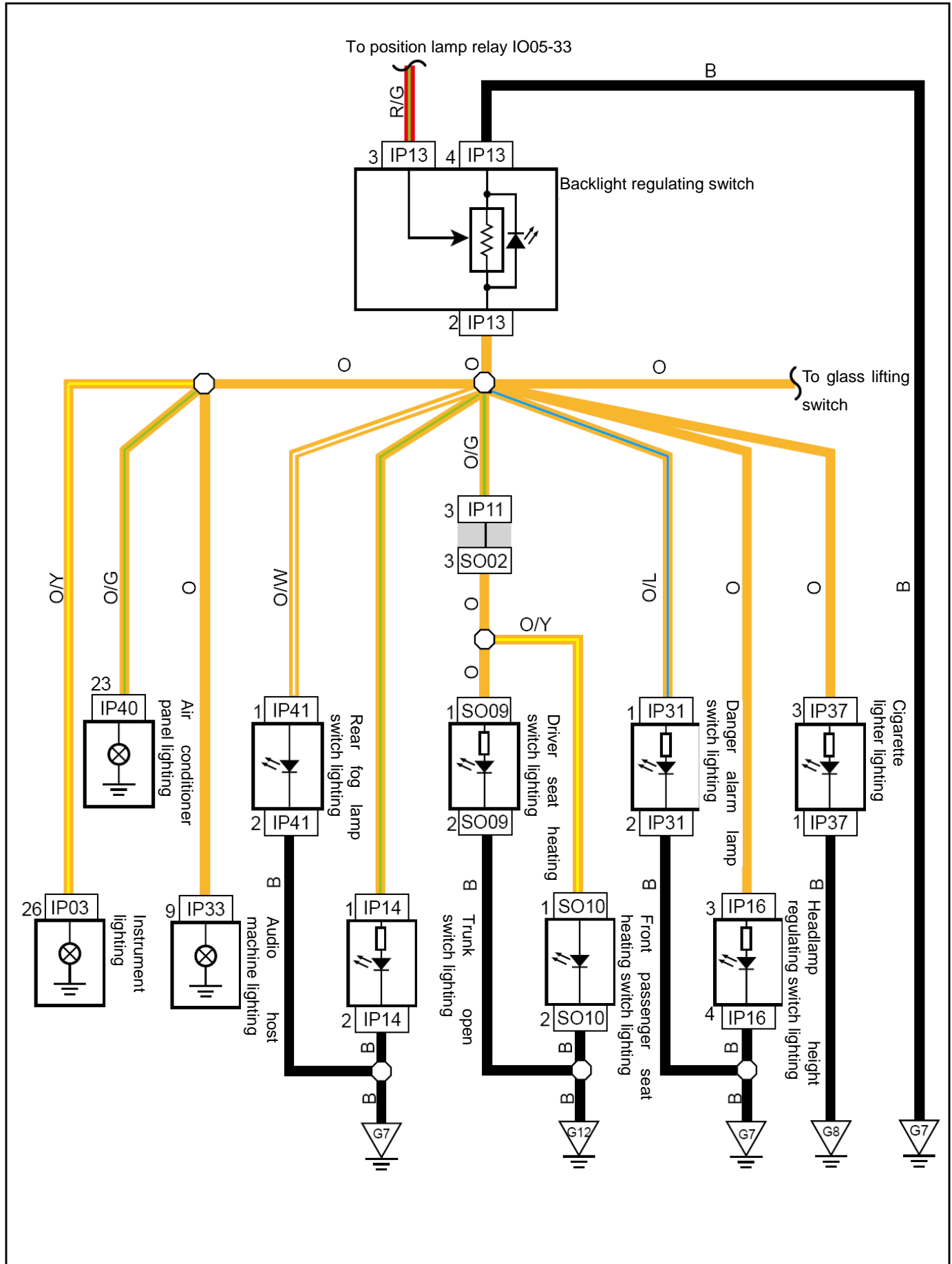
Courtesy Lamp, Trunk Lamp



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR06	L.F. door lock motor harness connector	90
DR07	LH door entry light harness connector	90
DR11	R.F. door to base plate harness connector	90
DR16	R.F. door lock harness connector	90
DR17	RH door entry light connector	90
IP05	To indoor fuse and relay box harness connector	56
IP11	To base plate harness connector	56
IP28	Vehicle body control module 2 harness connector	56
IP29	Vehicle body control module 1 harness connector	56
SO02	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO34	Trunk lamp harness connector	71/79
SO35(Sedan)	To trunk harness connector	71
SO38(Hatchback)	To back door harness connector	79
SO46(Hatchback)	To base plate harness connector	79
SO51(Sedan)	To base plate harness connector	71
SO54(Sedan)	Trunk lock harness connector	71
SO55(Hatchback)	Rear trunk lock harness connector	79
C01	Indoor fuse box back connector	19
G10	Base plate grounding	102/103
G11	Base plate grounding	102/103
G15	Base plate grounding	102/103
G20 (Hatchback)	Back door	104

Connection point	Description	Page
IP11-1	To instrument cluster IP03-32	320/322
DR16-1	Refer to central controlled lock	262
DR06-6	Refer to central controlled lock	260

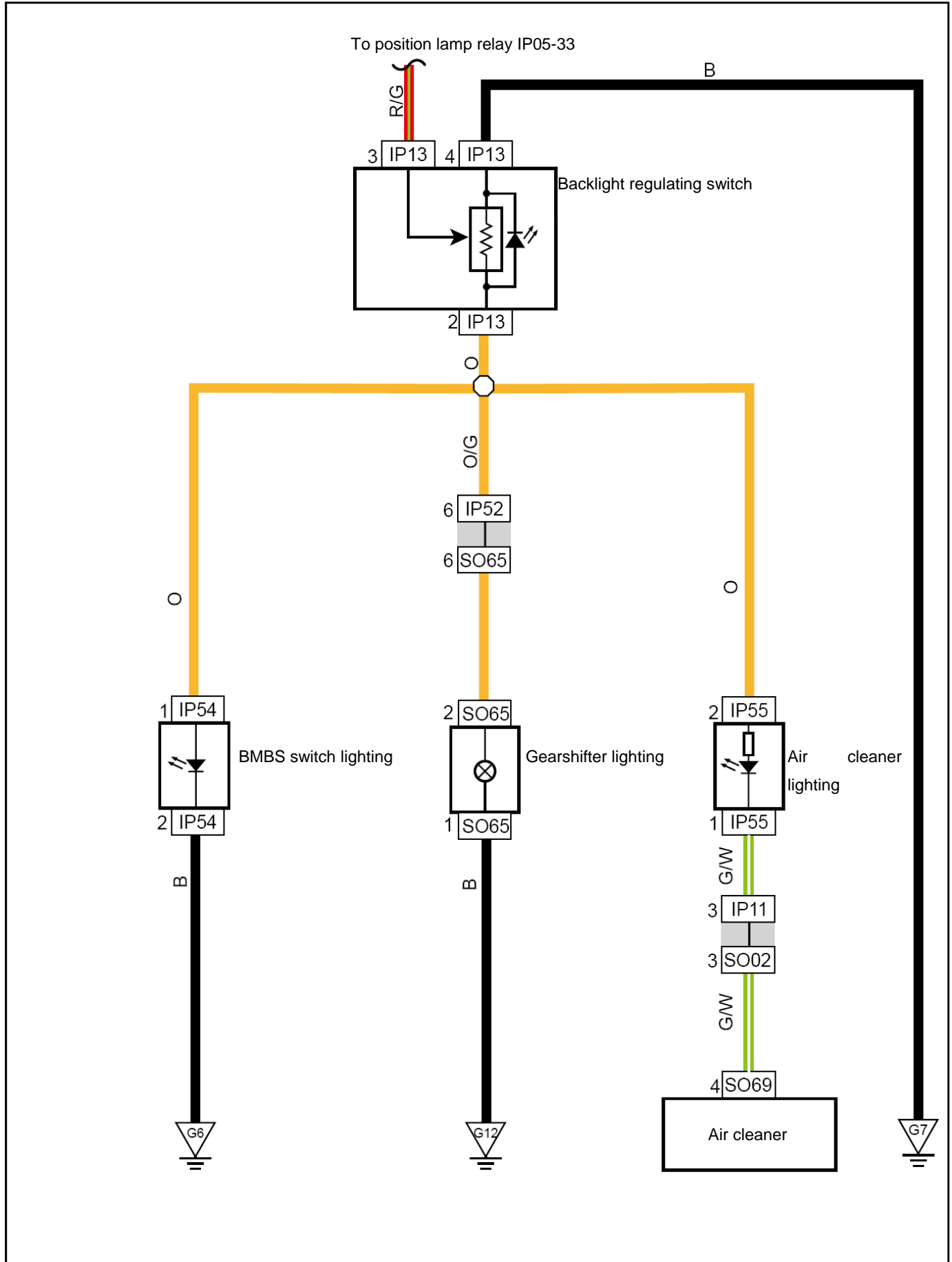
Indoor Dimmer Lamp



Harness connector	Name	Page
IP03	Instrument cluster harness connector	24
IP11	To base plate harness connector	56
IP13	Instrument panel back light regulating switch harness connector	56
IP14	Trunk opening switch harness connector	56
IP16	Headlamp regulating switch harness connector	56
IP31	Danger alarm lamp switch harness connector	56
IP33	Audio host machine 1 harness connector	56
IP37	Cigarette lighter + lighting	56
IP40	Air conditioner control module harness connector	56
IP41	Rear fog lamp switch	56
SO02	To instrument harness connector	71/79
SO09	L.F. seat heating switch harness connector	71/79
SO10	R.F. seat heating switch harness connector	71/79
G7	Instrument panel grounding	101
G8	Instrument panel grounding	101
G12	Base plate grounding	102/103

Connection point	Description	Page
IP05-33	To position lamp relay	288/290
IP11-3	To glass lifting switch	252/254

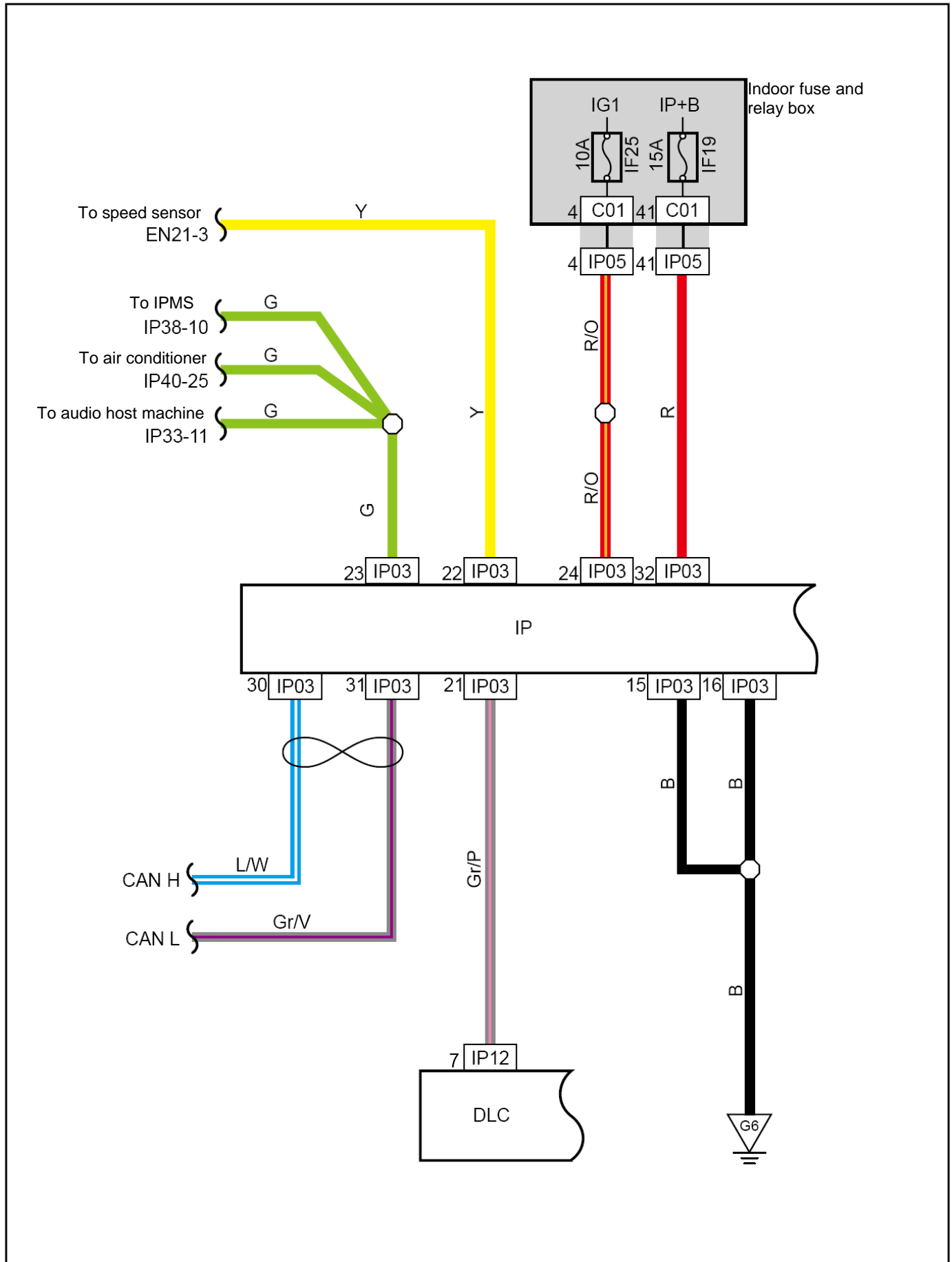
Indoor Dimmer Lamp 1



Harness connector	Name	Page
IP11	To base plate harness, harness connector	56
IP13	Instrument panel back light regulating switch harness connector	56
IP52	Trunk opening switch harness connector	56
IP54	Headlamp regulating switch harness connector	56
IP55	Danger alarm lamp switch harness connector	56
SO02	To instrument harness connector	71/79
SO69	Air cleaner harness connector	84/87
SO65	To gearshifter harness connector	84/87
G7	Instrument panel grounding	101
G6	Instrument panel grounding	101
G12	Base plate grounding	102/103

Connection point	Description	Page
IP05-33	To position lamp relay	288/290
IP11-3	To glass lifting switch	252/254

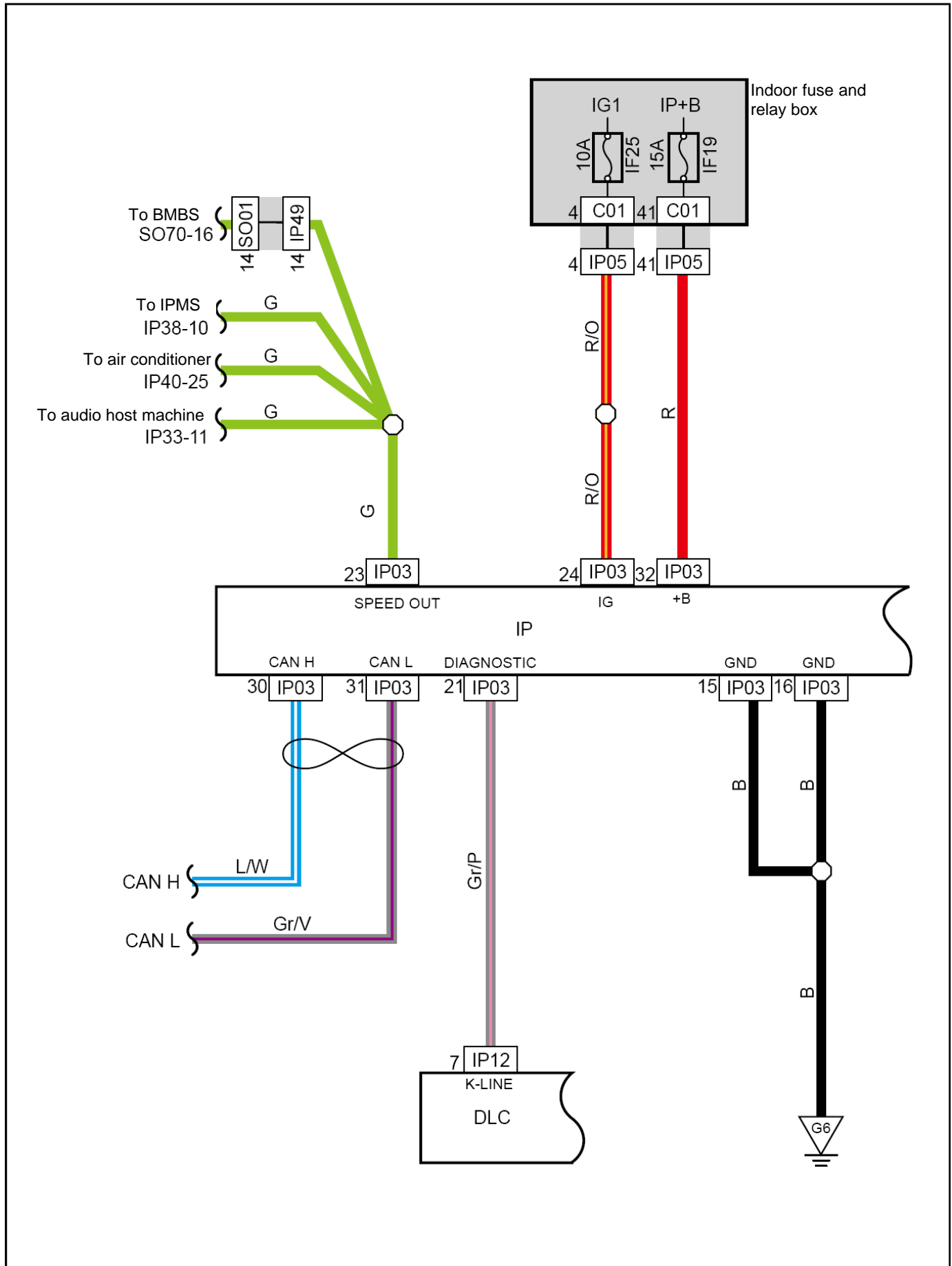
Instrument Cluster Power Supply, Grounding Points, Data Line



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP03	Instrument cluster harness connector	56
IP12	Diagnosis interface harness connector	56
G6	Instrument panel grounding	101

Connection point	Description	Page
IP03-22	To vehicle speed sensor EN21-3	154
IP03-23	To TPMS control module IP38-10	234
IP03-23	To air conditioner control module IP40-25	206
IP03-23	To audio host machine IP33-11	330
IP03-30	CAN H	338/340/342/344
IP03-31	CAN L	338/340/342/344

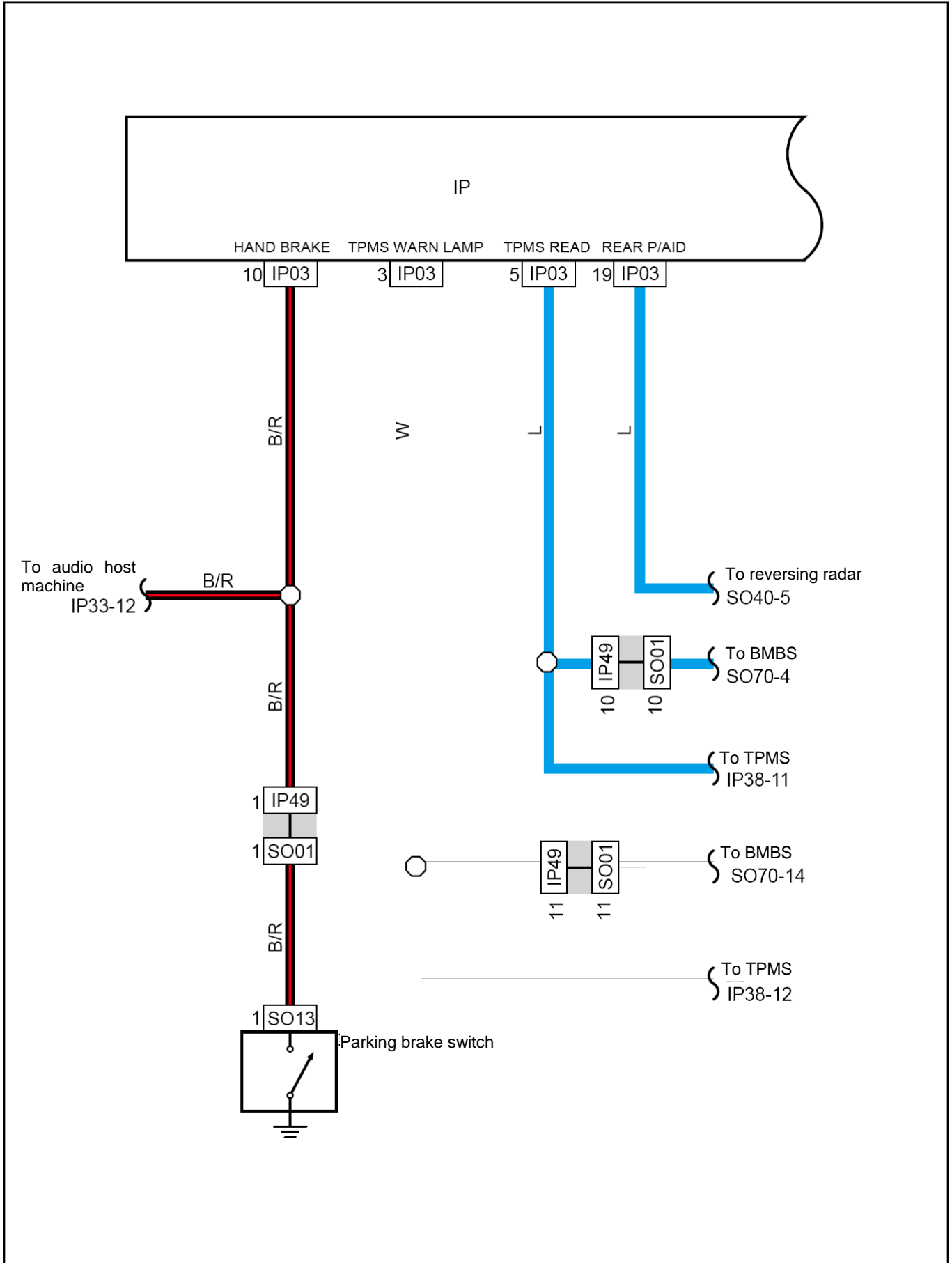
Instrument Cluster Power Supply, Grounding Points, Data Line (CVT)



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP03	Instrument cluster harness connector	56
IP49	To base plate harness (RH) harness connector	56
SO01	To instrument harness, harness connector	71/79
IP12	Diagnosis interface harness connector	56
G6	Instrument panel grounding	101

Connection point	Description	Page
IP03-23	To BMBS control module SO70-16	200
IP03-23	To TPMS control module IP38-10	234
IP03-23	To air conditioner control module IP40-25	206
IP03-23	To audio host machine IP33-11	330
IP03-30	CAN HI	338/340/342/344
IP03-31	CAN LOW	338/340/342/344

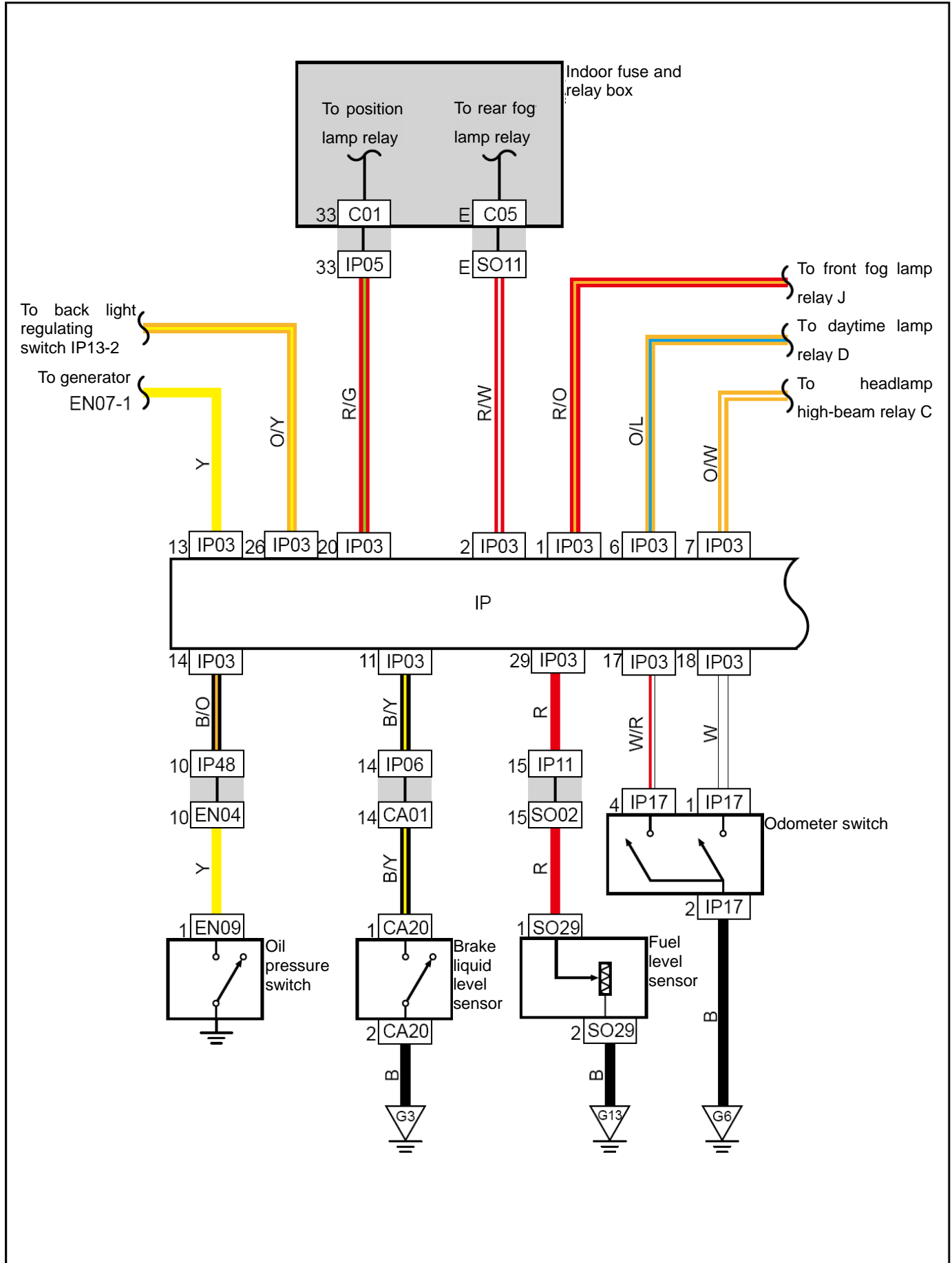
Instrument Cluster Sound Warn, Alarm



Harness connector	Name	Page
IP03	Instrument cluster harness connector	56
IP49	To base plate harness (RH) harness connector	56
SO01	To instrument harness, harness connector	71/79
SO13	Hand brake switch harness connector	71/79

Connection point	Description	Page
IP03-10	To air conditioner host machine IP33-12	206
IP03-3	To TPMS control module IP38-12	234
IP03-3	To BMBS control module SO70-14	236
IP03-5	To TPMS control module IP38-11	234
IP03-5	To BMBS control module SO67-4	236
IP03-19	To reversing radar SO40-5	240/242/244/246

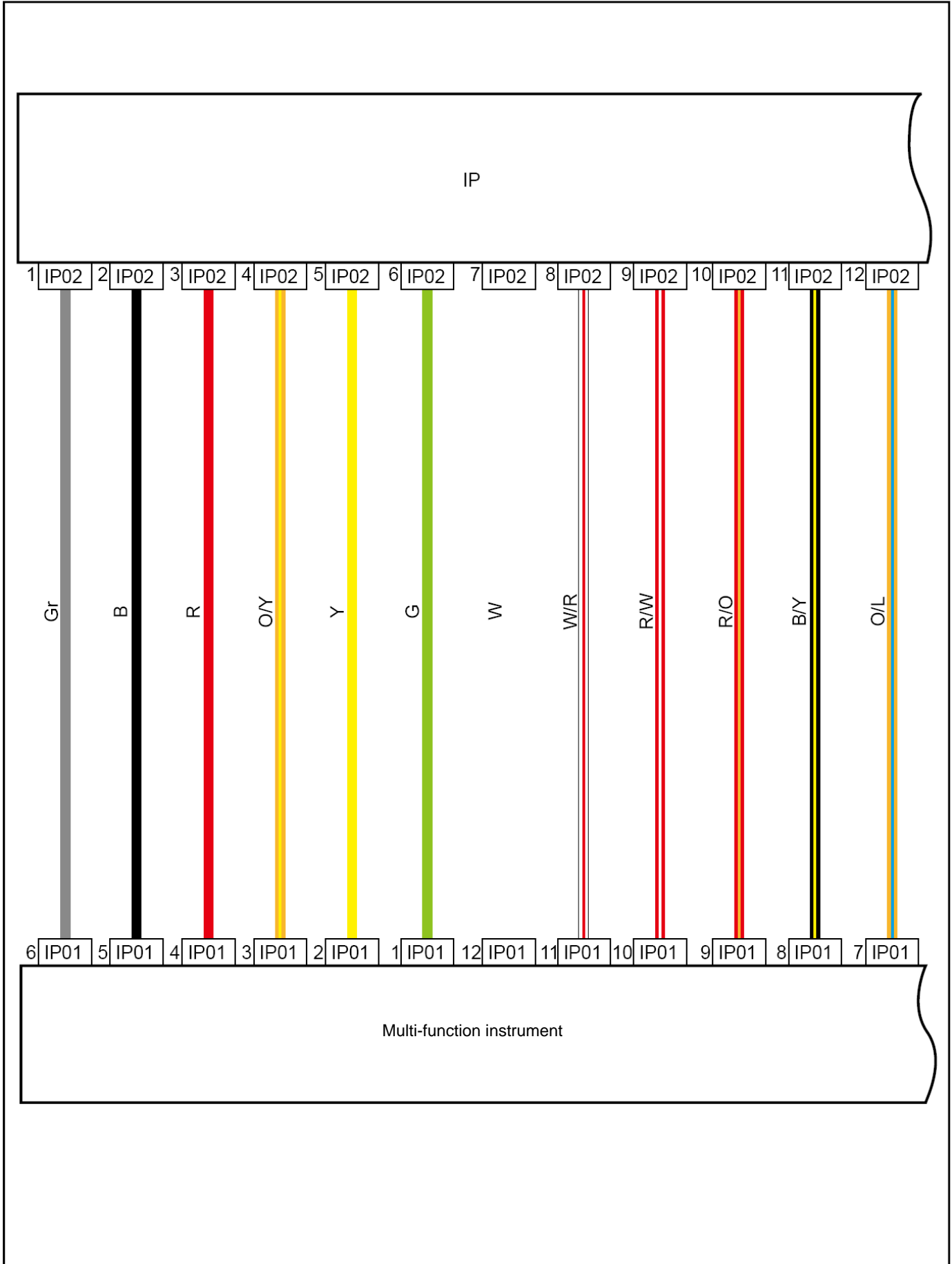
Combination Instrument Lighting, Indicator



Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA20	Brake fluid level sensor harness connector	25
EN04	To instrument harness connector	33
EN09	Oil pressure sensor harness connector	34
IP03	Instrument cluster harness connector	56
IP05	To indoor fuse and relay box harness connector	56
IP06	To engine compartment harness connector	56
IP11	To base plate harness connector	56
IP17	Odometer switch harness connector	56
IP48	To engine harness connector	56
SO02	To instrument harness connector	71/79
SO11	To indoor fuse and relay box harness connector	71/79
SO29	Fuel pump harness connector	71/79
C01	Indoor fuse box back connector	19
C05	Indoor fuse box back connector	19
G3	Engine compartment grounding	97/99
G6	instrument panel grounding	101
G13	Base plate grounding	102/103

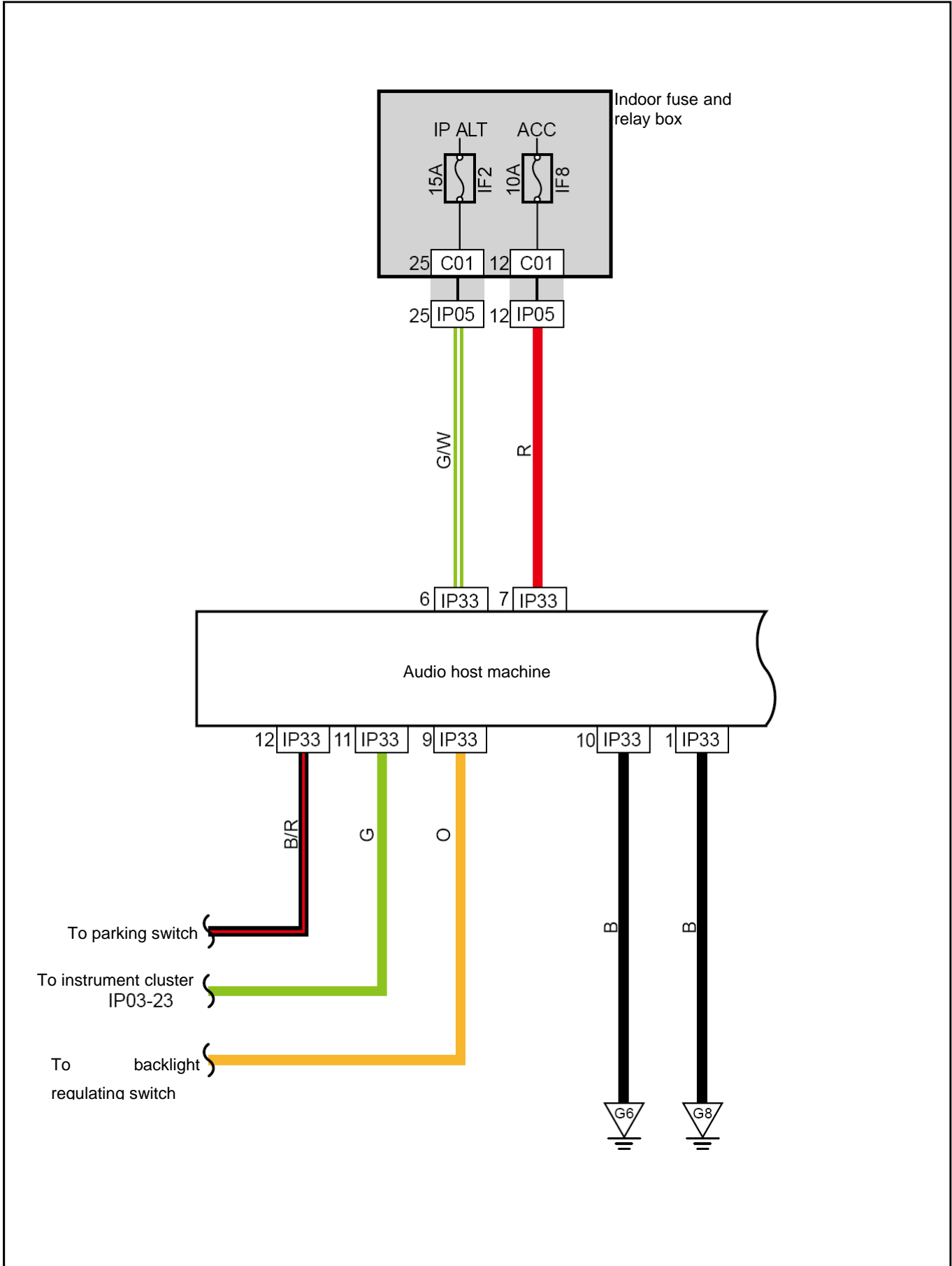
Connection point	Description	Page
IP03-1	To front fog lamp relay J	292/294
IP03-6	To daytime lamp relay D	286
IP03-7	To headlamp high beam relay C	284
IP03-13	To alternator EN07-1	116
IP03-26	To back light regulating switch IP13-2	316

Multi-function Instrument



Harness connector	Name	Page
IP01	Multi-function instrument harness connector	56
IP02	Instrument cluster to multi-function instrument harness connector	56

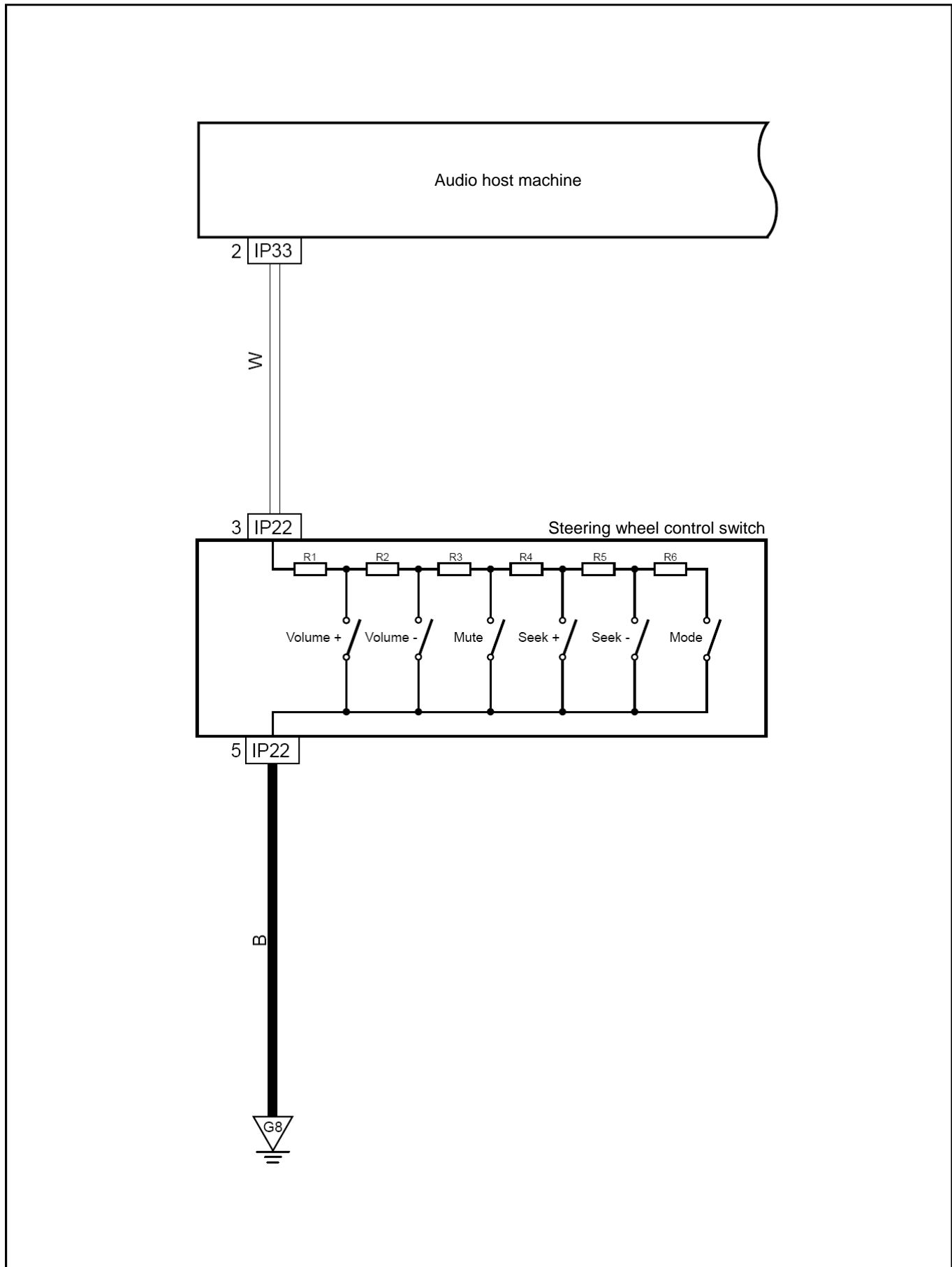
Audio host Machine Power Supply, Signal, Grounding



Harness connector	Name	Page
IP05	To indoor fuse and relay box harness connector	56
IP33	Audio host machine 1 harness connector	56
C01	Indoor fuse box back connector	19
G6	Instrument panel grounding	101
G8	Instrument panel grounding	101

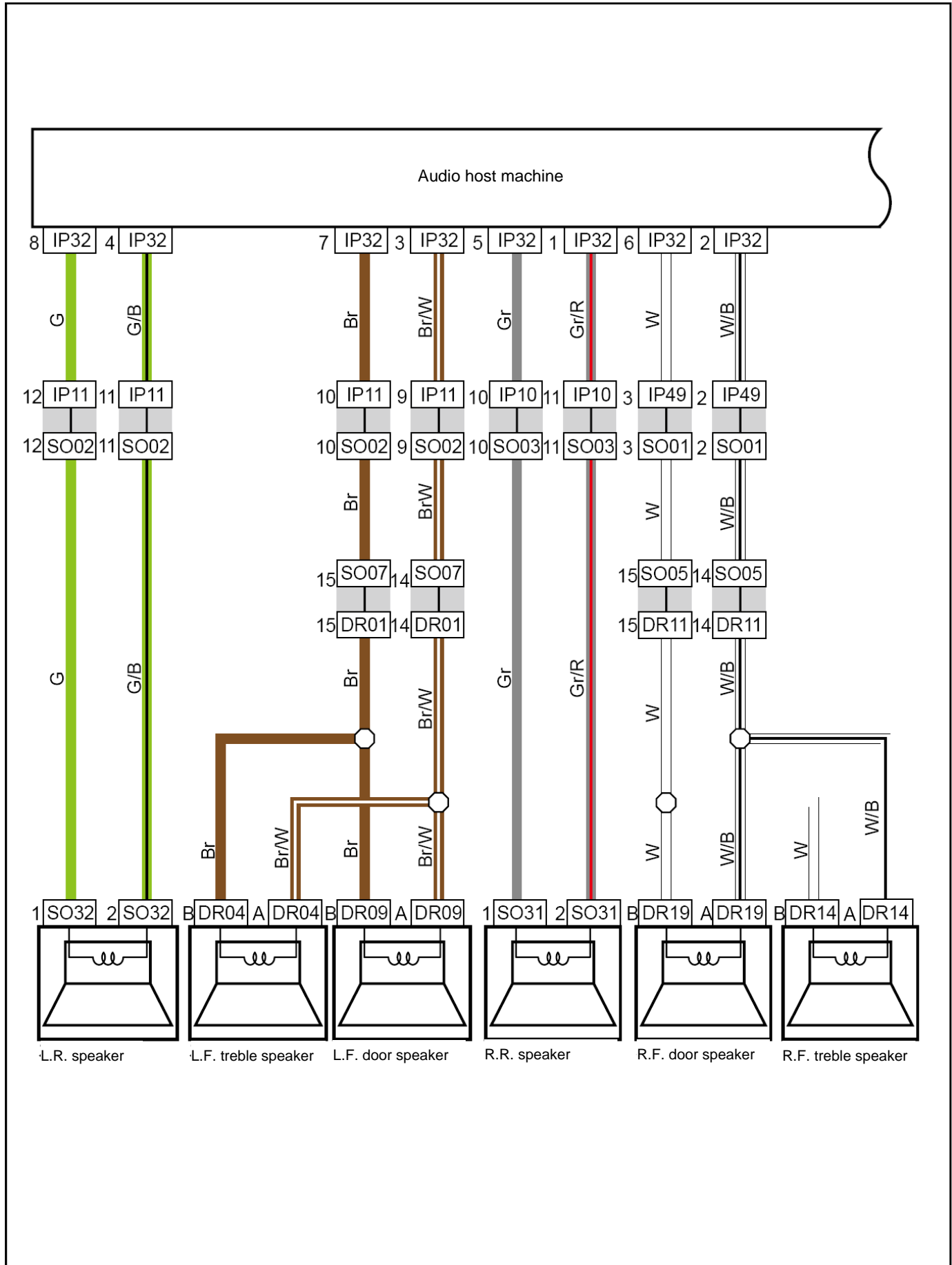
Connection point	Description	Page
IP33-9	To backlight regulating switch	316
IP33-11	To instrument cluster IP03-23	320
IP33-12	To parking switch	324

Steering Wheel Control (Navigation) for Audio Host Machine



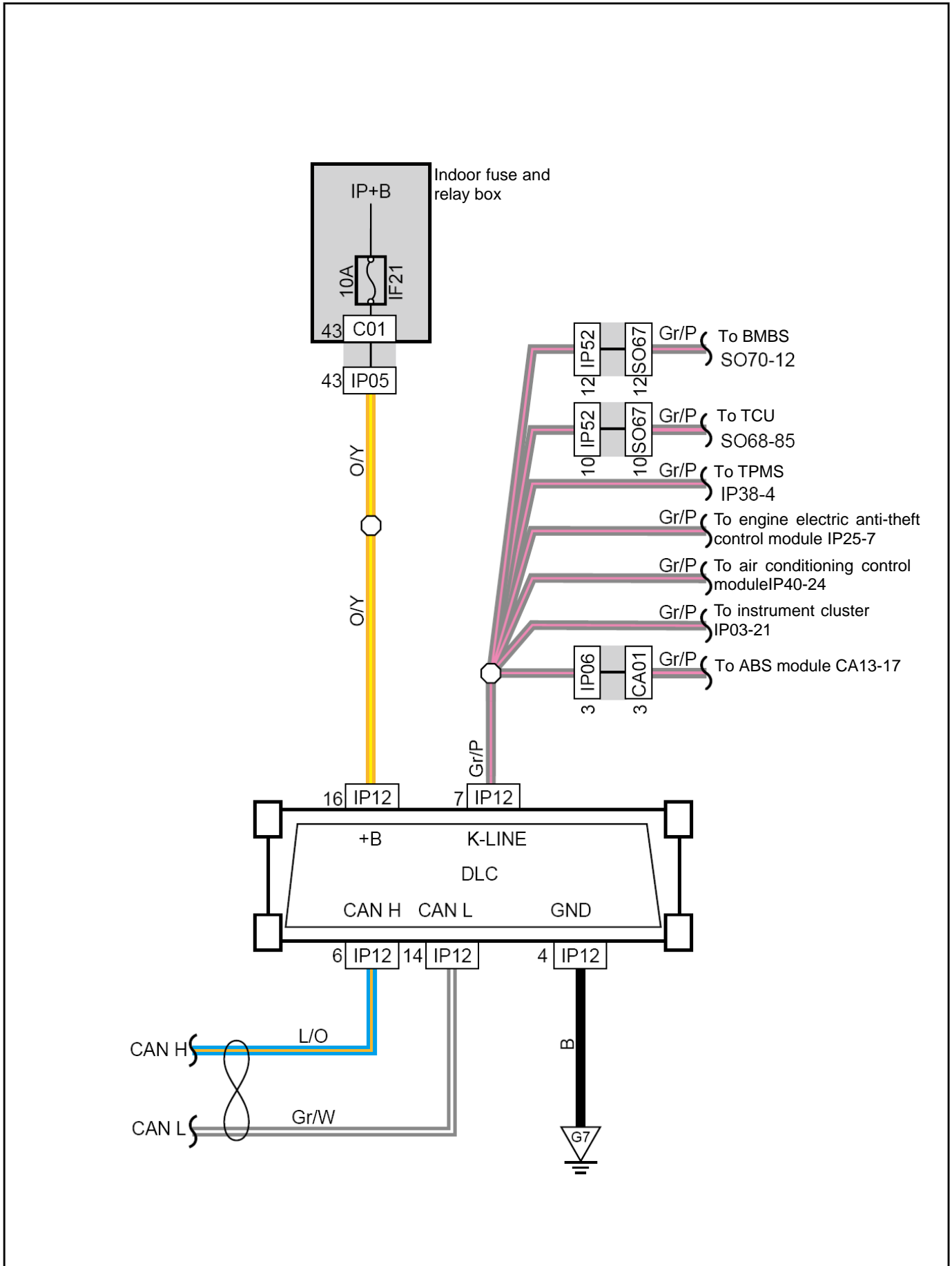
Harness connector	Name	Page
IP22	Clock spring 1 (horn switch) harness connector	56
IP33	Audio host machine 1 harness connector	56
G8	Instrument panel grounding	101

Speaker Control for Audio Host Machine



Harness connector	Name	Page
DR01	L.F. door to base plate harness connector	90
DR04	L.F. treble speaker harness connector	90
DR09	L.F. door speaker harness connector	90
DR11	R.F. door to base plate harness connector	90
DR14	R.F. treble speaker harness connector	90
DR19	R.F. door speaker harness connector	90
IP10	R.F. seat heating switch harness connector	56
IP11	To indoor fuse and relay box harness connector	56
IP32	L.R. speaker harness connector	56
IP49	RH license lamp harness connector	56
SO01	To instrument harness connector	71/79
SO02	To instrument harness connector	71/79
SO03	To instrument harness connector	71/79
SO05	To R.F. door harness connector	71/79
SO07	To L.F. door harness connector	71/79
SO31	R.R. speaker harness connector	71/79
SO32	L.R. speaker harness connector	71/79

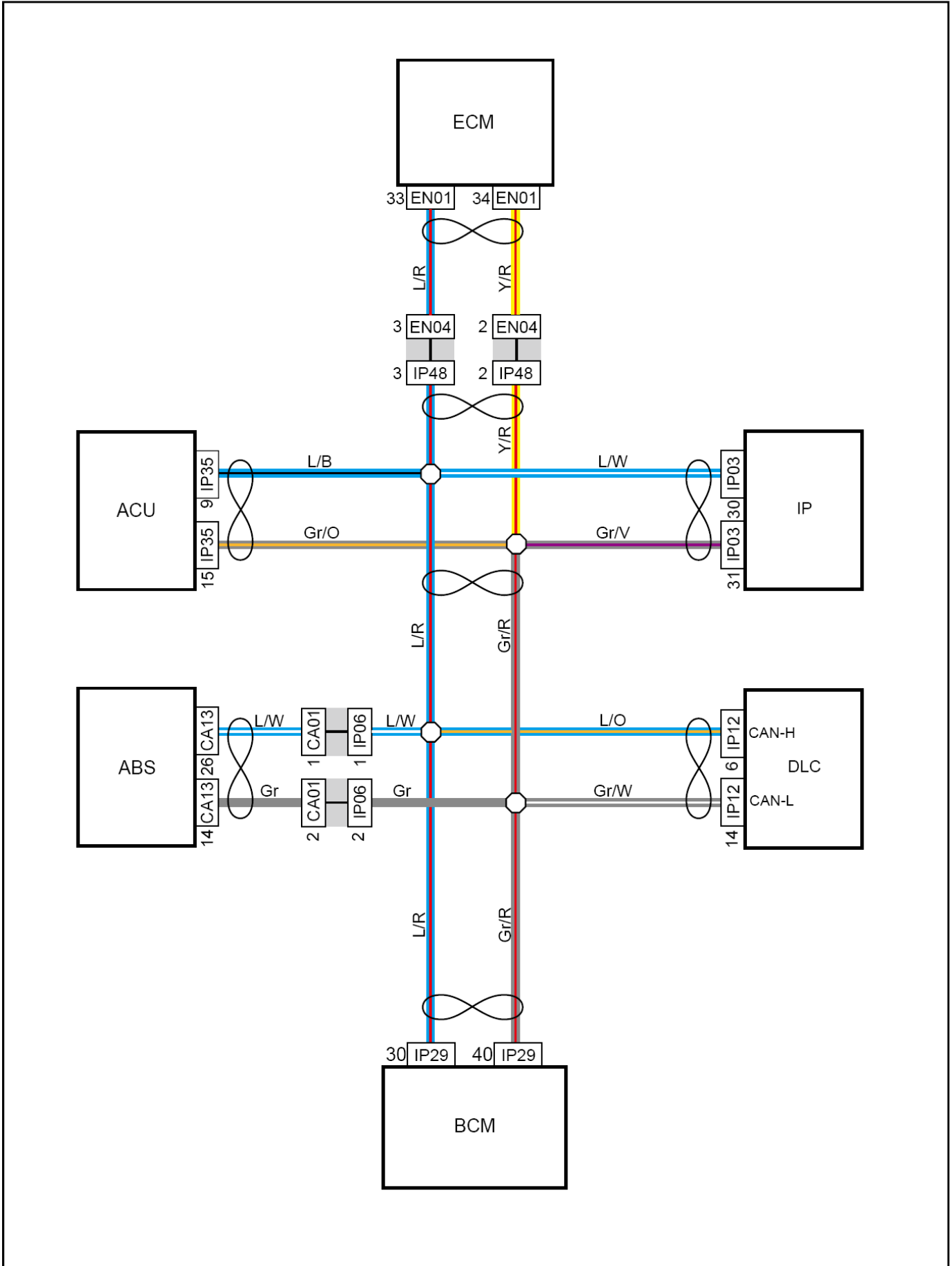
Diagnosis Interface



Harness connector	Name	Page
C01	Indoor fuse box back connector	19
IP05	To indoor fuse box harness connector	56
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
IP06	To engine compartment harness, harness connector	56
CA01	To instrument harness 1 harness connector	24
IP12	Diagnosis interface harness connector	56
G7	Instrument grounding	101

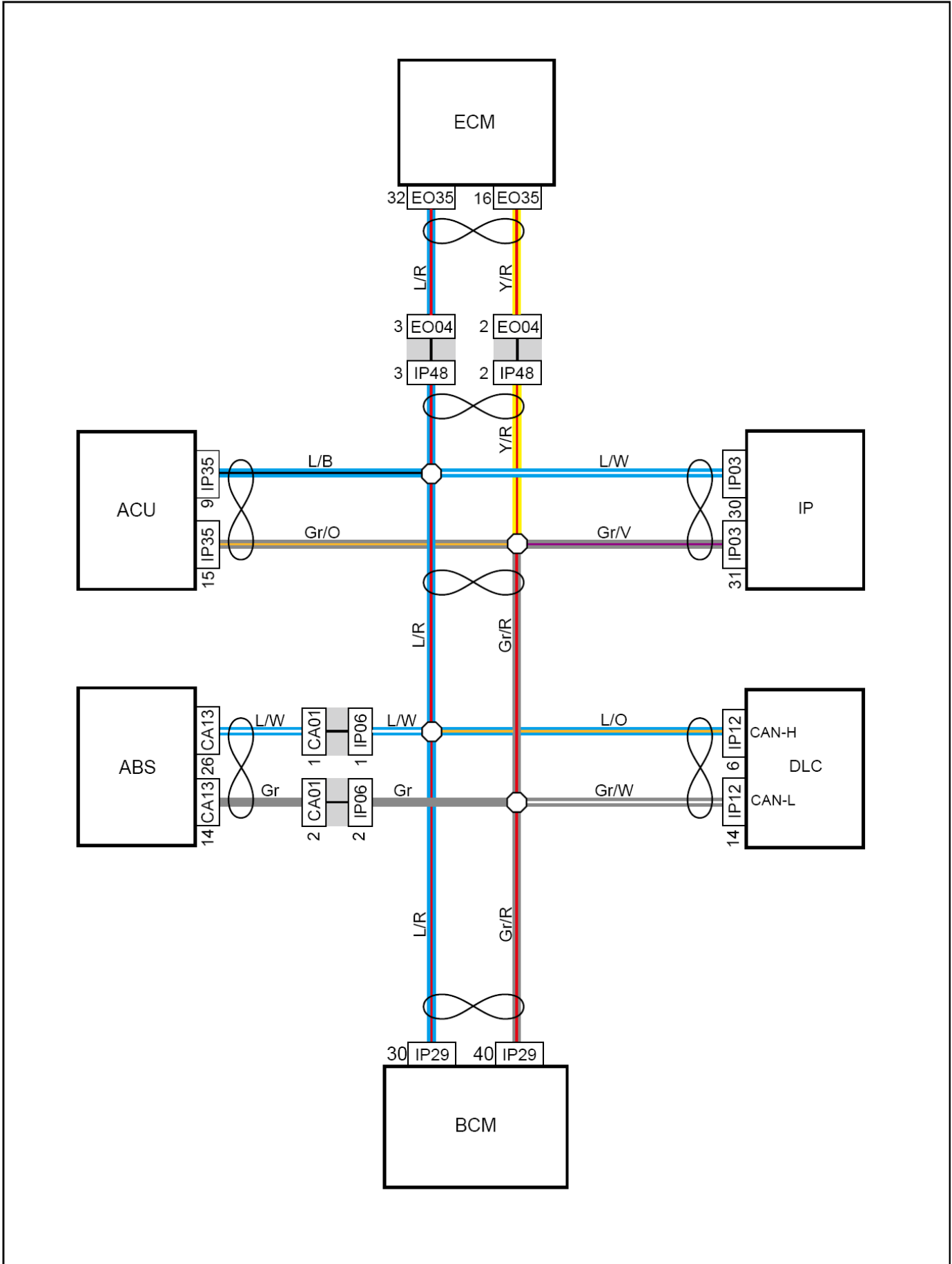
Connection point	Description	Page
IP12-7	To ABS control module CA13-17	228
IP12-7	To instrument cluster IP03-21	320/322
IP12-7	To air conditioner control module IP40-24	206
IP12-7	To engine anti-theft control module IP25-7	192/194/196/198
IP12-7	To TPMS control module IP38-4	234
IP12-7	To TCU control module SO63-85	200
IP12-7	To BMBS control module SO70-12	236

CAN Data Communication Network



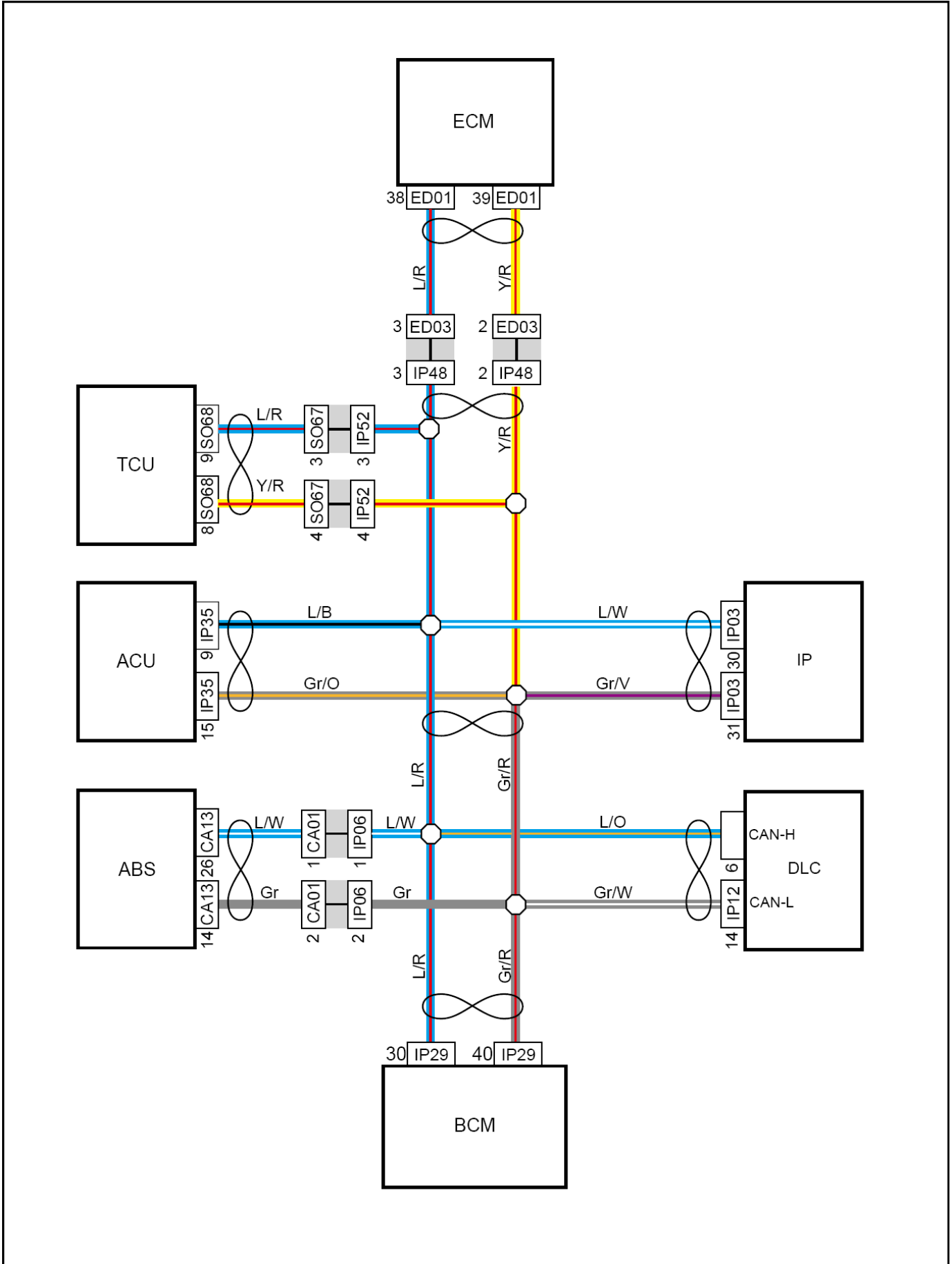
Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA13	ABS control module harness connector	25
EN01	Engine control module harness connector	33
EN04	To instrument harness connector	33
IP03	Instrument cluster harness connector	56
IP06	To engine compartment harness connector	56
IP12	Diagnosis interface harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP35	Airbag module 1	56
IP48	To engine harness connector	56

CAN Data Communication Network (JL4G15-G)



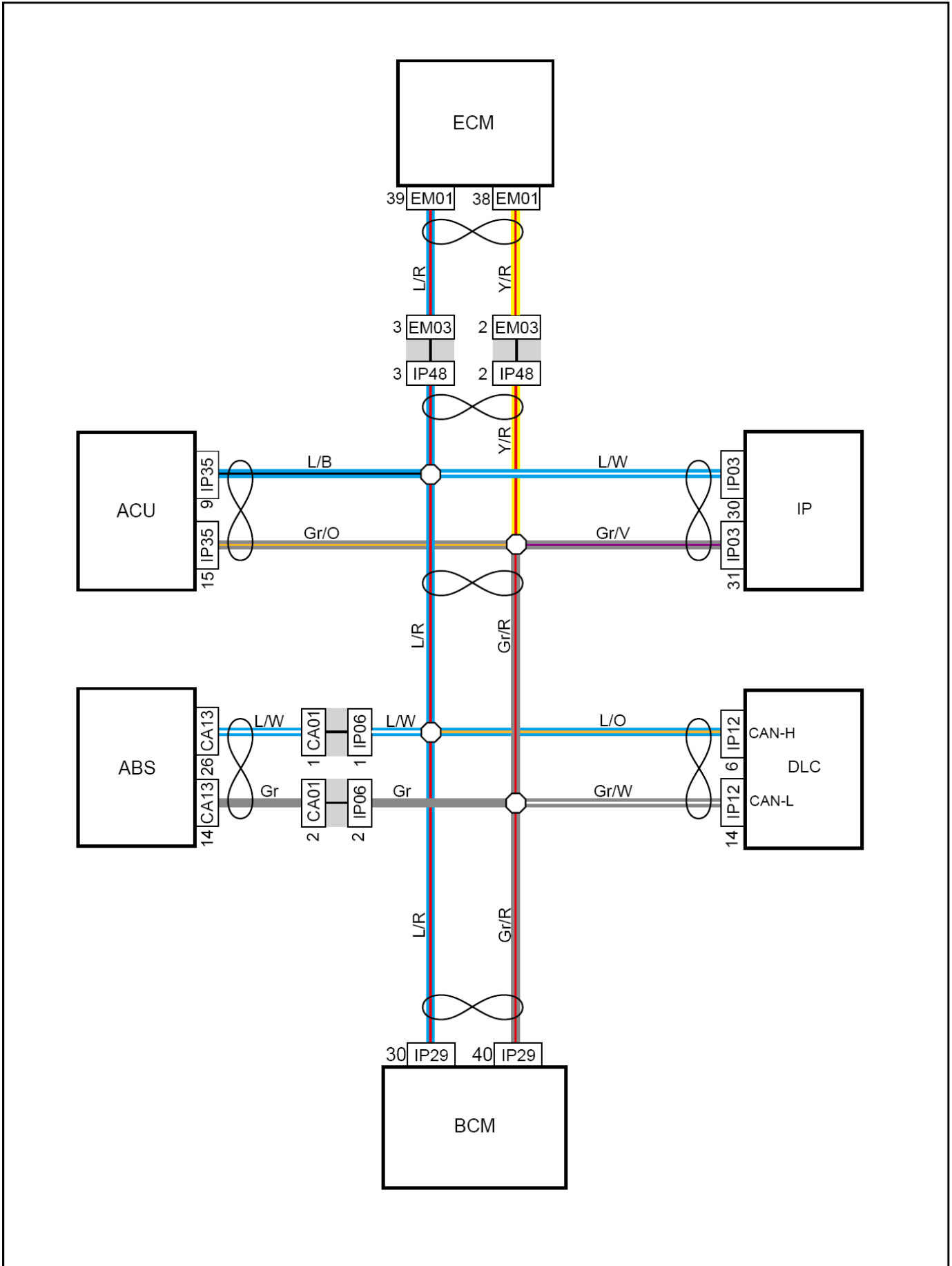
Harness connector	Name	Page
CA01	To instrument harness 1 harness connector	24
CA13	ABS control module harness connector	25
EO04	To instrument harness connector (JL4G15-G)	39
EO35	ECM (C) harness connector (JL4G15-G)	39
IP03	Instrument cluster harness connector	56
IP06	To engine compartment harness connector	56
IP12	Diagnosis interface harness connector	56
IP29	Vehicle body control module 1 harness connector	56
IP35	Airbag module 1	56
IP48	To engine harness connector	56

CAN Data Communication Network (CVT)



Harness connector	Name	Page
ED01	Engine control module harness connector	45
ED03	To instrument harness (1) harness connector	45
IP48	To engine harness, harness connector	56
IP52	To base plate harness, harness connector	65
SO67	To instrument panel harness, harness connector	84/87
SO68	Automatic transmission controller harness connector	84/87
IP35	Airbag module 2 harness connector	56
IP03	Instrument cluster harness connector	56
CA01	To instrument harness 1 harness connector	24
IP06	To engine compartment harness, harness connector	56
CA13	ABS module harness connector	25
IP12	Diagnosis interface harness connector	56
IP29	Vehicle body control module 1 harness connector	56

CAN Data Communication Network (JL4G15-N)



Harness connector	Name	Page
EM01	Engine control module harness connector	45
EM03	To instrument harness, harness connector	45
IP48	To engine harness, harness connector	56
SO67	To instrument panel harness, harness connector	84/87
SO68	Automatic transmission controller harness connector	84/87
IP35	Airbag module 2 harness connector	56
IP03	Instrument cluster harness connector	56
CA01	To instrument harness 1 harness connector	24
IP06	To engine compartment harness, harness connector	56
CA13	ABS module harness connector	25
IP12	Diagnosis interface harness connector	56
IP29	Vehicle body control module 1 harness connector	56

Abbreviation	Description
ABS	Anti-lock brake system
ACU	Airbag control Unit
BCM	Body control module
BMBS	Blow-out monitoring and brake system
CAN	Controller area network
CKP	Crankshaft position sensor
CMP	Camshaft position sensor
DLC	Fault diagnosis interface
ECM	Engine control module
ECT	Coolant temperature sensor
EVAP	Canister solenoid valve
HO2S	Oxygen sensor
IAC	Idling air control valve
IAT	Intake air temperature sensor
IMMO	Engine immobilizer control module
IP(Cluster)	Instrument cluster
KS	Shock sensor
MAP	Intake manifold absolute pressure sensor
TPS	Throttle position sensor
TCU	Transmission control module
VSS	Vehicle speed sensor
PAID	Reversing radar control module
HVAC	Air conditioner control module