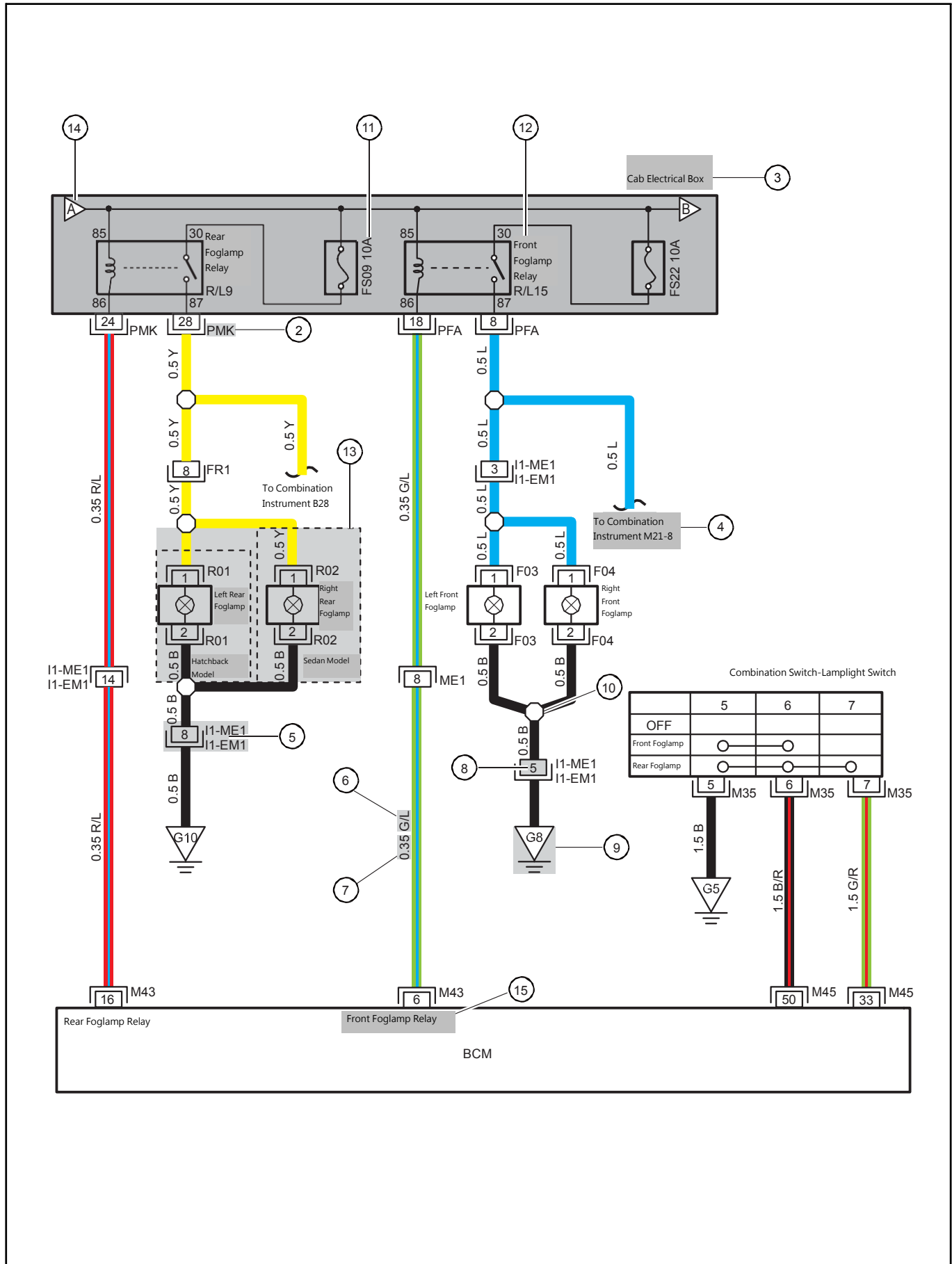


Content	1
1 Recognition and Reading Instructions of Circuit Diagram.....	2
2 Icon Symbols	5
3 Fuse、 Relay.....	7
4 Harness and Connector Arrangement.....	19
5 Layout of Grounding Point.....	76
6 Power Configuration	90
7 Systematic Circuit Diagram.....	101

Foglamp — ①



- 1 System Designation
- 2 Harness Connector NO.

The numbering rule of harness connector in this circuit catalogue is based on harness, For example, the serial number of harness connector of left front headlamp among engine harness is E23, E means harness code, 23 means the serial number of connector.

Each code in the following chart represents the corresponding harness :

Definition	Harness Designation
B	Power Supply Harness
E	Engine Harness
A	Engine Control Harness
M	Main Harness
R	Ceiling Harness
F	Body Harness
D0*	Left Front Door Harness
D1*	Right Front Door Harness
D2*	Left Rear Door Harness
D3*	Right Rear Door Harness
T0*	Tail-Gate Transition Harness
T1*	Tail-Gate Harness
RB	Reversing Radar Harness

Caution :

- 1 Some butt-joint harness connector numbering among harness is different.
- 2 For harness connector numbering, please refer to layout diagram of harness.
- 3 Component designation
- 4 It displays the relevant system information of circuit connection.
- 5 Connection between plugs, the serial number of butt-joint connector is marked on the side.
- 6 It displays the wire color and diameter, the color code is as following:

Color Code	Wire Color	Example
B	Black	
Gr	Gray	
Br	Brown	
Bl	Blue	
G	Green	

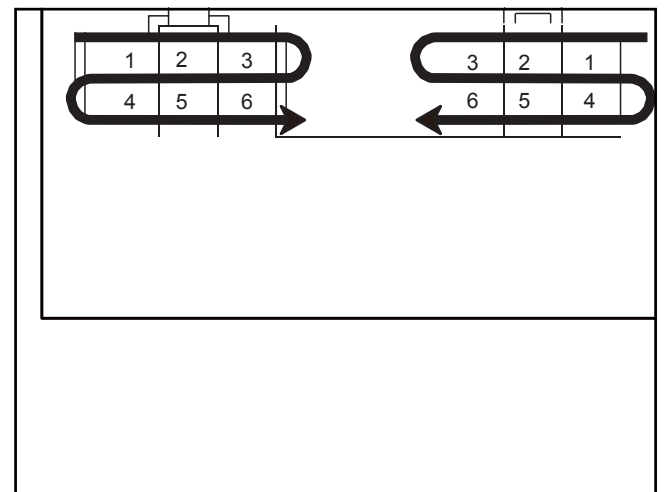
R	Red	
Y	Yellow	
O	Orange	
W	White	
V	Purple	
P	Pink	
Lg	Light Green	
Lb	Light Blue	

If the wire is bicolor, the first letter represents the background color, the second letter represents the streak color, "/" separates the two letters in the middle

For example: the wire marked by G/B means green background and black streak.

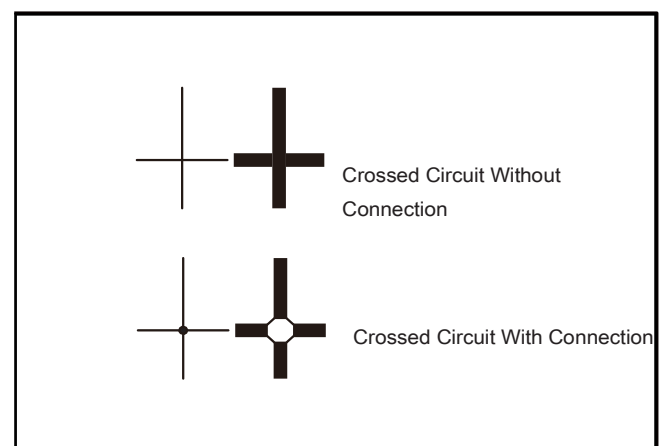
7 It displays the wire diameter.

8 It displays the terminal numbering of connector, attention, the terminal numbering sequence of mutually connected harness connector mirror each other, see as following diagram :



9 the serial number of grounding point, the identification of serial number starts with G. For the position of grounding point, please refer to layout diagram of grounding point.

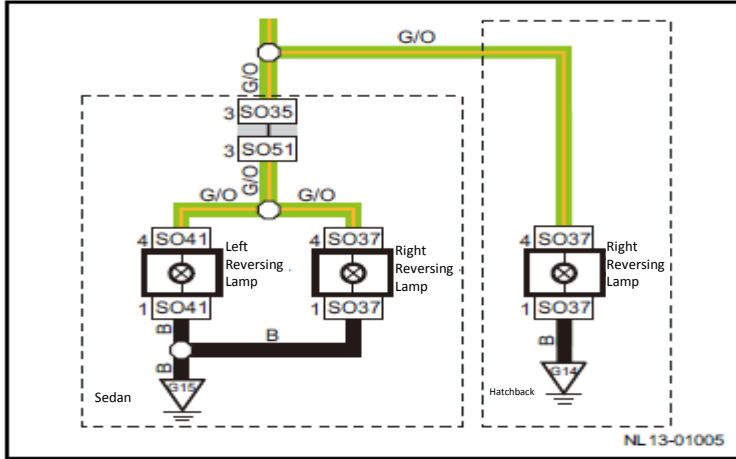
10 Wire node.



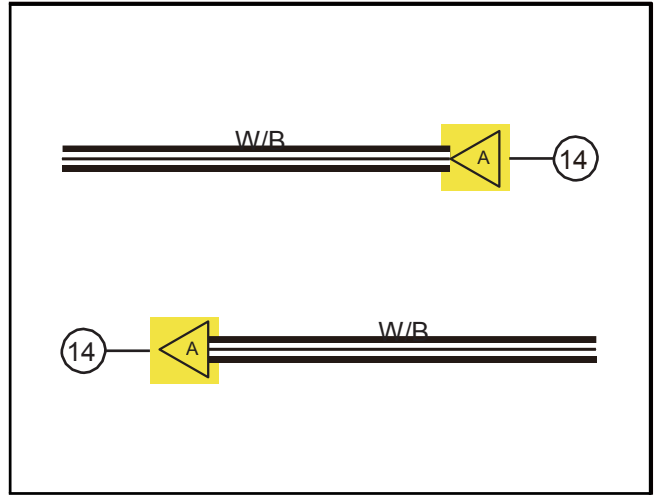
11 The fuse numbering is made up of fuse code and serial number, the fuse code which locates in engine compartment is EF, interior fuse code is IF. For fuse numbering, please refer to fuse list.

12 The relay numbering is marked by single English letter. Please refer to relay list.

13 If relevant circuit design is different due to vehicle model、engine type or configuration, the different part will be marked by hidden line and instructed on the circuit side.

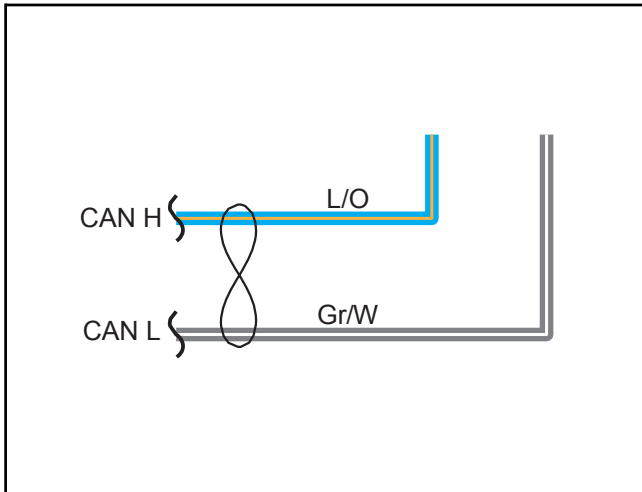


14 If the content of a system is pretty much and the circuit needs to be expressed by many pages, the starting point of circuit is represented by  the destination point of circuit is represented by  if one circuit in a diagram shifts to next page, it should be represented by letter B or C accordingly, and so forth.

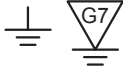
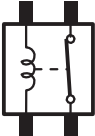
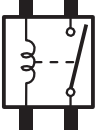
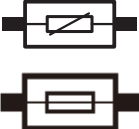
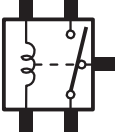
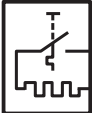
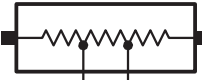
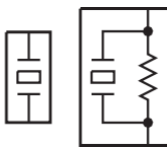
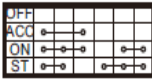


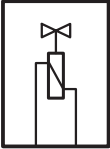
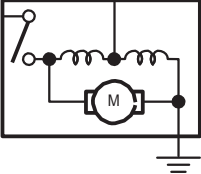
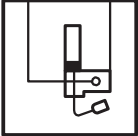
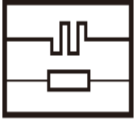
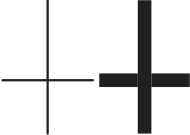
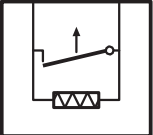
15 Terminal designation

If 8-shaped identification is marked between circuit wires, it represents that the circuit is twisted pair, which is mainly used for signal circuit of sensors or data communication circuit.

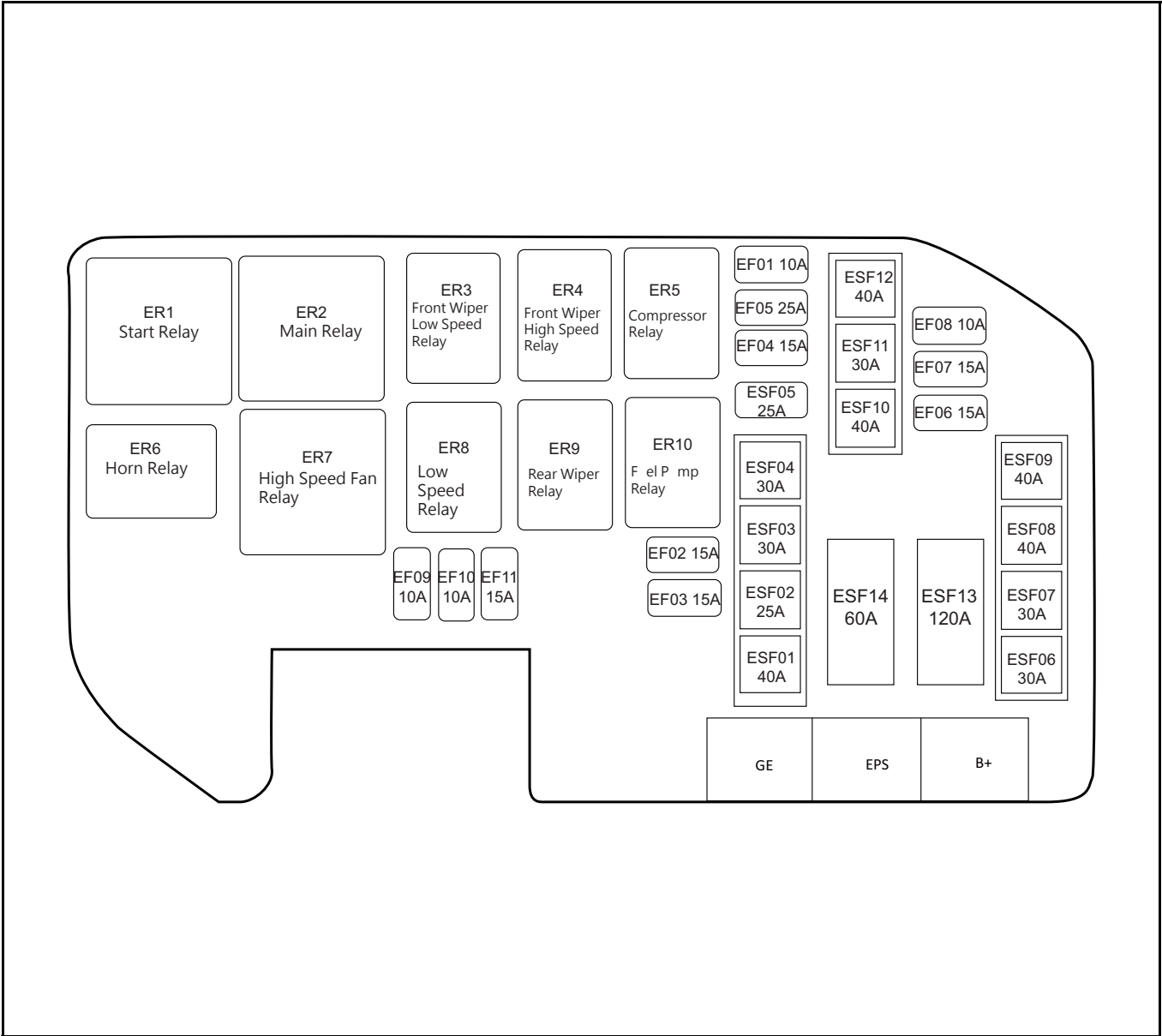


Icon Symbols

	Grounding		Normally Closed Relay		Storage Battery
	Temperature Sensor		Normally Closed Relay		Capacitance
	Short-Circuit Plate		Double Throw Relay		Cigarette Lighter
	Solenoid Valve		Resistance		Antenna
	Low-loaded Fuse		Potentiometer		Normally Open Switch
	Medium-loaded Fuse		Variable Resistor		Normally Closed Switch
	Heavy-loaded Fuse		Ignition Switch		Double Throw Switch
	Heater		Knock Sensor		Ignition Switch

	Diode		Bulb		Twisted-Pair
	Photodiode		Solenoid Valve		Starter
	Light-Emitting Diode		Horn		SRS Pretensioner
	Motor		Clock Spring		Oxygen Sensor
	Limit Switch		Crossed Circuit without Connection		Crossed Circuit with Connection
	SRS				

Front sight of front cabin Electrical Box (-19C、19E、 19G)



List of Front Cabin Electrical Box Fuse

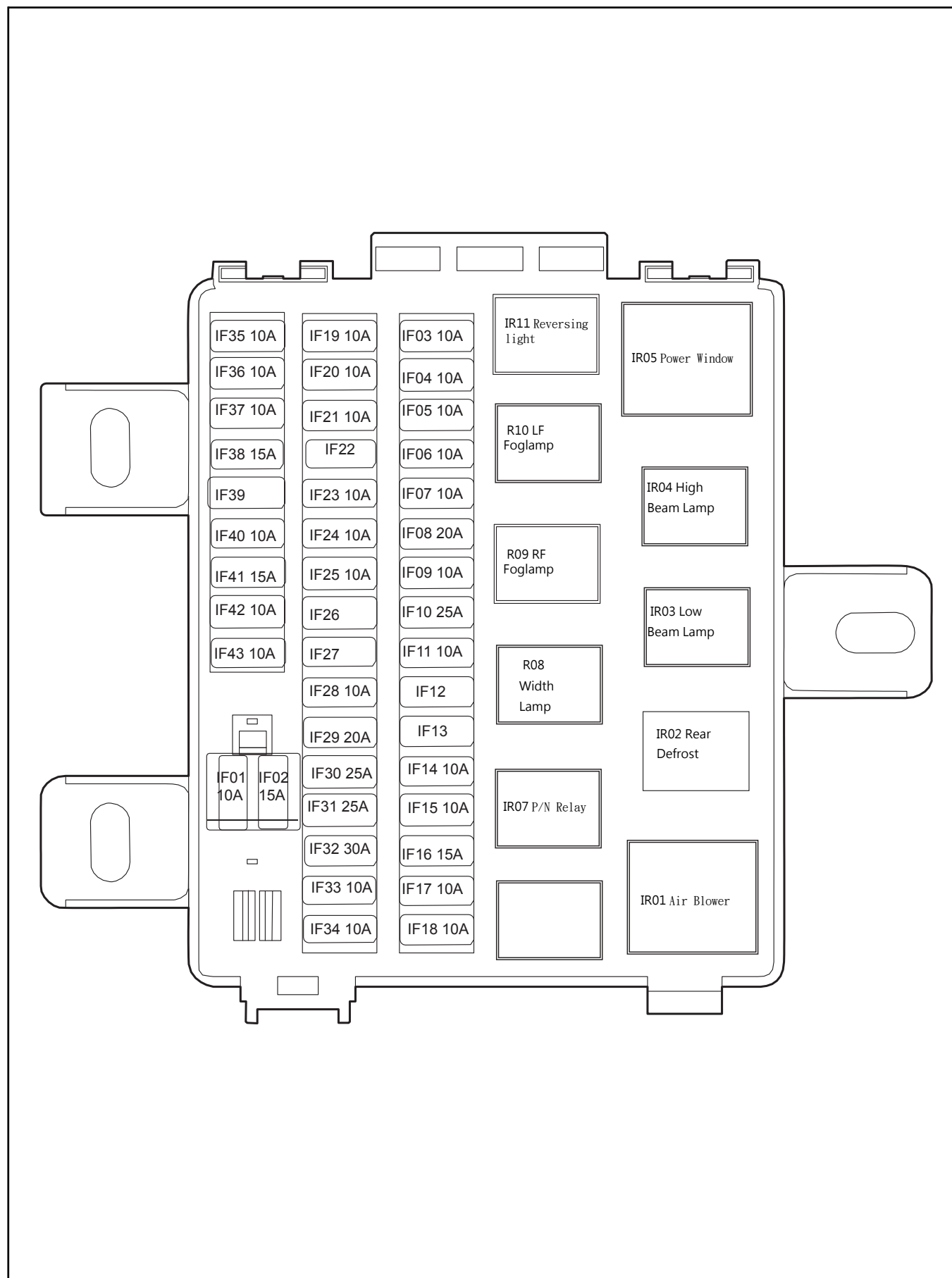
No.	Designation	Rated Current (Amper)	Instruction
EF01	TCU Fuse	10A	H Model
EF02	IRC1 Fuse	15A	/
EF03	IRC2 Fuse	15A	/
EF04	Compressor Fuse	15A	/
EF05	Front wiper Fuse	25A	/
EF06	Horn Fuse	10A	/
EF07	Fuel Pump Fuse	15A	/
EF08	EMS Fuse	10A	/
EF09	IRC3 Fuse	10A	Spare
EF10	/	15A	Spare
EF11	/	15A	Spare
ESF01	ABS Fuse	40A	/
ESF02	ESP Fuse	25A	Equipped with ESP Model
ESF03	Power Window Fuse	30A	/
ESF04	Air Blower Fuse	30A	/
ESF05	Roof Window Fuse	25A	/
ESF06	N/C Fuse	30A	/
ESF07	IGN2 Fuse	30A	/
ESF08	BAT1 Fuse	30A	/
ESF09	BAT2 Fuse	40A	/
ESF10	Main Relay Fuse	10A	/
ESF11	Cooling Fan Fuse	40A	/
ESF12	Distance Light Fuse	30A	/
ESF13	Generator Fuse	120A	/
ESF14	EPS Fuse	60A	/

List of Engine Compartment Relay

No.	Designation	Instruction
ER01	Start Relay	/
ER02	Main Relay	/
ER03	Front wiper Low Relay	/
ER04	Front wiper High Relay	
ER05	Compressor Relay	/
ER06	Horn Relay	/
ER07	High Speed Fan Relay	/
ER08	Low Speed Fan Relay	/
ER09	Rear Wiper Relay	/
ER10	Fuel Pump Relay	/

3.2 Cockpit Electrical Box

Frontal View of Cockpit Electrical Box -19C, 19E, 19G



List of Cockpit Electrical Box Fuse

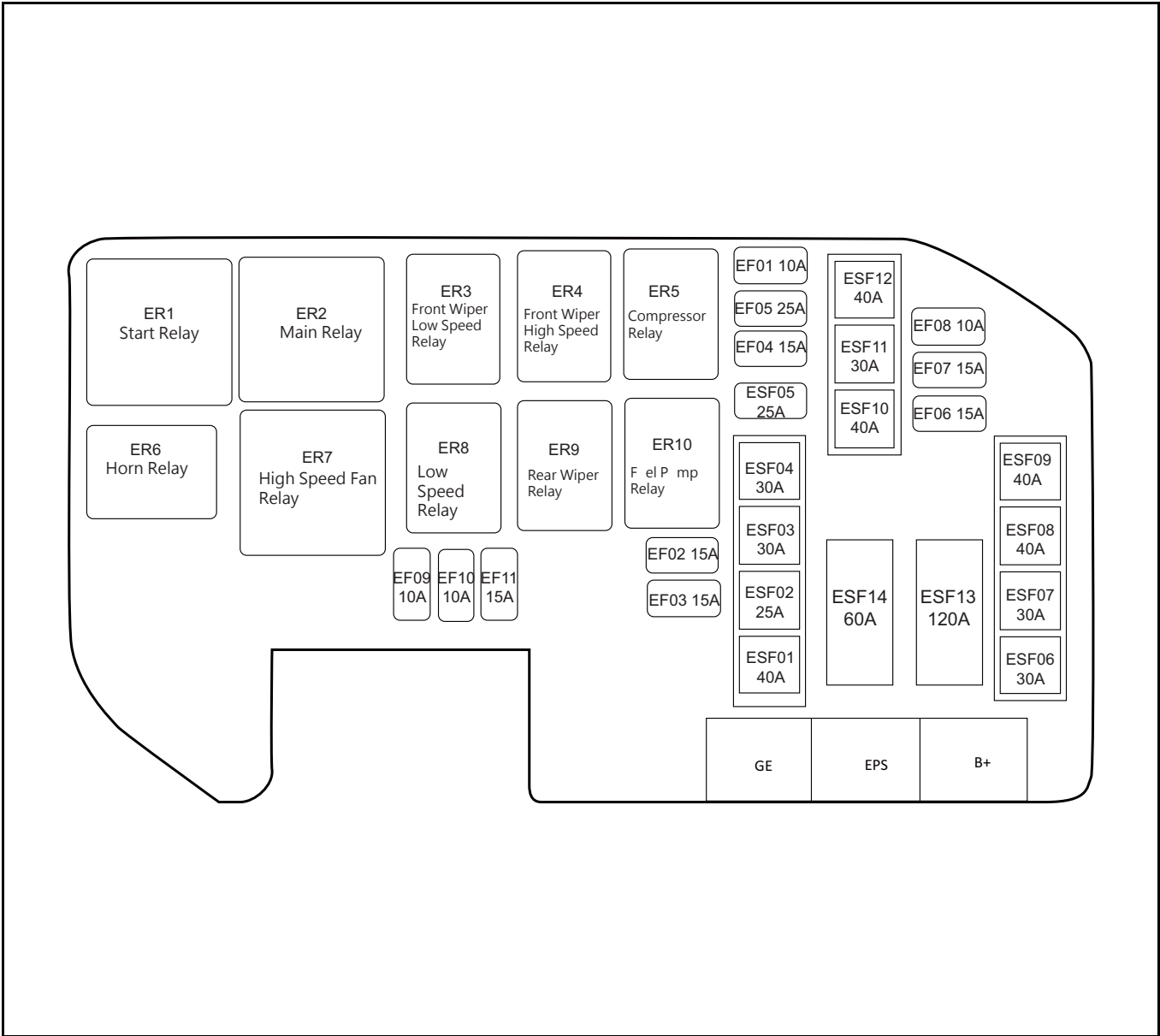
No.	Designation	Rated Current	Instruction
IF01	AC nstr ment F se	10A	/
IF02	Acoustics Fuse	15A	/
IF03	Roof light Fuse	10A	/
IF04	Left Clearance Lamp	10A	/
IF05	Right Clearance Lamp	10A	/
IF06	Power saving relay fuse	10A	/
IF07	MMO PEPS Fuse	10A	/
IF08	Door Lock Fuse	20A	/
IF09	OBD Fuse	10A	/
IF10	Rear Defrost Fuse	20A	/
IF11	CBB Fuse	10A	/
IF12	Recorder Fuse	15A	/
IF13	/	/	/
IF14	Left Low Beam Lamp Fuse	10A	/
IF15	Right Low Beam Lamp Fuse	10A	/
IF16	High Beam Lamp Fuse	15A	/
IF17	LF Fog lamp Fuse	10A	/
IF18	RF Fog lamp Fuse	10A	/
IF19	IG1 Fuse	10A	/
IF20	Reverse Radar Fuse	10A	/
IF21	BCM Fuse	10A	/
IF22	AC Fuse	10A	/
IF23	ABS Fuse	10A	/
IF24	EMS Fuse	10A	/
IF25	AC Fuse	10A	/
IF26	/	10A	/
IF27	SDM Fuse	10A	/
IF28	AP Fuse	10A	/
IF29	APM Fuse	20A	/
IF30	Left Power Window Fuse	25A	/
IF31	Right Power Window Fuse	25A	/
IF32	Defrost Fuse	30A	/
IF33	RMH fuse	10A	/
IF34	PET Fuse	10A	/
IF35	Washer Fuse	10A	/
IF36	IG2 Fuse	10A	/
IF37	Relay Fuse	10A	/

No.	Designation	Rated Current (Amper)	Instruction
IF38	Rear Frog Lamp Fuse	15A	/
IF39	N/C Fuse	15A	/
IF40	Acoustics Fuse	10A	/
IF41	Vehicle Power Fuse	15A	/
IF42	ACC Fuse	10A	/
IF43	Start Signal Fuse	10A	/

List of Interior Relay

No.	Designation	Instruction
IR01	Air Blower Relay	/
IR02	Rear Defrost Relay	/
IR03	Low Beam Lamp Relay	/
IR04	High Beam Lamp Relay	/
IR05	Power Window Relay	/
IR06		/
IR07	P/N Relay	/
IR08	Clearance Lamp Relay	/
IR09	Rear Frog Lamp Relay	/
IR10	Front Frog Lamp Relay	/
IR11	Reverse Relay	/

Front sight of front cabin Electrical Box -19D、 19F



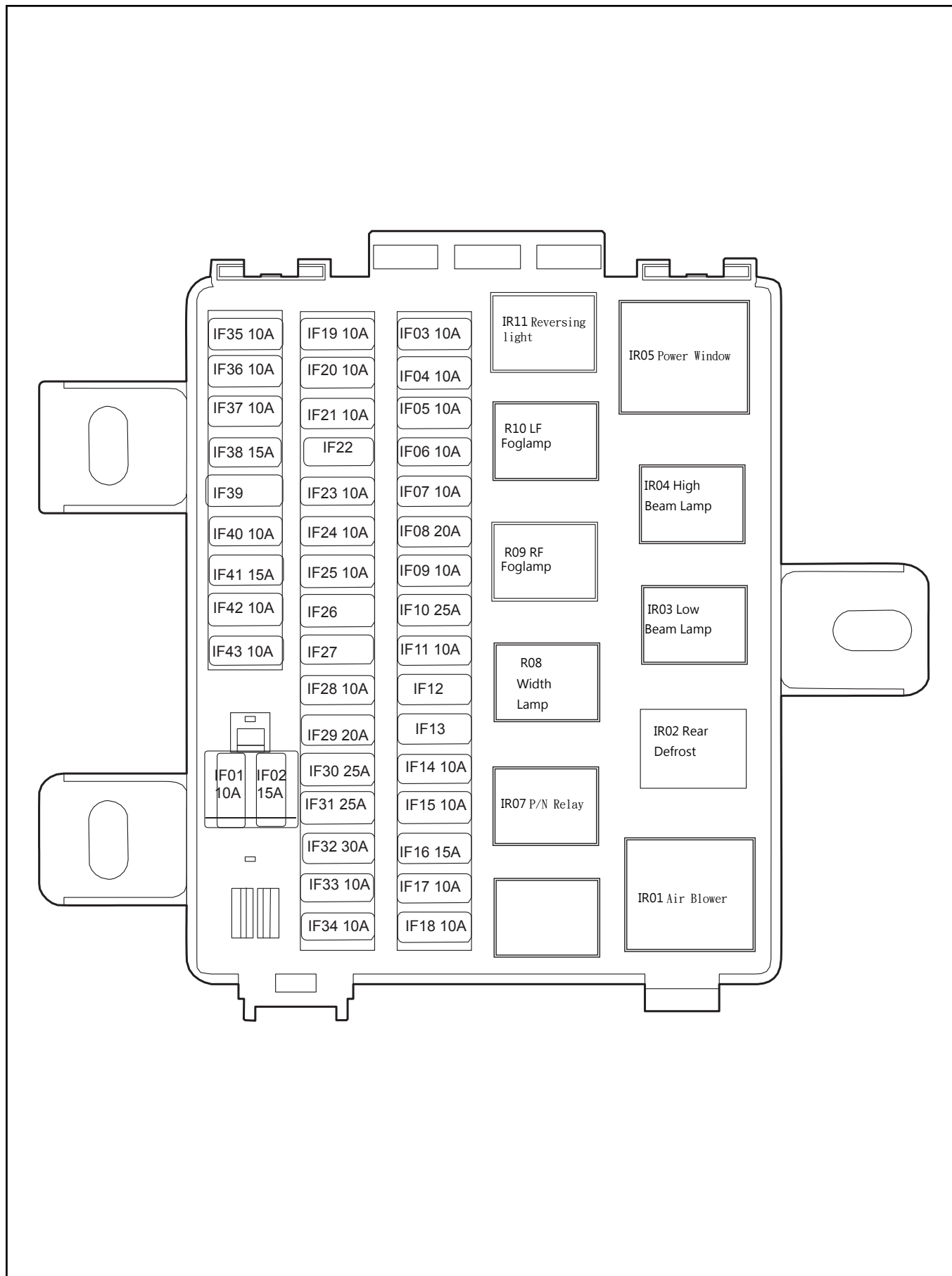
List of Front Cabin Electrical Box Fuse

No.	Designation	Rated Current (Amper)	Instruction
EF01	TCU Fuse	10A	H Model
EF02	IRC1 Fuse	15A	/
EF03	IRC2 Fuse	15A	/
EF04	Compressor Fuse	15A	/
EF05	Front wiper Fuse	25A	/
EF06	Horn Fuse	10A	/
EF07	Fuel Pump Fuse	15A	/
EF08	EMS Fuse	10A	/
EF09	IRC3 Fuse	10A	Spare
EF10	/	15A	Spare
EF11	/	15A	Spare
ESF01	ABS Fuse	40A	/
ESF02	ESP Fuse	25A	Equipped with ESP Model
ESF03	Power Window Fuse	30A	/
ESF04	Air Blower Fuse	30A	/
ESF05	Roof Window Fuse	25A	/
ESF06	N/C Fuse	30A	/
ESF07	IGN2 Fuse	30A	/
ESF08	BAT1 Fuse	30A	/
ESF09	BAT2 Fuse	40A	/
ESF10	Main Relay Fuse	10A	/
ESF11	Cooling Fan Fuse	40A	/
ESF12	Distance Light Fuse	30A	/
ESF13	Generator Fuse	120A	/
ESF14	EPS Fuse	60A	/

List of Engine Compartment Relay

No.	Designation	Instruction
ER01	Start Relay	/
ER02	Main Relay	/
ER03	Front wiper Low Relay	/
ER04	Front wiper High Relay	
ER05	Compressor Relay	/
ER06	Horn Relay	/
ER07	High Speed Fan Relay	/
ER08	Low Speed Fan Relay	/
ER09	Rear Wiper Relay	/
ER10	Fuel Pump Relay	/

Frontal View of Cockpit Electrical Box -19C, 19E, 19G



List of Cockpit Electrical Box Fuse

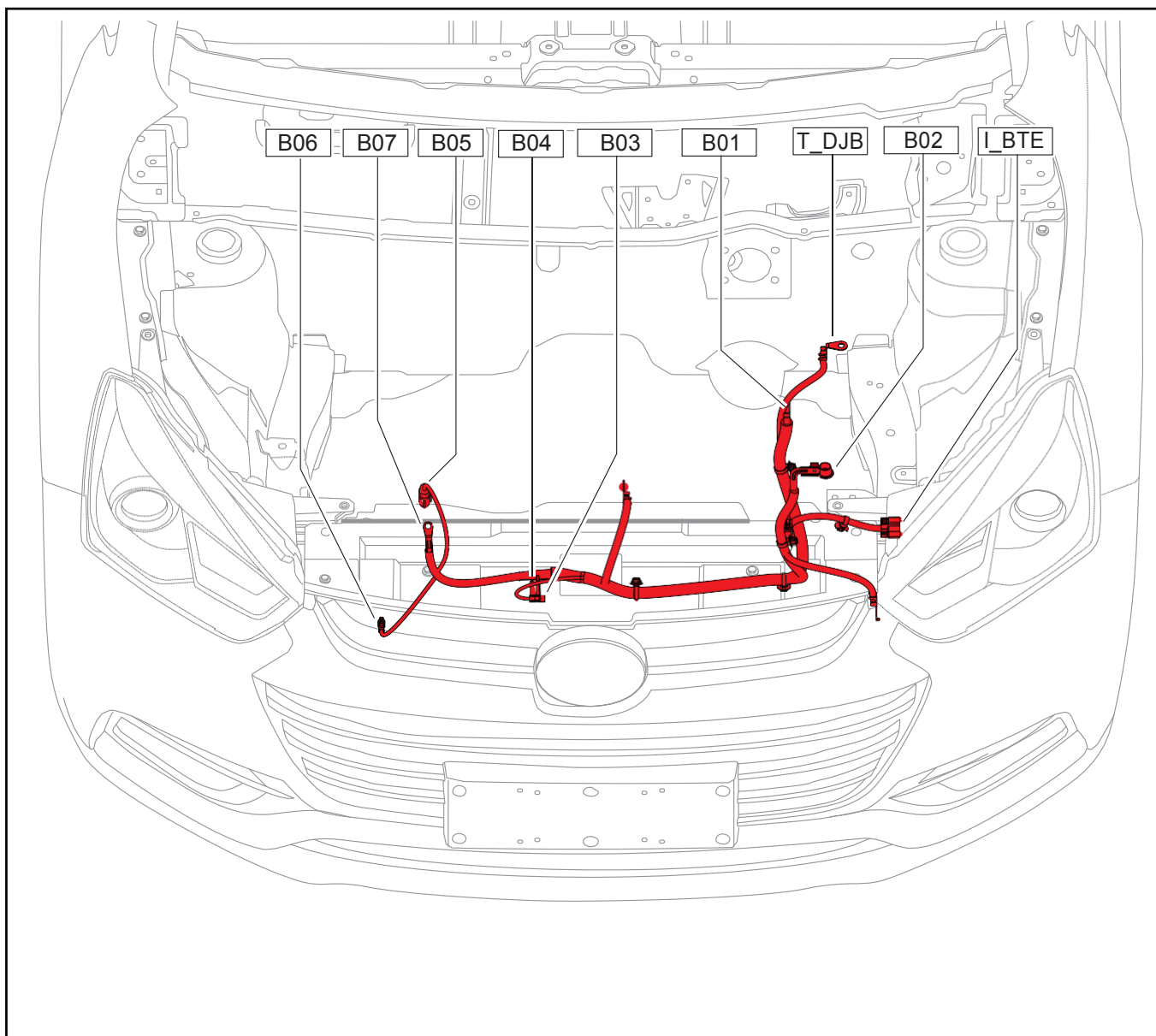
No.	Designation	Rated Current	Instruction
IF01	AC nstr ment F se	10A	/
IF02	Acoustics Fuse	15A	/
IF03	Roof light Fuse	10A	/
IF04	Left Clearance Lamp	10A	/
IF05	Right Clearance Lamp	10A	/
IF06	Power saving relay fuse	10A	/
IF07	MMO PEPS Fuse	10A	/
IF08	Door Lock Fuse	20A	/
IF09	OBD Fuse	10A	/
IF10	Rear Defrost Fuse	20A	/
IF11	CBB Fuse	10A	/
IF12	Recorder Fuse	15A	/
IF13	/	/	/
IF14	Left Low Beam Lamp Fuse	10A	/
IF15	Right Low Beam Lamp Fuse	10A	/
IF16	High Beam Lamp Fuse	15A	/
IF17	LF Fog lamp Fuse	10A	/
IF18	RF Fog lamp Fuse	10A	/
IF19	IG1 Fuse	10A	/
IF20	Reverse Radar Fuse	10A	/
IF21	BCM Fuse	10A	/
IF22	AC Fuse	10A	/
IF23	ABS Fuse	10A	/
IF24	EMS Fuse	10A	/
IF25	AC Fuse	10A	/
IF26	/	10A	/
IF27	SDM Fuse	10A	/
IF28	AP Fuse	10A	/
IF29	APM Fuse	20A	/
IF30	Left Power Window Fuse	25A	/
IF31	Right Power Window Fuse	25A	/
IF32	Defrost Fuse	30A	/
IF33	RMH fuse	10A	/
IF34	PET Fuse	10A	/
IF35	Washer Fuse	10A	/
IF36	IG2 Fuse	10A	/
IF37	Relay Fuse	10A	/

No.	Designation	Rated Current (Amper)	Instruction
IF38	Rear Frog Lamp Fuse	15A	/
IF39	N/C Fuse	15A	/
IF40	Acoustics Fuse	10A	/
IF41	Vehicle Power Fuse	15A	/
IF42	ACC Fuse	10A	/
IF43	Start Signal Fuse	10A	/

List of Interior Relay

No.	Designation	Instruction
IR01	Air Blower Relay	/
IR02	Rear Defrost Relay	/
IR03	Low Beam Lamp Relay	/
IR04	High Beam Lamp Relay	/
IR05	Power Window Relay	/
IR06		/
IR07	P/N Relay	/
IR08	Clearance Lamp Relay	/
IR09	Rear Frog Lamp Relay	/
IR10	Front Frog Lamp Relay	/
IR11	Reverse Relay	/

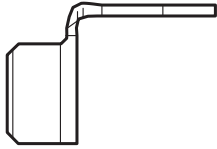
Power Supply Harness



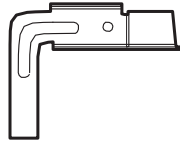
Harness Connector	Designation	Harness Connector	Designation
B01	Harness Connector of Battery Terminal Positive	B06	Harness Connector of A/C Compressor
B02	Harness Connector of Battery Terminal Negative	B07	T_ Generator B+ Harness Connector
B03	Harness Connector of Starter Excitation	B08	Connecting with Harness Connector of Exterior Electric Box
B04	Starter B+ Harness Connector	T-EJB	EJB Connecting to Starter Harness
B05	Harness Connector of Generator Excitation	I-BTE	Power Supply Harness Connecting With Engine Harness

Terminal Diagram of Power Supply Harness Connector

B01 Harness Connector of
Battery Terminal Positive



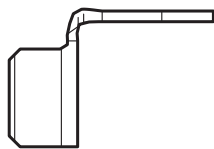
B02 Harness Connector of
Battery Terminal Negative



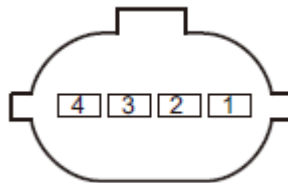
B03 Harness Connector of
Starter Excitation



B04 Harness Connector of
Starter B+



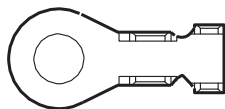
B05 Harness Connector of
Generator Excitation



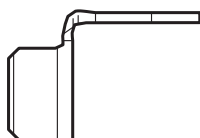
B06 Harness Connector of
A/C Compresspr



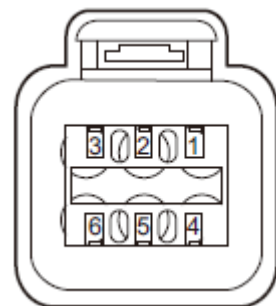
B07 T_ Harness Connector
of Starter B+



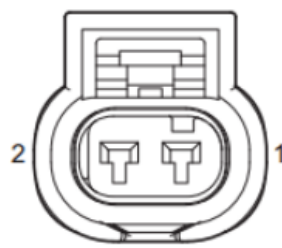
T_EJB EJB Connecting with
Generator



I_BTE Harness Connector of
Engine

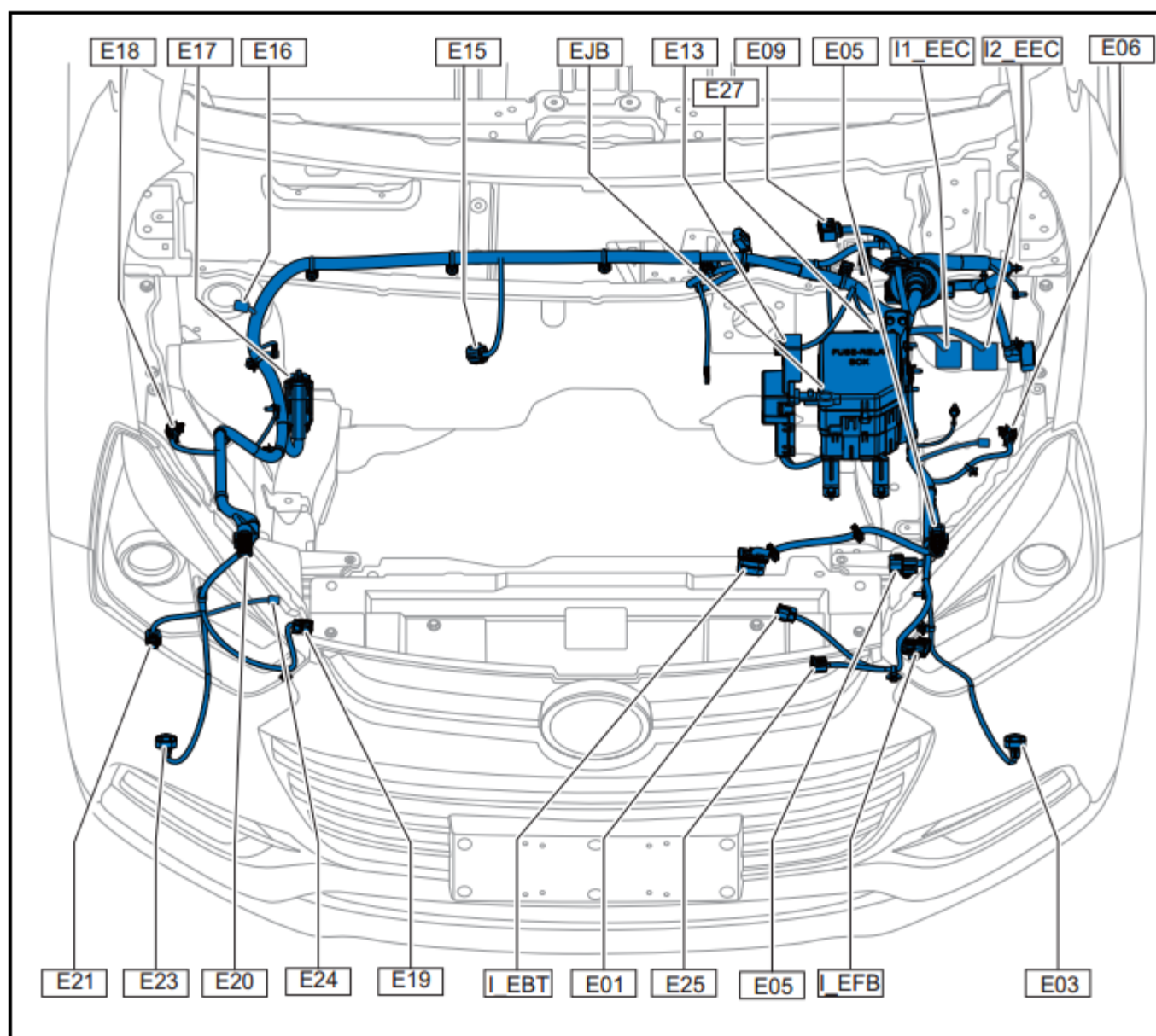


B08 Battery EBS Connector

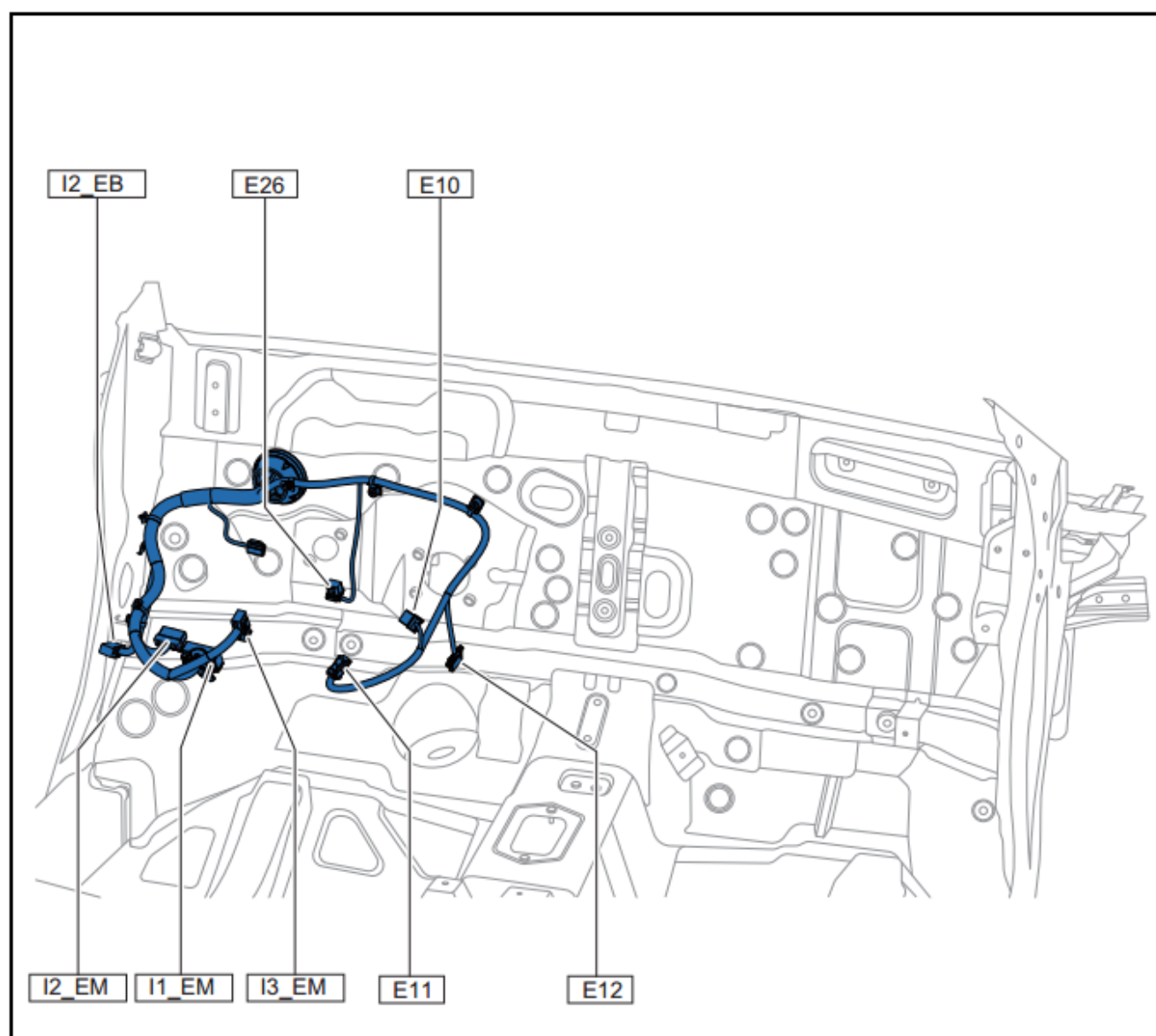


Match 1.6DVVT+CVT

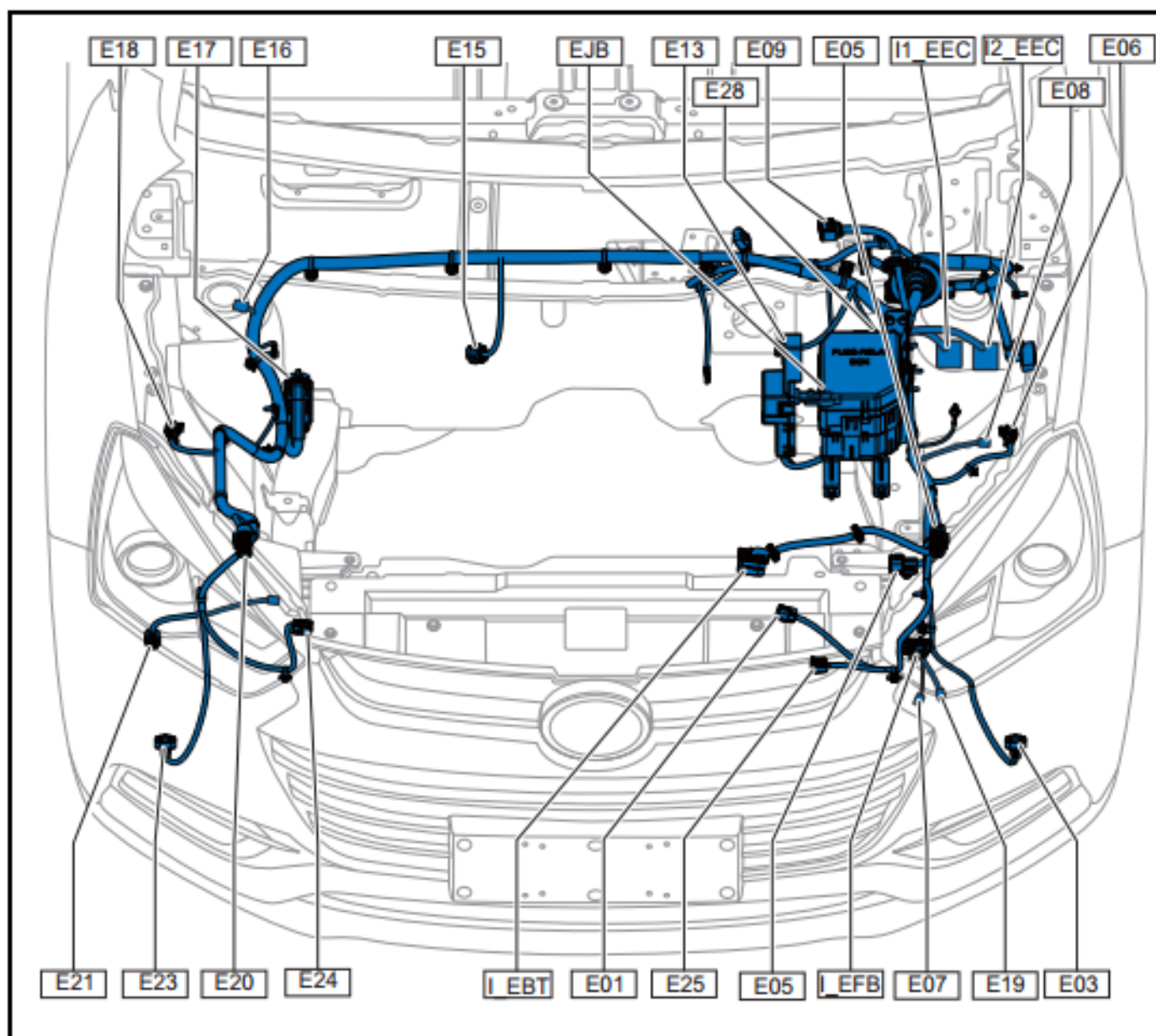
Layout Diagram of Engine Harness-MT



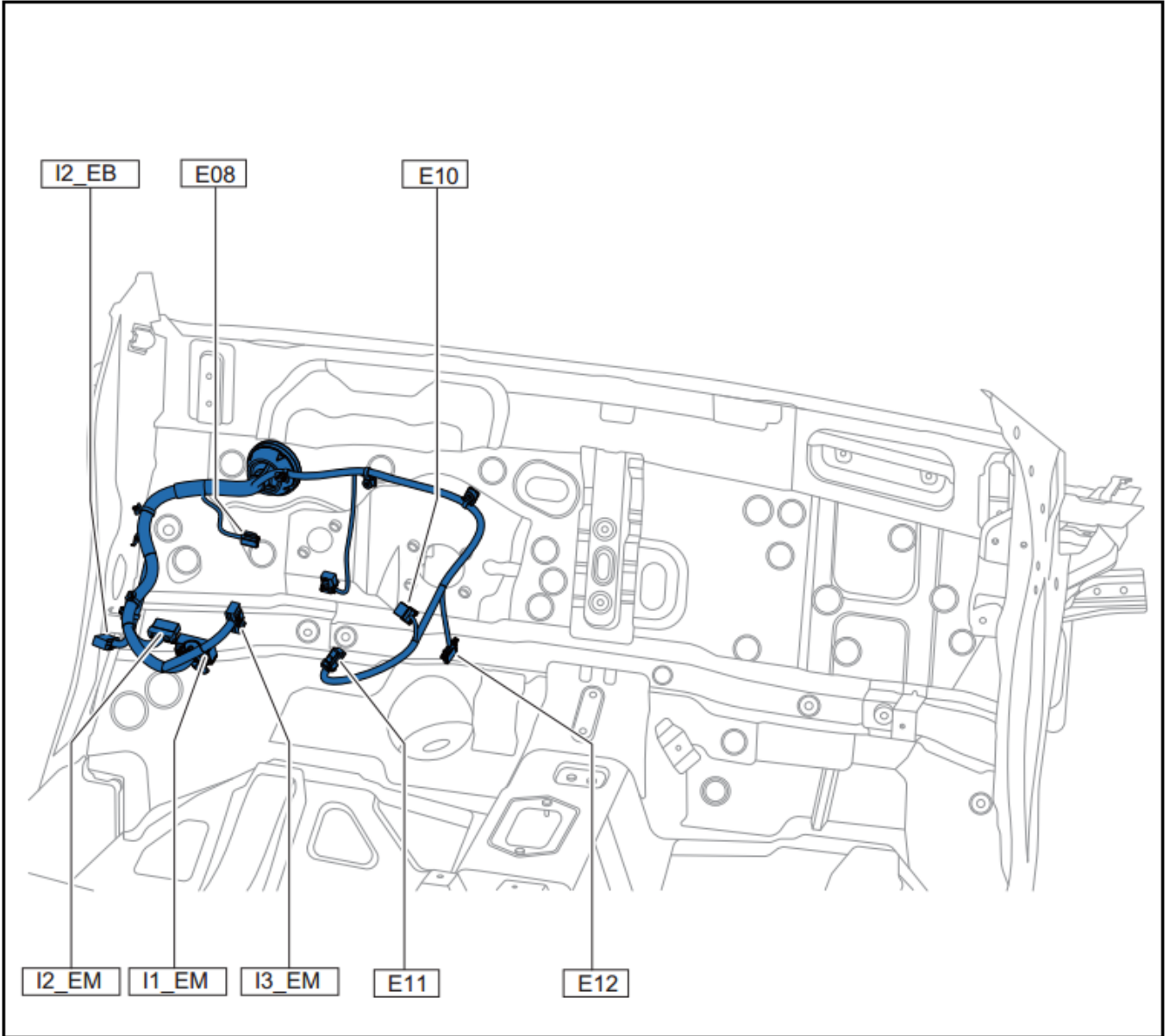
Layout Diagram of Engine Harness (MT Continued)



Layout Diagram of Engine Harness-CVT



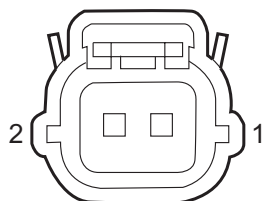
Layout Diagram of Engine Harness-CVT Continued



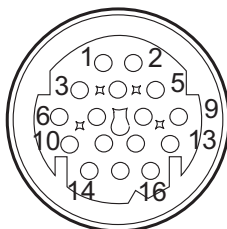
Harness Connector	Designation	Harness Connector	Designation
E01	Harness Connector of Electrical Horn	E20	RF Combination Light
E02	Transmission Operating System	E21	Washing Motor
E03	LF Fog light	E23	RF Fog Light
E05	LF Combination Light	E24	Low horn
E06	ABS LF Wheel Speed Sensor	E25	Ambient Temperature Sensor
E07	Engine Hood Switch Connector	E26	Clutch Pedal Switch 1 Connector
E08	TCU	E27	Clutch Pedal Switch Connector
E09	Front Wiper Motor	E28	Braking Vacuum Degree Sensor Connector
E10	EPS Power Supply	EJB	Front Cabin Electrical Box
E11	Brake Pedal Switch	I1-EEC	Engine Harness to Control Harness I
E12	Acceleration Pedal Position Sensor	I2-EEC	Engine Harness to Control Harness II
E13	Braking Fluid Position Sensor	I-EBT	Engine Harness to Power Supply Harness
E15	AC Pressure Switch	I-EFB	Engine Harness to Front Radar
E16	CAN Breaker 3	II-EM	Engine Harness to Main Harness I
E17	ABS module	I2-EB	Engine Harness to Body Harness II
E18	ABS RF Wheel Speed Sensor	I2-EM	Engine Harness to Main Harness II
E19	Radiator Fan 1.5L	I3-EM	Engine Harness to Main Harness III

Connector Terminal Of Engine Diagram

E01 Harness Connector of Electrical Horn

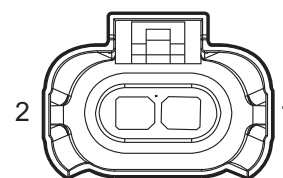


E02 Connector of Transmission Operating System

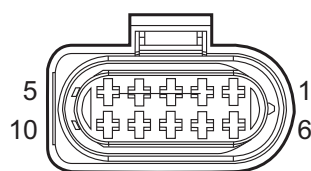


1.5VVT+CVT

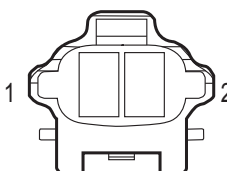
E03 Connect of Left Front Fog lamp



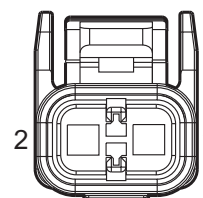
E05 Connector of LF Combination Lamp



E06 Connector of ABS LF Wheel Speed Sensor

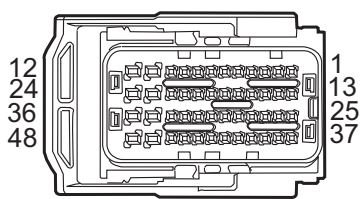


E07 Engine Hood Switch Connector



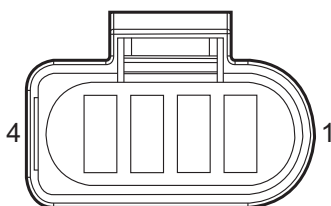
1.5DVVT+MT
1.6DVVT+CVT

E08 TCU Connector

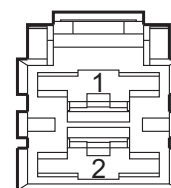


1.5VVT+CVT

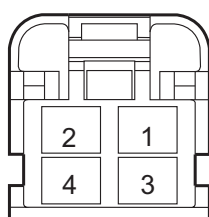
E09 Connector of Front Wiper Motor



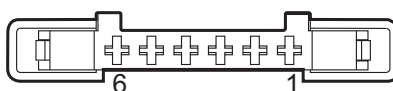
E10 Connector of EPS Power Supply



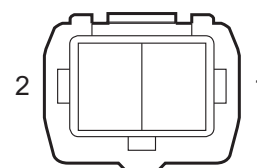
E11 Connector of Brake Pedal Switch



E12 Connector of Acceleration Pedal Position Sensor

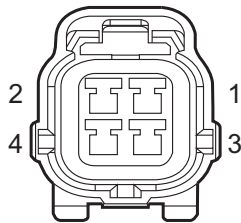


E13 Connector of Braking Fluid Position Sensor

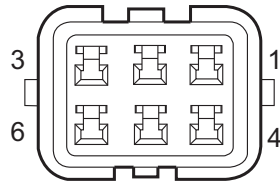


Connector Terminal Of Engine Diagram-Continued 1

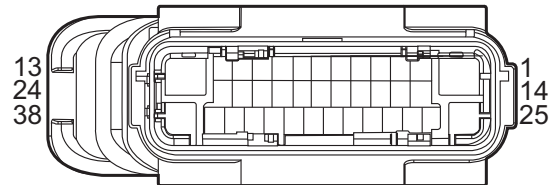
E15 Connector of
AC Pressure Switch



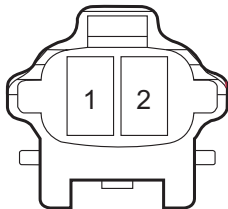
E16 CAN Breaker 3



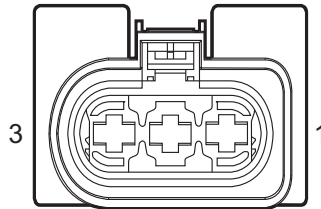
E17 Connector of ABS module



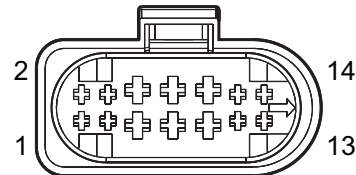
E18 Connector of ABS
RF Wheel Speed Sensor



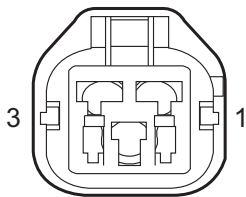
E19 Connector of
Radiator Fan 1.5L



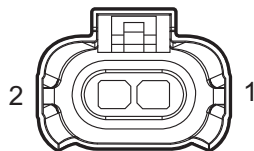
E20 Connector of
RF Combination
Light



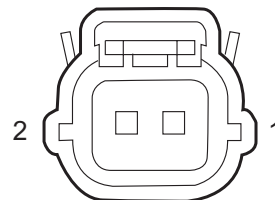
E21 Connector
of Washing Motor



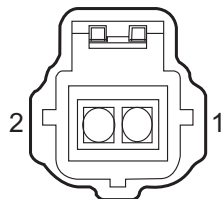
E23 Connector of RF Fog Light



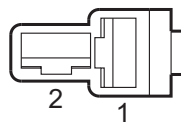
E24 Connector of
Low Electrical horn



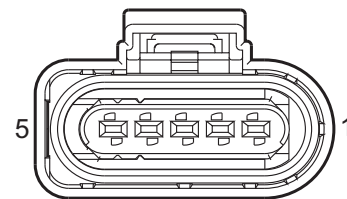
E25 Ambient Temperature
Sensor



E26 Connector of Clutch
Pedal Switch 1 Connector



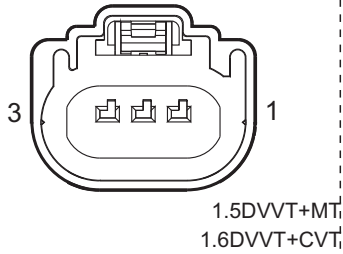
E27 Connector of Clutch
Pedal Switch Connector



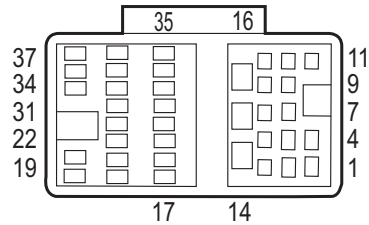
MT

Connector Terminal Of Engine Diagram-Continued 2

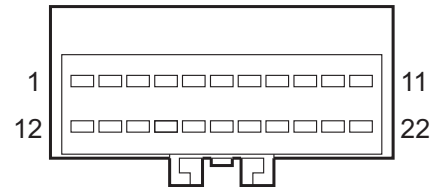
E28 Connector of Braking
Vacuum Degree Sensor
Connector



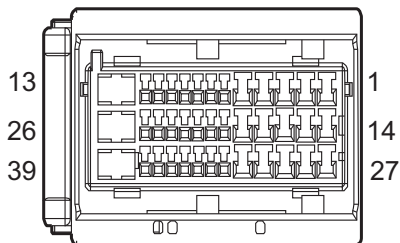
I1_EEC Engine Harness to
Control Harness I



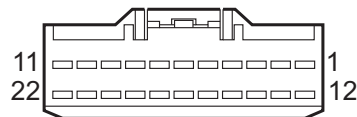
I2_EEC Engine Harness to Control
Harness II



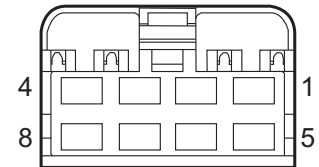
I1_EM Engine Harness to
Main Harness I



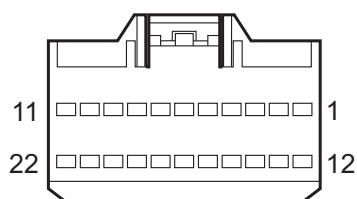
I2-EB Engine Harness to
Body Harness II



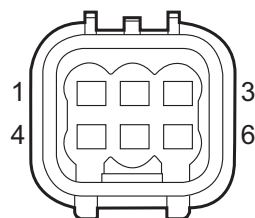
I2_EM Engine Harness to Main
Harness II



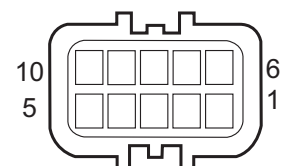
I3_EM Engine Harness to
Main Harness III



I-EBT Connector of Engine
Harness to Power Supply
Harness



I_EFB Connector of Engine
Harness to Front Radar



Engine Control Harness Layout Diagram(1.5DVVT+5MT)

Connector	Name	Connector	Name
A2	Harness Connector of Ignition Coil 1	A18	Connector of Fuel Injector 3
A3	Harness Connector of Ignition Coil 2	A19	Connector of Fuel Injector 2
A4	Harness Connector of Ignition Coil 3	A20	Connector of Fuel Injector 1
A5	Harness Connector of Ignition Coil 4	A21	Connector of Air Intake of OC Valve
A6	Connector of Front Oxygen Sensor	A22	Connector of Air Outlet of OC Valve
A7	Connector of Canister Solenoid	A23	Air Outlet of Camshaft Position Sensor
A8	Connector of Coolant Temperature Sensor	A24	ECU-E
A11	Connector of Absolute Temperature Sensor	A25	ECU-C
A12	Connector of Oil Pressure Switch	A26	Connector of EGR Valve
A13	Connector of Hall Sensor Crankshaft	A27	Connector of Reversing Light
A14	Connector of Throttle Valve	A29	Connector of Water Valve
A15	Connector of Knock Sensor	I1-CEE	Connector of Engine Control Harness
A16	Air Intake of Camshaft Position Sensor	I2-CEE	Connector of Engine Control Harness
A17	Connector of Fuel Injector 4	G 25	ND

Engine Control Harness Layout Diagram(1.6DVVT+CVT)

Connector	Name	Connector	Name
A1	Connector of Fuel Injector 4	A17	
A2	Connector of Fuel Injector 3	A18	Connector of Absolute Temperature Sensor
A3	Connector of Fuel Injector 2	A19	Connector of EGR Valve
A4	Connector of Fuel Injector 1	A20	Connector of Knock Sensor
A5	Connector of Air Intake of OC Valve	A21	Air Outlet of Camshaft Position Sensor
A7	Connector of Air Outlet of OC Valve	A22	Connector of Canister Solenoid
A8	Harness Connector of Ignition Coil 1	A23	Connector of Front Oxygen Sensor
A9	Harness Connector of Ignition Coil 2	A24	Connector of Coolant Temperature Sensor
A10	Harness Connector of Ignition Coil 3	A28	ECU-E
A11	Harness Connector of Ignition Coil 4	A29	ECU-C
A12	Air Intake of Camshaft Position Sensor	I1-CEE	Connector of Engine Control Harness
A13	Connector of Throttle Valve	I2-CEE	Connector of Engine Control Harness
A15	Connector of Water Valve	G 25	ND
A16	Connector of Hall Sensor Crankshaft		

Engine Control Harness Layout Diagram(1.5DVVT+5MT)

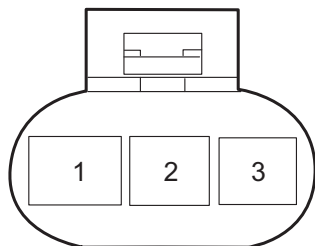
Connector	Name	Connector	Name
A3	Connector of Throttle valve	A16	Harness Connector of Ignition Coil 3
A4	Connector of Absolute Temperature Sensor	A17	Harness Connector of Ignition Coil 4
A5	Connector of Canister Solenoid	A18	Connector of Knock Sensor
A6	Connector of Coolant Temperature Sensor	A19	Connector of Hall Sensor Crankshaft
A7	Connector of Front Oxygen Sensor	A20	Connector of Oil Pressure Switch
A9	Connector of OC valve	A21	Connector of Crankshaft Position Sensor
A10	Connector of Fuel Injector 1	A22	Connector of EC
A11	Connector of Fuel Injector 2	A24	Connector of Reversing Radar
A12	Connector of Fuel Injector 3	I1-CEE	Connector of Engine Control Harness
A13	Connector of Fuel Injector 4	I2-CEE	Connector of Engine Control Harness
A14	Harness Connector of Ignition Coil 1	G 25	ND
A15	Harness Connector of Ignition Coil 2		

Engine Control Harness Layout Diagram(1.5VVT+CVT)

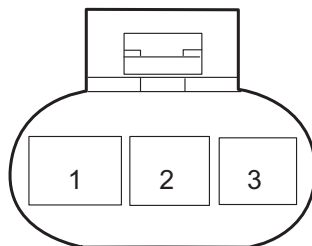
Connector	Name	Connector	Name
A3	Connector of Throttle valve	A16	Harness Connector of Ignition Coil 3
A4	Connector of Absolute Temperature Sensor	A17	Harness Connector of Ignition Coil 4
A5	Connector of Canister Solenoid	A18	Connector of Knock Sensor
A6	Connector of Coolant Temperature Sensor	A19	Connector of Hall Sensor Crankshaft
A7	Connector of Front Oxygen Sensor	A20	Connector of Oil Pressure Switch
A9	Connector of OC valve	A21	Connector of Crankshaft Position Sensor
A10	Connector of Fuel Injector 1	A22	Connector of EC
A11	Connector of Fuel Injector 2	A24	Connector of Reversing Radar
A12	Connector of Fuel Injector 3	I1-CEE	Connector of Engine Control Harness
A13	Connector of Fuel Injector 4	I2-CEE	Connector of Engine Control Harness
A14	Harness Connector of Ignition Coil 1	G 25	ND
A15	Harness Connector of Ignition Coil 2		

Engine Control Harness Terminal Layout Diagram(1.5DVVT+5MT)

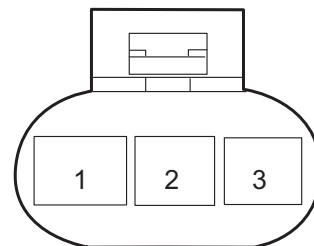
A2 Connector of Ignition Coil 1



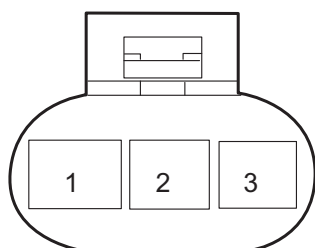
A3 Connector of Ignition Coil 2



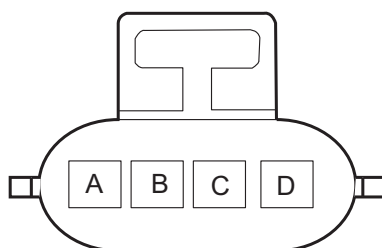
A4 Connector of Ignition Coil 3



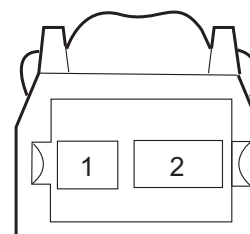
A5 Connector of Ignition Coil 4



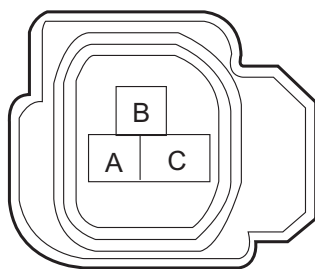
A6 Connector of Front Oxygen Sensor



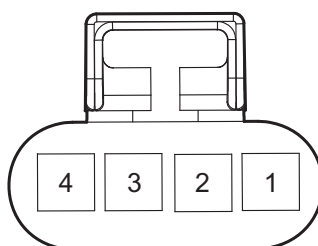
A7 Connector of Canister Solenoid



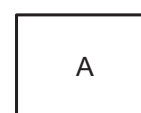
A8 Connector of Coolant Temperature Sensor



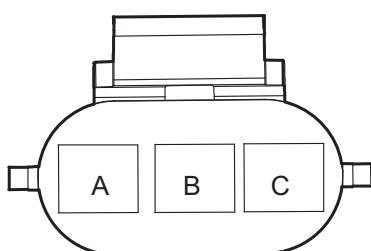
A11 Connector of Absolute Temp&pressure Sensor



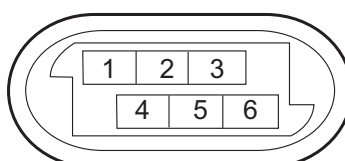
A12 Connector of Oil Pressure Switch



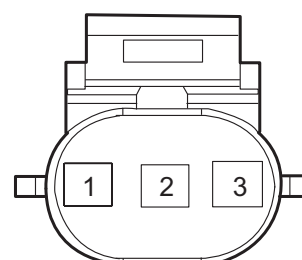
A13 Connector of Hall Sensor(Crankshaft)



A14 Connector of Throttle Valve

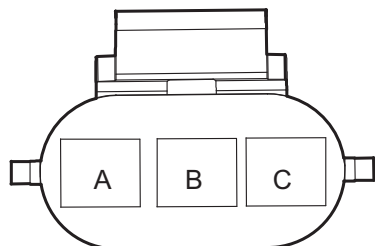


A15 Connector of Knock Sensor

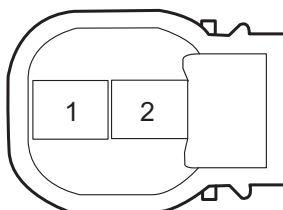


Engine Control Harness Terminal Layout Diagram(1.5DVVT+5MT)-Continued 1

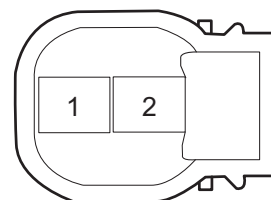
A16 Air Intake of Camshaft Position Sensor



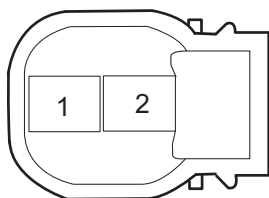
A17 Connector of Fuel Injector 4



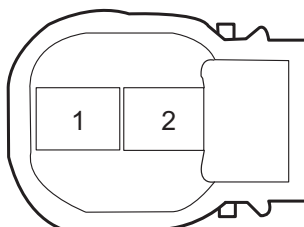
A18 Connector of Fuel Injector 3



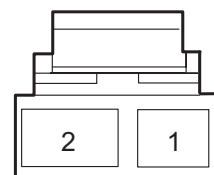
A19 Connector of Fuel Injector 2



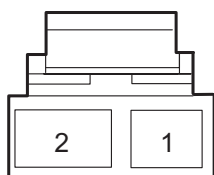
A20 Connector of Fuel Injector 1



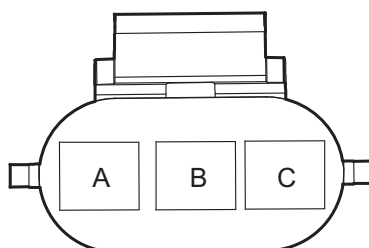
A21 Connector of Air Intake of OCV valve



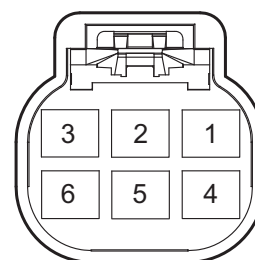
A22 Connector of Air Outlet of OCV valve



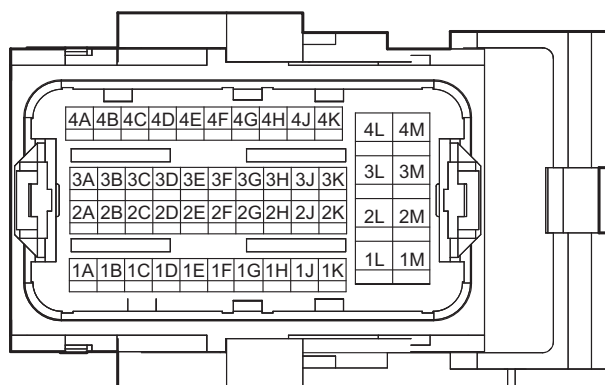
A23 Air Outlet of Camshaft Position Sensor



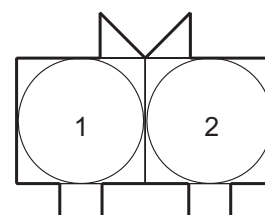
A26 EGR Valve



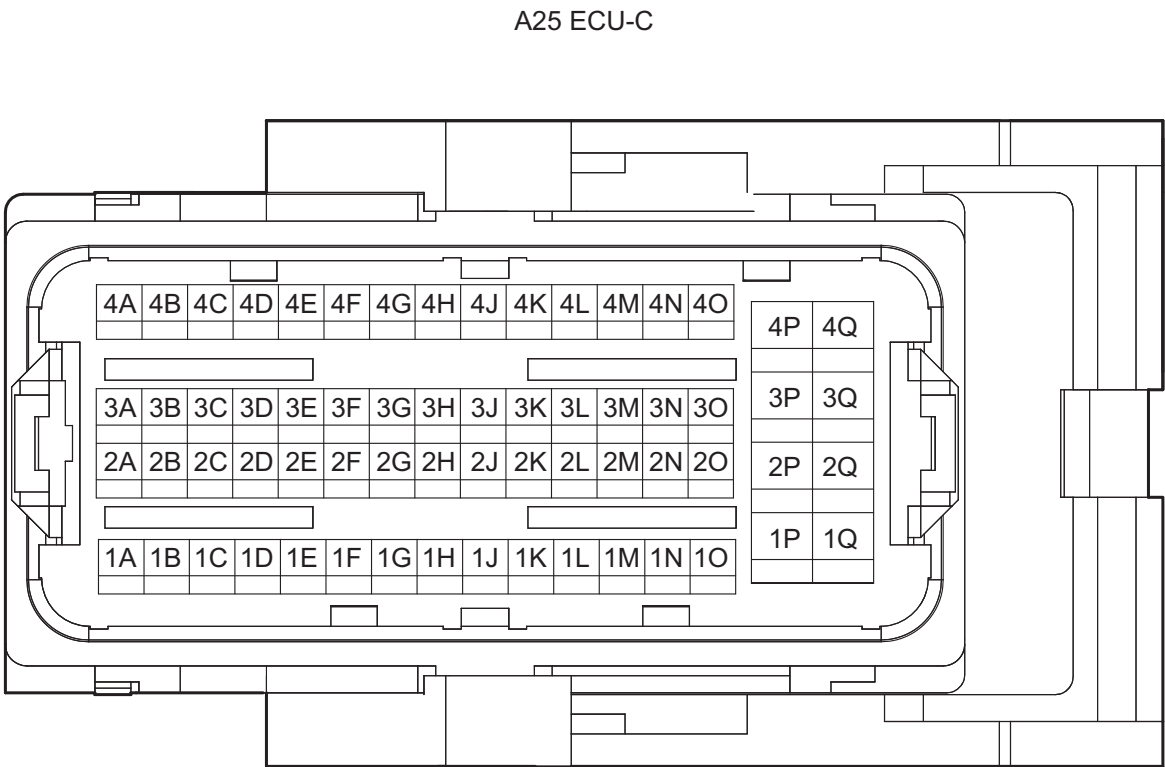
A24 ECU-E



A27 Connector of Reversing Light



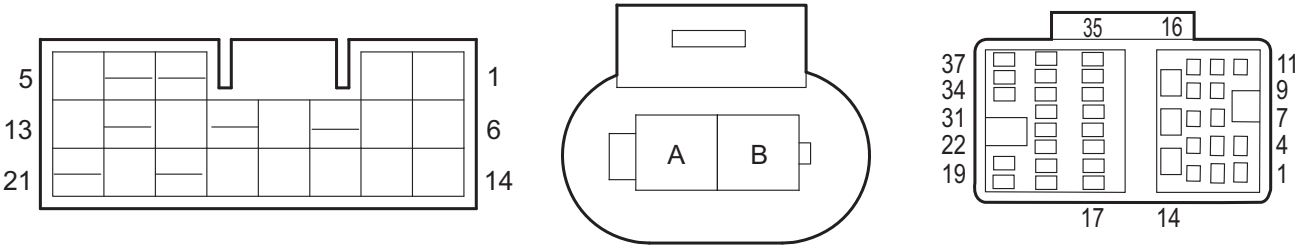
Engine Control Harness Terminal Layout Diagram(1.5DVVT+5MT)-Continued 2



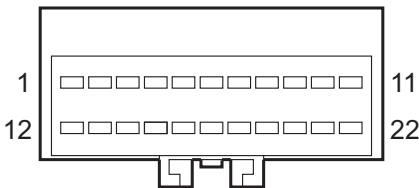
A28 Main Harness 3

A29 Connector of Water Valve

I1_CEE Connector of Engine Control Harness I

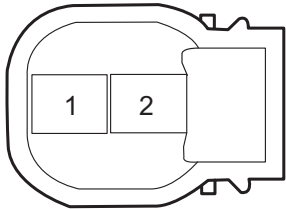


I2_CEE Connector of Engine Control Harness II

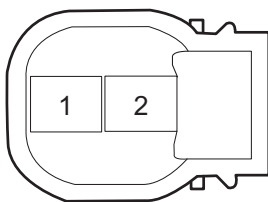


Engine Control Harness Terminal Layout Diagram(1.6DVVT+CVT)

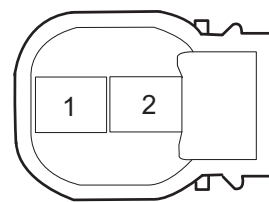
A1 Connector of Fuel Injector 4



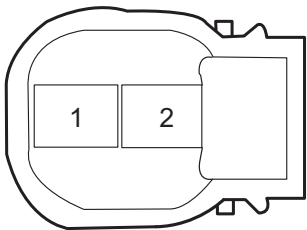
A2 Connector of Fuel Injector 3



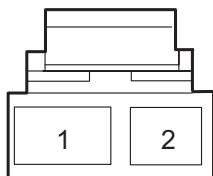
A3 Connector of Fuel Injector 2



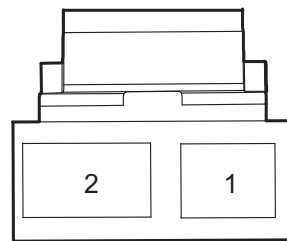
A4 Connector of Fuel Injector 1



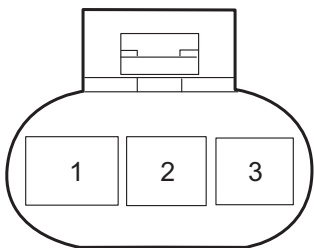
A5 Connector of Air Intake of OCV valve



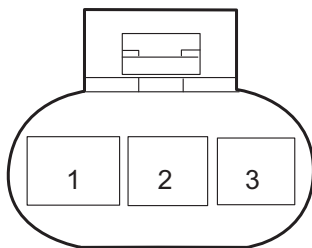
A7 Connector of Air Outlet of OCV valve



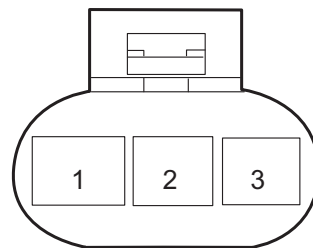
A8 Harness Connector of Ignition Coil 1



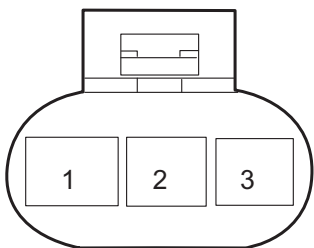
A9 Harness Connector of Ignition Coil 2



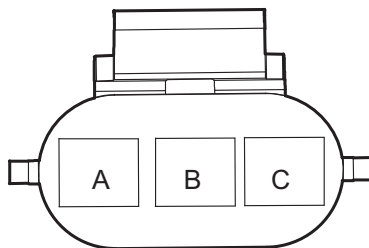
A10 Harness Connector of Ignition Coil 3



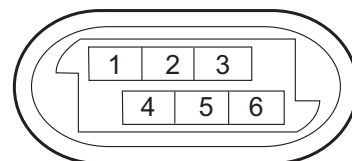
A11 Harness Connector of Ignition Coil 4



A12 Air Intake of Camshaft Position Sensor

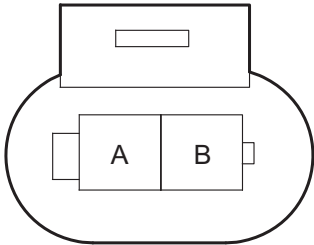


A13 Connector of Throttle Valve

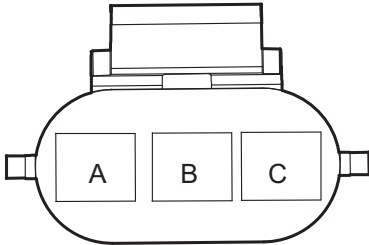


Engine Control Harness Terminal Layout Diagram(1.6DVVT+CVT)-Continued 1

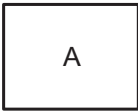
A15 Connector of Water Valve



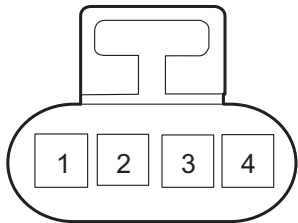
A16 Connector of Hall Sensor(Crankshaft)



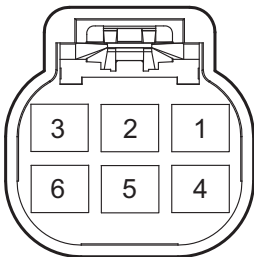
A17 Connector of Oil Pressure Switch



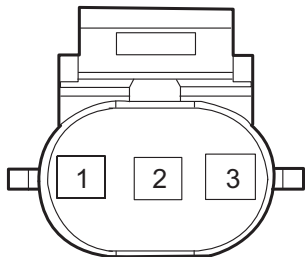
A18 Connector of Absolute Temp&pressure Sensor



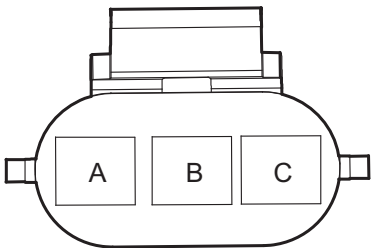
A19 Connector of EGR Valve



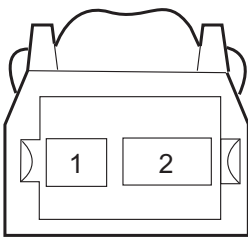
A20 Connector of Knock Sensor



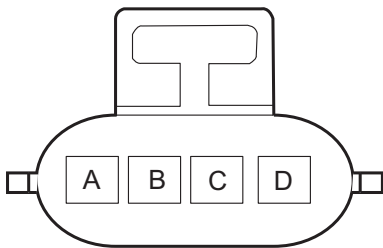
A21 Air Outlet of Camshaft Position Sensor



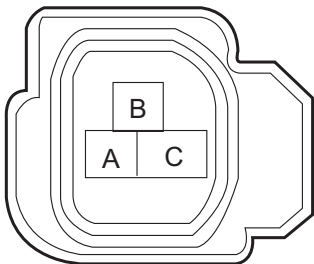
A22 Connector of Canister Solenoid



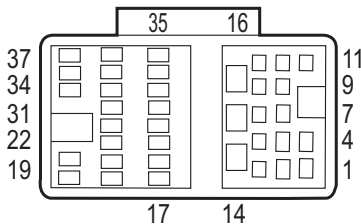
A23Connector of Front Oxygen Sensor



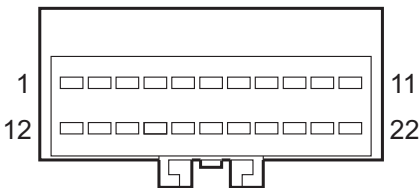
A24 Connector of Coolant Temperature Sensor



I1_CEE Connector of Engine Control Harness I

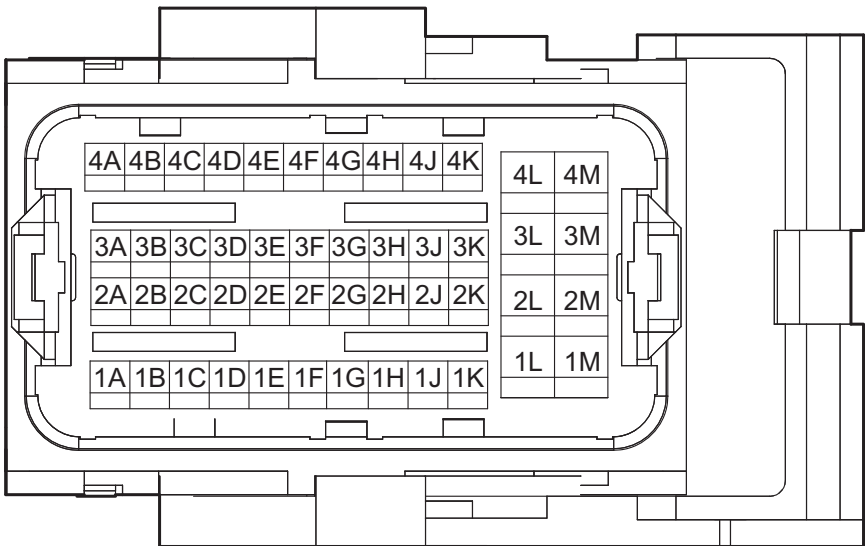


I2_CEE Connector of Engine Control Harness II

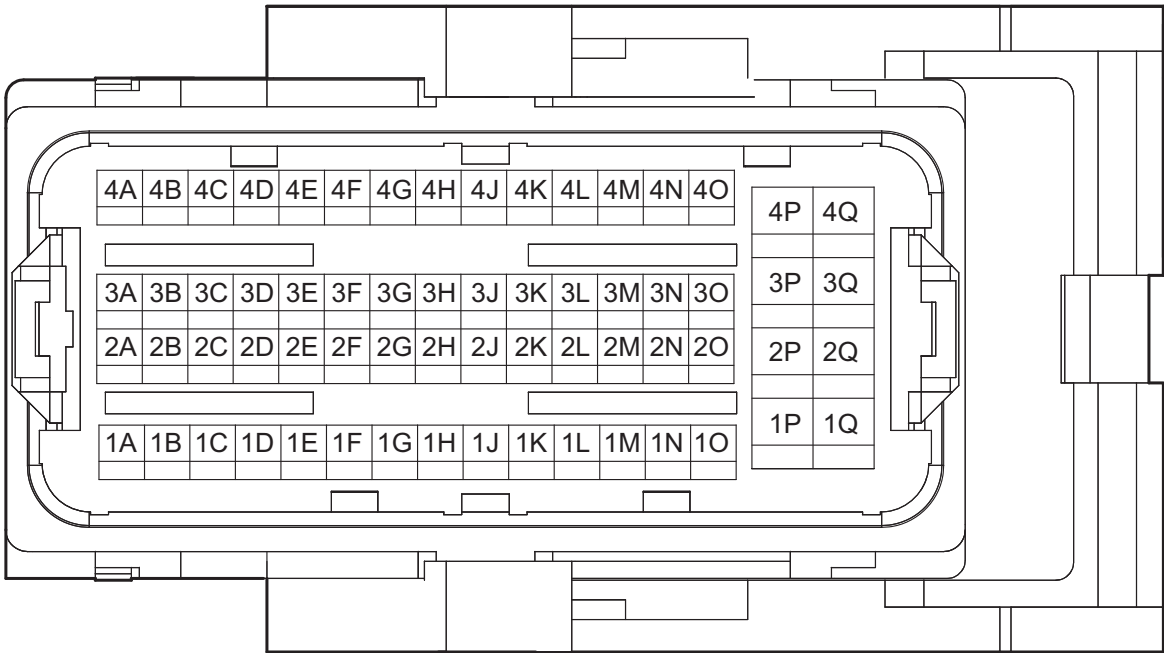


Engine Control Harness Terminal Layout Diagram(1.6DVVT+CVT)-Continued 2

A28 ECU-E

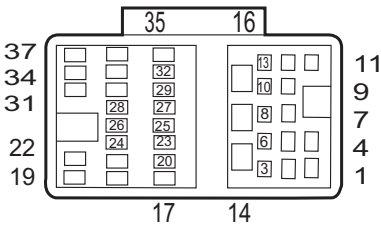


A29 ECU-C

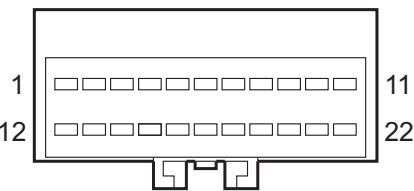


Engine Control Harness Terminal Layout Diagram(1.5DVVT+MT)

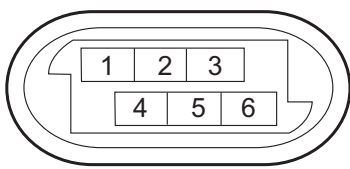
I1_CEE Connector of Engine Control Harness I



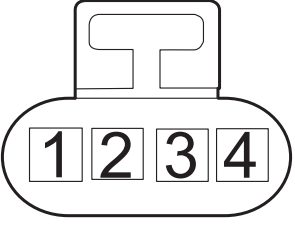
I2_CEE Connector of Engine Control Harness II



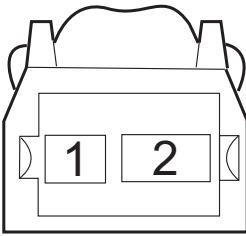
A3 Connector of Throttle Valve



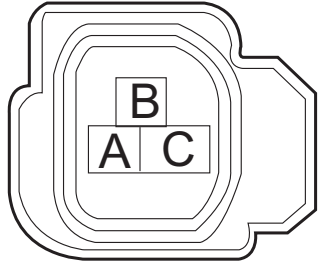
A4 Connector of Absolute Temp&pressure Sensor



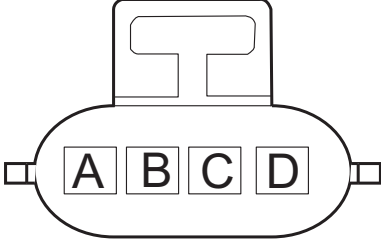
A5 Connector of Canister Solenoid



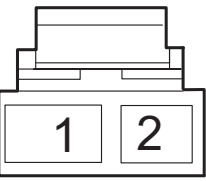
A6 Connector of Coolant Temperature Sensor



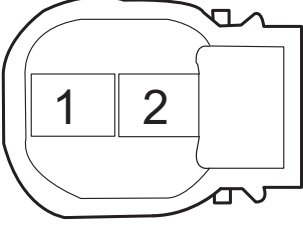
A7 Connector of Front Oxygen Sensor



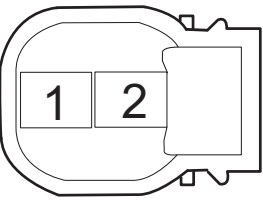
A9 Connector of OCV Valve



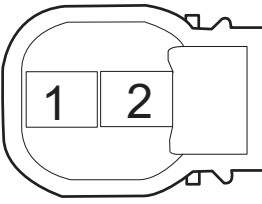
A10 Connector of Fuel Injector 1



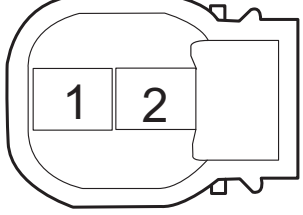
A11 Connector of Fuel Injector 2



A12 Connector of Fuel Injector 3

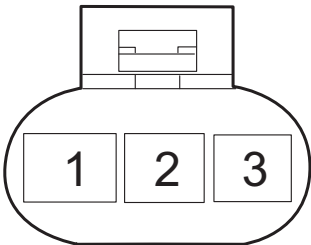


A13 Connector of Fuel Injector 4

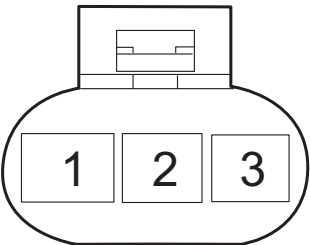


Engine Control Harness Terminal Layout Diagram(1.5DVVT+MT)-Continued 1

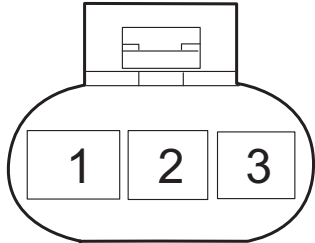
A14 Harness Connector of Ignition Coil 1



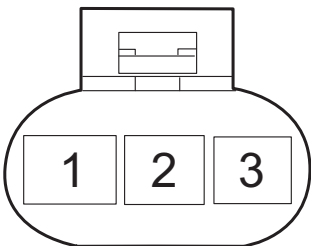
A15 Harness Connector of Ignition Coil 2



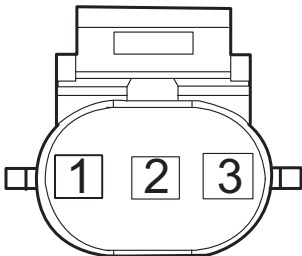
A16 Harness Connector of Ignition Coil 3



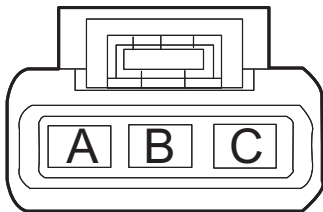
A17 Harness Connector of Ignition Coil 4



A18 Connector of Knock Sensor



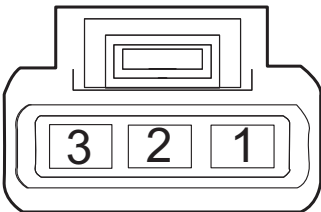
A19 Connector of Hall Sensor(Crankshaft)



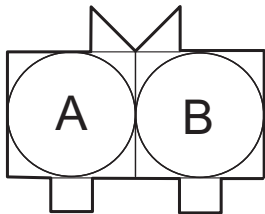
A20 Connector of Oil Pressure Switch



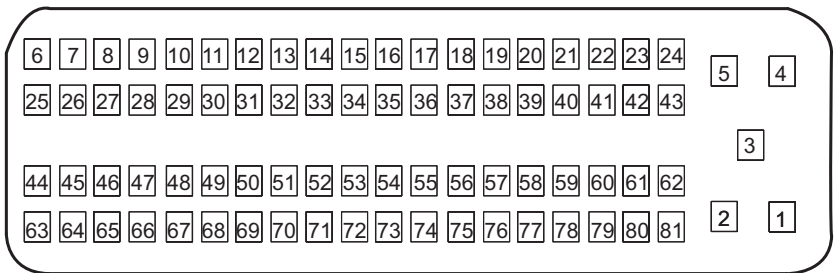
A21 Connector of Crankshaft Position Sensor



A24 Connector of Reversing Radar

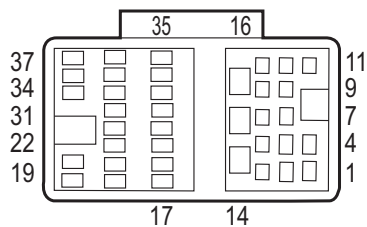


A22 ECU

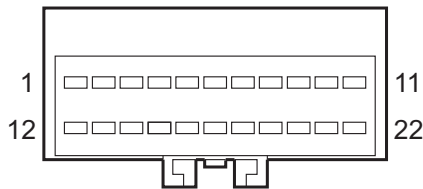


Engine Control Harness Terminal Layout Diagram(1.5VVT+MT)

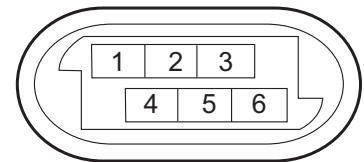
I1_CEE Connector of Engine Control Harness I



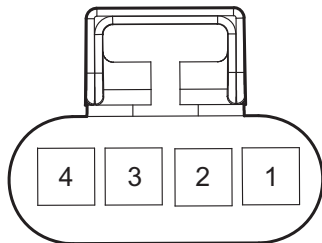
I2_CEE Connector of Engine Control Harness II



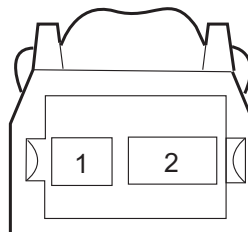
A3 Connector of Throttle Valve



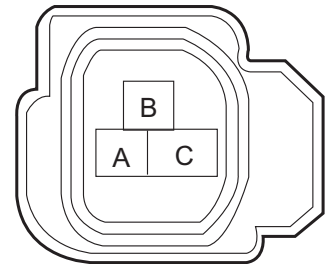
A4 Connector of Absolute Temp&pressure Sensor



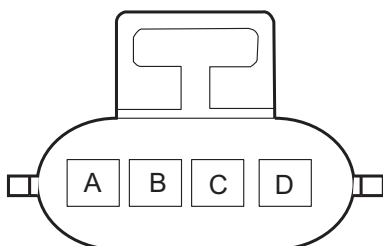
A5 Connector of Canister Solenoid



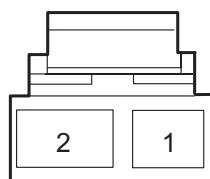
A6 Connector of Coolant Temperature Sensor



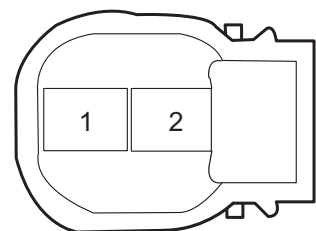
A7 Connector of Front Oxygen Sensor



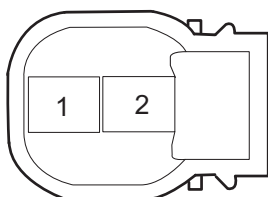
A9 Connector of OCV Valve



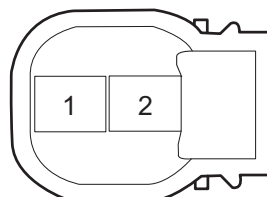
A10 Connector of Fuel Injector 1



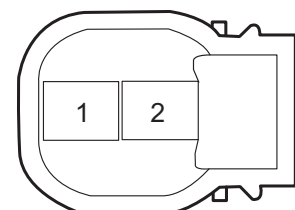
A11 Connector of Fuel Injector 2



A12 Connector of Fuel Injector 3

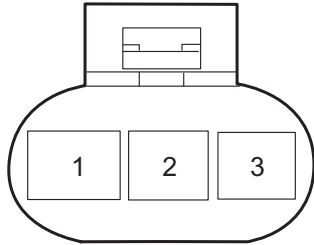


A13 Connector of Fuel Injector 4

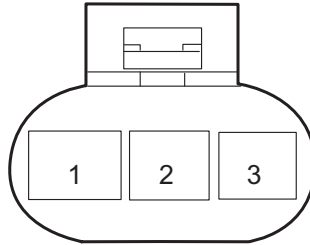


Engine Control Harness Terminal Layout Diagram(1.5VVT+MT)-Continued 1

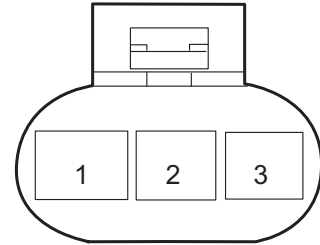
A14 Harness Connector of Ignition Coil 1



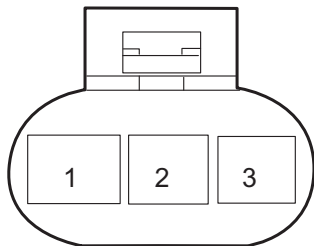
A15 Harness Connector of Ignition Coil 2



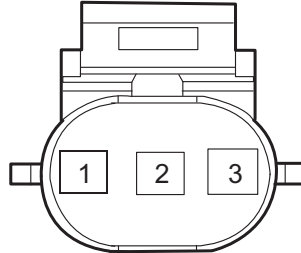
A16 Harness Connector of Ignition Coil 3



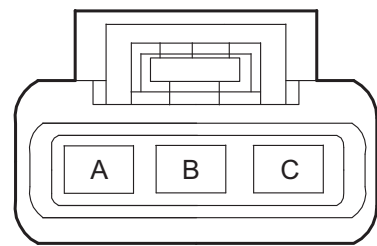
A17 Harness Connector of Ignition Coil 4



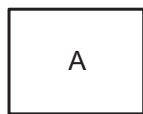
A18 Connector of Knock Sensor



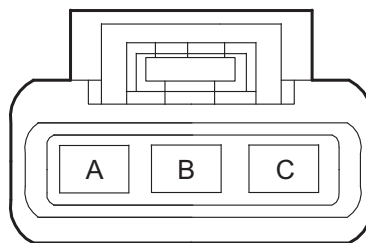
A19 Connector of Hall Sensor(Crankshaft)



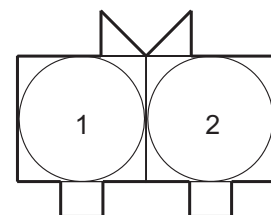
A20 Connector of Oil Pressure Switch



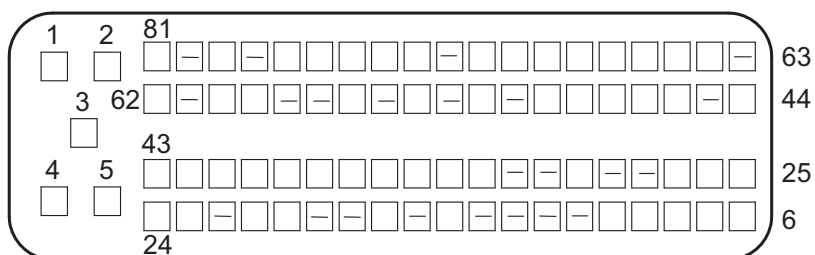
A21 Connector of Crankshaft Position Sensor



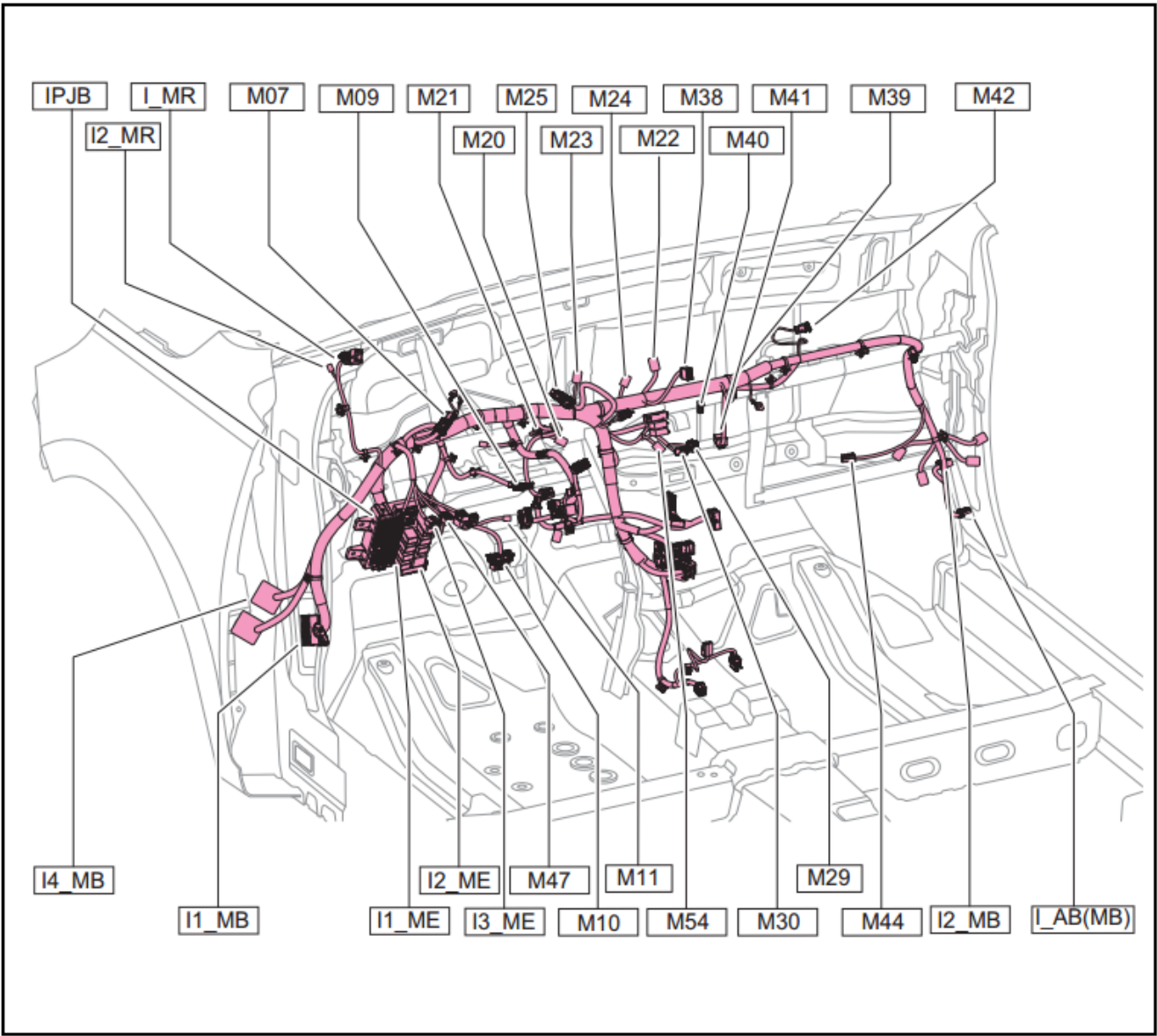
A24 Connector of Reversing Radar



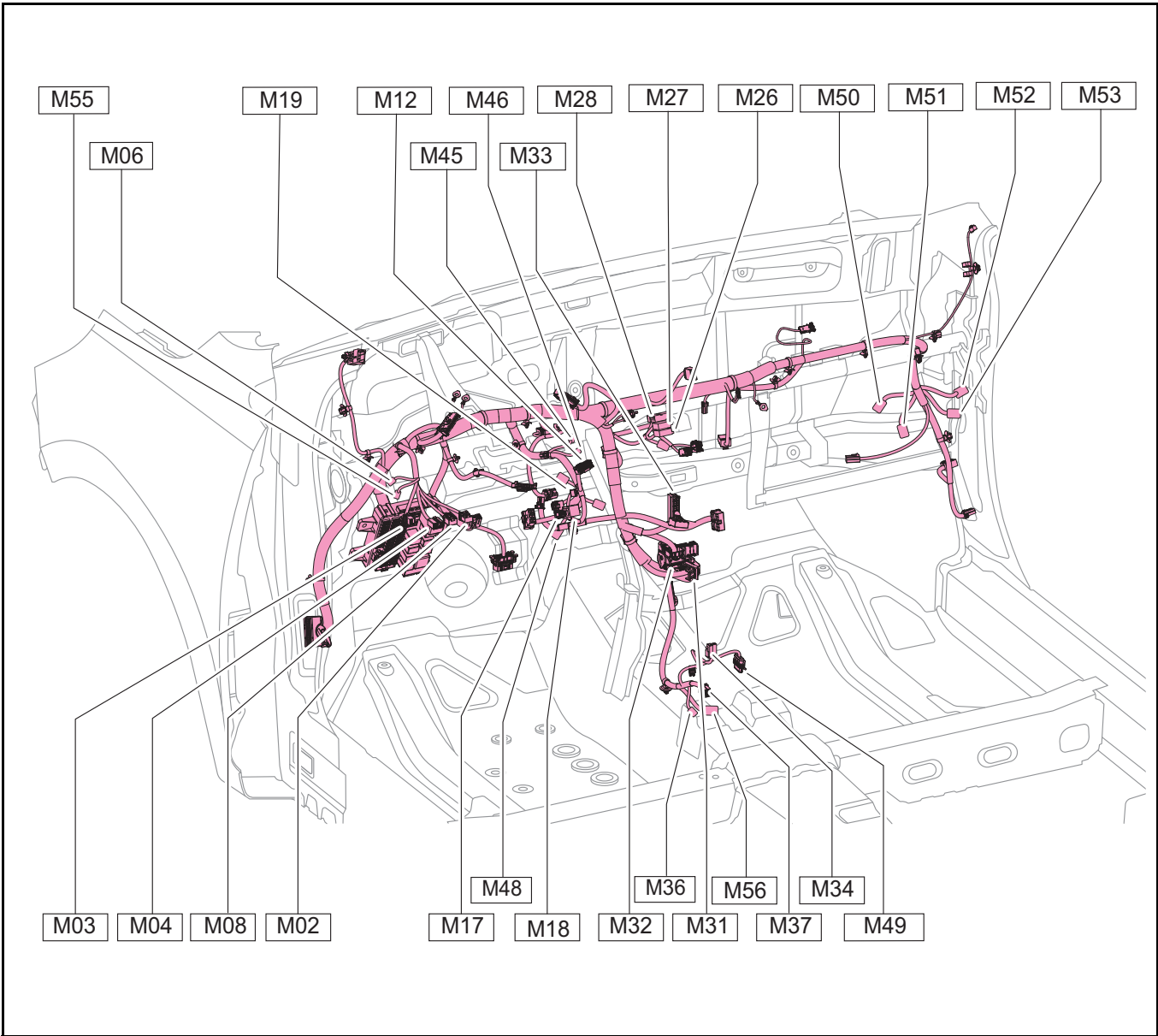
A22 ECU



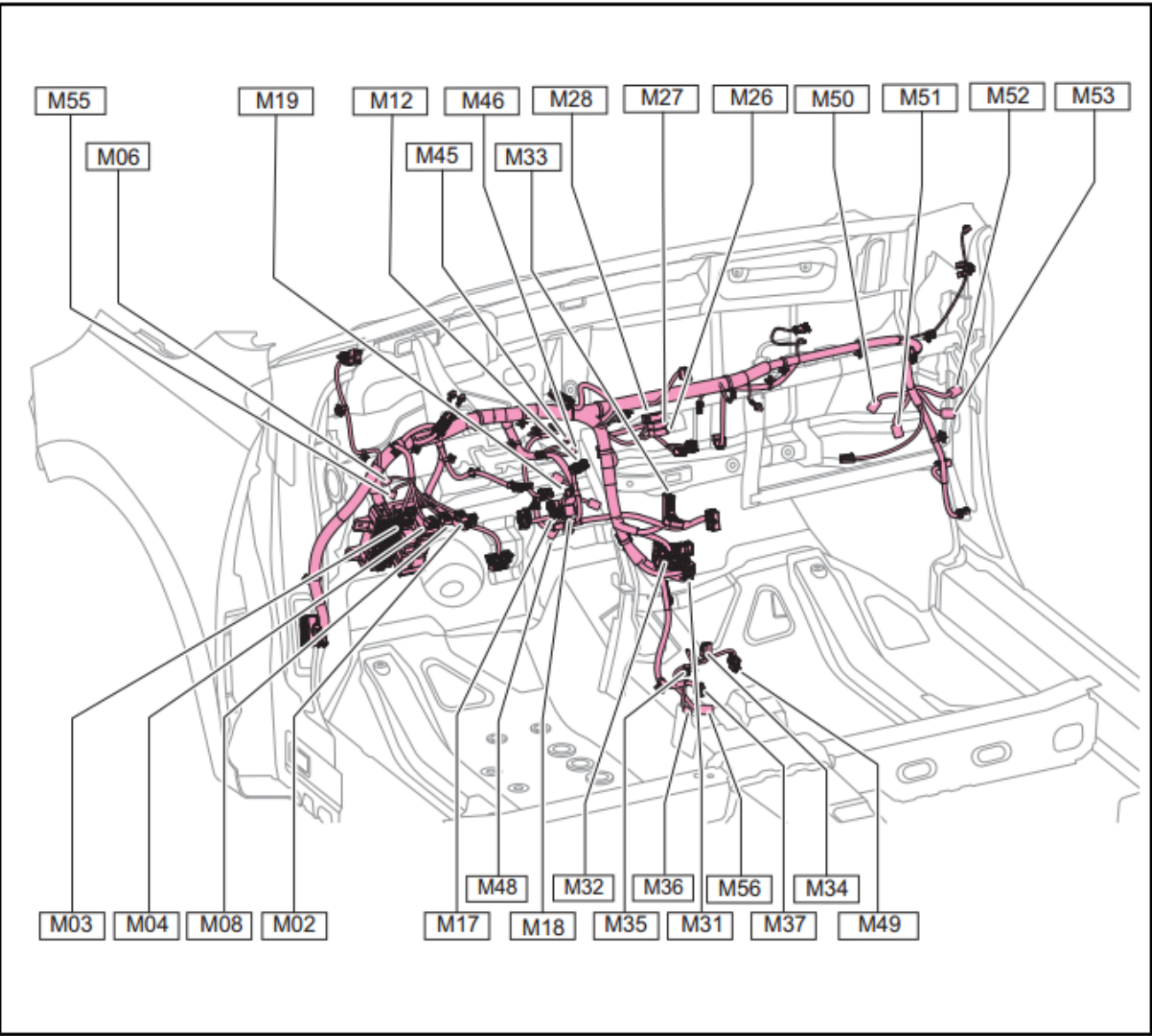
Main Harness Layout Diagram



Main Harness Layout Diagram(Continued)



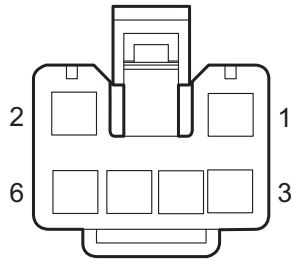
Main Harness Layout Diagram(Continued)-1.5DVVT



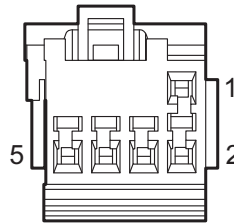
Connector	Name	Connector	Name
M02	Connector of Dimmer Switch	M37	Connector of Remote Diagnosis System
M03	Headlight Position Adjusting Switch	M38	Connector of Hazard Warning Light
M04	Rear-view Mirror Switch	M39	Connector of Inner Outer Circulation Actuator
M06	Connector of Power Saver Relay	M40	Connector of Ambient Sensor
M07	Connector of Instrument C2 High speed	M41	Connector of Speed Adjusting Module
M08	Connector of PSA Switch	M42	Connector of Driver Side Air Bag
M09	Connector of Combination Switch to Lights	M44	Connector of Air Blower
M10	Connector of OBD	M45	PEPS Relay C1
M11	Connector of Inner Temp. Sensor	M46	PEPS Relay C2
M12	Connector of Combination Switch to Wiper	M47	PEPS Relay C2
M17	Connector of Clock Spring to Horn	M48	Connector of Passive Start Switch
M18	Connector of Clock Spring to SRS	M49	Connector of Front Low Frequency Antenna
M19	Connector of Steering Angle Sensor	M50	Connector of PEPS Controller 1
M20	Connector of Cooling Warming switch	M51	Connector of PEPS Controller 2
M21	Connector of Outlet mode switch	M52	Connector of PEPS Controller 3
M22	Connector of Daylight Sensor	M53	Connector of PEPS Controller 4
M23	Connector of CAN Breaker 1	M54	Connector of T-Box Connecting to MP5 C4
M24	Connector of CAN Breaker 2	M55	Connector of Instrument Adjusting Switch
M25	Connector of EPS Mode signal Harness	M56	Connector of Console Switch
M26	Connector of Audio 1	MR	Main Harness to Roof Harness
M27	Connector of Audio 2	2- MR	Main Harness to Roof Harness 2
M28	Connector of Audio 3	1- MB	Main Harness to Body Harness
M29	Connector of AC Panel C1	2- MB	Main Harness to Body Harness
M30	Connector of AC Panel C2	4- MB	Main Harness to Body Harness
M31	Connector of Body Control module C1	1- ME	Main Harness to Engine Harness
M32	Connector of Body Control module C2	2- ME	Main Harness to Engine Harness
M33	Connector of Body Control module C3	3- ME	Main Harness to Engine Harness
M34	Connector of Power Supply	- AB MB	Connector of SRS main harness to body harness
M35	Connector of Neutral gear	P B	Cabin Inflation Bo
M36	Connector of Gear Shifting Structure		

Main Harness Terminal Diagram

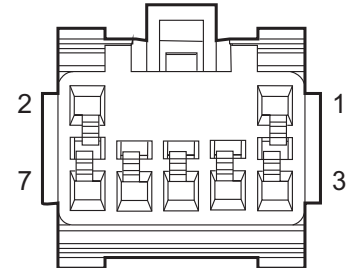
M02 Connector of Dimmer Switch



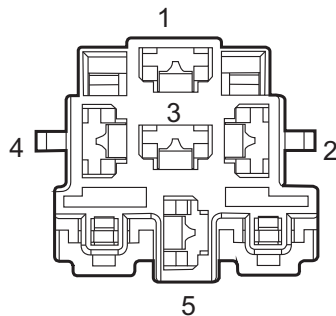
M03 Headlight Position Adjusting Switch



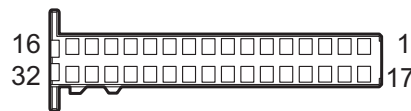
M04 Rear-view Mirror Switch



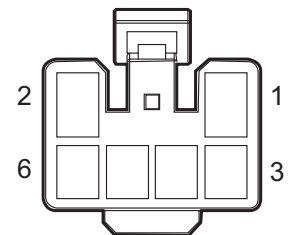
M06 Connector of Power Saver Relay



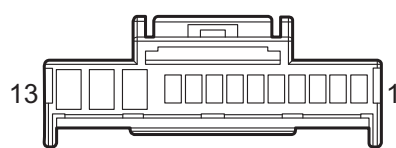
M07 Connector of Instrument C2(High equipped)



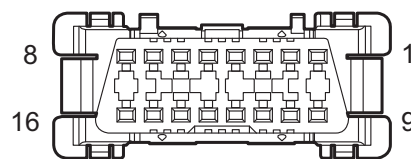
M08 Connector of PSA Switch



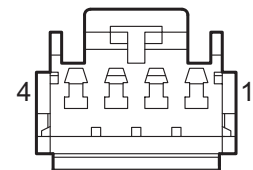
M09 Connector of Combination Switch to Lights



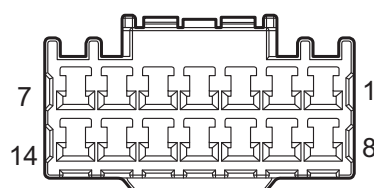
M10 Connector of OBD



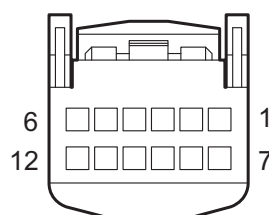
M11 Connector of Inner Temp. Sensor



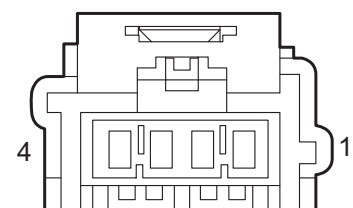
M12 Connector of Combination Switch to Wiper



M17 Connector of Clock Spring to Horn

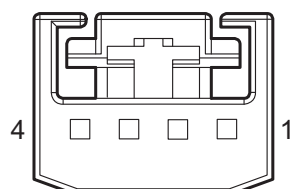


M18 Connector of Clock Spring to SRS

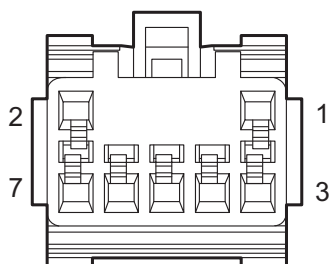


Main Harness Terminal Diagram (Continued 1)

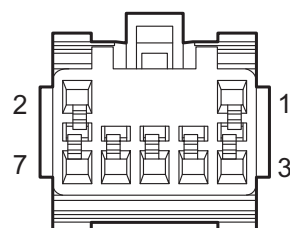
M19 Connector of Steering Angle Sensor



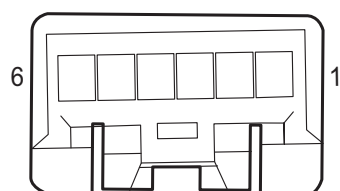
M20 Connector of Cooling&Warming switch



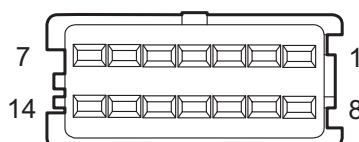
M21 Connector of Outlet mode switch



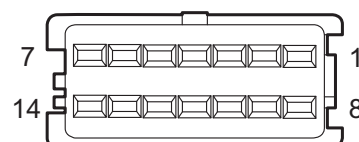
M22 Connector of Daylight Sensor



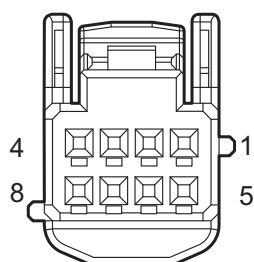
M23 Connector of CAN Breaker 1



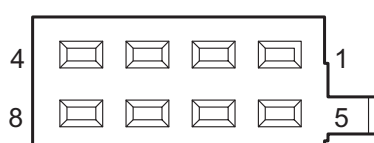
M24 Connector of CAN Breaker 2



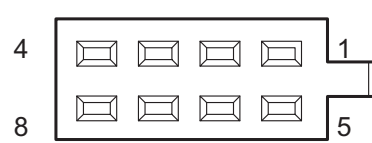
M25 Connector of EPS Mode signal Harness



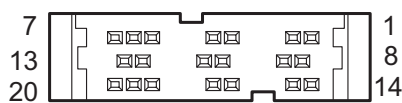
M26 Connector of Audio 1



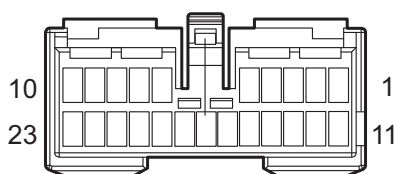
M27 Connector of Audio 2



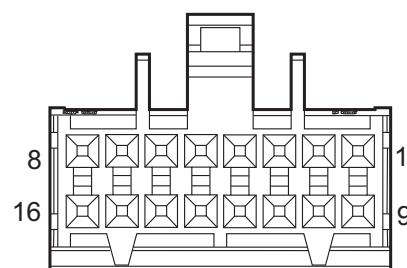
M28 Connector of Audio 3



M29 Connector of AC Panel C1

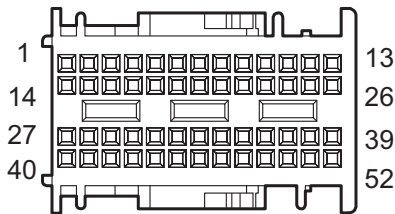


M30 Connector of AC Panel C2

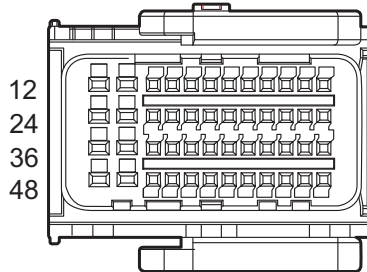


Main Harness Terminal Diagram (Continued 2)

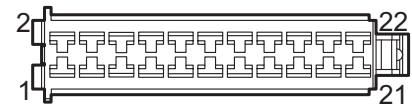
M31 Connector of Body Control module C1



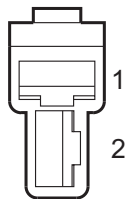
M32 Connector of Body Control module C2



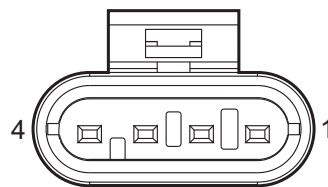
M33 Connector of Body Control module C3



M34 Connector of Power Supply

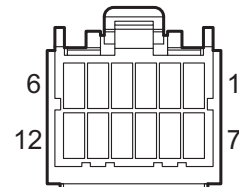


M35 Connector of Power Supply

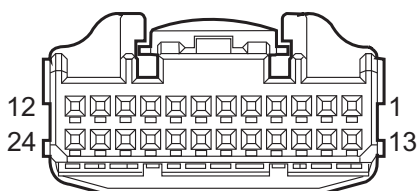


1.5DVVT

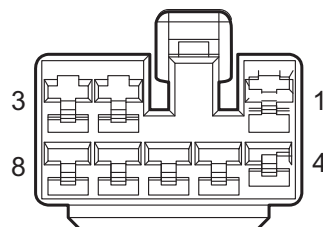
M36 Connector of Gear Shifting Structure



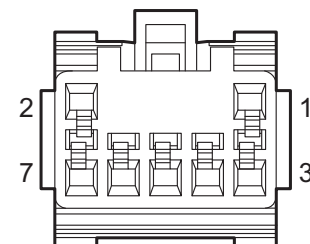
M37 Connector of Remote Diagnosis System



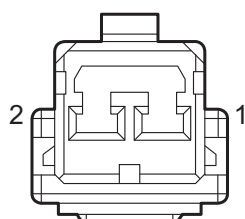
M38 Connector of Hazard Warning Light



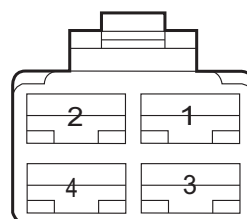
M39 Connector of Inner/Outer Circulation Actuator



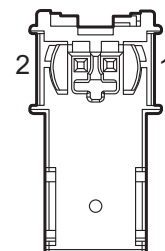
M40 Connector of Ambient Sensor



M41 Connector of Speed Adjusting Module

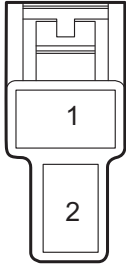


M42 Connector of Driver Side Air Bag

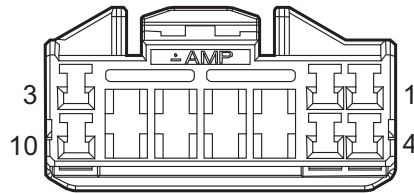


Main Harness Terminal Diagram (Continued 3)

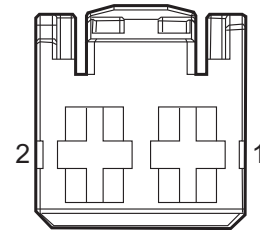
M44 Connector of Air Blower



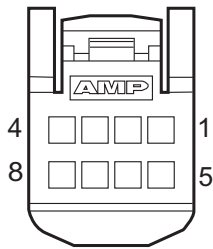
M45 Connector of PEPS Relay C1



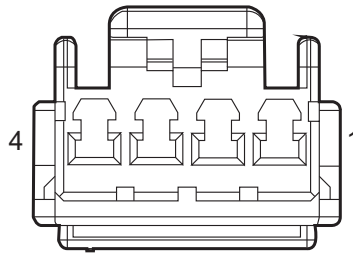
M46 Connector of PEPS Relay C2



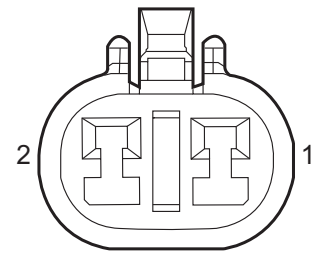
M47 Connector of Passive Start Switch



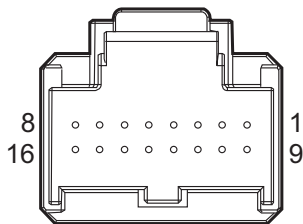
M48 Connector of Electrical Steering Lock



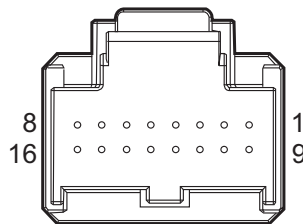
M49 Connector of Front Low Frequency Antenna



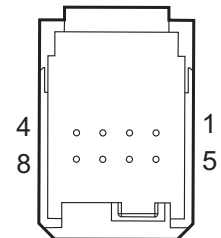
M50 Connector of PEPS Controller 1



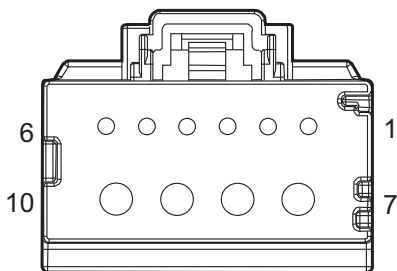
M51 Connector of PEPS Controller 2



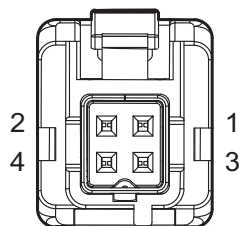
M52 Connector of PEPS Controller 3



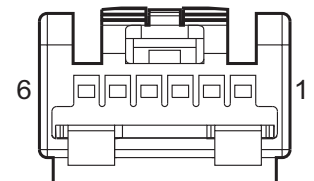
M53 Connector of PEPS Controller 4



M54 Connector of T-Box Connecting to MP5 C4

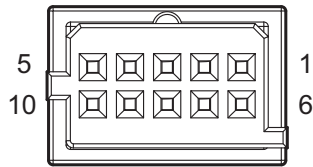


M55 Connector of Instrument Adjusting Switch

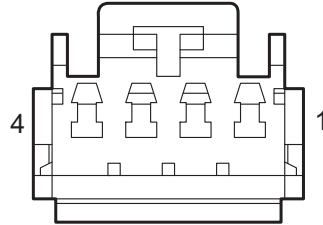


Main Harness Terminal Diagram (Continued 4)

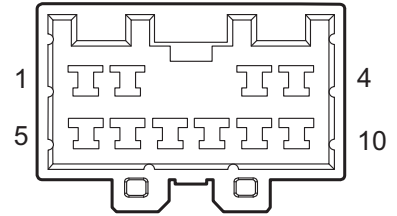
M56 Connector of Console Switch



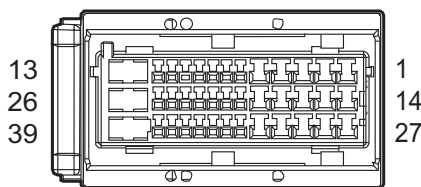
I_AB(MB) SRS Connector (Main Harness to body Harness)



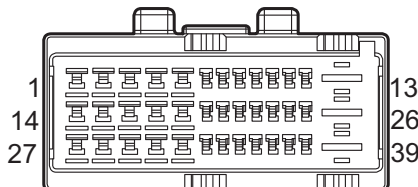
I_MR Main Harness to Roof Harness



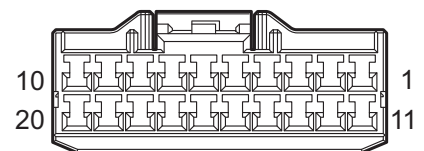
I1_MB Main Harness to Body Harness I



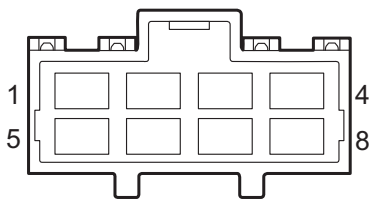
I1_ME Main Harness to Engine Harness I



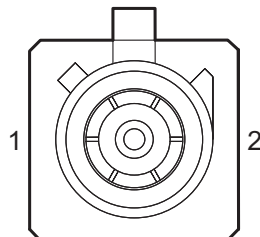
I2_MB Main Harness to Body Harness II



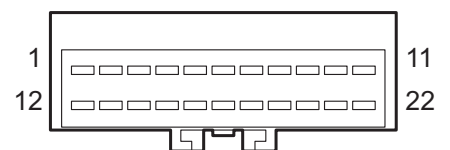
I2_ME Main Harness to Engine Harness II



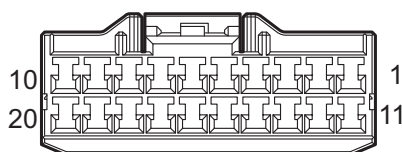
I2_MR Main Harness to Roof Harness 2



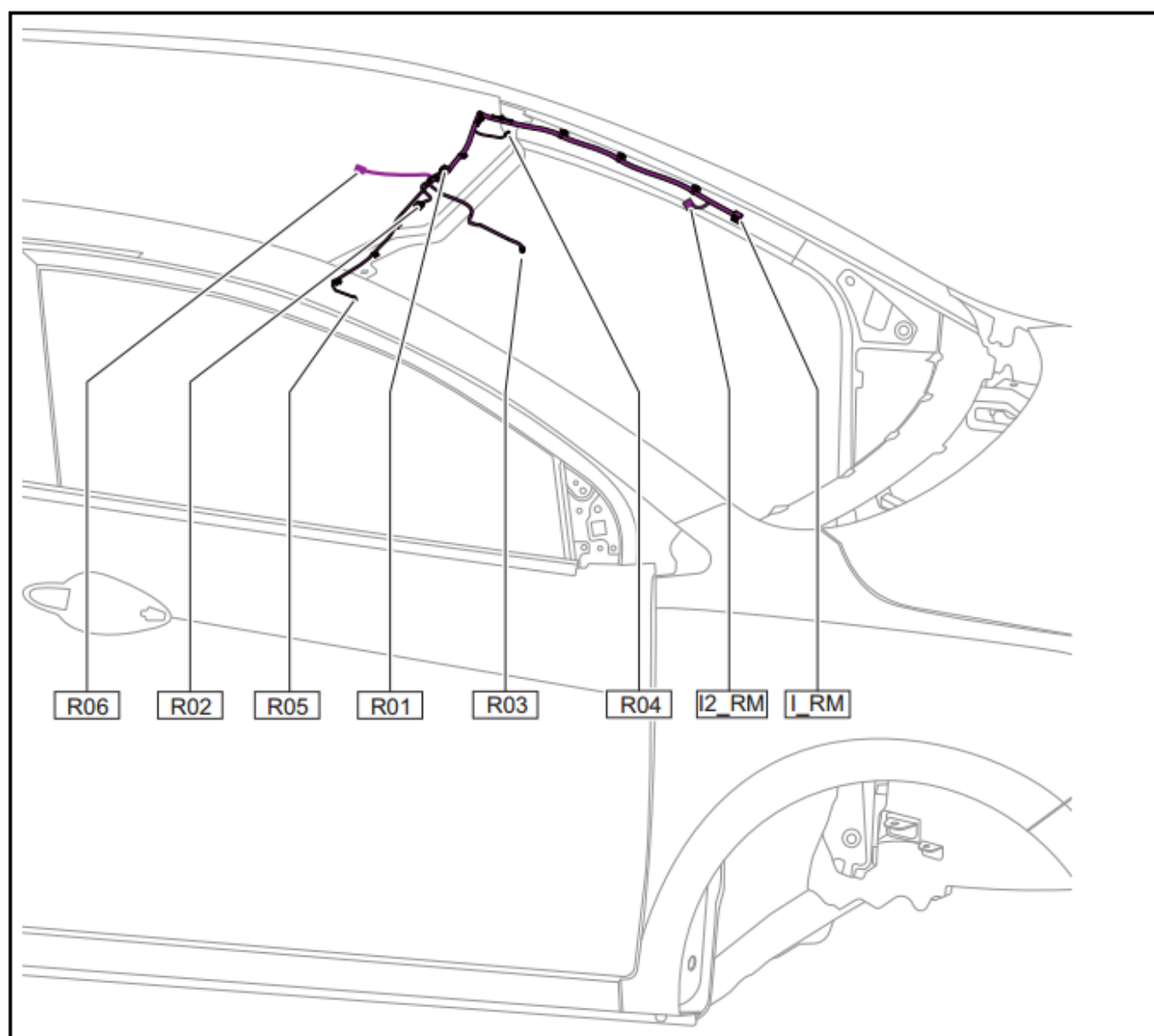
I3_ME Main Harness to Engine Harness III



I4_MB Main Harness to Body Harness II



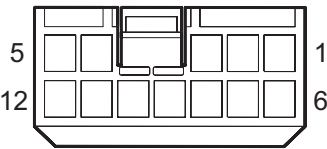
Layout Diagram of Ceiling Harness



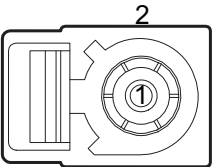
Connector	Name	Connector	Name
RM	Roof Harness to Main Harness	R03	Connector of Driving Record
2 RM	Roof Harness to Main Harness 2	R04	Connector of Left Make- p Mirror
R01	Connector of Roof Light	R05	Connector of Right Make- p Mirror
R02	Driving Record Reserved	R06	S n Roof

Terminal Diagram of Ceiling Harness

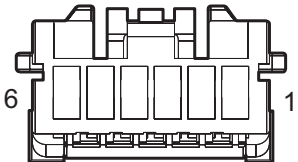
I_RM Roof Harness to Main Harness



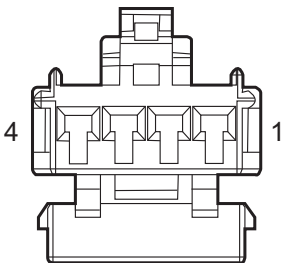
I2_RM Roof Harness to Main Harness 2



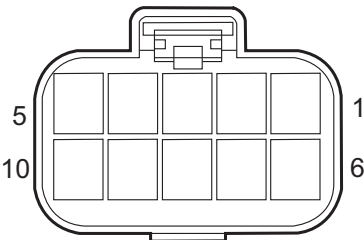
R01 Connector of Roof Light



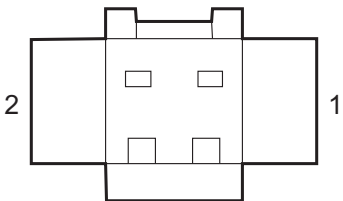
R02 Driving Record Reserved



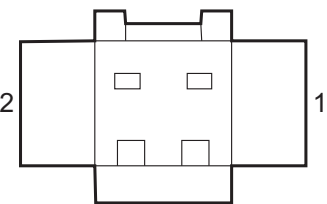
R03 Connector of Driving Record



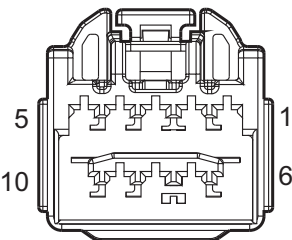
R04 Connector of Left Make-up Mirror



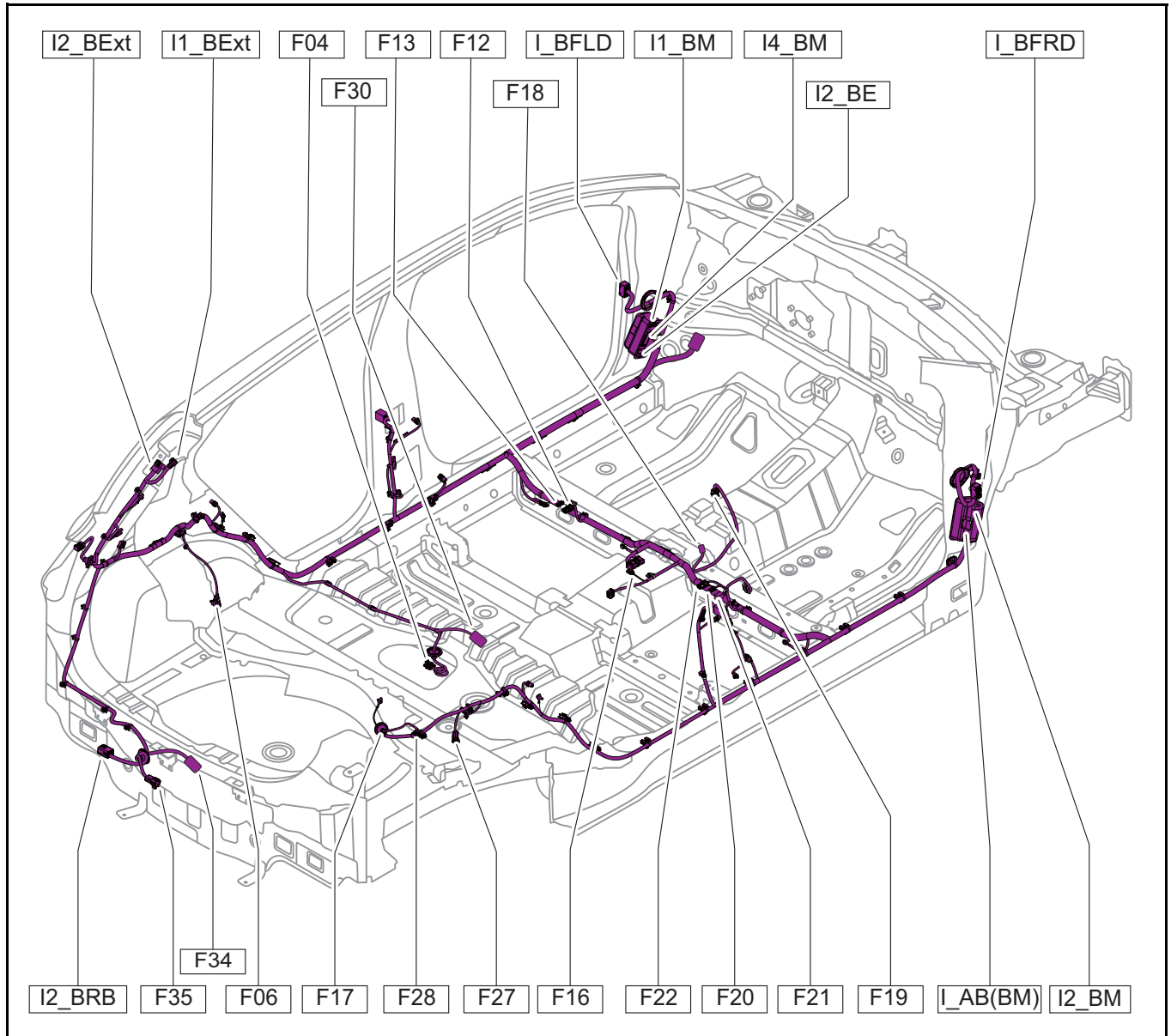
R05 Connector of Right Make-up Mirror



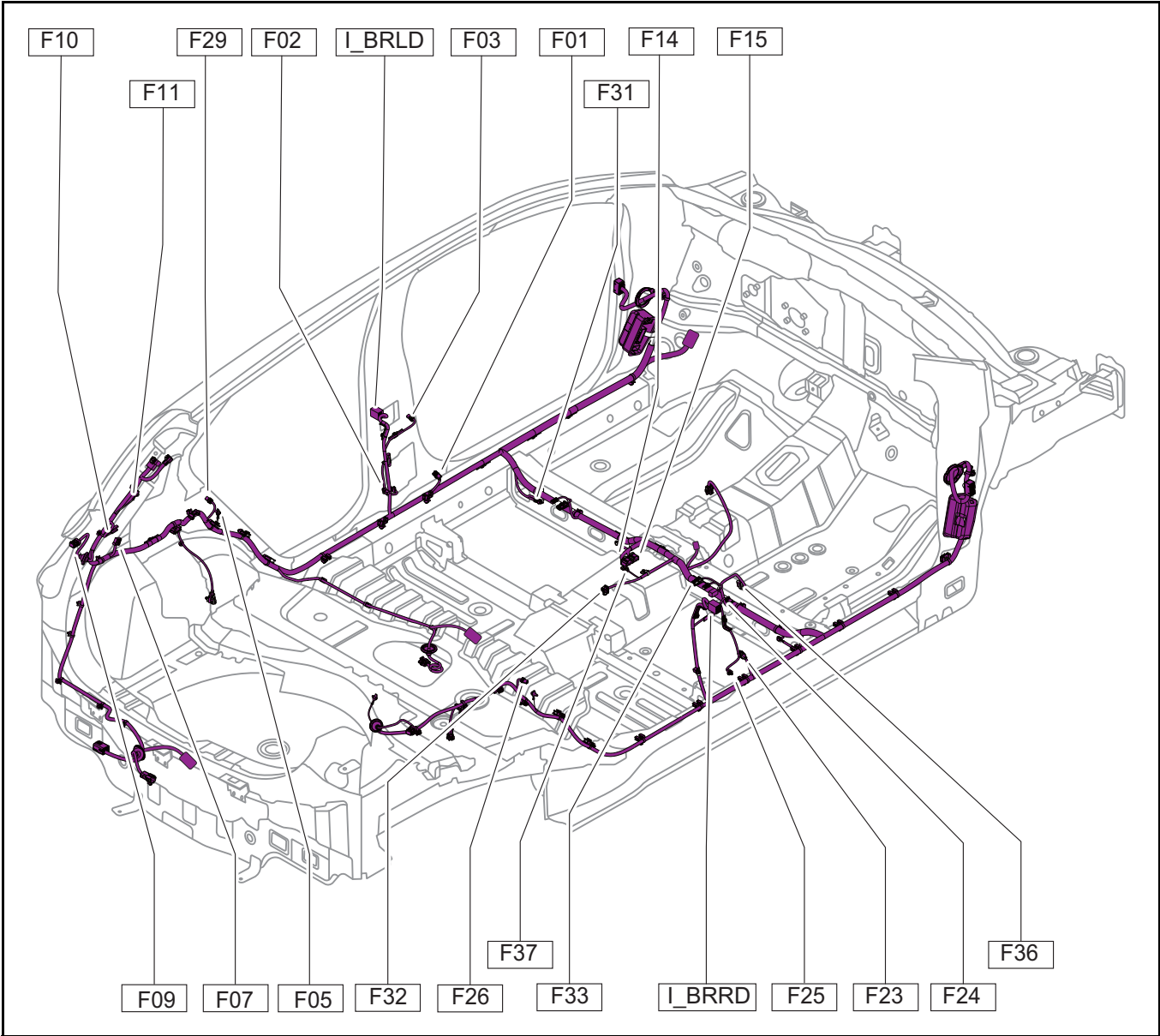
R06 Sun Roof



Layout Diagram of Body Harness



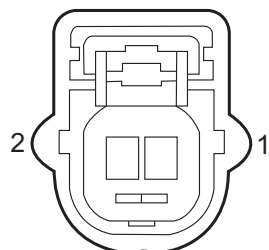
Layout Diagram of Body Harness (Continued)



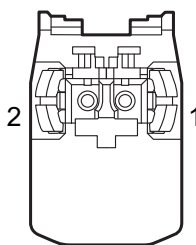
Connector	Name	Connector	Name
F01	Connector of Left Collision Sensor	F26	Connector of RR DLS Switch
F02	Pre-tighten Device of Driver Side Safety Belt	F27	Connector of ABS RR Wheel Speed Sensor
F03	Connector of LF DLS Switch	F28	Connector of RR Combination Light
F04	Connector of Fuel Pump Harness	F29	Connector of CAN Breaker 5
F05	Connector of LR DLS Switch	F30	Connector of APW Controller C1
F06	Connector of ABS LR Wheel Speed Sensor	F31	Connector of APW Controller C2
F07	Connector of Reversing Radar	F32	Connector of Spare Antenna
F09	Connector of LR Combination Light	F33	Connector of Rear Low Frequency Antenna
F10	Connector of Trunk Light	F34	Connector of Rear Door Low Frequency Antenna
F11	Connector of Reversing B	F35	Connector of Reversing View
F12	Connector of Driver Side Air Bag Harness	F36	Connector of 360 Camera Controller
F13	Connector of Driver Safety Belt Switch	1 BE t	Harness Between Body and Tail Harness
F14	Connector of SRS Module	2 BE t	Harness Between Body and Tail Harness
F15	Connector of SRS Module 2	2 BEB	Body Harness to Reversing Radar
F16	Connector of Handbrake Switch	2 BE	Body Harness to Engine Harness
F17	Connector of TPMS Sensor	BRRD	Body Harness to RR Door Harness
F18	Connector of CAN Breaker 4	BFRD	Body Harness to RF Door Harness
F19	Connector of Rear Oxygen Sensor	1 BM	Body Harness to Main Harness
F20	Connector of Passenger Sitting Sensor	2 BM	Body Harness to Main Harness
F21	Connector of Passenger Safety Belt Switch	4 BM	Body Harness to Main Harness
F22	Connector of Passenger SRS	- BRLD	Body Harness to LR Door Harness
F23	Connector of Right Collision Sensor	- BFLD	Body Harness to LF Door Harness
F24	Connector of RF DLS Sensor	- AB BM	SRS Connector Body to Main Harness
F25	Pre-tighten Device of Passenger Side Safety Belt		

Connector Terminal Diagram of Body Harness

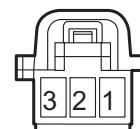
F01 Connector of Left Collision Sensor



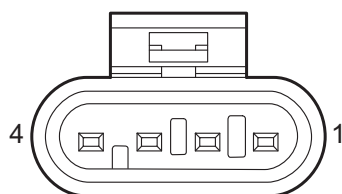
F02 Pre-tighten Device of Driver Side Safety Belt



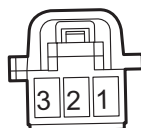
F03 Connector of LF DLS Switch



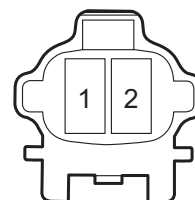
F04 Connector of Fuel Pump Harness



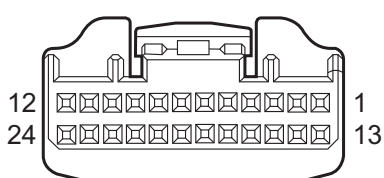
F05 Connector of LR DLS Switch



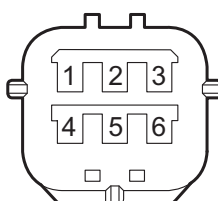
F06 Connector of ABS LR Wheel Speed Sensor



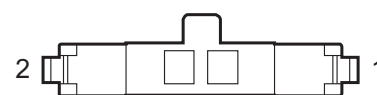
F07 Connector of Reversing Radar



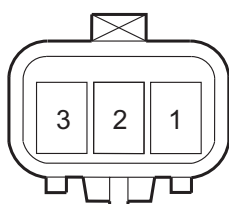
F09 Connector of LR Combination Light



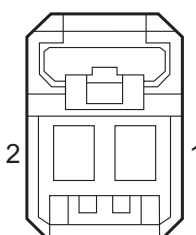
F10 Connector of Trunk Light



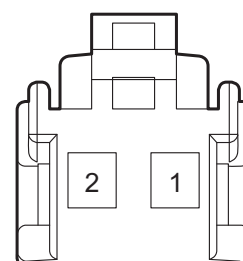
F11 Connector of Reversing Buzz



F12 Connector of Driver Side Air Bag Harness

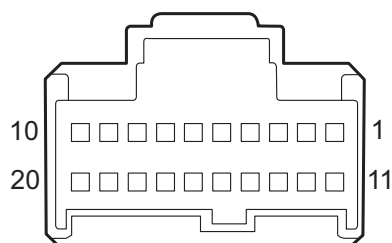


F13 Connector of Driver Safety Belt Switch

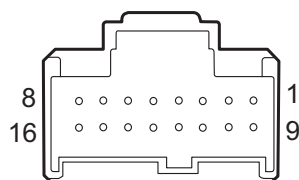


Connector Terminal Diagram of Body Harness-Continued 1

F14 Connector of SRS Module



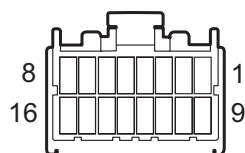
F15 Connector of SRS Module 2



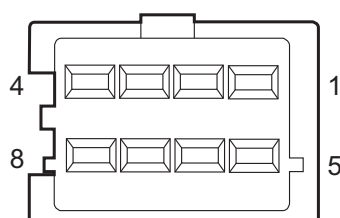
F16 Connector of Handbrake Switch



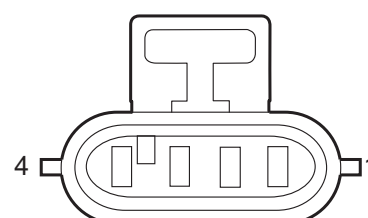
F17 Connector of TPMS Sensor



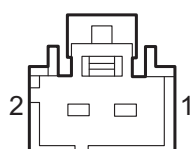
F18 Connector of CAN Breaker 4



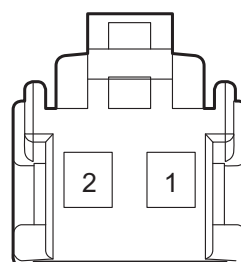
F19 Connector of Rear Oxygen Sensor



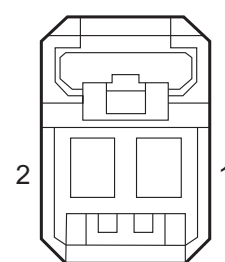
F20 Connector of Passenger Sitting Sensor



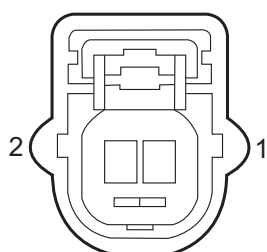
F21 Connector of Passenger Safety Belt Switch



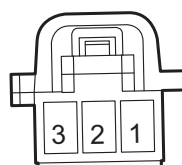
F22 Connector of Passenger SRS



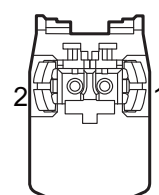
F23 Connector of Passenger SRS



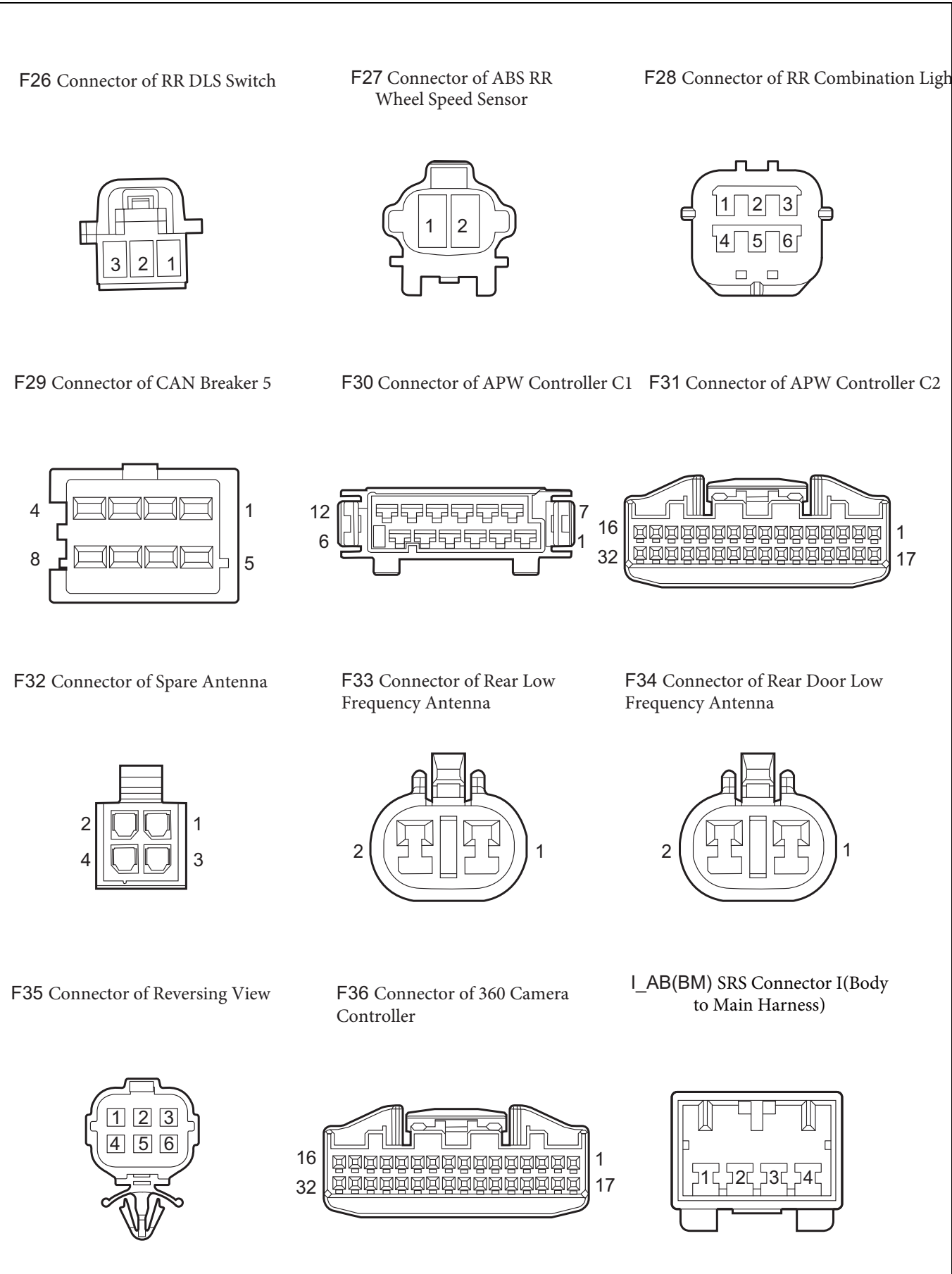
F24 Connector of RF DLS Sensor



F25 Pre-tighten Device of Passenger Side Safety Belt

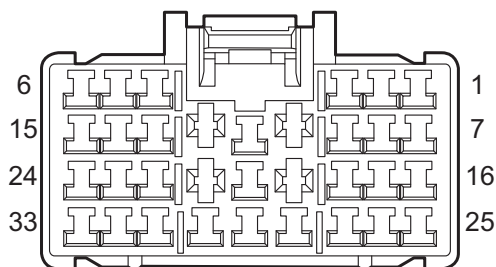


Connector Terminal Diagram of Body Harness-Continued 2

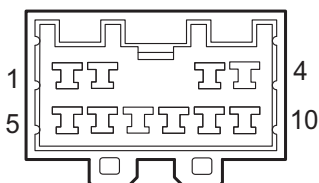


Connector Terminal Diagram of Body Harness- Continued 3

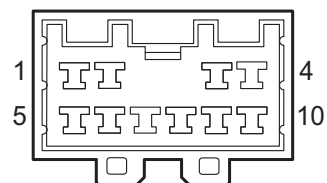
I_BFRD Body Harness to FR Door Harness



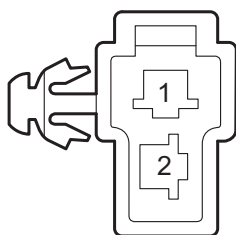
I_BRD Body Harness to RL Door Harness



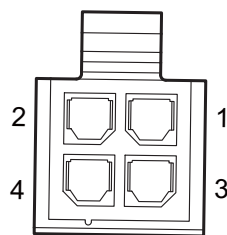
I_BRRD Body Harness to RR Door Harness



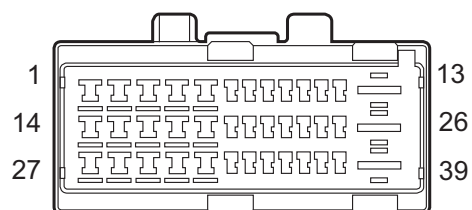
I1_BEExt Harness I Between Body and Tail Harness



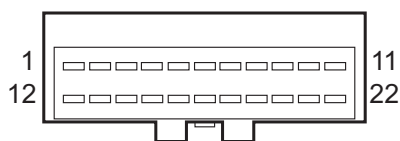
F37 USB



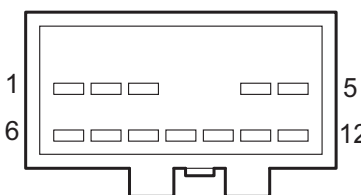
I1_BM Body Harness to Main Harness I



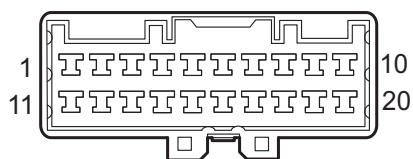
I2_BE Body Harness to Engine Harness II



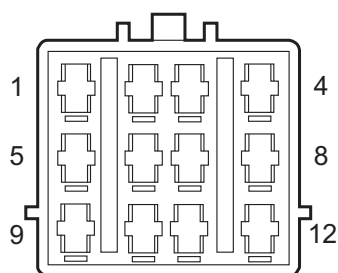
I2_BEExt Harness II Between Body and Tail Harness



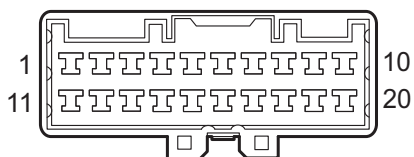
I2_BM Body Harness to Main Harness II



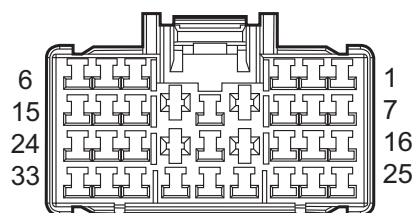
I2_BRB Body Harness to Reversing Radar



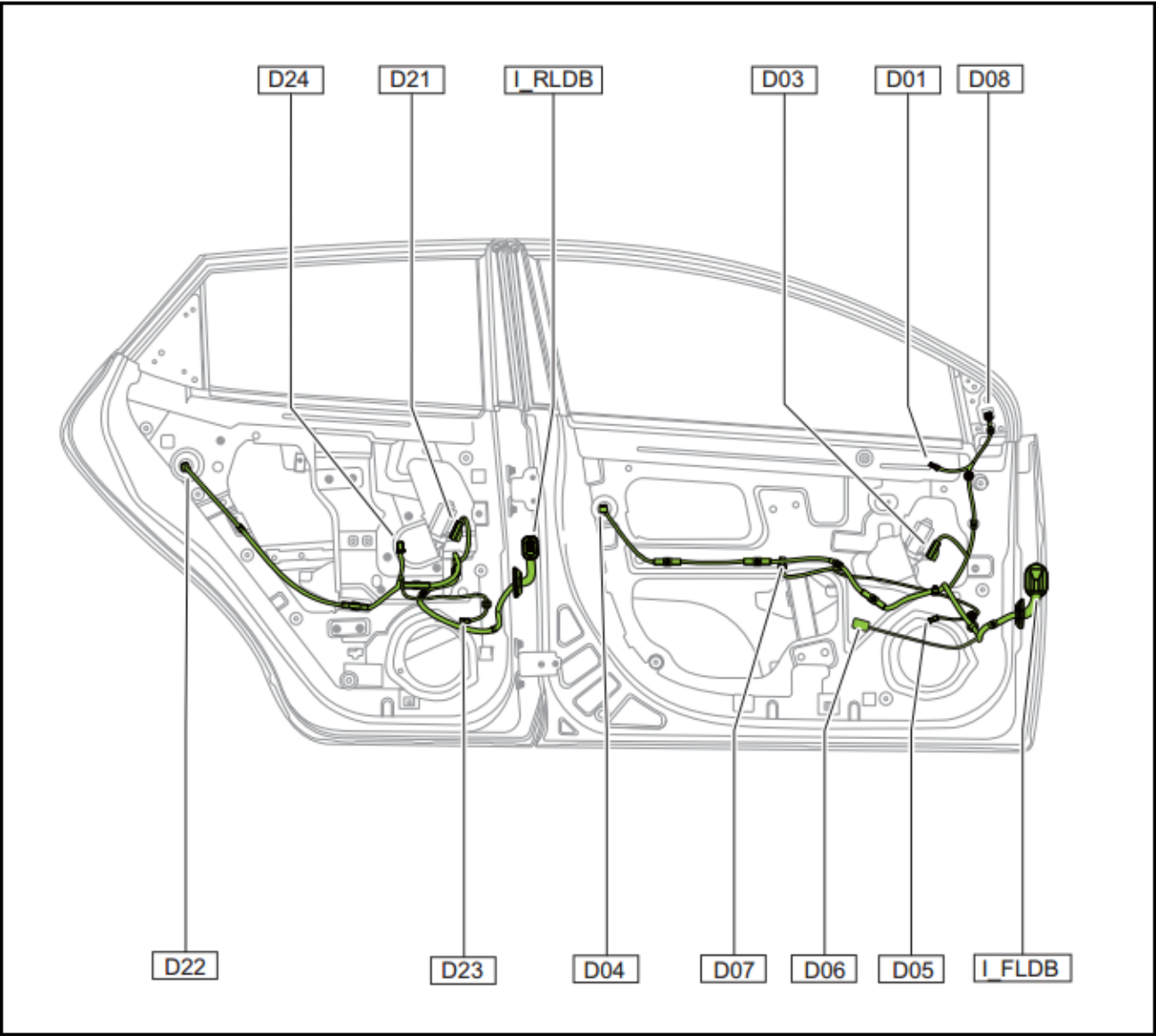
I4_BM Body Harness to Main Harness IV



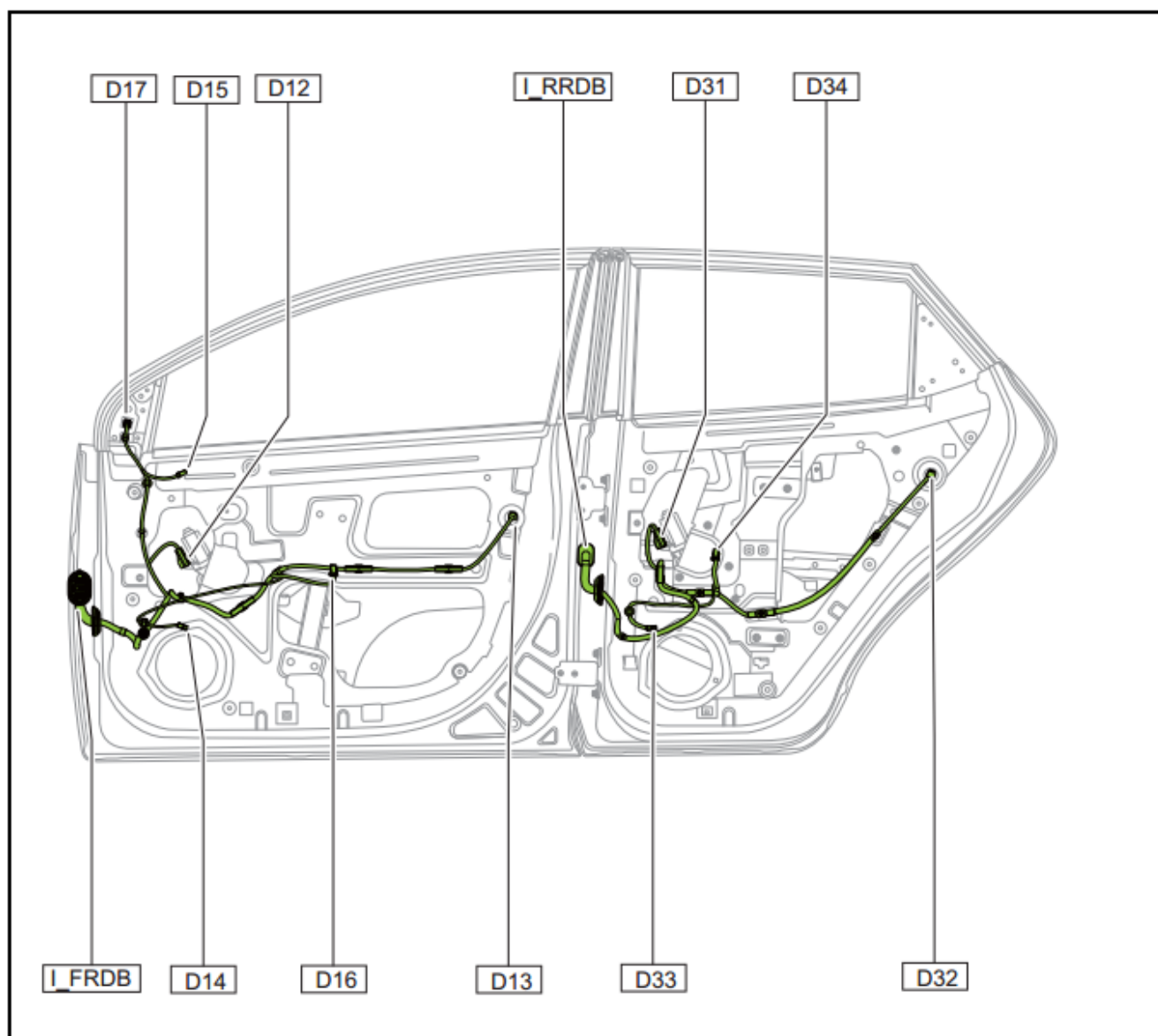
I_BFLD Body Harness to FL Door Harness



Layout Diagram of Left Door Harness

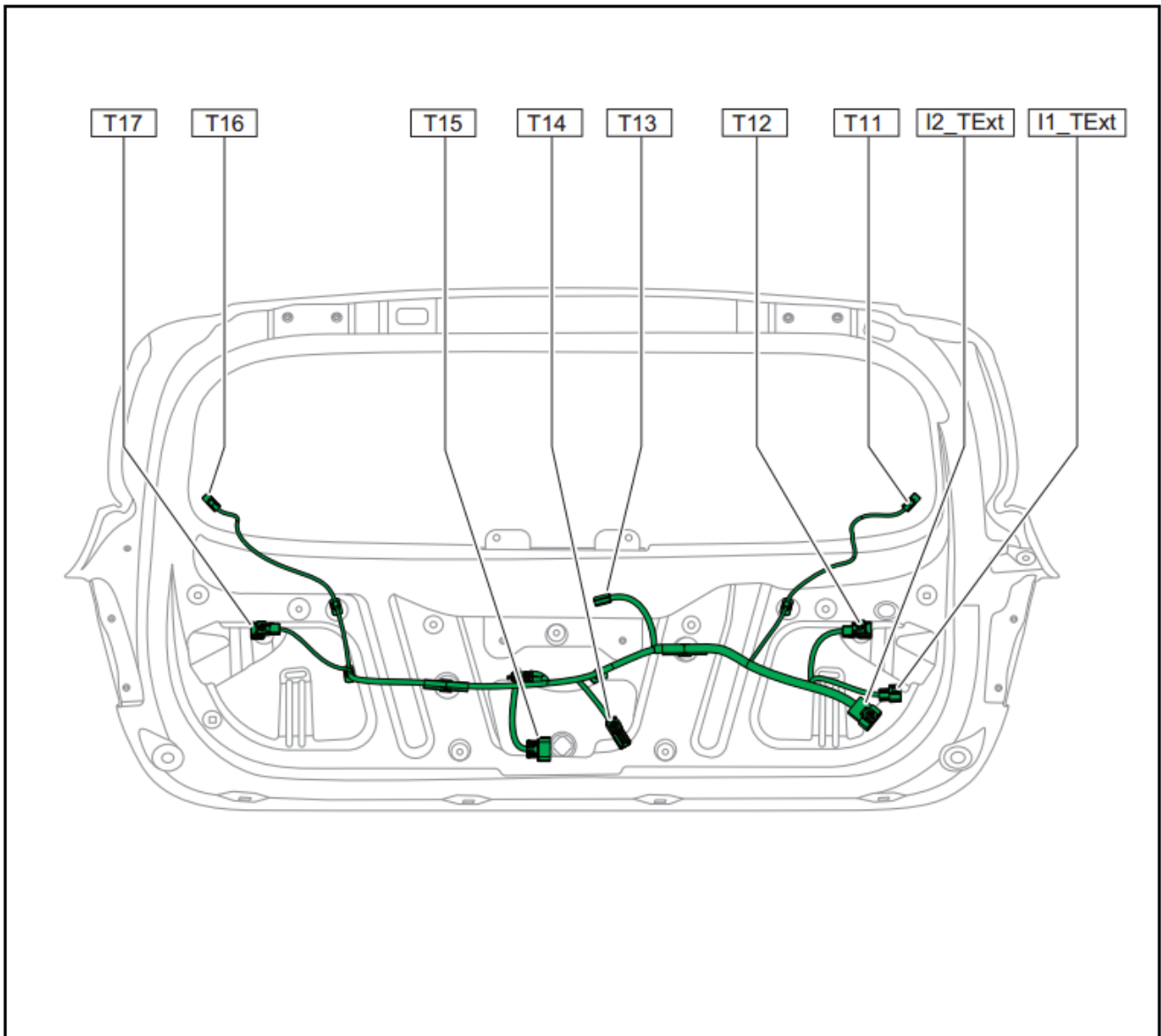


Layout Diagram of Right Door Harness

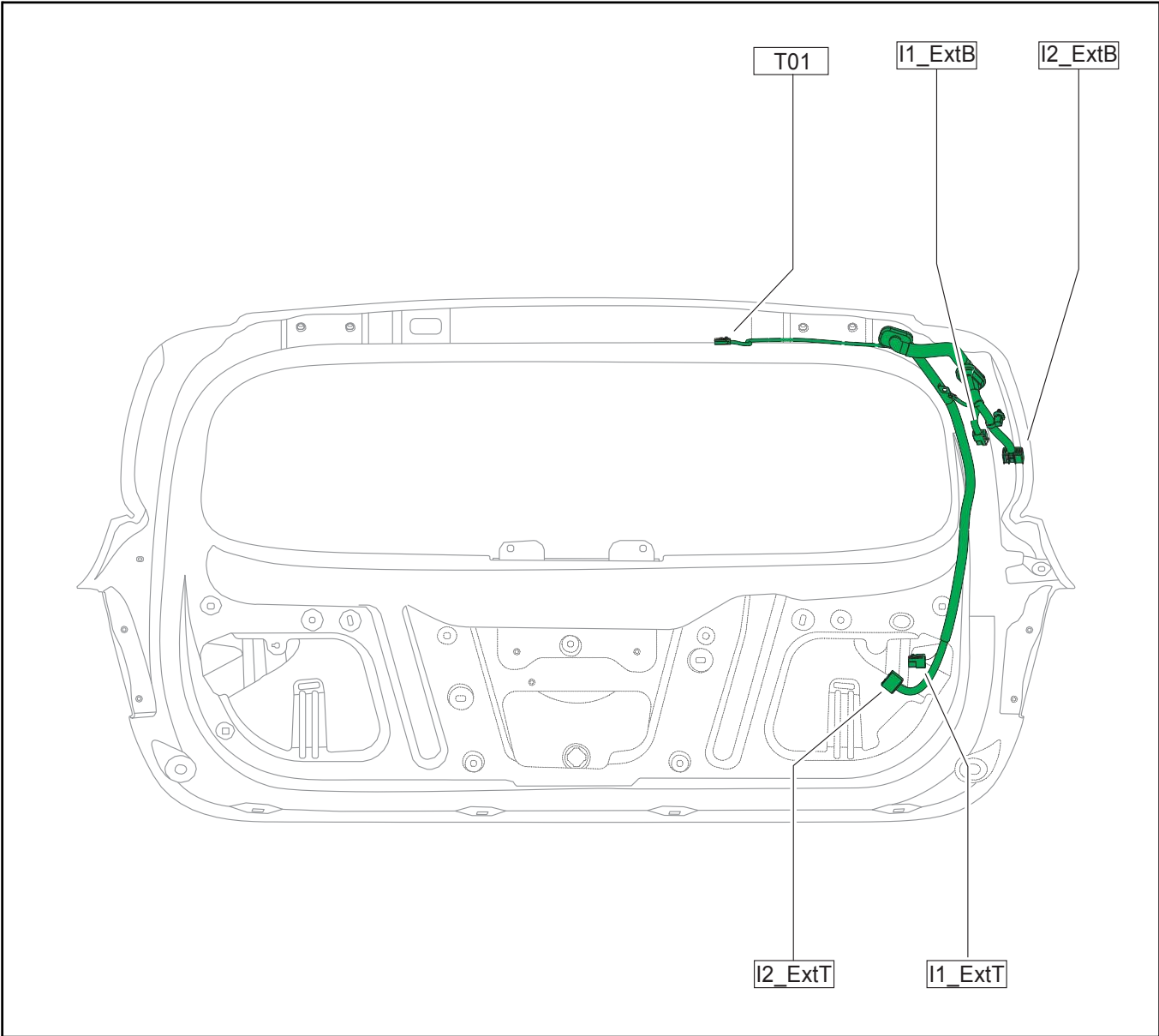


Harness Connector	Designation	Harness Connector	Designation
D01	Left Front Door Tweeter	D21	Harness Connector of Left Rear Window Motor
D03	Left Front Window Motor	D22	Harness Connector of Left Rear Door Lock
D04	Left Front Door Lock	D23	Harness Connector of Left Rear Door Woofer
D05	Left Front Door Woofer	D24	Harness Connector of Left Rear Window Switch
D06	Left Front Window Motor (Anti-Pinch)	D31	Harness Connector of Right Rear Window Motor
D07	Left Front Door Knob Sensor	D32	Harness Connector of Right Rear Door Lock
D08	Left Rearview Mirror	D33	Harness Connector of Right Rear Door Woofer
D12	Right Front Door Window Motor	D34	Harness Connector of Right Rear Window Switch
D13	Right Front Door Lock	RLDB	Connector of RL Door to Body Harness
D14	Right Front Door Woofer	FRDB	Connector of FR Door to Body Harness
D15	Right Front Door Tweeter	FLDB	Connector of FL Door to Body Harness
D16	Harness Connector of Right Front Window Switch	RRDB	Connector of RR Door to Body Harness
D17	Right Rearview Mirror		

Layout Diagram of Tail-Gate Harness



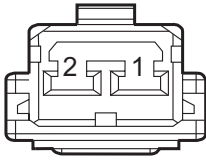
Layout Diagram of Tail-Gate Transition Harness



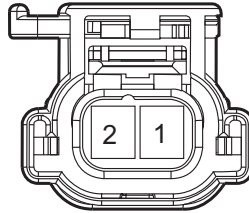
Harness Connector	Designation	Harness Connector	Designation
T01	High Braking Lamp	T17	Rear Reversing Light Connector
T11	Heating Wire Positive of Rear Defrost	I1_Ext	Tail-Gate Harness Connecting with Tail-Gate Transition Harness
T12	Left Rear Position Lamp	I2_Ext	Tail-Gate Harness Connecting with Tail-Gate Transition Harness II
T13	Rear Wiper Motor	I1_Ext	Tail-Gate Harness Connecting with Tail-Gate Transition Harness I
T14	Tail-Gate Opening Button	I2_ExtT	Tail-Gate Transition Harness Connecting with Tail-Gate Harness II
T15	Trunk Lock Harness Connector	I1_ExtB	Tail-Gate Transition Harness Connecting with Body Harness I
T16	Heating Wire Negative of Rear Defrost	2 ExtB	Tail-Gate Transition Harness Connecting with Body Harness

Terminal Diagram of Door Harness

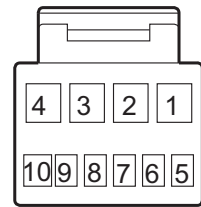
D01 Connector of Left Front Door Tweeter



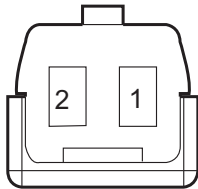
D03 Connector of Left Front Window Motor



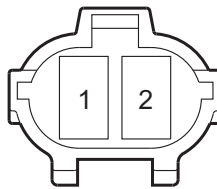
D04 Connector of Left Front Door Lock



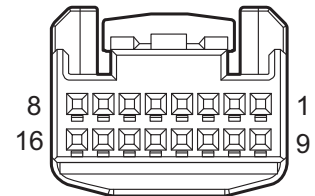
D05 Connector of Left Front Door Woofer



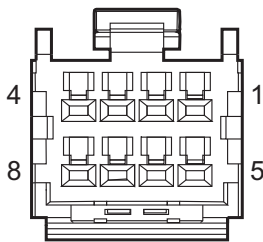
D06 Connector of Left Front Door Knob Sensor



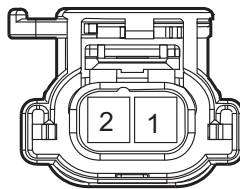
D07 Left Front Window Motor (Anti-Pinch)



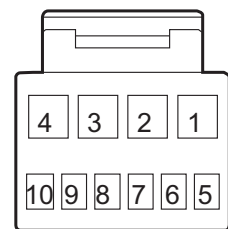
D08 Connector of Left Rear view Mirror



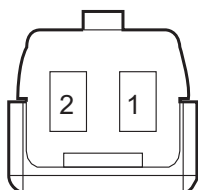
D12 Connector of Right Front Door Window Motor



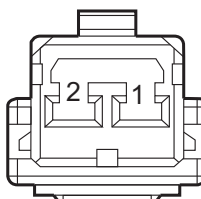
D13 Connector of Right Front Door Lock



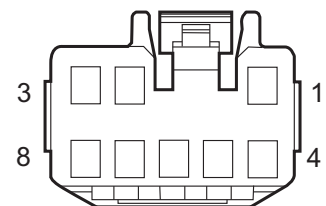
D14 Connector of Right Front Door Woofer



D15 Connector of Right Front Door Tweeter

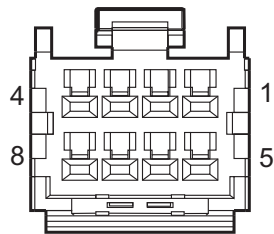


D16 Connector of Harness Connector of Right Front Window Switch

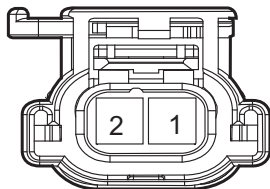


Terminal Diagram of Door Harness (Continued 1)

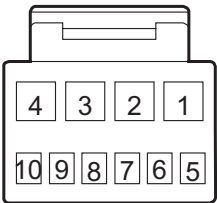
D17 Right Rear view Mirror



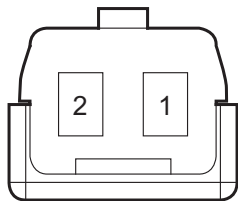
D21 Harness Connector of Left Rear Window Motor



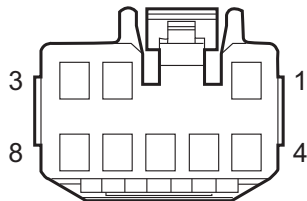
D22 Harness Connector of Left Rear Door Lock



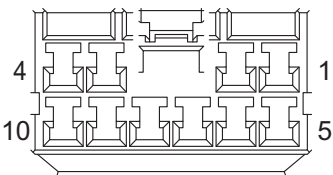
D23 Harness Connector of Left Rear Door Lock



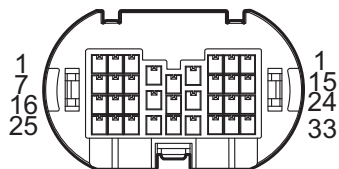
D24 Harness Connector of Left Rear Window Switch



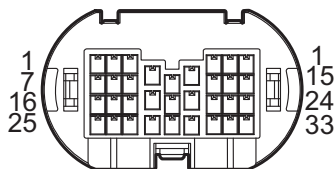
I_RLDB Connector of RL Door to Body Harness



I_FLDB Connector of FL Door to Body Harness

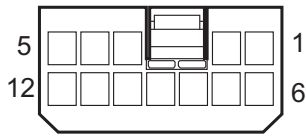


I_FRDB Connector of FR Door to Body Harness

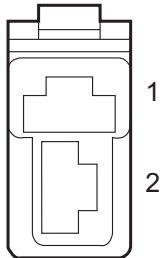


Transition Terminal Diagram of Tail Gate Harness

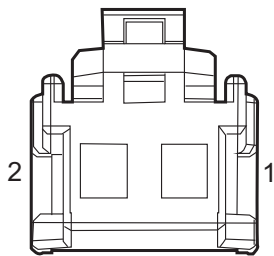
I2_ExtB Tail-Gate Transition Harness
Connecting with Tail-Gate Harness II



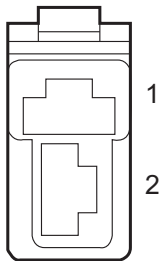
I1_ExtB Tail-Gate Harness
Connecting with Tail-Gate
Transition Harness I



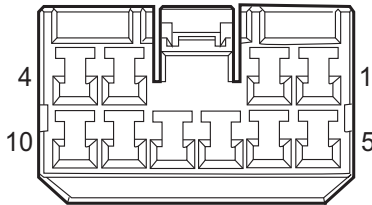
T01 Connector of High Braking Lamp



I1_ExtT Tail-Gate Transition Harness
Connecting with Body Harness I

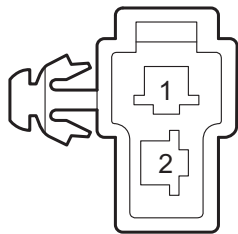


I2_ExtT Tail-Gate Transition Harness
Connecting with Body Harness II

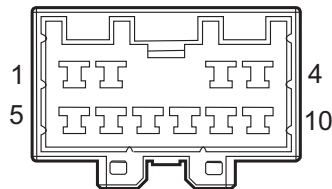


Terminal Diagram of Tail Gate

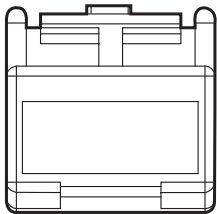
I1_Text Tail-Gate Harness Connecting
with Tail-Gate Transition Harness I



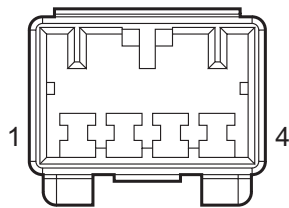
I2_Text Tail-Gate Harness Connecting
with Tail-Gate Transition Harness II



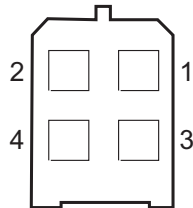
T11 Heating Wire
Positive of Rear Defrost



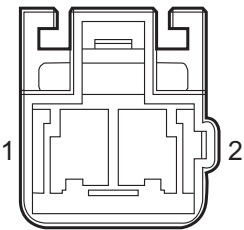
T12 Left Reversing Combination
Light



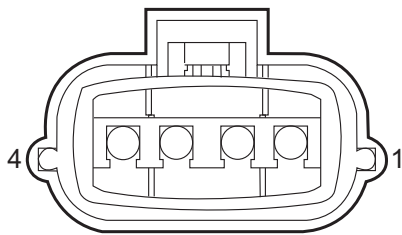
T13 Rear Wiper Motor



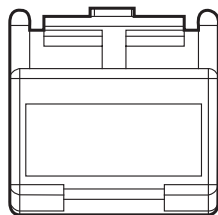
T14 Tail-Gate Opening Button



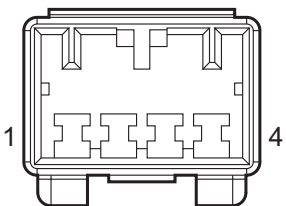
T15 Trunk Lock Harness Connector



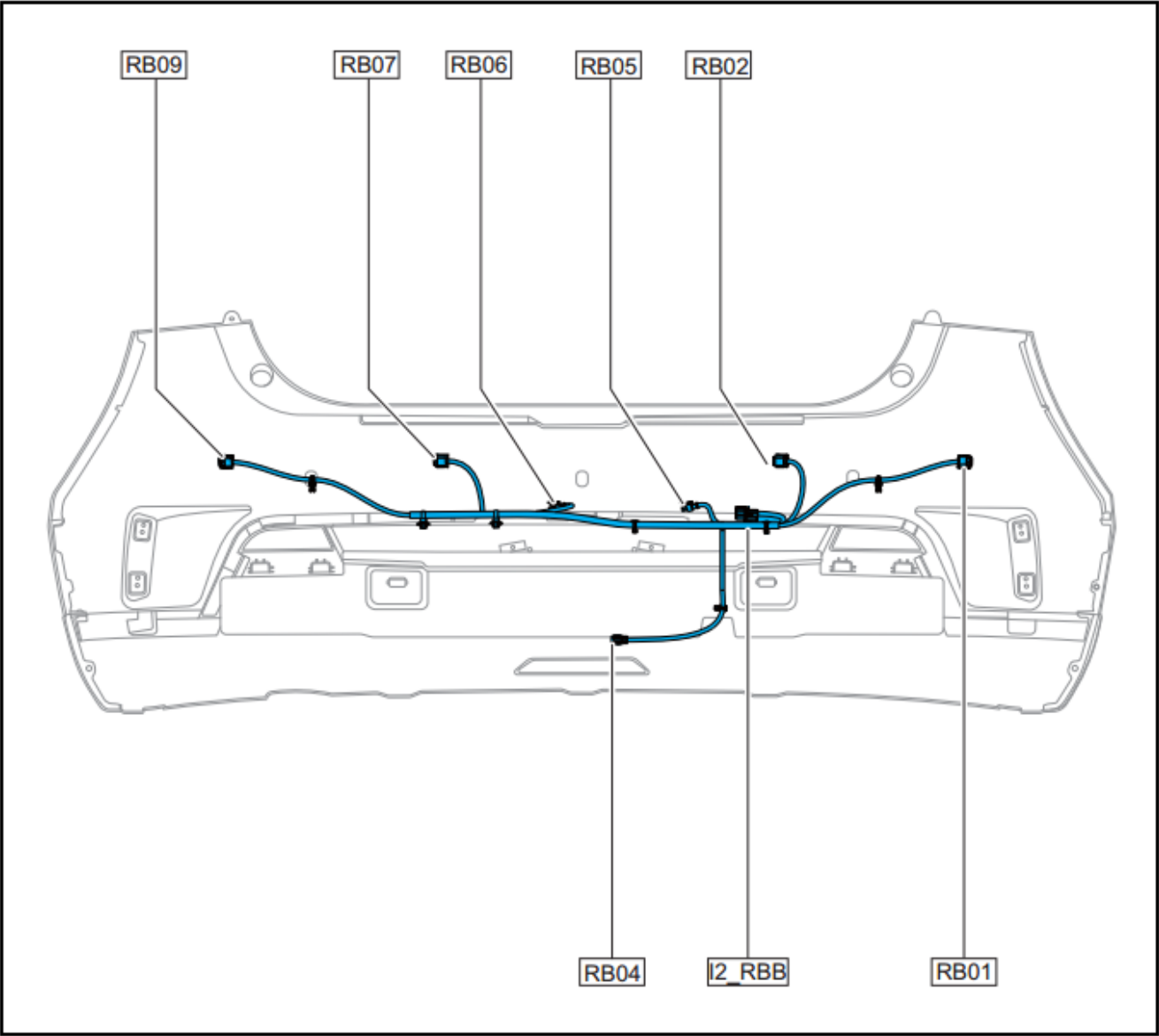
T16 Heating Wire
negative of Rear Defrost



T17 Right Reversing Combination
Light



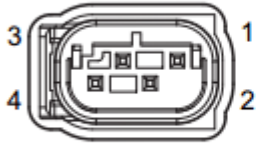
Layout Diagram of Reversing Radar Harness



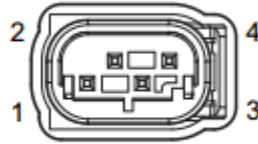
Harness Connector	Designation	Harness Connector	Designation
RB01	Harness Connector of Left Reversing Lamp	RB06	Harness Connector of Right License Plate Lamp
RB02	Harness Connector of Reversing Radar Sensor on the middle left	RB07	Harness Connector of Reversing Radar Sensor On the middle right
RB04	Harness Connector of Rear Foglamp	RB08	Harness Connector of Right Reversing Lamp
RB05	Harness Connector of Left License Plate Lamp	I_RBB	Reversing Radar Harness Connecting with Body 2

Terminal Diagram of Reversing Radar Harness

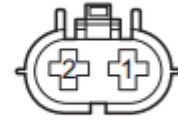
RB01 Harness Connector of Left Reversing Lamp



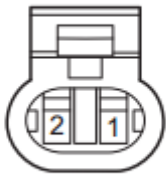
RB02 Harness Connector of Left License Plate



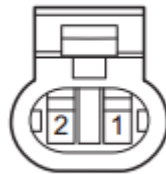
RB03 Harness Connector of Rear Fog lamp



RB04 Harness Connector of Left License Plate Lamp



RB05 Harness Connector of Right License Plate Lamp



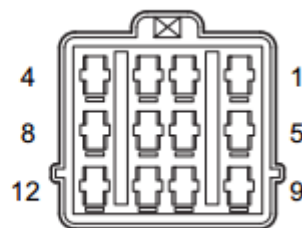
RB06 Harness Connector Reversing Radar Sensor On the middle right



RB07 Harness Connector of Right Reversing Lamp



RB08 Reversing Radar Harness Connecting with Body 2

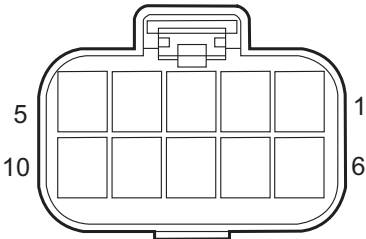


Layout Diagram of Front Radar Harness

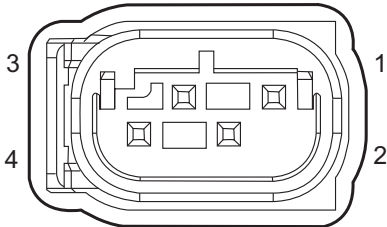
Connector	Designation	Connector	Designation
FB01	LF Radar Sensor	FB04	RF Radar Sensor
FB02	Front Radar Sensor on the middle left	FB05	Front Camera
FB03	Front Radar Sensor on the middle Right	I_FBE	Front Radar to Engine Harness

Terminal Diagram of Front Radar Harness

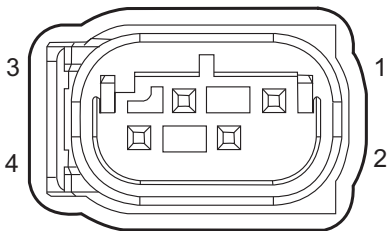
I_FBE Front Radar to Engine Harness



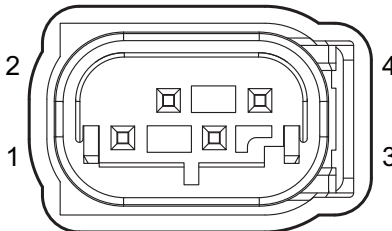
FB01 LF Radar Sensor



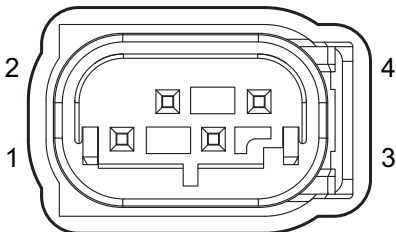
FB02 Front Radar Sensor on the middle left



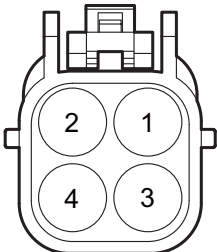
FB03 Front Radar Sensor on the middle Right



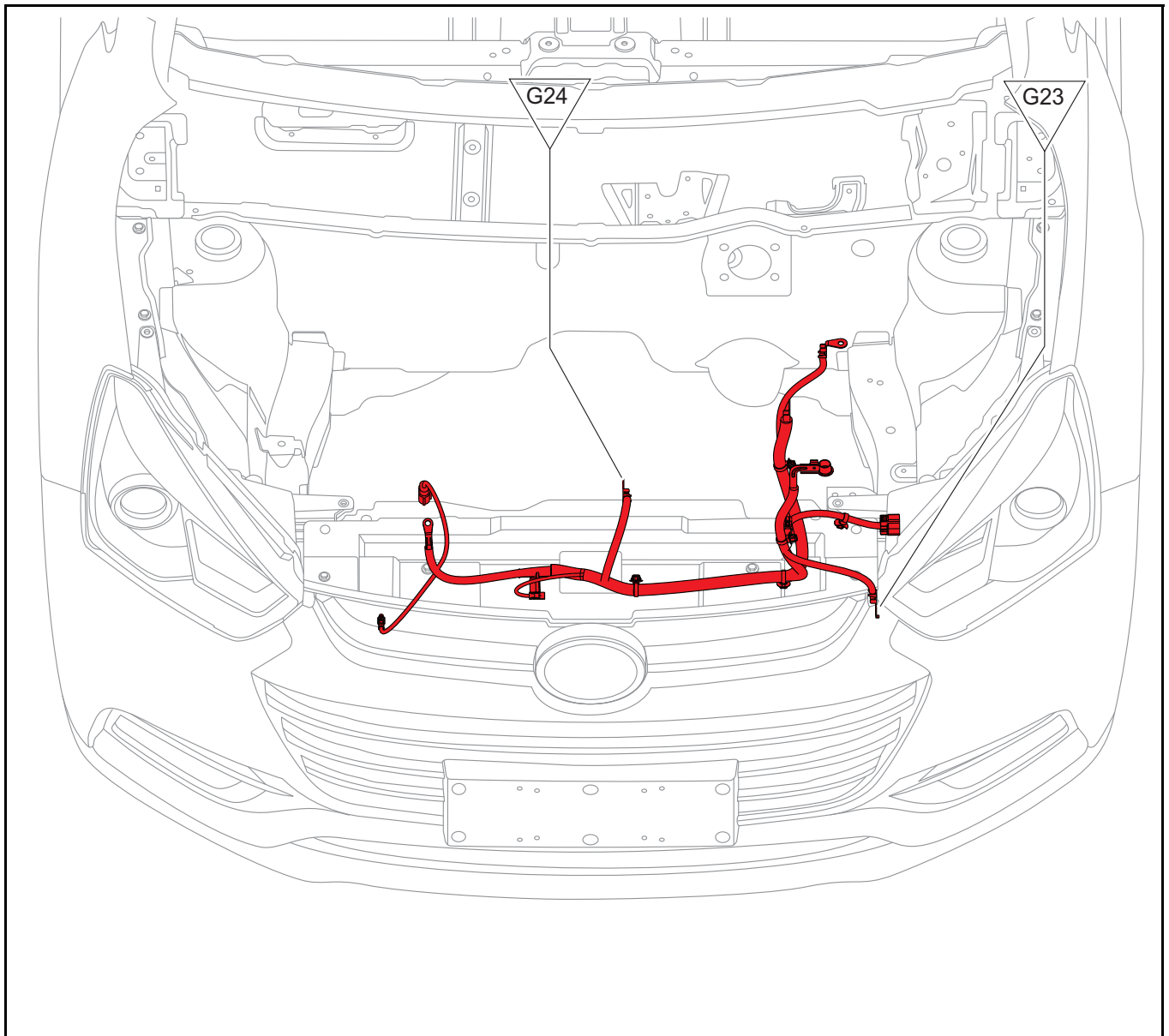
FB04 RF Radar Sensor



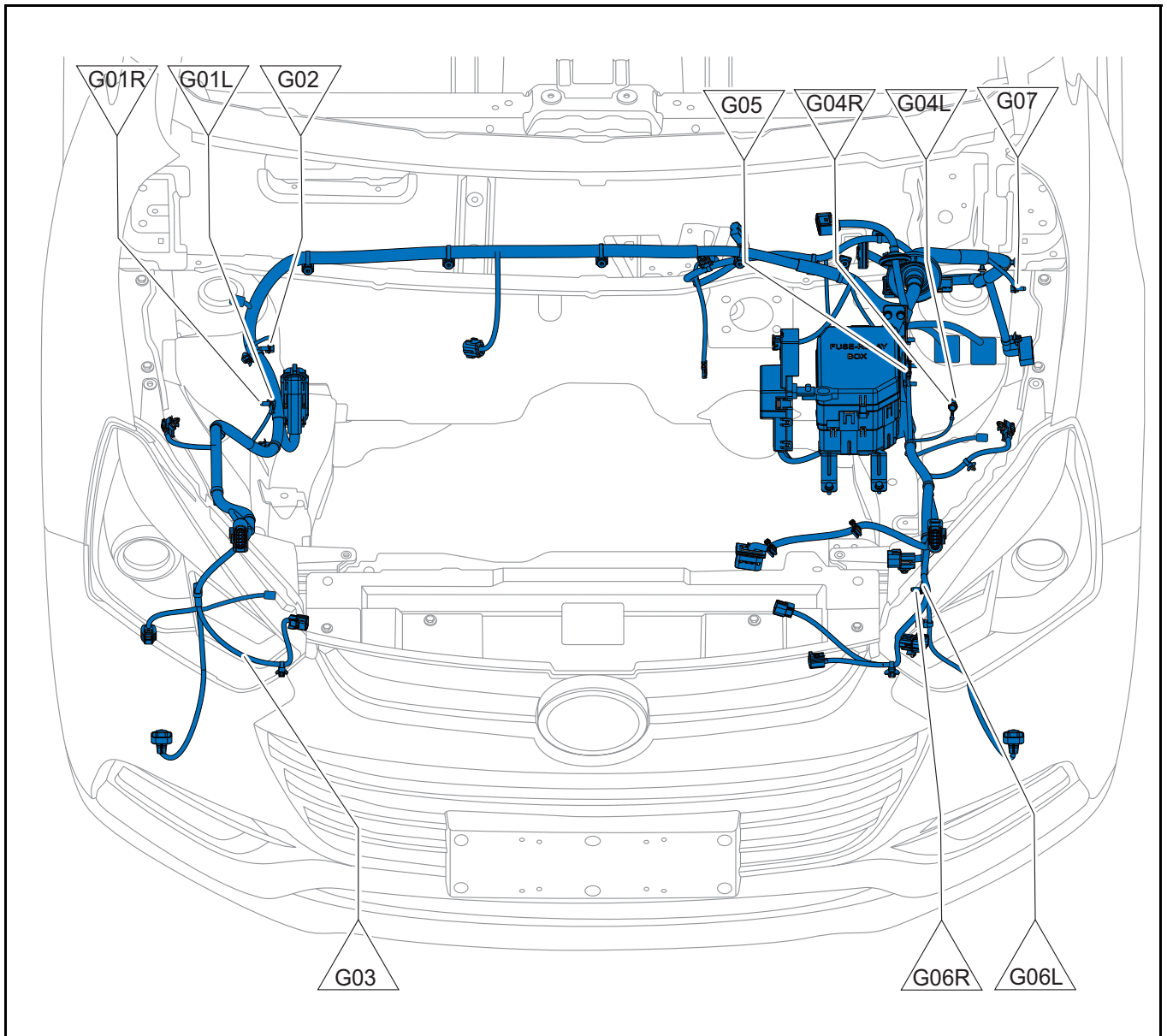
FB05 Front Camera



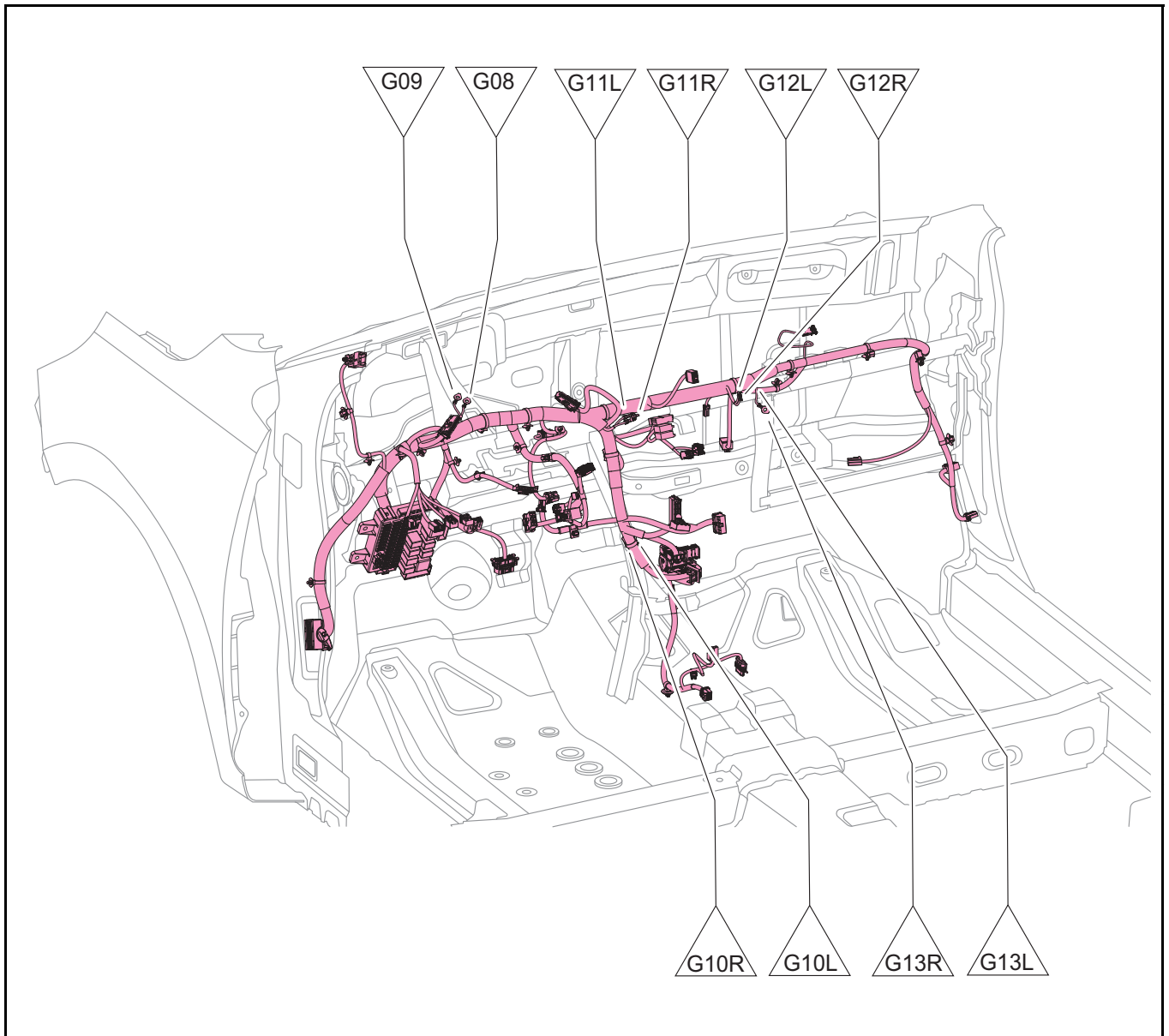
Layout Diagram of Power Supply Harness Ground



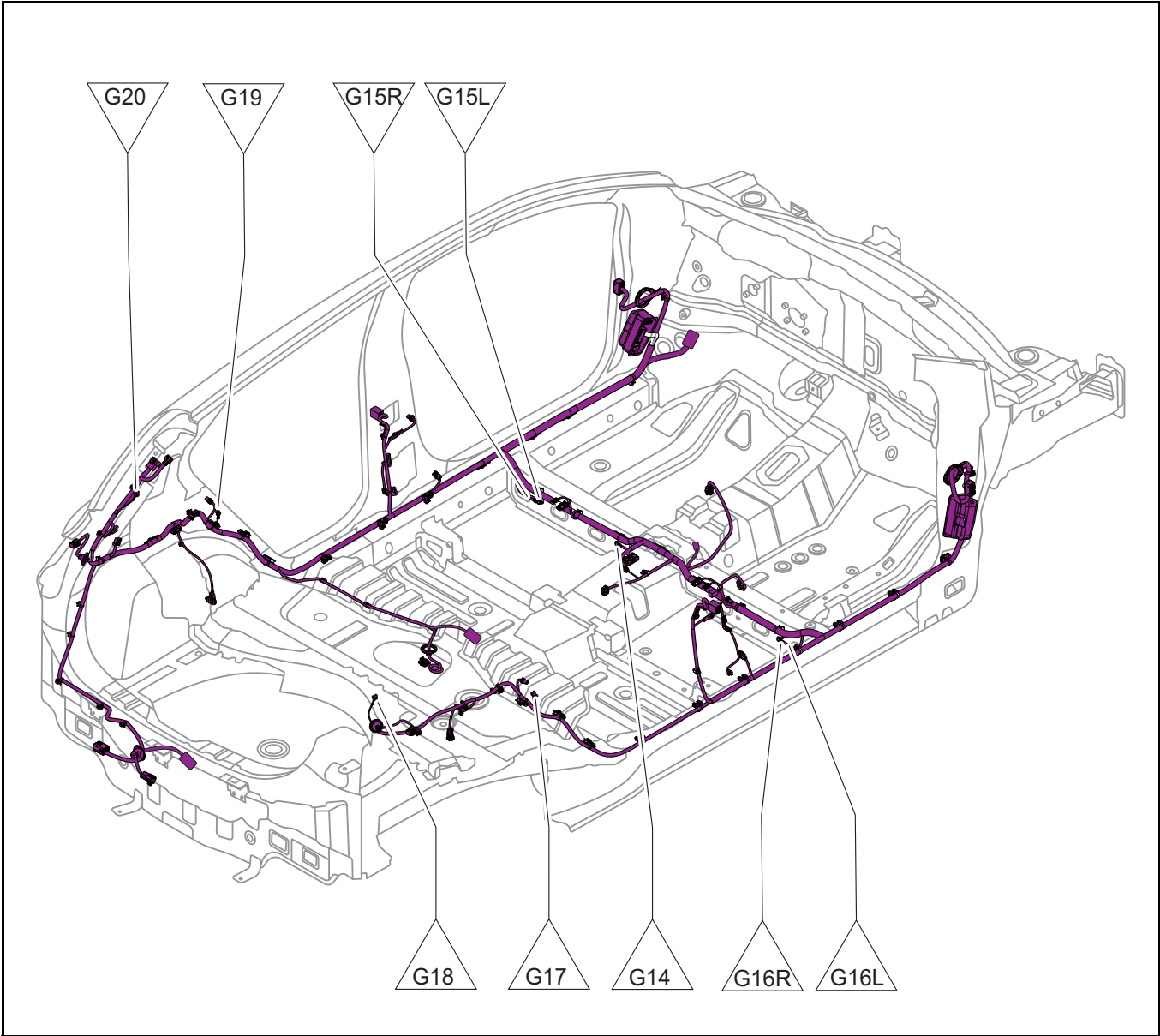
Layout Diagram of Power Supply Harness Ground



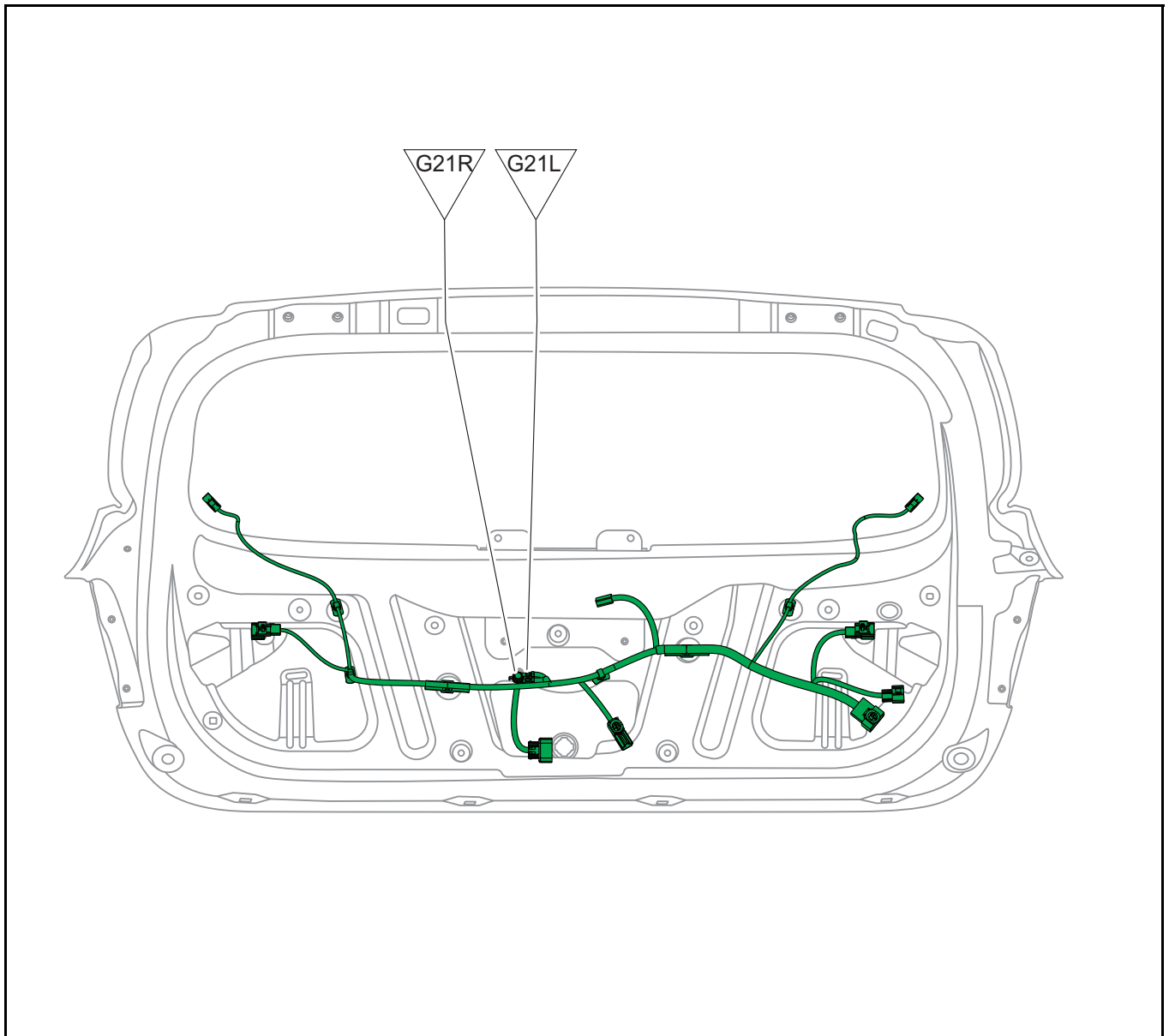
Layout Diagram of Main Harness Ground



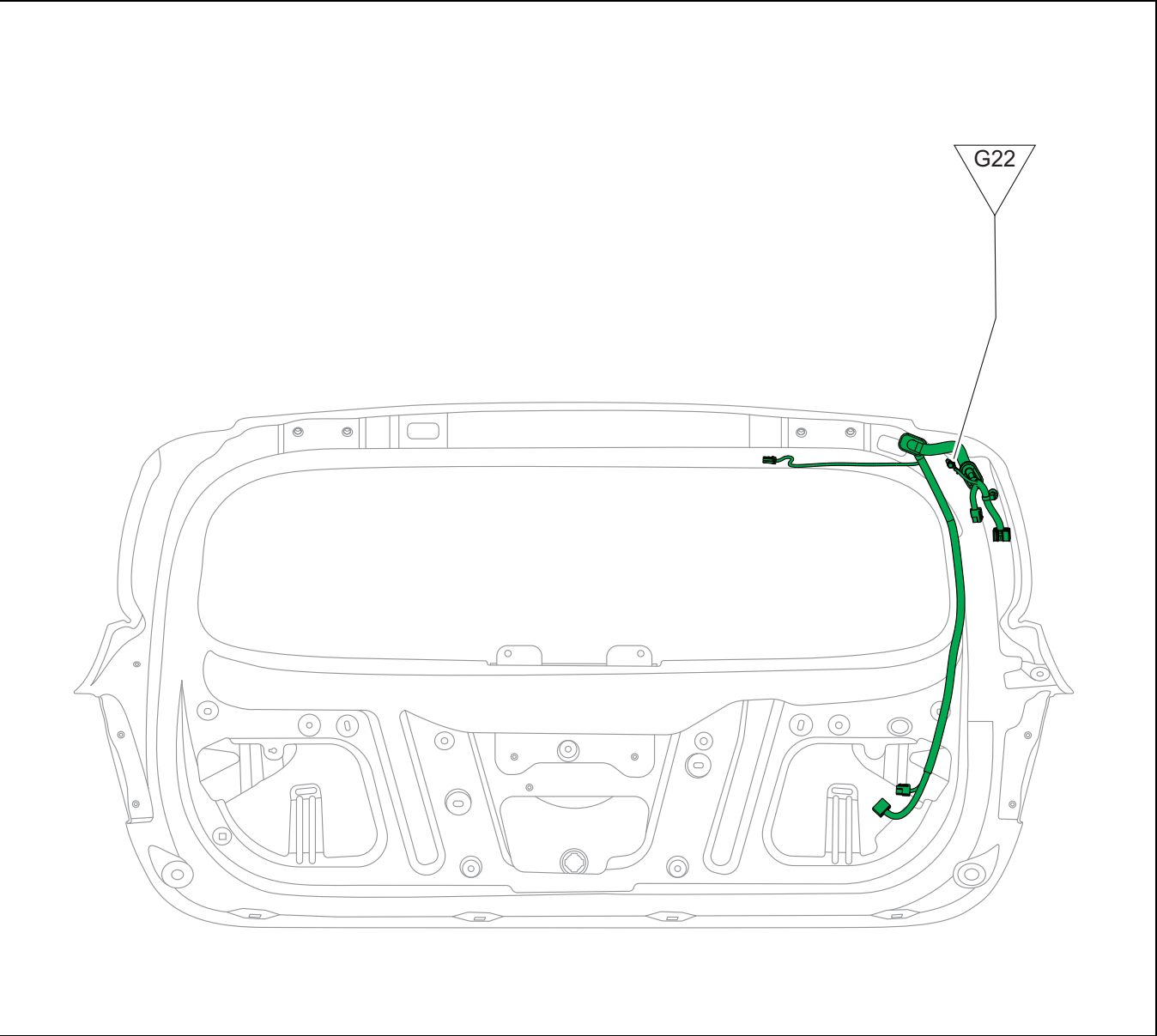
Layout Diagram of Body Harness Ground



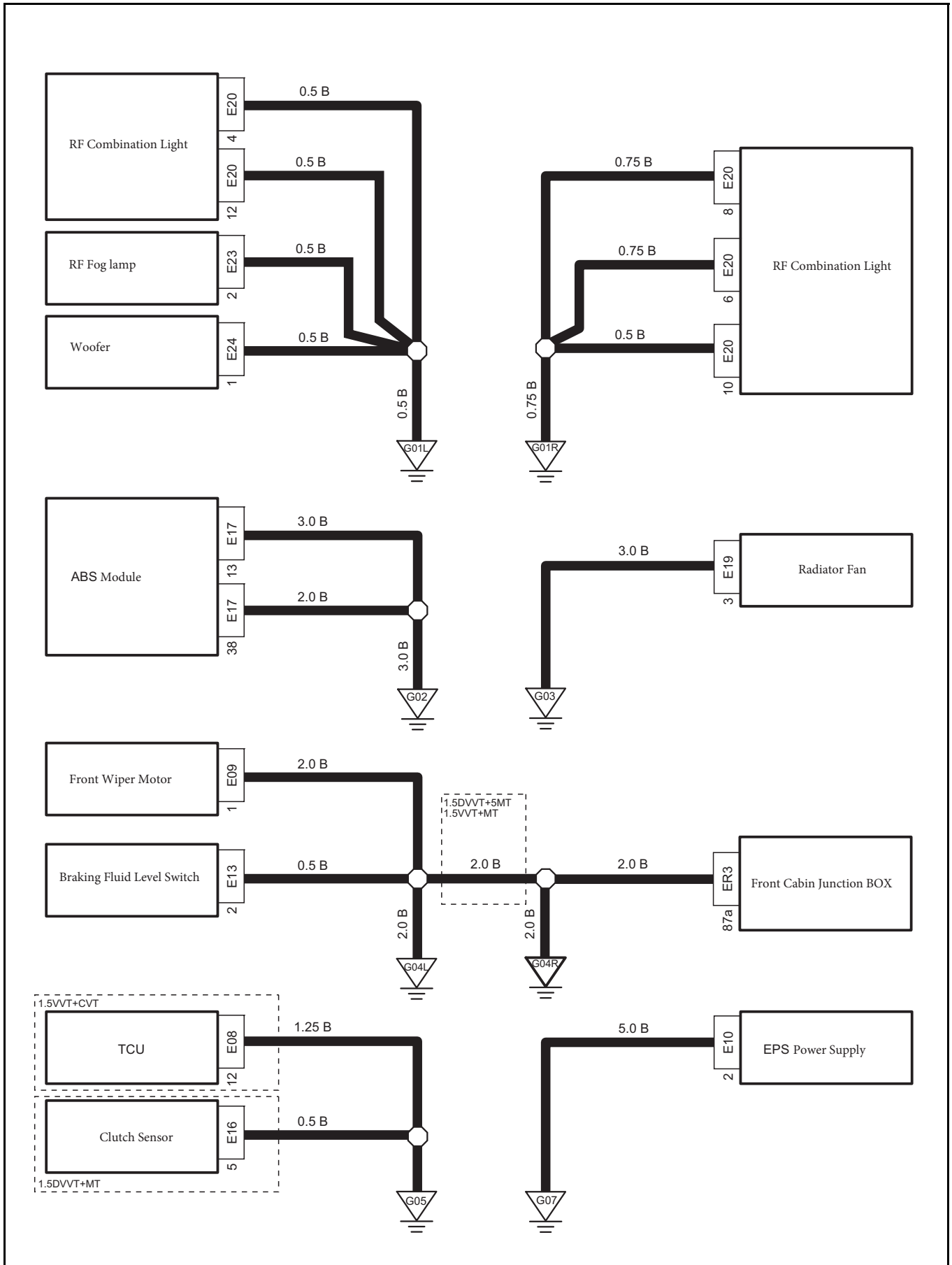
Layout Diagram of Tail Gate Harness Ground



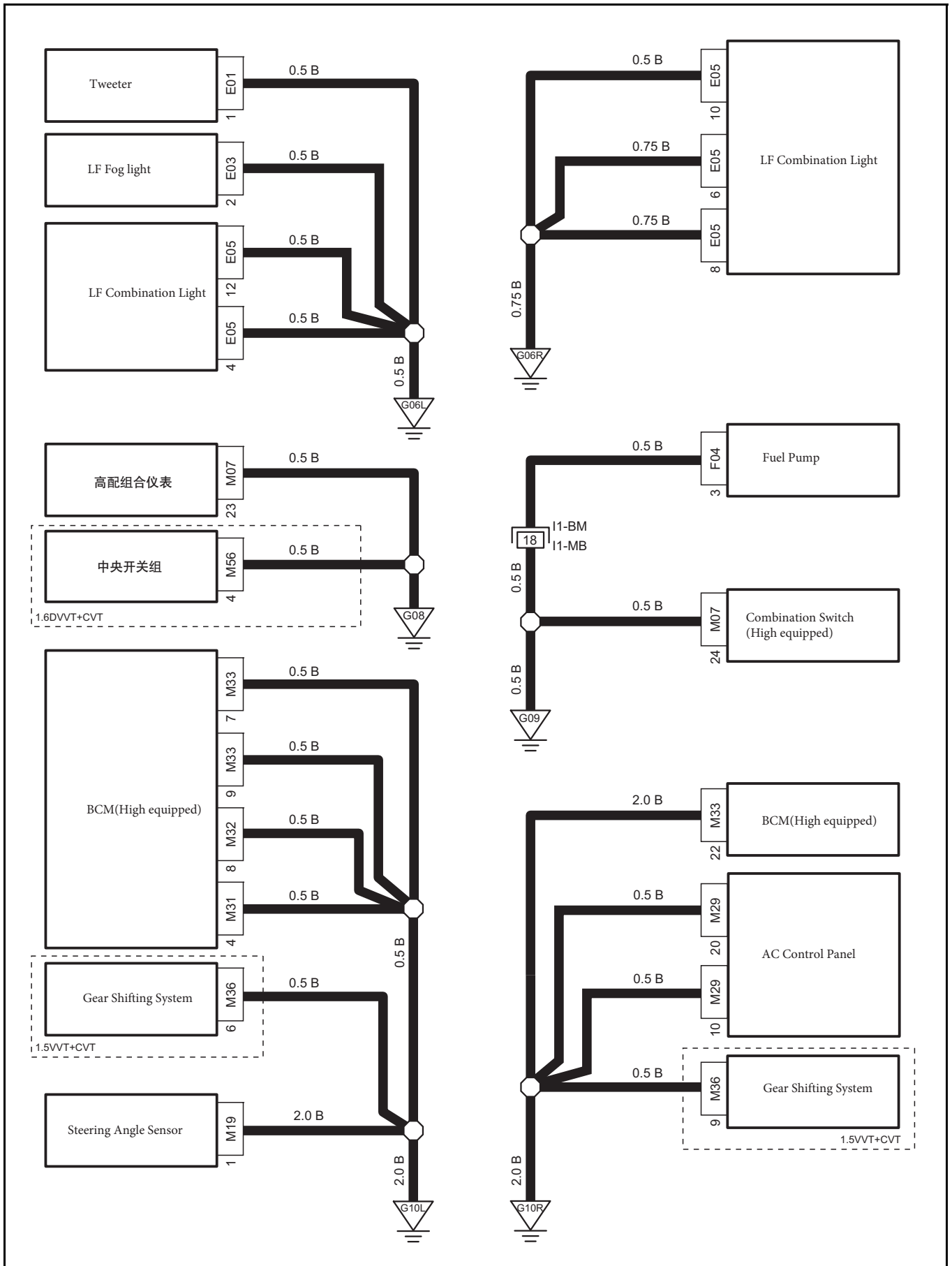
Layout Diagram of Tail Gate Transition Harness Ground



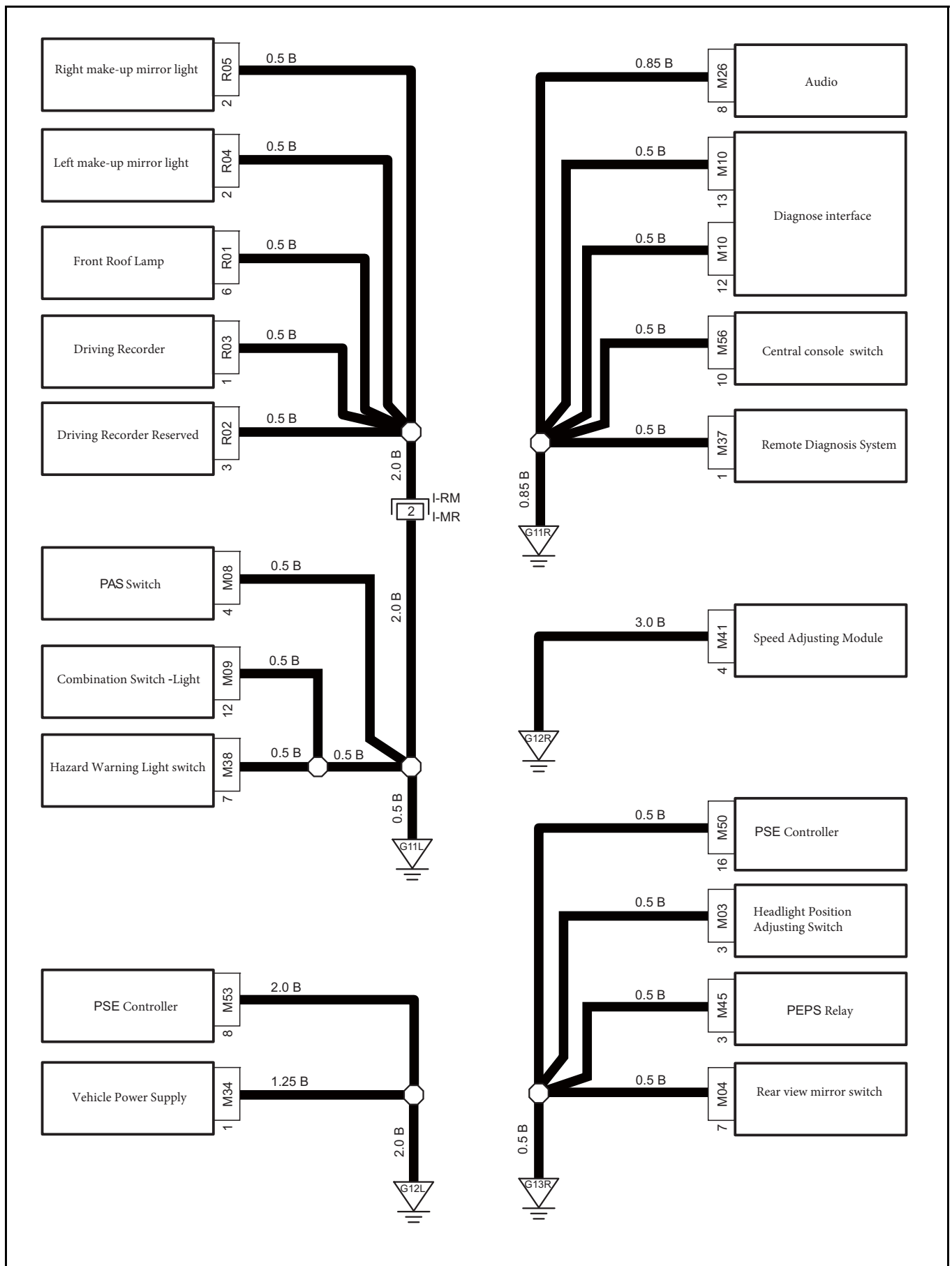
Grounding Diagram 1(G01L,G01R,G03,G04,G04R,G05,G07)



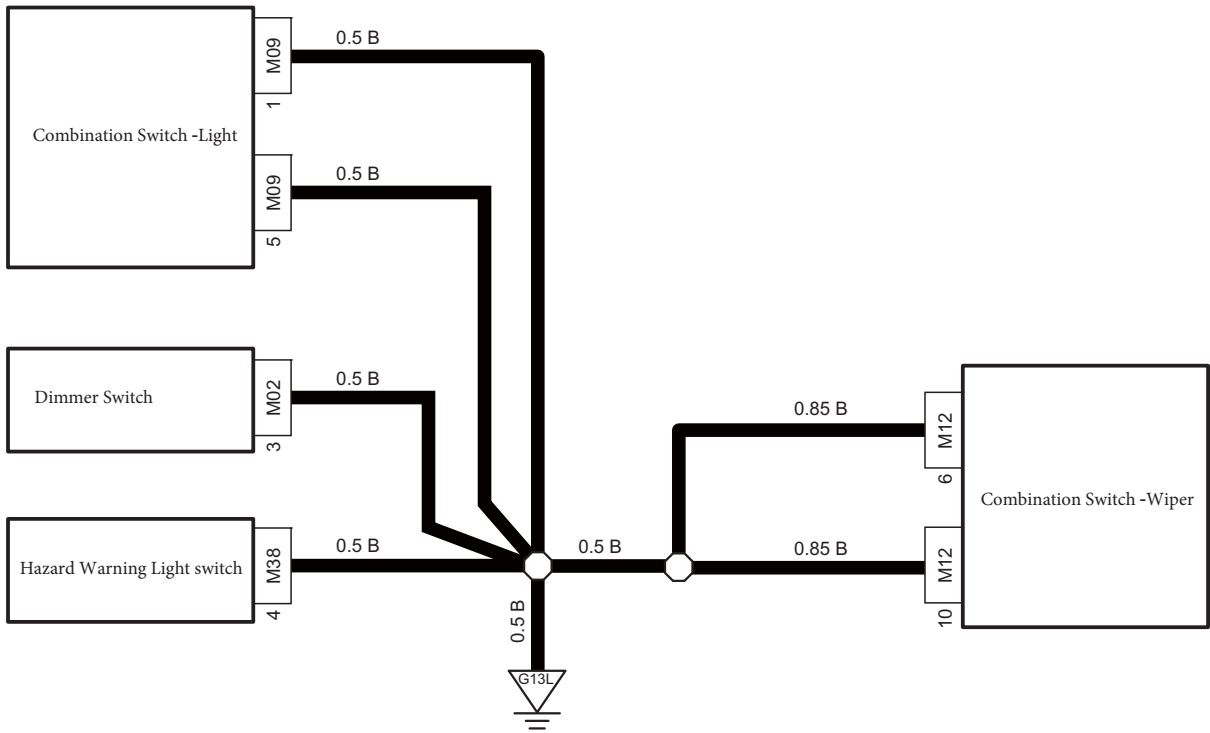
Grounding Diagram 2(G06L,G06R,G08,G010R,G 10L)



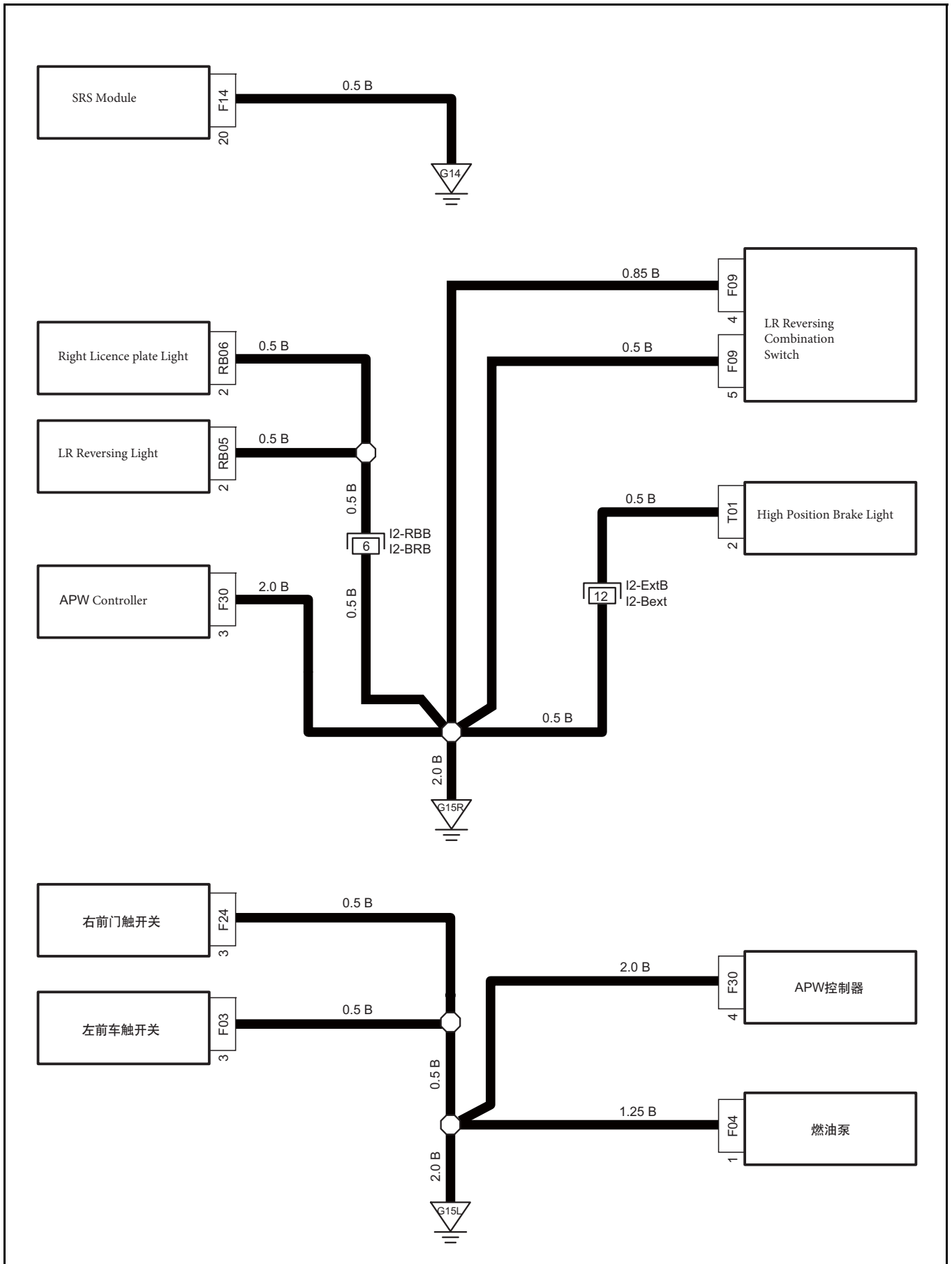
Grounding Diagram 3(G11L,G11R,G12L,G12R,G 13R)



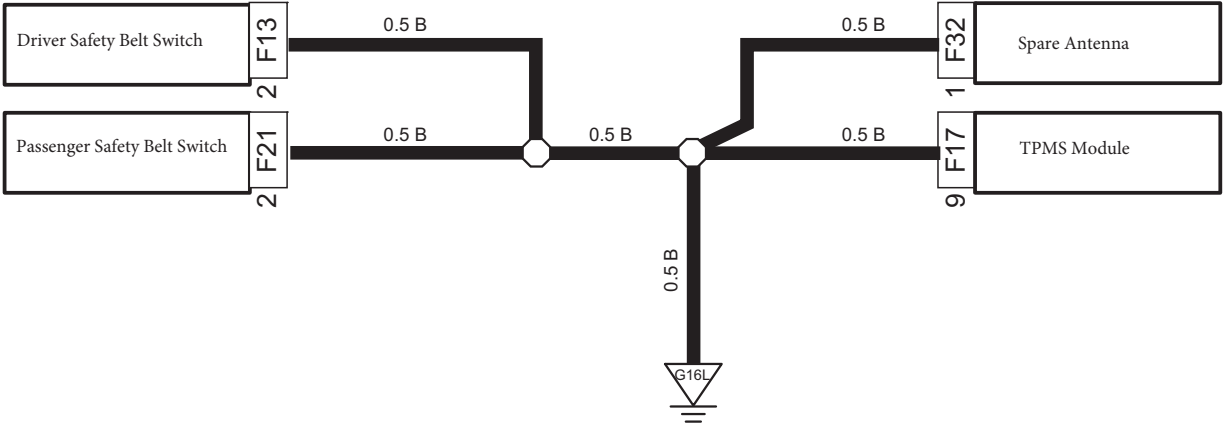
Grounding Diagram 4(G13L)



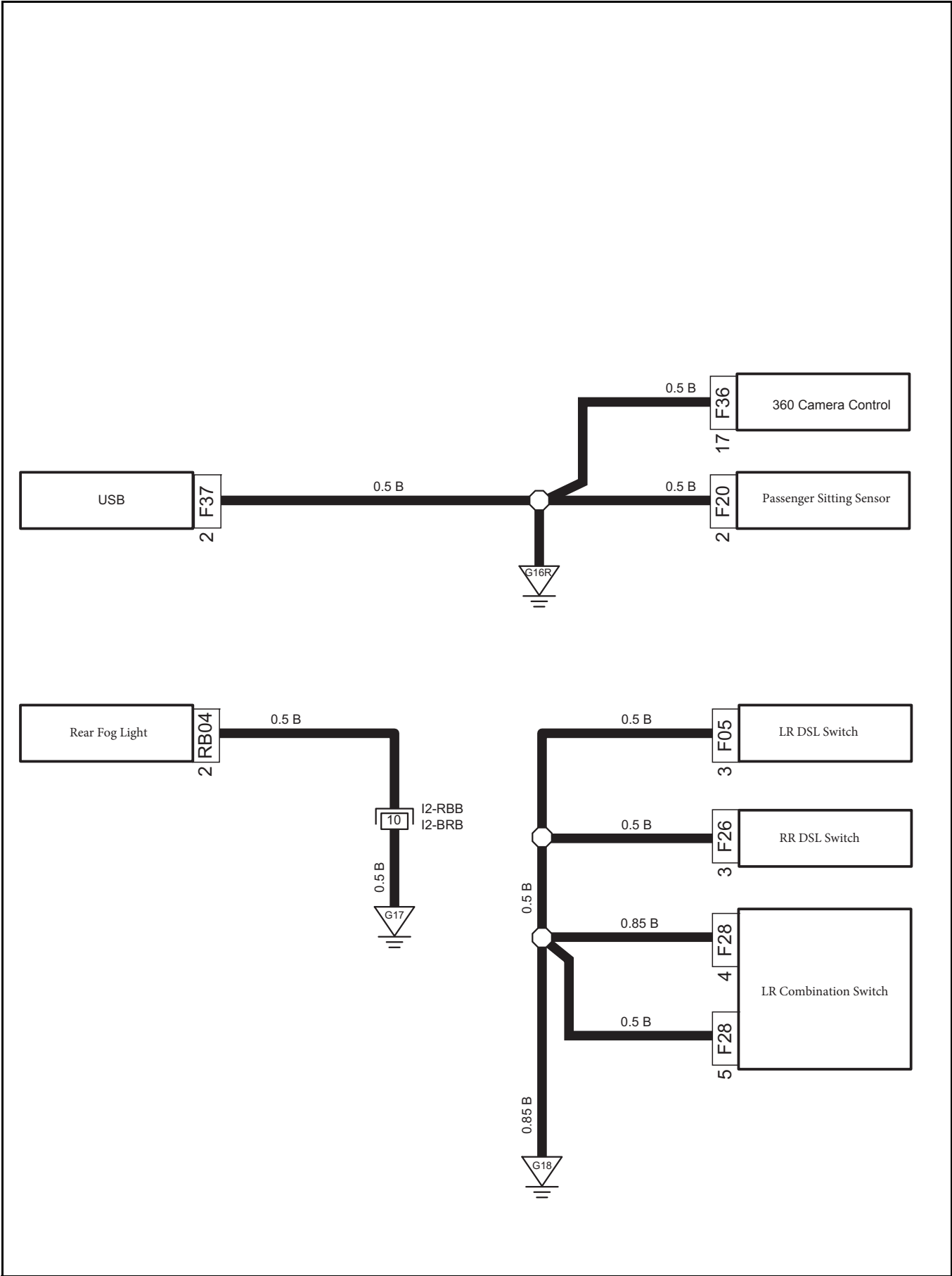
Grounding Diagram 5(G14,G15R,G15L)



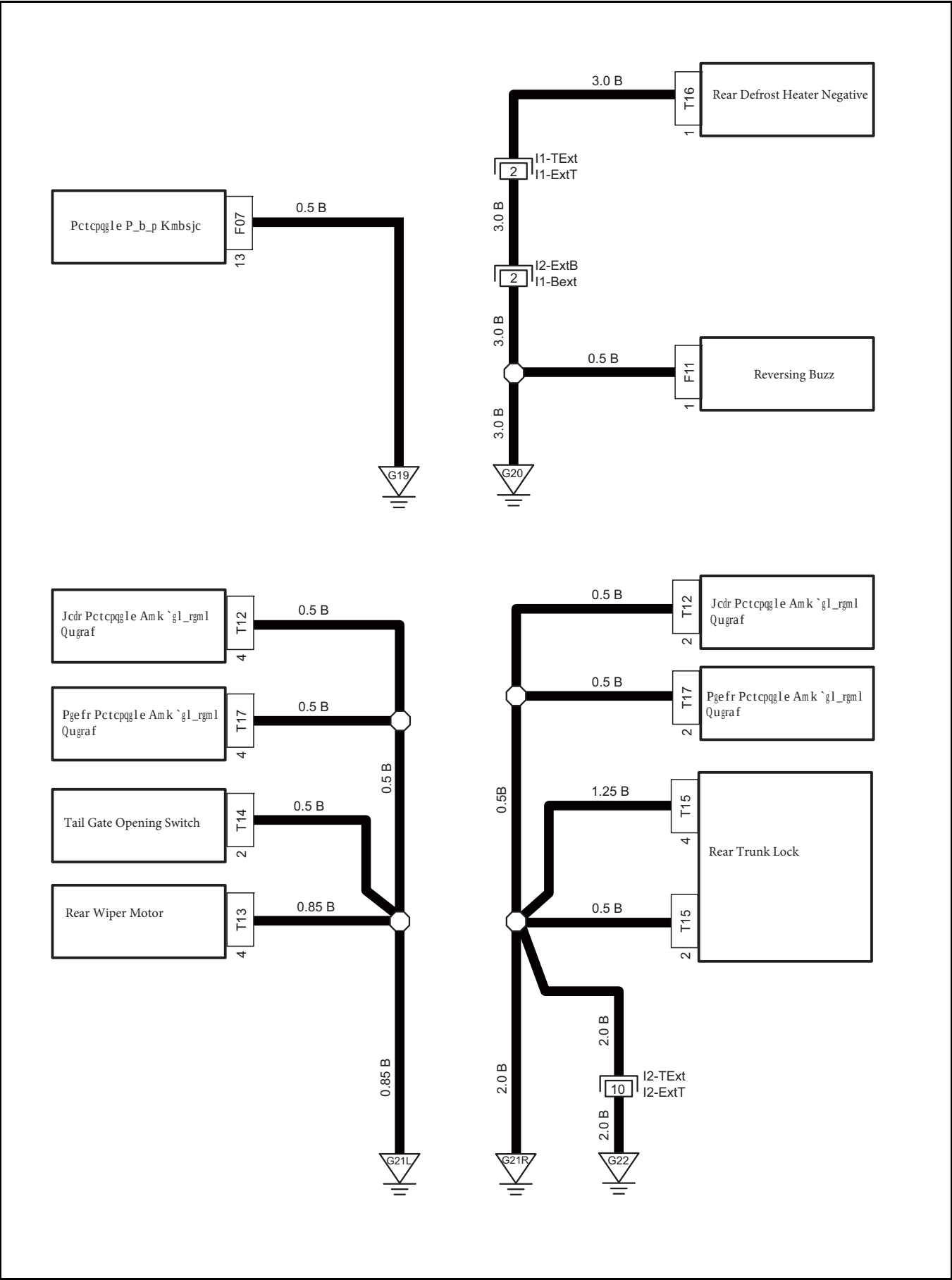
Grounding Diagram 6(G 16L)



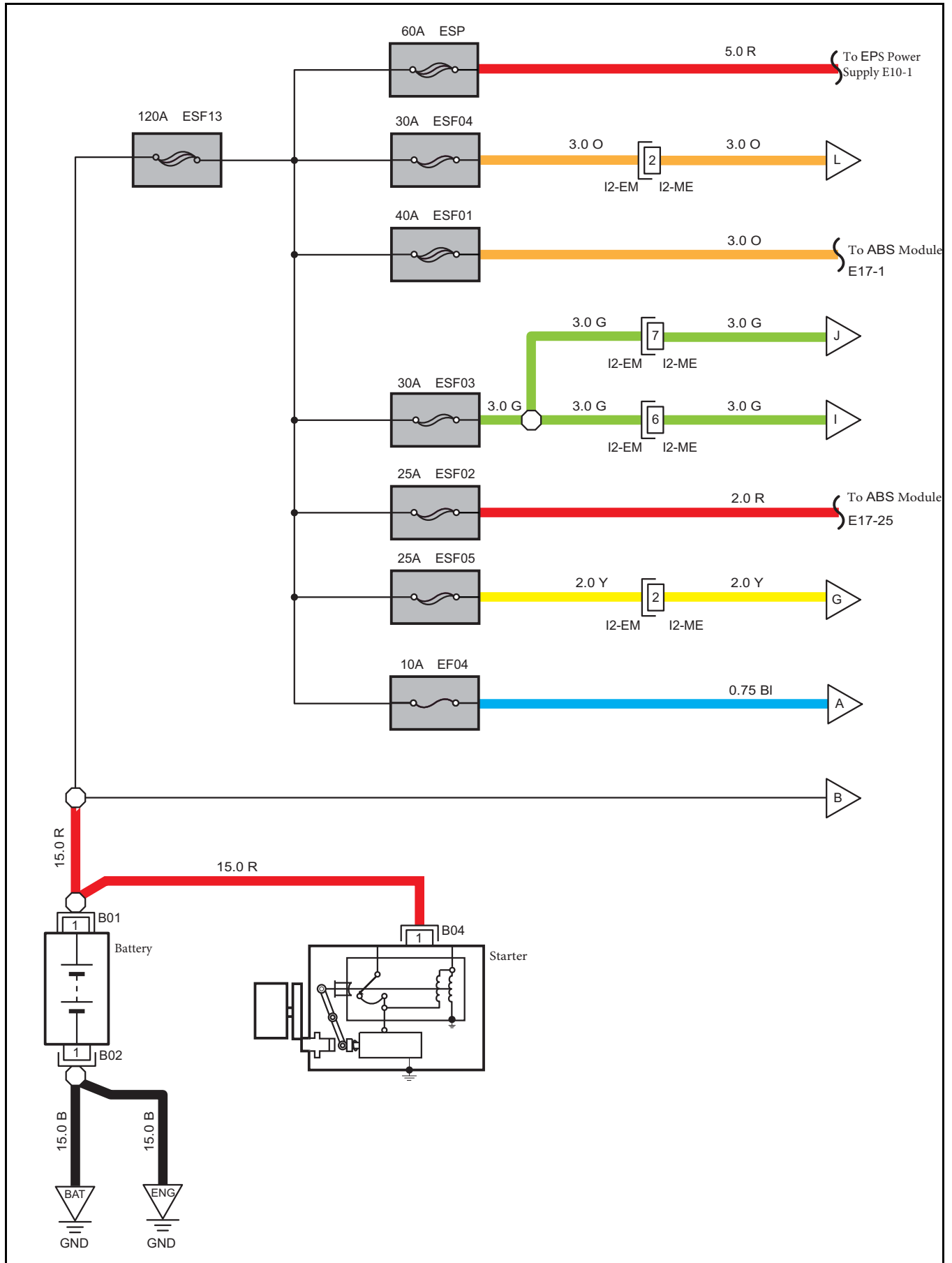
Grounding Diagram 7(G 16R,G17,G18)



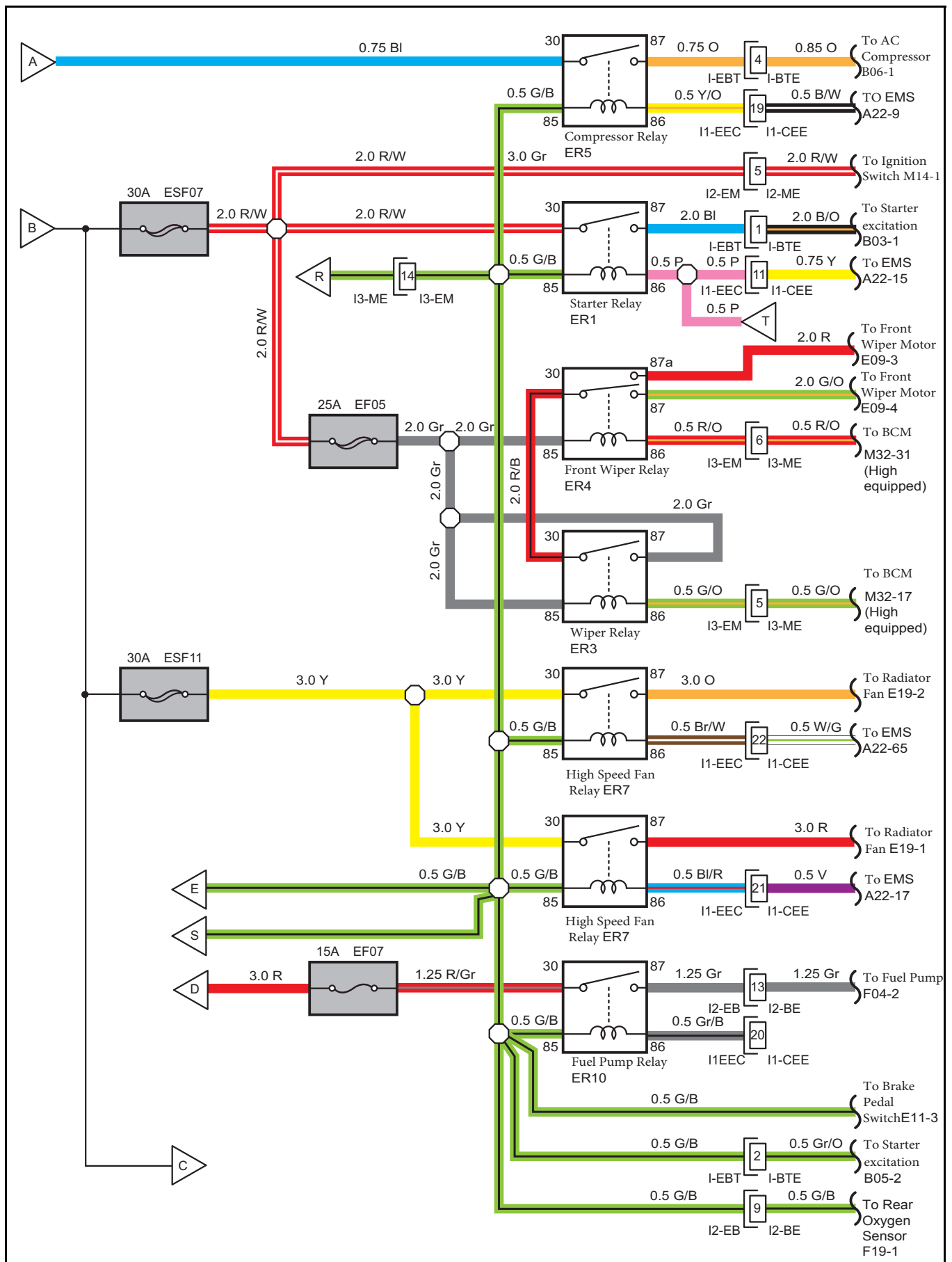
Grounding Diagram 8(G 19,G20,G21L G21R G22)

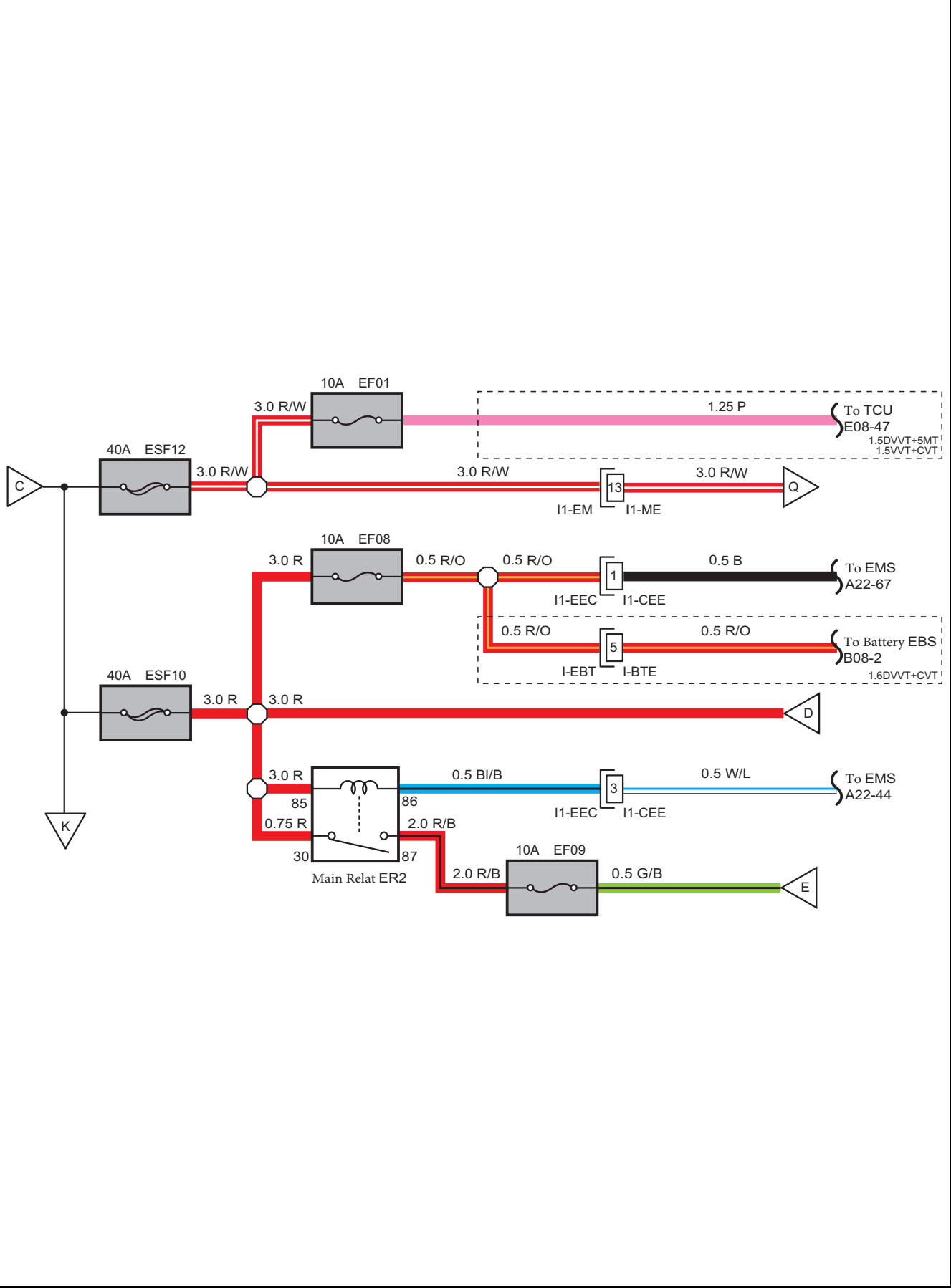


Power Supply Distribution Diagram 1

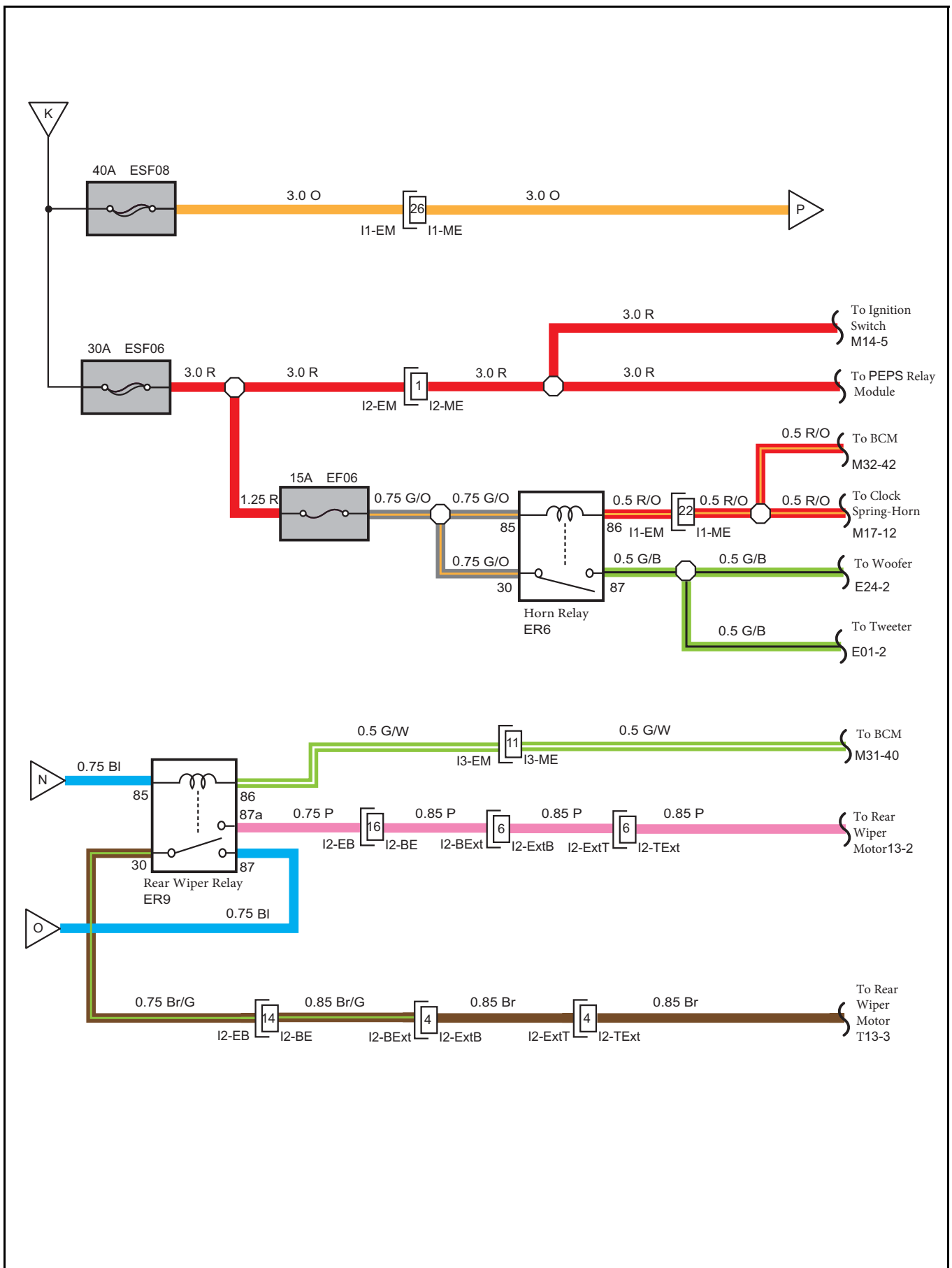


Power Supply Distribution Diagram 2

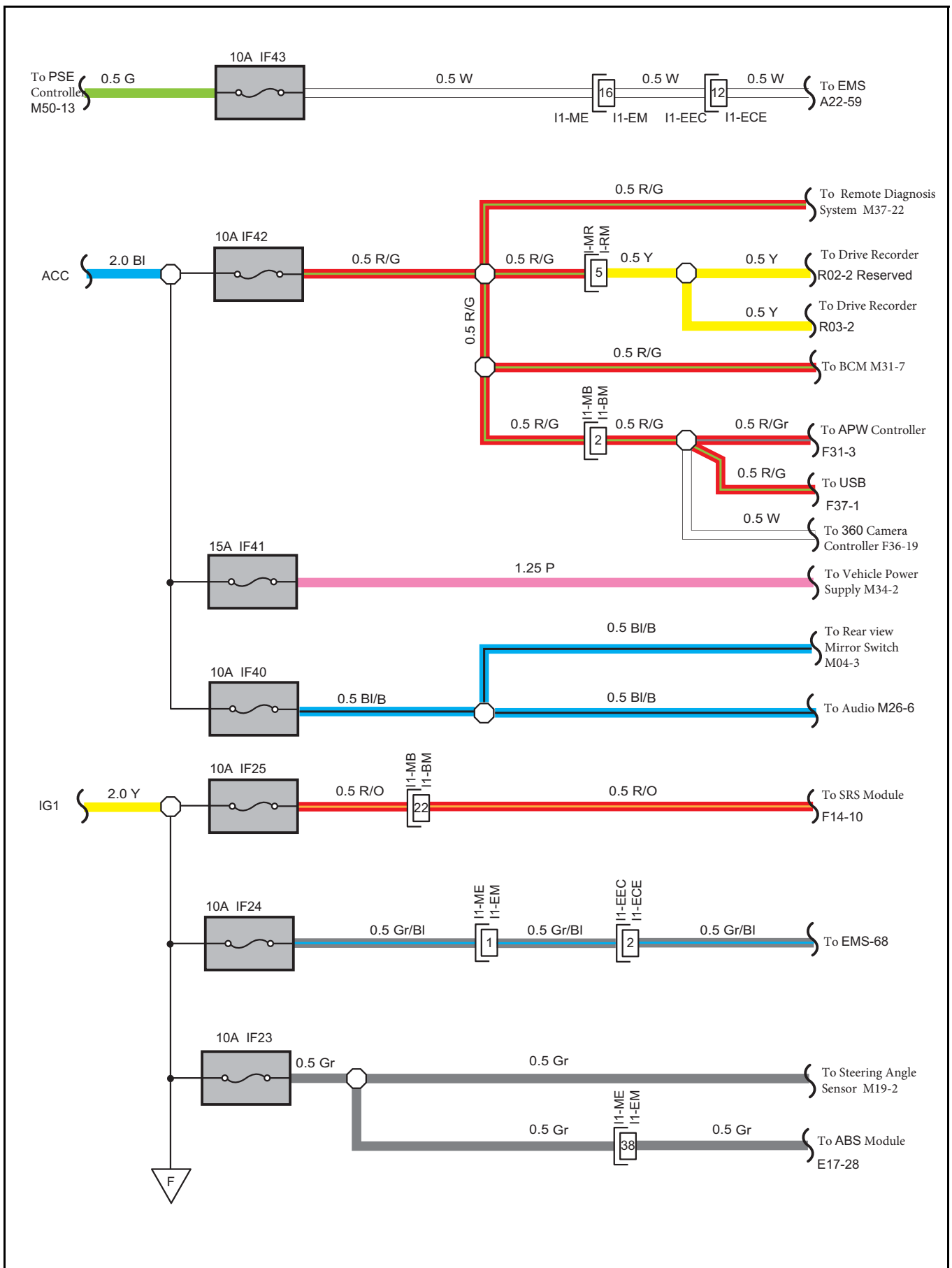




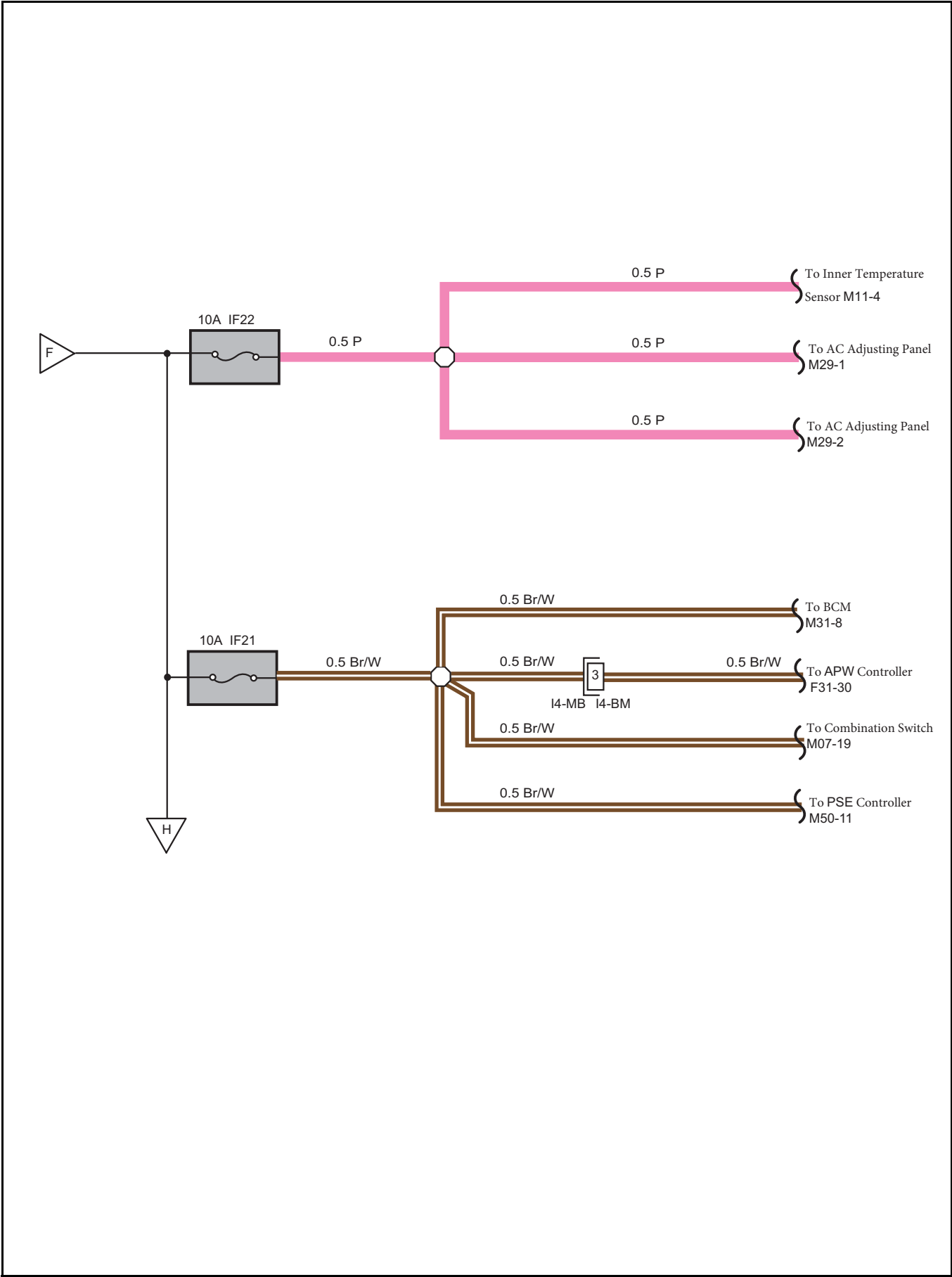
Power Supply Distribution Diagram 4



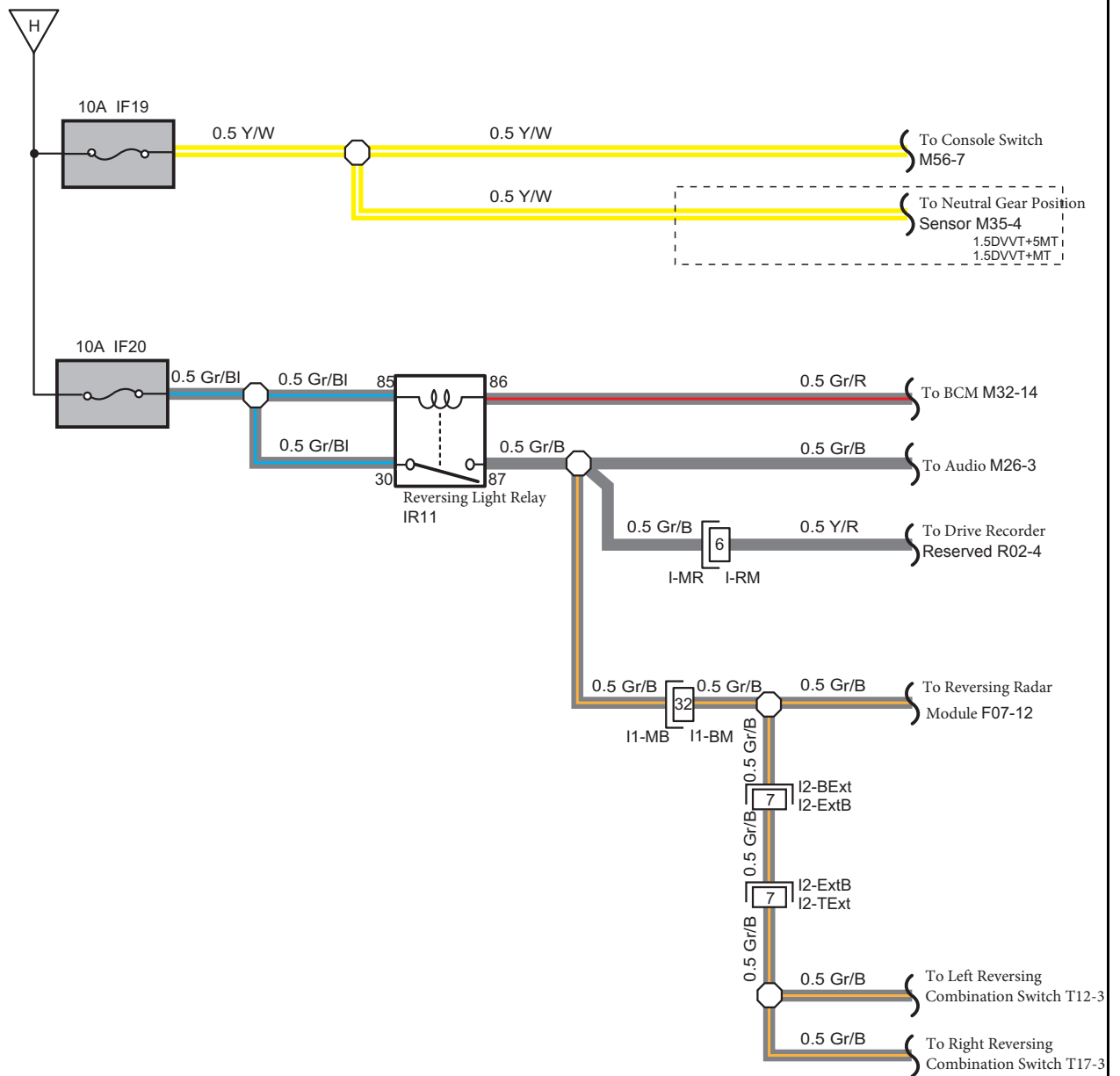
Power Supply Distribution Diagram 5



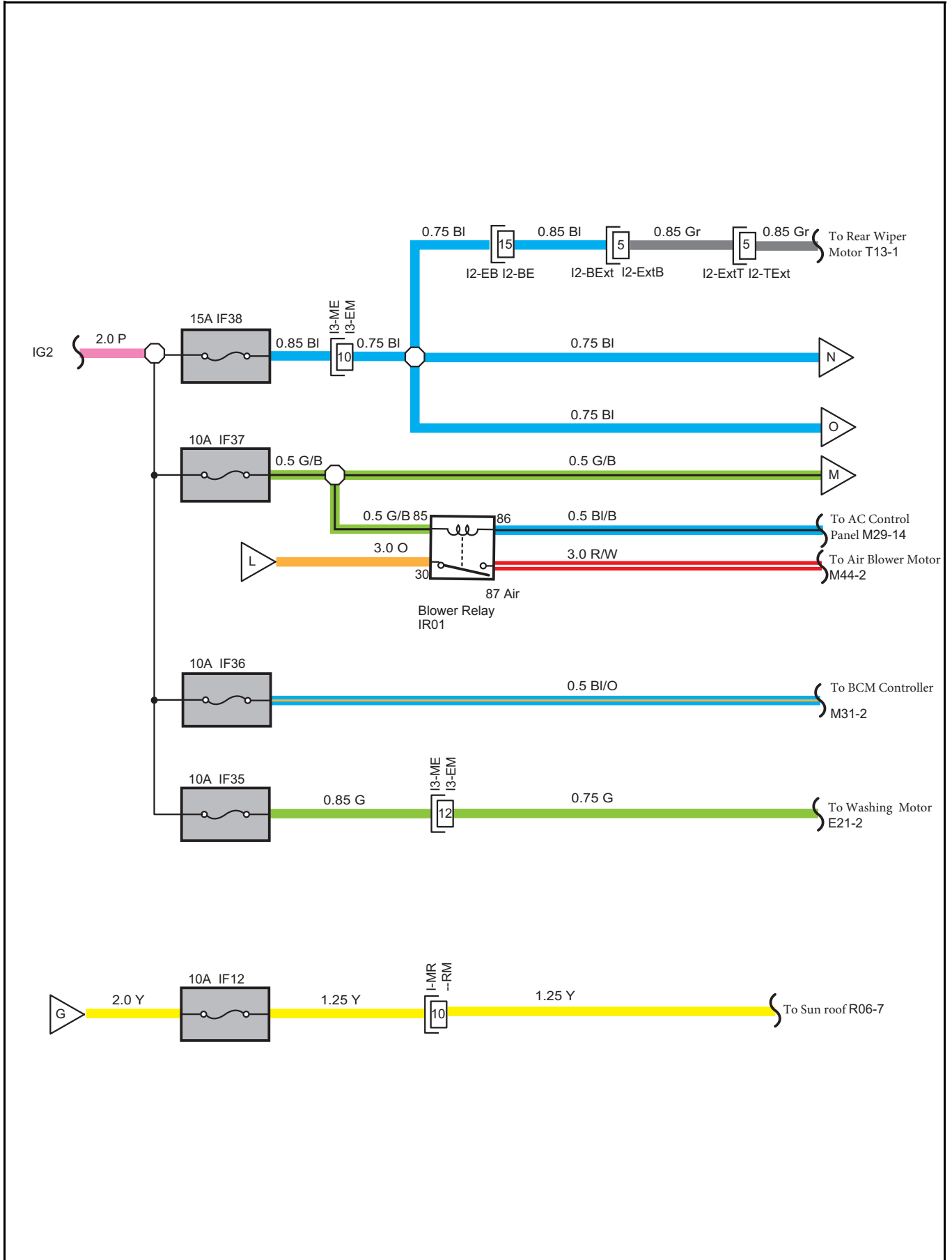
Power Supply Distribution Diagram 6



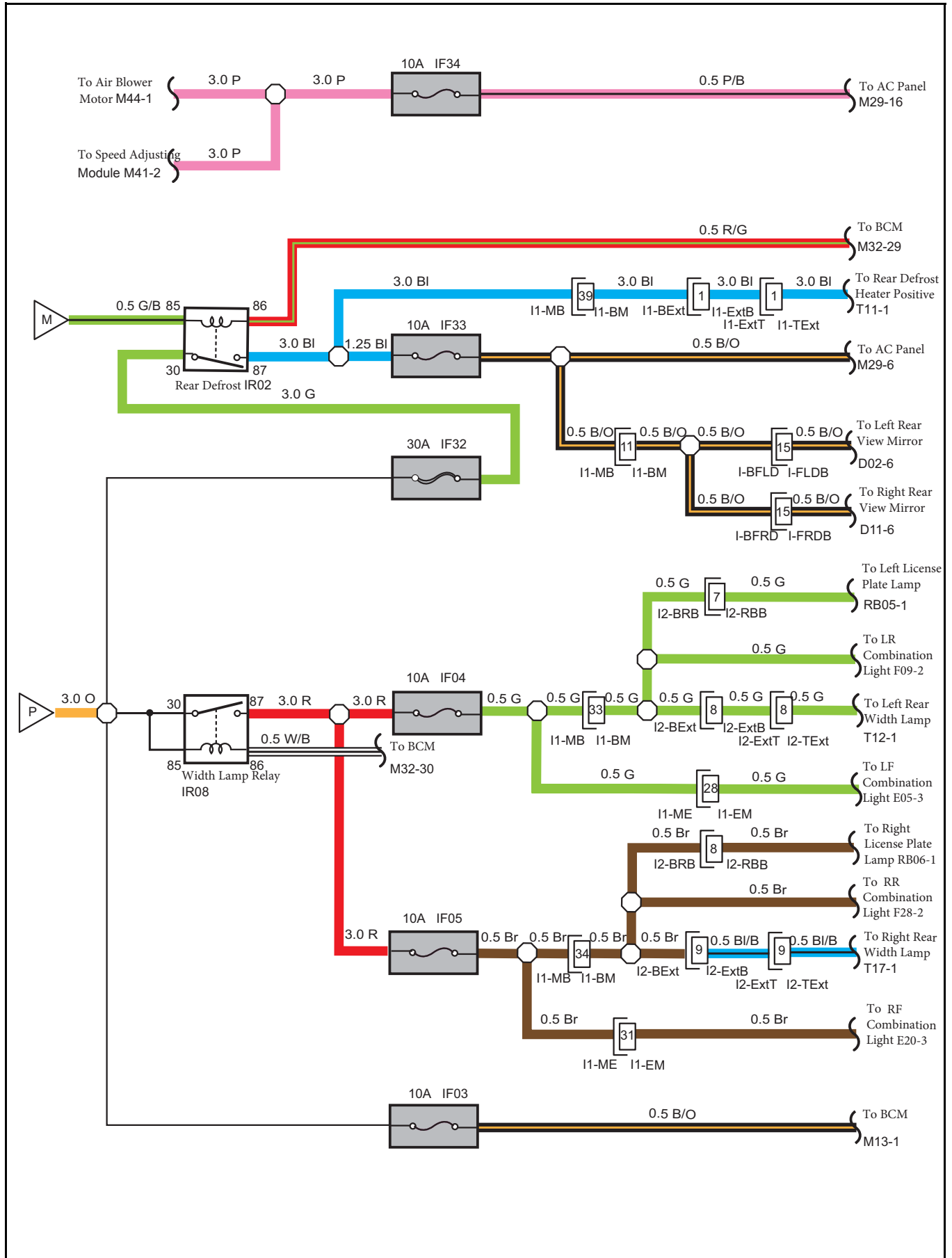
Power Supply Distribution Diagram 7



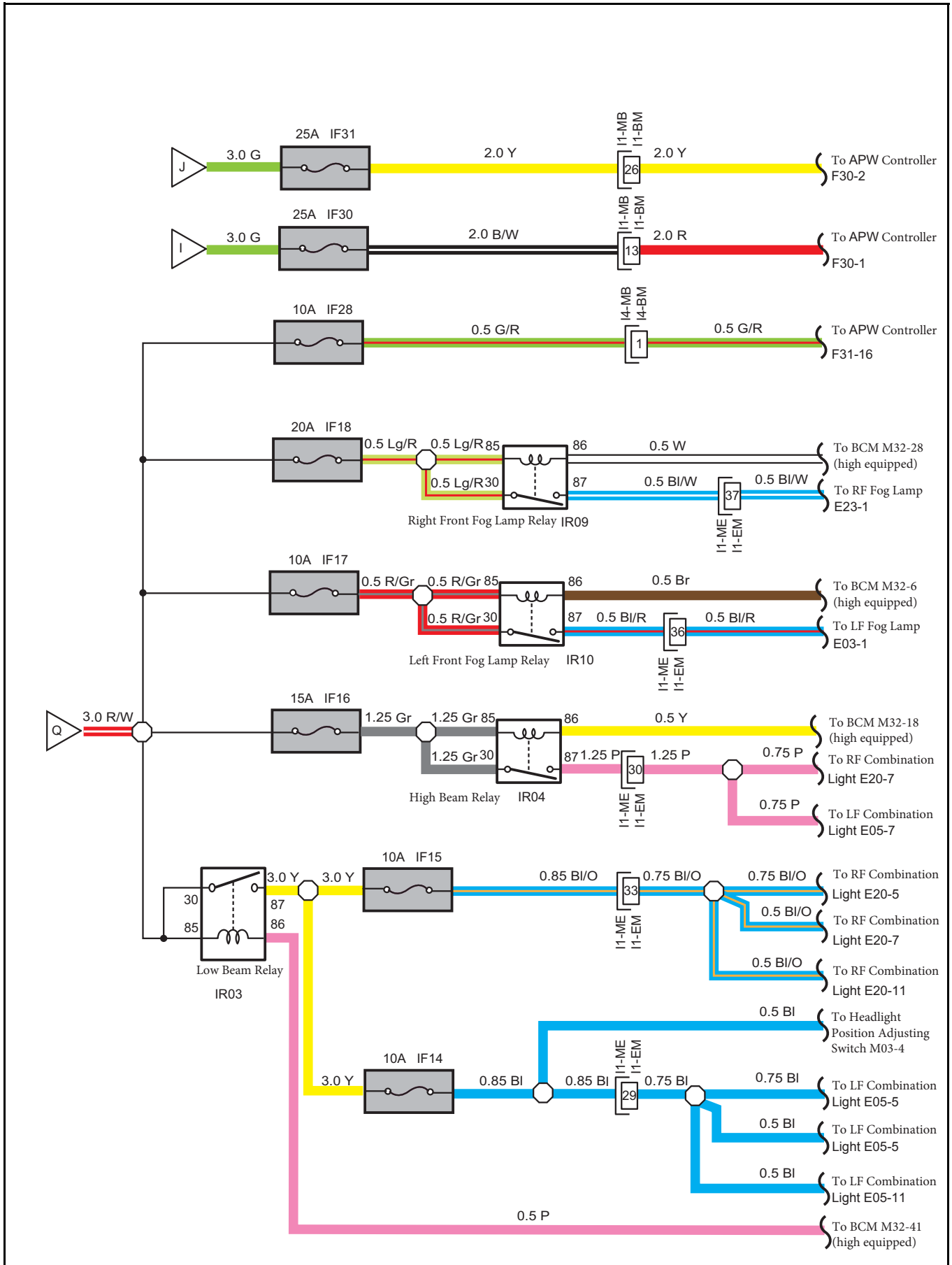
Power Supply Distribution Diagram 8



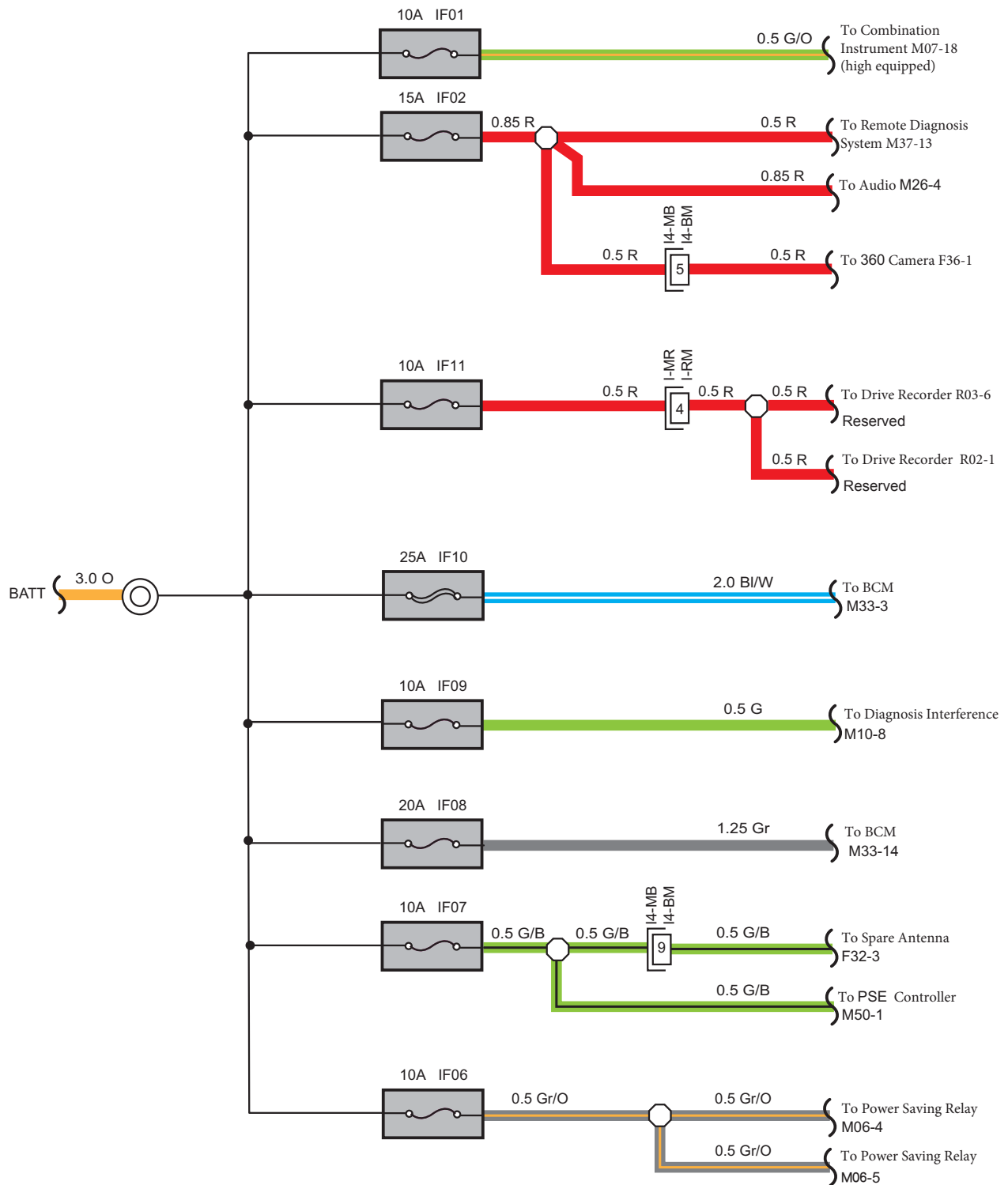
Power Supply Distribution Diagram 9



Power Supply Distribution Diagram 10



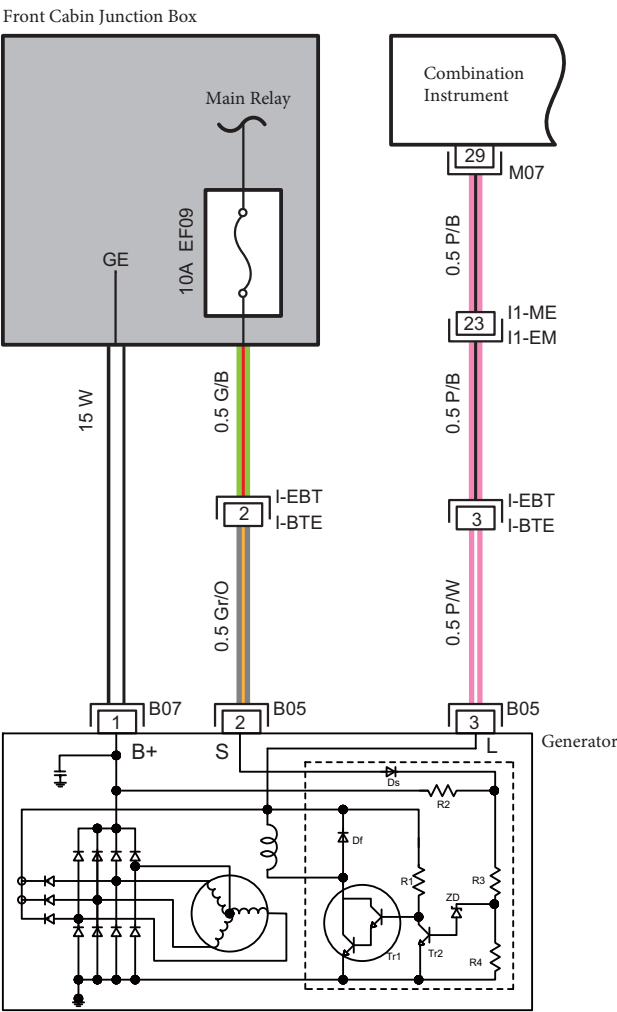
Power Supply Distribution Diagram 11



Circuit Diagram Reference

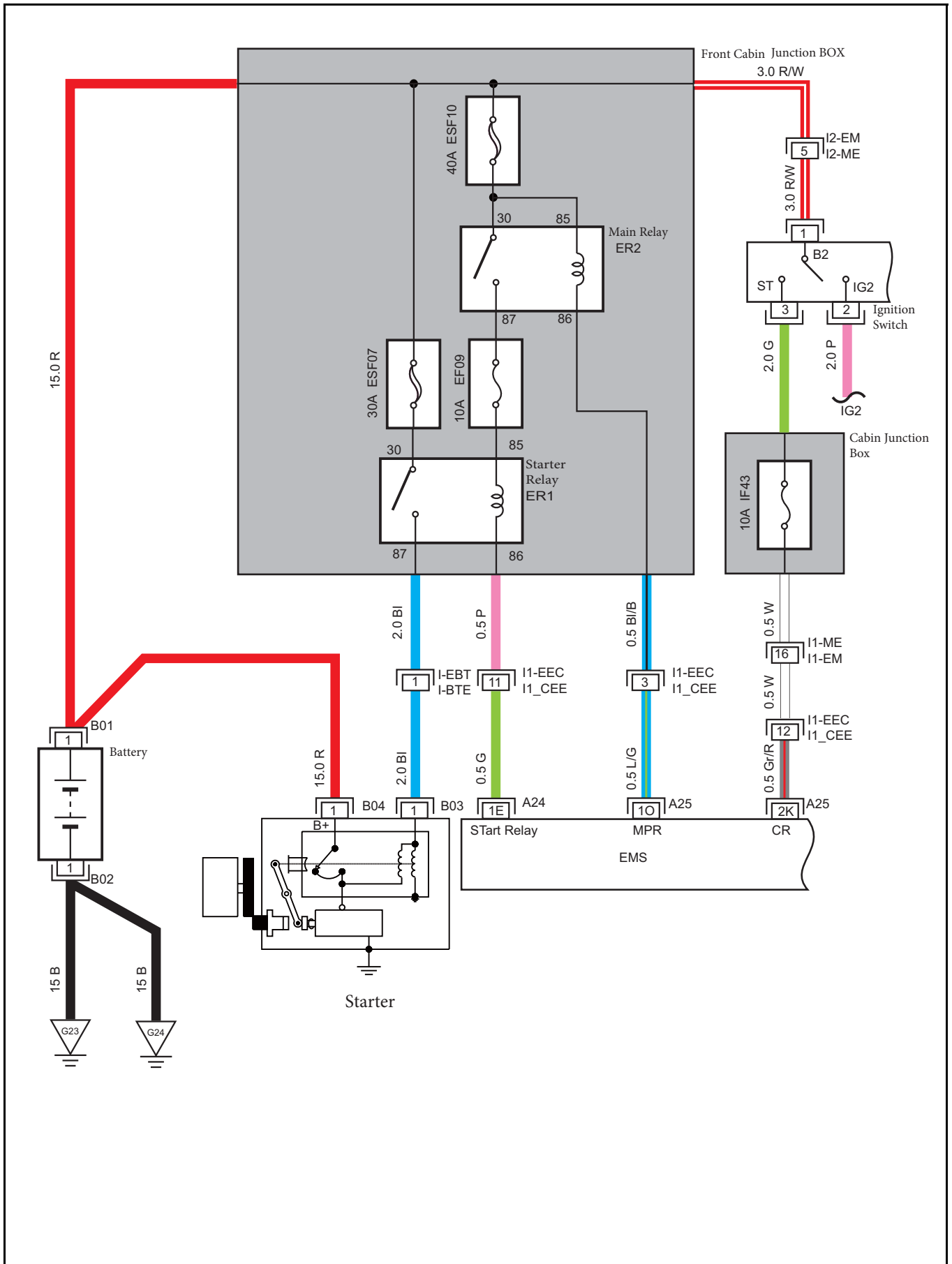
Charging System	102	Acoustics 1	212
Start-up System (1.5DVVT+5MT).....	104	Acoustics 2.....	214
Start-up System (PSE 1.5DVVT+5MT).....	106	SRS 1.....	216
EMS Power/GND/Data Line(1.5DVVT+5MT).....	112	SRS 2.....	218
EMS Switch Signal(1.5DVVT+5MT).....	114	TCU Power Supply、Grounding、Data Line	220
Cooling Fan Control (1.5DVVT+5MT).....	116	TCU 1	222
Fuel Pump、Fuel Injector(1.5DVVT+5MT).....	118	TCU 2	224
EMS Ignition(1.5DVVT+5MT).....	120	ABS Power Supply、Grounding、Data Line	226
EMS Sensor 1(1.5DVVT+5MT).....	122	ESP Sensor	228
EMS Sensor 2(1.5DVVT+5MT).....	124	ESP Power Steering System	230
Combination Instrument 1	154	TPMS Tire Pressure Monitoring System.....	232
Combination Instrument 2	156	Reversing Radar	234
Front Headlamp System (H Model)	158	Panorama Image Power /Grounding、Data Line.....	236
Front Headlamp System (L Model)	160	Panorama Image Camera.....	238
Position Lamp	162	Driving Recorder.....	240
Back Lighting	164	Horn	242
Fog Lamp	166	Vehicle Power Supply	244
Steering Lamp、Hazard Warning Lamp 1.....	168	Power Window 1 .(Anti-pitch).....	246
Steering Lamp、Hazard Warning Lamp 2	170	Power Window 2 .(Anti-pitch).....	248
Braking Lamp	172	Power Window 3 .(Without Anti-pitch).....	250
Reversing Lamp	174	Power Window 4 .(Without Anti-pitch).....	252
Ceiling Lamp	176	Power Window 5 .(Without Anti-pitch).....	254
Trunk Lamp.....	178	T-BOX.....	256
Daytime Running Lamp	180	PSE1.....	258
BCM1.....	182	PSE2.....	260
BCM2.....	184	PSE3.....	262
BCM3.....	186	Diagnose Interface.....	264
BCM4.....	188	CAN Data Communication Network 1	266
BCM5.....	190	CAN Data Communication Network 2.....	268
Central Lock 1	192		
Central Lock 2	194		
Power Rear view Mirror	196		
Power Rear view Mirror -2.....	198		
Defrost Control	200		
Wiper and Washer 1.....	202		
Wiper and Washer 2.....	204		
A/C System 1	206		
A/C System 2	208		
A/C System 3	210		

Charging System



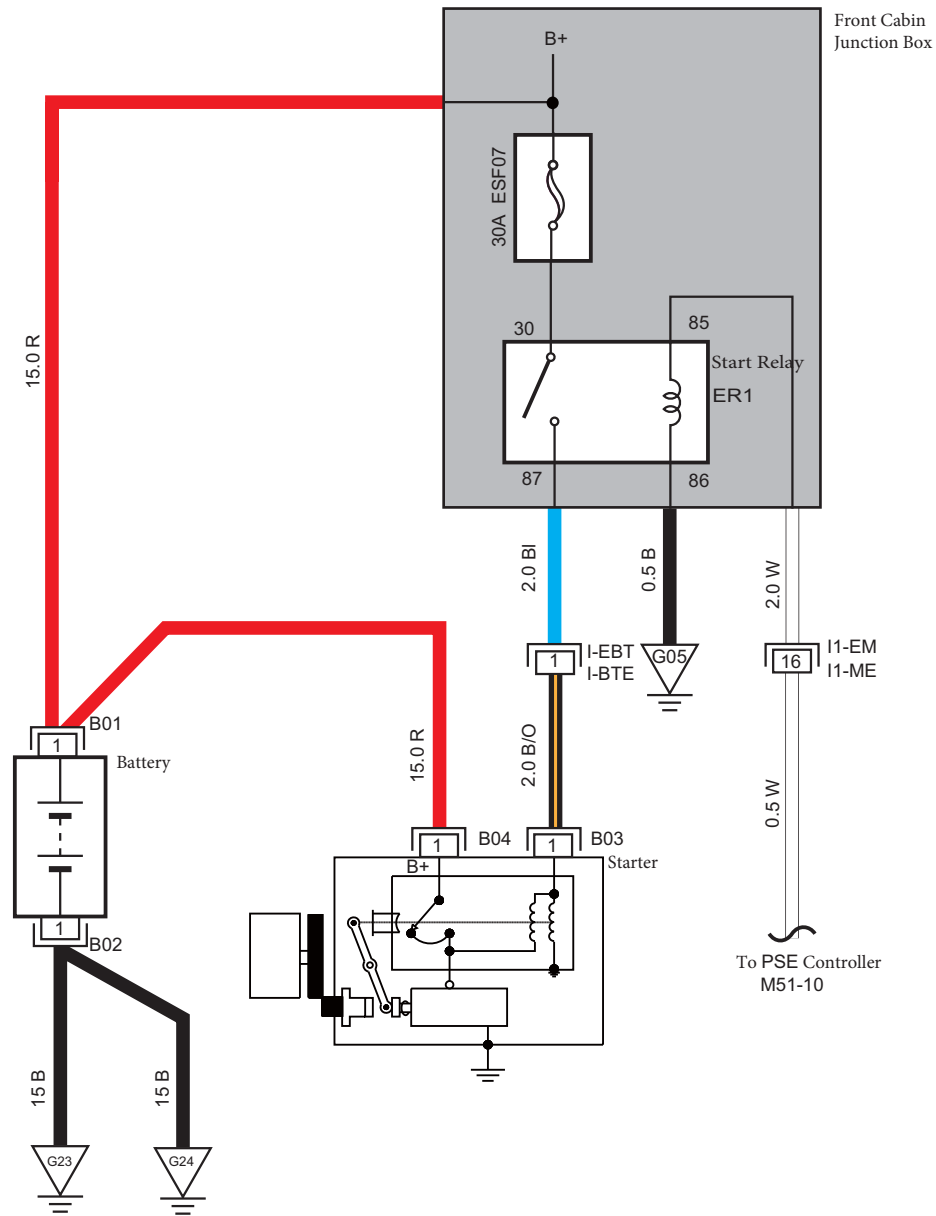
Harness Connector	Designation	Page Number
B05	Harness Connector of Engine Excitation	19
B07	T_ Generator B+ Harness Connector	19
I-BTE	Power Supply Harness Connecting with Engine Harness	19
I-EBT	Engine Harness Connecting with Power Supply Harness	22,24
I1-ME	Main Harness Connecting with Engine Harness I	42
I1-EM	Engine Connecting with Main Harness I	23,25
M07	Harness Connector of Combination Instrument C2	42

Start-up System (1.5DVVT+5MT)



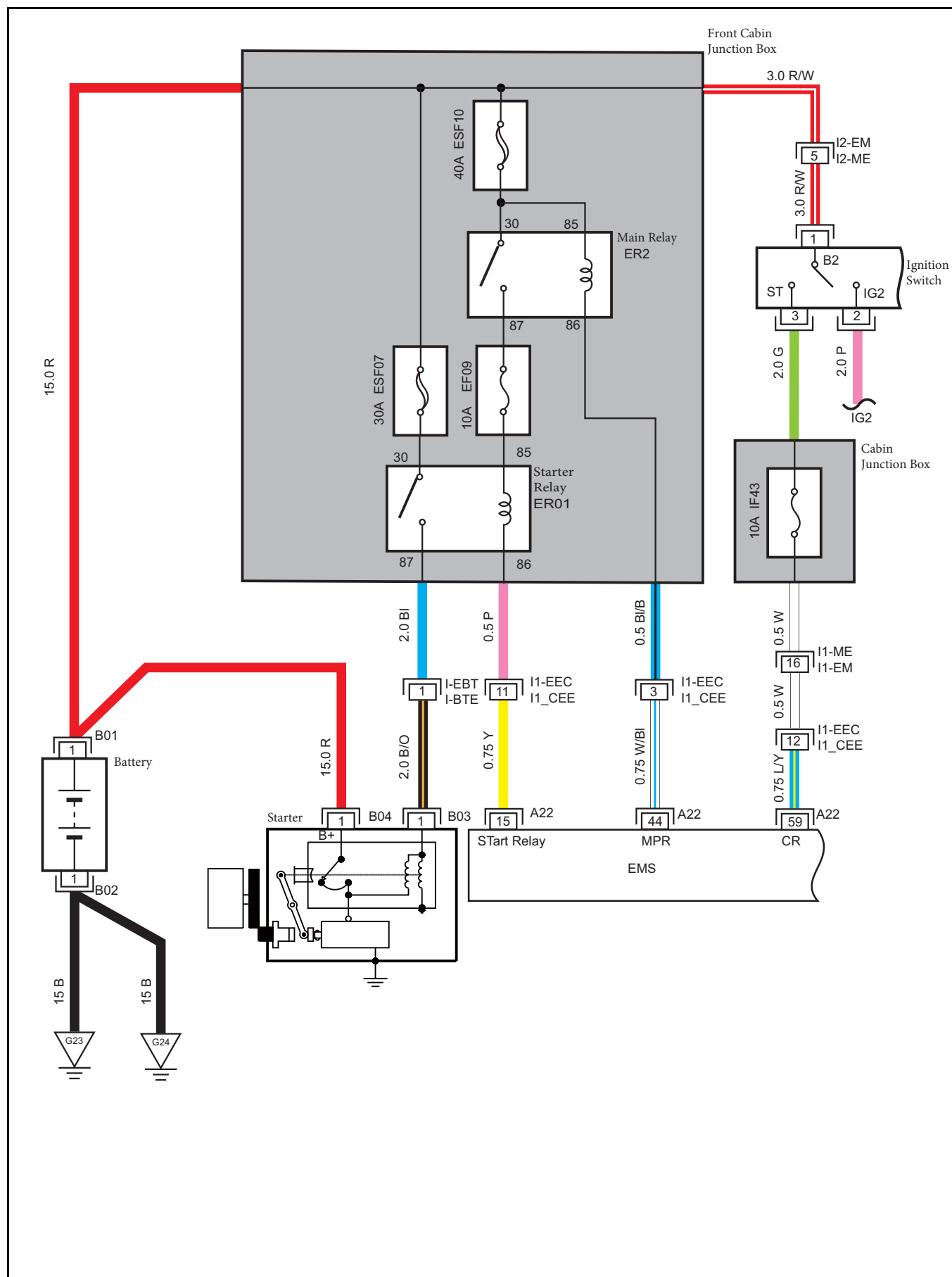
Harness Connector	Designation	Page Number
A24	ECU-E	30
A25	ECU-C	30
B01	Harness Connector of Battery Positive	19
B02	Harness Connector of Battery Negative	19
B03	Harness Connector of Starter Excitation	19
B04	Harness Connector of Starter B+	19
I-EBT	Engine to Power Supply Harness	22,24
I-BTE	Power Supply to Engine Harness	19
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
II-EM	Engine to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
I2-EM	Engine to Main Harness II	23,25
I2-ME	Main Harness to Engine Harness II	42

Start-up System (PSE 1.5DVVT+5MT)



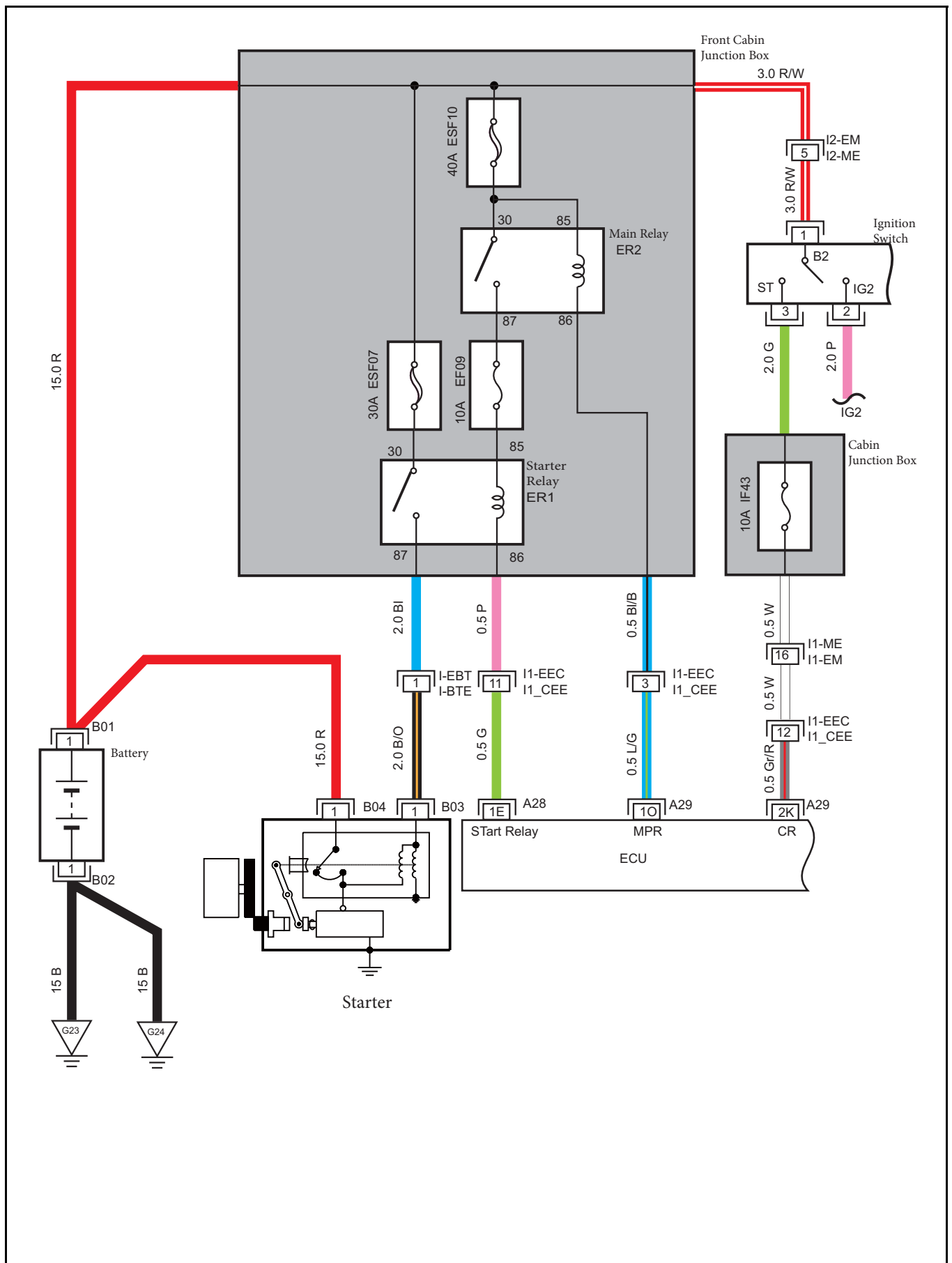
Harness Connector	Designation	Page Number
B01	Harness Connector of Battery Positive	19
B02	Harness Connector of Battery Negative	19
B03	Harness Connector of Starter Excitation	19
B04	Harness Connector of Starter B+	19
I-EBT	Engine to Power Supply Harness	22,24
I-BTE	Power Supply to Engine Harness	19
II-ME	Main Harness to Engine Harness I	42
II-EM	Engine to Main Harness I	23,25
G 05	Body GND	77
G 23	BAT GND	76
G 24	ENG GND	76

Refine S2



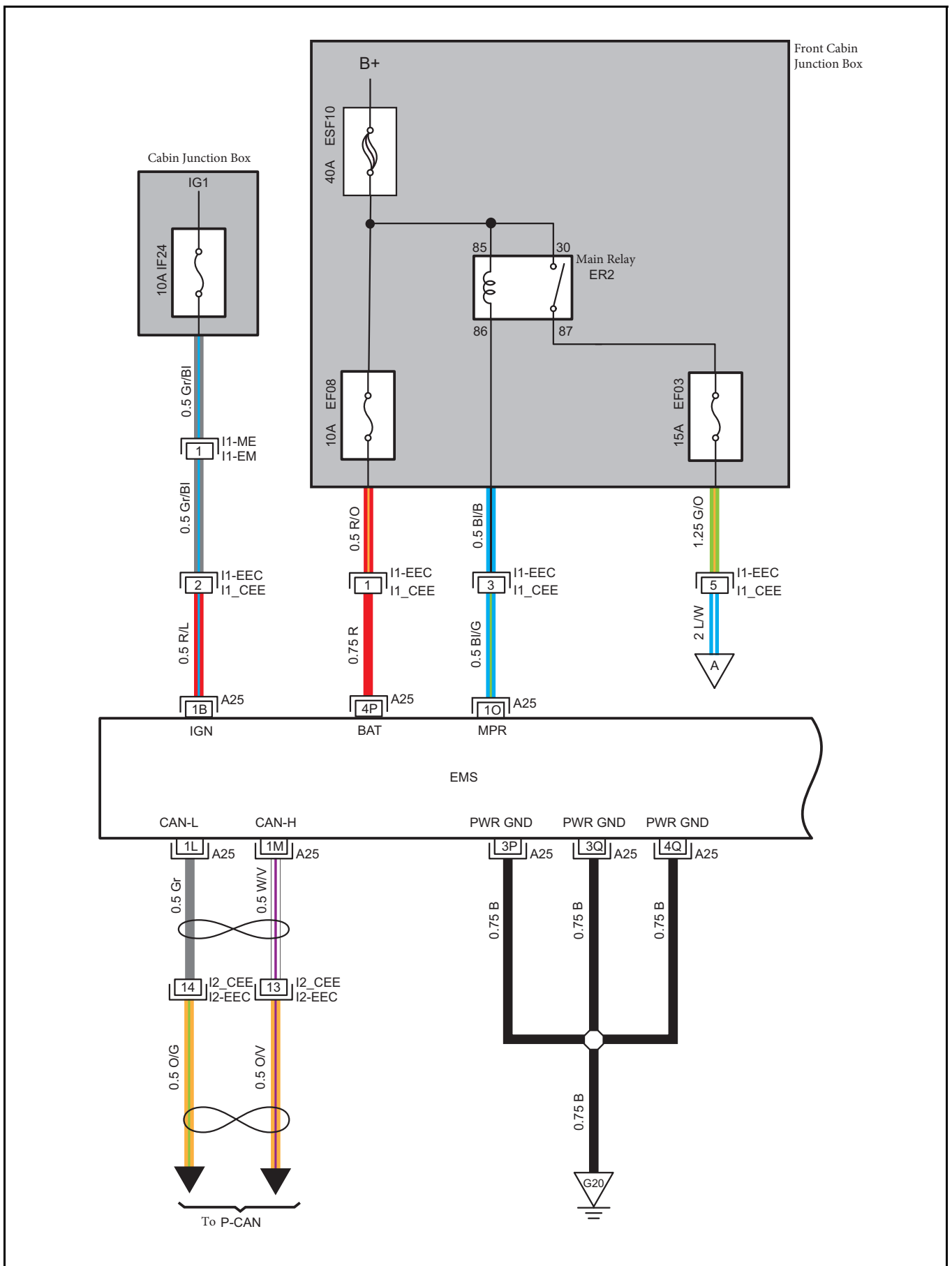
Harness Connector	Designation	Page Number
A22	ECU Harness Connector	30
B01	Harness Connector of Battery Positive	19
B02	Harness Connector of Battery Negative	19
B03	Harness Connector of Starter Excitation	19
B04	Harness Connector of Starter B+	19
I-EBT	Engine to Power Supply Harness	22,24
I-BTE	Power Supply to Engine Harness	19
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
II-EM	Engine to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
I2-EM	Engine to Main Harness II	23,25
I2-ME	Main Harness to Engine Harness II	42
G 23	BAT GND	76
G 24	ENG GND	76

Start-up System (1.6DVVT+CVT)



Harness Connector	Designation	Page Number
A28	ECU-E	30
A29	ECU-C	30
B01	Harness Connector of Battery Positive	19
B02	Harness Connector of Battery Negative	19
B03	Harness Connector of Starter Excitation	19
B04	Harness Connector of Starter B+	19
I-EBT	Engine to Power Supply Harness	22,24
I-BTE	Power Supply to Engine Harness	19
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
II-EM	Engine to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
G 23	BAT GND	76
G 24	ENG GND	76

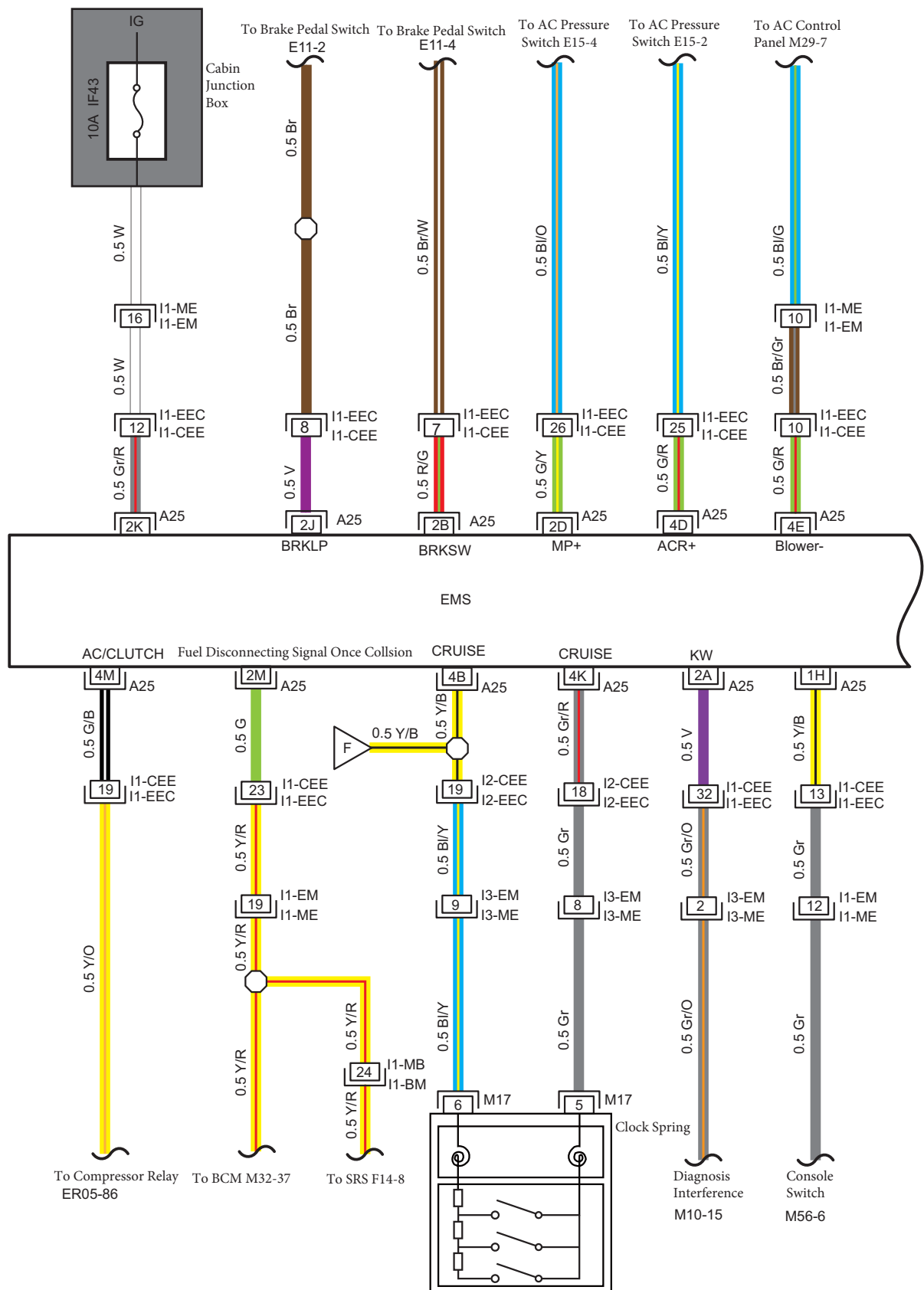
EMS Power/GND/Data Line(1.5DVVT+5MT)



Harness Connector	Designation	Page Number
A25	ECU-C	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
II-ME	Main Harness to Engine Harness I	42
II-EM	Engine to Main Harness I	23,25
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine Harness II	30,31
G20	Body GND	79

Connecting Point	Description	Page Number
A25-1L	To P-CAN	266
A25-1M		

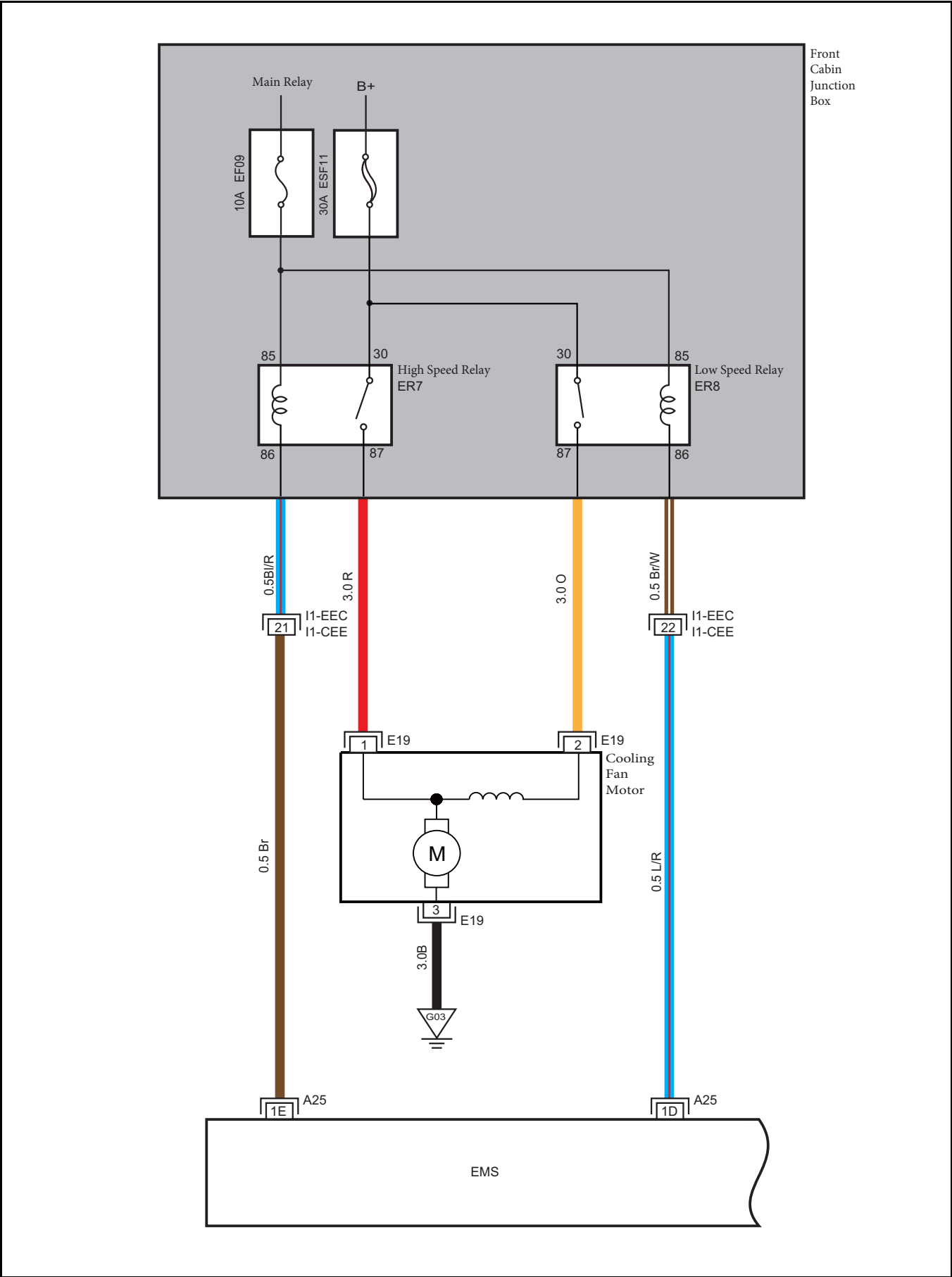
EMS Switch Signal (1.5DVVT+5MT)



Harness Connector	Designation	Page Number
A25	ECU-C	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine Harness II	30,31
II-EM	Engine to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
II-MB	Main Harness to Body Harness I	42
II-BM	Body Harness to Main Harness I	54
I3-EM	Engine to Main Harness III	23,25
I3-ME	Main Harness to Engine Harness III	42

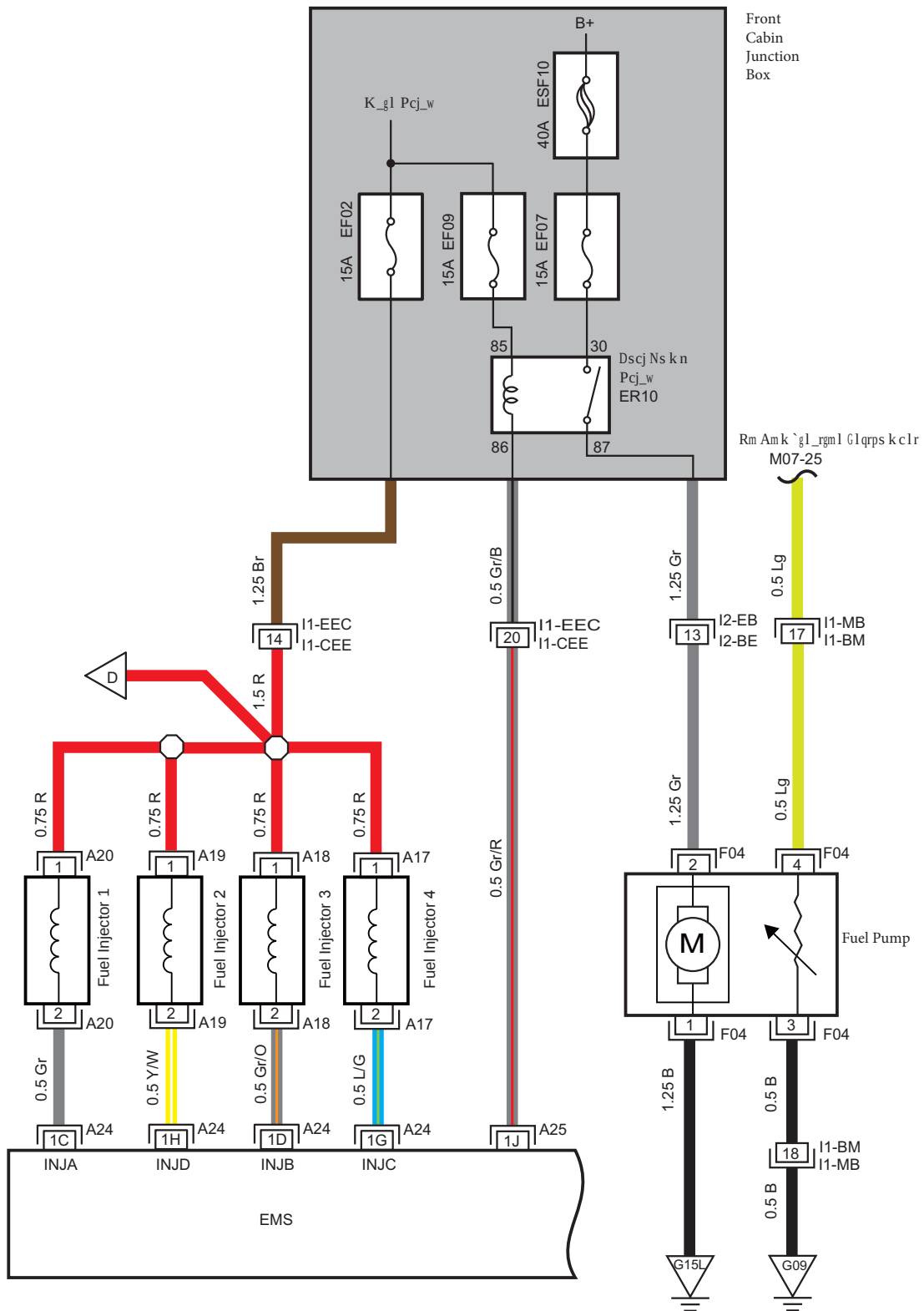
Connecting Point	Description	Page Number
A25-2A	To Diagnosis Interference M10-15	264
A25-2B	To Brake Pedal Switch E11-4	172
A25-2D	To AC Pressure Switch E15-4	210
A25-4D	To AC Pressure Switch E15-2	210
A25-4E	To AC Control Panel M29-7	208
A25-1H	To Console Switch M56-6	258
A25-2J	To Brake Pedal Switch E11-2	172
A25-2M	To BCM M32-37(high equipped)	190
	To SRS Module F14-8	216

Cooling FAN (1.5DVVT+5MT)



Harness Connector	Designation	Page Number
A25	ECU-C	30
E19	Cooling Fan 1.5L	22,24
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
G03	GND	77

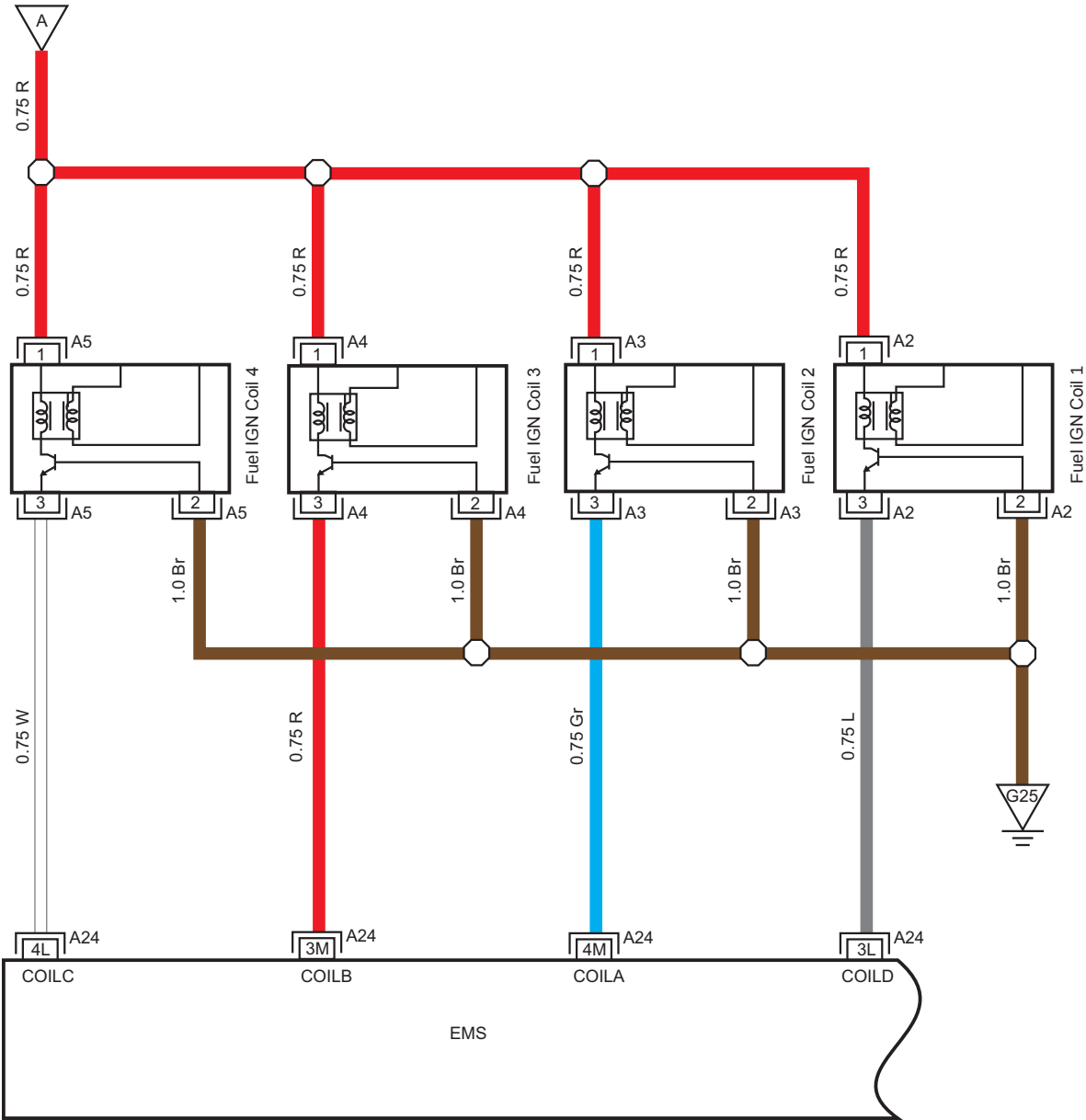
Fuel Pump/Fuel Injector(1.5DVVT+5MT)



Harness Connector	Designation	Page Number
A17	Harness Connector of Fuel Injector 4	30
A18	Harness Connector of Fuel Injector 3	30
A19	Harness Connector of Fuel Injector 2	30
A20	Harness Connector of Fuel Injector 1	30
A24	ECU-E	30
A25	ECU-C	30
F04	Harness Connector of Fuel Pump	30
I1-EEC	Engine to Control Harness I	22,24
I1-CEE	Control Harness to Engine Harness I	30,31
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I2-EB	Engine to Main Harness II	23,25
I2-BE	Main Harness to Engine Harness II	54

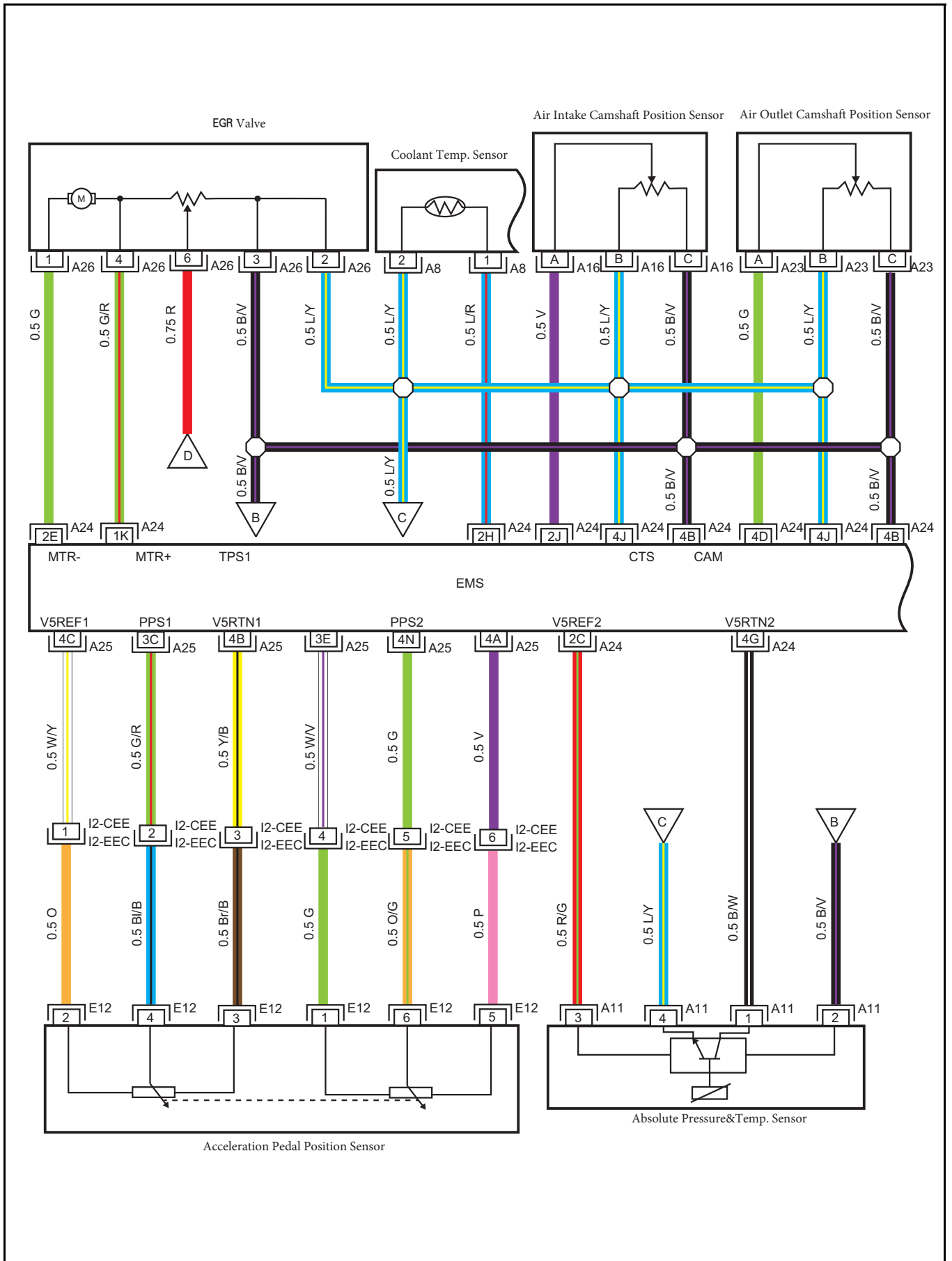
Harness Connector	Designation	Page Number
F04-4	To Combination Instrument M 07-25	156

EMS Ignition(1.5DVVT+5MT)



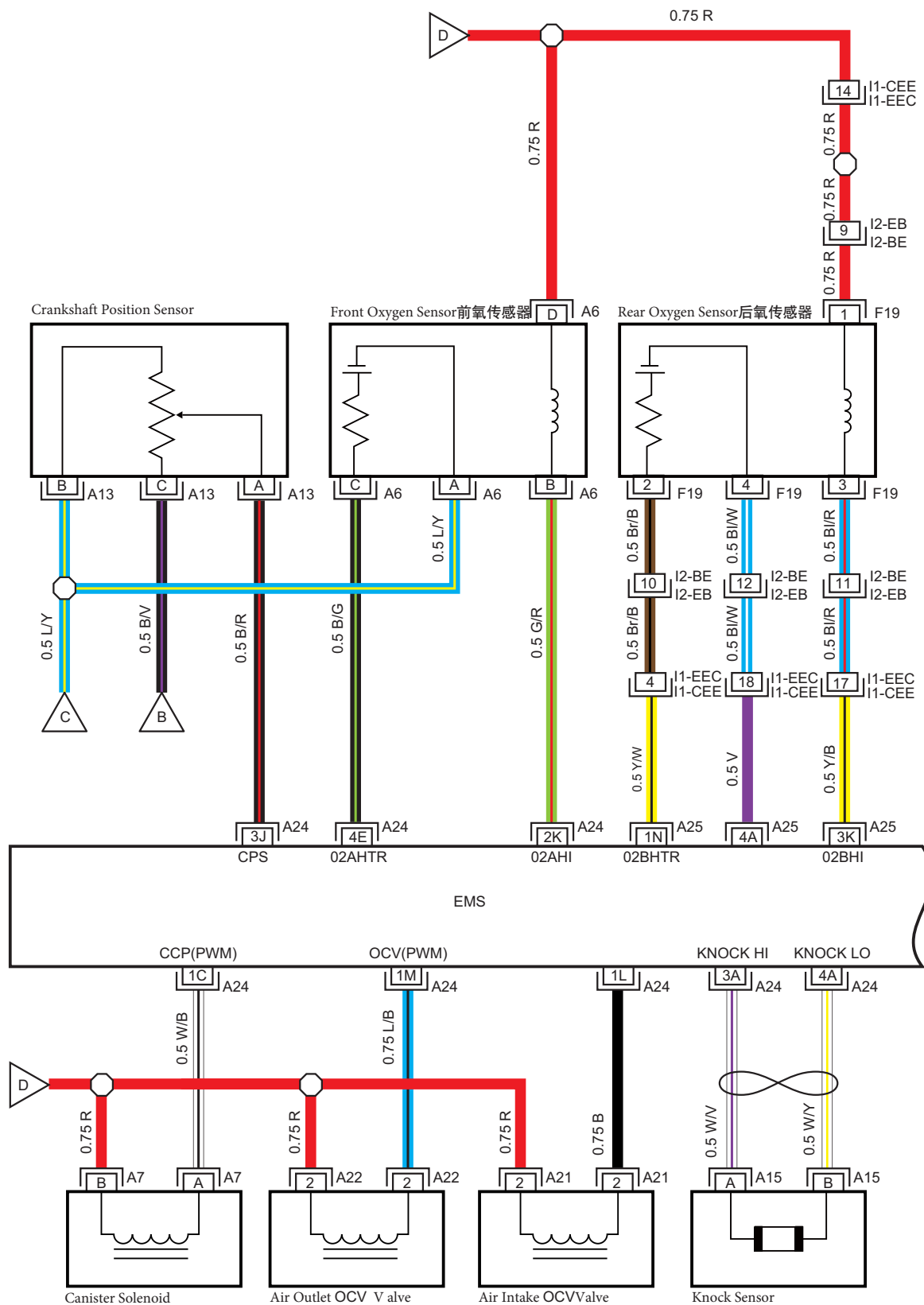
Harness Connector	Designation	Page Number
A17	Harness Connector of IGN Coil 1	30
A18	Harness Connector of IGN Coil 2	30
A19	Harness Connector of IGN Coil 3	30
A20	Harness Connector of IGN Coil 4	30
A24	ECU-E	30

EMS Sensor 1(1.5DVVT+5MT)



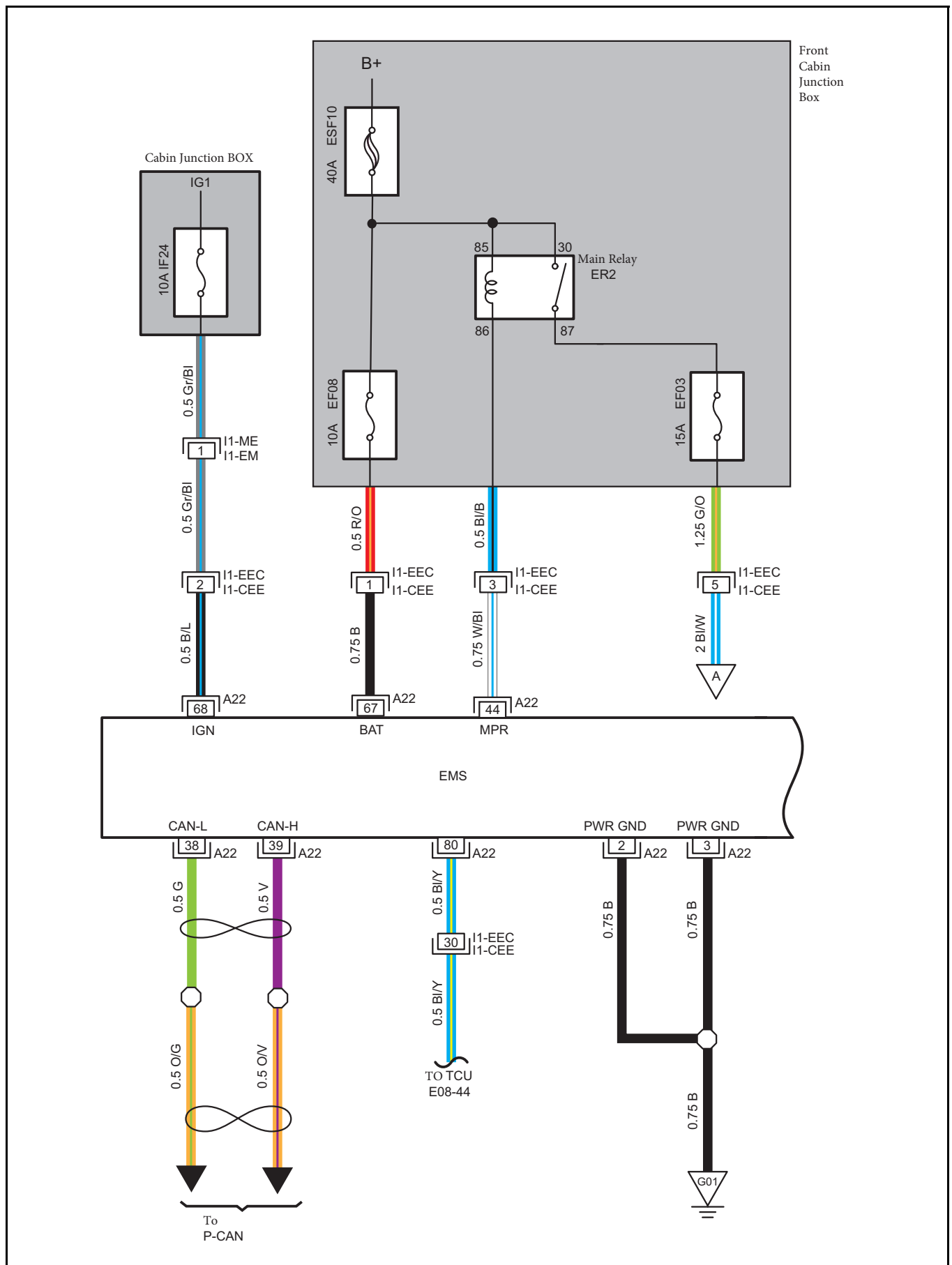
Harness Connector	Designation	Page Number
A17		30
A17	Absolute Pressure&Temp. Sensor	30
A16	Air Intake Camshaft Position Sensor	30
A23	Air Outlet Camshaft Position Sensor	30
A24	ECU-E	30
A25	ECU-C	30
A59	HJU Ydoyh Kduqhvv Frqqhfwr u	30
H45	Dffhohudwh Shgd0 Srvtlwr q Vhqvr u	22,24
I5-CEE	Control Harness to Engine Harness II	30,31
I5-EEC	Engine to Control Harness II	22,24

EMS Sensor 2(1.5DVVT+CVT)



Harness Connector	Designation	Page Number
A06	Harness Connector of Front Oxygen Sensor	30
A07	Harness Connector of Canister Valve	30
A13	Harness Connector of Hall Sensor(Crankshaft)	30
A15	Harness Connector of Knock Sensor	30
A21	Harness Connector of Air Intake OCV valve	30
A22	Harness Connector of Air Outlet OCV valve	30
A54	ECU-E	30
H25	ECU-C	30
F19	Harness Connector of Rear Oxygen Sensor	54
I1-EEC	Connector I Engine Harness to Control Harness	22.24
I1-CEE	Control Harness Harness to Connector I	30.31
I2-EB	Connector I Engine Harness to Body Harness	23.25
I2-BE	Connector I Body Harness to Engine Harness	54

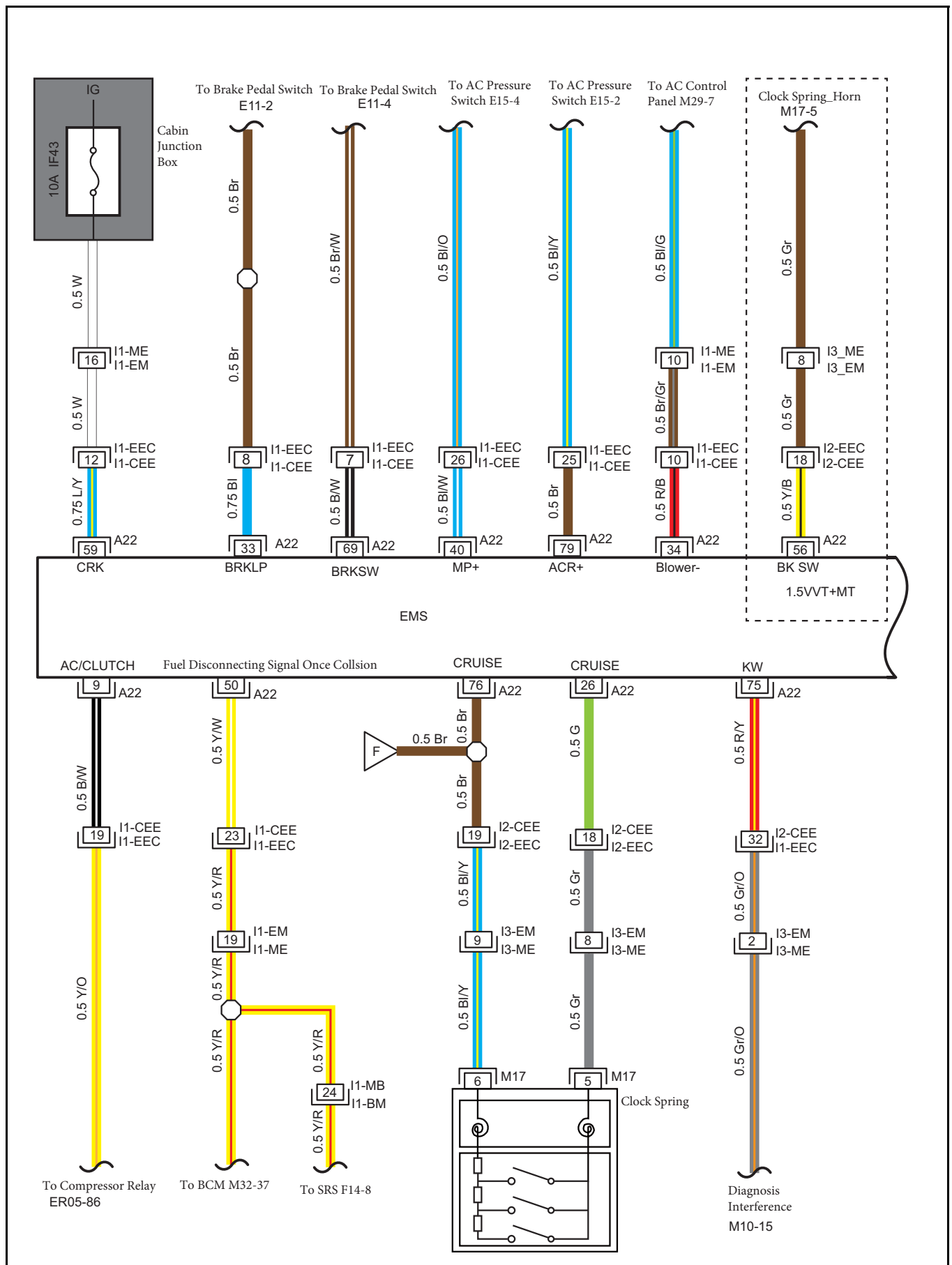
EMS BAT GND Diagram (1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A22	ECU Harness Connector	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
II-ME	Main Harness to Engine Harness I	42
II-EM	Engine to Main Harness I	23,25
G20	GND	77

Connecting Point	Description	Page Number
A22-38	To P-CAN	266
A22-39		

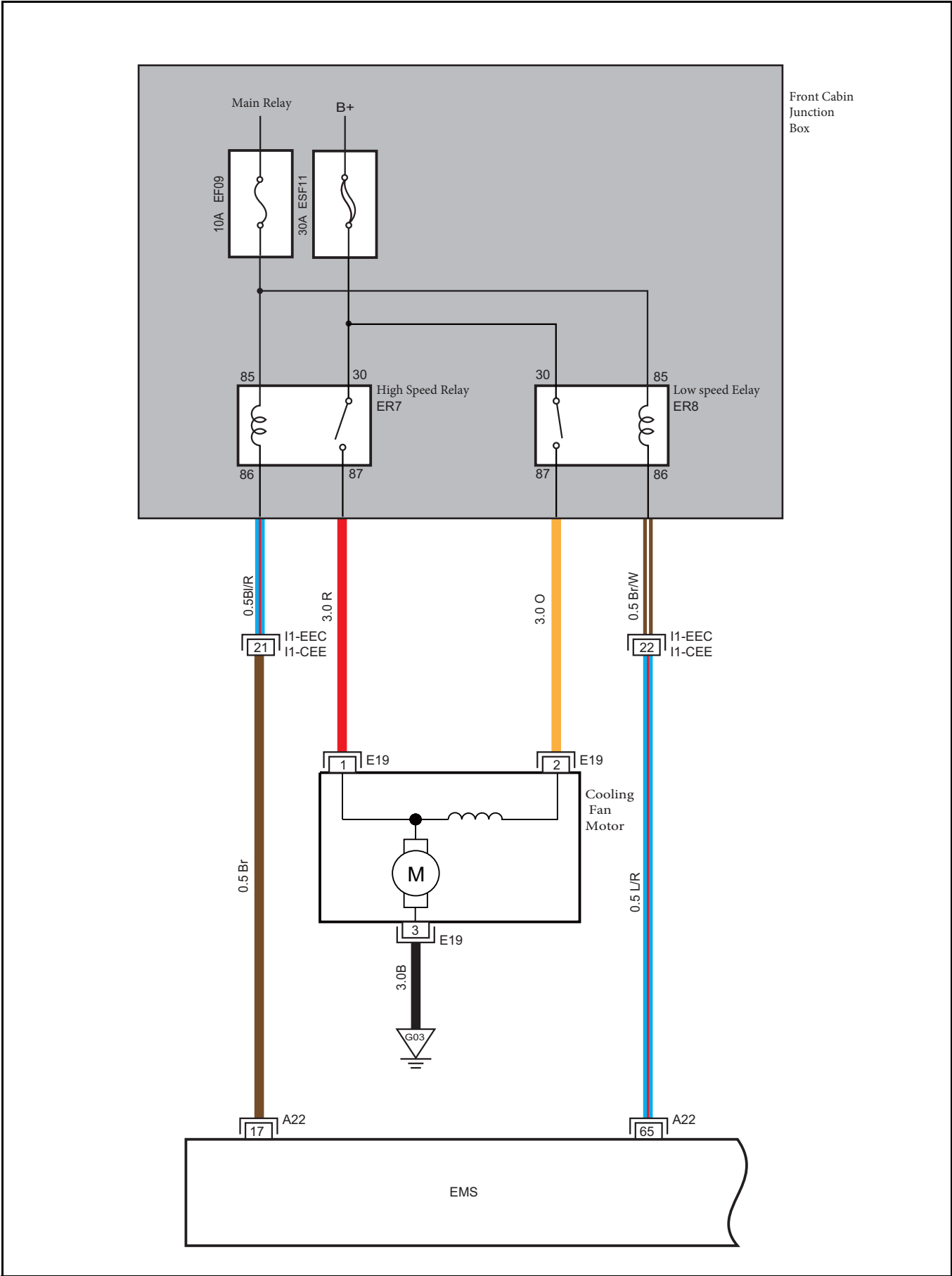
EMS Switch Signal(1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A22	ECU Harness Connector	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine Harness II	30,31
II-EM	Engine to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
II-MB	Main Harness to Body Harness I	42
II-BM	Body Harness to Main Harness I	54
I3-EM	Engine to Main Harness III	23,25
I3-ME	Main Harness to Engine Harness III	42

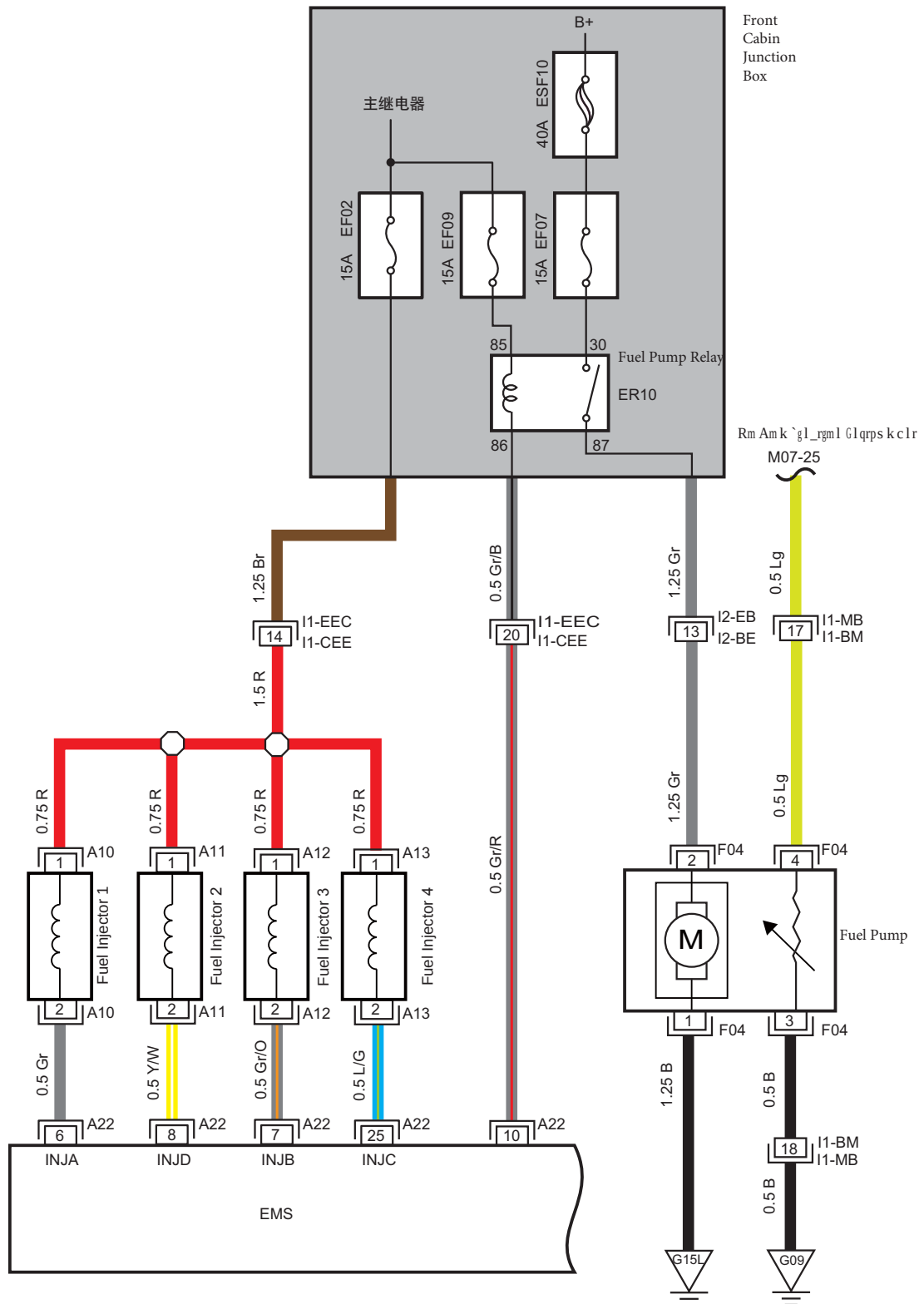
Connecting Point	Description	Page Number
A22-33	To Brake Pedal Switch M11-2	172
A22-34	To AC Control Panel M29-7	208
A22-40	To AC Pressure Switch E15-4	210
A22-50	To BCM M32-37(high equipped)	190
	To SRS Module F14-8	216
A22-69	To Brake Pedal Switch E11-4	172
A22-75	To Diagnosis Interference M10-15	264
A25-79	To AC Pressure Switch E15-2	210

Cooling Fan (1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A22	ECU Harness Connector	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
E19	Cooling Fan 1.5L	22,24
G03	GND	77

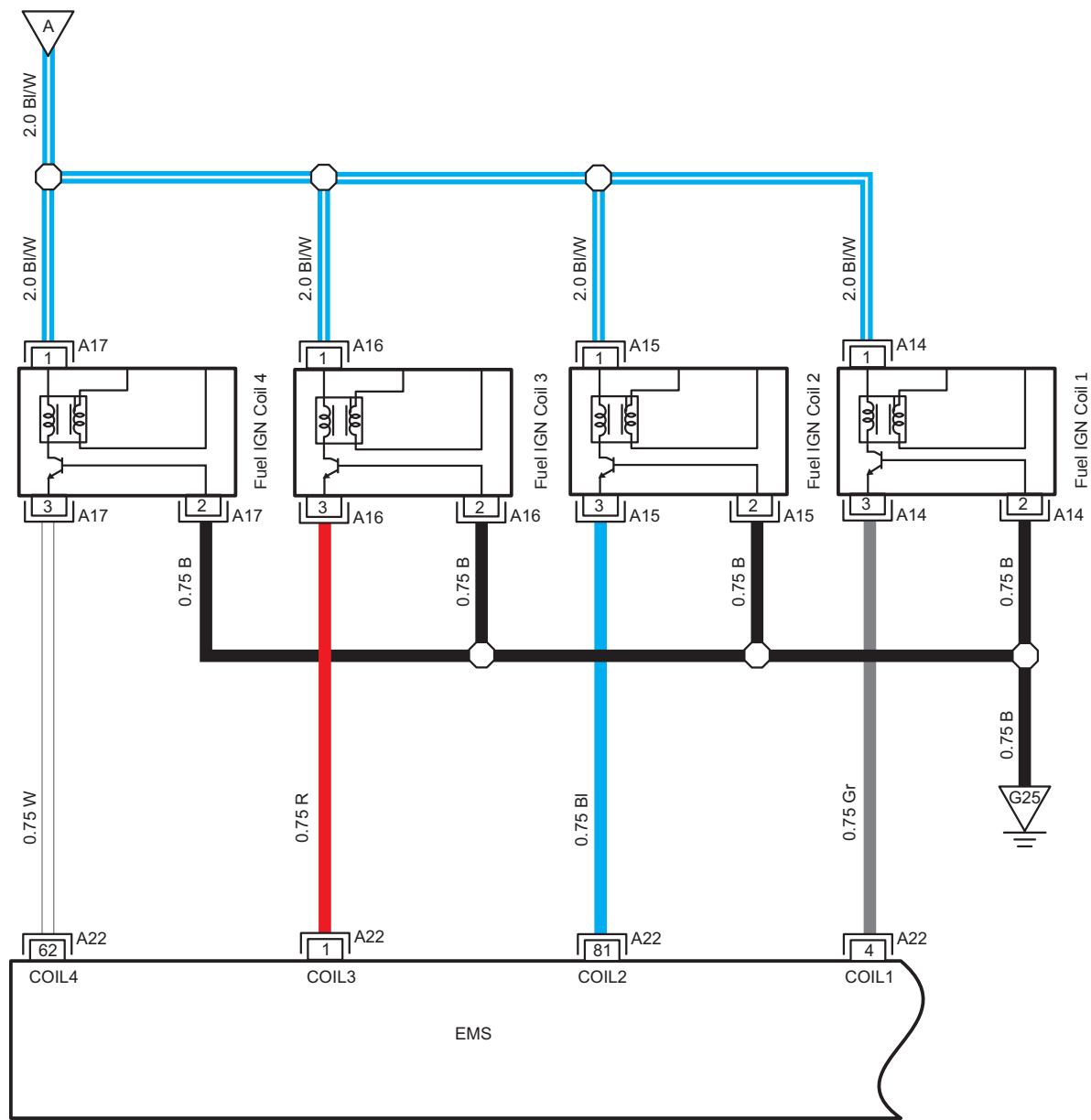
Fuel Pump/Fuel Injector(1.5VVT+CVT)



Harness Connector	Designation	Page Number
A10	Harness Connector of Fuel Injector 1	30
A11	Harness Connector of Fuel Injector 2	30
A12	Harness Connector of Fuel Injector 3	30
A13	Harness Connector of Fuel Injector 4	30
A22	ECU Harness Connector	30
F04	Harness Connector of Fuel Pump	30
I1-EEC	Engine to Control Harness I	22,24
I1-CEE	Control Harness to Engine Harness I	30,31
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I2-EB	Engine to Main Harness II	23,25
I2-BE	Main Harness to Engine Harness II	54

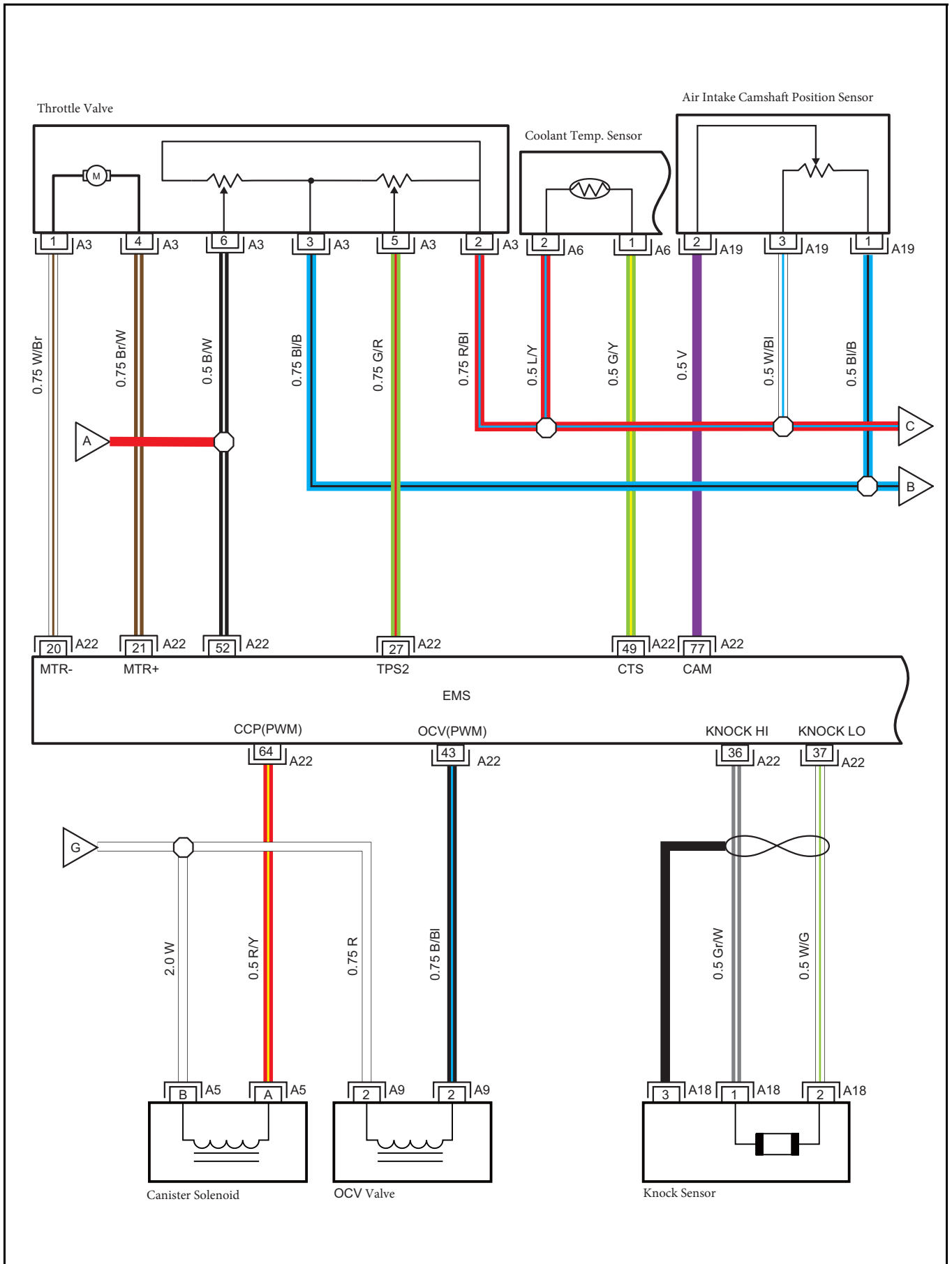
Harness Connector	Designation	Page Number
F04-4	To Combination Instrument M 07-25	156

EMS Ignition(1.5DVVT+5MT)



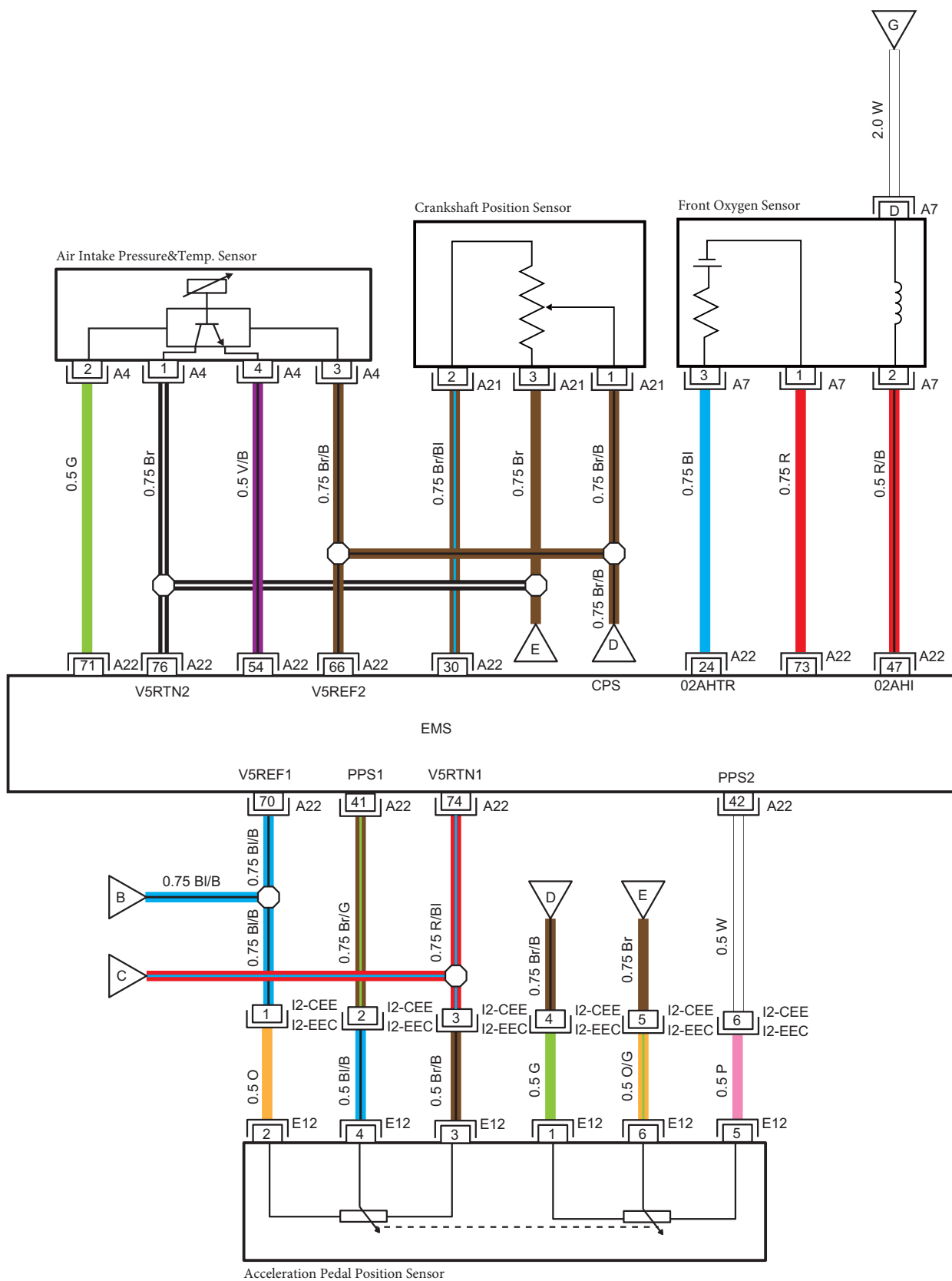
Harness Connector	Designation	Page Number
A14	Harness Connector of IGN Coil 1	30
A15	Harness Connector of IGN Coil 2	30
A16	Harness Connector of IGN Coil 3	30
A17	Harness Connector of IGN Coil 4	30
A22	ECU Harness	30
G25	GND	30

EMS Sensor 1(1.5VVT+CVT/MT)



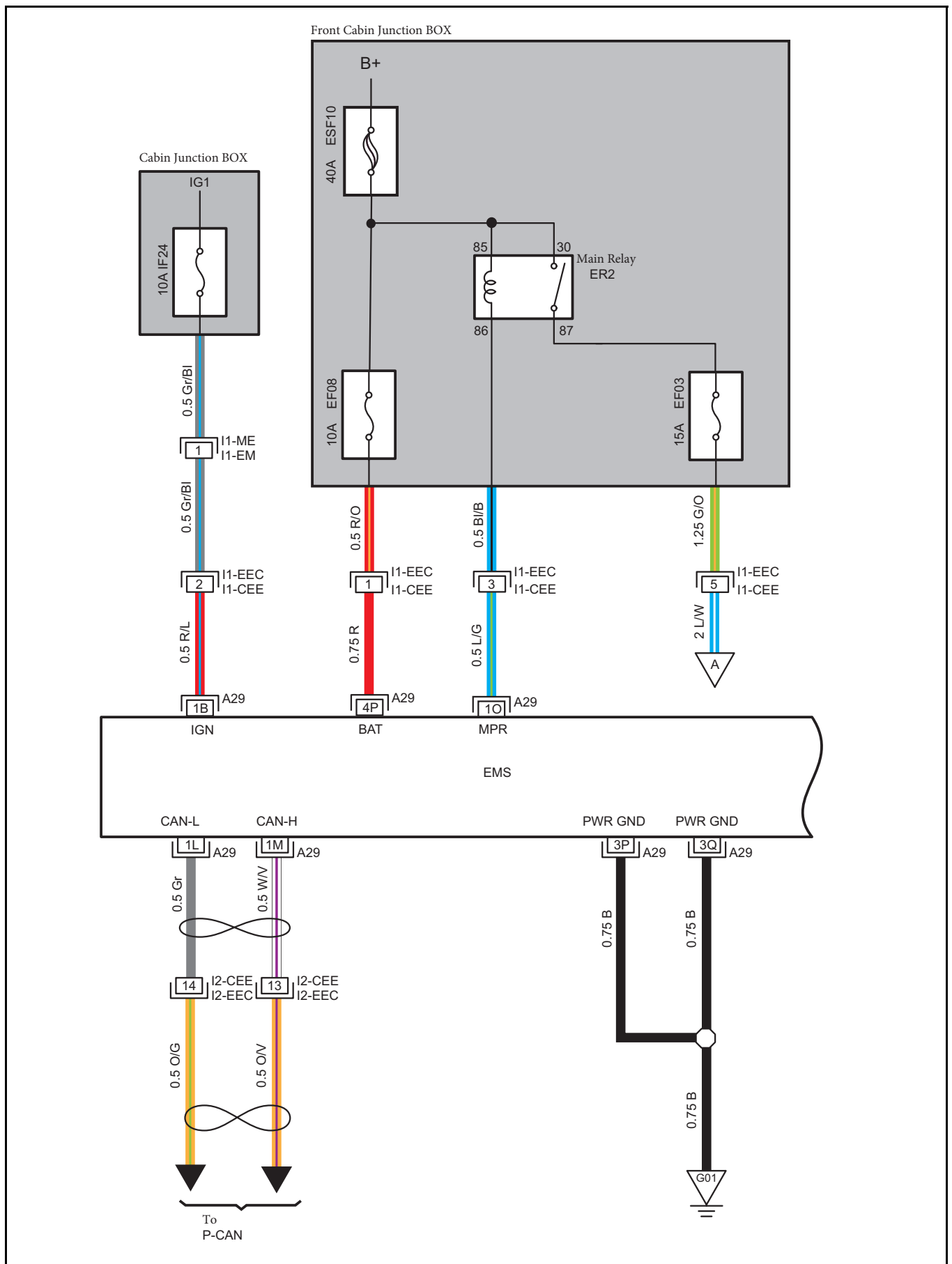
Harness Connector	Designation	Page Number
A13	Harness Connector of Throttle Valve	30
A05	Harness Connector of Canister Solenoid	30
A06	Harness Connector of Coolant Temp. Sensor	30
A09	Connector of OCV Valve	30
A18	Connector of Knock Sensor	30
A19	Hall Sensor (Camshaft) Sensor	30
A22	Harness Connector of ECU	30

EMS Sensor 2(1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A04	Absolute temp.&pressure Sensor Connector	30
A07	Harness Connector of Front Oxygen Sensor	30
A51	Harness Connector of Crankshaft sensor	30
A22	ECU Harness Connector	30
E12	Acceleration Pedal Position Sensor	23,25
I2-EEC	Connector II Engine Harness to Control Harness	22.24
I2-CEE	Control Harness Harness to Connector II	30.31

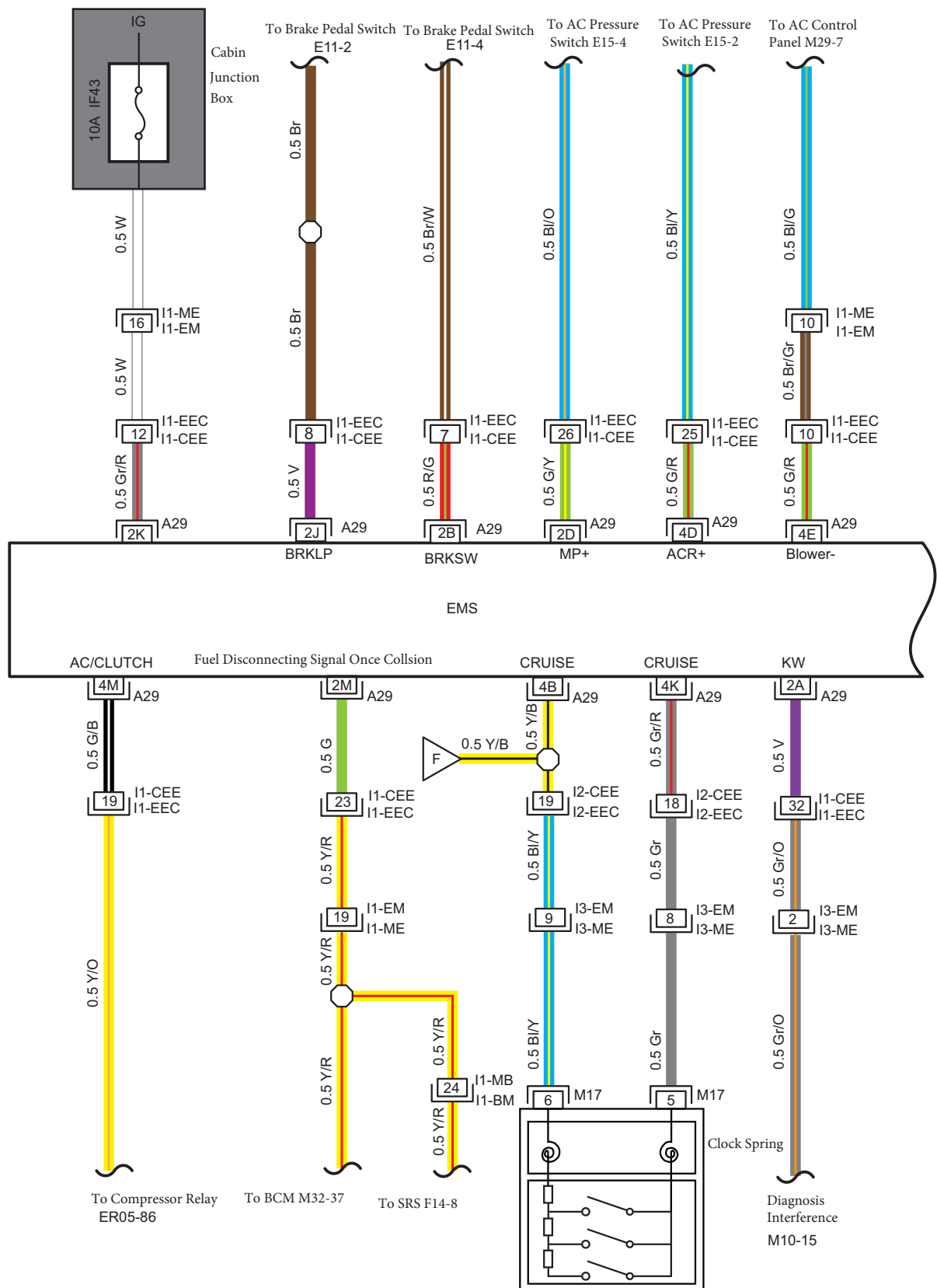
EMS EMS GND Data Line(1.6DVVT+CVT)



Harness Connector	Designation	Page Number
A29	ECU-C	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine Harness II	30,31
II-ME	Main Harness to Engine Harness I	25
II-EM	Engine to Main Harness I	23
G01	GND	77

Connecting Point	Description	Page Number
A22-38	To P-CAN	266
A22-39		

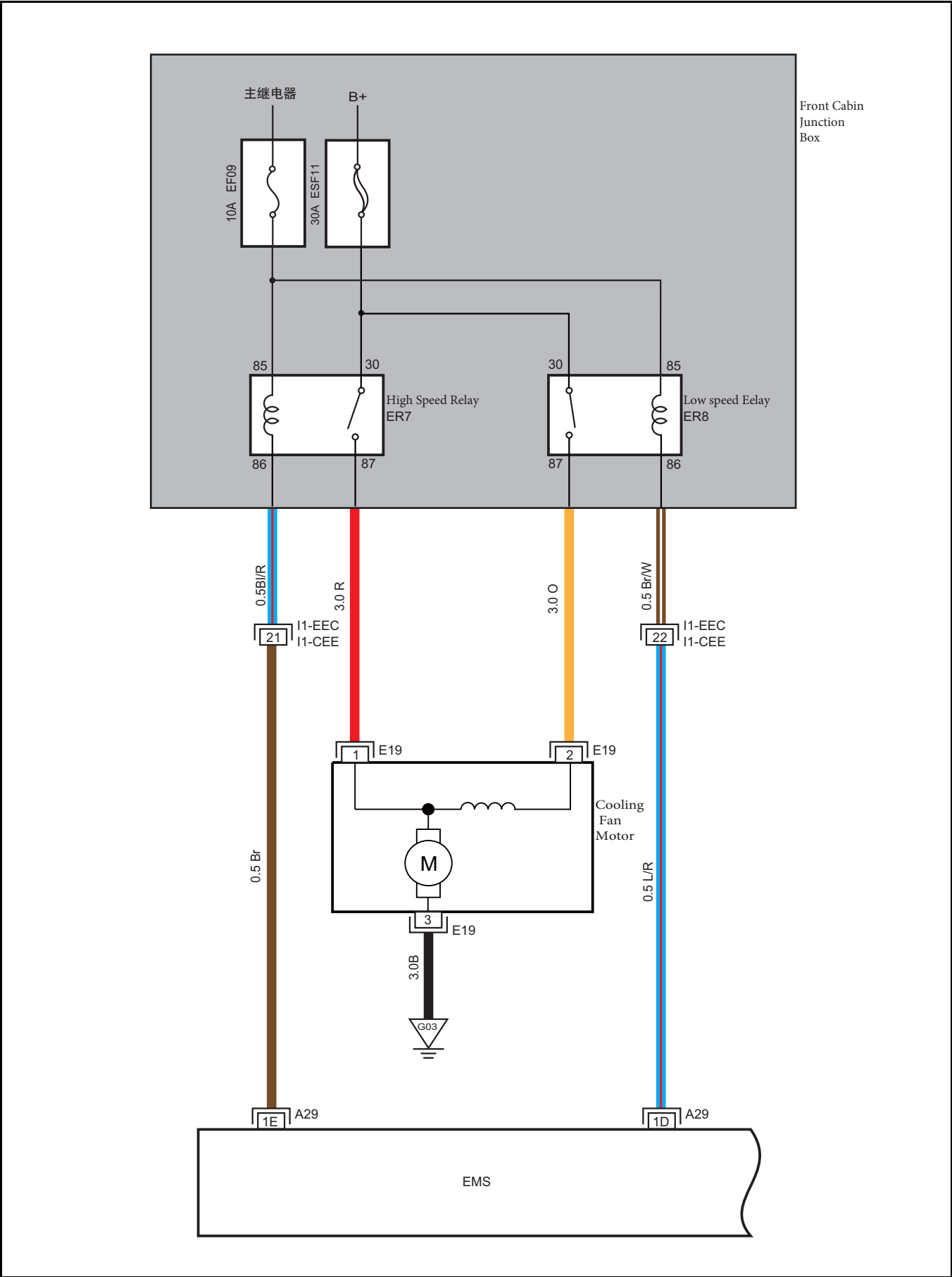
EMS Switch Signal(1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A29	ECU-C	30
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine Harness II	30,31
II-MB	Main Harness to Body Harness I	42
II-BM	Body Harness to Main Harness I	54
II-ME	Main Harness to Engine Harness I	42
II-EM	Engine to Main Harness I	23,25
I3-ME	Main Harness to Engine Harness III	42
I3-EM	Engine to Main Harness III	23,25

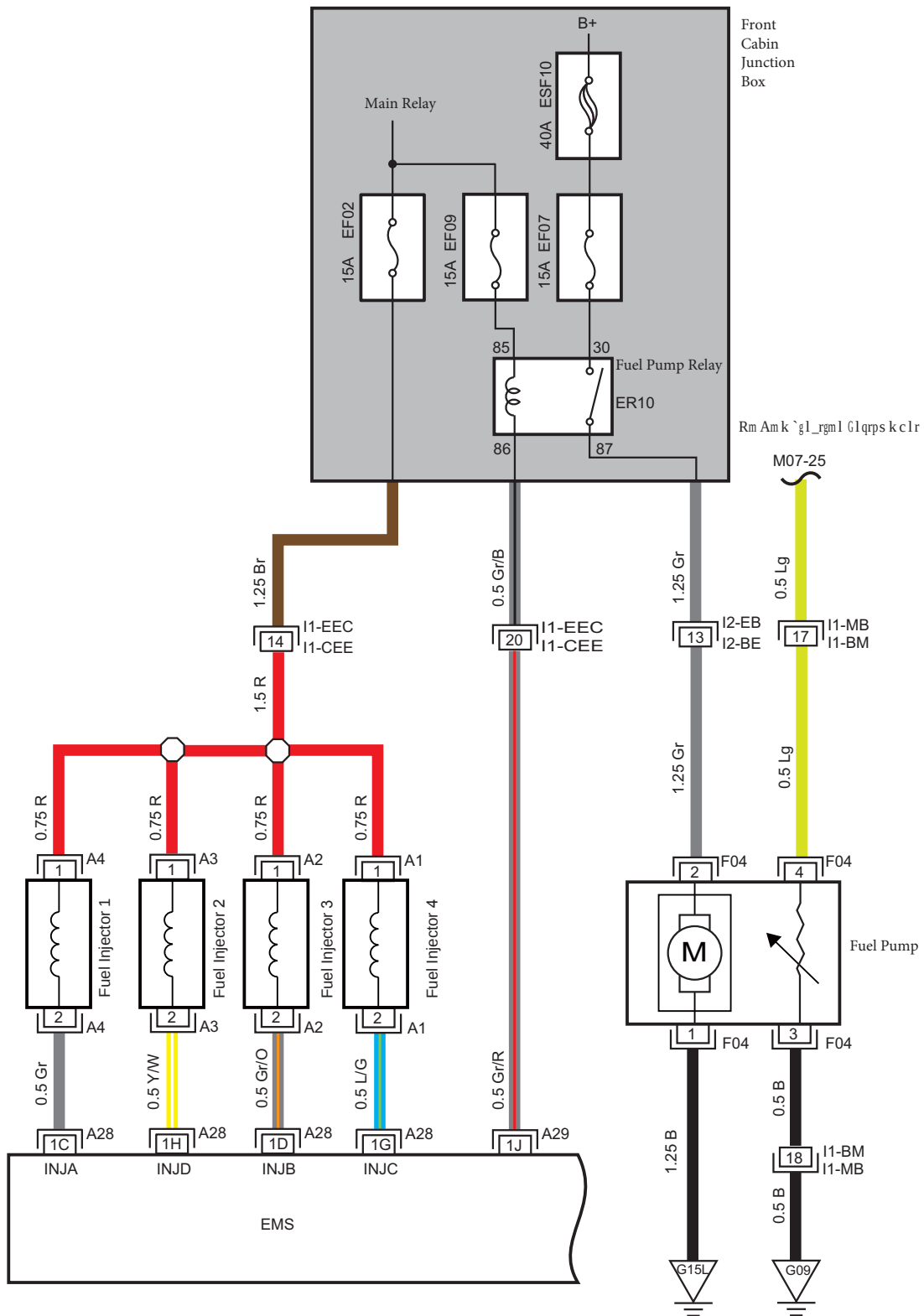
Connecting Point	Description	Page Number
A29-2A	To Diagnosis Interference M10-15	264
A29-2B	To Brake Pedal Switch M11-4	172
A29-2D	To AC Pressure Switch E15-4	210
A29-4D	To AC Pressure Switch E15-2	210
A29-4E	To AC Control Panel M29-7	208
A29-1H	To Console Switch M56-6	258
A29-2J	To Brake Pedal Switch E11-2	172
A29-2M	To BCM M32-37(high equipped)	190
	To SRS Module F14-8	216

Cooling Fan (1.5VVT+CVT/MT)



Harness Connector	Designation	Page Number
A29	ECU-C	30
E19	Cooling Fan 1.5L	22,24
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine Harness I	30,31
G03	GND	77

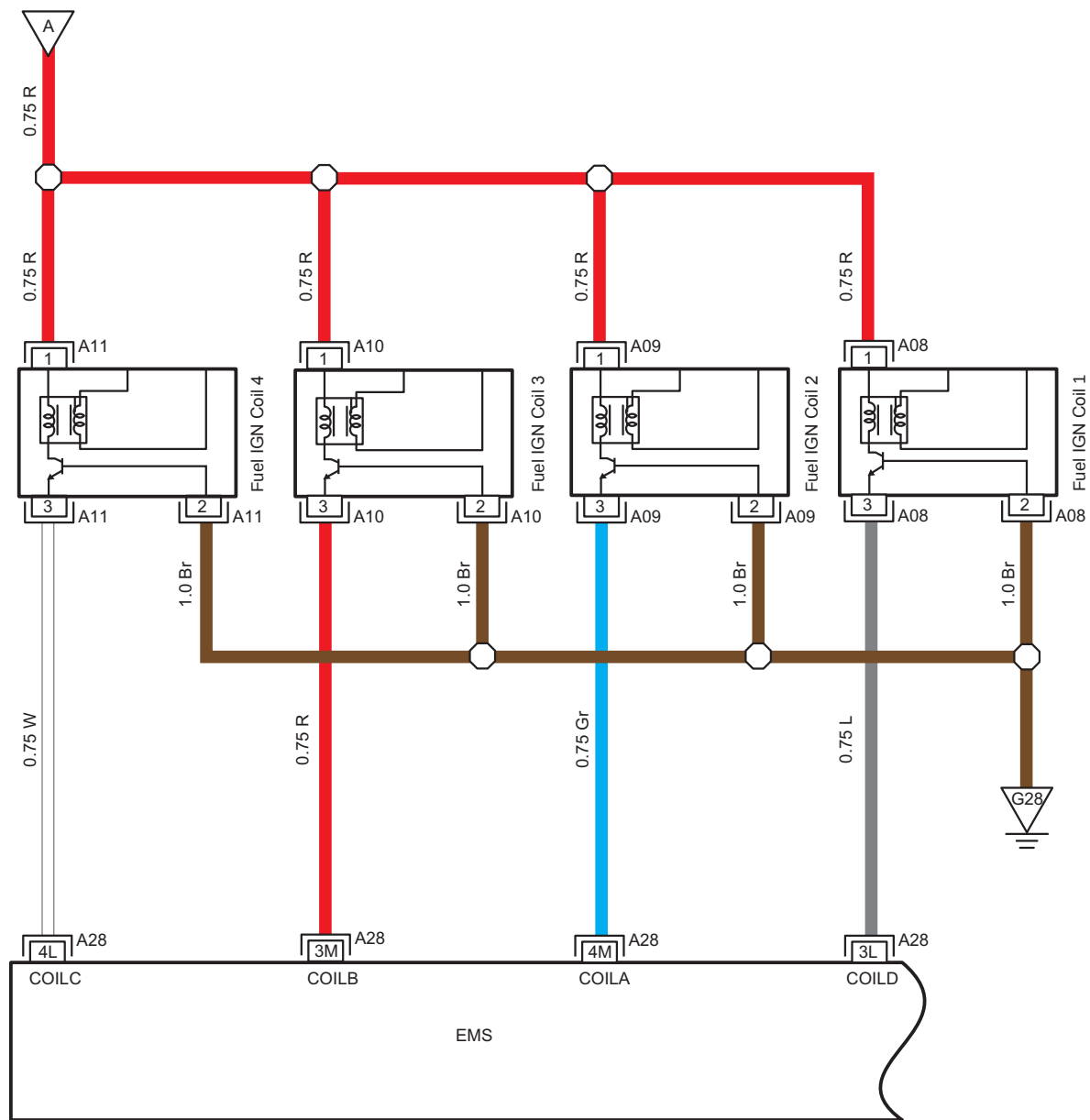
Fuel Pump/Fuel Injector(1.5VVT+CVT)



Harness Connector	Designation	Page Number
A1	Harness Connector of Fuel Injector 4	30
A2	Harness Connector of Fuel Injector 3	30
A3	Harness Connector of Fuel Injector 2	30
A4	Harness Connector of Fuel Injector 1	30
A28	ECU-E	30
A29	ECU-C	30
F04	Harness Connector of Fuel Pump	30
I1-EEC	Engine to Control Harness I	22,24
I1-CEE	Control Harness to Engine Harness I	30,31
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I2-EB	Engine to Main Harness II	23,25
I2-BE	Main Harness to Engine Harness II	54

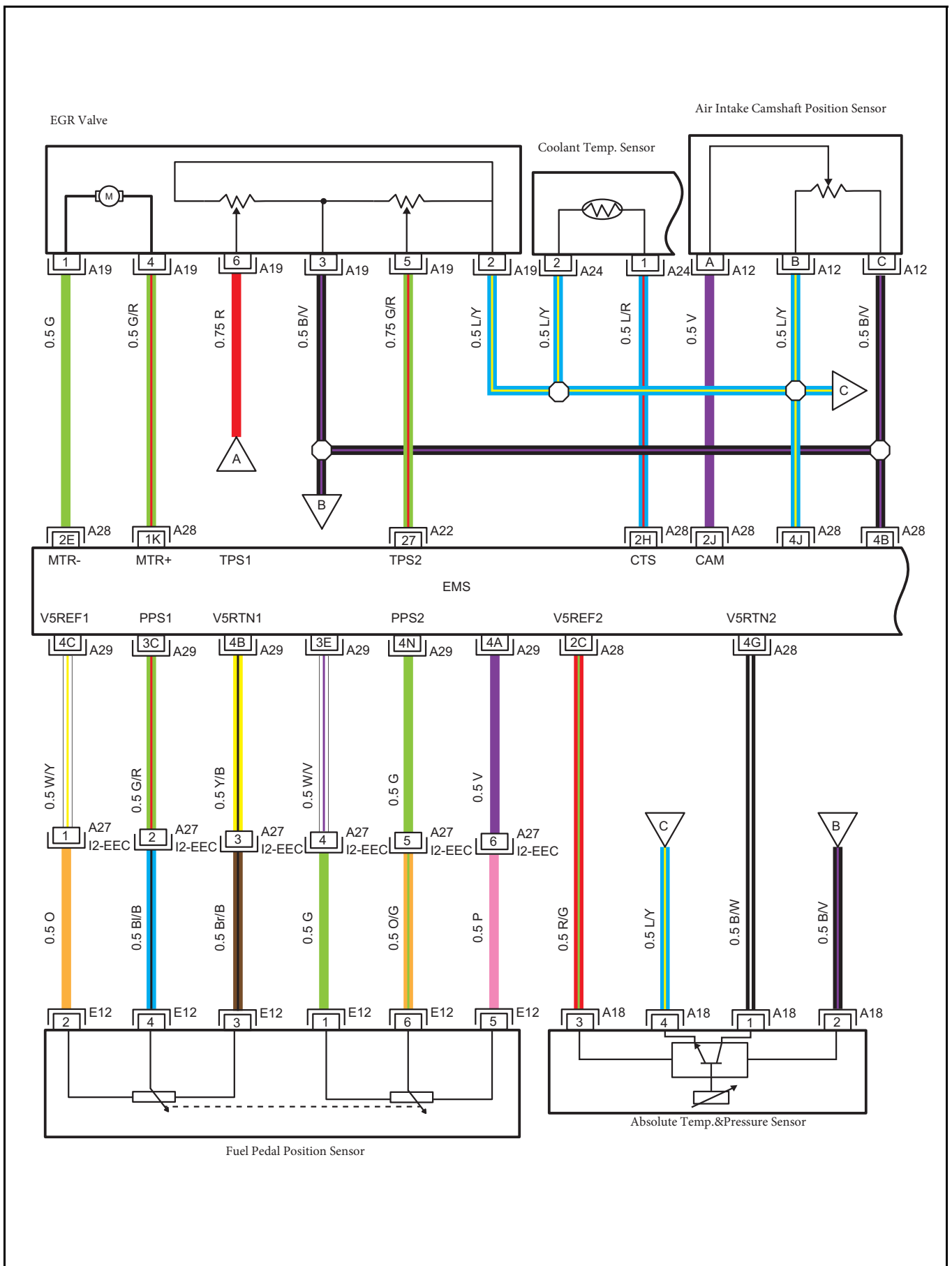
Harness Connector	Designation	Page Number
F04-4	To Combination Instrument M 07-25	156

EMS Ignition(1.6DVVT+CVT



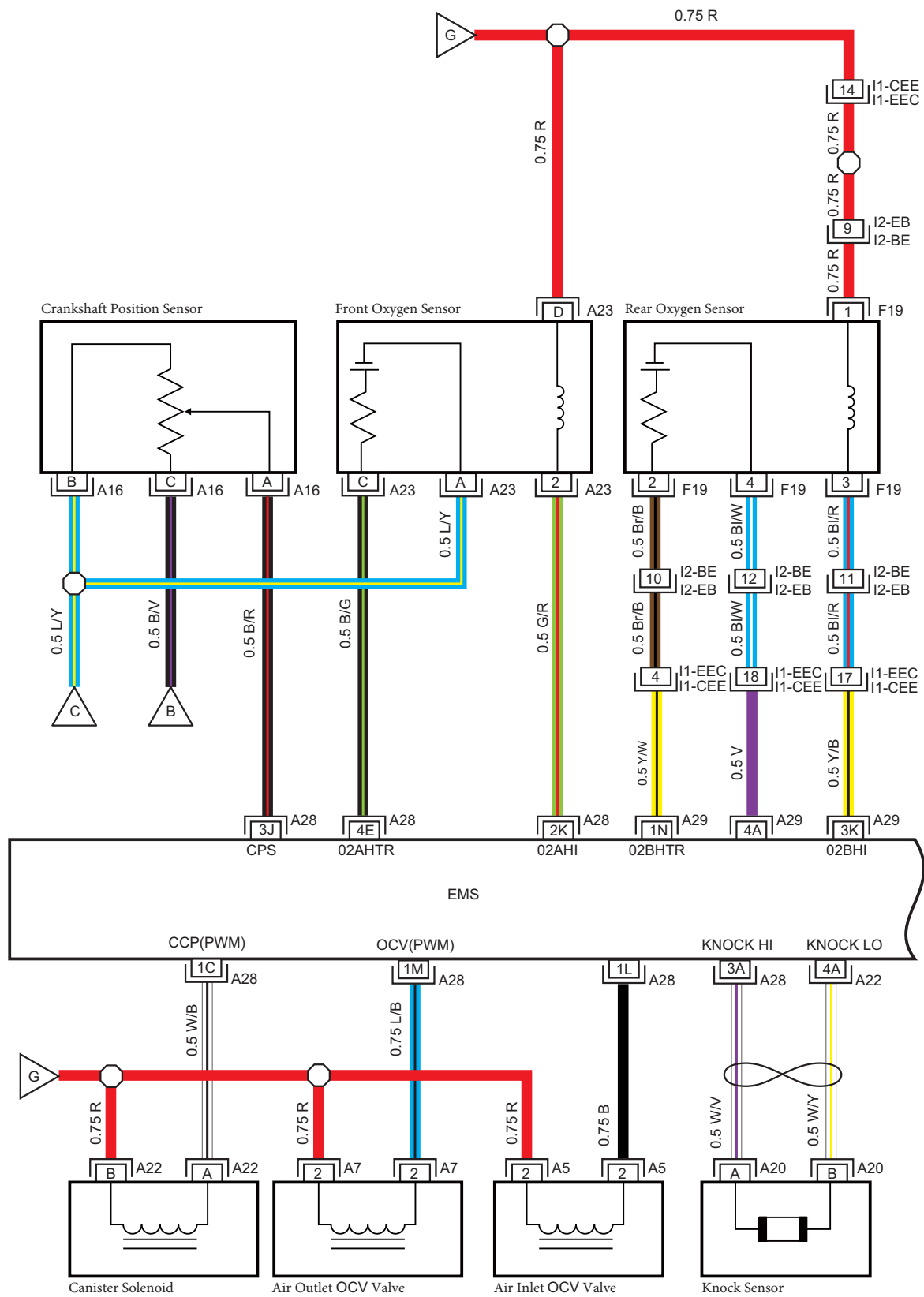
Harness Connector	Designation	Page Number
A08	Harness Connector of IGN Coil 1	30
A09	Harness Connector of IGN Coil 2	30
A10	Harness Connector of IGN Coil 3	30
A11	Harness Connector of IGN Coil 4	30
A28	ECU-E	30
G25	GND	30

EMS Sensor 1(1.5VVT+CVT/MT)



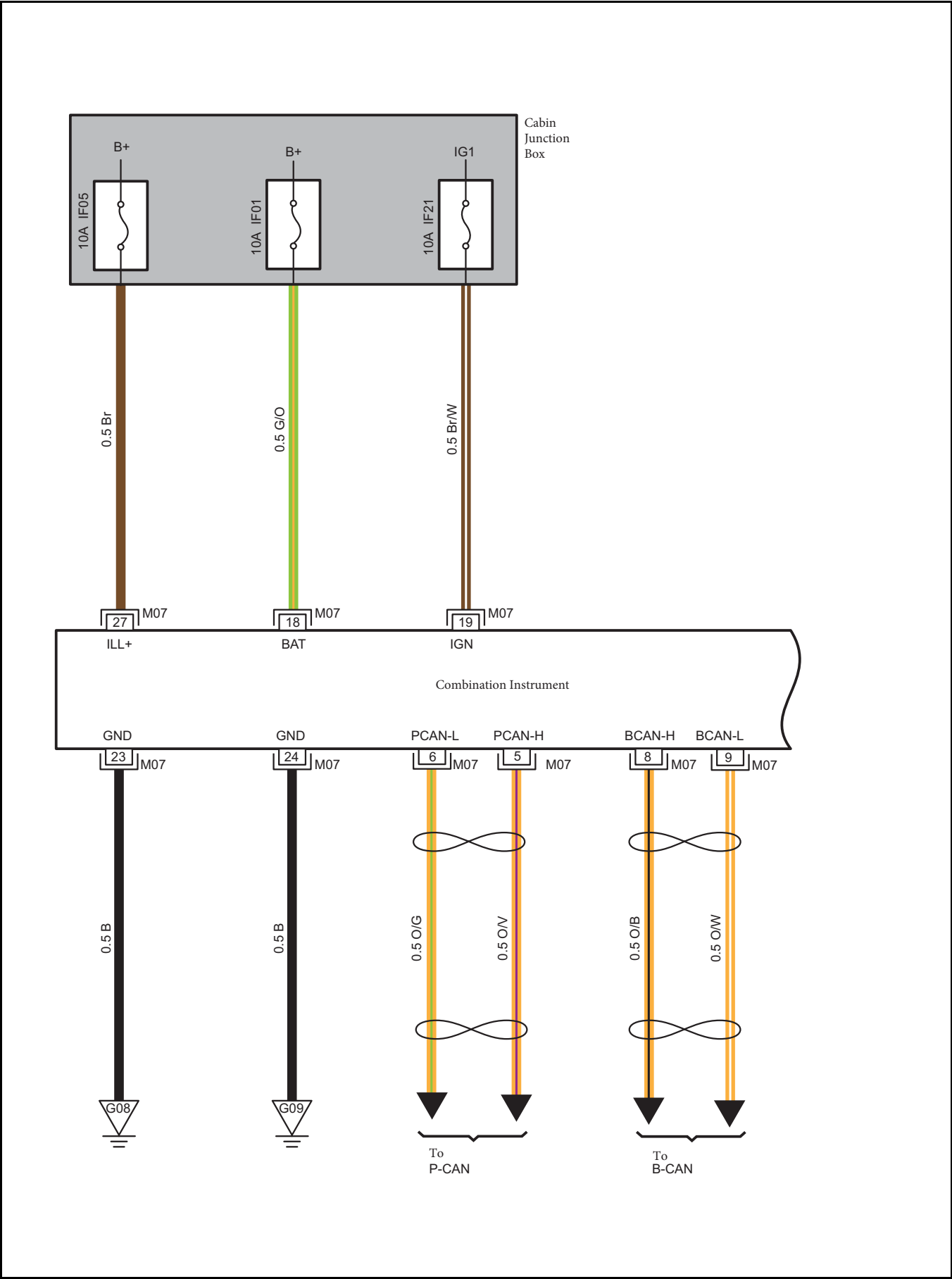
Harness Connector	Designation	Page Number
A12	Harness Connector of Air Intake Camshaft Position Sensor	30
A18	Harness Connector of Absolute Temp.&pressure Sensor	30
A19	Harness Connector of EGR valve	30
A22	Connector of Canister Solenoid	30
A24	Connector of Coolant Temperature Sensor	30
A27	Main Harness 2	30
A28	ECU-E	30
A29	ECU-C	30
E12	Acceleration Pedal Position Sensor	23,25
I2-EEC	Engine Harness to Control Harness II	22,24

EMS Sensor 2(1.6DVVT+CVT)



Harness Connector	Designation	Page Number
A05	Harness Connector of Air Intake OCV valve	30
A07	Harness Connector of Air Outlet OCV valve	30
A16	Harness Connector of Hall Sensor(Crankshaft)	30
A20	Harness Connector of Knock Sensor	30
A22	Harness Connector of Canister Valve	30
A23	Harness Connector of Front Oxygen Sensor	30
A28	ECU-E	30
H29	ECU-C	30
F19	Harness Connector of Rear Oxygen Sensor	54
I1-EEC	Connector I Engine Harness to Control Harness	22.24
I1-CEE	Control Harness Harness to Connector I	30.31
I2-EB	Connector I Engine Harness to Body Harness	23.25
I2-BE	Connector I Body Harness to Engine Harness	54

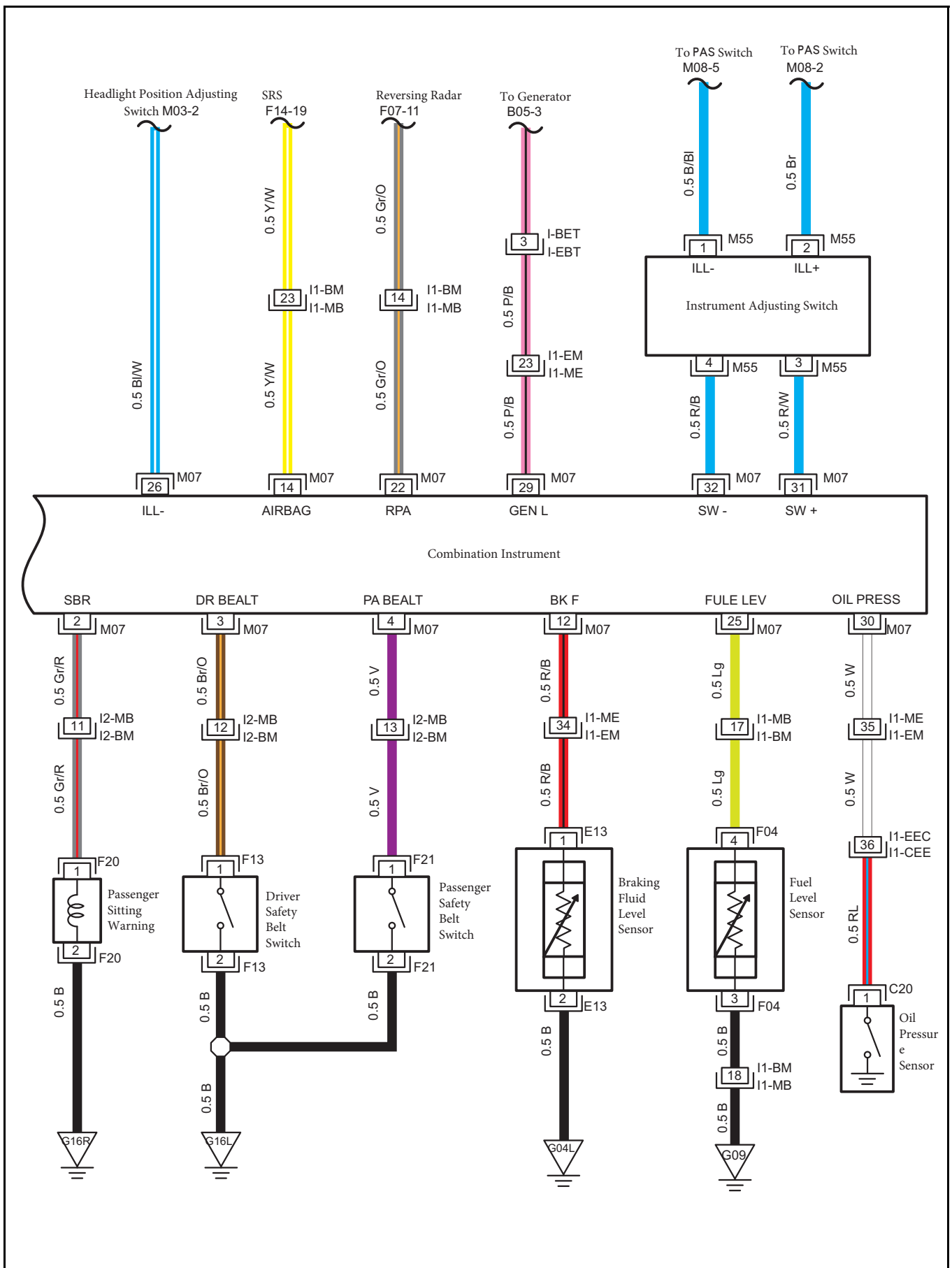
Combination Instrument 1



Harness Connector	Designation	Page Number
M 07	Harness Connector of Combination Instrument C2	42
G 08	GND	78
G 09	GND	78

Harness Connector	Designation	Page Number
M07-5	To P-CAN	266
M07-6		
M07-8	To B-CAN	268
M07-9		

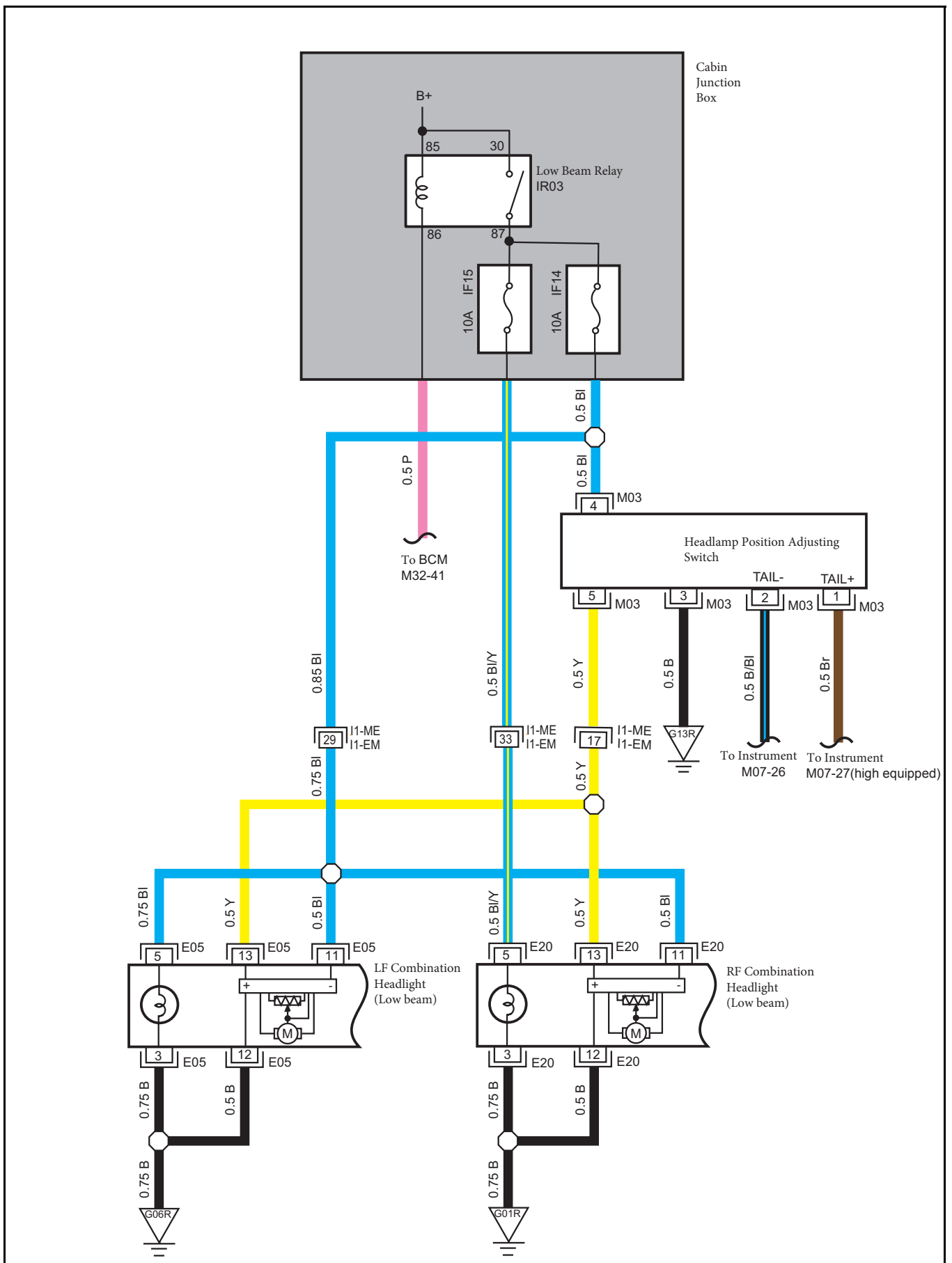
Combination Instrument 2



Harness Connector	Designation	Page Number
A 20	Harness Connector of Oil Pressure Switch	30,31
E 13	Braking Fluid Level Switch	22,24
F 04	Harness Connector of Fuel Pump	54
F 13	Harness Connector of Driver Safety Belt Switch	54
F 20	Harness Connector of Passenger Sitting Warning Sensor	54
F 21	Harness Connector of Passenger Safety Belt Switch	54
I1-CEE	Control Harness to Engine Harness I	30,31
I1-EEC	Engine to Control Harness I	22,24
I1-BET	Battery to Engine Harness	19
I1-EBT	Engine to Battery Harness	22
I1-BM	Body Harness to Main Harness I	54
I1-MB	Main Harness to Body Harness I	42
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	13,25
I1-MB	Main Harness to Body Harness II	42
I1-BM	Body Harness to Main Harness II	54
M 07	Harness Connector of Combination Switch C2	42
M 55	Connector of Instrument Adjusting Switch	43,44
G04L	GND	77
G09	GND	78
G16L	GND	79
G16R	GND	79

Harness Connector	Designation	Page Number
M 07-14	To SRS F14-19	216
M 07-22	To Reversing Radar F07-11	234
M 07-26	To Headlight Adjusting Switch M03-2	234
M 07-29	To Generator Switch M05-3	102
M 55-1	To PAS Switch M08-5	216
M 55-2	To PAS Switch M08-2	216

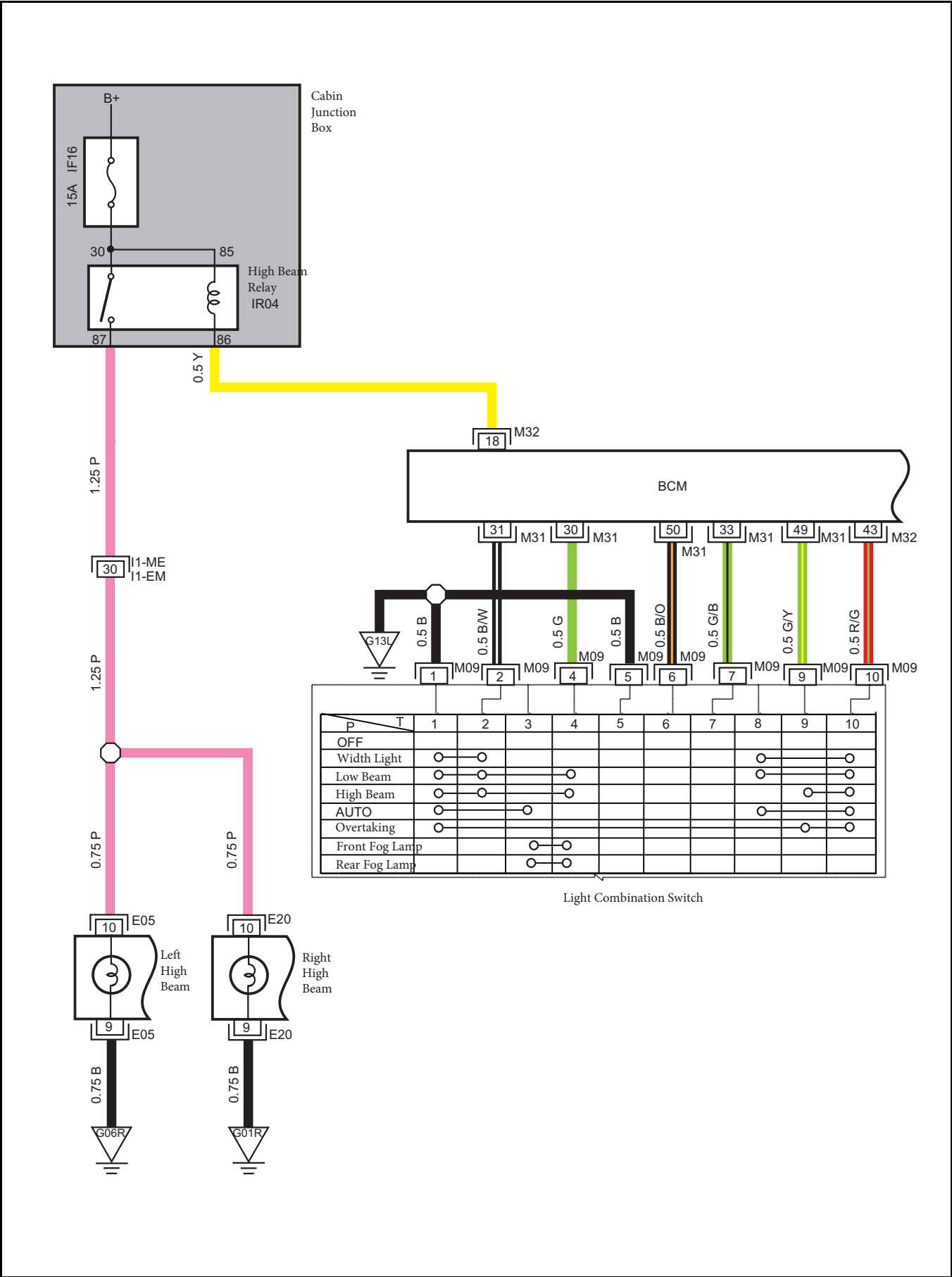
Front Headlamp(Low Beam)



Harness Connector	Designation	Page Number
E 05	LF Combination Headlamp	22,24
E 20	RF Combination Headlamp	22,24
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	23,25
M 03	Headlamp Position Adjusting Switch	43,44
G 01R	GND	77
G 06R	GND	77
G 13R	GND	78

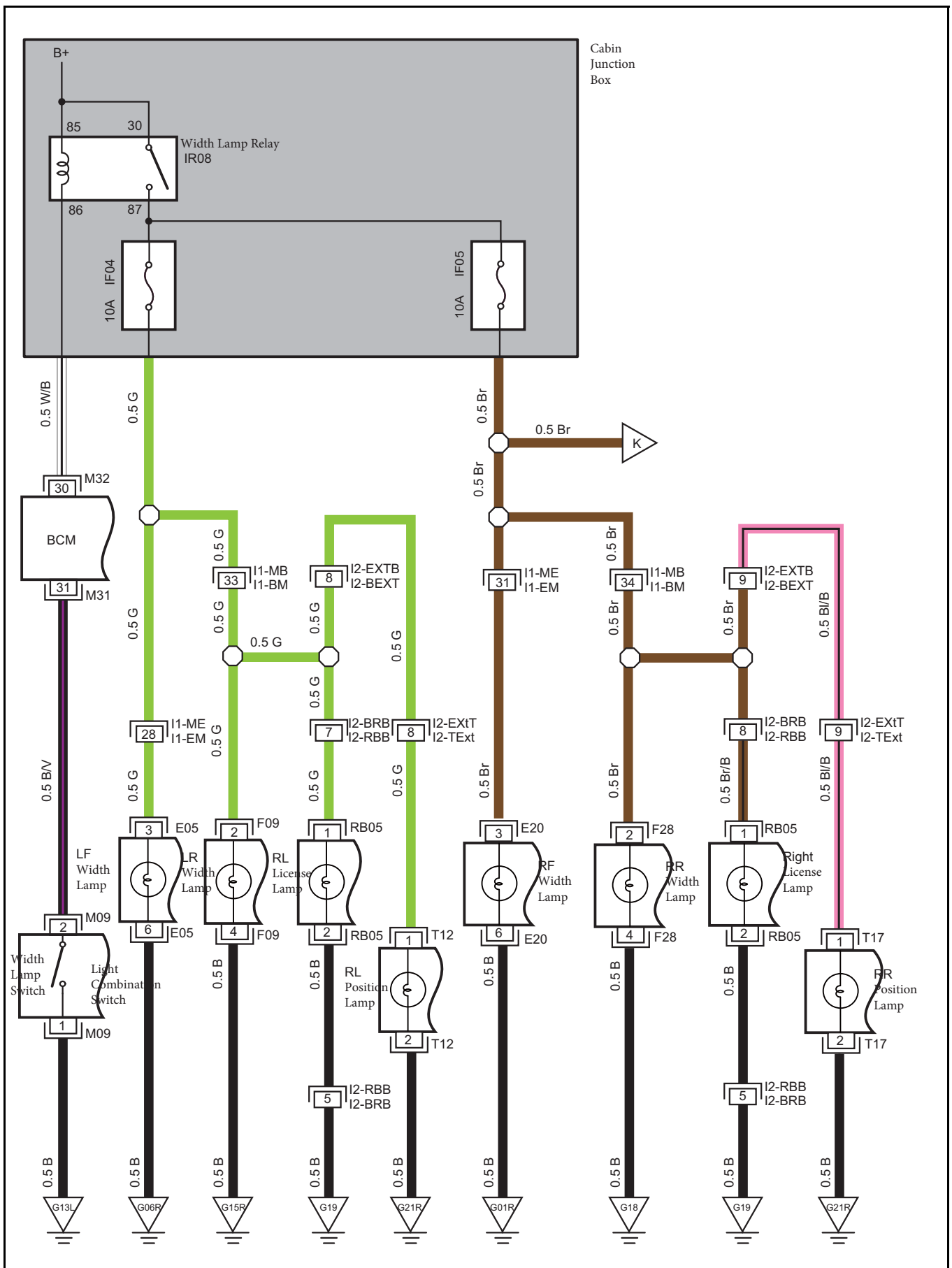
Harness Connector	Designation	Page Number
M 03-1	To Combination Instrument M07-27(high equipped)	154
M 03-2	To Combination Instrument M07-26	156

Front Headlamp(High Beam)



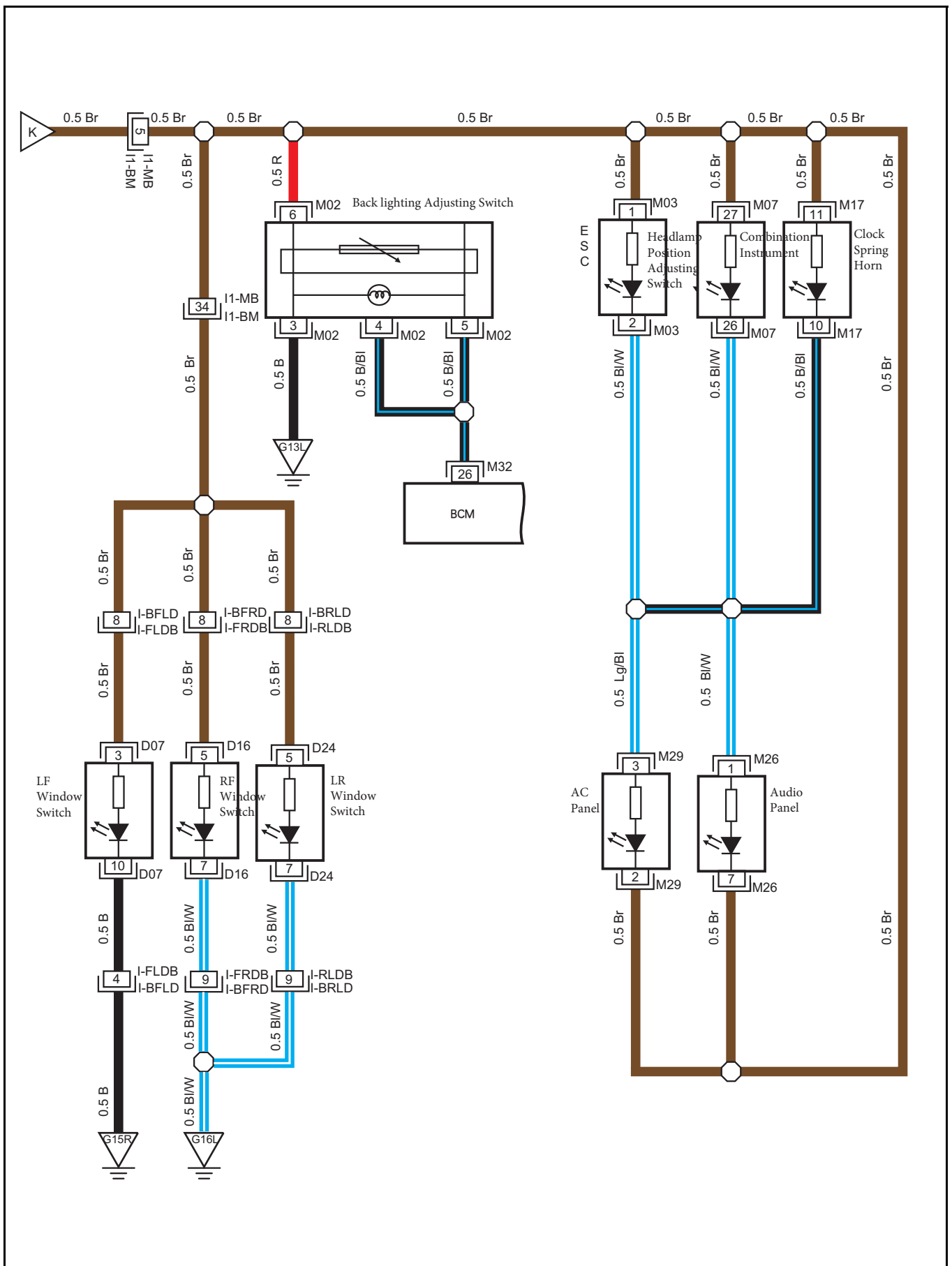
Harness Connector	Designation	Page Number
E 05	LF Combination Headlamp	22,24
E 20	RF Combination Headlamp	22,24
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	23,25
M 09	Combination-light harness	42
M 31	Harness Connector of BCM C1 module	43,44
M 32	Harness Connector of BCM C2 module	43,44
G 01R	GND	77
G 06R	GND	77
G 13R	GND	78

Width Lamp



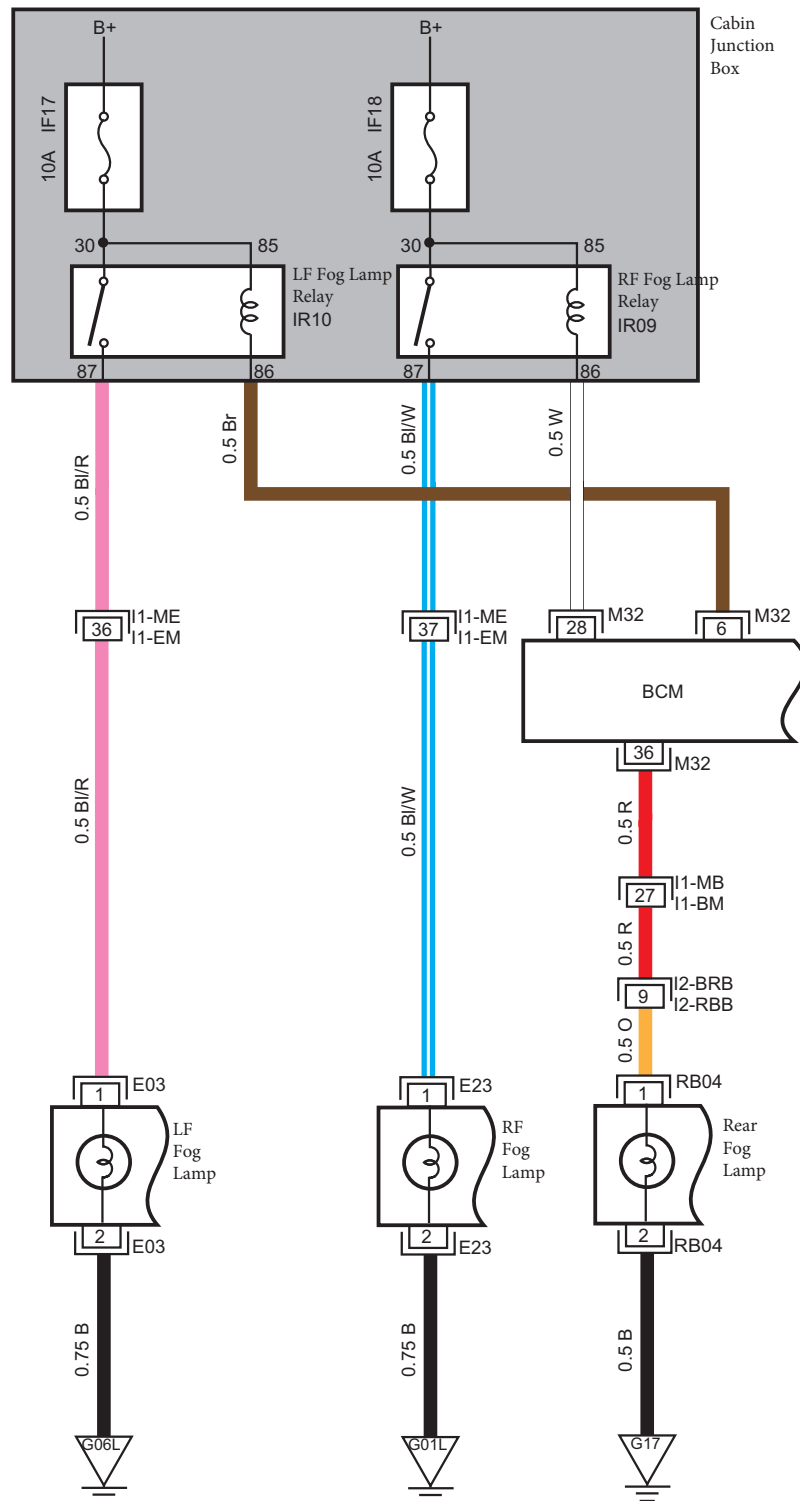
Harness Connector	Designation	Page Number
I2-BRB	Body to Reversing Radar Harness Connector	54
I2-RBB	Reversing Radar to Body Harness Connector	71
I2-EXTB	Tail Gate Transition to Body Harness II	65
I2-BEXT	Body toTail Gate Transition Harness II	54
I2-EXTT	Tail Gate Transition to Tail Gate Harness II	65
I2-TEXT	Tail Gate to Tail Gate Transition Harness II	64
I1-ME	Main Harness to Engine Harness I	23,25
I1-EM	Engine to Main Harness I	42
I1-BM	Body to Main Harness I	54
I1-MB	Main Harness to Body Harness I	42
E05	LF Combination Light	22
E20	RF Combination Light	23,24
F09	Harness Connector of LR Combination Light	55
F28	Harness Connector of RR Combination Light	54
M09	Combination Switch-Light harness	42
M31	Harness Connector of BCM C1 Module	43,44
M32	Harness Connector of BCM C2 Module	43,44
RB05	Harness Connector of Left License Plate	71
T12	Harness Connector of Left Reversing light	64
T17	Harness Connector of Right Reversing light	64
G 01R	GND	77
G 06R	GND	77
G 13L	GND	78
G 15R	GND	79
G 18	GND	79
G 19	GND	79
G 21R	GND	80

Back Lighting



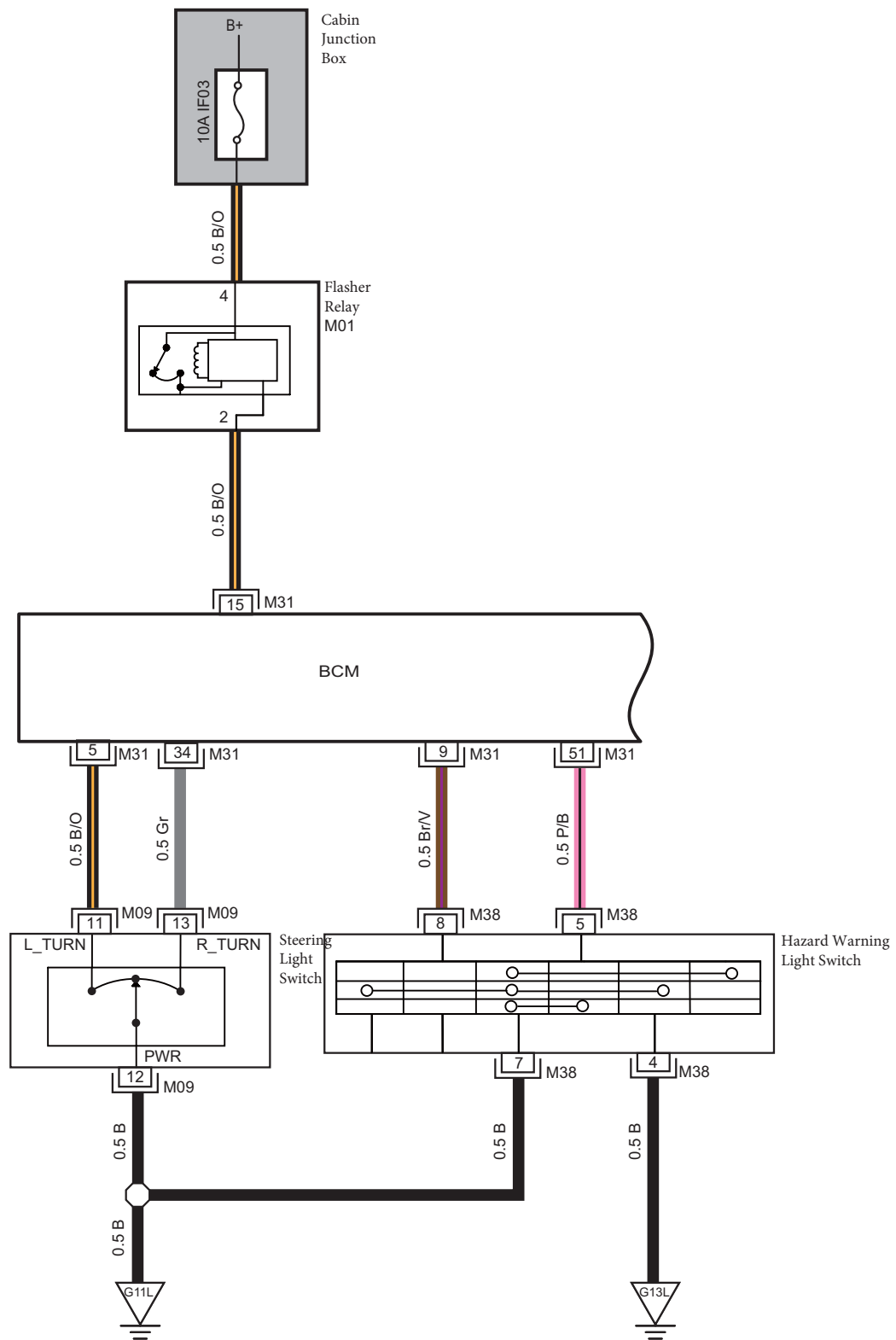
Harness Connector	Designation	Page Number
D07	Harness Connector of LF Door Knob Sensor	61
D16	Harness Connector of RF Window Switch	62
D24	Harness Connector of RL Window Switch	61
I-BFLD	Body to LF Door Harness I	54
I-FLDB	LF Door to Body Harness I	61
I-BFRD	Body to RF Door Harness I	54
I-FRDB	RF Door to Body Harness I	62
I-BRLD	Body to RL Door Harness I	55
I-RLDB	RL Door to Body Harness I	61
I-BRRD	Body to RR Door Harness I	55
II-BM	Body to Main Harness I	54
II-MB	Main to Body Harness I	42
M02	Harness Connector of Light Adjusting Switch	43,44
M03	Harness Connector of High Beam Position Adjusting Switch	43,44
M07	Harness Connector of Instrument C2	42
M17	Clock Spring- Horn Harness Connector	43,44
M26	Harness Connector of Audio	43,44
M29	Harness Connector of AC Panel C1	42
M32	Harness Connector of BCM C2	43,44
M38	Harness Connector of Hazard Warning Light	42
G 11L	GND	78
G 15L	GND	79
G 15R	GND	79
G 16L	GND	79

Fog Lamp



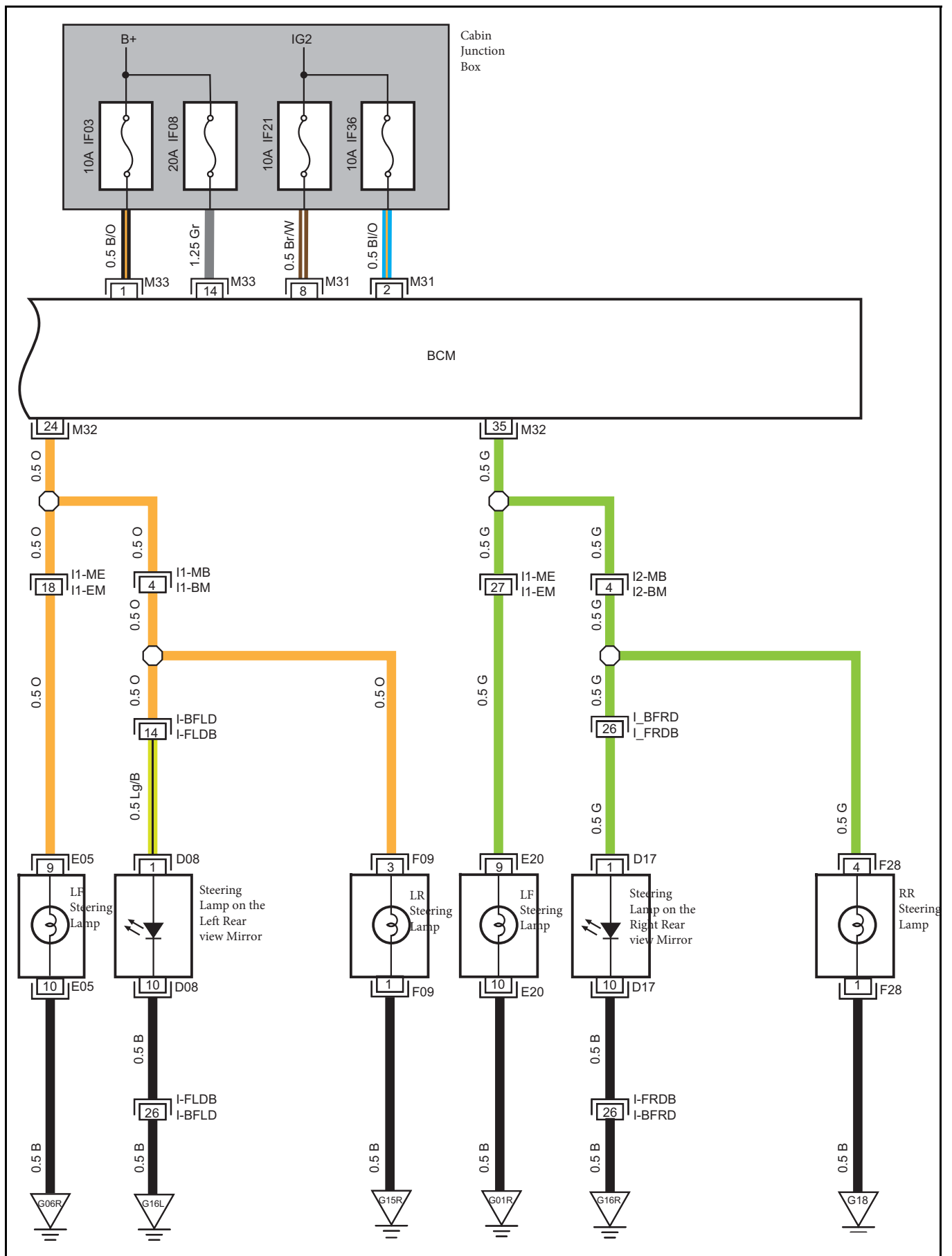
Harness Connector	Designation	Page Number
E03	Left Fog Lamp	22,24
E23	Right Fog Lamp	22,24
I1-BM	Body to Main Harness Harness I	54
I1-MB	Main Harness to Body Harness I	42
I1-EM	Engine to Main Harness I	23,25
I1-ME	Main Harness to Engine Harness I	42
I2-RBB	Main Harness to Engine Harness I	71
I2-BRB	Body Harness to Reversing Harness I	54
M32	BCM C2 Module	43,44
RB04	Rear Fog Lamp Connector	71
G 01L	GND	77
G 06L	GND	77
G 17	GND	79

Steering Light /Hazard Warning Light 1



Harness Connector	Designation	Page Number
M09	Combination Switch-Light Harness	42
M31	BCM Controller C1 Harness Connector	43,44
M38	Hazard Warning light Harness Connector	42
G11L	GND	78

Steering Light /Hazard Warning Light 2

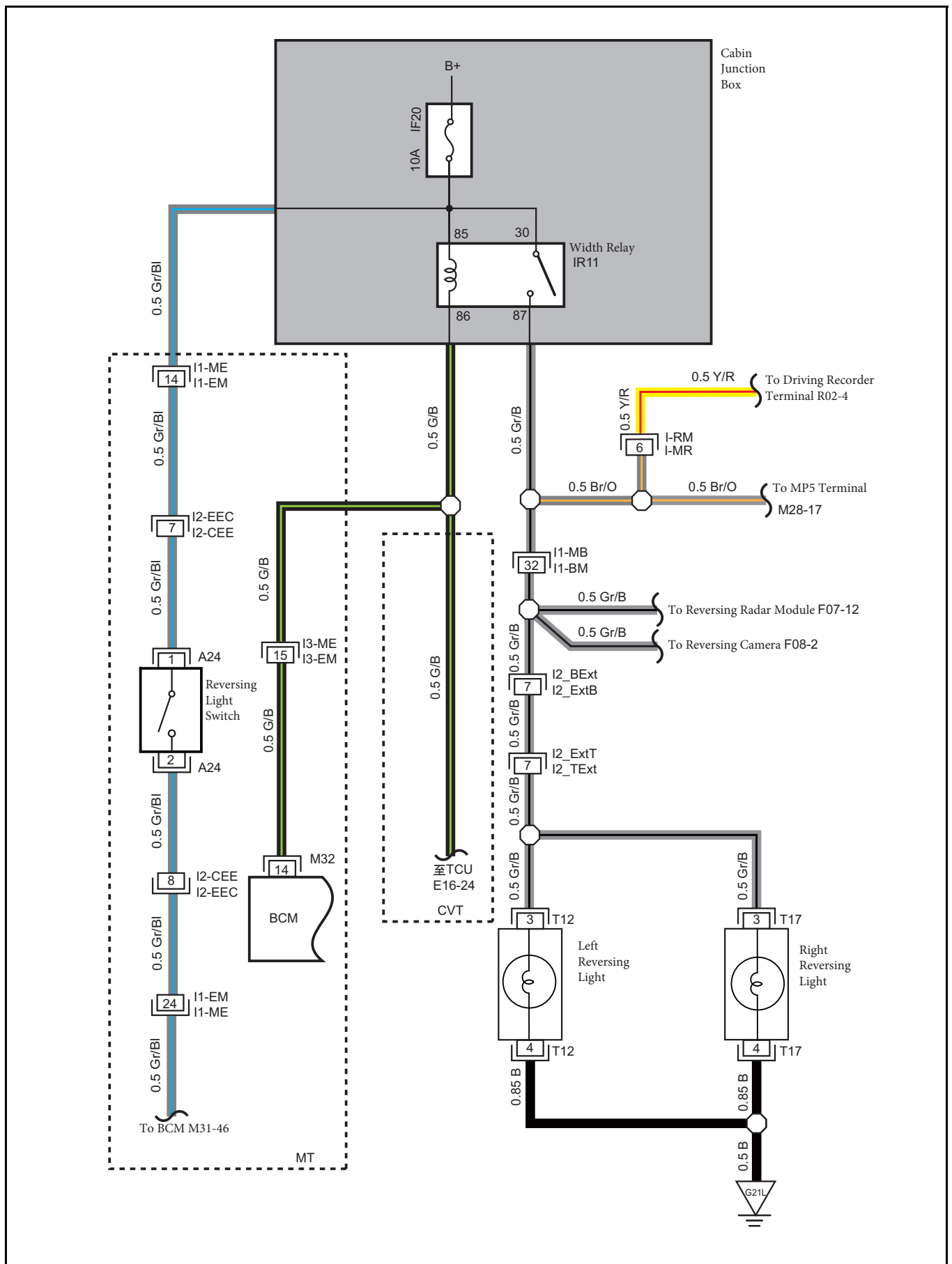


Harness Connector	Designation	Page Number
D08	Connector of Left Rear View Mirror	61
D17	Connector of Right Rear View Mirror	62
E05	LF Combination Lamp	22
E20	RF Combination Lamp	22,24
F09	Harness Connector of LR Combination Lamp	55
F28	Harness Connector of RR Combination Lamp	54
I2-RBB	Main Harness to Engine Harness I	54
I2-BRB	Body Harness to Reversing Harness I	62
M32	BCM C2 Module	54
RB04	Rear Fog Lamp Connector	61
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	23,25
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body to Main Harness Harness I	54
I2-MB	Main Harness to Body Harness II	42
I2-BM	Body to Main Harness Harness II	54
M 31	BCM C1 Harness Connector	43,44
M 32	BCM C2 Harness Connector	43,44
M 33	BCM C3 Harness Connector	43,44
G 01R	GND	77
G 06R	GND	77
G 15R	GND	79
G 16R	GND	79
G 16L	GND	79
G 18	GND	79

Harness Connector	Designation	Page Number
E11	Brake Pedal Switch	23,25
F09	LR Combination Lights Harness	55
F16	Harness Connector of Handbrake Switch	54
F28	Harness Connector of RR Combination Light	54
II-EEC	Engine to Control Harness I	22,24
II-CEE	Control Harness to Engine I	30,31
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	23,25
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body to Main Harness Harness I	54
I2-BEXT	Body to Tail Gate Transition Harness II	54
I2-EXTB	Tail Gate Transition to Body Harness II	65
M32	BCM C2 Harness Connector	43,44
T 01	High Brake Light Harness Connector	65
G 15R	GND	79
G 18	GND	79

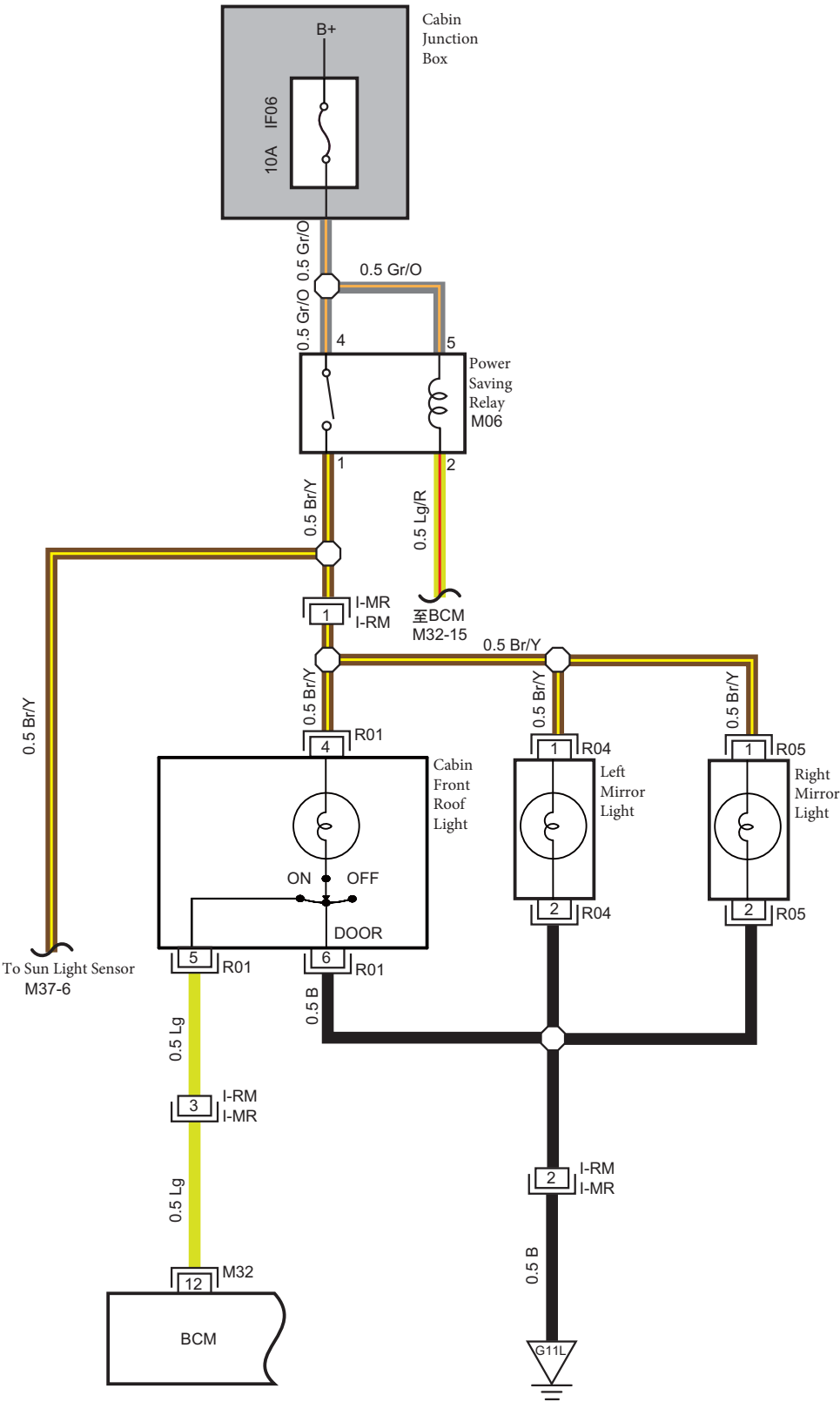
Harness Connector	Designation	Page Number
E11-2	E11-2 to PSE M51-12	262
	To EMS A22-33	128
	To TCU E08-29	220
	E11-2 to ABS E17-30	226
E11-4	E11-4 to EMS A22-69	128

Reversing Lamp



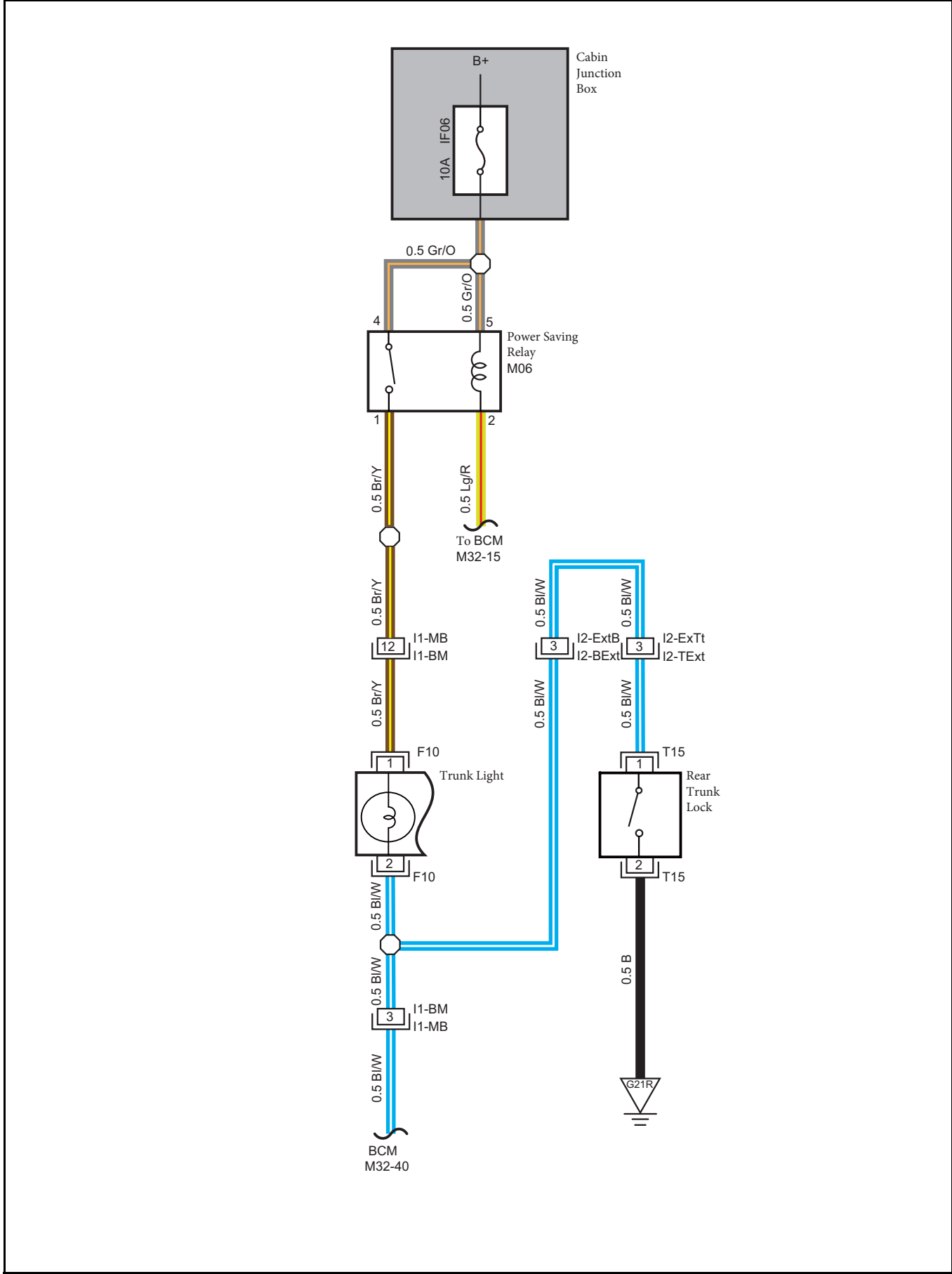
Harness Connector	Designation	Page Number
A24	Harness Connector of Reversing Light Switch	30,31
I1-ME	Main Harness to Engine Harness I	42
I1-EM	Engine to Main Harness I	23,25
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body to Main Harness Harness I	54
I1-RM	Roof to Main Harness Harness I	51
I1-MR	Main Harness to Roof Harness I	42
I2-EEC	Engine to Control Harness II	22,24
I2-CEE	Control Harness to Engine II	30,31
I2-BEXT	Body To Tail Gate Transition Harness II	54
I2-EXTB	Tail Gate Transition Harness to Body Harness II	65
I2-EXTT	Tail Gate Transition Harness to Tail Gate Harness II	65
I2-TEXT	Tail Gate Harness to Tail Gate Transition Harness II	64
I3-ME	Main to Engine Harness III	42
I3-EM	Engine to Main Harness III	23,25
T12	Left Side Reversing Combination Lights Connector	64
T17	Right Side Reversing Combination Lights Connector	64
G21L	GND	80

Ceiling Lamp



Harness Connector	Designation	Page Number
I-RM	Roof harness to Main Harness	51
I-MR	Main to Roof Harness	42
R01	Harness Connector of Front Cabin Light	51
R04	Left Make-up Mirror Connector	51
R05	Right Make-up Mirror Connector	51
R05	Right Make-up Mirror Connector	51
M32	BCM C2 Harness Connector	43,44
G11L	GND	78

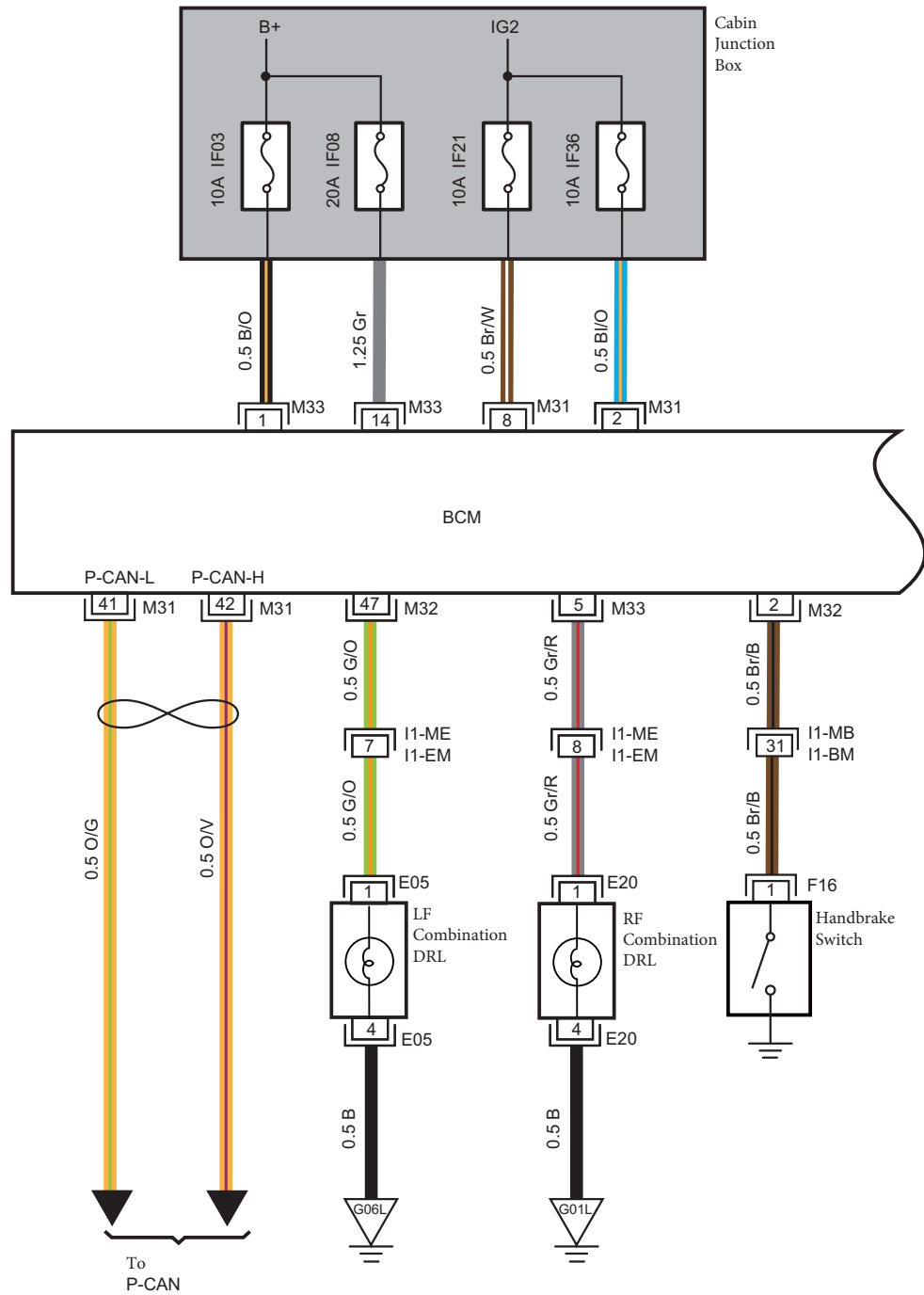
Harness Connector	Designation	Page Number
M06-2	Power Saving Relay M06-2 to BCM M32-15	186



Harness Connector	Designation	Page Number
F10	Harness Connector of Trunk Light	55
II-MB	Main to Body Harness I	42
II-BM	Body to Main Harness I	54
I2-EXTT	Tail Gate Transition to Tail Gate Harness II	65
I2-TEXT	Tail Gate to Tail Gate Transition Harness II	64
I2-EXTB	Tail Gate Transition to Body Harness II	65
I2-BEXT	Body Harness to Tail Gate Transition Harness II	54
T15	Trunk Lock Harness Connector	64
G21R	GND	80

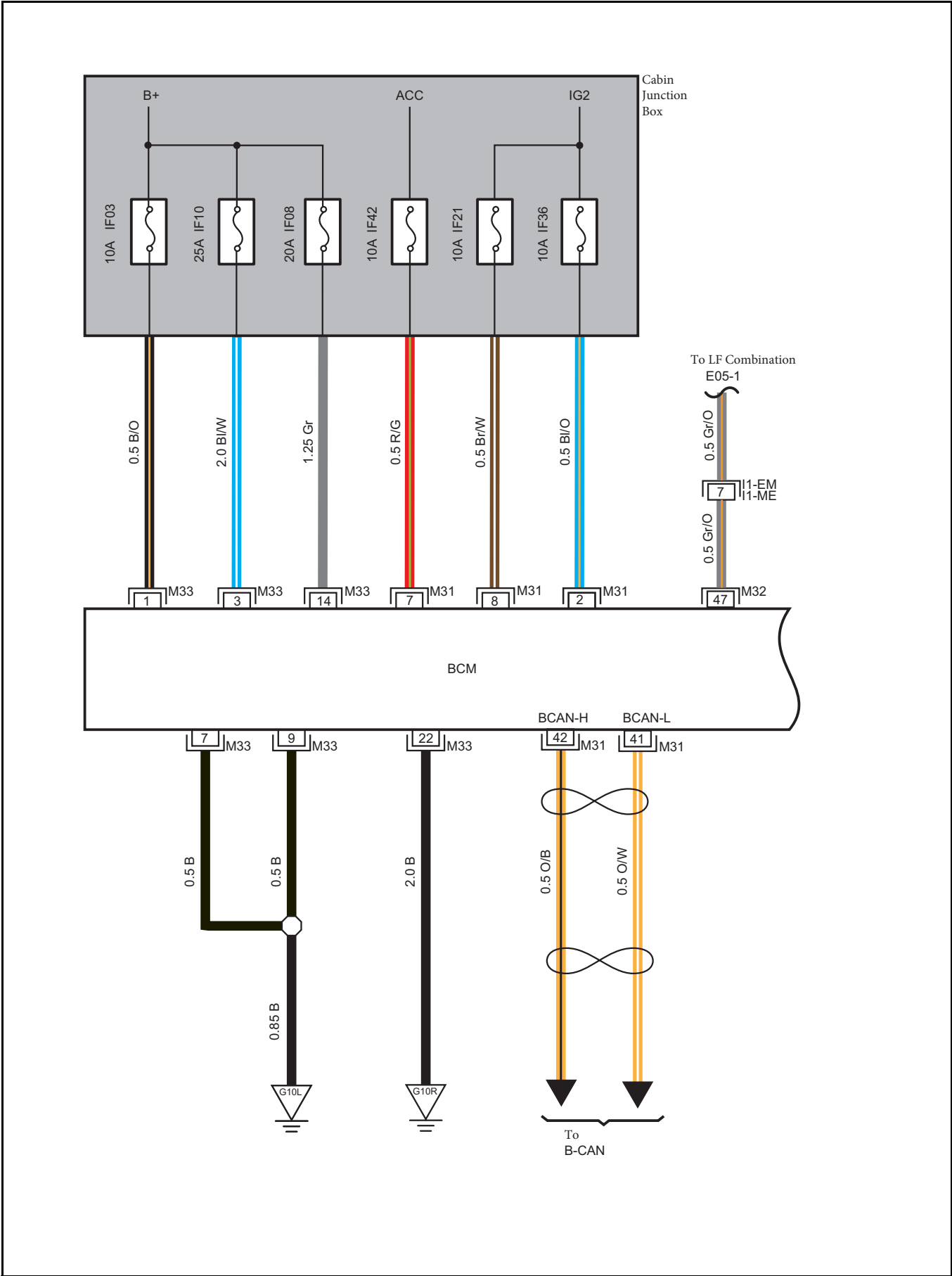
Harness Connector	Designation	Page Number
F10-2	To BCM M32-40	184
F06-2	To BCM M32-15	186

Daytime Driving Lamp



Harness Connector	Designation	Page Number
E05	LF Combination Light	22,24
E20	RF Combination Light	22,24
F16	Harness Connector of Hand Brake Switch	54
II-EM	Engine Harness to Main Harness I	23,25
II-ME	Main Harness to Engine Harness I	42
II-BM	Body Harness to Main Harness I	54
II-MB	Main Harness to Body Harness I	42
M31	BCM C1 Harness Connector	43,44
M32	BCM C2 Harness Connector	43,44
M33	BCM C3 Harness Connector	43,44
G01L	GND	77
G06L	GND	77

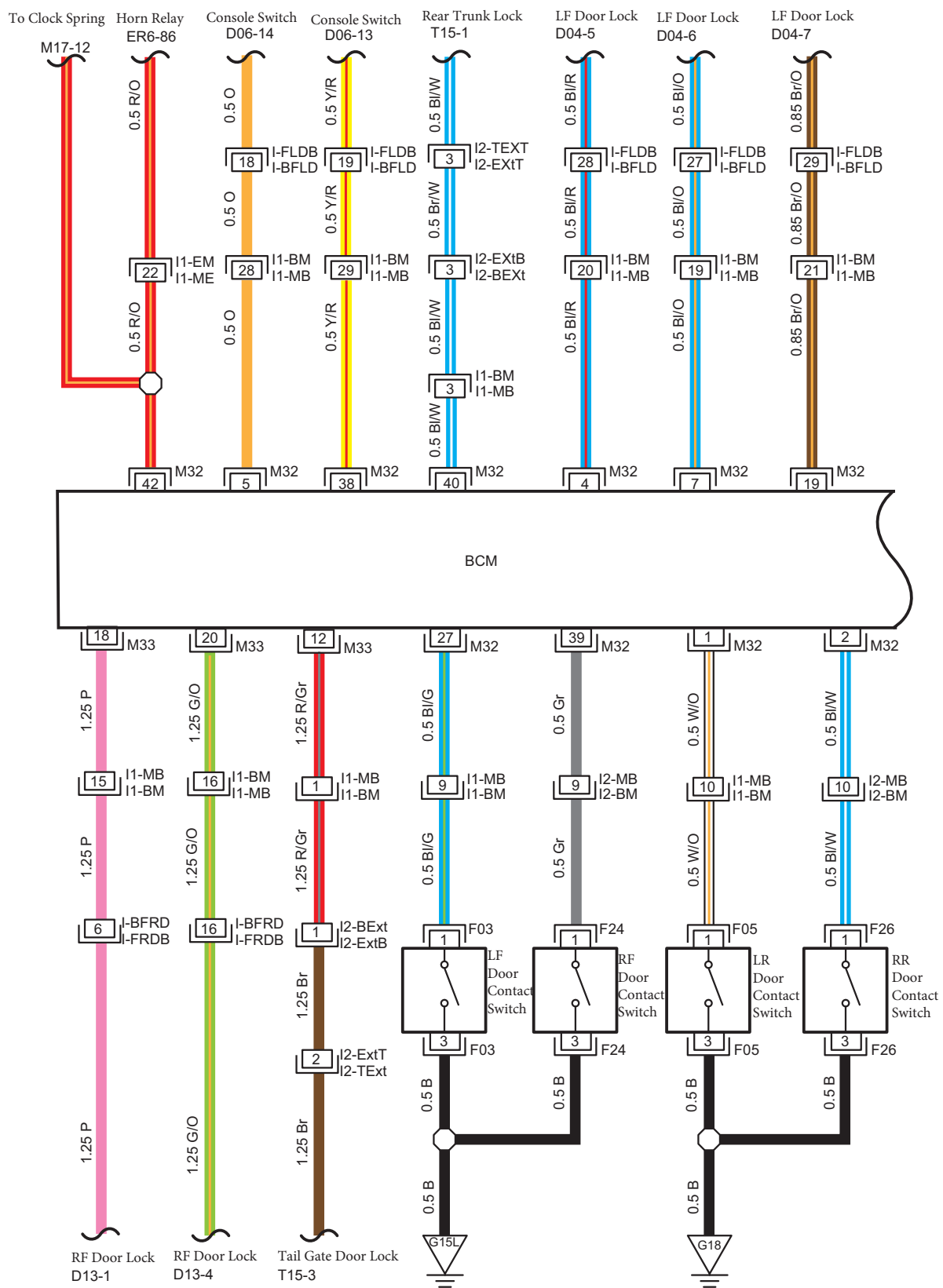
BCM1



Harness Connector	Designation	Page Number
II-ME	Main Harness To Engine Harness I	42
II-EM	Engine Harness To Main Harness I	23,25
M31	BCM C1 Harness Connector	43,44
M32	BCM C2 Harness Connector	43,44
M33	BCM C3 Harness Connector	43,44
G 10L	GND	78
G 10R	GND	78

Harness Connector	Designation	Page Number
M31-41	To B-CAN	266
M31-42		
M31-47	To DRL E05-1	170

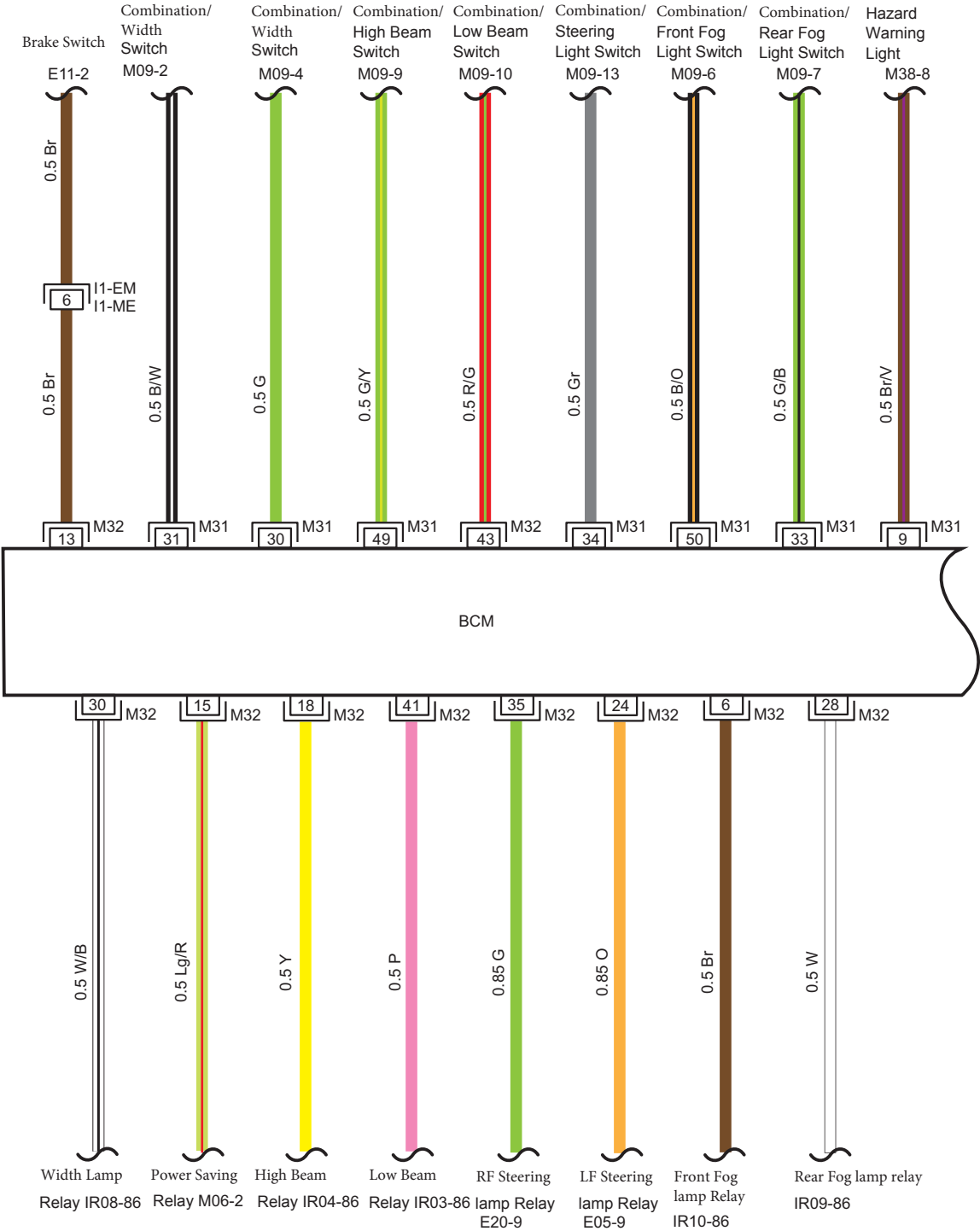
BCM2



Harness Connector	Designation	Page Number
II-EM	Engine Harness To Main Harness I	23,25
II-ME	Main Harness To Engine Harness I	42
I-BFRD	Body Harness to Right Door Harness	54
I-FRDB	Right Door Harness to Body Harness	62
I-FLDB	LF Door Harness to Body Harness	61
I-BFLD	Body Harness to LF Door Harness	54
I-BM	Body Harness To Main Harness I	54
I-MB	Main Harness To Body Harness I	42
I2-BM	Body Harness To Main Harness II	54
I2-MB	Main Harness To Body Harness II	42
I2-TEXT	Tail Gate To Tail Gate Transition Harness II	64
I2-EXTT	Tail Gate Transition To Tail Gate Harness II	65
I2-EXTB	Tail Gate Harness To Body Harness II	65
I2-BEXT	Body Harness To Tail Gate Harness II	54
M32	BCM C2 Harness	43,44
M33	BCM C3 Harness	43,44
F03	LF Door Contact Switch	55
F05	LR Door Contact Switch	55
F24	RF Door Contact Switch	55
F26	RR Door Contact Switch	55

Harness Connector	Designation	Page Number
M32-4	To LF Door Contact Switch D04-5	192
M32-5	To Console Switch D06-14	246
M32-7	To LF Door Contact Switch D04-6	192
M32-12	To Left Tail Gate Lock Motor T15-3	194
M32-18	To RF Door Lock Switch D13-1	192
M32-19	To LF Door Lock Switch D04-7	192
M32-20	To RF Door Contact Switch D13-4	192
M32-38	To Console Switch D06-13	246
M32-40	To Trunk Switch D15-1	178
M32-42	To Horn Relay ER06-86	242

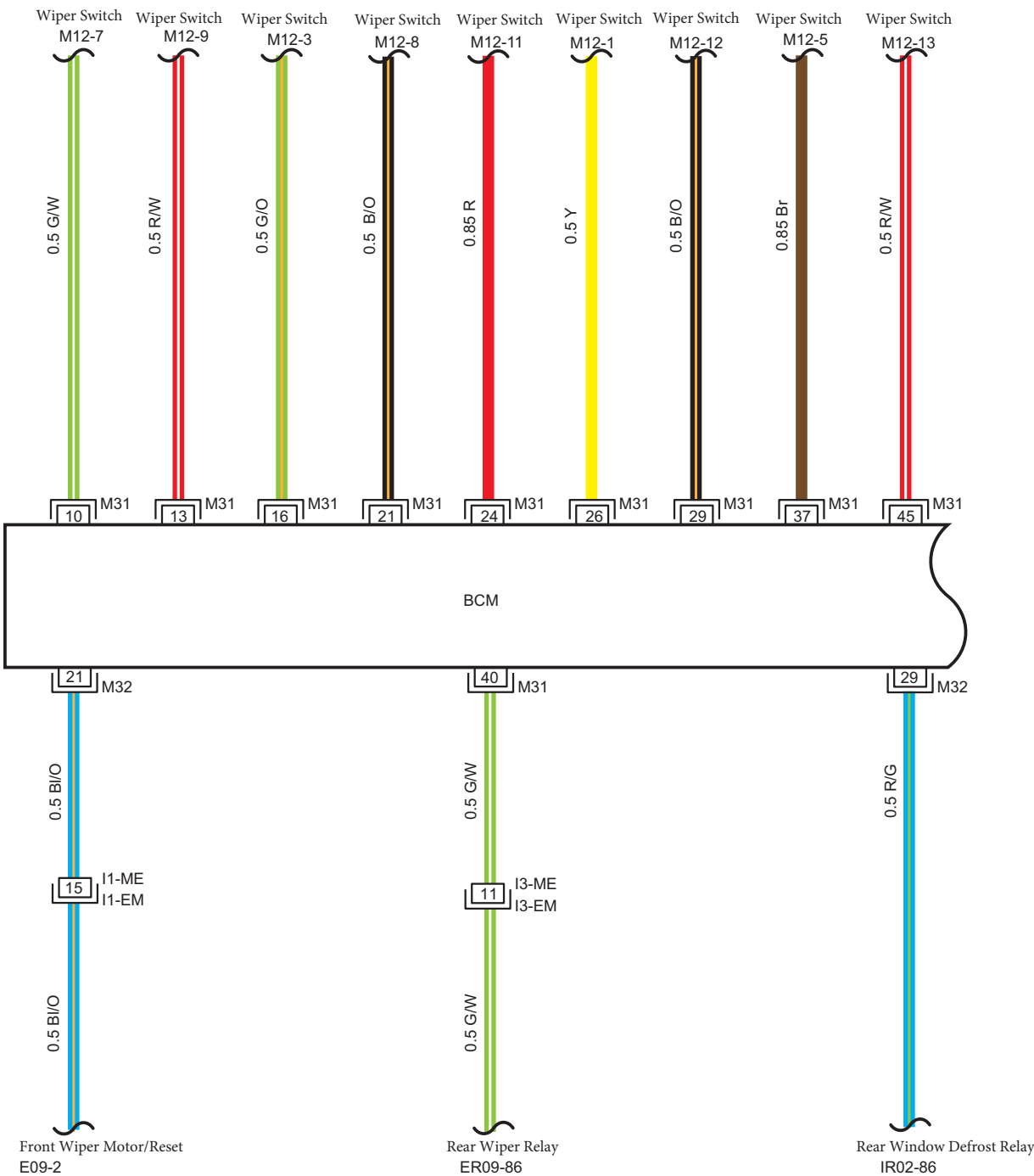
BCM3



Harness Connector	Designation	Page Number
II-EM	Engine Harness To Main Harness I	23,25
II-ME	Main Harness To Engine Harness I	42
M31	BCM C1 Harness	43,44
M32	BCM C2 Harness	43,44

Harness Connector	Designation	Page Number
M31-9	To Hazard Warning Switch M38-8	168
M31-30	To Combination Head Light Switch M09-4	160
M31-31	To Combination Width light Switch M09-2	160
M31-33	To Combination Rear Fog light Switch M09-7	160
M31-34	To Combination Steering light Switch M09-13	168
M31-49	To Combination High beam light Switch M09-6	160
M31-50	To Combination Fog Light Switch M09-6	160
M32-06	To Front Fog Lamp Relay IR10-86	166
M32-12	To Brake Light E11-2	172
M32-13	To High Position Brake Light T01-1	172
M32-15	To Power Saving Relay M06-2	176
M32-18	To High beam light Relay IR04-86	160
M32-24	To Left Steering Light E05-9	170
M32-28	To Rear Fog Light Relay IR09-86	166
M32-30	To Width Light Relay IR08-86	162
M32-35	To RF Steering Light E20-9	170
M32-41	To Low Beam Relay IR03-86	158
M32-43	To Combination High Low light Switch M09-10	160

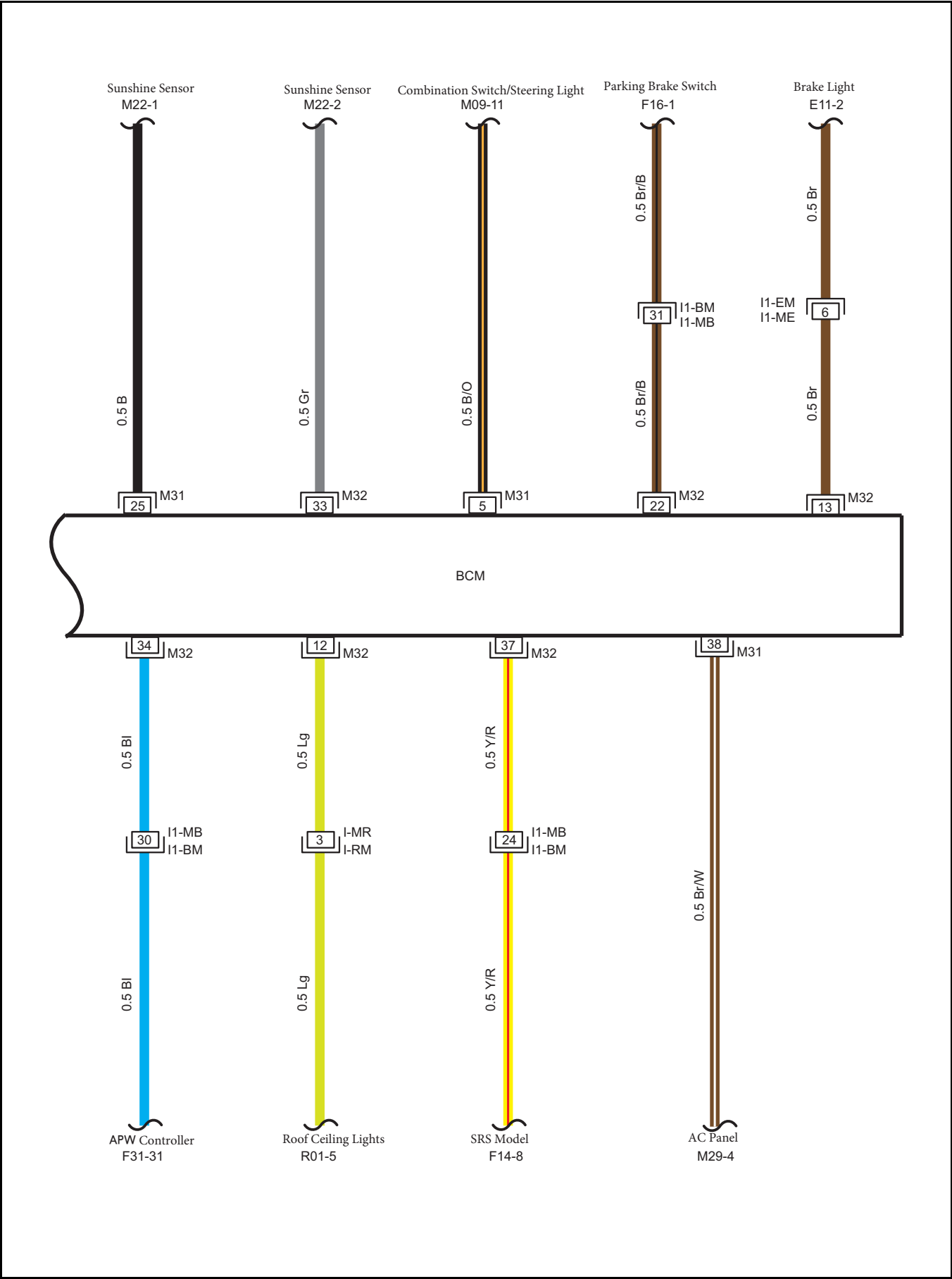
BCM4



Harness Connector	Designation	Page Number
II-EM	Engine Harness To Main Harness I	23,25
II-ME	Main Harness To Engine Harness I	42
II-EM	Engine Harness To Main Harness III	42
II-ME	Main Harness To Engine Harness III	23,25
M31	BCM C1 Harness	43,44
M32	BCM C2 Harness	43,44

Harness Connector	Designation	Page Number
M31-10	To Wiper Switch M12-7	204
M31-13	To Wiper Switch M12-9	204
M31-16	To Wiper Switch M12-3	204
M31-21	To Wiper Switch M12-8	204
M31-24	To Wiper Switch M12-11	204
M31-26	To Wiper Switch M12-1	204
M31-29	To Wiper Switch M12-12	204
M31-37	To Wiper Switch M12-5	204
M31-40	To Rear Wiper Relay ER9-86	204
M31-45	To Wiper Switch M12-13	204
M32-21	To Front Wiper Relay. Reset E09-2	202
M32-29	To Rear Defrost Relay IR02-86	200

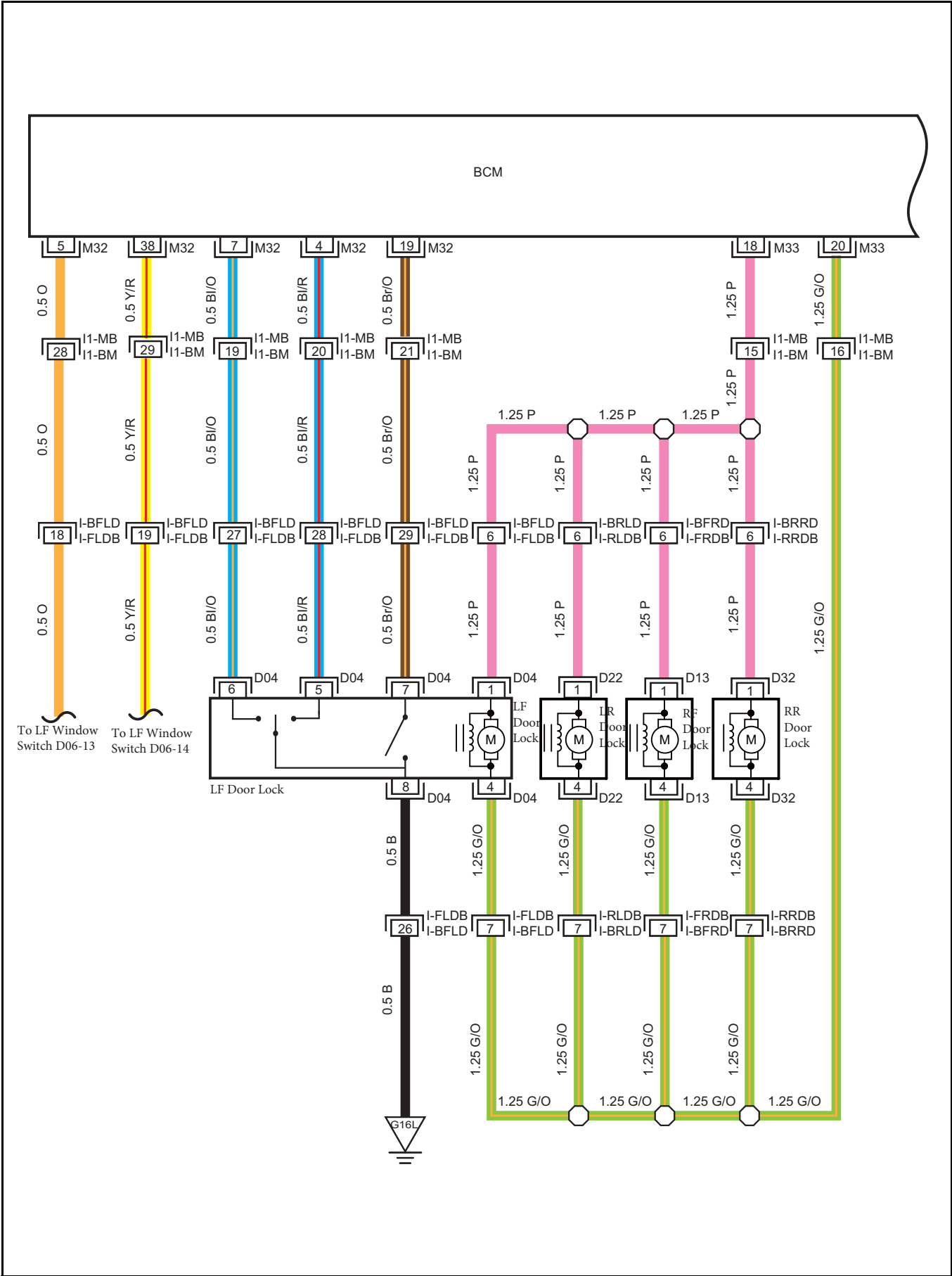
BCM5



Harness Connector	Designation	Page Number
II-EM	Engine Harness To Main Harness I	23,25
II-ME	Main Harness To Engine Harness I	42
II-BM	Body Harness To Main Harness II	54
II-MB	Main Harness To Body Harness II	42
II-RM	Roof Harness To Main Harness II	51
II-MR	Main Harness To Roof Harness II	42
I3-EM	Engine Harness To Main Harness III	42
I3-ME	Main Harness To Engine Harness III	23,25
M31	BCM C1 Harness	43,44
M32	BCM C2 Harness	43,44

Harness Connector	Designation	Page Number
M31-5	To Combination Switch/Steering Light M09-11	168
M31-38	To AC Control Panel M29-4	200
M32-12	To Roof Ceiling R01-5	176
M32-13	To Brake Switch E11-2	172
M32-22	To Parking Brake Switch F16-1	172

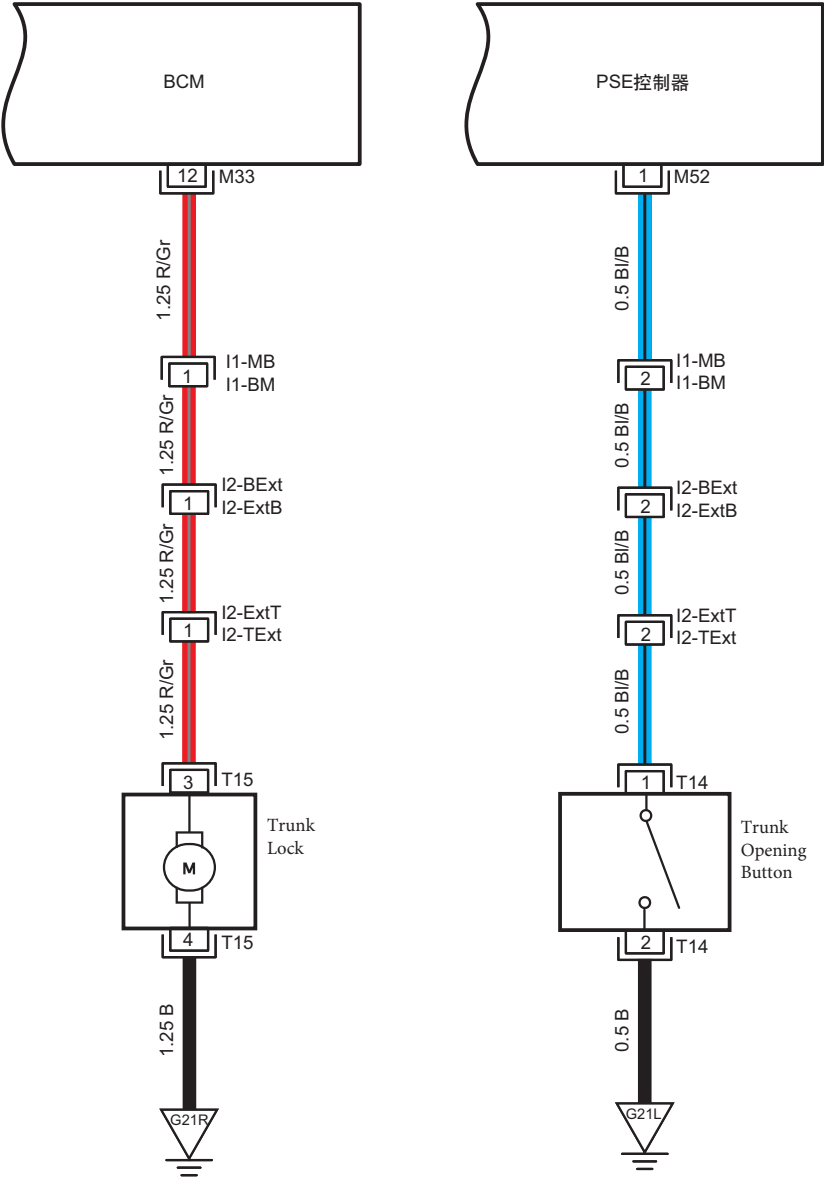
Central Lock 1



Harness Connector	Designation	Page Number
D04	Harness Connector of LF Door Lock	61
D13	Harness Connector of RF Door Lock	62
D22	Harness Connector of LR Door Lock	61
D32	Harness Connector of RR Door Lock	62
II-BM	Body Harness To Main Harness II	54
II-MB	Main Harness To Body Harness II	42
I-BFLD	Body Harness To LF Door Harness	54
I-FLDB	LF Door Harness To Body Harness	61
II-BRLD	Body Harness To LR Door Harness	55
II-RLDB	LR Door Harness To Body Harness	61
II-BFRD	Body Harness To RF Door Harness	54
II-FRDB	RF Door Harness To Body Harness	62
II-BRRD	Body Harness To RR Door Harness	55
II-RRDB	RR Door Harness To Body Harness	62
M32	BCM C2 Harness	43,44
M33	BCM C3 Harness	43,44
G 16L	GND	79

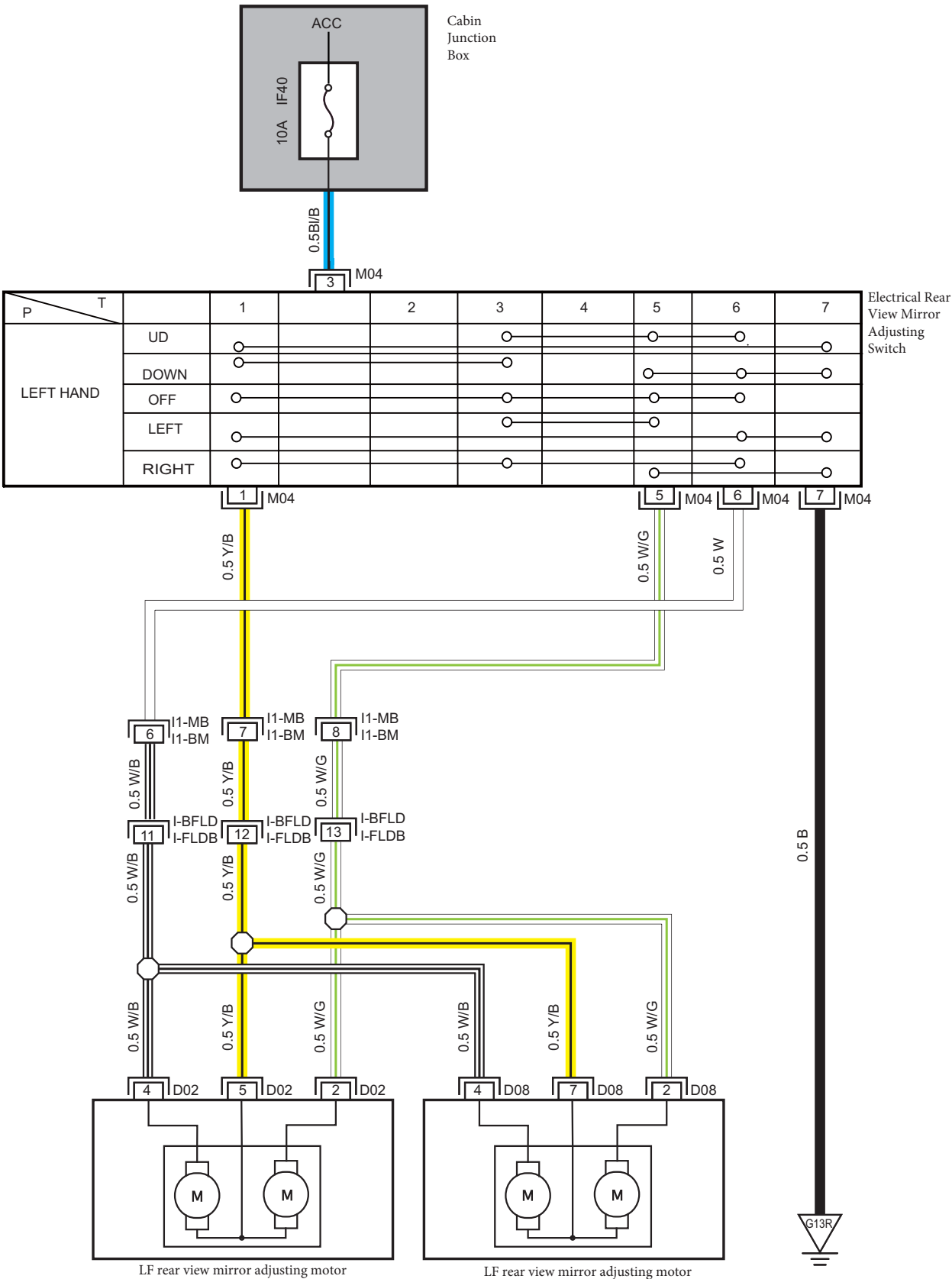
Harness Connector	Designation	Page Number
M32-5	To LF Window Switch D06-13	246
M32-38	To LF Window Switch D06-14	246

Central Lock 2



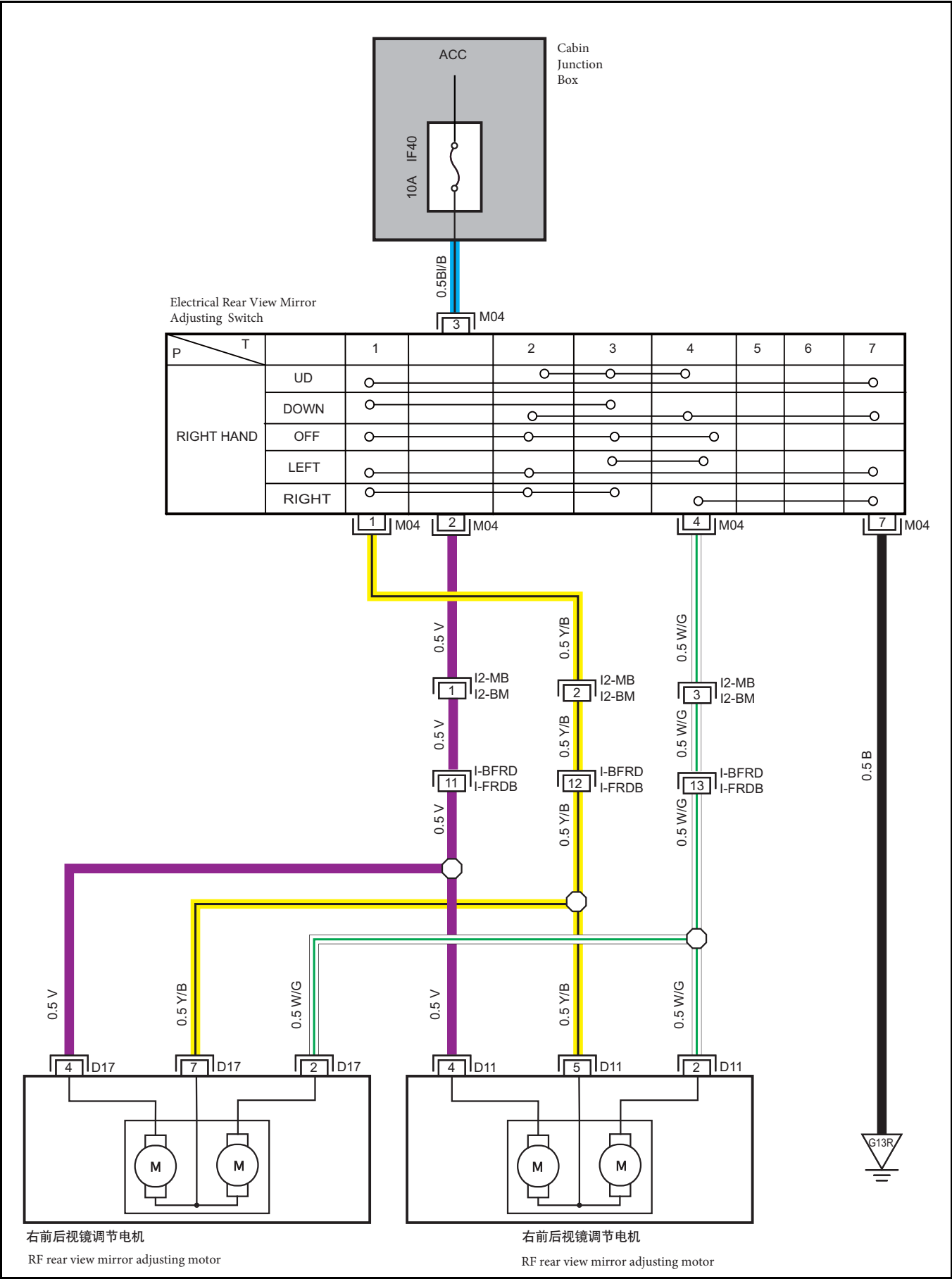
Harness Connector	Designation	Page Number
II-BM	Body Harness To Main Harness II	54
II-MB	Main Harness To Body Harness II	42
I2-BExt	Body Harness To Tail Gate Transition Harness II	54
I2-ExtB	Tail Gate Transition Harness To Body Harness II	65
I2-ExtB	Body Harness Transition To Tail Gate Harness II	65
I2-TExt	Connector of Tail Gate To Tail Gate Transition Harness 2	64
M 33	BCM C3 Connector	43,44
M 52	PSE Controller 3 pin Connector	43,44
T 14	Tail Gate Opening Button Harness	64
T 15	Trunk Hood Lock Harness Connector	64
G 21L	GND	80
G 21L	GND	80

Electrical Rear View Mirror



Harness Connector	Designation	Page Number
D 08	Harness Connector of Left Rear View Mirror	61
II-BM	Body Harness To Main Harness II	54
II-MB	Main Harness To Body Harness II	42
I-BFLD	Body Harness To LF Door Harness	54
I-BFRD	LF Door Harness To Body Harness	54
M04	Rear view Mirror Switch Harness Connector	43
G13R	GND	78

Electrical Rear View Mirror 2



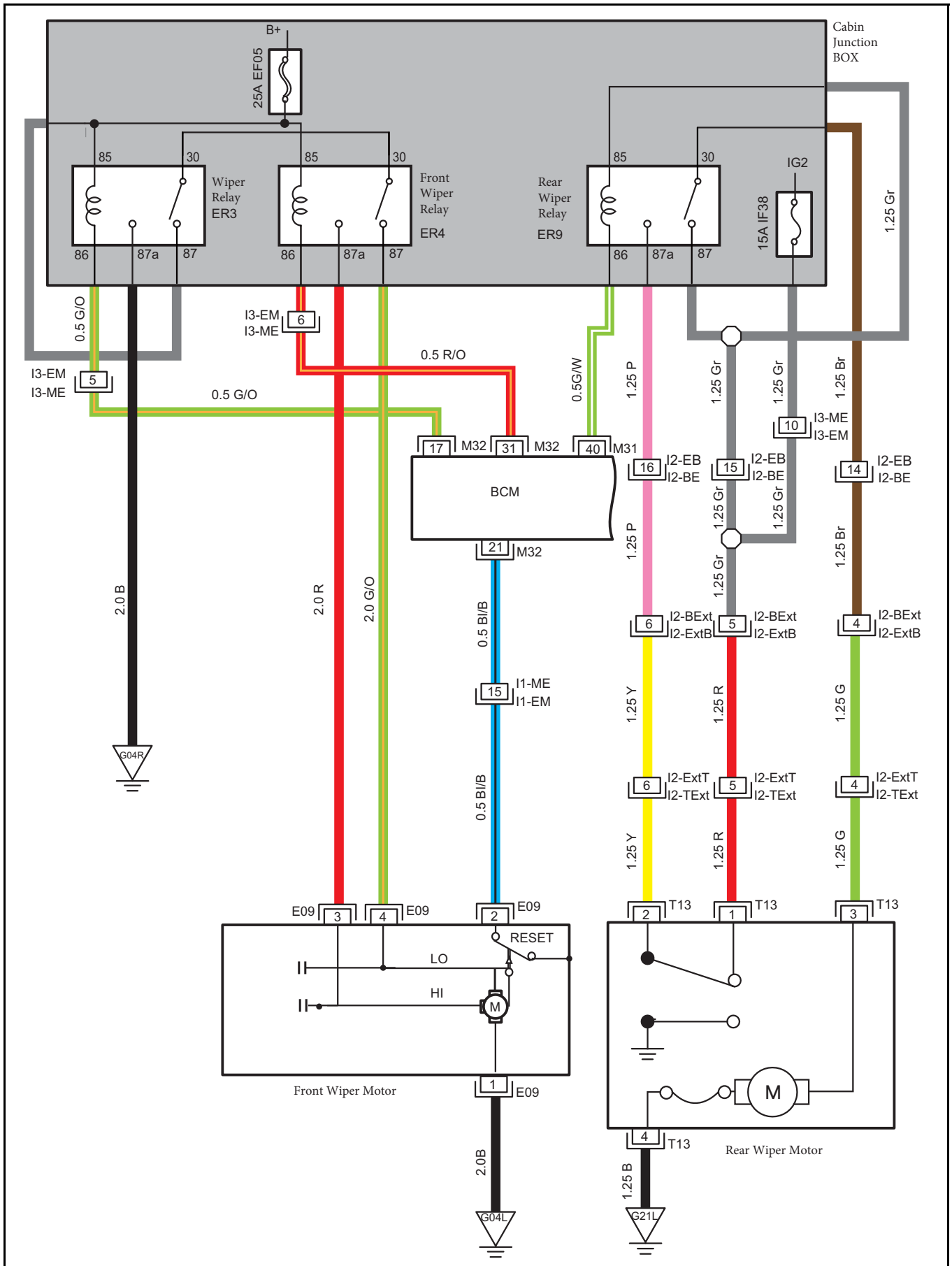
Harness Connector	Designation	Page Number
D 08	Harness Connector of Left Rear View Mirror	61
II-BM	Body Harness To Main Harness II	54
II-MB	Main Harness To Body Harness II	42
I-BFRD	Body Harness To RF Door Harness	54
I-FRDB	RF Door Harness To Body Harness	54
M04	Rear view Mirror Switch Harness Connector	43
G13R	GND	78

Refine S2



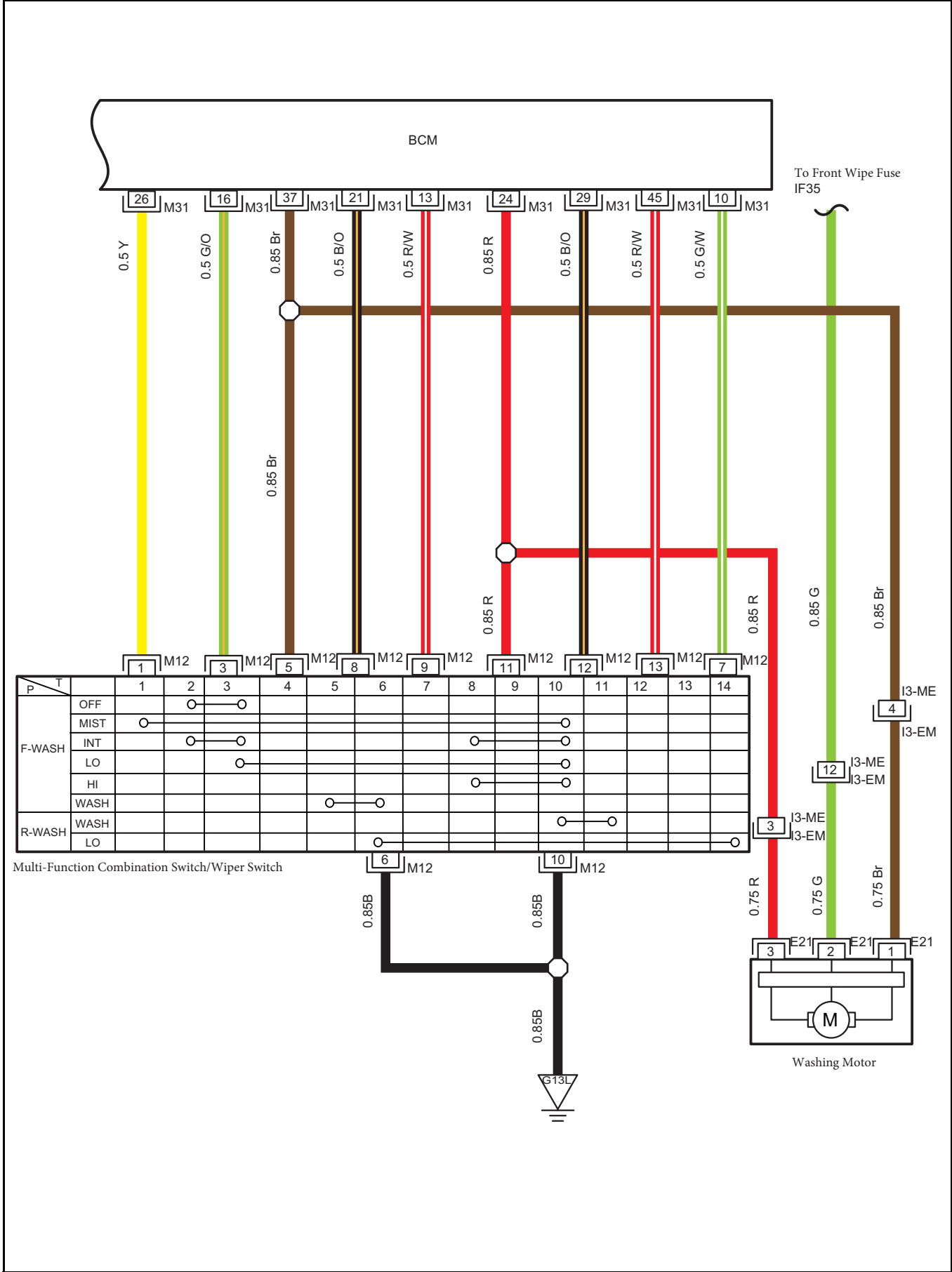
Harness Connector	Designation	Page Number
D08	Harness Connector of Left Rear View Mirror	61
D17	Harness Connector of Right Rear View Mirror	62
II-BM	Body Harness To Main Harness I	42
II-MB	Main Harness To Body Harness I	54
II-BExt	Body Harness To Tail Gate Transition Harness I	65
II-ExtT	Tail Gate Transition Harness To Tail Gate Harness I	65
II-ExtB	Tail Gate Transition Harness To Body Harness I	65
II-TExt	Tail Gate Harness To Tail Gate Transition Harness I	64
I-BFLD	Body Harness To LF Door Harness	54
I-FLDB	LF Door Harness To Body Harness	61
I-FRDB	Body Harness To RF Door Harness	62
I-BFRD	RF Door Harness To Body Harness	54
M29	AC Control Panel C1 Harness	42
M31	BCM C1 Harness	43,44
M32	BCM C2 Harness	43,44
T11	Rear Defrost Heater Positive Connector	64
T16	Rear Defrost Heater Negative Connector	64
G16L	GND	79
G16	GND	79
G20	GND	79

Wiper and Washer 1



线束连接器	名称	页码
E09	Front Wiper Motor	22, 24
I1-ME	Body Harness To Main Harness I	42
I1-EM	Main Harness To Body Harness I	23, 25
I2-BE	Body Harness To Engine Harness II	54
I2-EB	Engine Harness To Body Harness II	23
I2-BExt	Body Harness To Tail Gate Transition Harness II	54
I2-ExtB	Tail Gate Transition Harness To Tail Gate Harness II	65
I2-ExtT	Tail Gate Transition Harness To Body Harness II	65
I2-TExt	Tail Gate Harness To Tail Gate Transition Harness II	64
I3-ME	Body Harness To Main Harness III	42
I3-EM	Main Harness To Body Harness III	23, 25
M31	BCM C1 Harness	43, 44
M32	BCM C2 Harness	43, 44
T13	Rear Wiper Motor Harness Connector	64
G04L	GND	77
G04R	GND	77
G21L	GND	80

Wiper and Washer 2



Harness Connector	Designation	Page Number
E21	Front Washing Motor Harness Connector	22, 24
I3-ME	Body Harness To Main Harness III	42
I3-EM	Main Harness To Body Harness III	23, 25
M12	Combination Switch- Wiper Harness Connector	43
M31	BCM C1 Harness	43, 44
G13L	GND	78

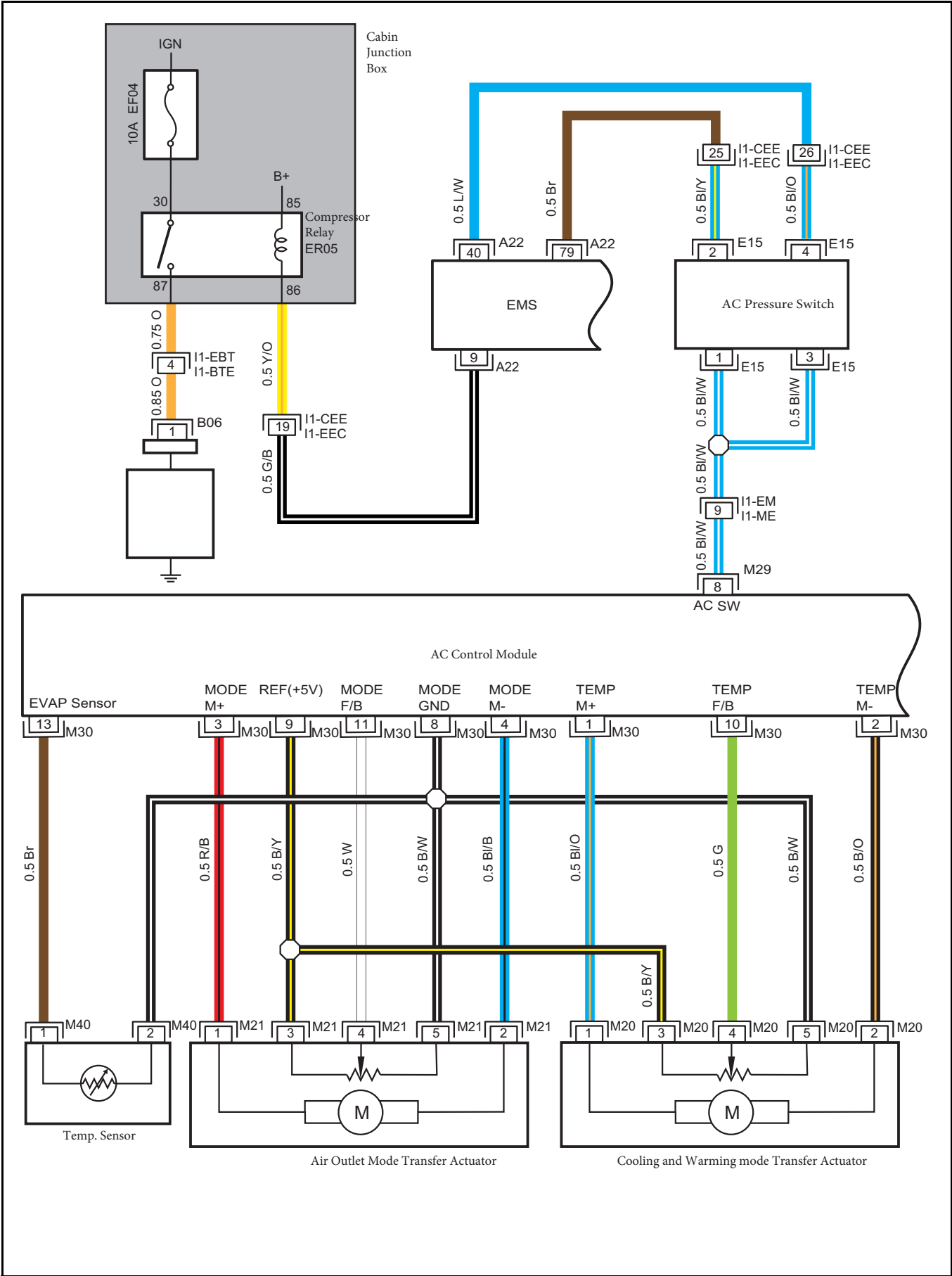
Harness Connector	Designation	Page Number
E21-2	To Front Wiper Fuse IF35	97



Harness Connector	Designation	Page Number
I2-EM	Engine Harness To Main Harness III	23, 25
I2-ME	Main Harness To Engine Harness III	42
M29	AC Control Panel-Control Harness Connector	42
M41	Air Speed Resistance Connector	42
M44	Air lower Motor Connector	42
G10R	GND	78
G12R	GND	78

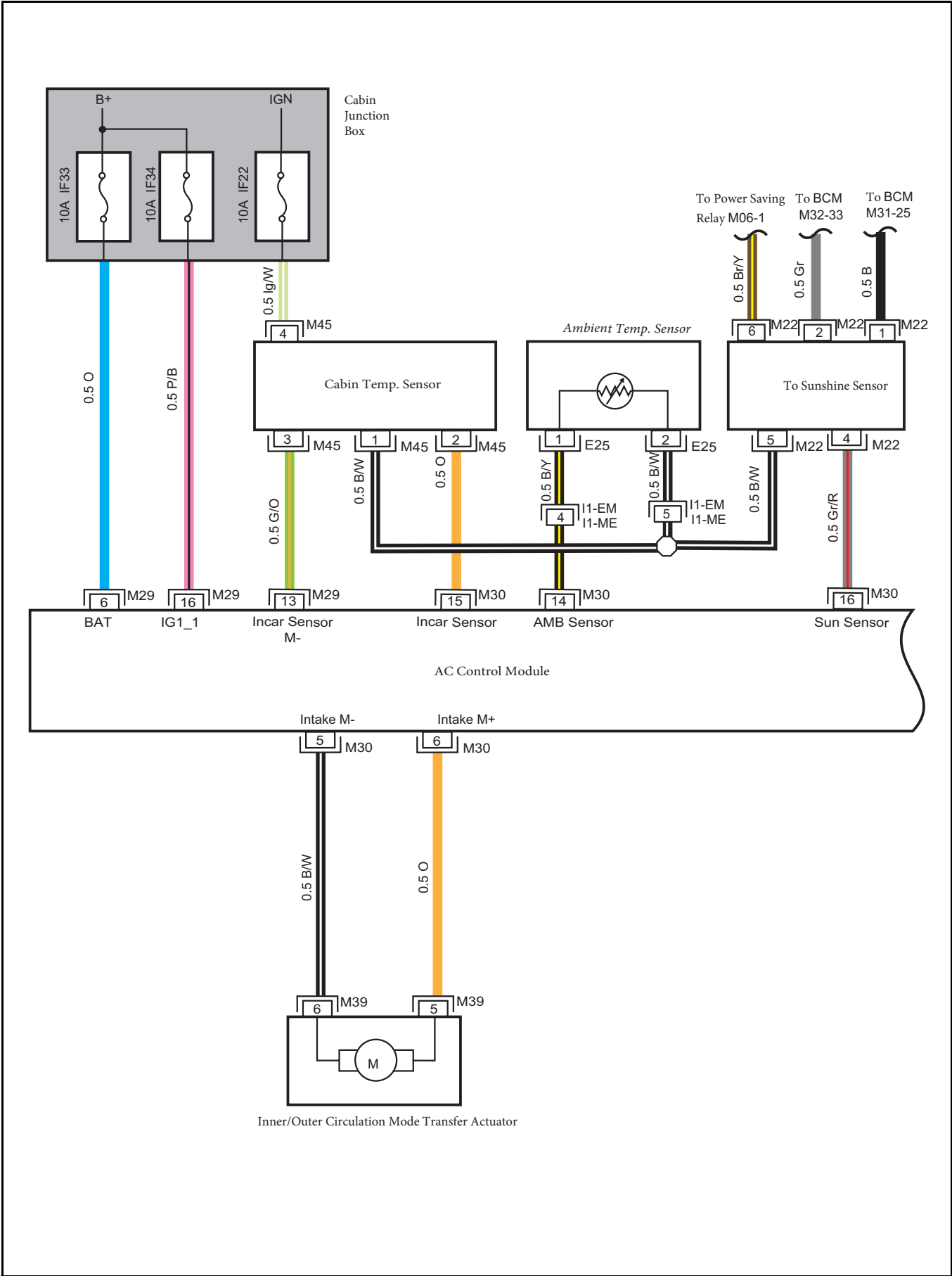
Harness Connector	Designation	Page Number
M29-18	To B-CAN	268
M29-19		

A/C System 2



Harness Connector	Designation	Page Number
I1-EM	Engine Harness To Main Harness I	23, 25
I1-ME	Main Harness To Engine Harness I	42
I1-EEC	Engine Harness To Control Harness I	22, 24
I1-CEE	Control Harness To Engine Harness I	30, 31
M21	Air Outlet Mode Transfer Actuator	42
M20	Cooling and Warming mode Transfer Actuator	42
M29	AC Control Panel C1 Harness Connector	42
M30	AC Control Panel C2 Harness Connector	42
M40	Temp. Sensor	42

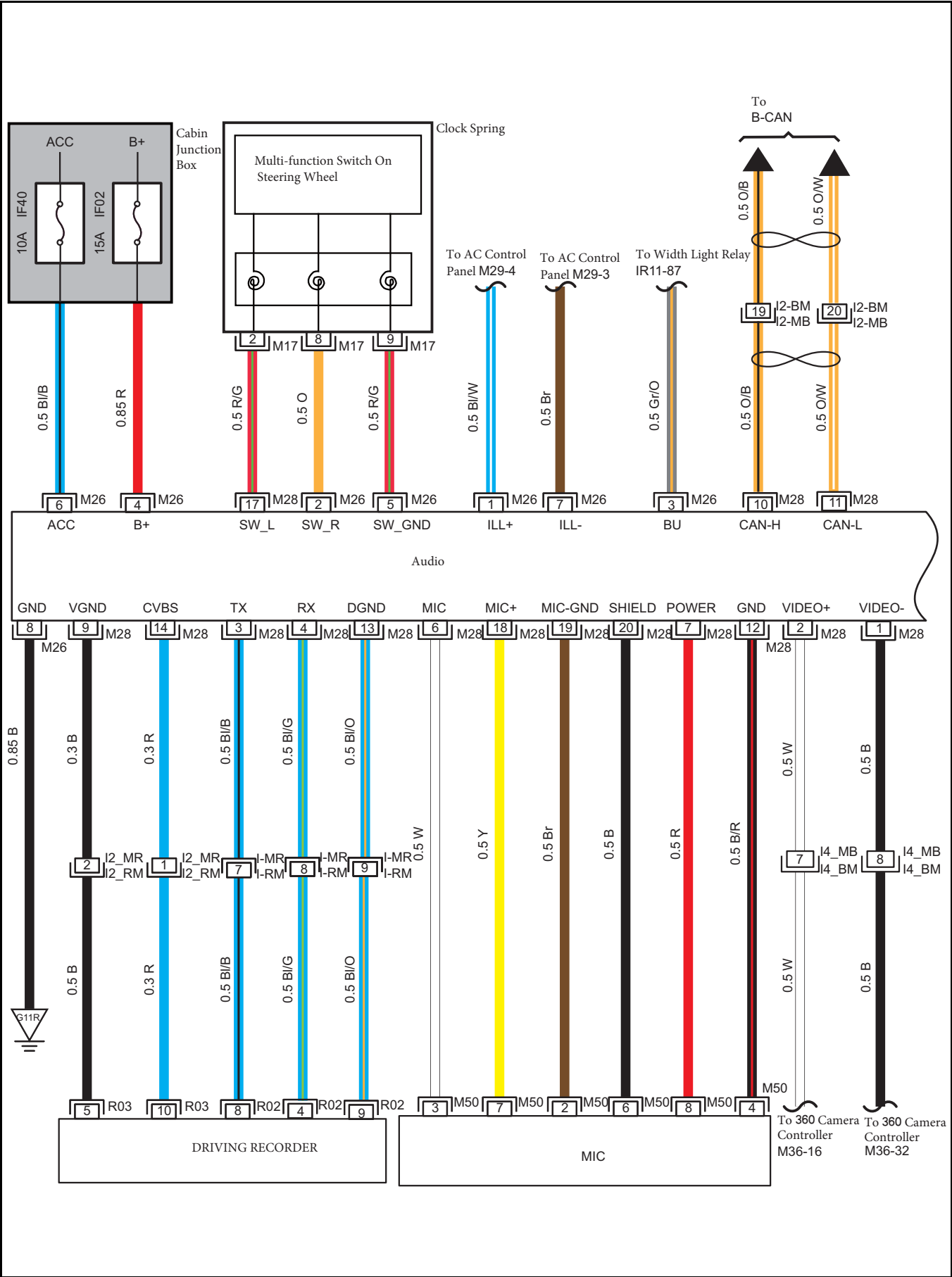
A/C System 3



Harness Connector	Designation	Page Number
E15	AC Pressure Switch	22, 24
E25	Ambient Temp. Sensor	22, 24
I1-EM	Engine Harness To Main Harness I	23, 25
I1-ME	Main Harness To Engine Harness I	42
I1-EEC	Engine Harness To Control Harness I	22, 24
I1-CEE	Control Harness To Engine Harness I	30, 31
M29	AC Control Panel C1 Harness Connector	42
M30	AC Control Panel C2 Harness Connector	42
M22	Sunshine Sensor Harness Connector	43, 44
M39	Inner/Outer Circulation Mode Transfer Actuator	42
M45	PEPS Relay C1	43, 44

Harness Connector	Designation	Page Number
E15-2	To EMS A22-79	128
E15-4	To EMS A22-40	128
M22-1	To BCM M31-25	190
M22-2	To BCM M32-33	190
M22-6	To Power Saving Relay M06-1	178

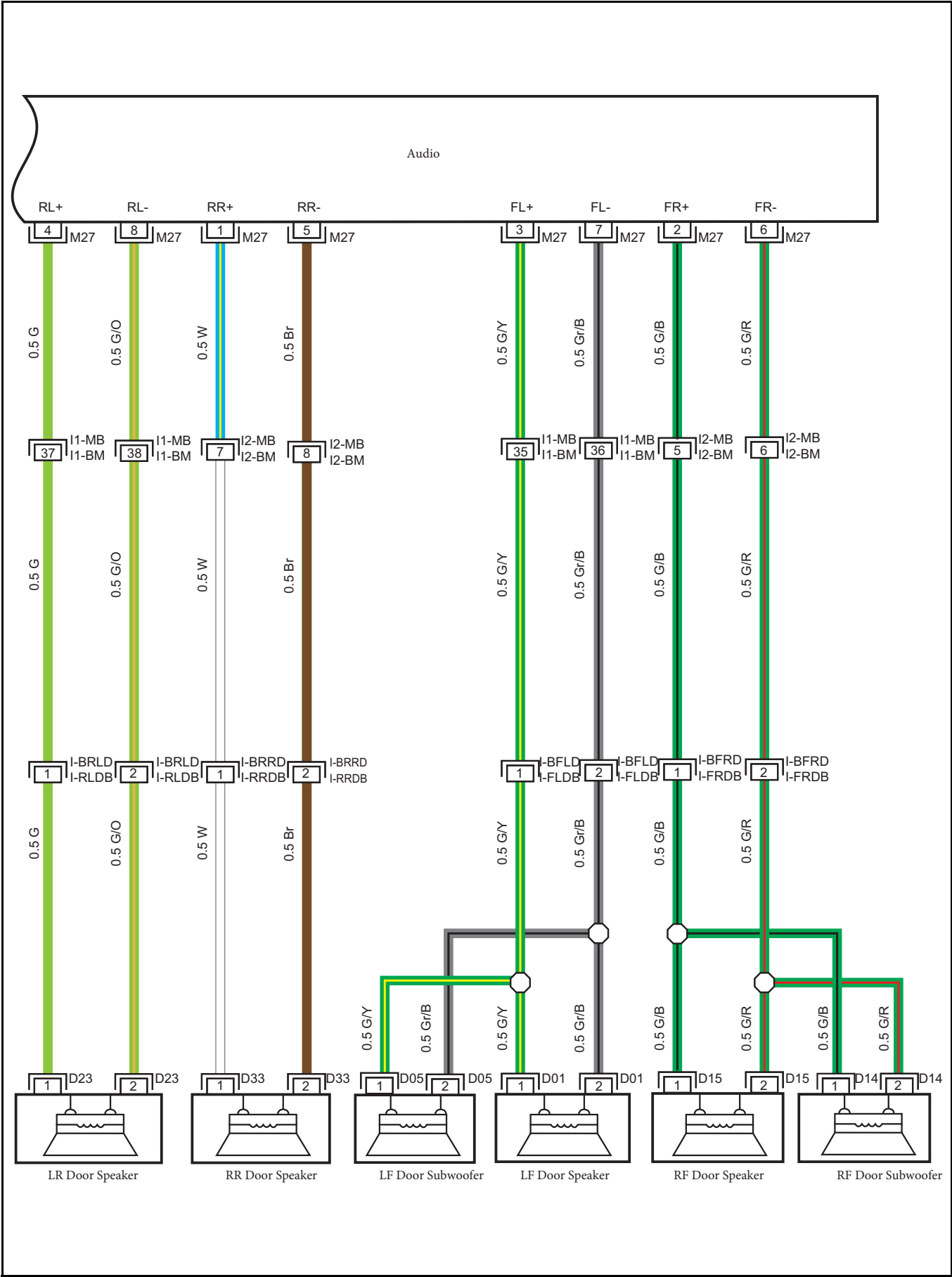
Audio 1



Harness Connector	Designation	Page Number
I1-MB	Main Harness To Body Harness I	42
I1-BM	Body Harness To Main Harness I	54
I-RM	Roof Harness To Main Harness I	51
I-MR	Main Harness To Roof Harness I	42
I2-MB	Main Harness To Body Harness II	42
I2-BM	Body Harness To Main Harness II	54
I2-RM	Roof Harness To Main Harness 2	51
I2-MR	Main Harness To Roof Harness 2	42
M17	Clock Spring-Horn Harness Connector	43, 44
M26	Audio 1 Harness Connector	43, 44
M28	Audio 3 Harness Connector	43, 44
M50	PSE Controller 1 Harness Connector	43, 44
R02	Driving Recorder Reserved	51
G11R	GND	78

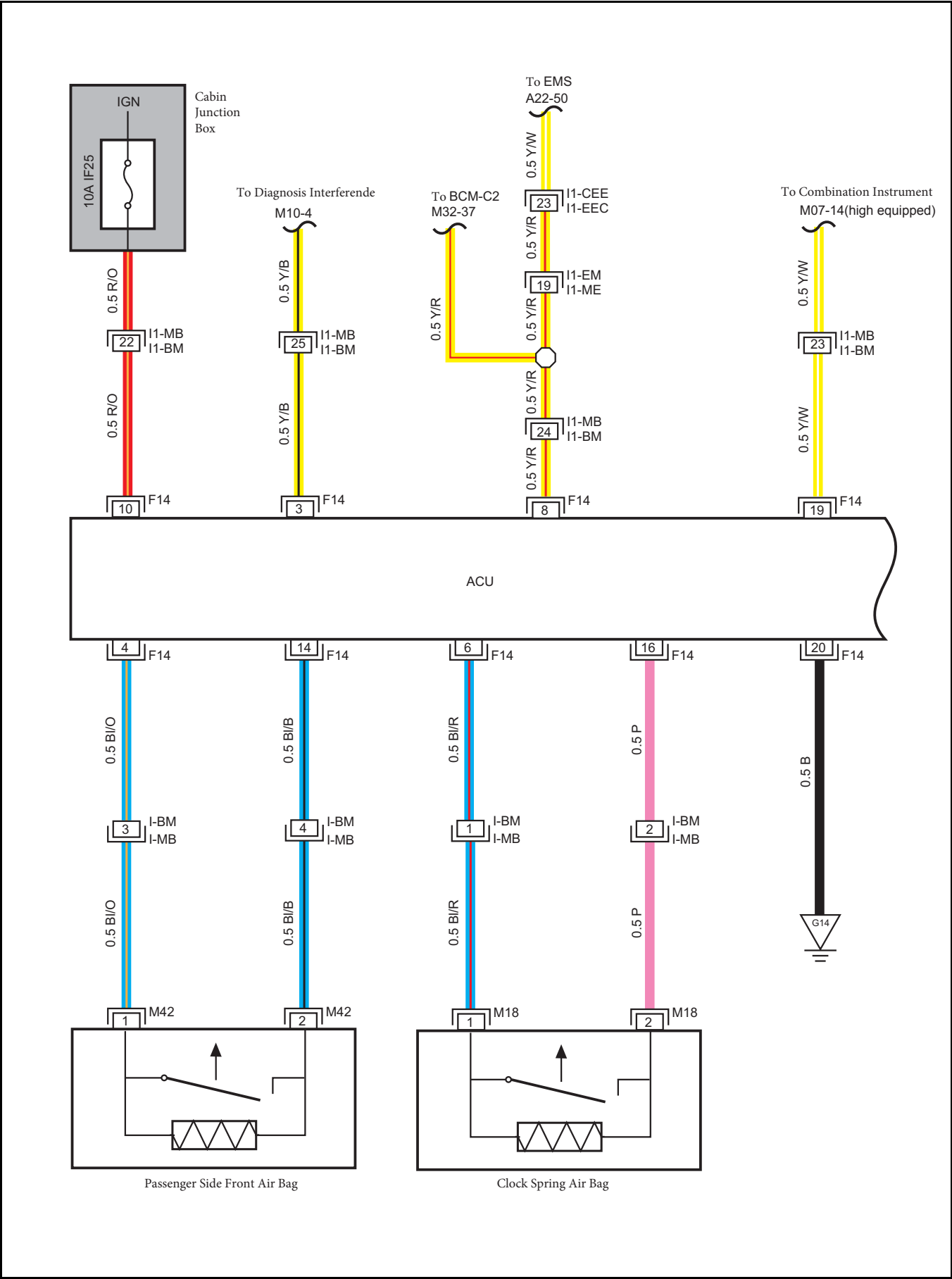
Harness Connector	Designation	Page Number
M26-3	To Width Relay IR11-87	96
M28-10	To B-CAN	268
M28-11		

Audio 2



Harness Connector	Designation	Page Number
D01	Harness Connector of LF Door Speaker	61
D05	Harness Connector of LF Door Sub woofer	61
D14	Harness Connector of RF Door Sub woofer	62
D15	Harness Connector of RF Door Speaker	62
D23	Harness Connector of LR Door Sub woofer	61
D33	Harness Connector of RR Door Sub woofer	62
I1-MB	Main Harness To Body Harness I	42
I1-BM	Body Harness To Main Harness I	54
I-BRLD	Body Harness To LR Door Harness I	55
I-RLDB	LR Door To Body Harness Harness I	61
I-BFRD	Body Harness To RF Door Harness I	55
I-FRDB	RF Door To Body Harness Harness I	62
I-BRRD	Body Harness To RR Door Harness I	55
I-RRDB	RR Door To Body Harness Harness I	62
I-FLDB	LF Door To Body Harness Harness I	61
I-BFLD	Body Harness To LF Door Harness I	54
I2-MB	Main Harness To Body Harness II	42
I2-BM	Body Harness To LR Door Harness II	54
M27	Audio 2 Harness Connector	43, 44

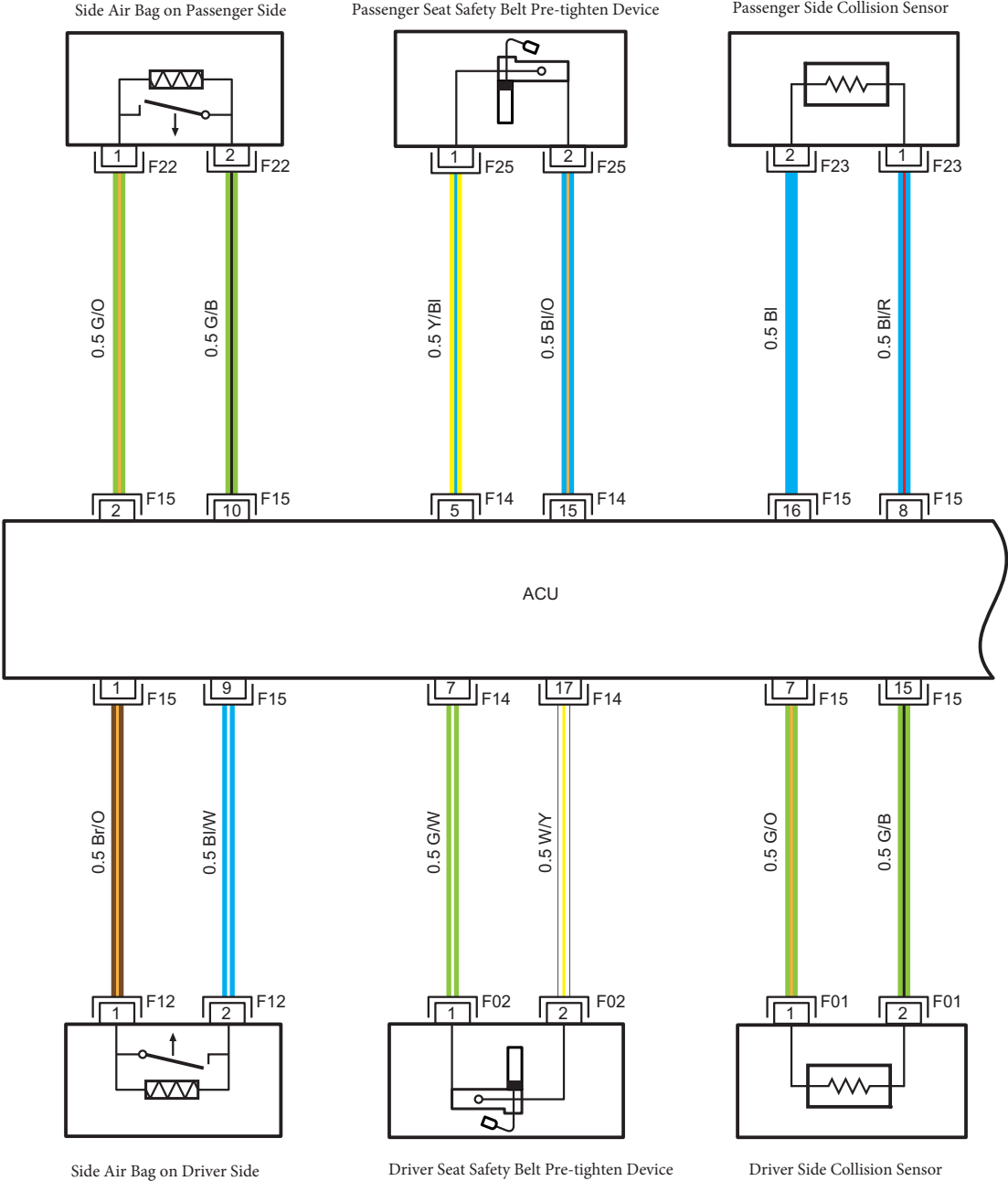
SRS 1



Harness Connector	Designation	Page Number
F14	SRS Harness Connector	55
I1-BM	Body Harness To Main Harness I	54
I1-MB	Main Harness To Body Harness I	42
I1-EM	Engine Harness To Main Harness I	23, 25
I1-ME	Main Harness To Engine Harness I	42
I1-EEC	Engine Harness To Control Harness I	22, 24
I1-CEE	Control Harness To Engine Harness I	30, 31
M18	Clock Spring- SRS Harness Connector	43, 44
M42	Connector of Passenger Side Front Air Bag	42
G14	GND	79

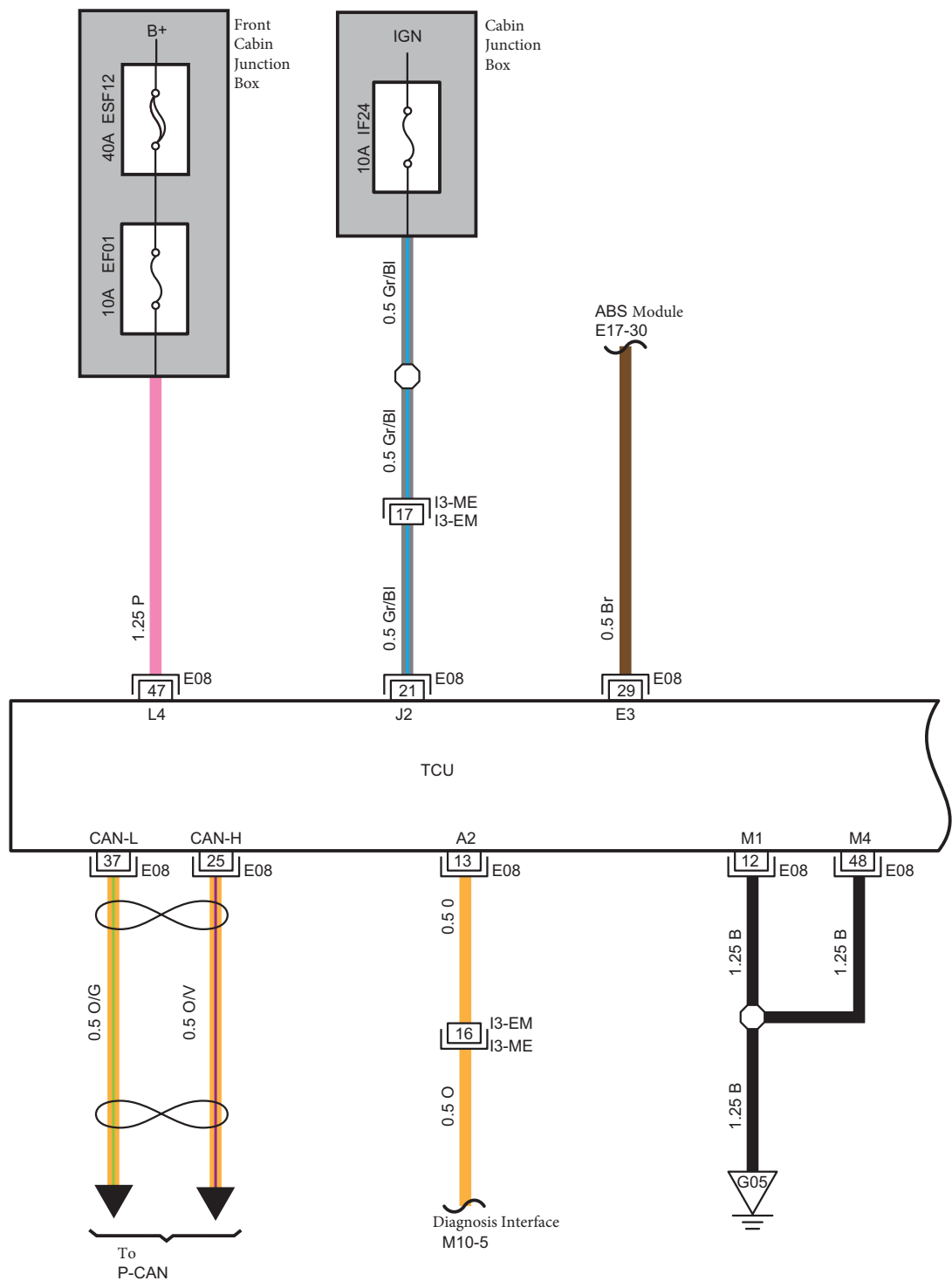
Harness Connector	Designation	Page Number
F14-3	To Diagnosis Interference M10-4	264
F14-8	To BCM M32-37	190
	To EMS A22-50	128
F14-19	To Combination Instrument M07-14	156

SRS 2



Harness Connector	Designation	Page Number
F01	Harness Connector of Left Collision Sensor	55
F02	Harness Connector of Driver Seat Safety Belt Pre-tighten Device	55
F12	Harness Connector of Side Air Bag on Driver Side	54
F14	Harness Connector of SRS Module 1	55
F15	Harness Connector of SRS Module 2	55
F22	Harness Connector of Side Air Bag on Passenger Side	54
F23	Harness Connector of Right Collision Sensor	55
F25	Harness Connector of Passenger Seat Safety Belt Pre-tighten Device	55

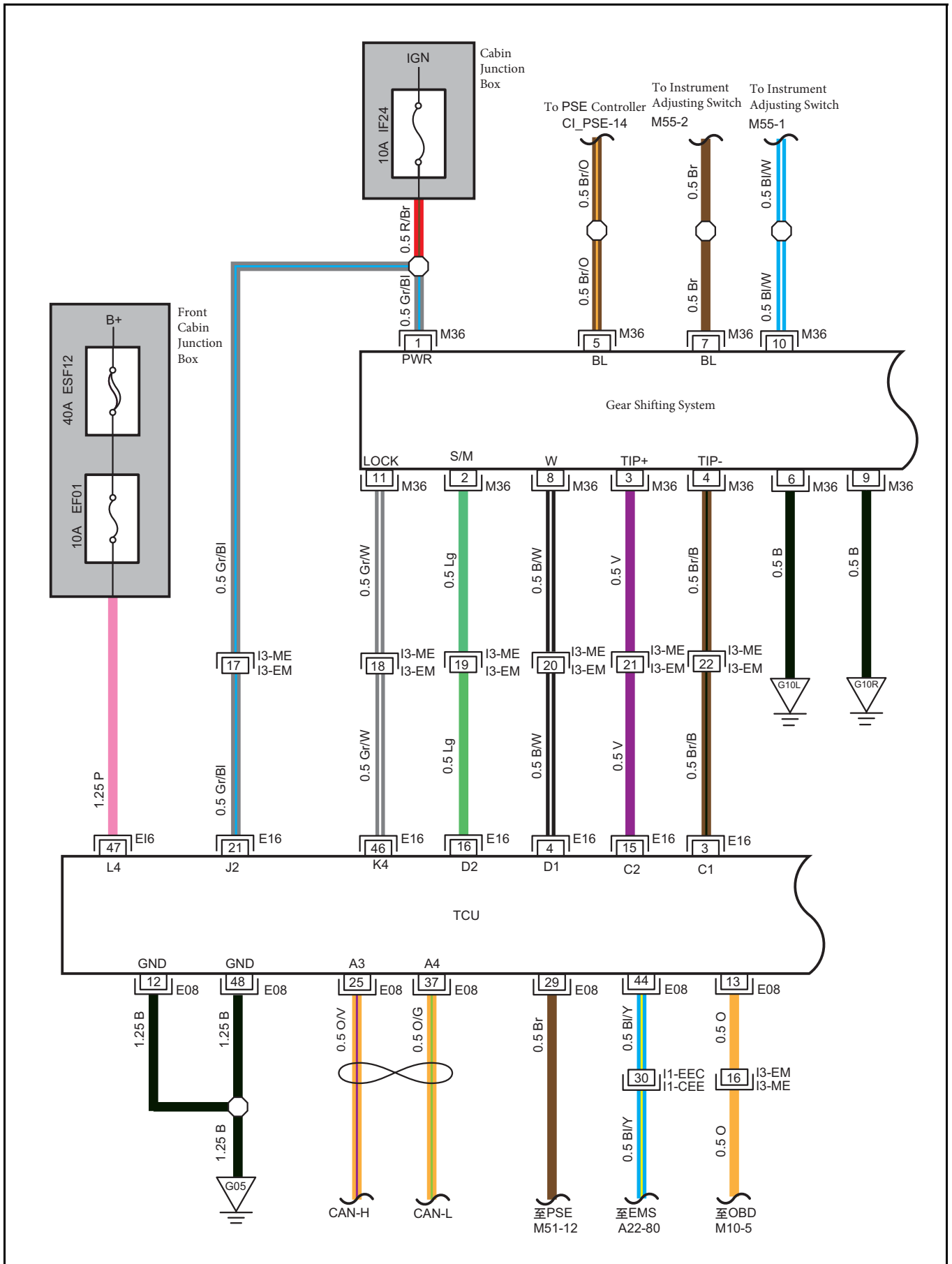
TCU Power Supply/GND/Data Line



Harness Connector	Designation	Page Number
E08	Harness Connector of TCU	25
I1-CEE	Control Harness To Engine Harness III	30, 31
I1-EEC	Engine Harness To Control Harness III	22, 24
I3-ME	Main Harness To Engine Harness III	42
I3-EM	Engine Harness To Main Harness III	23, 25
G05	GND	77

Harness Connector	Designation	Page Number
E08-13	To Diagnosis Interference M10-5	264
E08-25	To P-CAN	266
E08-37		
E08-29	To EMS A22-50	228

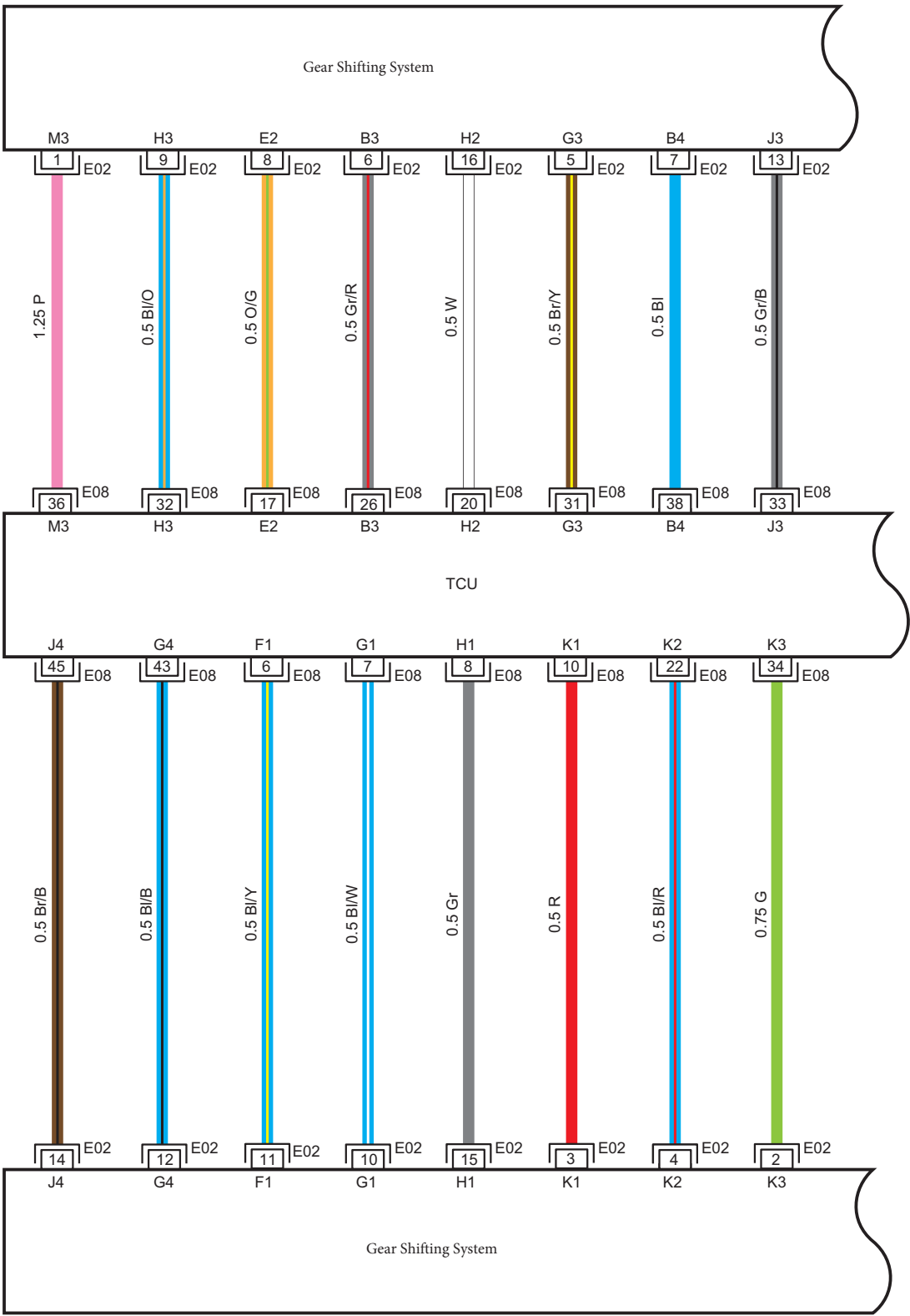
TCU 1



Harness Connector	Designation	Page Number
E08	TCU	25
E16	CAN Breaker 3	22, 24
I1-EEC	Engine Harness To Control Harness I	22, 24
I1-CEE	Control Harness To Engine Harness I	30, 31
I3-ME	Main Harness To Engine Harness III	42
I3-EM	Engine Harness To Control Harness III	23, 25
M36	Gear Shifting System Connector	43, 44
G05	GND	77
G10L	GND	78
G10R	GND	78

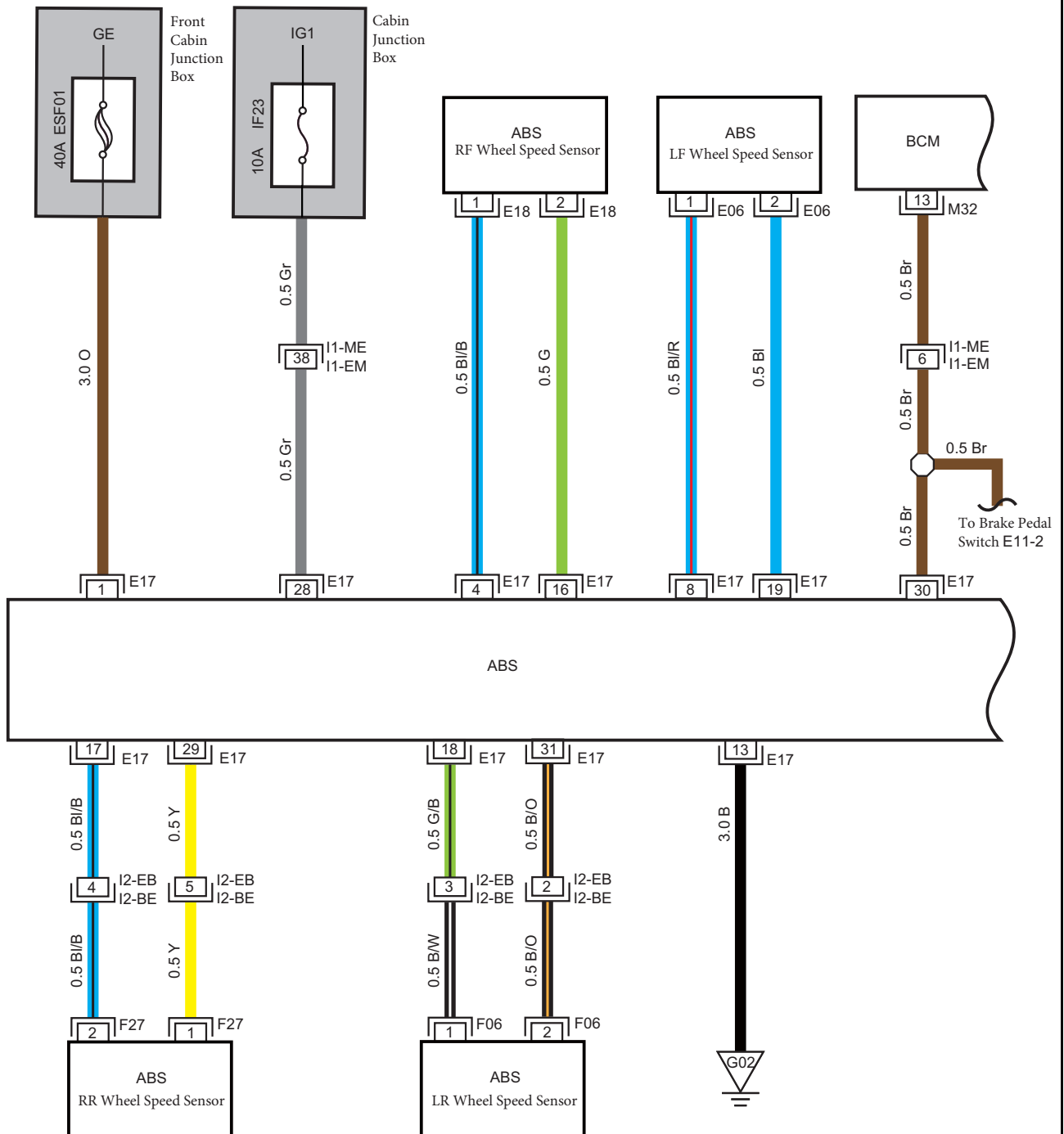
Harness Connector	Designation	Page Number
E08-13	To OBD M10-5	264
E08-25	To P-CAN	266
E08-37		
E08-44	To EMS A22-80	126
M36-5	To PSE Control CI_PSE-14	262
M36-7	To Instrument Adjusting Switch M55-2	156
M36-10	To Instrument Adjusting Switch M55-1	156

TCU 2



Harness Connector	Designation	Page Number
E02	Connector of Gear Shifting System	24
E08	TCU	25

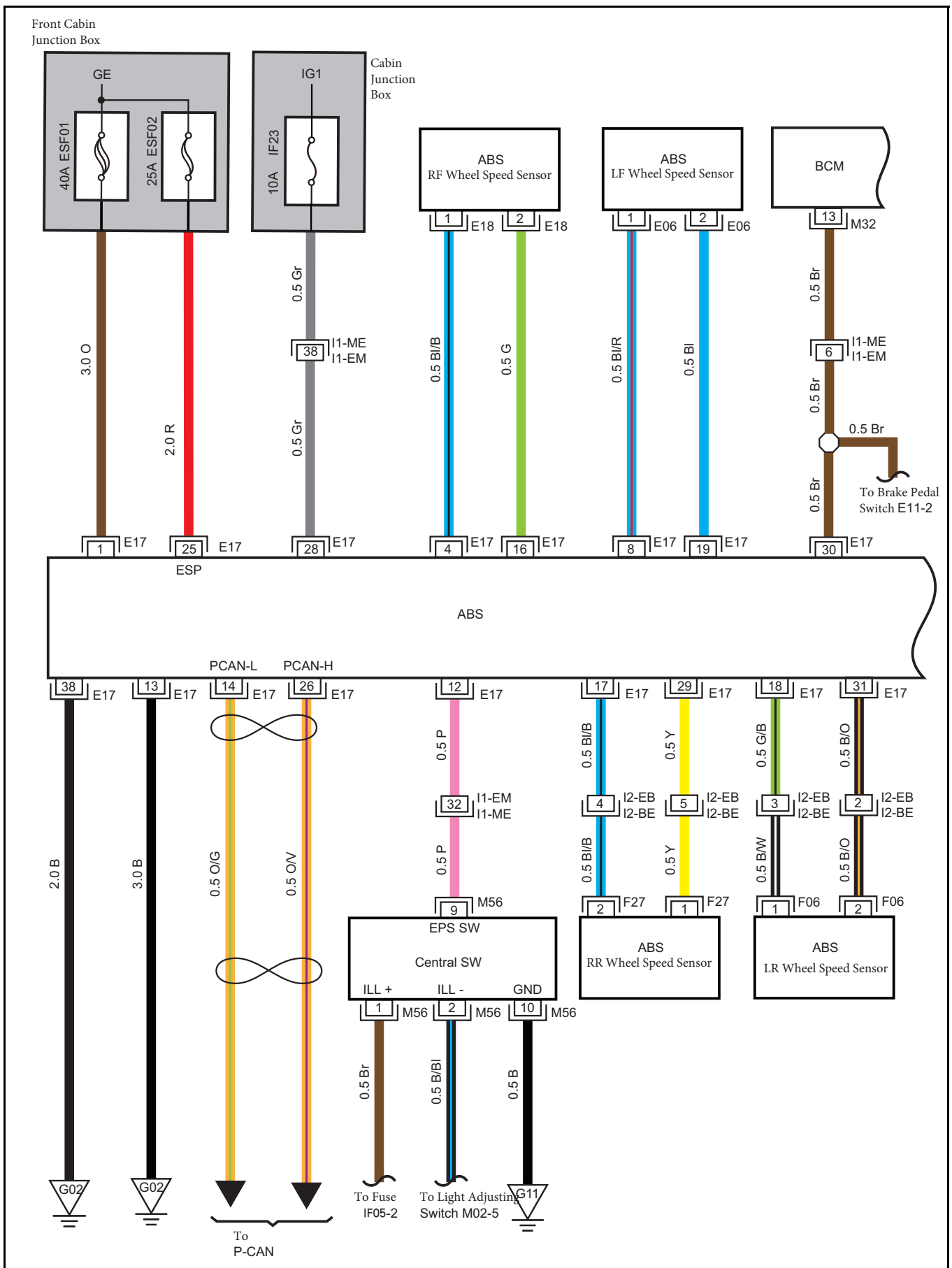
ABS Power Supply/GND/Data Line



Harness Connector	Designation	Page Number
E06	ABS LF Wheel Speed Sensor	22, 24
E17	ABS Module	22, 24
E18	ABS RF Wheel Speed Sensor	22, 24
F06	ABS LR Wheel Speed Sensor	54
F27	ABS RR Wheel Speed Sensor	54
I1-ME	Main Harness To Engine Harness I	42
I1-EM	Engine Harness To Main Harness I	23, 25
I2-EB	Engine Harness To Body Harness I	23, 25
I2-BE	Body Harness To Engine Harness I	54
M32	BCM C2 Harness Connector	43, 44
G02	GND	77

Harness Connector	Designation	Page Number
E17-30	To Brake Pedal Switch E11-2	172

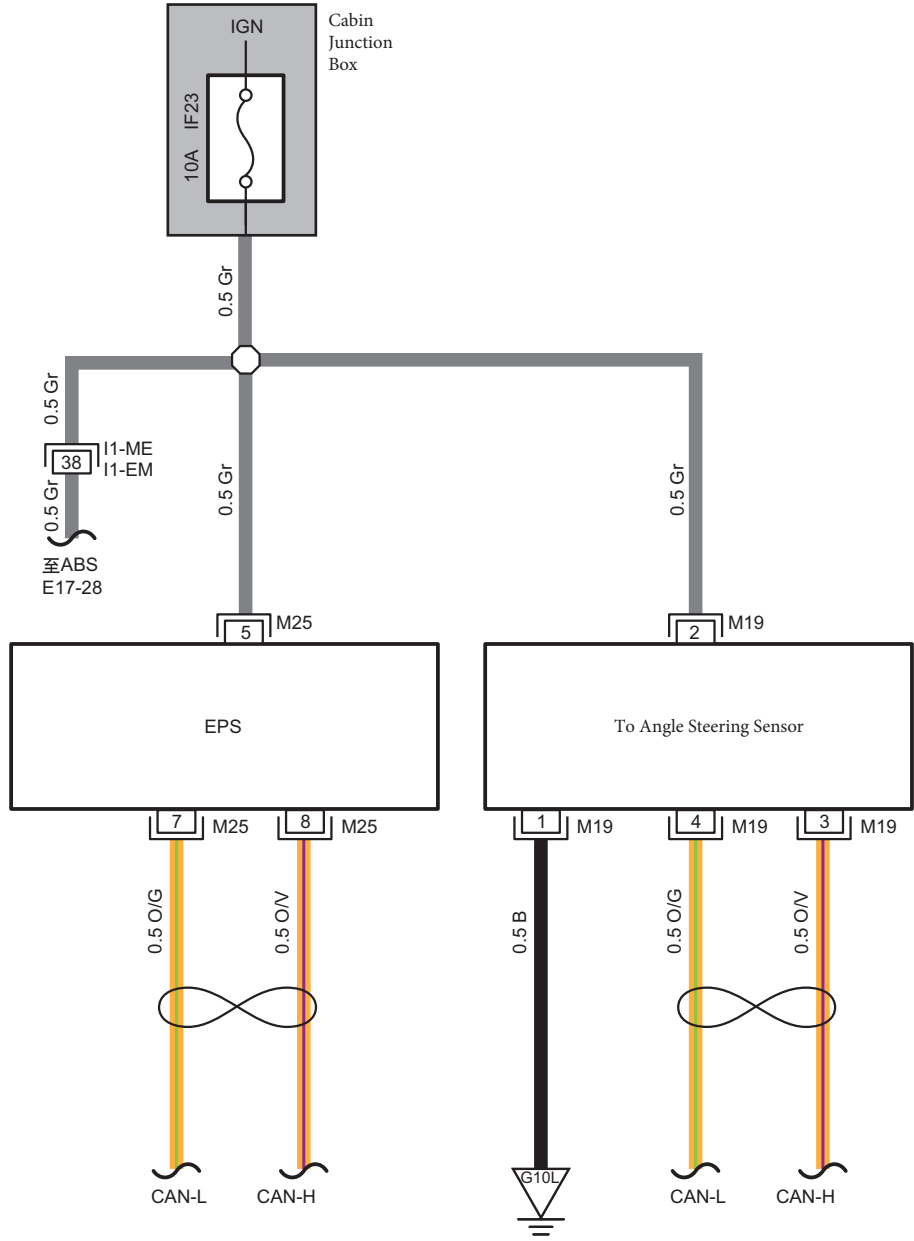
ABS Power Supply/GND/Data Line



Harness Connector	Designation	Page Number
E06	ABS LF Wheel Speed Sensor	22, 24
E17	ABS Module	22, 24
E18	ABS RF Wheel Speed Sensor	22, 24
F06	ABS LR Wheel Speed Sensor	54
F27	ABS RR Wheel Speed Sensor	54
I1-ME	Main Harness To Engine Harness I	42
I1-EM	Engine Harness To Main Harness I	23, 25
I2-EB	Engine Harness To Body Harness I	23, 25
I2-BE	Body Harness To Engine Harness I	54
M32	BCM C2 Harness Connector	43, 44
M56	Console Combination Switch Harness Connector	43, 44
G02	GND	77
G11	GND	78

Connecting Point	Designation	Page Number
E17-30	ESP E17-30 to Brake Pedal Switch E11-2	172
E17-14	To P-CAN	266
E17-26		
M56-1	To Fuse IF05-2	154
M56-2	To Light Adjusting Switch M02-5	164

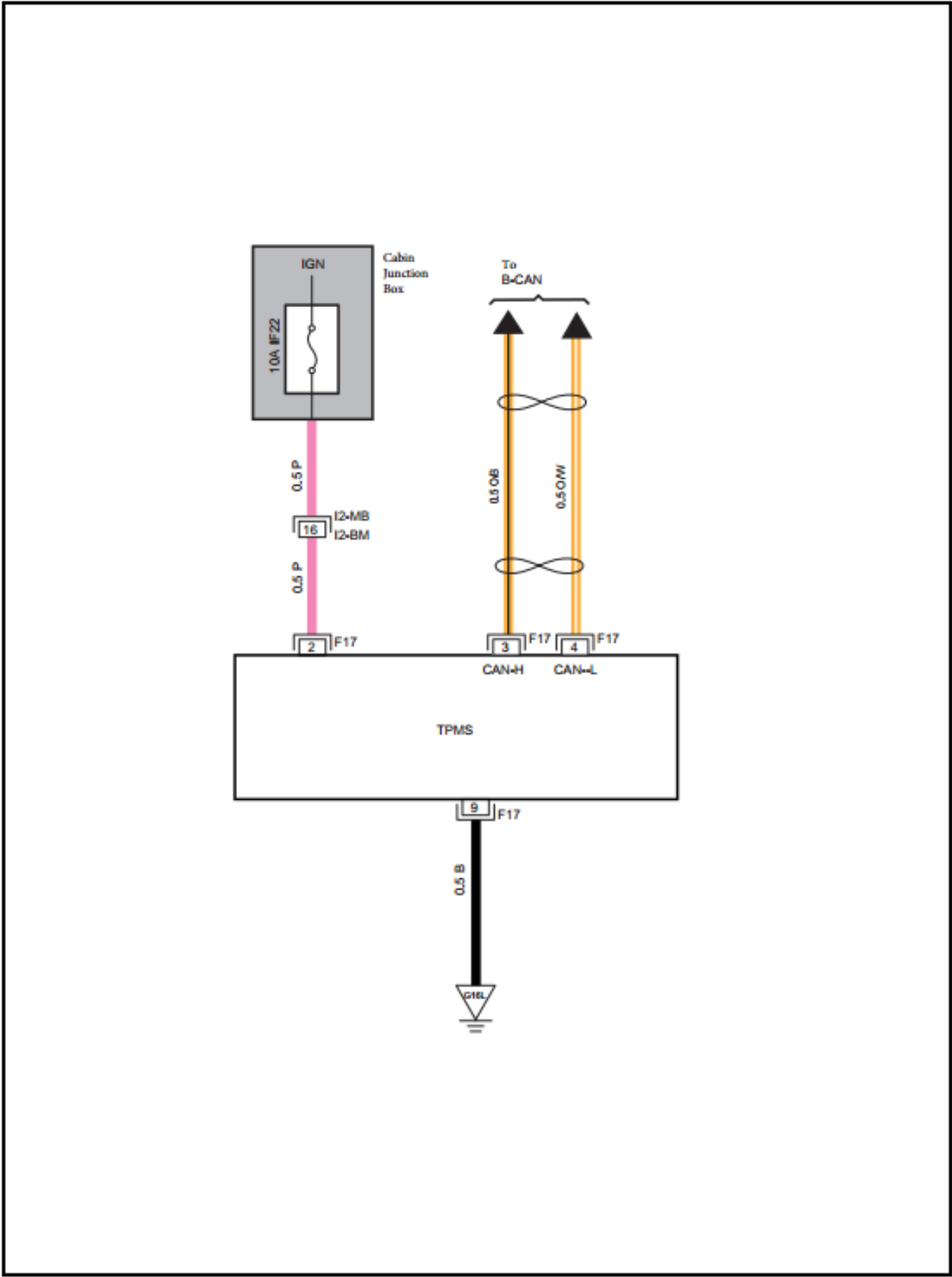
EPS(Electrical Power Steering System)



Harness Connector	Designation	Page Number
II-M E	Main Harness To Engine Harness I	42
II-E M	Engine Harness To Main Harness I	23, 25
M 25	ESP Module Signal Harness Connector	42

Connecting Point	Designation	Page Number
M 25-5	To ABS Module E17-28	226
M 25-7	To P-CAN	266
M 25-8		

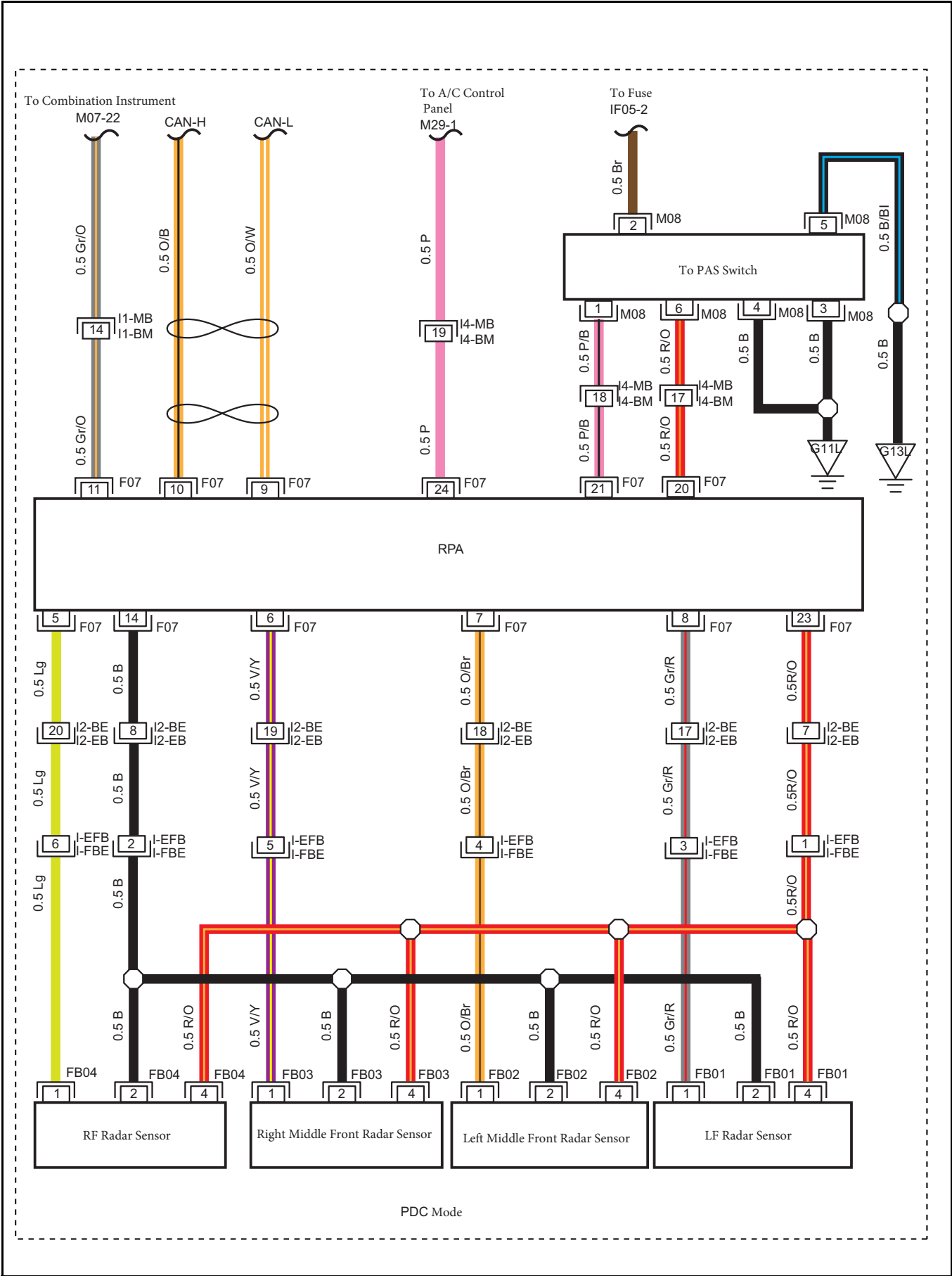
TPMS System



Harness Connector	Designation	Page Number
F 17	TPMS Module Harness Connector	54
12-M B	Main Harness To Engine Harness I	42
12-B M	Engine Harness To Main Harness I	54
G 16L	GND	79

Connecting Point	Designation	Page Number
F 17-3	To B-CAN	268
F 17-4		

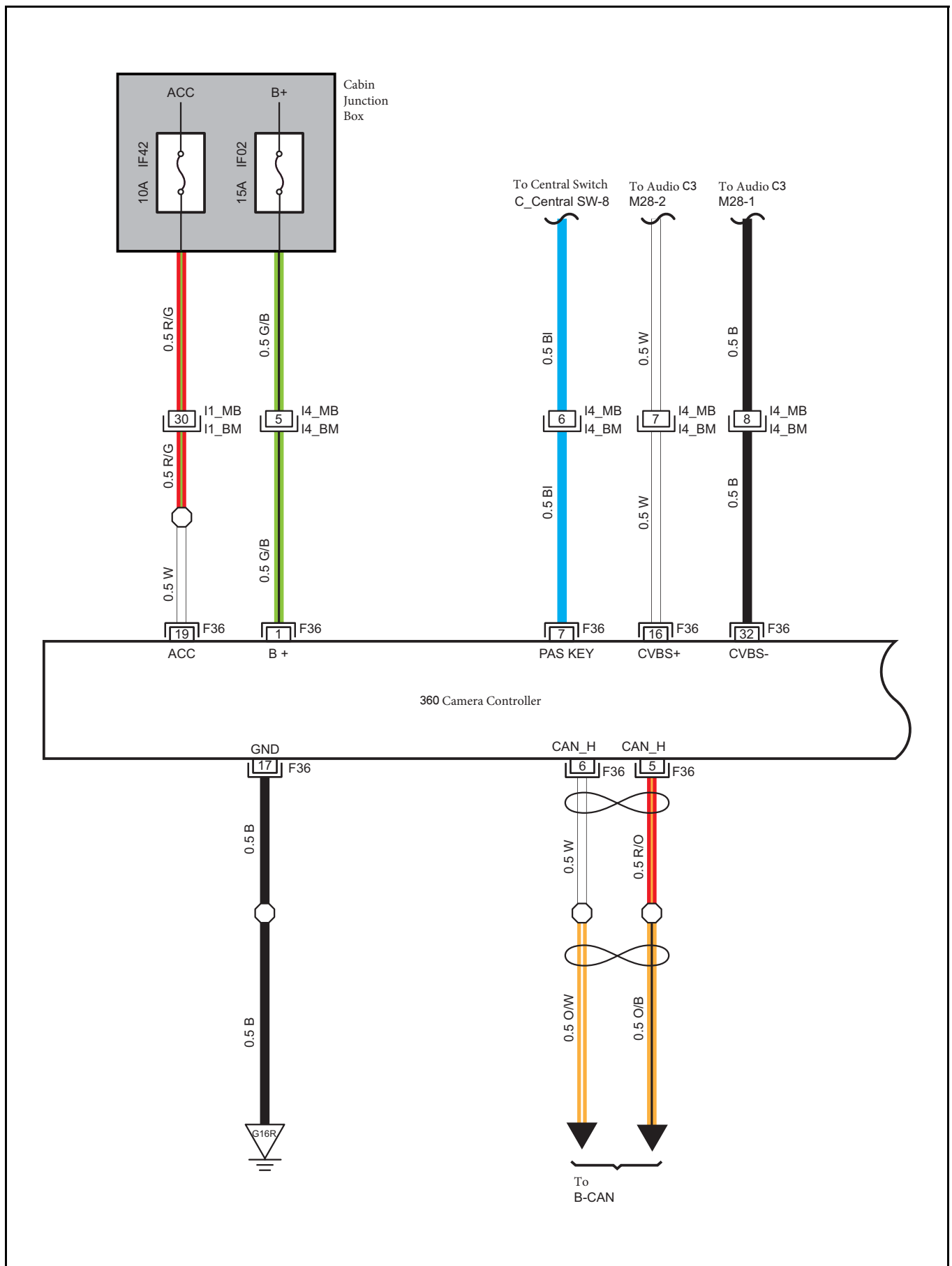
Reversing Radar



Harness Connector	Designation	Page Number
F07	Reversing Radar Module Harness Connector	55
FB01	LF Radar Sensor	74
FB02	LF Middle Radar Sensor	74
FB03	RF Middle Radar Sensor	74
FB04	RF Radar Sensor	74
I-EFB	Engine Harness To Front Radar	22, 24
I-FBE	Main Harness To Engine Harness I	74
I1-MB	Engine Harness To Main Harness I	42
I1-BM	Body Harness To Main Harness I	54
I2-BE	Body Harness To Engine Harness II	54
I2-EB	Engine Harness To Body Harness II	23, 25
I4-MB	Main Harness To Body Harness IV	42
I4-BM	Body Harness To Main Harness IV	54

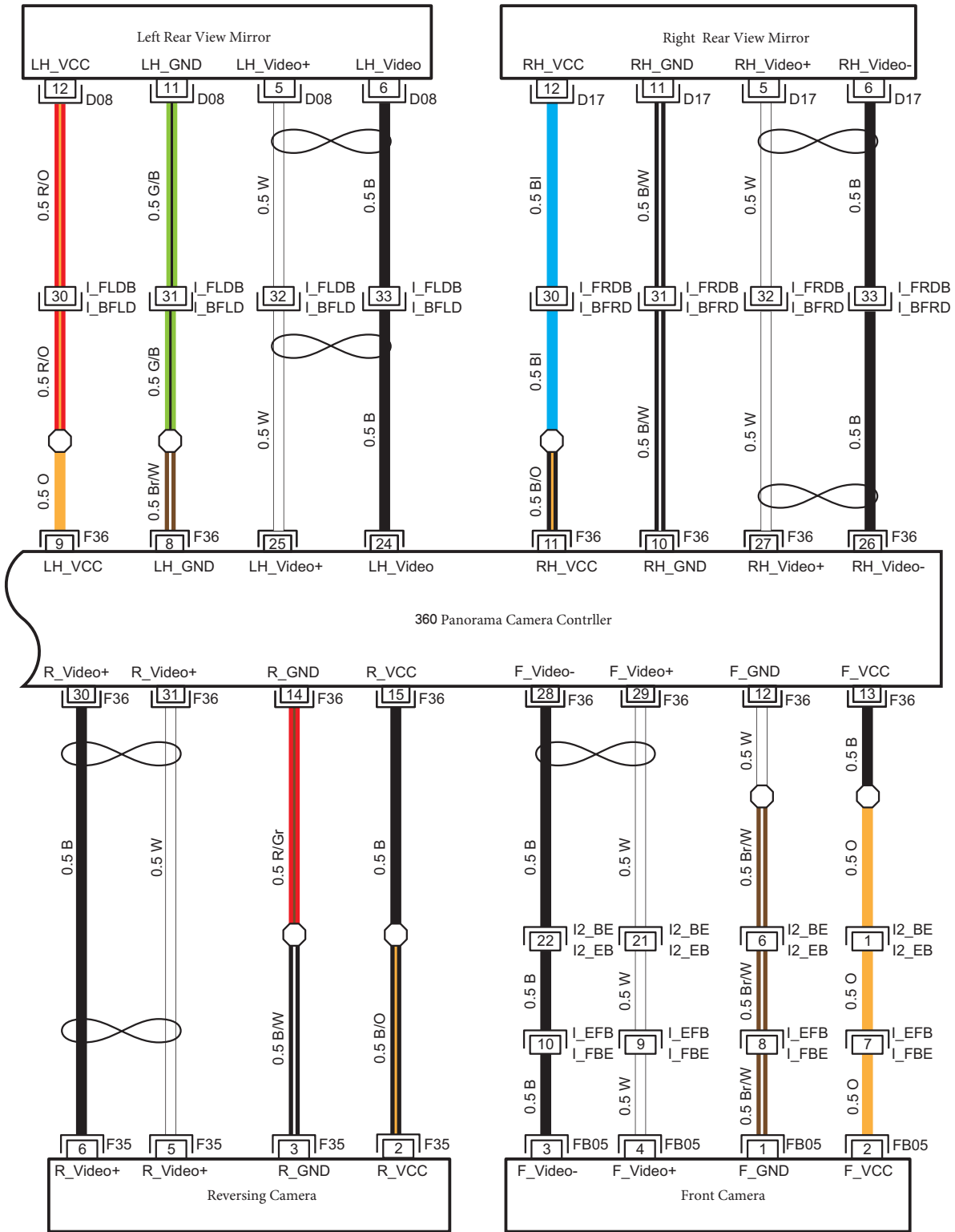
Harness Connector	Designation	Page Number
F07-9	To CAN-L	268
F07-10	To CAN-H	
F07-11	To Combination Instrument M07-22	156
F07-24	To A/C Control Panel M29-1	206
M08-2	To Fuse IF05	154

Refine S2



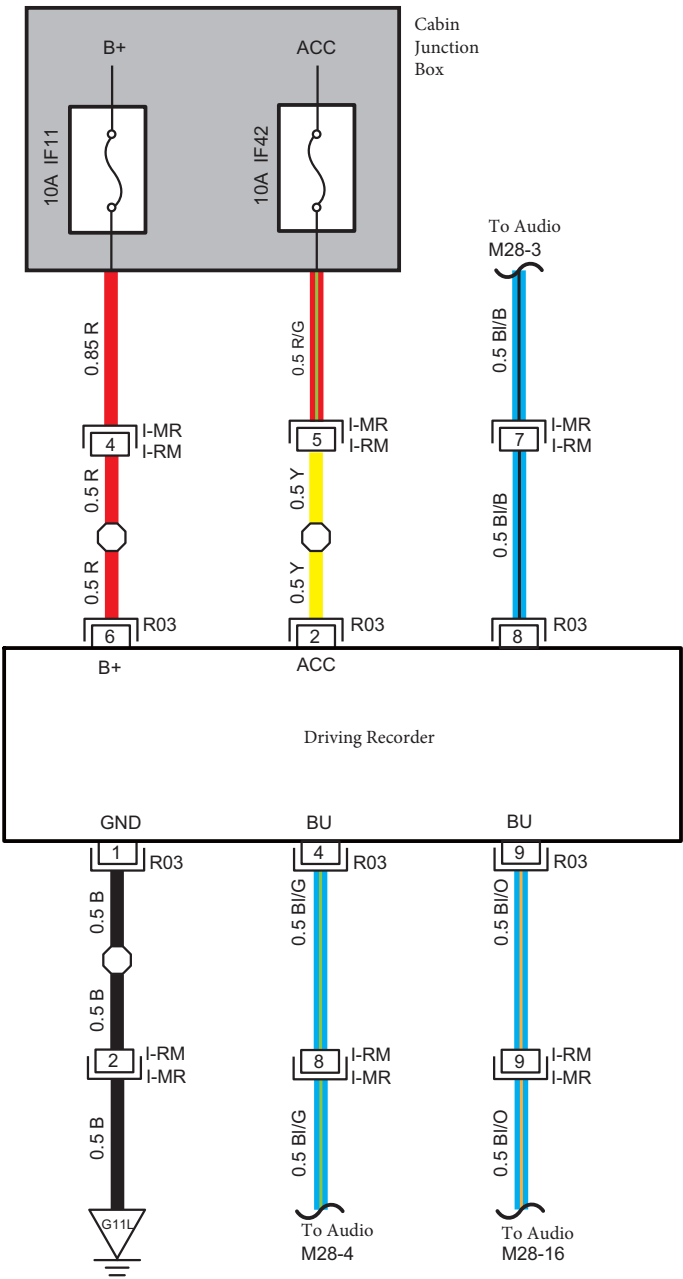
Harness Connector	Designation	Page Number
F36	360 Camera Controller Harness Connector	55
I1-MB	Main Harness To Body Harness II	42
I1-BM	Body Harness To Main Harness I	54
I4-MB	Main Harness To Body Harness IV	42
I4-BM	Body Harness To Main Harness IV	54
G16R	GND	79

Panorama Camera



Harness Connector	Designation	Page Number
D08	Left Rear View Mirror Harness Connector	61
D17	Right Rear View Mirror Harness Connector	62
F35	Reversing Image Harness Connector	54
F36	Harness Connector of 360 Camera	55
FB05	Front Camera	74
I-FLDB	LF Door Harness To Body Harness Connector	61
I-BFLD	Body Harness To LF Door Harness	54
I-BFRD	Body Harness To RF Door Harness	54
I-FRDB	RF Door Harness To Body Harness Connector	62
I2-EB	Engine Harness To Body Harness II	23, 25
I2-BE	Body Harness To Engine Harness II	54
I-EFB	Engine Harness To Front Radar Harness	22, 24
I-FBE	GND	74

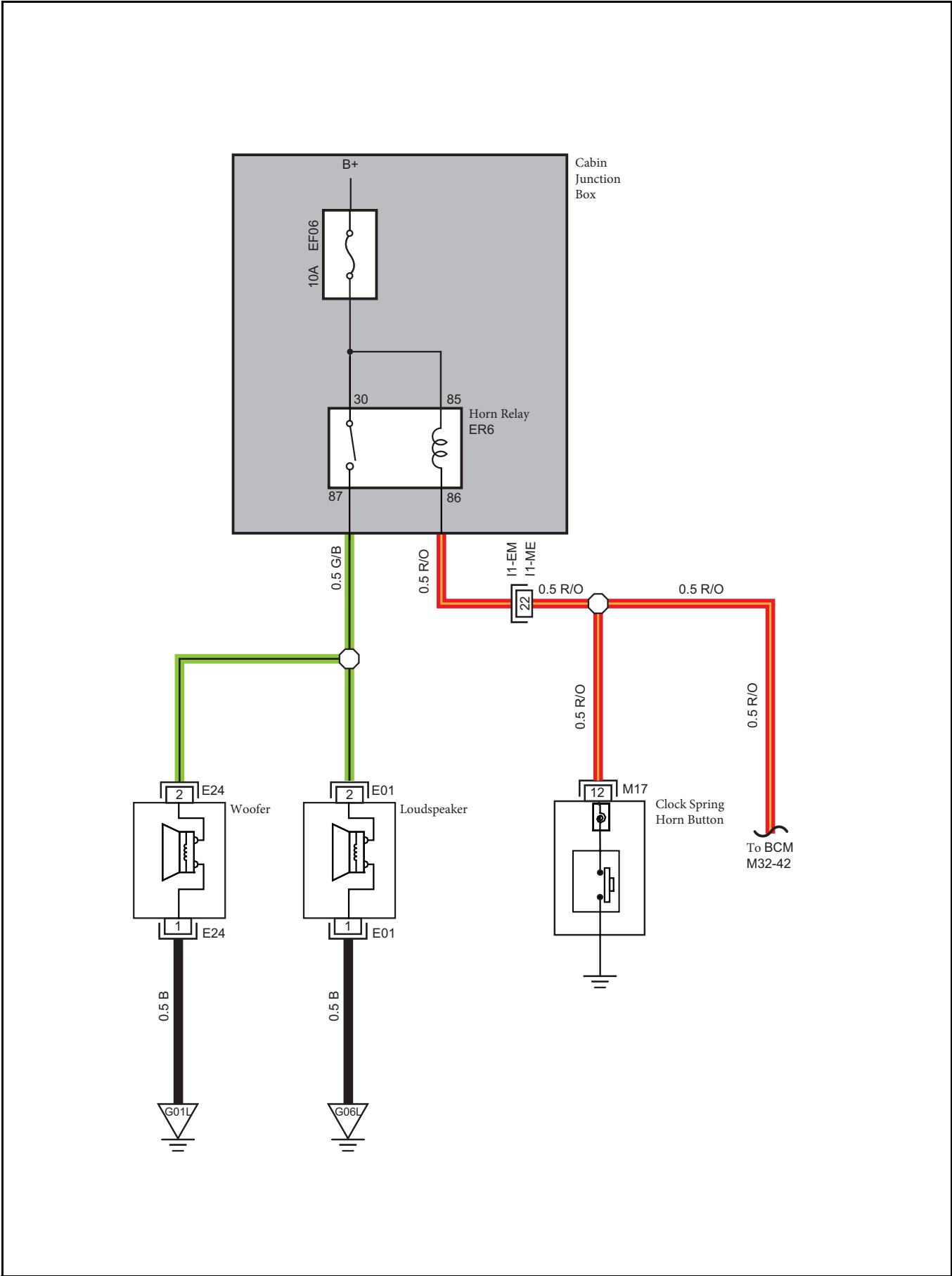
Driving Recorder



Harness Connector	Designation	Page Number
I-MR	Main Harness to Roof Ceiling Harness Connector	42
I-RM	Roof Ceiling Harness To Main Harness Connector	51
R03	Driving Recorder Module Reserved Connector	51
G11L	GND	78

Connecting Point	Designation	Page Number
R03-4	To Audio M28-4	212
R03-8	To Audio M28-3	212
R03-9	To Audio M28-16	212

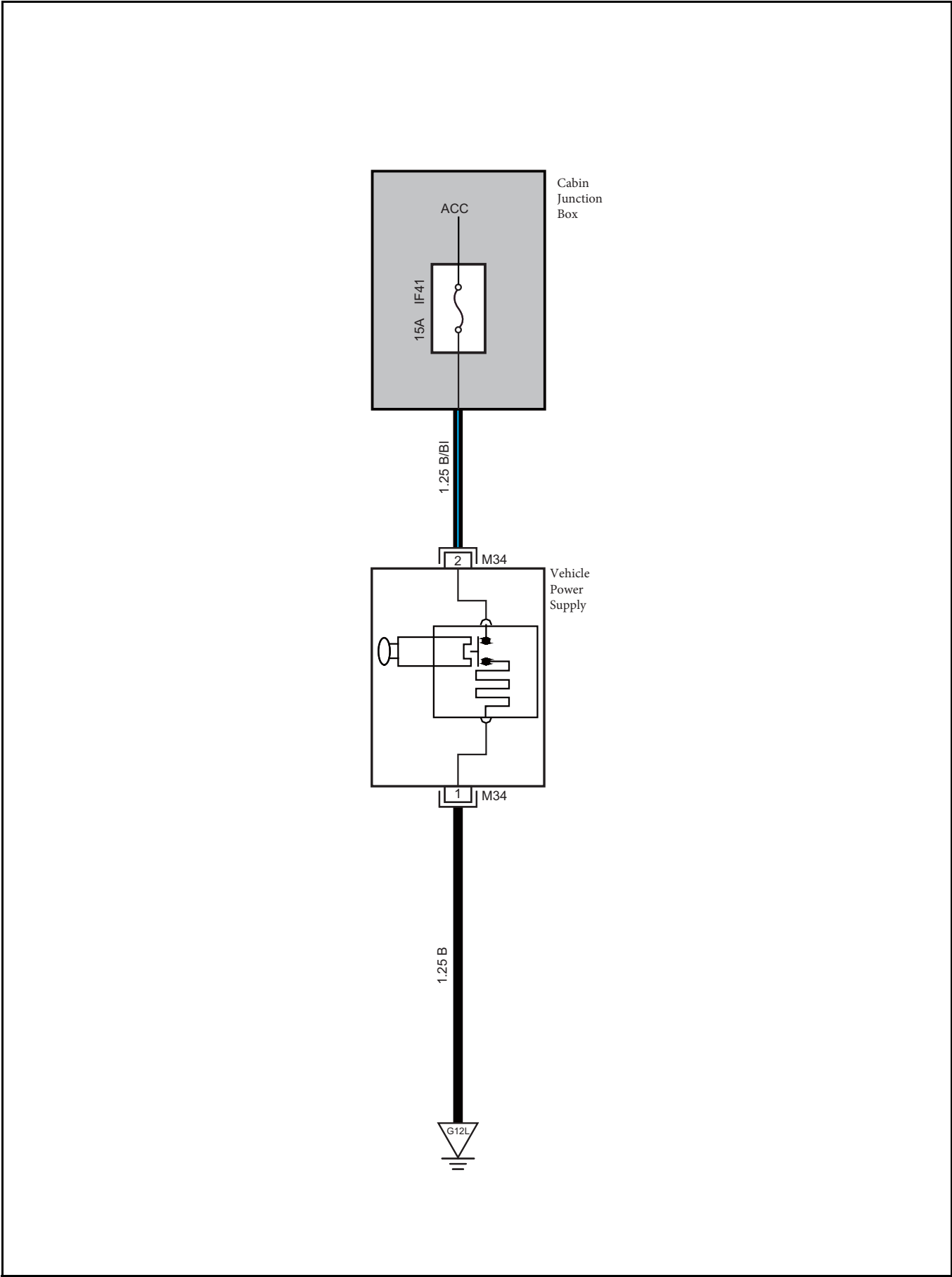
Horn



Harness Connector	Designation	Page Number
E01	Loudspeaker Harness Connector	22, 24
E24	Woofer Harness Connector	22, 24
I1-EM	Engine Harness To Main Harness Connector	23, 25
I1-ME	Main Harness to Engine Harness Connector	42
M17	Clock Spring-Horn Harness Connector	43
G01L	GND	77
G06L	GND	77

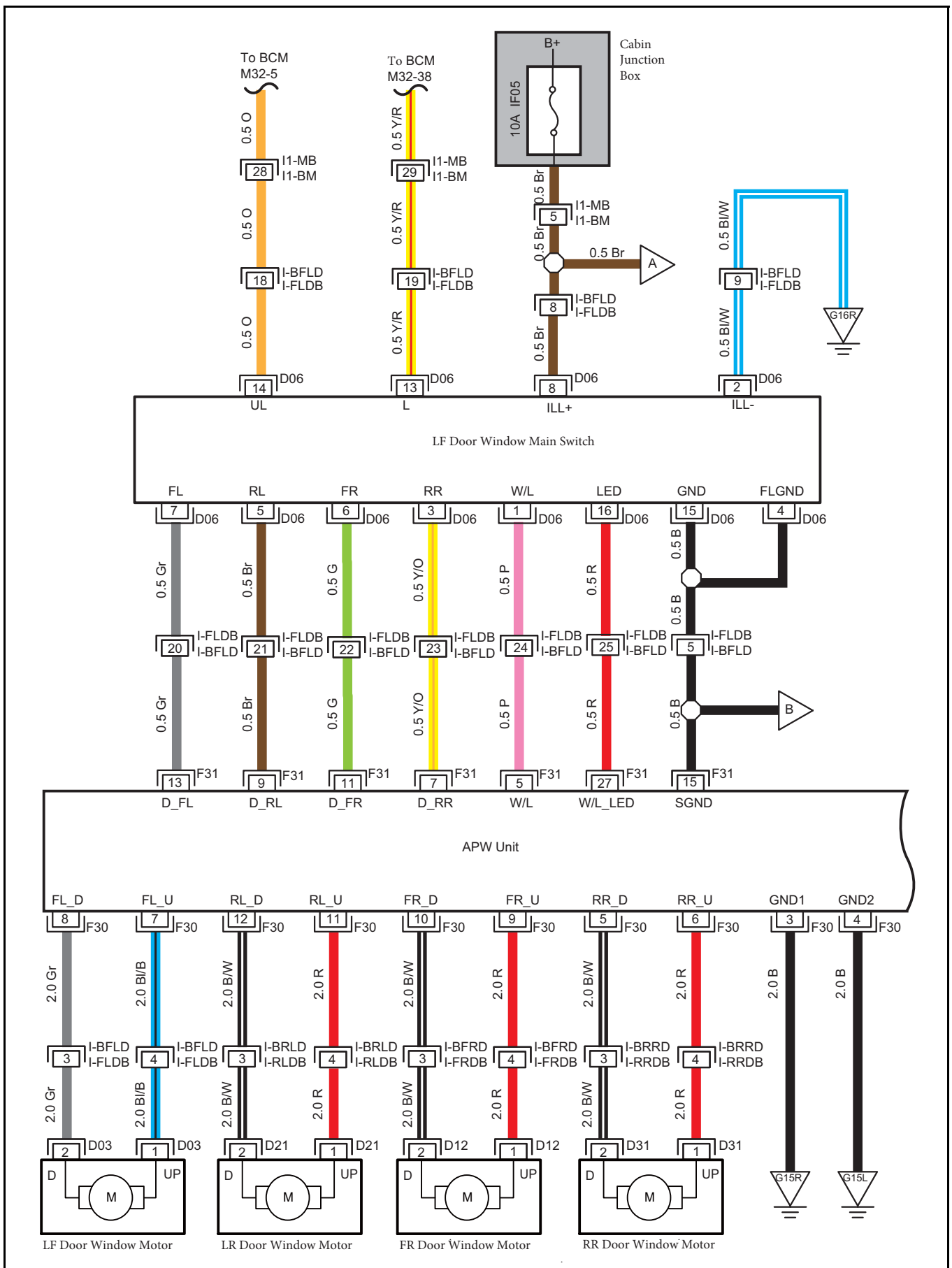
Connecting Point	Designation	Page Number
ER06-86	To BCM Module M32-42	184

Vehicle Power Supply



Harness Connector	Designation	Page Number
M34	Vehicle Power Harness Connector	43, 44
G12L	GND	78

Power Window(Anti-pitch)



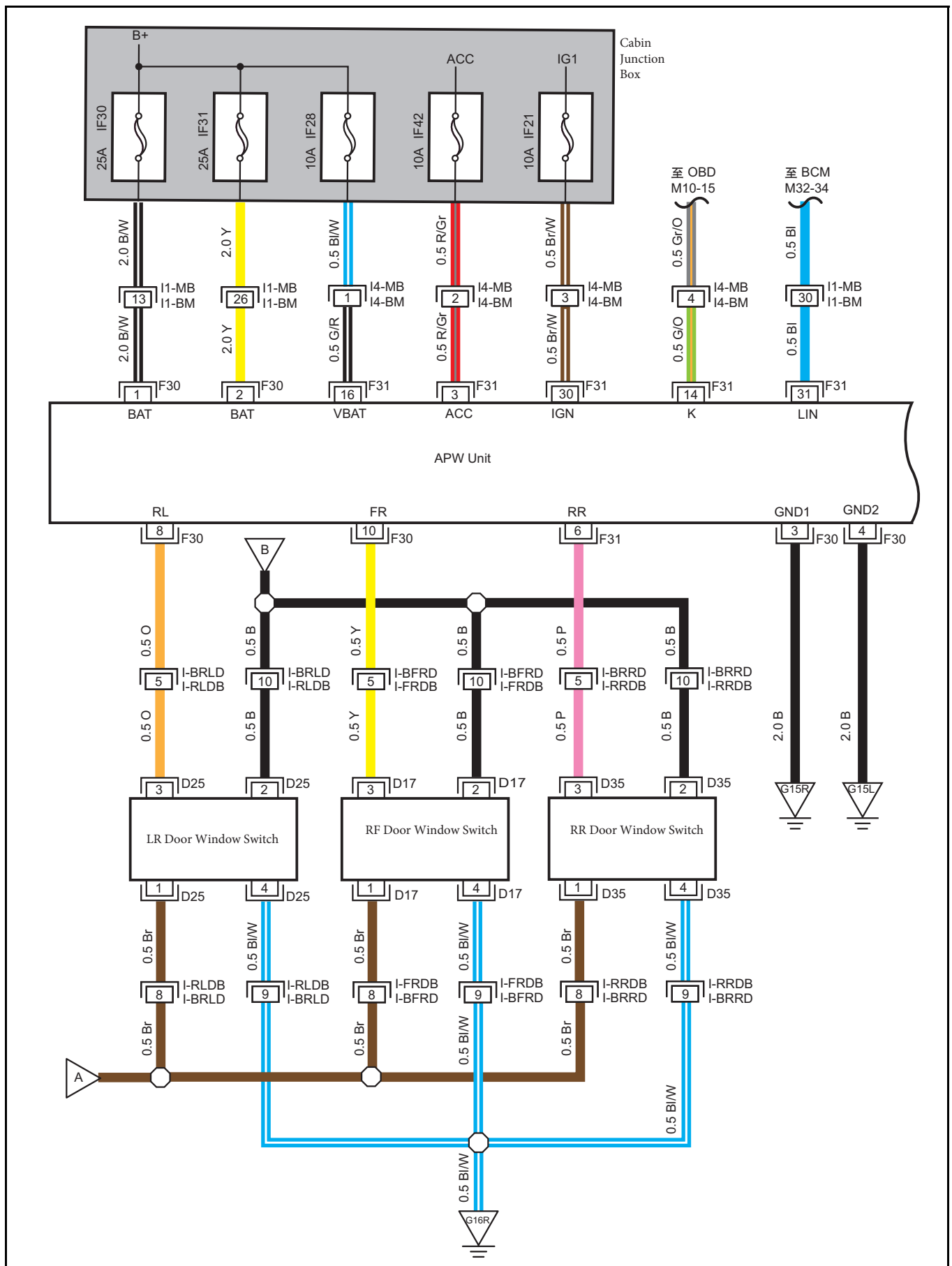
Harness Connector	Designation	Page Number
D03	LF Door Window Motor Harness Connector	61
D06	LF Door Window Motor (anti-pitch)	61
D12	RF Door Window Motor Harness Connector	62
D21	LR Door Window Motor Harness Connector	61
D31	RR Door Window Motor Harness Connector	62
I1-MB	Body Harness to Main Harness	42
I1-BM	Main Harness to Body Harness	54
I-BFLD	Body Harness to Main Harness	54
I-FLDB	Body Harness to LF Door Harness	61
I-FRDB	LF Door Harness to Body Harness Harness	62
I-BFRD	RF Door Harness to Body Harness Harness	54
I-BRRD	Body Harness to RF Door Harness	55
I-RRDB	Body Harness to RR Door Harness	62
I-BRLD	Tail Door Harness to Body Harness	55
I-RLDB	LR Door Harness to Body Harness	61
F30	APW Controller C1 Harness Connector	54
F31	APW Controller C2 Harness Connector	55
G15R	GND	79
G15L	GND	79
G16R	GND	79

Connecting Point	Designation	Page Number
D06-13	To BCM M32-38	184
D06-14	To BCM M32-5	184

Harness Connector	Designation	Page Number
D17	LF Rear View Mirror Harness Connector	62
D24	LR Door Window Motor Harness Connector	61
D34	RF Door Window Motor Harness Connector	62
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I4-MB	Main Harness to Body Harness IV	42
I4-BM	Body Harness to Main Harness IV	54
I-RLDB	LF Door Harness to Body Harness	61
I-BRLD	Body Harness to LF Door Harness	55
I-FRDB	RF Door Harness to Body Harness	62
I-BFRD	Body Harness to RF Door Harness	54
I-RRDB	RR Door Harness to Body Harness	62
I-BRRD	Body Harness to RR Door Harness	55
F30	APW Controller C1 Harness Connector	54
F31	APW Controller C2 Harness Connector	55
G15R	GND	79
G15L	GND	79
G16R	GND	79

Connecting Point	Designation	Page Number
F32-14	To OBD M10-15	264
F32-31	To BCM M32-34	190

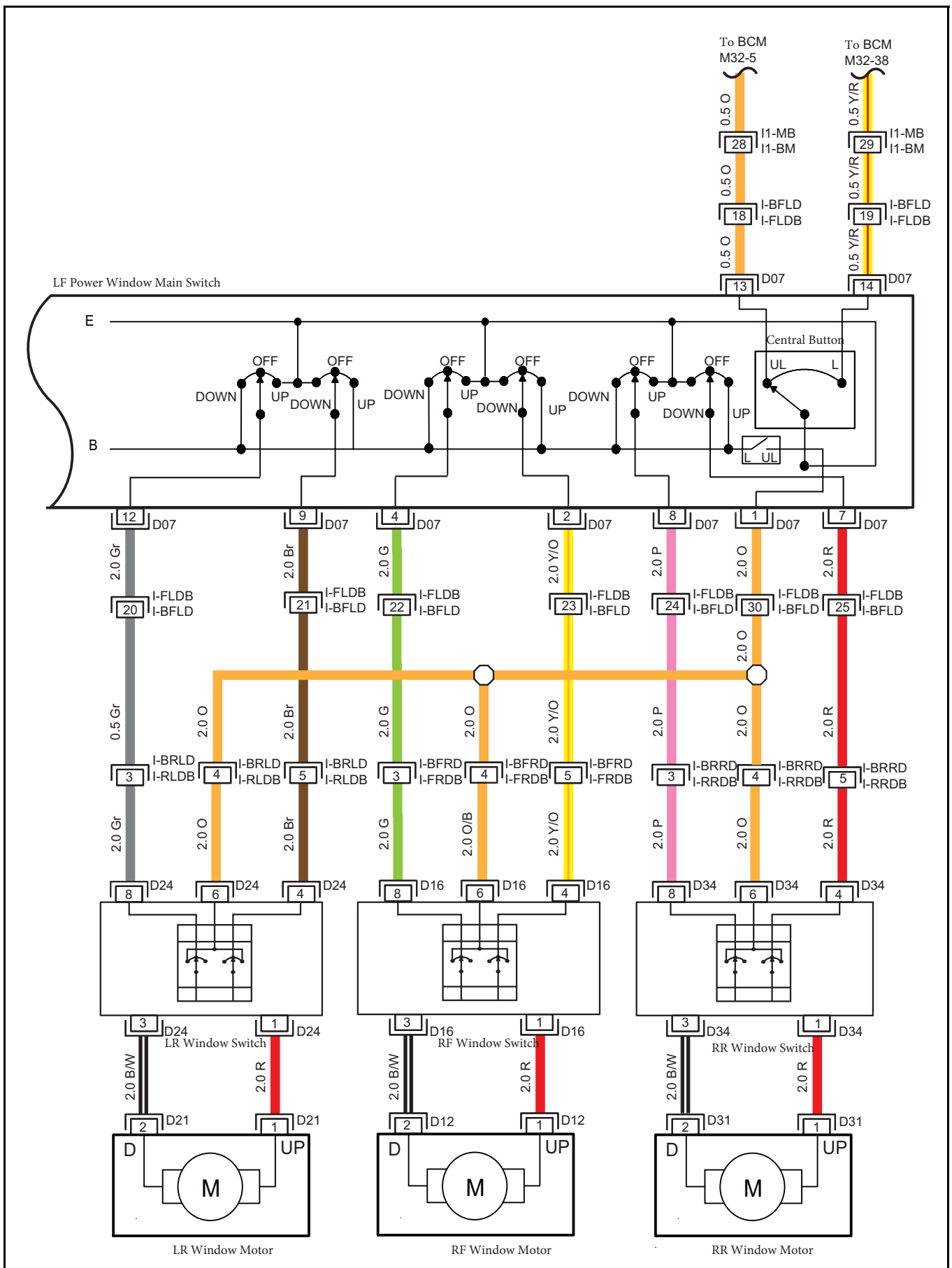
Power Window 3 (Without Anti-pitch)



Harness Connector	Designation	Page Number
D17	LF Rear View Mirror Harness Connector	62
D24	LR Door Window Motor Harness Connector	61
D34	RF Door Window Motor Harness Connector	62
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I4-MB	Main Harness to Body Harness IV	42
I4-BM	Body Harness to Main Harness IV	54
I-RLDB	LF Door Harness to Body Harness	61
I-BRLD	Body Harness to LF Door Harness	55
I-FRDB	RF Door Harness to Body Harness	62
I-BFRD	Body Harness to RF Door Harness	54
I-RRDB	RR Door Harness to Body Harness	62
I-BRRD	Body Harness to RR Door Harness	55
F30	APW Controller C1 Harness Connector	54
F31	APW Controller C2 Harness Connector	55
G15R	GND	79
G15L	GND	79
G16R	GND	79

Connecting Point	Designation	Page Number
F32-14	To OBD M10-15	264
F32-31	To BCM M32-34	190

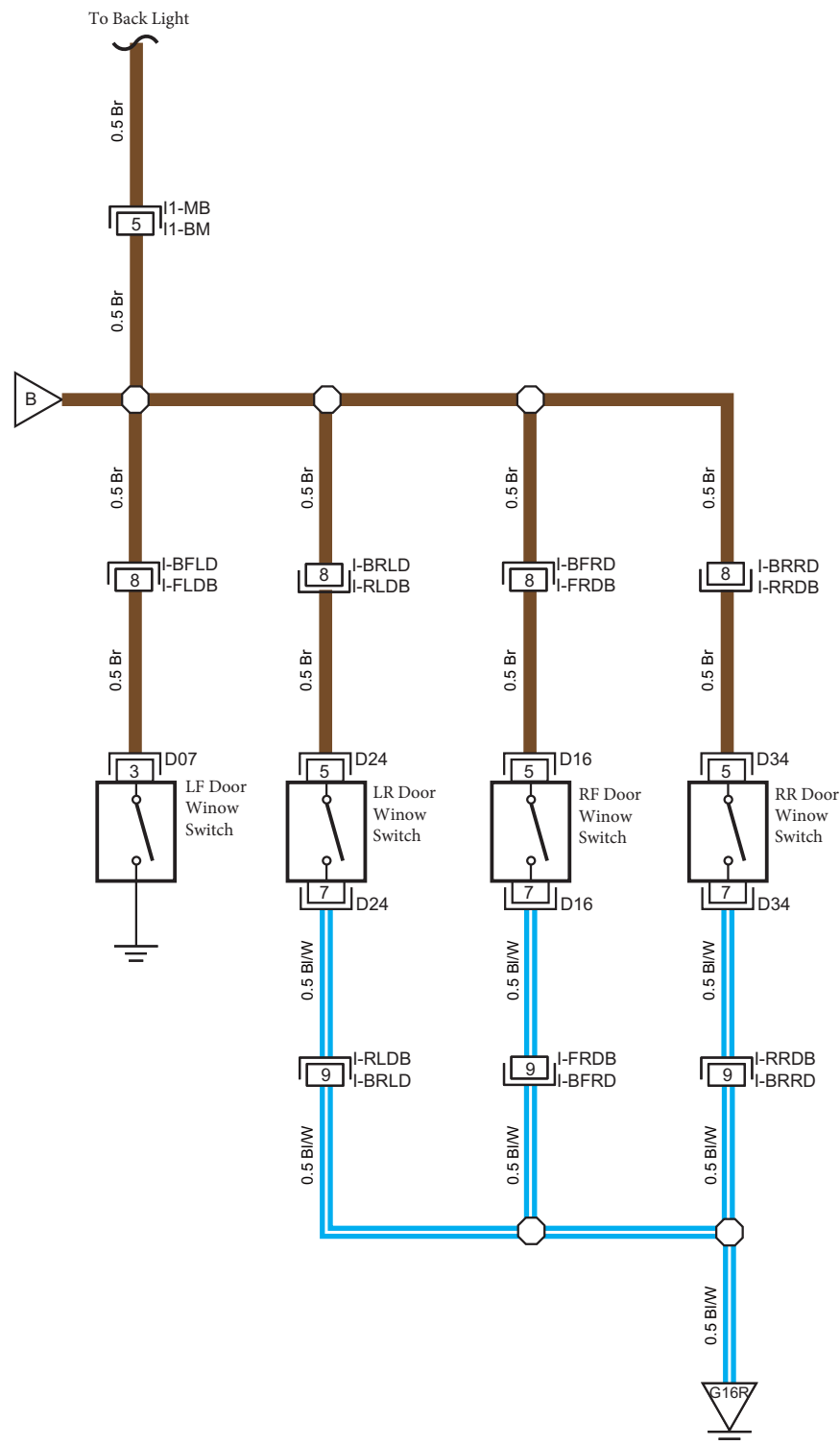
Power Window 4 (Without Anti-pitch)



Harness Connector	Designation	Page Number
D07	LF Door Knob Sensor Harness Connector	61
D12	RF Door Window Motor Harness Connector	62
D16	RF Door Window Switch Harness Connector	62
D21	LF Door Window Motor Harness Connector	61
D24	LF Door Window Switch Harness Connector	61
D31	RR Door Window Motor Harness Connector	62
D34	RR Door Window Switch Harness Connector	62
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I-FLDB	LF Door Harness to Body Harness	61
I-BFLD	Body Harness to LF Door Harness	54
I-BRLD	Body Harness to LR Door Harness	55
I-RLDB	LR Door Harness to Body Harness	61
I-BFRD	Body Harness to RF Door Harness	54
I-FRDB	RF Door Harness to Body Harness	62
I-BRRD	Body Harness to RR Door Harness	55
I-RRDB	RR Door Harness to Body Harness	62

Connecting Point	Designation	Page Number
D07-13	To OBD M32-05	184
D07-14	To BCM M32-38	184

Power Window 5 (Without Anti-pitch)



Harness Connector	Designation	Page Number
D07	LF Door Knob Sensor Harness Connector	61
D16	RF Door Window Switch Harness Connector	62
D24	LR Door Window Switch Harness Connector	61
D34	RR Door Window Switch Harness Connector	62
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
I-FLDB	LF Door Harness to Body Harness	61
I-BFLD	Body Harness to LF Door Harness	54
I-RLDB	LR Door Harness to Body Harness	61
I-BFRD	Body Harness to LR Door Harness	54
I-FRDB	RF Door Harness to Body Harness	62
I-BRRD	Body Harness to RR Door Harness	55
I-RRDB	RR Door Harness to Main Harness	62
G16R	GND	79

Connecting Point	Designation	Page Number
D07-3	To Back Light	164

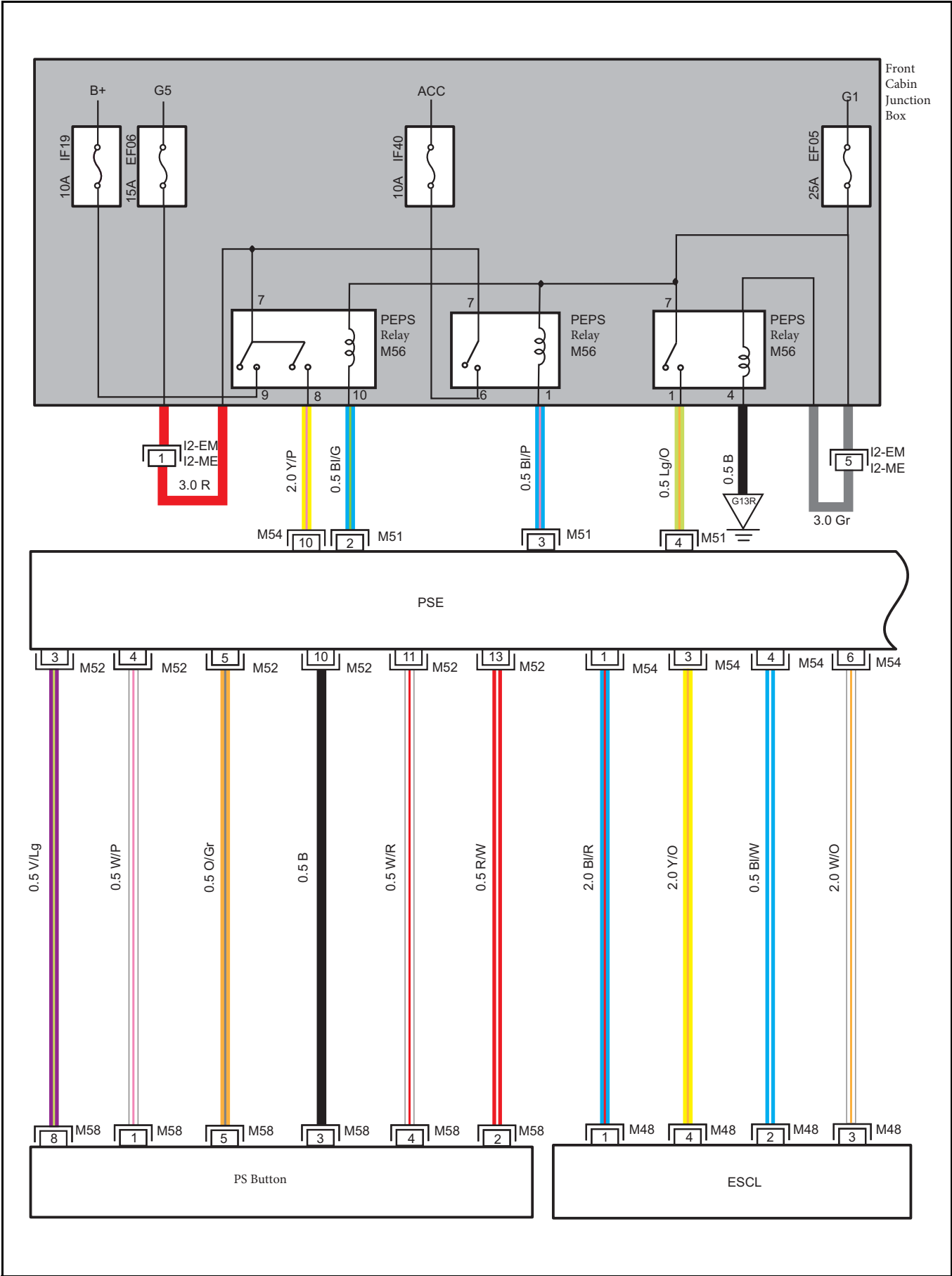
Refine S2



Harness Connector	Designation	Page Number
I1-MB	Main Harness to Body Harness I	42
I1-BM	Body Harness to Main Harness I	54
F37	USB Harness Connector	55
M37	Harness Connector of Remote Diagnosis System	43, 44
M54	T-BOX to MP5 C4 Harness Connector	42
G11R	GND	78

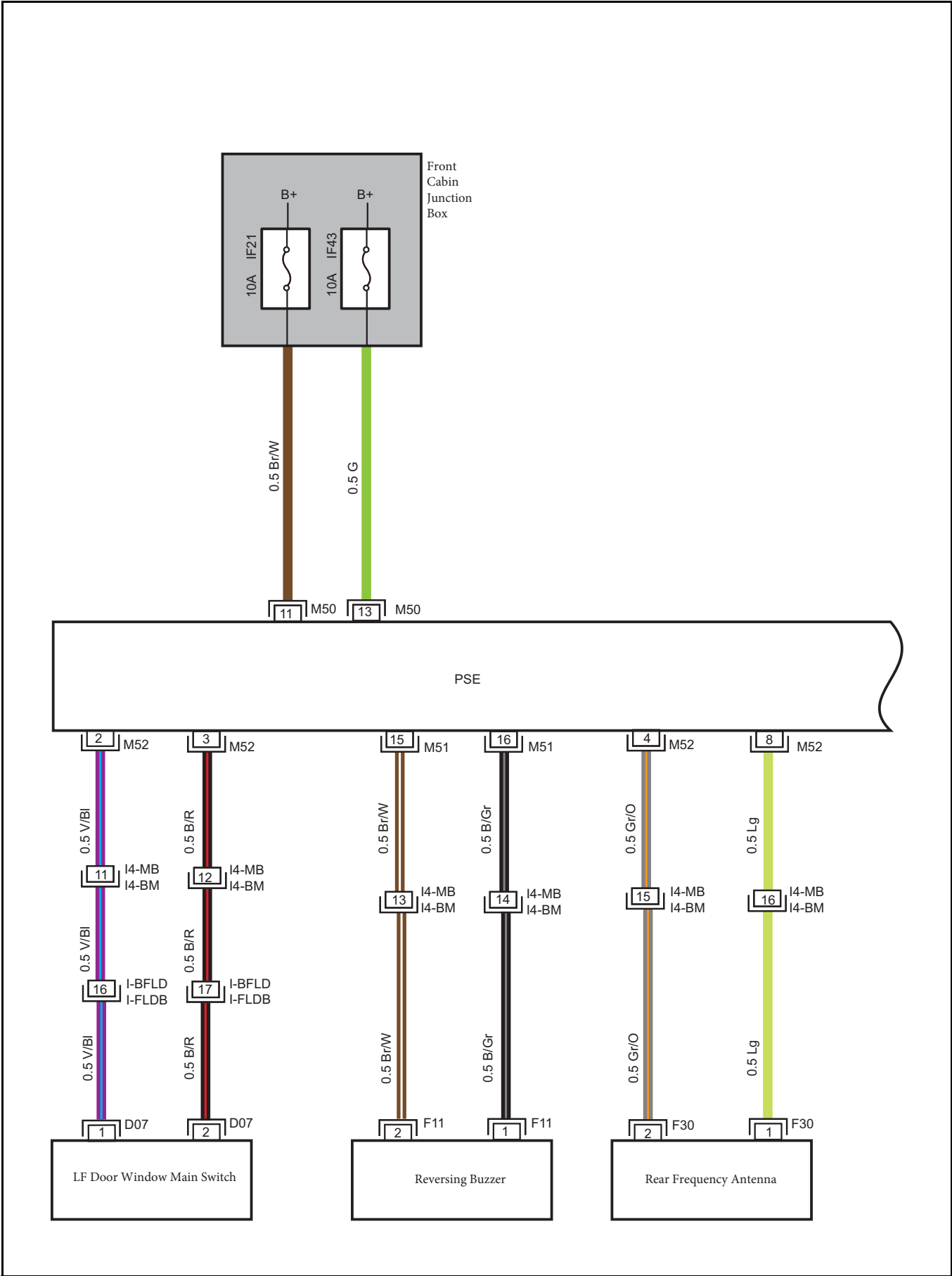
Connecting Point	Designation	Page Number
M3718	To B-CAN	268
M37-19		
M37-20	To P-CAN	266
M37-21		

PSE1



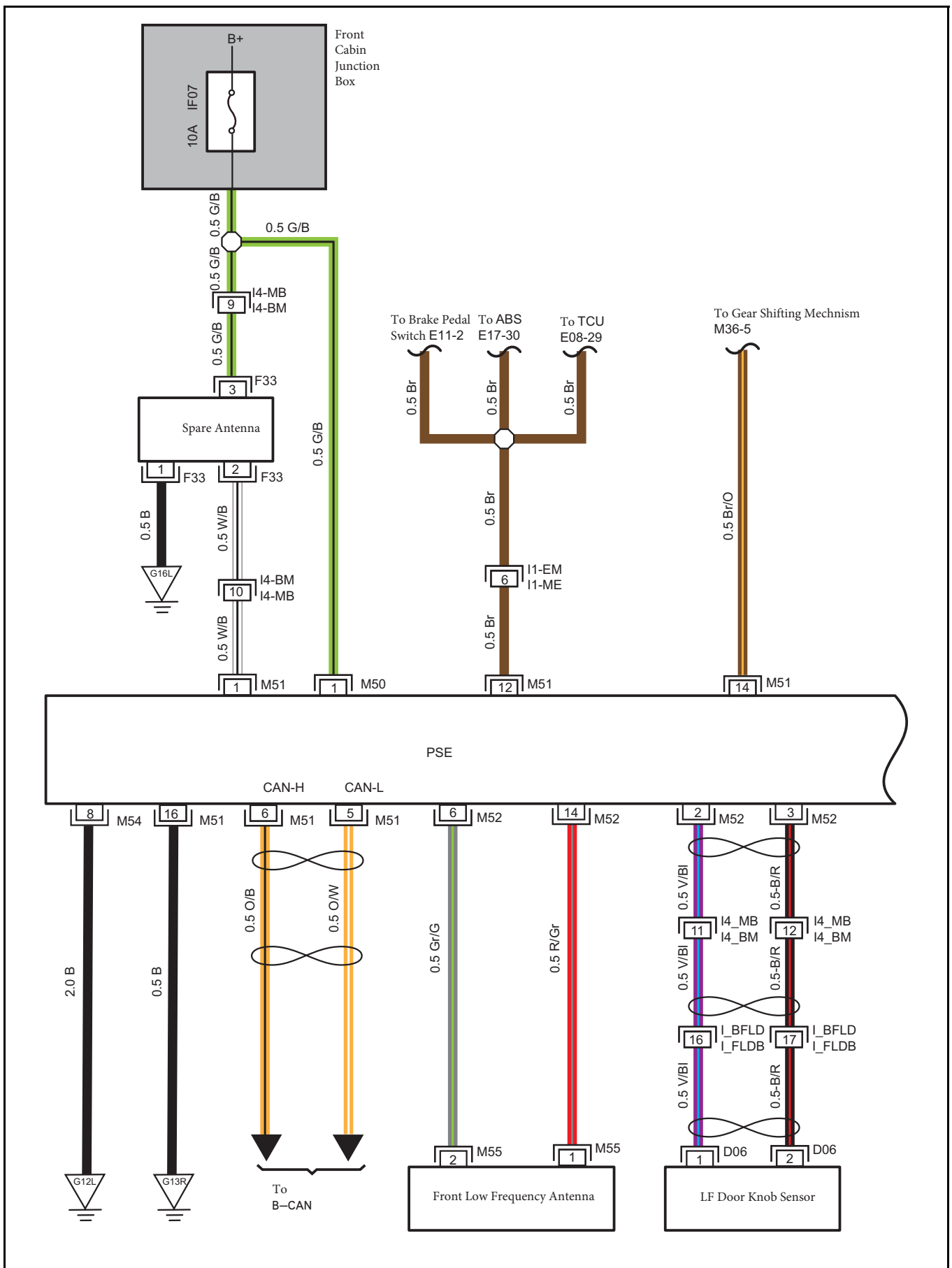
Harness Connector	Designation	Page Number
I2-ME	Main Harness to Body Harness I	42
I2-EM	Body Harness to Main Harness I	23, 25
M48	ESCL Lock	43, 44
M51	Harness Connector of PSE Controller 2	43, 44
M52	Harness Connector of PSE Controller 3	43, 44
M54	T-Box to MP5 C4 Harness Connector	42
M47	Passive Start Harness Connector	42
G13R	GND	78

PSE2



Harness Connector	Designation	Page
D07	LF Door Knob Sensor Harness Connector	61
I1-BM	Body Harness to Main Harness I	54
I1-MB	Main Harness to Body Harness I	42
I4-MB	Main Harness to Body Harness IV	42
I4-BM	Body Harness to Main Harness IV	54
I-BFLD	Body Harness to LF Door Harness	54
I-FLDB	LF Door Harness to Body Harness	61
I2-EXTB	Tail Gate Transition Door Harness to Body Harness II	65
I2-BEXT	Body Harness to Tail Gate Door Transition Harness II	54
I2-EXTT	Tail Gate Door Transition Harness to Body Harness II	65
I2-TEXT	Tail Gate Door Transition Harness 2 Connector	64
F11	Reversing Buzzer Harness Connector	55
F30	APW Controller C1 Harness Controller	54
M51	Harness Connector of PSE Controller 2	43, 44
M52	Harness Connector of PSE Controller 3	43, 44
M53	Harness Connector of PSE Controller 4	43, 44
G05	GND	77

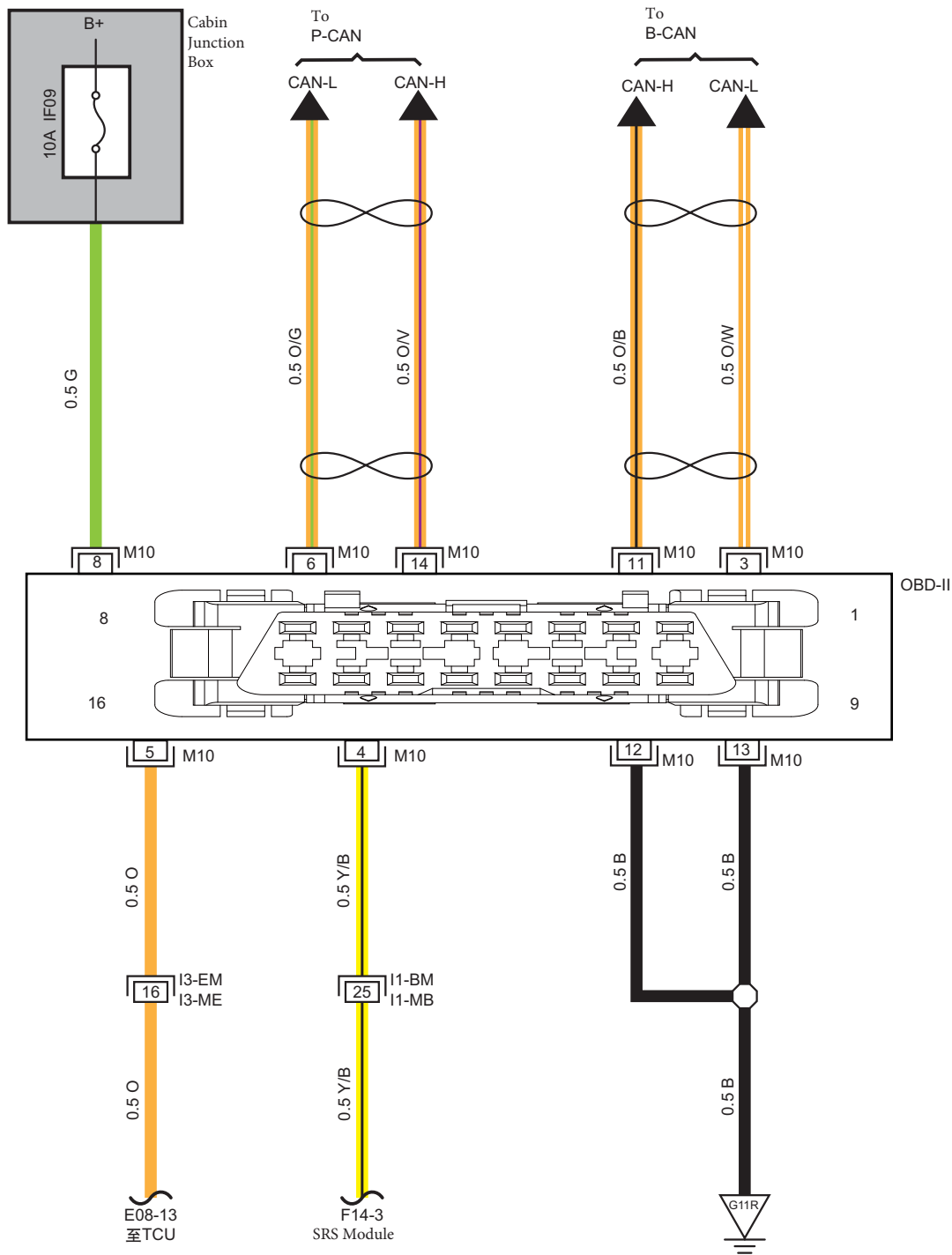
PSE3



Harness Connector	Designation	Page
D06	LF Door Knob Sensor Harness Connector	61
F33	Rear Low Frequency Antenna Harness Connector	55
I1-EM	Engine Harness to Main Harness I	23, 25
I1-ME	Main Harness to Engine Harness I	42
I4-BM	Body Harness to Main Harness IV	54
I4-MB	Main Harness to Body Harness IV	42
I-BFLD	Body Harness to LF Door Harness	54
I-FLDB	LF Door Harness to Body Harness	61
M50	Harness Connector of PSE Controller 1	43, 44
M51	Harness Connector of PSE Controller 2	43, 44
M52	Harness Connector of PSE Controller 3	43, 44
M54	T-Box to MP5 c4 Harness Connector	42
M55	LF Door Window Motor(ant-pitch)	43, 44
G12L	GND	78
G13R	GND	78
G16L	GND	79

Connecting Point	Designation	Page
M51-12	To Brake Pedal Switch E11-2	172
	To ABS Module E17-30	226
	To TCU Module E08-29	222
M51-14	To Gear Shifting Mechanism M36-5	222
M51-5	To B-CAN	268
M51-6		

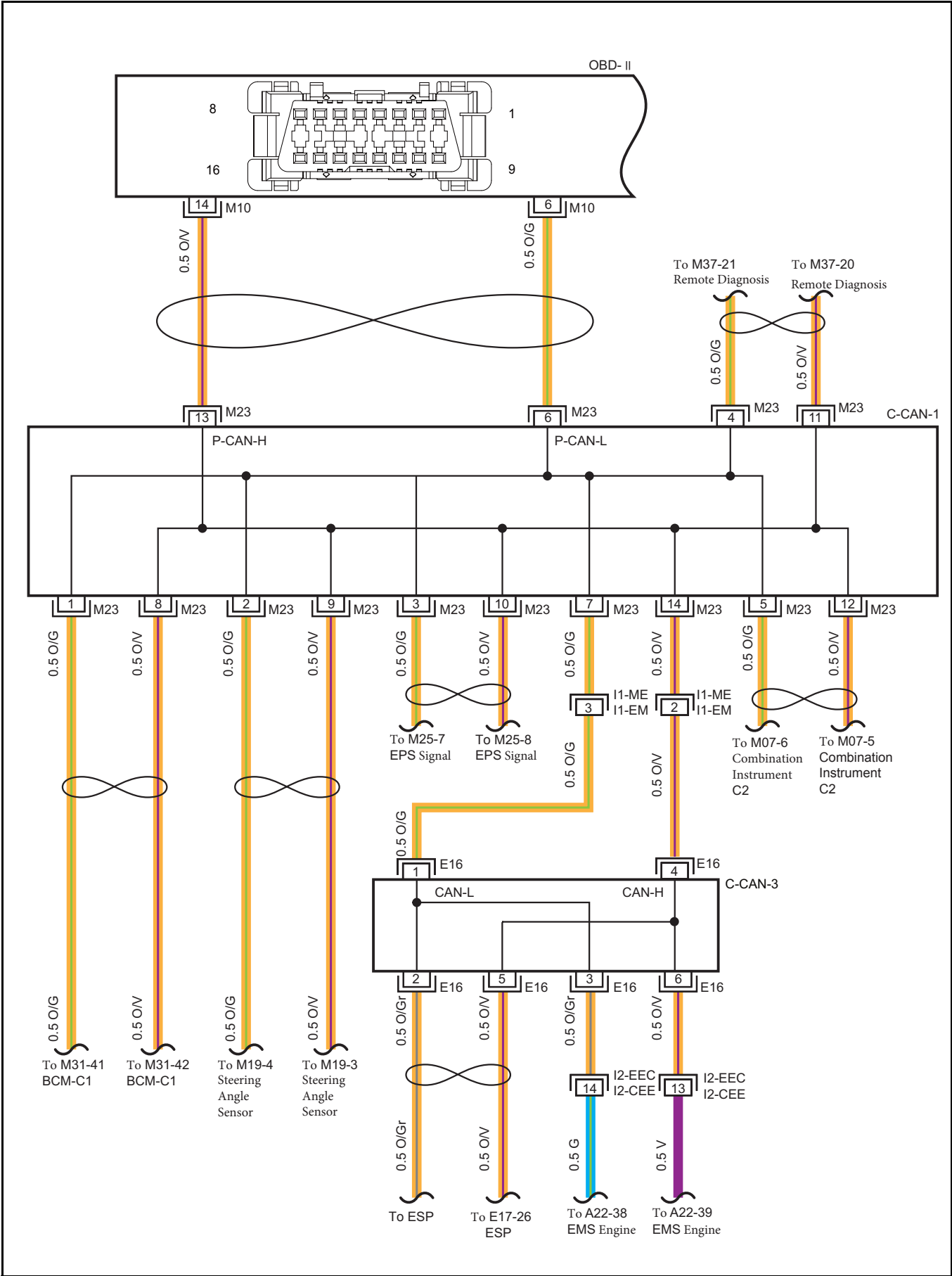
Diagnosis Interface



Harness Connector	Designation	Page
M10	Diagnosis Interface Harness Connector	42
I1-BM	Body Harness to Main Harness I	54
I1-MB	Main Harness to Body Harness I	42
G11R	GND	78

Connecting Point	Designation	Page
M10-3	To B-CAN	268
M10-11		
M10-6	To P-CAN	266
M10-14		266
M10-4	To SRS F14-3	216

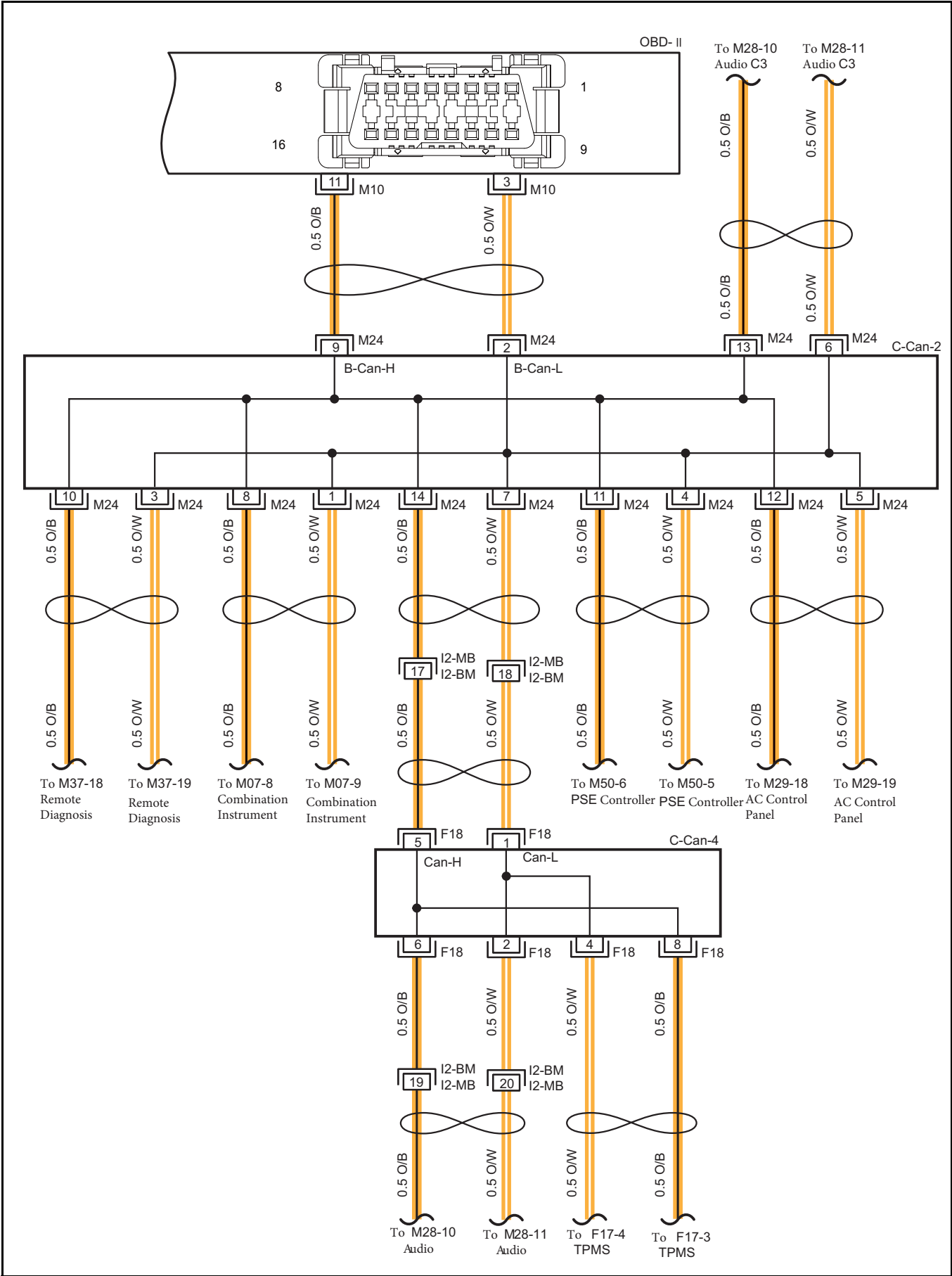
CAN Data Communication Net 1



Harness Connector	Designation	Page
A2	Control Harness To Engine Harness	30
E25	Ambient Temp. Sensor	22, 24
I2-EEC	Engine Harness to Control Harness	22, 24
I1-ME	Body Harness to Main Harness I	42
I1-EM	Main Harness to Body Harness I	23, 25
M10	Diagnosis Interface	42
M24	CAN Breaker 2	42

Connecting Point	Designation	Page
F18-2	To Audio M28-11	212
F18-4	To TPMS F17-4	232
F18-6	To Audio M28-10	212
F18-8	To TPMS F17-3	232
M23-1	To Combination Instrument M07-9	154
M23-8	To Combination Instrument M07-8	154
M24-1	To BCM M31-41	182
M24-2	To Steering Angle M19-4	230
M24-8	To BCM M31-42	182
M24-9	To Steering Angle M19-3	230
E16-2	To ESP E17-14	228
E16-3	To ESP E17-14	228
E16-5	To EMS A22-38	126
E16-6	To EMS A22-39	126

CAN Data Communication Net 2



Harness Connector	Designation	Page
F18	CAN Breaker 4	54
I2-MB	Main Harness to Body Harness II	42
I2-BM	Body Harness to Main Harness II	54
M10	Diagnosis Interface Connector	42
M23	CAN Breaker 1	42

Connecting Point	Designation	Page
F18-2	To Audio M28-11	212
F18-4	To TPMS F17-4	232
F18-6	To Audio M28-10	212
F18-8	To TPMS F17-3	232
M23-1	To Combination Instrument M07-9	154
M23-8	To Combination Instrument M07-8	154

ABB In English	Description in Chinese	ABB In English	Description in Chinese
A/C	Air Condition	HECU	Hydraulic Control Unit
ABS	Anti Braking System	GSM	Gear Selecting Module
AC	Air Condition System	IP (Cluster)	Instrument Panel
ACU	Air Bag Control Unit	LIN	
ACM	Auxiliary Control Unit	LH、 RH	Left/Right
AV	Audio&Video Media System	LT	Lighting system
BCS	Body Control System	P/S	Power Steering
BCM	Body Control Module	TCU	Transmission Control Unit
BMS	Battery Management System	TEM	Remote Control
BRC	Brake Control System	PAID	
CAN	Controller Area Network	PEPS	Passive Entry&Passive Start
CCS	Cruise Control System	PG	Power &GND Components
CO	Cooling System	PS	Power Steering
DC/DC	High voltage direct converter	PTC	
DI	Driver Information	PEU	
DLC	Diagnosis Interface	SAS	Steering Angle Sensor
EBD	Electronic brake force distribution	SB	Safety Belt
ED	Electrical Diagram	SC	Start &Charging System
ESC	Electronic Stability Control	SE	Seat
ESCL	Electronic Steering Column Lock	SOC	State of Charge
EPS	Electrical Power Steering	SRS	Supplementary Restraint System
EPB	Electrical Parking Brake	SSB	Start Stop Button
FL	Front Left Window Anti-pitch	STC	
FR	Front Right Window Anti-pitch	CDP	
FR、 RR	Front、 Rear	VSS	Vehicle Speed Sensor
HVAC	Heating/Ventilation/Air Condition		

