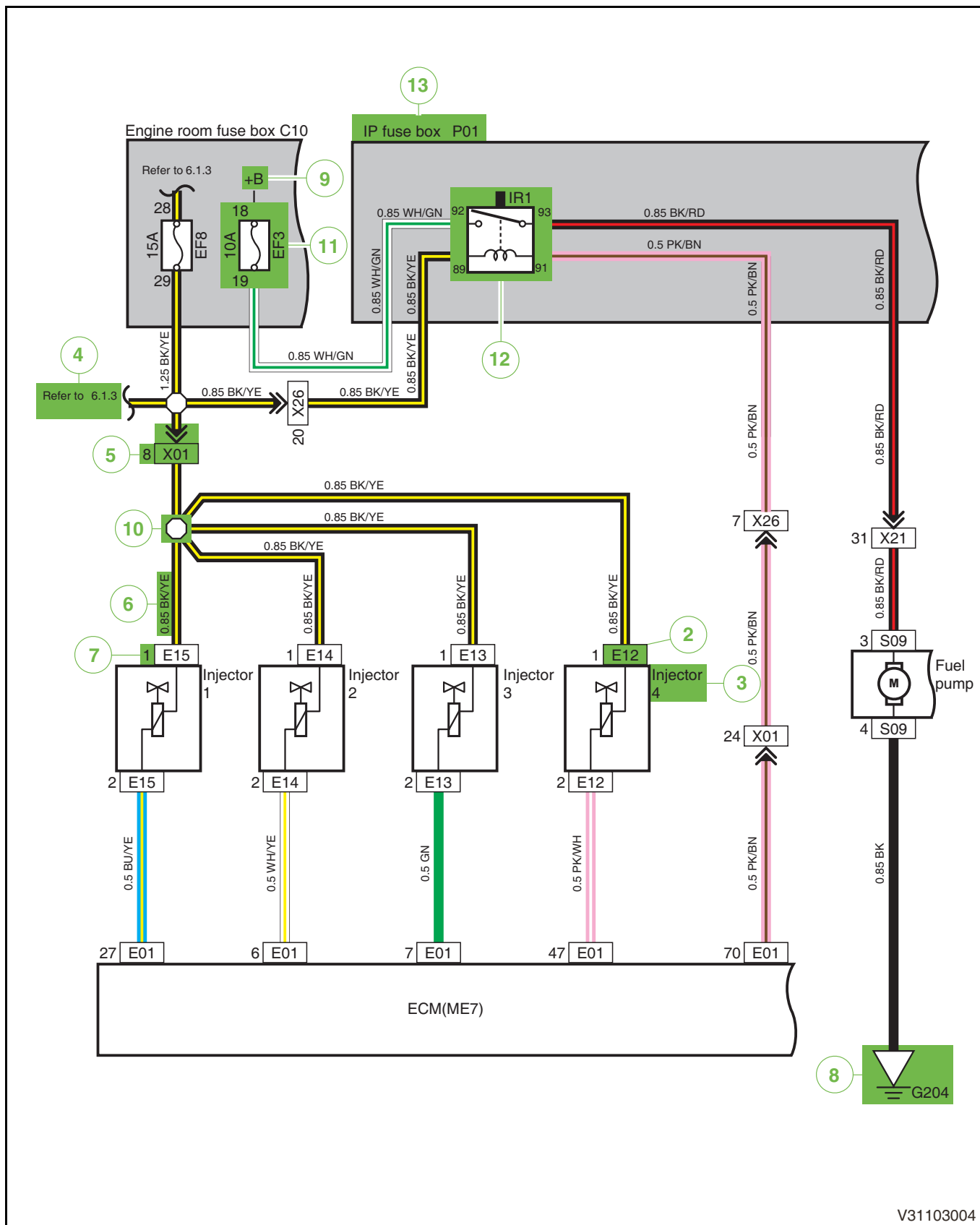


6.1 Description

Fuel System

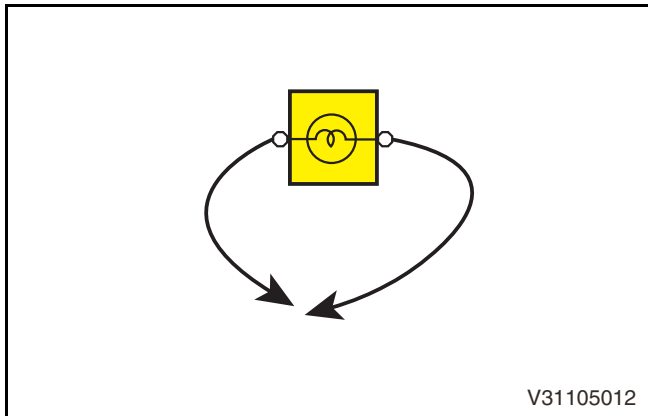
1



V31103004

Fault Diagnosis Device

1. Voltmeter and test lamp.

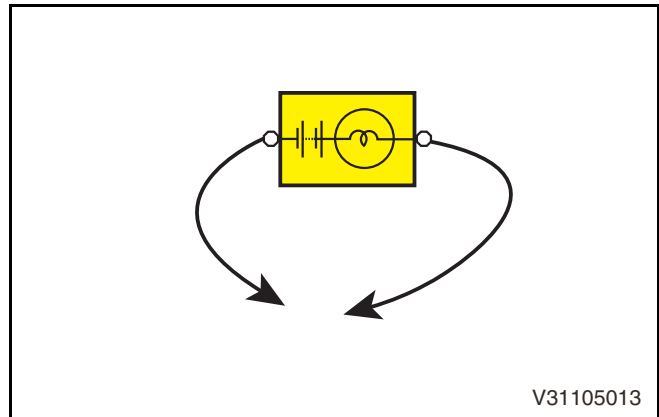


We can check circuit condition with voltmeter and test lamp, check for voltage, test lamp consists of a pair of wires and 12V light bulb. When inspection, one wire to ground and the other one connected to a measurement point. If the light bulb light up, it means measurement point with the power supply.

⚠ WARNING: When checking the voltage of the electronic control module, using test lamp to check module circuit is prohibited, it might damage the circuit inside the module. Must use the 10MΩ or higher internal resistance digital voltmeter to check (such as check the circuit voltage of ECM) .

How to use voltmeter is the same to test lamp, the difference is voltmeter could indicate the current voltage. When checking voltage with voltmeter, we should use high resistance voltmeter, when wire connection have the virtual connection, the voltmeter indicate voltage normal, but this voltage can not successfully driven load working normal.

2. Test lamp bring it own power supply and resistance meter.



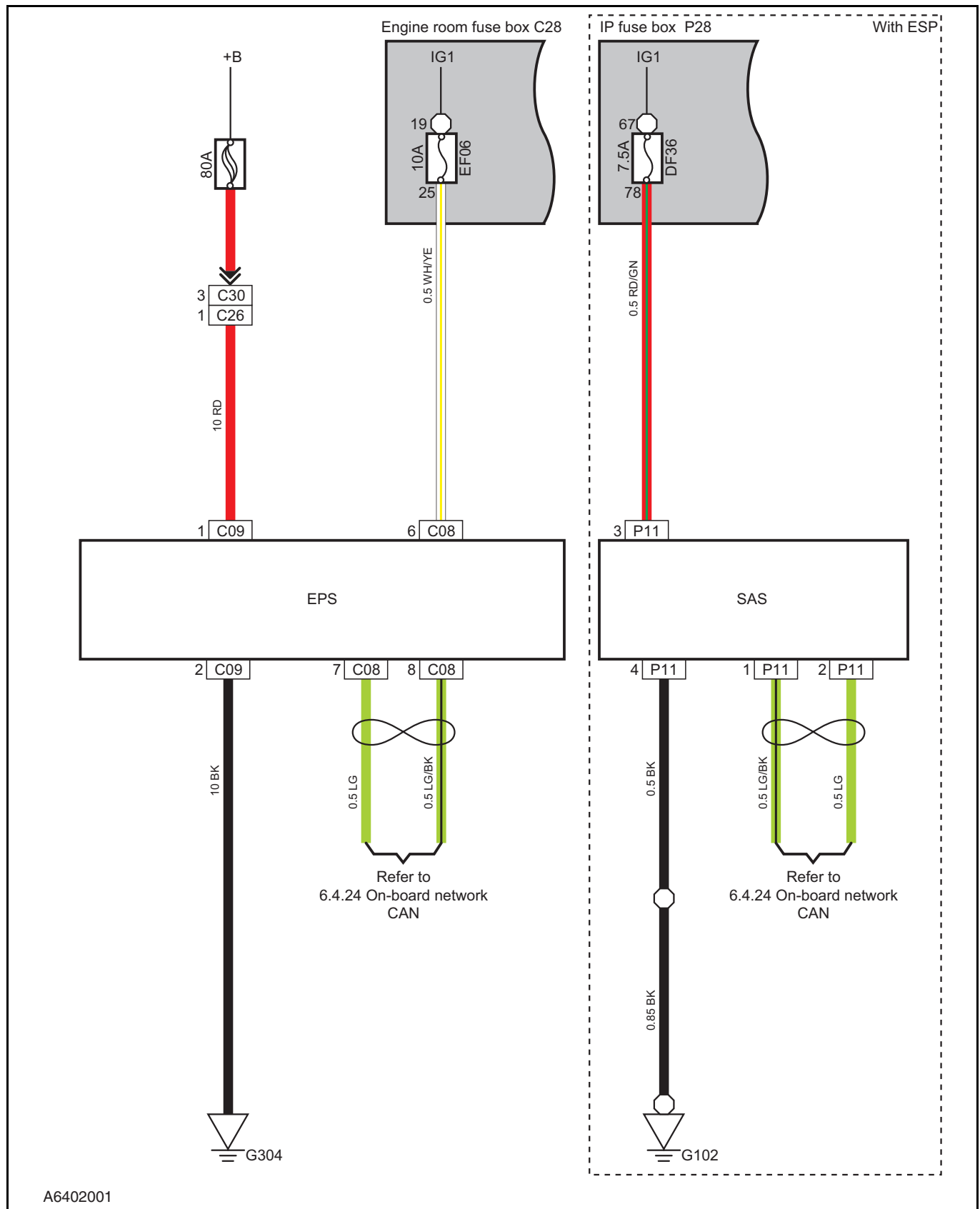
Use test lamp bring it own 12V power supply or resistance meter to check circuit conduction or not. Test lamp bring it own power supply is composed of light bulb, battery and two wires, when the two wires are connected the light bulb light up. Before inspection, should disconnect the battery negative electrode wire and pull out the circuit fuse. Using two test lamp wires respectively connect to two measurement point which need to check the conduction, if the test lamp light up normally, the conduction of the circuit is normal.

⚠ WARNING: When check circuit module, use test lamp bring it own power supply is prohibited, it might damage the internal circuit module. Must use the 10MΩ or higher internal resistance digital resistance meter to check.

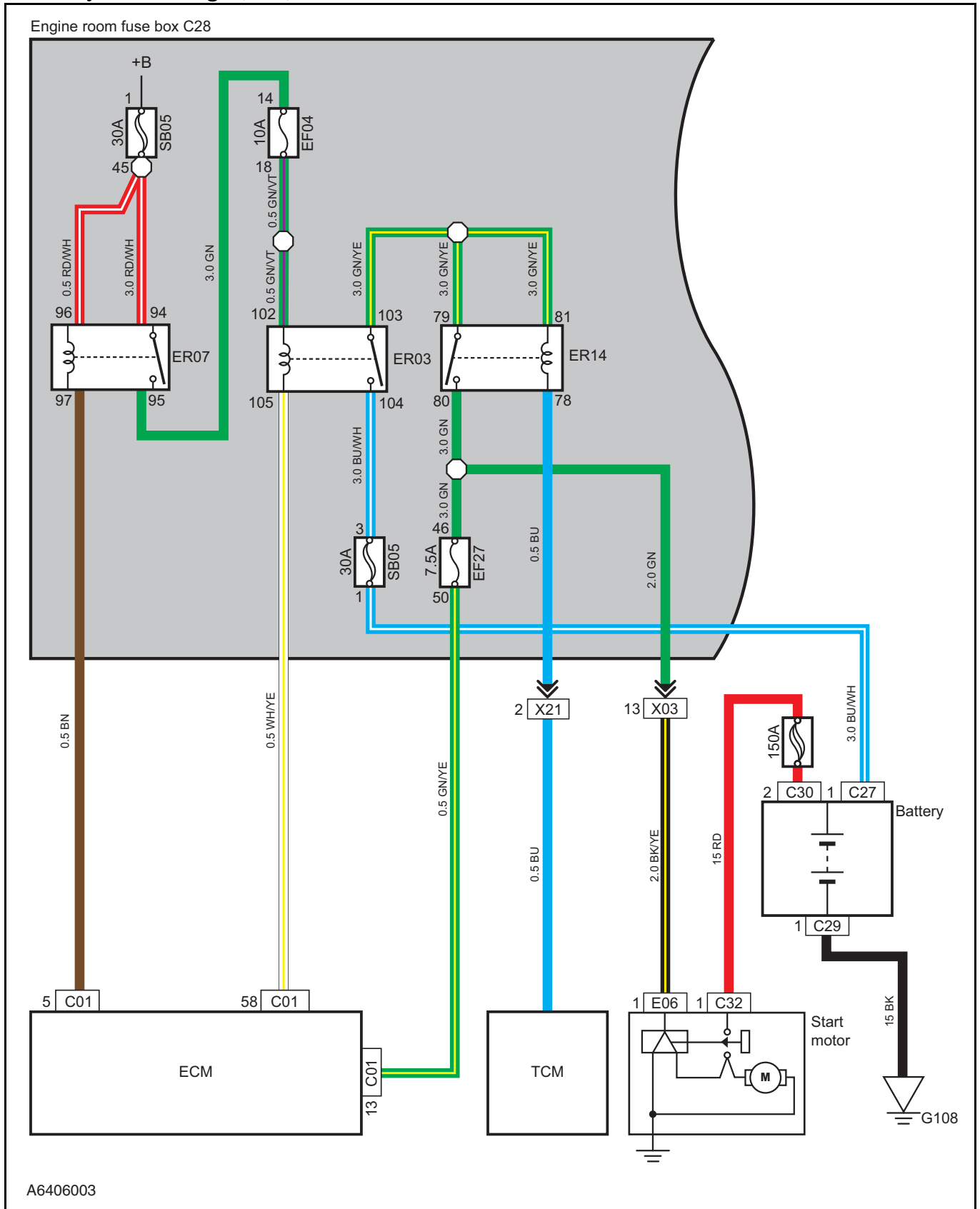
How to use resistance meter is the same to voltmeter, but resistance meter could indicate the current resistance value, the resistance indicate lower the conduction better.

6.4.2 Steering System

EPS



Non-key starting (DCT)



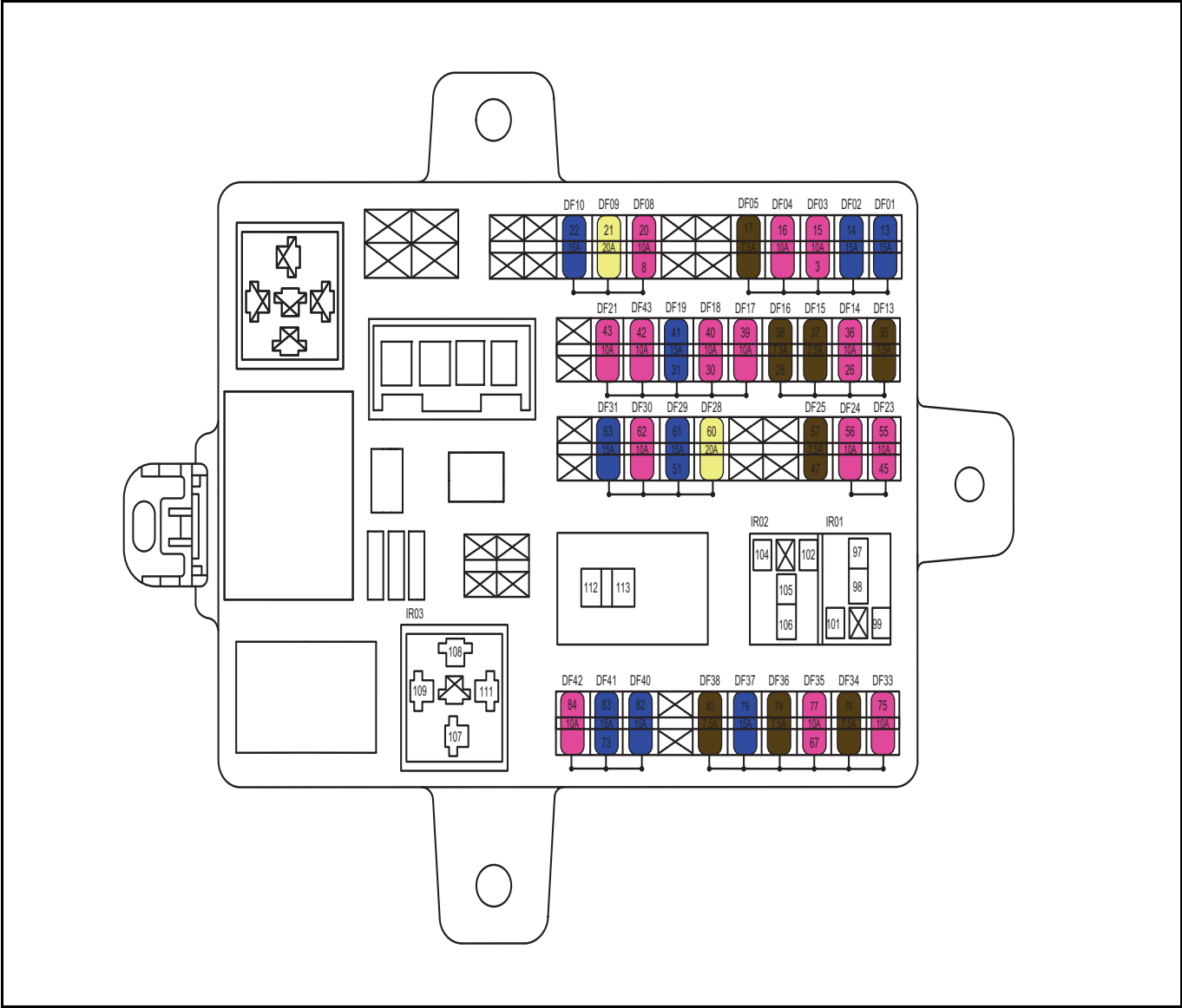
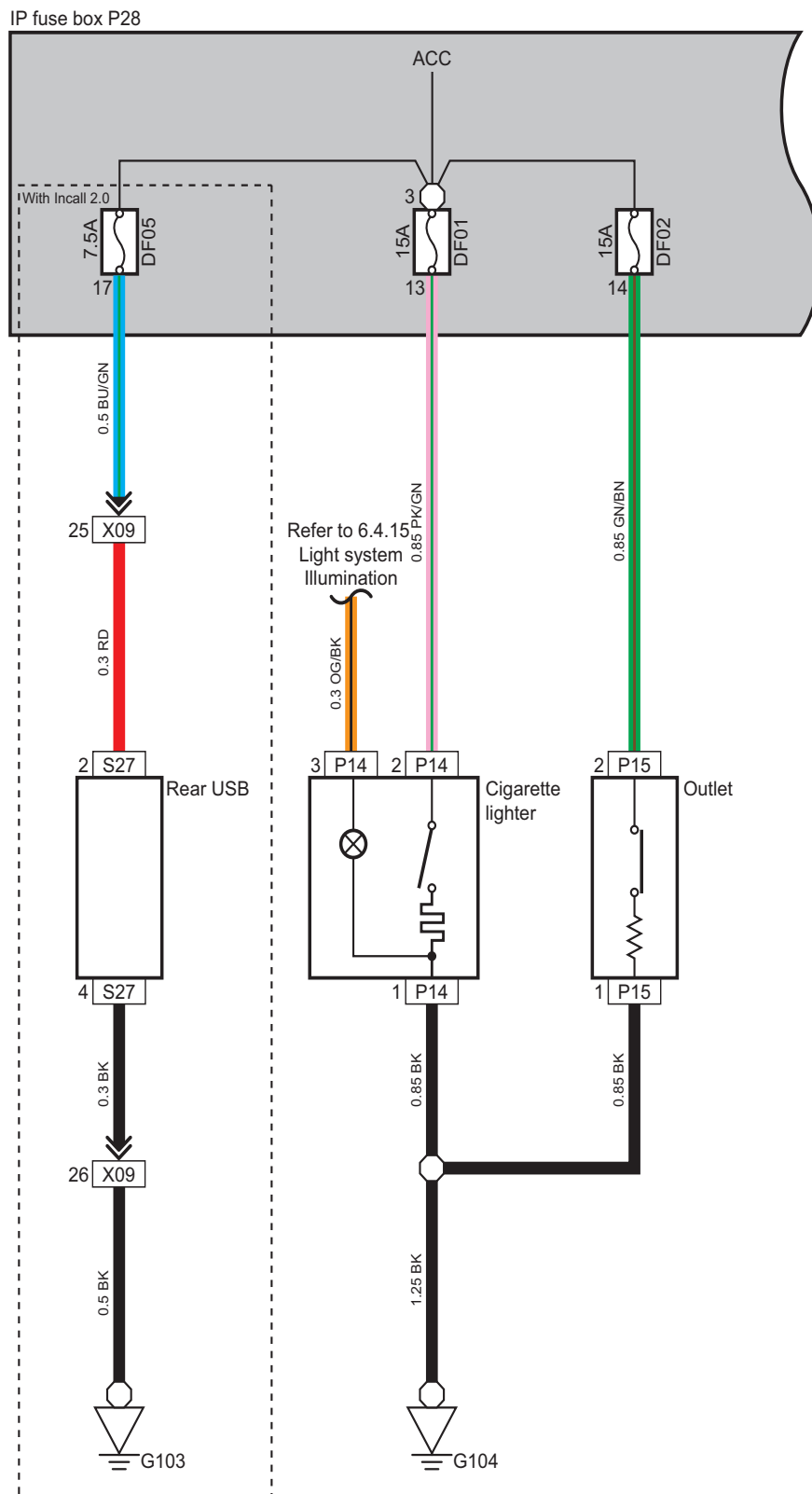


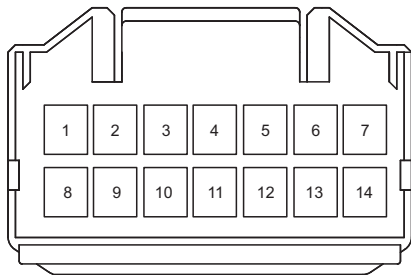
Table 2: P28 IP fuse box

 注意: Details of the electrical Center, please see the 6.5 fuse, relay information. .

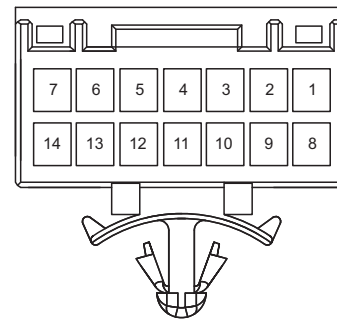
6.4.13 Cigarette Lighter & Vehicle Power Supply & USB



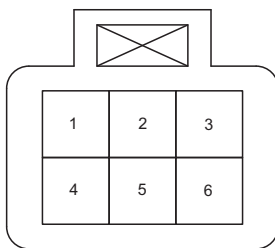
A6413001



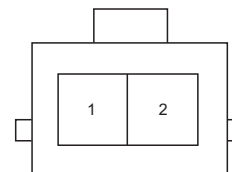
X19 Back door wire harness to the back door transfer harness



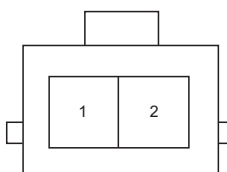
X19 Back door transfer wire harness to the back door harness



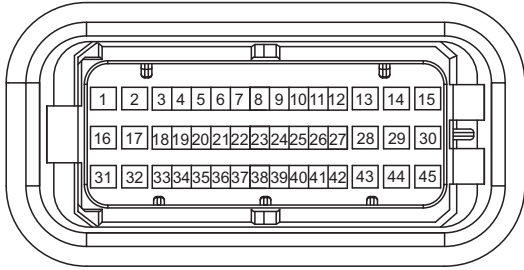
C16 Front wiper motor



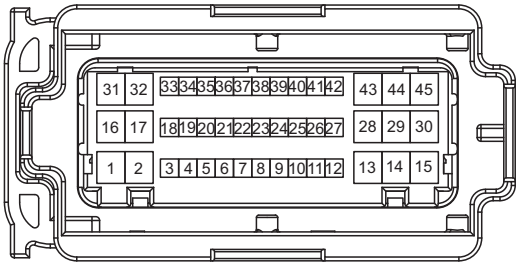
C22 Front washer motor



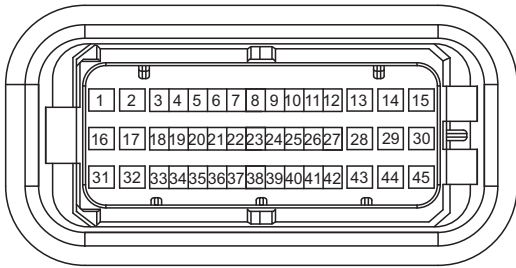
C20 Rear washer motor



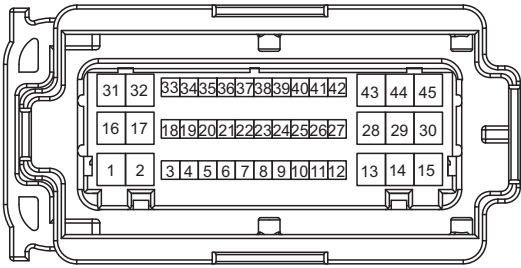
X12 Body wire harness to the door_RF harness



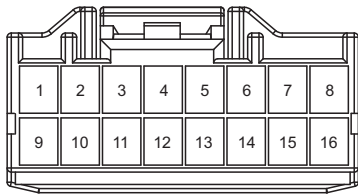
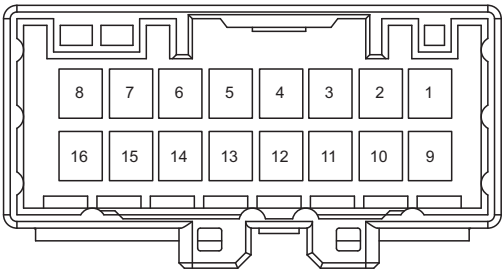
X12 Door_RF wire harness to the body harness



X13 Body wire harness to the door_LF harness

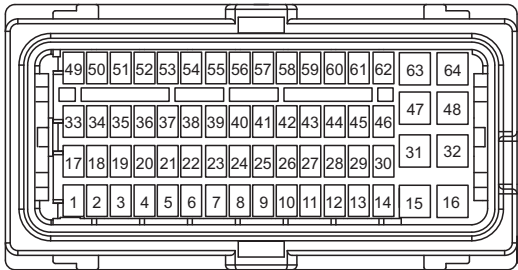


X13 Door_LF wire harness to the body harness

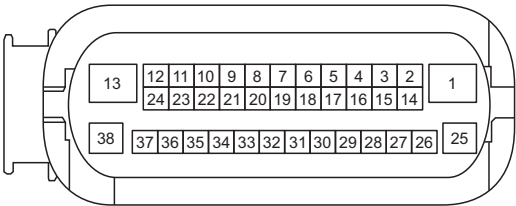


X01 IP wire harness to the left of the engine room harness 2

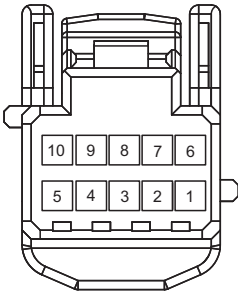
X01 Engine room wire harness to the left side of the IP harness 2



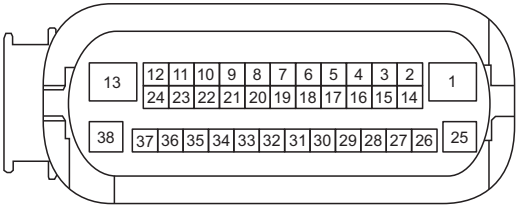
C01 ECM



C24 ABS

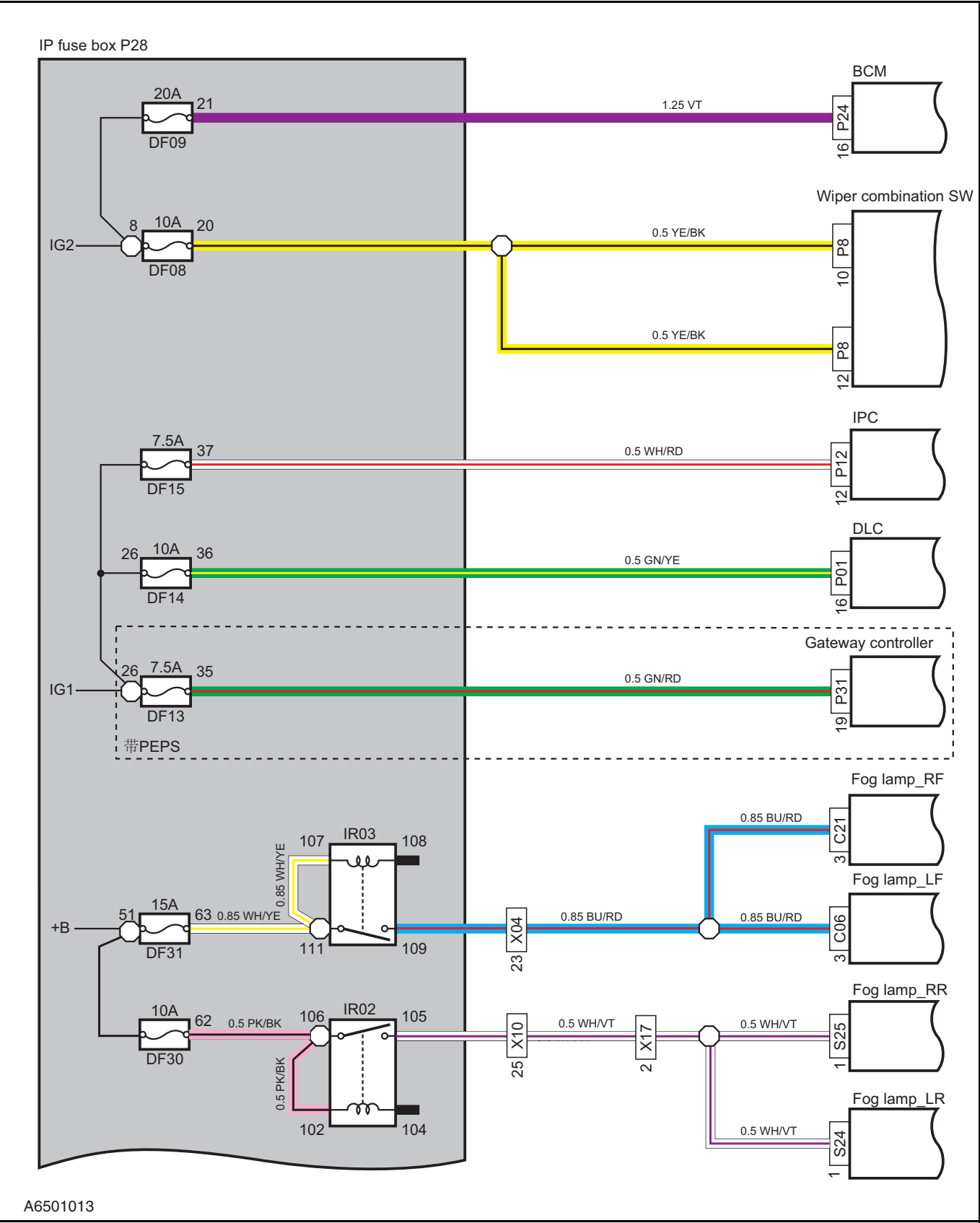


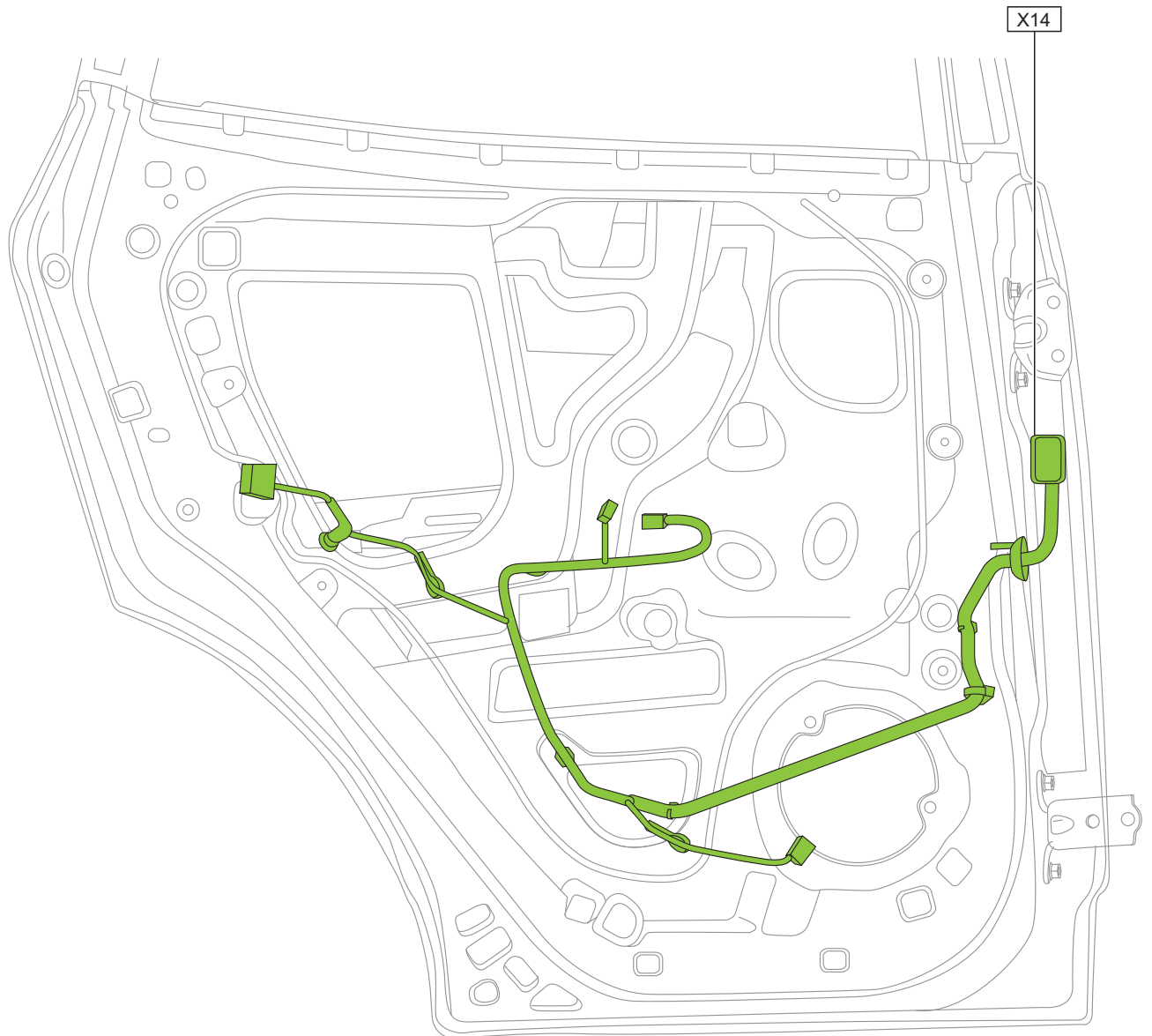
C08 EPS



C24a ESP

DF08 DF09 DF13 DF14 DF15 DF30 DF31





A6801008

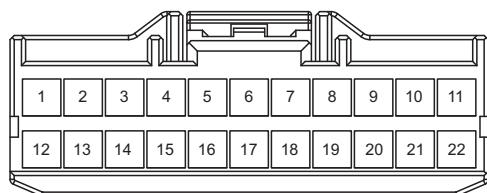
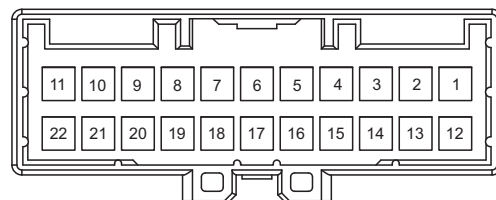
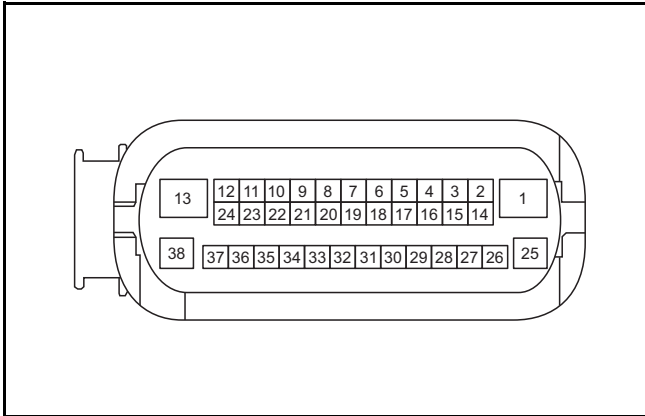


Table 5: X05 Engine room wire harness to the right side of the IP harness

Item#	Color		Function	Remarks
	Engine room harness	IP harness		
1	GN/YE	GN/YE	Turn singal lamp RH	—
2	—	—	—	—
3	OG/GN	OG/GN	Rear wiper and washer switch	—
4	WH/BU	WH/BU	Front wiper and washer switch	—
5	GN/RD	GN/RD	Clutchswitch inputsignal	With M/T & PEPS
6	YE/GN	YE/GN	Elevator delayrelay control	—
7	OG/WH	OG/WH	Lighting angle switch RF signal	—
8	OG/BU	OG/BU	Clutch switch input signal	With M/T & PEPS
9	—	—	—	—
10	GN/WH	GN/WH	Pessanger front impct sensor power signal	—
11	GN/WH	GY/OG	Pessanger front impct sensor GND signal	—
12	OG	OG	Charging indicator light signal	—
13	—	—	—	—

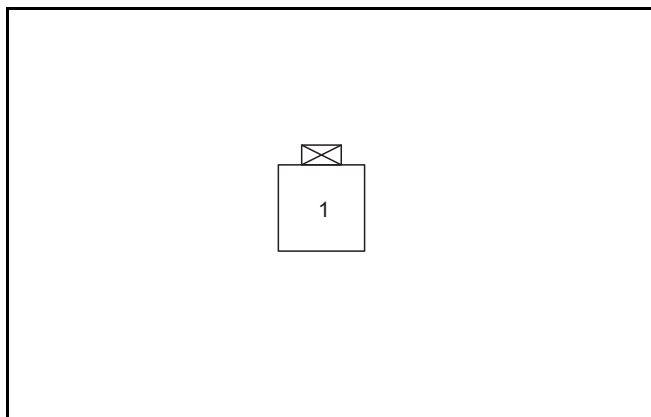
**Table 47: C24 ABS**

Item#	Color	Function	Remarks
1	WH	Power	—
2	—	—	—
3	—	—	—
4	BU/RD	WSS RF power signal	—
5	—	—	—
6	—	—	—
7	—	—	—
8	OG	WSS LF power signal	—
9	—	—	—
10	—	—	—
11	—	—	—
12	—	—	—
13	BK	GND	—
14	LG/BK	CAN-L	—
15	—	—	—
16	BU/GN	WSS RF GND signal	—

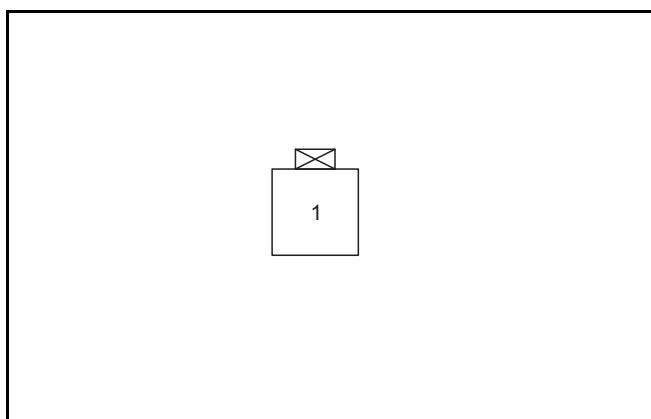
Table 47: C24 ABS

Item#	Color	Function	Remarks
17	GN/YE	WSS RR GND signal	—
18	YE/BK	WSS LR power signal	—
19	OG/BK	WSS LF GND signal	—
20	—	—	—
21	—	—	—
22	—	—	—
23	—	—	—
24	—	—	—
25	RD	Solenoid valve power	—
26	LG	CAN-H	—
27	—	—	—
28	WH/YE	Ignition switch power (IG1)	—
29	GN/RD	WSS RR power signal	—
30	OG/GN	Stop lamp switch signal	—
31	YE	WSS LR GND signal	—
32	—	—	—
33	—	—	—
34	—	—	—
35	—	—	—
36	—	—	—
37	—	—	—
38	BK	GND	—

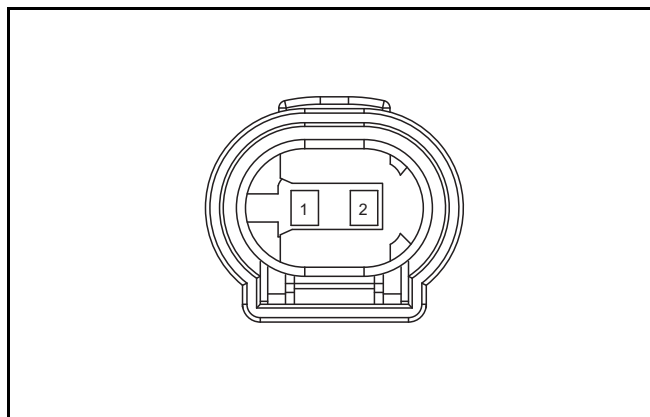
S0 — Floor wire harness

**Table 127: S01 Door lamp SW RF**

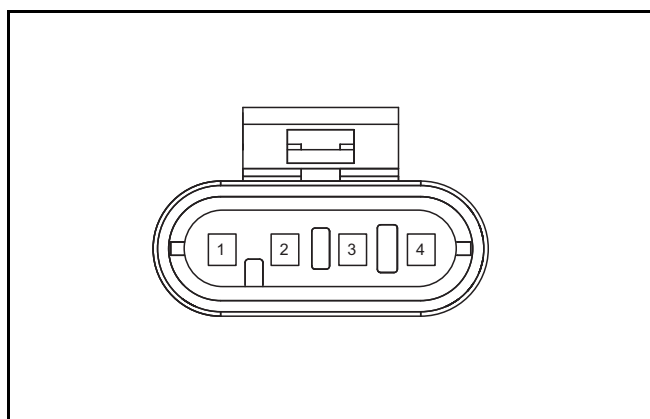
Item#	Color	Function	Remarks
1	OG/WH	Door switch RFsignal	—

**Table 128: S02 Door lamp SW RR**

Item#	Color	Function	Remarks
1	VT/BK	Door switch RRsignal	—

**Table 129: S03 WSS RR**

Item#	Color	Function	Remarks
1	GN/RD	WSS RR power signal	—
2	GN/YE	WSS RR GND signal	—

**Table 130: S04 Combined lamp RR**

Item#	Color	Function	Remarks
1	GN/YE	Turn signal lamp	—
2	OG/GN	Stop lamp	—
3	BU	Position lamp	—
4	BK	GND	—