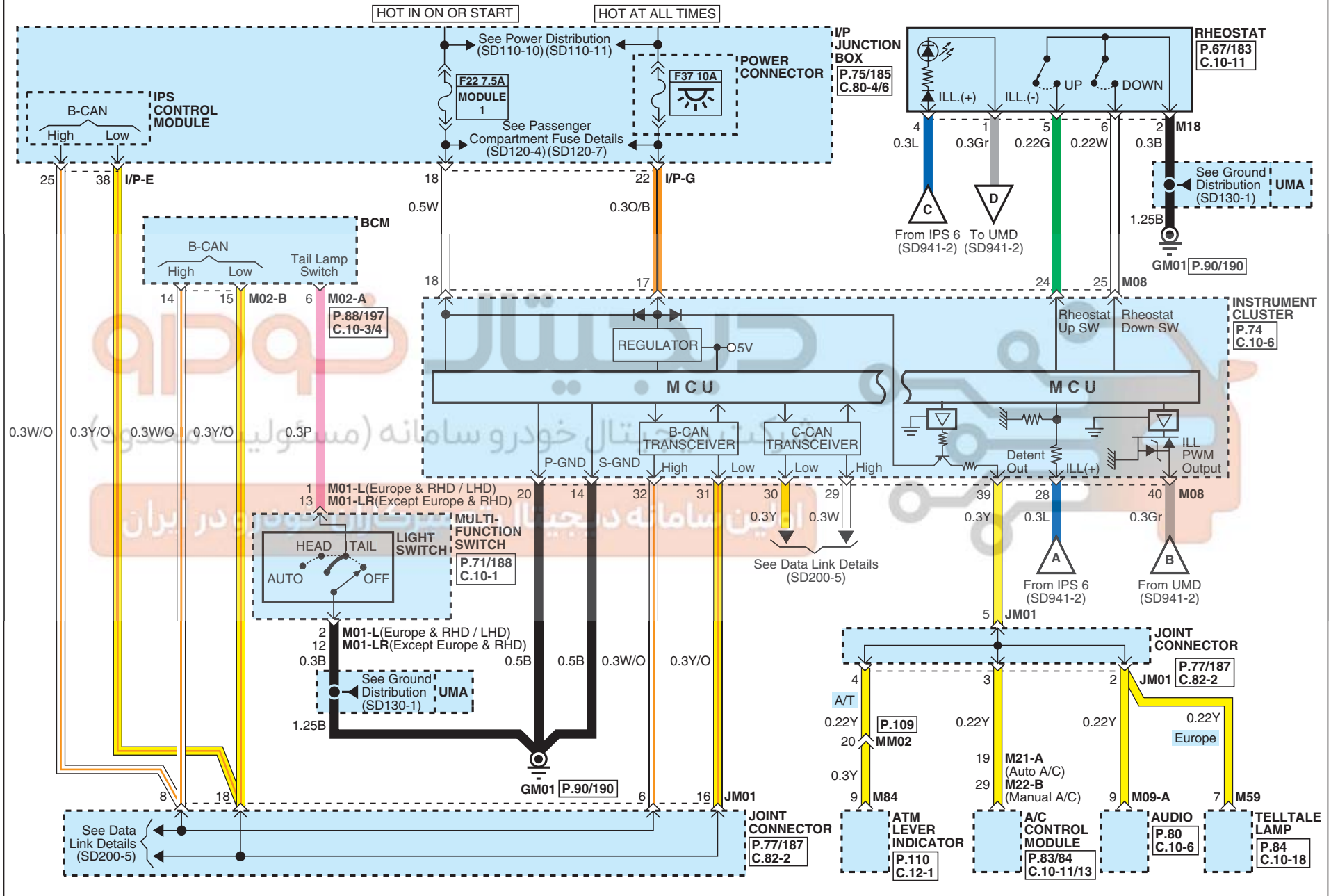


Illuminations (1)

SD941-1



SD941-2



Illuminations (3)

SD941-3

TABLE

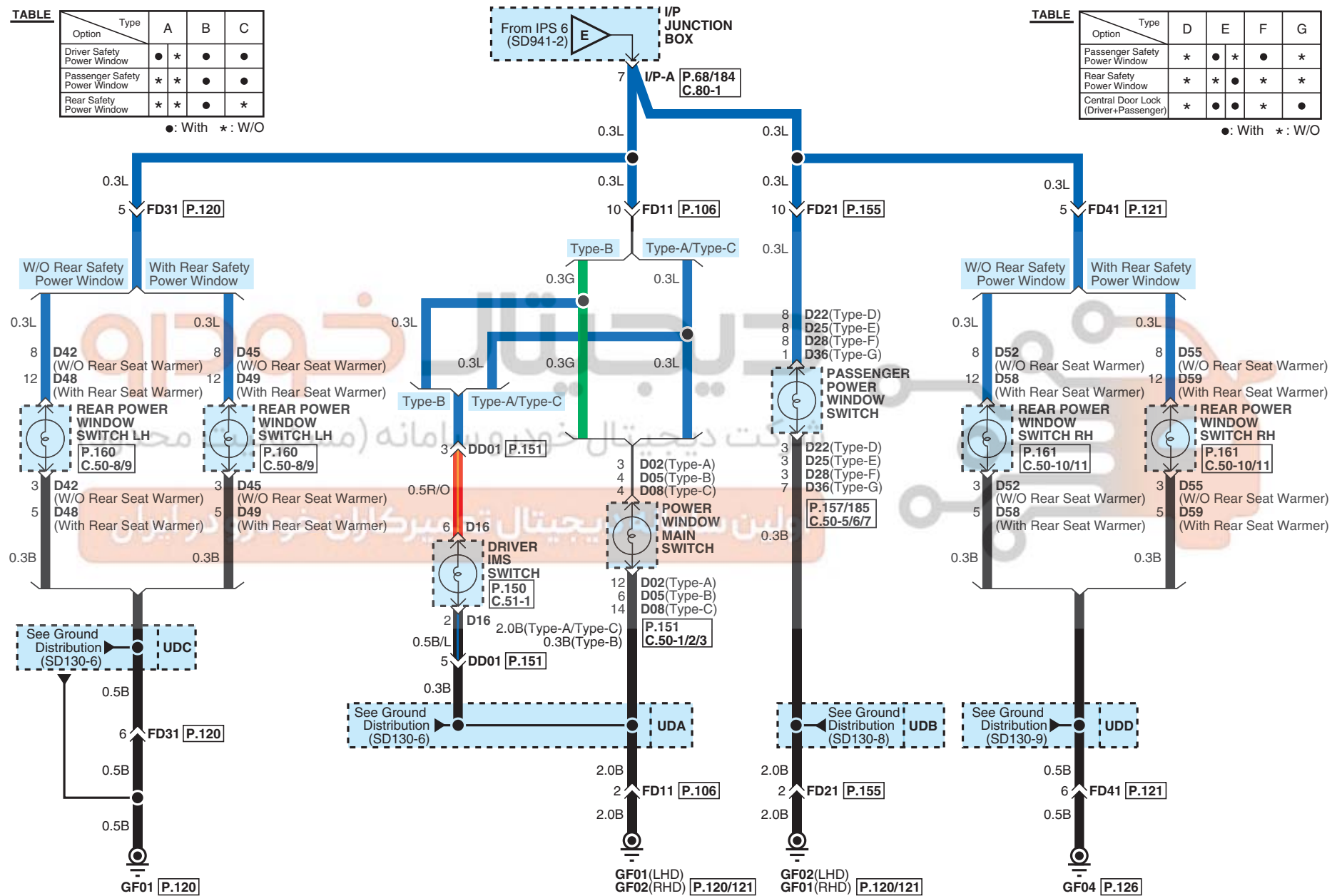
Option \ Type	A	B	C
Driver Safety Power Window	●	*	●
Passenger Safety Power Window	*	*	●
Rear Safety Power Window	*	*	*

●: With * : W/O

TABLE

Option \ Type	D	E	F	G
Passenger Safety Power Window	*	●	*	*
Rear Safety Power Window	*	*	●	*
Central Door Lock (Driver+Passenger)	*	●	●	●

●: With * : W/O



Illuminations

Service Tips (1)

Circuit Description

This is a device to help the driver find various switch positions quickly and conveniently during nighttime driving. With the ignition switch in the IG2 position or higher, rotate the light switch of the multifunction switch to the tail position or higher. BCM receive signal from the light switch and sends 'on' signal to IPS control module of I/P junction box through CAN. IPS control module controls IPS 6 to apply constant power. The applied constant power passes through the IPS 6 and supplied to various illuminations for lighting. This circuit use rheostat and there are 2 type of parts. type 1 is adjustable the brightness of the lamp, and type 2 is not adjustable. the parts list is shown below.

1. The parts which are adjustable brightness.

- 1) Instrument cluster (MCU controls Illuminations)
- 2) Rheostat (No. 4, 1)
- 3) Front seat warmer & CCS switch (No. 9, 1)
- 4) ATM lever indicator (No. 2, 1)
- 5) Console switch (No. 1, 8)
- 6) Cigarette lighter ILL. (No. 1, 2)
- 7) Crash pad switch (No. 1, 20)
- 8) A/V & navigation head unit (Europe: No. 7, 6/ Except Europe: No. 8, 17)
- 9) Audio (No. 8, 17)
- 10) A/C control module (Auto: No. 1, 20/ Manual: No. 2, 20)
- 11) Start stop button switch (No. 5, 9)
- 12) AUX & USB Jack (With navigation: No. 6, 11/ W/O navigation: No. 8, 9)
- 13) Multifunction switch (No. 3, 2)
- 14) Head lamp leveling device switch (LHD: No. 6, 2/ RHD: No. 1, 5)

2. The parts which are not adjustable the brightness.

- 1) Glove box lamp (No. 2, 1)
- 2) Driver IMS switch (No. 6, 2)
- 3) Power window main switch
(Type-A: No. 3, 12/ Type-B: No. 4, 6/ Type-C: No. 4, 14)

4) Passenger power window switch (Type-D, E, F: No. 8, 3/ Type-G: No. 1, 7)

5) Rear power window switch LH/ RH

(With rear seat warmer: No. 12, 5/ W/O rear seat warmer: No. 8, 3)

• Multifunction Switch Inspection

Check for continuity between terminals at each position of the multifunction switch. If it doesn't have continuity, replace the multifunction switch.

[Lighting switch]

Terminal Position	1 (13)	2 (12)	4 (10)	3 (11)
OFF				
Tail	○	○		
H/Lamp	○	○	○	
AUTO	○			○

※ () : Except Europe & RHD

• Rheostat Inspection

Check the rheostat on the crash pad switch. If it has fault, replace the rheostat.

Terminal Position	UP(+)	DOWN(-)	Information
2	○	○	GND
6	○	○	DOWN
5	○		UP
1	○	○	ILL.(-)
4	○	○	ILL.(+)