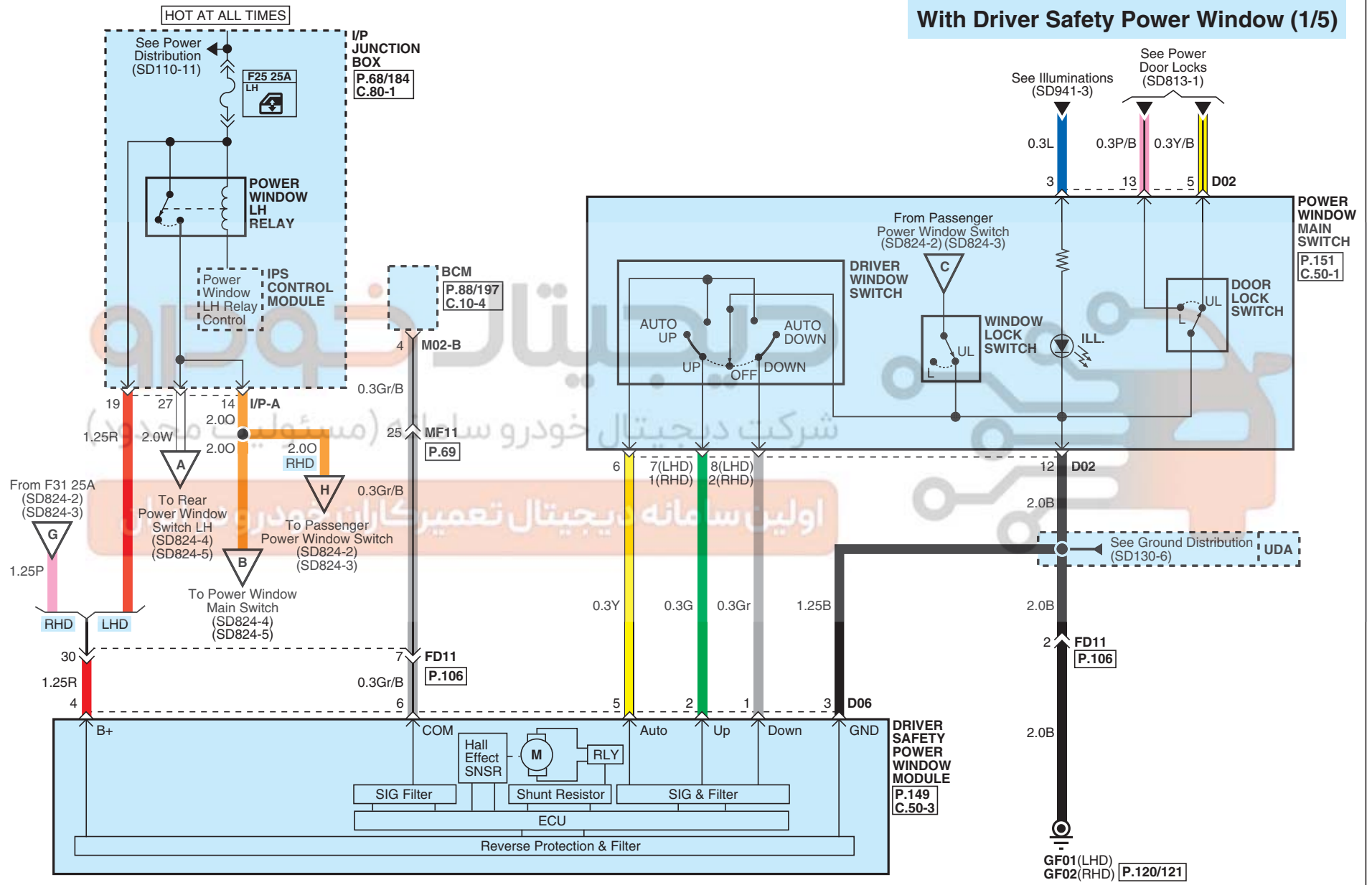
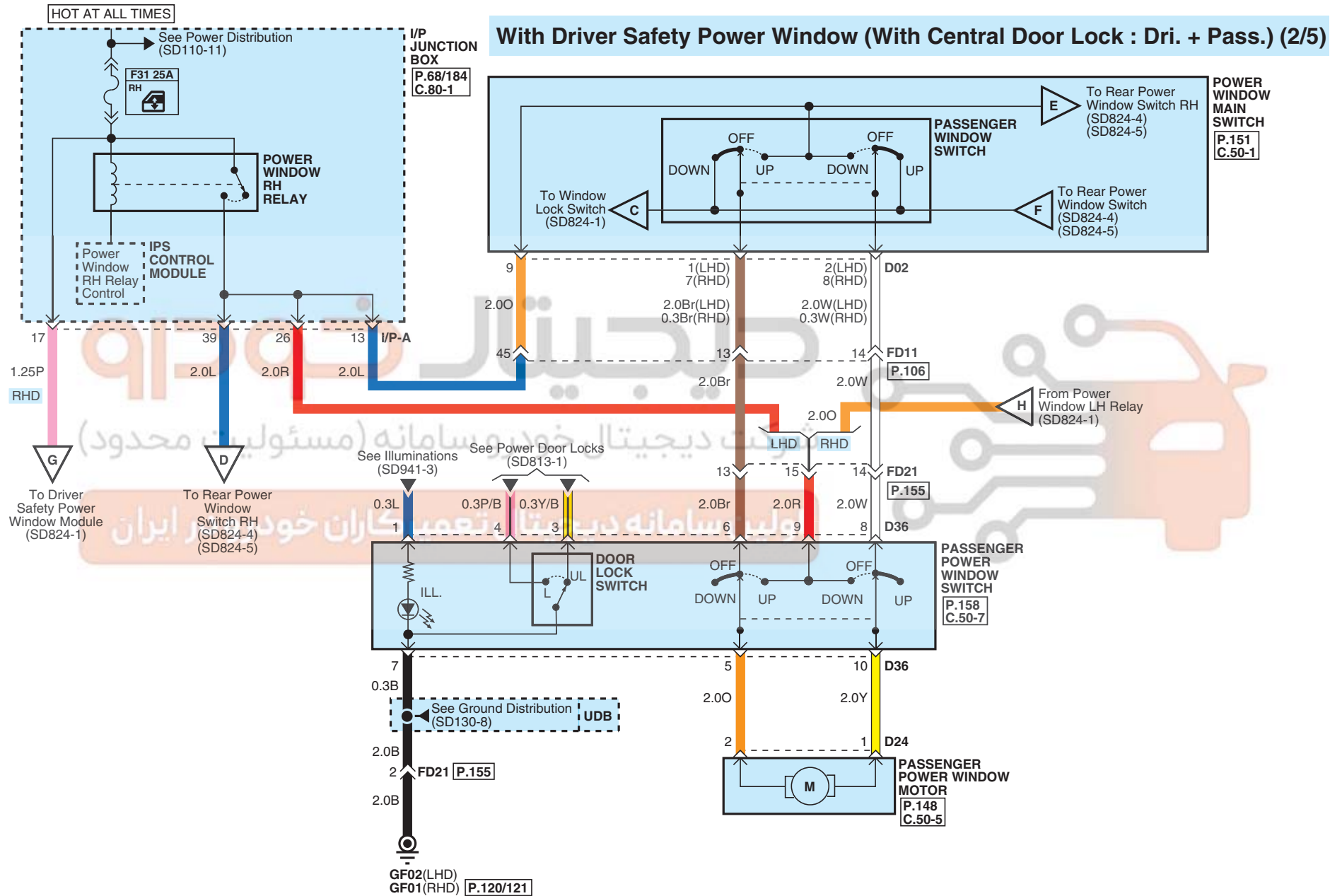
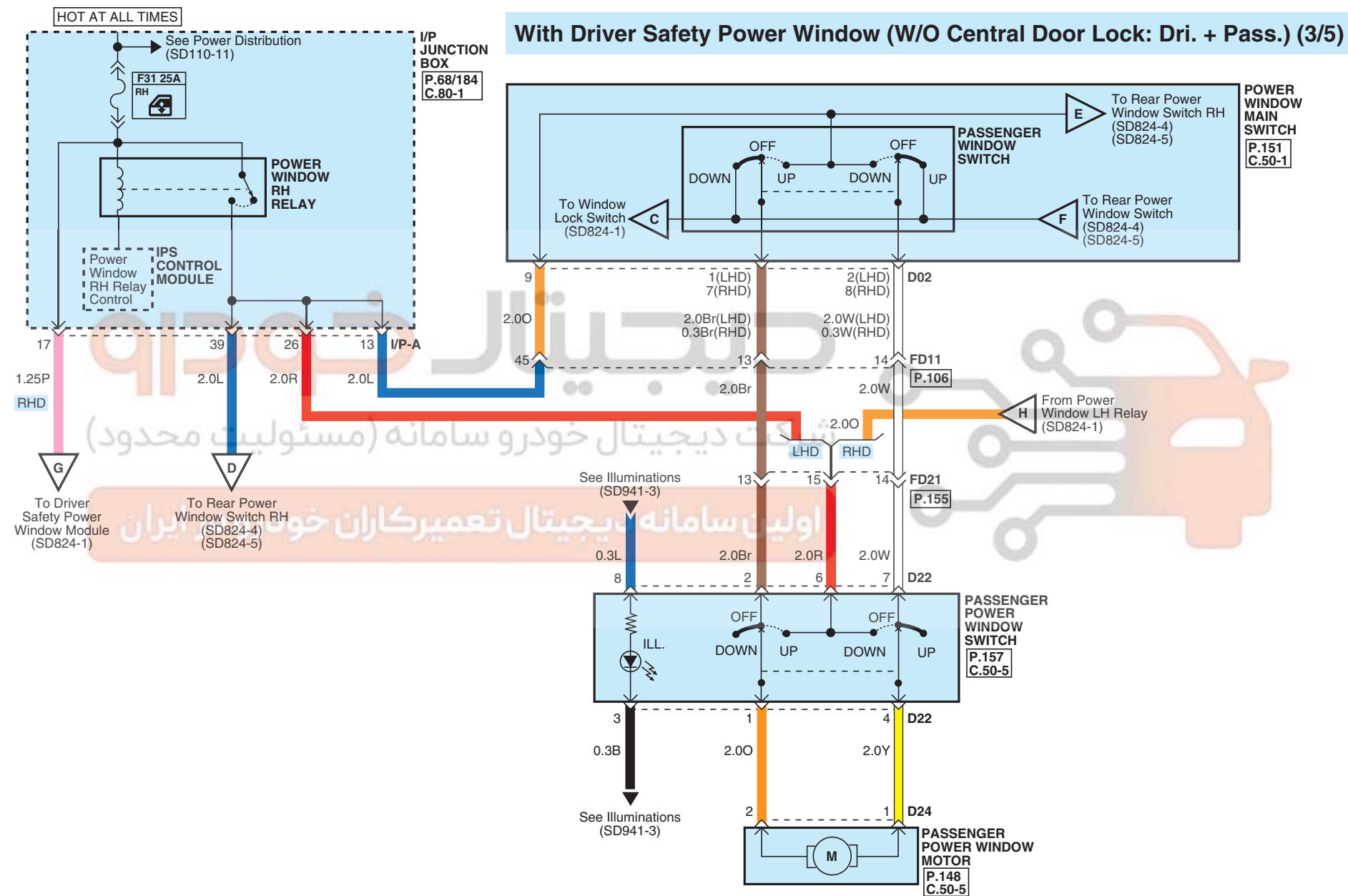
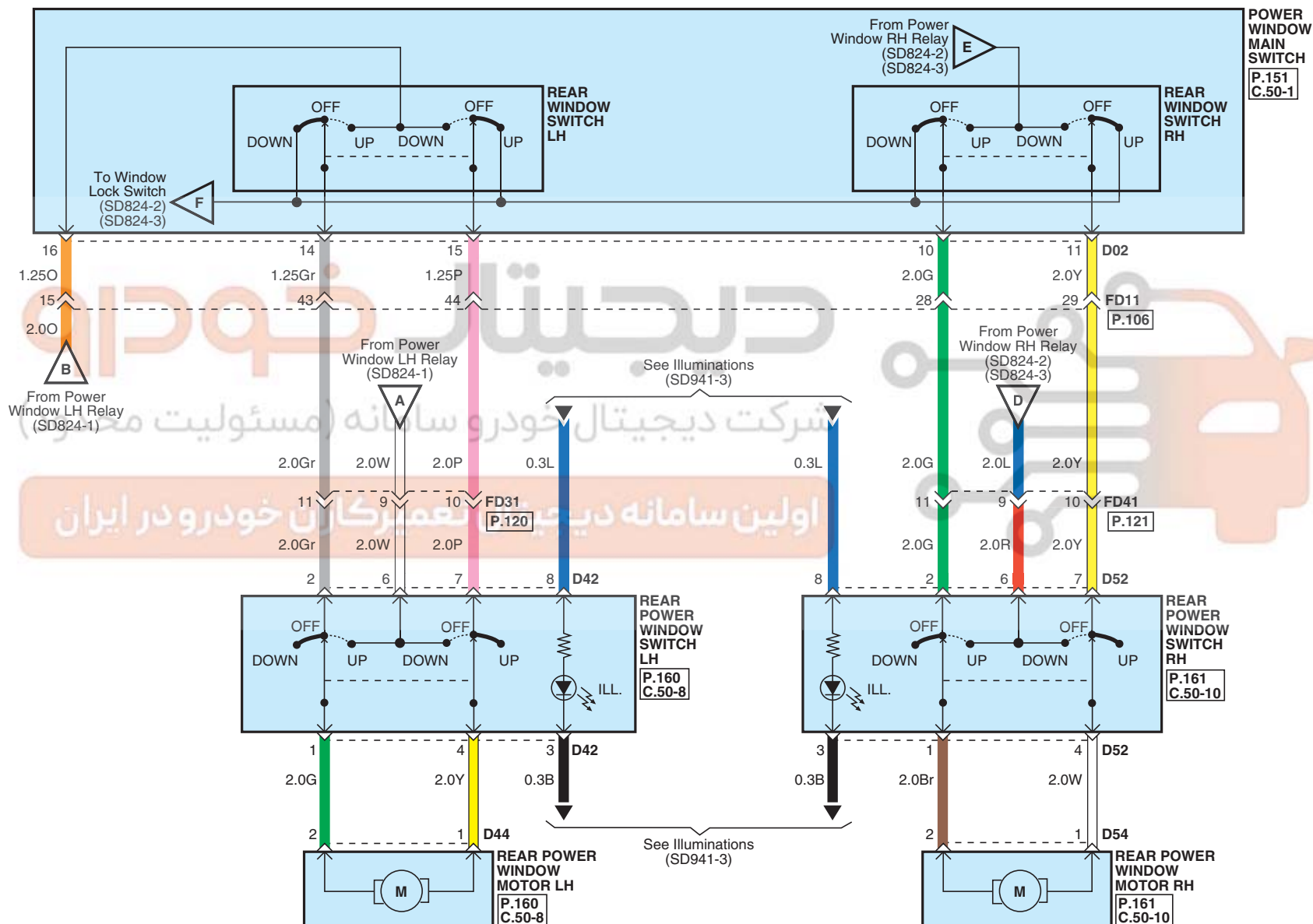




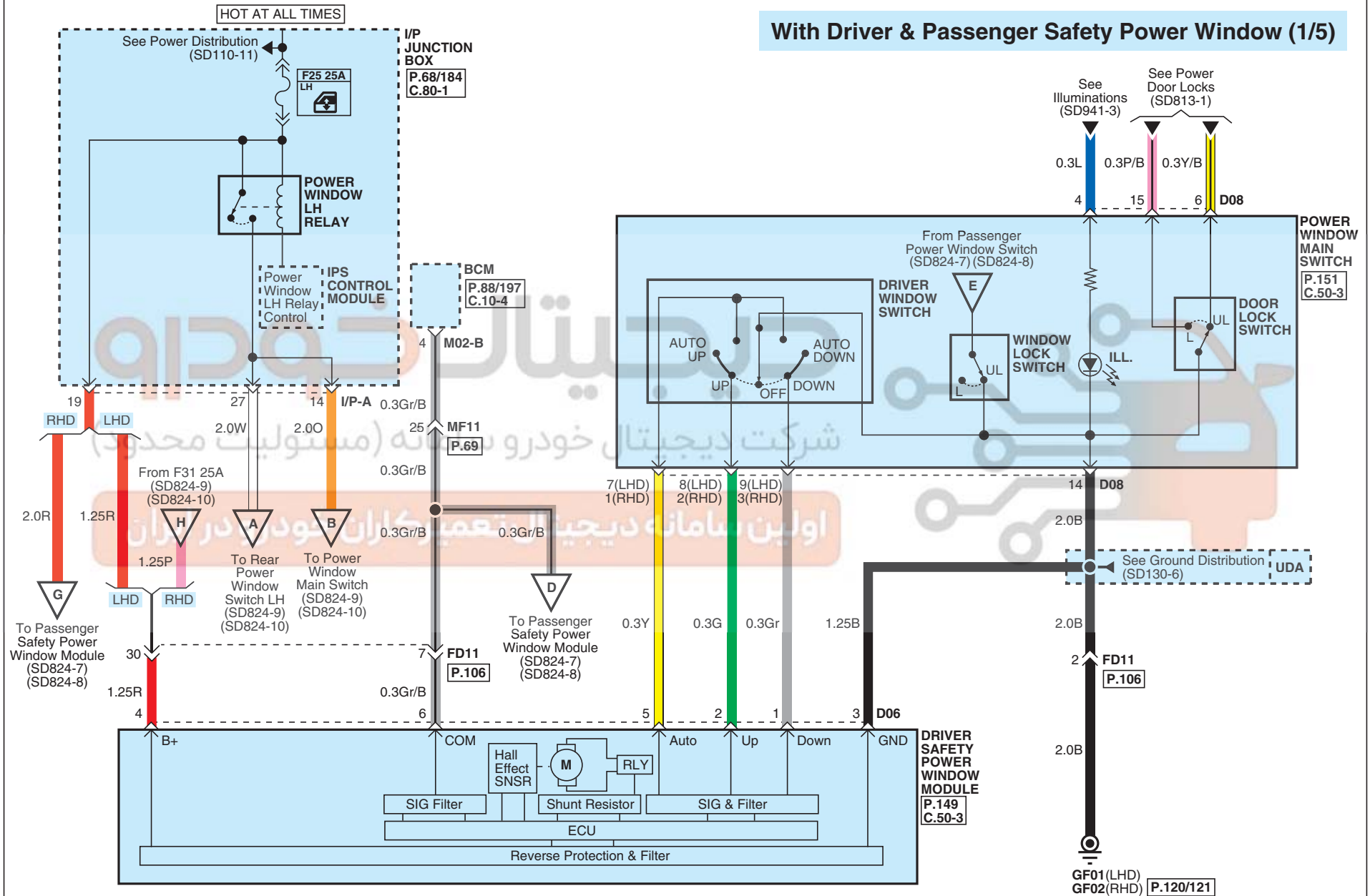




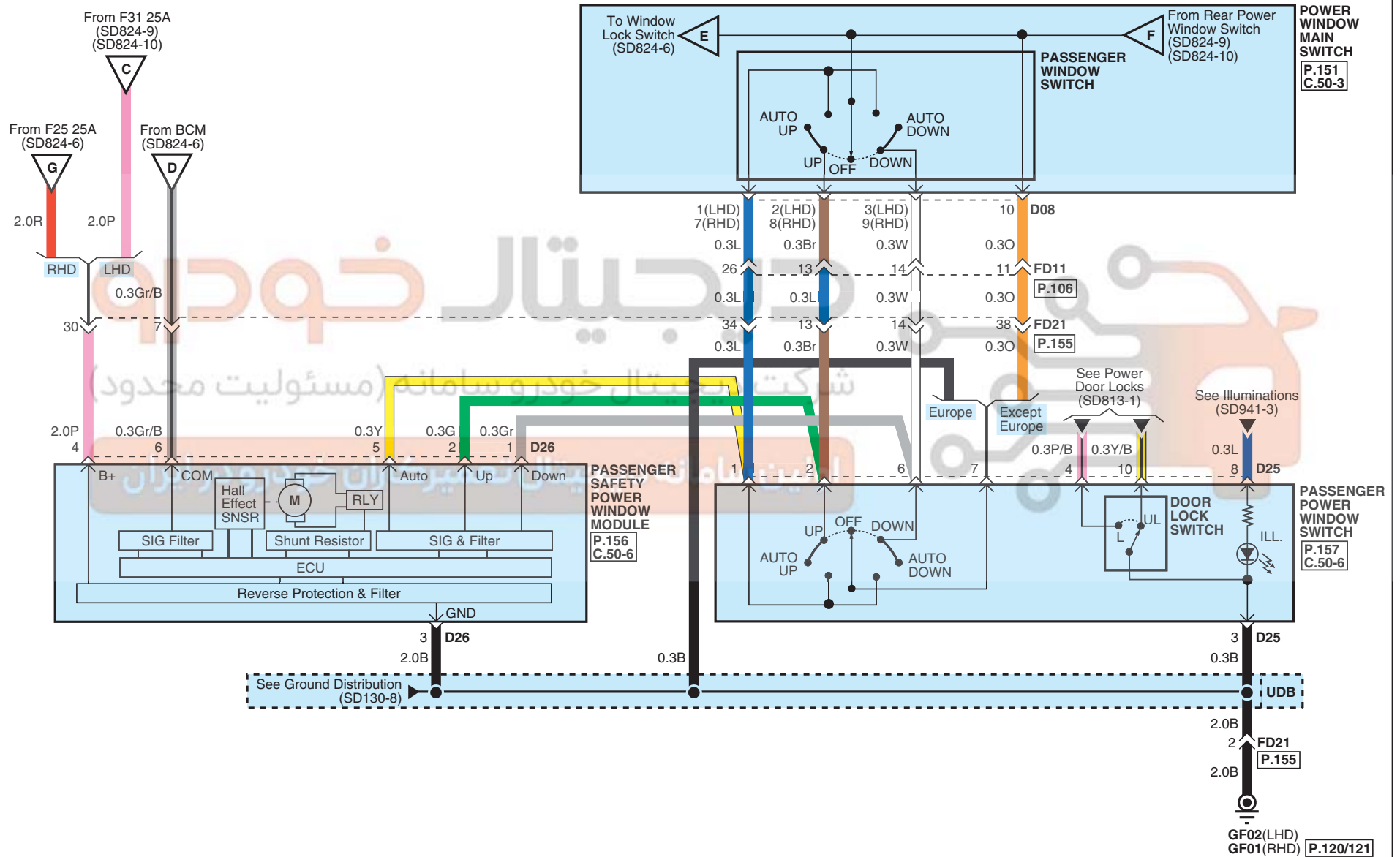
[illegible]



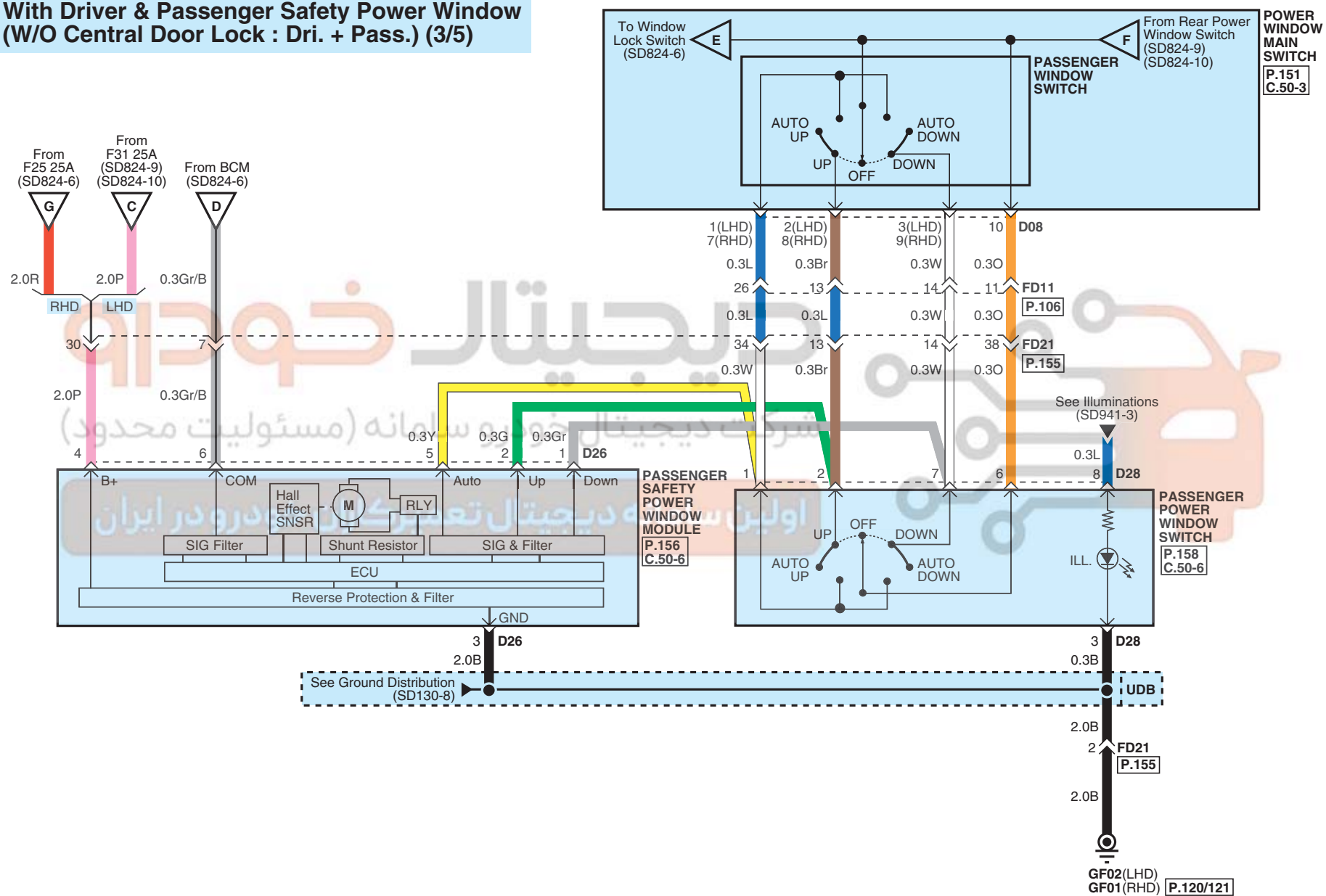
With Driver & Passenger Safety Power Window (1/5)



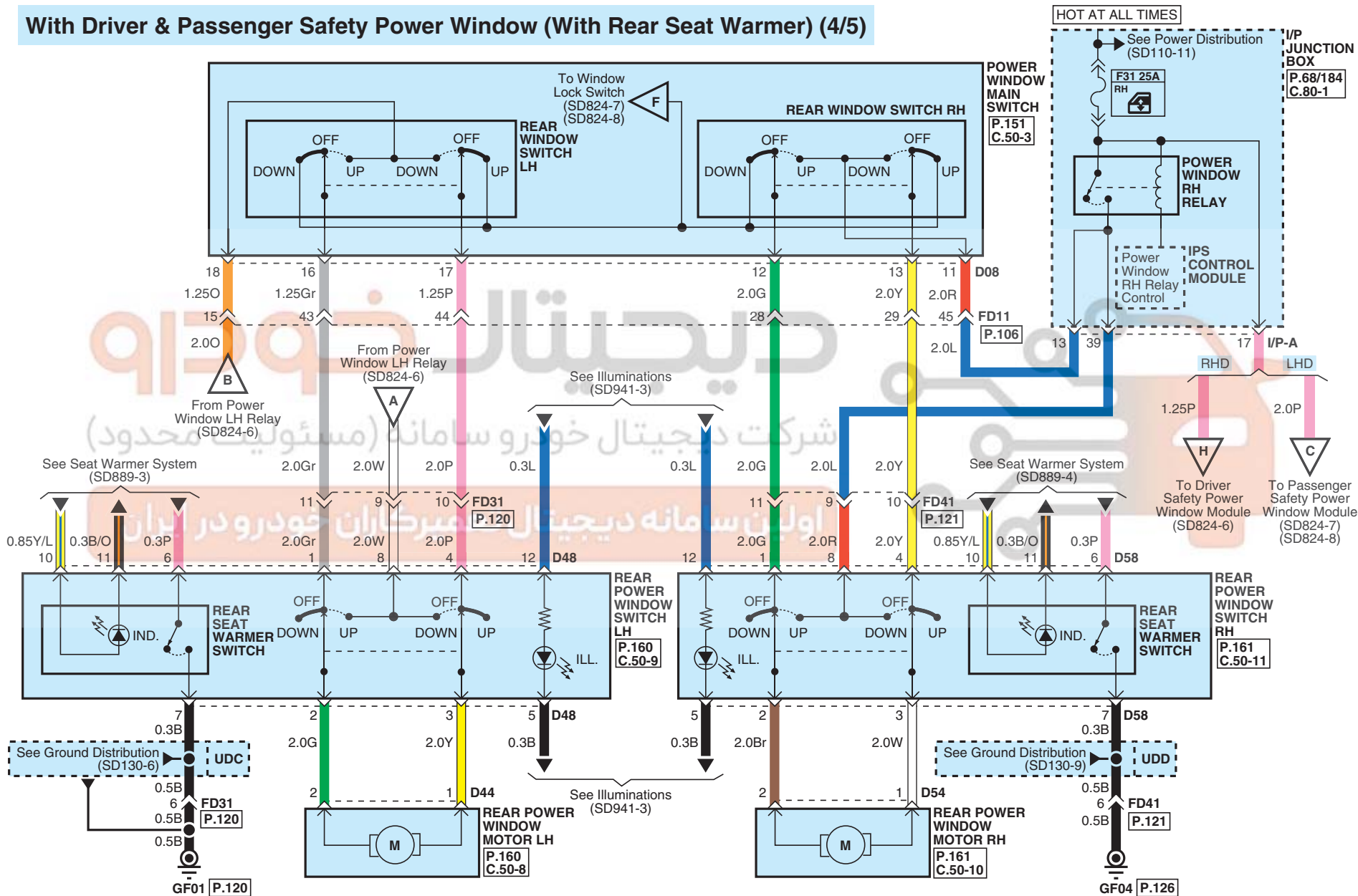
With Driver & Passenger Safety Power Window (With Central Door Lock : Dri. + Pass.) (2/5)



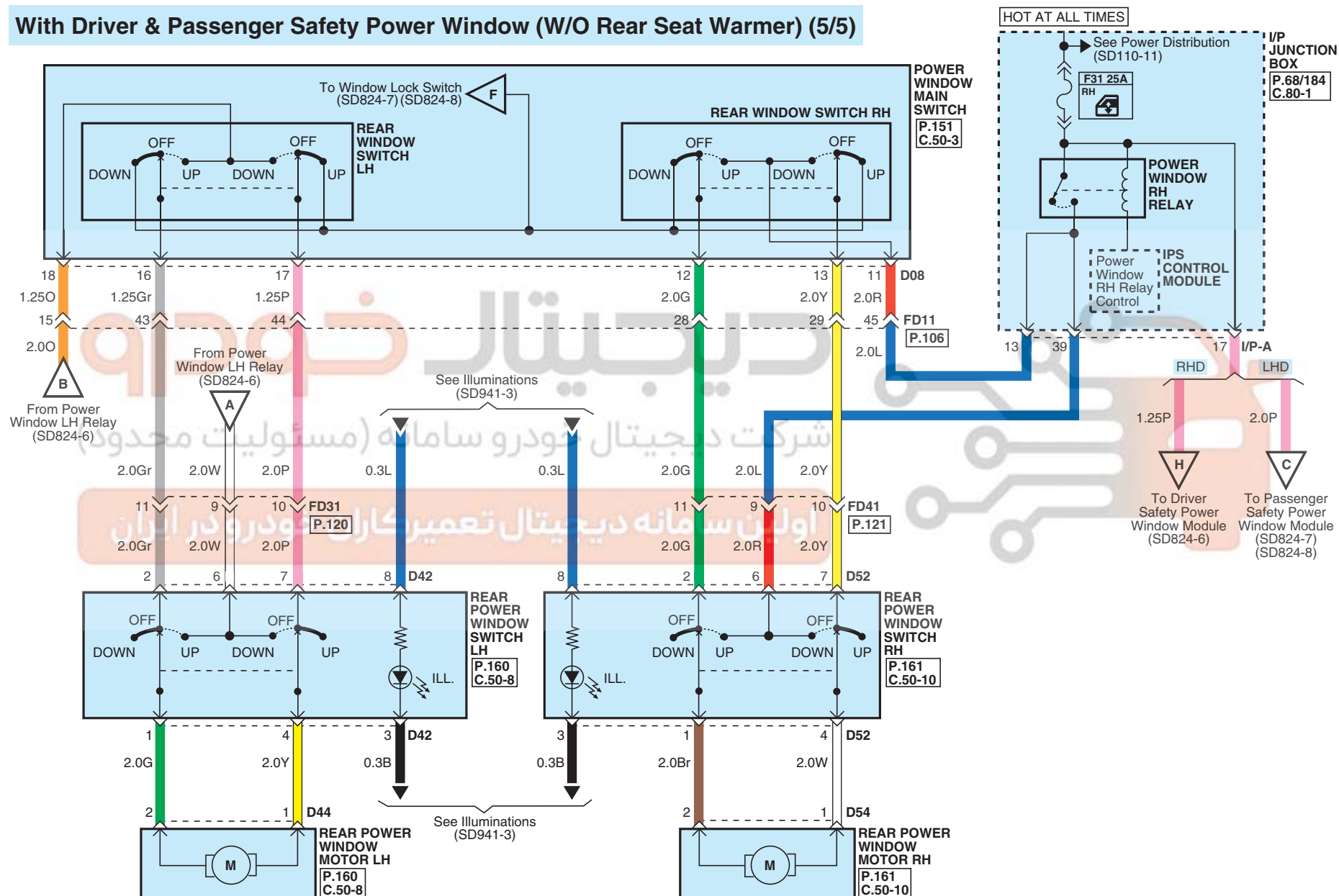
With Driver & Passenger Safety Power Window (W/O Central Door Lock : Dri. + Pass.) (3/5)



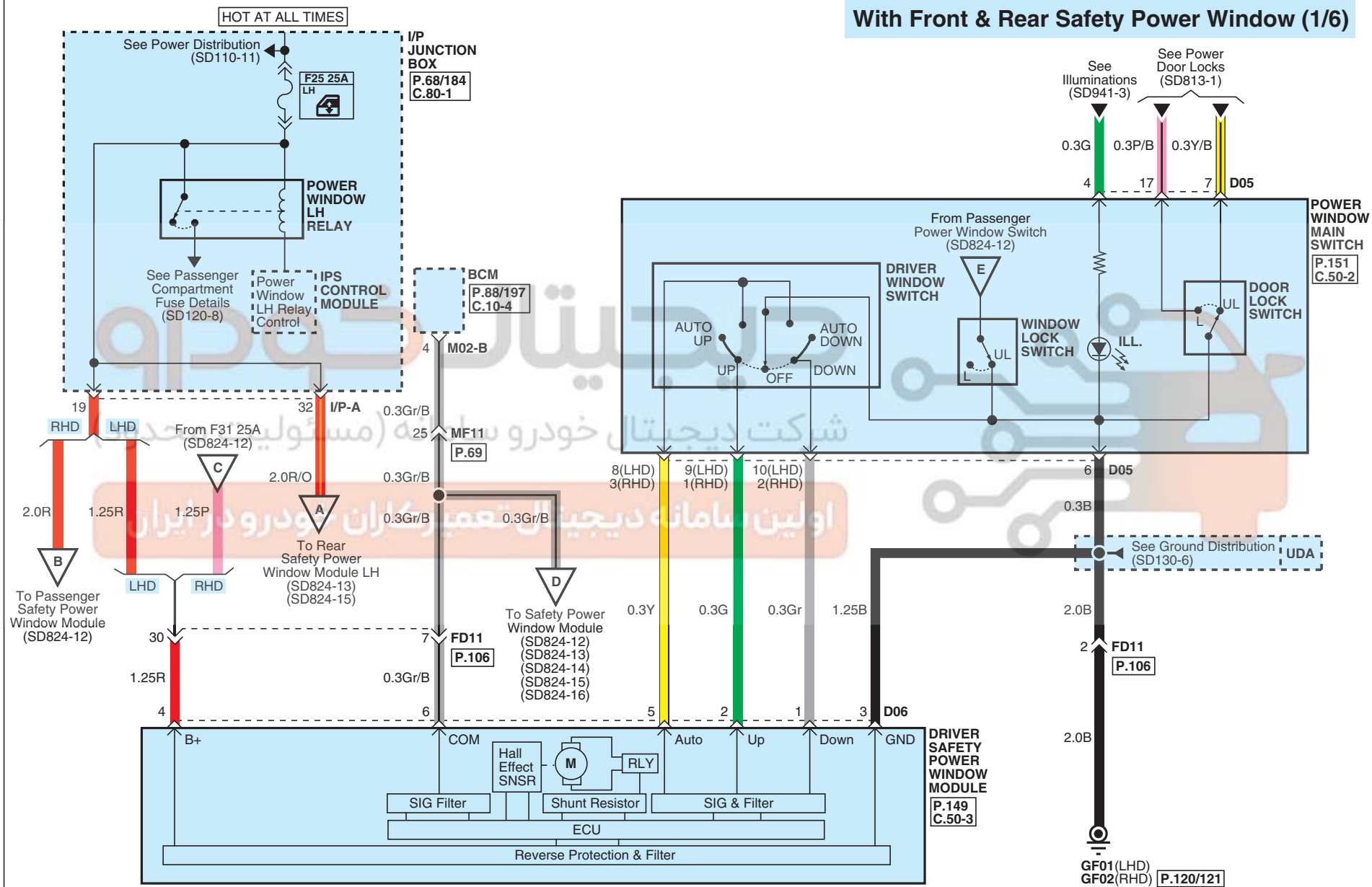
HOT AT ALL TIMES

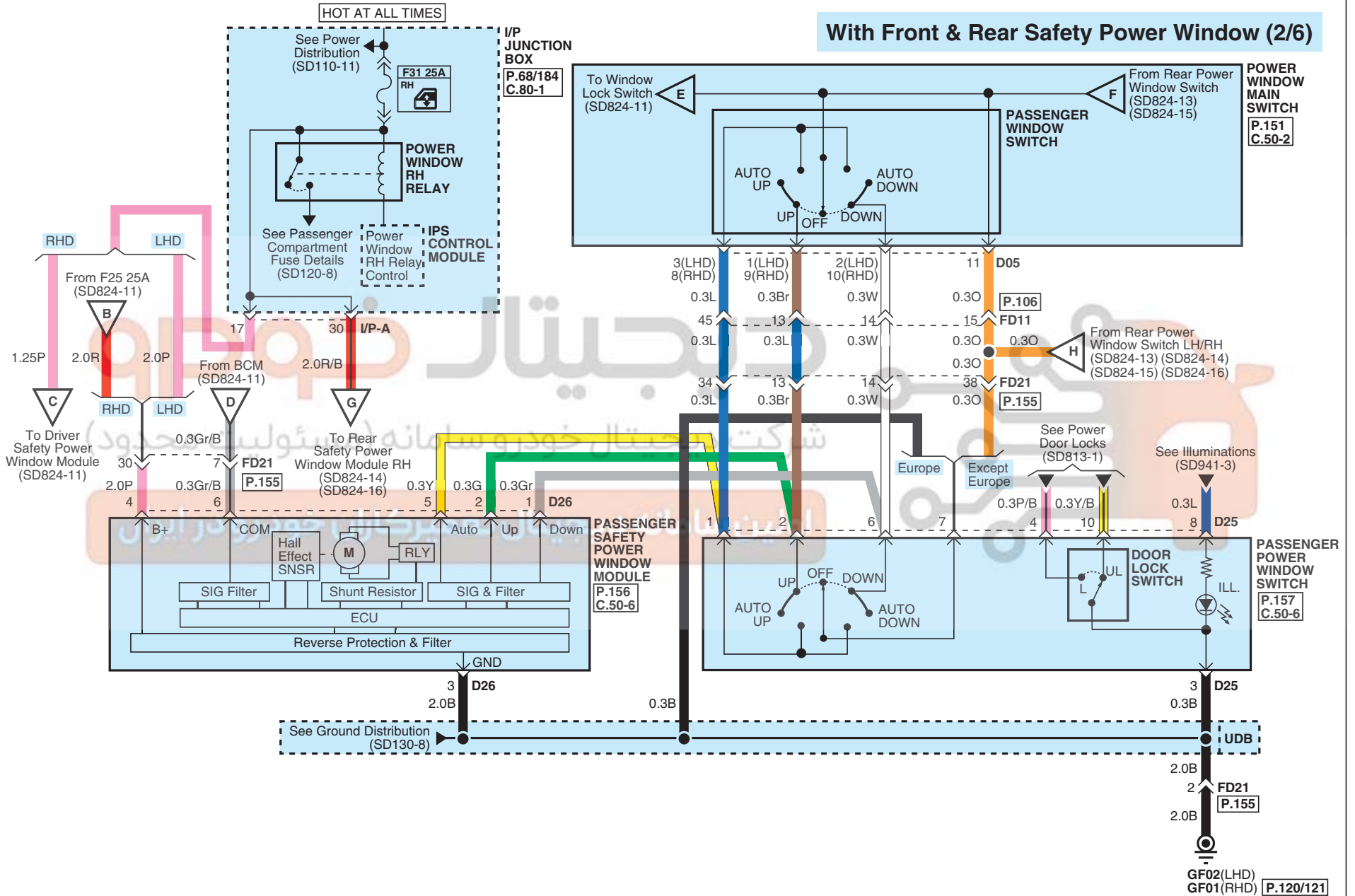


With Driver & Passenger Safety Power Window (W/O Rear Seat Warmer) (5/5)

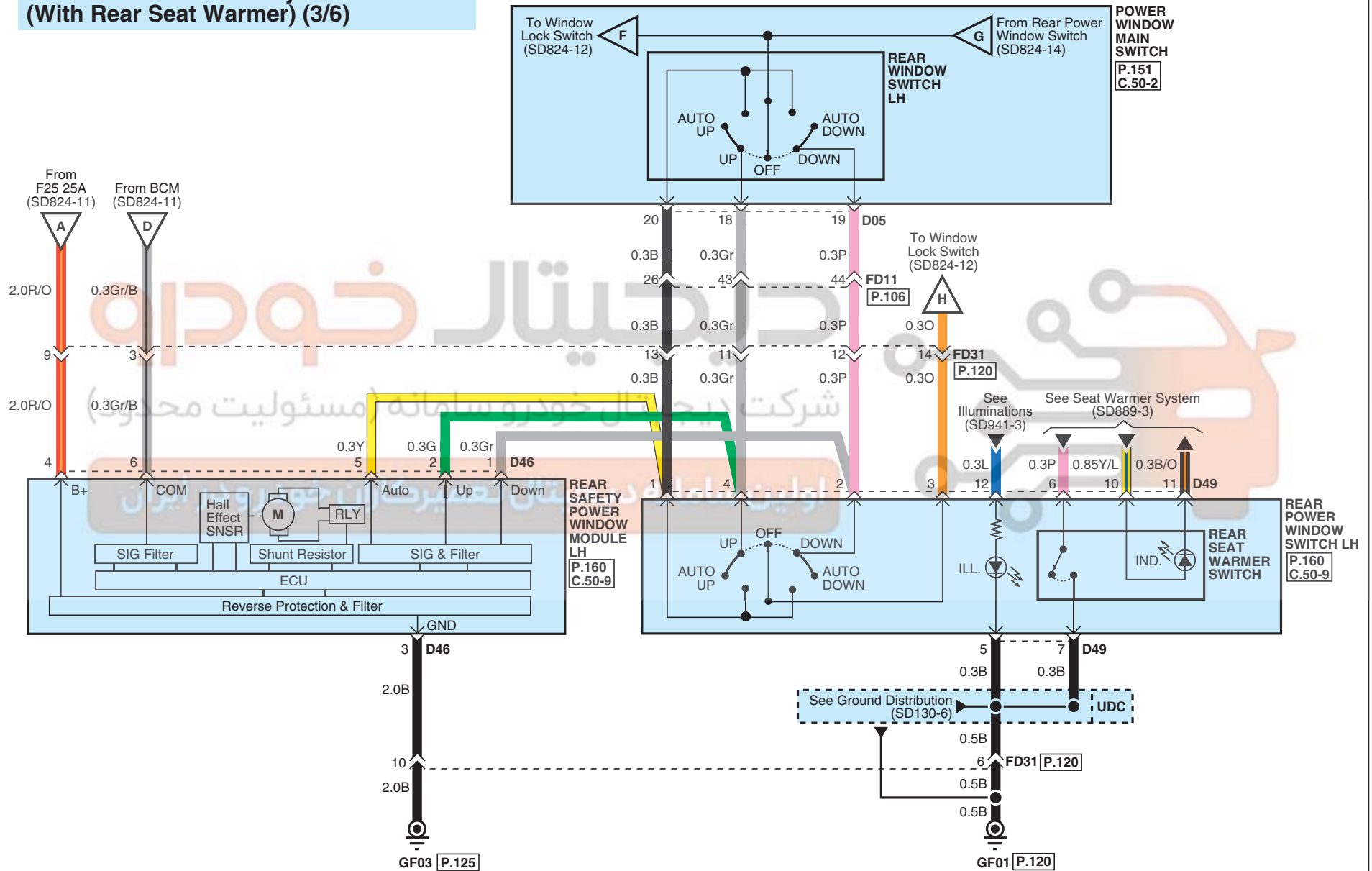


With Front & Rear Safety Power Window (1/6)

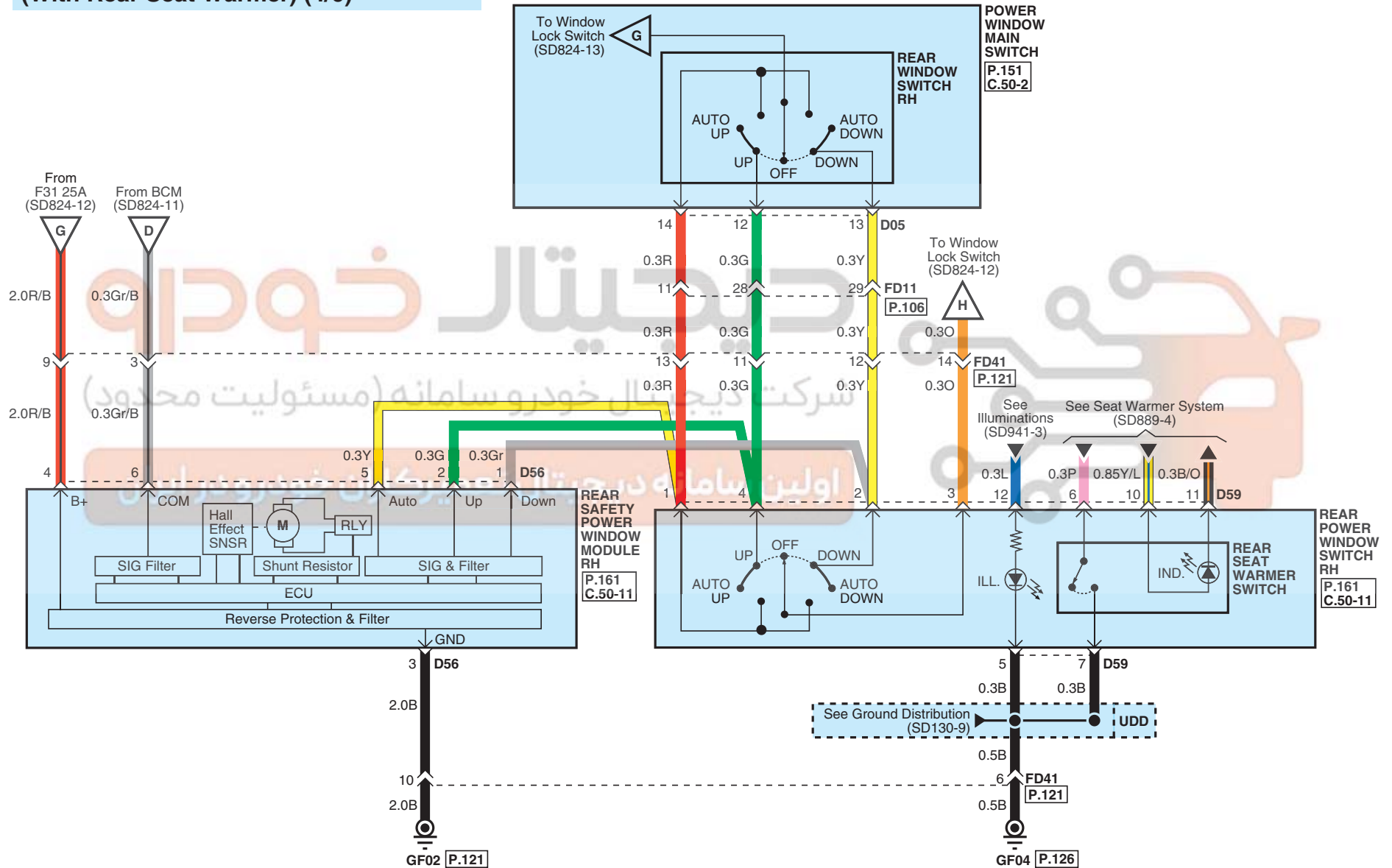




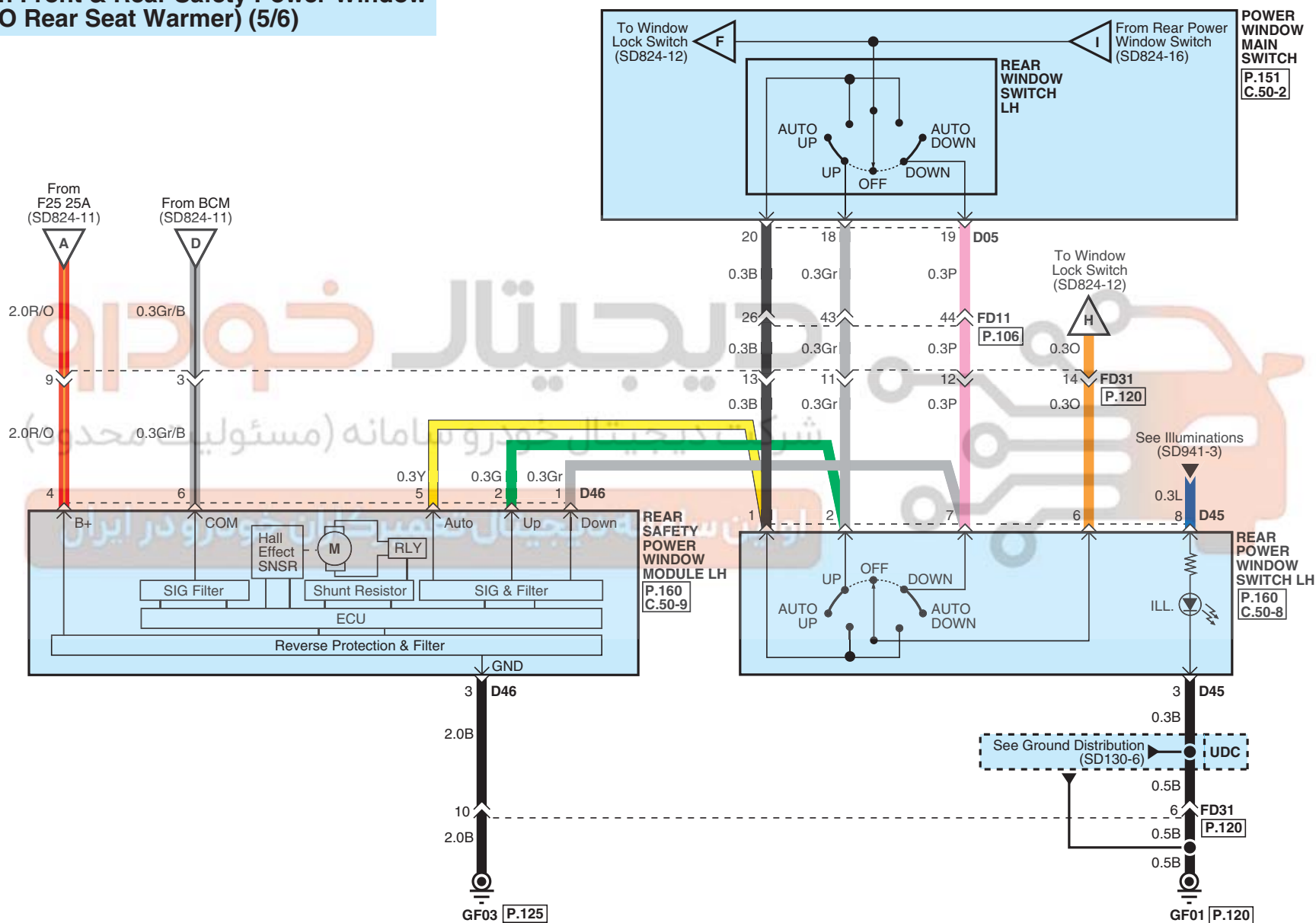
With Front & Rear Safety Power Window (With Rear Seat Warmer) (3/6)



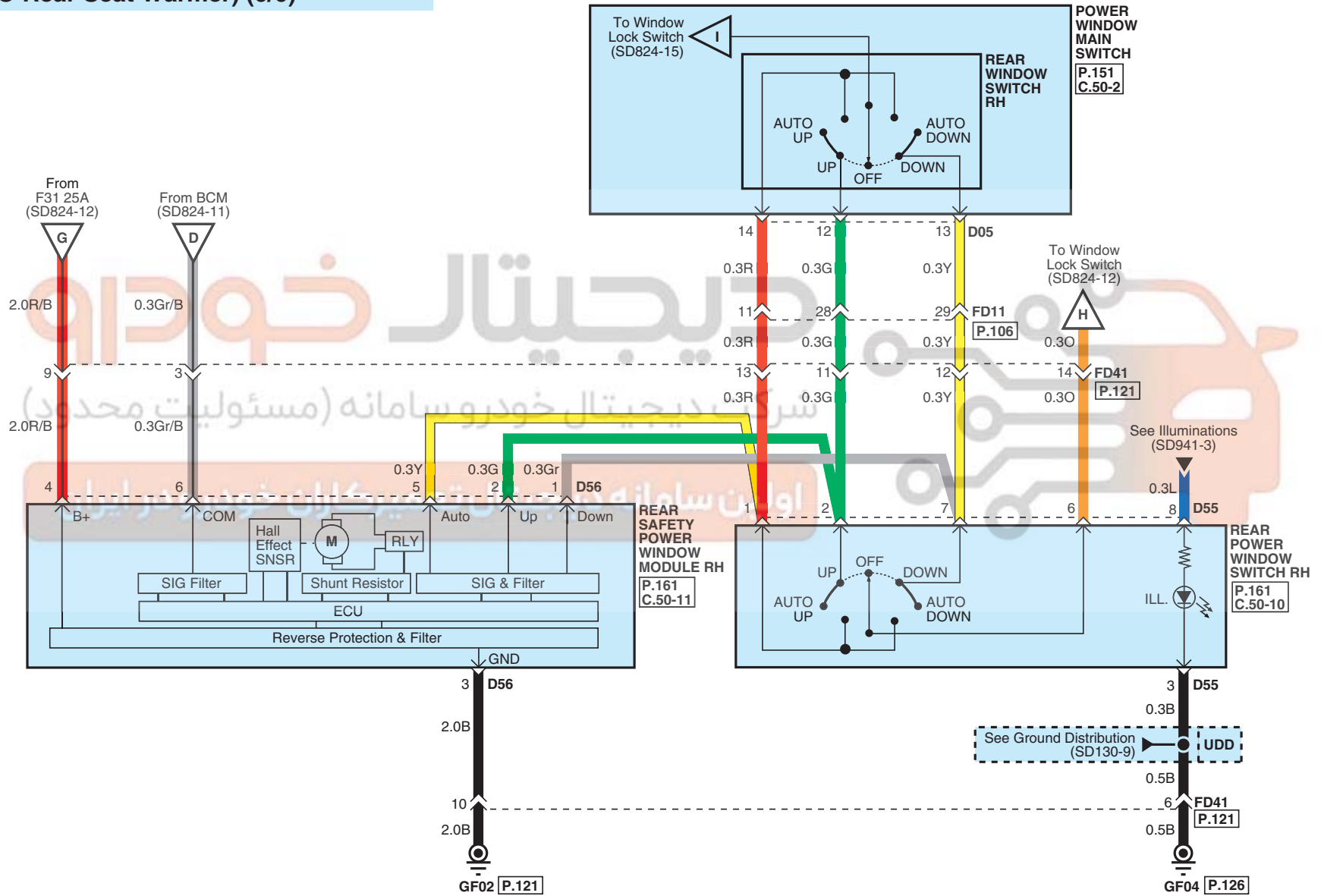
With Front & Rear Safety Power Window (With Rear Seat Warmer) (4/6)



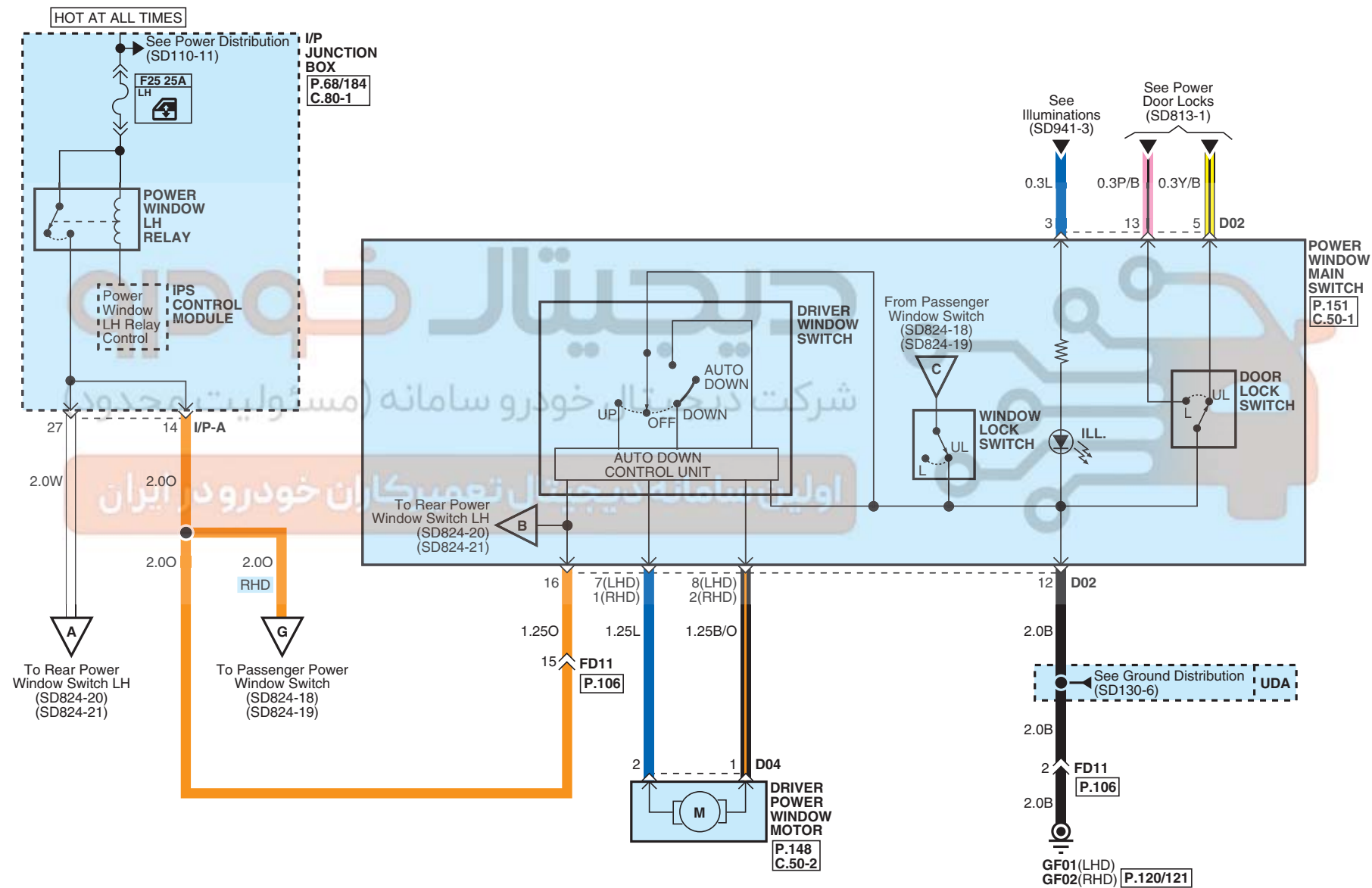
With Front & Rear Safety Power Window
(W/O Rear Seat Warmer) (5/6)

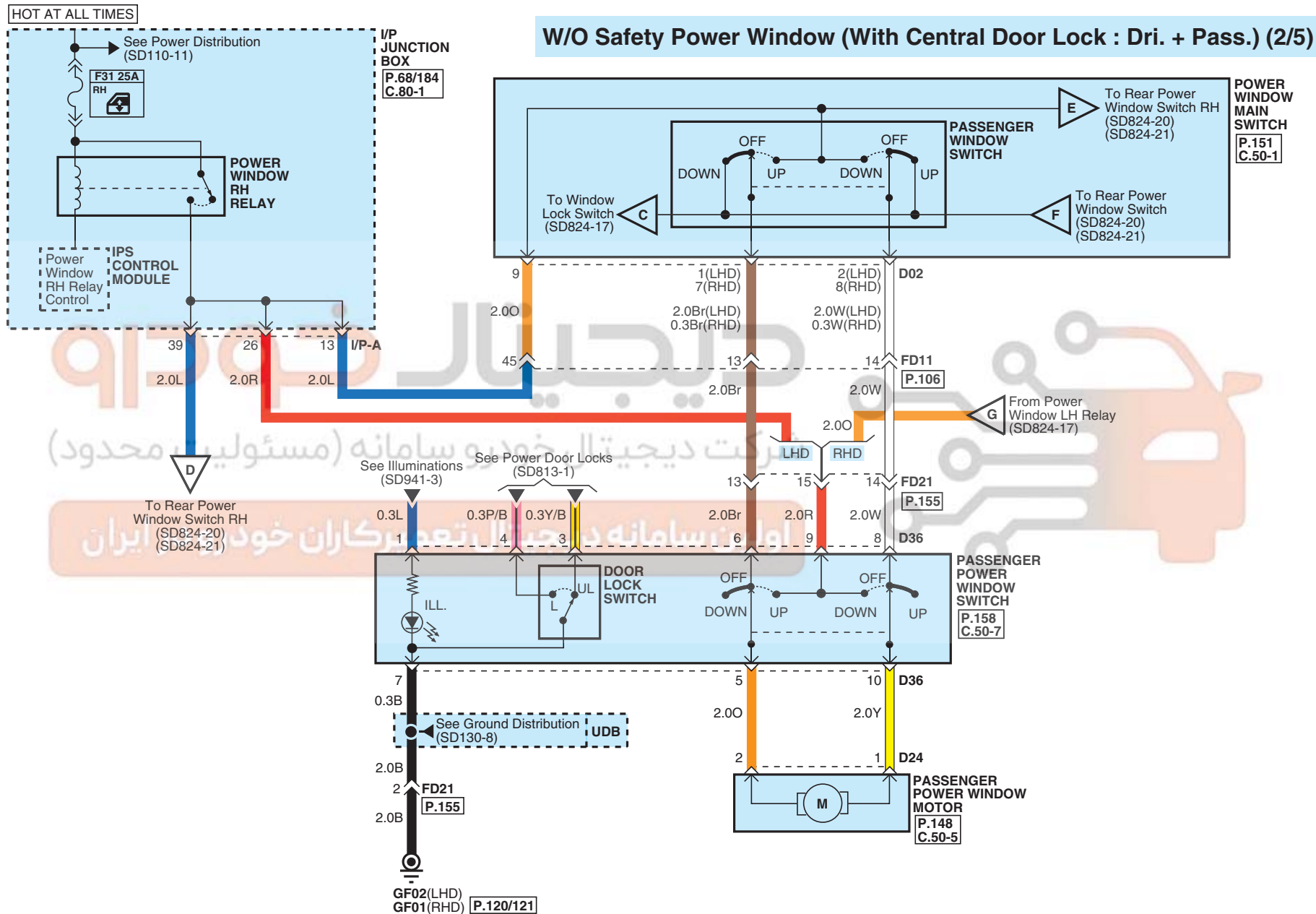


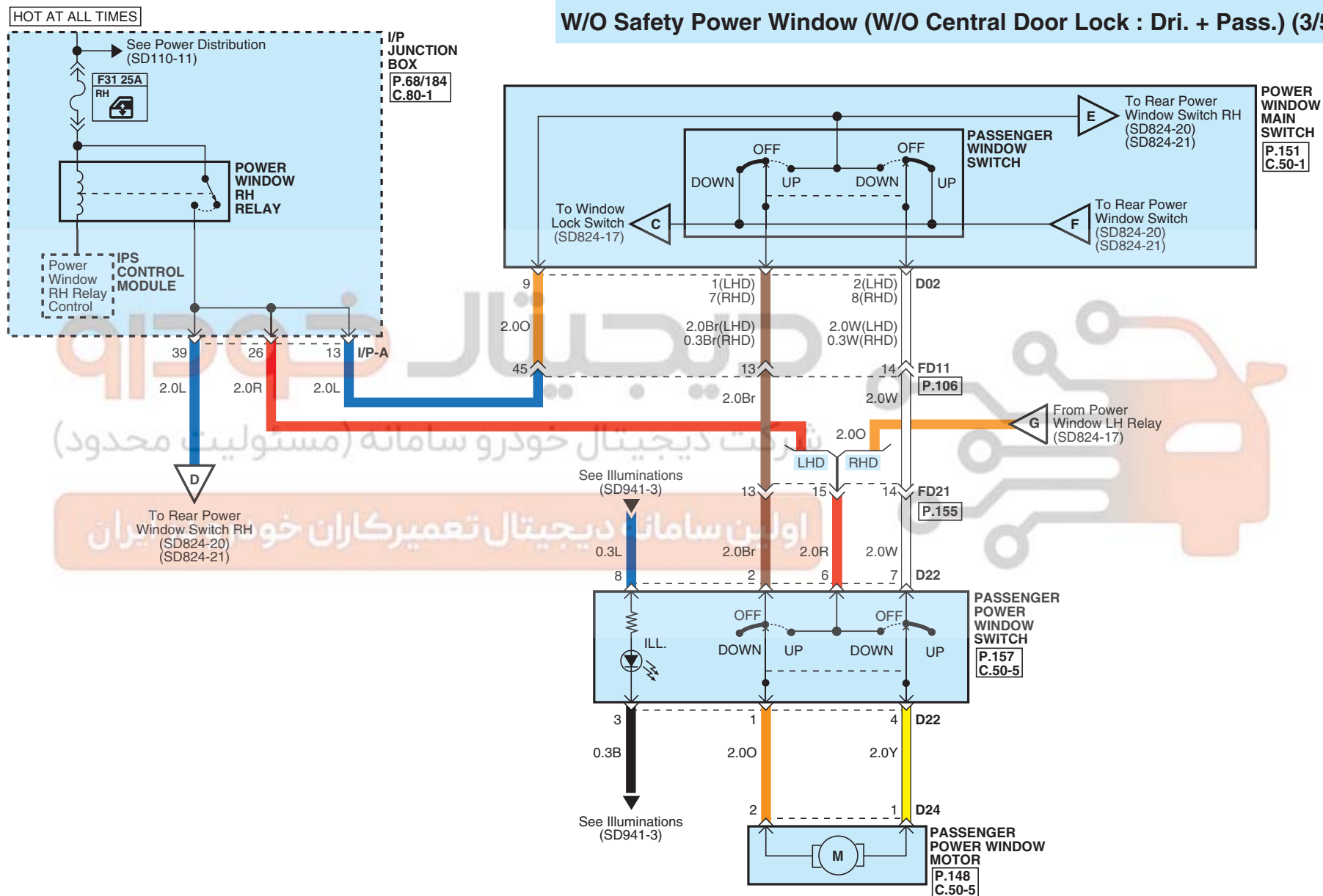
With Front & Rear Safety Power Window
(W/O Rear Seat Warmer) (6/6)



W/O Safety Power Window (1/5)



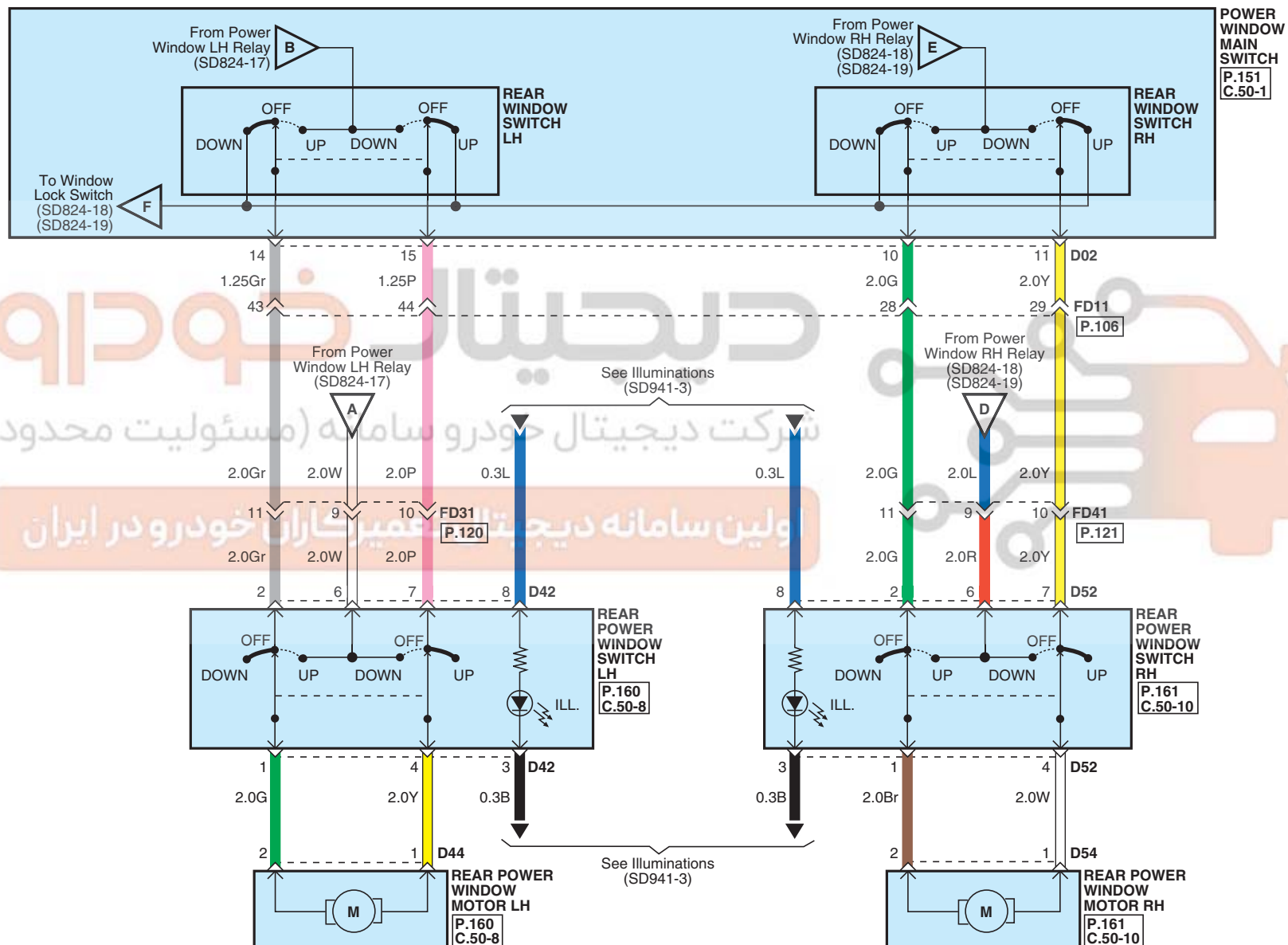




The diagram illustrates the electrical system for the rear window, divided into Left Hand (LH) and Right Hand (RH) sections. Key components and their connections are as follows:

- Power Window Main Switch:** Located at the top right, it controls the power to the LH and RH relays. It includes a main switch (P.151, C.50-1) and a lock switch (F).
- Relays:**
 - From Power Window LH Relay (SD824-17):** Controls the LH window motor and provides power to the LH seat warmer switch.
 - From Power Window RH Relay (SD824-18):** Controls the RH window motor and provides power to the RH seat warmer switch.
- Switches:**
 - REAR WINDOW SWITCH LH/RH:** Controls the window up/down functions.
 - REAR SEAT WARMER SWITCH LH/RH:** Controls the seat warmer system (SD889-3 for LH, SD889-4 for RH).
 - REAR POWER WINDOW SWITCH LH/RH:** Controls the power window motor (P.160, C.50-9 for LH, P.161, C.50-11 for RH).
- Motors:**
 - REAR POWER WINDOW MOTOR LH (P.160, C.50-8):** Drives the LH window.
 - REAR POWER WINDOW MOTOR RH (P.161, C.50-10):** Drives the RH window.
- Wiring and Grounding:**
 - Wires are color-coded: Green (2.0G), Yellow (2.0Y), Blue (0.3L), Red (2.0R), Brown (2.0Br), and Grey (2.0Gr).
 - Grounding points are indicated: UDC (See Ground Distribution SD130-6) and UDD (See Ground Distribution SD130-9).
 - Wiring diagrams for seat warmers (SD889-3, SD889-4) and illuminations (SD941-3) are referenced.

W/O Safety Power Window (W/O Rear Seat Warmer) (5/5)



Circuit Description

To operate a power window, the ignition switch must be in the IG2 position or higher. Even when the ignition switch is in the Lock or ACC mode after ignition, the window can be opened and closed for around 30 seconds.

However, the window cannot be opened or closed even during that 30 seconds if the driver's or passenger's door is opened. If the window lock switch of the power window main switch is in the Lock position, all windows other than the driver seat window cannot be opened or closed. If the upward movement of the window is blocked by an object or part of the body, the window will detect the resistance and will stop upward movement.

• Power Window Main Switch Inspection

Check the continuity between terminals from each switch position as shown in the table below and renew it if it doesn't have continuity.

[With Safety Power Window - Front & Rear]

Terminal Position	Driver				Passenger			
	6	9	10	8	3	1	2	6
UP	○	○				○	○	○
AUTO UP	○	○	○	○	○	○	○	○
OFF								
DOWN	○	○	○				○	○
AUTO DOWN	○	○	○	○	○	○	○	○
Terminal Position	Rear LH				Rear RH			
	6	18	19	20	14	12	13	6
UP	○	○				○	○	○
AUTO UP	○	○	○	○	○	○	○	○
OFF								
DOWN	○	○	○				○	○
AUTO DOWN	○	○	○	○	○	○	○	○

[With Safety Power Window - Driver & Passenger]

Terminal Position	Driver				Passenger			
	14	8	9	7	1	2	3	14
UP	○	○				○	○	○
AUTO UP	○	○	○	○	○	○	○	○
OFF								
DOWN	○	○	○				○	○
AUTO DOWN	○	○	○	○	○	○	○	○
Terminal Position	Rear LH				Rear RH			
	18	16	17	14	11	12	13	14
UP	○	○	○	○	○	○	○	○
OFF		○	○	○	○	○	○	○
DOWN	○	○	○	○	○	○	○	○

[With Safety Power Window - Driver]

Terminal Position	Driver				Passenger			
	12	7	8	6	9	1	2	12
UP	○	○			○	○	○	○
AUTO UP	○	○	○	○				
OFF						○	○	○
DOWN	○	○	○		○	○	○	○
AUTO DOWN	○	○	○	○				
Terminal Position	Rear LH				Rear RH			
	16	14	15	12	9	10	11	12
UP	○	○	○	○	○	○	○	○
OFF		○	○	○		○	○	○
DOWN	○	○	○	○	○	○	○	○

Power Window System

Service Tips (2)

[Without Safety Power Window - Auto Down]

Terminal Position	Driver				Passenger			
	12	7	8	6	9	1	2	12
UP	○	○			○	○	○	○
OFF						○	○	○
DOWN	○	○	○		○	○	○	○
AUTO DOWN	○	○	○	○				

Terminal Position	Rear LH				Rear RH			
	16	14	15	12	9	10	11	12
UP	○	○	○	○	○	○	○	○
OFF		○	○	○		○	○	○
DOWN	○	○	○	○	○	○	○	○

• Passenger & Rear Power Window Switch Inspection

[With Safety Power Window - Front & Rear]

Terminal Position	Passenger				Rear LH/RH			
	7	2	6	1	6	2	7	1
UP	○	○			○	○		
AUTO UP	○	○	○	○	○	○	○	○
OFF								
DOWN	○	○	○		○	○	○	
AUTO DOWN	○	○	○	○	○	○	○	○

• Passenger Power Window Switch Inspection

[With Central Door Lock]

Terminal Position	9	6	8	10	5
	○		○	○	○
UP	○		○	○	○
OFF		○	○	○	○
DOWN	○	○	○	○	○

[Without Central Door Lock]

Terminal Position	6	2	7	4	1
	○		○	○	○
UP	○		○	○	○
OFF		○	○	○	○
DOWN	○	○	○	○	○

• Rear Power Window Switch Inspection

[With Rear Seat Warmer]

Terminal Position	8	1	3	4	2
	○		○	○	○
UP	○		○	○	○
OFF		○	○	○	○
DOWN	○	○	○	○	○

[Without Rear Seat Warmer]

Terminal Position	6	2	7	4	1
	○		○	○	○
UP	○		○	○	○
OFF		○	○	○	○
DOWN	○	○	○	○	○

MEMO

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

