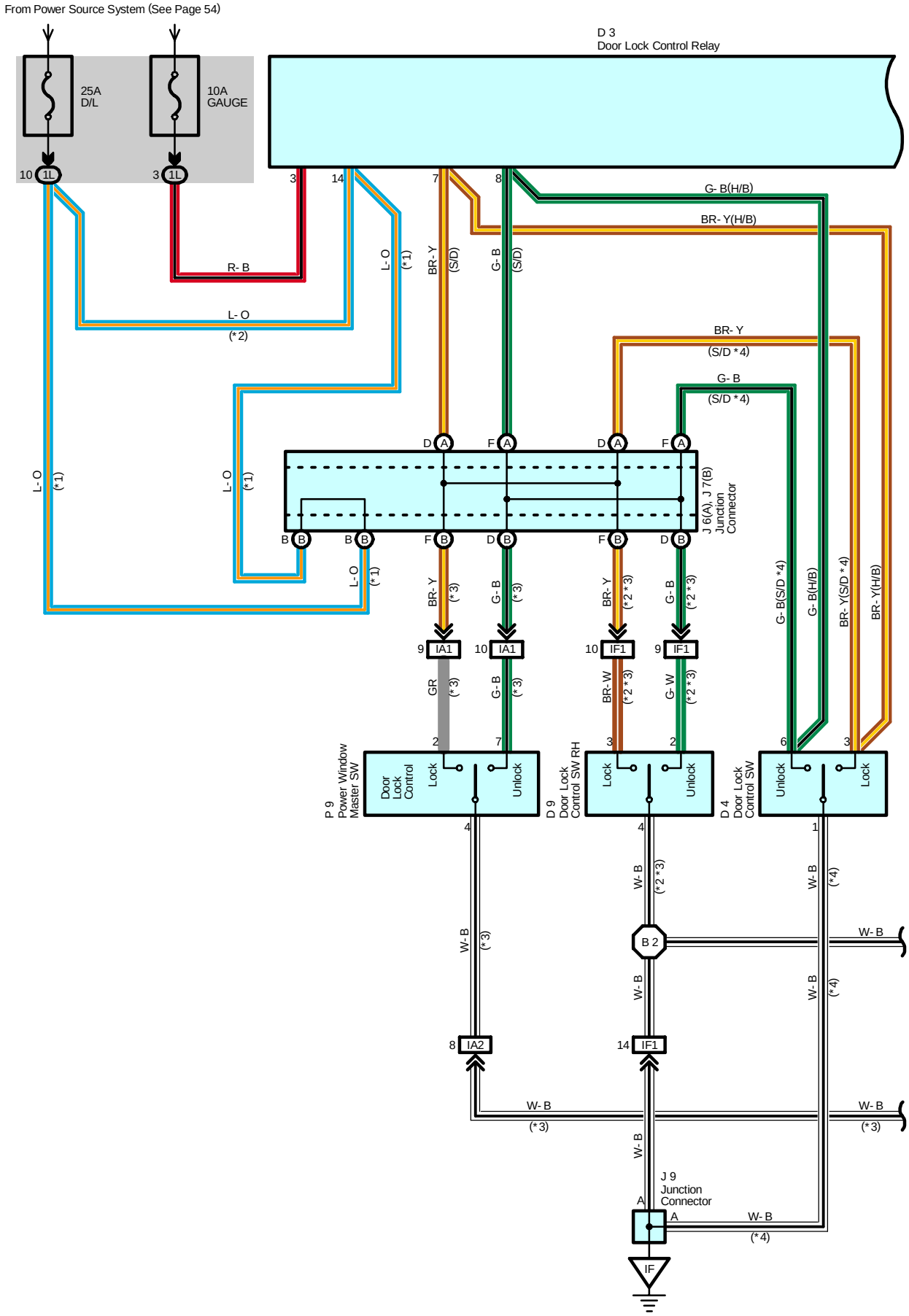
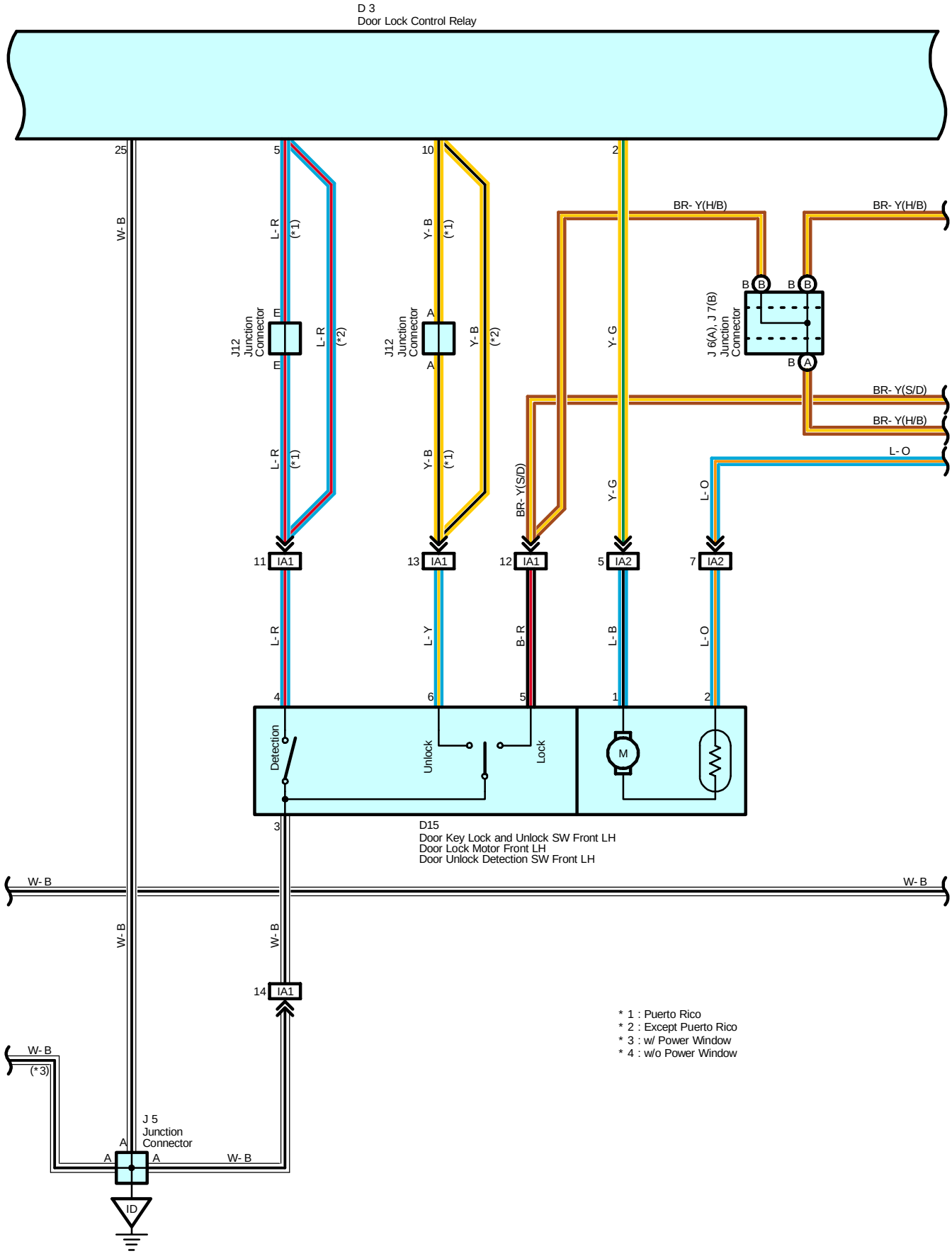
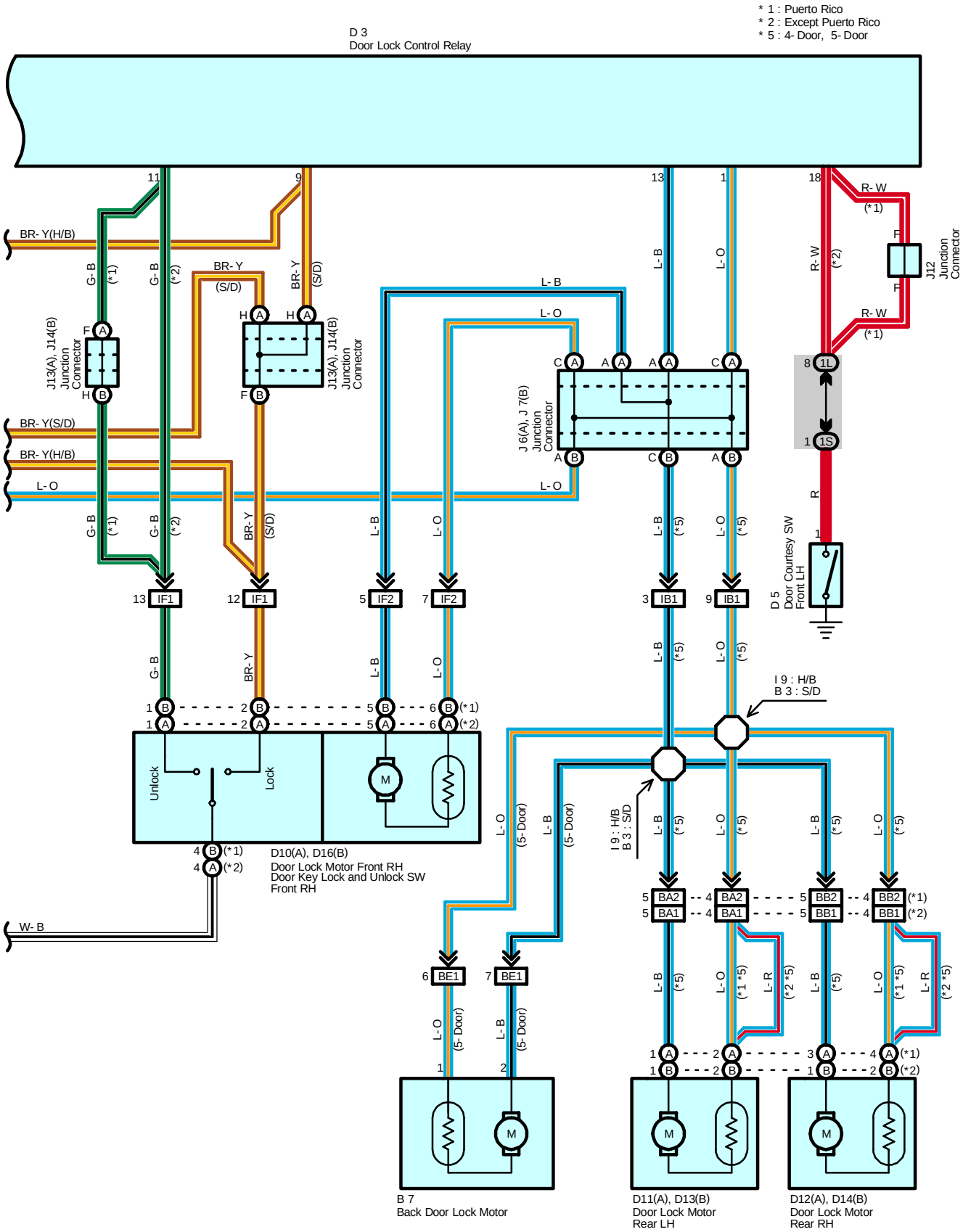
Door Lock Control




D 3
Door Lock Control Relay
25
W- B
5
L- R
(*1)
L- R
(*2)
J12
Junction
Connector
E
E
L- R
(*1)
10
Y- B
(*1)
Y- B
(*2)
J12
Junction
Connector
A
A
Y- B
(*1)
2
BR- Y(H/B)
BR- Y(H/B)
Y- G
J 6(A), J 7(B)
Junction
Connector
B
B
B
B
B
A
BR- Y(S/D)
BR- Y(H/B)
L- O
BR- Y(S/D)
Y- G
L- O
11
IA1
13
IA1
12
IA1
5
IA2
7
IA2
L- R
L- Y
B- R
L- B
L- O
4
6
5
1
2
Detection
Unlock
Lock
M
3
D15
Door Key Lock and Unlock SW Front LH
Door Lock Motor Front LH
Door Unlock Detection SW Front LH
W- B
W- B
W- B
W- B
14
IA1
* 1 : Puerto Rico
* 2 : Except Puerto Rico
* 3 : w/ Power Window
* 4 : w/o Power Window
W- B
(*3)
J 5
Junction
Connector
A
A
A
W- B
ID

Door Lock Control



System Outline

The current always flows to TERMINAL 14 of the door lock control relay through the D/L fuse.

1. Manual Lock Operation

When the door lock control SW or door key lock and unlock SW are operated to LOCK position, a lock signal is input to TERMINAL 7 or 9 of the door lock control relay and causes the door lock control relay to function. The current flows from TERMINAL 14 of the door lock control relay to TERMINAL 1 to the door lock motors to TERMINALS 2 and 13 of the door lock control relay to TERMINAL 25 to GROUND and the door lock motors locks the door.

2. Manual Unlock Operation

When the door lock control SW or door key lock and unlock SW are operated to UNLOCK position, an unlock signal is input to TERMINAL 8, 10 or 11 of the door lock control relay and causes the door lock control relay to function. The current flows from TERMINAL 14 of the door lock control relay to TERMINALS 2 and 13 to the door lock motors to TERMINAL 1 of the door lock control relay to TERMINAL 25 to GROUND and the door lock motors unlocks the door.

3. Double Operation Unlock Operation

When the door key lock and unlock SW front LH is turned to the unlock side, only the driver's door is unlocked. By turning the door key lock and unlock SW front LH to the unlock side, a signal is input to TERMINAL 10 of the door lock control relay, and if the signal is input again within 3 seconds by turning the SW to the unlock side again, current flows from TERMINAL 13 of the door lock control relay to the door lock motors (Front RH, rear LH and RH) to TERMINAL 1 of the door lock control relay to TERMINAL 25 to GROUND, causing the door lock motors to operate and unlock the doors.

Service Hints

D3 Door Lock Control Relay

25-Ground : Always continuity
3-Ground : Approx. 12 volts with the ignition SW at ON position
14-Ground : Always approx. 12 volts
7-Ground : Continuity with the door lock control SW locked
8-Ground : Continuity with the door lock control SW unlocked
9-Ground : Continuity with the driver's, front passenger's door lock cylinder locked with the key
10-Ground : Continuity with the driver's door lock cylinder unlocked with the key
11-Ground : Continuity with the front passenger's door lock cylinder unlocked with the key

D5 Door Courtesy SW Front LH

1-Ground : Closed with the driver's door open

D15 Door Key Lock and Unlock SW and Door Unlock Detection SW front LH

6-3 : Closed with the door lock cylinder unlocked with the key
5-3 : Closed with the door lock cylinder locked with the key

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B7	36 (5-Door)	D11	32 (4-Door)	D16	34 (2-Door)
D3	30	D12	32 (4-Door)	J5	31
D4	30	D13	32 (4-Door)	J6 A	31
D5	32 (4-Door)		36 (5-Door)	J7 B	31
	34 (2-Door)	D14	32 (4-Door)	J9	31
	36 (5-Door)		36 (5-Door)	J12	31
D9	32 (4-Door)	D15	32 (4-Door)	J13 A	31
D10	32 (4-Door)		34 (2-Door)	J14 B	31
	34 (2-Door)		36 (5-Door)	P9	33 (4-Door)
	36 (5-Door)	D16	32 (4-Door)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1L	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
1S	24	Floor Wire and Instrument Panel J/B (Lower Finish Panel)

Door Lock Control

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	40	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IB1	40	Floor Wire and Instrument Panel Wire (Behind the Reinforce LH)
IF1	42	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IF2		
BA1	44 (4-Door)	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)
	48 (5-Door)	
BA2	44 (4-Door)	
BB1	44 (4-Door)	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)
	48 (5-Door)	
BB2	44 (4-Door)	
BE1	48 (5-Door)	Back Door No.2 Wire and Floor Wire (Left Rear Side of Roof Panel)

: GROUND POINTS

Code	See Page	Ground Points Location
ID	40	Left Kick Panel
IF	40	Right Kick Panel

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	42	Floor Wire	B3	44 (4-Door)	Floor Wire
B2	44 (4-Door)	Front Door RH Wire			