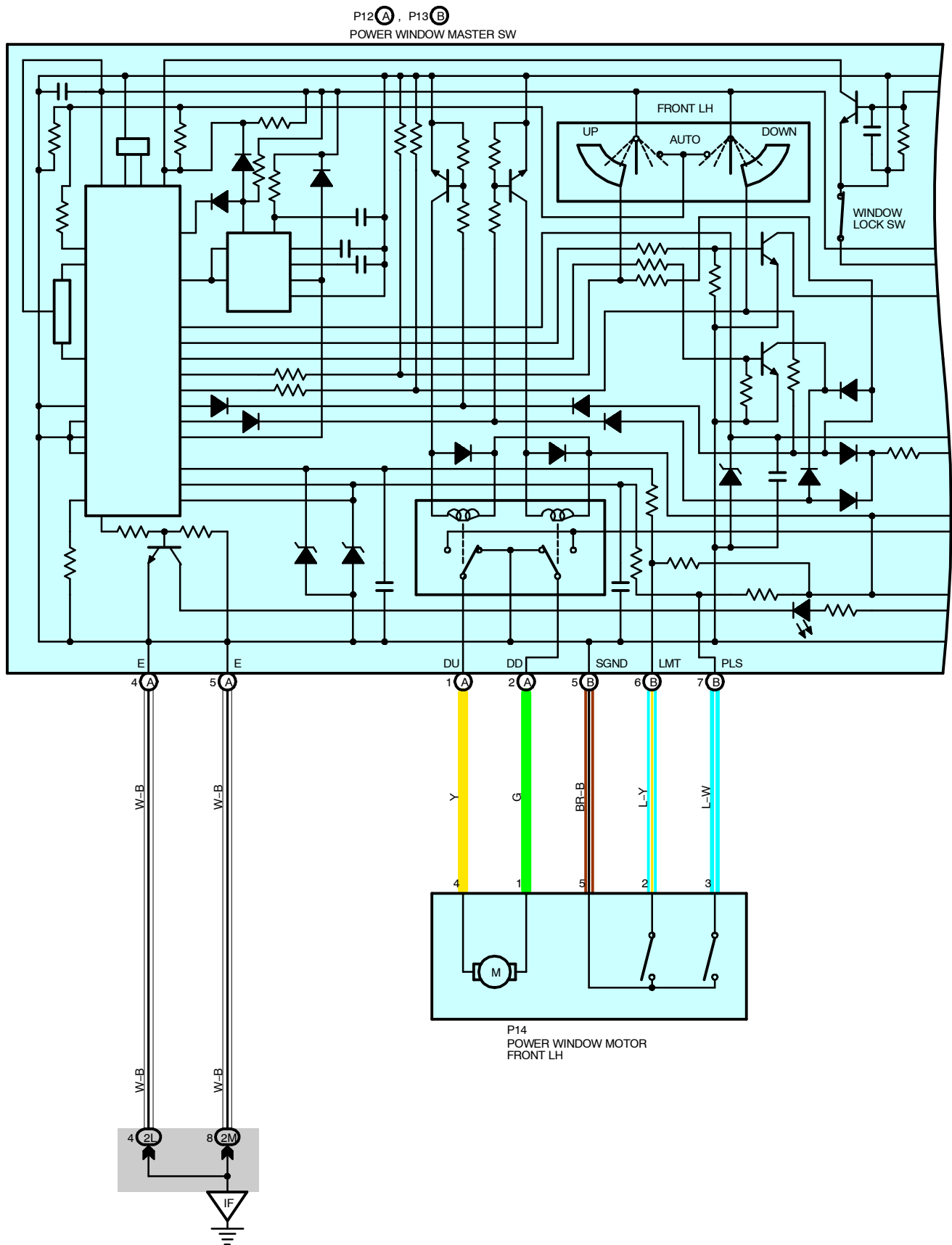
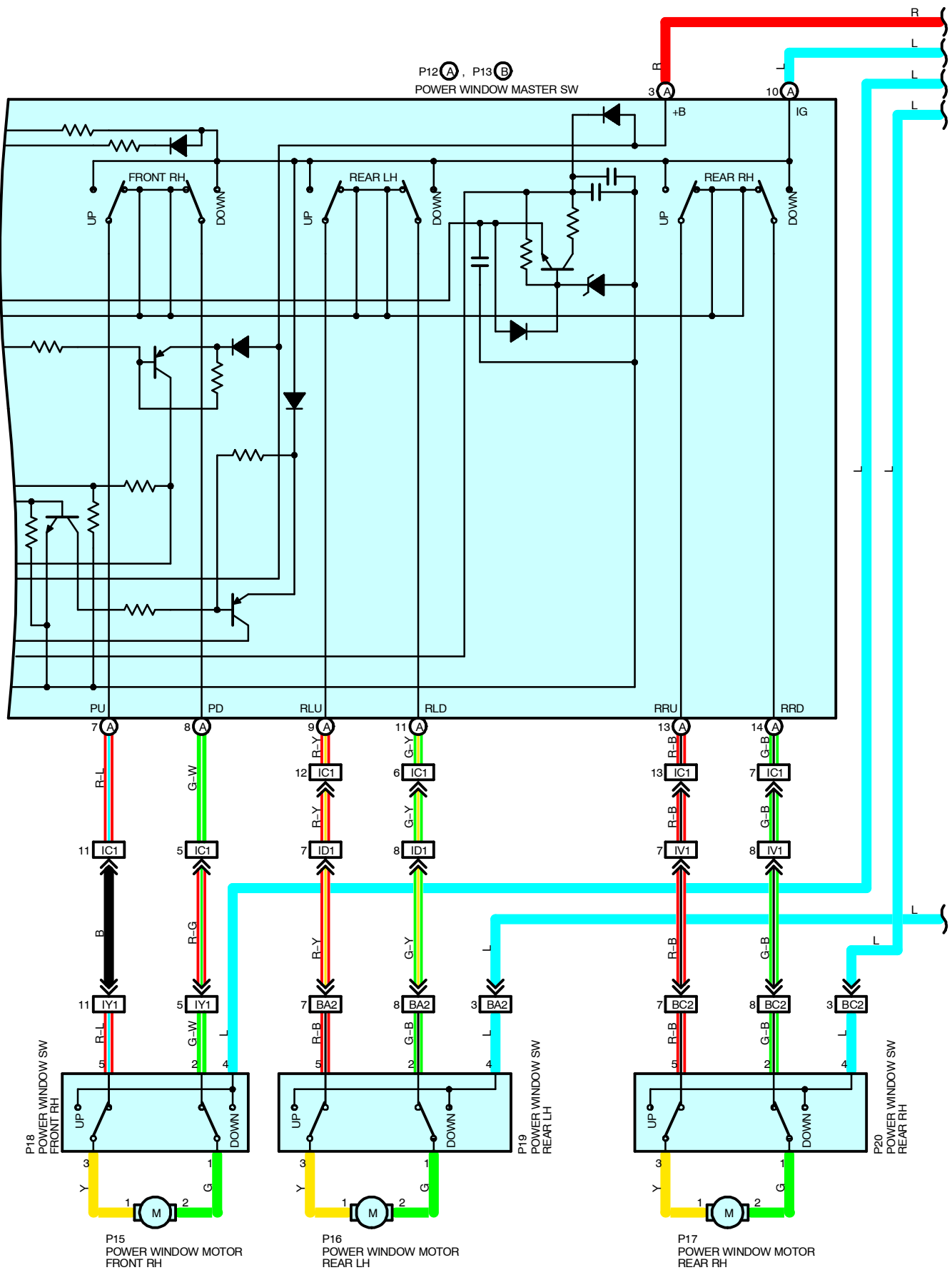
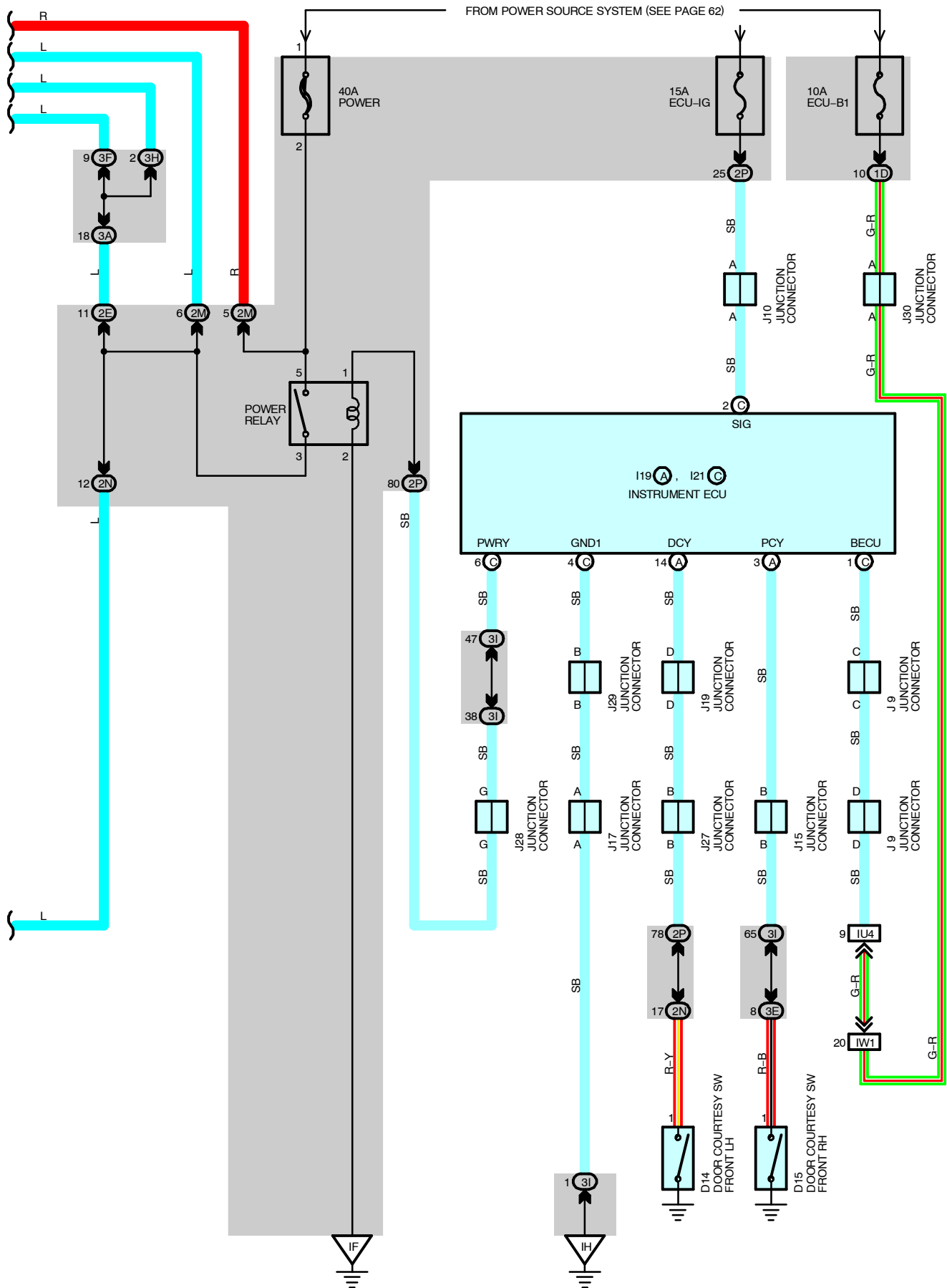


POWER WINDOW





POWER WINDOW



SYSTEM OUTLINE

1. MANUAL DOWN OR UP OPERATION (DRIVER'S SIDE)

When the power window master SW is pressed one step, the current flows from the power window master SW TERMINAL DD to power window motor front LH to power window master SW TERMINAL DU to GROUND, and rotates the motor to open the window.

When the power window master SW is pulled one step, the current flows from the power window master SW TERMINAL DU to power window motor front LH to power window master SW TERMINAL DD to GROUND, and rotates the motor to close the window.

For the other windows, as the power window master SW and power window SW is operated, the relevant door window is opened or closed.

2. AUTO DOWN OR UP OPERATION (DRIVER'S SIDE)

When the power window master SW is pushed two steps, the power window master SW determines it is in auto mode and the current flows from the power window master SW TERMINAL DD to power window motor front LH to power window master SW TERMINAL DU to GROUND, and rotates the motor to open the window automatically.

When the power window master SW is pulled two steps, the power window master SW determines it is in auto mode and the current flows from the power window master SW TERMINAL DU to power window motor front LH to power window master SW TERMINAL DD to GROUND, and rotates the motor to close the window automatically.

3. CATCHING PREVENTION FUNCTION (DRIVER'S SIDE)

When any foreign matter is caught in the window during power window up operation, the pulse sensor in the power window motor detects the changes in the number of motor rotations and forcibly opens the door window 50 mm, or when the window opening is less than 200 mm, it opens the window until the opening is 200 mm.

4. KEY OFF POWER WINDOW OPERATION

It is possible to operate the power window for approx. 43 seconds after the ignition SW is turned from on to off. However, when the door is opened while the window is being operated, the power window operation is stopped even though 43 seconds have not elapsed.

SERVICE HINTS

P12 POWER WINDOW MASTER SW

3-GROUND : Always approx. 12 volts

10-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position
: Approx. 12 volts with key off power window operation

4, 5-GROUND : Always continuity

1-GROUND : Continuity with power window master SW at **MANUAL UP** position
: Continuity with power window master SW at **AUTO UP** position

2-GROUND : Continuity with power window master SW at **MANUAL DOWN** position
: Continuity with power window master SW at **AUTO DOWN** position

WINDOW LOCK SW

Open with the window lock SW at lock position

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D14	40	J19	39	P15	41
D15	40	J27	39	P16	41
I19	A 38	J28	39	P17	41
I21	C 38	J29	39	P18	41
J9	39	J30	39	P19	41
J10	39	P12	A 41	P20	41
J15	39	P13	B 41		
J17	39	P14	41		

POWER WINDOW

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	21	Engine Room No.2 Wire and Engine Room J/B (Engine Compartment Left)
2E	24	Engine Room No.2 Wire and Cowl Side J/B LH (Left Kick Panel)
2L	24	Front Door LH Wire and Cowl Side J/B LH (Left Kick Panel)
2M		
2N	24	Floor Wire and Cowl Side J/B LH (Left Kick Panel)
2P	26	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)
3A	30	Engine Room No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3E	30	Floor No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3F		
3H	30	Front Door RH Wire and Cowl Side J/B RH (Right Kick Panel)
3I	30	Instrument Panel Integration Wire and Cowl Side J/B RH (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	46	Front Door LH Wire and Dash Wire (Left Kick Panel)
ID1	46	Dash Wire and Floor Wire (Left Kick Panel)
IU4	50	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IV1	52	Dash Wire and Floor No.2 Wire (Behind the Glove Box)
IW1	52	Engine Room No.2 Wire and Dash Wire (Behind the Glove Box)
IY1	52	Front Door RH Wire and Dash Wire (Right Kick Panel)
BA2	54	Rear Door LH Wire and Floor Wire (Left Side of Center Pillar)
BC2	54	Rear Door RH Wire and Floor No.2 Wire (Right Side of Center Pillar)

: GROUND POINTS

Code	See Page	Ground Points Location
IF	46	Set Bolt of Cowl Side J/B LH
IH	46	Set Bolt of Cowl Side J/B RH

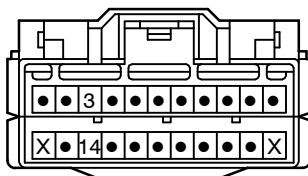
D14



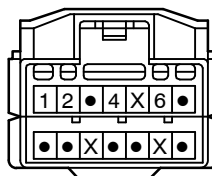
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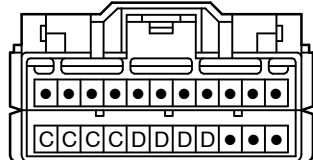
I19 (A)



I21 (C)
BLUE

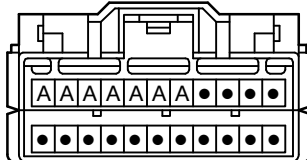


J9
GRAY



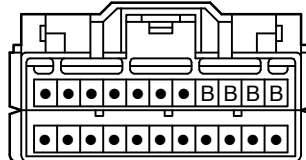
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J10



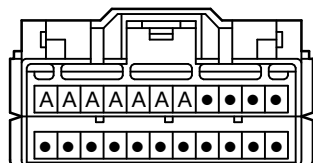
(Hint : See Page 7)

J15
GRAY



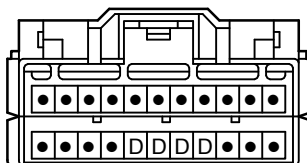
(Hint : See Page 7)

J17



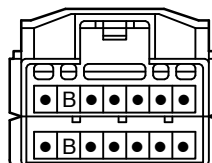
(Hint : See Page 7)

J19
GRAY



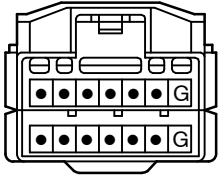
(Hint : See Page 7)

J27
GRAY



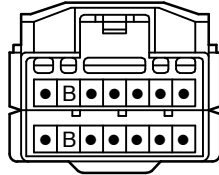
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J28



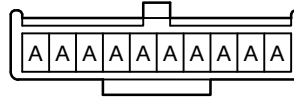
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J29



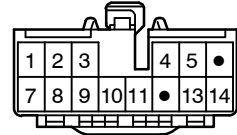
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J30
BLUE

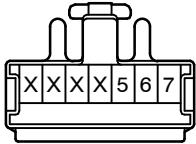


(Hint : See Page 7)

P12 (A)



P13 (B)



P14



P15



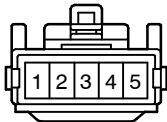
P16
GRAY



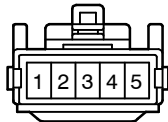
P17
GRAY



P18
GRAY



P19



P20

