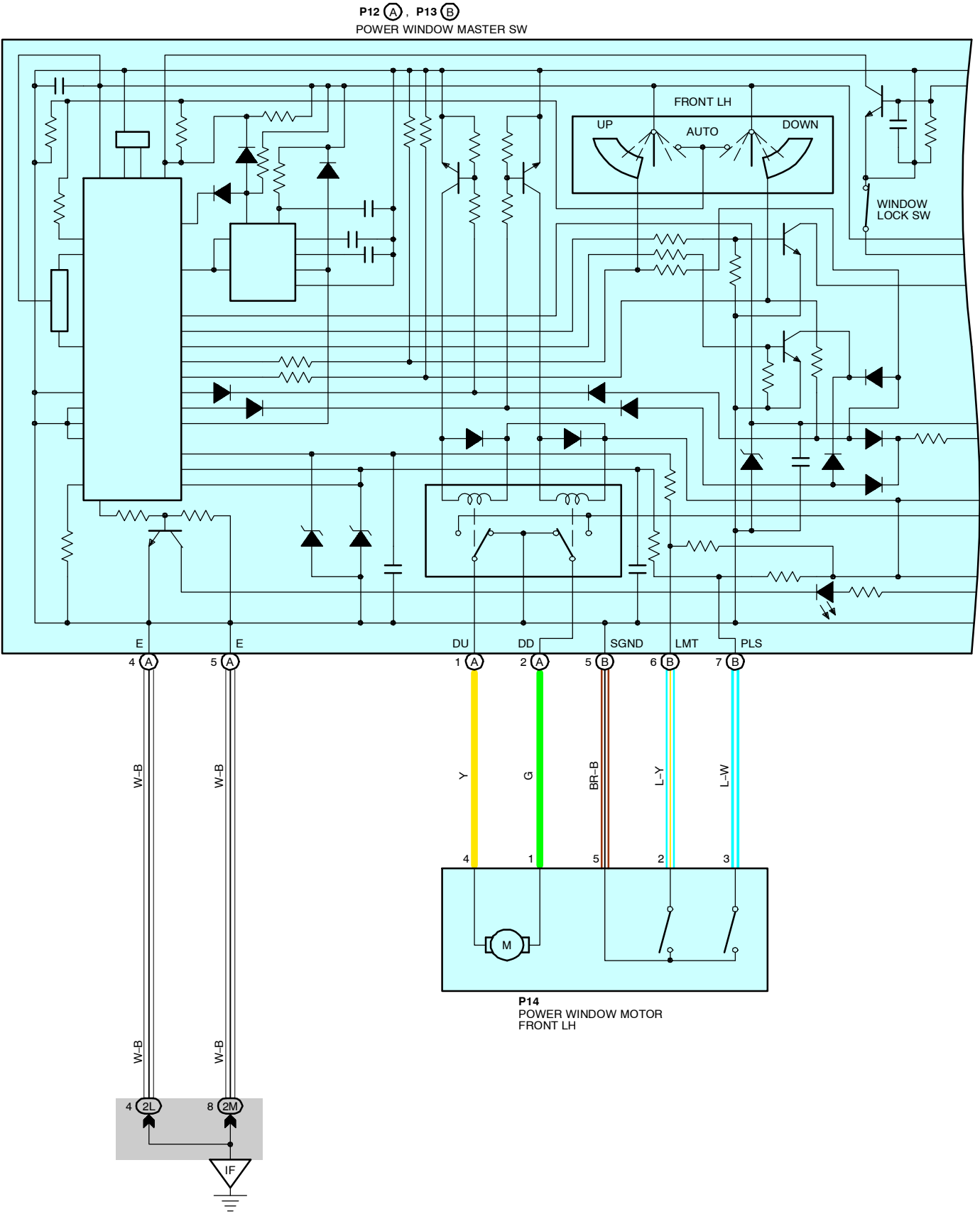
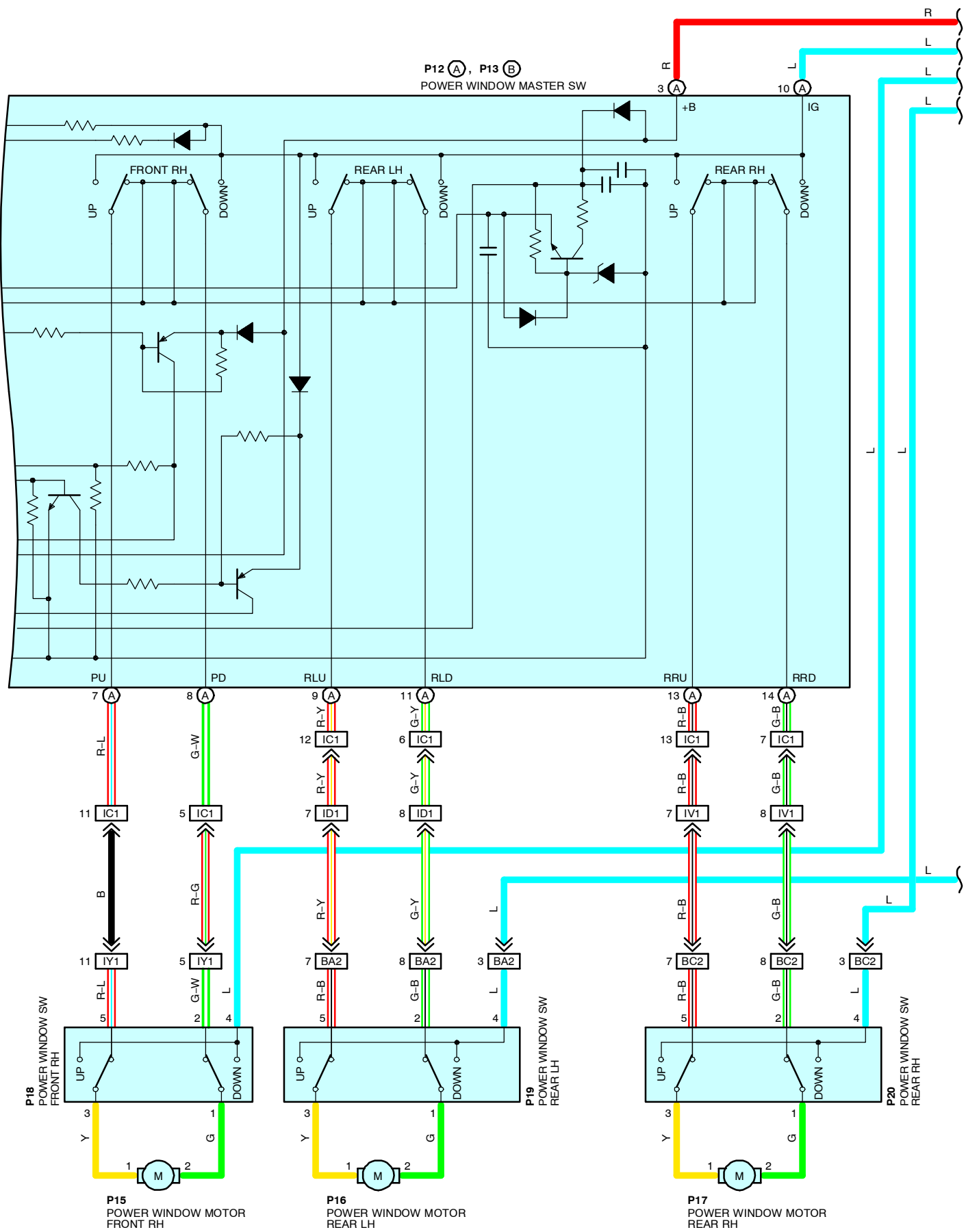
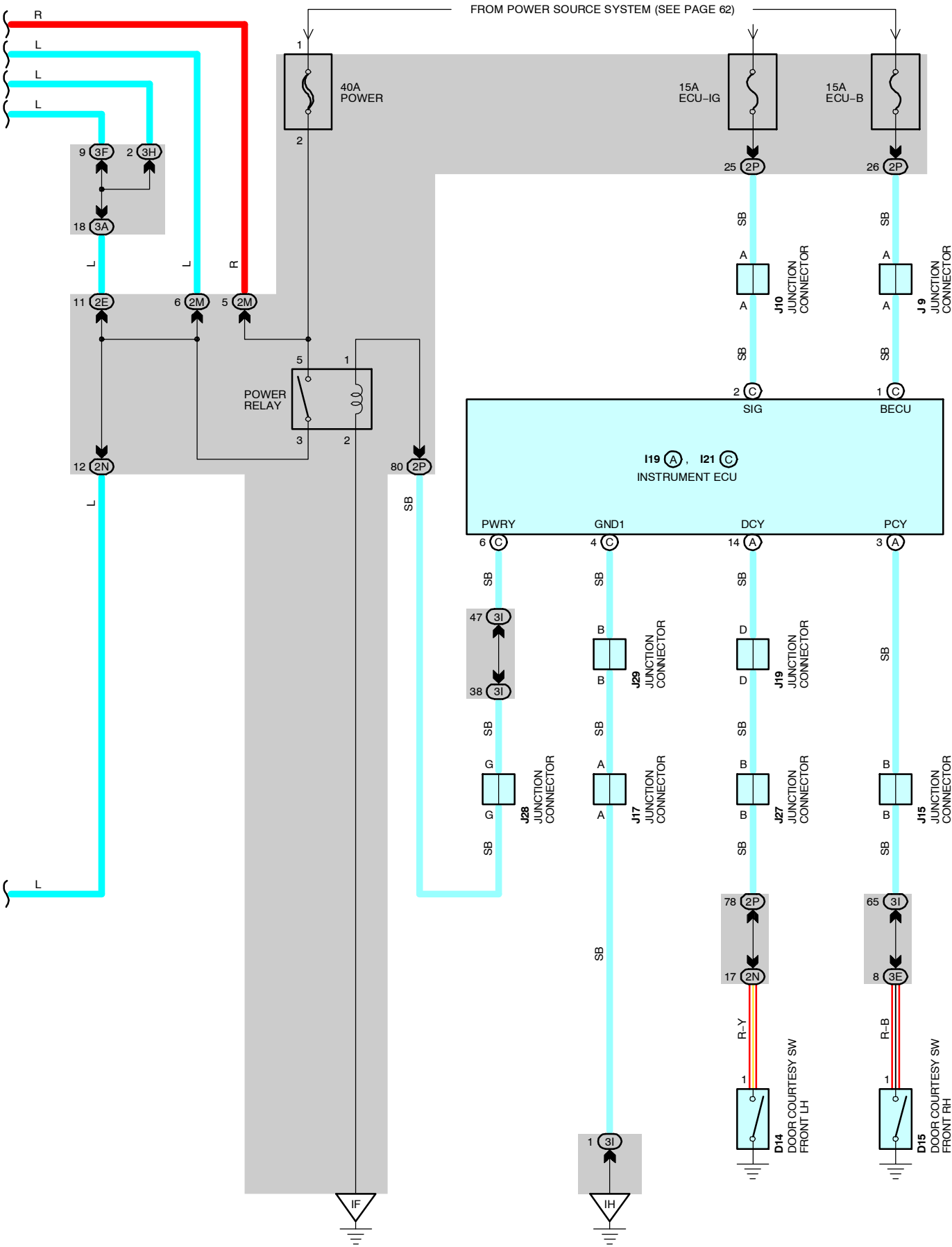








SYSTEM OUTLINE

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	J17	39	P14	41
D15	40	J19	39	P15	41
I19	38	J27	39	P16	41
I21	38	J28	39	P17	41
J9	39	J28	39	P18	41
J10	39	P12	41	P19	41
J15	39	P13	41	P20	41

POWER WINDOW

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
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)
IV1	52	Dash Wire and Floor No.2 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

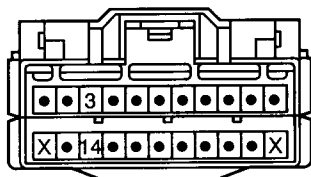
D14



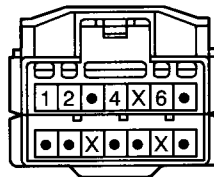
D15



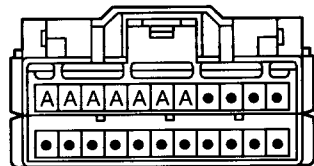
I19 (A)



I21 (C)
BLUE

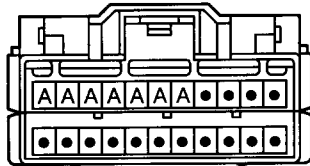


J9
GRAY



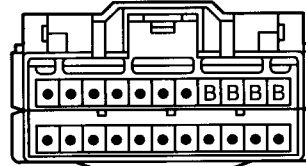
(Hint : See Page 7)

J10



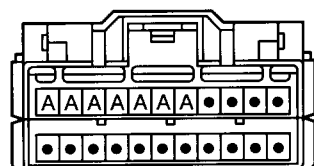
(Hint : See Page 7)

J15
GRAY



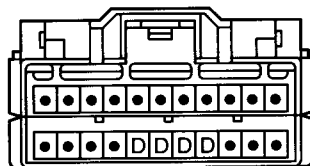
(Hint : See Page 7)

J17



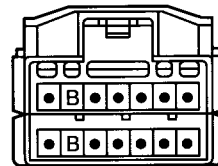
(Hint : See Page 7)

J19
GRAY



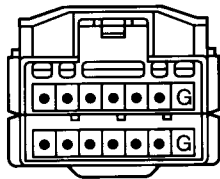
(Hint : See Page 7)

J27
GRAY



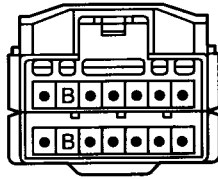
(Hint : See Page 7)

J28



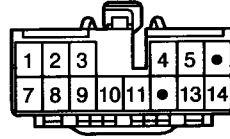
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J29

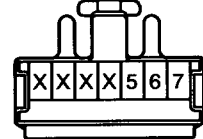


(Hint : See Page 7)

P12 (A)



P13 (B)



P14



P15
GRAY



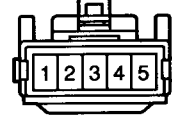
P16
GRAY



P17
GRAY



P18



P19



P20

