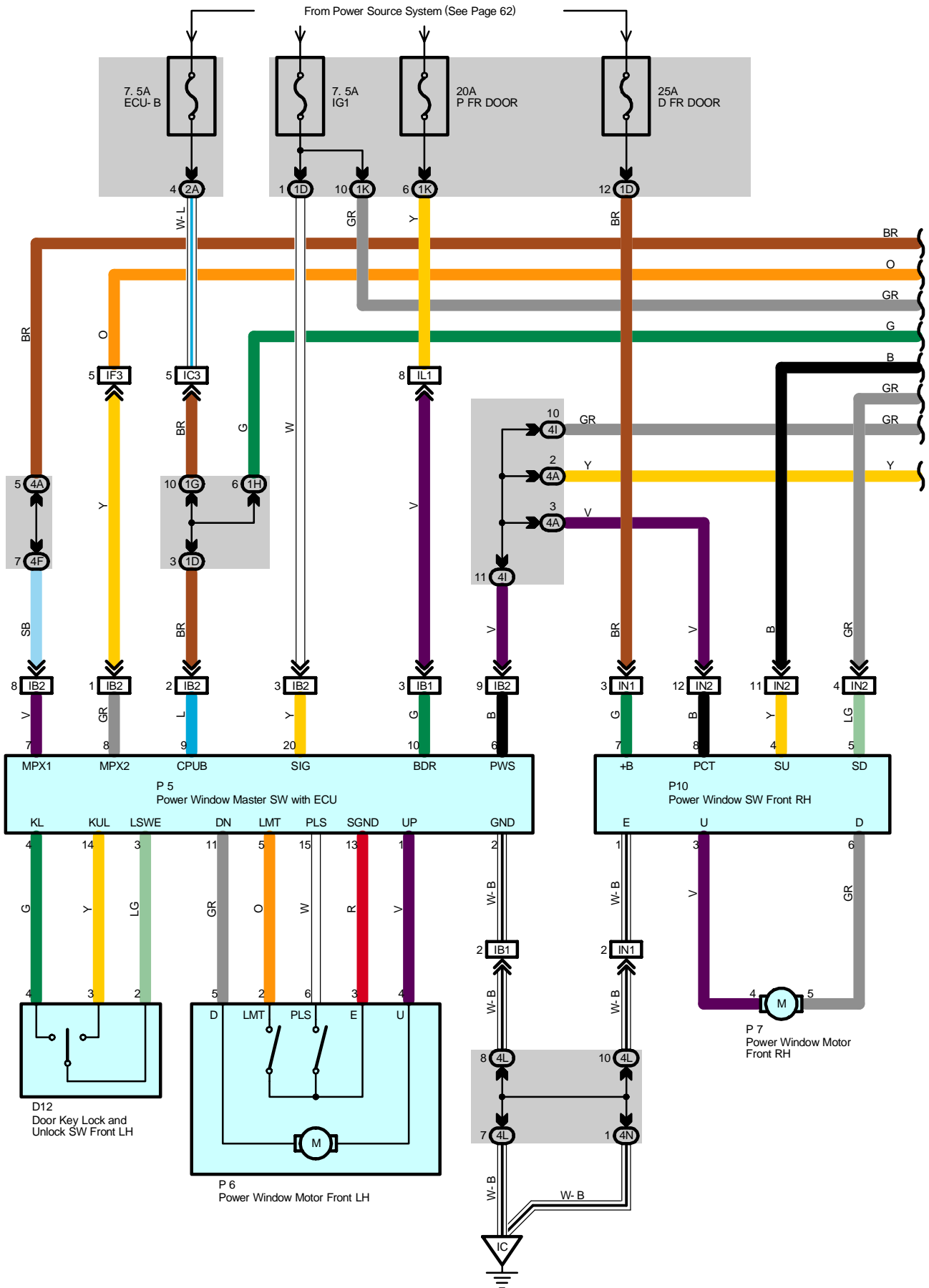
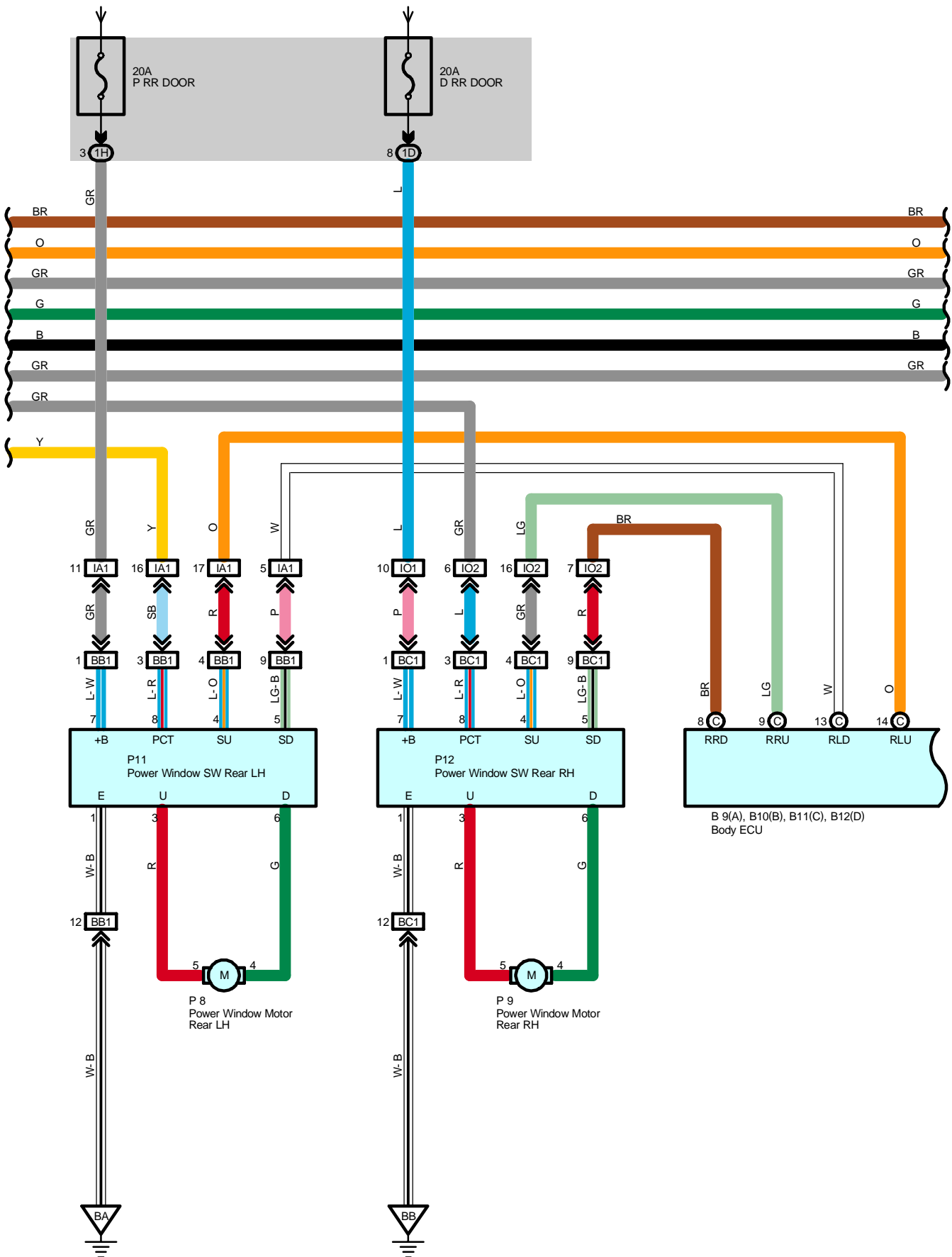


Power Window



From Power Source System (See Page 62)





System Outline

Communication between power window master SW and body ECU is controlled and body ECU recognizes the conditions of each SW to control the operation of windows.

1. Manual Up or Down Operation (Driver's Window, Passenger's Window)

During you are pushing power window master SW (Driver side) halfway down, the motor operates and the window on the driver's side opens. During you are pulling power window master SW (Driver side) halfway up, the motor operates and the windows on the driver's side closes. The window on the passenger's side opens or closes by pushing down or pulling up power window master SW (Front passenger, rear passenger) or power window SW front RH, rear LH, RH.

2. Auto Up or Down Operation (Driver's Window)

When the power window master SW (Driver side) is fully pushed down, the motor operates and the window on the driver's side automatically opens. When the power window master SW (Driver side) is fully pulled up, the motor operates and the window on the driver's side automatically closes.

3. Stopping Automatic Window Operation

If you push the power window master SW (Driver side) halfway down during the window on the driver's side is raising automatically, the motor's operation stops. And if you pull the power window master SW (Driver side) halfway up during the window on the driver's side is lowering automatically, the motor's operation stops.

4. Key Off Power Window Operation

After the ignition SW is turned off, the windows can be operated for about 43 seconds. However, the window operation stops when either front doors opens.

5. Jam Protection Function (Driver's Window)

When any foreign object gets caught during power window UP operation, the motor rotates in the opposite direction to open the window.

Service Hints

B9 (A), B12 (D) Body ECU

(D) 9-Ground : Always approx. 12 volts

(A) 2, (D) 7-Ground : Always continuity

(A) 5-Ground : Approx. 12 volts with the ignition SW at ON position

P5 Power Window Master SW with ECU

9, 10-Ground : Always approx. 12 volts

2-Ground : Always continuity

P10, P11, P12 Power Window SW Front RH, Rear LH, RH

7-Ground : Always approx. 12 volts

1-Ground : Always continuity

⊙ : PARTS LOCATION

| Code | See Page | Code | See Page | Code | See Page |
|------|----------|------|----------|------|----------|
| A10 | A | 42 | C12 | B | 42 |
| A11 | B | 42 | D12 | | 44 |
| A17 | | 42 | E6 | | 42 |
| B9 | A | 42 | G5 | | 43 |
| B10 | B | 42 | P5 | | 44 |
| B11 | C | 42 | P6 | | 44 |
| B12 | D | 42 | P7 | | 44 |
| C11 | A | 42 | P8 | | 44 |
| | | | | P9 | 44 |
| | | | | P10 | 44 |
| | | | | P11 | 44 |
| | | | | P12 | 44 |
| | | | S30 | A | 43 |
| | | | S31 | B | 43 |

Power Window



: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---|
| 1D | 29 | Cowl Wire and Instrument Panel J/B (Lower Finish Panel) |
| 1G | | |
| 1H | | |
| 1J | 28 | Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel) |
| 1K | | |
| 2A | 27 | Engine Room Main Wire and Engine Room J/B (Engine Compartment Left) |
| 3A | 30 | Instrument Panel Wire and Center J/B (Behind the Instrument Panel Center) |
| 3B | | |
| 3C | | |
| 3E | | |
| 3F | | |
| 3J | 31 | |
| 4A | 33 | Cowl Wire and Passenger Side J/B (Right Side of Grove Box) |
| 4F | | |
| 4H | | |
| 4I | 32 | |
| 4L | | |
| 4N | | |



: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--|
| IA1 | 52 | Cowl Wire and Floor No.2 Wire (Left Kick Panel) |
| IB1 | 52 | Front Door LH Wire and Cowl Wire (Left Kick Panel) |
| IB2 | | |
| IC3 | 52 | Engine Room Main Wire and Cowl Wire (Left Cowl Side Panel) |
| IF3 | 52 | Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B) |
| IL1 | 54 | Instrument Panel Wire and Cowl Wire (Upper Side of Passenger Side J/B) |
| IL2 | | |
| IN1 | 54 | Front Door RH Wire and Cowl Wire (Right Kick Panel) |
| IN2 | | |
| IO1 | 54 | Cowl Wire and Floor Wire (Right Kick Panel) |
| IO2 | | |
| BB1 | 56 | Rear Door No.1 LH Wire and Floor No.2 Wire (Left Center Pillar) |
| BC1 | 56 | Rear Door No.1 RH Wire and Floor Wire (Right Center Pillar) |



: GROUND POINTS

| Code | See Page | Ground Points Location |
|------|----------|------------------------------|
| IB | 52 | Right Instrument Panel Brace |
| IC | 52 | Right Cowl Side Panel |
| BA | 56 | Left Center Pillar |
| BB | 56 | Right Center Pillar |

