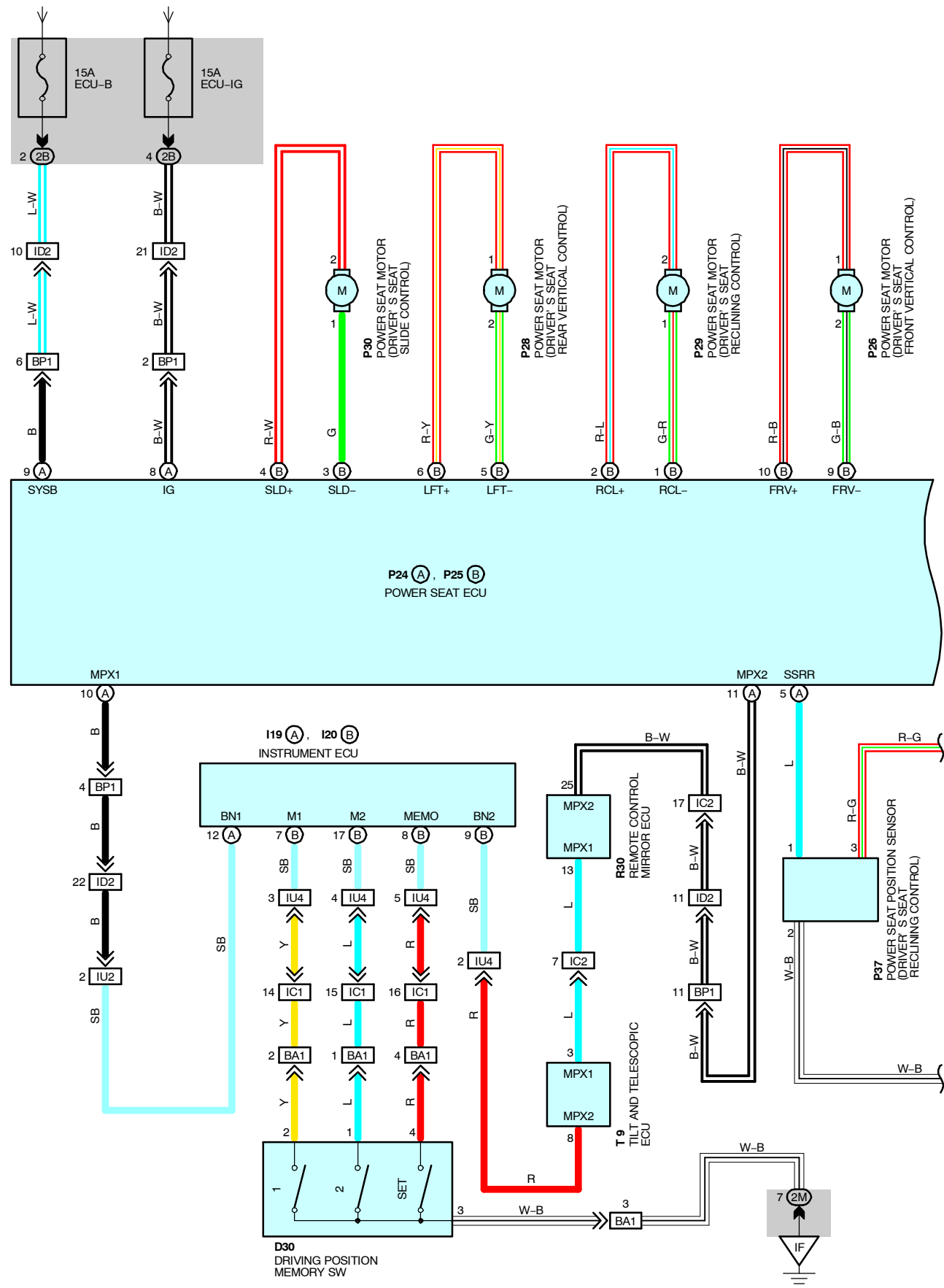
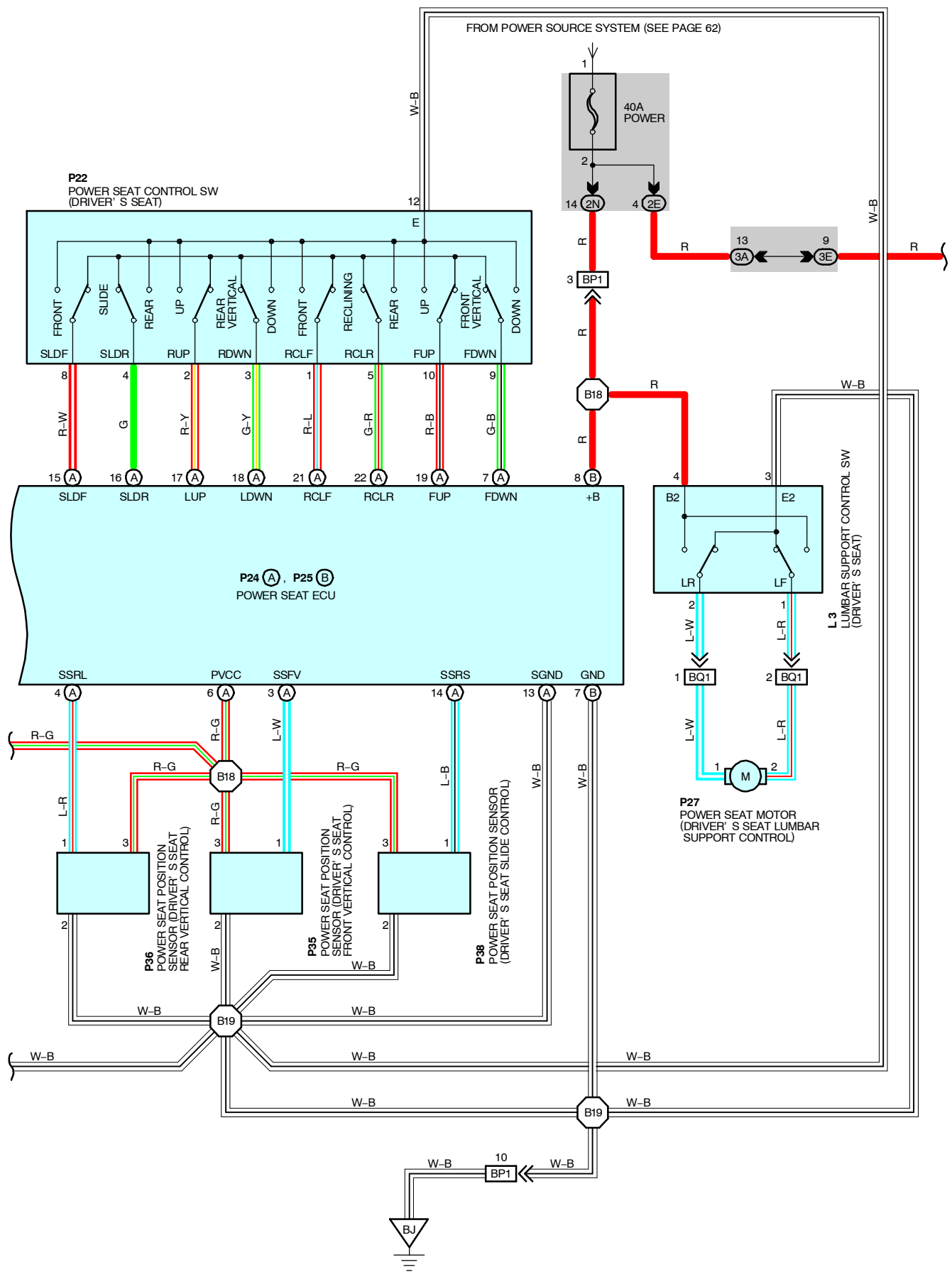
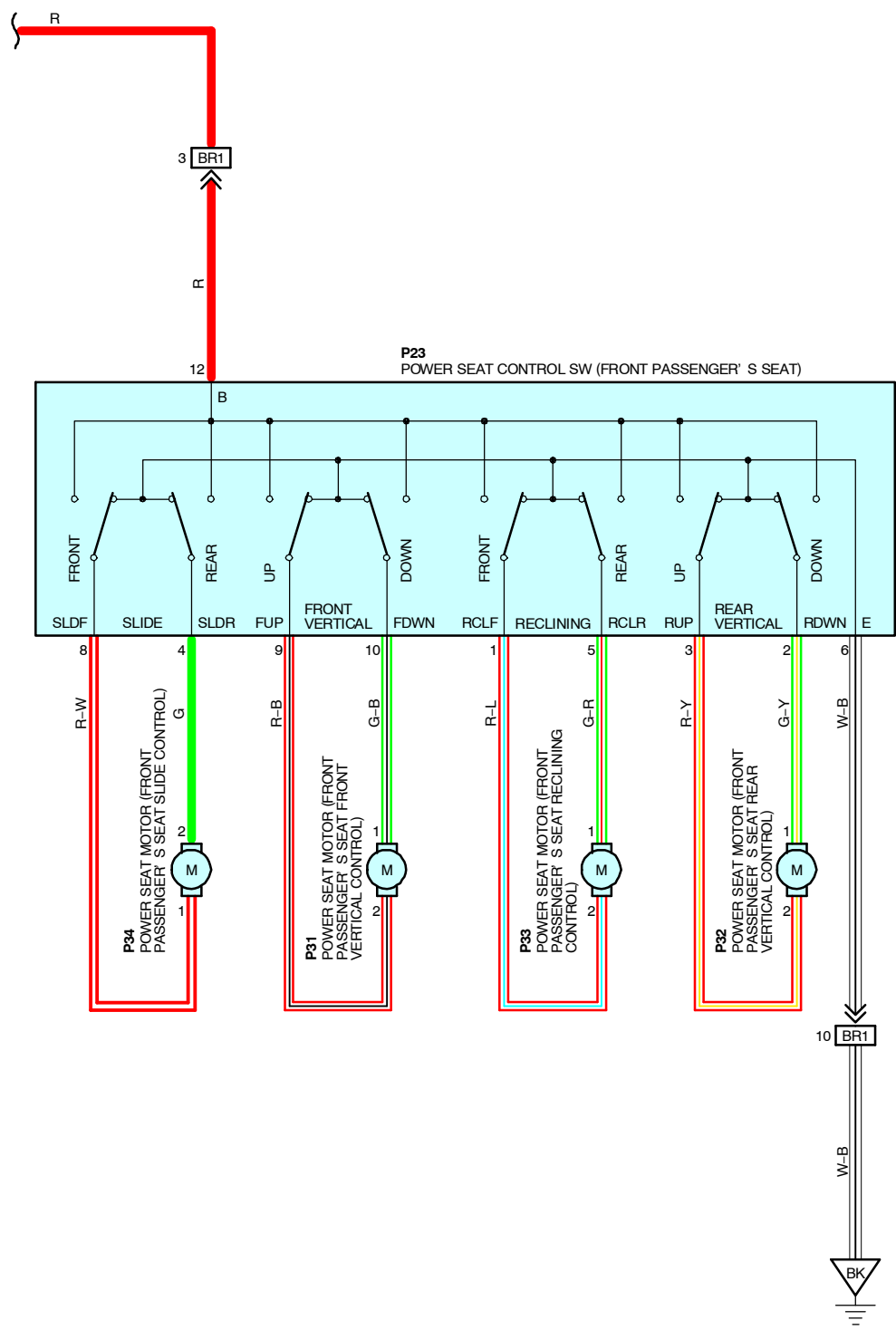


POWER SEAT

FROM POWER SOURCE SYSTEM (SEE PAGE 62)







SYSTEM OUTLINE

1. MANUAL SLIDE OPERATION (DRIVER'S SEAT)

When the slide SW is pressed to the front side, a signal is input to the power seat ECU **TERMINAL (A) 15**. This activates the power seat ECU and the current flows from power seat ECU **TERMINAL (B) 4** to power seat motor (Driver's seat slide control) **TERMINAL 2 to TERMINAL 1** to power seat ECU **TERMINAL (B) 3** to **GROUND**, and the seat slides forward while the slide SW is kept pressed.

When the slide SW is pressed to the rear side, a signal is input to the power seat ECU **TERMINAL (A) 16**, and the current flows from power seat ECU **TERMINAL (B) 3** to power seat motor (Driver's seat slide control) **TERMINAL 1 to TERMINAL 2** to power seat ECU **TERMINAL (B) 4** to **GROUND**, and the seat slides backward while the slide SW is kept pressed.

At this time, the power seat position sensor (Driver's seat slide control) constantly detects the position of the seat, and inputs a signal to the power seat ECU **TERMINAL (A) 14**.

2. MANUAL RECLINING CONTROL (DRIVER'S SEAT)

When the reclining SW is pressed to the front side, a signal is input to the power seat ECU **TERMINAL (A) 21**. This activates the power seat ECU and the current flows from power seat ECU **TERMINAL (B) 2** to power seat motor (Driver's seat reclining control) **TERMINAL 2 to TERMINAL 1** to power seat ECU **TERMINAL (B) 1** to **GROUND**, and the seat back reclines forward while the reclining SW is kept pressed.

When the reclining SW is pressed to the rear side, a signal is input to the power seat ECU **TERMINAL (A) 22**, and the current flows from power seat ECU **TERMINAL (B) 1** to power seat motor (Driver's seat reclining control) **TERMINAL 1 to TERMINAL 2** to power seat ECU **TERMINAL (B) 2** to **GROUND**, and the seat back reclines backward while the reclining SW is kept pressed.

At this time, the power seat position sensor (Driver's seat reclining control) constantly detects the position of the seat back, and inputs a signal to the power seat ECU **TERMINAL (A) 5**.

3. MANUAL FRONT VERTICAL CONTROL (DRIVER'S SEAT)

When the front side of the front vertical SW is pulled up, a signal is input to the power seat ECU **TERMINAL (A) 19**. This activates the power seat ECU and the current flows from power seat ECU **TERMINAL (B) 10** to power seat motor (Driver's seat front vertical control) **TERMINAL 1 to TERMINAL 2** to power seat ECU **TERMINAL (B) 9** to **GROUND**, and the front side of the seat cushion moves up while the front vertical SW is kept pressed.

When the power seat front vertical SW is pressed down, a signal is input to the power seat ECU **TERMINAL (A) 7**, and the current flows from power seat ECU **TERMINAL (B) 9** to power seat motor (Driver's seat front vertical control) **TERMINAL 2 to TERMINAL 1** to power seat ECU **TERMINAL (B) 10** to **GROUND**, and the front side of the seat cushion moves down while the front vertical SW is kept pressed.

At this time, the power seat position sensor (Driver's seat front vertical control) constantly detects the position of the seat cushion (front side), and inputs a signal to the power seat ECU **TERMINAL (A) 3**.

4. MANUAL REAR VERTICAL OPERATION (DRIVER'S SEAT)

When the rear side of the rear vertical SW is pulled up, a signal is input to the power seat ECU **TERMINAL (A) 17**. This activates the power seat ECU and the current flows from power seat ECU **TERMINAL (B) 6** to power seat motor (Driver's seat rear vertical control) **TERMINAL 1 to TERMINAL 2** to power seat ECU **TERMINAL (B) 5** to **GROUND**, and the all seat moves up while the rear vertical SW is kept pressed.

When the rear vertical SW is pressed down, a signal is input to the power seat ECU **TERMINAL (A) 18**, and the current flows from power seat ECU **TERMINAL (B) 5** to power seat motor (Driver's seat rear vertical control) **TERMINAL 2 to TERMINAL 1** to power seat ECU **TERMINAL (B) 6** to **GROUND**, and the all seat moves down while the rear vertical SW is kept pressed.

At this time, the power seat position sensor (Driver's seat rear vertical control) constantly detects the position of the all seat, and inputs a signal to the power seat ECU **TERMINAL (A) 4**.

5. MANUAL LUMBAR SUPPORT OPERATION (DRIVER'S SEAT)

When the lumbar support control SW (Driver's seat) is pressed to the front side, the current from the **POWER** fuse flows to the lumbar support control SW (Driver's seat) **TERMINAL 4 to TERMINAL 1** to power seat motor (Driver's seat lumbar support control) **TERMINAL 2 to TERMINAL 1** to lumbar support control SW (Driver's seat) **TERMINAL 2 to TERMINAL 3** to **GROUND**, and the lumbar support moves forward.

When the lumbar support control SW (Driver's seat) is pressed to the rear side, the current from the **POWER** fuse flows to the lumbar support control SW (Driver's seat) **TERMINAL 4 to TERMINAL 2** to power seat motor (Driver's seat lumbar support control) **TERMINAL 1 to TERMINAL 2** to lumbar support control SW (Driver's seat) **TERMINAL 1 to TERMINAL 3** to **GROUND**, and the lumbar support moves backward.

6. DRIVING POSITION MEMORY FUNCTION (DRIVER'S SEAT)

The seat motor rotation amount (How much the seat has been moved) is detected by the position sensor, and is input into the power seat ECU. The driving position memory SW allows recording and recalling the seat position memory. The recording and recalling is controlled through the communication control among the instrument ECU, tilt and telescopic ECU, remote control mirror ECU etc.

POWER SEAT

SERVICE HINTS

P24 (A), P25 (B) POWER SEAT ECU

- (A) 9-GROUND : Always approx. **12** volts
- (B) 8-GROUND : Always approx. **12** volts
- (B) 7-GROUND : Always continuity
- (A) 13-GROUND : Always continuity
- (A) 8-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (B) 1-GROUND : Approx. **12** volts with driver's seat at rear reclining operation
- (B) 2-GROUND : Approx. **12** volts with driver's seat at front reclining operation
- (B) 10-GROUND : Approx. **12** volts with driver's seat at front vertical up operation
- (B) 9-GROUND : Approx. **12** volts with driver's seat at front vertical down operation
- (B) 6-GROUND : Approx. **12** volts with driver's seat at rear vertical up operation
- (B) 5-GROUND : Approx. **12** volts with driver's seat at rear vertical down operation
- (B) 3-GROUND : Approx. **12** volts with driver's seat at rear slide operation
- (B) 4-GROUND : Approx. **12** volts with driver's seat at front slide operation

P22 POWER SEAT CONTROL SW (DRIVER'S SEAT)

- 12-1 : Closed with driver's seat at front reclining operation
- 12-5 : Closed with driver's seat at rear reclining operation
- 12-10 : Closed with driver's seat at front vertical up operation
- 12-9 : Closed with driver's seat at front vertical down operation
- 12-2 : Closed with driver's seat at rear vertical up operation
- 12-3 : Closed with driver's seat at rear vertical down operation
- 12-8 : Closed with driver's seat at front slide operation
- 12-4 : Closed with driver's seat at rear slide operation

L3 LUMBAR SUPPORT CONTROL SW (DRIVER'S SEAT)

- 4-GROUND: Always approx. **12** volts
- 3-GROUND: Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D30	40	P26	42	P34	42
I19 A	38	P27	42	P35	42
I20 B	38	P28	42	P36	42
L3	42	P29	42	P37	42
P22	42	P30	42	P38	42
P23	42	P31	42	R30	41
P24 A	42	P32	42	T9	39
P25 B	42	P33	42		

□ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
2B	24	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2E	24	Engine Room No. 2 Wire and Cowl Side J/B LH (Left Kick Panel)
2M	24	Front Door LH Wire and Cowl Side J/B LH (Left Kick Panel)
2N	24	Floor 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)

 : 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)
IC2		
ID2	46	Dash Wire and Floor Wire (Left Kick Panel)
IU2	50	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IU4		
BA1	54	Front Door LH Wire and Front Door LH Sub Wire (Front Door LH)
BP1	58	Floor Wire and Front Seat LH Wire (Front Side Under the Driver's Seat)
BQ1	58	Seat No. 2 Wire and Front Seat LH Wire (Rear Side Under the Driver's Seat)
BR1	58	Floor No. 2 Wire and Front Seat RH Wire (Front Side Under the Front Passenger's Seat)

 : GROUND POINTS

Code	See Page	Ground Points Location
IF	46	Set Bolt of Cowl Side J/B LH
BJ	54	Under the Driver's Seat
BK	54	Front Side Under the Front Passenger's Seat

 : SPLICE POINTS

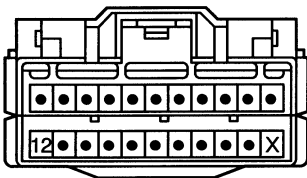
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B18	58	Front Seat LH Wire	B19	58	Front Seat LH Wire

POWER SEAT

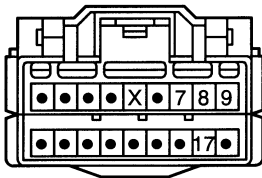
D30
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I19 (A)



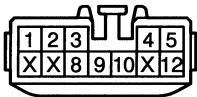
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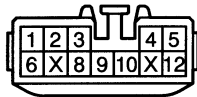
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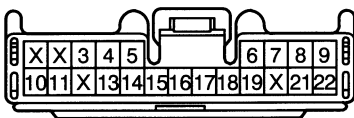
P22



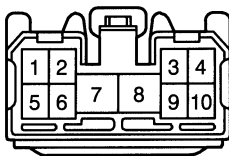
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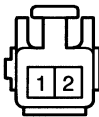
P24 (A)



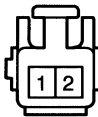
P25 (B)



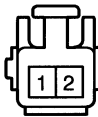
P26
ORANGE



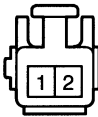
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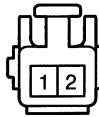
P28
BLUE



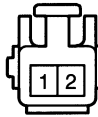
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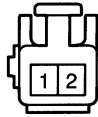
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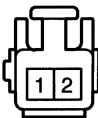
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ORANGE



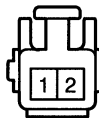
P32
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P33



P34
ORANGE



P35
ORANGE



P36
BLUE



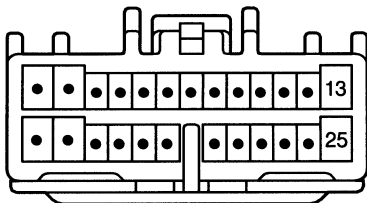
P37



P38



R30



T9