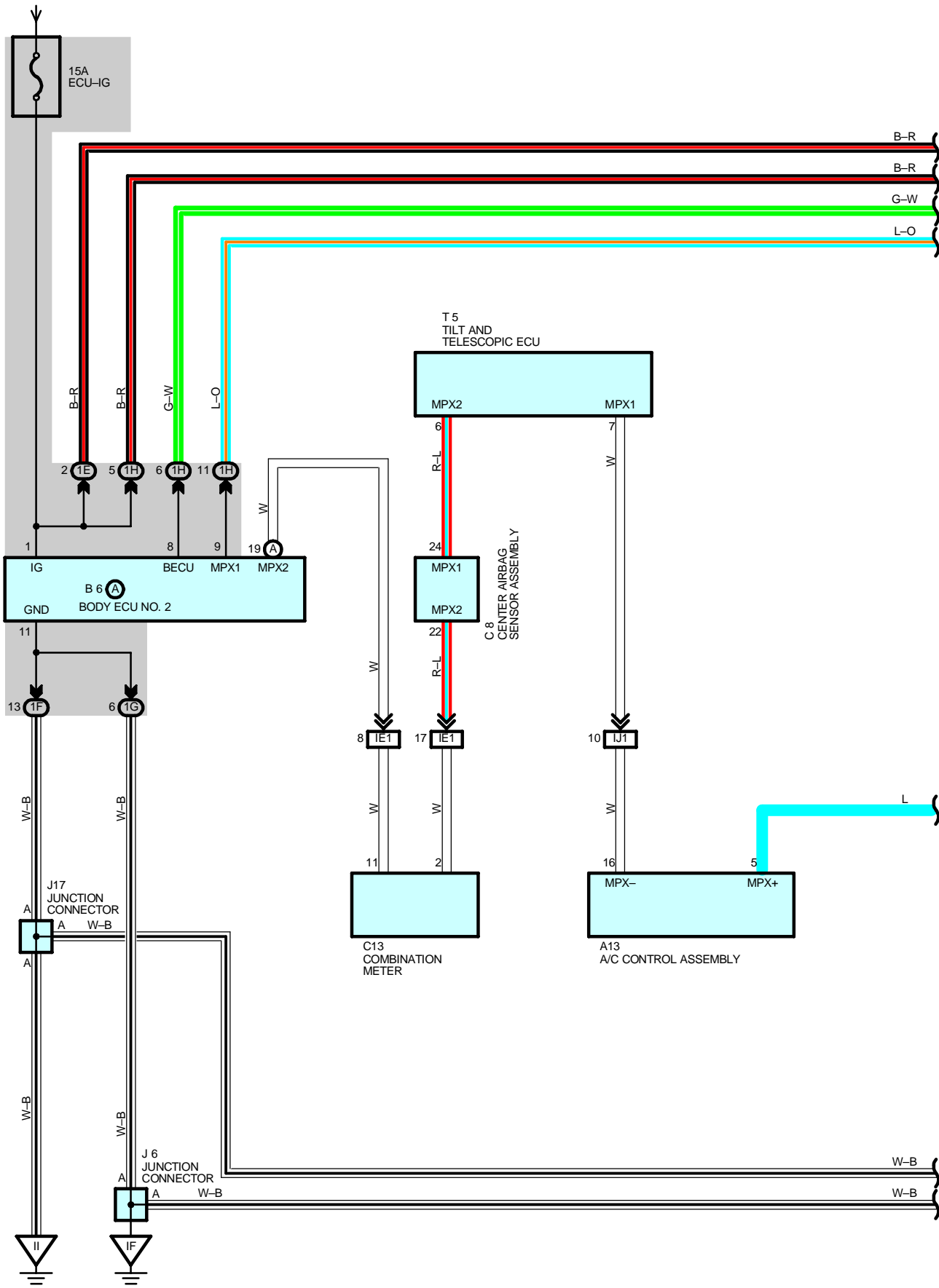
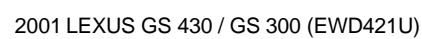


POWER SEAT (DRIVER'S SEAT w/ DRIVING POSITION MEMORY)

FROM POWER SOURCE SYSTEM (SEE PAGE 62)

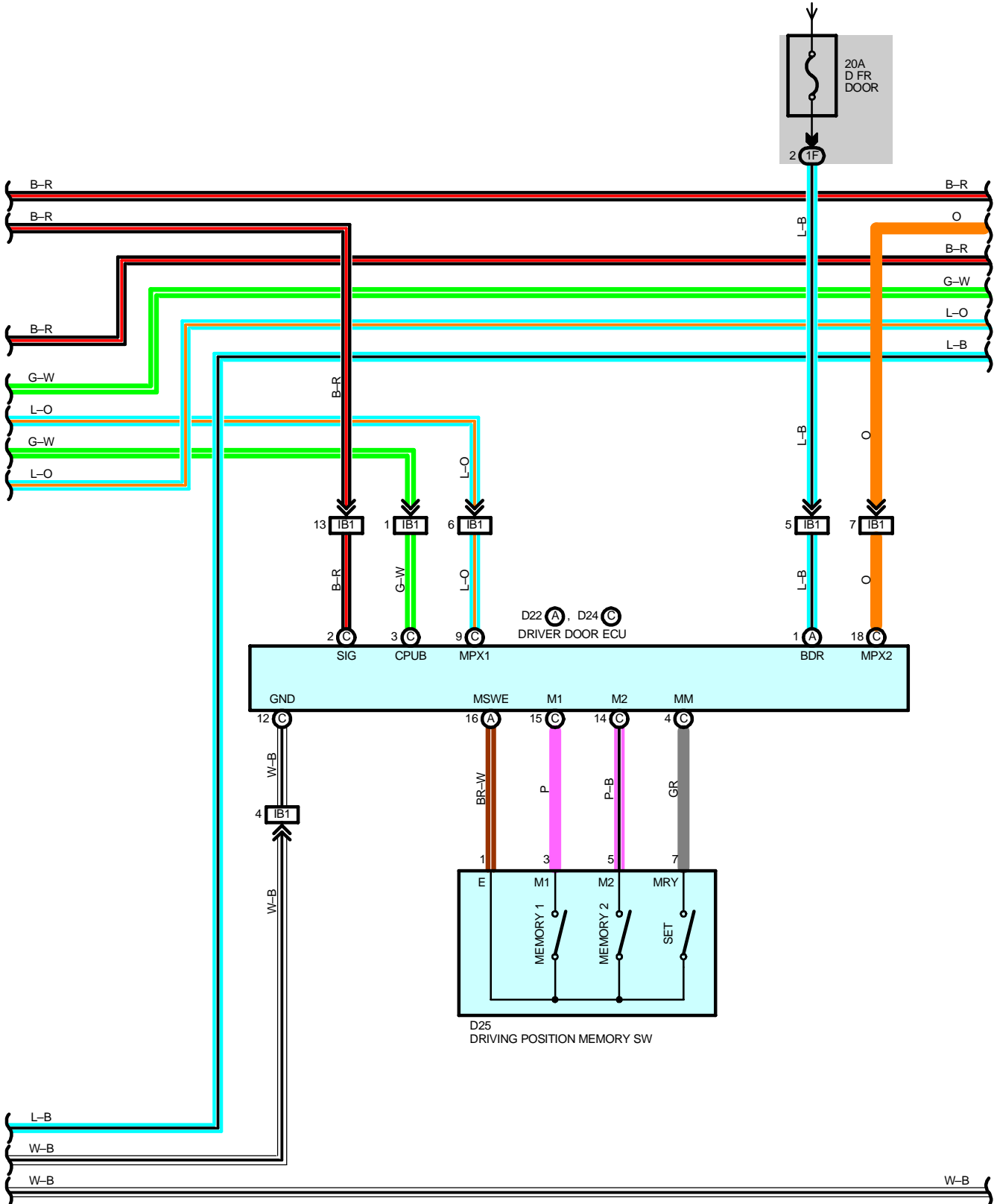


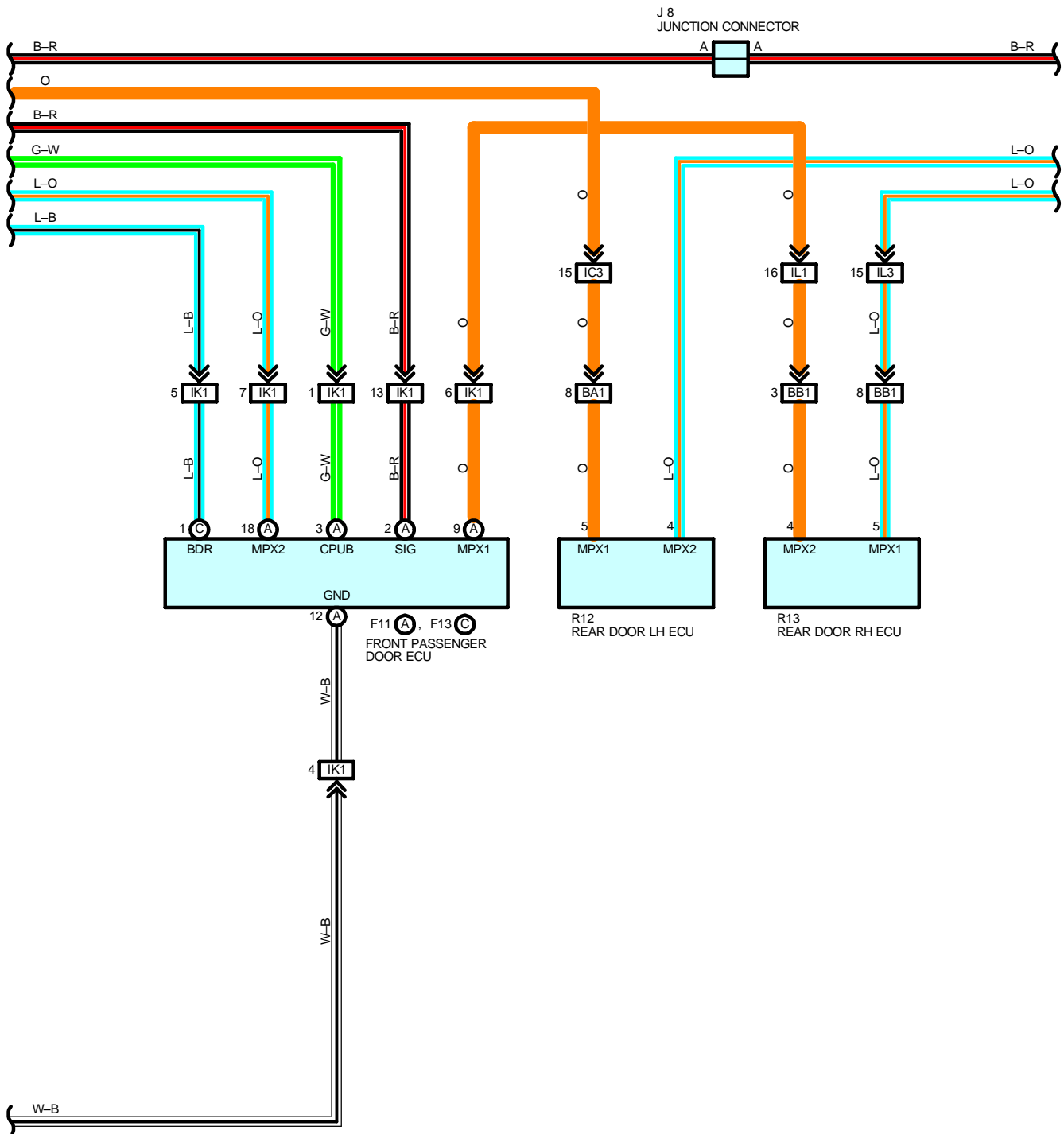
FROM POWER SOURCE SYSTEM (SEE PAGE 62)



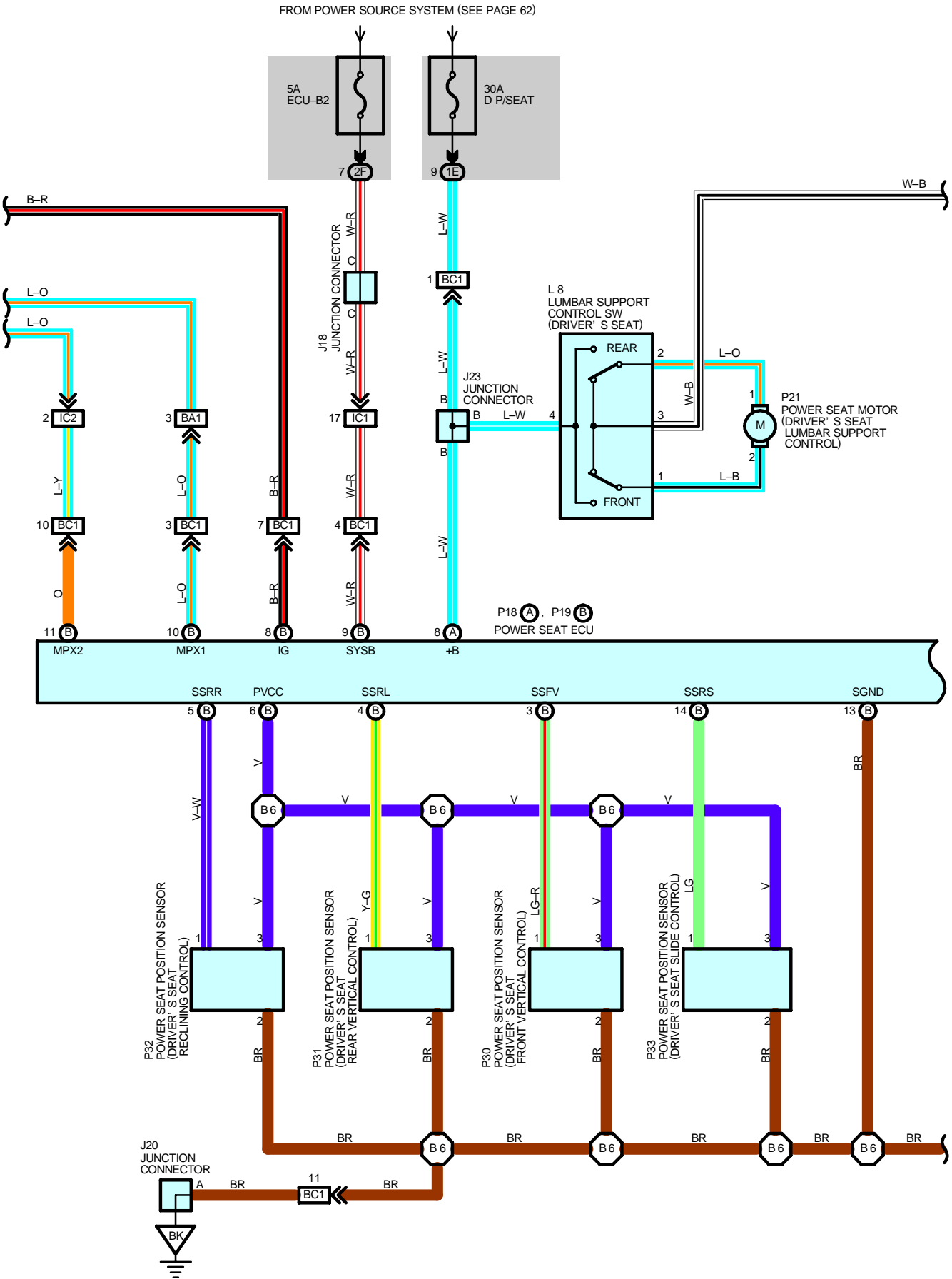
POWER SEAT (DRIVER'S SEAT w/ DRIVING POSITION MEMORY)

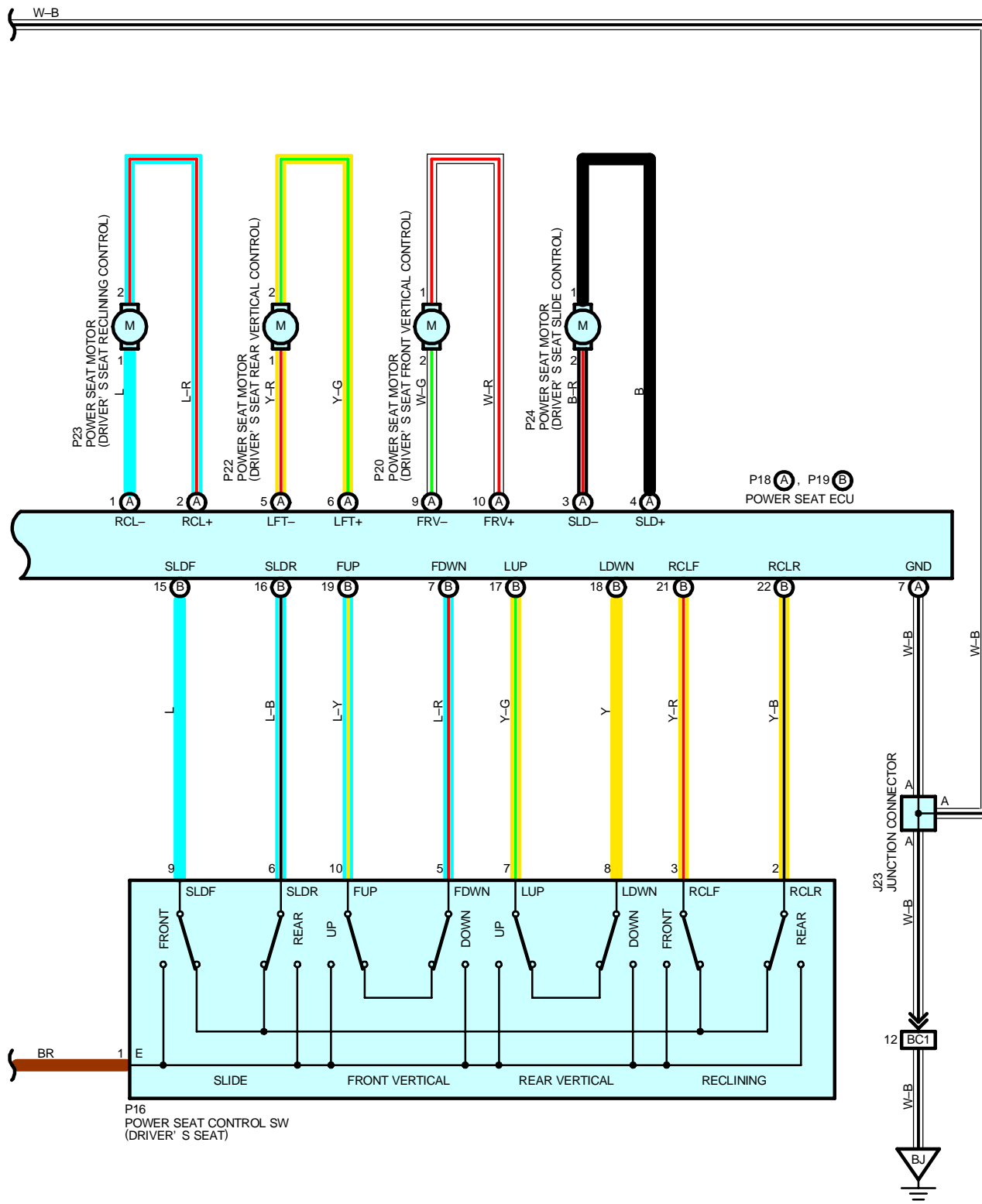
FROM POWER SOURCE SYSTEM (SEE PAGE 62)





POWER SEAT (DRIVER'S SEAT w/ DRIVING POSITION MEMORY)





POWER SEAT (DRIVER'S SEAT w/ DRIVING POSITION MEMORY)

SYSTEM OUTLINE

1. MANUAL SLIDE OPERATION

When the slide SW of the power seat control SW is pressed to FRONT position, the signal is input to TERMINAL (B) 15 of the power seat ECU. This activates the power seat ECU to flow the current into TERMINAL (A) 3 of the power seat ECU to TERMINAL 2 of the power seat motor (Slide control) to TERMINAL 1 to TERMINAL (A) 4 of the ECU to GROUND, to move the seat forward while the power seat control SW is kept pressed.

When the slide SW of the power seat control SW is pressed to the REAR position, the signal is input to TERMINAL (B) 16 of the power seat ECU. This activates the ECU to flow the current into TERMINAL (A) 4 of the power seat ECU, TERMINAL 1 of the power seat motor (Slide control) to TERMINAL 2 to TERMINAL (A) 3 of the ECU to GROUND, to move the seat back backward.

At this time, the power seat position sensor (Slide control) detects the seat position and always inputs it to TERMINAL (B) 14 of the power seat ECU.

2. MANUAL RECLINING CONTROL

When the reclining SW of the power seat control SW is pressed forward, the signal is input to TERMINAL (B) 21 of the power seat ECU. This activates the power seat ECU to flow the current into TERMINAL (A) 1 of the power seat ECU to TERMINAL 1 of the power seat motor (Reclining control) to TERMINAL 2 to TERMINAL (A) 2 of the ECU to GROUND, to tilt the seat back forward while the power seat control SW is kept pressed.

When the reclining SW of the power seat control SW is pressed backward, the signal is input to TERMINAL (B) 22 of the power seat ECU. This activates the ECU to flow the current into TERMINAL (A) 2 of the power seat ECU, TERMINAL 2 of the power seat motor (Reclining control) to TERMINAL 1 to TERMINAL (A) 1 of the ECU to GROUND, to tilt the seat backward.

At this time, the power seat position sensor (Reclining control) detects the seat back position and always inputs it to TERMINAL (B) 5 of the power seat ECU.

3. MANUAL FRONT VERTICAL CONTROL

When the front part of the slide SW of the power seat control SW is pushed up, the signal is input to TERMINAL (B) 19 of the power seat ECU. This activates the power seat ECU to flow the current into TERMINAL (A) 10 of the power seat ECU to TERMINAL 1 of the power seat motor (Front vertical control) to TERMINAL 2 to TERMINAL (A) 9 of the ECU to GROUND, to raise the front part of the seat cushion while the power seat control SW is kept pressed.

When the front part of the slide SW of the power seat control SW is pushed down, the signal is input to TERMINAL (B) 7 of the power seat ECU. This activates the power seat ECU to flow the current into TERMINAL (A) 9 of the power seat ECU, TERMINAL 2 of the power seat motor (Front vertical control) to TERMINAL 1 to TERMINAL (A) 10 of the ECU to GROUND, to lower the front part of the seat cushion while the power seat control SW is kept pressed.

At this time, the power seat position sensor (Front vertical control) detects the seat cushion position (Front) and always inputs the signal to TERMINAL (B) 3 of the power seat ECU.

4. MANUAL REAR VERTICAL OPERATION

When the rear part of the slide SW of the power seat control SW is pushed up, the signal is input to TERMINAL (B) 17 of the power seat ECU. This activates the power seat ECU to flow the current into TERMINAL (A) 6 of the power seat ECU to TERMINAL 2 of the power seat motor (Rear vertical control) to TERMINAL 1 to TERMINAL (A) 5 of the ECU to GROUND, to raise the seat while the power seat control SW is kept pressed.

When the rear part of the slide SW of the power seat control SW is pushed down, the signal is input to TERMINAL (B) 18 of the power seat ECU. This activates the ECU to flow the current into TERMINAL (A) 5 of the power seat ECU to TERMINAL 1 of the power seat motor (Rear vertical control) to TERMINAL 2 to TERMINAL (A) 6 of the ECU to GROUND, to lower the seat while the power seat control SW is kept pressed.

At this time, the power seat position sensor (Rear vertical control) detects the seat cushion position (Rear) and always inputs the signal to TERMINAL (B) 4 of the power seat ECU.

5. MANUAL LUMBAR SUPPORT OPERATION

When the lumbar support control SW is pressed forward, the current flows from the D P/SEAT fuse into TERMINAL 4 to TERMINAL 1 of the lumbar support control SW to TERMINAL 2 of the power seat motor (Lumbar support control) to TERMINAL 1 to TERMINAL 2 of the SW to TERMINAL 3 to GROUND, to move the lumbar support forward.

When the SW is pressed backward, the current from the D P/SEAT fuse flows into TERMINAL 4 to TERMINAL 2 of the lumbar support control SW to TERMINAL 1 of the power seat motor (Lumbar support control) to TERMINAL 2 to TERMINAL 1 of the SW to TERMINAL 3 to GROUND, to move the lumbar support backward.

6. DRIVING POSITION MEMORY FUNCTION

Each position sensor in the seat detects the number of rotations of the relevant motor (Seat movement amount) and inputs it to the ECU. This makes it possible to store and recall the seat position by operating the position memory SW. The driving seat position is stored and recalled through communication control of the body ECU and door ECU etc.

SERVICE HINTS

P18 (A), P19 (B) POWER SEAT ECU

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

P16 POWER SEAT CONTROL SW (DRIVER'S SEAT)

- 3-1 : Closed with Driver's seat at front reclining operation
- 2-1 : Closed with Driver's seat at rear reclining operation
- 10-1 : Closed with Driver's seat at front vertical up operation
- 5-1 : Closed with Driver's seat at front vertical down operation
- 7-1 : Closed with Driver's seat at rear vertical up operation
- 8-1 : Closed with Driver's seat at rear vertical down operation
- 9-1 : Closed with Driver's seat at front slide operation
- 6-1 : Closed with Driver's seat at rear slide operation

L8 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
A13	42	J7	43	P20	46
B5	A 42	J8	43	P21	46
B6	A 42	J10	43	P22	46
C8	42	J13	43	P23	46
C13	42	J15	43	P24	46
D22	A 44	J17	43	P30	46
D24	C 44	J18	43	P31	46
D25	44	J20	44	P32	46
E5	D	J23	46	P33	46
		L8	46	R12	45
F11	A 44	P16	46	R13	45
F13	C 44	P18	A 46	T5	43
J6	43	P19	B 46		

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room No.1 R/B (Engine Compartment Right)

POWER SEAT (DRIVER'S SEAT w/ DRIVING POSITION MEMORY)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1E	28	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
1F	28	Cowl Wire and Driver Side J/B (Left Kick Panel)
1G	29	
1H		
2B	30	
2F	30	Cowl Wire and Passenger Side J/B (Right Kick Panel)
2G	31	
2H		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	52	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IC1	52	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
IC2		
IC3		
IE1	52	Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column)
IJ1	54	Instrument Panel Wire and Cowl Wire (Left Side of the Blower Unit)
IK1	54	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IL1	54	Floor No.1 Wire and Cowl Wire (Right Kick Panel)
IL3		
BA1	56	Rear Door LH Wire and Floor No.2 Wire (Under the Center Pillar LH)
BB1	56	Rear Door RH Wire and Floor No.1 Wire (Under the Center Pillar RH)
BC1	58	Floor No.2 Wire and Front Seat LH Wire (Under the Driver's Seat)

: GROUND POINTS

Code	See Page	Ground Points Location
IF	52	Left Kick Panel
II	52	Right Side of the Cowl Panel
BJ	56	Rear Floor Partition Panel LH
BK	56	Quarter Panel LH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	54	Cowl Wire	B6	58	Front Seat LH Wire

