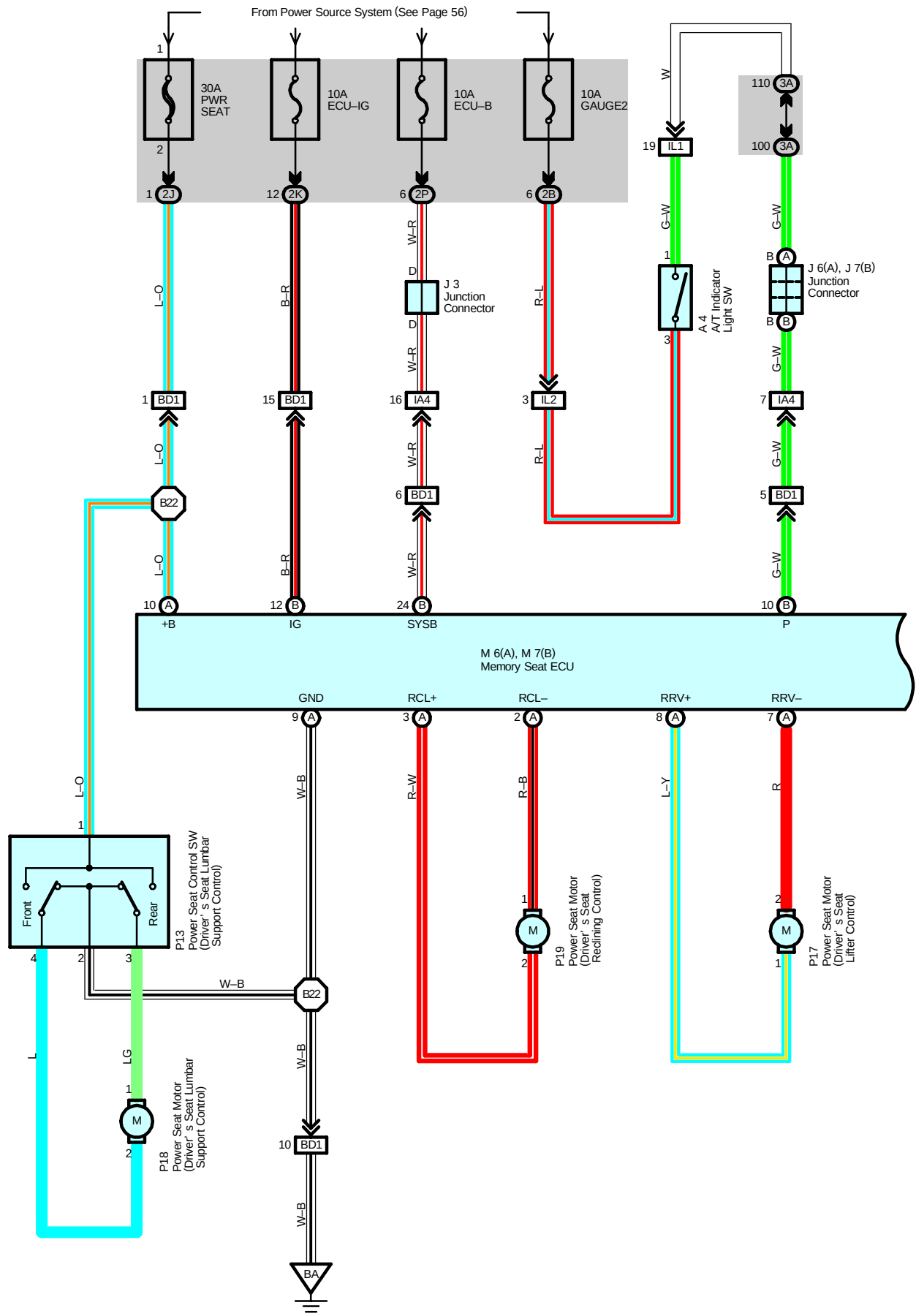
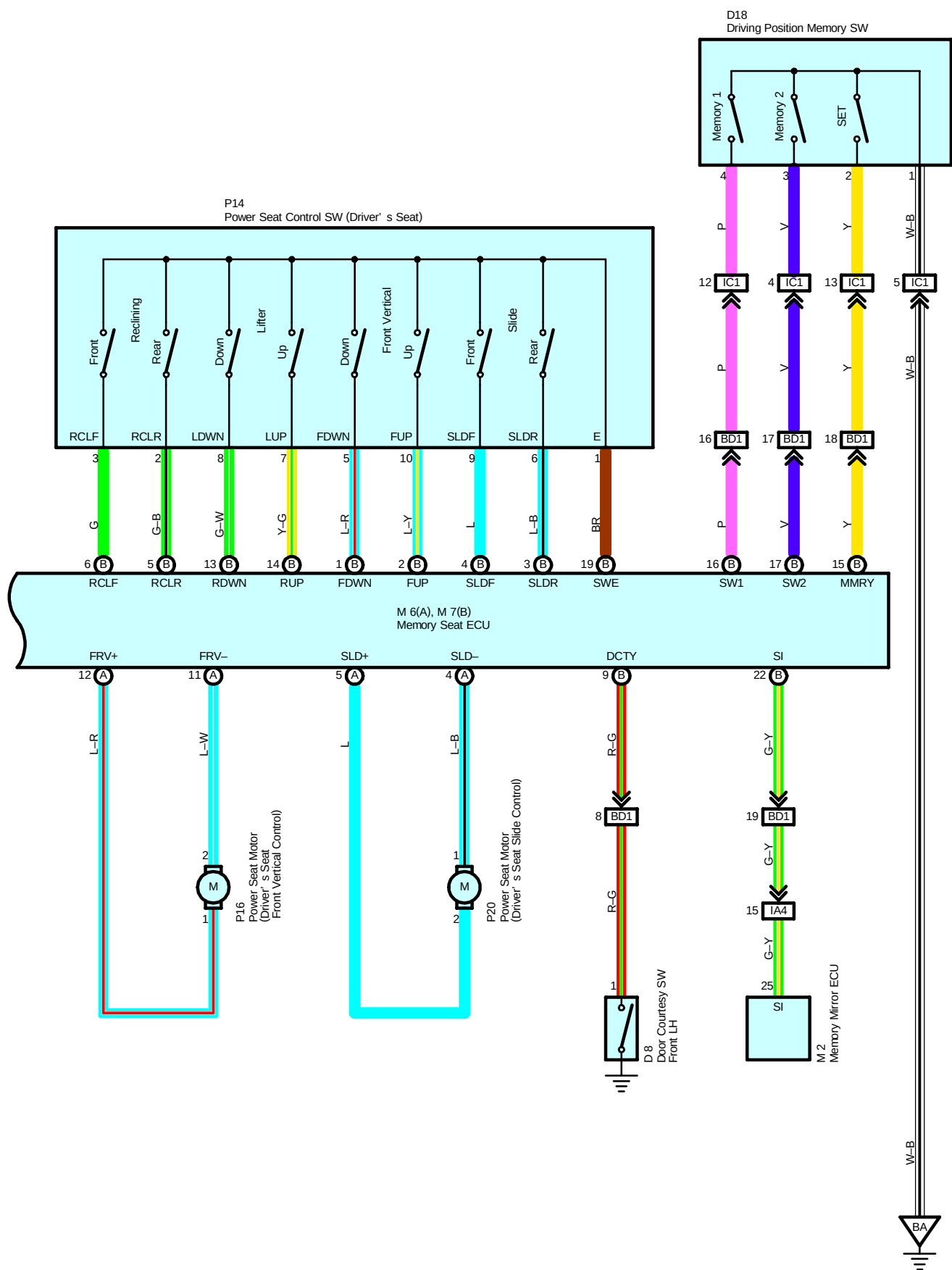


# Power Seat (Driver's Seat w/ Driving Position Memory)





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## System Outline

Current is always applied from ECU-B fuse to TERMINAL SYSB of the memory seat ECU, from PWR SEAT fuse to TERMINAL +B of the memory seat ECU.

With the ignition SW turned on, current flows from ECU-IG fuse to TERMINAL IG of the memory seat ECU and from the GAUGE2 fuse to TERMINAL 3 of the A/T indicator light SW.

### Power Seat Operation (Driver's Seat)

Current is always applied to TERMINAL SYSB and TERMINAL +B of the memory seat ECU so that memory seat ECU is always ready to operate.

When the power seat control SW is pushed to the "FRONT SLIDE position" side, a signal is input into TERMINAL SLDF of the memory seat ECU, the ECU operates and the current to TERMINAL +B of the memory seat ECU flows from TERMINAL SLD+ of the memory seat ECU to TERMINAL 2 of the power seat motor (Driver's seat slide control) to TERMINAL 1 to TERMINAL SLD- of the memory seat ECU to TERMINAL GND to GROUND, rotating the power seat motor so that the seat slides forward while the power seat control SW is being pressed.

To slide the driver's seat to the rear, pushing the power seat control SW to the "REAR SIDE position" side, inputs a signal to TERMINAL SLDR of the memory seat ECU. This causes the current flowing from the ECU to the motor to flow from TERMINAL SLD- of the memory seat ECU to TERMINAL 1 of the power seat motor (Driver's seat slide control) to TERMINAL 2 to TERMINAL SLD+ of the memory seat ECU, flowing the reverse to front slide operation and causing the motor to rotate in reverse, so that the driver's seat moves to the rear.

The movement to other positions occurs similarly, so only the flow of current to each motor is shown:

### Front Vertical Control Up Operation

TERMINAL +B of the memory seat ECU to TERMINAL FRV+ to TERMINAL 1 of the power seat motor (Driver's seat front vertical control) to TERMINAL 2 to TERMINAL FRV- of the ECU to TERMINAL GND to GROUND.

### Front Vertical Control Down Operation

TERMINAL +B of the memory seat ECU to TERMINAL FRV- to TERMINAL 2 of the power seat motor (Driver's seat front vertical control) to TERMINAL 1 to TERMINAL FRV+ of the ECU to TERMINAL GND to GROUND.

### Lifter Control Up Operation

TERMINAL +B of the memory seat ECU to TERMINAL RRV+ to TERMINAL 1 of the power seat motor (Driver's seat lifter control) to TERMINAL 2 to TERMINAL RRV- of the ECU to TERMINAL GND to GROUND.

### Lifter Control Down Operation

TERMINAL +B of the memory seat ECU to TERMINAL RRV- to TERMINAL 2 of the power seat motor (Driver's seat lifter control) to TERMINAL 1 to TERMINAL RRV+ of the ECU to TERMINAL GND to GROUND.

### Reclining Control Front Operation

TERMINAL +B of the memory seat ECU to TERMINAL RCL+ to TERMINAL 2 of the power seat motor (Driver's seat reclining control) to TERMINAL 1 to TERMINAL RCL- of the ECU to TERMINAL GND to GROUND.

### Reclining Control Rear Operation

TERMINAL +B of the memory seat ECU to TERMINAL RCL- to TERMINAL 1 of the power seat motor (Driver's seat reclining control) to TERMINAL 2 to TERMINAL RCL+ of the ECU to TERMINAL GND to GROUND.

Making it possible to perform memory and return functions for the seat position using the seat memory switch.

## Service Hints

### A4 A/T Indicator Light SW

3-1 : Closed with the shift lever at P position

### M6 (A), M7 (B) Memory Seat ECU

(A)10-Ground : Always approx. 12 volts

(B)10-Ground : Approx. 12 volts with the ignition SW at ON position and the shift lever at P position

(A) 5-Ground : Approx. 12 volts with the driver's seat at front slide operation

(A) 4-Ground : Approx. 12 volts with the driver's seat at rear slide operation

(A)12-Ground : Approx. 12 volts with the driver's seat at front vertical up operation

(A)11-Ground : Approx. 12 volts with the driver's seat at front vertical down operation

(A) 8-Ground : Approx. 12 volts with the driver's seat at lifter up operation

(A) 7-Ground : Approx. 12 volts with the driver's seat at lifter down operation

(A) 3-Ground : Approx. 12 volts with the driver's seat at front reclining operation

(A) 2-Ground : Approx. 12 volts with the driver's seat at rear reclining operation

(A) 9-Ground : Always continuity

(B)24-Ground : Always approx. 12 volts

### P14 Power Seat Control SW (Driver's Seat)

1-3 : Closed with the driver's seat at front reclining operation

1-2 : Closed with the driver's seat at rear reclining operation

1-9 : Closed with the driver's seat at front slide operation

1-6 : Closed with the driver's seat at rear slide operation

1-10 : Closed with the driver's seat at front vertical up operation

1-5 : Closed with the driver's seat at front vertical down operation

1-7 : Closed with the driver's seat at lifter up operation

1-8 : Closed with the driver's seat at lifter down operation

## ○ : Parts Location

| Code | See Page           | Code | See Page           | Code | See Page           |
|------|--------------------|------|--------------------|------|--------------------|
| A4   | <a href="#">36</a> | M2   | <a href="#">39</a> | P17  | <a href="#">42</a> |
| D8   | <a href="#">40</a> | M6   | <a href="#">42</a> | P18  | <a href="#">42</a> |
| D18  | <a href="#">40</a> | M7   | <a href="#">42</a> | P19  | <a href="#">42</a> |
| J3   | <a href="#">39</a> | P13  | <a href="#">42</a> | P20  | <a href="#">42</a> |
| J6   | <a href="#">39</a> | P14  | <a href="#">42</a> |      |                    |
| J7   | <a href="#">39</a> | P16  | <a href="#">42</a> |      |                    |

## ○ : Junction Block and Wire Harness Connector

| Code | See Page                                                    | Junction Block and Wire Harness (Connector Location)                     |
|------|-------------------------------------------------------------|--------------------------------------------------------------------------|
| 2B   | <a href="#">28</a>                                          | Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)           |
| 2J   | <a href="#">28</a>                                          | Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)                 |
| 2K   |                                                             |                                                                          |
| 2P   | <a href="#">29</a>                                          | Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)           |
| 3A   | <a href="#">34 (w/ VSC)</a><br><a href="#">35 (w/o VSC)</a> | Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH) |

## □ : Connector Joining Wire Harness and Wire Harness

| Code | See Page           | Joining Wire Harness and Wire Harness (Connector Location)       |
|------|--------------------|------------------------------------------------------------------|
| IA4  | <a href="#">46</a> | Instrument Panel Wire and Floor No.1 Wire (Left Kick Panel)      |
| IC1  | <a href="#">46</a> | Front Door LH Wire and Floor No.1 Wire (Left Kick Panel)         |
| IL1  | <a href="#">48</a> | Engine Wire and Instrument Panel Wire (Behind the Glove Box)     |
| IL2  |                    |                                                                  |
| BD1  | <a href="#">52</a> | Floor No.1 Wire and Front Seat LH Wire (Under the Driver's Seat) |

## ▽ : Ground Points

| Code | See Page           | Ground Points Location  |
|------|--------------------|-------------------------|
| BA   | <a href="#">50</a> | Under the Driver's Seat |

## Power Seat (Driver's Seat w/ Driving Position Memory)

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: Splice Points

| Code | See Page           | Wire Harness with Splice Points | Code | See Page | Wire Harness with Splice Points |
|------|--------------------|---------------------------------|------|----------|---------------------------------|
| B22  | <a href="#">52</a> | Front Seat LH Wire              |      |          |                                 |