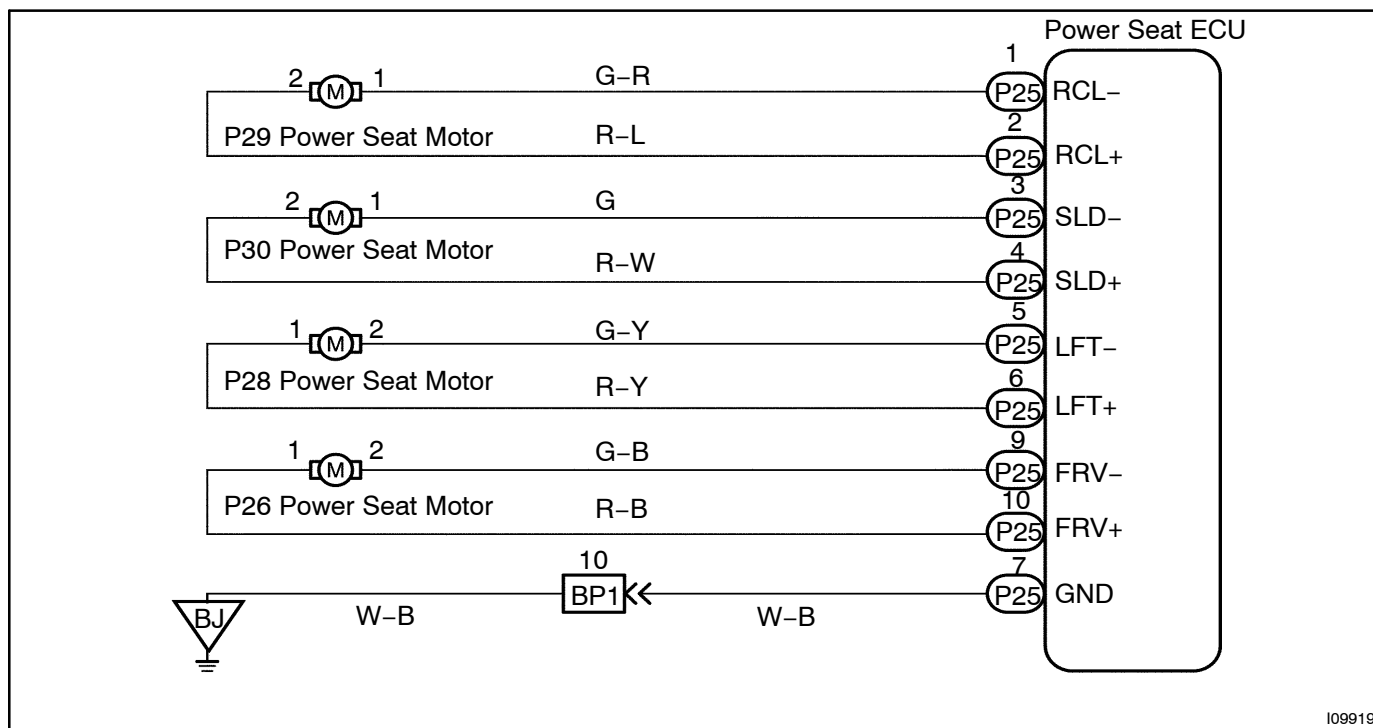


Motor Circuit

CIRCUIT DESCRIPTION

The Seat Position Control ECU controls the 4 motors for slide, front vertical, rear vertical and reclining.

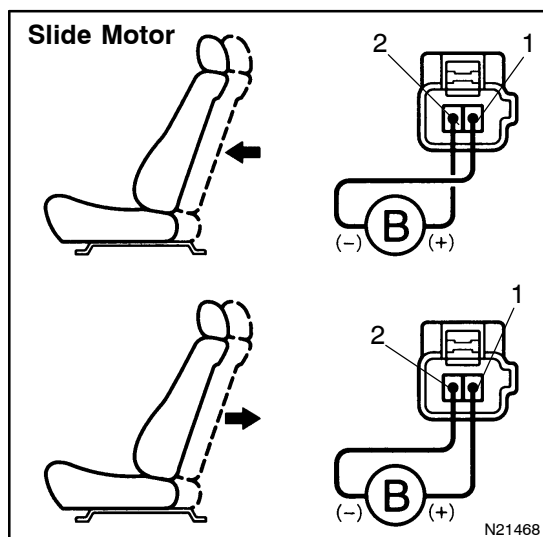
WIRING DIAGRAM



I09919

INSPECTION PROCEDURE

1 Check motor.



PREPARATION:

- Remove seat.
- Disconnect each motor connector.

CHECK:

Check seat movement when battery positive voltage is applied to each motor.

Slide Motor

CHECK:

Connect battery ⊕ to terminal 2 and battery ⊖ to terminal 1 of the slide motor connector.

OK:

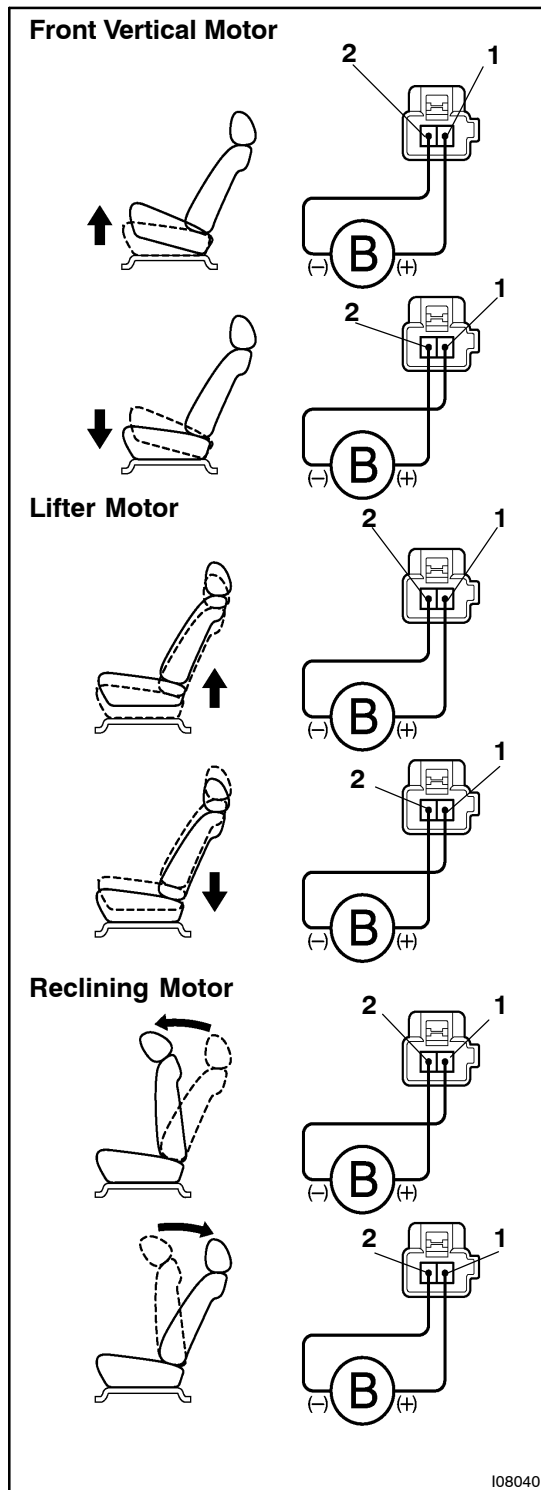
The seat moves forward.

CHECK:

Connect battery ⊖ to terminal 2 and battery ⊕ to terminal 1 of the slide motor connector.

OK:

The seat moves backward.

**Front Vertical Motor****CHECK:**

Connect battery $\oplus$ to terminal 1 and battery $\ominus$ to terminal 2 of the front vertical motor connector.

OK:

The front of the seat cushion rises.

CHECK:

Connect battery $\ominus$ to terminal 1 and battery $\oplus$ to terminal 2 of the front vertical motor connector.

OK:

The front of the seat cushion lowers.

Lifter Motor**CHECK:**

Connect battery $\oplus$ to terminal 1 and battery $\ominus$ to terminal 2 of the rear vertical motor connector.

OK:

The front of the seat cushion rises.

CHECK:

Connect battery $\ominus$ to terminal 1 and battery $\oplus$ to terminal 2 of the rear vertical motor connector.

OK:

The front of the seat cushion lowers.

Reclining Motor**CHECK:**

Connect battery $\oplus$ to terminal 2 and battery $\ominus$ to terminal 1 of the reclining motor connector.

OK:

The seat back returns to up right.

CHECK:

Connect battery $\ominus$ to terminal 2 and battery $\oplus$ to terminal 1 of the reclining motor connector.

OK:

The seat back is reclining.

NG

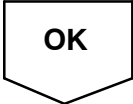
Replace motor.

OK

2	Check harness and connector between Power Seat ECU and motor (See page IN-34).
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Repair or replace harness or connector.

OK

Proceed to next circuit inspection shown on problem symptom table (See page [DI-631](#)).