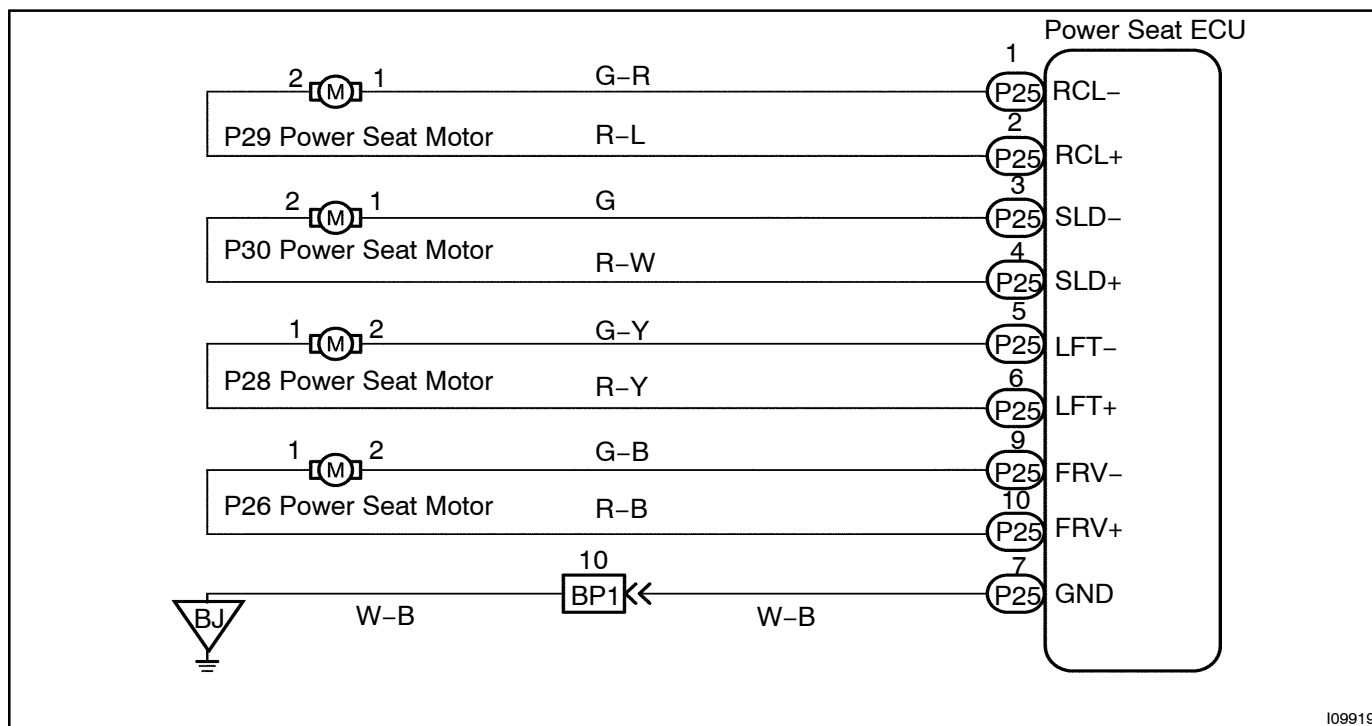


Motor Circuit

CIRCUIT DESCRIPTION

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

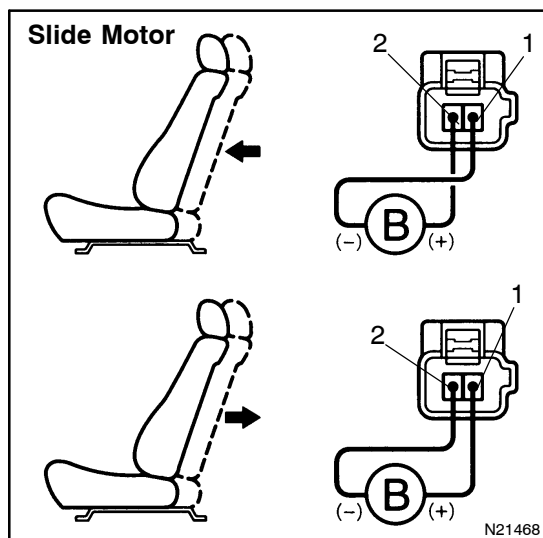
WIRING DIAGRAM



I09919

INSPECTION PROCEDURE

1 Check motor.



PREPARATION:

1. Remove seat.
2. Disconnect each motor connector.

CHECK:

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

Slide motor

CHECK:

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

OK:

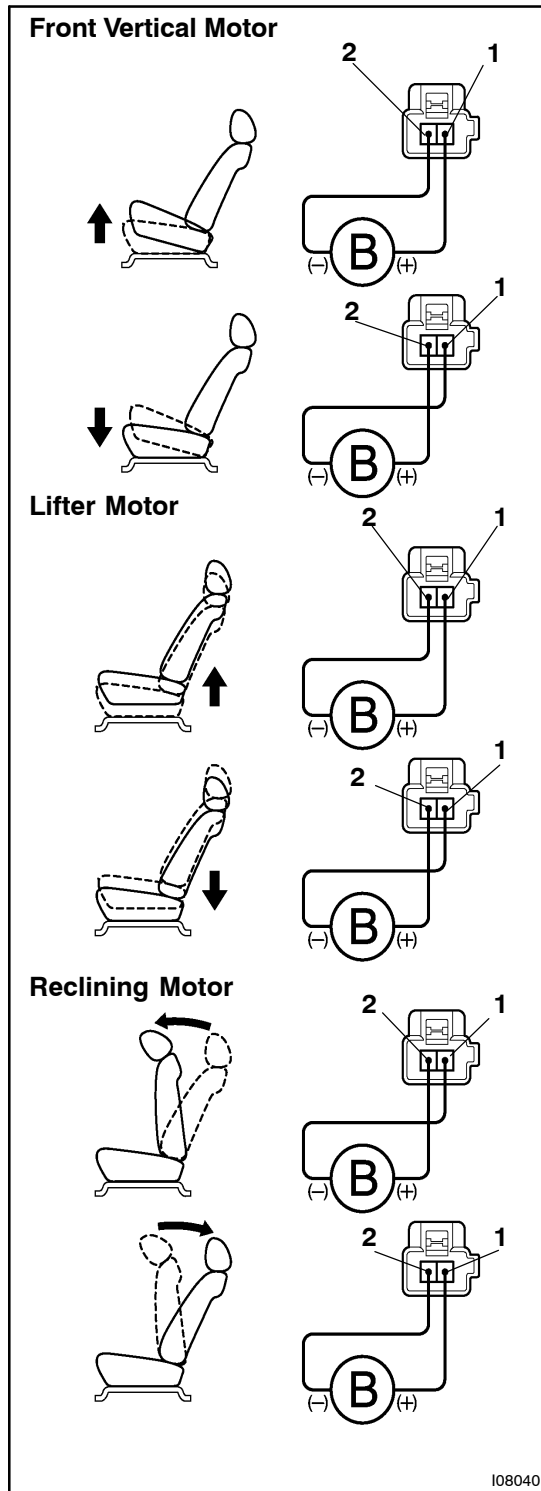
The seat moves forward.

CHECK:

Connect battery \ominus to terminal 2 and battery \oplus 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-33).
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NG

Repair or replace harness or connector.

OK

Proceed to next circuit inspection shown on
problem symptom table (See page [DI-567](#)).