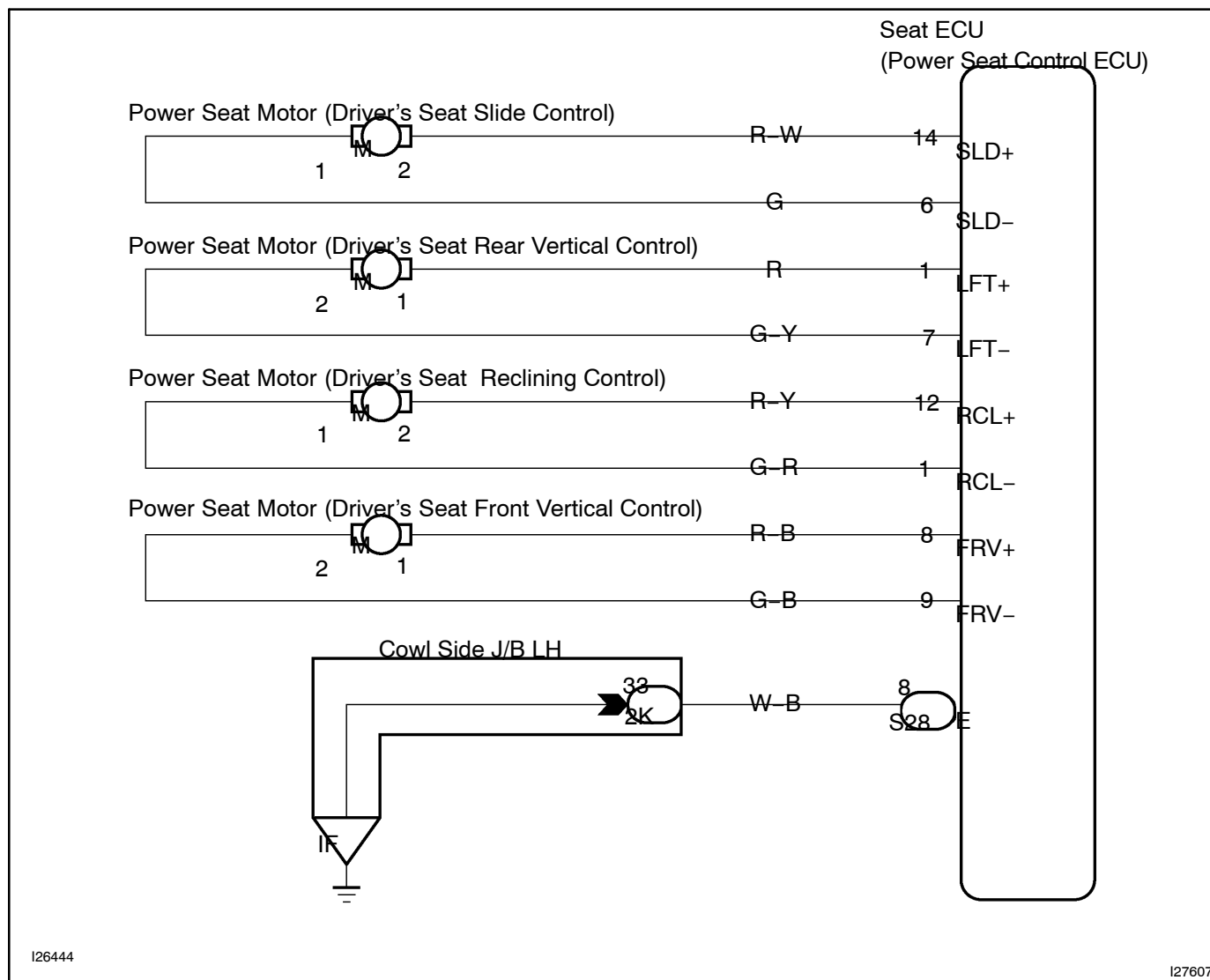


Motor Circuit

CIRCUIT DESCRIPTION

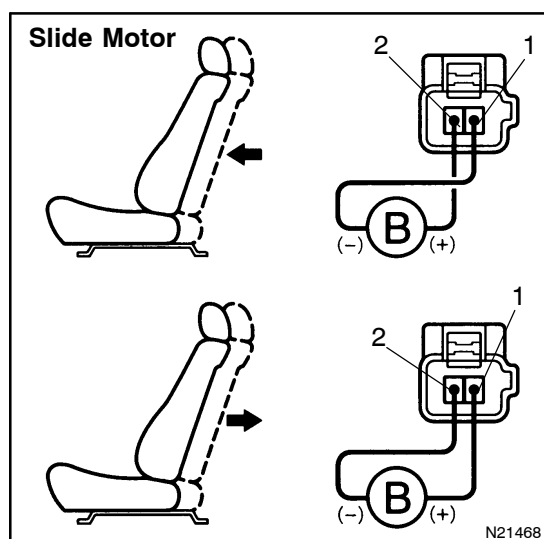
The Seat Position Control ECU controls the 4 motors for slide: front vertical, rear vertical and reclining.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check motor.

**PREPARATION:**

- (a) Remove the seat.
- (b) Disconnect each motor connector.

CHECK:

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

Slide Motor**CHECK:**

Connect battery positive (+) terminal to terminal 2 and battery negative (-) terminal to terminal 1 of the slide motor connector.

OK:

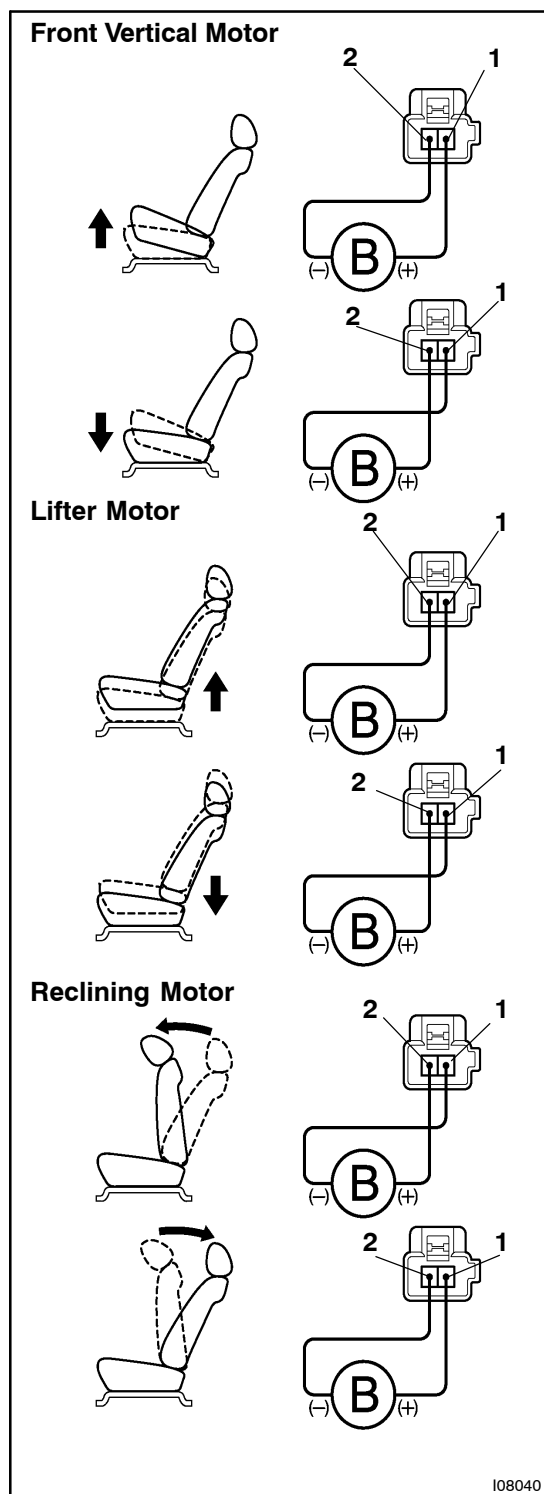
The seat moves forward.

CHECK:

Connect battery negative (-) terminal to terminal 2 and battery positive (+) terminal to terminal 1 of the slide motor connector.

OK:

The seat moves backward.

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

Connect battery positive (+) terminal to terminal 1 and battery negative (-) terminal to terminal 2 of the front vertical motor connector.

OK:

The front of the seat cushion rises.

CHECK:

Connect battery negative (-) terminal to terminal 1 and battery positive (+) terminal to terminal 2 of the front vertical motor connector.

OK:

The front of the seat cushion lowers.

Lifter Motor**CHECK:**

Connect battery positive (+) terminal to terminal 1 and battery negative (-) terminal to terminal 2 of the rear vertical motor connector.

OK:

The front of the seat cushion rises.

CHECK:

Connect battery negative (-) terminal to terminal 1 and battery positive (+) terminal to terminal 2 of the rear vertical motor connector.

OK:

The front of the seat cushion lowers.

Reclining Motor**CHECK:**

Connect battery positive (+) terminal to terminal 2 and battery negative (-) terminal to terminal 1 of the reclining motor connector.

OK:

The seat back returns to up right.

CHECK:

Connect battery negative (-) terminal to terminal 2 and battery positive (+) terminal to terminal 1 of the reclining motor connector.

OK:

The seat back is reclining.

NG

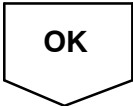
Replace motor.

OK

2	Check harness and connector between Power Seat ECU and motor (See page IN-36).
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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-1127](#)).