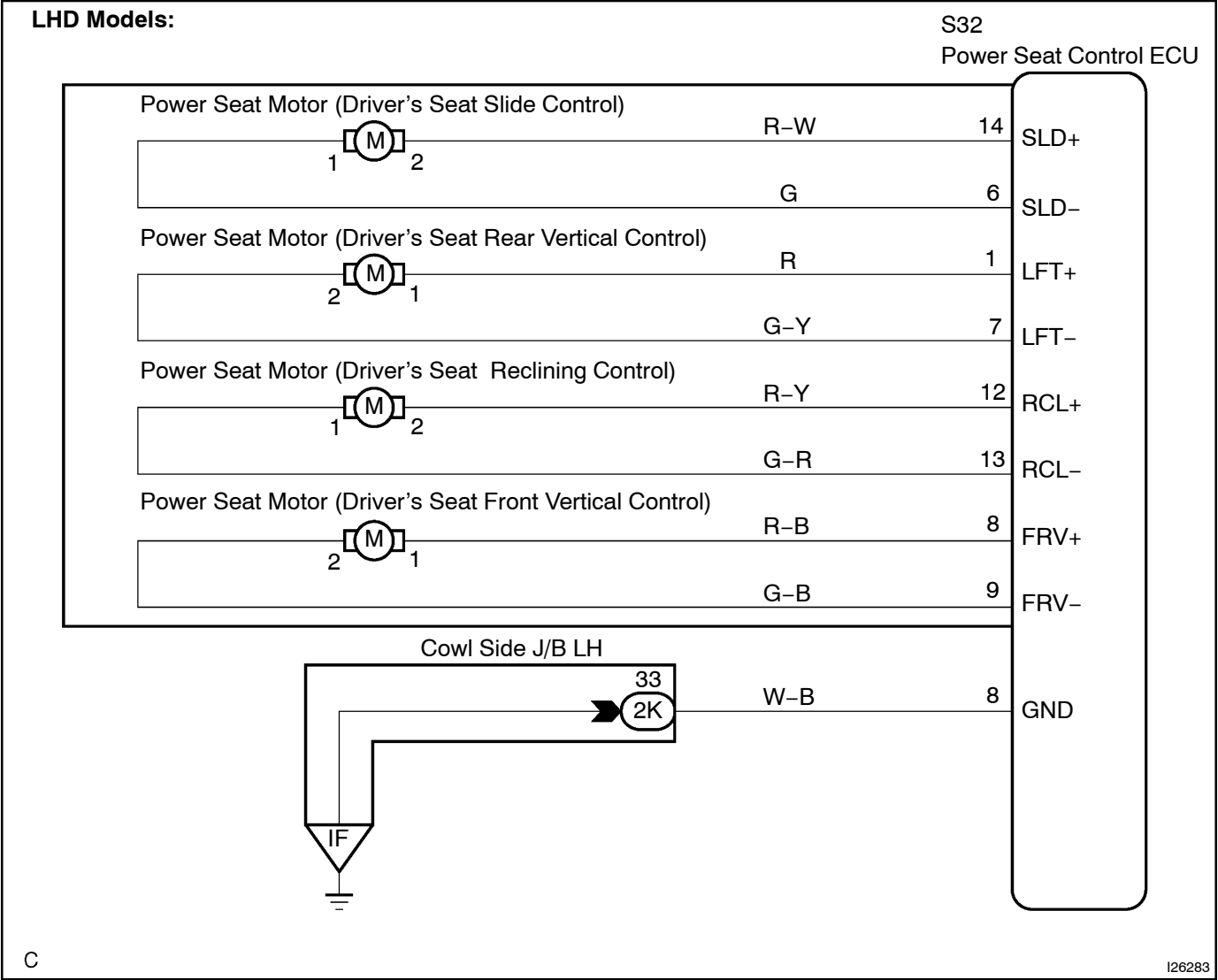


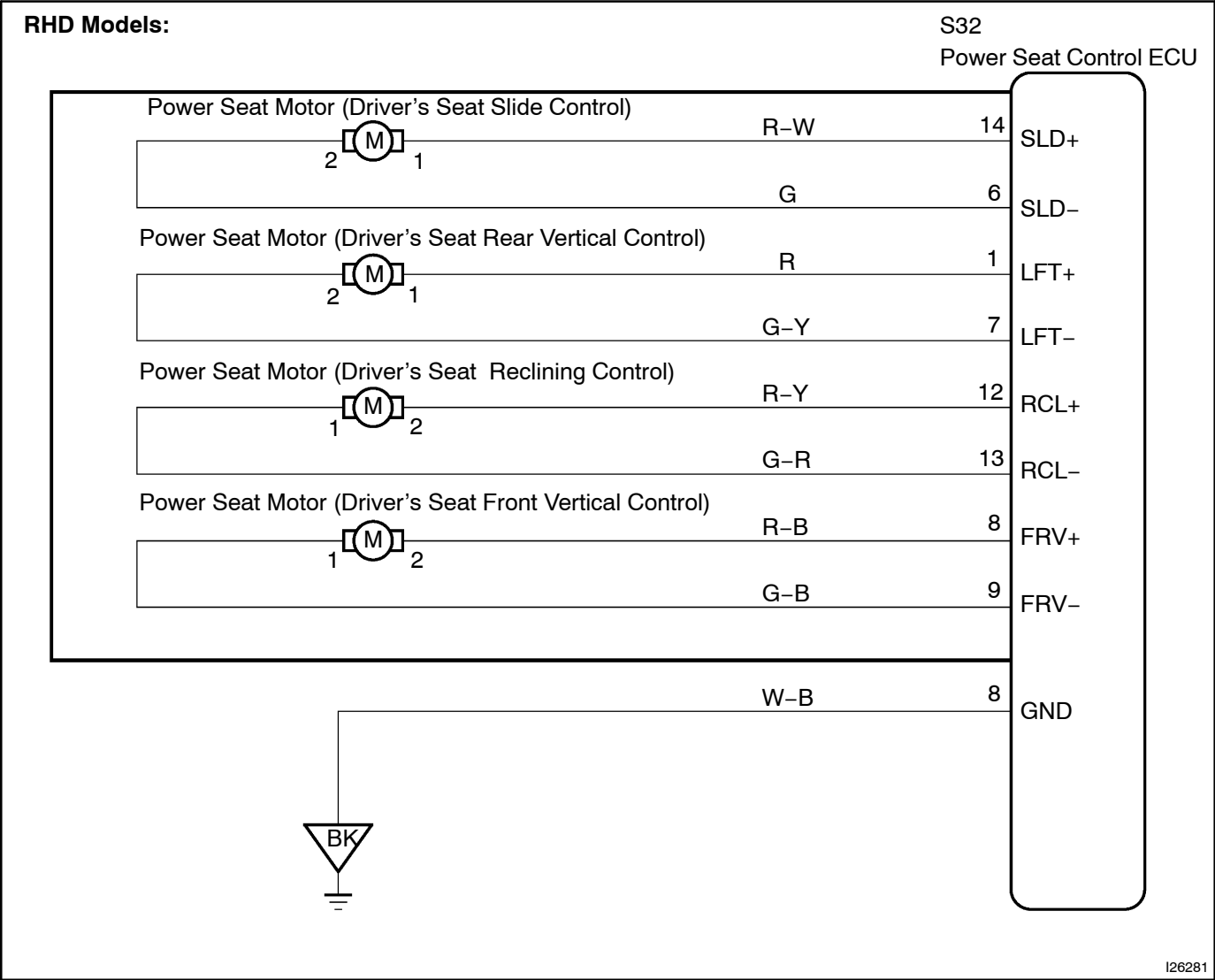
# Motor Circuit

## CIRCUIT DESCRIPTION

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

## WIRING DIAGRAM

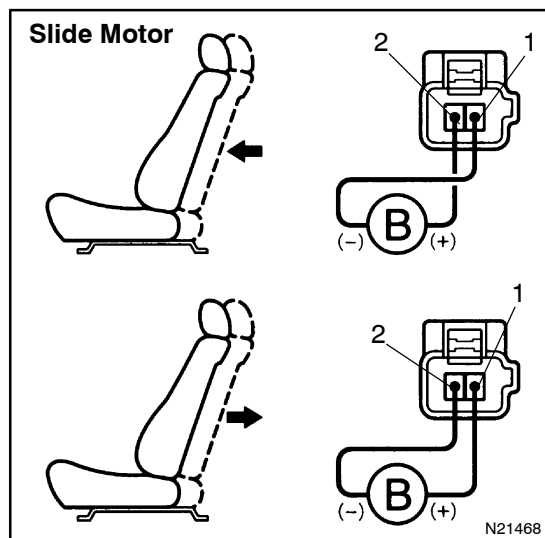




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## INSPECTION PROCEDURE

## 1 Check motor.

**PREPARATION:**

- (a) Remove seat.
- (b) 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:**

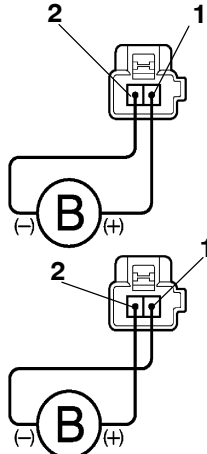
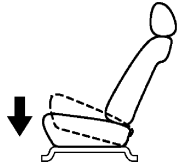
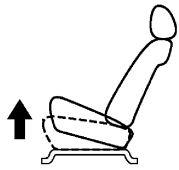
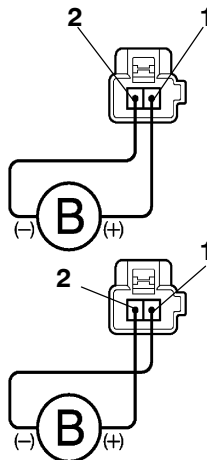
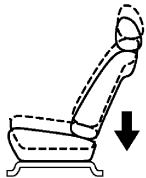
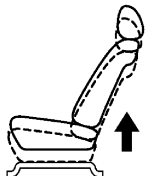
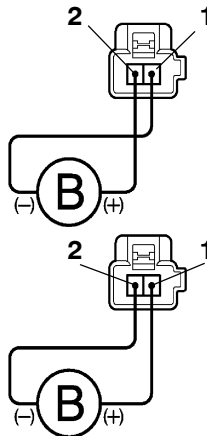
The seat moves forward.

**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****Lifter Motor****Reclining Motor**

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**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-38](#)).****NG****Repair or replace harness or connector.****OK****Proceed to next circuit inspection shown on problem symptom table ([See page DI-786](#)).**