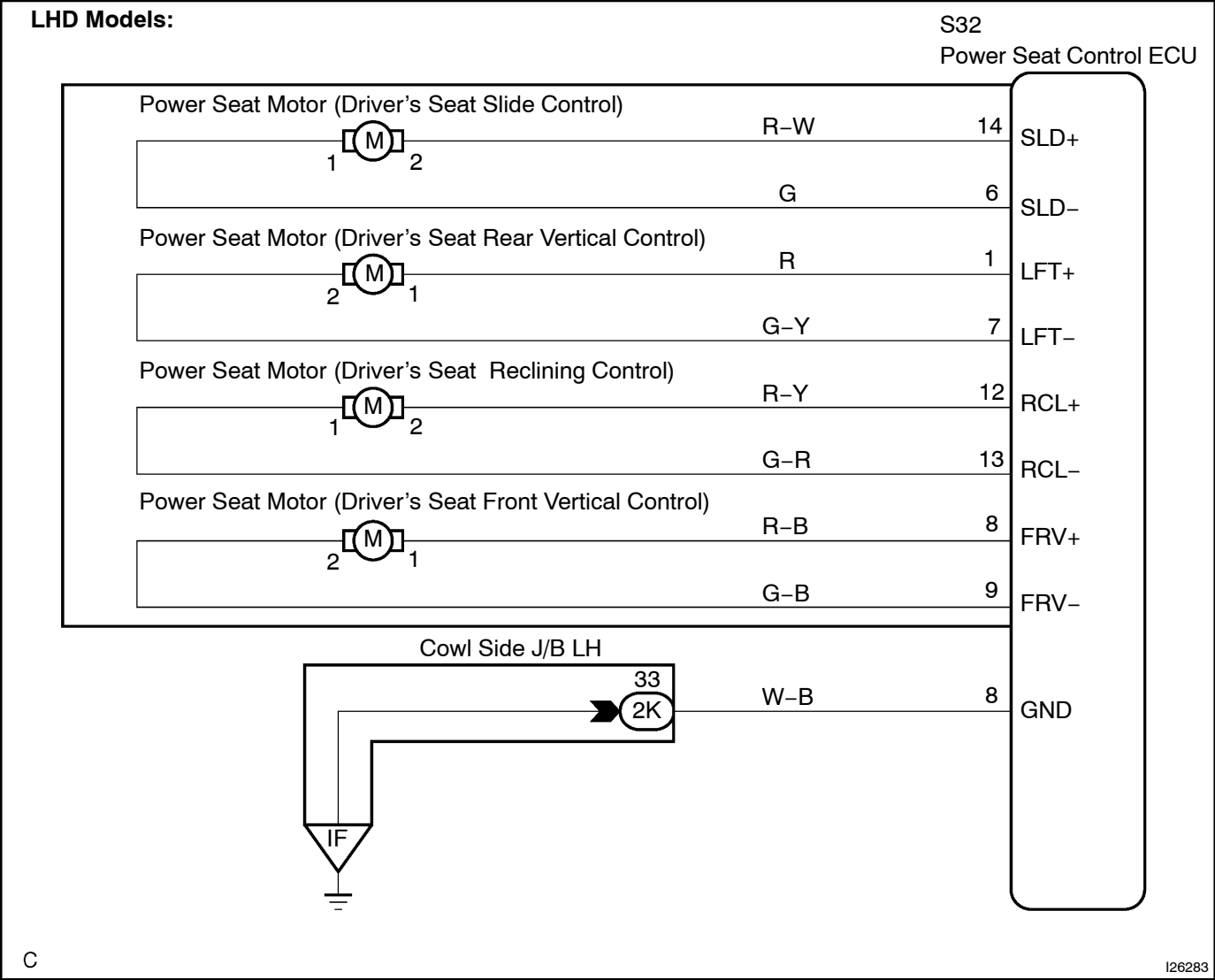


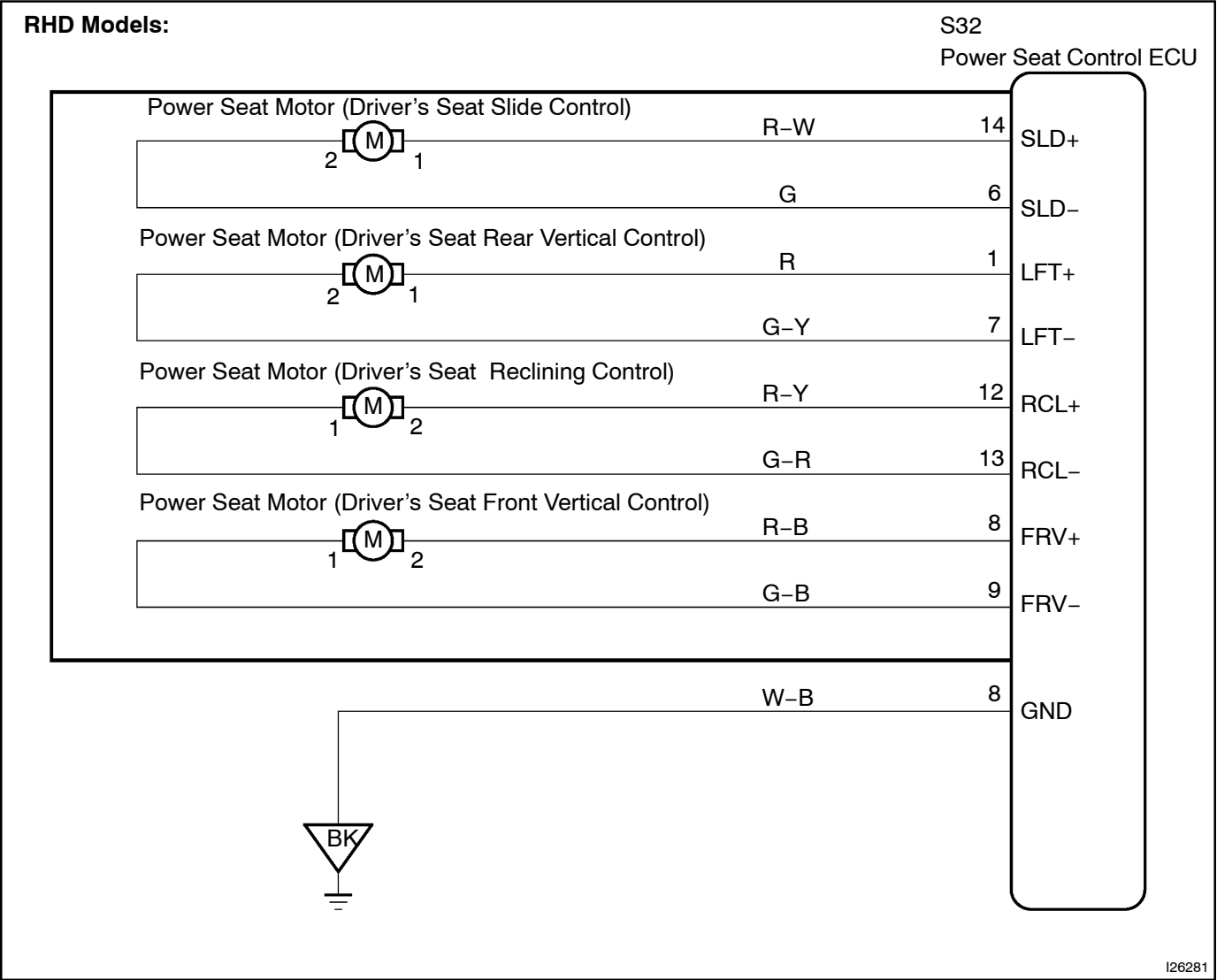
Motor Circuit

CIRCUIT DESCRIPTION

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

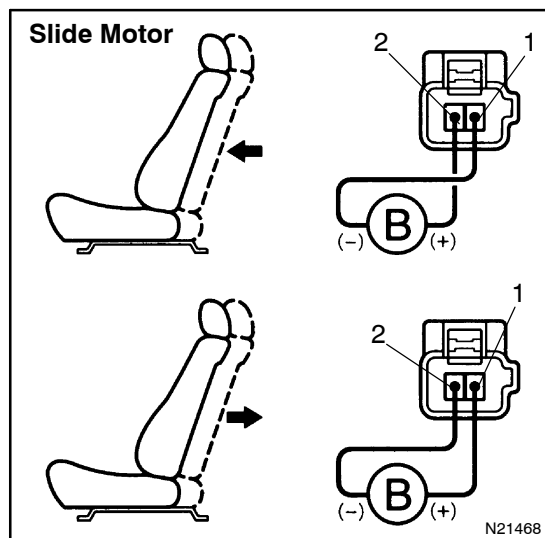
WIRING DIAGRAM





## INSPECTION PROCEDURE

## 1 Check motor.

**PREPARATION:**

- (a) Remove 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:**

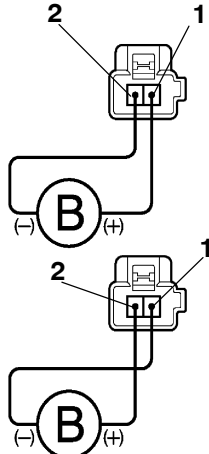
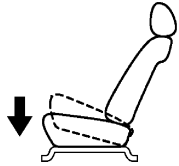
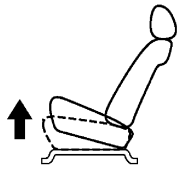
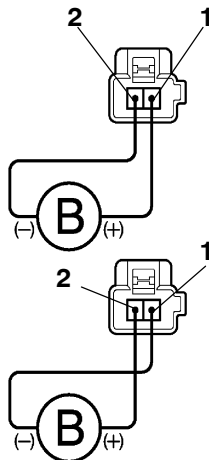
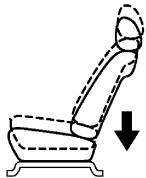
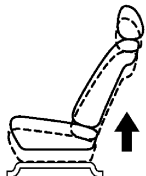
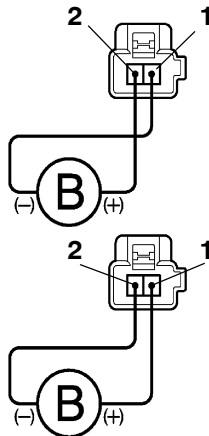
**The seat moves forward.**

**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**

108040

**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](#)).