DI3T0–01

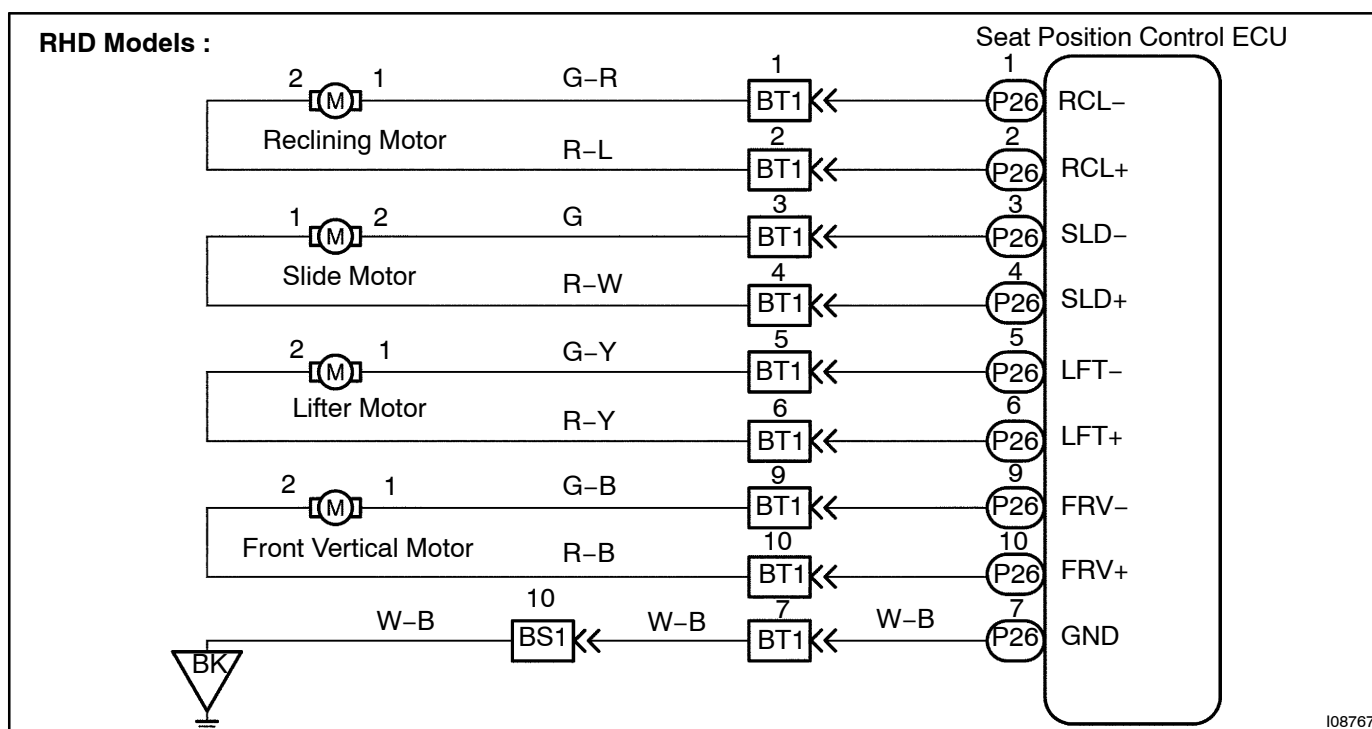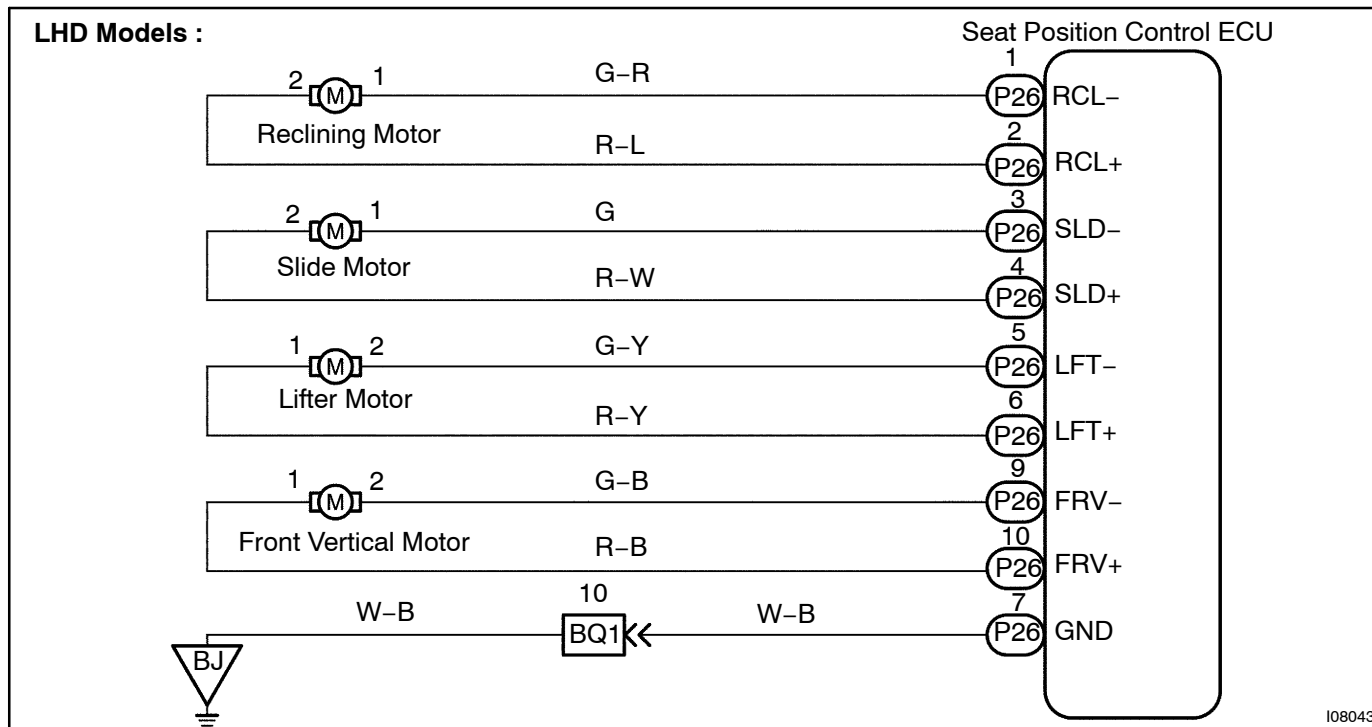# Motor Circuit

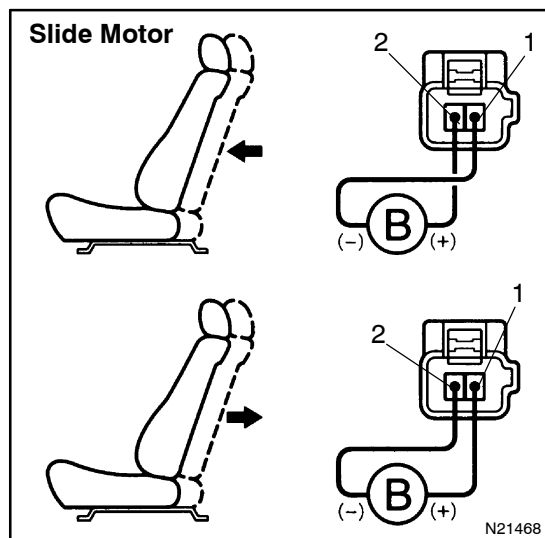## CIRCUIT DESCRIPTION

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

WIRING DIAGRAM

LHD Models :

I08043

RHD Models :

I08767

INSPECTION PROCEDURE

1	Check motor.

Slide Motor

N21468

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:
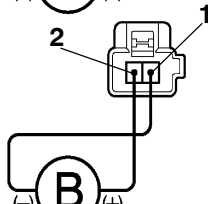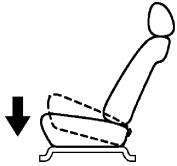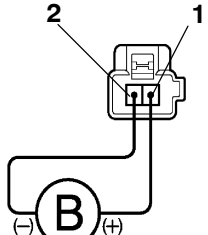Connect battery ⊕ to terminal 2 and battery ⊖ to terminal 1 of the slide motor connector.
OK:
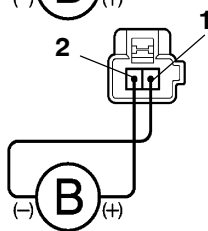**The seat moves forward.**
CHECK:
Connect battery ⊖ to terminal 2 and battery ⊕ to terminal 1 of the slide motor connector.
OK:
The seat moves backward.

Front Vertical Motor

Lifter Motor
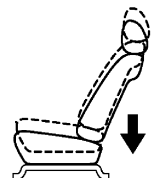
Reclining Motor

I08040

Front vertical motor
CHECK:
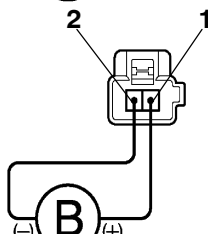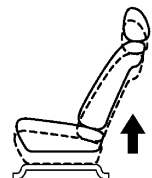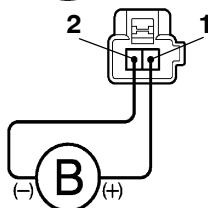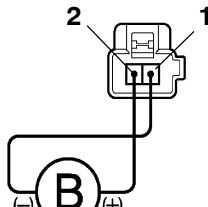Connect battery ⊕ to terminal 1 and battery ⊖ to terminal 2 of the front vertical motor connector.
OK:
The front of the seat cushion rises.
CHECK:
Connect battery ⊖ to terminal 1 and battery ⊕ to terminal 2 of the front vertical motor connector.
OK:
The front of the seat cushion lowers.

Lifter motor
CHECK:
Connect battery ⊕ to terminal 1 and battery ⊖ to terminal 2 of the rear vertical motor connector.
OK:
The rear of the seat cushion rises.
CHECK:
Connect battery ⊖ to terminal 1 and battery ⊕ to terminal 2 of the rear vertical motor connector.
OK:
The rear of the seat cushion lowers.

Reclining motor
CHECK:
Connect battery ⊕ to terminal 2 and battery ⊖ to terminal 1 of the reclining motor connector.
OK:
The seat back returns to up right.
CHECK:
Connect battery ⊖ to terminal 2 and battery ⊕ to terminal 1 of the reclining motor connector.
OK:
The seat back is reclining.

NG ⟩ **Replace motor.**

OK

2	Check harness and connector between Seat Position Control ECU and motor (See page IN–35).

NG ▷ Repair or replace harness or connector.

OK

Proceed to next circuit inspection shown on matrix chart (See page DI–568).