

## Reclining, Front Vertical, Rear Vertical Switch and Motor Circuit

### CIRCUIT DESCRIPTION

When the reclining switch is turned to forward reclining, the seat back returns to upright.

When the reclining switch is turned to rear reclining, the seat back reclines.

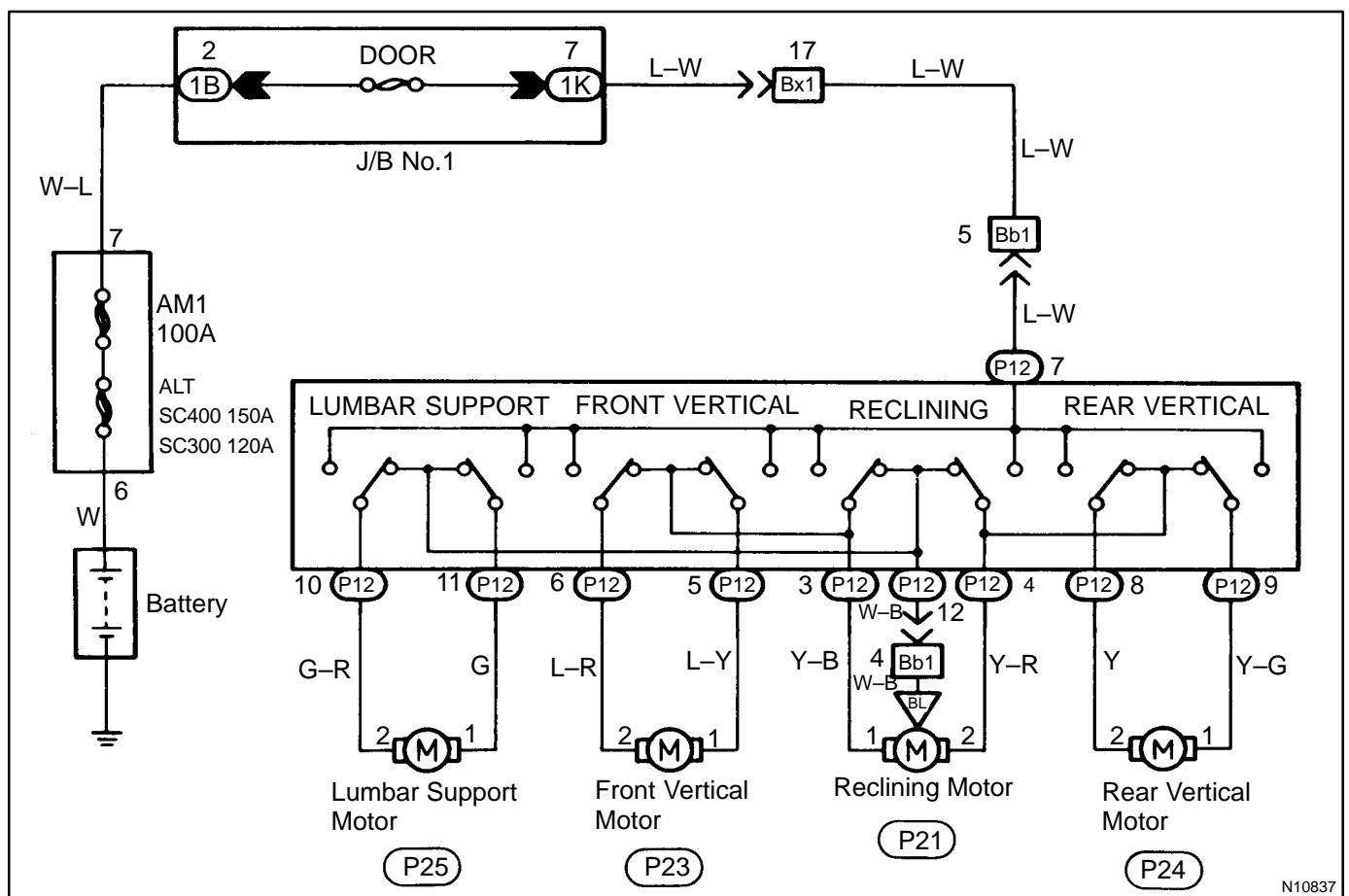
When the front vertical switch is turned to upward, the front of the seat cushion moves upward.

When the front vertical switch is turned to downward, the front of the seat cushion moves downward.

When the rear vertical switch is turned to upward, the rear of the seat cushion moves upward.

When the rear vertical switch is turned to downward, the rear of the seat cushion moves downward.

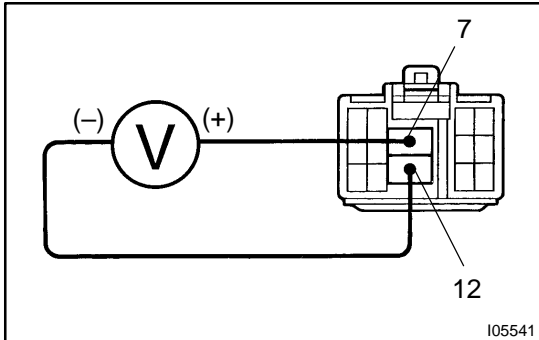
### WIRING DIAGRAM



N10837

## INSPECTION PROCEDURE

## 1 Check voltage between terminals 7 and 12 of power seat switch.

**PREPARATION:**

Remove power seat switch with connector still connected.

**CHECK:**

Measure voltage between terminals 7 and 12 of power seat switch connector

**OK:**

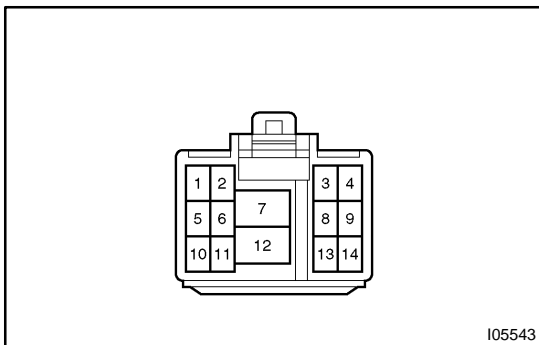
**Voltage: 10 – 14 V**

**NG**

**Check and repair harness and connectors between battery and power seat switch, power seat switch and body ground.**

**OK**

## 2 Check power seat switch.

**PREPARATION:**

Disconnect power seat switch connector.

**CHECK:**

Check continuity of each terminal shown below.

**OK:**

Switch position		Terminal No. to continuity
Front vertical	Up	6 – 12
	Down	5 – 12
Rear vertical	Up	8 – 12
	Down	9 – 12
Reclining	Forward reclining	3 – 12
	Rear reclining	4 – 12

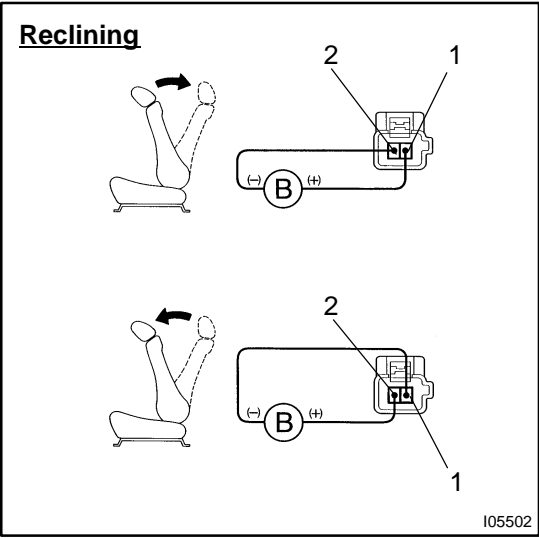
**NG**

**Replace power seat switch.**

**OK**

3

Check reclining motor.



**PREPARATION:**

- (a) Remove seat.
- (b) Disconnect reclining motor connector.

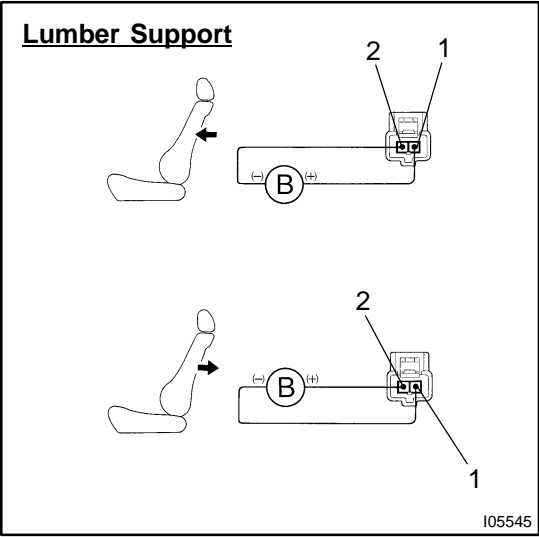
**CHECK:**

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

**OK:**

**Reclining**

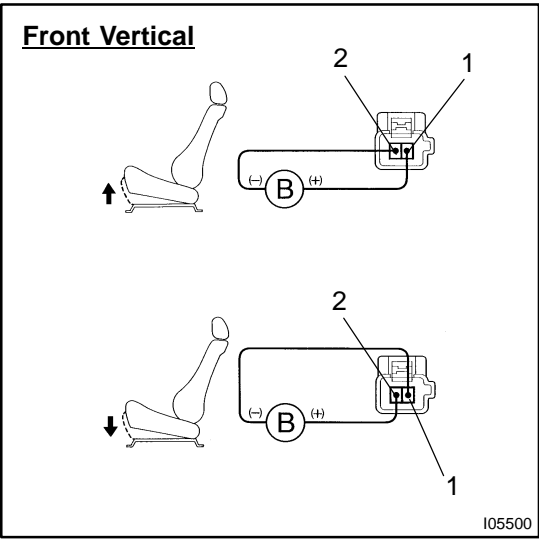
Movement	Terminal 1	Terminal 2
Reclining	⊕	⊖
Returns to upright	⊖	⊕



**OK:**

**Lumber Support**

Movement	Terminal 1	Terminal 2
Push	⊕	⊖
Release	⊖	⊕

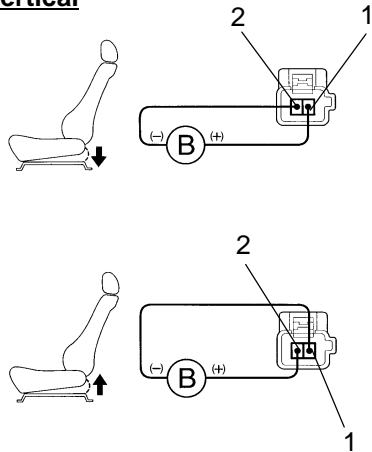


**OK:**

**Front vertical**

Movement	Terminal 1	Terminal 2
Cushion rises	⊕	⊖
Cushion lowers	⊖	⊕

**Rear Vertical**



I05501

**OK:**

**Rear vertical**

Movement	Terminal 1	Terminal 2
Cushion lowers	⊕	⊖
Cushion rises	⊖	⊕

**NG**

**Replace motor.**

**OK**

**Check and repair harness and connectors between switch and motor.**