

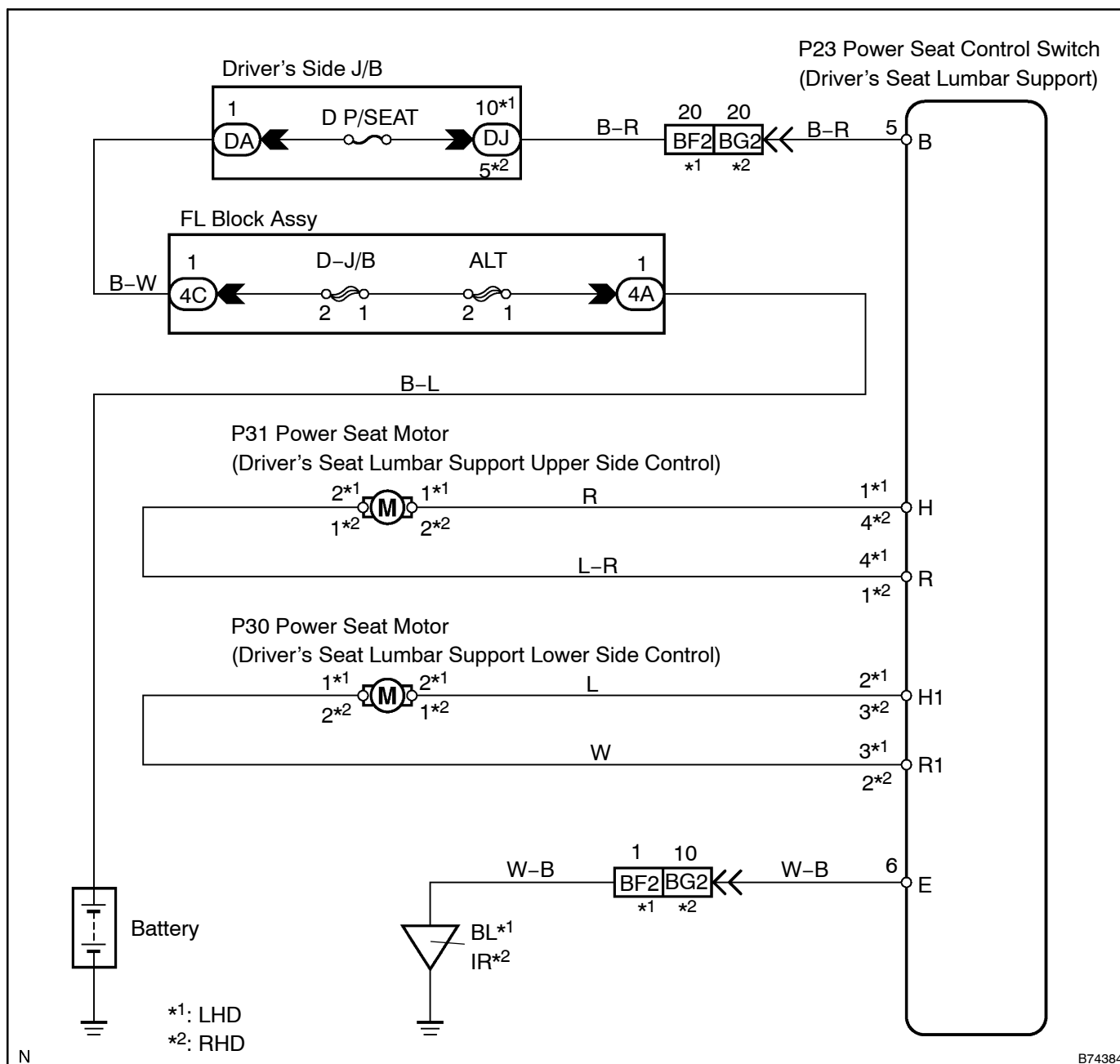
LUMBAR SUPPORT SWITCH CIRCUIT

CIRCUIT DESCRIPTION

Pressing the lumbar switch activates the lumbar support motor.

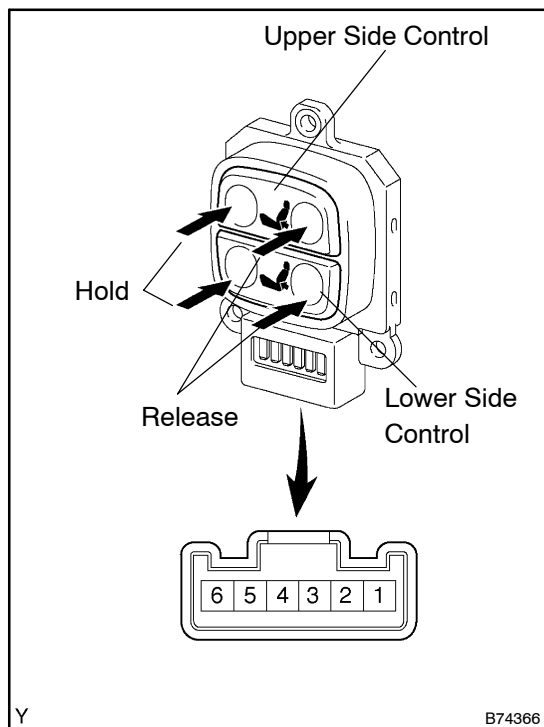
Because the lumbar support switch is not connected to the driver seat ECU, pressing this switch does not operate ECU operations such as the memory function.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT LUMBAR SUPPORT SWITCH



- (a) Remove the lumbar support switch.
 (b) Measure the resistance.

Standard:**LHD models****Upper side control**

Tester Connection	Switch Condition	Specified Condition
5 - 1	HOLD	Below 1 Ω
4 - 6	HOLD	Below 1 Ω
1 - 6	OFF	Below 1 Ω
4 - 6	OFF	Below 1 Ω
1 - 6	RELEASE	Below 1 Ω
4 - 5	RELEASE	Below 1 Ω

Lower side control

Tester Connection	Switch Condition	Specified Condition
2 - 5	HOLD	Below 1 Ω
3 - 6	HOLD	Below 1 Ω
2 - 6	OFF	Below 1 Ω
3 - 6	OFF	Below 1 Ω
2 - 6	RELEASE	Below 1 Ω
3 - 5	RELEASE	Below 1 Ω

RHD models**Upper side control**

Tester Connection	Switch Condition	Specified Condition
5 - 4	HOLD	Below 1 Ω
1 - 6	HOLD	Below 1 Ω
4 - 6	OFF	Below 1 Ω
1 - 6	OFF	Below 1 Ω
4 - 6	RELEASE	Below 1 Ω
1 - 5	RELEASE	Below 1 Ω

Lower side control

Tester Connection	Switch Condition	Specified Condition
3 - 5	HOLD	Below 1 Ω
2 - 6	HOLD	Below 1 Ω
3 - 6	OFF	Below 1 Ω
2 - 6	OFF	Below 1 Ω
3 - 6	RELEASE	Below 1 Ω
2 - 5	RELEASE	Below 1 Ω

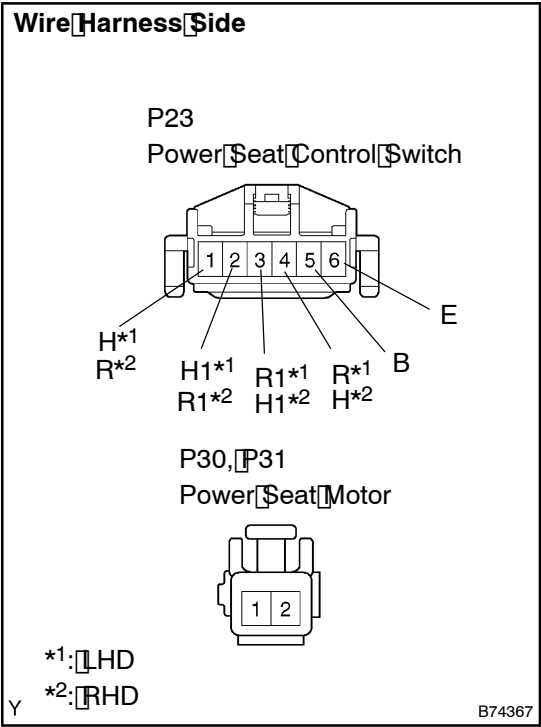
NG**REPLACE LUMBAR SUPPORT SWITCH****OK**

2 INSPECT POWER SEAT MOTOR (See page 05-2321)

NG REPLACE POWER SEAT MOTOR

OK

3 CHECK WIRE HARNESS (POWER SEAT CONTROL SWITCH - POWER SEAT MOTOR AND BODY GROUND)



- (a) Disconnect the P23 switch, P30 and P31 motor connectors.
- (b) Measure the resistance and voltage the wire harness side connectors.

Standard:
LHD models

Tester Connection	Specified Condition
P23-1 (H) - P31-1	Below 1 Ω
P23-4 (R) - P31-2	Below 1 Ω
P23-2 (H1) - P30-2	Below 1 Ω
P23-3 (R1) - P30-1	Below 1 Ω
P23-6 (E) - Body Ground	Below 1 Ω
P23-5 (B) - P23-6 (E)	10 to 4 V

RHD models

Tester Connection	Specified Condition
P23-4 (H) - P31-2	Below 1 Ω
P23-1 (R) - P31-1	Below 1 Ω
P23-3 (H1) - P30-1	Below 1 Ω
P23-2 (R1) - P30-2	Below 1 Ω
P23-6 (E) - Body Ground	Below 1 Ω
P23-5 (B) - P23-6 (E)	10 to 4 V

NG REPAIR AND REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-2281)