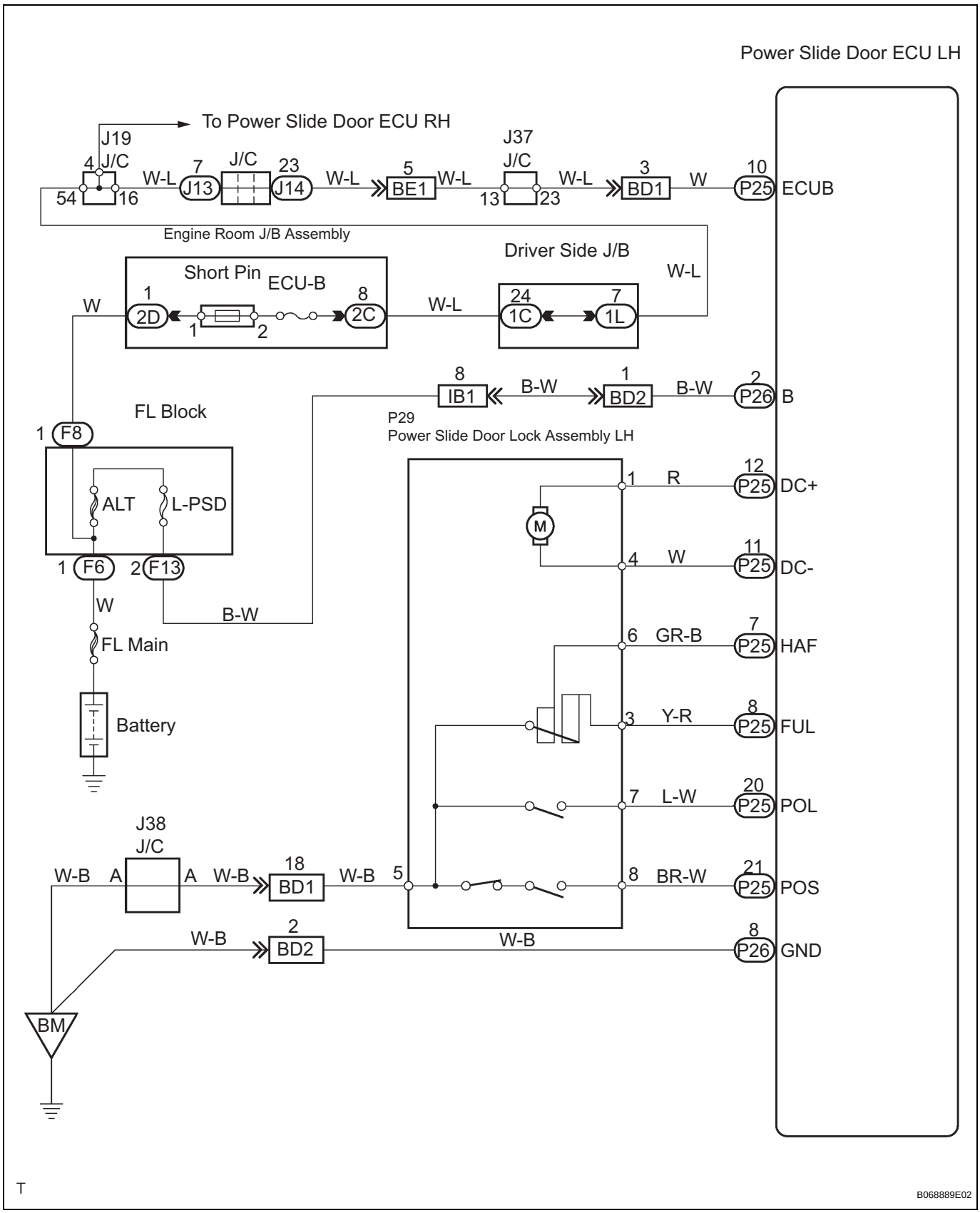
Slide Door Closer LH does not Operate

DESCRIPTION

The slide door ECU LH controls the slide door closer. In response to the output signals from the switches in the slide door lock, the slide door closer drives the closer motor.
HINT:
The slide door closer system operates regardless of the power slide door main switch ON / OFF.

WIRING DIAGRAM



ED

INSPECTION PROCEDURE

1	INSPECT FUSE (ECU-B)

(a) Inspect the ECU-B fuse.

NG → REPLACE FUSE

OK

2	INSPECT SLIDE DOOR LOCK

(a) Check that the slide door fully closes (fully locked) when the door is closed by hand.

NG → IMPROPER FIT OF SLIDE DOOR, OR A FOREIGN OBJECT IS STUCK IN SLIDE DOOR

OK

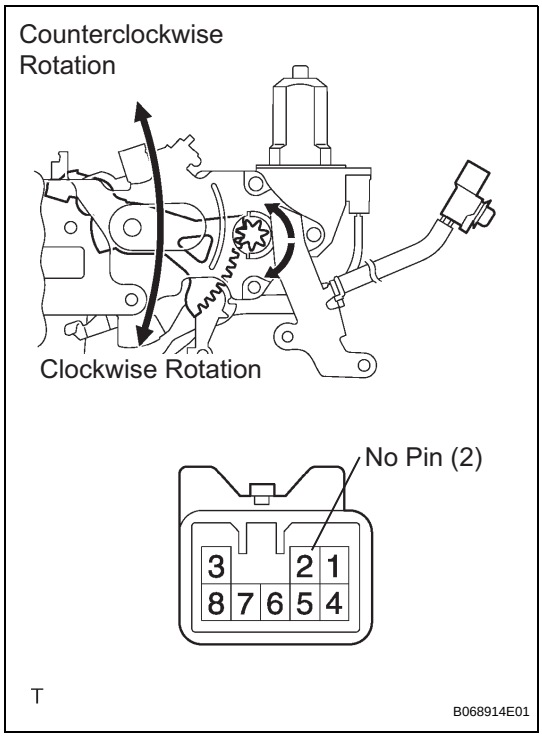
3	POWER SOURCE RESET

(a) Disconnect the ECU-B fuse and reconnect it. 10 seconds later, check that the slide door closer is operational.

OK → NORMAL

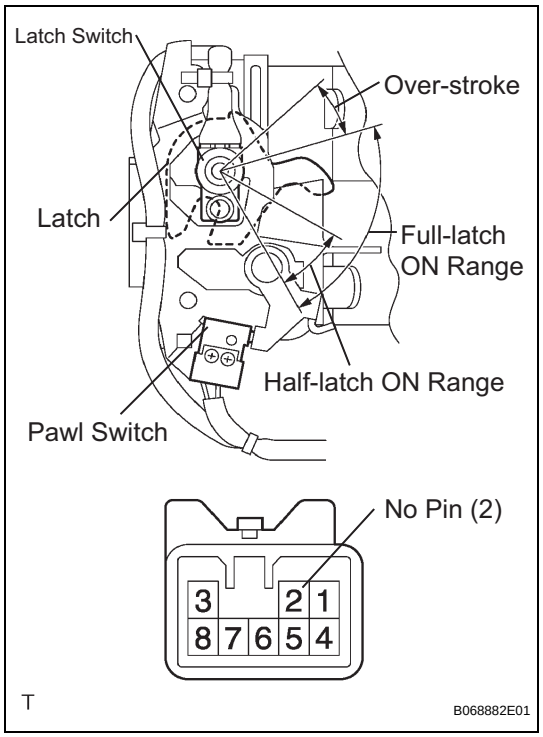
NG

4	INSPECT POWER SLIDE DOOR LOCK ASSEMBLY



(a) Apply battery voltage to the terminals and check the motor operation.
OK

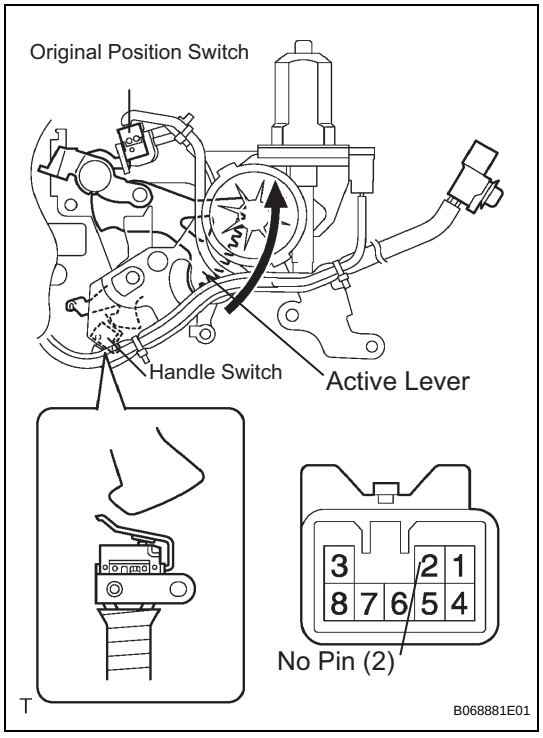
Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 4	Clockwise Rotation
Battery positive (+) → Terminal 4 Battery negative (-) → Terminal 1	Counterclockwise Rotation



(b) At each range of the latch, inspect the resistance of the pawl switch and latch switch.

Resistance

Terminal No.	Condition	Specified Condition
5 - 6	Half-latch ON range	Below 1 Ω
3 - 5	Full-latch ON range	
5 - 6 3 - 5	Over-stroke range	More than 10 kΩ



(c) Inspect the resistance of the original position switch and handle switch.

Resistance

Terminal No.	Original Position	Switch Handle Switch	Specified Condition
5 - 8	OFF (Active lever in original position)	ON (Handle in original position)	10 kΩ or higher
		OFF (Handle operated)	
	ON (Closer in operation)	ON (Handle in original position)	Below 1 Ω
		OFF (Handle operated)	10 kΩ or higher

NG → **REPLACE POWER SLIDE DOOR LOCK ASSEMBLY**

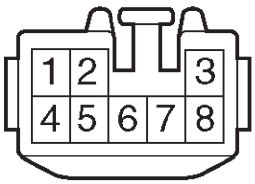
ED

OK

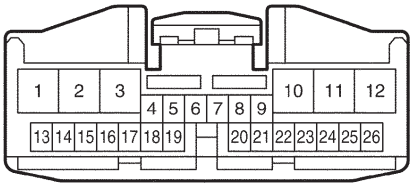
5	CHECK WIRE HARNESS (POWER SLIDE DOOR LOCK ASSEMBLY - POWER SLIDE DOOR ECU LH)

Wire Harness Side

P29 Power Slide Door Lock Assembly LH



P25 Power Slide Door ECU LH



P B068439E01

(a) Disconnect the P29 door lock and P25 ECU connectors.
(b) Check the resistance between the wire harness connectors.
Resistance (Check for open circuit)

Terminal No.	Specified Condition
P29-1 - P25-12 (DC+)	Below 1 Ω
P29-4 - P25-11 (DC-)	
P29-6 - P25-7 (HAF)	
P29-3 - P25-8 (FUL)	
P29-7 - P25-20 (POL)	
P29-8 - P25-21 (POS)	

(c) Check the resistance between the P29 lock connector and body ground.
Resistance (Check for open circuit)

Terminal No.	Specified Condition
P29-5 - Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

REPLACE POWER SLIDE DOOR ECU LH