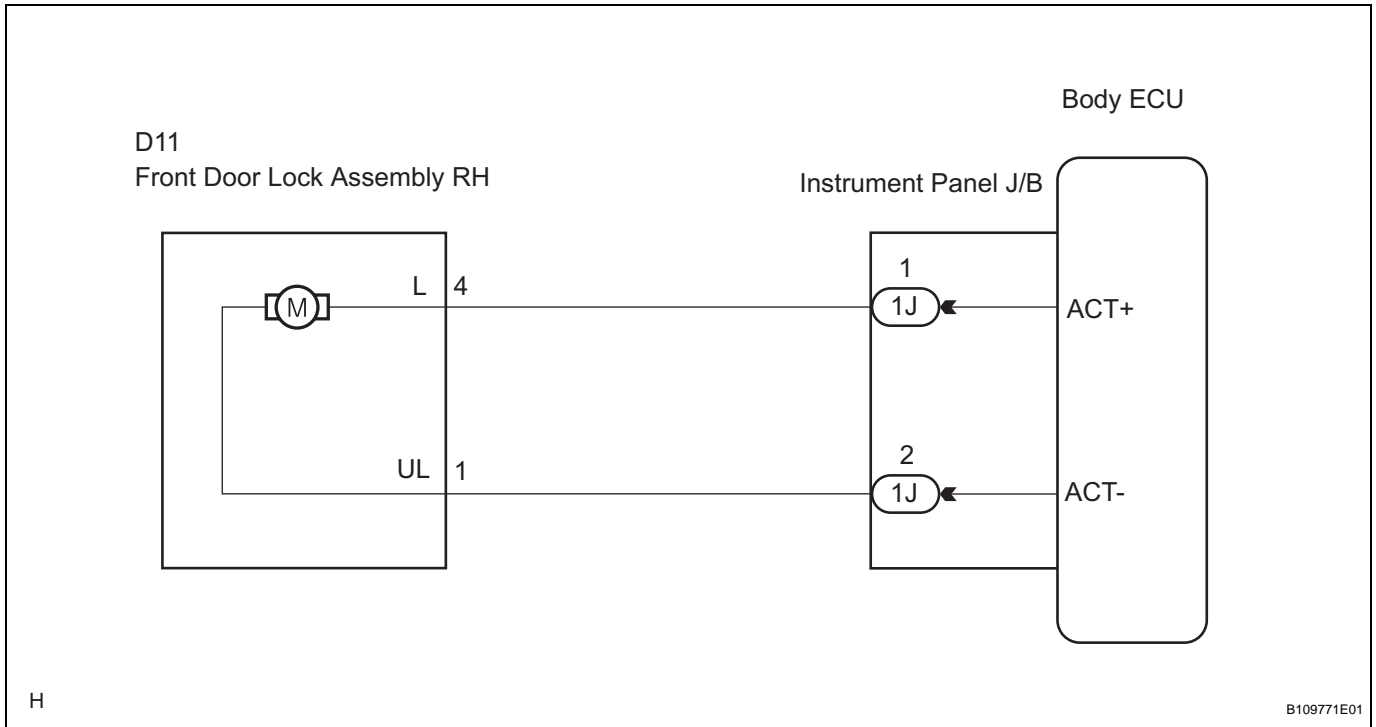


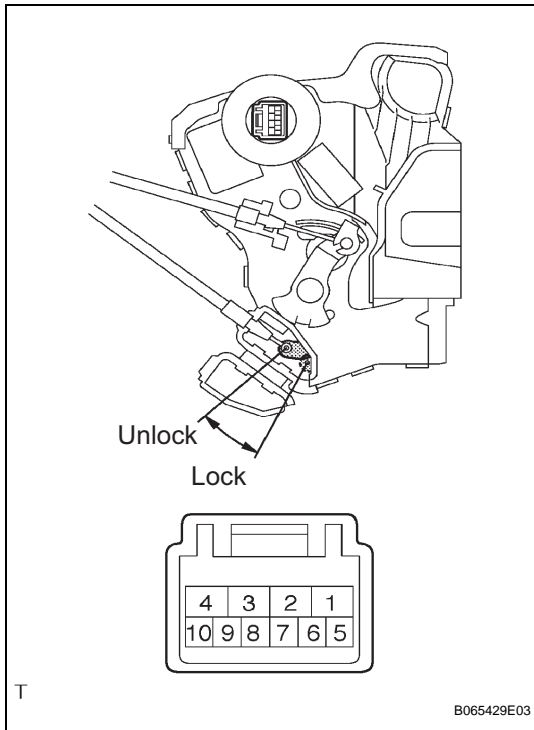
## Front Passenger Side Door Lock Motor Circuit

### DESCRIPTION

The front passenger door lock motor is built into the front passenger door lock assembly. The body ECU controls the front passenger door lock motor to lock/unlock the front passenger door. This ECU applies current from terminal ACT+ to terminal ACT- to operate the motor to lock the door. It reverses the direction of the current flow to operate the motor to unlock the door.

### WIRING DIAGRAM



**1 INSPECT FRONT DOOR LOCK ASSEMBLY (DOOR LOCK MOTOR)**

- (a) Remove the front door lock assembly.  
 (b) Apply battery voltage and check operation of the door lock motor.

**OK**

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 4 Battery negative (-) → Terminal 1	Lock
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 4	Unlock

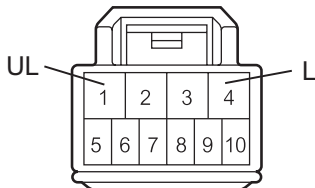
**NG****REPLACE FRONT DOOR LOCK ASSEMBLY****DL****OK**

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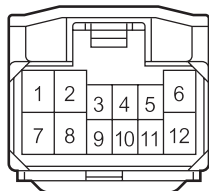
**2 CHECK WIRE HARNESS (FRONT DOOR LOCK ASSEMBLY - INSTRUMENT PANEL J/B)**

Wire Harness Side:

D11  
Front Door Lock Assembly RH



1J  
Instrument Panel J/B (Body ECU)



H

B111698E03

- (a) Disconnect the front door lock assembly connector.
- (b) Disconnect the instrument panel J/B connector.
- (c) Measure the resistance according to the value(s) in the table below.

**Standard resistance**

Tester Connection	Condition	Specified Condition
D11-4 (L) - 1J-1	Always	Below 1 Ω
D11-1 (UL) - 1J-2	Always	Below 1 Ω

**NG** REPAIR OR REPLACE HARNESS OR CONNECTOR

DL

OK

**OTHERS PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**