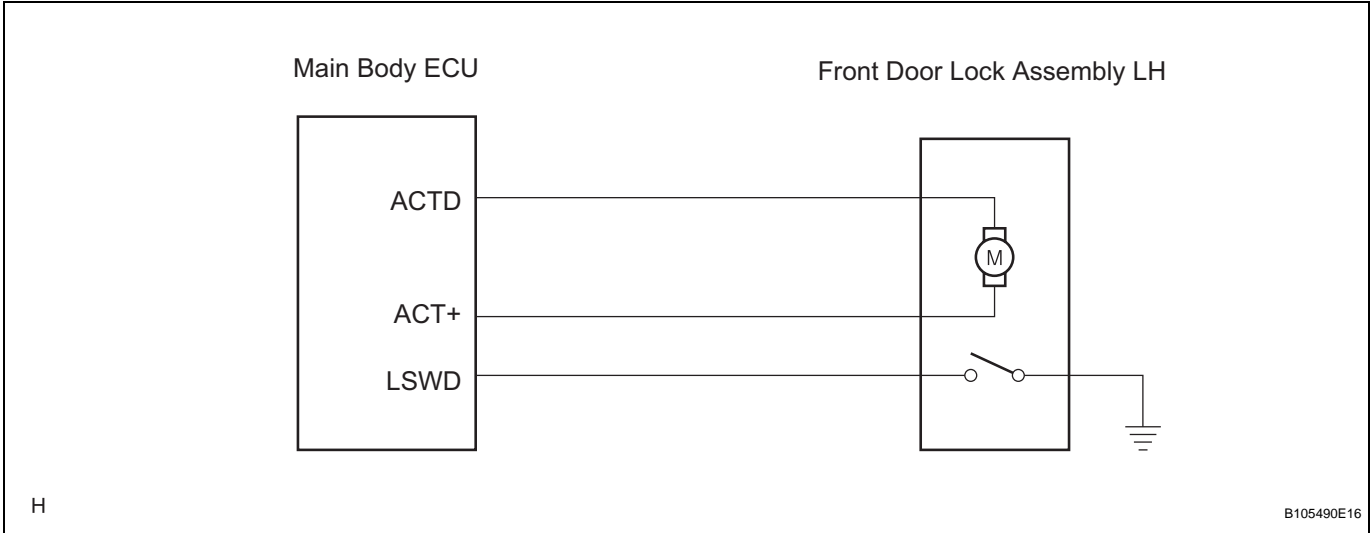


Only Driver Door LOCK / UNLOCK Functions do not Operate

DESCRIPTION

The main body ECU receives lock/unlock switch signals and activates the door lock motor accordingly.

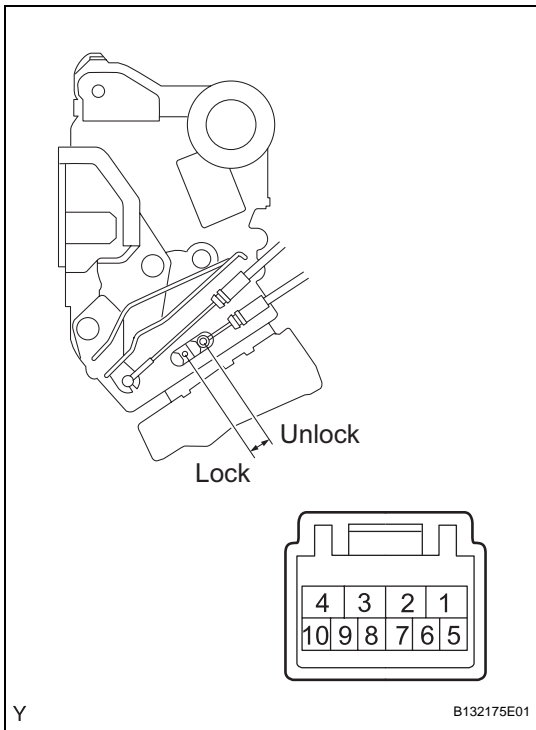
WIRING DIAGRAM



INSPECTION PROCEDURE

DL

1 INSPECT FRONT DOOR LOCK ASSEMBLY LH



(a) Apply the battery voltage to the door lock motor and check the operation of the door lock motor.

Standard

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 4 Battery negative(-) → Terminal 2	Locks
Battery positive (+) → Terminal 2 Battery negative(-) → Terminal 4	Unlocks

(b) Measure the resistance of the unlock detection switch.
Standard resistance

Tester Connection	Door Lock Condition	Specified Condition
7 - 8	Locked	10 kΩ or higher
7 - 8	Unlocked	Below 1 Ω

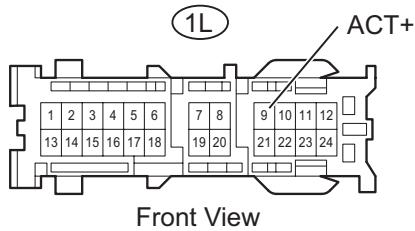
NG → **REPLACE FRONT DOOR LOCK ASSEMBLY LH**

OK

2 CHECK WIRE HARNESS AND CONNECTOR (MAIN BODY ECU - FRONT DOOR LOCK ASSEMBLY LH)

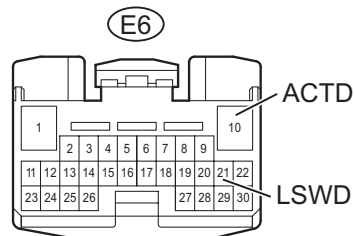
Wire Harness Side:

Main Body ECU Connector



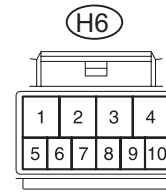
Front View

Main Body ECU Connector



Front View

Front Door Lock Assembly LH Connector



Front View

B140119E01

- Disconnect the E6 and 1L main body ECU connectors.
- Disconnect the H6 front door lock assembly LH connector.
- Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
1L-9 (ACT+) - H6-4	Below 1 Ω
E6-10 (ACTD) - H6-1	Below 1 Ω
E6-21 (LSWD) - H6-8	Below 1 Ω
H6-7 - Body ground	Below 1 Ω
1L-9 (ACT+) or H6-4 - Body ground	10 k Ω or higher
E6-10 (ACTD) or H6-1 - Body ground	10 k Ω or higher
E6-21 (LSWD) or H6-8 - Body ground	10 k Ω or higher

- Reconnect the main body ECU connectors.
- Reconnect the front door lock assembly LH connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE MAIN BODY ECU

DL