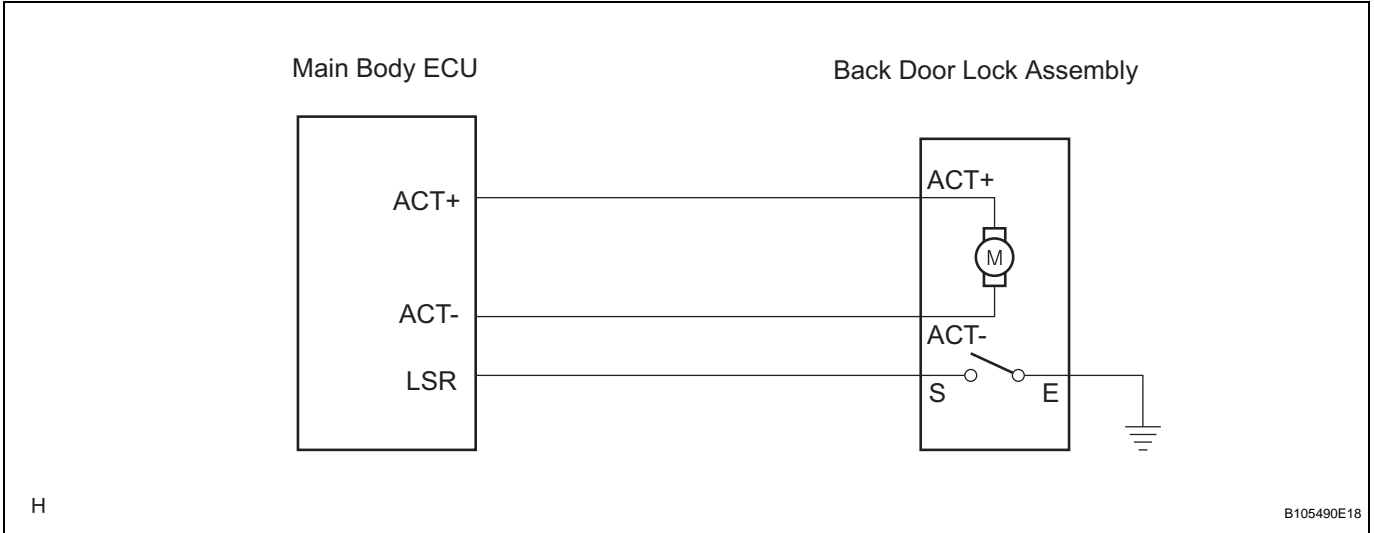


Only Back Door LOCK / UNLOCK Functions do not Operate

DESCRIPTION

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

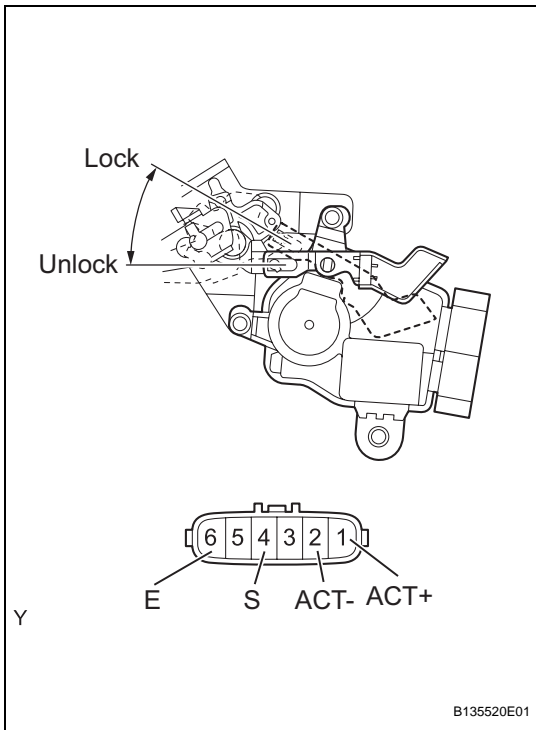
WIRING DIAGRAM



INSPECTION PROCEDURE

DL

1 INSPECT BACK DOOR LOCK ASSEMBLY



(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 1 (ACT+) Battery negative(-) → Terminal 2 (ACT-)	Locks
Battery positive (+) → Terminal 2 (ACT-) Battery negative(-) → Terminal 1 (ACT+)	Unlocks

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

Standard resistance

Tester Connection	Door Lock Condition	Specified Condition
4 (S) - 5 (E)	Locked	10 kΩ or higher
4 (S) - 5 (E)	Unlocked	Below 1 Ω

NG → **REPLACE BACK DOOR LOCK ASSEMBLY**

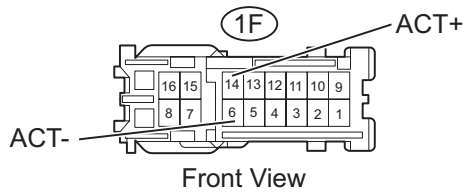
OK

B135520E01

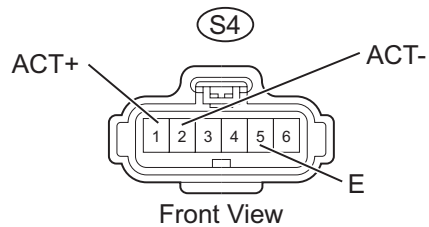
2 CHECK HARNESS AND CONNECTOR (MAIN BODY ECU - BACK DOOR LOCK ASSEMBLY)

Wire Harness Side:

Main Body ECU Connector



Back Door Lock Assembly Connector



- Disconnect the 1F main body ECU connector.
- Disconnect the S4 back door lock assembly connector.
- Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
1F-14 (ACT+) - S4-1 (ACT+)	Below 1 Ω
1F-6 (ACT-) - S4-2 (ACT-)	Below 1 Ω
S4-5 (E) - Body ground	Below 1 Ω
1F-14 (ACT+) or S4-1 (ACT+) - Body ground	10 k Ω or higher
1F-6 (ACT-) or S4-2 (ACT-) - Body ground	10 k Ω or higher

- Reconnect the main body ECU connector.
- Reconnect the back door lock assembly connector.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE MAIN BODY ECU

DL

Y

B138203E03