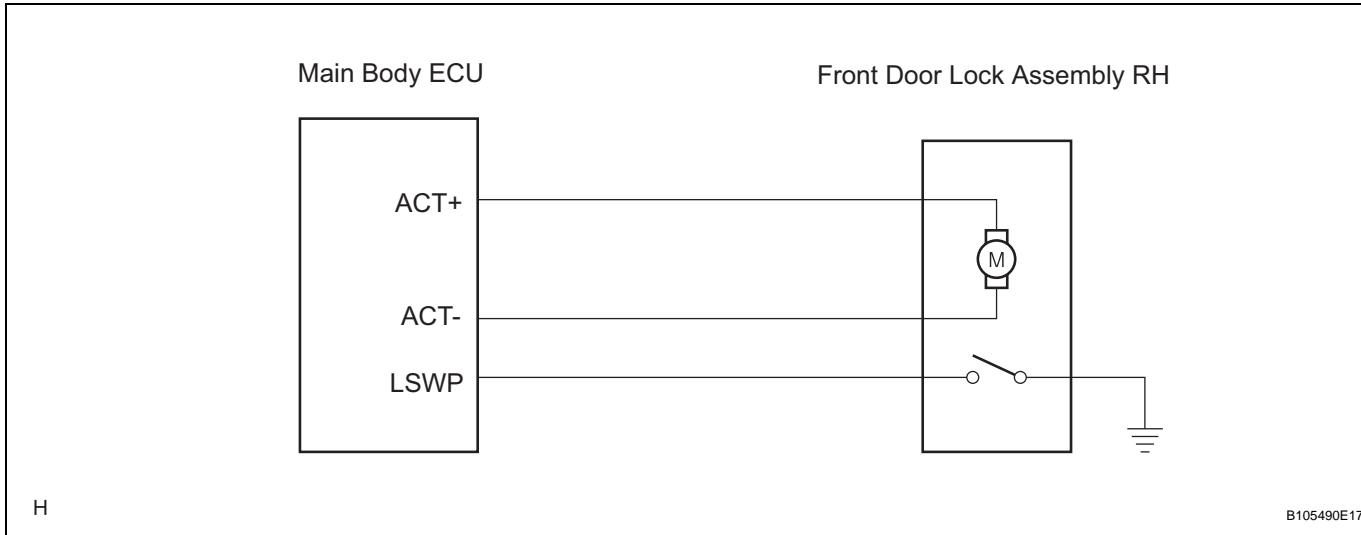


Only Passenger Door LOCK / UNLOCK Functions do not Operate

DESCRIPTION

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

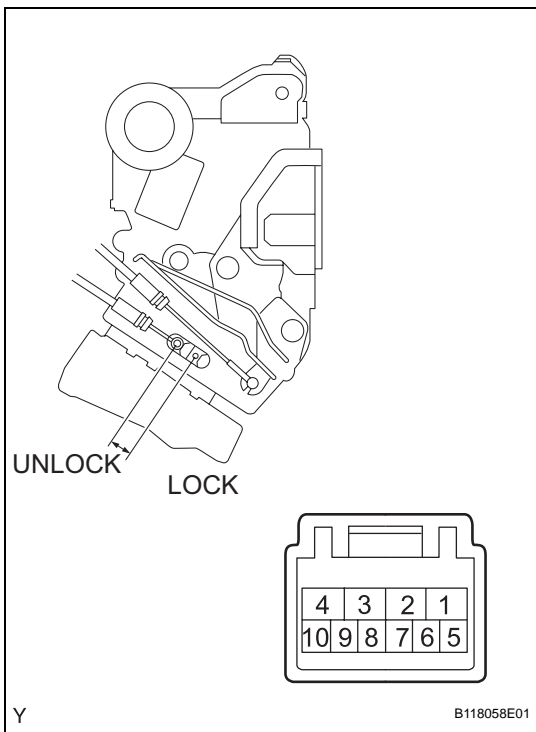
WIRING DIAGRAM



INSPECTION PROCEDURE

DL

1 INSPECT FRONT DOOR LOCK ASSEMBLY RH



(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 3 Battery negative(-) → Terminal 1	Locks
Battery positive (+) → Terminal 1 Battery negative(-) → Terminal 3	Unlocks

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

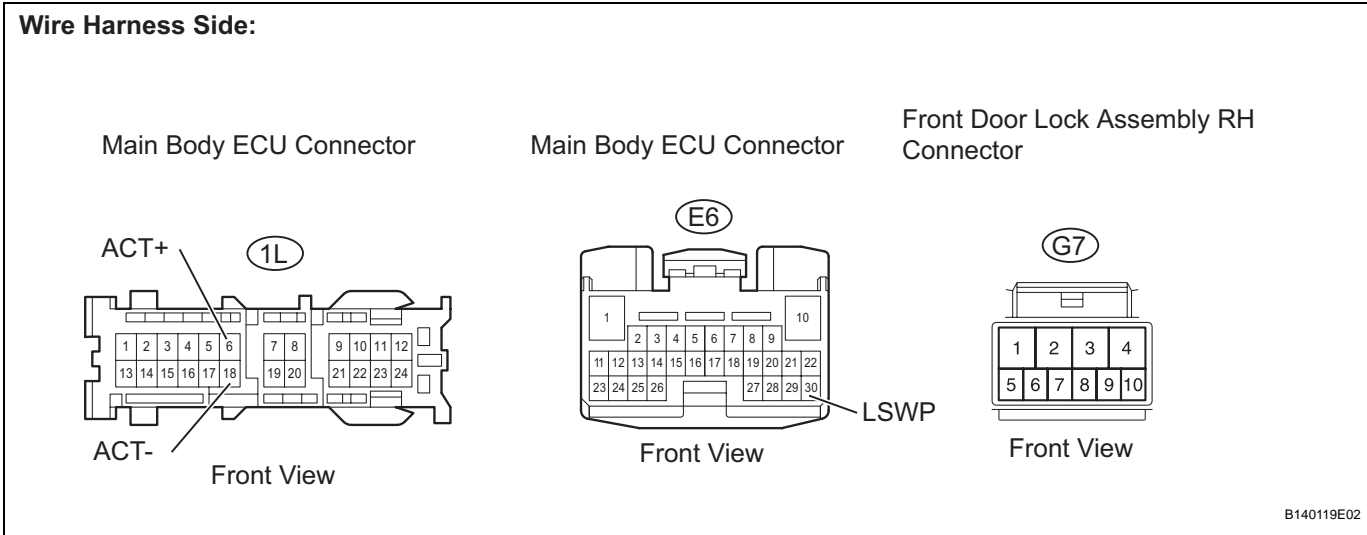
Standard resistance

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

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

OK

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



- (a) Disconnect the 1L and E6 main body ECU connectors.
- (b) Disconnect the G7 front door lock assembly RH connector.
- (c) Measure the resistance.

Standard resistance

Tester Connection	Specified Condition
1L-6 (ACT+) - G7-4	Below 1 Ω
1L-18 (ACT-) - G7-1	Below 1 Ω
E6-30 (LSWP) - G7-7	Below 1 Ω
G7-8 - Body ground	Below 1 Ω
1L-6 (ACT+) or G7-4 - Body ground	10 kΩ or higher
1L-18 (ACT-) or G7-1 - Body ground	10 kΩ or higher
E6-30 (LSWP) or G7-7 - Body ground	10 kΩ or higher

- (d) Reconnect the main body ECU connectors.
- (e) Reconnect the front door lock assembly RH connector.

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

OK

REPLACE MAIN BODY ECU