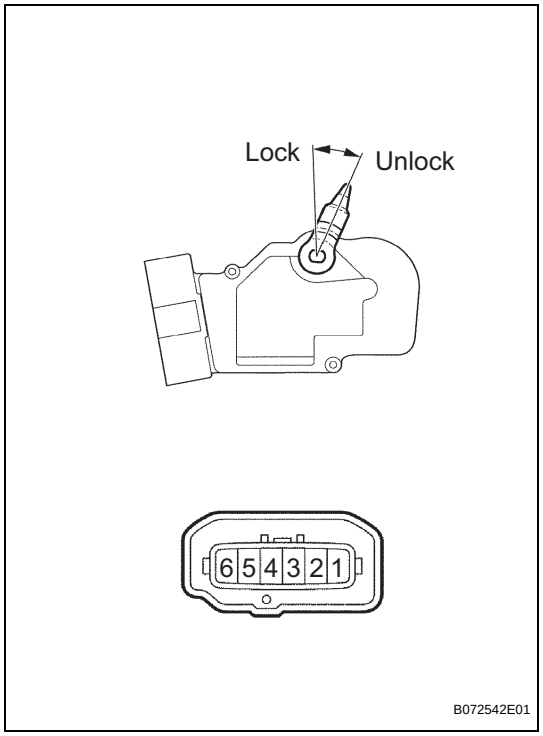


FRONT DOOR LOCK

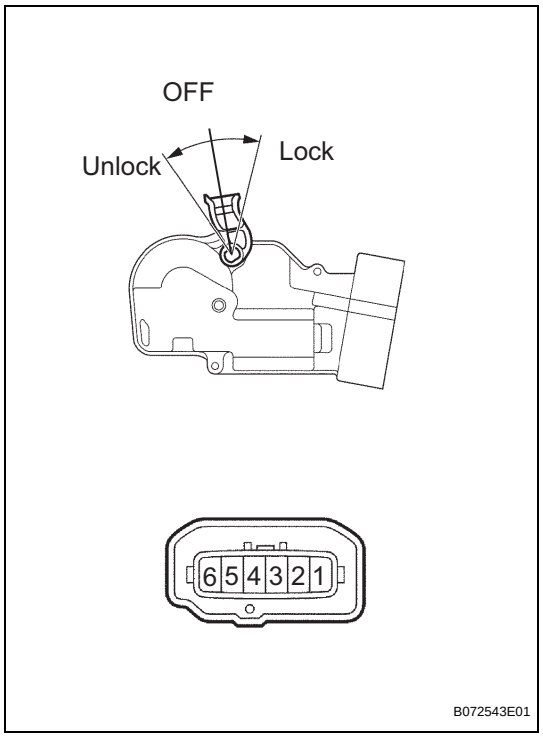
INSPECTION

1. INSPECT FRONT DOOR LOCK ACTUATOR ASSEMBLY LH

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

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Lock
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Unlock

If the result is not as specified, replace the actuator.



(b) Measure the resistance of the door lock and unlock switch.
Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 5	Lock	Below 1 Ω
3 - 5, 3 - 6	OFF	10 kΩ or higher
3 - 6	Unlock	Below 1 Ω

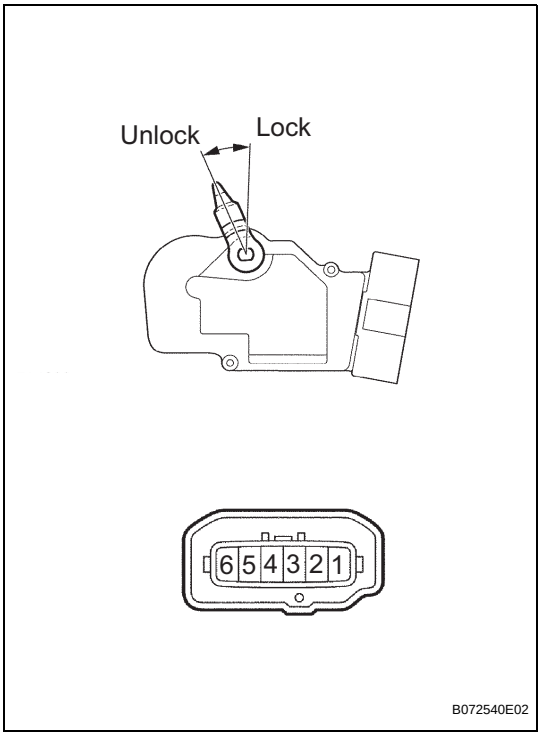
If the result is not as specified, replace the door lock assembly.

(c) Measure the resistance of the position switch.
Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 4	Lock	10 kΩ or higher
3 - 4	Unlock	Below 1 Ω

If the result is not as specified, replace the actuator.

DL



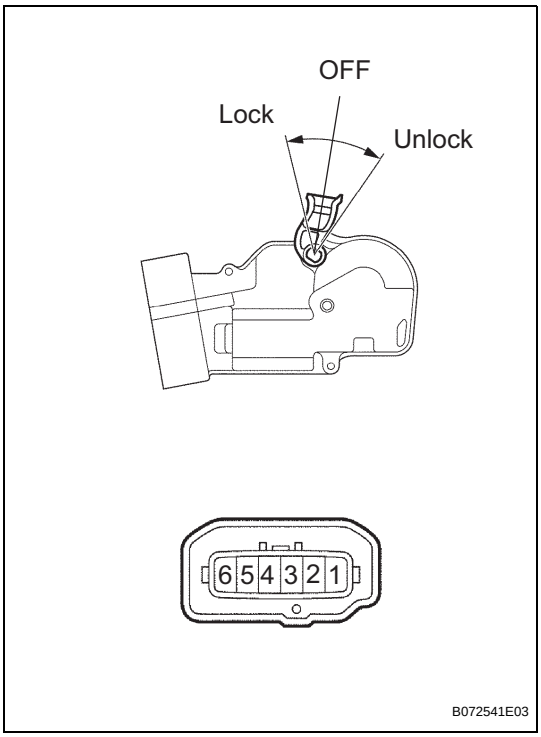
2. INSPECT FRONT DOOR LOCK ACTUATOR ASSEMBLY RH

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

OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 6 Battery negative (-) → Terminal 5	Lock
Battery positive (+) → Terminal 5 Battery negative (-) → Terminal 6	Unlock

If the result is not as specified, replace the actuator.

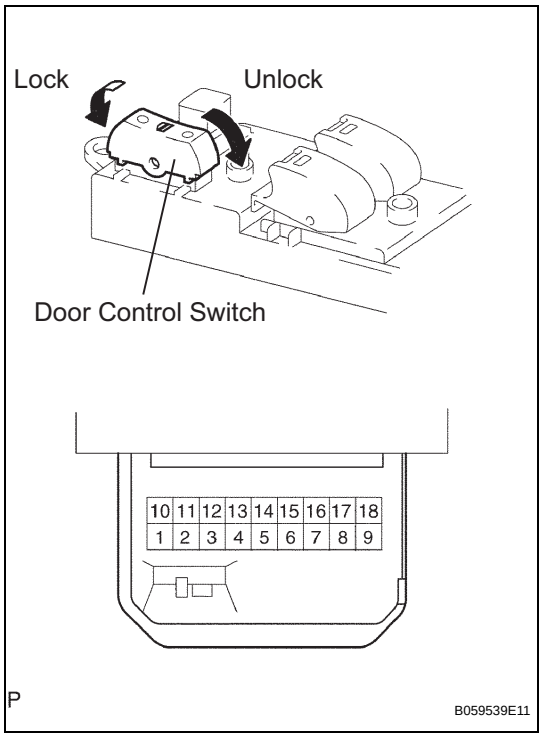


(b) Measure the resistance of the door lock and unlock switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
2 - 4	Lock	Below 1 Ω
1 - 4, 2 - 4	OFF	10 kΩ or higher
1 - 4	Unlock	Below 1 Ω

If the result is not as specified, replace the door lock assembly.



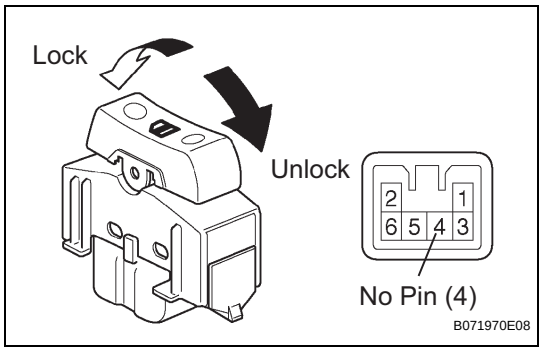
3. INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (DOOR CONTROL SWITCH)

(a) Measure the resistance of the door control switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
1 - 5, 3 - 5	Lock	Below 1 Ω
1 - 5, 3 - 5, 1 - 8, 3 - 8	OFF	10 kΩor higher
1 - 8, 3 - 8	Unlock	Below 1 Ω

If the result is not as specified, replace the switch assembly.



4. INSPECT DOOR CONTROL SWITCH ASSEMBLY

(a) Measure the resistance of the door control switch.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
3 - 6	Lock	Below 1 Ω
3 - 5, 3 - 6	OFF	10 kΩ or higher
3 - 5	Unlock	Below 1 Ω

If the result is not as specified, replace the switch assembly.

DL