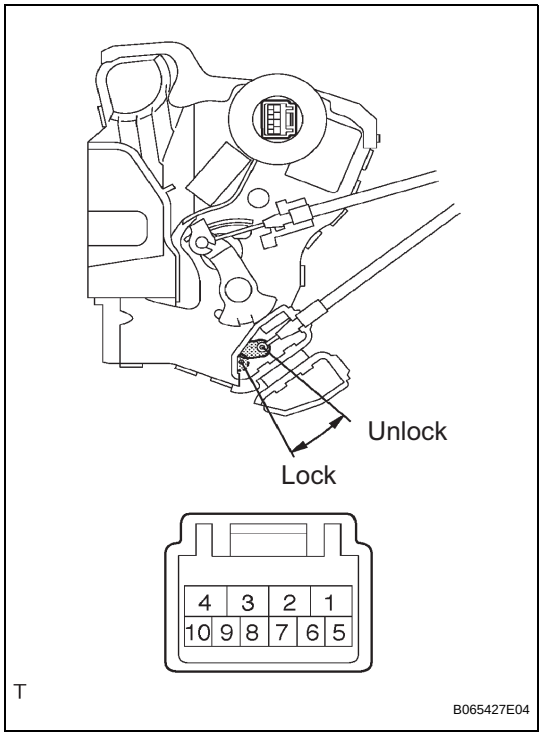


FRONT DOOR LOCK

INSPECTION

1. INSPECT FRONT DOOR W/ MOTOR LOCK ASSEMBLY LH

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

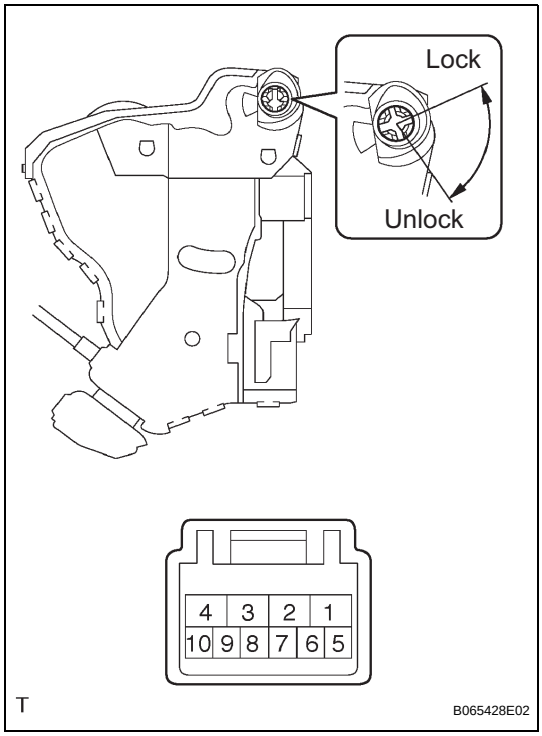
Measurement Condition	Specified Condition
Battery positive (+) → Terminal 4 Battery negative (-) → terminal 1	Lock
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 4	Unlock

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

(b) Measure the resistance according to the value(s) in the table below.
Standard resistance

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

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

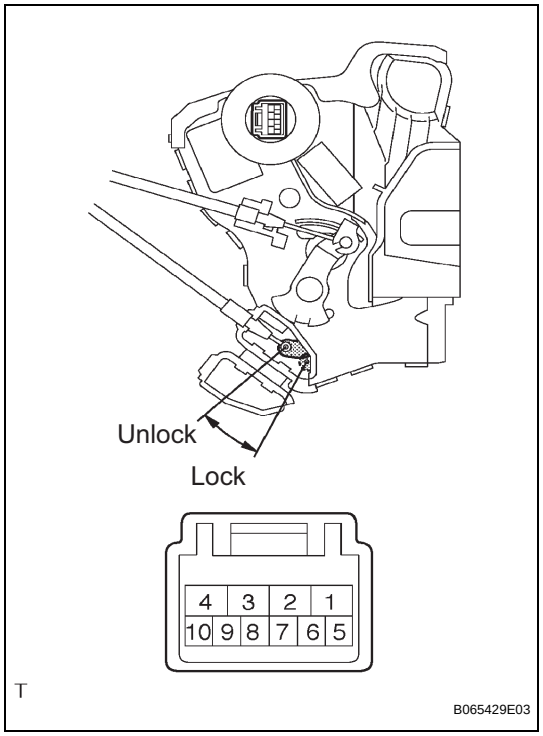


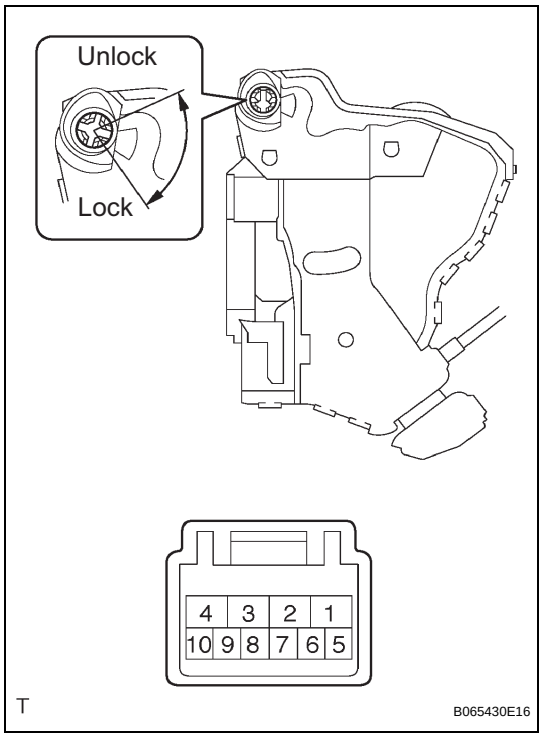
(c) Measure the resistance according to the value(s) in the table below.
Standard resistance

Tester Connection	Condition	Specified Condition
7 - 9	ON (Door lock set to LOCK)	Below 1 Ω
7 - 9, 7 - 10	OFF (Free)	-
7 - 10	ON (Door lock set to UNLOCK)	Below 1 Ω

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

DL





2. INSPECT FRONT DOOR LOCK W/ MOTOR ASSEMBLY RH

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

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

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

(b) Measure the resistance according to the value(s) in the table below.
Standard resistance

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

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

(c) Inspect the resistance of the door lock and unlock switch.
Standard resistance

Tester Connection	Condition	Specified Condition
6 - 8	ON (Door lock set to LOCK)	Below 1 Ω
5 - 8, 6 - 8	OFF (Free)	-
5 - 8	ON (Door lock set to UNLOCK)	Below 1 Ω

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

DL