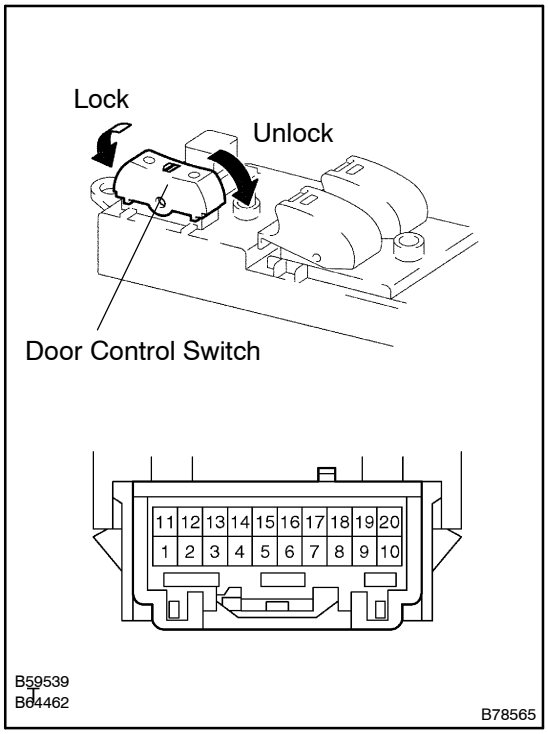
05I0P–01

INSPECTION



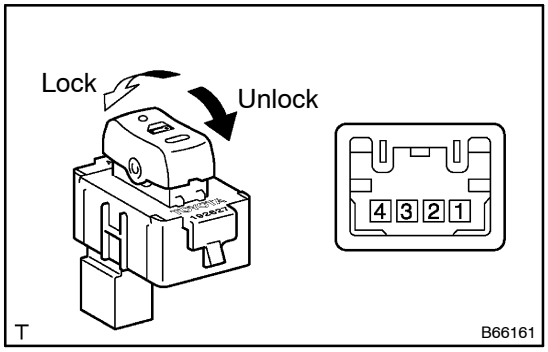
1. INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSY

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

Standard:

Tester Connection	Switch Condition	Specified Condition
8 – 10	Lock	Below 1 Ω
8 – 10 10 – 18	OFF	10 kΩ or higher
10 – 18	Unlock	Below 1 Ω

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



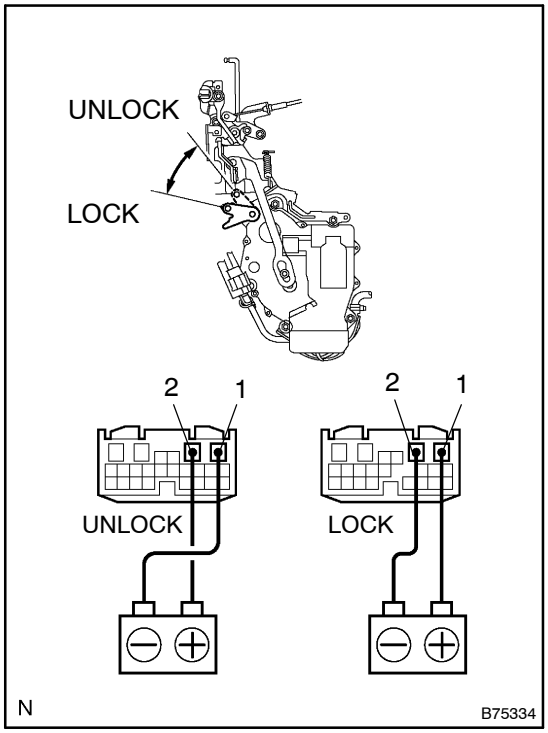
2. INSPECT DOOR CONTROL SWITCH ASSY

(a) Measure the resistance of the switch.

Standard:

Tester Connection	Switch Condition	Specified Condition
2 – 3	Lock	Below 1 Ω
2 – 3 1 – 2	OFF	10 kΩ or higher
1 – 2	Unlock	Below 1 Ω

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



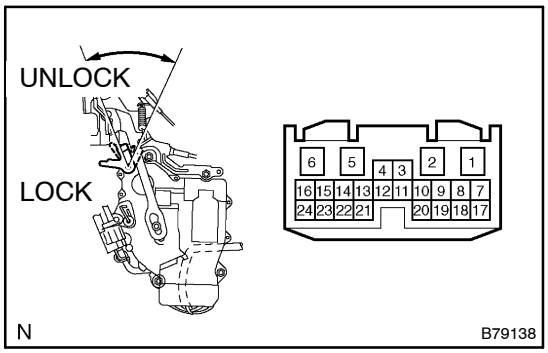
3. INSPECT DRIVER DOOR LOCK ASSY

(a) Apply battery voltage to the door lock 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 door lock assy.



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

Standard:

Tester Connection	Door Lock Position	Specified Condition
7 – 20	Lock	10 kΩ or higher
7 – 20	Unlock	Below 1 Ω

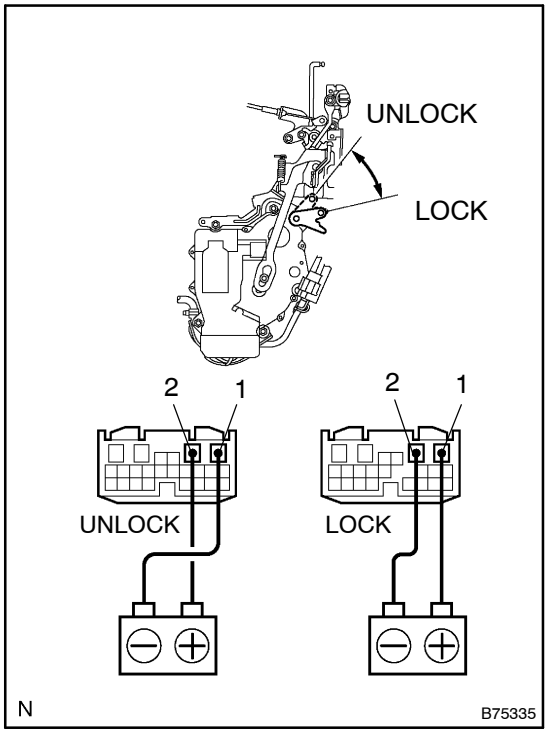
If the result is not as specified, replace the door lock assy.

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

Standard:

Tester Connection	Door Lock Position	Specified Condition
10 – 21	Lock	Below 1 Ω
10 – 21, 9 – 21	OFF	10 kΩ or higher
9 – 21	Unlock	Below 1 Ω

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



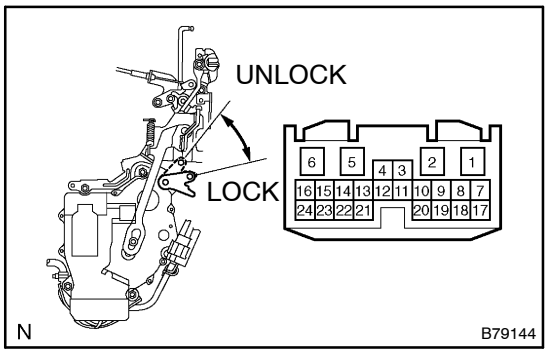
4. INSPECT PASSENGER DOOR LOCK ASSY

(a) Apply battery voltage to the door lock 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 door lock assy.

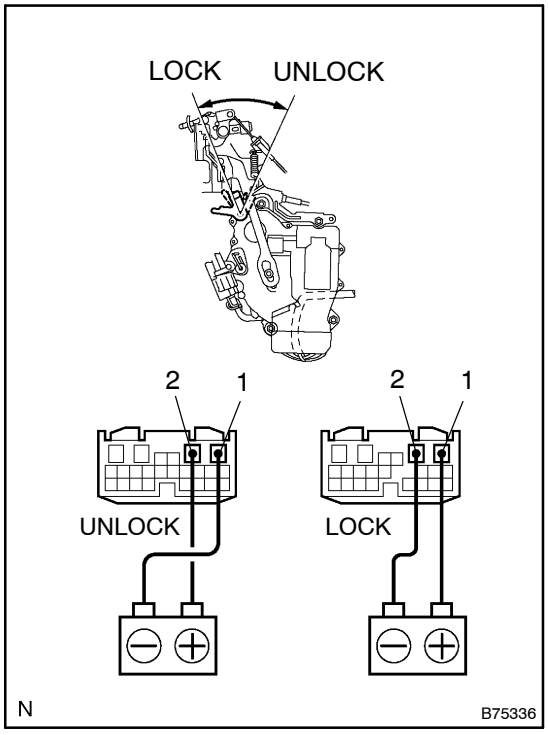


(b) Measure the resistance of the unlock detection switch.

Standard:

Tester Connection	Door Lock Position	Specified Condition
7 – 20	Lock	10 kΩ or higher
7 – 20	Unlock	Below 1 Ω

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



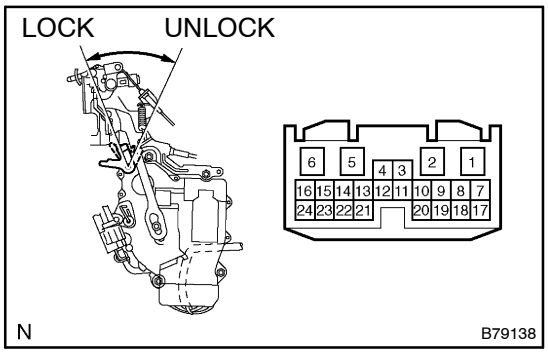
5. INSPECT REAR DOOR LOCK ASSY LH

(a) Apply battery voltage to the door lock 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 door lock assy.

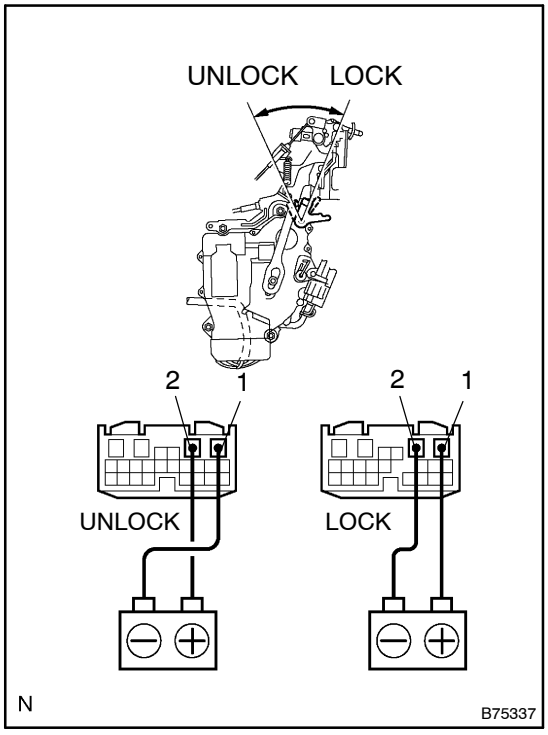


(b) Measure the resistance of the unlock detection switch.

Standard:

Tester Connection	Door Lock Position	Specified Condition
7 – 20	Lock	10 kΩ or higher
7 – 20	Unlock	Below 1 Ω

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



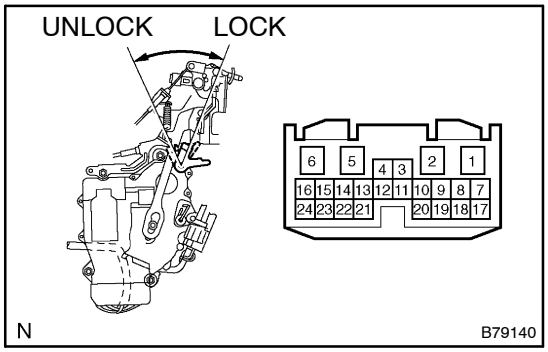
6. INSPECT REAR DOOR LOCK ASSY RH

(a) Apply battery voltage to the door lock 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 door lock assy.

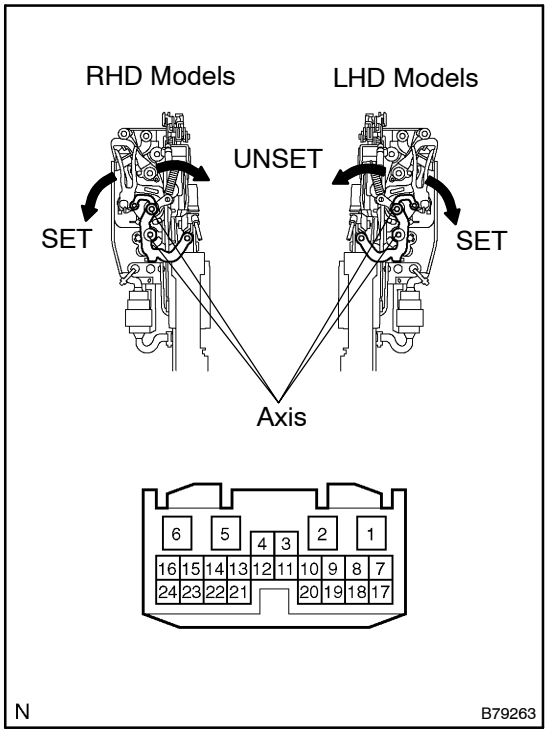


(b) Measure the resistance of the unlock detection switch.

Standard:

Tester Connection	Door Lock Position	Specified Condition
7 – 20	Lock	10 kΩ or higher
7 – 20	Unlock	Below 1 Ω

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



7. INSPECT FRONT DOUBLE LOCKING SWITCH

(a) Measure the resistance of the door unlock detection switch.

Standard:

Tester Connection	Switch Position	Specified Condition
17 – 20	ON (double lock set to UNSET)	Below 1 Ω
17 – 20	OFF (double lock set to SET)	10 kΩ or higher

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

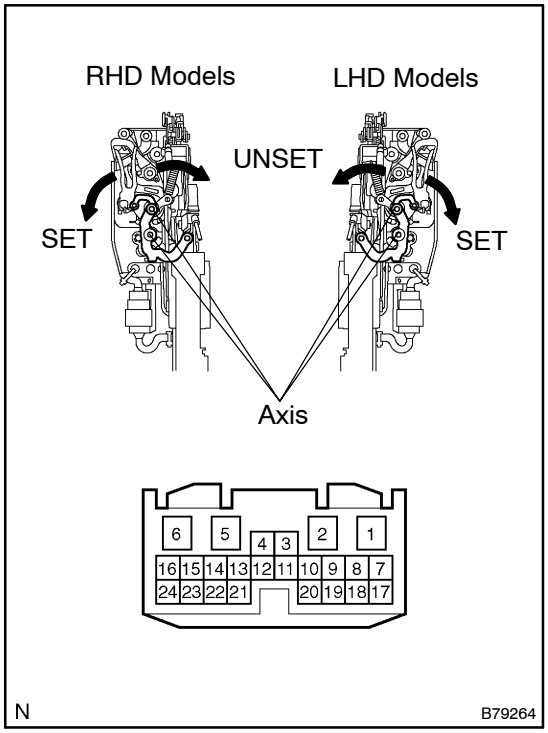
8. INSPECT FRONT DOUBLE LOCKING MOTOR OPERATION

(a) Set the door lock to the LOCK position with the locking cable.

(b) Connect the battery's positive (+) lead to terminal 6 and the negative (–) lead to terminal 5. Check that the door lock will not unlock when the locking cable is pulled. To locking cable must return to the LOCK position by the force of the spring when the locking cable is pulled.

(c) Reverse the polarity and check that the door lock will unlock when the locking cable is pulled.

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



9. INSPECT REAR DOUBLE LOCKING SWITCH

(a) Measure the resistance of the door unlock detection switch.

Standard:

Tester Connection	Switch Position	Specified Condition
17 – 20	ON (Double lock set to UNSET)	Below 1 Ω
17 – 20	OFF (Double lock set to SET)	10 kΩ or higher

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

10. INSPECT REAR DOUBLE LOCKING MOTOR OPERATION

(a) Set the door lock to the LOCK position by the locking cable.

(b) Connect the battery's positive (+) lead to terminal 6 and the negative (–) lead to terminal 5. Check that the door lock will not unlock when the locking cable is pulled. To locking cable must return to the LOCK position by the force of the spring when the locking cable is pulled.

(c) Reverse the polarity and check that the door lock will unlock when the locking cable is pulled.

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