

## INSPECTION

### 1. INSPECT POWER WINDOW MASTER SWITCH CONTINUITY

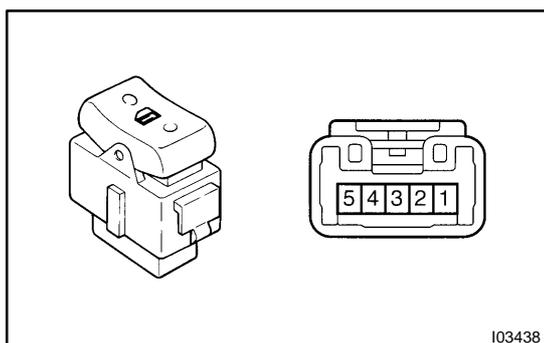
#### Master Switch: Driver's Door Lock Manual Switch

Switch position	Tester connection	Specified condition
LOCK	6 - 11	Continuity
OFF	-	No continuity
UNLOCK	11 - 14	Continuity

If continuity is not as specified, replace the switch.

If continuity is as specified, inspect the switch circuit.

### 2. INSPECT POWER WINDOW MASTER SWITCH CIRCUIT (See page BE-126)



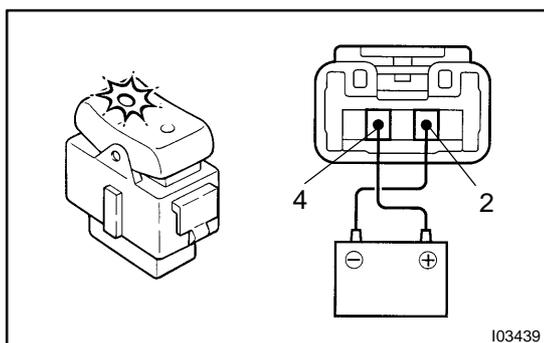
### 3. INSPECT PASSENGER'S DOOR LOCK CONTROL SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
LOCK	2 - 3	Continuity
OFF	-	No continuity
UNLOCK	1 - 2	Continuity

If continuity is not as specified, replace the switch.

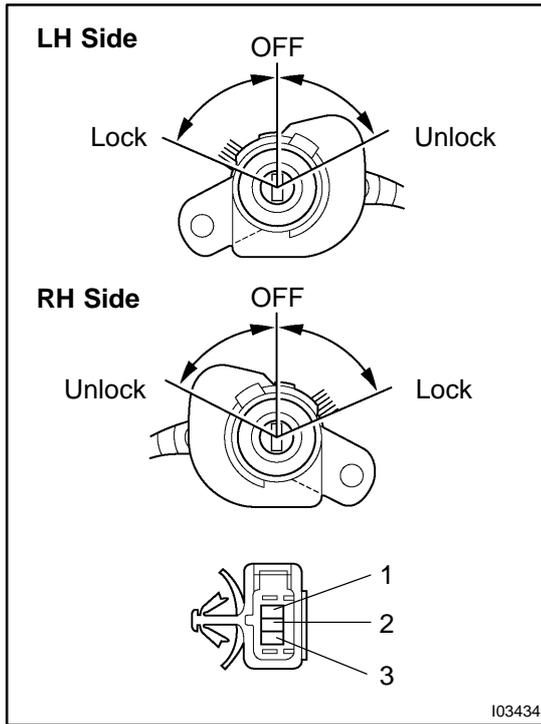
If continuity is as specified, inspect the switch circuit.

### 4. INSPECT PASSENGER'S DOOR LOCK CONTROL SWITCH CIRCUIT (See page DI-769)



### 5. INSPECT PASSENGER'S DOOR LOCK CONTROL INDICATOR LIGHT OPERATION

Connect the positive (+) lead from the battery to terminal 4 and the negative (-) lead to terminal 2, and check that the indicator light does not light up, replace the switch.



**6. INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY**

Switch position	Tester connection	Specified condition
LOCK	1 – 2	Continuity
OFF	–	No continuity
UNLOCK	2 – 3	Continuity

If continuity is not as specified, replace the switch.

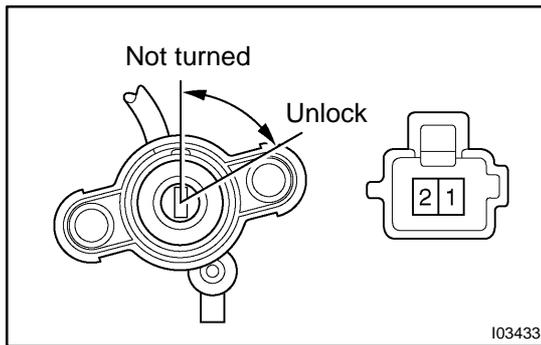
**HINT:**

Door key lock and unlock switch is built into the front door lock assembly.

If continuity is as specified, inspect the switch circuit.

**7. Driver’s door:  
 INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CIRCUIT (See page DI-743)**

**8. Passenger’s door:  
 INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CIRCUIT (See page DI-775)**



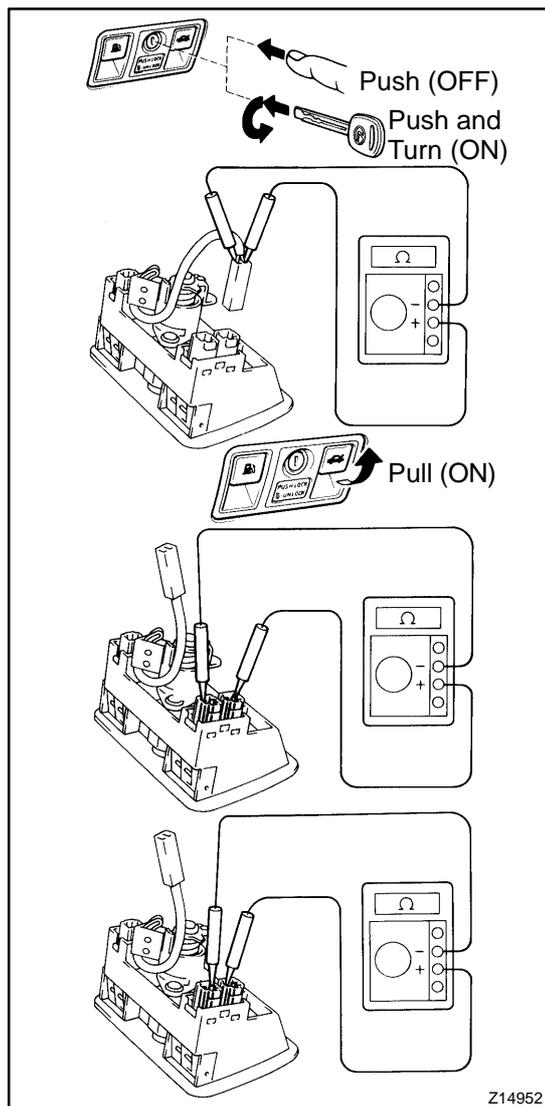
**9. INSPECT LUGGAGE COMPARTMENT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY**

Switch position	Tester connection	Specified condition
Not turned	–	No continuity
UNLOCK	1 – 2	Continuity

If continuity is not as specified, replace the switch.

If continuity is as specified, inspect the switch circuit.

**10. INSPECT LUGGAGE COMPARTMENT DOOR KEY LOCK AND UNLOCK SWITCH CIRCUIT (See page DI-711)**



#### 11. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MAIN SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF (Push)	-	No continuity
ON (Push and turn)	1 - 2	Continuity

If continuity is not as specified, replace the switch.

If continuity is as specified, inspect the switch circuit.

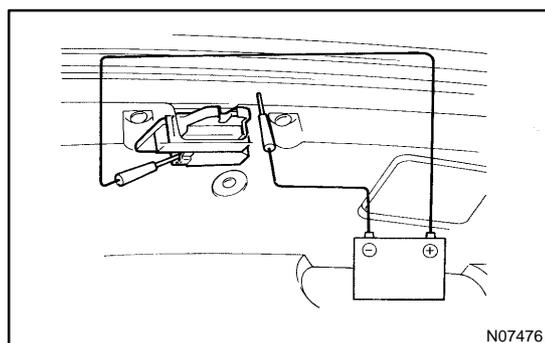
#### 12. INSPECT LUGGAGE COMPARTMENT DOOR OPENER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF	2 - B	Continuity
ON (Pull)	1 - L 2 - B	Continuity

If continuity is not as specified, replace the switch.

If continuity is as specified, inspect the switch circuit.

#### 13. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MAIN SWITCH AND OPENER SWITCH CIRCUIT (See page [DI-692](#))

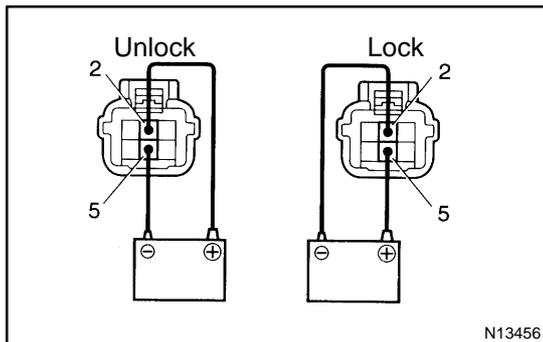
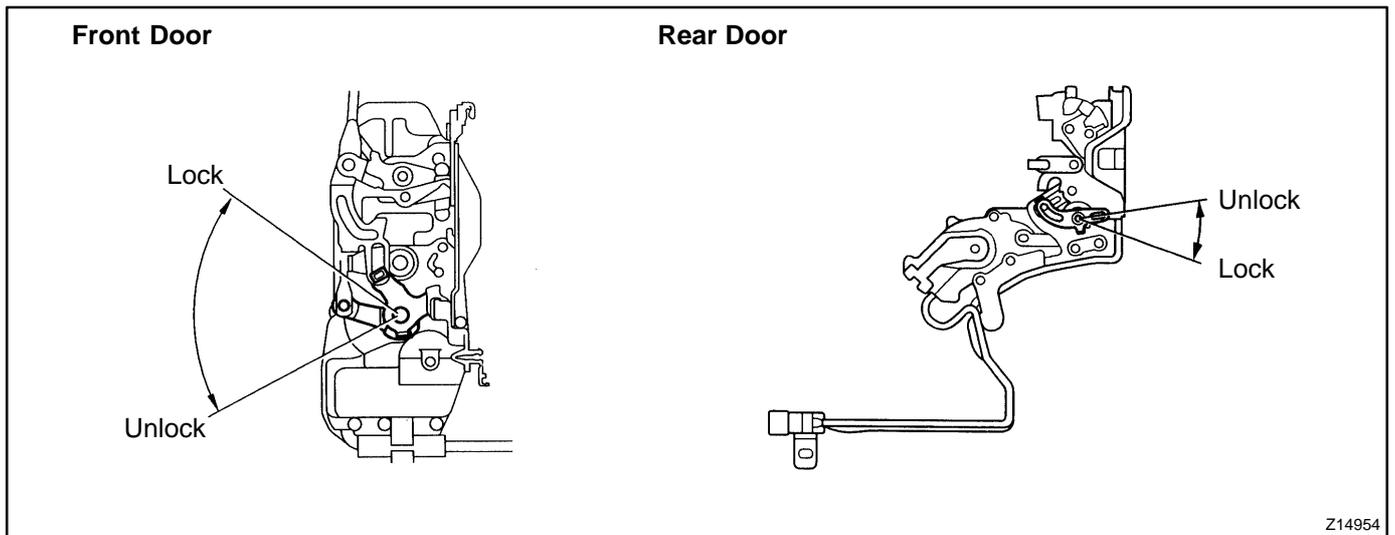


#### 14. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MOTOR OPERATION

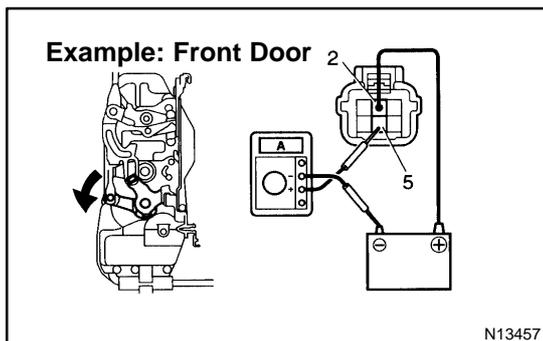
Connect positive (+) lead to the opener motor connector and negative (-) lead to the body of the opener motor, and check that the motor operates.

**15. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MOTOR CIRCUIT (See page DI-694)**

**16. INSPECT DOOR LOCK MOTOR OPERATION**

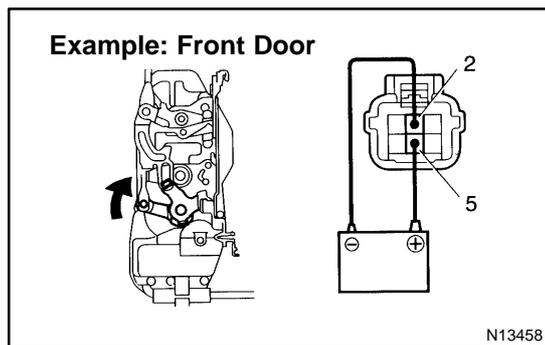


- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 5, and check that the door lock link moves to UNLOCK position.
  - (b) Reverse the polarity and check that the door lock link move to LOCK position.
- If operation is not as specified, replace the door lock assembly.



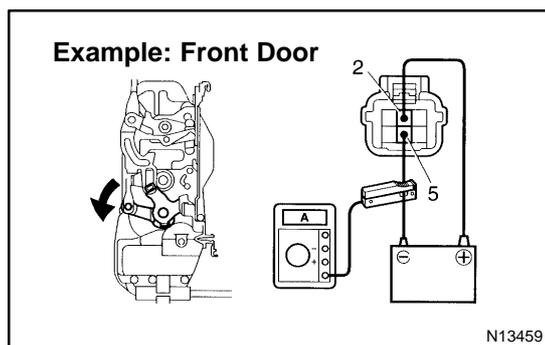
**17. Using an ammeter:  
INSPECT POWER DOOR LOCK MOTOR PTC THERMISTOR OPERATION**

- (a) Connect the positive (+) lead from the battery to terminal 2.
- (b) Connect the positive (+) lead from the ammeter to terminal 5 and the negative (-) lead to battery negative (-) terminal, and check that the current changes from approximately 3.2 ampere to less than 0.5 ampere with 20 to 70 seconds.



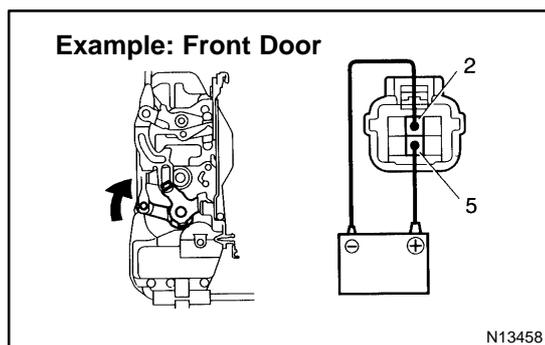
- (c) Disconnect the leads from terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 5 and the negative (-) lead to terminal 2, and check that the door lock moves to LOCK position.

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



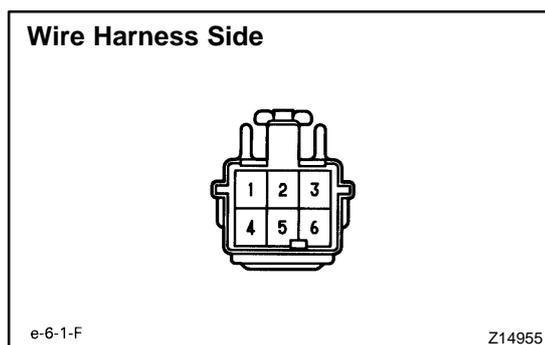
#### 18. Using an ammeter with a current-measuring probe: INSPECT POWER DOOR LOCK MOTOR PTC THERMISTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 5.
- (b) Attach a current-measuring probe to either the positive (+) lead or the negative (-) lead, and check that the current changes from approximately 3.2 ampere to less than 0.5 ampere within 20 to 70 seconds.



- (c) Disconnect the leads from terminals.
- (d) Approximately 60 seconds later, reverse the polarity, then check that the door lock moves to LOCK position.

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



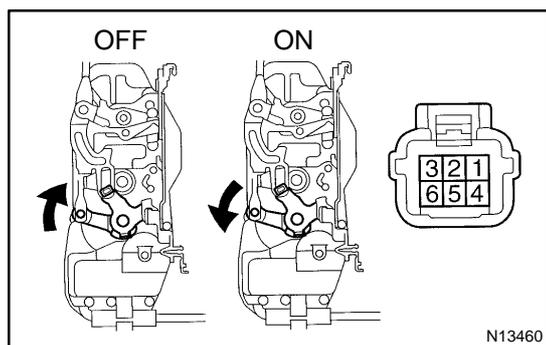
#### 19. INSPECT POWER DOOR LOCK MOTOR CIRCUIT

- (a) Disconnect the connector from the motor.
- (b) Connect the connector to the driver door ECU, front passenger door ECU and Body ECU.
- (c) Inspect the connector on the wire harness side, as shown.

If the circuit is not as specified, inspect the circuits connected to other parts.

Tester connection	Condition	Specified condition
2 – Ground	Ignition switch ON and door lock control switch LOCK	No voltage
2 – Ground	Ignition switch ON and door lock control switch UNLOCK	Battery positive voltage
5 – Ground	Ignition switch ON and door lock control switch UNLOCK	No voltage
5 – Ground	Ignition switch ON and door lock control switch LOCK	Battery positive voltage

2 – Ground	Ignition switch ON and master switch LOCK	No voltage
2 – Ground	Ignition switch ON and master switch UNLOCK	Battery positive voltage
5 – Ground	Ignition switch ON and master switch UNLOCK	No voltage
5 – Ground	Ignition switch ON and master switch LOCK	Battery positive voltage



## 20. INSPECT DOOR UNLOCK DETECTION SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF (Door lock set to LOCK)	–	No continuity
ON (Door lock set to UNLOCK)	1 – 4	Continuity

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

**HINT:**

Door unlock detection switch is built into the door lock assembly.

If continuity is as specified, inspect the door lock assembly circuit.

21. Driver's door:  
**INSPECT DOOR LOCK ASSEMBLY CIRCUIT**  
(See page [DI-741](#))
22. Front passenger's door:  
**INSPECT DOOR LOCK ASSEMBLY CIRCUIT**  
(See page [DI-773](#))
23. Rear left door:  
**INSPECT DOOR LOCK ASSEMBLY CIRCUIT**  
(See page [DI-803](#))
24. Rear right door:  
**INSPECT DOOR LOCK ASSEMBLY CIRCUIT**  
(See page [DI-826](#))