

INSPECTION

1. INSPECT POWER WINDOW MASTER SWITCH CONTINUITY

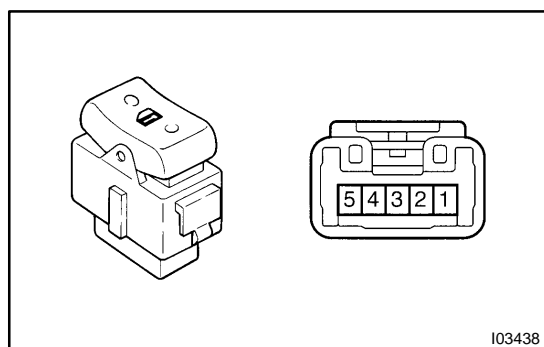
Master Switch: Driver's Door Lock Manual Switch

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](#))



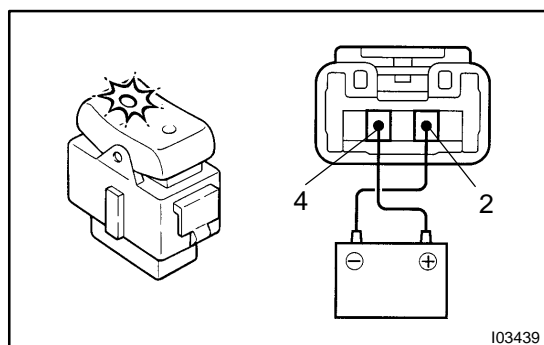
3. INSPECT PASSENGER'S DOOR LOCK CONTROL SWITCH CONTINUITY

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.

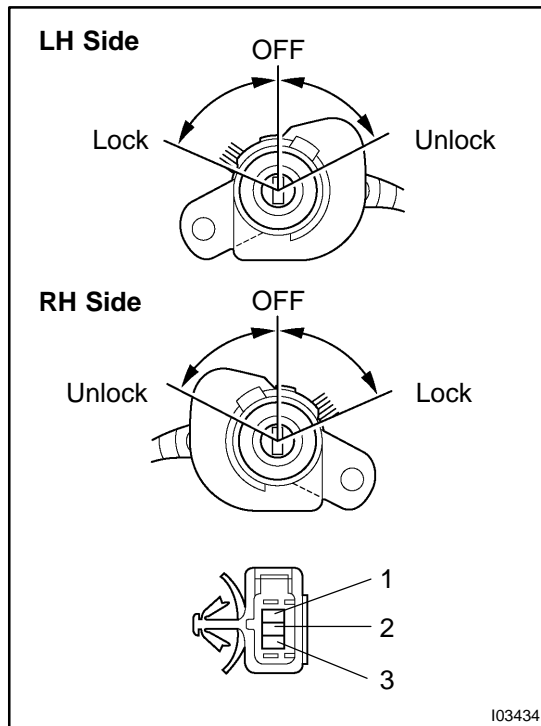
If continuity is as specified, inspect the switch circuit.

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

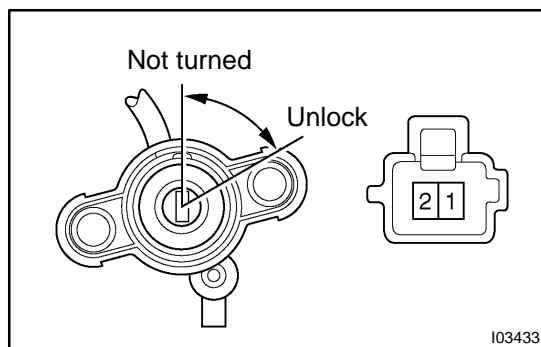
If continuity is not as specified, replace the switch.

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](#))



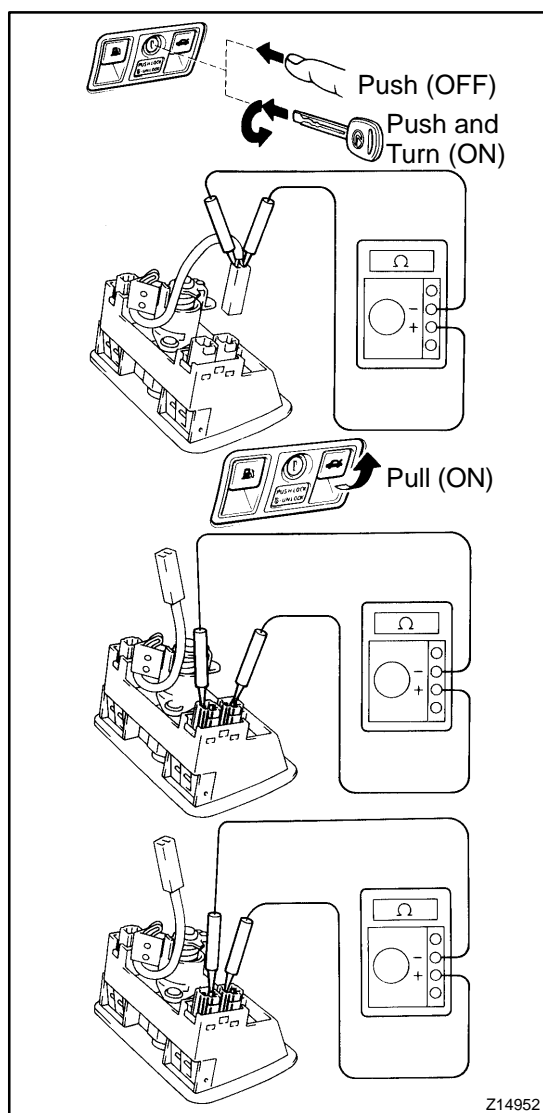
9. INSPECT LUGGAGE COMPARTMENT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY

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.

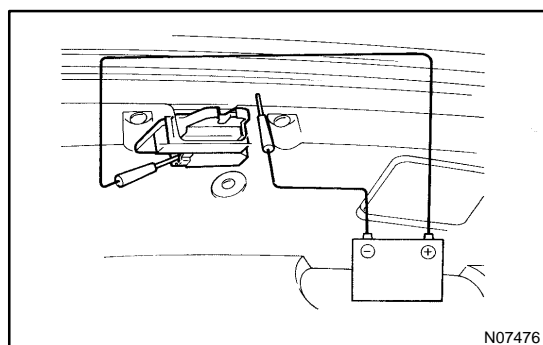
12. INSPECT LUGGAGE COMPARTMENT DOOR OPENER SWITCH CONTINUITY

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](#))

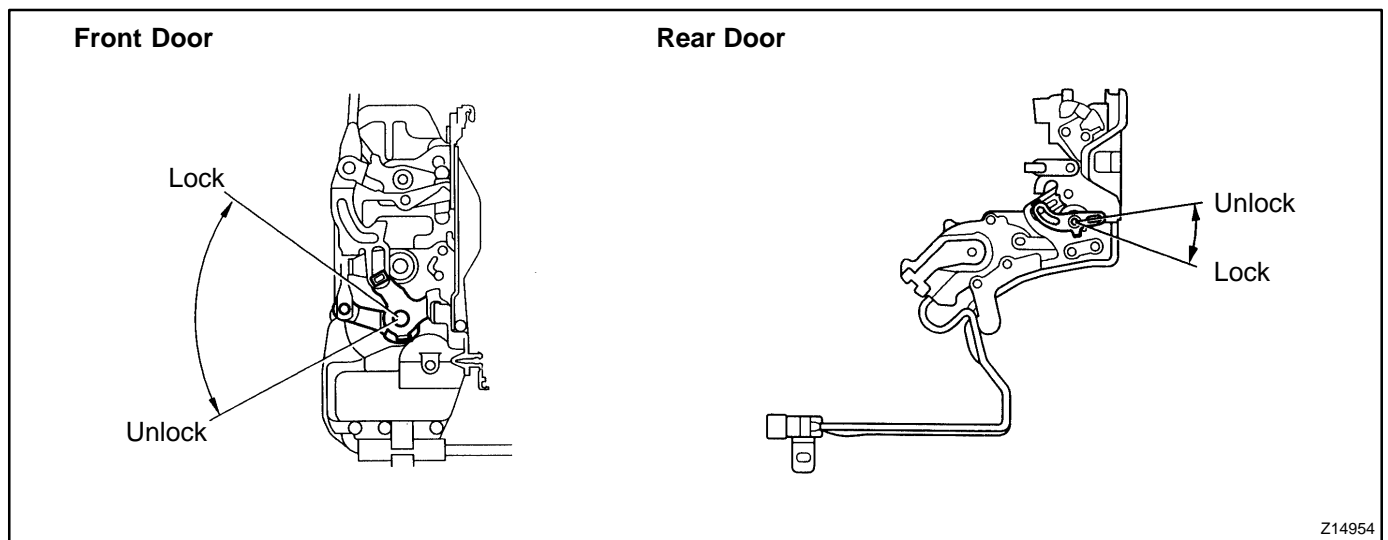


14. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MOTOR OPERATION

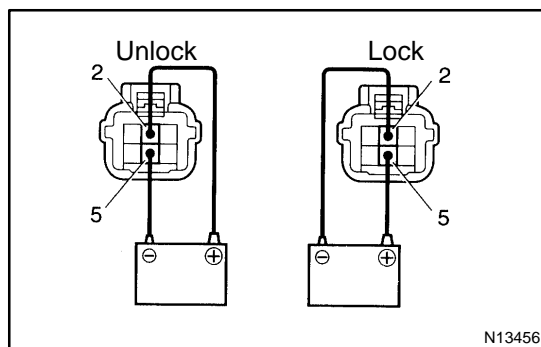
Connect positive (+) lead to the opener motor connector and negative (–) lead to the body of the opener motor, and check that the motor operates.

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

16. INSPECT DOOR LOCK MOTOR OPERATION



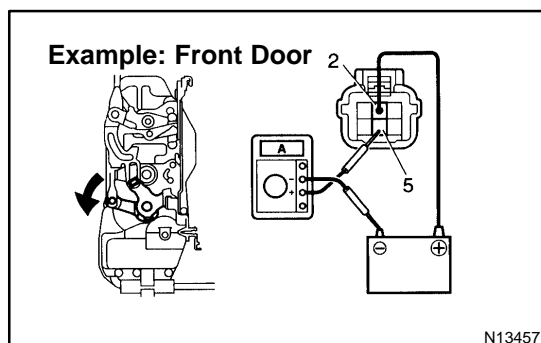
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- Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 5, and check that the door lock link moves to UNLOCK position.
- Reverse the polarity and check that the door lock link move to LOCK position.

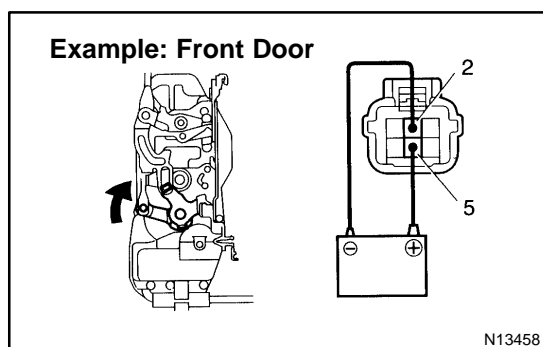
If operation is not as specified, replace the door lock assembly.



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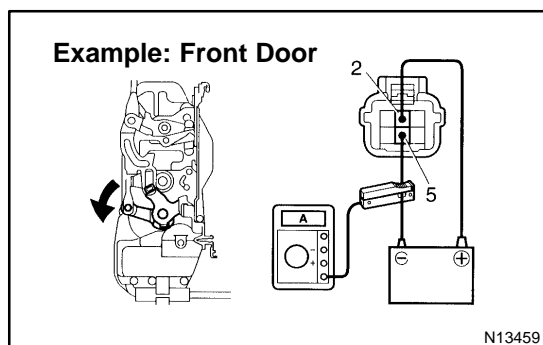
17. Using an ammeter: INSPECT POWER DOOR LOCK MOTOR PTC THERMISTOR OPERATION

- Connect the positive (+) lead from the battery to terminal 2.
- 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.



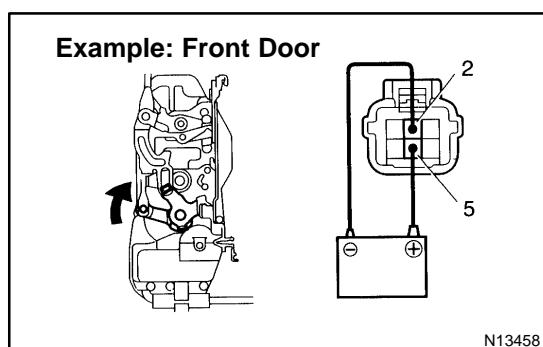
- (c) Disconnect the leads from terminals.
- (d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 5 and the negative (–) lead to terminal 2, and check that the door lock moves to LOCK position.

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



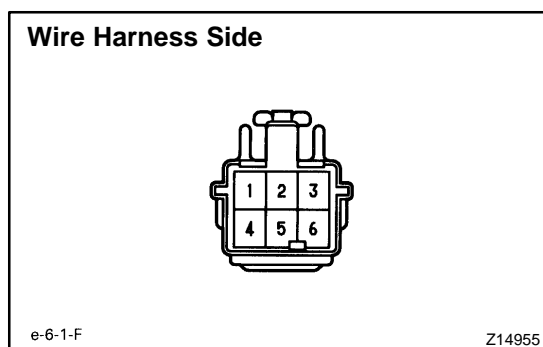
18. Using an ammeter with a current-measuring probe: INSPECT POWER DOOR LOCK MOTOR PTC THERMISTOR OPERATION

- (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.



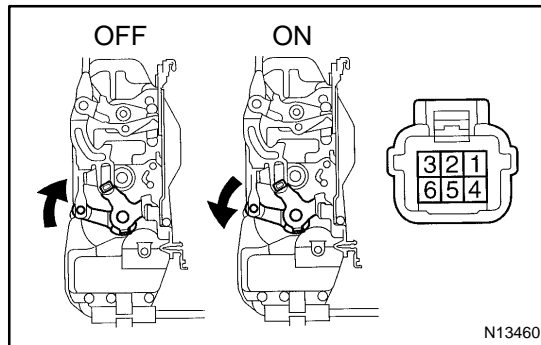
19. INSPECT POWER DOOR LOCK MOTOR CIRCUIT

- (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](#))