BE16G–01

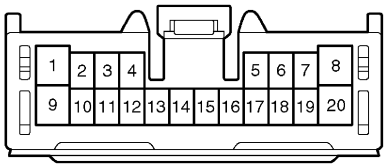
INSPECTION

1. INSPECT POWER WINDOW MASTER SWITCH CIRCUIT

Connector disconnected:

Disconnect the connectors from the switch and inspect connector on the wire harness side.

Wire Harness Side



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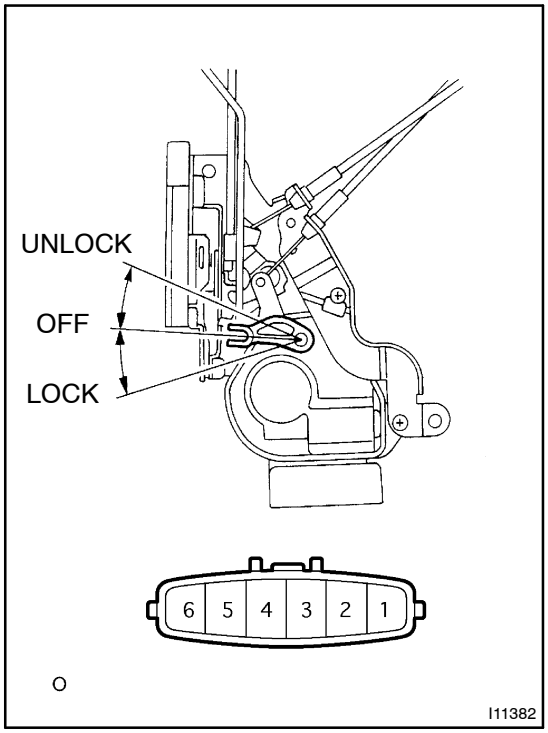
Tester connection	Condition	Specified condition
9 – Ground	Constant	Continuity
1, 5 – Ground	Constant	Battery voltage
2, 4 – Ground	Ignition switch LOCK	No voltage
2, 4 – Ground	Ignition switch ACC or ON	Battery voltage
15 – Ground (LHD)	Driver's door key lock and unlock switch LOCK	No Continuity
15 – Ground (LHD)	Driver's door key lock and unlock UNLOCK	Continuity
16 – Ground	Each door courtesy switch ON (door opened)	No Continuity
16 – Ground	Each door courtesy switch OFF (door closed)	Continuity
6 – Ground (RHD)	Driver's door key lock and unlock switch LOCK	No Continuity
6 – Ground (RHD)	Driver's door lock and unlock switch UNLOCK	Continuity

If circuit is not as specified, replace the switch.

2. INSPECT POWER WINDOW MASTER SWITCH CIRCUIT (See page DI–598)

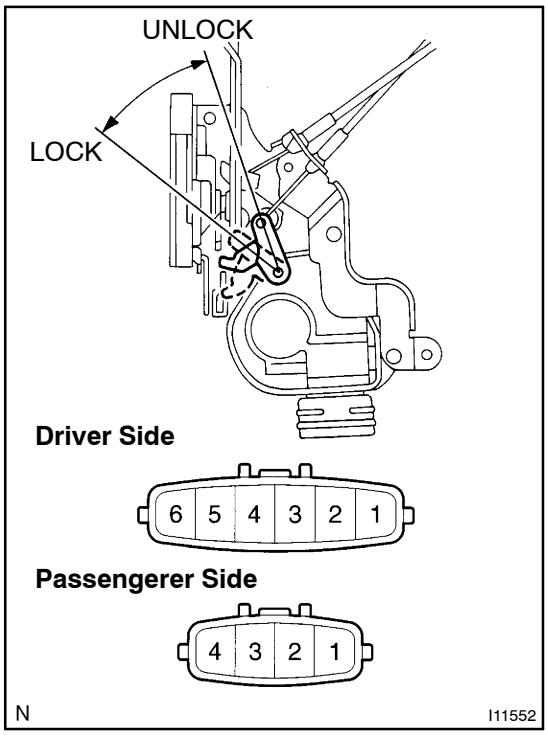


3. INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY

( ): LHD models

Switch position	Tester connection	Specified condition
LOCK	3 – 5 (2 – 4)	Continuity
OFF	–	No continuity
UNLOCK	4 – 5 (2 – 3)	Continuity

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



4. w/o Double locking system: INSPECT DRIVER SIDE DOOR UNLOCK DETECTION SWITCH CONTINUITY

( ): LHD models

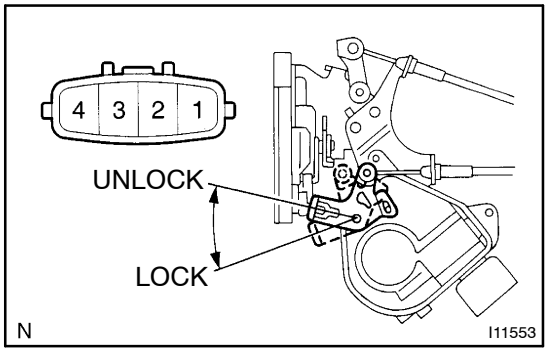
Switch position	Tester connection	Specified condition
OFF (Door Lock set to LOCK)	–	No continuity
ON (Door Lock set to UNLOCK)	5 – 6 (3 – 4)	Continuity

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

5. w/o Double locking system: INSPECT PASSENGER 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 – 2	Continuity

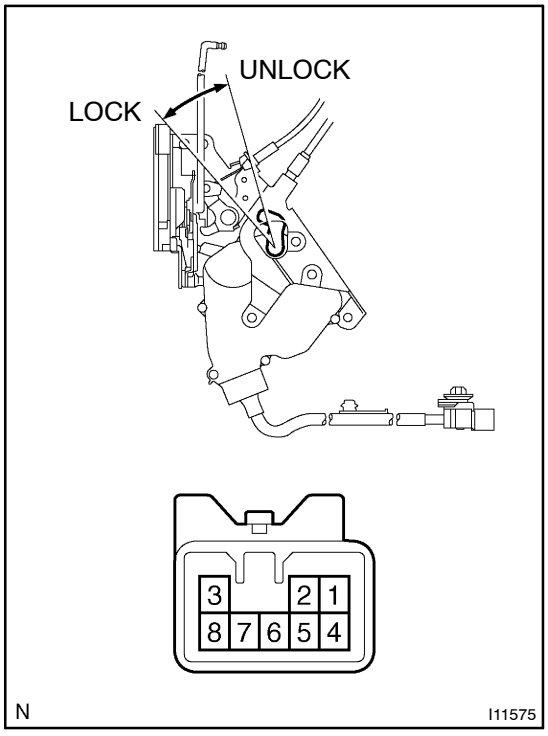
If continuity is not as specified, replace the door lock assembly.



6. w/o Double locking system:
INSPECT REAR DOOR DOOR UNLOCK DETECTION SWITCH CONTINUITY
( ): LHD side

Switch position	Tester connection	Specified condition
OFF (Door Lock set to LOCK)	–	No continuity
ON (Door Lock set to UNLOCK)	3 – 4 (1 – 2)	Continuity

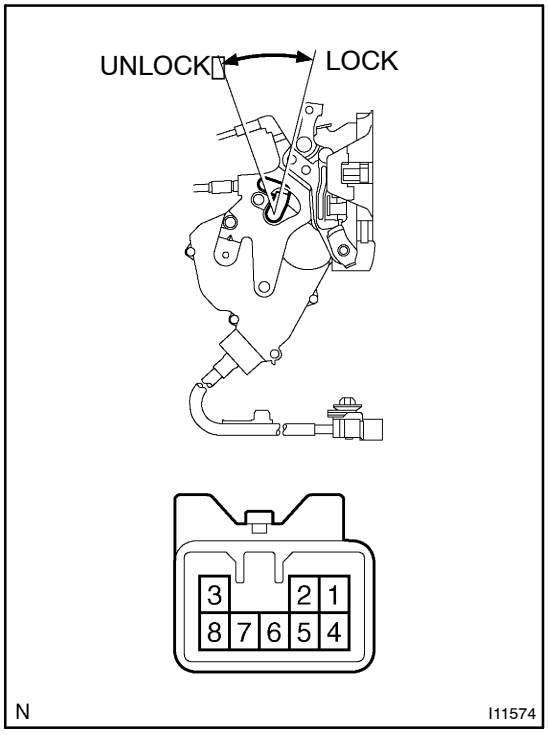
If continuity is not as specified, replace the door lock assembly.



7. w/ Double locking system:
INSPECT FRONT 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 – 5	Continuity

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

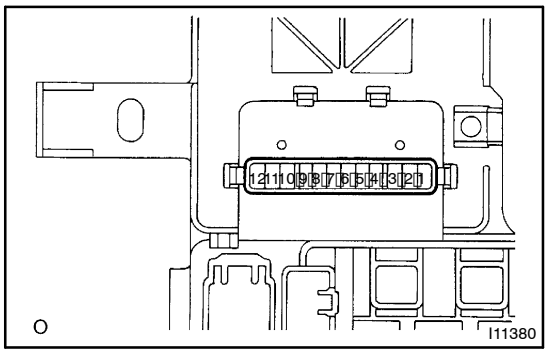


8. w/ Double locking system: INSPECT REAR DOOR UNLOCK DETECTION SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF (Door Lock set to LOCK)	–	No continuity
ON (Door Lock set to UNLOCK)	1 – 5	Continuity

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

9. INSPECT DOOR UNLOCK DETECTION SWITCH CIRCUIT (See page DI–595)



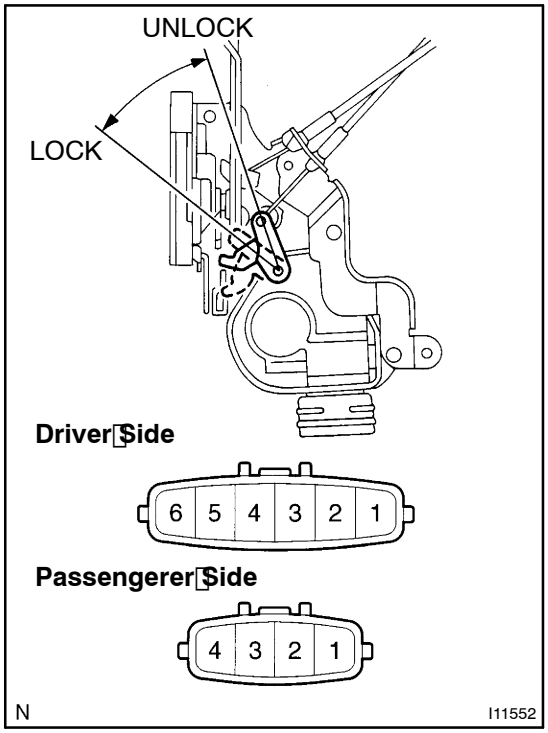
10. INSPECT DOOR LOCK MOTOR AND J/B CIRCUIT

(a) Remove the body ECU from the driver's side junction block.

(b) Connect the positive (+) lead from the battery to J/B terminal 9 and the negative (–) lead to J/B terminal 10, and check that the door lock link moves to LOCK position.

(c) Reverse the polarity and check that the door link moves to UNLOCK position.

If operation is not as specified, inspect door lock motor.



11. w/o Double locking system: INSPECT FRONT LEFT SIDE DOOR LOCK MOTOR OPERATION

( ): LHD models

(a) Connect the positive (+) lead from the battery to terminal 3 (5) and the negative (–) lead to terminal 4 (6), and check that the door lock link moves to LOCK position.

(b) Reverse the polarity and check that the door lock link moves to UNLOCK position.

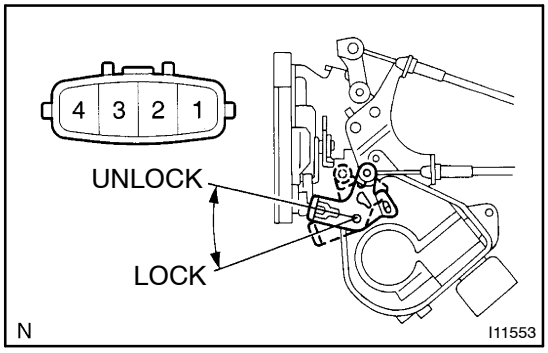
If operation is not as specified, replace the door lock assembly.

12. w/o Double locking system: INSPECT FRONT RIGHT SIDE DOOR LOCK MOTOR OPERATION

(a) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2, and check that the door lock link moves to LOCK position.

(b) Reverse the polarity and check that the door lock link moves to UNLOCK position.

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



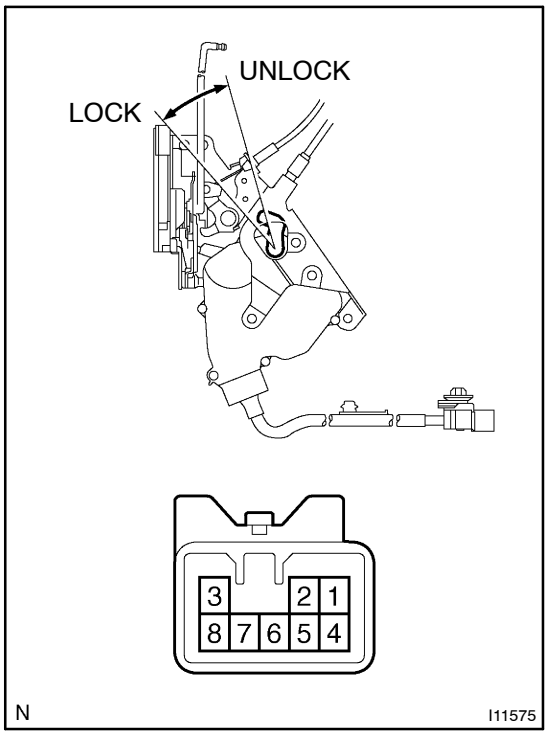
13. w/o Double locking system:
INSPECT REAR DOOR LOCK MOTOR OPERATION
( ): LHD models

(a) Connect the positive (+) lead from the battery to terminal 1 (3) and the negative (–) lead to terminal 2 (4), and check that the door lock link moves to LOCK position.

(b) Reverse the polarity and check that the door lock link moves to UNLOCK position.

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

14. INSPECT DOOR LOCK MOTOR CIRCUIT
(See page DI–592)

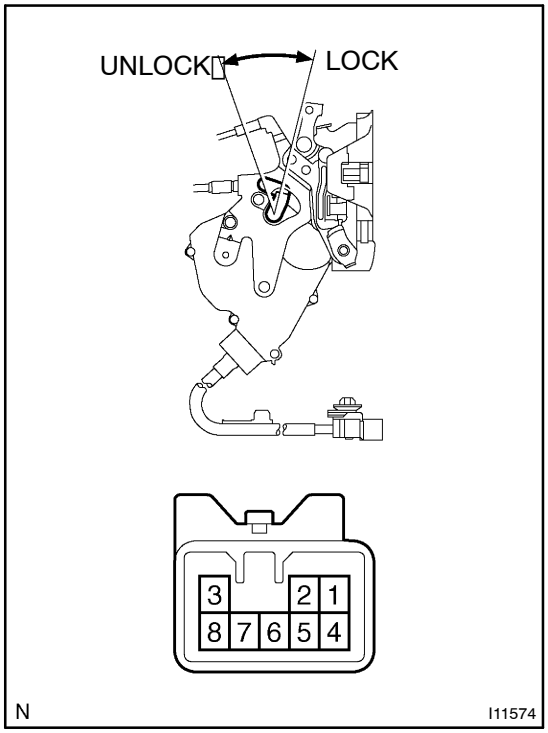


15. w/ Double locking system:
INSPECT FRONT DOOR LOCK MOTOR OPERATION

(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 3, and check that the door lock link moves to LOCK position.

(b) Reverse the polarity and check that the door lock link moves to UNLOCK position.

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



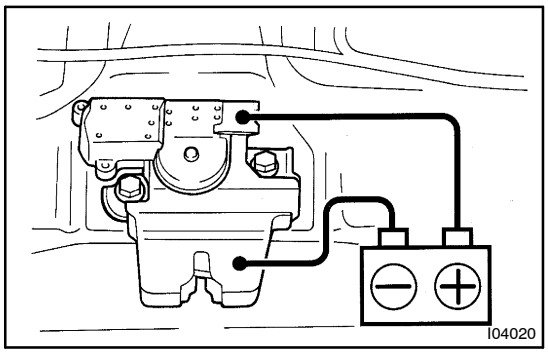
16. w/ Double locking system: INSPECT REAR DOOR LOCK MOTOR OPERATION

(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 3, and check that the door lock link moves to LOCK position.

(b) Reverse the polarity and check that the door lock link moves to UNLOCK position.

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

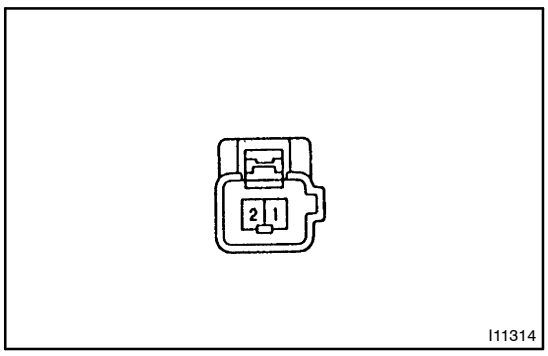
17. INSPECT DOOR LOCK MOTOR CIRCUIT
(See page DI–592)



18. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MOTOR OPERATION

Connect positive (+) lead to the terminal 1 and negative (–) lead to the opener motor body, and check that the motor operates.

If operation is not as specified, replace the motor assembly.



19. INSPECT LUGGAGE COMPARTMENT DOOR OPENER MOTOR CIRCUIT
(See page DI–589)