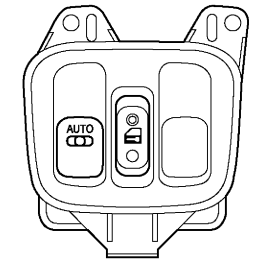
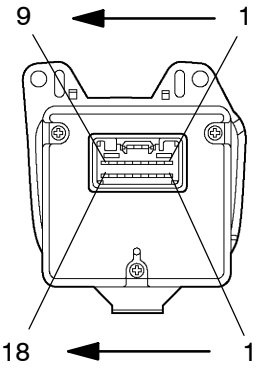
BE1EX–01

INSPECTION

Reference LHD model



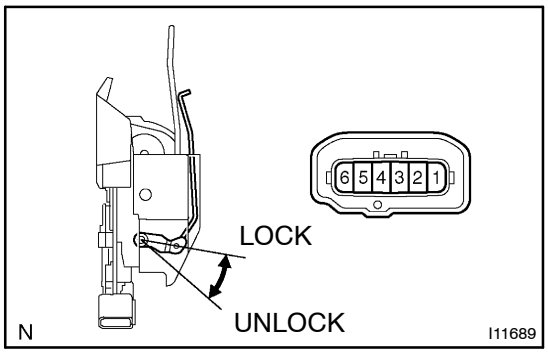


N I11709

1. Master switch:
INSPECT DRIVER'S DOOR LOCK CONTROL SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
LOCK	5 – 17	Continuity
OFF	–	No continuity
UNLOCK	6 – 17	Continuity

If continuity is not as specified, replace the switch.

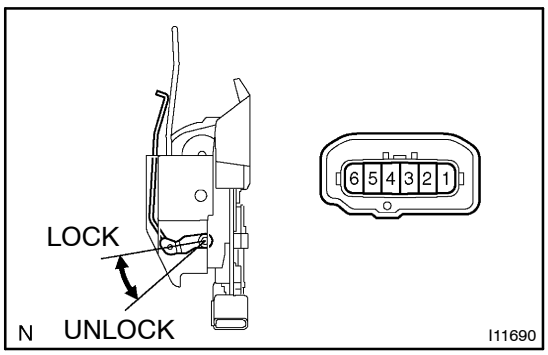


N I11689

2. w/o Double lock system LH door side:
INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
LOCK	3 – 5	Continuity
OFF	–	No continuity
UNLOCK	3 – 6	Continuity

If continuity is not as specified, replace the switch.

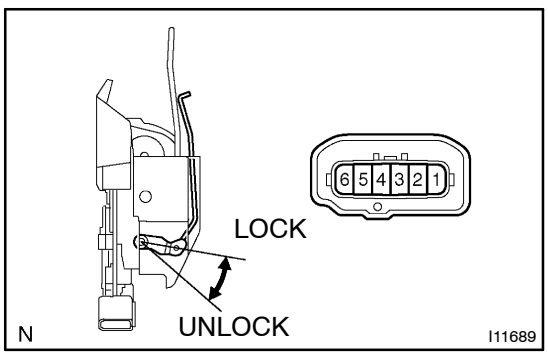


I11690

3. w/o Double lock system RH door side:
INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
LOCK	2 – 4	Continuity
OFF	–	No continuity
UNLOCK	1 – 4	Continuity

If continuity is not as specified, replace the switch.

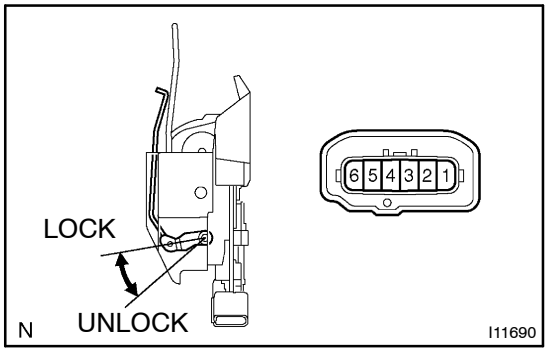


I11689

4. w/o Double lock system LH door side:
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)	3 – 4	Continuity

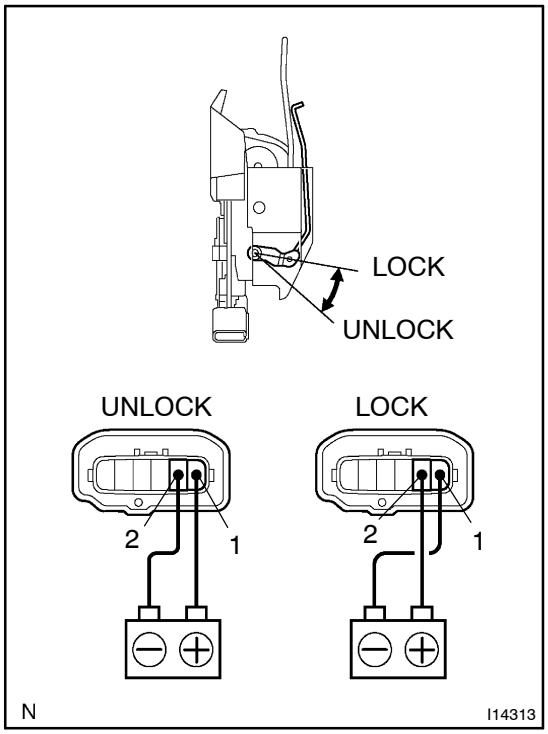
If continuity is not as specified, replace the switch.



5. w/o Double lock system RH door side: 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)	3 – 4	Continuity

If continuity is not as specified, replace the switch.

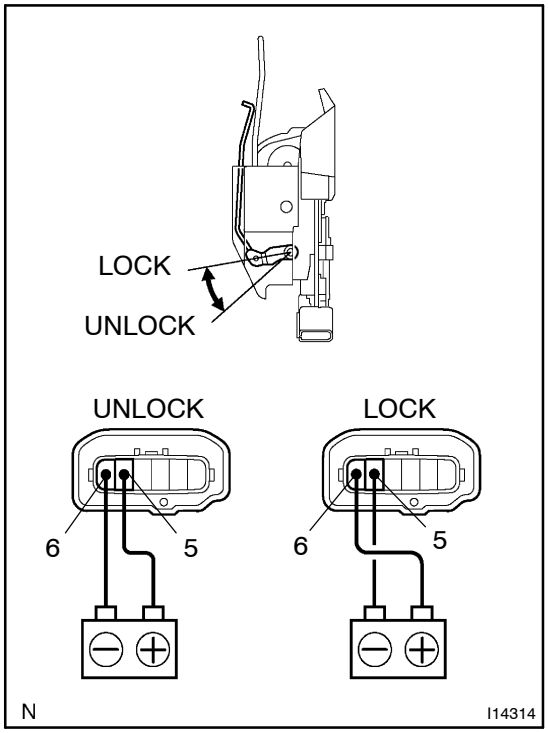


6. w/o Double lock system LH door side: INSPECT DOOR LOCK MOTOR OPERATION

(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 UNLOCK position.

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

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

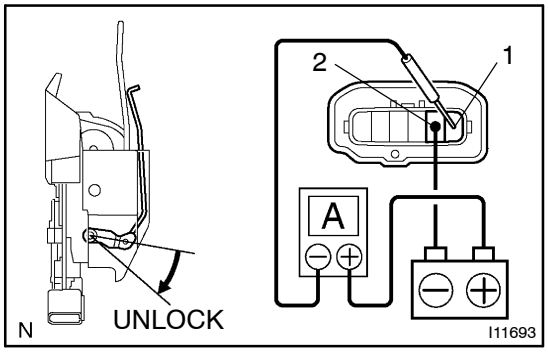


7. w/o Double lock system RH door side: INSPECT DOOR LOCK MOTOR OPERATION

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

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

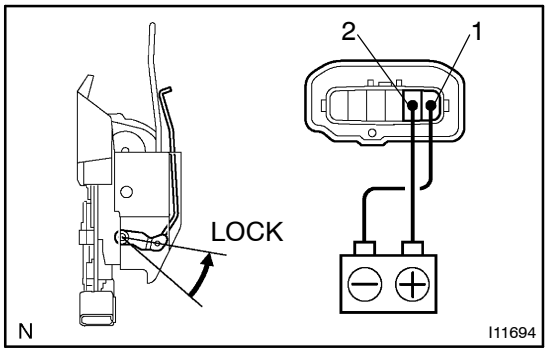
If operation is not as specified, replace the door lock assembly.



8. w/o Double lock system LH door side:
INSPECT DRIVER'S DOOR PTC THERMISTOR OPERATION

(a) Connect the negative (–) lead from the battery to terminal 2.

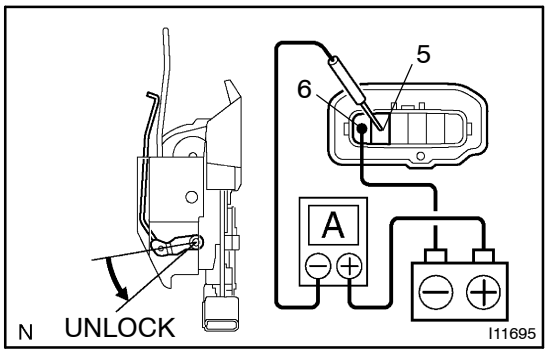
(b) Connect the positive (+) lead from the ammeter to terminal 1 and the negative (–) lead to battery negative (–) terminal, and check that the current changes from approximately 3.2 A to less than 0.5 A within 20 to 70 seconds.



(c) Disconnect the leads from terminals.

(d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 1, and check that the door lock moves to the LOCK position.

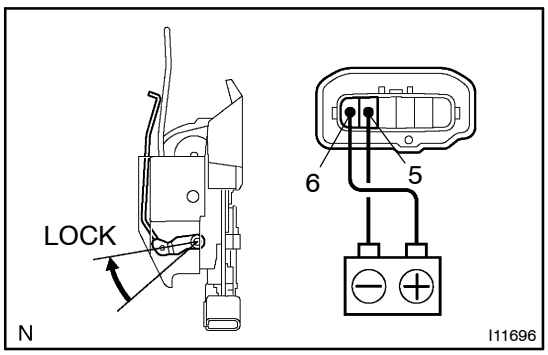
If operation is not as specified, replace the door lock assembly.



9. w/o Double lock system RH door side:
INSPECT PASSENGER'S DOOR PTC THERMISTOR OPERATION

(a) Connect the negative (–) lead from the battery to terminal 6.

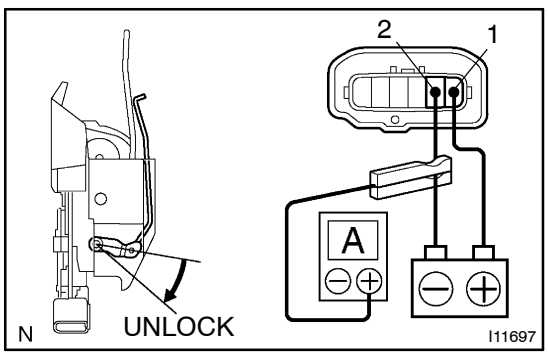
(b) Connect the positive (+) lead from the ammeter to terminal 5 and the negative (–) lead to battery negative (–) terminal, and check that the current changes from approximately 3.2 A to less than 0.5 A within 20 to 70 seconds.



(c) Disconnect the leads from terminals.

(d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 6 and the negative (–) lead to terminal 5, and check that the door lock moves to the LOCK position.

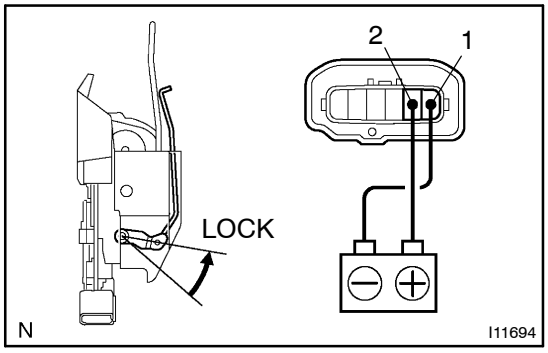
If operation is not as specified, replace the door lock assembly.



10. w/o Double lock system LH door side:
INSPECT DRIVER'S DOOR PTC THERMISTOR OPERATION

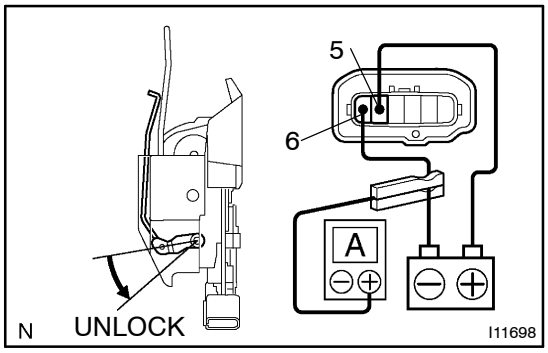
(a) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2.

(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 A to less than 0.5 A within 20 to 70 seconds.



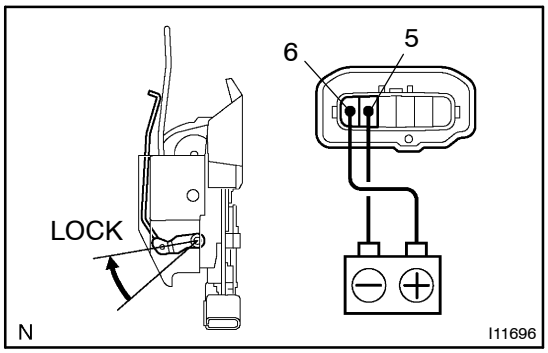
(c) Disconnect the leads from terminals.
(d) Approximately 60 seconds later, reverse the polarity, and check that the door lock moves to the LOCK position.

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



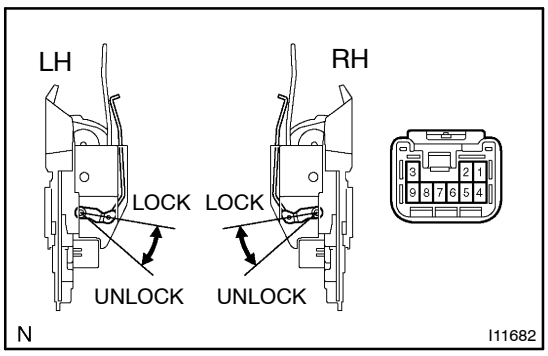
11. w/o Double lock system RH door side:
INSPECT PASSENGER'S DOOR PTC THERMISTOR OPERATION

(a) Connect the positive (+) lead from the battery to terminal 5 and the negative (–) lead to terminal 6.
(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 A to less than 0.5 A within 20 to 70 seconds.



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

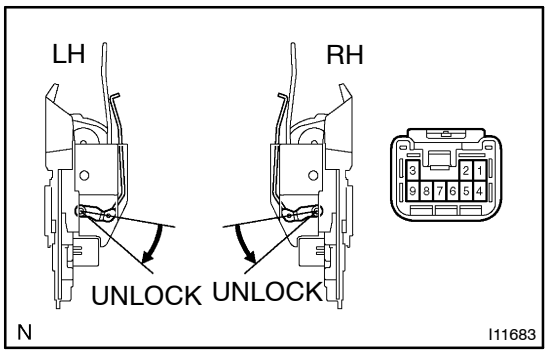
If operation is not as specified, replace the door lock assembly.



12. w/ Double lock system:
INSPECT DOOR KEY LOCK AND UNLOCK SWITCH CONTINUITY

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

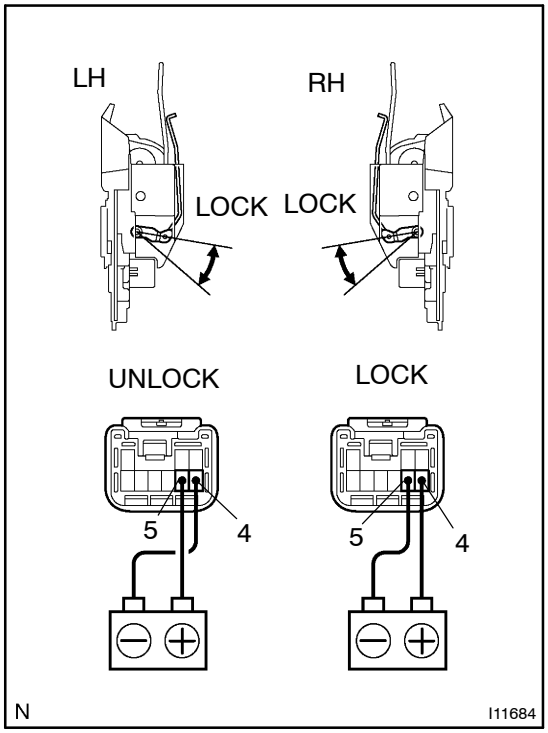
If continuity is not as specified, replace the switch.



13. w/ Double lock system:
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)	3 – 7	Continuity

If continuity is not as specified, replace the switch.

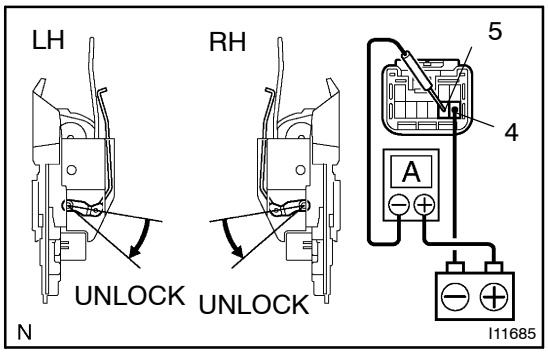


14. w/ Double lock system:
INSPECT DOOR LOCK MOTOR OPERATION

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

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

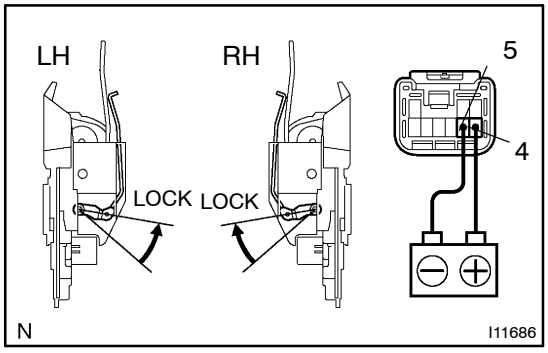
If operation is not as specified, replace the door lock assembly.



15. w/ Double lock system:
INSPECT DRIVER'S DOOR PTC THERMISTOR OPERATION

(a) Connect the negative (–) lead from the battery to terminal 4.

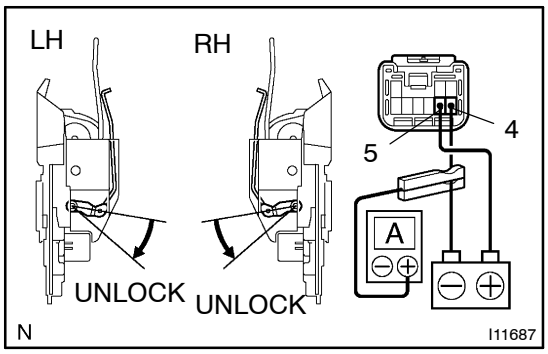
(b) Connect the positive (+) lead from the ammeter to terminal 5 and the negative (–) lead to battery negative (–) terminal, and check that the current changes from approximately 3.2 A to less than 0.5 A within 20 to 70 seconds.



(c) Disconnect the leads from terminals.

(d) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 4 and the negative (–) lead to terminal 5, and check that the door lock moves to the LOCK position.

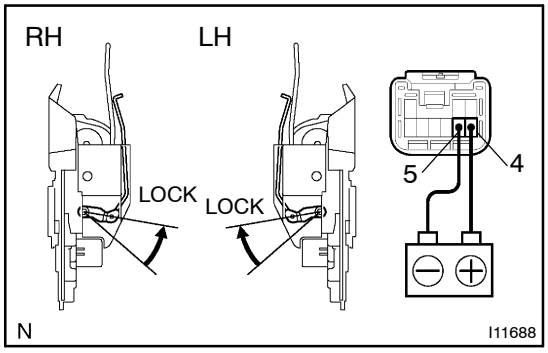
If operation is not as specified, replace the door lock assembly.



16. w/ Double lock system:
INSPECT DRIVER'S DOOR PTC THERMISTOR OPERATION

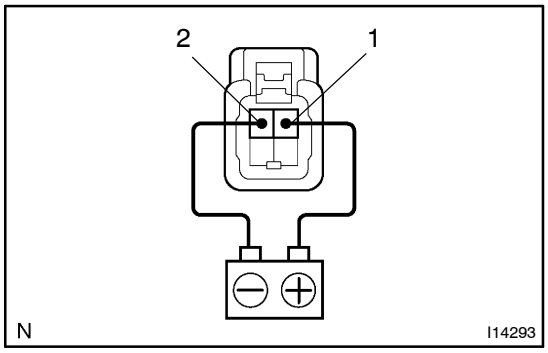
(a) Connect the positive (+) lead from the battery to terminal 5 and the negative (–) lead to terminal 4.

(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 A to less than 0.5 A within 20 to 70 seconds.



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

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



17. INSPECT BACK DOOR LOCK MOTOR OPERATION

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 UNLOCK position.

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