

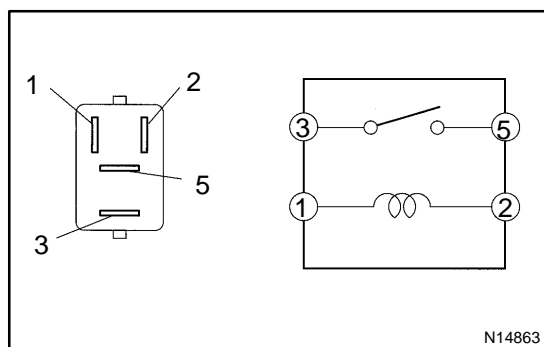
I08152

INSPECTION

1. INSPECT POWER WINDOW REGULATOR SWITCH CONTINUITY

Switch Position	Tester Connection	Specified Condition
UP	2 – 3, 4 – 5	Continuity
OFF	2 – 3 – 5	Continuity
DOWN	2 – 4, 3 – 5	Continuity

If the continuity is not as specified, replace the switch.

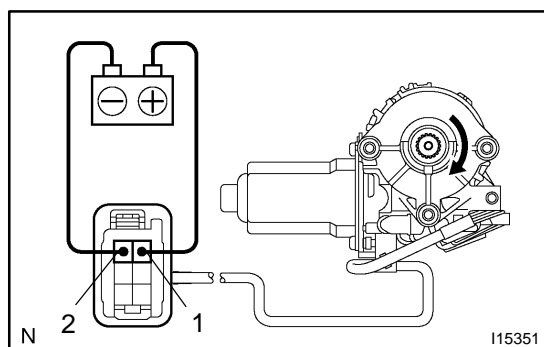


N14863

2. INSPECT POWER MAIN RELAY CONTINUITY

Tester Connection	Specified Condition
3 – 5	No continuity
3 – 5	Continuity (When battery voltage is applied to terminals 1 and 2)

If the continuity is not as specified, replace the relay.

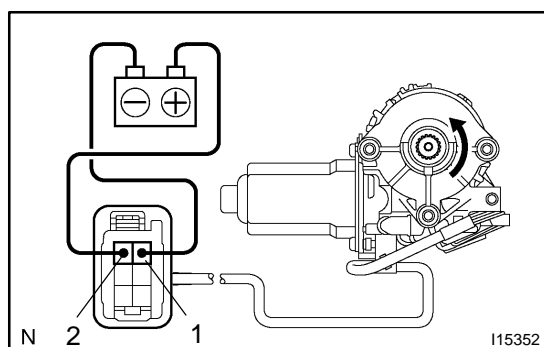


I15351

3. Driver side door:

INSPECT POWER WINDOW MOTOR OPERATION

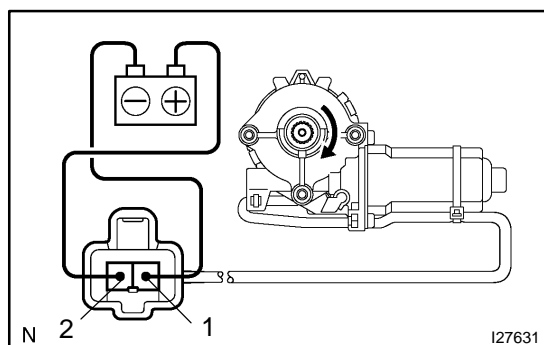
- (a) Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the motor turns clockwise.



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- (b) Reverse the polarity and check that the motor turns counterclockwise.

If operation is not as specified, replace the motor.

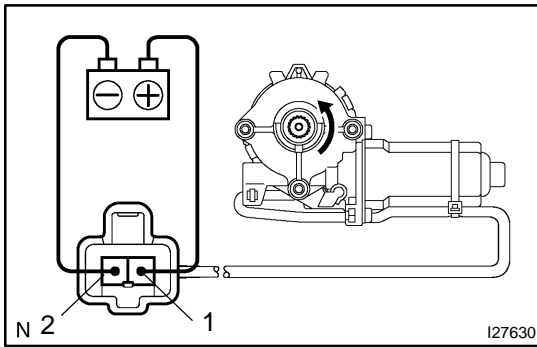


I27631

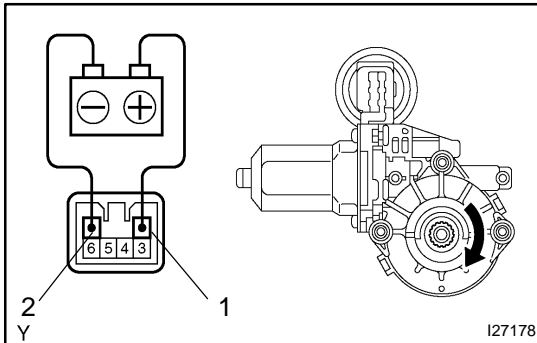
4. Passenger side door:

INSPECT POWER WINDOW MOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, and check that the motor turns clockwise.



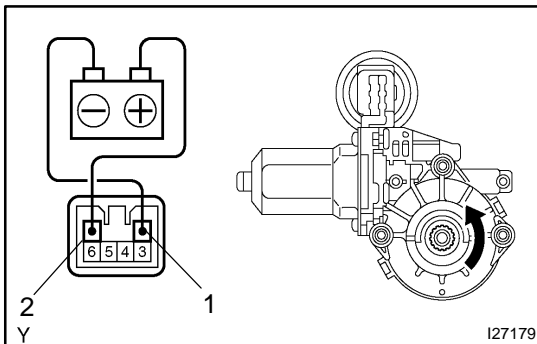
- (b) Reverse the polarity and check that the motor turns counterclockwise.
If operation is not as specified, replace the motor.



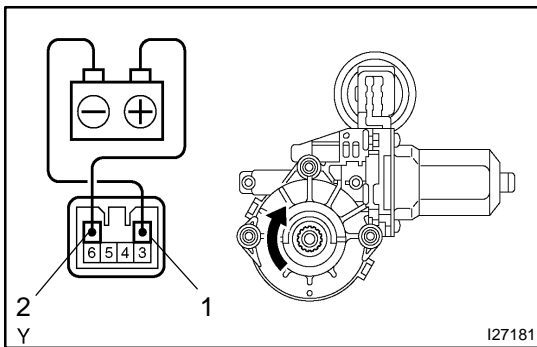
5. Rear right door:

INSPECT POWER WINDOW MOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminals 2, then check that the motor turns clockwise.



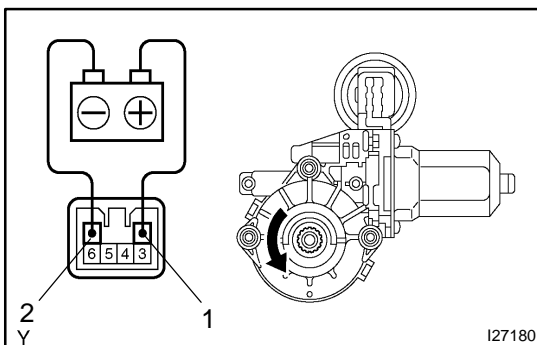
- (b) Reverse the polarity, and check that the motor turns counterclockwise.
If operation is not as specified, replace the motor.



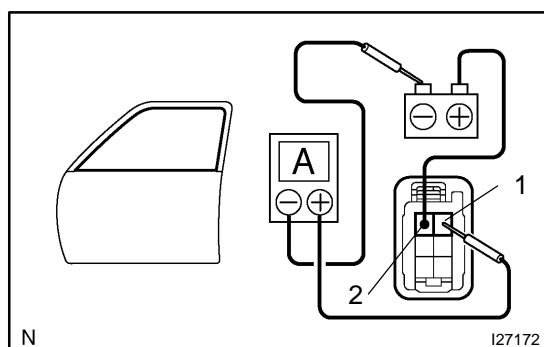
6. Rear left door:

INSPECT POWER WINDOW MOTOR OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the motor turns clockwise.



- (b) Reverse the polarity and check that the motor turns counterclockwise.
If operation is not as specified, replace the motor.

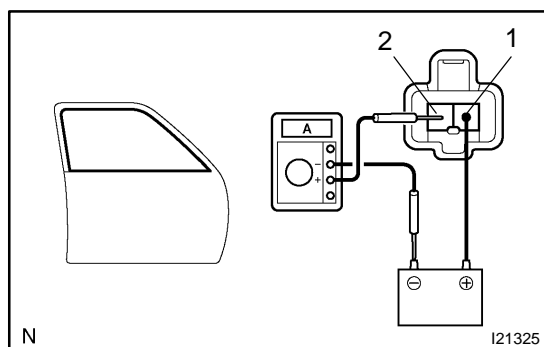
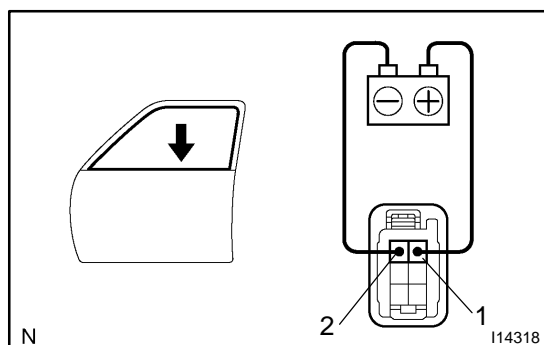


7. Driver side door:

INSPECT POWER WINDOW MOTOR PTC THERMISTOR OPERATION

- Disconnect the connector from the motor.
- Connect the positive (+) lead from the ammeter to terminal 1 of the motor side connector and the negative (-) lead to negative terminal of the battery.
- Connect the positive (+) lead from the battery to terminal 2 of the motor side connector, and raise the window to the fully closed position.
- Continue to apply voltage and check that the current changes from approximately 14 A to less than 1 A within 4 to 90 seconds.
- Disconnect the leads from the terminals.
- Approximately 90 seconds later, connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, then check that the window begins to move down.

If operation is not as specified, replace the motor.

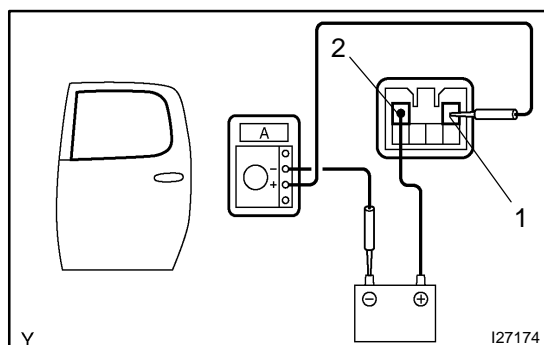
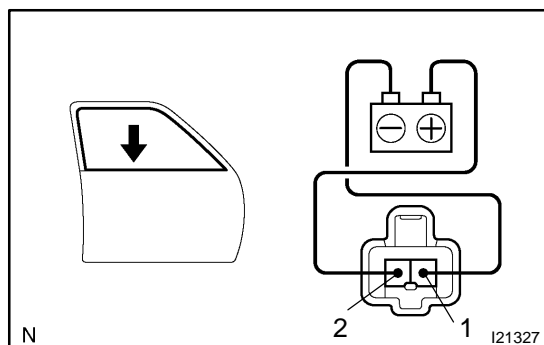


8. Passenger side door:

INSPECT POWER WINDOW MOTOR PTC THERMISTOR OPERATION

- Disconnect the connector from the motor.
- Connect the positive (+) lead from the ammeter to terminal 2 of the motor connector and the negative (-) lead to negative terminal of the battery.
- Connect the positive (+) lead from the battery to terminal 1 of the motor connector, and raise the window to the fully closed position.
- Continue to apply voltage and check that the current changes from approximately 14 A to less than 1 A within 4 to 90 seconds.
- Disconnect the leads from the terminals.
- Approximately 90 seconds later, connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the window begins to move down.

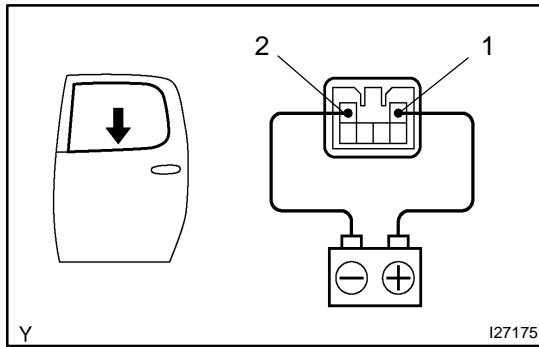
If operation is not as specified, replace the motor.



9. Rear left door:

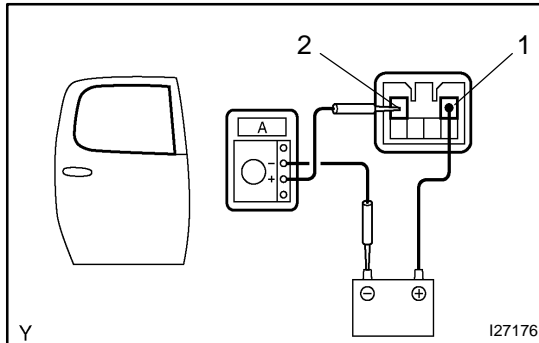
INSPECT POWER WINDOW MOTOR PTC THERMISTOR OPERATION

- Disconnect the connector from the motor.
- Connect the negative (+) lead from the ammeter to terminal 1 of the motor connector and the negative (-) lead to negative terminal of the battery.
- Connect the positive (+) lead from the battery to terminal 2 of the motor connector, and raise the window to the fully closed position.



- (d) Continue to apply voltage and check that the current changes from approximately 14 A to less than 1 A within 4 to 90 seconds.
- (e) Disconnect the leads from the terminals.
- (f) Approximately 90 seconds later, connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2, then check that the window begins to move down.

If operation is not as specified, replace the motor.



10. Rear right door: INSPECT POWER WINDOW MOTOR PTC THERMISTOR OPERATION

- (a) Disconnect the connector from the motor.
- (b) Connect the negative (+) lead from the ammeter to terminal 2 of the motor connector and the negative (–) lead to negative terminal of the battery.
- (c) Connect the positive (+) lead from the battery to terminal 1 of the motor connector, and raise the window to the fully closed position.
- (d) Continue to apply voltage and check that the current changes from approximately 14 A to less than 1 A within 4 to 90 seconds.
- (e) Disconnect the leads from the terminals.
- (f) Approximately 90 seconds later, connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 1, check that the window begins to move down.

If operation is not as specified, replace the motor.

