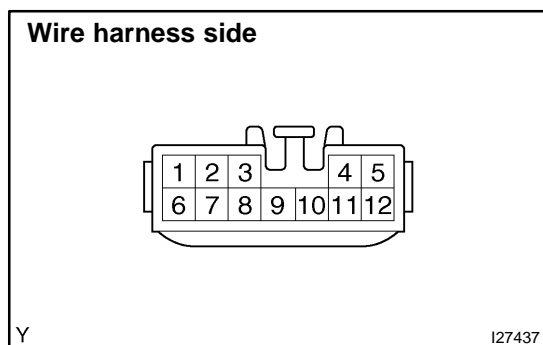


INSPECTION

1. INSPECT BACK POWER WINDOW SWITCH CONTINUITY

Switch Position	Tester Connection	Specified Condition
UP	1 – 3, 2 – 6	Continuity
OFF	2 – 3, 2 – 6	No continuity
DOWN	1 – 6, 2 – 3	Continuity

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



2. CHECK BACK WINDOW CONTROL RELAY CIRCUIT

- (a) Disconnect the connector from the relay, and check the connector on the wire harness side, as shown in the table below.

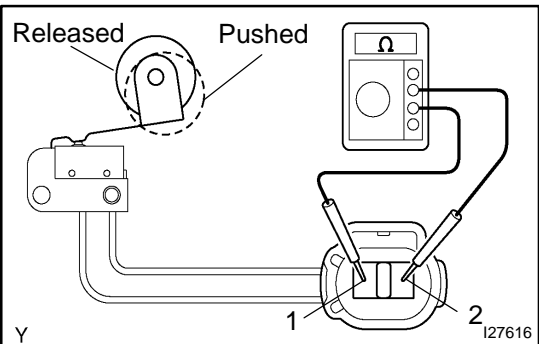
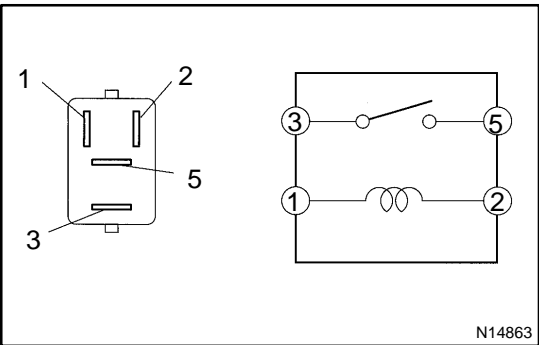
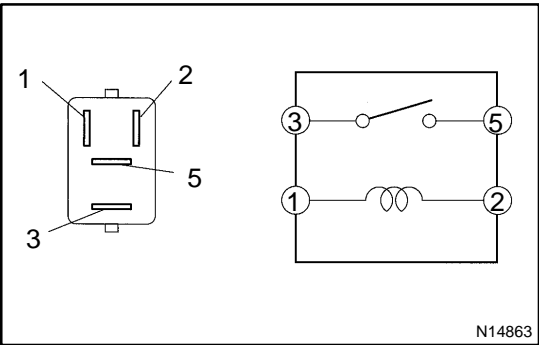
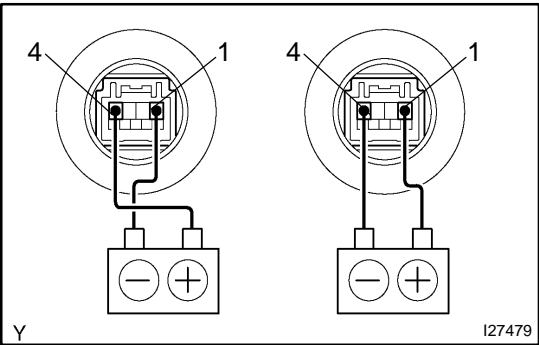
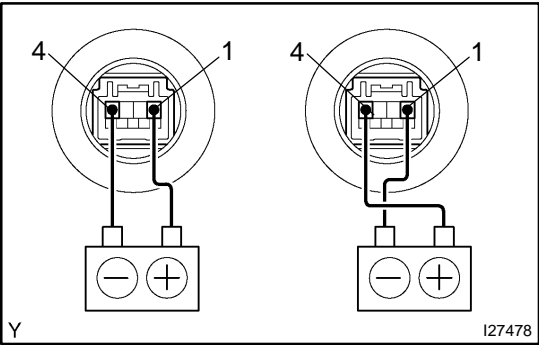
Tester Connection	Condition	Specified Condition
6 – Body ground	Ignition switch OFF or ACC → ON	0 V → 10 to 14 V
8 – Body ground	Limit switch OFF → ON	10 kΩ or higher → Below 1 Ω
9 – Body ground	Constant	Continuity
11 – Body ground	Constant	Continuity
12 – Body ground	Ignition switch OFF or ACC → ON	0 V → 10 to 14 V

If the result is not as specified, there may be a malfunction on the wire harness side or limit switch.

- (b) Reconnect the connector to the relay, and check the connector on the wire harness side, as shown in the table below.

Tester Connection	Condition	Specified Condition
4 – Body ground	<ul style="list-style-type: none"> Ignition switch ON Power back window fully open Limit switch OFF Switch not pressed (OFF) → Pressed (UP) 	0 V → 10 to 14 V
5 – Body ground	<ul style="list-style-type: none"> Ignition switch ON Power back window fully closed Switch not pressed (OFF) → Pressed (DOWN) 	0 V → 10 to 14 V

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



3. CHECK BACK POWER WINDOW MOTOR PTC THERMISTOR OPERATION

- (a) Disconnect the connector from the window motor.
- (b) Connect the positive (+) lead from the ammeter to terminal 1 of the wire harness side connector and the negative (-) lead to the negative terminal of the battery.
- (c) Connect the positive (+) lead from the battery to terminal 2 of the wire harness side connector, and slide the window to the fully closed position.
- (d) Continue to apply voltage and check that the current changes to less than 1 A in 4 to 90 seconds.
- (e) Disconnect the leads from the terminals.
- (f) Approximately 60 seconds later, connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, and check that the window begins to move down.

If operation is not as specified, replace the power back window regulator and motor assembly.

4. 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.

5. INSPECT BACK WINDOW 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.

6. INSPECT WINDOW LIMIT SWITCH CONTINUITY

Switch position	Tester Connection	Specified Condition
Lever pushed	1 – 2	No continuity
Lever released	1 – 2	Continuity

If the continuity is not as specified, replace the power back window regulator and motor assembly.