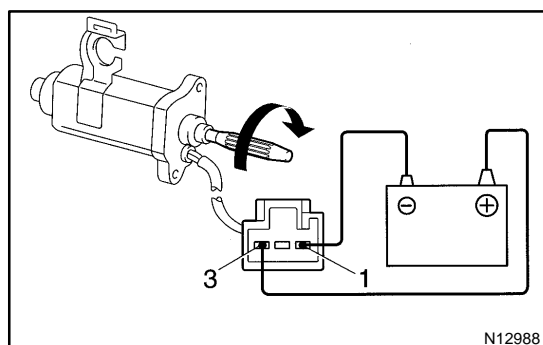


INSPECTION

1. INSPECT SLIDING ROOF SWITCH CONTINUITY

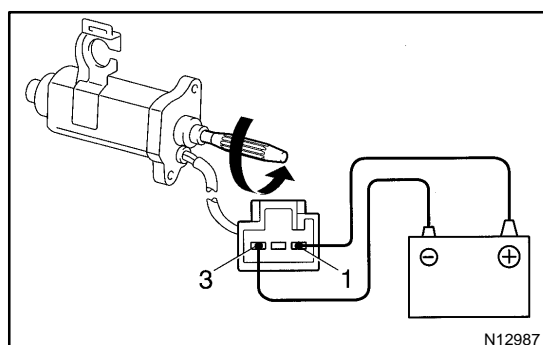
Switch position	Tester connection	Specified condition
SLIDE OPEN	4 - 5	Continuity
SLIDE OFF	-	No continuity
SLIDE CLOSE	2 - 4	Continuity
TILT DOWN	3 - 4	Continuity
TILT OFF	-	No continuity
TILT UP	1 - 4	Continuity

If continuity is not as specified, replace the switch.

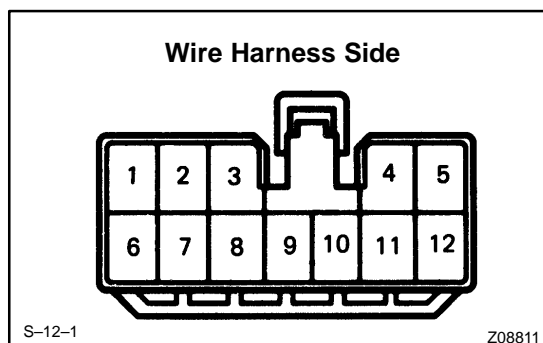


2. INSPECT SLIDING ROOF MOTOR OPERATION

- Disconnect the connector which has 3 terminals and inspect on the clamped connector side.
- Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 3 and check that the motor turns clockwise.



- Connect the positive (+) lead from the battery to terminal 3 and negative (-) lead to terminal 1 and check that the motor turns counterclockwise.
 - Connect the connector.
- If operation is not as specified, replace the motor.



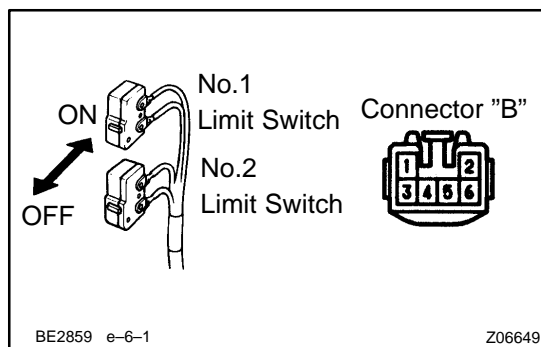
3. INSPECT SLIDING ROOF CONTROL RELAY CIRCUIT

Disconnect the connector from the relay and inspect the connector on the wire harness side, as shown in the chart.

Tester connection	Condition	Specified condition
1 – Ground	Sliding roof control switch (SLIDE) OFF or CLOSE	No continuity
1 – Ground	Sliding roof control switch (SLIDE) OPEN	Continuity
2 – Ground	Sliding roof control switch (SLIDE) OFF or OPEN	No continuity
2 – Ground	Sliding roof control switch (SLIDE) CLOSE	Continuity
3 – Ground	Sliding roof control switch (TILT) OFF or CLOSE	No continuity
3 – Ground	Sliding roof control switch (TILT) UP	Continuity
4 – Ground	Constant	Continuity
4 – 5	Constant	Continuity
5 – Ground	Constant	Continuity
7 – Ground	Sliding roof control switch (TILT) OFF or UP	No continuity
7 – Ground	Sliding roof control switch (TILT) DOWN	Continuity
8 – Ground	No. 1 limit switch OFF (Sliding roof tilted up or open approx. 200 mm (7.87in.))	No continuity
8 – Ground	No. 1 limit switch ON (Except for conditions mentioned above)	Continuity
9 – Ground	No. 2 limit switch OFF (Sliding roof closed)	No continuity
9 – Ground	No. 2 limit switch ON (Sliding roof open)	Continuity
11 – Ground	Constant	Continuity
6 – Ground	Ignition switch LOCK or ACC	* No voltage
6 – Ground	Ignition switch ON	Battery positive voltage
12 – Ground	Constant	Battery positive voltage

*: Exceptions: During 60 second period after ignition switch ON→OFF (ACC) or until driver of passenger door is opened after ignition switch ON→OFF (ACC).

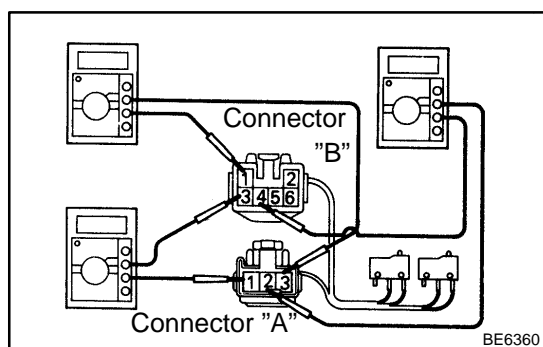
If circuit is as specified, replace the relay.



4. INSPECT SLIDING ROOF LIMIT SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
No.1 limit switch OFF (SW pin released)	–	No continuity
No.1 limit switch ON (SW pin pushed in)	B2 – B5	Continuity
No.2 limit switch OFF (SW pin released)	–	No continuity
No.2 limit switch ON (SW pin pushed in)	B5 – B6	Continuity

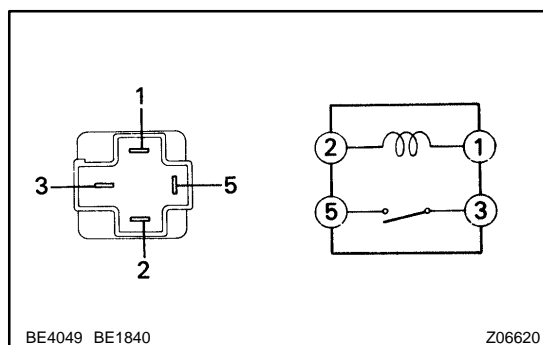
If continuity is not as specified, replace the switch.



5. INSPECT SLIDING ROOF LIMIT SWITCH WIRE CIRCUIT

- Check that there is continuity between terminals A1 and B3.
- Check that there is continuity between terminals A2 and B4.
- Check that there is continuity between terminals A3 and B1.

If continuity is not as specified, replace the switch.



6. INSPECT POWER MAIN RELAY CONTINUITY

Condition	Tester connection	Specified condition
Constant	1 – 2	Continuity
Apply B+ between terminals 1 and 2.	3 – 5	Continuity

If continuity is not as specified, replace the relay.

7. INSPECT POWER MAIN RELAY CIRCUIT (See page [BE-16](#))