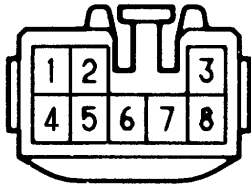


Wire Harness Side



s-8-1

I04046

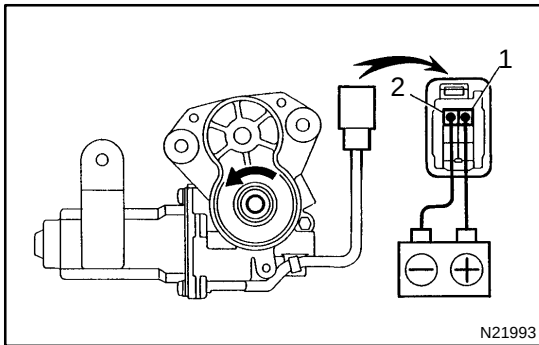
INSPECTION

1. INSPECT SLIDING ROOF CONTROL RELAY AND SWITCH CIRCUIT

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

Tester connection	Condition	Specified condition
1 - 5	Constant	Continuity
2 - Ground	Constant	Continuity
3 - Ground	No.1 limit switch OFF (Sliding roof closed)	No continuity
3 - Ground	No.1 limit switch ON (Sliding roof opened)	Continuity
7 - Ground	No.2 limit switch OFF (Sliding roof tilted up or open approx. 200 mm (7.87 in.))	No continuity
7 - Ground	No.2 limit switch ON (Except for conditions mentioned above)	Continuity
4 - Ground	Ignition switch LOCK or ACC	*No voltage
4 - Ground	Ignition switch ON	Battery positive voltage

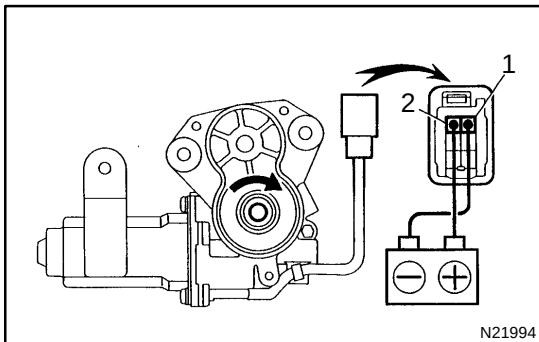
*Exceptions: For 60 seconds after the ignition switch is turned ON to OFF (ACC) or until driver or passenger door is opened after the ignition switch is turned ON to OFF (ACC).
If the circuit is as specified, replace the relay and switch.



N21993

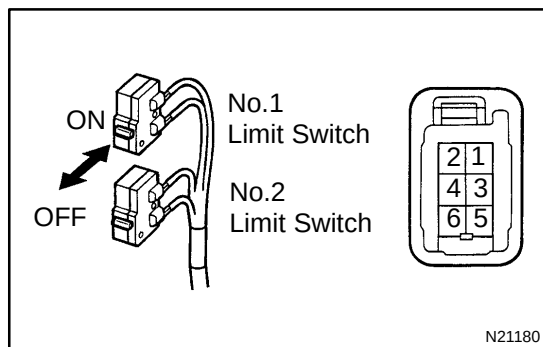
2. INSPECT SLIDING ROOF MOTOR OPERATION

(a) Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, check that the motor turns counterclockwise (for closing and raising operations).



N21994

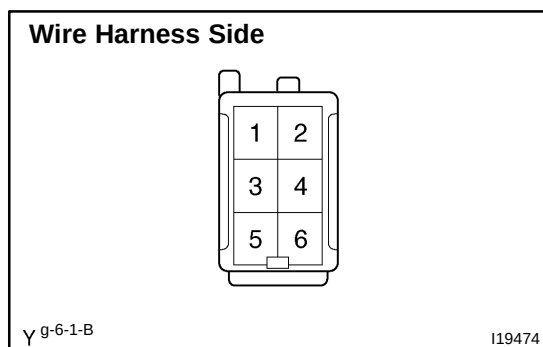
(b) Reverse the polarity, check that the motor turns clockwise. (for opening and lowering operations).
If operation is not as specified, replace the motor.



3. INSPECT SLIDING ROOF LIMIT SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
No.1 limit switch OFF (SW pin released)	4 - 5	No continuity
No.1 limit switch ON (SW pin pushed in)	4 - 5	Continuity
No.2 limit switch OFF (SW pin released)	4 - 6	No continuity
No.2 limit switch ON (SW pin pushed in)	4 - 6	Continuity

If continuity is not as specified, replace the switch.

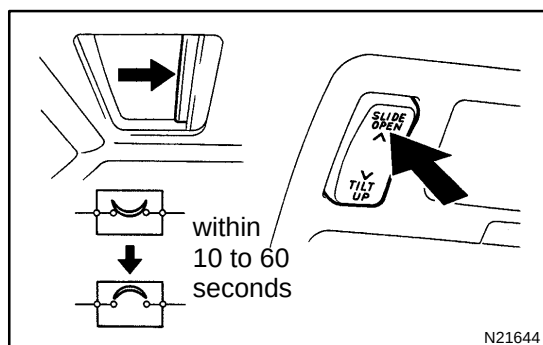


4. INSPECT SLIDING ROOF MOTOR AND LIMIT SWITCH CIRCUIT

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

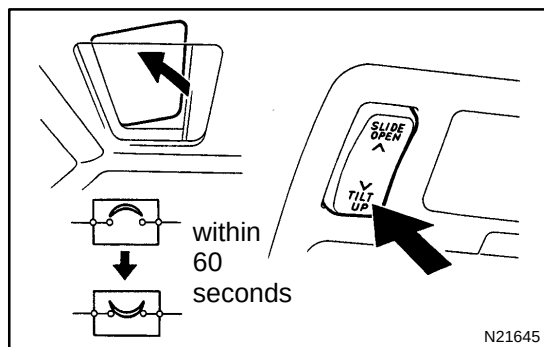
Tester connection	Condition	Specified condition
3 - Ground	Constant	Continuity
4 - Ground	Constant	Continuity

If the circuit is not as specified, inspect the circuits connected to other parts.



5. INSPECT CIRCUIT BREAKER OPERATION

- (a) With the sliding roof in the fully opened position, hold the sliding roof switch in "OPEN" position and check that there is a circuit breaker operation noise within 10 to 60 seconds.



- (b) With the sliding roof in fully opened position, hold the sliding roof switch in "TILT UP" position and check that the sliding roof begins to close within 60 seconds.

If operation is not as specified, replace the motor.

6. INSPECT KEY-OFF SLIDING ROOF OPERATION
(See integration relay circuit on page [DI-628](#))