

ON-VEHICLE INSPECTION

1. CHECK AUTO SLIDE-OPEN / CLOSE FUNCTION

- (a) Check that the slide switch can open the sliding roof as follows:
- (1) Check that the vehicle is under the following conditions:
 - Ignition switch: ON
 - Window lock switch: OFF
 - Sliding roof: Fully closed
 - (2) Press the slide switch for approx. 0.3 seconds and check the following:
The sliding roof starts opening but stops at approx. 45 mm (1.77 in.) from the fully closed position.
 - (3) Press the slide switch again and check that the sliding roof fully opens.
HINT:
The sliding roof stops partway when the slide switch is pressed during AUTO operation.
- (b) Check that the slide switch can close the sliding roof as follows:
- (1) Check that vehicle is under the following conditions:
 - Ignition switch: ON
 - Window lock switch: OFF
 - Sliding roof: Fully open
 - (2) Press the slide switch for approx. 0.3 seconds and check the following:
The sliding roof starts closing but stops at approx. 45 mm (1.77 in.) from the fully open position.
 - (3) Press the slide switch again and check that the sliding roof fully closes.
HINT:
The sliding roof stops partway when the slide switch is pressed during AUTO operation.

2. CHECK AUTO TILT-UP / DOWN FUNCTION

- (a) Check that the tilt switch can raise the sliding roof as follows:
- (1) Check that the vehicle is under the following conditions:
 - Ignition switch: ON
 - Window lock switch: OFF
 - Sliding roof: Fully closed
 - (2) Press the tilt switch for approx. 0.3 seconds and check that the sliding roof fully tilts up.
HINT:
The sliding roof stops partway when the tilt switch is pressed during AUTO operation.

- (b) Check that the tilt switch can lower the sliding roof as followings:
- (1) Check that the vehicle is under the following conditions:
 - Ignition switch: ON
 - Window lock switch: OFF
 - Sliding roof: Fully UP
 - (2) Press the tilt switch for approx. 0.3 seconds and check that the sliding roof fully tilts down (fully closed).
HINT:
The sliding roof stops partway when the tilt switch is pressed during AUTO operation.

3. CHECK OPEN / CLOSE FUNCTION VIA DRIVER SIDE DOOR LOCK KEY CYLINDER

- (a) Check that the key can open the sliding roof as follows when the ignition switch is OFF.
- (1) Insert the key into the driver's door lock key cylinder. Then, turn the key right (UNLOCK position) and hold it there for more than 2.5 seconds. Check that the sliding roof opens.
- (b) Check that the key can close the sliding roof as follows when the ignition switch is OFF.
- (1) Insert the key into the driver's door lock key cylinder, and then turn the key left (LOCK position) and hold it there for more than 2.5 seconds. Check that the sliding roof closes.

4. CHECK SLIDING ROOF OPERATION FUNCTION AFTER IGNITION OFF

- (a) When both of the following conditions are met, check that the door windows and the sliding roof can be operated even after the ignition switch is turned OFF:
- Within 45 seconds after the ignition switch is turned OFF.
 - The driver side door and passenger side door are closed.

5. CHECK THAT SLIDING ROOF OPERATES BY WIRELESS OPERATION

- (a) Check that the sliding roof starts operating when the transmitter UNLOCK switch has been pressed for approximately 2.5 seconds and that it stops operating when the UNLOCK switch is released.

6. CHECK JAM PROTECTION FUNCTION

HINT:

The jam protection function prevents any part of your body from getting caught by accident between the vehicle body and the roof glass during sliding roof operation.

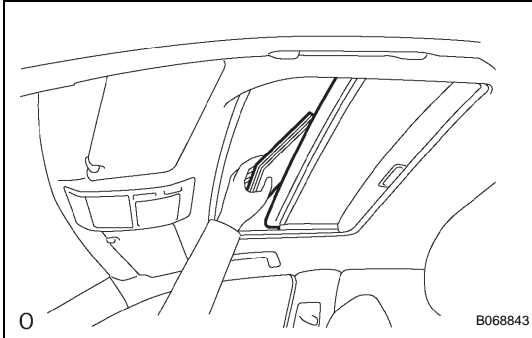
Operative condition:

- AUTO CLOSE
- AUTO CLOSE during sliding roof operation after the ignition switch is turned OFF.

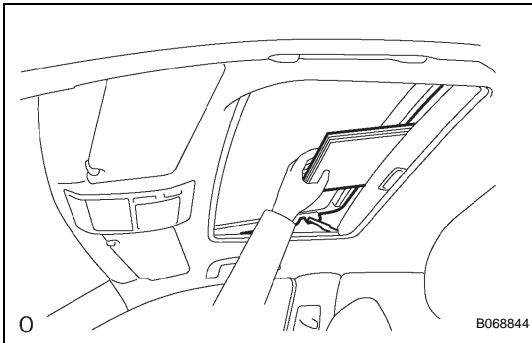
- AUTO TILT-DOWN
- AUTO TILT-DOWN during sliding roof operation after the ignition switch is turned OFF.

CAUTION:

- **Do not check this function using a part of your body such as a hand. Also, pay thorough attention that nothing gets caught by accident in this process.**
- **If checking this function with something thin (less than 5 mm (0.20 in.)) inserted between the glass and vehicle body, this function may not operate.**



- (a) When the slide-OPEN / CLOSE function is operating:
Check that the sliding roof opens by approx. 210 mm (8.27 in.) right when something gets caught between the vehicle body and the sliding roof during sliding roof operation.



- (b) When the tilt-UP / DOWN function is operating:
Check that the sliding roof fully tilts up when something gets caught between the vehicle body and the sliding roof during sliding roof operation.

7. CHECK FAIL-SAFE FUNCTION

- (a) If the sliding roof does not close because the jam protection function operates improperly, perform following operation. Then, you can close the sliding roof using the auto operation function.
- (1) Press the slide control switch toward the front or tilt switch on the rear side and hold it for 10 seconds after the jam protection function operates. Then you can use the auto operation function.