

ON-VEHICLE INSPECTION

1. CHECK TILT & SLIDE-OPEN / CLOSE FUNCTION

(a) Check that the tilt & 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 tilt & slide switch for approx. 0.3 seconds and check that the sliding roof fully opens.

HINT:

The sliding roof stops partway when the tilt & slide switch is pressed during AUTO operation.

(b) Check that the tilt & slide switch can close the sliding roof as follows:

(c) Check that the tilt & 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 open

(2) Press the tilt & slide switch for approx. 0.3 seconds and check that the 1st panel and 2nd panel of the sliding roof fully close.

(3) Press the tilt & slide switch again and hold it. Check that the 3rd panel moves to the fully closed position while the switch is being held down.

HINT:

The 1st panel and 2nd panel of the sliding roof automatically move to the fully closed position by one-press (AUTO operation). However, the 3rd panel moves only while the switch is being held down (manual operation).

2. CHECK 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 follows:
- (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 and hold it. Check that the sliding roof is lowered (tilts down) while the switch is held down.

3. CHECK SLIDING ROOF OPERATION FUNCTION AFTER IGNITION OFF

- (a) When both of the following conditions are met, check that the door window 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.

4. CHECK JAM PROTECTION FUNCTION

HINT:

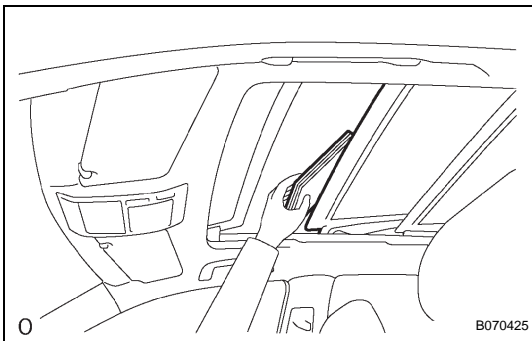
The jam protection function prevents any part of your body from getting caught by accident between the vehicle body and the roof glass during sliding roof operation.

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



5. 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) To normalize the moon roof, push and hold the slide control switch toward the front until the center and rear panels fully close. then push and hold the same switch toward the front for 1 second. Then you can use the auto operation function.