

## ON-VEHICLE INSPECTION

### 1. CHECK AUTO SLIDE-OPEN/CLOSE OPERATION

- (a) Check the AUTO slide-open operation.
  - (1) Turn the ignition switch ON.
  - (2) If the roof glass is not fully closed, slide or tilt it so that it is fully closed.
  - (3) Press the sliding roof OPEN switch for 0.3 seconds or more. The roof glass should automatically slide open and stop slightly before the fully open position.
- (b) Check the AUTO slide-close operation (except Australia specifications).
  - (1) Turn the ignition switch to the ON position.
  - (2) Press the sliding roof CLOSE switch for 0.3 seconds or more. The roof glass should automatically close.
  - (3) If the CLOSE or OPEN switch is pressed while the roof glass is in motion, the roof glass will stop moving.

### 2. CHECK AUTO TILT-UP/DOWN OPERATION

- (a) Check the AUTO tilt-up operation (except Australia specifications).
  - (1) Turn the ignition switch ON.
  - (2) If the roof glass is not fully closed, slide or tilt it so that it is fully closed.
  - (3) Press the sliding roof UP switch for 0.3 seconds or more. The roof glass should automatically tilt upward until it is fully open.
- (b) Check the AUTO tilt-down operation (except Europe and Australia specifications).
  - (1) Turn the ignition switch ON.
  - (2) When the roof glass is fully tilted upward, press the sliding roof DOWN switch for 0.3 seconds or more. The roof glass should automatically tilt downward until it is fully closed.

### 3. CHECK SLIDING ROOF OPERATION AFTER IGNITION SWITCH IS TURNED OFF POSITION

- (a) Check the sliding roof operation function after the ignition switch is turned from the ON to OFF position.
  - (1) Turn the ignition switch from ON to OFF. Sliding roof AUTO operation should be possible. However, opening either of the front doors should disable the AUTO operation
  - (2) Turn the ignition switch from ON to OFF. Wait approximately 45 seconds. The AUTO operation should not be possible
  - (3) Turn the ignition switch from ON to OFF with either of the front doors open. The AUTO operation should immediately stop functioning

### 4. CHECK WIRELESS OPERATION

#### HINT:

The sliding roof's wireless operation can be customized to perform either sliding roof sliding operation or tilting operation.

- (a) Close all the doors. Make sure that no key is inserted into the ignition key cylinder.
- (b) Hold down the transmitter's UNLOCK switch for approximately 3 seconds and make sure that the sliding roof starts to open (sliding operation or tilting operation). Then, release the UNLOCK switch and make sure that the sliding roof stops moving.
- (c) Hold down the transmitter's LOCK switch for approximately 3 seconds and make sure that the sliding roof starts to close (sliding operation or tilting operation). Then, release the LOCK switch and make sure that the sliding roof stops moving (except Europe and Australia specifications).

## 5. CHECK KEY-LINKED OPERATION FUNCTION (DRIVER'S DOOR ONLY)

### HINT:

The sliding roof's key-linked operation can be customized to perform either sliding roof sliding operation or tilting operation.

- (a) Insert the key into the driver's door key lock cylinder, turn the key to the UNLOCK position and hold the key there for approximately 2 seconds. Make sure that the sliding roof starts to open (sliding operation). Then turn the key back to the original position and make sure that the sliding roof stops moving.
- (b) Insert the key into the driver's door key lock cylinder, turn the key to the LOCK position and hold the key there for approximately 2 seconds. Make sure that the sliding roof starts to close (sliding operation or tilting operation). Then, turn the key back to the original position and make sure that the sliding roof stops moving.

## 6. CHECK JAM PROTECTION FUNCTION (EXCEPT AUSTRALIA SPECIFICATION)

### HINT:

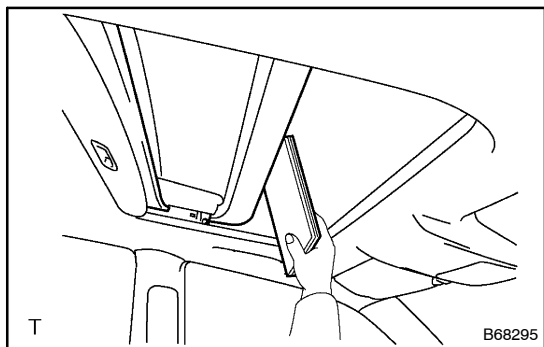
When the sliding roof AUTO operation is being used, the jam protection function prevents objects from being caught between the vehicle body and the roof glass.

### Operative condition:

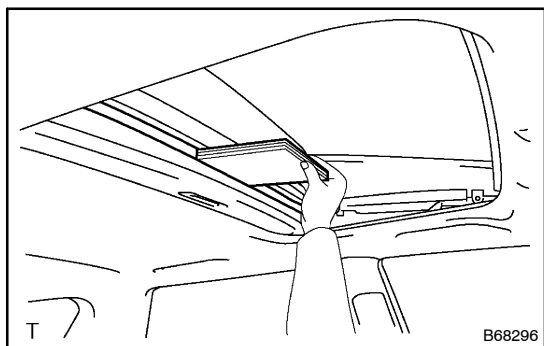
- AUTO CLOSE
- AUTO CLOSE during sliding the roof operation after the ignition switch is turned OFF (except Europe specifications).
- AUTO TILT-DOWN
- AUTO TILT-DOWN during the sliding roof operation after the ignition switch is turned OFF (except Europe specifications).

### CAUTION:

- **Do not use a part of your body, for example your hand, or any object to check the jam protection. Do not allow anything to become caught in the sliding roof by accident in this procedure.**
- **The jam protection function may not operate with an object that is less than 5 mm (0.20 in.) in width.**



- (a) When the sliding roof AUTO operation is being used and an object is caught between the vehicle body and the roof glass, the roof glass should open a distance of 200 mm (7.87 in.) from the point of contact with the object, or open fully if 200 mm (7.87 in.) of opening distance is not available.



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