SLIDING ROOF SYSTEM

740B1–01

ON–VEHICLE INSPECTION

1. INSPECT WINDOW LOCK SWITCH

(a) Check that operation of the door glasses except for the driver side door glass, the back door glass and the roof glass are disabled when the window lock switch of the power window master switch is pressed.

(b) Check that the door glasses, the back door glass and the roof glass can be operated when the window lock switch is pressed again.

2. INSPECT AUTO SLIDE–OPEN/CLOSE FUNCTION

(a) Check that the sliding roof switch can operate the roof glass as follows while the tilt–UP/ DOWN function is not operating:

Condition	Switch	Switch Operation	Roof glass
• Ignition switch ON • Window lock switch OFF	SLIDE OPEN	Pressed for more than 0.3 sec.	Fully open
	TILT UP		Fully closed

HINT:

The roof glass stops partway when the sliding roof switch is pushed on either side during AUTO operation.

3. INSPECT AUTO TILT–UP/DOWN FUNCTION

(a) Check that the sliding roof switch can operate the roof glass as follows while the slide–OPEN/CLOSE function is not operating:

Condition	Switch	Switch Operation	Roof glass
• Ignition switch ON • Window lock switch OFF	TILT UP	Pressed for more than 0.3 sec.	Fully tilted up
	SLIDE OPEN		Fully closed

HINT:

The roof glass stops partway when the sliding roof switch is pushed on either side during AUTO operation.

4. INSPECT SLIDING ROOF OPERATION FUNCTION AFTER IGNITION OFF

(a) Under both of the following conditions, check that the door glasses, the back door glass and the roof glass can be operated even after the ignition switch is turned OFF:
- Within 43 seconds after the ignition switch is turned OFF
- The driver side door is closed

5. INSPECT 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 roof glass 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 [0.2 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 roof glass opens by approximately 200 mm (7.9 in.) right when something gets caught between the vehicle body and the roof glass during roof glass operation.

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

6. INSPECT FAIL–SAFE FUNCTION

(a) If the roof glass is not closed because the jam protection function operates improperly, perform following operation. Then, you can close the roof glass using the manual operation function.

(1) Press the sliding roof switch on TILT–UP side and hold it for 10 seconds after the jam protection function operates. Then you can use the manual operation function.