

When the roof opening panel open switch is pressed and released (one touch operation) the roof opening panel will automatically open and stop at a predetermined position before the fully open position (comfort stop position). Pressing the roof opening panel open switch again for one touch operation (after the initial stop), the roof opening panel will open the full open position. Pressing the roof opening panel close switch for one touch operation will fully close the roof opening panel. The vent position can only be requested when the roof opening panel is in the fully closed position or between fully closed and full vent positions. To open to the full vent position, press and release the vent switch for one touch operation. Manual operation for the roof opening panel vent (between closed and full vent) is similar to the roof opening panel manual open operation.

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - SYSTEM OPERATION AND COMPONENT DESCRIPTION > NO STOP REGION - FRONT SLIDING GLASS PANEL

Manual closing or one touch closing of the roof opening panel cannot be stopped in a small range very close to the fully closed position. This feature is to make sure that the occupant does not leave the roof opening panel in this position because it looks fully closed allowing water intrusion.

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - SYSTEM OPERATION AND COMPONENT DESCRIPTION > BOUNCE BACK - FRONT SLIDING GLASS PANEL AND SHIELD

The roof opening panel has a bounce back feature. If an obstacle has been detected as the roof opening panel is closing, operation will automatically reverse and stop at a predetermined position.

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SECURITY OVERRIDE

To override a bounce back condition (to overcome the resistance of ice on the roof opening panel seal for example), within 2 seconds of a bounce back event, press and hold the roof opening panel close switch. The roof opening panel will operate in manual mode with bounce back detection disabled until the switch is released.

DIAGNOSIS AND TESTING > ROOF OPENING PANEL

The roof opening panel motor must be initialized when repairs are carried out on any part of the roof opening panel system or when the roof opening panel motor, glass, assembly, or air deflector has been removed or replaced for any reason. REFER to: Power Roof Opening Panel Initialization .

Symptom Charts

Symptom Chart: Roof Opening Panel