

Manual closing or one touch closing of the front sliding glass 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 front sliding glass panel in this position because it looks fully closed and may allow water intrusion.

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

The front sliding glass panel and shield has a bounce back feature. If an obstacle has been detected as the front sliding glass panel or shield 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 front sliding glass panel seal for example), within 2 seconds of a bounce back event, press and hold the front sliding glass panel close switch. The front sliding glass panel will operate in manual mode with bounce back detection disabled until the switch is released.

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - SYSTEM OPERATION AND COMPONENT DESCRIPTION > VISTA ROOF PANEL GLASS

The roof opening panel system on this vehicle includes a fixed vista roof panel glass behind the front sliding glass panel. Any time this panel is removed or adjusted the front sliding glass panel will need to be initialized. REFER to: Power Roof Opening Panel Initialization .

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - SYSTEM OPERATION AND COMPONENT DESCRIPTION > K BUS COMMUNICATION

There is a communication circuit (K Bus) between the roof opening panel motor and the shield motor that is only for communication between the motors and not for service diagnostics. If this circuit is opened or shorted the sunroof system will not operate. When the K Bus circuit is repaired, normal system function will return.

DESCRIPTION AND OPERATION > ROOF OPENING PANEL - COMPONENT LOCATION



NOTE: LH side shown in illustration, RH side similar.