

Condition	Possible Sources	Actions
The Shield Does Not Open or Close	Refer to the Pinpoint Test	• GO to Pinpoint Test F

Pinpoint Tests

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 (501-17 Roof Opening Panel, General Procedures).

The Roof Opening Panel Has Excessive Wind Noise

Normal Operation and Fault Conditions

During normal operation the sunroof seals against the roof opening tightly and evenly preventing wind noise. Any failure to seal will cause wind noise.

Possible Causes

- Front trim seal
- Primary seal
- Acoustic seal
- Air deflector

Visual Inspection and Diagnostic Pre-checks

- Roof opening panel seals

PINPOINT TEST A : THE ROOF OPENING PANEL HAS EXCESSIVE WIND NOISE

A1 VERIFY ROOF OPENING PANEL NOISE	
NOTE: It is normal to have some amount of wind noise when the roof opening panel is in the OPEN position. To determine if the wind noise is excessive, road test the vehicle at approximately 100 km/h (62 mph) with the roof opening panel closed, a single rear door window open and all remaining door windows closed while observing the level of wind noise. If the level of wind noise observed with the roof opening panel open (with all door windows closed) is greater than the wind noise observed with a single rear door window open, the wind noise is excessive. • Road test the vehicle with the roof opening panel in the CLOSED, VENT and OPEN positions.	
Is the wind noise present only in the OPEN position?	
Yes	GO to A3
No	GO to A2
A2 CHECK THE ROOF OPENING PANEL GLASS SEALS	
NOTE: When the roof opening panel sliding glass is in the VENT position, make sure that the leading edge of the glass is in contact with the sliding glass primary seal. • Check the roof opening panel front trim seal, primary seal and acoustic seal to make sure they are fitted properly and not damaged	
Are the seals OK?	
Yes	CHECK for other vehicle conditions that could be causing the excessive wind noise. For example, aftermarket windshield wipers, side-view mirrors, HVAC door behind glove compartment, HVAC louvers in instrument panel, or antenna base to trim panel. REPAIR as necessary.
No	INSTALL or REPAIR the roof opening panel seal(s) in question as necessary.