

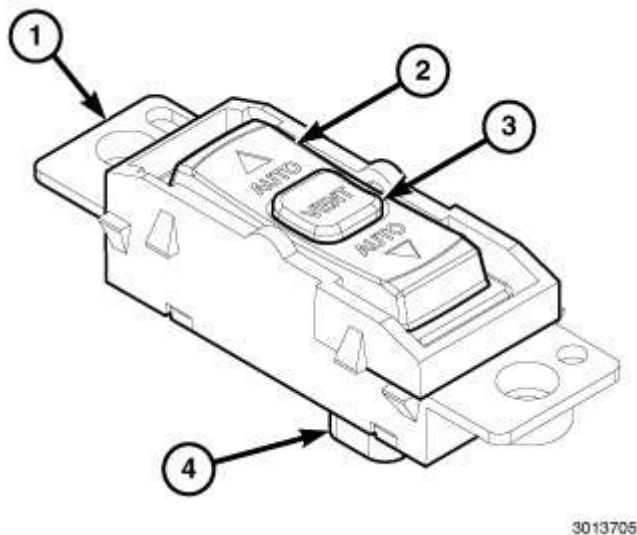
YOUR CURRENT VEHICLE

2018 Chrysler Pacifica

Description & Operation

DESCRIPTION AND OPERATION

DESCRIPTION



Vehicles equipped with a power sunroof have a power sunroof switch (1) mounted in the overhead console located in the headliner just forward of the sunroof opening. The power sunroof switch is a combination rocker (2) and push button (3) switch. The switch rocker and push button are clearly identified by either text or icons indicating their functions. The three functions are from front-to-back: CLOSE, VENT, and OPEN.

The switch housing, the rocker and the push button are all constructed of molded plastic. The switch housing includes two mounting tabs that are used to secure the switch to the overhead console with screws. The housing also includes an integral connector receptacle that connects the switch to the vehicle electrical system through a dedicated take out and connector of the sunroof wire harness.

The power sunroof switch cannot be repaired and, if ineffective or damaged, the entire switch unit must be replaced.

OPERATION

- The power sunroof is hard wired to the electronic module integral to the power sunroof motor.

- The sunroof circuit is protected by a 25 amp cartridge fuse located in the Power Distribution Center (PDC).
- The electronic module provides the switch with a source current whenever the ignition switch is in the ON or ACCESSORY positions.
- When one of the switch push buttons is depressed, it sends a signal back to the electronic module and the electronic module controls the motor to move the sunroof or sunshade panel to the appropriate position.
 - A short duration (less than 800 milliseconds) press of the switch push button is interpreted by the electronic module as an Express command, where the motor will automatically move the glass panel to the fully open, fully closed or the ventilation position.
 - A long duration (greater than 800 milliseconds) press of the push button is interpreted by the electronic module as a manual command, where the motor moves only as long as the push button is held in the depressed position.

During an Express event, any new switch input will immediately stop an in-progress event which, as in the manual mode, allows the customer to stop the sliding glass panel at any desired location.

The power sunroof switch may be diagnosed using conventional diagnostic tools and procedures. Refer to the appropriate wiring information.