

Roof Opening Panel - Overview

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The convertible top system is controlled by a smart electric motor. All functions of the sunroof system are controlled by the sunroof switch located in the overhead console. The switch is serviced as an assembly with the overhead console. One touch operation is accomplished for the and slide by pressing the respective switch for less than 1 second and releasing. The close switch will close the glass from any glass open position including vent. For manual operation, press and hold the switch, and release at the desired position. The roof opening panel shield is mechanical/manual operation only. For more information on the roof opening panel operation,

The roof opening panel motor is hard wired to both the BCM (body control module) and the roof opening panel control switch. The only function of the BCM is to provide battery voltage and accessory delay voltage to the roof opening panel motor. The roof opening panel control switch is hard wired to the roof opening panel motor with a sunroof open circuit, sunroof close circuit and a tilt/vent switch circuit. When the roof opening panel control switches are pressed, a ground signal is sent to the roof opening panel motor to activate the respective switch request.