



STAR ONLINE PUBLICATION



Case Number: S2008000168

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Symptom/Vehicle Issue: Convertible Switch Lamp Flashes When Attempting To Operate The Power Convertible Top, Convertible Top Does Not Operate to Open

Customer Complaint/Technician Observation: Owner complains the convertible top is not operating and the top switch is flashing. Technician observed, the top switch does flash when attempting to operate the convertible top. See below reference chart highlights for the chart and switch information can be found in TSB 23-030-04.

Diagnosis:

Convertible Top Lamp and Audible Signal Chart

Below is a table containing all of the visual and audible signals that can be seen or heard during top operation or if a fault is present.

Visual and Audible Signals	Operation Mode or Fault
Single audible signal is heard	Roof reaches fully open position
	Roof reaches fully closed position
Convertible top switch lamp flashes slowly and a slow audible beep is heard	Decklid open
	Cargo compartment divider not secured in vertical position
	Top latched at windshield header before top cycle complete

	Top unlatched but not pushed up from windshield header
	Vehicle speed greater than 9 mph (15 km/h) while trying to initiate top operation
	Battery voltage less than 10.6 Volts
Convertible top switch lamp flashes quickly and a quick audible beep is heard	Maximum hydraulic pump run-time reached
	Power window motor(s) or rear spoiler inoperative
	Vehicle speed greater than 9 mph (15 km/h) during top operation
	Top operation suspended longer than 10 minutes
Convertible top switch lamp flashes rapidly	General top control module fault

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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TOP WILL NOT OPERATE

1. Start the engine to ensure there is proper battery voltage. Battery voltage must be above 10.6 volts.
2. Check the 25 Amp White Fuse in Cavity 5 in the Under Hood Accessory Fuse Block. If necessary, replace fuse and diagnose the problem. Refer to the service information available on
3. **Proceed as follows:
4. Check to ensure the Spoiler is either fully deployed or retracted. If not and the spoiler switch in the center stack is blinking diagnose and repair the spoiler.
5. With the top all the way up or all the way down, ensure that the trunk switch changes state when the power top switch is actuated.
6. Check the rear cargo compartment divider to ensure it is unfolded and secured in the vertical position. If the divider is in its stowed position, first unfold the panels towards the rear of the vehicle. Pull up on the vertical panel using the center cutout, and hook the pins at the top into the brackets mounted to the cargo compartment trim on each side near the forward edge of the deck lid opening. The pins must be hooked in these brackets in order for the top to operate.
7. Check to ensure the deck lid is closed and latched.
8.
 - A. Check to ensure the top storage compartment cover (tonneau cover) is closed and latched completely and reads the same within the module.
 - B. Check the header switch for opened and closed position changing input.
 - C. Top D handle switch operation can be validated by windows that lower upon turning. Check the status of the header switch with the top closed. The switch should be in closed position. If the switch is in open position, then replace the header latch plate switch not the BCM. An inaccurate switch state could lead to misdiagnosing the BCM as the problem.

NOTE: In addition, the system prohibits lowering the top when ambient temperature is at 32°F (0°C) or lower to keep top components from being damaged. However, the system allows you to raise the top at ambient temperatures as low as -4°F (-20°C). Use the scan tool to make sure any temperature inputs within the vehicles ECU's match the ambient temperature for desired operations.

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