

718 Spyder RS – Convertible Top Warning not fully locked message in Instrument Cluster

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
718 Spyder RS	As of 2024 up to 2025	982890	N/A	718 Spyder RS Roof System

Revision History

Revision	Release Date	Changes
0	August 22, 2025	Original document

Condition

Customer states the instrument cluster displays the message, "Convertible top not fully locked " (Figure 1), or, alternatively, "Convertible top not fully locked | Do not drive on" even though the roof is fully secured in the raised or lowered position according to the instructions in the owner's manual (optional: video instructions).

The message may be intermittent, or may occur without a recent change to the roof position.



Figure 1

Technical Background

The 718 Spyder RS roof system is unique to the 718 Spyder RS. The positions of various roof elements are determined through microswitches monitored by the BCM Rear.

The condition described above may occur if one or more roof system microswitches do not meet the expected conditions. This can be caused by an internal issue with one or more microswitches, a wiring issue in the respective harnesses, or a physical issue with a roof tensioning bracket.

One (1) microswitch [S16] in the overhead console informs the BCM Rear of the convertible top locking hook position. The overhead console microswitch is actuated by the interior roof locking hook. (Figure 2)

S16: WD Sheet 15 "Roof System", "Hood microswitch latch hook in receiver", pins 3 + 4.



Figure 2

Two (2) microswitches [S20 + S22 (Left) & S21 + S23 (Right)] are located in each of the left and right side roof fin tensioners (Figure 3).

One microswitch on each side detects if the convertible top fin 'striker' is engaged into the latch (Figure 4), and the other microswitch on each side detects when the hinged fin tensioners are latched down.

S20 + S22: Wiring Diagram Sheet 15 "Roof System", "Left fin tensioner latch"

S21 + S23: Wiring Diagram Sheet 15 "Roof System", "Right fin tensioner latch"

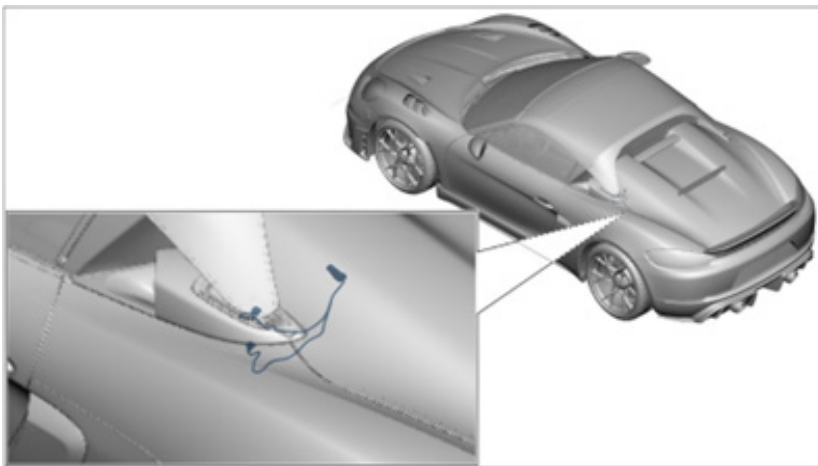


Figure 3



Figure 4

Service Information

To aid diagnosis, note whether the customer observed the warning with the roof closed & locked, or if the warning was observed with the roof open and stowed.

Overhead Console

- Verify the tip of the roof locking hook makes proper contact with the microswitch in the overhead console.
- Verify the switch in the overhead console actuates mechanically and electrically, and that the signal is consistent at the BCM Rear.

Roof Top Fins and Fin Tensioners

- Verify the tip of the convertible top fins (Figure 5) are not damaged and makes proper contact with the microswitches in the tensioners (Figure 6)



Figure 5



Figure 6

- Verify each of the tensioner latches actuate the respective microswitch (Figure 7) mechanically and electrically when the tensioner latch is closed.

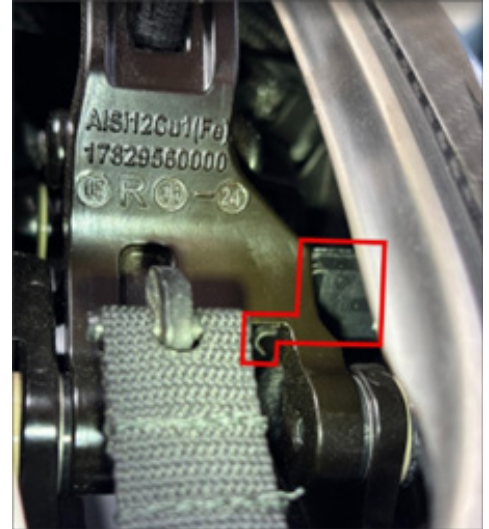


Figure 7

- Check the roof microswitch harness directly near the crowswitches (Figure 8). An extremely tight radius may indicate damaged insulation or broken wiring. Manipulate the wiring to check for an intermittent wiring issue.

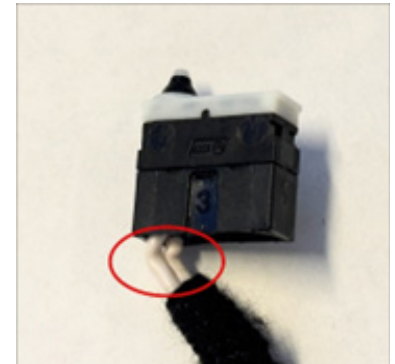


Figure 8

- A DVOM can be used to check the operation of the rear left and right microswitches in parallel (Figure 9). The circuit has continuity when either switch is not actuated.; the circuit is open (OL) when both microswitches are actuated (the convertible top fin is inserted and the fin tensioner is latched down).



Figure 9

Advanced Technical Information

Bulletin #: 2520

Part ID: 6164

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Porsche provides various repair possibilities for the 718 Spyder RS roof system, including separately replaceable convertible top fin tensioner latch harnesses with microswitches. Parts are specific to the Left and Right side of the vehicle due to microswitch mounting lug position. For example, harness fin repair kit part numbers 981.567.947.00 and 981.567.948.00 shown on PET Illustration 811-012, Position 5.

Refer to Workshop Manual 61641941 *"Removing and installing roof microswitch"* for illustrations of the microswitch harnesses and their routing.

Warranty

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
6620...	Requires Review of PCNA Warranty	

PCSS encryption:

Location (FES5)	6620...	Roof assembly
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Search Items

Spyder RS, Convertible, 982

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