

**Complaint - Warning "Engine Too Hot" and/or Coolant Leak in Coolant Pump Area: Checking Vacuum Lines and Valve Block/Change-Over Valve (147/17)**

**Change overview**

Release	Date	Change
0	02/13/2018	▪ First publication
1	06/29/2020	▪ Order types added ▪ TI extended with 992 / 982
2	08/19/2024	▪ Order types added
3	01/17/2025	▪ 982 order types added ▪ Update of Cause ▪ Update of References for 982

Model Line: **718 Boxster/Cayman (982)  
911 (991) / 911 (992)**

Model Year: **As of 2017**

Concerns: **Coolant pump**

Cause: **In the case of the complaint "Coolant pump leaking", there is the possibility that the coolant pump is also leaking into the vacuum area.**

**The warning message "Engine too hot" may also be displayed in the instrument cluster in some cases.**

In the event of a complaint about coolant loss and if the fault diagnosis indicates a leak in the coolant pump, all **vacuum lines for the coolant pump must be checked for traces of coolant.**

**If traces of coolant are found in the vacuum lines:**

⇒ The **affected vacuum lines together with the valve block must be replaced** before doing any other work.

- **If a vacuum line and valve block need to be replaced:**

⇒ Check vacuum lines for traces of coolant.

⇒ If traces of coolant are found, the coolant pump must also be replaced.

PCSS encryption:  
encryption:

<b>Location (FES5)</b>	19500	Coolant pump
<b>Damage type (SA4)</b>	5014	Coolant leaking

References: ⇒ *Workshop Manual '242319 Removing and installing valve block'*

Model Line: **718 Boxster/Cayman (982)**

Concerns: **Coolant pump**

Cause: **In the case of the complaint "Coolant pump leaking", there is the possibility that the coolant pump is also leaking into the vacuum area.**

**The warning message "Engine too hot" may also be displayed in the instrument cluster in some cases.**

In the event of a complaint about coolant loss and if the fault diagnosis indicates a leak in the coolant pump, all **vacuum lines for the coolant pump must be checked for traces of coolant.**

If **traces of coolant are found in the vacuum lines:**

⇒ The **affected vacuum lines together with the change-over valve(s) must be replaced** before doing any other work.

- **If a vacuum line and change-over valve(s) need to be replaced:**

⇒ Check vacuum lines for traces of coolant.

⇒ If traces of coolant are found, the coolant pump must also be replaced.

PCSS encryption:  
encryption:

<b>Location (FES5)</b>	19500	Coolant pump
<b>Damage type (SA4)</b>	5014	Coolant leaking

References: ⇒ *Workshop Manual '197119 Removing and installing change-over valve'*

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2025 Porsche Cars North America, Inc.