

**WPA1 – Reworking Brake Line Threading (Workshop Campaign)**

Revision: This bulletin replaces bulletin Group 4 4/23 WPA1, dated March 17, 2023.

Model Year: **As of 2022**

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

Concerns: **Brake line screw connection between brake calliper and brake hose**

Cause: **On the affected vehicles, the brake line screw connection on the front and rear axles may not have been fully tightened to the prescribed final tightening torque.**

Action: Tighten the brake line screw connections on the front and rear axle to the specified final tightening torque.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

**Required tools**

- Tools:
- Torque spanner, 6 – 50 Nm (4.5 – 37 ftlb.), e.g. **VAG 1331A torque spanner, 6-50 Nm (4.5-37 ftlb.)**
  - Torque spanner, 150 – 800 Nm (111 – 592 ftlb.), e.g. **VAG 1601 torque spanner, 150 - 800 Nm (111 - 592 ftlb.)**

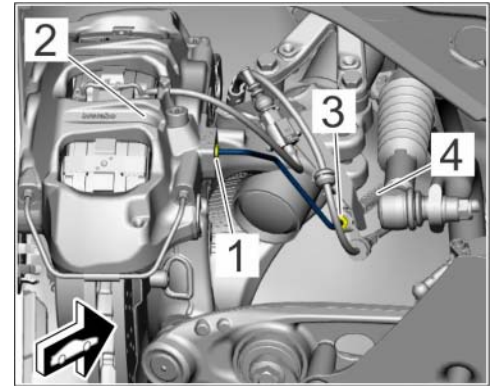
**Additional** required tool for **vehicles with central wheel bolts (I-no. 1PJ):**

- **9796 - Socket spanner** for central wheel bolt
- **9794 - Assembly aid** for central wheel bolt

**Reworking brake line threading**

- Work Procedure: 1 Move the vehicle onto a lifting platform and raise it. ⇒ *Workshop Manual '4X00IN01 Raising the vehicle'*.
- 2 Remove wheels.  
 ⇒ *Workshop Manual '440519 Removing and installing wheel'*.  
 ⇒ *Workshop Manual '440519 Remove and install wheel with central bolt'*.

- 3 Tighten screw connections of the brake lines ⇒ *Brake line screw connection -1-* and ⇒ *Brake line screw connection -3-* on the front and rear axles at left and right with **Tightening torque 13 Nm**.
- 4 Install wheels.  
⇒ *Workshop Manual '440519 Removing and installing wheel'*.  
⇒ *Workshop Manual '440519 Remove and install wheel with central bolt'*.
- 5 Lower the vehicle and remove it from the lifting platform.
- 6 Enter the campaign in the Warranty and Maintenance booklet.



*Brake line screw connection*

## Warranty processing



### Information

The specified labor times were determined specifically for carrying out this campaign and include all necessary preliminary and subsequent rework. The labor time may differ from the working times published in the Labor Operation List in the PCSS.

Scope 1:

### Reworking brake line threading

- For vehicles with standard wheel bolts (**M-no. 1PA**) or wheel bolts with anti-theft protection (**M-no. 1PD**)

#### Labor time:

Reworking brake line threading

Labor time: **85 TU**

Includes: Removing and installing wheels

⇒ **Damage code WPA1 066 000 1**

Scope 2: **Reworking brake line threading**

- For vehicles with central wheel bolts (M-no. 1PJ)

**Labor time:**

Reworking brake line threading

Labor time: **129 TU**

Includes: Removing and installing wheels

⇒ **Damage code WPA1 066 000 1**

**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.

© 2023 Porsche Cars North America, Inc.