

WNQ4 - Reworking Rear Lid Hinges (Workshop Campaign)

Model Line: **718 Boxster (982)**
718 Spyder (982)

Model Year: **As of 2017 up to 2021**

Concerns: **Rear lid hinges**

Cause: **There is a possibility that no paint has been applied to the edges of the rear lid hinges on the affected vehicles.**

If this is the case, corrosion can occur at the contact surfaces of the rear lid hinges to the inner side section, depending on weather conditions over the service life.

Action required: Check rear lid hinges and rework depending on the test result.

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

Required materials

Required Materials:	Part No.	Designation	Quantity
	V04015001AG	⇒ Cavity preservative	400 ml/ 13.52 fl oz cartridge (approx. 40 ml/ 1.35 fl oz required per vehicle)



Information

Use-by date and storage of corrosion protection wax (cavity preservative).

- After opening corrosion protection wax, store it in a dark, dry place at temperatures of +10° to +30°.
- Corrosion protection wax has a shelf life of approx. 12 months after opening, depending on air and lighting conditions.
- Write the opening date on the can.
- After opening the can, corrosion protection wax can change over time (e.g. color change or skin formation). To prevent skin formation, seal the can tightly after use and stir the wax frequently.

- If a can of wax that has already been opened and is still good to use is used at a later time for further vehicles and a skin has formed on the surface in the interim period, remove this using a paintbrush or spatula.
- The service employee is responsible for marking the use-by date after opening and recording the number of times the corrosion protection wax has been used.
- If the use-by date shown on an open can is exceeded, dispose of the entire can and use a new can.
- Always observe safety and processing instructions for corrosion protection wax.

**Expendable
Items:**

- Clean, lint-free cloth
- Cleaning agent (e.g. isopropanol)
- Disposable gloves
- Brush (8 mm / 0.3 in wide)

For warranty processing, the **Part No. WNQ40000001** with the designation "Consumable material" can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

**Consumable
material
(painting):**

Additional material required for **painting** the lid hinges and contact surfaces (**Scope 2-5**):

- Paintwork in vehicle color*

* For warranty processing, enter the **Part No. WNQ40000002** with the 'Consumable material' designation as an **additional part** in the warranty claim.

This includes all materials used for the entire area for the respective labor operation (including masking materials, sanding materials and cleaning agents as well as paintwork in vehicle color).

Required tools

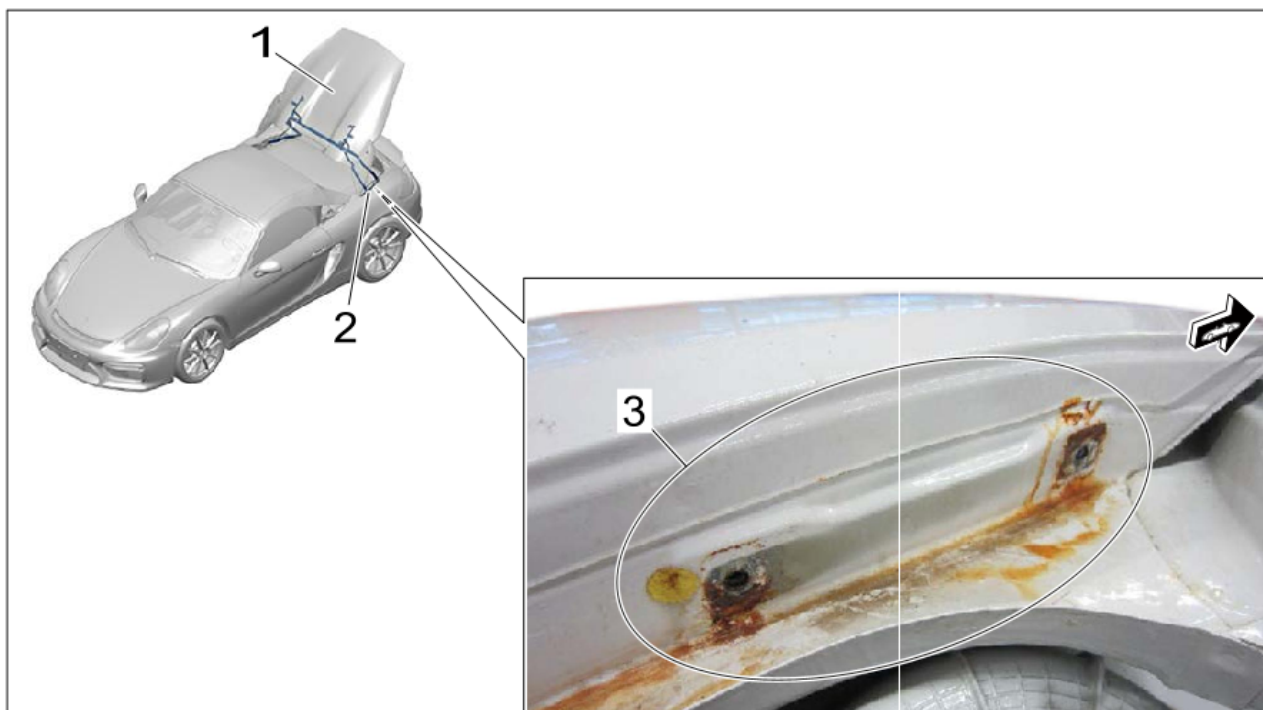
- Tool:
- **V.A.G 1331A - Torque wrench 6-50 Nm (4.5-37 ftlb.)**
 - **VAS 6937 - Adjusting gauge**

Check rear lid hinges and side sections for corrosion**Information**

The procedure described here must be carried out **on both rear lid hinges**.

The figures show the work to be carried out on the **left** side of the vehicle in direction of travel. The work on the right side of the vehicle must be carried out in the same way.

Work Procedure: 1 Open rear lid ⇒ *Corrosion on rear lid hinges -1-* and set rear lid hinges ⇒ *Corrosion on rear lid hinges -2-* and contact surfaces ⇒ *Corrosion on rear lid hinges -3-* check for 'blooms' or corrosion.



Corrosion on rear lid hinges

Assessment	Action
No 'blooms' or corrosion visible.	<p>Wax hinges and contact surfaces grow</p> <p>Continue with ⇒ <i>Technical Information 'rear lid hinges and growing contact surfaces'</i>. [Scope 1]</p>
"Blooming" or corrosion is visible.	<p>Removing and painting rear lid hinges and rear contact surfaces</p> <p>Continue with ⇒ <i>Technical Information 'removing and painting rear lid hinges and rear contact surfaces'</i>.¹ [Scope 2, 3, 4, or 5]</p>

¹ Perform photo documentation and upload the pictures to the PCCS quality line with the relevant **description** on the affected side, e.g. **lid hinge rear_left_VIN_Figure 1**.

Rework rear lid hinges and side sections



Information

If only one rear cover hinge or its contact surface is affected by corrosion, only this side must be treated. However, if both rear lid hinges are corroded, repairs must be carried out on both sides.



Information

Porsche dealers that hand the vehicle over to an external service provider in order to carry out the work required for painting the vehicle, the preliminary work must be carried out at the Porsche dealer on their own.

- Work Procedure:
- 1 Remove rear lid hinge. ⇒ *Workshop Manual '55911931 Removing and installing lid hinge rear'*
 - 2 Remove corrosion and paint lid hinge including the side section contact surface in accordance with the specifications in the "**Paint Manual**" on surface painting, paint finish stage 1 (see PCCS Vehicle Information). ⇒ *Handbuch Lack Re-paint.*
 - 3 Install rear lid hinge. ⇒ *Workshop Manual '55911931 Removing and installing lid hinge rear'*
 - 4 Adjusting rear lid. ⇒ *Workshop Manual '559015 Adjusting rear lid'*

Continue with ⇒ *Technical Information '559015 rear lid hinges and growing contact surfaces'*

Waxing rear lid hinges and side sections



Information

The rear lid hinges and contact surfaces must **always** be waxed on both sides as part of the campaign.

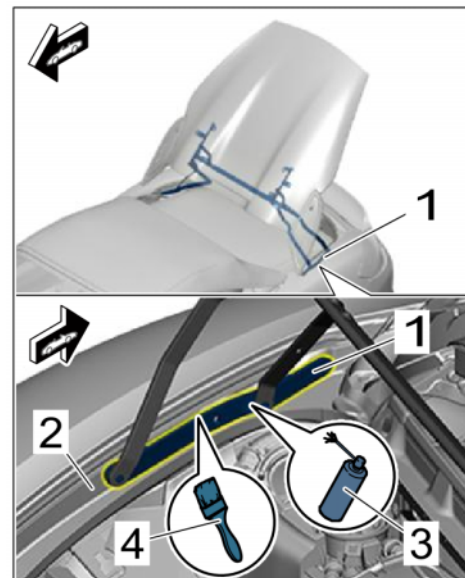
Work Procedure: 1 Wax rear lid hinges ⇒ *Waxing rear lid hinges -1-*.

1.1 Clean rear lid hinges ⇒ *Waxing rear lid hinges -1-* together with contact surfaces ⇒ *Waxing rear lid hinges -2-* using isopropanol.

1.2 Spray outer rear lid hinges ⇒ *Waxing rear lid hinges -1-* on contact surfaces ⇒ *Waxing rear lid hinges -2-* with corrosion protection wax (cavity preservative) ⇒ *Waxing rear lid hinges -3-*.

1.3 Carefully coat the edges between the rear lid hinges ⇒ *Waxing rear lid hinges -3-* and contact surfaces ⇒ *Waxing rear lid hinges -4-* with corrosion protection wax (cavity preservative) ⇒ *Waxing rear lid hinges -1-* using a brush ⇒ *Waxing rear lid hinges -2-*.

1.4 Remove excess corrosion protection wax (cavity preservative) ⇒ *Waxing rear lid hinges -3-* using commercially available cloth.



Waxing rear lid hinges

2 Close the rear lid.

3 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing



Information

The indicated labor times were determined specifically for carrying out this campaign and may differ from the labor times published in the Labor Operation List in the PCSS.



Information

Visual inspection and waxing of the rear lid hinges must always be carried out by a Porsche dealer.

- Porsche dealers that carry out **this campaign fully** must submit an invoice for **Scope 1, 2 or 3**.
- Porsche dealers that hand the required **painting jobs** over to an **external service provider** must submit an invoice for **Scope 4 or 5**. In this case, please document a copy of the invoice in PQIS.

Scope 1: **Checking and waxing rear lid hinges**

- The campaign was **fully** carried out by the **Porsche dealer**
- The **rear lid hinges and contact surfaces** do **not** have to be removed and repainted.

Labor time:

Checking and waxing rear lid hinges

Labor time: **26 TU**Includes: Checking rear lid hinges
Waxing rear lid hinges**Materials required:**

V04015001AG Cavity preservative 0.1 pc(s)

WNQ40000001 Expendable items 1 pc(s)*

*For warranty processing, the **Part No. WNQ40000001** with the 'Consumable material' designation can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

⇒ **Damage code WNQ4 066 000 1**

Scope 2:

Checking, repainting and waxing rear lid hinges

- The campaign was **fully** carried out by the **Porsche dealer**
- Only a **rear lid hinge and contact surface** must be repainted.

Labor time:

Checking, repainting and waxing rear lid hinges

Labor time: **249 TU**Includes: Checking rear lid hinges
Removing and installing rear lid hinge at the left or right
Repainting rear lid hinge at the right or left
Repainting contact surface for right or left side section
Waxing rear lid hinges**Materials required:**

V04015001AG Cavity preservative 0.1 pc(s)

WNQ40000001 Expendable items 1 pc(s)*

WNQ40000002 Consumable material (painting) 1 pc(s)**

*For warranty processing, the **Part No. WNQ40000001** with the 'Consumable material' designation can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

For warranty processing, the Part No. **WNQ40000002 with the designation "Consumable material (coating)" can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 31.50.

⇒ **Damage code WNQ4 066 000 1**

Scope 3: **Checking, repainting and waxing rear lid hinges**

- The campaign was **fully** carried out by the **Porsche dealer**
- **Both rear lid hinges and contact surfaces** must be repainted.

Labor time:

Checking, repainting and waxing rear lid hinges Labor time: **324 TU**

Includes: Checking rear lid hinges
 Removing and installing rear lid hinge at the right and left
 Repainting rear lid hinge at the right and left.
 Repainting contact surface for right an left side section
 Waxing rear lid hinges

Materials required:

V04015001AG	Cavity preservative	0.1 pc(s)
WNQ40000001	Expendable items	1 pc(s)*
WNQ40000002	Consumable material (painting)	1 pc(s)**

*For warranty processing, the **Part No. WNQ40000001** with the 'Consumable material' designation can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

For warranty processing, the Part No. **WNQ40000002 with the designation "Consumable material (coating)" can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 63.00.

⇒ **Damage code WNQ4 066 000 1**

Scope 4: **Checking, repainting and waxing rear lid hinges**

- The **painting** was performed by an **external service provider**
- Only **a rear lid hinge and contact surface** must be repainted.

Labor time:

Checking, repainting and waxing rear lid hinges Labor time: **49 TU**

Includes: Checking rear lid hinges
 Removing and installing rear lid hinge at the left or right
 Repainting rear lid hinge at the right or left
 Repainting contact surface for right or left side section
 Waxing rear lid hinges

Materials required:

V04015001AG	Cavity preservative	0.1 pc(s)
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WNQ40000001	Expendable items	1 pc(s)*
WNQ40000002	Consumable material (painting)	1 pc(s)**

Outsourced labor:

Painting rear lid hinge and contact surface***

Outsourced labor
time: **max. 200**
TUs***

*For warranty processing, the **Part No. WNQ40000001** with the 'Consumable material' designation can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

For warranty processing, the Part No. **WNQ40000002 with the designation "Consumable material (coating)" can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 42.00.

*** The maximum amount that will be paid as sublet labor time is the amount corresponding to the specified labor time based on the individual charging rate under warranty of the respective Porsche dealer. Please include a copy of the invoice for external services with the warranty claim.

⇒ **Damage code WNQ4 066 000 1**

Scope 5:

Checking, repainting and waxing rear lid hinges

- The **painting** was performed by an **external service provider**
- **Both rear lid hinges and contact surfaces** must be repainted.

Labor time:

Checking, repainting and waxing rear lid hinges

Labor time: **54 TU**

Includes: Checking rear lid hinges
 Removing and installing rear lid hinge at the right and left
 Repainting rear lid hinge at the right and left.
 Repainting contact surface for right an left side section
 Waxing rear lid hinges

Materials required:

V04015001AG	Cavity preservative	0.1 pc(s)
WNQ40000001	Expendable items	1 pc(s)*
WNQ40000002	Consumable material (painting)	1 pc(s)**

Outsourced labor:

Painting rear lid hinge and contact surface***

Outsourced labor
time: **max. 270**
TU***

*For warranty processing, the **Part No. WNQ40000001** with the 'Consumable material' designation can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 2.10.

For warranty processing, the Part No. **WNQ40000002 with the designation "Consumable material (coating)" can be invoiced as an **additional part** in the warranty claim. Maximum amount \$ 84.00.

*** The maximum amount that will be paid as sublet labor time is the amount corresponding to the specified labor time based on the individual charging rate under warranty of the respective Porsche dealer. Please include a copy of the invoice for external services with the warranty claim.

⇒ **Damage code WNQ4 066 000 1**

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