

WKG4 - Replace PCCB Brake Disc Covers and Air Guides (Workshop Campaign)

Revision: This bulletin replaces bulletin Group 4, 167/19 WKG4 dated June 19, 2020.

Model Year: **2020**

Model Line: **911 (992)**

Equipment: Porsche Ceramic Composite Brake PCCB (**I-no. 1LQ**)

Subject: **PCCB brake disc covers and air guides on the rear axle**

Information: **The braking power of the PCCB braking system may not meet the driver's expectations in the case of wet brake discs on the rear axle on the affected vehicles. This may be the case, for example, during long journeys in rainy weather conditions.** In this case, the customer must apply a higher brake pressure for a short time in order to achieve the usual braking response.

Remedial Action: Replace the cover plates and brake air guides on the rear axle brake system with optimized versions to improve wet braking behavior.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). This campaign affects 24 vehicles in North America.

Parts required

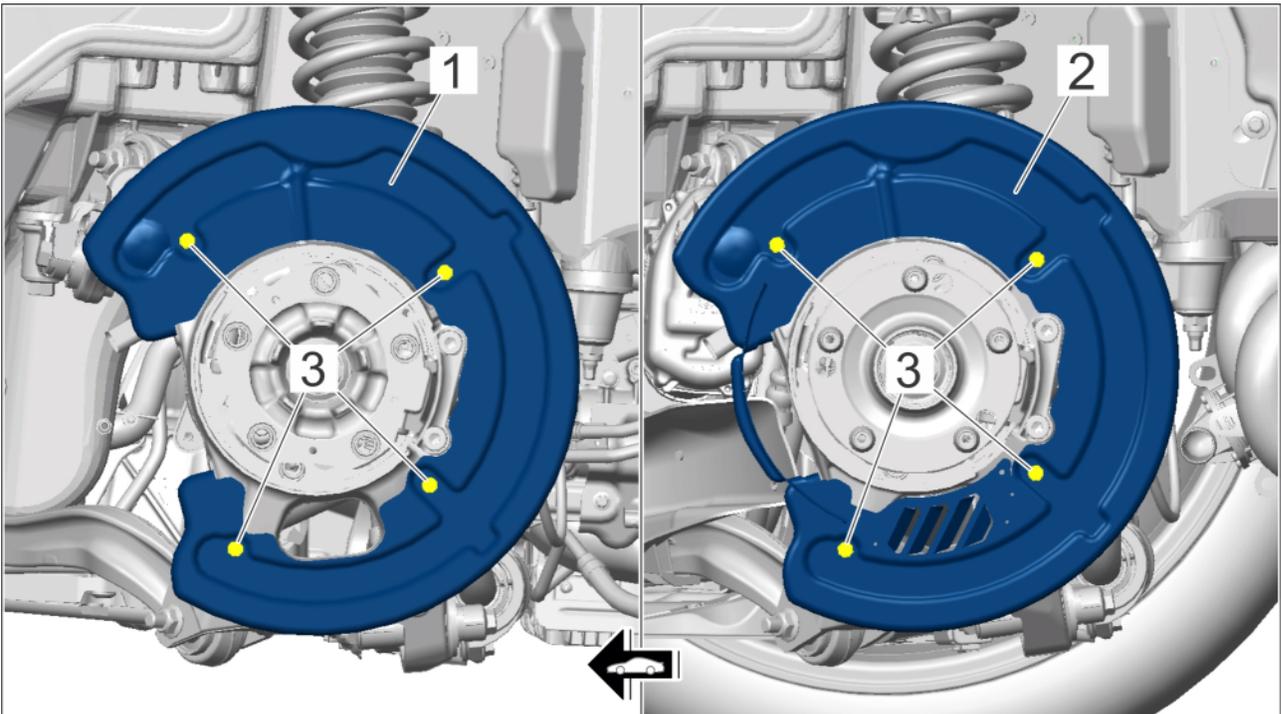
| Parts Info: | Part No. | Designation | Qty. |
|-------------|------------|-------------------------------------|-------|
| | 992615611F | ⇒ Left cover plate | 1 ea. |
| | 992615612F | ⇒ Right cover plate | 1 ea. |
| | 9P1615457H | ⇒ Left spoiler | 1 ea. |
| | 9P1615458H | ⇒ Right spoiler | 1 ea. |
| | N 10456004 | ⇒ Countersunk screw, M6 x 16 | 4 ea. |
| | N 91183701 | ⇒ Cheese head bolt, M12 x 1.5 x 115 | 4 ea. |

Required tools

- Tools:
- Torque wrench, 6–50 Nm (4.5–37 ftlb.), e.g. **VAG 1331A Torque wrench, 6-50 Nm (4.5-37 ftlb.)**
 - Torque wrench, 40–200 Nm (30–148 ftlb.), e.g. **VAG 1332A Torque wrench, 40-200 Nm (30-148 ftlb.)**

Replacing PCCB brake disc covers and air guides

- Work Procedure: 1 Remove wheels on the rear axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 2 Remove left and right PCCB brake discs ⇒ *Workshop Manual '465319 Removing and installing rear brake disc - section on "Removing"*.
- 3 Replace the left and right cover plates.



Cover for PCCB brake disc - old / new

- 3.1 Remove installed cover plate ⇒ *Cover for PCCB brake disc - old / new-1-*. Remove fastening screws ⇒ *Cover for PCCB brake disc - old / new-3-* and remove cover plate ⇒ *Cover for PCCB brake disc - old / new-1-* for this purpose.
- 3.2 Install new cover plate ⇒ *Cover for PCCB brake disc - old / new-2-*. Fit screws ⇒ *Cover for PCCB brake disc - old / new-3-* and tighten in diagonally opposite sequence.
Tightening torque 10 Nm (7.5 ftlb.)

| Part No. | Designation | Qty. |
|------------|-------------------|-------|
| 992615611F | Left cover plate | 1 ea. |
| 992615612F | Right cover plate | 1 ea. |

- 4 Install left and right PCCB brake discs ⇒ *Workshop Manual '465319 Removing and installing rear brake disc - section on "Installing"*.

Note: replace centering screws N 10456004 to tightening torque 5 NM as instructed.

- 5 Remove the left and right PCCB brake disc air guides and install new air guides ⇒ *Workshop Manual '461619 Removing and installing PCCB brake disc air guide (rear)'*

| Part No. | Designation | Qty. |
|------------|---------------|-------|
| 9P1615457H | Left spoiler | 1 ea. |
| 9P1615458H | Right spoiler | 1 ea. |

- 6 Install wheels on the rear axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 7 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope 1:

| | | |
|---|--|---------------------------|
| Working time: | | |
| Replacing covers on PCCB brake disc and air guides on the rear axle | | Labor time: 172 TU |
| Includes: | Removing and installing rear wheels Removing and installing brake discs | |
| Parts required: | | |
| 992615611F | Left cover plate | 1 ea. |
| 992615612F | Right cover plate | 1 ea. |
| 9P1615457H | Left spoiler | 1 ea. |
| 9P1615458H | Right spoiler | 1 ea. |
| N 10456004 | Countersunk screw, M6 x 12 | 4 ea. |
| N 91183701 | Cheese head bolt, M12 x 1.5 x 115 | 4 ea. |
| ⇒ Damage Code WKG4 066 000 2 | | |

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