

**WLG1 - Replacing Brake Discs and Brake Pads on the Front and Rear Axle (Workshop Campaign)**

Vehicle Type: **911 Carrera 4S (992)**  
**911 Carrera S (992)**  
**718 Spyder (982)**

Model Year: **2020**

Subject: **Brake discs and brake pads**

Information: **Due to a production error, the left/right brake discs on one axle were interchanged on the affected vehicles or the wrong brake discs were installed.**

As a result, increased brake wear can occur due to high loading of the brake system, e.g. as occurs under race track use.

Remedial Action: Replace brake discs and brake pads on each affected axle.



**Information**

Depending on the required scope of work, each vehicle is clearly assigned to **one** campaign scope. Before carrying out the campaign, it must therefore be checked which scope is assigned to the relevant vehicle.

To find out which scope is assigned to the vehicle, see PCSS Vehicle Information.

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

**Parts required**

Parts Info: **Vehicles with Scope 1:**

- 911 Carrera 4S (992) front axle – Porsche Ceramic Composite Brake (PCCB)

| Part No.   | Designation<br>– Location     | Qty.  |
|------------|-------------------------------|-------|
| 9P1615301H | ⇒ Brake disc<br>– front left  | 1 ea. |
| 9P1615302H | ⇒ Brake disc<br>– front right | 1 ea. |

|            |  |       |
|------------|--|-------|
| N 10456004 | ⇒ Internal hexagon round countersunk screw<br>– brake disc | 2 ea. |
| 992698075C | ⇒ 1 set of brake pads for disc brakes<br>– brake calliper  | 2 ea. |
| WHT008186  | ⇒ Cheese head bolt<br>– brake calliper                     | 4 ea. |
| 9P1698995  | ⇒ 1 set of springs<br>– brake calliper                     | 2 ea. |

**Vehicles with Scope 2:**

- 911 Carrera 4S (992) rear axle – Porsche Ceramic Composite Brake (PCCB)

| <b>Part No.</b> | <b>Designation<br/>– Location</b>                          | <b>Qty.</b> |
|-----------------|--|-------------|
| 9P1615601D      | ⇒ Brake disc<br>– rear left                                | 1 ea.       |
| 9P1615602D      | ⇒ Brake disc<br>– rear right                               | 1 ea.       |
| N 10456004      | ⇒ Internal hexagon round countersunk screw<br>– brake disc | 2 ea.       |
| 992698093B      | ⇒ 1 set of brake pads for disc brakes<br>– brake calliper  | 2 ea.       |
| N 91183701      | ⇒ Cheese head bolt<br>– brake calliper                     | 4 ea.       |
| 971698995B      | ⇒ Expanding spring<br>– brake calliper                     | 2 ea.       |

**Vehicles with Scope 3:**

- 911 Carrera S and 911 Carrera 4S (992) rear axle – standard brake system

| <b>Part No.</b> | <b>Designation<br/>– Location</b> | <b>Qty.</b> |
|-----------------|-----------------------------------|-------------|
| 992615601A      | ⇒ Brake disc<br>– rear left       | 1 ea.       |
| 992615602A      | ⇒ Brake disc<br>– rear right      | 1 ea.       |

|            |  |       |
|------------|--|-------|
| N 10456004 | ⇒ Internal hexagon round countersunk screw<br>– brake disc | 2 ea. |
| 992698093  | ⇒ 1 set of brake pads for disc brakes<br>– brake calliper  | 2 ea. |
| PAF007586  | ⇒ Cheese head bolt<br>– brake calliper                     | 4 ea. |
| 971698995  | ⇒ Expanding spring<br>– brake calliper                     | 2 ea. |

**Vehicles with Scope 4:**

- 718 Spyder (982) front axle – standard brake system

| <b>Part No.</b> | <b>Designation<br/>– Location</b>                          | <b>Qty.</b> |
|-----------------|--|-------------|
| 98135140581     | ⇒ Brake disc<br>– front left                               | 1 ea.       |
| 98135140681     | ⇒ Brake disc<br>– front right                              | 1 ea.       |
| N 10456004      | ⇒ Internal hexagon round countersunk screw<br>– brake disc | 2 ea.       |
| 99135194783     | ⇒ 1 set of brake pads for disc brakes<br>– brake calliper  | 2 ea.       |
| WHT008186       | ⇒ Cheese head bolt<br>– brake calliper                     | 4 ea.       |
| 97035195901     | ⇒ Spring repair kit<br>– brake calliper                    | 2 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 1332 Torque wrench, 40-200 Nm (30-148 ftlb.)**
  - Assembly pin **T10439 - Assembly pin**
  - Piston reset tool **T10145 - Piston reset tool**

## Replacing brake discs and brake pads

- Procedure:
- 1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN01 Lifting the vehicle'*.
  - 2 **Vehicles with Scope 1:** Replace brake discs and brake pads on the front axle.
    - 2.1 Remove front wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
    - 2.2 Loosen front brake callipers and replace PCCB brake pads ⇒ *Workshop Manual '463456 Replacing front PCCB brake pads'*.
    - 2.3 Replace front brake discs ⇒ *Workshop Manual '465019 Removing and installing front brake disc'*.
    - 2.4 Install front wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 3 **Vehicles with Scope 2:** Replace brake discs and brake pads on the rear axle.
    - 3.1 Remove rear wheels ⇒ *Workshop Manual '440519 Removing and reinstalling wheel'*.
    - 3.2 Loosen rear brake callipers and replace PCCB brake pads ⇒ *Workshop Manual '463556 Replacing rear PCCB brake pads'*.
    - 3.3 Replace rear brake discs ⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*.
    - 3.4 Install rear wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 4 **Vehicles with Scope 3:** Replace brake discs and brake pads on the rear axle.
    - 4.1 Remove rear wheels ⇒ *Workshop Manual '440519 Removing and reinstalling wheel'*.
    - 4.2 Loosen rear brake callipers and replace disc brake pads ⇒ *Workshop Manual '463856 Replacing rear disc brake pads'*.
    - 4.3 Replace rear brake discs ⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*.
    - 4.4 Install rear wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 5 **Vehicles with Scope 4:** Replace brake discs and brake pads on the front axle.
    - 5.1 Remove front wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
    - 5.2 Loosen front brake callipers and replace disc brake pads ⇒ *Workshop Manual '463656 Replacing front disc brake pads'*.
    - 5.3 Replace front brake discs ⇒ *Workshop Manual '465019 Removing and installing front brake disc'*.
    - 5.4 Install front wheels ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 6 Remove vehicle from the lifting platform ⇒ *Workshop Manual '4X00IN01 Lifting the vehicle'*.
  - 7 Enter the campaign in the Warranty and Maintenance booklet.

**Warranty processing**

Scope 1: **Replacing brake discs and brake pads**

- 911 Carrera 4S (992) front axle – Porsche Ceramic Composite Brake (PCCB)

**Working time:**

Replacing brake discs and brake pads Labor time: **120 TU**

Includes: Raising and lowering the vehicle on the lifting platform  
 Removing and installing front wheels  
 Loosening and securing front brake callipers

**Parts required:**

|            |  |       |
|------------|--|-------|
| 9P1615301H | Brake disc                               | 1 ea. |
| 9P1615302H | Brake disc                               | 1 ea. |
| N 10456004 | Internal hexagon round countersunk screw | 2 ea. |
| 992698075C | 1 set of brake pads for disc brakes      | 2 ea. |
| WHT008186  | Cheese head bolt                         | 4 ea. |
| 9P1698995  | 1 set of springs                         | 2 ea. |

⇒ **Damage Code WLG1 066 000 2**

Scope 2: **Replacing brake discs and brake pads**

- 911 Carrera 4S (992) rear axle – Porsche Ceramic Composite Brake (PCCB)

**Working time:**

Replacing brake discs and brake pads Labor time: **141 TU**

Includes: Raising and lowering the vehicle on the lifting platform  
 Removing and installing rear wheels  
 Loosening and securing rear brake callipers

**Parts required:**

|            |  |       |
|------------|--|-------|
| 9P1615601D | Brake disc                               | 1 ea. |
| 9P1615602D | Brake disc                               | 1 ea. |
| N 10456004 | Internal hexagon round countersunk screw | 2 ea. |
| 992698093B | 1 set of brake pads for disc brakes      | 2 ea. |
| N 91183701 | Cheese head bolt                         | 4 ea. |
| 971698995B | Expanding spring                         | 2 ea. |

⇒ Damage Code WLG1 066 000 2

Scope 3: **Replacing brake discs and brake pads**

- 911 Carrera S and 911 Carrera 4S (992) rear axle – standard brake system

**Working time:**

Replacing brake discs and brake pads

Labor time: **141 TU**

Includes: Raising and lowering the vehicle on the lifting platform  
Removing and installing rear wheels  
Loosening and securing rear brake callipers

**Parts required:**

|            |  |       |
|------------|--|-------|
| 992615601A | Brake disc                               | 1 ea. |
| 992615602A | Brake disc                               | 1 ea. |
| N 10456004 | Internal hexagon round countersunk screw | 2 ea. |
| 992698093  | 1 set of brake pads for disc brakes      | 2 ea. |
| PAF007586  | Cheese head bolt                         | 4 ea. |
| 971698995  | 1 set of springs                         | 2 ea. |

⇒ Damage Code WLG1 066 000 2

Scope 4: **Replacing brake discs and brake pads**

- 718 Spyder (982) front axle – standard brake system

**Working time:**

Replacing brake discs and brake pads

Labor time: **118 TU**

Includes: Raising and lowering the vehicle on the lifting platform  
 Removing and installing front wheels  
 Loosening and securing front brake callipers

**Parts required:**

|             |  |       |
|-------------|--|-------|
| 98135140581 | Brake disc                               | 1 ea. |
| 98135140681 | Brake disc                               | 1 ea. |
| N 10456004  | Internal hexagon round countersunk screw | 2 ea. |
| 99135194783 | 1 set of brake pads for disc brakes      | 2 ea. |
| WHT008186   | Cheese head bolt                         | 4 ea. |
| 97035195901 | 1 set of springs                         | 2 ea. |

⇒ **Damage Code WLG1 066 000 2**

**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.

© 2020 Porsche Cars North America, Inc.