

WNK6 - Replacing Spreader Device (Actuator) (Workshop Campaign)

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **As of 2021 up to 2022**

Model Line: **911 (992)**

Equipment: Porsche Doppelkupplung PDK (M-No. 250)

Concerns: **Spreader device (actuator)**

Cause: **There is a possibility that the spreader device (actuator) for the electric parking brake (EPB) does not meet the required specifications on the affected vehicles.**
If this is the case, cup springs, over a long service life, can potentially break in the spreader device and this can result in function restrictions when the electric parking brake is actuated.

- Action required:
- Scope 1 to 6: Not relevant for this vehicle type.
 - **Scope 7 to 11:** Replacing left spreader device (actuator)
 - **Scopes 12 and 13:** Replacing right spreader device (actuator)
 - **Scope 14 to 18:** Replacing left and right spreader devices (actuator)



Information

Every vehicle is assigned **exactly one** campaign scope.
To learn which scope is assigned to the vehicle, see PCSS Vehicle Information.



Information

The **required parts** for the respective vehicle can be seen in the **assigned scope**. For an overview of the campaign scopes, see: ⇒ *Technical Information 'Warranty processing'*

Please note that the **installation position** (left / right) of the same spreader device **can vary between the model lines**.

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

Required tools

- Tools:
- Torque spanner, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - torque spanner, 2-10 Nm (1.5-7.5 ftlb.)**
 - Torque spanner, 6-50 Nm (4.5-37 ftlb.) e.g. **V.A.G 1331A - torque spanner, 6-50 Nm (4.5-37 ftlb.)**
 - Torque spanner, 40-200 Nm (30-148 ftlb.), e.g. **V.A.G 1332A - torque spanner, 40-200 Nm (30-148 ftlb.)**
 - **9900 - PIWIS Tester 3/ 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90 A**
 - Mounting bolts (wheel assembly)

Replacing spreader device (actuator)



Information

Depending on which scope is assigned to the vehicle, the spreader device (actuator) must be exchanged **either on one side, or on both sides.**

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

- Work Procedure:
- 1 Remove spreader device (actuator).
For this, see ⇒ *Workshop Manual '468519 Removing and installing spreader device (actuator)'*
 - 2 Install **new** spreader device (actuator).
For this, see ⇒ *Workshop Manual '468519 Removing and installing spreader device (actuator)'*
 - 3 Enter the campaign in the Warranty and Maintenance booklet.

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 times may differ from the labor times published in the Labor Operation List in PCSS.

- Scope 1 - 6: Not relevant for this vehicle type.
- Scope 7: **Replacing left spreader device (actuator)**
- Applies to vehicles**
- with **"Basic" equipment (M-No. A8C)**

Labor time:

Replacing left spreader device (actuator) Labor time: **136 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear left wheel
 Removing and installing rear left parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 8: **Replacing left spreader device (actuator)**

Applies to vehicles

- with "S" equipment (M-No. A8F)

Labor time:

Replacing left spreader device (actuator) Labor time: **136 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear left wheel
 Removing and installing rear left parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
PAF007586	Cheese head bolt (M12 x 1.5 x 95)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 9: **Replacing left spreader device (actuator)**

Applies to vehicles

- with **Porsche Ceramic Composite Brake – PCCB (M-No. 2EU / 2EC)** and / or
- **911 Turbo (992)**

Labor time:

Replacing left spreader device (actuator)

Labor time: **136 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear left wheel
 Removing and installing rear left parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	2 pc(s)

⇒ **Damage code WNK6 066 000 2**

Scope 10: **Replacing left spreader device (actuator)**

Applies to vehicles

- with **"S" equipment (M-No. A8F)**
- with **central wheel lock (M-No. 1PJ)**

Labor time:

Replacing left spreader device (actuator)

Labor time: **146 TU**

- Includes:
- Raising and lowering the vehicle on the lifting platform
 - Removing and installing rear left wheel
 - Removing and installing rear left parking brake shoes
 - Connecting and disconnecting battery charger
 - Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
9P1401111A	Driver pin for central locking	5 pc(s)
PAF008885	Fastening brake disc wheel drive pin	5 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
PAF007586	Cheese head bolt (M12 x 1.5 x 95)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 11: **Replacing left spreader device (actuator)**

Applies to vehicles

- with **Porsche Ceramic Composite Brake – PCCB (M-No. 2EU / 2EC)** and / or
- **911 Turbo (992)**

and

- with **central wheel lock (M-No. 1PJ)**

Labor time:

Replacing left spreader device (actuator)

Labor time: **146 TU**

- Includes:
- Raising and lowering the vehicle on the lifting platform
 - Removing and installing rear left wheel
 - Removing and installing rear left parking brake shoes
 - Connecting and disconnecting battery charger
 - Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
9P1401111A	Driver pin for central locking	5 pc(s)
PAF008885	Fastening brake disc wheel drive pin	5 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 12: **Replacing right spreader device (actuator)**

Applies to vehicles

- with "Basic" equipment (M-No. A8C)

Labor time:

Replacing right spreader device (actuator)

Labor time: **136 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear right wheel
 Removing and installing rear right parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AC	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 13: **Replacing right spreader device (actuator)**

Applies to vehicles

- with "S" equipment (M-No. A8F)

Labor time:

Replacing right spreader device (actuator) Labor time: **136 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear right wheel
 Removing and installing rear right parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AC	Left spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF100829	Hexagon-head bolt	4 pc(s)
PAF007586	Cheese head bolt (M12 x 1.5 x 95)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 14: **Replacing left and right spreader devices (actuator)**

Applies to vehicles

- with "Basic" equipment (M-No. A8C)

Labor time:

Replacing left and right spreader devices (actuator) Labor time: **207 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear wheels
 Removing and installing rear parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
PAF100829	Hexagon-head bolt	8 pc(s)

9A700758500	Cheese head bolt (M12 x 1.5 x 85)	4 pc(s)
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⇒ Damage code WNK6 066 000 2

Scope 15: **Replacing left and right spreader devices (actuator)**

Applies to vehicles

- with "S" equipment (M-No. A8F)

Labor time:

Replacing left and right spreader devices (actuator)

Labor time: **207 TU**

Includes:

- Raising and lowering the vehicle on the lifting platform
- Removing and installing rear wheels
- Removing and installing rear parking brake shoes
- Connecting and disconnecting battery charger
- Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
PAF100829	Hexagon-head bolt	8 pc(s)
PAF007586	Cheese head bolt (M12 x 1.5 x 95)	4 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 16: **Replacing left and right spreader devices (actuator)**

Applies to vehicles

- with Porsche Ceramic Composite Brake – PCCB (M-No. 2EU / 2EC) and / or
- 911 Turbo (992)

Labor time:

Replacing left and right spreader devices (actuator) Labor time: **207 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear wheels
 Removing and installing rear parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
PAF100829	Hexagon-head bolt	8 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	4 pc(s)

⇒ **Damage code WNK6 066 000 2**

Scope 17: **Replacing left and right spreader devices (actuator)**

Applies to vehicles

- with **Porsche Ceramic Composite Brake – PCCB (M-No. 2EU / 2EC)** and / or
- **911 Turbo (992)**

and

- with **central wheel lock (M-No. 1PJ)**

Labor time:

Replacing left and right spreader devices (actuator) Labor time: **226 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear wheels
 Removing and installing rear parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
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V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
9P1401111A	Driver pin for central locking	10 pc(s)
PAF008885	Fastening brake disc wheel drive pin	10 pc(s)
PAF100829	Hexagon-head bolt	8 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	4 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 18: **Replacing left and right spreader devices (actuator)**

Applies to vehicles

- 911 GT3 (992)

Labor time:

Replacing left and right spreader devices (actuator)

Labor time: **226 TU**

Includes: Raising and lowering the vehicle on the lifting platform
 Removing and installing rear wheels
 Removing and installing rear parking brake shoes
 Connecting and disconnecting battery charger
 Connecting and disconnecting PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 pc(s)
V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	4 pc(s)
PAF009830	Internal hexagon round countersunk screw, self-locking	4 pc(s)
9P1401111A	Driver pin for central locking	10 pc(s)
PAF008885	Fastening brake disc wheel drive pin	10 pc(s)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	4 pc(s)

⇒ Damage code WNK6 066 000 2

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