

WNK5 - Exchanging 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: Manual transmission (M No. G1L, G1M)

Concerns: **Spreader device (actuator)**

Information: **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 can potentially break in the spreader device over a longer service life, and this can result in function restrictions when the electric parking brake is actuated.

- Action required:
- Scope 1 to 4: Not relevant for this vehicle type.
 - **Scopes 5 and 6:** Exchange left spreader device (actuator).
 - **Scopes 7 and 8:** Exchange 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.

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

Required parts and materials



Information

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

Parts Info: **Only valid for vehicles with Scope 5 and 6**

Parts No.	Designation – Location	Number
V04015004AB	⇒ Spreader device (actuator) – Left	1 piece
9A700704400	⇒ Fit bolt – Actuator mount	2 pieces
N 10456004	⇒ Internal hexagon round countersunk screw, self-locking – Brake disc mount	2 pieces
PAF100829	⇒ Hexagon-head bolt (combination) – Mounting for cover plate	4 pieces

Additionally required for vehicles with Scope 5

PAF007586	⇒ Cheese head bolt (M12 x 1.5 x 95) – Brake calliper mount	2 pieces
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Additionally required for vehicles with Scope 6

PAF911837	⇒ Cheese head bolt with multiple-tooth head (M12 x 1.5 x 115) – Brake calliper mount	2 pieces
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Only valid for vehicles with Scope 7 and 8

Parts No.	Designation – Location	Number
V04015004AB	⇒ Spreader device (actuator) – Left	1 piece
V04015004AC	⇒ Spreader device (actuator) – Right	1 piece
9A700704400	⇒ Fit bolt – Actuator mount	4 pieces

N 10456004	⇒ Internal hexagon round countersunk screw, self-locking – Brake disc mount	4 pieces
PAF100829	⇒ Hexagon-head bolt (combination) – Mounting for cover plate	8 pieces

Additionally required for vehicles with Scope 7

PAF007586	⇒ Cheese head bolt (M12 x 1.5 x 95) – Brake calliper mount	4 pieces
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Additionally required for vehicles with Scope 8

PAF911837	⇒ Cheese head bolt with multiple-tooth head (M12 x 1.5 x 115) – Brake calliper mount	4 pieces
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Required tool

- 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.)**
 - **VAS 6931 - Transmission and gearbox jack**
 - **9900 - PIWIS Tester 3/ 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90A**
 - Mounting bolts (wheel assembly)

Exchanging 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 Move the vehicle onto a lifting platform and raise it. ⇒ *Workshop Manual '4X00IN Raising vehicle'*
- 2 Remove rear wheel on the affected side. ⇒ *Workshop Manual '440519 Removing and fitting wheel'*
- 3 Loosen rear brake calliper. ⇒ *Workshop Manual '474109 Loosening and securing brake caliper rear'*

- 4 Remove rear brake disc. ⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*
- 5 Remove spreader device (actuator). ⇒ *Workshop Manual '468519 Removing and installing spreader device (actuator)'*
- 6 Install new spreader device (actuator). ⇒ *Workshop Manual '468519 Removing and installing spreader device (actuator)'*
- 7 Install rear brake disc. ⇒ *Workshop Manual '465319 Removing and installing rear brake disc'*
- 8 Secure brake caliper rear. ⇒ *Workshop Manual '474109 Loosening and securing brake caliper rear'*
- 9 Re-fit wheel. ⇒ *Workshop Manual '440519 Removing and fitting wheel'*
- 10 Remove the vehicle from the lifting platform. ⇒ *Workshop Manual '4X00IN Raising vehicle'*
- 11 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 - 4: Not relevant for this vehicle type.

Scope 5: **Exchanging left spreader device (actuator)**

Applies to vehicles

- with **"S" equipment (M No. A8F)**
- with **standard rear disc brakes (M No. 2EB and 2ET)**

Labor time:

Exchanging left spreader device (actuator)

Labor time: **136 TU**

Includes:

- Raising and lowering the vehicle on the lifting platform
- Removing and installing rear left wheel
- Loosening and securing rear left brake calliper
- Removing and installing rear brake disc
- Connecting and disconnecting battery charger
- Connect and disconnect PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 piece
9A700704400	Fit bolt	2 pieces
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pieces
PAF100829	Hexagon-head bolt (combination)	4 pieces
PAF007586	Cheese head bolt (M12 x 1.5 x 95)	2 pieces
⇒ Damage code WNK5 066 000 2		

Scope 6: **Exchanging left spreader device (actuator)**

Applies to vehicles

- with **"S" equipment (M No. A8F)**
- with **Porsche Ceramic Composite Brake – PCCB (M No. 2EU)**

Labor time:		
Exchanging left spreader device (actuator)		Labor time: 136 TU
Includes:	Raising and lowering the vehicle on the lifting platform Removing and installing rear left wheel Loosening and securing rear left brake calliper Removing and installing rear brake disc Connecting and disconnecting battery charger Connect and disconnect PIWIS Tester	
Parts required:		
V04015004AB	Left spreader device (actuator)	1 piece
9A700704400	Fit bolt	2 pieces
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pieces
PAF100829	Hexagon-head bolt (combination)	4 pieces
PAF911837	Cheese head bolt with multiple-tooth head (M12 x 1.5 x 115)	2 pieces
⇒ Damage code WNK5 066 000 2		

Scope 7: **Exchanging left and right spreader devices (actuator)**

Applies to vehicles

- with **"S" equipment (M No. A8F)**
- with **standard rear disc brakes (M No. 2EB and 2ET)**

Labor time:

Exchanging 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
 Loosening and securing rear brake calliper
 Removing and installing rear brake discs
 Connecting and disconnecting battery charger
 Connect and disconnect PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 piece
V04015004AC	Right spreader device (actuator)	1 piece
9A700704400	Fit bolt	4 pieces
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pieces
PAF100829	Hexagon-head bolt (combination)	8 pieces
PAF007586	Cheese head bolt with multiple-tooth head (M12 x 1.5 x 115)	4 pieces

⇒ **Damage code WNK5 066 000 2**

Scope 8:

Exchanging left and right spreader devices (actuator)**Applies to vehicles**

- with "S" equipment (M No. A8F)
- with Porsche Ceramic Composite Brake – PCCB (M No. 2EU)

Labor time:

Exchanging 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
 Loosening and securing rear brake calliper
 Removing and installing rear brake discs
 Connecting and disconnecting battery charger
 Connect and disconnect PIWIS Tester

Parts required:

V04015004AB	Left spreader device (actuator)	1 piece
V04015004AC	Right spreader device (actuator)	1 piece

9A700704400	Fit bolt	4 pieces
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pieces
PAF100829	Hexagon-head bolt (combination)	8 pieces
PAF911837	Cheese head bolt with multiple-tooth head (M12 x 1.5 x 115)	4 pieces

⇒ **Damage code WNK5 066 000 2**

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