

**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: **Panamera (971)**

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 can, over a long service life, 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 18: Not relevant for this vehicle type.
  - **Scope 19 to 21:** Replacing left spreader device (actuator)
  - **Scope 22 to 24:** Replacing right spreader devices (actuator)
  - **Scope 25 to 27:** 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'*
  - 2 Install **new** spreader device (actuator).  
For this, see ⇒ *Workshop Manual '468519 Removing and installing spreader device'*
  - 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 - 18: Not relevant for this vehicle type.

Scope 19: **Replacing left spreader device (actuator)**

### Applies to vehicles

- with **load group 1 FA / 1 RA (M-no. 0J2)**
- **except** Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing left spreader device (actuator) Labor time: **113 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)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	2 pc(s)

⇒ **Damage code WNK6 066 000 2**

Scope 20: **Replacing left spreader device (actuator)**

**Applies to vehicles**

- with load group 1 FA / 2 RA (M-no. 0J3) or load group 2 FA / 2 RA (M-no. 0J5)
- Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing left spreader device (actuator) Labor time: **113 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:**

V04015004AD	Left spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
N 91252201	Cheese head bolt (M12 x 1.5 x 130)	2 pc(s)

⇒ **Damage code WNK6 066 000 2**

Scope 21: **Replacing left spreader device (actuator)****Applies to vehicles**

- with **load group 1 FA / 2 RA (M-no. 0J3)** or **load group 2 FA / 2 RA (M-no. 0J5)**
- **except** Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing left spreader device (actuator)

Labor time: **113 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:**

V04015004AD	Left spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	2 pc(s)

⇒ **Damage code WNK6 066 000 2**Scope 22: **Replacing right spreader devices (actuator)****Applies to vehicles**

- with **load group 1 FA / 1 RA (M-no. 0J2)**
- **except** Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing right spreader devices (actuator)

Labor time: **113 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

<b>Parts required:</b>		
V04015004AC	Right spreader device (actuator)	1 pc(s)
9A700704400	Fit bolt	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	2 pc(s)
⇒ Damage code WNK6 066 000 2		

Scope 23: **Replacing right spreader devices (actuator)**

**Applies to vehicles**

- with load group 1 FA / 2 RA (M-no. 0J3) or load group 2 FA / 2 RA (M-no. 0J5)
- Panamera Turbo and Turbo S (971) and/or rear disc brake PCCB (M-no. 2EC)

<b>Labor time:</b>		
Replacing right spreader devices (actuator)		Labor time: <b>113 TU</b>
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	
<b>Parts required:</b>		
V04015004AE	Right spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
N 91252201	Cheese head bolt (M12 x 1.5 x 130)	2 pc(s)
⇒ Damage code WNK6 066 000 2		

Scope 24: **Replacing right spreader devices (actuator)**

**Applies to vehicles**

- with load group 1 FA / 2 RA (M-no. 0J3) or load group 2 FA / 2 RA (M-no. 0J5)
- **except** Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing right spreader devices (actuator)

Labor time: **113 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:**

V04015004AE	Right spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	2 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	2 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	2 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 25:

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

- with load group 1 FA / 1 RA (M-no. 0J2)
- **except** Panamera Turbo and Turbo S (971)

**Labor time:**

Replacing left and right spreader devices (actuator)

Labor time: **185 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)
9A700758500	Cheese head bolt (M12 x 1.5 x 85)	4 pc(s)

⇒ Damage code WNK6 066 000 2

Scope 26: **Replacing left and right spreader devices (actuator)**

**Applies to vehicles**

- with **load group 1 FA / 2 RA (M-no. 0J3)** or **load group 2 FA / 2 RA (M-no. 0J5)**
- **Panamera Turbo and Turbo S (971)** and/or **rear disc brake PCCB (M-no. 2EC)**

**Labor time:**

Replacing left and right spreader devices (actuator)

Labor time: **185 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:**

V04015004AD	Left spreader device (actuator)	1 pc(s)
V04015004AE	Right spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
N 91252201	Cheese head bolt (M12 x 1.5 x 130)	4 pc(s)

⇒ **Damage code WNK6 066 000 2**

Scope 27: **Replacing left and right spreader devices (actuator)**

**Applies to vehicles**

- with **load group 1 FA / 2 RA (M-no. 0J3)** or **load group 2 FA / 2 RA (M-no. 0J5)**
- **except Panamera Turbo and Turbo S (971)**

**Labor time:**

Replacing left and right spreader devices (actuator)

Labor time: **185 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:**

V04015004AD	Left spreader device (actuator)	1 pc(s)
V04015004AE	Right spreader device (actuator)	1 pc(s)
WHT005378	Cheese head bolt with multiple-tooth head	4 pc(s)
N 10456004	Internal hexagon round countersunk screw, self-locking	4 pc(s)
PAF911837	Cheese head bolt (M12 x 1.5 x 115)	4 pc(s)

⇒ **Damage code WNK6 066 000 2**

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