

WJ08 - Checking Rear Wiper Arm and Replacing it if Necessary (Workshop Campaign)

Model Line: **Panamera (971)**

Model Year: **2018**

Subject: **Wiper arm on rear wiper**

Situation: **There is a possibility that the affected vehicles were fitted with a rear wiper on which there is a crack on the cone of the wiper arm due to a manufacturing error.**

This can cause the cone to break, thereby breaking the connection between the wiper arm and rear wiper motor and interrupting the power supply required to drive the rear wiper.

- Remedial Action:
- Check wiper arm on the rear wiper.
 - Depending on the result of the check, replace the wiper arm.

Affected Vehicles: Only the vehicles assigned to the campaign (see also PIWIS Vehicle information). This campaign affects 268 vehicles in North America.

Installation position: Note: The illustrations used in this bulletin show a Cayenne vehicle, reason for this is that when the bulletin was created for this campaign it included Cayenne vehicles for other world-wide markets. No North American Cayenne models were affected by this campaign.



Installation position of wiper arm (shown on the Cayenne)

Parts required

Parts Info: **NOTE: Parts for this campaign will NOT be automatically allocated to your dealership. Parts for this campaign can be ordered as normal if necessary, no PTEC/PAV required.**

Part No.	Designation	Qty.
974955435A	⇒ Cap	1 ea.

Also required, depending on the result of the check:

974955707B	⇒ Wiper arm	1 ea.
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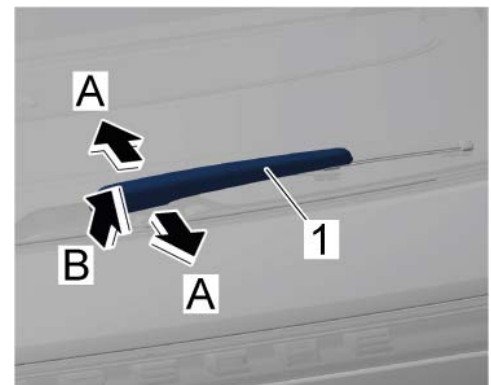
Required tools

Tools:

- Torque wrench, 6 - 50 Nm (4.5 - 37 ftlb.), e.g. **V.A.G 1331 - Torque wrench, 6-50 Nm (4.5-37 ftlb.)**

Checking wiper arm on rear wiper

- Work Procedure: 1 Switch off ignition and remove ignition key.
 On vehicles with Entry & Drive, remove the driver's key from the reception range of the passenger compartment antennas.
- 2 Unclip cap ⇒ *Wiper arm cap -1-* at the side ⇒ *Wiper arm cap -arrows A-* and remove it ⇒ *Wiper arm cap -arrow B-*.



Wiper arm cap

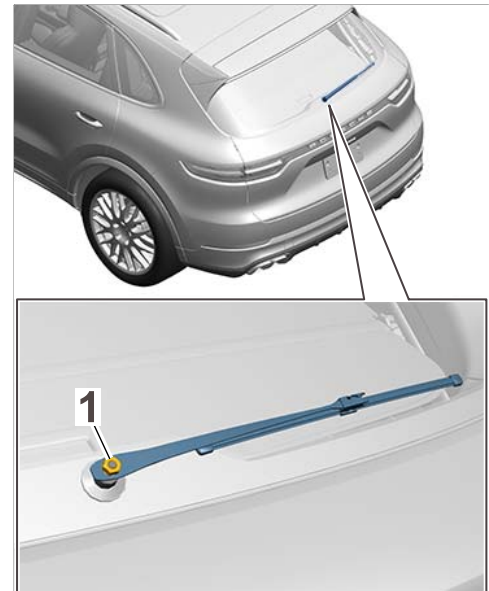


Information

To prevent damage to the wiper motor, hold the wiper arm securely when tightening it.

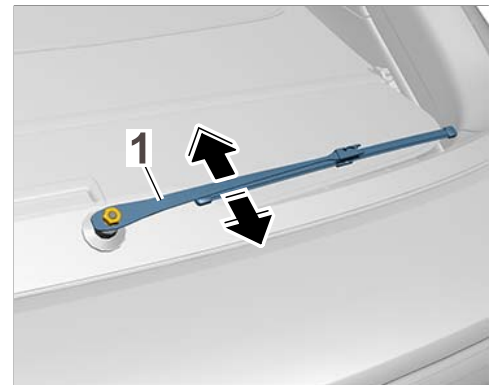
Please note:

- Test tightening torque: **17 Nm (13 ftlb.)**
 - Torque for final assembly: **15 Nm (11 ftlb.)**
- 3 Tighten fastening nut ⇒ *Wiper arm mounting -1-* on the wiper arm.
Test tightening torque 17 Nm (13 ftlb.)



Wiper arm mounting

- 4 Check that the wiper arm ⇒ *Checking that wiper arm is fitted securely-1-* is fitted securely by turning it in both directions ⇒ *Checking that wiper arm is fitted securely-Arrows-*.



Checking that wiper arm is fitted securely

- 5 Remove wiper arm. To do this, unscrew the fastening nut and remove the wiper arm.
- 6 Check wiper arm for damage. To do this, perform a visual inspection of the cone.
- There are **no cracks** visible in the cone area ⇒ *Checking cone for cracks-top picture-*: The **wiper arm is not damaged** and must be **re-installed**. **Continue with** ⇒ *Technical Information 'WJ0800 Installing wiper arm'*.
 - There are **visible cracks on the cone** ⇒ *Checking cone for cracks-bottom picture-* or parts of the cone have already broken off: The **wiper arm must be replaced**. **Continue with Step 7**.



Checking cone for cracks

- 7 **Fit new wiper arm** on the wiper linkage and hold it with slight pressure on the cone. Screw in and then tighten the fastening nut.
Test tightening torque 17 Nm (13 ftlb.)



Information

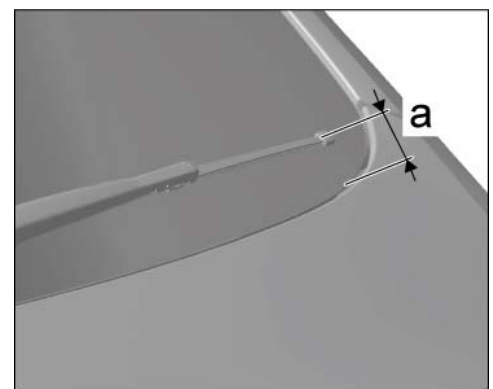
To make absolutely sure that the wiper arm is fitted securely, the check must also be carried out on the new wiper arm.

- 8 Check the wiper arm again. To do this, complete **Steps 4 to 6** again.

Installing wiper arm

Work Procedure: 1 Fit the wiper arm on the wiper linkage and hold it with slight pressure on the cone.

- 2 Set adjustment dimension \Rightarrow *Wiper arm -a-* for wiper arm.



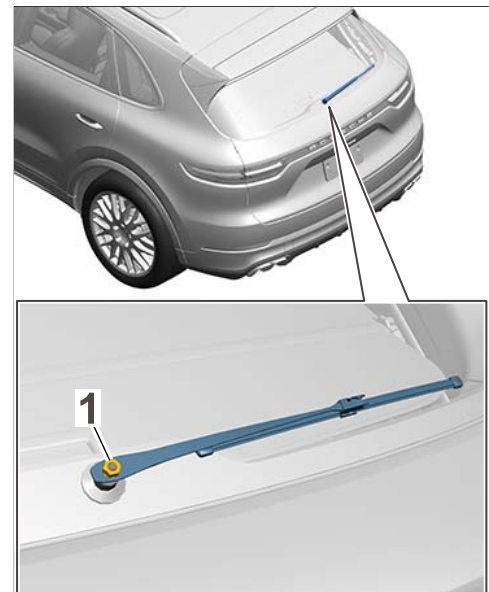
Wiper arm

Model line	Adjustment dimension \Rightarrow <i>Wiper arm -a-</i>
Panamera (971)	22 mm

**Information**

To prevent damage to the wiper motor, hold the wiper arm securely when tightening it.

- 3 Tighten fastening nut \Rightarrow *Wiper arm mounting -1-*.
Tightening torque for fitting 15 Nm (11ftlb.)



Wiper arm mounting

- 4 Perform function test.
 - 4.1 Switch on the ignition.
 - 4.2 Actuate the wiper motor and wait until it stops.
 - 4.3 Check adjustment dimension of the wiper arm.
 - 4.4 If necessary, loosen the wiper arm again and re-adjust it as required.

**Information**

The **cap must not be re-used** and must be **replaced by a new cap**.

- 5 **Fit new** cap and check that it engages securely.
- 6 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing



Information

The working times specified were determined especially for the performance of this campaign and may deviate from the working times published in the catalog of operations contained in PIWIS.

Scope 1: **Checking wiper arm on rear wiper – The wiper arm **does not need to be replaced.****

Working time:		
Checking wiper arm on rear wiper		Labor time: 45 TU
Includes:	Removing and installing wiper arm	
	Checking wiper arm	
Parts required:		
974955435A	Cap	1 ea.
⇒ Damage Code WJ08 066 000 2		

Scope 2: **Checking wiper arm on rear wiper and replacing wiper arm.**

Working time:		
Checking and replacing wiper arm on rear wiper		Labor time: 45 TU
Includes:	Removing and installing wiper arm	
	Checking wiper arm	
Parts required:		
974955435A	Cap	1 ea.
974955707B	Wiper arm	1 ea.
⇒ Damage Code WJ08 066 000 2		

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