

**Reversing Camera Misted Up and/or Droplets Forming in the Camera Lens: Rework Rear Lid Release (182/21)**

Model Line: **Panamera (971)**

Model Year: **As of 2017 up to 2021**

- Equipment:
- **Ultrasonic parking assistant and reversing camera (M-no. 7X8)**
  - **Ultrasonic parking assistant with Real Top View (M-no. 8A4)**

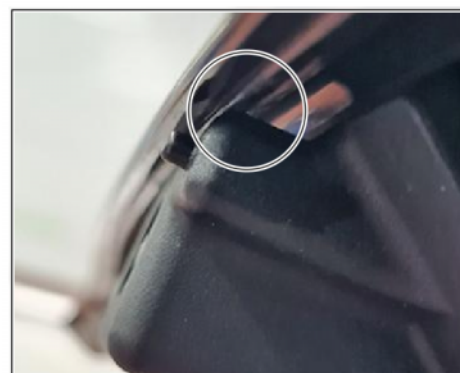
Concerns: **Reversing camera**

Information: The customer complains that the image on the reversing camera view on the PCM screen is cloudy. Drops and/or fogging are visible behind the reversing camera lens.

This may be caused by joint tolerances of the components in the reversing camera area as well as tolerances in the thickness of the body seam seal. They can cause the release for the rear lid in which the reversing camera is installed to touch the rear lid. If this happens, there is a gap between the release and the rear lid that can allow water to penetrate into the reversing camera.



*Formation of drops*



*Contact between PVC seam and rear lid release*



*Gap between release and rear lid*

Action required: In the event of a complaint, rework rear lid release and replace reversing camera.

### Required tools, parts and materials

Tool:

- Calliper gauge
- Fine-grained file

Parts Info:	Part No.	Designation	Number
	9A798055600	⇒ Reversing camera	1 ea
	5Q0980546A	<b>or</b> ⇒ Camera (Real Top View)	1 ea

Materials:

- Adhesive tape/insulating tape

### Preparatory work

Work Procedure: 1 Remove reversing camera.  
⇒ *Workshop Manual '914319 Removing and installing reversing camera'*

**Reworking rear lid release**

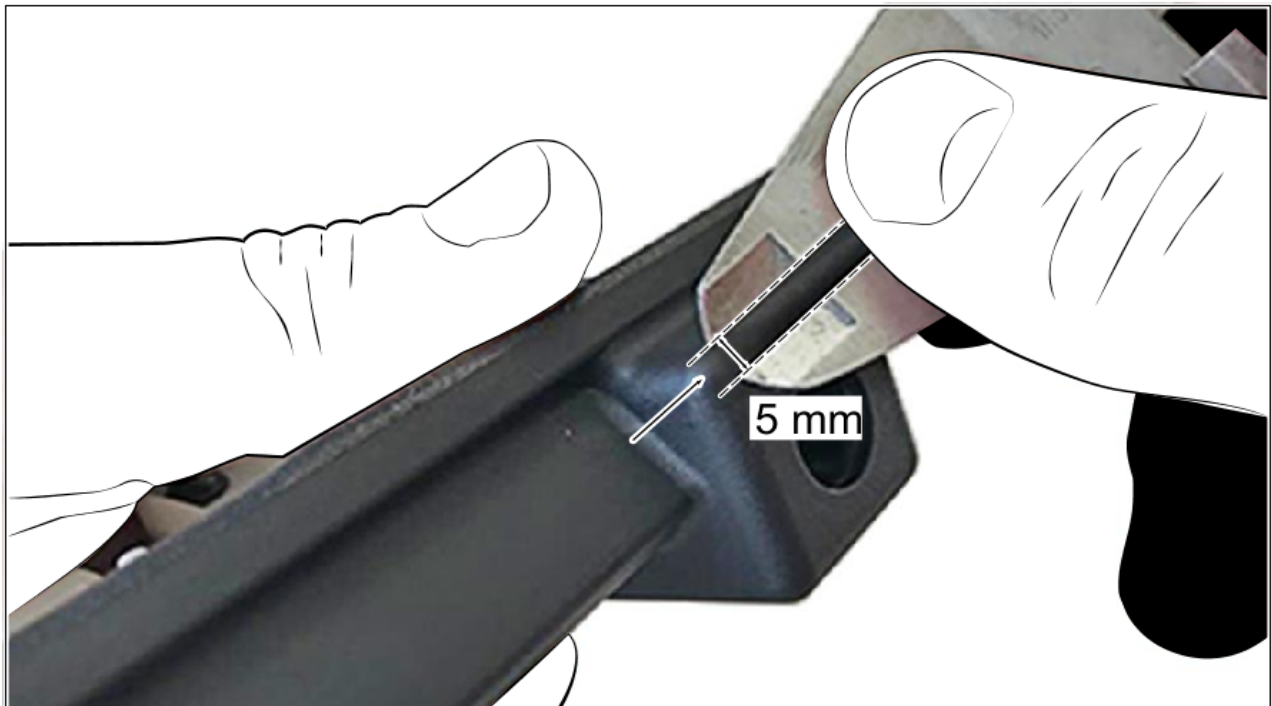
Work

Procedure: Affix a max. 5 mm/ 0.20 in wide chamfer to the actuator for the rear lid to prevent contact between the rear lid release and rear lid and to ensure that the seal is secure.

- 1 Set calliper gauge to a width of 5 mm/ 0.20 in. Then scribe the surface to be removed as shown in  $\Rightarrow$  *Marking area to be removed* using the calliper gauge.



*Contact points*



*Marking area to be removed*

- 2 Mask the spray nozzle for the reversing camera at the actuator for the rear lid as shown in  
⇒ *Masking spray nozzle* using suitable adhesive or insulating tape.

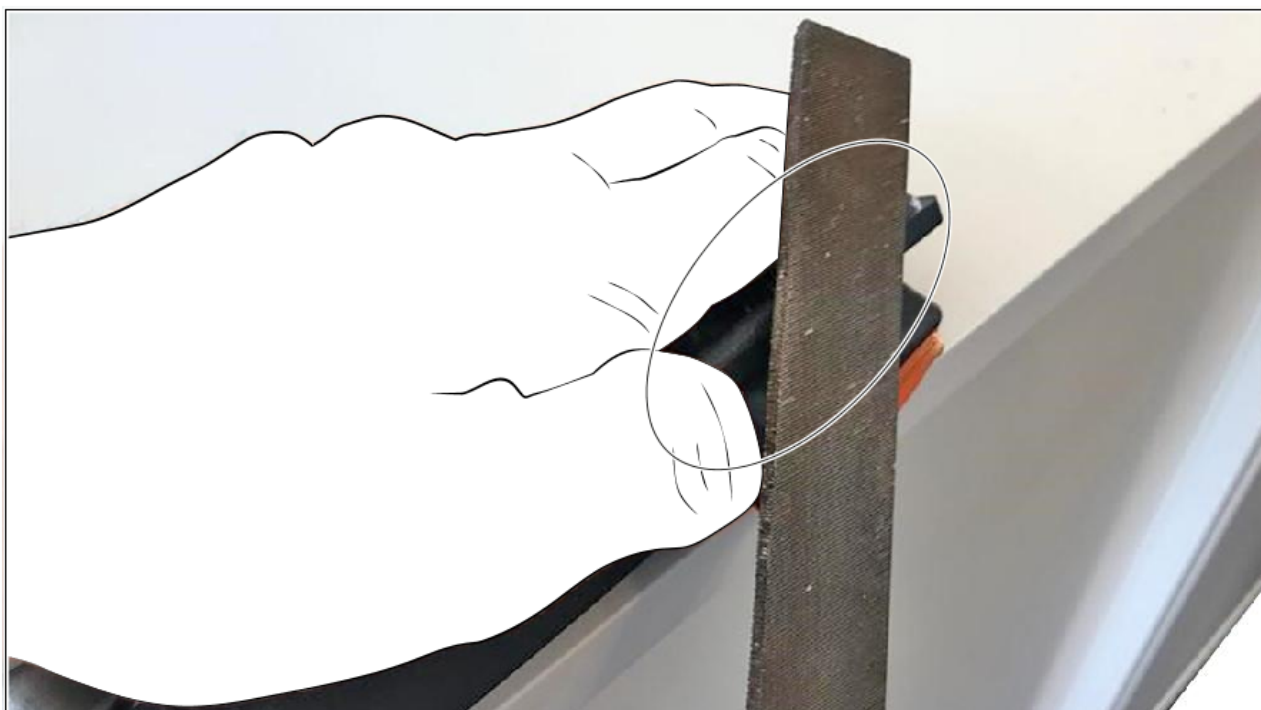


*Masking spray nozzle*

- 3 Remove the area you marked earlier using a fine-grained file over a width of max. 5 mm/ 0.20 in. ⇒ *Installing chamfer*

**Information**

In most cases, it is sufficient to remove approx. 2-3 mm/ 0.08 — 0.12 in of material. Therefore, install the rear lid release in between and check the installation position after you have removed some material. Then, remove more material if necessary.



*Installing chamfer*

- 4 Remove previously applied adhesive tape or insulating tape from the spray nozzle for the reversing camera.



*Example of completed rework*

**Concluding work**

Work Procedure: 1 Install **new** reversing camera in the reworked release for the rear lid and install release for the rear lid together with the reversing camera. Then calibrate the reversing camera.

For instructions, see:

⇒ *Workshop Manual '555719 Removing and installing rear lid release'*

⇒ *Workshop Manual '914319 Removing and installing reversing camera'*

**Invoicing**

Invoicing: For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
91434900	Rework reversing camera	

PCSS encryption:

Location (FES5)	91430	Reversing camera
Damage type (SA4)	5012	fogging, water condensation, humidity

References: ⇒ *Workshop Manual '914319 Removing and installing reversing camera'*

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