

**WRC4 - Checking Filler Flap/Charge Port Door and Rework if Necessary (Stop Delivery)**

Model Line: **Panamera E-Hybrid (YAA / YAB)**

Model Year: **As of 2024 up to 2025**

Concerns: **Filler flap and charge port door**

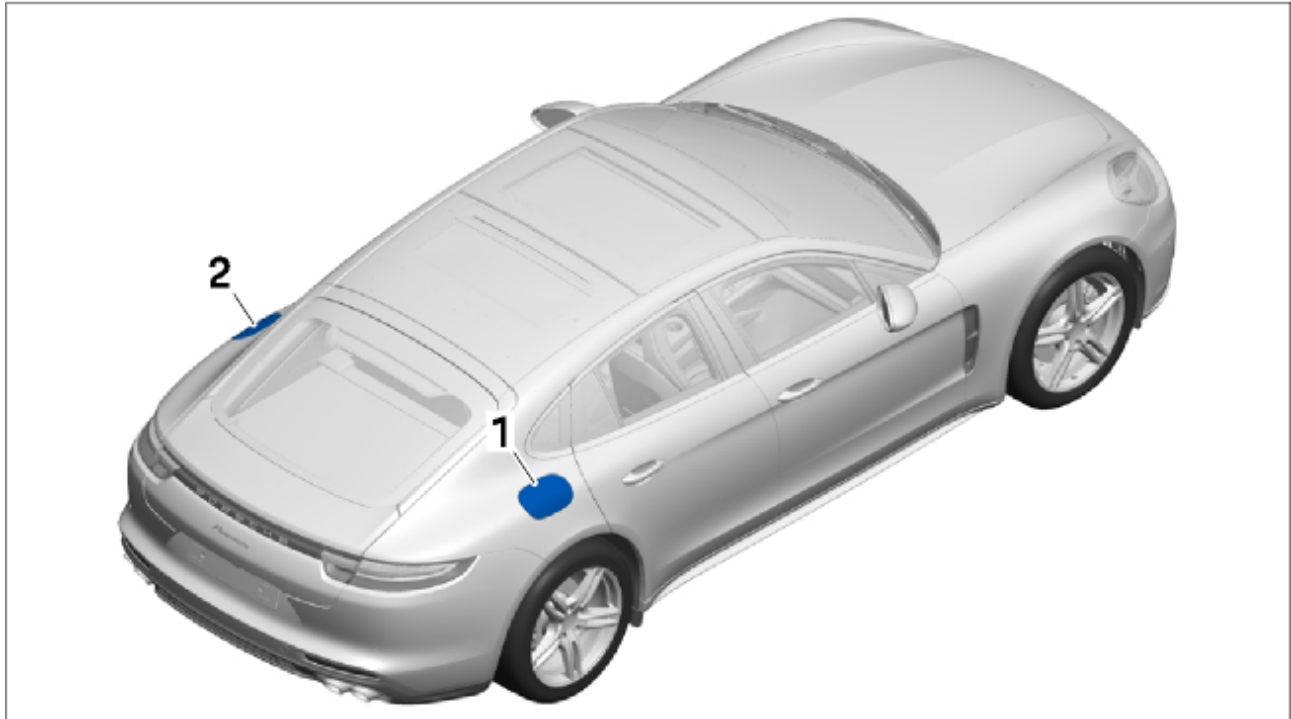
Cause: **On the affected vehicles, there is the possibility that the installed filler flap/charge port door can absorb moisture under certain conditions due to the material properties.**

This can lead to a deformation of the filler flap in the event of a longer vehicle service life at low temperatures in combination with high humidity and can be perceived by the customer as a visual complaint in the form of a protrusion of the filler flap/charge port door.

Action: Check filler flap and charge port door and remove and dry if necessary.

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

Installation  
Position:



*Installation position of filler flap and charge port door*

- 1 – Filler flap
- 2 – Charge port door

### Required tools

- Tools:
- Steel rule
  - (commercially available) feeler gauge

#### Tools only required for rework / drying:

- **VAS 6886 - Temperature Gauge**
- Suitable storage area (e.g. paint stand)
- Radiator (commercially available, e.g. infrared irradiator paint dryer)

### Check filler flap/charge port door and rework if necessary



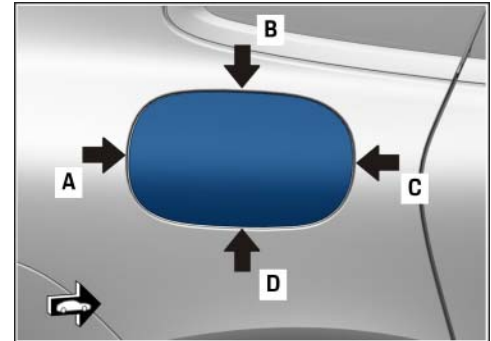
#### Information

The check described below is shown on the filler flap as an example. Also check the charge port door in the same way.

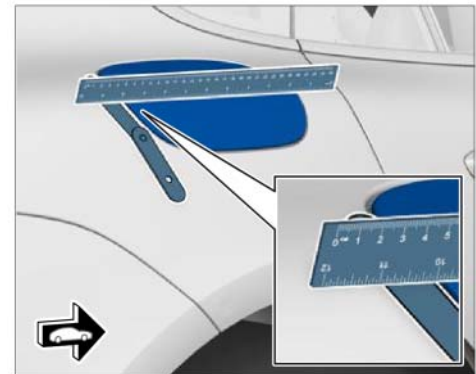
Work Procedure: 1 Check projection between filler flap/charging port door at rear side at four measuring points ⇒ *Filler flap/charge port door measuring points -A, B, C and D-*.

Pay particular attention to the following points:

- Check the filler flap using a steel rule and feeler gauge with the filler flap/charge port door fully closed ⇒ *Checking the filler flap/charge port door.*

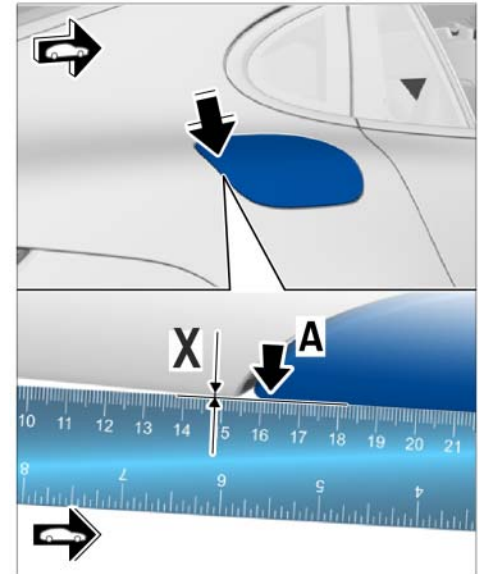


*Filler flap/charge port door measuring points*



*Checking the filler flap/charge port door*

- Make sure not to scratch the paint surface when using the steel rule.
- Place steel ruler in the center of the filler flap/charge port door above the measuring points ⇒ **-A, B, C and D-** as shown in the image with the edge on the filler flap/charge port door.
- Do not put pressure on the steel rule.
- Push in the feeler gauge at the steel rule directly after the body gap between the filler flap/charge port door and side panel and check the projection at this point ⇒ *Joint dimensions for filler flap/charge port door -Dimension X-*.

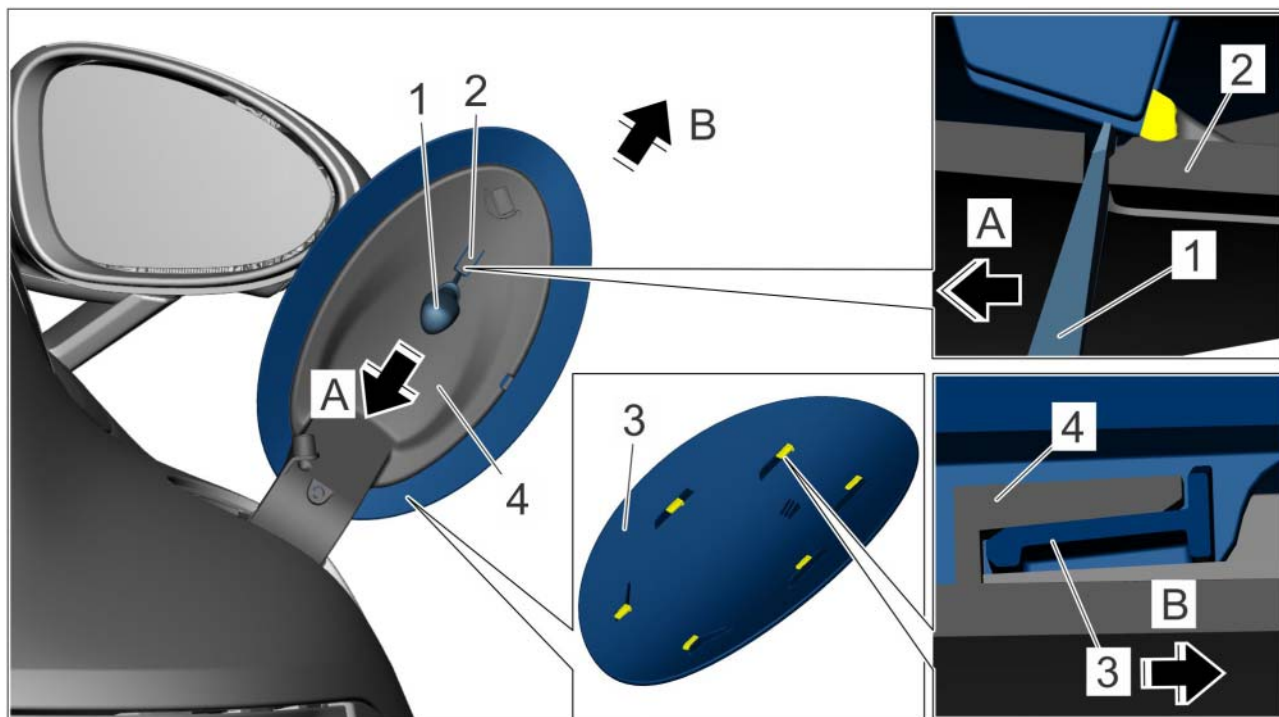


Joint dimensions for filler flap/charge port door

Measurement result (dimensions X)	Action
<ul style="list-style-type: none"> <li>Gap dimension <b>A</b> is less than or equal to <b>1.2 mm / 0.047 in</b></li> <li>Gap dimension <b>B</b> is less than or equal to <b>0.4 mm / 0.016 in</b></li> <li>Gap dimension <b>C</b> is less than or equal to <b>0.7 mm / 0.028 in</b></li> <li>Gap dimension <b>D</b> is less than or equal to <b>0.6 mm / 0.024 in</b></li> </ul>	<p><b>- End of action -</b></p> <p>Continue with Step 5.</p>
<p>One or more of the gap dimensions is <b>greater than the permitted specifications</b> (<math>A &gt; 1.2 \text{ mm (0.047 in)}</math> / <math>B &gt; 0.4 \text{ mm (0.016 in)}</math> / <math>C &gt; 0.7 \text{ mm (0.028 in)}</math> / <math>D &gt; 0.6 \text{ mm (0.024 in)}</math>). The filler flap is deformed due to moisture.</p>	<p><b>The filler flap/charge port door must be removed and dried.</b></p> <p>Document the results of the check. To do this, attach digital photos in PQIS showing the projection of the filler flap and the check performed using the feeler gauge.</p> <p>Continue with Step 2.</p>

- 2 ⇒ **-3-** Remove filler flap/charge port door (cover).
  - 2.1 Open the filler flap/charge port door.
  - 2.2 Lever the locking tab ⇒ *Filler flap/charge port door (cover)* **-2-** with a screwdriver ⇒ *Filler flap/charge port door (cover)* **-1-slightly** in the direction of ⇒ *Filler flap/charge port door (cover)* **-Arrow A-** and release it.

- 2.3 Move filler flap/charge port door (cover) ⇒ **-3-parallel** ⇒ **-4-** to the filler flap/charge port door (arm) ⇒ **-Arrow B-** in direction and remove it.



*Filler flap/charge port door (cover)*

- 3 Dry filler flap/charge port door.
- 3.1 Place the removed filler flap/charge port door on a suitable shelf so that the inner surface points in the direction of the heater.
- 3.2 Position heater (e.g. infrared paint dryer) so that the heating source is approx. 80 cm/ 2.6 ft away from the filler flap/charge port door.
- 3.3 Set the heat output of the heater so that the temperature of the filler flap/charge port door surface is **between 90°C and 100°C / 194 °F and 212 °F**.



**Information**

Please ensure that the temperature effect on the surface of the filler flap is not exceeded. If necessary, check and adjust the temperature using a temperature measuring device.

- 3.4 Perform drying process.  
The drying process can take up to 8 hours depending on the moisture content.

- 4 Re—install filler flap/charge port door in reverse order and check the protrusion again as per work step 1.  
If the protrusion of the filler flap/charge port door is still too large and outside of the specification, then you should dry the filler flap again. In this case, invoice scope **6 or 8**.
- 5 Enter the campaign in the Warranty and Maintenance logbook.

### Warranty processing

Scope 1-3: Not relevant for this vehicle type.

Scope 4: Checking filler flap and charge port door

- **Relevant for E-Hybrid vehicles**

**Labor time:**

Checking filler flap and charge port door

Labor time: **25 TU**

⇒ **Damage number WRC4 066 000 1**

Scope 5: Checking filler flap and charge port door and drying flap

- **Relevant for E-Hybrid vehicles**

**Labor time:**

Checking filler flap and charge port door and drying flap

Labor time: **57 TU**

⇒ **Damage number WRC4 066 000 1**

Scope 6: Check filler flap and charge port door and **dry flap twice**

- **Relevant for E-Hybrid vehicles**

**Labor time:**

Check filler flap and charge port door and dry flap twice

Labor time: **80 TU**

⇒ **Damage number WRC4 066 000 1**

Scope 7: Check filler flap and charge port door and dry both flaps

- **Relevant for E-Hybrid vehicles**

**Labor time:**

Check filler flap and charge port door and dry both flaps

Labor time: **83 TU**

⇒ **Damage number WRC4 066 000 1**

Scope 8: Check filler flap and charge port door and **dry both flaps twice**

- **Relevant for E-Hybrid vehicles**

**Labor time:**

Check filler flap and charge port door and dry both flaps twice

Labor time: **130 TU**

⇒ **Damage number WRC4 066 000 1**

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