

WH17 - Replacing Front Right Power Windows Mechanism (Workshop Campaign)

Important: **CRITICAL WARNING** - This campaign includes steps where control unit(s) in the vehicle will be programmed. 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 before starting the campaign and also document the actual voltage on the repair order. Please refer to Equipment Information EQ1401 for a list of suitable battery chargers/power supplies which should be used to maintain vehicle voltage.

Model Year: **As of 2017 up to 2018**

Model Line: **Panamera (971)**

Subject: **Front right power windows mechanism**

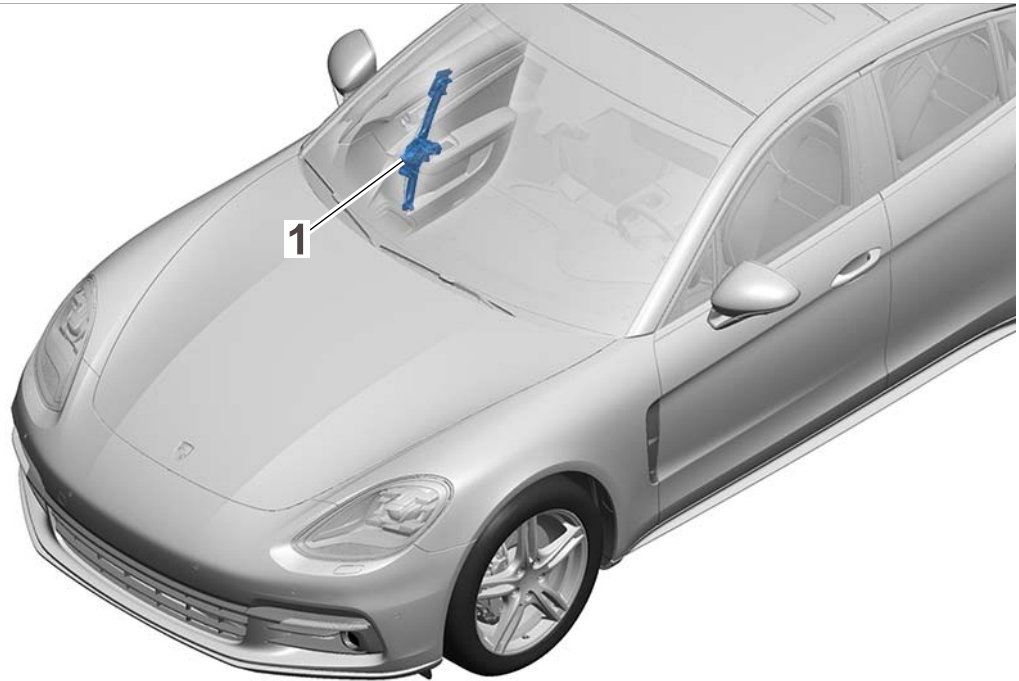
Information: **An unfavorably positioned drain bore in the front right power windows mechanism can prevent moisture that penetrates via the window channel from being drained completely.**

If this moisture freezes at low outside temperatures, the mechanism can be damaged when the front right power window is actuated. As a result, the front right side window will no longer close.

Remedial Action: Replace front right power windows mechanism.

Affected Vehicles: Only the vehicles assigned to the campaign (see also PIWIS Vehicle information). This campaign affects 1066 vehicles in North America.

Installation
position:



Front right power windows mechanism

1 – Front right power windows mechanism (**replace**)

Required parts and materials

Parts Info: **Parts for this campaign will be automatically allocated to dealerships. Parts will then remain open to normal ordering with no PTEC required once initial allocation has been used**

Required parts:

Part No.	Designation	Qty.
000 043 210 87	⇒ Power windows mechanism, complete, front right	1 ea.

Materials: **Required materials** (usually already available in the Porsche Dealership):

Part No.	Designation	Qty.
958 537 437 40	⇒ Adhesive tape, 40 x 4,000 mm	As much as required (approx. 60 mm required per vehicle)

Required tools

- Tools:
- Torque screwdriver, 1.5 – 3 Nm (1 – 2 ftlb.), e.g. **VAS 6494 - Torque screwdriver**
 - Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
 - Plastic assembly wedge
 - Suitable protective cover for door panel

Replace front right power window

Work Procedure: 1 Remove front right door panel.



Information

For the steps described below for replacing the power windows mechanism, the door window must be opened and closed several times.

The door panel must therefore only be loosened initially and with the wire harness for the power windows switch connected, it must be set down on a suitable protective cover close to the door. If more space is needed as you proceed with the measure, remove the door panel completely.

- 1.1 Remove door warning light ⇒ *Workshop Manual '961619 Removing and installing door warning light'.*
- 1.2 Remove door panel trim ⇒ *Workshop Manual '706119 Removing and installing trim for front door panel'.*
- 1.3 Loosen the door panel initially and remove it completely if necessary ⇒ *Workshop Manual '705919 Removing and installing front door panel'.*
- 2 Remove front right door window.
 - 2.1 Remove front roof moulding ⇒ *Workshop Manual '66331901 Removing and installing (front) roof moulding'.*
 - 2.2 Remove front window channel seal ⇒ *Workshop Manual '64481901 Removing and installing (front) outer window channel seal'.*
 - 2.3 Remove door window frame ⇒ *Workshop Manual '644419 Removing and installing (front) door window frame'.*
 - 2.4 Remove door window seal ⇒ *Workshop Manual '644319 Removing and installing (front) seal'.*

- 2.5 Remove door window guide ⇒ *Workshop Manual '644519 Removing and installing front window guide'*.
- 2.6 Remove door window ⇒ *Workshop Manual '644019 Removing and installing front door window'*.
- 3 Replace front right power windows mechanism.
- 3.1 Mark the position of the fastening nuts for the power windows mechanism on the door.
- 3.2 Remove power windows mechanism and install new power windows mechanism. When doing this, align the new power windows mechanism according to the markings applied earlier.
For instructions, see ⇒ *Workshop Manual '645219 Removing and installing front power windows'*.

Part No.	Designation	Qty.
000 043 210 87	Power windows mechanism, complete, front right	1 ea.

- 4 Install front right door window.



Information

For the steps described below, the door window must be opened and closed several times. Set the door panel down on a suitable protective cover close to the door initially and insert the wire harness for the power windows switch on the door panel.

- 4.1 Install door window ⇒ *Workshop Manual '644019 Removing and installing front door window'*.
- 4.2 Install door window guide ⇒ *Workshop Manual '644519 Removing and installing front window guide'*.
When doing this, close off the assembly opening for the window guide using a sufficiently large piece of adhesive tape instead of the adhesive pad you removed earlier.

Part No.	Designation	Qty.
958 537 437 40	Adhesive tape, 40 x 4,000 mm	As required

- 4.3 Install door window seal ⇒ *Workshop Manual '644319 Removing and installing (front) seal'*.
- 4.4 Install door window frame ⇒ *Workshop Manual '644419 Removing and installing (front) door window frame'*.
- 4.5 Install front window channel seal ⇒ *Workshop Manual '64481901 Removing and installing (front) outer window channel seal'*.

- 4.6 Install front roof moulding ⇒ *Workshop Manual '66331901 Removing and installing (front) roof moulding'*.
- 5 Install front right door panel.
 - 5.1 Install door panel completely ⇒ *Workshop Manual '705919 Removing and installing front door panel'*.
 - 5.2 Install door panel trim ⇒ *Workshop Manual '706119 Removing and installing trim for front door panel'*.
 - 5.3 Install door warning light ⇒ *Workshop Manual '961619 Removing and installing door warning light'*.
- 6 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope: **Replace front right power window**

Working time:

Replacing front right power windows mechanism Labor time: **144 TU**

Includes:

- Removing and installing front right door warning light
- Removing and installing trim for front right door panel
- Removing and installing front right door panel
- Removing and installing front right roof moulding
- Removing and installing front outer window channel seal
- Removing and installing front right door window frame
- Removing and installing front right door window seal
- Removing and installing front right door window guide
- Removing and installing front right door window

Parts required:

000 043 210 87	Power windows mechanism, complete, front right	1 ea.
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Required materials (usually already available in the Porsche Dealership):

958 537 437 40	Adhesive tape, 40 x 4,000 mm	0.02 ea. (approx. 60 mm required per vehicle)
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⇒ **Damage Code WH17 066 000 2**

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