

Symptom - Body Exterior - Drains On Rear Panoramic Roof Blocked: Cleaning drains (SY 102/17)

Model Line: **Macan**

Model Year: **As of 2014**

Equipment: Panoramic roof system (I-no. 3FU)

Subject: **Drains on rear panoramic roof**

Symptom: **Customer complains that luggage compartment trim panel is wet or rear parking assistant does not function.**

Water remains in panoramic roof frame and does not drain away.

Cause: The drains on the rear panoramic roof may be blocked by debris.

Remedial action: Clean blocked drains using **VAS 6620 - cleaning and pull-in aid**.

Tools: **VAS 6620 - Cleaning and pull-in aid**

Checking water drain hoses for debris

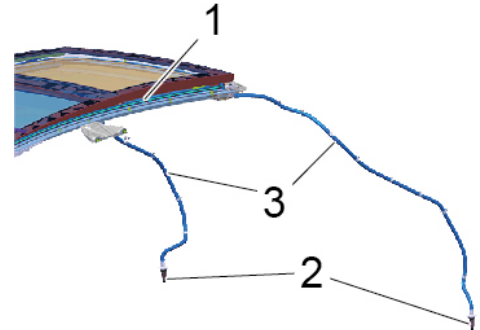
- 1 Open the glass panel fully.



Information

Make sure that the water is distributed in both directions so that it can flow out at the front and rear water drain hose.

- 2 From inside the vehicle, pour water into the guide rails at the left and right (⇒ *Drain bush -1-*) near the glass panel using a commercially available measuring cup.

*Drain bush*

- 3 If no water flows out at the relevant points ⇒ **Clean water drain hoses**, see description below.

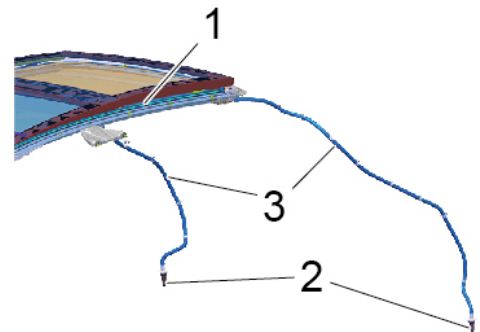
Cleaning rear water drain hose



Information

If the drain is damaged during cleaning, the entire water drain hose must be replaced.

- 4 **VAS 6620 - Cleaning and pull-in aid** must be pushed into the drain (vehicle underbody — ⇒ *Drain bush -2-*).

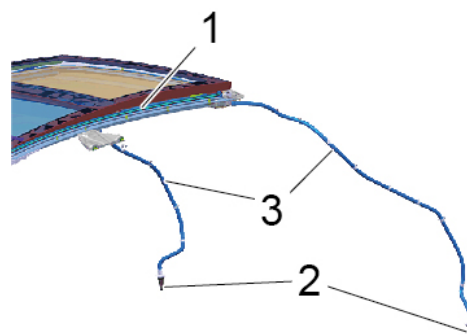
*Drain bush*



Water Drain Hose Bends — Work the tool gently in the area of the bends.

Important: When inserting the cleaning tool into the drain, be careful not to insert it too far, too fast, as the tool may damage the drain. The drain bends only a couple inches in from the end.

- 5 **VAS 6620 - Cleaning and pull-in aid** must be pushed through the water drain hose (⇒*Drains -3-*) in order to clean the water drain hose (⇒*Drains -3-*).



Drains

- 6 Check the water drain hoses again to make sure the water is draining correctly (see Step 3.).

Invoicing For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	60480	Water drain
Damage type (SA4)	1631	Blocked

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2018 Porsche Cars North America, Inc.