

Symptom - Body Exterior - Drains on Rear Panoramic Roof Blocked: Checking Water Drain Hoses, Cleaning and Replacing Drain Sleeve (SY 102/17)

Change overview:

Release	Date	Change
0	01/16/2018	<ul style="list-style-type: none"> • First publication
1	12/04/2023	<ul style="list-style-type: none"> • New drain sleeves available • Work procedure adapted in the section "Checking water drain hose for soiling"

Model Line: **Macan (95B)**

Model Year: **As of 2014**

Equipment: Panoramic roof system **(M No. 3FU)**

Concerns: **Drain 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 drain on the rear panoramic roof may be blocked by particles of dirt.

Remedial Action: Clean blocked water drain and install new drain sleeves.



Information

If the drain sleeves have already been replaced with the new component version in the past, only the cleaning of the water drain hoses needs to be carried out in the event of a new complaint.

Required parts and materials

Parts Info:	Part No.	Designation - Location	Number
	95B877399	⇒ Rear left and right water drain sleeve, repair kit (set of 2 pieces) - Cleaning rear water drain hose	1 ea.

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

Part No.	Designation – Location	Quantity
00004330592	⇒ Loctite, instant adhesive (cyanoacrylate) – Water drain hose on drain sleeve	Quantity as required

Required tool

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

Checking water drain hose for soiling

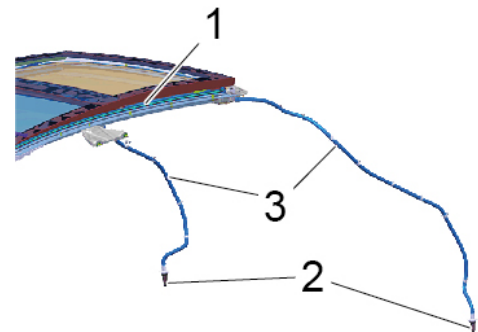
- 1 Open the glass panel fully.



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-1*- near the glass panel using a commercially available measuring cup.

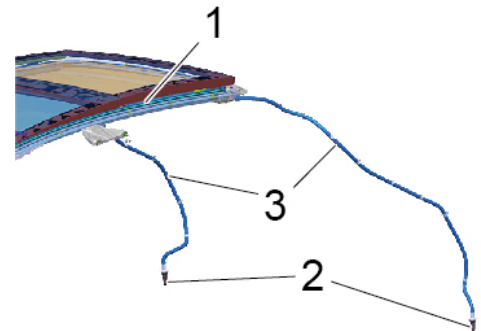


- 3 If no water flows out from the respective points, the water drain hoses ⇒ *Drain-3*- must be cleaned and the drain sleeves ⇒ *Drain-2*- replaced.

Cleaning rear water drain hose and replacing drain sleeve

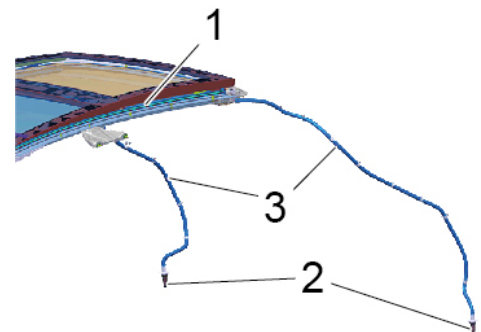
- 1 Remove rear wheels.
⇒ *Workshop Manual '440519 Removing and fitting wheel'*

- 2 Remove rear wheel housing liners.
⇒ *Workshop Manual '536919 Removing and installing wheel housing liner rear'*
- 3 **Cleaning and pull-in aid** must be pushed into the drain sleeve (vehicle underbody — ⇒ *Drain -2-*).



Drain

- 4 **Cleaning and pull-in aid** must be pushed through the water drain hose ⇒ *Drain -3-* in order to clean the water drain hose ⇒ *Drain -3-*.



Drain

- 5 Replace rear drain sleeve with **new** component version against rear drain sleeve.
⇒ *Workshop Manual '604855 Replacing water drain (rear grommet)'*
- 6 Check the water drain hoses again to make sure the water is draining correctly.
⇒ *Technical Information '604855 Checking water drain hose for soiling'*
- 7 Install wheel housing liner rear.
⇒ *Workshop Manual '536919 Removing and installing wheel housing liner rear'*
- 8 Install rear wheels.
⇒ *Workshop Manual '440519 Removing and fitting wheel'*

Working position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
60480102	Check water drain	
60482949	Clean water drain	
60485500	Replacing water drain	

PCSS encryption:

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

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