



## 60-18-03 Water Leak From Rear Of Panoramic Sunroof

Release date: 7/18/2019

**Condition****Applicable Vehicles**

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Golf Sportwagen, Alltrack	2015-2018	All	All	AU_FM500001	AU_JM765566

**Revision Table**

Instance Number	Published Date	Version Number	Reason For Update
2045672/5	7/18/19	60-18-03	Update to warranty table time unit.
2045672/4	10/2/18	V601803	Update to update model year applicability.
2045672/1	10/24/16	V601607	Original publication.

The rear sunroof drains may be pinched shut by foam blocks on the headliner, not allowing the sunroof frame to drain properly (See Figure 1).





## Technical Background

Incorrect assembly in production allows too much length in the sunroof drain between the second and third securing clips. This causes excess slack in the drain hose allowing the foam block to contact the hose.

## Production Solution

Assembly process assured as of VIN: AU\_ JM765566.

## Service

### Inspect the Rear Sunroof Drain Hoses

1. Open the sunroof all the way.
2. Open the sunshade 2/3rds of the way.
3. Using the pry lever 80-200, slide it along between the cover frame (Figure 2, -2-) and the headliner (Figure 2, -1-) until the lever comes in contact with one of the clips (Figure 2, -3-).



#### Note:

Clean the pry lever 80-200 prior to using to avoid soiling the headliner.

4. Unclip the cover frame (Figure 2, -2-) in the area near the clips (Figure 2, -3-) using the pry lever 80-200 (Figure 2, -arrow-).

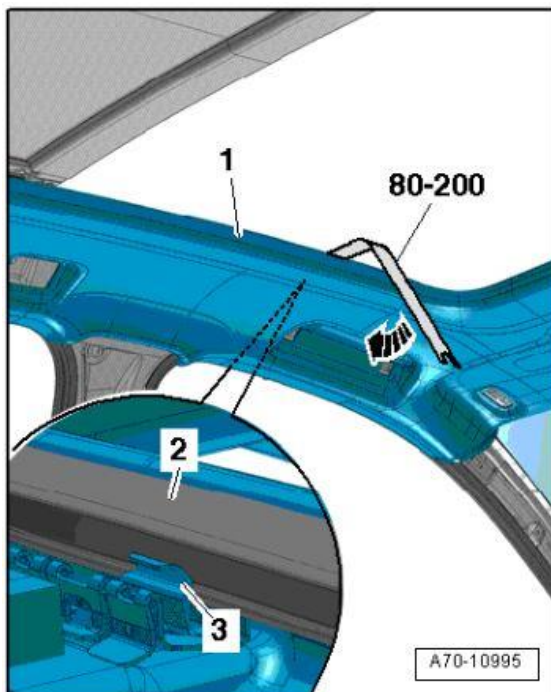


Figure 2



## 60-18-03 Water Leak From Rear Of Panoramic Sunroof

Release date: 7/18/2019

- 
5. Remove the C-Pillar trim panels. See repair manual group 70 in ELSA.
  6. Remove the D-Pillar trim panels. See repair manual group 70 in ELSA.
  7. Loosen the rear roof grab handles from the mounts in the grab handle brackets. DO NOT completely remove. See repair manual group 68 in ELSA.
  8. Remove the luggage compartment lamp. See repair group 96 in ELSA.
  9. Carefully lower the rear of the headliner and inspect the rear sunroof drain hoses. The drain hoses should be replaced if they show signs of being pinched by the foam blocks on the headliner (Figure 3).

**Note:**

Care must be taken when working with the headliner. The headliner bends easily. Damage to the headliner during this repair is not covered by warranty. Replace the headliner if it is bent.



Figure 3: Impression on rear sunroof drain from contact with headliner foam block.

**Tip:**

If the sunroof drains are pinched continue to next step. If the sunroof drains are not pinched, this bulletin does not apply and further diagnosis is required.



---

**Replace Rear Sunroof Drain(s) Hose and Ensure the Correct Routing of the Hose(s)**

1. Finish removing the headliner. See repair manual group 70 in ELSA.
2. Remove and replace the rear sunroof drain hoses. See repair manual group 60 in ELSA.

**Tip:**

The new hoses (longer than original) should be cut to match the length of the original hoses prior to the installation. During installation of the new drain hoses, ensure the hoses are pulled taut between the 2<sup>nd</sup> and 3<sup>rd</sup> mounting clips with no excess slack in the hoses (See Figures 4 and 5).



**Figures 4 and 5: Correct routing of left and right rear drain hoses with no slack between the 2<sup>nd</sup> and 3<sup>rd</sup> mounting clips.**

3. Reinstall the headliner ensuring the foam blocks do not contact either of the sunroof drain hoses (See Figures 6 and 7).



**Figures 6 and 7, Rear drain hoses routed behind foam blocks on headliner.**

4. Reinstall all removed trim pieces in the reverse order of removal.
5. Water test vehicle to ensure there are no further water leaks.



## Warranty

<b>To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup></b>					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Golf Sportwagen, Alltrack	2015-2018	All	All	AU_FM500001	AU_JM765566
<b>SAGA Coding</b>					
<b>Claim Type:</b>	<b>Use applicable Claim Type <sup>1)</sup></b>				
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>	<b>Damage Location (Depends on Service No.)</b>		
6048	0010	--	000		
<b>Parts Manufacturer</b>	Golf Sportwagen, Alltrack	3ME <sup>2)</sup>			
<b>Labor Operation <sup>3)</sup> : Headliner Remove and Reinstall</b>			70841903 = <b>See Elsa for latest time units.</b>		
<b>Labor Operation <sup>3)</sup> : Remove and Reinstall 2 Rear Water Drains</b>			60482060 = <b>See Elsa for latest time units.</b>		
<b>Labor Operation <sup>3)</sup> : Water Test</b>			60480399 = 20 TU		
<b>Causal Part: Select Labor Operation</b>			60482060		
<b>Diagnostic Time <sup>4)</sup></b>					
<b>GFF Time expenditure</b>	01500000 = 00 TU max.			NO	
<b>Road Test</b>	01210002 = 00 TU 01210004 = 00 TU			NO	
<b>Technical Diagnosis</b>	01320000 = 20 TU max.			YES	
<b>Claim Comment: Input "As per Technical Bulletin 2045672" in comment section of Warranty Claim.</b>					
<sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.					



60-18-03 Water Leak From Rear Of Panoramic Sunroof

Release date: 7/18/2019

- 2) Code per warranty vendor code policy.
- 3) Labor Time Units (TUs) are subject to change with ELSA updates.
- 4) Documentation required per Warranty Policies and Procedures Manual.

### Required Parts and Tools

Part No:	Part Description	Quantity
5G0 877 228	Water Drain Hose	2

For Special Tools see Repair Manual.

### Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or