



Technical Bulletin

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Golf, Golf GTI	2015-2016	All	All	AU_FM082335	AU_GM015209

Condition

60 16 05 May 18, 2016 2043788

Sunroof Shade Will Not Open / Close

Customer may complain that the sunroof shade cannot be opened or closed.



Tip:

This bulletin must be read in its entirety, and supporting sub-step information gathered before beginning repair.



Note:

This bulletin does not apply to vehicles outside of the VIN range listed. Vehicles outside of the listed VIN range use different sunroof frames and these parts are not interchangeable.

Technical Background

In some cases the shade track in the sunroof frame was manufactured at the largest tolerance which allows the shade to twist during operation. If this happens, the metallic bands of the shade will move out of the proper location and can unwind inside of the rear sunroof assembly, causing the shade to be inoperable.

Production Solution

Improved parts in production.



Technical Bulletin

Service

Replace the sunroof track and shade.

Procedure:

Remove Sunroof Glass Panel

- Remove the sunroof glass panel, see Repair Manual Group 60 “Glass Panel, Removing and Installing, Sedan from 03/2015” in ELSA.
- Close the sunroof mechanism using the sunroof control button.

Remove Sunroof Motor Cover and Motor

- Remove cover for sunroof motor, see Repair Manual Group 60 “Power Sunroof Control Module J245, Removing and Installing, Sedan from 03/2015” in ELSA.
- Remove sunroof drive motor, see Repair Manual Group 60 “Power Sunroof Control Module J245, Removing and Installing, Sedan from 03/2015” in ELSA.

Remove Headliner

- Loosen the sunroof clamping strip -1- from the clips -2- (Figure 1) using the Wedge Set –T10383- and remove.

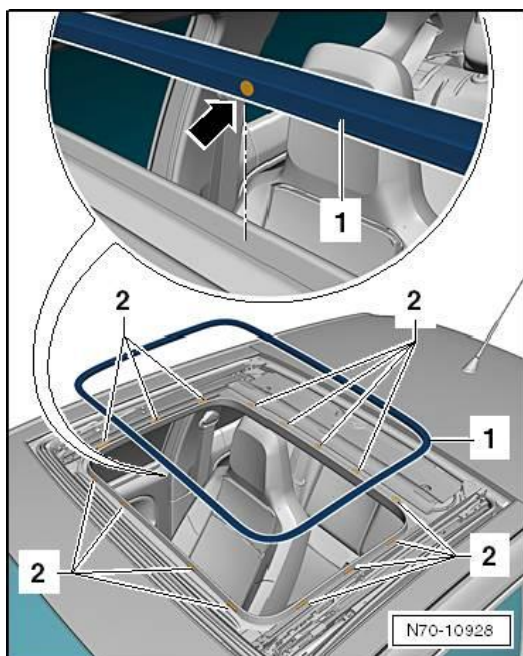


Figure 1



Technical Bulletin

- Remove the A-pillar upper trim panels, see Repair Group 70 “A-Pillar Trim Panel, Removing and Installing” in ELSA.
- Remove the B-pillar upper trim panels, see Repair Manual group 70 “B-Pillar Trim Panel, Removing and Installing” in ELSA.
- Remove the rear shelf compartment, see Repair Group 70 “Rear Shelf Compartment, removing and Installing” in ELSA.
- Remove the roof end strip, see Repair Manual Group 70 “Roof End Strip, Removing and Installing” in ELSA.
- Remove the C-pillar trim panels, see Repair Manual Group 70 “C-Pillar Trim Panel, Removing and Installing in ELSA.
- If applicable, remove the covers for the interior rearview mirror, see Repair Manual Group 68 “Interior Rearview Mirror, Removing and Installing” in ELSA.
- Remove the sun visors, see Repair Group 68 “Sun Visor, Removing and Installing” in ELSA.
- Remove the sun visor center supports, see Repair Group 68 “Sun Visor Center Support, Removing and Installing” in ELSA.
- Remove the headliner storage compartment, see Repair Group 68 “Headliner Storage Compartment, Removing and Installing” in ELSA.
- Loosen the roof grab handles from the mounts in the roof grab handle bracket. **DO NOT** completely remove, see Repair Manual Group 68 “Roof Grab Handle, Removing and Installing” in ELSA.
- Disconnect the headliner wiring harness connector in the headliner frame.
- Fold the rear seat backrests forward.
- Fold the front seat backrests rearward to a 45° angle.
- Remove the headliner, see Repair Manual Group 70 “Headliner, Removing and Installing, Sedan” in ELSA.



Note:

The headliner bends easily, replace the headliner if it is bent.



Technical Bulletin

Remove Sunroof Track

- Loosen the connector in the area of the front reading lamp and loosen the wiring harness -2- on the side of the slotted guide rail guide -1- (Figure 2).

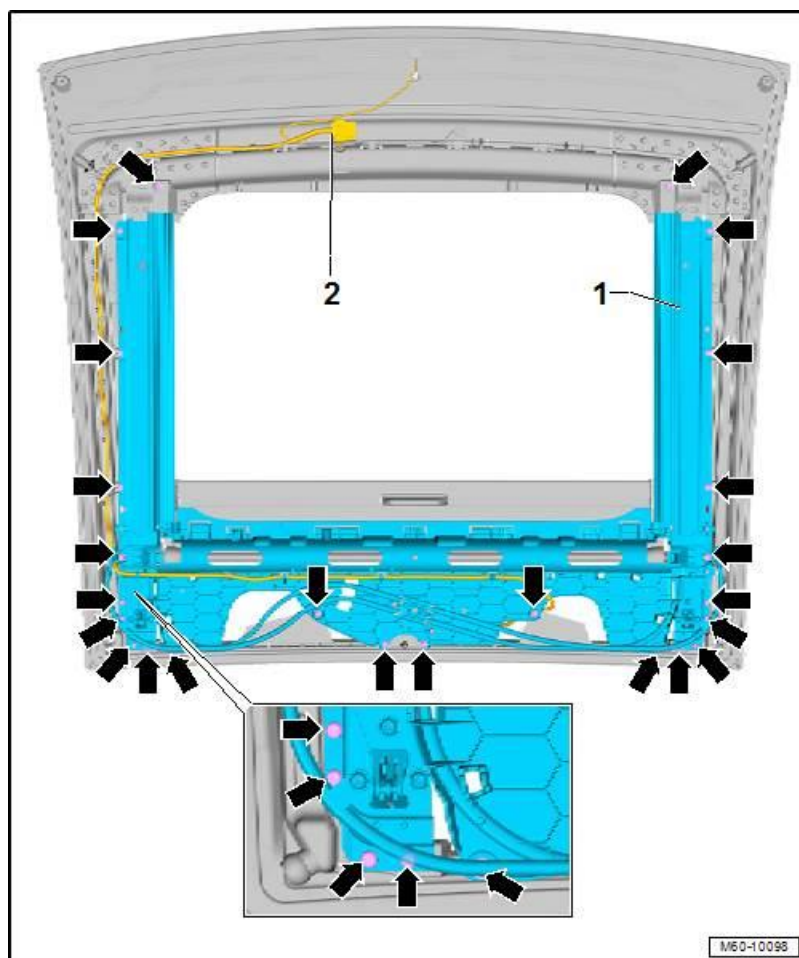


Figure 2

- Remove the sunroof track, see Repair Manual Group 60 “Slotted Guide Rail Guide, Removing and Installing, Sedan from 03/2015” in ELSA.
- Install original sunroof wiring harness to the new sunroof track.



Technical Bulletin

Install New Sunroof Track

- Install sunroof track, see Repair Manual Group 60 “Slotted Guide Rail Guide, Removing and Installing, Sedan from 03/2015” in ELSA.

Note:

Screws are microencapsulated and must always be replaced after removal.

- Re-connect the connector in the area of the front reading lamp and secure the wiring harness -2- on the side of the slotted guide rail guide -1- (Figure 2).

Install Headliner

Installation is performed in reverse order of removal, while noting the following:

Tip:

Check all fasteners for damage and replace if necessary.

The yellow marking –arrow- on the clamping strip -1- must point in the direction of travel (Figure 3).

Always replace the clips -2- for the clamping strip -1- (Figure 3).

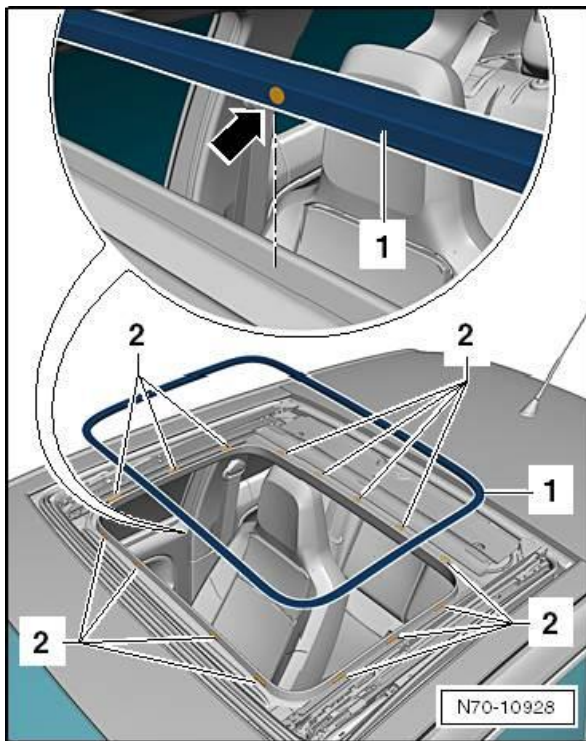


Figure 3

- Install headliner and remaining interior trim components in reverse order of removal, see Repair Manual Group 70 “Headliner, Removing and Installing, Sedan” in ELSA.



Technical Bulletin

Install New Sunroof Shade Assembly

- Install new sun shade, see Repair Manual Group 60 “Sunroof Shade, Removing and Installing, Sedan from 03/2015” in ELSA.

Install Sunroof Motor and Motor Cover

- Install sunroof motor. Installation is performed in reverse order of removal, see Repair Manual Group 60 “Power Sunroof Control Module J245, Removing and Installing, Sedan from 03/2015” in ELSA.
- Install sunroof motor cover. Installation is performed in reverse order of removal, see Repair Manual Group 60 “Power Sunroof Control Module J245, Removing and Installing, Sedan from 03/2015” in ELSA.

Install Sunroof Glass Panel

- Open the sunroof mechanism with the sunroof control button.
- Install sunroof glass panel, see Repair Manual Group 60 “Glass Panel, Removing and Installing, Sedan from 03/2015” in ELSA.

Note:

Screws are microencapsulated and must always be replaced after removal.

- Adjust the Panorama tilting sunroof glass panel (height adjustment), see Repair Manual Group 60 “Glass Panel, Adjusting, Sedan” in ELSA.
- Program the Sunroof motor, see Repair Manual Group 60 “Power Sunroof Control Module –J245-, Programming” in ELSA.
- Perform a function test to verify proper operation of sunroof and sunroof shade.



Technical Bulletin

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Golf (A7), Golf GTI	2015-2016	All	All	AU_FM082335	AU_GM015209
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
6028	0018	--		Use applicable when indicated in Elsa (L/R)	
Parts Manufacturer	Golf, Golf GTI			3YK ²⁾	
Labor Operation ³⁾ : Remove and Install Tilt Unit			60351950 = 100 TU		
Labor Operation ³⁾ : Remove and Install Sunroof Motor			60141950 = 10 TU		
Labor Operation ³⁾ : Program Sunroof Motor			60142599 = 10 TU		
Labor Operation ³⁾ : Install Sun Shade			60702399 = 30 TU		
4-Door Models					
Labor Operation ³⁾ : Remove and Install Headliner			70841903 = 280 TU		
2-Door Models					
Labor Operation ³⁾ : Remove and Install Headliner			70841913 = 310 TU		
Causal Part:			5GM877049		
Diagnostic Time ⁴⁾					



Technical Bulletin

GFF Time expenditure	01500000 = 00 TU max.	NO
Road Test	01210002 = 00 TU 01210004 = 00 TU	NO
Technical Diagnosis	01320000 = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2043788" in comment section of Warranty Claim.		
<p>1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p>2) Code per warranty vendor code policy.</p> <p>3) Labor Time Units (TUs) are subject to change with ELSA updates.</p> <p>4) Documentation required per Warranty Policies and Procedures Manual.</p>		

Required Parts and Tools

Part No:	Part Description	Quantity
5GM 877 049	Frame	1
5GD 877 307*	Sunshade*	1*
5GM 898 803	Sunroof Frame Bolt Set	1
5GM 898 057	Glass Panel Bolt Set	1
5G0 867 289 D	Clamping Strip Clamp	15
8Z0 867 276	A-Pillar Clamp	4

*Use VIN search to determine correct color code when ordering.

For Special Tools see Repair Manual.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.



Technical Bulletin

Document Control Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2043788/1	5/18/16	V601605	Original publication