

Technical Service Bulletin



61 Water leak at front corners of convertible top

61 16 24 2024108/4 June 8, 2016. Supersedes Technical Service Bulletin Group 61 number 11-12 dated February 23, 2011 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5 Cabriolet	2010 - 2015	All	Not Applicable
A5 Cabriolet	2016	000001 - 009765	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header data (Added model years)
3	2/23/2011	Revised header data (Modified VIN break)
2	11/23/2010	Revised <i>Service, Warranty, and Required Parts and Tools</i>

Water leak from the convertible top.

Technical Background

After heavy rain, water can migrate beyond the front convertible top header seal in the area where the convertible top header meets the windshield. The leak may not be immediately noticeable, but after a period of time following strong rainfall, the leaks can become evident in the front corners (Figure 1 and Figure 2).



Figure 1. Location where a leak may occur.



Figure 2. Evidence of a leak.

Production Solution

A section of butyl cord is installed in the roof frame seal (header) to close the path of water migration.

Service

1. Open the convertible top just enough to access the header area.
In approximately 8 minutes, the hydraulic pressure for the convertible top operation is released.



Warning:

There is a risk of injury when the hydraulic pressure releases if caution is not exercised.

2. Make sure that the convertible top is in such a position that the working area can remain accessible.
3. Fold back the seal lip and loosen the bolts for the retaining strip (Figure 3).

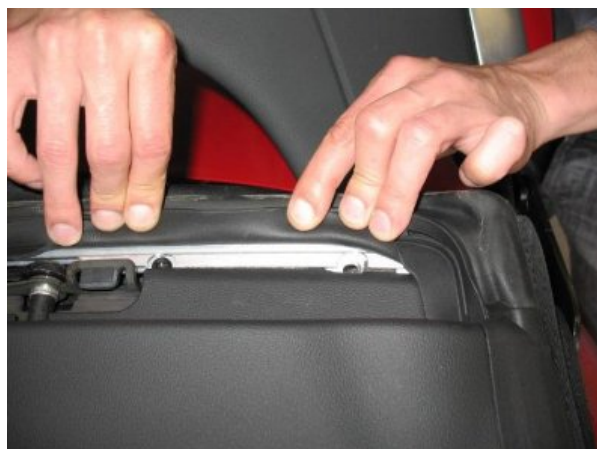


Figure 3. Folding back the seal bar.

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4. Remove the bolts securing the retaining strip (Figure 4).



Figure 4. *Lifting the corner.*

5. Lift the retaining strip and seal away from the top cover (Figure 5).



Figure 5. *Retaining strip and seal pulled back.*

6. Install a section of butyl cord (part number AKL45000505) between the seal and the top cloth across the front and into the corners. The section will be approximately 135 cm long (Figure 6).



Figure 6. *Butyl cord application.*

7. Install a length of cord long enough to wrap around and past the corners, and extend 40 mm past the roof line. Make sure that the butyl cord is evenly spread between both edges in the outer groove of the seal. Kneading the cord may ease installation. Push any excess into the end chambers (Figure 7).



Figure 7. Pushing excess butyl cord into the end chambers.

8. Press the seal on the cover and press firmly to ensure a good seal. Make sure the seal is correctly positioned on the cover (Figure 8).



Figure 8. The seal, correctly positioned.

9. Carefully reinstall the removed parts, paying particular attention to the correct installation of the seal on the retaining strip. An incorrectly-installed seal can create additional water leaks.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	6139		
Damage Code:	0050		
Labor Operations:	Headliner remove+reinstall	7084 1902	30 TU
	Convertible top end piece remove+reinstall	6139 1950	40 TU
	Install butyl cord	6128 9999	20 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2024108/4		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
AKL45000505	Butyl adhesive / sealing cord	0.3

Additional Information

All parts and service references provided in this TSB (2024108) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.