

Technical Service Bulletin



66 Wind noise from exterior rear view mirror

66 15 52 2035673/5 April 30, 2015. Supersedes Technical Service Bulletin Group 66 number 15-50 dated April 10, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5	2009 - 2014	000001 - 999999	Not Applicable
Q5	2015	000001 - 069581	Not Applicable
Q7	2007 - 2014	000001 - 999999	Not Applicable
Q7	2015	000001 - 023485	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Service</i> (Change in placement of felt strip)
4	4/10/2015	Revised header data (Updated model years and VIN ranges)
3	12/9/2013	Revised <i>Required Parts and Tools</i> (Revised quantity of material)

- Customer may report hearing wind noise from the front door area when the vehicle is driven at highway speeds.
- After diagnosis, it is determined that the source of the wind noise is the exterior rear view mirrors

Technical Background

Throughout the development of the Audi Q5 and Audi Q7, various features have been added to the exterior rear view mirrors. The added features include the turn signal lamp, side assist lamp, perimeter lamp, etc. As the complexity of the exterior rear view mirror increases, the mirrors become more susceptible to wind noise.

The two main sources of wind noise from the exterior rear view mirrors are: the seam surrounding the turn signal lamp and the seam at the mirror base. The modifications explained in the *Service* section of this bulletin will effectively mitigate the wind noise symptom for the customer.

Production Solution

Improved mirror components have been implemented in production.

Service

1. Begin by removing the exterior rear view mirror glass (Figure 1). Disconnect the electrical connectors carefully and set the glass aside.



Figure 1. Exterior rear view mirror glass removed.

2. Remove the exterior rear view mirror cover. Manually folding the mirror body up will aid in the removal process (Figure 2).



Figure 2. Exterior rear view mirror manually folded.

- Carefully pull the lower rim of the cover away from the mirror base. Release the two retaining clips for the cover inside the mirror base (Figure 3).



Figure 3. Location of the retaining clips.

- Unsnap the cover and set it aside (Figure 4).



Figure 4. Removing the mirror cover.

- Cut two 60mm x 3mm strips of felt tape (part number: **533863288A**) (Figure 5).



Figure 5. Strips cut from felt tape.

6. Apply the felt tape strips to the area of the mirror base between the mirror base and the seal, as shown at right (Figure 6). This will provide tension to the seal limiting the possibility of seal vibration at high speeds.

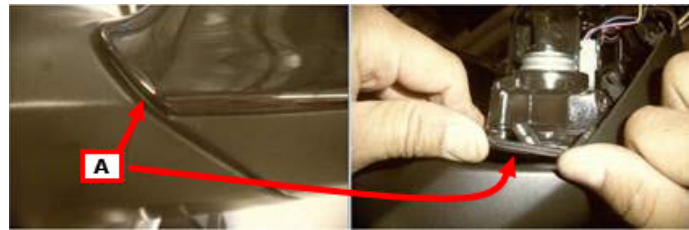


Figure 6. Area where felt tape is to be applied (A).

7. Remove the turn signal lamp from the mirror cover (Figure 7).



Figure 7. Removing the turn signal lamp.

8. Apply strips of foam material (part number **8F0857869**) into the entire channel that surrounds the turn signal lamp, as shown at right (Figure 8 and Figure 9).



Figure 8. Turn signal lamp with sealing foam tape installed.



Figure 9. Turn signal lamp with sealing foam tape installed.

9. Reinstall the turn signal lamp into the mirror cover. Reinstall the mirror cover onto the mirror base (Figure 10).



Tip: Exercise care in the reassembly process. Incorrect or incomplete reassembly will cause recurrence or additional wind noise from the mirror assembly.



Figure 10. Mirror reassembled.

Perform this modification to both exterior rear view mirrors.



Note:

If, after performing this TSB in its entirety, wind noise specifically from the exterior rear view mirrors persists, please contact Audi Technical Assistance for further instructions.

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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:	6655		
Damage Code:	0020		
Labor Operations:	Modify mirror base and turn signal lamp seams – both sides	6655 9999	60 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 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 #2035673/5		

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
533863288A	 <p>Felt strip</p>
8F0857869	 <p>Sealing foam tape</p>

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Additional Information

All parts and service references provided in this TSB (2035673) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.