

# Technical Service Bulletin



## 66 Wind noise from exterior rear view mirror

66 15 47 2039960/1 March 3, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q3	2015	All	Not Applicable

## Condition

- 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

Possible sources of this wind noise are the seam surrounding the turn signal lamp and the seam surrounding the side assist lamp (if equipped). Because of the lack of two mounting screws from the mirror base to the mirror housing, the mirror housing can move when the vehicle is at speed, creating a large gap around the turn signal lamp. The modifications explained in the *Service* section of this bulletin will effectively mitigate the wind noise symptom should these seams be the root cause of the wind noise.

## Production Solution

Two additional mirror housing mounting screws are being installed in production.

## Service

1. Diagnosis should begin with a test drive (preferably with the customer). With masking tape applied to the seams around the turn signal lamp and side assist lamp (if equipped), the possibility of the root cause of the wind noise can be confirmed. If the exterior rear view mirrors are not the cause of the wind noise, continue with diagnosis for another root cause. If the exterior rear view mirrors are the root cause of the wind noise, proceed as follows.
2. Begin by removing the exterior rear view mirror glass. Disconnect the electrical connectors carefully and set the glass aside.

3. Inspect the holes shown in the illustration (Figure 1). If screws are already installed in these openings and the vehicle is not equipped with side assist, no further modification is necessary for the exterior mirror. If screws are not present, they will need to be installed. Proceed by removing the exterior rear view mirror cover. If screws are installed, they will need to be removed to complete this disassembly and to access the side assist lamp.



**Figure 1.** Mirror housing screw hole locations.

4. With the screws removed, 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 and pull upwards. The retaining clip engagement is shown in the illustration (Figure 2).



**Figure 2.** Exterior rear view mirror glass and housing removed. Retaining clip engagement locations are shown.

5. If the vehicle is equipped with side assist, unclip the lamp away from the housing. If not already present, apply a section of adhesive tape D 373125A2 to either side of the lamp body as shown in the illustration (Figure 3).



**Figure 3.** Adhesive tape D 373125A2 applied to the side assist lamp.

6. If the screws were not initially installed, the bosses in the exterior mirror housing will need to be drilled out to accommodate the screws (Figure 4).



**Figure 4.** Mirror housing boss locations.

7. Using a 3mm drill bit, carefully drill out the boss. Use extreme care to not drill into the mirror housing and damage it (Figure 5). The opening being drilled out is only to allow easier screw installation.



**Figure 5.** Drilling out the boss opening to 3mm.

8. Reinstall the side assist lamp into the mirror housing and reinstall the mirror housing to the mirror base. Install the two screws. Install the mirror glass.



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

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.

If, after performing this TSB in its entirety, the wind noise condition from the exterior rear view mirrors is effectively repaired yet wind noise is present from another root case, continue diagnosis and repair to satisfy the customer's wind noise concern.

# Technical Service Bulletin





## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	6655		
<b>Damage Code:</b>	0051		
<b>Labor Operations:</b>	Modify mirror housing and side assist lamps – both sides	6655 9999	80 TU
<b>Diagnostic Time:</b>	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)		
<b>Claim Comment:</b>	As per TSB #2039960/1		

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
D 373125A2	 <p>Fleece adhesive tape</p>	0.2
N 90353902	 <p>Screw</p>	4

## Additional Information

All parts and service references provided in this TSB (2039960) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.