

## Noise From Fan Motor

---

Topic number	LI83.10-P-075602
Version	2
Function group	83.10 - Ventilation
Date	6/6/24
Validity	H247 left-hand drive vehicle
Reason for change	Remedy change

---

### Complaint

Noise can be heard coming from the air conditioning system at higher blower motor speeds.

### Cause

Leaves/foreign objects have entered through the water drain grille in the water drain thereby causing an imbalance and noise in the blower wheel.

### Remedy

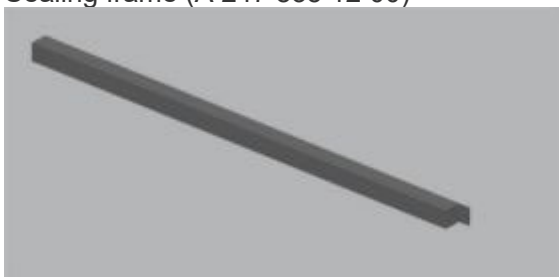
Remove any leaves/foreign objects from the blower and interior air filter (the blower does NOT need to be replaced). After this, more fine-grained grilles and sealing frames can be used that are better at filtering out leaves / foreign objects.

# XENTRY Tips

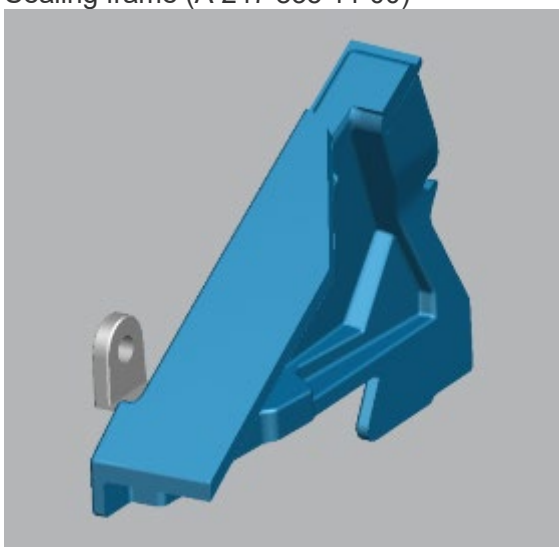
---

## Parts required for retrofitting:

Sealing frame (A 247 835 12 00)



Sealing frame (A 247 835 11 00)



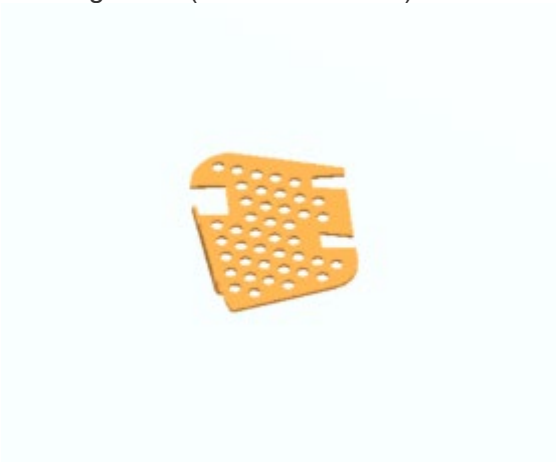
Plug-in mounting (A 000 991 56 04)



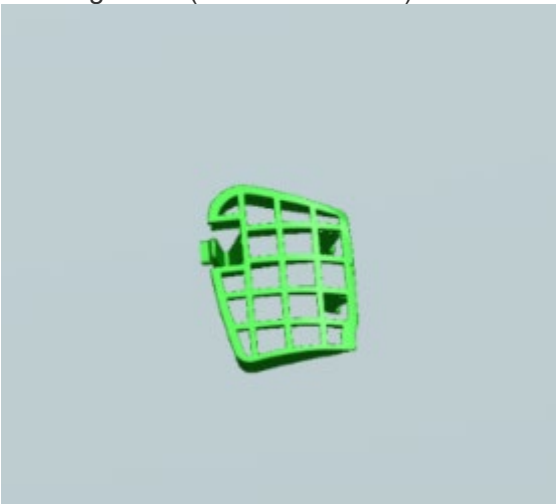
# XENTRY Tips

---

Housing cover (A 247 830 95 03)

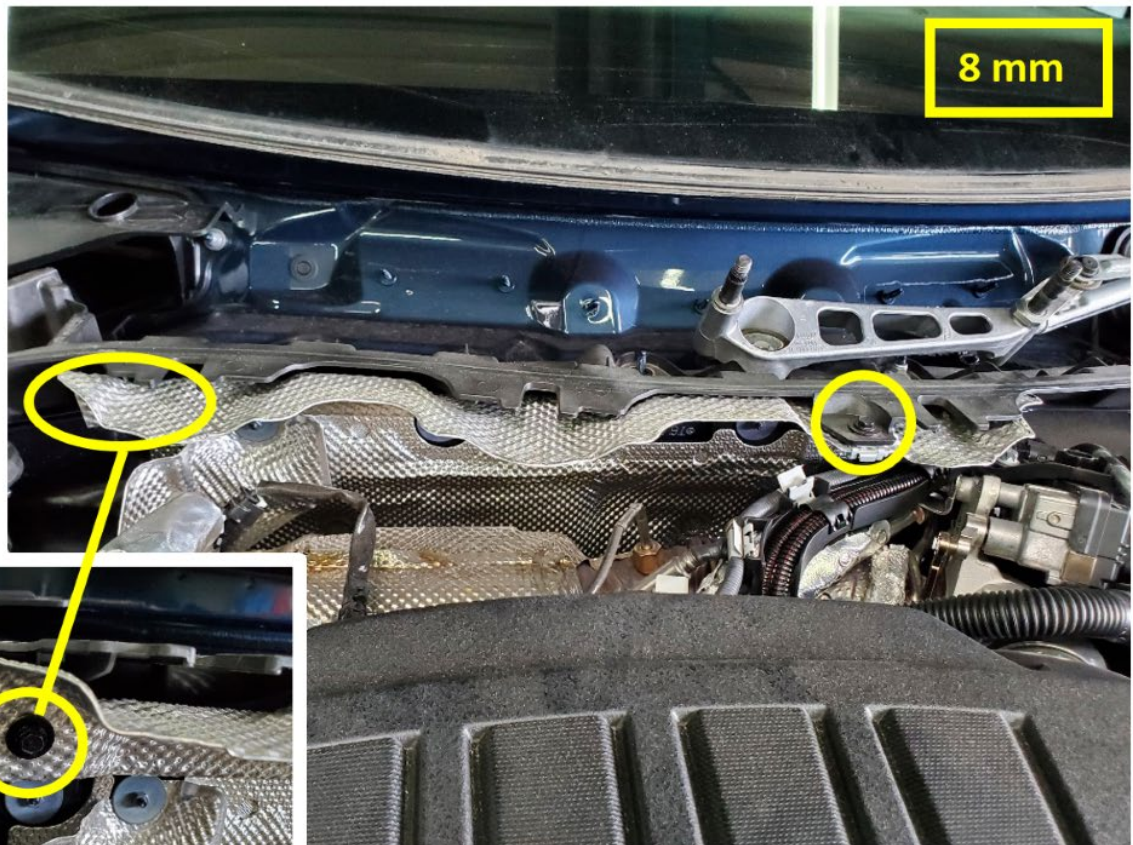
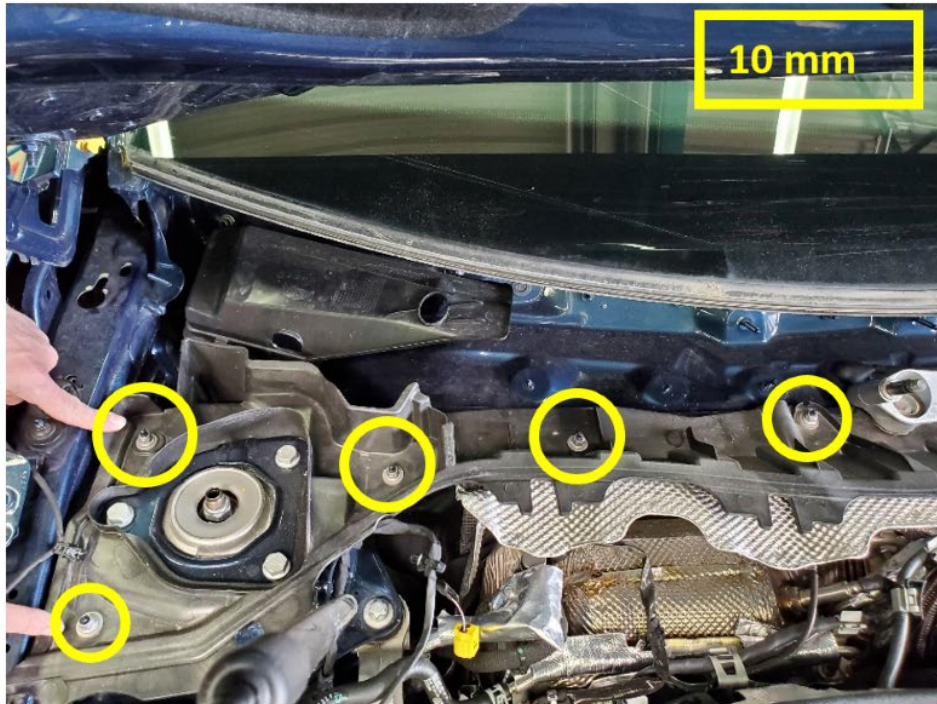


Housing cover (A 247 830 63 03)



## Steps:

- 1- Remove windshield wiper as per the work instructions **AR82.30-P-0001MFA**
- 2- Remove cover for water drain as per the work instructions **AR83.10-P-1411MFB**
- 3- Release threaded connections (5x 10 mm, 2x 8 mm)



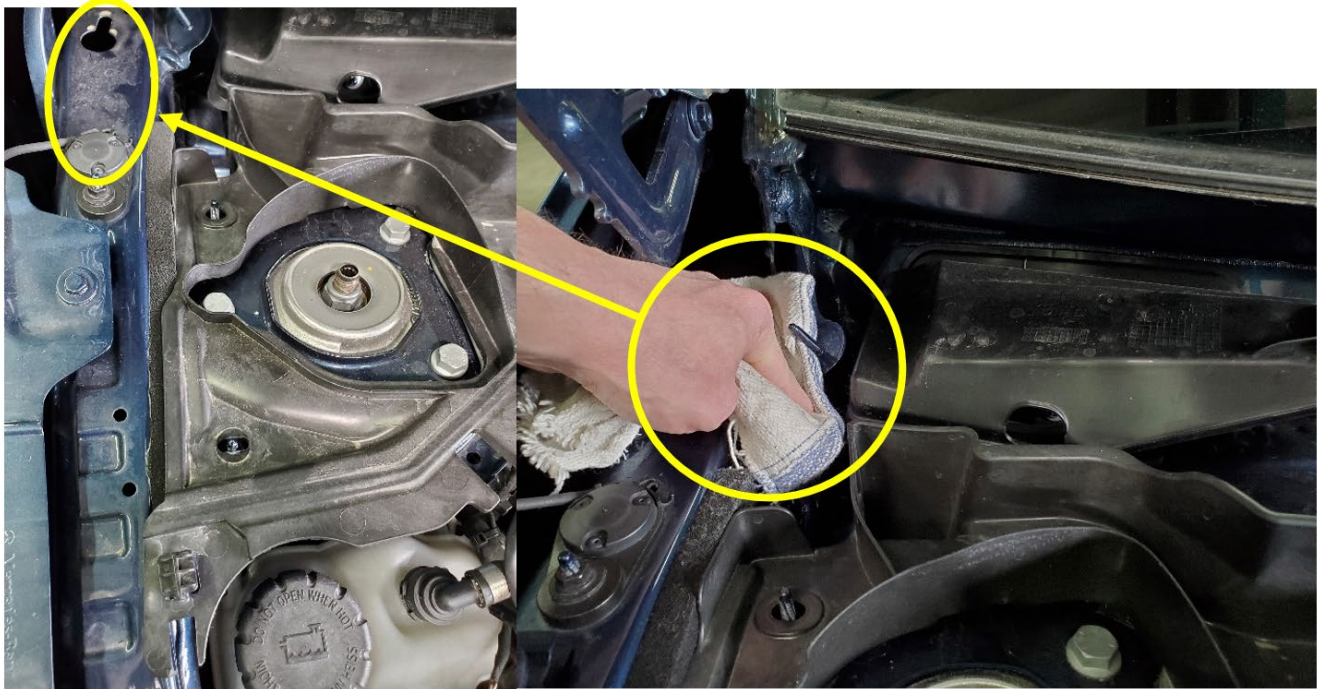
4- Fasten released part temporarily using cable tie to hood.



5- Thoroughly clean body between fender and wiper motor then mount the sealing frame (A 247 835 12 00) using the self-adhesive tape.



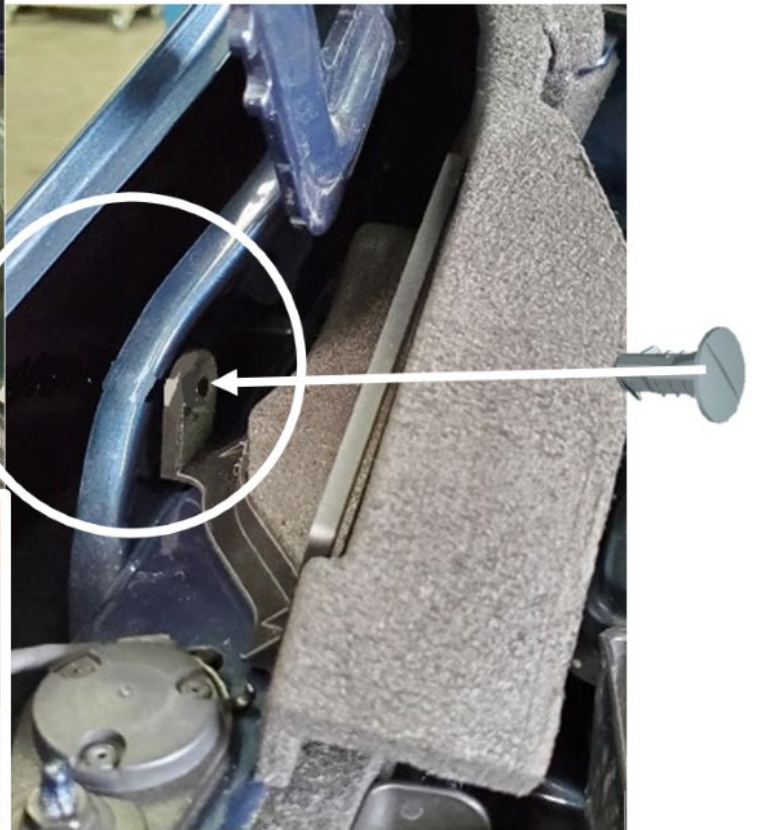
6- Cut cable tie and insert plastic part again. Then thoroughly clean the area behind the mounted sealing frame.



7- Open plastic cap on firewall then vacuum the filter using a vacuum cleaner. Then tighten the threaded connections again.



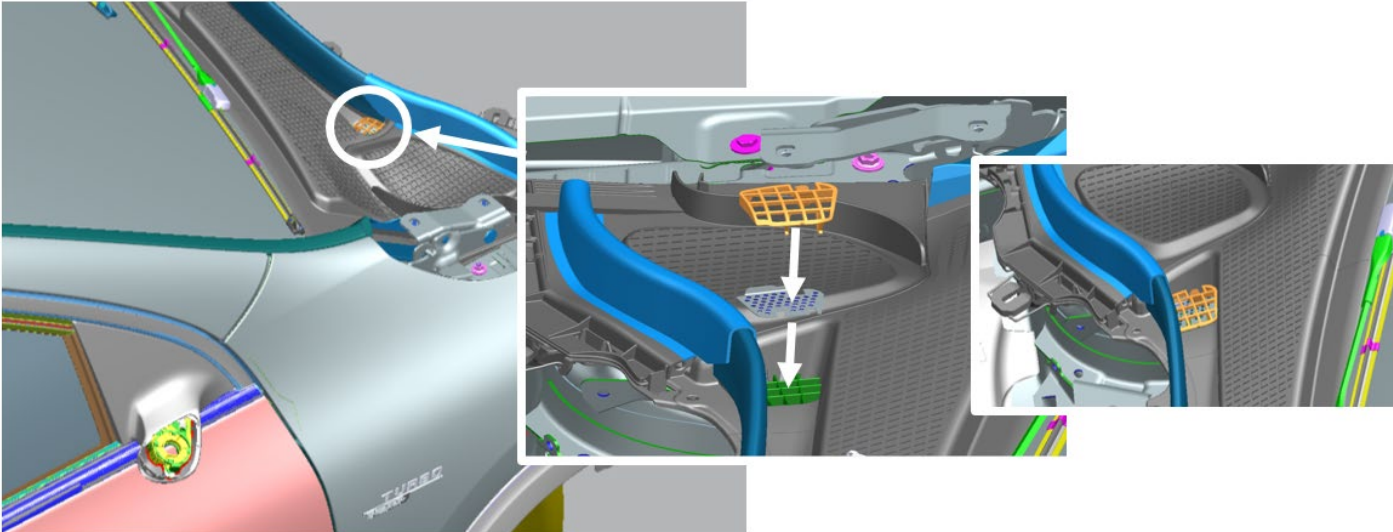
8- Finally, insert sealing frame (A 247 835 11 00) and attach to body-in-white using plug-in mounting (A 000 991 56 04)

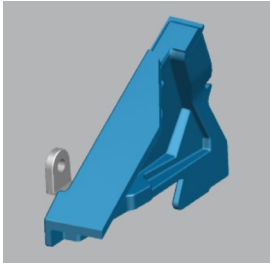

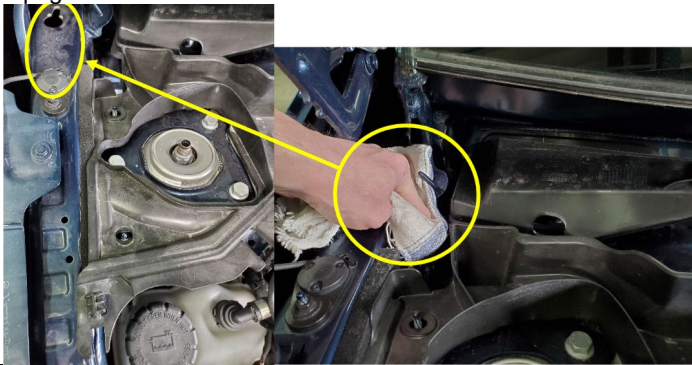
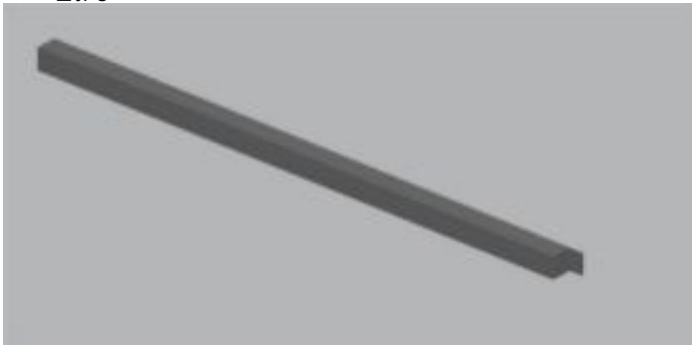


9 - Clean water drains.

10- Assemble in reverse order.

11- Place housing cover (A 247 830 95 03) and housing cover (A 247 830 63 03) on top of each other.



Attachments	
File	Description
1100.png 	
5.png 	
6.png 	
1200_.jpg 	

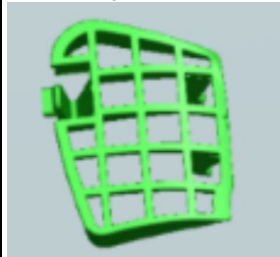
5604\_.png



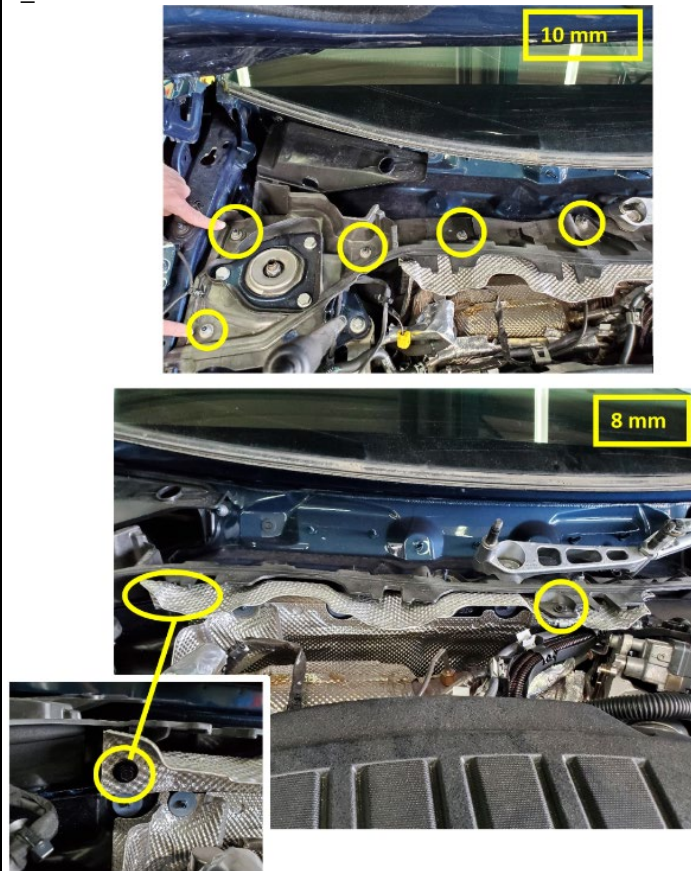
9503\_.png



6303\_.png



3\_.PNG



4\_.PNG



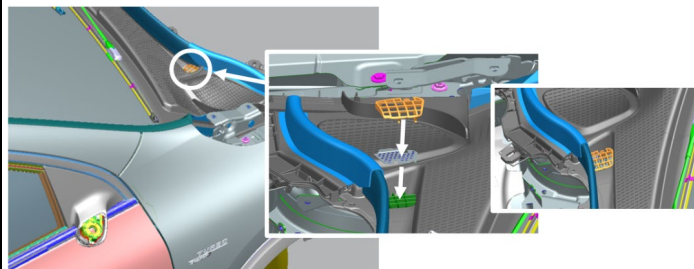
7\_.PNG



8\_.PNG



10.PNG



## Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2478351100			SEALING FRAME	1		X
A2478351200			SEALING FRAME	1		X
A2478309503			HOUSING COVER	1		X
A0009915604			CLIP FASTENER	1		X
A2478306303			HOUSING COVER	1		X

## Symptoms

Body > Air conditioning > Air conditioning > Noise

## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			8322136	Blower motor noise