

Noise From Fan Motor

Topic number	LI83.10-P-075602
Version	1
Function group	83.10 - Ventilation
Date	11/29/22
Validity	H243 left-hand drive vehicle, H247 left-hand drive vehicle
Reason for 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

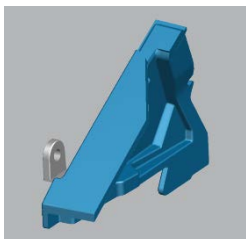
Remove any leaves/foreign objects from the blower and interior air filter (the blower does NOT need to be replaced). After this, more fine-grained grilles and sealing frames can be used that are better at filtering out leaves / foreign objects.

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)

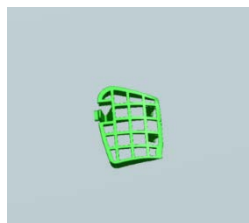


XENTRY TIPS

Housing cover (A 247 830 95 03)

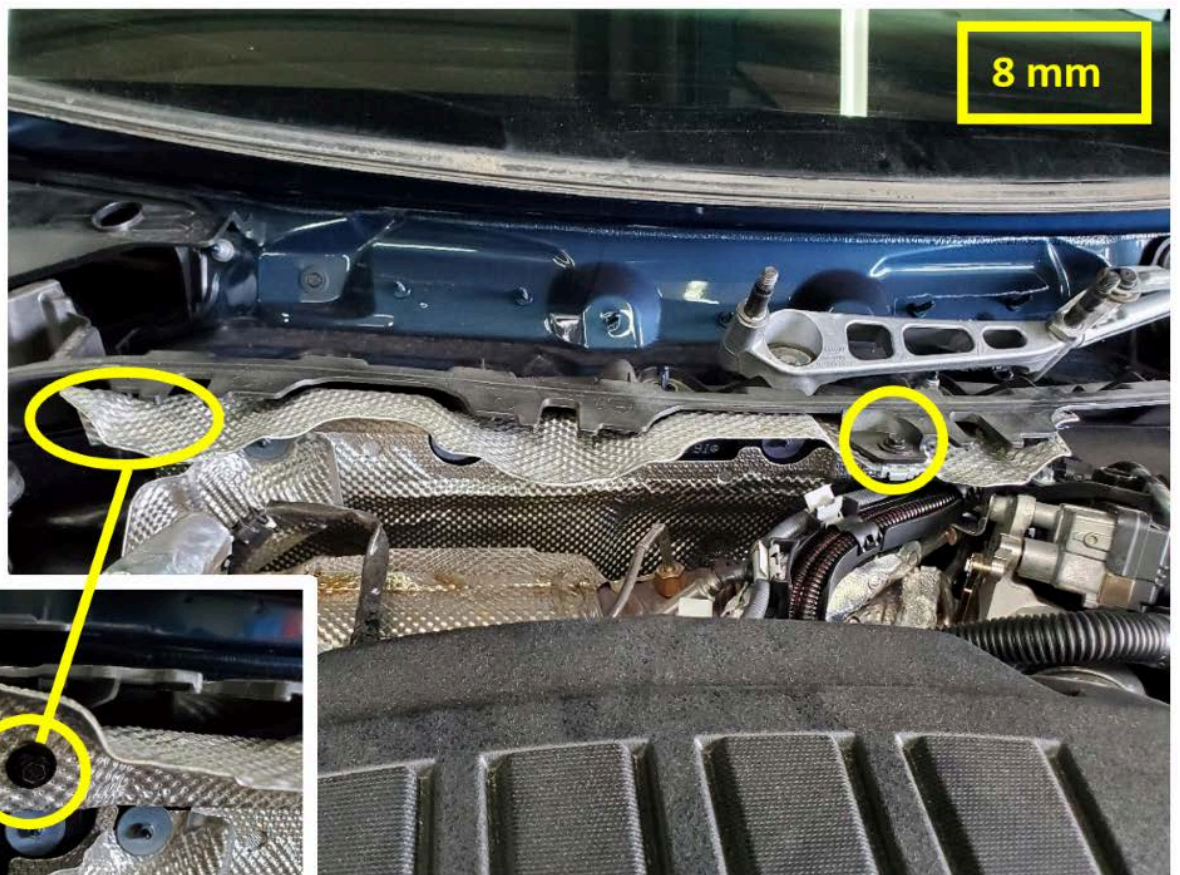
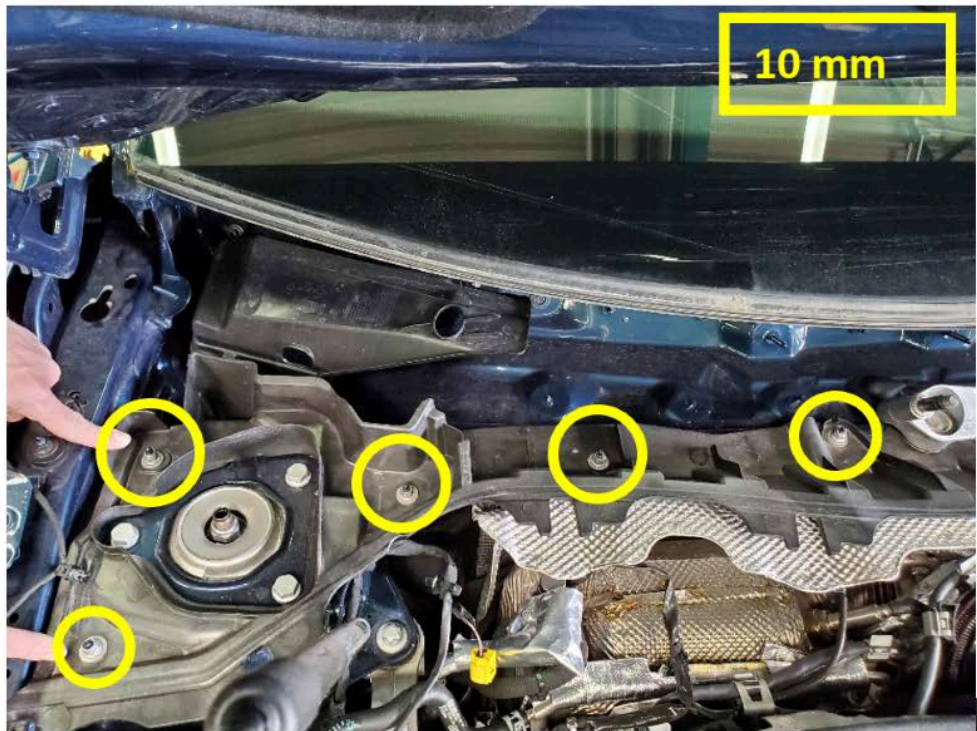


Housing cover (A 247 830 63 03)



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)

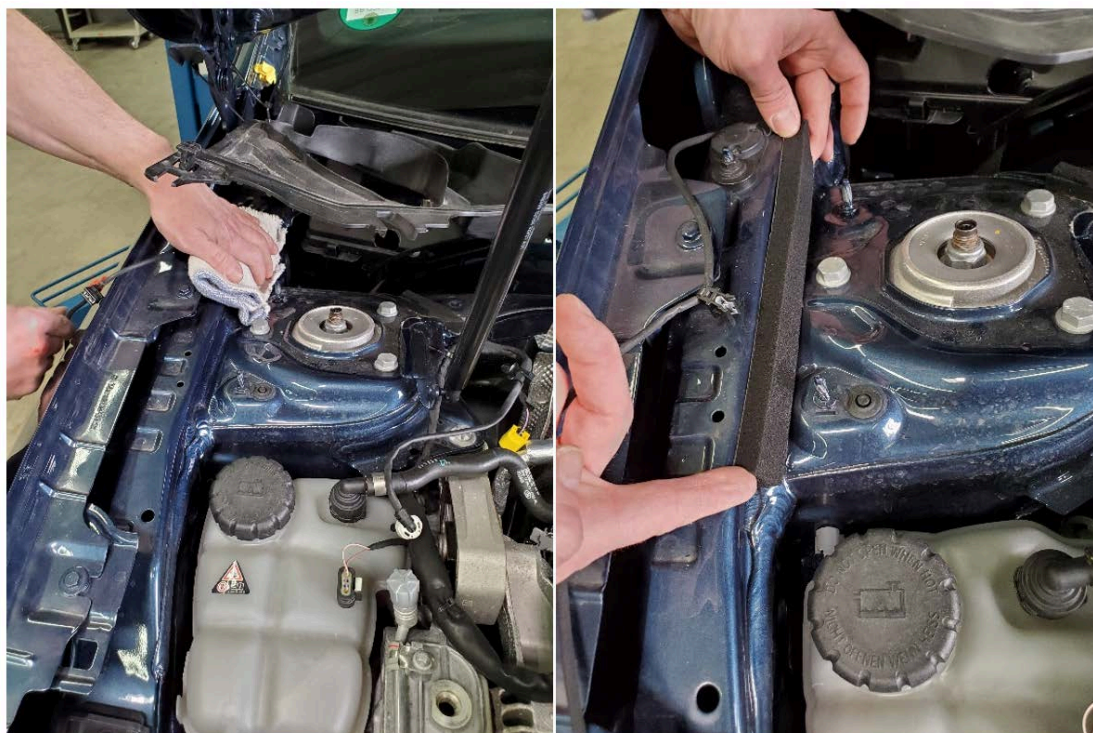


XENTRY TIPS

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

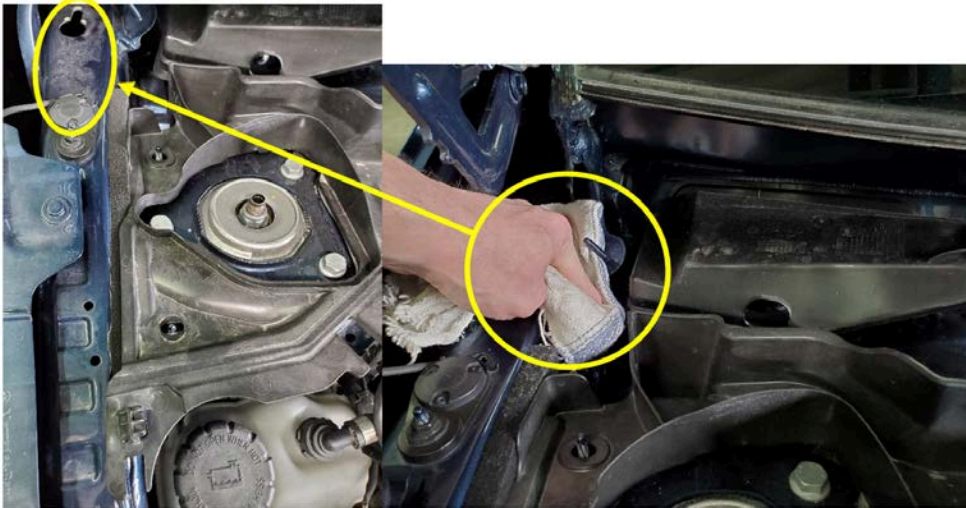


5- Thoroughly clean body between fender and wiper motor then mount the sealing frame (A 247 835 12 00) using the self-adhesive tape.



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

XENTRY TIPS

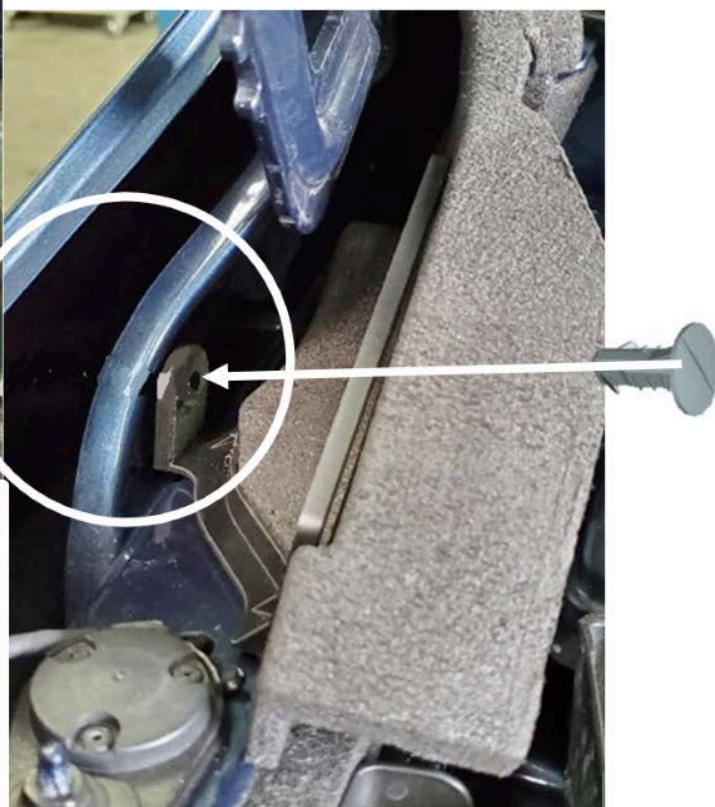
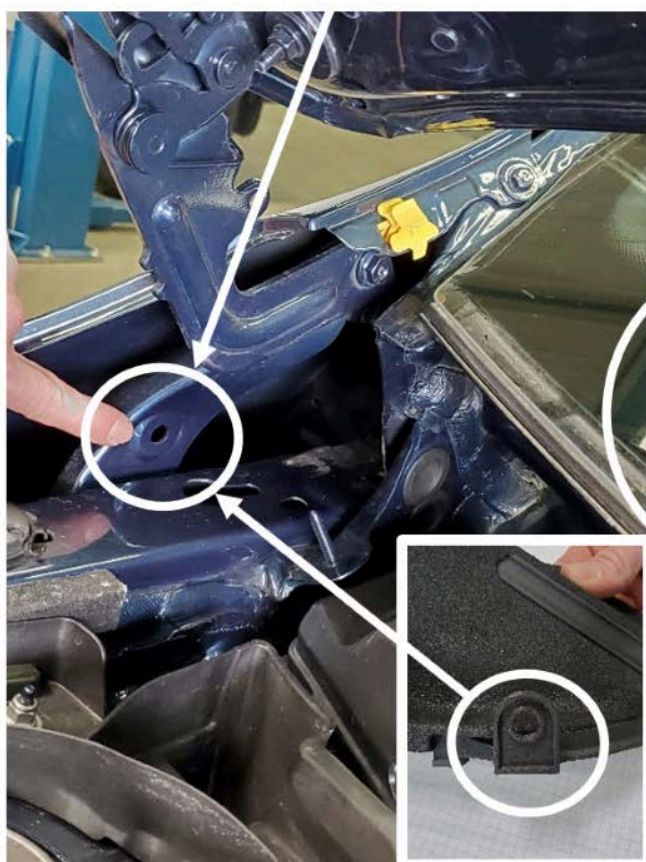


7- Open plastic cap on firewall then vacuum the filter using a vacuum cleaner. Then tighten the threaded connections again.



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)

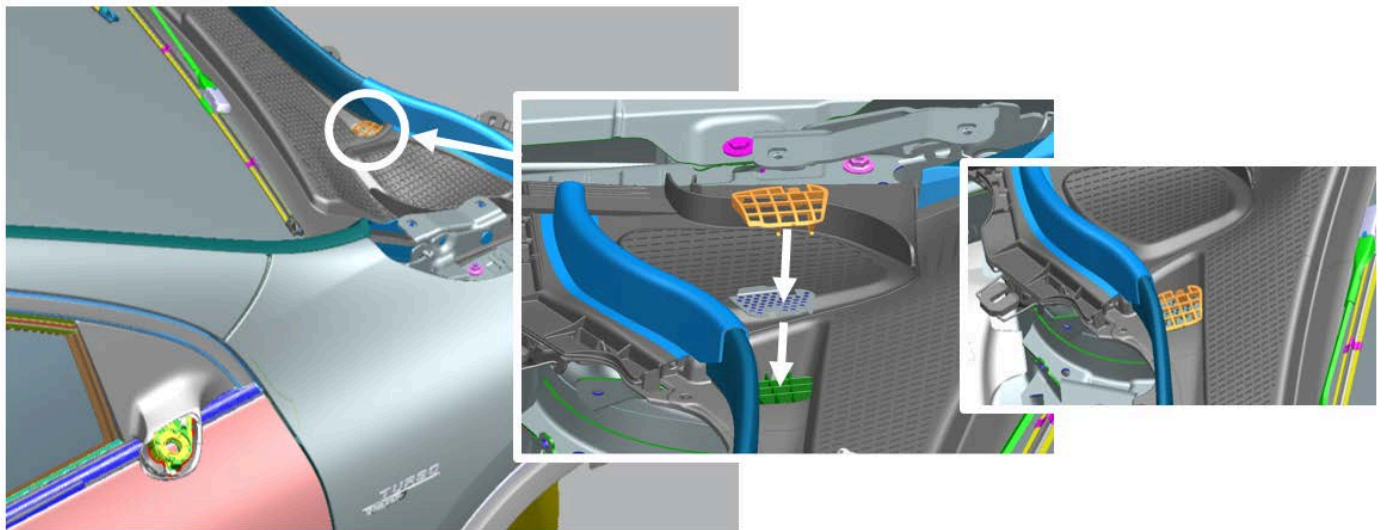
XENTRY TIPS



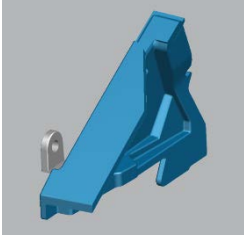



9- Assemble in reverse order.

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

XENTRY TIPS



XENTRY TIPS

Attachments	
File	Description
1100.png 	
5.PNG 	
6.PNG 	
1200_.jpg 	
5604_.png	

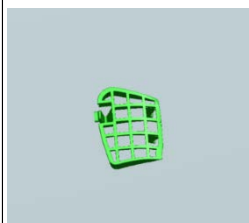
XENTRY TIPS



9503_.png

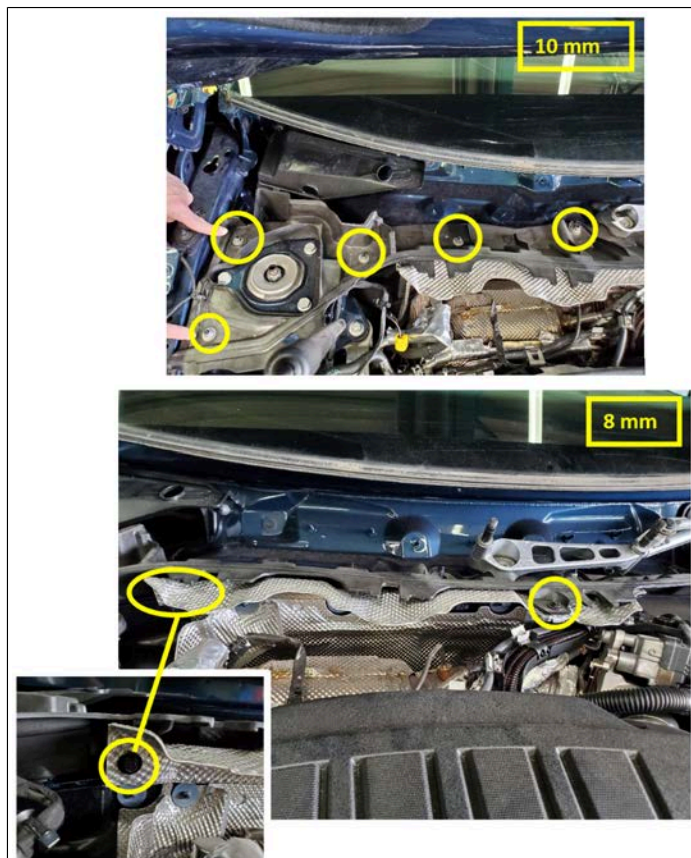


6303_.png



3_.PNG

XENTRY TIPS



4_.PNG

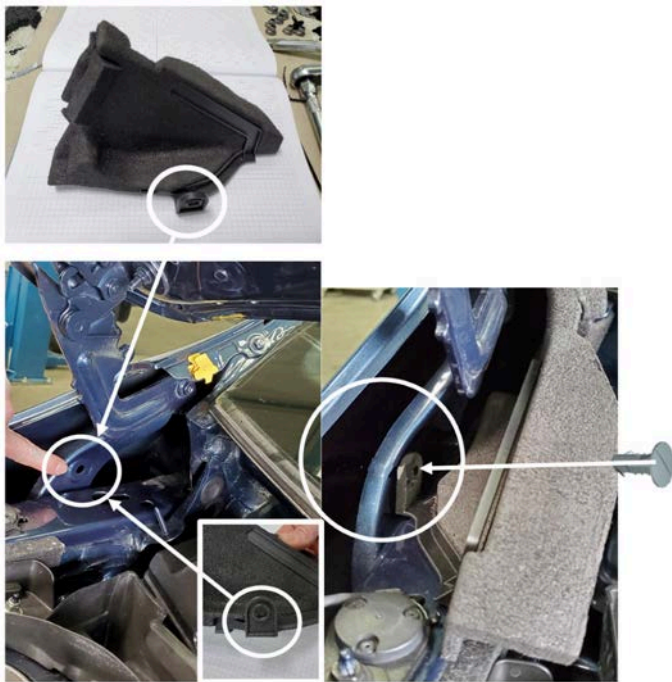


7_.PNG

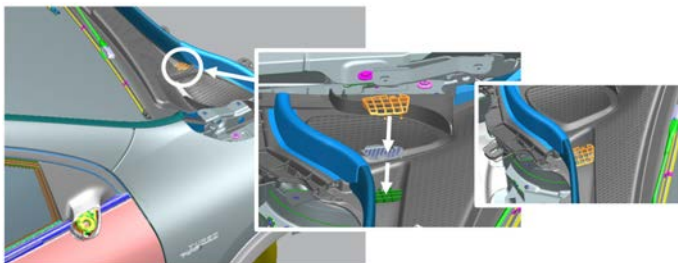
XENTRY TIPS



8.PNG



10.PNG



Symptoms

XENTRY TIPS

Body > Air conditioning > Air conditioning > Noise

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

Operation numbers/damage codes

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