

Engine Mount Noise During Load Change

Topic number	LI22.20-P-080897
Version	2
Function group	22.20 - Engine support
Date	8/12/26
Validity	C/V178 M252
Reason for change	part number

Complaint

Clacking and creaking noises from the engine compartment during load changes, especially when driving off after a cold start and at outside temperatures below 41°F.

Attachments	
File	Description
Medien1.mp4	Noises during load changes

Cause

Lower engine stabilizer mount A178 240 15 00 causes noise.

Attachments	
File	Description
Medien2.mov	Pendulum support noise, cold condition

Remedy

The problem is temperature-dependent and is no longer present after the vehicle has warmed up.

In escalation cases, remove the lower engine stabilizer mount A178 240 15 00 and replace it with the lower engine stabilizer mount A178 240 15 00 28.

Attachments	
File	Description
Medien3.mov	No noises when pendulum support warm

WIS-References		
Document number	Title	Note
AR22.10-P-1155CLA	Remove/install lower engine stabilizer mount	Apply remedy if the described problem can be reproduced.

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.

Symptoms
Chassis/suspension > Noises > Cracking
Power generation > Engine noise > Noise
Power transmission > Noises > Rattling
Power transmission > Noises > Throttle lift-off clunking noise

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A178 240 15 00 28			Engine Mount	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		AW	2420136	