



167 214 223 254 465 48V Compressor: Air Conditioning - Insufficient Cooling Output

Topic number	LI83.55-P-080937
Version	2
Function group	83.55 - A/C compressor
Date	9/1/26
Validity	167 214 223 254 465
Reason for change	Remedy update

Complaint

Customer states that the AC is not blowing cold air.

Attachments

File	Description
Compressor Figure 1 and Table 1.pdf	

Cause

Internal failure of the scroll wheel within the AC compressor.

Remedy

Check the compressor's index and part number Figure 1 against Table 1. If

listed please perform the following:



1. Replace the compressor, drier, and expansion valve using the applicable WIS instructions.
2. Flush the system using the applicable WIS instructions.

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

Body > Air conditioning > Air conditioning > Insufficient cooling output
