

No cooling output, compressor inoperative

Topic number	LI83.20-P-079559
Version	1
Function group	83.20 - Heating
Date	7/17/25
Validity	Valid for model series 213, 238, 257, 290 with 48 V refrigerant compressor
Reason for change	

Complaint

No cooling output, compressor inoperative

Cause

Currently under analyzed.

Remedy

Please create a TIPS case and provide the following information:

- Provide the refrigerant filling capacity
- Current actual values from XENTRY (compressor values)
- Has there previously been work on the refrigerant circuit in the vehicle?
- Check air conditioning system for leak tightness as per WIS
- Document results and possible leaks in TIPS case

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

XENTRY Tips

Body > Air conditioning > Air conditioning > Insufficient cooling output

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
		H	8350C	