

206 - Air conditioning system inoperative after pre-entry climate control is activated via Mercedes me connect App

Topic number	LI83.30-P-077969
Version	1
Function group	83.30 - Air conditioning
Date	6/17/24
Validity	BR206
Reason for change	

Complaint

When the pre-entry climate control was activated via Mercedes me connect App, the driver no longer had access to a cooling output for the vehicle interior once the vehicle had started.

Cause

If pre-entry climate control is activated, the engine fan should switch on to regulate corresponding temperature and pressure rises in the refrigerant circuit.

Since the engine fan is not switched on, high pressure (overpressure) can arise in the refrigerant circuit and consequently switch it off.

Remedy

Software update in drivetrain control unit (PTCU)

Should further complaints arise after the software update, please create a TIPS case with the following information:

- The customer complaint in detail
- Current quick test
- Refrigerant filling quantity
- Actual values for climate control at the time the complaint occurs
- High and low-pressure values at the time the complaint occurs

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

XENTRY Tips

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
Body > Air conditioning > Pre-entry climate control > Malfunction

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			830MP	