

## Engine fan after-run extended following PTCU software update

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Topic number	LI20.40-P-078593
Version	1
Function group	20.40 - Fan, fan clutch
Date	11/19/24
Validity	Passenger car with engine M256.9
Reason for change	

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### Complaint

Engine cooling fan running for an extended time after switching off vehicle.

### Cause

Optimized thermal management in latest PTCU software.

### Remedy

This is a normal function in the latest PTCU software. Engine fan will operate for up to 20 minutes after ignition is switched off.

Note: Repair work should only be performed if a clear malfunction is identified.

### 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				
Power generation > Engine cooling system > Engine fan > Runs permanently				
Power generation > Engine cooling system > Engine fan > Noise				
Power generation > Engine cooling system > Engine fan > Malfunction				
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note

