

MY19-22 463 with M176 - CEL - P030022 - Combustion misfiring has been detected. The signal amplitude is greater than the maximum amplitude.

Topic number	LI06.20-P-078392
Version	1
Function group	06.20 - Control units
Date	9/15/24
Validity	All M176 463 Vehicles (G550) from model year 2019 to 2022
Reason for change	

Complaint

Customer states check engine light is on.

Cause

Software needs to be updated.

Remedy

Please update the ME control unit software.

The new software should include 1779021216 and or 1769036201.

If neither of these numbers is present and an update is not available, check vedoc to see if the vehicle had one of these software numbers at one point.

Assess the vehicle after the flash and if the complaint is remedied, release the vehicle.

If the customer complaint is not remedied, process the vehicle via LI07.61-P-070707 and open a TIPS case with your findings.

If the vehicle is already at this software level or if software is not available and it never had it previously, process the vehicle via LI07.61-P-070707 and open a TIPS case with your findings.

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 management > Indicator lamp > Engine diagnosis > lit

Control unit/fault code	
Control unit	Fault text
N3/10 - Motor electronics 'MED1775' for combustion engine 'M176/M177' (ME) (MED1775)	P030022 - Combustion misfiring has been detected. The signal amplitude is greater than the maximum amplitude.

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