

223 S580 with M176 - CEL ON - DTC P061197 the control unit fuel injector has a malfunction (output stage fault of control unit 'combustion engine'). The system function is restricted.

Topic number	LI07.61-P-080241
Version	4
Function group	07.61 - ME fuel injection/ ignition system
Date	6/10/26
Validity	Model series 223 equipped with M176 engine
Reason for change	Remedy change

Complaint

CEL ON with DTC P061197 "The control unit 'fuel injector' has a malfunction (output stage fault of control unit 'combustion engine'). The system function is restricted." active and/or stored in the ME (N3/10). There are no drivability concerns related to the complaint.

Cause

ME (N3/10) software

Remedy

Updated ME (N3/10) software is available for affected models. Below are the remedy software object numbers for each affected variant:

MY24 - A1769037801

MY25 - A1769037901

MY26 - A1769038001

Once the ME software is updated: clear all DTCs, reset self adaptation of mixture, and perform an AMG adaptation drive.

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
Power generation > Engine management > Function > Malfunction

Control unit/fault code	
Control unit	Fault text
N3/10 - Motor electronics 'MRG1AMGV8' for combustion engine 'M177' (ME) (MRG1AMGV8)	P061197 - The control unit 'fuel injector' has a malfunction (output stage fault of control unit 'combustion engine'). The system function is restricted.

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