

Check engine light illuminates. No driveability complaint.
Fault codes U0115 and U0168 stored in ISA control unit

Topic number	LI15.40-P-073663
Version	4
Function group	15.40 - Generator
Date	7/2/24
Validity	Model year 2021 S580 and S580 Maybach
Reason for change	SW release

Complaint

Check engine light illuminates. No driveability complaint.

Fault codes U0115 and U0168 stored in ISA control unit

Cause

ISA control unit software

Remedy

Clear fault codes and perform a test drive. If fault does not return and no other symptoms present the vehicle can be returned to the owner.

These fault codes will not lead to driveability complaint. After 3 drive cycles the check engine light is turned off.

SW 20.B version includes solution for this complaint and has been released

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
N129 - Integrated starter alternator (ISA) (ISG48V2)	U016887 - Communication with the electronic ignition lock has a malfunction. The message is missing.
	U016800 - Communication with the electronic ignition lock has a malfunction. _
	U011587 - Communication with control unit 'Drivetrain' has a malfunction. The message is missing.
	U011500 - Communication with control unit 'Drivetrain' has a malfunction. _

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