

Check engine indicator light active and fault code P261029/P02FF85/P02FF02 stored in engine control unit

Topic number	LI54.30-P-070482
Version	2
Function group	54.30 Instrument cluster, display instruments, hazard warning device
Date	05-19-2020
Validity	Model series 205, 213, 238, 253, 257, 217, 222, 290 with code 464 Model series 463 with code J25
Reason for change	Validity updated
Reason for block	

Complaint:

The check engine indicator light in the instrument cluster may be illuminated with one of the following fault codes: P261029, P02FF85, or P02FF02 stored in the engine control unit (N3/10).

Cause:

The time in instrument cluster is implausible due to an internal reset.

Remedy:

Check for and perform any available software updates on the following control units:

- Motor electronics (N3/10)
- Powertrain control unit (N127)
- Instrument cluster (A1)

If no other complaints exist and all three control units have the latest software installed and the vehicle continues to set the DTC then please open a PTSS case with the following information:

- Control units logs for the ME, PTCU, and IC
- Initial quick test

Symptoms
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit
Communication/information / Information display / Displays / Multifunction display / Multifunction display, error messages / Implausible messages despite properly functioning message systems
Communication/information / Information display / Indicator lamp / lit
Communication/information / Information display / Displays / Multifunction display / Multifunction display, error messages / Due to faulty reporting system
Communication/information / Information display / Displays / Multifunction display / Multifunction display, menu / Faulty display

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
A1 - Instrument cluster (IC) (IC172) (G (463))	-	-
A1 - Instrument cluster (IC) (IC197) (G (463))	-	-
A1 - Instrument cluster (IC) (IC213)	-	-
A1 - Instrument cluster (IC) (IC222) (GLC (253),S (217),S (222),C (205))	-	-
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (GLC (253),G (463),E (213),S (222),CLS (257),C (205),E (238))	P02FF85	Frequency counter 'Downtime of drivetrain' has a malfunction. There is a signal above the permissible limit value.
N3/10 - Motor electronics 'MED40' for combustion engine 'M274' (ME) (GLC (253),E (213),CLS (257),C (205),E (238))	P02FF85	Frequency counter 'Downtime of drivetrain' has a malfunction. There is a signal above the permissible limit value.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (GLC (253),G (463),E (213),S (222),CLS (257),C (205),E (238))	P261029	The engine off time has an implausible value. There is an invalid signal.
N3/10 - Motor electronics 'MED177' for combustion engine 'M276' (ME) (GLC (253),G (463),S (217),S (222),C (205))	P261029	The engine off time has an implausible value. There is an invalid signal.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (GLC (253),G (463),E (213),S (222),CLS (257),C (205),E (238))	P02FF02	Frequency counter 'Downtime of drivetrain' has a malfunction. There is a general signal fault.
N3/10 - Motor electronics 'MRG1' for combustion engine 'M256' (ME) (E (213),X 290 AMG,S (217),S (222),CLS (257),C (205),E (238))	P02FF85	The engine off time has an implausible value. There is a signal above the permissible limit value.
N3/10 - Motor electronics 'MRG1' for combustion engine 'M256' (ME) (E (213),X 290 AMG,S (217),S (222),CLS (257),C (205),E (238))	P02FF02	The engine off time has an implausible value. There is a general signal fault.
N3/10 - Motor electronics 'ME1778' for combustion engine 'M277' (ME) (G (463),S (217),S (222))	P261029	The engine off time has an implausible value. There is an invalid signal.
N3/10 - Motor electronics 'MED40' for combustion engine	P261029	The engine off time has an implausible value. There is an invalid signal.

XENTRY TIPS

ne 'M274' (ME) (GLC (253), E (213),CLS (257),C (205),E (238))		
N3/10 - Motor electronics 'ME-D177V6LA' for combustion engine 'M276 Abgasturbolader' (ME) (GLC (253),E (213),S (217),S (222),CLS (257),C (205),E (238))	P261029	The engine off time has an implausible value. There is an invalid signal.