

Model series 205/253 without code 464: Time/date and trip computer reset and/or check engine light in instrument cluster with engine off time DTC in ME

Topic number	LI54.30-P-069456
Version	7
Function group	54.30 Instrument cluster, display instruments, hazard warning device
Date	07-10-2020
Validity	Model series 205 and 253 without code 464
Reason for change	Remedy for 253 hybrid edited
Reason for block	

Complaint:

The following complaints may be noted:

- The time/date and trip computer may reset automatically and without obvious cause (Note: On vehicles equipped with navigation, following a reset, the instrument cluster time/date will re-sync with the head unit and correct itself)
- The check engine light may be present or may have been present in the instrument cluster with DTC P261029, P02FF02, or P02FF85 stored in the engine control unit (N3/10, see attachment for example).

Attachments	
File	Description
P261029 DTC.JPG	P261029 DTC example

Cause:

Hardware or software in the Entry instrument cluster (vehicle without code 464)

Remedy:

Pre-facelift vehicles: BR205 up to and including code 808, BR253 up to and including code 809 (not code 800)

- For 205/253 non-AMG variants, Entry instrument cluster, please perform a software update (E20.3) of the instrument cluster control unit (A1).
- For 205/253 AMG variants Entry instrument cluster (with AMG logo), replace the instrument cluster (A1).
- For 253 Hybrid variants, Entry instrument cluster, perform a software update of the instrument cluster control unit (A1)

Note: If no other DTCs are present and there are no additional complaints the DTC referenced can then be cleared and the vehicle can be released to the customer until the part arrives

Facelift vehicles: BR205 as of code 809, BR253 as of code 800

XENTRY TIPS

- For 205/253 non-AMG variants, Entry instrument cluster:

205: Please perform a software update (E38.4) of instrument cluster control unit (A1).

253: Please perform a software update (E44.4 or E47.0, software object numbers A2059022029 or A2059022329) of instrument cluster control unit (A1).

- For 205/253 AMG variants, Entry instrument cluster (only with AMG logo):

205: Perform a software update (E38.1) of instrument cluster control unit (A1).

253: Perform a software update (E44.0) of instrument cluster control unit (A1).

If the complaint continues to occur after the above corresponding remedy is applied then please open a PTSS case with the following information:

- Initial quick test
- IC, ME, and PTCU control unit logs
- Currently installed instrument cluster (A1) part number

Symptoms
Communication/information / Information display / Trip computer / Malfunction
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit
Communication/information / Information display / Displays / Clock / Malfunction
Communication/information / Information display / Displays / Multifunction display / Multifunction display, menu / Menu items missing
Communication/information / Information display / Displays / Multifunction display / Multifunction display, menu / Incomplete display
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 / Indicator lamp / Flickers/pulsates
Communication/information / Information display / Trip computer / Average speed is imprecisely/incorrectly displayed
Communication/information / Information display / Trip computer / Driving time is imprecisely/incorrectly displayed
Communication/information / Information display / Displays / Multifunction display / Multifunction display, menu / Faulty display

Control unit/fault code		
Control unit	Fault code	Fault text
A1 - Instrument cluster (IC) (IC222)	-	-
N3/10 - Motor electronics 'MED177' for combustion engine 'M276' (ME)	P261029	The engine off time has an implausible value. There is an invalid signal.

XENTRY TIPS

N3/10 - Motor electronics 'MED1775' for combustion engine 'M177' (ME)	P261029	The engine off time has an implausible value. There is an invalid signal.
N3/10 - Motor electronics 'MED177V6LA' for combustion engine 'M276 Abgasturbolader' (ME)	P261029	The engine off time has an implausible value. There is an invalid signal.
N3/10 - Motor electronics 'MED40' for combustion engine 'M274' (ME)	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)	P02FF02	Frequency counter 'Downtime of drivetrain' has a malfunction. There is a general signal fault.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME)	P02FF85	Frequency counter 'Downtime of drivetrain' has a malfunction. There is a signal above the permissible limit value.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			5422A 50	

Attachments

P261029 DTC.JPG:

N3/10 - Motor electronics 'MED40' for combustion engine 'M274' (ME)				-f-
MB object number for hardware	274 901 12 00	MB object number for software	274 902 30 01	
MB object number for software	274 903 21 04	MB object number for software (boot)	270 904 07 00	
Diagnosis identifier	02396C	Hardware version	12/12 000	
Software version	18/23 000	Software version	18/23 000	
Boot software version	12/11 000	Boot software version	12/11 000	
Hardware supplier	Bosch	Software supplier	Bosch	
Software supplier	Bosch	Boot software supplier	Bosch	
Control unit variant	MED40_VC15			
Fault	Text			Status
P261029	The engine off time has an implausible value. There is an invalid signal.			S

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