

## Check engine light on and FC P146364 stored in engine and fuel pump control units

Topic number	LI47.20-P-071172
Version	2
Function group	47.20 - Fuel pump, filter
Date	4/23/24
Validity	MY19-20 A-Class (177) MY20 CLA-Class (118) MY21 GLA-Class (H247) MY20-21 GLB-Class (X247) MY20-21 GLE/GLS-Class (167)
Reason for change	Remedy updated with software solution

### Complaint

Check engine light active and FC P146364 Temp. and pressure sensor B4/7 is stored in Engine control unit and Fuel pump control unit.

### Cause

Software parameter in Fuel pump control unit.

### Remedy

Perform software update for Fuel System Control Module (FSCM) N118.

New software is A0009026661.

<b>Symptoms</b>
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit

<b>Control unit/fault code</b>	
Control unit	Fault text
N3/10 - Motor electronics 'MRG1' for combustion engine 'M256' (ME) (MRG1)	P146364 - This error code can be ignored and erased.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (MED41)	P146364 - Sensor 'Low fuel pressure and fuel temperature' has a malfunction during calculation of the fuel pressure. There is an implausible signal.

# XENTRY Tips

N3/10 - Motor electronics 'MED1775' for combustion engine 'M176/M177/M178' (ME) (MED1775)	P146364 - Sensor 'Low fuel pressure and fuel temperature' has a malfunction during calculation of the fuel pressure. There is an implausible signal.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (MED41)	P146364 - Sensor 'Low fuel pressure and fuel temperature' has a malfunction during calculation of the fuel pressure. There is an implausible signal.
N118 - Control unit 'Fuel pump' (FSCU09) (FSCM_GEN5)	P146364 - Component 'Combined sensor for low fuel pressure and fuel temperature' has a plausibility error.
N3/10 - Motor electronics 'MED41' for combustion engine 'M260/M264' (ME) (MED41)	P146364 - Sensor 'Low fuel pressure and fuel temperature' has a malfunction during calculation of the fuel pressure. There is an implausible signal.
N118 - Control unit 'Fuel pump' (FSCU09) (FSCM_GEN5)	P146364 - Component 'Combined sensor for low fuel pressure and fuel temperature' has a plausibility error.

## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note