

## Check engine light on and FC P146264 stored in engine and fuel pump control units

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| Topic number      | LI47.50-N-072080   |
| Version           | 4  |
| Function group    | 47.50 - Sender, feeler, sensors                                    |
| Date              | 5/7/26   |
| Validity          | 447 and 907 with engine M274 and fuel pump control unit FSCM Gen_5 |
| Reason for change | Software solution available, model 447 added to validity           |

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### Complaint

Check engine light active and FC P146264 Temp. and pressure sensor B4/15 is stored in Engine control unit and Fuel pump control unit.

### Cause

Software parameter in Fuel pump control unit.

### Remedy

Update fuel pump control unit (FSCU) to software version A0009024488 A0009030664.

Clear fault codes and check for any additional symptoms.

### 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.

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

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| <b>Control unit/fault code</b> |
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# XENTRY Tips

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| Control unit  | Fault text   |
|---|--|
| N118/9 - Control unit 'Fuel pump' (FSCU) (FSCM_GEN5)                        | P146264 - The sensor 'Low fuel pressure and fuel temperature' has a malfunction. There is an implausible signal. |
| N3/34 - Motor electronics 'MED40' for combustion engine 'M274' (ME) (MED40) | P146264 - The sensor 'Low fuel pressure and fuel temperature' has a malfunction. There is an implausible signal. |

## Operation numbers/damage codes

| Op. no. | Operation text | Time | Damage code | Note |
|---------|----------------|------|-------------|------|
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