

GHG17 Heavy Duty Engine Platform Vehicle Dash Oil Pressure Gauge

54-065

Constellation
Heritage
> 4700 Models

> 4800 Models
> 4900 Models
> 5700 Models

> 5900 Models
> 6900 Models

**Western Star
Service Bulletin**

Description of Revisions: *This bulletin replaces the version dated 3/14/2017. MCM software 6.5.03 is now available, which resolves the issue of inaccurate oil pressure readings on the dash oil pressure gauge.*

Vehicles equipped with DD13, DD15, and DD16 engines, and running 2017 motor control module (MCM) software version 6.5.0.2, may exhibit inaccurate oil pressure readings on the dash oil pressure gauge. The gauge may read approximately 12.2 psi (84 kPa) higher than normal, even with the ignition on and the engine off. The gauge may also experience greater fluctuations than normal while the engine is operating.

The cause is the J1939 datalink transmitting an unfiltered oil pressure value and lacking barometric pressure compensation.

New MCM software 6.5.0.3 with fuel map version ZGS 002 (or higher), has been released for service and will address the issue.

After programming the MCM, the CPC, ACM, and TCM may need to be updated for compatibility to the following software versions:

- **CPC** – R38_01_000A (or higher)
- **ACM** – 7.57.4.0 ZGS 002 (or higher)
- **TCM** – NAMT117700 (or higher)

Contact the Detroit™ Customer Support Center at 800-445-1980 or csc@daimler.com for more information.

Warranty

Normal warranty applies. See [Table 1](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

| OWL VMRS Codes and Labor Allowance | | | | | |
|------------------------------------|----------------|------------|-----------|---|-------------|
| Primary Failed Part | Component Code | Cause Code | SRT Code | Description | Time: Hours |
| Motor Control Module (MCM) | 044-003-286 | 93 | 101-5060A | SOFTWARE, MCM, REPROGRAM | 0.3 hrs |
| | | | 101-5060B | SOFTWARE, MCM, CPC OR ACM, REPROGRAM | 0.4 hrs |
| | | | 101-5060C | SOFTWARE, MCM, CPC, AND ACM, REPROGRAM | 0.6 hrs |
| | | | 101-5060D | SOFTWARE, MCM, CPC, ACM, AND TCM, REPROGRAM | 0.7 hrs |

Table 1, OWL VMRS Codes and Labor Allowance