

# FIELD SERVICE CAMPAIGN BULLETIN

Subject: **Field Service Campaign 17M1**  
**GHG17 DD15 Model Year 2016 Diesel Particulate Filter (DPF)**

## **Issue Involved**

Detroit Diesel Corporation (DDC) has determined that some certified Model Year 2016 GHG17 DD15 engines will require reprogramming to a minimum of the software and fuel map version listed below.

- MCM software 6.5.0.2 with fuel map version ZGS 003
- ACM software 7.57.2.0 with fuel map version ZGS 002
- CPC software R38\_00\_000A
- TCM software NAMT117700 (if equipped with a DT12™ transmission)

The software and fuel maps became effective with vehicles manufactured after approximately December 19, 2016. Any model year 2015 or 2016 vehicle manufactured between May 1, 2015, and December 19, 2016, and running older software and fuel maps may need the modules reprogrammed. Note that some trucks may already have been reprogrammed and will be excluded from this program.

Note that the currently available software and fuel map levels may be higher than the minimum levels shown above. A new software package for 2017 was released in December, 2016. Due to compatibility issues, this will require programming of the MCM, ACM, CPC, and TCM (if equipped with a DT12™ transmission).

Reprogramming may prevent fault code SPN: 3247, FMI: 0 – DPF Outlet Temperature Very High.

There are approximately 10,652 engines affected by this Field Service Campaign.

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**Engines Involved**

A list of engines located in your area of responsibility that require this correction is attached.

The table below gives descriptive information to help identify the affected units:

<b>Model Series</b>	<b>Model Number</b>	<b>Model Year</b>	<b>Inclusive Vehicle Mfg. Date (From) (To)</b>	<b>Descriptive Information</b>
DD15	D472910	2016	May 1, 2015 to December 19, 2016	All applications

**Owner Notification**

Detroit Diesel will notify owners of equipment incorporating engines identified with this Field Service Campaign. A copy of the owner letter that will be used by Detroit Diesel is enclosed with this Field Service Campaign bulletin.

**Distributor / Dealer Campaign Responsibility**

Detroit Diesel repair facilities are to service all engines subject to this Field Service Campaign. Field Service Campaign 17M1 is to be performed at no charge to owners on all affected engines under the engine warranty. Please use the appropriate steps, noted below, for indicating that Field Service Campaign 17M1 has been completed.

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### Daimler Trucks North America Vehicles

- Check the base label (**Form WAR259**) to see if **Field Service Campaign 17M1** has been completed. The base label is usually located on the passenger-side door about 30 cm (12 inches) below the door latch. If **Field Service Campaign 17M1** has been completed, no further work is needed. If base label is not located on the passenger-side door, please affix label (**Form WAR259**) 30 cm (12 inches) from the door latch.
- Upon completion of **Field Service Campaign 17M1**, clean a spot on the base label (**Form WAR259**), write the Field Service Campaign Number (**17M1**) on a blank, black completion sticker (**Form WAR261**), and attach it to the base label.

### Ordering Information

1. If you do not have the appropriate Form or Labels (DDC\_WAR 259, DDC\_WAR 260, DDC\_WAR 261), they can be ordered from **RR Donnelly** by going to **www.DDCSN.com** and clicking on Literature / Ordering Literature.
2. You can also fax in your order to **(800) 773-1430 – ATTN: Jacqueline**
3. Contact **RR Donnelly** at **(800) 280-4520**.

### Parts Information

There are **no parts** required for this Field Service Campaign.

### Corrective Procedure

1. Apply the parking brake, chock the wheels, and perform any other applicable safety steps.
2. You **MUST** use DiagnosticLink® Professional 8.05 with Service Pack 1 (*or higher*) when reprogramming. **REFERENCE** Detroit™ Customer Service Announcement letter 17 CSA-2 for more information on DiagnosticLink® 8.05 with Service Pack 1.

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3. Begin the process by connecting DiagnosticLink® to the vehicle. You must use the green 9-pin diagnostic connector. **REFERENCE** Detroit™ Tool Letter 15 TL-21. Make sure that all the modules (ACM, CPC, MCM, and if applicable, the TCM) are connected.

**NOTICE:**

**BEFORE** you begin reprogramming, make sure the VIN is correct in all modules (ACM, CPC, MCM, and if applicable, the TCM). If the VIN is not correct in all modules, you will get an error message when attempting to reprogram.

4. Make sure the VIN is correct in all modules (ACM, CPC, MCM, and if applicable, the TCM) by looking at the “Identification” screen in DiagnosticLink®. If the VIN is not correct in all modules, you can correct the VIN under the Actions drop-down menu in DiagnosticLink® by selecting the “Check VIN Synchronization” item. Select “Start” from this panel and follow the prompts. You will be prompted to cycle the key until the routine has completed. When synchronization is complete, turn the key back on and continue with the download process.

5. On the Identification screen, check the current MCM, ACM, CPC, and if applicable the TCM, software and fuel map level. Listed below are the **MINIMUM** levels required. See Figure 1 for an example of the Identification screen for the MCM and ACM.
  - a. MCM with **6.5.0.2** software and fuel map version **ZGS 003**
  - b. ACM with **7.57.2.0** software and fuel map version **ZGS 002**
  - c. CPC with **R38 00 000A** software
  - d. If applicable, TCM with **NAMT117700** software

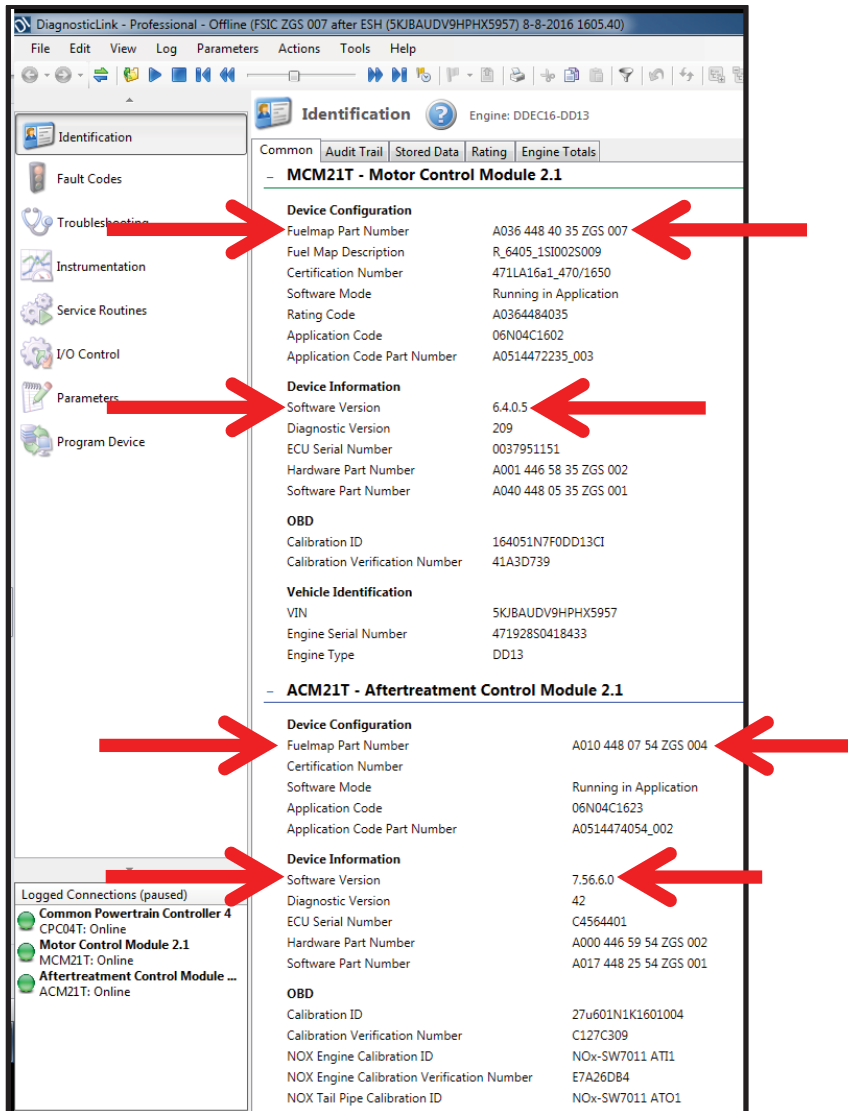


Figure 1 – DiagnosticLink® Identification Screen

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6. Are the software and fuel map levels for the MCM, ACM, CPC, and if applicable the TCM, equal to or higher than the levels listed in step 5? All modules must meet the **MINIMUM** requirements.
  - a. If Yes, then no programming is necessary. Proceed to step 12.
  - a. If No, then proceed to step 7.
7. Select the “Program Device” option along the left side of the DiagnosticLink® screen.
8. Select the “Add” button in the upper right corner of the DiagnosticLink® screen and enter the engine serial number. Then click the “Connect to Server” button in the bottom right corner of the DiagnosticLink® screen. See Figure 2.

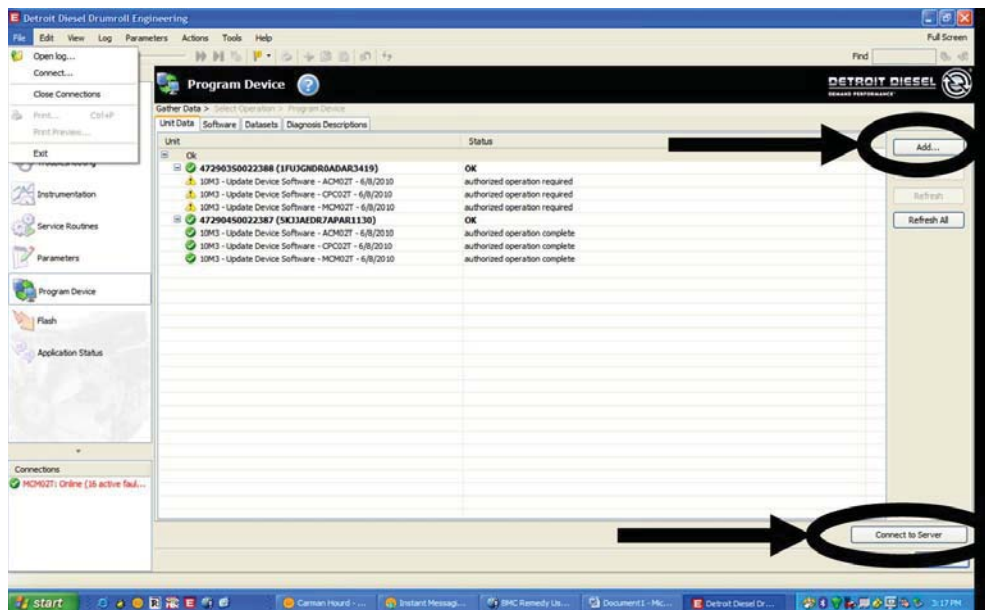


Figure 2 – Adding Engine Serial Number And Connecting To Server

9. Program the MCM, ACM, CPC, and if applicable, the TCM, based on the engine serial number listing included with this Field Service Campaign. If programming the TCM, **REFERENCE** Detroit™ Technical Service Letter 17 TS-5.

- 10.** When programming is complete, click the “Finish” button and perform the following to allow the modules to synchronize with each other:
- a) Turn the vehicle ignition OFF, disconnect the USB Link at either the computer port or vehicle diagnostic port, and wait one minute.
  - b) Turn the vehicle ignition ON and wait one minute.
  - c) Turn the vehicle ignition OFF and wait one minute.
  - d) Turn the vehicle ignition ON and wait one minute.
  - e) Reconnect the USB Link, reconnect DiagnosticLink® to the MCM, ACM, CPC, and if applicable the TCM, and confirm the proper software and fuel map levels.

<b>NOTICE:</b>
<b>CHECK</b> with the customer to see if Auto Elevate can be enabled. Auto Elevate can prevent Aftertreatment System (ATS) issues.

- 11.** Ask the customer if they would like Auto Elevate activated. **REFERENCE** Detroit™ Technical Service letter 16 TS-18 for full details on Auto Elevate.

- 12.** Repairs are complete.

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<b>Notice</b>	
Claim administration time, SRT 939-6010A, for 0.3 hours will automatically be added. No additional operation is required or will be allowed	

**Warranty Information**

<b>Claim Type:</b>	<b>01</b>
<b>Modification</b>	<b>17M1</b>
<b>Fault Type:</b>	<b>ZZ</b>
<b>Primary Failed Part:</b>	<b>REPROGRAM MCM</b>
<b>Labor Code:</b>	<b>996-17M1A No Programming Required</b>
<b>Labor:</b>	<b>0.1 Hours</b>
<b>Labor Code:</b>	<b>996-17M1B Reprogram MCM, ACM, CPC</b>
<b>Labor:</b>	<b>0.5 Hours</b>
<b>Labor Code:</b>	<b>996-17M1C Reprogram MCM, ACM, CPC, and TCM</b>
<b>Labor:</b>	<b>0.7 Hours</b>
<b>Parts Return:</b>	<b>NONE</b>

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email [csc@daimler.com](mailto:csc@daimler.com) if you have any questions.

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**BULLETIN**