

# EMISSION RECALL BULLETIN

Subject: **Emission Recall D19R2**  
**GHG17 MDEG Platform DD8 – Software Reprogramming For California Inspection and Maintenance**

## **Issue Involved**

Detroit Diesel Corporation (DDC) has determined that some certified GHG17 Detroit™ DD8® engines registered in California will require reprogramming to a **minimum** of the software and fuel map version listed below.

- MCM software 12.2.2.2 with fuel map version ZGS 001
- ACM software 13.54.2.0 with fuel map version ZGS 001
- CPC software R42\_00\_000A

Note that the currently available software and fuel map levels may be higher than the minimum levels shown above.

**California regulations require that inspectors have the ability to view Engine Serial Number (ESN) using a generic scan tool. The California Air Resources Board (CARB) describes this feature as critical to the execution of their inspection and maintenance program. There was a programming error that prevented viewing the ESN with a generic scan tool. Reprogramming will correctly enable this feature.**

There are approximately 111 engines affected by this Emission Recall.

## **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>
DD8	D936913	2018	January - December 2018	All applications
DD8	D936917	2018	January - December 2018	All applications

## **Emission Recall Bulletin D19R2**

Page Two

### **Owner Notification**

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

### **Distributor / Dealer Campaign Responsibility**

Detroit Diesel repair facilities are to service all engines subject to this Emission Recall. Emission Recall D19R2 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 Emission Recall D19R2 has been completed.

### **Daimler Trucks North America Vehicles**

- Check the base label (**Form WAR259**) to see if **Emission Recall D19R2** has been completed. The base label is usually located on the passenger-side door about 30 cm (12 inches) below the door latch. If **Emission Recall D19R2** 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 **Emission Recall D19R2**, clean a spot on the base label (**Form WAR259**), write the Emission Recall Number (**D19R2**) 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 **EPI Printers** by [emailing your order to ddc@epiinc.com](mailto:ddc@epiinc.com).
2. You can also fax in your order to **269-698-4240 Attn: Corrina Cotton**
3. Contact **EPI at 734-464-9000**.

### **Parts Information**

There are **no parts** required for this Emission Recall.

### Corrective Procedure

1. Apply the parking brake, chock the wheels, and perform any other applicable safety steps.
2. You **MUST** use DiagnosticLink® Professional 8.09 with Service Pack 2 (*or higher*) when reprogramming. **REFERENCE** DTNACconnect “My Communications” notice dated 04/15/19 for more information on DiagnosticLink® 8.09 with Service Pack 2.
3. Begin the process by connecting DiagnosticLink® to the vehicle. Make sure that all the modules (ACM, CPC, and MCM) are connected.

NOTICE:
<b>BEFORE</b> 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, and MCM) 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 and ACM 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 **software 12.2.2.2** and fuel map version **ZGS 001**
  - b. ACM **software 13.54.2.0** and fuel map version **ZGS 001**
  - c. CPC **software R42\_00\_000A**

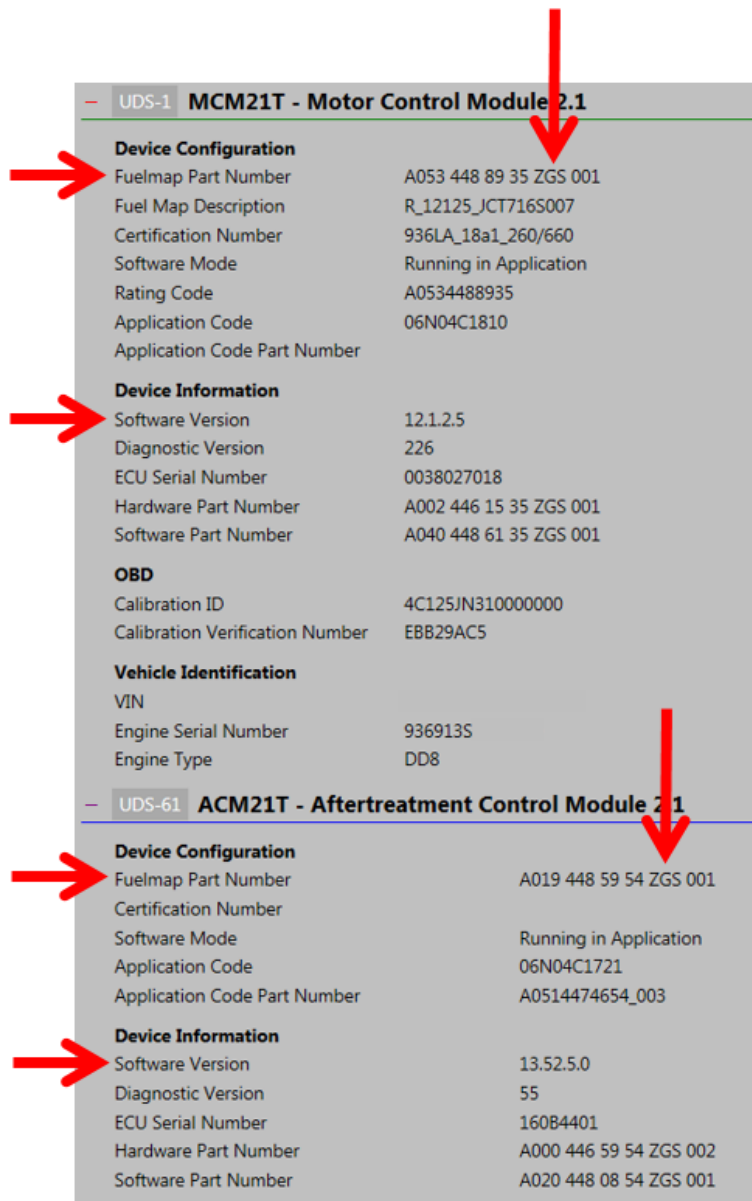


Figure 1 - DiagnosticLink® Identification Screen



## **Emission Recall Bulletin D19R2**

Page Six

- 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.
  
- 11.** Repairs are complete.

**Emission Recall Bulletin D19R2**  
Page Seven

<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>RECALL</b>
<b>Modification</b>	<b>D19R2</b>
<b>Cause Code:</b>	<b>A1-Campaign</b>
<b>Primary Failed Part:</b>	<b>DDC REPROGRAM3</b>
<b>Procedure A</b>	
<b>Labor Code:</b>	<b>996-R192A Inspection Only</b>
<b>Correction Action:</b>	<b>06</b>
<b>Labor:</b>	<b>0.1 Hours</b>
<b>Procedure B</b>	
<b>Labor Code:</b>	<b>996-R192B Reprogram MCM, ACM, CPC</b>
<b>Corrective Action</b>	<b>12</b>
<b>Labor:</b>	<b>0.5 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.

DETROIT DIESEL  
13400 Outer Drive West  
Detroit, Michigan 48239-4001

Equipment Owner

Subject: **Emission Recall D19R2**  
**GHG17 MDEG Platform DD8 – Software Reprogramming For California**  
**Inspection and Maintenance**

This notice is sent to you in accordance with the requirements of the California and Federal standards and regulations for emission-related diagnostic systems. Daimler Trucks North America LLC, has determined that a defect, which relates to vehicle emissions, exists in certain Model Year 2018 GHG17 MDEG Platform DD8 engines that are registered in California.

Records indicate that your vehicle has one of these affected engines which will require reprogramming software and fuel maps. This will prevent fault codes and performance issues that may result in customer dissatisfaction. The procedure will be completed at no cost to you when performed by an Authorized Detroit Diesel Repair Facility. The scheduled time for this software update is approximately **0.5 hours**.

Please contact a Detroit Diesel Authorized Repair Facility to arrange to have the Field Action performed. To locate an authorized facility, search online at [www.detroitdiesel.com/locations/default.aspx](http://www.detroitdiesel.com/locations/default.aspx).

**California regulations require that inspectors have the ability to view Engine Serial Number (ESN) using a generic scan tool. The California Air Resources Board (CARB) describes this feature as critical to the execution of their inspection and maintenance program. There was a programming error that prevented viewing the ESN with a generic scan tool. Reprogramming will correctly enable this feature.**

Please understand that the California DMV (Department of Motor Vehicles) will reject vehicle registration renewals if this emission related recall has not been completed.

A blank copy of the Vehicle Emission Recall-Proof of Correction Certificate is attached. Please have your repair facility fill this out completely if your vehicle is registered in California. You may need this at the time of your vehicle registration renewal.

If you do not own the vehicle that corresponds to the identification number(s), which appears on the Recall Notification, please return the notification to the Warranty Department, Attention Campaign Coordinator, with any information you can furnish that will assist us in locating the present owner.

# Daimler Trucks North America LLC

Daimler Trucks North America LLC

Detroit Diesel Corporation  
13400 Outer Drive, West  
Detroit, Michigan 48239-4001  
Telephone: 313-592-5000

If you have paid to have this recall condition corrected prior to this notice, you may be eligible to receive reimbursement. Requests for reimbursement may include parts and labor. Reimbursement may be limited to the amount the repair would have cost if completed by a Detroit Authorized Repair Facility.

The following documentation must be presented to your dealer for consideration for reimbursement. Please provide original or clear copies of all receipts, invoices, and repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- What problem occurred, what repair was done, when the repair was done.
- Who repaired the vehicle.
- The total cost of the repair expense that is being claimed.
- Proof of payment for the repair (such as the front and back of a cancelled check or a credit card receipt).

Reimbursement will be made by check from your Detroit Diesel dealer. Please speak with your Detroit Diesel authorized dealer concerning this matter.

For those customers who had this issue and paid for the service prior to this recall, they can send in their receipts to DDC for reimbursement consideration”

We regret any inconvenience this action may cause but feel certain you understand our interest in conforming to required regulations and environmental protection.

If you have any questions or need further information, please contact the Customer Support Center at (800) 445-1980.

**DETROIT DIESEL WARRANTY CAMPAIGNS DEPARTMENT**  
**Enclosure**

**Vehicle Emission Recall - Proof of Correction**

License Number	Make	Year Model	Body Type	Vehicle Identification Number
				<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Manufacturer \_\_\_\_\_ Recall Number \_\_\_\_\_

The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Dealer's \_\_\_\_\_ Address, City, State \_\_\_\_\_

Dealership's Authorized \_\_\_\_\_  
| X \_\_\_\_\_

Return this certificate to DMV only when required - otherwise retain for your records.