

Authorized Field Change



AFC 12949

Date: January 2013

Subject File: Engine

Subject: MaxxForce® DT, 9, and 10 Electronic Control Module (ECM) recalibration for certain vehicles marked in Service Portal™ with AFC 12949 to prevent possible vehicle downtime due to Diesel Particulate Filter (DPF) overload.

Model: WorkStar®, DuraStar®, CE C Bus, CE S Bus, HC C Bus, RE C Bus, RE S Bus, and 1300 FBC
Start Date: 12 September 2011 End Date: 29 November 2012

Engine Family: MaxxForce® DT, 9, and 10

DESCRIPTION

This AFC applies to certain bus and truck models listed above that were built with MaxxForce® DT, 9, and 10 engines between 12 September 2011 and 29 November 2012. This campaign will require recalibration of the engine Electronic Control Module (ECM) to make sure it is updated to the latest software level to prevent possible vehicle downtime due to DPF overload.

AFC 12949 is applicable only to certain vehicles marked in Service Portal™ with AFC 12949.

PARTS INFORMATION

No parts are required for this AFC.

SERVICE PROCEDURE

 **WARNING:** Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions. Failure to do so may result in property damage, personal injury, and / or death.

 **WARNING:** If the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over, potentially resulting in property damage, personal injury, and / or death.

 **WARNING:** Always wear safe eye protection when performing vehicle maintenance. Failure to do so may result in serious eye injury.

 **WARNING:** Keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases. Failure to do so may result in property damage, personal injury, and / or death.

 **WARNING:** Remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last. Failure to do so may result in property damage, personal injury, and / or death.

 **WARNING:** Always make sure engine has cooled before removing components. Failure to do so may result in property damage, personal injury, and / or death.

1. Check to see if ECM has latest software by referring to vehicle calibration scorecard in Service Portal™ system. If calibration scorecard indicates that calibration is not current, engine must be reprogrammed.
2. Program ECM using NETS or AutoUpgrade. For instructions, see [IK2600010 - NETS Programming and Troubleshooting Guide](#). Use the Update to Latest Calibration programming option or follow [IK2600082 - AutoUpgrade Programming Instructions](#).
 - These articles contain general information about each reprogramming method and software, with links to specific instructions for each.

NOTE: If AutoUpgrade functionality is not available, use NETS.

SERVICE PROCEDURE (CONT.)

- If assistance is needed, contact Vehicle Programming by creating an iKNow case file or calling 1-800-336-4500, options 3, 1, 1.

LABOR INFORMATION

Operation number must appear on all claims.

Table 1. Labor Information

Operation No.	Description	Time
A40-12949-1	ECM Re-Flash	0.4 hrs

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-12949.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To ensure this important improvement is made in a timely manner, all claims for G-12949 activity must be submitted by 31 January 2014 or within the normal warranty period for the vehicle, if after 31 January 2014.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number G —

NOUN — Leave blank

C (CAUSE) — Enter either 1, 2, 3. (See below)

- 1. Inspected (No repair required).
- 2. Inspected and repaired.
- 3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40.

TYPE PART — Enter P for type part causing failure.

PAD — Enter 100