

Authorized Field Change



AFC 14902

Date: June 2014

Subject File: Engine

Subject: MaxxForce® 9 and 10 Electronic Control Module (ECM) Recalibration.

Model: DuraStar® and WorkStar® Emergency Vehicles

Start Date: 01 March 2010 End Date: 28 February 2013

Engine Family: MaxxForce® 9 and 10

DESCRIPTION

A new calibration has been made available for emergency vehicles that prevents the possibility of engine derate or eventual shutdown due to the potential need for aftertreatment regeneration during emergency service. This calibration applies only to certain 2010, 2011, 2012, and 2013 MaxxForce® 9 and 10 engines used in emergency vehicle applications that are marked on the Service PortalSM for AFC 14902.

PARTS INFORMATION

No parts required for this AFC.

SERVICE PROCEDURE



WARNING: Park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions. Failure to comply may result in property damage, personal injury, and / or death.



WARNING: Always wear safe eye protection when performing vehicle maintenance. Failure to comply may result in personal injury and / or death.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.
3. Verify ECM has latest software by referring to vehicle calibration scorecard International® Service PortalSM system. If calibration scorecard indicates that calibration is not current, engine must be reprogrammed.

SERVICE PROCEDURE (CONT.)

NOTE: If AutoUpgrade functionality is unavailable, use NETS.

4. Program ECM using NETS or AutoUpgrade. For instructions, see [IK2600010 - NETS Programming and Troubleshooting Guide](#). Use Update to Latest Calibration programming option or follow [IK2600082 - Auto UpGrade Programming Instructions](#).
 - These articles contain general information about each reprogramming method and software, with links to specific instructions for each.
5. After completing ECM recalibration, verify fault codes are not present. If no fault codes are present, procedure is complete.
6. Remove wheel chocks.
7. If assistance is required, contact Vehicle Programming by creating an iKNow case file, or by calling 1-800-336-4500 and selecting options 3, 1, 1.

LABOR INFORMATION

Operation number must appear on all claims.

Table 1. Labor Information

Operation No.	Description	Time
A40-14902-1	ECM Re-Flash	0.4 hr

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 14902.

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 14902 activity must be submitted by 05 June 2015 or within the normal warranty period for the vehicle, if after 05 June 2015.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

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 ←

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