

# Authorized Field Change



**AFC 12902**

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**Date:** January 2012

**Subject File:** ENGINE

**Subject:** MaxxForce® 11, 13, and 15 Recalibration to Address Frequent Warning Lights

Model: ProStar®, PayStar®, WorkStar®, TransStar®, and LoneStar®

Start Date: 01/12/2010 End Date: 01/06/2012

Engine Family: MaxxForce® 11, 13, and 15

Start Date: 01/12/2010 End Date: 01/06/2012

## DESCRIPTION

A number of 2010 and 2011 MaxxForce® 11, 13, and 15 engines are experiencing frequent and unnecessary warning lights. This campaign will require recalibration of the engine Electronic Control Module (ECM) to ensure engine is at the latest software level.

## PARTS INFORMATION

No parts are required for this AFC.

## SERVICE PROCEDURE FOR ELECTRONIC CONTROL MODULE (ECM) RECALIBRATION



**WARNING** – To prevent vehicle damage, personal injury or death, park the vehicle on a flat, level surface. Make sure the engine ignition is in the off position, and the transmission is in neutral or in the park position, if the vehicle is equipped with an automatic transmission. Set the parking brake, block the wheels to prevent the vehicle from moving in both directions, and disconnect the batteries at the negative terminal before doing any service procedures on the vehicle.



**WARNING** – To prevent personal injury or death, always wear safe eye protection when performing vehicle maintenance.



**WARNING** – To prevent personal injury or death, make sure that the engine has cooled before removing components.

This AFC raises the calibration level to 3.8.1 PR14 and 3.8.1. PR15. First check to see if the ECM has the latest software by referring to the vehicle calibration scorecard on the ISIS® system. If the calibration scorecard indicates that the calibration is not current, the engine must be reprogrammed.

ECM Programming method for 2010 and 2011 MaxxForce® 11, 13, and 15 engines is to use NETS or Auto Upgrade. For instructions, see IK2600010 — NETS Programming and Troubleshooting Guide. Use the **Update to Latest Calibration** programming option or IK2600082 – Auto Upgrade Programming Instructions. In these articles, you will find general information about each reprogramming method and software, with links to specific instructions for each.

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

Operation number must appear on all claims.

**Table 1 Labor Information**

| Operation No. | Description  | Time    |
|---------------|--------------|---------|
| A40-12902-1   | 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-12902.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7–1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-12902 activity must be submitted by January 30, 2013 or within the normal warranty period for the vehicle, if after January 30, 2013.

| GROUP                 | NOUN             | C                                           | WARR.                              | TP                                               | PAD           |
|-----------------------|------------------|---------------------------------------------|------------------------------------|--------------------------------------------------|---------------|
| GROUP Enter number G— | NOUN Leave blank | C (CAUSE) Enter either 1, 2, 3. (see below) | WARRANTY (Warranty Code) Enter 40. | TYPE PART Enter P for type part causing failure. | PAD Enter 100 |
|                       |                  | 1. Inspected (No repair required).          |                                    |                                                  |               |
|                       |                  | 2. Inspected and repaired.                  |                                    |                                                  |               |
|                       |                  | 3. Defective part from parts stock.         |                                    |                                                  |               |

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