



Countries: CANADA, COLOMBIA, UNITED STATES, PUERTO RICO
Availability: ISIS, Bus ISIS, FleetSIS
Major System: ENGINES
Current Language: English
Other Languages: NONE
Viewed: 2187

Document ID: IK1201013
Revision: 5
Created: 11/12/2013
Last Modified: 10/30/2014
Author: Jaime Ochoa

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Coding Information

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Title: EPA 2010 & 2013 (OBD) MaxxForce 7 Calibration Update - Fault Monitor Updates

Applies To: 2010 MaxxForce 7 2013 MaxxForce 7 Engine with OBD (Onboard Diagnostics)

CHANGE LOG

NOTE: DO NOT delete this Change Log. If this iKnow Article is being revised, please type in the text box below what has changed in the article.

Dealers: Please refer to the change log text box below for recent changes to this article:

2014/09/10: Altered faults due to new calibration release. IK1200904 information is now included and article matured.
 2014/10/30: Added 651-658 FMI 16 faults to currently under investigation section.

DESCRIPTION

Faults Currently Addressed

EPA 2010 & 2013 OBD MaxxForce 7 engines may experience issues logging the below faults/codes, which are false positives. These codes cause the Warning Engine Light to come active, but will not cause any drivability/performance issues. If units are brought into the dealer for these fault(s), please clear them, update the calibration via NETs, AutoUpgrade or PocketMaxx. Refer to Notes section below for additional steps.

SPN	FMI	ServiceMaxx Description	Notes
173	0	Exhaust Gas Temperature above Critical Temperature	Addressed in calibration PRS29XR3. If code is still setting with latest calib
173	1	Exhaust Gas Temperature Stuck Low	Disabled in calibration PRS29XR3. Please ensure calibration is up to date
173	21	Exhaust Gas Temperature Drifted Low	Addressed in calibration PRS24LR0 and later calibrations. If code is still s
174	21	Exhaust Gas Temperature Drifted High	Addressed in calibration PRS24LRD/LRE/LR1. If code is still setting with
3251	21	DPFDP excessively Low (Sensor/circuit fault or missing DPF)	Addressed in calibration PRS24LRD/LRE/LR1. If code is still setting with

NOTE: Any changes to these codes or dates will be updated on this document

Faults Under Investigation

Certain EPA 2010 & 2013 OBD Maxxforce 7 engines may experience service engine lights from the below DTCs. The issues are calibration related and currently under investigation to correct the erroneous triggering of these fault codes. If units are brought into the dealer specifically for these faults, please clear the fault and do not diagnose these codes.

SPN	FMI	ServiceMaxx Description	Notes
651-658	16	Injector 1-8 Fuel quantity/timing high error (Cylinder number indicated)	Fault is currently under investigation.

REPAIR PROCEDURE

Update engine calibration via NETS, DLC AutoUpgrade or PocketMaxx.

OTHER RESOURCES

Engine Diagnostics and Module Reflashing Guide-

https://evaluate.internationaldelivers.com/service_kb/DocTool/ArticleViewer.aspx?ControlID=3250&SEQLanguage=1001

SPECIAL TOOL(s) or SOFTWARE

Tool Description	Tool Number	Comments
EZ-Tech Laptop	N/A	N/A

Software Description	Software Version	Comments
NETS	5.5.1 with DLC 1.86	Click HERE to install latest version

WARRANTY INFORMATION**Standard Repair Time(s):**

12 - ELECTRONIC CONTROL MODULE (ECM OR ECM/IDM) - ENGINE, PROGRAM			
Hours	Code	Model	Engine
0.4	A12-3510T	Models, ALL	All Engines

[Link To SRT Manual](#)**Warranty Claim Coding:**

Group	Noun
12000	716

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