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Revision: 8

Major System: ENGINES

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Current Language: English

Last Modified: 4/9/2015

Other Languages: NONE

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Viewed: 4676

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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

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

2015/04/09 - Reformatted Article to be friendly when printed.
 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.
 2014/12/22: Author updated for feedback purposes.

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	21	Exhaust Gas Temperature Drifted Low	Addressed in calibration PRS24LR0 and later calibrations. Latest calibration is PRS24LR2. If code is still setting with latest calibration, refer to the diagnostic manual LINKED HERE .
174	21	Exhaust Gas Temperature Drifted High	Addressed in calibration PRS24LRD/LRE/LR1/LR2. Latest calibration is PRS24LR2. If code is still setting with latest calibration, refer to the diagnostic manual LINKED HERE .
3251	21	DPFDP excessively Low (Sensor/circuit fault or missing DPF)	Addressed in calibration PRS24LRD/LRE/LR1/LR2. Latest calibration is PRS24LR2. If code is still setting with latest calibration, refer to IK1201196

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. If fault is for right bank (1-3-5-7), than the fault is most likely true. Left bank faults (2-4-6-8) are false faults.
173	0	Exhaust Gas Temperature above Critical Temperature	Fault is currently under investigation. Latest calibration is PRS29XR2.
173	1	Exhaust Gas Temperature Stuck Low	Fault is currently under investigation. Latest calibration is PRS29XR2.

REPAIR PROCEDURE

Update engine calibration via NETS, DLC AutoUpgrade or PocketMaxx.

OTHER RESOURCES

[Engine Diagnostics and Module Reflashing Guide-](#)

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

[Link to Coding Manual](#)

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