



Countries: CANADA, TAIWAN, UNITED STATES, PUERTO RICO, GUAM, KOREA, SOUTH KOREA
Availability: ISIS, FleetISIS
Major System: ENGINES
Current Language: English
Other Languages: NONE
Viewed: 620

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Created: 5/16/2014
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Coding Information

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Title: EPA 2010 & 2013 (OBD) MxF DTHT, 9 & 10 Rescue Calibration Boost Specification Difference

Applies To: EPA 2010 MxF DTHT, 9 & 10 EPA 2013 MxF DTHT, 9 & 10 (OBD) ESN 330000+

CHANGE LOG

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

5/20/2014 - iKNOW Article Created; 4/1/2015 - Added EPA 2010 & EPA 2013 OBD 570 and DTHT calibration information

DESCRIPTION

A new calibration is 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 - 2015 MaxxFORCE DTHT, 9 and 10 engines (Non OBD and OBD) used in emergency vehicle applications that are marked on the Service Portal for AFC 14902. Completed units will show complete on the managed repair tab in service portal.

This calibration implements actuator changes that reduce soot and increase NOx, which improves aftertreatment performance. **Performance specs have changed and max boost (IMP) is 30 psi with this calibration.** Any rescue unit with calibration ending in XUW1, XWW2, EEW0, EGW3 or EGW4 will have this change. Do not diagnose for low power/low boost if the engine is meeting the specifications outlined in this iKNOW article.

DIAGNOSTIC STEP(s)

None - If the unit has one of the calibrations below and boost is at max 30 psi. There is no need to diagnose for low boost.

*** Fire and Rescue applications only ***

EPA 2010 MaxxFORCE DTHT, 9 and 10 (Non OBD)

New Service Calibrations	Previous Service Calibrations
DTHT	
PAL2XWW2	PAL2XWR0
PBL2XWW2	PBL2XWR0
PML2XWW2	PML2XWR0
PAR2XWW2	PAR2XWR0
PBR2XWW2	PBR2XWR0
PMR2XWW2	PMR2XWR0

New Service Calibrations	Previous Service Calibrations
570ST	
PBL5XWW2	PBL5XUW1
PML5XWW2	PML5XUW1
PBR5XWW2	PBR5XUW1
PMR5XWW2	PMR5XUW1
570HT	
PBL6XWW2	PBL6XUW1
PML6XWW2	PML6XUW1
PBR6XWW2	PBR6XUW1
PMR6XWW2	PMR6XUW1

EPA 2013 MaxxFORCE DTHT, 9 and 10 (OBD)

New Service Calibrations	Previous Service Calibrations
570ST	
PBW5EGW3	PBW5EEW0
570HT	
PBW6EGW3	PBW6EEW0

New Service Calibrations	Previous Service Calibrations
466HT	
PAW2EGW4	PAW2EGR3
PBW2EGW4	PBW2EGR3

The screenshot shows a vehicle diagnostic software interface. On the left, under 'Vehicle Information', the following details are listed:

- Engine Type: MaxxForce D (2010 - 2012)
- Software Identification: WBR2XUJAh
- ACM Software Identification: RPLBAF12
- Engine Family Rating Code: 2151
- Vehicle Identification Number: 1HTWHAAT2D3293985
- Engine Serial Number: 466HM2Y3429013
- Transmission Type: Allison MD
- Rated Power: 300 hp
- Total Miles: 9,981.7 miles
- Total Fuel Used: 3,113 gal
- Total Engine Hours: 1,277.0 hr

A green arrow points from the 'Software Identification' field to a callout box that says: 'Calibration name is listed under Software Identification'.

On the right, a list of temperature sensors is displayed under the 'Temperature' tab:

- AFT Fuel Temp
- DOC Inlet Temp
- DPF Inlet Temp
- DPF Outlet Temp
- Coolant Temp 1
- Intercooler Temp
- Oil Temp
- Water Temp Sink Temp
- Inlet Air Temperature
- Intake Manifold Temp

WARRANTY INFORMATION

Standard Repair Time(s):

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

Warranty Claim Coding:

Group	Noun
12000	716

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Feedback Information

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