



<b>Countries:</b>	CANADA, UNITED STATES, MEXICO	<b>Document ID:</b>	IK1200636
<b>Availability:</b>	ISIS, Bus ISIS, FleetISIS	<b>Revision:</b>	3
<b>Major System:</b>	ENGINES	<b>Created:</b>	8/5/2011
<b>Current Language:</b>	English	<b>Last Modified:</b>	5/16/2013
<b>Other Languages:</b>	<a href="#">Français</a> , <a href="#">Español</a> ,	<b>Author:</b>	Eric George
<b>Viewed:</b>	5700		

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Coding Information

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**Title: EPA 2010 MaxxForce 7 Engine Calibration Releases**

**Applies To: All Trucks and buses with EPA 2010 MaxxForce 7 Engines**



	address vehicle drivability
Diagnostics	<ul style="list-style-type: none"> <li>• Robustness of failure detection of ineffective regenerations</li> <li>• Update Range and Resolution of value for Fuel Rail Pressure that is broadcast to ServiceMaxx</li> <li>• Improved robustness of fault monitoring of exhaust backpressure control</li> <li>• Improvement to current RCT diagnostic test</li> <li>• Allow in range fault detection on EGT sensor</li> <li>• Update to IAT signal processing to improve fault management robustness</li> <li>• Update to allow new TCOT sensor values to improve diagnostic capabilities</li> </ul>

<b>Calibration Information 29XR0/19XR0</b>	
<p><b>Version:</b> 29XR0/19XR0</p> <p><b>CN:</b> 685</p> <p><b>Release Date:</b> 05/07/2013</p> <p><b>Release Type:</b> Service</p> <p><b>Notification:</b> Calibration Scorecard</p> <p><b>Programming Software:</b> <b>NETS, Auto Upgrade and PocketMaxx</b> (Use Programming by <a href="#">Task Chart</a> below for recommended programming)</p>	<p><b>Calibration Rating:</b> ★★</p> <p><b>Warranty:</b></p> <p><b>Repair Time :</b> G-12925 - 0.4 hrs</p> <p><b>Affected Vehicles:</b> Model: DuraStar® and TerraStar®                  Start Date: 25 February 2010 End Date: 08 August 2012                  CE C Bus, CE S Bus, and HC C Bus Start Date: 02 June 2010 End Date: 08 August 2012                  Engine Family: 2010 MaxxForce® 7 240 / 260 / 300 hp</p> <p><b>CHECK CALIBRATION SCORECARD</b></p>

<b>Notes :</b>	<p><b>Ratings:</b></p> <p>★ - One Star- Do not take vehicles out of service to apply this calibration. Apply this calibration the next time the vehicle is scheduled in for maintenance</p> <p>★★ - Two Stars - This calibration possibly has issues addressed that your customers may be experiencing. Schedule the affected vehicles in when it is convenient for your customers.</p> <p>★★★ - Three Stars - Important to apply this calibration based on issues addressed . Schedule the affected vehicles in for this calibration ASAP.</p>
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<b>29WR3 Improvements or New Functionality</b>	
Function / System	Description
Performance	<ul style="list-style-type: none"> <li>• Improve frequent regen concerns due to DPF overload and DOC face-plugging issues that can be corrected with calibration update</li> </ul>

<b>Calibration Information 29WRC - 220 HP Ratings</b>	
	<b>Calibration Rating:</b> ★★

**Version:** 29WRC  
**EMR:** 4864B

**Release Date:** 09/11/2012

**Release Type:** Service

**Notification:** Calibration Scorecard and AFC - [12924](#)  
**Programming Software:** **NETS, Auto Upgrade and PocketMAxx** (Use Programming by [Task Chart](#) below for recommended programming)

**Warranty:** AFC - [12924](#)

**MIN Operation Repair Time :** G-12924\_ - 0.4 hrs

See AFC - [12924](#) for warranty claim submission instructions

**Affected Vehicles:** Model: DuraStar® Start Date: 25 February 2010 End Date: 31 May 2012  
 AC C Bus, BE C Bus, BE S Bus, CE C Bus, CE S Bus, and HC C Bus Start Date: 27 May 2010 End Date: 24 January 2010  
 Engine Family: 2010 MaxxForce® 7 220 hp

**CHECK CALIBRATION SCORECARD**

**Notes :**  
 1. This calibration has been released as a campaign. Please refer to the AFC documentation for specific warranty claim submission instructions.

**Ratings:**

★ - One Star- Do not take vehicles out of service to apply this calibration. Apply this calibration the next time the vehicle is scheduled in for maintenance

★★ - Two Stars - This calibration possibly has issues addressed that your customers may be experiencing. Schedule the affected vehicles in when it is convenient for your customers.

★★★ - Three Stars - Important to apply this calibration based on issues addressed . Schedule the affected vehicles in for this calibration ASAP.

39UR2 Improvements or New Functionality	
Function / System	Description
Performance	<ul style="list-style-type: none"> <li>Improve frequent regen concerns due to DPF overload and DOC face-plugging issues that can be corrected with calibration update</li> </ul>

**Programming Method by Task**

**Task = Update the ECM to the Latest Calibration**

Recommended Method	Cable	Programming Harness	Instructions	Special Instructions
<b>1. NETS</b> - Perform GET as Update to Latest Calibration	NAVCoM, NAV-Link ( Firmware / Driver must be updated to 1.6.4 <a href="#">Click here for instructions</a> ) or NEXIQ USB Link	Not Needed	<a href="#">IK2600010 NETS Programming and Troubleshooting Guide</a>	You may need to remove the ABS, SART module or Automatic Transmission fuses if programming fails.
<b>2. DLC Auto Upgrade</b>	NAVCoM, NAV-Link ( Firmware / Drive must be updated to 1.6.4 <a href="#">Click here for instructions</a> ) or NEXIQ USB Link	Not Needed	<a href="#">IK2600082 DLC Engine Auto Upgrade Program</a>	You may need to remove the ABS, SART module or Automatic Transmission fuses if programming fails.

Methods below are not available for this calibration at this time.

	NAVCoM, NAV-Link ( Firmware /			NAVCoM Firmware / Drive must
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<b>NAVCoM NOT AVAILABLE</b>	Drive must be updated to 1.6.4 <a href="#">Click here for instructions</a> ) in Engine Upgrader Mode	Not Needed	<a href="#">K2600092 NAVCoM User Guide</a>	be updated to 1.6.3 <a href="#">Click here for instructions</a> also see NAVCoM Programming Instructions at end of this article.
<b>Task = Programming a new or blank ECM</b>				
<b>Required Method</b>	Cable	Programming Harness	Instructions	Special Instructions
NETS - Perform GET as Replace or Blank Module	NAVCoM, NAV-Link ( Firmware / Drive must be updated to 1.6.4 <a href="#">Click here for instructions</a> ) or NEXIQ USB Link	Not Needed	<a href="#">IK2600010 NETS Programming and Troubleshooting Guide</a>	You may need to remove the ABS, SART module or Automatic Transmission fuses if programming fails.
<b>Task = Programming non-dealer programmable parameters</b>				
<b>Required Method</b>	Cable	Programming Harness	Instructions	Special Instructions
NETS - Perform GET as Change Parameters	NAVCoM, NAV-Link ( Firmware / Drive must be updated to 1.6.4 <a href="#">Click here for instructions</a> ) or NEXIQ USB Link	Not Needed	<a href="#">IK2600010 NETS Programming and Troubleshooting Guide</a>	You may need to remove the ABS, SART module or Automatic Transmission fuses if programming fails.

Note: When programming non-dealer programmable parameters you must contact the Vehicle Programming Support group and request the parameter you want programmed

**Other Resources:**

[IK2600084 Engine Programming & Diagnostic Guide](#)

[IK2600102 Engine Programming Harness Instructions](#)

[IK2700014 NAVCoM / NAV-Link 1.6.3 Driver Upgrade Instructions](#)

[IK2600092 NAVCoM User Guide](#)

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