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Availability:	ISIS, Bus ISIS, FleetSIS	Revision:	3
Major System:	ENGINES	Created:	8/30/2011
Current Language:	English	Last Modified:	2/6/2014
Other Languages:	Français , Español	Author:	Mario Tafoya
Viewed:	4159		

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Coding Information

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Title: Fuel Pressure Adaptation Reset Feature
Applies To: 2010 MaxxForce 7 Engines

DESCRIPTION

The Electronic Control Module (ECM) stores Fuel Pressure adaptation values continuously to help ECM control rail pressure reliably as the fuel injection system components age. These values need to be reset when a leak in the high pressure fuel system has been repaired and or if the high pressure pump, Injector(s), high pressure rail(s), jumper line(s) or FRP sensor is replaced.

SYMPTOMS

- Low Power
- De Rate

POSSIBLE DIAGNOSTIC TROUBLE CODES

DTC	SPN	FMI	MODULE	DESCRIPTION
	3055	15	FRP System	FRP Above minimum with maximum command
	3055	17	FRP System	FRP Above maximum with minimum command

1. Turn ignition key ON, engine OFF. (KOEO)
2. Start ServiceMaxx™ software.
3. Select the Parameters tab.
4. Select Parameter Id: 99501 “Fuel Pressure Adaptation Reset” and set the value field to Yes.
5. Click on Program Engine tab.
6. Once the Programming Successful message is displayed, key-off and key-on.

ServiceMaxx Pro - Parameters					
File View Sessions Tests Procedures Tools Help					
Sessions: Default Parameters Signals Stop Tests Vehicle... Trip Report...					
Parameters					
Undo All Changes... Program Engine... ☐ Only Show Watched					
T ID	Name	Value	Units	Undo	Wa
61091	Exhaust Gas Temperature Above Critical Limit Fault Occurrence Count	64,613.00			
84641	Exhaust Gas Temperature Above Critical Limit Total Distance	214,742,555.95	miles		
84631	Exhaust Gas Temperature Above Critical Limit Total Time	107,374,182.35	hr		
61061	Exhaust Gas Temperature Above Warning Limit Fault Active Duration	107,374,182.35	hr		
61071	Exhaust Gas Temperature Above Warning Limit Fault Occurrence Count	44,605.00			
84621	Exhaust Gas Temperature Above Warning Limit Total Distance	214,742,555.95	miles		
84611	Exhaust Gas Temperature Above Warning Limit Total Time	107,374,182.35	hr		
90031	Fan Off Temperature for Engine Cooling Control	37.85	F		
90021	Fan On Temperature for Engine Cooling Control	104.00	F		
69041	Fuel Cooler Control Mode	Enable			
69022	Fuel Delivery Pressure Signal Processing Mode	Enable			
69231	Fuel Filter Minder Feature Enable	FFM Feature Disabled			
99501	Fuel Pressure Adaptation Reset	No			
69171	Fuel Pump Control End of Line Enable				
99041	Fuel Quantity Governor Mode Enable	No			
95041	Fuel Used Starting Value	Yes			
95321	Fuel Used Starting Value for Breather Service Interval	8,974.38			
61161	Fuel Used at Last Regeneration Exited	159,491.25	gal		
71001	Glow Plug / Inlet Air Heater Control Mode	Disable			
76141	Hardwired Cruise Control Switches Diagnostic Enable	Disable			
82030	High Idle Engine Speed	15.00	RPM		
89061	Hybrid Propulsion Configuration	Eaton			
84721	IAT derate event log total hour 2	107,374,182.35	hr		
71011	Inlet Air Heater Control Mode	Disable			
68000	Last Customer Service Tool Identification Number Level 1	XXXX			

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