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Coding Information

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Title: 4766-10 DPF Regeneration Feedback Fault

Applies To: 2010 MaxxForce 11 and 13 Engines

Description:

4766 fault codes can be caused by unexpected Aftertreatment temperature/response times during active "Aftertreatment Regen Status".

Resolution:

If SPN: 4766 FMI 10 (4766-10) is logged in the ECM, perform the following steps:

- 1) Save Freeze Frame Data from all DTC's ([iKnow Article iK1200643](#))
- ***Prior to this step, DO NOT update the ECM calibration ***
- 2) Inspect the entire intake system and exhaust system for any air leaks and damage (Correct before going to next step).
 - 3) Inspect the fuel system from the fuel tank to the AFI for leaks, kinks, and physical damage.
 - 4) Inspect connections on all EGT's and check for any damage on the wires, corrosion and damaged pins

- 5) Record 3 snapshots
 - 1- OBFCT
 - 2- AMT
 - 3- 0-60mph using 100% throttle, shift at 1750 rpm
- 6) Open tech service case file
- 7) Attach all information from these steps at one time

<https://evaluate.internationaldelivers.com/service/SVCDOCS/Navistar/SVCMANPDF/0000001741.pdf> -

Link for MaxxForce 11 & 13 Engine Diagnostic Manual

DPF and DOC are on IApproval status, please do NOT drop the aftertreatment unless advised to

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Staff ID	Client ID	Comments	Created Date
	DY19074	You received the following feedback From: dy19074 - Trevor Slatnik Email Address: dbrooks@maximinc.com Job Classification: SE008, Service Technician Dealer: MAXIM TRANS SERVICES INC Feedback: This info for IK article was not known about prior to performing 'other' / yet similar diagnostic steps where the actual 'freeze frame' data was printed but NOT saved to be attached to a case file as suggested in this article. There was a 'healing' DTC in this instance so may have not constituted going through process of snapshots etc per article info. DTC was cleared , ran through air mgmnt test , performed Aftertreatment Cleanliness test to which all was observed to be appropriate with temps , harness connections etc....no issues. The only reason this article was viewed was due to conversation with other tech in facility. * Suggestion: Additional link should be highlighted with 'clarity' at heading of DTC troubleshooting if it is to be an important step required by Navistar. Thank-you. (Tech: dy19074)	11/16/2013 2:18:53 PM

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