



Countries:	CANADA, UNITED STATES, MEXICO	Document ID:	IK1200715
Availability:	ISIS, Bus ISIS, FleetISIS	Revision:	1
Major System:	ENGINES	Created:	1/26/2012
Current Language:	English	Last Modified:	5/17/2013
Other Languages:	NONE	Author:	Aaron Mimbs
Viewed:	329		

[Less Info](#)

Hide Details

Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		 View My Bookmarks				 3	 1

Title: Open Breather Kit Installation and Turbo Charger Cleaning Instructions

Applies To: 2007-2009 MaxxForce 7

DESCRIPTION

Open breathers are installed on the 2007-2009 MaxxForce 7 ONLY if it is a non-bus application unless it is approved by the customer. The open breather releases fumes from the crankcase to the atmosphere instead of routing it to the turbo where temperatures get hot enough to burn the fumes causing coking. If the turbo is clogging up it can be cleaned to increase the efficiency of the compressor and prolong the life of the turbo.

SYMPTOMS

- Loss of Power
- Clogged Turbo
- Low Boost
- Clogged Charge Air Cooler
- Fuel Dilution Issues
- After Treatment Clogging

KIT NUMBERS

Open Breather Kit 1889886C91
Turbocharger Cleaning Kit 1891576C91

PRE-INSTALLATION AND CLEANING CHECK LIST

- 1) Make sure the calibration is current and note which calibration is in the unit
- 2) Ensure oil level is not over full
 - a) Oil Level is Over Full: Open Case File
- 3) Check the inlet side of the Charge Air Cooler with a flashlight and mirror for clogging
 - a) Air Cooler Clogged: Attempt to clean if it can not be cleaned replace it
 - b) Air Cooler Full of Oil: Diagnose Turbo Following [IK1200535](#) for Oil Leaks
 - i) Turbo is Pushing Oil: Inspect exhaust side for oil and open case file if needed
- 4) Inspect the ITV for coking
 - a) ITV Dirty: Attempt to clean if it cannot be cleaned replace it

INSTALLATION AND CLEANING

[Open Breather Installation Instructions](#)

[1171998R1 Turbo Cleaning Procedure](#)

POST-INSTALLATION AND CLEANING

- 1) Perform Diesel Oxidation Catalyst Cleaning Procedure Reference [IK1200478](#) it will create a snapshot of the procedure
 - a) No Codes: Proceed to Step 9
 - b) DTC 1213 Remote Throttle Signal Out of Range Low is Active: Reference [IK0800323](#) and attempt to clear the code if it will not clear then set the engine parameters as follows and then program them
 - 1) Set Aux Remote Throttle to Disable
 - 2) Set PTO Mode to In Cab Only
- 2) Road test and if it asks for a regeneration perform a parked one
- 3) If needed update or open a case file with **ALL** information from above

 Hide Details

Feedback Information

Viewed: 328

Helpful: 3

Not Helpful: 1

Staff ID	Client ID	Comments	Created Date
	DY08955	You received the following feedback From: dy08955 - David Gabrielle Email Address: gabe396@aol.com Job Classification: SE008, Service Technician Dealer: TRUCK KING INTL IDEALEAS Feedback: The link for 1171998R1 Turbo Cleaning Procedure does not function.	5/21/2013 5:30:34 AM

Copyright © 2013 Navistar, Inc.