

AUSTRALIA, CANADA, UNITED Countries: STATES, MEXICO, SOUTH AFRICA

Availability: ISIS, Bus ISIS, FleetISIS Major System: ENGINES

Current English Language: Other

Français, Español, Languages:

24668 Viewed:

Document IK1200634 ID:

Revision: Created: 8/2/2011 Last 11/13/2012 Modified:

Mark Author: Ehlers

Less Info



**Title: Aftertreatment Resource Center** 

Applies To: All EPA 2007, EPA 2010, and some Euro 5 emission engines

# **MaxxForce**

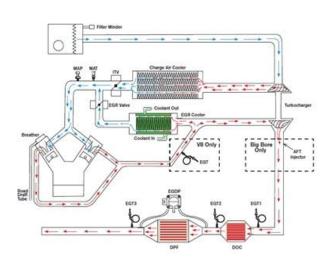
## **Exhaust Aftertreatment Resource Center**

## **Aftertreatment**

NEW!

#### -New Article 10/17-

- > Info for Drivers
- > Info for TEMs and BodyBuilders
- > Aftertreatment FAQs



Service Plans №W!				
Document #	Title			
IK1200839 NEW!	2010 Model Year MaxxForce® 11 and 13 Aftertreatment Service			
Aftertreatment fo	r Service Writers			
Document #	Title			
DPF Cleaner locator #1	FSX DPF Cleaner locator tool			
DPF Cleaner locator #2	DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "DP see dealers that have DPF cleaners			
IK1900158	2010 Dash Cluster Lamp Operation with new DPF Lamp Locations, Functions and Regeneration Instructions			

Aftertreatment for Techniclans  Document # Title  PSX DPF backpressure allowances  Kt 200648	IK1200033	2007 DPF (Diesel Particulate Filter) Operating Conditions and Parked Regeneration Process (lamps also explained)				
Document # Title  DFF Testing	IK0700032	DPF Snap Accel Test (Quick Test)				
EXAMENTATION FOR THE STATE AT	Aftertreatment fo	r Technicians				
International Component of the total Component of the total Component of the Component of	Document #	Title				
Kit 200686   Cleaning Turbos for Coking	DPF Testing	FSX DPF backpressure allowances				
Engine Turbocharger 1 Turbine Outlet Pressure (TC1TOP) Fault Codes (2010 MaxxForce DT, 9, 10)  KI (200033 DPF (Diesel Particulate Filter) Operating Conditions and Parked Regeneration Process on 2007 EPA Emission Vehicles  KI (200481 Altertreatment Soot Level Reset After AFI DPF or DOC Cleaning or Replacement (pre 2010 Emissions MaxxForce 118.13L)  KI (200482 Antertreatment Fuel Injector (AFI) Diagnostics and Cleaning (pre 2010 Emissions MaxxForce 118.13L)  EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Service manual- 3200,3300,9200,9900, City  Company Service Service Manual- 3200,3300,9200,9900, City  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emissions)  S07004 EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emissions)  S07004 EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Model: BE Bus, CE Bus, FC Bus, FE Bus, HC RE Bus (2007 Emissions)  S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-540 2007 Emissions Aftertreatment Manual: Applies to ALL 2007 Emission Engines  4021600-01 Cummins Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines  FSN 10-42R 2007 Emissions Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines  KIG700030 Determining a DPF's Thealth' on a used truck  KIG700031 Determining a DPF's Thealth' on a used truck  KIG700032 DPF Replacement-critical steps to perform after replacing or cleaning a DPF  WILZ800030 New DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G19.8421-E Purchasing a FSX DPF Cleaner  DOCUMENT # Title  G19.8421-E Purchasing a FSX DPF Cleaner  DPF Celeaner  Sex DPF Cleaner Research Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscotate #1)  DPF Celeaner  Sex DPF Legal Particulate Filters (DPF) Bes	IK1200648	Low Power Complaint due to Low Boost (2010 MaxxForce DT, 9, 10) -impacts the DPF				
IKI 200033 DPF (Diesel Particulate Filter) Operating Conditions and Parked Regeneration Process on 2007 EPA Emission Vehicles IKI 200481 Aftertreatment Soot Level Reset After AFI DPF or DOC Cleaning or Replacement (pre 2010 Emissions MaxxForce 118.13L) IKI 200478 On vehicle DOC Cleaning MaxxForce® 7 Engines IKI 200425 Aftertreatment Fuel Injector (AFI) Diagnostics and Cleaning (pre 2010 Emissions MaxxForce 118.13L) EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Service manual- 3200,3300, 9200, 9900, City LoneStar, Psylitar, ProStar, TranStar, Worksfar (2007 Emissions) S07005 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission) S07004 REMU (2010 Emissions) S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission) S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus (2007 Emissions) S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus (2010 Emissions) S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus (2010 Emissions) S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus (2010 Emissions) S07006 EXHAUST ASSET (2010 Emissions) S07007 Commins Aftertreatment Manual; Applies to ALL 2007 Emission Engines S07008 EXHAUST ASSET (2010 Emissions) S07009 Commins Aftertreatment Water Separation SEN 10-42R ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines) Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health" on a used truck K0700030 Determining a DPFs "health	IK1200656	Cleaning Turbos for Coking				
Aftertreatment Soot Level Reset After AFI DPF or DOC Cleaning or Replacement (pre 2010 Emissions MaxxForce 11&13L)	IK1200657	Engine Turbocharger 1 Turbine Outlet Pressure (TC1TOP) Fault Codes (2010 MaxxForce DT, 9, 10)				
IKI200478 On vehicle DOC Cleaning MaxxForce® 7 Engines  KI200425 Aftertreatment Fuel Injector (AFI) Diagnostics and Cleaning (pre 2010 Emissions MaxxForce 11&13L)  S07003 EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Service manual- 3200,3300, 9200, 9900, City LoneStar, PayStar, ProStar, TranStar, WorkStar (2007 Emissions)  S07005 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission S07004 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission S07004 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) Model: BE Bus, CE Bus, FC Bus, FE Bus, HC RE Bus (2007 Emissions)  S07006 EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-540 2007 Emissions Aftertreatment Manual; Applies to ALL 2007 Emission Engines  4021600-01 Cummins Aftertreatment Water Separation  SEN 10-428 ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)  K0700030 Determining a DPF's "health" on a used truck  K0700030 DPF snap Accel Test (Quick Test)  DPF preplacement-critical steps to perform after replacing or cleaning a DPF  W12800030 New DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G07-95596D Refurbished DPF's offered by Navistar Parts  Title G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner  PSX DPF Cleaner locator (SIST Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Discator 42 see dealers that have DPF Cleaners  DPF Edes G19-8421-E DPF Service Locators (SIST Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Discator 42 see dealers that have DPF Cleaners  DPF G19-8421-E DPF Service Locators (DIST Tool)- Use the ISIS® Toeler Search" feature to select "Show Advanced Options" and select "Discator 42 see dealers that have DPF Cleaners  DPF Barketing Information on FSX, fliers, promotional	IK1200033	DPF (Diesel Particulate Filter) Operating Conditions and Parked Regeneration Process on 2007 EPA Emission Vehicles				
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EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Service manual- 3200,3300, 9200, 9900, City LoneStar, PayStar, ProStar, Transtar, WorkStar (2007 Emissions)  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission S07004  EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission RE Bus (2007 Emissions)  S07006  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus, HC Bus (2010 Emissions)  S07006  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-840  2007 Emissions Aftertreatment Manual; Applies to ALL 2007 Emission Engines  4021600-01  Cummins Aftertreatment Water Separation  SEN 10-42R  ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)  Ik0700030  Determining a DPF's "health" on a used truck (M0700030)  Ik0700035  DPF Spap Accel Test (Quick Test)  Ik0700036  DPF Spap Accel Test (Quick Test)  Ik0700037  DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G07-8596D  Refurbished DPF's offered by Navistar Parts  Title  G19-8421-E  Purchasing a FSX DPF Cleaner  DPF Cleaner (Incator of Incator of Inca	IK1200478	On vehicle DOC Cleaning MaxxForce® 7 Engines				
LoneStar, PayStar, ProStar, TranStar, WorkStar (2007 Emissions)  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL (2010 Emission BOT004  EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Model: BE Bus, CE Bus, FC Bus, FE Bus, HC Bus (2007 Emissions)  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-540  2007 Emissions Aftertreatment SySTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-540  2007 Emissions Aftertreatment Manual; Applies to ALL 2007 Emission Engines  4021600-01  Cummins Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines  TS107-07-02  Exhaust Aftertreatment Water Separation  SFN 10-42R  ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)  IK0700032  Determining a DPF's "health" on a used truck  IK0700033  DPF Snap Accel Test (Quick Test)  DPF replacement- critical steps to perform after replacing or cleaning a DPF  WILL2800030 NSM  DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G07-8596D  Refurbished DPF's offered by Navistar Parts  TS108-07-01  Exhaust Pipe Insulation  Aftertreatment for Service Managers  Document # Title  G19-8421-E  Purchasing a FSX DPF Cleaner  DPF Cleaner  locator #1  FSX DPF Cleaner  locator #2  DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Diocator #2  see dealers that have DPF cleaners  DPF P Markening  Information on FSX, filers, promotional materials & posters to help dealer sell DPF cleaning services  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moc contained in this Resource Center)	IK1200425	Aftertreatment Fuel Injector (AFI) Diagnostics and Cleaning (pre 2010 Emissions MaxxForce 11&13L)				
EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Model: BE Bus, CE Bus, FC Bus, FE Bus, HC RE Bus (2007 Emissions)  S07006  EXHAUST AFTERTREATMENT SYSTEM AND DIESEL PARTICULATE FILTER (DPF) SERVICE MANUAL Model: BE Bus Bus, HC Bus (2010 Emissions)  EGES-540  2007 Emissions Aftertreatment Manual; Applies to ALL 2007 Emission Engines  4021600-01  Cummins Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines  TSI 07-07-02  Exhaust Aftertreatment Water Separation  SFN 10-42R  ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)  IK0700030  Determining a DPF's "health" on a used truck  IK0700032  DPF Snap Accel Test (Quick Test)  IK0700035  DPF replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030  IDP replacement-critical steps to perform after replacing or cle	S07003	EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Service manual- 3200,3300, 9200, 9900, Citys LoneStar, PayStar, ProStar, TranStar, WorkStar (2007 Emissions)				
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Bus, HC Bus (2010 Emissions)  EGES-540 2007 Emissions Aftertreatment Manual; Applies to ALL 2007 Emission Engines  4021600-01 Cummins Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines  TSI 07-07-02 Exhaust Aftertreatment Water Separation  SFN 10-42R ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)  IK0700030 Determining a DPF's "health" on a used truck  IK0700032 DPF Snap Accel Test (Quick Test)  IK0700032 DPF replacement-critical steps to perform after replacing or cleaning a DPF  WIL2800030 MM DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G07-8596D Refurbished DPF's offered by Navistar Parts  TSI 08-07-01 Exhaust Pipe Insulation  Aftertreatment for Service Managers  Document # Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "DI cocator.#2 see dealers that have DPF cleaners  DPF Marketing Information on FSX, fliers, promotional materials & posters to help dealer sell DPF cleaning services  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscontained in this Resource Center)	<u>S07004</u>	EXHAUST AFTERTREATMENT AND DIESEL PARTICULATE FILTER (DPF) Model: BE Bus, CE Bus, FC Bus, FE Bus, HC RE Bus (2007 Emissions)				
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DPF Snap Accel Test (Quick Test)  DPF replacement- critical steps to perform after replacing or cleaning a DPF  WIL2800030 N □ DOC Damage as a Result of Improper Cleaning  Aftertreatment for Parts Personnel  Document # Title  G07-8596D Refurbished DPF's offered by Navistar Parts  TSI 08-07-01 Exhaust Pipe Insulation  Aftertreatment for Service Managers  Document # Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator #1   FSX DPF Cleaner locator tool locator #2   DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "DI DPF Marketing Information  DPF Marketing Information on FSX, fliers, promotional materials & posters to help dealer sell DPF cleaning services  See FAQ's below  DPF Agriculate Fitters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscontained in this Resource Center)	SFN 10-42R	ZTSE6031 Restrictor Plate Tool (on vehicle DOC cleaning tool for MaxxForce 7 engines)				
DPF replacement- critical steps to perform after replacing or cleaning a DPF	IK0700030	Determining a DPF's "health" on a used truck				
Aftertreatment for Parts Personnel  Document # Title  G07-8596D Refurbished DPF's offered by Navistar Parts TSI 08-07-01 Exhaust Pipe Insulation  Aftertreatment for Service Managers  Document # Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator #1  DPF Cleaner locator #2  DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Diocator #2  DPF Marketing Information on FSX, fliers, promotional materials & posters to help dealer sell DPF cleaning services  See FAQ's below  DOC Damage as a Result of Improper Cleaning  Title  G07-8596D Refurbished DPF's offered by Navistar Parts  Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator follows  FSX DPF Cleaner locator tool  DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Diocator #2" see dealers that have DPF cleaners  DPF Marketing Information  Information on FSX, fliers, promotional materials & posters to help dealer sell DPF cleaning services  SFN 09-11RC  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (most contained in this Resource Center)  See FAQ's below	IK0700032	DPF Snap Accel Test (Quick Test)				
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Title	WIL2800030 NEW!	DOC Damage as a Result of Improper Cleaning				
Refurbished DPF's offered by Navistar Parts  TSI 08-07-01 Exhaust Pipe Insulation  Aftertreatment for Service Managers  Document # Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator #1 DPF Cleaner locator #1 DPF Cleaner DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "DI see dealers that have DPF cleaners  DPF Marketing Information Information Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscontained in this Resource Center)  See FAQ's below	Aftertreatment fo	r Parts Personnel				
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Aftertreatment for Service Managers  Document # Title  G19-8421-E	G07-8596D	Refurbished DPF's offered by Navistar Parts				
Document # Title  G19-8421-E Purchasing a FSX DPF Cleaner  DPF Cleaner locator #1  DPF Cleaner locator #2  DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Di see dealers that have DPF cleaners  DPF Marketing Information  Information DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Di see dealers that have DPF cleaners  DPF Marketing Information Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (mos contained in this Resource Center)  See FAQ's below	TSI 08-07-01	Exhaust Pipe Insulation				
Purchasing a FSX DPF Cleaner   DPF Cleaner	Aftertreatment fo	r Service Managers				
PF Cleaner locator #1  DPF Cleaner locator #2  DPF Marketing Information  SFN 09-11RC  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscontained in this Resource Center)  FSX DPF Cleaner locator tool  DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Diesel Contained on FSX, fliers, promotional materials & posters to help dealer sell DPF cleaning services  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (moscontained in this Resource Center)  See FAQ's below	Document #	Title				
DPF Cleaner   DPF Cleaner   DPF Service Locators (ISIS Tool)- Use the ISIS® "Dealer Search" feature to select "Show Advanced Options" and select "Di see dealers that have DPF cleaners	G19-8421-E	Purchasing a FSX DPF Cleaner				
See FAQ's below   See dealers that have DPF cleaners	locator #1					
Information  SFN 09-11RC  Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (mos contained in this Resource Center)  See FAQ's below						
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		Diesel Particulate Filters (DPF) Best Service Practices and FAQs for International® and IC Bus, LLC Branded Vehicles (mos contained in this Resource Center)				
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Afternoon to continue to A Inches						

Document #	Title					
WPL2800032	Use of Refurbished Diesel Particulate Filter (DPF) to support a Warranty Repair					
WPL2800021	Diesel Particulate Filter (DPF) Cleaning Reimbursement WPL 11-002G					
WPL2800020	Engine Emission Component Coverage WPL 11-003G					
WPL2800011	Warranty Policy Letter 10-011G- Warranty iApproval Requirements					
WPL2800030	Warranty Policy Letter 11-009G- Warranty iApproval Requirements					
IK0700031	DPF cleaning or replacement warranty					
WIL2800030 NEW!	DOC Damage as a Result of Improper Cleaning					
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Document #	Title					
IK1900158	2010 Dash Cluster Lamp Operation with new DPF Lamp Locations , Functions and Regeneration Instructions					
IK1900158 TSI 08-10-02 See FAQ's below Aftertreatment for	2010 Dash Cluster Lamp Operation with new DPF Lamp Locations , Functions and Regeneration Instructions					
IK1900158 TSI 08-10-02 See FAQ's below	2010 Dash Cluster Lamp Operation with new DPF Lamp Locations , Functions and Regeneration Instructions In-Cab Regeneration Visor Decals in English/French/Spanish (2007 Emissions)  TEMs and BodyBuilders					
IK1900158 TSI 08-10-02 See FAQ's below Aftertreatment for Document #	2010 Dash Cluster Lamp Operation with new DPF Lamp Locations , Functions and Regeneration Instructions In-Cab Regeneration Visor Decals in English/French/Spanish (2007 Emissions)  TEMs and BodyBuilders  Title					

Q. Is there a chart that list the suggested DPF cleaning intervals?

**A.** Yes , Below is a chart with DPF service intervals . Consult the appropriate Engine Operation and Maintenance Manual for further information.

waxxrorce Eng	line DPF Cleaning Inter	vais (excerpts from t	ingine Operation and M	aintenance Manuais)	
	EPA 2007 Emissions CI-4 oil	EPA 2007 Emissiosn CJ-4 oil	EPA 2010 Emissions CI-4 oil	EPA 2010 Emissions CJ-4 oil	Notes
MaxxForce 5	150K mi./ 22 months / 4500 hrs.	200K mi./ 30 months / 6000 hrs.			
MaxxForce 7	150K mi./ 22 months / 4500 hrs.	200K mi./ 30 months / 6000 hrs.	150K mi./ 22 months / 4500 hrs.	200K mi./ 30 months / 6000 hrs.	
MaxxForce 9, 10, DT	150K mi./ 22 months / 4500 hrs.	200K mi./ 30 months / 6000 hrs.	150K mi./ 22 months / 4500 hrs.	200K mi./ 30 months / 6000 hrs.	
MaxxForce 11 & 13	200K mi./ 22 months / 4500 hrs.	250K mi./ 30 months / 6000 hrs.	200K-325K miles (MPG dependant)	250K-400K miles (MPG dependant)	Clean EPA 07 Aftertreatment Fuel Injector at 100K. mi. or 3000 hrs.
MaxxForce 15			200K-325K miles (MPG dependant)	250K-400K miles (MPG dependant)	rev mse 6-24

**Q.** Should we remove the DPF for cleaning?

**A.** No, unless the engine will not run, performing a successful in-chassis regeneration will "burn-up" much of the soot in the DPF and in some cases make "baking" the DPF before the

"blow-out" cleaning uneccessary. However, in-chassis regenerations do not take the place of periodic DPF removal and cleaning.

Q. What Training Material is available on Aftertreatment?

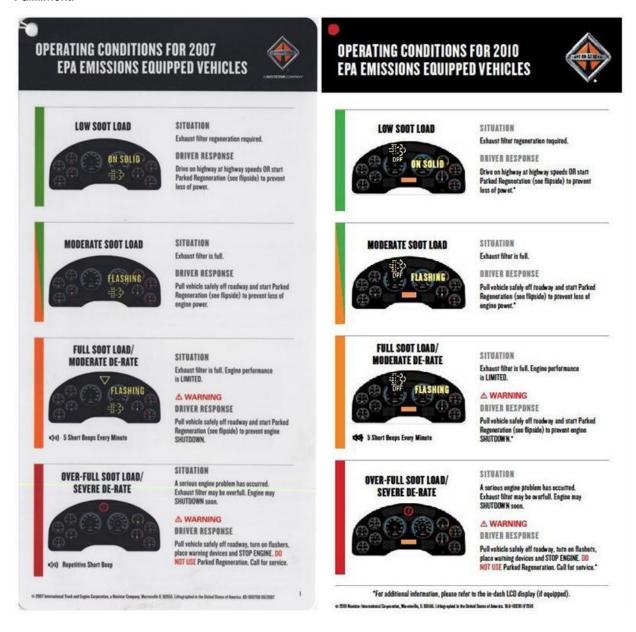
A. Below is a list of training courses and material available

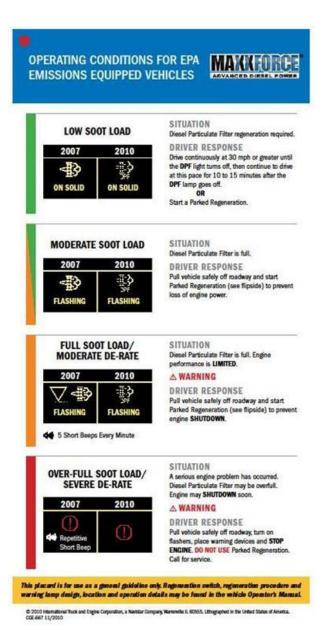
## **Emissions Training offered on Dealer Education LMS**

- Quick Tips Training 2007 Emission Controls (on LMS system- <a href="http://www.navistarlearning.com">http://www.navistarlearning.com</a>)
- 2007 MaxxForce Aftertreatment (AFT) System (on LMS system- http://www.navistarlearning.com)
- 2007 Emissions Fundamentals (on LMS system- <a href="http://www.navistarlearning.com">http://www.navistarlearning.com</a>
- 2007 Emission Controls: This training provides a better understanding of the 2007 emission warning lights and what steps to take for proper regeneration during each type of alert (on LMS systemhttp://www.navistarlearning.com)

### **Driver Training on 2007 & 2010 Emissions**

- 2010 Emissions audio CD- S00198 (order from Literature Fulfillment)- audio only
- 2007 Emissions Driver DVD -TCN100702A (order from Literature Fulfillment)
- Q. What information is on or in the Truck or Bus about the Aftertreatment?
- A. Below are driver Driver Quick Reference Guides quick reference cards that can be ordered through Literature Fulfillment.





2007 Emissions Aftertreatment Lamps (Driver Quick Reference Guide)- AD50070D Cardboard Placard (order from Literature Fulfillment)

2010 Emissions Aftertreatment Lamps (Driver Quick Reference Guide)- TAD10036 Cardboard Placard (order from Literature Fulfillment)

2010 vs. 2007 Aftertreatment Lamps- CGE667 Cardboard Placard (order from Literature Fulfillment)

Q. How is fuel economy affected as the DPF fills with ash/ soot?

**A.** There have not been enough studies performed on this topic to have complete knowledge but one study Navistar did conduct on a 13L engine showed that fuel economy

at peak power was reduced by 1% when the DPF had enough ash in it to trigger the dash lamps for DPF cleaning. If the engine is put into more frequent regens that designed, then fuel economy will be affected.

Q. When should a DPF be replaced?

**A.** When it fails the DPF reuse guidelines (cracks, large dents, brick shift beyond specs, significant soot on clean side, etc.):

- A. For 2007 Emissions MaxxForce 11&13L engines, see the <u>Cummins Aftertreatment Diesel Oxidation Catalyst and Aftertreatment Diesel Particulate Filter Reuse Guidelines 4021600-01:</u>
- B. For other DPF reuse guidelines, refer to EGES-540
- C. When Navistar Technical Assistance authorizes replacement under warranty. DPFs require pre-Approval through

iApprove: See Warranty Policy Letter: Warranty Policy Letter 11-009G

Q. I need to replace a DPF, what are the options?

**A** . Navistar Parts has a refurbished DPF program. These DPFs been cleaned and inspected and are lower cost than new DPFs:

See <u>Parts G-Letter-G-07-8596-D</u> Some dealers that have FSX cleaning equipment have their own DPF exchange programs. Navistar Parts sells new DPFs for all

Navistar applications. Refurbished DPF's should be used for in-warranty repairs whenever possible. Refurbished DPF Warranty Policy-WPL2800032

Q. Should I replace a DPF if it gets contaminated with oil or fuel from a Turbo or injector issues?

**A.** Technicians will be instructed by Navistar Technical Assistance Center via an iKNow case file on how to determine if the DPF is suitable for continued service. Often, an in-chassis regen is all that is required. Very oily DPFs can be baked in FSX's TrapBurner under Program #2 or #3 (24+ hours of baking).

Q. Should I replace a DPF if it gets contaminated with coolant from an EGR cooler failure?

**A.** Technicians will be instructed by Navistar Technical Assistance Center via iKNow case file on how to determine if the DPF is suitable for continued service.

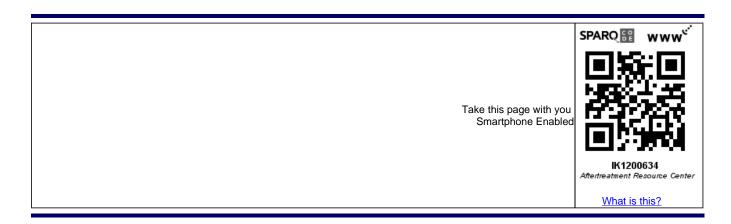
Q. Are there applications that are more prone to DPF plugging? Why?

A. Applications that are light loads with several stops and starts may have issues with DPF plugging due to low exhaust temperatures. Examples are bus, garbage, delivery van applications, stationary PTO, etc. When drivers see a Level 1 Warning (see visor decal) they need to either operate these vehicles at highway speeds or perform a Parked Regen

Q. What are some causes of DPF plugging?

**A.** The DPF is actually doing what it is designed to do, which is catch soot. One or more of the following is causing the excessive soot buildup in the aftertreatment system:

- 1. Leaks in the intake system(boost) or lower that expected boost pressure or a leak in the exhaust system
  - -This includes intake and exhaust manifold gaskets, fey rings, clamps, hoses, flex pipes, and bellows tubes
- 2. Actuators that are not physically functioning as commanded
- 3. Low boost situations rooting from physical issues with the waste gate or turbo(s)
- 4. Under fueling conditions resulting from a plugged AFI or port





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