

DAIMLER

Daimler Trucks North America
Nasser Zamani
Senior Manager
Compliance and Regulatory Affairs

April 30, 2012

Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attention: Recall Management Division (NVS-215, Rm. W45-206)
1200 New Jersey Avenue S.E.
Washington D.C. 20590

**Re: Defect Information Report – Supplemental Report No. 1
12V-074, 12C2(FL-622), HDEP EPA07/EPA10 High Pressure Fuel Line Pump to Rail
Dealer and Owner Notification**

Ms. Lewis,

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Daimler Trucks North America LLC herewith submits supplemental defect information and copies of documents distributed to dealers and purchasers.

- (c)(3) Total number of vehicles potentially affected: 95,691**
- (c) (8)(ii) Dealers and distributor notification: April 23, 2012 and April 27, 2012
Owner notification: April 27, 2012**
- (c) (10) Copies of Communications sent to owners and dealers are attached.**

Please contact me if you have any questions.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, Chief Counsel, CAL-OSHA
Attachment

A Daimler Company

Daimler Trucks North America LLC
4747 N. Channel Avenue
Portland OR 97217-7699
503-745-6910 Phone
503-745-5544 Fax
Nasser.Zamani@Daimler.com

SAFETY RECALL BULLETIN

Subject: **Safety Recall 12C2**
EPA07/10 DD Platform High Pressure Fuel Feed Lines

Defect Involved

Detroit Diesel Corporation (DDC) has determined that some certified EPA07/10 DD platform engines will require inspection and *possible* replacement of the two high pressure fuel feed lines and supporting hardware from the high pressure fuel pump to the fuel rail.

This will prevent possible fuel leaks that may result in customer dissatisfaction.

Improved high pressure fuel feed line p-clip bolt retention became effective with engines manufactured after approximately February 1, 2012. Any engine manufactured before February 1, 2012, will need to have their two high pressure fuel feed lines and attaching hardware inspected.

There are approximately 111,320 engines affected by this Campaign.

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Engines Involved

A list of engines located in your area of responsibility that require this correction is attached.

The table below gives descriptive information to help identify the affected units:

Model Series	Model Number	Model Year	Inclusive Mfg. Date (From) (To)	Descriptive Information
DD13	D471901 D471903 D471910 D471911 D471913 D471914 D471915 D471917 D471920	2008 2009 2010 2011 2012	May, 2008 to February 1, 2012	All applications
DD15	D472900 D472901 D472902 D472903 D472904 D472907	2006 2007 2008 2009 2010 2011 2012	September, 2006 to February 1, 2012	All applications
DD16	D473901 D473902	2009 2010 2011 2012	June, 2009 to February 1, 2012	All applications

Owner Notification

Detroit Diesel will notify owners of equipment incorporating engines identified with this safety recall. A copy of the owner letter that will be used by Detroit Diesel is enclosed with this recall notice.

Distributor / Dealer Modification Responsibility

Detroit Diesel Repair Facilities are to service all engines subject to this recall. The recall is to be performed at no charge to owners on all affected engines under the provisions of this recall notice.

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Please use the appropriate steps, noted below, for indicating that Emission Recall 12C2 has been completed.

Freightliner, Sterling, and Western Star Trucks

- Check the base label (**Form WAR259**) to see if **Safety Recall 12C2** has been completed. The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. If **Safety Recall 12C2** has been completed, no further work is needed. If base label is not located on the passenger-side door, please affix label (**Form WAR259**) 12 inches or 30 cm from the door latch.
- Upon completion of **Safety Recall 12C2**, clean a spot on the base label (**Form WAR259**), write the Safety Recall Number (**12C2**) on a blank, red completion sticker (**Form WAR260**), and attach it to the base label.

Ordering Information

1. If you do not have the appropriate Form or Labels (DDC_WAR 259, DDC_WAR 260, DDC_WAR 261), they can be ordered them from Access EPI by going to the Detroit Diesel Extranet and click on Access EPI as well as going directly to ddc@epiinc.com.
2. You can also fax in your order to **(269) 968-4260**; *or*
3. Contact EPI directly at **(269) 964-4600 Ext. 5806**.

Parts Information

There are no parts required for this Recall.

Corrective Procedure

1. Apply the parking brake, disconnect the batteries, chock the wheels, and perform any other applicable safety steps.

NOTICE:

If "12C2" is shown on a base label (Form WAR259) on the passenger-side door **OR** "12C2" is labeled on the Fuel Rail under the fuel feed line fittings (see Figure 6), no further work is necessary since the Recall has already been completed.

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2. Torque only the **TOP** three Fuel Rail Clamp bolts to 10Nm (88 in·lb). If **ANY** Fuel Rail Clamp bolts are missing, replace with P/N: A0009905707 and torque to 10 Nm (88 in·lb).

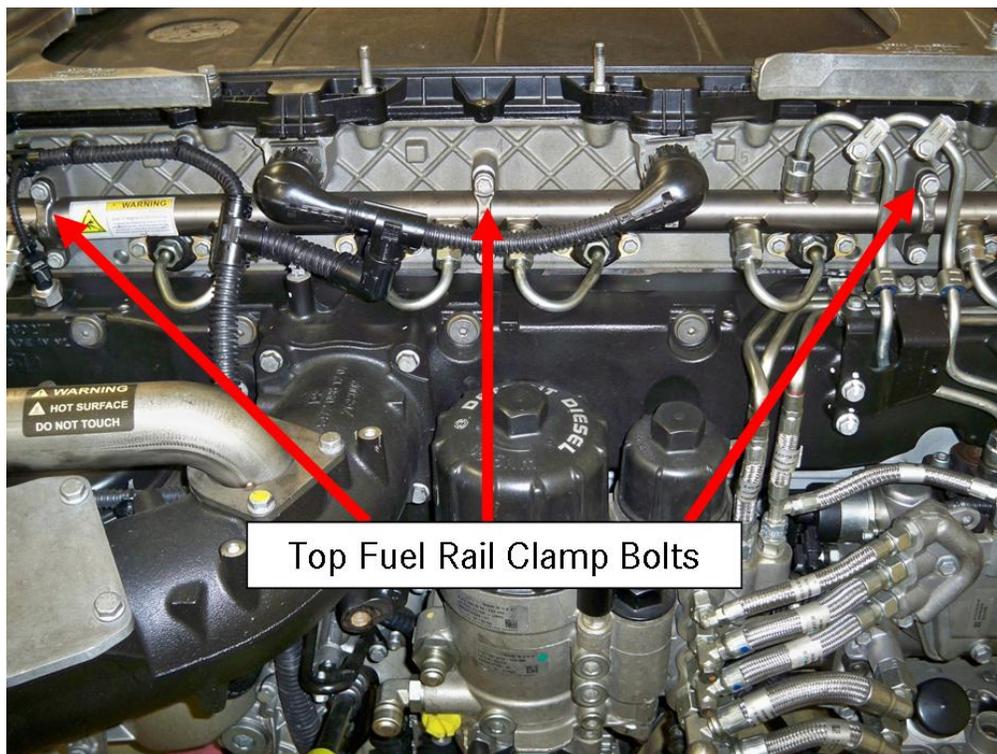


Figure 1 – Top Fuel Rail Clamp Bolts

3. Perform a **VISUAL** inspection to check for missing parts or evidence of fuel leaks. Inspect the High Pressure Fuel Feed Line Mounting Bracket and its attaching bolts, the two P-Clips for the High Pressure Fuel Feed Lines, the two High Pressure Fuel Feed Line Vibration Dampers, and the two High Pressure Fuel Feed Lines. Do not attempt to loosen, tighten or otherwise disturb any of the parts at this time. See Figures 2 and 3.

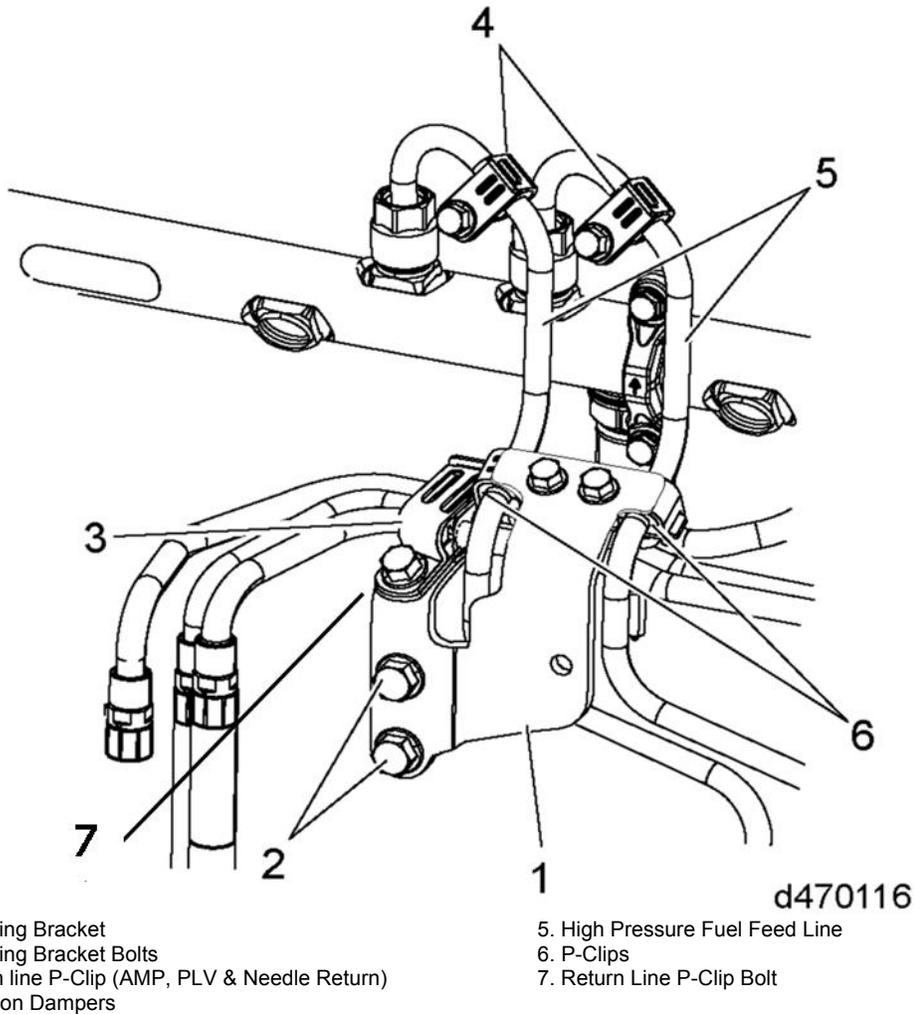
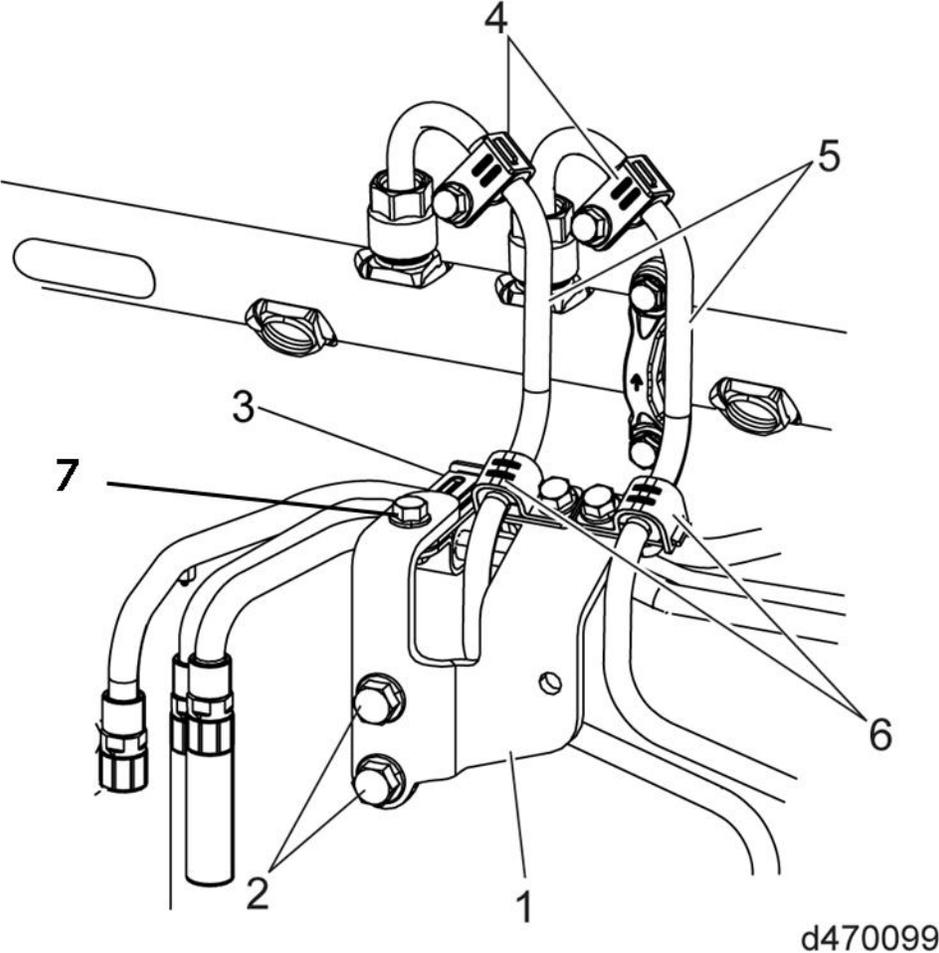


Figure 2 – DD15/16 Engines Before Engine Serial Number 472901S0012796



- 1. Mounting Bracket
- 2. Mounting Bracket Bolts
- 3. Return line P-Clip (AMP, PLV & Needle Return)
- 4. Vibration Dampers

- 5. High Pressure Fuel Feed Line
- 6. P-Clips
- 7. Return Line P-Clip Bolt

Figure 3 – DD15/16 Engines After Engine Serial Number 472901S0012796 And All DD13 Engines

4. Visual inspection results:
 - a. If the Return Line P-clip bolt (7) is missing, replace with bolt P/N: N910105006023.
 - b. If the Return Line P-clip (3) itself is missing, replace with:
 - For DD13, replace with P/N: A4720780341.
 - For DD15/16 engines built before serial number 472901S0012796, replace with P/N: A4720780341.
 - For DD15/16 engines built after serial number 472901S0012796, replace with P/N: A4720780041.
 - c. If any of the bolts holding the High Pressure Fuel Feed Line Vibration Dampers (4), High Pressure Fuel Feed Line P-clips (6), or High Pressure Fuel Feed Line Mounting Bracket (2) are missing or damaged, proceed to step 11.
 - d. If any part of the High Pressure Fuel Feed Line Vibration Dampers (4) or High Pressure Fuel Feed Line P-clips (6) are missing or damaged, proceed to step 11.
 - e. If no parts are missing or damaged, and no evidence of fuel leaks are observed, proceed to step 5.

5. Begin a **PHYSICAL** inspection by doing with the following. See Figure 4.
 - a. Using a paint pen, scribe a line across the two Vibration Damper bolts to the middle of the Vibration Damper.
 - b. Using a paint pen, scribe a line across the two bolts holding the two High Pressure Fuel Feed Line P-Clips to the Mounting Bracket.

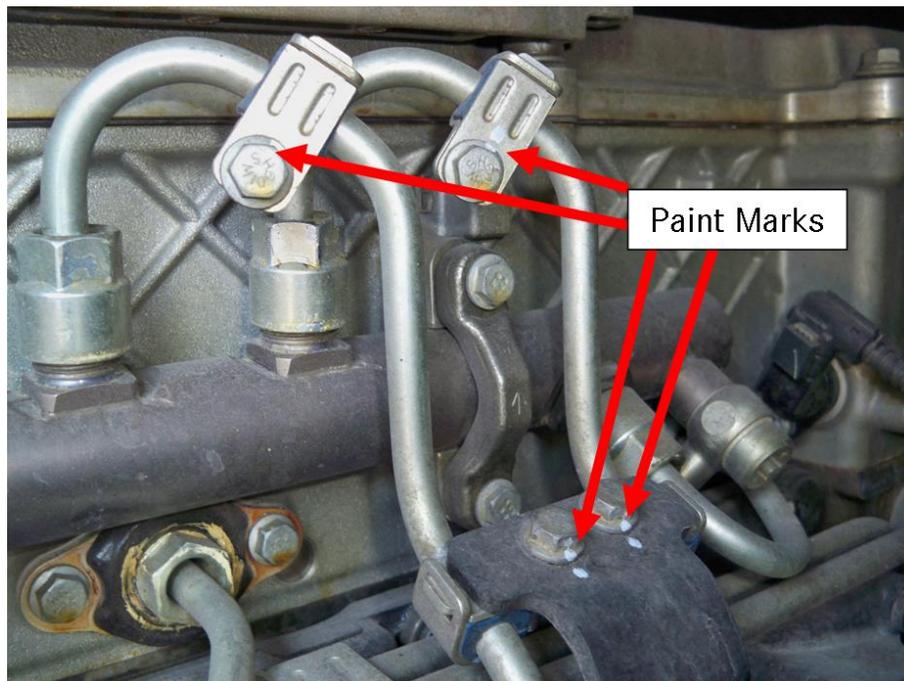


Figure 4 – Paint Marks on Vibration Damper Bolts and High Pressure Fuel Feed Line P-Clip Bolts

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6. Torque all four bolts on the two Vibration Dampers and the two High Pressure Fuel Feed Line P-Clips to 12Nm (106 in·lb).
7. Inspect the scribe lines on the two Vibration Dampers and the two High Pressure Fuel Feed Line P-Clips to make sure the scribe lines have not moved. If any of the scribe lines are no longer inline proceed to step 11.
8. Using a paint pen, scribe a line from the middle of the two Mounting Bracket bolts to the Mounting Bracket. See Figure 5.

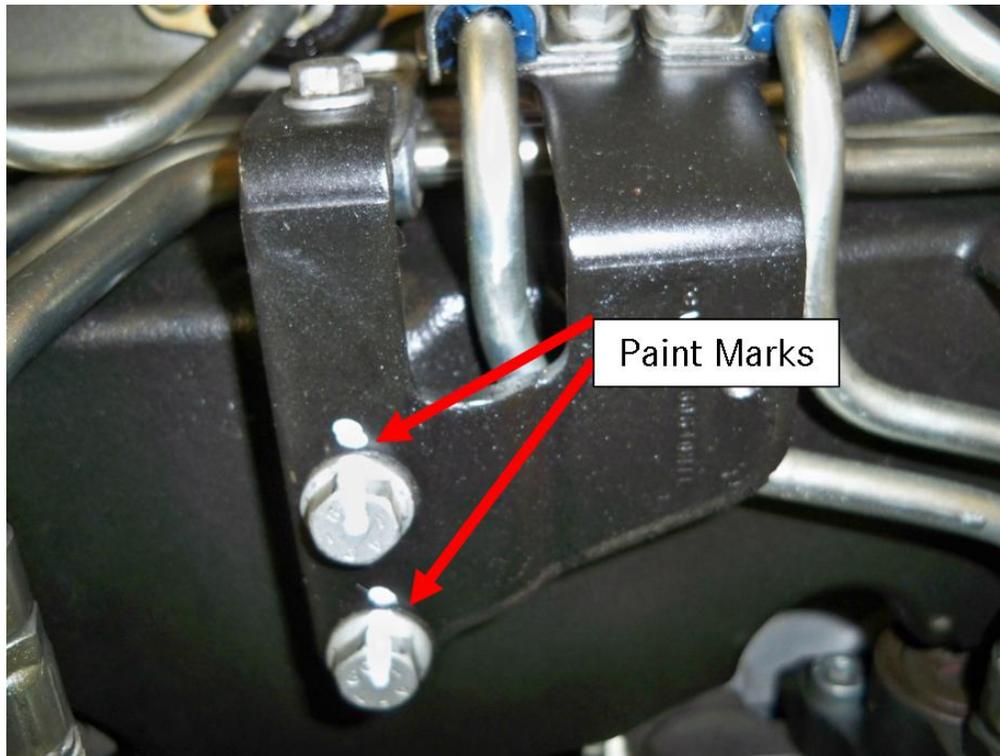


Figure 5 – Paint Marks on Mounting Bracket Bolts

9. Torque both Mounting Bracket bolts to 25Nm (18 ft·lb).
10. Inspect the scribe lines on the two Mounting Bracket bolts and Mounting Bracket.
 - a. If any of the scribe lines are no longer inline proceed to step 11.
 - b. If the scribe lines are still inline, proceed to step 12.

NOTICE:

Special tool J-48770 will be required to service the High Pressure Fuel Feed Lines.

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11. If you were sent here from step 4, step 7, or step 10, **DO NOT** attempt to drive the vehicle. Replace the two High Pressure Fuel Feed Lines and attaching hardware using one of the following service kits. Do **NOT** order the kit unless it is needed.
 - a. For DD15/16 engines, order service kit P/N: A4720707032 and follow 18SP685 instructions included in the kit.
 - b. For DD13 engines, order service kit P/N: A4720707132 and follow 18SP688 instructions included in the kit.
12. Using a paint pen, write the campaign number “12C2” on the Fuel Rail under the High Pressure Fuel Feed Line fittings. See Figure 6.



Figure 6 – 12C2 Identification on Fuel Rail.

13. Write the Safety Recall Number (12C2) on a blank, red completion sticker (**Form WAR260**).
14. Open the passenger-side door. About 12 inches (30 cm) below the door latch there will be a base label (**Form WAR259**). If the base label is not located on the passenger-side door, affix a new base label (**Form WAR259**) 12 inches or 30 cm below the door latch.
15. Clean a spot on the base label (**Form WAR259**) and attach the red completion sticker (**Form WAR260**) on to the clean base label (**Form WAR259**).

Warranty Information

Note:	Choose <u>Only One</u> Operation That Applies To Your Complete Recall Involvement Of The Vehicle.
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Claim Type:	04
Modification:	12C2
Fault Type:	ZZ
Primary Failed Part:	N910105006026

Labor Code:	R12C2A Inspection Only (All Models)
Labor Time:	0.3 Hours (Service Level 1,2&3) 0.5 Hours (Service Level 4)

Labor Code:	R12C2AB Inspection And Fuel Line Replacement All Model Vehicles Except Cascadia 113 Only, M2, Sterling And Western Star Model Trucks
Labor Time:	1.4 Hour (All Service Levels)

Labor Code:	R12C2AC Inspection And Fuel Line Replacement Cascadia 113, M2, Sterling and Western Star Model Trucks.
Labor Time:	2.1 Hour (Service Level 1,2,&3) 2.3 Hour (Service level 4)

Labor Code:	R12C2D Use This Operation If The Inspection Of the Fuel Lines Was Performed By An Authorized Fleet Customer And The Vehicle Was Delivered To You For Fuel Line Replacement. All Model Vehicles Except Cascadia 113 Only, M2, Sterling and Western Star Model Trucks.
Labor Time:	1.1 Hour (All Service Levels)

Labor Code:	R12C2E Use This Operation If The Inspection Of the Fuel Lines Was Performed By An Authorized Fleet Customer And The Vehicle Was Delivered To You For Fuel Line Replacement. Cascadia 113, M2, Sterling And Western Star Model Trucks
Labor Time:	1.8 Hour (Service Level 1,2,&3) 2.0 Hour (Service Level 4)

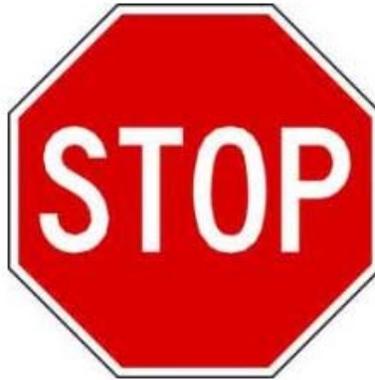
Parts Return:	NONE
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Should you have any additional questions, please contact Detroit Diesel.



DETROIT[™]
DEMAND PERFORMANCE[™]

**18SP685 – EPA07/10 DD15/16 High Pressure
Fuel Feed Lines, Mounting Bracket, Vibration
Dampers and P-clips Service Kit
(P/N: A4720707032)**



WARNING:

PERSONAL INJURY

All parts provided within this kit must be installed in the proper locations, and **MUST** be fastened to the specified torque. Failure to properly torque hardware/components will result in failure of a high pressure fuel feed line, resulting in possible fire and/or personal injury.



WARNING:

PERSONAL INJURY

All parts provided within this kit are single-use items and cannot be re-used. Re-use of hardware/component items may result in the failure of a high pressure fuel line, resulting in possible fire and/or personal injury.

NOTICE:

Failure to follow these instructions will result in catastrophic damage to the engine and will not be covered under warranty.

KIT DESCRIPTION

This service kit includes all necessary parts to replace the high pressure fuel feed lines, mounting bracket and vibration dampers in the event one of these parts are loosened, removed or missing from the engine.

KIT CONTENTS

Service kit P/N: A4720707032 contains all of the necessary parts to replace the high pressure fuel feed lines on EPA07/10 DD15/16 engines.

Part No.	Qty.	Description
A4720780210	2	High pressure fuel feed line
A4720700240	4	Vibration damper
N910105006023	5	Bolt M6x16mm
N910105008011	2	Bolt M8x20mm
A4720780041	1	Return line P-clip
A4720700140	1	Mounting bracket
24210	1	Permatex® Medium Strength Threadlocker BLUE
18SP685	1	Installation Instructions

Removal of the High Pressure Fuel Rail Feed Lines

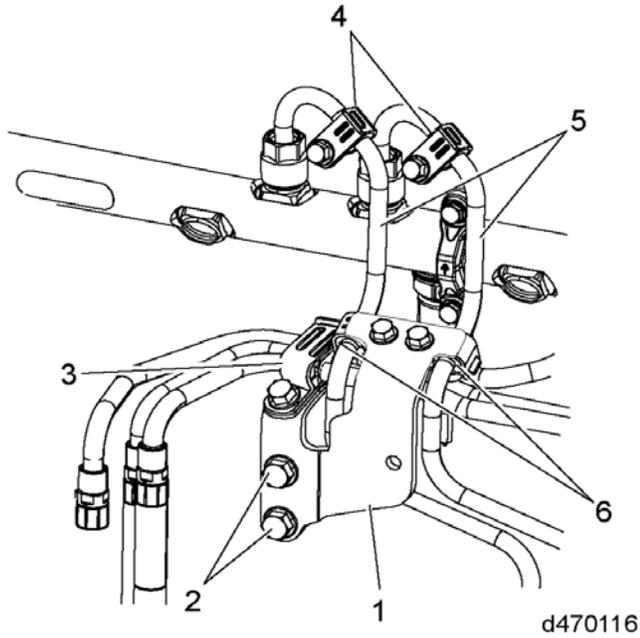
Remove as follows:



WARNING:

PERSONAL INJURY

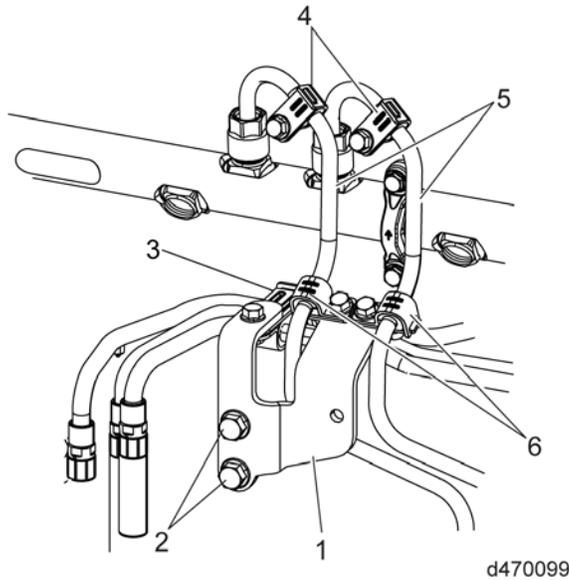
To prevent the escape of high pressure fuel that can penetrate skin, ensure the engine has been shut down for a minimum of 10 minutes before servicing any component within the high pressure circuit. Residual high fuel pressure may be present within the circuit.



d470116

Engines with a serial number before 472901S0012796

Item	Component
1	Mounting bracket
2	Mounting bracket bolts
3	Return lines P-clip and bolt
4	Vibration dampers and bolts
5	High pressure fuel feed lines
6	Vibration dampers and bolts



Engines with a serial number after 472901S0012796

Item	Component
1	Mounting bracket
2	Mounting bracket bolts
3	Return lines P-clip and bolt
4	Vibration dampers and bolts
5	High pressure fuel feed lines
6	Vibration dampers and bolts

1. Disconnect the batteries.
2. Remove and discard the return lines P-clip bolt from the mounting bracket.
3. Remove and discard the two bolts and vibration dampers (6) from the mounting bracket (1).
4. Remove and discard the mounting bracket bolts (2) from the intake manifold and discard the mounting bracket (1)

NOTE:

When using tool J-48770 to remove the high pressure pump rail feed lines, hold the high pressure pump fitting with a 24mm wrench.

5. Using tool J-48770, remove and discard the high pressure pump rail feed lines (5) and vibration dampers (4) from the fuel rail and high pressure fuel pump..
6. Remove and discard the return lines P-clip (3).

Installation of the High Pressure Fuel Rail Feed Lines

Install as follows:

NOTE:

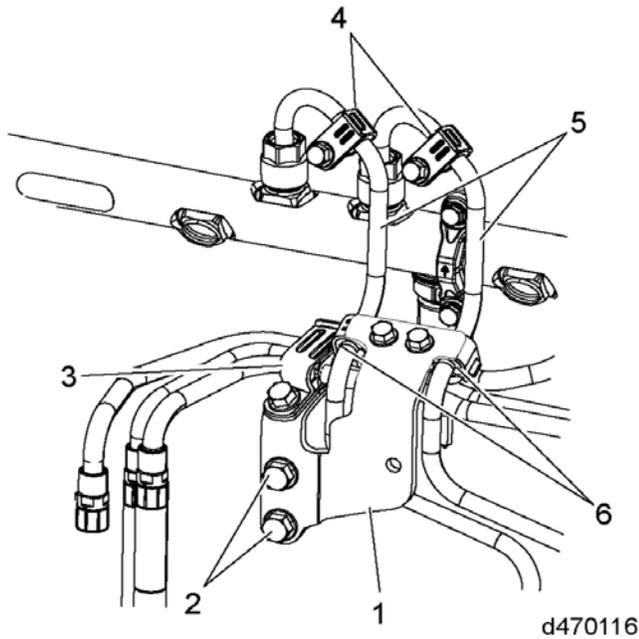
DO NOT install bolts and fittings using power tools. All bolts and fittings MUST be installed using hand tools.



WARNING:

PERSONAL INJURY

All hardware/components must be installed in the proper locations, and MUST be fastened to the specified torque. Failure to properly torque hardware/components will result in failure of a high pressure fuel feed line, resulting in possible fire and/or personal injury.

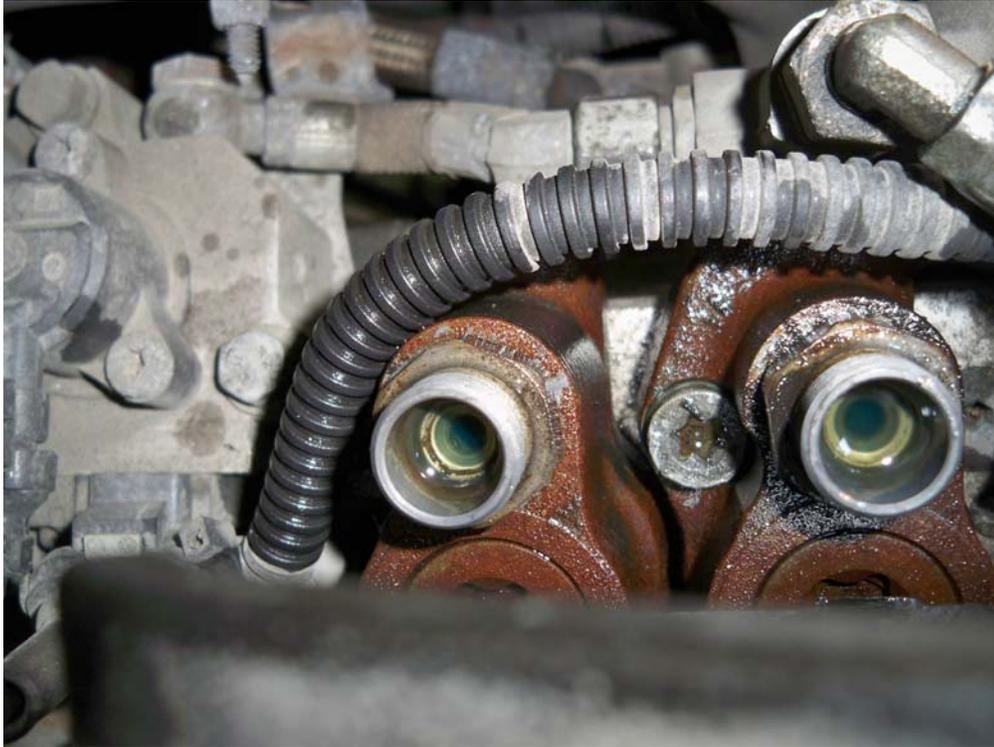


Item	Component	Part number
1	Mounting bracket	A4720700140
2	Mounting bracket bolts	N910105008011
3	Return lines P-clip and bolt	A4720780041 and N910105006023
4	Vibration dampers and bolts	A4720700240 and N910105006023
5	High pressure fuel feed lines	A4720780210
6	Vibration dampers and bolts	A4720700240 and N91015006023

NOTE:

The new return line P-clip is installed on the return lines so the mounting bracket is under the return line P-clip.

1. Install the new return lines P-clip (3) (P/N: A4720780041) on to the return lines.
2. Clean the sealing area inside the high pressure fuel pump fittings using a clean lint free cloth.



3. Clean the sealing area inside the high pressure fuel rail using a clean lint free cloth.



4. Install the rear high pressure fuel line (5) (P/N: A4720780210) to the fuel rail and the high pressure fuel pump. Hand tighten the nuts.
5. Using tool J-48770, torque the rear high pressure fuel line nuts to 40 N·m (30 lb·ft).
6. Install the front high pressure fuel line (5) (P/N: A4720780210) to the fuel rail and the high pressure fuel pump. Hand tighten the nuts.
7. Using tool J-48770, torque the front high pressure fuel line nuts to 40 N·m (30 lb·ft).
8. Apply Permatex® Medium Strength Threadlocker Blue (P/N: 24210) to all seven new bolts provided in this kit (P/N: N910105006023 and N910105008011).

NOTICE:

Permatex® Medium Strength Threadlocker Blue MUST be applied to the new bolts (P/N: N910105006023 and N910105008011) before installing them.

9. Install the new mounting bracket (1) (P/N: A4720700140) and two new mounting bracket bolts (2) (P/N: N910105008011) to the intake manifold. Torque to 30 N·m (22 lb·ft).
10. Install two new vibration dampers (6) (P/N: A4720700240) and two new bolts (P/N: N910105006023) to the high pressure fuel rail feed lines and the mounting bracket (1). Torque to 15 N·m (132 lb·in.).
11. Install two new vibration dampers (4) (P/N: A4720700240) and two new bolts (P/N: N910105006023) on to the high pressure fuel rail feed lines. (Refer to illustration for proper location of the vibration dampers). Torque to 15 N·m (132 lb·in.).
12. Install a new bolt (P/N: N910105006023) on to the return lines P-clip. Torque to 15 N·m (132 lb·in.).

NOTICE:|

DO NOT use high pressure fuel lines without new vibration dampers and new bolts installed.

13. Connect the batteries.
14. Prime the fuel system. [Refer to section "Priming of the Fuel System Using ESOC 350 Fuel Priming Pump"](#)
15. Perform the Rail Pressure Bleed-Off test to verify that there are no leaks. [Refer to section "Rail Pressure Bleed-Off Test Using DDDL \(EPA07\)"](#)
[Refer to section "Fuel Injection System \(FIS\) Leak Detection \(EPA10\)"](#)
16. If there are leaks, find the leak and repair, as necessary.



13400 Outer Drive, West, Detroit, Michigan 48239-4001
Telephone: 313-592-5000
www.detroitdiesel.com

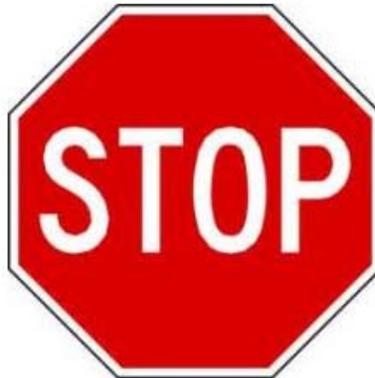
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18SP685 1204 As technical advances continue, specifications will change. Printed in U.S.A.



DETROIT[™]
DEMAND PERFORMANCESM

**18SP688 – EPA07/10 DD13 High Pressure Fuel
Feed Lines, Mounting Bracket, Vibration Dampers
and P-clips Service Kit (P/N: A4720707132)**



WARNING:

PERSONAL INJURY

All parts provided within this kit must be installed in the proper locations, and **MUST** be fastened to the specified torque. Failure to properly torque hardware/components will result in failure of a high pressure fuel feed line, resulting in possible fire and/or personal injury.



WARNING:

PERSONAL INJURY

All parts provided within this kit are single-use items and cannot be re-used. Re-use of hardware/component items may result in the failure of a high pressure fuel line, resulting in possible fire and/or personal injury.

NOTICE:

Failure to follow these instructions will result in catastrophic damage to the engine and will not be covered under warranty.

KIT DESCRIPTION

This service kit includes all necessary parts to replace the high pressure fuel feed lines, mounting bracket, vibration dampers and p-clips in the event one of these parts are loosened, removed or missing from the engine.

KIT CONTENTS

Service kit P/N: A4720707132 contains all of the necessary parts to replace the high pressure fuel feed lines on EPA07/10 DD13 engines.

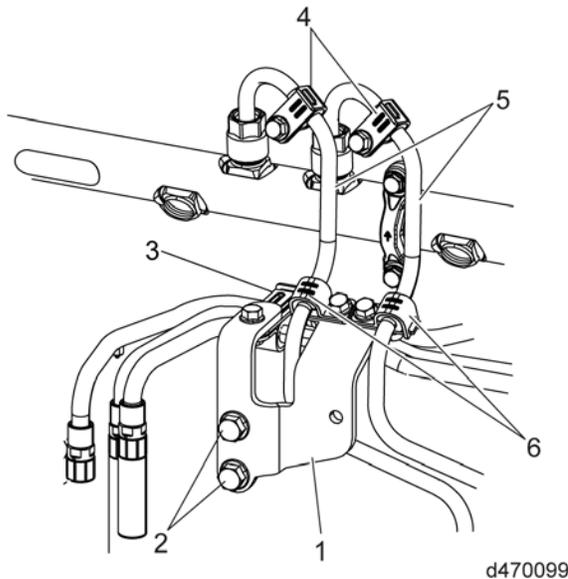
Part No.	Qty.	Description
A4710780010	2	High pressure fuel feed line
A4720700240	2	Vibration damper
A4720700540	2	P-clips
N910105006023	5	Bolt M6x16mm
A4720780341	1	Return line P-clip
N910105008011	2	Bolt M8x20mm
A4710760240	1	Mounting bracket
24210	1	Permatex® Medium Strength Threadlocker Blue
18SP688	1	Installation Instructions

Removal of the High Pressure Fuel Rail Feed Lines

Remove as follows:

**WARNING:****PERSONAL INJURY**

To prevent the escape of high pressure fuel that can penetrate skin, ensure the engine has been shut down for a minimum of 10 minutes before servicing any component within the high pressure circuit. Residual high fuel pressure may be present within the circuit.



d470099

Item	Component
1	Mounting bracket
2	Mounting bracket bolts
3	Return lines P-clip and bolt
4	Vibration dampers and bolts
5	High pressure fuel feed lines
6	P-clips and bolts

1. Disconnect the batteries.
2. Remove and discard the return lines P-clip bolt from the mounting bracket.
3. Remove and discard the two bolts and P-clips (6) from the mounting bracket (1).
4. Remove and discard the mounting bracket bolts (2) from the intake manifold and discard the mounting bracket (1)

NOTE:

When using tool J-48770 to remove the high pressure pump rail feed lines, hold the high pressure pump fitting with a 24mm wrench.

5. Using tool J-48770, remove and discard the high pressure pump rail feed lines (5) and vibration dampers (4) from the fuel rail and high pressure fuel pump.
6. Remove and discard the return lines P-clip (3).

Installation of the High Pressure Fuel Rail Feed Lines

Install as follows:

NOTE:

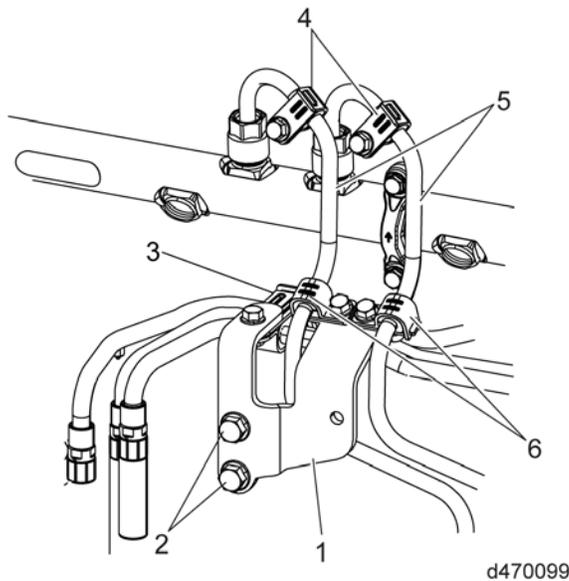
DO NOT install bolts and fittings using power tools. All bolts and fittings MUST be installed using hand tools.



WARNING:

PERSONAL INJURY

All hardware/components must be installed in the proper locations, and MUST be fastened to the specified torque. Failure to properly torque hardware/components will result in failure of a high pressure fuel feed line, resulting in possible fire and/or personal injury.



Item	Component	Part number
1	Mounting bracket	A4710760240
2	Mounting bracket bolts	N910105008011
3	Return lines P-clip and bolt	A4720780341 and N910105006023
4	Vibration dampers and bolts	A4720700240 and N910105006023
5	High pressure fuel feed lines	A4710780010
6	P-clips and bolts	A4720700540 and N910105006023

1. Install the new return lines P-clip (3) (P/N: A4720780341) on to the return lines.
2. Clean the sealing area inside the high pressure fuel pump fittings using a clean lint free cloth.



3. Clean the sealing area inside the high pressure fuel rail using a clean lint free cloth.



4. Install the rear high pressure fuel line (5) (P/N:A4710780010) to the fuel rail and the high pressure fuel pump. Hand tighten the nuts.
5. Using tool J-48770, torque the rear high pressure fuel line nuts to 40 N·m (30 lb·ft).

6. Install the front high pressure fuel line (5) (P/N: A4710780010) to the fuel rail and the high pressure fuel pump. Hand tighten the nuts.
7. Using tool J-48770, torque the front high pressure fuel line nuts to 40 N·m (30 lb·ft).
8. Apply Permatex® Medium Strength Threadlocker Blue (P/N: 24210) to all seven new bolts provided in this kit (P/N: N910105006023 and N910105008011).

NOTICE:

Permatex® Medium Strength Threadlocker Blue MUST be applied to the new bolts (P/N: N910105006023 and N910105008011) before installing them.

9. Install the new mounting bracket (1) (P/N: A4710760240) and two new mounting bracket bolts (2) (P/N: N910105008011) to the intake manifold. Torque to 30 N·m (22 lb·ft).
10. Install two new P-clips (6) (P/N: 4720700540) and two new bolts (P/N: N910105006023) to the high pressure fuel rail feed lines and the mounting bracket (1). Torque to 15 N·m (132 lb·in.).
11. Install two new vibration dampers (4) (P/N: A4720700240) and two new bolts (P/N: N910105006023) on to the high pressure fuel rail feed lines. (Refer to illustration for proper location of the vibration dampers). Torque to 15 N·m (132 lb·in.).
12. Install a new bolt (P/N: N910105006023) on to the return lines P-clip. Torque to 15 N·m (132 lb·in.).

NOTICE:

DO NOT use high pressure fuel lines without new vibration dampers, P-clips and new bolts installed.

13. Connect the batteries.
14. Prime the fuel system. [Refer to section "Priming of the Fuel System Using ESOC 350 Fuel Priming Pump"](#)
15. Perform the Rail Pressure Bleed-Off test to verify that there are no leaks. [Refer to section "Rail Pressure Bleed-Off Test Using DDDL \(EPA07\)"](#)
[Refer to section "Fuel Injection System \(FIS\) Leak Detection \(EPA10\)"](#)
16. If there are leaks, find the leak and repair, as necessary.



13400 Outer Drive, West, Detroit, Michigan 48239-4001
Telephone: 313-592-5000
www.detroitdiesel.com

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18SP688 1204 As technical advances continue, specifications will change. Printed in U.S.A.

Daimler Trucks North America LLC

Daimler Trucks North America LLC

Detroit Diesel Corporation
13400 Outer Drive, West
Detroit, Michigan 48239-4001
Telephone: 313-592-5000

**Subject: Safety Recall 12C2
HDEP EPA07 / EPA10 High Pressure Fuel Line, Pump to Rail**

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. This notice is also sent in accordance with the Canada Motor Vehicles Safety Act.

Daimler Trucks has decided that a defect which relates to motor vehicle safety exists in certain model year 2006 through 2013 Freightliner (114SD, Business Class M2, Cascadia, Century, Columbia and Coronado), Sterling (9500) and Western Star (4700, 4900 and 6900) vehicles, manufactured from January 20, 2006 through February 20, 2012 and equipped with Detroit Diesel EPA07 and EPA10, DD13 and DD15/16 engines with a pump to rail High Pressure Fuel Line support system.

Detroit Diesel Corporation has determined that the pump to rail High Pressure Fuel Line (HPFL) support system on certain EPA07 and EPA10 DD13 and DD15/16 engines is sensitive to assembly torque and may be damaged during rework. Incorrect torque applied to the dampener p-clip fasteners may damage the fasteners allowing the p-clips to become loose potentially leading to fuel line cracking and a fuel leak. A substantial diesel fuel leak may create a road hazard increasing the risk of motor vehicle crash.

Please contact a Detroit Diesel Authorized Repair Facility to arrange to have the Recall performed and to ensure that parts are available. To locate an authorized facility, search online at www.detroitdiesel.com/locations/default.aspx. The Recall will take approximately 1.0 hour(s) and will be performed at no charge to you. Also, owners may be liable for any progressive damage that results from failure to complete this recall within a reasonable time after receiving this notification.

IMPORTANT: Upon completion of Safety Recall 12C2 check the base label which is located on the passenger side door, approximately 12 inches (30 cm) below the door latch, to ensure that a label has been affixed to your vehicle referencing **12C2**.

If you do not own the unit that corresponds to the identification number(s) which appears on the Recall Notification, please return the notification with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, Federal law requires that you forward this notice to the lessee within ten days. If you are a subsequent stage manufacturer, Federal law requires that you forward this notice to your distributors and retail outlets within five working days. If you have paid to have this recall condition corrected prior to this notice, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. For reimbursement consideration please mail a copy of the repair order and proof of payment to the following address:

Detroit Diesel Corporation, Warranty Administration 13400 Outer Drive West, Detroit, MI 48239-4001

If you have questions about this Recall, please contact the **Detroit Diesel Customer Support Center**, 13400 Outer Drive West, Detroit, MI 48239, or call **(800) 445-1980** between **8:00 a.m. to 7:00 p.m. Monday through Friday and 9:00 a.m. to 3:00 p.m. on Saturday Eastern Standard Time**. If your dealer or an authorized Detroit Diesel service center fails or is unable to remedy this defect without charge and within a reasonable time you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call 888 327-4236 (TTY: 800-424-9153), or go to <http://www.safercar.gov> if remedy difficulties exist. For **Canadian** customers, **please** contact our customer service or for additional info about the recall, you can contact **Transport Canada at (800) 333-0510**.

We regret any inconvenience this action may cause but feel certain you understand our interest in motor vehicle safety.

Daimler Trucks North America LLC

Daimler Trucks North America LLC

Detroit Diesel Corporation
13400 Outer Drive, West
Detroit, Michigan 48239-4001
Telephone: 313-592-5000

Attn: Original Equipment Manufacturer

**Subject: Safety Recall 12C2
HDEP EPA07 / EPA10 High Pressure Fuel Line, Pump to Rail**

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. This notice is also sent in accordance with the Canada Motor Vehicles Safety Act.

Daimler Trucks has decided that a defect which relates to motor vehicle safety exists in certain model year 2009 through 2012 vehicles (Van Hool, Motor Coach Industries, Oshkosh Corporation, Pierce Manufacturing, Terex Advance, Terex Cranes), manufactured from April 22, 2009 through February 1, 2012, equipped with Detroit Diesel EPA07 and EPA10 DD13 engines with a pump to rail High Pressure Fuel Line support system.

Detroit Diesel Corporation has determined that the pump to rail High Pressure Fuel Line (HPFL) support system on certain EPA07 and EPA10 DD13 engines is sensitive to assembly torque and may be damaged during rework. Incorrect torque applied to the dampener p-clip fasteners may damage the fasteners allowing the p-clips to become loose potentially leading to fuel line cracking and a fuel leak. A substantial diesel fuel leak may create a road hazard increasing the risk of motor vehicle crash.

Our records indicate that some of the affected engines were shipped to you. A list of those engine serial numbers is enclosed.

To help assure customer satisfaction with the equipment you have assembled with these engines, owners of these affected engines should be instructed to contact their Detroit Diesel service outlet to arrange a service date to have the necessary repairs completed.

This service will be completed at no charge to owners of all affected engines under the engine warranty or under the provisions of this Recall notice.

Instructions for the campaign have been sent to all Detroit Authorized Repair Facilities. The time necessary to modify these engines is approximately **1.0** hour.

If you wish to have Detroit Diesel notify owners of your equipment please provide the following information in an excel file:

- **Equipment Identification Numbers (related to the serial numbers of the engines corresponding to each piece of equipment)**
- **Customer Name**
- **Mailing Address**

This information can be sent to catherine.zaleski-wais@daimler.com. Otherwise, you may notify your owners by sending the attached letter. Please advise Detroit Diesel of your wishes within 30 days of receipt of this letter.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of continued customer satisfaction with both your products and ours.