

FIELD SERVICE CAMPAIGN

Subject: **Field Service Campaign 13M2**
EPA07/10 DD Engine EGR Delta Pressure Sensor Replacement

Defect Involved

Detroit Diesel has determined that some certified EPA07 and EPA10 DD engines will require EGR Delta Pressure Sensor replacement. Replacement of the sensor may prevent failures that may result in customer dissatisfaction.

The EGR Delta Pressure Sensor being **REMOVED** in this campaign is P/N: **A0061537928**.

NOTICE:
Some engines may have already been upgraded to the new sensor during a previous repair. Please be sure the sensor being removed is P/N: A0061537928 . Check the Detroit Diesel Warranty System to verify that Field Service Campaign 13M2 is still active for the engine.

The new sensor became effective with DD15 engine s/n 472903S0103639 and DD13 engine s/n 471903S0103500, both built on November 2, 2011. Please note that we do not build sequentially.

There are approximately **79,850** engines involved in this campaign.

Engines Involved

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

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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		May, 2008 to November 2, 2011	All applications
	D471903			
	D471910	2008		
	D471911	2009		
	D471913	2010		
	D471914	2011		
	D471915			
DD15	D472900		January, 2007 to November 2, 2011	All applications
	D472901	2007		
	D472902	2008		
	D472903	2009		
	D472904	2010		
	D472907	2011		
DD16	D473901	2010	June, 2009 to November 2, 2011	All applications
	D473902	2011		

Owner Notification

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

Distributor / Dealer Campaign Responsibility

Detroit Diesel Repair Facilities are to service all engines subject to this field service campaign. Field Service Campaign 13M2 is to be performed at no charge to owners on all affected engines under the engine warranty or prior to **September 23, 2014**, under the provisions of this field service campaign.

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Please use the appropriate steps, noted below, for indicating that Field Service Campaign 13M2 has been completed.

Freightliner, Sterling, and Western Star Trucks

- Check the base label (**Form WAR259**) to see if **Field Service Campaign 13M2** has been completed. The base label is usually located on the passenger-side door about 30 cm (12 inches) below the door latch. If **Field Service Campaign 13M2** has been completed, no further work is needed. If base label is not located on the passenger-side door, please affix label (**Form WAR259**) 30 cm (12 inches) from the door latch.
- Upon completion of **Field Service Campaign 13M2**, clean a spot on the base label (**Form WAR259**), write the Field Service Campaign Number (**13M2**) on a blank, **black** completion sticker (**Form WAR261**), 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 from **RR Donnelly** by going to **www.DDCSN.com** and clicking on Literature / Ordering Literature.
2. You can also fax in your order to **(800) 773-1430 – ATTN: Jacqueline**
3. Contact **RR Donnelly** at **(800) 280-4520**.

Parts Information

The sensor and other necessary parts to replace it are in service kit P/N: A0001502525. This kit allows the EGR venturi pipe to be reused. Do not remove the EGR venturi pipe from the engine.

Corrective Procedure

1. Shut off engine and apply the parking brake, chock the wheels, disconnect vehicle battery power, and perform any other applicable safety steps.

NOTICE:

Make sure the part number of the sensor being removed is P/N: **A0061537928**. Do **NOT** remove sensor P/N: A4701530028.

2. Check the part number of the sensor currently installed on the engine.
Reference Figure 1.
 - a. If the part number is **A4701530028**, then no further work is needed, update the door sticker to indicate that 13M2 is complete.
 - b. If the part number is **A0061537928**, then continue with sensor replacement.



Figure 1 – EGR Delta Pressure Sensor Part Number Location

3. Replace the sensor with the new one in the service kit. **Reference** 18SP705 found in the kit.

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- Step 6 in 18SP705 states to clean the EGR venturi pipe ports to ensure they are not plugged. If the ports cannot be unplugged, the EGR venturi pipe can be replaced by using existing service kits P/N: A0091537828 (DD15/16) or P/N: A0091537728 (DD13).

NOTICE:

Note that we expect to see less than 1% of engines that will have severely plugged EGR venturi pipe ports. Excess sales of the venturi pipe service kits will be flagged for investigation.

- Start the engine and verify the repairs.

Warranty Information (Choose only one box below that applies)

Use the table below for performing 13M2 installing kit A0001502525 per 18SP705

Claim Type:	01
Campaign:	13M2
Fault Type:	ZZ
Primary Failed Part:	A0061537928
Labor:	0.4 Hours
Labor Code:	R13M2
Parts Return:	NO

Use the table below for performing 13M2 **only** if the venturi pipe is severely plugged and requires replacement using kit P/N: A0091537828 (DD15/16) or P/N: A0091537728 (DD13).

Claim Type:	01
Campaign:	13M2
Fault Type:	ZZ
Primary Failed Part:	A0061537928
Labor:	0.6 Hours
Labor Code:	R13M2A
Parts Return:	NO

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Use the table below when the vehicle has the alert on for 13M2 but is found to **already have** new style EGR delta P sensor P/N: A4701530028, requiring no repair.

Claim Type:	01
Campaign:	13M2
Fault Type:	ZZ
Primary Failed Part:	A0061537928
Labor:	0.1 Hours
Labor Code:	R13M2B
Parts Return:	NO

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.

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BULLETIN