

FIELD SERVICE CAMPAIGN

Subject: **Field Service Campaign 14M2**
S60 Export Injector Harness Replacement

Issue Involved

Detroit Diesel Corporation (DDC) has determined that some export S60 engines will require replacement of the injector harness. The injector harness wire insulation may crack, causing poor engine performance and fault codes. Replacing the injector harness will prevent performance issues and fault codes that may result in customer dissatisfaction.

There are approximately 273 engines affected by this Field Service Campaign.

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 Engine Mfg. Date (From) (To)	Descriptive Information
S60	6067-HG62	2014	January 7, 2014 to March 4, 2014	Export Applications

Owner Notification

Detroit Diesel will notify Export Distributor/Dealers who will notify owners of equipment incorporating engines identified with this Field Service Campaign. A copy of the owner letter that can be used for customer contact is enclosed with this Field Service Campaign bulletin.

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Distributor / Dealer Campaign Responsibility

Detroit Diesel repair facilities are to service all engines subject to this Field Service Campaign. Field Service Campaign 14M2 is to be performed at no charge to owners on all affected engines under the engine warranty or prior to **December 18, 2015**, under the provisions of this Field Service Campaign.

Please use the appropriate steps, noted below, for indicating that Field Service Campaign 14M2 has been completed.

Daimler Trucks North America Vehicles

- Check the base label (**Form WAR259**) to see if **Field Service Campaign 14M2** 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 14M2** 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 14M2**, clean a spot on the base label (**Form WAR259**), write the Field Service Campaign Number (**14M2**) 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 necessary parts for Field Service Campaign are shown in the table below.

Injector Harness Part Number	Application
23539314	With Jake Brakes®
23539315	Without Jake Brakes®

Corrective Procedure

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

 WARNING:
PERSONAL INJURY
To avoid injury before performing repair work on the engine, ensure the vehicle is parked on a level surface, parking brake is set, and the wheels are blocked.

 WARNING:
PERSONAL INJURY
To avoid injury from hot surfaces, wear protective gloves, or allow engine to cool before removing any component.

2. Disconnect battery power.
3. Remove the rocker cover cap. **Reference** section "Removal and Cleaning of the Two-Piece Rocker Cover For Diesel Engines Only" in the *EPA07 Series 60 Workshop Manual* (DDC-SVC-MAN-0005).
4. Remove and discard the fuel injector wiring harness. **Reference** section "Removal of the Fuel Injector Wiring Harness" in the *EPA07 Series 60 Workshop Manual* (DDC-SVC-MAN-0005).
5. Install the new fuel injector wiring harness by first installing the fuel injector wiring harness plug into the injector connector using installer tool J-47408, making sure the locking tang clicks into place.
6. If equipped with Jake Brakes®, connect the two lead wires to each of the Jake Brake® solenoid valves and the wire harness clips. Torque solenoid screws to 1 N·m (9 lb·in.).

7. Install the two 12-pin electrical connectors through the camshaft housing. Ensure the fuel injector wiring harness connector is installed into the camshaft housing with the notch facing upwards. If the connector is installed incorrectly, the mating connector cannot be installed. See Figure 1.



Figure 1 – 12-Pin Electrical Connectors

8. Install the two bolts securing each 12-pin connector to the camshaft housing. Torque the bolts to 9-12 ft-lbs (12-16 Nm).
9. On the outside of the camshaft housing, install the engine sensor harness 12-pin connectors to the front and rear fuel injector wiring harness connectors.
10. Install the rocker cover cap. **Reference** section “Installation of the Two-Piece Rocker Cover Cap - Diesel Engines Only” in the *EPA07 Series 60 Workshop Manual* (DDC-SVC-MAN-0005).
11. Reconnect battery power, start the engine, and verify repairs.

 CAUTION: ELECTRICAL SHOCK
To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

12. Repairs are complete.

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Warranty Information

Claim Type:	01
Campaign:	14M2
Fault Type:	ZZ
Primary Failed Part:	23539314 (with Jake Brake®) 23539315 (without Jake Brake®)
Labor Code:	R14M2A (with Jake Brake®) R14M2B (without Jake Brake®)
Labor:	1.8 Hours (with Jake Brake®) 1.6 Hours (without Jake Brake®)
Parts Return:	NONE

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