

# MODIFICATION BULLETIN

Subject: **Modification 06M-6**  
**MBE 4000 EGR EPA 04 Lifter Brackets**

## **Defect Involved**

Detroit Diesel Corporation (DDC) has determined that additional support brackets will need to be attached to the existing lifter bracket in order to reinforce the lifter bracket/water pump housing assembly. MBE 4000 EPA 04 engines equipped in Freightliner, Sterling, and Western Star applications are affected. The brackets will be installed as a service tool at the time of engine removal and will remain on the engine for the rest of its useful life. These brackets are designed to correct a potential safety problem if DDC Engine Removal Guidelines are **not** followed.

## **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:

<b>Model Series</b>	<b>Model Year</b>	<b>Inclusive Mfg. Date (From) (To)</b>	<b>Descriptive Information</b>
<b>MBE 4000</b>	<b>2004</b>	<b>January 2004 – May 19, 2005</b>	<b>Freightliner Applications Sterling Applications Western Star Applications</b>

## **Owner Notification**

Detroit Diesel Corporation will notify owners of equipment incorporating engines identified with this modification. A copy of the owner letter that will be used by DDC is enclosed with this bulletin.

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### Distributor / Dealer Modification Responsibility

Detroit Diesel Repair Facilities are to service all engines subject to Modification 06M-6. Modification 06M-6 is to be performed at no charge to owners on all affected engines under the engine warranty or prior to **December 20, 2008**, under the provisions of Modification 06M-6.

Please use the appropriate steps, noted below, for indicating that Modification 06M-6 has been completed.

#### Freightliner, Sterling, and Western Star Trucks

- Check the base label (\***Form WAR259**) to see if **Modification 06M-6** has been completed. The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. If Modification 06M-6 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 Modification 06M-6, clean a spot on the base label (**Form WAR259**), write the Modification Number (**06M-6**) on a blank, red completion sticker (\***Form WAR260**), and attach it to the base label.

### Parts Information

Quantity Required	Description	Part Number
1	Bracket Kit - Freightliner and Sterling	23536181
1	Bracket Kit – Western Star	23536182

**Corrective Procedure**

- **REFERENCE** Installation Instructions **18SP638** for instructions in installing the parts.

**Warranty Information**

<b>Claim Type:</b>	<b>01</b>
<b>Modification:</b>	<b>06M6</b>
<b>Fault Type:</b>	<b>ZZ</b>
<b>Primary Failed Part:</b>	<b>4602230141</b>
<b>Labor:</b>	<b>1.6 hours</b>
<b>Labor Operation Code:</b>	<b>012900</b>
<b>Parts Return:</b>	<b>None</b>

Should you have any additional questions, please contact Detroit Diesel.

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**BULLETIN**