

**SB-10052677-7596**



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| <b>Countries:</b>        | CANADA, UNITED STATES, MEXICO                        | <b>Document ID:</b>   | IK1200496        |
| <b>Availability:</b>     | ISIS, Bus ISIS, FleetISIS                            | <b>Revision:</b>      | 3                |
| <b>Major System:</b>     | ENGINES  | <b>Created:</b>       | 5/3/2010         |
| <b>Current Language:</b> | English  | <b>Last Modified:</b> | 7/3/2013         |
| <b>Other Languages:</b>  | <a href="#">Français</a> , <a href="#">Español</a> , | <b>Author:</b>        | Bernard Pastirik |
| <b>Viewed:</b>           | 1893   |                       |                  |

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Coding Information

|                      |                               |  |                             |                  |                             |                           |                               |
|----------------------|-------------------------------|--|-----------------------------|------------------|-----------------------------|---------------------------|-------------------------------|
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|----------------------|-------------------------------|--|-----------------------------|------------------|-----------------------------|---------------------------|-------------------------------|

**Title: Replacing Fuel System M12 and M14 Banjo Bolt Copper Washers**

**Applies To: Engine Family: 4.5L LCF/VT275 Workhorse Diesel Engines, 2006 MY Engine Family: 4.5L LCF Export Diesel Engines, 2008–2009 MY Engine Family: MaxxForce® 5 and MaxxForce® 5 Workhorse Diesel Engines, 2007–2009 MY Engine Family: VT365 International® Diesel Engines Engine Family: MaxxForce 7 Diesel Engines**

**DESCRIPTION**

Replace existing M12 and M14 Fuel System Banjo Bolt Copper Washers with new M12 and M14 bonded seal washers to improve sealing quality and bio-fuels compatibility. Washers are one time use and must be replaced when joints are loosened.

Banjo bolts with new bonded seal washers have new torque values. Tighten M12 banjo bolts with new washers to 25Nm (18lbf ft) Tighten M14 banjo bolts to 28Nm (20 lbf ft).

**PARTS**

| Original Part Number | Replace by Part Number | Description            | Application                     | Pkg Quantity |
|----------------------|------------------------|------------------------|---------------------------------|--------------|
| 1850812C1            | 1878036C1              | M12 Bonded Seal Washer | VT275 / VT365 & MaxxForce® 5    | 25           |
| 1850813C1            | 1878037C1              | M14 Bonded Seal Washer | VT275 / VT365 & MaxxForce® 5 &7 | 25           |

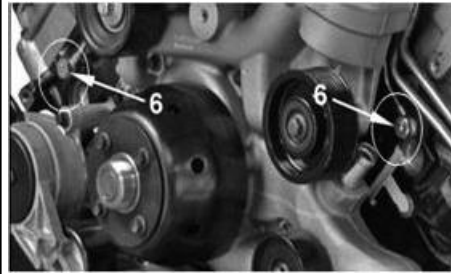


**APPLICATIONS / LOCATIONS**

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|---|--|
| 1. Fuel Filter to Right Side Cylinder Head Tube | 4. Fuel Filter to LH cylinder Headtube |
| 2. M14 Banjo Bolt                               | 5. Fuel Supply to Filter Tube          |
| 3. Secondary Fuel Filter Housing                | 6. M12 Banjo with check Valves (2)     |



VT275 and MaxxForce® 5

VT365

MaxxForce® 7



Fuel Return



Fuel Return



Fuel Cooler



HP Fuel Pump

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