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**MIN – 14108**

09 April 2014

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**Subject:**

DuraStar® Diesel Exhaust Fluid (DEF) Hose Bracket Installation

**Models Involved:**

DuraStar® with Feature Code 0007BJY

**Defect Description:**

On certain DuraStar® vehicles with feature code 0007BJY, DEF hoses have experienced excessive rubbing. This MIN provides the necessary steps to install a new bracket to secure the DEF hose.

**Tools Required:**

No special tools required.

**Parts Required:**

| Part Number | Description       | Quantity |
|-------------|-------------------|----------|
| 25222R1     | Bolt, M6 x 16     | 1        |
| 25519R1     | Nut               | 1        |
| 120380      | Washer            | 1        |
| 2041341C1   | Saddle            | 1        |
| 3667668C1   | Strap, Lock Cable | 1        |
| 405262C1    | Bracket           | 1        |

**Table 1** Parts Information

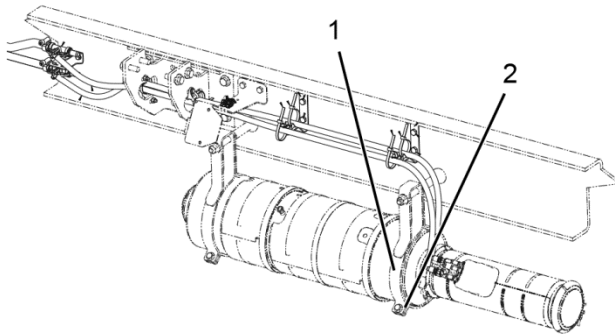
## Work Instructions

**WARNING!** Park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions. Failure to comply may result in property damage, personal injury, and / or death.

**WARNING!** If the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over, potentially resulting in property damage, personal injury, and / or death.

**WARNING!** Always wear safe eye protection when performing vehicle maintenance. Failure to comply may result in personal injury and / or death.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.



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**Figure 1. DOC Clamp.**

1. Diesel Oxidation Catalyst (DOC) clamp
  2. Bolt, saddle, and nut
3. Remove nut, bolt, and saddle (Figure 1, Item 2) from DOC clamp (Figure 1, Item 1).

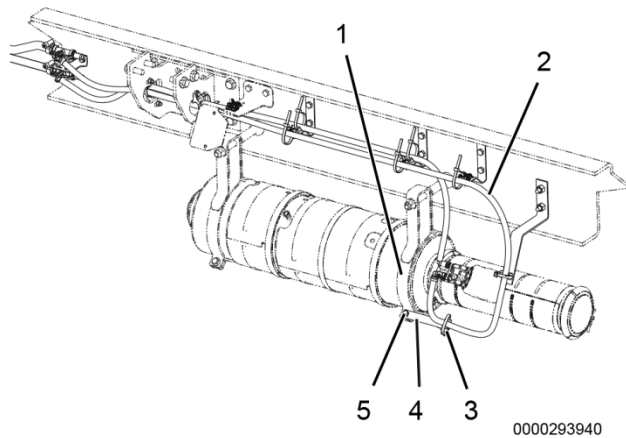


**Figure 2. DEF Hose Bracket.**

1. DOC clamp
  2. DEF hose
  3. Saddle, bolt, tie strap, and nut
  4. Bracket
  5. Bolt, saddle, and nut
4. Install new saddle, bolt, and nut (Figure 2, Item 3) onto new bracket (Figure 2, Item 4).
  5. Install bracket (Figure 2, Item 4) onto DOC clamp (Figure 2, Item 1) with saddle, bolt, and nut (Figure 2, Item 5).
  6. Using torque wrench, tighten bolt (Figure 2, Item 5) to 44 - 59 lb-ft (60 - 80 N•m).
  7. Install new tie strap (Figure 2, Item 3) through saddle and around DEF hose (Figure 2, Item 2).
  8. Remove wheel chocks.

## LABOR INFORMATION

Operation number must appear on all claims.

**Table 2** Labor Information

| Operation Number | Description              | Time   |
|------------------|--------------------------|--------|
| A40-14108-1      | Install DEF Hose Bracket | 0.3 hr |

## WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Misbuild Investigation Notice 14108.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the "Other Charges" tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 14108 activity must be submitted by 09 April 2015 or within the normal warranty period for the vehicle, if after 09 April 2015.

|                                                    | GROUP | NOUN | C | WARR. | TP | PAD |
|----------------------------------------------------|-------|------|---|-------|----|-----|
| GROUP — Enter number                               |       |      |   |       |    |     |
| NOUN — Leave blank                                 |       |      |   |       |    |     |
| C (CAUSE) — Enter either 1, 2, 3. (See below)      |       |      |   |       |    |     |
| 1. Inspected (No repair required).                 |       |      |   |       |    |     |
| 2. Inspected and repaired.                         |       |      |   |       |    |     |
| 3. Defective part from parts stock.                |       |      |   |       |    |     |
| WARRANTY — (Warranty Code) Enter 40.               |       |      |   |       |    |     |
| TYPE PART — Enter P for type part causing failure. |       |      |   |       |    |     |
| PAD — Enter 100                                    |       |      |   |       |    |     |

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