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Coding Information

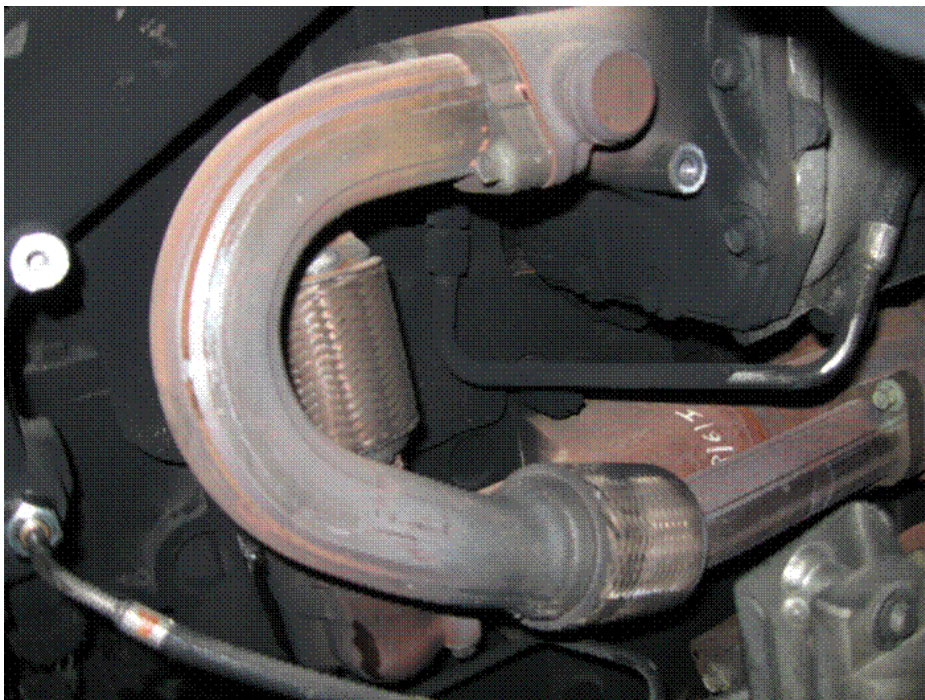
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Title: EGR Bellows Tube

Applies To: MaxxForce 2010 13L and 11L Engines ESN: 4100000 and UP

DESCRIPTION

Some field vehicles have been found with EGR hot side inner (3005782C3) and outer (3005416C3) bellows cracked.



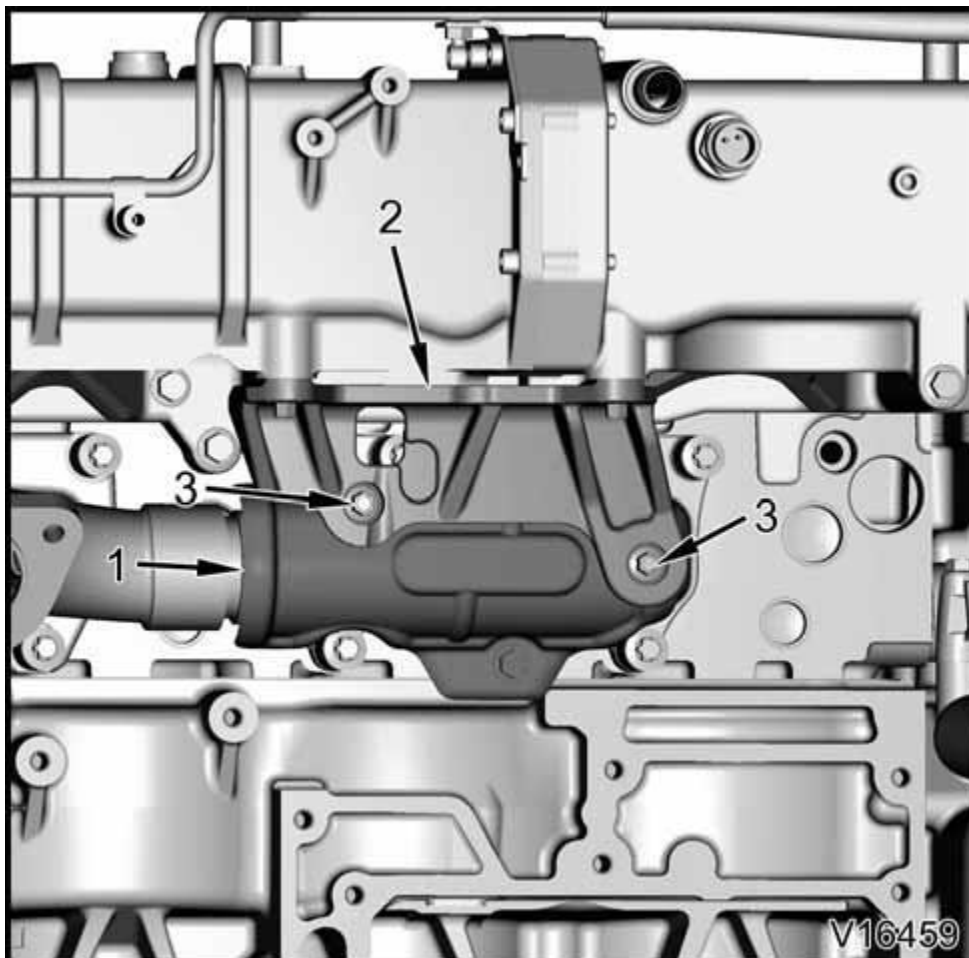
INSPECTION

1. Inspect the EGR hot side inner (3005782C3) and outer (3005416C3) bellow tubes for cracks or exhaust leaks.
 2. Check the integrity of engine & chassis harness in the surrounding area. You will look for melted: split loom, connectors, and/or wire insulation.
 3. Lookup case file history. If complete or low temperature side EGR cooler has been replaced you will inspect for missing or loose of bolts in the "L" shaped bracket (Reference Figure A).
- A. The 2 vertical bolts, (up & down) are **OFTEN** found to be never re-installed or are left loose in the field after complete or partial EGR Cooler replacement. These **MUST** be installed. Your parts department will find you these vertical bolts through the parts system or local supplier.

Part Number: 1817957C1

Description: BOLT, FLANGE M8 X 25MM

Figure A



1. Heat protection shield (at front exhaust manifold)
2. EGR cooler bracket
3. M8 x 25 heat-resistant bolt (2)

RESOLUTION

If a fracture or exhaust leak is found at the EGR hot side inner (3005782C3) or outer (3005416C3) bellow tube replace both the outer and inner EGR hot side bellow tubes. The kit number for the EGR hot side inner is 3007671C95 and EGR hot side outer is 3007670C95. **Do not use part 3005782C3 for the EGR hot side inner tube or 3005416C3 EGR hot side outer tube for the replacement.** Part number 3005782C3 has been replaced with 3005782C4 and part number 3005416C3 has been replaced with 3005416C4.



**NOTE:**

If the engine sensor harness is damaged, replace with part# 3008067C92. If damage is found on the Chassis harness, repair the harness following [IK0800269](#). If the O2 sensor connector is damage, replace with Connector part # 3691136C1, Terminal part # 3573653C1 (X6), and Seal 3573653C1 (X6)

The issue for EGR hot side inner and outer bellows cracking has been addressed by engineering and all engines built on January 17th, 2012 and later will not be affected by this issue.

NOTE:

The bellows is intended for expansion and contraction and not intended for ease of EGR valve or cooler replacement. Bending of the Bellows during repaire can result in premature failure. The tubes must be removed as outlined in the service manual.

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