

SECTION 303-01C Engine — 6.0L Diesel

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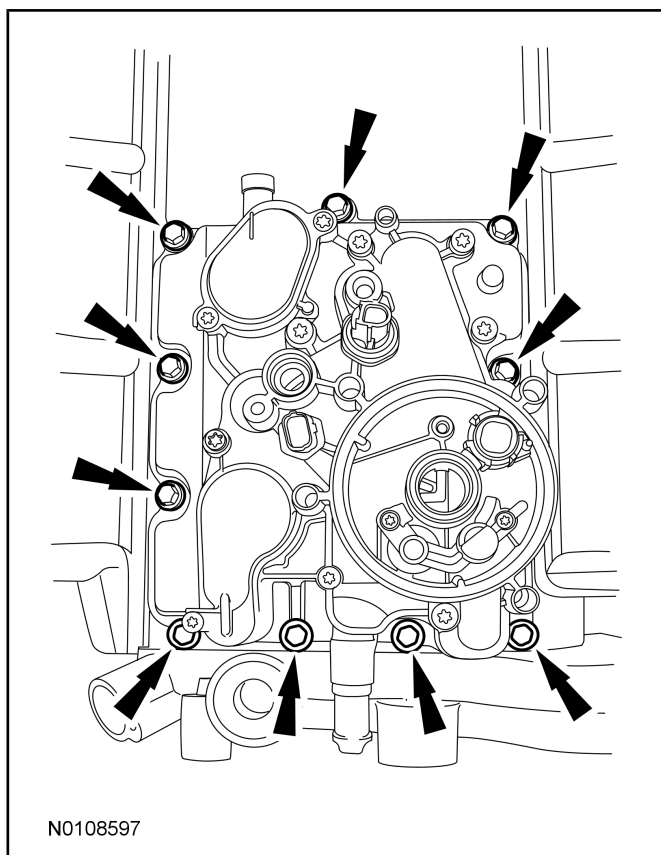
IN-VEHICLE REPAIR

Oil Cooler

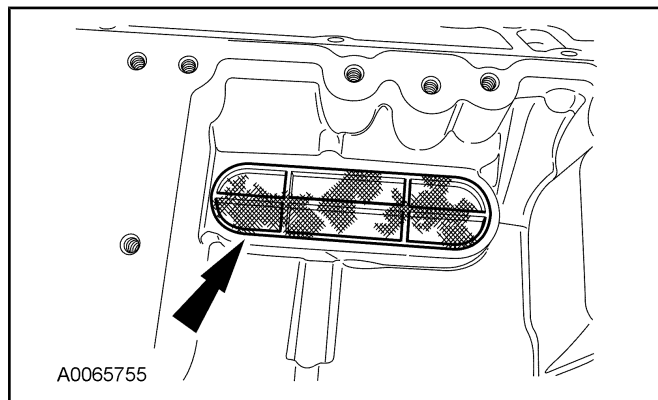
Removal

1. Remove the intake manifold. For additional information, refer to Intake Manifold in this section.
2. **NOTICE:** In the event of a catastrophic engine failure, always install a new oil cooler. Foreign material cannot be removed from the oil cooler.

Remove the bolts and the oil cooler assembly.

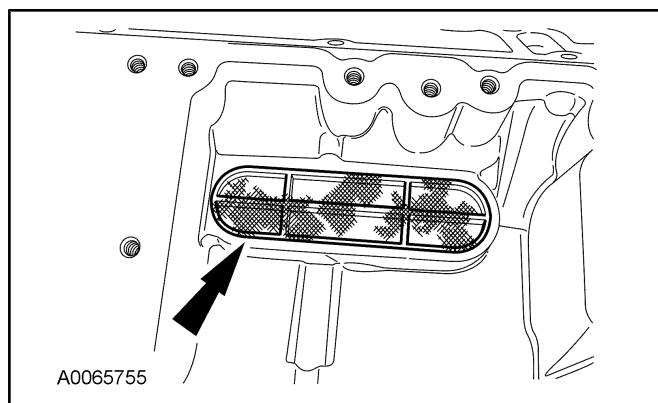


3. If necessary, replace the oil cooler. For additional information, refer to Oil Cooler in the disassembly and assembly of subassemblies portion of this section.
4. Remove the oil pump inlet strainer.
 - Clean and inspect the strainer for tears or other signs of damage.

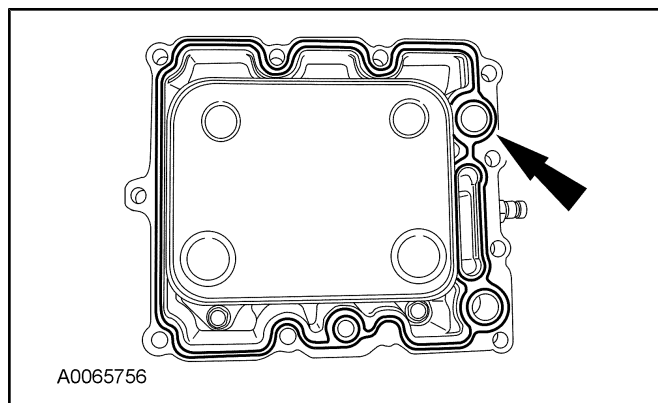


Installation

1. Install the oil pump inlet strainer.



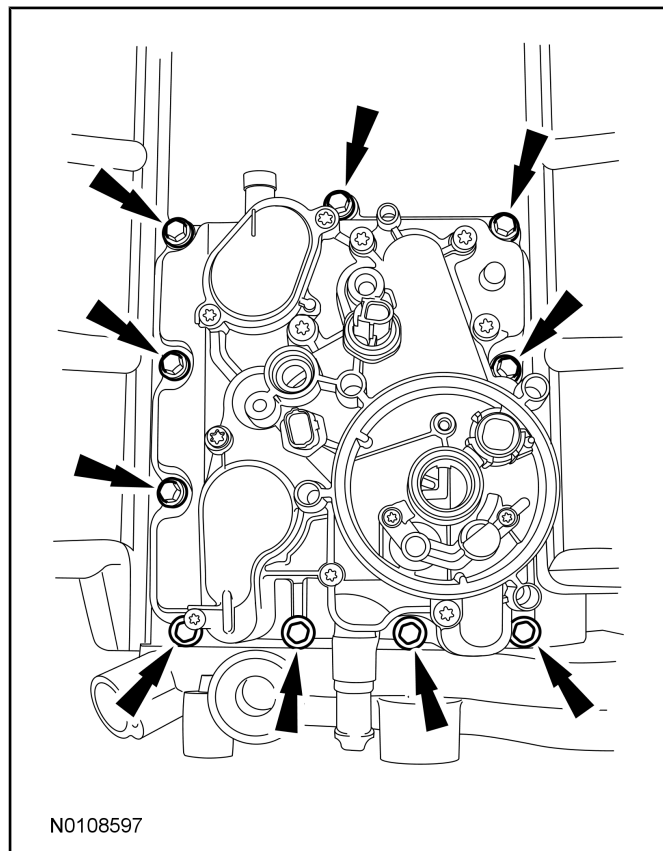
2. If the oil cooler was not replaced, install a new gasket in the oil cooler assembly cover.



3. **NOTICE:** In the event of a catastrophic engine failure, always install a new oil cooler. Foreign material cannot be removed from the oil cooler.

Install the oil cooler assembly and the bolts.

- Tighten to 22 Nm (16 lb-ft).

IN-VEHICLE REPAIR(Continued)

4. Install the intake manifold. For additional information, refer to Intake Manifold in this section.