

Oil Cooler

Material

Item	Specification
Motorcraft® Metal Surface Prep ZC-31-A	—

Removal

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Drain the engine cooling system. For additional information, refer to [Section 303-03A](#).
3. Remove the generator. For additional information, refer to [Section 414-00](#).
4. **NOTICE:** If metal or aluminum material is present in the oil cooler, mechanical concerns exist. Failure to correct these concerns may cause engine failure. To diagnose mechanical concerns, refer to [Section 303-00](#).

Remove the 6 bolts and the oil cooler.

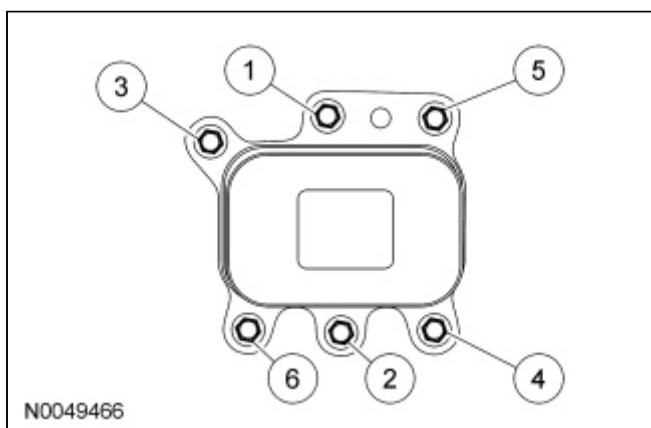
- Discard the gaskets.
- Inspect the oil cooler.

Installation

1. **NOTE:** Clean the sealing surfaces with metal surface prep. Follow the directions on the packaging. Inspect the mating surfaces.

Using new gaskets, install the oil cooler and the 6 bolts.

- Tighten in the sequence shown to 10 Nm (89 lb-in).



2. Install the generator. For additional information, refer to [Section 414-00](#).
3. Fill and bleed engine cooling system. For additional information, refer to [Section 303-03A](#).

