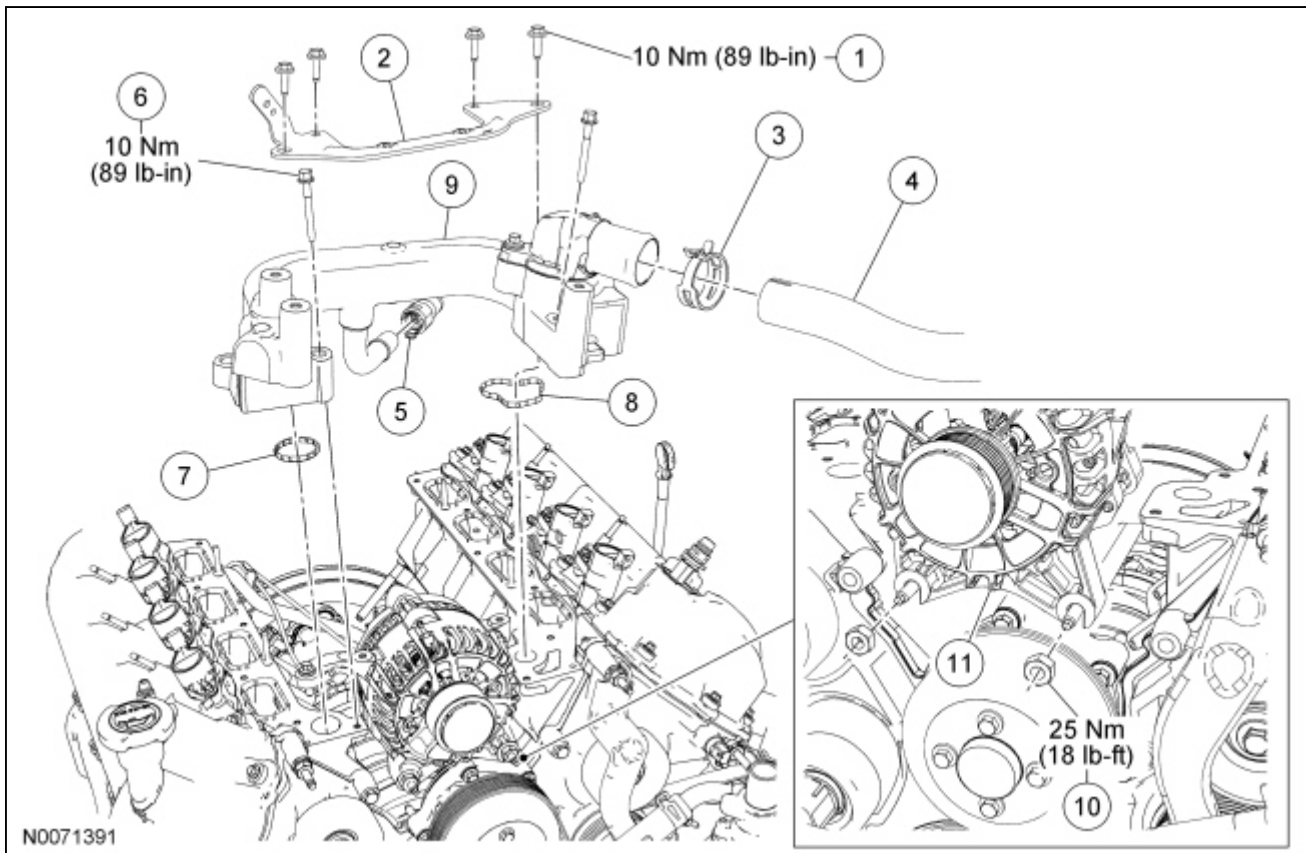


Coolant Crossover Manifold Assembly — 4.6L (3V)

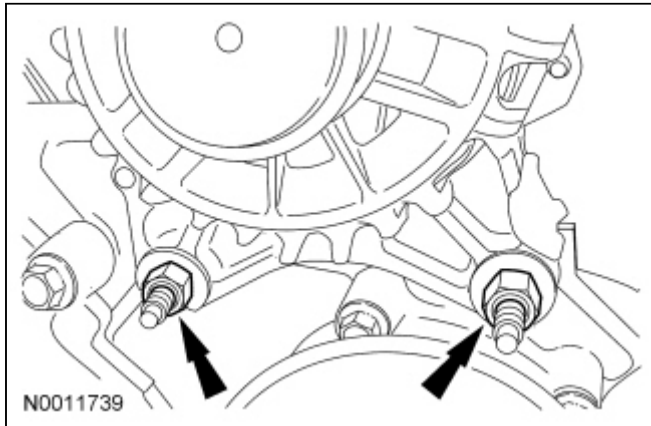


Item	Part Number	Description
1	N807309	Generator support bracket bolt (4 required)
2	10153	Generator support bracket
3	15161	Hose clamp
4	8A594	Coolant crossover assembly-to-radiator hose
5	18B402	Heater return and supply hose
6	W710925	Coolant crossover assembly bolt (2 required)
7	8C387	Gasket
8	8C388	Gasket
9	8C369	Coolant crossover assembly
10	N804758	Generator nut (2 required)
11	10300	Generator

Removal and Installation

1. Disconnect the battery ground cable. For additional information, refer to [Section 414-01](#).
2. Drain the engine cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
3. Remove the intake manifold. For additional information, refer to [Section 303-01B](#).
4. Remove the accessory drive belt. For additional information, refer to [Section 303-05](#).

5. Remove the 4 bolts and position aside the generator support bracket.
 - To install, tighten to 10 Nm (89 lb-in).
6. Remove the 2 nuts and position aside the generator and wiring harness.
 - To install, tighten to 25 Nm (18 lb-ft).



7. Disconnect the coolant crossover assembly-to-radiator hose and position aside.
 8. Disconnect the quick connect fitting for the heater return and supply hose and position aside.
 9. Remove the 2 coolant crossover assembly bolts and the coolant crossover assembly.
 - Remove and discard the coolant crossover assembly gaskets.
 - To install, tighten to 10 Nm (89 lb-in).
 10. To install, reverse the removal procedure.
 - Clean the sealing surfaces and install new coolant crossover assembly gaskets.
 11. Fill and bleed the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
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