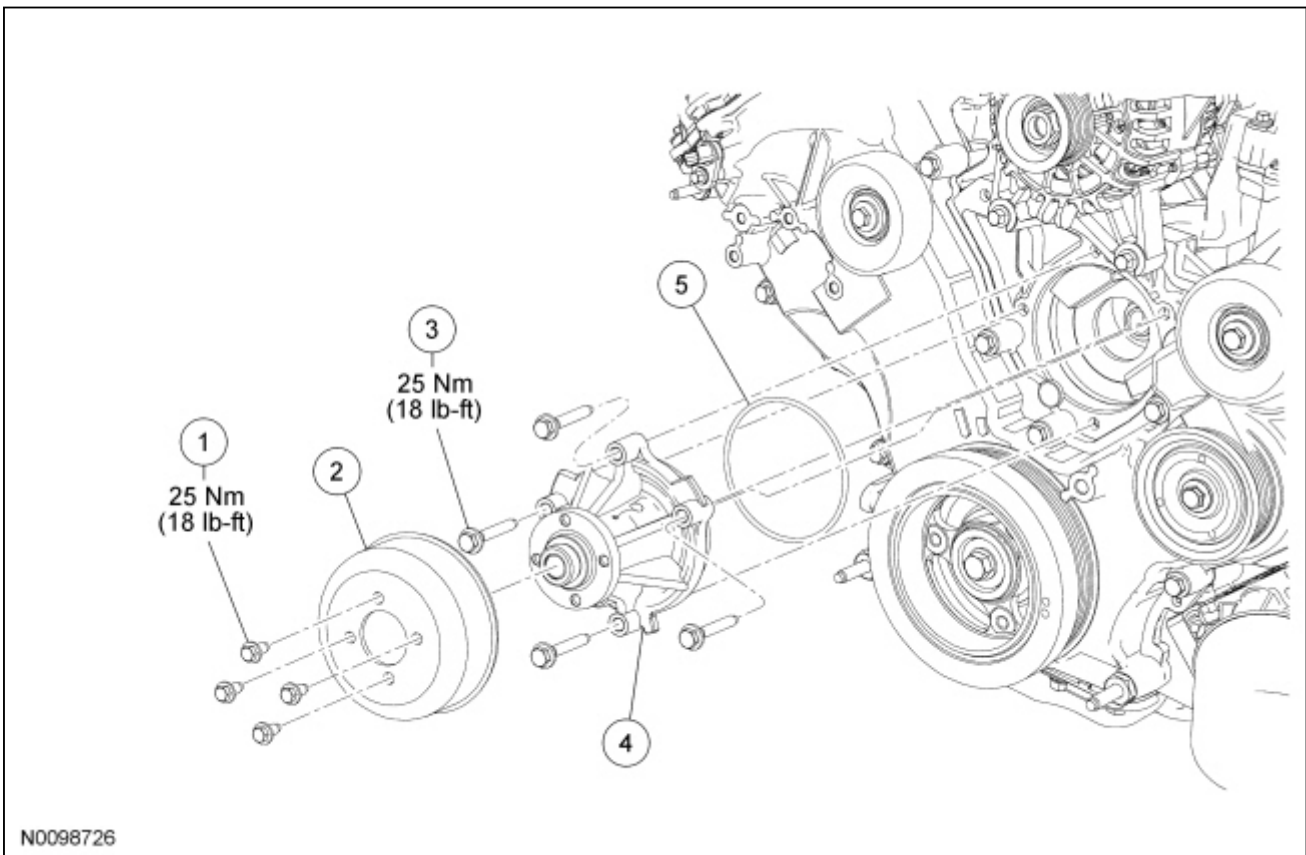


Coolant Pump — 4.6L (3V)

Material

Item	Specification
Motorcraft® Premium Gold Engine Coolant with Bittering Agent (bittered in US only) VC-7-B (US); CVC-7-A (Canada); or equivalent (yellow color)	WSS-M97B51-A1



Item	Part Number	Description
1	N80628	Coolant pump pulley bolt (4 required)
2	A8528	Coolant pump pulley
3	N806177	Coolant pump bolt (4 required)
4	8501	Coolant pump
5	—	Coolant pump O-ring seal

Removal and Installation

1. Drain the engine cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
2. Remove the Air Cleaner (ACL) outlet pipe. For additional information, refer to [Section 303-12](#).
3. Loosen the 4 coolant pump pulley bolts.
 - To install, tighten to 25 Nm (18 lb-ft).

4. Remove the accessory drive belt. For additional information, refer to [Section 303-05](#).
 5. Remove the 4 coolant pump pulley bolts and the coolant pump pulley.
 6. Remove the 4 coolant pump bolts and the coolant pump.
 - Discard the coolant pump O-ring seal.
 - To install, tighten to 25 Nm (18 lb-ft).
 7. To install, reverse the removal procedure.
 - Install a new coolant pump O-ring seal and lubricate with clean engine coolant.
 8. Fill and bleed the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
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