

Coolant Pump

Removal

1. Remove the thermostat housing.
Refer to: Thermostat Housing (303-03D Engine Cooling - 3.3L Duratec-V6 â€“ Hybrid (BP), Removal and Installation).
2. Loosen the coolant pump pulley bolts.

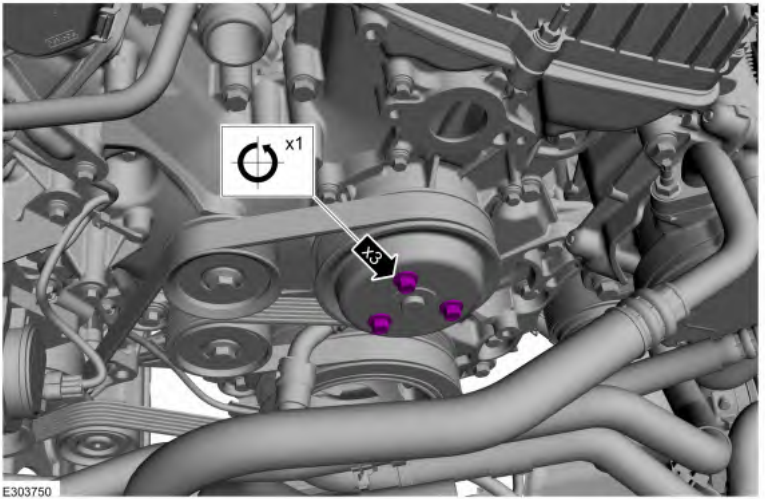


Diagram showing the coolant pump pulley assembly. A callout indicates 3 bolts to be loosened (x3). A reference to the thermostat housing removal procedure is provided.

3. Remove the accessory drive belt.
Refer to: Accessory Drive Belt (303-05D Accessory Drive - 3.3L Duratec-V6 â€“ Hybrid (BP), Removal and Installation).
4. **NOTICE: Cover the A/C compressor belt to prevent coolant contamination of the belt.**
Completely cover the A/C compressor belt with waterproof plastic.
5. Remove the bolts and the coolant pump pulley.

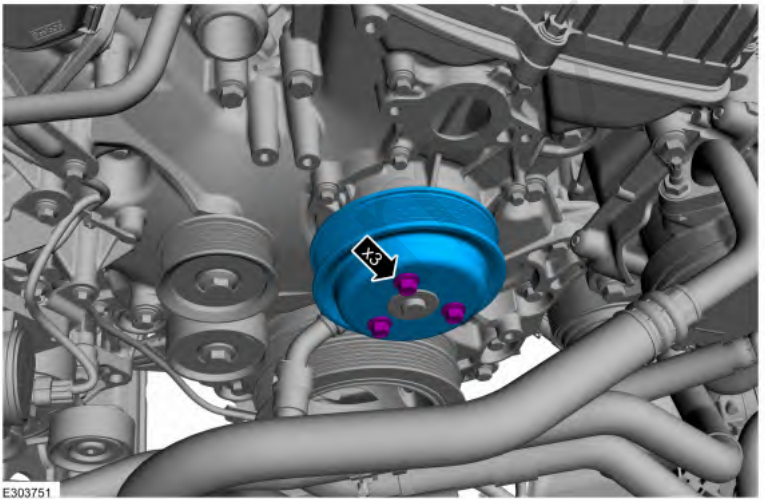
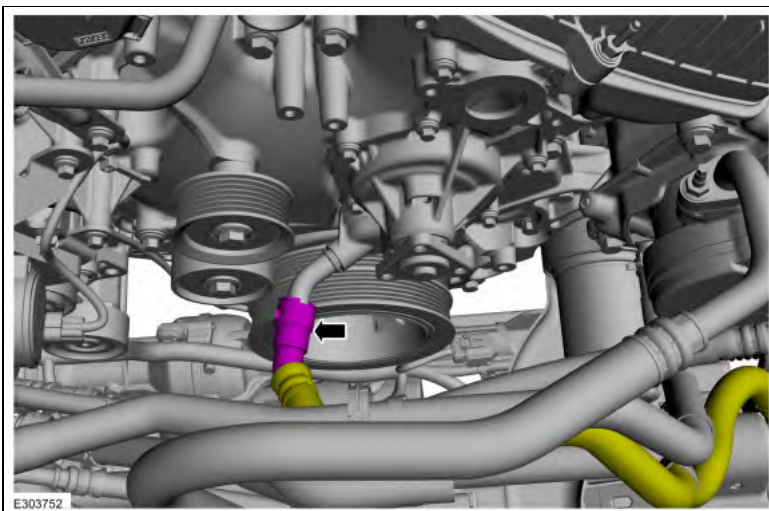
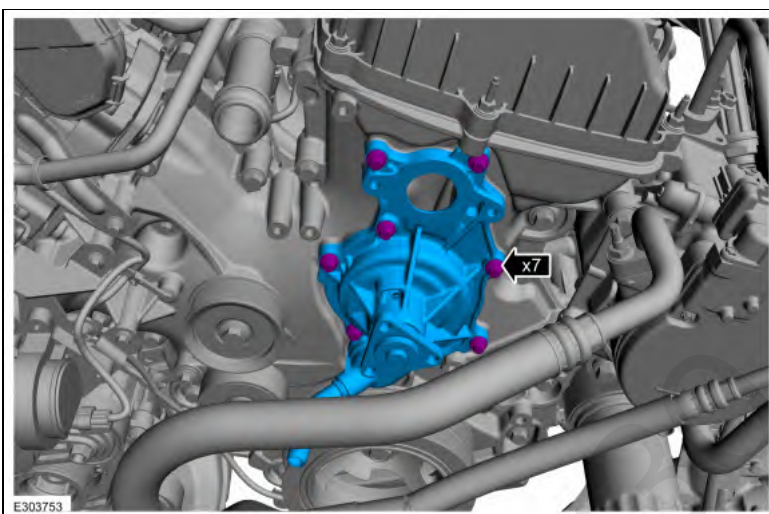


Diagram showing the coolant pump pulley assembly. A callout indicates 3 bolts to be removed (x3). A reference to the thermostat housing removal procedure is provided.

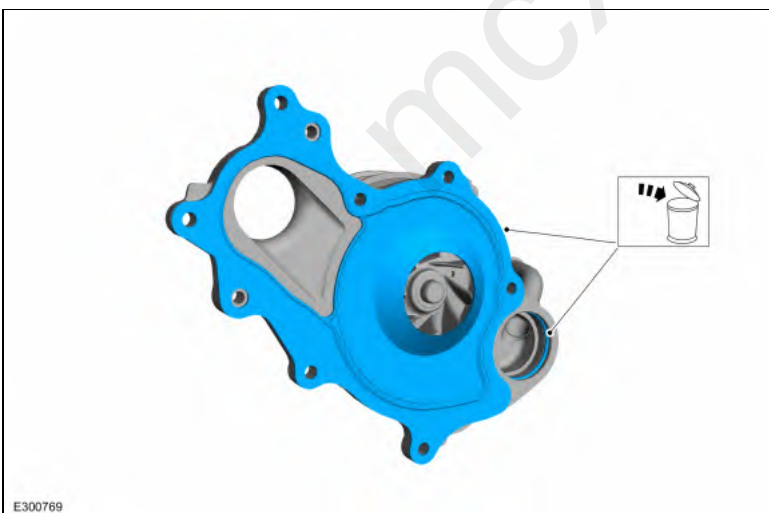
6. Disconnect the coolant hose quick release coupling.



7. Remove the bolts and the coolant pump.



8. Remove and discard the coolant pump gasket and O-ring seal.



Installation

1. Install a new coolant pump gasket. Install a new O-ring seal and lubricate it with clean engine coolant. Refer to: Specifications (303-03D Engine Cooling - 3.3L Duratec-V6 "Hybrid (BP), Specifications).