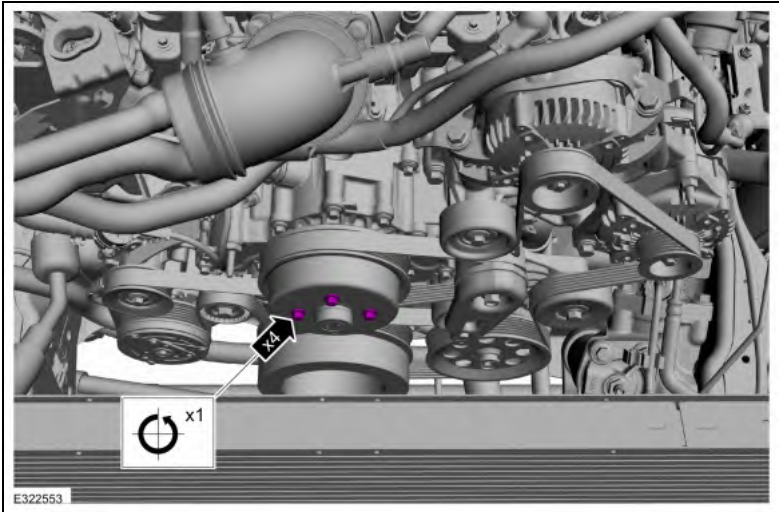


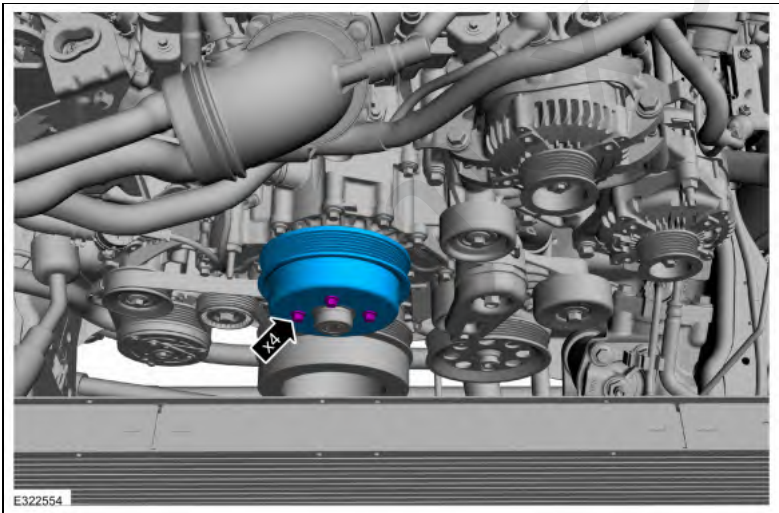
Coolant Pump

Removal

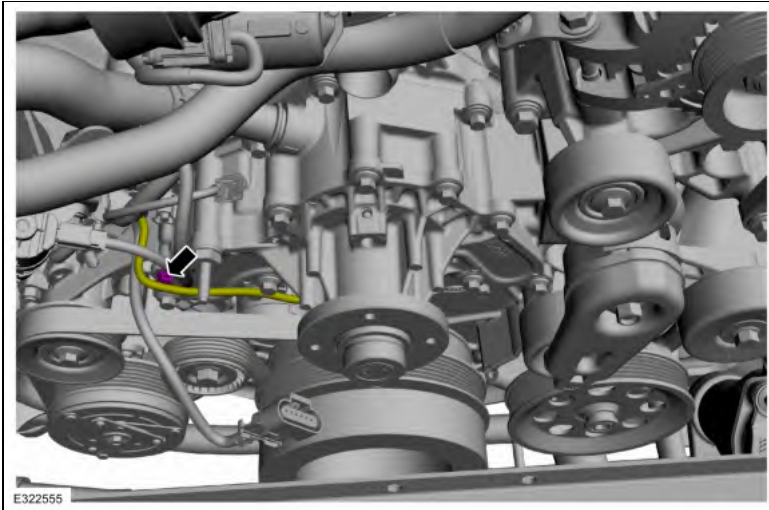
1. Drain the cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).
2. Remove the cooling fan.
Refer to: Cooling Fan (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
3. Loosen the coolant pump pulley bolts.



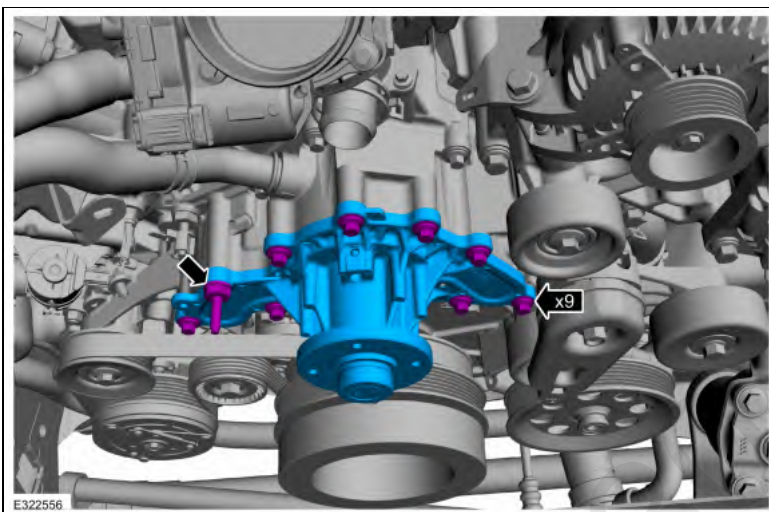
4. Remove the accessory drive belt.
Refer to: Accessory Drive Belt - Vehicles With: Single Generator (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
Refer to: Accessory Drive Belt - Vehicles With: Dual Generators (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
5. Remove the bolts and the coolant pump pulley.



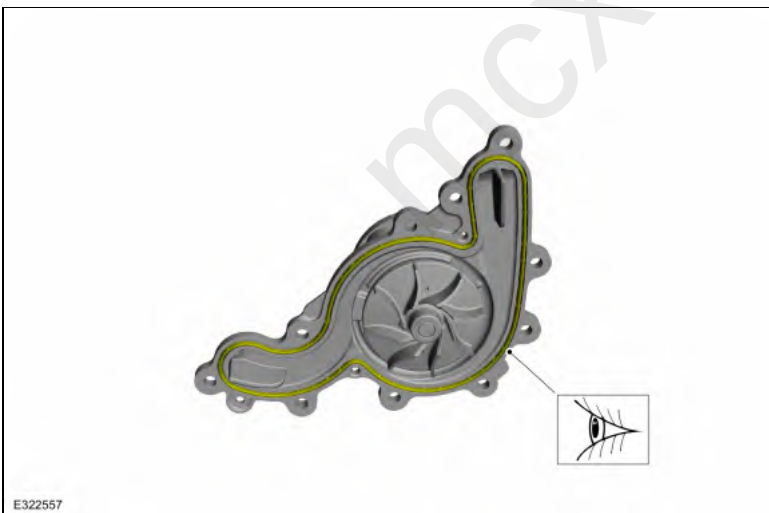
6. Detach the wiring harness retainer.



7. Remove the studbolt, bolts and the coolant pump.

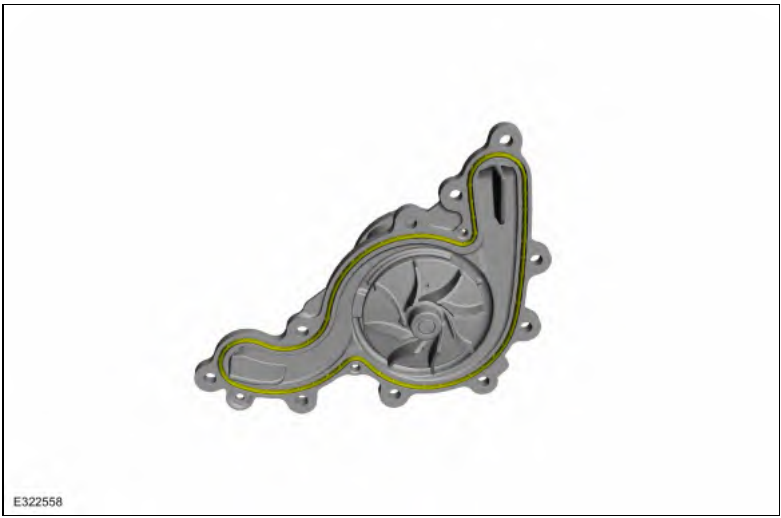


8. Inspect the coolant pump gasket and replace it if necessary.

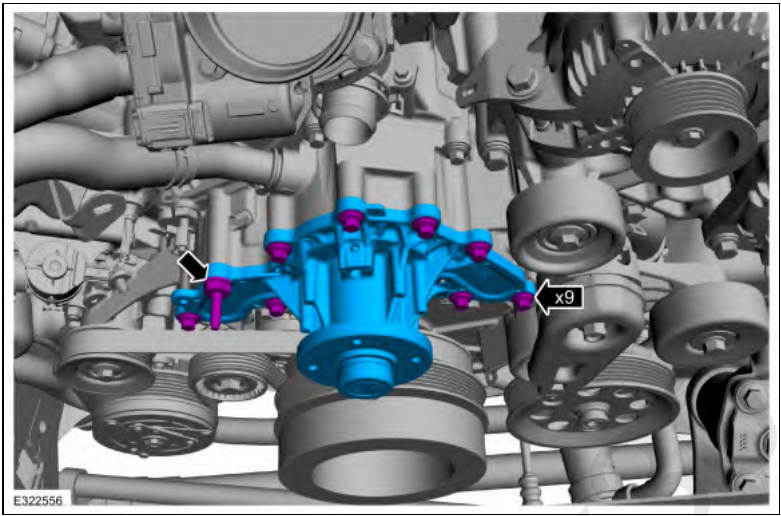


Installation

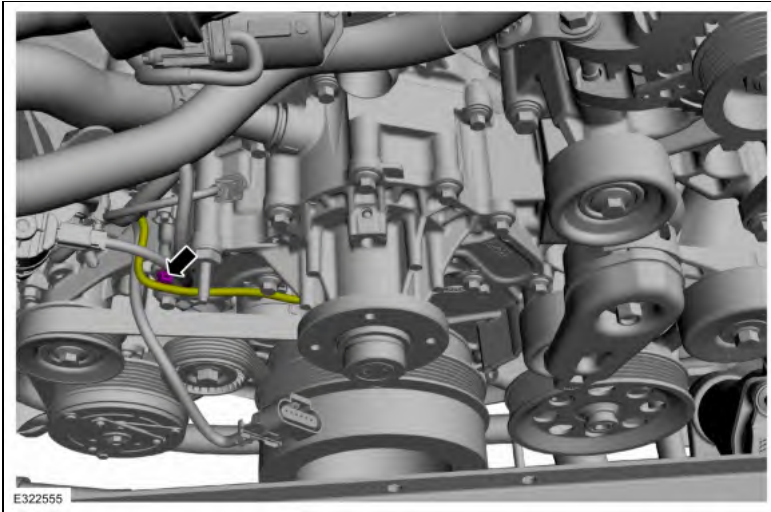
1. Install a new coolant pump gasket.



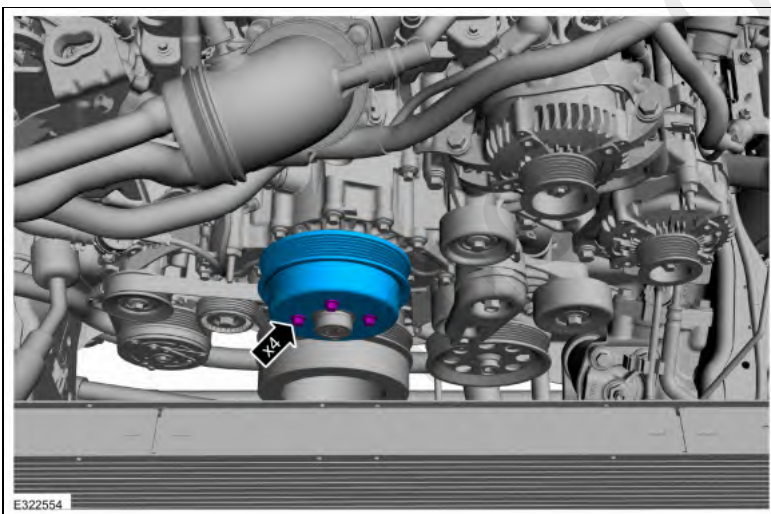
2. Position the coolant pump and install the bolts and studbolt.
Torque: 89 lb.in (10 Nm)



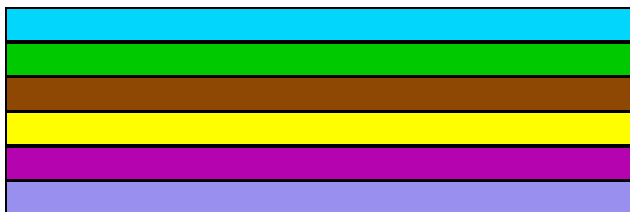
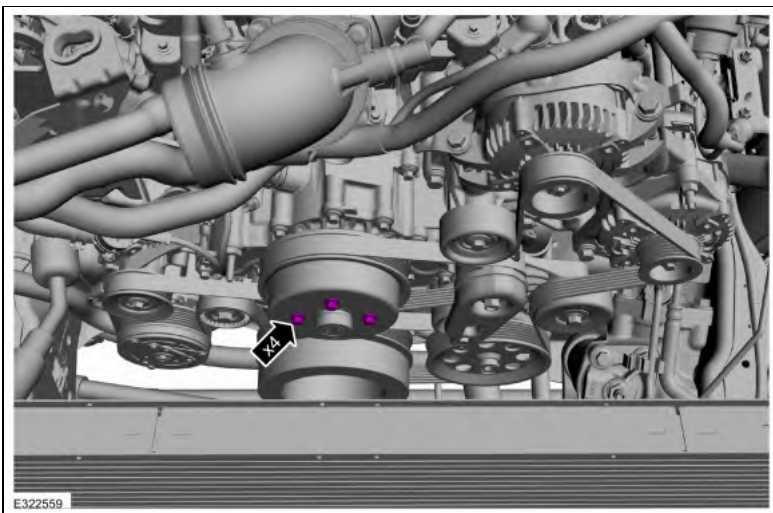
3. Attach the wiring harness retainer.



4. Install the coolant pump pulley and the bolts finger tight.



5. Install the accessory drive belt.
Refer to: Accessory Drive Belt - Vehicles With: Single Generator (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
Refer to: Accessory Drive Belt - Vehicles With: Dual Generators (303-05C Accessory Drive - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
6. Tighten the coolant pump pulley bolts.
Torque: 18 lb.ft (25 Nm)



7. Install the cooling fan.
Refer to: Cooling Fan (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), Removal and Installation).
8. Fill and bleed the cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 7.3L 2V DEVCT V8 (239kW/320PS) (J0), General Procedures).

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