

Thermostat

Materials

Name	Specification
Motorcraft® Orange Concentrated Antifreeze/Coolant VC-3-B	WSS-M97B44-D

Removal

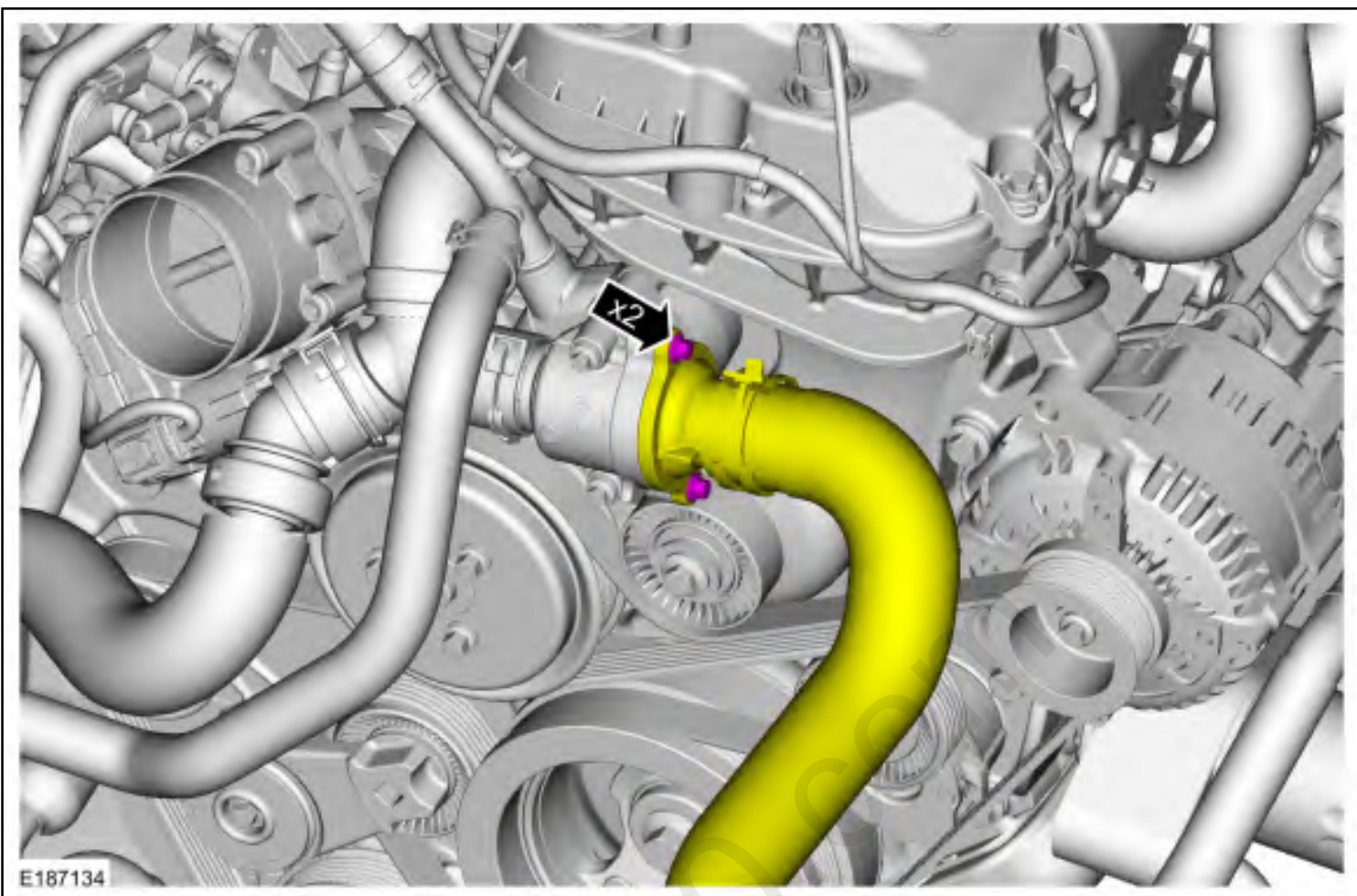
NOTE: Removal steps in this procedure may contain installation details.

1. Drain the cooling system.
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03D Engine Cooling - 5.0L 32V Ti-VCT, General Procedures).
2. Remove the air cleaner outlet pipe.
Refer to: [Air Cleaner Outlet Pipe](#) (303-12D Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).
3. **NOTICE: Cover the accessory drive belts to prevent coolant contamination of the belts.**

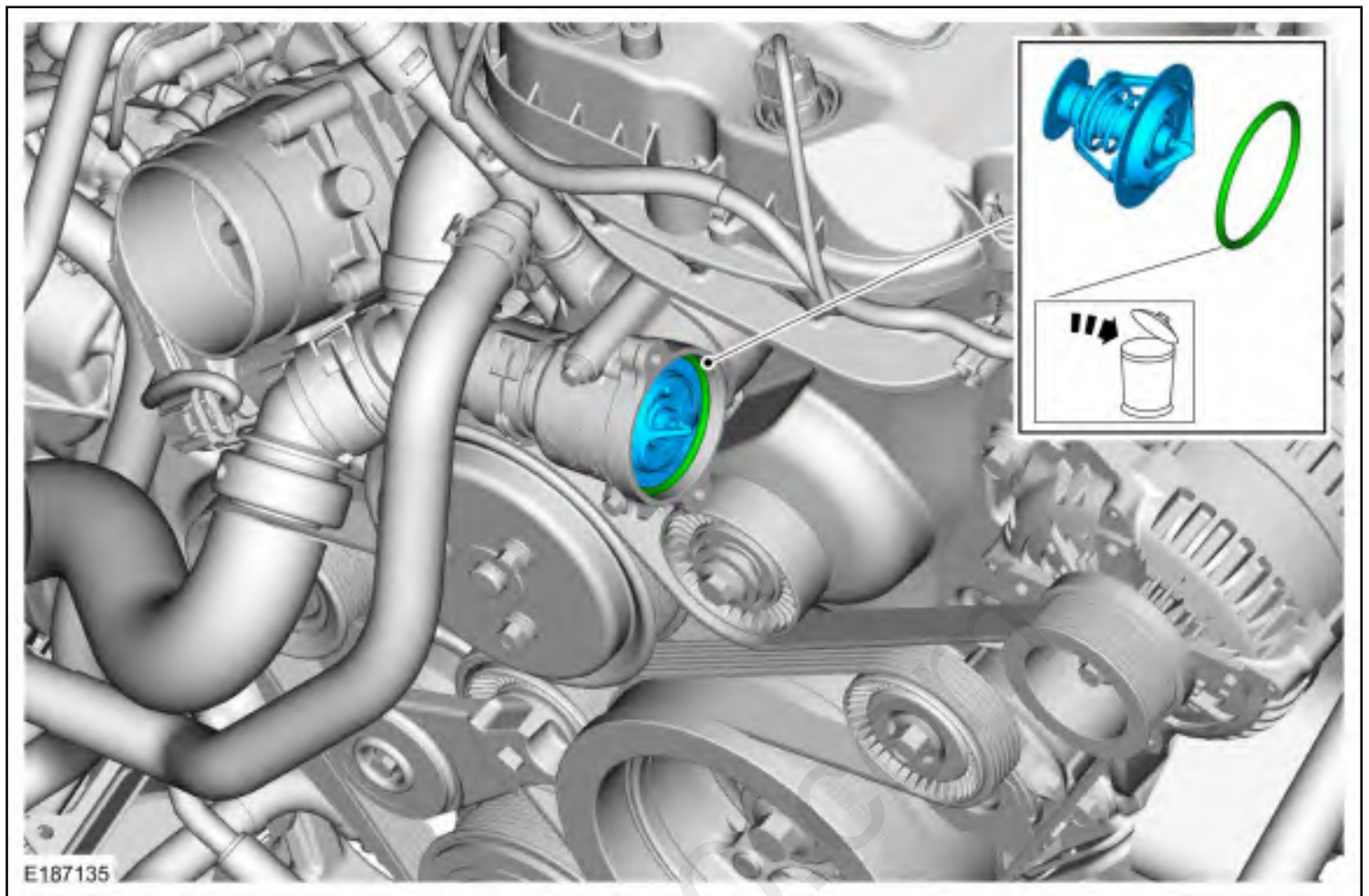
Completely cover the accessory drive belts with waterproof plastic.
4. **NOTE:** During installation, make sure the coolant inlet connection is fully seated on the thermostat housing before tightening the bolts.

Remove the bolts and detach the coolant inlet connector.

Torque: 89 lb.in (10 Nm)



5. Remove the thermostat and discard the O-ring seal.



Installation

1. Install a new O-ring seal and lubricate it with clean engine coolant.
Material: Motorcraft® Orange Concentrated Antifreeze/Coolant / VC-3-B (WSS-M97B44-D)
2. To install, reverse the removal procedure.

2. Fill and bleed the cooling system.

Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03D Engine Cooling - 5.0L 32V Ti-VCT, General Procedures).

3. Install the air cleaner outlet pipe.

Refer to: [Air Cleaner Outlet Pipe](#) (303-12D Intake Air Distribution and Filtering - 5.0L 32V Ti-VCT, Removal and Installation).