

Thermostat Housing

Removal

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

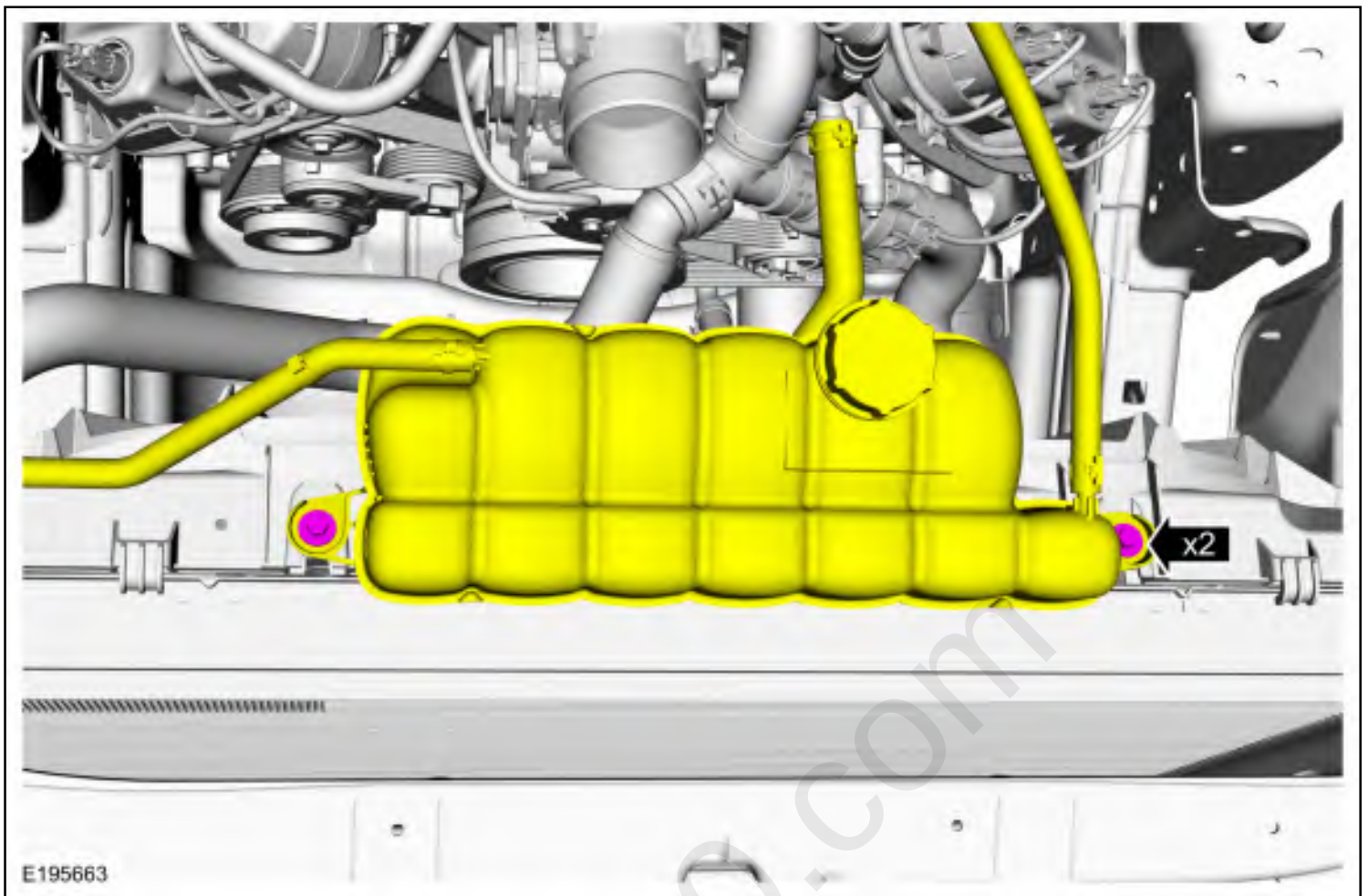
1. Drain the cooling system.

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).

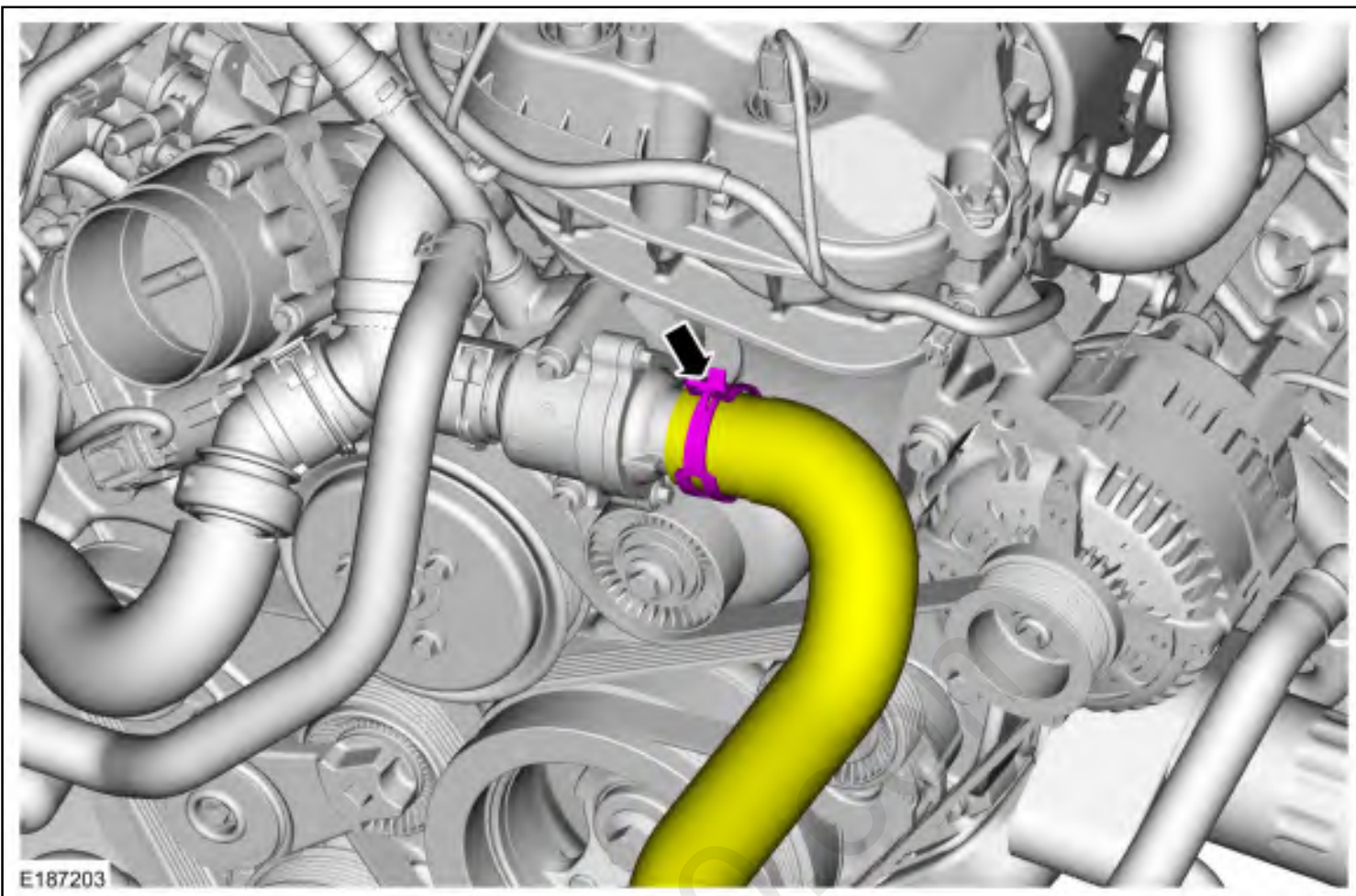
3. Remove the bolts and position the degas bottle aside.



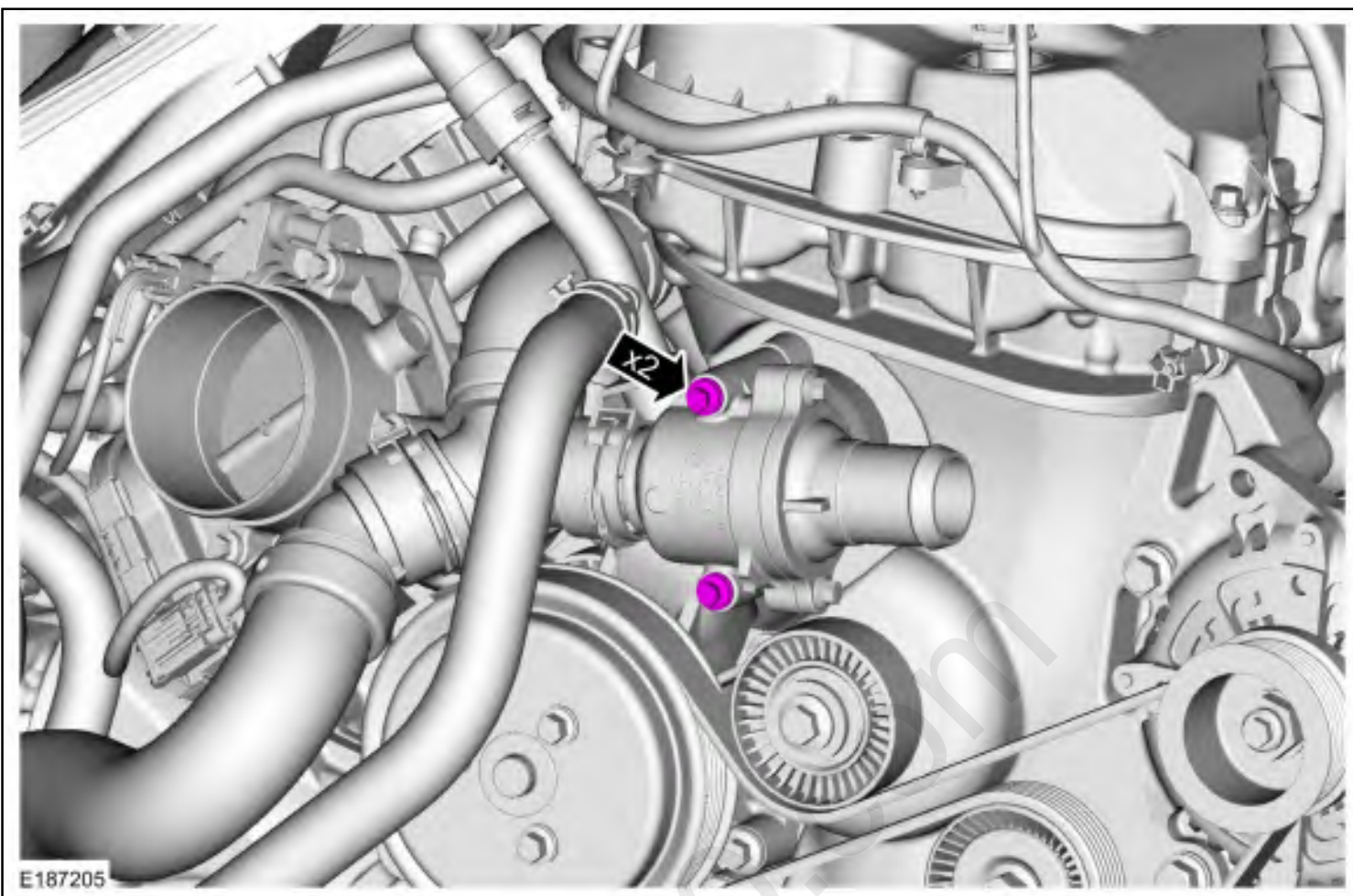
4. **NOTICE: Cover the accessory drive belts to prevent coolant contamination of the belts.**

Completely cover the accessory drive belts with waterproof plastic.

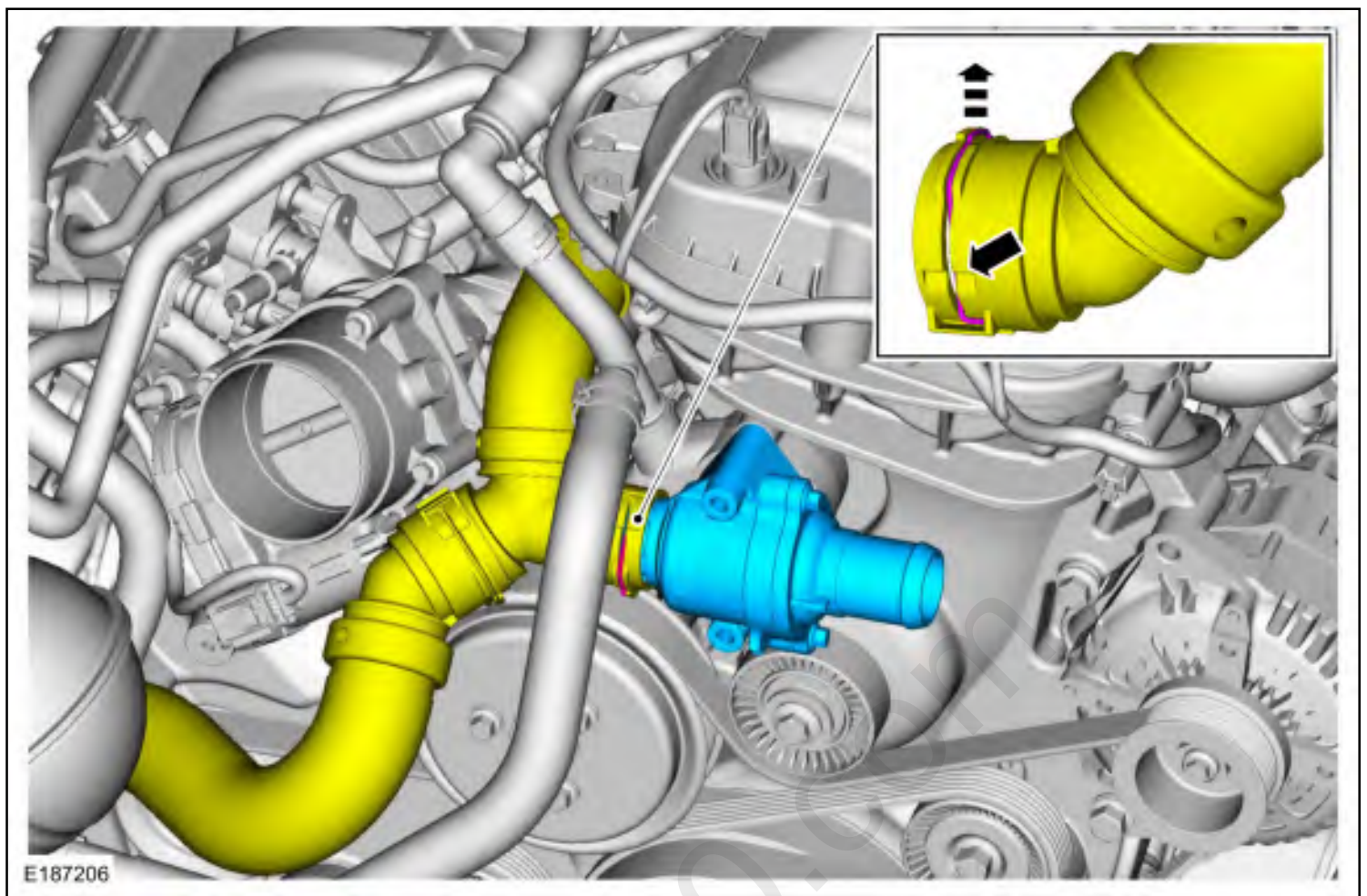
5. Release the clamp and disconnect the lower radiator hose from the coolant inlet connection.



6. Remove the thermostat housing bolts.
Torque: 89 lb.in (10 Nm)



7. Pull the upper radiator hose T-connector spring clip up until the end of the clip is in the detent on the quick connect coupling and remove the thermostat housing from the upper radiator hose T-connector.



8. Remove and discard the thermostat housing gasket.



Installation

- Install a new thermostat housing gasket.
- 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).

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