

Block Heater

Removal

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

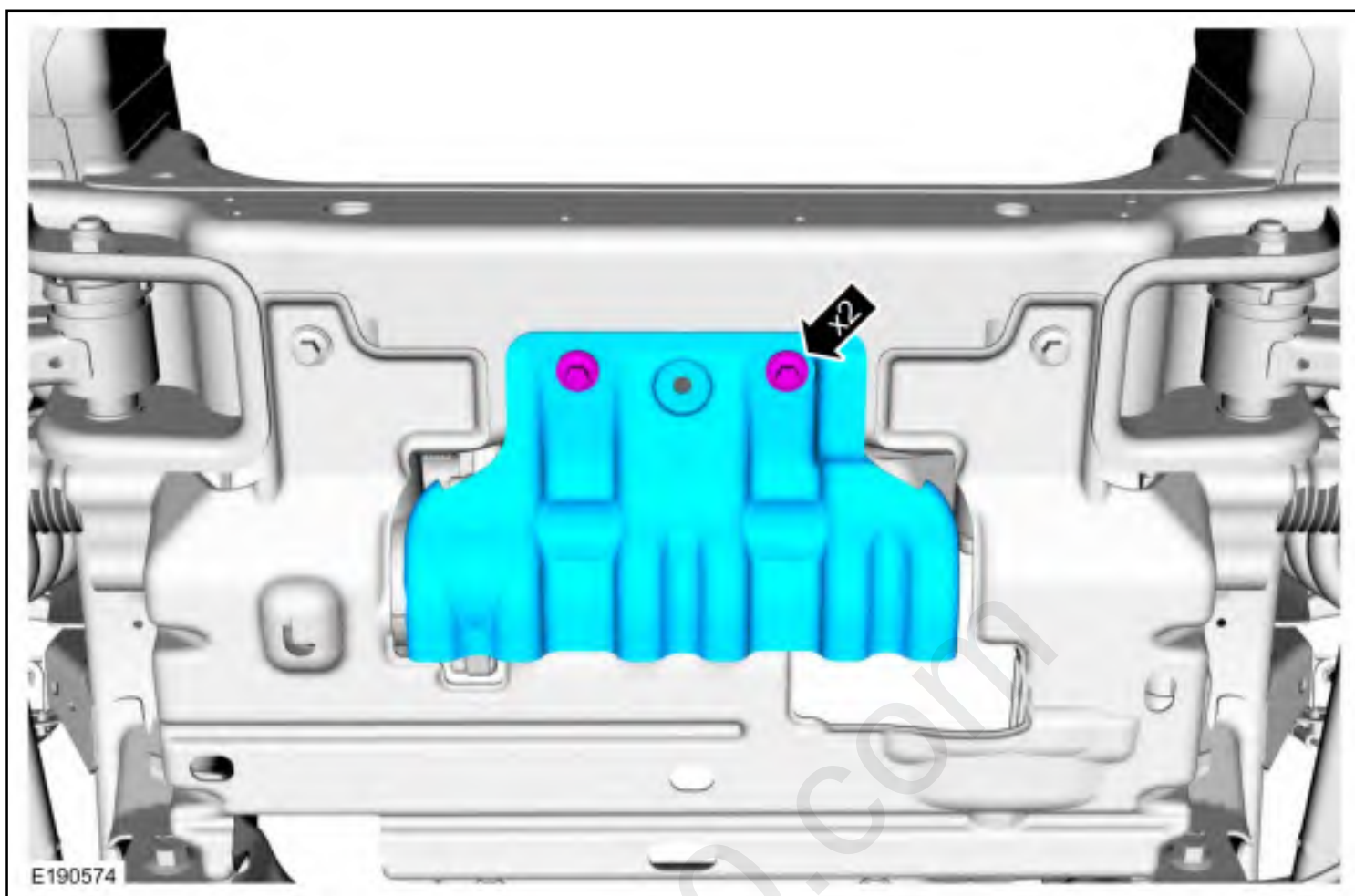
All Vehicles

1. Drain the cooling system.

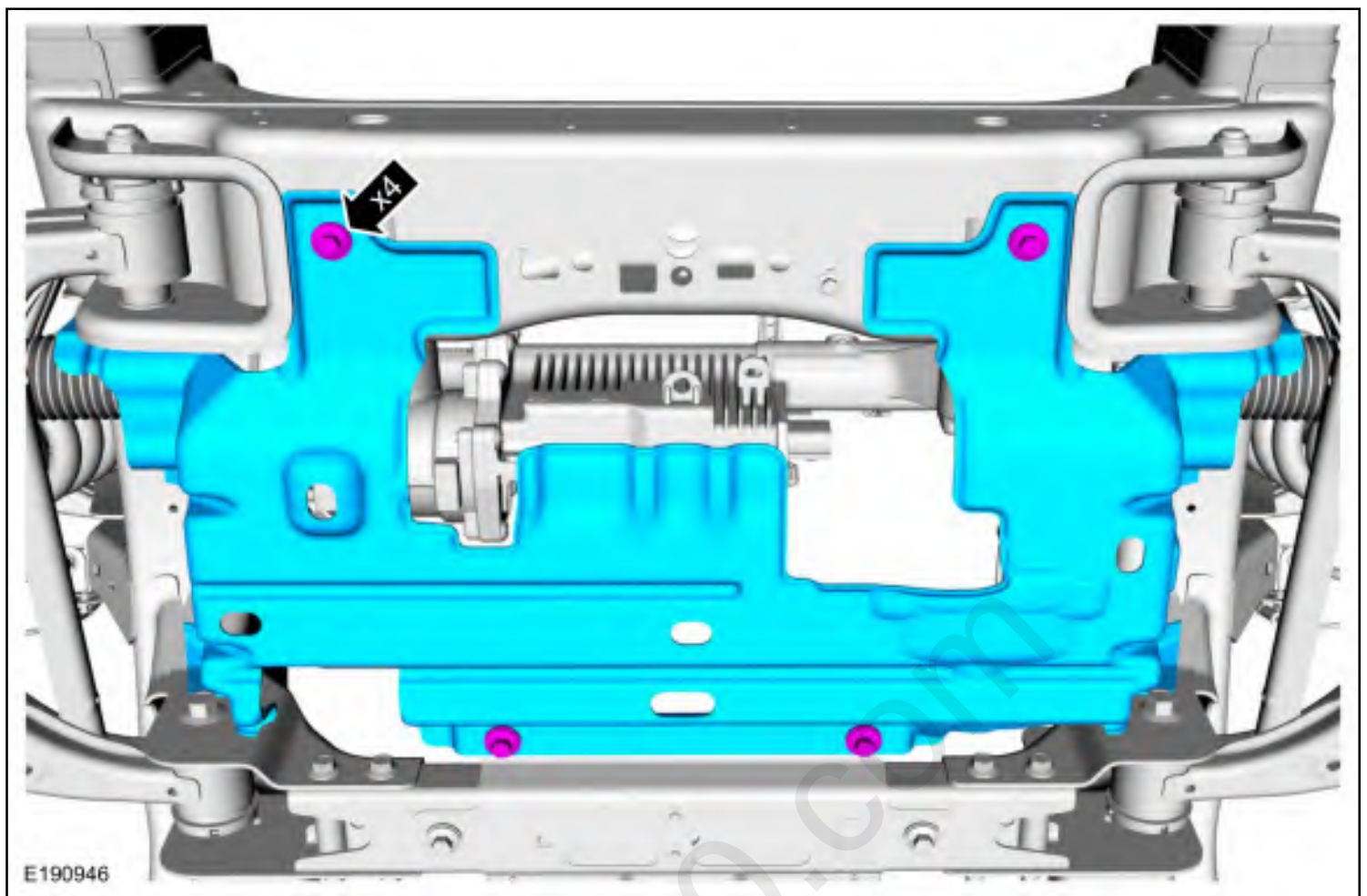
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03D Engine Cooling - 5.0L 32V Ti-VCT, General Procedures).

4X2 Vehicles

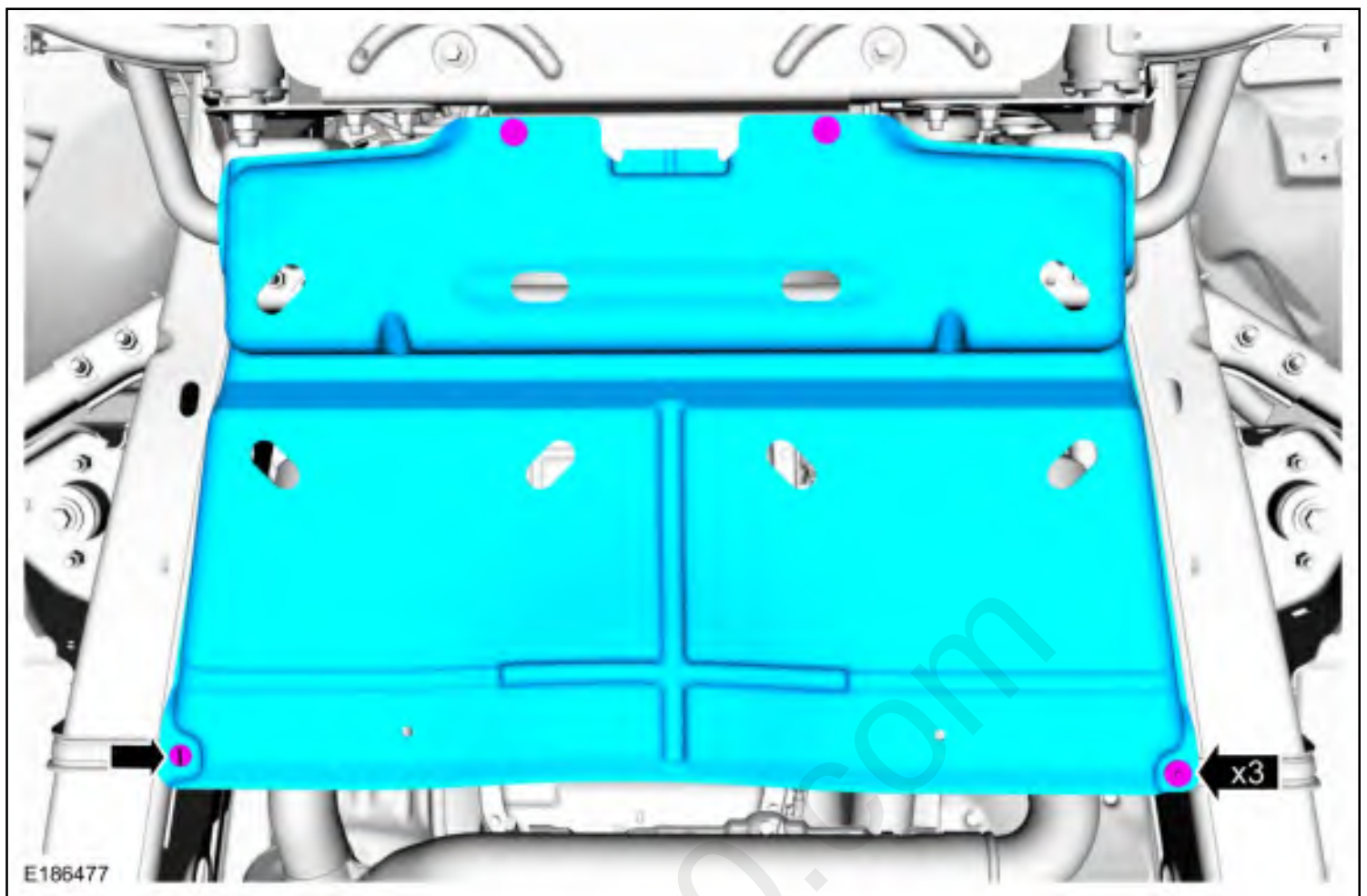
2. If equipped, remove the bolts and the skid plate.



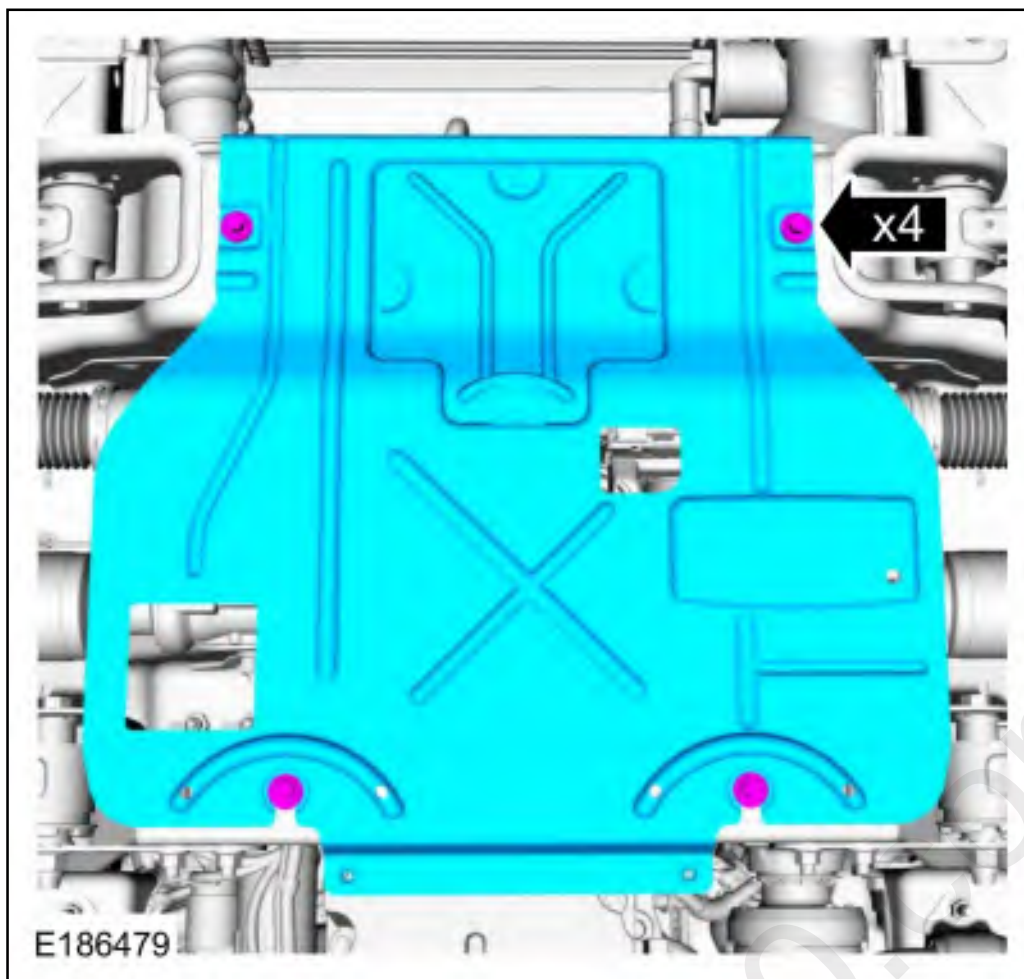
3. If equipped, remove the fasteners and the underbody shield.



4. If equipped, remove the fasteners and the underbody shield.



5. If equipped, remove the bolts and the skid plate.



4X4 Vehicles

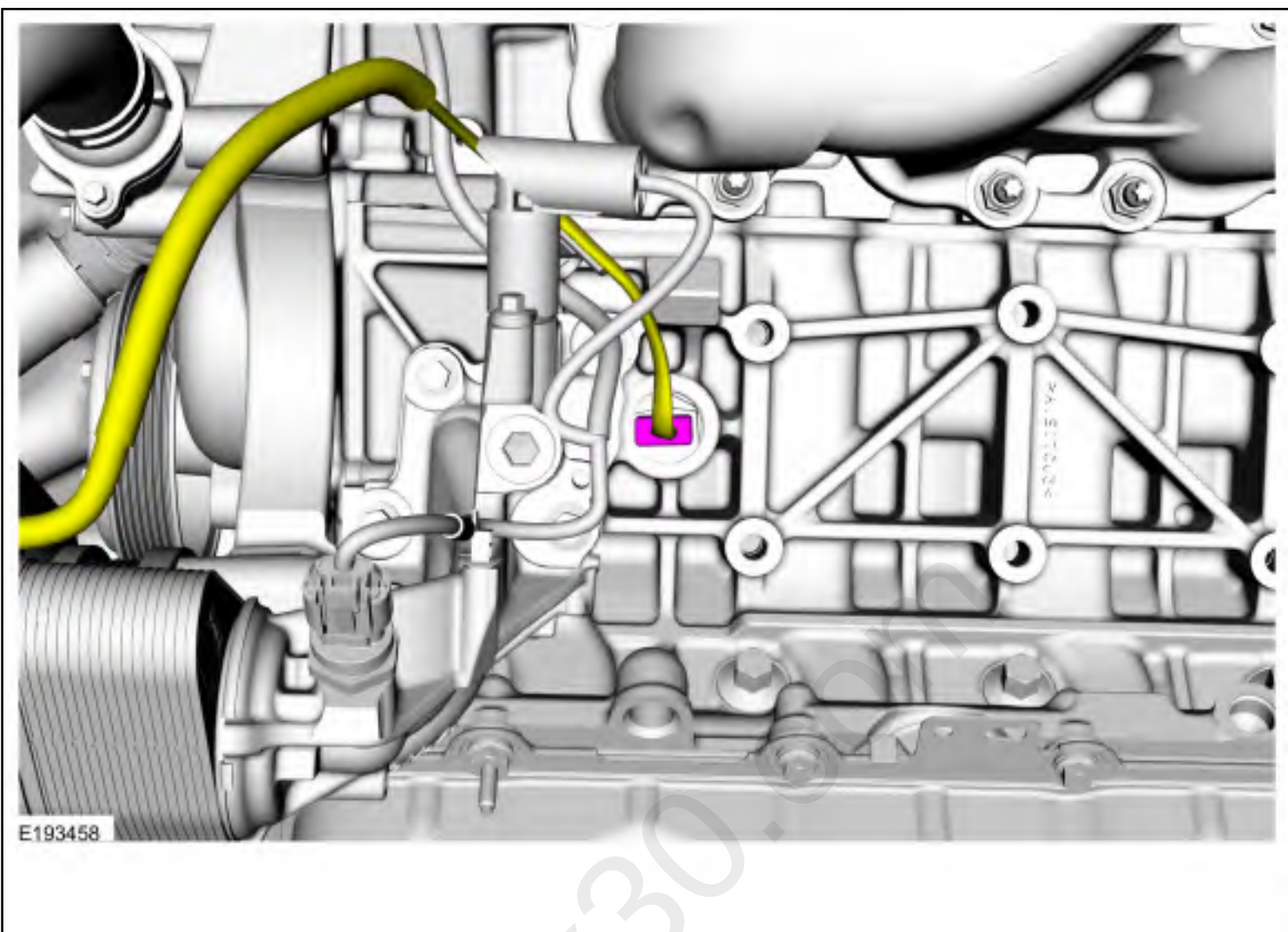
6. Remove the generator.

Refer to: [Generator - 5.0L 32V Ti-VCT](#) (414-02 Generator and Regulator, Removal and Installation).

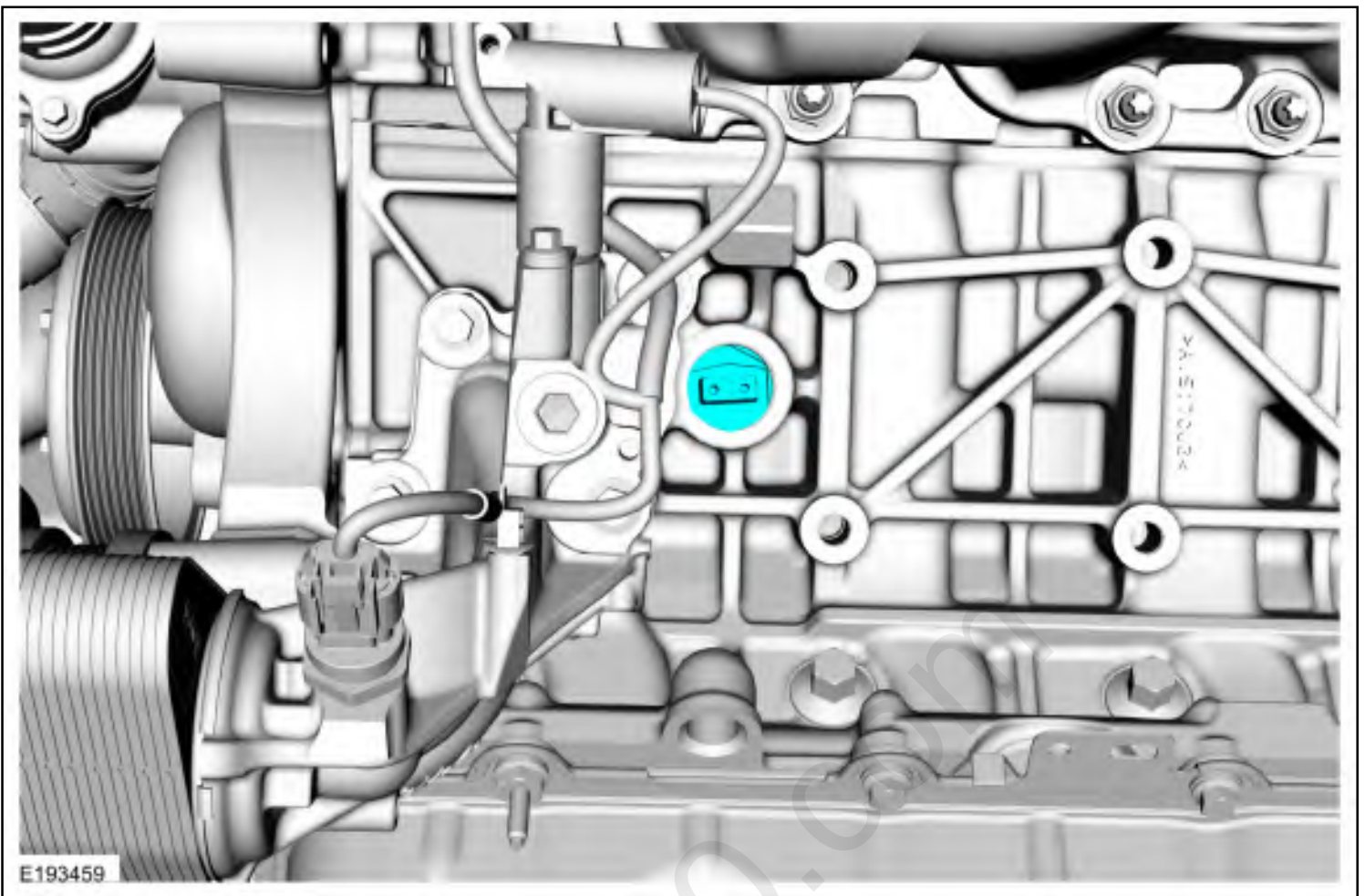
All Vehicles

7. **NOTE:** Make sure the block heater wiring is routed and secured away from rotating or hot components.

Disconnect the block heater electrical connector.



8. Remove the block heater.
Torque: 30 lb.ft (40 Nm)



Installation

1. 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).