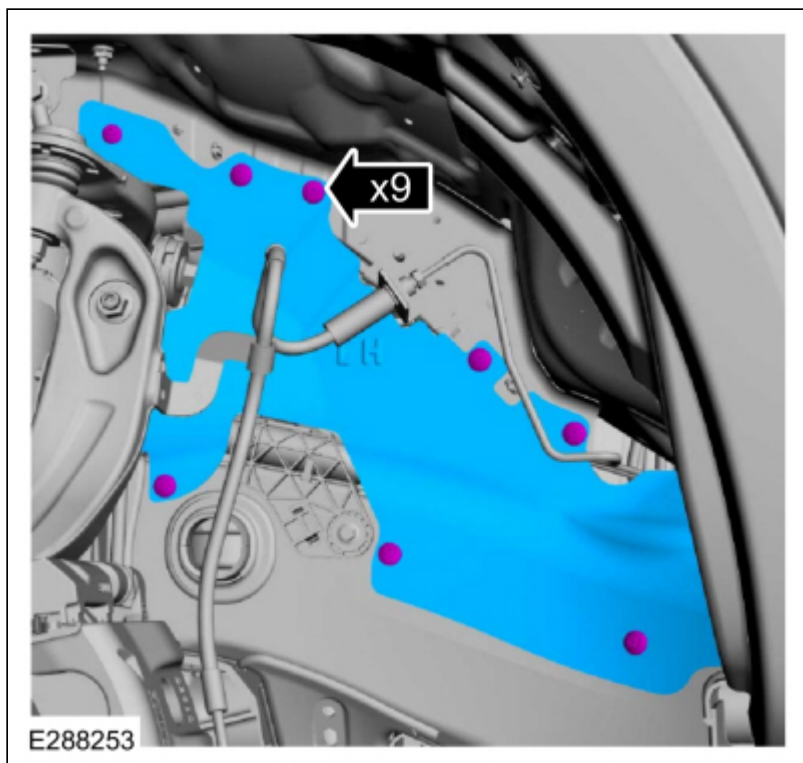


Block Heater

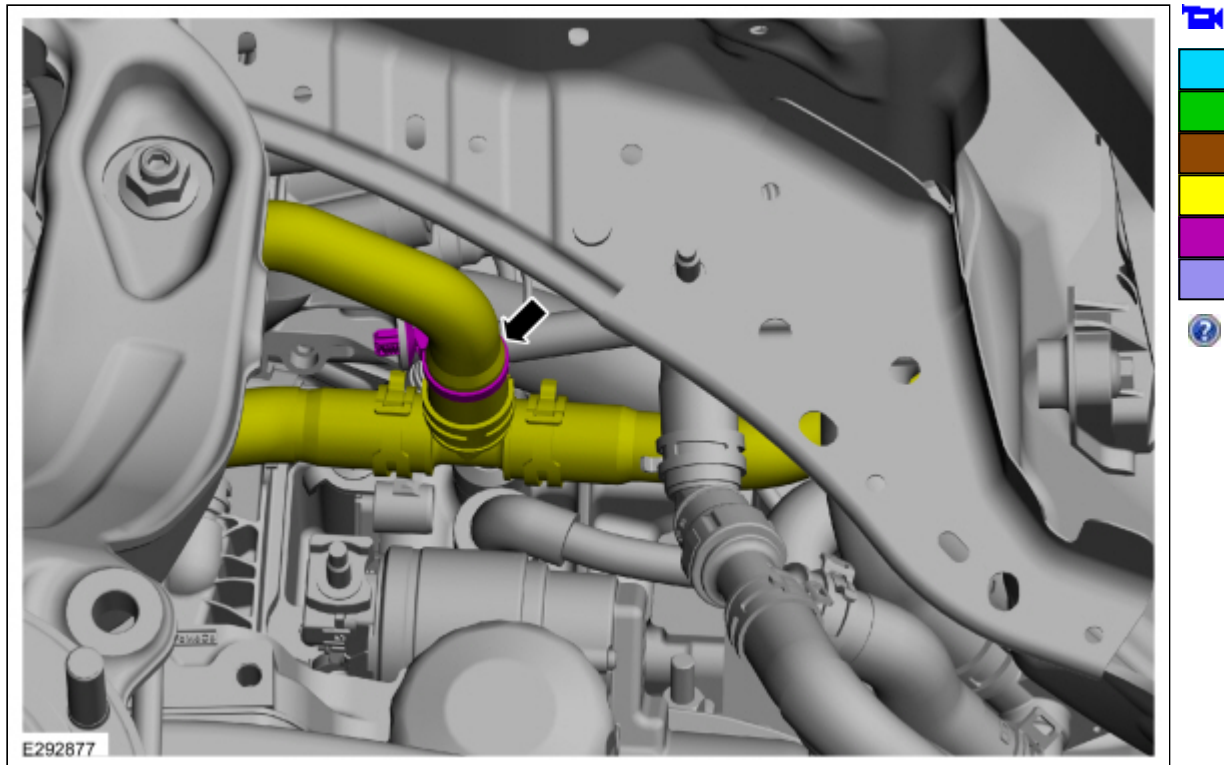
Removal

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

1. Drain the cooling system.
Refer to: [Engine Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03 Engine Cooling - 2.3L EcoBoost (201kW/273PS), General Procedures).
2. Remove the front LH wheel and tire.
Refer to: [Wheel and Tire](#) (204-04A Wheels and Tires, Disassembly and Assembly).
3. Remove the retainers and the LH fender splash shield.



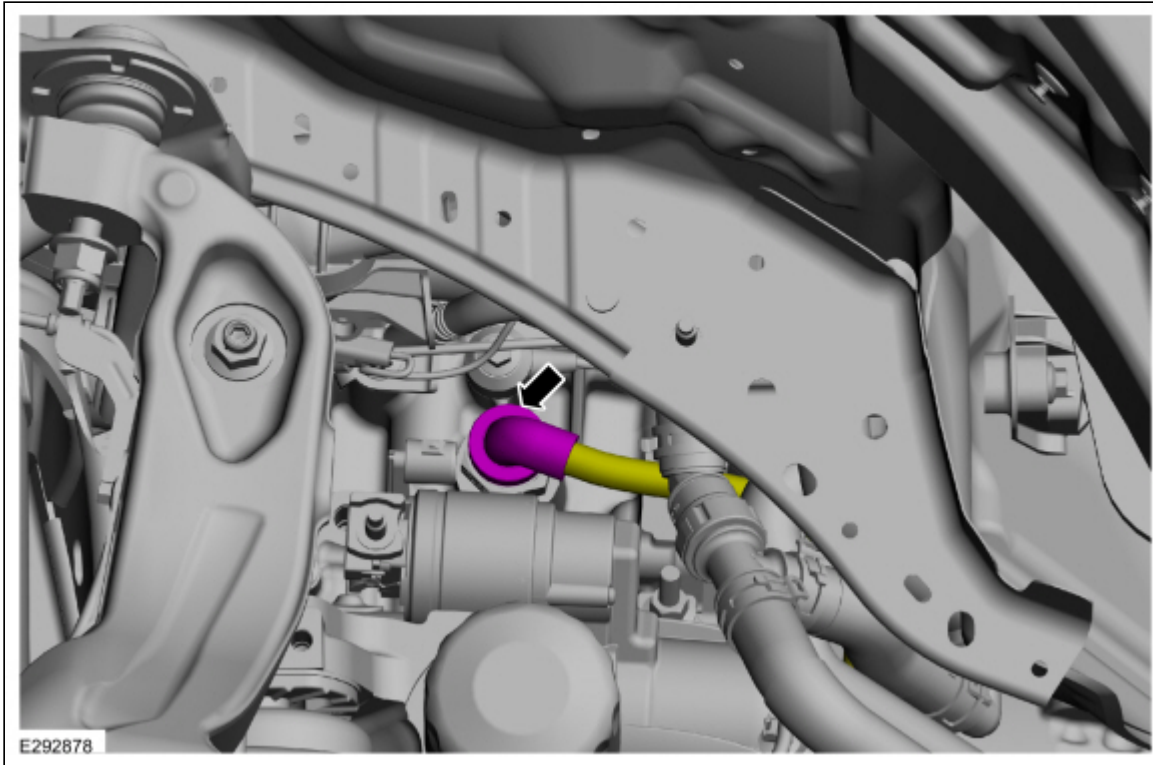
4.
 - Detach the coolant hose retainer.
 - By using pry bar, position the coolant hoses aside.



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

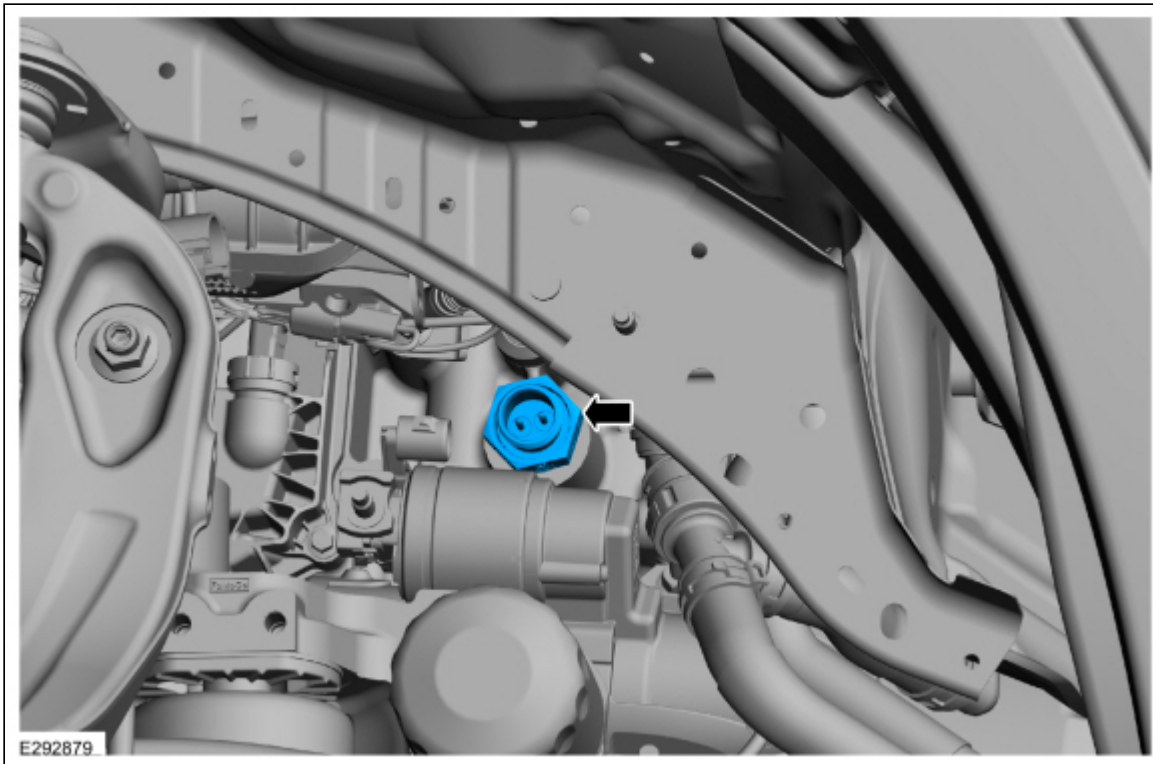
Disconnect the block heater electrical connector.





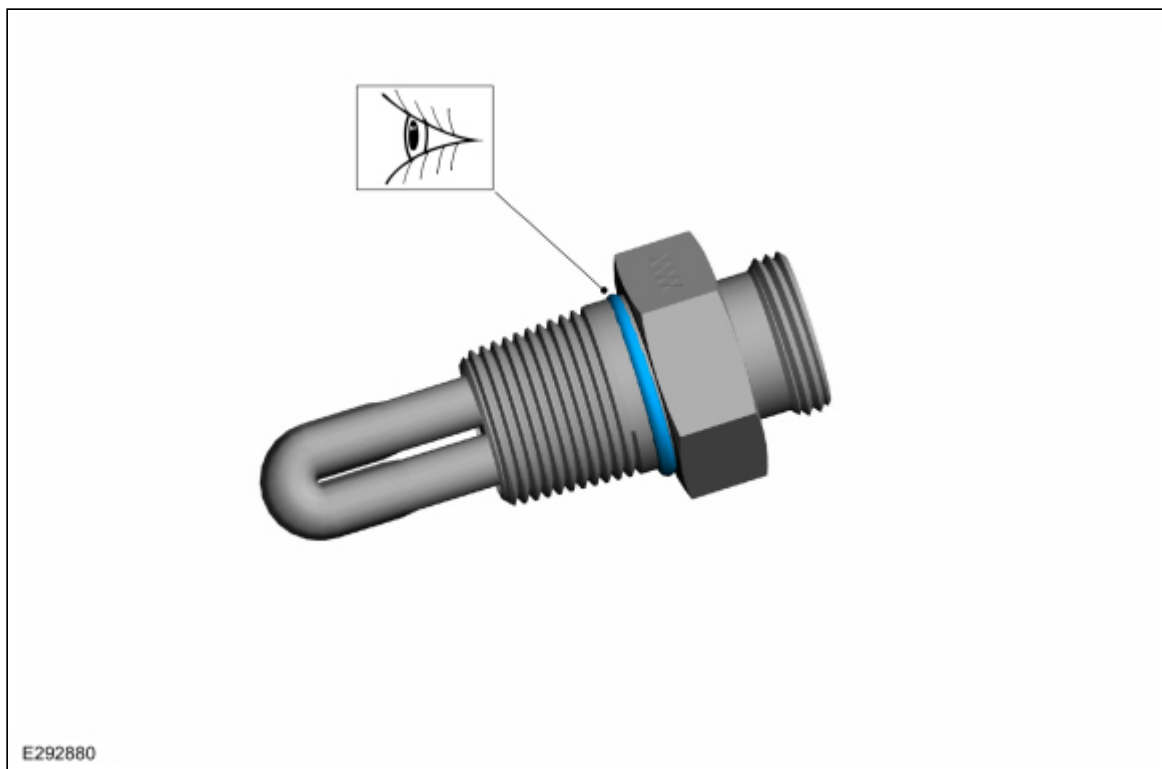
- 6. Remove the block heater.
Torque: 30 lb.ft (40 Nm)





7. Inspect the O-ring seal and replace if necessary.

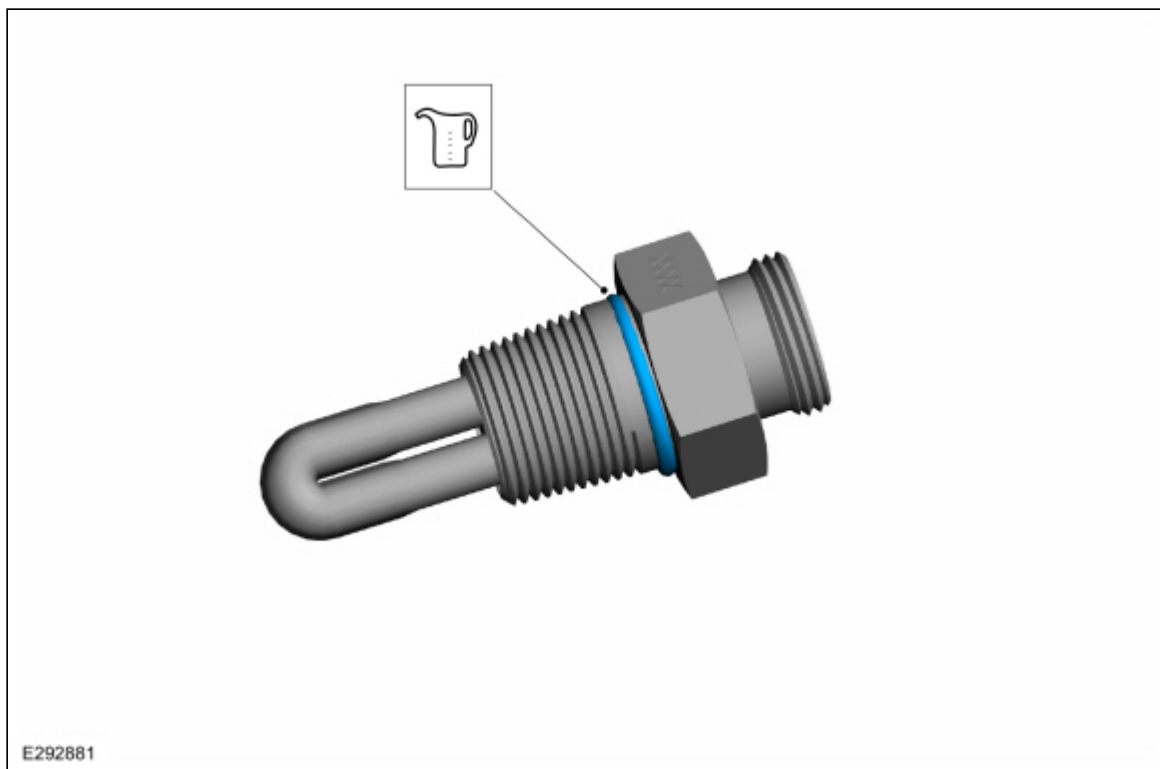




Installation

1. Lubricate the O-ring seal with clean engine coolant.
Refer to: [Specifications](#) (303-03 Engine Cooling - 2.3L EcoBoost (201kW/273PS), Specifications).





2. To install, reverse the removal procedure.

3. Fill and bleed the cooling system.

Refer to: [Engine Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03 Engine Cooling - 2.3L EcoBoost (201kW/273PS), General Procedures).

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