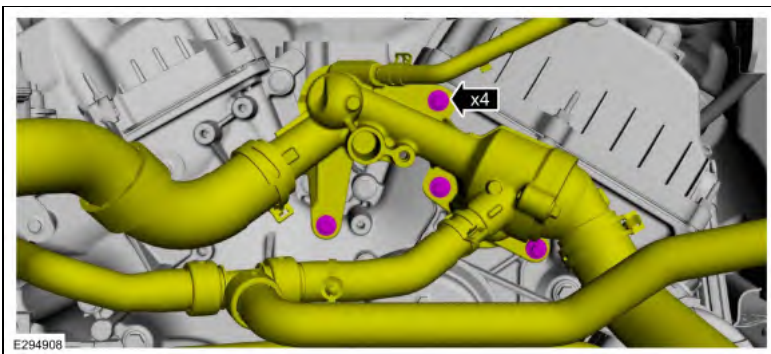


Lower Intake Manifold

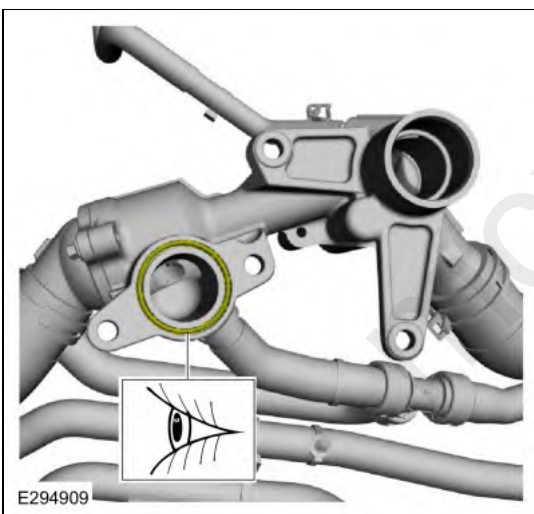
Removal

NOTICE: During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

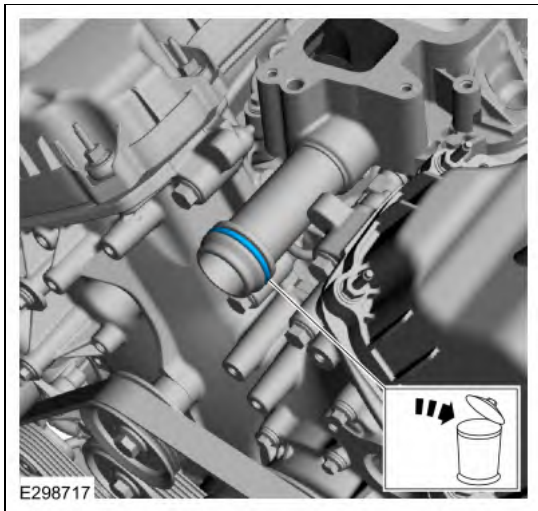
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
2. Remove the port injection fuel rail.
Refer to: Port Injection Fuel Rail (303-04C Fuel Charging and Controls - 3.3L Duratec-V6/3.3L Duratec-V6 â€“ Hybrid (BP), Removal and Installation).
3. Drain the cooling system.
Refer to: Engine Cooling System Draining, Vacuum Filling and Bleeding (303-03D Engine Cooling - 3.3L Duratec-V6 â€“ Hybrid (BP), General Procedures).
4. Remove the bolts and position the thermostat housing aside.



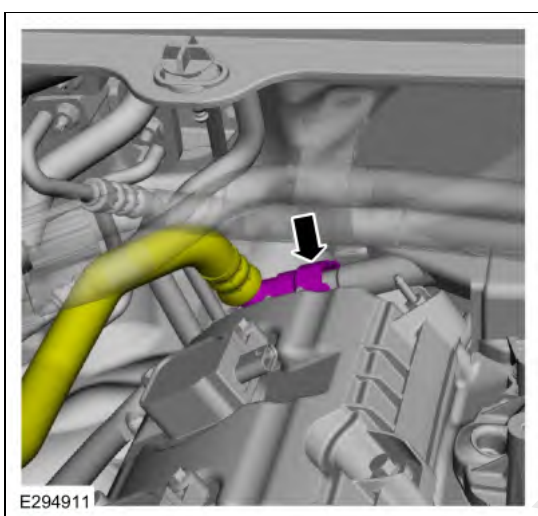
5. Inspect the O-ring seal and replace if necessary.



6. Remove and discard the coolant tube O-rings seal.



7. Disconnect the coolant tube from the lower intake manifold.



8. Remove the bolts and the lower intake manifold.