

# Climate Control Housing - 5.0L 32V Ti-VCT



## Special Tool(s) / General Equipment

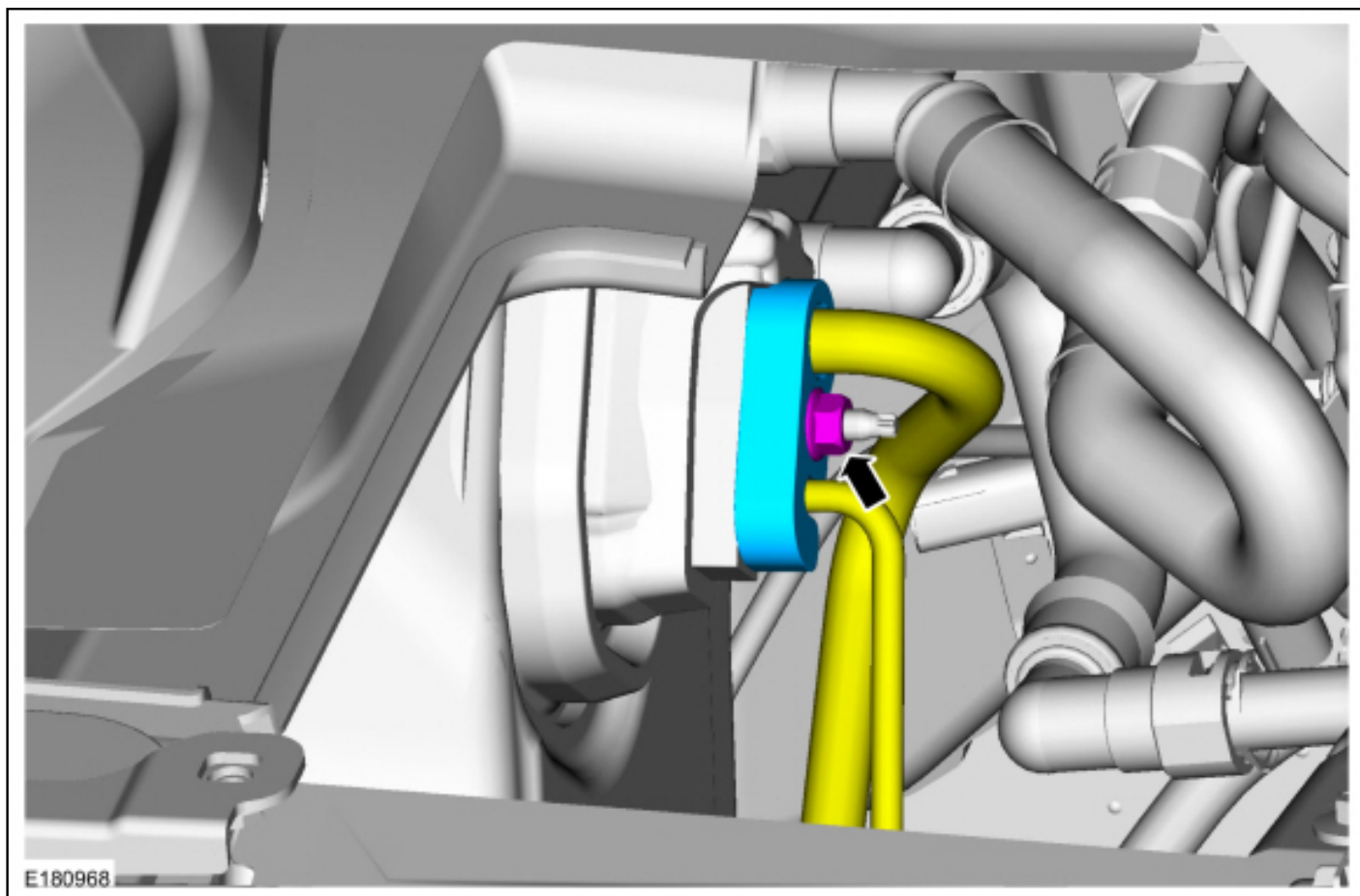
Locking Pliers
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## Removal

**NOTICE:** During the removal of components, cap, tape or otherwise appropriately protect all openings to prevent the ingress of dirt or other contamination. Remove protective materials prior to installation.

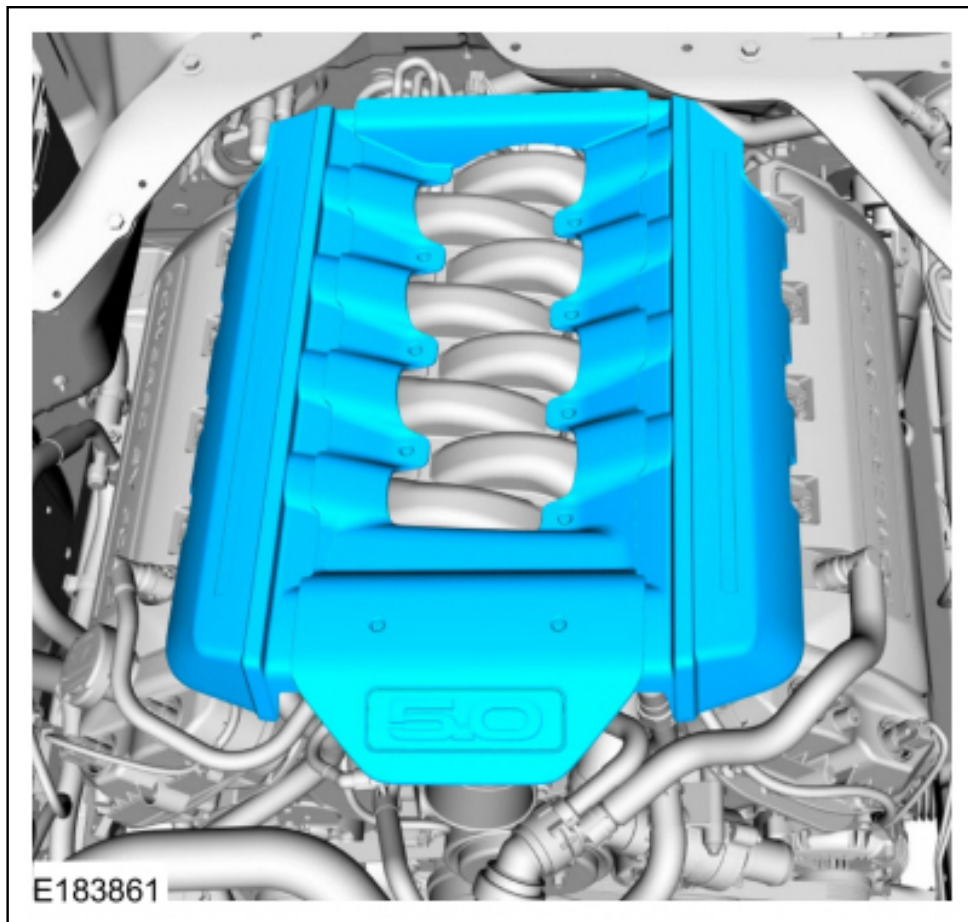
**NOTE:** Removal steps in this procedure may contain installation details.

1. Recover the refrigerant. Refer to the appropriate Recovery procedure in Group 412.
2. Remove the instrument panel.  
Refer to: [Instrument Panel](#) (501-12 Instrument Panel and Console, Removal and Installation).
3. Remove the nut and the Thermostatic Expansion Valve (TXV) bracket, and disconnect the A/C condenser outlet line and the evaporator outlet line.
  - Make sure to cover any open ports to prevent debris from entering the system.  
*Torque:* 133 lb.in (15 Nm)

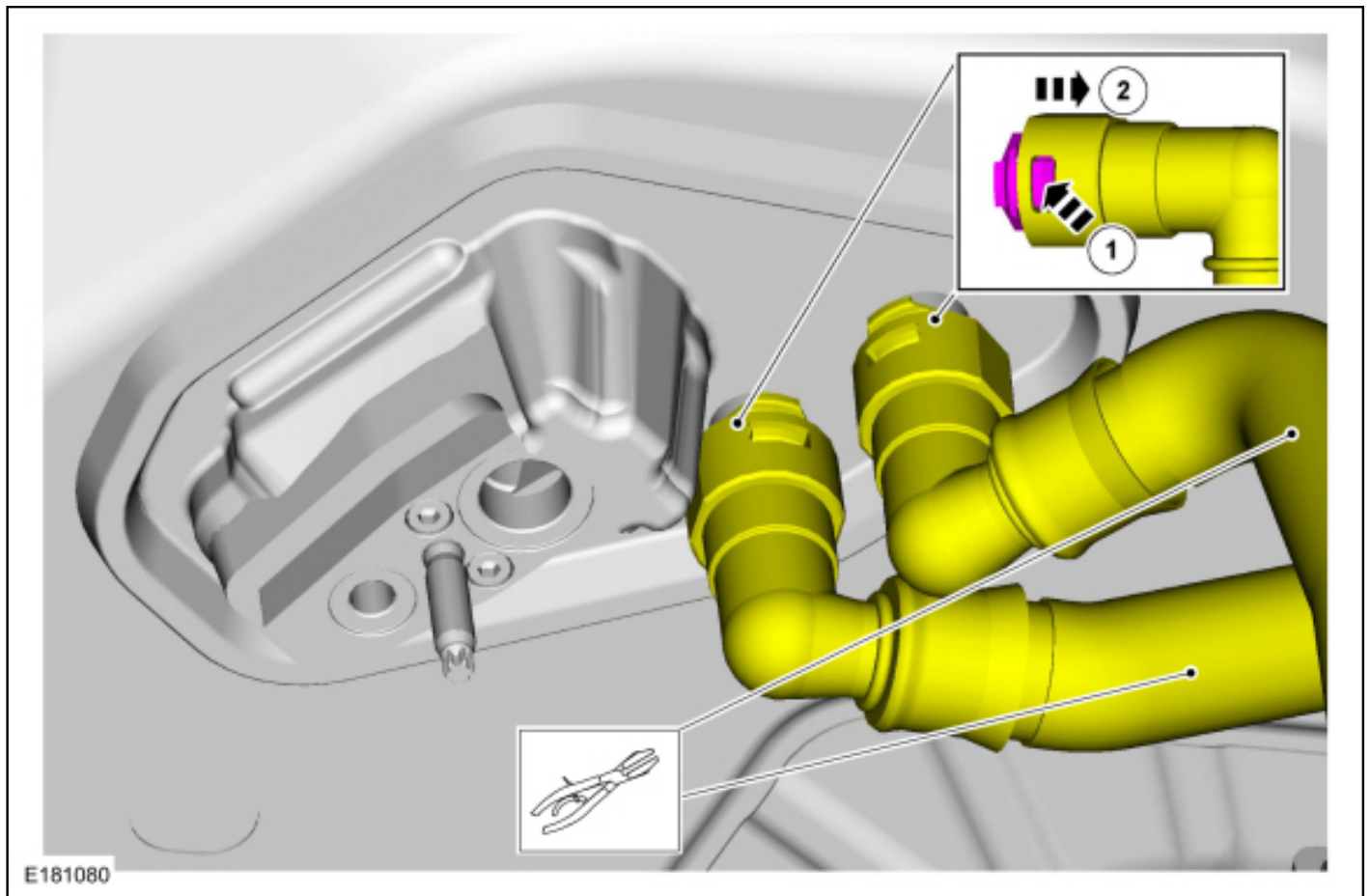


4. **NOTE:** *The engine appearance cover rubber grommets may remain on the cover. If so, remove the grommets from the cover and install them on the intake manifold before installing the cover.*

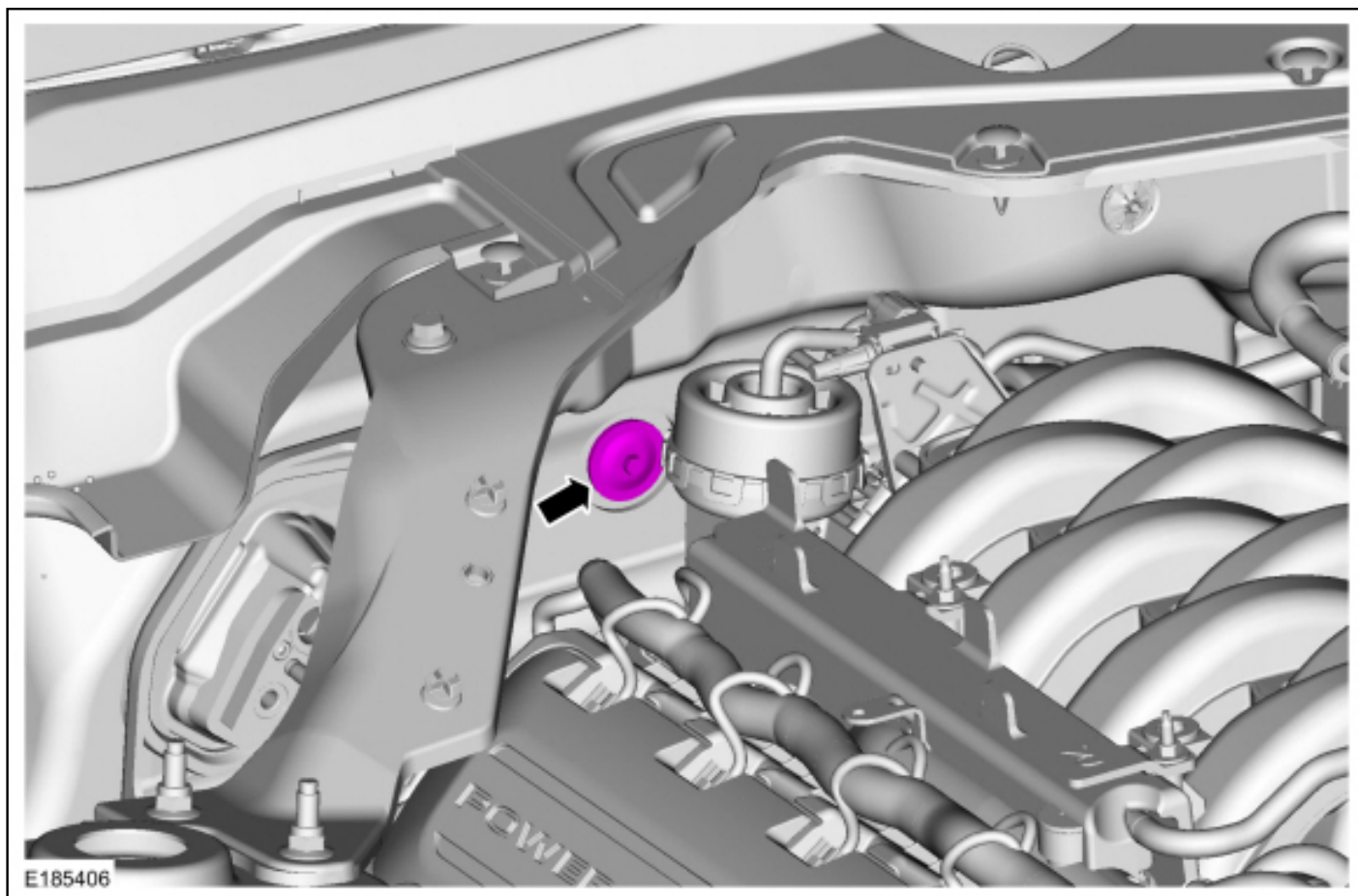
Remove the engine appearance cover.



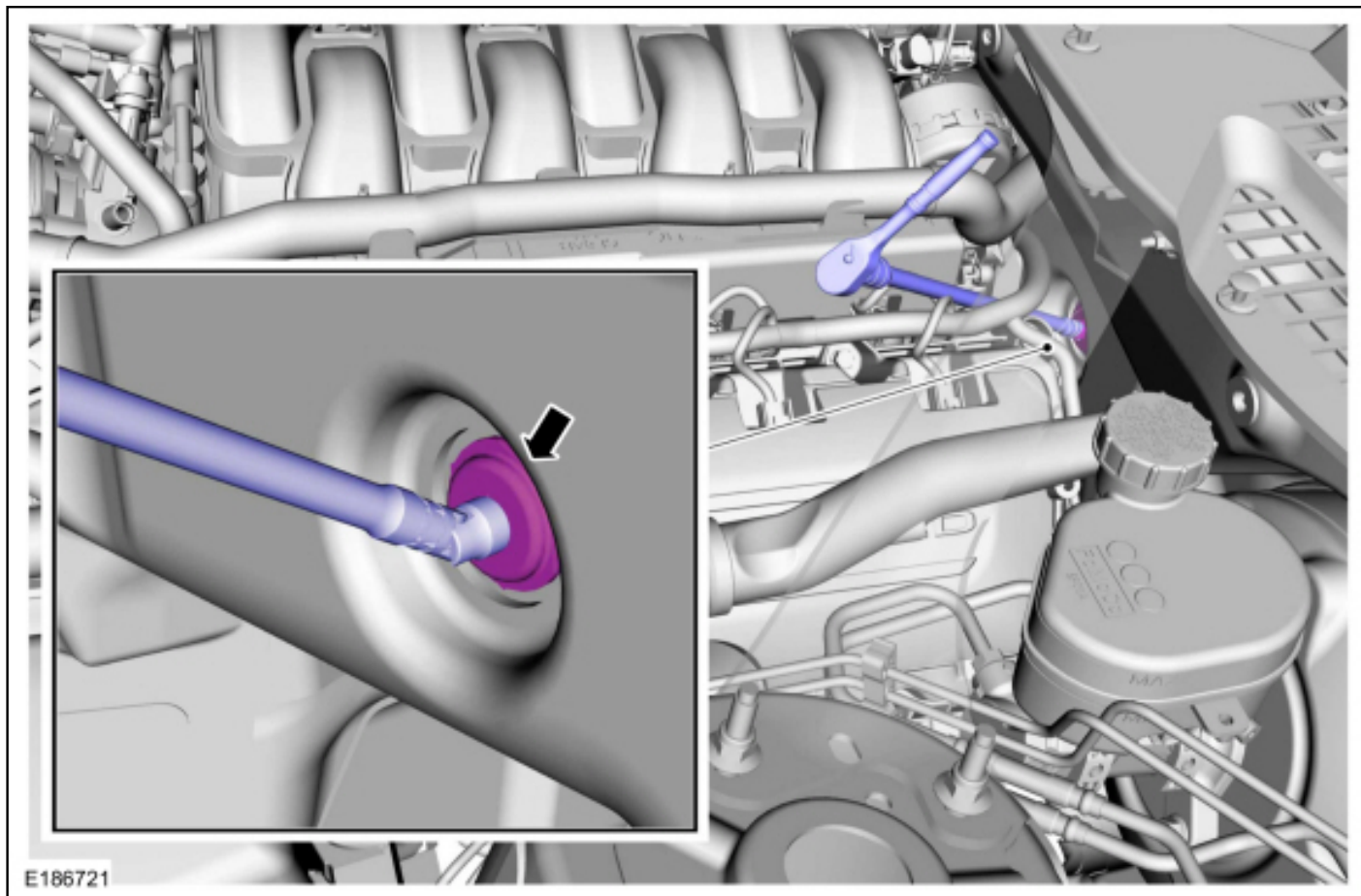
5. Clamp and disconnect the heater core inlet and outlet hoses.  
Use the General Equipment: Locking Pliers



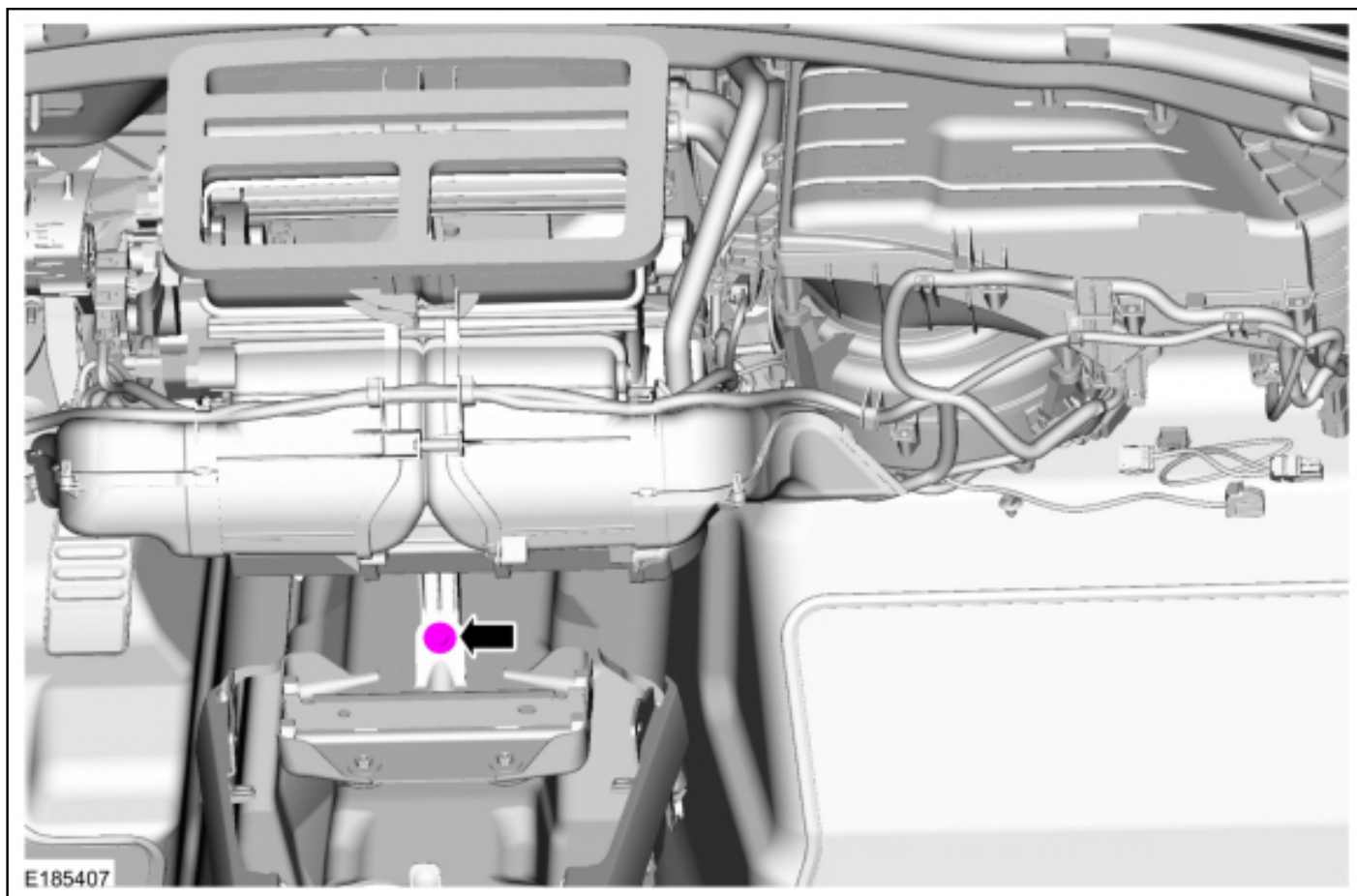
6. Remove the bolt and washer.  
*Torque: 62 lb.in (7 Nm)*



7. Remove the bolt and washer.  
*Torque: 62 lb.in (7 Nm)*



8. Remove the bolt.  
*Torque: 62 lb.in (7 Nm)*

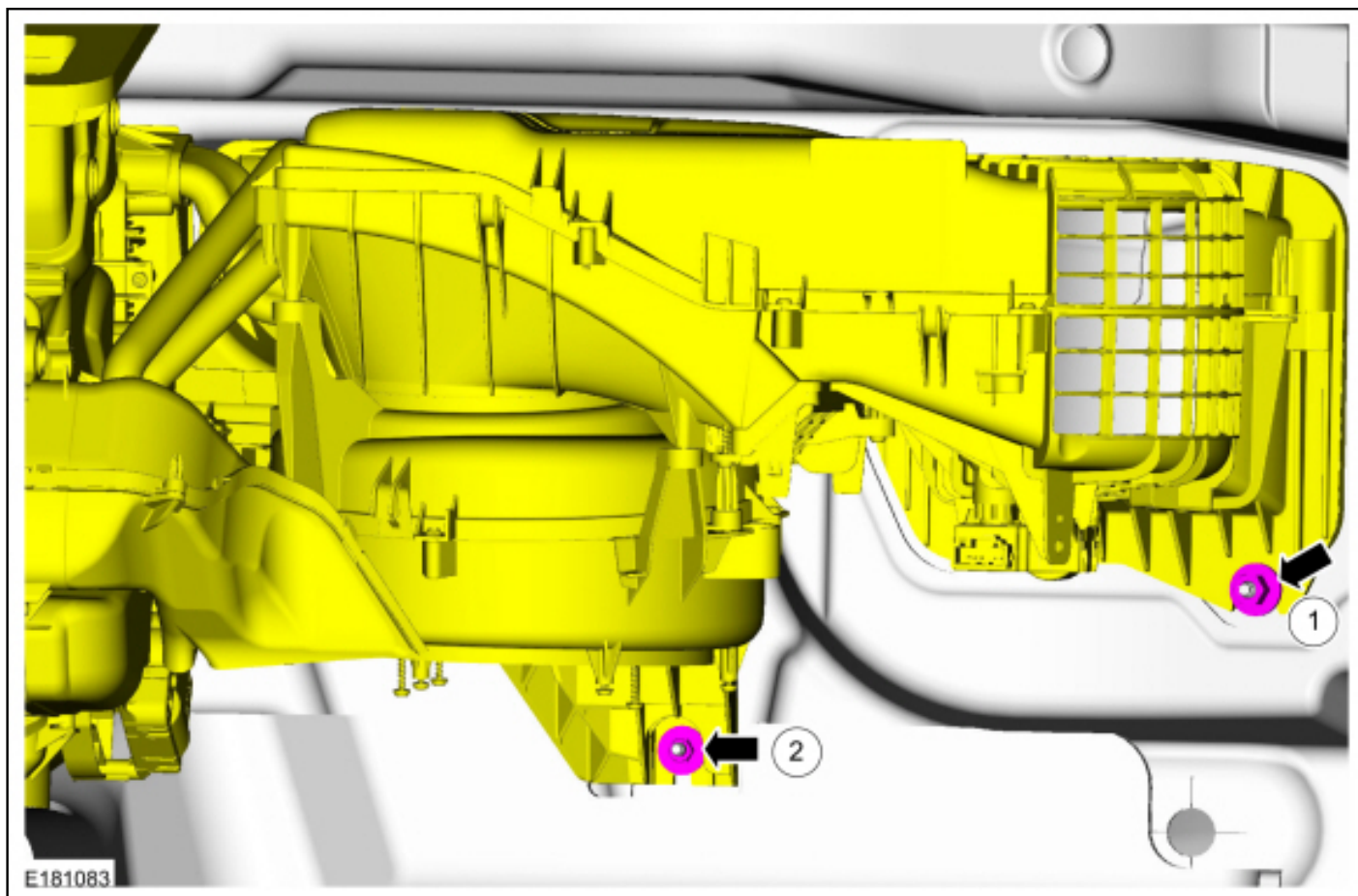


9. Remove the nuts and washers.

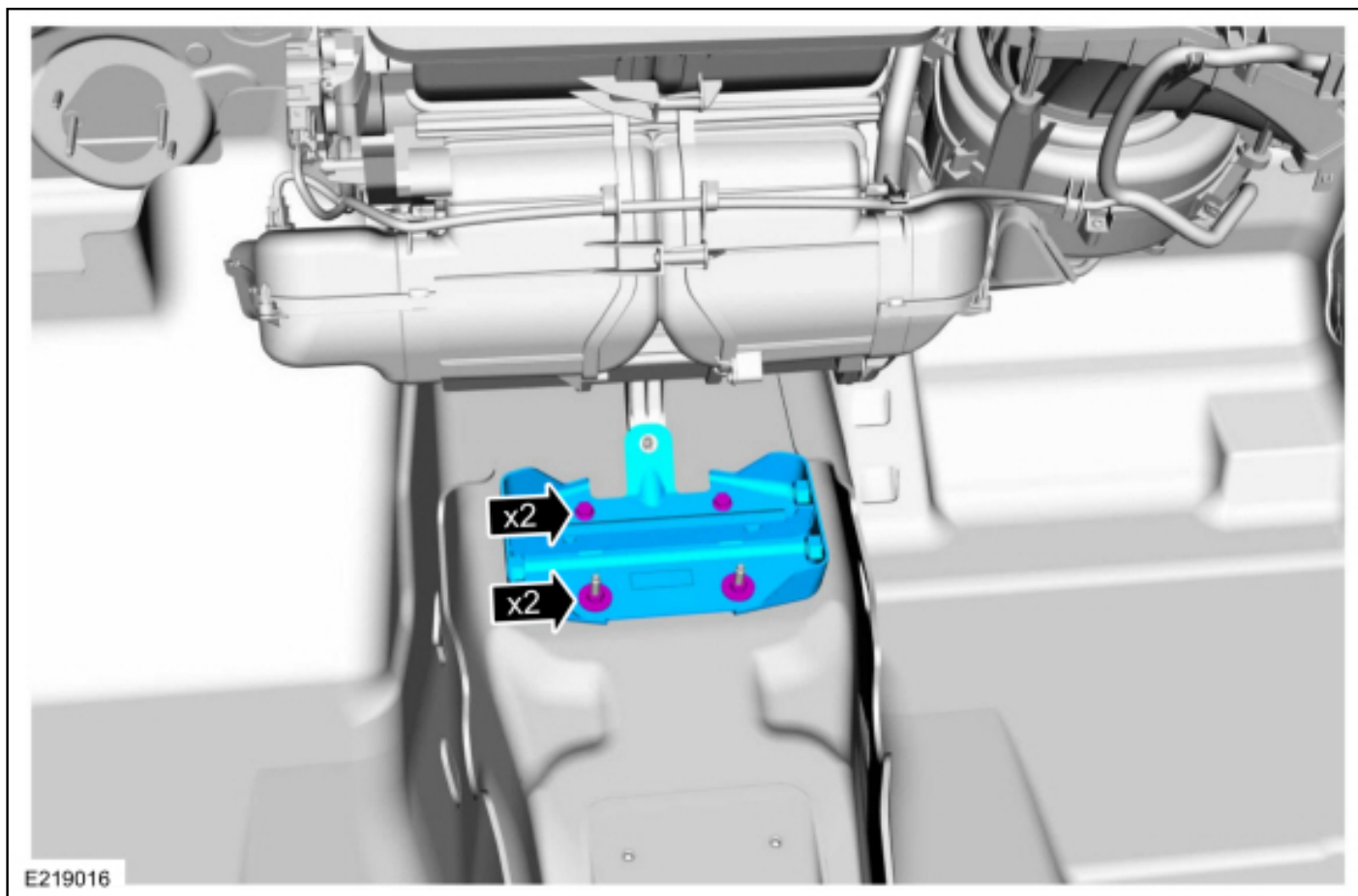
*Torque:*

1.: 62 lb.in (7 Nm)

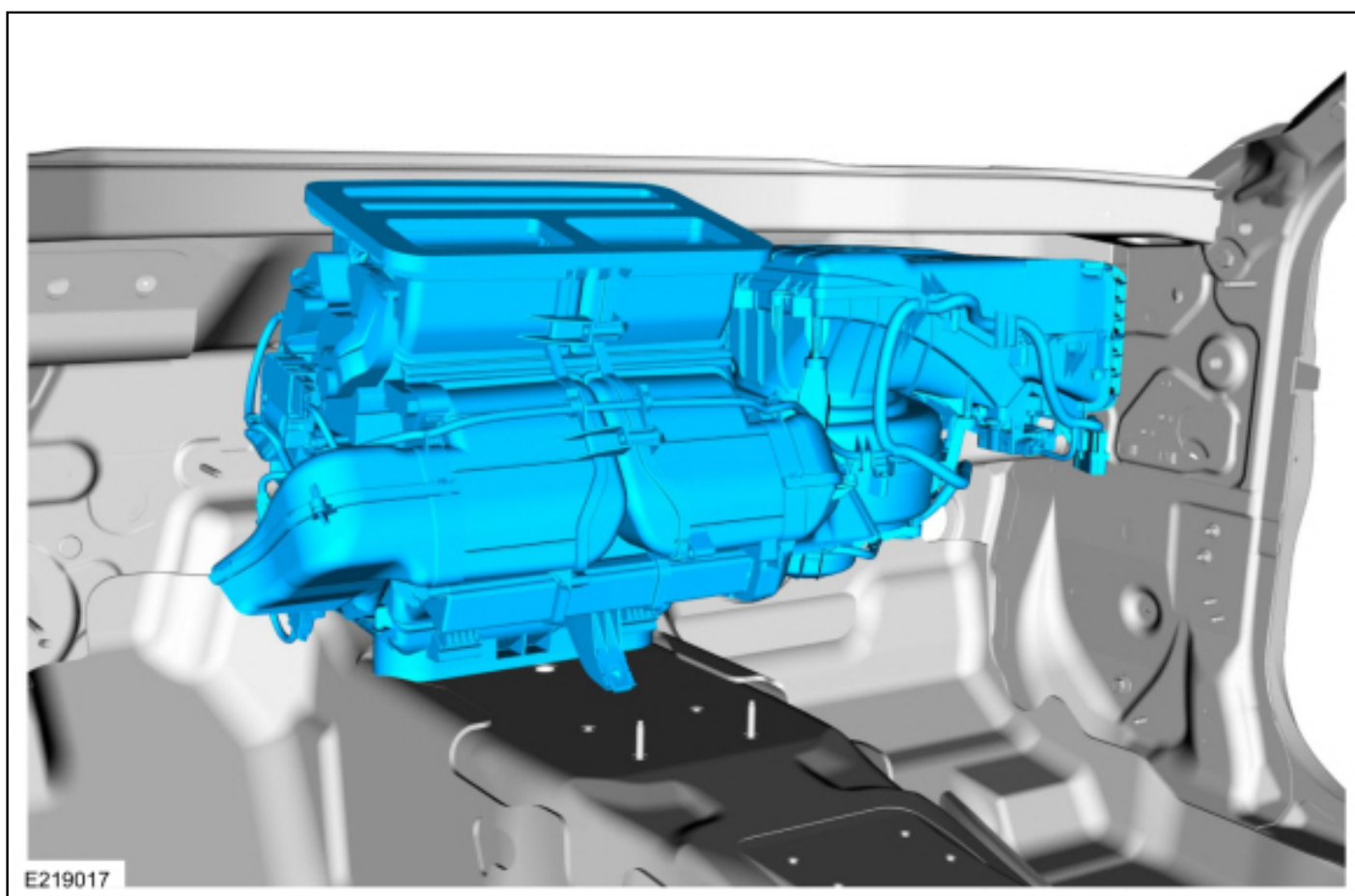
2.: 62 lb.in (7 Nm)



10. Remove the bolts, nuts and the bracket.  
*Torque: 97 lb.in (11 Nm)*



11. Remove the climate control housing.



## Installation

1. To install, reverse the removal procedure.
2. **NOTICE: Only use the specified material to lubricate the seals.**

Install and lubricate new O-ring seals. Refer to the appropriate Specifications in Group 412.

3. Lubricate the refrigerant system with the correct amount of clean PAG oil. Refer to the appropriate Refrigerant Oil Adding procedure in Group 412.

4. Fill and bleed the cooling system.

Refer to: [Engine Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03B Engine Cooling - 5.0L Ti-VCT V8 (308kW/418PS), General Procedures).