

Climate Control Housing - Raptor

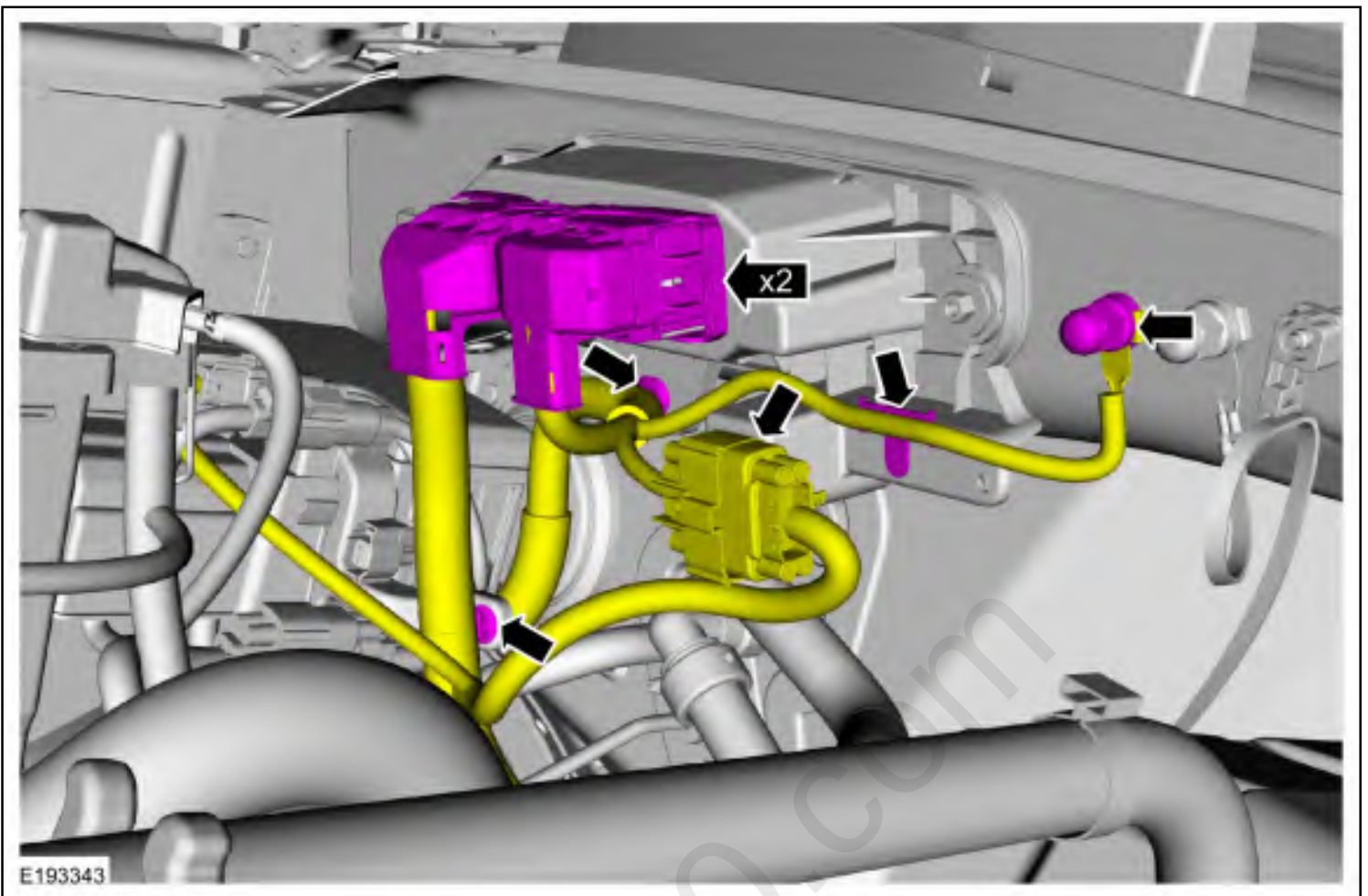
Base Part Number: Base Part Number: 19B555

Removal

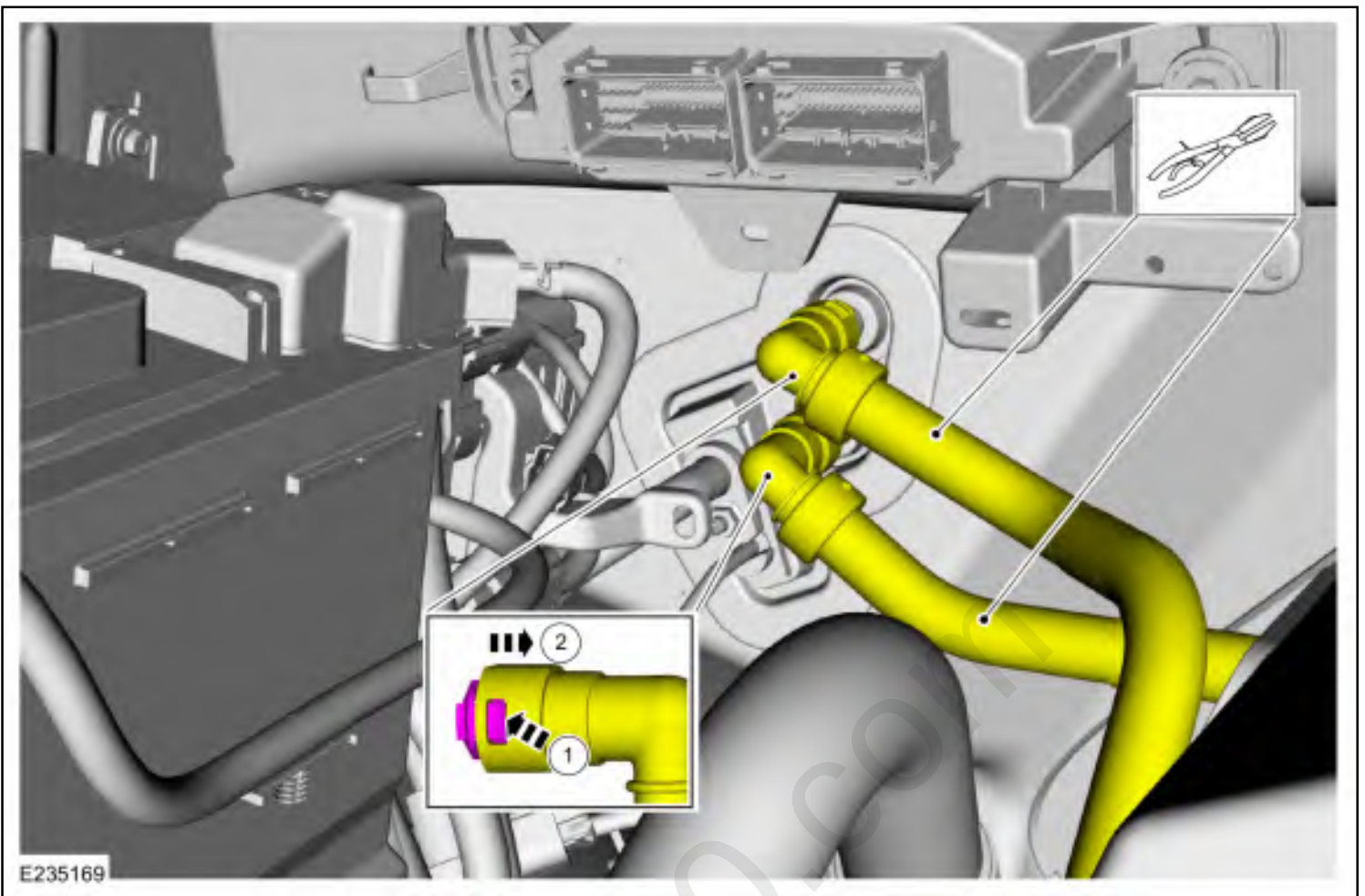
NOTICE: During the removal or installation of components, cap, tape or otherwise appropriately protect all openings and tubes/fittings to prevent the ingress of dirt or other contamination. Remove caps, tape and other protective materials prior to installation.

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

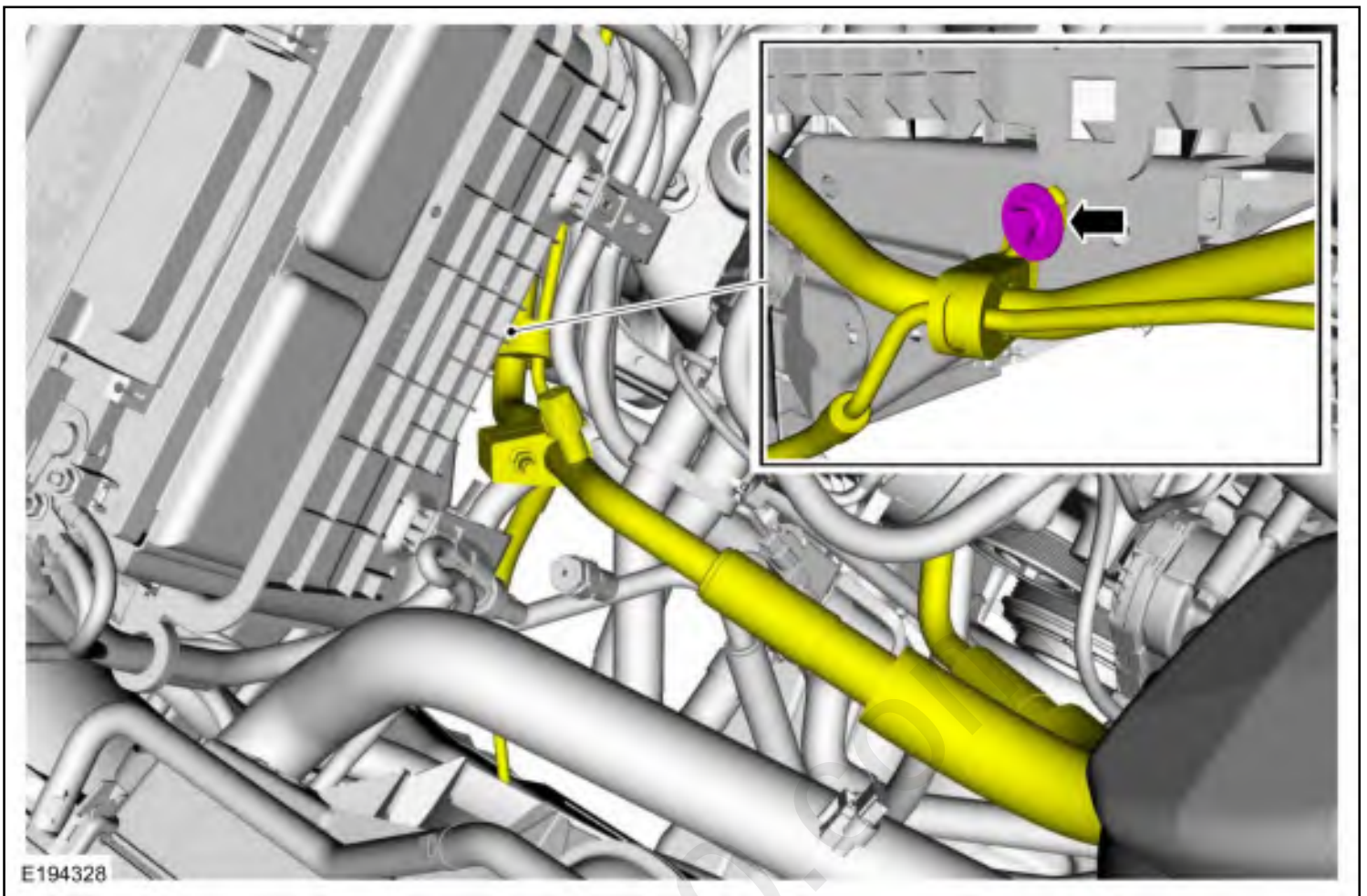
1. Recover the refrigerant. Refer to the appropriate Recovery procedure in Group 412.
2. Depower the SRS.
Refer to: [Supplemental Restraint System \(SRS\) Depowering](#) (501-20B Supplemental Restraint System, General Procedures).
3. Disconnect the PCM electrical connectors and detach the 4 wiring harness retainers. Remove the nut and the ground wiring harness and position aside the wiring harness.
Torque: 106 lb.in (12 Nm)



4. Clamp and disconnect the heater hoses.



5. Remove the thermostatic expansion valve manifold tube assembly bracket retainer.
Torque: 133 lb.in (15 Nm)

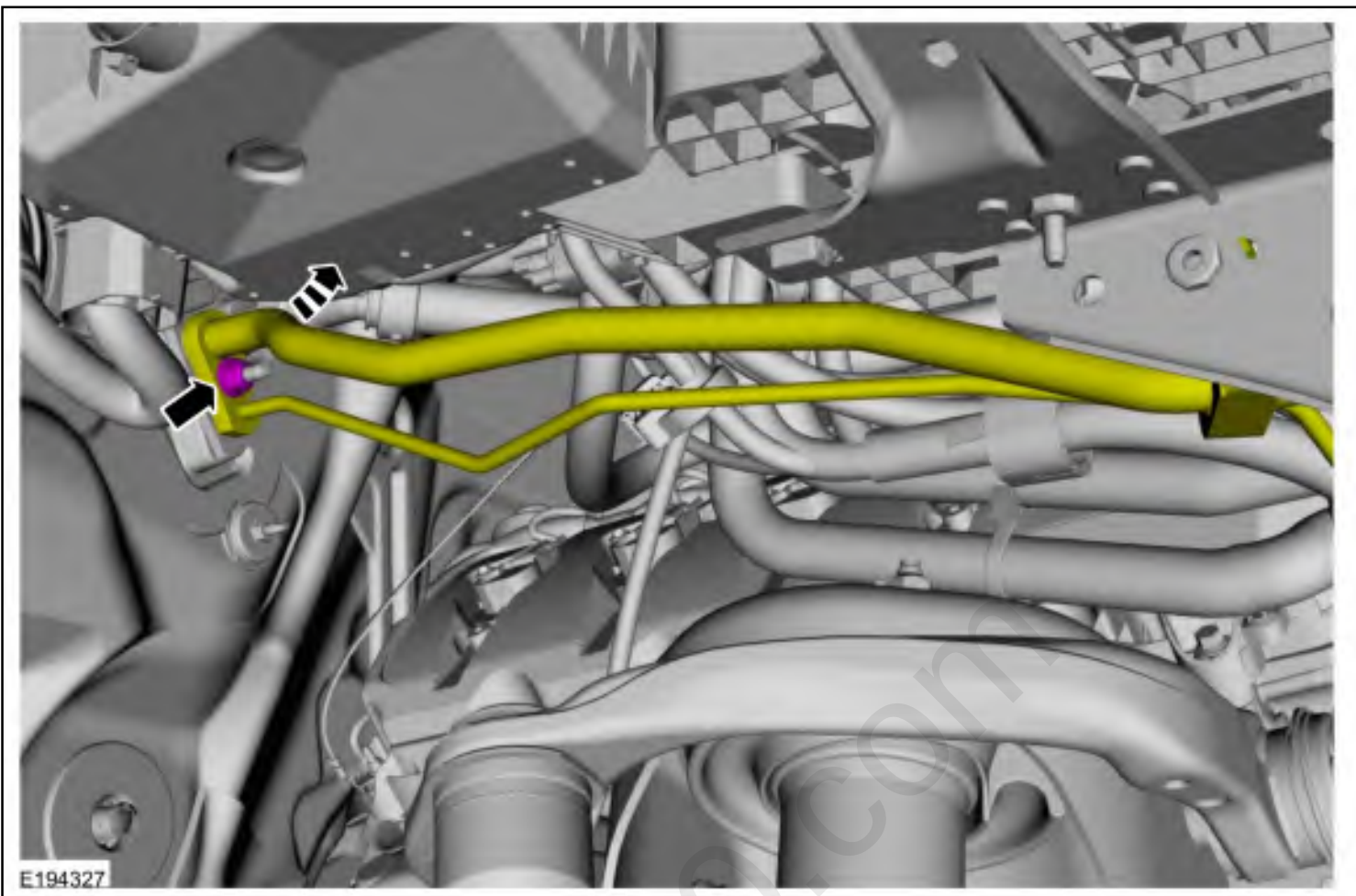


6. NOTICE: Make sure that all openings are sealed.

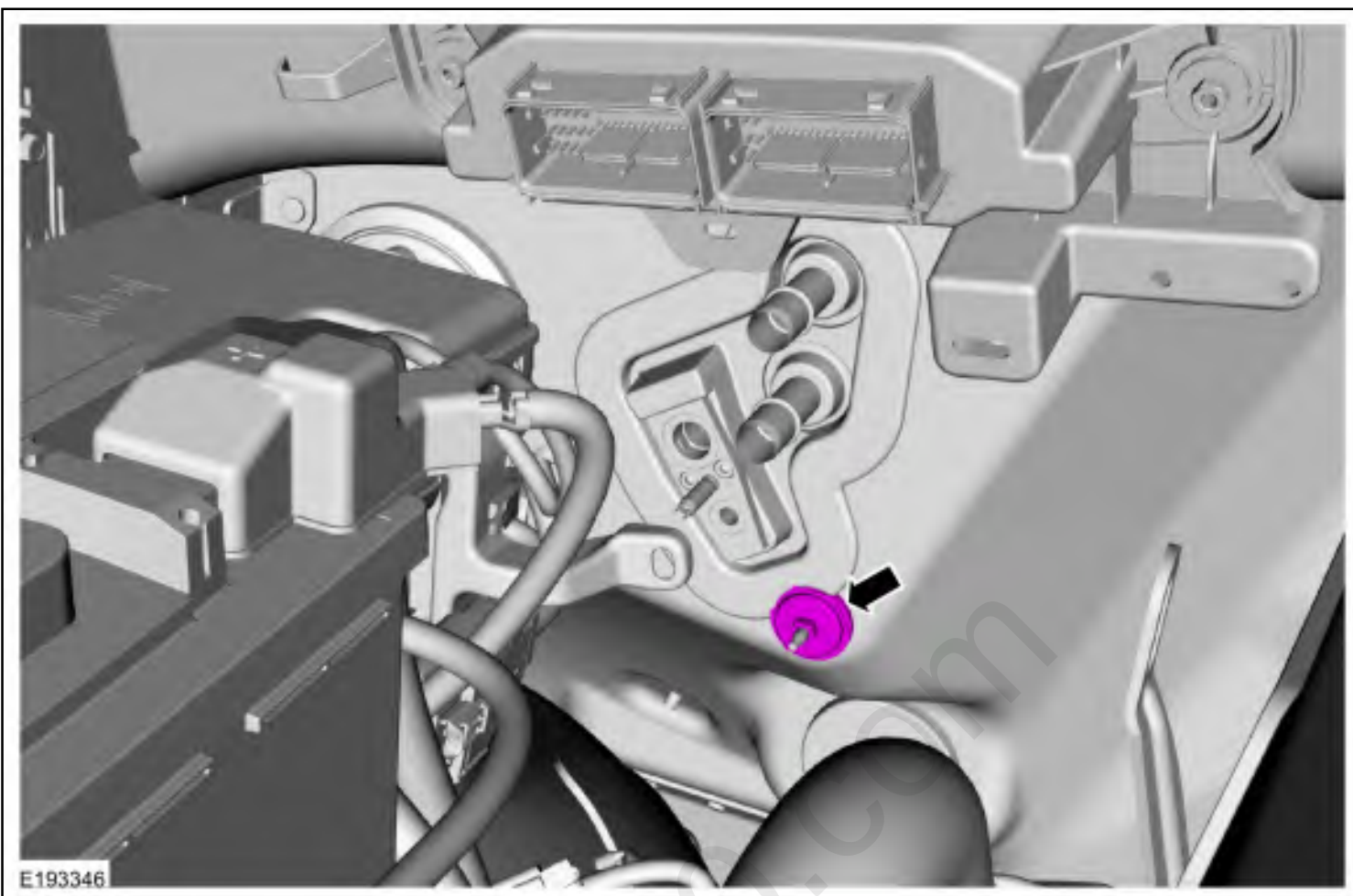
Remove the thermostatic expansion valve manifold and tube assembly nut, position the thermostatic expansion valve manifold and tube assembly aside and discard the gasket seals.

- Make sure to cover any open ports to prevent debris from entering the system.

Torque: 80 lb.in (9 Nm)



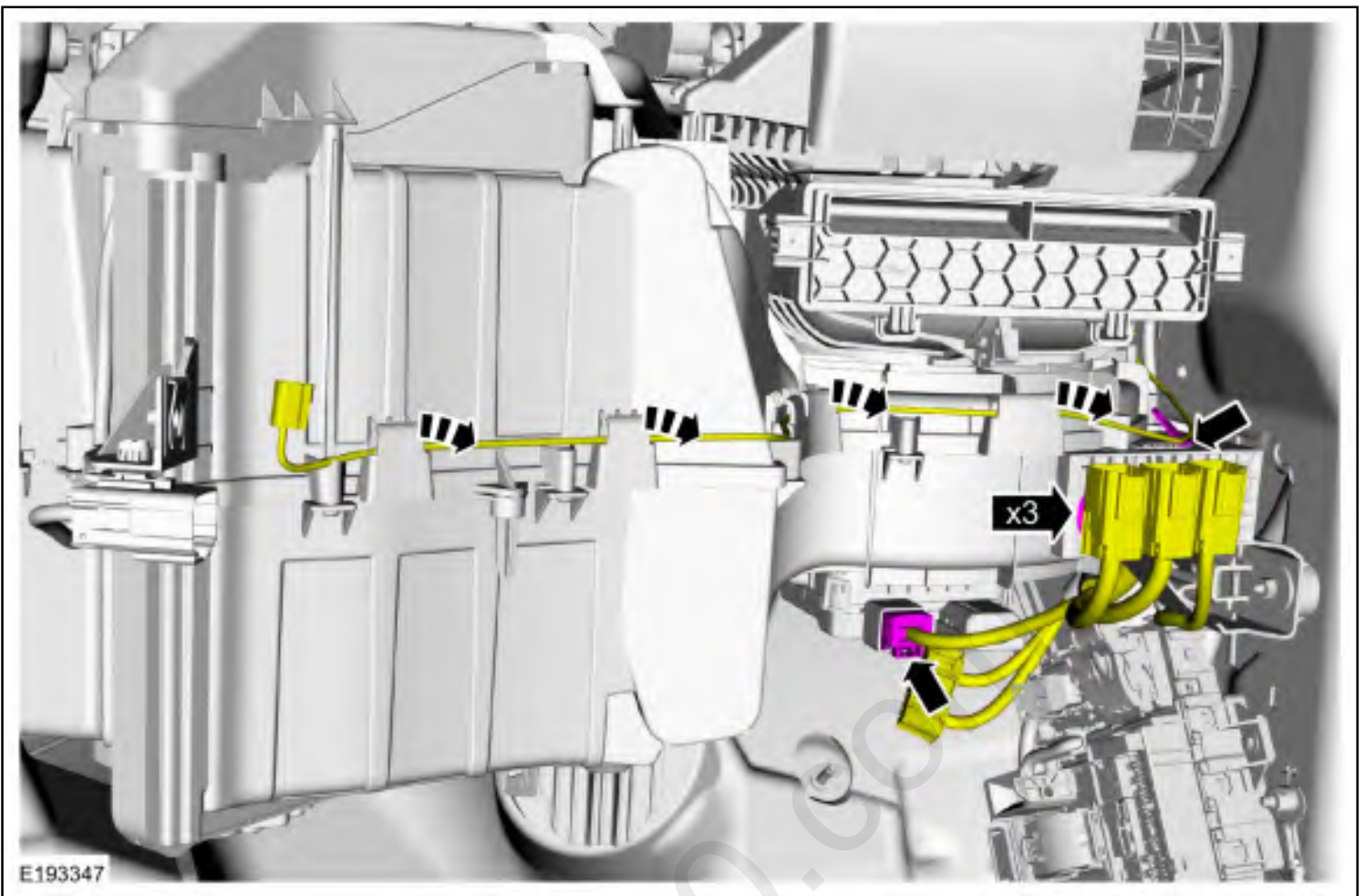
7. Remove the nut and washer.
Torque: 62 lb.in (7 Nm)



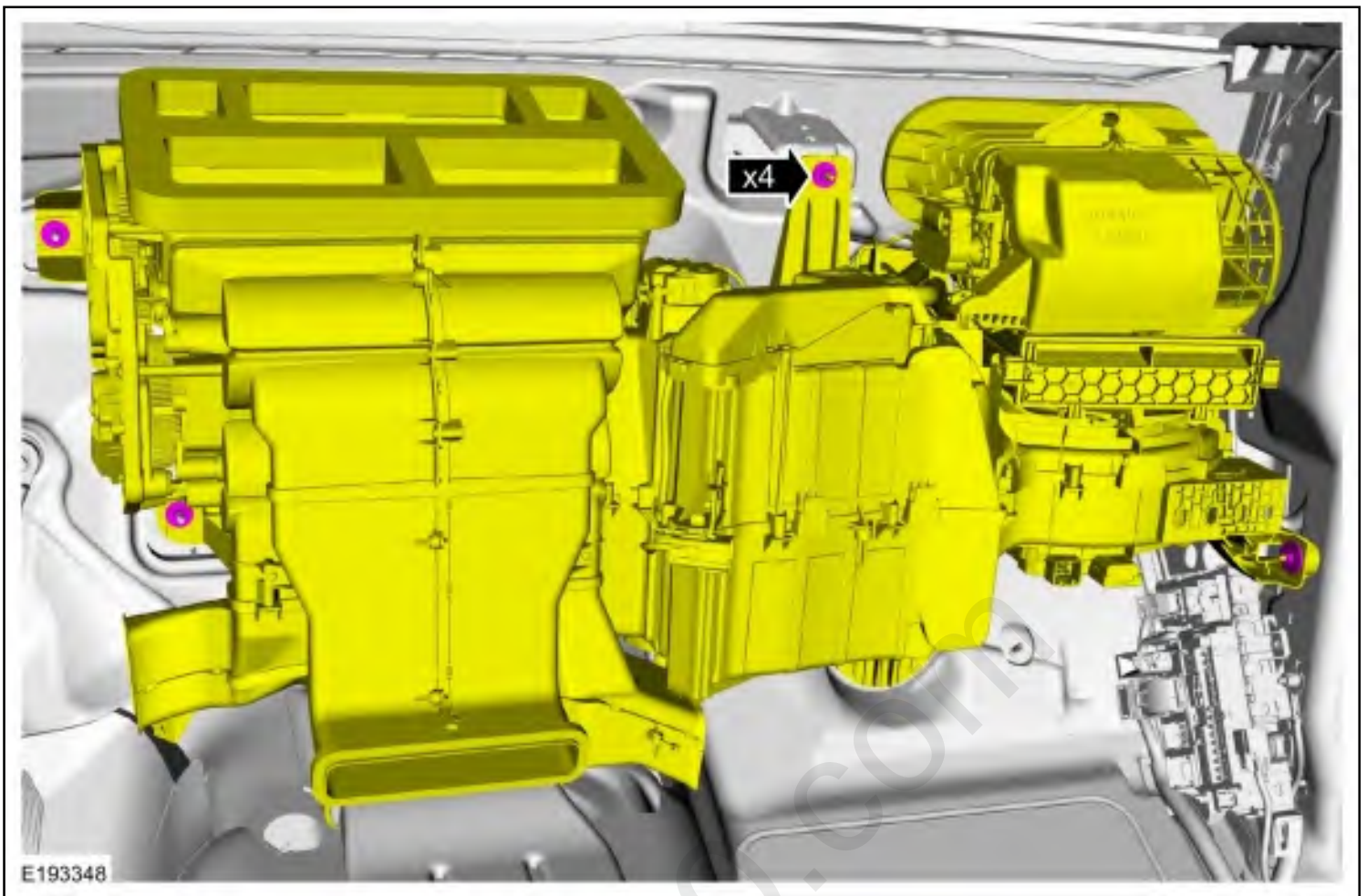
8. Remove the instrument panel.

Refer to: [Instrument Panel](#) (501-12 Instrument Panel and Console, Removal and Installation).

- Disconnect the blower motor control module electrical connector, detach the wiring harness retainers.
- Detach the retainer, position aside the antenna cable wire harness.

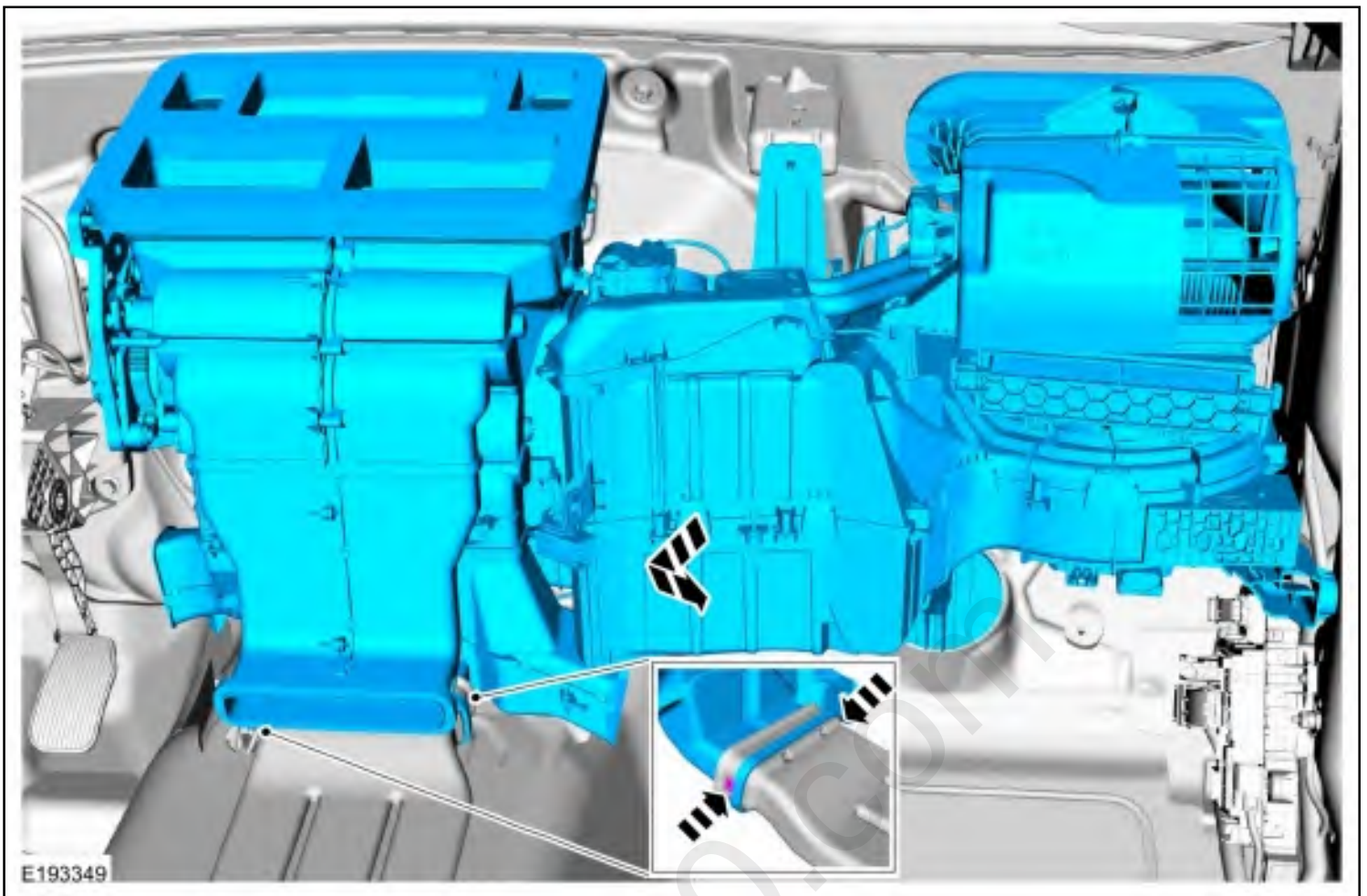


10. Remove the nuts and washers.
Torque: 62 lb.in (7 Nm)



11. **NOTE:** *For vehicles equipped with a rear footwell duct, the climate control housing must be carefully detached from the dash panel and then tilted toward the rear of the vehicle to detach it from the rear footwell duct connection.*

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 filling and bleeding without a vacuum cooling system filler. Refer to: Cooling System Draining, Vacuum Filling and Bleeding (303-03 Engine Cooling - 3.5L EcoBoost (272kW/370PS)) .