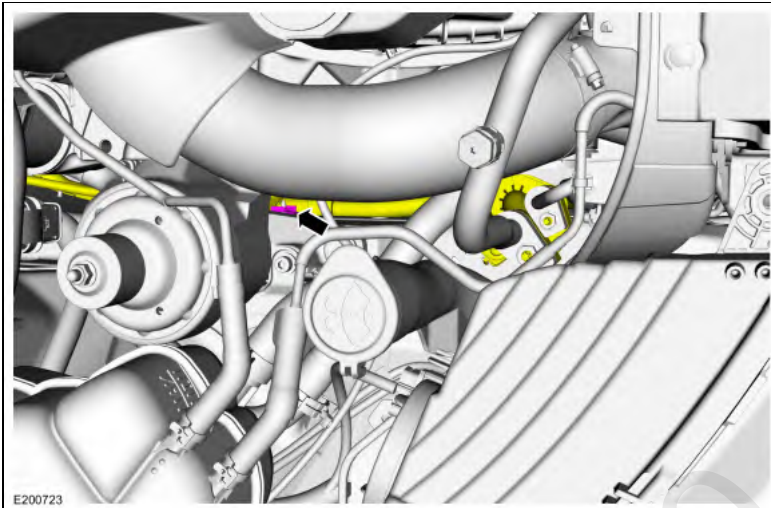


Thermostatic Expansion Valve - 2.7L EcoBoost (238kW/324PS)

Removal

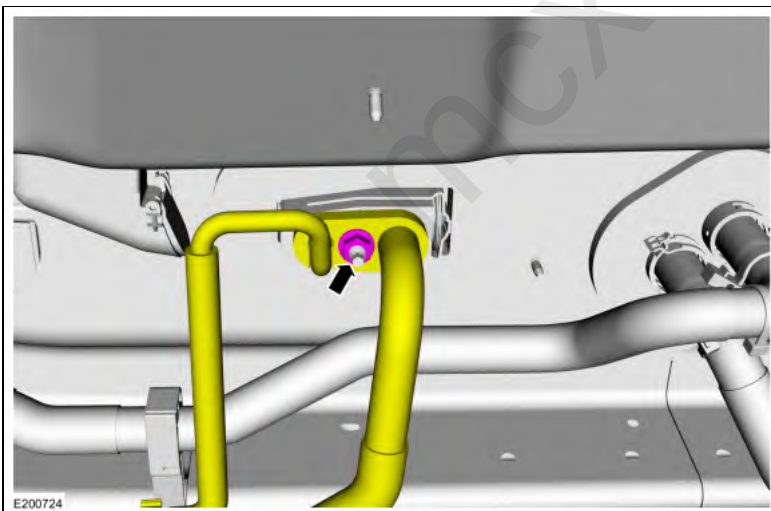
NOTE: Removal steps in this procedure may contain installation details.

1. Recover the refrigerant.
Refer to: Air Conditioning (A/C) System Recovery, Evacuation and Charging (412-00 Climate Control System - General Information) .
2. Remove the air cleaner outlet pipe RH.
Refer to: Air Cleaner Outlet Pipe RH (303-12B Intake Air Distribution and Filtering - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
3. Remove the evaporator inlet and outlet manifold bracket nut.
Torque: 18 lb.in (2 Nm)

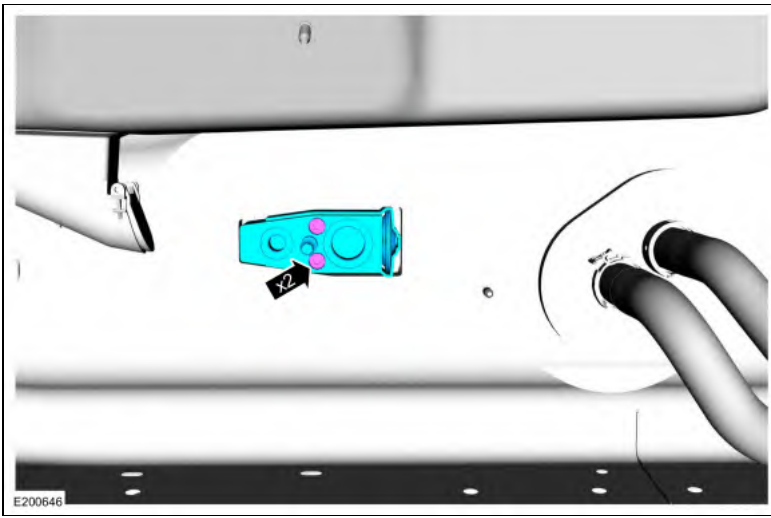


4. **NOTICE: Make sure that all openings are sealed.**

Remove the evaporator inlet and outlet manifold nut, disconnect the fitting.
Torque: 159 lb.in (18 Nm)



5. Remove the bolts and the thermostatic expansion valve.
Torque: 71 lb.in (8 Nm)



Installation

1. To install, reverse the removal procedure.
2. **NOTICE: Only use the specified material to lubricate the seals.**
Install new O-ring seals. Refer to the appropriate Specification 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.