

Transmission Fluid Cooler - 2.7L EcoBoost (238kW/324PS)/3.5L EcoBoost (272kW/370PS)/5.0L 32V Ti-VCT

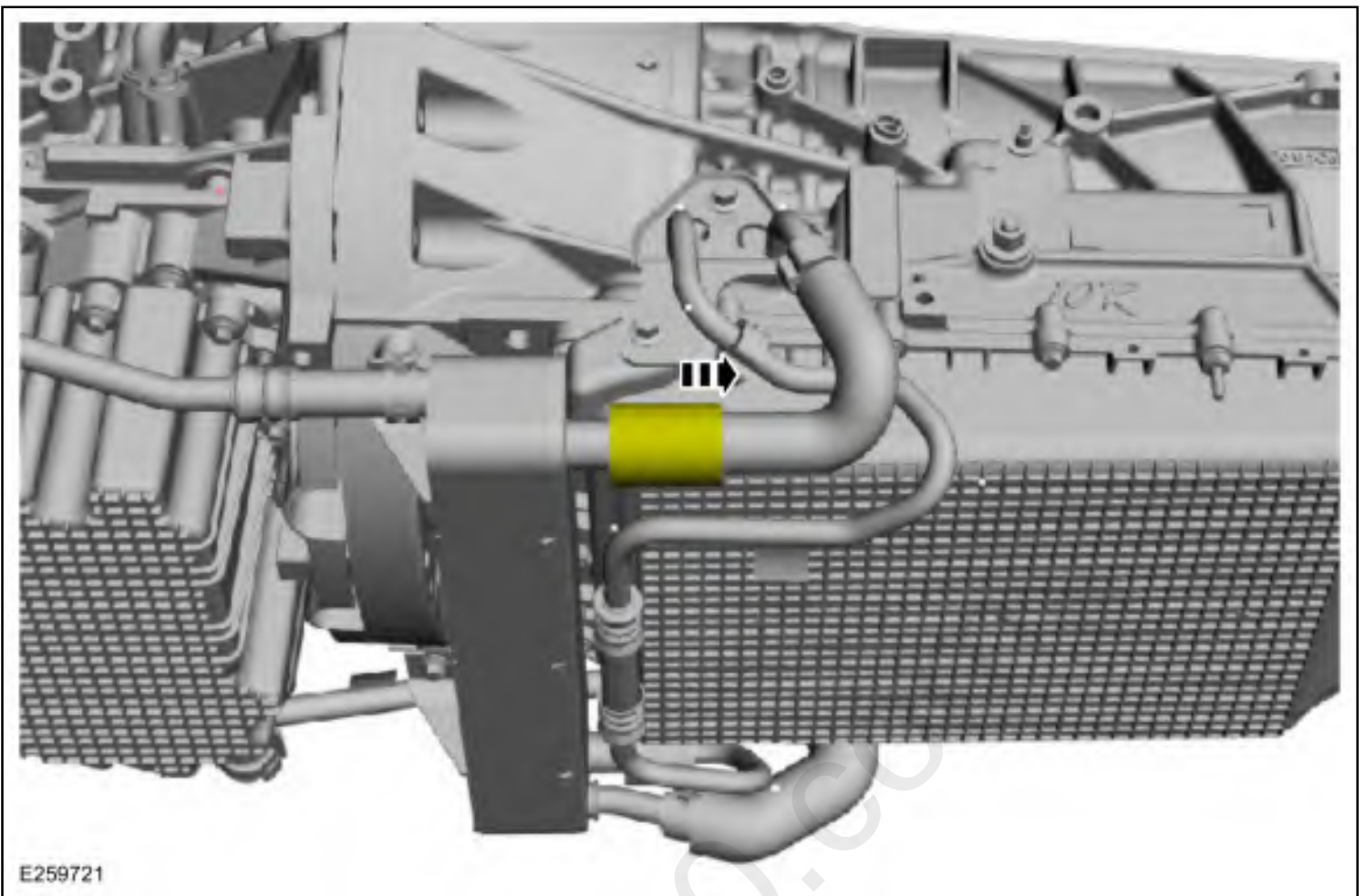
Base Part Number: Base Part Number: 7A095

Special Tool(s) / General Equipment

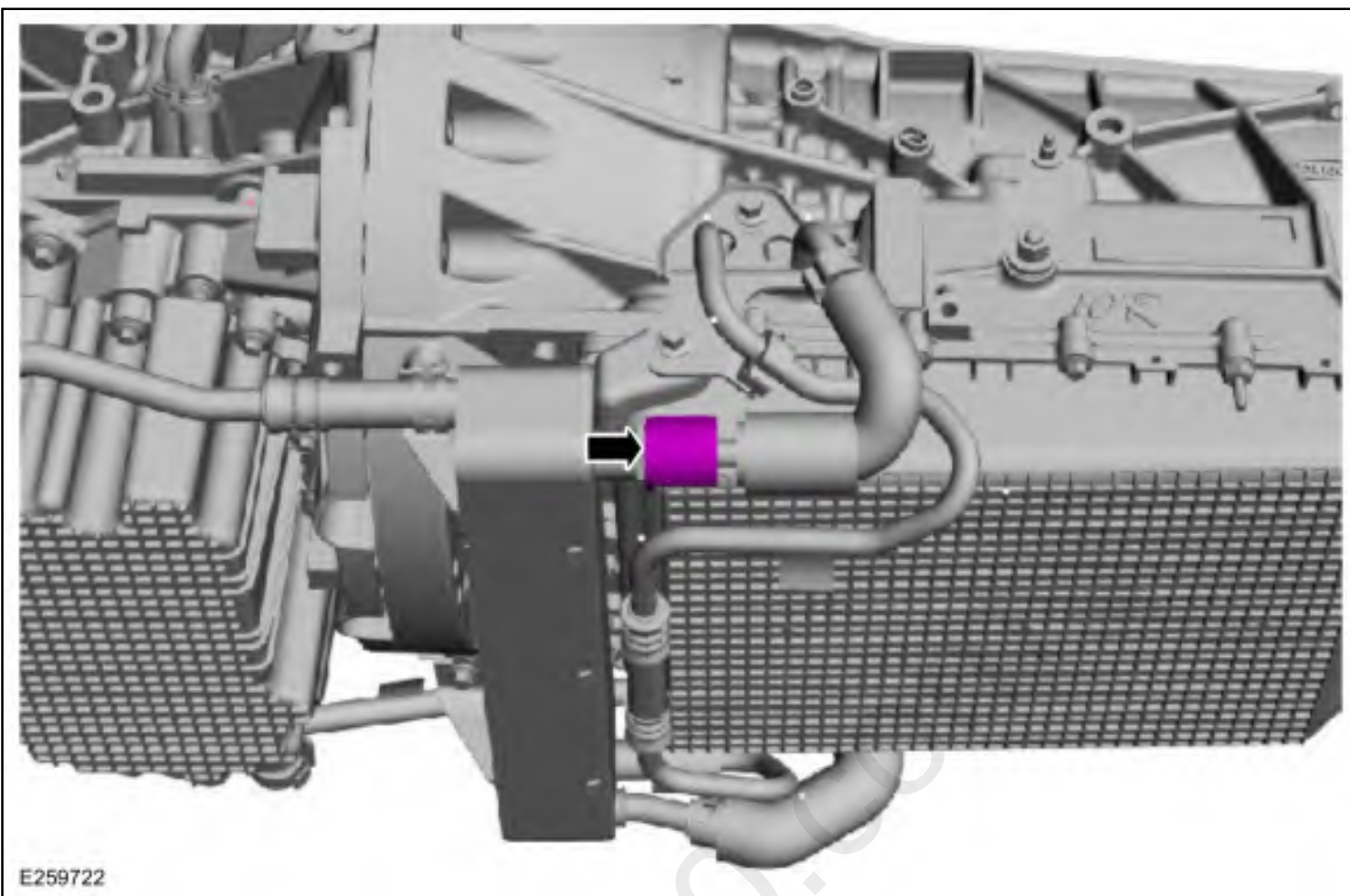
 E158906	307-569 Disconnect Tool TOC Line (1/2) TKIT-2006U-F/FM TKIT-2006U-FLM/LM TKIT-2006U-ROW1 TKIT-2006U-ROW2
Hose Clamp(s)	

Removal

1. With the vehicle in N, position it on a hoist.
Refer to: [Jacking and Lifting - Overview](#) (100-02 Jacking and Lifting, Description and Operation).
2. Position the transmission fluid cooler inlet tube heat shield aside.



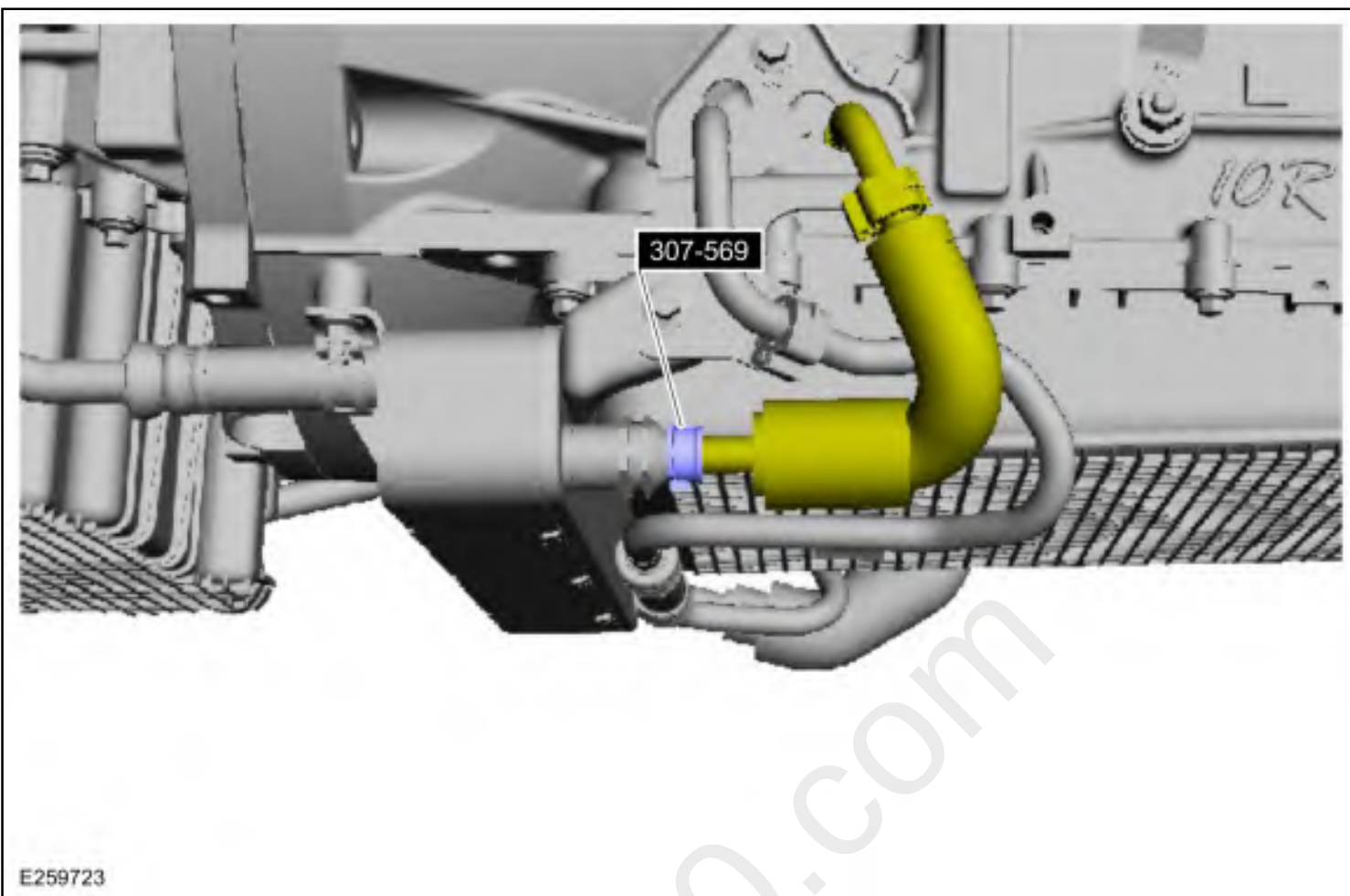
3. Remove the transmission fluid cooler inlet tube secondary latch.



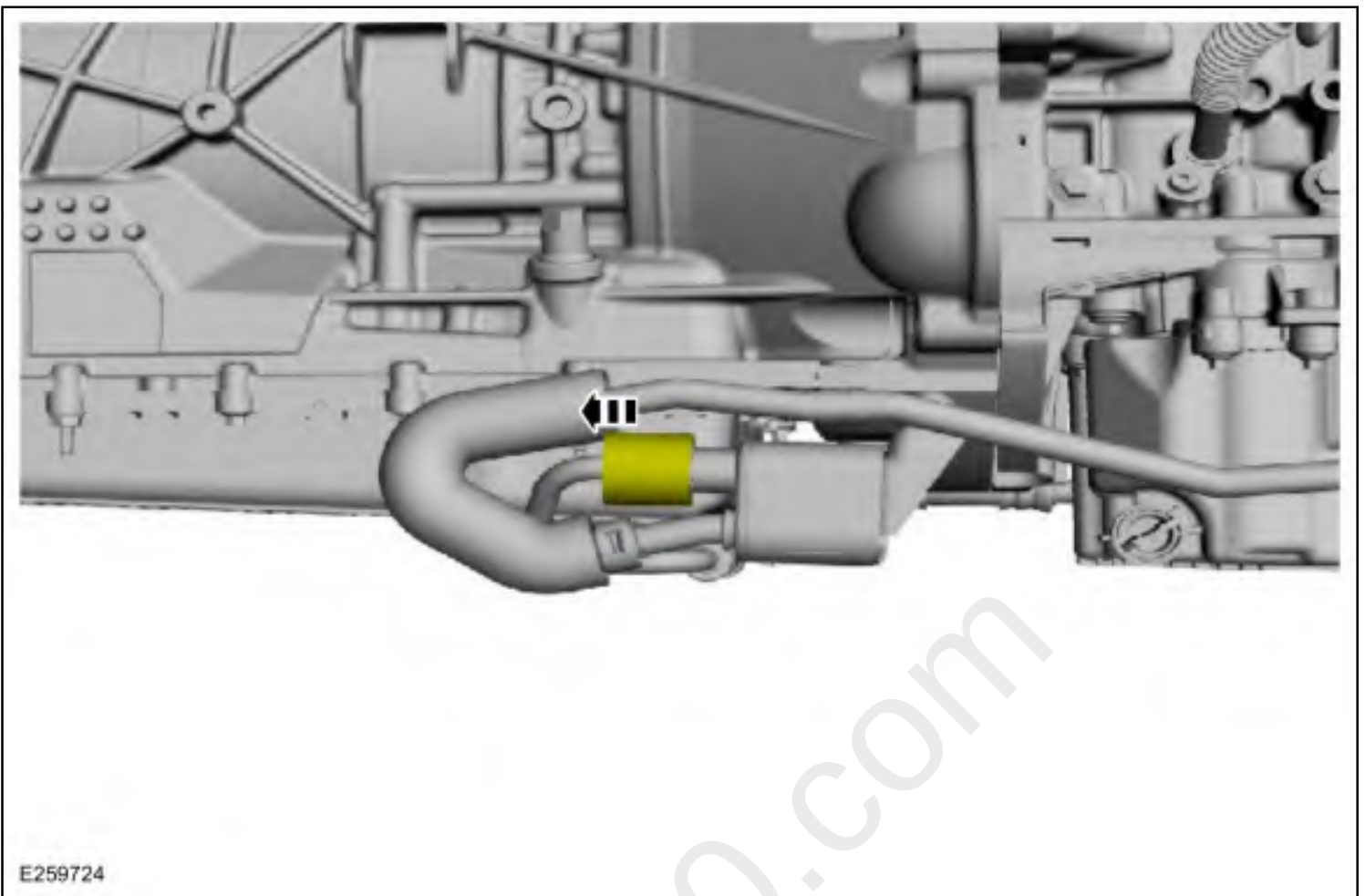
4. **NOTE:** *Be prepared to collect escaping fluid.*

Using the special tool, disconnect the transmission fluid cooler inlet tube from the transmission fluid cooler.

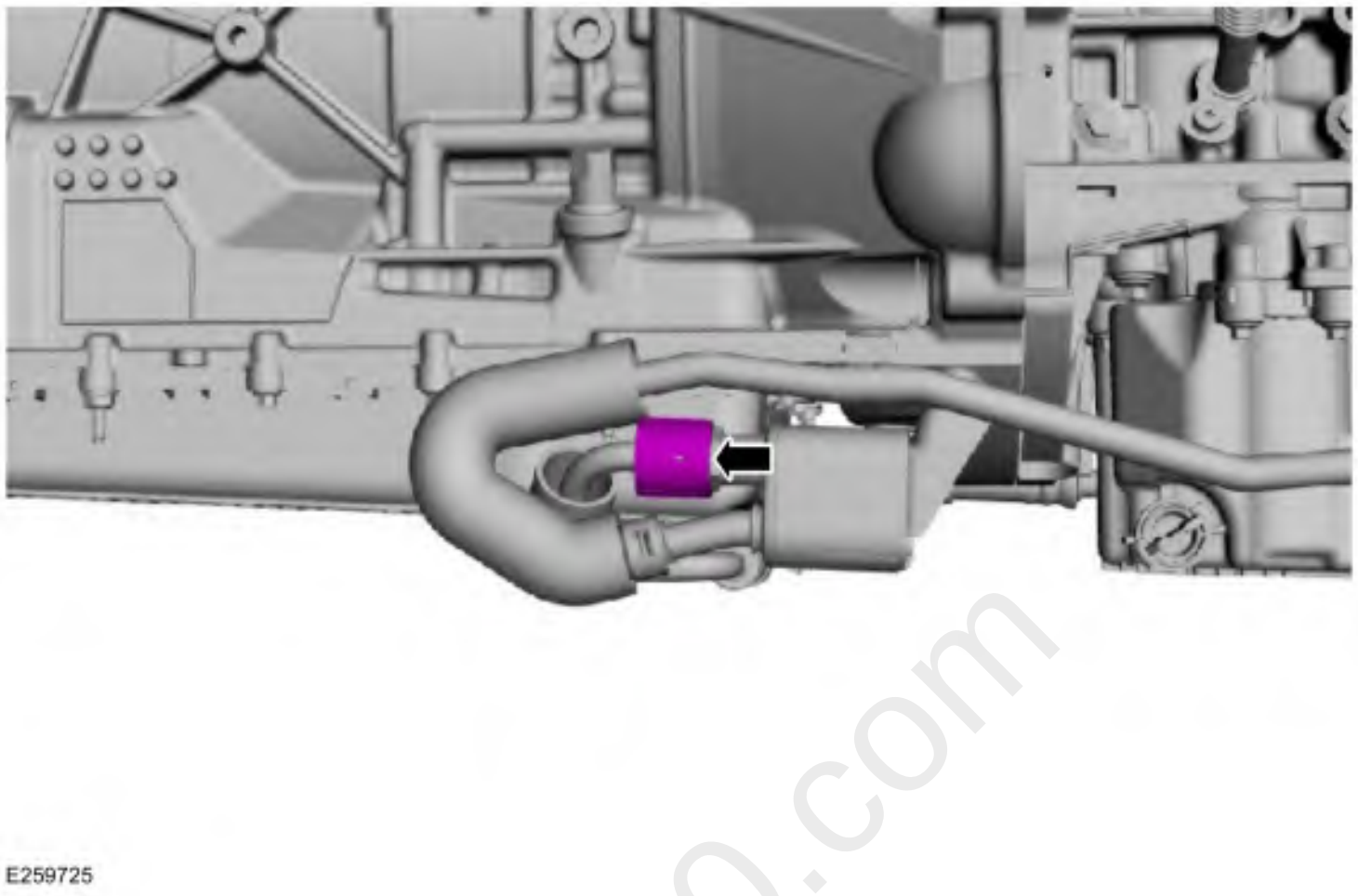
Use Special Service Tool: 307-569 Disconnect Tool TOC Line (1/2).



5. Position the transmission fluid cooler outlet tube heat shield aside.



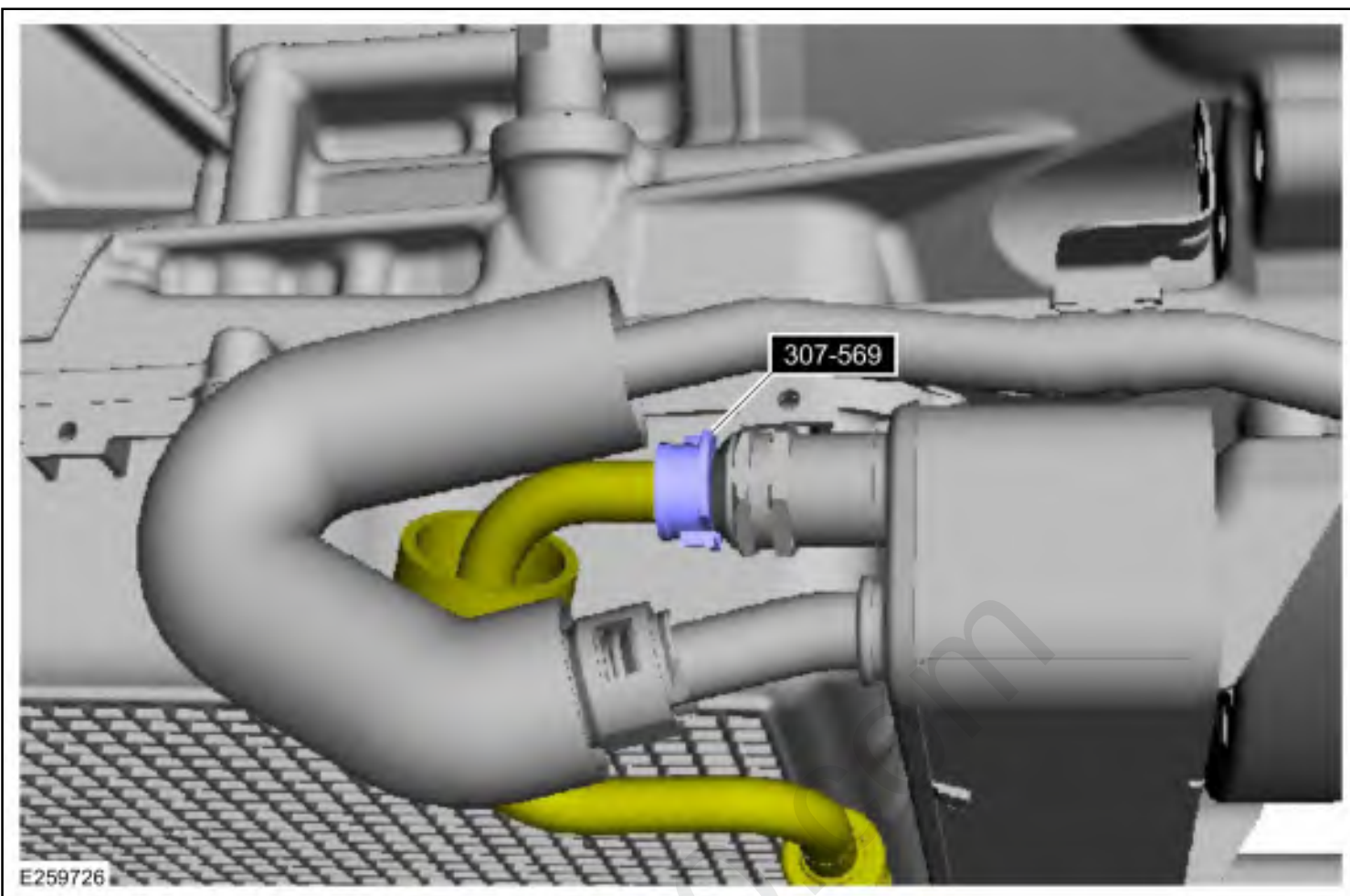
6. Remove the transmission fluid cooler outlet tube secondary latch.



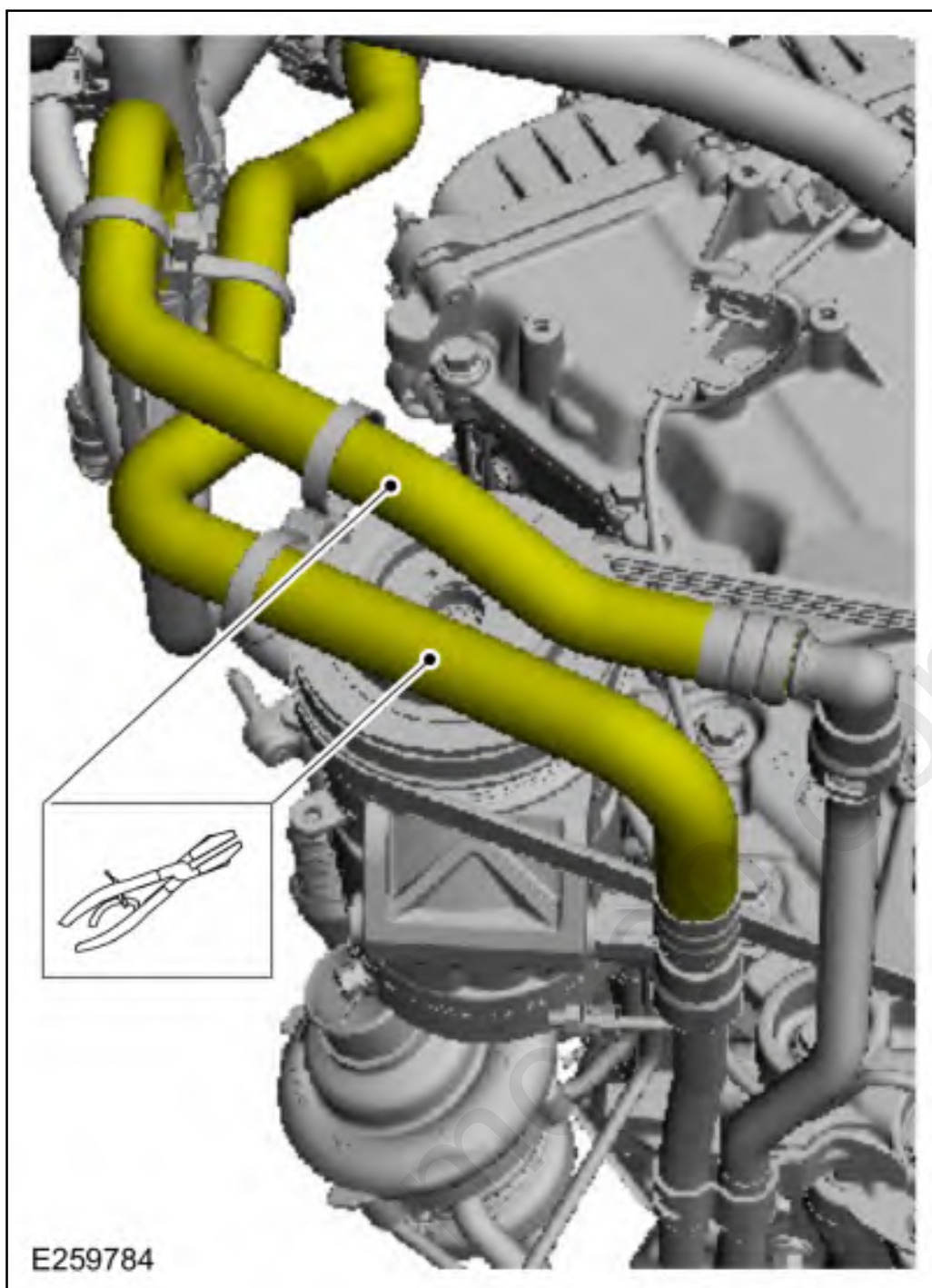
7. **NOTE:** *Be prepared to collect escaping fluid.*

Using the special tool, disconnect the transmission fluid cooler outlet tube from the transmission fluid cooler.

Use Special Service Tool: 307-569 Disconnect Tool TOC Line (1/2).

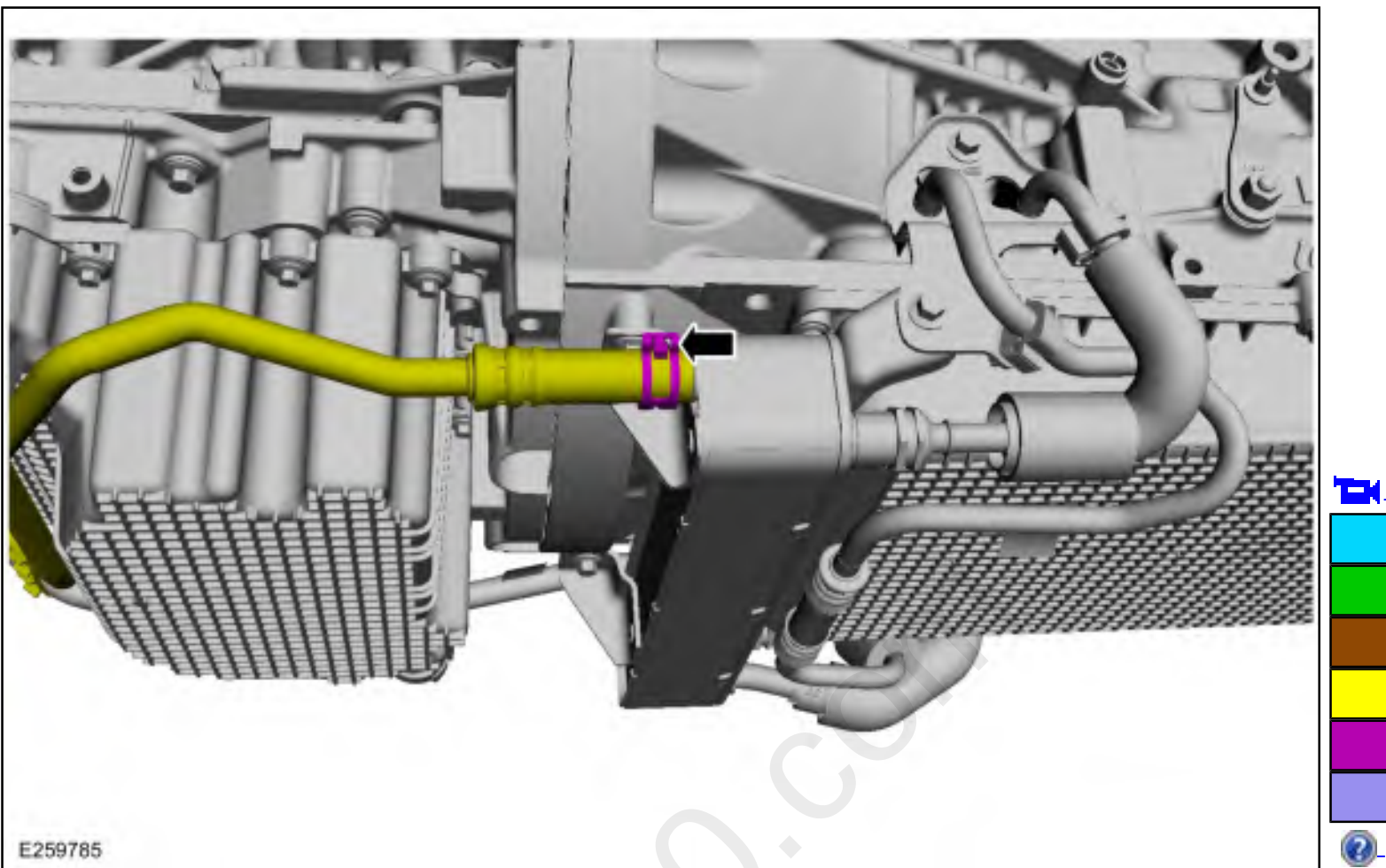


8. Clamp the transmission fluid cooler coolant hoses.
Use the General Equipment: Hose Clamp(s)



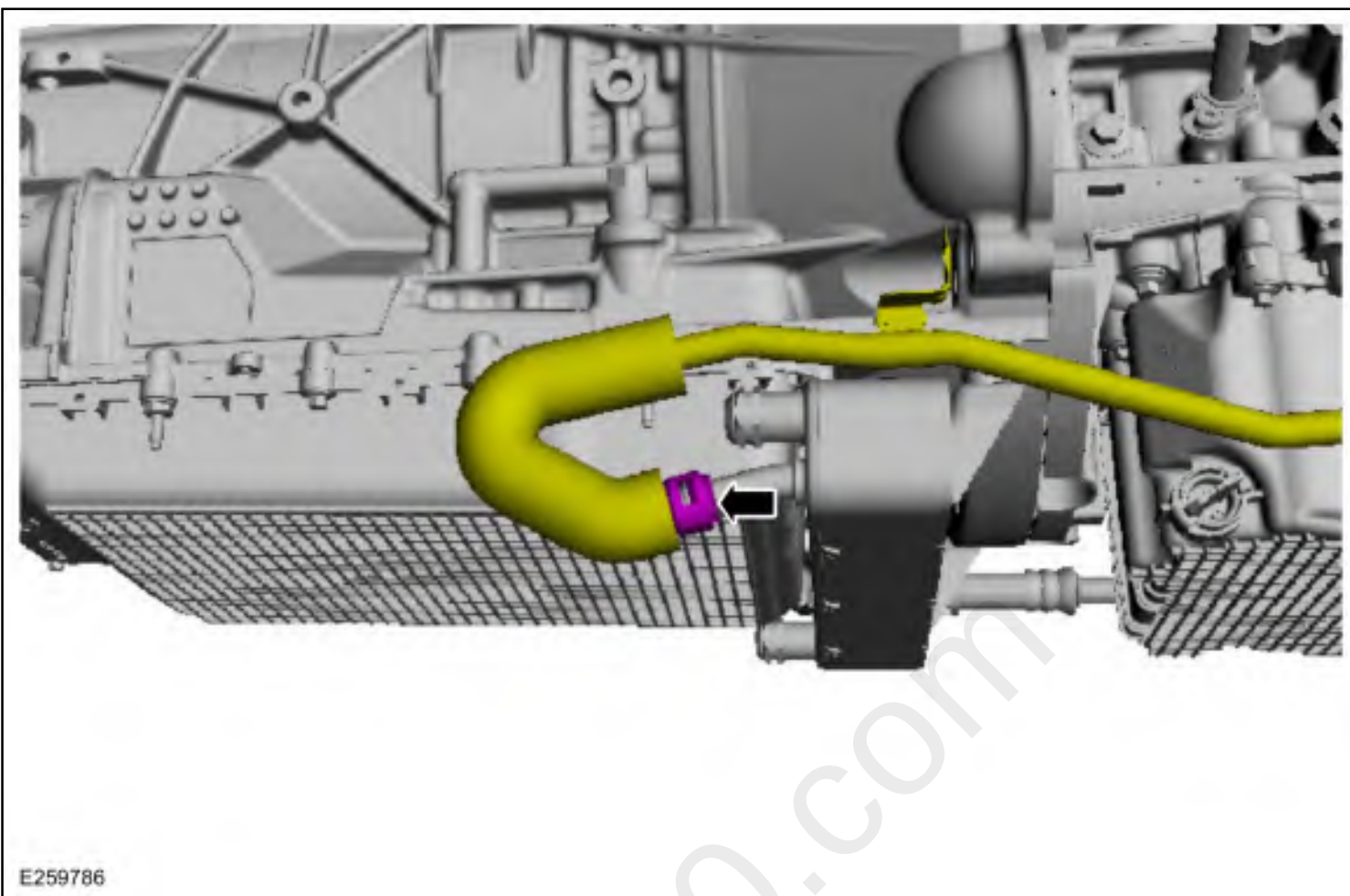
9. **NOTE:** *Be prepared to collect escaping fluid.*

Release the clamp and disconnect the coolant hose from the transmission fluid cooler.

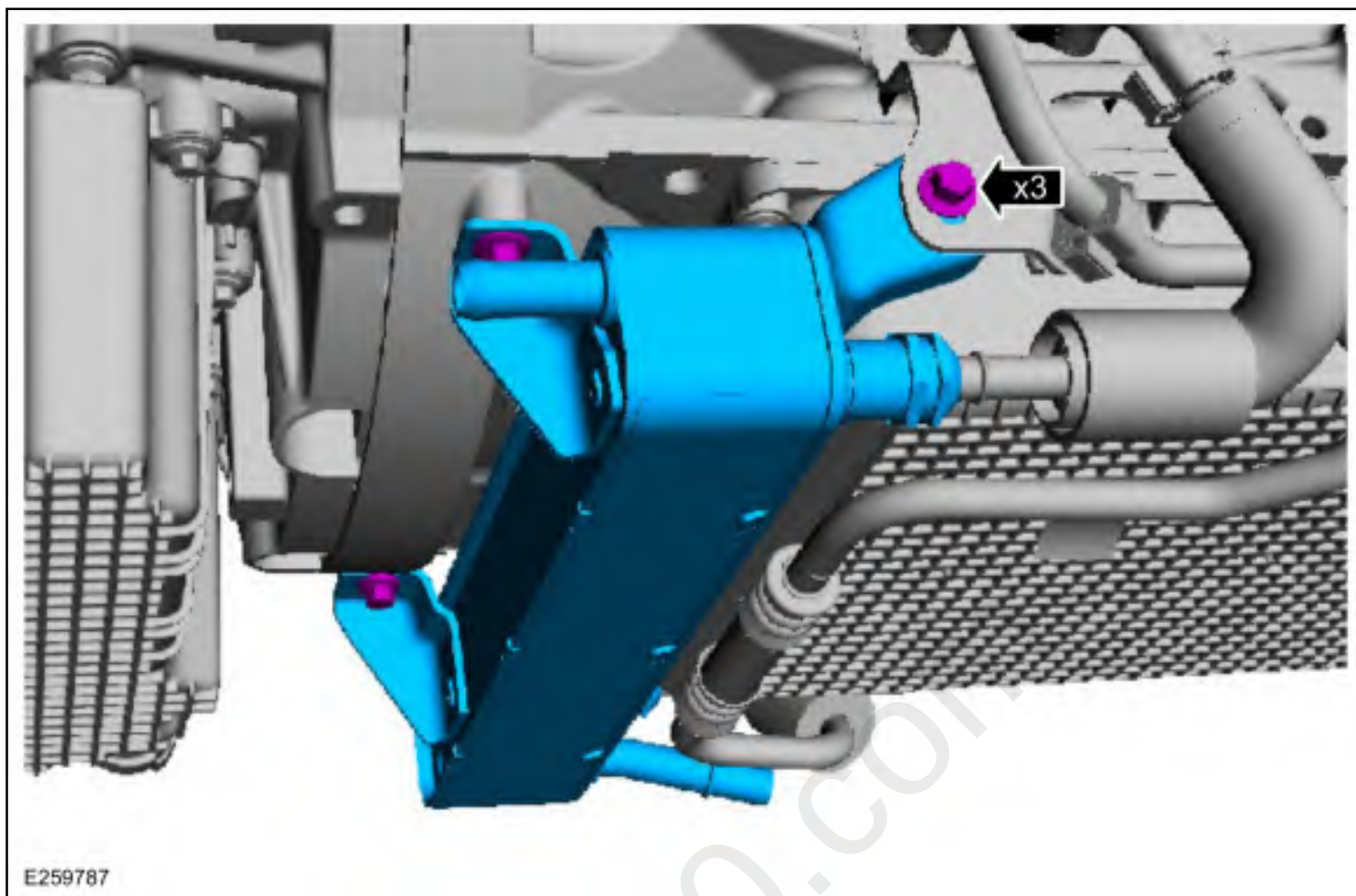


10. **NOTE:** *Be prepared to collect escaping fluid.*

Release the quick connect coupling and disconnect the coolant hose from the transmission fluid cooler.

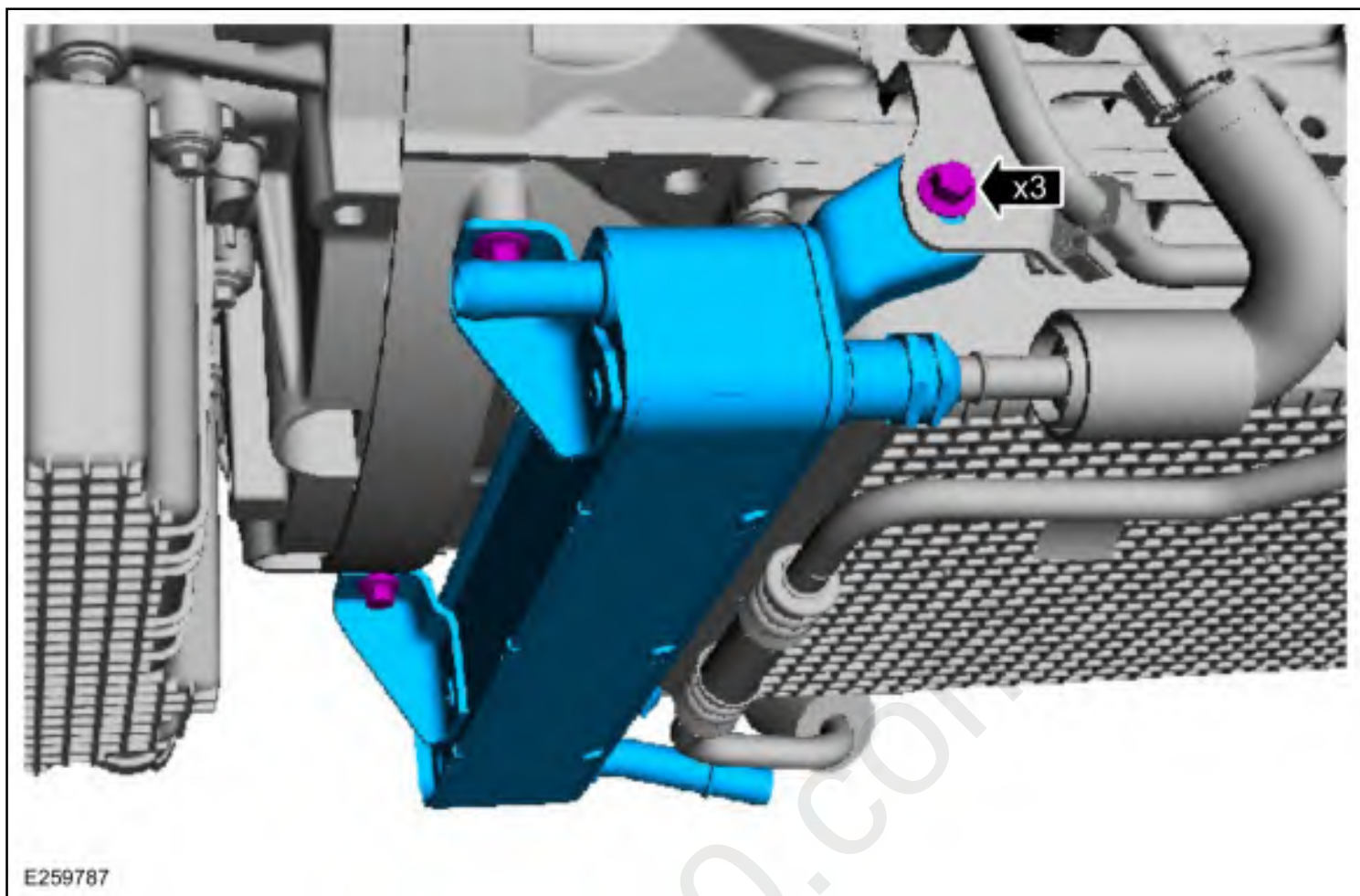


11. Remove the bolts and the transmission fluid cooler.

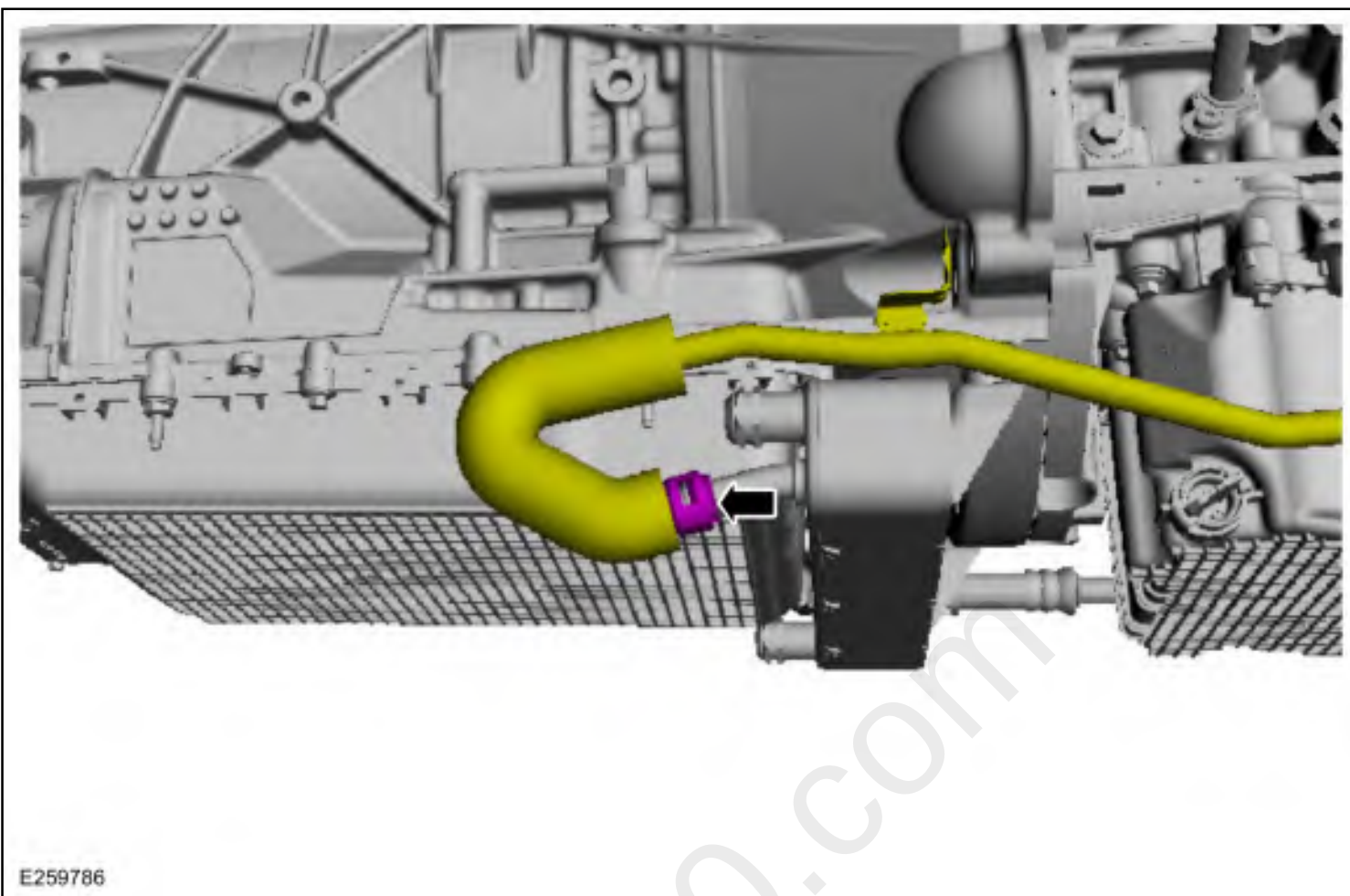


Installation

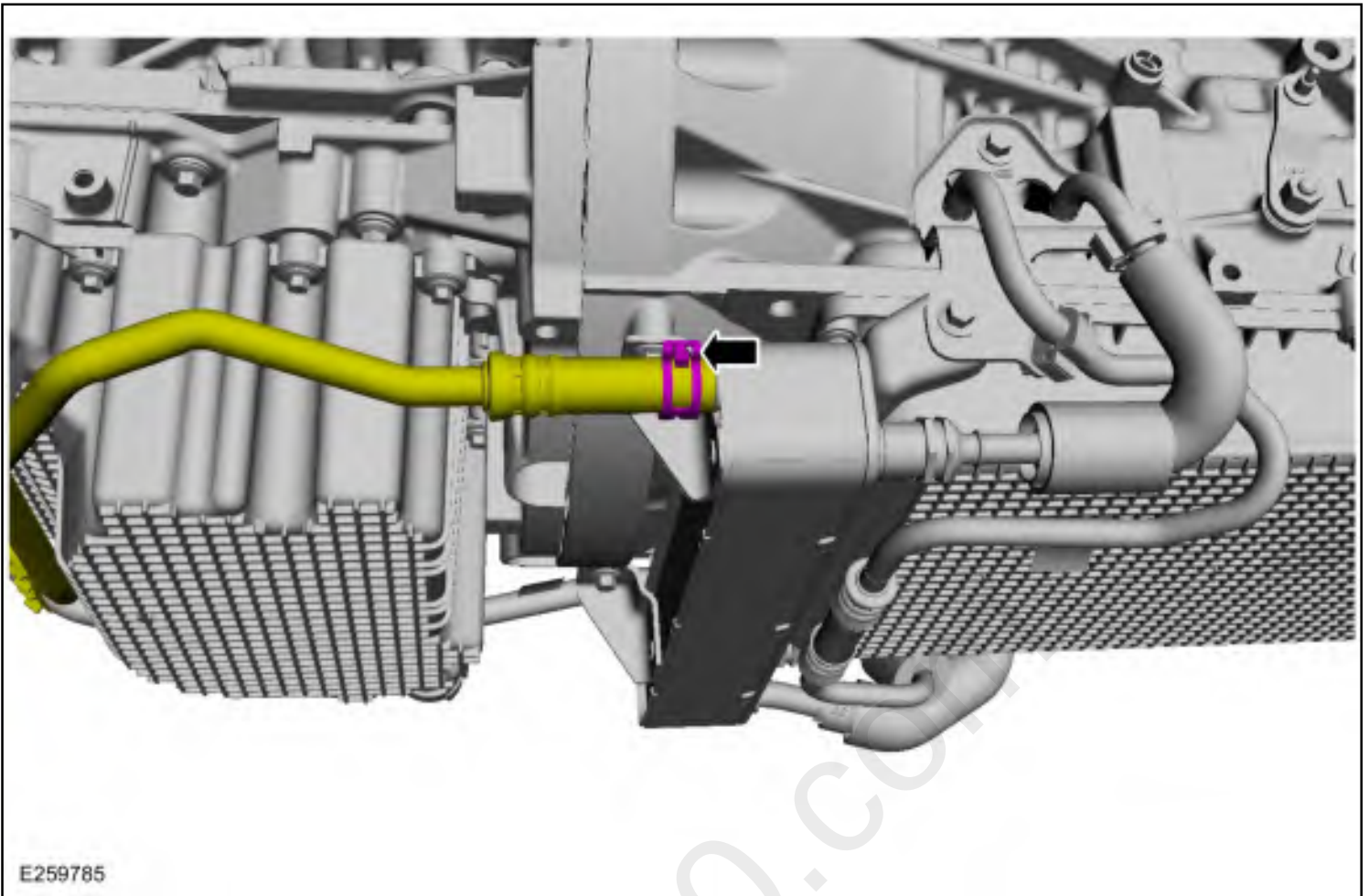
1. Install the transmission fluid cooler and the bolts.
Torque: 22 lb.ft (30 Nm)



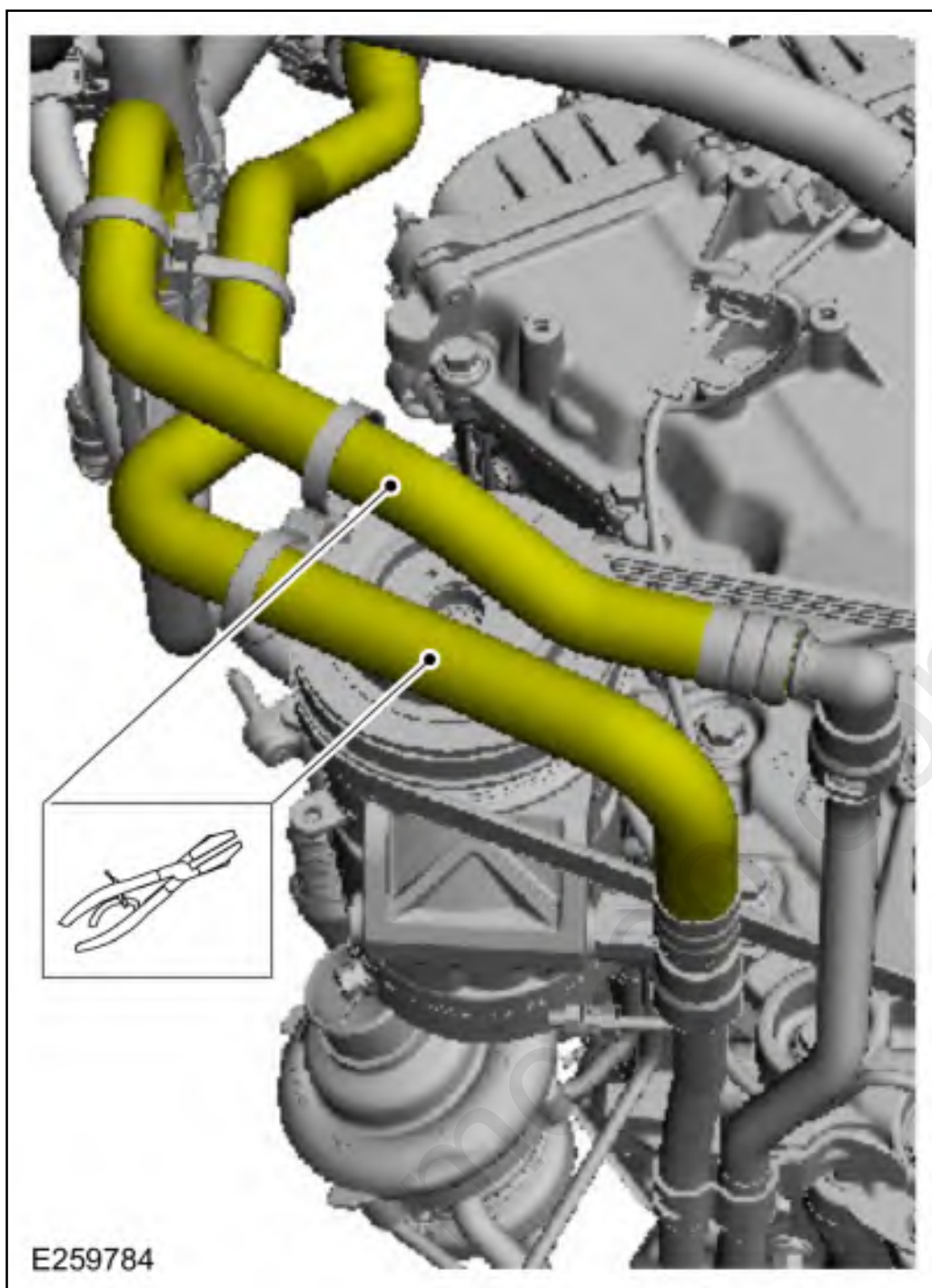
2. Connect the coolant hose to the transmission fluid cooler.



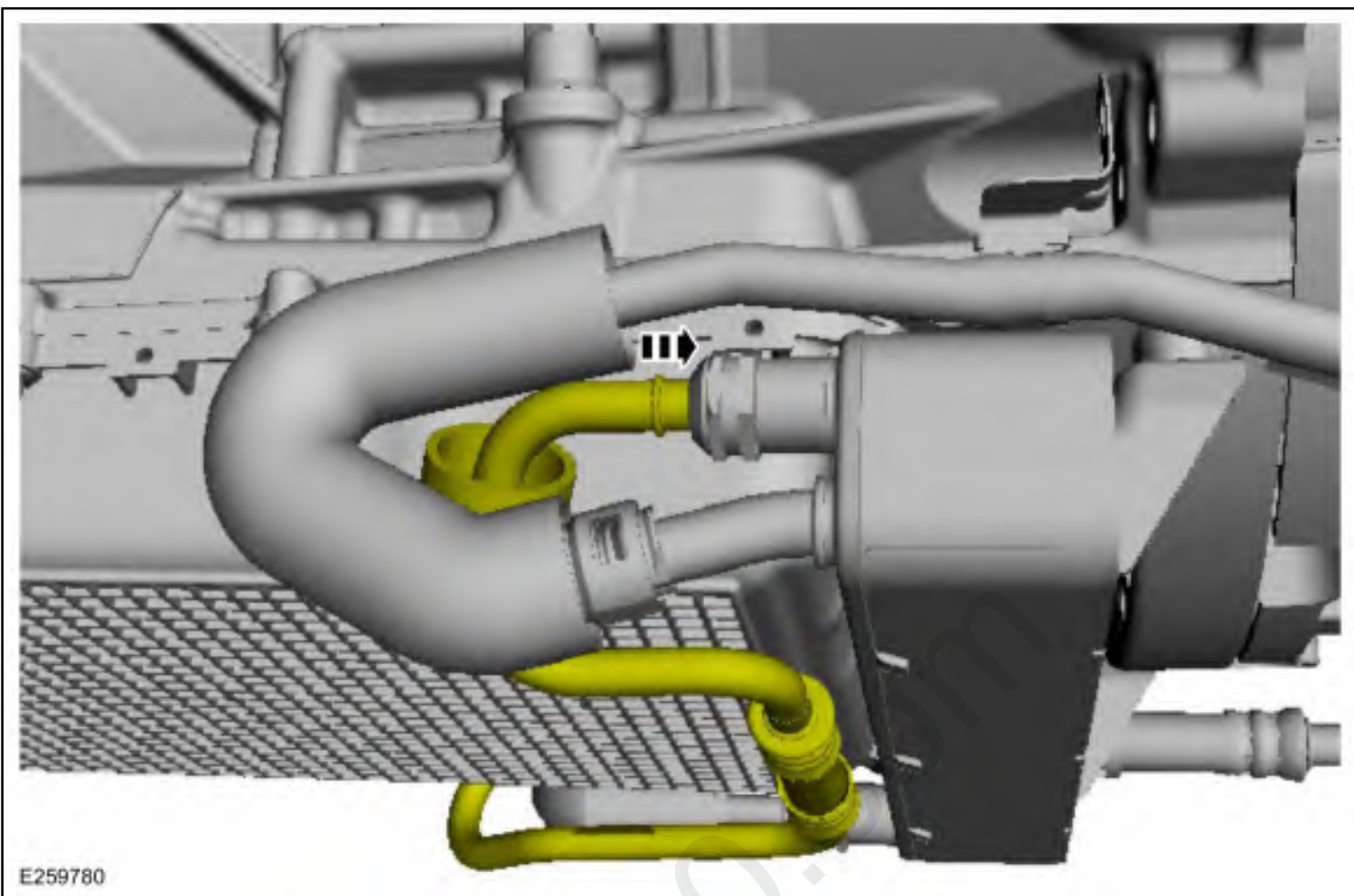
3. Connect the coolant hose to the transmission fluid cooler and position the clamp.



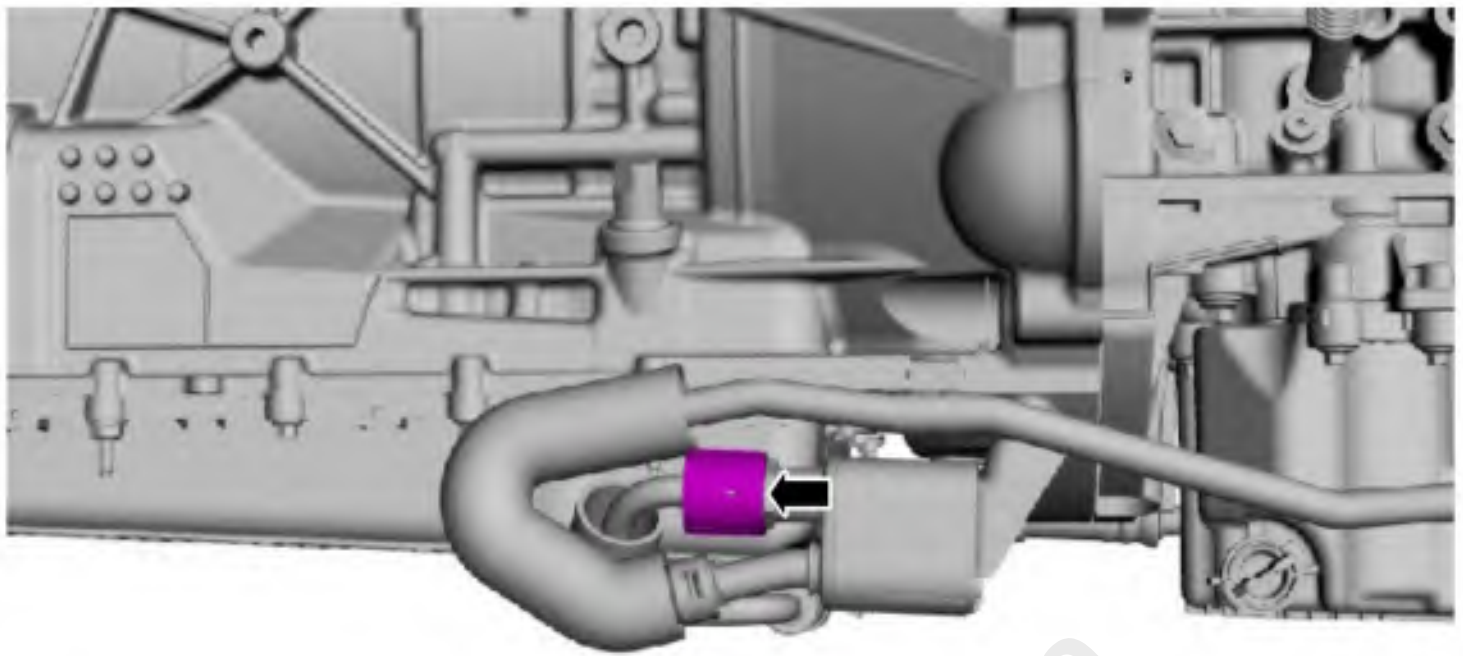
4. Remove the clamps from the transmission fluid cooler coolant hoses.



5. Connect the transmission fluid cooler outlet tube to the transmission fluid cooler.



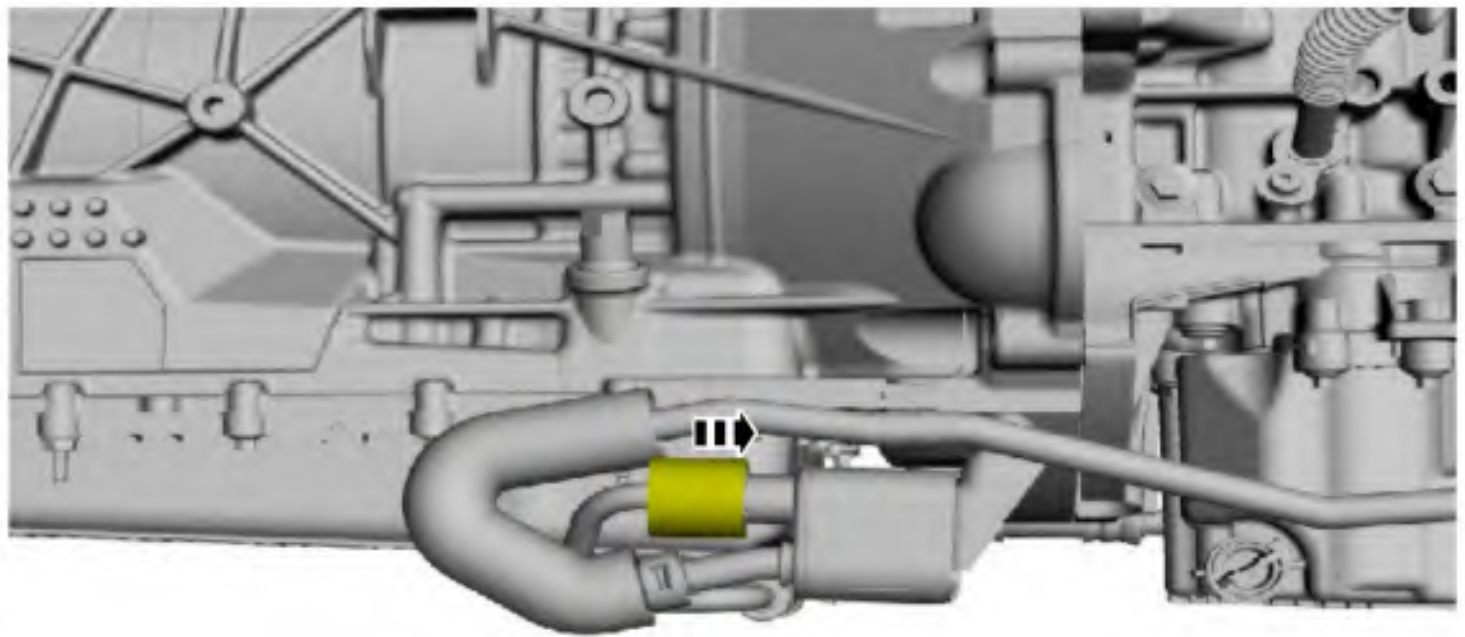
6. Install the transmission fluid cooler outlet tube secondary latch.



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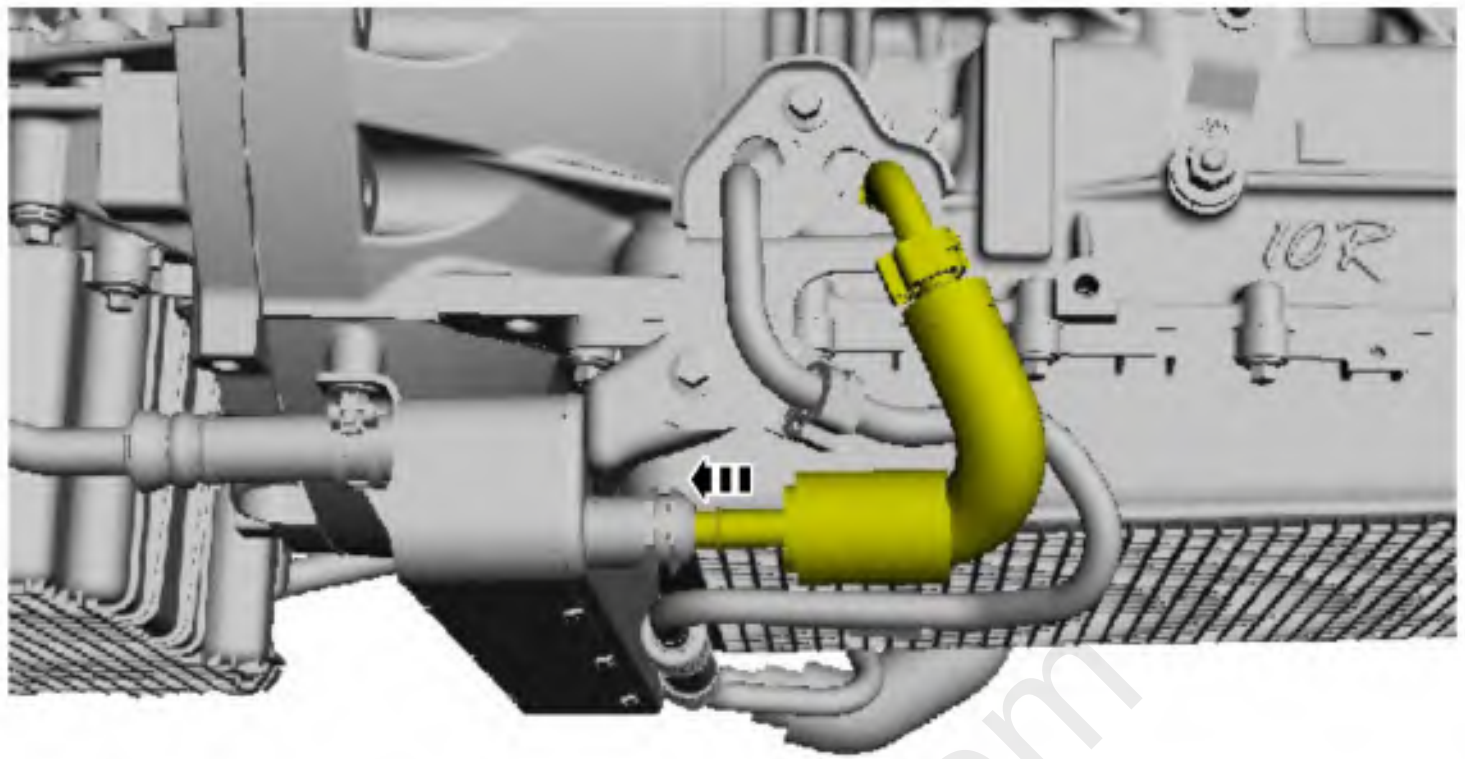
7. Position the transmission fluid cooler outlet tube heat shield.



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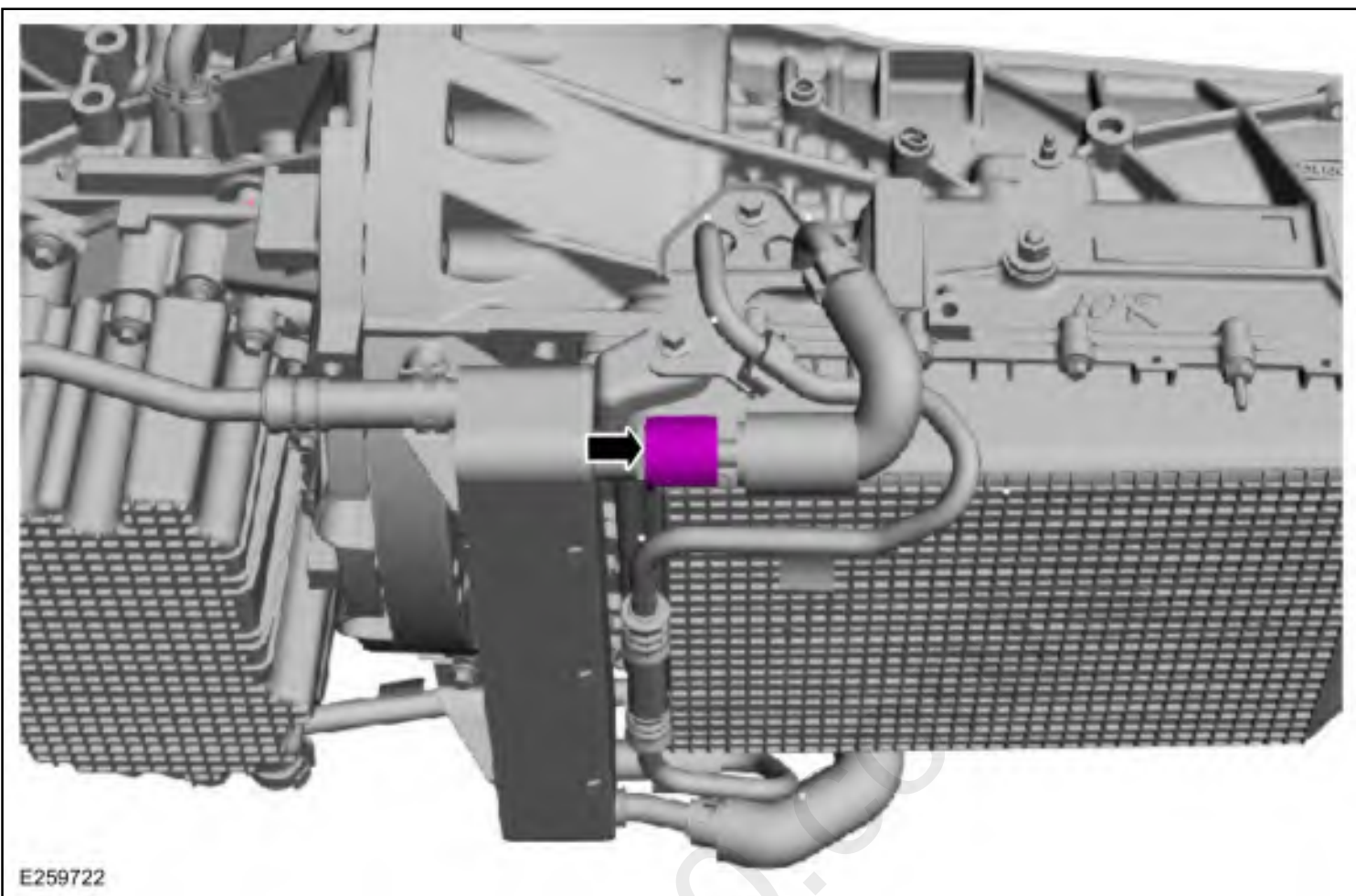
8. Connect the transmission fluid cooler inlet tube to the transmission fluid cooler.



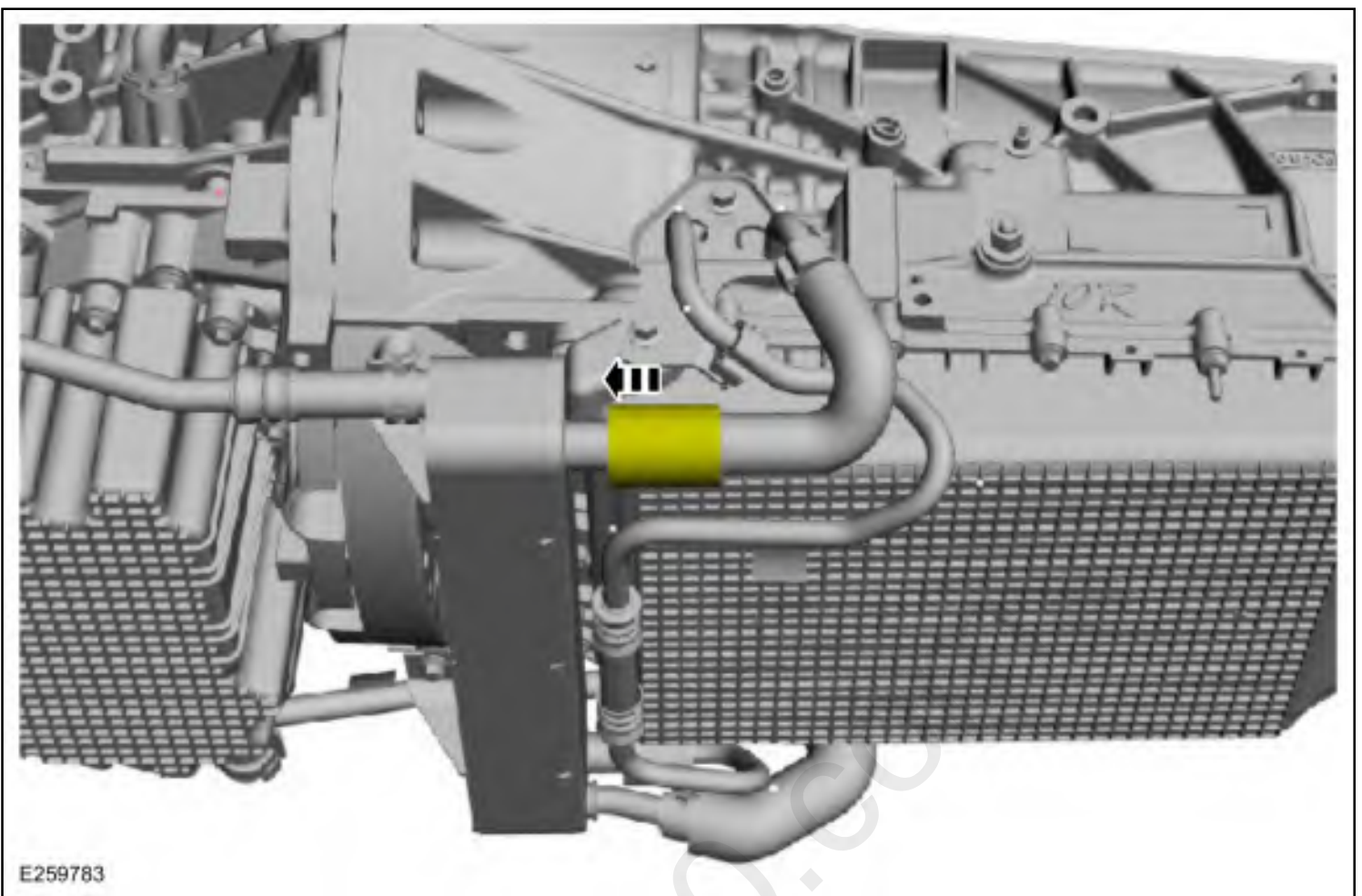
E259782



9. Install the transmission fluid cooler inlet tube secondary latch.



10. Position the transmission fluid cooler inlet tube heat shield.



11. Check the transmission fluid level and adjust as necessary.
Refer to: [Transmission Fluid Level Check](#) (307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80, General Procedures).
12. Check the engine coolant level and adjust as necessary.
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03A Engine Cooling - 2.7L EcoBoost (238kW/324PS), General Procedures).
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03C Engine Cooling - 3.5L EcoBoost (272kW/370PS), General Procedures).
Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03D Engine Cooling - 5.0L 32V Ti-VCT, General Procedures).
13. Authoring Template