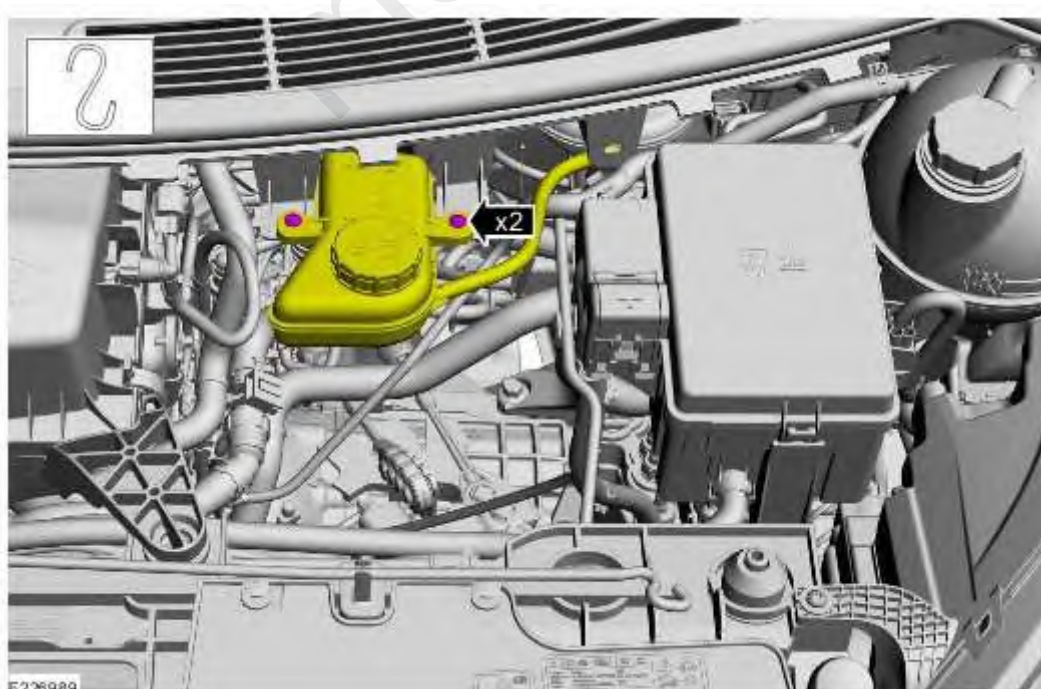


Removal

Special Tool(s) / General Equipment

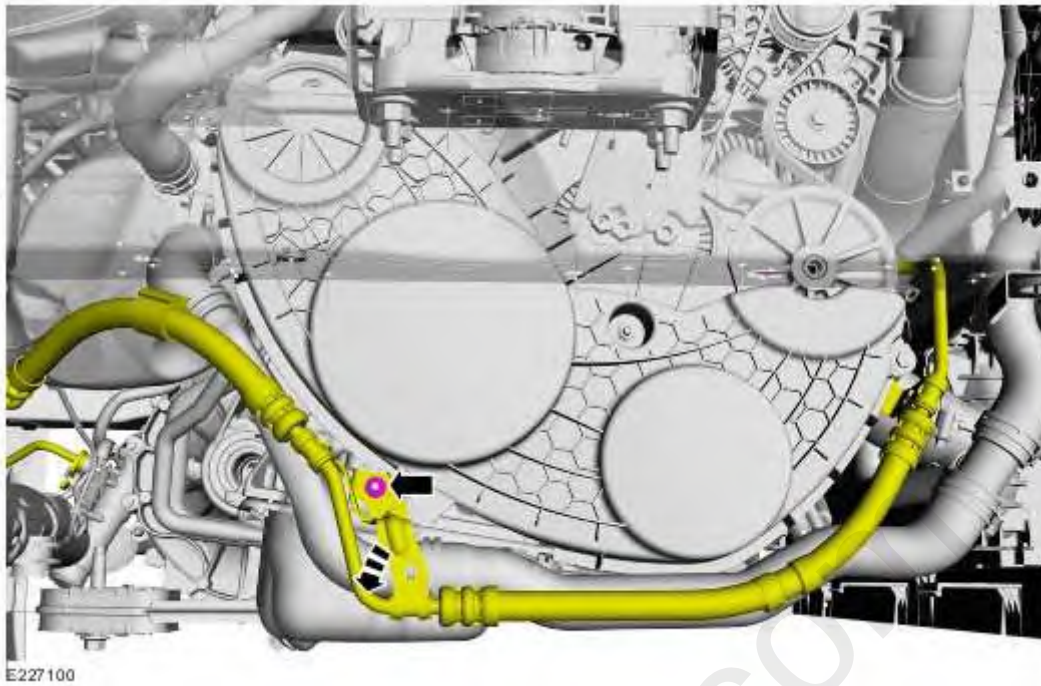
 E6278	303-1196 Holding Wrench, Pulley
 E158906	307-569 Disconnect Tool TOC Line (1/2)
3.5 mm Drill Bit	
Center Punch	
Floor Crane	
Hose Clamp Remover/Installer	
Lifting Bracket	
Mounting Table Set	
Retaining Strap	
Wooden Block	

1. Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
2. Refer to: [Cooling System Draining, Vacuum Filling and Bleeding](#) (303-03A Engine Cooling, General Procedures).
- 3.

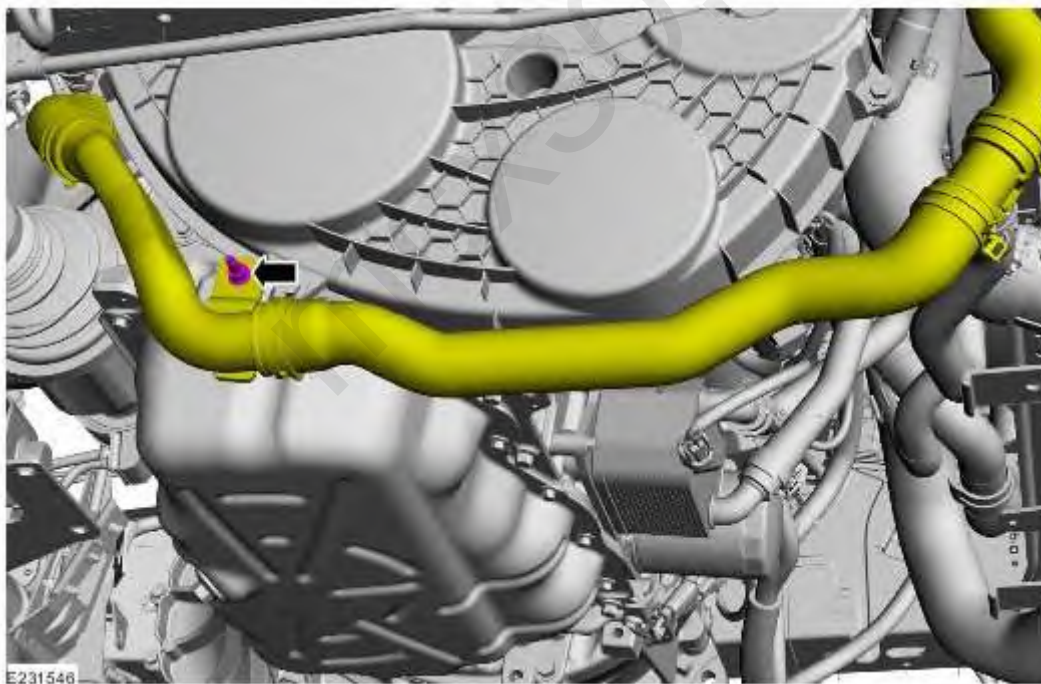


4. Refer to: [Diesel Particulate Filter \(DPF\)](#) (309-00A Exhaust System, Removal and Installation).

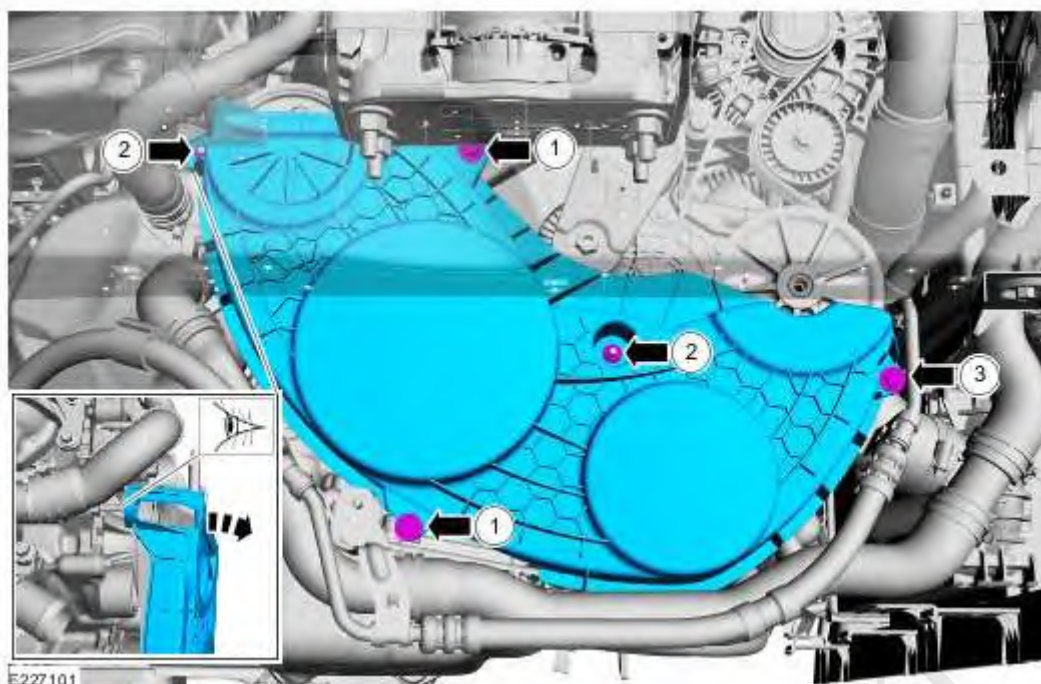
5.



6.



7.

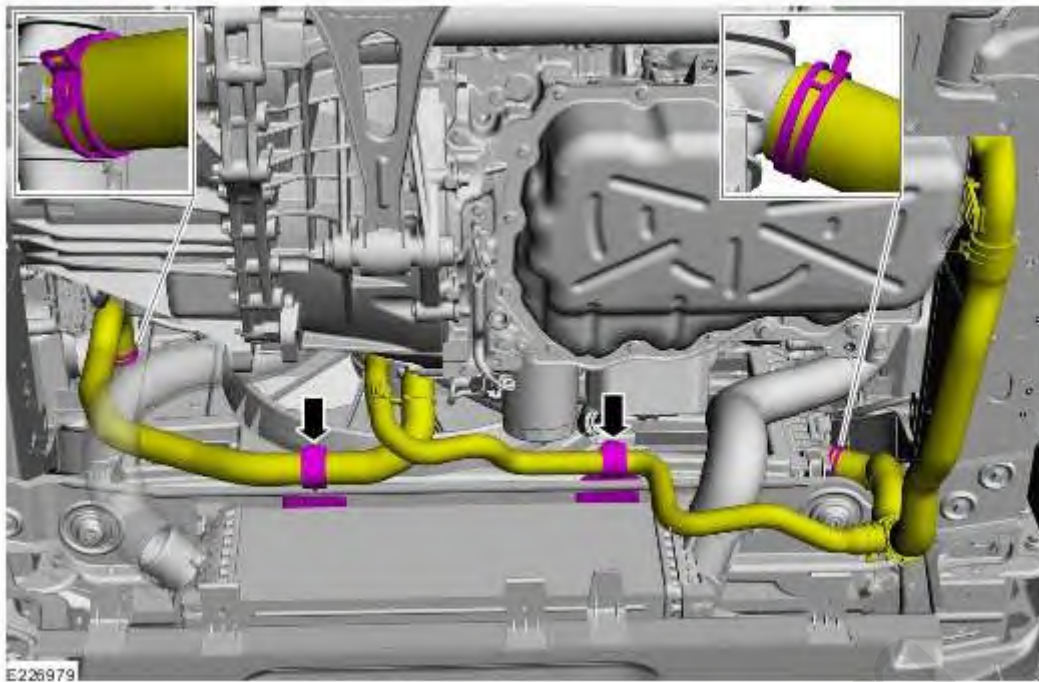


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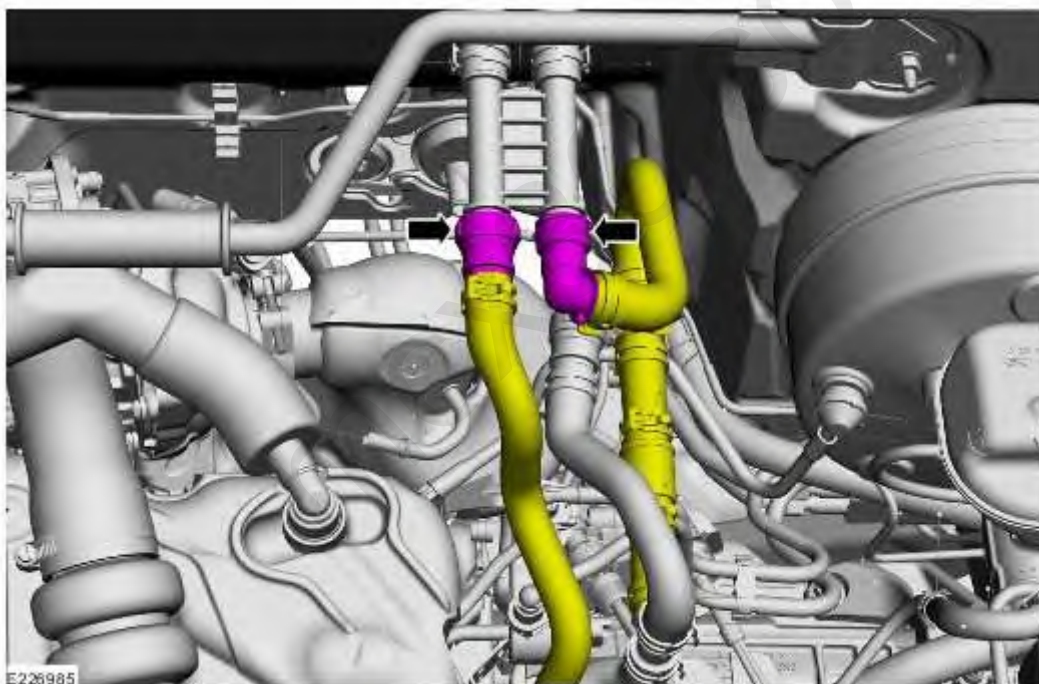


9. **NOTE:** Be prepared to collect escaping fluid.

Use the General Equipment: [Hose Clamp Remover/Installer](#)

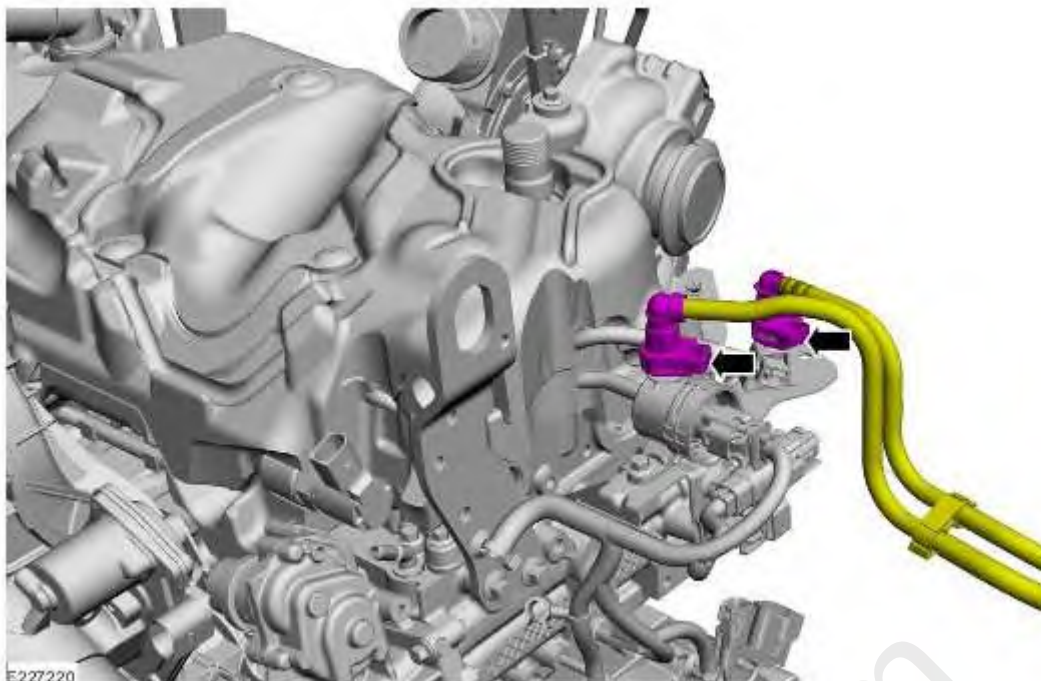


10. **NOTE:** Be prepared to collect escaping fluid.



11.  **NOTICE:** Make sure that all openings are sealed with clean blanking caps.
NOTE: Be prepared to collect escaping fluid.

Refer to: [Quick Release Coupling](#) (310-00A Fuel System - General Information, General Procedures).

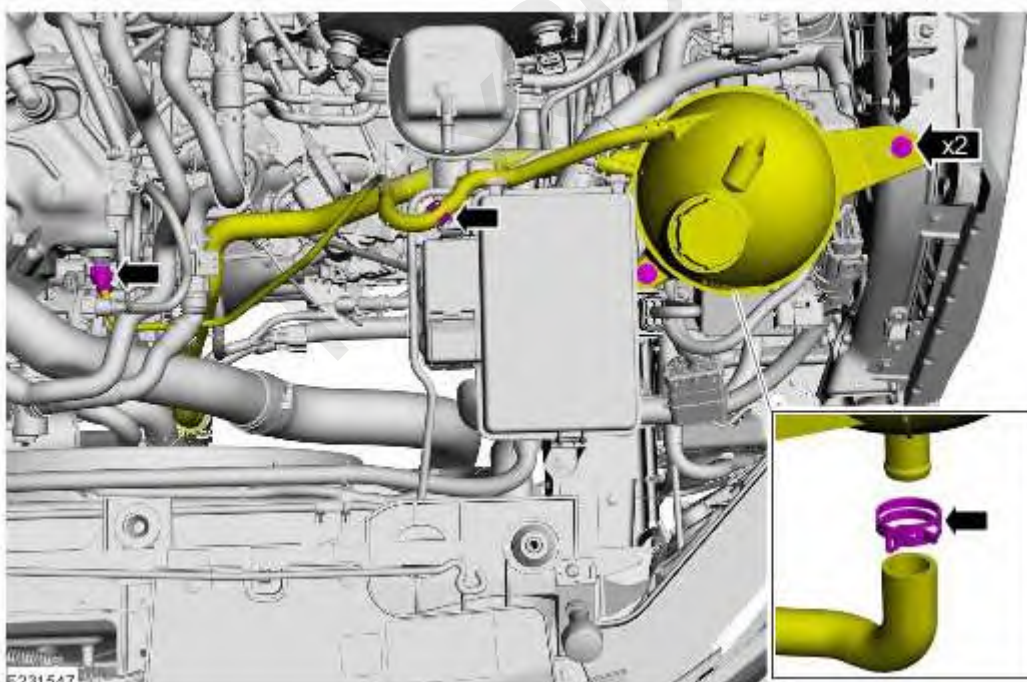


12. On both sides.

Refer to: [Headlamp Assembly](#) (417-01 Exterior Lighting, Removal and Installation).

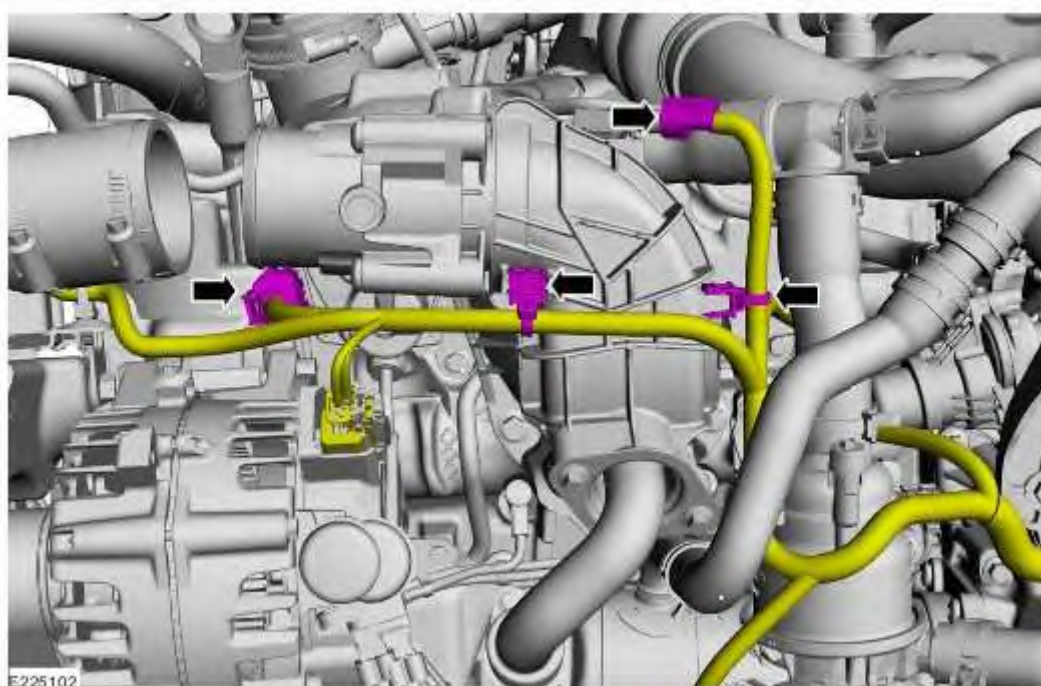
13. **NOTE:** Be prepared to collect escaping fluid.

Use the General Equipment: [Hose Clamp Remover/Installer](#)

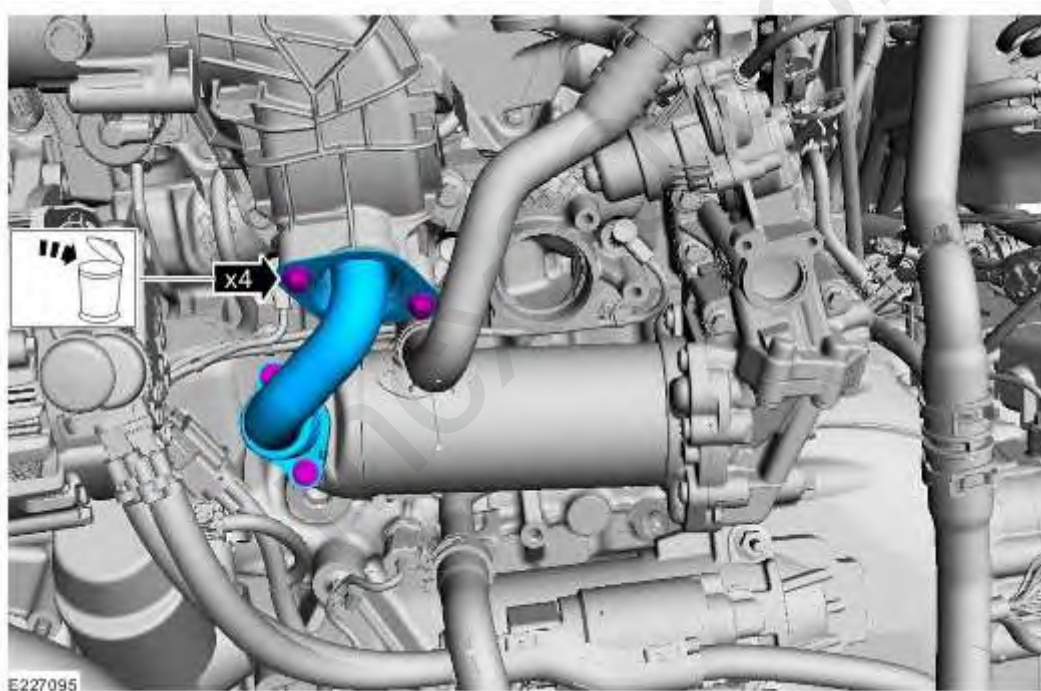


14. Refer to: [Generator - 2.0L EcoBlue \(77kW/105PS\) \(YL\)/2.0L EcoBlue \(96kW/130PS\) \(YM\)/2.0L EcoBlue \(125kW/170PS\) \(YN\)](#) (414-02 Generator and Regulator, Removal and Installation).

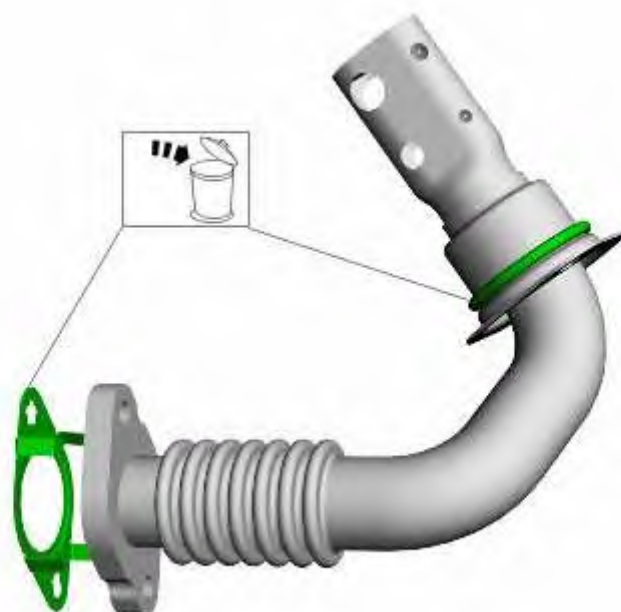
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16.

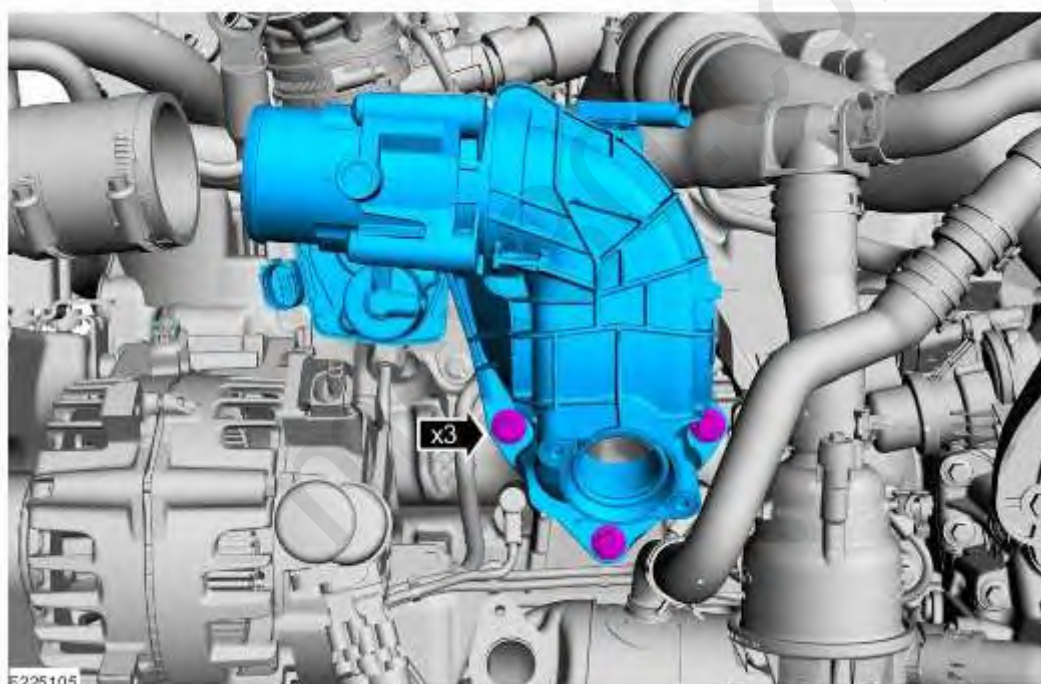


17.



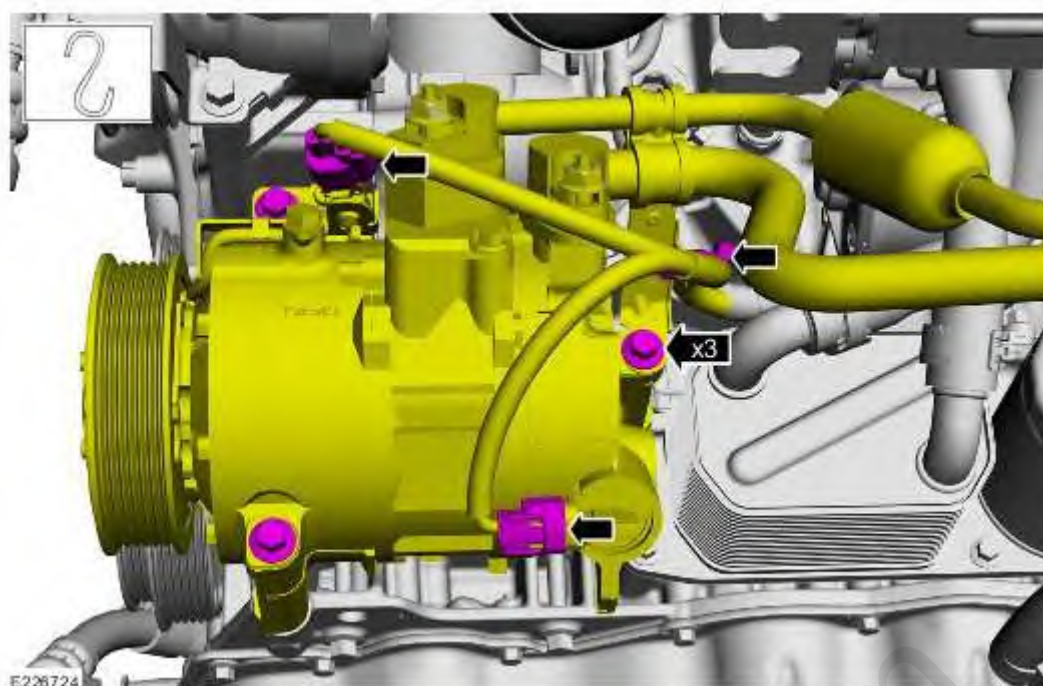
E249540

18.

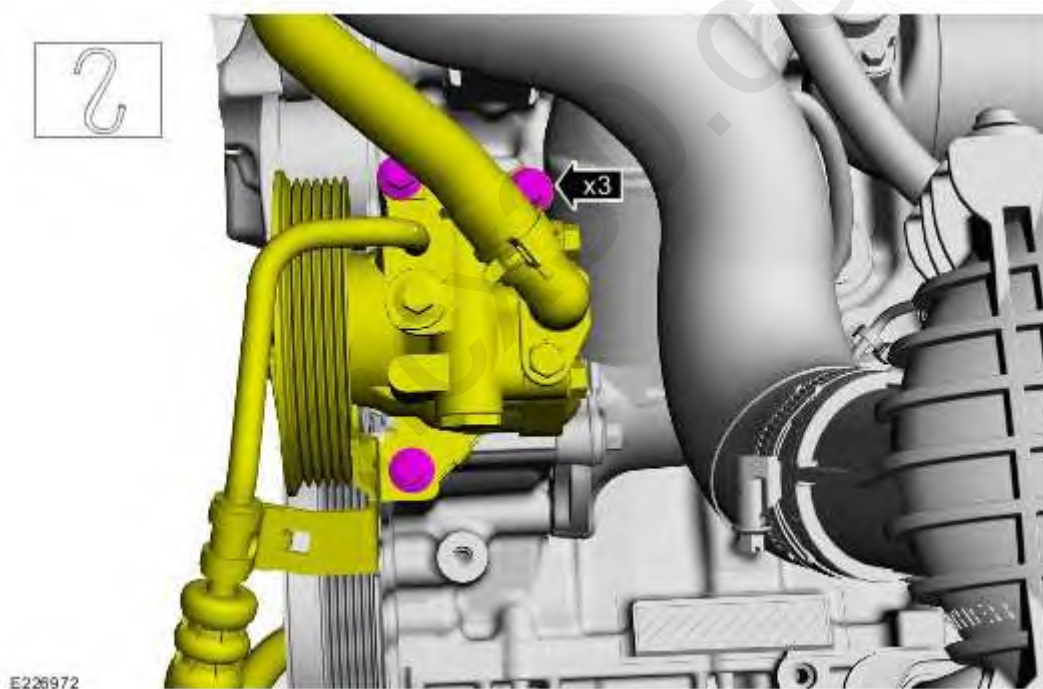


E225105

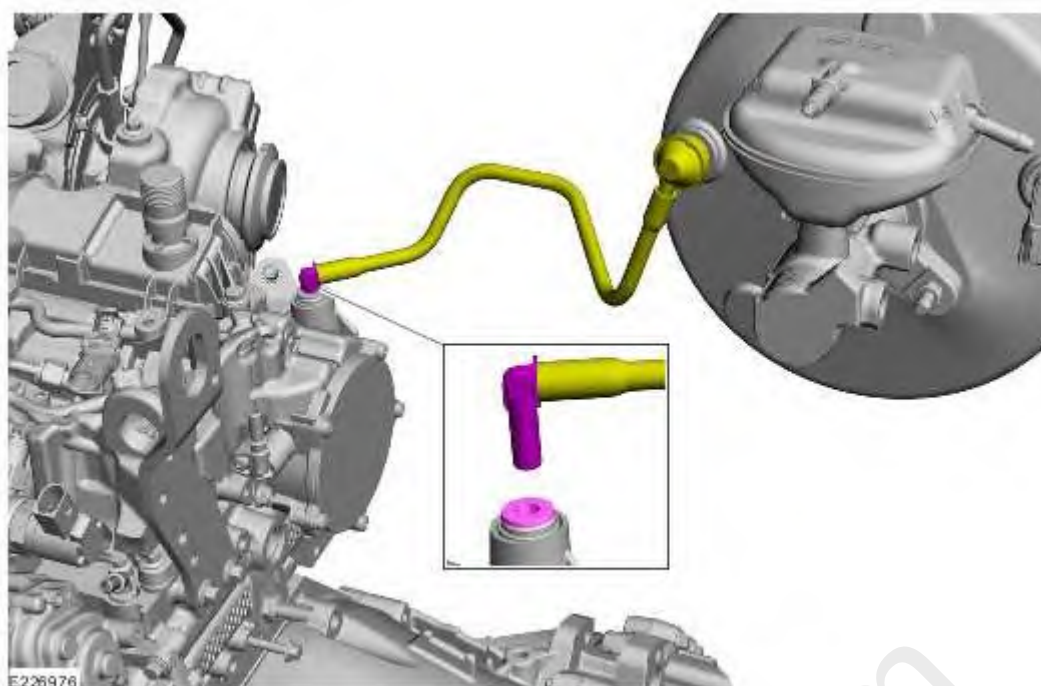
19.  **NOTICE:** Make sure that the components are not forcibly bent.
If equipped.



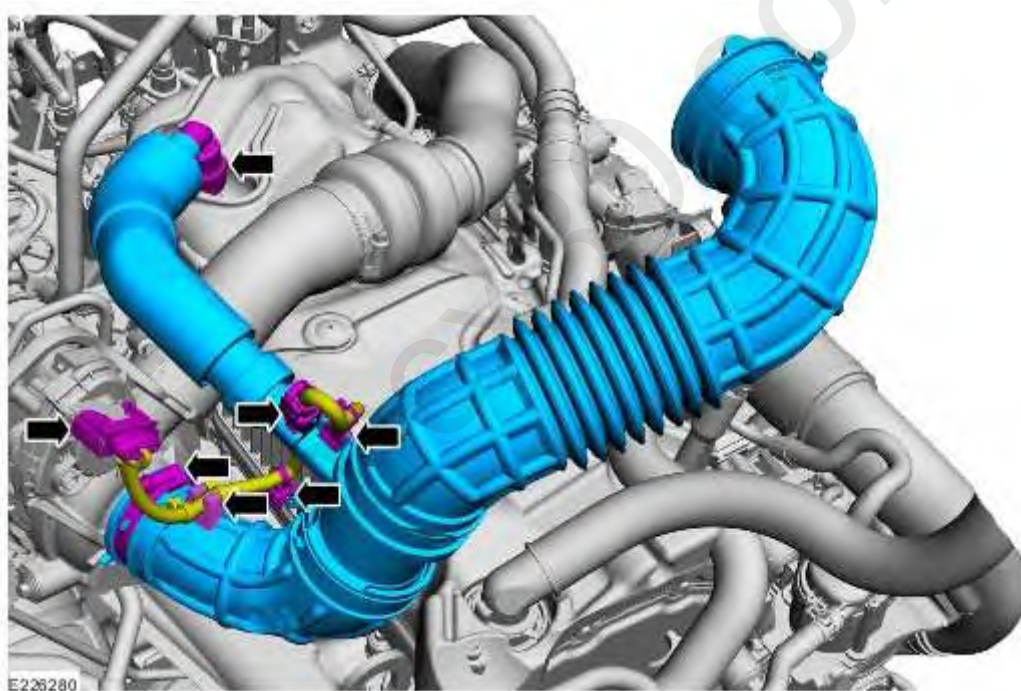
20.  NOTICE: Make sure that the components are not forcibly bent.



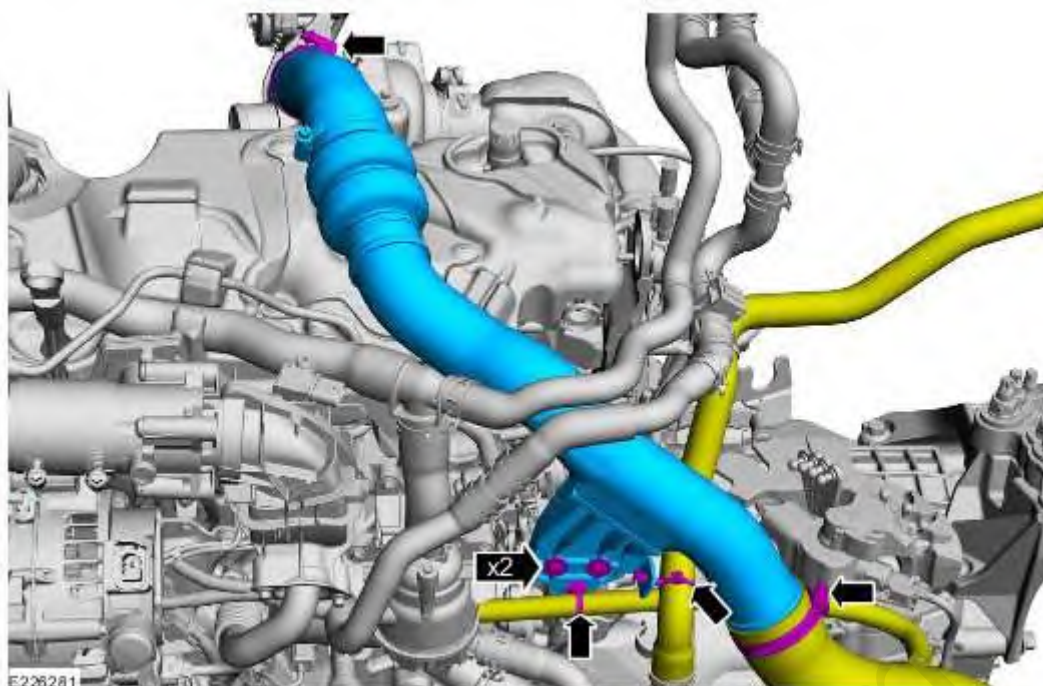
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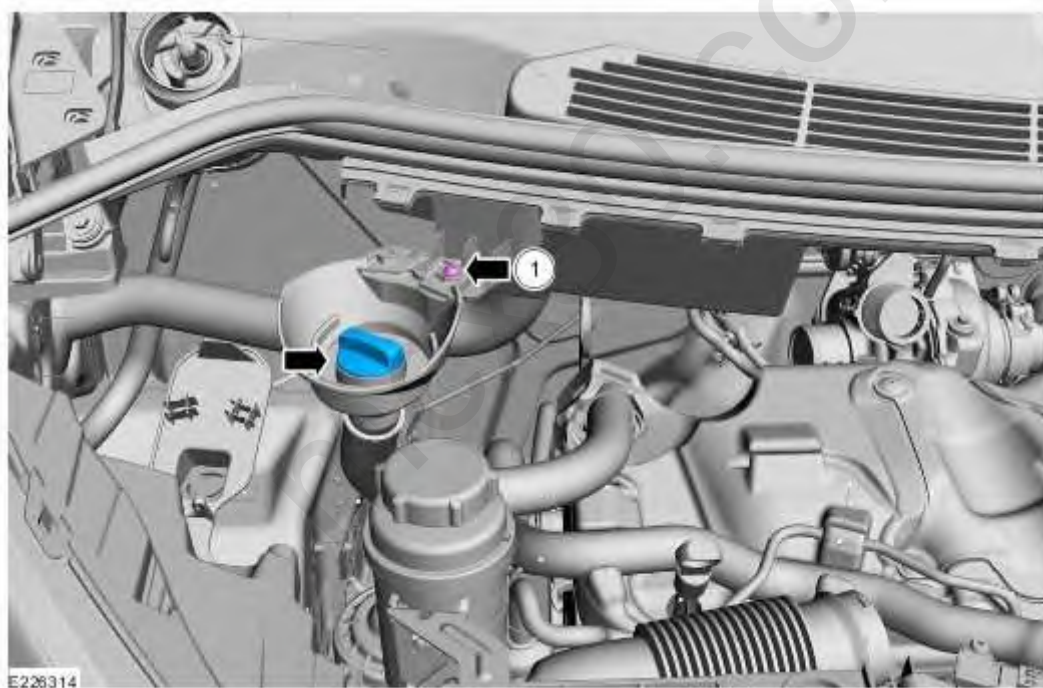
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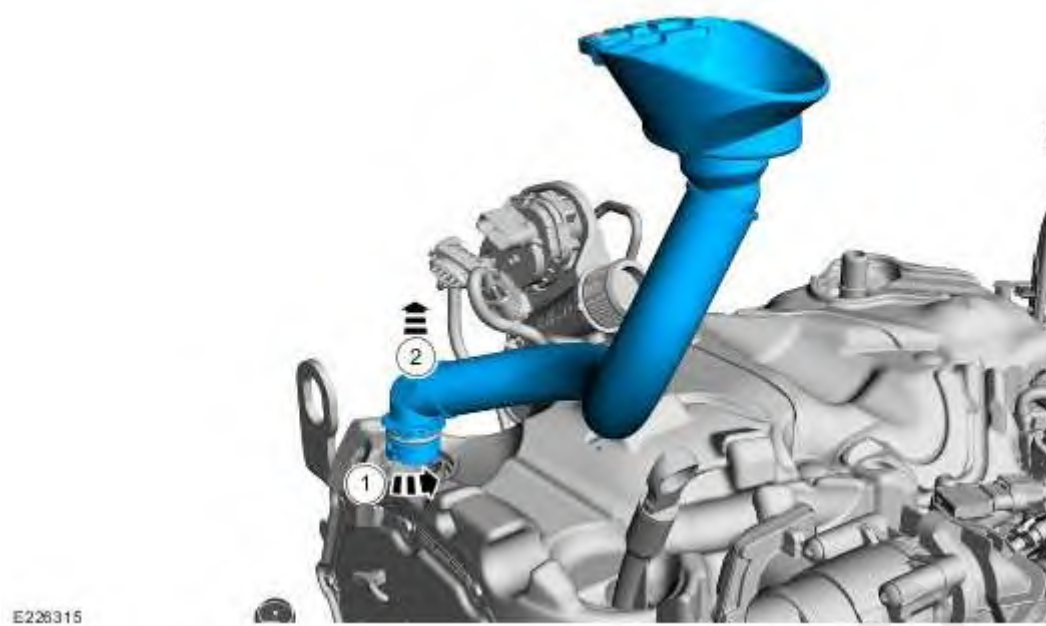
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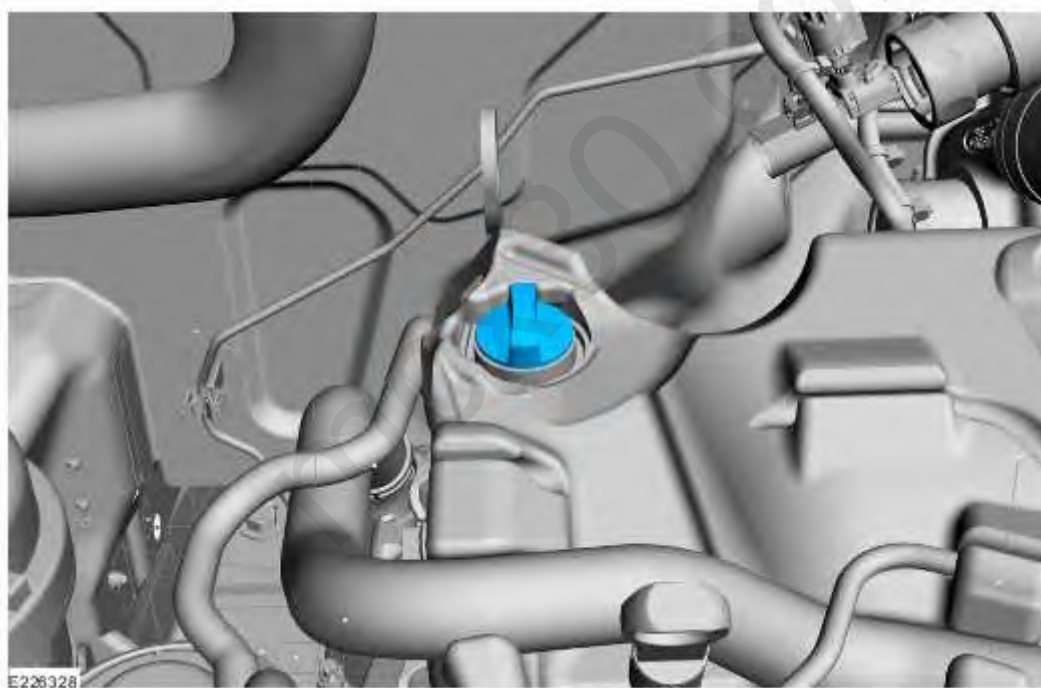
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25.

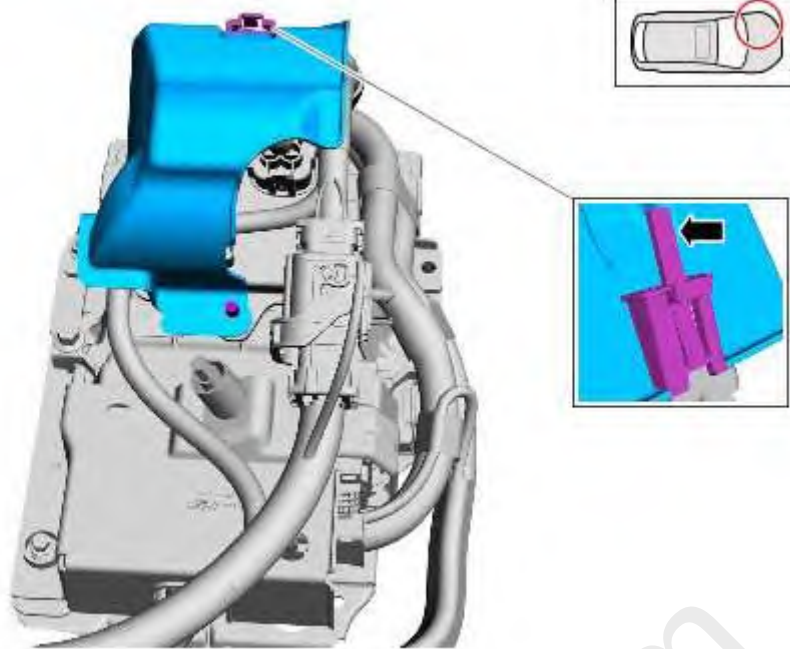


26.



27.

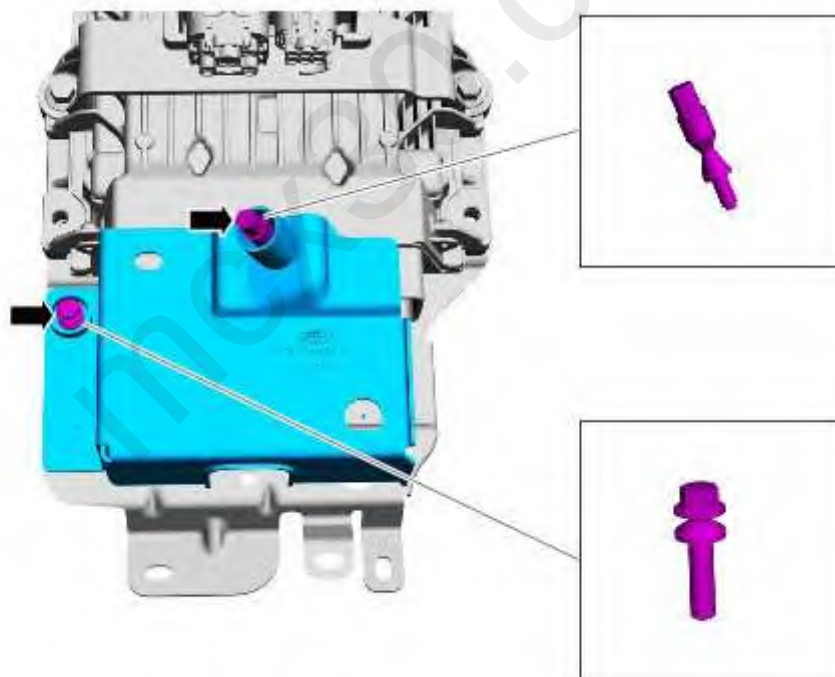
E226988



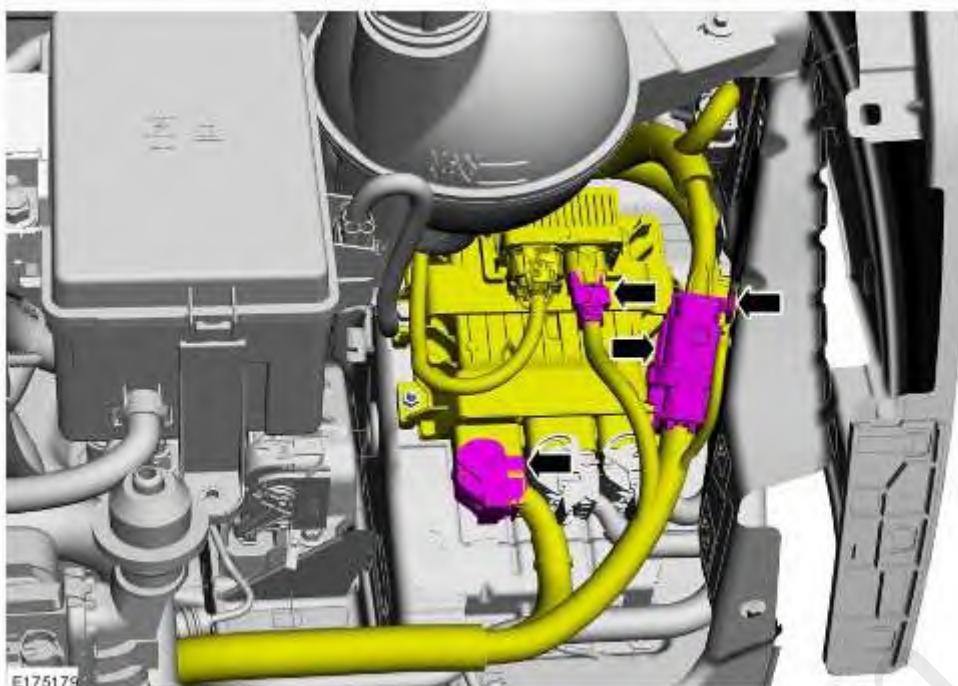
28. If equipped.

Use the General Equipments: [Center Punch](#), [3.5 mm Drill Bit](#)

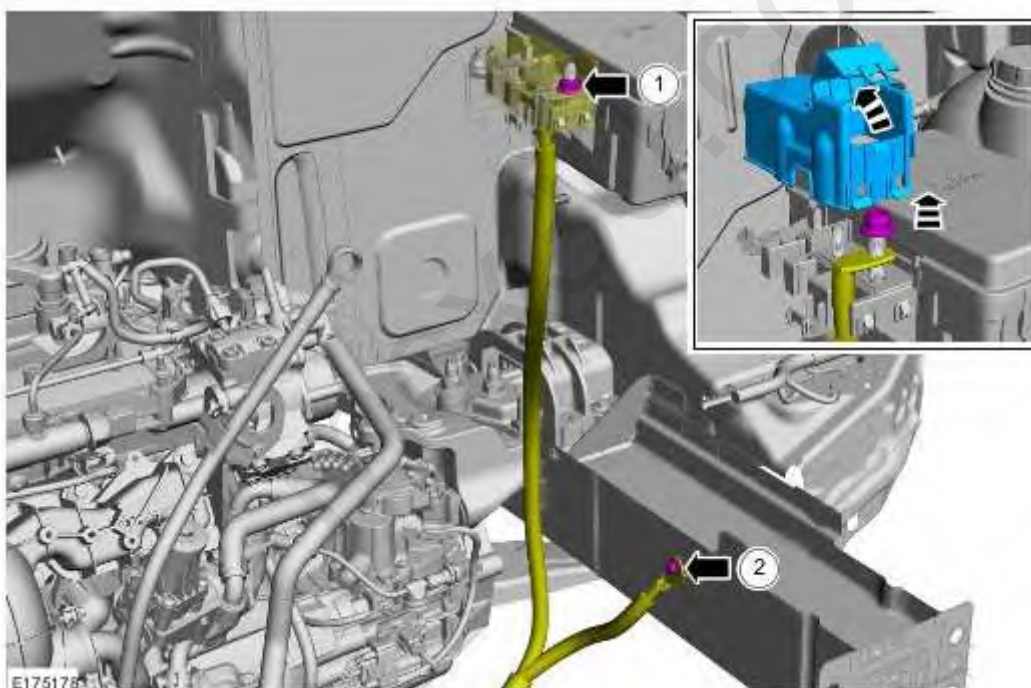
E171101



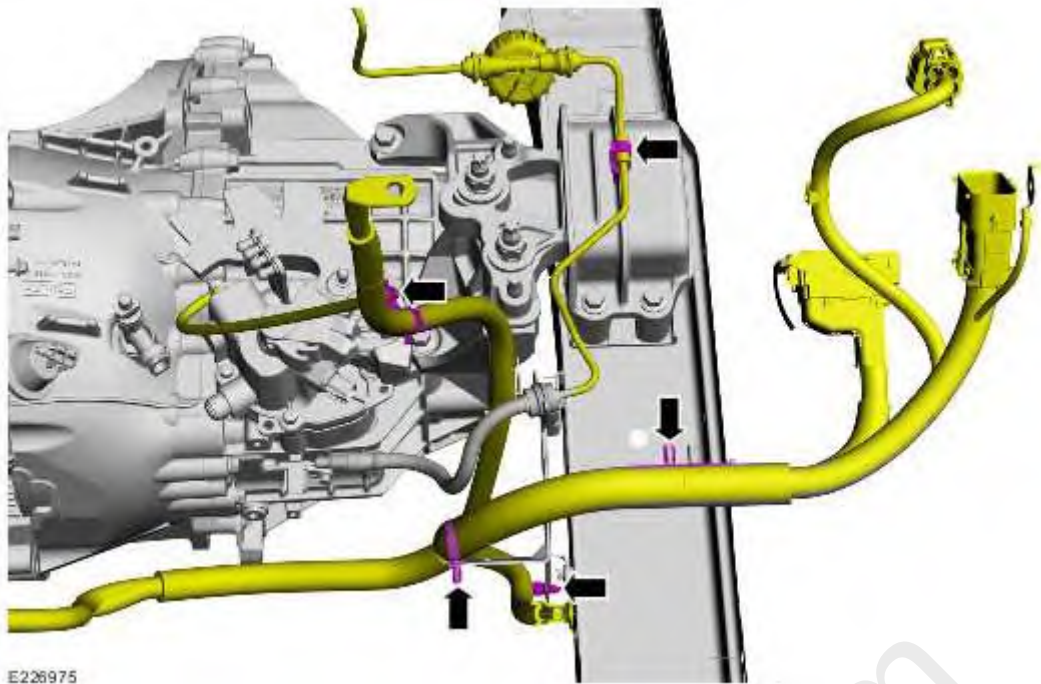
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30.

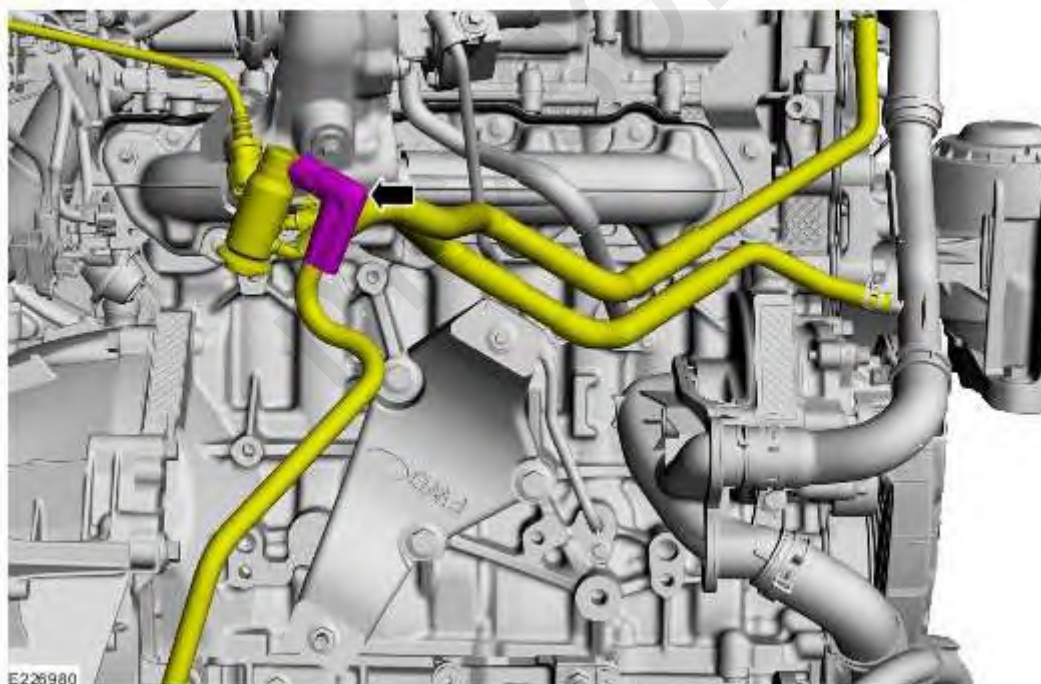


31.



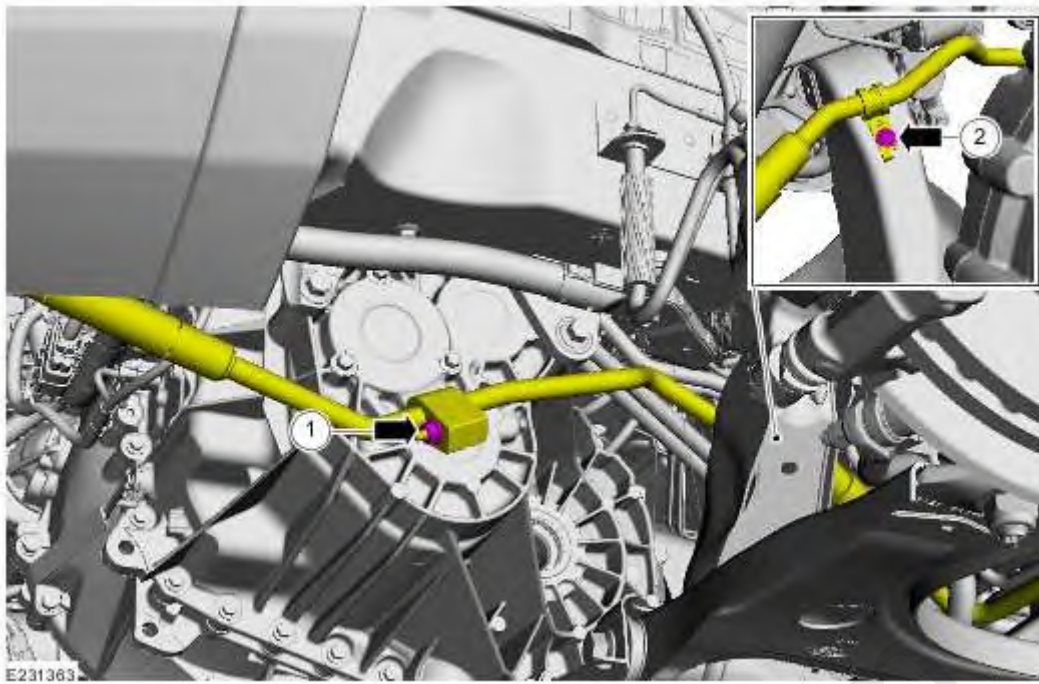
32.  **NOTICE:** Make sure that all openings are sealed with clean blanking caps.
NOTE: Be prepared to collect escaping fluid.

Refer to: [Quick Release Coupling](#) (310-00A Fuel System - General Information, General Procedures).



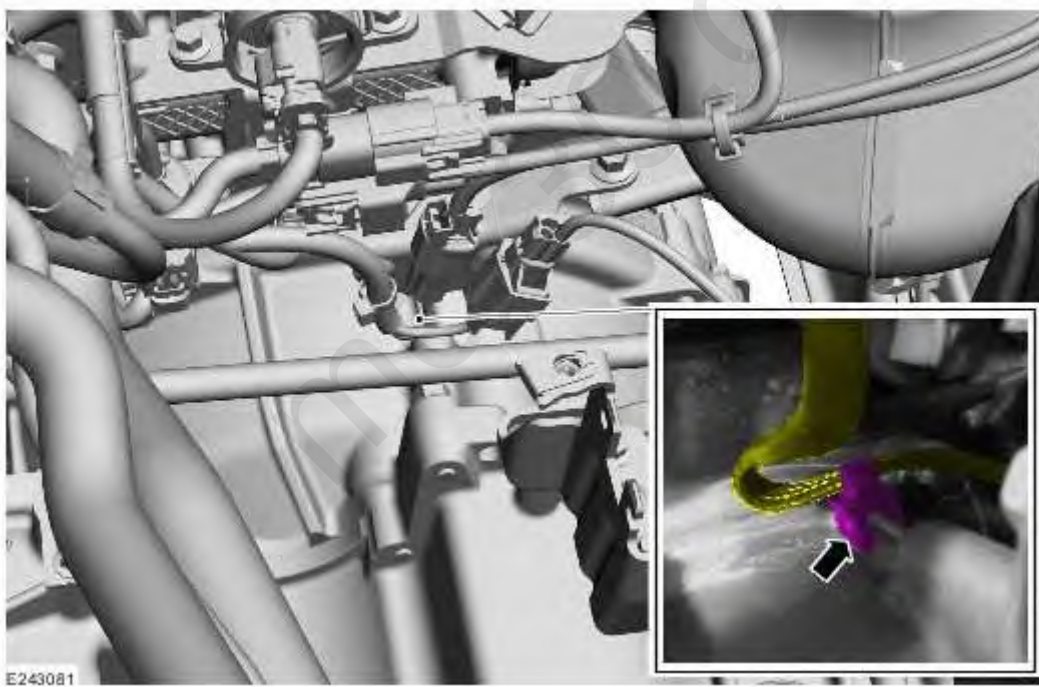
Vehicles With: Rear Climate Control

33. Refer to: [Air Conditioning \(A/C\) System Recovery, Evacuation and Charging](#) (412-00 Climate Control System - General Information, General Procedures).
- 34.

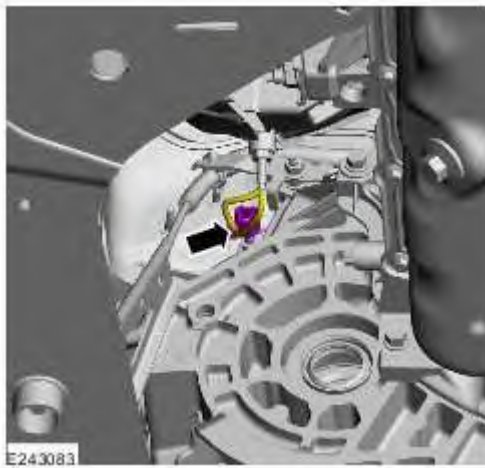


6-Speed Automatic Transmission - 6F55

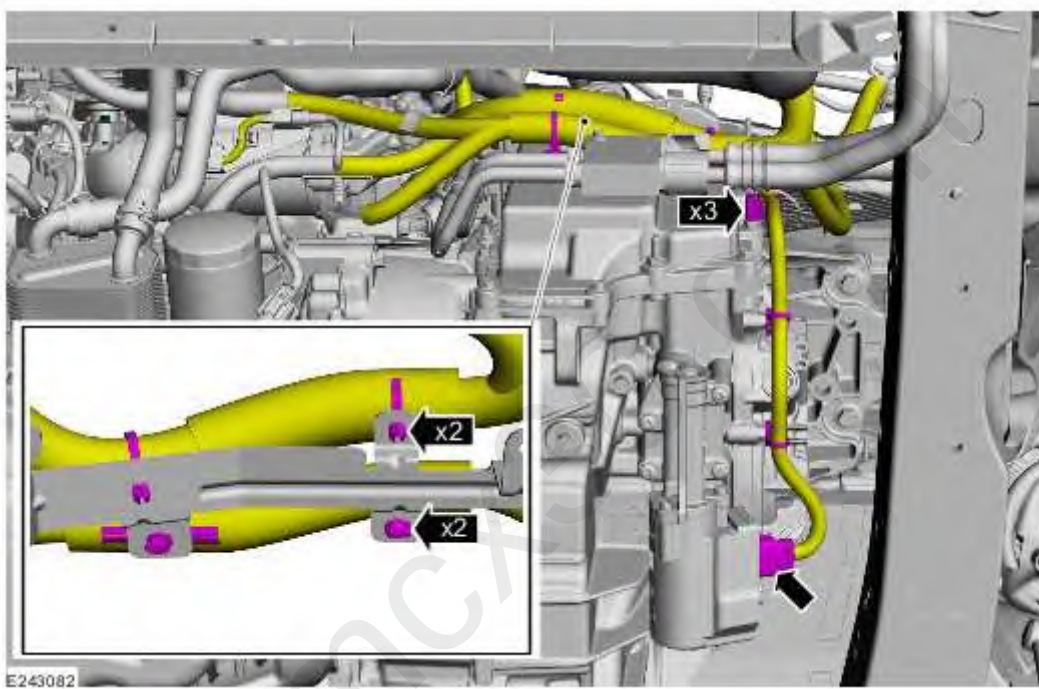
35.



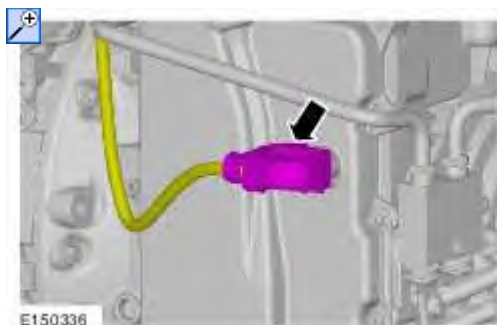
36.



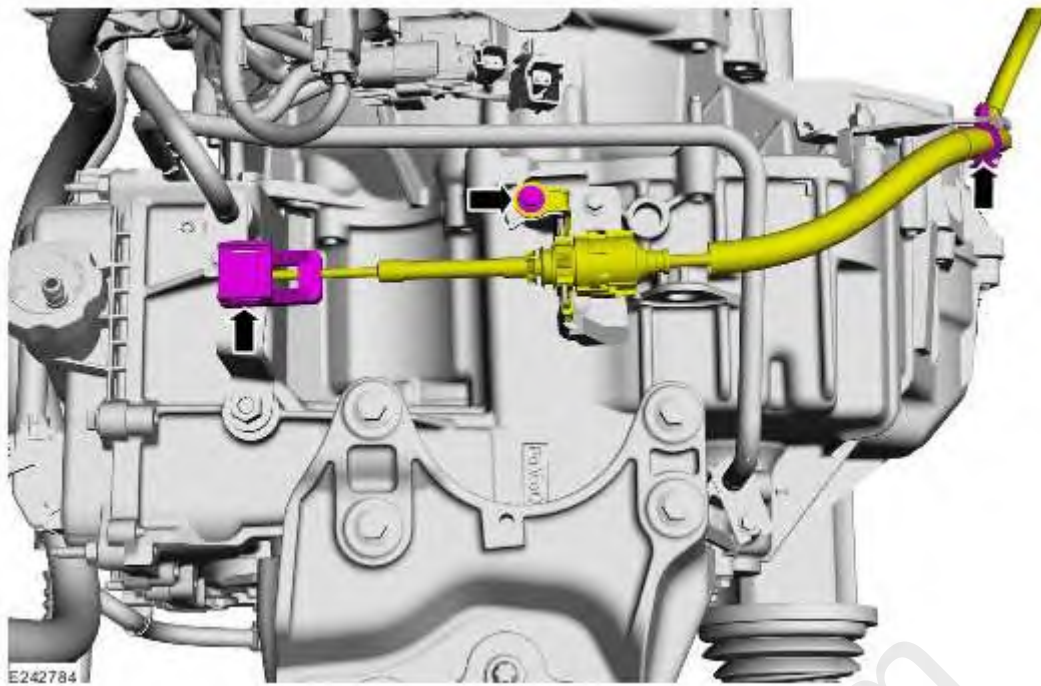
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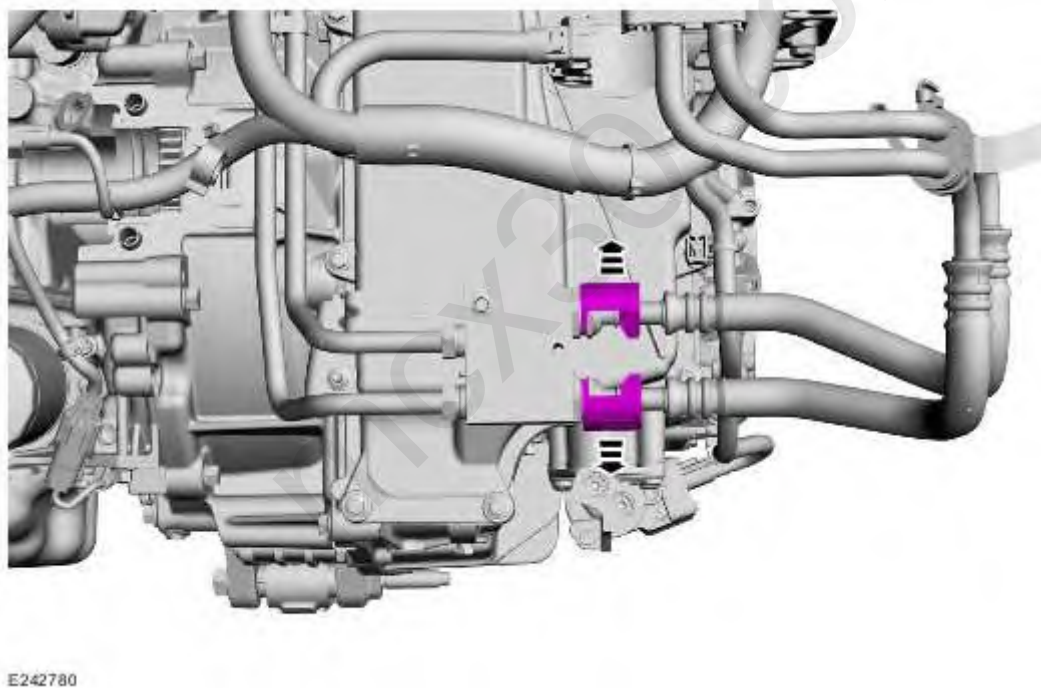
38.



39.

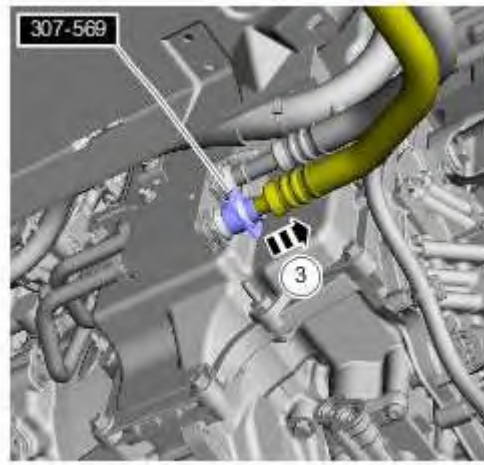
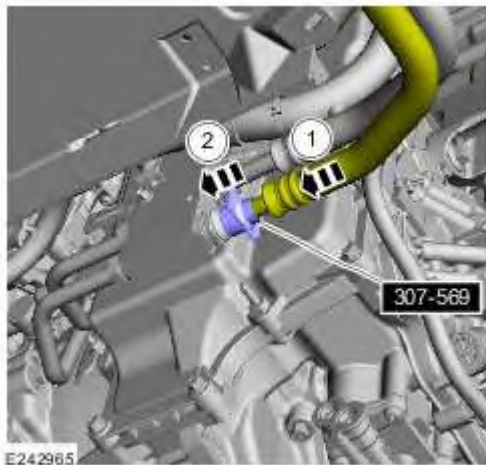


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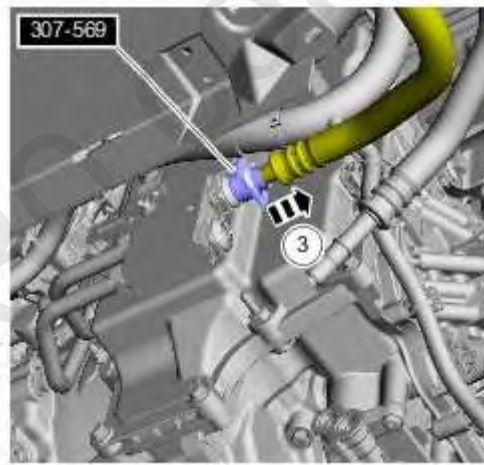
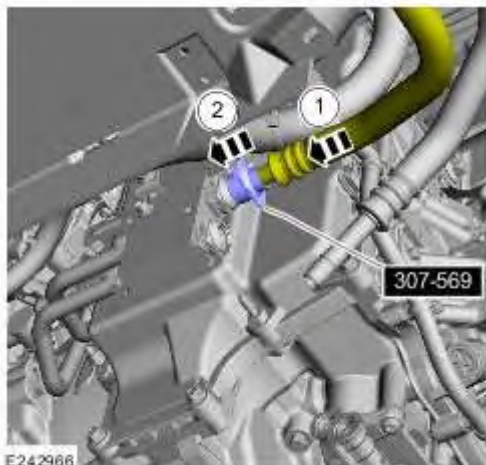


41.

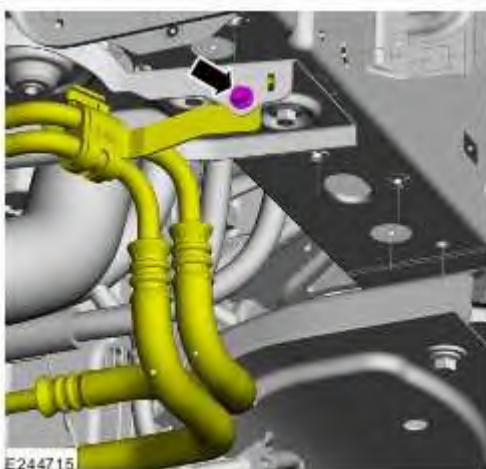
- 1.
2. **NOTE:** Be prepared to collect escaping fluid.
Use Suggested Tool: [307-569](#). Tool shown or a commercially available equivalent can be used.
3. *Remove Special Service Tool: [307-569](#).*



- 42.
- 1.
 2. **NOTE:** Be prepared to collect escaping fluid.
Use Suggested Tool: [307-569](#). Tool shown or a commercially available equivalent can be used.
 3. Remove Special Service Tool: [307-569](#).



43.

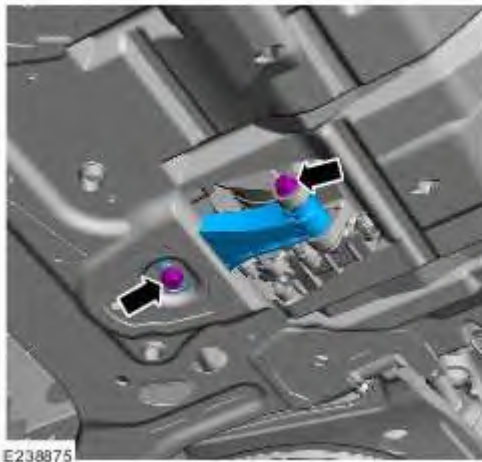


44. Refer to: [Front Halfshaft LH - Detach from the transmission - 6-Speed Automatic Transmission - 6F55](#) (205-04 Front Drive Halfshafts, Removal and Installation).

45. Remove the following items:

- Refer to: [Front Halfshaft RH - 6-Speed Automatic Transmission - 6F55](#) (205-04 Front Drive Halfshafts, Removal and Installation).

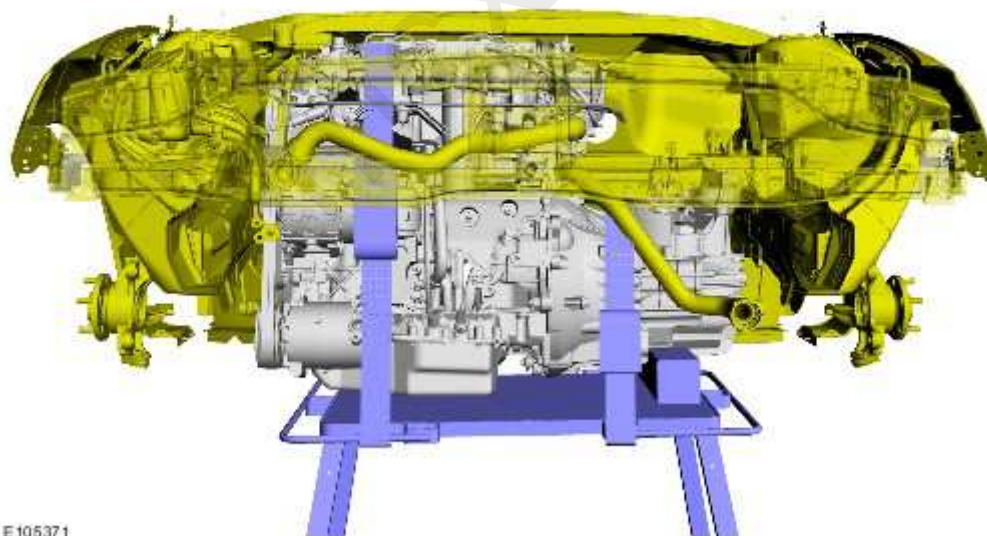
46. **NOTE:** Note the different lengths of the bolts.



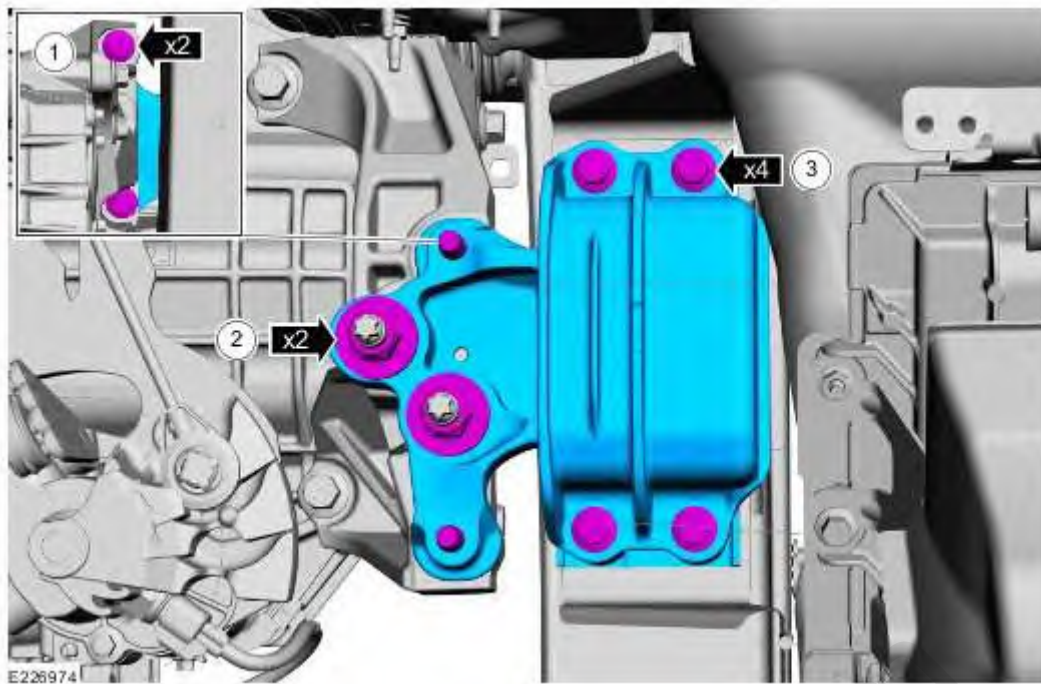
All vehicles

47.  **WARNING:** Always secure engines, transmissions, or other heavy components to the support fixture with straps and wooden support blocks. Improperly secured assemblies could fall off the fixture, resulting in serious personal injury.

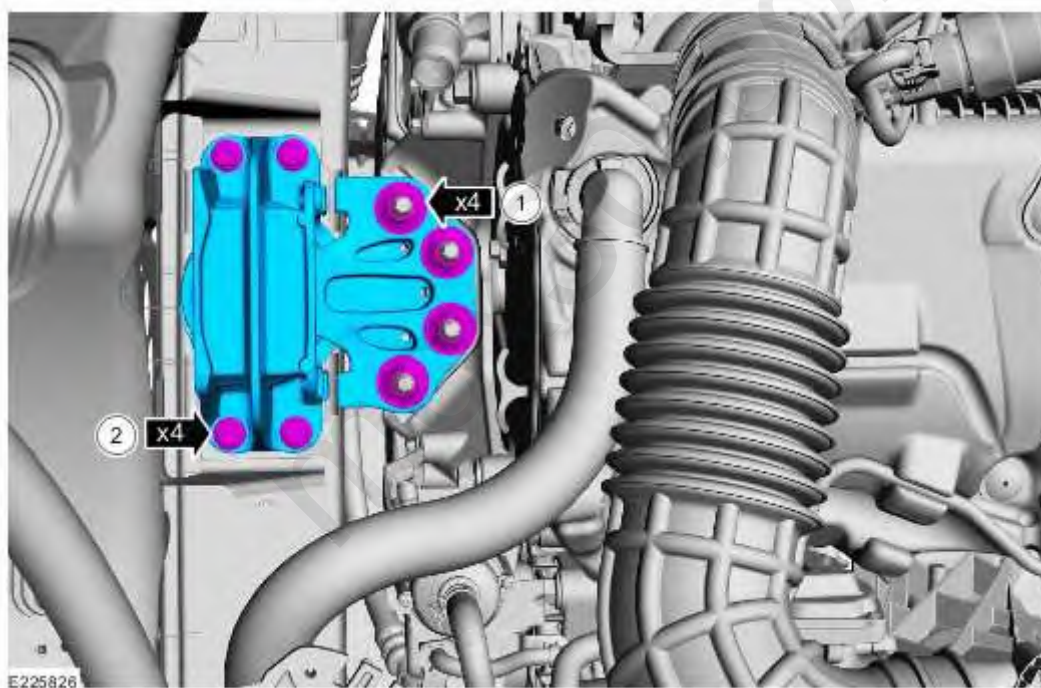
Install the General Equipments: [Mounting Table Set](#), [Wooden Block](#), [Retaining Strap](#)



48.

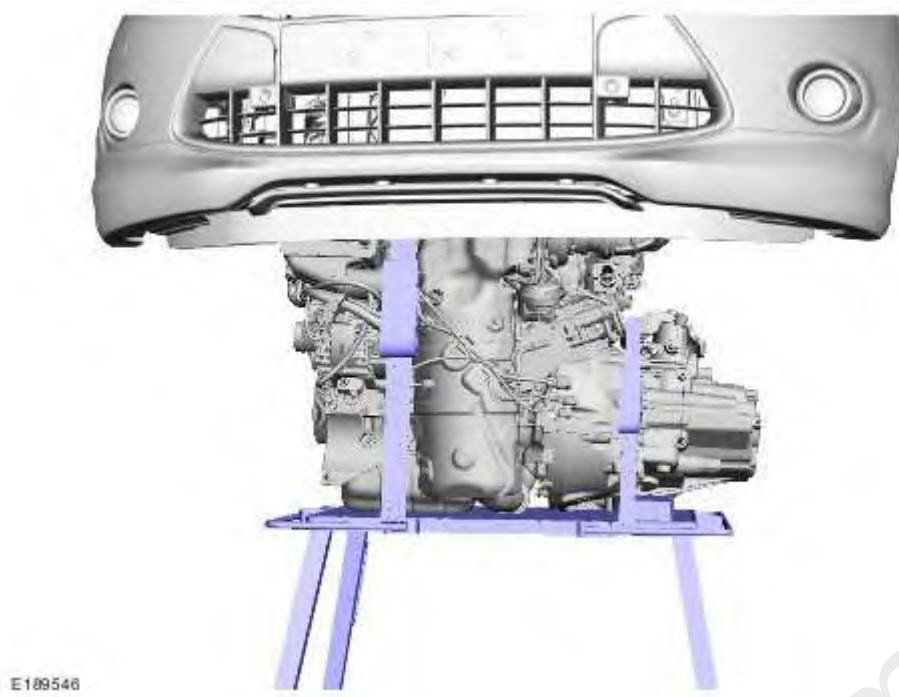


49.

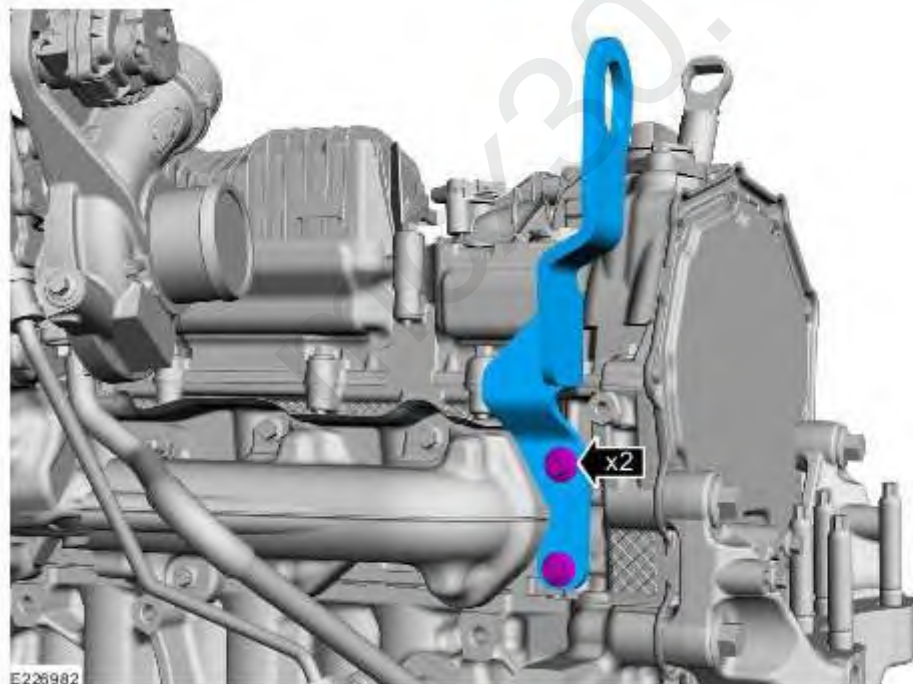


50. **NOTE:** Make sure that no components catch.

Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).



51.  **NOTICE:** It is mandatory to use the specified materials!
Refer to: [Specifications](#) (303-01A Engine, Specifications).
Torque: 33 Nm



52. *Install the General Equipments:* [Lifting Bracket](#), [Floor Crane](#)



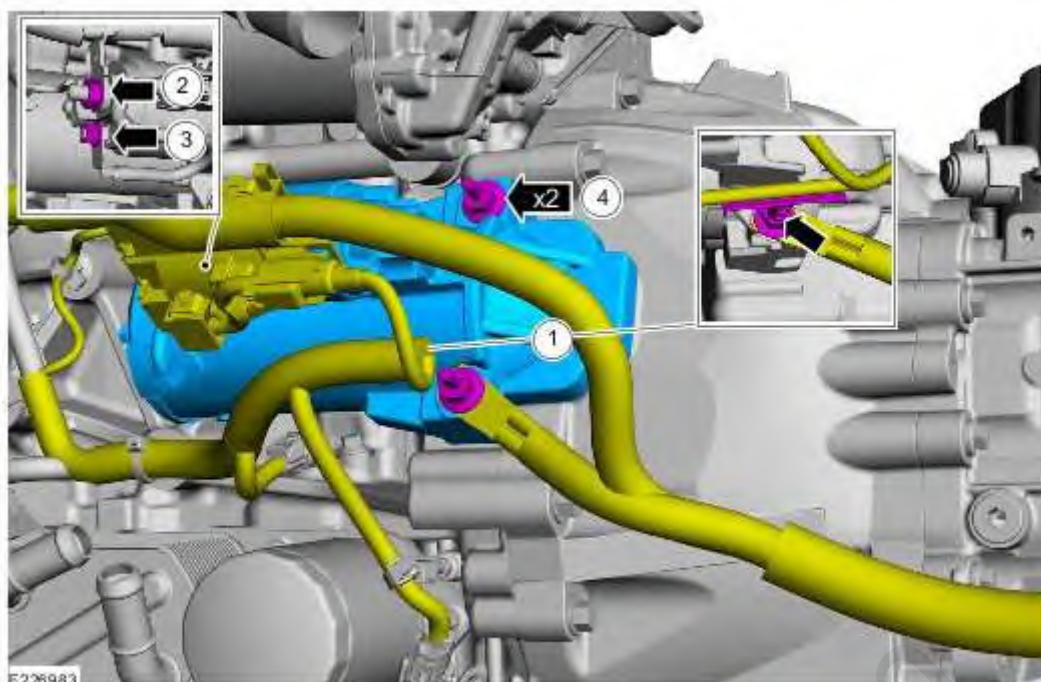
E188538

53. Remove the General Equipments: [Retaining Strap](#), [Wooden Block](#), [Mounting Table Set](#)



E199088

54.

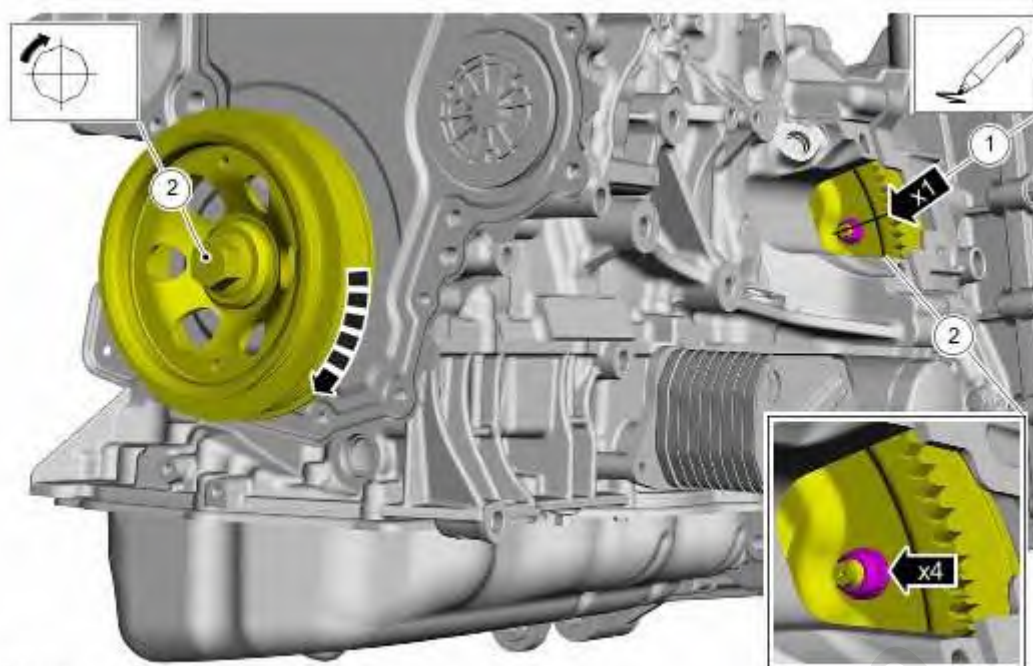


6-Speed Automatic Transmission - 6F55

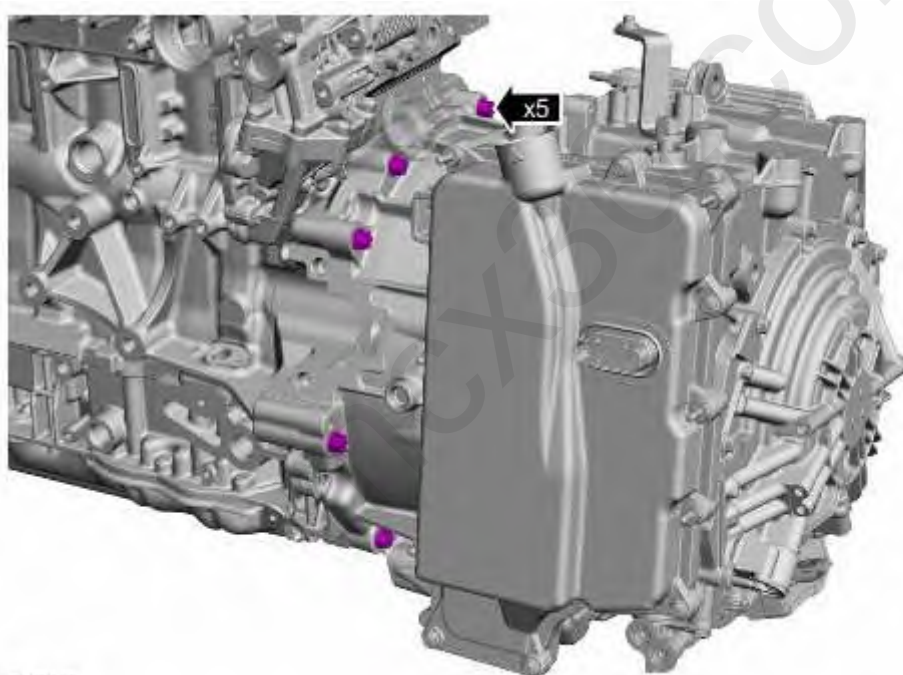
55.



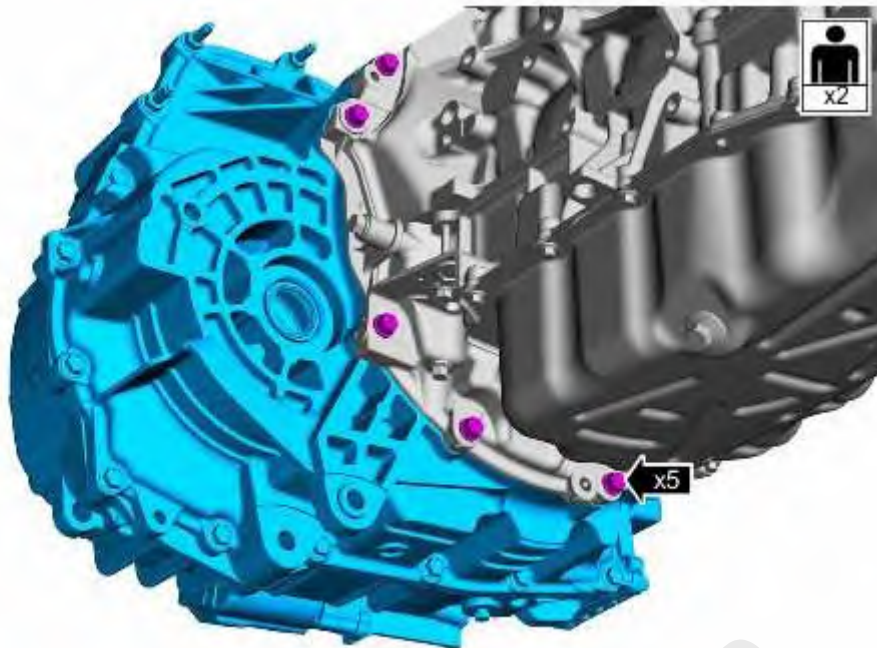
56.  **NOTICE:** Only rotate the crankshaft clockwise.
NOTE: Note the position of the component before removal.



57.



58.  **NOTICE:** Make sure that the torque converter remains in the transmission.



E249535

59.  **NOTICE:** Make sure that the locating dowels remain installed.



E158725

60.  **NOTICE:** Make sure that the torque converter remains in the transmission.
Tool shown or a commercially available equivalent can be used.

Install Suggested Tool: [303-1196](#). Tool shown or a commercially available equivalent can be used.



E243300

