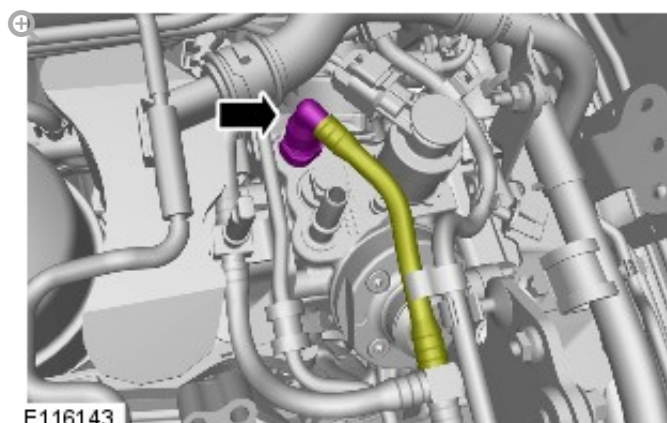


E116142

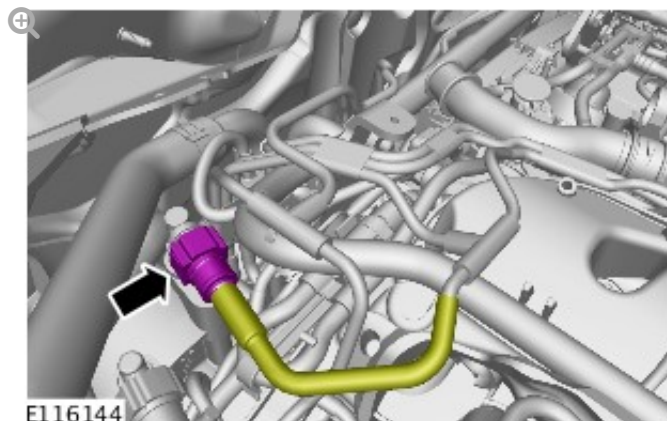
38.

Be prepared to collect escaping fuel.



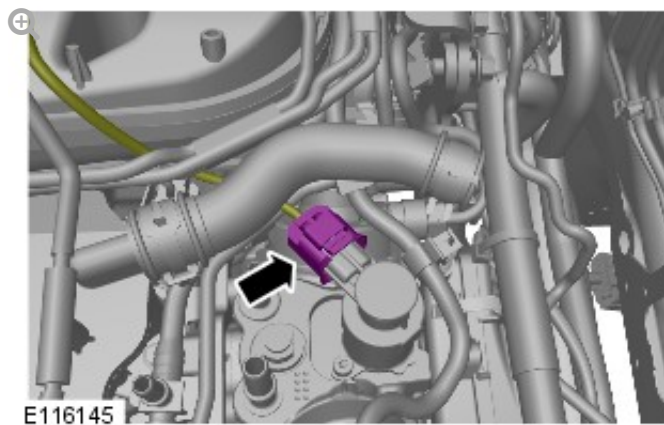
E116143

39.

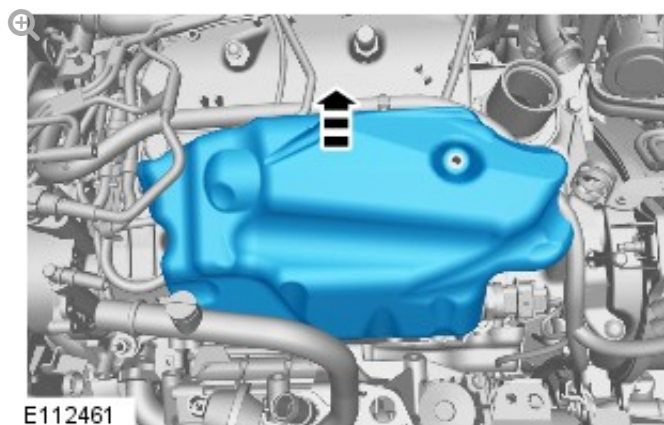


E116144

40.

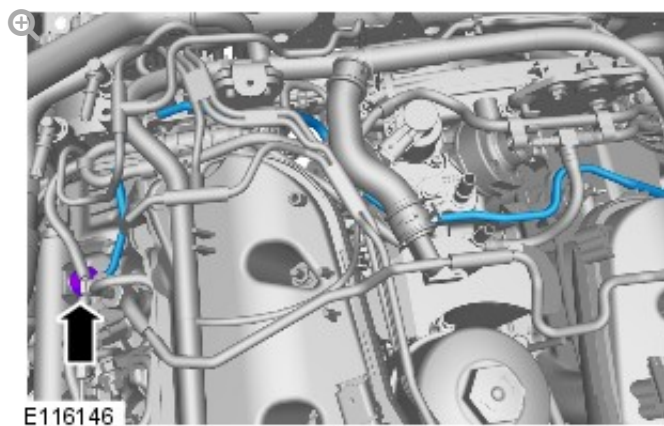


41.



42.

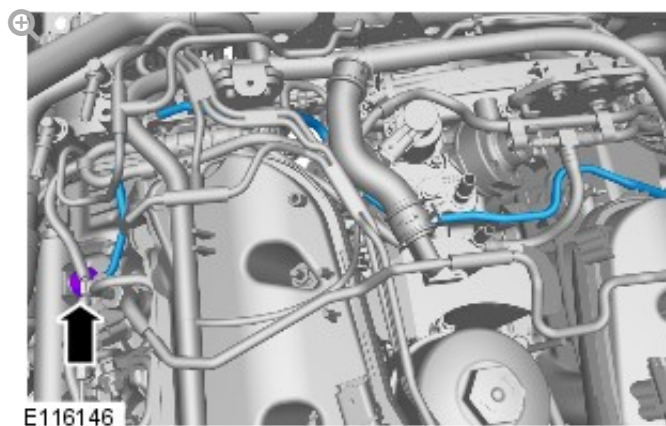
Be prepared to collect escaping fuel.



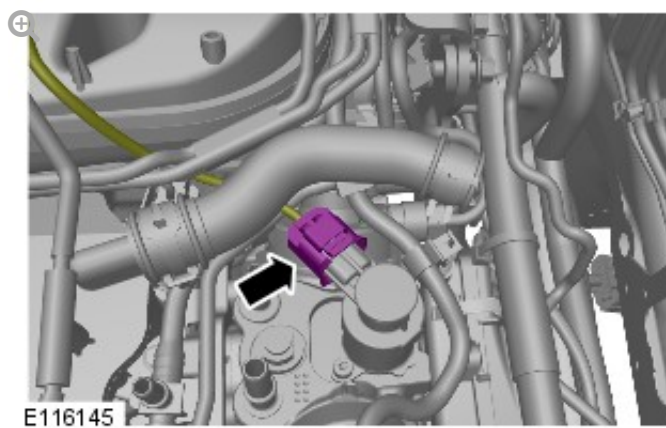
## INSTALLATION

1.

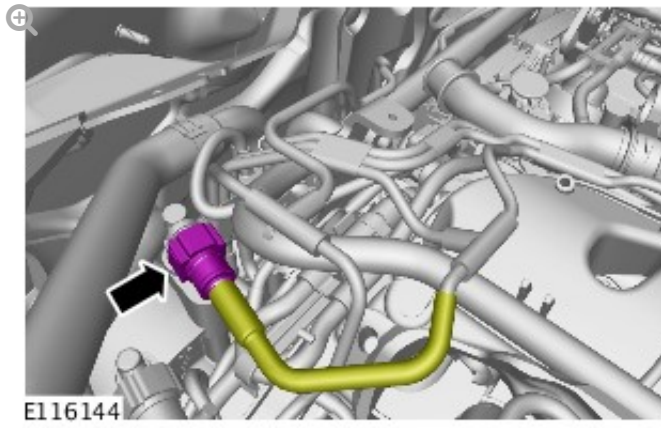
- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.



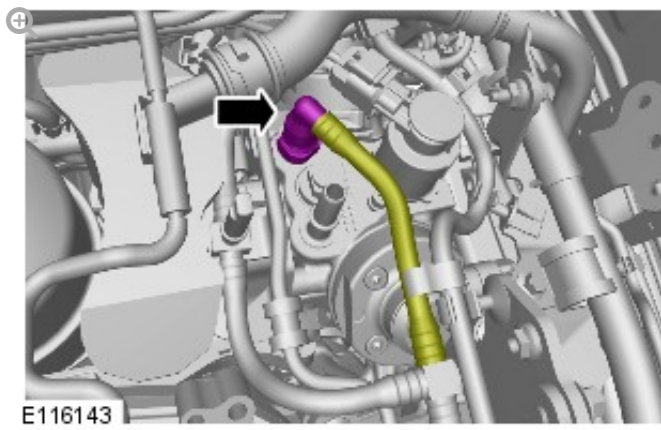
2.



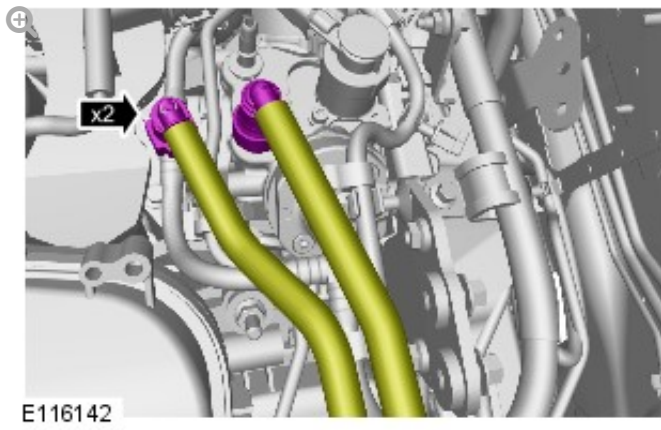
3.



4.

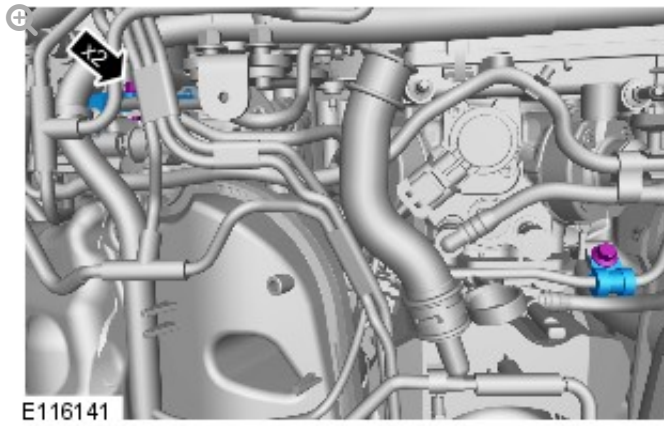


5.



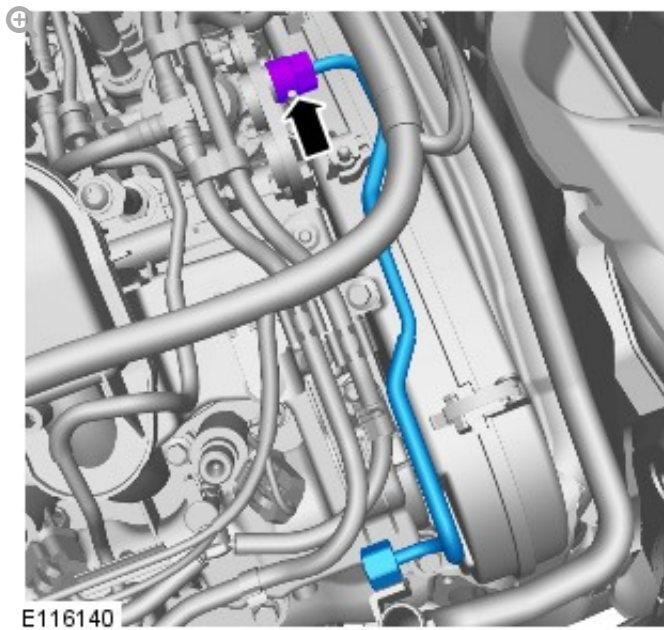
6.

Only tighten the bolt finger-tight at this stage.



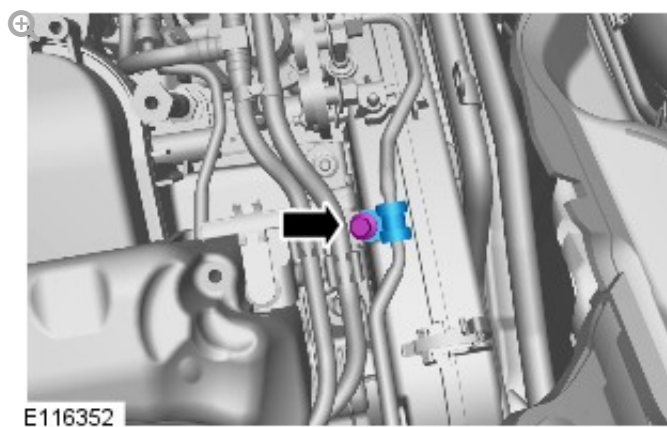
7.

- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.

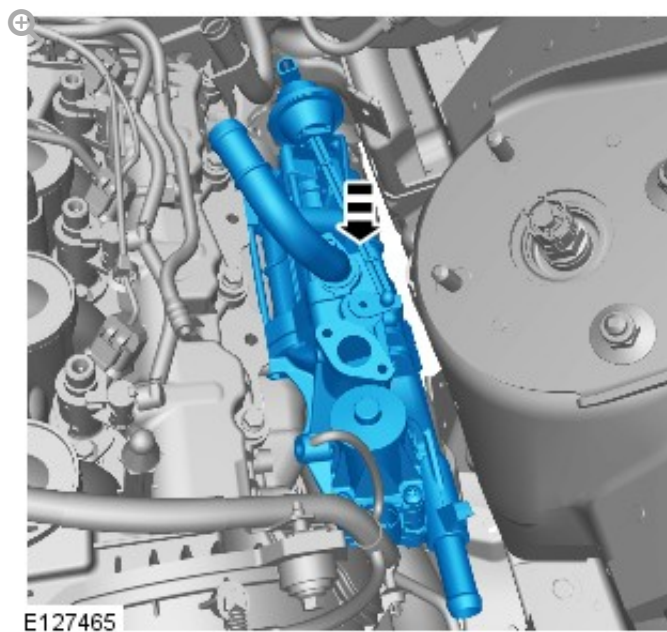


8.

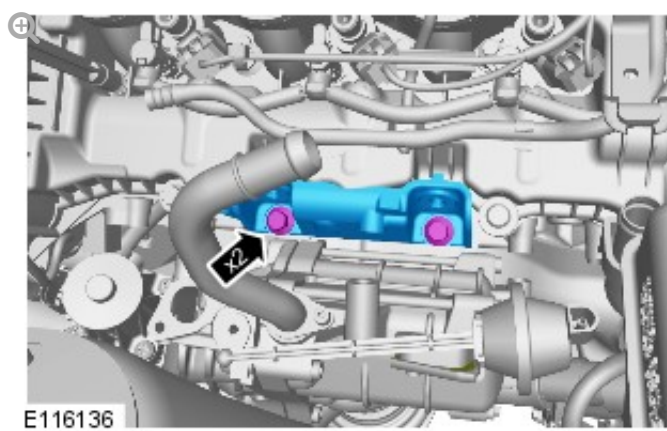
Only tighten the bolt finger-tight at this stage.



9.

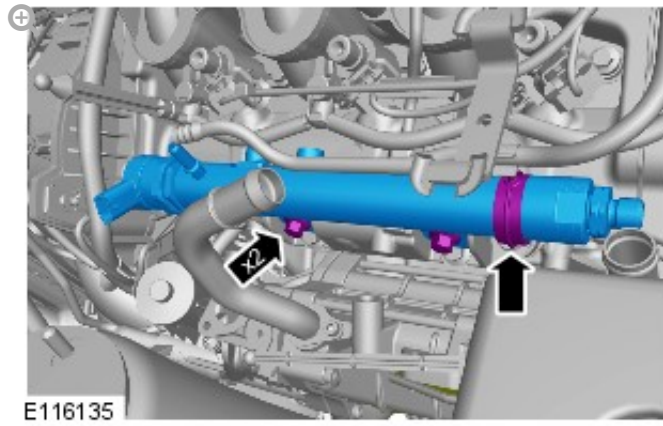


10.



*Torque:* **24 Nm**

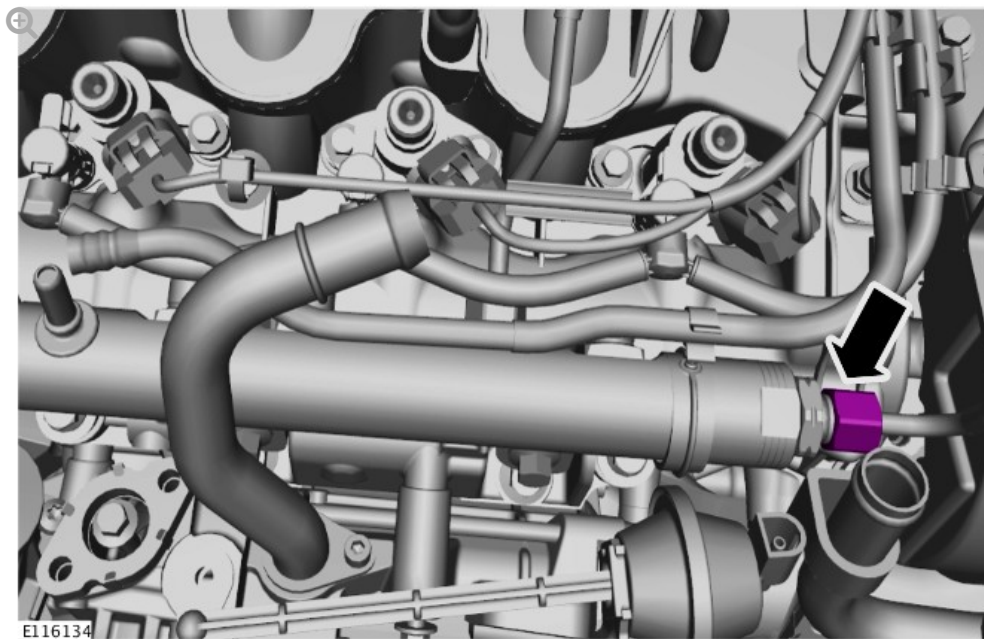
11.



*Torque:* **24 Nm**

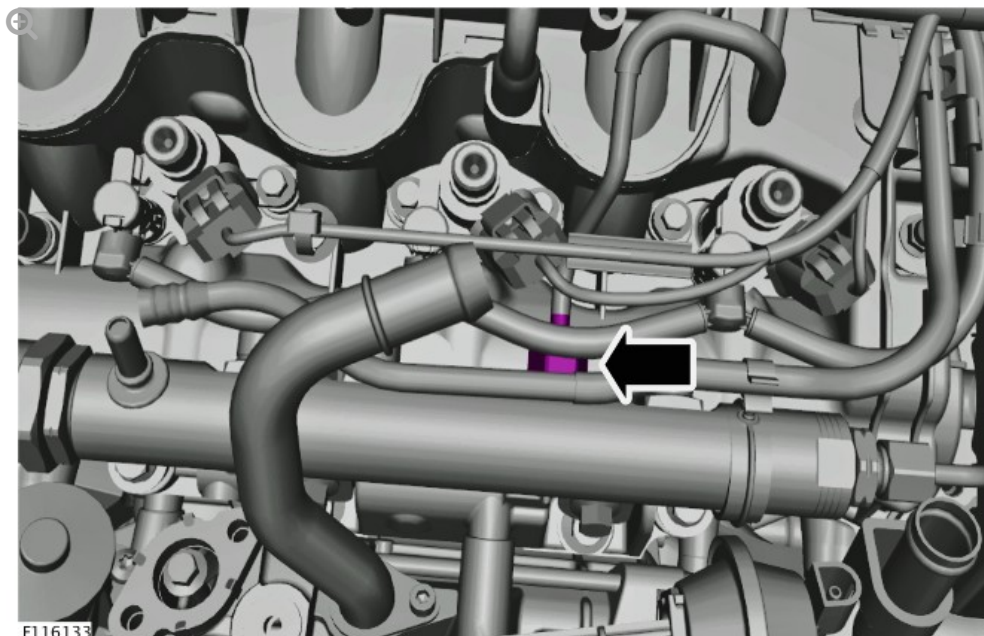
12.

Tighten the fuel supply line unions finger tight.



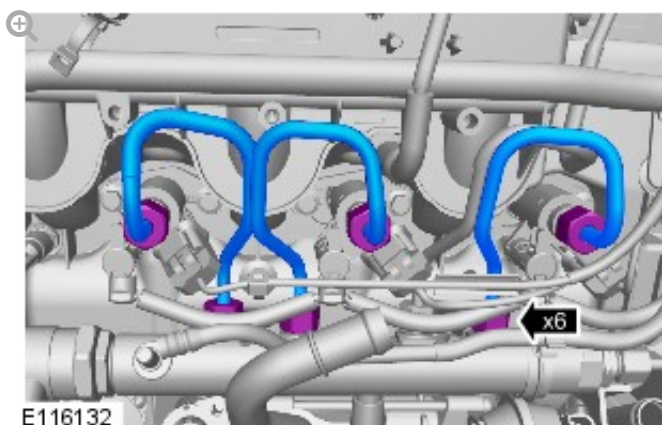
13.

Tighten the fuel supply line unions finger tight.



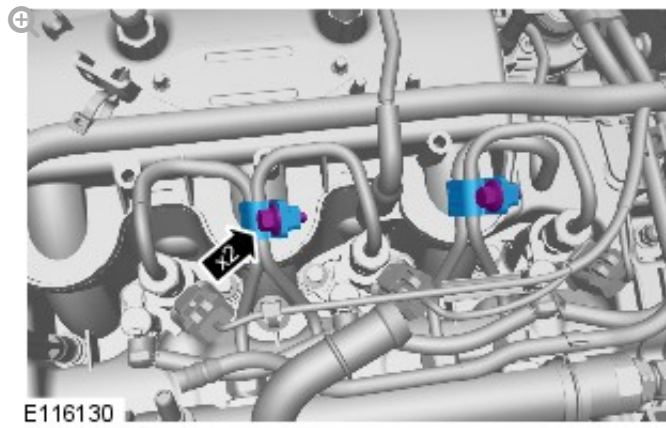
14.

- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.

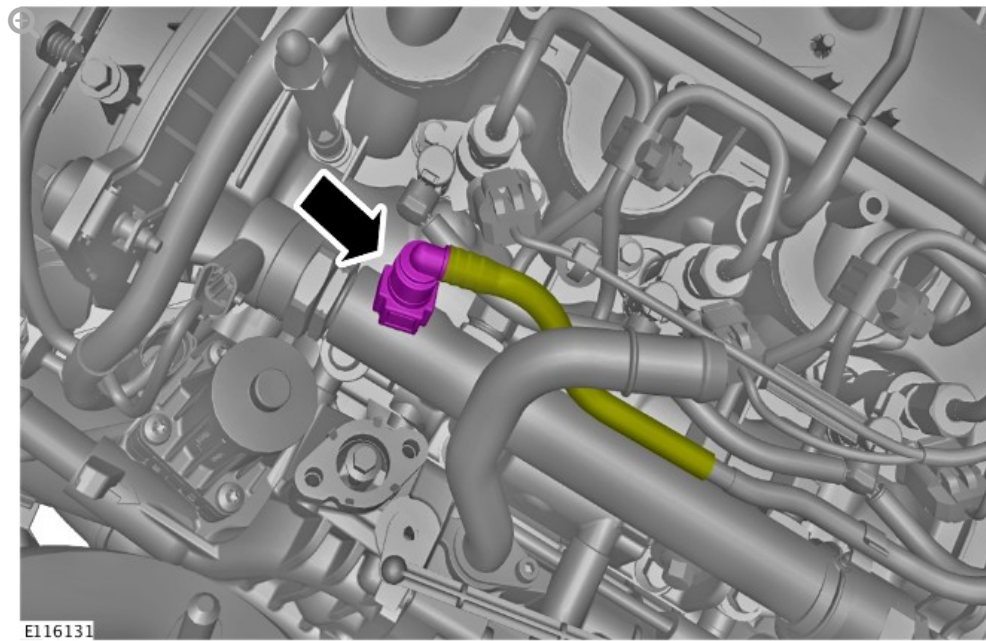


15.

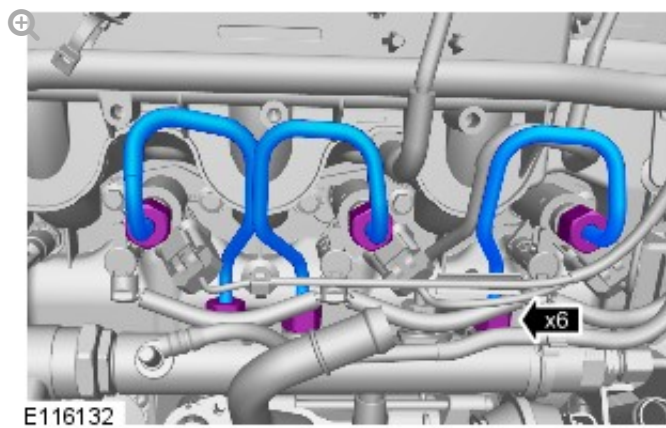
Only tighten the bolt finger-tight at this stage.



16.



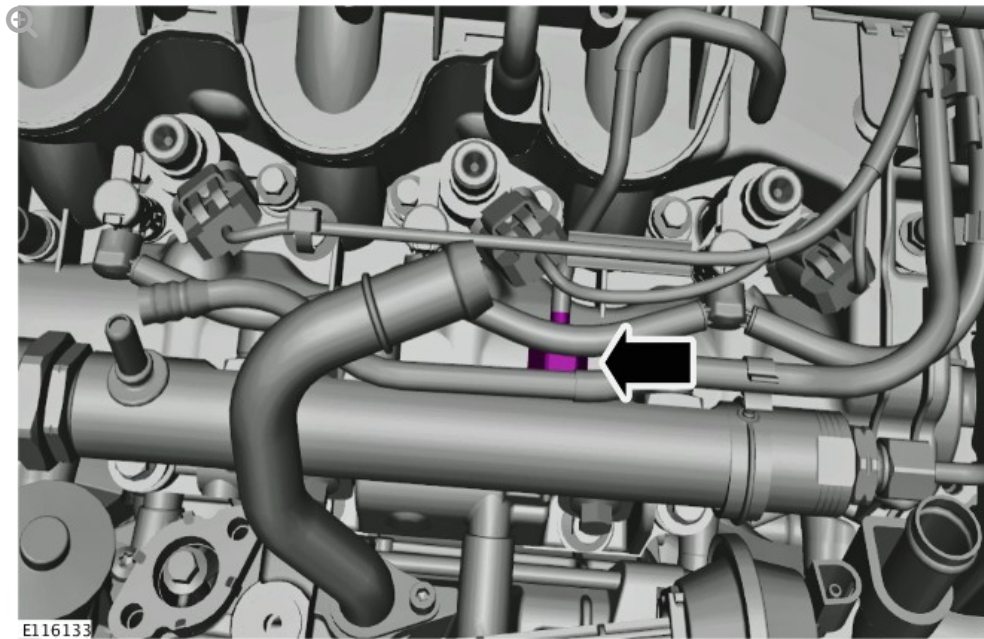
17.



- Stage 1: Tighten the high-pressure fuel supply line unions at the fuel rail to 15Nm.

- Stage 2: Tighten the high-pressure fuel supply line unions at the injector to 15Nm.

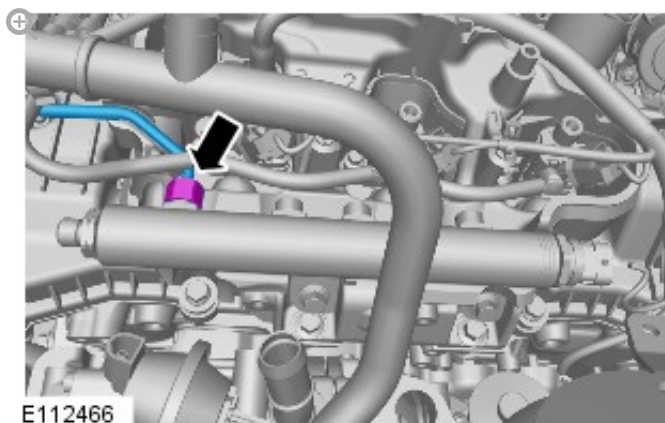
18.



Tighten the high-pressure fuel lines union to 15Nm.

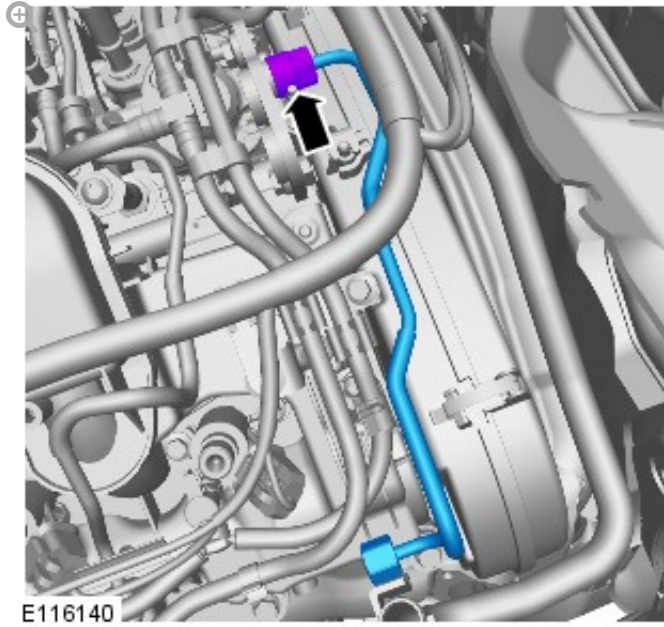
19.

Make sure that a new component is installed.



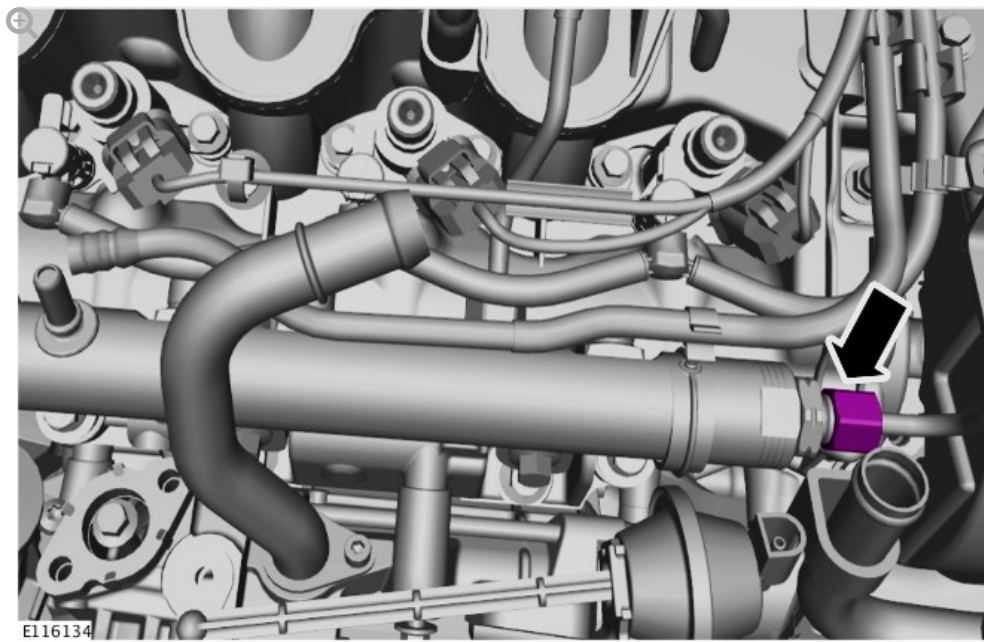
Tighten the high-pressure fuel lines union to 15Nm.

20.



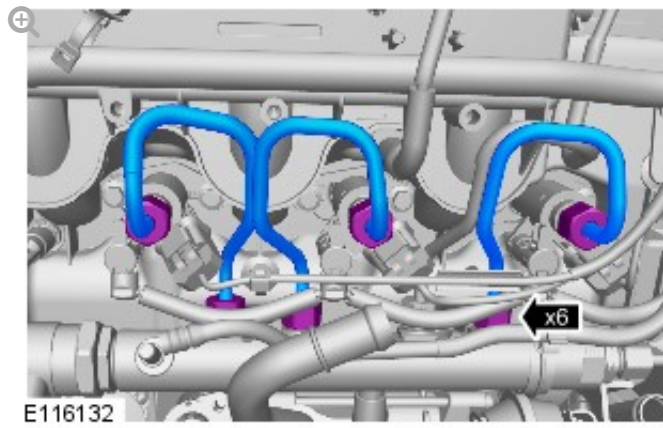
Tighten the high-pressure fuel lines union to 15Nm.

21.



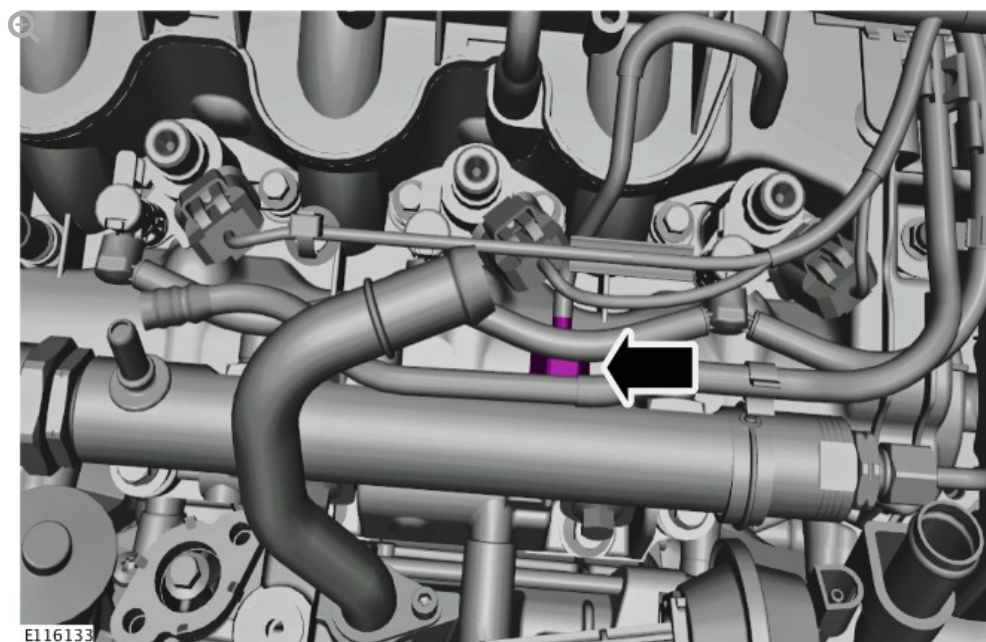
Tighten the high-pressure fuel lines union to 15Nm.

22.



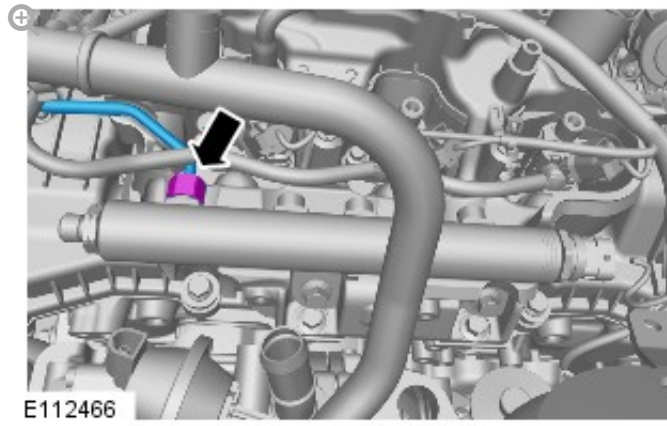
- Stage 1: Tighten the high-pressure fuel supply line unions at the fuel rail to 30Nm.
- Stage 2: Tighten the high-pressure fuel supply line unions at the injector to 30Nm.

23.



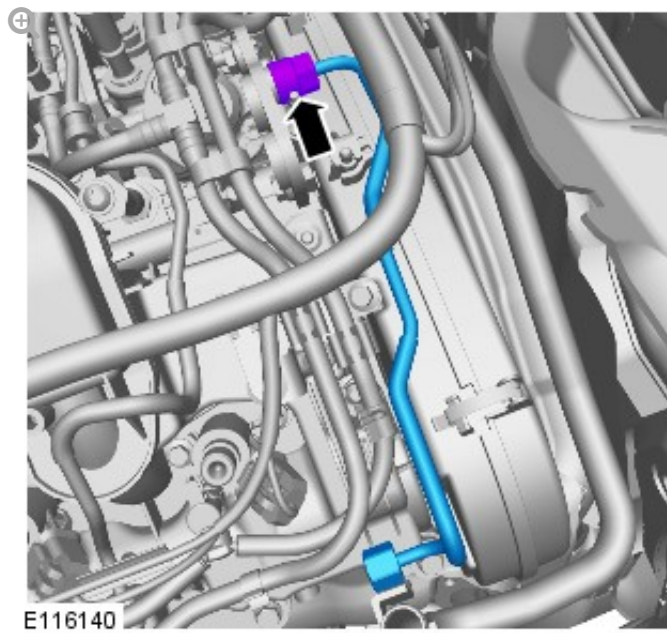
Tighten the high-pressure fuel line union to 30Nm.

24.



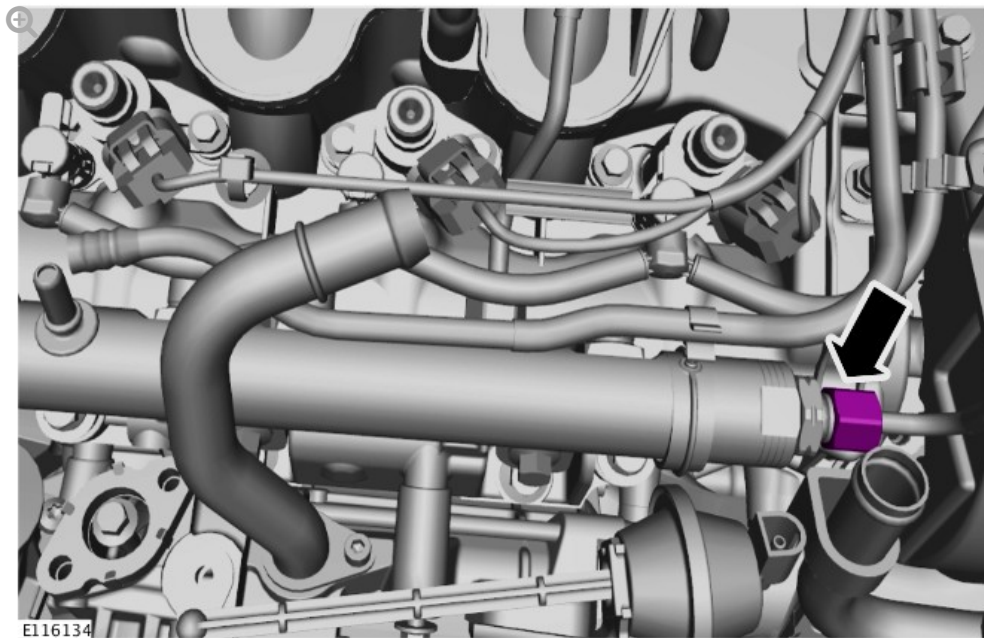
Tighten the high-pressure fuel line union to 30Nm.

25.



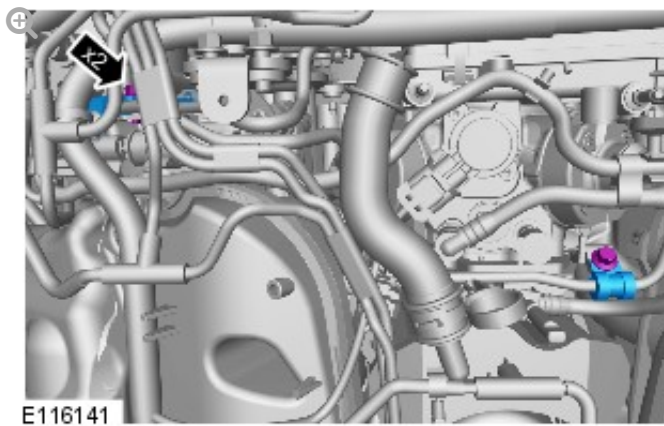
Tighten the high-pressure fuel line union to 30Nm.

26.



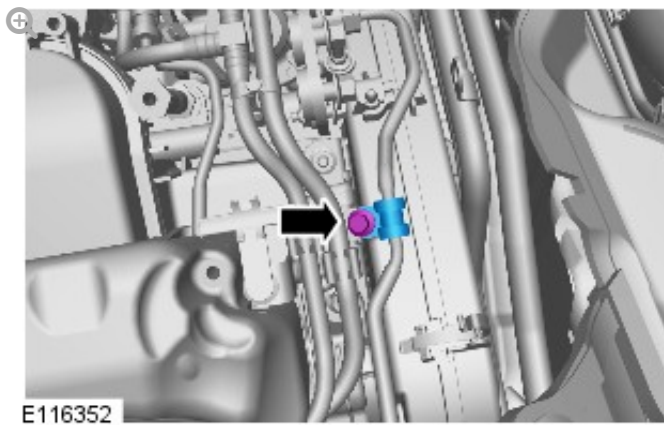
Tighten the high-pressure fuel line union to 30Nm.

27.



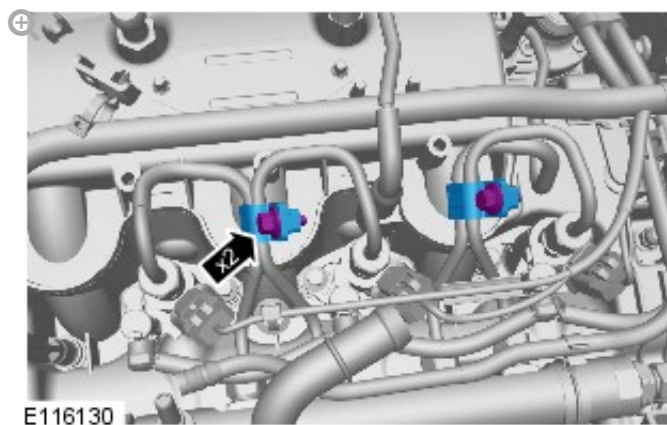
*Torque: 10 Nm*

28.



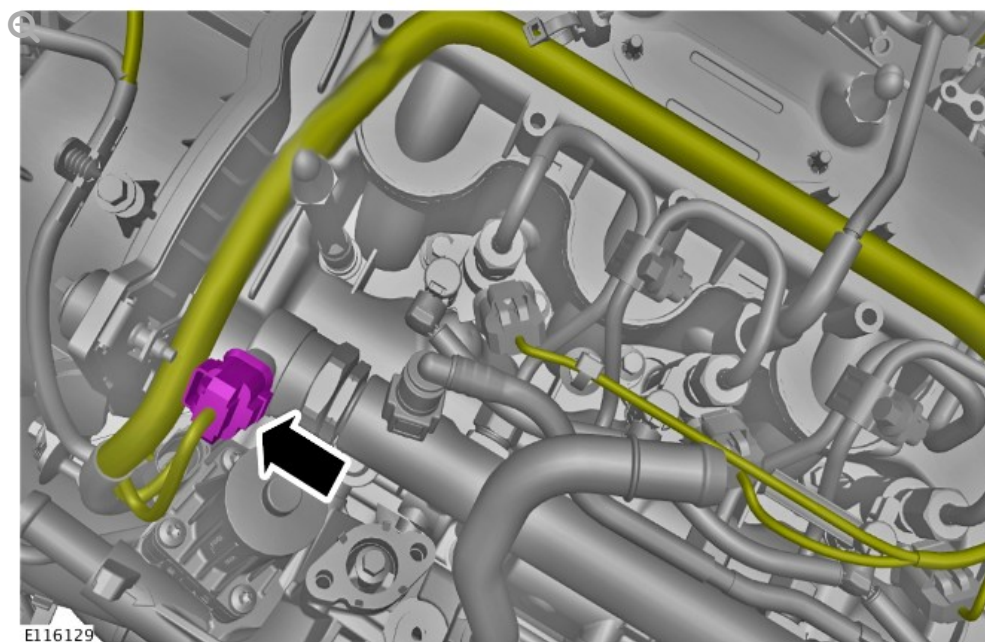
*Torque: 10 Nm*

29.

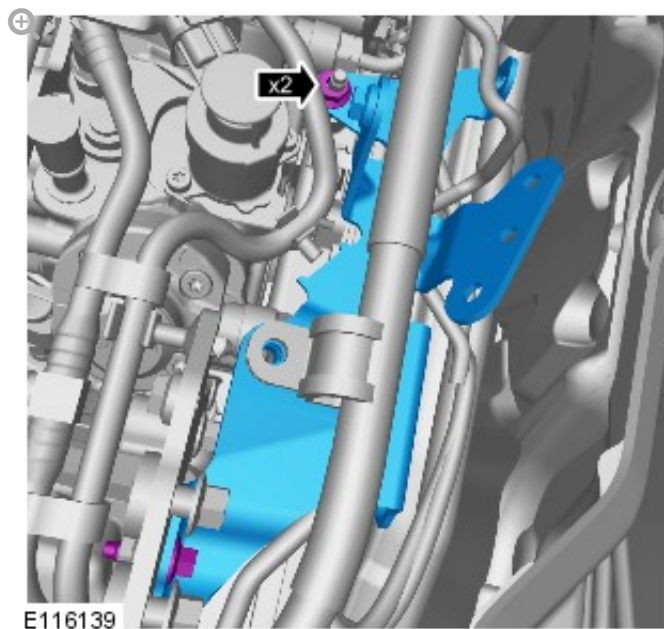


*Torque: 10 Nm*

30.

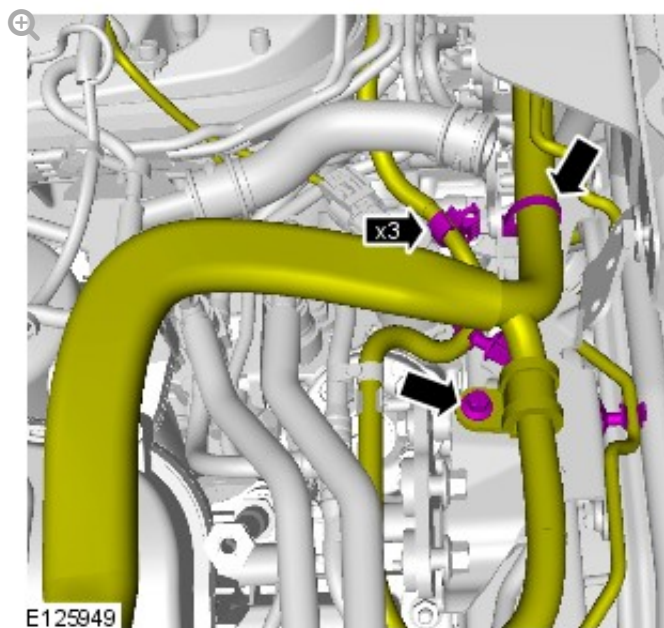


31.



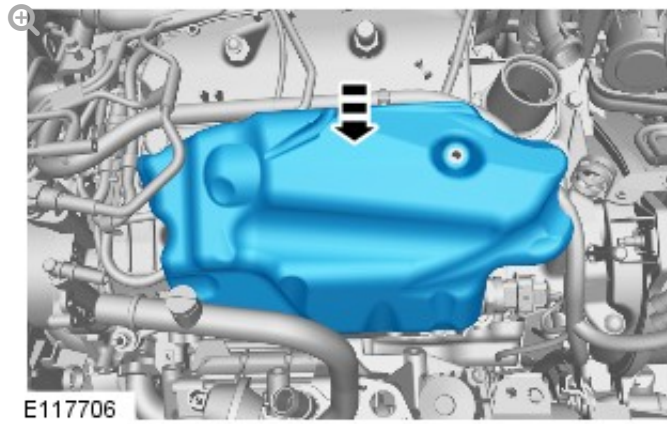
*Torque: 10 Nm*

32.



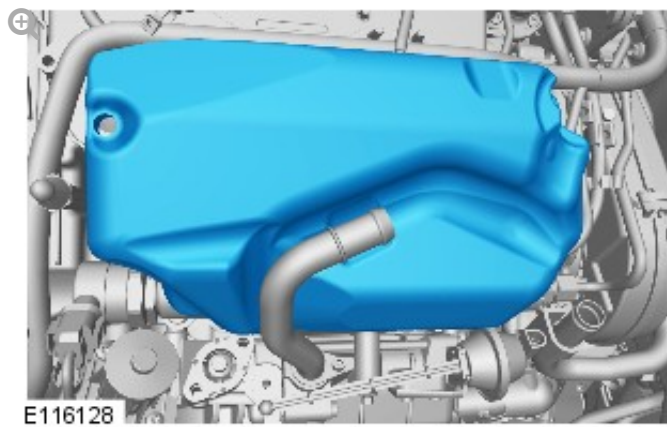
*Torque: 10 Nm*

33.



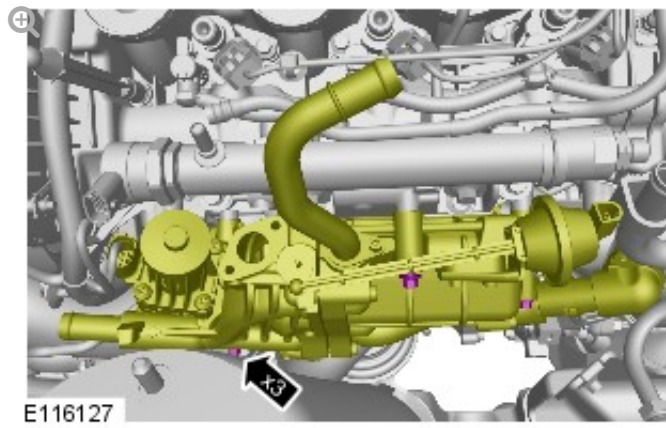
34.

Left-hand shown, right-hand similar.



35.

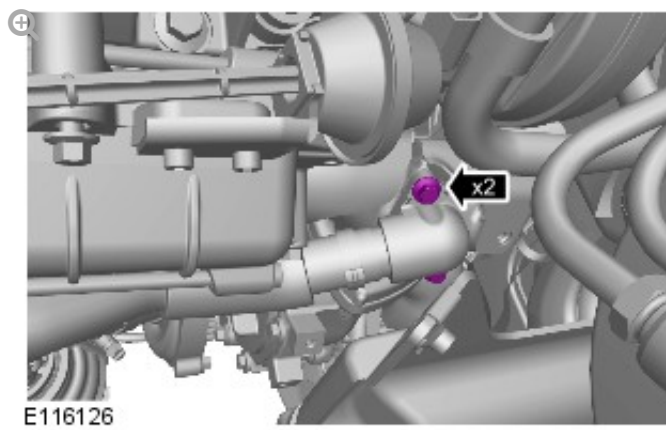
Only tighten the bolts finger-tight at this stage.



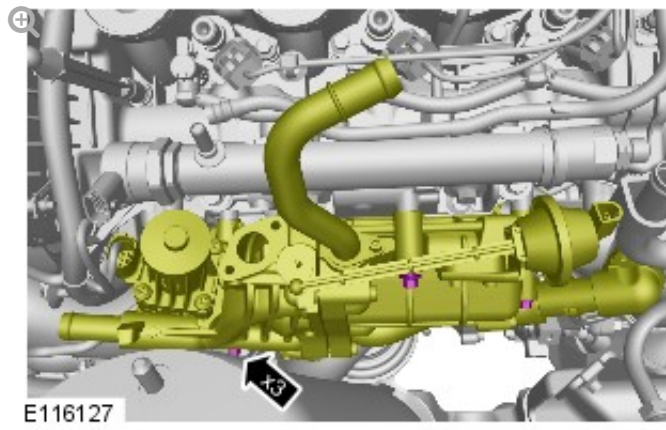
36.

Only tighten the bolts finger-tight at this stage.

Install a new gasket.

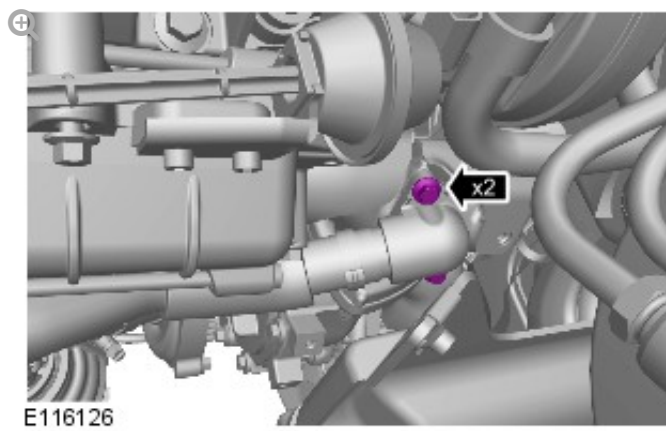


37.



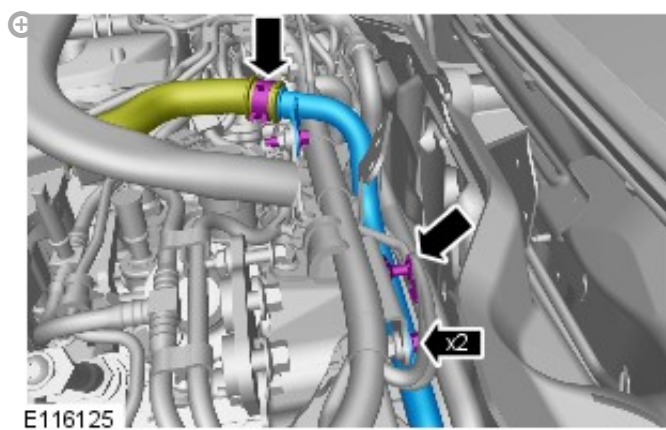
*Torque: 10 Nm*

38.



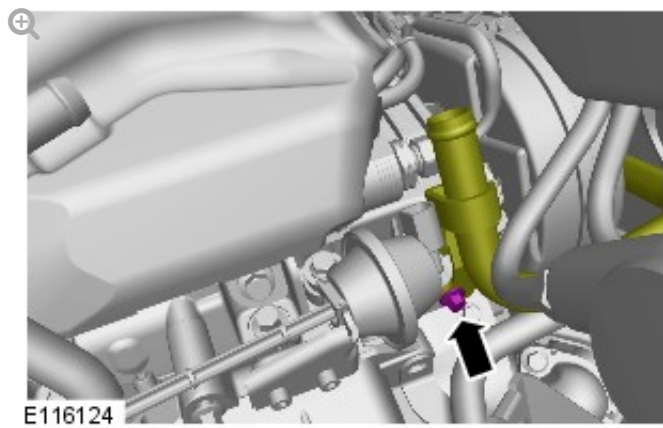
*Torque: 10 Nm*

39.



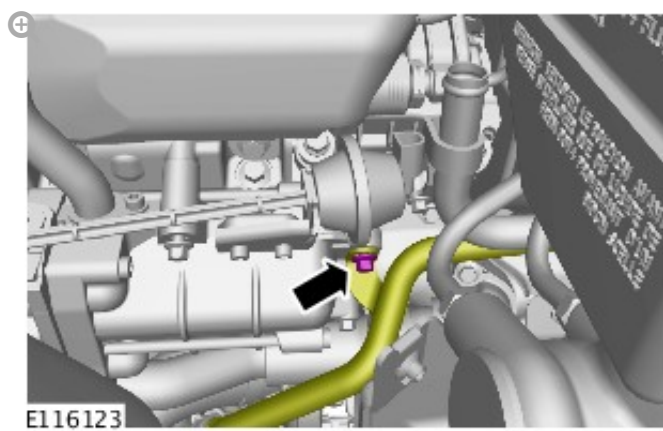
*Torque: 10 Nm*

40.



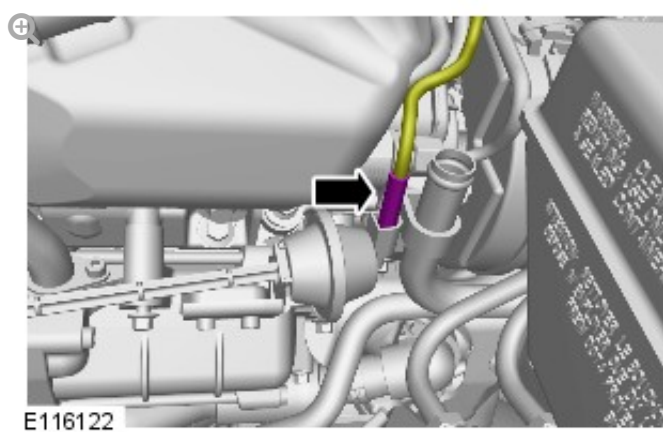
*Torque: 10 Nm*

41.

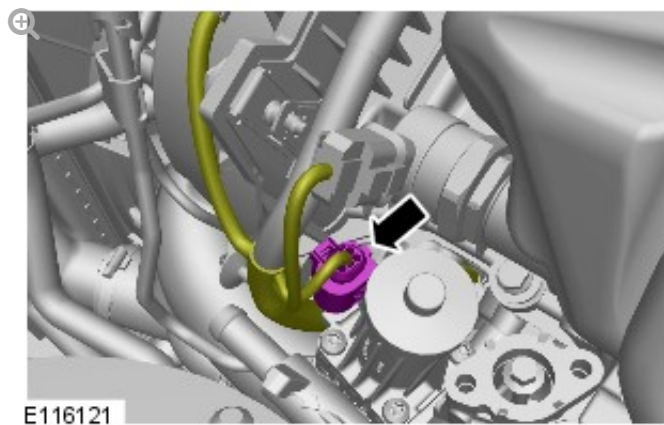


*Torque: 10 Nm*

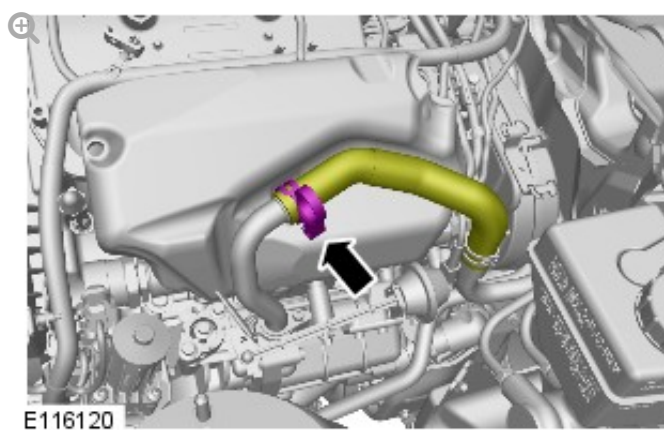
42.



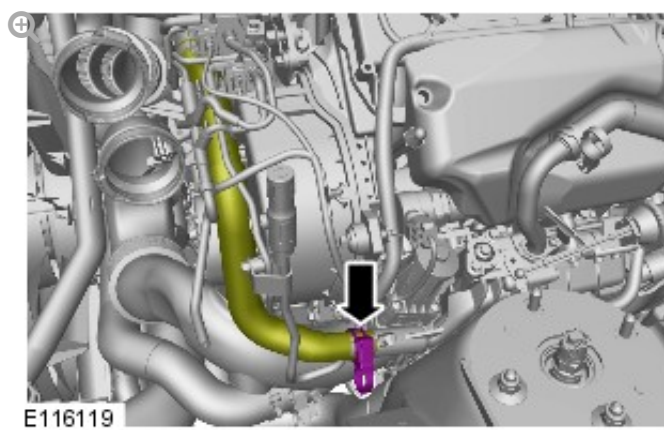
43.



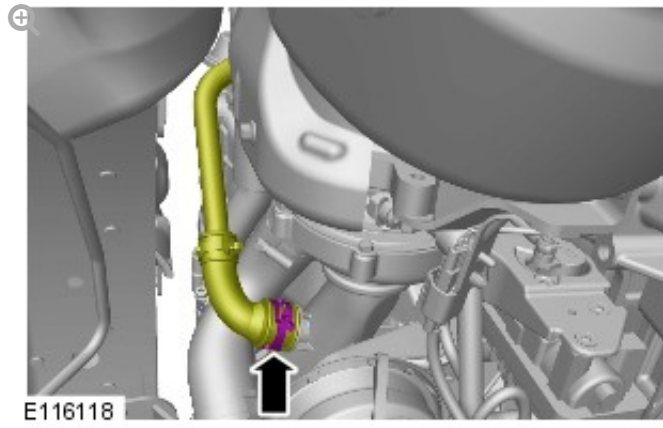
44.



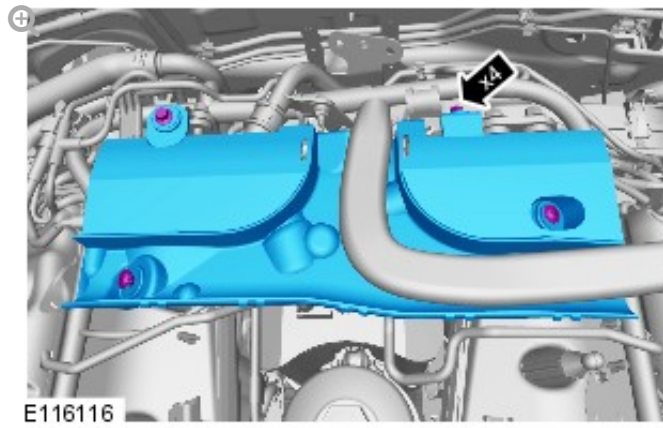
45.



46.

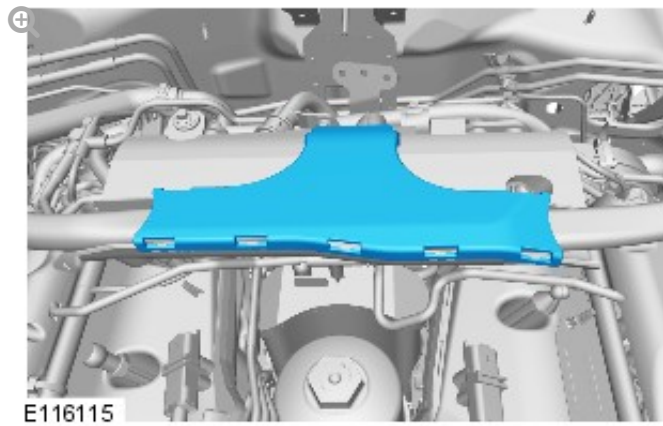


47.

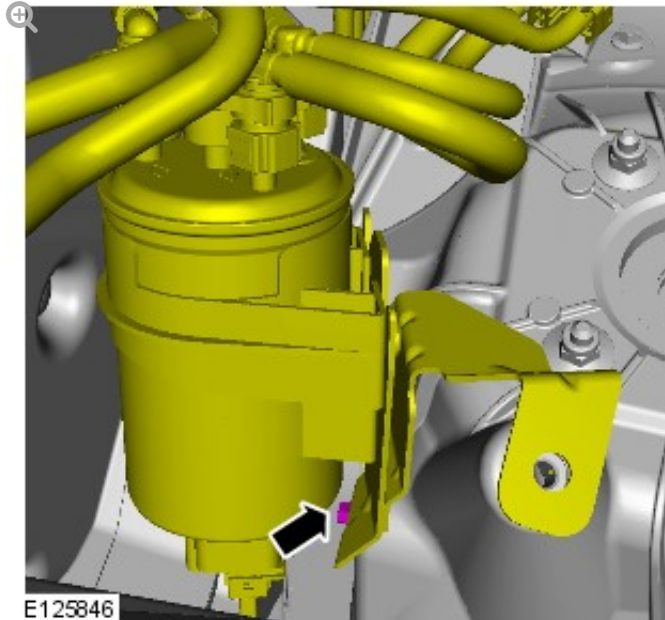


*Torque: 10 Nm*

48.



49.



*Torque: 27 Nm*

50. Refer to: [Left Exhaust Gas Recirculation Valve Outlet Tube](#) (303-08A Engine Emission Control - TDV6 3.0L Diesel, Removal and Installation).
51. Refer to: [Secondary Bulkhead Left Panel](#) (501-02 Front End Body Panels, Removal and Installation).
52. Refer to: [Air Cleaner](#) (303-12A Intake Air Distribution and Filtering - TDV6 3.0L Diesel, Removal and Installation).
53. Refer to: [Cooling System Partial Draining and Vacuum Filling](#) (303-03A Engine Cooling - TDV6 3.0L Diesel, General Procedures).
54. Refer to: [Air Deflector](#) (501-02 Front End Body Panels, Removal and Installation).
55. Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).



## ENGINE EMISSION CONTROL - TDV6 3.0L DIESEL

# LEFT EXHAUST GAS RECIRCULATION VALVE OUTLET TUBE [G1271859]

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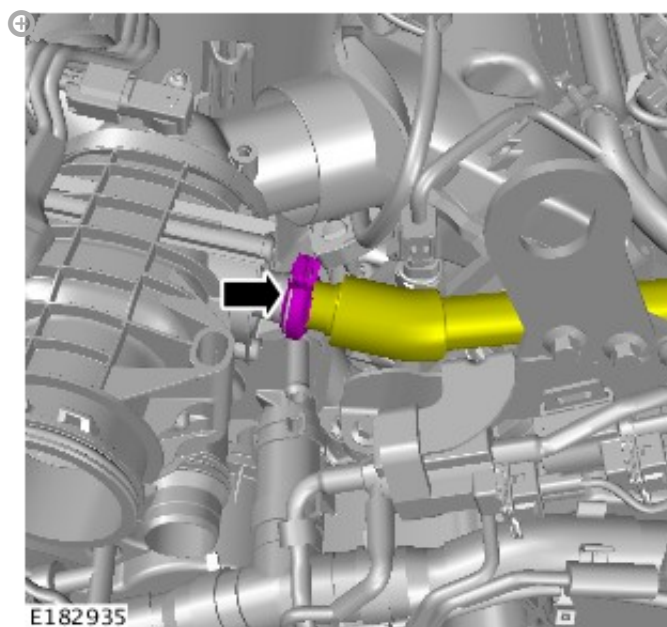
### REMOVAL

Some variation in the illustrations may occur, but the essential information is always correct.

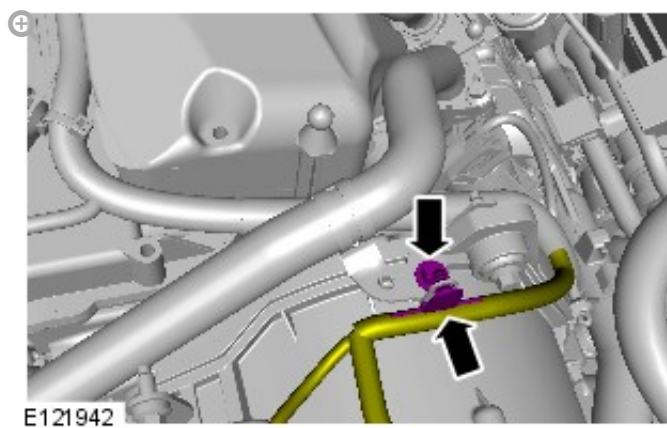
1. Refer to: [Engine Cover - TDV6 3.0L Diesel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

2.

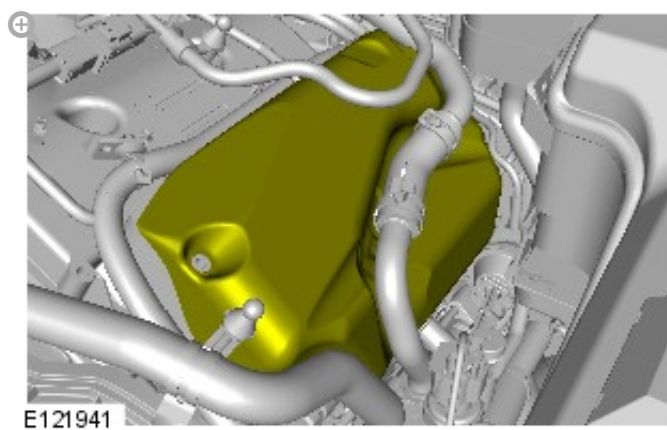
Discard the retaining clips.



3.



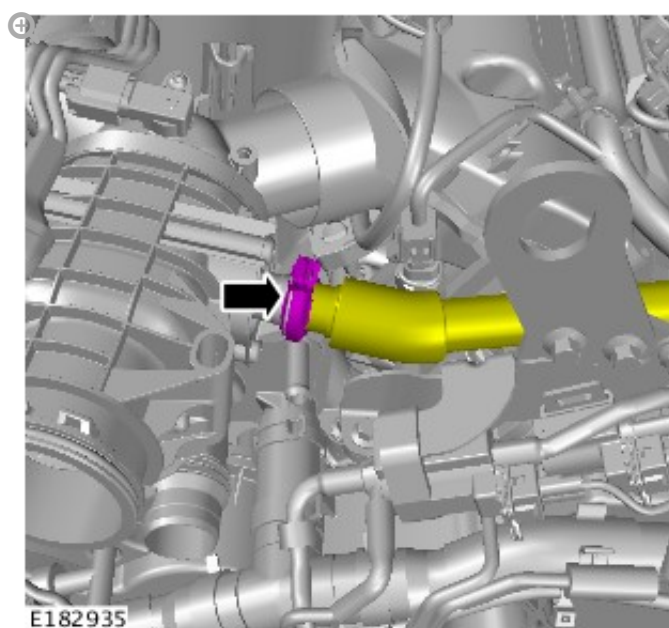
4.



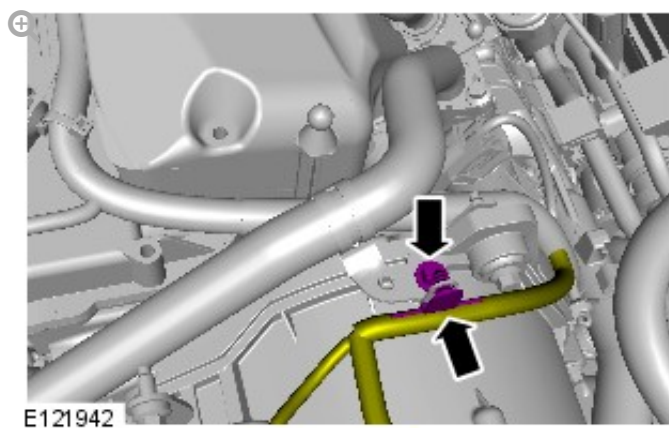
## INSTALLATION

1.

Install a new clamp. Close the clamp to the first audible click by hand. Making sure that the clamp is in a central position to the joint, close to the second audible click using a suitable tool.

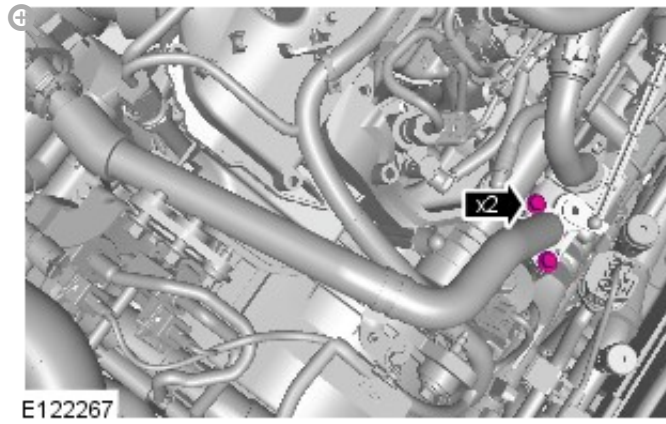


2.



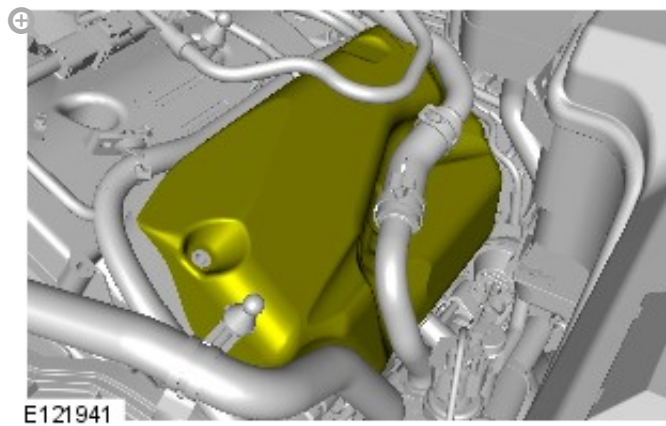
*Torque:* **5 Nm**

3.



*Torque: 10 Nm*

4.



5. Refer to: [Engine Cover - TDV6 3.0L Diesel](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).

## ENGINE EMISSION CONTROL - TDV6 3.0L DIESEL

# RIGHT EXHAUST GAS RECIRCULATION VALVE [G1272065]

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### REMOVAL

Some variation in the illustrations may occur, but the essential information is always correct.

1. Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).

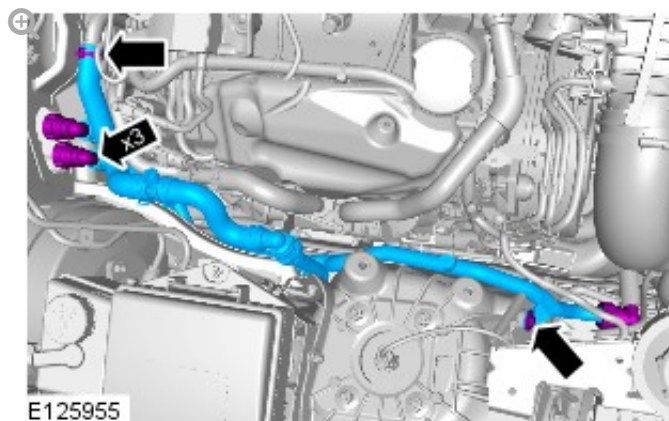
2.

Make sure to support the vehicle with axle stands.

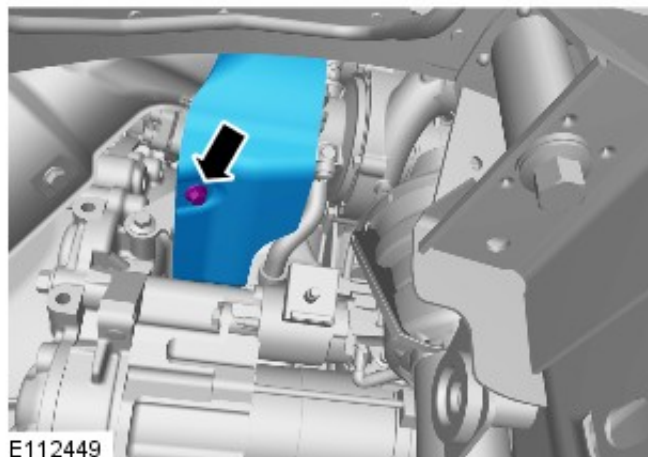
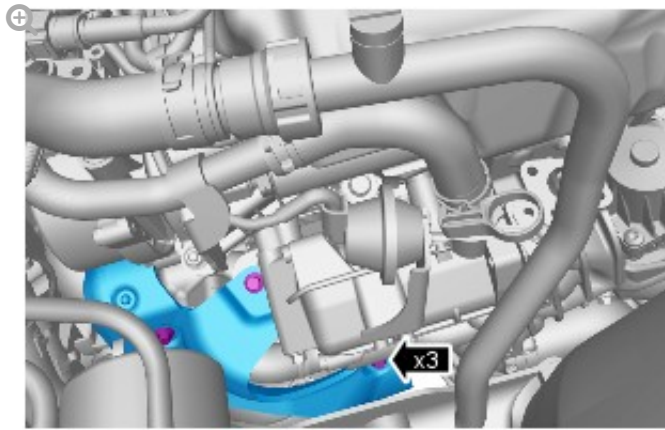
Raise and support the vehicle.

3. Refer to: [Air Deflector](#) (501-02 Front End Body Panels, Removal and Installation).
4. Refer to: [Secondary Bulkhead Right Panel](#) (501-02 Front End Body Panels, Removal and Installation).
5. Refer to: [Right Exhaust Gas Recirculation Valve Outlet Tube](#) (303-08A Engine Emission Control - TDV6 3.0L Diesel, Removal and Installation).
6. Refer to: [Cooling System Partial Draining and Vacuum Filling](#) (303-03A Engine Cooling - TDV6 3.0L Diesel, General Procedures).
- 7.

Be prepared to collect escaping coolant.

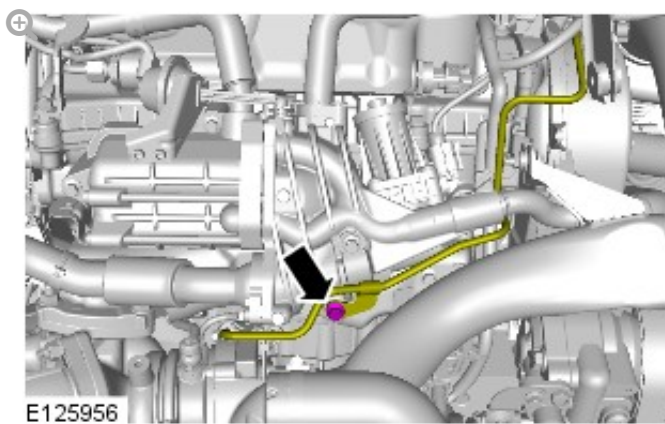


8.

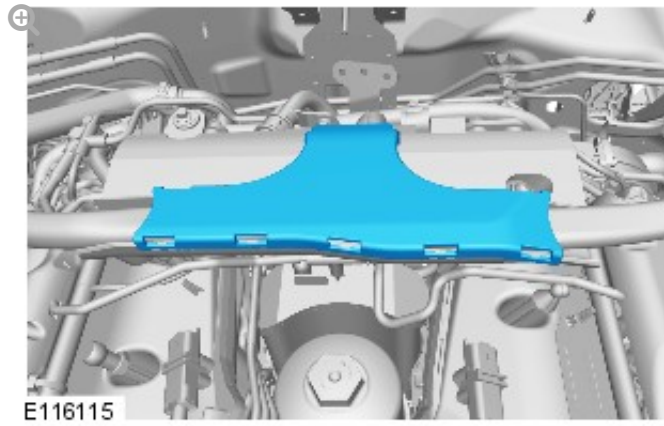


9.

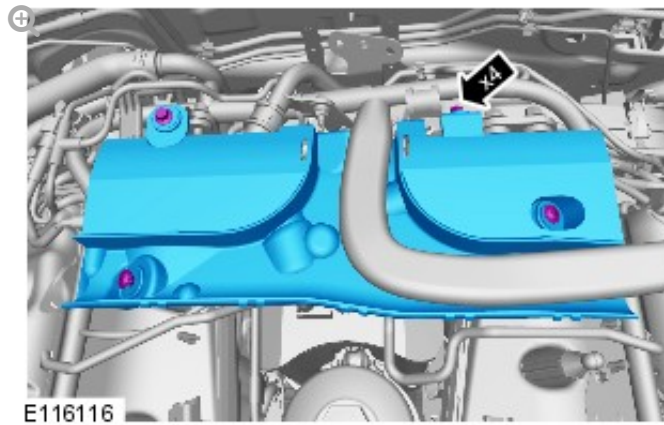
Engine shown removed for clarity.



10.

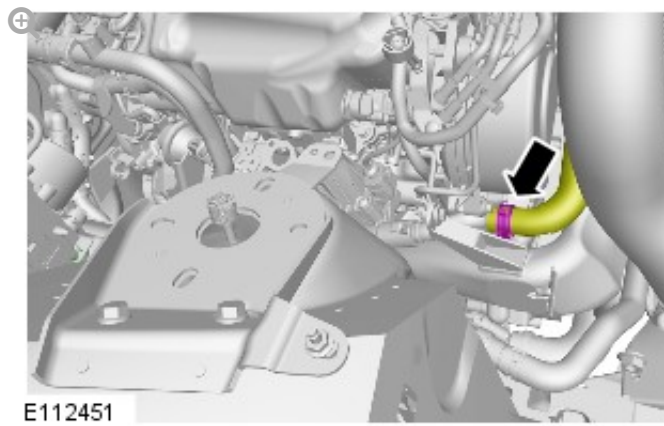


11.



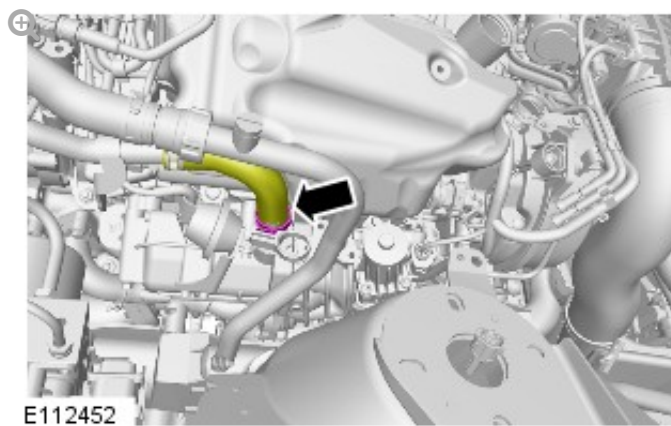
12.

Be prepared to collect escaping coolant.

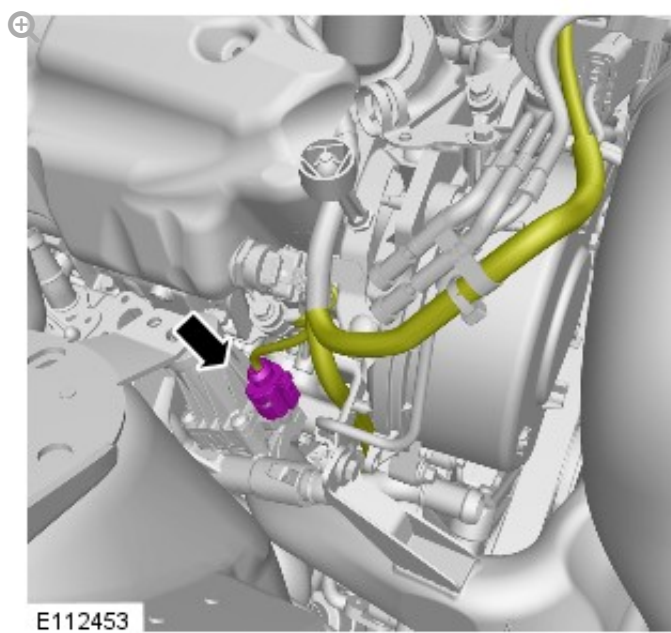


13.

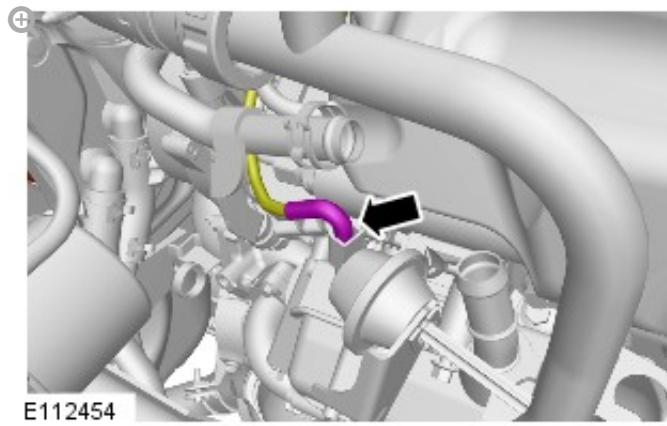
Be prepared to collect escaping coolant.



14.



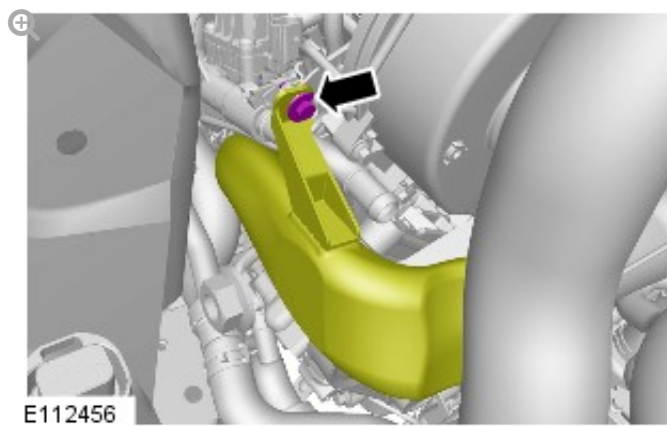
15.



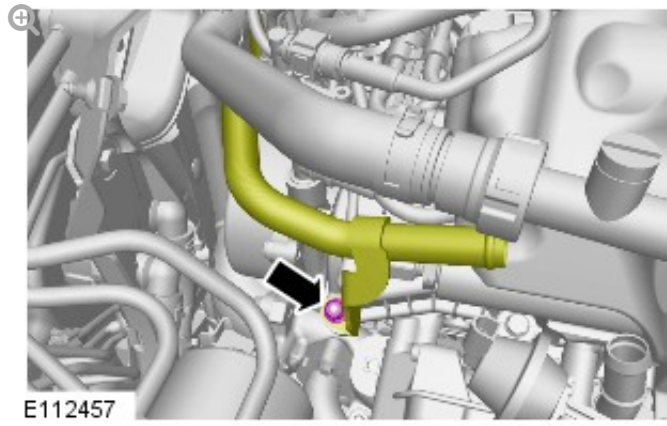
16.



17.

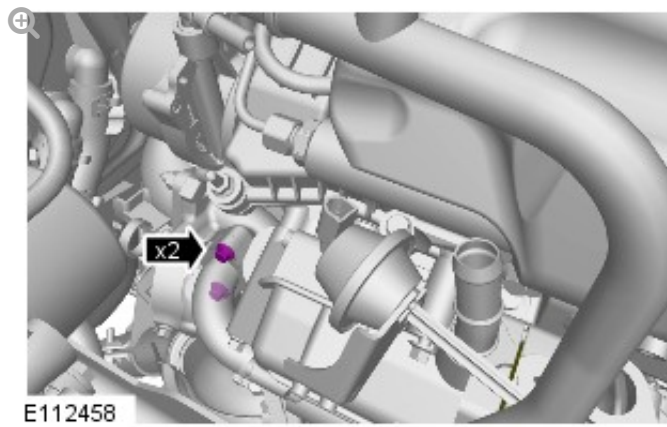


18.

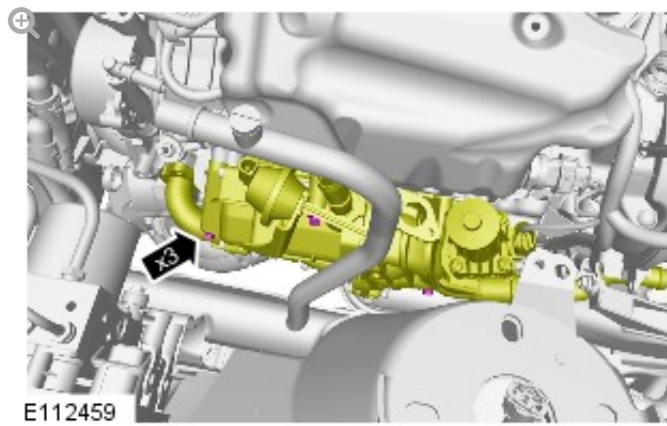


19.

Discard the gasket.

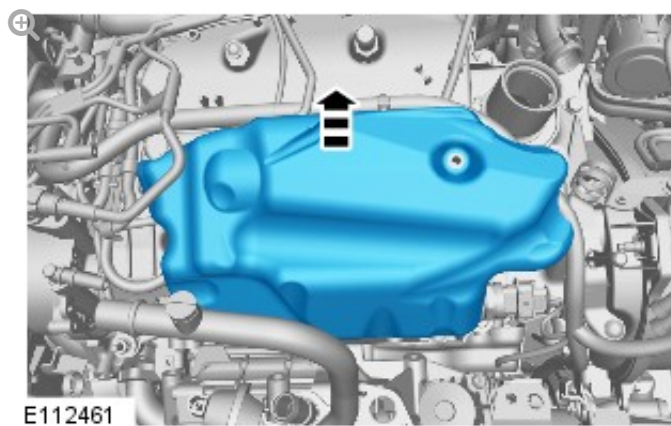


20.

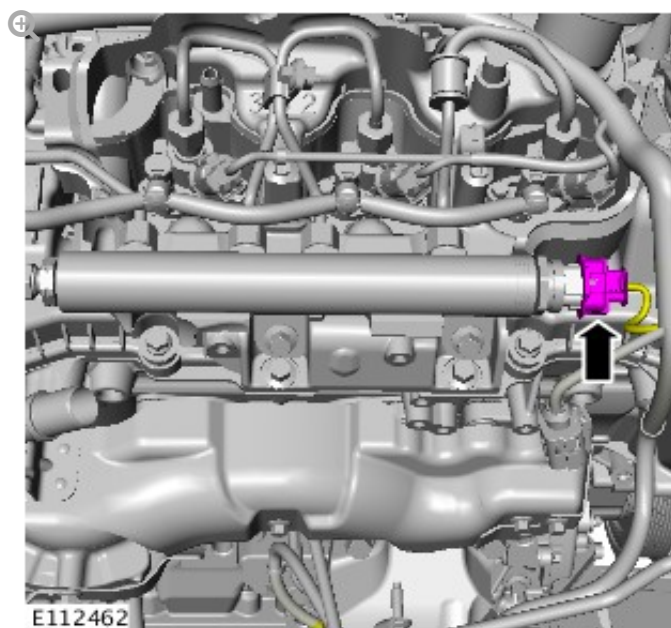


21.

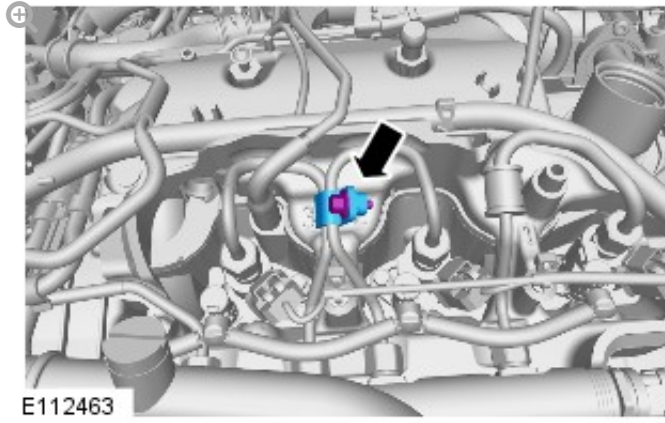
Left-hand shown, right-hand similar.



22.



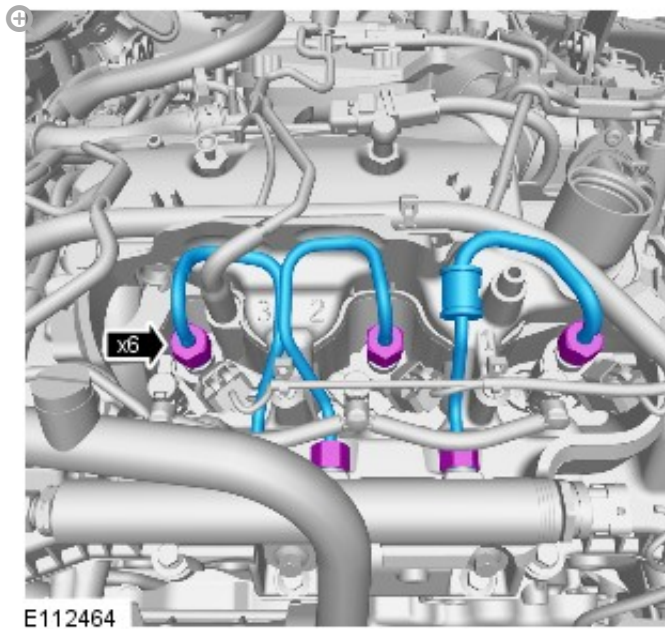
23.



24. Refer to: [Fuel Injection Component Cleaning](#) (303-04A Fuel Charging and Controls - TDV6 3.0L Diesel, General Procedures).

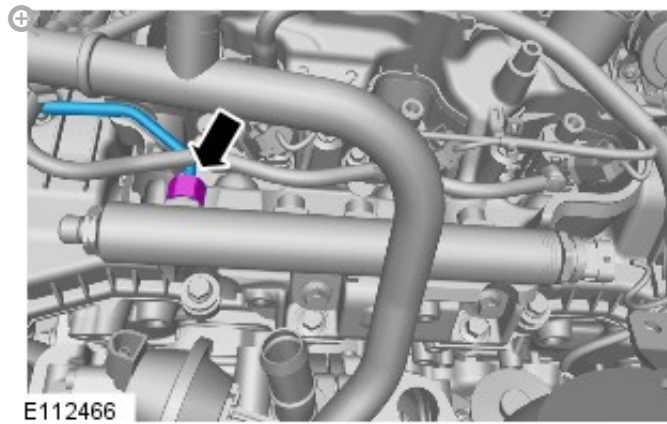
25.

- Be prepared to collect escaping fuel.
- Discard the component.



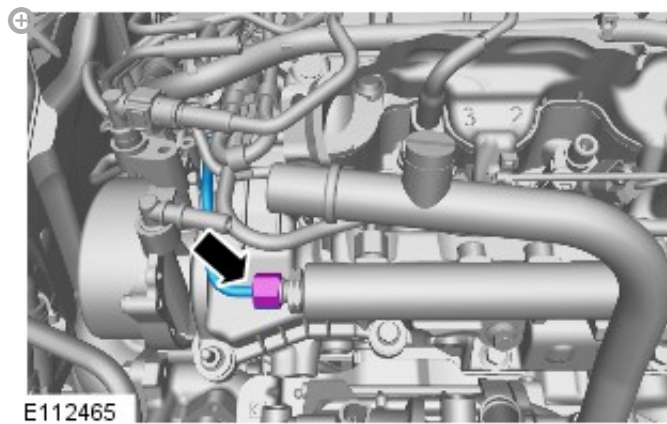
26.

Be prepared to collect escaping fuel.



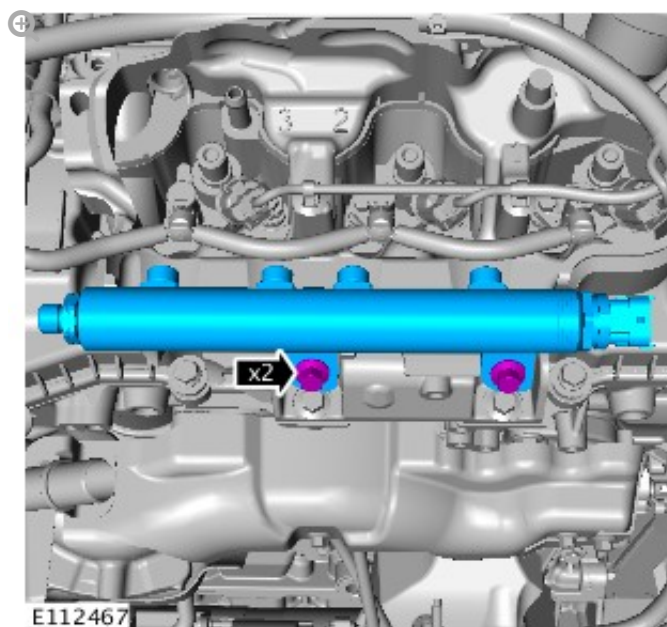
27.

Be prepared to collect escaping fuel.

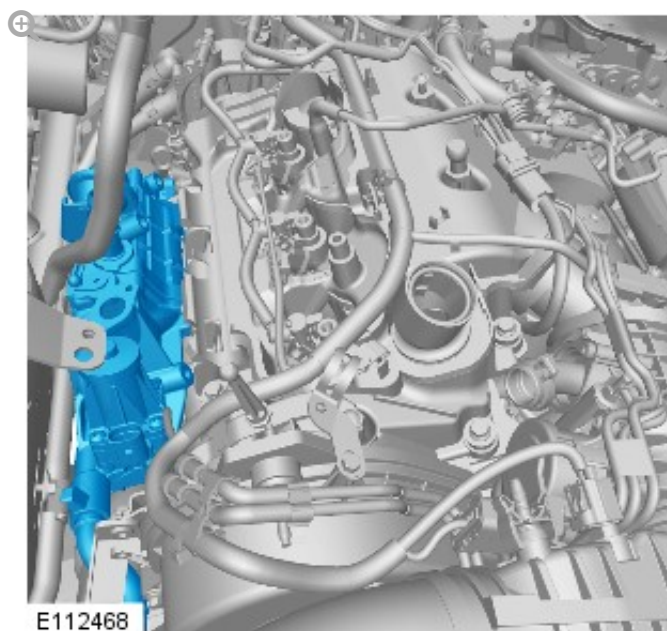


28.

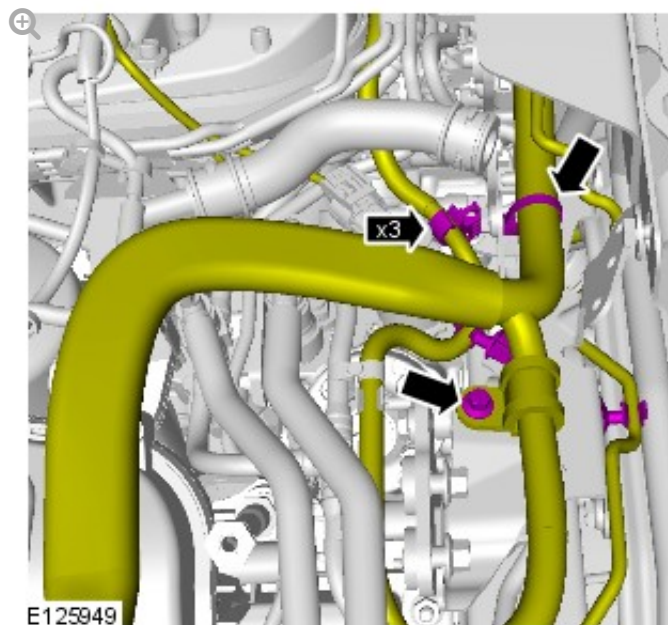
Be prepared to collect escaping fuel.



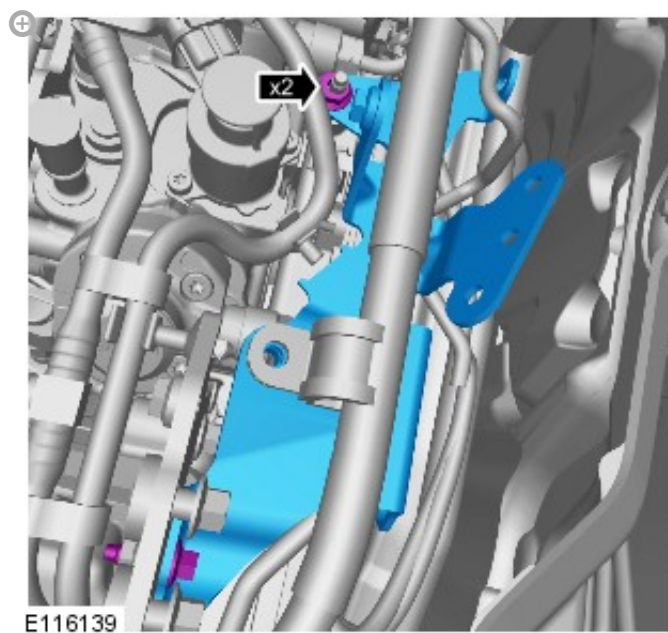
29.



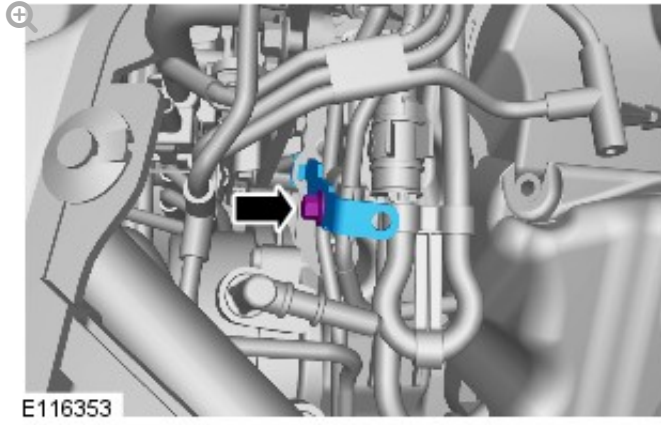
30.



31.

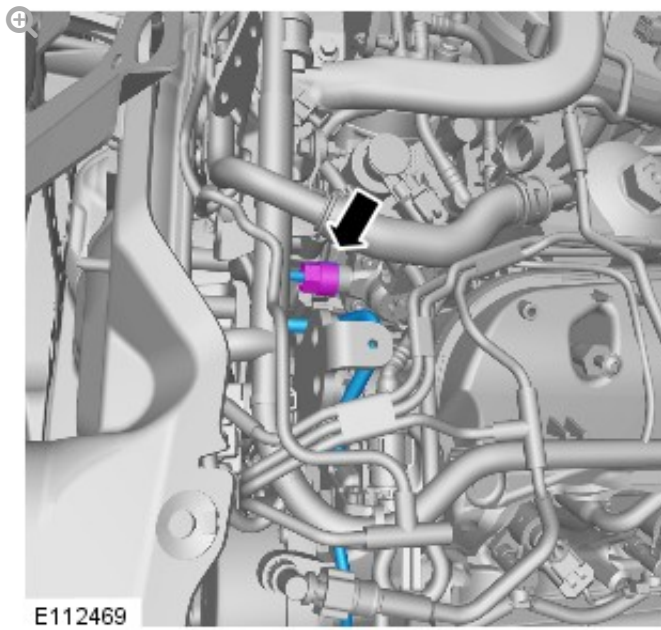


32.

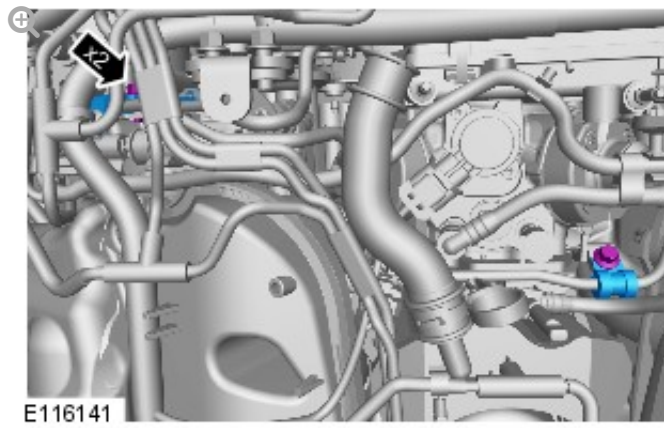


33.

- Be prepared to collect escaping fuel.
- Discard the component.

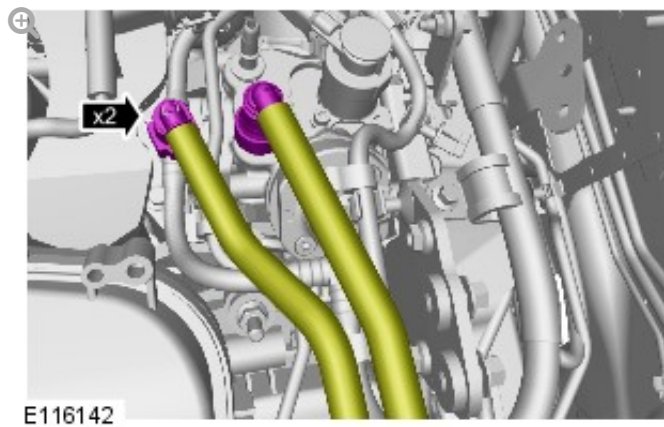


34.



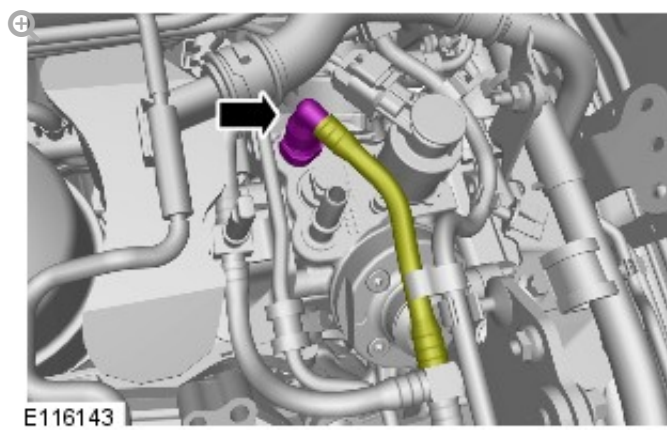
35.

Be prepared to collect escaping fuel.

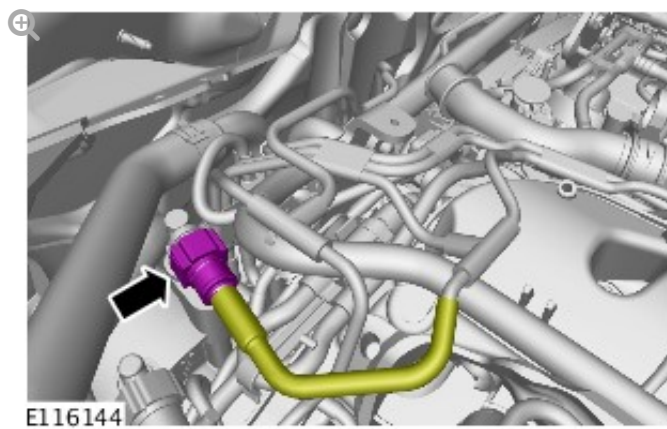


36.

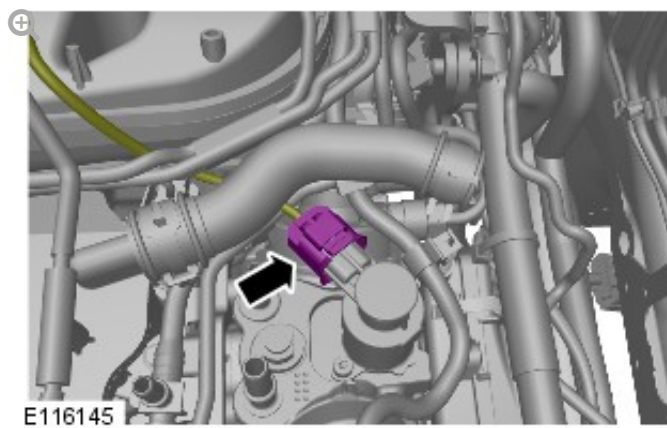
Be prepared to collect escaping fuel.



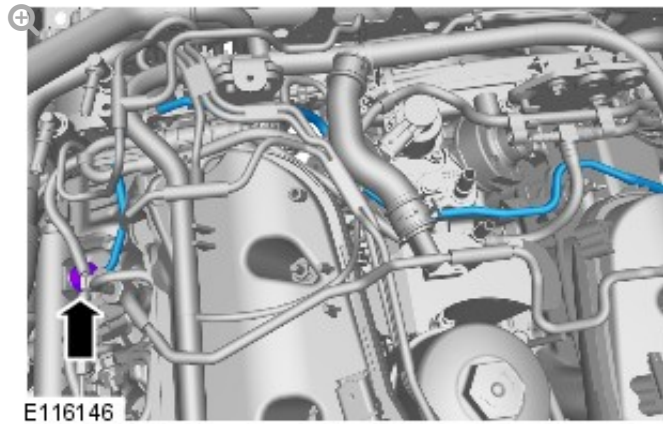
37.



38.



- Be prepared to collect escaping fuel.
- Discard the component.

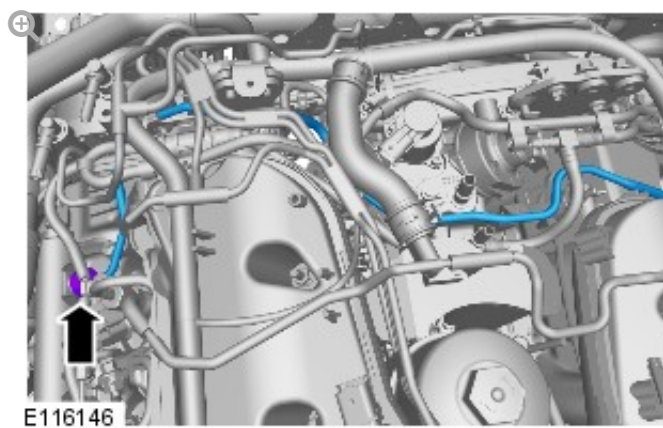


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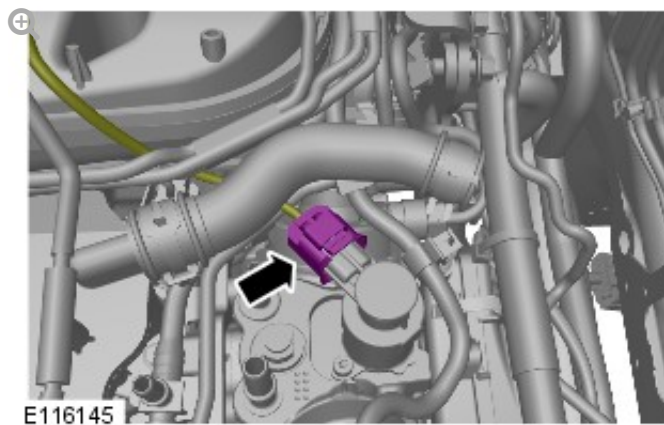
## INSTALLATION

1.

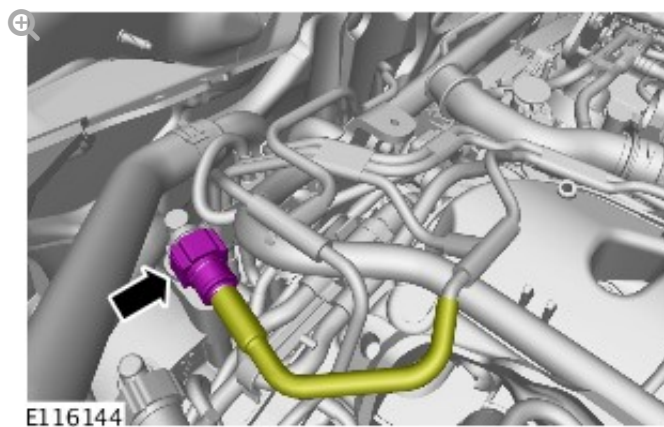
- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.



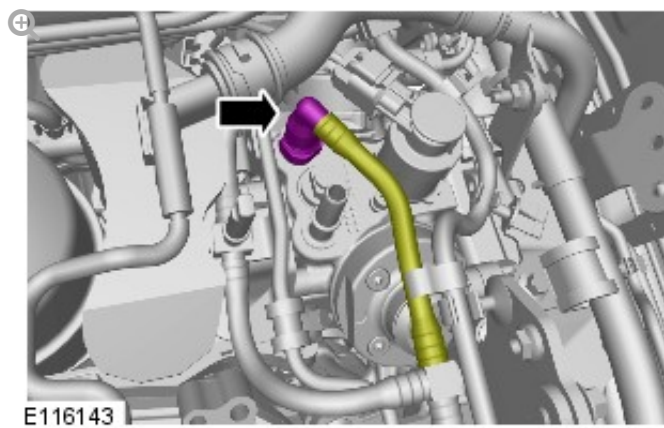
2.



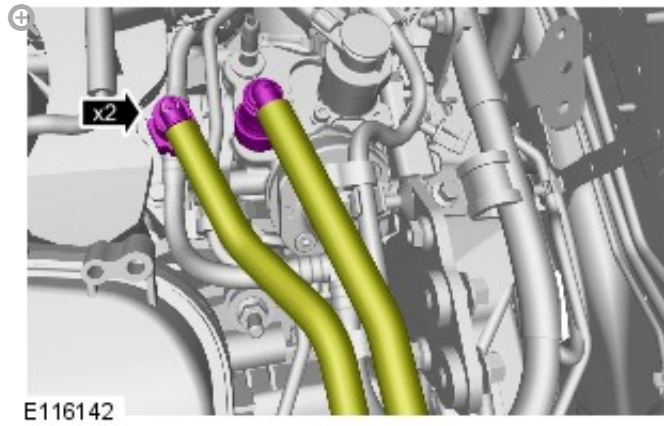
3.



4.

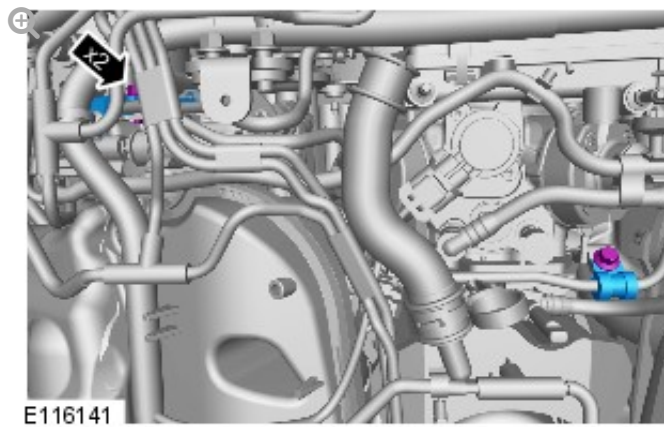


5.



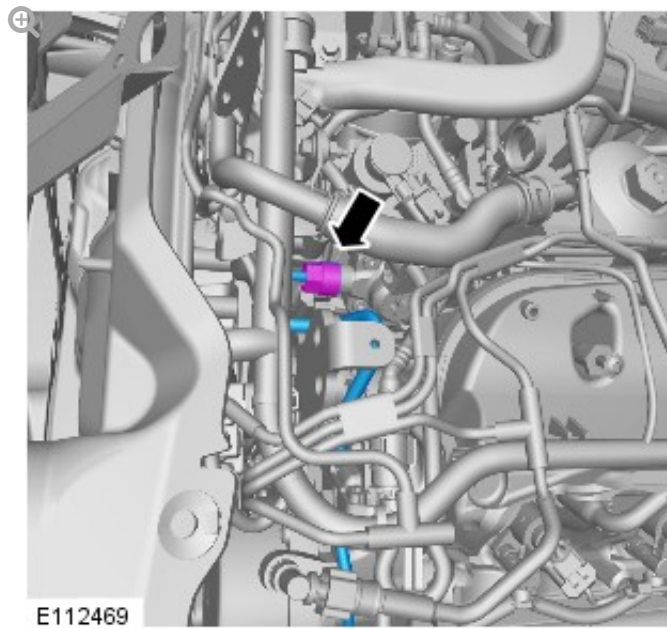
6.

Only tighten the bolt finger-tight at this stage.



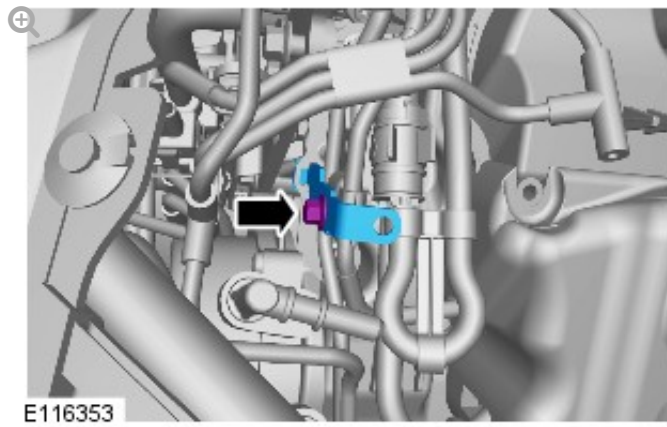
7.

- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.

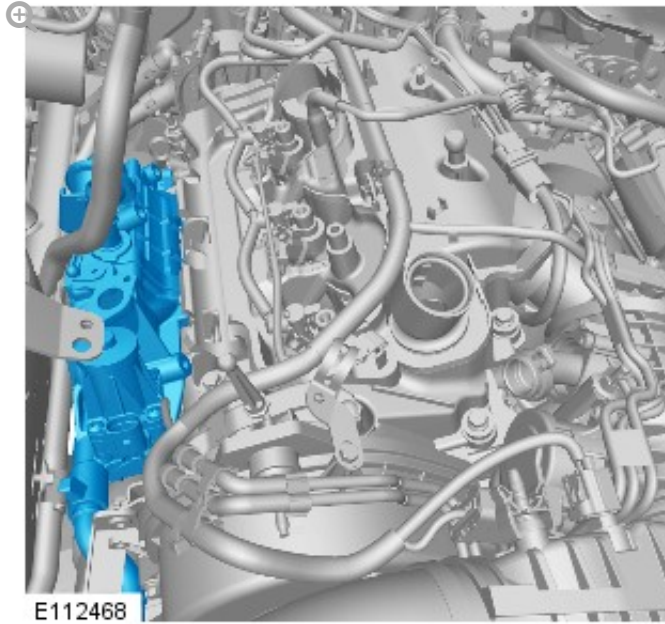


8.

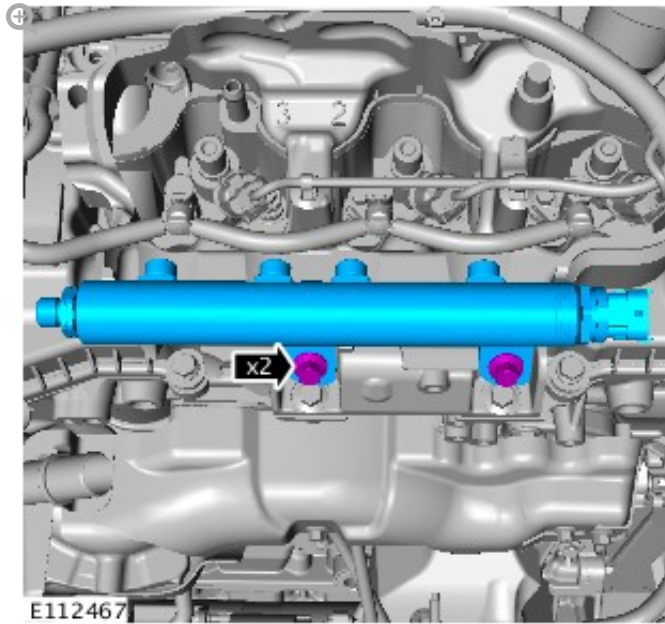
Only tighten the bolt finger-tight at this stage.



9.



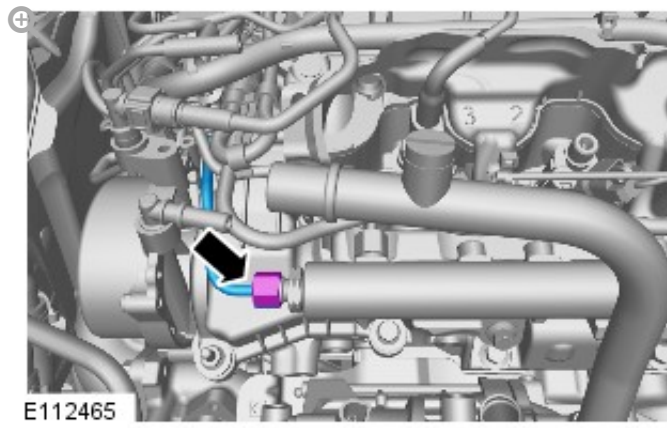
10.



*Torque:* **24 Nm**

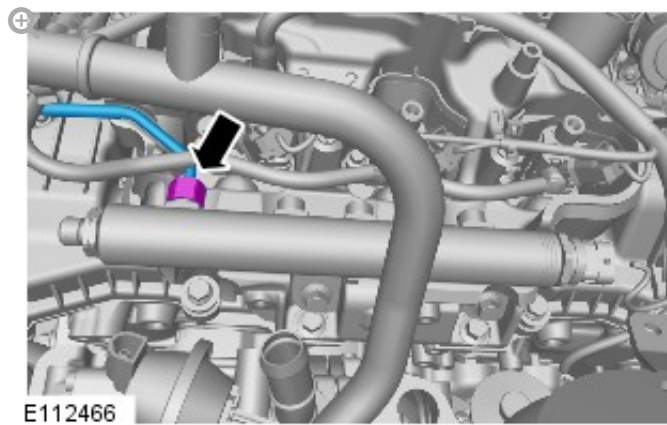
11.

Tighten the fuel supply line unions finger tight.



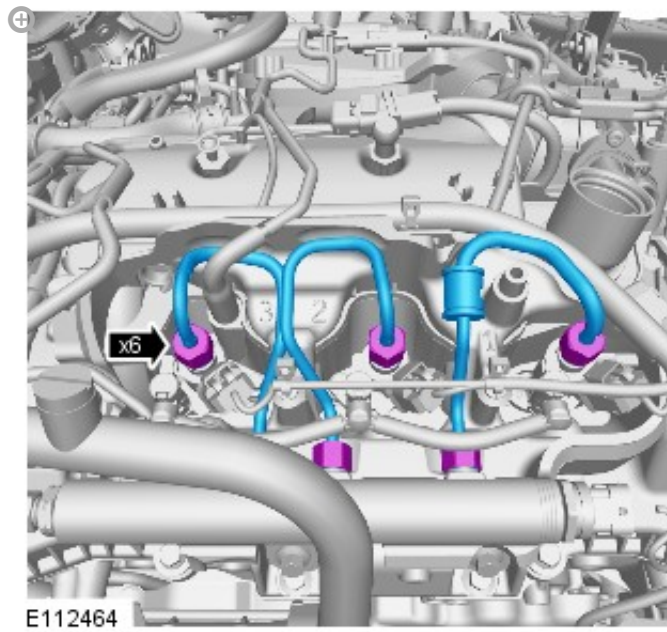
12.

Tighten the fuel supply line unions finger tight.



13.

- Make sure that a new component is installed.
- Tighten the fuel supply line unions finger tight.



14.

Tighten the fuel supply line unions finger tight.

