

## INTAKE AIR DISTRIBUTION AND FILTERING - V8 S/C 5.0L PETROL

### CHARGE AIR COOLER (G1581716)

#### REMOVAL AND INSTALLATION

18.50.20	CHARGE AIR COOLER - ENGINE SET - RENEW	5000 CC, AJ V8	1.8	USED WITHINS
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#### REMOVAL

#### NOTES:

- Removal steps in this procedure may contain installation details.
- Some variation in the illustrations may occur, but the essential information is always correct.

1.

#### WARNING:

Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

2.

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

3.

Refer to: Engine Cover (501-05 Interior Trim and Ornamentation, Removal and Installation).

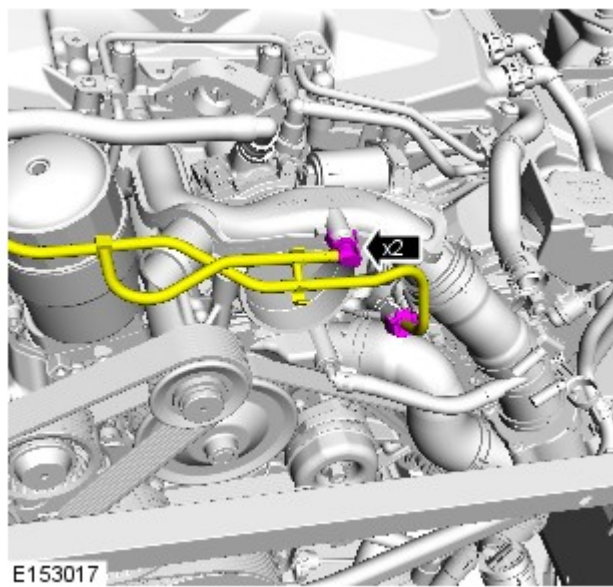
4.

Refer to: Fuel Injection Component Cleaning (303-04 Fuel Charging and Controls - V8 S/C 5.0 L Petrol, General Procedures).

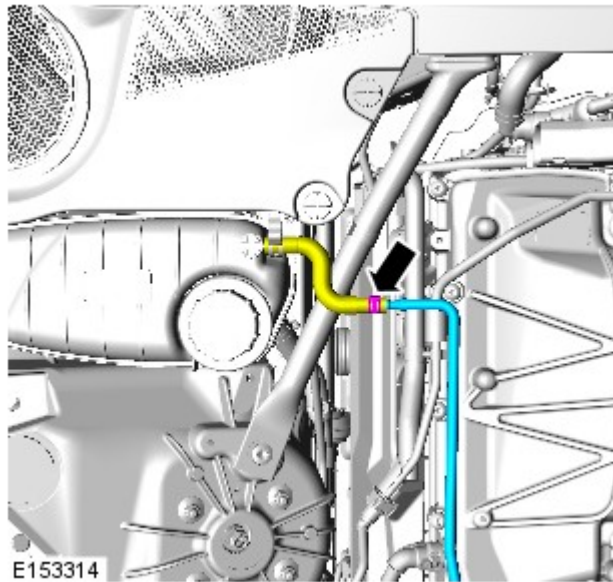
5.

Refer to: Cooling System Partial Draining and Vacuum Filling (303-03 Engine Cooling - V8 S/C 5.0L Petrol, General Procedures).

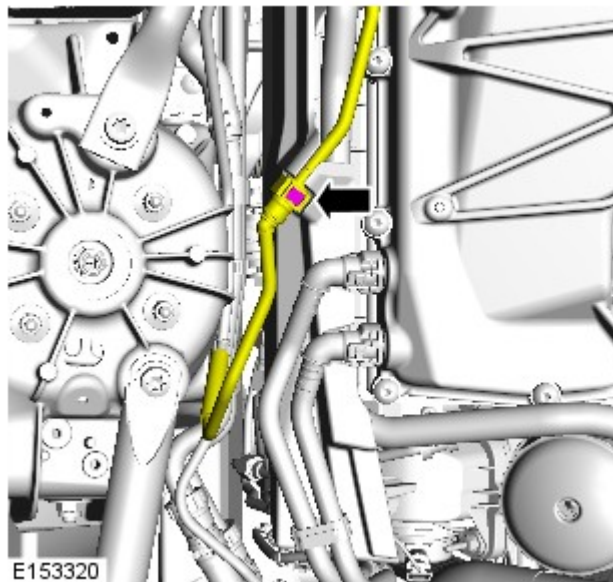
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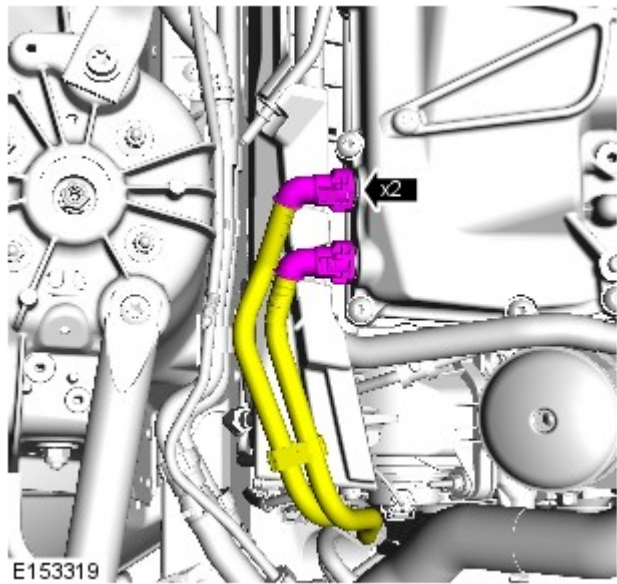
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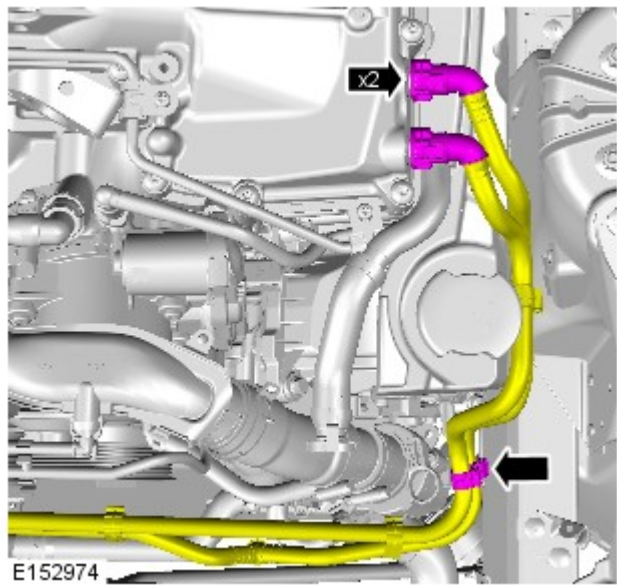
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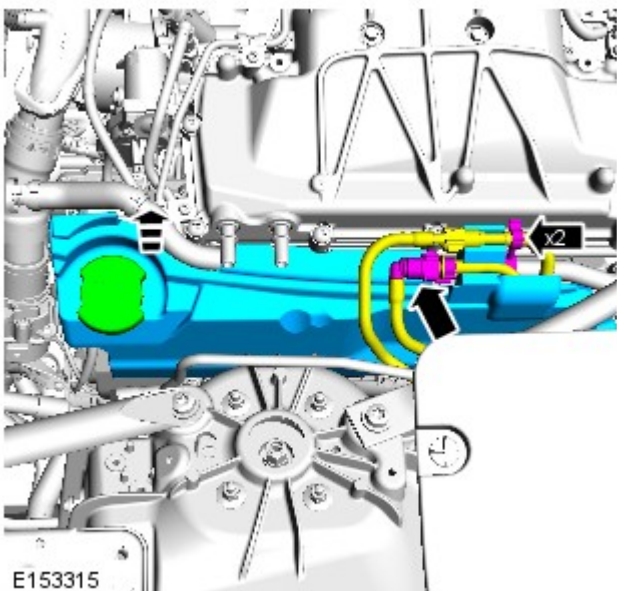
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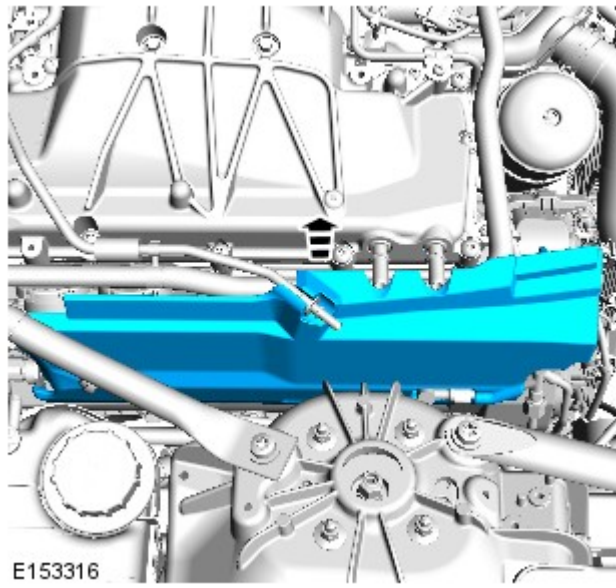
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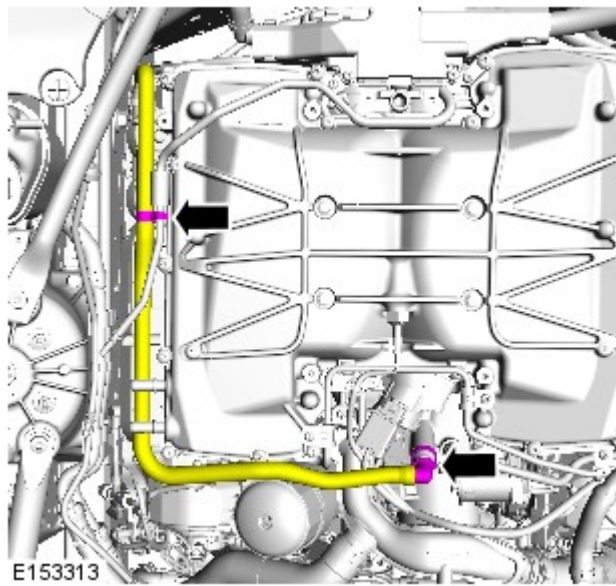
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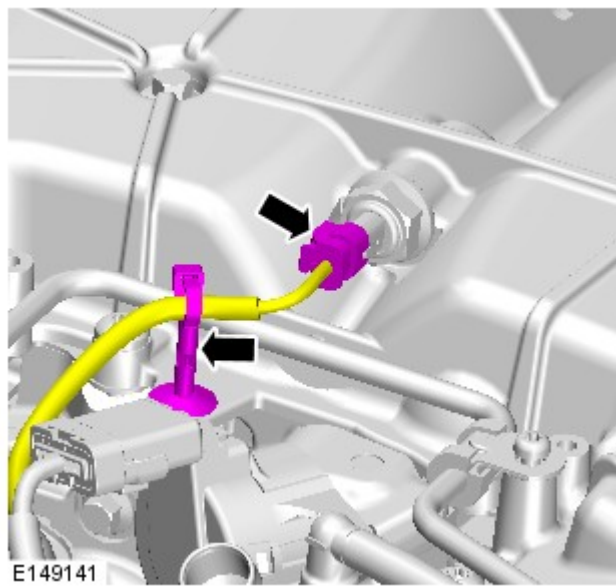
12.



13.



14.

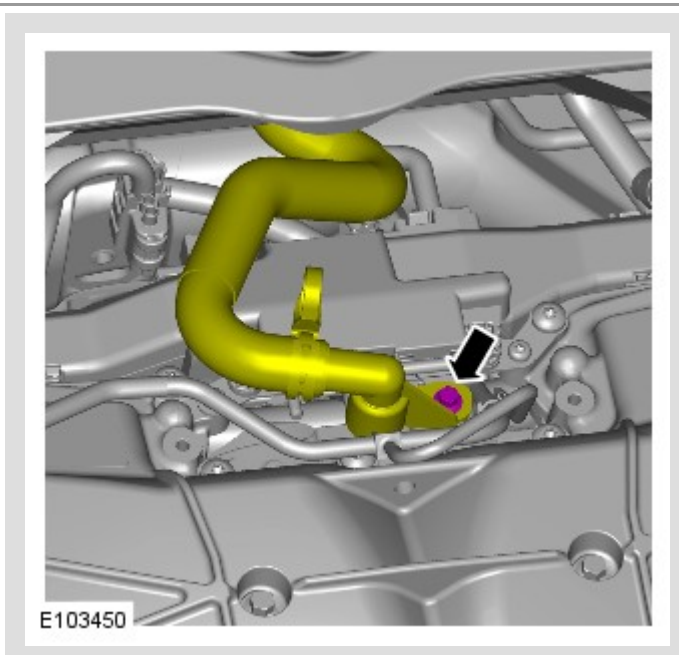
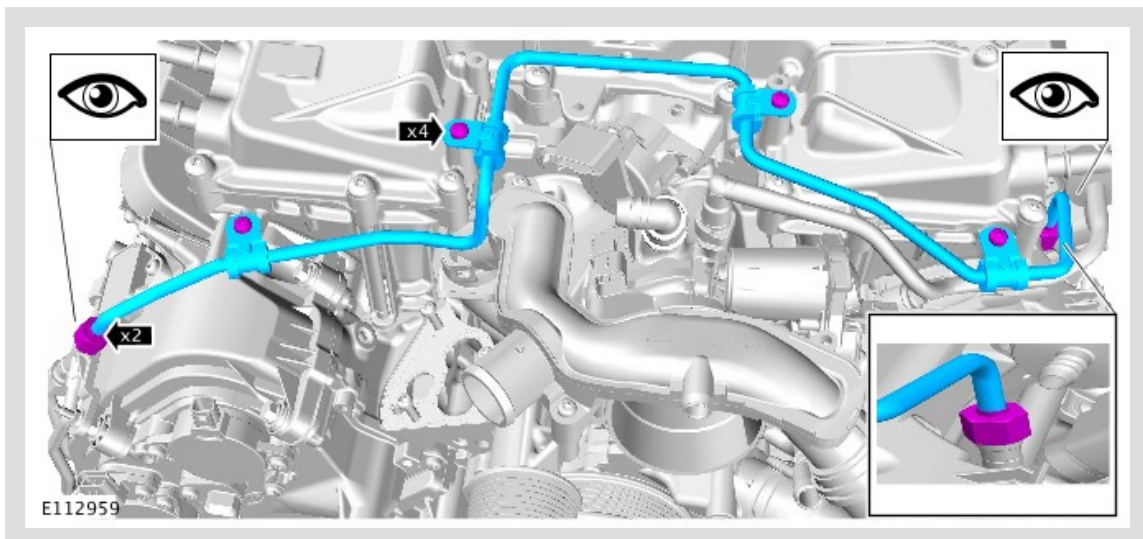


**WARNING:**

Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.

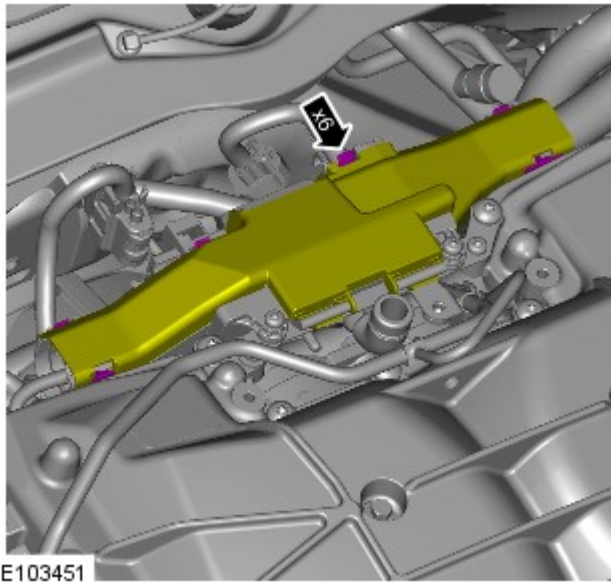
**CAUTIONS:**

- Make sure that the fuel line union does not rotate.
- Be prepared to collect escaping fluids.
- Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.



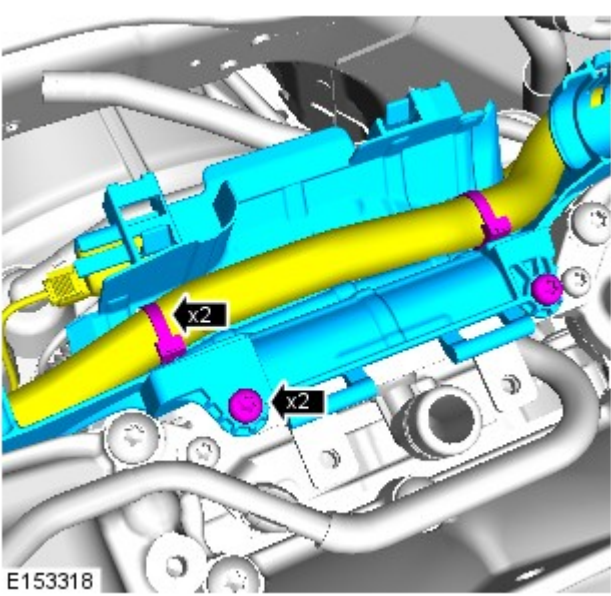
*Torque:* **10 Nm**

17.



E103451

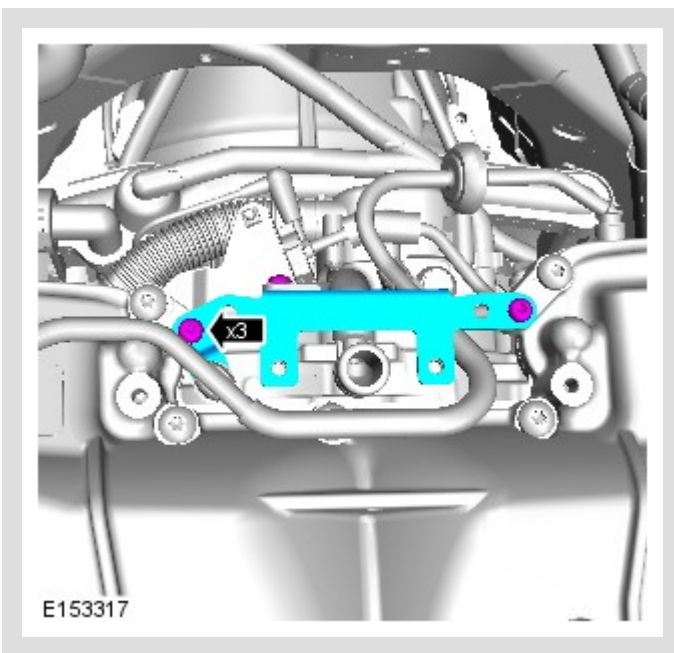
18.



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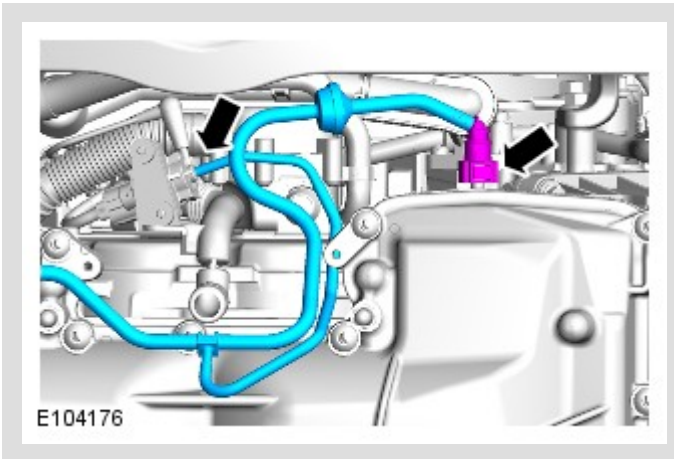
*Torque: 10 Nm*


19.



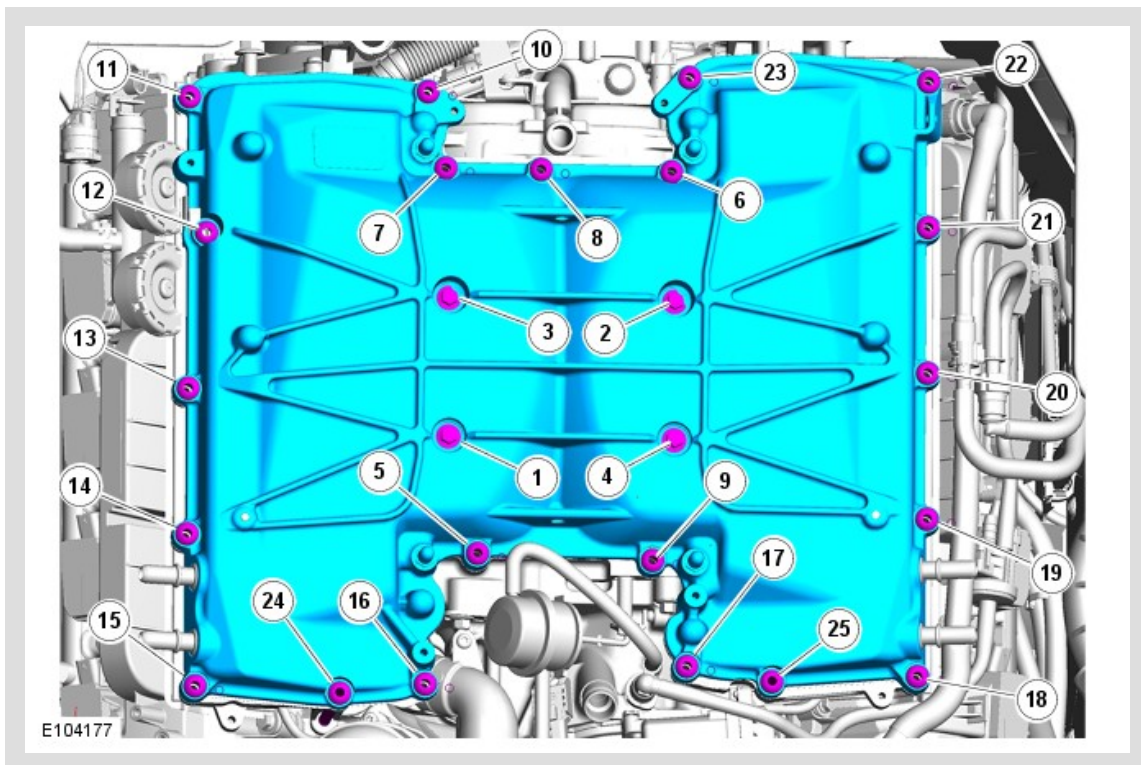
*Torque: 10 Nm*

20.




 NOTE:

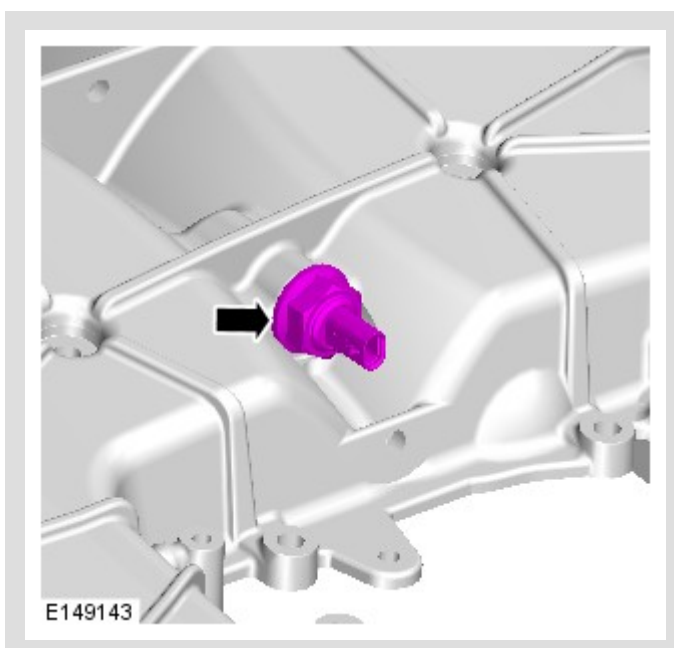
The gasket is to be reused unless damaged.



*Torque: 25 Nm*

 NOTES:

- Do not disassemble further if the component is removed for access only.
- This step is only required if a new component is installed.



*Torque: 24 Nm*



1. To install, reverse the removal procedure.

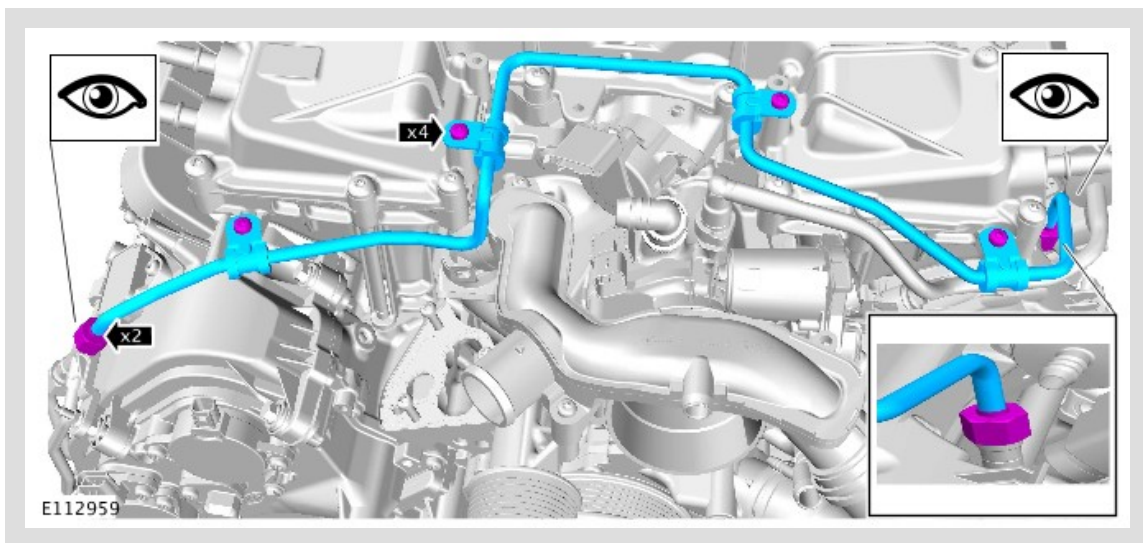
2.

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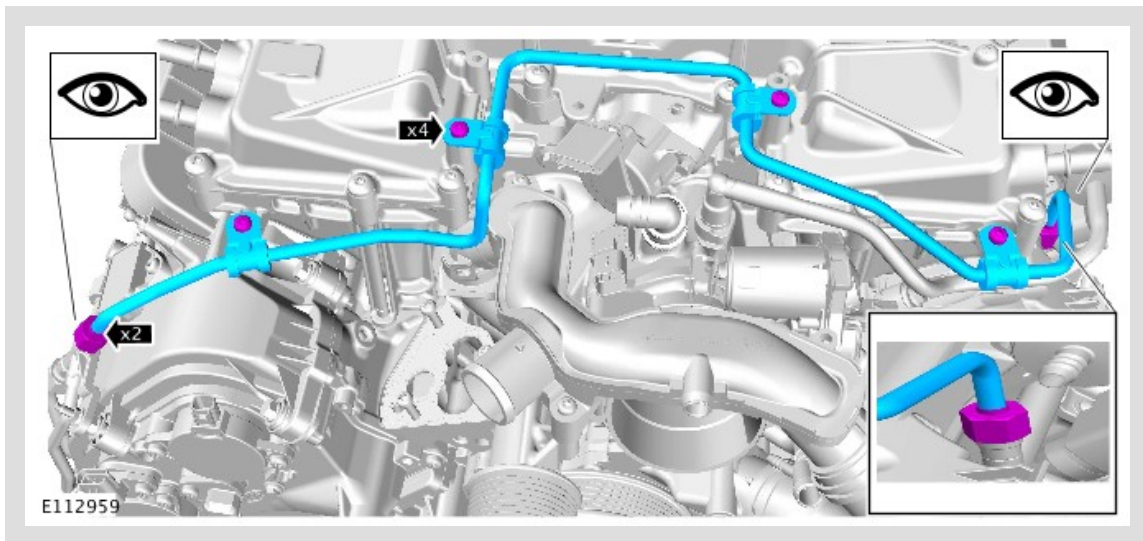
**NOTES:**

- Lubricate the union threads with clean engine oil.
- Do not tighten at this stage.
- Remove and discard the blanking caps.



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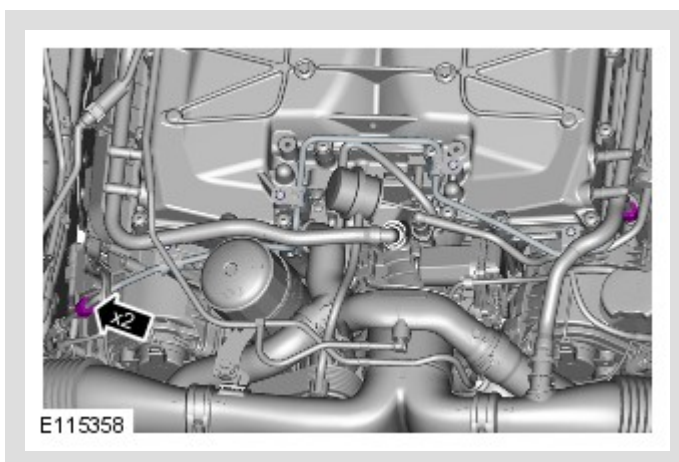
*Torque:*

Union **21 Nm**

M6 **12 Nm**

**WARNINGS:**

- Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.
- After carrying out repairs, the fuel system must be checked visually for leaks. Failure to follow these instructions may result in personal injury.



*Torque:* **21 Nm**

