

Engine Emission Control - TDV6 3.0L Diesel - Exhaust Gas Recirculation (EGR) Valve LH

Removal and Installation

Removal



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

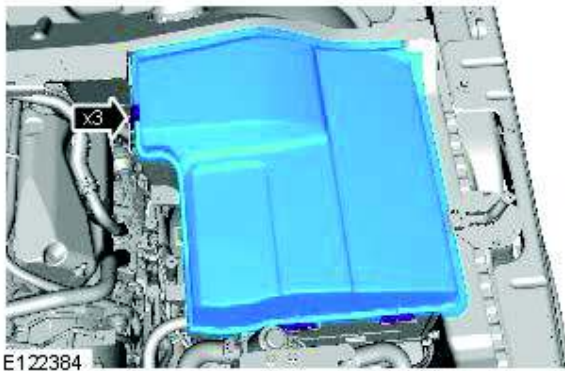
All vehicles

1. Disconnect the battery ground cable.

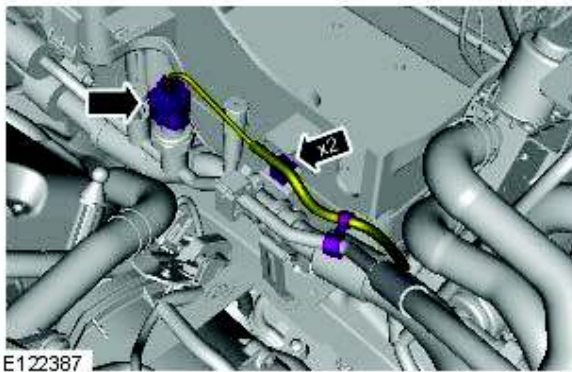
Refer to: Specifications (414-00 Charging System - General Information, Specifications).

2. Refer to: Air Conditioning (A/C) System Recovery, Evacuation and Charging (412-00 Climate Control System - General Information, General Procedures).
3. Refer to: Cooling System Draining, Filling and Bleeding (303-03 Engine Cooling - 3.0L V6 - TdV6, General Procedures).
4. Refer to: Engine Cover - 3.0L V6 - TdV6 (501-05 Interior Trim and Ornamentation, Removal and Installation).

5.

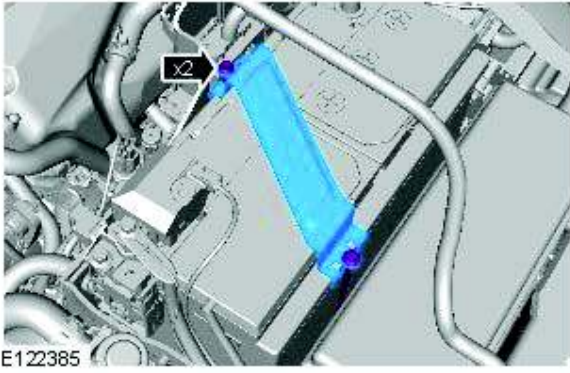


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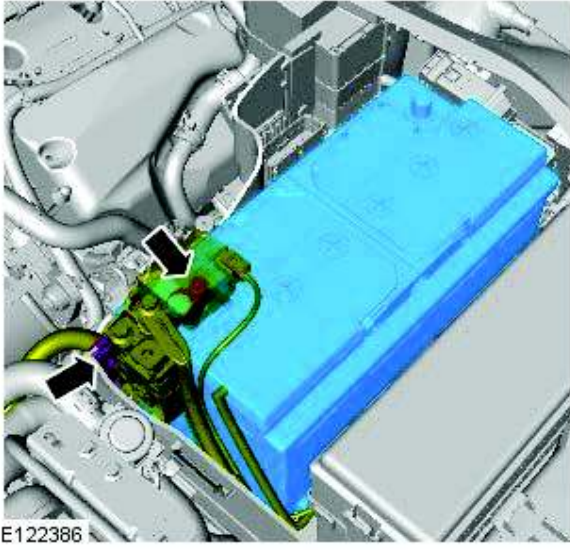


Right-hand drive vehicles

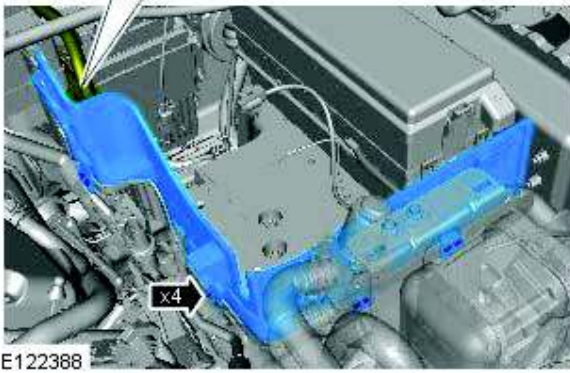
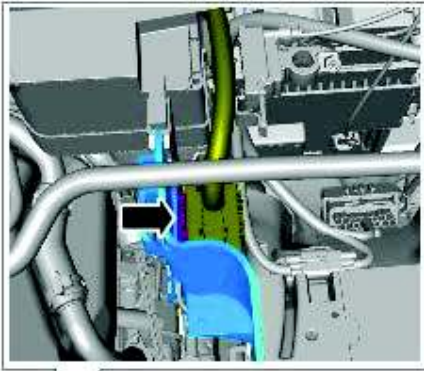
7. Torque: 10 Nm



8. Torque: 10 Nm

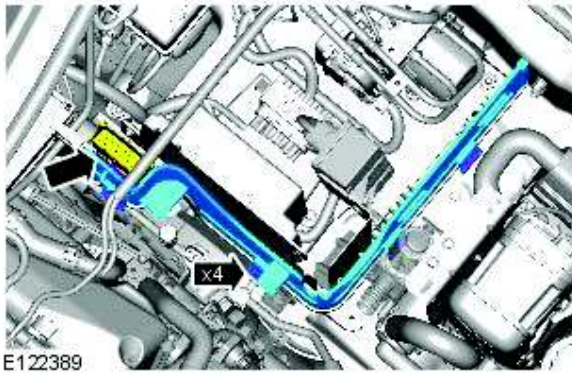


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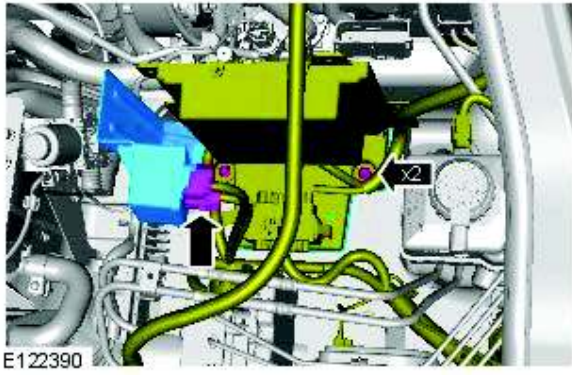


Left-hand drive vehicles

10.

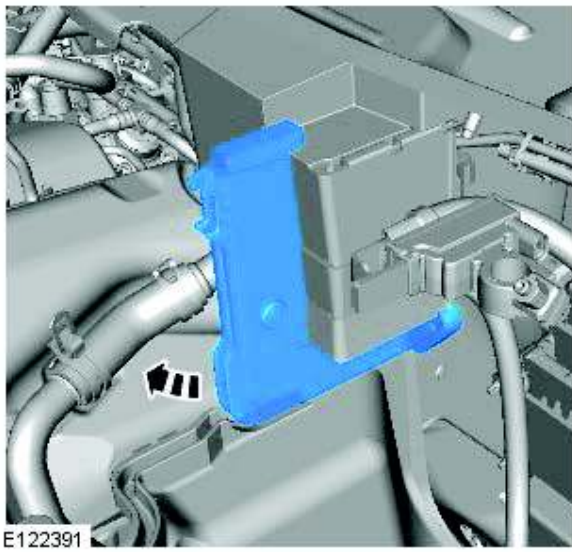


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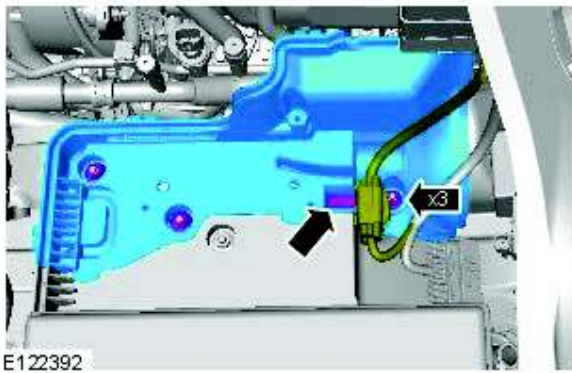


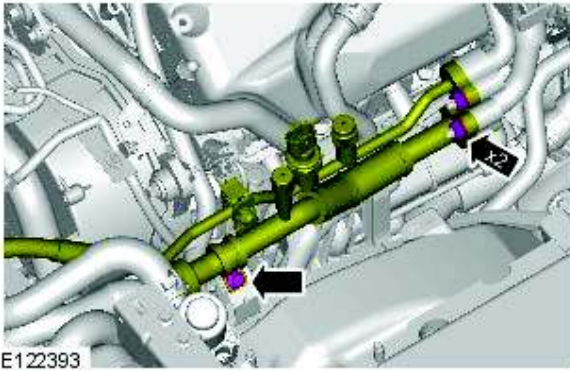
All vehicles


12.



13. Torque: 12 Nm

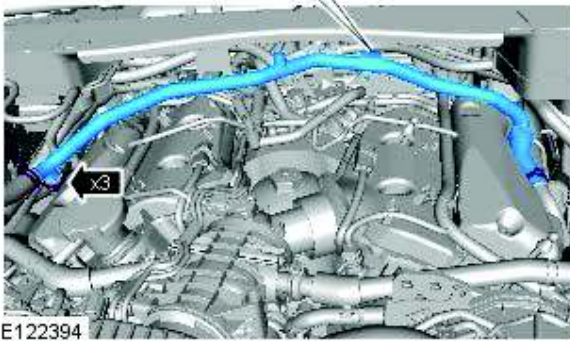




14.  CAUTION: Make sure that all openings are sealed. Use new blanking caps.

 NOTE: Install new O-ring seals.

Torque: 10 Nm

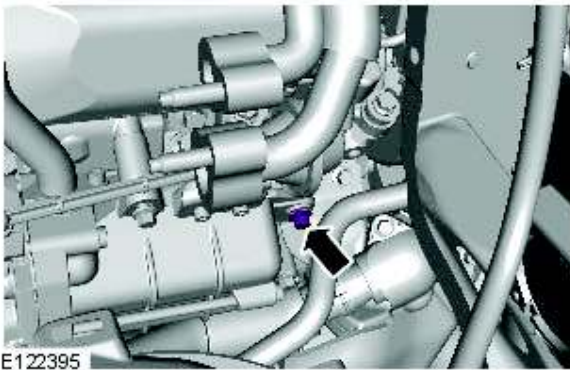


15.  CAUTION: Make sure that all openings are sealed.

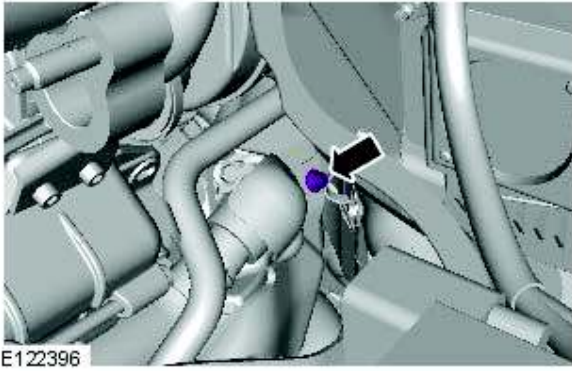
Torque: 10 Nm


16. Refer to: Exhaust Gas Recirculation (EGR) Valve Outlet Tube LH (303-08 Engine Emission Control - 3.0L V6 - TdV6, Removal and Installation).

17. Torque: 10 Nm



18. Torque: 9 Nm

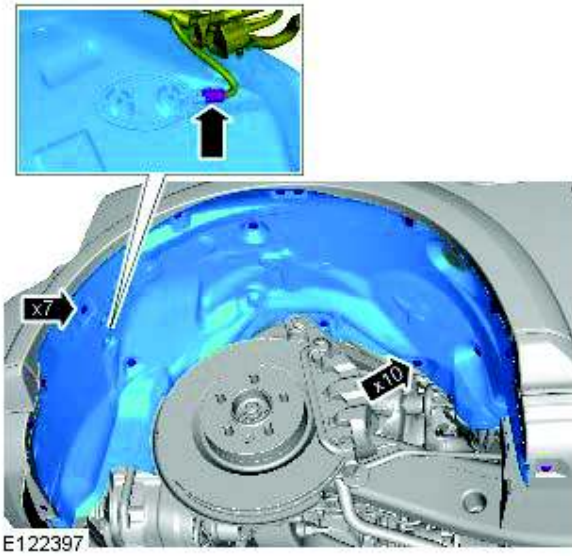


19.  **WARNING:** Make sure to support the vehicle with axle stands.

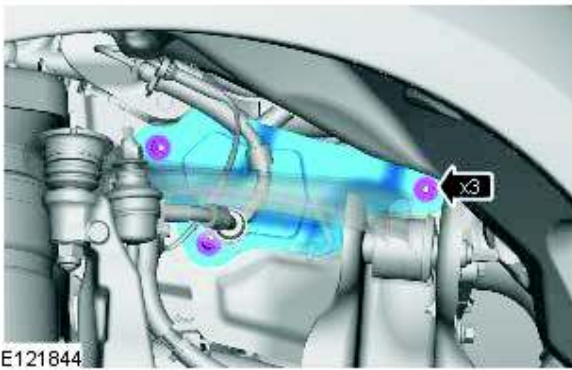
Raise and support the vehicle.

20. Remove the LH front wheel and tire.

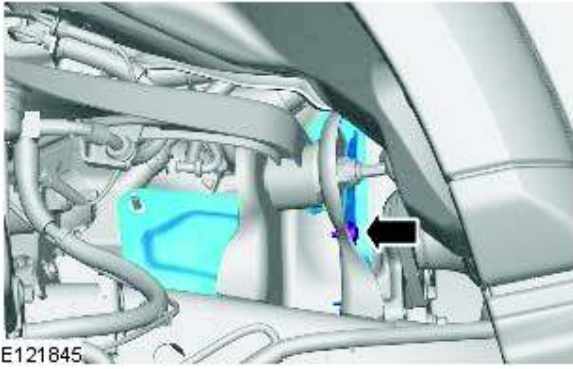
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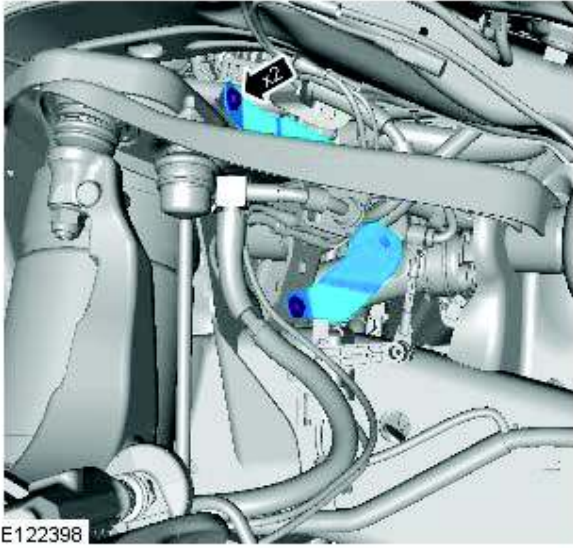
22. Torque: 9 Nm



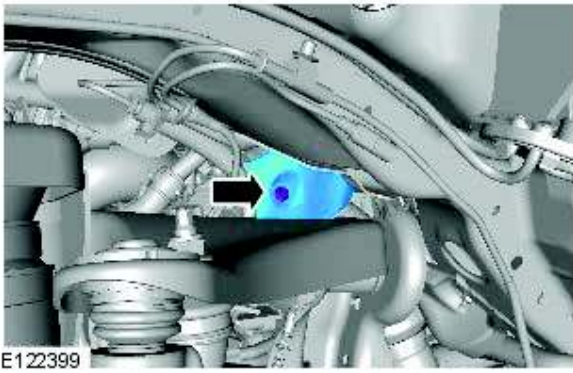
23. Torque: 9 Nm




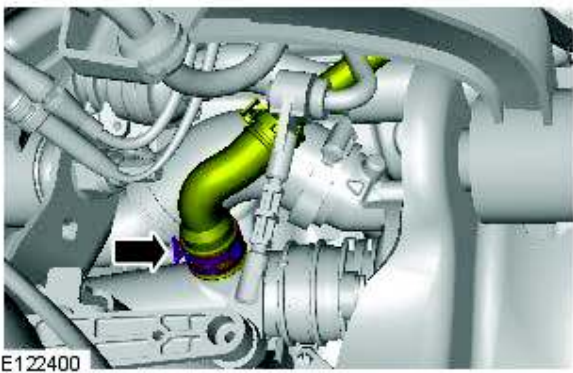
24. Torque: 9 Nm



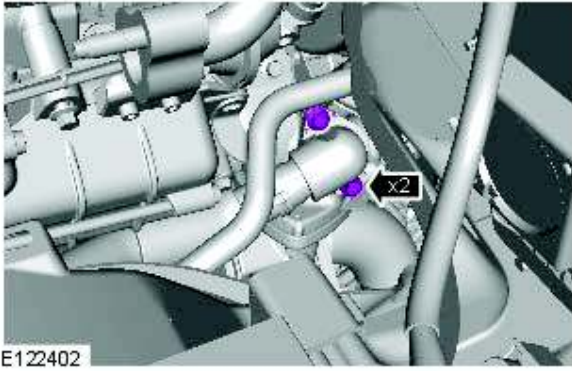
25. Torque: 9 Nm



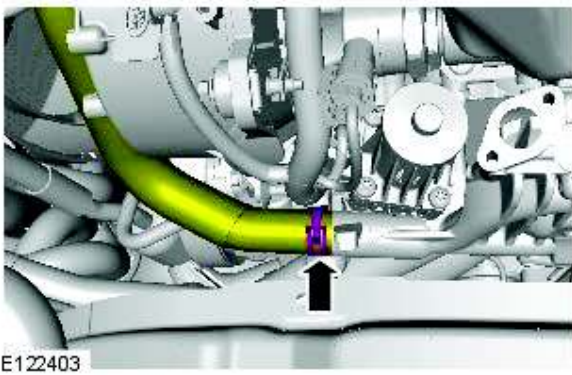
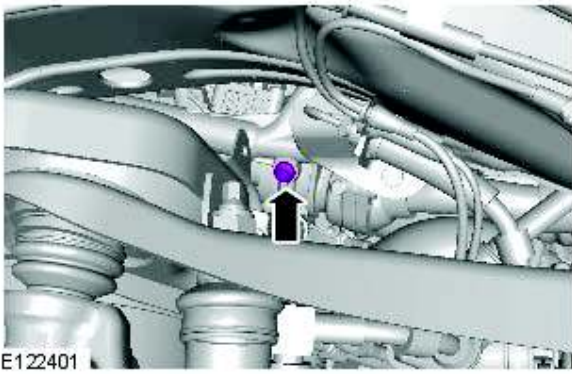
26.  CAUTION: Make sure that all openings are sealed.




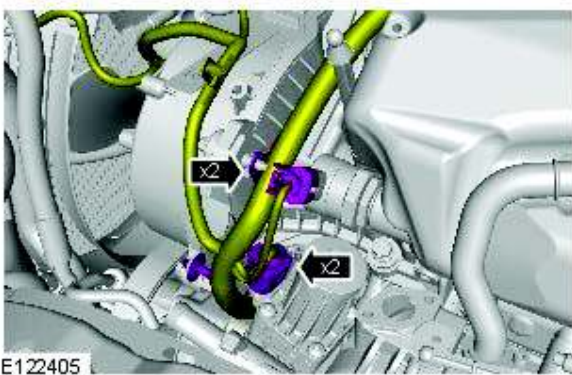
27. Torque: 10 Nm




28. Torque: 10 Nm



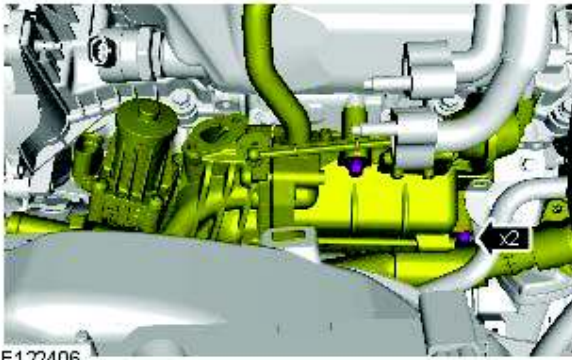
29.  CAUTION: Make sure that all openings are sealed.



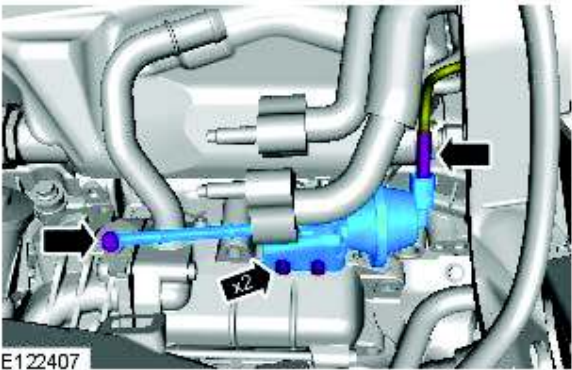
30.

31.  CAUTION: Make sure that all openings are sealed.

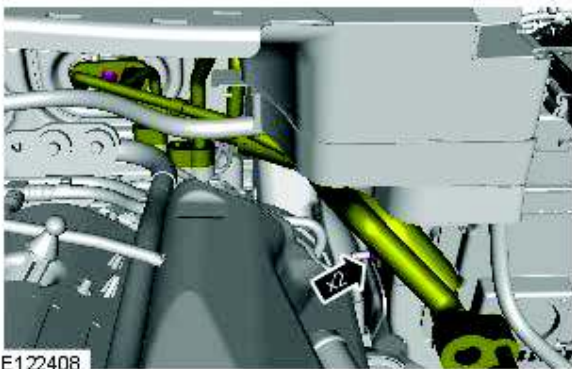
Torque: 10 Nm



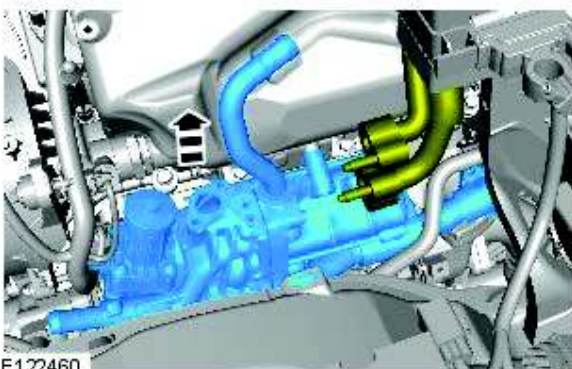
E122406



E122407



E122408



E122460


32.  CAUTION: Take extra care not to damage the component.

 NOTE: An audible click is heard when the ball joint is fully latched.

Torque: 8 Nm

33. CAUTIONS:

 Install new o-ring seals

 Make sure that all openings are sealed. Use new blanking caps.

Torque: 6 Nm

34.

Installation

1. To install, reverse the removal procedure.
2. If a new unit is installed, configure using the approved diagnostic tool.

Engine Emission Control - TDV6 3.0L Diesel - Exhaust Gas Recirculation (EGR) Valve RH

Removal and Installation

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.

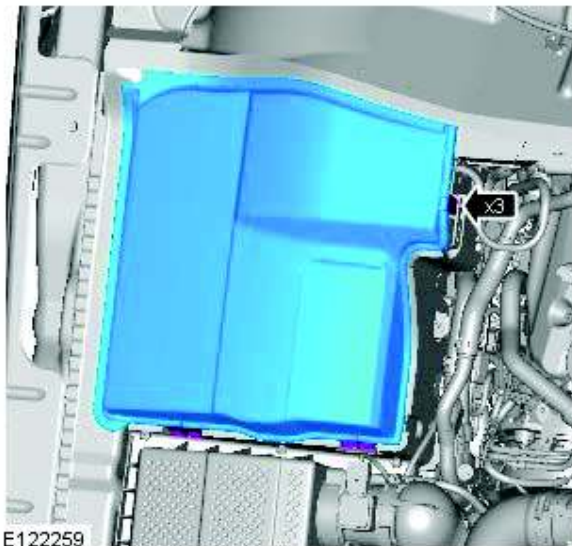
All vehicles

1. Disconnect the battery ground cable.

Refer to: Specifications (414-00 Charging System - General Information, Specifications).

2. Refer to: Cooling System Draining, Filling and Bleeding (303-03 Engine Cooling - 3.0L V6 - TdV6, General Procedures).
3. Refer to: Engine Cover - 3.0L V6 - TdV6 (501-05 Interior Trim and Ornamentation, Removal and Installation).

4.

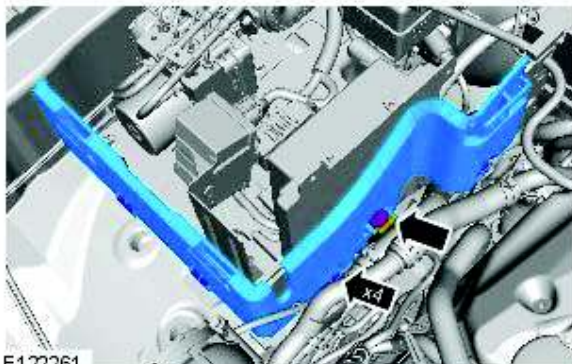


E122259

5. Refer to: Air Cleaner (303-12 Intake Air Distribution and Filtering - 3.0L V6 - TdV6, Removal and Installation).

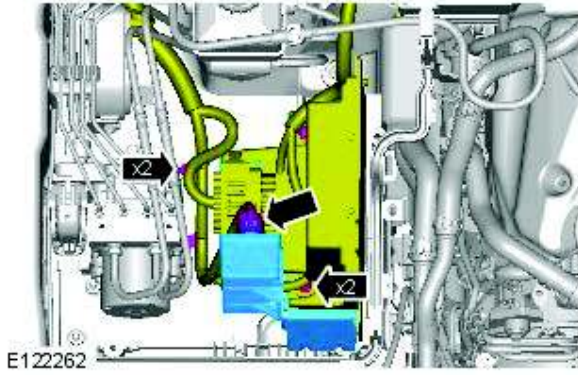
Right-hand drive vehicles

6.



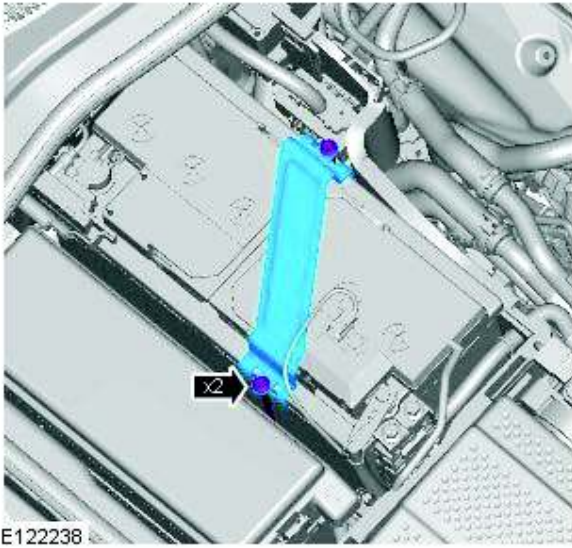
E122261

7. Torque: 10 Nm

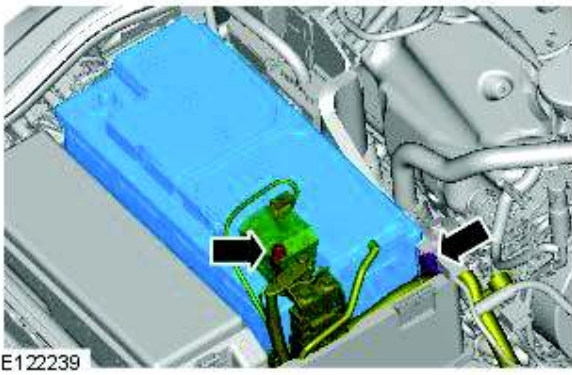


Left-hand drive vehicles

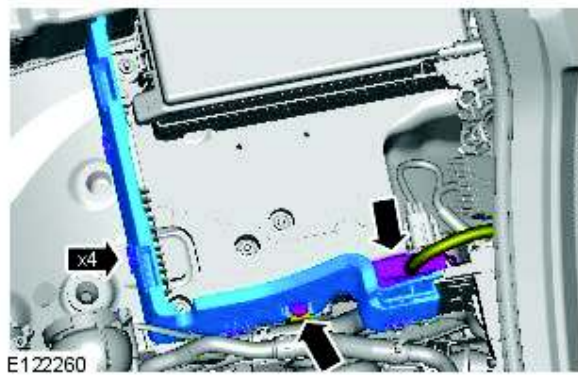
8. Torque: 10 Nm



9. Torque: 10 Nm

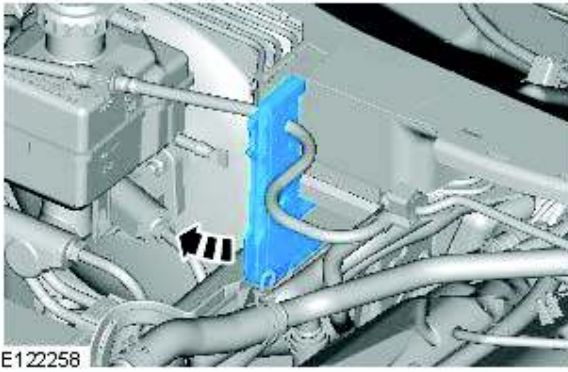


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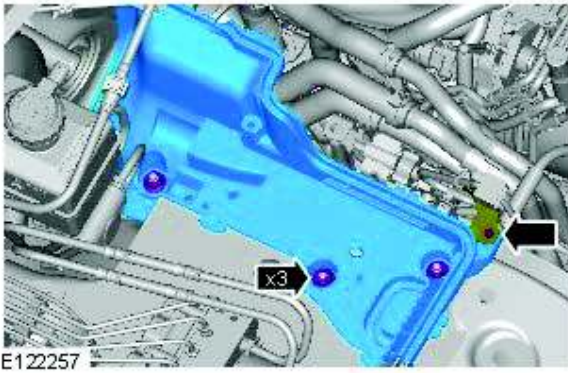


All vehicles

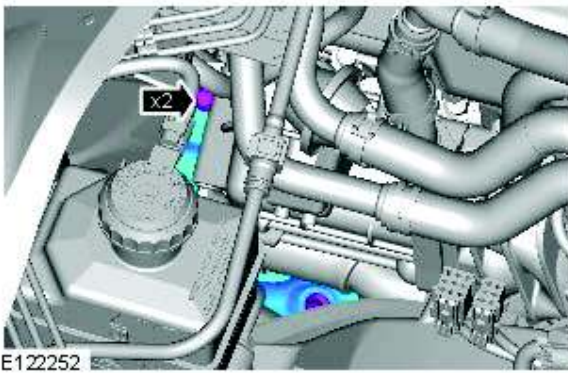
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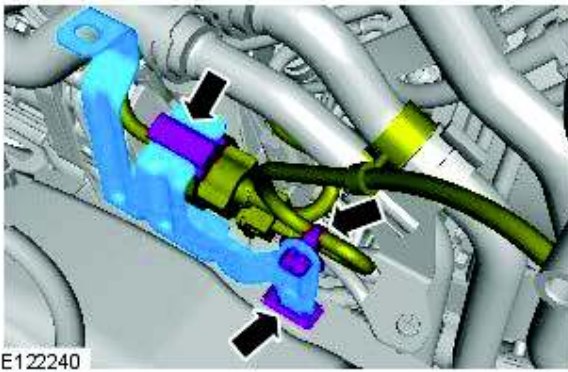
12. Torque: 12 Nm



13. Torque: 9 Nm




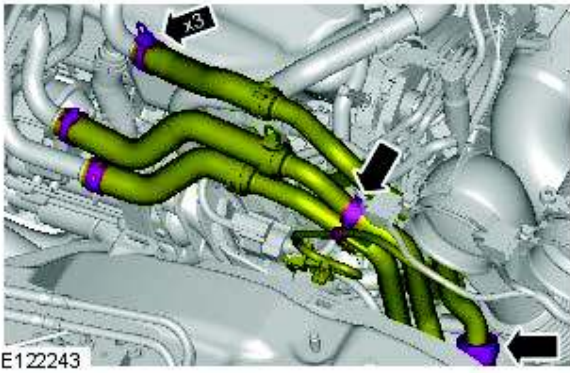
14.




15. CAUTIONS:

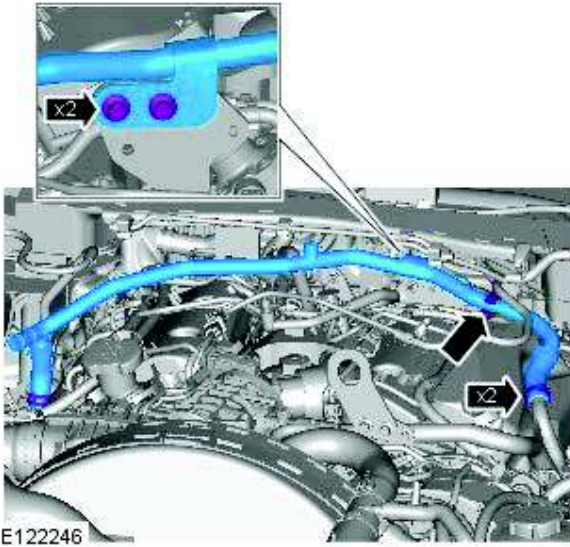
 Be prepared to collect escaping fluids.

 Make sure that all openings are sealed.




16.  CAUTION: Make sure that all openings are sealed.

Torque: 10 Nm



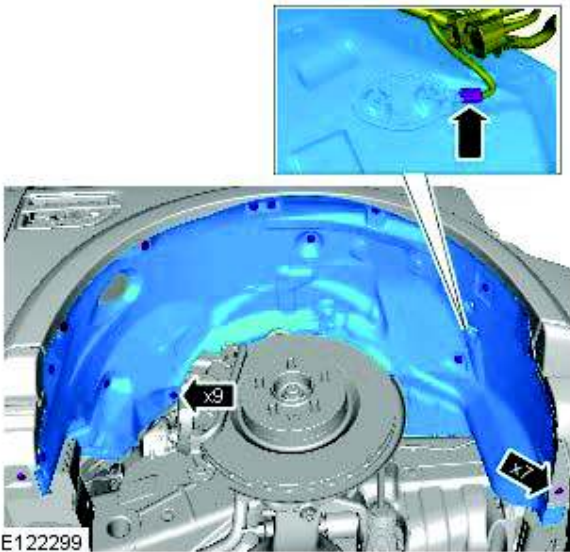
17. Refer to: Exhaust Gas Recirculation (EGR) Valve Outlet Tube RH (303-08 Engine Emission Control - 3.0L V6 - TdV6, Removal and Installation).

18.  WARNING: Make sure to support the vehicle with axle stands.

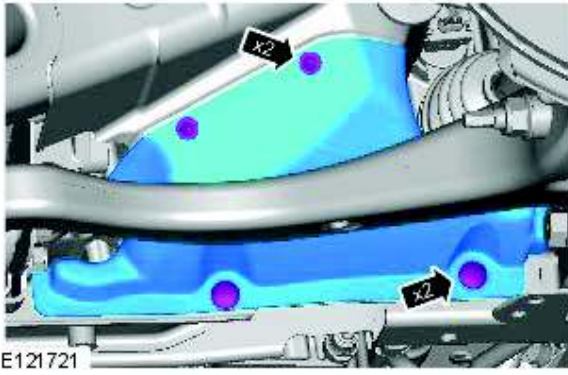
Raise and support the vehicle.

19. Remove the RH front wheel and tire.

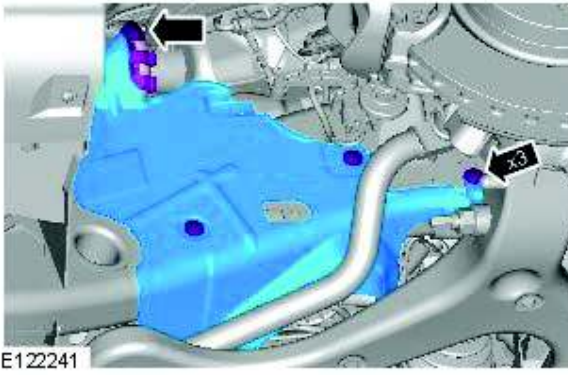
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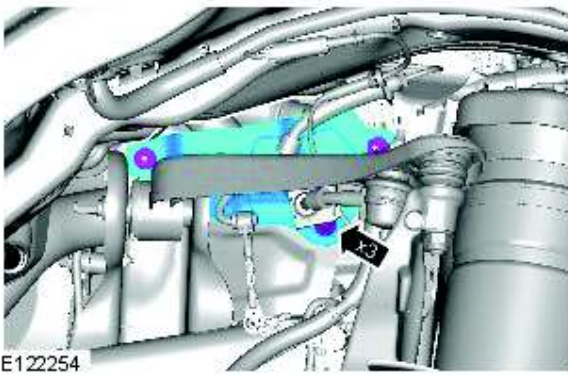
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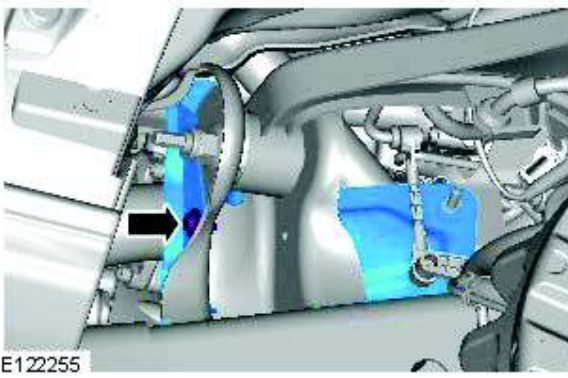
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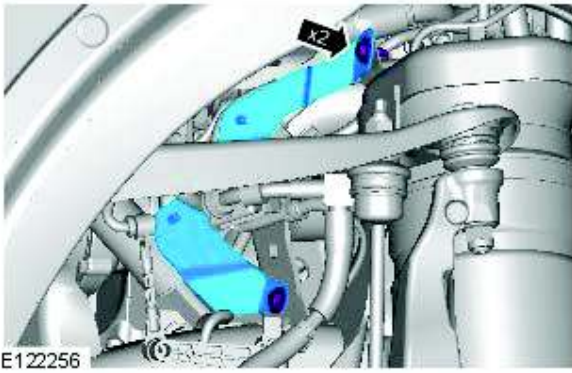
23. Torque: 9 Nm



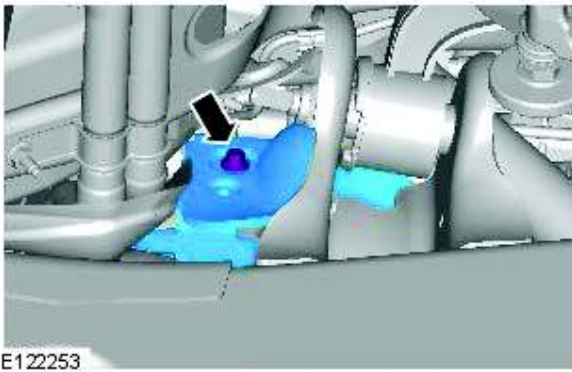
24. Torque: 9 Nm



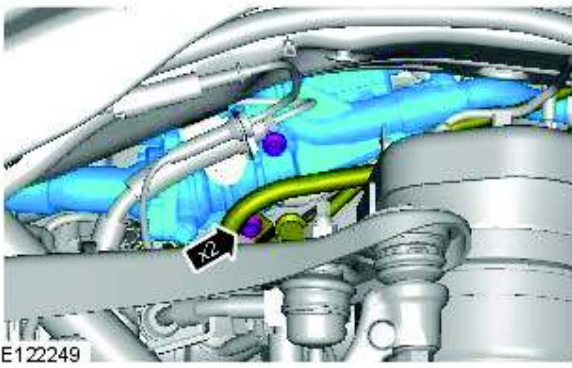
25. Torque: 9 Nm



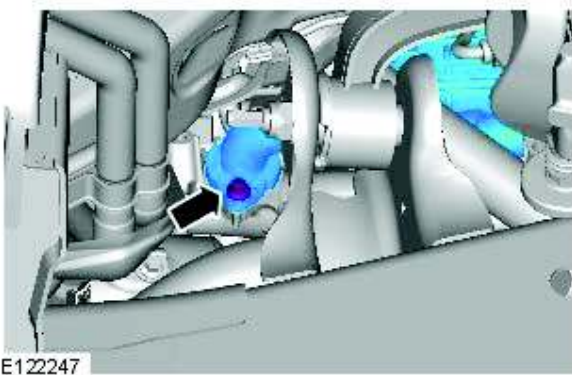
26. Torque: 9 Nm



27. Torque: 10 Nm




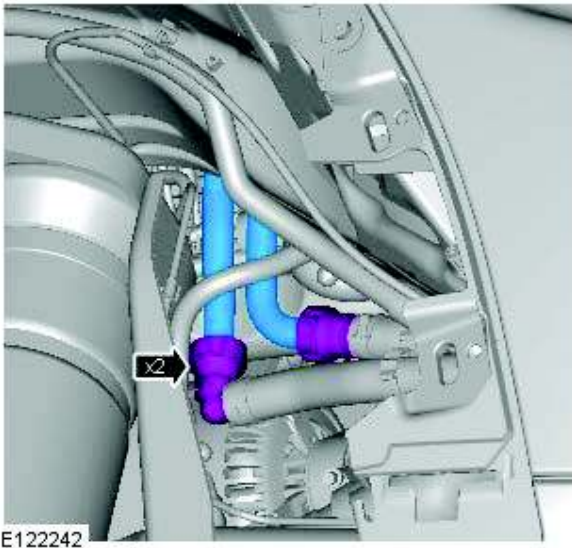
28. Torque: 10 Nm



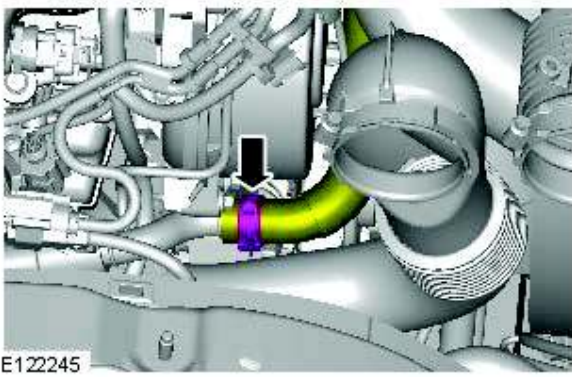
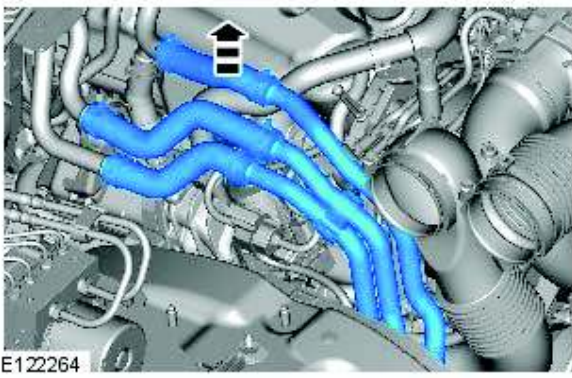
29. CAUTIONS:


 Be prepared to collect escaping fluids.

 Make sure that all openings are sealed.

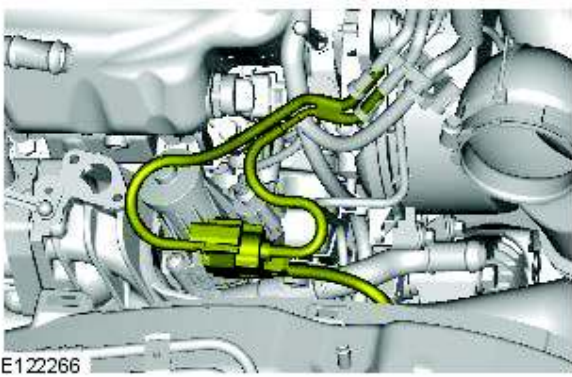


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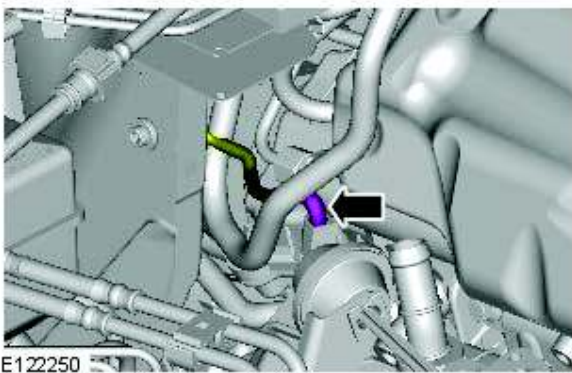
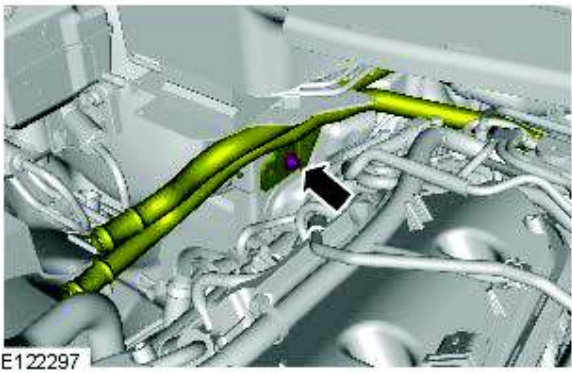
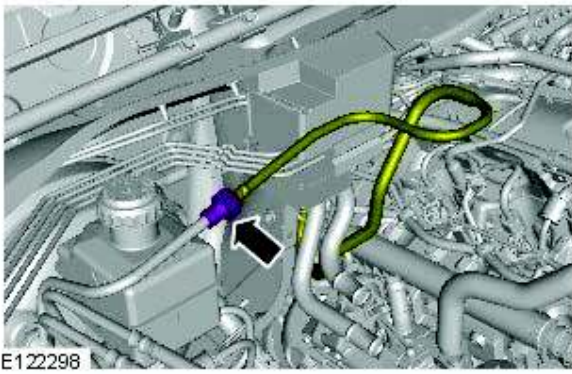
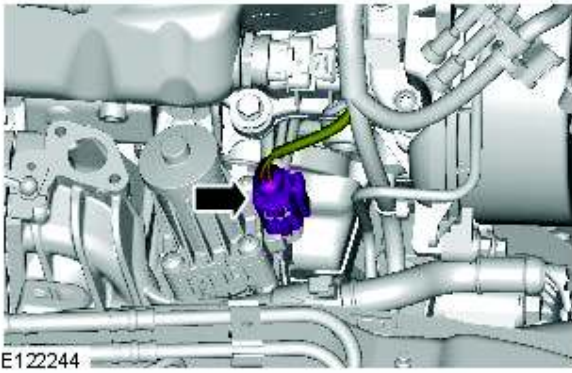


31.  CAUTION: Make sure that all openings are sealed.

32.



33.



34.  CAUTION: Make sure that all openings are sealed.

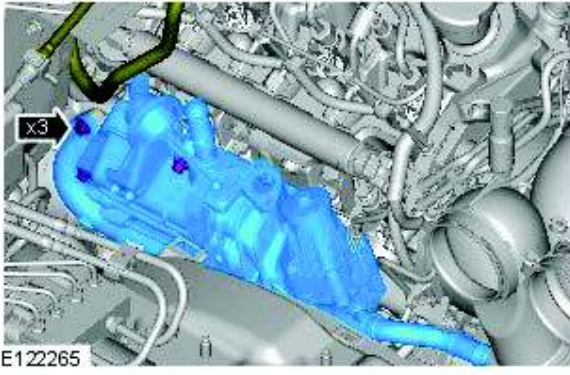
35. Torque: 10 Nm

36.

37.  CAUTION: Make sure that all openings are sealed.

 NOTE: Install a new gasket.

Torque: 10 Nm



Installation

1. To install, reverse the removal procedure.
2. If a new unit is installed, configure using the approved diagnostic tool.