

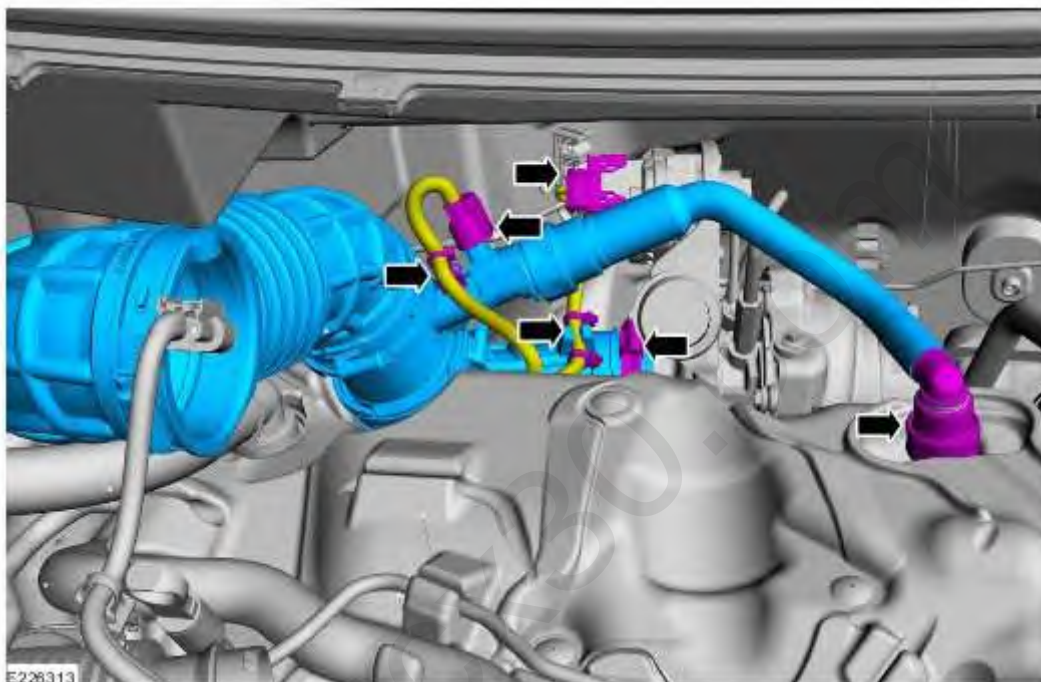
Removal and Installation

General Equipment

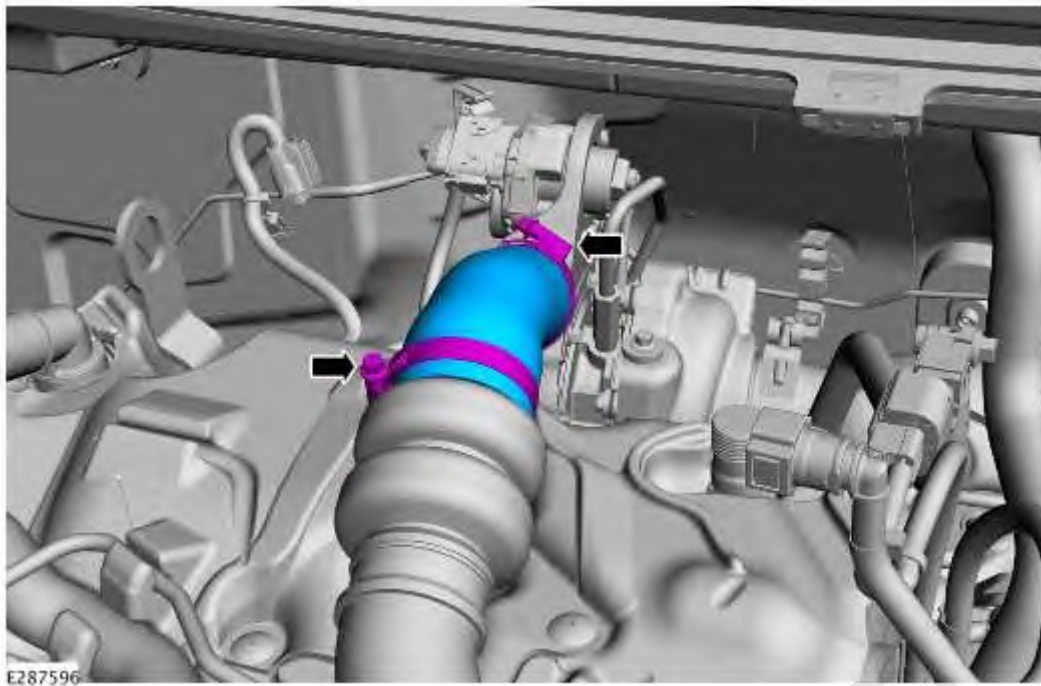
Snap Ring Pliers

Removal

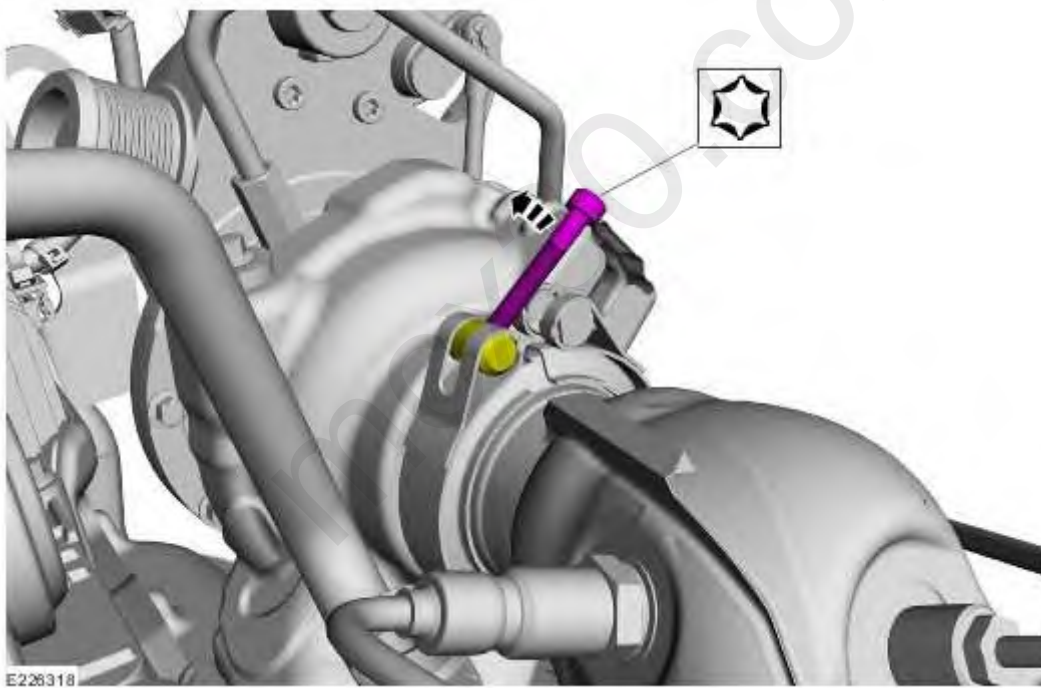
1. Refer to: [Air Cleaner](#) (303-12A Intake Air Distribution and Filtering, Removal and Installation).
- 2.



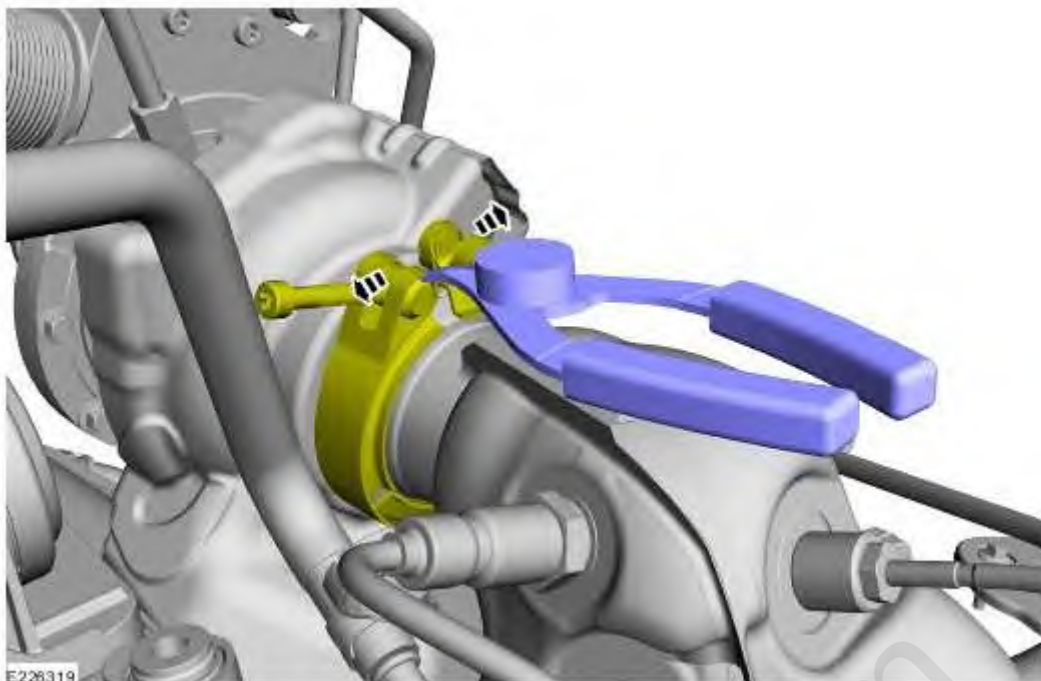
- 3.



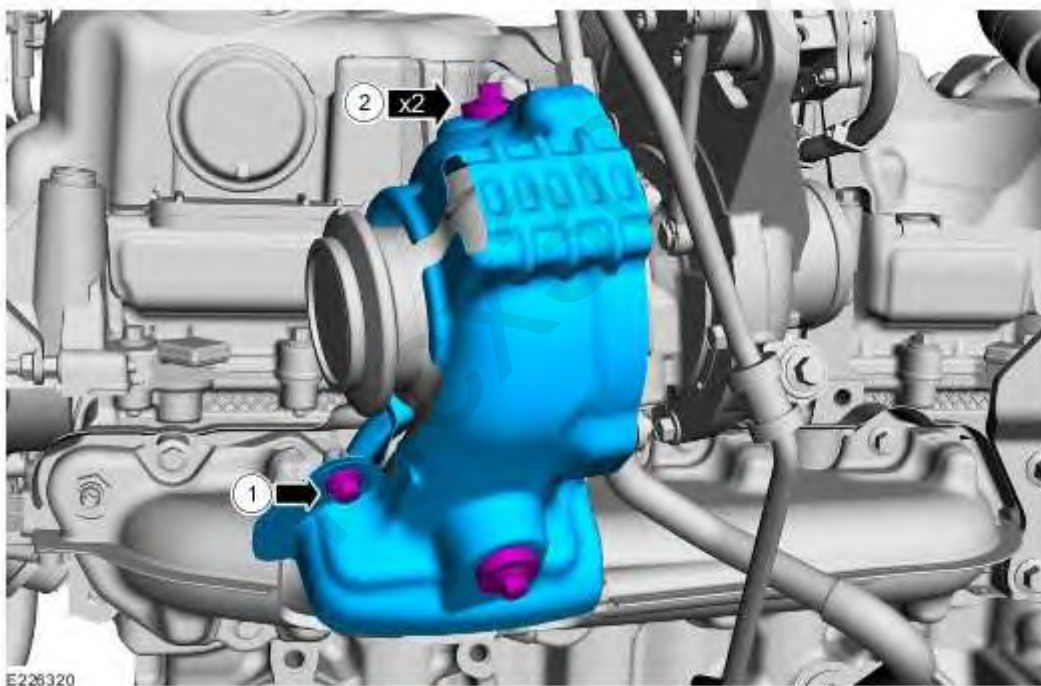
4.



5. Use the General Equipment: [Snap Ring Pliers](#)

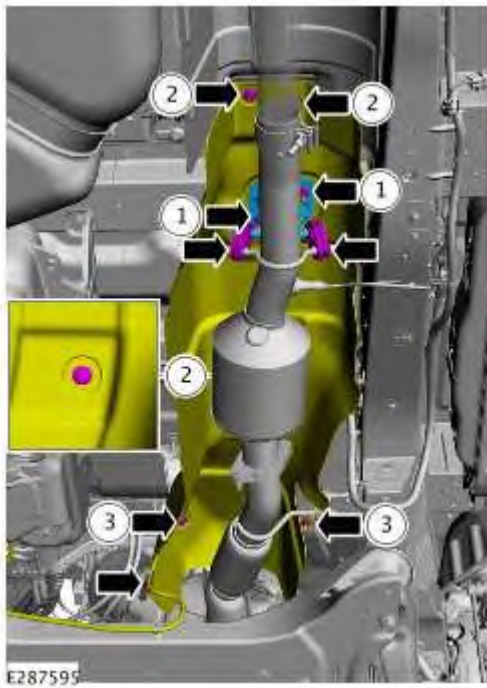


6.

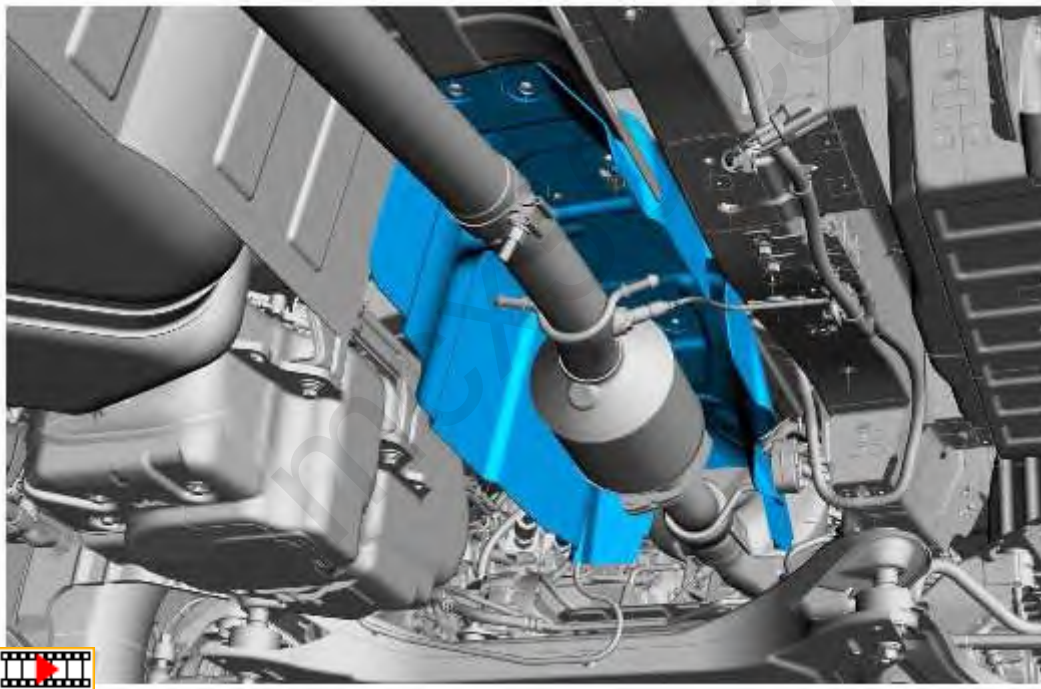


7. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

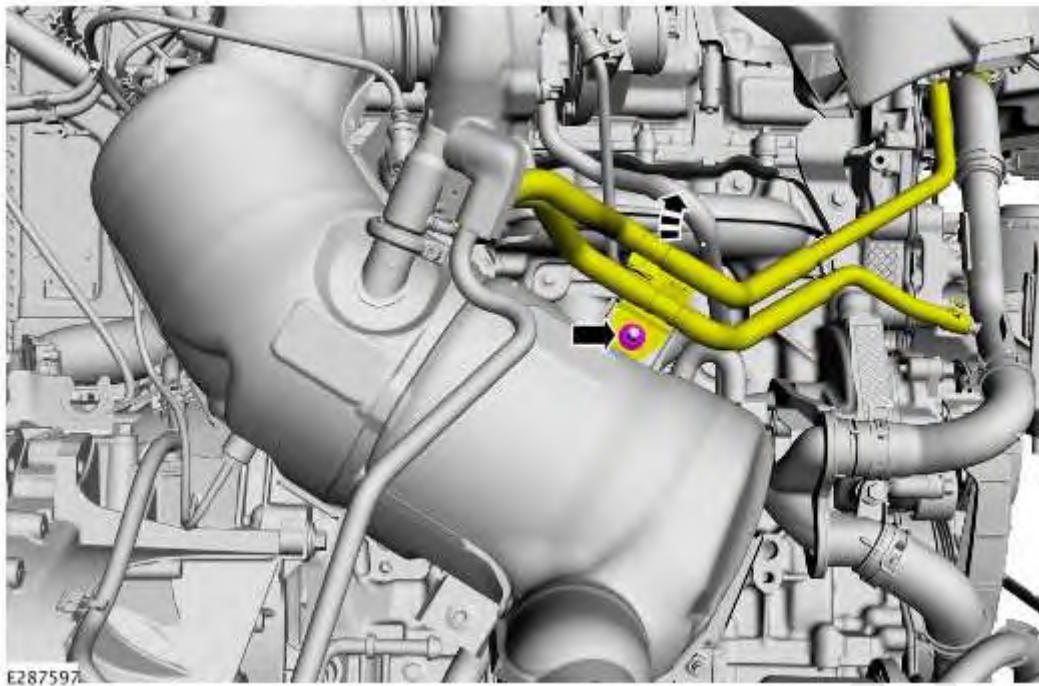
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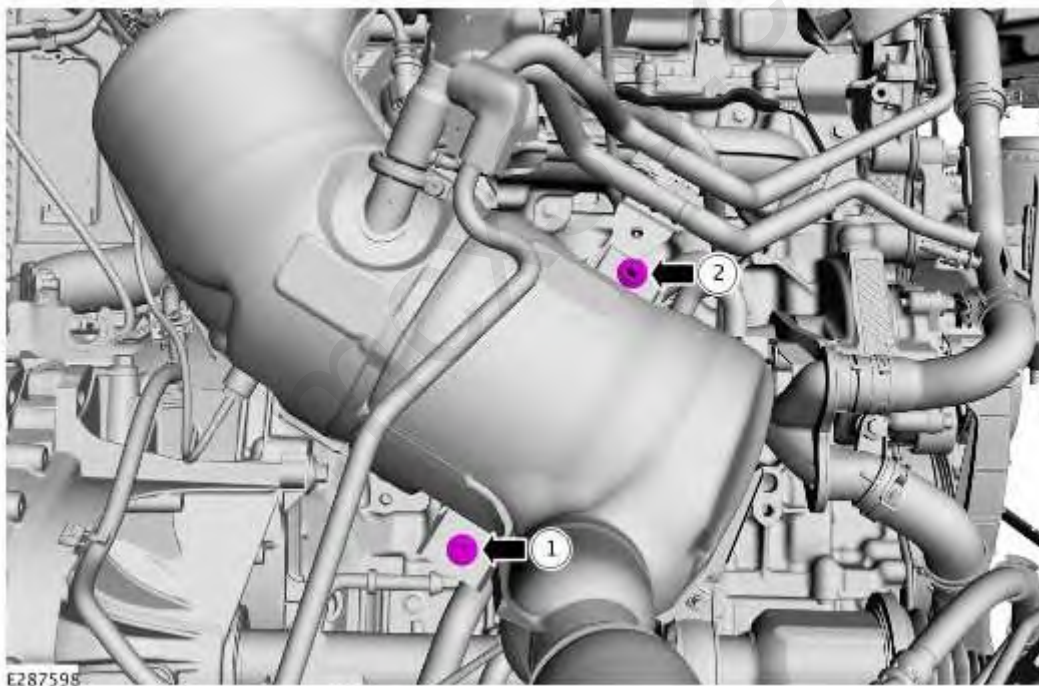
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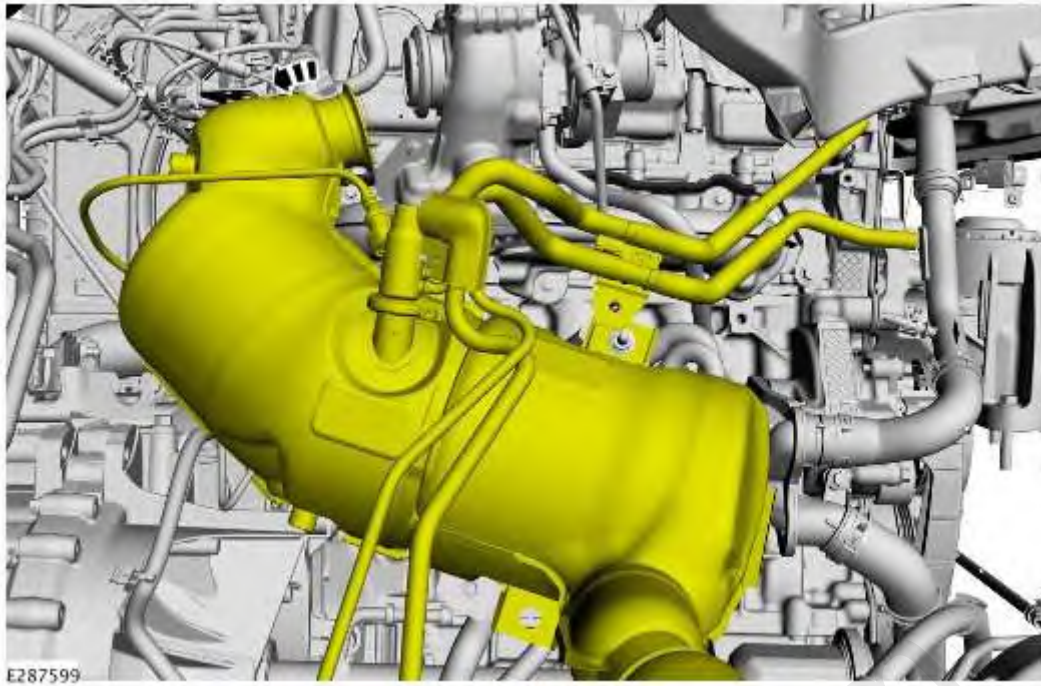
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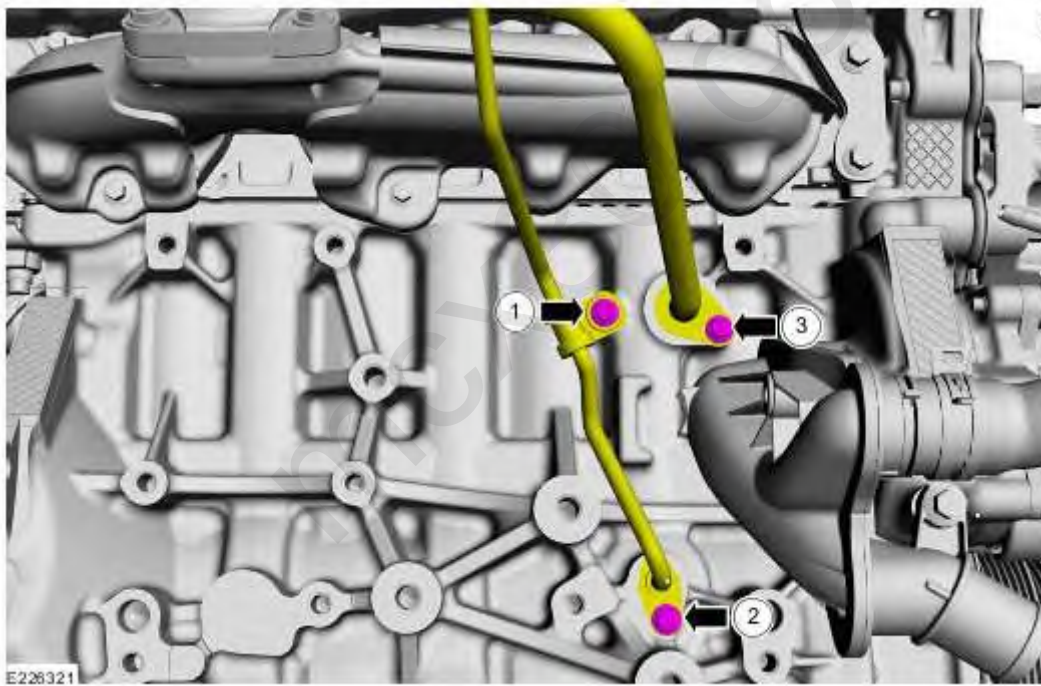
11.
 1. Remove the component.
 2. Loosen: 5 turn(s)



12. NOTE: Make sure that no components catch.



13.

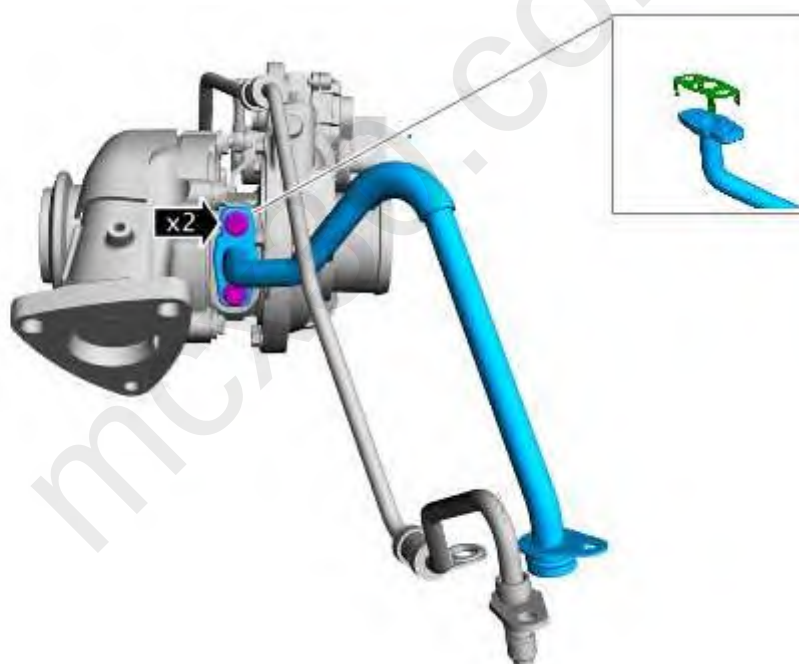


14. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

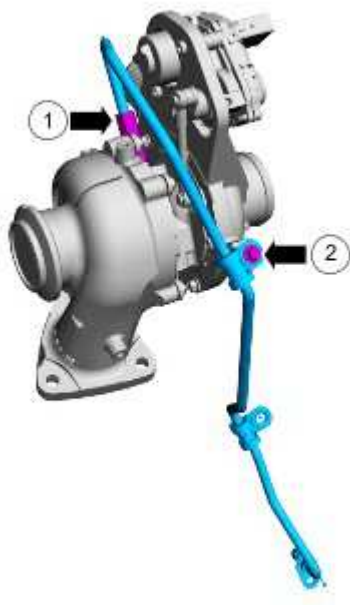
15. **NOTE:** Make sure that no components catch.



16. NOTE: This step is only necessary when installing a new component.



17.



E226324

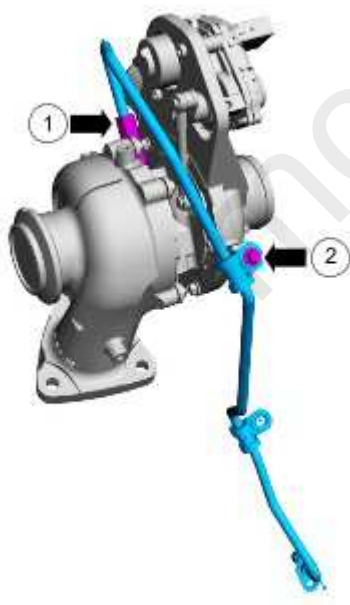
Installation

1. **NOTE:** Make sure a new component is installed.

Torque:

1: 20 Nm

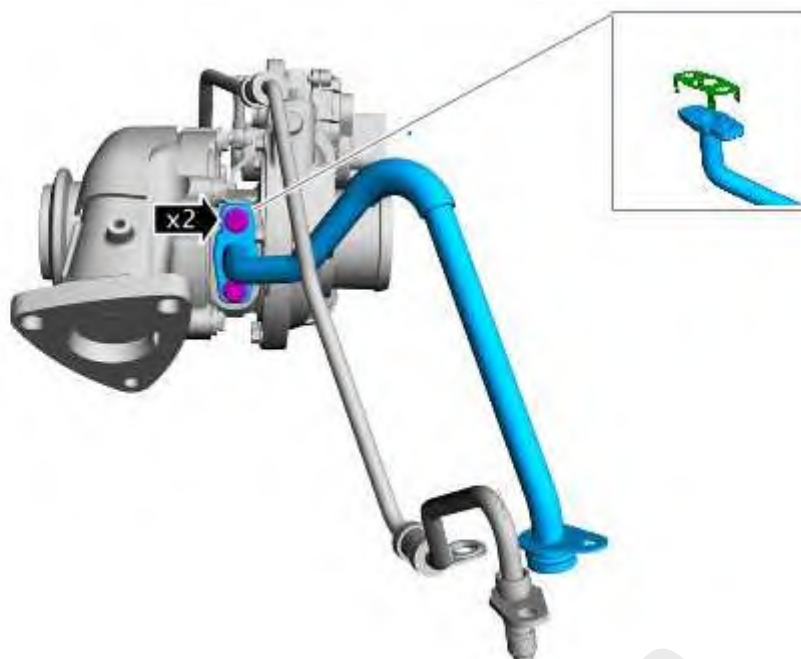
2: 10 Nm



E226324

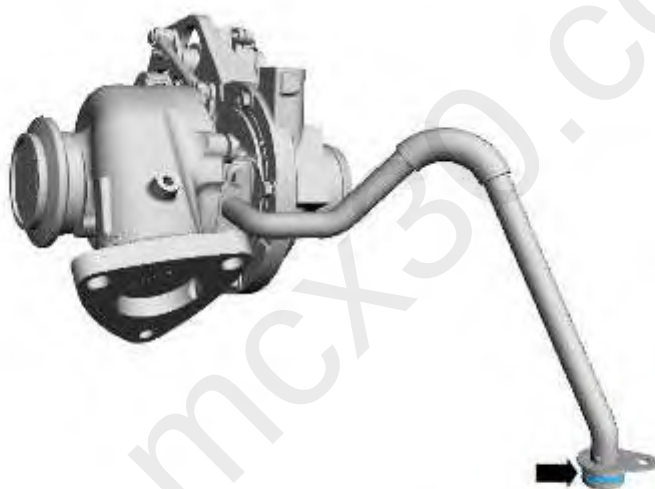
2. **NOTE:** This step is only necessary when installing a new component.
NOTE: Use a new seal.

Torque: 10 Nm



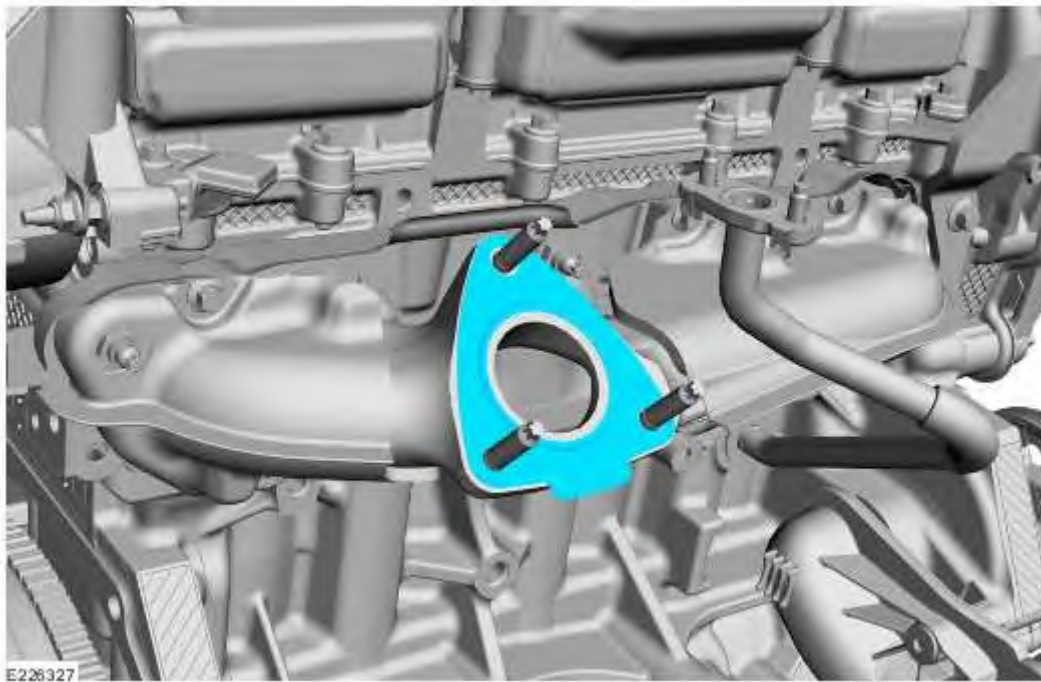
E287549

3. NOTE: Use a new seal.



E228323

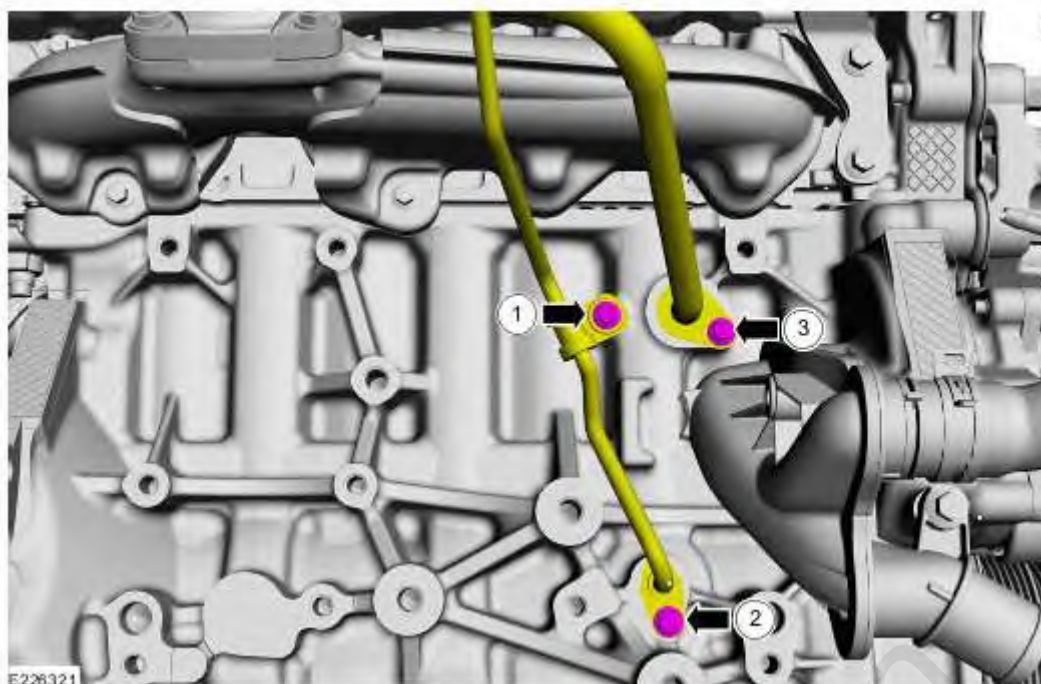
4. NOTE: Use a new seal.



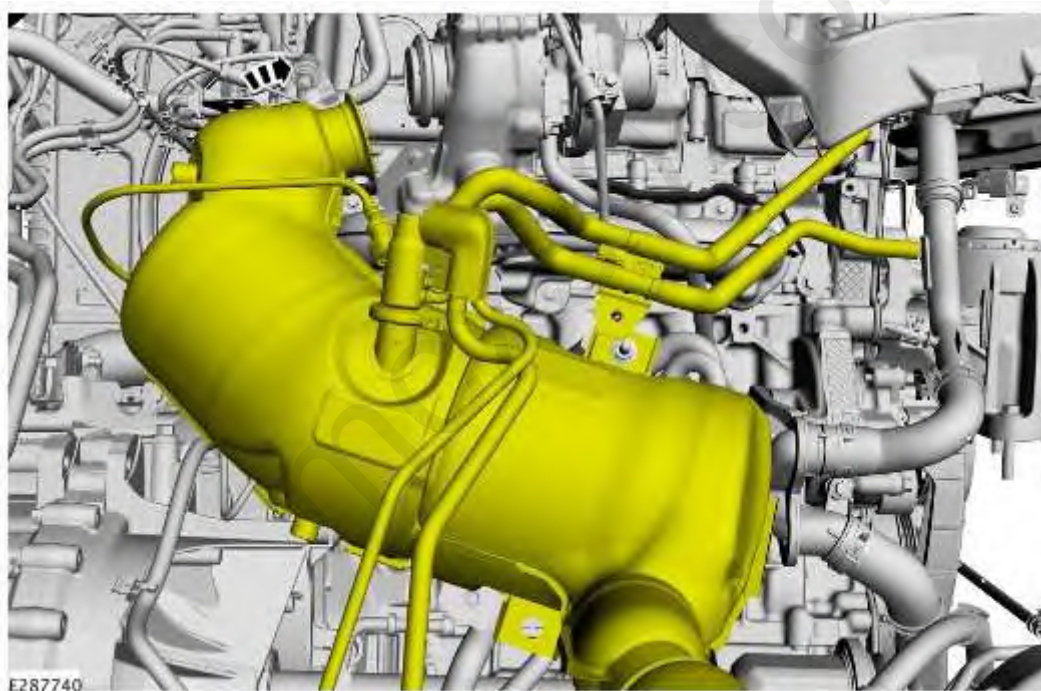
5. NOTE: Make sure that new nuts are installed.
1. NOTE: Only tighten the nuts finger tight at this stage.
 2. Torque: 23 Nm
 3. Torque: 23 Nm



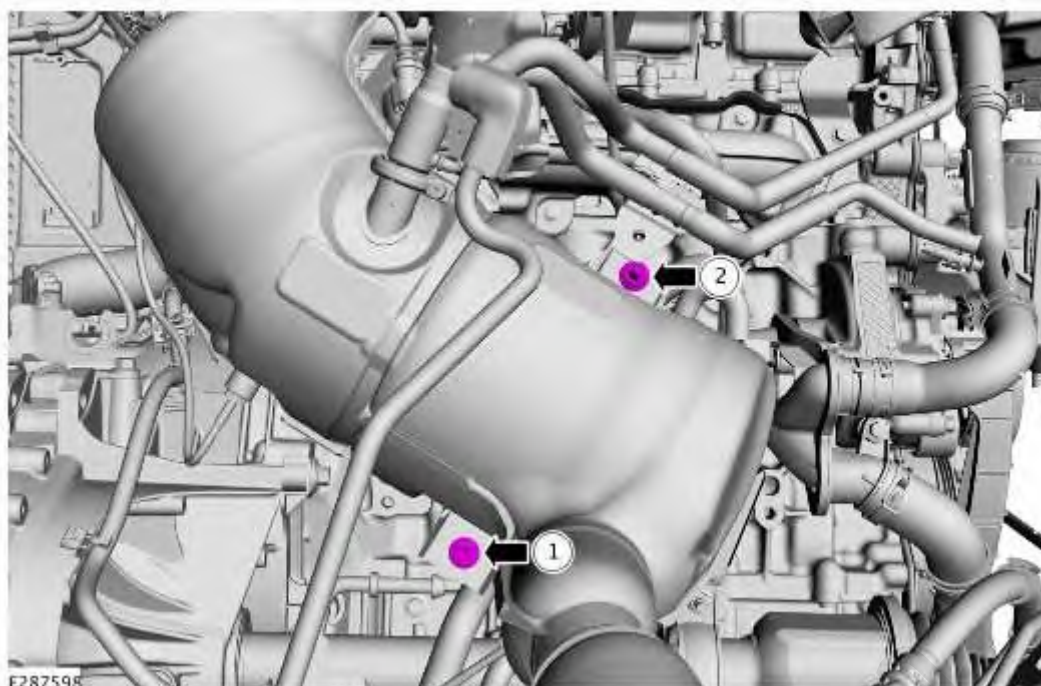
6. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
7. Torque:
- 1: 10 Nm
 - 2: 10 Nm
 - 3: 10 Nm



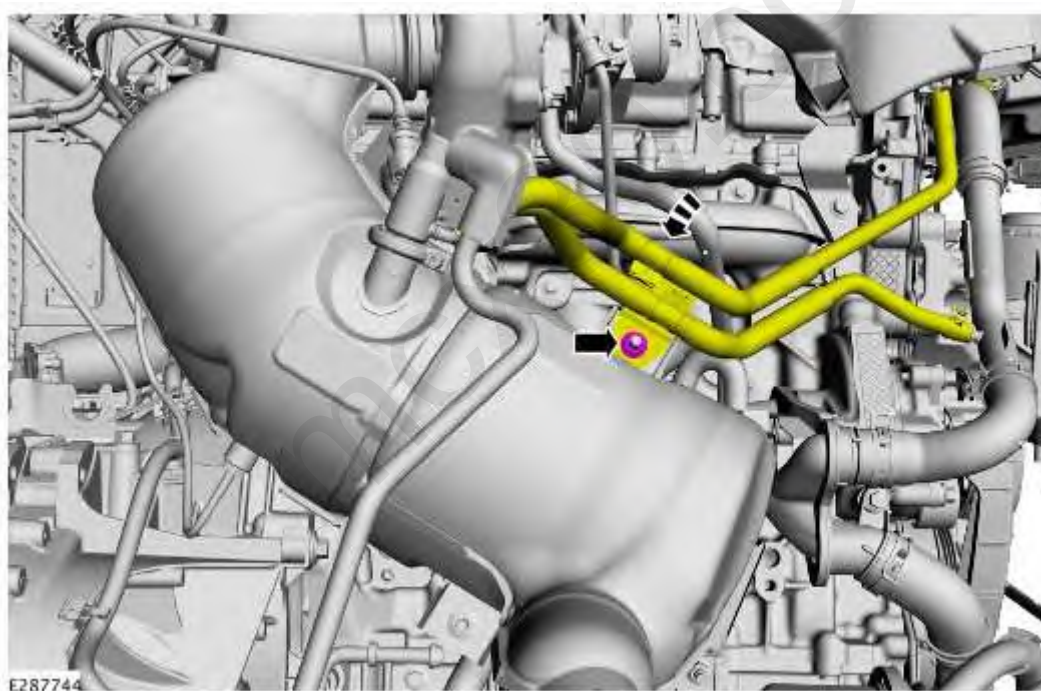
8.



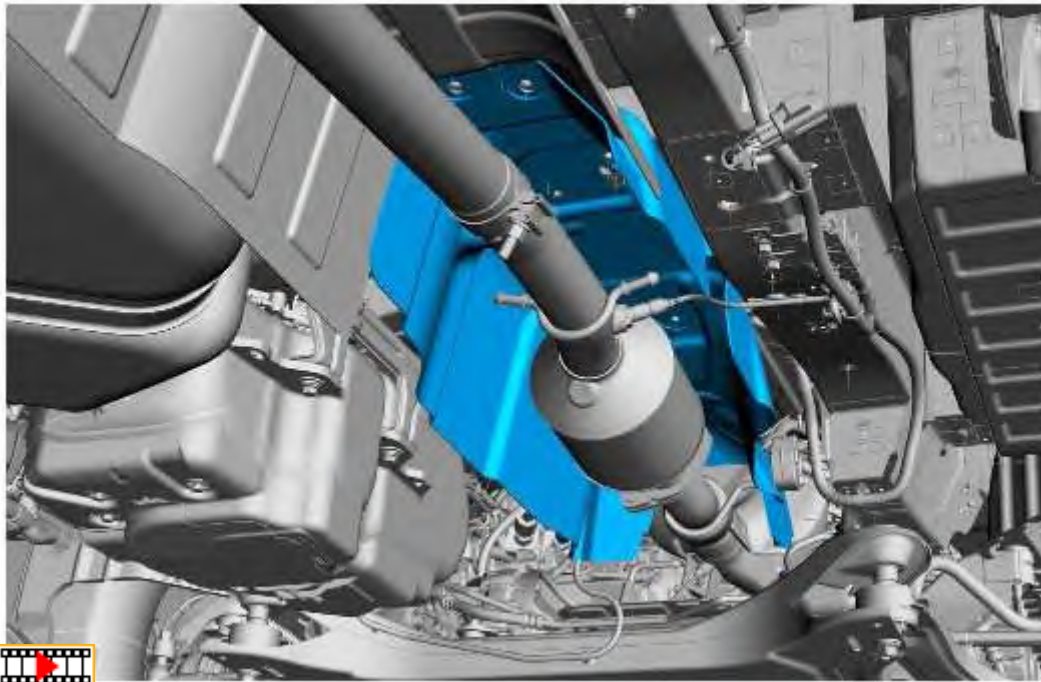
9. Torque:
1: 25 Nm
2: 25 Nm



10. Torque: 15 Nm

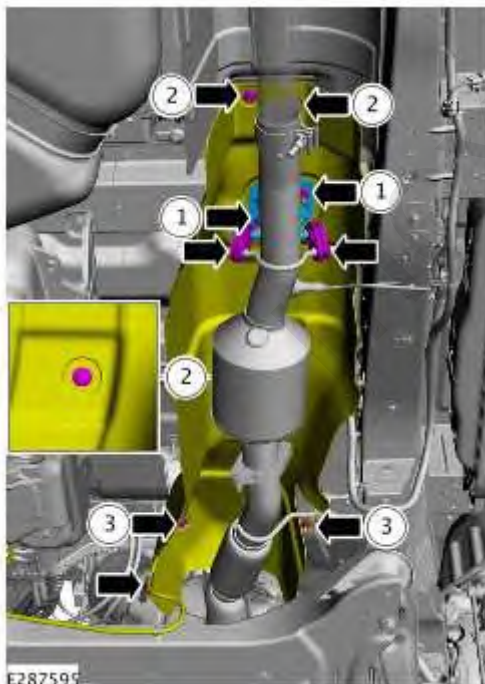


11.



12. *Torque:*

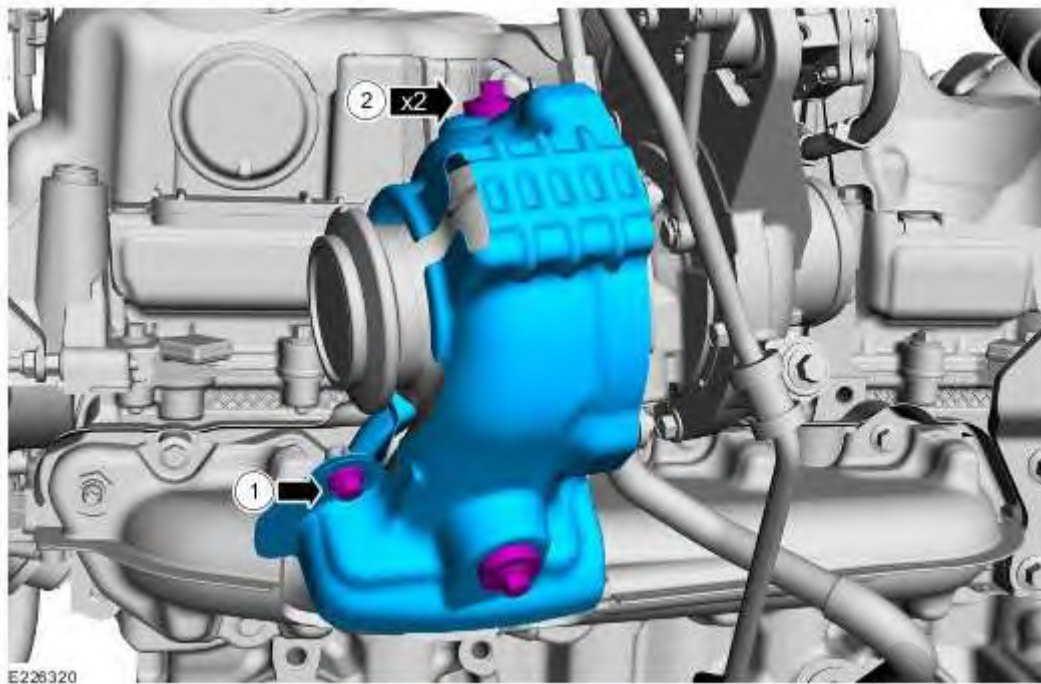
- 1: 15 Nm
- 2: 15 Nm
- 3: 10 Nm



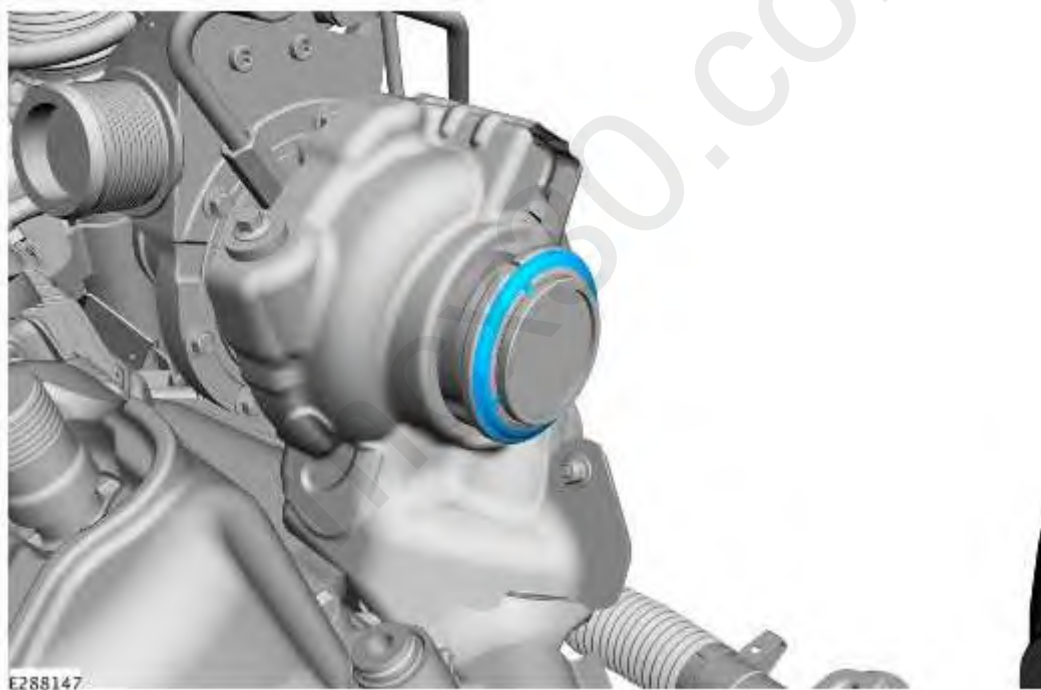
13. Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

14. *Torque:*

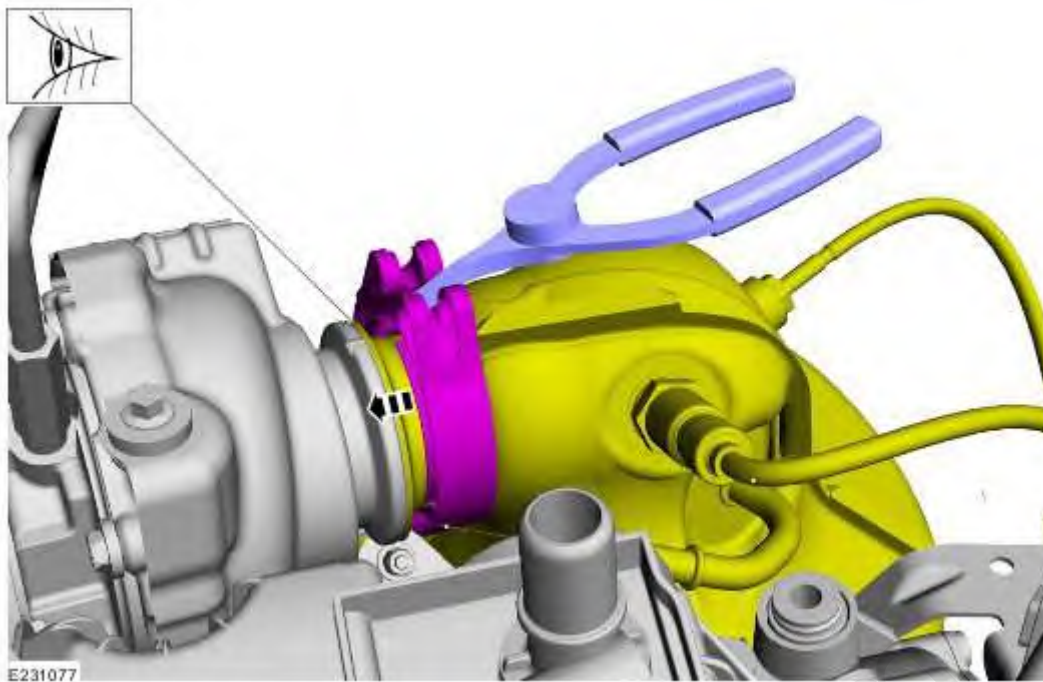
- 1: 10 Nm
- 2: 10 Nm



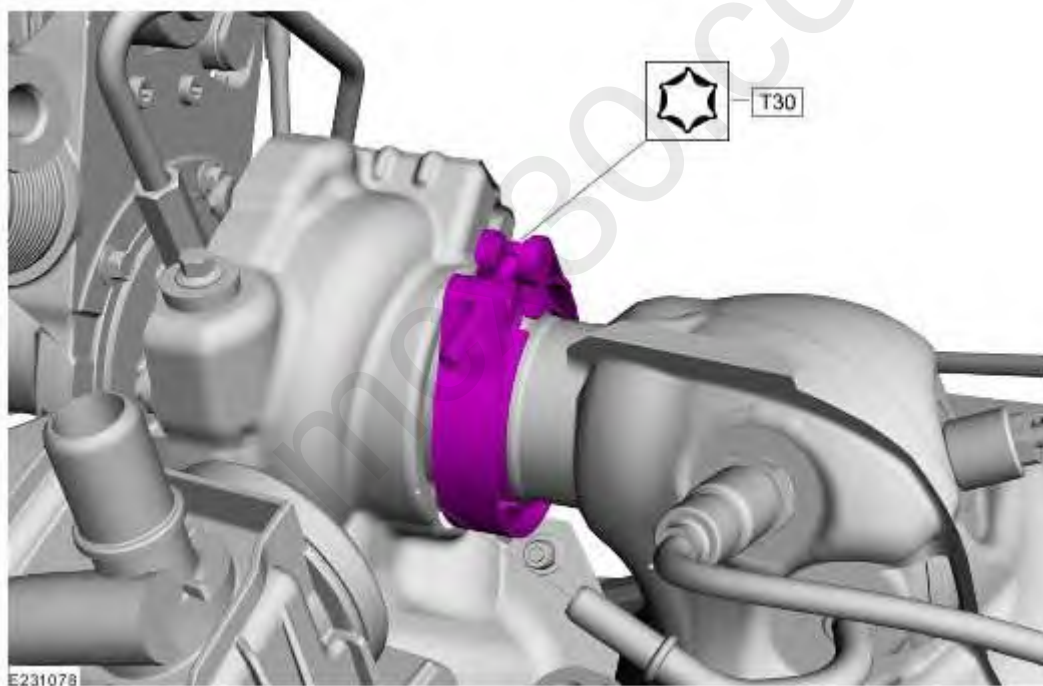
15. NOTE: Use a new seal.



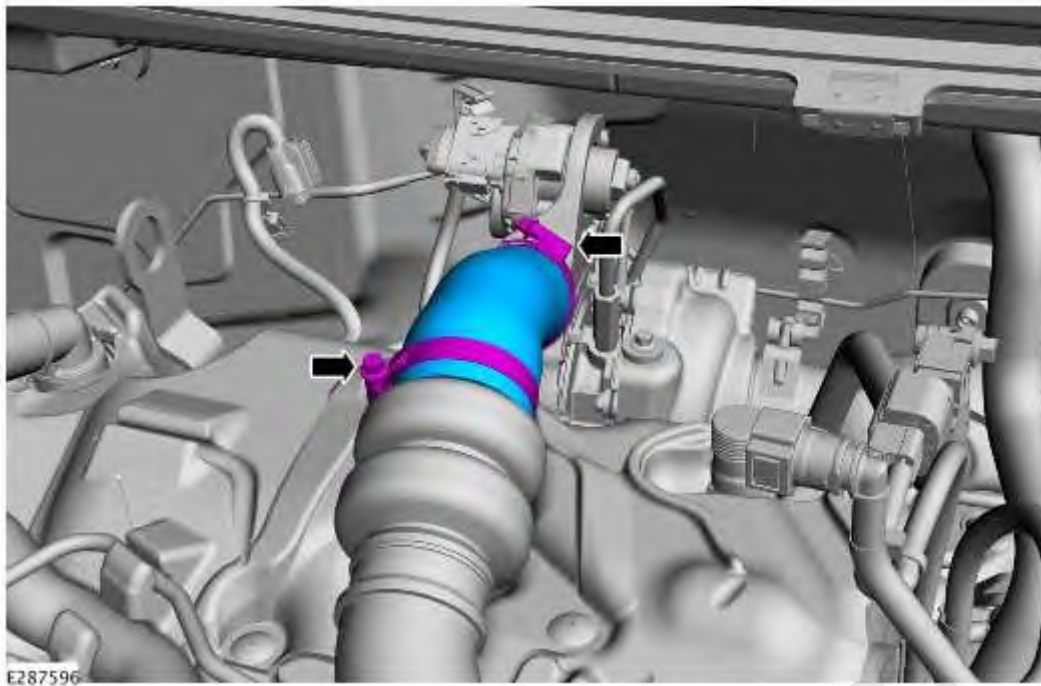
16. Use the General Equipment: [Snap Ring Pliers](#)



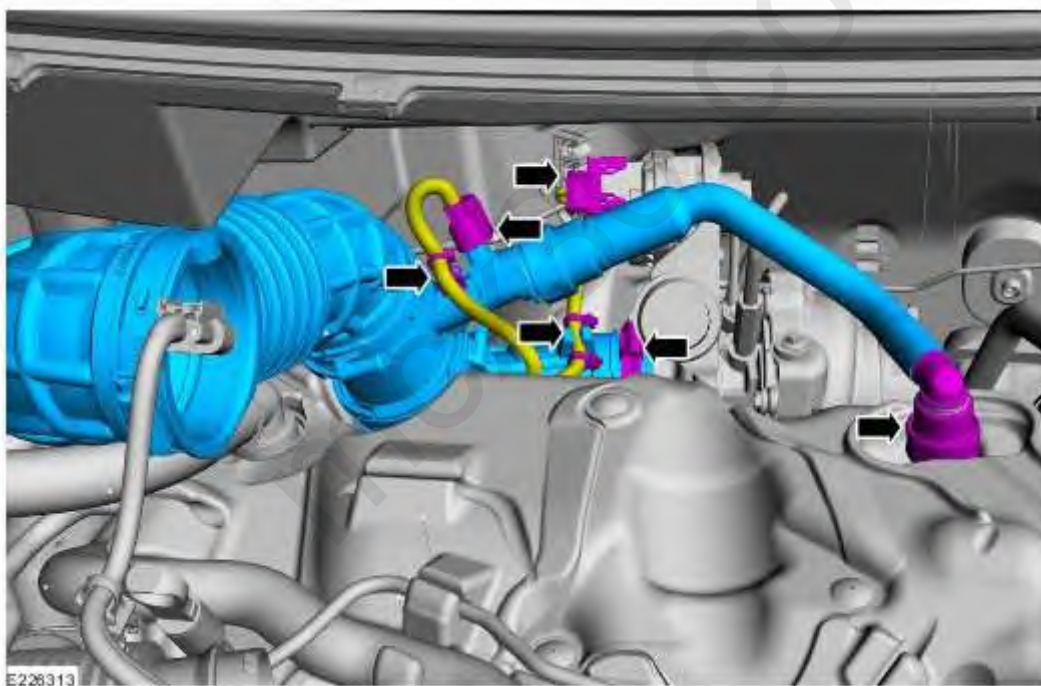
17. Torque: 25 Nm



18.



19.



20. Refer to: [Air Cleaner](#) (303-12A Intake Air Distribution and Filtering, Removal and Installation).