

Engine - TDV6 3.0L Diesel - Engine Oil Draining and Filling

General Procedures

Draining

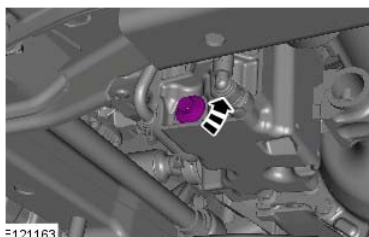
WARNING: The spilling of hot engine oil is unavoidable during this procedure, care must be taken to prevent scalding.

CAUTION: Make sure the engine is warm.

1. Refer to: [Oil Filter Element](#) (303-01A Engine - TDV6 3.0L Diesel, Removal and Installation).
2. **WARNING:** Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

3. Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).



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4. **WARNING:** Observe due care when draining engine oil as the oil can be very hot.

CAUTIONS:

- CAUTION:** Be prepared to collect escaping oil.
- CAUTION:** Discard the bolt.
- CAUTION:** Allow at least 10 minutes for the engine oil to drain.

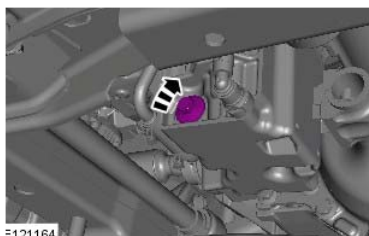
Drain the engine oil.

Filling

1. CAUTIONS:

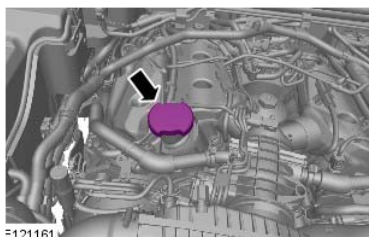
- CAUTION:** Make sure that the component is clean, free of foreign material and lubricant.
- CAUTION:** Make sure that a new bolt is installed.

Torque: 23 Nm



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2. Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).
3. Lower the vehicle.
4. Refer to: [Oil Filter Element](#) (303-01A Engine - TDV6 3.0L Diesel, Removal and Installation).
5. Fill the engine with oil.

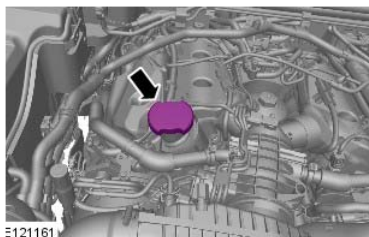


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6. **CAUTION:** Make sure that the vehicle is left for 5 minutes from filling with oil and that the engine oil level is reading at least minimum, before starting the engine. To check engine oil level follow steps 9-12.

Clean any residual engine oil from the oil filler cap area.

7.



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8.
 - Start the engine and allow to run for 10 minutes, stop the engine.
 - Check for leaks.

9. CAUTIONS:

- CAUTION:** Make sure that the vehicle is parked on level ground.
- CAUTION:** Make sure that the selector lever and the gearshift mechanism are in the park (P) position.
- CAUTION:** Make sure that the hood is open.

NOTE: Allow 10 minutes from the engine switch off for the engine oil level to stabilize.

- Turn the ignition on.

10.

- Press the right-hand directional button to access the instrument cluster menu.



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- 11.
- Press the right-hand OK button.



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- 12.
- Press the right-hand directional button to access the Oil Level Display.



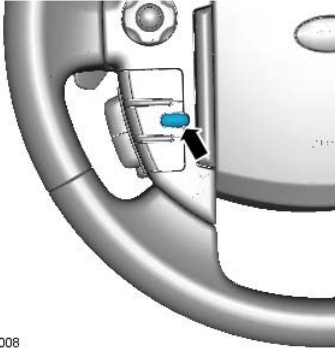
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- 13.
- Press the right-hand OK button and follow the instructions.



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- 14.



E121008

- Press the cruise control cancel button twice within 2 seconds.



E123929

15.

- The message center display will revert to the normal display in the trip computer.
- Press the right-hand OK button and follow the instructions.
- Check that the oil level display shows an oil level reading.
- Take a reading from the level display and, if necessary, top up with oil as instructed.

16. Turn the ignition off.

17. **NOTE:** Allow 10 minutes for the engine oil level to stabilize if there has been additional oil top up.

- Turn the ignition on.

18.

- Press the right-hand directional button to access the instrument cluster menu.



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19.

- Press the right-hand OK button.



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20.

- Press the right-hand directional button to access the Oil Level Display.



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21.

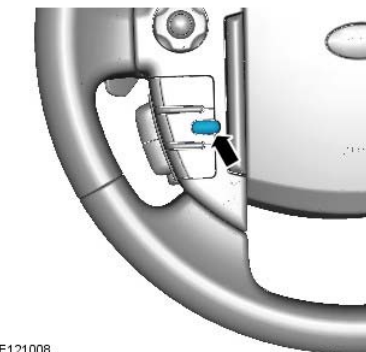
- Scroll through the trip menu to access the engine oil level display.



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22.

- Press the cruise control cancel button twice within 2 seconds.



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23.

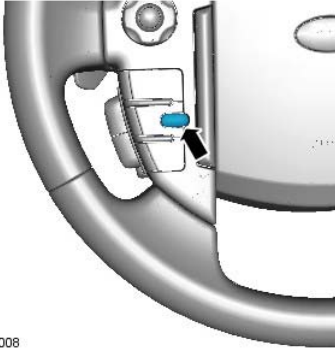
NOTE: Some variation in the illustrations may occur, but the essential information is always correct.

- The message center display will revert to the normal display in the trip computer.
- Scroll through the trip menu to access the engine oil level display.
- This display is now the live reading of the engine oil level.
- Take a reading from the level display and, if necessary, top up with oil as instructed.



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24.



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- Press and hold the cruise control cancel button for more than 2 seconds.

25.

- The message center display will revert to the normal display in the trip computer.

26. Turn the ignition off.

27. Turn the ignition on.

28. **NOTE:** Some variation in the illustrations may occur, but the essential information is always correct.



- Scroll through the trip menu to access the engine oil level display.
- Make sure that the average oil level value has now been updated.



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