

## Engine Oil Draining and Filling

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

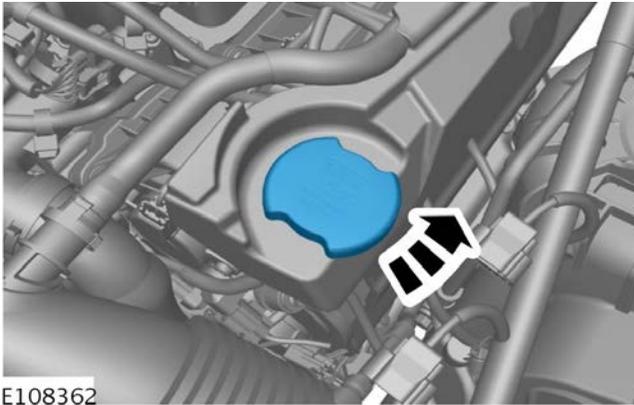
**CAUTION:** Correct installation of the oil filler cap can be obtained by tightening the cap until hard stop.

**NOTE:**

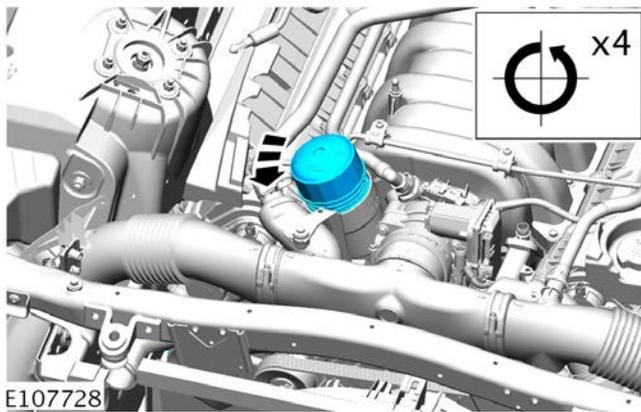
Clean the components general area prior to dismantling.

**CAUTION:** Make sure the engine is warm.

- 1 Start the engine and allow to run for 10 minutes, stop the engine.



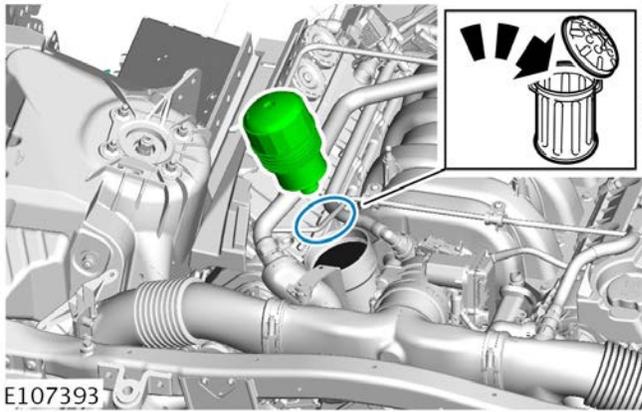
For additional information, refer to Engine Cover - 5.0L [See: Access Cover\Service and Repair](#)



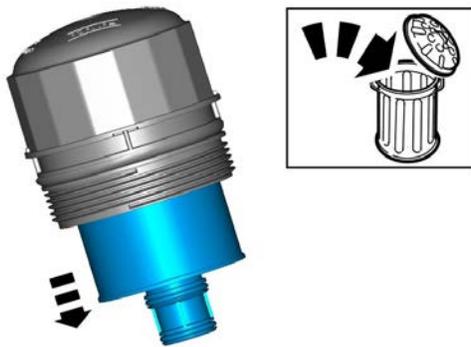
Loosen the element cover 4 complete turns to allow engine oil to drain from the filter cover. Make sure that the O-ring seal is exposed.

**NOTE:**

Allow 10 minutes for the engine oil to drain from the oil filter housing.



**NOTE:**  
Remove and discard the O-ring seal.



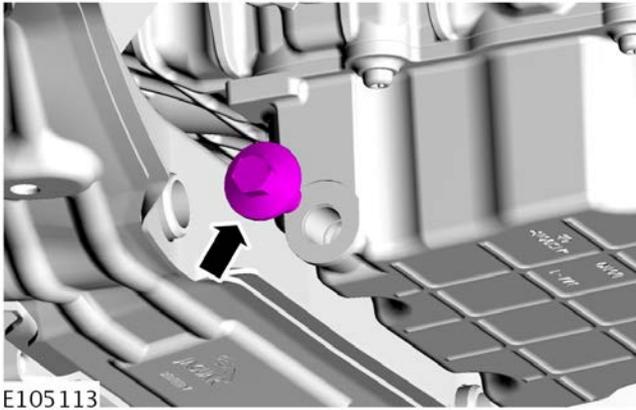
E107394

2 Remove and discard the [oil filter](#) element.

**WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

3 Raise and support the vehicle.

For additional information, refer to Air Deflector [See: Body and Frame\Spoilers, Flaps, and Air Dams\Air Dam\Service and Repair](#)

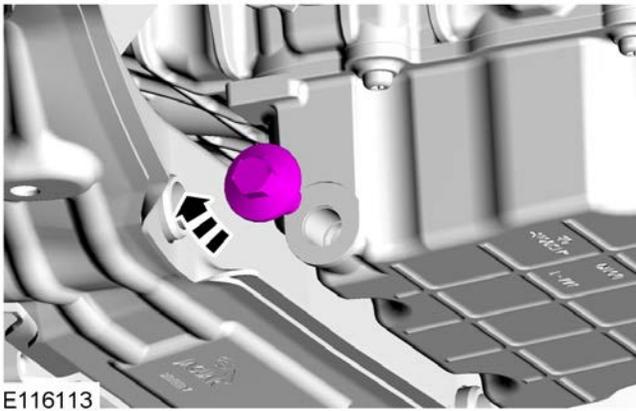


**CAUTION:** Be prepared to collect escaping oil.

**CAUTION:** Allow at least 10 minutes for the engine oil to drain.

**NOTE:**

Discard the sealing washer.



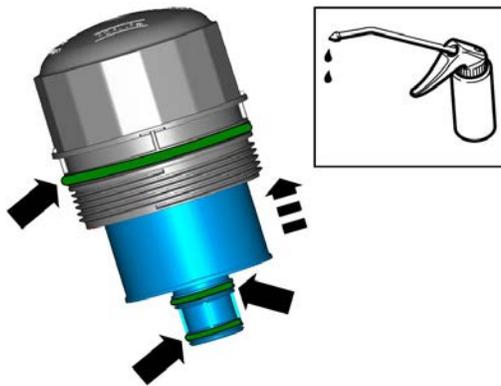
**CAUTION:** Make sure that the area around the component is clean and free of foreign material.

**NOTE:**

Install a new sealing washer.

Torque to: 24 Nm

For additional information, refer to Air Deflector [See: Body and Frame\Spoilers, Flaps, and Air Dams\Air Dam\Service and Repair](#)

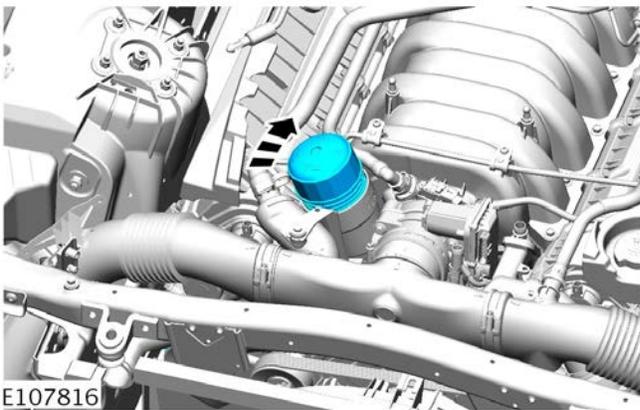


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**NOTE:**

Install new O-ring seals.

- 1 Lubricate the [oil filter](#) element O-ring seal with clean engine oil.



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**CAUTION:** Tighten the component finger tight first.

Torque to: 25 Nm

**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 (by following Steps 9-13), before starting the engine.

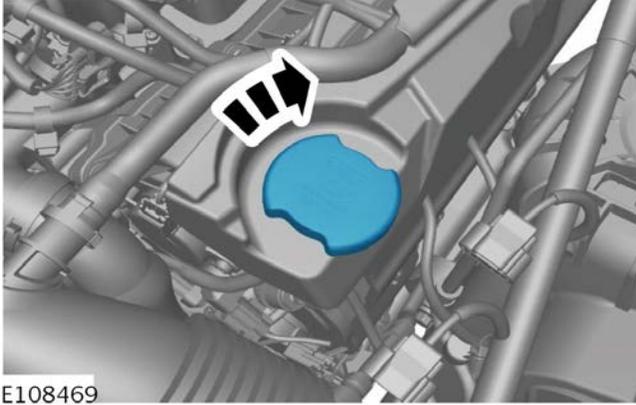
Fill the engine with oil - for filling values on vehicles without supercharger:

For additional information, refer to Specifications [See: Specifications\Mechanical](#)

Fill the engine with oil - for filling values on vehicles with supercharger:

For additional information, refer to Specifications [See: Specifications\Mechanical](#)

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



**CAUTION: Make sure that the vehicle has been left for 5 minutes from filling with oil.**

2 Follow the Steps 9-13 before starting the engine.

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

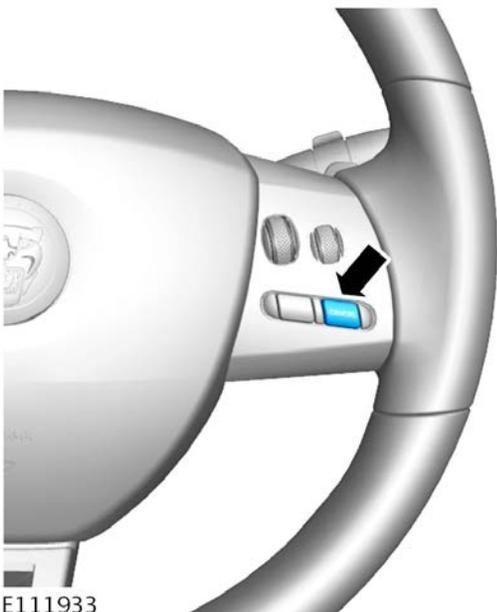
**CAUTION: Make sure that the selector lever and the gearshift mechanism are in the park (P) position.**

**CAUTION: Make sure that the hood is open.**  
Turn the ignition on.



E115112

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



E111933

Press the cruise control cancel button twice within 2 seconds.



E111932

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. Check that the oil level display shows an oil level reading.

Only after having started and run the engine for 10 minutes (as indicated in Step 8), switch off the engine, then stabilizing for 10 minutes, take a reading from the oil level display and, if necessary top up with engine oil.

**NOTE:**

If instructed to follow Steps 9-13 in a previous step, return to Step 8 and continue the procedure.

3 Turn the ignition off.

4 Allow 10 minutes for the engine oil level to stabilize if there has been additional oil top up.



E111933

**NOTE:**

The following steps are to update the average oil level value.

Turn the ignition on.

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

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

5 Turn the ignition off.

6 Turn the ignition on.



E111932

Scroll through the trip menu to access the engine oil level display.  
Make sure that the average oil level value has now been updated.  
For additional information, refer to Engine Cover - 5.0L [See: Access Cover\Service and Repair](#)