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How to change engine oil and filter on **FORD TRANSIT Bus (T\_\_)** – replacement guide







#### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### i Important!

This replacement procedure can be used for: FORD TRANSIT Bus  $(T_{-})$  2.5 D

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: FORD FOCUS (DAW, DBW) 1.8 TDCi

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## REPLACEMENT: ENGINE OIL AND FILTER - FORD TRANSIT BUS (T\_ \_). TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket #13
- Oil filter cup socket 65-14F

- Ratchet wrench
- Oil drain pan
- Funnel
- Fender cover

**Buy tools** 

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### Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). AUTODOC recommends:

- Replace the oil filter every time when changing motor oil.
- · Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car FORD TRANSIT Bus (T\_\_) should be done
  with the engine switched off.

#### CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- Open the hood.
- Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- Unscrew the oil filler plug.



Lift the car using a jack or place it over an inspection pit.

### Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). Tip from AUTODOC:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.
- All work should be done with the engine stopped.

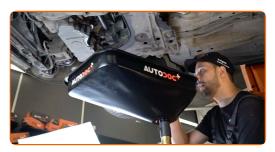
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Put a waste oil container with at least 5 l capacity under the drainage hole.



Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



Unscrew the drain plug. Use a drive socket #13. Use a ratchet wrench.



8 Drain the used oil.



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### Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). AUTODOC recommends:

- Wait until the oil has completely drained from the drainage hole.
- Caution! The oil may be hot.
- Clean the oil filter. Use all-purpose cleaning spray.
- Unscrew the oil filter. Use the 65-14F socket. Use a ratchet wrench.



Prepare a container for the old oil filter. Put the old oil filter in the container.



Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). AUTODOC experts recommend:

• Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

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Clean the oil filter seat. Use all-purpose cleaning spray.



Lubricate the rubber seal of the new filter with a little amount of fresh oil.

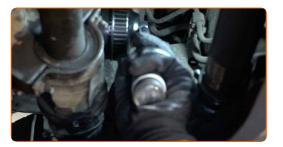


14 Install a new oil filter.



#### Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.
- Tighten the oil filter. Remember to observe the recommended tightening torque. Use the 65-14F socket. Use a torque wrench. Tighten it to 20 Nm torque.



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## Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). Tip from AUTODOC:

- Wait until the oil has completely drained from the drainage hole.
- Clean the area of the oil pan drainage hole.
- Screw in the new drainage plug and tighten it. Use a drive socket #13. Use a torque wrench. Tighten it to 26 nm torque.



Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- Lower the car.
- Remove the oil filler cap.



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21 Insert the funnel.



Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). Professionals recommend:

- Use the oil recommended by the manufacturer.
- Check the oil level using the dipstick. Top up oil if necessary.



#### Please note!

• The oil level should be between the Min and Max marks.

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- 24 Install the oil filler cap.
- 25 Tighten the oil filler cap.



- Run the engine for a few minutes.
- After the oil pressure warning light goes out, stop the engine.
- Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



#### Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

Remove the fender protection cover.

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Close the hood.

#### Replacement: engine oil and filter – FORD TRANSIT Bus (T\_ \_). Tip:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.



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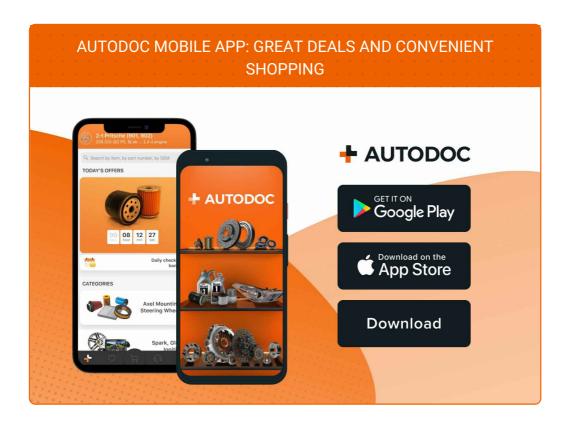
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