# + AUTODOC CLUB

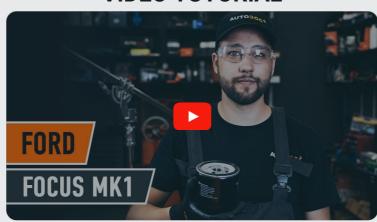
How to change engine oil and filter on **Ford Focus DAW** – replacement guide







#### **VIDEO TUTORIAL**



# (i) Important!

This replacement procedure can be used for:

FORD TRANSIT Bus  $(V_{-})$  2.5 D, FORD TRANSIT Bus  $(T_{-})$  2.5 D, FORD TRANSIT Box  $(T_{-})$  2.5 D, FORD TRANSIT Bus  $(E_{-})$  2.5 DI, FORD TRANSIT Bus  $(E_{-})$  2.5 TD, FORD TRANSIT MK-5 Box  $(E_{-})$  2.5 DI, FORD TRANSIT MK-5 Box  $(E_{-})$  2.5 DI, FORD TRANSIT MK-4 Box  $(E_{-})$  2.5 DI, FORD TRANSIT MK-4 Box  $(E_{-})$  2.5 DI, FORD TRANSIT Box  $(V_{-})$  2.5 D, FORD TRANSIT Platform/Chassis  $(V_{-})$  2.5 D, FORD TRANSIT Platform/Chassis  $(V_{-})$  2.5 DI, FORD Transit Mk4 Platform/Chassis  $(V_{-})$  2.5 DI, FORD Transit Mk4 Platform/Chassis  $(V_{-})$  2.5 DI,  $(V_$ 

The steps may slightly vary depending on the car design.

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# REPLACEMENT: ENGINE OIL AND FILTER – FORD FOCUS DAW. 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 Focus DAW. 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 Focus DAW 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.



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4







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



# Replacement: engine oil and filter – Ford Focus DAW. 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.
- 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.



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



Brain the used oil.



## Replacement: engine oil and filter – Ford Focus DAW. 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.



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



# Replacement: engine oil and filter – Ford Focus DAW. 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.
- 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.



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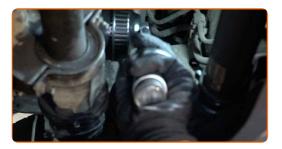


14 Install a new oil filter.



#### 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.



Replacement: engine oil and filter – Ford Focus DAW. Tip from AUTODOC:

- Wait until the oil has completely drained from the drainage hole.
- Clean the area of the oil pan drainage hole.

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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.



21 Insert the funnel.



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Pour oil into the engine through the filler. Required amount of oil: 4,6 l.



# Replacement: engine oil and filter – Ford Focus DAW. 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.
- 24 Install the oil filler cap.

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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.

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Remove the fender protection cover.



Close the hood.



## Replacement: engine oil and filter – Ford Focus DAW. 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.



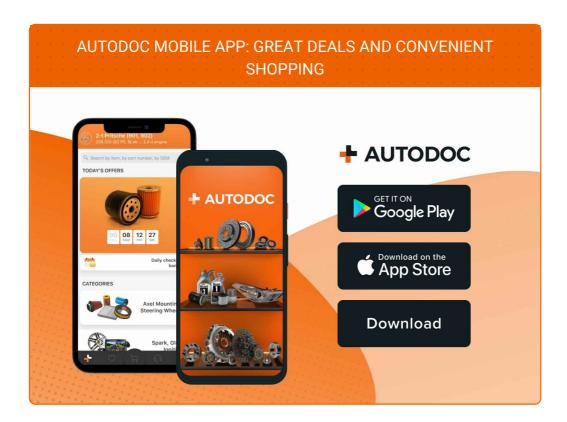
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