



How to change engine oil
and filter on **FORD S-Max**
Mk1 (WA6) –
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 S-Max Mk1 (WA6) 1.6 EcoBoost

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 Mk2 Estate (DA_, FFS, DS) 1.4

- All-purpose cleaning spray
- Oil filter cup socket 76-30F
- Impact socket №10
- Impact socket №13
- Ratchet wrench
- Torque wrench
- Flat screwdriver
- Oil drain pan
- Funnel
- Fender cover

2-11

Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). Tip from AUTODOC:

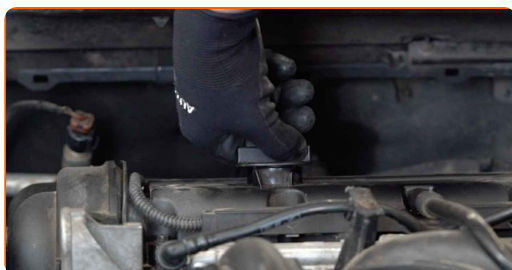
- Replace the oil filter every time when changing motor oil.
- All work should be done with the engine stopped.
- Wear gloves to prevent contact with hot liquid.

REPLACEMENT: ENGINE OIL AND FILTER – FORD S-MAX MK1 (WA6). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Unscrew the oil filler plug.

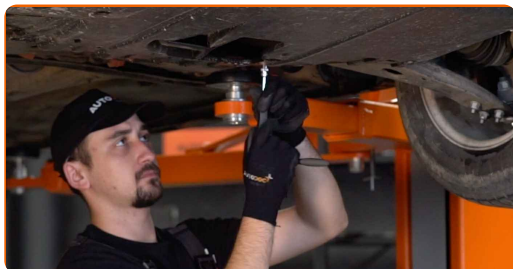


4 Lift the car using a jack or place it over an inspection pit.

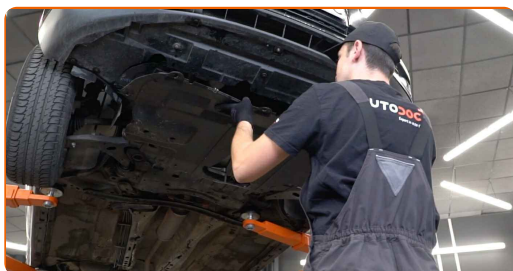
AUTODOC recommends:

- 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.

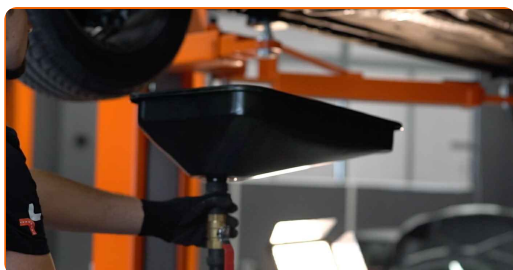
- 5 Undo the fasteners of the oil pan lower cover.



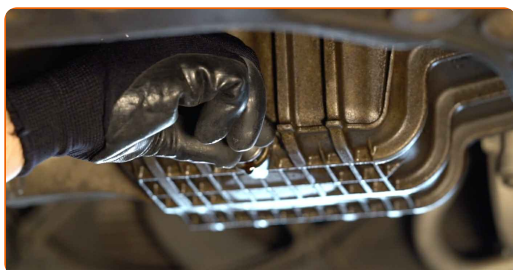
- 6 Remove the oil pan cover. Use a drive socket #10. Use a flat screwdriver. Use a ratchet wrench.



- 7 Put a waste oil container with at least 4 l capacity under the drainage hole.

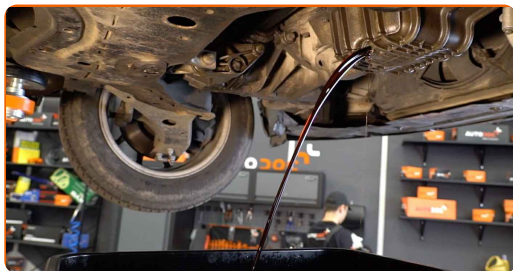


- 8.1 Unscrew the drain plug. Use a drive socket #13. Use a ratchet wrench.



8.2

Drain the used oil.

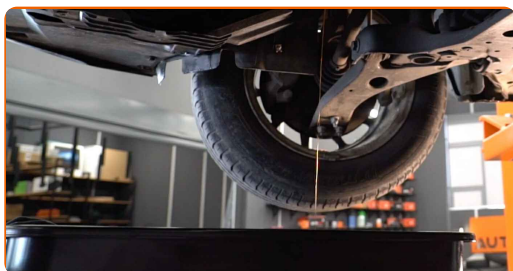


Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). Tip:

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

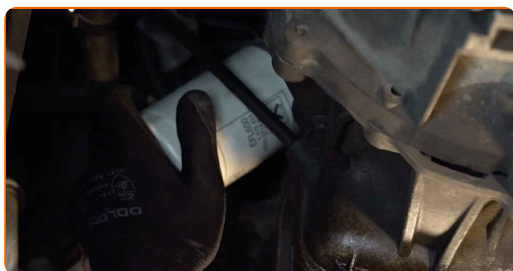
9

Move the container under the oil filter.



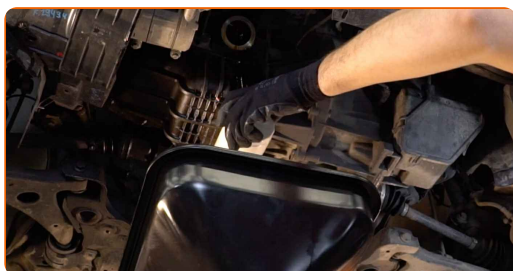
10

Unscrew the oil filter.



11

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

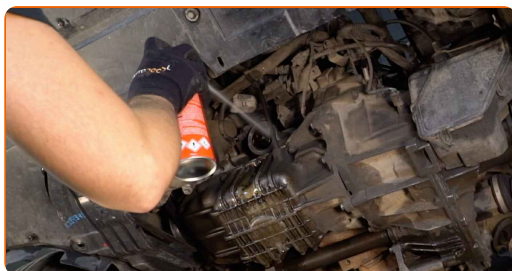


Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). Tip from AUTODOC experts:

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

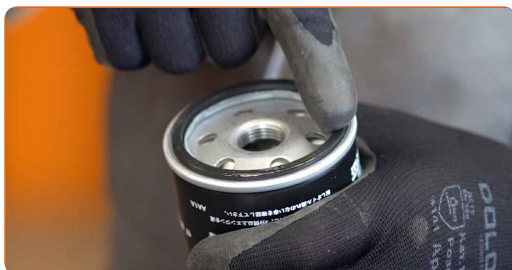
12

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



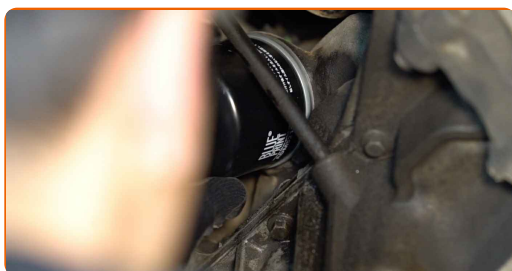
13

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

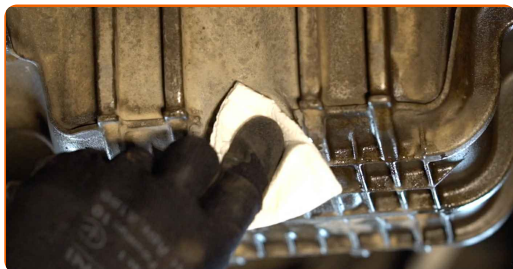


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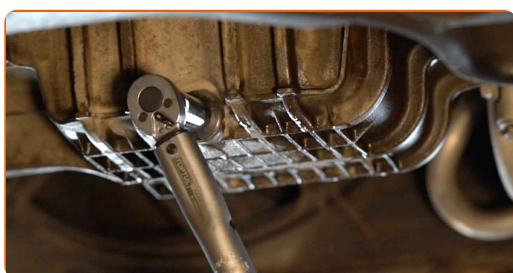
Screw the new filter into its place. Use the 76-30F socket. Use a torque wrench. Tighten it to 18 nm torque.



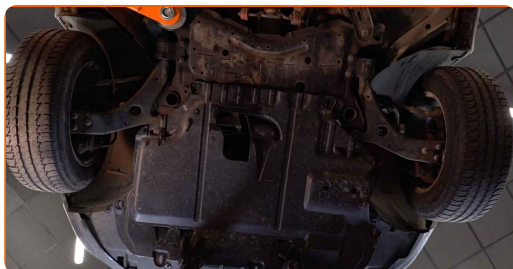
- 15** Clean the area of the oil pan drainage hole.



- 16** Screw in the new drainage plug and tighten it. Use a drive socket #13. Use a torque wrench. Tighten it to 27 nm torque.

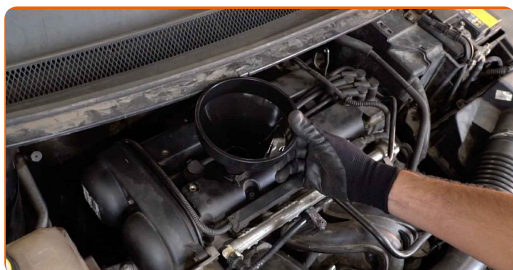


- 17** Reinstall the oil pan lower cover. Tighten the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench.



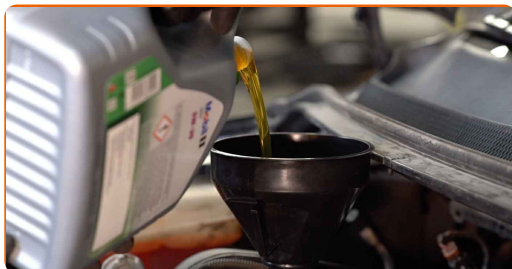
- 18** Lower the car.

- 19** Unscrew the oil filler plug. Insert the funnel.



20

Pour oil into the engine through the filler. Required amount of oil: 3.7 L.

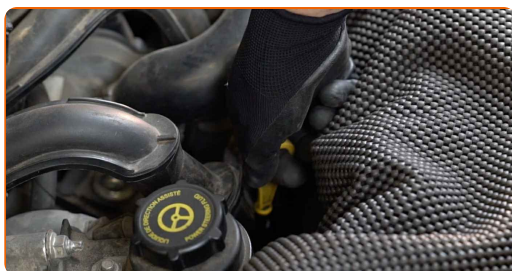


Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). Professionals recommend:

- Use the oil recommended by the manufacturer.

21

Check the oil level using the dipstick. Top up oil if necessary.

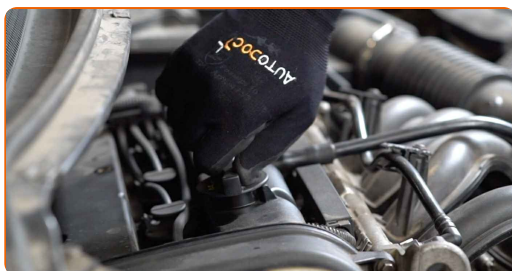


Please note!

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

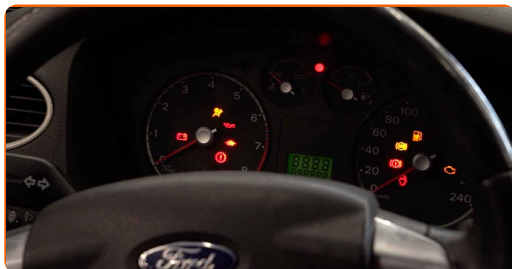
22

Tighten the oil filler cap.



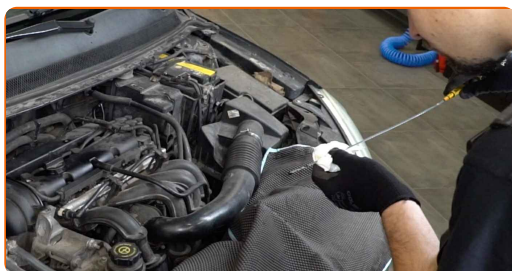
23

Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.



24

Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). Tip from AUTODOC:

- 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.

25

Remove the fender protection cover.

26

Close the hood.

Replacement: engine oil and filter – FORD S-Max Mk1 (WA6). AUTODOC experts recommend:

- 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.

WELL DONE!

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