



How to change the oil
filter and engine oil on
the **FORD S-Max Mk1**
MPV – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

This replacement procedure can be used for:

FORD S-Max Mk1 MPV 2.0 TDCi

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 TRANSIT MK-7 Box 2.2 TDCi

REPLACEMENT: ENGINE OIL AND FILTER – FORD S-MAX MK1 MPV. TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- 13 mm socket
- 30 mm socket
- Ratchet wrench
- Flat screwdriver
- Funnel
- Oil drain pan
- Fender cover

Buy tools

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

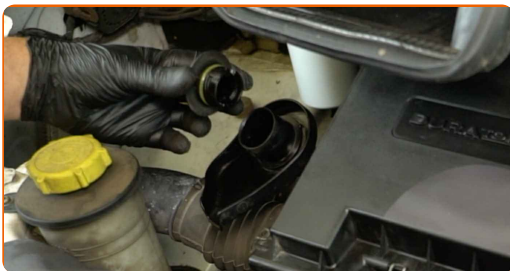
- Replace the oil filter every time you change the engine oil.
- Before getting down to work, warm up the engine to reduce the viscosity of the oil.
- Wear gloves to prevent contact with hot liquid.
- Warning! Shut down the engine before starting any work – FORD S-Max Mk1 MPV.

CARRY OUT THE REPLACEMENT STEPS AS FOLLOWS:

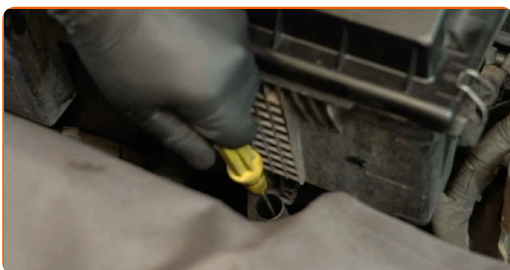
1 Open the bonnet.

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

3 Unscrew the oil filler cap.



4 Pull up the oil dipstick.



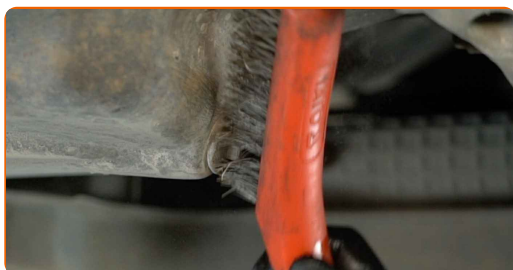
5 Raise the car using a car lift or place it over an inspection pit.

Warning!

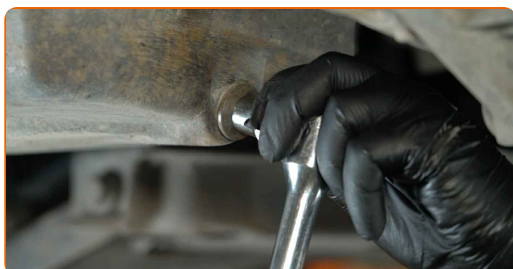
- The vehicle must be level, but if it is at an angle, the drain plug must be at the lowest point.

6 Put an oil drain pan with a capacity of at least 7 litres under the drain hole.

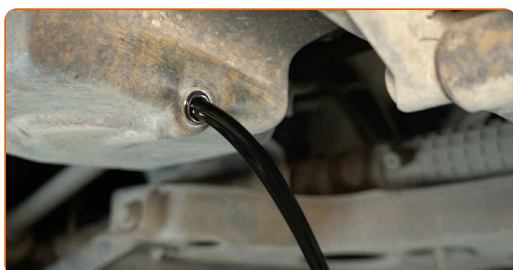
7 Clean the area of the oil pan drain hole. Use a wire brush. Use an all-purpose cleaning spray.



8 Unscrew the drain plug. Use a 13 mm socket. Use a ratchet wrench.



9 Drain the used oil.



Caution!

- The oil may be hot.
- Wait until the oil has completely flowed out of the drain hole.

10

Clean the oil filter cap. Use an all-purpose cleaning spray.



11

Unscrew the filter cap together with the old filter element. Use a 30 mm socket. Use a ratchet wrench.



Caution!

- The oil may be hot.

12

Remove the filter element from the filter cap. Remove the old O-ring of the oil filter cap. Use a flat screwdriver.



13 Remove the O-ring from the drain plug. Use a flat screwdriver.



14 Clean the oil filter cap. Use an all-purpose cleaning spray.



15 Clean the drain plug. Use an all-purpose cleaning spray.



16 Install a new O-ring on the drain plug.



17 Install a new O-ring on the oil filter cap.



18 Lubricate the new O-ring with a small amount of fresh oil.



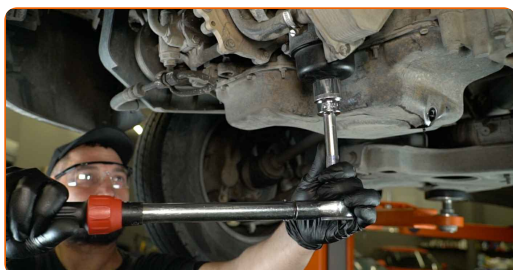
19 Install a new filter element into the oil filter cap.



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



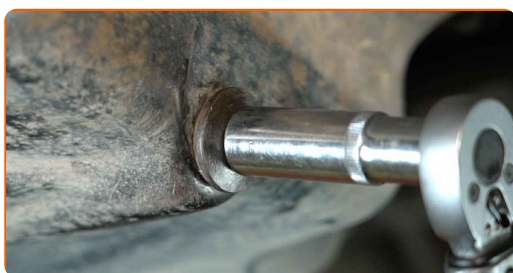
21 Install the oil filter cap and screw it in. Use a 30 mm socket. Use a torque wrench. Tightening torque: 20 N·m.



22 Clean the area of the oil pan drain hole. Use an all-purpose cleaning spray.

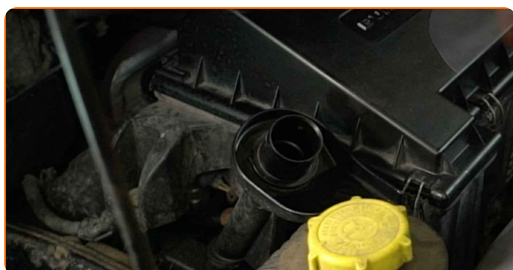


23 Screw in the drain plug and tighten it. Use a 13 mm socket. Use a torque wrench. Tightening torque: 23 N·m.

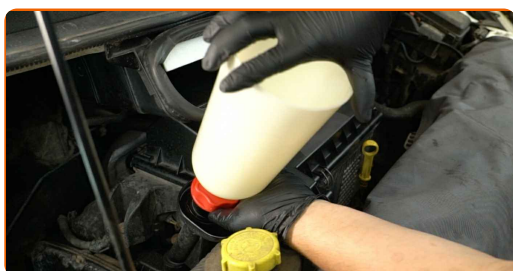


24 Lower the car back to the ground.

25 Remove the oil filler cap.



26 Insert the funnel.



27

Pour oil into the engine through the filler. Required amount of oil: 6.14 L.

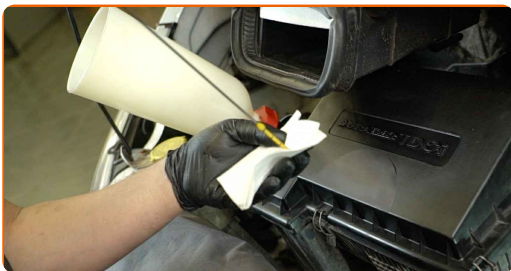


Important!

- Use the oil recommended by the manufacturer.

28

Check the oil level using the dipstick.



Replacement: engine oil and filter – FORD S-Max Mk1 MPV. AUTODOC recommends:

- The oil level should be between the Min and Max marks.
- Top up oil if necessary.

29

Remove the funnel and screw in the oil filler cap.



30

Run the engine for a few minutes.

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

- The 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 passages, and the light will go out.

31

Check the oil level with a dipstick in 5 minutes after turning the engine off and add oil if necessary.



Warning!

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

32

Make sure that the oil filler cap is properly tightened. Check the threaded plug of the drain hole and the oil filter seal for tightness. If necessary, tighten them up carefully.



33

Remove the fender cover.

34

Close the bonnet.

AUTODOC recommendation:

- To protect the environment from pollution, be sure to dispose of the used filters and oil at special collection points.

WELL DONE! **VIEW MORE TUTORIALS**

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