



How to change engine oil  
and filter on **Ford Fiesta**  
**JA8** – replacement guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

FORD C-Max II (DXA/CB7, DXA/CEU) 1.6 TDCi, FORD Grand C-Max (DXA/CB7, DXA/CEU) 1.6 TDCi, FORD Galaxy Mk2 (WA6) MPV 1.6 TDCi, FORD S-Max Mk1 (WA6) 1.6 TDCi, FORD Mondeo Mk4 Hatchback (BA7) 1.6 TDCi, FORD Mondeo Mk4 Estate (BA7) 1.6 TDCi, FORD Focus Mk3 Saloon (DYB) 1.6 TDCi, FORD Focus Mk3 Hatchback (DYB) 1.6 TDCi, FORD Focus Mk3 Estate (DYB) 1.6 TDCi, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 TDCi, FORD Fiesta Mk6 Van 1.4 TDCi, FORD Fiesta Mk6 Van 1.6 TDCi, FORD Focus Mk2 Estate (DA\_, FFS, DS) 1.6 TDCi, FORD Focus Mk2 Hatchback (DA\_, HCP, DP) 1.6 TDCi, FORD C-Max (DM2) 1.6 TDCi, (+ 65)

The steps may slightly vary depending on the car design.

## REPLACEMENT: ENGINE OIL AND FILTER – FORD FIESTA JA8. TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Drive socket # 7
- Drive socket # 21
- Drive socket # 27
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Oil drain pan
- Funnel
- Microfibre towel
- Fender cover

[BUY TOOLS](#)

## Replacement: engine oil and filter – Ford Fiesta JA8. Professionals recommend:

- 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 Fiesta JA8 – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

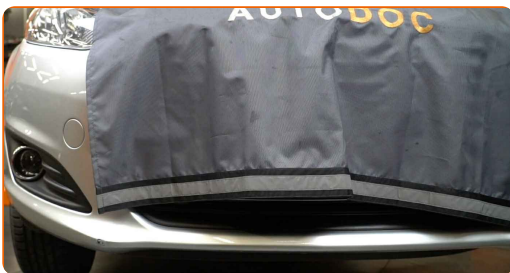
1

Open the hood.



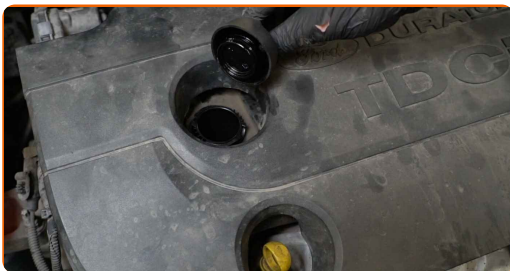
2

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.

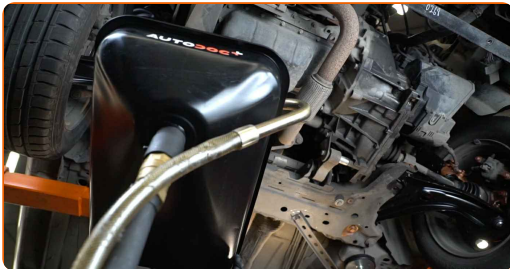


Replacement: engine oil and filter – Ford Fiesta JA8. AUTODOC experts recommend:

- 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.

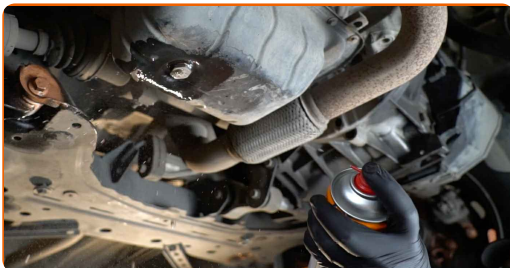
5

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



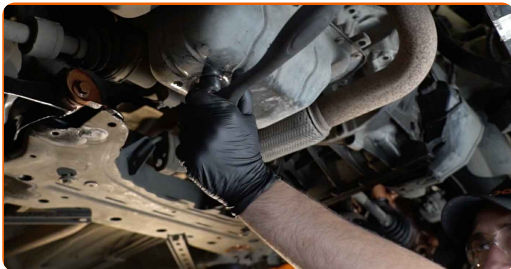
6

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



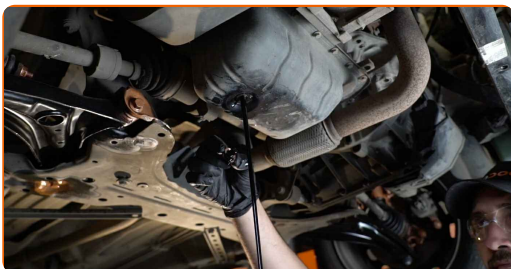
7

Unscrew the drain plug. Use a drive socket #21. Use a ratchet wrench.



8

Drain the used oil.

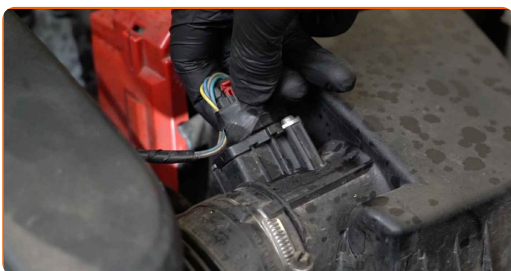


### Replacement: engine oil and filter – Ford Fiesta JA8. Tip:

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

9

Unplug the mass air flow sensor connector.





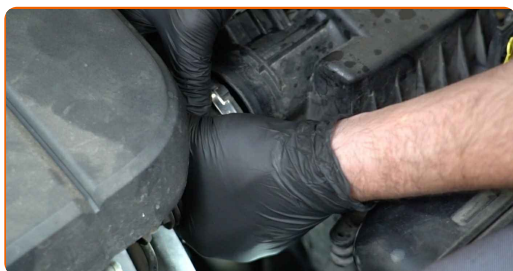
10

Detach the air intake hose clamp. Use a drive socket #7. Use a ratchet wrench.



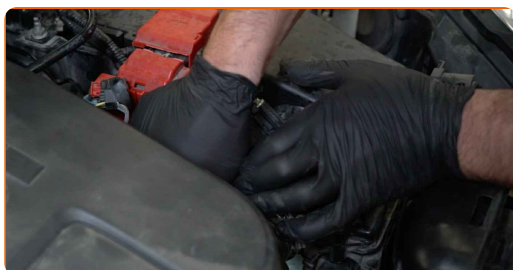
11

Remove the air intake pipe. Use a crowbar.



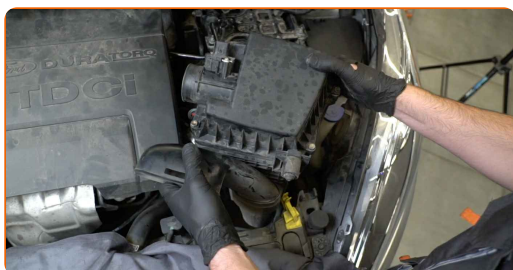
12

Disconnect the crankcase ventilation hose from the air duct.



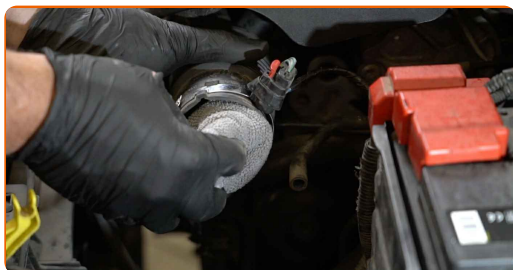
13

Remove the air filter housing.

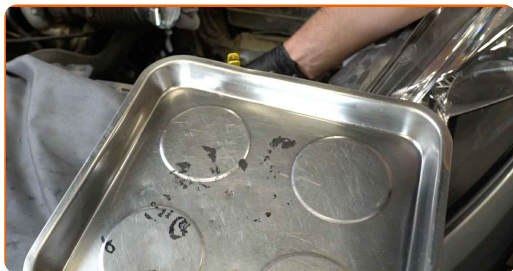


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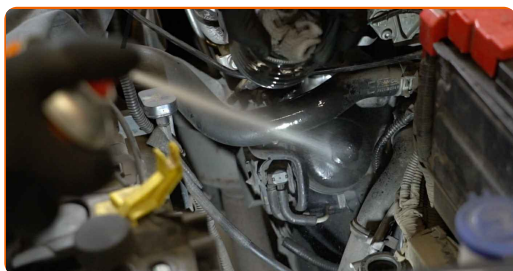
Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



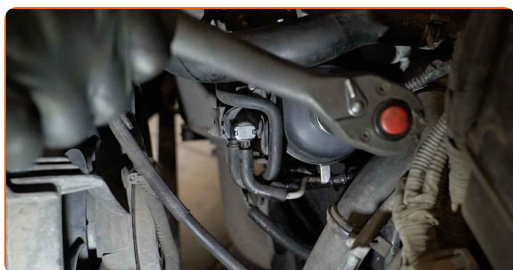
- 15 Prepare a container for the old oil filter.



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



- 17 Unscrew the filter housing cap together with the old filter element. Use a drive socket #27. Use a ratchet wrench.



- 18 Put the old oil filter in the container.



### AUTODOC recommends:

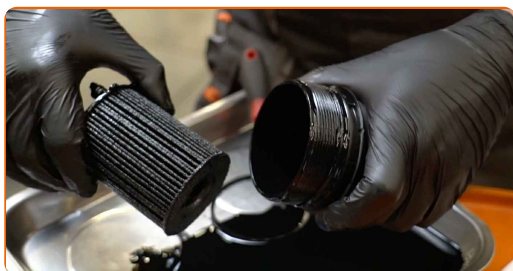
- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.



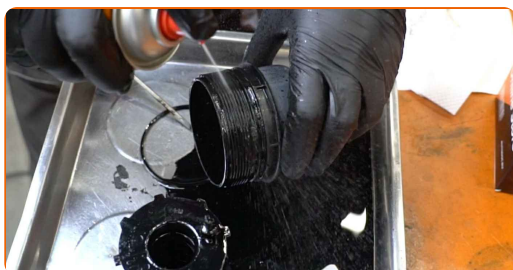
19 Remove the oil filter cover O-ring. Use a flat screwdriver.



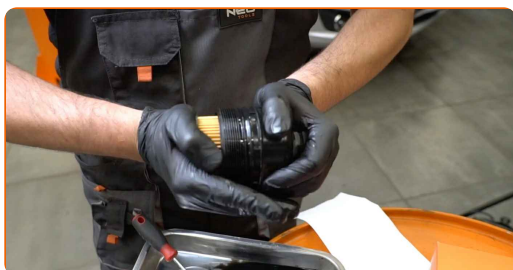
20 Detach the oil filter from the filter cover.



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



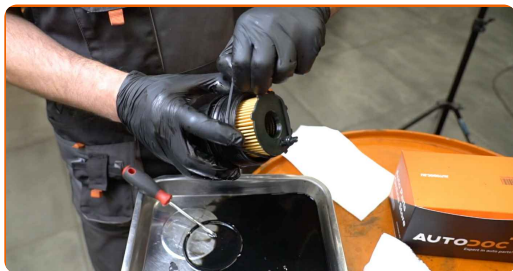
22 Install the new oil filter to the mounting seat on the filter cover.



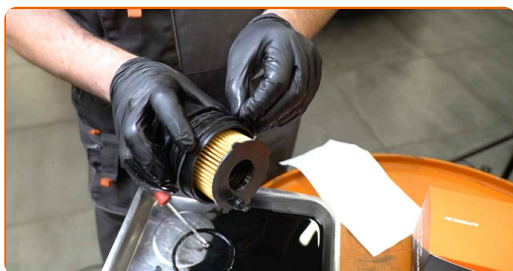
Replacement: engine oil and filter – Ford Fiesta JA8. AUTODOC experts recommend:

- Make sure to install the filter correctly. Don't mix up the sides of the part.

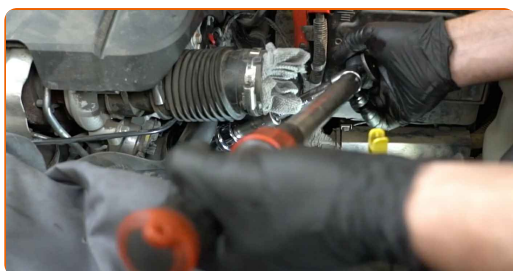
- 23 Install a new O-ring to its mounting seat on the filter cover.



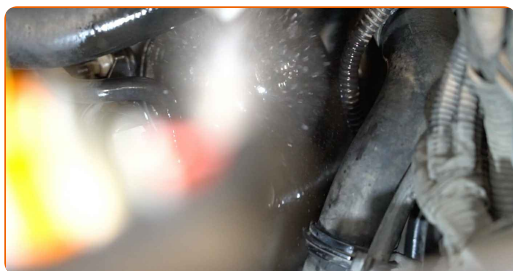
- 24 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



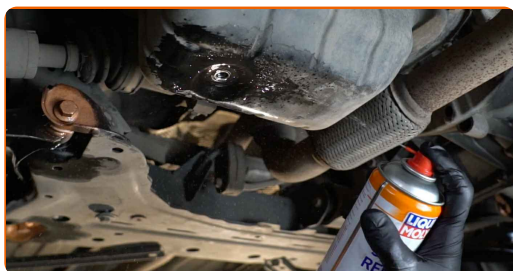
- 25 Install a new oil filter housing cover and tighten it. Use a drive socket #27. Use a torque wrench. Tighten it to 25 Nm torque.



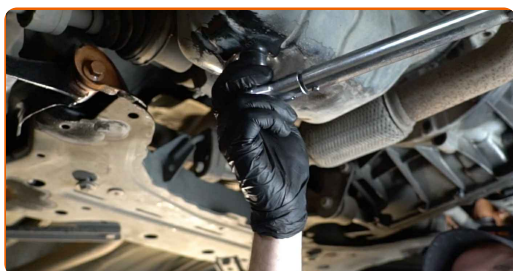
- 26 Clean the oil filter housing cap. Use all-purpose cleaning spray.



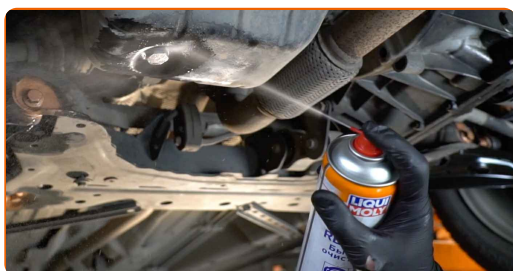
- 27 Clean the area of the oil pan drainage hole.



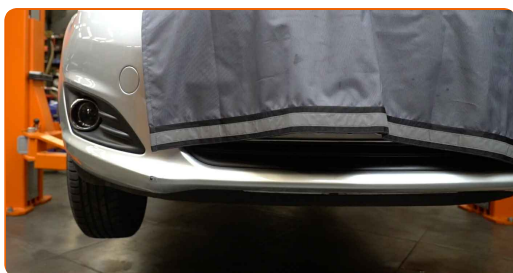
- 28** Screw in the new drainage plug and tighten it. Use a drive socket #21. Use a torque wrench. Tighten it to 28 Nm torque.



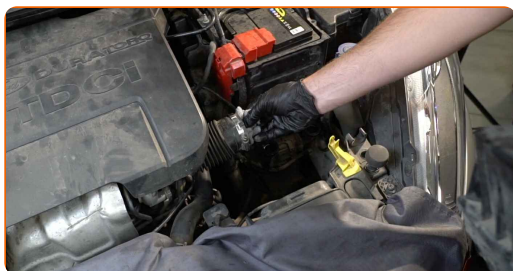
- 29** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



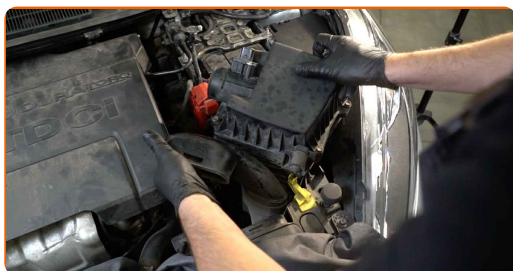
- 30** Lower the car.



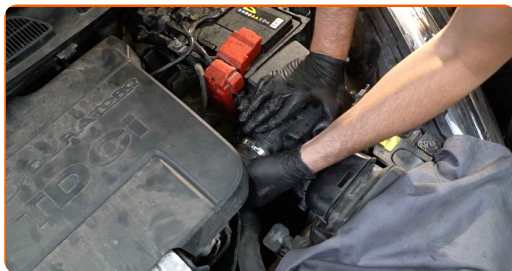
- 31** Remove the microfibre towel from the air intake hose.



- 32** Reinstall the air filter housing.



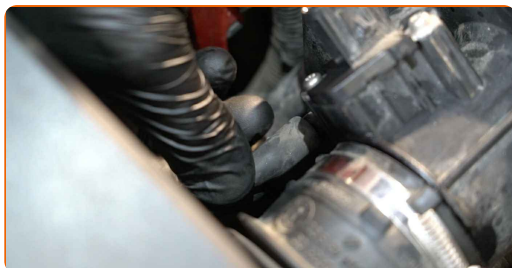
- 33** Install the air intake pipe and secure it.



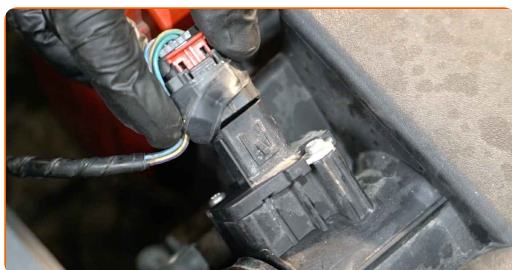
- 34** Fasten the clamp on the air intake hose. Use a drive socket #7. Use a ratchet wrench.



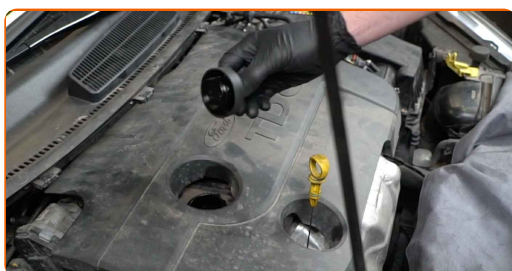
- 35** Connect the crankcase ventilation hose to the air duct.



- 36** Plug in the mass air flow sensor connector.



- 37** Remove the oil filler cap.





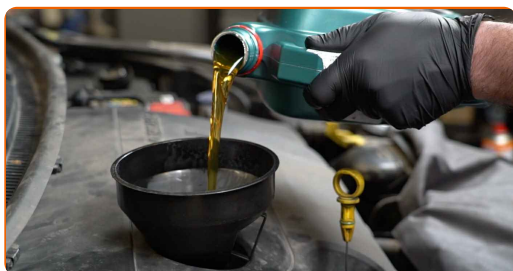
38

Insert the funnel.



39

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

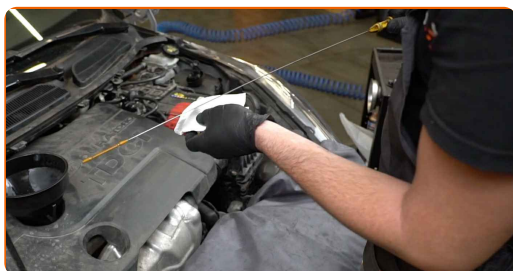


Replacement: engine oil and filter – Ford Fiesta JA8. AUTODOC recommends:

- Use the oil recommended by the manufacturer.

40

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.

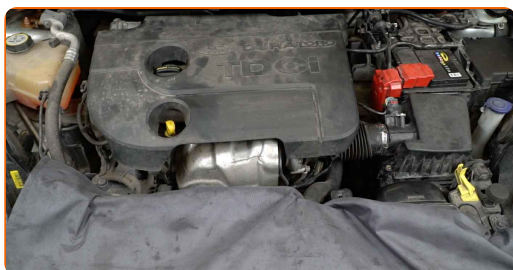
**41** Install the oil filler cap.



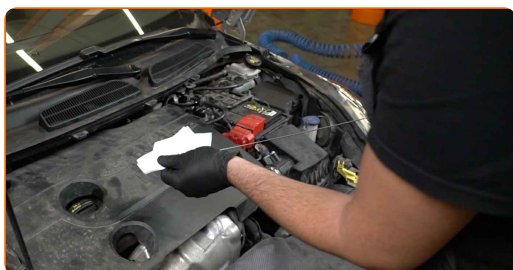
**42** Tighten the oil filler cap.



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



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



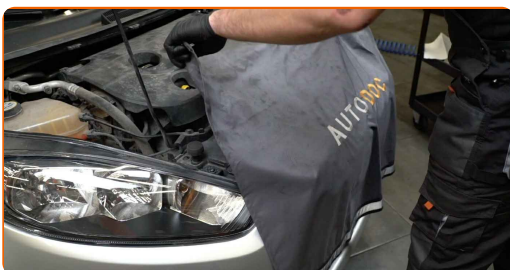


### Please note!

- 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.

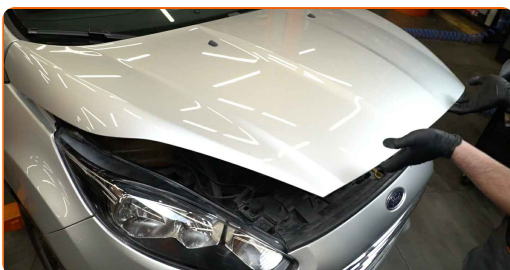
45

Remove the fender protection cover.



46

Close the hood.



Replacement: engine oil and filter – Ford Fiesta JA8. Professionals 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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