



How to change engine oil
and filter on **Opel Astra G**
F48 – replacement guide

VIDEO TUTORIAL



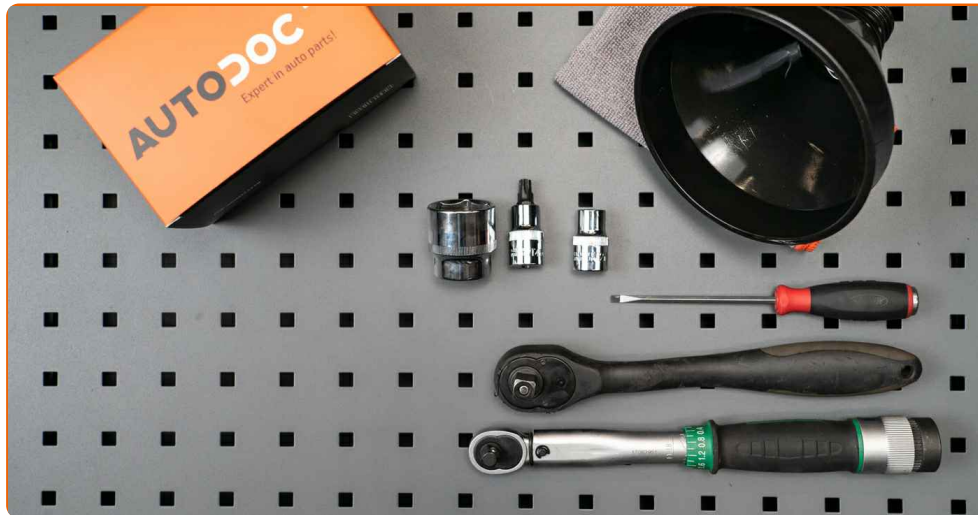
Important!

This replacement procedure can be used for:

OPEL Corsa D Hatchback (S07) 1.4 (L08, L68), OPEL Meriva A (X03) 1.4 16V Twinport LPG (E75), OPEL Corsa B Hatchback (S93) 1.0 i 12V (F08, F68, M68), OPEL Astra G CC (T98) 1.2 16V (F08, F48), OPEL Astra G Caravan (T98) 1.2 16V (F35), OPEL Corsa B Hatchback (S93) 1.2 i 16V (F08, F68, M68), OPEL Astra H Caravan (A04) 1.4 (L35), OPEL Corsa D Hatchback (S07) 1.0 (L08, L68), OPEL Corsa D Van (S07) 1.2 (L08), OPEL Astra H GTC (A04) 1.4 (L08), OPEL Astra H Hatchback (A04) 1.4 LPG (L48), OPEL Astra H Hatchback (A04) 1.4 (L48), OPEL Astra G Saloon (T98) 1.2 16V (F69), OPEL Agila A (H00) 1.0 12V (F68), OPEL Agila A (H00) 1.2 16V (F68), (+ 20)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – OPEL
ASTRA G F48. LIST OF THE TOOLS YOU'LL NEED:



- Torx bit T45
- Drive socket # 12
- Drive socket # 32
- Ratchet wrench
- Torque wrench
- Flat screwdriver
- Oil drain pan
- Funnel
- Microfibre towel
- Fender cover

BUY TOOLS

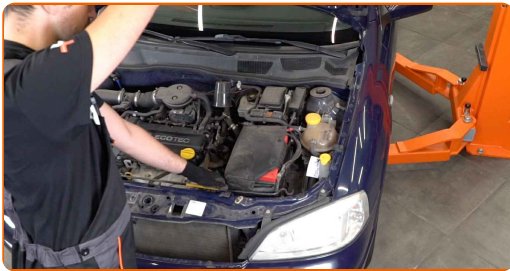
Replacement: engine oil and filter – Opel Astra G F48. Tip from AUTODOC experts:

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

REPLACEMENT: ENGINE OIL AND FILTER – OPEL ASTRA G F48. TAKE THE FOLLOWING STEPS:

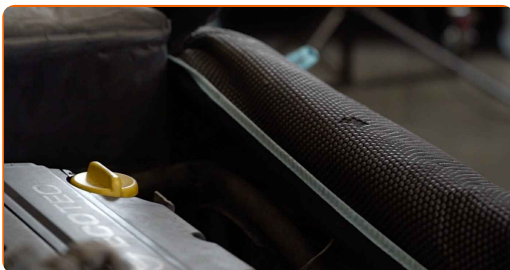
1

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 Pull down the coolant pipe.



5 Clean the oil filter housing cap.



6 Unscrew the filter housing cap together with the old filter element. Use a drive socket #32. Use a ratchet wrench.



7 Prepare a container for the old oil filter.



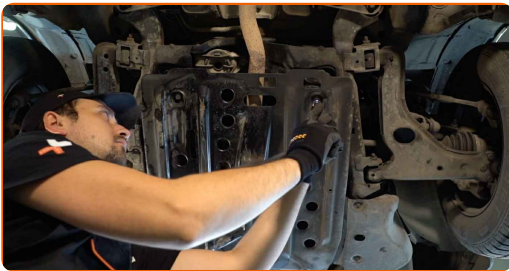
8 Put the old filter cartridge in the container.



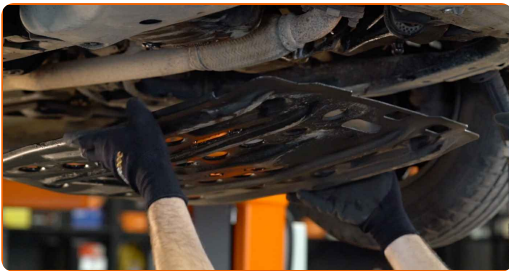
9 Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.



10 Undo the fasteners of the oil pan lower cover.



11 Remove the oil pan cover. Use a drive socket #12. Use a ratchet wrench.

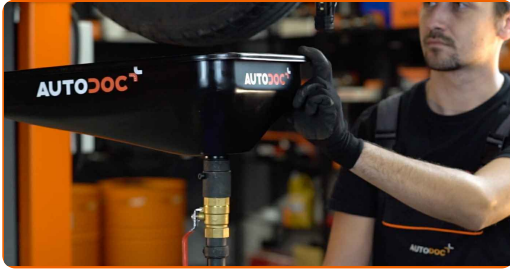


12 Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – Opel Astra G F48. 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.

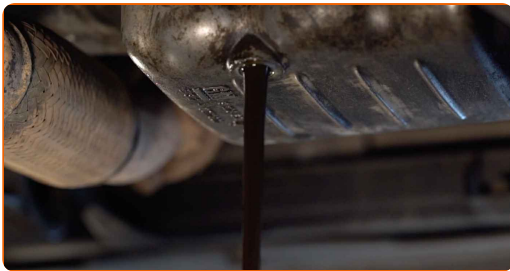
13 Put a waste oil container with at least 3.5 l capacity under the drainage hole.



14 Unscrew the drain plug. Use Torx T45. Use a ratchet wrench.



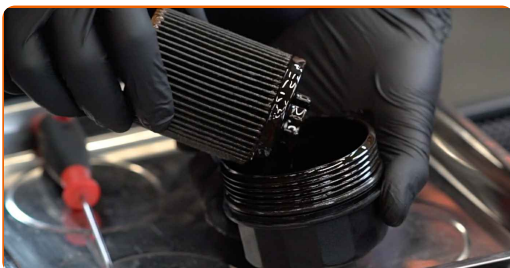
15 Drain the used oil.



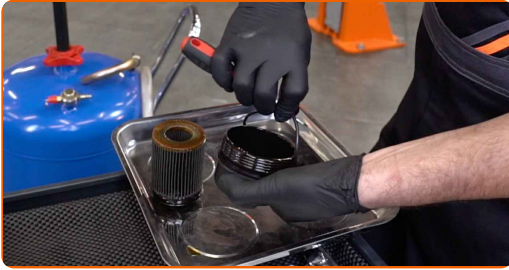
Replacement: engine oil and filter – Opel Astra G F48. Professionals recommend:

- Caution! The oil may be hot.

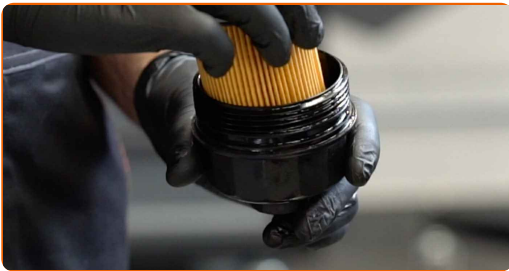
16 Detach the oil filter from the filter cover.



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



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



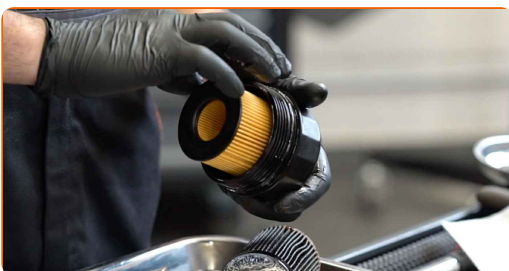
Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.
- Wait until the oil has completely drained from the drainage hole.

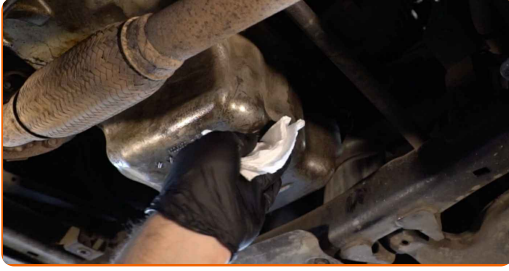
19 Install a new O-ring to its mounting seat on the filter cover.



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



21 Clean the area of the oil pan drainage hole.



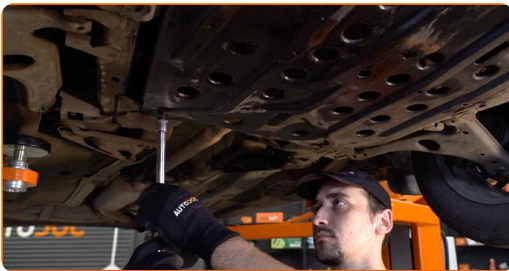
22 Screw in the new drainage plug and tighten it. Use Torx T45. Use a torque wrench. Tighten it to 20 Nm torque.



23 Reinstall the oil pan lower cover.

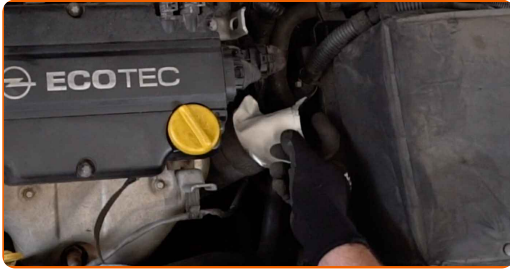


24 Tighten the fasteners of the oil pan lower cover. Use a drive socket #12. Use a ratchet wrench.



25 Lower the car.

26 Remove the microfibre towel from the oil filter housing.



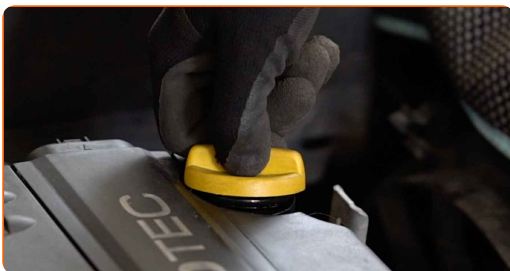
27 Screw the new filter into its place.



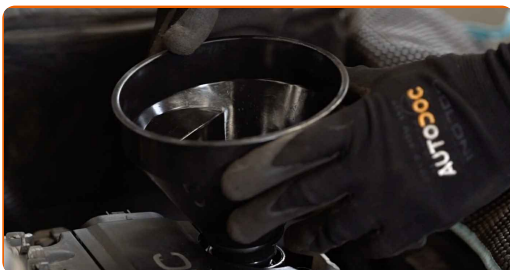
28 Screw the cap. Use a drive socket #32. Use a torque wrench. Tighten it to 15 Nm torque.



29 Remove the oil filler cap.



30 Insert the funnel.



31

Pour oil into the engine through the filler. Required amount of oil: 3.5 l.

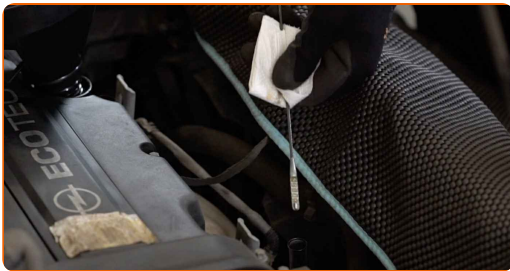


Replacement: engine oil and filter – Opel Astra G F48. Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

32

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

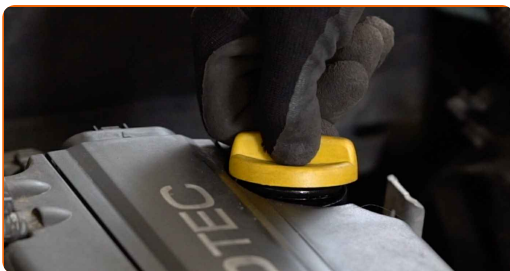


Please note!

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

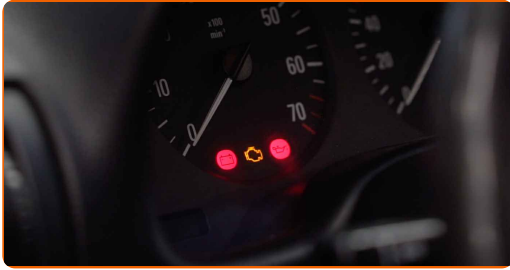
33

Tighten the oil filler cap.



34

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



35

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

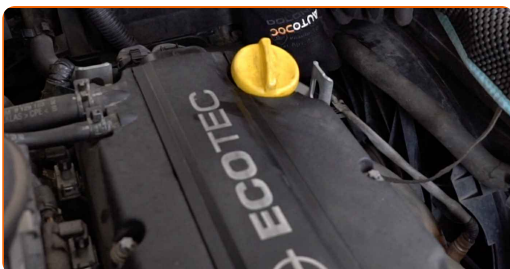


Please note!

- 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.

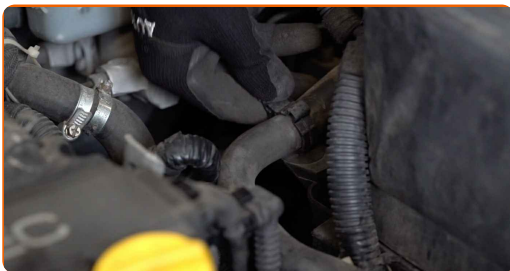
36

Install the engine cover and secure it. Make sure you hear a click indicating that it is locked in place.



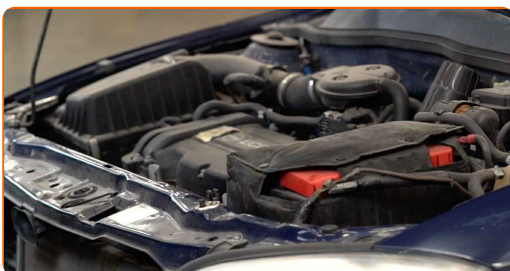
37

Return the coolant pipe to its initial position.



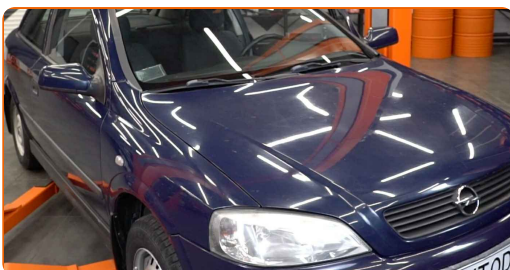
38

Remove the fender protection cover.



39

Close the hood.



Replacement: engine oil and filter – Opel Astra G F48. 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.

WELL DONE! 

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