



How to change engine oil  
and filter on **VAUXHALL**  
**ASTRA Mk III (F)** –  
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:

VAUXHALL ASTRA Mk III (F) 1.4 i, VAUXHALL ASTRA Mk III (F) 1.4 i 16V, VAUXHALL ASTRA Mk III (F) 1.6 i, VAUXHALL ASTRA Mk III (F) 1.6 i 16V, VAUXHALL ASTRA Mk III (F) 1.8 i, VAUXHALL ASTRA Mk III (F) 1.8 i 16V, VAUXHALL ASTRA Mk III (F) 2.0 i, VAUXHALL ASTRA Mk III (F) 2.0 i 16V

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: OPEL Corsa B Hatchback (S93) 1.4 i (F08, F68, M68)

REPLACEMENT: ENGINE OIL AND FILTER – VAUXHALL  
ASTRA MK III (F). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 32
- HEX bit No.H7
- Flat screwdriver
- Ratchet wrench
- Oil drain pan
- Funnel
- Fender cover

**Buy tools**

Replacement: engine oil and filter – VAUXHALL ASTRA Mk III (F). Tip from AUTODOC:

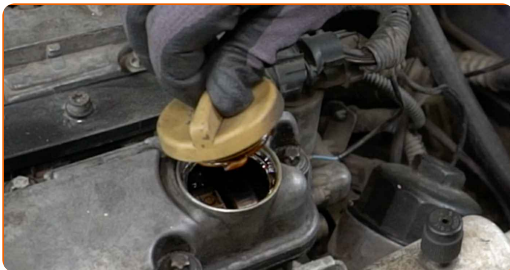
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – VAUXHALL ASTRA Mk III (F) – should be done with the engine switched off.

**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** Pull up the oil dipstick.



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



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



**7** Put the old oil filter in the container.



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

**Replacement: engine oil and filter – VAUXHALL ASTRA Mk III (F). Tip:**

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

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



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



**11** Unscrew the drain plug. Use HEX No.H7. Use a ratchet wrench.



**12** Drain the used oil.



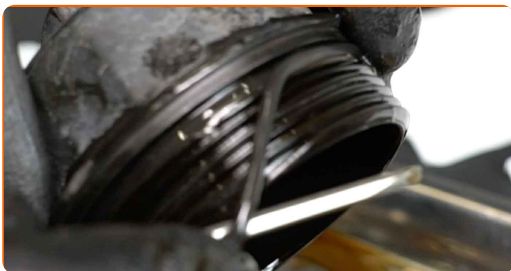
**AUTODOC recommends:**

- Caution! The oil may be hot.

**13** Detach the oil filter from the filter cover.



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



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



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



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



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



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



**20** Screw in the new drainage plug and tighten it. Use HEX No.H7. Use a torque wrench. Tighten it to 10 Nm torque.





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



**22** Lower the car.

**23** Clean the oil filter seat.



**24** Install the cover of the oil filter housing and screw it on. Use a drive socket #32. Use a torque wrench. Tighten it to 15 Nm torque.



**25** Remove the oil filler cap.



**26** Insert the funnel.



**27** Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – VAUXHALL ASTRA Mk III (F). AUTODOC experts recommend:

- Use the oil recommended by the manufacturer.

**28** 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.

**29** Install the oil filler cap.



**30** Tighten the oil filler cap.



**31** Run the engine for a few minutes.



**32** After the oil pressure warning light goes out, stop the engine.

**33** 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.

**34** Remove the fender protection cover.

**35** Close the hood.

### Replacement: engine oil and filter – VAUXHALL ASTRA Mk III (F). Tip from AUTODOC:

- 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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