



How to change engine oil  
and filter on **VAUXHALL**  
**Cavalier Mk III CC (J89)** –  
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 Cavalier Mk III CC (J89) 1.6, VAUXHALL Cavalier Mk III CC (J89) 1.8, VAUXHALL Cavalier Mk III CC (J89) 2.0 i, VAUXHALL Cavalier Mk III CC (J89) 2.0 SRi, VAUXHALL Cavalier Mk III CC (J89) 2.0 i 16V, VAUXHALL Cavalier Mk III CC (J89) 1.6 i, VAUXHALL Cavalier Mk III CC (J89) 2.0 i 4x4 (89), VAUXHALL Cavalier Mk III CC (J89) 2.0 i 16V 4x4, VAUXHALL Cavalier Mk III CC (J89) 2.5 V6, VAUXHALL Cavalier Mk III CC (J89) 1.8 i Cat, VAUXHALL Cavalier Mk III CC (J89) 2.0 i Cat

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 CAVALIER MK III CC (J89). 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 Cavalier Mk III CC (J89). 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 Cavalier Mk III CC (J89) – 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 Cavalier Mk III CC (J89). 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 Cavalier Mk III CC (J89).  
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 Cavalier Mk III CC (J89). 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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