



How to change engine oil  
and filter on **OPEL Astra**  
**H Van (L70)** –  
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:  
OPEL Astra H Van (L70) 1.3 CDTI (L70)

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 D Hatchback (S07) 1.3 CDTI (L08, L68)

## REPLACEMENT: ENGINE OIL AND FILTER – OPEL ASTRA H VAN (L70). TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Drive socket # 7
- Drive socket # 27
- Torx bit T25
- Torx bit T45
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Oil drain pan
- Funnel
- Microfibre towel
- Fender cover

[Buy tools](#)

Replacement: engine oil and filter – OPEL Astra H Van (L70). AUTODOC recommends:

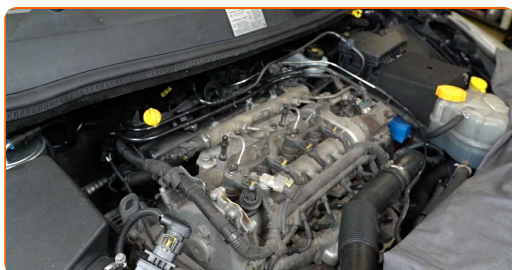
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.

## REPLACEMENT: ENGINE OIL AND FILTER – OPEL ASTRA H VAN (L70). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

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

3 Remove the engine cover.

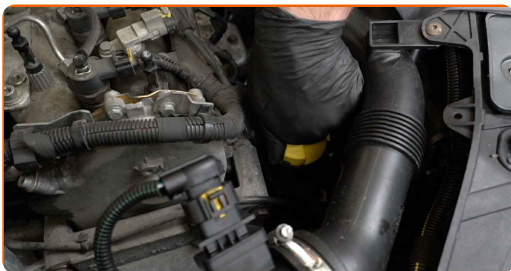


AUTODOC recommends:

- Replacement: engine oil and filter – OPEL Astra H Van (L70). Do not use excessive force when removing the part as this may damage it.

4

Unscrew the oil filler plug.



5

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

### AUTODOC recommends:

- 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.

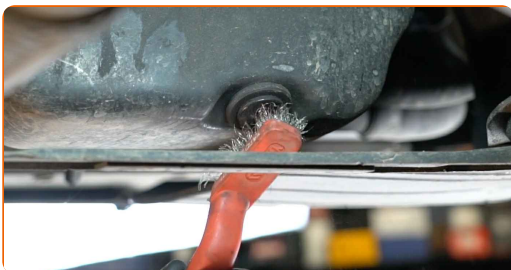
6

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



7

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



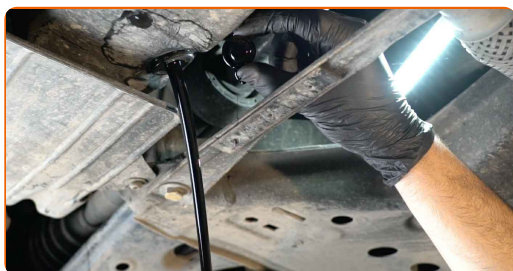
8

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



9

Drain the used oil.

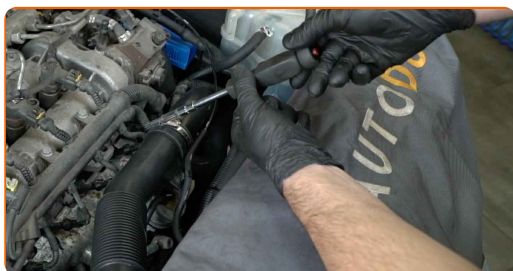


Replacement: engine oil and filter – OPEL Astra H Van (L70). Tip:

- Caution! The oil may be hot.

10

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



11

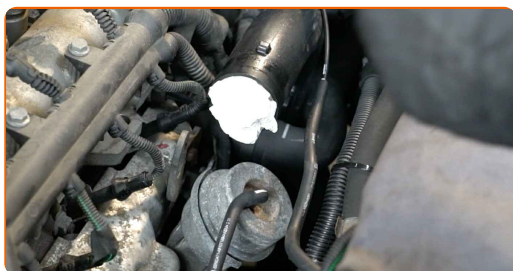
Disconnect the air intake pipe fastening. Use Torx T25. Use a ratchet wrench.



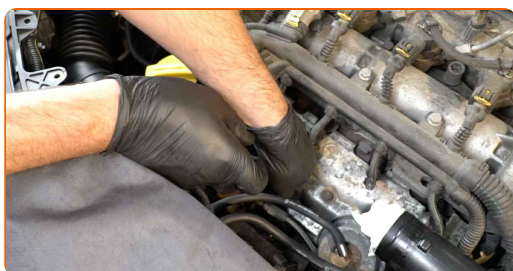
- 12** Remove the air intake pipe.



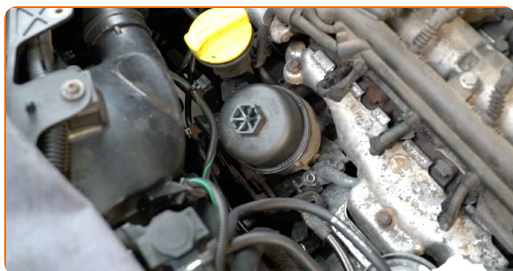
- 13** Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



- 14** Undo the screws of the protective case of the oil filter housing. Use Torx T25. Use a drive socket #10. Use a ratchet wrench.



- 15** Remove the protective case of the oil filter housing.





- 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.



Replacement: engine oil and filter – OPEL Astra H Van (L70). Professionals recommend:

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

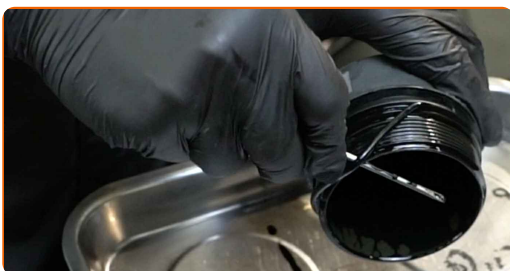
- 19** Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.



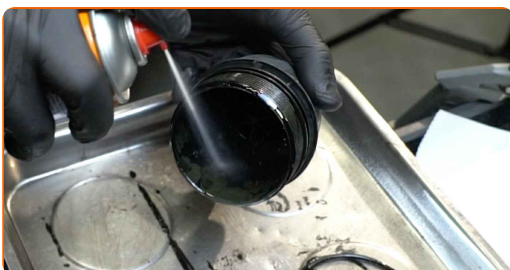
- 20 Detach the oil filter from the filter cover.



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



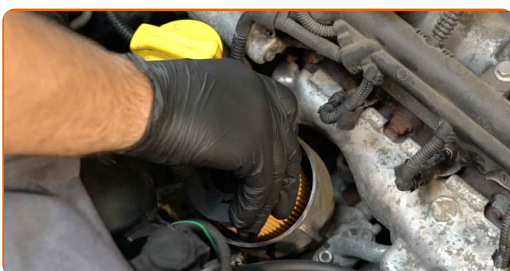
- 22 Clean the oil filter housing cap. Use all-purpose cleaning spray.



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



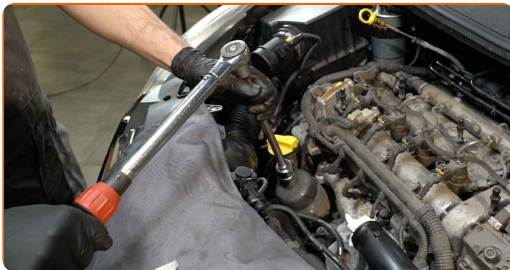
- 24 Install the new oil filter to the mounting seat on the filter cover.



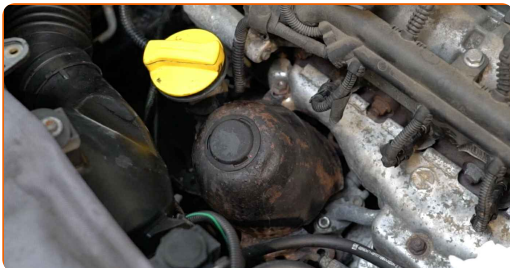
Please note!

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

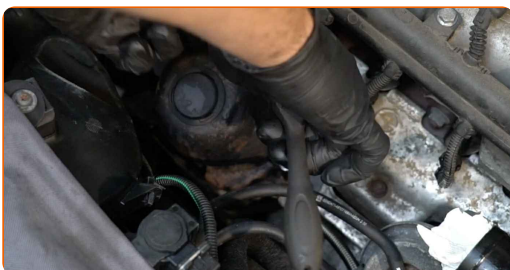
- 25 Lubricate the rubber seal of the new filter with a little amount of fresh oil.
- 26 Remove the microfibre towel from the oil filter housing.
- 27 Install a new oil filter housing cover and tighten it. Use a drive socket #27. Use a torque wrench. Tighten it to 25 Nm torque.



- 28 Install the protective case of the oil filter housing.



- 29 Screw in the fasteners of the protective case of the oil filter housing. Use Torx T25. Use a drive socket #10. Use a ratchet wrench.



Replacement: engine oil and filter – OPEL Astra H Van (L70). Tip from AUTODOC experts:

- Wait until the oil has completely drained from the drainage hole.

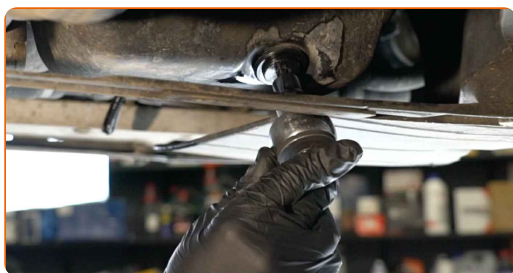
30

Clean the area of the oil pan drainage hole.



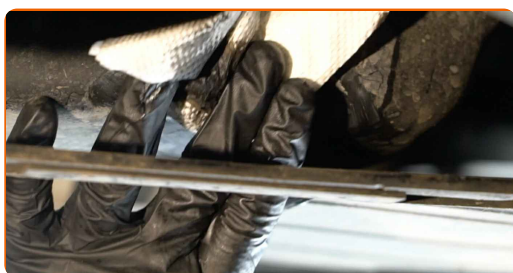
31

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



32

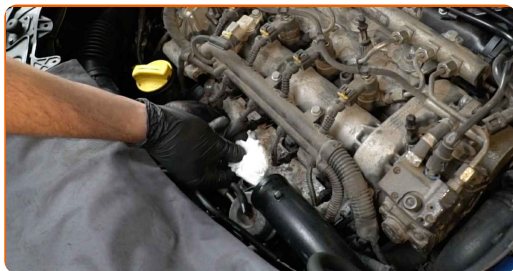
Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



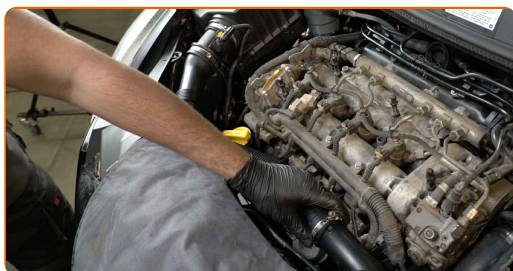
33

Lower the car.

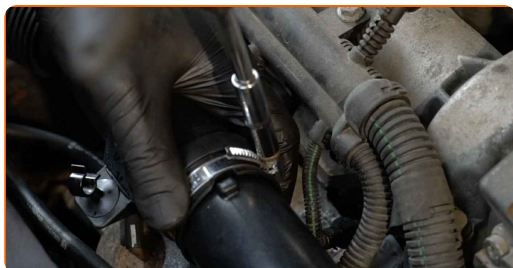
- 34** Remove the microfibre towel from the air intake hose.



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



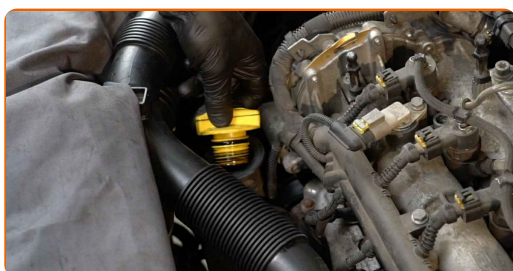
- 36** Fasten the clamp on the air intake hose. Use a drive socket #7. Use a ratchet wrench.



- 37** Screw in the fastener of the air intake pipe. Use Torx T25.

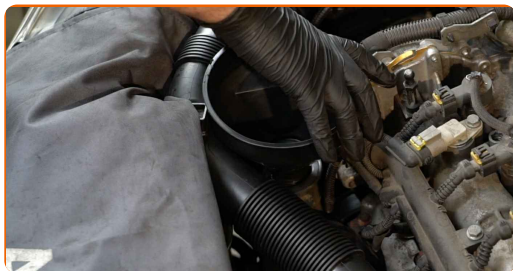


- 38** Remove the oil filler cap.



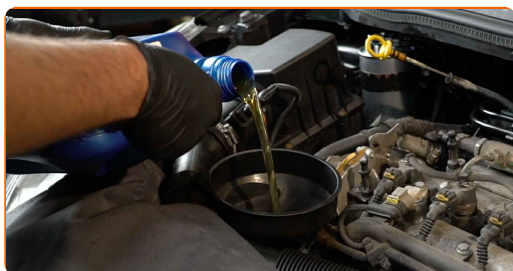
39

Insert the funnel.



40

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

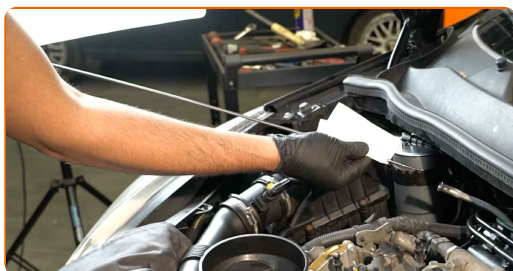


### AUTODOC recommends:

- Use the oil recommended by the manufacturer.

41

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

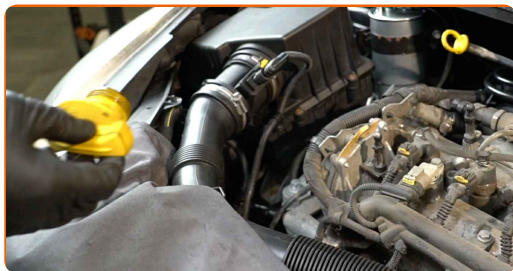


### Please note!

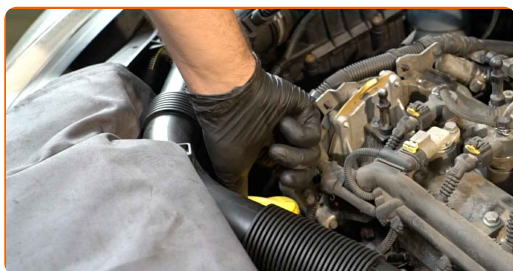
- The oil level should be between the Min and Max marks.



**42** Install the oil filler cap.



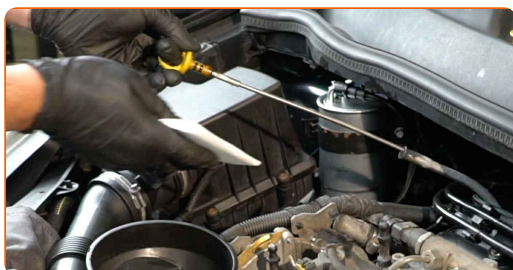
**43** Tighten the oil filler cap.



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



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

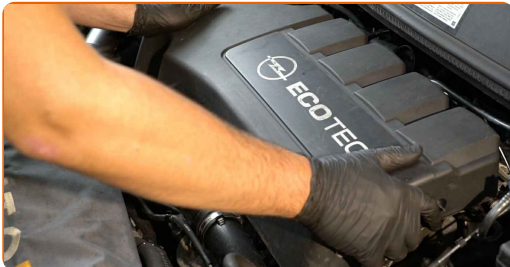


### Please note!

- 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.

46

Install the engine cover and secure it.



### AUTODOC recommends:

- Replacement: engine oil and filter – OPEL Astra H Van (L70). Do not use excessive force during installation. This may damage the fasteners.
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.

47

Remove the fender protection cover.

48

Close the hood.



Replacement: engine oil and filter – OPEL Astra H Van (L70). AUTODOC recommends:

- 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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