



How to change manual  
gearbox oil on  
**VAUXHALL Astravan Mk  
V (H) (A04) –**  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **Important!**

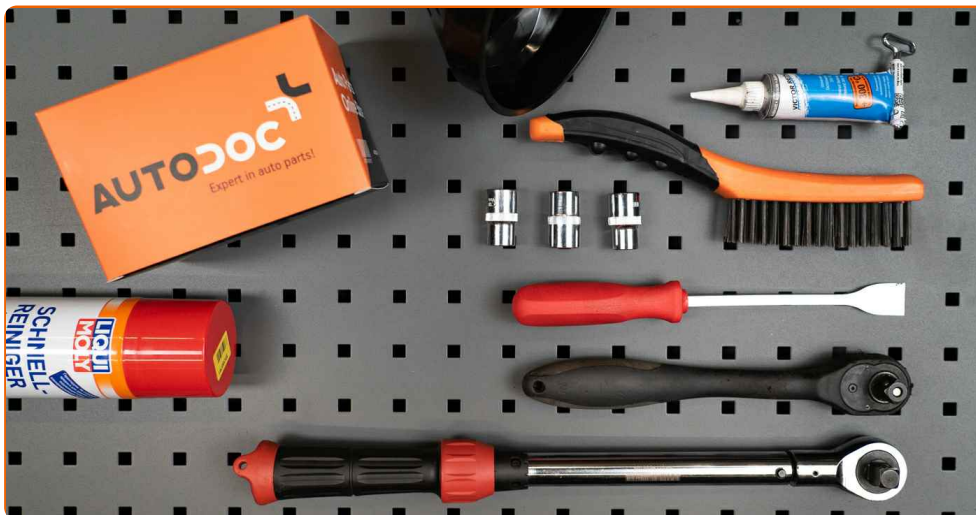
This replacement procedure can be used for:

VAUXHALL Astravan Mk V (H) (A04) 1.7 CDTi, VAUXHALL Astravan Mk V (H) (A04) 1.6, VAUXHALL Astravan Mk V (H) (A04) 1.3 CDTi, VAUXHALL Astravan Mk V (H) (A04) 1.4 i, VAUXHALL Astravan Mk V (H) (A04) 1.9 CDTi, VAUXHALL Astravan Mk V (H) (A04) 1.7 CDTi

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 Astra G CC (T98) 1.2 16V (F08, F48)

REPLACEMENT: MANUAL GEARBOX OIL – VAUXHALL  
ASTRAVAN MK V (H) (A04). TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Cleaner&thinner
- Sealant
- Drive socket # 11
- Drive socket # 12
- Drive socket # 16
- Ratchet wrench
- Torque wrench
- Seal scraper
- Funnel
- Oil drain pan
- Hydraulic transmission jack
- Fender cover

**Buy tools**

Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04).  
AUTODOC experts recommend:

- All work should be done with the engine stopped.

## REPLACEMENT: MANUAL GEARBOX OIL – VAUXHALL ASTRAVAN MK V (H) (A04). 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** Lift the car using a jack or place it over an inspection pit.

**4** Support the engine skid plate. Use a hydraulic transmission jack.



**5** Undo the fasteners of the oil pan lower cover. Use a drive socket #12.



Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04).  
AUTODOC recommends:

- To avoid injury, hold the engine skid plate cautiously tight when unscrewing the fasteners and when lowering the hydraulic transmission jack.

6

Remove the hydraulic transmission jack. Remove the oil pan cover.

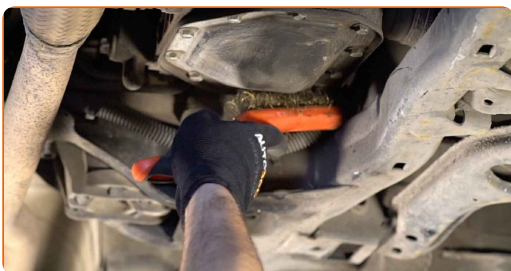


AUTODOC recommends:

- Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

7

Clean the transmission fluid pan. Use a wire brush. Use all-purpose cleaning spray.



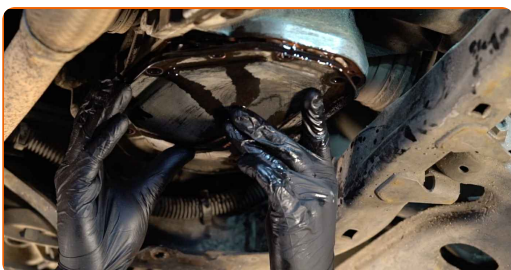
**8** Prepare a waste oil container with at least 2 l capacity.



**9** Unscrew the fasteners of the transmission fluid pan. Use a drive socket #11. Use a ratchet wrench.



**10** Remove the transmission fluid pan.



Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04). Tip:

- When removing the transmission fluid pan, incline it so that the fluid only comes out from one side of it.

**11** Drain the used oil.



**AUTODOC recommends:**

- Wait until the fluid has completely run out of the pan.

**12**

Clean the mounting seat of the transmission fluid pan. Use all-purpose cleaning spray.



**13**

Remove the transmission fluid pan gasket. Use a seal scraper.



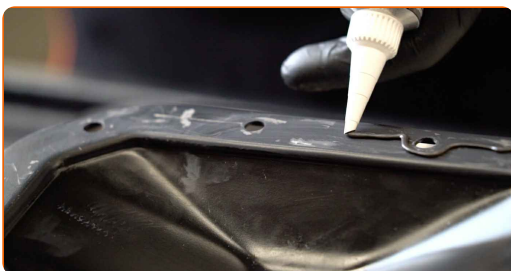
**14**

Clean the mounting seat of the transmission fluid pan gasket. Use a wire brush. Use cleaner&thinner.



**15**

Apply sealant to the mounting seat of the transmission fluid pan gasket. Install the new transmission fluid pan gasket.



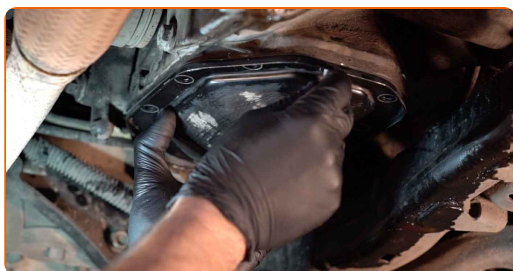
**16** Treat the mounting seat of the transmission fluid pan. Use cleaner&thinner.



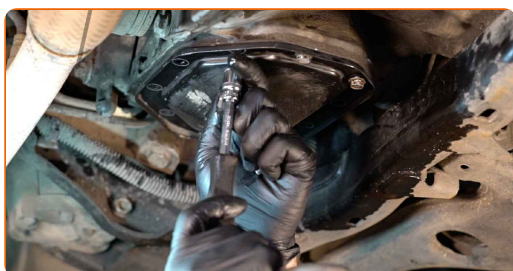
Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04). Tip from AUTODOC:

- Prevent fluid from getting on the mounting seat of the transmission fluid pan.

**17** Install and fasten the transmission fluid pan.



**18** Tighten the fastening bolts of the transmission fluid pan in a criss-cross pattern. Use a drive socket #11. Use a torque wrench. Tighten it to 20 Nm torque.

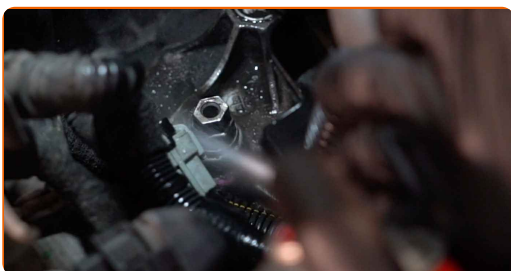




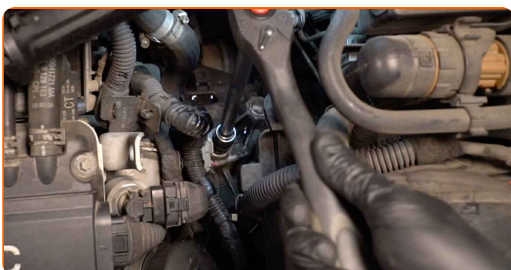
**19** Remove the retainers and move aside the coolant pipe.



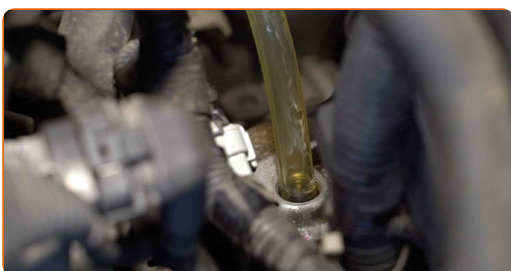
**20** Clean the gearbox breather. Use all-purpose cleaning spray.



**21** Unscrew the gearbox breather. Use a drive socket #16. Use a ratchet wrench.



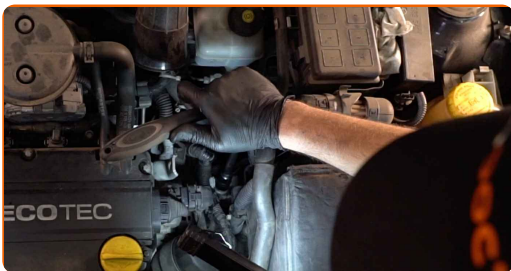
**22** Insert the funnel. Pour new transmission fluid in the gearbox through the breather hole. Required amount of oil: 1.6 L.



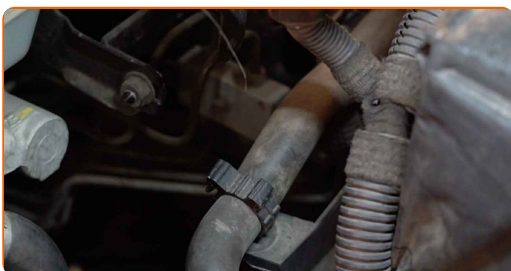
Replacement: manual gearbox oil – VAUXHALL Astravan Mk V (H) (A04). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

**23** Screw the gearbox breather. Use a drive socket #16. Use a torque wrench. Tighten it to 28 nm torque.



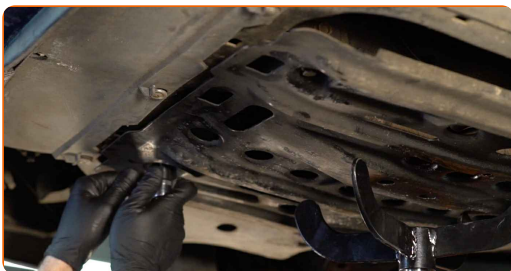
**24** Return the coolant pipe to its initial position and fasten it.



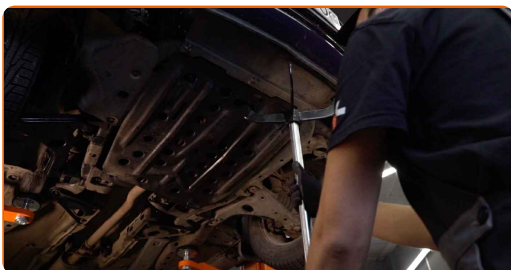
**25** Support the engine skid plate. Use a hydraulic transmission jack.



**26** Reinstall the oil pan lower cover.



**27** Remove the hydraulic transmission jack.



- 28** Tighten the fasteners of the oil pan lower cover. Use a drive socket #12. Use a torque wrench. Tighten it to 30 nm torque.



- 29** Lower the car.

- 30** Remove the fender protection cover.

- 31** Close the hood.

**WELL DONE!** 

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