VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
OPEL AGILA (A) (H00) 1.2 16V (F68), OPEL ASTRA G Estate (T98) 1.2 16V (F35), OPEL ASTRA G Hatchback (T98) 1.2 16V (F08, F48), OPEL ASTRA G Saloon (T98) 1.2 16V (F69), OPEL CORSA C (X01) 1.2 (F08, F68), OPEL CORSA C Box (X01) 1.2 16V (F08, W5L)

The steps may slightly vary depending on the car design.

REPLACEMENT: MANUAL GEARBOX OIL – OPEL ASTRA G F48. 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

Replacement: manual gearbox oil – Opel Astra G F48. AUTODOC experts recommend:

- All work should be done with the engine stopped.

REPLACEMENT: MANUAL GEARBOX OIL – 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.

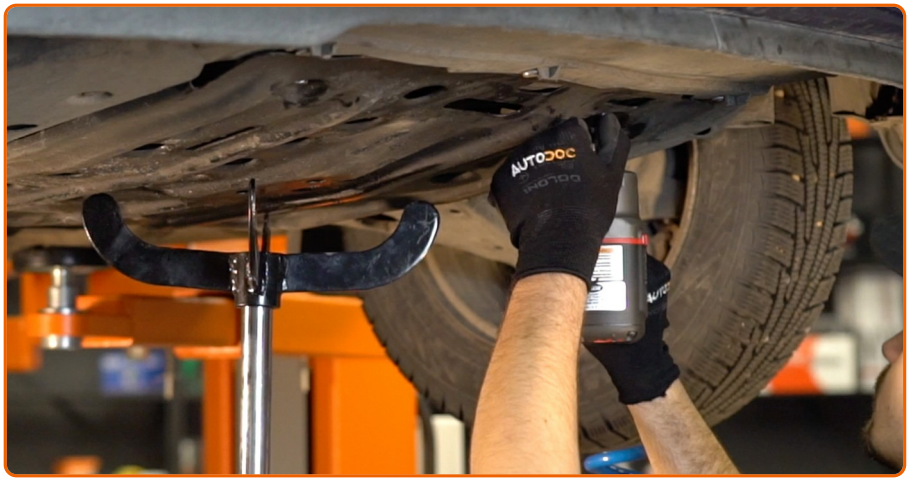
3

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 – Opel Astra G F48. 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 – Opel Astra G F48. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

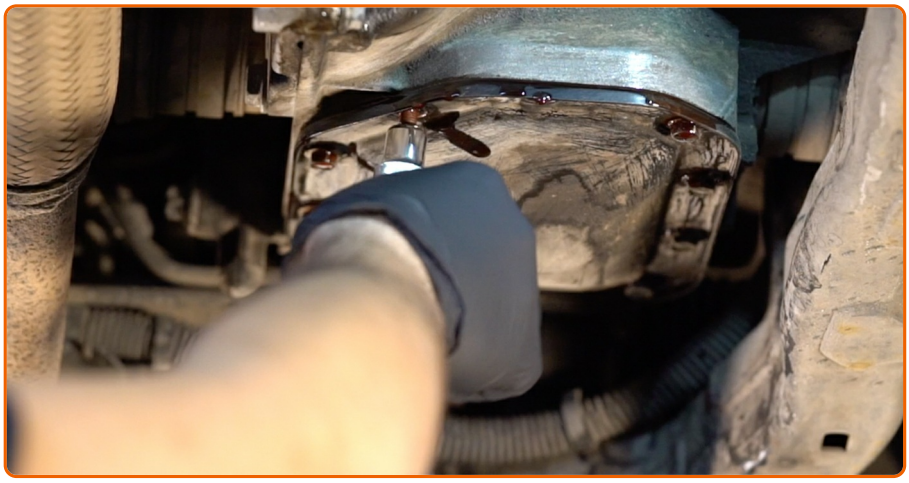
7

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.

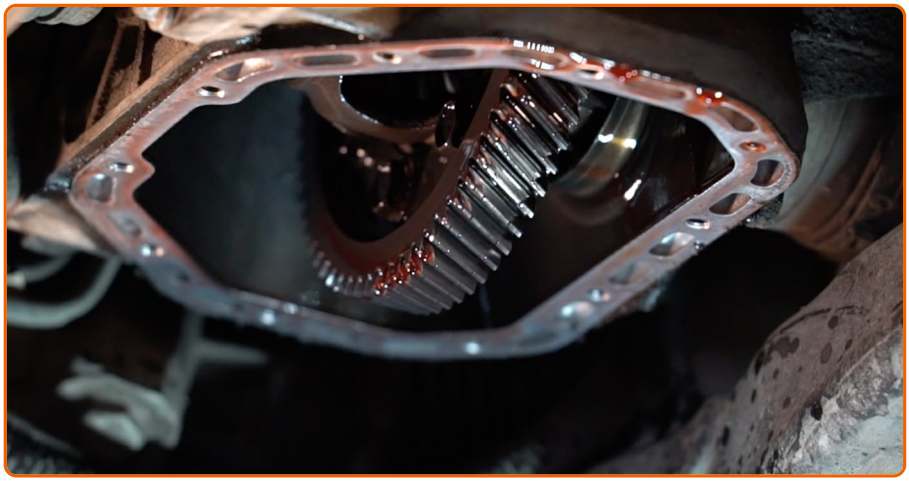
10

Remove the transmission fluid pan.

Replacement: manual gearbox oil – Opel Astra G F48. 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.

Replacement: manual gearbox oil – Opel Astra G F48. Professionals recommend:

- 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 – Opel Astra G F48. Tip from AUTODOC:

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

17

Install and fasten the transmission fluid pan.

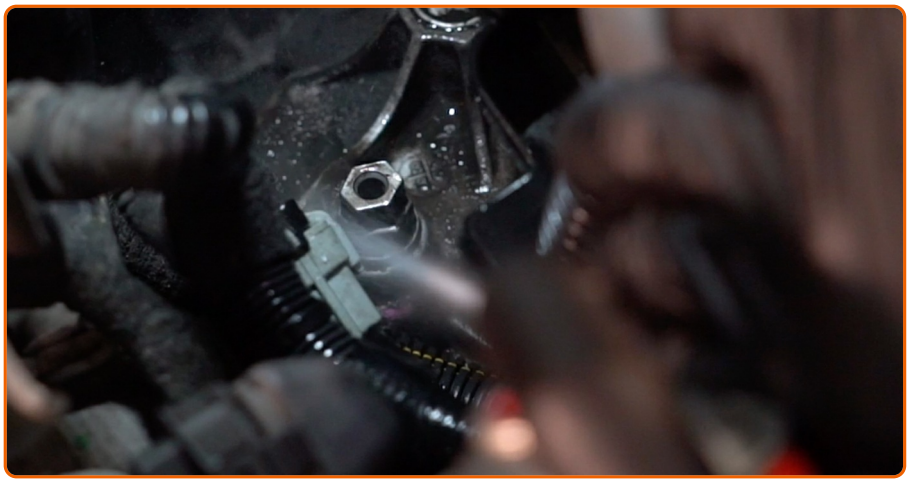
18

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.

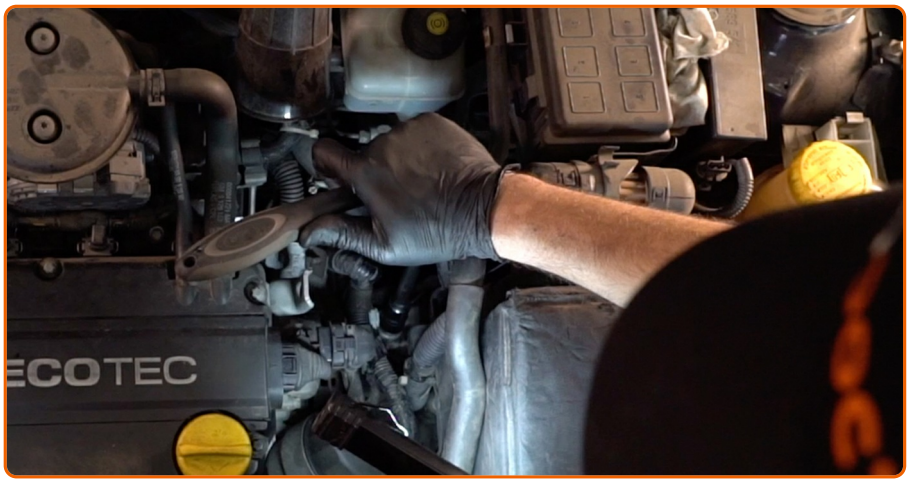
22

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 – Opel Astra G F48. Tip from AUTODOC experts:

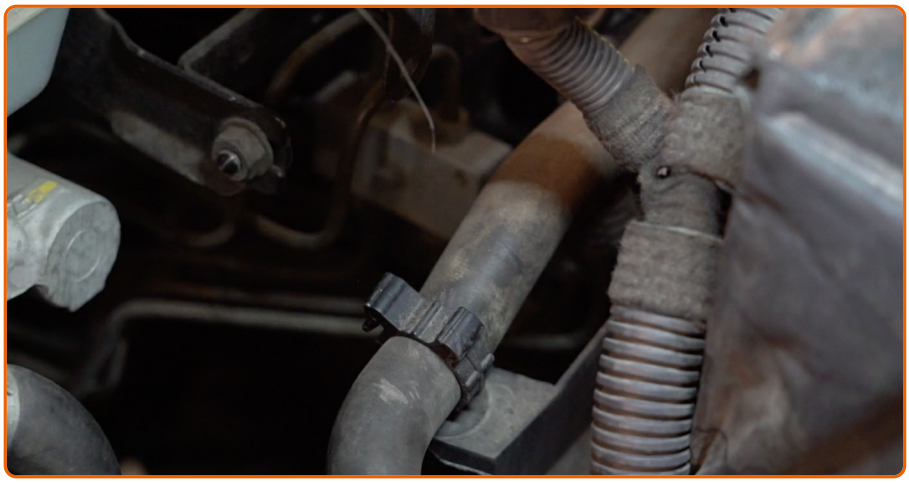
- Use the oil recommended by the manufacturer.

23



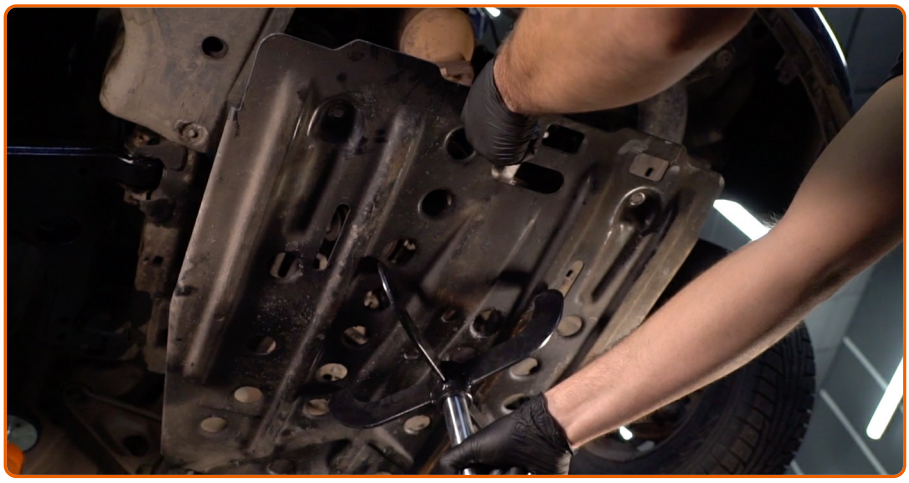
Screw the gearbox breather. Use a drive socket #16. Use a torque wrench. Tighten it to 28 nm torque.

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.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO

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