How to change front brake discs on Opel Astra G F48 – replacement guide

VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
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)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – OPEL ASTRA G F48. TOOLS YOU MIGHT NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- HEX bit No.H7.
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Flat screwdriver
- Ratchet wrench
- Torque wrench
- Rubber mallet
- Crow bar
- Wheel chock

Replacement: brake discs – Opel Astra G F48. AUTODOC recommends:

- Replace the brake disks on the car Opel Astra G F48 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Opel Astra G F48 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3

Loosen the wheel mounting bolts. Use wheel impact socket #17.

4

Raise the front of the car and secure on supports.

5

Unscrew the wheel bolts.

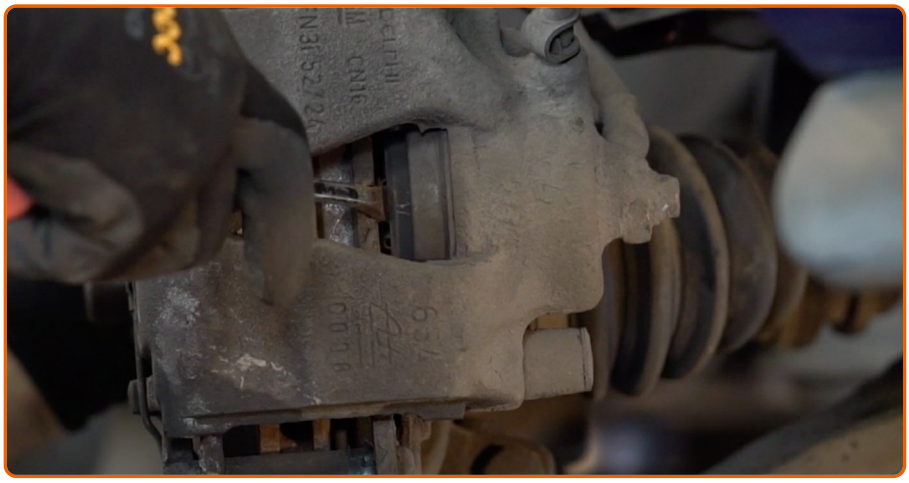
Replacement: brake discs – Opel Astra G F48. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6

Remove the wheel.

7



Spread the brake pads. Use a crowbar.

8

Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.

9

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

10

Remove the fastener attaching the brake hose to the shock strut. Use a crowbar.

11

Pull aside the brake caliper retaining spring. Use a crowbar.

12

Remove the brake caliper.

Replacement: brake discs – Opel Astra G F48. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

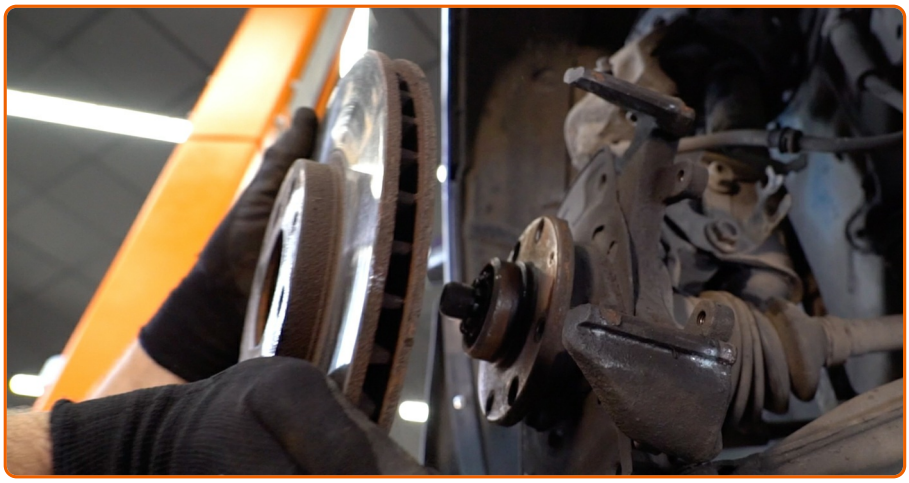
13

Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

14

Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

15



Remove the brake disc.

Replacement: brake discs – Opel Astra G F48. Tip from AUTODOC:

- If necessary, use a rubber mallet.

16

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

17

Install the brake disc.

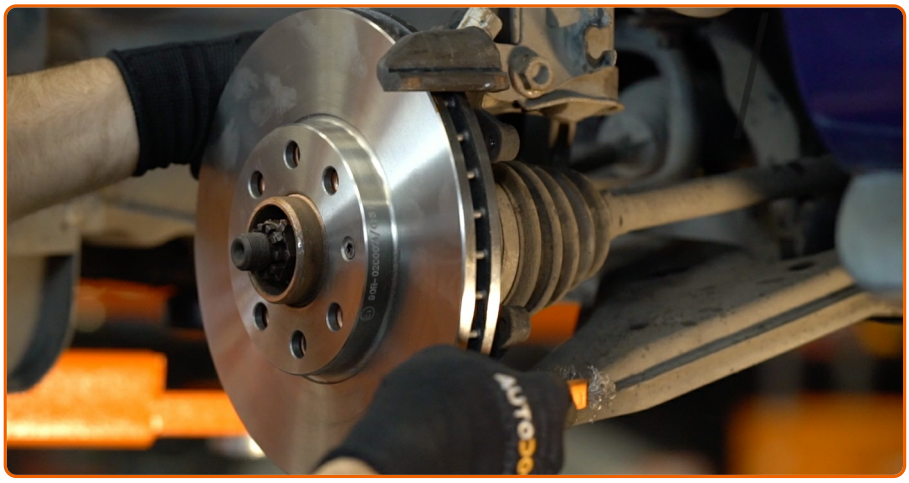
18

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

19

Press in the brake caliper piston. Use brake caliper wind back tool.

20



Clean the brake caliper bracket from dirt and dust. Use a wire brush.

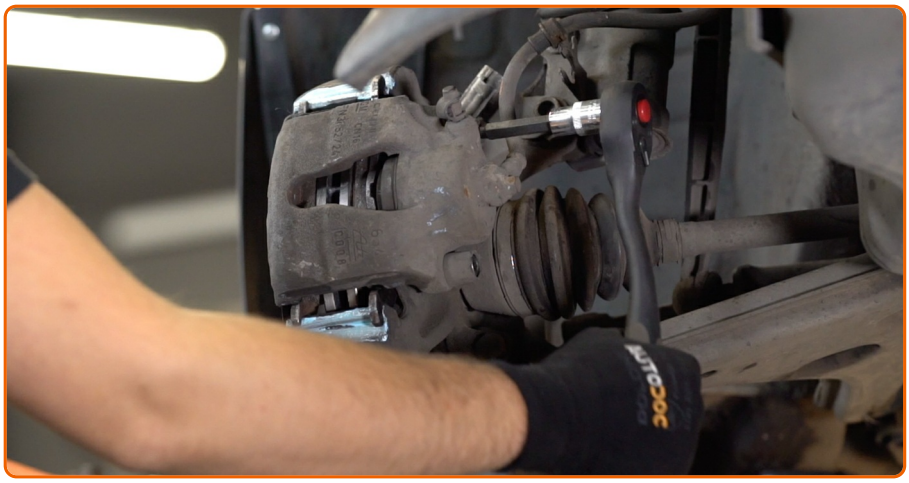
21

Treat the brake caliper bracket where it contacts the brake pads. Use anti-squeal paste.

22

Install the brake caliper and fix it.

23



Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.

AUTODOC recommends:

- Opel Astra G F48 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

24

Install the dust boot caps of the brake caliper guide pins.

25

Snap the brake caliper retaining spring back into place.

26

Fasten the brake hose on the strut.

27

Install the brake hose retaining clip. Use a crowbar.

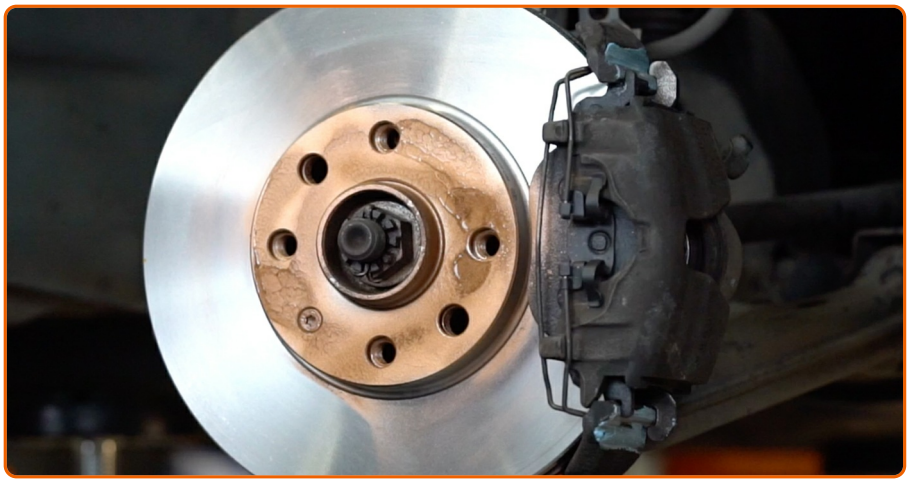
28

Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Opel Astra G F48. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

29



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

30

Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts.
  Opel Astra G F48

31

Screw in the wheel bolts. Use wheel impact socket #17.

32

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.

33

Remove the jacks and chocks.

Replacement: brake discs – Opel Astra G F48. Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

34

Tighten the brake fluid reservoir cap. Close the hood.

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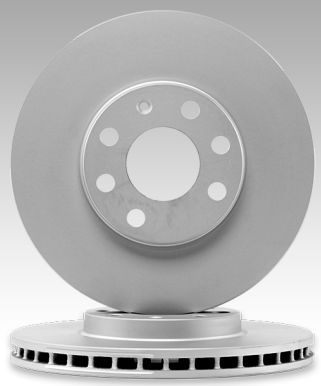

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