



How to change rear
brake discs on **OPEL**
Astra G Caravan (T98) –
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 G Caravan (T98) 1.8 16V (F35), OPEL Astra G Caravan (T98) 2.0 16V (F35), OPEL Astra G Caravan (T98) 2.0 DI (F35), OPEL Astra G Caravan (T98) 2.2 DTI (F35), OPEL Astra G Caravan (T98) 2.0 DTI 16V (F35), OPEL Astra G Caravan (T98) 2.2 16V (F35), OPEL Astra G Caravan (T98) 2.0 OPC (F35), OPEL Astra G Caravan (T98) 1.6 CNG (F35)

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 ZAFIRA B (A05) 1.8 (M75)

**REPLACEMENT: BRAKE DISCS – OPEL ASTRA G
CARAVAN (T98). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- Drive socket # 11
- Drive socket # 13
- Drive socket # E20
- Combination spanner #11
- Combination spanner #13
- Combination spanner #17
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Brake bleeder kit
- Brake hose clip
- Tap wrench
- Crow bar
- Rubber mallet
- Wheel chock

Buy tools

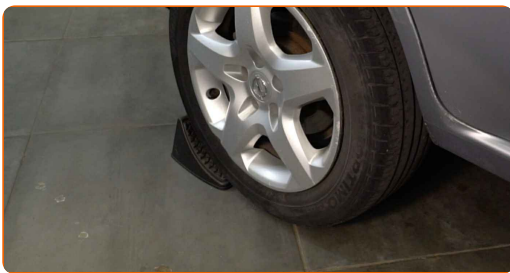
Replacement: brake discs – OPEL Astra G Caravan (T98). AUTODOC recommends:

- Replace the brake disks on the car OPEL Astra G Caravan (T98) 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 Caravan (T98) – 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 rear of the car and secure on supports.

5 Unscrew the wheel bolts.



Replacement: brake discs – OPEL Astra G Caravan (T98). Tip from AUTODOC:

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

6 Remove the wheel.



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



- 8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – OPEL Astra G Caravan (T98). After applying the spray, wait a few minutes.

- 9 Clamp the brake hose off using a brake hose clamp.



- 10 Unscrew the brake hose from the brake caliper. Use a combination spanner #11.



11 Disconnect the brake hose.



12 Unscrew the brake caliper fastening. Use a combination spanner #13.



13 Spread the brake pads. Use a crowbar.



14 Remove the brake caliper. Use a crowbar.

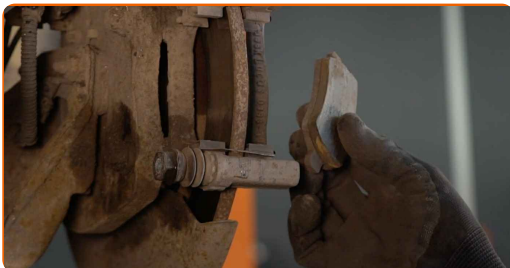


Replacement: brake discs – OPEL Astra G Caravan (T98). Professionals recommend:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

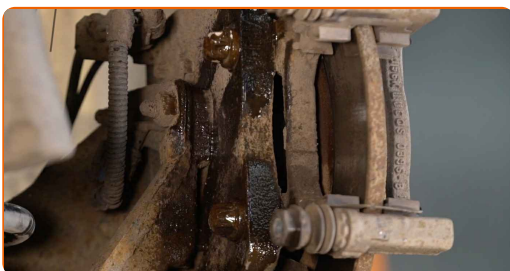
15

Remove the brake pads. Use a crowbar.



16

Clean the brake caliper bracket fasteners. Use a wire brush. Use a brake cleaner.



Replacement: brake discs – OPEL Astra G Caravan (T98). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

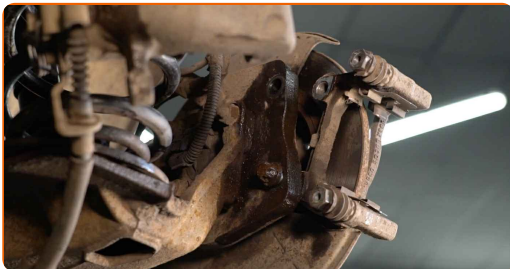
17

Unscrew the caliper bracket fastening. Use a drive socket #E20. Use a tap wrench.



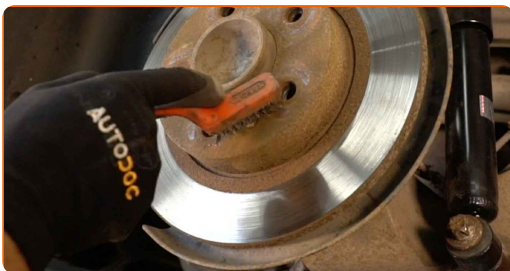
18

Remove the caliper bracket.

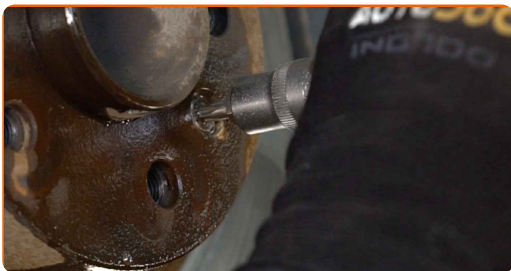


19

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



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



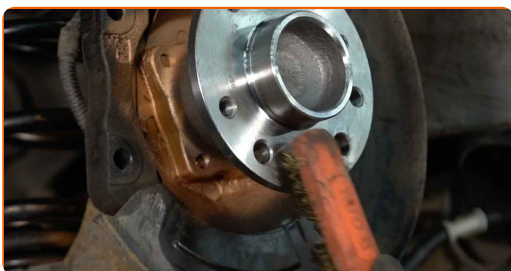
21 Remove the brake disc.



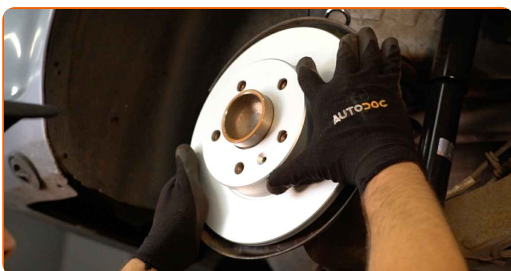
Replacement: brake discs – OPEL Astra G Caravan (T98). Tip:

- If necessary, use a rubber mallet.

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



23 Install the brake disc.



24

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



25

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

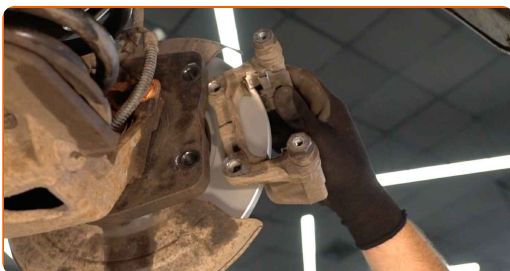


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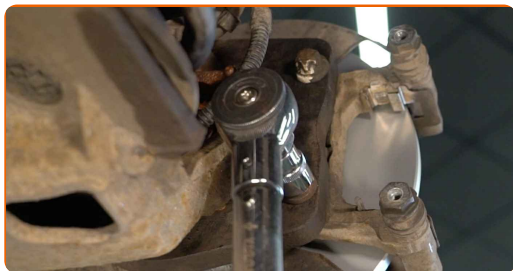
- Replacement: brake discs – OPEL Astra G Caravan (T98). After applying the spray, wait a few minutes.

26

Install the brake caliper bracket.



27 Tighten the brake caliper bracket. Use a drive socket #E20. Use a torque wrench. Tighten it to 100 Nm torque.



28 Install the brake pads.

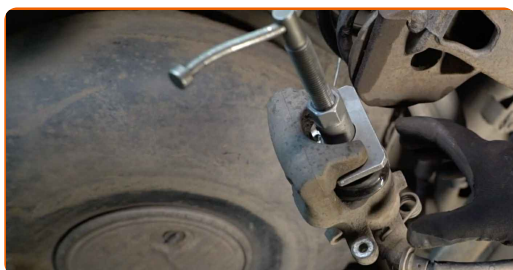


29 Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – OPEL Astra G Caravan (T98). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

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



31 Install the brake caliper and fix it.



32 Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.



33 Treat the brake hose. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – OPEL Astra G Caravan (T98). After applying the spray, wait a few minutes.

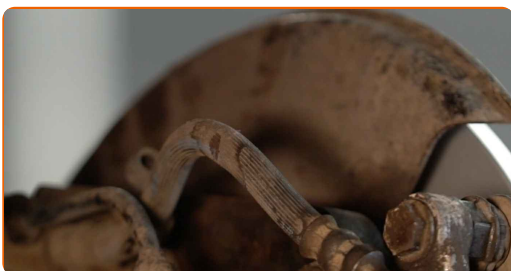
34 Attach the brake hose.



35 Tighten the brake hose fastener. Use a drive socket #11. Use a torque wrench. Tighten it to 40 Nm torque.



36 Remove the brake hose clamp.

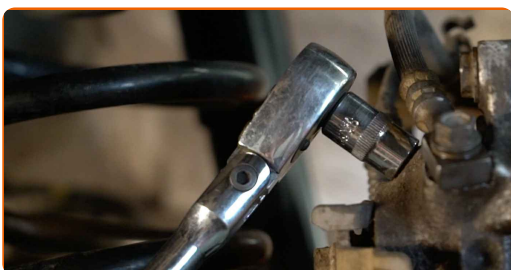


37 Clean dirt from the brake hose bolt. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – OPEL Astra G Caravan (T98). AUTODOC recommends:

- After applying the spray, wait a few minutes.

38 Undo the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.



39 Connect the brake bleeder kit to the brake bleeder screw.



40 Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



41 Disconnect the brake bleeder kit.



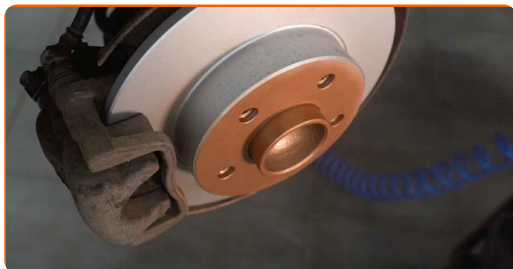
42 Tighten the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.



43 Tighten the brake caliper bleed screw. Use a drive socket #11. Use a torque wrench. Tighten it to 10 Nm torque.

44

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



45

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – OPEL Astra G Caravan (T98). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

46

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. OPEL Astra G Caravan (T98)

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



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



49 Remove the jacks and chocks.



Replacement: brake discs – OPEL Astra G Caravan (T98). Tip from AUTODOC experts:

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

50 Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- OPEL Astra G Caravan (T98) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

51

Close the hood.

WELL DONE! **VIEW MORE TUTORIALS**

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