



How to change rear  
brake discs on **OPEL**  
**ASTRA G Box (F70)** –  
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 Box (F70) 2.0 DI (F70), OPEL ASTRA G Box (F70) 2.0 DTI (F70)

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 BOX (F70). 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**

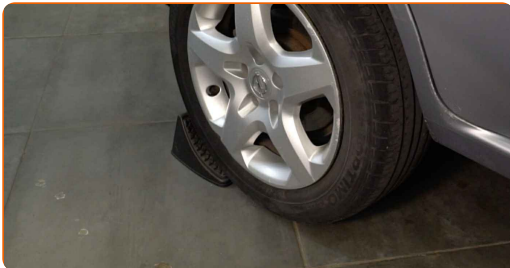
Replacement: brake discs – OPEL ASTRA G Box (F70). AUTODOC recommends:

- Replace the brake discs on the car OPEL ASTRA G Box (F70) 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 Box (F70) – 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.

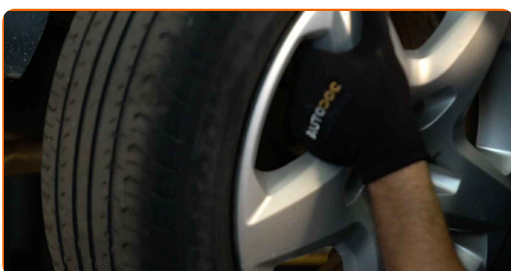
5 Unscrew the wheel bolts.



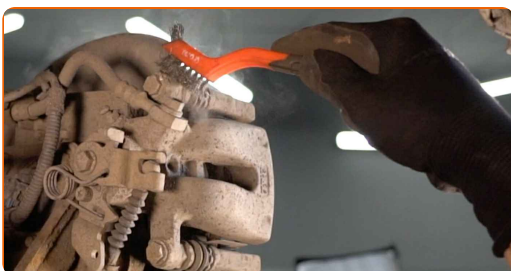
Replacement: brake discs – OPEL ASTRA G Box (F70). Tip from AUTODOC:

- 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 Box (F70). After applying the spray, wait a few minutes.

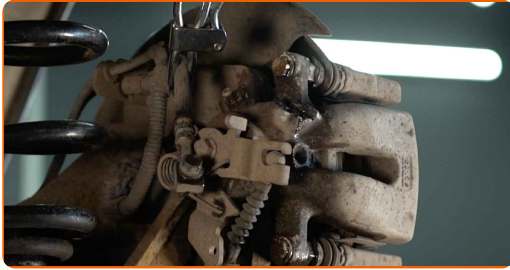
- 9 Clamp the brake hose off using a brake hose clamp.



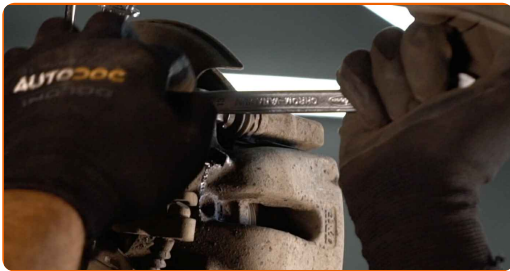
- 10 Unscrew the brake hose from the brake caliper. Use a combination spanner #11.



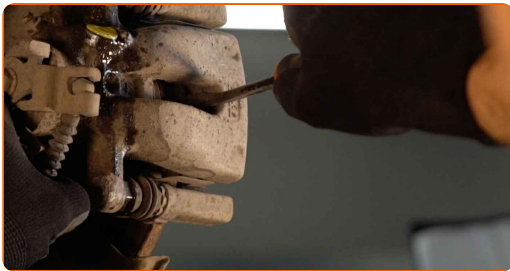
**11** Disconnect the brake hose.



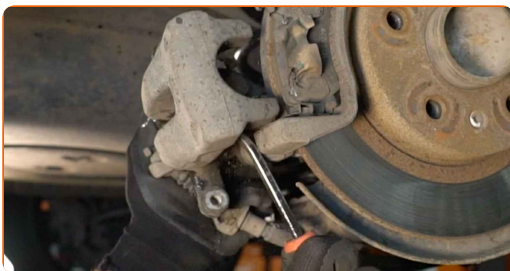
**12** Unscrew the brake caliper fastening. Use a combination spanner #13.



**13** Spread the brake pads. Use a crowbar.



**14** Remove the brake caliper. Use a crowbar.

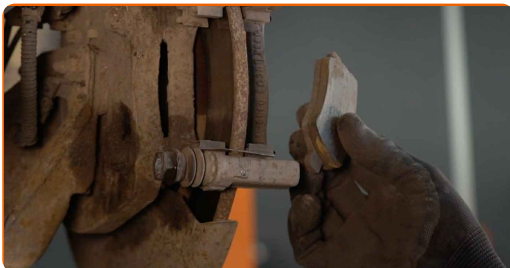


Replacement: brake discs – OPEL ASTRA G Box (F70). Professionals recommend:

- 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.

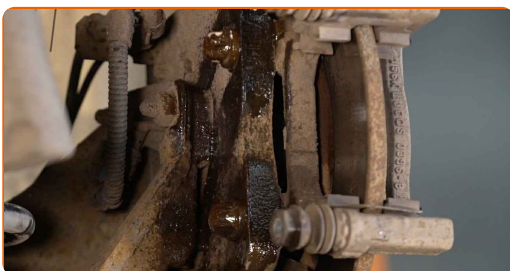
15

Remove the brake pads. Use a crowbar.



16

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



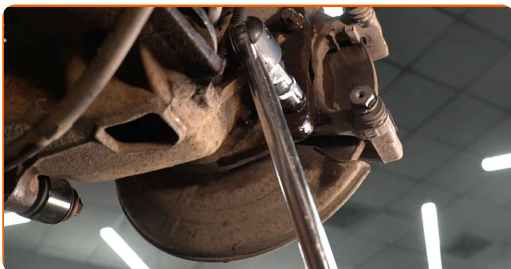


Replacement: brake discs – OPEL ASTRA G Box (F70). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

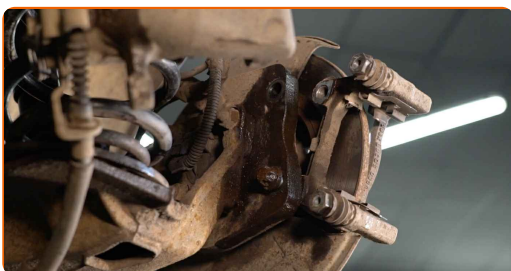
17

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



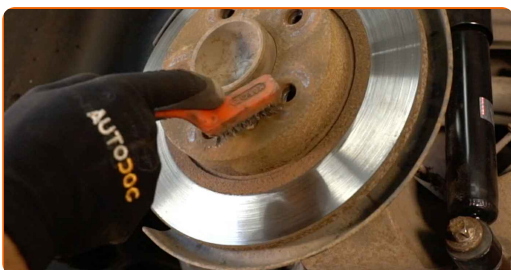
18

Remove the caliper bracket.

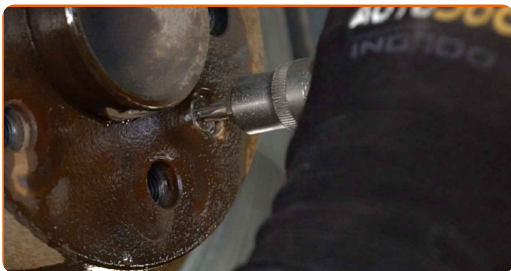


19

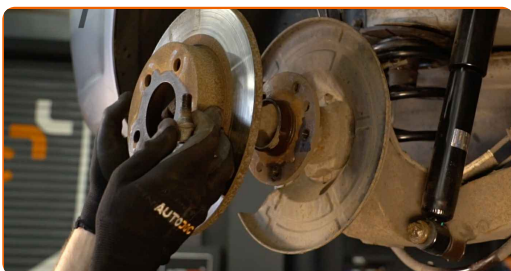
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



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



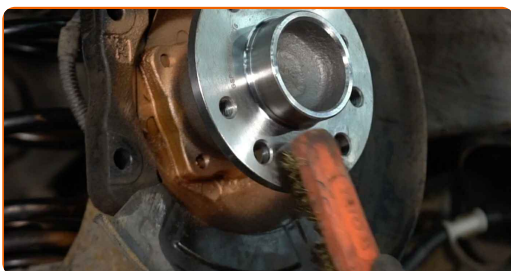
**21** Remove the brake disc.



**Replacement: brake discs – OPEL ASTRA G Box (F70). 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.



**AUTODOC recommends:**

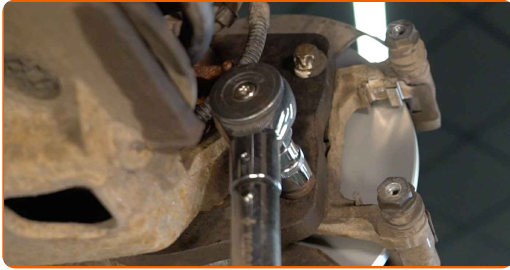
- Replacement: brake discs – OPEL ASTRA G Box (F70). After applying the spray, wait a few minutes.

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.

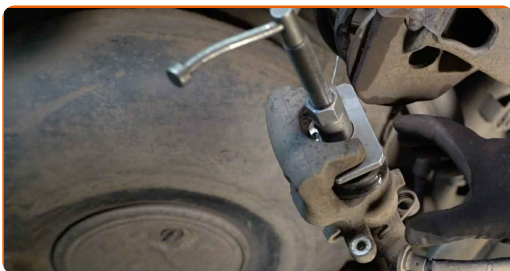


**29** Treat the brake caliper piston. Use a brake cleaner.

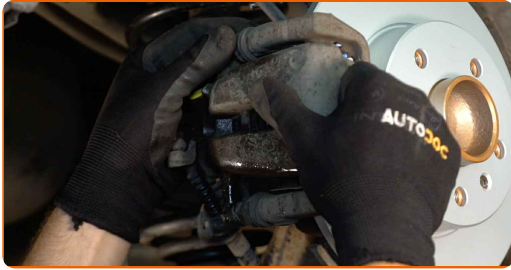
Replacement: brake discs – OPEL ASTRA G Box (F70). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

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



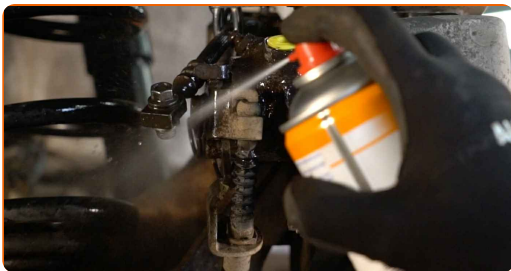
**31** Install the brake caliper and fix it.



**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.



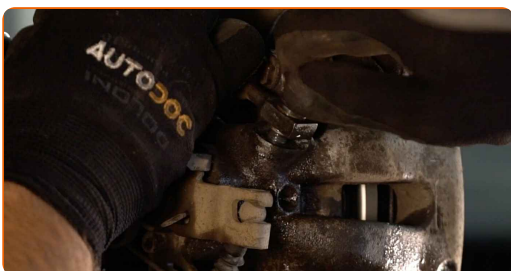
**33** Treat the brake hose. Use a brake cleaner.



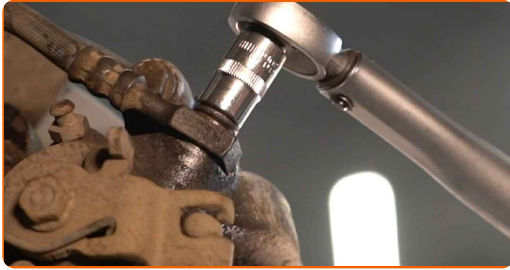
**AUTODOC recommends:**

- Replacement: brake discs – OPEL ASTRA G Box (F70). 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 Box (F70). 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 Box (F70). 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 Box (F70)



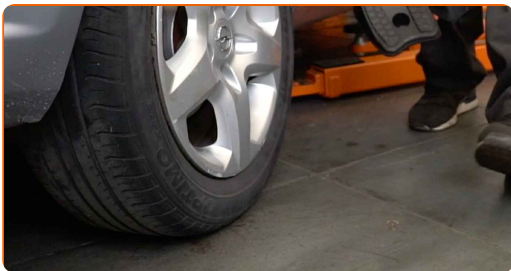
47 Screw in the wheel bolts. Use wheel impact socket #17.



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 Box (F70). 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 Box (F70) – 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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