



How to change rear
brake discs on **FIAT**
BARCETTA (183) –
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:
FIAT BARCHETTA (183) 1.8 16V

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: FIAT 500 Hatchback (312) 1.4

REPLACEMENT: BRAKE DISCS – FIAT BARCHETTA
(183). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #17
- Drive socket # 12
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

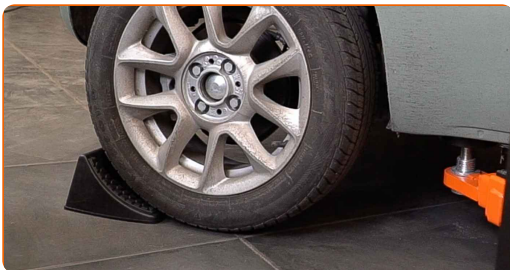
Replacement: brake discs – FIAT BARCHETTA (183). AUTODOC experts recommend:

- Replace the brake disks on the car FIAT BARCHETTA (183) 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 – FIAT BARCHETTA (183) – 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.

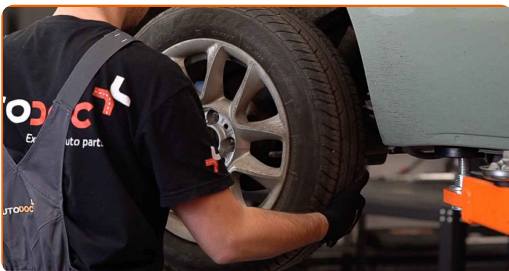
5 Unscrew the wheel bolts.



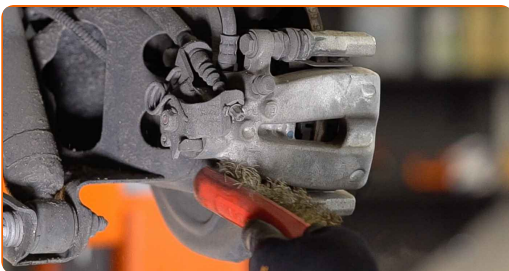
Replacement: brake discs – FIAT BARCHETTA (183). Tip:

- 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** Unscrew the brake caliper fastening. Use a drive socket #13. Use a combination spanner #17. Use a ratchet wrench.



- 9** Remove the brake caliper.



Replacement: brake discs – FIAT BARCHETTA (183). AUTODOC recommends:

- 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.

10 Remove the brake pads. Use a crowbar.



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



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



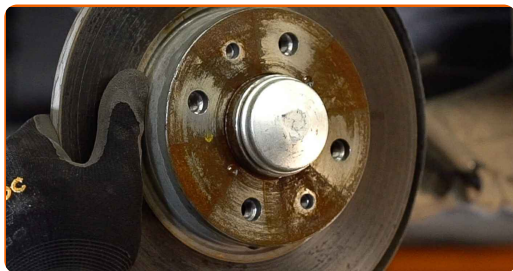
13 Remove the caliper bracket.



14 Clean the brake disk surface. Use a wire brush. Use WD-40 spray.



15 Unscrew the brake disc fastening. Use a drive socket #12. Use a ratchet wrench.



Replacement: brake discs – FIAT BARCETTA (183). Tip from AUTODOC:

- If necessary, use a rubber mallet.

16 Remove the brake disc.

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



18 Install the brake disc.



19 Tighten the brake disc fastening. Use a drive socket #12. Use a torque wrench. Tighten it to 9 Nm torque.



20 Install the brake caliper bracket.



21 Tighten the brake caliper bracket. Use a combination spanner #13. Use a torque wrench. Tighten it to 54 Nm torque.



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



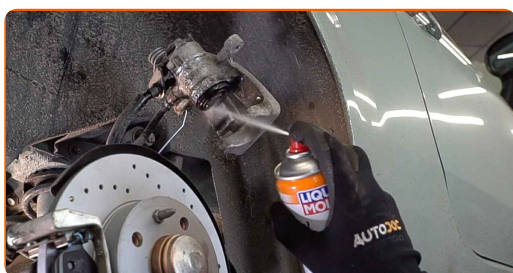
AUTODOC recommends:

- Replacement: brake discs – FIAT BARCHETTA (183). After applying the spray, wait a few minutes.

23 Install the brake pads.



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



Replacement: brake discs – FIAT BARCHETTA (183). Tip:

- After applying the spray, wait a few minutes.

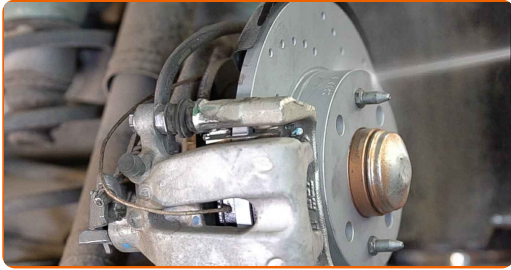
25 Press in the brake caliper piston. Use brake caliper wind back tool.



26 Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench. Use a torque wrench. Tighten it to 27 Nm torque.

27

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – FIAT BARCHETTA (183). After applying the spray, wait a few minutes.

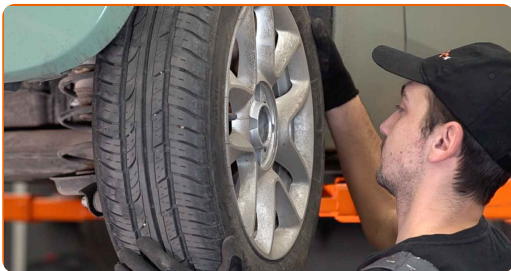
28

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



29

Install the wheel.



Replacement: brake discs – FIAT BARCHETTA (183). Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

30

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

31

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 98 Nm torque.



AUTODOC recommends:

- Important! Replacement: brake discs – FIAT BARCHETTA (183). Check the brake fluid level in the reservoir and top up if necessary.

32

Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

- FIAT BARCHETTA (183) – Without starting the engine, press the brake pedal several times until it feels firm.

33

Remove the jacks and chocks.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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