



How to change front
brake discs on **FIAT 500**
Hatchback (312) –
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 500 Hatchback (312) 1.4, FIAT 500 Hatchback (312) 1.3 D Multijet, FIAT 500 Hatchback (312) 0.9, FIAT 500 Hatchback (312) 1.0 Mild Hybrid (312.AYD1B)

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 Doblo Cargo (223_) 1.3 JTD 16V Multijet FIAT Doblo Cargo (223_) 1.9 JTD Multijet FIAT Doblo Cargo (223_) 1.6 16V FIAT Doblo Cargo (223_) 1.9 JTD FIAT Doblo Cargo (223_) 1.9 JTD FIAT Doblo Cargo (223_) 1.3 JTD 16V FIAT Doblo Cargo (223_) 1.4 FIAT Doblo Cargo (223_) 1.6 Natural Power FIAT Doblo Cargo (223_) 1.6 Natural Power (223WXD1A)

REPLACEMENT: BRAKE DISCS – FIAT 500 HATCHBACK (312). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Drive socket # 19
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

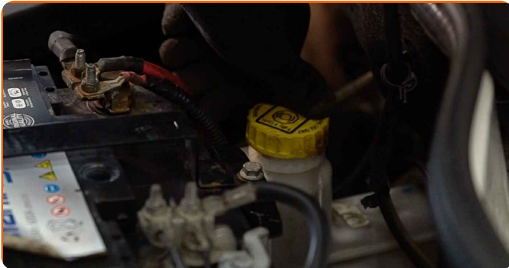
Buy tools

Replacement: brake discs – FIAT 500 Hatchback (312). AUTODOC recommends:

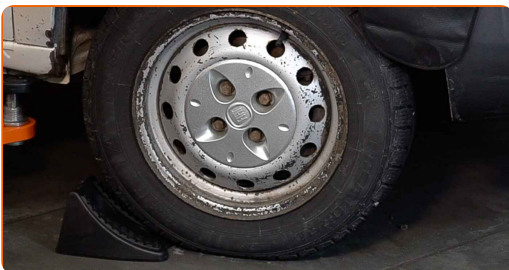
- Replace the brake disks on the car FIAT 500 Hatchback (312) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – FIAT 500 HATCHBACK (312). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

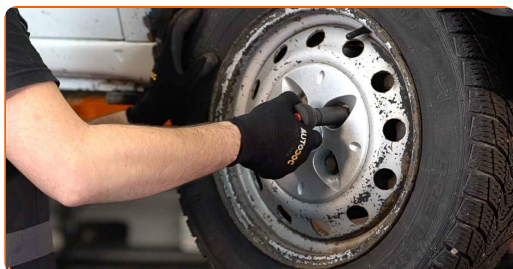


3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.

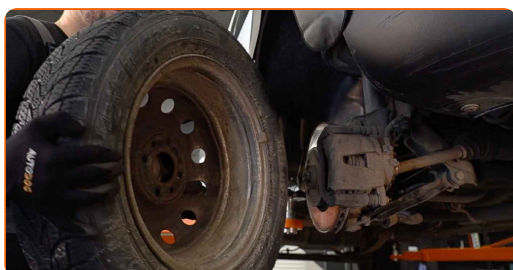
5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. FIAT 500 Hatchback (312)

6 Remove the wheel.



7

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



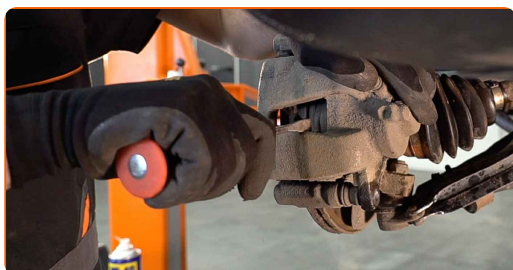
8

Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.

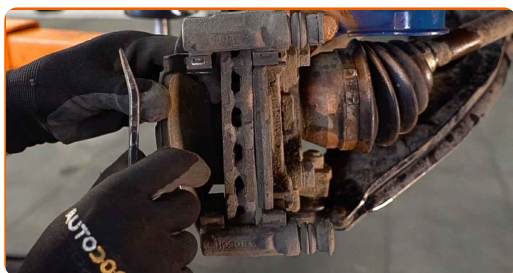


Replacement: brake discs – FIAT 500 Hatchback (312). Tip from AUTODOC experts:

- 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.

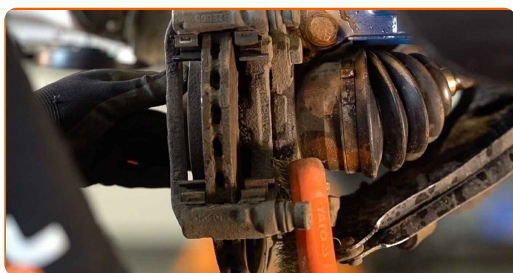
11

Remove the brake pads. Use a crowbar.



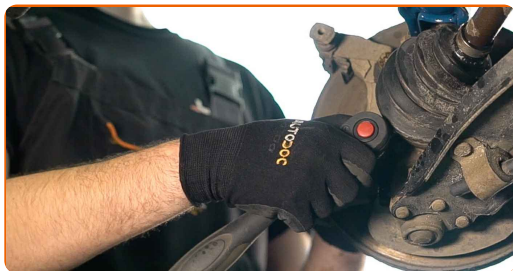
12

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



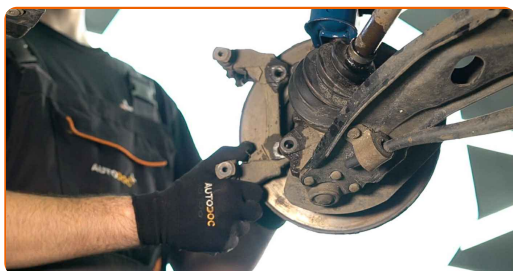
13

Unscrew the caliper bracket fastening. Use a drive socket #19. Use a ratchet wrench. Use a tap wrench.



14

Remove the caliper bracket.



15

Remove the brake disc.



16

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

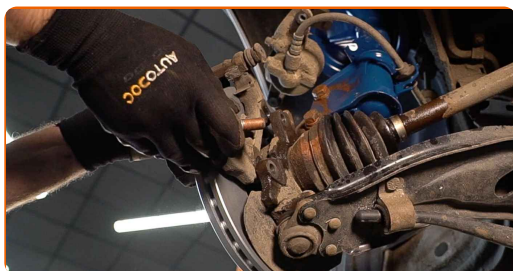


17

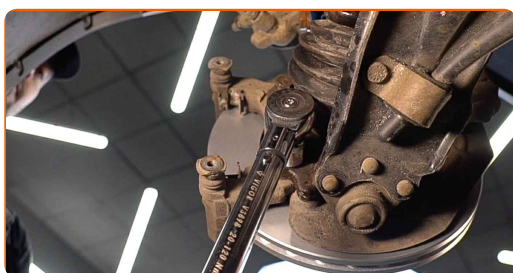
Install the brake disc.



18 Install the brake caliper bracket.



19 Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 57 Nm torque.

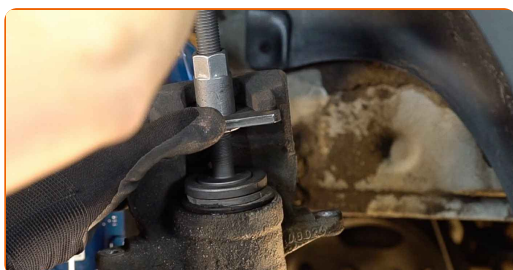


20 Treat the brake caliper piston. Use a brake cleaner.

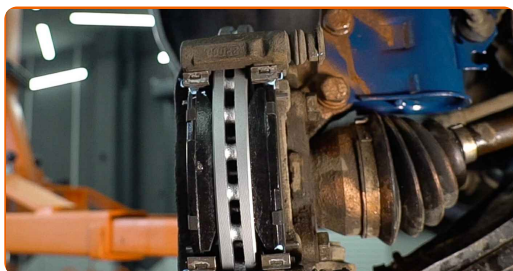
AUTODOC recommends:

- Replacement: brake discs – FIAT 500 Hatchback (312). After applying the spray, wait a few minutes.

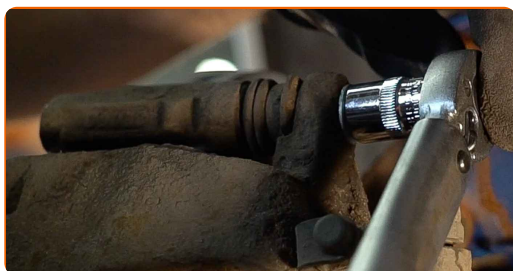
21 Press in the brake caliper piston. Use brake caliper wind back tool.



22 Install the brake pads.



23 Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 27 Nm torque.



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



25 Clean the brake disc surface. Use a brake cleaner.

Replacement: brake discs – FIAT 500 Hatchback (312). Tip:

- After applying the spray, wait a few minutes.

26 Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FIAT 500 Hatchback (312)

27

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



28

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

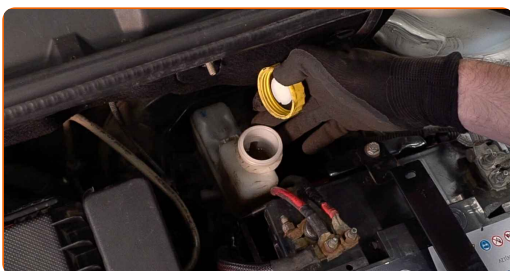


Replacement: brake discs – FIAT 500 Hatchback (312). Tip from AUTODOC experts:

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

29

Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

- FIAT 500 Hatchback (312) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

30

Remove the jacks and chocks.

**WELL DONE!** **VIEW MORE TUTORIALS**

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE DISCS: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.