



How to change front
brake pads on **FIAT 500**
Hatchback (312) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

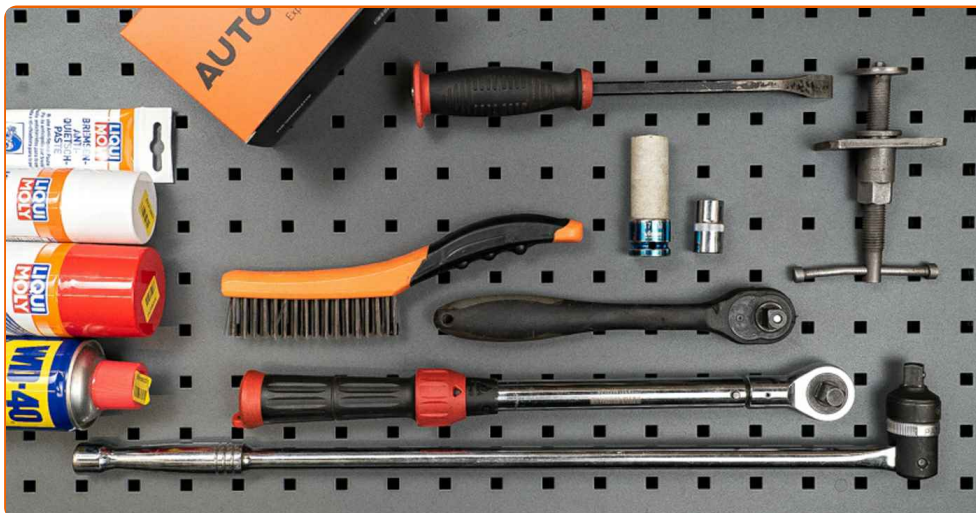
Important!

This replacement procedure can be used for:
FIAT 500 Hatchback (312) 1.4 (301J410)

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 D Multijet

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



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

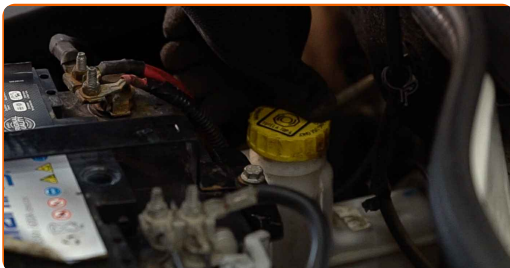
Buy tools

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

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – FIAT 500 HATCHBACK (312). TAKE THE FOLLOWING STEPS:

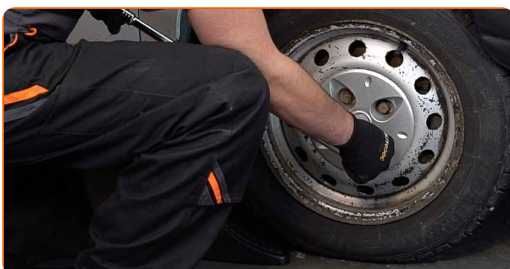
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

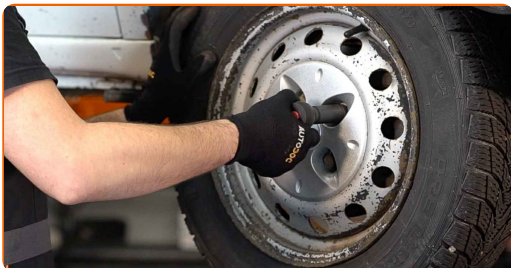


3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

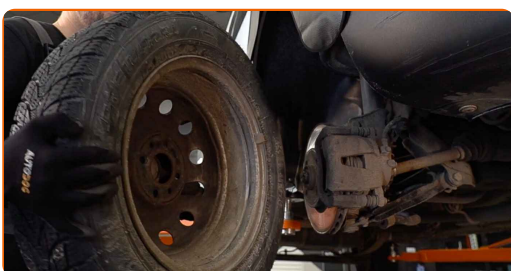
5 Unscrew the wheel bolts.



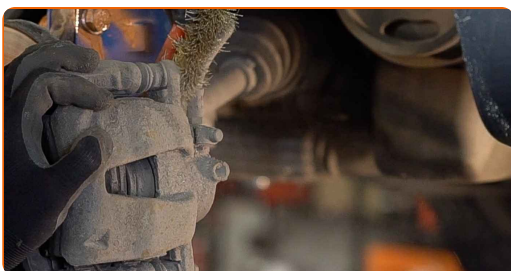
Replacement: brake pads – FIAT 500 Hatchback (312). Tip from AUTODOC:

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

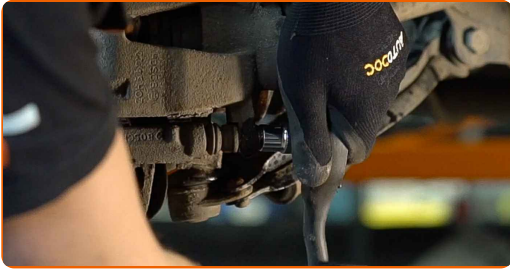
6 Remove the wheel.



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



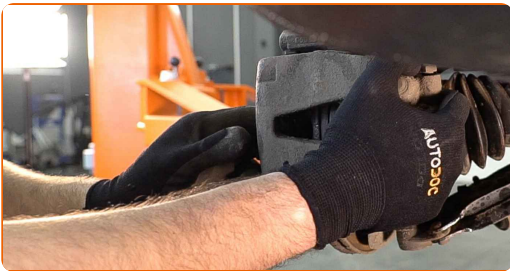
8 Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.



9 Spread the brake pads. Use a crowbar.



10 Remove the brake caliper.

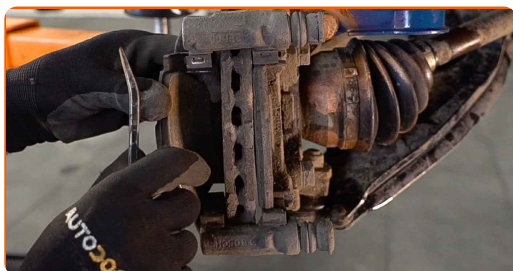


Replacement: brake pads – FIAT 500 Hatchback (312). AUTODOC experts recommend:

- 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.

11

Remove the brake pads. Use a crowbar.



Replacement: brake pads – FIAT 500 Hatchback (312). Professionals recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

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

13

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



14

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



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

- After applying the spray, wait a few minutes.

15

Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

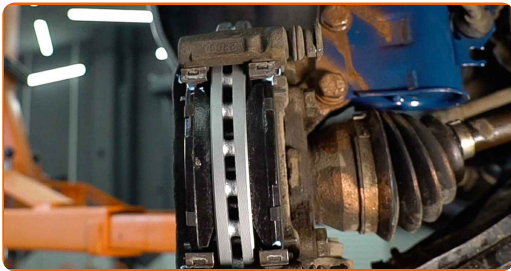


AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

16

Install new brake pads.

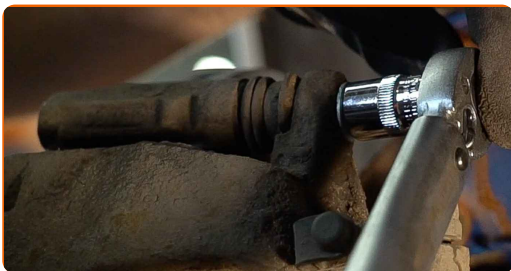


Replacement: brake pads – FIAT 500 Hatchback (312). Tip:

- Make sure the pads are installed with linings facing the disc.

17

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



18

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



19

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

20 Install the wheel.

Replacement: brake pads – FIAT 500 Hatchback (312). AUTODOC experts recommend:

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

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



22 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 pads – FIAT 500 Hatchback (312). Professionals recommend:

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

23

Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

- FIAT 500 Hatchback (312) – Without starting the engine, press the brake pedal several times until it feels firm.

24

Remove the jacks and chocks.



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

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

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BRAKE PADS: A WIDE SELECTION

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