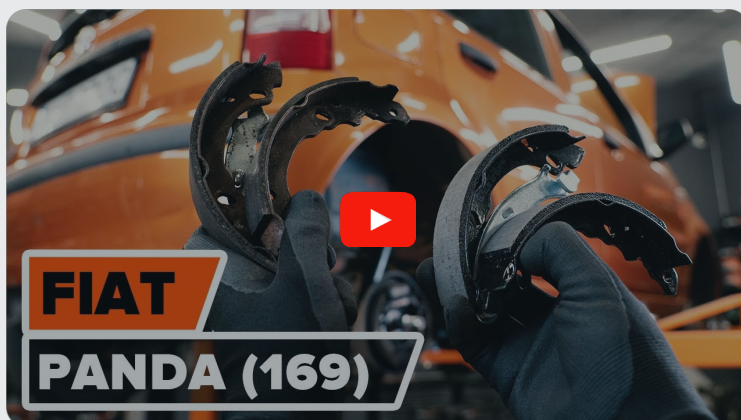




How to change rear  
brake shoes on **FIAT 500**  
**Hatchback (312)** –  
replacement guide

## 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) 1.2, FIAT 500 Hatchback (312) 1.3 D Multijet

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 PANDA (169) 1.2

REPLACEMENT: BRAKE SHOES – FIAT 500 HATCHBACK (312). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torque wrench
- Drive socket # 10
- Drive socket # 12
- Combination spanner #10
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Crow bar
- Round-nose pliers
- Wheel chock

**Buy tools**

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

- Replace brake shoes as a set on an axle. This will ensure efficient braking.
- The replacement procedure is identical for brake shoes on the same axle.
- Please note: all work on the car – FIAT 500 Hatchback (312) – 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.

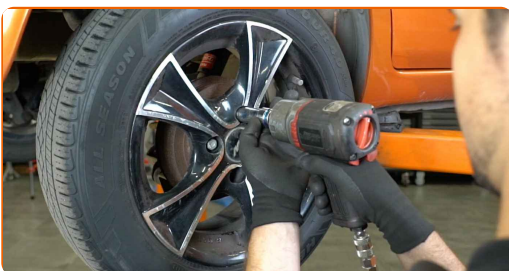
**2** Secure the wheels with chocks.

**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.

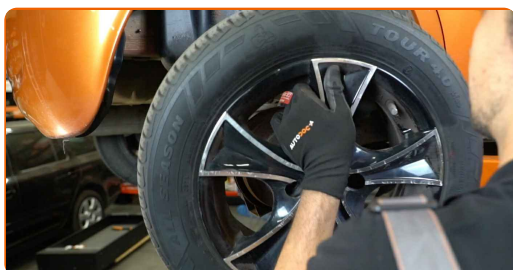


**AUTODOC recommends:**

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

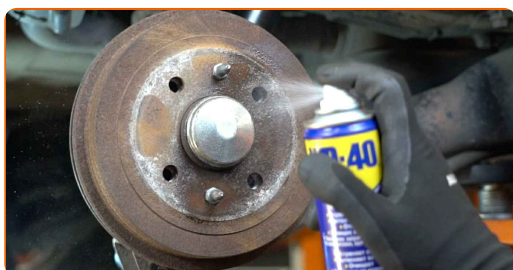
**6**

Remove the wheel.



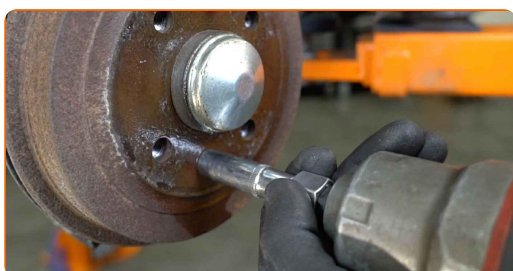
**7**

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



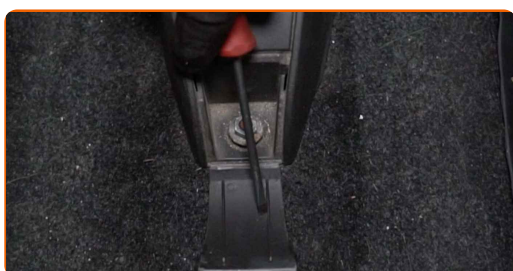
**8**

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

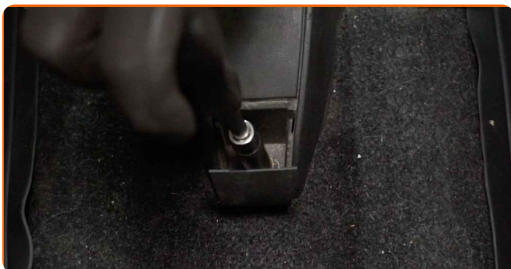


**9**

Remove the protective cover of the lower centre console. Use a flat screwdriver.



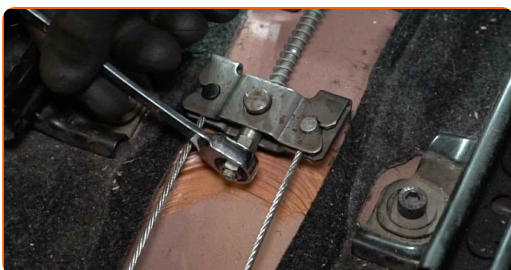
**10** Unscrew the front fasteners of the lower centre console. Use a drive socket #10. Use a ratchet wrench.



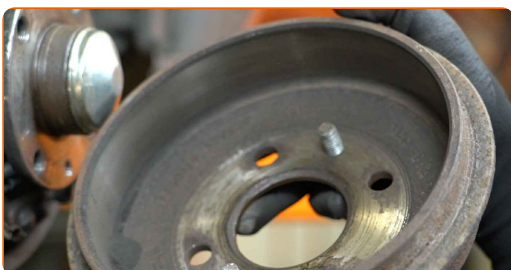
**11** Remove the lower centre console.



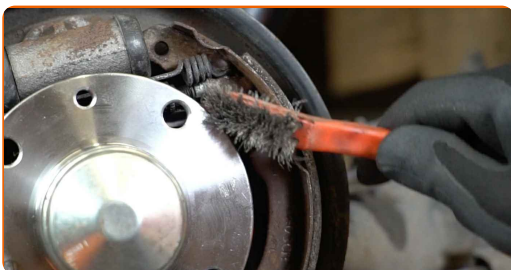
**12** Loosen the parking brake cable. Use a combination spanner #10.



**13** Remove the brake drum.

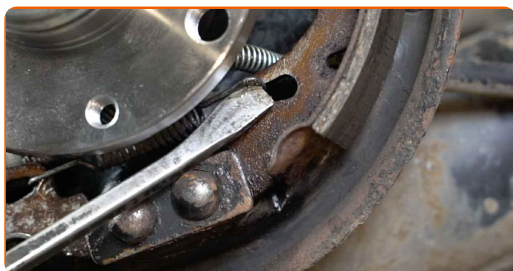


**14** Clean the fasteners of the brake shoes. Use a wire brush. Use WD-40 spray.

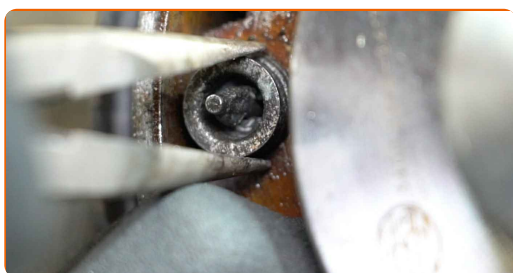




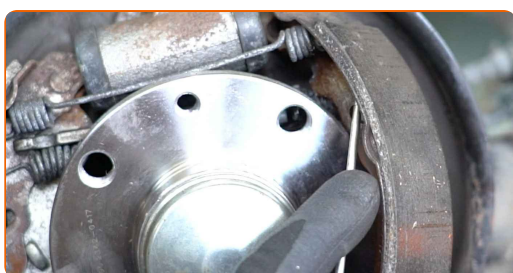
**15** Remove the lower return spring of brake shoes. Use a crowbar.



**16** Remove the hold-down pins of the brake shoes. Use round-nose pliers.



**17** Pull both brake shoes with the adjuster from the working brake cylinder, avoiding damage to the boots. Use a flat screwdriver.



**18** Remove both shoes from the mounting bracket.

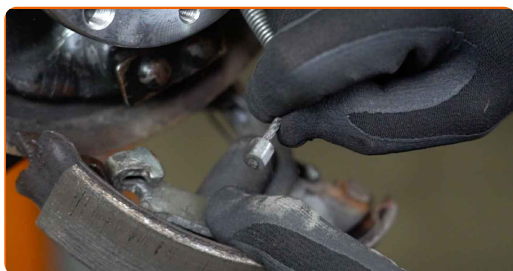


Replacement: brake shoes – FIAT 500 Hatchback (312). Tip from AUTODOC:

- Don't press the brake pedal after removing the rear brake drum shoes. This will cause the piston to fall out of the brake cylinder, leakage of brake fluid and depressurization of the system.

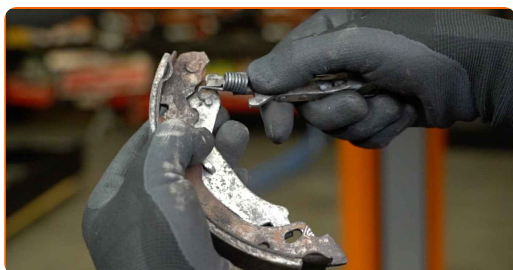
19

Disconnect the parking brake cable.



20

Perform further demounting of the upper retaining spring and the adjuster mechanism.



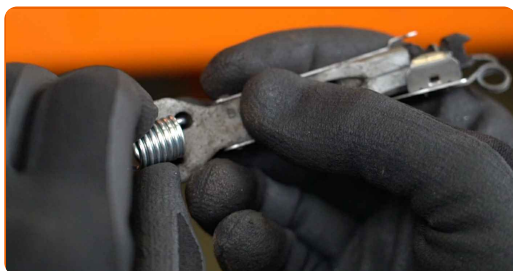
21

Clean the mounting seats of the brake shoes. Use a wire brush. Use all-purpose cleaning spray.

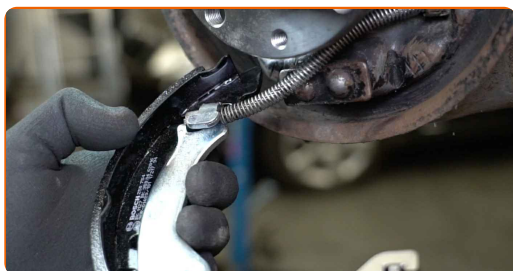




**22** Install the upper retaining springs and adjustment mechanism on new brake shoes.



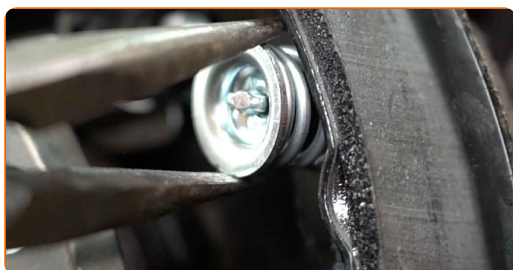
**23** Connect the parking brake cable to the parking brake lever.



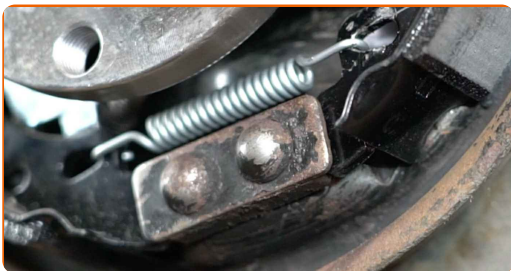
**24** Install the brake shoes on the working brake cylinder on the bracket and on the brake-support plate bracket.



**25** Reinstall the hold-down pins of the brake shoes. Use round-nose pliers.



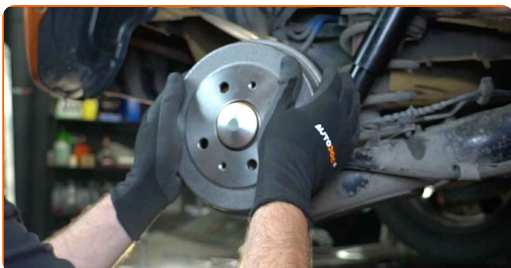
**26** Install the lower return spring. Use a crowbar. Use a flat screwdriver.



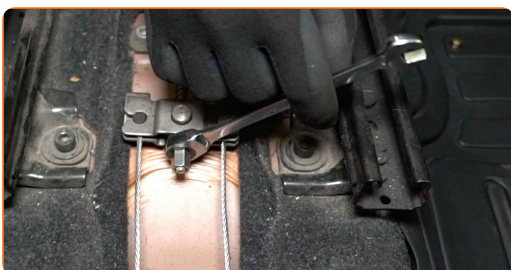
**27** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**28** Install a brake drum.



**29** Adjust the parking brake cable tension. Use a combination spanner #10.



**30** Remove the brake drum.



**31** Move the parking brake shoes against the drum. Use a flat screwdriver.



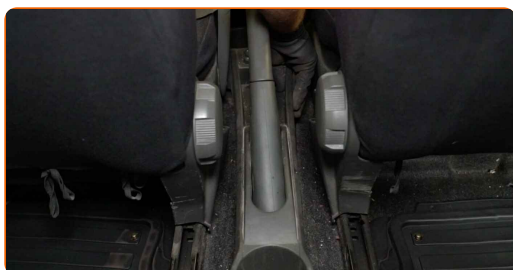
**32** Install a brake drum.



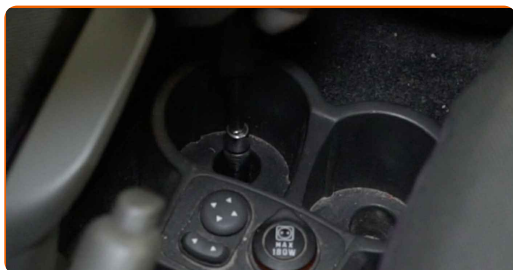
**33** Screw in the brake drum fastener. Use a drive socket #12. Use a ratchet wrench.



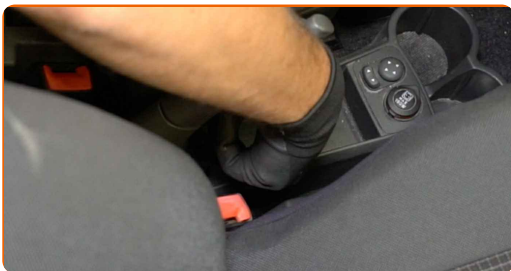
**34** Reinstall the lower centre console.



**35** Screw in the front fasteners of the lower centre console. Use a drive socket #10. Use a ratchet wrench.



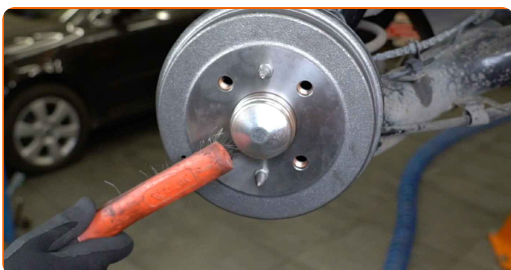
**36** Reinstall the protective cover of the lower centre console.



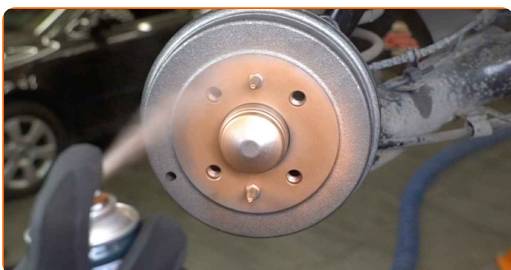
**37** Tighten the brake drum fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 10 Nm torque.



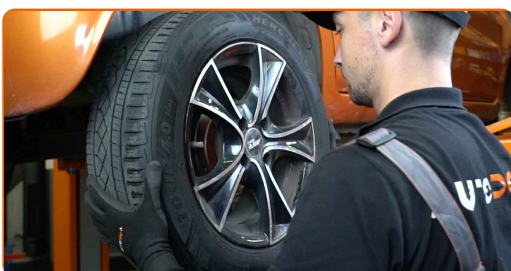
**38** Clean the wheel rim mounting seat. Use a wire brush.



**39** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



**40** 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)

**41**

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



**42**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 98 Nm torque.



**43**

Remove the jacks and chocks.





44

Tighten the brake fluid reservoir cap. Close the hood.



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

- Slow down gently for the first 150–200 km after replacing the brake shoes. Avoid excessive and abrupt braking during that time.

**WELL DONE!** 

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