



How to change front
brake pads on **VOLVO**
S80 II (124) –
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:

VOLVO S80 II (124) 1.6 T4, VOLVO S80 II (124) 2.0 T5, VOLVO S80 II (124) 3.0 T6 AWD, VOLVO S80 II (124) 2.0 D3 / D4, VOLVO S80 II (124) 3.2 AWD, VOLVO S80 II (124) 3.2, VOLVO S80 II (124) 1.6 DRIVe, VOLVO S80 II (124) 2.4 D5 AWD, VOLVO S80 II (124) 2.4 D5, VOLVO S80 II (124) 1.6 T4F, VOLVO S80 II (124) 4.4 V8 AWD, VOLVO S80 II (124) 2.5 T, VOLVO S80 II (124) 2.4 D, VOLVO S80 II (124) 2.5 T AWD, VOLVO S80 II (124) 2.5 T FlexFuel, (+ 7)

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: VOLVO V70 III (135) 2.0 FlexiFuel

**REPLACEMENT: BRAKE PADS – VOLVO S80 II (124).
TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Drive socket # 18
- HEX bit No.H7
- Torx bit T50
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Hammer
- Crow bar
- Impact screwdriver
- Wheel chock

Buy tools

Replacement: brake pads – VOLVO S80 II (124). Tip:

- 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 – VOLVO S80 II (124).
RECOMMENDED SEQUENCE OF STEPS:**

1 Open the bonnet.

2 Unscrew the brake fluid reservoir cap.



3 Secure the wheels with chocks.

4 Loosen the wheel bolts. Use wheel impact socket #19. Use a tap wrench.



5 Raise the car.

AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

6

Unscrew the wheel bolts.

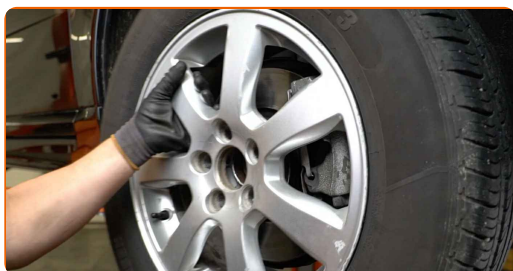


AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VOLVO S80 II (124)

7

Remove the wheel.

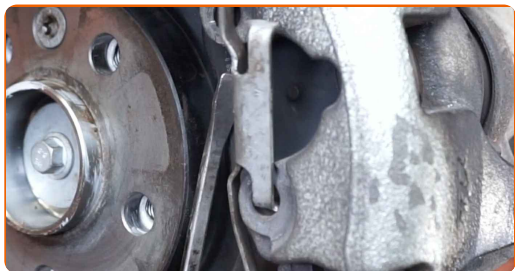


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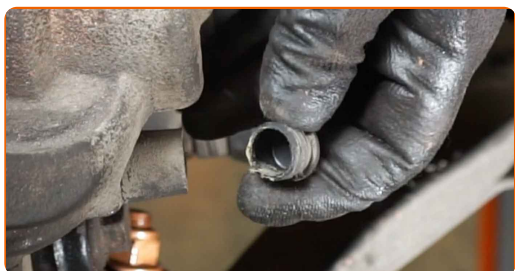
Spread the brake pads. Use a crowbar.



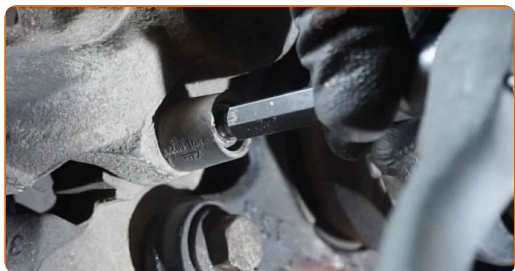
9 Detach the brake caliper retaining spring. Use a crowbar.



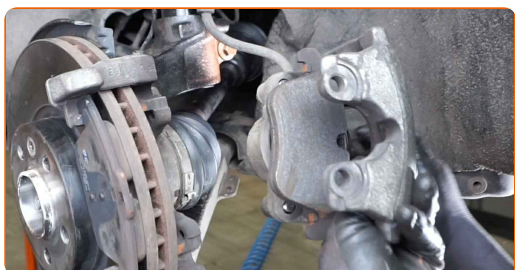
10 Remove the caps from the brake caliper guide pin boots. Use a crowbar.



11 Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.



12 Remove the brake caliper.



Replacement: brake pads – VOLVO S80 II (124). 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.

13

Remove the brake pads.



AUTODOC recommends:

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

14

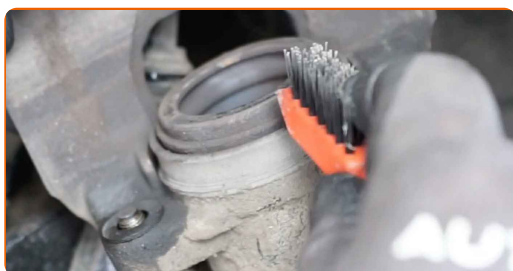
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

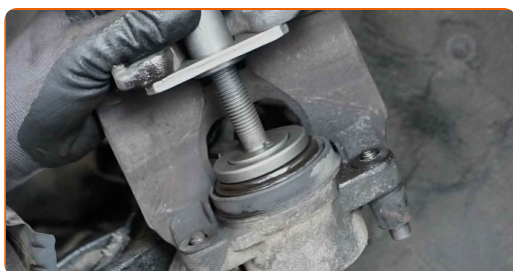
15

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



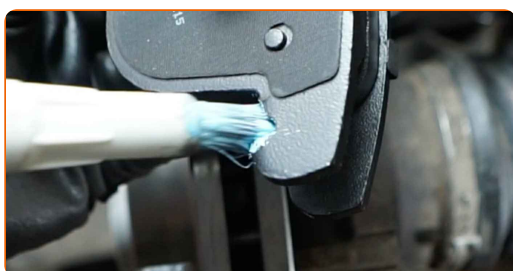
16

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



17

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.

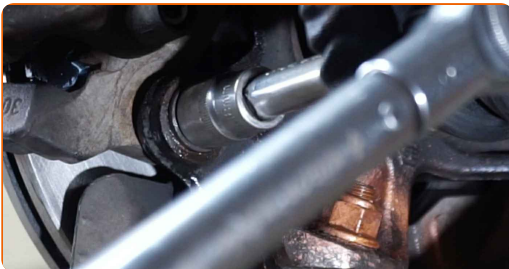
18 Install new brake pads.



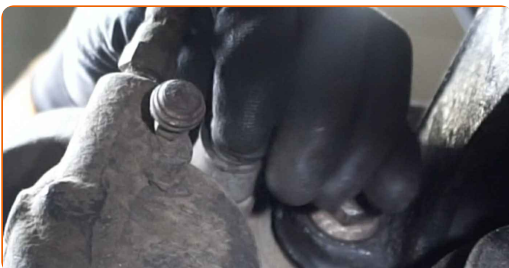
19 Install the brake caliper and fasten it.



20 Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 28 Nm torque.



21 Install the caps on the brake caliper guide pin boots.



22 Install the brake pad retaining clip.



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

24 Clean the brake disk surface. Use a brake cleaner.



25 Install the wheel.

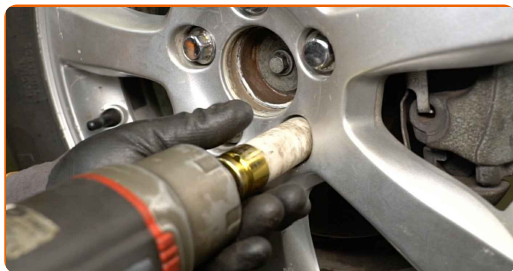


Replacement: brake pads – VOLVO S80 II (124). AUTODOC experts recommend:

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

26

Screw in the wheel bolts. Use wheel impact socket #19. Use a ratchet wrench.



27

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 140 Nm torque.



28

Remove the jacks and chocks.



AUTODOC recommends:

- VOLVO S80 II (124) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.
- Check the brake fluid level in the expansion tank and top up if necessary.

29

Tighten the brake fluid reservoir cap.



30

Close the bonnet.

Replacement: brake pads – VOLVO S80 II (124). Tip from AUTODOC:

- 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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