



How to change rear
brake pads on **VOLVO**
S80 I (184) – 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 I (184) 2.9, VOLVO S80 I (184) 2.8 T6, VOLVO S80 I (184) 2.4, VOLVO S80 I (184) 2.0 T, VOLVO S80 I (184) 2.5 TDI, VOLVO S80 I (184) 2.0, VOLVO S80 I (184) 2.4 T, VOLVO S80 I (184) 2.4 D5, VOLVO S80 I (184) 2.4 Bifuel (CNG), VOLVO S80 I (184) 3.0, VOLVO S80 I (184) 3.0 T6, VOLVO S80 I (184) 2.4 D, VOLVO S80 I (184) 2.5 T AWD, VOLVO S80 I (184) 2.5 T, VOLVO S80 I (184) 2.3 R, (+ 3)

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 II (285) 2.0 T

**REPLACEMENT: BRAKE PADS – VOLVO S80 I (184).
TOOLS YOU MIGHT NEED:**



- Wire brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit No.H7
- Brake caliper wind back tool
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – VOLVO S80 I (184). AUTODOC experts recommend:

- 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.
- Please note: all work on the car – VOLVO S80 I (184) – 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 #19.



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

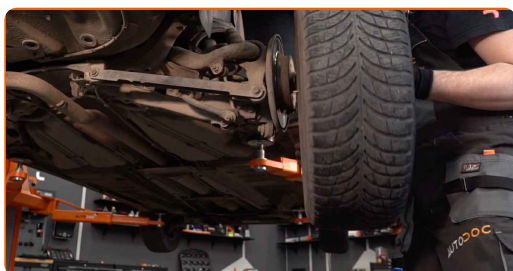
5 Unscrew the wheel bolts.



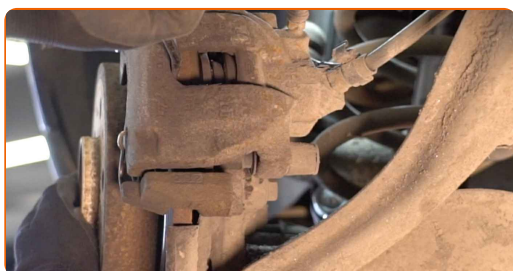
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
VOLVO S80 I (184)

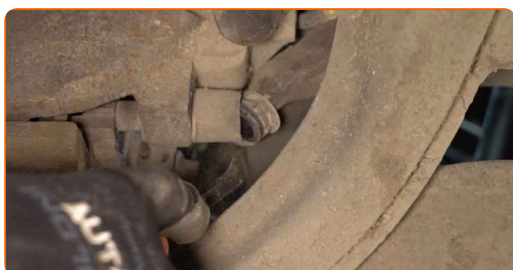
6 Remove the wheel.



7 Spread the brake pads. Use a crowbar.

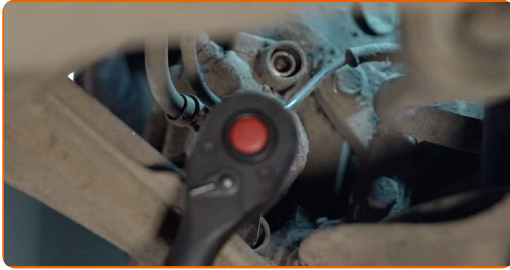


8 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

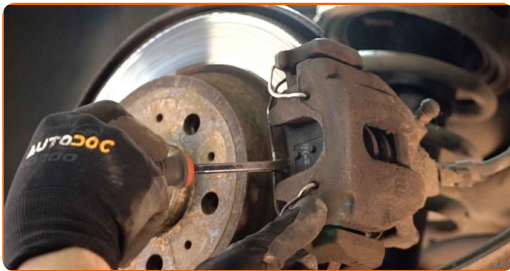


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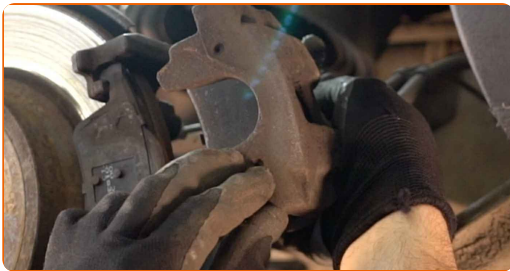
Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

**10**

Detach the brake caliper retaining spring. Use a crowbar.

**11**

Remove the brake caliper.

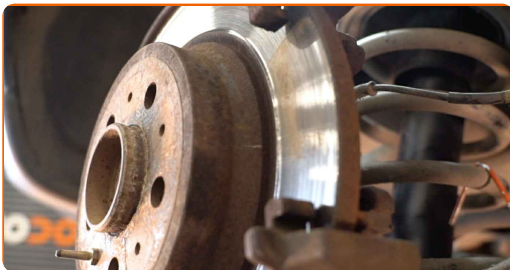


Replacement: brake pads – VOLVO S80 I (184). AUTODOC experts recommend:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12

Remove the brake pads. Use a crowbar.

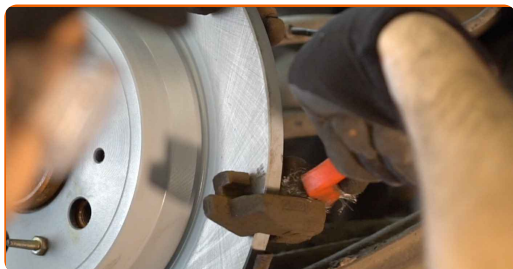


Replacement: brake pads – VOLVO S80 I (184). AUTODOC recommends:

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

13

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

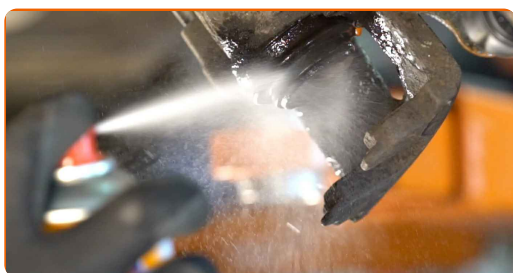


AUTODOC recommends:

- After applying the spray, wait a few minutes.

14

Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – VOLVO S80 I (184). After applying the spray, wait a few minutes.

15

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



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



Replacement: brake pads – VOLVO S80 I (184). Professionals recommend:

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

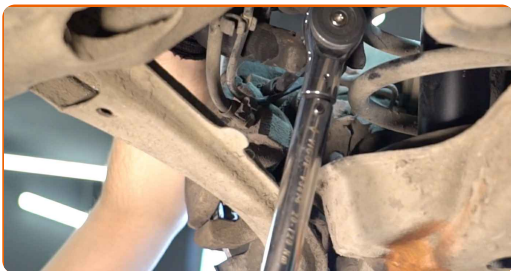
- 17** Install new brake pads.



Replacement: brake pads – VOLVO S80 I (184). AUTODOC recommends:

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

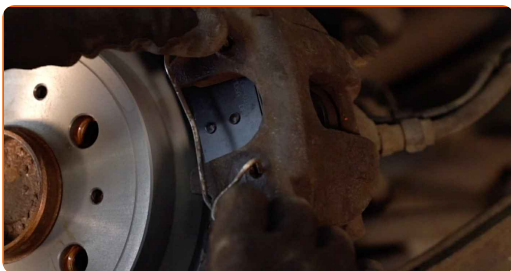
18 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



19 Install the dust boot caps of the brake caliper guide pins.



20 Install the brake caliper retaining spring. Use a rubber mallet. Use a crowbar.



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



22

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – VOLVO S80 I (184). After applying the spray, wait a few minutes.

23

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VOLVO S80 I (184)

24

Screw in the wheel bolts. Use wheel impact socket #19.



25

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



26

Remove the jacks and chocks.



Replacement: brake pads – VOLVO S80 I (184). Tip from AUTODOC:

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

27

Tighten the brake fluid reservoir cap.

Replacement: brake pads – VOLVO S80 I (184). Professionals recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

28

Close the hood.

Replacement: brake pads – VOLVO S80 I (184). 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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