



How to change rear  
brake pads on **Volvo V70**  
**SW** – replacement guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

VOLVO V70 I (875, 876) 2.4, VOLVO V70 I (875, 876) 2.4 Turbo AWD, VOLVO V70 I (875, 876) 2.5 TDI, VOLVO V70 I (875, 876) 2.3 Turbo, 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 V70 I (875, 876) 2.4 Bifuel, VOLVO XC70 Cross Country (295) 2.4 T XC AWD, VOLVO V70 II (285) 2.3 T5, VOLVO V70 II (285) 2.4 T, VOLVO V70 II (285) 2.5 TDI, (+ 44)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – VOLVO V70 SW. 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**

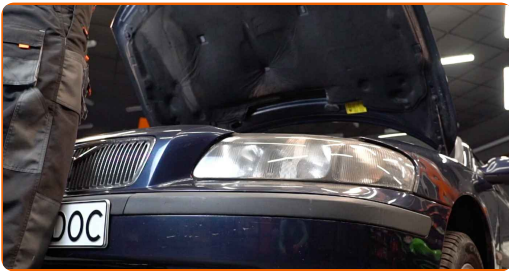
Replacement: brake pads – Volvo V70 SW. AUTODOC experts recommend:

- 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 V70 SW – 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.



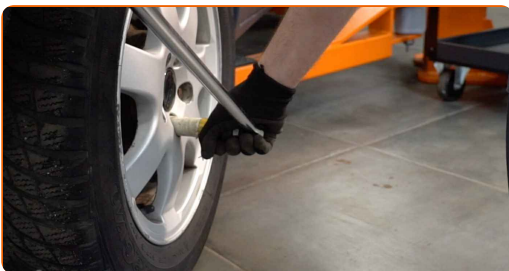
2

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.



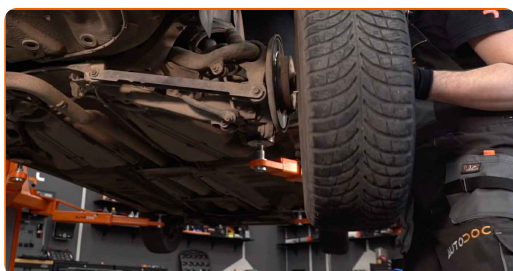
**5** Unscrew the wheel bolts.



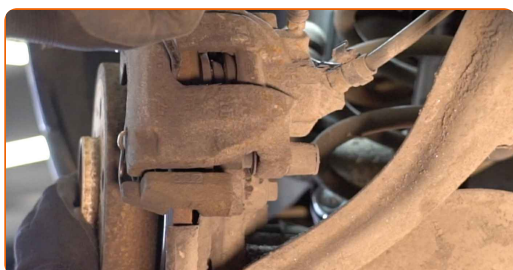
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Volvo V70 SW

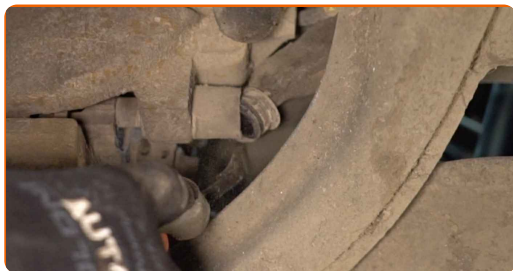
**6** Remove the wheel.



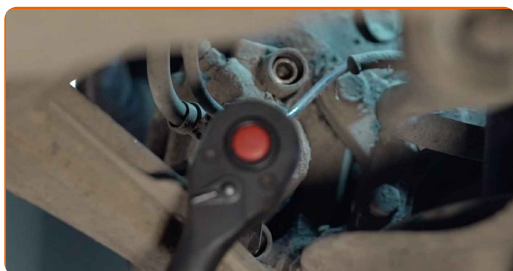
**7** Spread the brake pads. Use a crowbar.



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



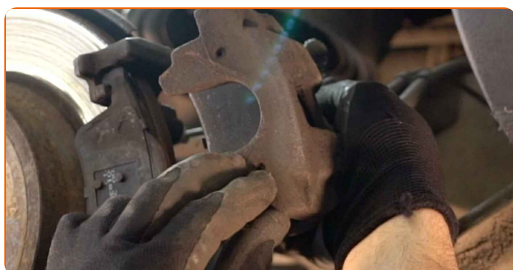
**9** Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



**10** Detach the brake caliper retaining spring. Use a crowbar.



**11** Remove the brake caliper.

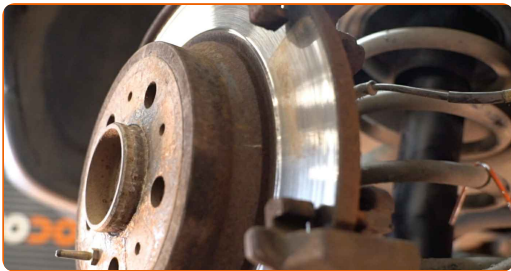


Replacement: brake pads – Volvo V70 SW. AUTODOC experts recommend:

- 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 V70 SW. 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.

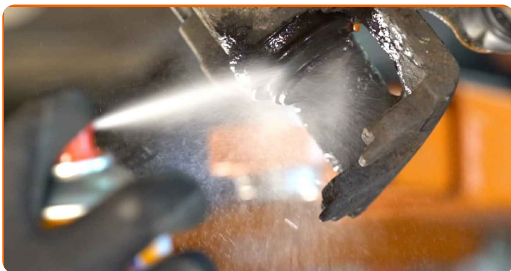


**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**14**

Treat the brake caliper piston. Use a brake cleaner.

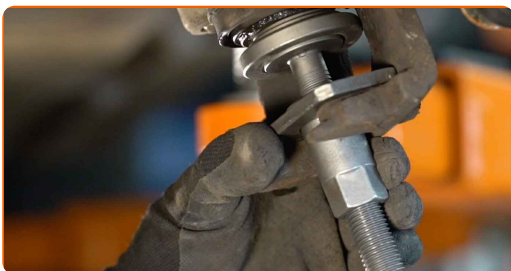


**AUTODOC recommends:**

- Replacement: brake pads – Volvo V70 SW. 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 V70 SW. Professionals recommend:

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

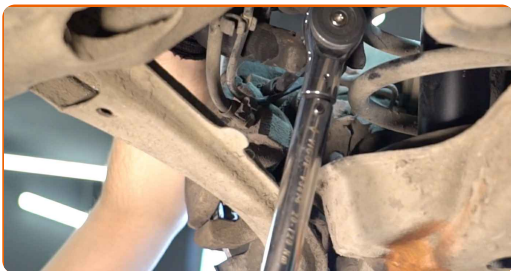
- 17** Install new brake pads.



Replacement: brake pads – Volvo V70 SW. AUTODOC recommends:

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

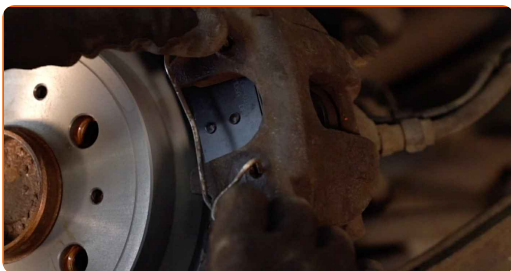
**18** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



**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.

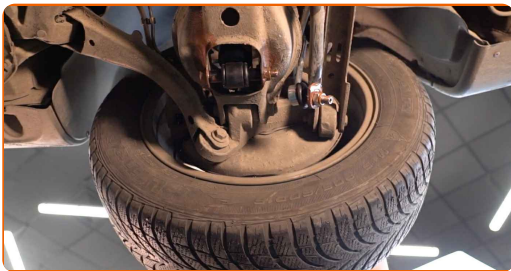


**AUTODOC recommends:**

- Replacement: brake pads – Volvo V70 SW. After applying the spray, wait a few minutes.

**23**

Install the wheel.

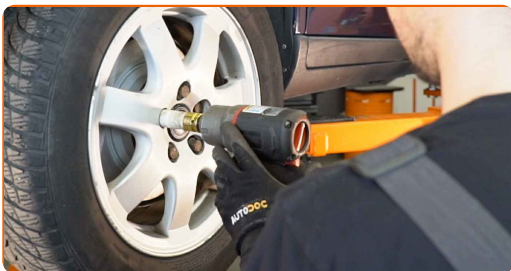


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Volvo V70 SW

**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 V70 SW. 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 V70 SW. 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 V70 SW. Tip from AUTODOC:**

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

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