



How to change front  
brake discs on **VOLVO**  
**V70 I (875, 876)** –  
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 V70 I (875, 876) 2.0, VOLVO V70 I (875, 876) 2.0 Turbo, VOLVO V70 I (875, 876) 2.0 Turbo AWD, VOLVO V70 I (875, 876) 2.4 Bifuel, VOLVO V70 I (875, 876) 2.4, VOLVO V70 I (875, 876) 2.4 Turbo AWD, VOLVO V70 I (875, 876) 2.5 TDi AWD

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 DISCS – VOLVO V70 I (875, 876). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- HEX bit No.H7.
- Impact socket №10
- Impact socket №15
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake discs – VOLVO V70 I (875, 876). AUTODOC experts recommend:

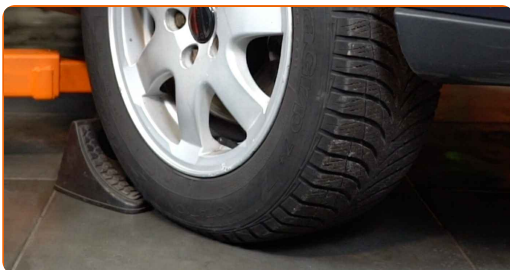
- Replace the brake disks on the car VOLVO V70 I (875, 876) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE DISCS – VOLVO V70 I (875, 876). USE THE FOLLOWING PROCEDURE:

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



**2** Secure the wheels with chocks.

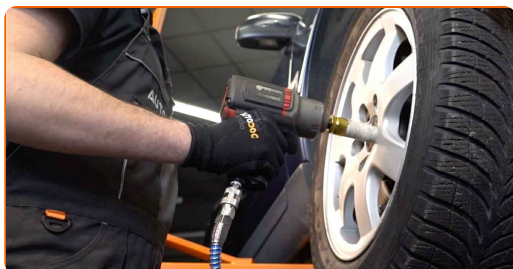


**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

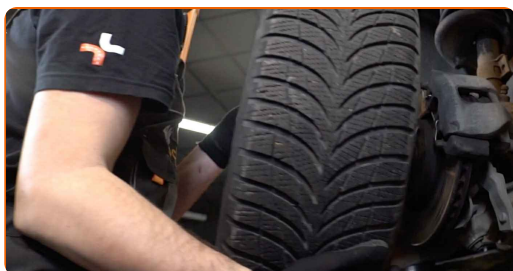
**5** Unscrew the wheel bolts.



Replacement: brake discs – VOLVO V70 I (875, 876). Tip:

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

**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.

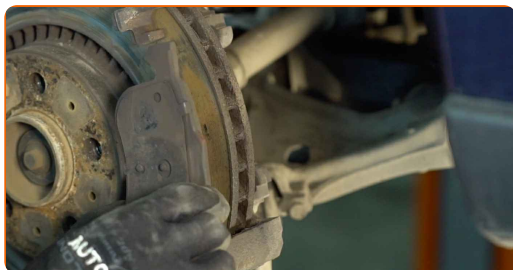


Replacement: brake discs – VOLVO V70 I (875, 876). AUTODOC recommends:

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

12

Remove the brake pads. Use a crowbar.



13

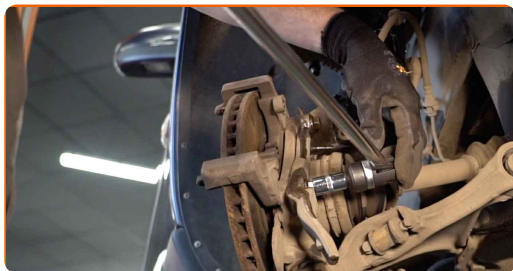
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.





14

Unscrew the caliper bracket fastening. Use a drive socket #15. Use a tap wrench. Use a ratchet wrench.



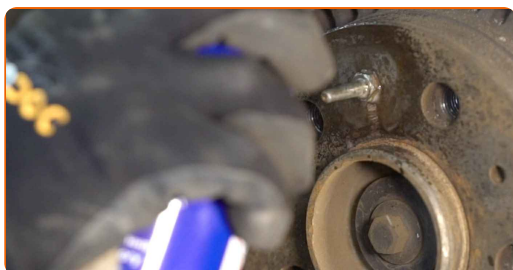
15

Remove the caliper bracket.



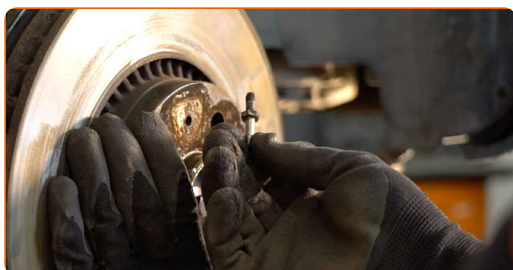
16

Clean the brake disk surface. Use a wire brush. Use WD-40 spray.



17

Unscrew the brake disc fastening. Use a drive socket #10. Use a ratchet wrench.





**18** Remove the brake disc.



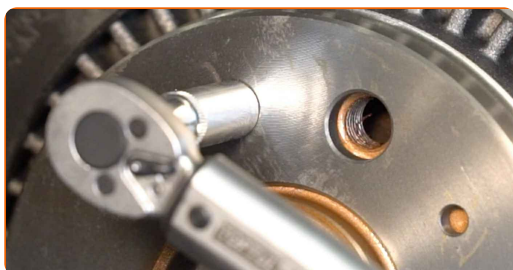
**19** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**20** Install the brake disc.



**21** Tighten the brake disc fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 9 Nm torque.



22

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

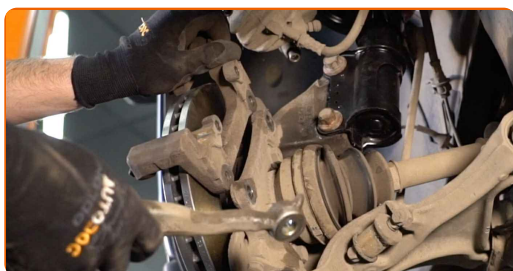


**AUTODOC recommends:**

- Replacement: brake discs – VOLVO V70 I (875, 876). After applying the spray, wait a few minutes.

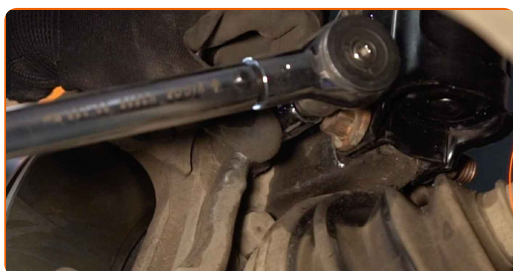
23

Install the brake caliper bracket.

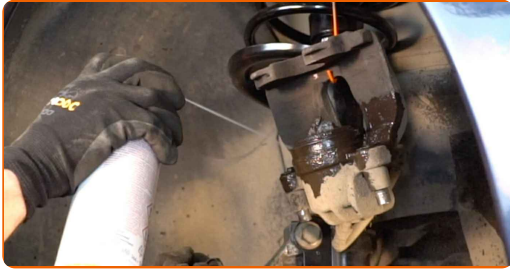


24

Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 100 Nm torque.



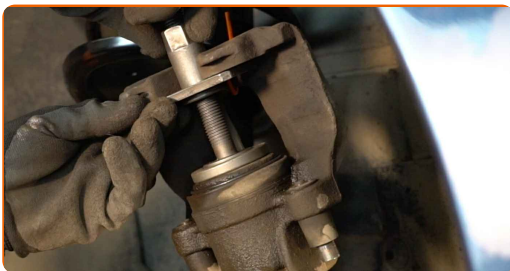
**25** Treat the brake caliper piston. Use a brake cleaner.



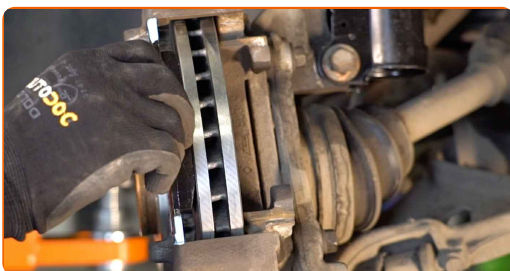
Replacement: brake discs – VOLVO V70 I (875, 876). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

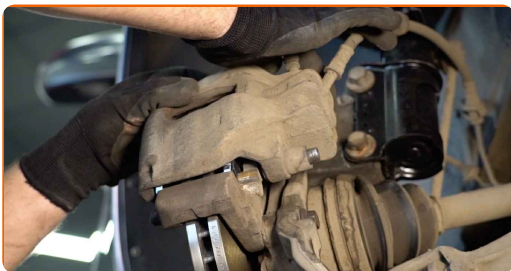
**26** Press in the brake caliper piston. Use brake caliper wind back tool.



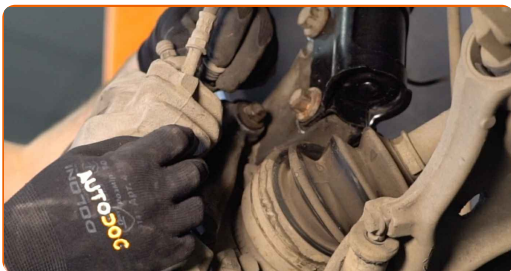
**27** Install the brake pads.



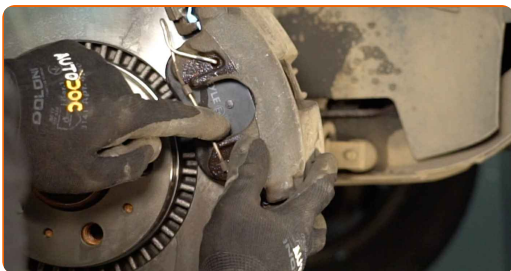
**28** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



**29** Install the dust boot caps of the brake caliper guide pins.



**30** Install the brake caliper retaining spring. Use a crowbar.



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



**32** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake discs – VOLVO V70 I (875, 876). After applying the spray, wait a few minutes.

**33**

Install the wheel.



**Replacement: brake discs – VOLVO V70 I (875, 876). Professionals recommend:**

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

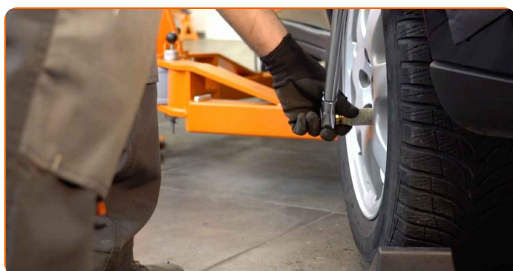
**34**

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



**35**

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



36

Remove the jacks and chocks.



**AUTODOC recommends:**

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

37

Tighten the brake fluid reservoir cap.



38

Close the hood.

**WELL DONE!** 

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