



How to change front
brake pads on **VOLVO**
XC70 Cross Country
(295) – 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 XC70 Cross Country (295) 2.4 T XC AWD, VOLVO XC70 Cross Country (295) 2.4 D5 XC AWD, VOLVO XC70 Cross Country (295) 2.5 T XC AWD, VOLVO XC70 Cross Country (295) 2.4 D5 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 PADS – VOLVO XC70 CROSS COUNTRY (295). TOOLS YOU NEED:



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

Buy tools

Replacement: brake pads – VOLVO XC70 Cross Country (295). Professionals recommend:

- Replace the brake disks on the car VOLVO XC70 Cross Country (295) 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 PADS – VOLVO XC70 CROSS COUNTRY (295). RECOMMENDED SEQUENCE OF STEPS:

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.

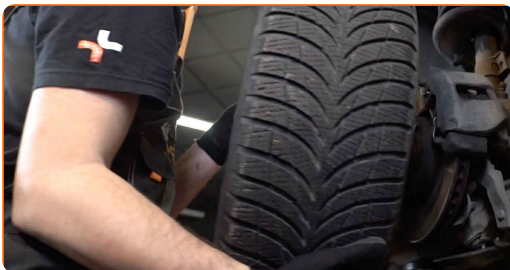
5 Unscrew the wheel bolts.



Replacement: brake pads – VOLVO XC70 Cross Country (295). AUTODOC recommends:

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

6 Remove the wheel.



7 Spread the brake pads. Use a crowbar.



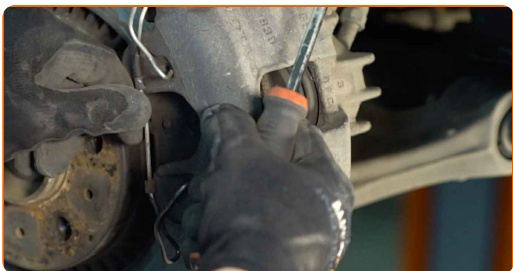
8 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



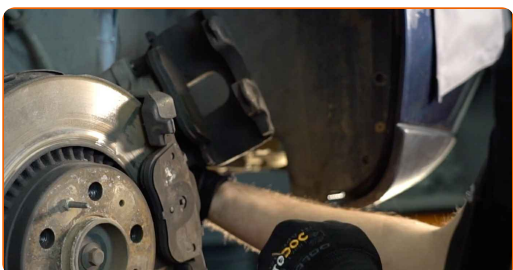
9 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



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



11 Remove the brake caliper.

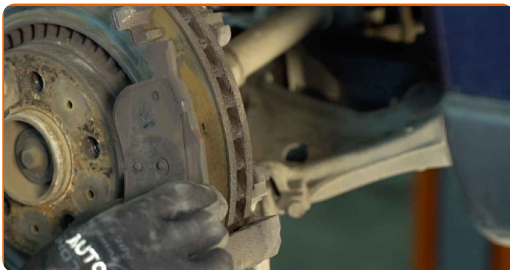


Replacement: brake pads – VOLVO XC70 Cross Country (295). AUTODOC experts recommend:

- 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.

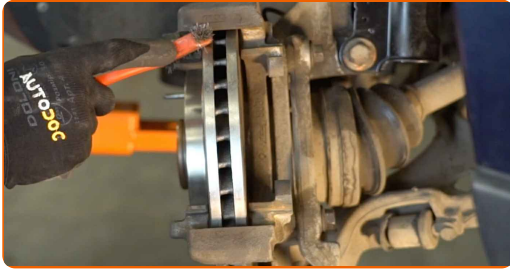


Replacement: brake pads – VOLVO XC70 Cross Country (295). Tip from AUTODOC:

- 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:

- Replacement: brake pads – VOLVO XC70 Cross Country (295). After applying the spray, wait a few minutes.

14

Treat the brake caliper piston. Use a brake cleaner.

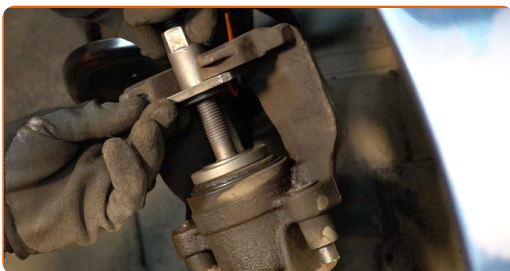


Replacement: brake pads – VOLVO XC70 Cross Country (295). Tip:

- After applying the spray, wait a few minutes.

15

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



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

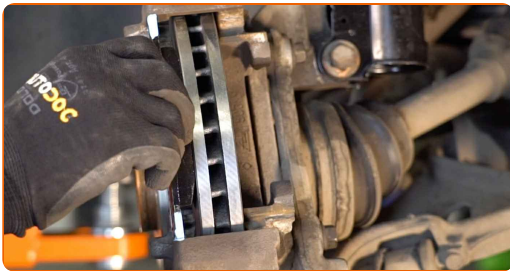


Replacement: brake pads – VOLVO XC70 Cross Country (295). Tip from AUTODOC experts:

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

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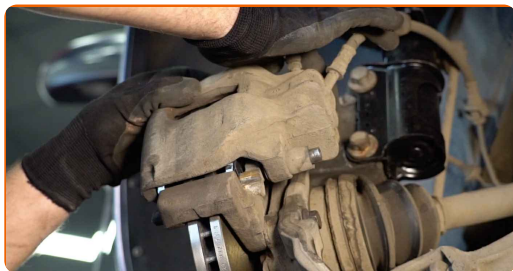
Install new brake pads.



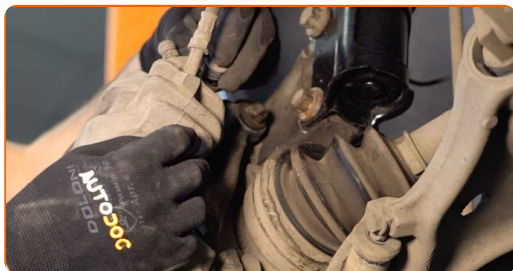
Replacement: brake pads – VOLVO XC70 Cross Country (295). Professionals recommend:

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

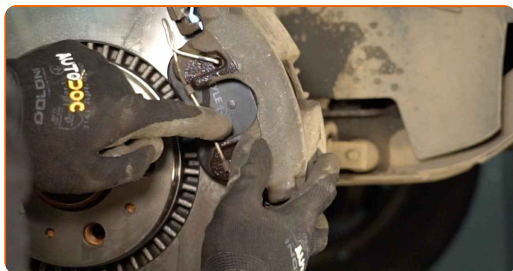
18 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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



20 Install the brake caliper retaining spring. Use a 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 XC70 Cross Country (295). After applying the spray, wait a few minutes.

23

Install the wheel.



Replacement: brake pads – VOLVO XC70 Cross Country (295). AUTODOC recommends:

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

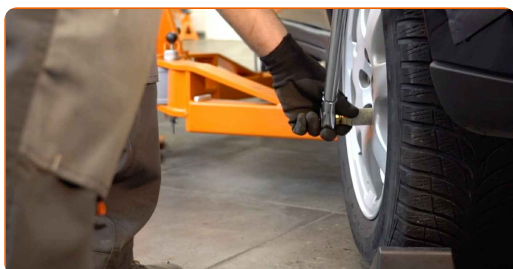
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Screw in the wheel bolts. Use wheel impact socket #19.

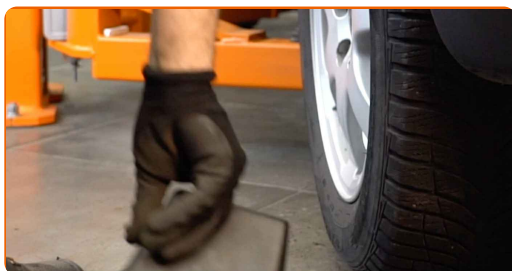


25

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.



AUTODOC recommends:

- Important! Replacement: brake pads – VOLVO XC70 Cross Country (295). Check the brake fluid level in the reservoir and top up if necessary.

27 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- VOLVO XC70 Cross Country (295) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

28 Close the hood.

Replacement: brake pads – VOLVO XC70 Cross Country (295). AUTODOC experts recommend:

- 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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