VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
VOLVO C30 (533) 1.6 D, VOLVO S40 II (544) 1.6 D, VOLVO V50 (545) 1.6 D

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – VOLVO V50 MW. LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 13
- HEX bit no.H7.
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

Replacement: brake discs – Volvo V50 MW. AUTODOC recommends:

- Replace the brake disks on the car Volvo V50 MW 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.
- Warning! Shut down the engine before starting any work – Volvo V50 MW.

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.

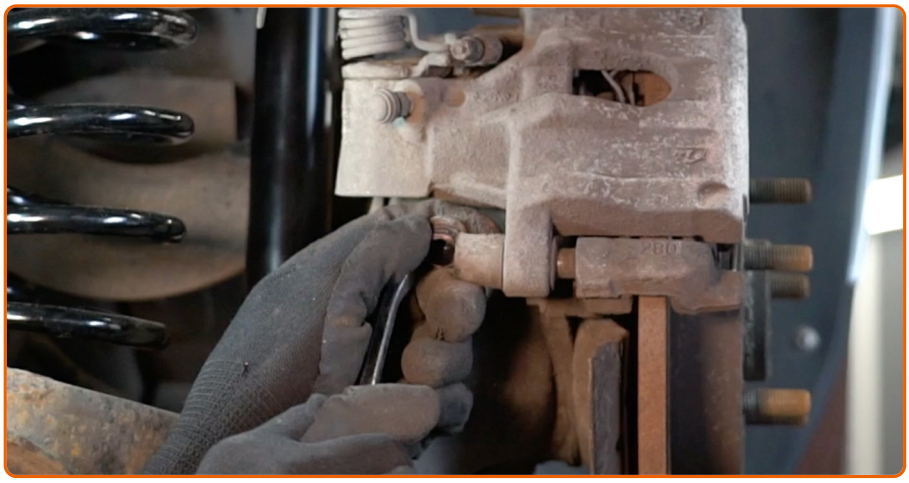
Replacement: brake discs – Volvo V50 MW. Tip:

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

6

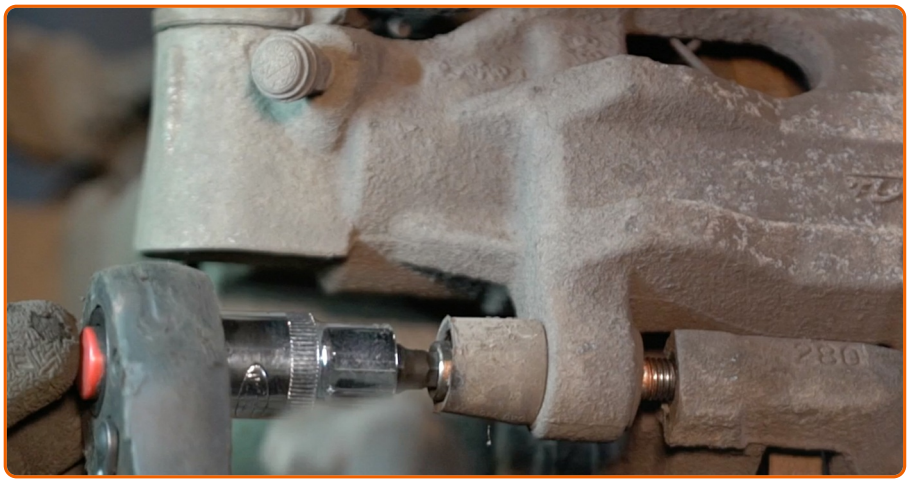
Remove the wheel.

7



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

8



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

9

Detach the brake caliper retaining spring. Use a crowbar.

10

Remove the brake caliper. Use a crowbar.

Replacement: brake discs – Volvo V50 MW. 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.

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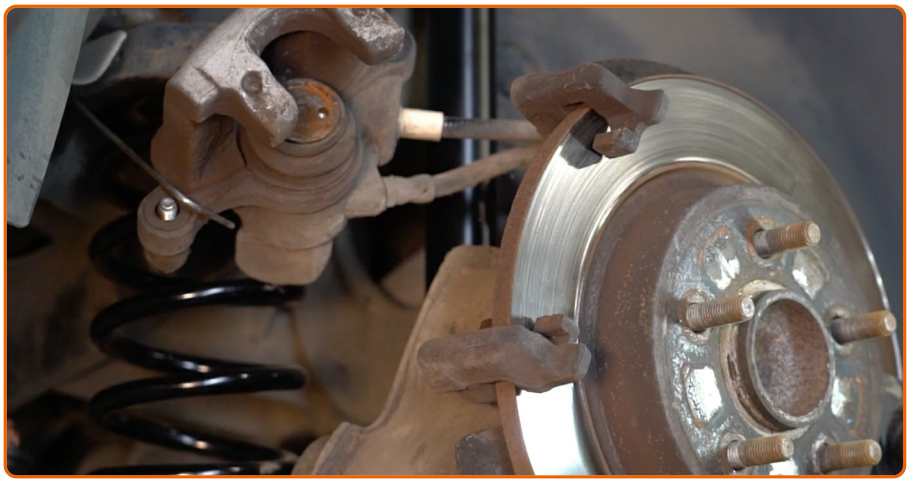
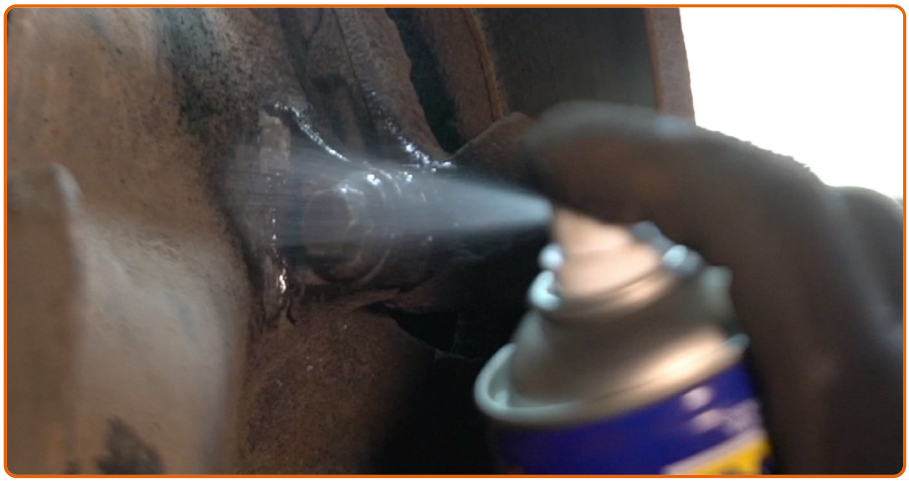


Remove the brake pads. Use a crowbar.

12



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

13

Unscrew the caliper bracket fastening. Use a drive socket #13. Use a ratchet wrench. Use a tap wrench.

14

Remove the caliper bracket.

15

Remove the brake disc. Use a rubber mallet.

16

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

Replacement: brake discs – Volvo V50 MW. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

17

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

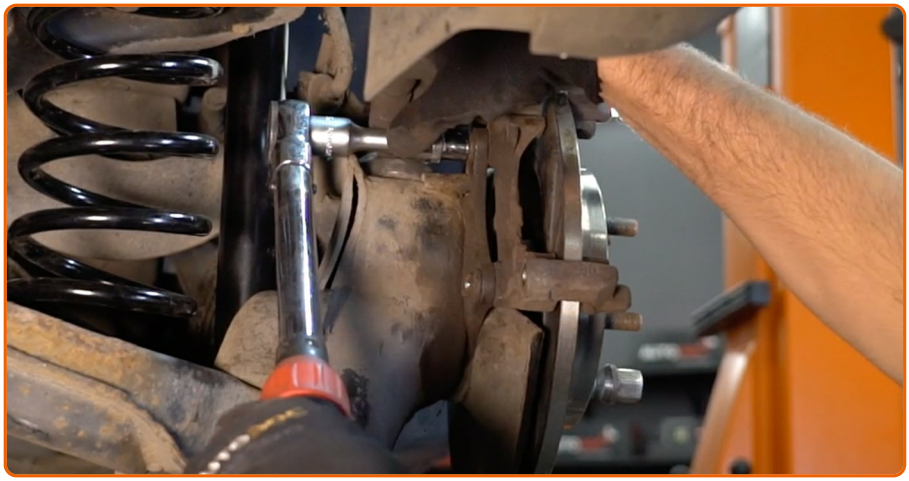
18

Install the brake disc.

19

Install the brake caliper bracket.

20



Tighten the brake caliper bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 65 Nm torque.

21

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Volvo V50 MW. After applying the spray, wait a few minutes.

22

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

23

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

24

Install the brake pads.

25

Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.

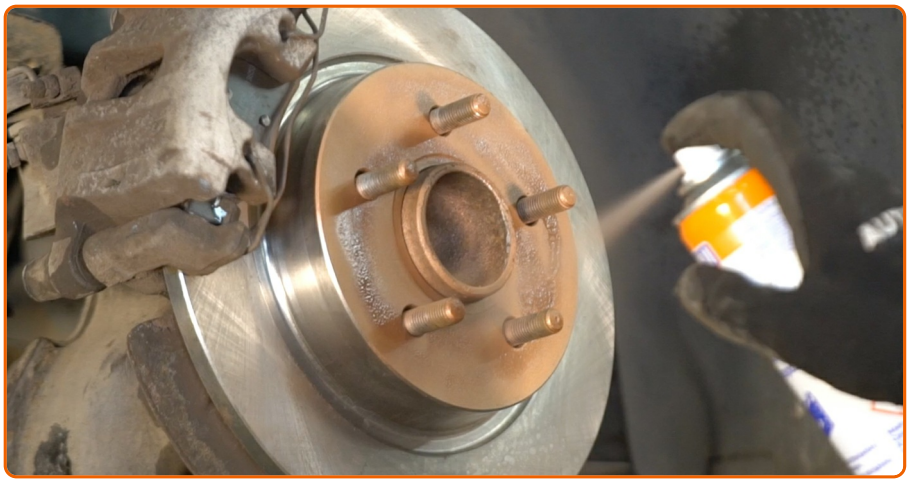
26

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

27

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

28



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

29

Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Volvo V50 MW. Professionals recommend:

- After applying the spray, wait a few minutes.

30

Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Volvo V50 MW

31

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

32

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

33

Remove the jacks and chocks.

Replacement: brake discs – Volvo V50 MW. AUTODOC recommends:

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

34

Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Volvo V50 MW – Without starting the engine, press the brake pedal several times until it feels firm.

35

Close the hood.

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YES NO

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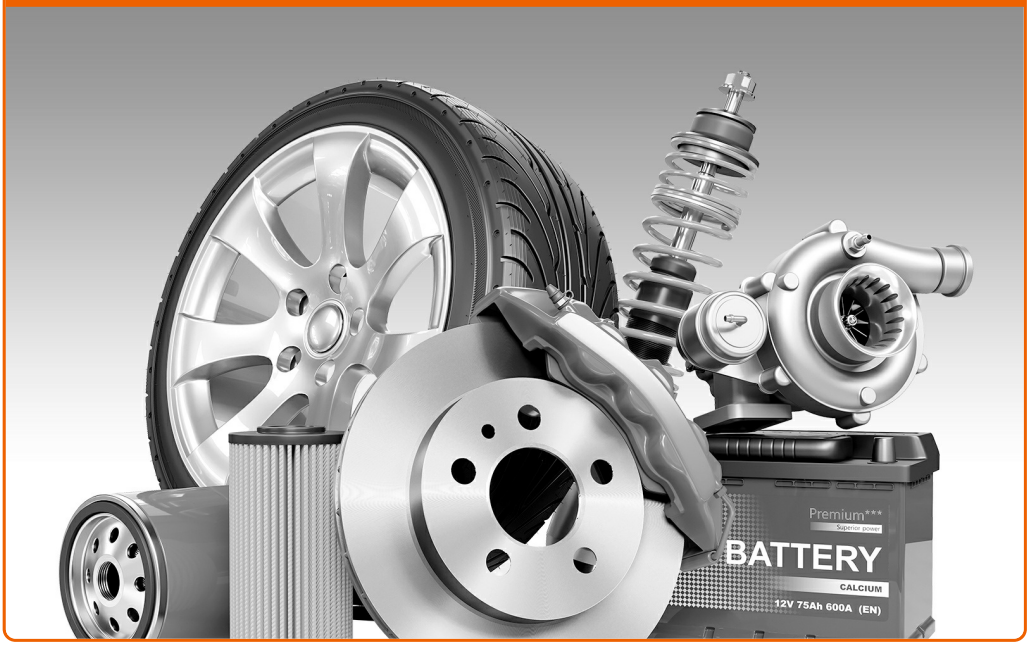

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