



How to change front
brake discs on **DS DS 3** –
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:

DS DS 3 1.6 THP 165, DS DS 3 1.6 THP 208, DS DS 3 1.6 THP, DS DS 3 1.6 BlueHDi 116

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: PEUGEOT 207 Hatchback 1.6 16V VTi

REPLACEMENT: BRAKE DISCS – DS DS 3. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Brake caliper guide pins grease
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 13
- Torx bit T30
- Torx bit T55
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Impact screwdriver
- Crow bar
- Wheel chock

[Buy tools](#)

Replacement: brake discs – DS DS 3. AUTODOC experts recommend:

- Replace the brake disks on the car DS DS 3 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 – DS DS 3. 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 #17.



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

5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. DS DS 3

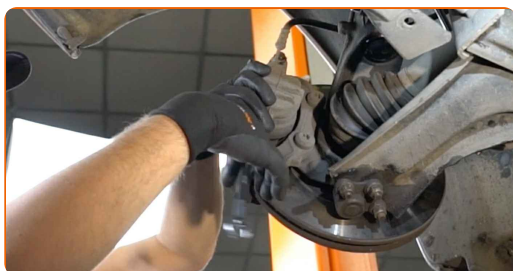
6 Remove the wheel.



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



8 Unscrew the brake caliper fastening. Use a combination spanner #13.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake discs – DS DS 3. Tip from AUTODOC experts:

- 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.

11 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 Torx T55. Use a tap wrench. Use a ratchet wrench.



14 Remove the caliper bracket.



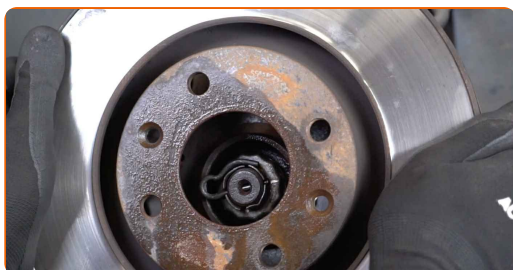
15 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



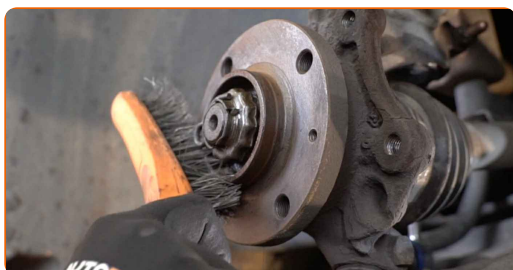
16 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



17 Remove the brake disc.



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



19 Install the brake disc.



20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – DS DS 3. Tip:

- After applying the spray, wait a few minutes.

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

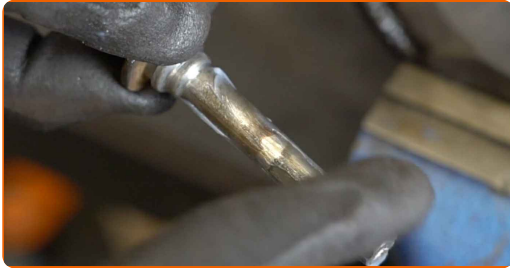


AUTODOC recommends:

- After applying the spray, wait a few minutes.

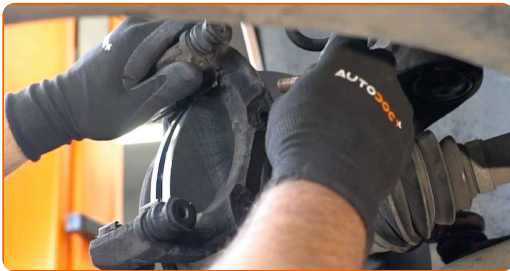
23

Treat the brake caliper guide pins. Use the brake caliper guide pin grease.



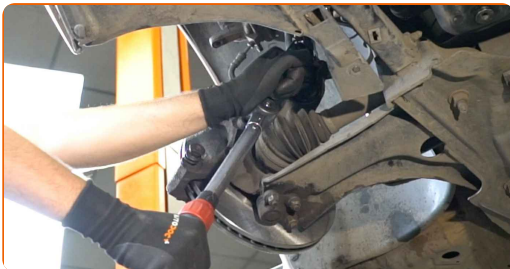
24

Install the brake caliper bracket.



25

Tighten the brake caliper bracket. Use Torx T55. Use a torque wrench. Tighten it to 105 Nm torque.



26

Install the brake pads.



27

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



Replacement: brake discs – DS DS 3. AUTODOC recommends:

- After applying the spray, wait a few minutes.

28

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



29

Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



30

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



31

Clean the brake disk surface. Use a brake cleaner.

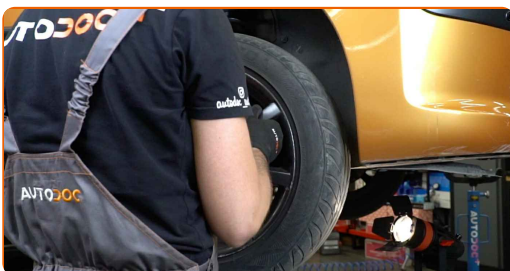


AUTODOC recommends:

- After applying the spray, wait a few minutes.

32

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. DS DS 3

33 Screw in the wheel bolts. Use wheel impact socket #17.



34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 100 Nm torque.



35 Remove the jacks and chocks.



Replacement: brake discs – DS DS 3. Professionals recommend:

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

36 Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

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

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