



How to change rear
brake discs on
MERCEDES-BENZ W124
Estate (S124) –
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:
MERCEDES-BENZ W124 Estate (S124) 300 TE 3.0 (124.090)

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: MERCEDES-BENZ E-Class Saloon (W124) E 250 D (124.126, 124.129)

REPLACEMENT: BRAKE DISCS – MERCEDES-BENZ W124 ESTATE (S124). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Drive socket # 17
- HEX bit No.H5
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Pin punch
- Hammer
- Tap wrench
- Long nose pliers
- Crow bar
- Wheel chock

Buy tools

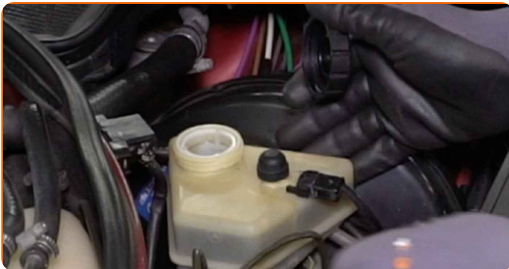
Replacement: brake discs – MERCEDES-BENZ W124 Estate (S124). AUTODOC experts recommend:

- Replace the brake disks on the car MERCEDES-BENZ W124 Estate (S124) 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 – MERCEDES-BENZ W124 ESTATE (S124). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet.

2 Unscrew the brake fluid reservoir cap.



3 Secure the wheels with chocks.

4 Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



5 Raise the car.

AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

6 Unscrew the wheel bolts.



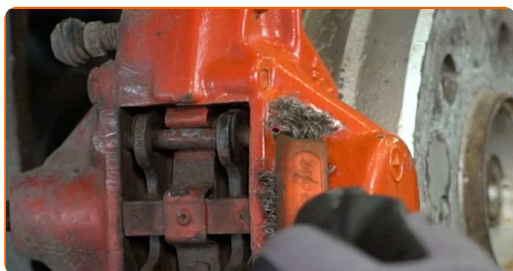
Replacement: brake discs – MERCEDES-BENZ W124 Estate (S124). Tip:

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

7 Remove the wheel.



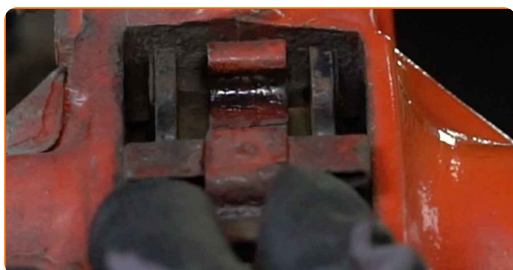
8 Clean the brake pad guide pins. Use a wire brush. Use all-purpose cleaning spray.



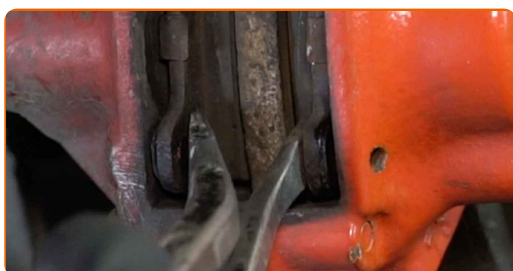
9 Remove the brake pad guide pins. Use a pin punch. Use a hammer.



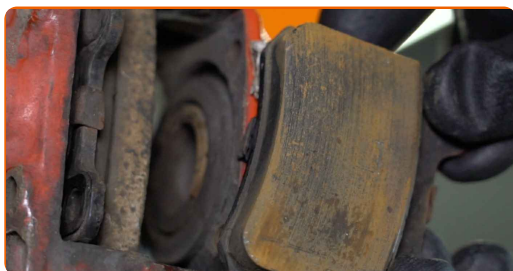
10 Remove the retaining spring of the brake pads.



11 Spread the brake pads. Use a crowbar (2 pieces).



12 Remove the brake pads.



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



14 Unscrew the brake caliper fasteners. Use a combination spanner #17.



15 Remove the fastening bolts.



16 Remove the brake caliper.



Replacement: brake discs – MERCEDES-BENZ W124 Estate (S124). 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.

17

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



18

Unscrew the brake disc fasteners. Use HEX No.H5. Use a ratchet wrench.



19 Remove the fastening bolt.



20 Release the parking brake adjuster. Use a flat screwdriver.



21 Remove the brake disc.



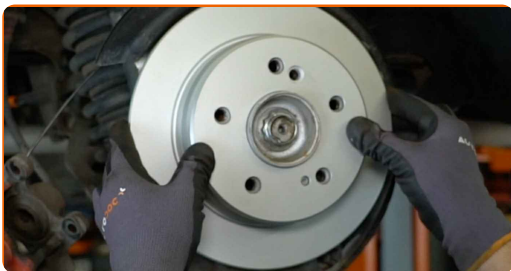
22 Clean the wheel hub. Use a wire brush.



23 Treat the contacting surface. Use ceramic grease.



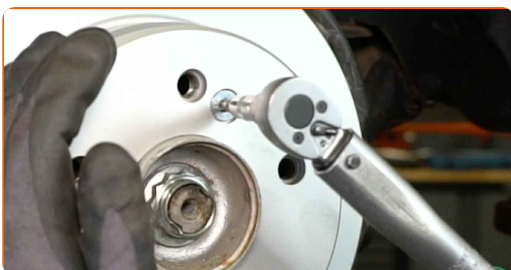
24 Install a new brake disc.



25 Install the fastening bolt.



26 Tighten the brake disc fasteners. Use HEX No.H5. Use a torque wrench. Tighten it to 10 Nm torque.



27 Set the parking brake adjuster in the correct position. Use a flat screwdriver.



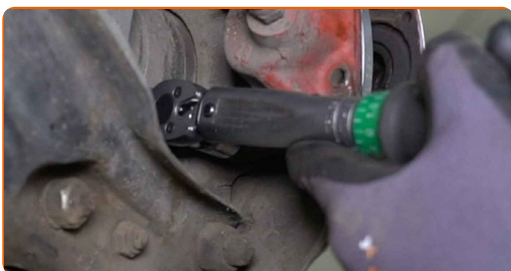
28 Install the brake caliper and fasten it.



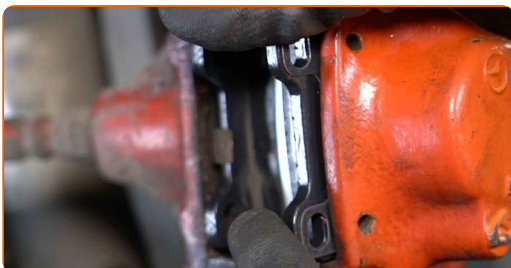
29 Install the fastening bolts.



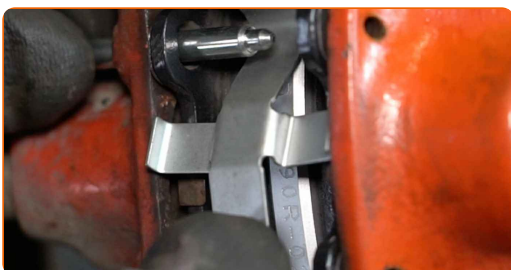
30 Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



31 Install the brake pads.



32 Install the retaining spring of the brake pads.



33 Install the brake pad guide pins. Use a pin punch. Use a hammer.



34 Clean the brake disc surface. Use a brake cleaner.



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



36 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ W124 Estate (S124)

37 Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



- 38** 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 110 Nm torque.



- 39** Remove the jacks and chocks.



AUTODOC recommends:

- MERCEDES-BENZ W124 Estate (S124) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.
- Check the brake fluid level in the expansion tank and top up if necessary.

- 40** Tighten the brake fluid reservoir cap.



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Close the bonnet.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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