



How to change front
brake pads on
**MERCEDES-BENZ S-
Class Saloon (W220)** –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

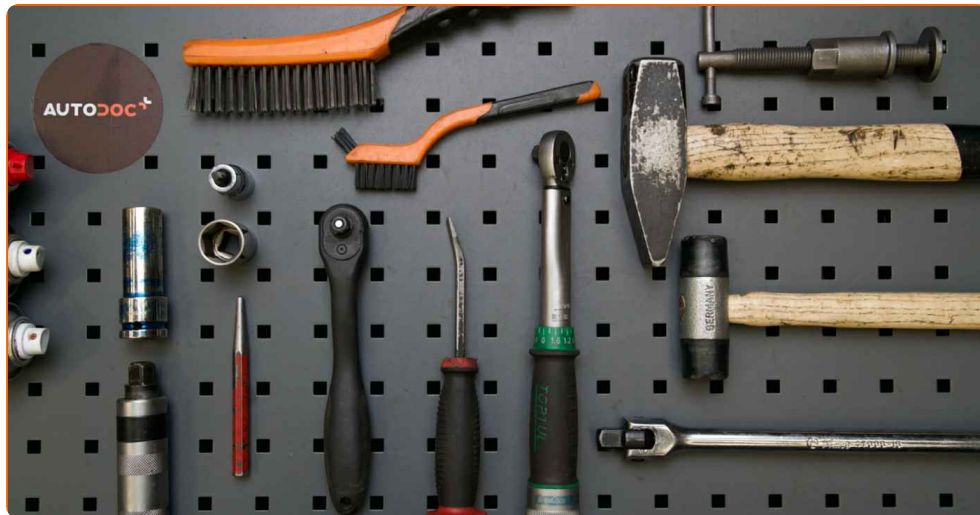
This replacement procedure can be used for:

MERCEDES-BENZ S-Class Saloon (W220) S 320 (220.065, 220.165), MERCEDES-BENZ S-Class Saloon (W220) S 430 (220.070, 220.170), MERCEDES-BENZ S-Class Saloon (W220) S 500 (220.075, 220.175, 220.875), MERCEDES-BENZ S-Class Saloon (W220) S 280 (220.063, 220.163), MERCEDES-BENZ S-Class Saloon (W220) S 55 AMG (220.073, 220.173), MERCEDES-BENZ S-Class Saloon (W220) S 320 CDI (220.026, 220.126), MERCEDES-BENZ S-Class Saloon (W220) S 600 (220.878, 220.178), MERCEDES-BENZ S-Class Saloon (W220) S 400 CDI (220.028, 220.128), MERCEDES-BENZ S-Class Saloon (W220) S 500 5.0 (220.075, 220.175, 220.875)

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 M-Class (W163) ML 270 CDI (163.113)

REPLACEMENT: BRAKE PADS – MERCEDES-BENZ S-CLASS SALOON (W220). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Wheel impact socket #17
- Pin punch
- Hammer
- Rubber mallet
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220).
AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – MERCEDES-BENZ S-Class Saloon (W220) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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

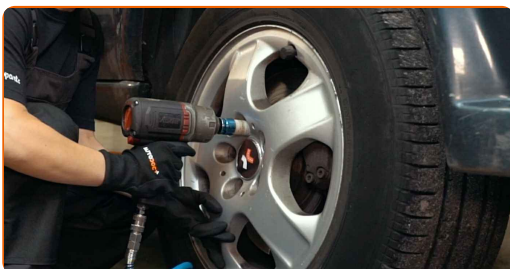
2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

5 Unscrew the wheel bolts.

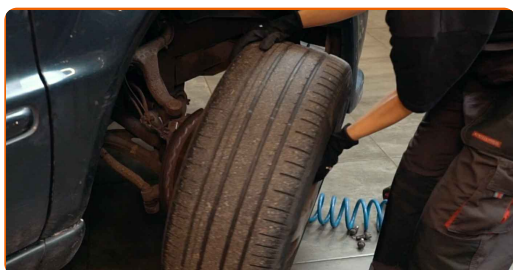


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
MERCEDES-BENZ S-Class Saloon (W220)

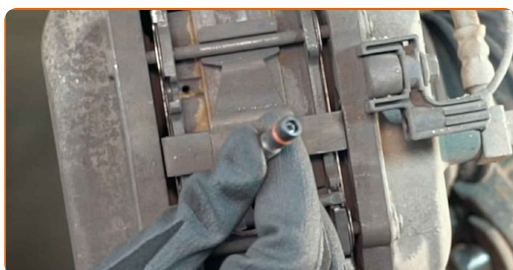
6

Remove the wheel.



7

Detach the connector of the brake pad wear sensor.



Please note!

- Some cars are not equipped with the brake pad wear sensor.

8

Clean the brake caliper surface. Use a wire brush. Use a brake cleaner.

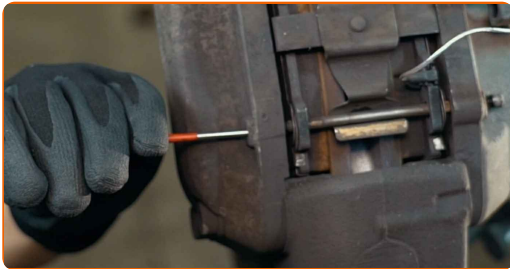


AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). After applying the spray, wait a few minutes.

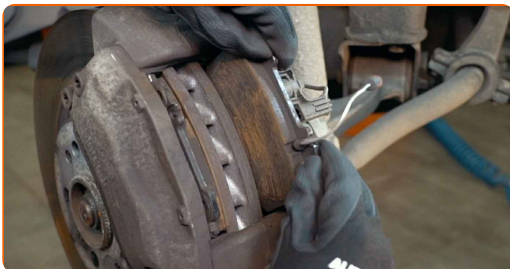
9

Remove the brake pads retaining clips. Use a pin punch. Use a hammer. Use a crowbar.



10

Remove the brake pads. Use a crowbar.



Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

11

Clean the brake caliper surface. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). After applying the spray, wait a few minutes.

12

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

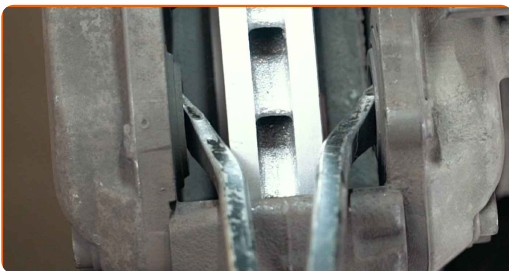


AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). After applying the spray, wait a few minutes.

13

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



14

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

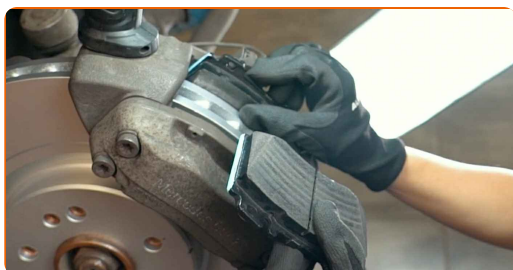


Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220).
AUTODOC experts recommend:

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

15

Install the brake pads.



Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). Tip:

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

16

Install the brake pads retaining clips. Use a rubber mallet.

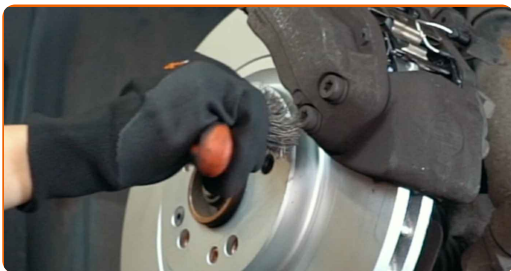


17

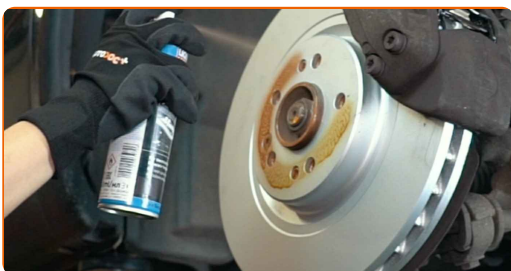
Attach the connector of the brake pad wear sensor.



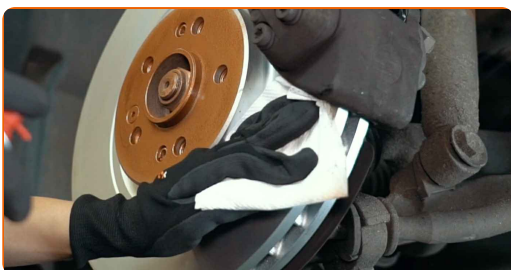
18 Clean the wheel rim mounting seat. Use a wire brush.



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



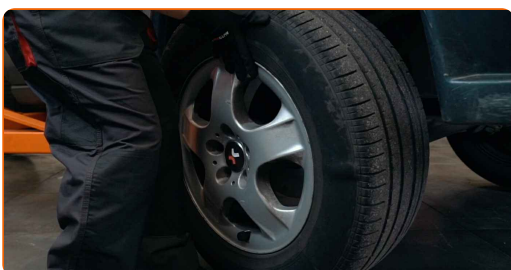
20 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). After applying the spray, wait a few minutes.

21 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ S-Class Saloon (W220)

22

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



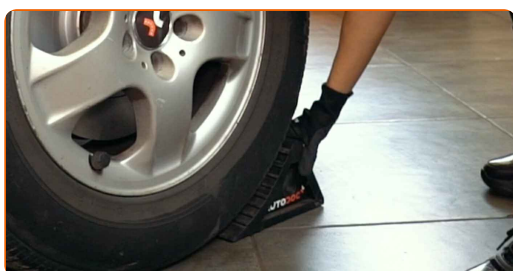
23

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 150 Nm torque.



24

Remove the jacks and chocks.



Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220).
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.

25

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – MERCEDES-BENZ S-Class Saloon (W220). Tip
from AUTODOC:

- 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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