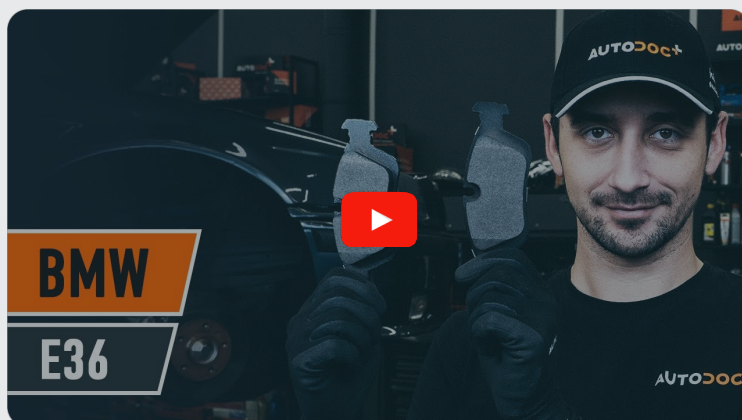




How to change rear  
brake pads on **BMW 5**  
**Saloon (E28)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

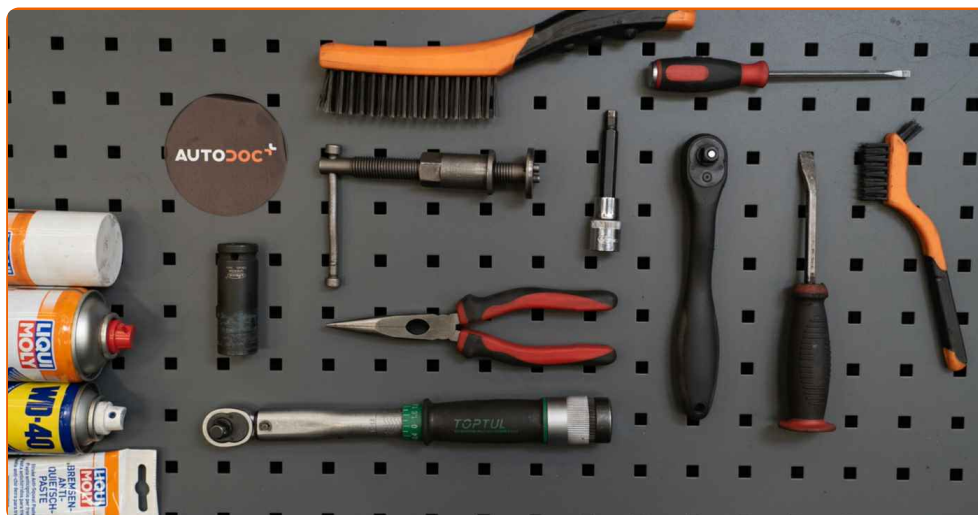
This replacement procedure can be used for:

BMW 5 Saloon (E28) 535i / M535i 3.5

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: BMW 3 Saloon (E36) 323i 2.5

**REPLACEMENT: BRAKE PADS – BMW 5 SALOON (E28).  
TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Round-nose pliers
- Flat screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

**Replacement: brake pads – BMW 5 Saloon (E28). Tip from AUTODOC experts:**

- 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 – BMW 5 Saloon (E28) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the hood. 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 rear 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.  
BMW 5 Saloon (E28)

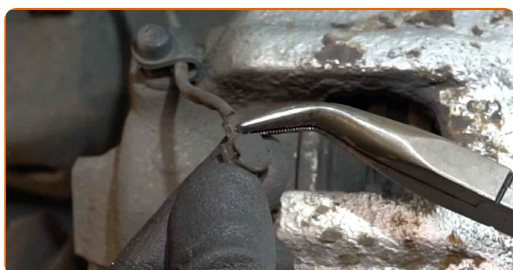
6

Remove the wheel.



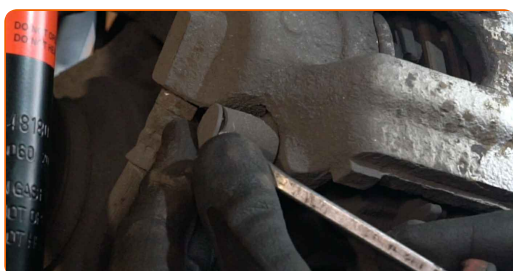
7

Remove the brake pad wear sensor from the brake pad. Use round-nose pliers.



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.



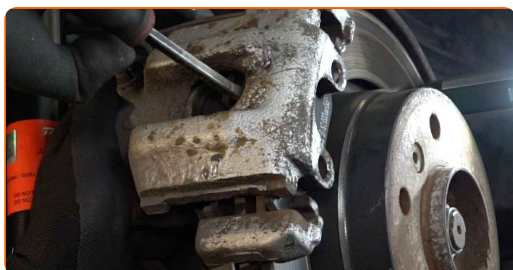
10

Detach the brake caliper retaining spring. Use a crowbar. Use a flat screwdriver.



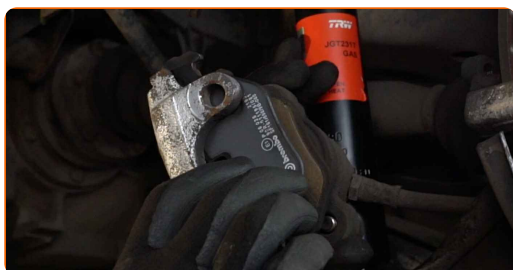
11

Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.

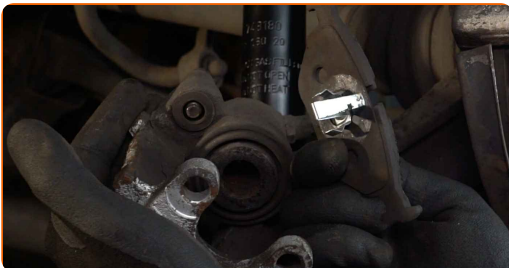


Replacement: brake pads – BMW 5 Saloon (E28). Tip from AUTODOC experts:

- 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.

13

Remove the brake pads.

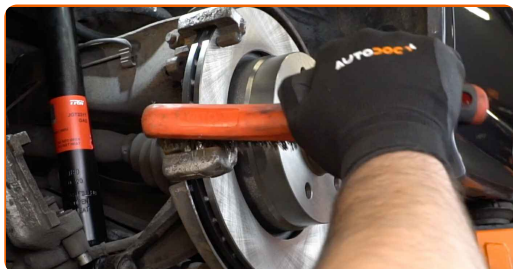


Replacement: brake pads – BMW 5 Saloon (E28). Professionals recommend:

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

14

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

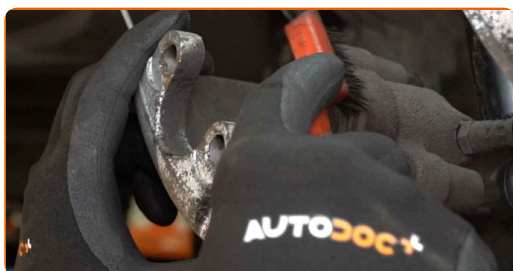


**AUTODOC recommends:**

- Replacement: brake pads – BMW 5 Saloon (E28). After applying the spray, wait a few minutes.

15

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

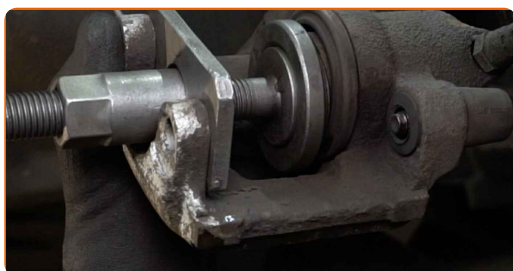


**Replacement: brake pads – BMW 5 Saloon (E28). Tip from AUTODOC experts:**

- After applying the spray, wait a few minutes.

16

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





- 17** 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 – BMW 5 Saloon (E28). Tip:**

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

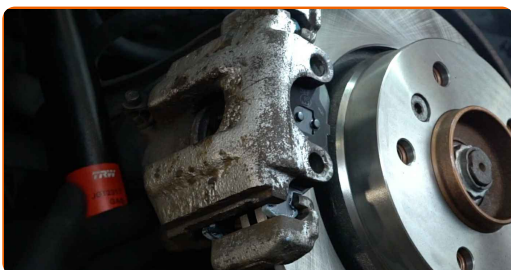
- 18** Install new brake pads.



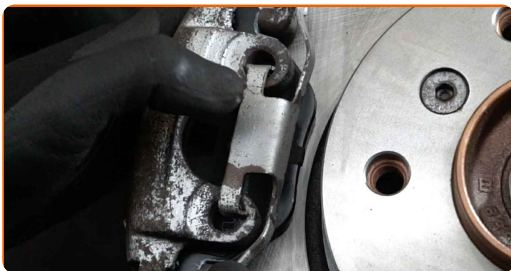
**Replacement: brake pads – BMW 5 Saloon (E28). AUTODOC recommends:**

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

- 19** Install the brake caliper and fix it.



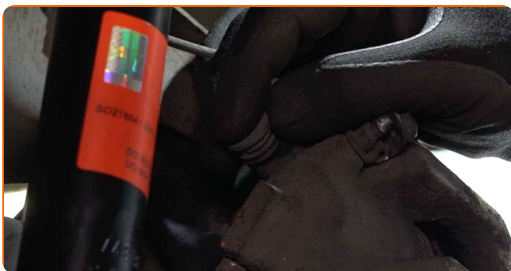
**20** Install the brake caliper retaining spring.



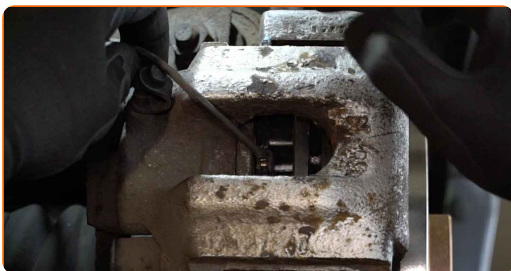
**21** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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



**23** Install the wear sensor on the brake pads. Use round-nose pliers.

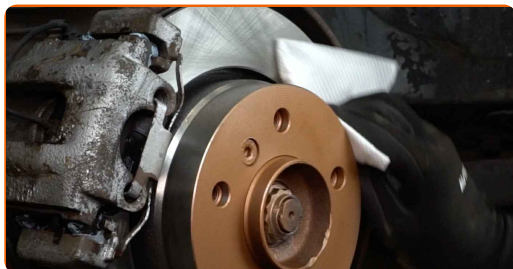


**24** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



25

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – BMW 5 Saloon (E28). After applying the spray, wait a few minutes.

26

Install the wheel.



**AUTODOC recommends:**

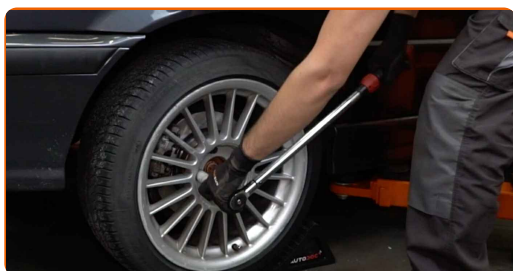
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW 5 Saloon (E28)

27

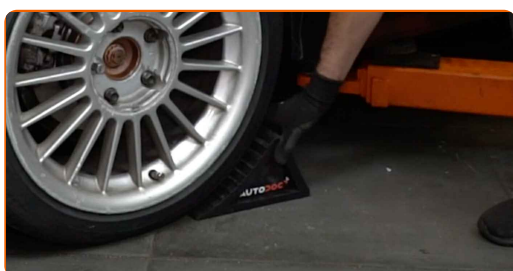
Screw in the wheel bolts. Use wheel impact socket #17.



- 28** 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 120 Nm torque.



- 29** Remove the jacks and chocks.



**Replacement: brake pads – BMW 5 Saloon (E28). Professionals recommend:**

- 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.

- 30** Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – BMW 5 Saloon (E28). 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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