



How to change front  
brake pads on  
**MERCEDES-BENZ E-  
Class T-modell (S210)** –  
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 E-Class T-modell (S210) E 270 T CDI, MERCEDES-BENZ E-Class T-modell (S210) E 280 T 4-matic (210.281), MERCEDES-BENZ E-Class T-modell (S210) E 320 T (210.265), MERCEDES-BENZ E-Class T-modell (S210) E 300 T Turbo-D (210.225), MERCEDES-BENZ E-Class T-modell (S210) E 320 T 4-matic (210.282), MERCEDES-BENZ E-Class T-modell (S210) E 280 T (210.263), MERCEDES-BENZ E-Class T-modell (S210) E 240 T (210.261), MERCEDES-BENZ E-Class T-modell (S210) E 200 T Kompressor (210.245), MERCEDES-BENZ E-Class T-modell (S210) E 320 T CDI (210.226), MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI (210.216)

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 (W210) E 270 CDI (210.016)

REPLACEMENT: BRAKE PADS – MERCEDES-BENZ E-CLASS T-MODELL (S210). TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Drive socket # 18
- HEX bit No.H5
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Tap wrench
- Brake caliper wind back tool
- Long nose pliers
- Wheel chock

**Buy tools**

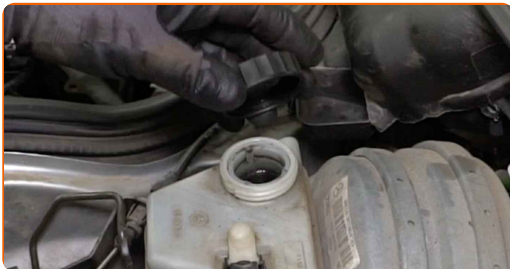
**AUTODOC recommends:**

- 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 E-Class T-modell (S210) – should be done with the engine switched off.

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

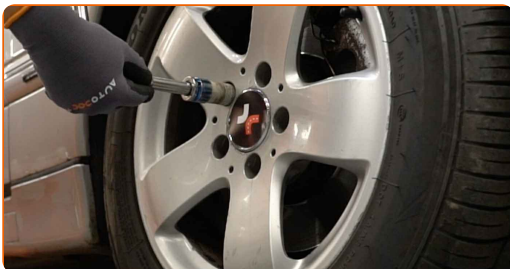
**1** Open the bonnet.

**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.



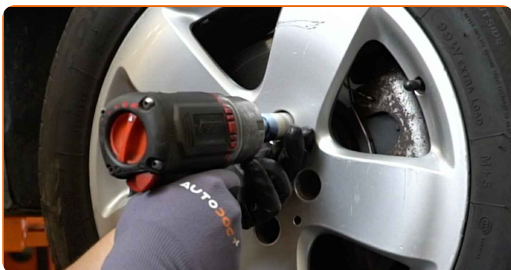
**5** Raise the car.

Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S210).  
Professionals recommend:

- 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.

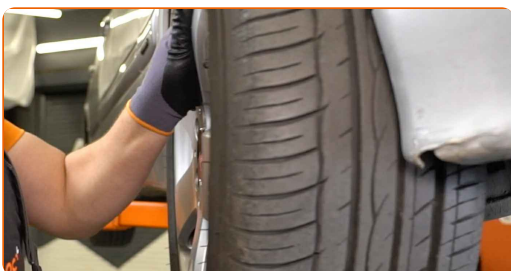


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ E-Class T-modell (S210)

7

Remove the wheel.



**8**

Detach the brake caliper retaining spring. Use a crowbar.

**9**

Disconnect the brake pad wear sensor. Use long nose pliers.

**10**

Spread the brake pads. Use a crowbar.

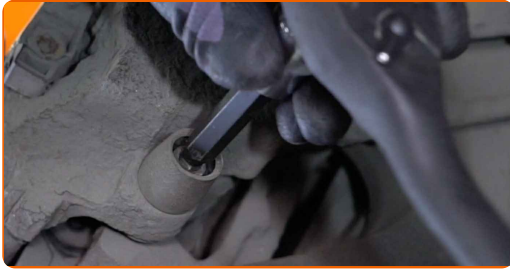
**11**

Remove the caps from the brake caliper guide pin boots. Use a crowbar.



**12**

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



**13**

Remove the brake caliper.

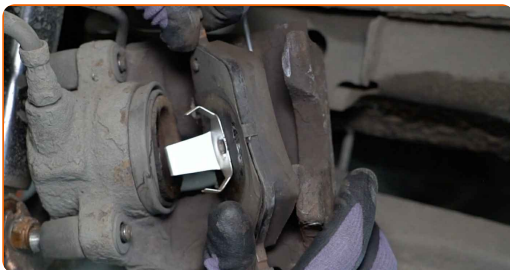


**AUTODOC recommends:**

- 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.

**14**

Remove the brake pads.



Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S210).  
AUTODOC recommends:

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

**15**

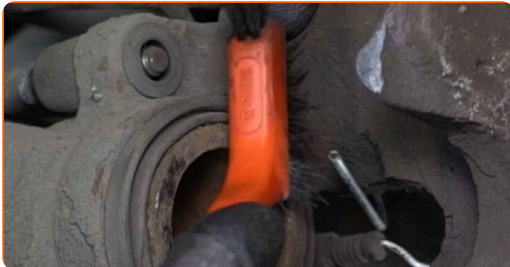
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

**16**

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



AUTODOC recommends:

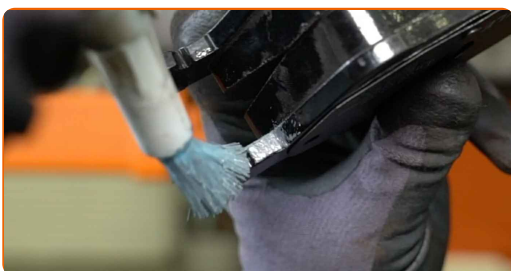
- After applying the spray, wait a few minutes.



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



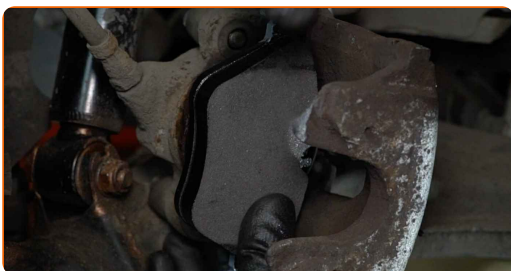
**18** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S210).  
AUTODOC experts recommend:

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

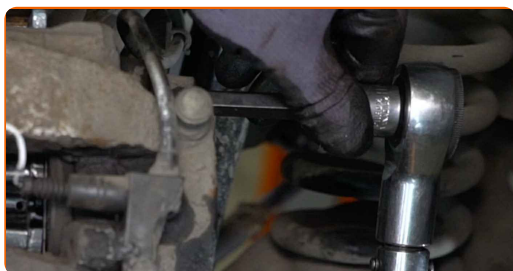
**19** Install new brake pads.



**20** Install the brake caliper and fasten it.



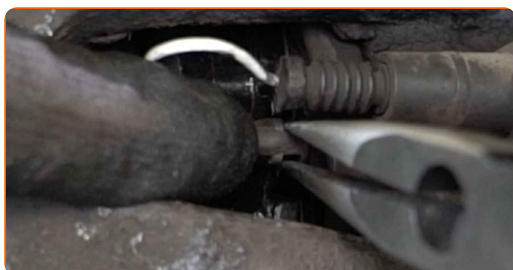
**21** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 25 Nm torque.



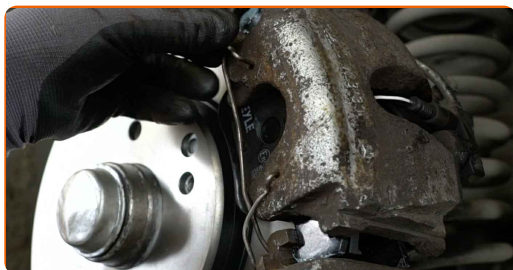
**22** Install the caps on the brake caliper guide pin boots.



**23** Connect the brake pad wear sensor.



**24** Install the brake pad retaining clip. Use a crowbar.



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



**26** Clean the brake disk surface. Use a brake cleaner.



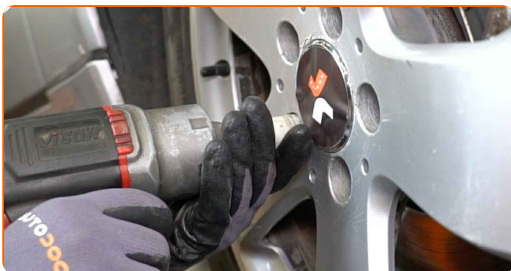
**27** Install the wheel.



**AUTODOC recommends:**

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



- 29** 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.



- 30** Remove the jacks and chocks.



**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.

- 31** Tighten the brake fluid reservoir cap.



- 32** Close the bonnet.

Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S210).  
AUTODOC recommends:

- 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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**BRAKE PADS: A WIDE SELECTION**

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