



How to change front
brake pads on
**MERCEDES-BENZ E-
Class T-modell (S211)** –
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 (S211) E 220 T CDI, MERCEDES-BENZ E-Class T-modell (S211) E 240 T (211.261), MERCEDES-BENZ E-Class T-modell (S211) E 320 T (211.265), MERCEDES-BENZ E-Class T-modell (S211) E 200 T Kompressor (211.242), MERCEDES-BENZ E-Class T-modell (S211) E 220 T CDI (211.206, 211.606), MERCEDES-BENZ E-Class T-modell (S211) E 270 T CDI (211.216), MERCEDES-BENZ E-Class T-modell (S211) E 320 T CDI (211.226), MERCEDES-BENZ E-Class T-modell (S211) E 280 T CDI (211.223), MERCEDES-BENZ E-Class T-modell (S211) E 320 T CDI (211.222), MERCEDES-BENZ E-Class T-modell (S211) E 280 T CDI (211.220), MERCEDES-BENZ E-Class T-modell (S211) E 350 T (211.256), MERCEDES-BENZ E-Class T-modell (S211) E 220 T CDI (211.208), MERCEDES-BENZ E-Class T-modell (S211) E 200 Kompressor (211.241), MERCEDES-BENZ E-Class T-modell (S211) E 220 CDI (211.206), MERCEDES-BENZ E-Class T-modell (S211) E 200 CDI (211.207), (+ 2)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016)

REPLACEMENT: BRAKE PADS – MERCEDES-BENZ E-CLASS T-MODELL (S211). TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Crow bar
- Round-nose pliers
- Wheel chock

Buy tools

Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211).
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 (S211)– should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

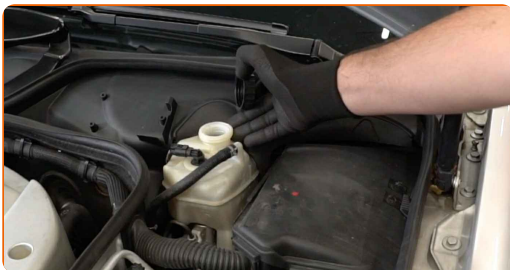
1 Open the bonnet.

2 Connect the service equipment and switch the SBC system to service mode.

Please note!

- Some vehicles may not have the SBC system.

3 Unscrew the brake fluid reservoir cap.



4 Secure the wheels with chocks.

5

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



6

Raise the front of the car and secure on supports.

7

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ E-Class T-modell (S211)

8

Remove the wheel.



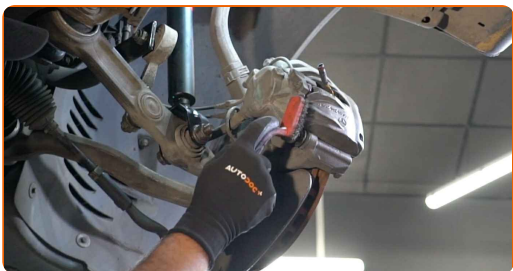
9 Detach the connector of the brake pad wear sensor. Use round-nose pliers.



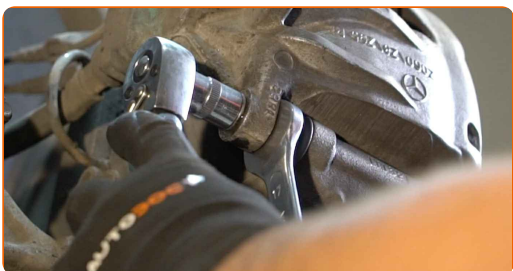
10 Spread the brake pads. Use a crowbar.



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



12 Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench.



13

Remove the brake caliper.



Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). 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.

14

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



AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). After applying the spray, wait a few minutes.

15

Install the brake caliper wind back tool.



16

Remove the brake pads.



Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). Tip from AUTODOC:

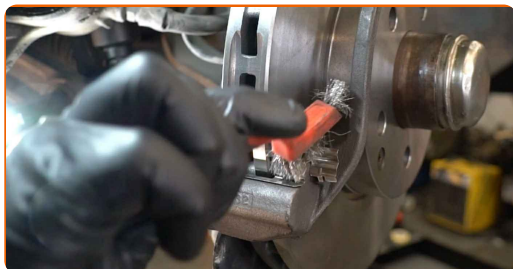
- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

17

Disconnect the brake pads wear sensor.

18

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

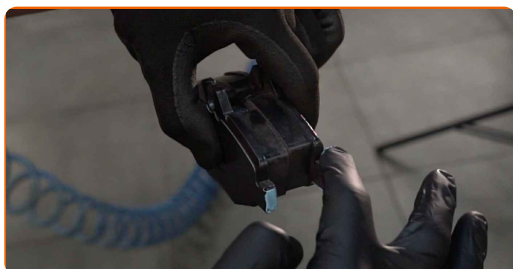


AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). After applying the spray, wait a few minutes.

19

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 (S211). Tip from AUTODOC:

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

20

Install new brake pads.

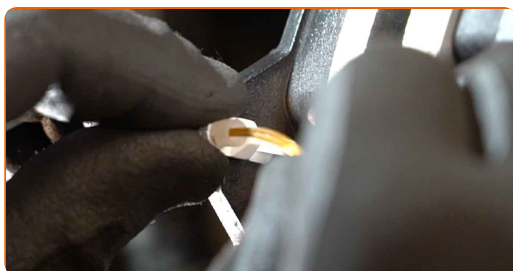


Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211).
AUTODOC recommends:

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

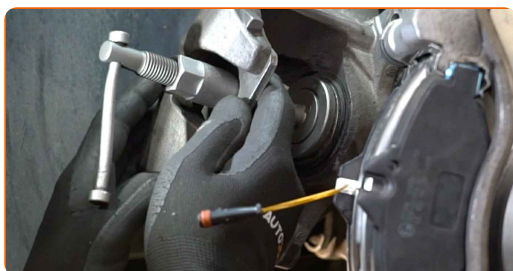
21

Connect the brake pads wear sensor.

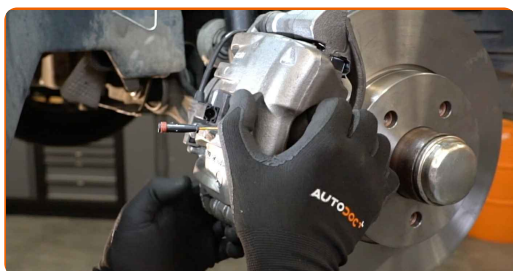


22

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



- 23** Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



- 24** Attach the connector of the brake pad wear sensor.



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



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



AUTODOC recommends:

- Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). After applying the spray, wait a few minutes.

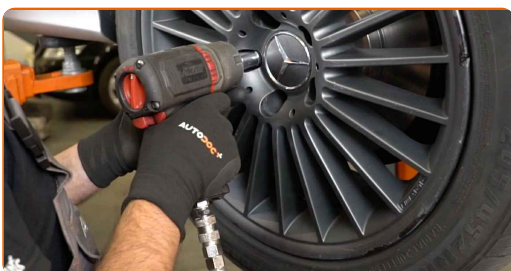
27 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ E-Class T-modell (S211)

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



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 130 Nm torque.



30 Remove the jacks and chocks.



31

Switch the SBC system to operating mode and disconnect the service equipment.

Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211).
AUTODOC experts recommend:

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

32

Tighten the brake fluid reservoir cap.



33

Close the hood.

Replacement: brake pads – MERCEDES-BENZ E-Class T-modell (S211). Tip
from AUTODOC experts:

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