

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

BMW 5 Saloon (E39) 520i 2.0, BMW 5 Saloon (E39) 525tds 2.5, BMW 5 Saloon (E39) 523i 2.5, BMW 5 Saloon (E39) 528i 2.8, BMW 5 Saloon (E39) 540i 4.4, BMW 5 Saloon (E39) 535i 3.5, BMW 5 Touring (E39) 520i 2.0, BMW 5 Touring (E39) 523i 2.5, BMW 5 Touring (E39) 540i 4.4, BMW 5 Saloon (E39) 525td 2.5, BMW 5 Touring (E39) 528i 2.8, BMW 5 Saloon (E39) 530d 3.0, BMW 5 Touring (E39) 530d 3.0, BMW 5 Touring (E39) 525tds 2.5, BMW 5 Saloon (E39) 520d 2.0, (+ 9)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – BMW E39. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit no.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Fender cover
- Wheel chock

BUY TOOLS

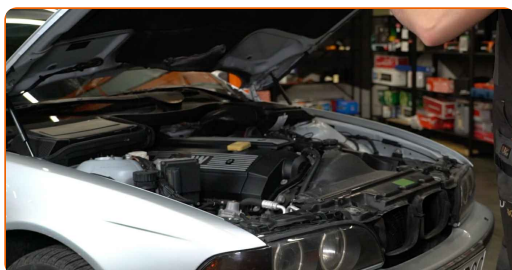
Replacement: brake pads – BMW E39. AUTODOC experts recommend:

- 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.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – BMW E39. RECOMMENDED SEQUENCE OF STEPS:

1

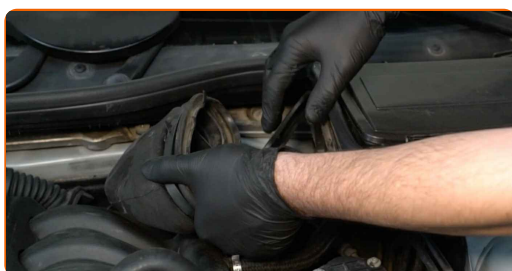
Open the bonnet.

**2**

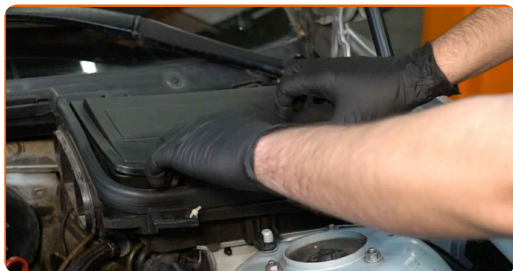
Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3

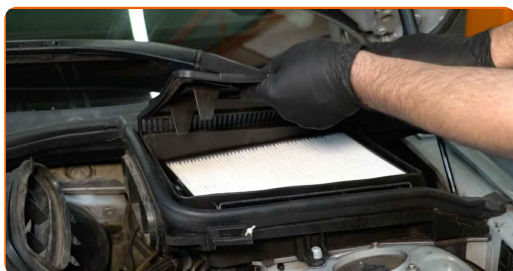
Detach the air duct from the cabin filter housing.



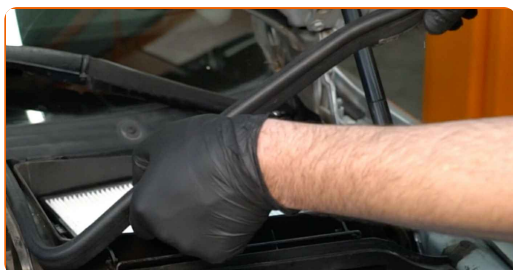
4 Release the cabin filter cover clips.



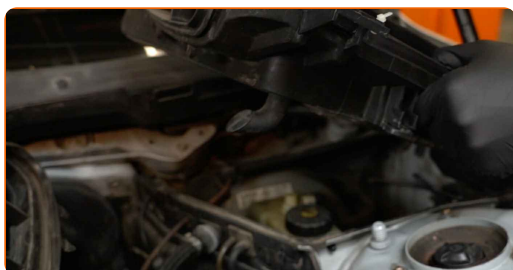
5 Remove the cabin filter housing cover.



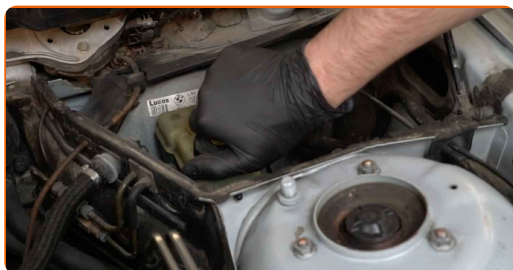
6 Remove the cabin filter housing seal.



7 Remove the cabin air filter housing.



8 Unscrew the brake fluid reservoir cap.



9

Secure the wheels with chocks.



10

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



11

Raise the rear of the car and secure on supports.



12

Unscrew the wheel bolts.



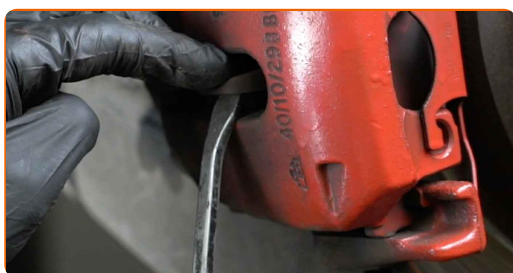
Replacement: brake pads – BMW E39. Tip:

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

13 Remove the wheel.



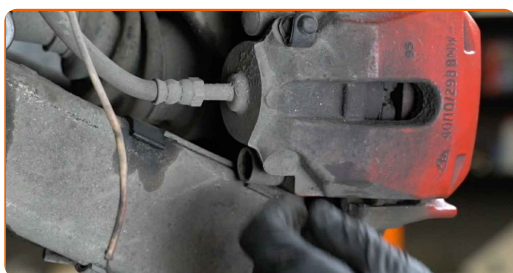
14 Disconnect the brake pads wear sensor. Use a crowbar.



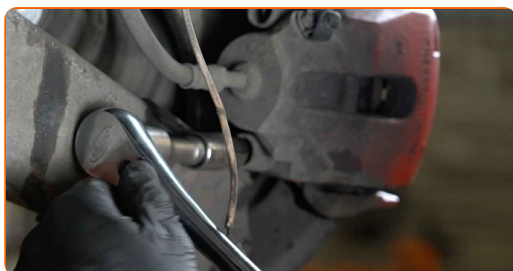
Please note!

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

15 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



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



17

Spread the brake pads. Use a crowbar.



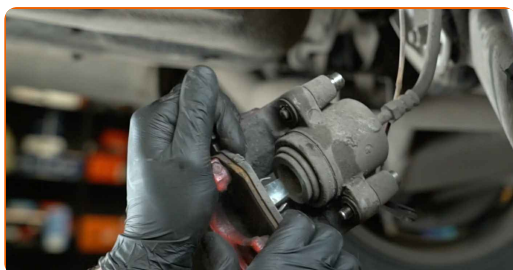
18

Detach the brake caliper retaining spring. Use a crowbar.



19

Remove the brake caliper.

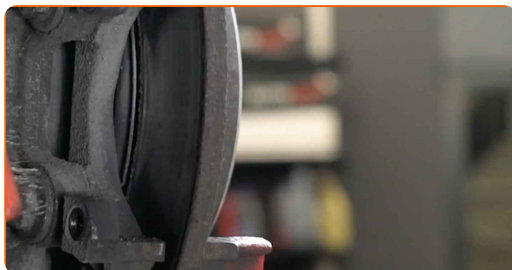


Replacement: brake pads – BMW E39. AUTODOC recommends:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

20

Remove the brake pads.

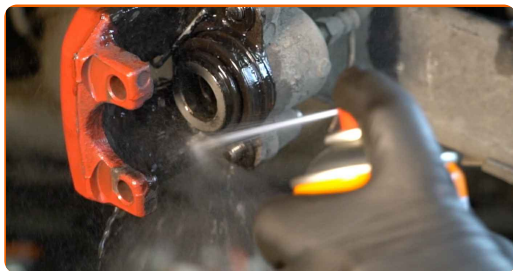


Replacement: brake pads – BMW E39. Tip from AUTODOC experts:

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

21

Treat the brake caliper piston. Use a brake cleaner.

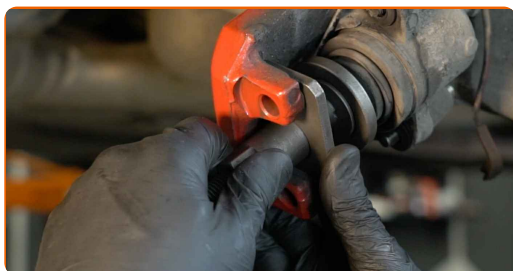


Replacement: brake pads – BMW E39. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

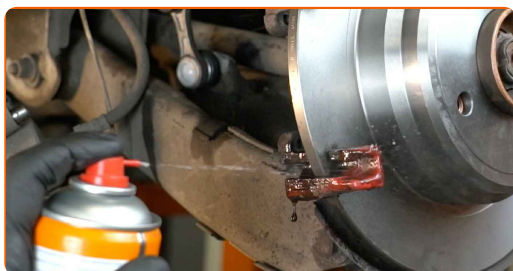
22

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



23

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use all-purpose cleaning spray.



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



AUTODOC recommends:

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

- 25** Install new brake pads.



AUTODOC recommends:

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

- 26** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.

