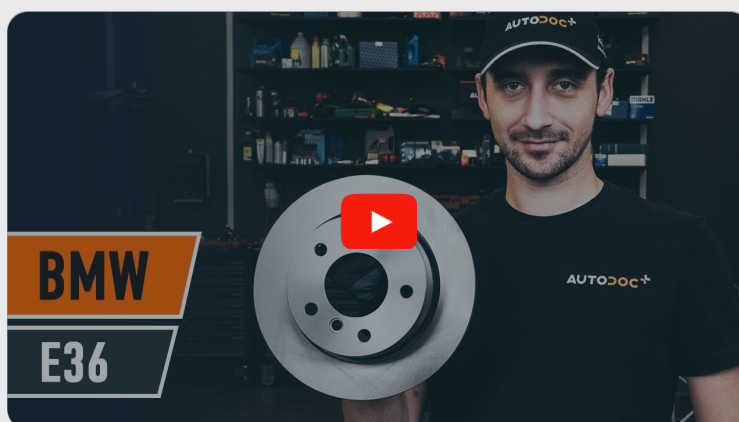


VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

BMW 3 Saloon (E36) 318i 1.8, BMW 3 Saloon (E36) 318is 1.8, BMW 3 Coupe (E36) 318is 1.8, BMW 3 Saloon (E36) 320i 2.0, BMW 3 Coupe (E36) 320i 2.0, BMW 3 Saloon (E36) 325i 2.5, BMW 3 Coupe (E36) 325i 2.5, BMW 3 Saloon (E36) 325td 2.5, BMW 3 Saloon (E36) 325tds 2.5, BMW 3 Convertible (E36) 320i 2.0, BMW 3 Convertible (E36) 325i 2.5, BMW 3 Touring (E36) 320i 2.0, BMW 3 Touring (E36) 328i 2.8, BMW 3 Touring (E36) 325tds 2.5, BMW 3 Saloon (E36) 328i 2.8, (+ 53)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – BMW E36. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 16
- HEX bit No.H5
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

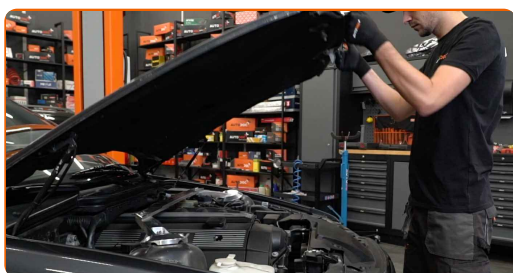
BUY TOOLS

AUTODOC recommends:

- Replace the brake disks on the car BMW E36 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – BMW E36 – 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 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.
BMW E36

6

Remove the wheel.



7

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



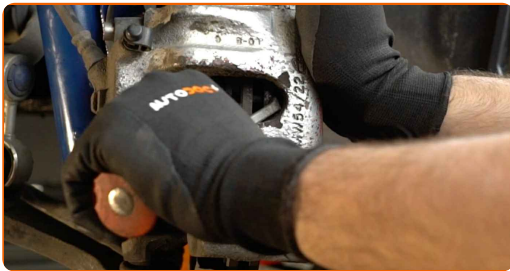
8

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



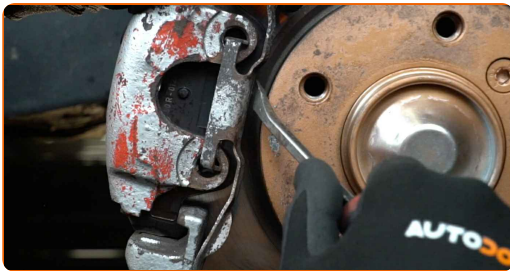
9

Spread the brake pads. Use a crowbar.



10

Detach the brake caliper retaining spring. Use a crowbar.



11

Remove the brake caliper.

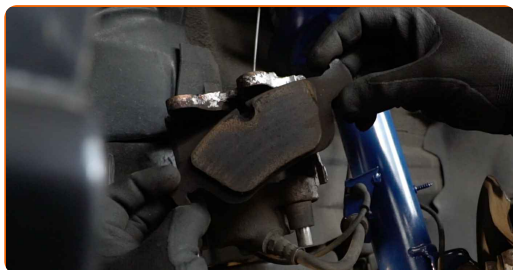


Replacement: brake discs – BMW E36. Tip from AUTODOC experts:

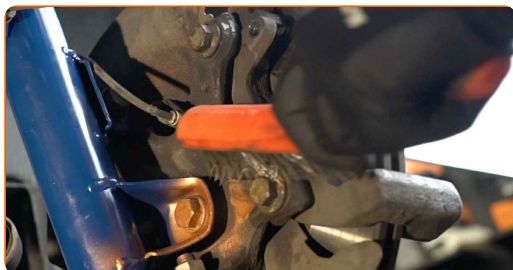
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, 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.

12

Remove the brake pads.

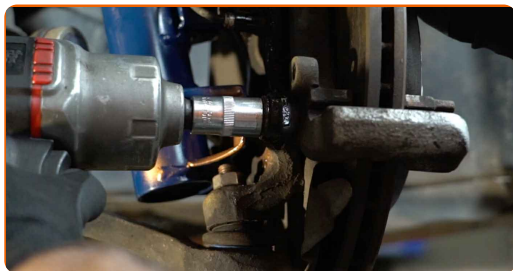
**13**

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



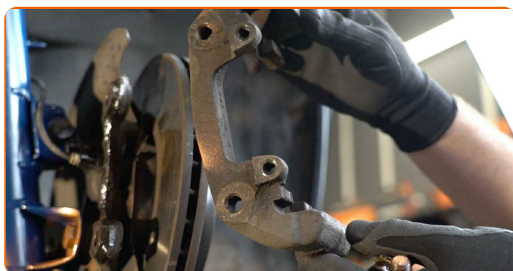
14

Unscrew the caliper bracket fastening. Use a drive socket #16. Use a tap wrench.



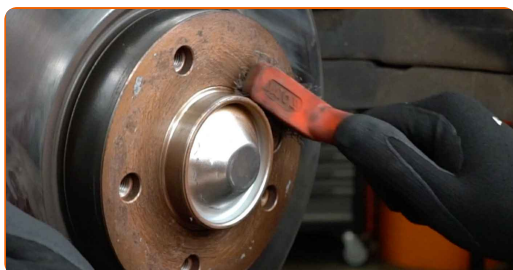
15

Remove the caliper bracket.



16

Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



17

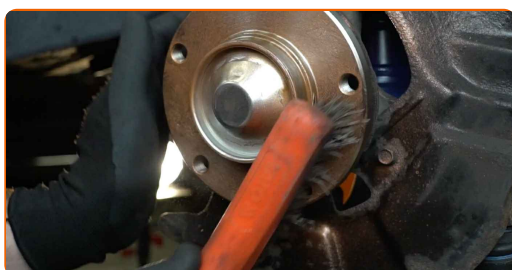
Unscrew the brake disc fastening. Use HEX No.H5. Use an impact screwdriver.



18 Remove the brake disc.



19 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



20 Install the brake disc.

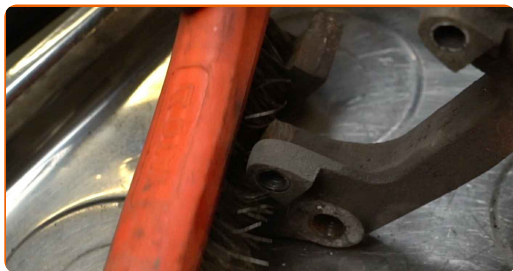


21 Tighten the brake disc fastening. Use HEX No.H5. Use a torque wrench. Tighten it to 9 Nm torque.



22

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

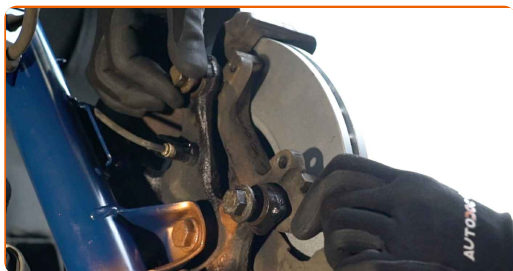


AUTODOC recommends:

- Replacement: brake discs – BMW E36. After applying the spray, wait a few minutes.

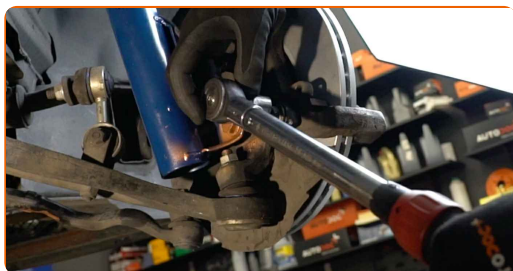
23

Install the brake caliper bracket.



24

Tighten the brake caliper bracket. Use a drive socket #16. Use a torque wrench. Tighten it to 110 Nm torque.



25

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



Replacement: brake discs – BMW E36. Professionals recommend:

- After applying the spray, wait a few minutes.

26

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



27

Install the brake pads.



28

Install the brake caliper and fix it.

