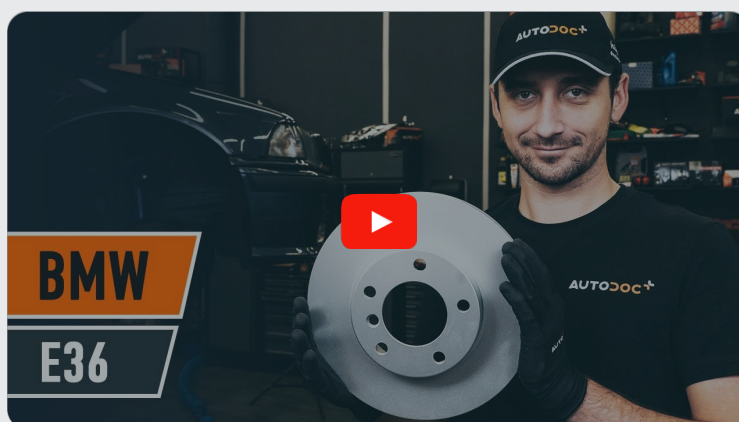


## VIDEO TUTORIAL



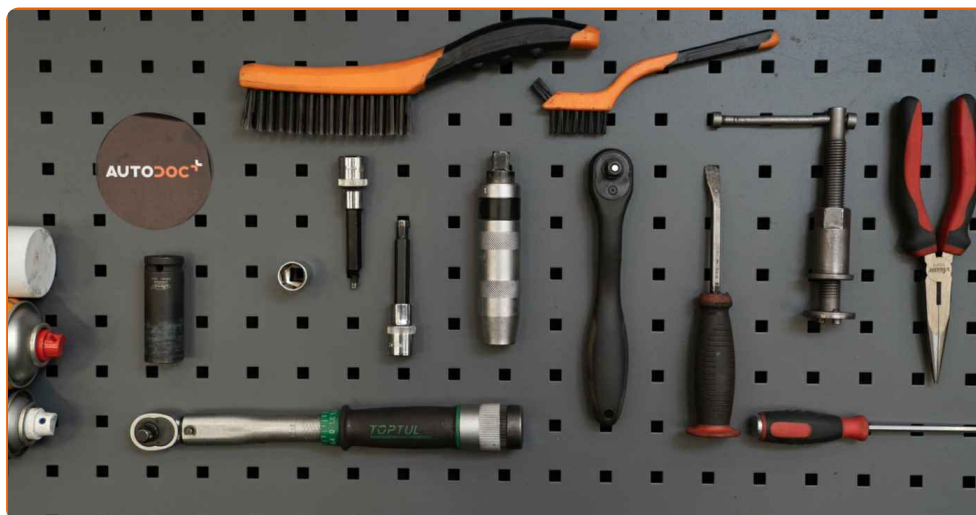
### **i Important!**

This replacement procedure can be used for:

BMW 3 Saloon (E36) 316i 1.6, 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 Coupe (E36) 316i 1.6, BMW 3 Convertible (E36) 318i 1.8, BMW 3 Saloon (E36) 318tds 1.7, (+ 19)

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.H6
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Round-nose pliers
- Tap wrench
- Flat screwdriver
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

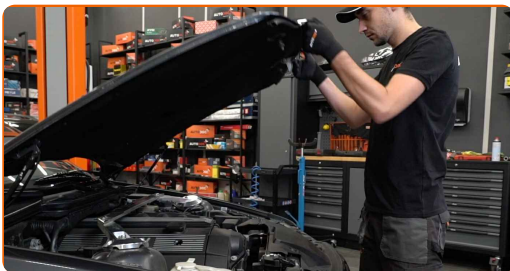
**BUY TOOLS**

**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 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 E36

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.

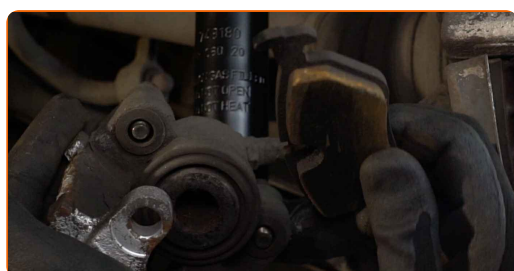


### Replacement: brake discs – BMW E36. Professionals recommend:

- 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

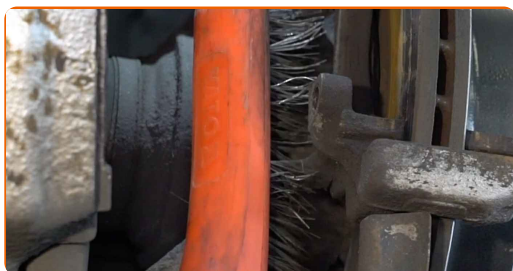
Remove the brake pads.





14

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



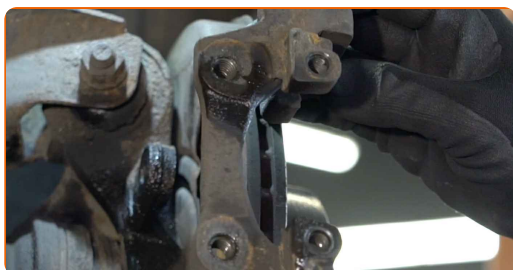
15

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



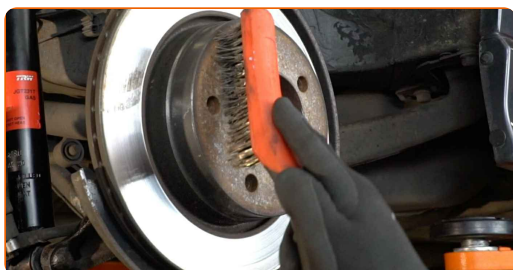
16

Remove the caliper bracket.



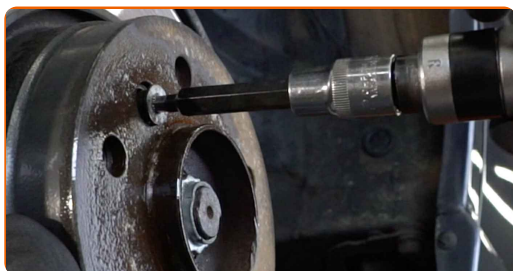
17

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



18

Unscrew the brake disc fastening. Use HEX No.H6. Use an impact screwdriver.



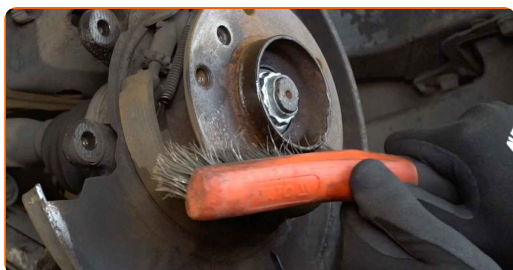
19

Remove the brake disc.



20

Clean the hub. Use a wire brush. Use a brake cleaner.

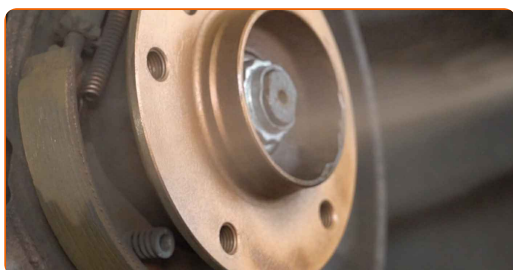


### AUTODOC recommends:

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

21

Treat the contacting surface. Use copper grease.

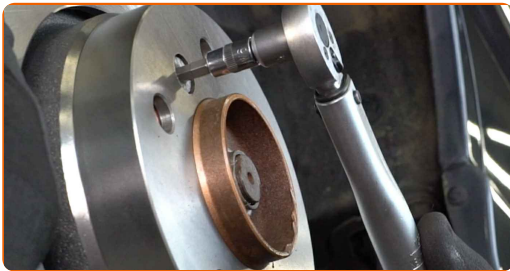




**22** Install the brake disc.



**23** Tighten the brake disc fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 9 Nm torque.



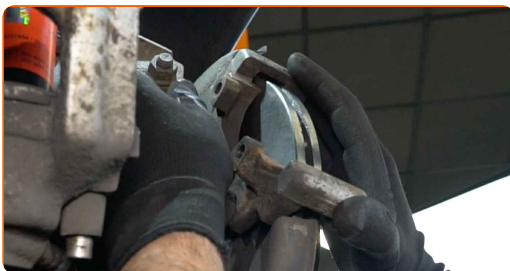
**24** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



**Replacement: brake discs – BMW E36. AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**25** Install the brake caliper bracket.



- 26 Tighten the brake caliper bracket. Use a drive socket #16. Use a torque wrench. Tighten it to 65 Nm torque.



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



### AUTODOC recommends:

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

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

