

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

BMW 3 Touring (E36) 328i 2.8, BMW 3 Saloon (E36) 328i 2.8, BMW 3 Saloon (E36) 323i 2.5, BMW 3 Coupe (E36) 328i 2.8, BMW 3 Convertible (E36) 328i 2.8, BMW 3 Convertible (E36) 323i 2.5, BMW 3 Coupe (E36) 323i 2.5, BMW 3 Touring (E36) 323i 2.5, BMW 3 Compact (E36) 323ti 2.5, BMW 3 Saloon (E46) 318i 1.9, BMW 3 Saloon (E46) 320d 2.0, BMW 3 Saloon (E46) 323i 2.5, BMW 3 Saloon (E46) 320i 2.0, BMW 3 Coupe (E46) 323Ci 2.5, BMW 3 Saloon (E46) 316i 1.9, (+ 19)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – BMW E46 CONVERTIBLE. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- Drive socket # 16
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Impact screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – BMW E46 convertible. AUTODOC recommends:

- Replace the brake disks on the car BMW 3 E46 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.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – BMW E46 CONVERTIBLE. USE THE FOLLOWING PROCEDURE:

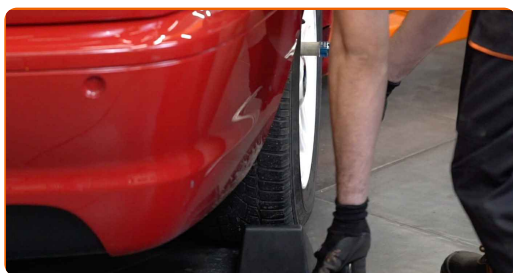
1

Open the bonnet. 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:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW E46 convertible

6

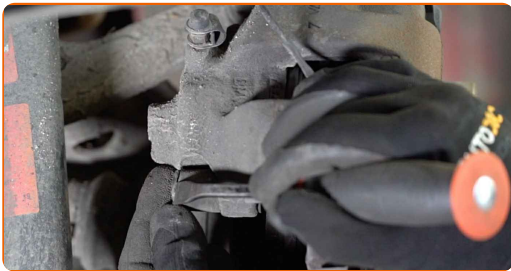
Remove the wheel.



7 Spread the brake pads. Use a crowbar.



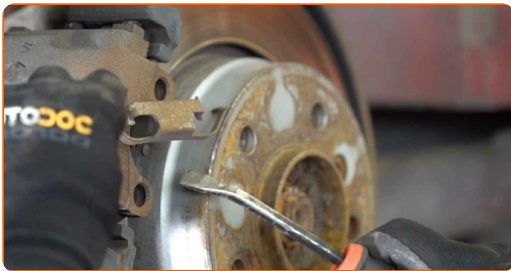
8 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



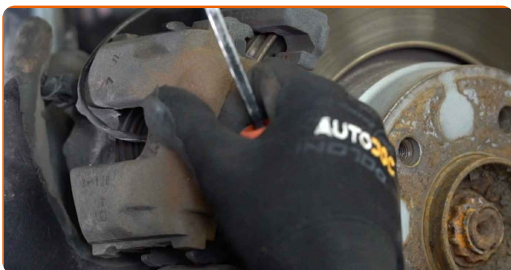
9 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



10 Detach the brake caliper retaining spring. Use a crowbar.



11 Remove the brake caliper.



Replacement: brake discs – BMW E46 convertible. 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.

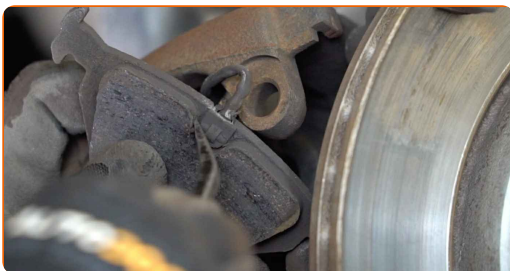
12

Remove the brake pads. Use a crowbar.



13

Disconnect the brake pads wear sensor. Use a crowbar.

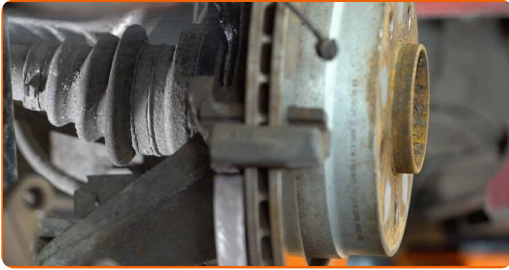


Please note!

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

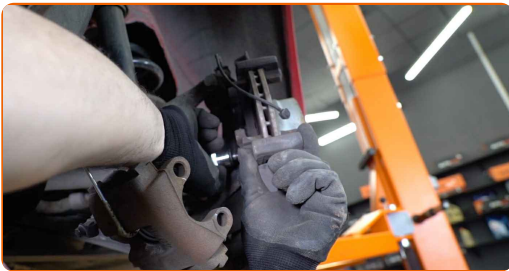
14

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 ratchet wrench. Use a tap wrench.



16

Remove the caliper bracket.



17

Clean the brake disk surface. Use a wire brush. Use WD-40 spray.



18

Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



Replacement: brake discs – BMW E46 convertible. AUTODOC experts recommend:

- If necessary, use a rubber mallet.

19

Remove the brake disc.



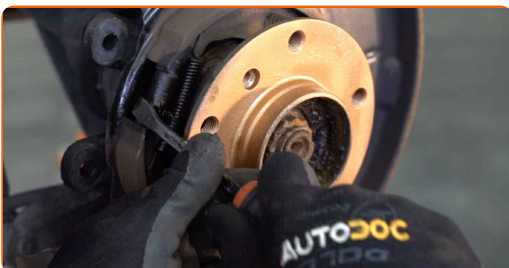
20

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

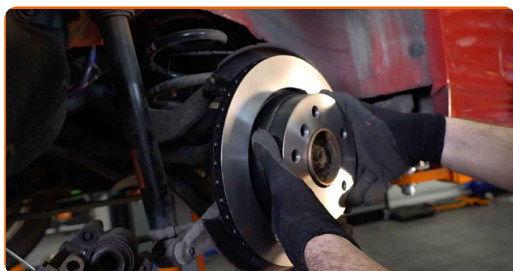


21

Move the parking brake shoes against the drum. Use a crowbar.



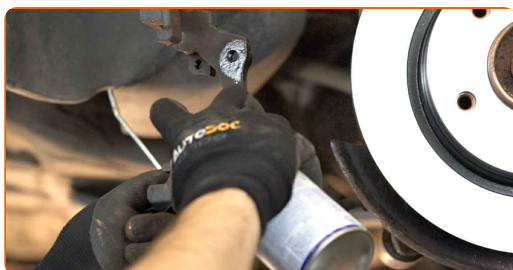
22 Install the brake disc.



23 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 16 Nm torque.



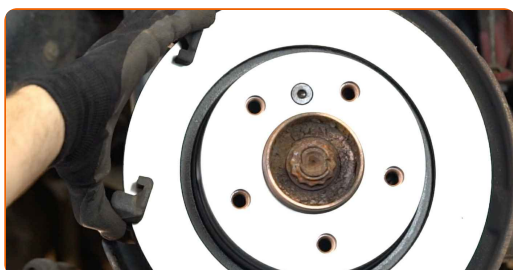
24 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



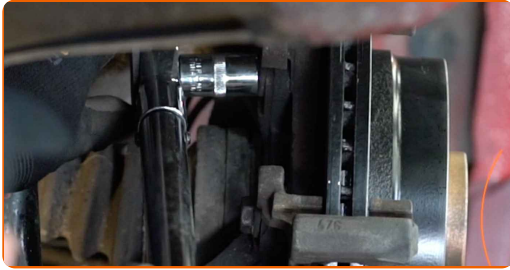
AUTODOC recommends:

- Replacement: brake discs – BMW E46 convertible. After applying the spray, wait a few minutes.

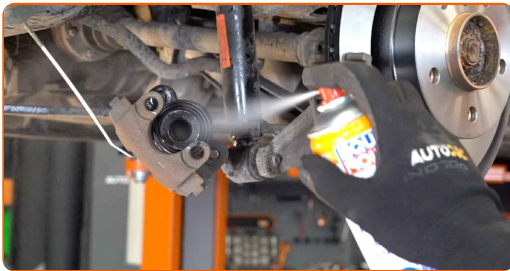
25 Install the brake caliper bracket.



- 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 brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

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



- 29 Install the brake pads.

