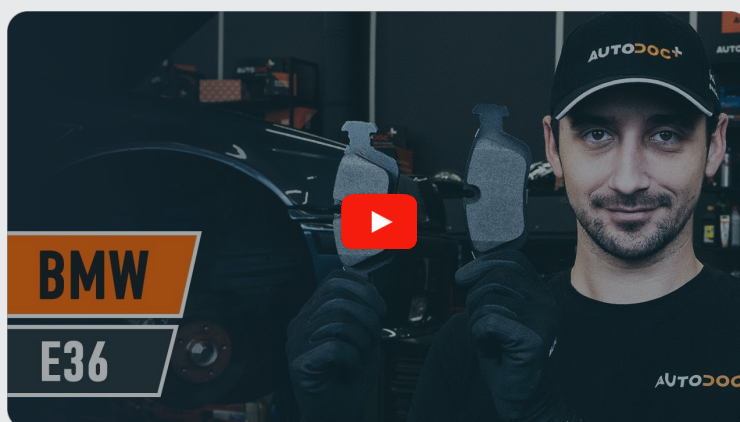


SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

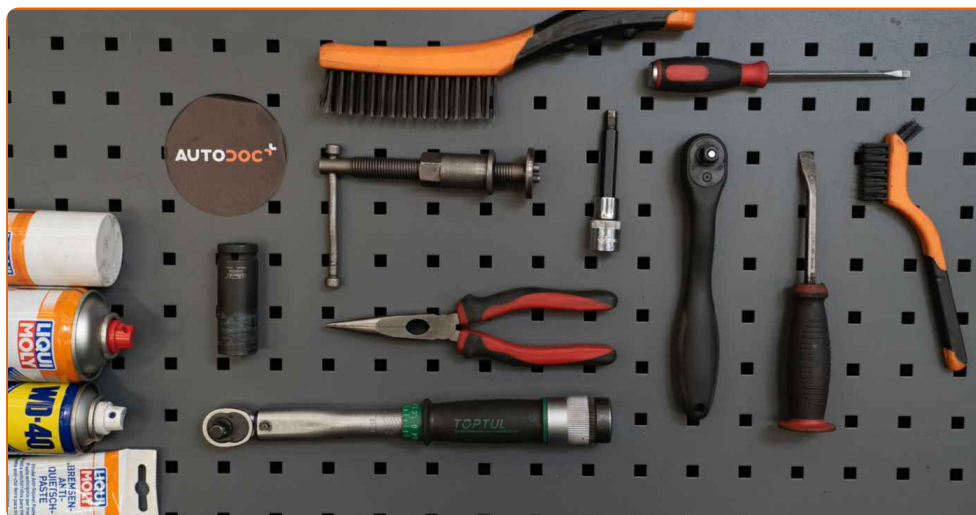
This replacement procedure can be used for:

BMW Z1 Roadster 2.5

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: BMW 3 Saloon (E36) 323i 2.5

REPLACEMENT: BRAKE PADS – BMW Z1 ROADSTER. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Round-nose pliers
- Flat screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – BMW Z1 Roadster. Tip from AUTODOC experts:

- 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 – BMW Z1 Roadster – 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 Z1 Roadster

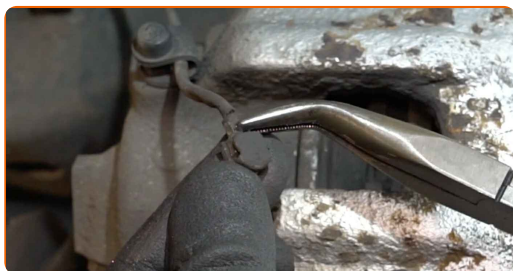
6

Remove the wheel.



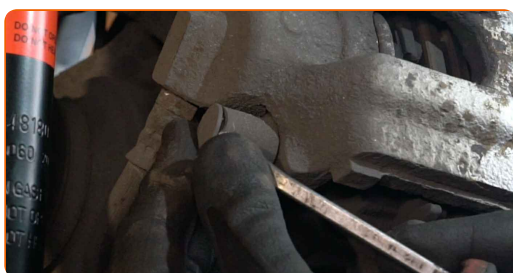
7

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.

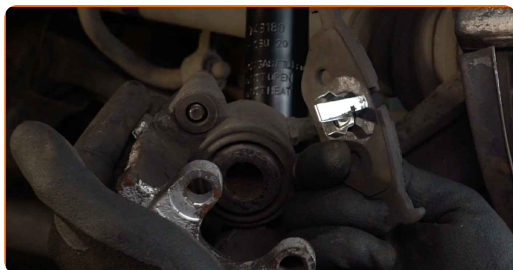


Replacement: brake pads – BMW Z1 Roadster. Tip from AUTODOC experts:

- 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.

13

Remove the brake pads.

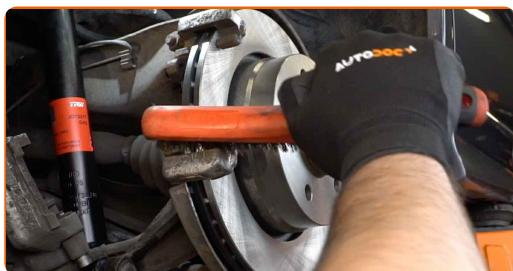


Replacement: brake pads – BMW Z1 Roadster. Professionals recommend:

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

14

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

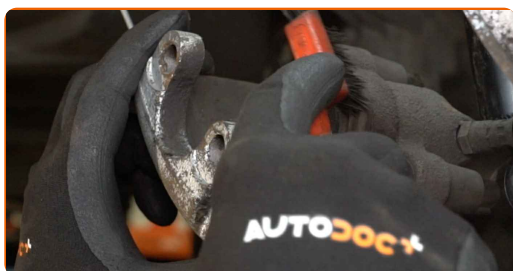


AUTODOC recommends:

- Replacement: brake pads – BMW Z1 Roadster. After applying the spray, wait a few minutes.

15

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



Replacement: brake pads – BMW Z1 Roadster. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

16

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



- 17** 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 – BMW Z1 Roadster. Tip:

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

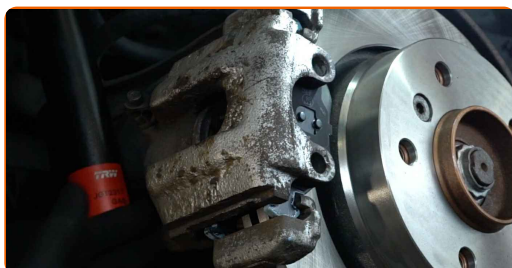
- 18** Install new brake pads.



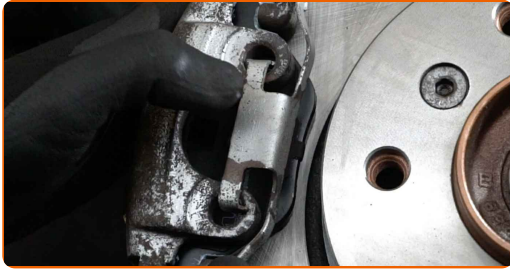
Replacement: brake pads – BMW Z1 Roadster. AUTODOC recommends:

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

- 19** Install the brake caliper and fix it.



- 20 Install the brake caliper retaining spring.



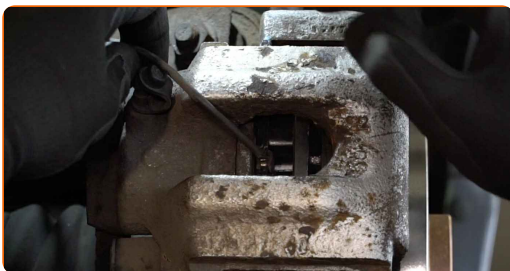
- 21 Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



- 22 Install the dust boot caps of the brake caliper guide pins.



- 23 Install the wear sensor on the brake pads. Use round-nose pliers.

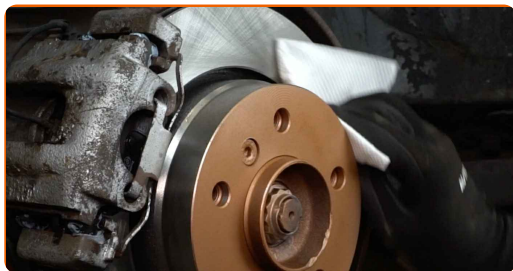


- 24 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



25

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – BMW Z1 Roadster. After applying the spray, wait a few minutes.

26

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW Z1 Roadster

27

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

