

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 Z4 Coupe (E86) M

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 X5 (E53) 3.0 i

REPLACEMENT: BRAKE PADS – BMW Z4 COUPE (E86). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit no.H7.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

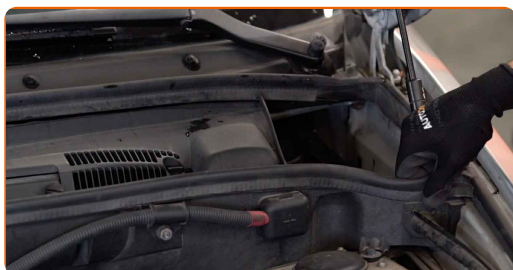
Replacement: brake pads – BMW Z4 Coupe (E86). Tip from AUTODOC:

- 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 Z4 Coupe (E86) – should be done with the engine switched off.

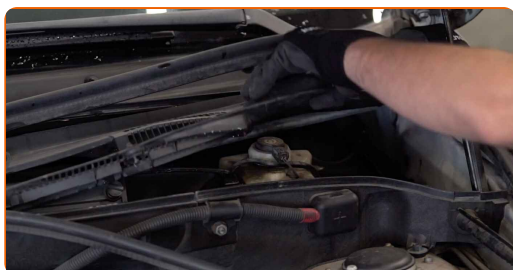
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

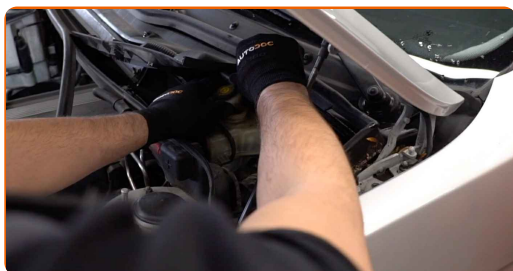
2 Remove the protective cover.



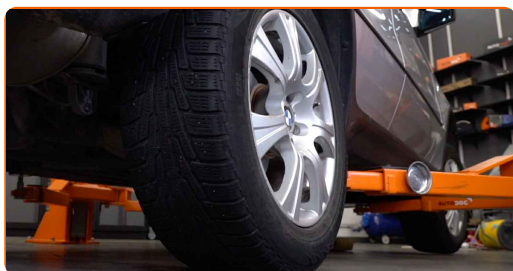
3 Remove the rubber strip.



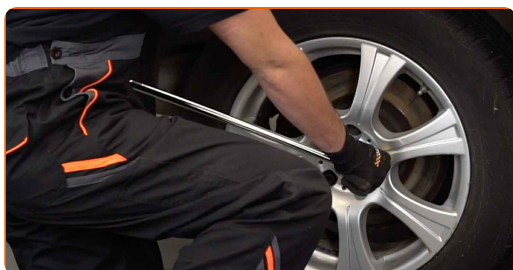
- 4 Unscrew the brake fluid reservoir cap.



- 5 Secure the wheels with chocks.

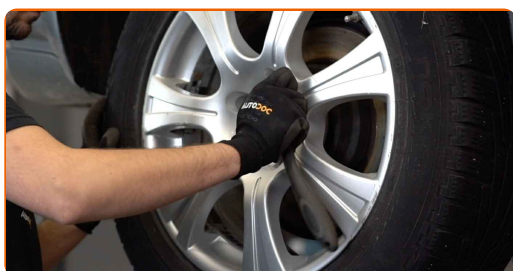


- 6 Loosen the wheel mounting bolts. Use wheel impact socket #19.



- 7 Raise the rear of the car and secure on supports.

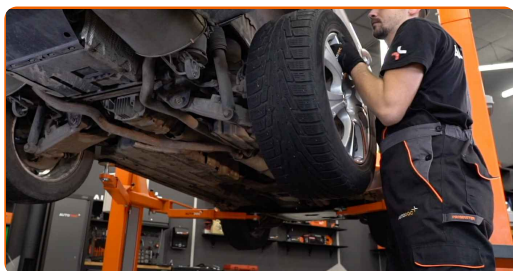
- 8 Unscrew the wheel bolts.



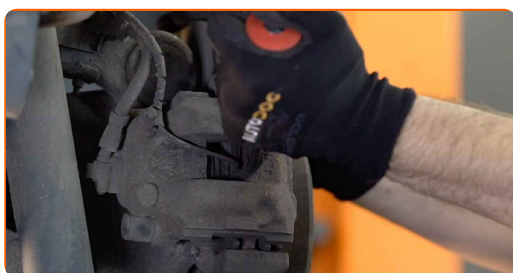
Replacement: brake pads – BMW Z4 Coupe (E86). Tip:

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

9 Remove the wheel.



10 Spread the brake pads. Use a crowbar.



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



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



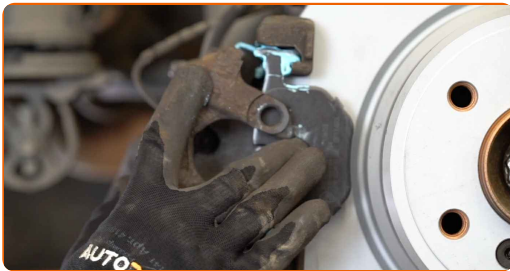
13

Detach the brake caliper retaining spring. Use a crowbar.



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Remove the brake caliper.

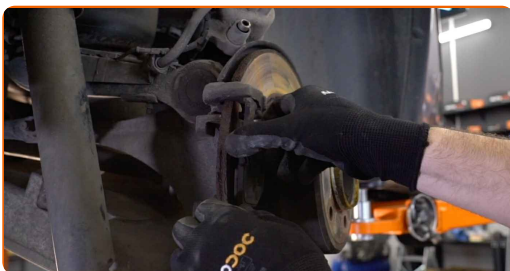


Replacement: brake pads – BMW Z4 Coupe (E86). AUTODOC experts recommend:

- 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.

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Remove the brake pads. Use a crowbar.

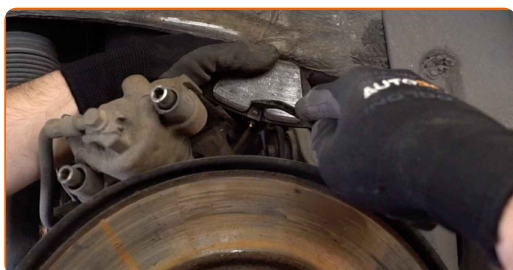


Replacement: brake pads – BMW Z4 Coupe (E86). AUTODOC recommends:

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

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Remove the connector of the brake pad wear sensor. Use a crowbar.



Please note!

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

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



AUTODOC recommends:

- Replacement: brake pads – BMW Z4 Coupe (E86). After applying the spray, wait a few minutes.

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



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Treat the back side of the new brake pads. Use anti-squeal paste.



Replacement: brake pads – BMW Z4 Coupe (E86). Professionals recommend:

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

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Install new brake pads.

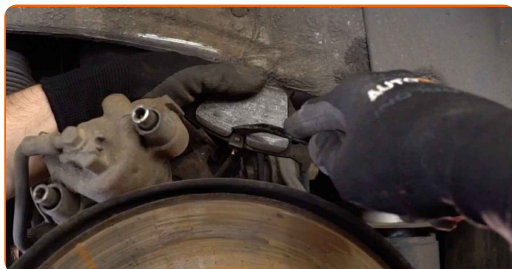


Replacement: brake pads – BMW Z4 Coupe (E86). Tip from AUTODOC:

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

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Connect the brake pad wear sensor plug.



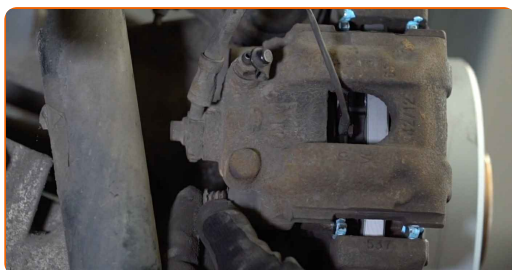
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Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



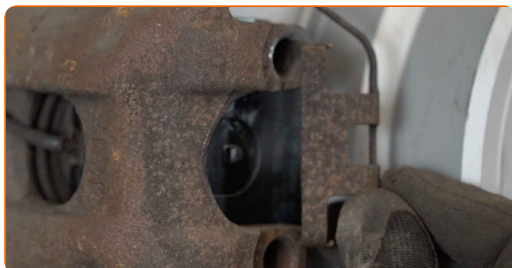
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Install the dust boot caps of the brake caliper guide pins.



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Install the brake caliper retaining spring.



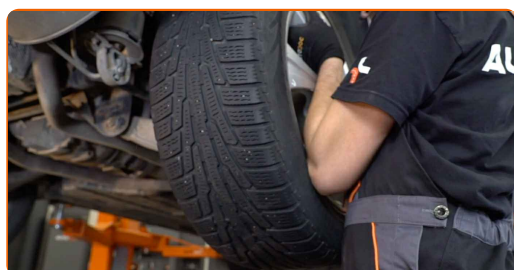
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Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



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Install the wheel.

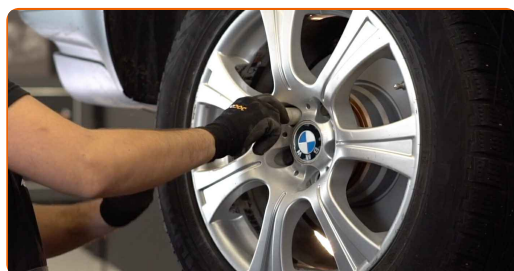


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. BMW Z4 Coupe (E86)

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Screw in the wheel bolts. Use wheel impact socket #19.



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Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 140 nm torque.

