

VIDEO TUTORIAL



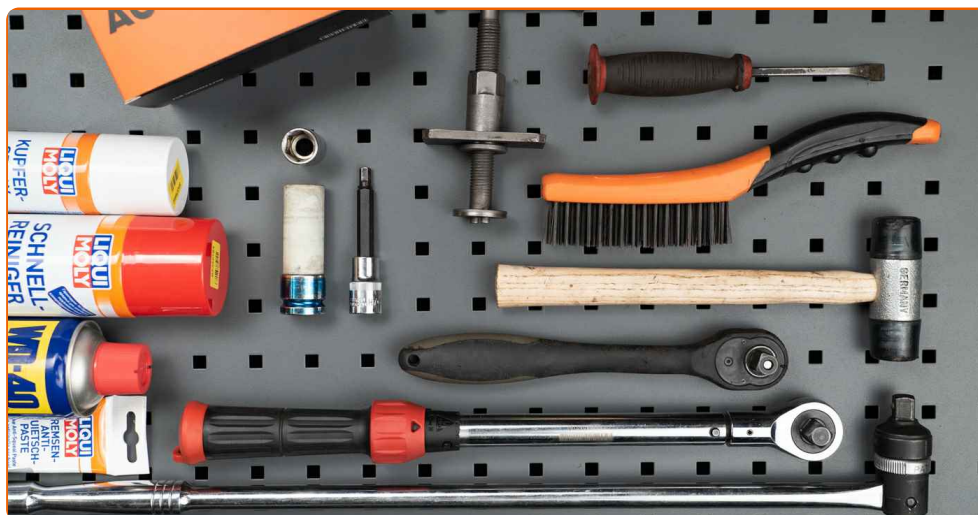
i Important!

This replacement procedure can be used for:

BMW 3 Touring (E91) 325i 3.0, BMW 3 Saloon (E90) 320d xDrive 2.0, BMW 3 Convertible (E93) 325d 3.0, BMW 3 Saloon (E90) 325i 2.5, BMW 3 Saloon (E90) 330i 3.0, BMW 3 Saloon (E90) 320d 2.0, BMW 3 Touring (E91) 325i 2.5, BMW 3 Touring (E91) 330i 3.0, BMW 3 Touring (E91) 320d 2.0, BMW 3 Saloon (E90) 330d 3.0, BMW 3 Touring (E91) 330d 3.0, BMW 3 Saloon (E90) 325xi 2.5, BMW 3 Saloon (E90) 330xi 3.0, BMW 3 Saloon (E90) 330xd 3.0, BMW 3 Touring (E91) 325xi 2.5, (+ 48)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – BMW E92. TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Anti-squeal paste
- HEX bit No.H7.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Crow bar
- Fender cover
- Wheel chock

BUY TOOLS

Replacement: brake pads – BMW E92. AUTODOC recommends:

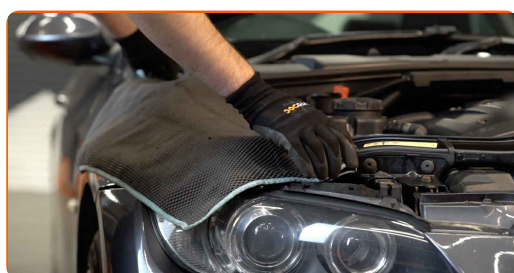
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – BMW E92. USE THE FOLLOWING PROCEDURE:

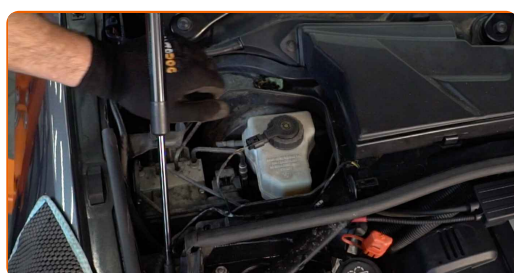
1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Remove the wiper arm cover.

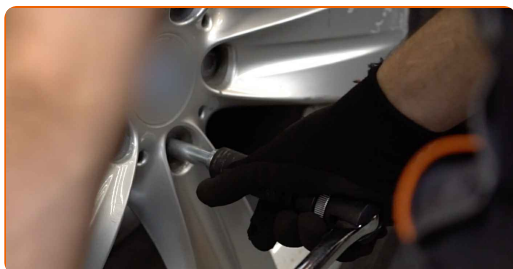


- 4 Unscrew the brake fluid reservoir cap.



- 5 Secure the wheels with chocks.

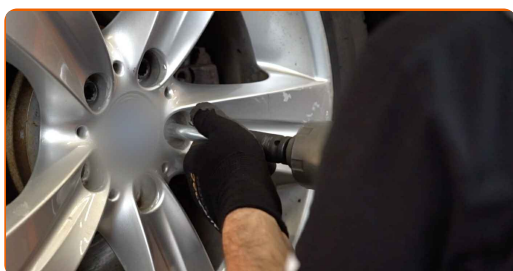
- 6 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



- 8 Unscrew the wheel bolts.

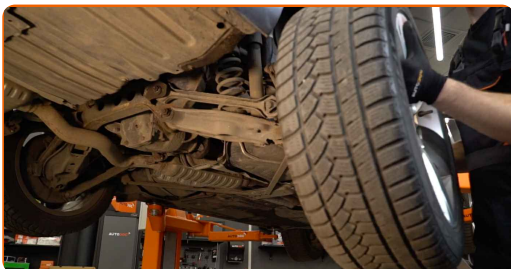


Replacement: brake pads – BMW E92. Professionals recommend:

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

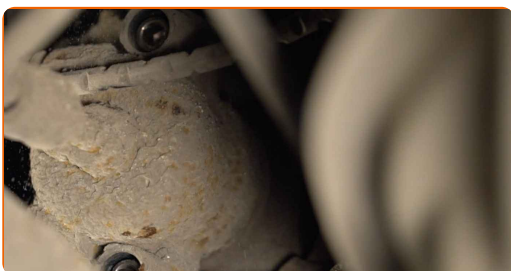
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Remove the wheel.



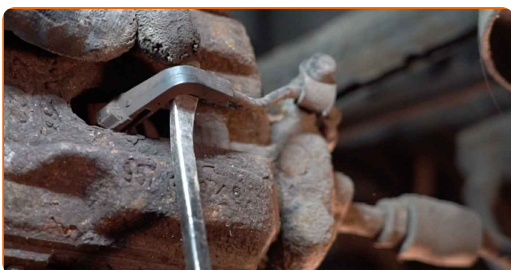
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Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



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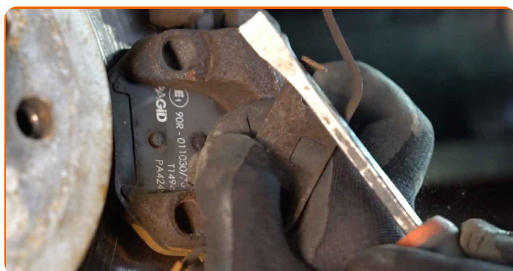
Disconnect the brake pads wear sensor. Use a crowbar.



Please note!

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

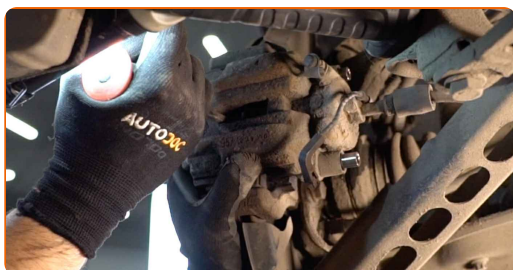
- 12 Detach the brake caliper retaining spring. Use a crowbar.



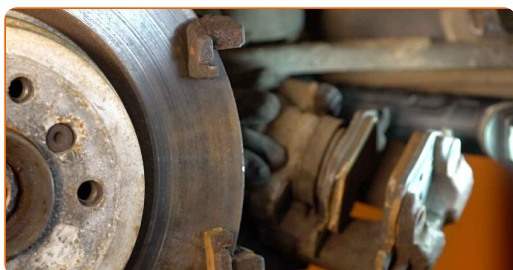
- 13 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



- 14 Spread the brake pads. Use a crowbar.



- 15 Remove the brake caliper.



Replacement: brake pads – BMW E92. 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

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Remove the brake pads.



Replacement: brake pads – BMW E92. Tip:

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

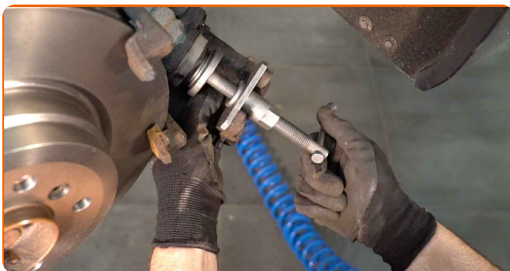
- 17 Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake pads – BMW E92. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

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



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



AUTODOC recommends:

- Replacement: brake pads – BMW E92. After applying the spray, wait a few minutes.

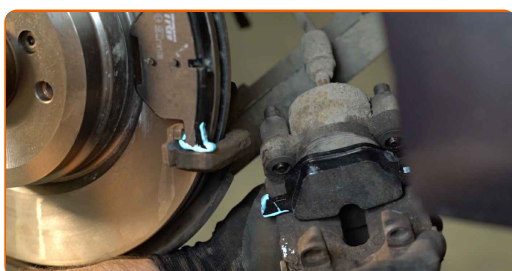
- 20** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – BMW E92. Tip from AUTODOC experts:

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

- 21** Install new brake pads.



Replacement: brake pads – BMW E92. Professionals recommend:

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

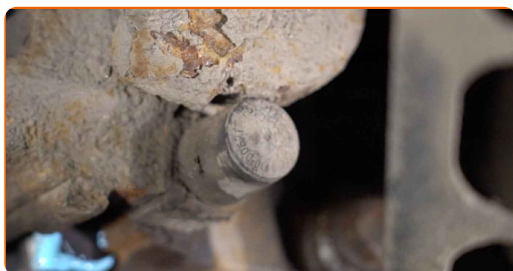
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Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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



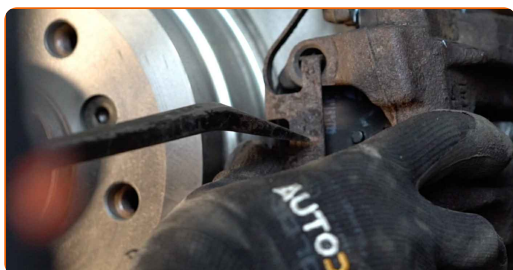
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Connect the brake pads wear sensor.



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Install the brake caliper retaining spring. Use a crowbar.



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

