

SIMILAR VIDEO TUTORIAL



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

Important!

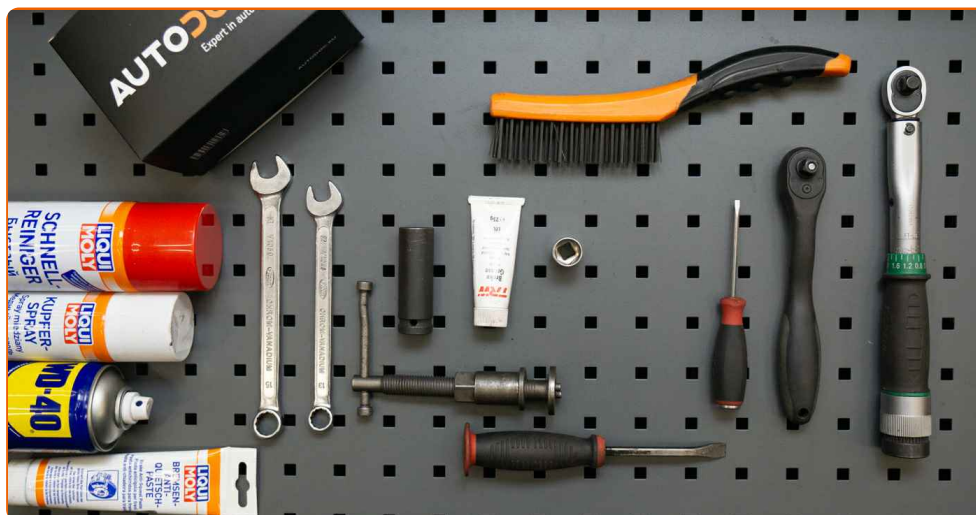
This replacement procedure can be used for:

BMW X1 (E84) xDrive 28 i, BMW X1 (E84) sDrive 20 i, BMW X1 (E84) xDrive 20 i, BMW X1 (E84) sDrive 18 i, BMW X1 (E84) sDrive 18 d, BMW X1 (E84) xDrive 18 d, BMW X1 (E84) xDrive 20 d, BMW X1 (E84) sDrive 20 d, BMW X1 (E84) xDrive 23 d, BMW X1 (E84) xDrive 25 i, BMW X1 (E84) sDrive 28 i, BMW X1 (E84) xDrive 25 d, BMW X1 (E84) sDrive 16 d, BMW X1 (E84) sDrive 16 i, BMW X1 (E84) xDrive 35 i, (+ 1)

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 (E90) 318i 2.0

REPLACEMENT: BRAKE PADS – BMW X1 (E84). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #17
- Torque wrench
- Brake caliper wind back tool
- Flat Screwdriver
- Crow bar
- Wheel chock

Buy tools

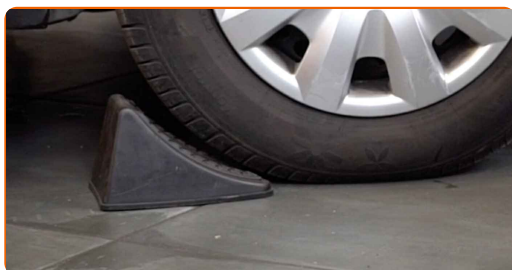
Replacement: brake pads – BMW X1 (E84). AUTODOC recommends:

- 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.
- Please note: all work on the car – BMW X1 (E84) – should be done with the engine switched off.

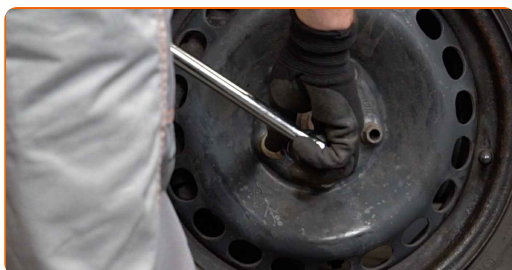
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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.

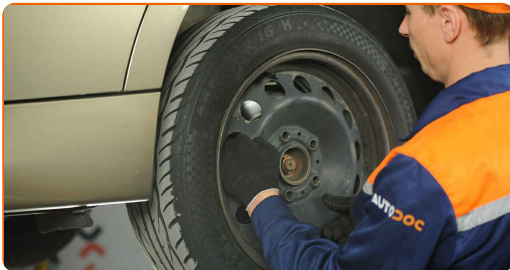
5 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
BMW X1 (E84)

6 Remove the wheel.



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

8 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake pads – BMW X1 (E84). 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.

- 11 Remove the brake pads. Use a flat screwdriver.



- 12 Remove the brake pads retaining clips. Use a flat screwdriver.



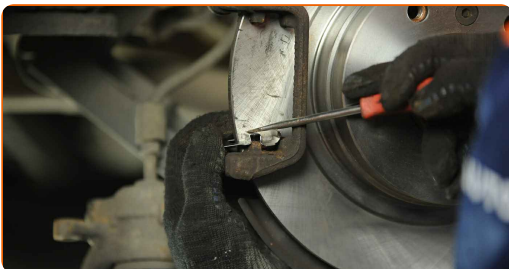
- 13 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



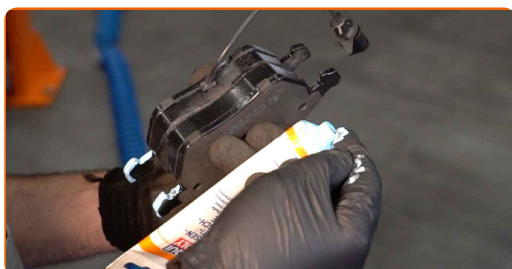
AUTODOC recommends:

- Replacement: brake pads – BMW X1 (E84). After applying the spray, wait a few minutes.

- 14 Install the brake pads retaining clips.



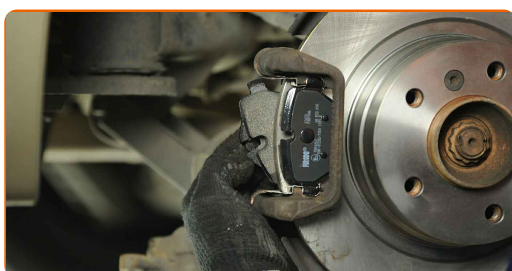
- 15** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



AUTODOC recommends:

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

- 16** Install new brake pads.



Replacement: brake pads – BMW X1 (E84). Tip:

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

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



AUTODOC recommends:

- Replacement: brake pads – BMW X1 (E84). After applying the spray, wait a few minutes.

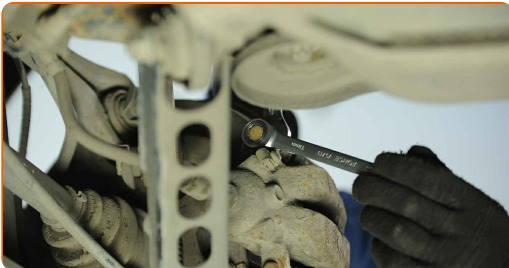
18

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



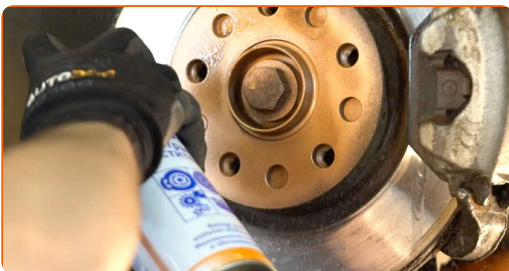
19

Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



20

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



21

Clean the brake disc surface. Use a brake cleaner.



Replacement: brake pads – BMW X1 (E84). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

22

Install the wheel.

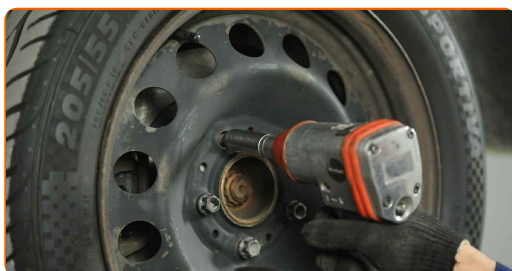


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW X1 (E84)

23

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



24

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



Replacement: brake pads – BMW X1 (E84). Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

25

Remove the jacks and chocks.



AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

26

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – BMW X1 (E84). AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

VIEW MORE TUTORIALS