



How to change rear  
brake discs on **BMW 1  
Convertible (E88)** –  
replacement guide

## 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 1 Convertible (E88) 120i 2.0, BMW 1 Convertible (E88) 125i 3.0, BMW 1 Convertible (E88) 118i 2.0, BMW 1 Convertible (E88) 120d 2.0, BMW 1 Convertible (E88) 118d 2.0, BMW 1 Convertible (E88) 128i 3.0

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 1 Coupe (E82) 125i 3.0

**REPLACEMENT: BRAKE DISCS – BMW 1 CONVERTIBLE (E88). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 16
- HEX bit no.H6.
- HEX bit no.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Impact screwdriver
- Crow bar
- Fender cover
- Wheel chock

**Buy tools**

**Replacement: brake discs – BMW 1 Convertible (E88). Professionals recommend:**

- Replace the brake disks on the car BMW 1 Convertible (E88) 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.
- Please note: all work on the car – BMW 1 Convertible (E88) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

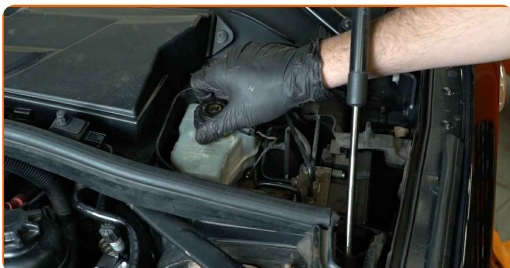
**1** Open the bonnet.

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

**3** Remove the wiper arm cover.



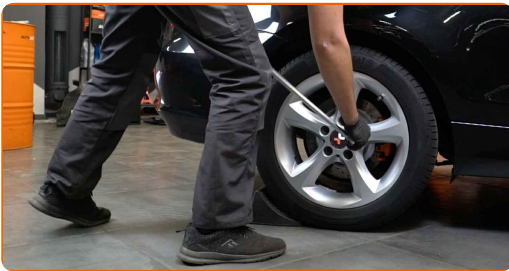
**4** Unscrew the brake fluid reservoir cap.



**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 discs – BMW 1 Convertible (E88). AUTODOC recommends:

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

**9** Remove the wheel.



**10** Disconnect the brake pads wear sensor. Use a crowbar.



**Please note!**

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

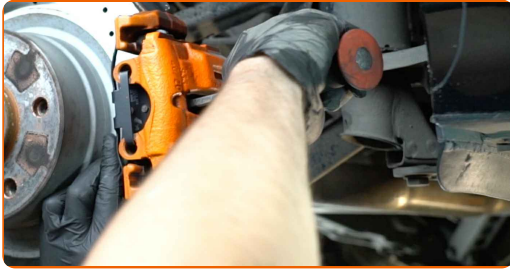
**11** Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



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



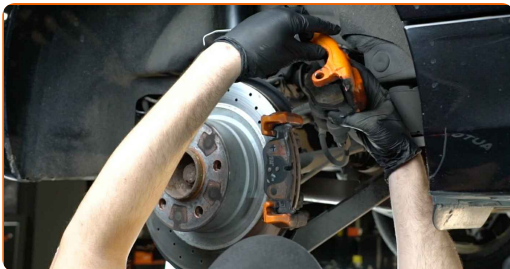
**13** Spread the brake pads. Use a crowbar.



**14** Detach the brake caliper retaining spring. Use a crowbar.



**15** Remove the brake caliper.





Replacement: brake discs – BMW 1 Convertible (E88). 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.

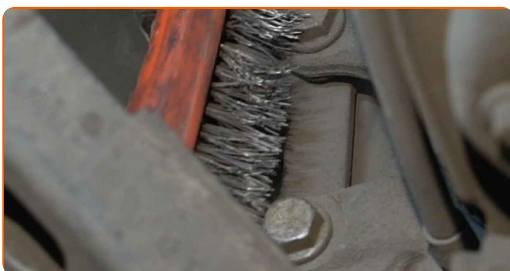
16

Remove the brake pads.



17

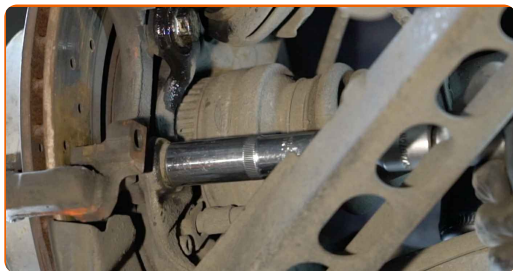
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.





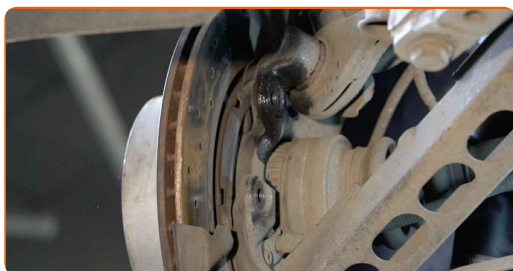
18

Unscrew the caliper bracket fastening. Use a drive socket #16. Use a tap wrench.



19

Remove the caliper bracket.



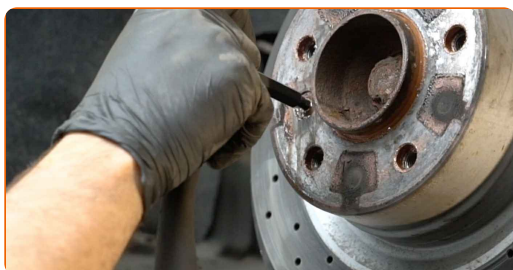
20

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



21

Unscrew the brake disc fastening. Use HEX No.H6. Use an impact screwdriver.



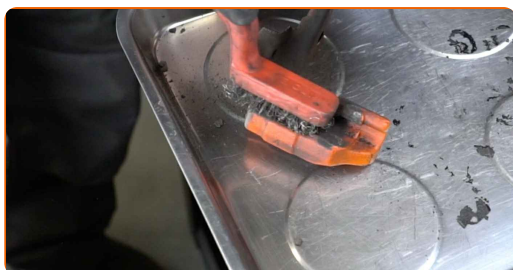
**22** Remove the brake disc.



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



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



**AUTODOC recommends:**

- Replacement: brake discs – BMW 1 Convertible (E88). After applying the spray, wait a few minutes.

**25** Install the brake disc.



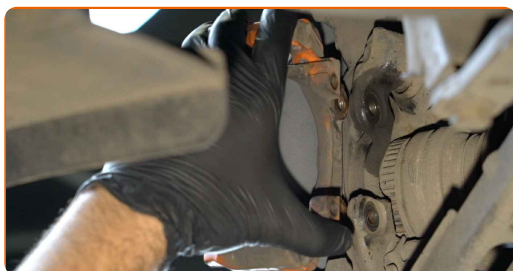
26

Tighten the brake disc fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 9 Nm torque.



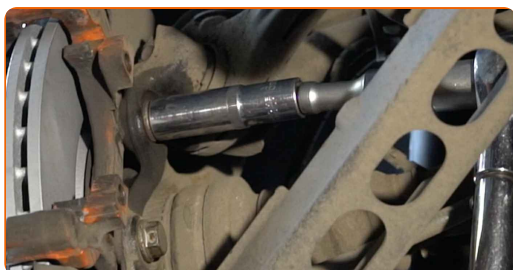
27

Install the brake caliper bracket.



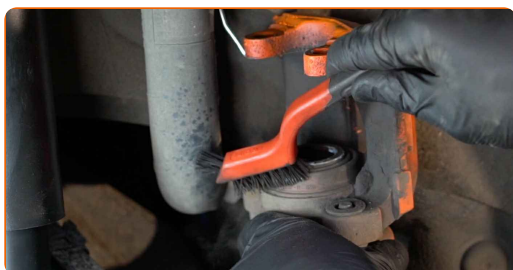
28

Tighten the brake caliper bracket. Use a drive socket #16. Use a torque wrench. Tighten it to 65 Nm torque.



29

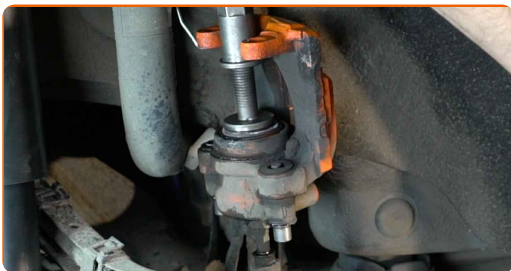
Treat the brake caliper piston. Use a brake cleaner.



**Replacement: brake discs – BMW 1 Convertible (E88). Tip:**

- After applying the spray, wait a few minutes.

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



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

**32** Install the brake pads.



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



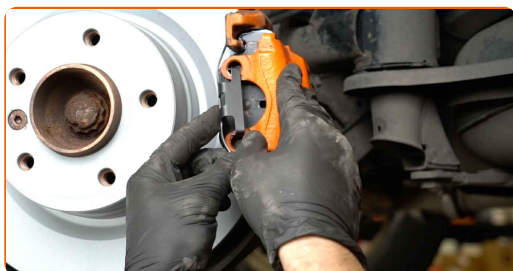
**34** Install the dust boot caps of the brake caliper guide pins.



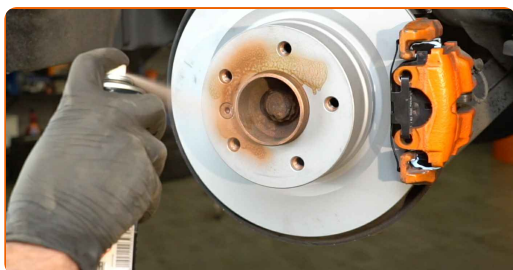
**35** Connect the brake pads wear sensor.



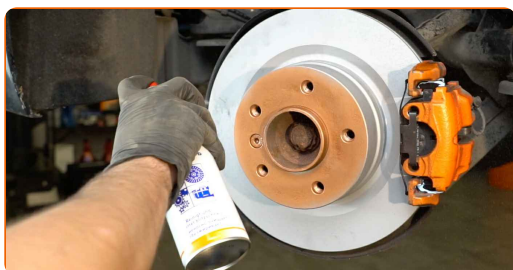
**36** Install the brake caliper retaining spring.



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



**38** Clean the brake disc surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake discs – BMW 1 Convertible (E88). After applying the spray, wait a few minutes.



**39** Install the wheel.



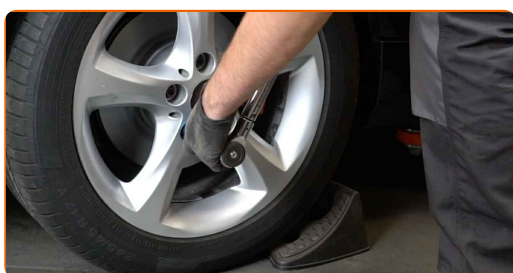
Replacement: brake discs – BMW 1 Convertible (E88). Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



**41** 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.



**42** Remove the jacks and chocks.

**AUTODOC recommends:**

- Important! Replacement: brake discs – BMW 1 Convertible (E88). Check the brake fluid level in the reservoir and top up if necessary.

**43**

Tighten the brake fluid reservoir cap.



**44**

Install the wiper arm cover.



**45**

Remove the fender protection cover.

**46**

Close the hood.

**AUTODOC recommends:**

- BMW 1 Convertible (E88) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

**WELL DONE!** 

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