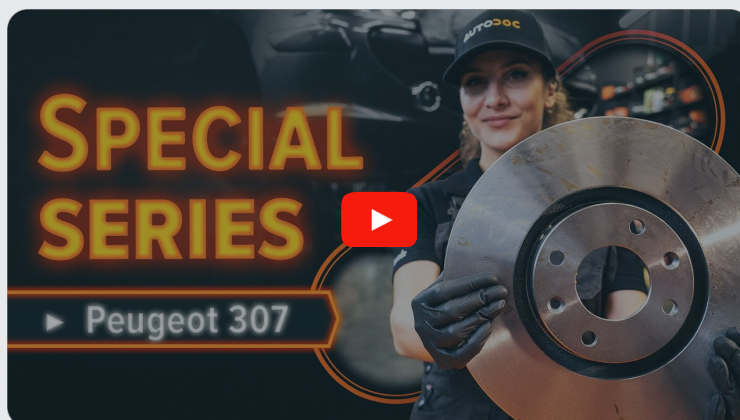




How to change front  
brake discs on **CITROËN**  
**Berlingo (K9)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

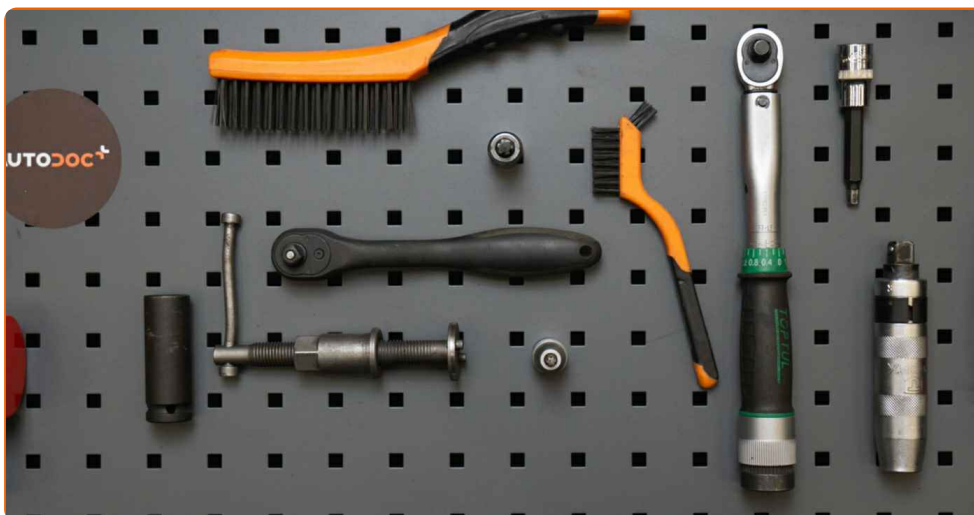
### Important!

This replacement procedure can be used for:  
CITROËN Berlingo (K9) 1.2 PureTech 110

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: PEUGEOT 307 SW (3H) 2.0 HDi 135

REPLACEMENT: BRAKE DISCS – CITROËN BERLINGO (K9). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- HEX bit No.H7.
- Torx bit T30
- Torx bit T50
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Impact screwdriver
- Crow bar
- Fender cover
- Wheel chock

**Buy tools**

**Replacement: brake discs – CITROËN Berlingo (K9). Tip from AUTODOC:**

- Replace the brake discs on the car CITROËN Berlingo (K9) 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.
- Warning! Shut down the engine before starting any work – CITROËN Berlingo (K9)

**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** Unscrew the brake fluid reservoir cap.



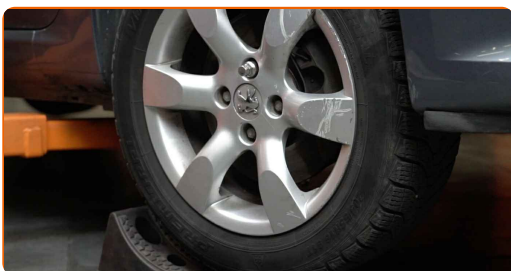
**4** Secure the wheels with chocks.



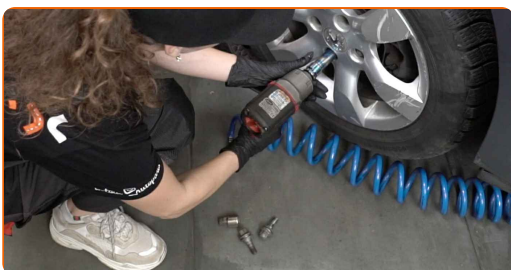
**5** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**6** Raise the front of the car and secure on supports.



**7** Unscrew the wheel bolts.



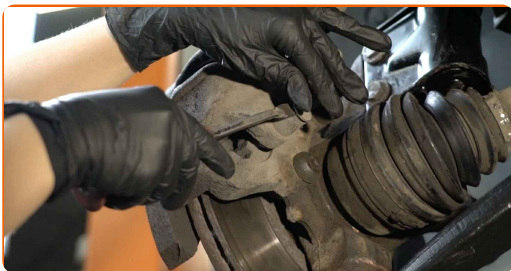
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. CITROËN Berlingo (K9)

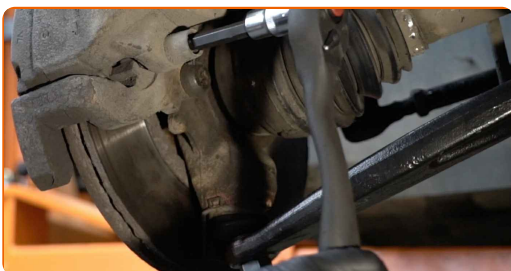
**8** Remove the wheel.



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



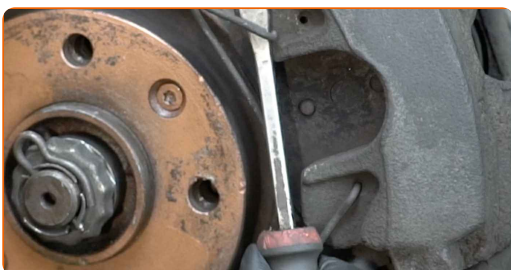
**10** Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



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



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



**13**

Remove the brake caliper.

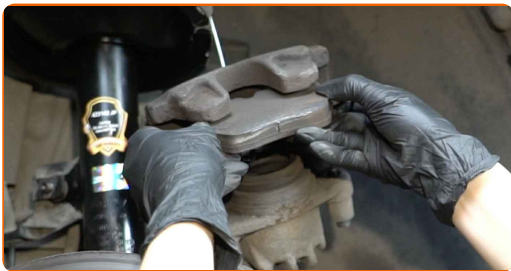


**Replacement: brake discs – CITROËN Berlingo (K9). Professionals recommend:**

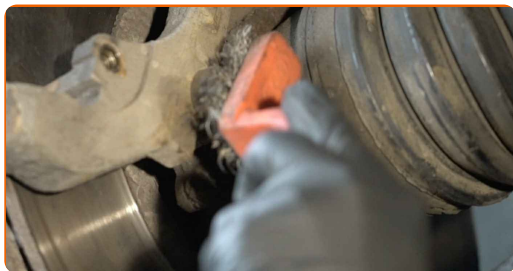
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, 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.

**14**

Remove the brake pads.



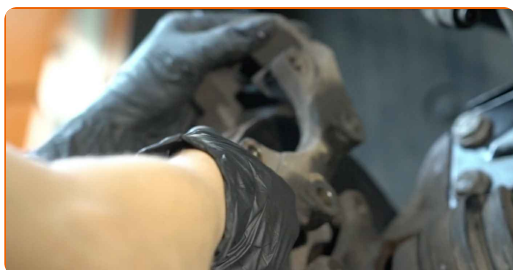
**15** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



**16** Unscrew the caliper bracket fastening. Use Torx T50. Use a tap wrench.

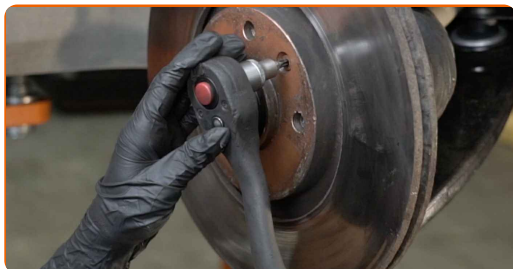


**17** Remove the caliper bracket.



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

**19** Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

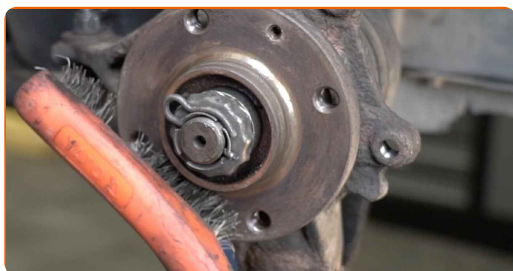




20 Remove the brake disc.



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



22 Install the brake disc.

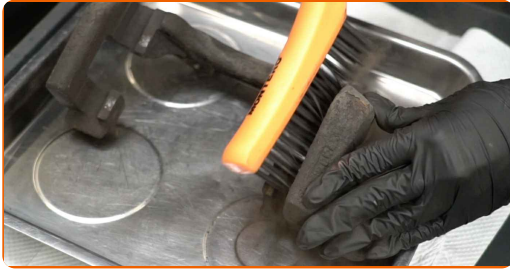


23 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



24

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

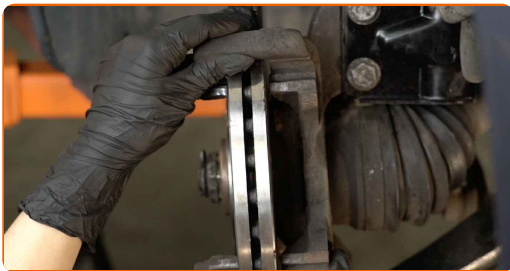


**AUTODOC recommends:**

- Replacement: brake discs – CITROËN Berlingo (K9). After applying the spray, wait a few minutes.

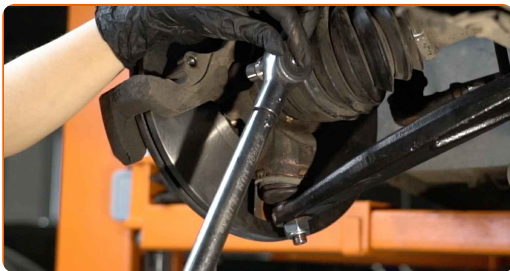
25

Install the brake caliper bracket.



26

Tighten the brake caliper bracket. Use Torx T50. Use a torque wrench. Tighten it to 105 Nm torque.



27

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

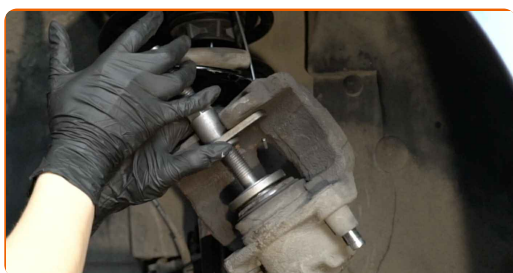


Replacement: brake discs – CITROËN Berlingo (K9). AUTODOC recommends:

- After applying the spray, wait a few minutes.

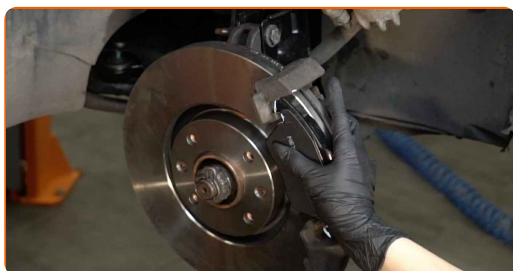
28

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

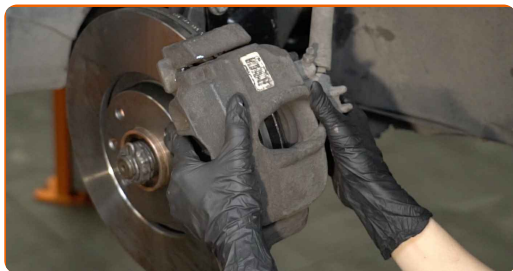


29

Install the brake pads.



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



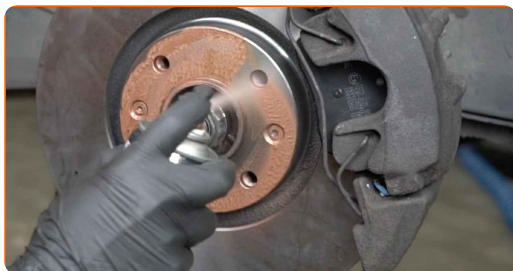
**31** Install the dust boot caps of the brake caliper guide pins.



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



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



**34** Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – CITROËN Berlingo (K9). Tip:

- After applying the spray, wait a few minutes.

35

Install the wheel.



AUTODOC recommends:

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

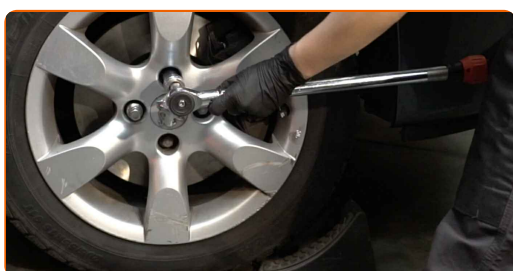
36

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

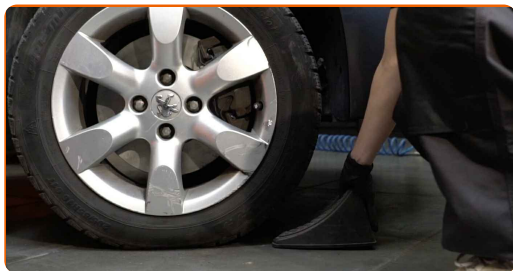


37

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 100 Nm torque.



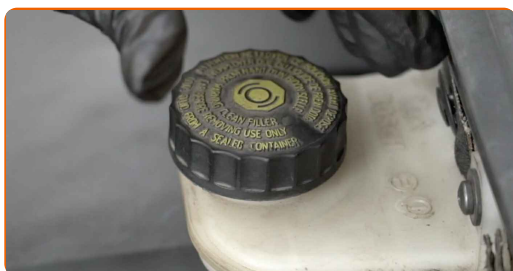
**38** Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake discs – CITROËN Berlingo (K9). Check the brake fluid level in the reservoir and top up if necessary.

**39** Tighten the brake fluid reservoir cap.



**40** Remove the fender protection cover.

**41** Close the hood.

Replacement: brake discs – CITROËN Berlingo (K9). AUTODOC experts recommend:

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

**WELL DONE!** 

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