



How to change rear
brake pads on **MAZDA 3**
Hatchback (BL) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

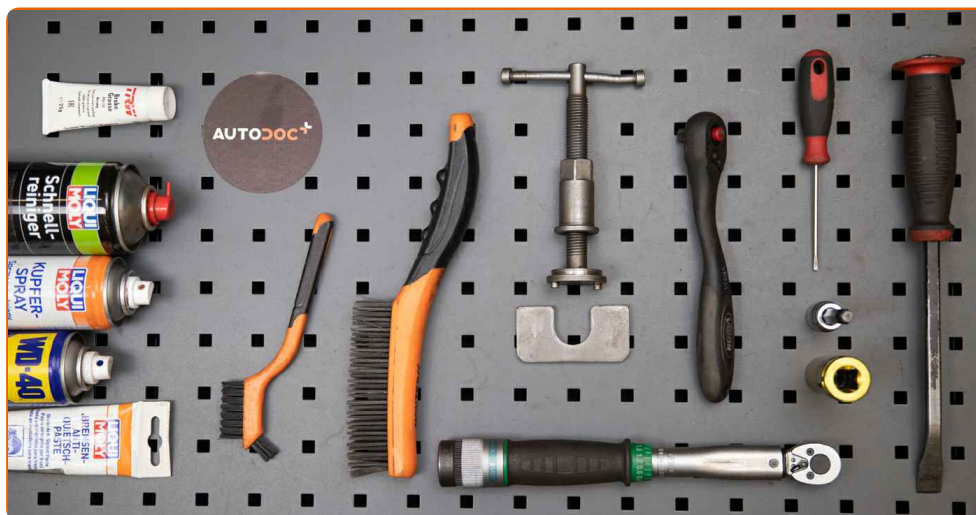
This replacement procedure can be used for:

MAZDA 3 Hatchback (BL) 1.6 MZR CD (BL14), MAZDA 3 Hatchback (BL) 1.6 MZR (BL14), MAZDA 3 Hatchback (BL) 2.0 MZR DISI (BLEFW), MAZDA 3 Hatchback (BL) 2.0 MZR (BLEFW), MAZDA 3 Hatchback (BL) 1.6 MZ-CD (BL14), MAZDA 3 Hatchback (BL) 2.2 MZR CD (BL10), MAZDA 3 Hatchback (BL) 2.3 MPS Turbo (BL14), MAZDA 3 Hatchback (BL) 2.0

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: MAZDA 3 Saloon (BK) 1.6 (BK12)

REPLACEMENT: BRAKE PADS – MAZDA 3 HATCHBACK (BL). TOOLS YOU MIGHT NEED:



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

Buy tools

Replacement: brake pads – MAZDA 3 Hatchback (BL). AUTODOC experts recommend:

- 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 – MAZDA 3 Hatchback (BL) – 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.

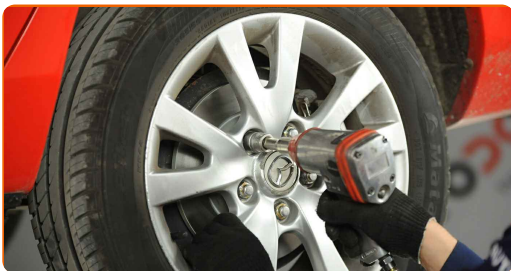


3 Loosen the wheel mounting bolts. Use wheel impact socket #19.



4 Raise the rear of the car and secure on supports.

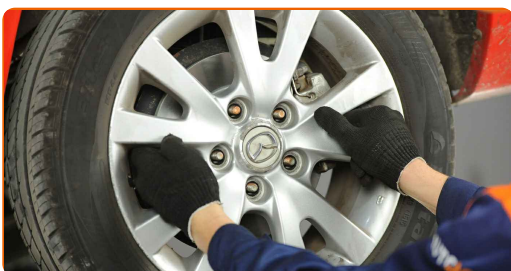
5 Unscrew the wheel bolts.



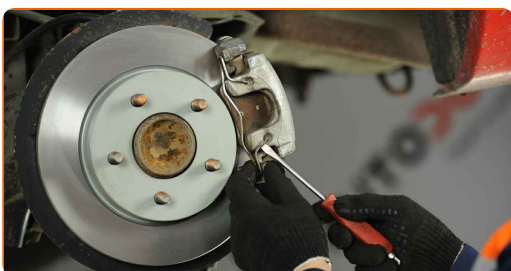
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
MAZDA 3 Hatchback (BL)

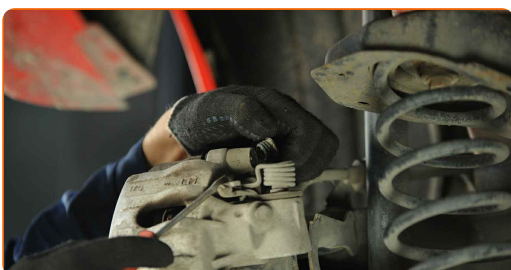
6 Remove the wheel.



7 Detach the brake caliper retaining spring. Use a flat screwdriver.

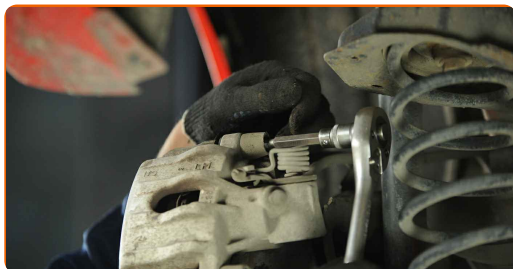


8 Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



9

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



10

Remove the guide pins from the brake caliper. Use a flat screwdriver.

11

Spread the brake pads. Use a crowbar.

12

Remove the brake caliper.



Replacement: brake pads – MAZDA 3 Hatchback (BL). Tip from AUTODOC:

- 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.

13

Remove the brake pads.



Replacement: brake pads – MAZDA 3 Hatchback (BL). Tip from AUTODOC:

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

14

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

Replacement: brake pads – MAZDA 3 Hatchback (BL). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

15

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

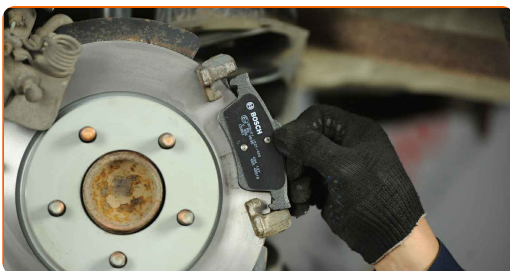


Replacement: brake pads – MAZDA 3 Hatchback (BL). Professionals recommend:

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

16

Install new brake pads.



Replacement: brake pads – MAZDA 3 Hatchback (BL). AUTODOC recommends:

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

17

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



Replacement: brake pads – MAZDA 3 Hatchback (BL). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

18

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

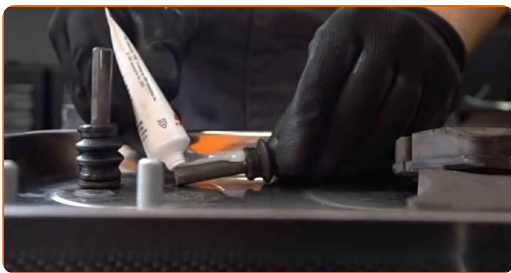


19

Clean the brake caliper guide pins.

20

Treat the brake caliper guide pins. Use the brake caliper guide pin grease.

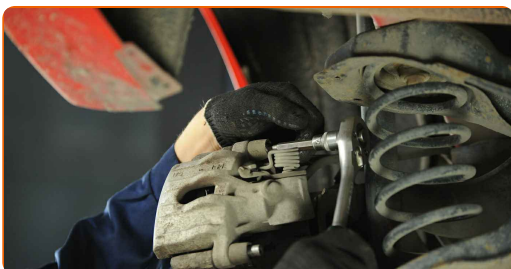


21 Install the brake caliper and fix it.

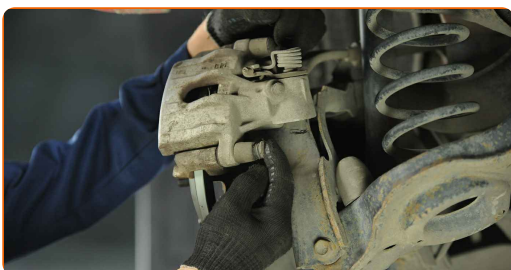


22 Screw in the guide pins.

23 Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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

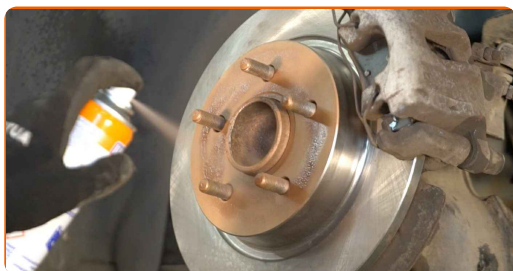


25 Install the brake caliper retaining spring. Use a flat screwdriver.



26

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



27

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – MAZDA 3 Hatchback (BL). After applying the spray, wait a few minutes.

28

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MAZDA 3 Hatchback (BL)

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



30 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 118 nm torque.



31 Remove the jacks and chocks.



Replacement: brake pads – MAZDA 3 Hatchback (BL). Professionals recommend:

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

32 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – MAZDA 3 Hatchback (BL). Tip from AUTODOC experts:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

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