



How to change front  
brake pads on **MAZDA 5**  
**(CR19)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

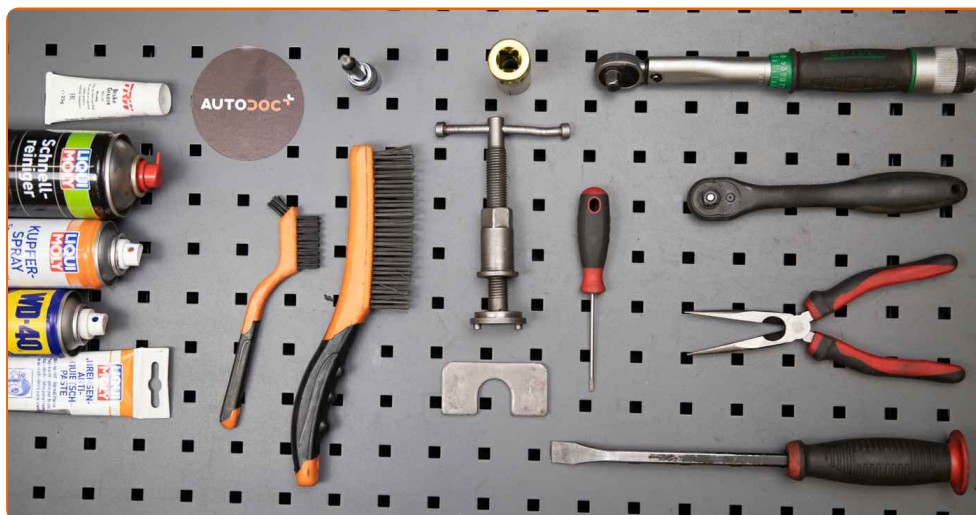
This replacement procedure can be used for:

MAZDA 5 (CR19) 1.8, MAZDA 5 (CR19) 2.0, MAZDA 5 (CR19) 2.0 CD

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

**REPLACEMENT: BRAKE PADS – MAZDA 5 (CR19).  
TOOLS YOU'LL NEED:**



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

**Buy tools**

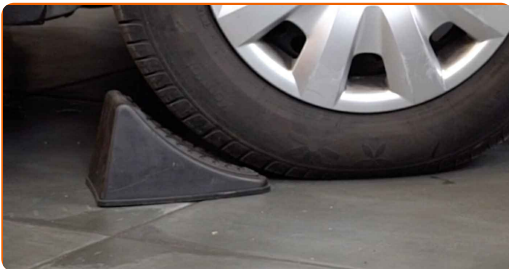
Replacement: brake pads – MAZDA 5 (CR19). Tip from AUTODOC experts:

- 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 5 (CR19) – 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.

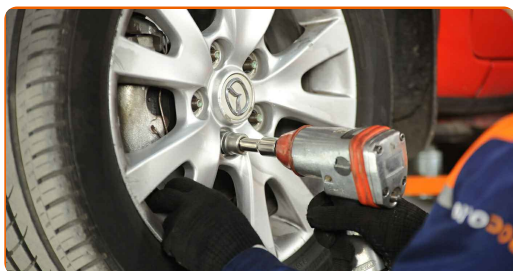


**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**4** Raise the front 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 5 (CR19)

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

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



**11** Remove the guide pins from the brake caliper.

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

**13** Remove the brake caliper.

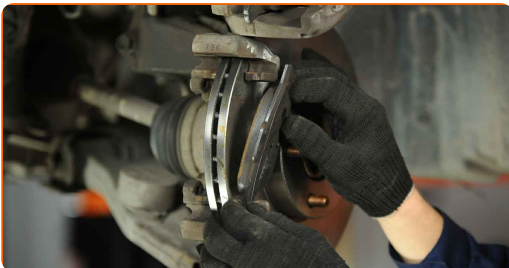


Replacement: brake pads – MAZDA 5 (CR19). Tip from AUTODOC:

- 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.

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Remove the brake pads.

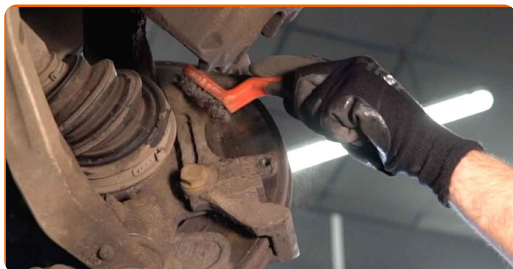


Replacement: brake pads – MAZDA 5 (CR19). Professionals recommend:

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

15

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

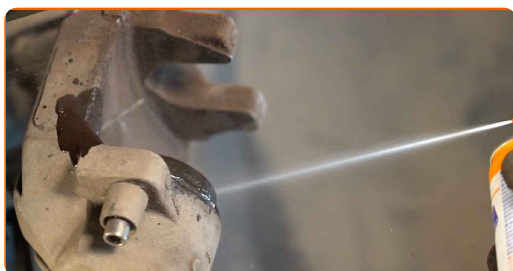


**AUTODOC recommends:**

- Replacement: brake pads – MAZDA 5 (CR19). After applying the spray, wait a few minutes.

16

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

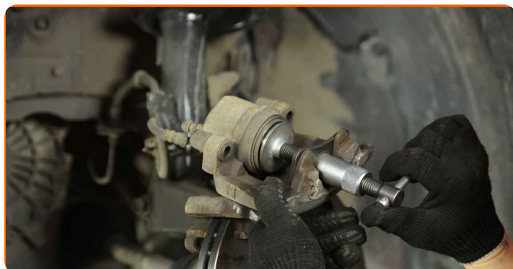


**Replacement: brake pads – MAZDA 5 (CR19). Tip from AUTODOC experts:**

- After applying the spray, wait a few minutes.



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



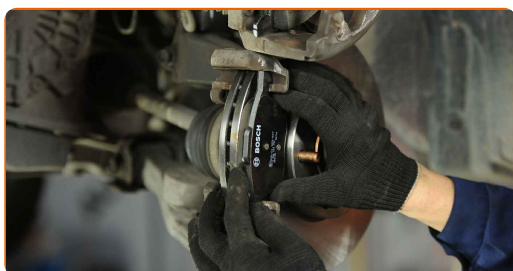
**18** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



**AUTODOC recommends:**

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

**19** Install new brake pads.



**Replacement: brake pads – MAZDA 5 (CR19). Tip from AUTODOC:**

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

**20** Install the brake caliper and fix it.



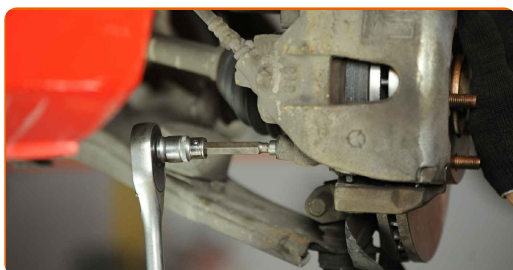
**21** Clean the brake caliper guide pins.

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

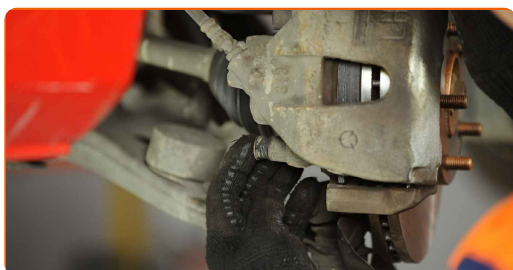


**23** Screw in the guide pins.

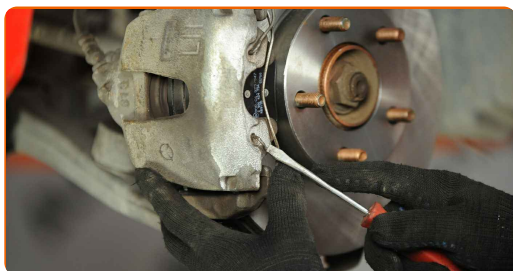
**24** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



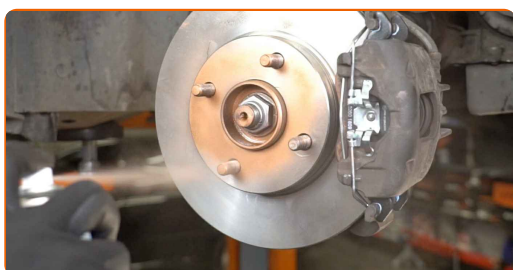
**25** Install the dust boot caps of the brake caliper guide pins.



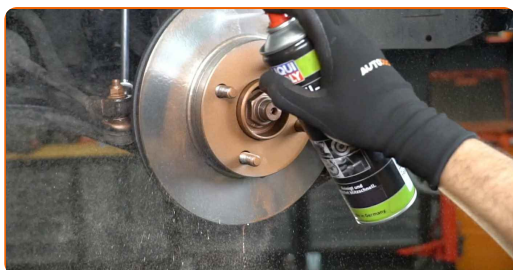
**26** Install the brake caliper retaining spring. Use round-nose pliers. Use a flat screwdriver.



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



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



**AUTODOC recommends:**

- Replacement: brake pads – MAZDA 5 (CR19). After applying the spray, wait a few minutes.

**29** Install the wheel.



**AUTODOC recommends:**

- **Warning!** To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MAZDA 5 (CR19)

**30**

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



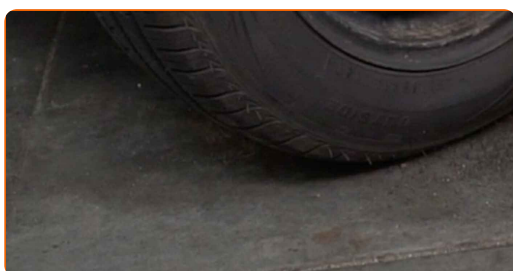
**31**

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.



**32**

Remove the jacks and chocks.



Replacement: brake pads – MAZDA 5 (CR19). AUTODOC recommends:

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

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Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – MAZDA 5 (CR19). AUTODOC experts recommend:

- 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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