



How to change front  
brake pads on **HONDA**  
**CR-Z (ZF)** – 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:  
HONDA CR-Z (ZF) 1.5 Hybrid

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: HONDA INSIGHT (ZE\_) 1.3 Hybrid (ZE2)

REPLACEMENT: BRAKE PADS – HONDA CR-Z (ZF). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 12
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

**Buy tools**

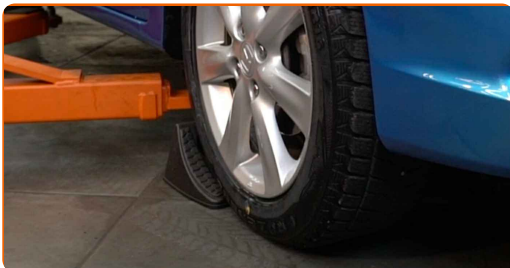
Replacement: brake pads – HONDA CR-Z (ZF). AUTODOC recommends:

- 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.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE PADS – HONDA CR-Z (ZF). TAKE THE FOLLOWING STEPS:**

**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.

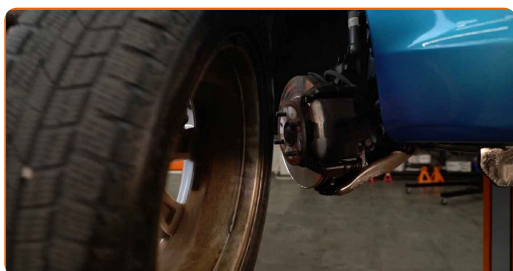
**5** Unscrew the wheel bolts.



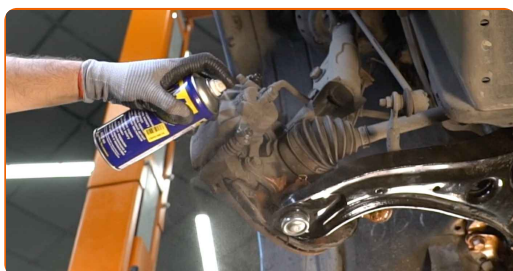
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. HONDA CR-Z (ZF)

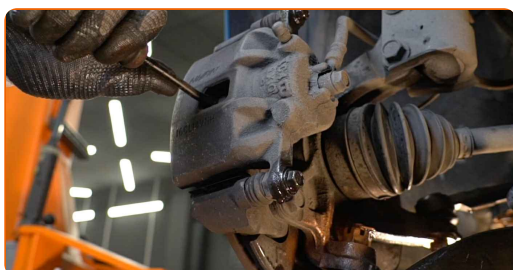
**6** Remove the wheel.



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

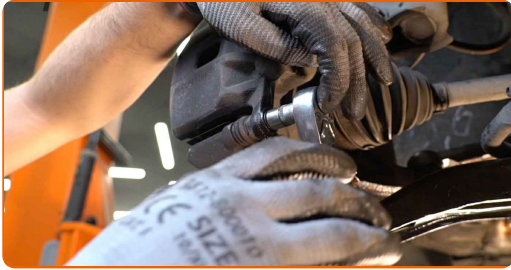


**8** Spread the brake pads. Use a crowbar.



9

Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.



10

Remove the brake caliper.



**Replacement: brake pads – HONDA CR-Z (ZF). 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.

11

Remove the brake pads. Use a crowbar.



Replacement: brake pads – HONDA CR-Z (ZF). AUTODOC experts recommend:

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

12

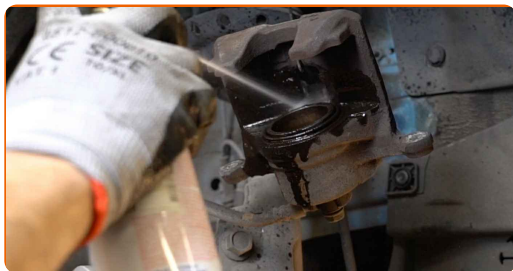
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – HONDA CR-Z (ZF). After applying the spray, wait a few minutes.

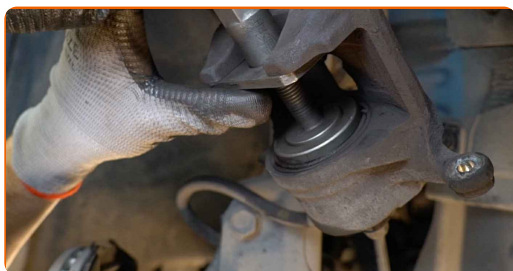
**13** Treat the brake caliper piston. Use a brake cleaner.



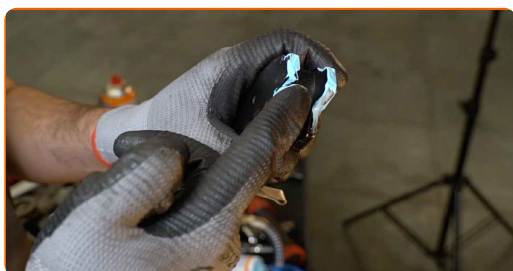
Replacement: brake pads – HONDA CR-Z (ZF). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

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



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



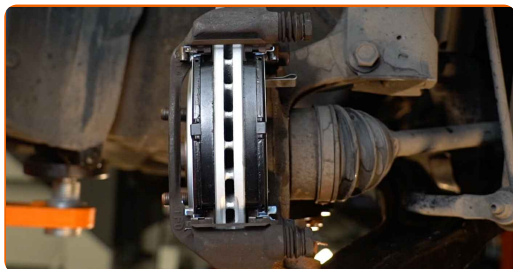


Replacement: brake pads – HONDA CR-Z (ZF). Tip from AUTODOC experts:

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

16

Install new brake pads.



Replacement: brake pads – HONDA CR-Z (ZF). Tip:

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

17

Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 23 Nm torque.



**18**

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



**19**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – HONDA CR-Z (ZF). After applying the spray, wait a few minutes.

**20**

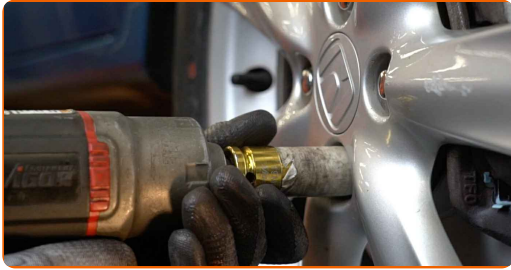
Install the wheel.



**Replacement: brake pads – HONDA CR-Z (ZF). AUTODOC recommends:**

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

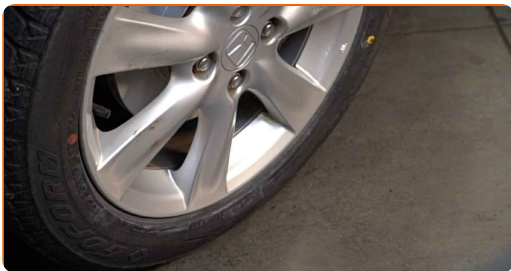
**21** Screw in the wheel bolts. Use wheel impact socket #19.



**22** 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 108 Nm torque.



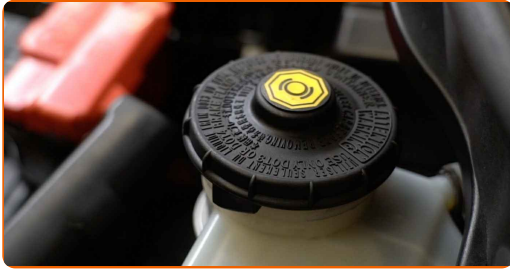
**23** Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake pads – HONDA CR-Z (ZF). Check the brake fluid level in the reservoir and top up if necessary.

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



**AUTODOC recommends:**

- HONDA CR-Z (ZF) – Without starting the engine, press the brake pedal several times until it feels firm.

**25** Close the hood.

**Replacement: brake pads – HONDA CR-Z (ZF). Professionals recommend:**

- 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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