



How to change rear
wheel bearing on
HONDA CIVIC VIII
Saloon (FD, FA) –
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 CIVIC VIII Saloon (FD, FA) 2.0 i-VTEC Type R

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 Jazz II Hatchback (GD_, GE3, GE2) 1.2 i-DSI (GD5, GE2)

REPLACEMENT: WHEEL BEARING – HONDA CIVIC VIII SALOON (FD, FA). TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- High-temperature ceramic grease
- Torque wrench
- Drive socket # 12
- Drive socket # 14
- Drive socket # 30
- Wheel impact socket #19
- Ratchet wrench
- Hammer
- Flat chisel
- Crow bar
- Rubber mallet
- Phillips screwdriver
- Brake caliper wind back tool
- Wheel chock

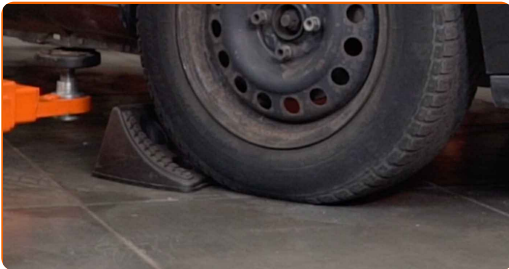
Buy tools

AUTODOC recommends:

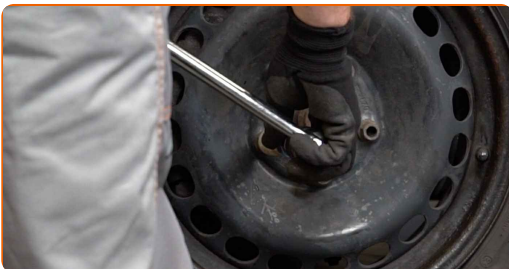
- Do not re-use the bearing assembly of your HONDA CIVIC VIII Saloon (FD, FA) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – HONDA CIVIC VIII Saloon (FD, FA) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.



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



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

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
HONDA CIVIC VIII Saloon (FD, FA)

5

Remove the wheel.

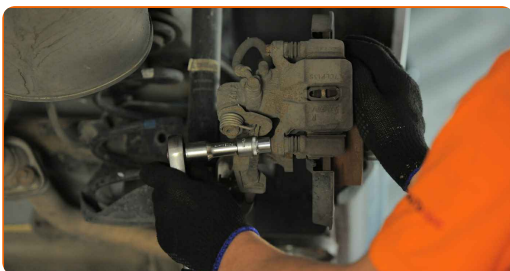


6

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

7

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



8

Remove the brake caliper. Use a crowbar.

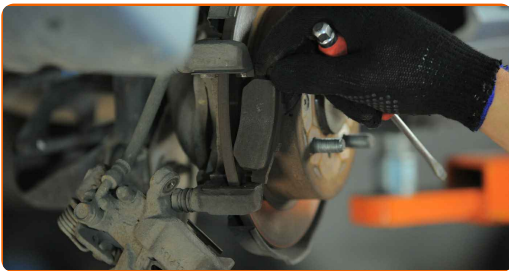


Replacement: wheel bearing – HONDA CIVIC VIII Saloon (FD, FA).
Professionals recommend:

- 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.

9

Remove the brake pads. Use a crowbar.



10

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

11

Unscrew the caliper bracket fastening. Use a drive socket #14. Use a ratchet wrench.

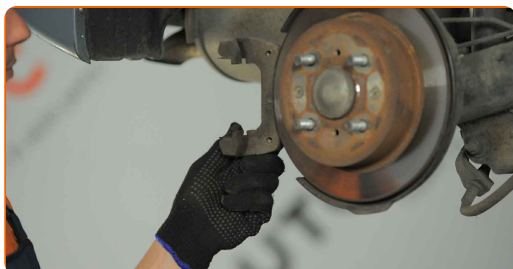


12

Remove the fastening bolts.

13

Remove the caliper bracket.

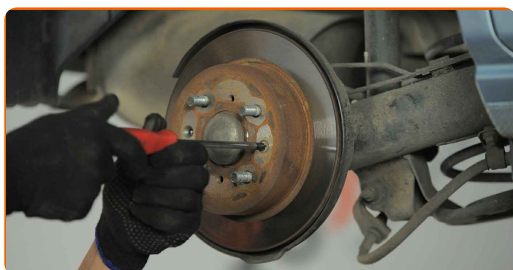


14

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

15

Unscrew the brake disc fastening. Use a Phillips screwdriver.

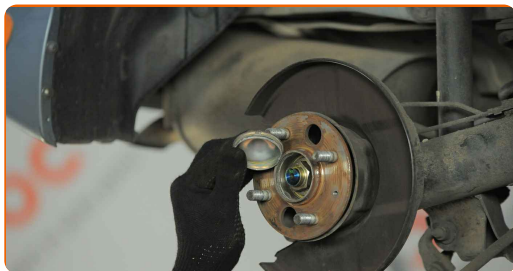


16

Remove the brake disc.



17 Remove the hub bearing protection cap. Use a crowbar. Use a rubber mallet.



18 Unstake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



19 Unscrew the wheel hub axle nut. Use a drive socket #30. Use a ratchet wrench.



20 Remove the hub and the bearing together, since they are a sealed unit.



21 Clean the wheel hub mounting seat. Use all-purpose cleaning spray.

22 Install the new wheel hub together with the bearing.



23 Install the fastening nut.

24 Tighten the hub. Use a drive socket #30. Use a torque wrench. Tighten it to 162 Nm torque.



25 Restake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



26 Install the hub bearing protection cap. Use a rubber mallet.



27 Treat the hub where it contacts the brake disk. Use copper grease.

28 Install the brake disc.



29 Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 10 Nm torque.



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

31 Install the brake caliper bracket.

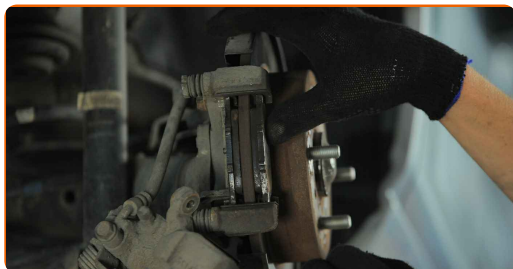


32 Install the fastening bolts.

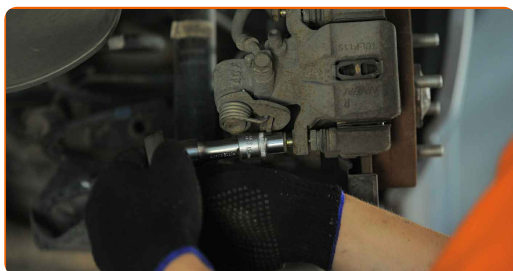
33 Tighten the brake caliper bracket. Use a drive socket #14. Use a torque wrench. Tighten it to 55 Nm torque.



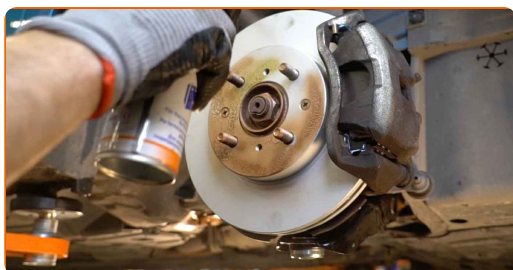
34 Install the brake pads.



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



36 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



37 Clean the brake disc surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: wheel bearing – HONDA CIVIC VIII Saloon (FD, FA). After applying the spray, wait a few minutes.

38 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. HONDA CIVIC VIII Saloon (FD, FA)

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



40 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.



41

Remove the jacks and chocks.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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