



How to change front
wheel bearing on
HONDA CR-V I (RD) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

ⓘ Important!

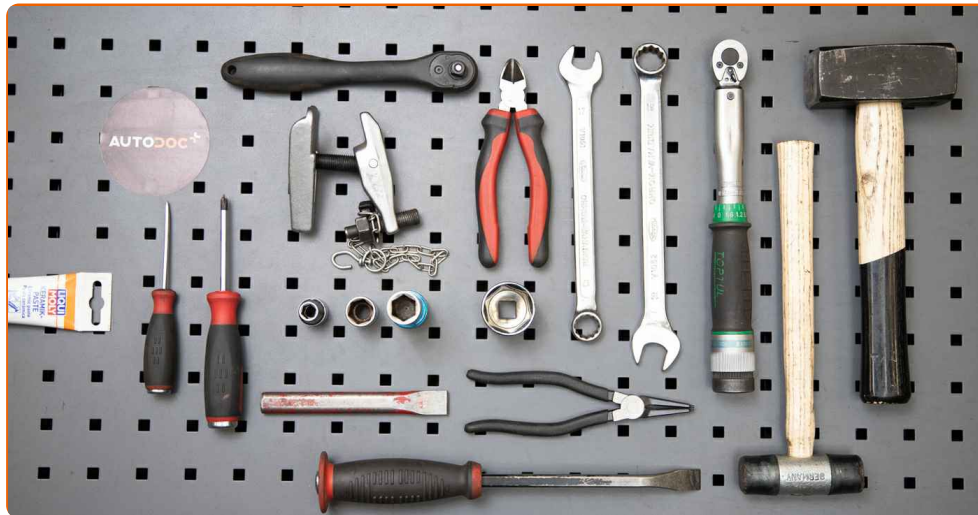
This replacement procedure can be used for:

HONDA CR-V I (RD) 2.0 (RD2), HONDA CR-V I (RD) 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: HONDA Jazz Hatchback (GD, GE3, GE2) 1.2 i-DSI (GD5, GE2)

REPLACEMENT: WHEEL BEARING – HONDA CR-V I (RD).
TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Combination spanner #17
- Combination spanner #19
- Drive socket # 10
- Drive socket # 17
- Drive socket # 32
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Bush and bearing driver set
- Phillips Screwdriver
- Flat Screwdriver
- Hammer
- Flat chisel
- Crow bar
- Rubber mallet
- Round-nose pliers
- Nippers
- Ball joint puller
- Wheel chock

[Buy tools](#)

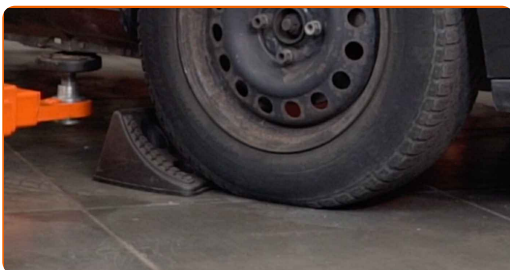
Replacement: wheel bearing – HONDA CR-V I (RD). AUTODOC experts recommend:

- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Do not re-use the bearing assembly of your HONDA CR-V I (RD) car.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – HONDA CR-V I (RD). RECOMMENDED SEQUENCE OF STEPS:

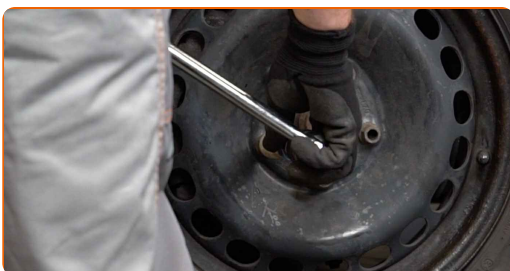
1

Secure the wheels with chocks.



2

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



3

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.



Replacement: wheel bearing – HONDA CR-V I (RD). AUTODOC experts recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5

Remove the wheel.



6

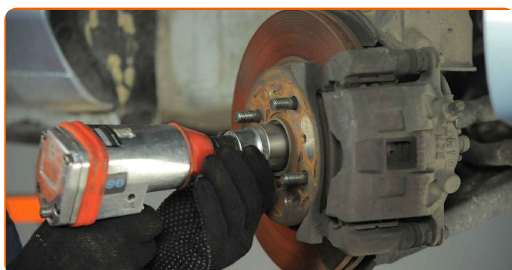
Unstake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.

7

Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.

8

Unscrew the wheel hub axle nut. Use a drive socket #32. Use a ratchet wrench.

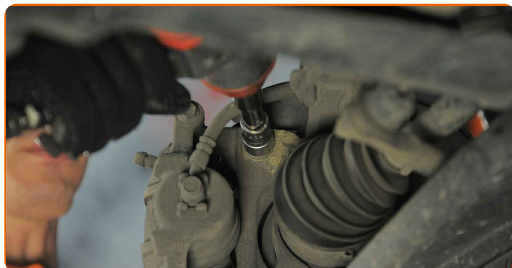


9

Remove the fastening nut.

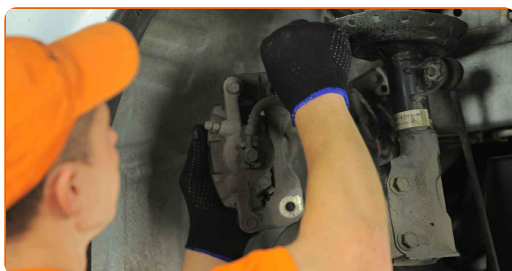
10 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

11 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench.



12 Remove the fastening bolts (2 pieces).

13 Remove the brake caliper together with its bracket.



AUTODOC recommends:

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

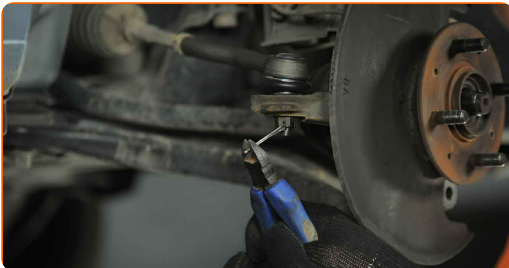
15 Unscrew the brake disc fastening. Use a Phillips screwdriver.



16 Remove the brake disc.

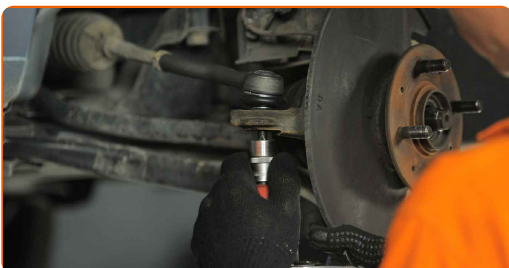


17 Remove the cotter pin. Use nippers.



18 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

19 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



20

Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

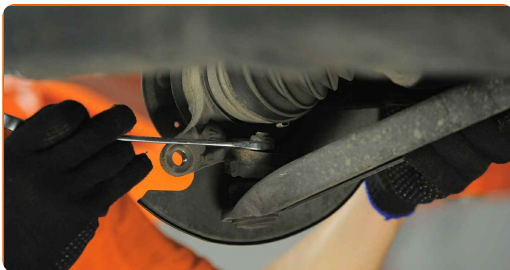


21

Clean the fastener that connects the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

22

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19.



23

Disconnect the lower arm from the steering knuckle. Use a crowbar. Use a rubber mallet.



24

Detach the driveshaft from the steering knuckle.



25.1

Remove the ABS sensor from the steering knuckle. Use a drive socket #10. Use a ratchet wrench.



25.2

Use round-nose pliers.



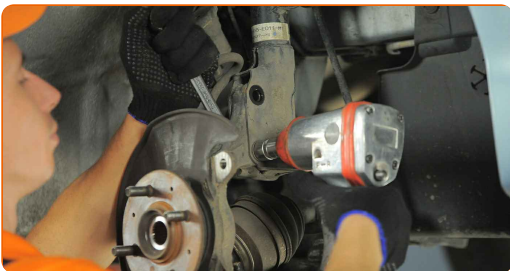
26

Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



27

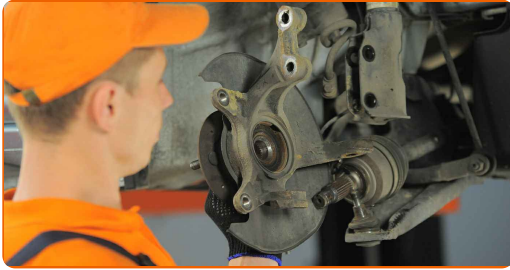
Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



28

Remove the fastening bolts.

29 Disconnect the steering knuckle from the shock absorber strut.



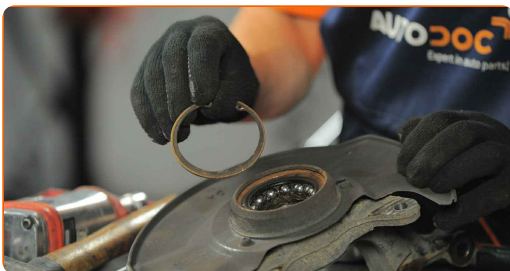
30 Remove the steering knuckle together with the hub.



31 Remove the wheel hub from the steering knuckle. Use a bush and bearing driver set. Use a hammer.



32 Remove the wheel hub bearing retaining ring. Use round-nose pliers. Use a flat screwdriver.



33

Press out the wheel hub bearing. Use a bush and bearing driver set.



34

Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



35

Press the new bearing in the steering knuckle. Use a bush and bearing driver set.



Replacement: wheel bearing – HONDA CR-V I (RD). Tip from AUTODOC:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

36

Install the retaining ring on the steering knuckle. Use round-nose pliers.



37

Install the wheel hub on the steering knuckle. Use a bush and bearing driver set.



38

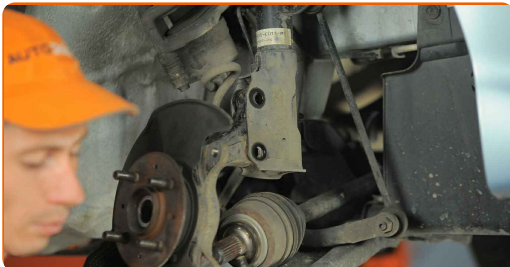
Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

39

Install the steering knuckle with a hub in assembly.

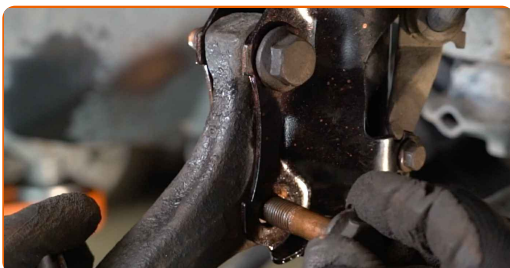
40

Fix the shock absorber strut on the steering knuckle.



41

Install the fastening bolts.



42 Treat the splines of the driveshaft CV joint. Use a wire brush. Use WD-40 spray.



43 Install the steering knuckle on the CV axle.



44 Connect the lower control arm to the steering knuckle. Use a crowbar.



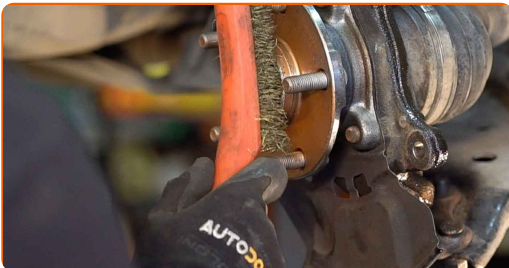
45 Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a torque wrench. Tighten it to 59 Nm torque.



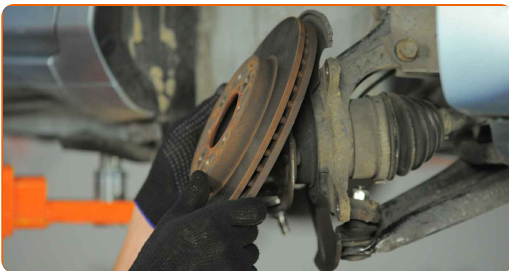
- 46** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 69 Nm torque.



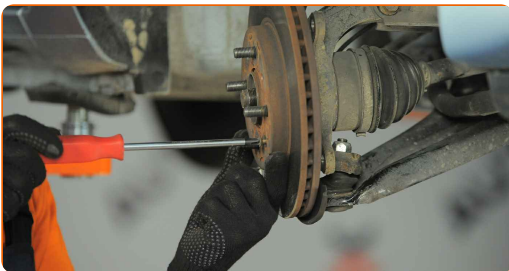
- 47** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



- 48** Install the brake disc.



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



- 50** Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.

51

Install the brake caliper together with its bracket.



52

Install the fastening bolts (2 pieces).

53

Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 108 Nm torque.



54

Install the fastening nut.

55

Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 181 Nm torque.

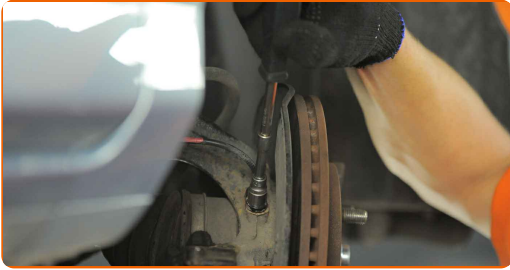


56

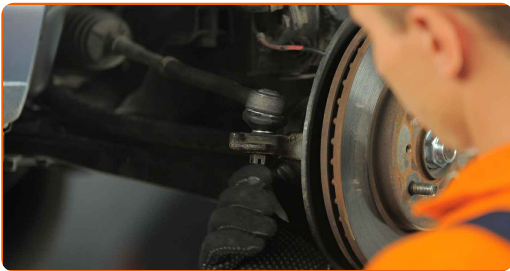
Restake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



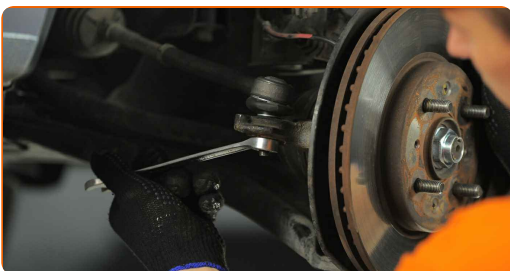
57 Install the ABS sensor on the steering knuckle and secure it. Use a drive socket #10. Use a ratchet wrench.



58 Connect the tie rod end to the steering knuckle.



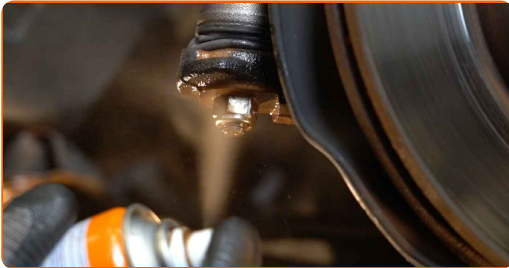
59 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 43 nm torque.



60 Install the cotter pin. Use nippers.



- 61 Treat the fastener connecting the tie rod end to the steering knuckle. Treat the fasteners of the ball joint. Treat the shock strut fasteners. Use copper grease.



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



- 63 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: wheel bearing – HONDA CR-V I (RD). After applying the spray, wait a few minutes.

64

Install the wheel.



Replacement: wheel bearing – HONDA CR-V I (RD). Tip:

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

65

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



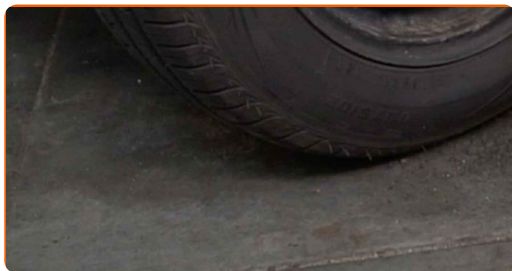
66

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.



67

Remove the jacks and chocks.



WELL DONE!

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



AUTODOC

GET IT ON
 **Google Play**

Download on the
 **App Store**

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

WHEEL BEARING: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.