



How to change rear
brake discs on **Honda**
Insight ZE2_ZE3 –
replacement guide

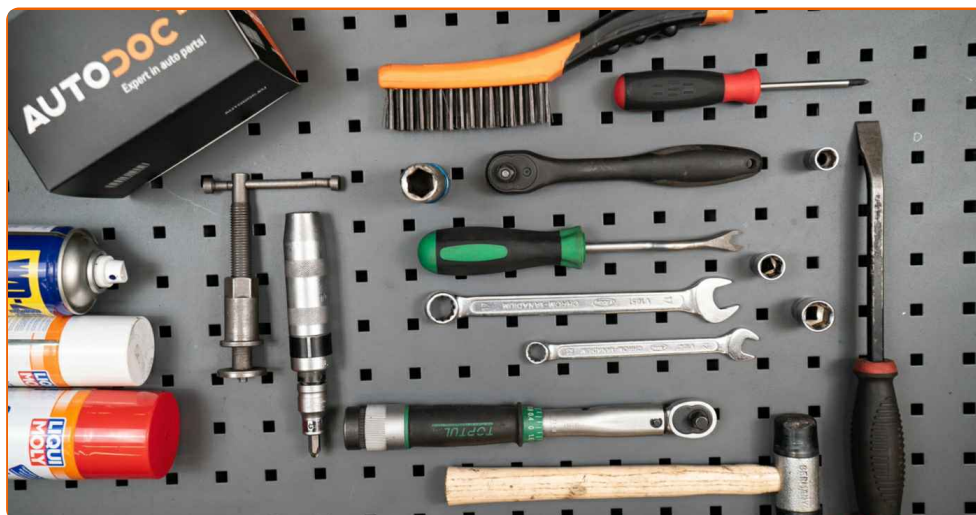
VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:
HONDA Jazz III Hatchback (GE_, GG_, GP_, ZA_) 1.3 HYBRID (GP1), HONDA INSIGHT (ZE_) 1.3 Hybrid (ZE28, ZE2)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – HONDA INSIGHT
ZE2_ZE3. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #12
- Combination spanner #17
- Drive socket # 12
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Phillips screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

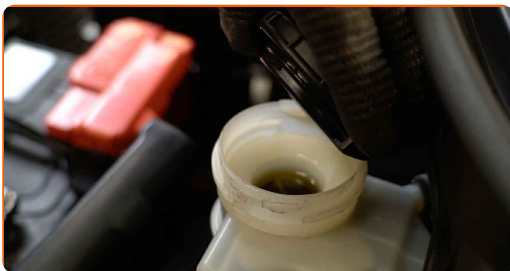
BUY TOOLS

Replacement: brake discs – Honda Insight ZE2_ZE3. AUTODOC recommends:

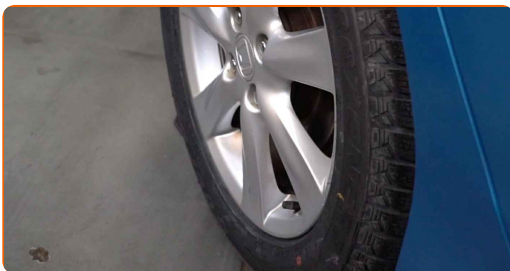
- Replace the brake discs on the car Honda Insight ZE2_ZE3 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Honda Insight ZE2_ZE3 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**1**

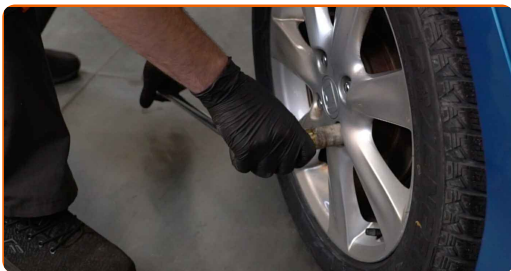
Open the bonnet. Unscrew the brake fluid reservoir cap.

**2**

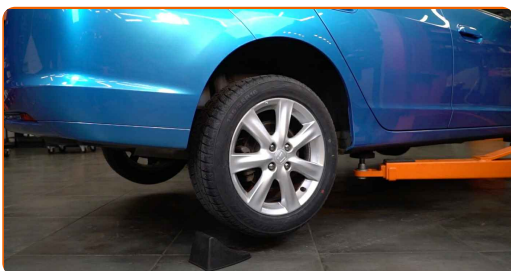
Secure the wheels with chocks.



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.
Honda Insight ZE2_ZE3

6 Remove the wheel.



7

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



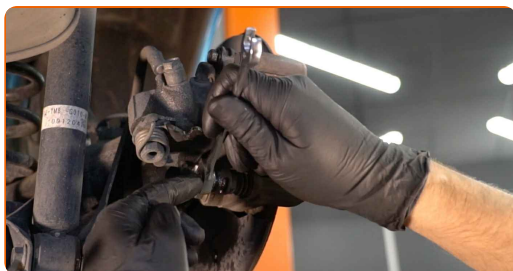
8

Detach the parking brake cable from the bracket on the brake caliper. Use a drive socket #17. Use a ratchet wrench. Use a crowbar.



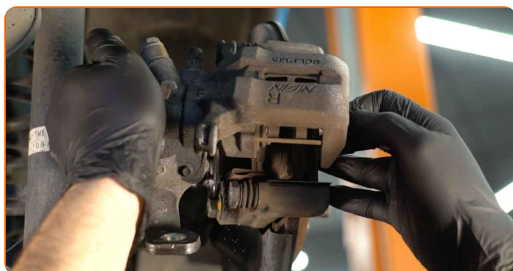
9

Unscrew the brake caliper fastening. Use a combination spanner #12. Use a combination spanner #17.



10

Remove the brake caliper.



Replacement: brake discs – Honda Insight ZE2_ZE3. 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.

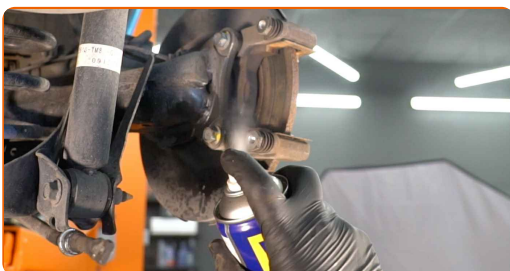
11

Remove the brake pads.

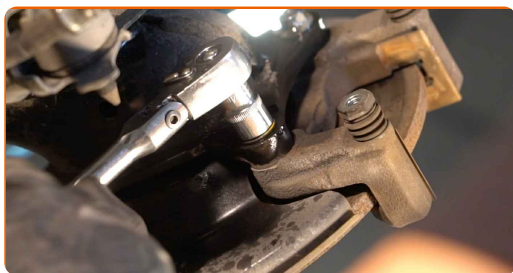


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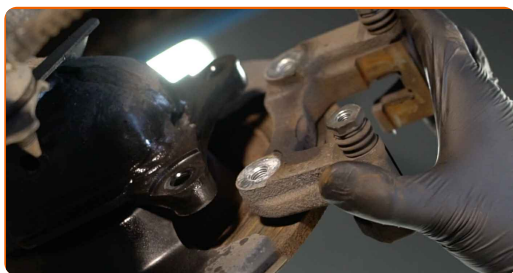
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



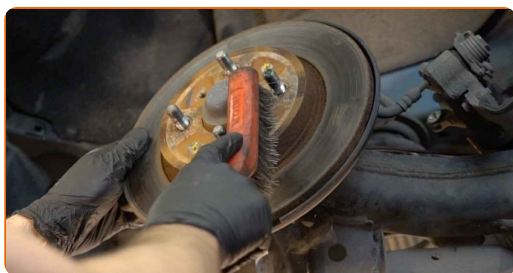
13 Unscrew the caliper bracket fastening. Use a drive socket #14. Use a ratchet wrench.



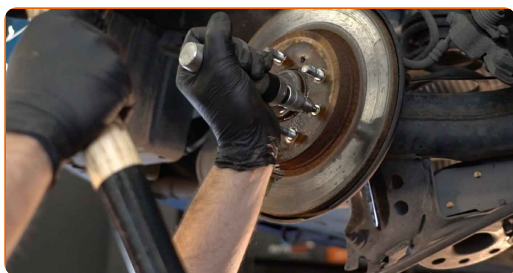
14 Remove the caliper bracket.



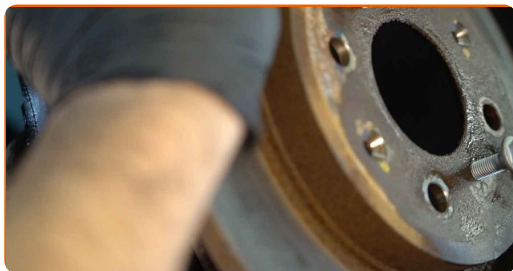
15 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



16 Unscrew the brake disc fastening. Use a Phillips screwdriver. Use an impact screwdriver.



17 Remove the brake disc.



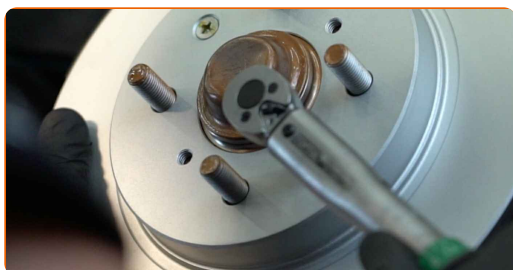
18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.



20 Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 9 Nm torque.



21

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



Replacement: brake discs – Honda Insight ZE2_ZE3. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

22

Install the brake caliper bracket.



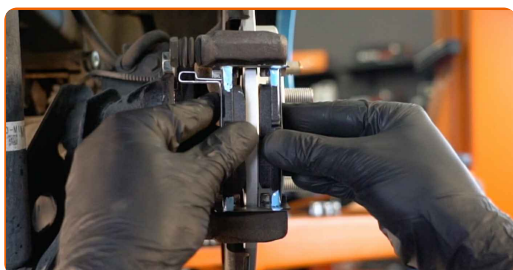
23

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



24

Install the brake pads.



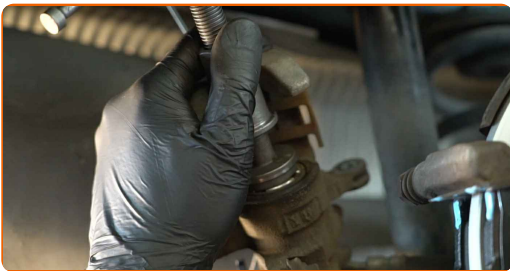
25 Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Honda Insight ZE2_ZE3. After applying the spray, wait a few minutes.

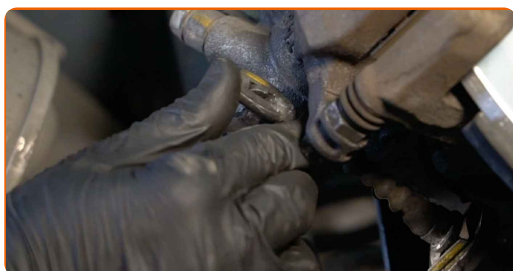
26 Press in the brake caliper piston. Use brake caliper wind back tool.



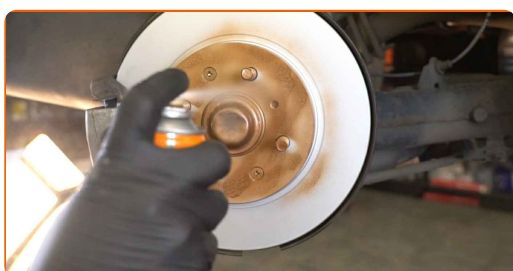
27 Install the brake caliper and fix it. Use a combination spanner #12. Use a combination spanner #17. Use a drive socket #12. Use a torque wrench. Tighten it to 23 Nm torque.



- 28** Install the parking brake cable into the brake caliper bracket. Use a rubber mallet. Use a drive socket #17. Use a ratchet wrench.



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



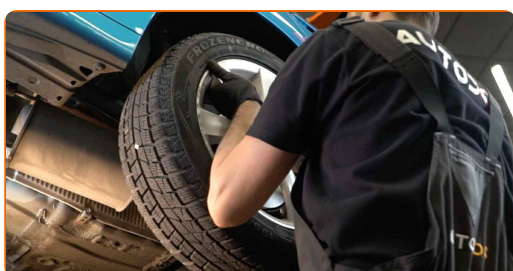
- 30** Clean the brake disc surface. Use a brake cleaner.



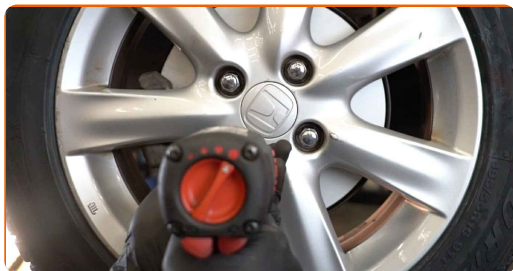
Replacement: brake discs – Honda Insight ZE2_ZE3. Tip:

- After applying the spray, wait a few minutes.

- 31** Install the wheel.



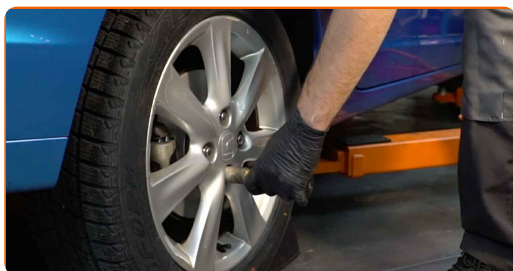
32 Screw in the wheel bolts. Use wheel impact socket #19.



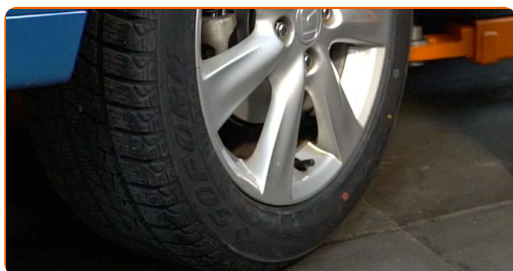
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Honda Insight ZE2_ZE3

33 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.



34 Remove the jacks and chocks.

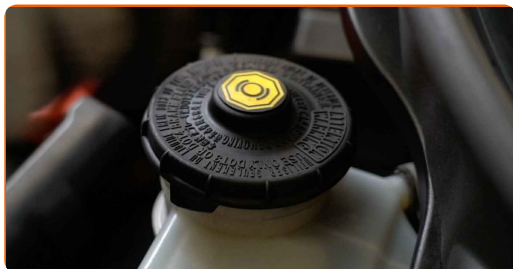


AUTODOC recommends:

- Important! Replacement: brake discs – Honda Insight ZE2_ZE3. Check the brake fluid level in the reservoir and top up if necessary.

35

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- Honda Insight ZE2_ZE3 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

36

Close the hood.

WELL DONE! 

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