



How to change front  
brake discs on **Honda**  
**Insight ZE2\_ZE3** –  
replacement guide

**VIDEO TUTORIAL**



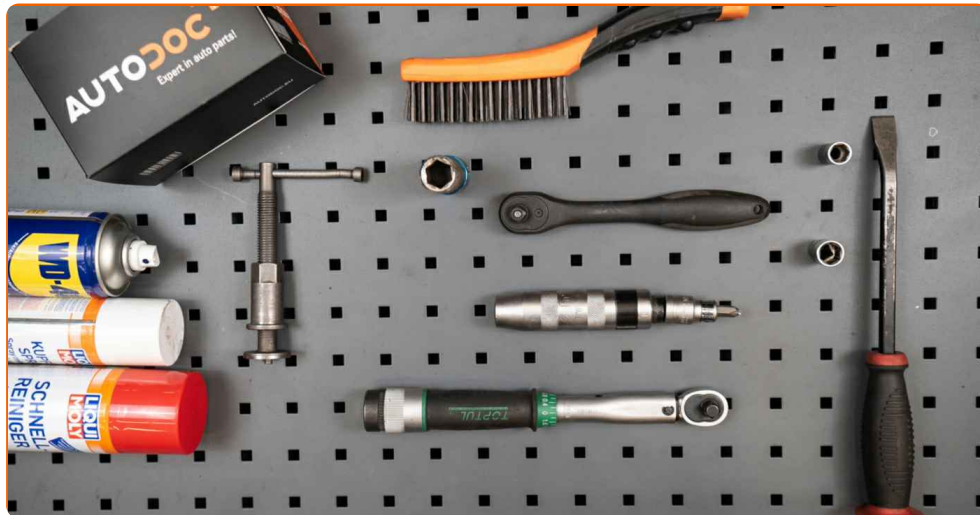
** Important!**

This replacement procedure can be used for:

HONDA CIVIC IV Hatchback (EC, ED, EE) 1.6 i 16V Vtec, HONDA CRX II (ED, EE) 1.6 i 16V Vtec, HONDA CRX III (EH, EG) 1.6 ESi, HONDA CRX III (EH, EG) 1.6 i VTi, HONDA CIVIC V Hatchback (EG) 1.6 16V Vtec, HONDA CIVIC V Hatchback (EG) 1.6 VTi 16V, HONDA CIVIC V Saloon (EG, EH) 1.6 16V Vtec, HONDA CIVIC V Saloon (EG, EH) 1.6 VTi, HONDA CIVIC VI Fastback (MA, MB) 1.6 i, HONDA CIVIC VI Fastback (MA, MB) 1.6 i Vtec, HONDA CIVIC VI Fastback (MA, MB) 1.5 i Vtec-E, HONDA CIVIC VI Fastback (MA, MB) 1.4 i, HONDA CIVIC V Coupe (EJ) 1.6 i Vtec, HONDA CIVIC VI Hatchback (EJ, EK) 1.4 i, HONDA CIVIC VI Hatchback (EJ, EK) 1.4 i S, (+ 62)

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
- Drive socket # 12
- Drive socket # 19
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Phillips screwdriver
- Tap wrench
- Crow bar
- Wheel chock

**BUY TOOLS**

Replacement: brake discs – Honda Insight ZE2\_ZE3. Professionals recommend:

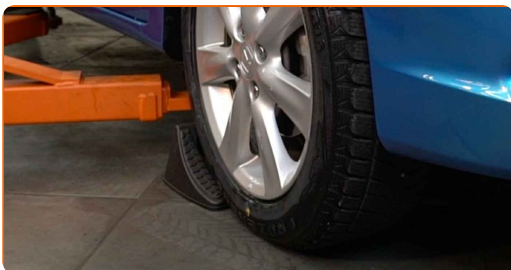
- Replace the brake disks on the car Honda Insight ZE2\_ZE3 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE DISCS – HONDA INSIGHT ZE2\_ZE3. 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.



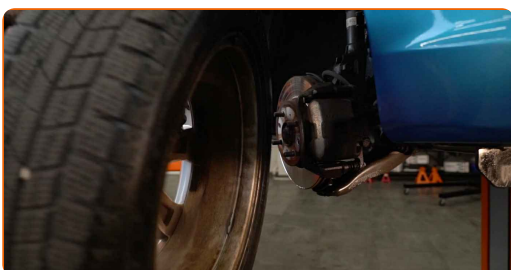
**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Honda Insight ZE2\_ZE3

**6** Remove the wheel.



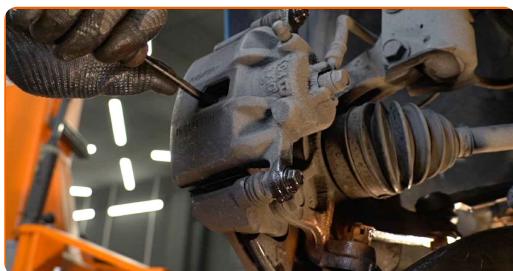
7

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



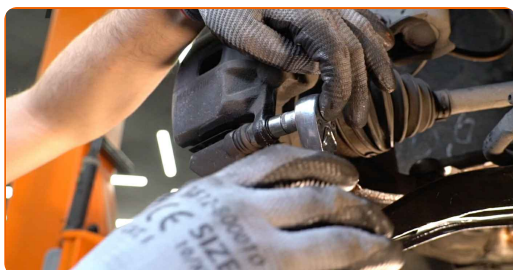
8

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 discs – Honda Insight ZE2\_ZE3. 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.

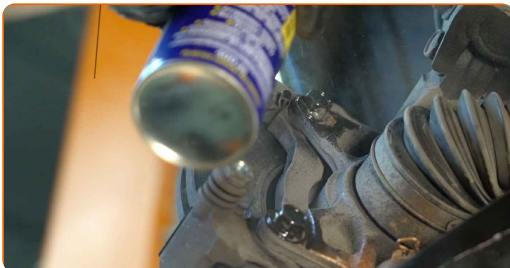
11

Remove the brake pads. Use a crowbar.

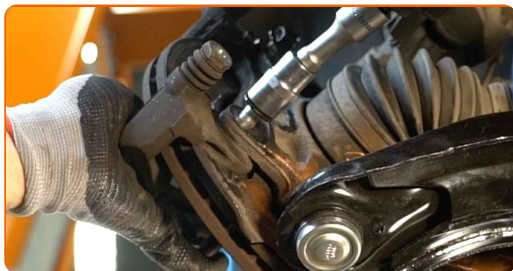


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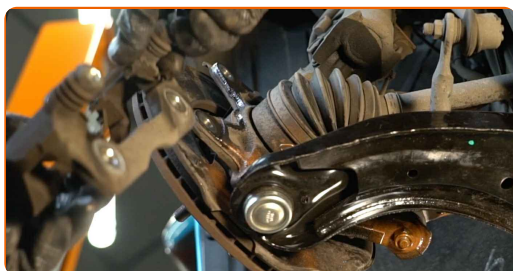
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



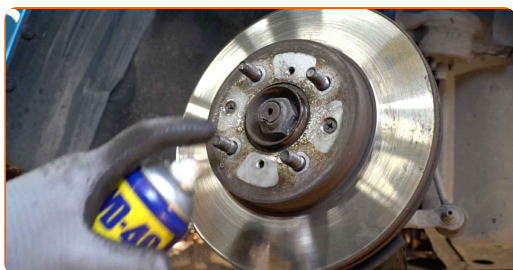
**13** Unscrew the caliper bracket fastening. Use a drive socket #19. Use a tap wrench. Use a ratchet wrench.



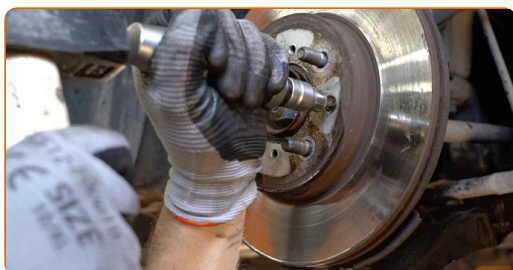
**14** Remove the caliper bracket.



**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.



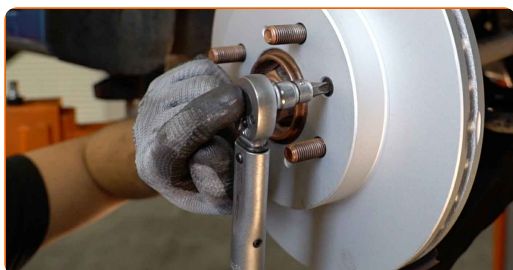
**18** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**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. Tip:

- After applying the spray, wait a few minutes.

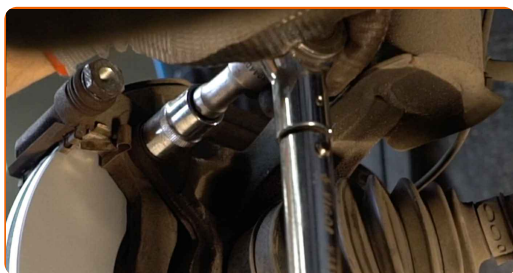
22

Install the brake caliper bracket.



23

Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 108 Nm torque.



24

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.

**25**

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



**26**

Install the brake pads.



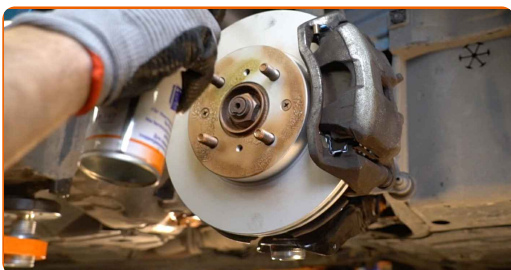
**27**

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



**28**

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



29

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – Honda Insight ZE2\_ZE3. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

30

Install the wheel.

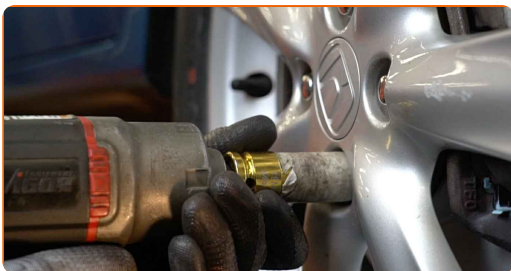


Replacement: brake discs – Honda Insight ZE2\_ZE3. Tip:

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

31

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



- 32** 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.



- 33** Remove the jacks and chocks.



Replacement: brake discs – Honda Insight ZE2\_ZE3. Tip from AUTODOC experts:

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

- 34** 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.

**35**

Close the hood.

**WELL DONE!** **VIEW MORE TUTORIALS**

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