



How to change front  
brake discs on **HONDA  
CIVIC VII Coupe (EM2)** –  
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 VII Coupe (EM2) 1.6 i, HONDA CIVIC VII Coupe (EM2) 1.7 i, HONDA CIVIC VII Coupe (EM2) 1.7 i VTEC

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 CR-V II (RD\_) 2.2 CTDi (RD9)

REPLACEMENT: BRAKE DISCS – HONDA CIVIC VII  
COUPE (EM2). LIST OF THE TOOLS YOU'LL NEED:



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

**Buy tools**

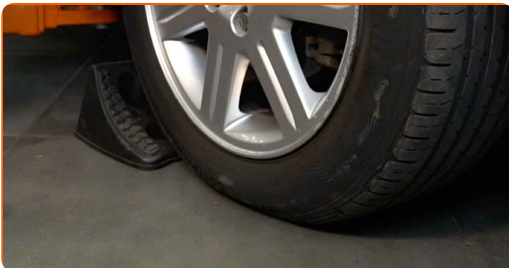
**AUTODOC recommends:**

- Replace the brake disks on the car HONDA CIVIC VII Coupe (EM2) 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 CIVIC VII Coupe (EM2) – should be done with the engine switched off.

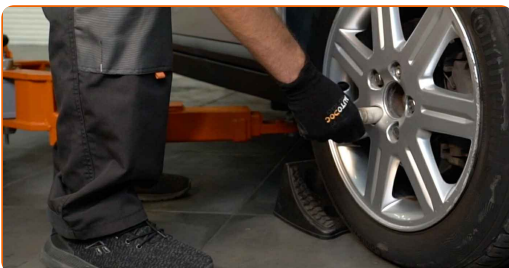
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**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 front of the car and secure on supports.

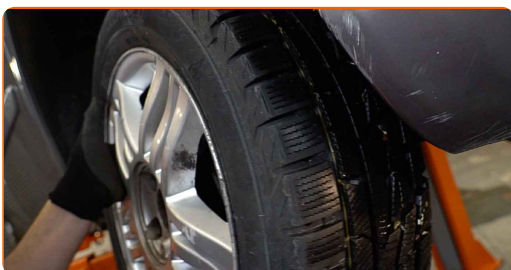
**5** Unscrew the wheel bolts.



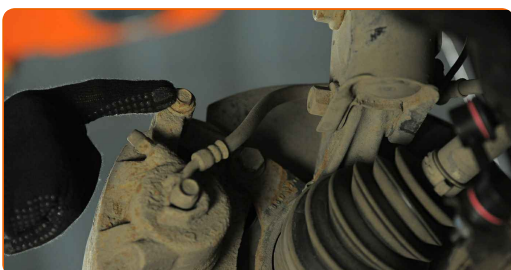
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
HONDA CIVIC VII Coupe (EM2)

**6** Remove the wheel.



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

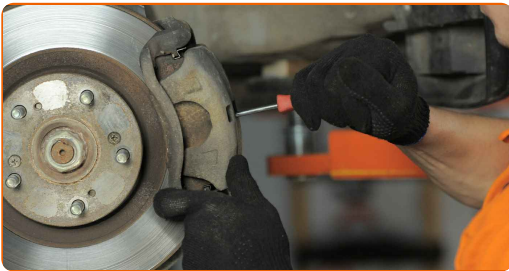


**8**

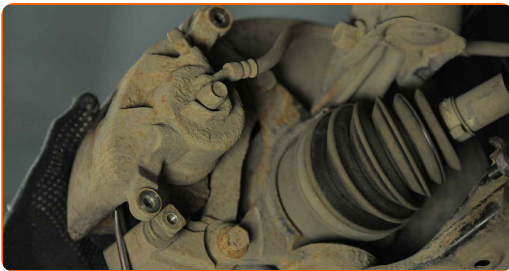
Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.

**9**

Spread the brake pads. Use a crowbar.

**10**

Remove the brake caliper.



Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). Tip:

- 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.

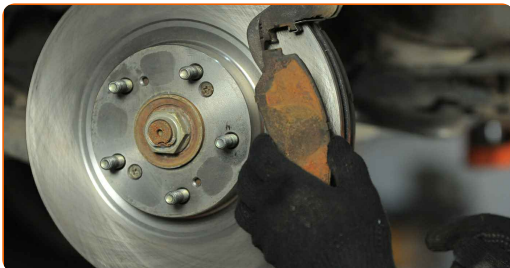
11

Remove the retaining springs of the brake pads.

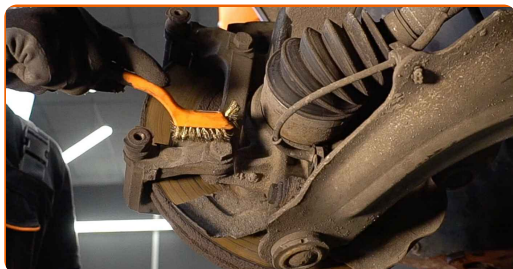


12

Remove the brake pads. Use a crowbar.



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



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



**15** Remove the caliper bracket.



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





**17**

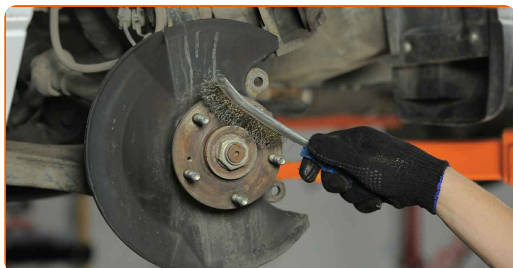
Unscrew the brake disc fastening. Use an impact screwdriver. Use a hammer.

**18**

Remove the brake disc.

**19**

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

**20**

Install the brake disc.



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



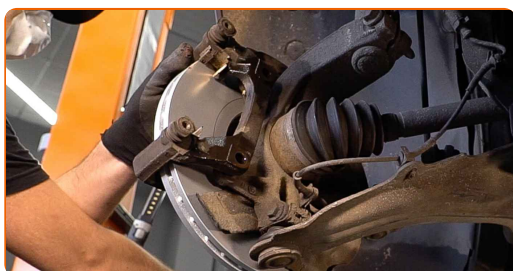
**22** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



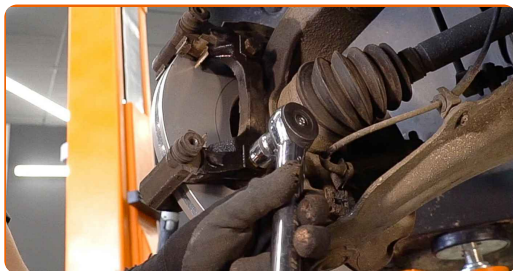
**AUTODOC recommends:**

- Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). After applying the spray, wait a few minutes.

**23** Install the brake caliper bracket.



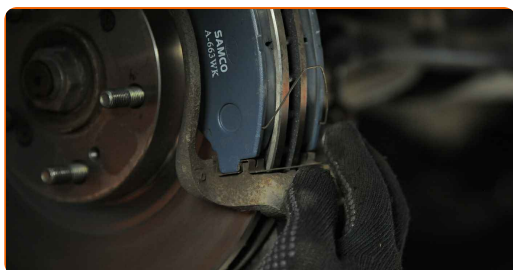
**24** Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 108 Nm torque.



**25** Install the brake pads.



**26** Install the retaining springs of the brake pads.



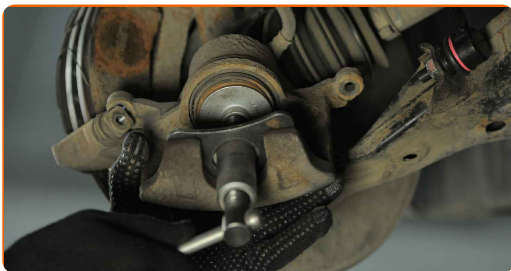
**27** Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

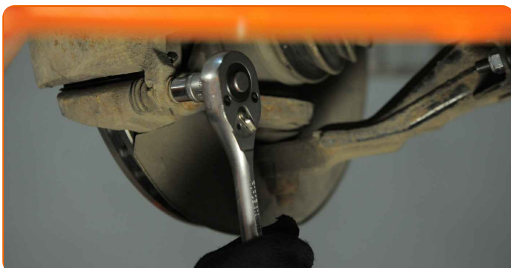
**28** Press in the brake caliper piston. Use brake caliper wind back tool.



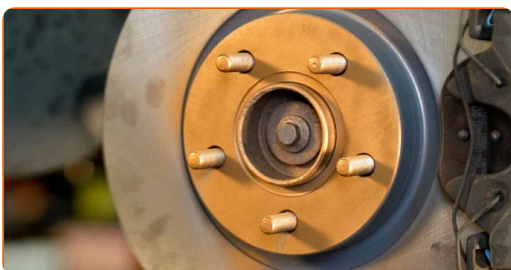
**29.1** Install the brake caliper and fix it.



**29.2** Use a drive socket #12. Use a torque wrench. Tighten it to 34 Nm torque.

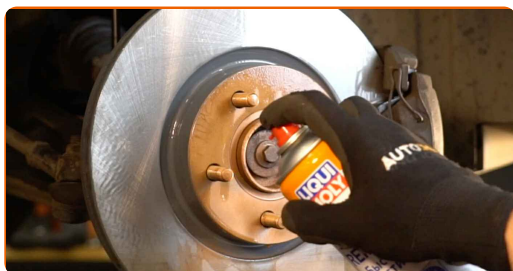


**30** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



31

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). After applying the spray, wait a few minutes.

32

Install the wheel.

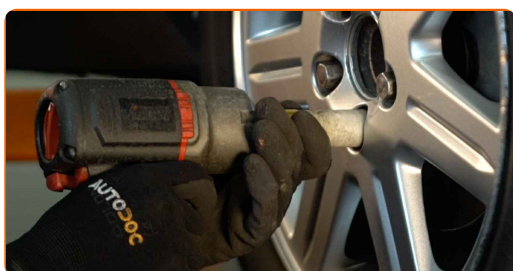


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. HONDA CIVIC VII Coupe (EM2)

33

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



- 34** 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.



- 35** Remove the jacks and chocks.



Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). AUTODOC experts recommend:

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

- 36** Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – HONDA CIVIC VII Coupe (EM2). Tip from AUTODOC experts:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

**WELL DONE!** 

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