



How to change front  
brake caliper on **FORD**  
**Focus C-Max (DM2)** –  
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:

FORD Focus C-Max (DM2) 2.0 TDCi, FORD Focus C-Max (DM2) 1.8, FORD Focus C-Max (DM2) 1.6 TDCi, FORD Focus C-Max (DM2) 1.6, FORD Focus C-Max (DM2) 2.0, FORD Focus C-Max (DM2) 1.6 Ti, FORD Focus C-Max (DM2) 1.8 TDCi, FORD Focus C-Max (DM2) 1.8 Flexifuel

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: FORD MONDEO III Estate (BWY) 1.8 16V

**REPLACEMENT: BRAKE CALIPER – FORD FOCUS C-MAX (DM2). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Brake caliper guide pins grease
- Combination spanner #9
- Flare nut spanner №14
- HEX bit no.H7.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Brake hose clip
- Flat Screwdriver
- Crow bar
- Brake bleeder kit
- Wheel chock

**Buy tools**

Replacement: brake caliper – FORD Focus C-Max (DM2). Professionals recommend:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

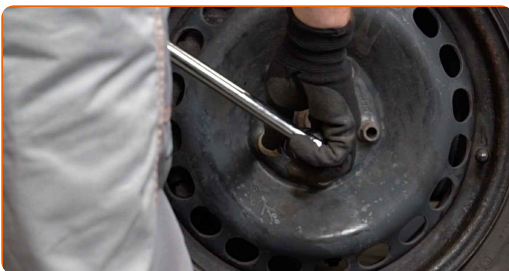
## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.

**2** Secure the wheels with chocks.

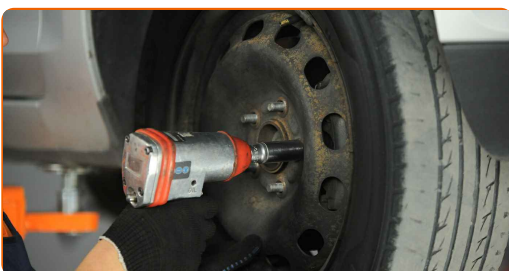


**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**4** Raise the front of the car and secure on supports.

**5** Unscrew the wheel bolts.

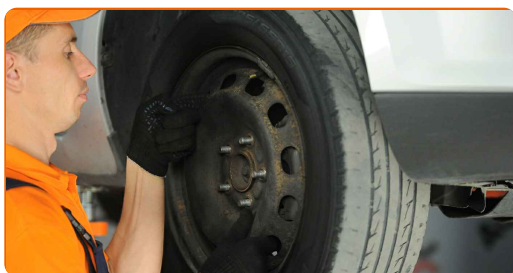


**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD Focus C-Max (DM2)

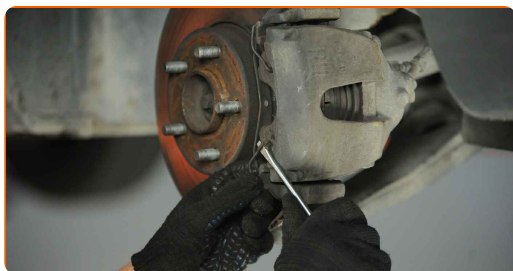
**6**

Remove the wheel.



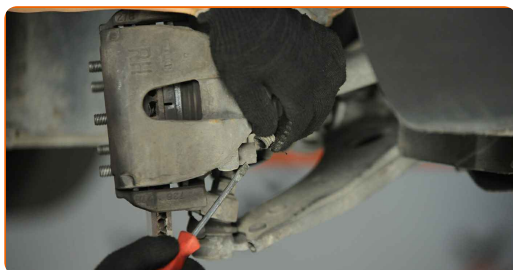
**7**

Detach the brake caliper retaining spring. Use a flat screwdriver.



**8**

Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



**9**

Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a brake cleaner.



Replacement: brake caliper – FORD Focus C-Max (DM2). AUTODOC recommends:

- After applying the spray, wait a few minutes.

10

Clamp the brake hose off using a brake hose clamp.



11

Loosen the brake hose fastening. Use a flare nut spanner #14.



12

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

13

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



14

Remove the guide pins from the brake caliper.

**15**

Spread the brake pads. Use a crowbar.



**16**

Remove the brake caliper.



**Replacement: brake caliper – FORD Focus C-Max (DM2). Tip from AUTODOC experts:**

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.
- 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.



**17** Remove the brake pads.



**18** Unscrew the brake hose from the brake caliper. Use a flare nut spanner #14.



**19** Disconnect the brake hose.



**20** Treat the brake hose. Use a brake cleaner.



**AUTODOC recommends:**

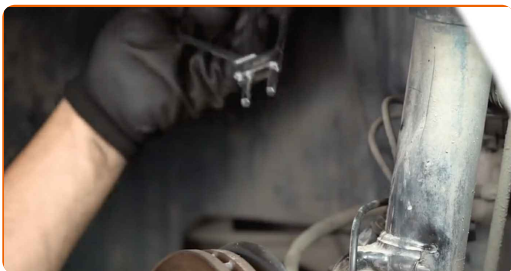
- Replacement: brake caliper – FORD Focus C-Max (DM2). After applying the spray, wait a few minutes.



**21** Install and fix the brake hose into a new caliper. Use a flare nut spanner #14.



**22** Remove the brake hose clamp.



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

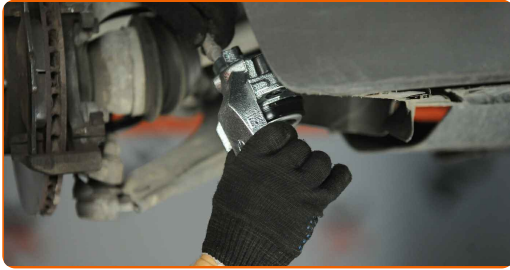
**24** Install the brake pads.



Replacement: brake caliper – FORD Focus C-Max (DM2). AUTODOC experts recommend:

- If going to use the old brake pads, clean them.

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



**26** Clean the brake caliper guide pins.



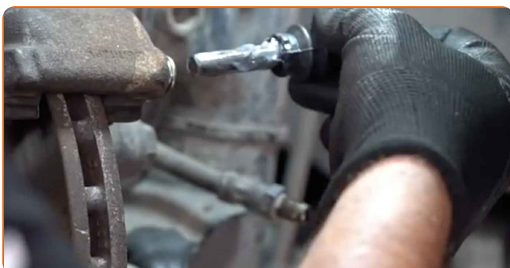
**27** Treat the brake caliper guide pins. Use the brake caliper guide pin grease.



**Replacement: brake caliper – FORD Focus C-Max (DM2). Tip from AUTODOC:**

- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

**28** Screw in the guide pins.



**29** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



**30** Install the dust boot caps of the brake caliper guide pins.



**31** Clean the brake caliper surface.

**32** Tighten the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



**33** Connect the brake bleeder kit to the brake bleeder screw.



**34** Undo the brake bleeder screw. Use a combination spanner #9.



**35** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



**36** Tighten the brake caliper bleed screw. Use a combination spanner #9. Use a torque wrench. Tighten it to 9 Nm torque.



**37** Disconnect the brake bleeder kit.

**38** Clean dirt from the brake hose bolt. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – FORD Focus C-Max (DM2). After applying the spray, wait a few minutes.

**39**

Install the brake caliper retaining spring.



**40**

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



**41**

Clean the brake disk surface. Use a brake cleaner.



**Replacement: brake caliper – FORD Focus C-Max (DM2). Tip:**

- After applying the spray, wait a few minutes.

**42** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FORD Focus C-Max (DM2)

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



**44** 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 120 nm torque.



**45**

Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake caliper – FORD Focus C-Max (DM2). Check the brake fluid level in the reservoir and top up if necessary.

**46**

Tighten the brake fluid reservoir cap. Close the hood.

**Replacement: brake caliper – FORD Focus C-Max (DM2). AUTODOC recommends:**

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

**WELL DONE!** 

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