



How to change front
brake discs on **FORD B-
MAX (JK)** – 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 B-MAX (JK) 1.0 EcoBoost, FORD B-MAX (JK) 1.6 Ti, FORD B-MAX (JK) 1.6 TDCi,
FORD B-MAX (JK) 1.4, FORD B-MAX (JK) 1.5 TDCi, FORD B-MAX (JK) 1.4 LPG

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 Fiesta Mk6 Hatchback (JA8, JR8) 1.6 TDCi

**REPLACEMENT: BRAKE DISCS – FORD B-MAX (JK).
TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #12
- Drive socket # 12
- Drive socket # 15
- Wheel impact socket #19
- Torque wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – FORD B-MAX (JK). Tip from AUTODOC:

- Replace the brake disks on the car FORD B-MAX (JK) 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 – FORD B-MAX (JK) – 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.

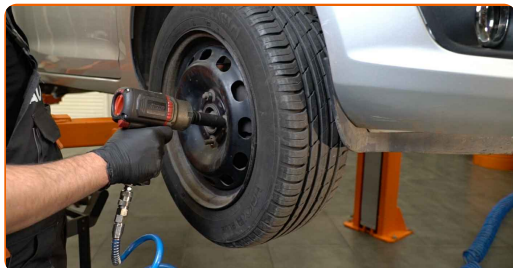


3 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

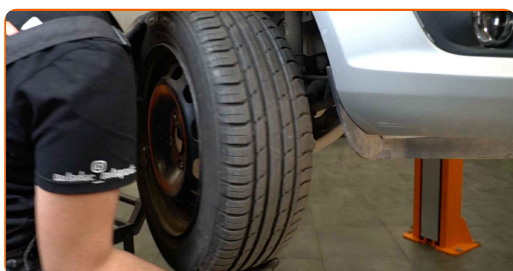
5 Unscrew the wheel bolts.



Replacement: brake discs – FORD B-MAX (JK). AUTODOC recommends:

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

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 combination spanner #12.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.

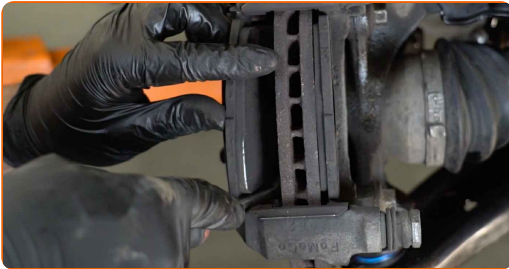


Replacement: brake discs – FORD B-MAX (JK). Professionals recommend:

- 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.

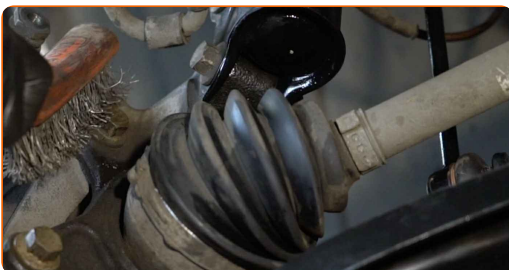
11

Remove the brake pads. Use a crowbar.



12

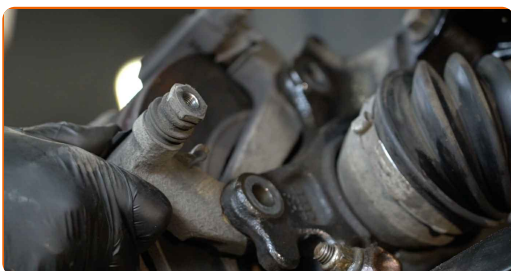
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



13 Unscrew the caliper bracket fastening. Use a drive socket #15. Use a tap wrench.



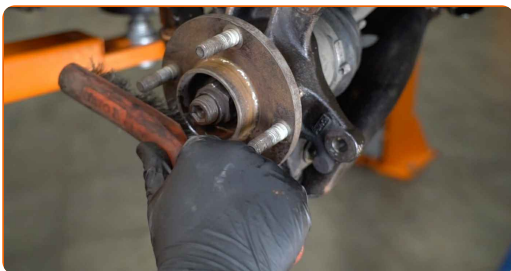
14 Remove the caliper bracket.



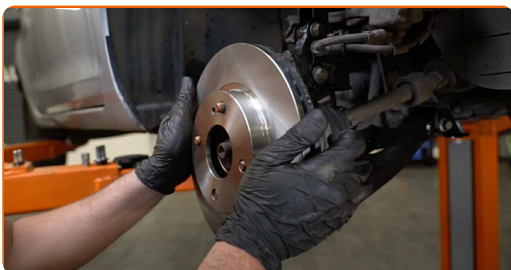
15 Remove the brake disc.



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



17 Install the brake disc.



18

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



AUTODOC recommends:

- Replacement: brake discs – FORD B-MAX (JK). After applying the spray, wait a few minutes.

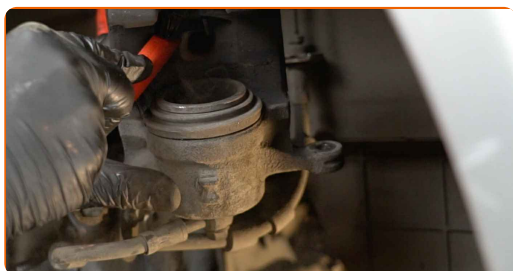
19

Install the brake caliper bracket. Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 70 Nm torque.



20

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



Replacement: brake discs – FORD B-MAX (JK). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

21

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



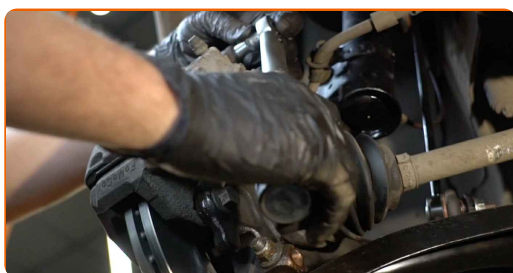
22

Install the brake pads.



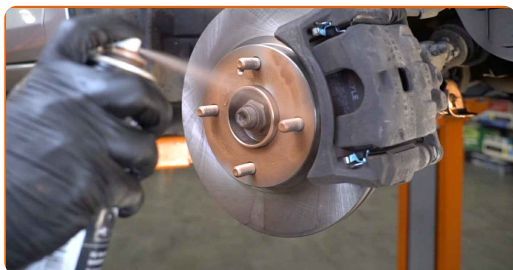
23

Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 26 Nm torque.



24

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



25

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – FORD B-MAX (JK). Tip:

- After applying the spray, wait a few minutes.

26

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. FORD B-MAX (JK)

27

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



- 28** 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 110 Nm torque.



- 29** Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – FORD B-MAX (JK). Check the brake fluid level in the reservoir and top up if necessary.

- 30** Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- FORD B-MAX (JK) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

31

Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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