



How to change front
brake pads 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 PADS – FORD B-MAX (JK).
TOOLS YOU NEED:



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

Buy tools

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

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

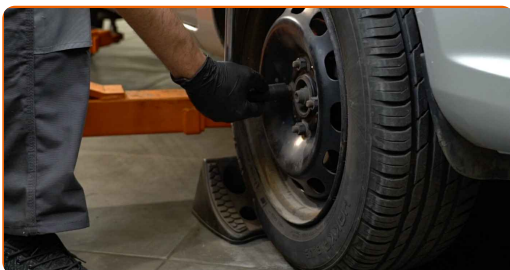
REPLACEMENT: BRAKE PADS – FORD B-MAX (JK). RECOMMENDED SEQUENCE OF STEPS:

1 Open the hood. 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.

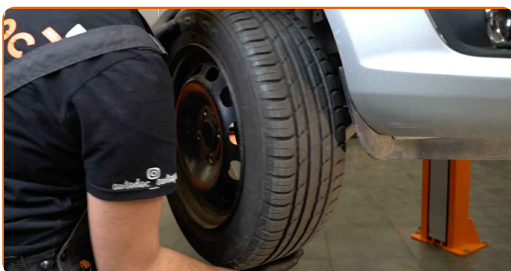
5 Unscrew the wheel bolts.



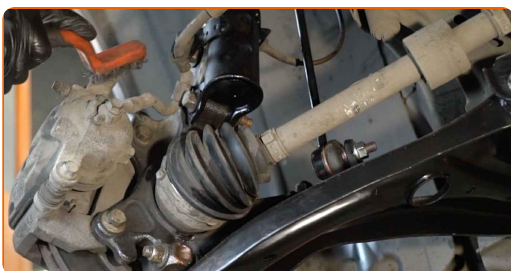
Replacement: brake pads – FORD B-MAX (JK). Tip:

- 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.



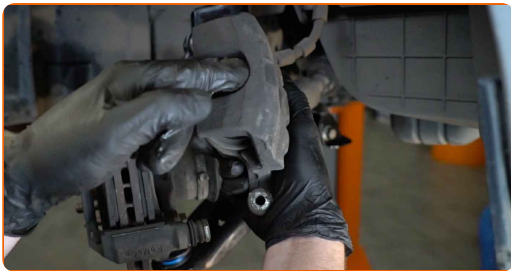
9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



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

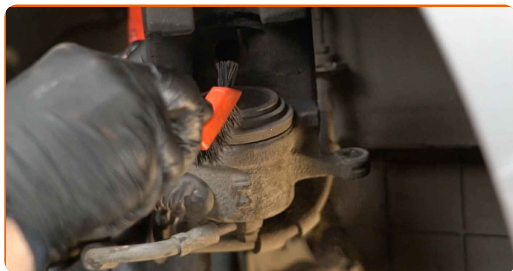


Replacement: brake pads – FORD B-MAX (JK). AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

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



AUTODOC recommends:

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

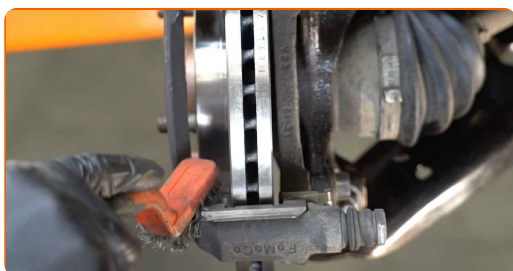
13

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



14

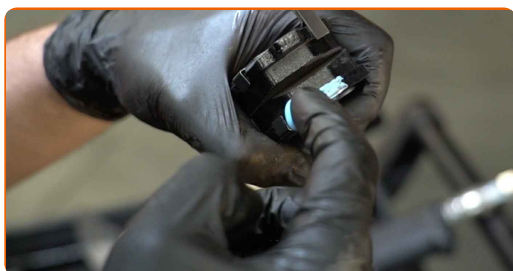
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



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

- After applying the spray, wait a few minutes.

- 15** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

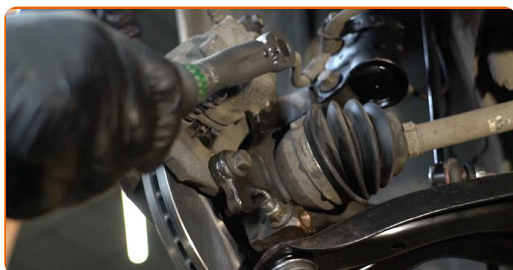
- 16** Install new brake pads.



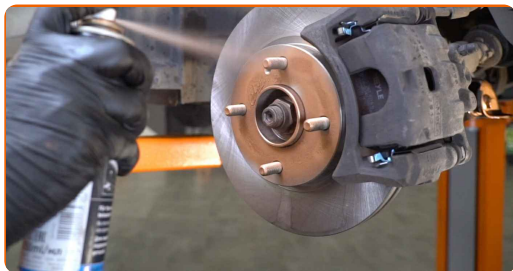
Replacement: brake pads – FORD B-MAX (JK). Tip:

- Make sure the pads are installed with linings facing the disc.

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



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



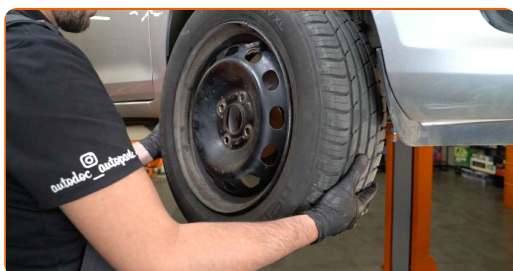
19 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

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

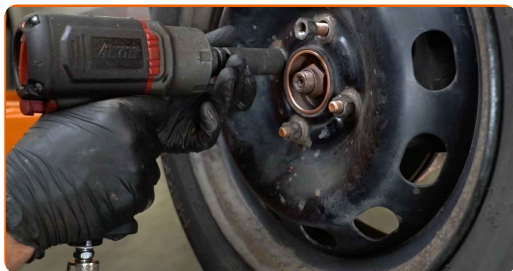
20 Install the wheel.



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

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

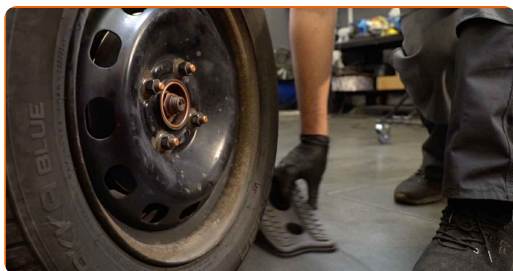
21 Screw in the wheel bolts. Use wheel impact socket #19.



22 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.



23 Remove the jacks and chocks.

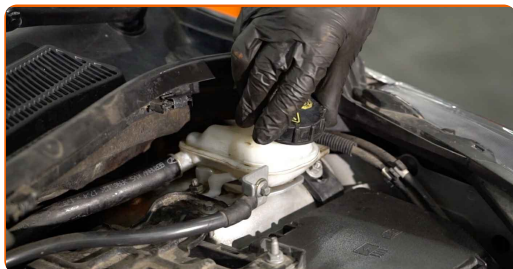


Replacement: brake pads – FORD B-MAX (JK). Tip from AUTODOC:

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

24

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- FORD B-MAX (JK) – Without starting the engine, press the brake pedal several times until it feels firm.

25

Close the hood.

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

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

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