



How to change front  
brake pads on **Ford**  
**Fiesta V JH JD** –  
replacement guide

## VIDEO TUTORIAL

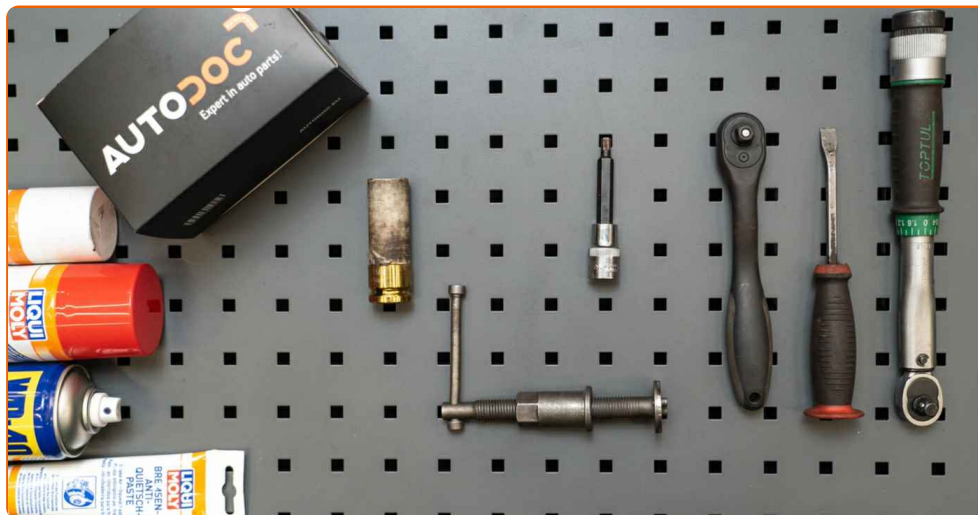
** Important!**

This replacement procedure can be used for:

FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.3 i, FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.25 i 16V, FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.8 D, FORD Fiesta Mk4 (J3S, J5S) 1.3, FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.4 i 16V, FORD PUMA (EC\_) 1.7 16V, FORD PUMA (EC\_) 1.4 16V, FORD Fiesta Mk4 Van (JVS) D 1.8, FORD PUMA (EC\_) 1.7 ST 160, FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.6 16V Sport, FORD Fiesta Mk4 Hatchback (JAS, JBS) 1.8 DI, FORD PUMA (EC\_) 1.6 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.3, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 16V, (+ 17)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – FORD FIESTA V JH JD.  
 TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit No.H7.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**BUY TOOLS**

Replacement: brake pads – Ford Fiesta V JH JD. Tip from AUTODOC:

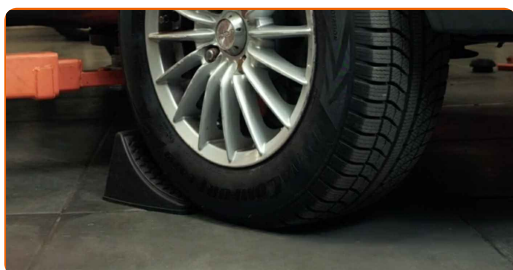
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Warning! Shut down the engine before starting any work – Ford Fiesta V JH JD.

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

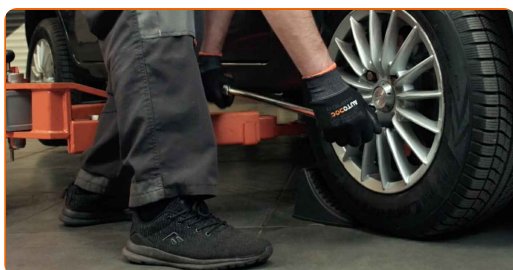
**1** Open the hood. Unscrew the brake fluid reservoir cap.



**2** Secure the wheels with chocks.



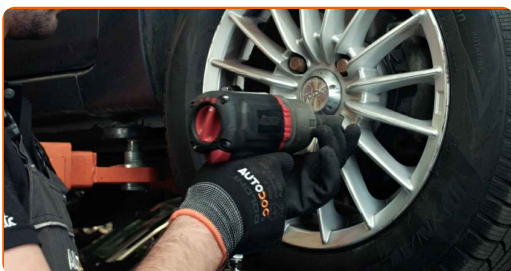
**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



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



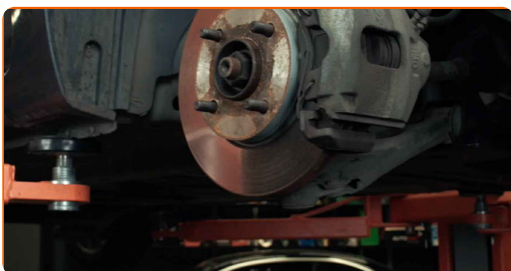
**5** Unscrew the wheel bolts.



Replacement: brake pads – Ford Fiesta V JH JD. AUTODOC recommends:

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

**6** Remove the wheel.



**7** Spread the brake pads. Use a crowbar.



8

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



9

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



10

Detach the brake caliper retaining spring. Use a crowbar.



11

Remove the brake caliper.



Replacement: brake pads – Ford Fiesta V JH JD. 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.

12

Remove the brake pads.



Replacement: brake pads – Ford Fiesta V JH JD. Tip from AUTODOC:

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

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



**AUTODOC recommends:**

- Replacement: brake pads – Ford Fiesta V JH JD. After applying the spray, wait a few minutes.

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



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



**Replacement: brake pads – Ford Fiesta V JH JD. Professionals recommend:**

- After applying the spray, wait a few minutes.



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



**Replacement: brake pads – Ford Fiesta V JH JD. AUTODOC recommends:**

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

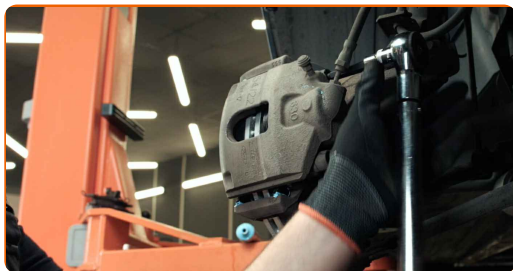
- 17** Install new brake pads.



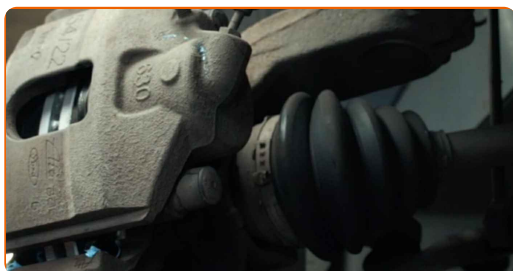
**Replacement: brake pads – Ford Fiesta V JH JD. Tip from AUTODOC experts:**

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

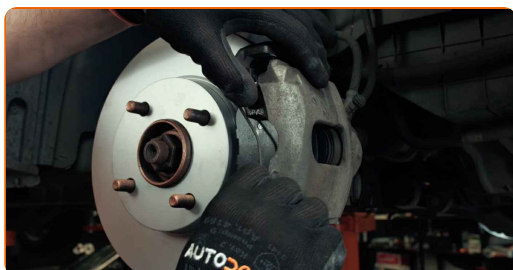
**18** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



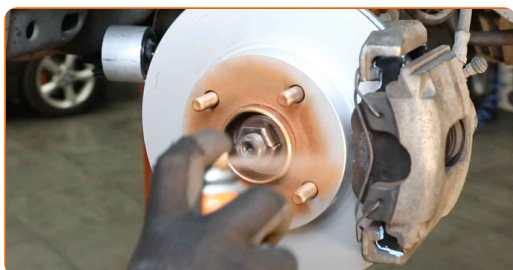
**19** Install the dust boot caps of the brake caliper guide pins.



**20** Install the brake caliper retaining spring.



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



**22** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – Ford Fiesta V JH JD. After applying the spray, wait a few minutes.

**23**

Install the wheel.

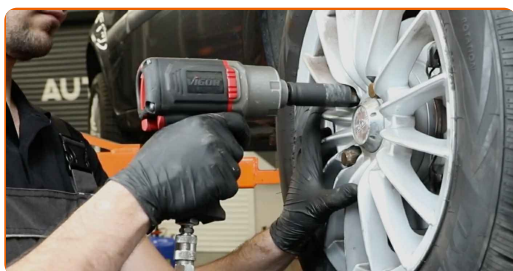


**Replacement: brake pads – Ford Fiesta V JH JD. Tip from AUTODOC experts:**

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

**24**

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



**25**

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 95 Nm torque.



**AUTODOC recommends:**

- Important! Replacement: brake pads – Ford Fiesta V JH JD. Check the brake fluid level in the reservoir and top up if necessary.

**26**

Tighten the brake fluid reservoir cap.



**AUTODOC recommends:**

- Ford Fiesta V JH JD – Without starting the engine, press the brake pedal several times until it feels firm.

**27**

Close the hood.

**28**

Remove the jacks and chocks.



Replacement: brake pads – Ford Fiesta V JH JD. Professionals 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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