



How to change front  
brake discs on **FORD**  
**MONDEO III (B5Y)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **Important!**

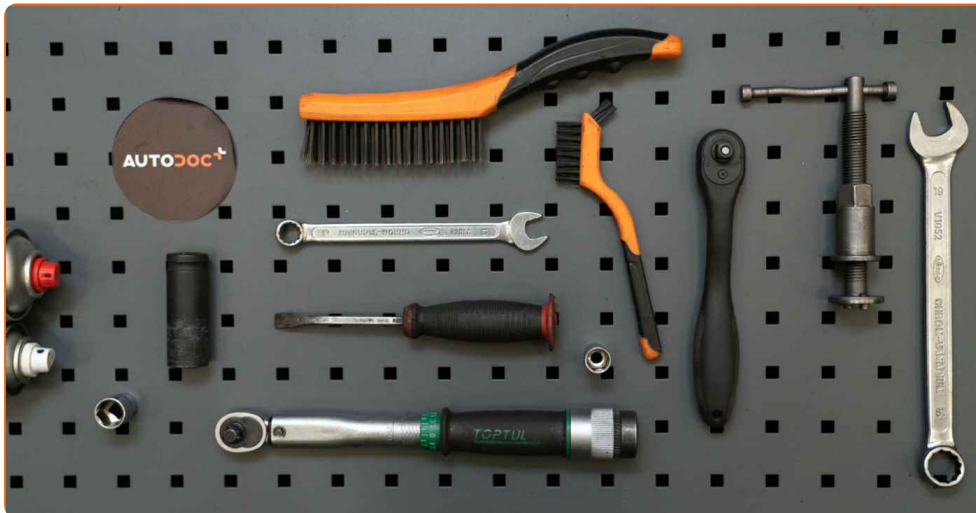
This replacement procedure can be used for:

FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III (B5Y) 2.5 V6 24V, FORD MONDEO III (B5Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 16V TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 TDCi, FORD MONDEO III (B5Y) ST220, FORD MONDEO III (B5Y) 1.8 SCi, FORD MONDEO III (B5Y) 2.2 TDCi, FORD MONDEO III (B5Y) 3.0 V6 24V

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 Saloon (B4Y) 2.0 16V

**REPLACEMENT: BRAKE DISCS – FORD MONDEO III (B5Y). TOOLS YOU NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 13
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the brake disks on the car FORD MONDEO III (B5Y) 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 MONDEO III (B5Y) – should be done with the engine switched off.

**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.

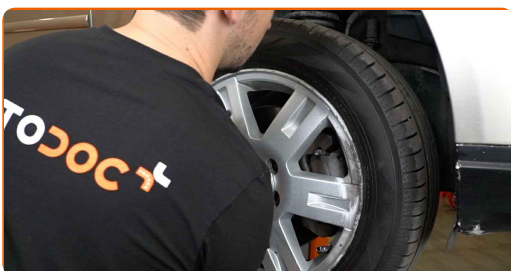
**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. FORD MONDEO III (B5Y)

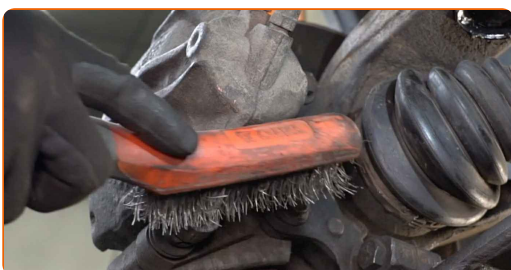
**6** Remove the wheel.



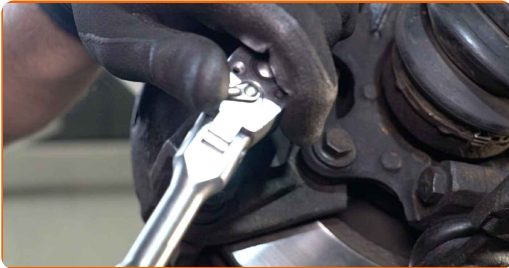
**7** Spread the brake pads. Use a crowbar.



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



- 9** Unscrew the brake caliper fastening. Use a combination spanner #19. Use a drive socket #13. Use a ratchet wrench.



- 10** Remove the brake caliper.



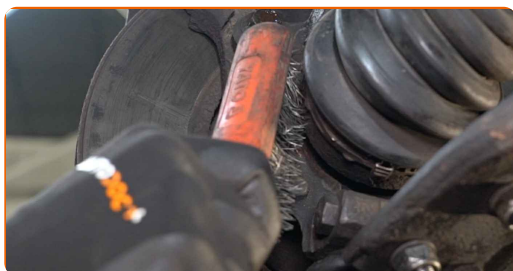
**Replacement: brake discs – FORD MONDEO III (B5Y). Tip from AUTODOC experts:**

- 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.

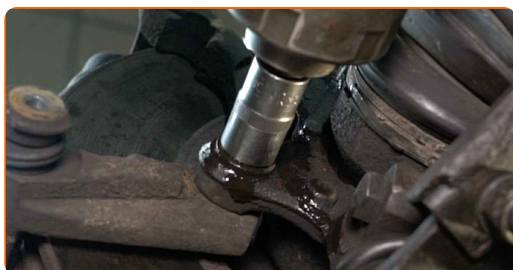
11 Remove the brake pads.



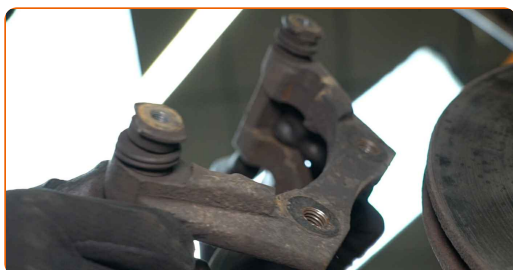
12 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



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



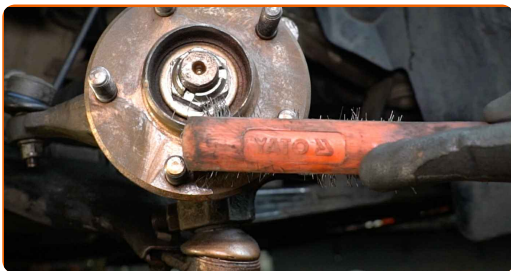
14 Remove the caliper bracket.



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:**

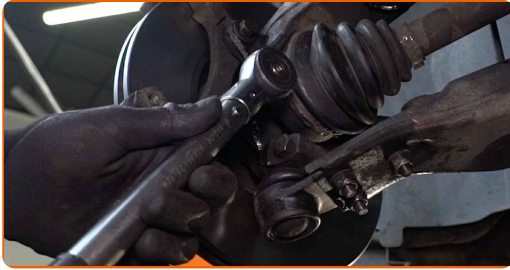
- Replacement: brake discs – FORD MONDEO III (B5Y). After applying the spray, wait a few minutes.

**19** Install the brake caliper bracket.





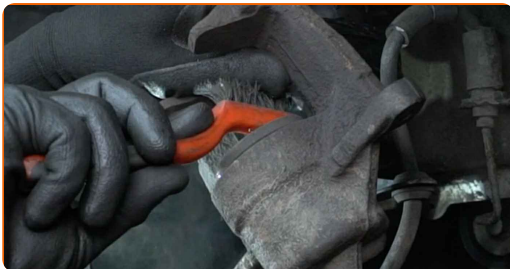
**20** Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 100 Nm torque.



**21** Install the brake pads.



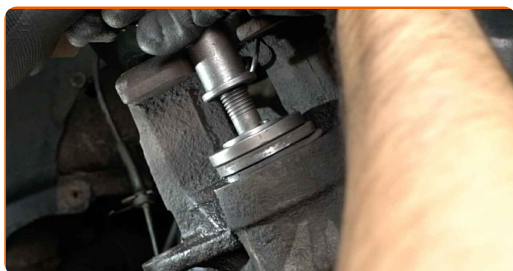
**22** Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



Replacement: brake discs – FORD MONDEO III (B5Y). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

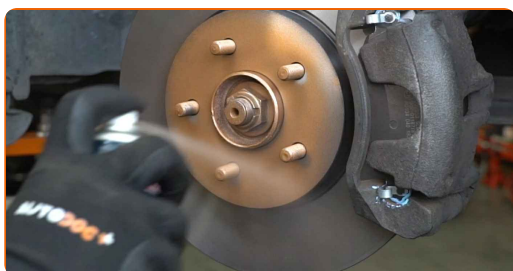
**23** Press in the brake caliper piston. Use brake caliper wind back tool.



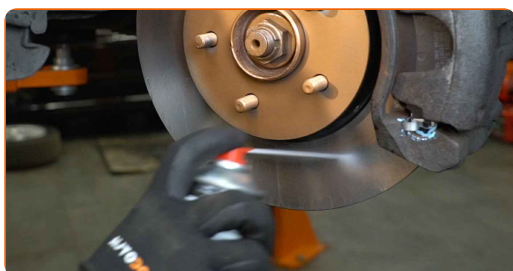
**24** Install the brake caliper and fix it. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



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



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



**AUTODOC recommends:**

- Replacement: brake discs – FORD MONDEO III (B5Y). After applying the spray, wait a few minutes.

**27** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. FORD MONDEO III (B5Y)

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



**29** 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 90 Nm torque.



30

Remove the jacks and chocks.

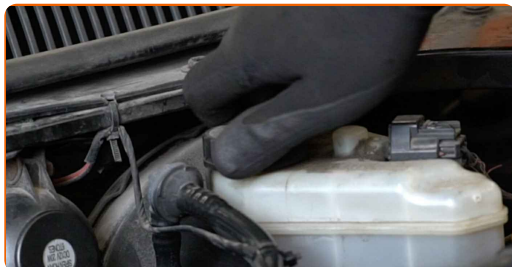


### Replacement: brake discs – FORD MONDEO III (B5Y). Tip:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

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Tighten the brake fluid reservoir cap. Close the hood.



**WELL DONE!** 

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