



How to change front
brake discs on **Ford**
Mondeo BWY –
replacement guide

VIDEO TUTORIAL

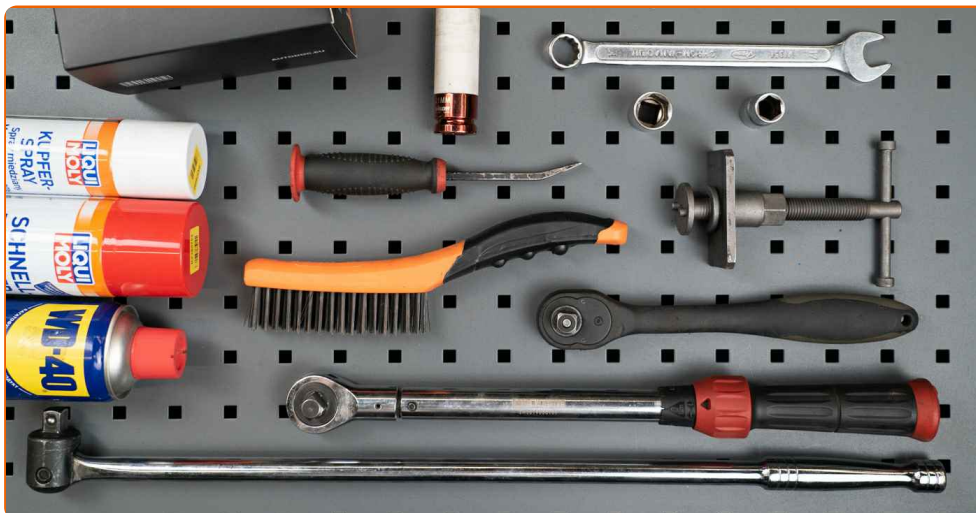
** Important!**

This replacement procedure can be used for:

FORD MONDEO III Estate (BWY) 2.2 TDCi, FORD MONDEO III Saloon (B4Y) 1.8 16V, FORD MONDEO III Saloon (B4Y) 2.0 16V, FORD MONDEO III Saloon (B4Y) 2.5 V6 24V, FORD MONDEO III Saloon (B4Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III Saloon (B4Y) 2.0 16V TDDi / TDCi, FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III Estate (BWY) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III Estate (BWY) 2.0 16V, FORD MONDEO III (B5Y) 2.5 V6 24V, FORD MONDEO III Estate (BWY) 2.5 V6 24V, FORD MONDEO III (B5Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III Estate (BWY) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 16V TDDi / TDCi, (+ 18)

The steps may slightly vary depending on the car design.

**REPLACEMENT: BRAKE DISCS – FORD MONDEO BWY.
LIST OF THE TOOLS YOU'LL NEED:**



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

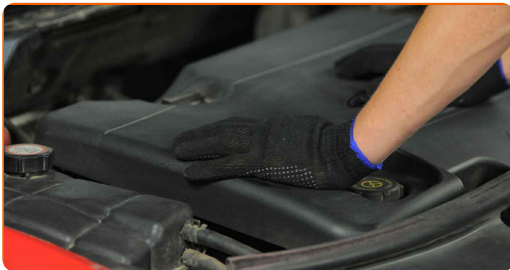
BUY TOOLS

Replacement: brake discs – Ford Mondeo BWY. AUTODOC experts recommend:

- Replace the brake disks on the car Ford Mondeo BWY 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.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE DISCS – FORD MONDEO BWY.
RECOMMENDED SEQUENCE OF STEPS:**

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:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Ford Mondeo BWY

6

Remove the wheel.

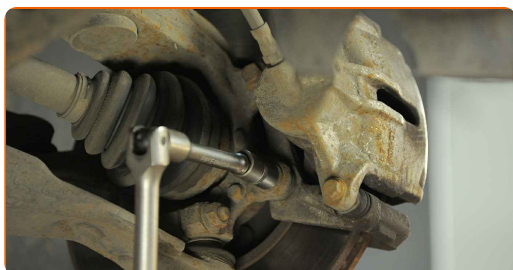


7 Spread the brake pads. Use a crowbar.

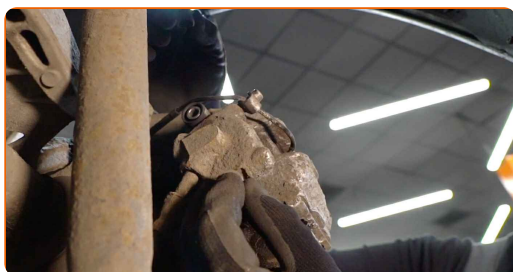


8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

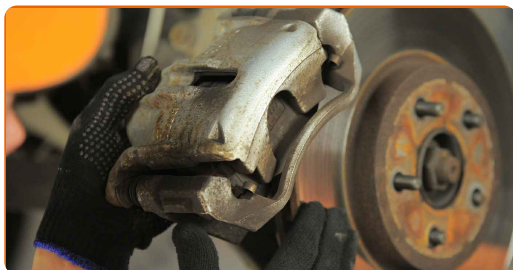
9 Unscrew the brake caliper fastening. Use a combination spanner #19. Use a drive socket #13. Use a ratchet wrench.



10 Remove the guide pins from the brake caliper.



11 Remove the brake caliper. Use a flat screwdriver.



Replacement: brake discs – Ford Mondeo BWY. 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.

12

Remove the brake pads. Use a flat screwdriver.



13

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

14

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

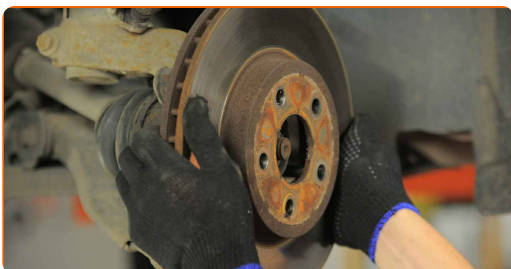


15 Remove the fastening bolts (2 pieces).

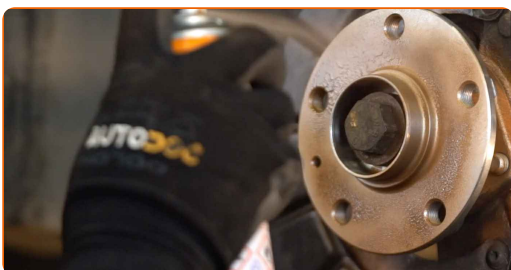
16 Remove the caliper bracket.



17 Remove the brake disc.



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

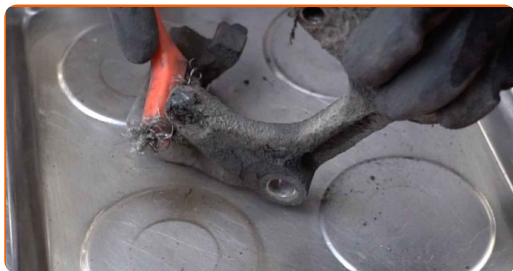


19 Install the brake disc.



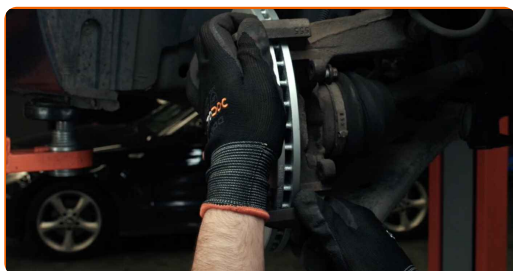
20

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



21

Install the brake caliper bracket.



22

Install the fastening bolts (2 pieces).

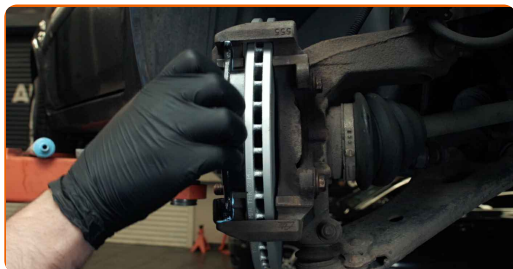
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Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 75 Nm torque.

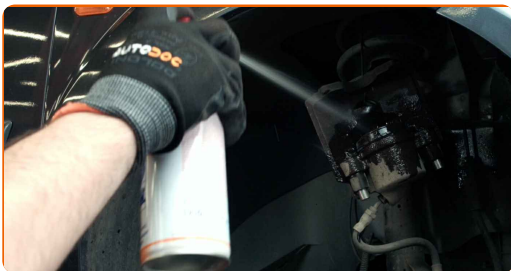


24

Install the brake pads.



25 Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Ford Mondeo BWY. After applying the spray, wait a few minutes.

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



27 Clean the brake caliper guide pins.



28

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



Replacement: brake discs – Ford Mondeo BWY. AUTODOC recommends:

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

29

Install the brake caliper and fix it.



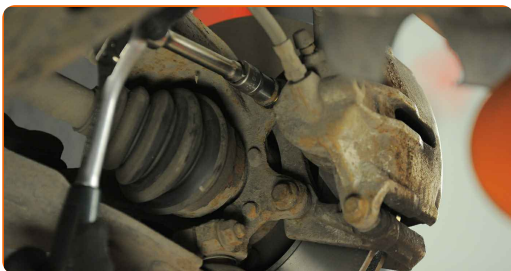
30

Screw in the guide pins.



31

Tighten the brake caliper fasteners. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



32

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



33

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Ford Mondeo BWY. After applying the spray, wait a few minutes.

34

Install the wheel.



Replacement: brake discs – Ford Mondeo BWY. Tip from AUTODOC:

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

35

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



36

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.



AUTODOC recommends:

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

37

Remove the jacks and chocks.

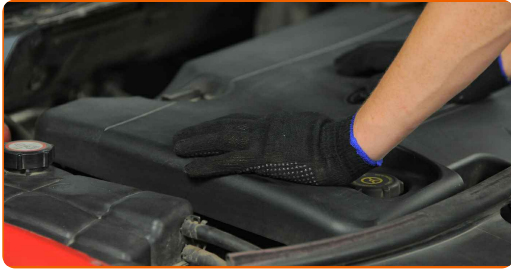


AUTODOC recommends:

- Important! Replacement: brake discs – Ford Mondeo BWY. Check the brake fluid level in the reservoir and top up if necessary.

38

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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