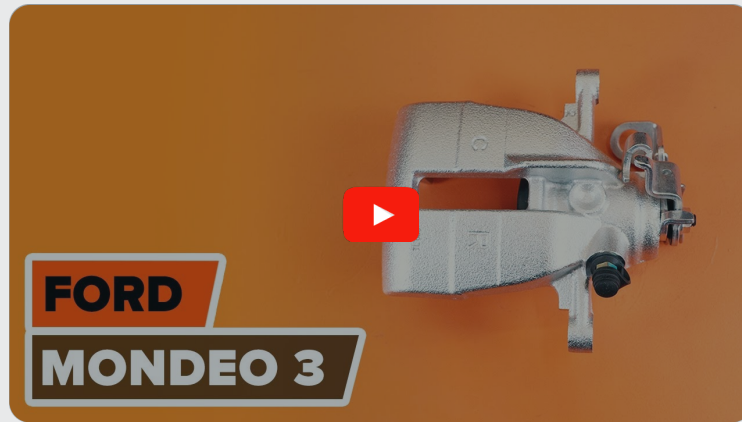




How to change rear
brake caliper on **Ford**
Mondeo BWY –
replacement guide

VIDEO TUTORIAL



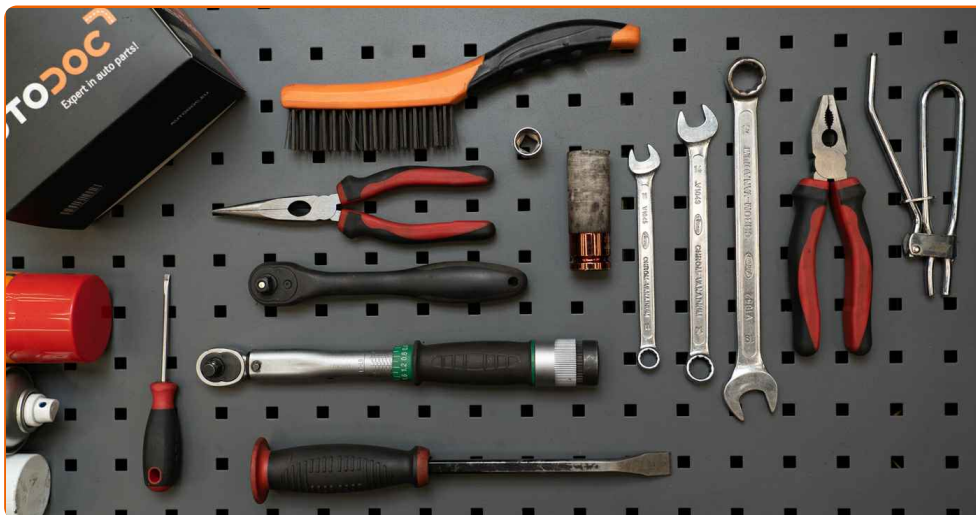
i Important!

This replacement procedure can be used for:

FORD MONDEO III Estate (BWY) 1.8 16V, FORD MONDEO III Estate (BWY) 2.0 16V, FORD MONDEO III Estate (BWY) 2.5 V6 24V, FORD MONDEO III Estate (BWY) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III Estate (BWY) 2.0 16V TDDi / TDCi, FORD MONDEO III Estate (BWY) 2.0 TDCi, FORD MONDEO III Estate (BWY) ST220, FORD MONDEO III Estate (BWY) 1.8 SCi

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – FORD MONDEO BWY. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Flare nut spanner №11
- Flare nut spanner №14
- Combination spanner #19
- Drive socket # 13
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Pliers
- Round-nose pliers
- Crow bar
- Brake hose clip
- Brake bleeder kit
- Wheel chock

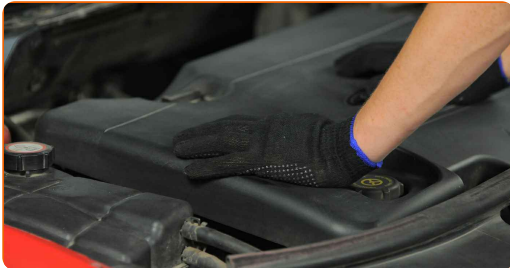
BUY TOOLS

Replacement: brake caliper – Ford Mondeo BWY. Tip from AUTODOC experts:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

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

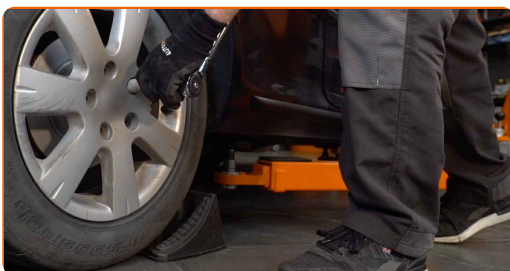
- 1 Open the bonnet. Unscrew the brake fluid reservoir cap.



- 2 Secure the wheels with chocks.



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



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

5 Unscrew the wheel bolts.



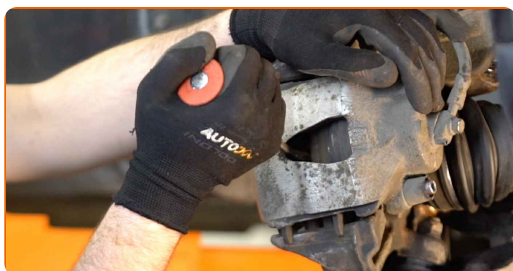
Replacement: brake caliper – Ford Mondeo BWY. AUTODOC recommends:

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

6 Remove the wheel.

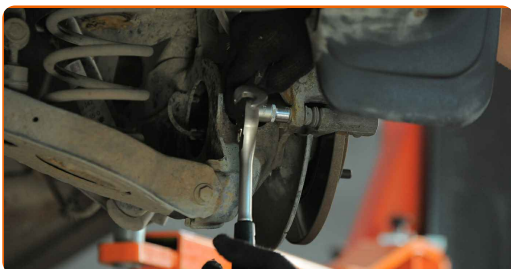


7 Spread the brake pads. Use a crowbar.



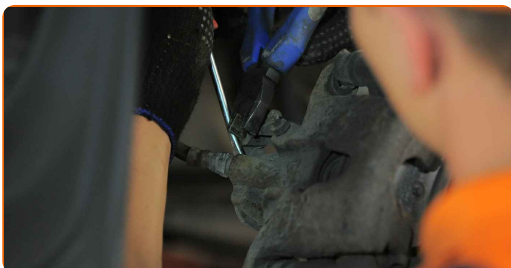
8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

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



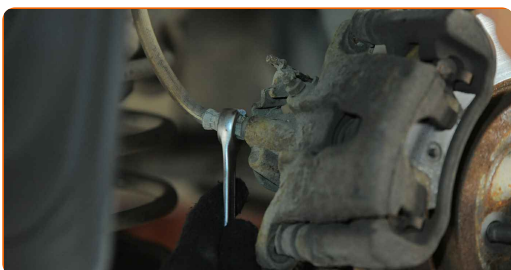
- 10 Remove the fastening bolts (2 pieces).

- 11 Release the parking brake cable. Use a flat screwdriver. Use pliers.

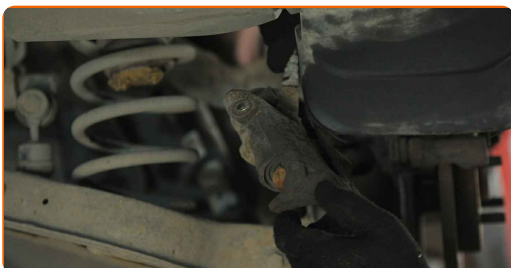


- 12 Clamp the brake hose off using a brake hose clamp.

- 13 Loosen the brake hose fastening. Use a flare nut spanner #14.



- 14 Remove the brake caliper. Use a flat screwdriver.



Replacement: brake caliper – Ford Mondeo BWY. Professionals recommend:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.
- 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.

15

Detach the parking brake cable from the bracket on the brake caliper.

16

Unscrew the brake hose from the brake caliper.



17

Treat the brake hose. Use a brake cleaner.



AUTODOC recommends:

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

18

Install and fix the brake hose into a new caliper.



19

Install the parking brake cable into the brake caliper bracket.

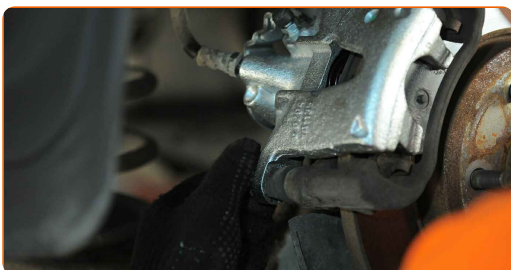
20

Install the brake caliper and fix it.



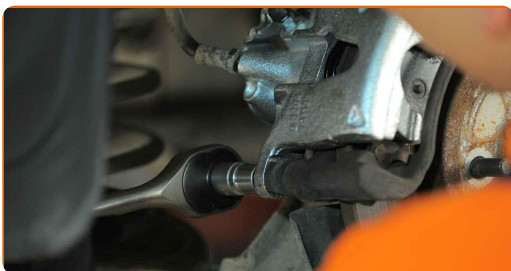
21

Install the fastening bolts (2 pieces).

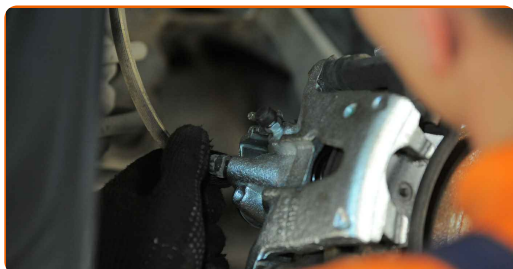


22

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.



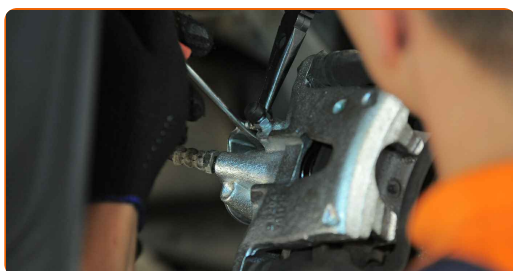
- 23** Tighten the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



- 24** Remove the brake hose clamp.

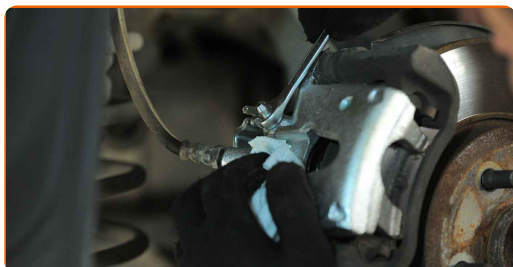


- 25** Secure the parking brake cable. Use a flat screwdriver. Use round-nose pliers.



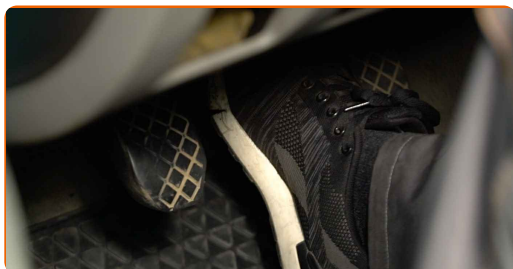
- 26** Connect the brake bleeder kit to the brake bleeder screw.

- 27** Undo the brake bleeder screw. Use a flare nut spanner #11.



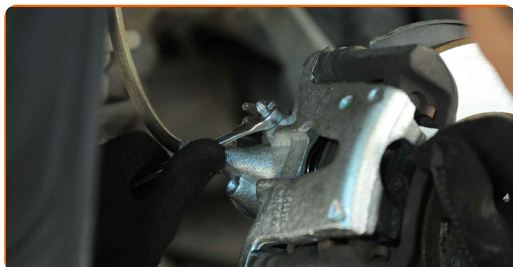
28

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



29

Tighten the brake caliper bleed screw. Use a flare nut spanner #11. Use a torque wrench. Tighten it to 10 Nm torque.

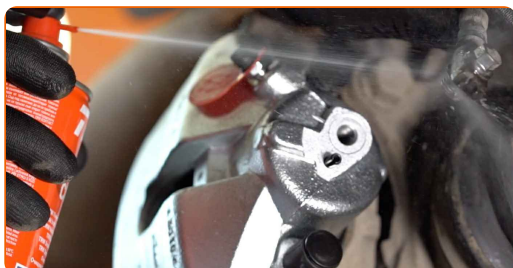


30

Disconnect the brake bleeder kit.

31

Clean dirt from the brake hose bolt. Use a brake cleaner.



Replacement: brake caliper – Ford Mondeo BWY. Tip:

- After applying the spray, wait a few minutes.

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 caliper – Ford Mondeo BWY. After applying the spray, wait a few minutes.

34

Install the wheel.



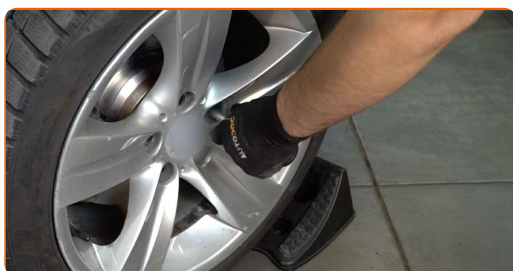
Replacement: brake caliper – Ford Mondeo BWY. Tip from AUTODOC experts:

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

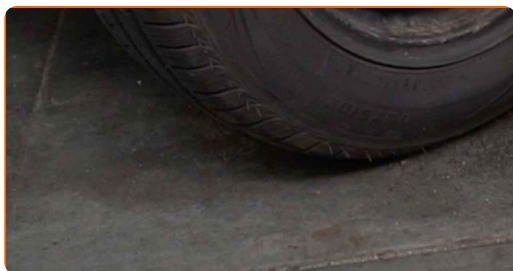
35 Screw in the wheel bolts. Use wheel impact socket #19.



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.



37 Remove the jacks and chocks.

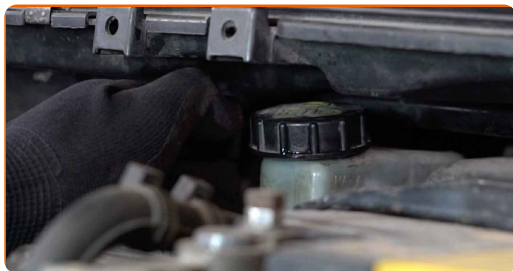


AUTODOC recommends:

- Important! Replacement: brake caliper – 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.



AUTODOC recommends:

- Ford Mondeo BWY – Without starting the engine, press the brake pedal several times until it feels firm.

WELL DONE! 

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