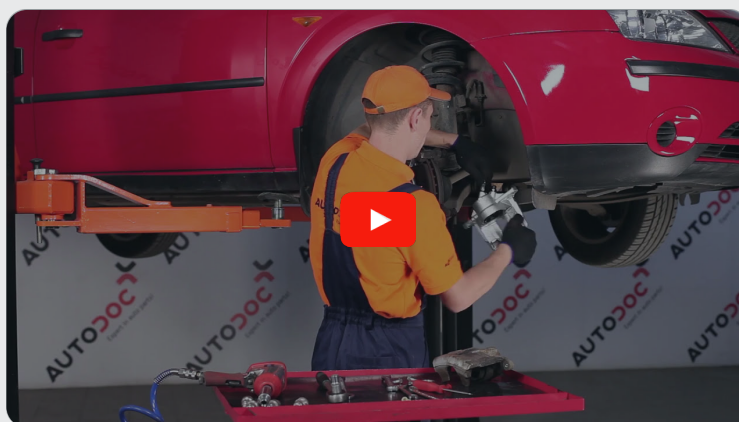




How to change front
brake caliper on **Ford**
Mondeo BWY –
replacement guide

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 CALIPER – FORD MONDEO
BWY. TOOLS YOU MIGHT 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
- Brake hose clip
- Flat Screwdriver
- Brake bleeder kit
- Wheel chock

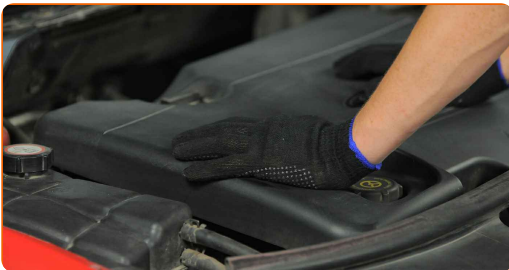
BUY TOOLS

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

- 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. TAKE THE FOLLOWING STEPS:

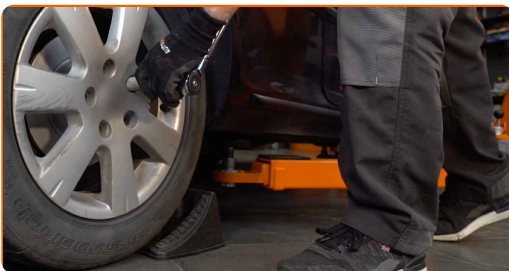
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



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.



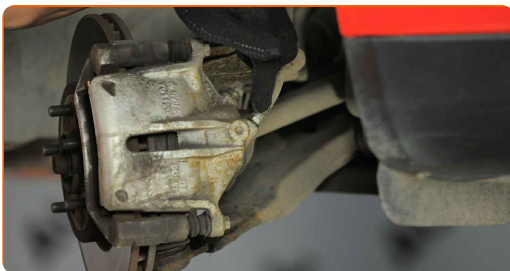
Replacement: brake caliper – Ford Mondeo BWY. Tip from AUTODOC:

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

6 Remove the wheel.



7 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a brake cleaner.



AUTODOC recommends:

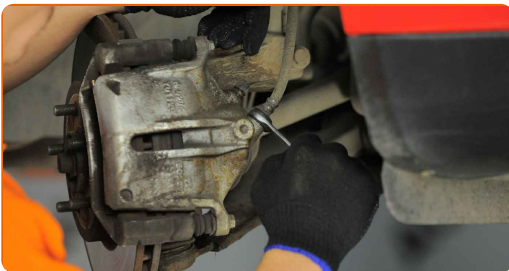
- Replacement: brake caliper – Ford Mondeo BWY. After applying the spray, wait a few minutes.

8

Clamp the brake hose off using a brake hose clamp.

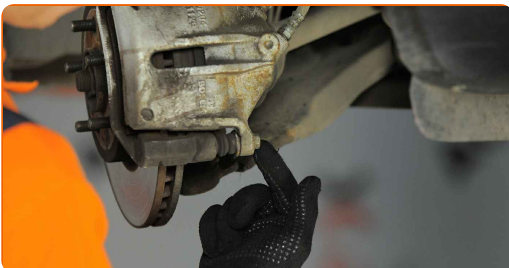
9

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



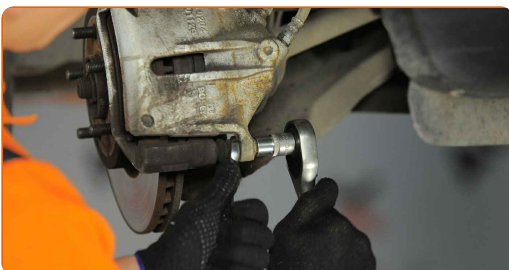
10

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



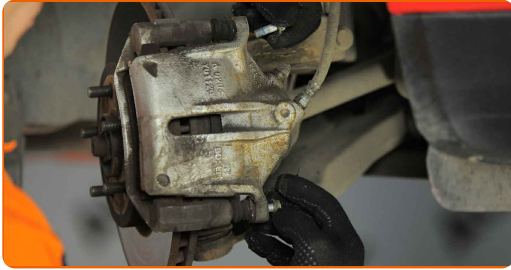
11

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



12

Remove the guide pins from the brake caliper.



13

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.

14

Unscrew the brake hose from the brake caliper. Use a flare nut spanner #14.

15

Disconnect the brake hose.



16

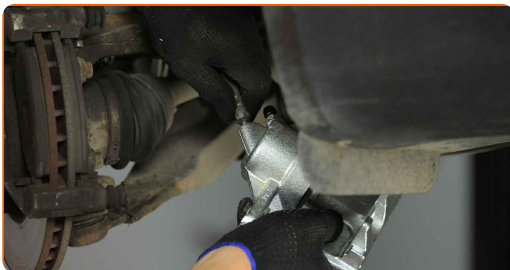
Treat the brake hose. Use a brake cleaner.

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

- After applying the spray, wait a few minutes.

17

Install and fix the brake hose into a new caliper.

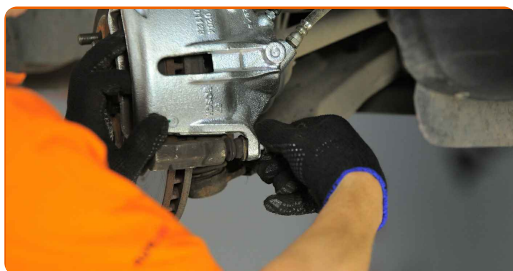


18

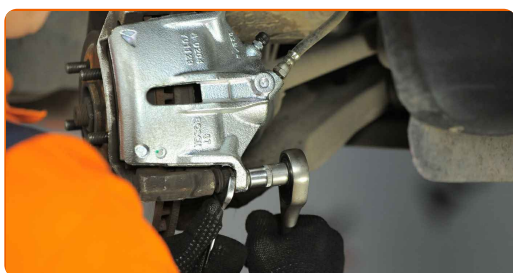
Install the brake caliper and fix it.



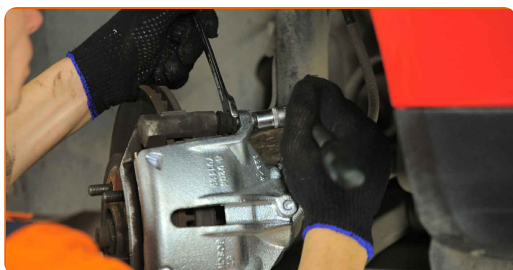
19 Screw in the guide pins.



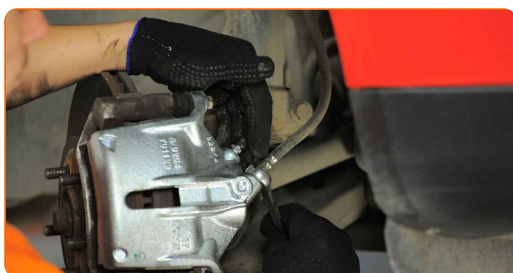
20.1 Tighten the brake caliper fasteners.



20.2 Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



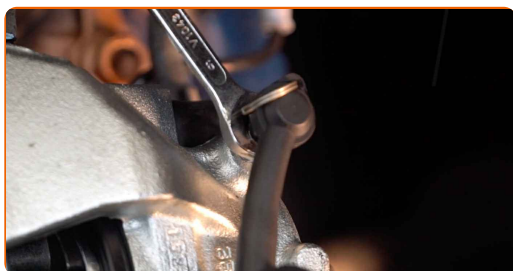
21 Tighten the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



22 Remove the brake hose clamp.

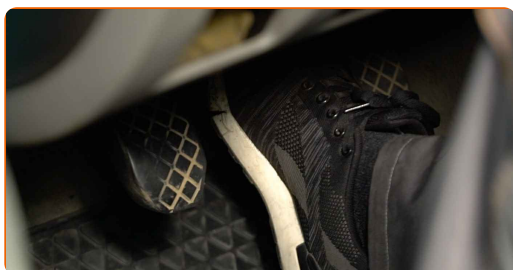


23 Connect the brake bleeder kit to the brake bleeder screw.

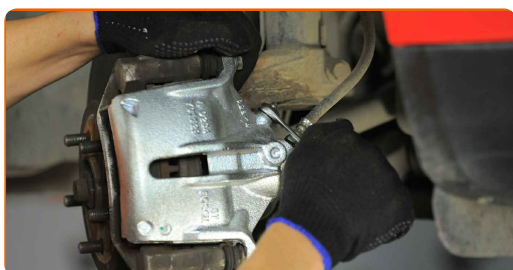


24 Undo the brake bleeder screw. Use a flare nut spanner #11.

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



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



27

Disconnect the brake bleeder kit.



28

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



AUTODOC recommends:

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

29

Clean the brake caliper surface.

30

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



31

Clean the brake disk surface. Use a brake cleaner.



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

- After applying the spray, wait a few minutes.

32

Install the wheel.



AUTODOC recommends:

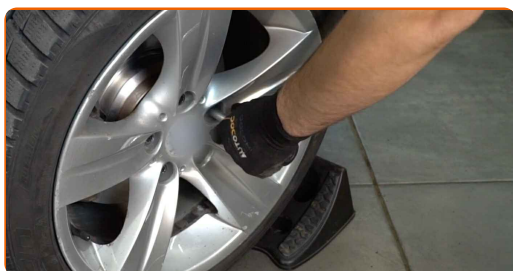
- Important! Hold the wheel while screwing in the fastening bolts. Ford Mondeo BWY

33

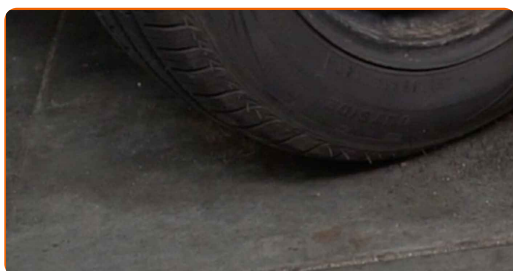
Screw in the wheel bolts. Use wheel impact socket #19.



- 34** 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.



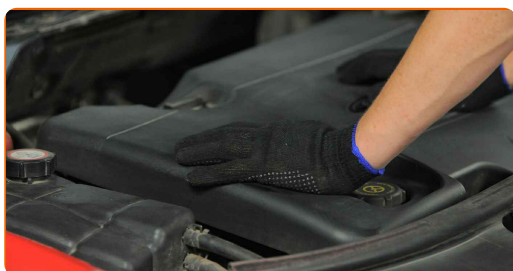
- 35** Remove the jacks and chocks.



Replacement: brake caliper – Ford Mondeo BWY. Tip:

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

- 36** Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

- Ford Mondeo BWY – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON  **Google Play**

 **Download on the App Store**

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR FORD

BRAKE CALIPER: A WIDE SELECTION

CHOOSE CAR PARTS FOR FORD MONDEO BWY

BRAKE CALIPER FOR FORD: BUY NOW

**BRAKE CALIPER FOR FORD MONDEO BWY: THE BEST
DEALS & OFFERS**

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.