



How to change rear
wheel bearing on **Ford**
Mondeo BWY –
replacement guide

VIDEO TUTORIAL

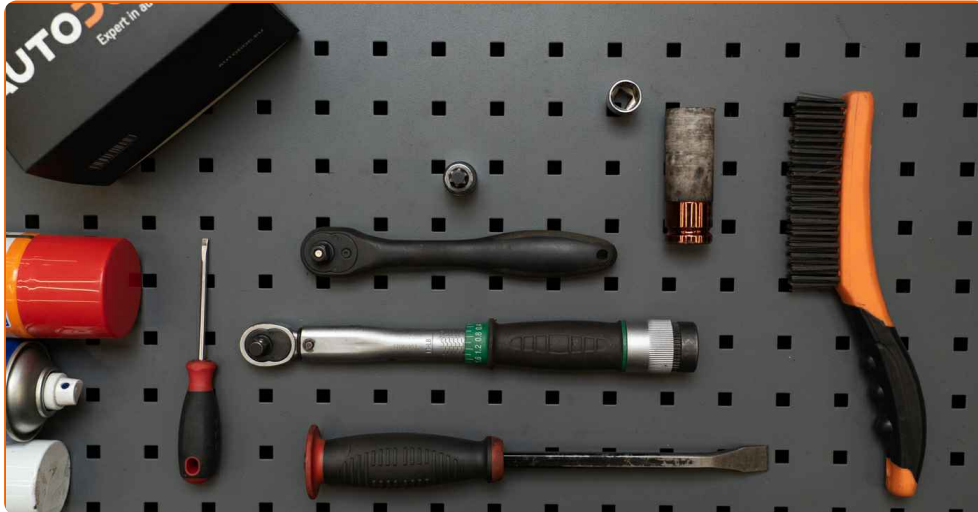
** Important!**

This replacement procedure can be used for:

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, FORD MONDEO III Estate (BWY) 2.0 16V TDDi / TDCi, (+ 15)

The steps may slightly vary depending on the car design.

**REPLACEMENT: WHEEL BEARING – FORD MONDEO
BWY. TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Torx bit T50
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Rubber mallet
- Wheel chock

BUY TOOLS

Replacement: wheel bearing – Ford Mondeo BWY. Tip from AUTODOC experts:

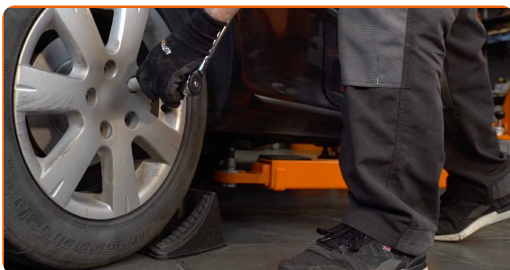
- Do not re-use the bearing assembly of your Ford Mondeo BWY car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: WHEEL BEARING – FORD MONDEO BWY.
RECOMMENDED SEQUENCE OF STEPS:**

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

4

Unscrew the wheel bolts.



Replacement: wheel bearing – Ford Mondeo BWY. AUTODOC recommends:

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

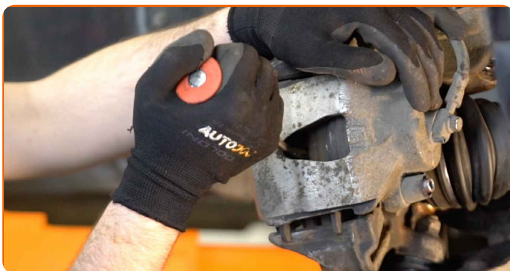
5

Remove the wheel.



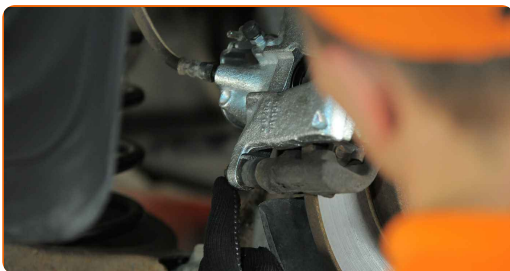
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Spread the brake pads. Use a crowbar.



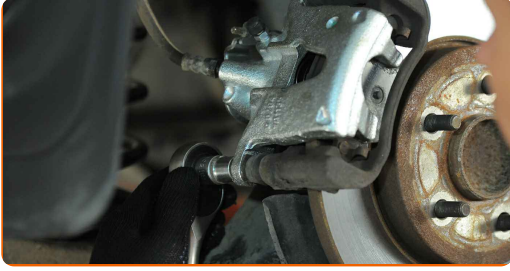
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Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8

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

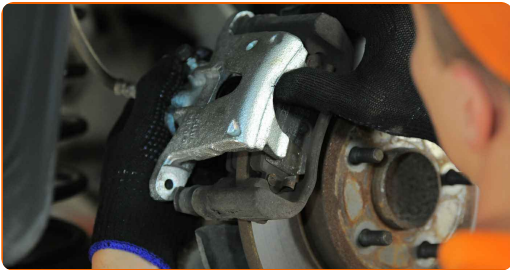


9

Remove the guide pins from the brake caliper.

10

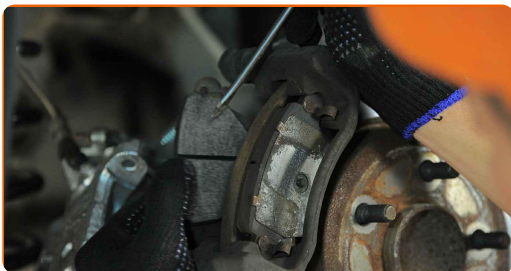
Remove the brake caliper.



Replacement: wheel bearing – Ford Mondeo BWY. Tip from AUTODOC:

- 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.

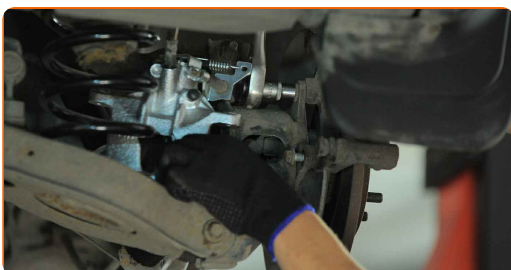
11 Remove the brake pads. Use a flat screwdriver.



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

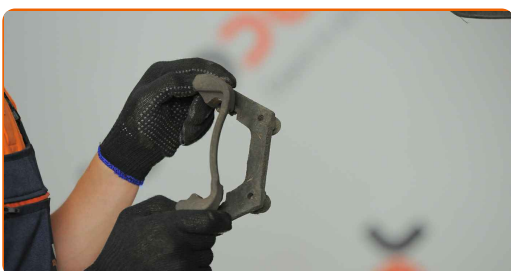


13 Unscrew the caliper bracket fastening. Use a drive socket #13. Use a ratchet wrench.

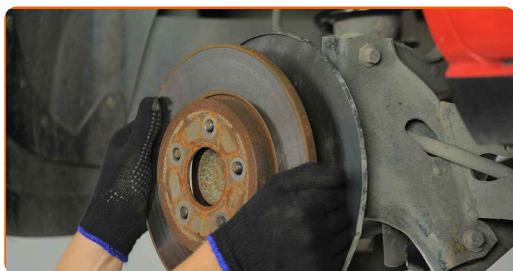


14 Remove the fastening bolts (2 pieces).

15 Remove the caliper bracket.

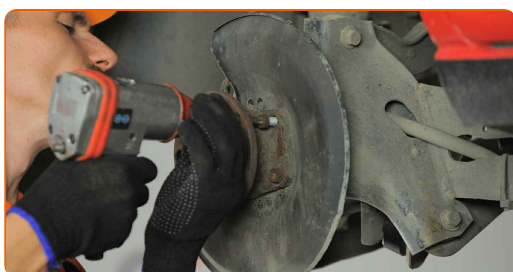


16 Remove the brake disc.

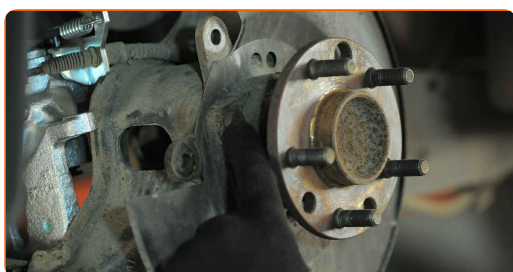


17 Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.

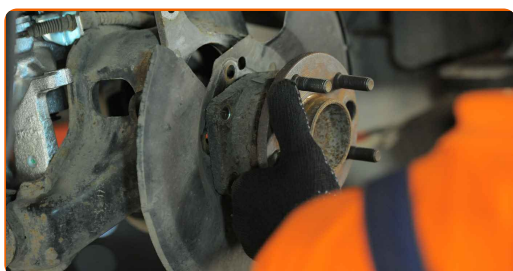
18 Unscrew the wheel hub axle nut. Use Torx T50. Use a ratchet wrench.



19 Remove the fastening bolts.



20 Remove the hub and the bearing together, since they are a sealed unit.



Replacement: wheel bearing – Ford Mondeo BWY. AUTODOC experts recommend:

- If necessary, use a rubber mallet.

21

Detach the ABS sensor connector. Use a flat screwdriver.



22

Remove the brake disc cover.

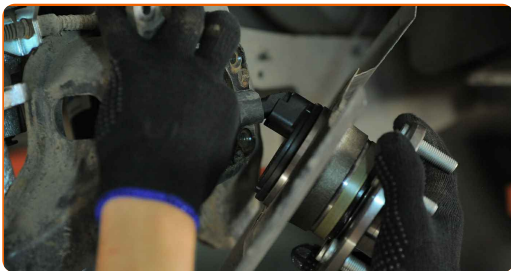


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Install the brake disc cover.

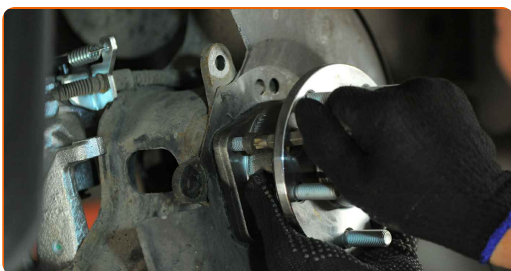
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Attach the ABS sensor connector.

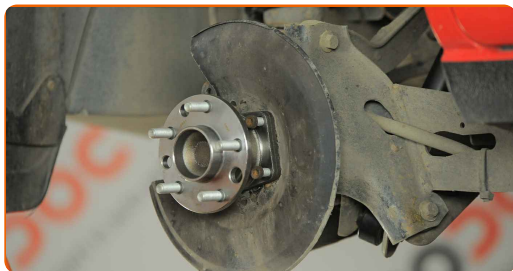


25

Install the new wheel hub with a bearing.



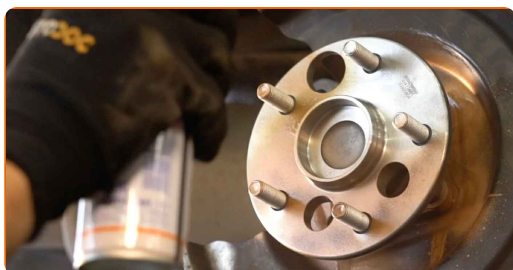
26 Install the fastening bolts.



27 Tighten the hub. Use Torx T50. Use a torque wrench. Tighten it to 70 nm torque.



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

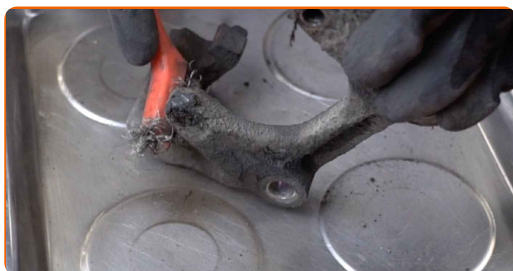


29 Install the brake disc.



30

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

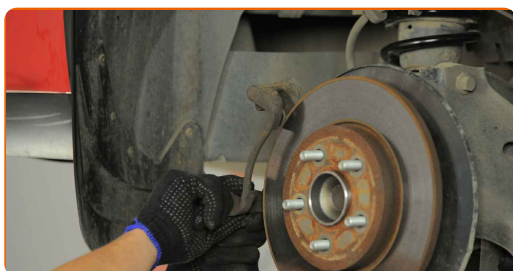


AUTODOC recommends:

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

31

Install the brake caliper bracket.



32

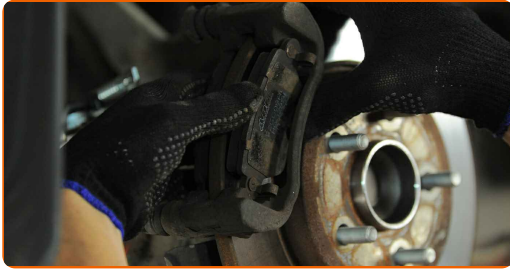
Install the fastening bolts (2 pieces).

33

Tighten the brake caliper bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 55 Nm torque.



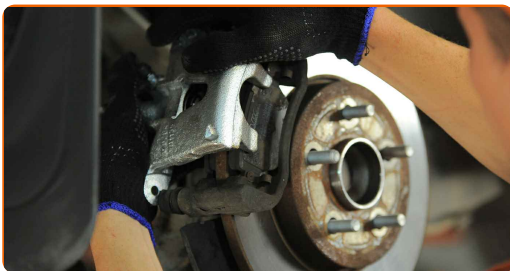
34 Install the brake pads.



Replacement: wheel bearing – Ford Mondeo BWY. Professionals recommend:

- If going to use the old brake pads, clean them.

35 Install the brake caliper and fix it.

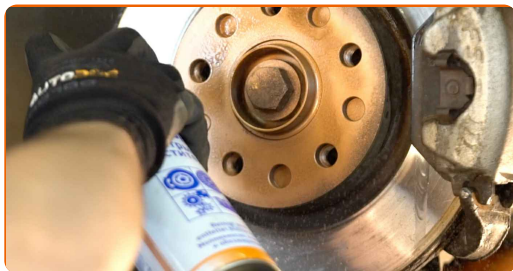


36 Screw in the guide pins.

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



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



39 Clean the brake disk surface. Use a brake cleaner.



Replacement: wheel bearing – Ford Mondeo BWY. AUTODOC recommends:

- After applying the spray, wait a few minutes.

40 Install the wheel.



AUTODOC recommends:

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

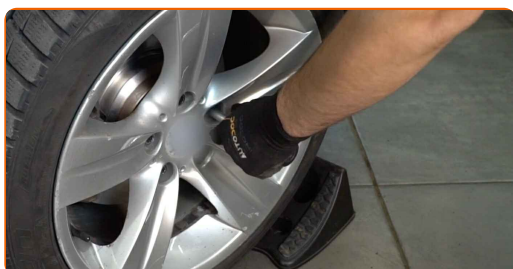
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Screw in the wheel bolts. Use wheel impact socket #19.



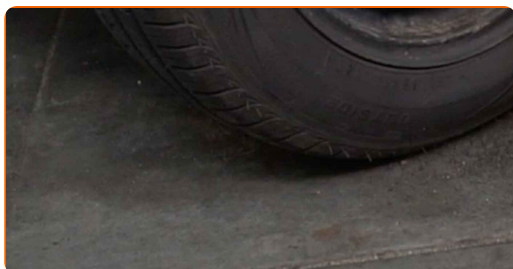
42

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.



43

Remove the jacks and chocks.



WELL DONE! 

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