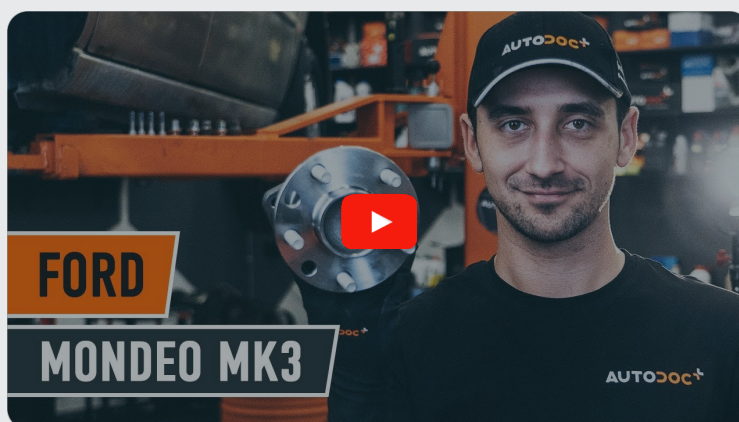




How to change rear
wheel bearing on **FORD**
MONDEO III (B5Y) –
replacement guide

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: WHEEL BEARING – FORD MONDEO III (B5Y). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Electronic spray
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 13
- Torx bit T50
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Hammer
- Nippers
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Do not re-use the bearing assembly of your FORD MONDEO III (B5Y) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – FORD MONDEO III (B5Y) – should be done with the engine switched off.

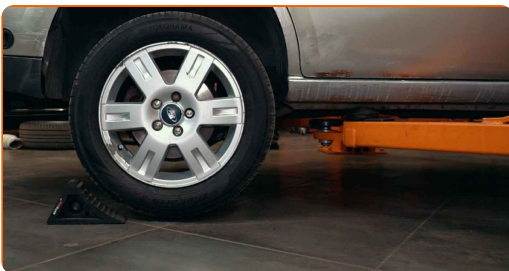
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

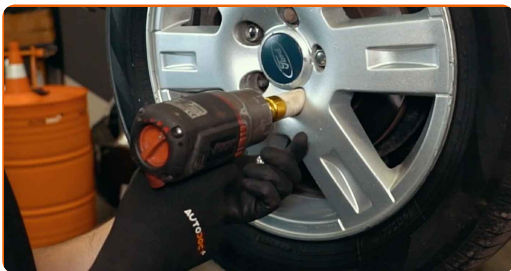
2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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



4 Unscrew the wheel bolts.



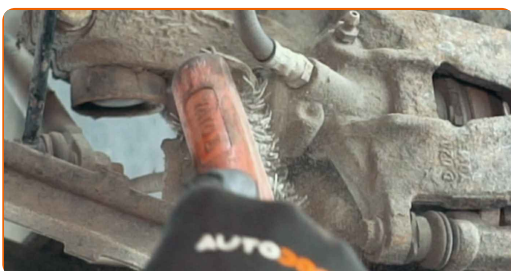
AUTODOC recommends:

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

5 Remove the wheel.



6 Clean the fastener of the parking brake cable. Use a wire brush. Use all-purpose cleaning spray.



7 Release the parking brake cable. Use nippers. Use a crowbar.

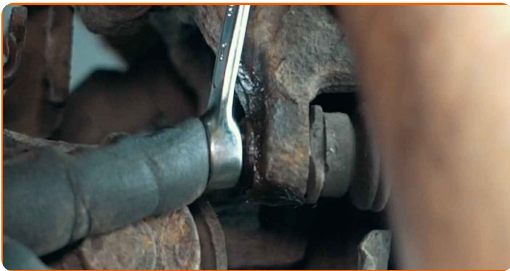


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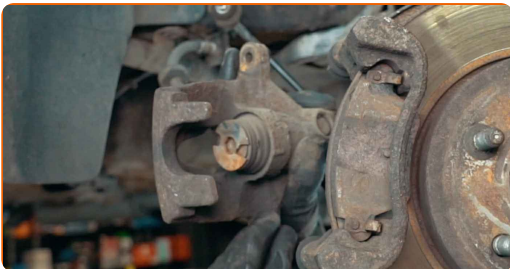
Clean the brake caliper fasteners. Use a wire brush. Use all-purpose cleaning spray.

**9**

Unscrew the brake caliper fastening. Use a combination spanner #13.

**10**

Remove the brake caliper. Use a crowbar.



Replacement: wheel bearing – 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. Use a crowbar.



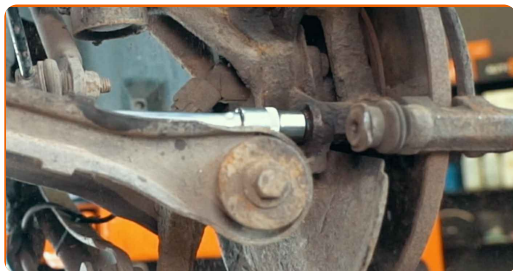
12

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



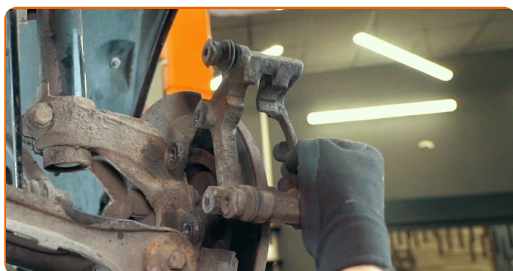
13

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



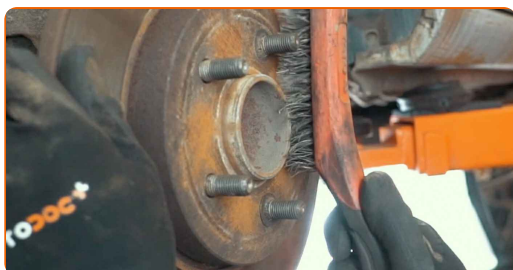
14

Remove the caliper bracket.



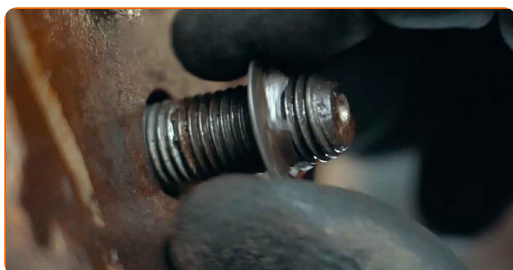
15

Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



16

Unscrew the brake disc fastening.



17

Remove the brake disc.



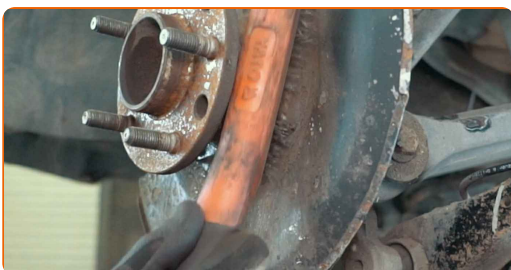
18 Clean the ABS sensor connector. Use a nylon cleaning brush. Use all-purpose cleaning spray.



19 Detach the ABS sensor connector.



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



21 Unscrew the wheel hub bolts. Use Torx T50. Use a tap wrench.



22

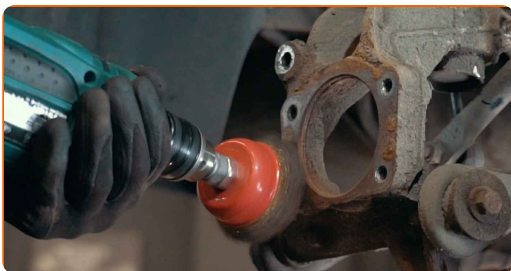
Remove the hub and the bearing together, since they are a sealed unit. Use a hammer.

**23**

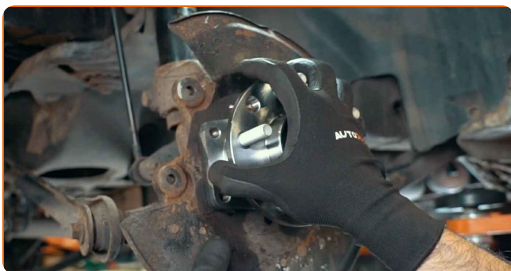
Remove the brake disc baffle plate.

**24**

Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

**25**

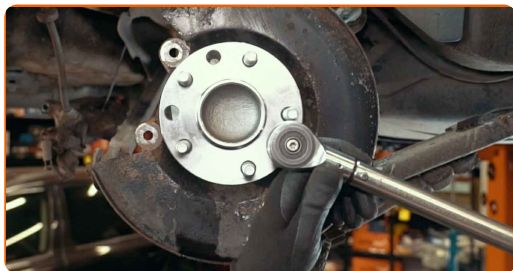
Install the brake disc baffle plate.

**26**

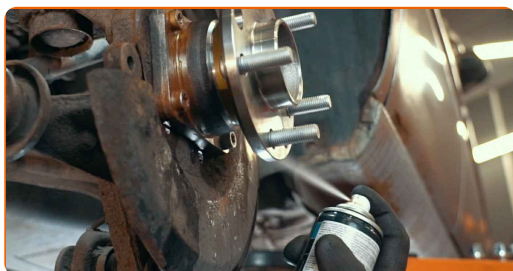
Install the new wheel hub with a bearing.



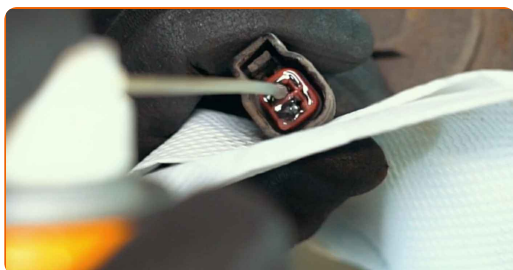
27 Tighten the wheel hub bolts. Use Torx T50. Use a torque wrench. Tighten it to 70 nm torque.



28 Treat the wheel hub fasteners. Use copper grease.



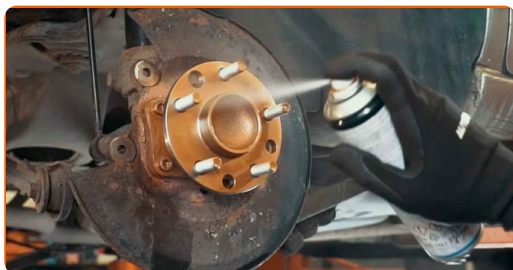
29 Treat the ABS sensor connector. Use electronic spray.



30 Attach the ABS sensor connector.



31 Apply some copper grease to the hub where it contacts the brake disk.



32 Install the brake disc.



33 Screw in the brake disc fastener.



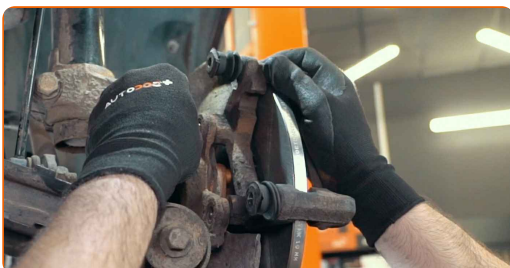
34 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

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

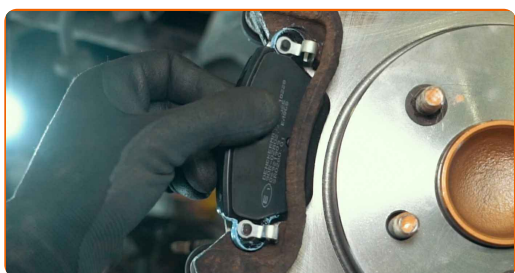
35 Install the brake caliper bracket.



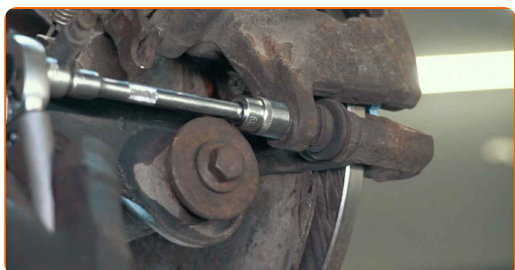
36 Tighten the brake caliper bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 65 Nm torque.



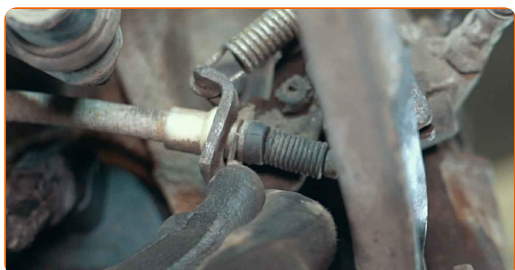
37 Install the brake pads.



38 Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.

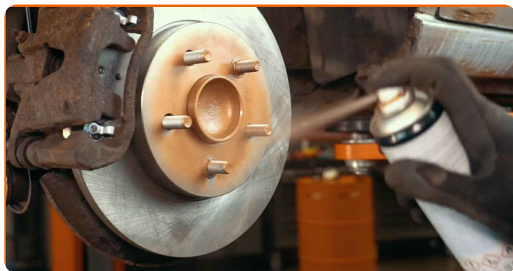


39 Install the parking brake cable into the brake caliper bracket. Use nippers. Use a crowbar.



40

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



41

Clean the brake disk surface. Use a brake cleaner.

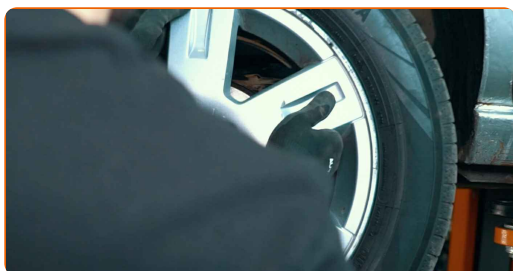


Replacement: wheel bearing – FORD MONDEO III (B5Y). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

42

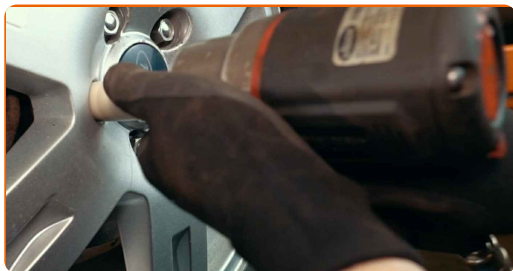
Install the wheel.



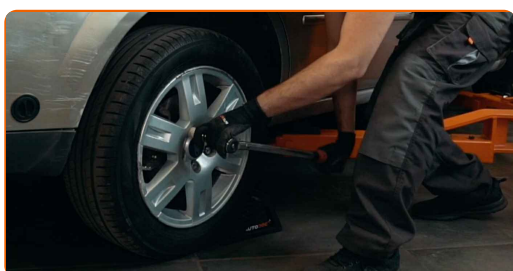
AUTODOC recommends:

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

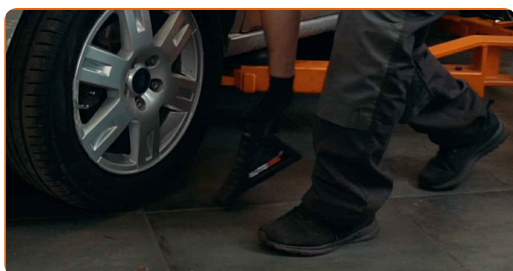
43 Screw in the wheel bolts. Use wheel impact socket #19.



44 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.



45 Remove the jacks and chocks.



Replacement: wheel bearing – FORD MONDEO III (B5Y). AUTODOC recommends:

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

WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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