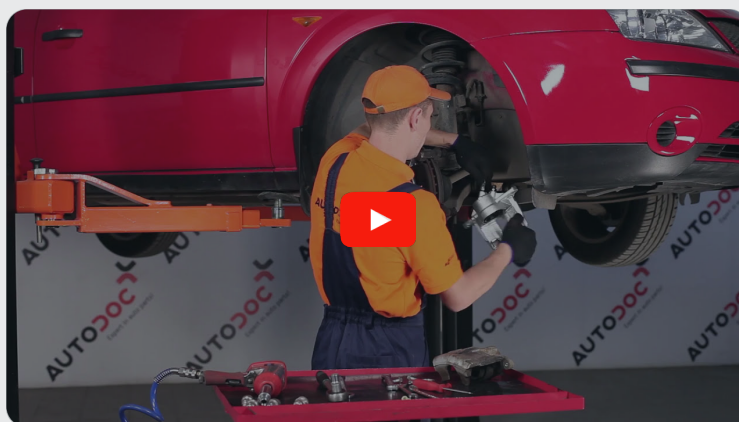




How to change front
brake caliper on **FORD**
MONDEO III (B5Y) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

i 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, FORD MONDEO III (B5Y) 2.0 DI

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 Estate (BWY) 1.8 16V

REPLACEMENT: BRAKE CALIPER – FORD MONDEO III (B5Y). 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 III (B5Y). 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.

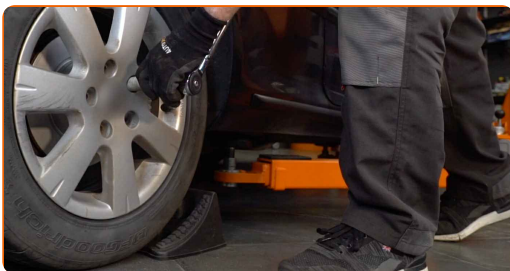
REPLACEMENT: BRAKE CALIPER – FORD MONDEO III (B5Y). TAKE THE FOLLOWING STEPS:

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.



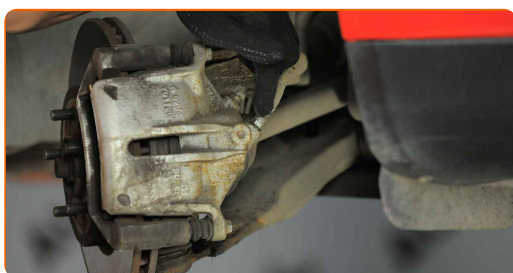
Replacement: brake caliper – FORD MONDEO III (B5Y). Tip from AUTODOC:

- 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.

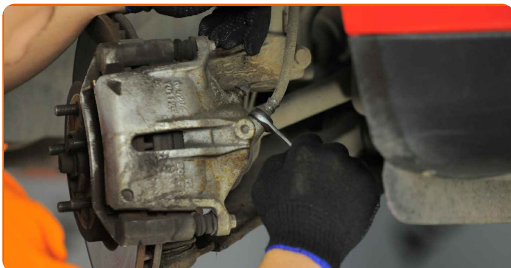


AUTODOC recommends:

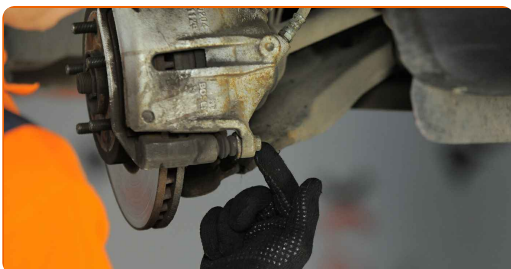
- Replacement: brake caliper – FORD MONDEO III (B5Y). After applying the spray, wait a few minutes.

8 Clamp the brake hose off using a brake hose clamp.

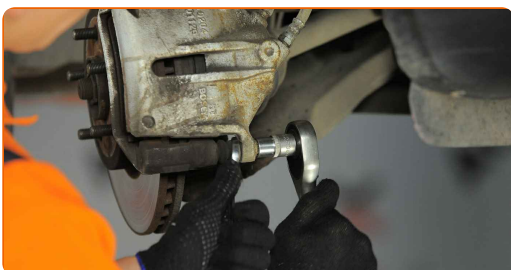
9 Loosen the brake hose fastening. Use a flare nut spanner #14.



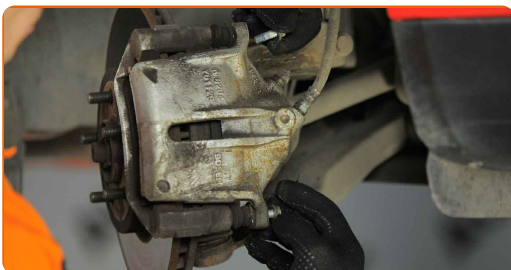
10 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



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.



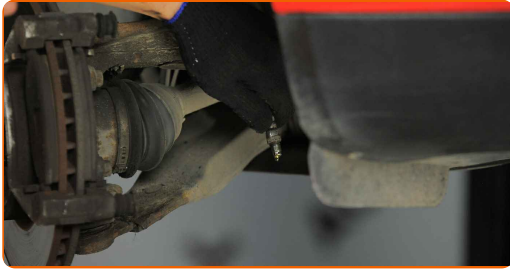
Replacement: brake caliper – FORD MONDEO III (B5Y). Professionals recommend:

- 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.

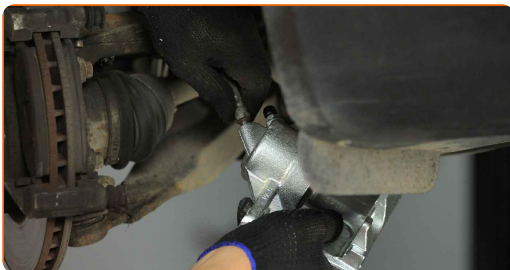


16 Treat the brake hose. Use a brake cleaner.

Replacement: brake caliper – FORD MONDEO III (B5Y). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

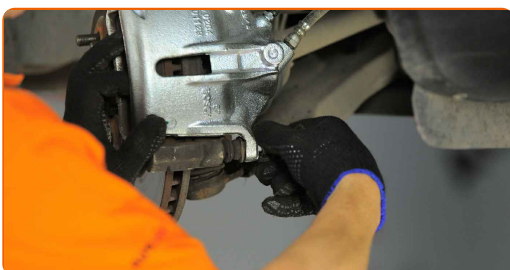
17 Install and fix the brake hose into a new caliper.



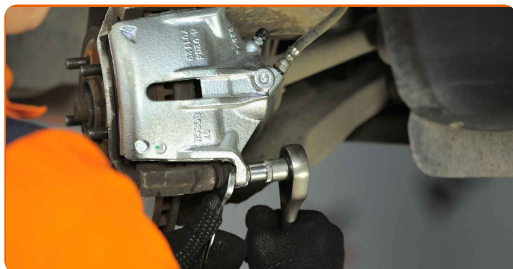
18 Install the brake caliper and fix it.



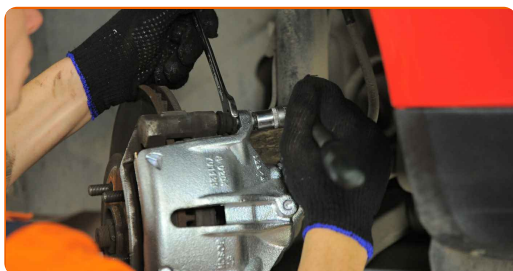
19 Screw in the guide pins.



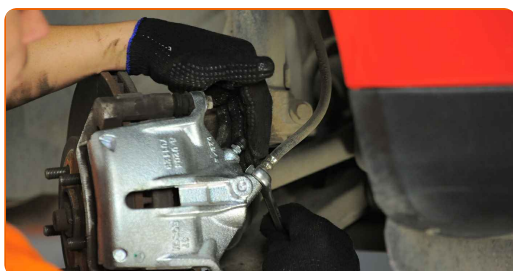
20.1 Tighten the brake caliper fasteners.



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



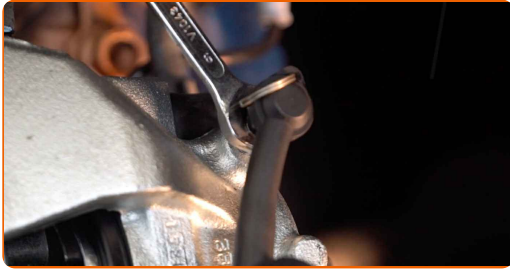
21 Tighten the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



22 Remove the brake hose clamp.

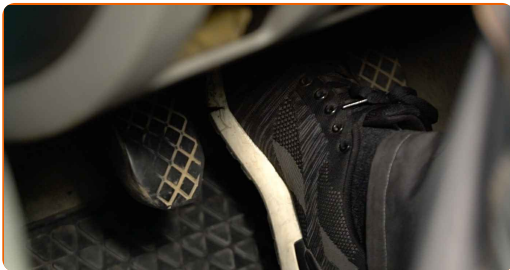


23 Connect the brake bleeder kit to the brake bleeder screw.

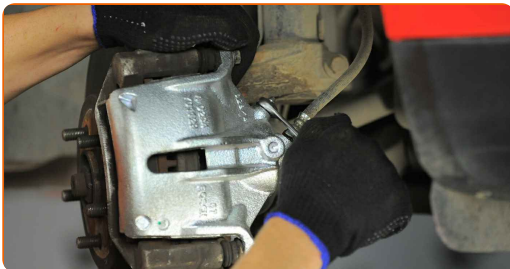


24 Undo the brake bleeder screw. Use a flare nut spanner #11.

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



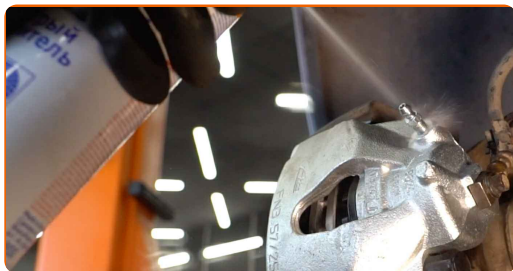
26 Tighten the brake caliper bleed screw. Use a flare nut spanner #11. Use a torque wrench. Tighten it to 10 Nm torque.



27 Disconnect the brake bleeder kit.



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

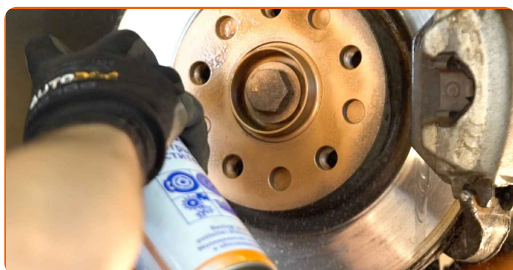


AUTODOC recommends:

- Replacement: brake caliper – FORD MONDEO III (B5Y). 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 III (B5Y). 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 III (B5Y)

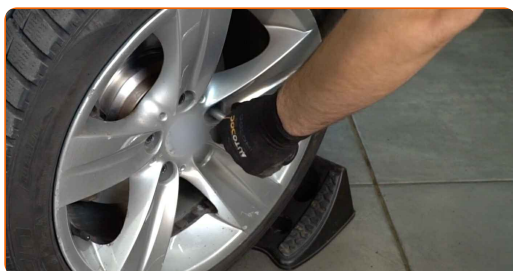
33

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



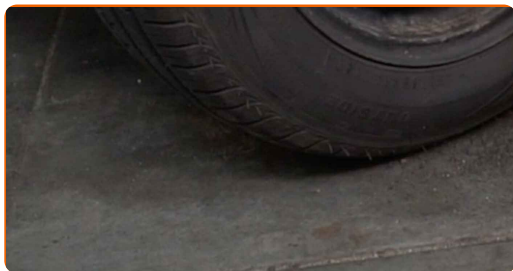
34

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 III (B5Y). 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 III (B5Y) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE! 

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BRAKE CALIPER: A WIDE SELECTION

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