



How to change front
brake discs on **Fiat Punto**
199 – replacement guide

VIDEO TUTORIAL

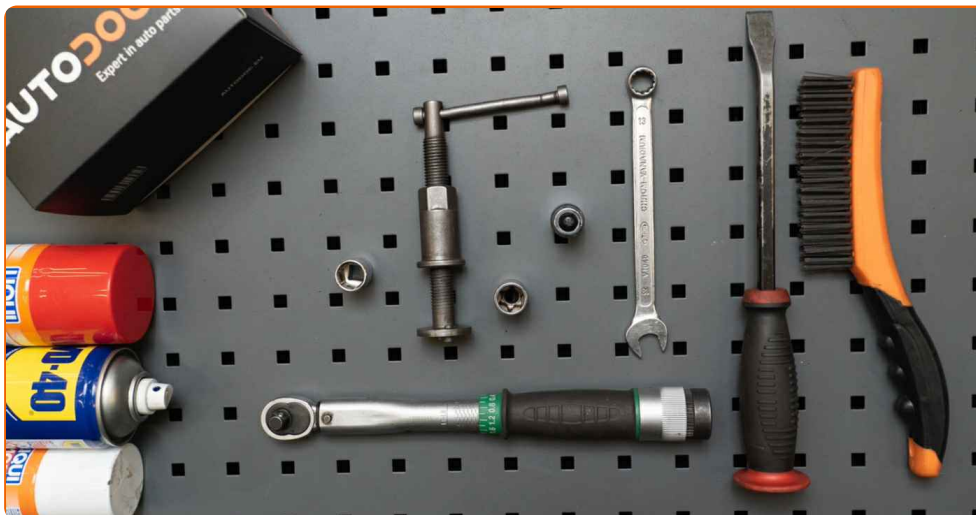
** Important!**

This replacement procedure can be used for:

FIAT PUNTO EVO (199) 1.3 D Multijet, FIAT GRANDE PUNTO (199) 1.3 D Multijet, FIAT GRANDE PUNTO (199) 1.9 D Multijet, FIAT GRANDE PUNTO (199) 1.6 D Multijet, FIAT GRANDE PUNTO (199) 1.4 T-Jet, FIAT PUNTO (199) 1.4 Turbo Multi Air, FIAT PUNTO (199) 1.3 D Multijet, FIAT PUNTO EVO (199) 1.4 16V, FIAT PUNTO EVO (199) 1.6 D Multijet, FIAT GRANDE PUNTO (199) 1.6

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – FIAT PUNTO 199.
TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Drive socket # 13
- Drive socket # E18
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – Fiat Punto 199. Tip from AUTODOC experts:

- Replace the brake disks on the car Fiat Punto 199 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Fiat Punto 199 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

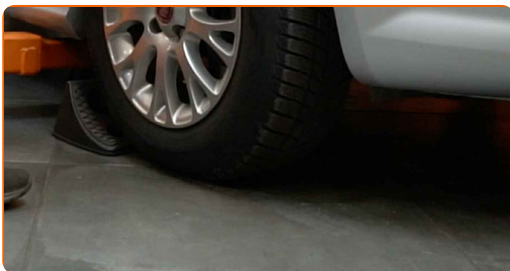
1

Open the bonnet. Unscrew the brake fluid reservoir cap.

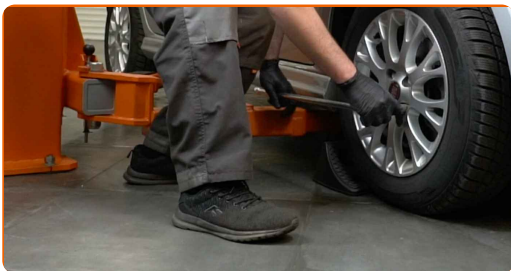


2

Secure the wheels with chocks.



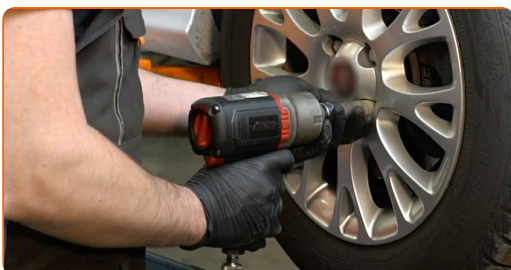
3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



5 Unscrew the wheel bolts.



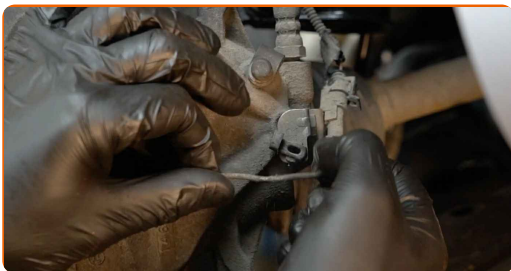
Replacement: brake discs – Fiat Punto 199. Tip:

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

6 Remove the wheel.



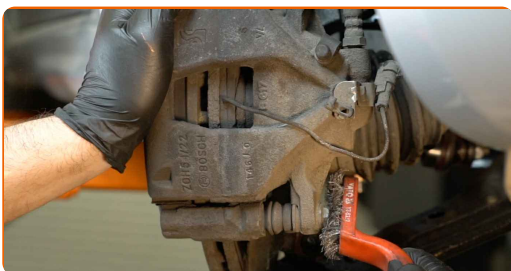
7 Disconnect the brake pads wear sensor.



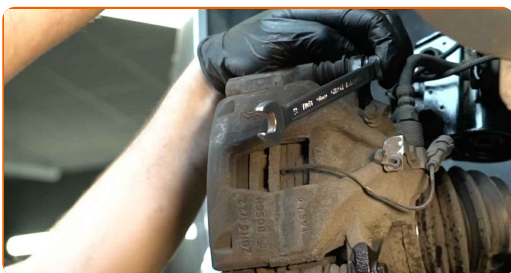
Please note!

- Some cars are not equipped with the brake pad wear sensor.

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



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

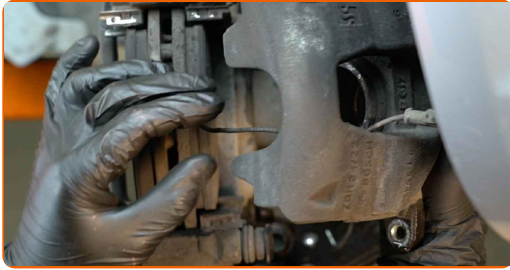


10 Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.

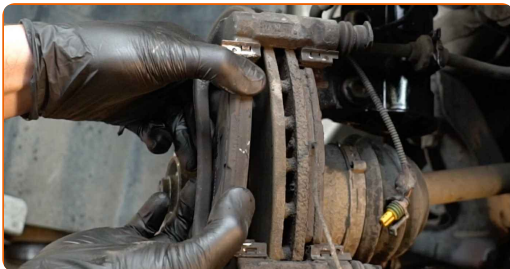


Replacement: brake discs – Fiat Punto 199. Tip from AUTODOC experts:

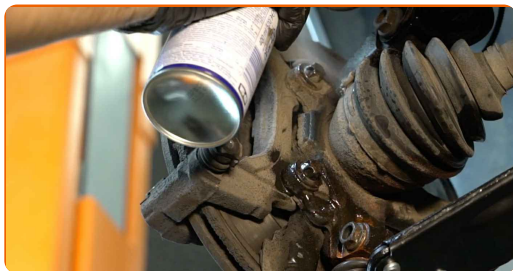
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, 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.

12

Remove the brake pads.



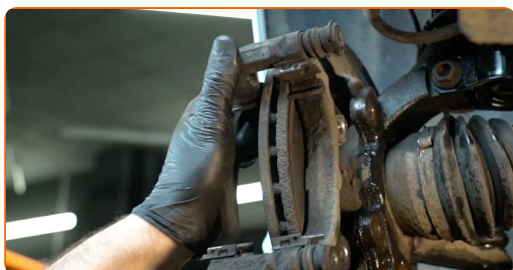
13 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



14 Unscrew the caliper bracket fastening. Use a drive socket #E18. Use a tap wrench.



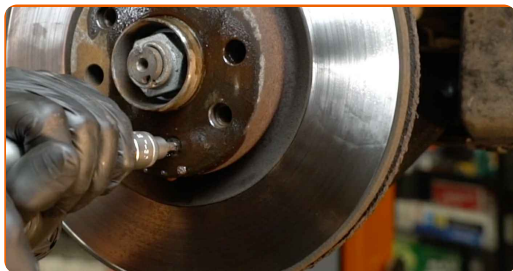
15 Remove the caliper bracket.



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



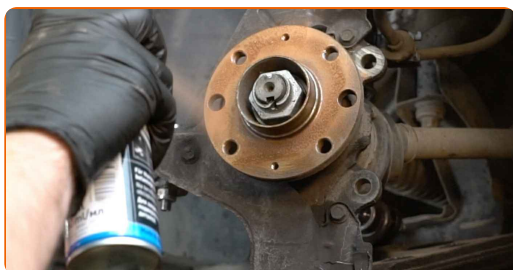
17 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



18 Remove the brake disc.



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



20 Install the brake disc.



21

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



22

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

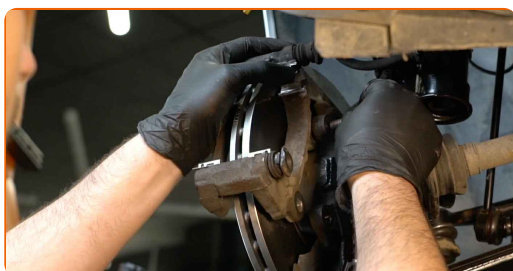


AUTODOC recommends:

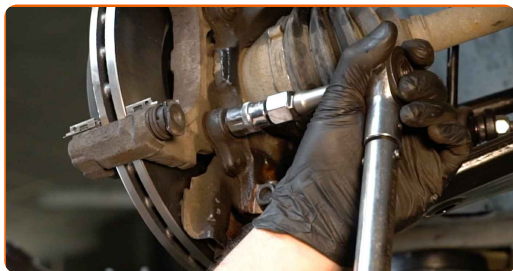
- Replacement: brake discs – Fiat Punto 199. After applying the spray, wait a few minutes.

23

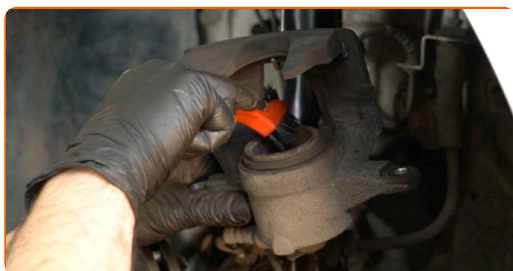
Install the brake caliper bracket.



24 Tighten the brake caliper bracket. Use a drive socket #E18. Use a torque wrench. Tighten it to 100 Nm torque.



25 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



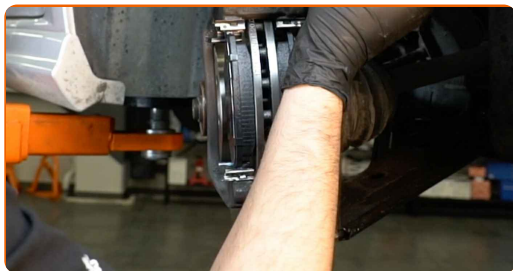
Replacement: brake discs – Fiat Punto 199. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

26 Press in the brake caliper piston. Use brake caliper wind back tool.



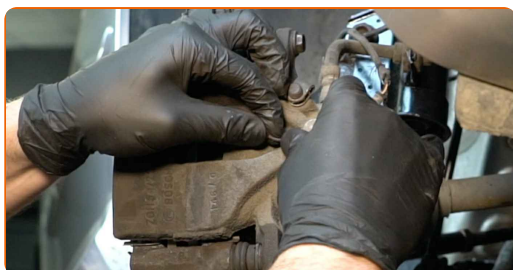
27 Install the brake pads.



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



29 Connect the brake pads wear sensor.



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.



AUTODOC recommends:

- Replacement: brake discs – Fiat Punto 199. After applying the spray, wait a few minutes.

32

Install the wheel.

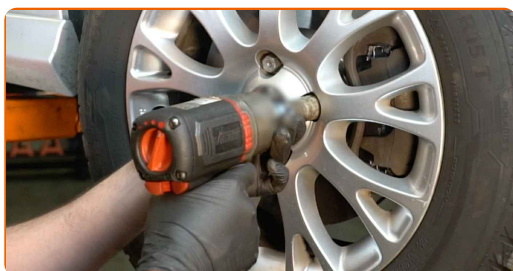


Replacement: brake discs – Fiat Punto 199. AUTODOC experts recommend:

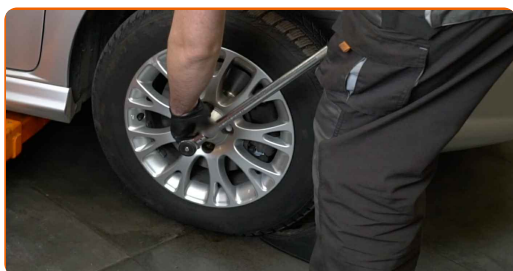
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

33

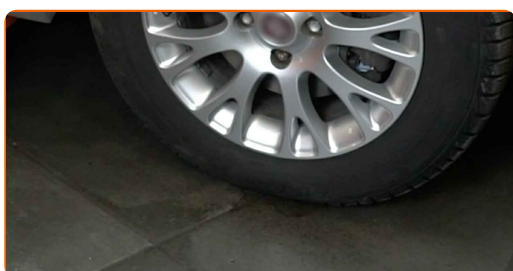
Screw in the wheel bolts. Use wheel impact socket #17.



- 34** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



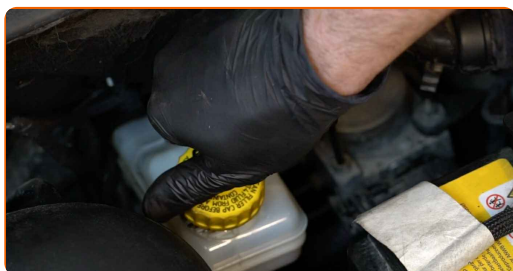
- 35** Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – Fiat Punto 199. Check the brake fluid level in the reservoir and top up if necessary.

- 36** Tighten the brake fluid reservoir cap.

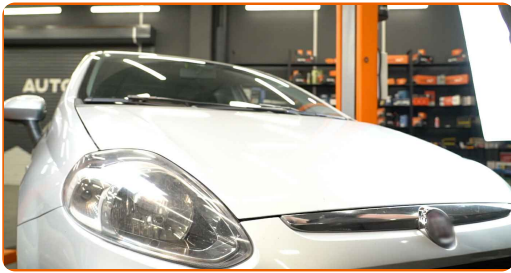


AUTODOC recommends:

- Fiat Punto 199 – Without starting the engine, press the brake pedal several times until it feels firm.

37

Close the hood.



WELL DONE! 

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