



How to change front
brake discs on **FIAT Idea**
(350_) – 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:
FIAT Idea (350_) 1.6 D Multijet

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: FIAT PANDA (169) 1.2

REPLACEMENT: BRAKE DISCS – FIAT IDEA (350_).
 TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 12
- Drive socket # 18
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Crow bar
- Pin punch
- Rubber mallet
- Hammer
- Round-nose pliers
- Wheel chock

Buy tools

Replacement: brake discs – FIAT Idea (350_). AUTODOC recommends:

- Replace the brake disks on the car FIAT Idea (350_) 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 Idea (350_) – 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.



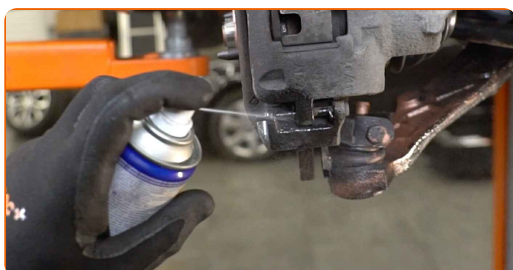
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
FIAT Idea (350_)

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray. Use all-purpose cleaning spray.



8 Spread the brake pads. Use a crowbar.



9 Remove the lock pin retainer clip. Use round-nose pliers.



10 Remove the brake caliper cotter pin. Use a pin punch. Use a hammer.



11 Lift the caliper up.

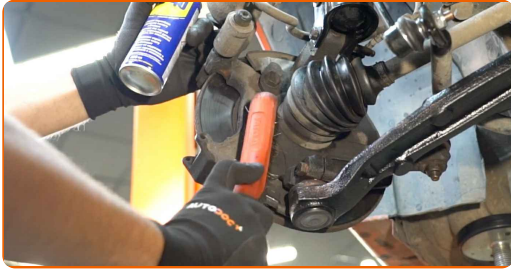


12 Remove the brake pads.



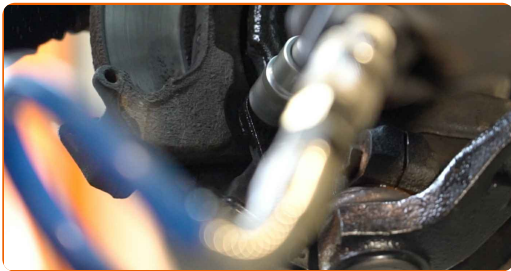
13

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



14

Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.



15

Remove the brake caliper together with its bracket.



Replacement: brake discs – FIAT Idea (350_). 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.

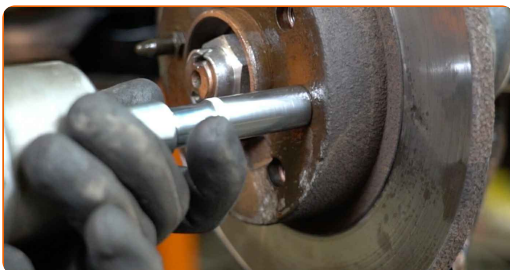
16

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



17

Unscrew the brake disc fastening. Use a drive socket #12. Use a ratchet wrench.



18 Remove the brake disc. Use a rubber mallet.



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



20 Clean the brake disk surface. Use all-purpose cleaning spray.

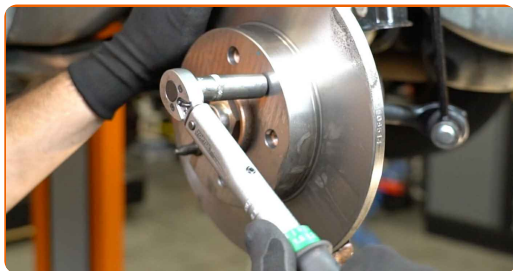


21 Install the brake disc.



22

Tighten the brake disc fastening. Use a drive socket #12. Use a torque wrench. Tighten it to 9 Nm torque.



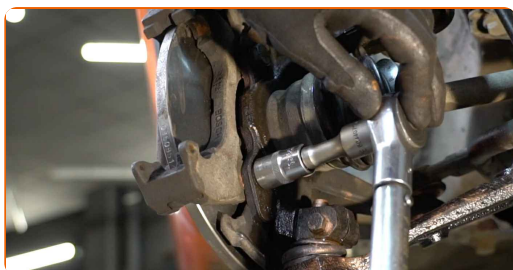
23

Install the brake caliper together with its bracket.



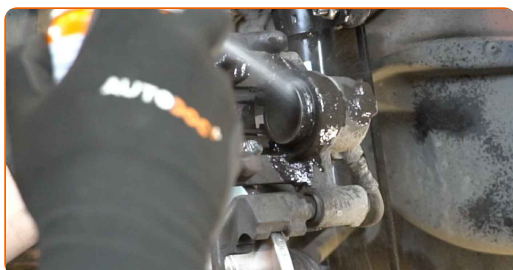
24

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 55 Nm torque.



25

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



AUTODOC recommends:

- Replacement: brake discs – FIAT Idea (350_). After applying the spray, wait a few minutes.

26

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



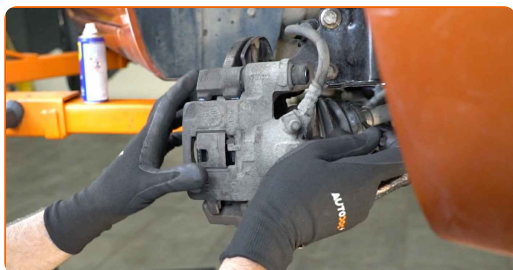
27

Install the brake pads.



28

Install the brake caliper and fix it.

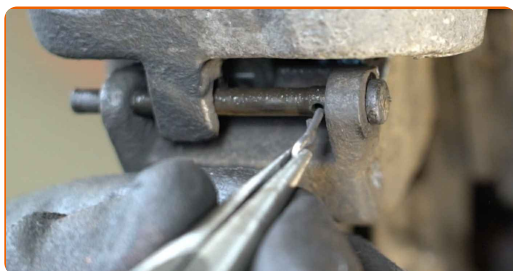


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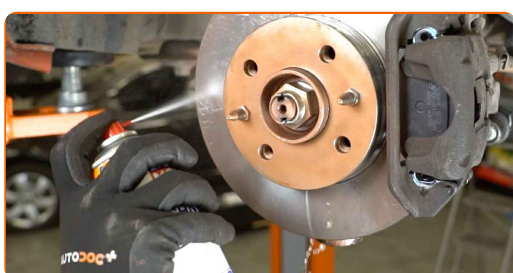
Install the brake caliper cotter pin. Use a pin punch. Use a hammer.



30 Install the lock pin retainer clip. Use round-nose pliers.



31 Treat the surface where the brake disc contacts the wheel rim. Use copper grease. Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – FIAT Idea (350_). After applying the spray, wait a few minutes.

32 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. FIAT Idea (350_)

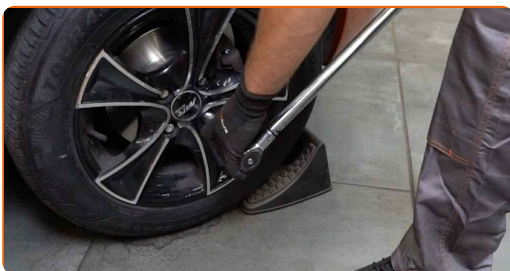
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Screw in the wheel bolts. Use wheel impact socket #17.



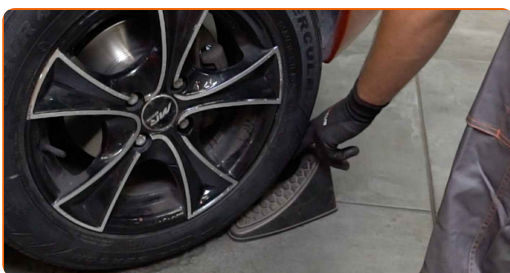
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Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 98 Nm torque.



35

Remove the jacks and chocks.

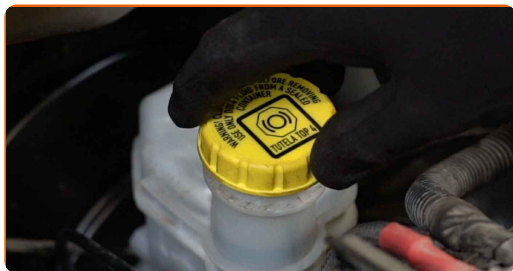


Replacement: brake discs – FIAT Idea (350_). Tip from AUTODOC experts:

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

36

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake discs – FIAT Idea (350_). Tip from AUTODOC experts:

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

WELL DONE! 

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