



How to change rear  
brake discs on **Opel**  
**Meriva X03** –  
replacement guide

## VIDEO TUTORIAL



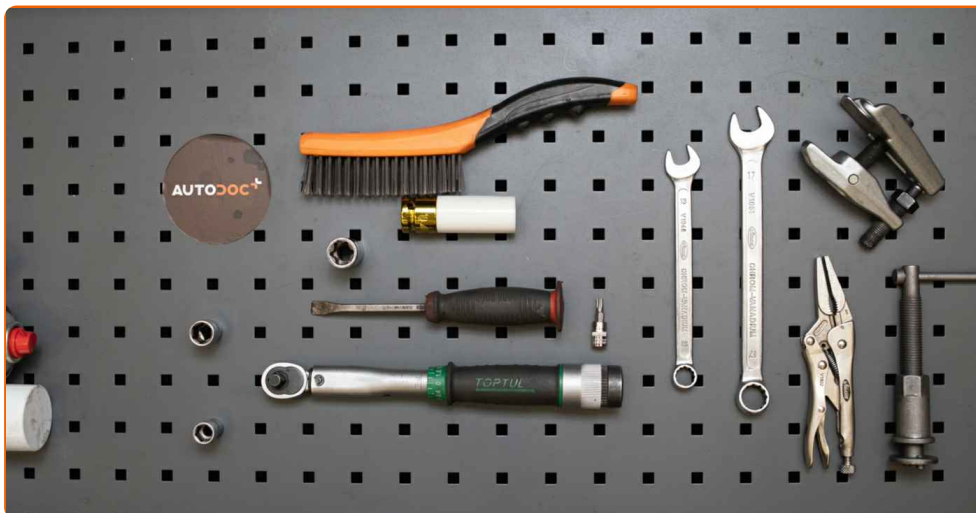
### Important!

This replacement procedure can be used for:

OPEL COMBO Box Body / Estate 1.7 DI 16V, OPEL COMBO Box Body / Estate 1.6, OPEL COMBO Box Body / Estate 1.7 DTI 16V, OPEL Meriva A (X03) 1.8 (E75), OPEL Meriva A (X03) 1.7 DTI (E75), OPEL COMBO Tour 1.6, OPEL COMBO Tour 1.7 DI 16V, OPEL COMBO Tour 1.7 DTI 16V, OPEL COMBO Tour 1.4, OPEL COMBO Tour 1.3 CDTI 16V, OPEL Astra H TwinTop (A04) 1.6 (L67), OPEL Astra H TwinTop (A04) 1.8 (L67), OPEL Astra H TwinTop (A04) 2.0 Turbo (L67), OPEL Astra H TwinTop (A04) 1.9 CDTi (L67), OPEL COMBO Box Body / Estate 1.4 16V, (+ 6)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – OPEL MERIVA X03.  
TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #17
- Drive socket # 13
- Drive socket # E20
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Rubber mallet
- Water pump pliers
- Crow bar
- Wheel chock

**BUY TOOLS**

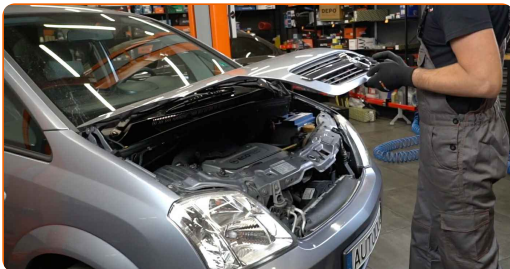
Replacement: brake discs – Opel Meriva X03. AUTODOC recommends:

- Replace the brake disks on the car Opel Meriva X03 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.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE DISCS – OPEL MERIVA X03. RECOMMENDED SEQUENCE OF 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 #17.



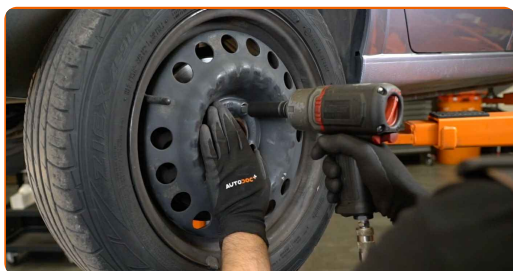
4

Raise the rear of the car and secure on supports.



5

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. Opel Meriva X03

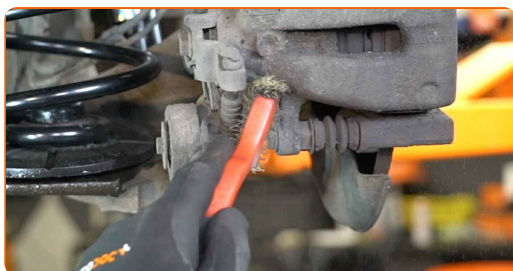
6

Remove the wheel.



7

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



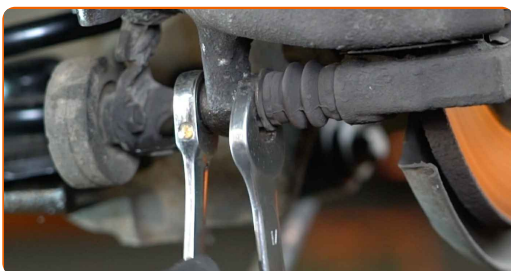
8

Release the parking brake cable. Use water pump pliers. Use a crowbar.



9

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #17.



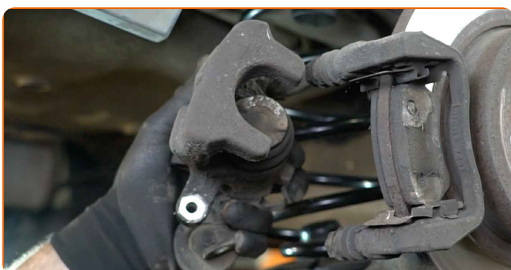
10

Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.



Replacement: brake discs – Opel Meriva X03. 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. Use a crowbar.



13

Clean the brake caliper bracket fasteners. Use a wire brush. Use a brake cleaner.



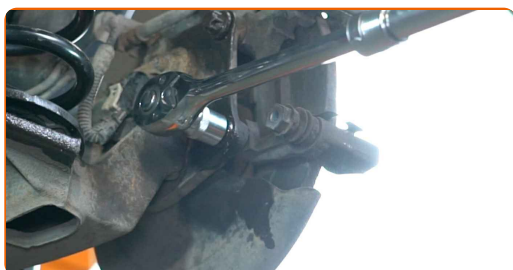


**AUTODOC recommends:**

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

14

Unscrew the caliper bracket fastening. Use a drive socket #E20. 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.

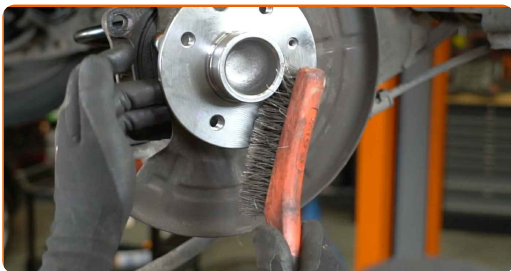


Replacement: brake discs – Opel Meriva X03. Professionals recommend:

- If necessary, use a rubber mallet.

**19**

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



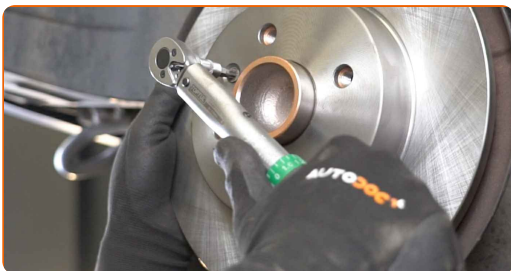
**20**

Install the brake disc.



**21**

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 8 nm torque.



22

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

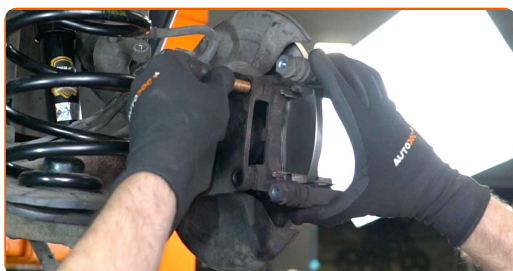


**AUTODOC recommends:**

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

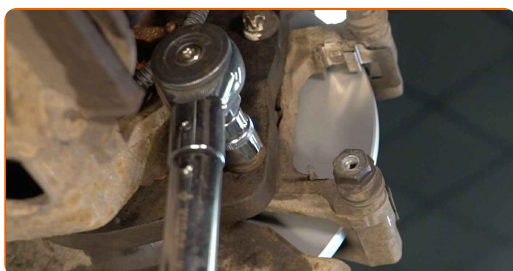
23

Install the brake caliper bracket.



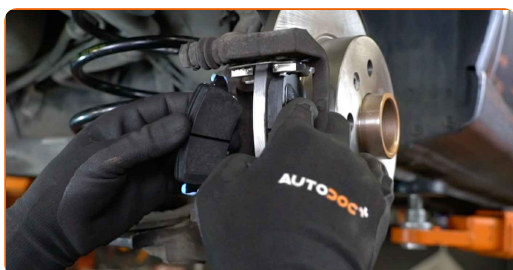
24

Tighten the brake caliper bracket. Use a drive socket #E20. Use a torque wrench. Tighten it to 100 nm torque.



25

Install the brake pads.



26

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



**AUTODOC recommends:**

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

27

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

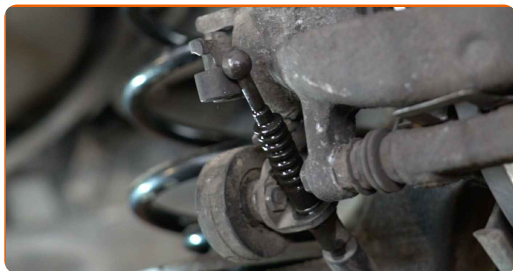


28

Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 25 nm torque.



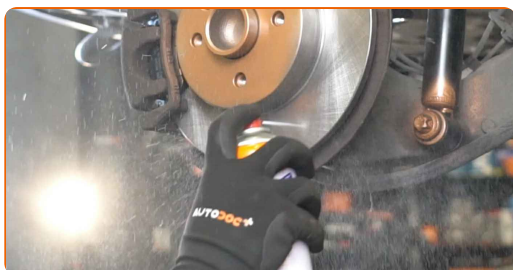
**29** Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.



**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 – Opel Meriva X03. After applying the spray, wait a few minutes.

**32** Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. Opel Meriva X03

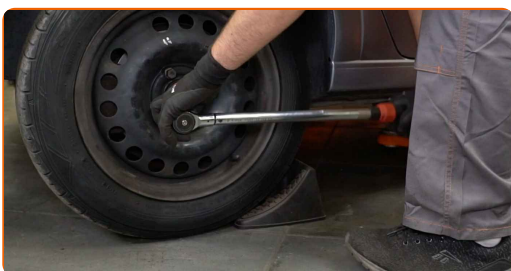
**33**

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 110 Nm torque.



**35**

Remove the jacks and chocks.



**Replacement: brake discs – Opel Meriva X03. Tip from AUTODOC:**

- 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 – Opel Meriva X03. 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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