



How to change front  
brake pads on **Opel**  
**Meriva X03** –  
replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

OPEL Meriva A (X03) 1.4 16V Twinport LPG (E75), OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), OPEL ZAFIRA B Van 1.7 CDTI (M75), OPEL ZAFIRA B Van 1.6 CNG Turbo (M75), OPEL ZAFIRA B Van 1.8 (M75), OPEL Corsa D Hatchback (S07) 1.6 Turbo (L08, L68), OPEL Meriva B (S10) 1.4 LPG (75), 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 Meriva A (X03) 1.7 CDTI (E75), OPEL COMBO Tour 1.6, (+ 85)

The steps may slightly vary depending on the car design.

**REPLACEMENT: BRAKE PADS – OPEL MERIVA X03.  
TOOLS YOU NEED:**



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Crow bar
- Wheel chock

**BUY TOOLS**

Replacement: brake pads – Opel Meriva X03. AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – Opel Meriva X03 – should be done with the engine switched off.

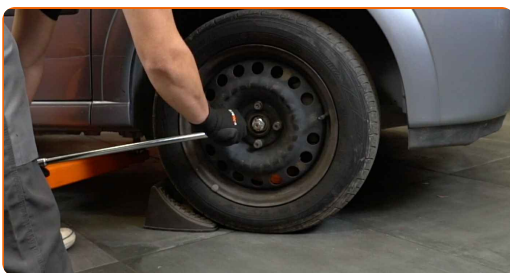
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.

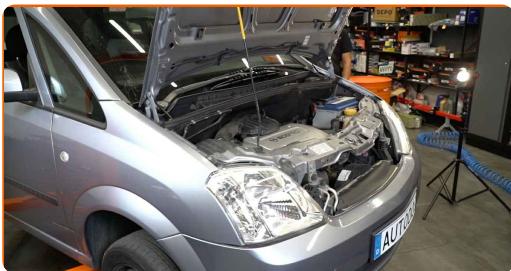


**2** Secure the wheels with chocks.

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



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



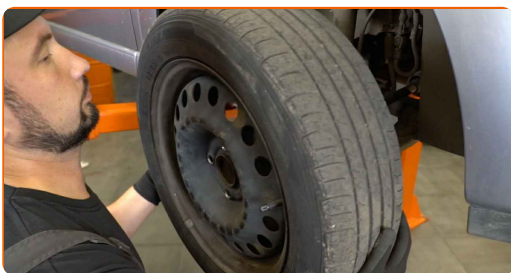
**5** Unscrew the wheel bolts.



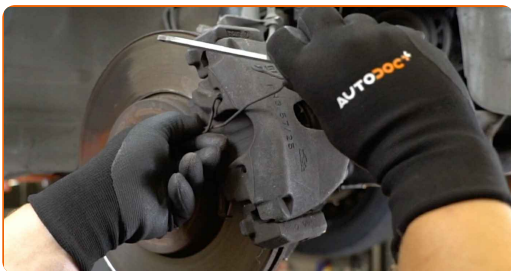
**AUTODOC recommends:**

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

**6** Remove the wheel.



**7** Detach the brake caliper retaining spring. Use a crowbar.

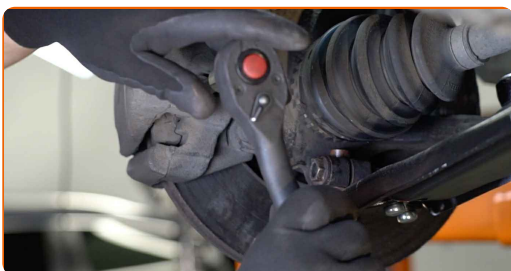


**8**

Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

**9**

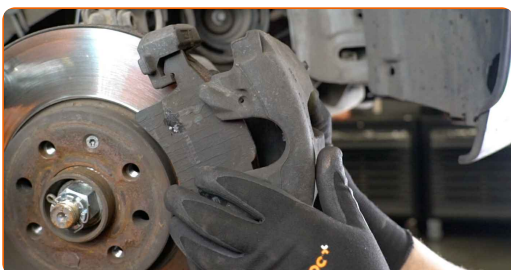
Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

**10**

Spread the brake pads. Use a crowbar.

**11**

Remove the brake caliper.



Replacement: brake pads – 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.



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

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

13

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



**AUTODOC recommends:**

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

14

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



15

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



**AUTODOC recommends:**

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



- 16** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



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

- Make sure the disc surface is clean before installing the pads.

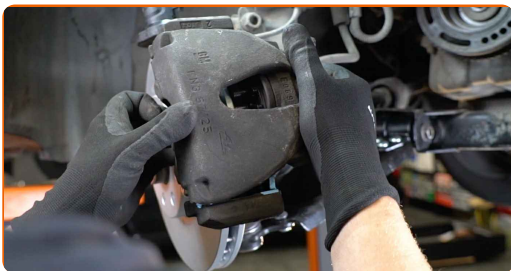
- 17** Install new brake pads.



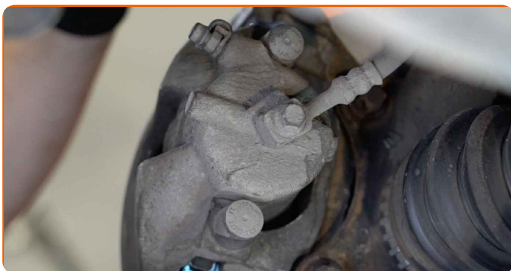
**Replacement: brake pads – Opel Meriva X03. Tip:**

- Make sure the pads are installed with linings facing the disc.

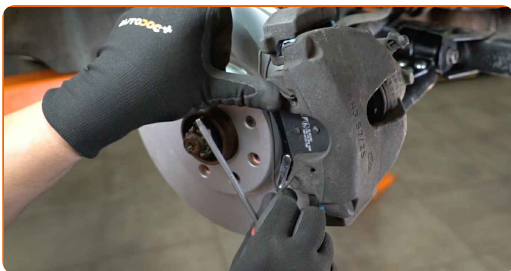
**18** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 27 Nm torque.



**19** Install the dust boot caps of the brake caliper guide pins.



**20** Install the brake caliper retaining spring.



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



**22** Clean the brake disk surface. Use a brake cleaner.

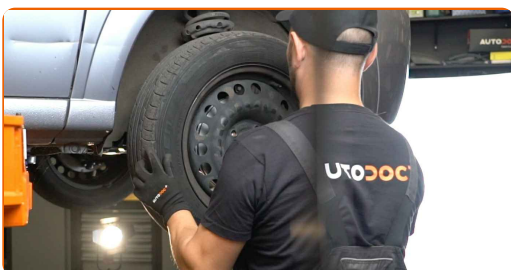


**AUTODOC recommends:**

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

**23**

Install the wheel.

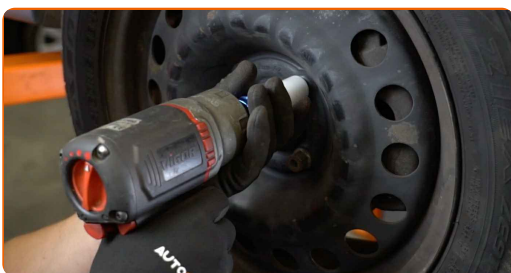


**AUTODOC recommends:**

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

**24**

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



**25**

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.

**26**

Remove the jacks and chocks.



**Replacement: brake pads – Opel Meriva X03. Tip:**

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

**27**

Tighten the brake fluid reservoir cap.



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

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

**28**

Close the hood.



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

- Slow down smoothly for first 150-200 km after the brake pads replacement.  
Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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