



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

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

OPEL Astra F Convertible (T92) 1.8 i 16V, 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 Astra G CC (T98) 1.2 16V (F08, F48), OPEL Astra G CC (T98) 1.6 (F08, F48), OPEL Astra G CC (T98) 1.6 16V (F08, F48), OPEL Astra G CC (T98) 1.8 16V (F08, F48), OPEL Astra G CC (T98) 2.0 16V (F08, F48), OPEL Astra G CC (T98) 1.7 TD (F08, F48), OPEL Astra G CC (T98) 2.0 DI (F08, F48), OPEL Astra G Caravan (T98) 1.2 16V (F35), OPEL Astra G Caravan (T98) 1.6 (F35), OPEL Astra G Caravan (T98) 1.6 16V (F35), OPEL Astra G Caravan (T98) 1.8 16V (F35), (+ 188)

The steps may slightly vary depending on the car design.

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



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #17
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Water pump pliers
- 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.

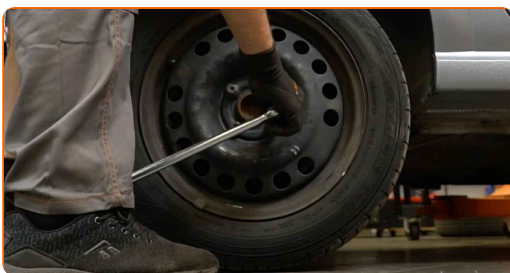
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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

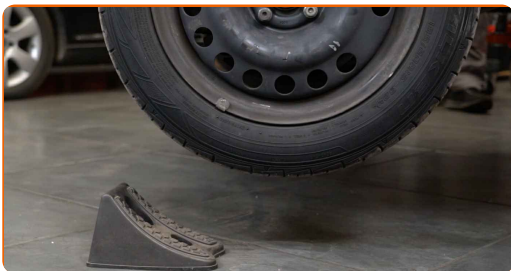


2 Secure the wheels with chocks.

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



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



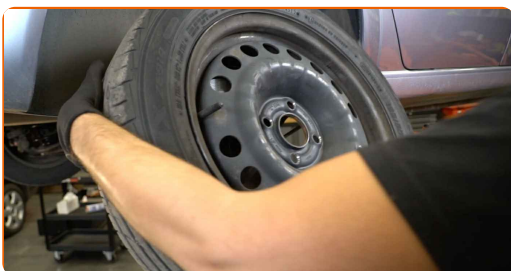
5 Unscrew the wheel bolts.



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.



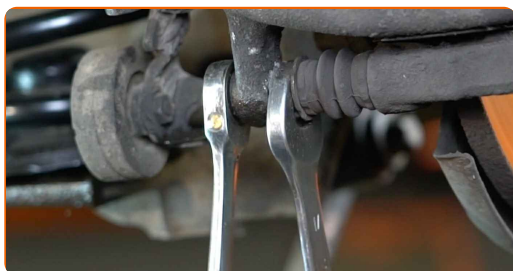
8

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.



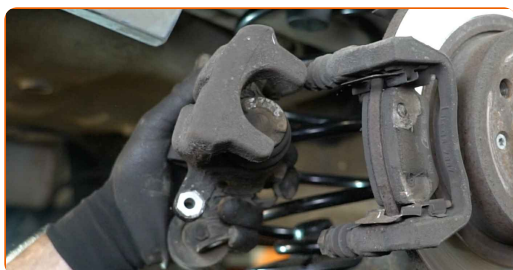
10

Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.

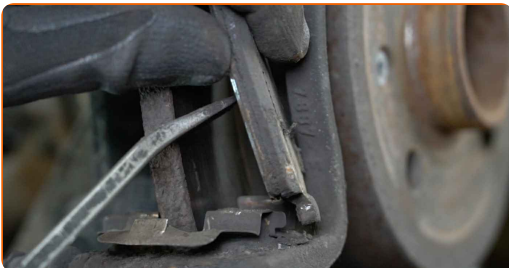


Replacement: brake pads – Opel Meriva X03. Professionals recommend:

- 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.



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

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

13

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.

14

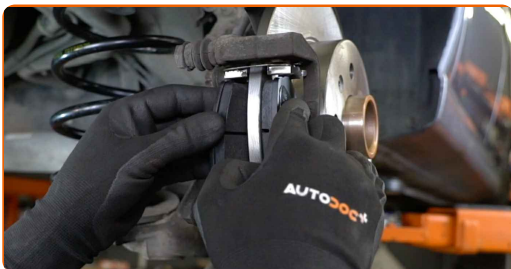
Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



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

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

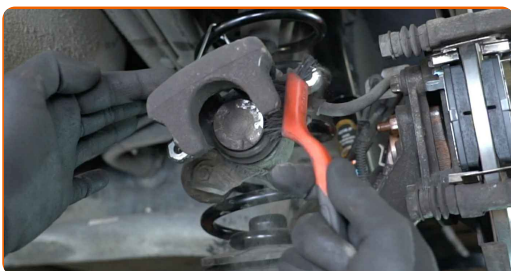
15 Install new brake pads.



Replacement: brake pads – Opel Meriva X03. Tip:

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

16 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.

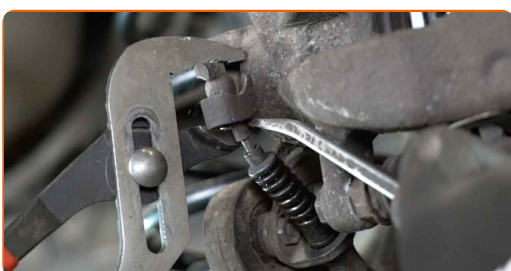
17 Press in the brake caliper piston. Use brake caliper wind back tool.



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



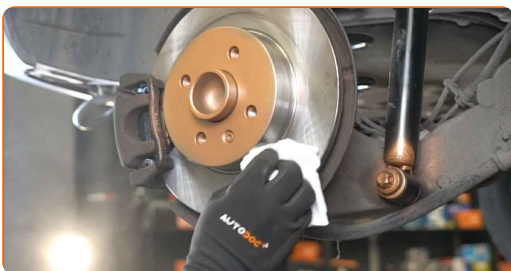
19 Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.



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



21 Clean the brake disk surface. Use a brake cleaner.

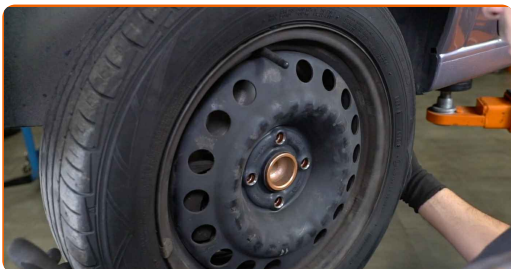


Replacement: brake pads – Opel Meriva X03. Professionals recommend:

- After applying the spray, wait a few minutes.

22

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Opel Meriva X03

23

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



24

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.



25

Remove the jacks and chocks.



AUTODOC recommends:

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

26

Tighten the brake fluid reservoir cap. Close the hood.



AUTODOC recommends:

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