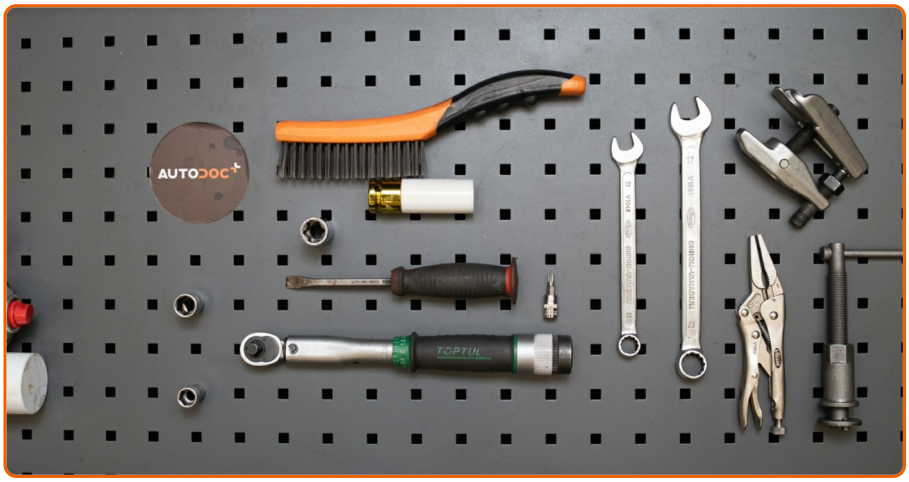
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
OPEL ASTRA G Box (F70) 1.6 (F70), OPEL ASTRA G CLASSIC Caravan (F35) 1.6, OPEL ASTRA G CLASSIC Saloon (T98) 1.6 16V (F69), OPEL ASTRA G Convertible (T98) 1.6 16V (F67), OPEL ASTRA G Coupe (T98) 1.6 16V (F07), OPEL ASTRA G Estate (T98) 1.6 16V (F35), OPEL ASTRA G Estate (T98) 1.6 LPG (F35), OPEL ASTRA G Hatchback (T98) 1.6 16V (F08, F48), OPEL ASTRA G Hatchback (T98) 1.6 LPG (F08, F48), OPEL ASTRA G Saloon (T98) 1.6 16V (F69), OPEL ASTRA G Saloon (T98) 1.6 LPG (F69), OPEL MERIVA A MPV (X03) 1.6 16V (E75), OPEL ZAFIRA A MPV (T98) 1.6 (F75), OPEL ZAFIRA A MPV (T98) 1.6 16V (F75)

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

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.

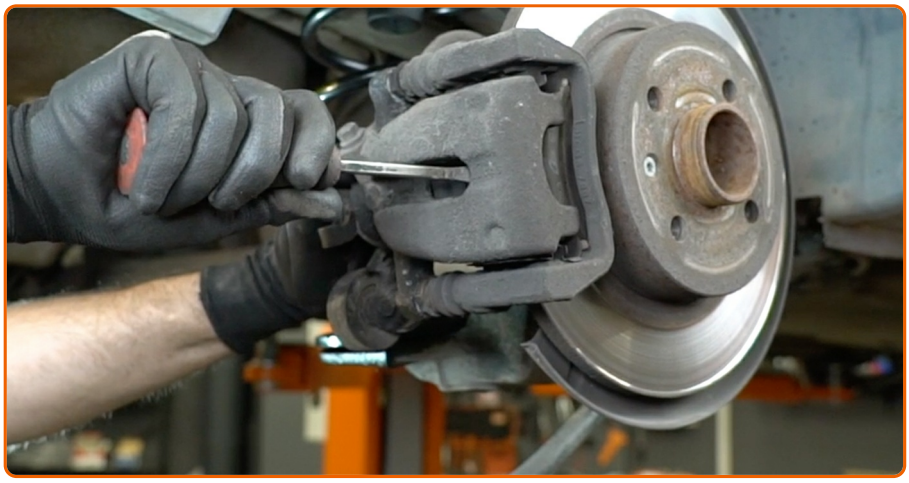
8

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.

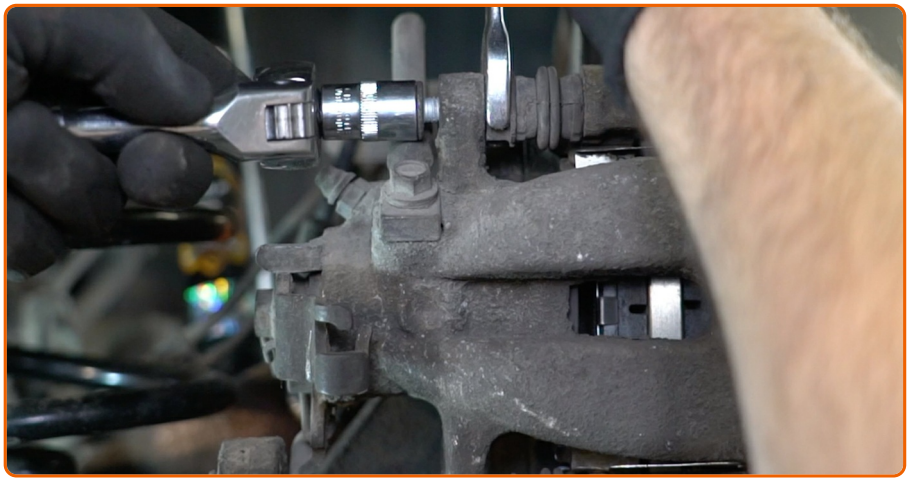
AUTODOC recommends:

- 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

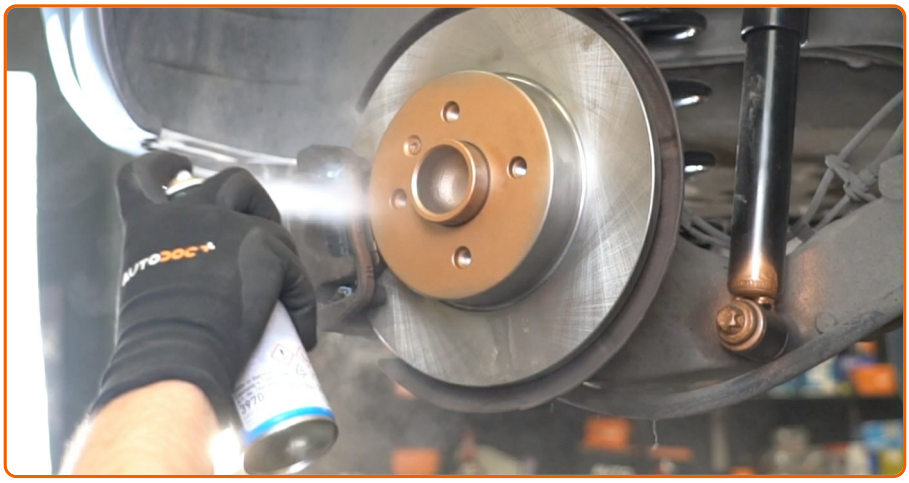


Install the brake caliper and fix it. Use a drive socket #13. Use a combination spanner #17. Use a torque wrench. Tighten it to 35 nm torque.

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.

AUTODOC recommends:

- Replacement: brake pads – Opel Meriva X03. 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 120 Nm torque.

25

Remove the jacks and chocks.

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

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

26

Tighten the brake fluid reservoir cap. Close the hood.

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

- 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 unneccessary and sharp braking to a stop.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

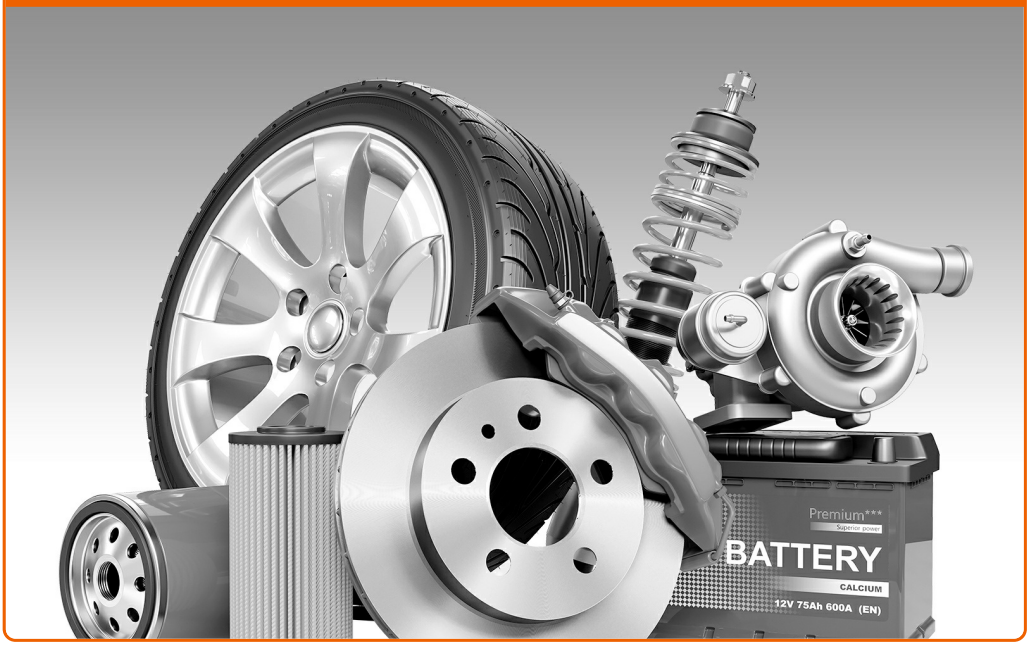
YES NO

BECOME A MEMBER OF AUTODOC CLUB!

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR



BUY SPARE PARTS FOR OPEL

BRAKE PADS: A WIDE SELECTION

CHOOSE CAR PARTS FOR OPEL MERIVA X03

BRAKE PADS FOR OPEL: BUY NOW

BRAKE PADS FOR OPEL MERIVA X03: THE BEST DEALS & OFFERS

Disclaimer:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AutoDoc shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AutoDoc shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AutoDoc shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AutoDoc strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2018 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by Autodoc GmbH.