



How to change rear  
brake pads on  
**VAUXHALL Meriva Mk I  
(A) (X03)** – 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:

VAUXHALL Meriva Mk I (A) (X03) 1.7 DTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 i, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.8 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.7 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.3 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 Turbo, VAUXHALL Meriva Mk I (A) (X03) 1.4 16V Twinport, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V Twinport

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: OPEL ZAFIRA B (A05) 1.8 (M75)

**REPLACEMENT: BRAKE PADS – VAUXHALL MERIVA MK I (A) (X03). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 11
- Drive socket # 13
- Combination spanner #11
- Combination spanner #13
- Combination spanner #17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Brake bleeder kit
- Brake hose clip
- Crow bar
- Wheel chock

**Buy tools**

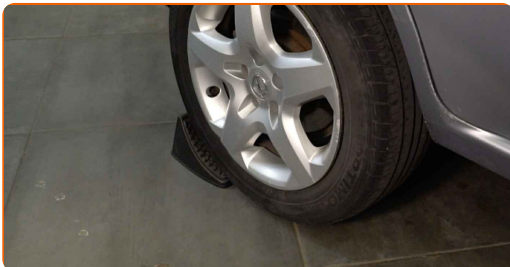
Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). AUTODOC recommends:

- 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.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE PADS – VAUXHALL MERIVA MK I (A) (X03). USE THE FOLLOWING PROCEDURE:**

**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.

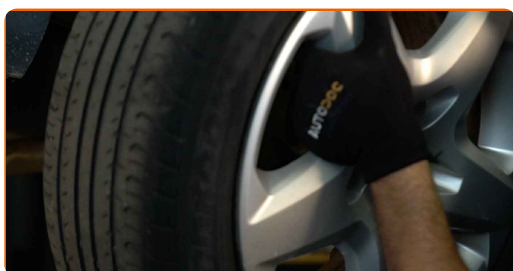
**5** Unscrew the wheel bolts.



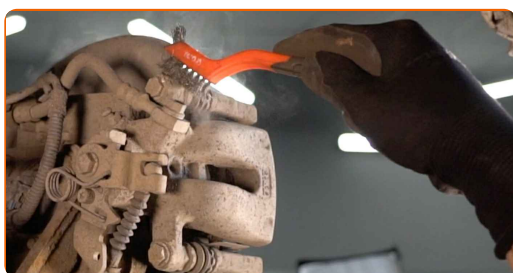
**AUTODOC recommends:**

- To avoid injury, hold up the wheel when unscrewing the bolts.

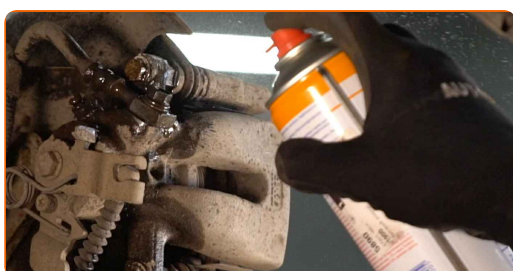
**6** Remove the wheel.



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



**8** Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.

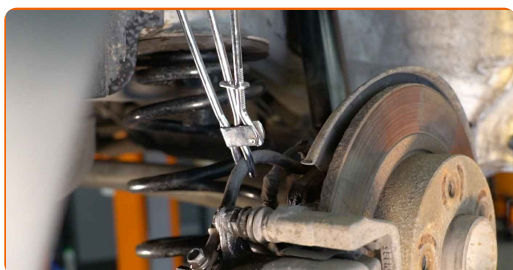


**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.

**9**

Clamp the brake hose off using a brake hose clamp.



**10**

Unscrew the brake hose from the brake caliper. Use a combination spanner #11.



**11**

Disconnect the brake hose.



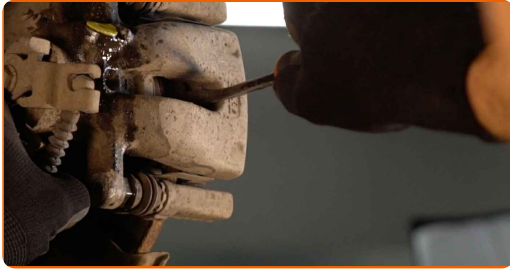
**12**

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



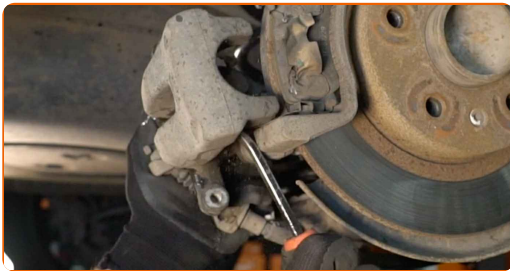
**13**

Spread the brake pads. Use a crowbar.



**14**

Remove the brake caliper. Use a crowbar.



**Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). Tip:**

- 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.

**15**

Remove the brake pads. Use a crowbar.



Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). Professionals recommend:

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

**16**

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



AUTODOC recommends:

- Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.



- 17** 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 – VAUXHALL Meriva Mk I (A) (X03). Tip from AUTODOC:

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

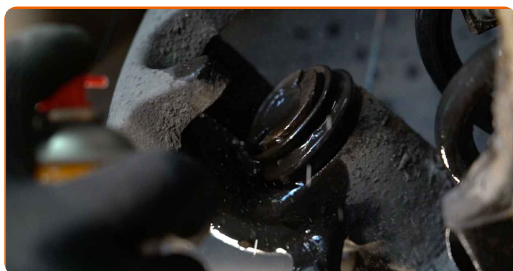
- 18** Install new brake pads.



Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). AUTODOC experts recommend:

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

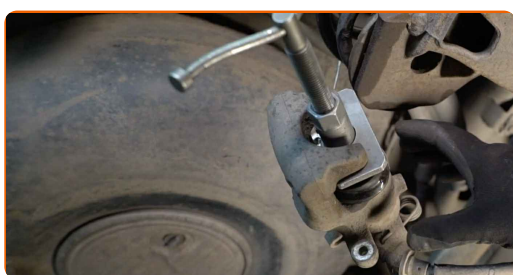
**19** Treat the brake caliper piston. Use a brake cleaner.



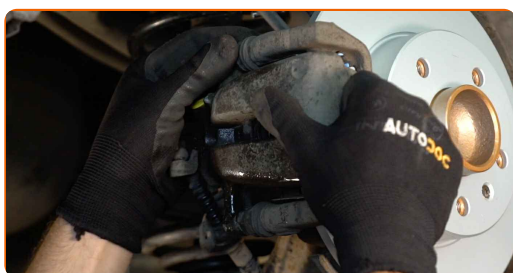
Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). Tip:

- After applying the spray, wait a few minutes.

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



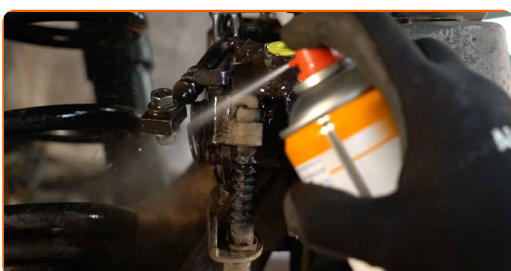
**21** Install the brake caliper and fix it.



- 22** Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.



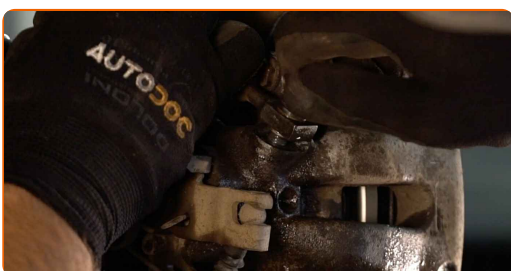
- 23** Treat the brake hose. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.

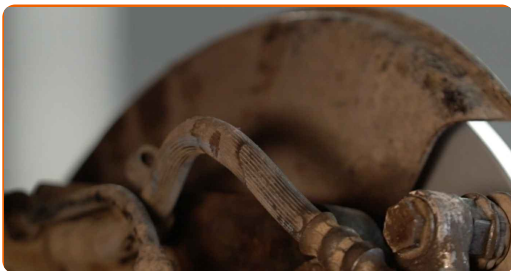
- 24** Attach the brake hose.



- 25** Tighten the brake hose fastener. Use a drive socket #11. Use a torque wrench. Tighten it to 40 Nm torque.



26 Remove the brake hose clamp.

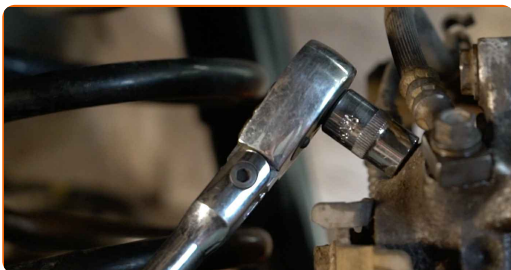


27 Clean dirt from the brake hose bolt. Use a wire brush. Use a brake cleaner.

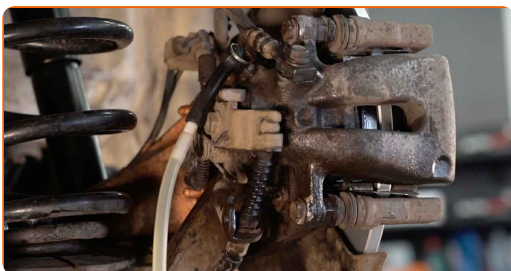
**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.

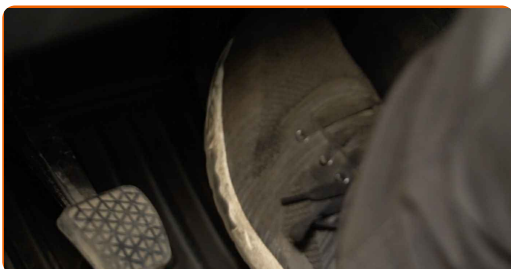
28 Undo the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.



29 Connect the brake bleeder kit to the brake bleeder screw.



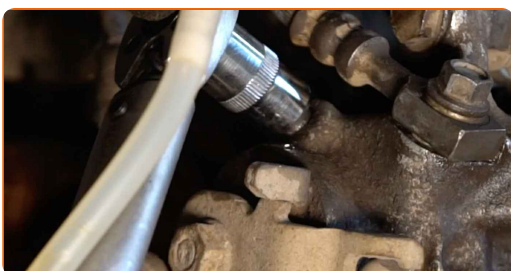
- 30** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



- 31** Disconnect the brake bleeder kit.

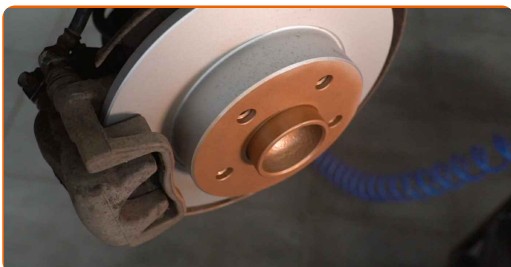


- 32** Tighten the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.



- 33** Tighten the brake caliper bleed screw. Use a drive socket #11. Use a torque wrench. Tighten it to 10 Nm torque.

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



35

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

36

Install the wheel.

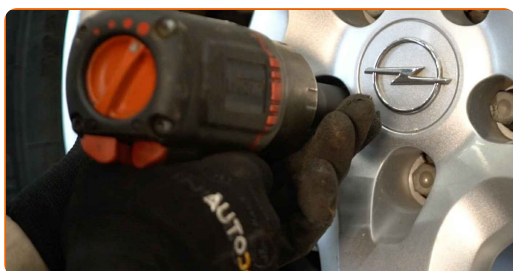


AUTODOC recommends:

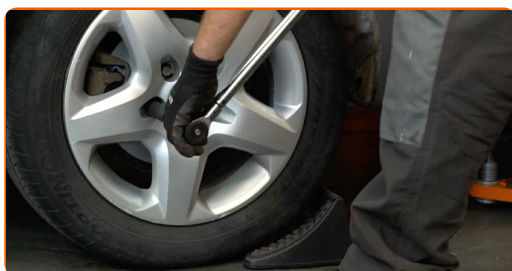
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Meriva Mk I (A) (X03)

37

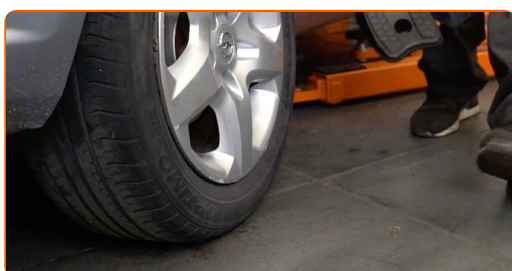
Screw in the wheel bolts. Use wheel impact socket #17.



- 38** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



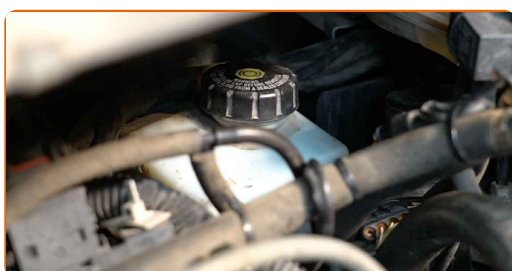
- 39** Remove the jacks and chocks.



**Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). Tip:**

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

- 40** Tighten the brake fluid reservoir cap.



**AUTODOC recommends:**

- VAUXHALL Meriva Mk I (A) (X03) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

41

Close the hood.

Replacement: brake pads – VAUXHALL Meriva Mk I (A) (X03). AUTODOC recommends:

- 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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