



How to change front  
brake pads on  
**VAUXHALL Adam (M13)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

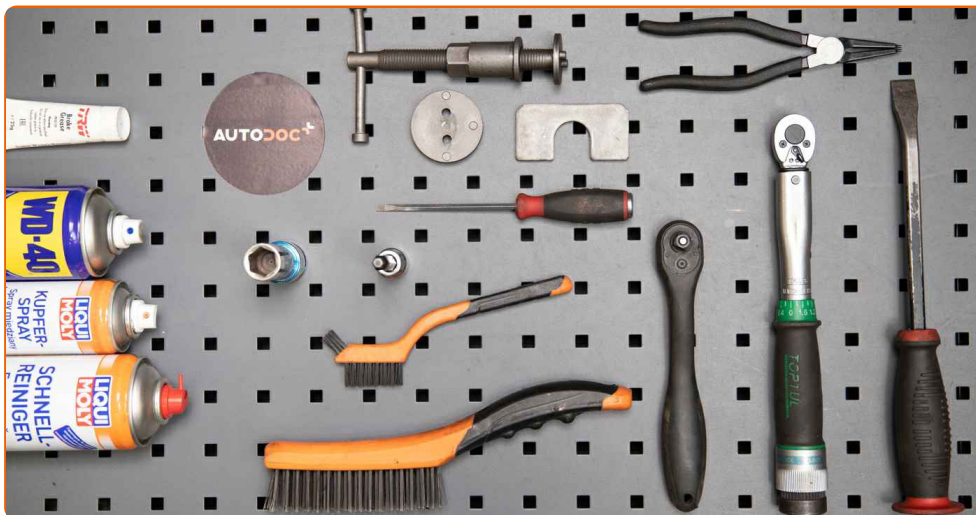
This replacement procedure can be used for:

VAUXHALL Adam (M13) 1.4 S

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 Astra H Caravan (A04) 1.3 CDTI (L35)

REPLACEMENT: BRAKE PADS – VAUXHALL ADAM (M13). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Flat Screwdriver
- Crow bar
- Pliers
- Wheel chock

**Buy tools**

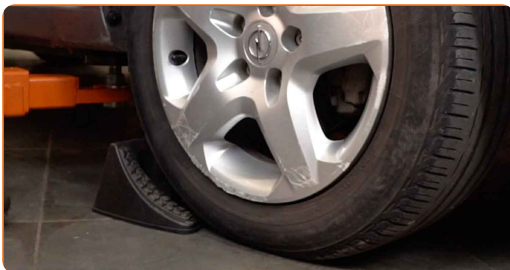
Replacement: brake pads – VAUXHALL Adam (M13). AUTODOC experts recommend:

- Replace the brake disks on the car VAUXHALL Adam (M13) 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.
- Please note: all work on the car – VAUXHALL Adam (M13) – should be done with the engine switched off.

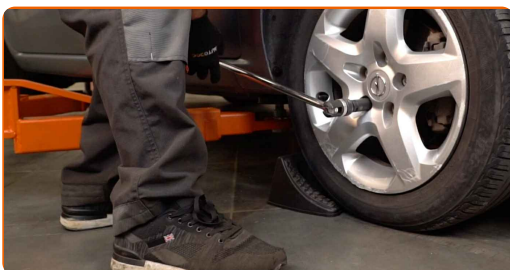
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**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.



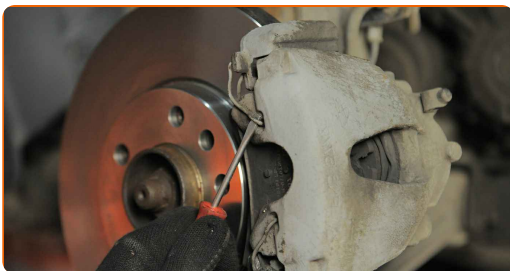
Replacement: brake pads – VAUXHALL Adam (M13). Tip:

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

**6** Remove the wheel.



**7** Detach the brake caliper retaining spring. Use a flat screwdriver.



8

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



9

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

10

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



11

Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.

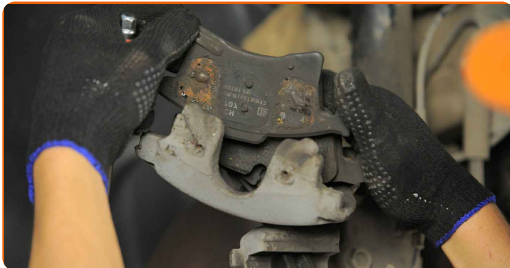


Replacement: brake pads – VAUXHALL Adam (M13). AUTODOC experts recommend:

- 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.

13

Remove the brake pads.



14

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



**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Adam (M13). After applying the spray, wait a few minutes.

**15**

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

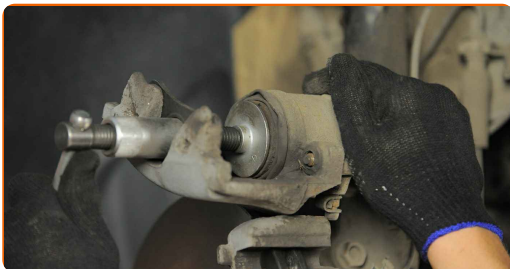


**Replacement: brake pads – VAUXHALL Adam (M13). Tip:**

- After applying the spray, wait a few minutes.

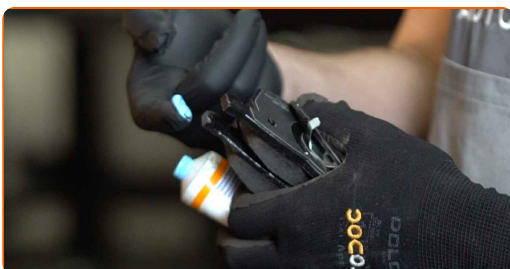
**16**

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



**17**

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



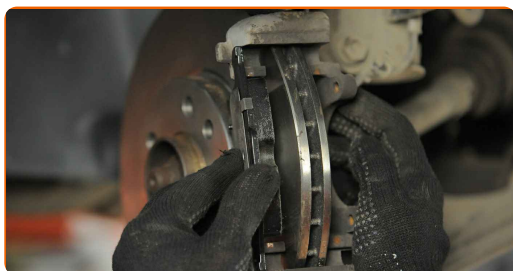


**AUTODOC recommends:**

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

**18**

Install new brake pads.



**Replacement: brake pads – VAUXHALL Adam (M13). Tip from AUTODOC:**

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

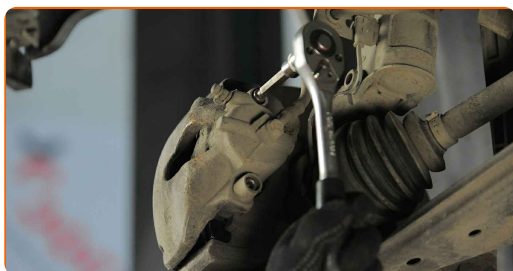
**19.1**

Install the brake caliper and fix it.



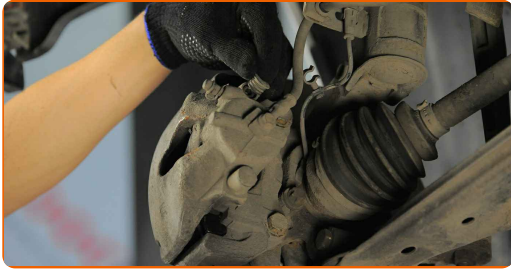
**19.2**

Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



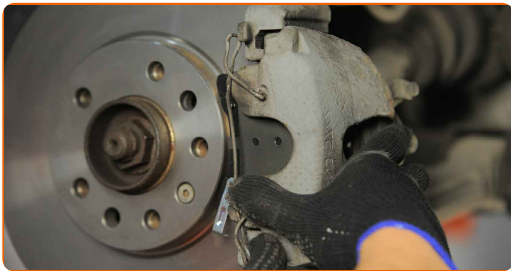
**20**

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



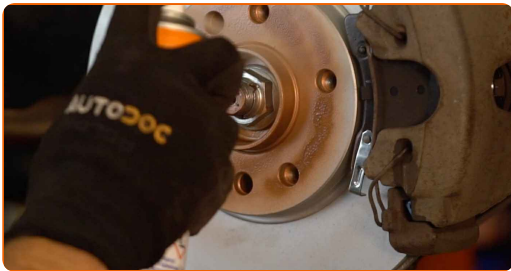
**21**

Install the brake caliper retaining spring. Use a flat screwdriver. Use pliers.



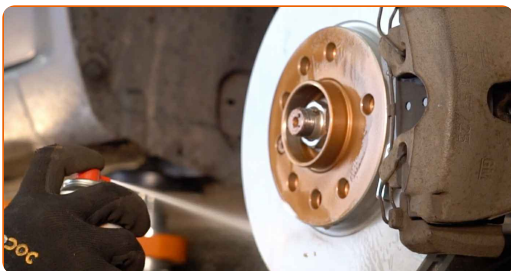
**22**

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



**23**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Adam (M13). After applying the spray, wait a few minutes.

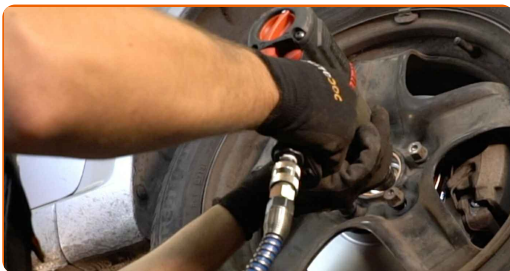
**24** Install the wheel.



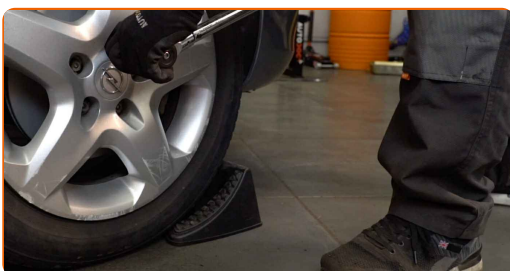
Replacement: brake pads – VAUXHALL Adam (M13). Tip:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



**26** 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.



27

Remove the jacks and chocks.



Replacement: brake pads – VAUXHALL Adam (M13). Tip from AUTODOC experts:

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

28

Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- VAUXHALL Adam (M13) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

**WELL DONE!** 

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