



How to change front
brake discs on **OPEL**
Adam (M13) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

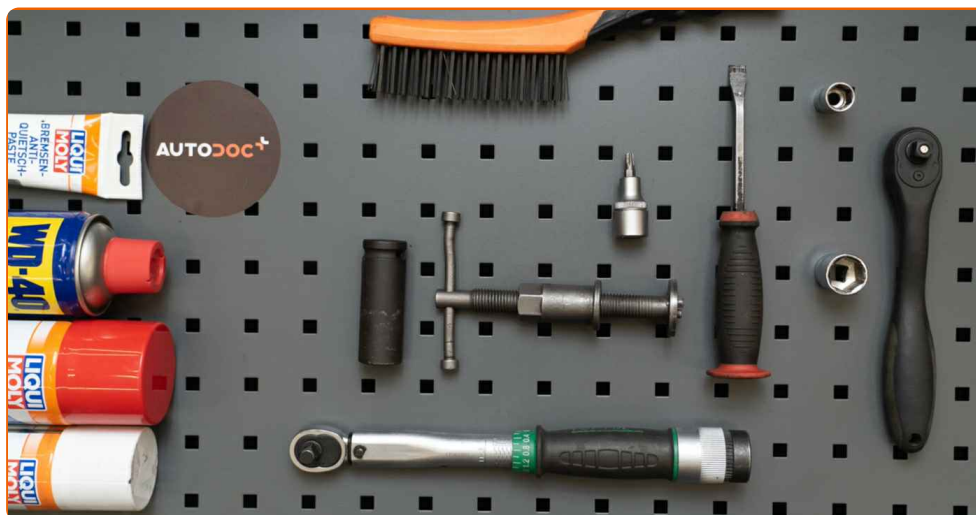
This replacement procedure can be used for:

OPEL Adam (M13) 1.2, OPEL Adam (M13) 1.4, OPEL Adam (M13) 1.0, OPEL 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 Corsa D Hatchback (S07) 1.3 CDTI (L08, L68)

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



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 13
- Drive socket # 19
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Tap wrench
- Crow bar
- Fender cover
- Wheel chock

Buy tools

Replacement: brake discs – OPEL Adam (M13). AUTODOC experts recommend:

- Replace the brake discs on the car OPEL 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.
- Warning! Shut down the engine before starting any work – OPEL Adam (M13)

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

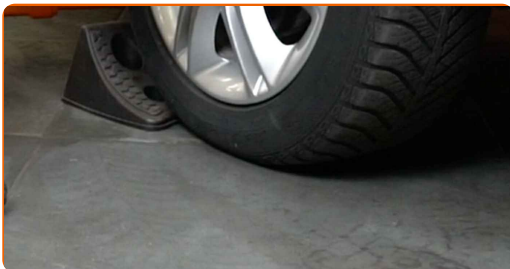
1 Open the bonnet.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Unscrew the brake fluid reservoir cap.



4 Secure the wheels with chocks.



5

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



6

Raise the front of the car and secure on supports.

7

Unscrew the wheel bolts.

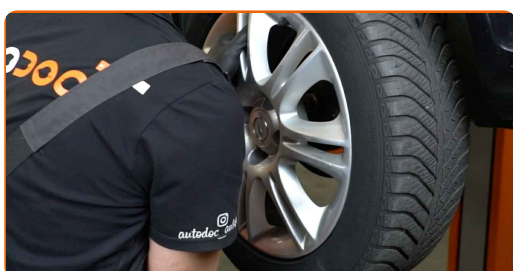


Replacement: brake discs – OPEL Adam (M13). AUTODOC experts recommend:

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

8

Remove the wheel.



9

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



10

Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.



11

Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.



Replacement: brake discs – OPEL Adam (M13). 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.

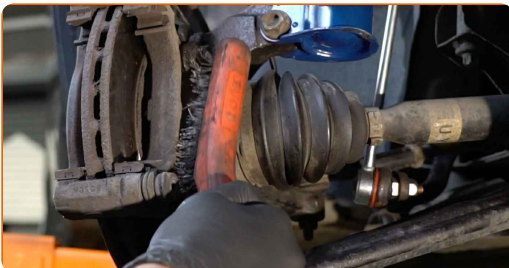
13

Remove the brake pads.



14

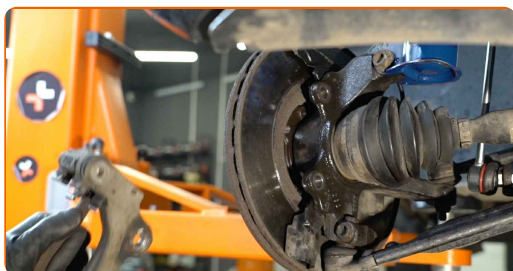
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



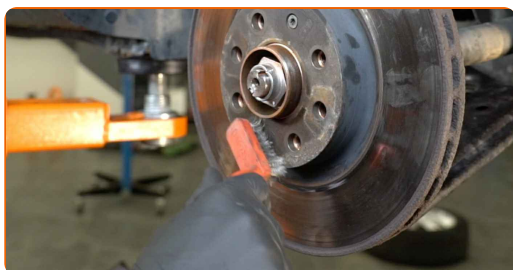
15 Unscrew the caliper bracket fastening. Use a drive socket #19. Use a tap wrench.



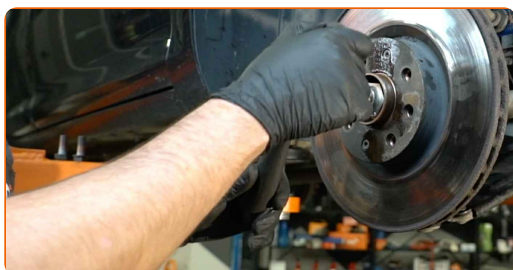
16 Remove the caliper bracket



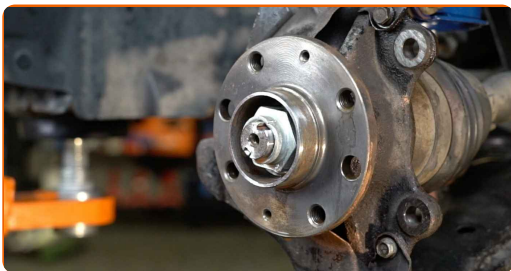
17 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



18 Unscrew the brake disc fastening Use Torx T30. Use a ratchet wrench.



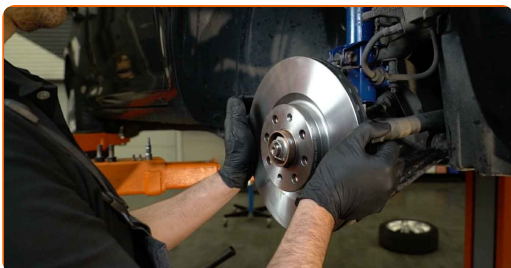
19 Remove the brake disc.



20 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



21 Install the brake disc.

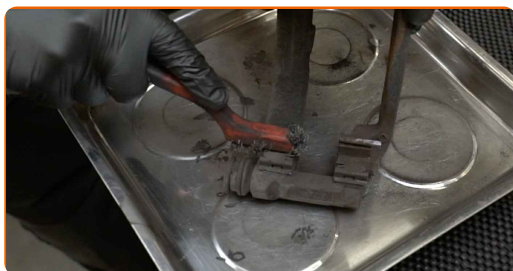


22 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 7 Nm torque.



23

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

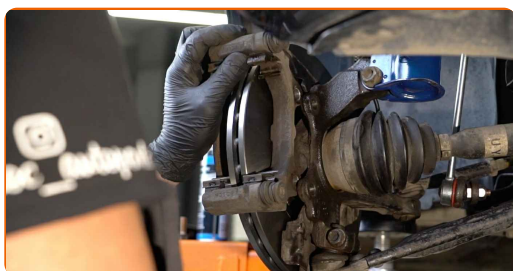


AUTODOC recommends:

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

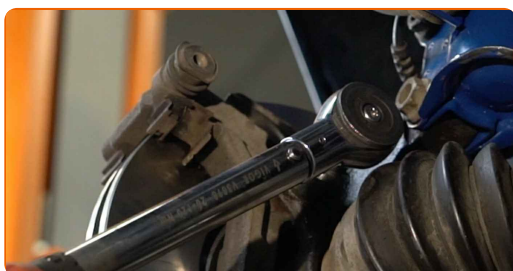
24

Install the brake caliper bracket.



25

Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 105 Nm torque.



26

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

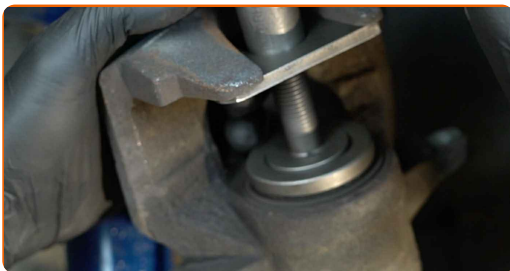


Replacement: brake discs – OPEL Adam (M13). AUTODOC recommends:

- After applying the spray, wait a few minutes.

27

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



28

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



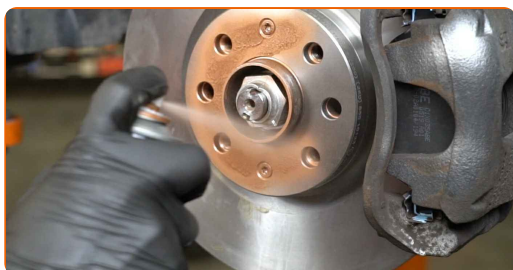
29 Install the brake pads.



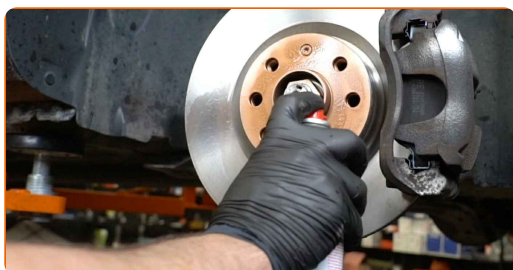
30 Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



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



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



Replacement: brake discs – OPEL Adam (M13). Tip:

- After applying the spray, wait a few minutes.

33 Install the wheel.



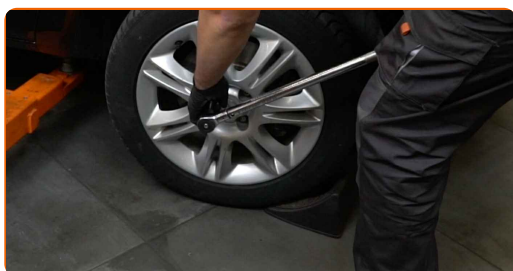
AUTODOC recommends:

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

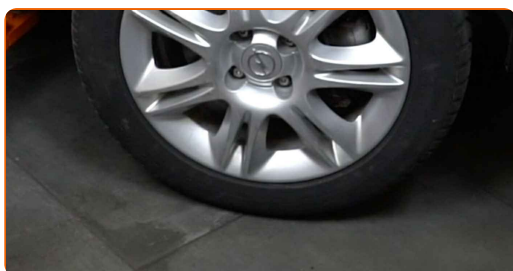
34 Screw in the wheel bolts. Use wheel impact socket #17.



35 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.



36 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – OPEL Adam (M13). Check the brake fluid level in the reservoir and top up if necessary.

37

Tighten the brake fluid reservoir cap.



38

Remove the fender protection cover.

39

Close the hood.

Replacement: brake discs – OPEL Adam (M13). Tip from AUTODOC experts:

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

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BRAKE DISCS: A WIDE SELECTION

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