



How to change front  
brake discs on  
**VAUXHALL Astra Mk V  
(H) (A04) Hatchback** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **Important!**

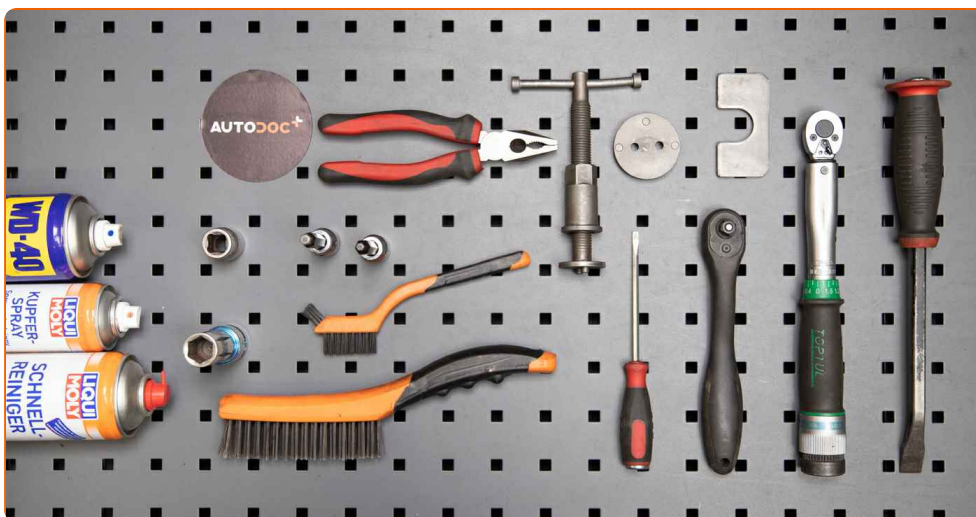
This replacement procedure can be used for:

VAUXHALL Astra Mk V (H) (A04) Hatchback 1.4, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.6, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.8, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.7 CDTI, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.3 CDTI, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.7 CDTi

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 DISCS – VAUXHALL ASTRA MK V (H) (A04) HATCHBACK. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 18
- HEX bit No.H5.
- 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**

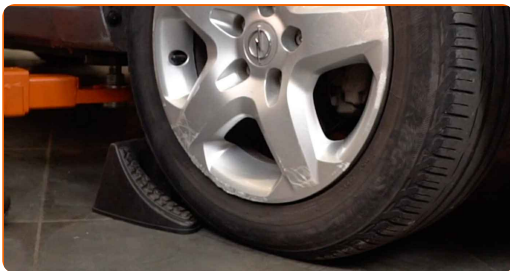
**Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback.  
AUTODOC recommends:**

- Replace the brake disks on the car VAUXHALL Astra Mk V (H) (A04) Hatchback 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.
- All work should be done with the engine stopped.

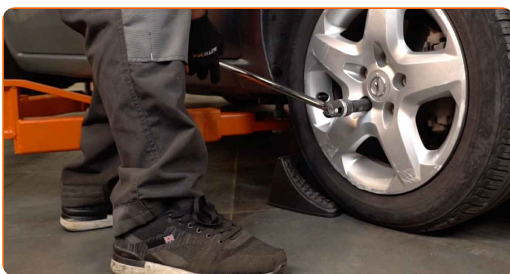
**REPLACEMENT: BRAKE DISCS – VAUXHALL ASTRA MK V (H) (A04) HATCHBACK. USE THE FOLLOWING PROCEDURE:**

**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 front of the car and secure on supports.

**5** Unscrew the wheel bolts.



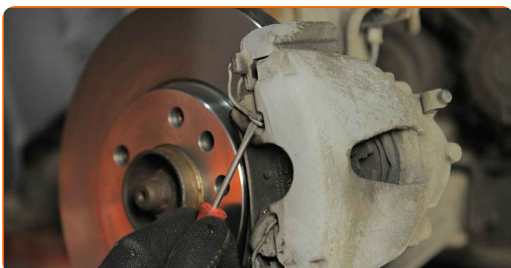
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. VAUXHALL Astra Mk V (H) (A04) Hatchback

**6** Remove the wheel.

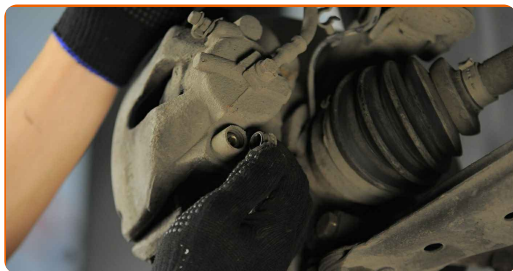


**7** Detach the brake caliper retaining spring. Use a flat screwdriver.



8

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

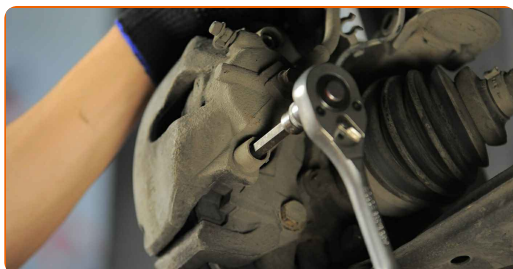


9

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

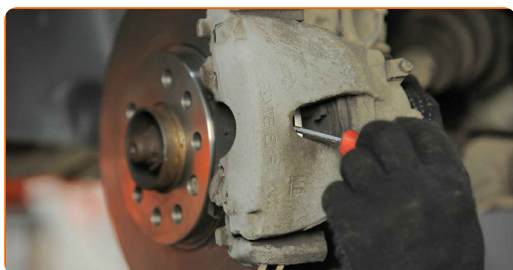
10

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



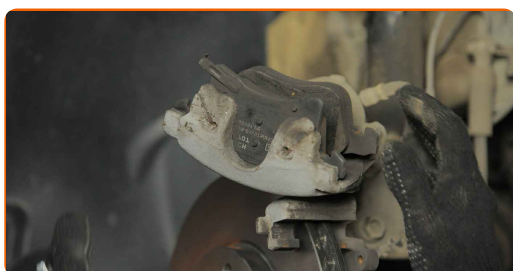
11

Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.

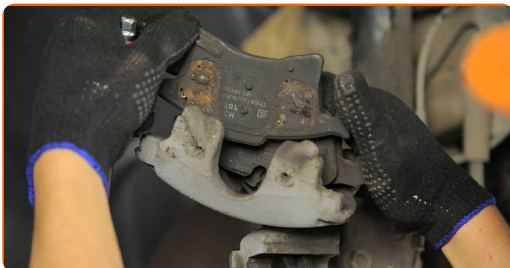


Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback.  
Professionals recommend:

- 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.

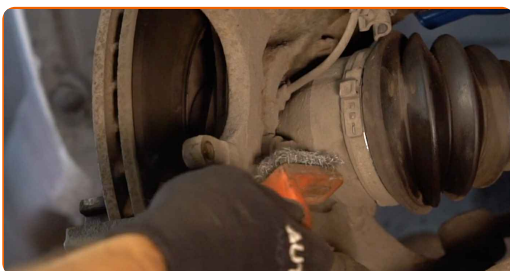
13

Remove the brake pads.



14

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

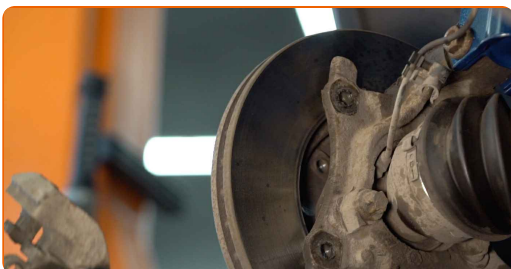


**15** Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.

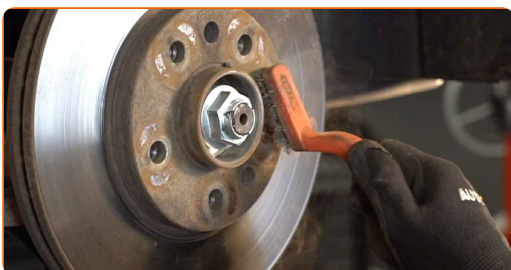


**16** Remove the fastening bolts (2 pieces).

**17** Remove the caliper bracket.



**18** Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

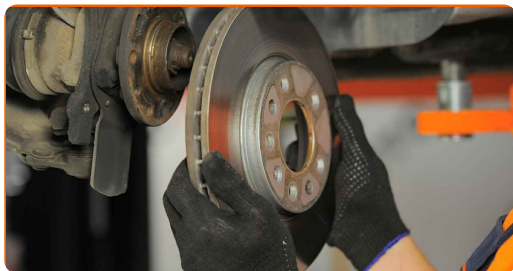


**19** Unscrew the brake disc fastening. Use HEX No.H5. Use a ratchet wrench.

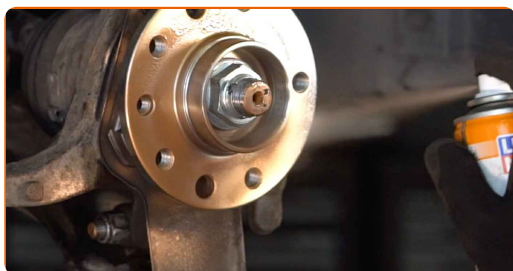




**20** Remove the brake disc.



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



**22** Install the brake disc.



**23** Tighten the brake disc fastening. Use HEX No.H5. Use a torque wrench. Tighten it to 7 Nm torque.



24

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



**AUTODOC recommends:**

- Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback. After applying the spray, wait a few minutes.

25

Install the brake caliper bracket.

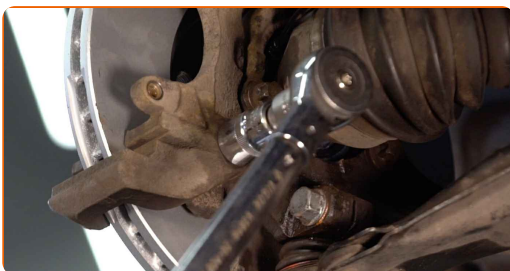


26

Install the fastening bolts (2 pieces).

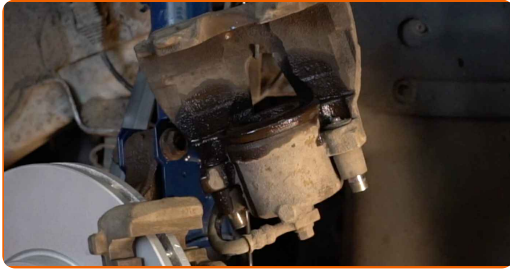
27

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



28

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

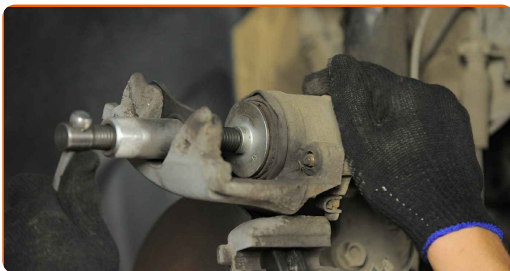


Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Tip:

- After applying the spray, wait a few minutes.

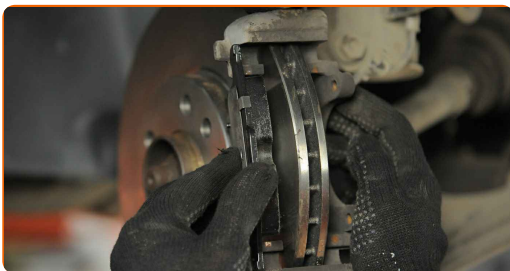
29

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



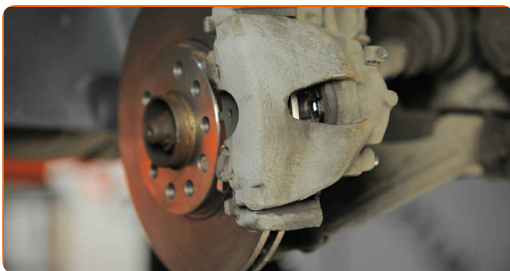
30

Install the brake pads.

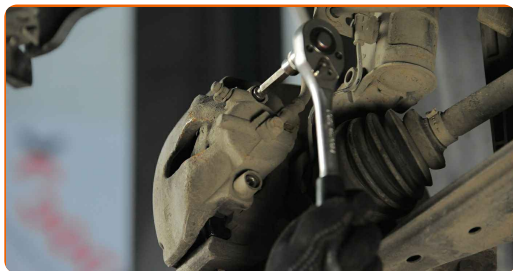


31.1

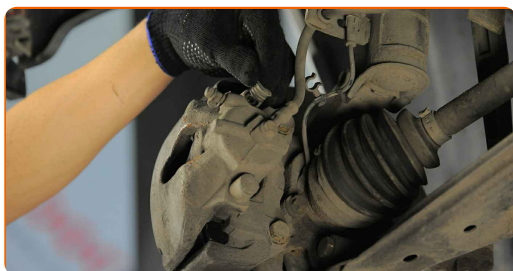
Install the brake caliper and fix it.



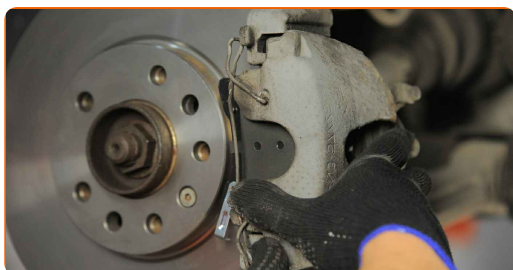
**31.2** Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



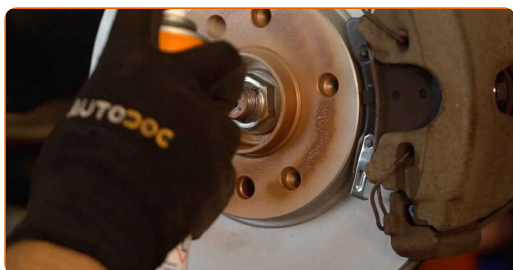
**32** Install the dust boot caps of the brake caliper guide pins.



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



**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.

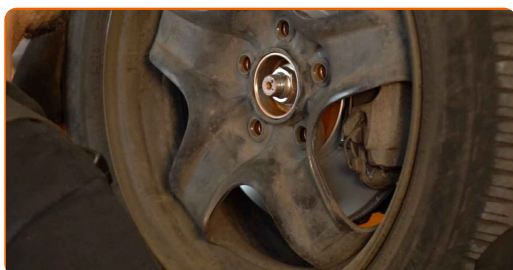


**AUTODOC recommends:**

- Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback. After applying the spray, wait a few minutes.

**36**

Install the wheel.

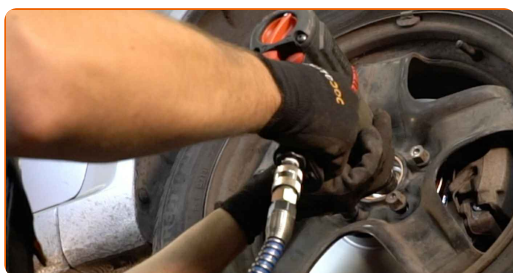


**Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Tip from AUTODOC experts:**

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

**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 wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.



**39**

Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Check the brake fluid level in the reservoir and top up if necessary.

**40**

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – VAUXHALL Astra Mk V (H) (A04) Hatchback.  
AUTODOC experts recommend:

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

**WELL DONE!** 

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