



How to change front
brake discs on
**VAUXHALL Astra Mk V
(H) Sport Hatch (A04)** –
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) Sport Hatch (A04) 1.6, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.8, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.7 CDTi, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.8 i 16V, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.3 CDTi, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.4 i 16V, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.6 i 16V

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) SPORT HATCH (A04). 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

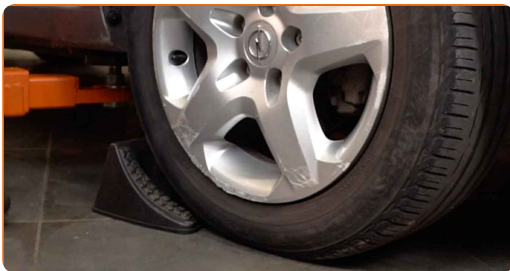
**Replacement: brake discs – VAUXHALL Astra Mk V (H) Sport Hatch (A04).
AUTODOC recommends:**

- Replace the brake disks on the car VAUXHALL Astra Mk V (H) Sport Hatch (A04) 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.

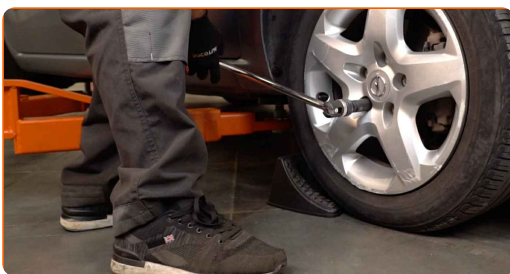
REPLACEMENT: BRAKE DISCS – VAUXHALL ASTRA MK V (H) SPORT HATCH (A04). USE THE FOLLOWING PROCEDURE:

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) Sport Hatch (A04)

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.

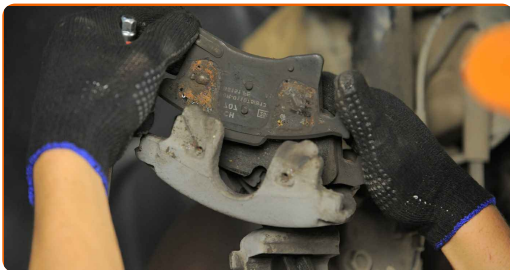


Replacement: brake discs – VAUXHALL Astra Mk V (H) Sport Hatch (A04).
Professionals recommend:

- 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.

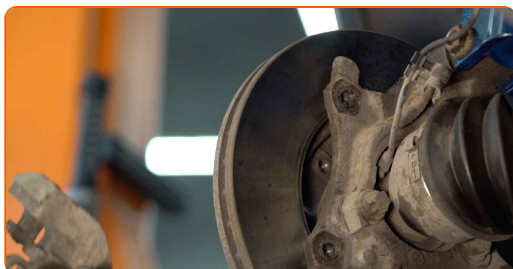


15 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.

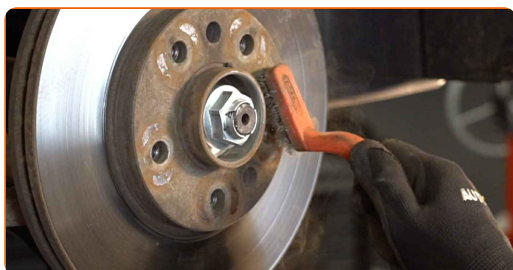


16 Remove the fastening bolts (2 pieces).

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) Sport Hatch (A04). After applying the spray, wait a few minutes.

25

Install the brake caliper bracket.

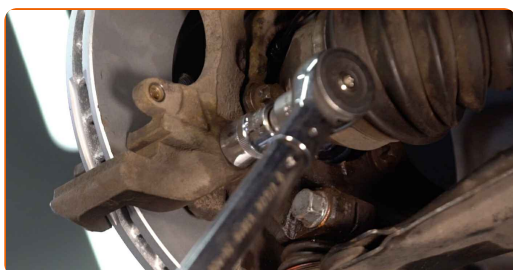


26

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.

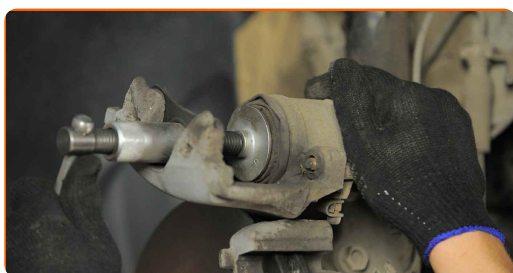


Replacement: brake discs – VAUXHALL Astra Mk V (H) Sport Hatch (A04). Tip:

- After applying the spray, wait a few minutes.

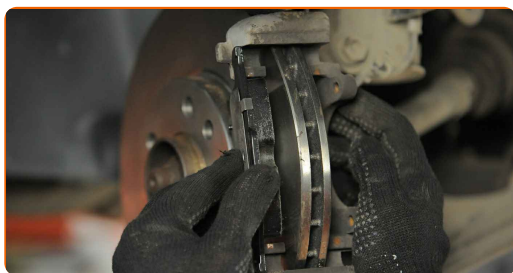
29

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



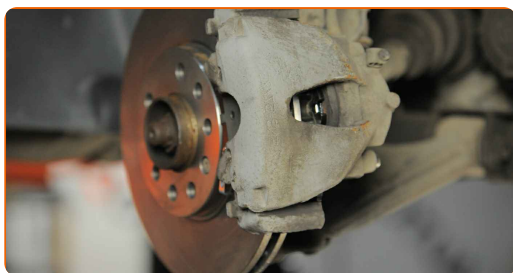
30

Install the brake pads.

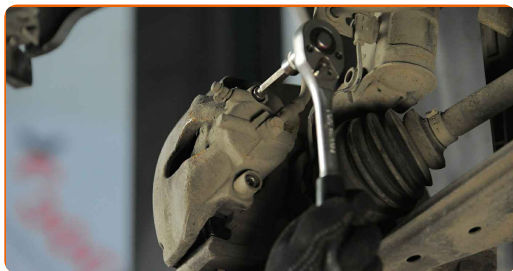


31.1

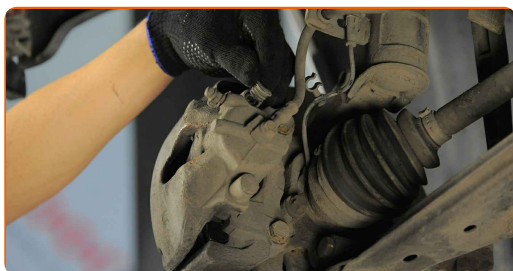
Install the brake caliper and fix it.



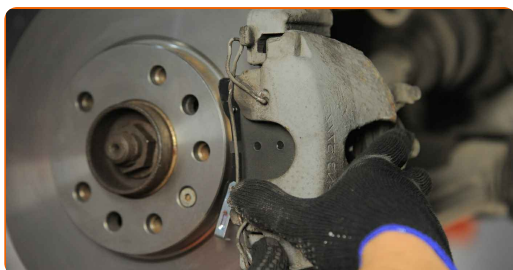
31.2 Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



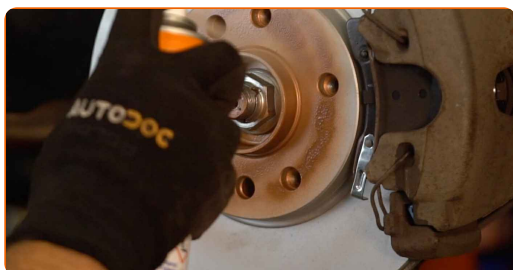
32 Install the dust boot caps of the brake caliper guide pins.



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) Sport Hatch (A04). After applying the spray, wait a few minutes.

36

Install the wheel.

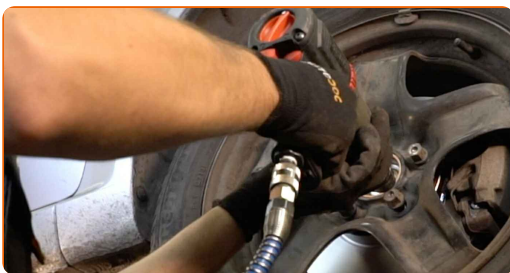


Replacement: brake discs – VAUXHALL Astra Mk V (H) Sport Hatch (A04). Tip from AUTODOC experts:

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

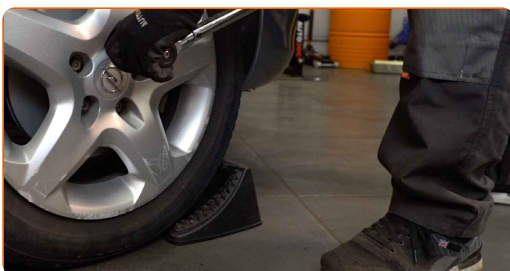
37

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) Sport Hatch (A04). 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) Sport Hatch (A04).
AUTODOC experts recommend:**

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

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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