



How to change front
brake pads on **Opel Astra
H saloon** – replacement
guide

VIDEO TUTORIAL

**i Important!**

This replacement procedure can be used for:

OPEL Meriva A (X03) 1.4 16V Twinport LPG (E75), OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), OPEL Astra G CC (T98) 1.6 16V (F08, F48), OPEL Astra G CC (T98) 2.0 16V (F08, F48), OPEL Astra H Caravan (A04) 1.4 (L35), OPEL ASTRA H Box (L70) 1.7 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI 16V (L70), OPEL ASTRA H Box (L70) 1.3 CDTI (L70), OPEL Astra H GTC (A04) 1.4 (L08), OPEL Astra H Hatchback (A04) 1.4 LPG (L48), OPEL Astra H Hatchback (A04) 1.4 (L48), OPEL Astra G Saloon (T98) 1.6 16V (F69), OPEL Astra G Saloon (T98) 2.0 16V (F69), (+ 117)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – OPEL ASTRA H
SALOON. TOOLS YOU'LL NEED:



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

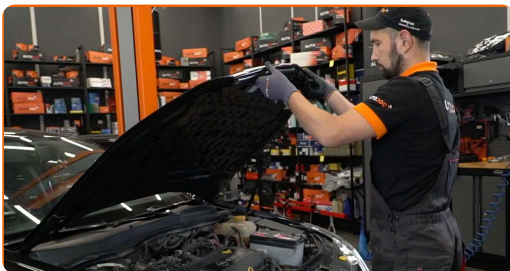
BUY TOOLS

Replacement: brake pads – Opel Astra H saloon. Tip:

- 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.
- Please note: all work on the car – Opel Astra H saloon – should be done with the engine switched off.

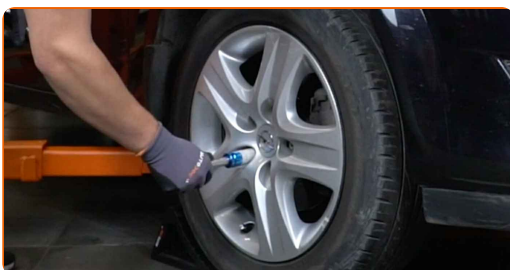
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood. 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.



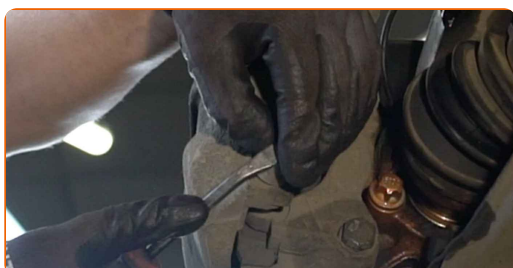
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Opel Astra H saloon

6 Remove the wheel.

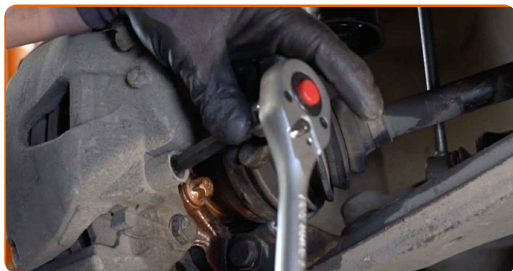


7 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

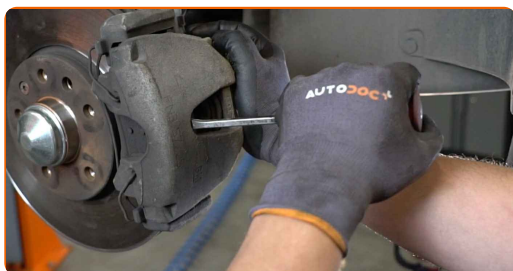


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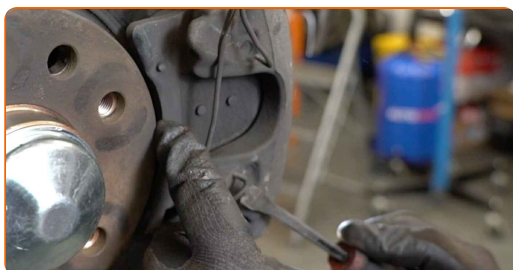
Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

**9**

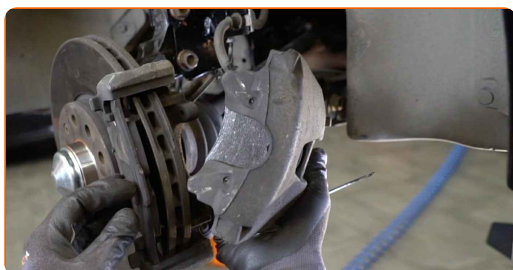
Spread the brake pads. Use a crowbar.

**10**

Detach the brake caliper retaining spring. Use a crowbar.

**11**

Remove the brake caliper.



Replacement: brake pads – Opel Astra H saloon. Tip from AUTODOC experts:

- 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.

12

Remove the brake pads.



Replacement: brake pads – Opel Astra H saloon. Tip from AUTODOC:

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

13

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



AUTODOC recommends:

- Replacement: brake pads – Opel Astra H saloon. After applying the spray, wait a few minutes.

14

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



15

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



Replacement: brake pads – Opel Astra H saloon. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

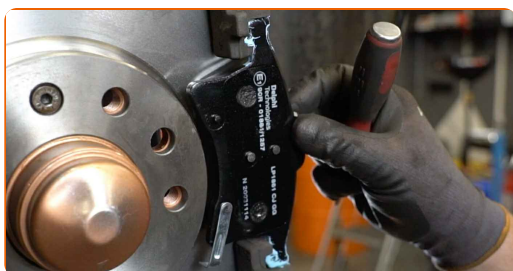
- 16** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – Opel Astra H saloon. AUTODOC experts recommend:

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

- 17** Install new brake pads.



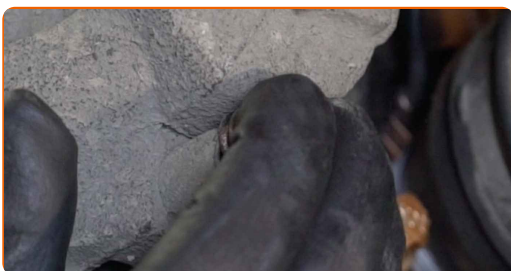
Replacement: brake pads – Opel Astra H saloon. AUTODOC recommends:

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

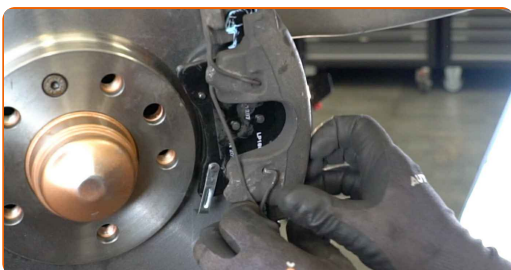
18 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 28 Nm torque.



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



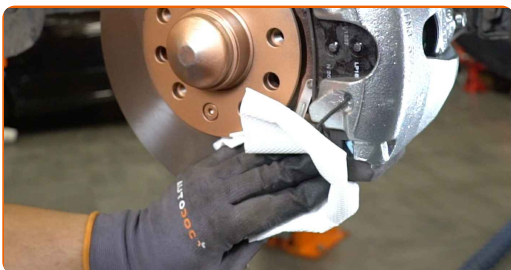
20 Install the brake caliper retaining spring. Use a crowbar.



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



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



AUTODOC recommends:

- Replacement: brake pads – Opel Astra H saloon. After applying the spray, wait a few minutes.

23

Install the wheel.

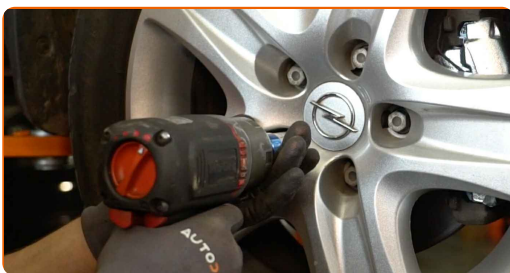


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Opel Astra H saloon

24

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



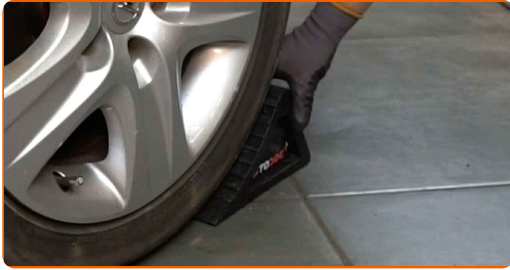
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Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



26

Remove the jacks and chocks.

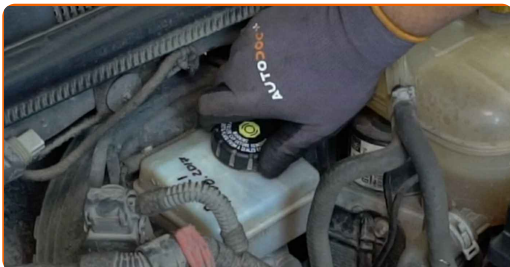


Replacement: brake pads – Opel Astra H saloon. Professionals recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

27

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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