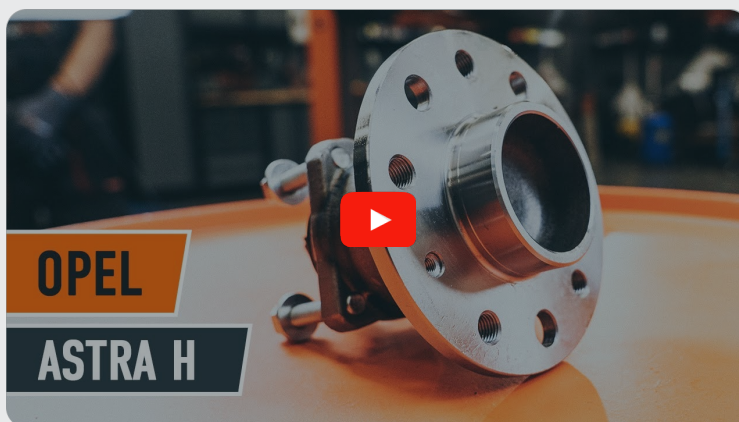




How to change rear
wheel bearing on **Opel**
Astra H saloon –
replacement guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), 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 H Hatchback (A04) 1.6 (L48), OPEL Astra H Hatchback (A04) 1.8 (L48), OPEL Astra H Hatchback (A04) 1.7 CDTI (L48), OPEL Astra H Hatchback (A04) 2.0 Turbo (L48), OPEL Astra H Hatchback (A04) 1.9 CDTI (L48), (+ 30)

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – OPEL ASTRA H SALOON. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # E11
- Drive socket # 13
- Drive socket # E16
- Drive socket # 16
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hammer
- Vice
- Crow bar
- Wheel chock

BUY TOOLS

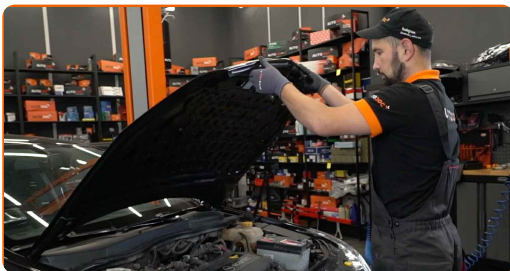
AUTODOC recommends:

- Do not re-use the bearing assembly of your Opel Astra H saloon car.
- The wheel hub bearing replacement procedure is identical for both wheels 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 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 rear 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

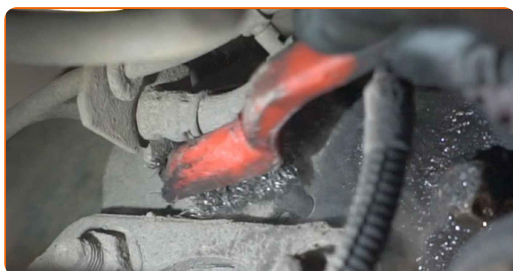
6

Remove the wheel.



7

Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use WD-40 spray.



8

Loosen the brake hose fastening. Use a drive socket #E11. Use a ratchet wrench.



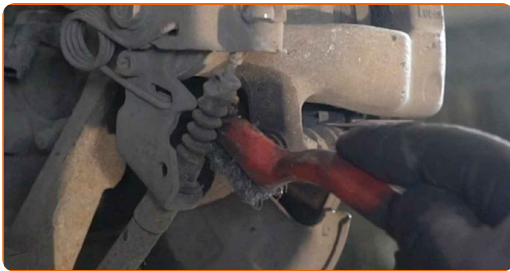
9

Detach the ABS sensor connector.



10

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



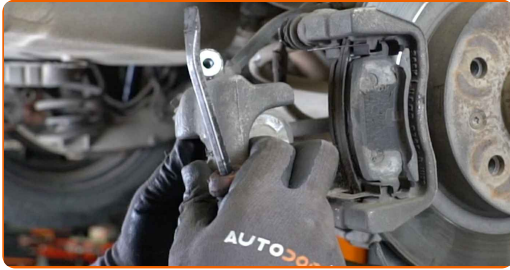
11

Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench.



12

Remove the brake caliper. Use a crowbar.

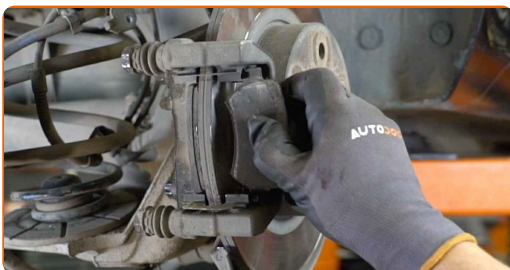


Replacement: wheel bearing – Opel Astra H saloon. AUTODOC experts recommend:

- 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.

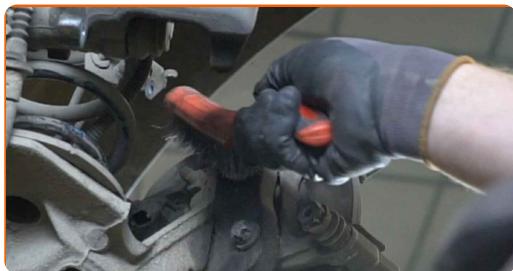
13

Remove the brake pads.



14

Clean the brake caliper bracket fasteners. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

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

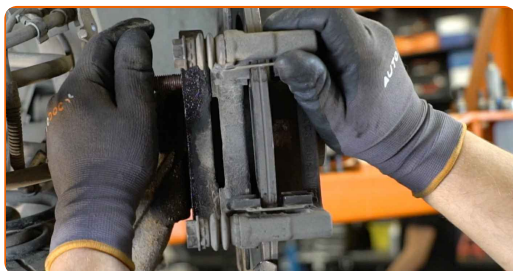
15

Unscrew the caliper bracket fastening. Use a drive socket #E16. Use a tap wrench.



16

Remove the caliper bracket.



17

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



18

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



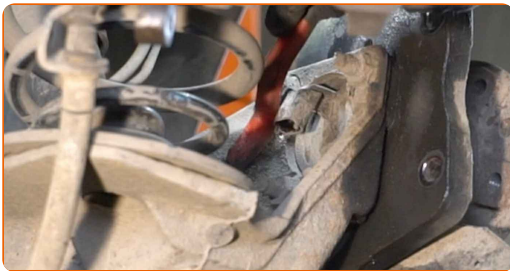
19

Remove the brake disc. Use a hammer.



20

Clean the fasteners of the wheel hub bearing. Use a wire brush. Use WD-40 spray.



21

Unscrew the hub bearing mounting. Use a drive socket #16. Use a ratchet wrench.



22

Remove the hub bearing together with the brake disc protection plate.



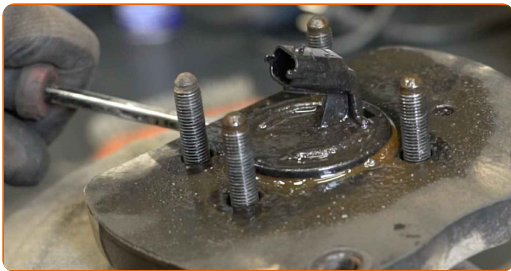
23

Grip the wheel hub together with the bearing in a vice.



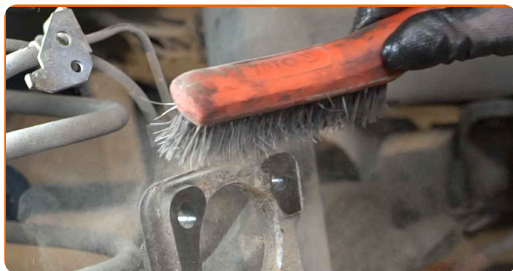
24

Detach the hub bearing from the brake disc protection plate. Use a crowbar. Use a hammer.



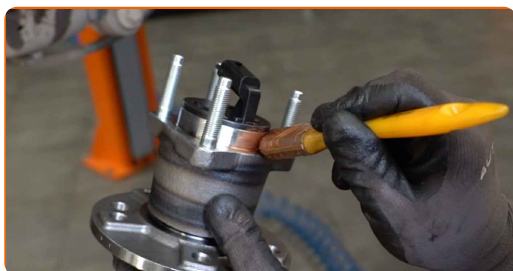
25

Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



26

Treat the wheel hub bearing. Use copper grease.



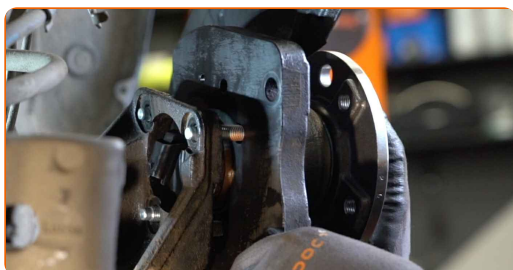
27

Install a new wheel hub bearing.



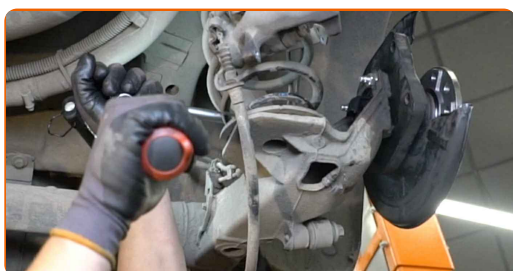
28

Install the hub bearing together with the brake disc protection plate.



29

Tighten the fastener of the wheel hub bearing. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque. +45°



Replacement: wheel bearing – Opel Astra H saloon. Tip from AUTODOC:

- Important! Be sure to use new fasteners.

30

Treat the ABS sensor connector. Use dielectric grease.



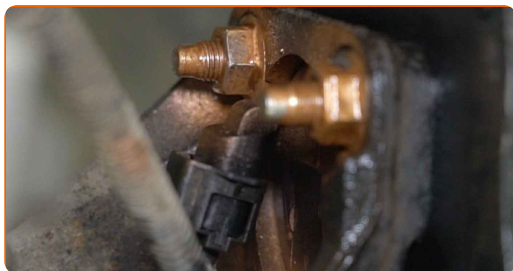
31

Attach the ABS sensor connector.



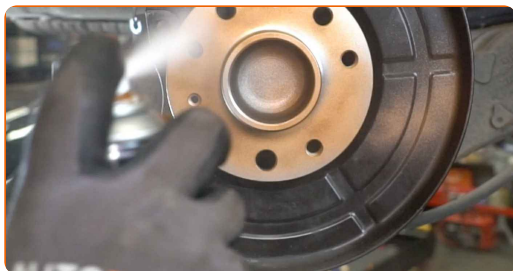
32

Treat the fasteners of the wheel hub bearing. Use copper grease.



33

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



34

Install the brake disc.



35

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



36

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



Replacement: wheel bearing – Opel Astra H saloon. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

37

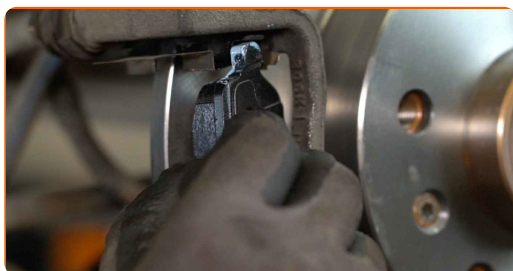
Install the brake caliper bracket.



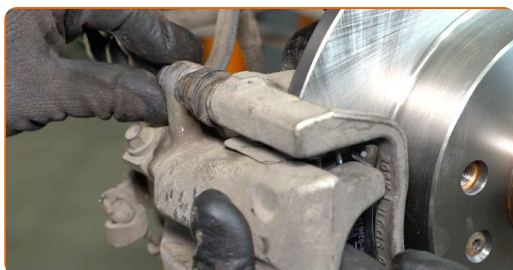
38 Tighten the brake caliper bracket. Use a drive socket #E16. Use a torque wrench. Tighten it to 100 nm torque.



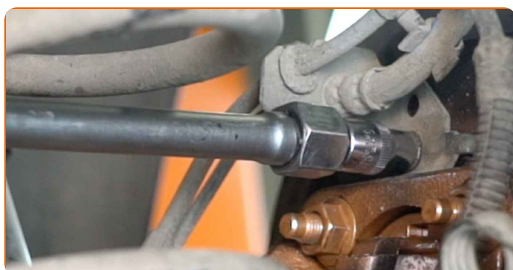
39 Install the brake pads.



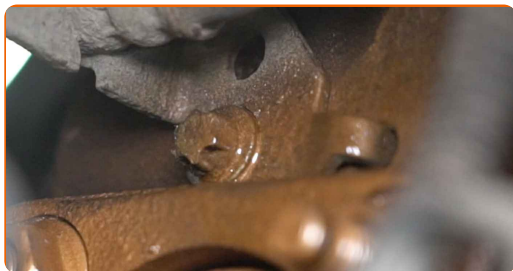
40 Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench.



41 Tighten the brake hose fastener. Use a drive socket #E11. Use a torque wrench. Tighten it to 15 Nm torque.



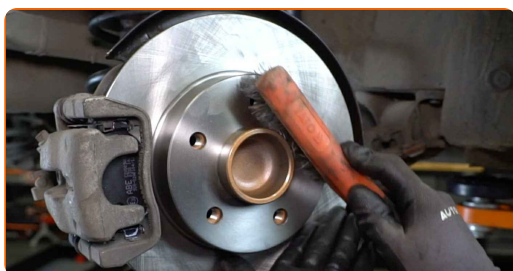
42 Treat the brake hose. Use copper grease.



43 Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 25 nm torque.



44 Clean the wheel rim mounting seat. Use a wire brush.



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



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



AUTODOC recommends:

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

47

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

48

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



49

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.



50

Remove the jacks and chocks.



Replacement: wheel bearing – Opel Astra H saloon. Tip from AUTODOC experts:

- 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 top up if necessary.

51

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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