



How to change rear  
wheel bearing on  
**VAUXHALL Astra Mk1**  
**Estate** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

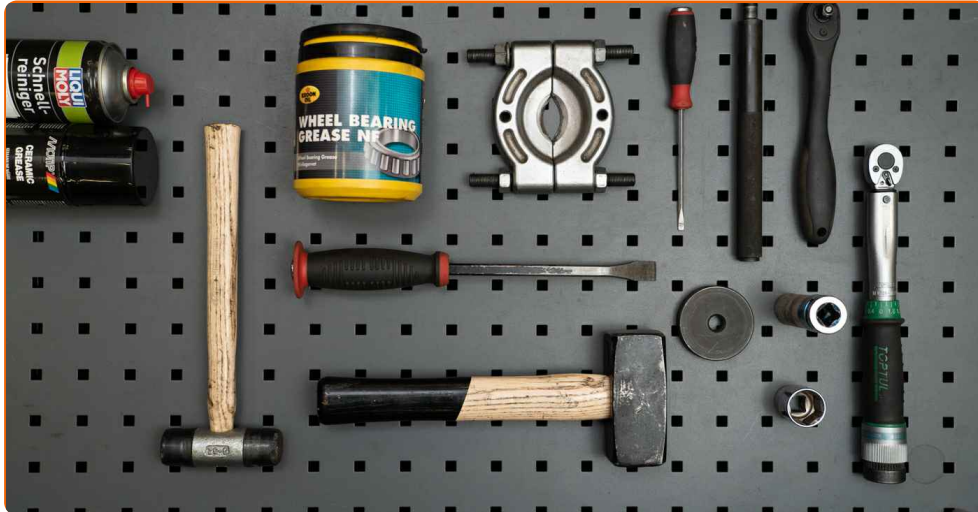
This replacement procedure can be used for:

VAUXHALL Astra Mk1 Estate 1.3 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 B Hatchback (S93) 1.4 i (F08, F68, M68)

**REPLACEMENT: WHEEL BEARING – VAUXHALL ASTRA  
MK1 ESTATE. LIST OF THE TOOLS YOU'LL NEED:**



- All-purpose cleaning spray
- Bearing grease
- Ceramic grease
- Torque wrench
- Drive socket # 24
- Wheel impact socket #17
- Universal puller
- Bush and bearing driver set
- Ratchet wrench
- Flat screwdriver
- Hammer
- Rubber mallet
- Crow bar
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Do not re-use the bearing assembly of your VAUXHALL Astra Mk1 Estate car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – VAUXHALL Astra Mk1 Estate – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.

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



**3** Raise the car.

**Replacement: wheel bearing – VAUXHALL Astra Mk1 Estate. Professionals recommend:**

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

**4** Unscrew the wheel bolts.



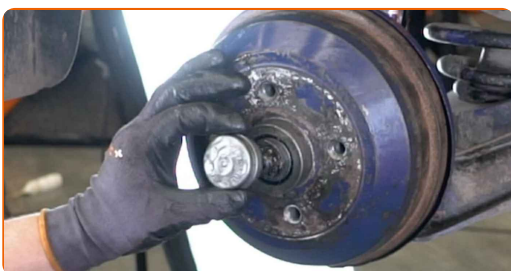
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VAUXHALL Astra Mk1 Estate

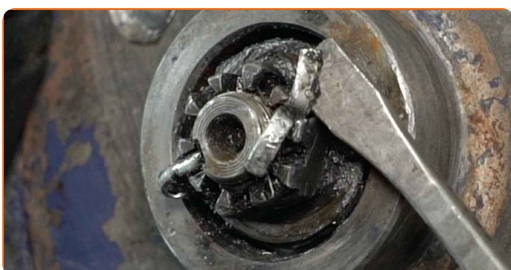
**5** Remove the wheel.



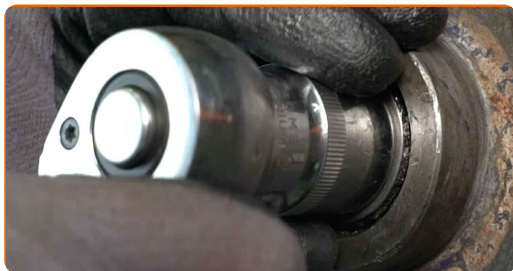
**6** Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



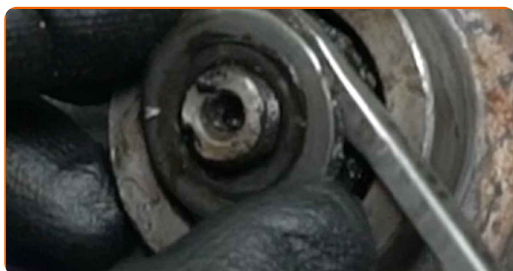
**7** Remove the cotter pin securing the hub nut. Use a crowbar. Use a flat screwdriver.



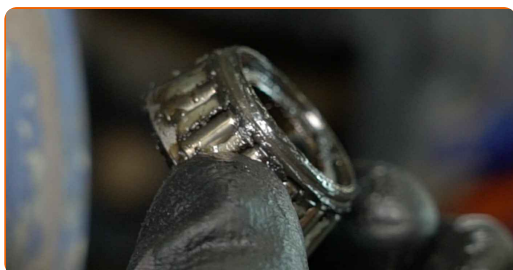
**8** Unscrew the hub nut. Use a drive socket #24. Use a ratchet wrench.



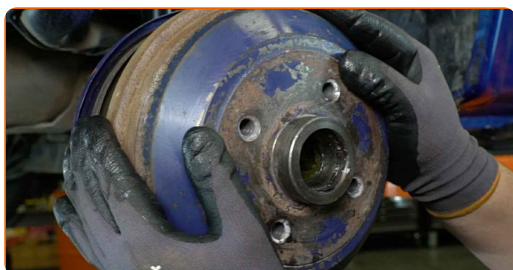
**9** Remove the wheel bearing washer. Use a crowbar.



**10** Remove the wheel hub bearing. Use a crowbar.



**11** Remove the brake drum assembled with the wheel hub bearing.



Replacement: wheel bearing – VAUXHALL Astra Mk1 Estate. Tip from AUTODOC:

- Examine the brake drum. Replace it if necessary.

**12** Remove the inner oil seal of the wheel bearing. Use a crowbar.



**13** Remove the wheel hub bearing. Use a crowbar.



**14** Clean the hub bearing mounting seat.



**15** Remove the inner race of the wheel bearing from the brake drum. Use a universal puller.





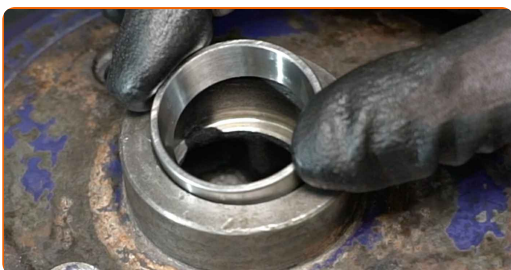
**16** Remove the wheel bearing's outer race from the brake drum. Use a bush and bearing driver set.



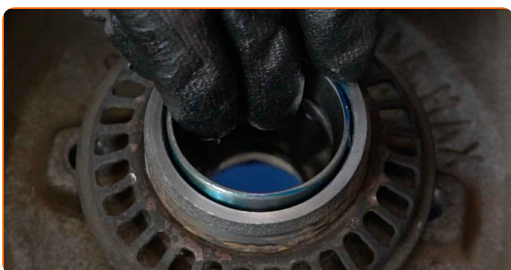
**17** Clean the hub bearing mounting seat. Use all-purpose cleaning spray.



**18** Install a new wheel bearing outer race in the brake drum. Bush and bearing driver set.



**19** Install the new inner race of the wheel bearing into the brake drum. Bush and bearing driver set.





**20** Treat the wheel hub bearing. Use bearing grease.



**21** Install a new hub bearing and secure it.



**22** Install the wheel bearing oil seal.



**23** Treat the stub axle. Use all-purpose cleaning spray. Use bearing grease.



**24** Install the brake drum assembled with the wheel hub bearing.



**25** Fit the wheel bearing washer.



**26** Screw on the hub nut. Use a drive socket #24. Use a ratchet wrench.



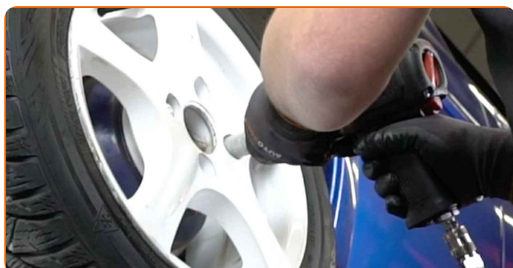
**27** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Astra Mk1 Estate

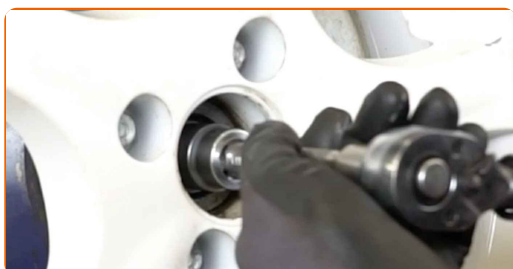
**28** Screw in the wheel bolts. Use wheel impact socket #17.



**29** Spin the wheel to distribute the new grease evenly on the wheel bearings.



**30** Adjust the axial clearance by tightening the adjusting nut. Use a drive socket #24. Use a torque wrench. Tighten it to 20-25 Nm torque.



**Please note!**

- See your car's repair manual for exact adjustment instructions.

**31** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VAUXHALL Astra Mk1 Estate

**32** Remove the wheel.



**33** Install a new hub nut cotter pin. Use a crowbar.



**34** Install the cap of the hub nut. Use a rubber mallet.



**35** Treat the surface where the wheel rim contacts the brake drum. Use ceramic grease.



**36** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Astra Mk1 Estate

**37**

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



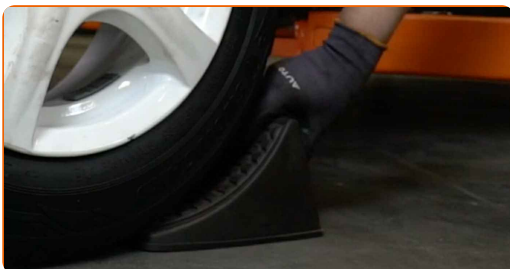
**38**

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.



Replacement: wheel bearing – VAUXHALL Astra Mk1 Estate. AUTODOC recommends:

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

**WELL DONE!** 

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