



How to change rear
wheel bearing on **OPEL**
Astra G Coupe (T98) –
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:

OPEL Astra G Coupe (T98) 1.6 16V (F07), OPEL Astra G Coupe (T98) 1.8 16V (F07), OPEL Astra G Coupe (T98) 2.0 16V Turbo (F07), OPEL Astra G Coupe (T98) 2.2 16V (F07), OPEL Astra G Coupe (T98) 2.2 DTI (F07)

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 Meriva A (X03) 1.6 16V (E75)

REPLACEMENT: WHEEL BEARING – OPEL ASTRA G COUPE (T98). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #17
- Drive socket # E8
- Drive socket # 13
- Drive socket # 16
- Drive socket # E20
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hammer
- Water pump pliers
- Crow bar
- Wheel chock

Buy tools

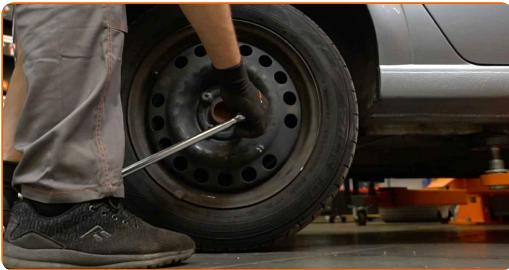
Replacement: wheel bearing – OPEL Astra G Coupe (T98). AUTODOC experts recommend:

- Do not re-use the bearing assembly of your OPEL Astra G Coupe (T98) 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 G Coupe (T98) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

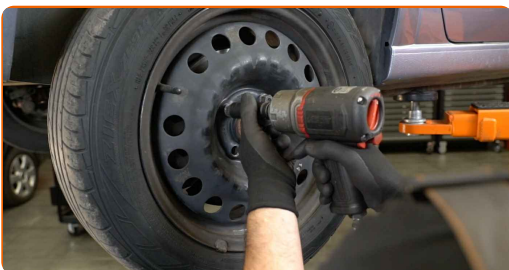
1 Secure the wheels with chocks.

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



3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
OPEL Astra G Coupe (T98)

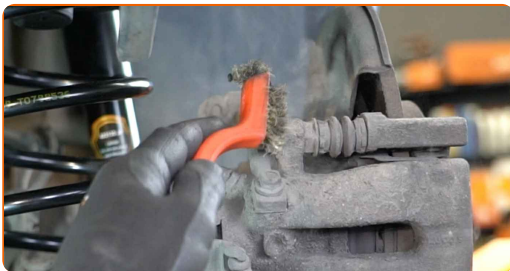
5

Remove the wheel.



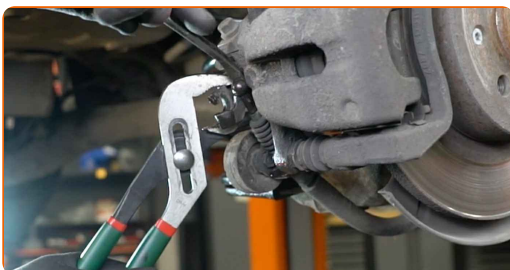
6

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



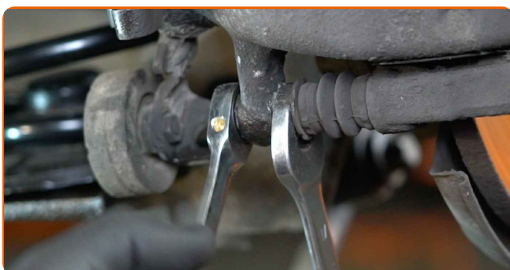
7

Release the parking brake cable. Use water pump pliers. Use a crowbar.



8

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #17.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: wheel bearing – OPEL Astra G Coupe (T98). Tip from AUTODOC:

- 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.

11 Remove the brake pads. Use a crowbar.



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



AUTODOC recommends:

- Replacement: wheel bearing – OPEL Astra G Coupe (T98). After applying the spray, wait a few minutes.

13 Unscrew the caliper bracket fastening. Use a drive socket #E20. Use a tap wrench.



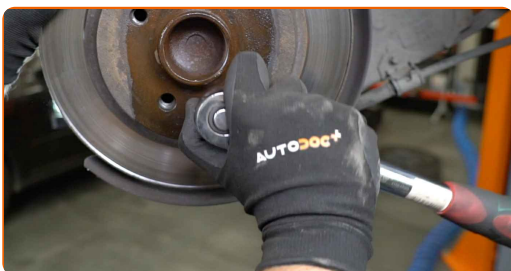
14 Remove the caliper bracket.



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



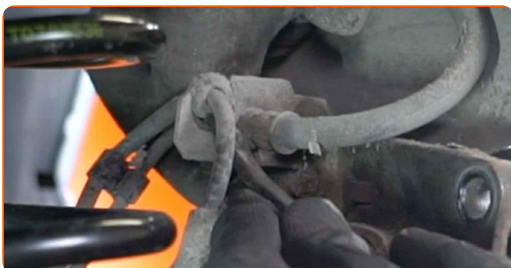
16 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



17 Remove the brake disc. Use a hammer.



18 Disconnect the ABS sensor wiring.



19 Detach the ABS sensor connector. Use a crowbar.



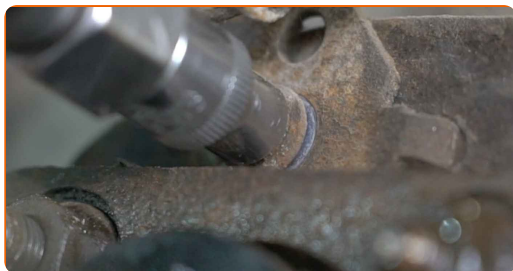
20 Clean the fasteners of the wheel hub bearing. Use a wire brush. Use WD-40 spray.



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

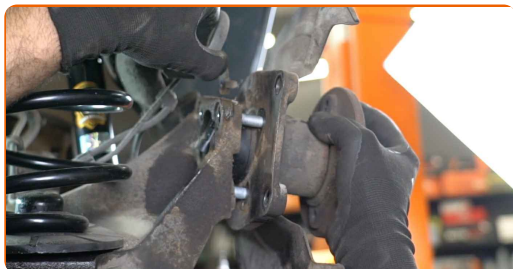


22 Unscrew the fastener of the ABS wiring harness bracket. Use a drive socket #E8. Use a ratchet wrench.



23 Remove the ABS wiring harness bracket.

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



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



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



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



28 Install a new wheel hub bearing.

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



30 Screw in the hub bearing nuts. Use a drive socket #16. Use a ratchet wrench.



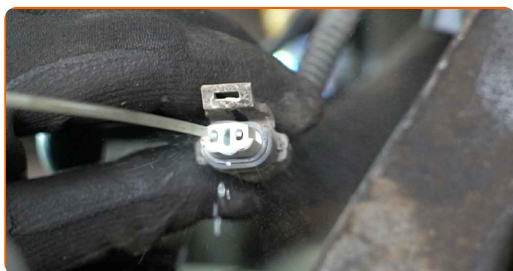
31 Tighten the hub bearing nuts. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+45°



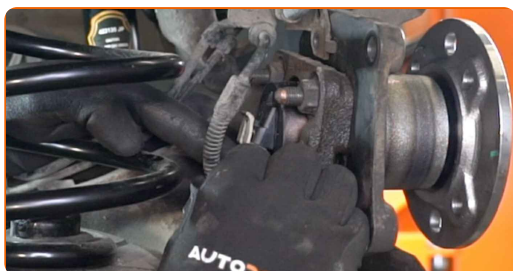
AUTODOC recommends:

- Important! Be sure to use new fasteners.

32 Treat the ABS sensor connector. Use electronic spray.



33 Attach the ABS sensor connector.



34 Install the ABS wiring harness bracket.



35 Tighten the fastener of the ABS wiring harness bracket. Use a drive socket #E8. Use a torque wrench. Tighten it to 7 nm torque.



36 Connect the ABS sensor wiring.



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



38 Treat the hub where it contacts the brake disk. Use copper grease.



39 Install the brake disc.



40 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 8 nm torque.



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



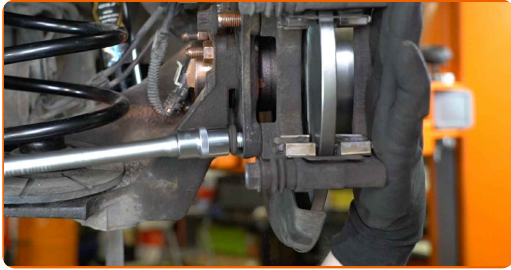
Replacement: wheel bearing – OPEL Astra G Coupe (T98). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

42 Install the brake caliper bracket.



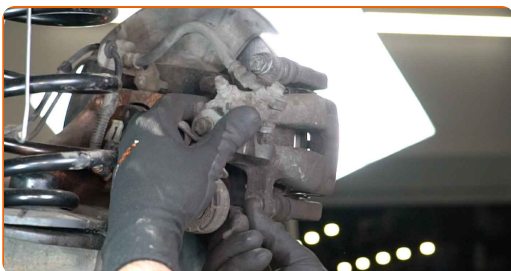
43 Tighten the brake caliper bracket. Use a drive socket #E20. Use a torque wrench. Tighten it to 100 nm torque.



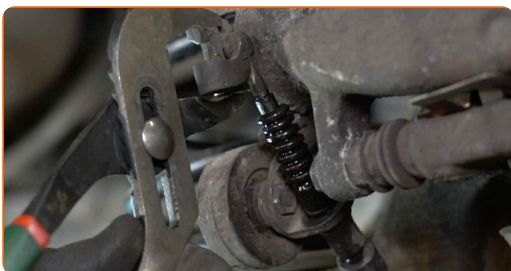
44 Install the brake pads.



45 Install the brake caliper and fix it. Use a drive socket #13. Use a combination spanner #17. Use a torque wrench. Tighten it to 25 nm torque.



46 Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.



47

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



48

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: wheel bearing – OPEL Astra G Coupe (T98). After applying the spray, wait a few minutes.

49

Install the wheel.



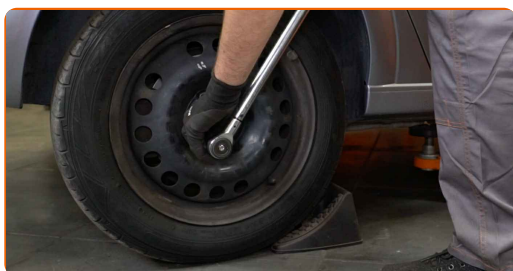
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. OPEL Astra G Coupe (T98)

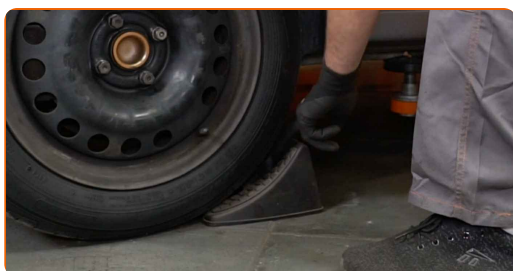
50 Screw in the wheel bolts. Use wheel impact socket #17.



51 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.



52 Remove the jacks and chocks.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

WHEEL BEARING: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.