



How to change front  
wheel bearing on **Opel**  
**Zafira B A05** –  
replacement guide

## VIDEO TUTORIAL

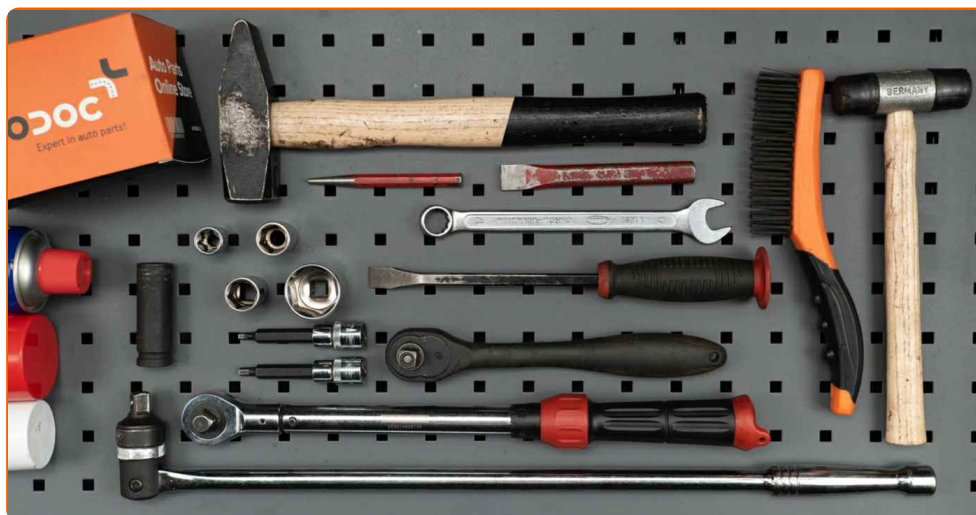
** Important!**

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), (+ 58)

The steps may slightly vary depending on the car design.

**REPLACEMENT: WHEEL BEARING – OPEL ZAFIRA B  
A05. TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Drive socket # E13
- Drive socket # 18
- Drive socket # 19
- Drive socket # 32
- HEX bit no.H5.
- HEX bit no.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Pin punch
- Hammer
- Flat chisel
- Rubber mallet
- Tap wrench
- Crow bar
- Wheel chock

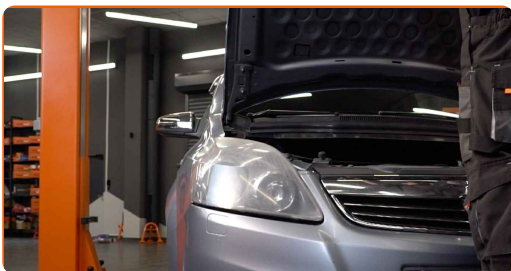
**BUY TOOLS**

**Replacement: wheel bearing – Opel Zafira B A05. Tip:**

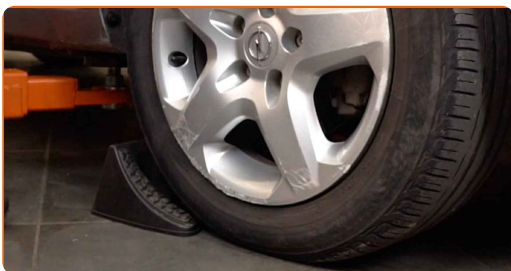
- Do not re-use the bearing assembly of your Opel Zafira B A05 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Warning! Shut down the engine before starting any work – Opel Zafira B A05.

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

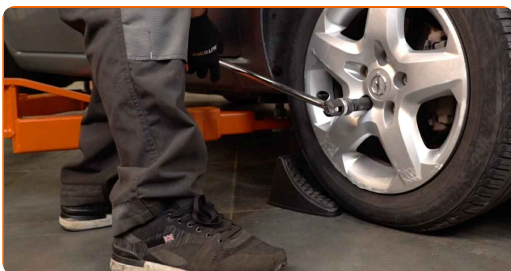
**1** Secure the wheels with chocks.



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

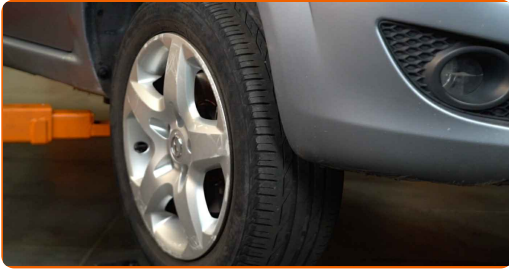


**3** Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #32. Use a tap wrench.



4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.



Replacement: wheel bearing – Opel Zafira B A05. AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

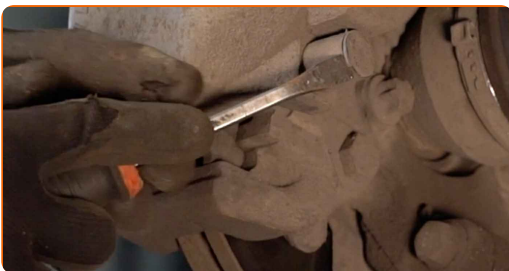
6

Remove the wheel.



7

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



**8**

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

**9**

Spread the brake pads. Use a crowbar.

**10**

Pull aside the brake caliper retaining spring. Use a crowbar.

**11**

Remove the brake caliper.



**Replacement: wheel bearing – Opel Zafira B A05. 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.

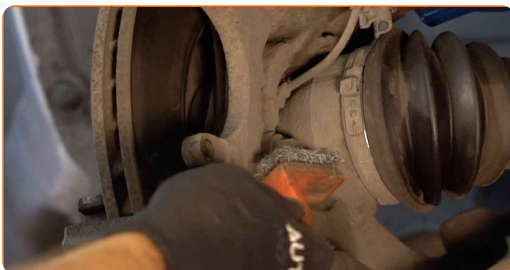
**12**

Remove the brake pads.



**13**

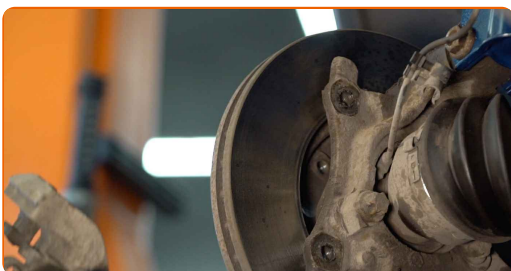
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



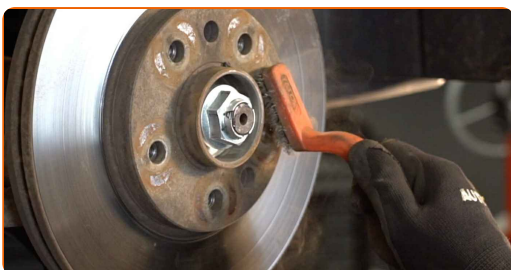
**14** Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench.



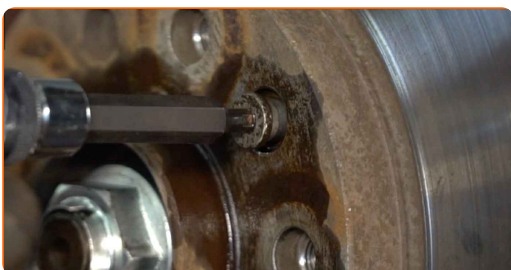
**15** Remove the caliper bracket.



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

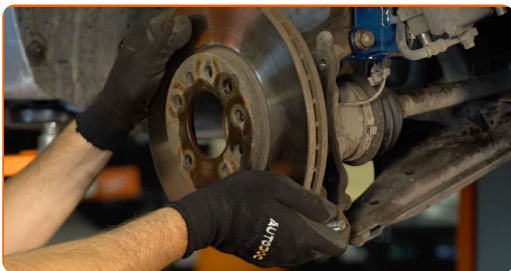


**17** Unscrew the brake disc fastening. Use HEX No.H5. Use a ratchet wrench.





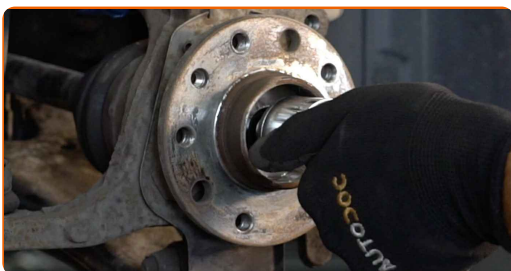
**18** Remove the brake disc.



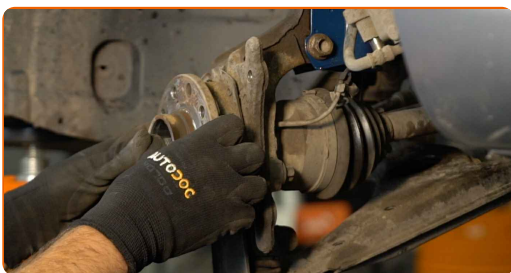
Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC:

- If necessary, use a rubber mallet.

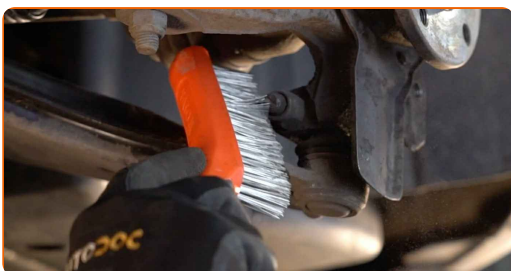
**19** Unscrew the wheel hub axle nut. Use a drive socket #32.



**20** Remove the drive shaft.



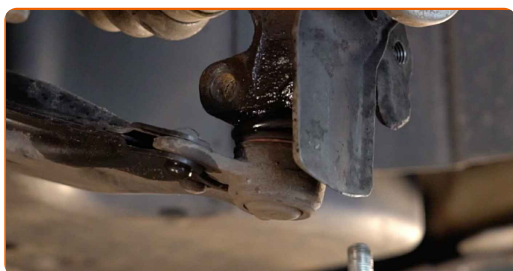
**21** Clean the fastener that connects the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



- 22** Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #19. Use a ratchet wrench.



- 23** Remove the fastening bolt. Use a pin punch. Use a rubber mallet.



- 24** Release the fastener that connects the control arm ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



- 25** Disconnect the lower arm from the steering knuckle.



26

Remove the drive shaft.



Replacement: wheel bearing – Opel Zafira B A05. AUTODOC experts recommend:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

27

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



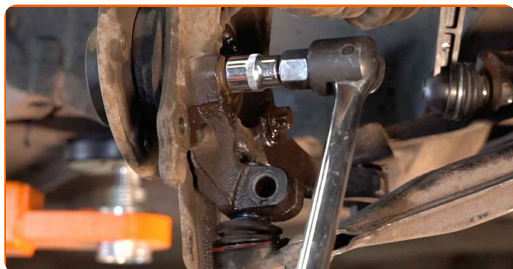
28

Detach the ABS sensor connector.



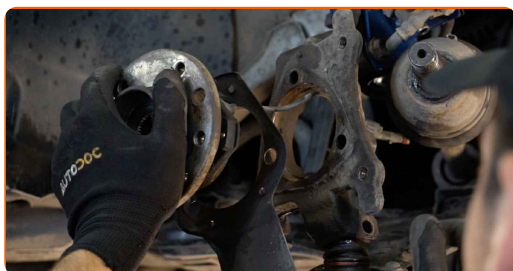
29

Unscrew the hub bearing mounting. Use a drive socket #E13. Use a ratchet wrench. Use a tap wrench.



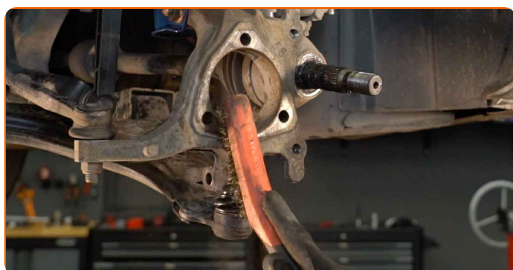
30

Remove the hub and the bearing together, since they are a sealed unit.



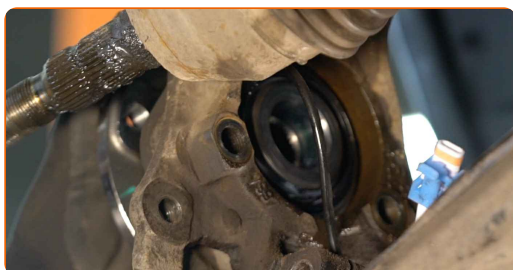
31

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



32

Install the new wheel hub with a bearing.



- 33** Tighten the fastener of the wheel hub bearing. Use a drive socket #E13. Use a torque wrench. Tighten it to 90 Nm torque.+45°



Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC experts:

- Important! Be sure to use new fasteners.
- The wheel bearing unit must not tilt on the axle pin.

- 34** Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



- 35** Mount the drive shaft into the wheel hub.



**36** Connect the lower arm to the steering knuckle.



**37** Install the fastening bolt.



**38** Tighten the ball joint fastener. Use a combination spanner #17. Use a drive socket #19. Use a torque wrench. Tighten it to 50 Nm torque.



**39** Attach the ABS sensor connector.



**40**

Treat the splines of the driveshaft CV joint. Use copper grease.

**41**

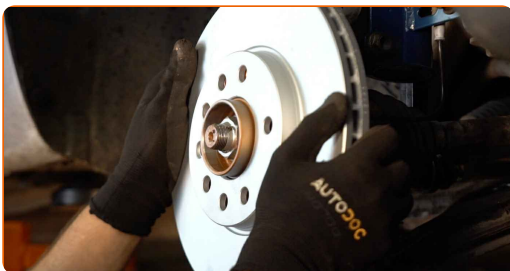
Screw the wheel hub axle nut. Use a drive socket #32.

**42**

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

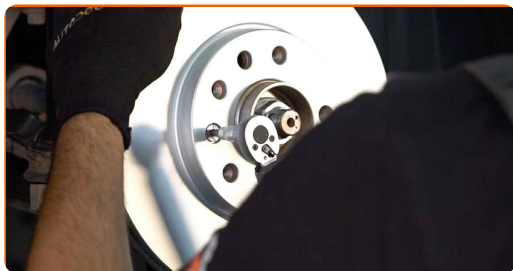
**43**

Install the brake disc.



**44**

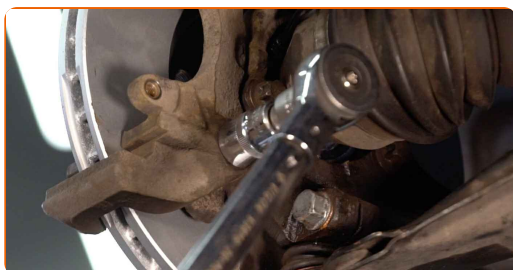
Tighten the brake disc fastening. Use HEX No.H5. Use a torque wrench. Tighten it to 7 Nm torque.

**45**

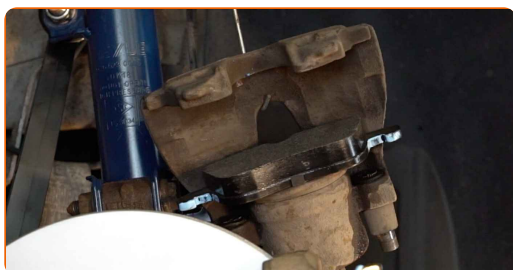
Install the brake caliper bracket.

**46**

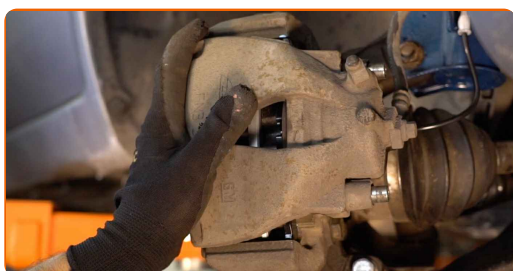
Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.

**47**

Install the brake pads.

**48**

Install the brake caliper and fix it.

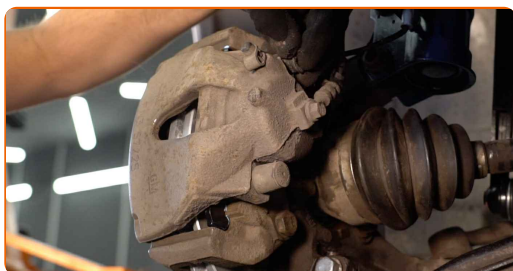




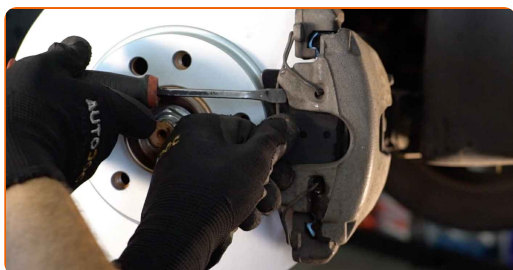
**49** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 28 Nm torque.



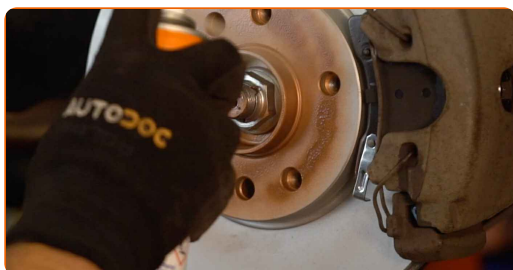
**50** Install the dust boot caps of the brake caliper guide pins.



**51** Snap the brake caliper retaining spring back into place. Use a crowbar.



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



**53**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: wheel bearing – Opel Zafira B A05. After applying the spray, wait a few minutes.

**54**

Install the wheel.

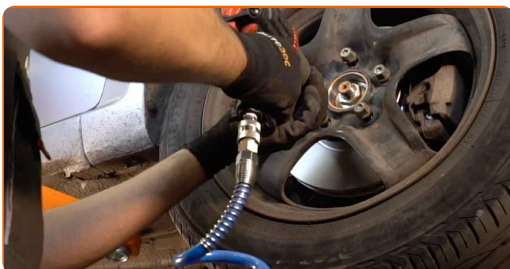


**Replacement: wheel bearing – Opel Zafira B A05. AUTODOC recommends:**

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

**55**

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

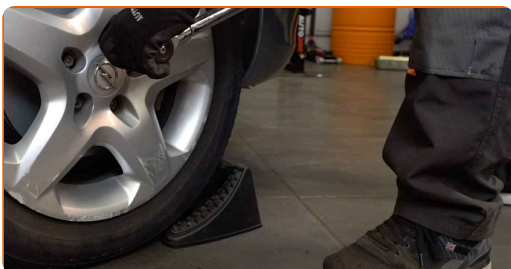


56 Lower the car.

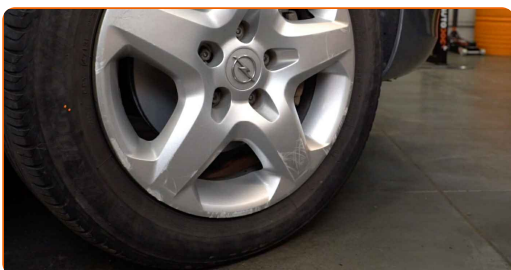
57 Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 250 Nm torque.



58 Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 110 Nm torque.



59 Remove the jacks and chocks.



**WELL DONE!** 

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