



How to change front
wheel bearing on **VW**
Golf 2 – replacement
guide

VIDEO TUTORIAL

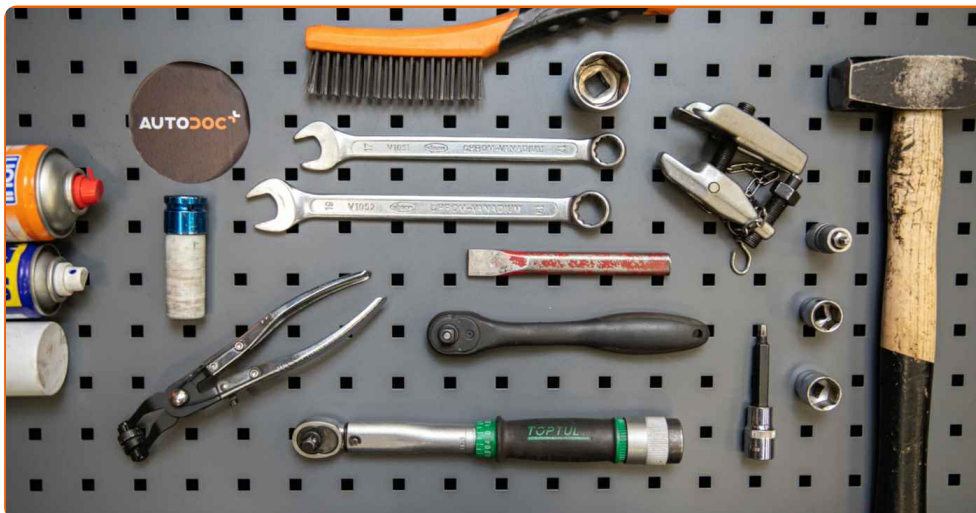
** Important!**

This replacement procedure can be used for:

VW GOLF II (19E, 1G1) 1.3, VW GOLF II (19E, 1G1) 1.6, VW GOLF II (19E, 1G1) 1.8, VW GOLF II (19E, 1G1) 1.8 Syncro, VW GOLF II (19E, 1G1) 1.8 GTI, VW GOLF II (19E, 1G1) 1.8 GTI 16V, VW GOLF II (19E, 1G1) 1.6 D, VW GOLF II (19E, 1G1) 1.6 TD, VW Jetta II (19E, 1G2, 165) 1.3, VW Jetta II (19E, 1G2, 165) 1.6, VW Jetta II (19E, 1G2, 165) 1.8, VW Jetta II (19E, 1G2, 165) 1.8 16V, VW Jetta II (19E, 1G2, 165) 1.6 D, VW Jetta II (19E, 1G2, 165) 1.6 TD, VW Polo Hatchback (6N1) 1.3, (+ 29)

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – VW GOLF 2. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Drive socket # 19
- Drive socket # 30
- HEX bit No.H6
- Torx bit T30
- Wheel impact socket #17
- Bush and bearing driver set
- Ball joint puller
- Circlip pliers
- Ratchet wrench
- Flat chisel
- Hammer
- Tap wrench
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: wheel bearing – VW Golf 2. Tip from AUTODOC experts:

- Do not re-use the bearing assembly of your VW Golf 2 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – VW Golf 2 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the fastener of the driveshaft. Use a drive socket #30. Use a tap wrench.



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



4 Raise the front of the car and secure on supports.



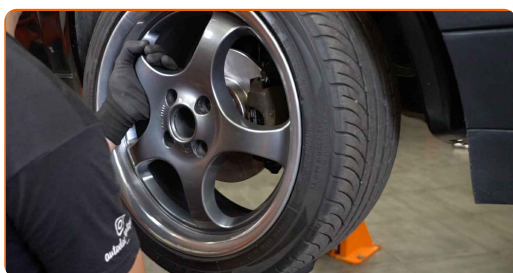
5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Golf 2

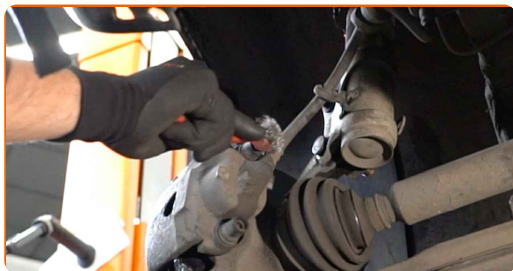
6 Remove the wheel.



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

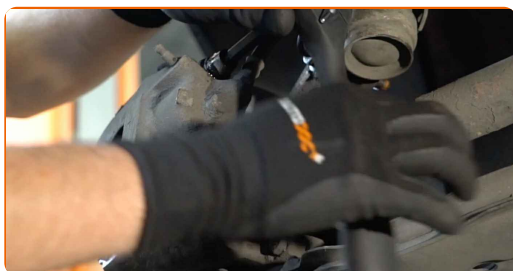
8

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



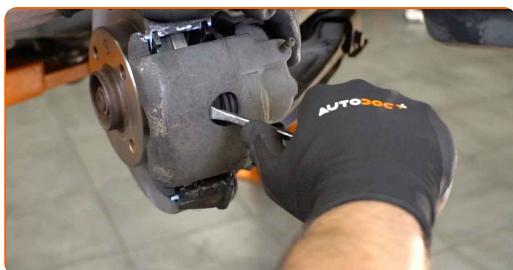
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Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.



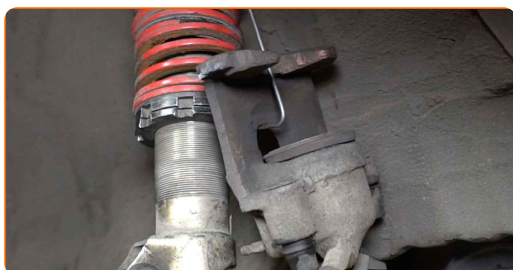
10

Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.



Replacement: wheel bearing – VW Golf 2. 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

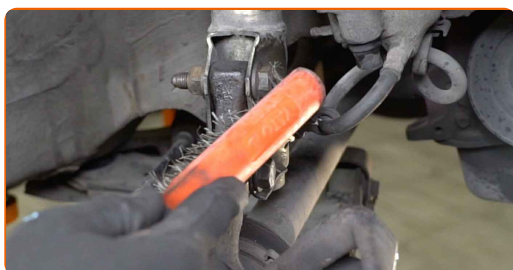
Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



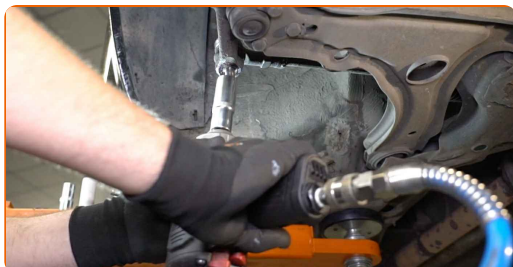
14 Remove the brake disc.



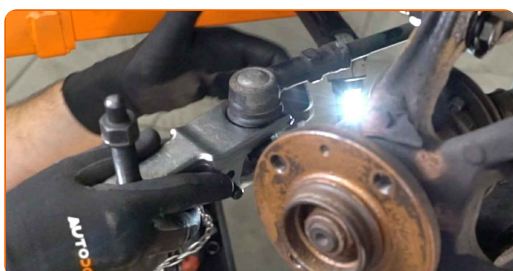
15 Clean the fasteners connecting the shock strut to the steering knuckle. Clean the fastener connecting the tie rod end to the steering knuckle. Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



16 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



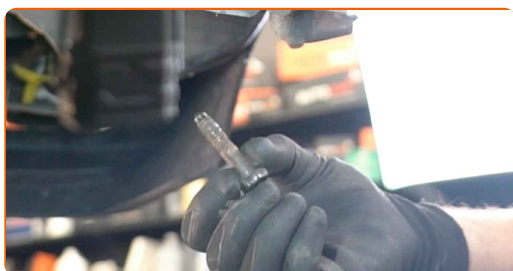
17 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



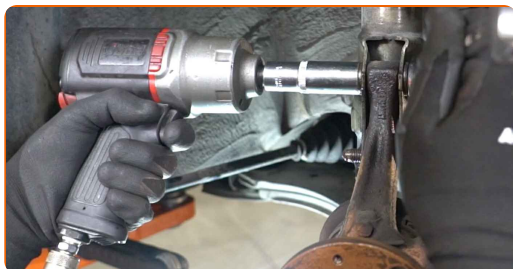
- 18** Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



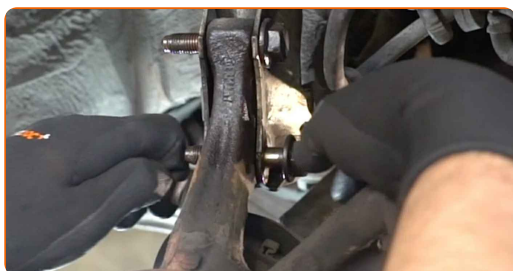
- 19** Remove the fastening bolt.



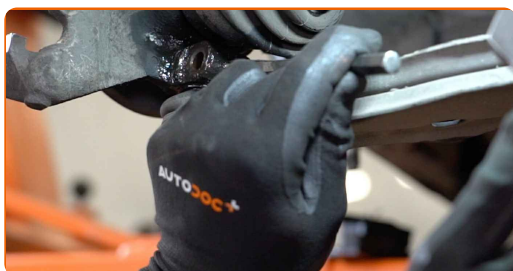
- 20** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



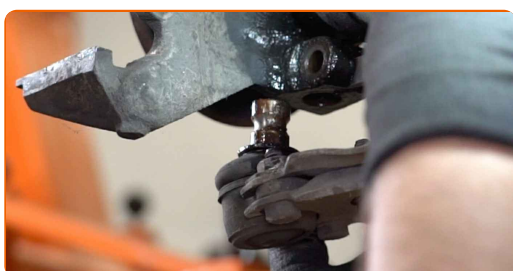
- 21** Remove the fastening bolt.



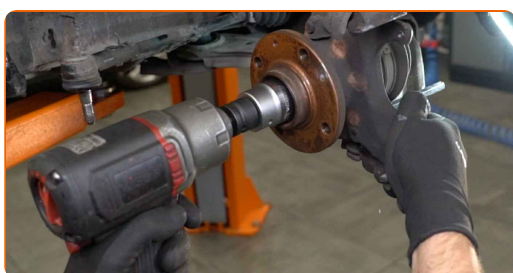
- 22 Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



- 23 Disconnect the ball joint from the steering knuckle.



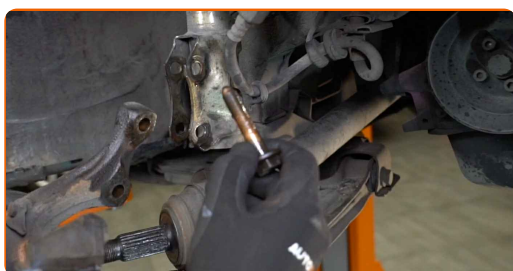
- 24 Remove the fastening nut. Use a drive socket #30. Use a ratchet wrench.



- 25 Detach the driveshaft from the steering knuckle.



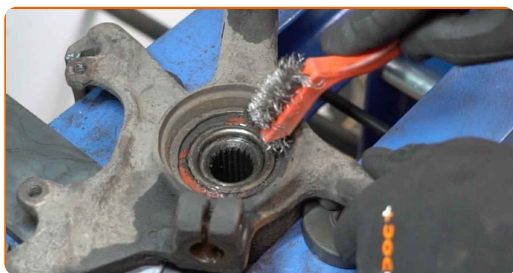
- 26 Remove the fastening bolt.



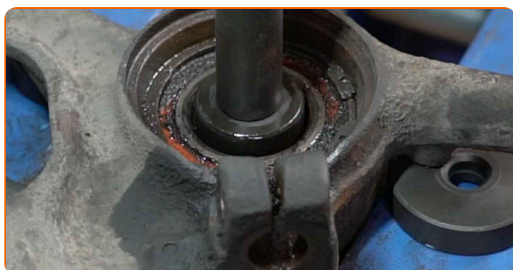
27 Remove the steering knuckle together with the hub.



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



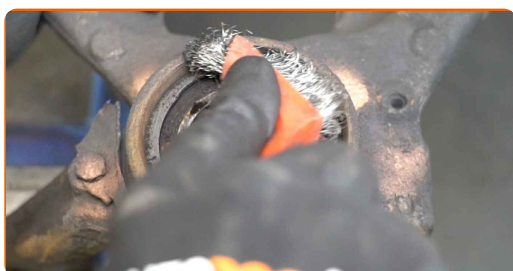
29 Remove the wheel hub from the steering knuckle. Use a bush and bearing driver set.



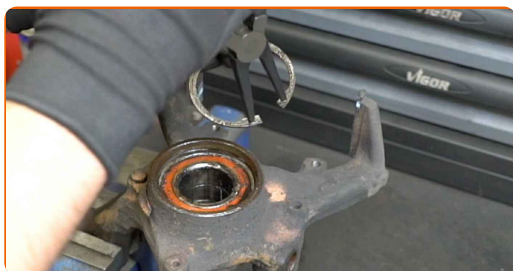
30 Place the steering knuckle in the vice.



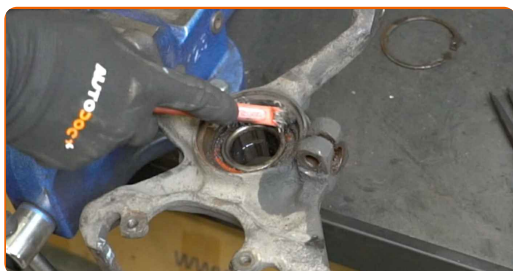
31 Clean the wheel hub bearing retaining ring. Use a wire brush. Use WD-40 spray.



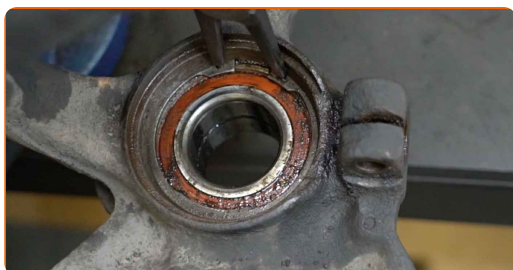
32 Remove the wheel hub bearing retaining ring. Use circlip pliers.



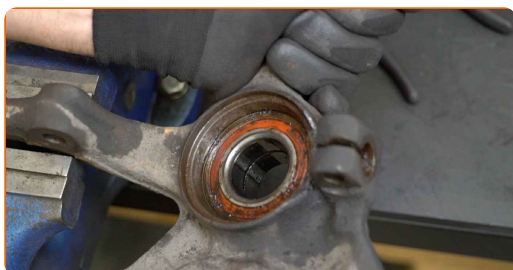
33 Clean the wheel hub bearing retaining ring. Use a wire brush. Use WD-40 spray.



34 Remove the wheel hub bearing retaining ring. Use circlip pliers.



35 Loosen the vice and remove the steering knuckle.



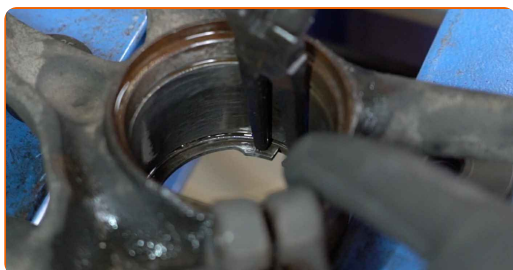
36 Press out the wheel hub bearing. Use a bush and bearing driver set.



37 Clean the hub bearing mounting seat. Use all-purpose cleaning spray. Use WD-40 spray.



38 Install the wheel hub bearing retaining ring. Use circlip pliers.



39 Press the new bearing in the steering knuckle. Use a bush and bearing driver set.



Replacement: wheel bearing – VW Golf 2. AUTODOC recommends:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

40

Install the wheel hub bearing retaining ring. Use circlip pliers.



41

Clean the hub. Use WD-40 spray.



42

Install the wheel hub on the steering knuckle. Use a bush and bearing driver set.

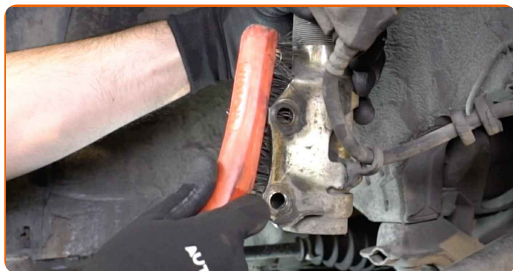


AUTODOC recommends:

- Make sure that the wheel hub is positioned correctly. Avoid any misalignment.

43

Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.



44

Install the steering knuckle with a hub in assembly.



45

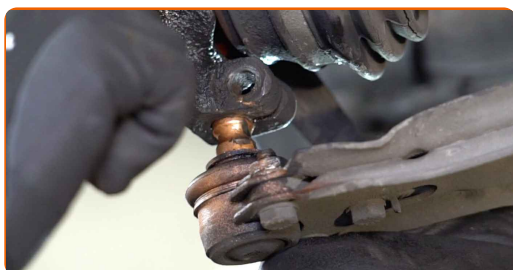
Install the fastening bolt.

46

Install the drive shaft.

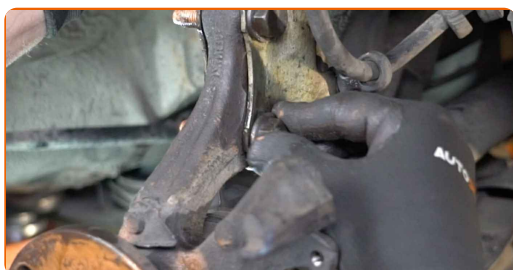
47

Connect the ball joint to the steering knuckle.



48

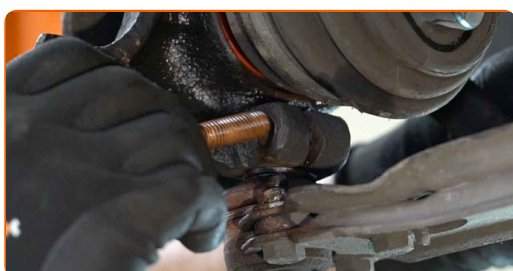
Install the fastening bolt.



- 49 Screw in the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a tap wrench.



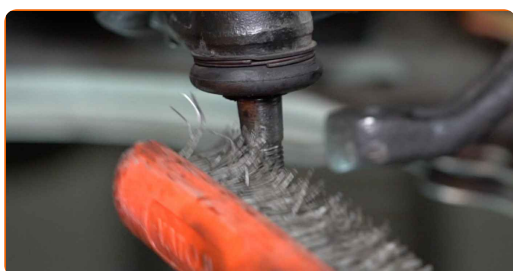
- 50 Install the fastening bolt.



- 51 Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.

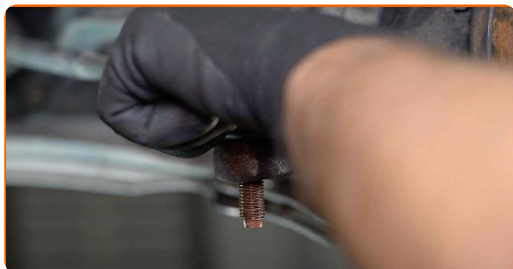


- 52 Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



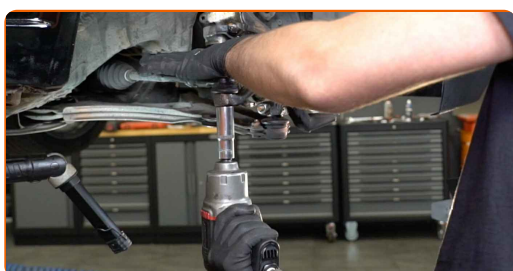
53

Connect the tie rod end to the steering knuckle.



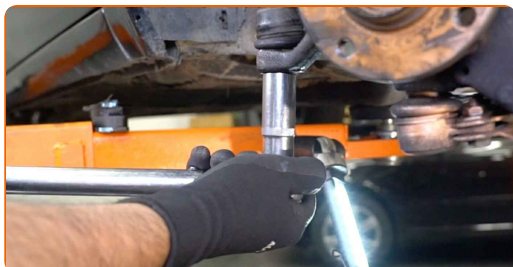
54

Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



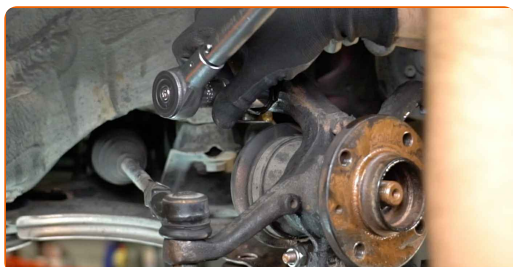
55

Tighten the fastener connecting the ball joint to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 55 nm torque.

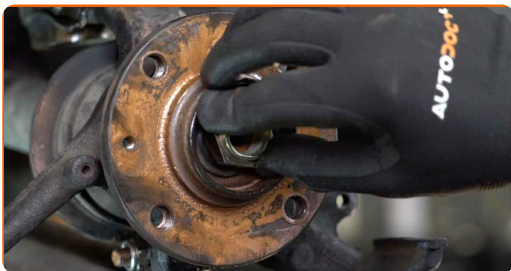


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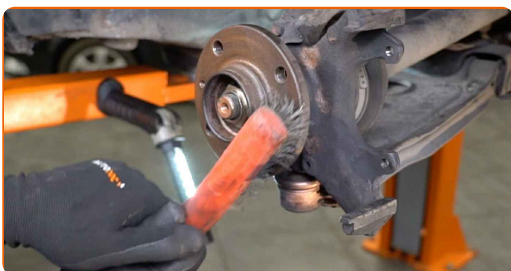
Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 80 nm torque.



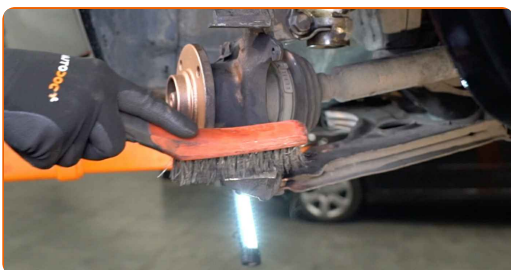
57 Install the fastening nut.



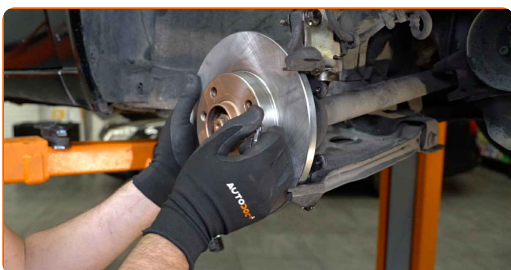
58 Clean the hub. Use a wire brush. Use all-purpose cleaning spray. Treat the contacting surface. Use copper grease.



59 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use all-purpose cleaning spray.

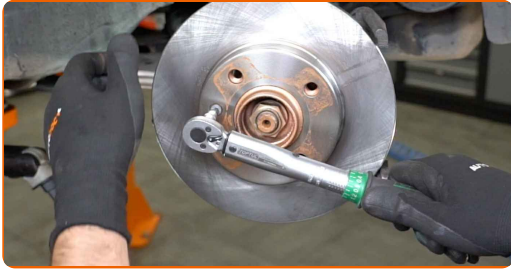


60 Install the brake disc.



61

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



62

Install the brake pads in the brake caliper bracket.



63

Install the brake caliper and fix it. Use HEX No.H6. Use a torque wrench. Tighten it to 25 Nm torque.



64

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

65

Treat the fasteners of the ball joint. Treat the CV axle fastener. Treat the fastener connecting the tie rod end to the steering knuckle. Treat the shock strut fasteners. Use copper grease.

66

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



67

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



68

Clean the brake disk surface. Use a brake cleaner.

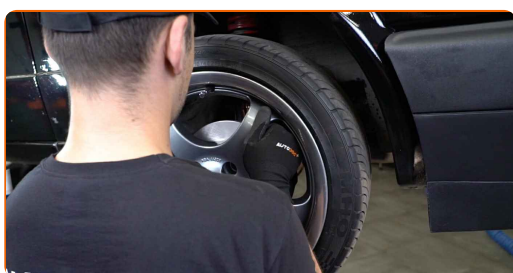


AUTODOC recommends:

- Replacement: wheel bearing – VW Golf 2. After applying the spray, wait a few minutes.

69

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Golf 2

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



71 Lower the car.



72 Tighten the drive shaft nut. Use a drive socket #30. Use a torque wrench. Tighten it to 230 Nm torque.



73 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



74

Remove the jacks and chocks.



WELL DONE! 

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