



How to change front
wheel bearing on **VW**
POLO PLAYA –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

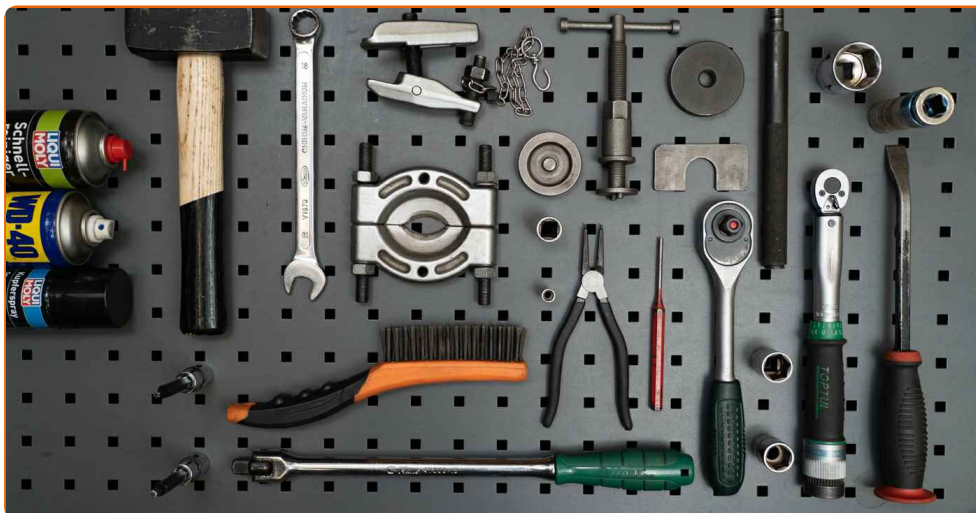
This replacement procedure can be used for:

VW POLO PLAYA 1.0

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: VW Lupo (6X1, 6E1) 1.0

**REPLACEMENT: WHEEL BEARING – VW POLO PLAYA.
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Drive socket # 8
- Drive socket # 13
- Drive socket # 18
- Drive socket # 19
- Drive socket # 30
- HEX bit no.H6
- Torx bit T30
- Wheel impact socket #17
- Bush and bearing driver set
- Bearing separator
- Ball joint puller
- Ratchet wrench
- Circlip pliers
- Tap wrench
- Hammer
- Pin punch
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

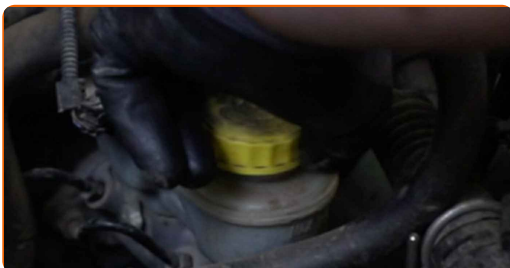
AUTODOC recommends:

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

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

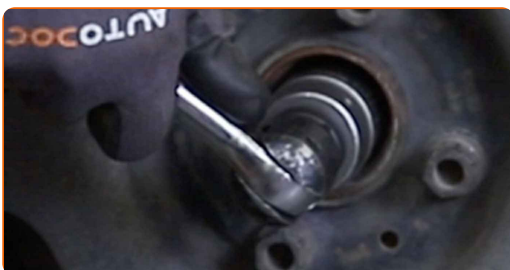
1 Open the bonnet.

2 Unscrew the brake fluid reservoir cap.

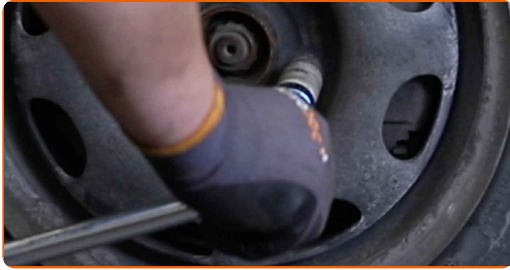


3 Secure the wheels with chocks.

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



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



6 Raise the car.

Replacement: wheel bearing – VW POLO PLAYA. Tip:

- 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.

7 Unscrew the wheel bolts.



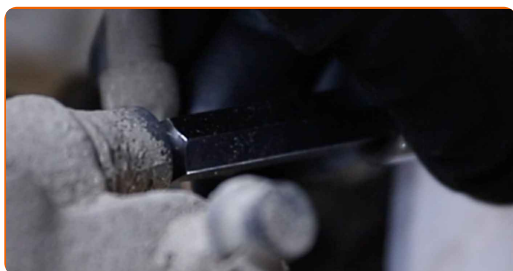
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW POLO PLAYA

8 Remove the wheel.



9 Unscrew the brake caliper fastening. Use HEX No.H6. Use a ratchet wrench.



10 Remove the fastening bolts.



11 Spread the brake pads. Use a crowbar.



12 Remove the brake caliper.



Replacement: wheel bearing – VW POLO PLAYA. AUTODOC experts recommend:

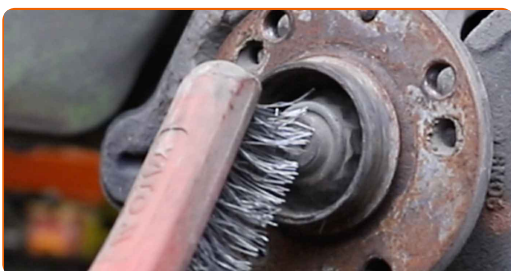
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

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

14 Remove the brake disc.



15 Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.



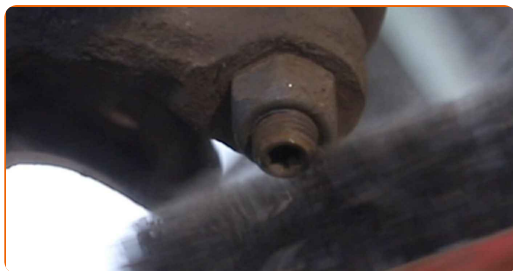
16 Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #30. Use a ratchet wrench.



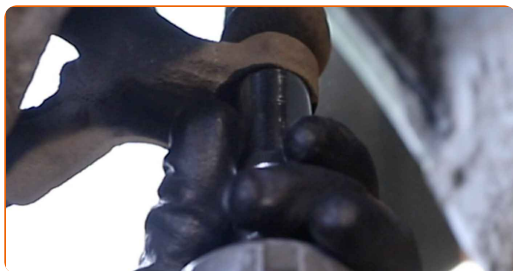
17 Remove the fastening nut.



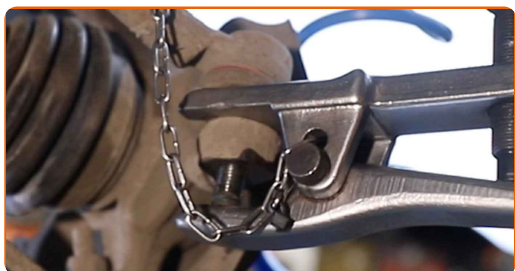
18 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



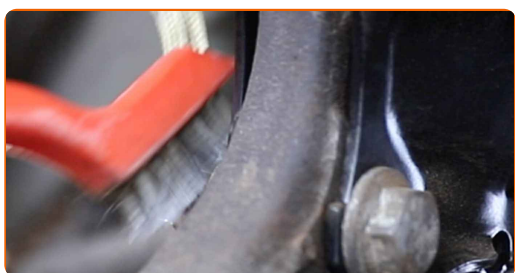
19 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



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



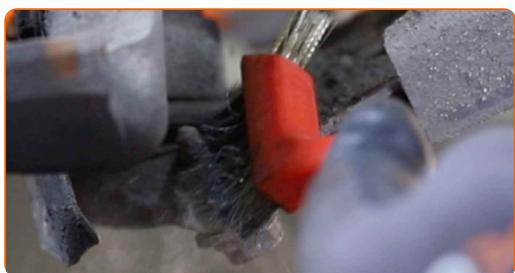
21 Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



22 Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



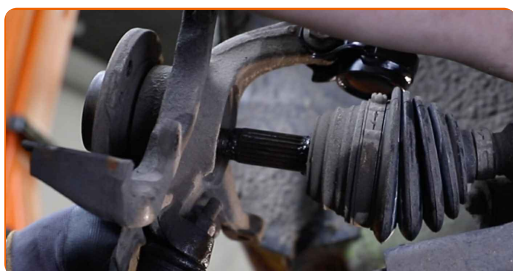
23 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



- 24** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13. Use a ratchet wrench.



- 25** Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.



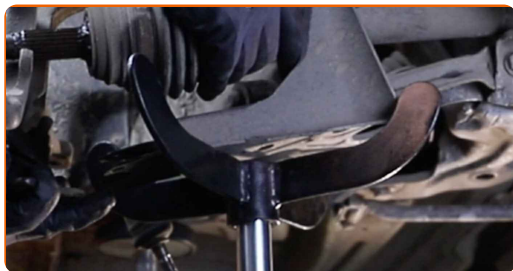
Replacement: wheel bearing – VW POLO PLAYA. Tip from AUTODOC experts:

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

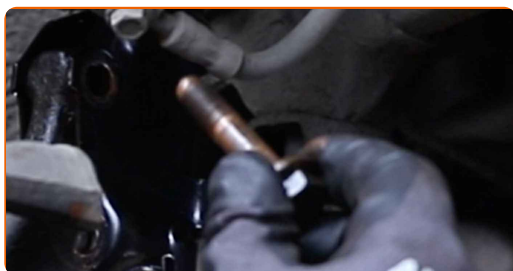
- 26** Disconnect the ball joint from the arm.



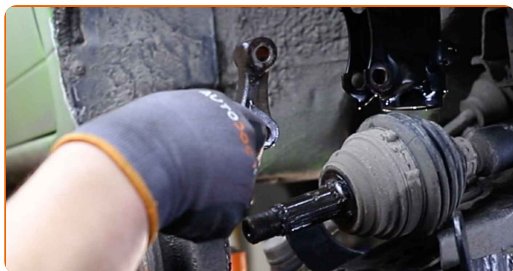
27 Support the arm. Use a hydraulic transmission jack.



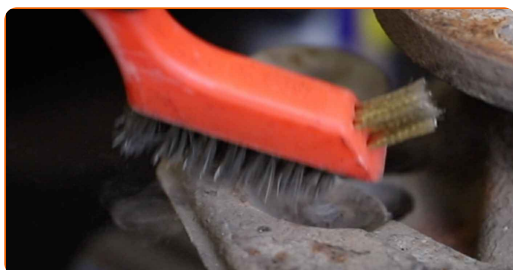
28 Remove the fastening bolts.



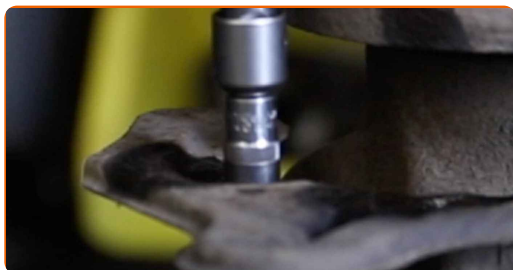
29 Disconnect the steering knuckle from the shock absorber strut.



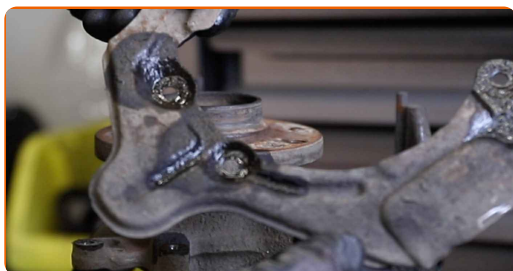
30 Clean the fasteners of the brake disc cover. Use a wire brush. Use WD-40 spray.



31 Unscrew the fasteners of the brake disc cover. Use a drive socket #8. Use a ratchet wrench.



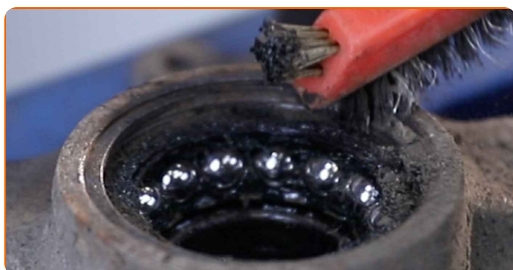
32 Remove the brake disc cover.



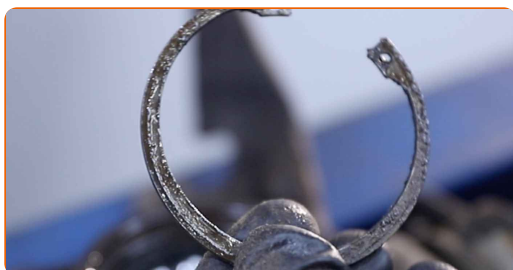
33 Remove the wheel hub from the steering knuckle. Use a bush and bearing driver set.



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



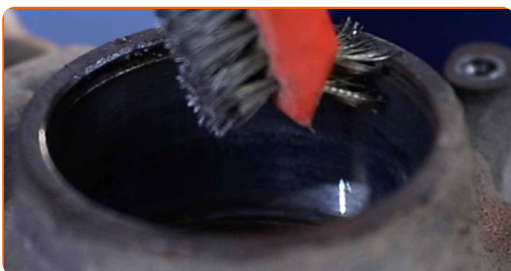
35 Remove the wheel hub bearing retaining ring. Use circlip pliers.



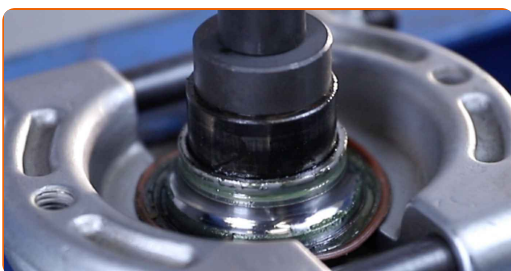
36 Press out the wheel hub bearing. Use a bush and bearing driver set.



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



38 Press out the inner bearing race that is remaining on the hub. Use a bush and bearing driver set. Use a bearing separator.



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



40

Press-fit the new bearing into the steering knuckle. Use a bush and bearing driver set.



Replacement: wheel bearing – VW POLO PLAYA. Tip:

- 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.

41

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



42

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



AUTODOC recommends:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.

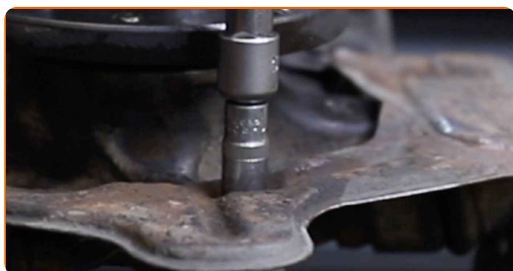
43

Install the brake disc cover.



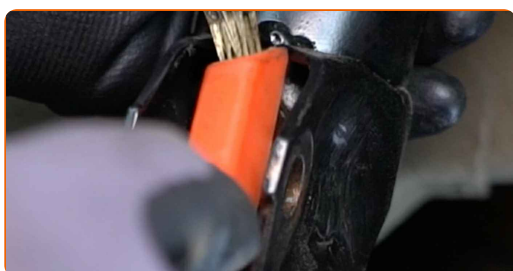
44

Tighten the fasteners of the brake disc back plate. Use a drive socket #8. Use a torque wrench. Tighten it to 5 Nm torque.



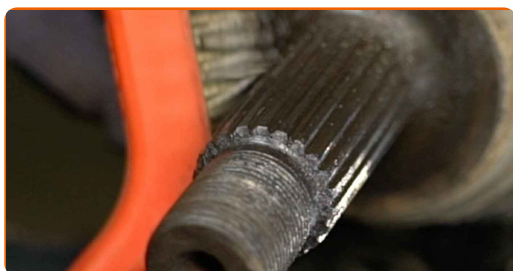
45

Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



46

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



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



48 Clean the ball joint mounting seat. Use a wire brush. Use WD-40 spray.

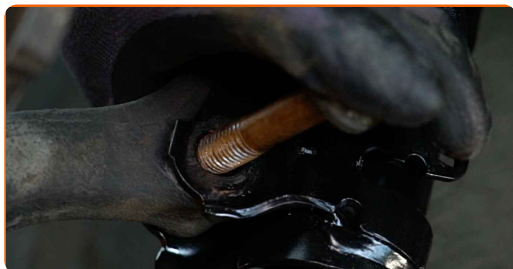


49 Install the steering knuckle on the CV axle.

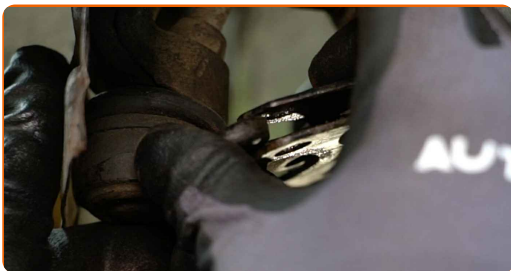


50 Fix the shock absorber strut on the steering knuckle.

51 Install the fastening bolts.

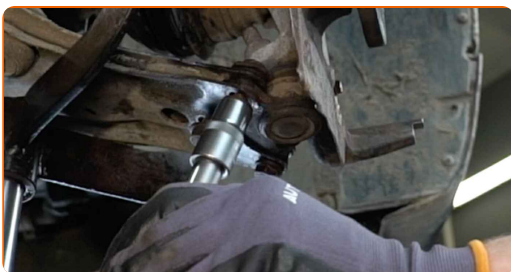


52 Attach the ball joint to the control arm.

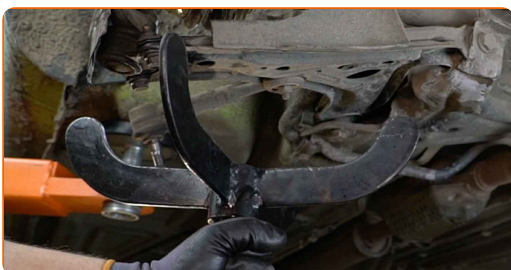


53 Install the fastening bolts.

54 Screw in the fastener connecting the ball joint to the control arm. Use a drive socket #13. Use a ratchet wrench.



55 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: wheel bearing – VW POLO PLAYA. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

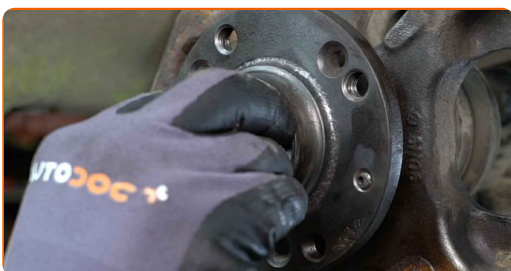
56

Screw in the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



57

Install the fastening nut.



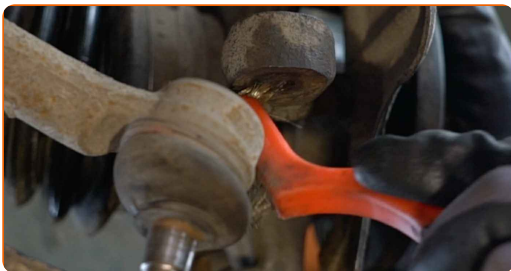
58

Screw in the nut of the CV axle. Use a drive socket #30. Use a ratchet wrench.

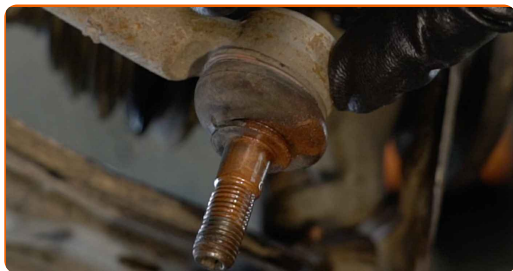


59

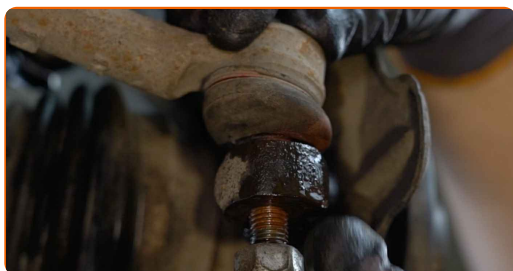
Clean the mounting seat of the tie rod end. Use a wire brush. Use WD-40 spray.



60 Treat the mounting seats of the tie rod end. Use copper grease.

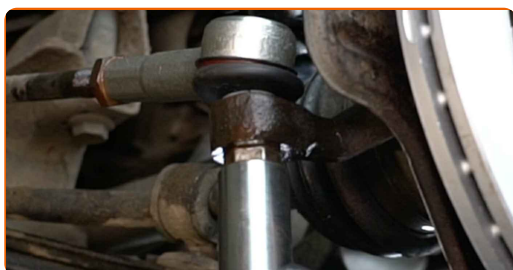


61 Connect the tie rod end to the steering knuckle.

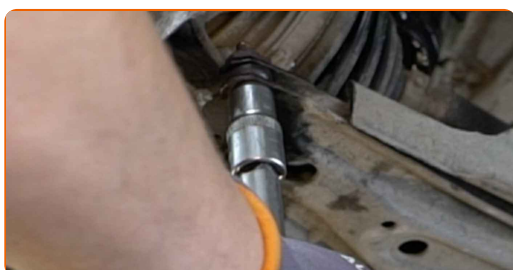


62 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.

63 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 35 nm torque.



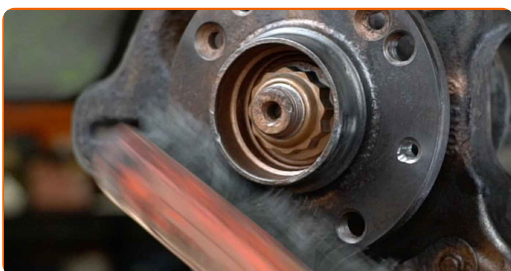
64 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque. +90°



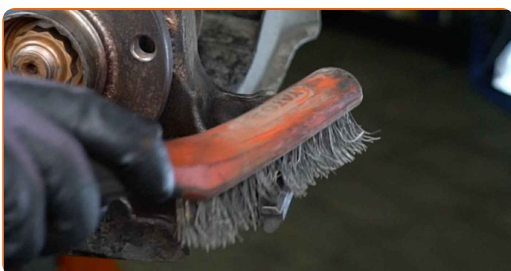
- 65** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 40 Nm torque. +90°



- 66** Clean the hub. Use a wire brush. Use all-purpose cleaning spray.



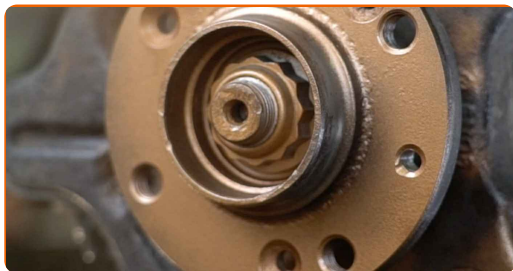
- 67** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

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



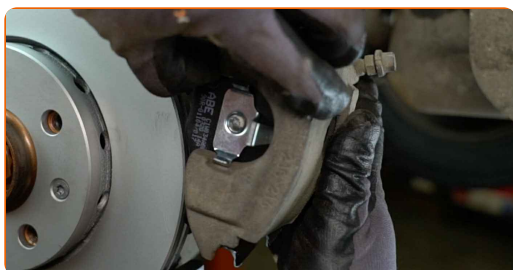
69 Install the brake disc.



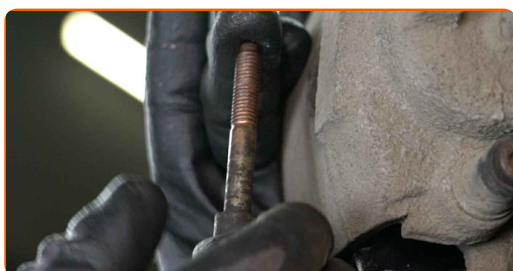
70 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



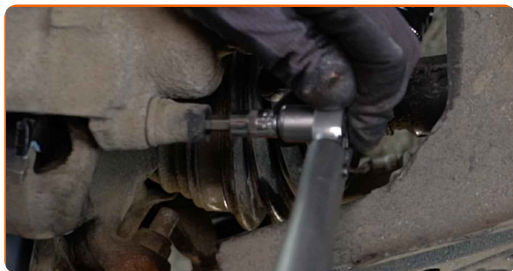
71 Install the brake caliper and fix it.



72 Install the fastening bolts.



73 Tighten the brake caliper fasteners. Use HEX No.H6. Use a torque wrench. Tighten it to 25 Nm torque.



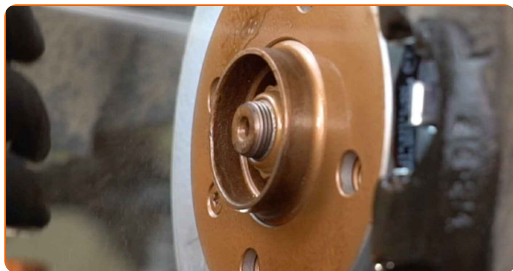
74 Treat the fasteners of the ball joint. Treat the shock strut fasteners. Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



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



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



77

Clean the brake disk surface. Use a brake cleaner.

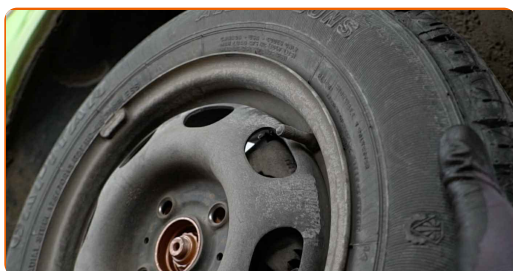


AUTODOC recommends:

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

78

Install the wheel.

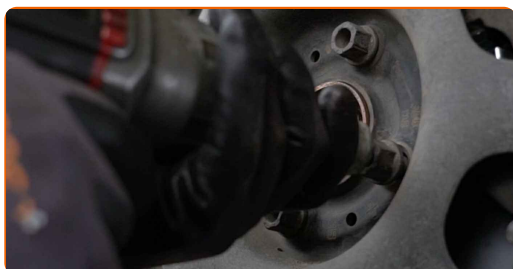


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW POLO PLAYA

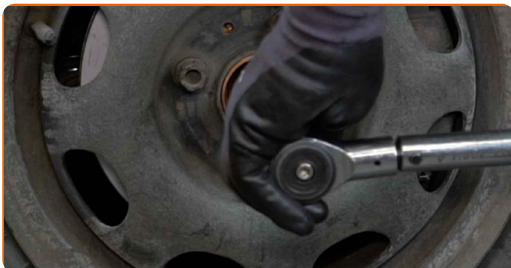
79

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

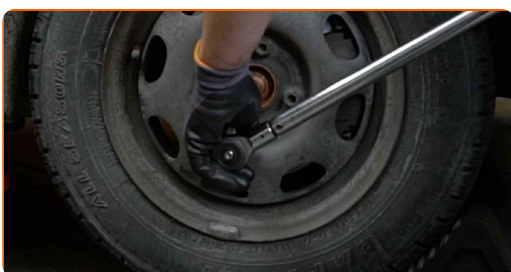


80 Lower the car.

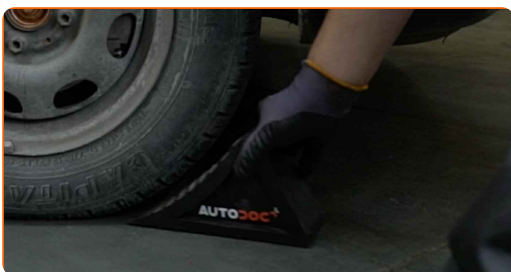
81 Tighten the drive shaft nut. Use a drive socket #30. Use a torque wrench. Tighten it to 175 Nm torque.



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



83 Remove the jacks and chocks.



Replacement: wheel bearing – VW POLO PLAYA. AUTODOC recommends:

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

84

Tighten the brake fluid reservoir cap. Close the hood.



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 2023 – 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 SE.