



How to change front ball
joint on **VW Golf IV**
Variant (1J5) –
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 Golf IV Variant (1J5) 1.4 16V, VW Golf IV Variant (1J5) 1.6, VW Golf IV Variant (1J5) 2.0, VW Golf IV Variant (1J5) 1.9 SDI, VW Golf IV Variant (1J5) 1.9 TDI, VW Golf IV Variant (1J5) 1.9 TDI 4motion, VW Golf IV Variant (1J5) 2.3 V5, VW Golf IV Variant (1J5) 2.3 V5 4motion, VW Golf IV Variant (1J5) 1.8 4motion, VW Golf IV Variant (1J5) 2.8 V6 4motion, VW Golf IV Variant (1J5) 1.6 16V, VW Golf IV Variant (1J5) 2.0 4motion, VW Golf IV Variant (1J5) 2.0 Bi-Fuel, VW Golf IV Variant (1J5) 1.6 FSI, VW Golf IV Variant (1J5) 1.8 T

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: SKODA OCTAVIA (1U2) 1.6

REPLACEMENT: BALL JOINT – VW GOLF IV VARIANT (1J5). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Torque wrench
- Drive socket # 13
- Drive socket # 16
- Drive socket # 30
- Combination spanner #18
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Ball joint puller
- Rubber mallet
- Pin punch
- Wheel chock

Buy tools

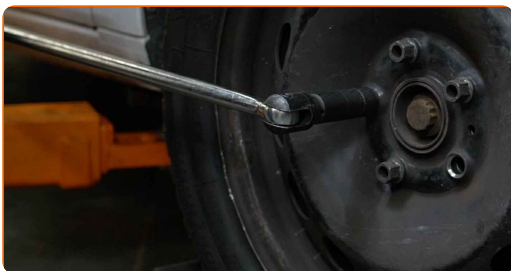
Replacement: ball joint – VW Golf IV Variant (1J5). Tip:

- The replacement procedure is identical for the left and right ball joints.
- All work should be done with the engine stopped.

REPLACEMENT: BALL JOINT – VW GOLF IV VARIANT (1J5). TAKE THE FOLLOWING STEPS:

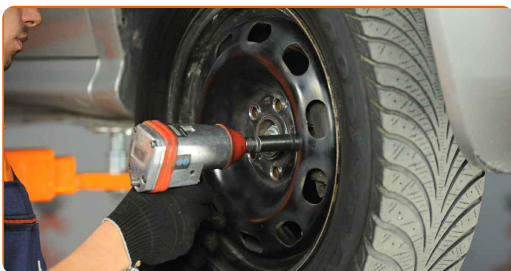
1 Secure the wheels with chocks.

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



3 Raise the front 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. VW Golf IV Variant (1J5)

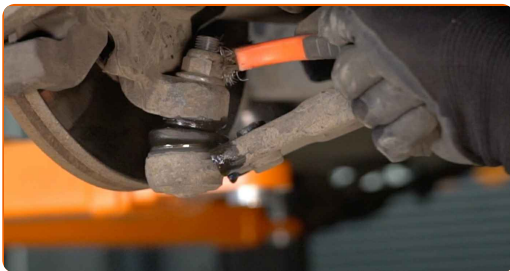
5

Remove the wheel.



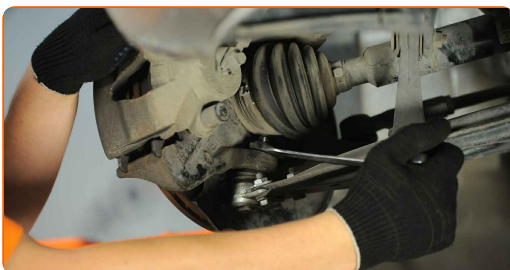
6

Clean the ball joint fasteners. Use a wire brush. Use WD-40 spray.



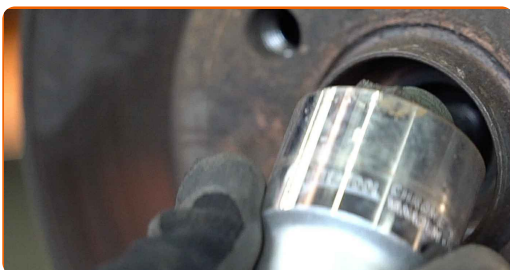
7

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18.

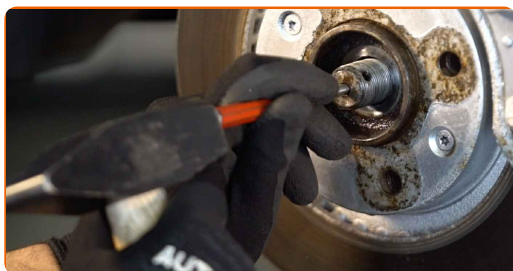


8

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



9 Remove the drive shaft. Use a pin punch. Use a rubber mallet.



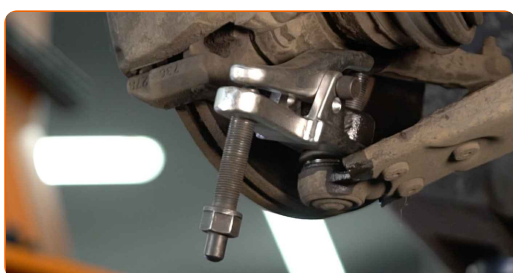
10 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

11 Unscrew the fastener connecting the stabilizer link to the control arm. Use a drive socket #16. Use a ratchet wrench.

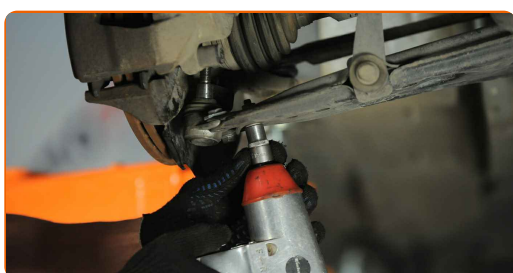


12 Remove the fastening bolt.

13 Disconnect the ball joint from the steering knuckle. Use a ball joint puller.



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

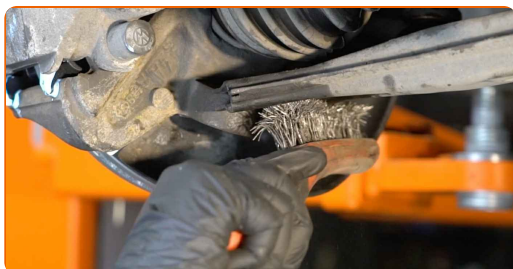


15 Remove the fastening bolts.

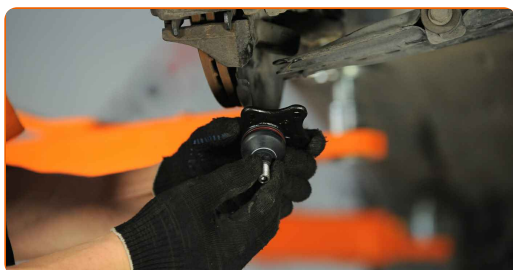
16 Remove the ball joint.



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



18 Install a new ball joint.



AUTODOC recommends:

- Do not damage the ball joint cover.

19 Attach the ball joint to the control arm.

20 Install the fastening bolts.

- 21 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°

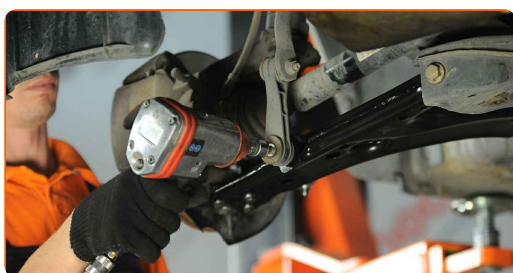


- 22 Connect the ball joint to the steering knuckle. Use a crowbar.

- 23 Tighten the ball joint fastener. Use a combination spanner #18. Use a torque wrench. Tighten it to 20 Nm torque.+90°

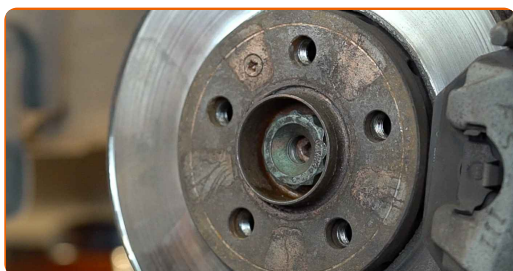


- 24 Install the rod fastening to the stabilizer and tighten it. Use a drive socket #16. Use a torque wrench. Tighten it to 15 Nm torque.+90°

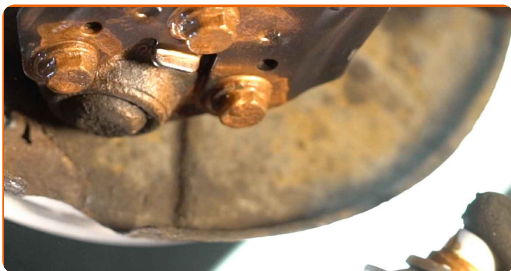


- 25 Mount the drive shaft into the wheel hub.

- 26 Tighten the drive shaft nut. Use a drive socket #30. Use a torque wrench. Tighten it to 225 Nm torque.



27 Treat the fasteners of the ball joint. Treat all joints of the stabiliser link. Use copper grease.



28 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



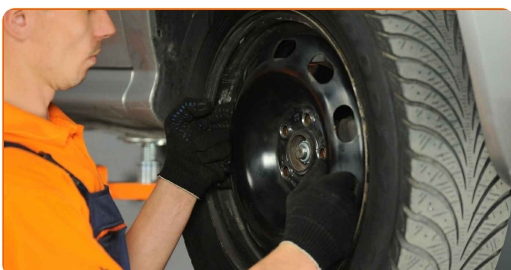
29 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: ball joint – VW Golf IV Variant (1J5). After applying the spray, wait a few minutes.

30 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Golf IV Variant (1J5)

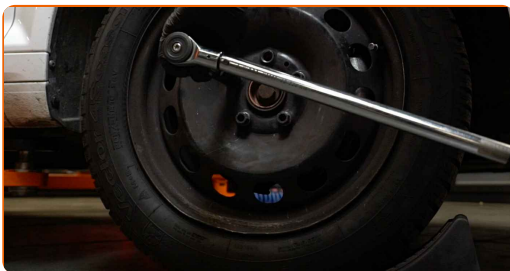
31

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



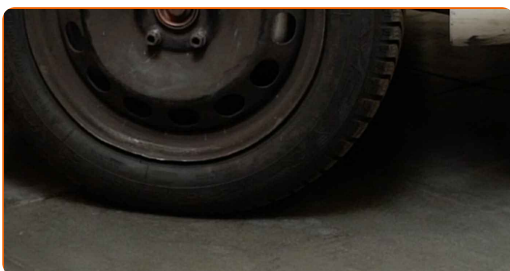
32

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 120 nm torque.



33

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



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BALL JOINT: A WIDE SELECTION

(i) 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.