



How to change front ball
joint on **VW Fox**
**Hatchback (5Z1, 5Z3,
5Z4)** – 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 Fox Hatchback (5Z1, 5Z3, 5Z4) 1.2, VW Fox Hatchback (5Z1, 5Z3, 5Z4) 1.4, VW Fox Hatchback (5Z1, 5Z3, 5Z4) 1.4 TDI

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: SEAT Ibiza III Hatchback (6L) 1.4 16V

REPLACEMENT: BALL JOINT – VW FOX HATCHBACK (5Z1, 5Z3, 5Z4). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Combination spanner #19
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Crow bar
- Wheel chock

Buy tools

Replacement: ball joint – VW Fox Hatchback (5Z1, 5Z3, 5Z4). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- Please note: all work on the car – VW Fox Hatchback (5Z1, 5Z3, 5Z4) – 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 front of the car and secure on supports.

4

Unscrew the wheel bolts.



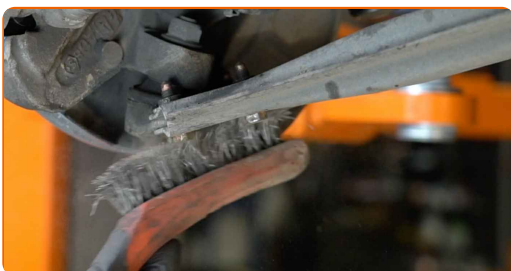
Replacement: ball joint – VW Fox Hatchback (5Z1, 5Z3, 5Z4). Tip:

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

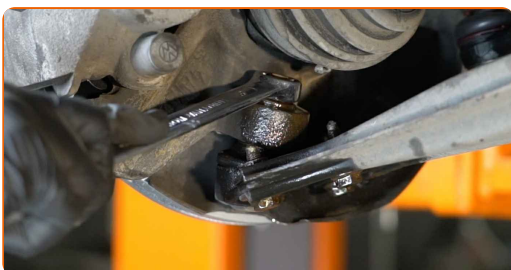
5 Remove the wheel.



6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



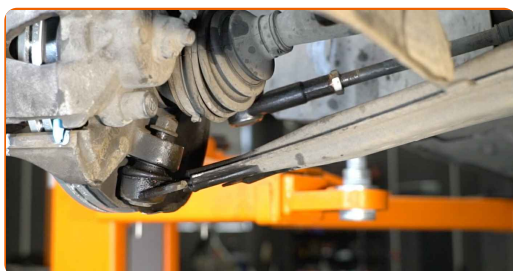
7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18.



- 8 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13. Use a tap wrench.



- 9 Disconnect the spherical joint from the arm.



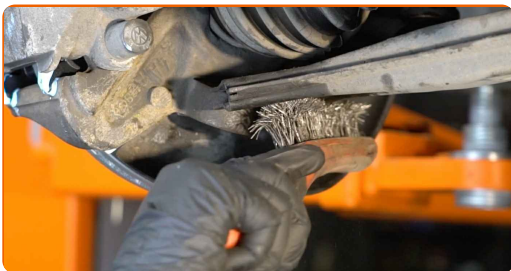
- 10 Disconnect the ball joint from the steering knuckle. Use a crowbar. Use a ball joint puller.



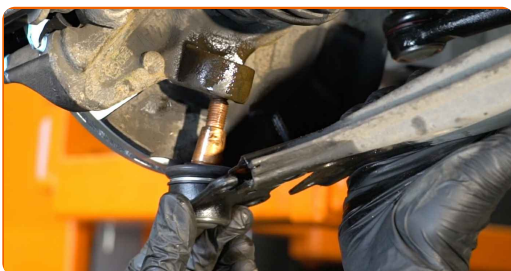
- 11 Remove the ball joint.



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



13 Install a new ball joint.



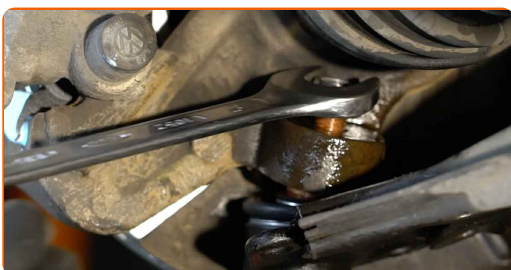
Replacement: ball joint – VW Fox Hatchback (5Z1, 5Z3, 5Z4). Tip from AUTODOC:

- Do not damage the ball joint cover.

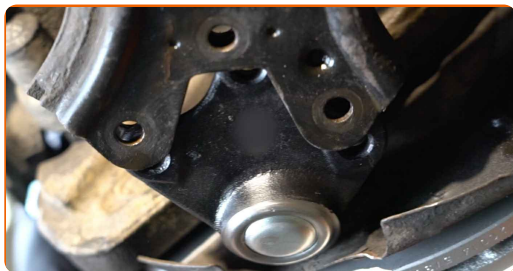
14 Connect the ball joint to the steering knuckle.



15 Screw the fasteners of the ball joint. Use a combination spanner #19.



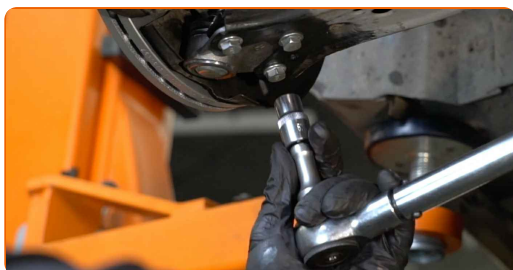
16 Attach the ball joint to the control arm.



17 Screw the fasteners of the ball joint. Use a drive socket #13. Use a ratchet wrench.



18 Tighten the ball joint fastener. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

19

Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 45 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

20

Treat the fasteners of the ball joint. Use copper grease.



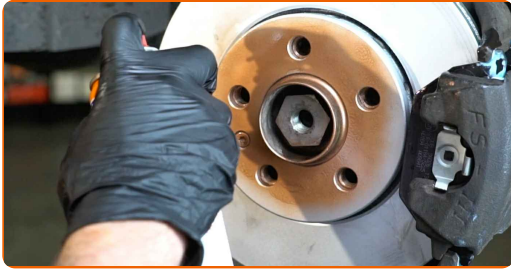
21

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



22

Clean the brake disk surface. Use a brake cleaner.

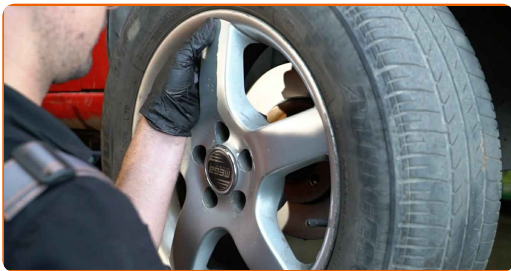


AUTODOC recommends:

- Replacement: ball joint – VW Fox Hatchback (5Z1, 5Z3, 5Z4). After applying the spray, wait a few minutes.

23

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Fox Hatchback (5Z1, 5Z3, 5Z4)

24

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



25

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.

**26**

Remove the jacks and chocks.



WELL DONE! 

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BALL JOINT: A WIDE SELECTION

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