



How to change front ball joint on **Seat Ibiza 6L1** – replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

SEAT Córdoba I Saloon (6K1, 6K2) 1.9 SDI, SEAT Córdoba I Vario (6K5) 1.9 SDI, SEAT Córdoba I Saloon (6K1, 6K2) 1.4 16V, SEAT Córdoba I Vario (6K5) 1.4 16V, SEAT Córdoba I Saloon (6K1, 6K2) 1.8 T 20V Cupra, SEAT Ibiza III Hatchback (6L) 1.2, SEAT Ibiza III Hatchback (6L) 1.4 16V, SEAT Ibiza III Hatchback (6L) 1.9 TDI, SEAT Ibiza III Hatchback (6L) 1.9 SDI, SEAT Ibiza III Hatchback (6L) 1.4 TDI, SEAT Córdoba II Saloon (6L2) 1.2, SEAT Córdoba II Saloon (6L2) 1.4 16V, SEAT Córdoba II Saloon (6L2) 1.9 TDI, SEAT Córdoba II Saloon (6L2) 1.9 SDI, SEAT Córdoba II Saloon (6L2) 1.4 TDI, (+ 12)

The steps may slightly vary depending on the car design.

REPLACEMENT: BALL JOINT – SEAT IBIZA 6L1. 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 – Seat Ibiza 6L1. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- Please note: all work on the car – Seat Ibiza 6L1 – 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.



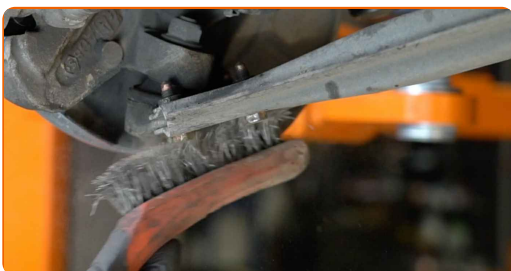
Replacement: ball joint – Seat Ibiza 6L1. Tip:

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

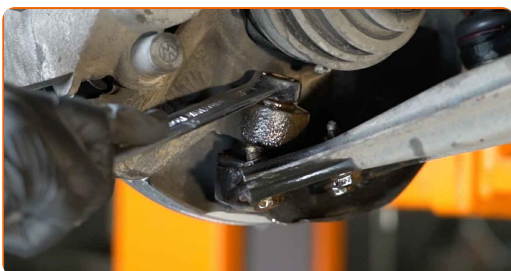
5 Remove the wheel.



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



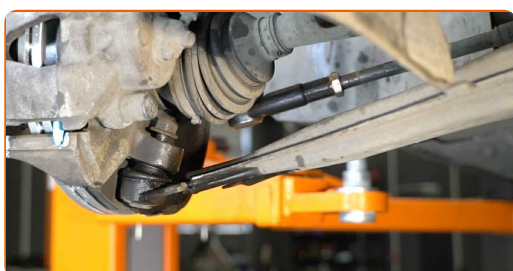
7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18.



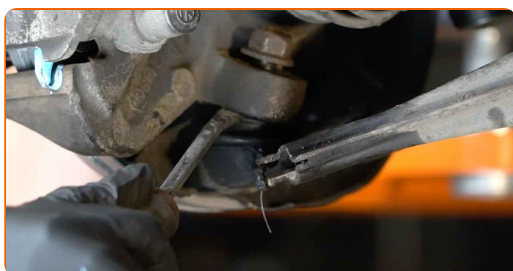
- 8 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13. Use a tap wrench.



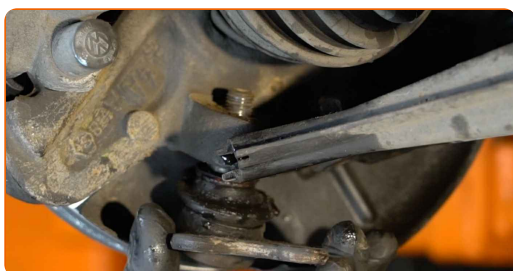
- 9 Disconnect the spherical joint from the arm.



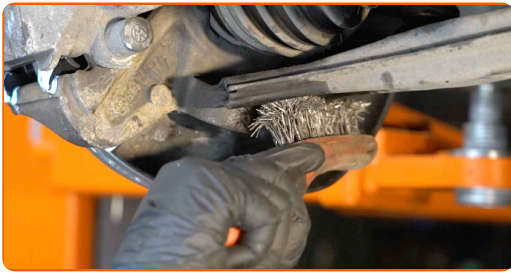
- 10 Disconnect the ball joint from the steering knuckle. Use a crowbar. Use a ball joint puller.



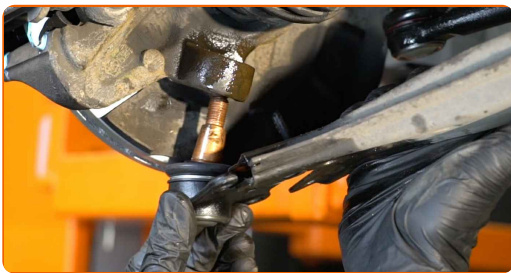
- 11 Remove the ball joint.



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



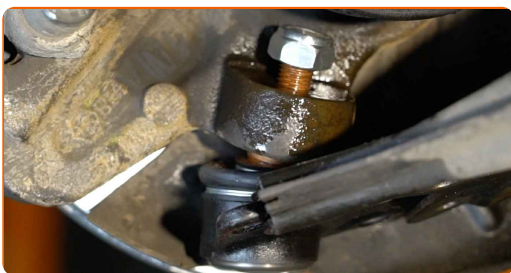
13 Install a new ball joint.



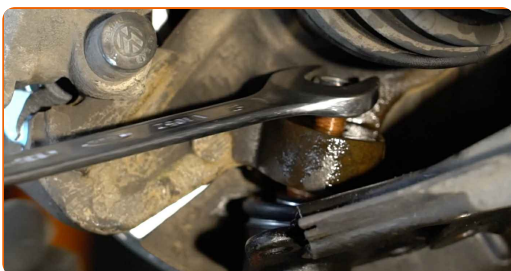
Replacement: ball joint – Seat Ibiza 6L1. Tip from AUTODOC:

- Do not damage the ball joint cover.

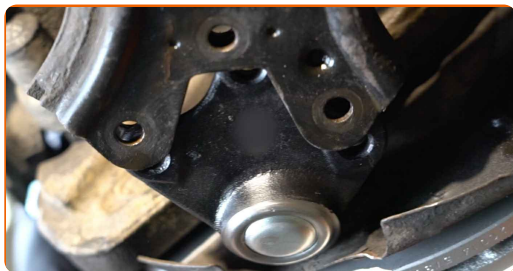
14 Connect the ball joint to the steering knuckle.



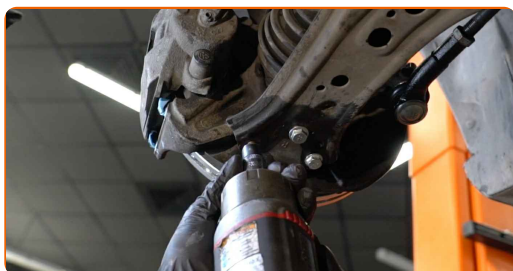
15 Screw the fasteners of the ball joint. Use a combination spanner #19.



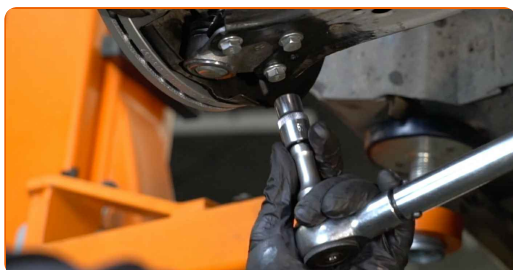
16 Attach the ball joint to the control arm.



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°

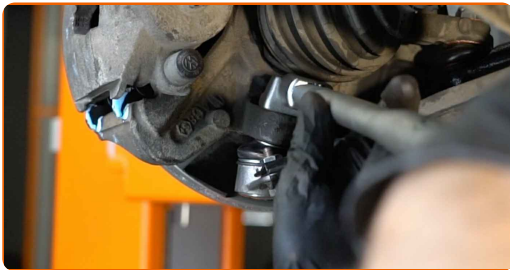


AUTODOC recommends:

- 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°

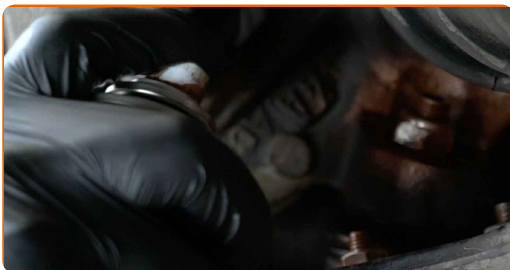


AUTODOC recommends:

- Important! Be sure to use new fasteners.

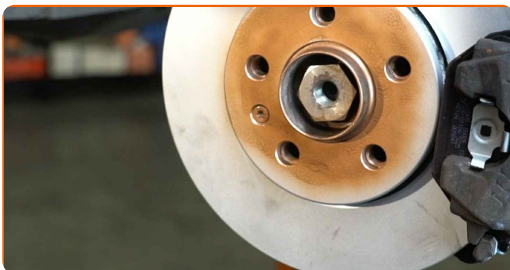
20

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.

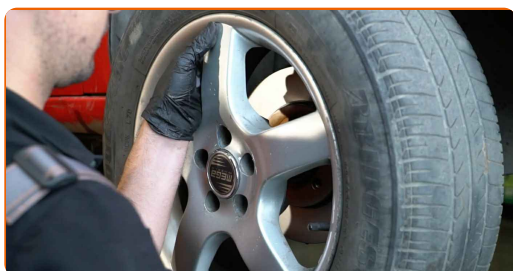


AUTODOC recommends:

- Replacement: ball joint – Seat Ibiza 6L1. After applying the spray, wait a few minutes.

23

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Seat Ibiza 6L1

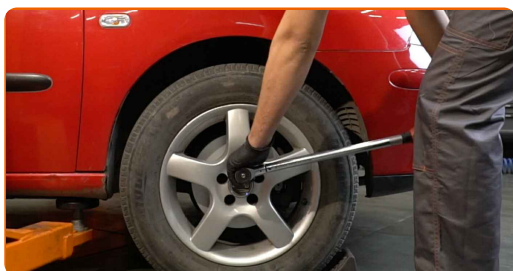
24

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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