



How to change front ball joint on **VW Sharan VAN (7M)** – replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

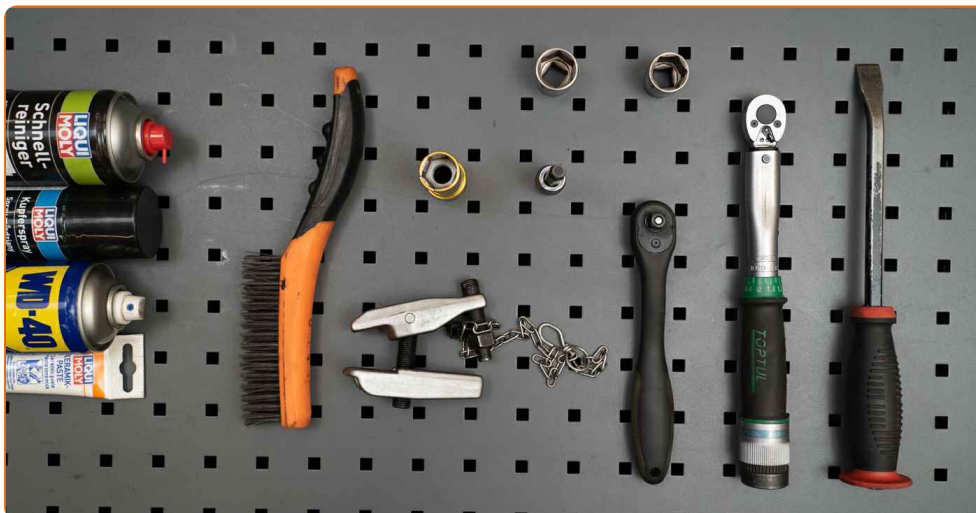
This replacement procedure can be used for:

VW Sharan VAN (7M) 2.0 (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8), VW Sharan VAN (7M) 1.9 TDI (7M6, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M9)

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 SHARAN (7M8, 7M9, 7M6) 1.9 TDI

**REPLACEMENT: BALL JOINT – VW SHARAN VAN (7M).  
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Drive socket # 21
- Drive socket # 22
- HEX bit no.H8
- Wheel impact socket #19
- Ball joint puller
- Ratchet wrench
- Crow bar
- Wheel chock

**Buy tools**

Replacement: ball joint – VW Sharan VAN (7M). Tip from AUTODOC:

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

**PLEASE NOTE: ALL WORK ON THE CAR – VW SHARAN VAN (7M) – SHOULD BE DONE WITH THE ENGINE SWITCHED OFF.**

**1** Secure the wheels with chocks.

**2** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**3** Raise the car.

Replacement: ball joint – VW Sharan VAN (7M). AUTODOC experts recommend:

- 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.

4

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. VW Sharan VAN (7M)

5

Remove the wheel.



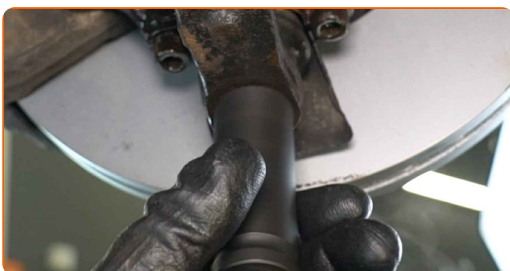
6

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

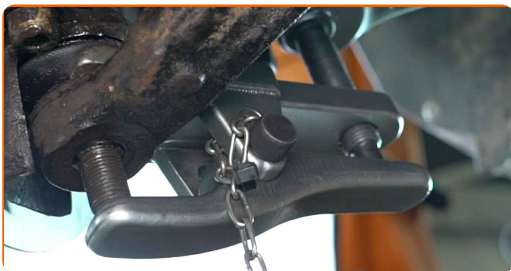


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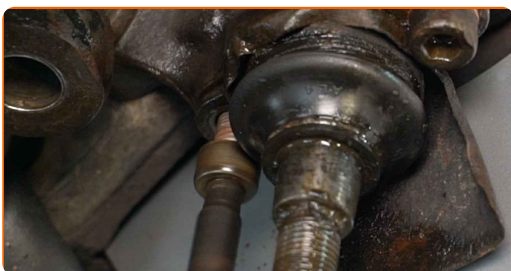
Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #21. Use a ratchet wrench.



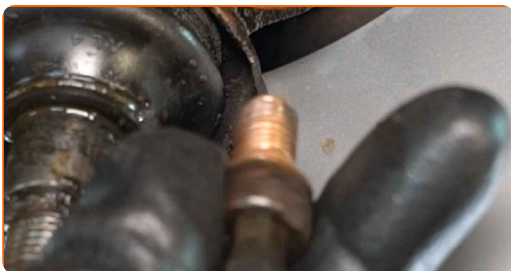
**8** Disconnect the ball joint from the control arm. Use a ball joint puller.



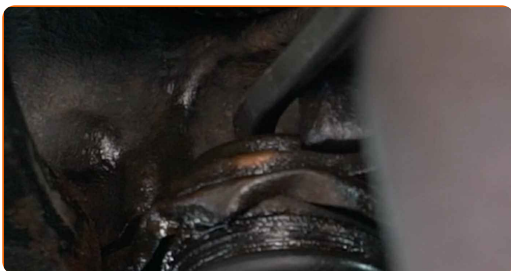
**9** Unscrew the ball joint fasteners from the steering knuckle. Use HEX No.H8. Use a ratchet wrench.



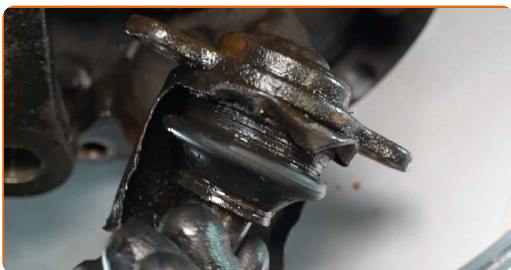
**10** Remove the fastening bolts.



**11** Disconnect the ball joint from the steering knuckle. Use a crowbar.



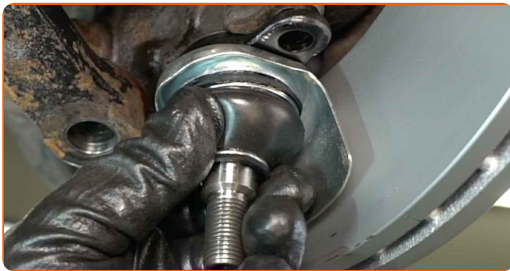
**12** Remove the ball joint.



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



**14** Install a new ball joint.



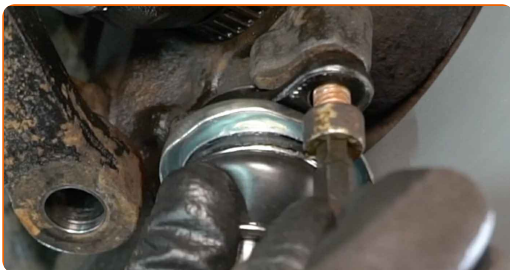
Replacement: ball joint – VW Sharan VAN (7M). Tip from AUTODOC:

- Do not damage the ball joint cover.

**15** Connect the ball joint to the steering knuckle.

**16** Install the fastening bolts.

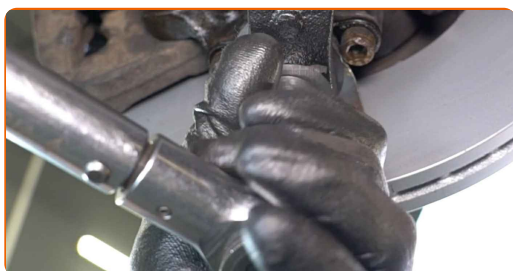
**17** Screw in the fasteners that connect the ball joint to the steering knuckle. Use HEX No.H8. Use a ratchet wrench.



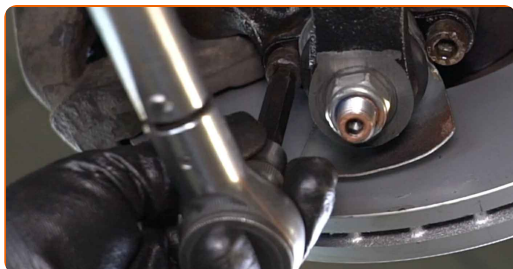
**18** Attach the ball joint to the control arm.



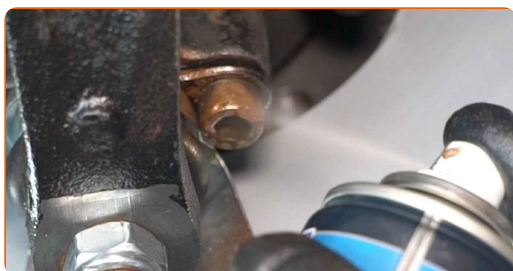
**19** Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #22. Use a torque wrench. Tighten it to 30 Nm torque. +90°



**20** Tighten the fasteners that connect the ball joint to the steering knuckle. Use HEX No.H8. Use a torque wrench. Tighten it to 55 Nm torque.



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





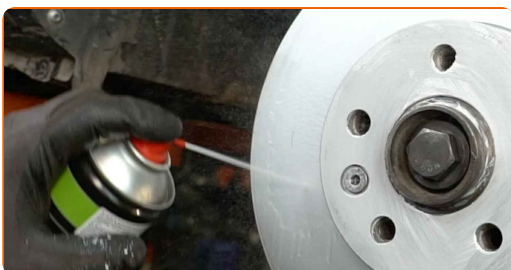
**22** Clean the wheel rim mounting seat. Use a wire brush.



**23** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



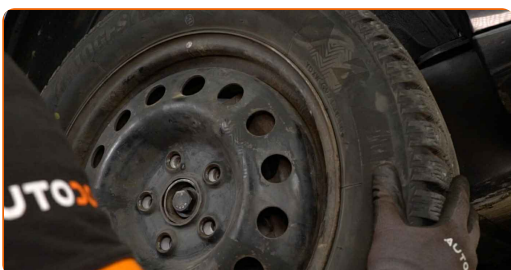
**24** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: ball joint – VW Sharan VAN (7M). After applying the spray, wait a few minutes.

**25** Install the wheel.

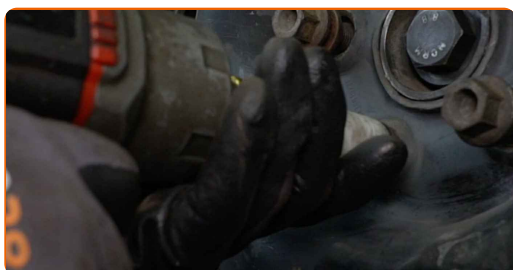


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. VW Sharan VAN (7M)

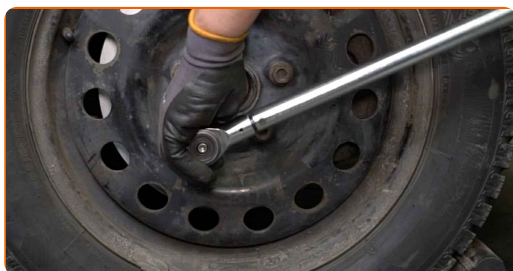
**26**

Screw in the wheel bolts. Use wheel impact socket #19.



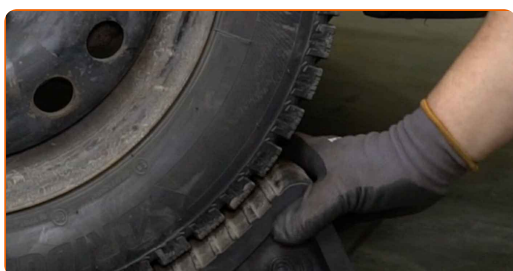
**27**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 170 Nm torque.



**28**

Remove the jacks and chocks.



**WELL DONE!** 

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