



How to change  
serpentine belt on **VW**  
**Polo V Hatchback (6R1,**  
**6C1)** – 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 V Hatchback (6R1, 6C1) 1.6 TDI, VW Polo V Hatchback (6R1, 6C1) 1.2 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: VW Passat B7 Saloon (362) 2.0 TDI

REPLACEMENT: SERPENTINE BELT – VW POLO V HATCHBACK (6R1, 6C1). LIST OF THE TOOLS YOU'LL NEED:



- Torque wrench
- Combination spanner #16
- Wheel impact socket #17
- Fender cover
- Wheel chock

[Buy tools](#)

Replacement: serpentine belt – VW Polo V Hatchback (6R1, 6C1). AUTODOC experts recommend:

- All work should be done with the engine stopped.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 1 Open the bonnet.
- 2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 3 Secure the wheels with chocks.
- 4 Loosen the wheel mounting bolts. Use wheel impact socket #17.
- 5 Lift the car using a jack or place it over an inspection pit.
- 6 Unscrew the wheel bolts.

### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo V Hatchback (6R1, 6C1)

- 7 Remove the wheel.
- 8 Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #16.



9

Remove the V-ribbed belt.



10

Return the tensioner pulley to its initial position. Use a combination spanner #16.

Replacement: serpentine belt – VW Polo V Hatchback (6R1, 6C1).  
Professionals recommend:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

11

Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #16.

12

Install the V-ribbed belt.



Replacement: serpentine belt – VW Polo V Hatchback (6R1, 6C1). Tip:

- Make sure that the V-ribbed belt fits all pulleys snugly.

**13** Return the tensioner pulley to its initial position. Use a combination spanner #16.



**14** Install the wheel.

**AUTODOC recommends:**

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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

**16** 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.

**17** Remove the jacks and chocks.

**18** Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

**19** Shut off the engine.

**20** Remove the fender protection cover.

**21** Close the hood.

**WELL DONE!** 

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