



How to change  
serpentine belt on  
**CITROËN JUMPER Bus**  
**(230P)** – 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:

CITROËN JUMPER Bus (230P) 1.9 TD, CITROËN JUMPER Bus (230P) 1.9 TD 4x4,  
CITROËN JUMPER Bus (230P) 1.9 D

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: CITROËN Berlingo / Berlingo First Van (M\_) 1.9 D

REPLACEMENT: SERPENTINE BELT – CITROËN JUMPER BUS (230P). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Torque wrench
- Drive socket # 27
- HEX bit no.H8
- 1/4" square drive extension bar
- Wheel impact socket #19
- Ratchet wrench
- Clip removal tool
- Phillips screwdriver
- Fender cover
- Wheel chock

**Buy tools**

Replacement: serpentine belt – CITROËN JUMPER Bus (230P). Tools you might need:

- All work should be done with the engine stopped.

## REPLACEMENT: SERPENTINE BELT – CITROËN JUMPER BUS (230P). USE THE FOLLOWING PROCEDURE:

**1** Open the hood.

**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 #19.



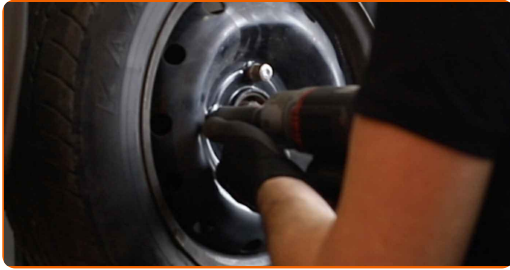
**5** Raise the car.

Replacement: serpentine belt – CITROËN JUMPER Bus (230P). AUTODOC recommends:

- 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.

6

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
CITROËN JUMPER Bus (230P)

7

Remove the wheel.



8

Unscrew and remove the wheel arch cover fasteners. Use a clip removal tool. Use a Phillips screwdriver.



9

Remove the wheel arch cover.



**10** Release the coolant pipe fasteners.



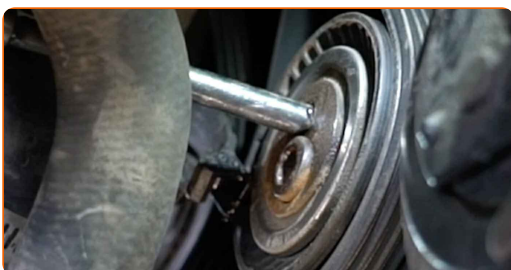
**11** Clean the tensioner pulley fastener. Use a wire brush.



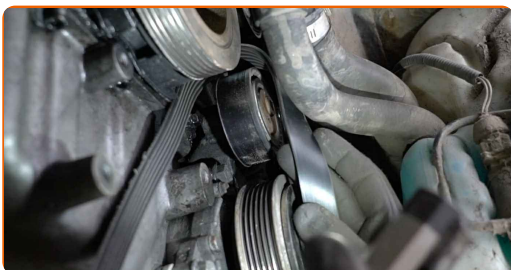
**12** Loosen the tensioner pulley fastener. Use HEX No.H8. Use a ratchet wrench.



**13** Pull aside the V-ribbed belt tensioner pulley. Use a 1/4" square drive extension bar. Use a ratchet wrench.



**14** Remove the V-ribbed belt.



Replacement: serpentine belt – CITROËN JUMPER Bus (230P). Tip from AUTODOC experts:

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

15

Install the V-ribbed belt.

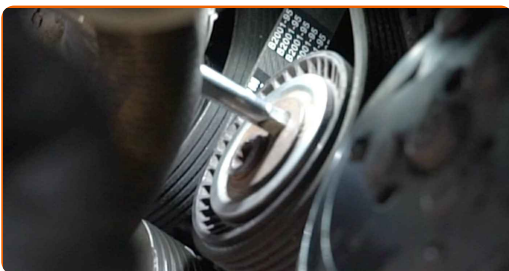


Replacement: serpentine belt – CITROËN JUMPER Bus (230P). Professionals recommend:

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

16

Tension the belt by turning the tensioner pulley clockwise. Use a 1/4" square drive extension bar. Use a ratchet wrench.



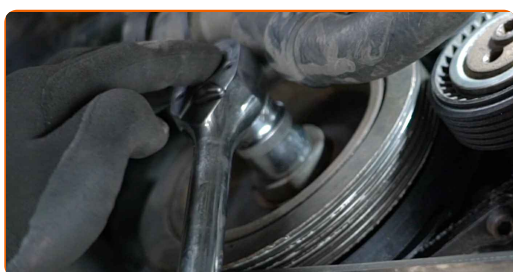
Replacement: serpentine belt – CITROËN JUMPER Bus (230P). Tip:

- Keep the belt taut until you've tightened the tensioner pulley fastener.

- 17** Tighten the fastener of the serpentine belt tensioner pulley. Use HEX No.H8. Use a torque wrench. Tighten it to 35 Nm torque.



- 18** Turn the crankshaft pulley. This is necessary in order to make sure that the component operates properly. Use a drive socket #27. Use a ratchet wrench.

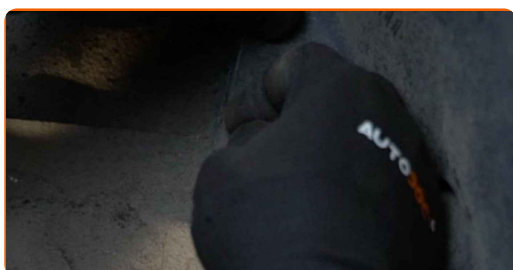


- 19** Reconnect the coolant pipe fasteners.

- 20** Install the wheel arch cover to its mounting seat.



- 21** Install and tighten the wheel arch cover fasteners. Use a clip removal tool. Use a Phillips screwdriver.





**22** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN JUMPER Bus (230P)

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



**24** 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 90 Nm torque.



25

Remove the jacks and chocks.



26

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

27

Shut off the engine.

28

Remove the fender protection cover.

29

Close the hood.

**WELL DONE!** 

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