



How to change  
serpentine belt on  
**PEUGEOT 405 I Saloon**  
**(15B)** – 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:

PEUGEOT 405 I Saloon (15B) 1.8 Turbo diesel, PEUGEOT 405 I Saloon (15B) 1.9 Diesel

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 – PEUGEOT 405 I SALOON (15B). 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 – PEUGEOT 405 I Saloon (15B). Tools you might need:

- All work should be done with the engine stopped.

## REPLACEMENT: SERPENTINE BELT – PEUGEOT 405 I SALOON (15B). 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 – PEUGEOT 405 I Saloon (15B). 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.  
PEUGEOT 405 I Saloon (15B)

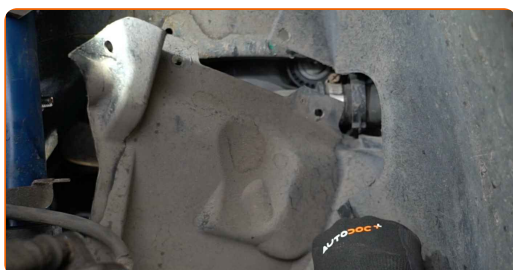
**7** Remove the wheel.



**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 – PEUGEOT 405 I Saloon (15B). 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 – PEUGEOT 405 I Saloon (15B). 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 – PEUGEOT 405 I Saloon (15B). 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.

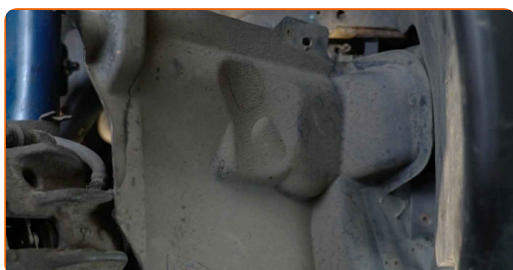


- 18 Turn the crankshaft pulley. This is necessary in order to make sure that the component operates properly. Use a drive socket #27. Use a ratchet wrench.

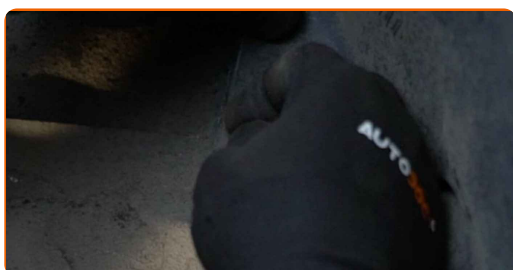


- 19 Reconnect the coolant pipe fasteners.

- 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. PEUGEOT 405 I Saloon (15B)

**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!** 

[VIEW MORE TUTORIALS](#)

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
**Google Play**

 Download on the  
**App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**SERPENTINE BELT: A WIDE SELECTION**

## **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.