



How to change
serpentine belt on
MERCEDES-BENZ
Sprinter 2-T Minibus
(W901, W902) –
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:

MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902) 208 CDI 2.2, MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902) 211 CDI 2.2, MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902) 213 CDI 2.2, MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902) 216 CDI 2.7

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: MERCEDES-BENZ ML-Class (W163) ML 270 CDI (163.113)

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ
SPRINTER 2-T MINIBUS (W901, W902). TOOLS YOU
MIGHT NEED:



- 12-point socket # 17
- Ratchet wrench
- Fender cover
- Wheel chock

Buy tools

Replacement: serpentine belt – MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902). AUTODOC recommends:

- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ SPRINTER 2-T MINIBUS (W901, W902). USE THE FOLLOWING PROCEDURE:

- 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 Lift the car using a jack or place it over an inspection pit.
- 5 Pull aside the V-ribbed belt tensioner pulley. Use 12-point socket No.17. Use a ratchet wrench.



- 6 Remove the V-ribbed belt.



Replacement: serpentine belt – MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902). AUTODOC experts recommend:

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

7

Return the tensioner pulley to its initial position. Use 12-point socket No.17. Use a ratchet wrench.

8

Pull aside the V-ribbed belt tensioner pulley. Use 12-point socket No.17. Use a ratchet wrench.

9

Install the V-ribbed belt.



Replacement: serpentine belt – MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902). Tip from AUTODOC:

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

10

Return the tensioner pulley to its initial position. Use 12-point socket No.17. Use a ratchet wrench.



11

Lower the car.

12

Remove the jacks and chocks.

13

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



14

Shut off the engine.

15

Remove the fender protection cover.

16

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

(i) 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 2021 – 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.