



How to change  
serpentine belt on  
**MERCEDES-BENZ E-  
Class T-modell (S211)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

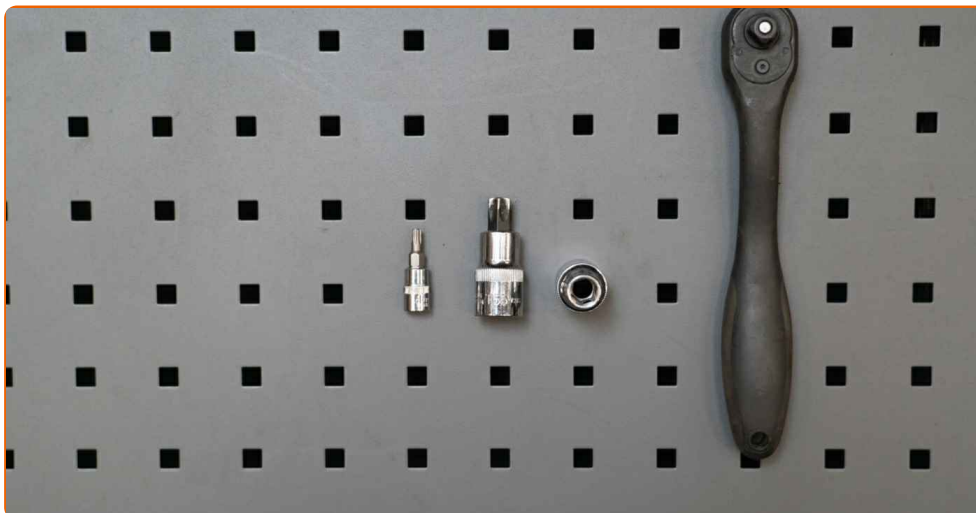
This replacement procedure can be used for:

MERCEDES-BENZ E-Class T-modell (S211) E 270 T CDI (211.216)

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 E-Class Saloon (W211) E 270 CDI (211.016)

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ  
E-CLASS T-MODELL (S211). TOOLS YOU'LL NEED:



- Torx bit T25
- Torx bit T55
- Drive socket # 10
- Ratchet wrench
- Fender cover

**Buy tools**

**AUTODOC recommends:**

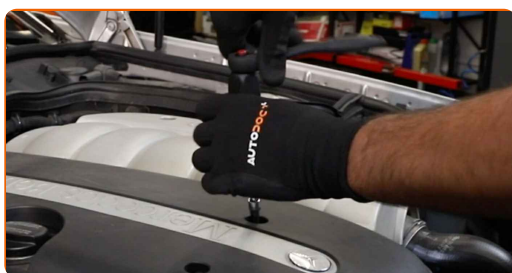
- Warning! Shut down the engine before starting any work – MERCEDES-BENZ E-Class T-modell (S211)

**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** Unscrew the engine cover fastener. Use Torx T25. Use a ratchet wrench.



**4** Unscrew the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



**5** Remove the back section of the engine cover.



Replacement: serpentine belt – MERCEDES-BENZ E-Class T-modell (S211).  
Professionals recommend:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

6

Remove the engine cover.

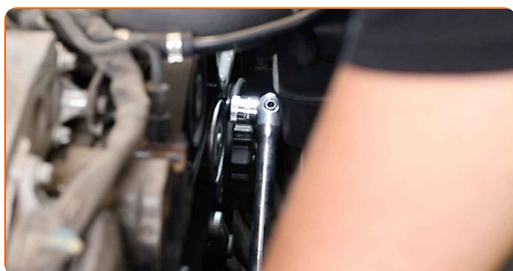


AUTODOC recommends:

- Raise the engine cover, holding it on two sides simultaneously.
- Replacement: serpentine belt – MERCEDES-BENZ E-Class T-modell (S211). Do not use excessive force when removing the part as this may damage it.

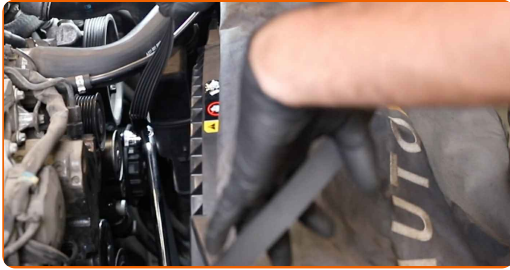
7

Pull aside the V-ribbed belt tensioner pulley. Use Torx T55. Use a ratchet wrench.



8

Remove the V-ribbed belt.



**AUTODOC recommends:**

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

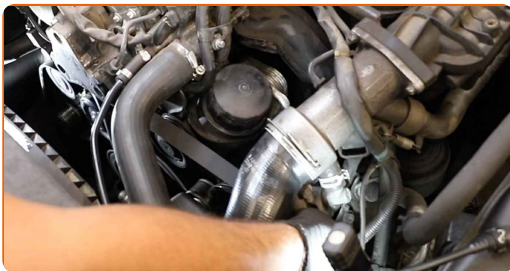
9

Return the tensioner pulley to its initial position.



10

Install the V-ribbed belt.

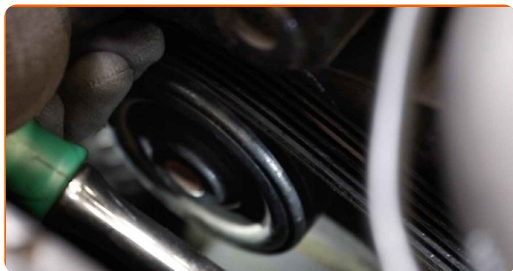


11

Pull aside the V-ribbed belt tensioner pulley. Use Torx T55. Use a ratchet wrench.



**12** Place the V-ribbed belt on the tensioner pulley.



Replacement: serpentine belt – MERCEDES-BENZ E-Class T-modell (S211). Tip from AUTODOC:

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

**13** Return the tensioner pulley to its initial position. Use Torx T55. Use a ratchet wrench.



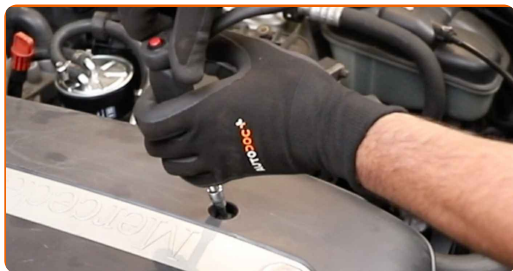
**14** Install the engine cover and secure it.



AUTODOC recommends:

- Replacement: serpentine belt – MERCEDES-BENZ E-Class T-modell (S211). Do not use excessive force during installation. This may damage the part.

**15** Screw in the engine cover fasteners. Use Torx T25. Use a ratchet wrench.



**16** Put the back section of the engine cover back in place.



Replacement: serpentine belt – MERCEDES-BENZ E-Class T-modell (S211).  
AUTODOC experts recommend:

- When installing, do not use excessive force to avoid damage to the part.

**17** Screw in the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



**18** Remove the fender protection cover.



19

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 2023 – 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 SE.