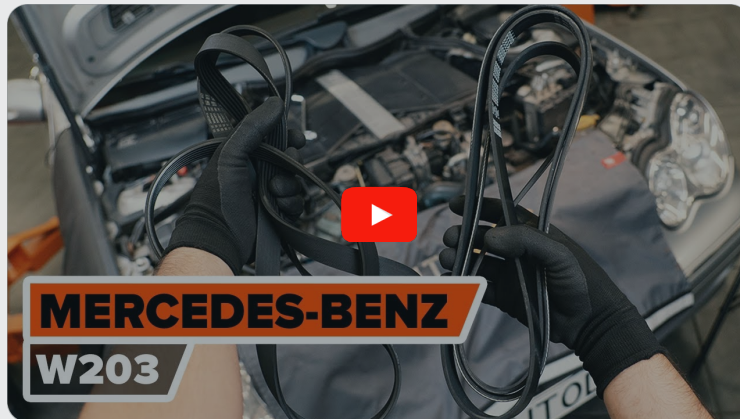




How to change  
serpentine belt on  
**MERCEDES-BENZ S-**  
**Class Saloon (W220)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

### Important!

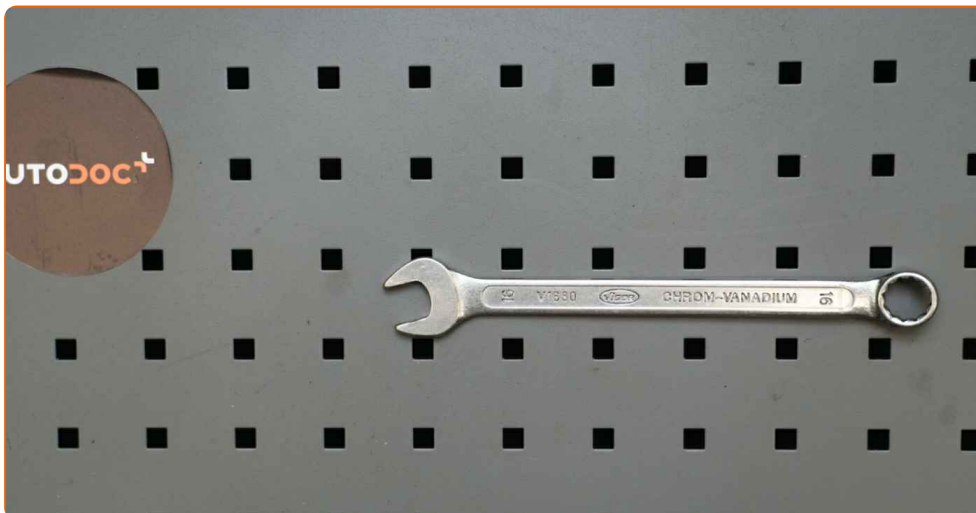
This replacement procedure can be used for:

MERCEDES-BENZ S-Class Saloon (W220) S 320 (220.065, 220.165), MERCEDES-BENZ S-Class Saloon (W220) S 430 (220.070, 220.170), MERCEDES-BENZ S-Class Saloon (W220) S 500 (220.075, 220.175, 220.875), MERCEDES-BENZ S-Class Saloon (W220) S 280 (220.063, 220.163), MERCEDES-BENZ S-Class Saloon (W220) S 55 AMG (220.073, 220.173), MERCEDES-BENZ S-Class Saloon (W220) S 500 4-matic (220.084, 220.184), MERCEDES-BENZ S-Class Saloon (W220) S 500 5.0 (220.075, 220.175, 220.875)

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 C-Class Saloon (W203) C 240 (203.061)

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ  
S-CLASS SALOON (W220). TOOLS YOU MIGHT NEED:



- Combination spanner #16

- Fender cover

**Buy tools**

Replacement: serpentine belt – MERCEDES-BENZ S-Class Saloon (W220).  
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.

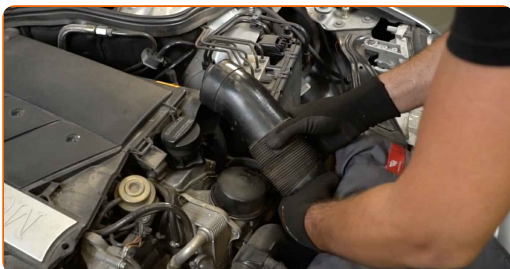
**3** Remove the engine cover.



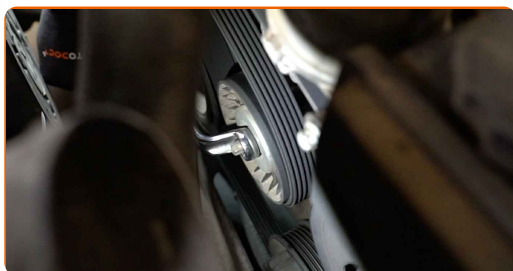
### AUTODOC recommends:

- Replacement: serpentine belt – MERCEDES-BENZ S-Class Saloon (W220). Do not use excessive force when removing the part as this may damage it.

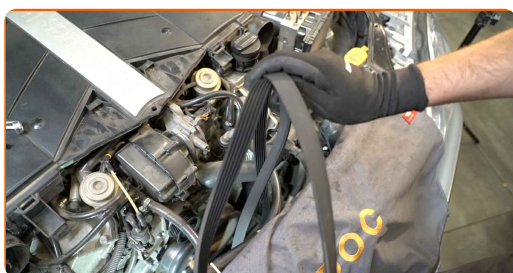
**4** Remove the air intake hoses.



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



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



Replacement: serpentine belt – MERCEDES-BENZ S-Class Saloon (W220).  
AUTODOC recommends:

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

**7** Return the tensioner pulley to its initial position.

**8** Install the V-ribbed belt.



Replacement: serpentine belt – MERCEDES-BENZ S-Class Saloon (W220). Tip from AUTODOC:

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

9

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



10

Place the V-ribbed belt on the tensioner pulley.



11

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

12

Reinstall the air intake hoses.



13

Install the engine cover and secure it.



### AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners and the throttle body air intake hose.
- Replacement: serpentine belt – MERCEDES-BENZ S-Class Saloon (W220). Do not use excessive force during installation. This may damage the part.

14

Remove the fender protection cover.

15

Close the hood.

**WELL DONE!** 

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**SERPENTINE BELT: A WIDE SELECTION**

## **DISCLAIMER:**

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