



How to change
serpentine belt on
MERCEDES-BENZ V-
Class (W638/2) –
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 V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294)

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 (W124) E 250 D (124.126, 124.129)

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ
V-CLASS (W638/2). LIST OF THE TOOLS YOU'LL NEED:



- Combination spanner #16
- 3/8" square drive extension bar
- Fender cover

Buy tools

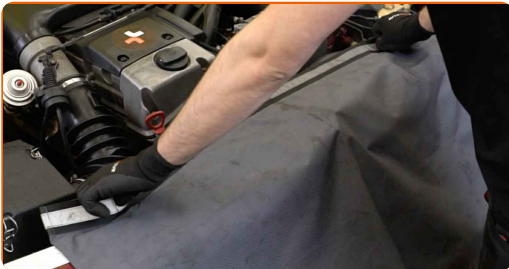
Replacement: serpentine belt – MERCEDES-BENZ V-Class (W638/2).
AUTODOC recommends:

- All work should be done with the engine stopped.

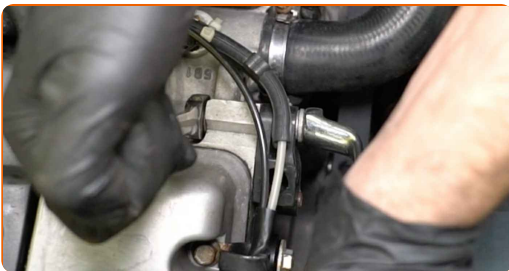
REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ V-CLASS (W638/2). TAKE THE FOLLOWING STEPS:

1 Open the bonnet.

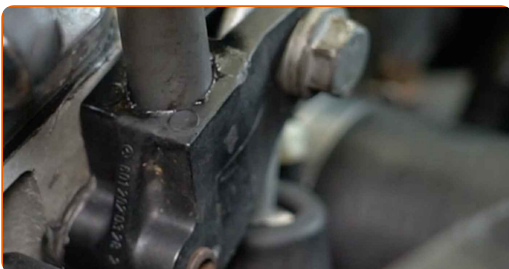
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Unscrew the fastening bolt of the belt tensioner. Use a combination spanner #16 (2 pieces).



4 Use a lever of the correct diameter to loosen the tensioner and remove the fastening bolt. Use a 3/8" square drive extension bar.



5

Remove the V-ribbed belt.

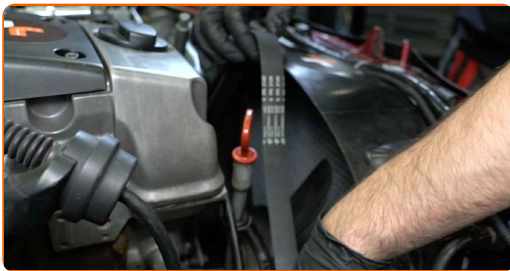


AUTODOC recommends:

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

6

Install the V-ribbed belt.

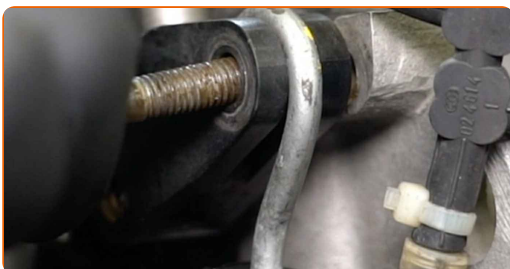


Replacement: serpentine belt – MERCEDES-BENZ V-Class (W638/2).
Professionals recommend:

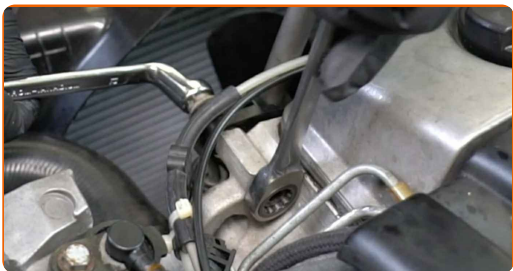
- Make sure that the V-ribbed belt fits all pulleys snugly.

7

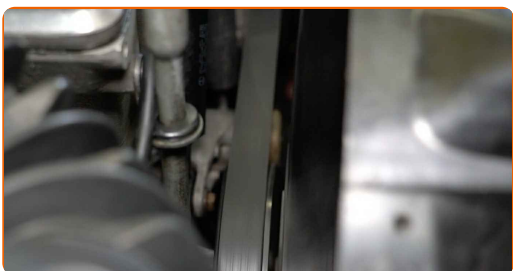
Return the tensioner to its original position and install the fastening bolt. Use a 3/8" square drive extension bar.



8 Screw in the fastening bolt of the belt tensioner. Use a combination spanner #16 (2 pieces).

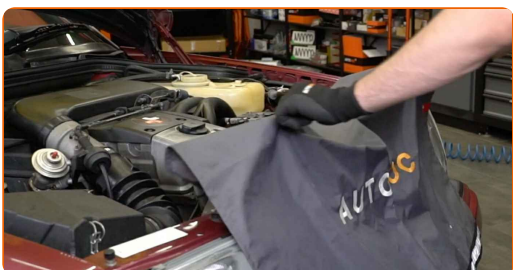


9 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



10 Shut off the engine.

11 Remove the fender protection cover.



12 Close the hood.

WELL DONE! 

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SERPENTINE BELT: A WIDE SELECTION

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