



How to change
serpentine belt on
Mercedes W124 –
replacement guide

VIDEO TUTORIAL



ⓘ Important!

This replacement procedure can be used for:

MERCEDES-BENZ Saloon (W124) 300 D 3.0 (124.130), MERCEDES-BENZ Saloon (W124) 300 D 3.0 4-matic (124.330), MERCEDES-BENZ E-Class Saloon (W124) E 300 D (124.131), MERCEDES-BENZ Saloon (W124) 300 Turbo diesel 3.0 4-matic (124.333), MERCEDES-BENZ Saloon (W124) 300 3.0 Turbo diesel (124.133), MERCEDES-BENZ W124 Estate (S124) 300 D 3.0 (124.190), MERCEDES-BENZ E-Class T-modell (S124) E 300 TD (124.191), MERCEDES-BENZ W124 Estate (S124) 300 Turbo diesel 3.0 4-matic (124.393), MERCEDES-BENZ E-Class T-modell (S124) E 250 TD (124.186), MERCEDES-BENZ G-Class Off-Road (W463) 350 Turbo 3.5 GD (463.320, 463.321), MERCEDES-BENZ T1 Van (601, 611) 208 D 2.3, MERCEDES-BENZ T1 Platform/Chassis (602) 308 D 2.3, MERCEDES-BENZ T1 Platform/Chassis (601) 208 D 2.3, MERCEDES-BENZ T1 Van (601, 611) 210 D 2.8, MERCEDES-BENZ T1 Platform/Chassis (601) 210 D 2.9, (+ 73)

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – MERCEDES W124. LIST OF THE TOOLS YOU'LL NEED:



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

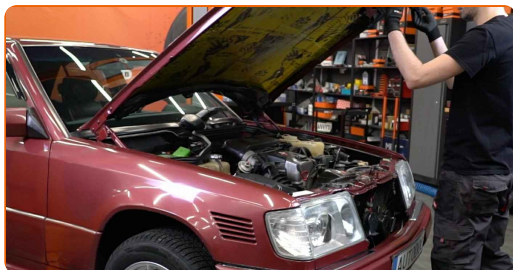
BUY TOOLS

Replacement: serpentine belt – Mercedes W124. AUTODOC recommends:

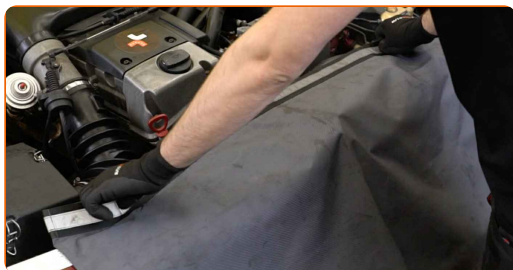
- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – MERCEDES W124. TAKE THE FOLLOWING STEPS:

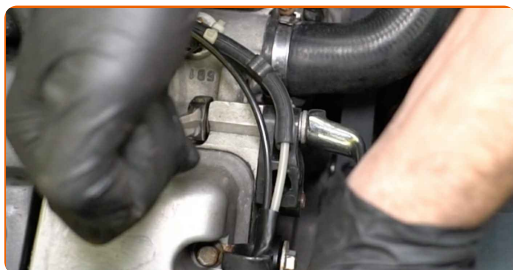
1 Open the bonnet.



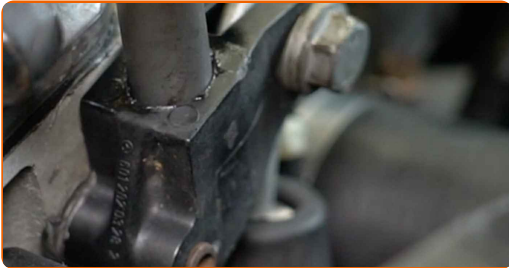
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



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.



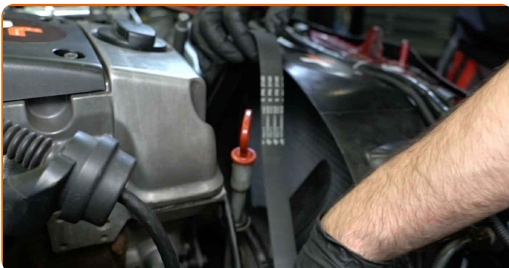
- 5** Remove the V-ribbed belt.



AUTODOC recommends:

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

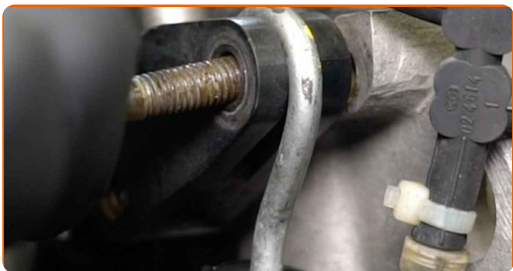
- 6** Install the V-ribbed belt.



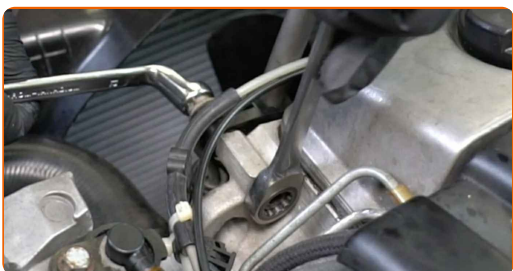
Replacement: serpentine belt – Mercedes W124. Professionals recommend:

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

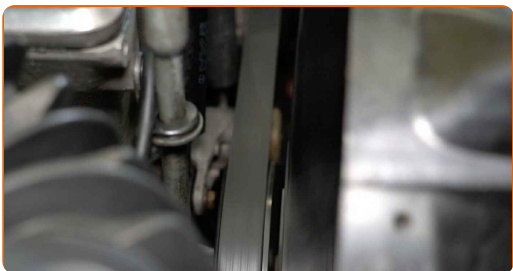
7 Return the tensioner to its original position and install the fastening bolt. Use a 3/8" square drive extension bar.



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

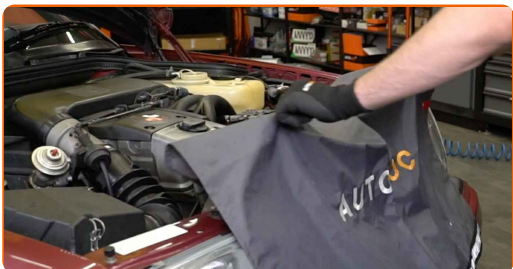


9 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



10 Shut off the engine.

11 Remove the fender protection cover.



12

Close the hood.



WELL DONE! 

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