



How to change
serpentine belt on
Mercedes W211 –
replacement guide

VIDEO TUTORIAL



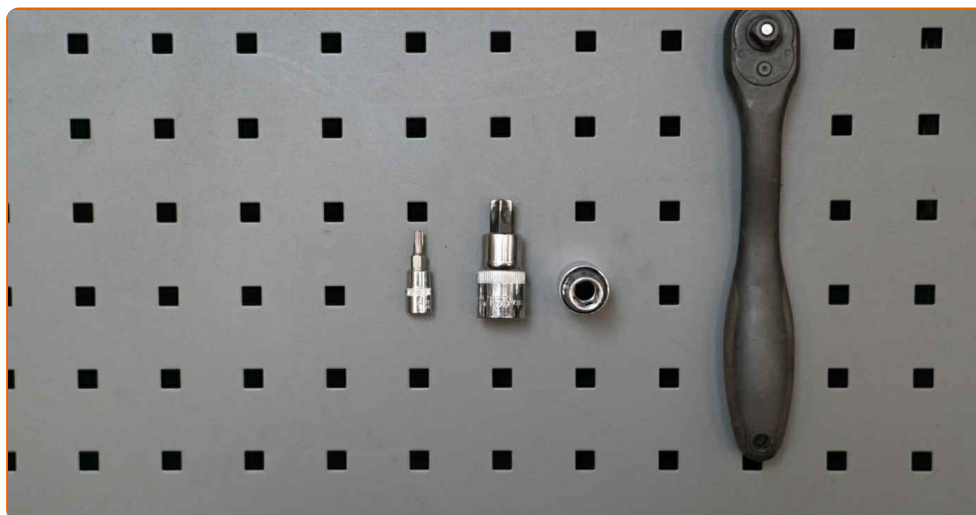
Important!

This replacement procedure can be used for:

MERCEDES-BENZ C-Class Saloon (W202) C 220 CDI (202.133), MERCEDES-BENZ C-Class T-modell (S202) C 220 T CDI (202.193), MERCEDES-BENZ C-Class Saloon (W202) C 200 CDI (202.134), MERCEDES-BENZ C-Class T-modell (S202) C 200 T CDI (202.194), MERCEDES-BENZ G-Class Off-Road (W463) G 270 CDI (463.322, 463.323), MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016), MERCEDES-BENZ E-Class Saloon (W211) E 200 CDI (211.004), MERCEDES-BENZ E-Class T-modell (S211) E 270 T CDI (211.216)

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – MERCEDES
W211. 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 W211

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet.



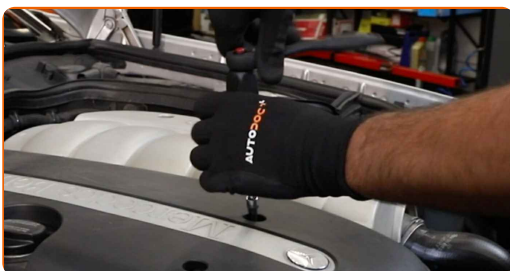
2

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 W211. Professionals recommend:

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

6 Remove the engine cover.

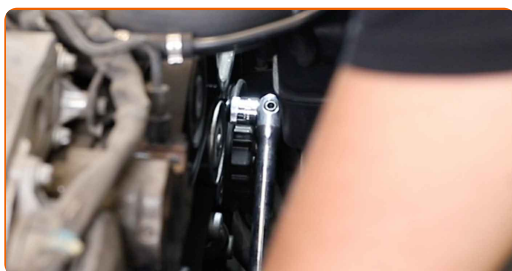


AUTODOC recommends:

- Raise the engine cover, holding it on two sides simultaneously.
- Replacement: serpentine belt – Mercedes W211. Do not use excessive force when removing the part as this may damage it.

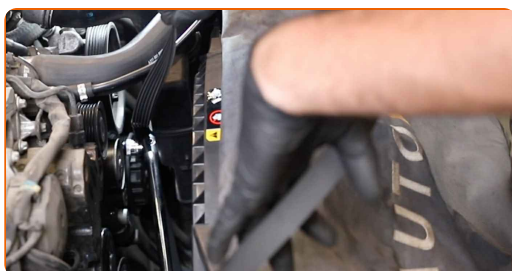
7

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.



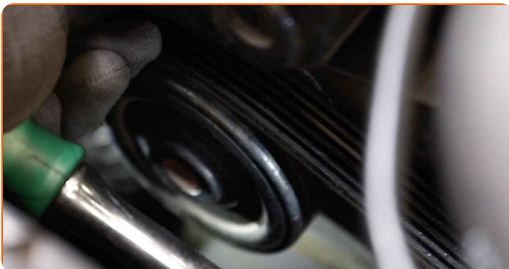
10 Install the V-ribbed belt.



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.

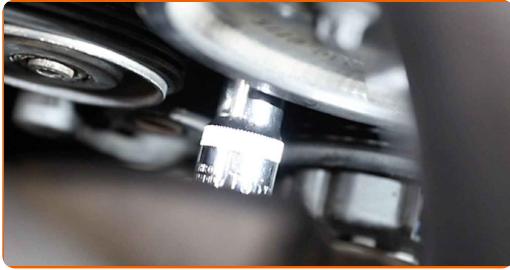


Replacement: serpentine belt – Mercedes W211. Tip from AUTODOC:

- 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.

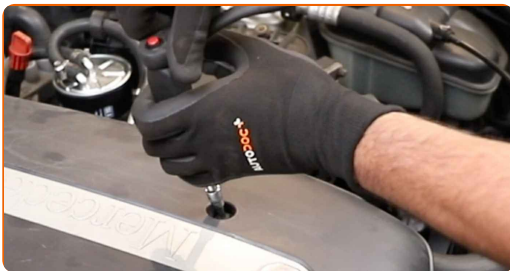


AUTODOC recommends:

- Replacement: serpentine belt – Mercedes W211. 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.



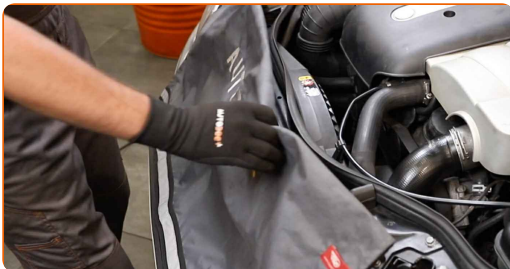
Replacement: serpentine belt – Mercedes W211. AUTODOC experts recommend:

- 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! 

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