

## VIDEO TUTORIAL



### ⓘ Important!

This replacement procedure can be used for:

BMW 3 Saloon (E46) 320d 2.0, BMW 3 Touring (E46) 320d 2.0, BMW 5 Saloon (E39) 520d 2.0, BMW 5 Touring (E39) 520d 2.0, BMW 3 Saloon (E46) 318d 2.0, BMW 3 Touring (E46) 318d 2.0

The steps may slightly vary depending on the car design.

## REPLACEMENT: SERPENTINE BELT – BMW E46 TOURING. TOOLS YOU MIGHT NEED:



- Combination spanner #17
- Drive socket # 12
- Ratchet wrench
- Crow bar
- Fender cover

**BUY TOOLS**

Replacement: serpentine belt – BMW E46 Touring. AUTODOC experts recommend:

- All work should be done with the engine stopped.

## REPLACEMENT: SERPENTINE BELT – BMW E46 TOURING. USE THE FOLLOWING PROCEDURE:

1

Open the bonnet.



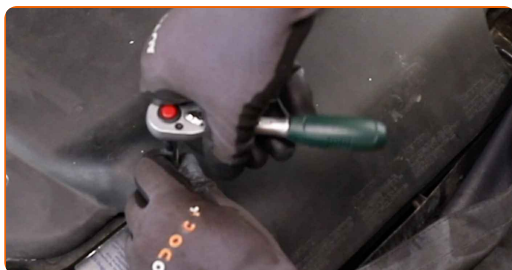
2

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



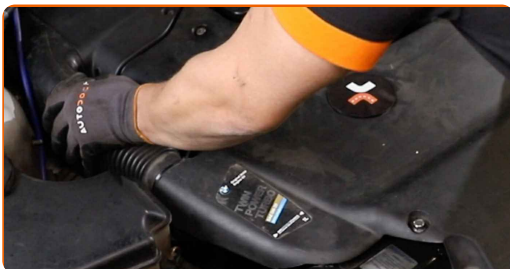
3

Unscrew the fasteners of the air distribution housing assembly. Use a drive socket #12. Use a ratchet wrench.



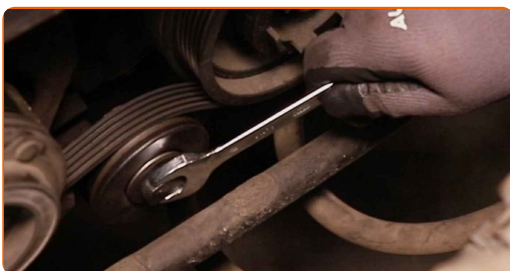
4

Remove the air distribution housing assembly.



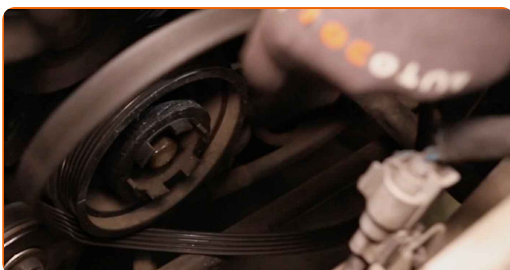
5

Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #17. Use a crowbar.



6

Remove the V-ribbed belt.



7

Return the tensioner pulley to its initial position. Use a combination spanner #17. Use a crowbar.



Replacement: serpentine belt – BMW E46 Touring. Tip from AUTODOC:

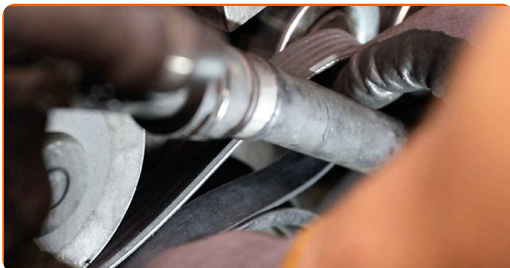
- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

8

Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #17. Use a crowbar.

9

Install the V-ribbed belt.

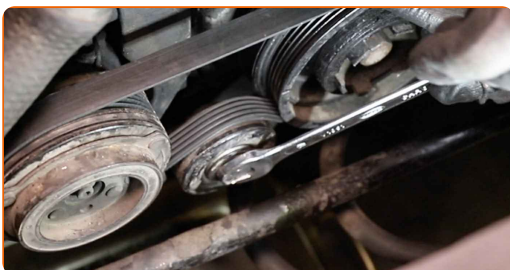


Replacement: serpentine belt – BMW E46 Touring. AUTODOC experts recommend:

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

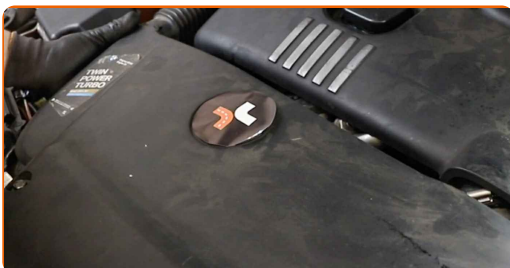
10

Return the tensioner pulley to its initial position. Use a combination spanner #17. Use a crowbar.



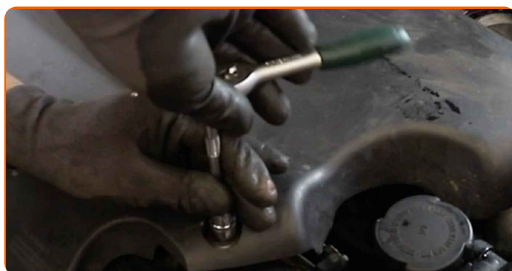
11

Reinstall the air distribution housing assembly.



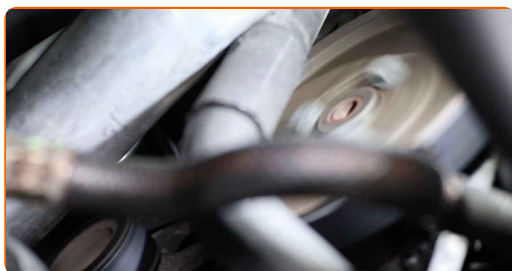
12

Screw in the fasteners of the air distribution housing assembly. Use a drive socket #12. Use a ratchet wrench.



13

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

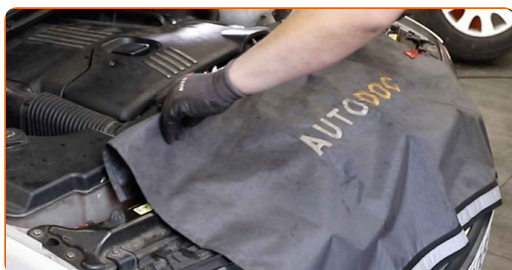


14

Shut off the engine.

15

Remove the fender protection cover.



16

Close the hood.



**WELL DONE!** 👍

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**SERPENTINE BELT: A WIDE SELECTION**