

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

BMW 5 Saloon (E39) 520i 2.0, BMW 5 Saloon (E39) 523i 2.5, BMW 5 Saloon (E39) 528i 2.8, BMW 7 (E38) 728i / iL 2.8, BMW 5 Touring (E39) 520i 2.0, BMW 5 Touring (E39) 523i 2.5, BMW 3 Saloon (E46) 328i 2.8, BMW 5 Touring (E39) 528i 2.8, BMW 3 Saloon (E46) 323i 2.5, BMW 3 Saloon (E46) 320i 2.0, BMW 3 Coupe (E46) 323Ci 2.5, BMW 3 Coupe (E46) 328Ci 2.8, BMW 3 Touring (E46) 320i 2.0, BMW 3 Coupe (E46) 320Ci 2.0, BMW 3 Touring (E46) 328i 2.8, (+ 33)

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – BMW E39. TOOLS YOU'LL NEED:



- Combination spanner #13
- Combination spanner #32
- Drive socket # 16
- Ratchet wrench
- Torque wrench
- Fender cover

BUY TOOLS

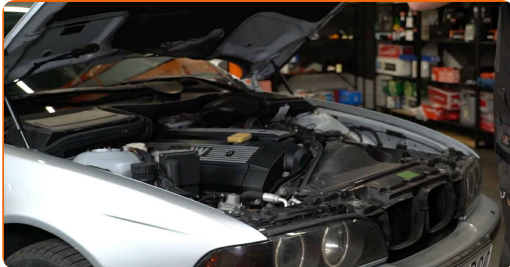
Replacement: serpentine belt – BMW E39. AUTODOC recommends:

- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – BMW E39. USE THE FOLLOWING PROCEDURE:

1

Open the bonnet.



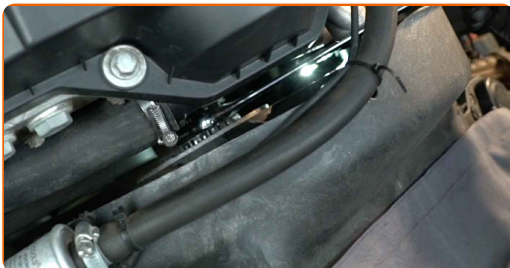
2

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



3

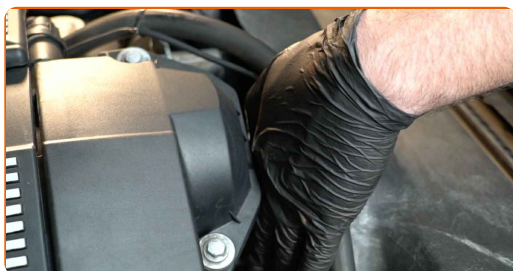
Unscrew the fastener of the viscous fan clutch. Use a combination spanner #32.



4 Remove the fan shroud seal.



5 Unscrew and remove the viscous fan clutch.



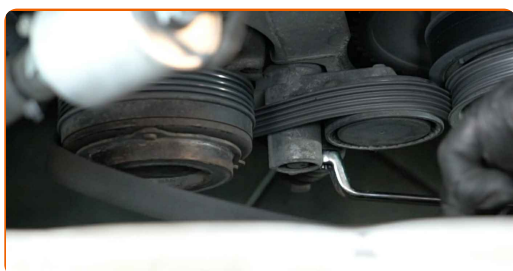
6 Remove the fan shroud.



7 Pull aside the AC compressor belt tensioner pulley. Use a combination spanner #13.



8 Remove the AC compressor belt.



9

Remove the tensioner pulley cap.



10

Pull aside the V-ribbed belt tensioner pulley. Use a drive socket #16. Use a ratchet wrench.



11

Remove the V-ribbed belt.



12

Return the tensioner pulley to its initial position. Use a drive socket #16. Use a ratchet wrench.



Replacement: serpentine belt – BMW E39. Professionals recommend:

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

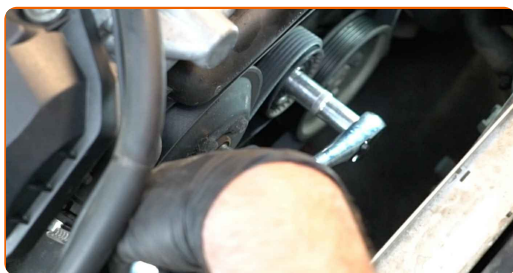
13

Pull aside the V-ribbed belt tensioner pulley. Use a drive socket #16. Use a ratchet wrench.



14

Install the V-ribbed belt.

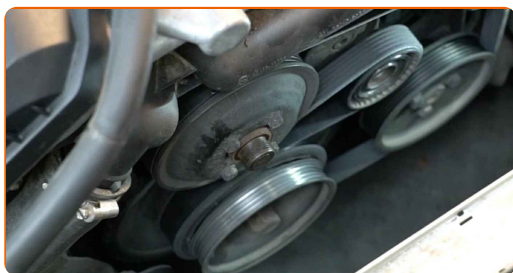


Replacement: serpentine belt – BMW E39. Tip from AUTODOC:

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

15

Return the tensioner pulley to its initial position. Use a drive socket #16. Use a ratchet wrench.

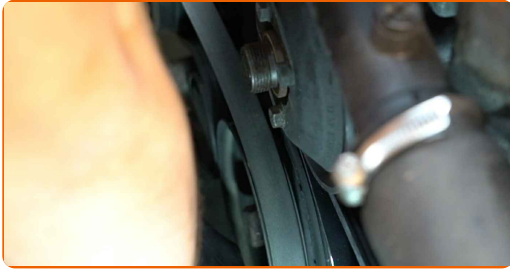


16

Reinstall the tensioner pulley cap.



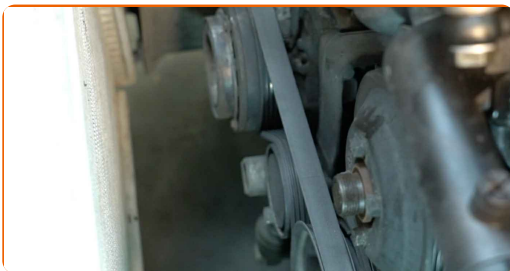
17 Install the AC compressor belt.



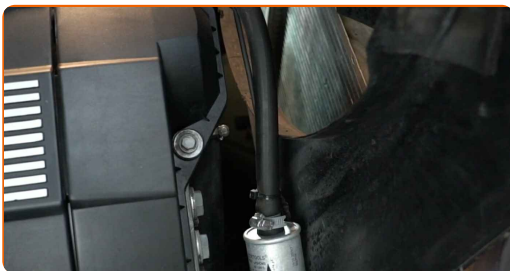
Replacement: serpentine belt – BMW E39. Tip:

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

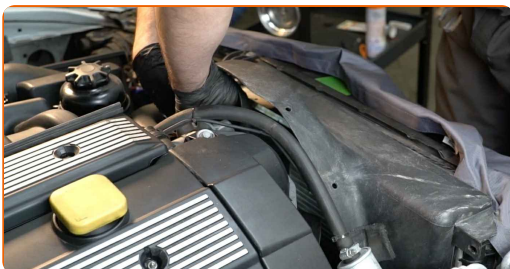
18 Return the tensioner pulley to its initial position. Use a combination spanner #13.



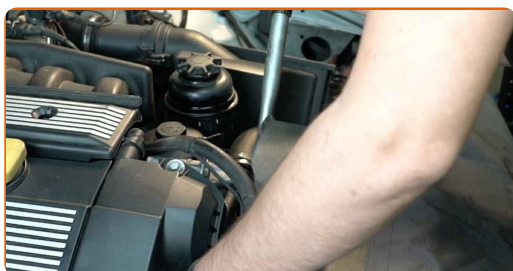
19 Install the fan shroud.



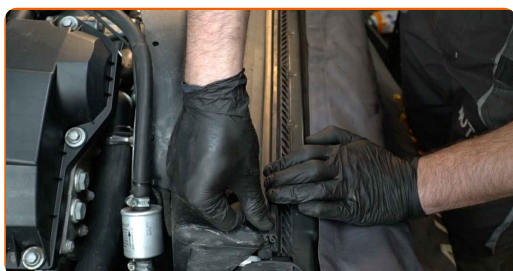
20 Install and screw in the viscous fan clutch.



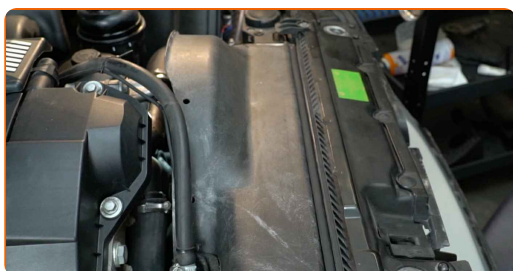
- 21 Tighten the fastener of the viscous fan clutch. Use a combination spanner #32. Use a torque wrench. Tighten it to 40 nm torque.



- 22 Reinstall the fan shroud seal.



- 23 Remove the fender protection cover.



- 24 Close the hood.



WELL DONE! 

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SERPENTINE BELT: A WIDE SELECTION