



How to change
serpentine belt on **VW**
Passat NMS (A32, A33) –
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:
VW Passat NMS (A32, A33) 2.0 TDI

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: VW Passat B7 Saloon (362) 2.0 TDI

REPLACEMENT: SERPENTINE BELT – VW PASSAT NMS
(A32, A33). LIST OF THE TOOLS YOU'LL NEED:



- Torque wrench
- Combination spanner #16
- Wheel impact socket #17
- Fender cover
- Wheel chock

[Buy tools](#)

Replacement: serpentine belt – VW Passat NMS (A32, A33). AUTODOC experts recommend:

- All work should be done with the engine stopped.

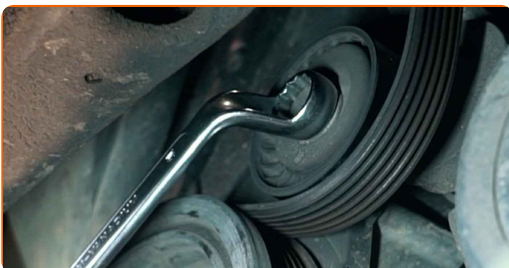
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 1 Open the bonnet.
- 2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 3 Secure the wheels with chocks.
- 4 Loosen the wheel mounting bolts. Use wheel impact socket #17.
- 5 Lift the car using a jack or place it over an inspection pit.
- 6 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Passat NMS (A32, A33)

- 7 Remove the wheel.
- 8 Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #16.



9 Remove the V-ribbed belt.



10 Return the tensioner pulley to its initial position. Use a combination spanner #16.

Replacement: serpentine belt – VW Passat NMS (A32, A33). Professionals recommend:

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

11 Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #16.

12 Install the V-ribbed belt.



Replacement: serpentine belt – VW Passat NMS (A32, A33). Tip:

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

13 Return the tensioner pulley to its initial position. Use a combination spanner #16.



14 Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

15 Screw in the wheel bolts. Use wheel impact socket #17.

16 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

17 Remove the jacks and chocks.

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

19 Shut off the engine.

20 Remove the fender protection cover.

21 Close the hood.

WELL DONE! 

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SERPENTINE BELT: A WIDE SELECTION

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