



How to change rear
brake pads 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: BRAKE PADS – VW PASSAT NMS (A32, A33). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Torx bit T27
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

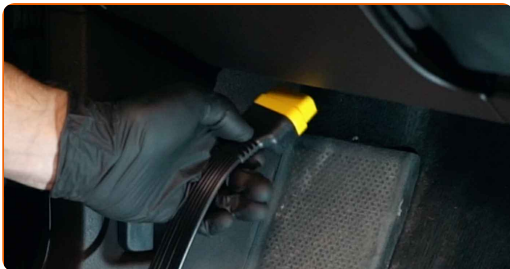
[Buy tools](#)

Replacement: brake pads – VW Passat NMS (A32, A33). Tip from AUTODOC experts:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – VW Passat NMS (A32, A33) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 1 Connect the scan and service tool.



- 2 Put the parking brake system into service mode.

- 3 Open the hood.

- 4 Clean the brake fluid reservoir cap. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – VW Passat NMS (A32, A33). After applying the spray, wait a few minutes.

5

Unscrew the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



6

Unscrew the brake fluid reservoir cap.



7

Secure the wheels with chocks.

8

Loosen the wheel mounting bolts. Use wheel impact socket #17.



9

Raise the rear of the car and secure on supports.

10

Unscrew the wheel bolts.



AUTODOC recommends:

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

11

Remove the wheel.



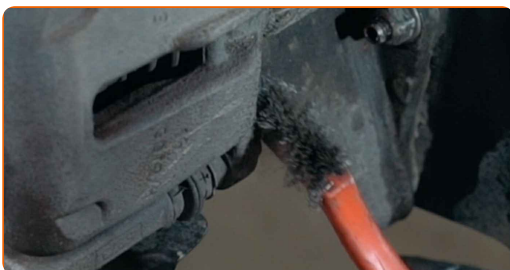
12

Spread the brake pads. Use a crowbar.



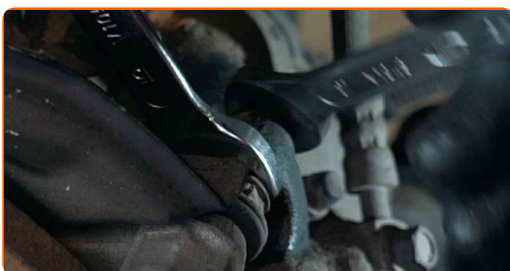
13

Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



14

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



15

Remove the brake caliper.

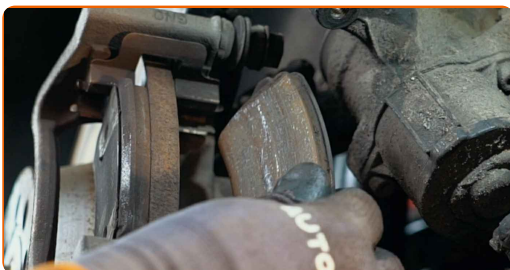


Replacement: brake pads – VW Passat NMS (A32, A33). Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

16

Remove the brake pads.



Replacement: brake pads – VW Passat NMS (A32, A33). AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

17

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – VW Passat NMS (A32, A33). After applying the spray, wait a few minutes.

18

Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – VW Passat NMS (A32, A33). Tip:

- Make sure the disc surface is clean before installing the pads.

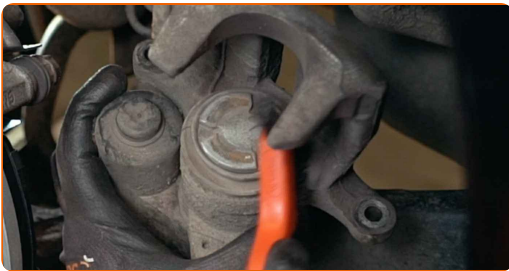
19 Install new brake pads.



Replacement: brake pads – VW Passat NMS (A32, A33). Tip from AUTODOC experts:

- Make sure the pads are installed with linings facing the disc.

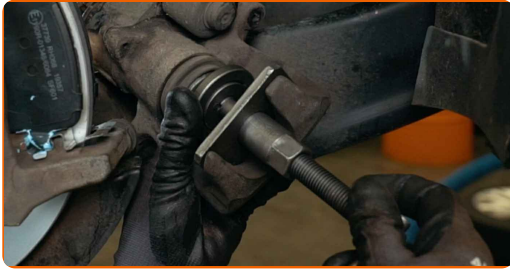
20 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



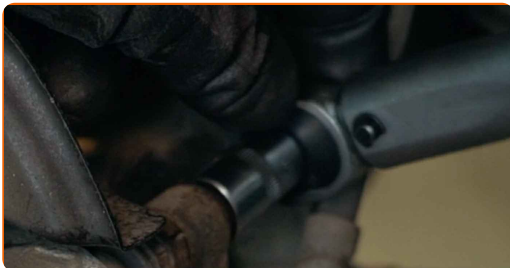
AUTODOC recommends:

- Replacement: brake pads – VW Passat NMS (A32, A33). After applying the spray, wait a few minutes.

21 Press in the brake caliper piston. Use brake caliper wind back tool.



22 Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



23 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



24 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – VW Passat NMS (A32, A33). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

25 Install the wheel.



AUTODOC recommends:

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

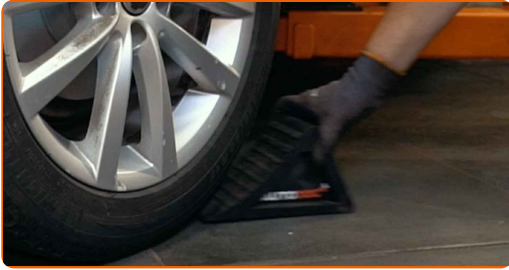
26 Screw in the wheel bolts. Use wheel impact socket #17.



27 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.



28 Remove the jacks and chocks.



29 Deactivate the service mode of the parking brake system.

30 Disconnect the scan and service tool.



Replacement: brake pads – VW Passat NMS (A32, A33). Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

31 Tighten the brake fluid reservoir cap.



32

Install the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.

**33**

Close the hood.

WELL DONE! 

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BRAKE PADS: A WIDE SELECTION

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