



How to change front
brake pads on **VW GOLF
PLUS (5M1, 521)** –
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 GOLF PLUS (5M1, 521) 1.6 BiFuel, VW GOLF PLUS (5M1, 521) 1.6 TDI, VW GOLF PLUS (5M1, 521) 1.2 TSI, VW GOLF PLUS (5M1, 521) 1.4 16V, VW GOLF PLUS (5M1, 521) 1.6 FSI, VW GOLF PLUS (5M1, 521) 1.9 TDI, VW GOLF PLUS (5M1, 521) 2.0 TDI 16V, VW GOLF PLUS (5M1, 521) 2.0 FSI, VW GOLF PLUS (5M1, 521) 1.6, VW GOLF PLUS (5M1, 521) 2.0 TDI, VW GOLF PLUS (5M1, 521) 1.4 TSI, VW GOLF PLUS (5M1, 521) 1.4 FSI, VW GOLF PLUS (5M1, 521) 1.6 MultiFuel

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 GOLF VI (5K1) 2.0 GTi

REPLACEMENT: BRAKE PADS – VW GOLF PLUS (5M1, 521). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit No.H7.
- Wheel impact socket #17
- Flat screwdriver
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

Buy tools

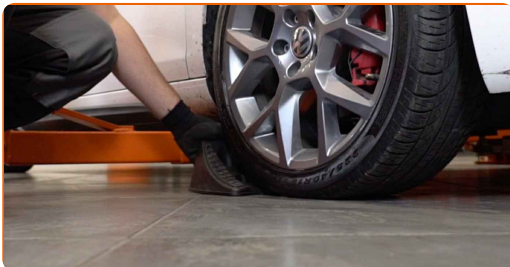
Replacement: brake pads – VW GOLF PLUS (5M1, 521). Professionals recommend:

- 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.
- All work should be done with the engine stopped.

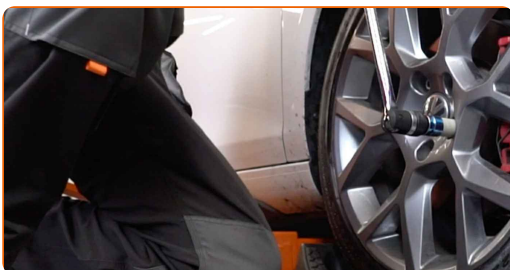
REPLACEMENT: BRAKE PADS – VW GOLF PLUS (5M1, 521). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



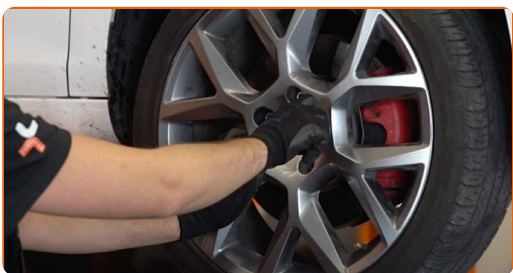
3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.



5 Unscrew the wheel bolts.



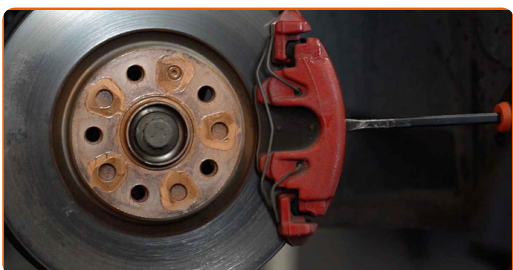
Replacement: brake pads – VW GOLF PLUS (5M1, 521). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.

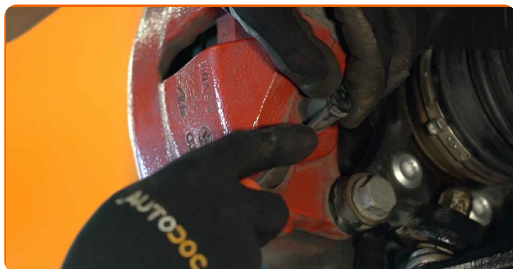


7 Spread the brake pads. Use a crowbar.



8

Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



9

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



10

Detach the brake caliper retaining spring. Use a crowbar.



11

Remove the brake caliper.

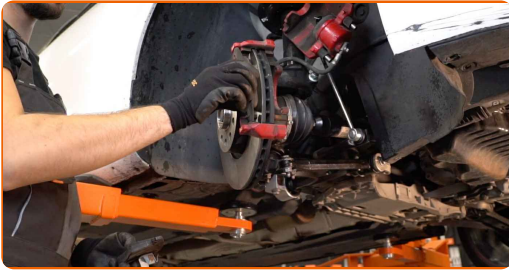


Replacement: brake pads – VW GOLF PLUS (5M1, 521). Tip from AUTODOC experts:

- 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.

12

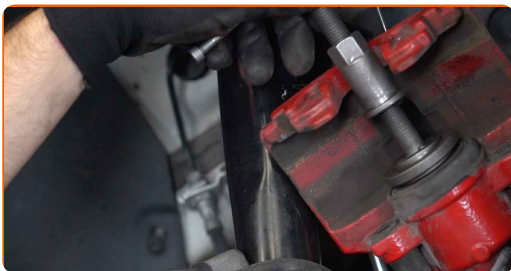
Remove the brake pads.



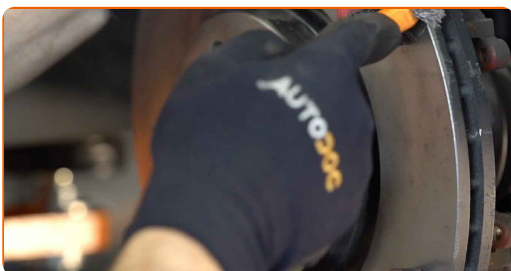
Replacement: brake pads – VW GOLF PLUS (5M1, 521). AUTODOC experts recommend:

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

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



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



AUTODOC recommends:

- Replacement: brake pads – VW GOLF PLUS (5M1, 521). After applying the spray, wait a few minutes.

15 Treat the brake caliper bracket where it contacts the brake pads. Use anti-squeal paste. Use a flat screwdriver.



Replacement: brake pads – VW GOLF PLUS (5M1, 521). Tip from AUTODOC:

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

16

Install new brake pads.



Replacement: brake pads – VW GOLF PLUS (5M1, 521). Tip:

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

17

Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



AUTODOC recommends:

- VW GOLF PLUS (5M1, 521) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

18 Install the dust boot caps of the brake caliper guide pins.



19 Install the brake caliper retaining spring.



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



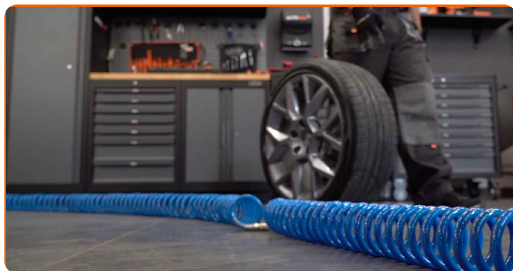
21 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – VW GOLF PLUS (5M1, 521). AUTODOC recommends:

- After applying the spray, wait a few minutes.

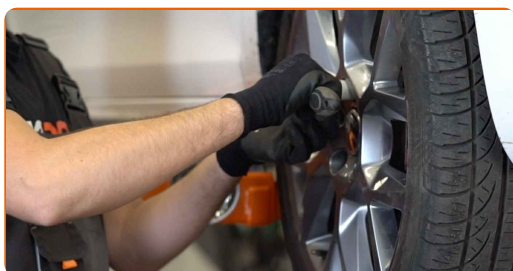
22 Install the wheel.



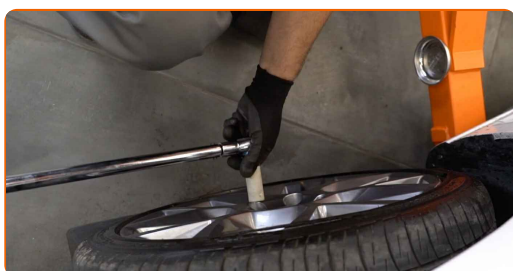
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW GOLF PLUS (5M1, 521)

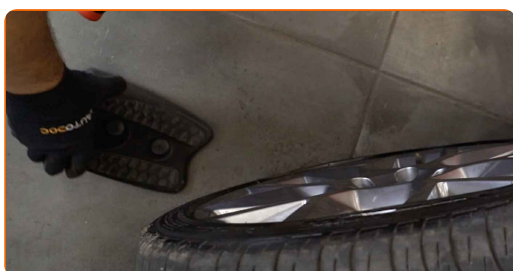
23 Screw in the wheel bolts. Use wheel impact socket #17.



24 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.



25 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – VW GOLF PLUS (5M1, 521). Check the brake fluid level in the reservoir and top up if necessary.

26

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – VW GOLF PLUS (5M1, 521). Tip from AUTODOC experts:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

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