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How to change front brake pads on **VW Touran 1T3** – replacement guide







#### **VIDEO TUTORIAL**



### (i) Important!

This replacement procedure can be used for:

VW Passat Saloon (362) 1.4 TSI, VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Saloon (362) 1.6 TDI, VW Passat Saloon (362) 2.0 TDI, VW Passat Saloon (362) 2.0 TDI 4motion, VW Passat Saloon (362) 1.4 TSI EcoFuel, VW Passat Variant (365) 1.4 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 1.6 TDI, VW Passat Variant (365) 2.0 TSI, VW Passat Variant (365) 2.0 TDI, VW Passat Variant (365) 2.0 TDI 4motion, VW Passat Variant (365) 1.4 TSI EcoFuel, VW TOURAN (1T3) 1.2 TSI, (+ 241)

The steps may slightly vary depending on the car design.

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## REPLACEMENT: BRAKE PADS – VW TOURAN 1T3. TOOLS YOU MIGHT NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Anti-squeal paste
- HEX bit No.H7.
- Wheel impact socket #17

- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Flat screwdriver
- Crow bar
- Wheel chock

**BUY TOOLS** 

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#### Replacement: brake pads – VW Touran 1T3. 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 TOURAN 1T3. USE THE FOLLOWING PROCEDURE:

1 Op

Open the bonnet. Unscrew the brake fluid reservoir cap.



Secure the wheels with chocks.



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



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



5 Unscrew the wheel bolts.



## Replacement: brake pads – VW Touran 1T3. Tip from AUTODOC experts:

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



Detach the brake caliper retaining spring.



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Disconnect the brake pad wear sensor plug. Remove the connector of the brake pad wear sensor.

#### Please note!

- Some cars are not equipped with the brake pad wear sensor.
- 9 Spread the brake pads. Use a crowbar.



Remove the dust boot caps of the brake caliper guide pins.



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



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Remove the brake caliper.



#### Replacement: brake pads – VW Touran 1T3. Tip from AUTODOC:

- 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.

13 Remove the brake pads.



#### Replacement: brake pads – VW Touran 1T3. AUTODOC recommends:

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

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



#### **AUTODOC** recommends:

- Replacement: brake pads VW Touran 1T3. After applying the spray, wait a few minutes.
- Press in the brake caliper piston. Use brake caliper wind back tool.



Treat the back side of the new brake pads. Treat the brake caliper bracket where it contacts the brake pads. Use anti-squeal paste.



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#### Replacement: brake pads – VW Touran 1T3. AUTODOC experts recommend:

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

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Install new brake pads.



### Replacement: brake pads - VW Touran 1T3. Tip:

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

18.1

Install the brake caliper and fix it.



18.2

Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



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#### **AUTODOC** recommends:

• VW Touran 1T3 – Without starting the engine, press the brake pedal several times until it feels firm.

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



20 Install the brake caliper retaining spring.



- Connect the brake pad wear sensor plug.
- Clean the brake disk surface. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.
- 23 Install the wheel.



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#### Replacement: brake pads – VW Touran 1T3. Professionals recommend:

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





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



Remove the jacks and chocks.



Replacement: brake pads – VW Touran 1T3. AUTODOC recommends:

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

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Tighten the brake fluid reservoir cap. Close the hood.



## Replacement: brake pads – VW Touran 1T3. Tip from AUTODOC experts:

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





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