



How to change front
brake caliper on **AUDI TT**
Roadster (8N9) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

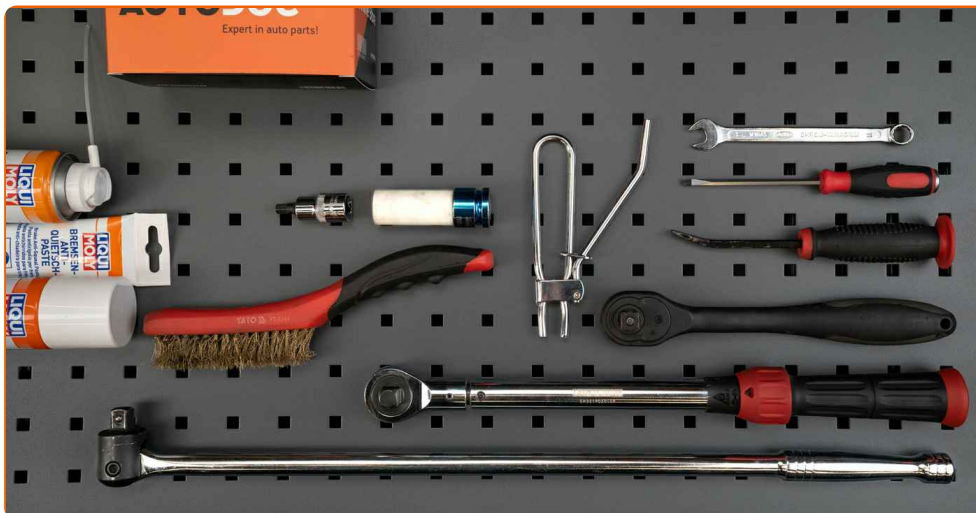
Important!

This replacement procedure can be used for:
AUDI TT Roadster (8N9) 1.8 T, AUDI TT Roadster (8N9) 1.8 T quattro

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 POLO (9N_) 1.4 16V

REPLACEMENT: BRAKE CALIPER – AUDI TT ROADSTER (8N9). TOOLS YOU MIGHT NEED:



- Torque wrench
- Wire brush
- HEX bit No.H7.
- Combination spanner №11
- Ratchet wrench
- Brake cleaner
- Copper grease
- Anti-squeal paste
- Flat screwdriver
- Fluid container
- Wheel impact socket #17
- Crow bar
- Wheel chock
- Brake hose clip

Buy tools

Replacement: brake caliper – AUDI TT Roadster (8N9). Tip from AUTODOC experts:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – AUDI TT Roadster (8N9) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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

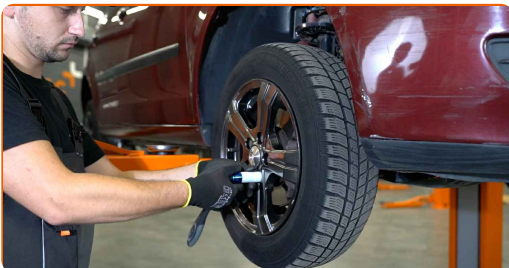
2 Secure the wheels with chocks.

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



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

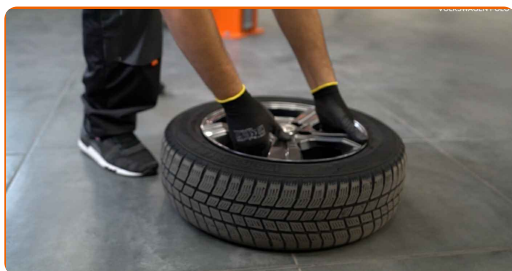
5 Unscrew the wheel bolts.



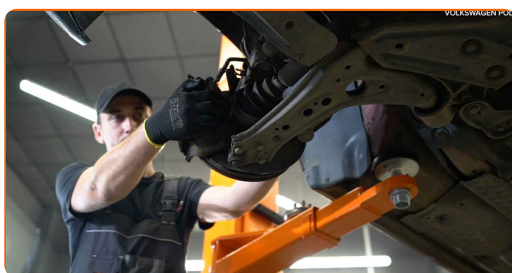
Replacement: brake caliper – AUDI TT Roadster (8N9). Tip:

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

6 Remove the wheel.



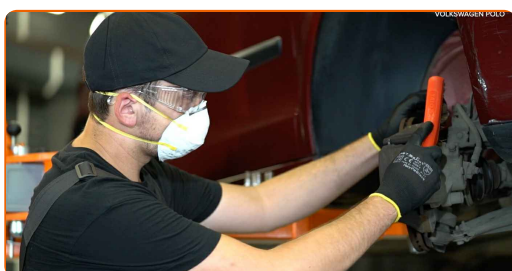
7 Turn the steering knuckle to the right to get access to the brake hose bolt and brake pad wear sensor.



Please note!

- If you use a jack, doing step #7 is impossible.

8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



Replacement: brake caliper – AUDI TT Roadster (8N9). AUTODOC recommends:

- After applying the spray, wait a few minutes.

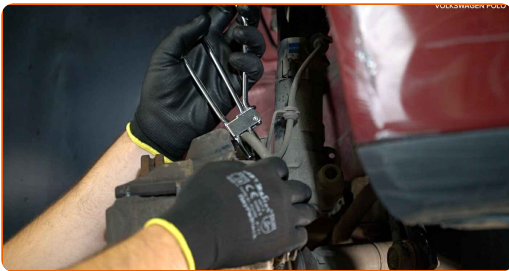
9

Put a container for gathering brake fluid beneath.



10

Clamp the brake hose off using a brake hose clamp.

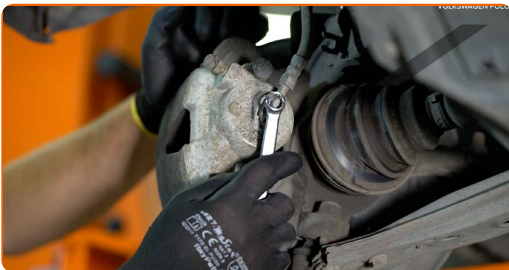


11

Disconnect the brake hose bracket from the brake caliper.

12

Unscrew the brake hose from the brake caliper. Use a combination spanner #11. Move the brake hose aside. Tie the brake hose to the car body with a hook or a piece of wire.

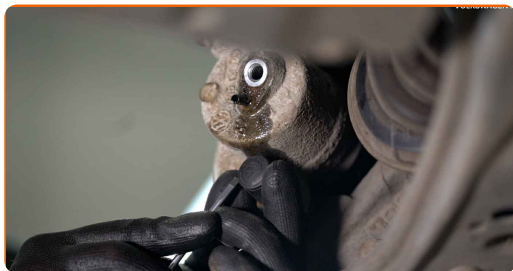


13

Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor.

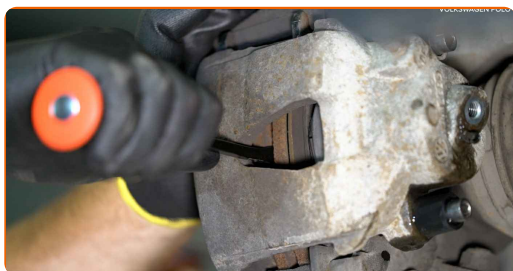
14

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



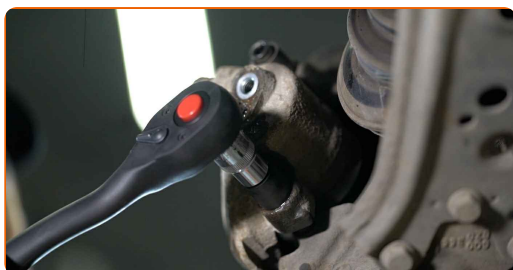
15

Spread the brake pads. Use a crowbar.



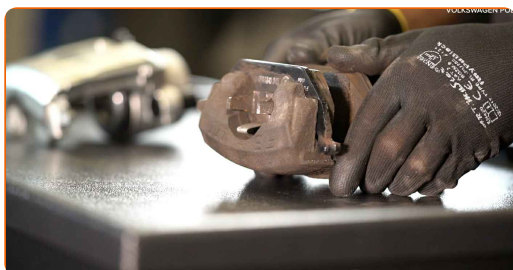
16

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



17

Remove the brake caliper.



Replacement: brake caliper – AUDI TT Roadster (8N9). AUTODOC experts recommend:

- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- If going to use the old brake pads, clean them.

18

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

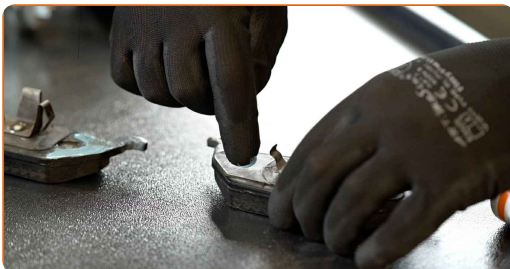


AUTODOC recommends:

- Replacement: brake caliper – AUDI TT Roadster (8N9). After applying the spray, wait a few minutes.

19

Treat the contact surfaces between the brake pads and the brake caliper bracket. Use anti-squeal paste.



20

Remove the guide pins from the brake caliper.

21

Clean old grease and rust stains, if there are any, from the caliper guide pins and guide pin boots. Use a brake cleaner.

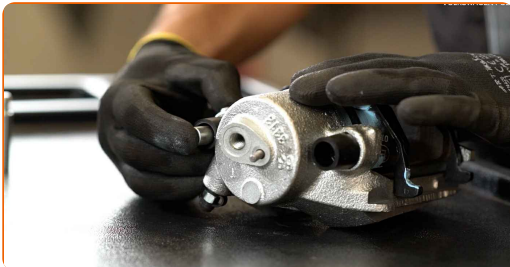


Replacement: brake caliper – AUDI TT Roadster (8N9). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

22

Lubricate guide pins with special brake grease.



Replacement: brake caliper – AUDI TT Roadster (8N9). Tip from AUTODOC:

- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

23

Install the brake caliper together with the pads.

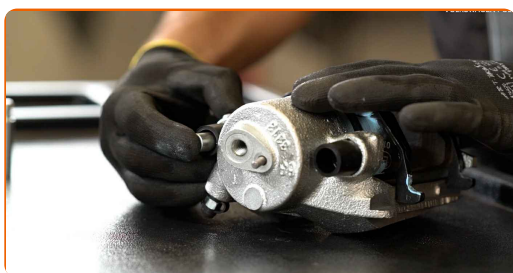


Please note!

- Install the brake caliper starting with its lower part.

24

Screw in the guide pins.



Replacement: brake caliper – AUDI TT Roadster (8N9). AUTODOC recommends:

- Hold up the brake caliper.

25

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



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



27 Clean dirt from the brake hose bolt. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake caliper – AUDI TT Roadster (8N9). After applying the spray, wait a few minutes.

28 Install and fix the brake hose into a new caliper. Use a combination spanner #11. Use a torque wrench. Tighten it to 35 Nm torque.



Replacement: brake caliper – AUDI TT Roadster (8N9). Tip from AUTODOC:

- Bleed the brake caliper system.

29 Connect the ABS sensor electric socket. Connect the brake pad wear sensor plug.

30

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



31

Install the wheel.

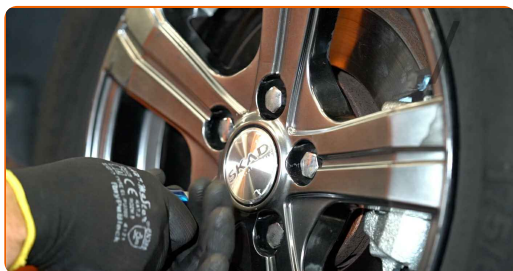


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI TT Roadster (8N9)

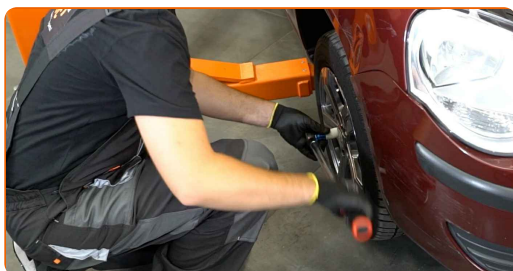
32

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



33

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



34 Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake caliper – AUDI TT Roadster (8N9). Check the brake fluid level in the reservoir and top up if necessary.

35 Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE! 

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BRAKE CALIPER: A WIDE SELECTION

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