



How to change rear
brake discs on **VW New
Beetle Convertible (1Y7)**
– 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 New Beetle Convertible (1Y7) 1.6, VW New Beetle Convertible (1Y7) 2.0, VW New Beetle Convertible (1Y7) 1.9 TDI, VW New Beetle Convertible (1Y7) 1.4, VW New Beetle Convertible (1Y7) 1.8 T, VW New Beetle Convertible (1Y7) 2.5

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 DISCS – VW NEW BEETLE CONVERTIBLE (1Y7). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Brake caliper guide pins grease
- Copper grease
- Sealant
- Combination spanner #13
- Combination spanner #15
- HEX bit No.H8.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Phillips screwdriver
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the brake disks on the car VW New Beetle Convertible (1Y7) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – VW NEW BEETLE CONVERTIBLE (1Y7). RECOMMENDED SEQUENCE OF STEPS:

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 rear of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

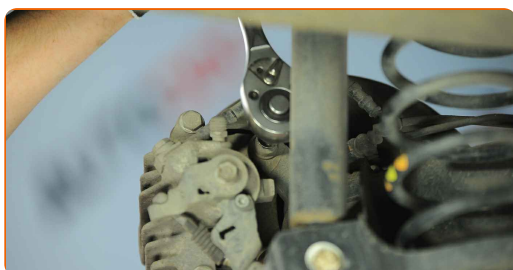
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW New Beetle Convertible (1Y7)

6 Remove the wheel.



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

8 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



9 Spread the brake pads. Use a crowbar.

10

Remove the brake caliper. Use a crowbar.



Replacement: brake discs – VW New Beetle Convertible (1Y7). Professionals recommend:

- 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.

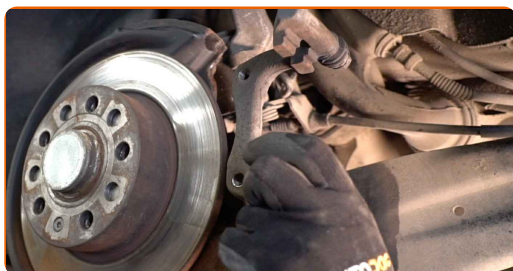
11

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

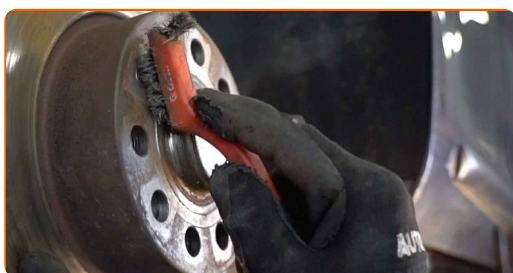
12

Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench.

13 Remove the caliper bracket.



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



15 Unscrew the brake disc fastening. Use a Phillips screwdriver.

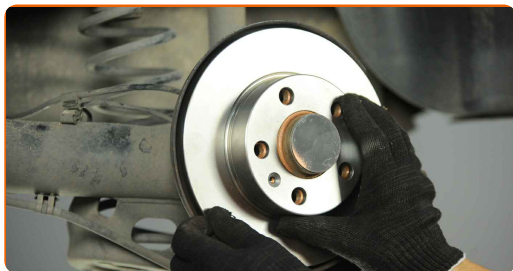


16 Remove the brake disc.



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

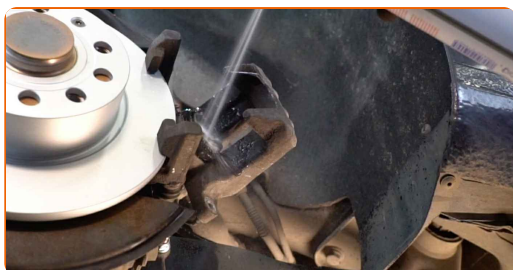
18 Install the brake disc.



19 Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 4 Nm torque.



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



AUTODOC recommends:

- Replacement: brake discs – VW New Beetle Convertible (1Y7). After applying the spray, wait a few minutes.

21 Clean the brake caliper guide pins.

22 Treat the brake caliper guide pins. Use the brake caliper guide pin grease.

23 Treat the fastening bolts. Use a sealant.

24

Install the brake caliper bracket.

25

Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 80 Nm torque.

26

Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – VW New Beetle Convertible (1Y7). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

27

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

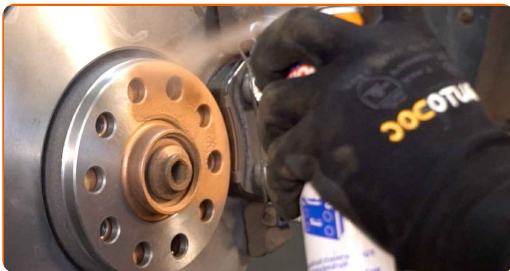
28

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



29

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



30

Clean the brake disk surface. Use a brake cleaner.

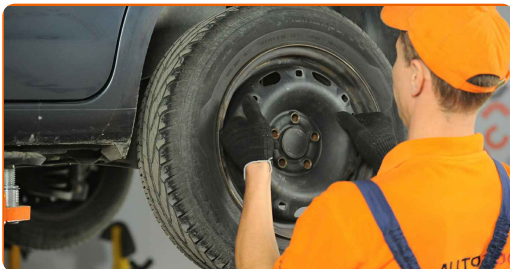


AUTODOC recommends:

- Replacement: brake discs – VW New Beetle Convertible (1Y7). After applying the spray, wait a few minutes.

31

Install the wheel.

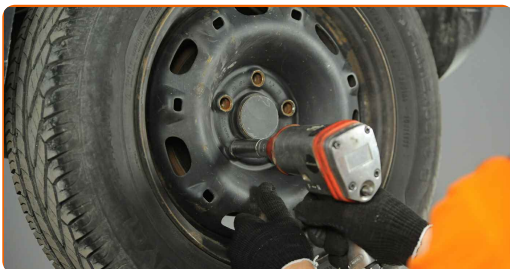


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW New Beetle Convertible (1Y7)

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 wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



34

Remove the jacks and chocks.



Replacement: brake discs – VW New Beetle Convertible (1Y7). AUTODOC recommends:

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

35

Tighten the brake fluid reservoir cap.

Replacement: brake discs – VW New Beetle Convertible (1Y7). Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

36

Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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