



How to change rear ABS
sensor 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!

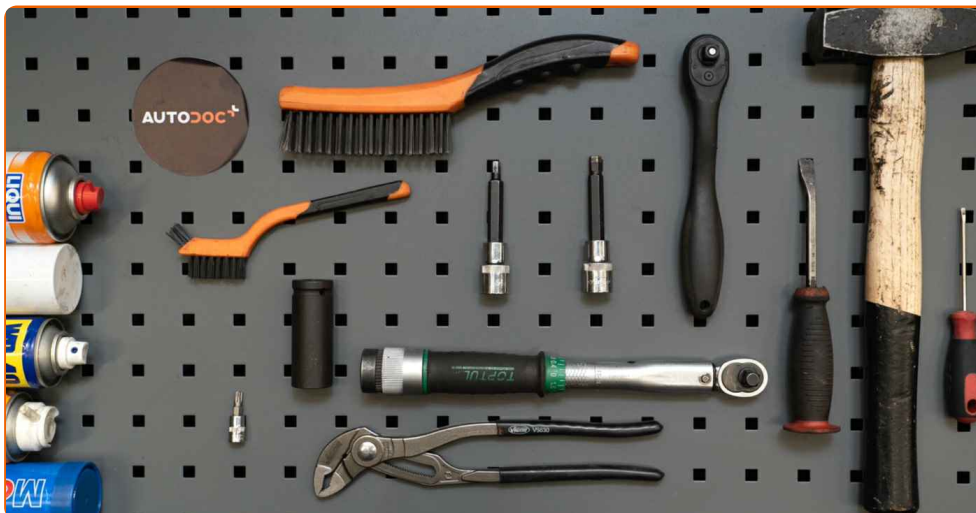
This replacement procedure can be used for:

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

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 IV Hatchback (1J1) 1.6

REPLACEMENT: ABS SENSOR – VW NEW BEETLE CONVERTIBLE (1Y7). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Multipurpose grease
- Torque wrench
- Torx bit T30
- HEX bit No.H5
- HEX bit No.H8
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- Water pump pliers
- Pin punch
- Tap wrench
- Hammer
- Crow bar
- Wheel chock

Buy tools

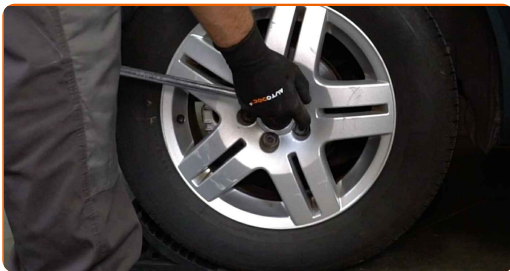
Replacement: ABS sensor – VW New Beetle Convertible (1Y7). Tip from AUTODOC:

- All work should be done with the engine stopped.

REPLACEMENT: ABS SENSOR – VW NEW BEETLE CONVERTIBLE (1Y7). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

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



3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



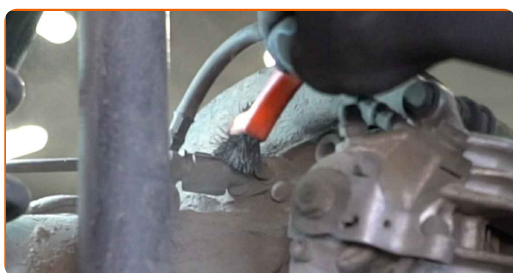
AUTODOC recommends:

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

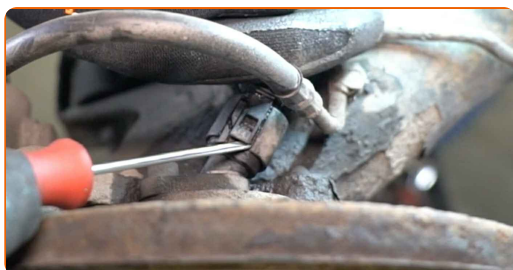
5 Remove the wheel.



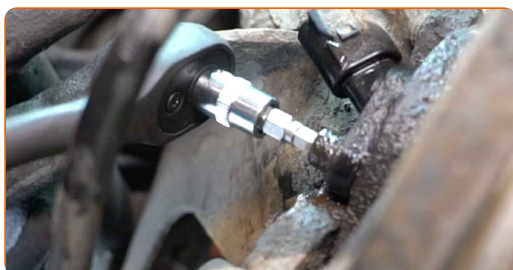
6 Clean the ABS sensor fastener. Use a nylon cleaning brush. Use WD-40 spray.



7 Detach the ABS sensor connector. Use a flat screwdriver.



8 Unscrew the ABS sensor fastener. Use HEX No.H5. Use a ratchet wrench.



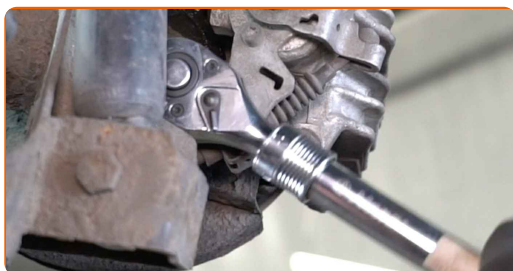
9

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



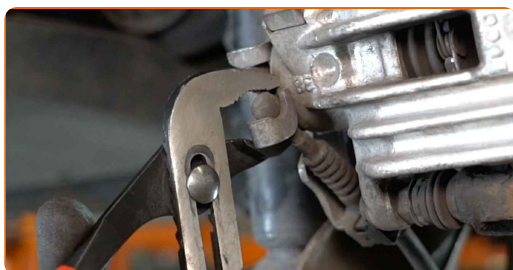
10

Unscrew the brake caliper bracket fasteners. Use HEX No.H8. Use a ratchet wrench. Use a tap wrench.



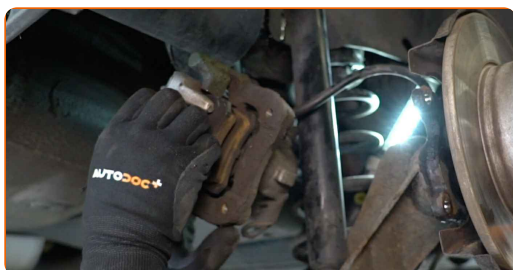
11

Release the parking brake cable. Use water pump pliers. Use a crowbar.



12

Remove the brake caliper together with its bracket.



Replacement: ABS sensor – VW New Beetle Convertible (1Y7). AUTODOC experts 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.

13

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

14

Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



15

Remove the brake disc.



16

Disconnect the ABS sensor. Use a pin punch. Use a hammer. Use a crowbar.



17

Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray.



18

Treat the ABS sensor fastener. Use a multipurpose grease.



19

Connect the ABS sensor.



- 20 Tighten the fastener connecting the ABS sensor to the stub axle. Use HEX No.H5. Use a torque wrench. Tighten it to 6 Nm torque.



- 21 Treat the ABS sensor connector. Use dielectric grease.



- 22 Attach the ABS sensor connector.



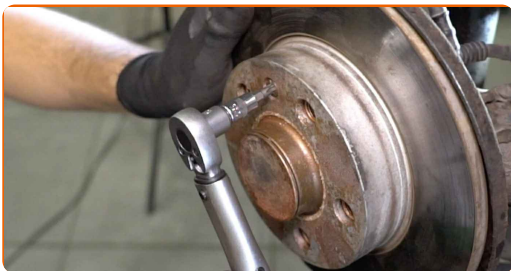
- 23 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



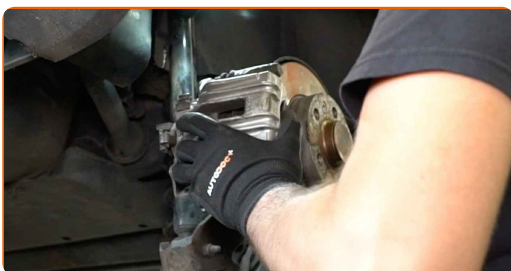
- 24 Install the brake disc.



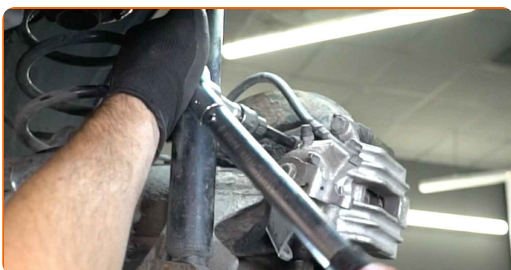
25 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 6 Nm torque.



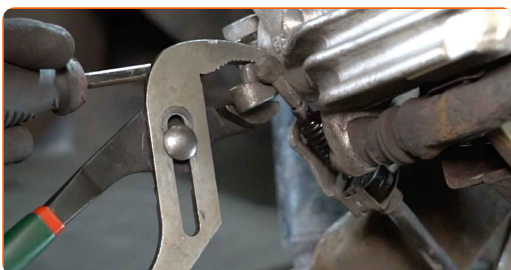
26 Install the brake caliper together with its bracket.



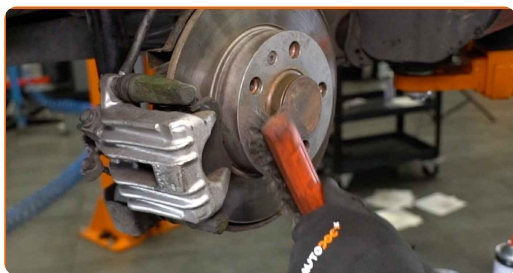
27 Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 45 Nm torque.



28 Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.



29 Clean the wheel rim mounting seat. Use a wire brush.



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



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



AUTODOC recommends:

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

32 Install the wheel.



AUTODOC recommends:

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

33

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



34

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.



35

Remove the jacks and chocks.



WELL DONE! 

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ABS SENSOR: A WIDE SELECTION

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