



How to change front ABS
sensor on **BMW 1**
Convertible (E88) –
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:

BMW 1 Convertible (E88) 120i 2.0, BMW 1 Convertible (E88) 125i 3.0, BMW 1 Convertible (E88) 118i 2.0, BMW 1 Convertible (E88) 135i 3.0, BMW 1 Convertible (E88) 120d 2.0, BMW 1 Convertible (E88) 123d 2.0, BMW 1 Convertible (E88) 128i 3.0

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: BMW 1 Coupe (E82) 125i 3.0

REPLACEMENT: ABS SENSOR – BMW 1 CONVERTIBLE (E88). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Multipurpose grease
- Copper grease
- HEX bit no.H5.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Round-nose pliers
- Wheel chock

Buy tools

Replacement: abs sensor – BMW 1 Convertible (E88). Professionals recommend:

- The replacement procedure is identical for both ABS sensors on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ABS SENSOR – BMW 1 CONVERTIBLE (E88). TAKE THE FOLLOWING STEPS:

1 Secure the wheels with chocks.



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



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

4

Unscrew the wheel bolts.

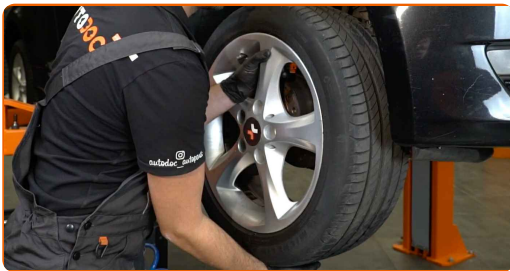


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
BMW 1 Convertible (E88)

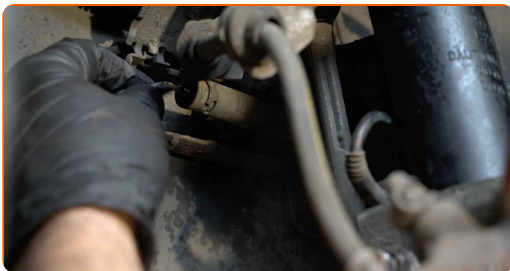
5

Remove the wheel.



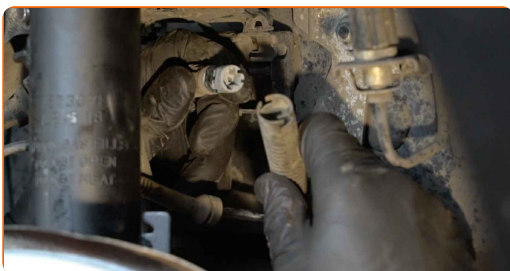
6

Disconnect the ABS sensor wiring.



7

Detach the ABS sensor connector.



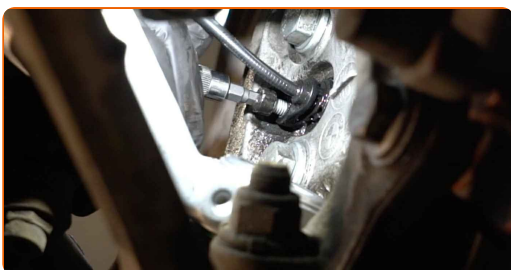
8 Disconnect the ABS sensor wiring.



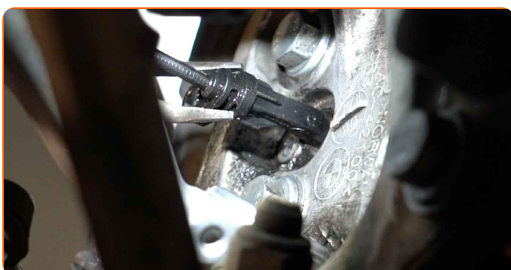
9 Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.



10 Unscrew the ABS sensor fastening from the steering knuckle. Use HEX No.H5. Use a ratchet wrench.



11 Remove the ABS sensor from the steering knuckle. Use round-nose pliers.



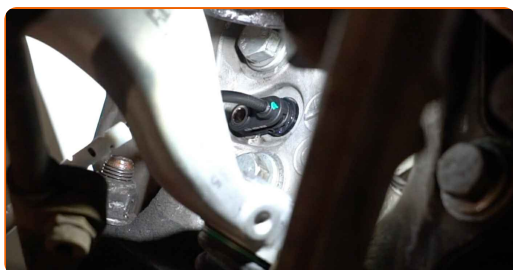
12 Clean the ABS sensor mounting seat. Use a wire brush. Use all-purpose cleaning spray.



13 Treat the ABS sensor fastener. Use a multipurpose grease. Use a flat screwdriver.



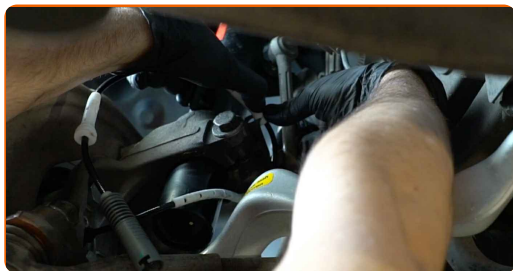
14 Install the ABS sensor on the steering knuckle and secure it.



15 Tighten the fastener that connects the ABS sensor to the steering knuckle. Use HEX No.H5. Use a torque wrench. Tighten it to 13 Nm torque.



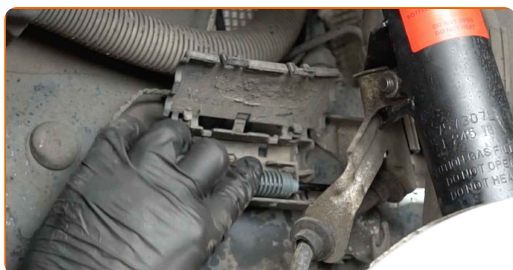
16 Connect the ABS sensor wiring.



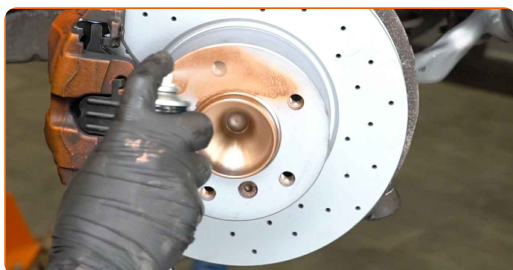
17 Attach the ABS sensor connector.



18 Connect the ABS sensor wiring.



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



20

Clean the brake disk surface. Use a brake cleaner.



Replacement: abs sensor – BMW 1 Convertible (E88). AUTODOC recommends:

- After applying the spray, wait a few minutes.

21

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. BMW 1 Convertible (E88)

22

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



- 23** 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.



- 24** Remove the jacks and chocks.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

ABS SENSOR: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.