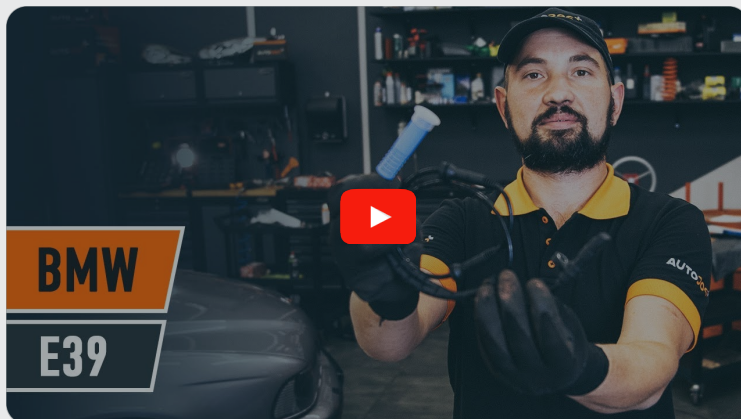




How to change front ABS
sensor on **BMW 5 Saloon**
(E39) – replacement
guide

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 5 Saloon (E39) 520i 2.0, BMW 5 Saloon (E39) 525tds 2.5, BMW 5 Saloon (E39) 523i 2.5, BMW 5 Saloon (E39) 528i 2.8, BMW 5 Saloon (E39) 540i 4.4, BMW 5 Saloon (E39) 535i 3.5, BMW 5 Saloon (E39) 525td 2.5, BMW 5 Saloon (E39) 530d 3.0, BMW 5 Saloon (E39) 520d 2.0, BMW 5 Saloon (E39) 525d 2.5, BMW 5 Saloon (E39) 520i 2.2, BMW 5 Saloon (E39) 525i 2.5, BMW 5 Saloon (E39) 530i 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 5 Touring (E39) 530d 3.0

**REPLACEMENT: ABS SENSOR – BMW 5 SALOON (E39).
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Multipurpose grease
- Torque wrench
- Drive socket # 10
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Wheel chock

Buy tools

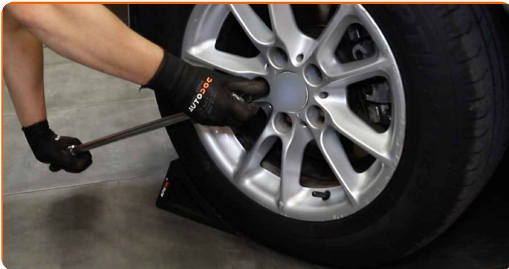
Replacement: ABS sensor – BMW 5 Saloon (E39). AUTODOC experts recommend:

- All work should be done with the engine stopped.

REPLACEMENT: ABS SENSOR – BMW 5 SALOON (E39). USE THE FOLLOWING PROCEDURE:

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.

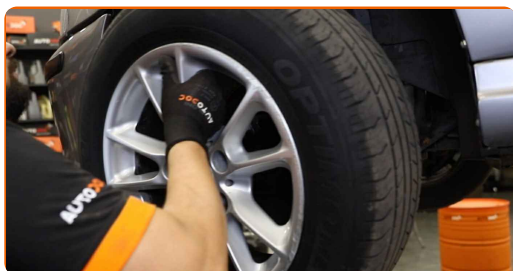
4 Unscrew the wheel bolts.



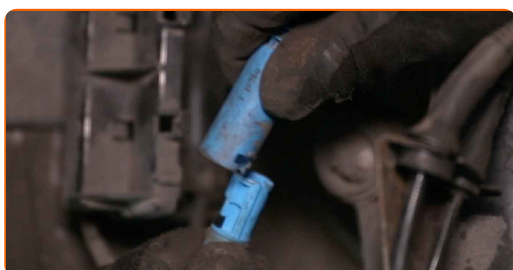
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
BMW 5 Saloon (E39)

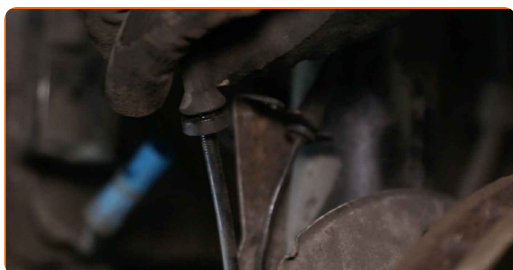
5 Remove the wheel.



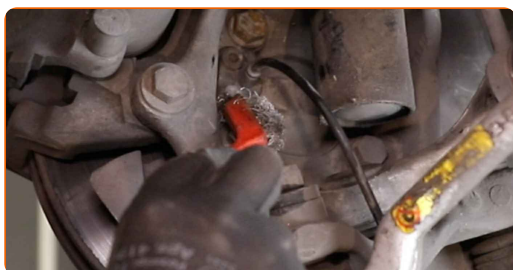
6 Detach the ABS sensor connector.



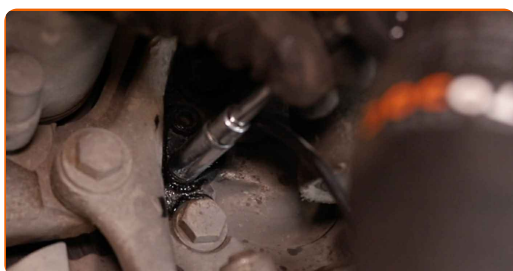
7 Disconnect the ABS sensor wiring.



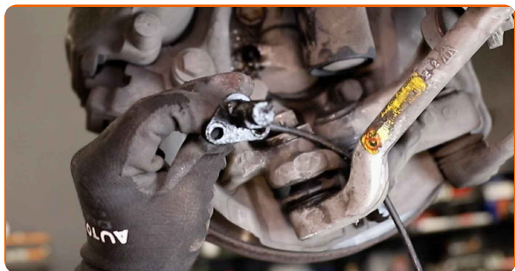
8 Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.



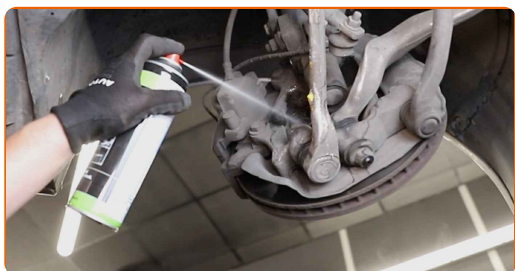
9 Unscrew the ABS sensor fastener. Use a drive socket #10. Use a ratchet wrench.



- 10 Disconnect the ABS sensor. Use a crowbar.



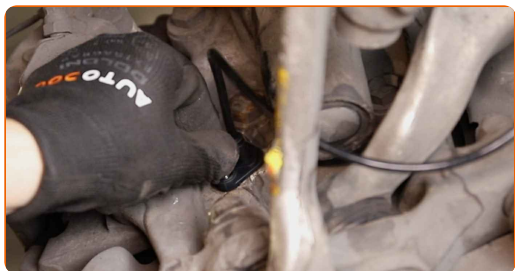
- 11 Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray.



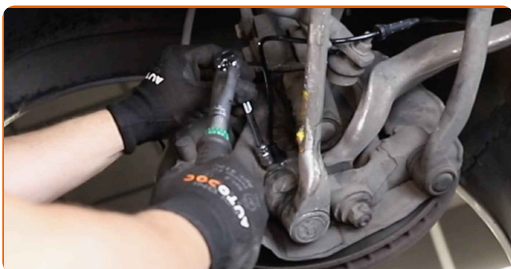
- 12 Treat the ABS sensor fastener. Use a multipurpose grease. Use a crowbar.



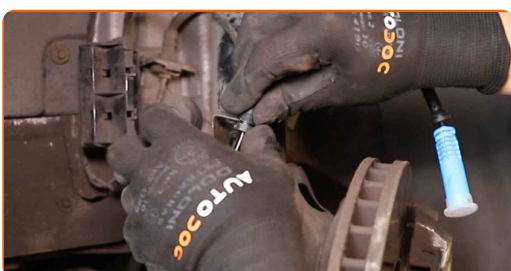
- 13 Connect the ABS sensor.



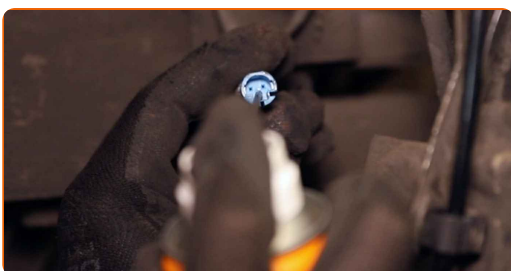
- 14** Tighten the fastener that connects the ABS sensor to the steering knuckle. Use a drive socket #10. Use a torque wrench. Tighten it to 7 Nm torque.



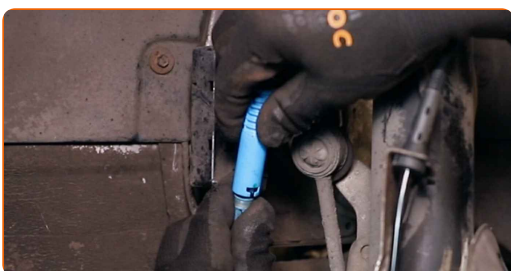
- 15** Connect the ABS sensor wiring.



- 16** Treat the ABS sensor connector. Use dielectric grease.



- 17** Attach the ABS sensor connector.



- 18** Clean the wheel rim mounting seat. Use a wire brush.



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.



AUTODOC recommends:

- Replacement: ABS sensor – BMW 5 Saloon (E39). After applying the spray, wait a few minutes.

21

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW 5 Saloon (E39)

22

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



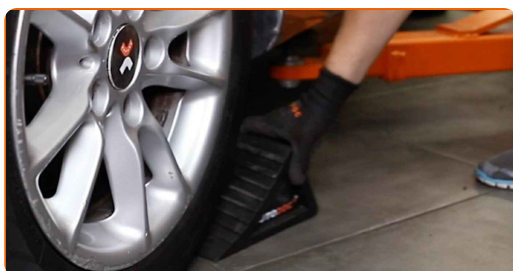
23

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! 

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ABS SENSOR: A WIDE SELECTION

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