

## VIDEO TUTORIAL



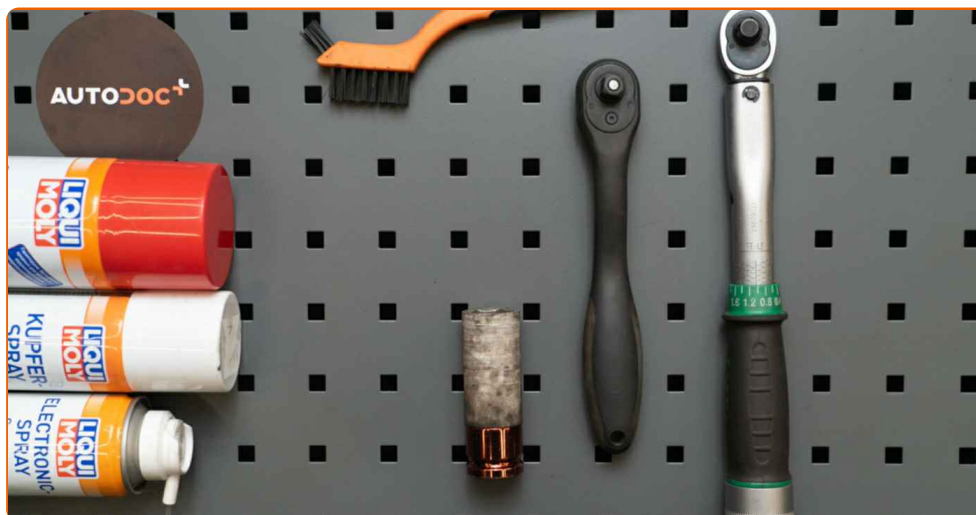
### Important!

This replacement procedure can be used for:

BMW 3 Touring (E91) 318i 2.0, BMW 3 Touring (E91) 316d 2.0, BMW 1 Coupe (E82) 118d 2.0, BMW 3 Coupe (E92) 318i 2.0, BMW 3 Convertible (E93) 318i 2.0, BMW 3 Convertible (E93) 325d 3.0, BMW 1 Hatchback (E81) 116i 1.6, BMW 1 Hatchback (E81) 120d 2.0, BMW 3 Saloon (E90) 320i 2.0, BMW 3 Saloon (E90) 325i 2.5, BMW 3 Saloon (E90) 330i 3.0, BMW 3 Saloon (E90) 320d 2.0, BMW 1 Hatchback (E81) 130i 3.0, BMW 3 Touring (E91) 320i 2.0, BMW 3 Touring (E91) 325i 2.5, (+ 81)

The steps may slightly vary depending on the car design.

## REPLACEMENT: BRAKE PAD WEAR SENSOR – BMW E82. TOOLS YOU'LL NEED:



- Nylon cleaning brush
- Electronic spray
- Brake cleaner
- Copper grease
- Wheel impact socket #17
- Torque wrench
- Wheel chock

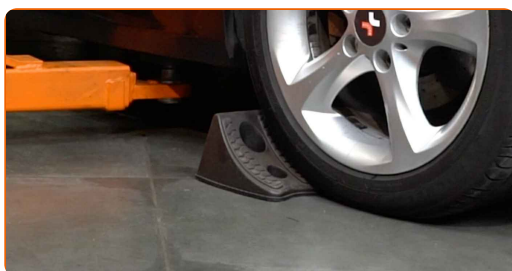
**BUY TOOLS**

### Replacement: brake pad wear sensor – BMW E82. AUTODOC recommends:

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

## REPLACEMENT: BRAKE PAD WEAR SENSOR – BMW E82. RECOMMENDED SEQUENCE OF 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.



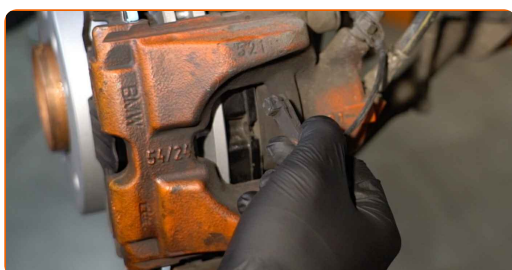
Replacement: brake pad wear sensor – BMW E82. AUTODOC experts recommend:

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

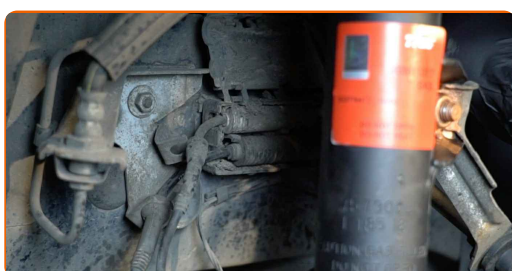
5 Remove the wheel.



6 Remove the brake pad wear sensor from the brake pad.

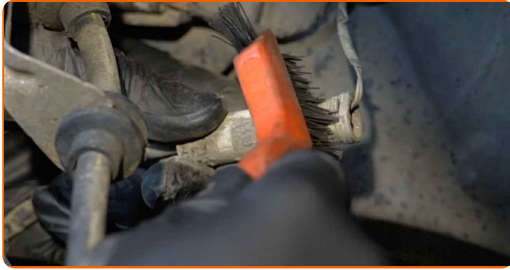


7 Disconnect the brake pads wear sensor.



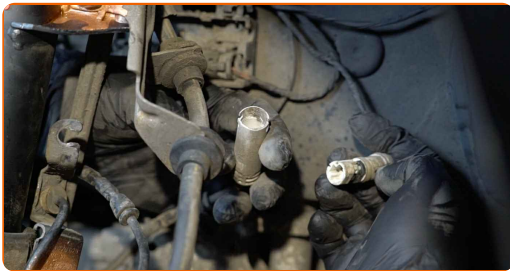
8

Clean the brake pad wear sensor plug. Use a nylon cleaning brush.



9

Disconnect the brake pad wear sensor plug.



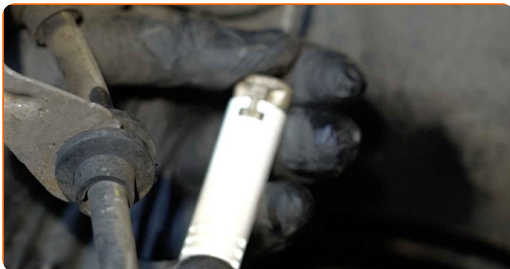
10

Treat the brake pad wear sensor plug. Use dielectric grease.



11

Connect the brake pad wear sensor plug.



- 12 Connect the brake pads wear sensor.



- 13 Install the wear sensor on the brake pads.



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



- 15 Clean the brake disk surface. Use a brake cleaner.



### AUTODOC recommends:

- Replacement: brake pad wear sensor – BMW E82. After applying the spray, wait a few minutes.



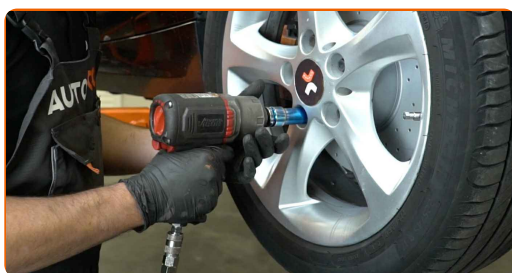
**16** Install the wheel.



Replacement: brake pad wear sensor – BMW E82. Tip:

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

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



**18** 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.



19

Remove the jacks and chocks.



**WELL DONE!** 

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**BRAKE PAD WEAR SENSOR: A WIDE SELECTION**