

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### **Important!**

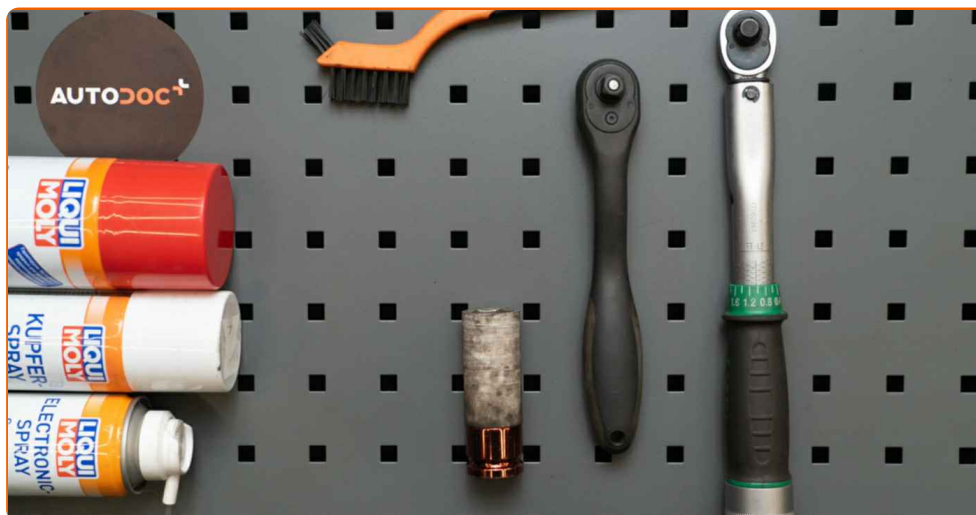
This replacement procedure can be used for:

BMW 1 Hatchback (E87) 116i 1.6, BMW 1 Hatchback (E87) 116i 2.0, BMW 1 Hatchback (E87) 118i 2.0, BMW 1 Hatchback (E87) 120i 2.0, BMW 1 Hatchback (E87) 130i 3.0, BMW 1 Hatchback (E87) 116d 2.0, BMW 1 Hatchback (E87) 118d 2.0, BMW 1 Hatchback (E87) 120d 2.0, BMW 1 Hatchback (E87) 123d 2.0

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: BRAKE PAD WEAR SENSOR – BMW 1 HATCHBACK (E87). TOOLS YOU'LL NEED:



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

**Buy tools**

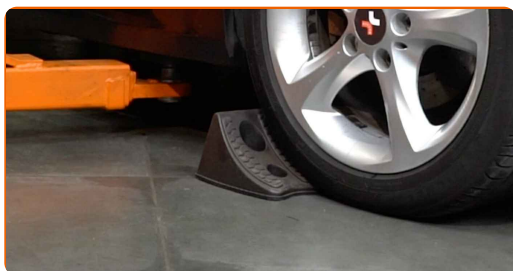
Replacement: brake pad wear sensor – BMW 1 Hatchback (E87). AUTODOC recommends:

- 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 1 HATCHBACK (E87). 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 1 Hatchback (E87). AUTODOC experts recommend:

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

5

Remove the wheel.



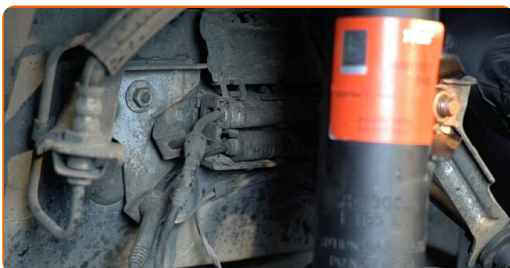
6

Remove the brake pad wear sensor from the brake pad.



7

Disconnect the brake pads wear sensor.



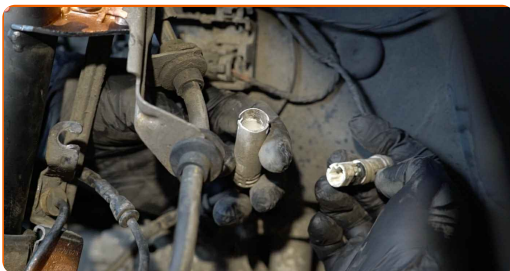
8

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



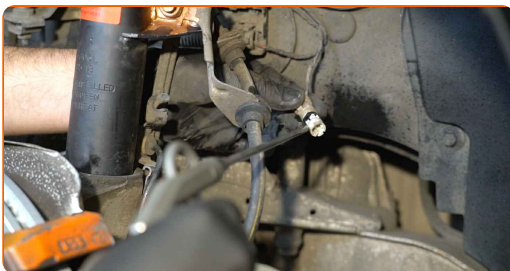
9

Disconnect the brake pad wear sensor plug.



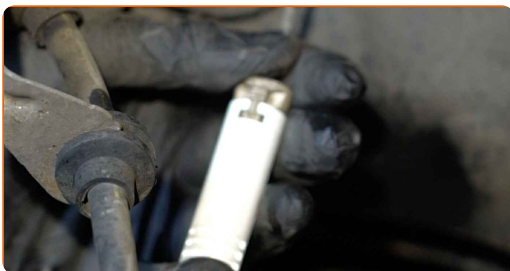
10

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

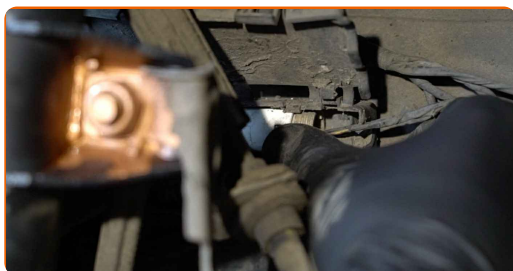


11

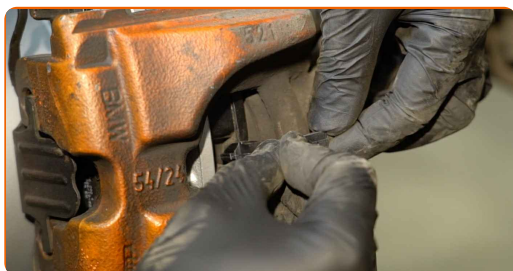
Connect the brake pad wear sensor plug.



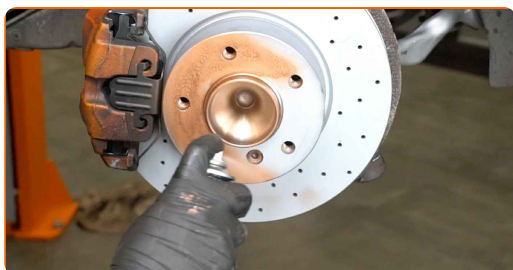
- 12 Connect the brake pads wear sensor.



- 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 1 Hatchback (E87). After applying the spray, wait a few minutes.



**16** Install the wheel.



Replacement: brake pad wear sensor – BMW 1 Hatchback (E87). 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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