

## SIMILAR VIDEO TUTORIAL



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

### **Important!**

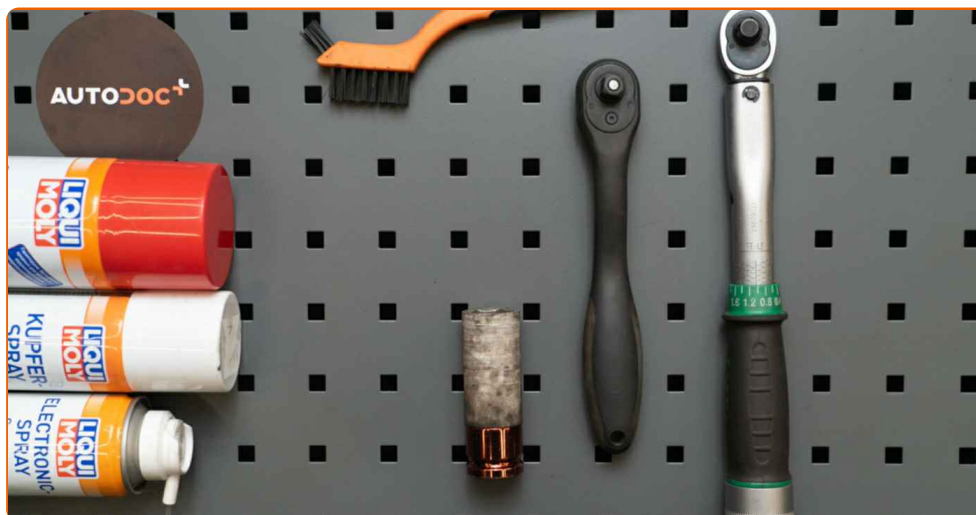
This replacement procedure can be used for:

BMW 3 Saloon (E90) 318d 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 3 Saloon (E90) 318i 2.0, BMW 3 Saloon (E90) 330d 3.0, BMW 3 Saloon (E90) 320si 2.0, BMW 3 Saloon (E90) 335i 3.0, BMW 3 Saloon (E90) 335d 3.0, BMW 3 Saloon (E90) 325d 3.0, BMW 3 Saloon (E90) 325i 3.0, BMW 3 Saloon (E90) 316i 1.6, BMW 3 Saloon (E90) 323i 2.5, BMW 3 Saloon (E90) 330d xDrive 3.0, (+ 6)

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 3 SALOON (E90). TOOLS YOU'LL NEED:



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

**Buy tools**

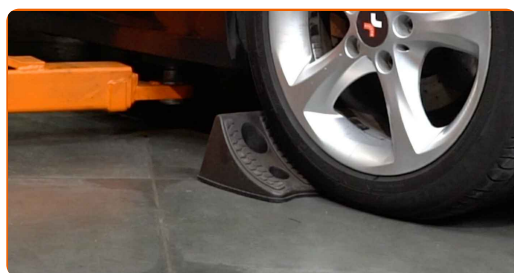
### Replacement: brake pad wear sensor – BMW 3 Saloon (E90). AUTODOC recommends:

- 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 3 SALOON (E90). 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 3 Saloon (E90). AUTODOC experts recommend:

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

5

Remove the wheel.



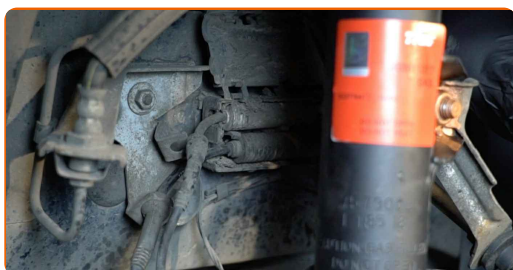
6

Remove the brake pad wear sensor from the brake pad.



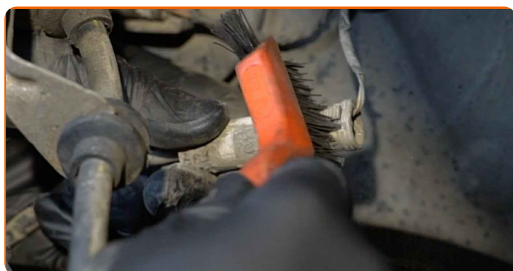
7

Disconnect the brake pads wear sensor.



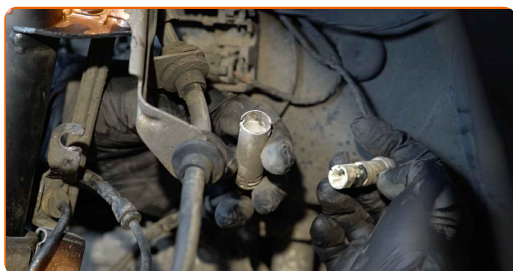
8

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



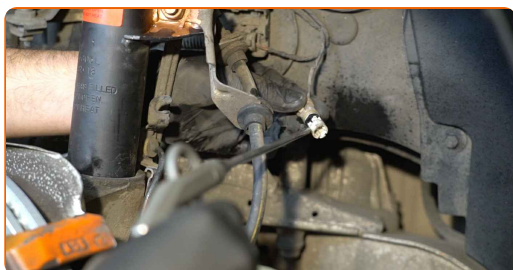
9

Disconnect the brake pad wear sensor plug.



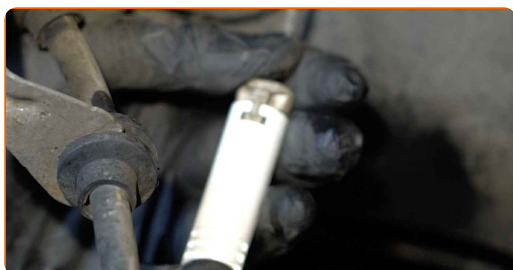
10

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

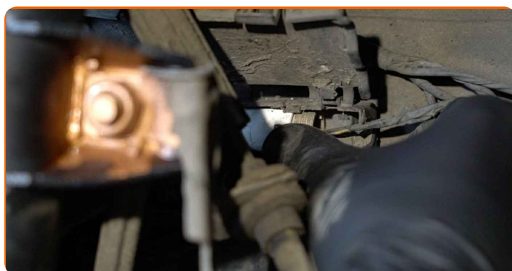


11

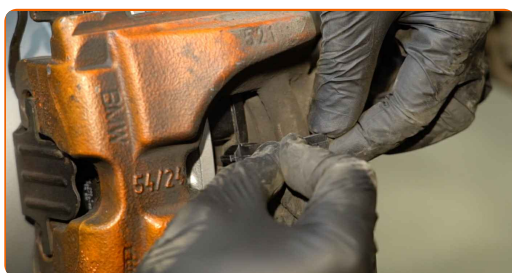
Connect the brake pad wear sensor plug.



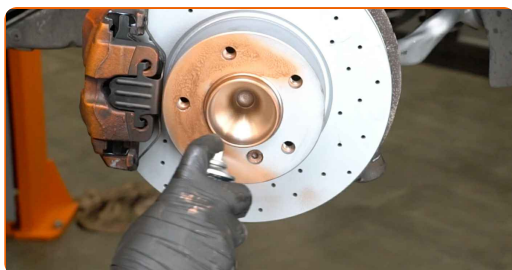
- 12 Connect the brake pads wear sensor.



- 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 3 Saloon (E90). After applying the spray, wait a few minutes.



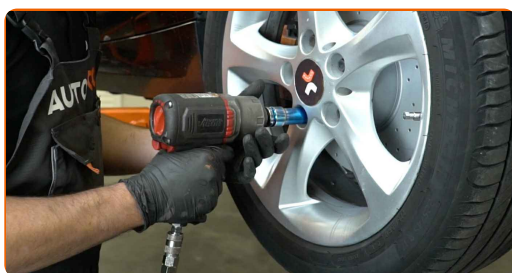
**16** Install the wheel.



Replacement: brake pad wear sensor – BMW 3 Saloon (E90). 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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