

VIDEO TUTORIAL



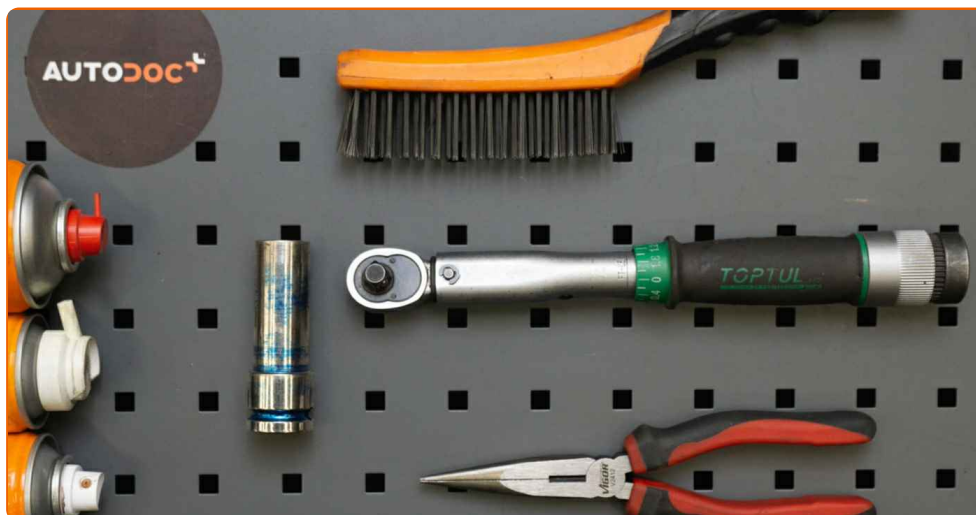
i Important!

This replacement procedure can be used for:

BMW 3 Saloon (E46) 318i 1.9, BMW 3 Saloon (E46) 328i 2.8, BMW 3 Saloon (E46) 320d 2.0, BMW 3 Saloon (E46) 323i 2.5, BMW 3 Saloon (E46) 320i 2.0, BMW 3 Coupe (E46) 323Ci 2.5, BMW 3 Coupe (E46) 328Ci 2.8, BMW 3 Saloon (E46) 316i 1.9, BMW 3 Touring (E46) 320i 2.0, BMW 3 Coupe (E46) 320Ci 2.0, BMW 3 Coupe (E46) 318Ci 1.9, BMW 3 Touring (E46) 318i 1.9, BMW 3 Touring (E46) 328i 2.8, BMW 3 Touring (E46) 320d 2.0, BMW 3 Saloon (E46) 330d 2.9, (+ 43)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PAD WEAR SENSOR – BMW E46 TOURING. TOOLS YOU'LL NEED:



- Wire brush
- Brake cleaner
- Electronic spray
- Copper grease
- Torque wrench
- Wheel impact socket #17
- Round-nose pliers
- Wheel chock

BUY TOOLS

Replacement: brake pad wear sensor – BMW E46 Touring. AUTODOC experts recommend:

- The replacement procedure is identical for both brake pad wear sensors on the same axle.
- Please note: all work on the car – BMW E46 Touring – should be done with the engine switched off.

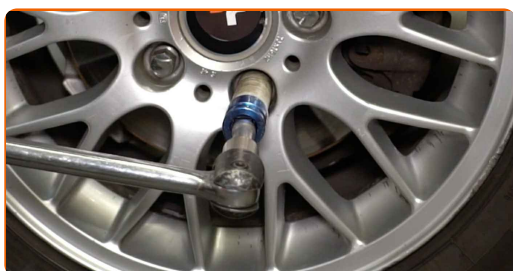
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 1 Open the bonnet. Unscrew the brake fluid reservoir cap.



- 2 Secure the wheels with chocks.

- 3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



- 4 Lift the car using a jack or place it over an inspection pit.



5

Unscrew the wheel bolts.

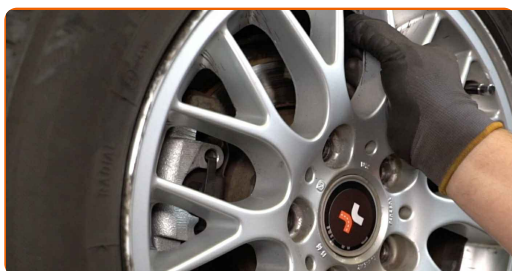


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
BMW E46 Touring

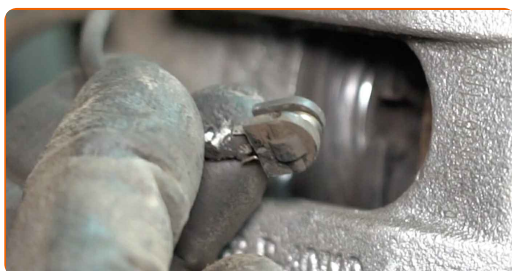
6

Remove the wheel.



7

Remove the brake pad wear sensor from the brake pad. Use round-nose pliers.



8

Disconnect the brake pad wear sensor wire.

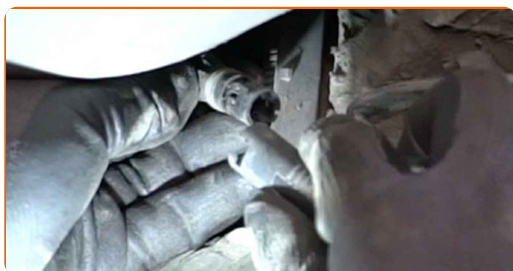
9

Open the cover of the wiring housing.



10

Detach the connector of the brake pad wear sensor.



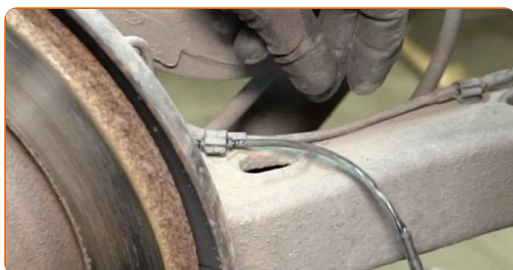
11

Install the wear sensor on the brake pads. Use round-nose pliers.



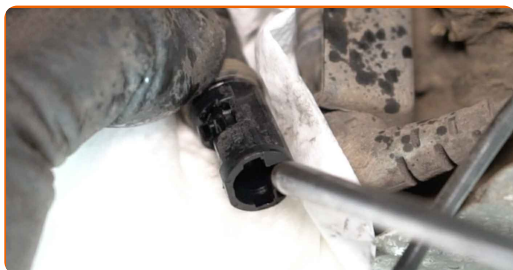
12

Connect the brake pad wear sensor wire.

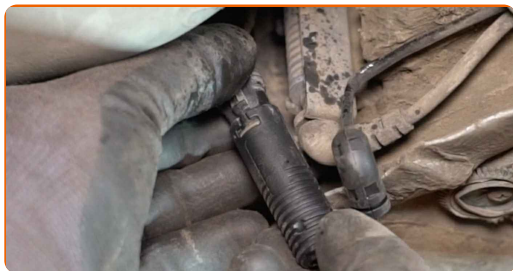


13

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



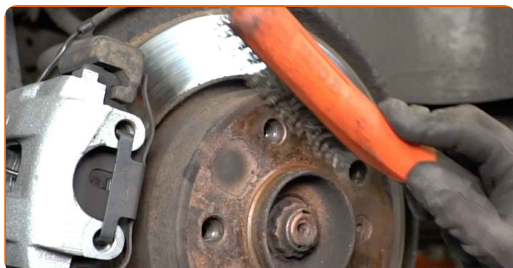
- 14 Attach the connector of the brake pad wear sensor.



- 15 Close the wiring housing cover.



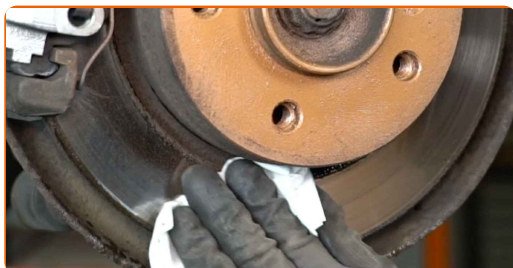
- 16 Clean the wheel rim mounting seat. Use a wire brush.



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



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

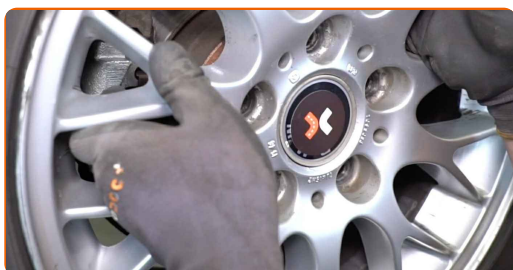


AUTODOC recommends:

- Replacement: brake pad wear sensor – BMW E46 Touring. After applying the spray, wait a few minutes.

19

Install the wheel.

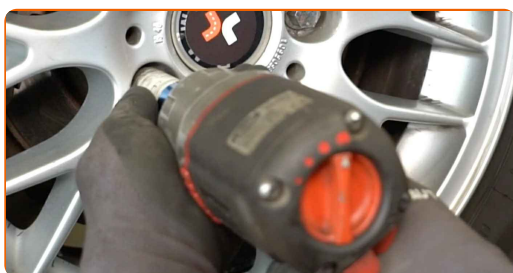


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW E46 Touring

20

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



21

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.



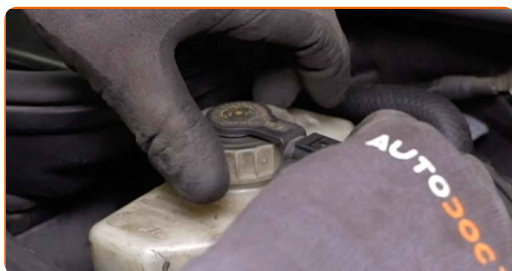
22

Remove the jacks and chocks.



23

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 👍

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BRAKE PAD WEAR SENSOR: A WIDE SELECTION