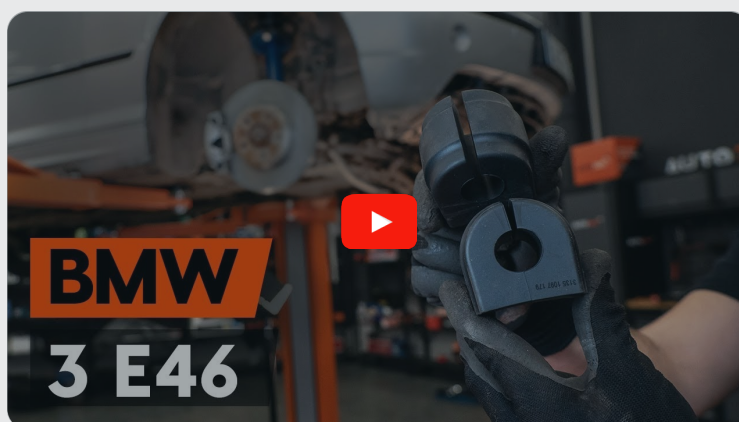


## VIDEO TUTORIAL



### ❗ 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, (+ 44)

The steps may slightly vary depending on the car design.

## REPLACEMENT: ANTI ROLL BAR BUSHES – BMW E46 TOURING. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

**BUY TOOLS**

### Replacement: anti roll bar bushes – BMW E46 touring. Tip:

- Both stabilizer bushes should be replaced simultaneously.
- The replacement procedure is identical for the right and left stabilizer bushes.
- All work should be done with the engine stopped.

## REPLACEMENT: ANTI ROLL BAR BUSHES – BMW E46 TOURING. 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.

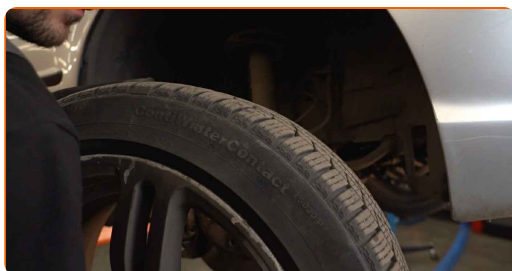


Replacement: anti roll bar bushes – BMW E46 touring. AUTODOC recommends:

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

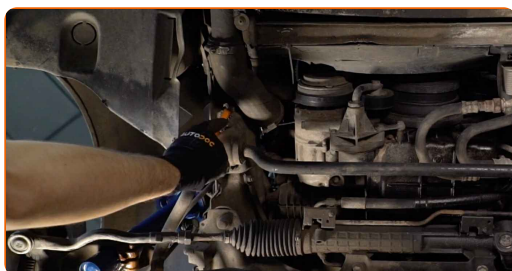
5

Remove the wheel.



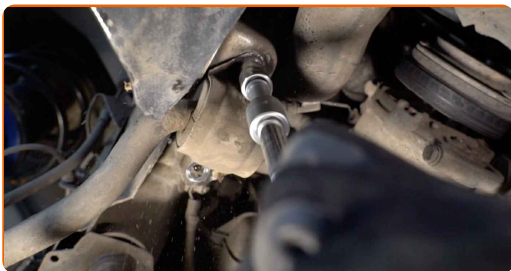
6

Clean the fasteners of the stabilizer bush brackets. Use a wire brush. Use WD-40 spray.



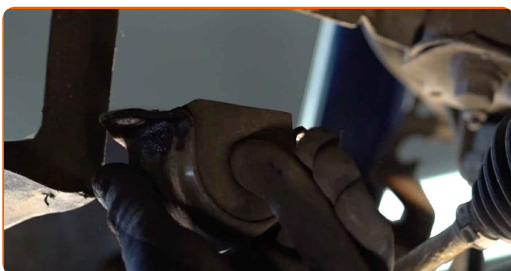
7

Unscrew the fasteners of the stabilizer bush brackets. Use a drive socket #16. Use a ratchet wrench.



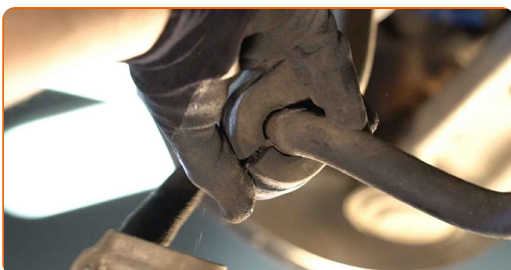
8

Remove the stabilizer bush brackets.



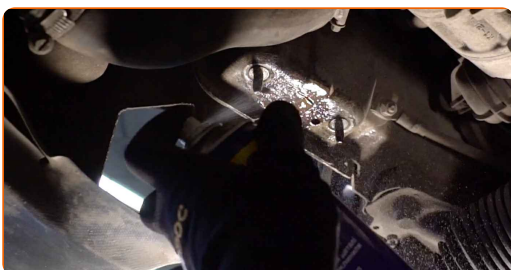
9

Remove the stabilizer bushes.



10

Clean the mounting seats of the stabilizer bushes. Use WD-40 spray.



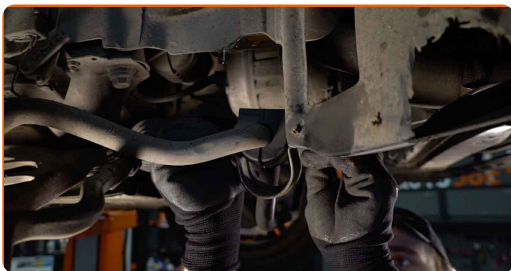
11

Install the new stabilizer bushes.



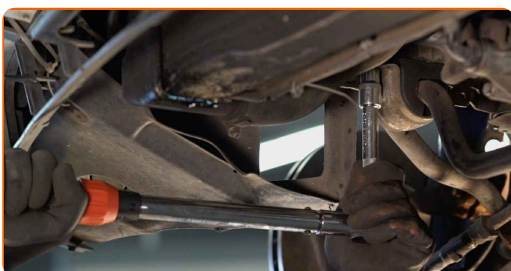
12

Install the stabilizer bush brackets.



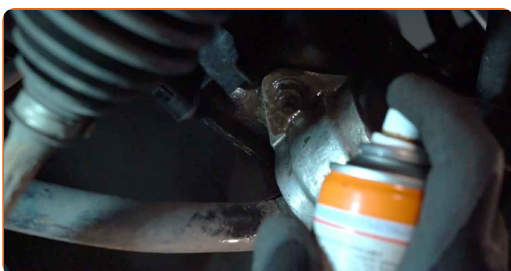
13

Screw the fasteners of the stabilizer bush brackets. Use a drive socket #16. Use a torque wrench. Tighten it to 28 nm torque.



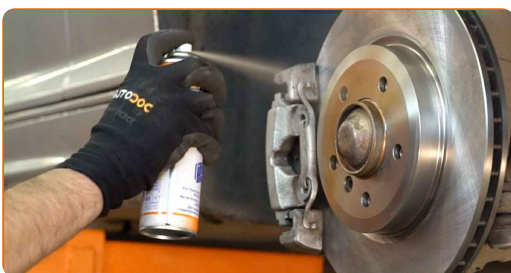
14

Treat the fasteners of the stabilizer bush brackets. Use copper grease.



15

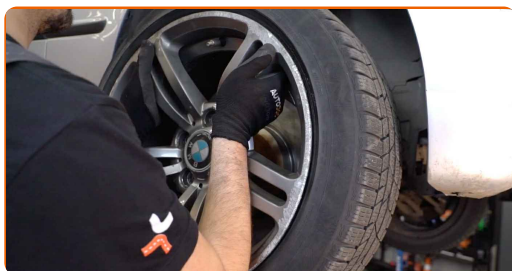
Treat the surface where the brake disc contacts the wheel rim. Use copper grease.





16

Install the wheel.



Replacement: anti roll bar bushes – BMW E46 touring. Tip from AUTODOC experts:

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

17

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



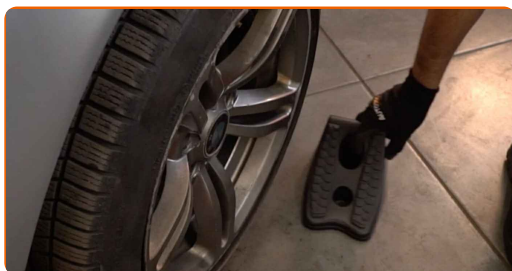
18

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



19

Remove the jacks and chocks.



**WELL DONE!** 👍

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