



How to change front anti
roll bar bushes on **BMW**
E46 convertible –
replacement guide

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, (+ 45)

The steps may slightly vary depending on the car design.

REPLACEMENT: ANTI ROLL BAR BUSHES – BMW E46 CONVERTIBLE. 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
- Phillips screwdriver
- Wheel chock

BUY TOOLS

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

- 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 CONVERTIBLE. RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



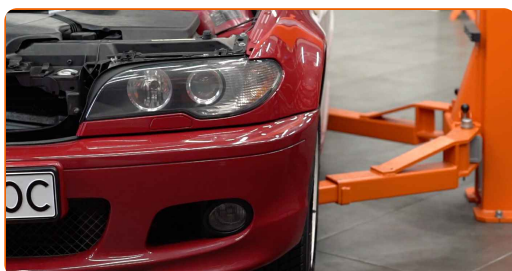
2

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

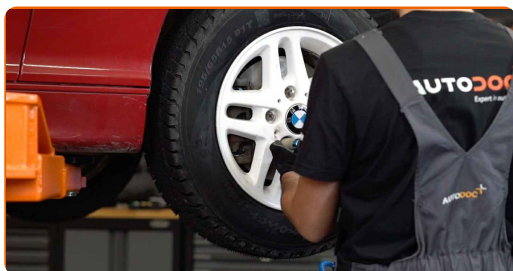


3

Raise the front of the car and secure on supports.



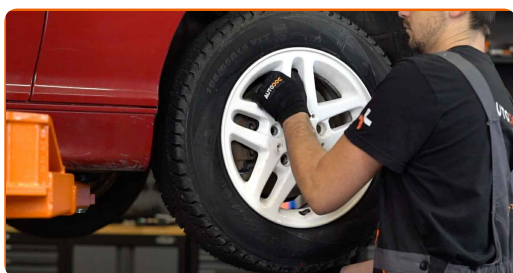
4 Unscrew the wheel bolts.



Replacement: anti roll bar bushes – BMW E46 convertible. Tip:

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

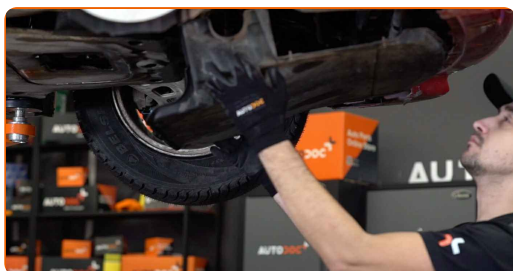
5 Remove the wheel.



6 Unscrew the fasteners of the lower sound insulation. Use a Phillips screwdriver.



7 Remove the lower sound insulation.

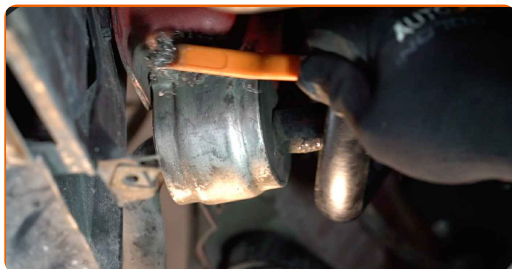


Please note!

- Some cars are not equipped with the lower sound insulation.

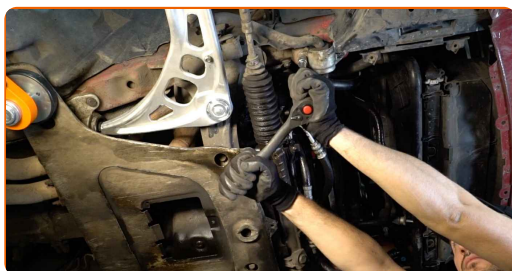
8

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



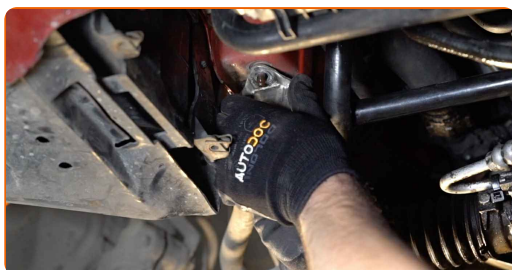
9

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



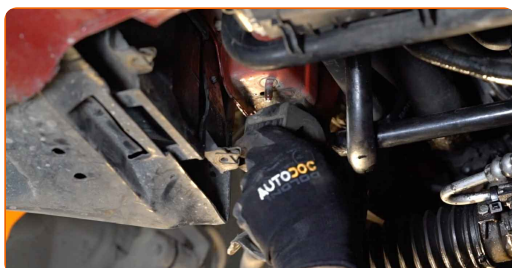
10

Remove the stabilizer bush brackets.

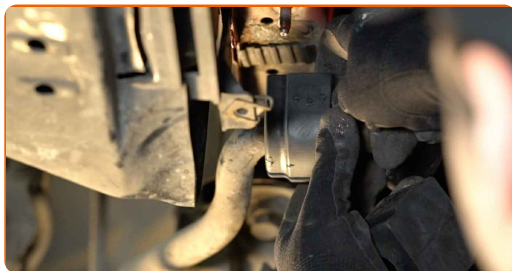


11

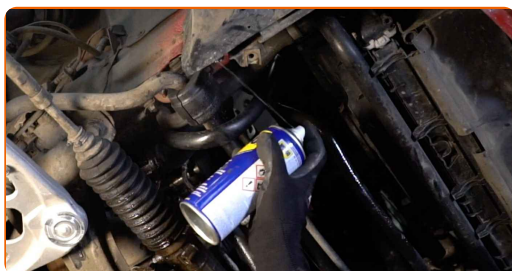
Remove the stabilizer bushes.



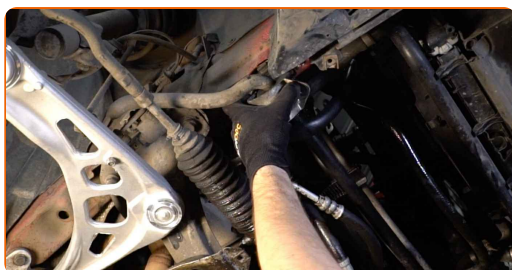
- 12** Install the new stabilizer bushes.



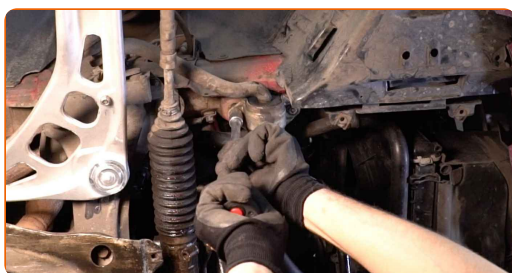
- 13** Clean the mounting seats of the stabilizer bushes. Use WD-40 spray.



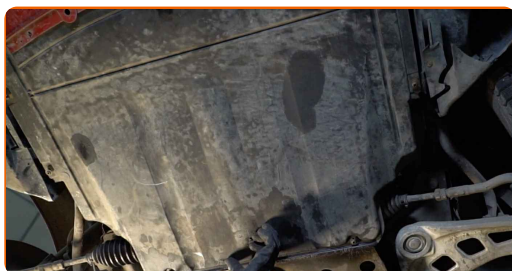
- 14** Install the stabilizer bush brackets.



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



- 16** Install the lower sound insulation.



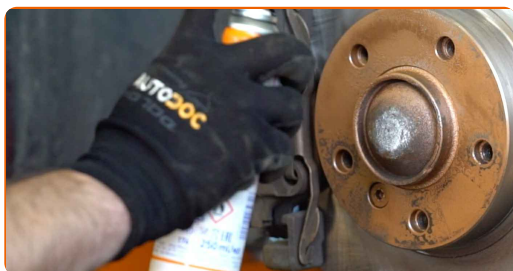
17

Screw in the fasteners of the lower sound insulation. Use a Phillips screwdriver.



18

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



19

Install the wheel.

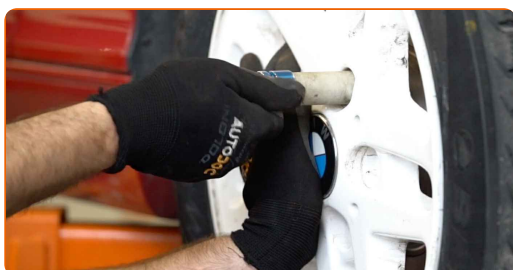


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. BMW E46 convertible

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 a torque wrench. Tighten it to 120 Nm torque.



22

Remove the jacks and chocks.



WELL DONE! 

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