



How to change front anti
roll bar links on **BMW Z4**
Roadster (E85) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

This replacement procedure can be used for:

BMW Z4 Roadster (E85) 3.0 i, BMW Z4 Roadster (E85) 2.5 i, BMW Z4 Roadster (E85) 2.2 i, BMW Z4 Roadster (E85) 2.0 i, BMW Z4 Roadster (E85) 2.5 si, BMW Z4 Roadster (E85) 3.0 si, BMW Z4 Roadster (E85) M

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 3 Touring (E46) 330d 3.0

REPLACEMENT: ANTI ROLL BAR LINKS – BMW Z4 ROADSTER (E85). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #17
- Drive socket # 17
- HEX bit no.H7
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Fender cover
- Wheel chock

[Buy tools](#)

AUTODOC recommends:

- Replace the stabiliser links on BMW Z4 Roadster (E85) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Warning! Shut down the engine before starting any work – BMW Z4 Roadster (E85).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Secure the wheels with chocks.



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



5 Raise the front of the car and secure on supports.

6

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW Z4 Roadster (E85)

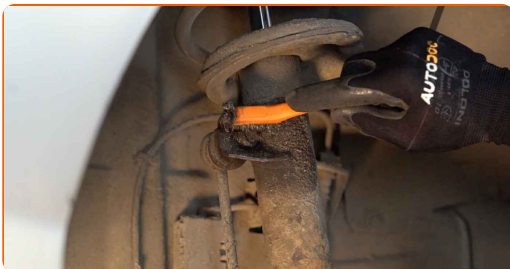
7

Remove the wheel.



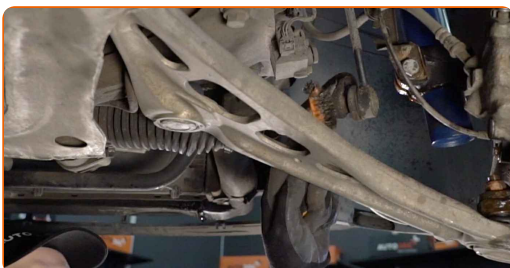
8.1

Clean the stabiliser link fasteners.



8.2

Use a wire brush. Use WD-40 spray.



- 9 Unscrew the fastener connecting the stabilizer link to the shock strut. Use HEX No.H7. Use a combination spanner #17. Use a ratchet wrench.



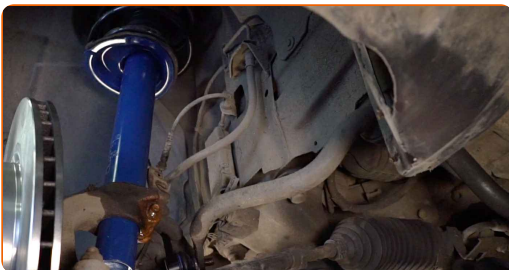
- 10 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use HEX No.H7. Use a combination spanner #17. Use a ratchet wrench.



- 11 Remove the stabilizer rod.



- 12 Install a new rod, tighten the fasteners.



- 13** Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a combination spanner #17. Use a torque wrench. Tighten it to 55 Nm torque.



- 14** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #17. Use a combination spanner #17. Use a torque wrench. Tighten it to 55 Nm torque.



- 15.1** Treat all joints of the stabiliser link.

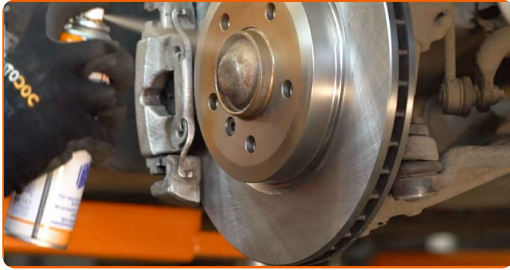


- 15.2** Use copper grease.



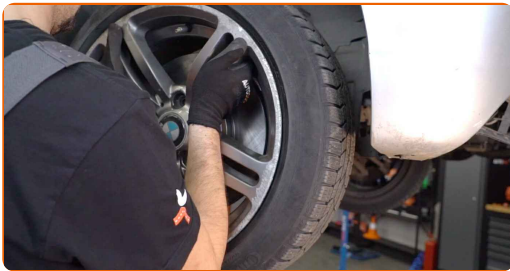
16

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



17

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW Z4 Roadster (E85)

18

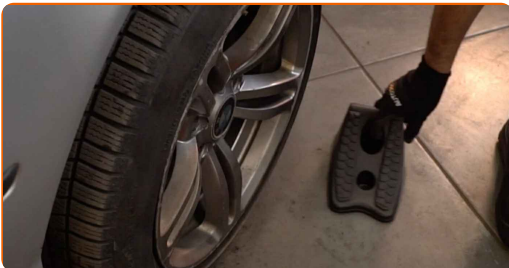
Screw in the wheel bolts. Use wheel impact socket #17.



- 19 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.



- 20 Remove the jacks and chocks.



- 21 Remove the fender protection cover.

- 22 Close the hood.

WELL DONE! 

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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