

## SIMILAR VIDEO TUTORIAL



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

### **Important!**

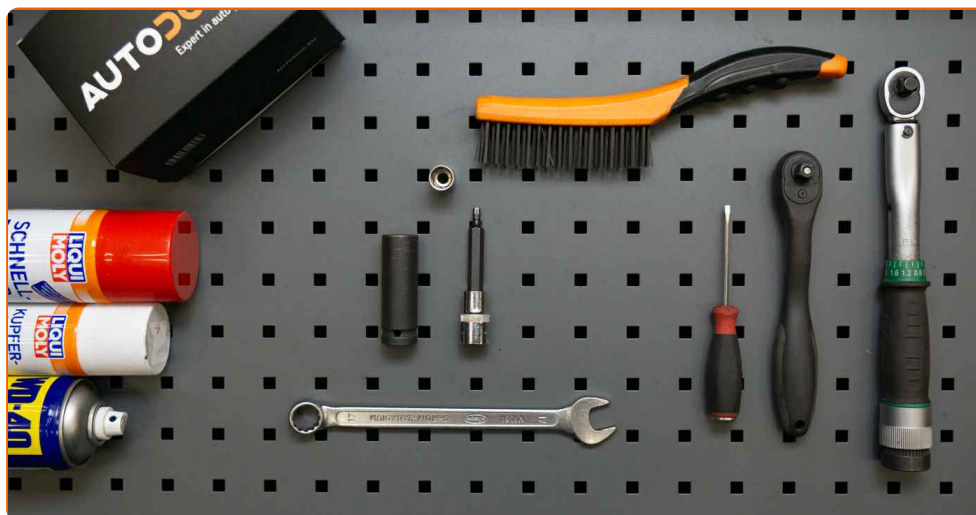
This replacement procedure can be used for:

BMW 3 Convertible (E93) 318i 2.0, BMW 3 Convertible (E93) 325d 3.0, BMW 3 Convertible (E93) 320i 2.0, BMW 3 Convertible (E93) 325i 3.0, BMW 3 Convertible (E93) 330i 3.0, BMW 3 Convertible (E93) 335i 3.0, BMW 3 Convertible (E93) 330d 3.0, BMW 3 Convertible (E93) 325i 2.5, BMW 3 Convertible (E93) 320d 2.0, BMW 3 Convertible (E93) M3, BMW 3 Convertible (E93) 323i 2.5

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 Saloon (E90) 318i 2.0

## REPLACEMENT: ANTI ROLL BAR LINKS – BMW 3 CONVERTIBLE (E93). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Combination spanner #17
- HEX bit No.H5.
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Torque wrench
- Wheel chock

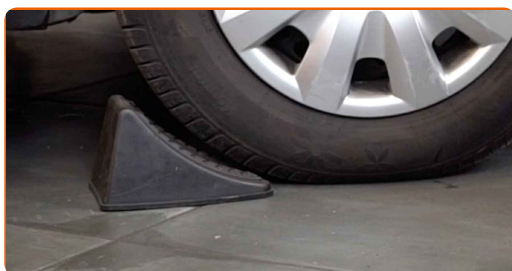
**Buy tools**

### AUTODOC recommends:

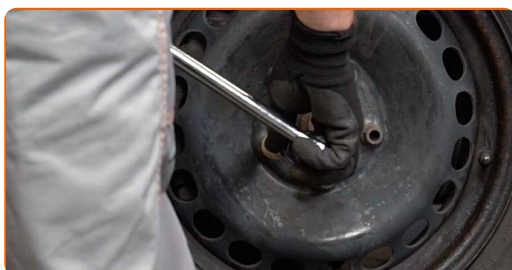
- Replace the stabiliser links on BMW 3 Convertible (E93) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – BMW 3 Convertible (E93) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 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.

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Unscrew the wheel bolts.

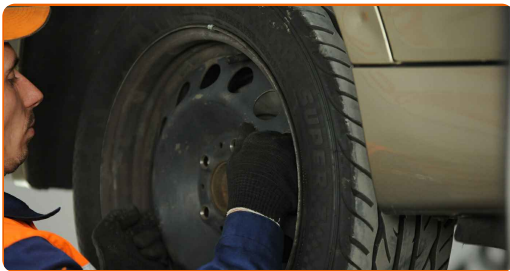


### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
BMW 3 Convertible (E93)

5

Remove the wheel.

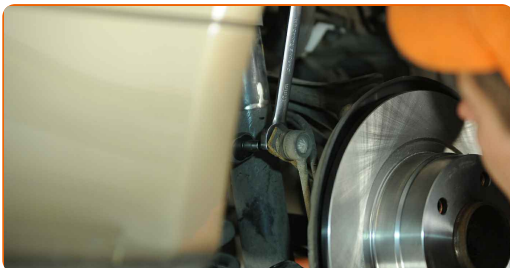


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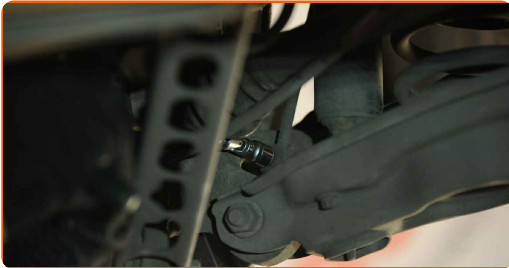
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

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Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use HEX No.H5. Use a ratchet wrench.



- 8** Unscrew the fastener connecting the stabilizer link to the control arm. Use a drive socket #13. Use a ratchet wrench. Use a flat screwdriver.



- 9** Remove the fastening bolt.

- 10** Remove the stabilizer rod.



Replacement: anti roll bar links – BMW 3 Convertible (E93). Tip from AUTODOC:

- Examine stabiliser bushes. Replace them if needed.

- 11** Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



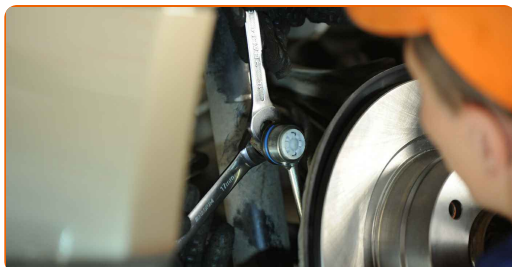
- 12** Install the transverse stabilizer link.



- 13** install the rod fastening to the stabilizer and tighten it. Use a drive socket #13. Use a torque wrench. Tighten it to 21 Nm torque.



- 14** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #17 (2 pieces). Use a torque wrench. Tighten it to 58 Nm torque.



- 15** Treat all joints of the stabiliser link. Use copper grease.

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



17

Clean the brake disk surface. Use a brake cleaner.

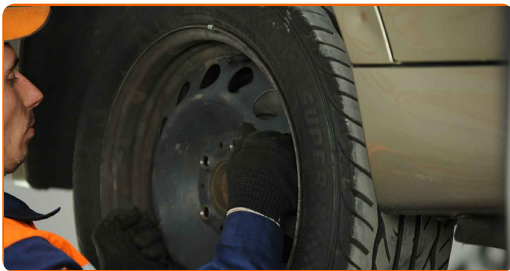


#### AUTODOC recommends:

- Replacement: anti roll bar links – BMW 3 Convertible (E93). After applying the spray, wait a few minutes.

18

Install the wheel.



#### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW 3 Convertible (E93)

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





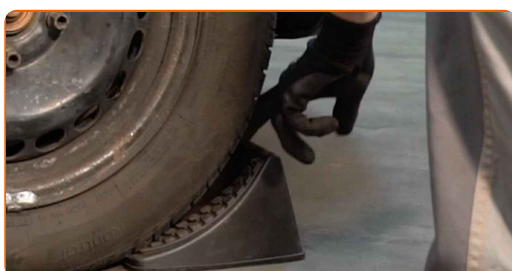
20

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.



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Remove the jacks and chocks.



**WELL DONE!** 

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