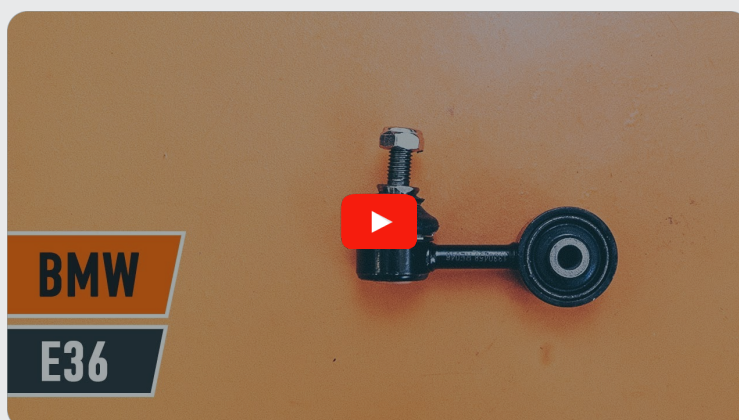


## SIMILAR VIDEO TUTORIAL



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

### **Important!**

This replacement procedure can be used for:

BMW 3 Saloon (E30) 316 1.8 Ecotronic, BMW 3 Saloon (E30) 316i 1.6, BMW 3 Saloon (E30) 318i 1.8, BMW 3 Saloon (E30) 318is 1.8, BMW 3 Saloon (E30) 320i 2.0 (M20B20 (206KA)), BMW 3 Saloon (E30) 320i 2.0, BMW 3 Saloon (E30) 323i 2.3, BMW 3 Saloon (E30) 325i X 2.5, BMW 3 Saloon (E30) 325i 2.5, BMW 3 Saloon (E30) 325 e 2.7, BMW 3 Saloon (E30) 324d 2.4, BMW 3 Saloon (E30) 324td 2.4, BMW 3 Saloon (E30) 316 1.8, BMW 3 Saloon (E30) 315 1.6, BMW 3 Saloon (E30) 316i 1.8, (+ 1)

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 (E36) 323i 2.5

## REPLACEMENT: ANTI ROLL BAR LINKS – BMW 3 SALOON (E30). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #16
- Combination spanner #17
- Drive socket # 13
- Drive socket # 16
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

### AUTODOC recommends:

- Replace the stabiliser links on BMW 3 Saloon (E30) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – BMW 3 Saloon (E30) – 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.

**4** Unscrew the wheel bolts.



### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
BMW 3 Saloon (E30)

5

Remove the wheel.



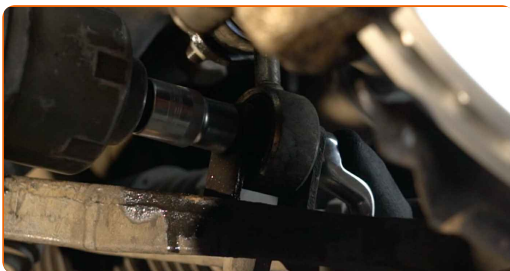
6

Clean all joints of the stabiliser link. Use a wire brush. Use WD-40 spray.



7

Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #13. Use a drive socket #13. Use a ratchet wrench.



8

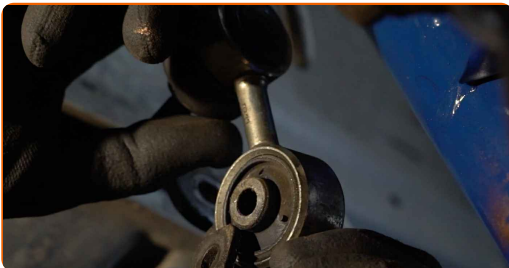
Remove the fastening bolt.



- 9 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 10 Remove the stabilizer rod.



Replacement: anti roll bar links – BMW 3 Saloon (E30). AUTODOC experts recommend:

- Examine the stabiliser bushes. Replace them if necessary.

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

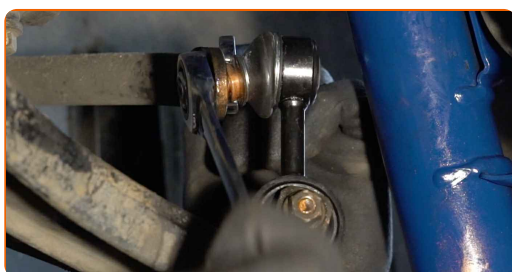


- 12** Install the transverse stabilizer link.

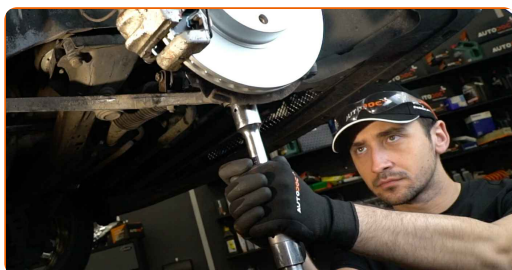


- 13** Install the fastening bolt.

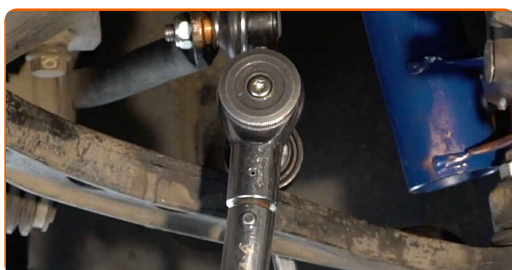
- 14** Tighten the stabiliser link fastener. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



- 15** Support the arm. Use a hydraulic transmission jack.

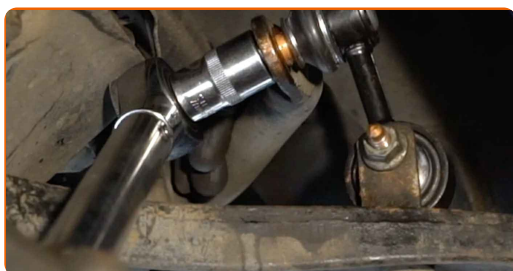


- 16** Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 42 Nm torque.

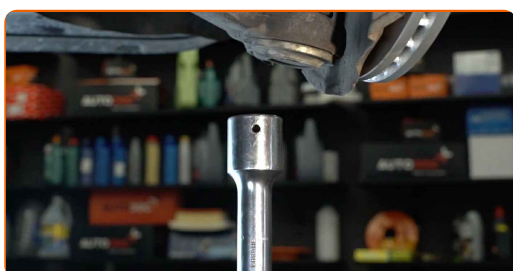




- 17** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 59 Nm torque.



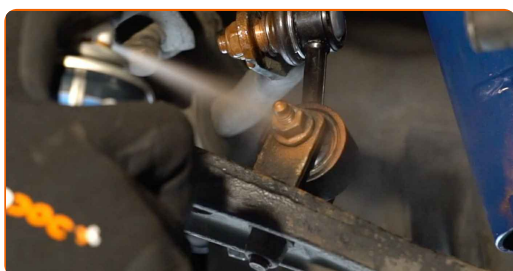
- 18** Remove the support from under the arm.



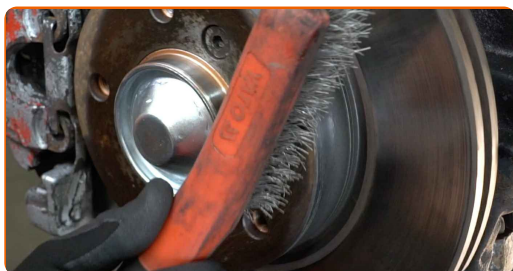
### AUTODOC recommends:

- Replacement: anti roll bar links – BMW 3 Saloon (E30). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

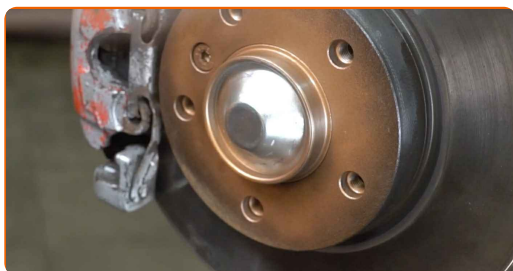
- 19** Treat all joints of the stabiliser link. Use copper grease.



20 Clean the wheel rim mounting seat. Use a wire brush.



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



22 Clean the brake disk surface. Use a brake cleaner.



### AUTODOC recommends:

- Replacement: anti roll bar links – BMW 3 Saloon (E30). After applying the spray, wait a few minutes.

23 Install the wheel.





### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW 3 Saloon (E30)

24

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



25

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.



26

Remove the jacks and chocks.



**WELL DONE!** 

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