



How to change rear anti  
roll bar links on  
**MERCEDES-BENZ E-  
Class T-modell (S212) –  
replacement guide**

### 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:

MERCEDES-BENZ E-Class T-modell (S212) E 350 (212.256), MERCEDES-BENZ E-Class T-modell (S212) E 63 AMG (212.274), MERCEDES-BENZ E-Class T-modell (S212) E 350 CDI (212.223), MERCEDES-BENZ E-Class T-modell (S212) E 350 CDI 4-matic (212.293), MERCEDES-BENZ E-Class T-modell (S212) E 500 4-matic (212.291), MERCEDES-BENZ E-Class T-modell (S212) E 500 (212.273), MERCEDES-BENZ E-Class T-modell (S212) E 350 (212.259), MERCEDES-BENZ E-Class T-modell (S212) E 350 4-matic (212.288, 212.287), MERCEDES-BENZ E-Class T-modell (S212) E 250 CDI / BlueTEC 4-matic (212.282, 212.297), MERCEDES-BENZ E-Class T-modell (S212) E 300 4-matic (212.280), MERCEDES-BENZ E-Class T-modell (S212) E 300 (212.255), MERCEDES-BENZ E-Class T-modell (S212) E 200 CDI / BlueTEC (212.205, 212.206), MERCEDES-BENZ E-Class T-modell (S212) E 220 CDI / BlueTEC (212.202, 212.201), MERCEDES-BENZ E-Class T-modell (S212) E 250 CDI / BlueTEC (212.203, 212.204), MERCEDES-BENZ E-Class T-modell (S212) E 350 CDI (212.225), (+ 28)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ C-Class Saloon (W204) C 220 CDI (204.008)

REPLACEMENT: ANTI ROLL BAR LINKS – MERCEDES-BENZ E-CLASS T-MODELL (S212). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #17
- Combination spanner #22
- Drive socket # 13
- Torx bit E12
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the stabiliser links on MERCEDES-BENZ E-Class T-modell (S212) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – MERCEDES-BENZ E-Class T-modell (S212) – 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.



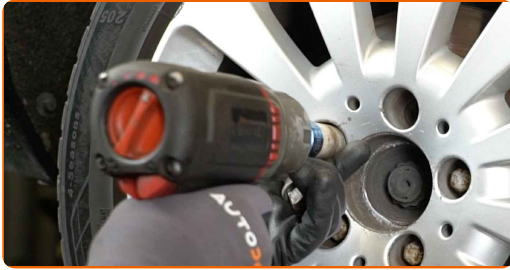
**3** Raise the car.

**Replacement: anti roll bar links – MERCEDES-BENZ E-Class T-modell (S212).  
AUTODOC experts recommend:**

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ E-Class T-modell (S212)

5

Remove the wheel.



6

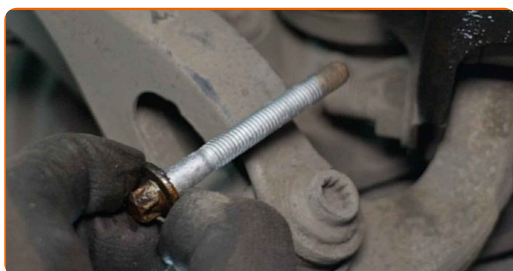
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



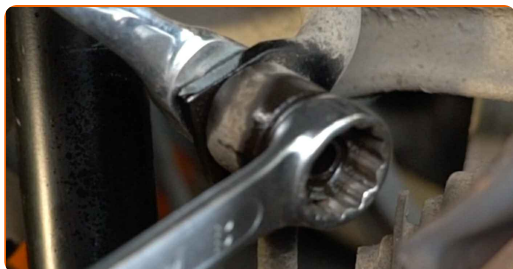
- 7 Unscrew the fastener connecting the stabilizer link to the control arm. Use a drive socket #13. Use Torx E12. Use a ratchet wrench.



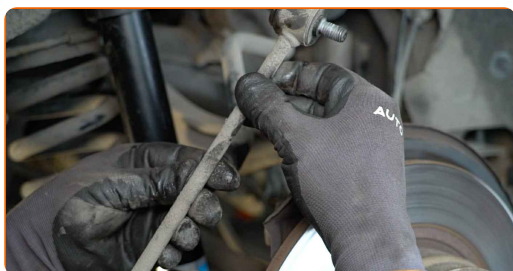
- 8 Remove the fastening bolt.



- 9 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a combination spanner #22.



- 10 Remove the stabilizer rod.



**AUTODOC recommends:**

- Examine stabiliser bushes. Replace them if needed.

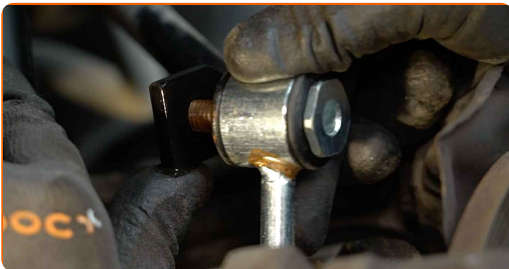
**11**

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



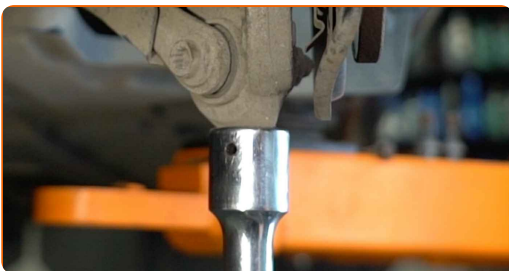
**12**

Install the transverse stabilizer link.



**13**

Support the rear knuckle. Use a hydraulic transmission jack.



**Replacement: anti roll bar links – MERCEDES-BENZ E-Class T-modell (S212).  
AUTODOC recommends:**

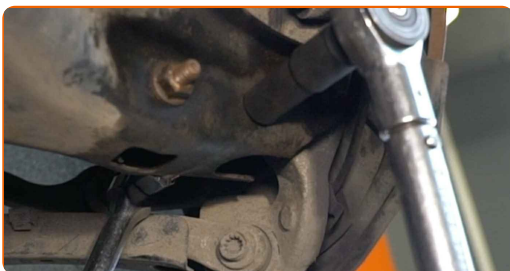
- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.



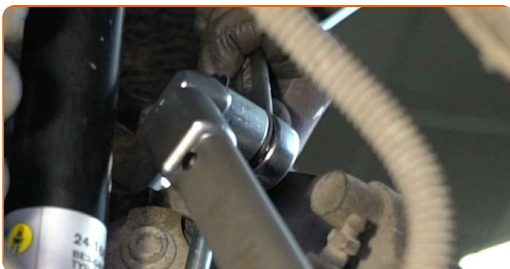
**14** Install the fastening bolt.



**15** Tighten the fastener connecting the sway bar link to the suspension arm. Use a drive socket #13. Use Torx E12. Use a torque wrench. Tighten it to 20 Nm torque.+180°



**16** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #17. Use a combination spanner #22. Use a torque wrench. Tighten it to 50 Nm torque.



**17** Remove the support from under the rear knuckle.



**AUTODOC recommends:**

- Replacement: anti roll bar links – MERCEDES-BENZ E-Class T-modell (S212). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**18**

Treat all joints of the stabiliser link. Use copper grease.



**19**

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



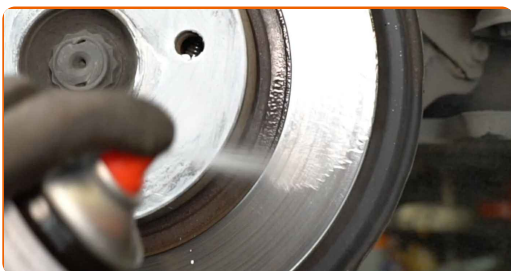
**20**

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



21

Clean the brake disk surface. Use a brake cleaner.

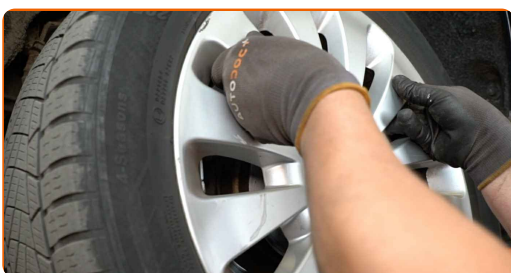


**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

22

Install the wheel.

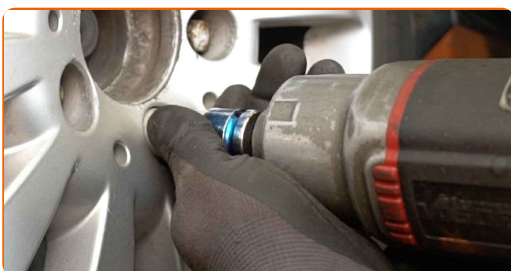


**AUTODOC recommends:**

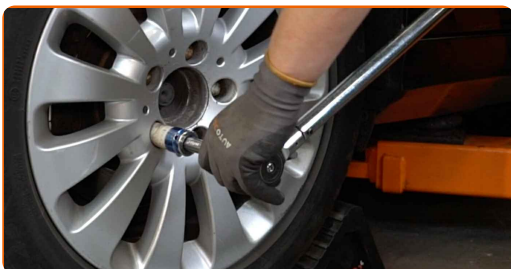
- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ E-Class T-modell (S212)

23

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



- 24 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 130 Nm torque.



- 25 Remove the jacks and chocks.



**WELL DONE!** 

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