



How to change front anti
roll bar links on **BMW**
E60 – replacement guide

VIDEO TUTORIAL



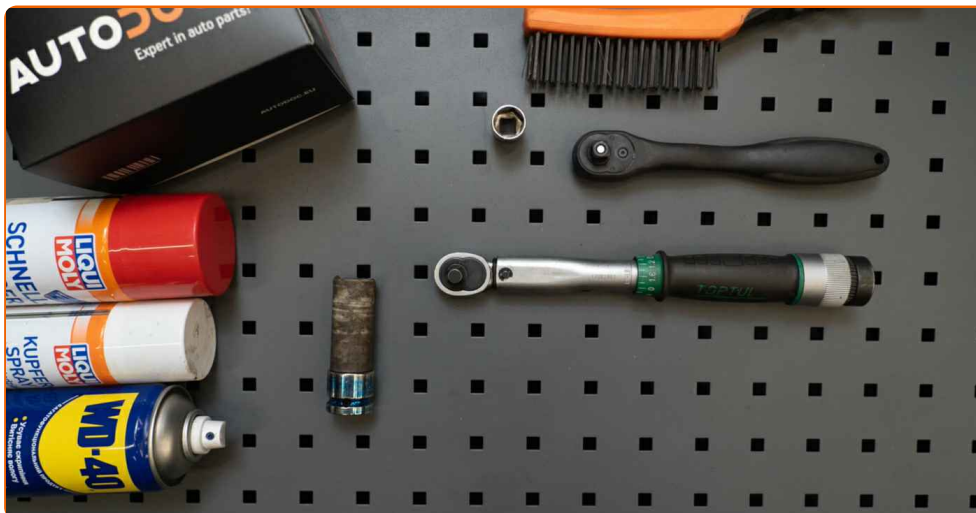
i Important!

This replacement procedure can be used for:

BMW 5 Saloon (E60) 520i 2.2, BMW 5 Saloon (E60) 530i 3.0, BMW 5 Saloon (E60) 530d 3.0, BMW 5 Saloon (E60) 525i 2.5, BMW 5 Saloon (E60) 545i 4.4, BMW 5 Touring (E61) 525i 2.5, BMW 5 Touring (E61) 545i 4.4, BMW 5 Touring (E61) 530d 3.0, BMW 5 Saloon (E60) 525d 2.5, BMW 5 Touring (E61) 525d 2.5, BMW 5 Saloon (E60) M5, BMW 5 Saloon (E60) 535d 3.0, BMW 5 Touring (E61) 535d 3.0, BMW 5 Touring (E61) 530i 3.0, BMW 5 Saloon (E60) 523i 2.5, (+ 15)

The steps may slightly vary depending on the car design.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW E60. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

BUY TOOLS

Replacement: anti roll bar links – BMW E60. AUTODOC recommends:

- Replace the stabiliser links on BMW E60 in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – BMW E60 – 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.

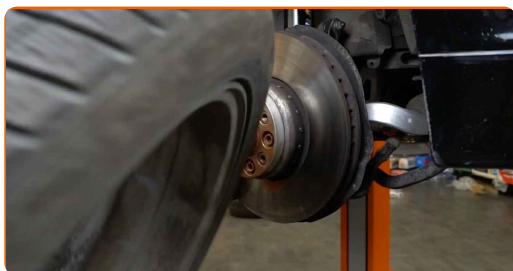


Replacement: anti roll bar links – BMW E60. Tip:

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

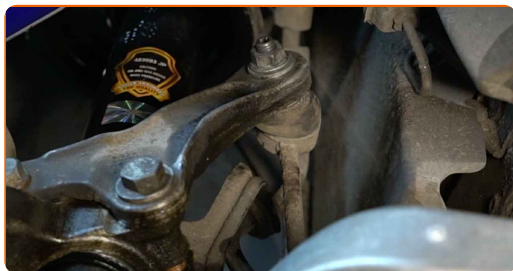
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Remove the wheel.



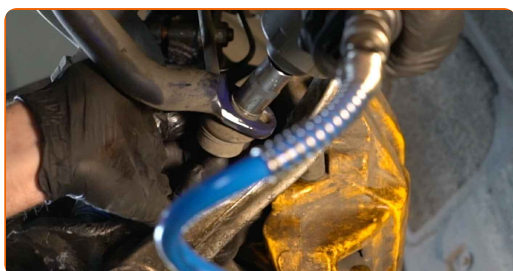
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Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

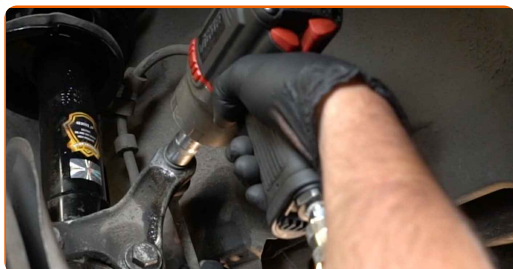


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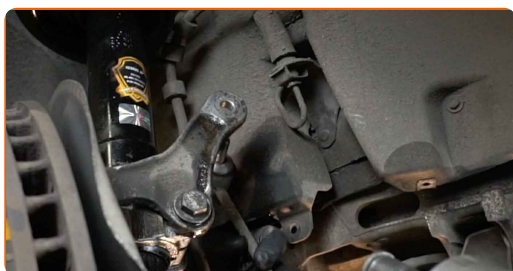
Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #16. Use a ratchet wrench.



- 8 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a ratchet wrench.



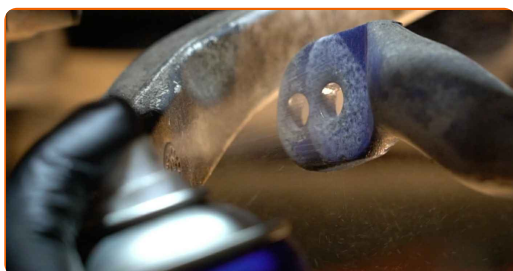
- 9 Remove the stabilizer rod.



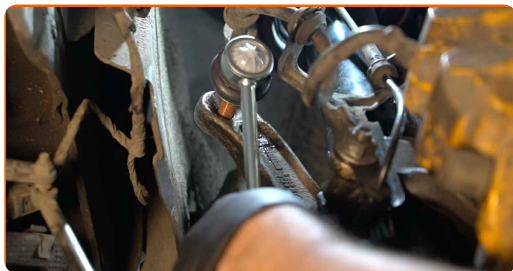
Replacement: anti roll bar links – BMW E60. AUTODOC experts recommend:

- Examine stabiliser bushes. Replace them if needed.

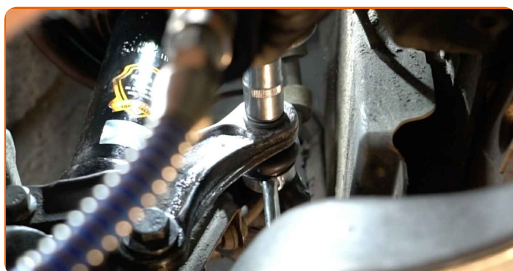
- 10 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



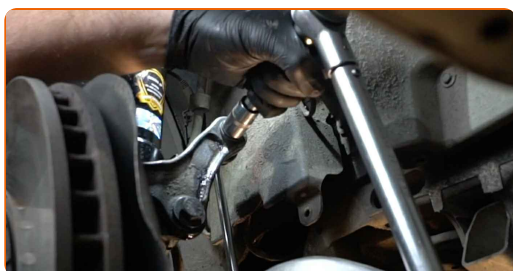
- 11 Install the transverse stabilizer link.



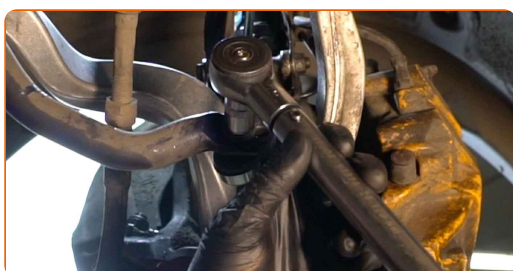
- 12 Tighten the stabiliser link fastener. Use a drive socket #16. Use a ratchet wrench.



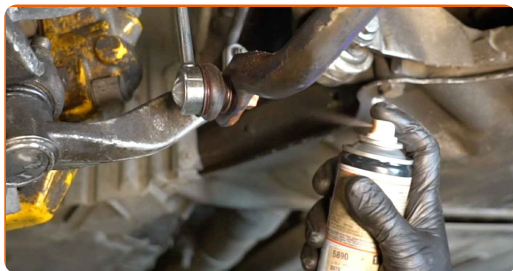
- 13 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a torque wrench. Tighten it to 65 Nm torque.



- 14 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #16. Use a torque wrench. Tighten it to 65 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.



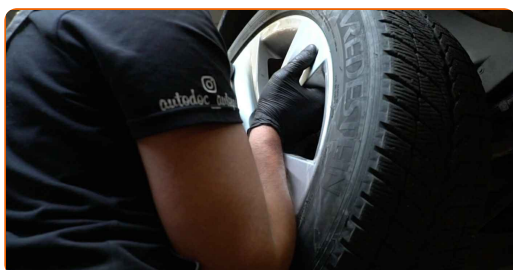
- 17 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – BMW E60. After applying the spray, wait a few minutes.

- 18 Install the wheel.



Replacement: anti roll bar links – BMW E60. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



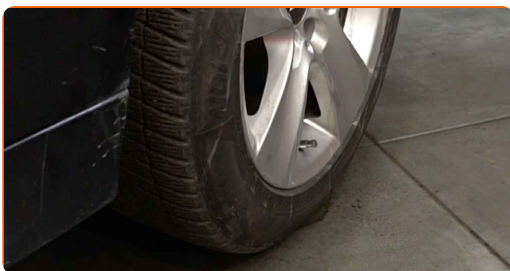
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Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



21

Remove the jacks and chocks.



WELL DONE! 

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