



How to change rear anti
roll bar links on **BMW 5**
Touring (E61) –
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:

BMW 5 Touring (E61) 525i 2.5, BMW 5 Touring (E61) 545i 4.4, BMW 5 Touring (E61) 530d 3.0, BMW 5 Touring (E61) 525d 2.5, BMW 5 Touring (E61) 535d 3.0, BMW 5 Touring (E61) 530i 3.0, BMW 5 Touring (E61) 523i 2.5, BMW 5 Touring (E61) 550i 4.8, BMW 5 Touring (E61) 530xd 3.0, BMW 5 Touring (E61) 525xi 2.5, BMW 5 Touring (E61) 530xi 3.0, BMW 5 Touring (E61) 520d 2.0, BMW 5 Touring (E61) 525d 3.0, BMW 5 Touring (E61) 525i 3.0, BMW 5 Touring (E61) 525xi 3.0, (+ 10)

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 5 Saloon (E60) 525d 2.5

REPLACEMENT: ANTI ROLL BAR LINKS – BMW 5 TOURING (E61). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Combination spanner #16
- Combination spanner #17
- Combination spanner #18
- Drive socket # 15
- Drive socket # 16
- HEX bit no.H6.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

Buy tools

Replacement: anti roll bar links – BMW 5 Touring (E61). AUTODOC experts recommend:

- Replace the stabiliser links on BMW 5 Touring (E61) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW 5 TOURING (E61). RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



2

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

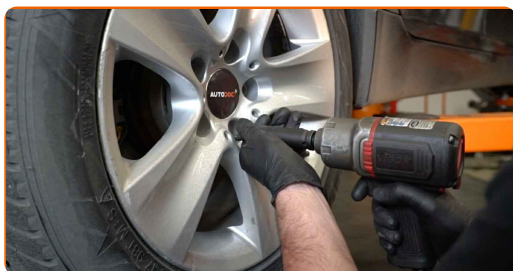


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW 5 Touring (E61)

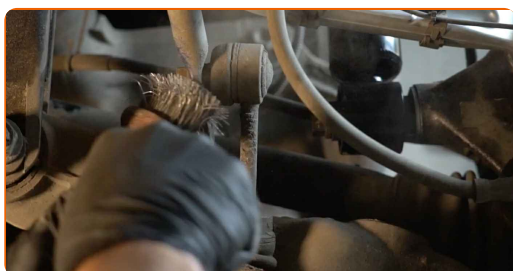
5

Remove the wheel.

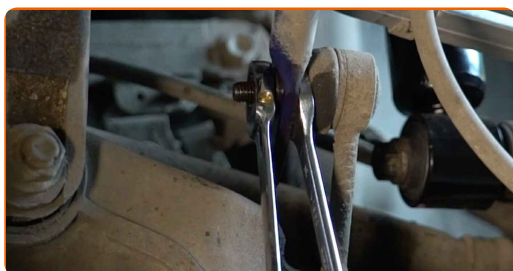


6

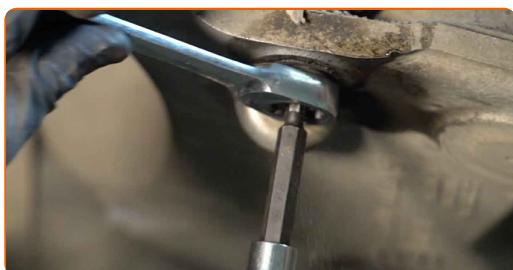
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



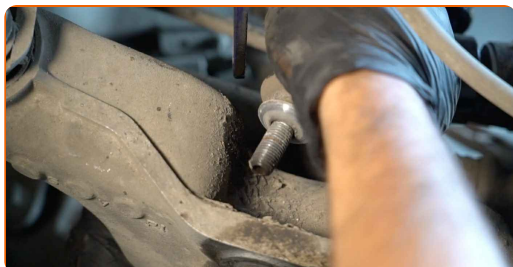
- 7** Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #15. Use a combination spanner #16.



- 8** Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #18. Use HEX No.H6. Use a ratchet wrench.



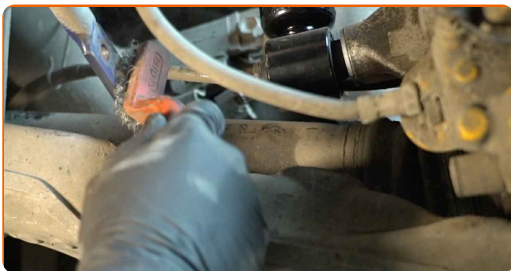
- 9** Remove the stabilizer rod.



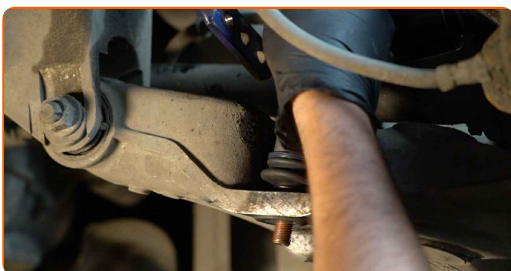
Replacement: anti roll bar links – BMW 5 Touring (E61). Tip from AUTODOC experts:

- Examine stabiliser bushes. Replace them if needed.

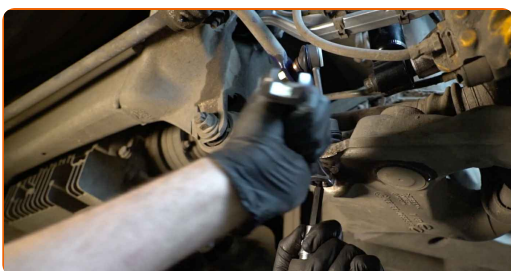
10 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



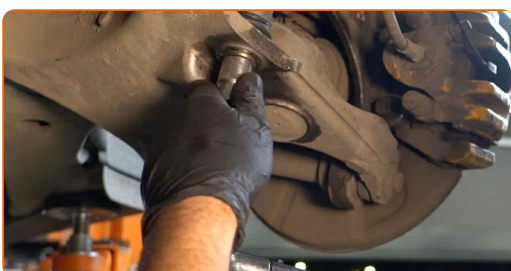
11 Install the transverse stabilizer link.



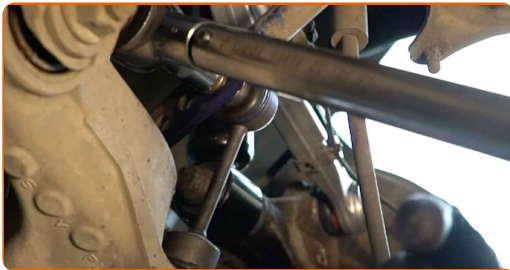
12 Tighten the stabiliser link fastener. Use a combination spanner #15. Use a combination spanner #17. Use a combination spanner #18. Use HEX No.H6. Use a ratchet wrench.



13 Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



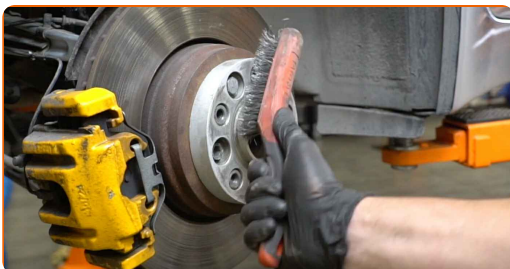
- 14** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #16. Use a torque wrench. Tighten it to 65 Nm torque.



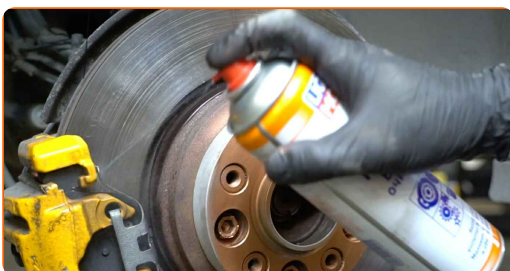
- 15** Treat all joints of the stabiliser link. Use copper grease.



- 16** Clean the wheel rim mounting seat. Use a wire brush. 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 5 Touring (E61). After applying the spray, wait a few minutes.

18

Install the wheel.

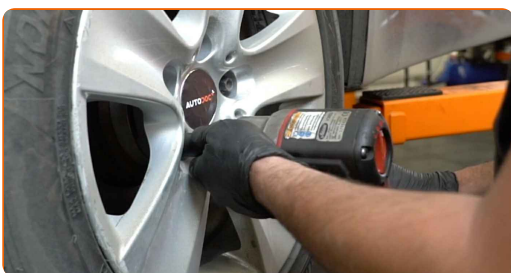


Replacement: anti roll bar links – BMW 5 Touring (E61). AUTODOC experts recommend:

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

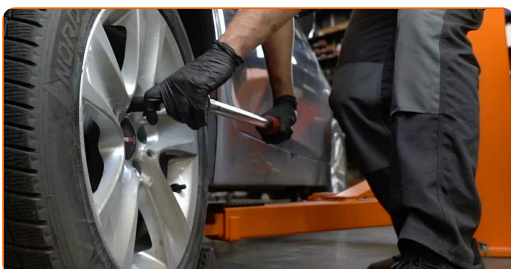
19

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.



21

Remove the jacks and chocks.



WELL DONE! 

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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