

VIDEO TUTORIAL



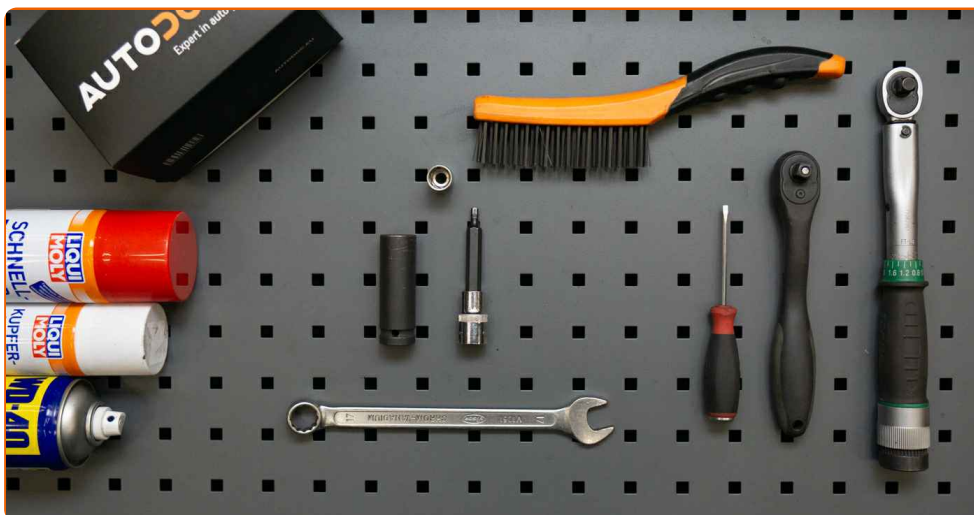
i Important!

This replacement procedure can be used for:

BMW 3 Touring (E91) 325i 3.0, BMW 3 Touring (E91) 318d 2.0, BMW 3 Saloon (E90) 318d 2.0, BMW 1 Coupe (E82) M, BMW 3 Touring (E91) 318i 2.0, BMW 3 Touring (E91) 316d 2.0, BMW 3 Saloon (E90) 320d xDrive 2.0, BMW 1 Coupe (E82) 118d 2.0, BMW 3 Coupe (E92) 318i 2.0, BMW 3 Convertible (E93) 318i 2.0, BMW 3 Convertible (E93) 325d 3.0, BMW 1 Hatchback (E81) 116i 1.6, BMW 1 Hatchback (E81) 120d 2.0, BMW 3 Saloon (E90) 320i 2.0, BMW 3 Saloon (E90) 325i 2.5, (+ 114)

The steps may slightly vary depending on the car design.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW E90. 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 E90 in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – BMW E90 – 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.

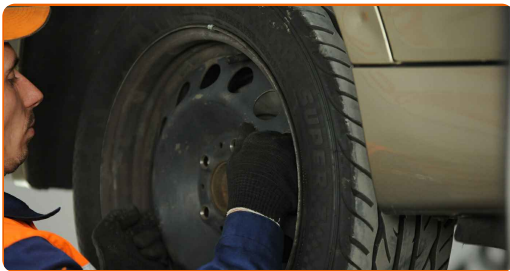


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
BMW E90

5

Remove the wheel.

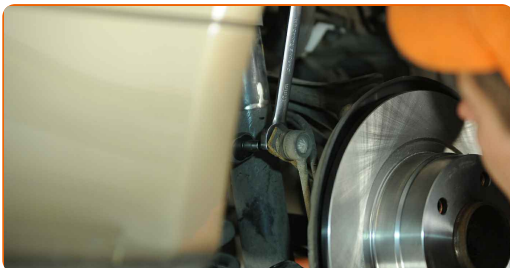


6

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

7

Unscrew the fastener connecting the stabilizer link to the 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.

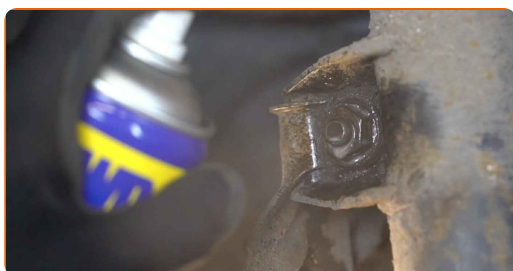
- 10** Remove the stabilizer rod.



Replacement: anti roll bar links – BMW E90. 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.



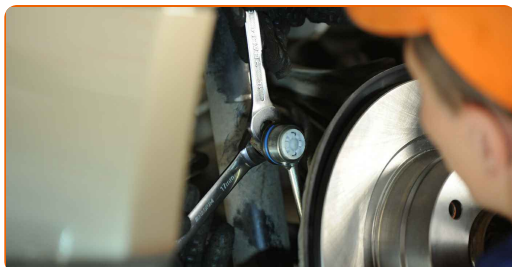
- 12** Install the transverse stabilizer link.



- 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.

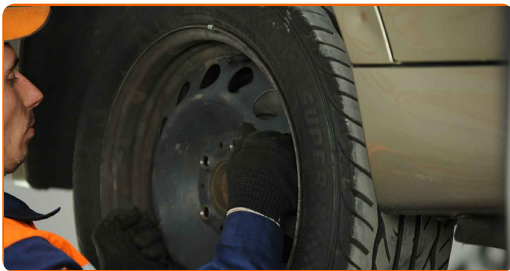


AUTODOC recommends:

- Replacement: anti roll bar links – BMW E90. 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 E90

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



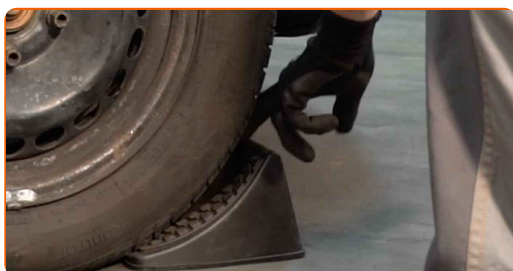
20

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.



21

Remove the jacks and chocks.



WELL DONE! 👍

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