



How to change front anti  
roll bar links on **FIAT 500**  
**Hatchback (312)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

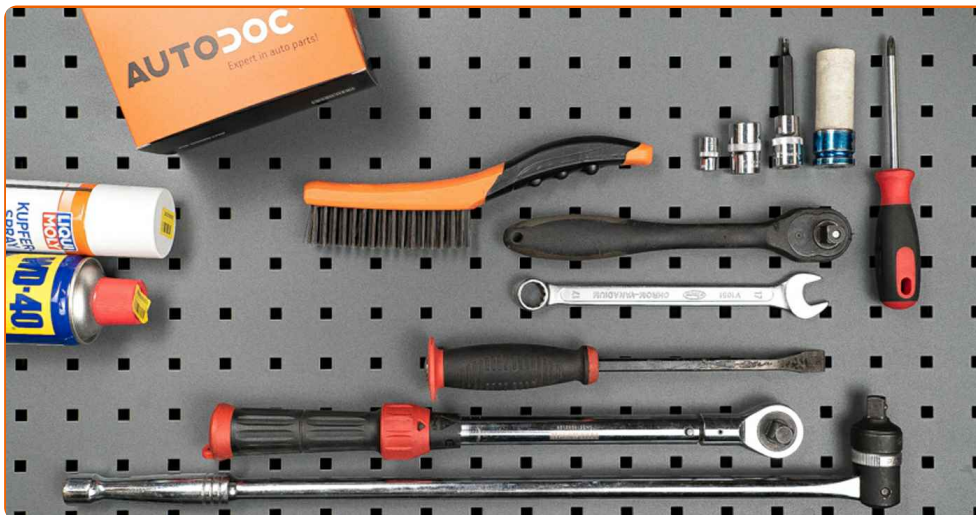
This replacement procedure can be used for:

FIAT 500 Hatchback (312) 0.9, FIAT 500 Hatchback (312) 1.2 LPG, FIAT 500 Hatchback (312) 1.2, FIAT 500 Hatchback (312) 1.4, FIAT 500 Hatchback (312) 1.3 D Multijet, FIAT 500 Hatchback (312) 1.4 Flex, FIAT 500 Hatchback (312) ELECTRIC, FIAT 500 Hatchback (312) 1.4 Turbo

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: FIAT BRAVO II (198) 1.6 D Multijet

REPLACEMENT: ANTI ROLL BAR LINKS – FIAT 500 HATCHBACK (312). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- HEX bit No.H5
- Combination spanner #17
- Drive socket # 10
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Phillips Screwdriver
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the stabiliser links on FIAT 500 Hatchback (312) 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 – FIAT 500 HATCHBACK (312). RECOMMENDED SEQUENCE OF STEPS:**

**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.

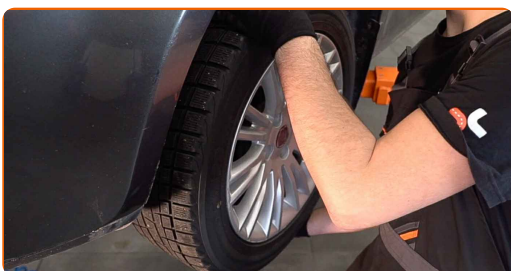
**4** Unscrew the wheel bolts.



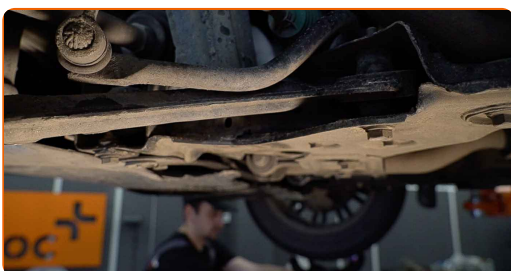
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
FIAT 500 Hatchback (312)

**5** Remove the wheel.



**6** Chock the opposite wheel. Use a hydraulic transmission jack.



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



- 8 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #17. Use a ratchet wrench.



- 9 Unscrew and remove the wheel arch cover fasteners. Use a drive socket #10. Use a ratchet wrench. Use a Phillips screwdriver.



- 10 Remove the wheel arch cover.



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





- 12** Unscrew the fasteners connecting the stabiliser link to the stabiliser bar. Use HEX No.H5. Use a combination spanner #17. Use a ratchet wrench.



- 13** Remove the stabilizer rod.



Replacement: anti roll bar links – FIAT 500 Hatchback (312). Professionals recommend:

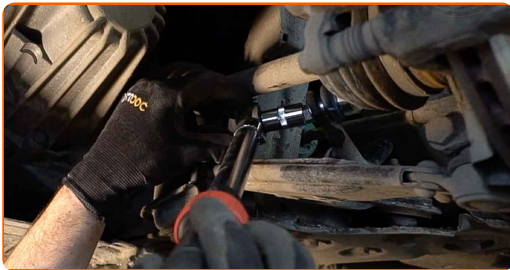
- Examine stabiliser bushes. Replace them if needed.

- 14** Install a new rod, tighten the fasteners.



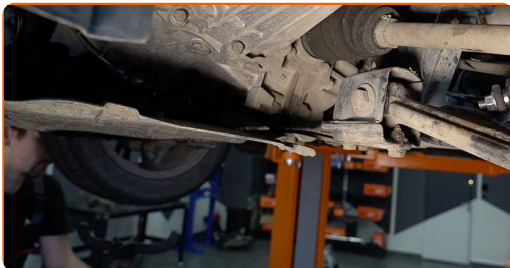
**15**

Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #17. Use HEX No.H5. Use a torque wrench. Tighten it to 55 Nm torque.



**16**

Remove the hydraulic transmission jack.



**Replacement: anti roll bar links – FIAT 500 Hatchback (312). Tip from AUTODOC experts:**

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

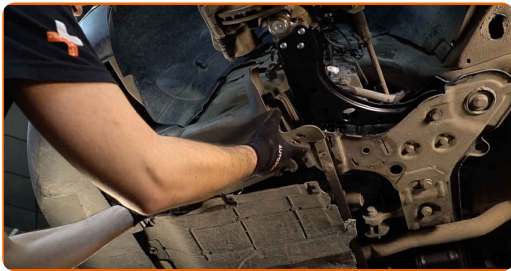
**17**

Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use HEX No.H5. Use a torque wrench. Tighten it to 55 Nm torque.

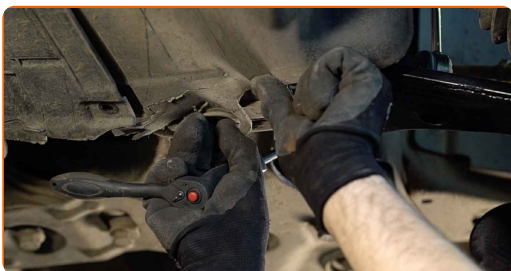




**18** Install the wheel arch cover to its mounting seat.



**19** Install and tighten the wheel arch cover fasteners. Use a drive socket #10. Use a ratchet wrench. Use a Phillips screwdriver.



**20** Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

**21** Install the wheel.

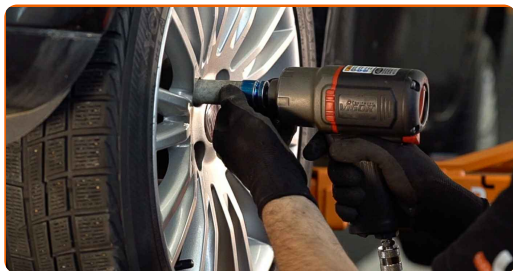


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. FIAT 500 Hatchback (312)

22

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



23

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.



24

Remove the jacks and chocks.



**WELL DONE!** 

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