



How to change front anti
roll bar links on **FIAT**
500e – replacement
guide

SIMILAR VIDEO TUTORIAL



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

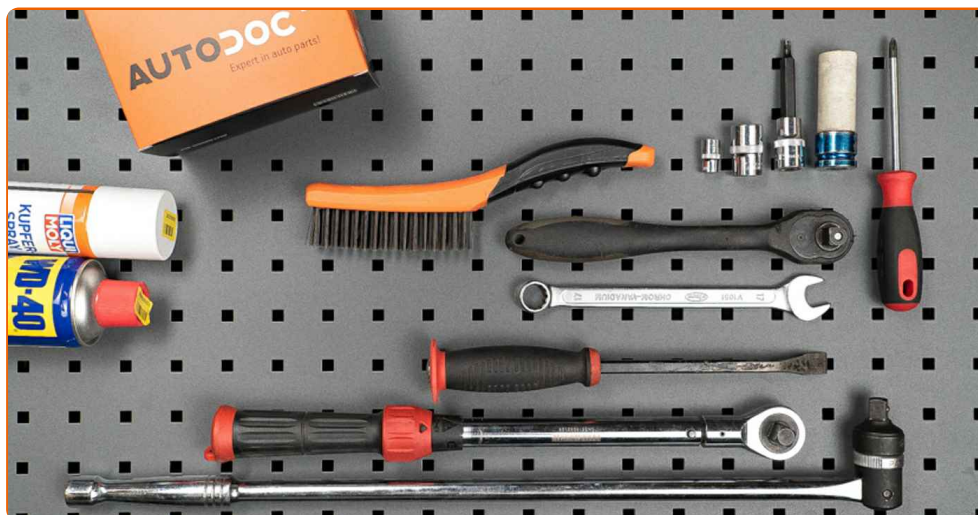
Important!

This replacement procedure can be used for:
FIAT 500e Elektro 3+1 (FA1), FIAT 500e Elektro (FA1)

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 500E.
 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 500e 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 500E.
RECOMMENDED SEQUENCE OF STEPS:**

1 Secure the wheels with chocks.

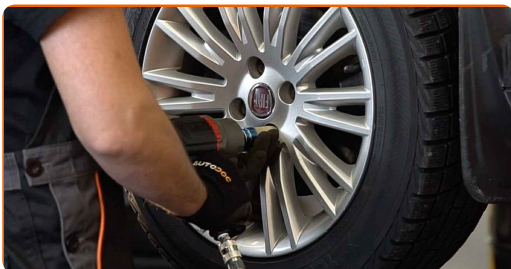


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the front of the car and secure on supports.

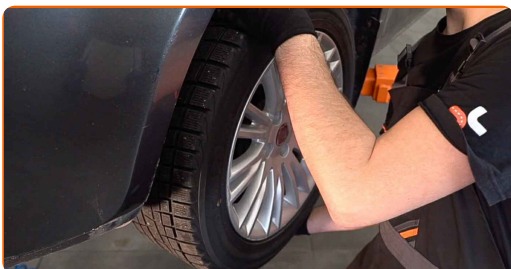
4 Unscrew the wheel bolts.



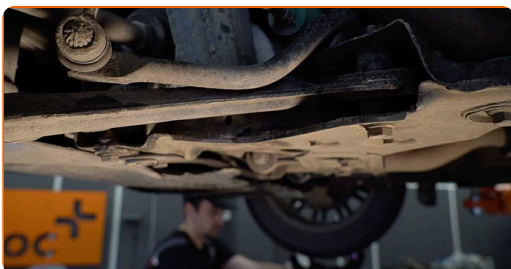
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
FIAT 500e

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.



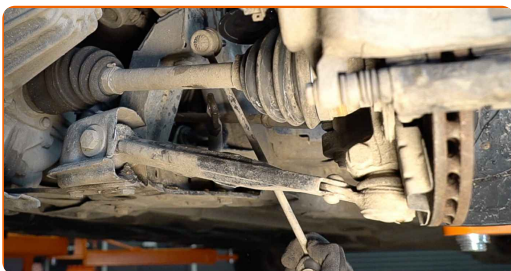
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Unscrew the fasteners connecting the stabiliser link to the stabiliser bar. Use HEX No.H5. Use a combination spanner #17. Use a ratchet wrench.



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Remove the stabilizer rod.

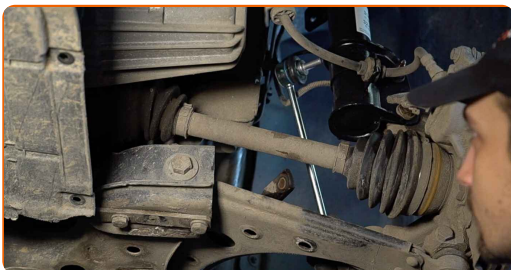


Replacement: anti roll bar links – FIAT 500e. Professionals recommend:

- Examine stabiliser bushes. Replace them if needed.

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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 500e. 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 500e

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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.



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Remove the jacks and chocks.



WELL DONE! 

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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