



How to change front anti  
roll bar links on **LEXUS**  
**RX IV (AL20)** –  
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:

LEXUS RX IV (AL20) 2.0 t, LEXUS RX IV (AL20) 2.0 t AWD, LEXUS RX IV (AL20) 3.5 4WD, LEXUS RX IV (AL20) 3.5 450h AWD, LEXUS RX IV (AL20) 3.5 450h, LEXUS RX IV (AL20) 350 4WD (GGL25\_), LEXUS RX IV (AL20) 200t (AGL20\_), LEXUS RX IV (AL20) 200t 4WD (AGL25\_), LEXUS RX IV (AL20) 350 (GGL20\_), LEXUS RX IV (AL20) 300 (AGL20\_), LEXUS RX IV (AL20) 300 AWD (AGL25\_), LEXUS RX IV (AL20) 350 (GGL25\_), LEXUS RX IV (AL20) 350 4WD (GGL25, GGL26)

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: LEXUS RX II (XU30) 3.3 400h AWD

REPLACEMENT: ANTI ROLL BAR LINKS – LEXUS RX IV (AL20). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Drive socket # 19
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Replace the stabiliser links on LEXUS RX IV (AL20) 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 – LEXUS RX IV (AL20).  
RECOMMENDED SEQUENCE OF STEPS:**

**1**

Secure the wheels with chocks.



**2**

Loosen the wheel mounting bolts. Use wheel impact socket #21.



**3**

Raise the front of the car and secure on supports.

**4** Unscrew the wheel bolts.



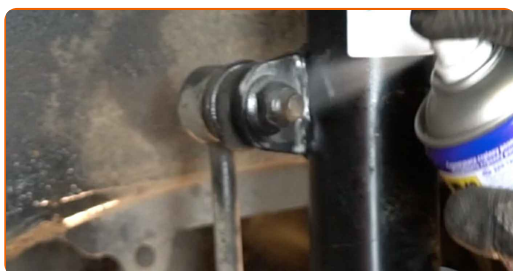
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
LEXUS RX IV (AL20)

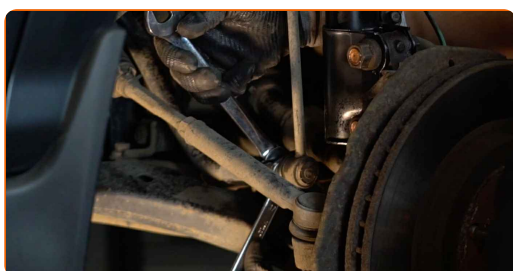
**5** Remove the wheel.



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



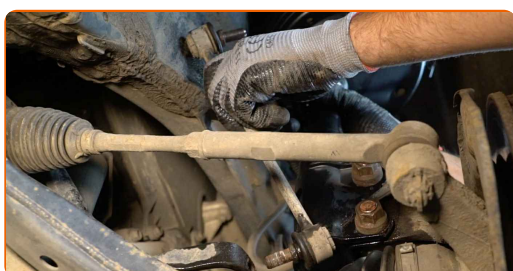
**7** Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #17 (2 pieces).



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



- 9** Remove the stabilizer rod.

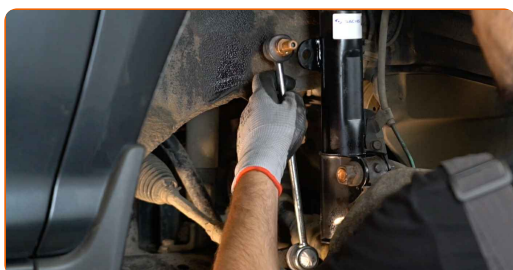


Replacement: anti roll bar links – LEXUS RX IV (AL20). Tip from AUTODOC experts:

- 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 a new rod, tighten the fasteners. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



- 12** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #19. Use a torque wrench. Tighten it to 74 Nm torque.



- 13** Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 74 Nm torque.



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



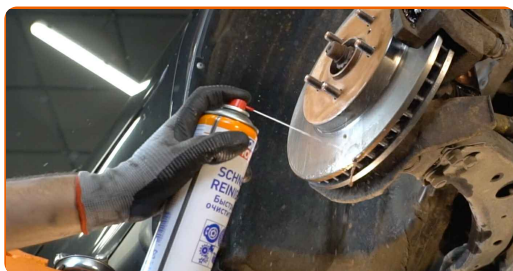
- 15** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.





16

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: anti roll bar links – LEXUS RX IV (AL20). After applying the spray, wait a few minutes.

17

Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. LEXUS RX IV (AL20)

18

Screw in the wheel bolts. Use wheel impact socket #21.

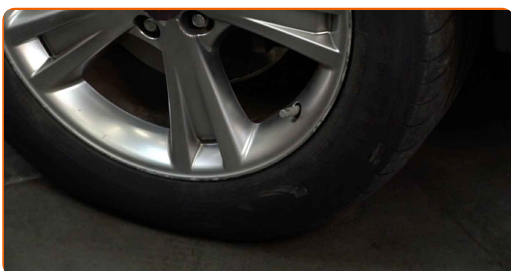




- 19** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 103 nm torque.



- 20** Remove the jacks and chocks.



**WELL DONE!** 

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**ANTI ROLL BAR LINKS: A WIDE SELECTION**

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