



How to change front anti
roll bar links on **TOYOTA**
Matrix II Hatchback
(E140) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

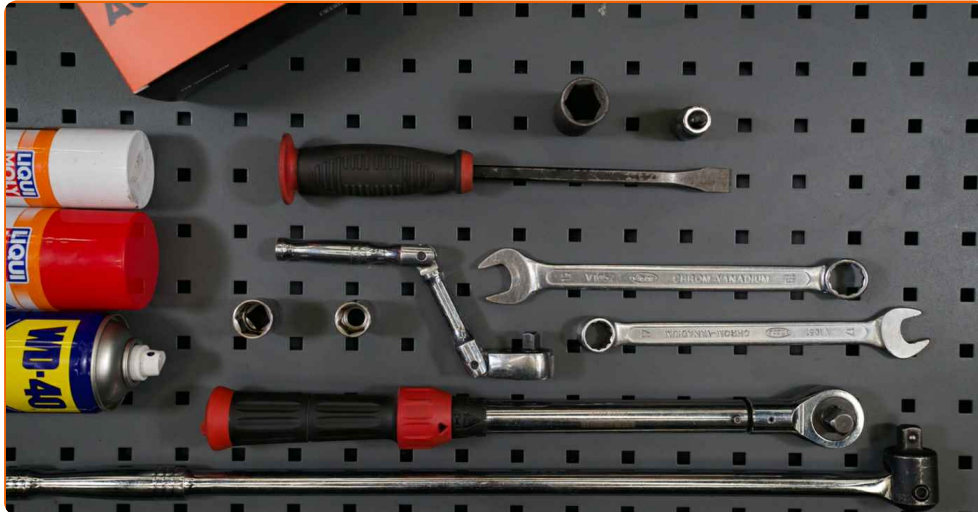
This replacement procedure can be used for:

TOYOTA Matrix II Hatchback (E140) 1.8 (ZRE142_)

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: TOYOTA Prius II Liftback (XW20) 1.5 Hybrid (NHW2_)

REPLACEMENT: ANTI ROLL BAR LINKS – TOYOTA MATRIX II HATCHBACK (E140). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Drive socket # 19
- HEX bit no.H6
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the stabiliser links on TOYOTA Matrix II Hatchback (E140) 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 – TOYOTA MATRIX II HATCHBACK (E140). RECOMMENDED SEQUENCE OF STEPS:

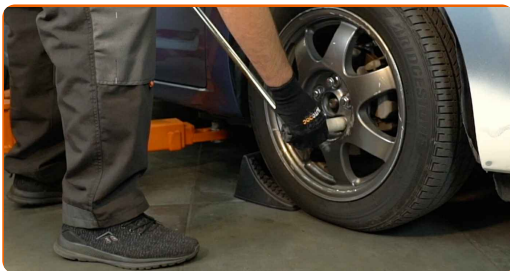
1

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.

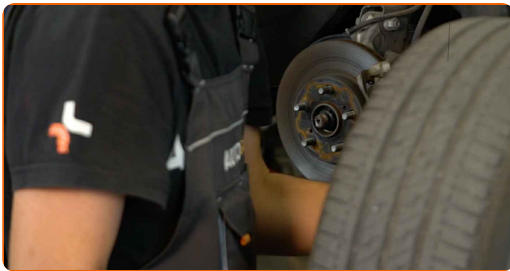


Replacement: anti roll bar links – TOYOTA Matrix II Hatchback (E140). Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when unscrewing the bolts.

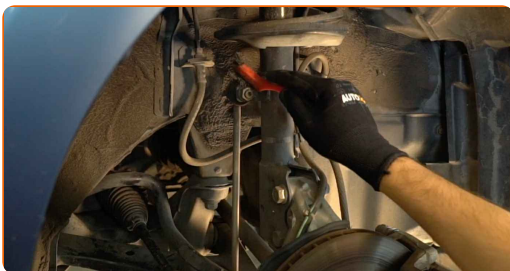
5

Remove the wheel.

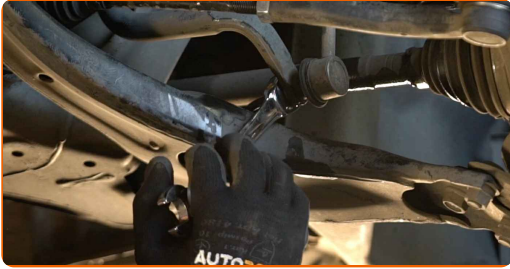


6

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 HEX No.H6. Use a combination spanner #17.



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



- 9** Remove the stabilizer rod. Use a crowbar.



Replacement: anti roll bar links – TOYOTA Matrix II Hatchback (E140). 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 HEX No.H6. Use a ratchet wrench.



- 12** 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.



- 13** 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.

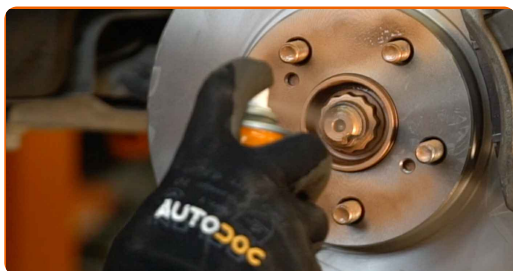


- 14** Treat all joints of the stabiliser link. Use copper grease.



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 – TOYOTA Matrix II Hatchback (E140). After applying the spray, wait a few minutes.

17

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. TOYOTA Matrix II Hatchback (E140)

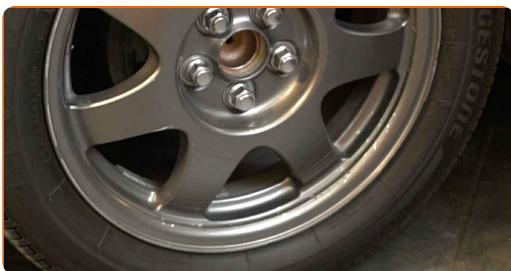
18 Screw in the wheel bolts. Use wheel impact socket #21.



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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