



How to change front anti  
roll bar links on **MAZDA 3**  
**Hatchback (BK)** –  
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:

MAZDA 3 Hatchback (BK) 1.6, MAZDA 3 Hatchback (BK) 2.0, MAZDA 3 Hatchback (BK) 1.6 DI Turbo, MAZDA 3 Hatchback (BK) 1.4, MAZDA 3 Hatchback (BK) 2.0 MZR-CD, MAZDA 3 Hatchback (BK) 1.6 MZ-CD

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: MAZDA 3 Saloon (BK) 1.6

REPLACEMENT: ANTI ROLL BAR LINKS – MAZDA 3 HATCHBACK (BK). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Drive socket # 14
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Wheel chock

**Buy tools**

## AUTODOC recommends:

- Replace the stabiliser links on MAZDA 3 Hatchback (BK) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – MAZDA 3 Hatchback (BK) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

- 1 Secure the wheels with chocks.

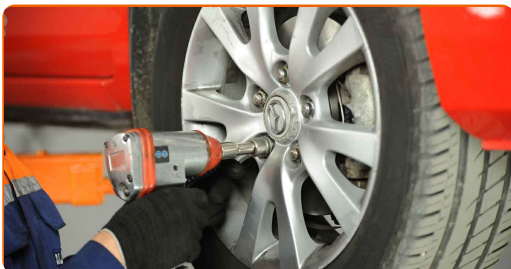


- 2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

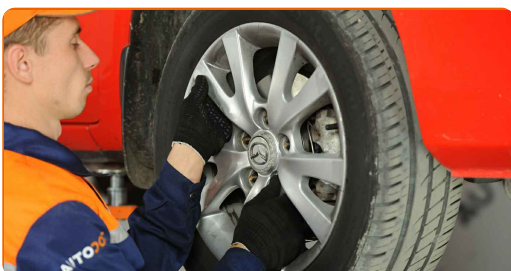
**4** Unscrew the wheel bolts.



**AUTODOC recommends:**

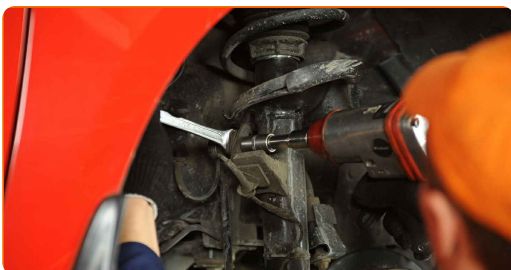
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MAZDA 3 Hatchback (BK)

**5** Remove the wheel.

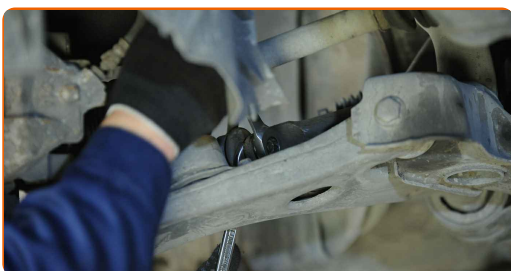


**6** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

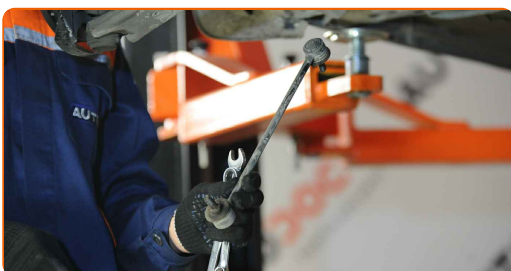
**7** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use a drive socket #14. Use a ratchet wrench.



- 8** Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #15 (2 pieces).



- 9** Remove the stabilizer rod.



Replacement: anti roll bar links – MAZDA 3 Hatchback (BK). Professionals recommend:

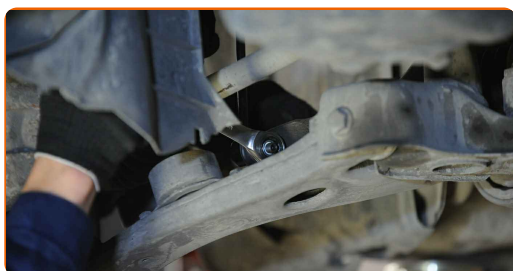
- Examine stabiliser bushes. Replace them if needed.

- 10** Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.

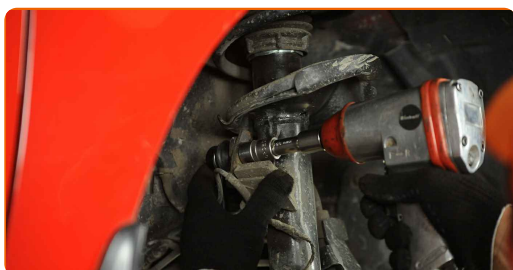
- 11** Install a new rod, tighten the fasteners.



- 12** Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #15 (2 pieces). Use a torque wrench. Tighten it to 50 Nm torque.



- 13** Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use a drive socket #14. Use a torque wrench. Tighten it to 50 Nm torque.

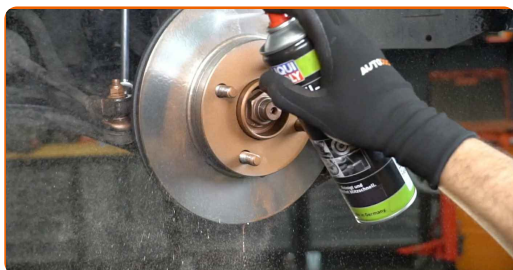


- 14** Treat all joints of the stabiliser link. Use copper grease.

- 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 – MAZDA 3 Hatchback (BK). After applying the spray, wait a few minutes.

**17**

Install the wheel.

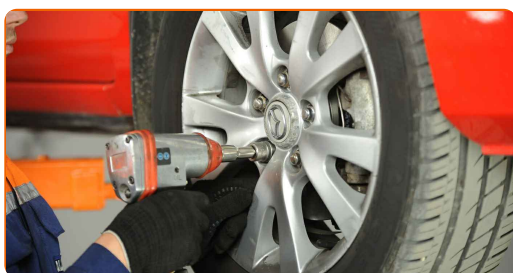


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. MAZDA 3 Hatchback (BK)

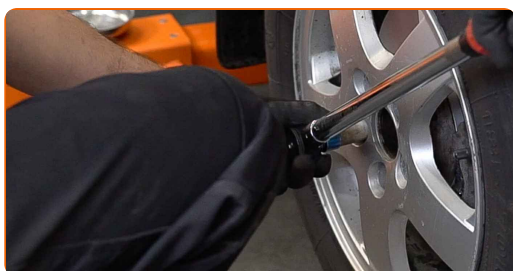
**18**

Screw in the wheel bolts. Use wheel impact socket #19.



**19**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 118 nm torque.





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Remove the jacks and chocks.



**WELL DONE!** 

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