



How to change front anti
roll bar links on **Mazda 3**
BK – replacement guide

VIDEO TUTORIAL



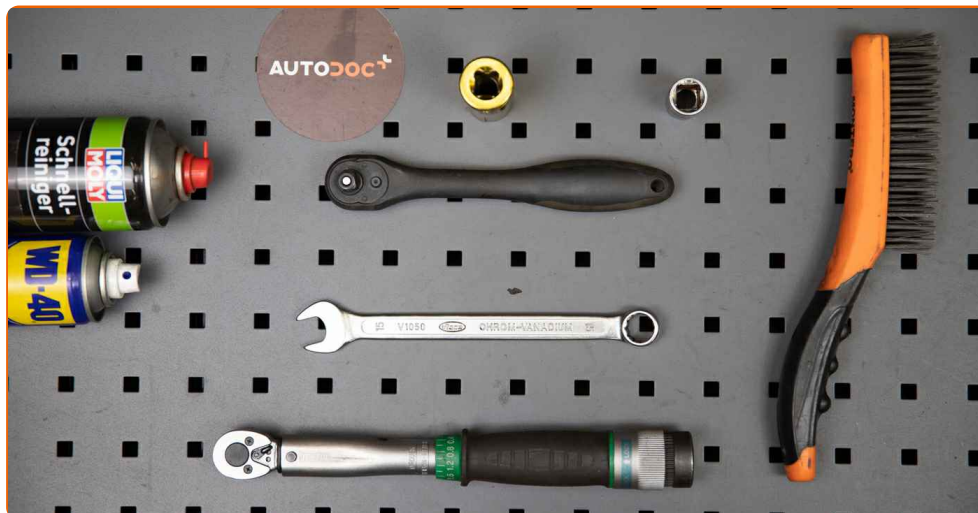
Important!

This replacement procedure can be used for:

MAZDA 5 (CW) 1.6 CD, MAZDA 5 (CW) 2.0, MAZDA 3 Hatchback (BK) 1.6, MAZDA 3 Hatchback (BK) 2.0, MAZDA 3 Saloon (BK) 2.0, MAZDA 3 Saloon (BK) 1.6 DI Turbo, MAZDA 3 Hatchback (BK) 1.6 DI Turbo, MAZDA 3 Hatchback (BK) 1.4, MAZDA 5 (CR19) 1.8, MAZDA 5 (CR19) 2.0, MAZDA 5 (CR19) 2.0 CD, MAZDA 3 Hatchback (BK) 2.0 MZR-CD, MAZDA 3 Saloon (BK) 2.0 MZR-CD, MAZDA 5 (CW) 1.8 MZR, MAZDA 3 Hatchback (BK) 1.6 MZ-CD

The steps may slightly vary depending on the car design.

REPLACEMENT: ANTI ROLL BAR LINKS – MAZDA 3 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 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 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 BK

5

Remove the wheel.

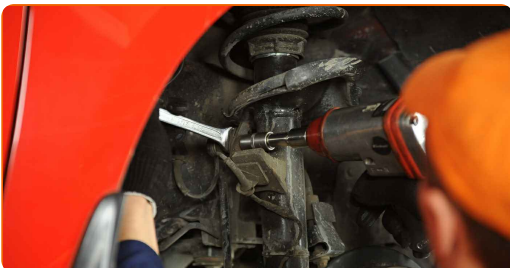


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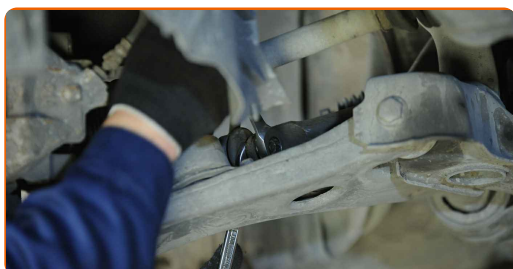
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

7

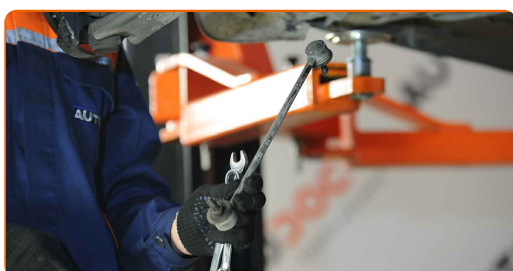
Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use a drive socket #14. Use a ratchet wrench.



- 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 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.

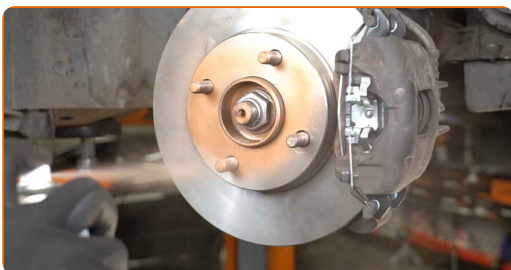


- 13 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #15. Use a drive socket #14. Use a torque wrench. Tighten it to 50 Nm torque.

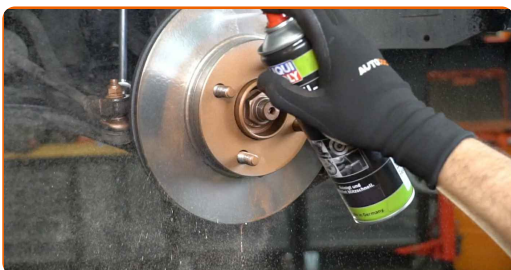


- 14 Treat all joints of the stabiliser link. Use copper grease.

- 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 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 BK

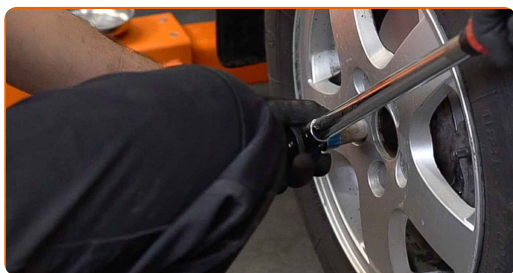
18

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.



20

Remove the jacks and chocks.



WELL DONE! 

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