



How to change front anti
roll bar links on
MERCEDES-BENZ V-
Class (W638/2) –
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:
MERCEDES-BENZ V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294)

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: MERCEDES-BENZ VITO Bus (638) 112 CDI 2.2 (638.194)

REPLACEMENT: ANTI ROLL BAR LINKS – MERCEDES-BENZ V-CLASS (W638/2). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 16
- Combination spanner #16
- Wheel impact socket #17
- Torque wrench
- Wheel chock

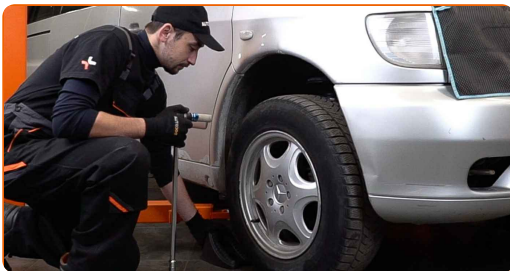
Buy tools

AUTODOC recommends:

- Replace the stabiliser links on MERCEDES-BENZ V-Class (W638/2) 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 – MERCEDES-BENZ V-CLASS (W638/2). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

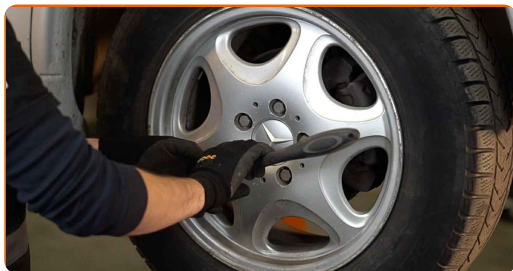


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

4 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ V-Class (W638/2)

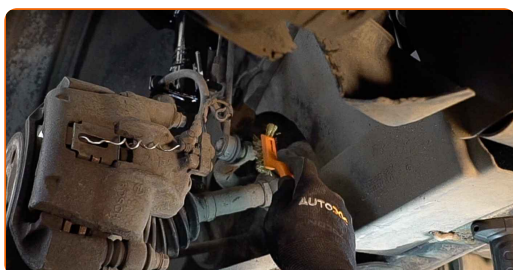
5 Remove the wheel.



6.1 Clean the stabiliser link fasteners.



6.2 Use a wire brush. Use WD-40 spray.



- 7** Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a drive socket #16.



- 8** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #16. Use a drive socket #16.



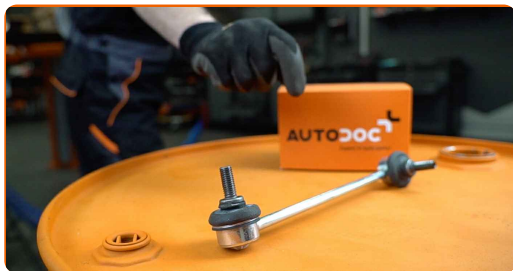
- 9** Remove the stabilizer rod.



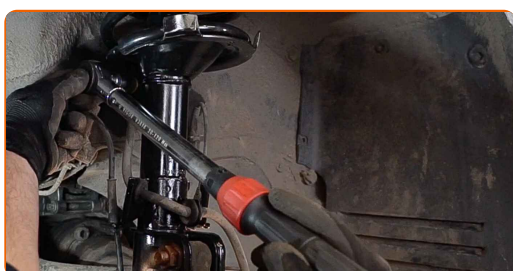
Replacement: anti roll bar links – MERCEDES-BENZ V-Class (W638/2). Tip from AUTODOC:

- Examine stabiliser bushes. Replace them if needed.

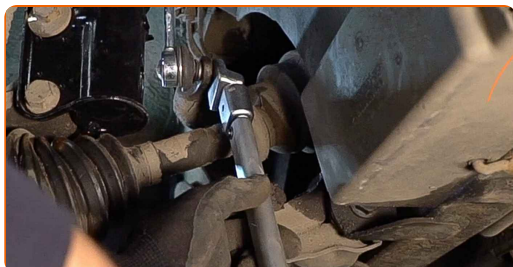
10 Install a new rod, tighten the fasteners.



11 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a combination spanner #16. Use a torque wrench. Tighten it to 62 Nm torque.



12 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a drive socket #16. Use a combination spanner #16. Use a torque wrench. Tighten it to 62 Nm torque.

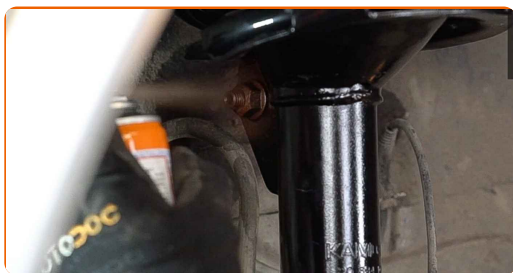


13.1 Treat all joints of the stabiliser link.



13.2

Use copper grease.



14

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



15

Install the wheel.

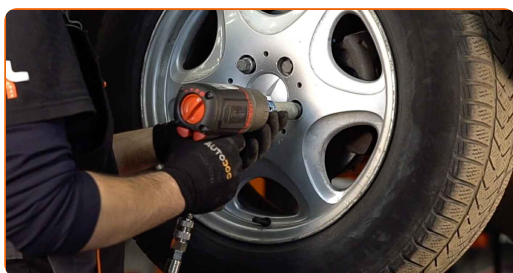


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ V-Class (W638/2)

16

Screw in the wheel bolts. Use wheel impact socket #17.



- 17 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 175 Nm torque.



- 18 Remove the jacks and chocks.



WELL DONE! 

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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