



How to change front anti
roll bar links on
MERCEDES-BENZ
VIANO (W639) –
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 VIANO (W639) CDI 2.0 (639.811, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) CDI 2.2 (639.811, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) CDI 3.0 (639.811, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) 3.0 (140 KW / 190 PS), MERCEDES-BENZ VIANO (W639) 3.2 (639.713, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) CDI 2.2 (639.711, 639.713, 639.811, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) CDI 2.0 (639.711, 639.713, 639.811, 639.813, 639.815), MERCEDES-BENZ VIANO (W639) 3.7 (639.815), MERCEDES-BENZ VIANO (W639) CDI 2.0 4-matic (639.713), MERCEDES-BENZ VIANO (W639) CDI 2.2 4-matic (639.711, 639.713, 639.811, 639.813,...), MERCEDES-BENZ VIANO (W639) 3.5 (639.811, 639.813, 639.815)

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 (W639) 115 CDI 2.2

REPLACEMENT: ANTI ROLL BAR LINKS – MERCEDES-BENZ VIANO (W639). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Torx bit T40
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the stabiliser links on MERCEDES-BENZ VIANO (W639) 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 VIANO (W639). 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 VIANO (W639)

5

Remove the wheel.

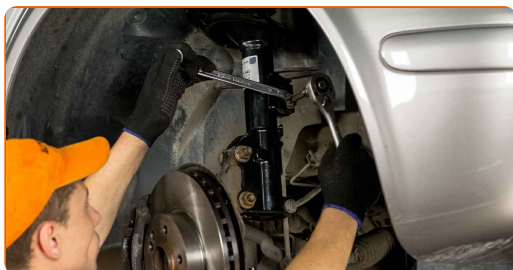


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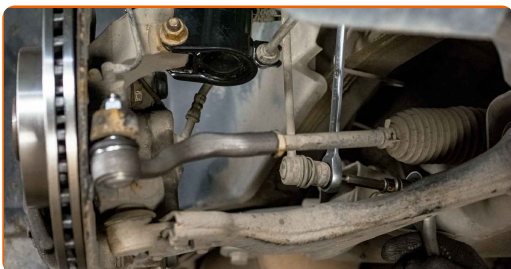
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

7

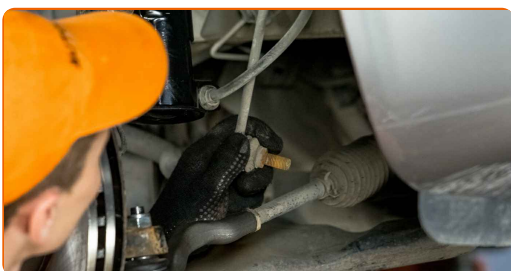
Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a ratchet wrench.



- 8** Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #18. Use Torx T40. Use a ratchet wrench.



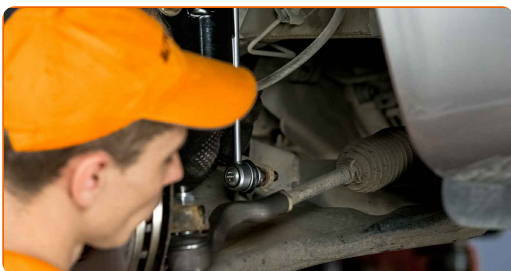
- 9** Remove the stabilizer rod.



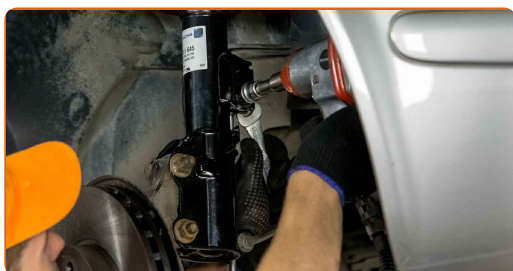
Replacement: anti roll bar links – MERCEDES-BENZ VIANO (W639). Tip from AUTODOC:

- Examine stabiliser bushes. Replace them if needed.

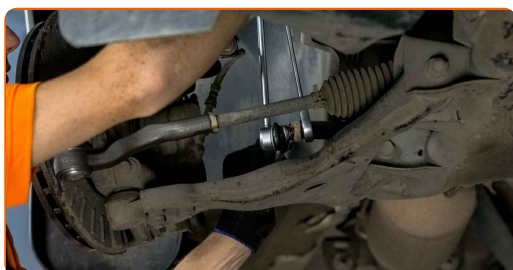
- 10** Install a new rod, tighten the fasteners.



- 11 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a torque wrench. Tighten it to 85 Nm torque.



- 12 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #18. Use Torx T40. Use a torque wrench. Tighten it to 85 Nm torque.



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

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



- 15 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – MERCEDES-BENZ VIANO (W639). After applying the spray, wait a few minutes.

16

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ VIANO (W639)

17

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



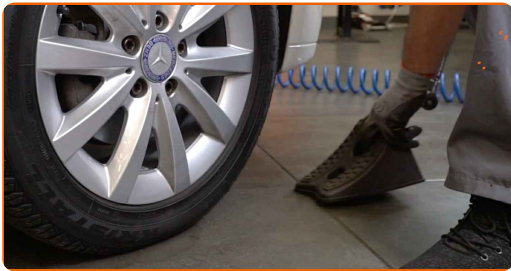
18

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 130 Nm torque.



19

Remove the jacks and chocks.



WELL DONE! 

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ANTI ROLL BAR LINKS: A WIDE SELECTION

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