



How to change tailgate
struts on **Mercedes Vito**
W638 – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

MERCEDES-BENZ Vito Minibus (W638) 108 D 2.3 (638.164), MERCEDES-BENZ Vito Minibus (W638) 110 TD 2.3 (638.174), MERCEDES-BENZ Vito Minibus (W638) 113 2.0 (638.114, 638.194), MERCEDES-BENZ V-Class (W638/2) V 230 TD (638.274), MERCEDES-BENZ V-Class (W638/2) V 230 (638.234, 638.294), MERCEDES-BENZ Vito Minibus (W638) 114 2.3 (638.134, 638.194), MERCEDES-BENZ V-Class (W638/2) V 280 (638.244, 638.294), MERCEDES-BENZ V-Class (W638/2) V 200 (638.214, 638.294), MERCEDES-BENZ Vito Van (W638) 108 D 2.3 (638.064, 638.068), MERCEDES-BENZ Vito Van (W638) 110 D 2.3 (638.074, 638.078), MERCEDES-BENZ Vito Van (W638) 113 2.0 (638.014, 638.094), MERCEDES-BENZ Vito Van (W638) 114 2.3 (638.034, 638.094), MERCEDES-BENZ V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294), MERCEDES-BENZ Vito Minibus (W638) 108 CDI 2.2 (638.194), (+ 5)

The steps may slightly vary depending on the car design.

REPLACEMENT: TAILGATE STRUTS – MERCEDES VITO W638. LIST OF THE TOOLS YOU'LL NEED:



- Flat Screwdriver

- Hydraulic transmission jack

BUY TOOLS

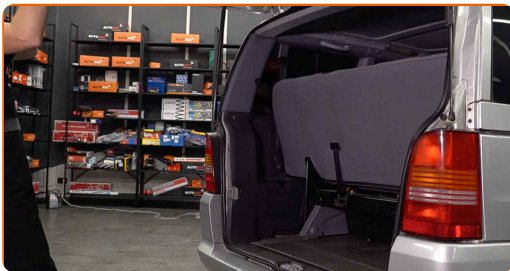
Replacement: tailgate struts – Mercedes Vito W638. AUTODOC experts recommend:

- Right and left gas struts of the boot lid should be replaced simultaneously.
- The replacement procedure is identical for the right and left gas struts of the boot lid.
- All work should be done with the engine stopped.

REPLACEMENT: TAILGATE STRUTS – MERCEDES VITO W638. RECOMMENDED SEQUENCE OF STEPS:

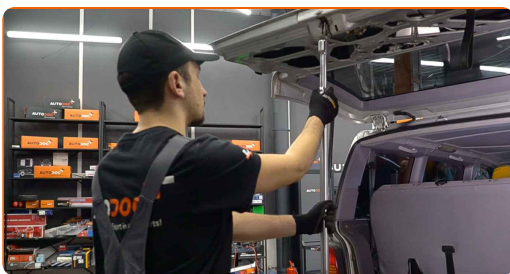
1

Open the boot lid.



2

Support the boot lid. Use a hydraulic transmission jack.



3

Release the circlip connecting the gas strut to the car body. Use a flat screwdriver.



4

Release the circlip connecting the gas strut to the boot lid. Use a flat screwdriver.



AUTODOC recommends:

- To avoid any injuries, be sure to hold the boot lid while demounting the gas struts.

5

Remove the boot lid gas strut.



6

Install the new boot lid gas strut.

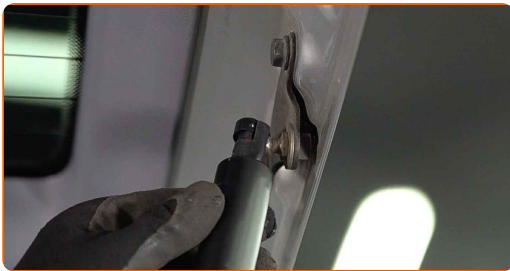


Replacement: tailgate struts – Mercedes Vito W638. Professionals recommend:

- To avoid any injuries, be sure to hold the boot lid while installing the gas strut.

7

Snap on the circlip connecting the gas strut to the boot lid.



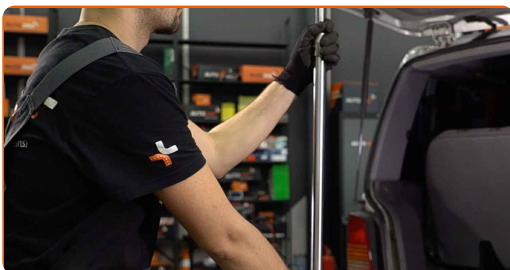
8

Snap on the circlip connecting the gas strut to the car body. Use a flat screwdriver.



9

Remove the hydraulic transmission jack.



AUTODOC recommends:

- Replacement: tailgate struts – Mercedes Vito W638. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

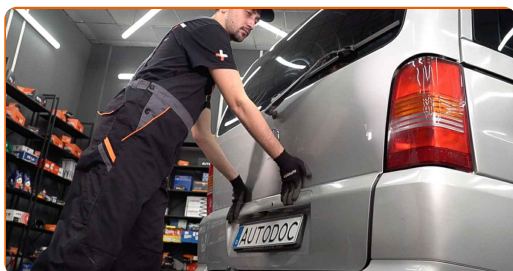
10

Check the working condition of the boot lid gas springs after they are installed.



11

Close the lid of the luggage compartment.



WELL DONE! 👍

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