



How to change tailgate
struts on **Mercedes ML**
W163 – replacement
guide

VIDEO TUTORIAL



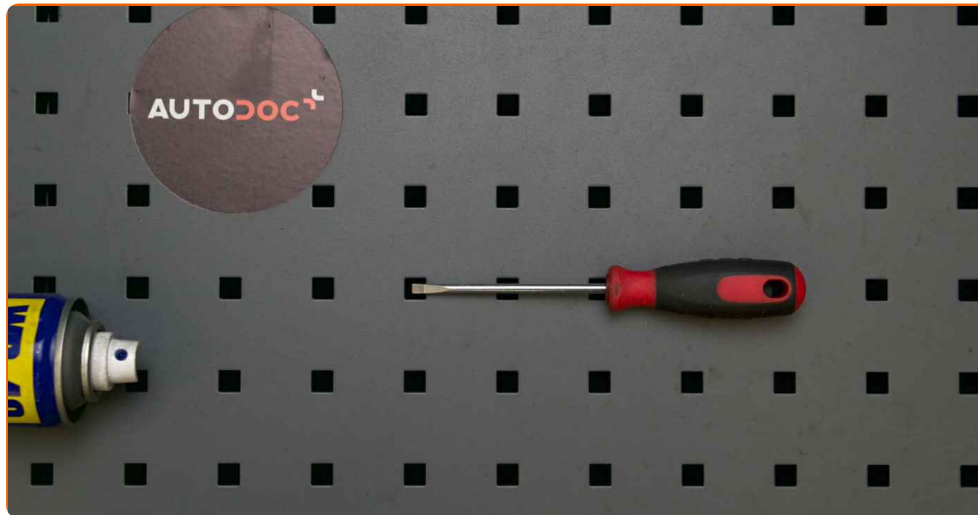
Important!

This replacement procedure can be used for:

MERCEDES-BENZ ML-Class (W163) ML 320 (163.154), MERCEDES-BENZ ML-Class (W163) ML 230 (163.136), MERCEDES-BENZ ML-Class (W163) ML 430 (163.172), MERCEDES-BENZ ML-Class (W163) ML 270 CDI (163.113), MERCEDES-BENZ ML-Class (W163) ML 55 AMG (163.174), MERCEDES-BENZ ML-Class (W163) ML 400 CDI (163.128), MERCEDES-BENZ ML-Class (W163) ML 500 (163.175), MERCEDES-BENZ ML-Class (W163) ML 350 (163.157), MERCEDES-BENZ ML-Class (W163) ML 350

The steps may slightly vary depending on the car design.

REPLACEMENT: TAILGATE STRUTS – MERCEDES ML
W163. TOOLS YOU MIGHT NEED:



- WD-40 spray
- Flat screwdriver
- Hydraulic transmission jack

BUY TOOLS

AUTODOC recommends:

- 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.
- Please note: all work on the car – Mercedes ML W163 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

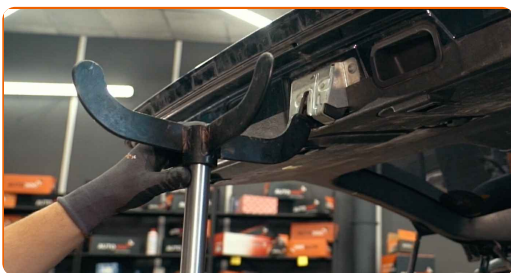
1

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.



5

Remove the boot lid gas strut.



Replacement: tailgate struts – Mercedes ML W163. AUTODOC experts recommend:

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

6

Clean the mounting seats of the boot strut. Use WD-40 spray.

7

Install the new boot lid gas strut.



Replacement: tailgate struts – Mercedes ML W163. AUTODOC recommends:

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

8

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



9

Snap on the circlip connecting the gas strut to the car body.



10

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



11

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



12 Remove the boot lid gas strut.



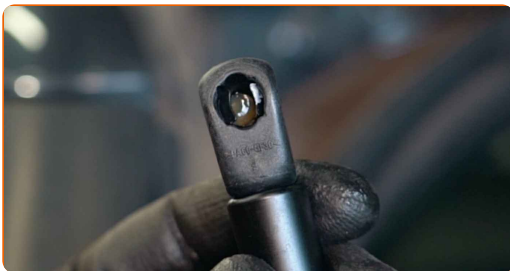
Replacement: tailgate struts – Mercedes ML W163. AUTODOC experts recommend:

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

13 Clean the mounting seats of the boot strut. Use WD-40 spray.



14 Install the new boot lid gas strut.



Replacement: tailgate struts – Mercedes ML W163. Tip:

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

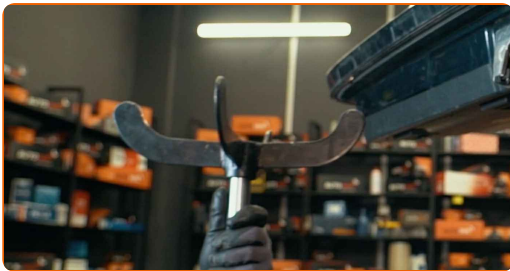
15 Snap on the circlip connecting the gas strut to the boot lid.



16 Snap on the circlip connecting the gas strut to the car body.



17 Remove the hydraulic transmission jack.

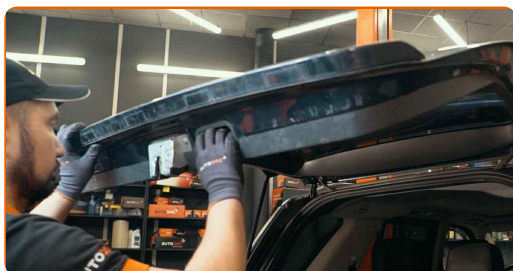


AUTODOC recommends:

- Replacement: tailgate struts – Mercedes ML W163. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

18

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



19

Close the lid of the luggage compartment.



WELL DONE! 

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