

2-piece shift rod bushing – Exchange kit

Thank you very much for choosing our product. With this exchange kit you are able to exchange the shift rod bushing of your VW Beetle against a new two-piece bushing. This exchange is designed to counteract a spongy and inaccurate shifting, so that you get a new gearshift feeling.



This kit includes:

- 1 bushing A („Bottom“, with snap-in nose)
- 1 bushing B („Top“, without nose, with pointed hole for fastening)
- 2 set screws (M5x10mm)
- 1 threaded pin (M8x40mm)
- 1 nut (M8)
- 1 washer (M8)
- 1 spring washer (M8)
- 1 seal wire (20cm)



Attention!

We would like to point out that a functioning gearshift is a safety relevant function. Therefore, installation by qualified personnel is recommended.

We assume no liability for damage caused by incorrect installation.

Metal sheet edges and frame openings can be sharp-edged. There is a risk of injury.

Protective gloves are recommended!



For even more detailed instructions we have filmed a sample installation in cooperation with aircooled-engine.de and uploaded it to YouTube. If you have any questions, we hope to answer them with our demonstration video (The video is in german language).

YouTube-account: Jürgen Linse

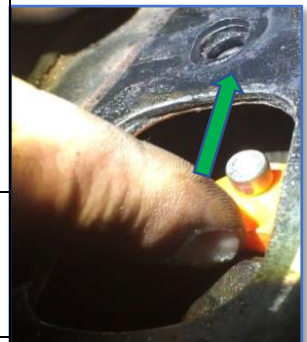
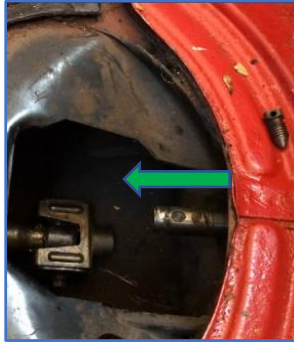
Link: <https://www.youtube.com/watch?v=0FtgmQUQB4I>

2-piece shift rod bushing

www.car-layers.com

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V13.W1.0



1	Remove carpet/rubber mat in the area of the gear stick. Remove the hexagon nuts of the gearshift lever. Remove gear lever (note installation direction! Important!)
2	Remove rear seat. Remove the cover from the frame tunnel. Remove the wire lock of the special screw (square-head screw). Separate the shift rod clutch from the gear stick of the gearshift unit and push it slightly forward.
3	Turn the pipe head 180° clockwise to the side. Remove the old bushing with pointed pliers / side cutters / etc. If the bushing should tear and the rear piece should remain on the shift rod, it can remain there. It does not bother.
4	Place the new bushing A (with the snap-in nose) on the shift rod and push it backwards until it stops. The snap-in nose must fit in the metal ring. Check.
5	Turn the bushing A on the shift rod by 180°. The screw in the bushing part should serve as an assistance. If necessary, tools can be used to help. It may be necessary to turn the shift rod back and forth a little. Check.
6	Place bushing B (without snap-in nose) on the shift rod and push it onto the counterpart / to the stop. Press down with a tool if necessary. Check.
7	The rear hexagon head screw of the shifting block is now replaced by the grub screw, which centers and holds the upper bushing. Screw in the threaded pin until the tip is seated in the pointed hole of bushing B. The threaded pin can be used to reduce any remaining clearance of the shift rod in the bushing. Do not overtighten. Otherwise the gear shifting may become inconvenient. Check.
8	Turn back the pipe head/shift rod by 180° anticlockwise. Check that the threaded pin holds the upper part of the bushing well. Readjust if necessary.
9	Reassemble the gear shift rod clutch under the rear seat. Reinstall the special screw (square-head screw). Secure it with sealing wire. Attention! Secure this screw according to instructions! Do not use normal screws without a tip. Gearbox damage possible!
10	Put on and fix the shift lever as it was dismantled. Observe installation direction! Fix the threaded pin with the enclosed washer, spring washer and nut. Make sure not to tighten the threaded pin any further. Can be held with an Allen wrench.

