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Removing and installing gearshift lever**Special tools required:**

- 25 1 120

**Necessary preliminary tasks:**

- Remove [complete exhaust system](#).
- Remove heat shields.
- Remove [cross member](#).
- Partially remove [propeller shaft](#).
 - Disconnect propeller shaft at transmission.
 - Release centre mount.
 - Tie up propeller shaft to underbody.

Note:

Bending the propeller shaft by an excessive angle can cause premature damage to the joint/propeller shaft!

Pull off button (1) with a strong jerk.

Note:

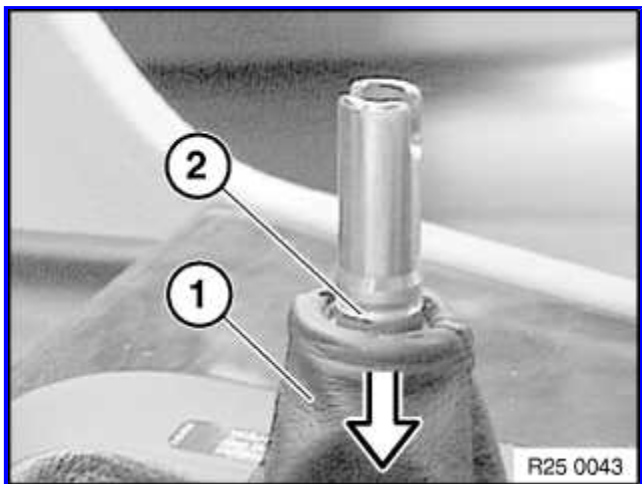
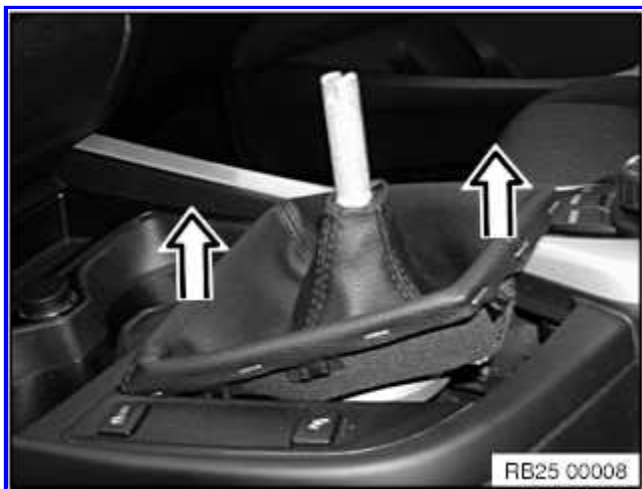
Do not twist knob during removal as this would cause the anti-twist lock in the knob to shear off.

Installation note:

Fit knob on gearshift lever, align and press on until it snaps noticeably into place.



Release retaining tabs and lift out gaiter.



Installation note:

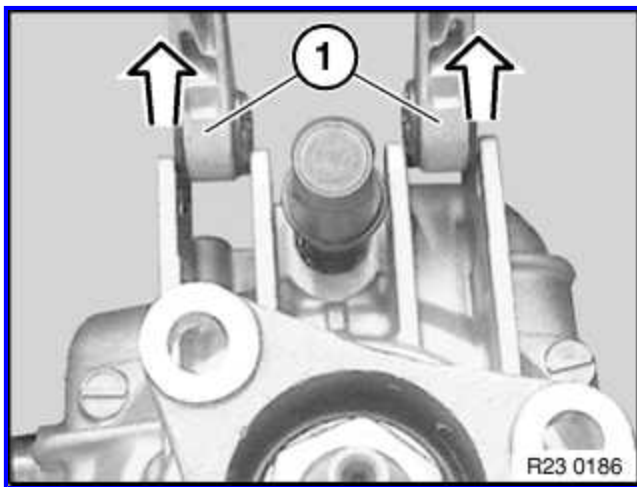
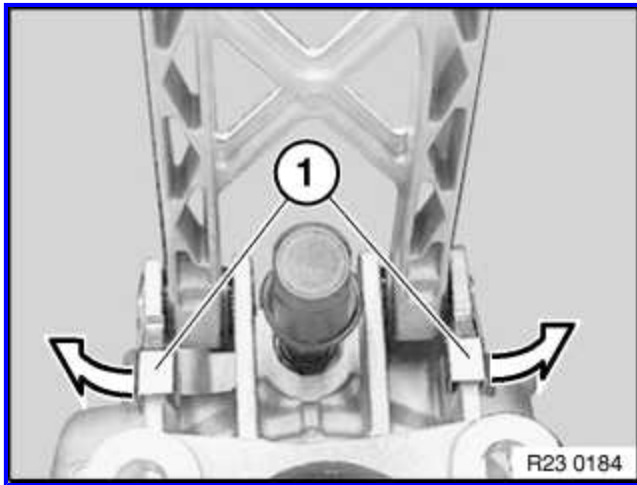
Push rubber gaiter (1) down until groove (2) is fully exposed.

Unlock bearing journal (1) in direction of arrow and remove.

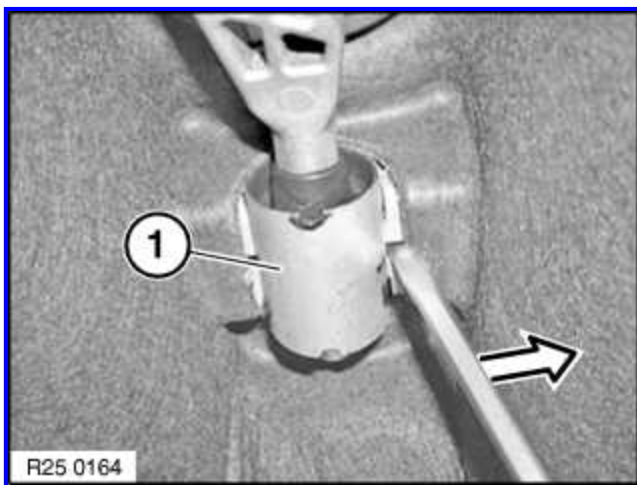
Installation note:

Grease bearing journal.

Grease, refer to [BMW Service Operating Fluids](#).



Lift out gearshift arm (1).

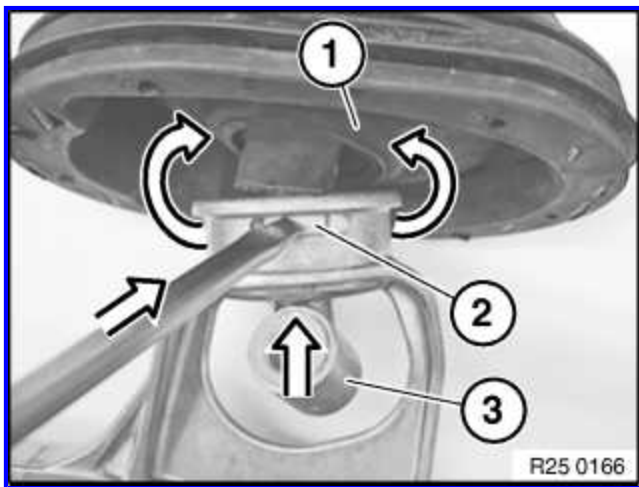
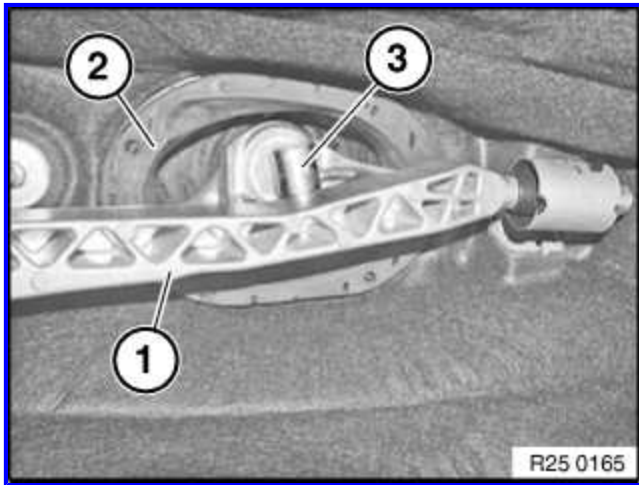


Lever support bearing (1) with a short screwdriver out of mounting.

Feed U-type bellows (2) with gearshift arm (1) and gearshift lever (3) carefully out of body aperture toward the bottom.

Important!

The PVC guide inserted in the U-type bellows for the body aperture breaks easily during removal and installation.

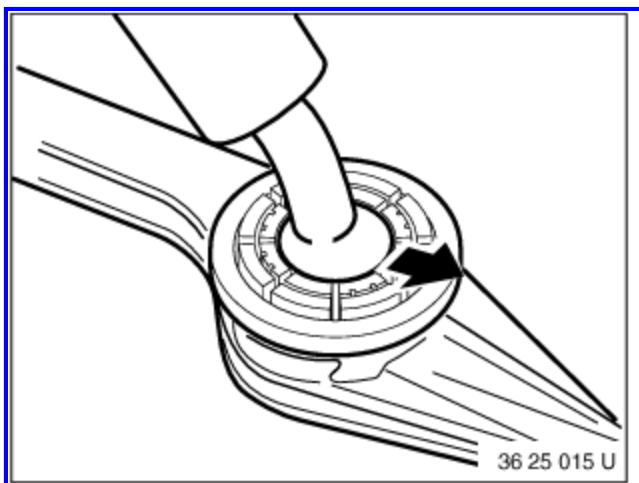


Release U-type bellows bead (1) from gearshift arm up.

Press retaining lugs (2) of gearshift lever mount and release gearshift lever (3) from gearshift arm.

Installation note:

Pull U-type bellows bead from below completely over gearshift arm cup.



Installation note:

Grease gearshift lever ball.

Grease, [refer to BMW Service Operating Fluids](#).

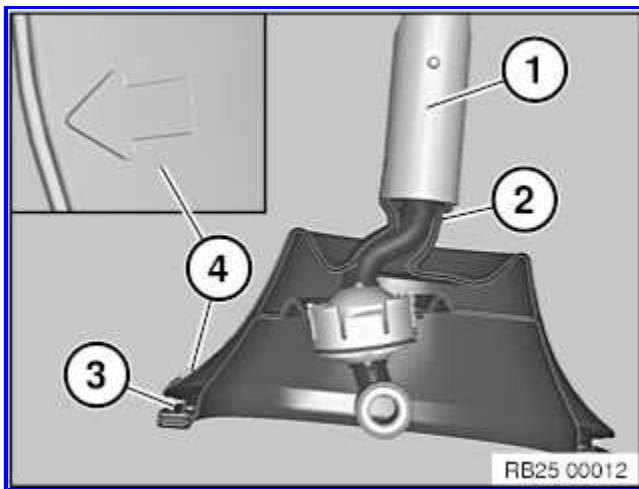
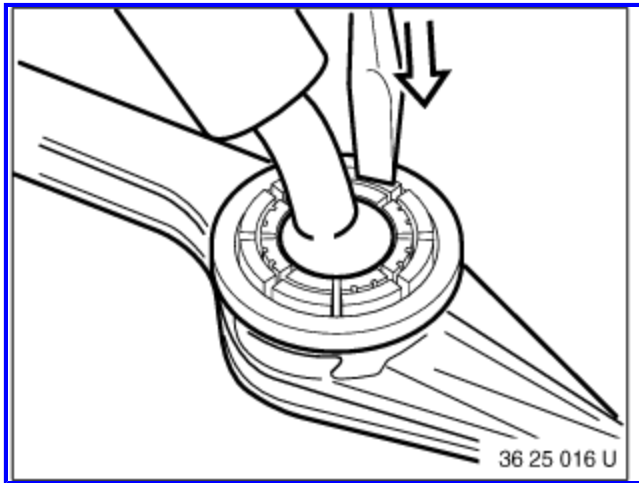
Install gearshift lever in gearshift arm.

Align mount:

- Retaining of ball socket perpendicular to direction of travel.

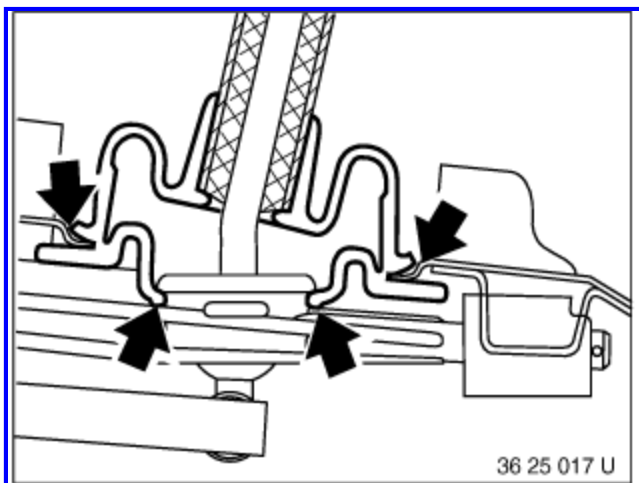
Installation note:

Press mount in area of retaining tabs into gearshift arm until the retaining lugs audibly snap into place.



Installation note:

Arrow (4) on rubber boot must point in direction of travel.



Installation note:

Pull the inner rubber boot over the pot on the gearshift arm.

Button the outer rubber boot into the body aperture.