

Reconditioning gear selector assembly

Special tools: [999 2412](#) , [999 2852](#)

Note! Remove gear selector assembly according to points [Removing transmission cables](#) and [Removing transmission cables](#) .

Remove:

- Bevel arm locking
- Bevel arm and bushings
- The ball joints from the gear selector lever.

If only the bushings or bevel arm are to be replaced, see [Lubricate the bevel arm bushings and ball joints using grease P/N 116 1236-3](#) .



Replacing gear selector lever and gear selector lever ball joint:

Position the gear selector assembly in a vice. Remove the gear selector lever knob and the boot from the lever. See [Transmission cables, installation](#) . Remove the gear lever ball joint from the gear selector assembly by prizing up the ball joint lugs.

Pull up the ball joint and the gear selector lever from the gear selector assembly.

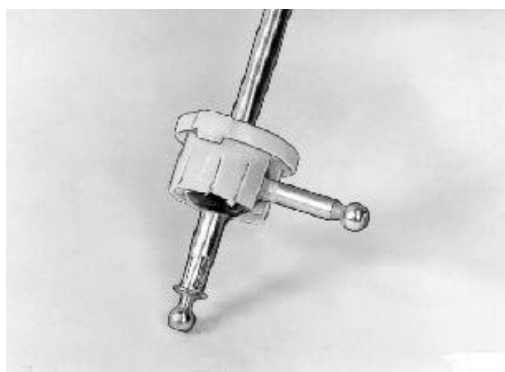
- Replace the ball joint and / or the gear selector lever if necessary.



Install the ball joint on the gear selector lever

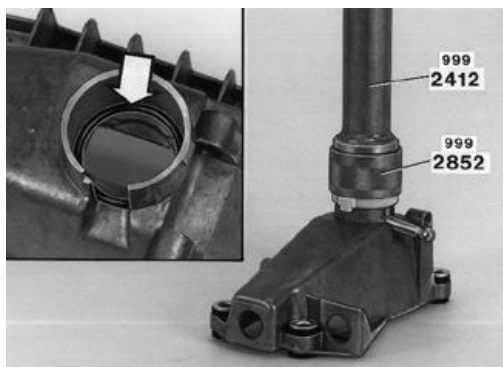
Immerse the new ball joint in warm water for a short time.

Press the ball joint onto the gear selector lever ball. Lubricate using grease P/N 1161236-3.



Position the gear selector assembly on the bench

Check that the O-ring in the seat for the aluminium brackets is undamaged, and that it is



flat against the bottom.

Install the ball joint and gear selector lever in the gear selector assembly

- Use drift [999 2412](#) and support ring [999 2852](#) .
Tap the ball joint into place in the gear selector assembly.

Lubricate the bevel arm bushings and ball joints using grease P/N 116 1236-3

Install:

- the bevel arm bushings on the gear selector assembly
- The ball joint on the gear selector lever
- the bevel arm on the gear selector assembly.
At the same time align the bevel arm to the gear selector lever and install the washer and retaining clip.



Install gear selector assembly

See operations [Transmission cables, installation](#) and [Transmission cables, installation](#) .

Note! Lubricate gearbox cable ball joints using grease 1161236-3.

Note! If the gear selector lever knob and boot have been removed they should be reinstalled when the gear selector assembly and centre console are in position.

To install, see operation [Replacing gear knob and gaiter](#) .