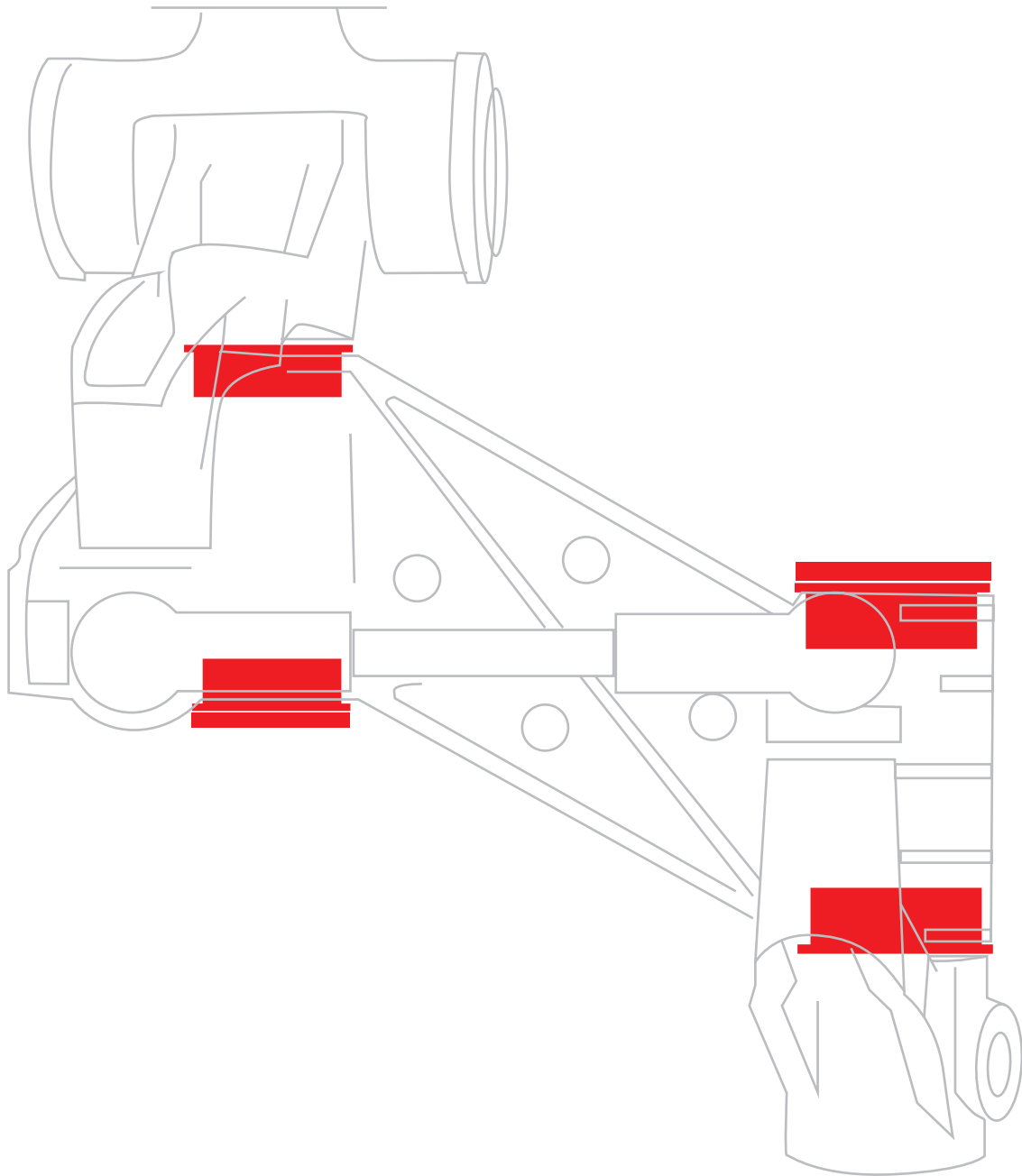


INSTALLATION GUIDE

SAAB 9-5: 1998-2004

SAAB 900: 1996-1998

SAAB 9-3: 1998-2003



BUSHING KIT SHIFT LINKAGE

BEFORE YOU BEGIN

This is an assembly instruction for gear shift linkage bushings in bearing bronze for OG 9-5 (years 98-04), NG 900 (years 96-98) and 9-3 (years 98-03). The instructions refer to mounting on linkage disassembled from a car.

To replace these, the following tools are required:

- Angle grinder or other suitable cutting tool
- File
- Pliers / cutters
- MIG / MAG or TIG weld

A vise or other suitable fastening device is also recommended.

In these instructions an angle cutter and TIG weld is used.



STEP 1: DISASSEMBLY

Attach the linkage firmly, preferably with a vise, to keep the linkage fixed during cutting.

Use the angle cutter to cut several grooves in the old bushing rivet to thereby create several small strips which can then be bent up with pliers.

Do not cut too deep, 2-3 mm is enough.



When all the strips are folded up, the steel washer and the plastic bushings can be removed.

Note the location and direction of the various parts before disassembly. A tip is to take photographs to make assembly easier later on.



Then file off the ridge on the plastic part as shown.



STEP 2: ASSEMBLY

Assembly is done by pushing in the new bushings in the plastic assembly. After this; put the assembly back on to the shaft (clean and lubricate the shaft with grease).



Place the new washer (included) over the bushing.



Next fasten the washer with tack welds like pictured here.



Weld all the way round the new bushing. Remember to weld a small portion and cool (e.g. with compressed air) then repeat and continue doing so until you're done. This is because the bushing is in the plastic that can easily melt from the heat that arises during welding.

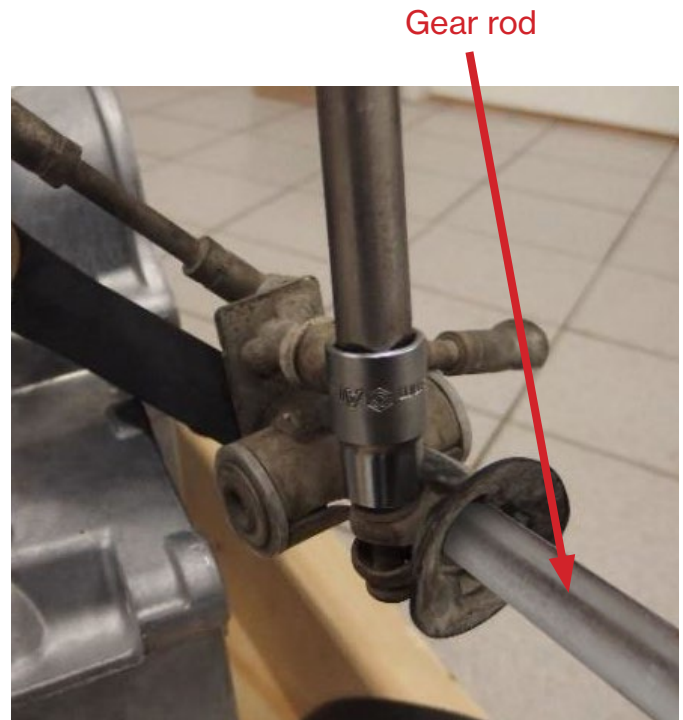


The procedure for replacing these bushings is the same for both bushing pairs.



STEP 4: ADJUSTMENT OF GEAR POSITIONS

Reassemble the gear linkage on the car before proceeding with this step. Keep the clamping socket of the linkage slightly open so that the linkage can move in relation to the gear rod.



Remove the plastic plug on the gearbox hole for the fixating tool. Put the gearbox in 4th speed (push the gear linkage straight into the gearbox) and lock with one of the locking pins as shown in the picture.

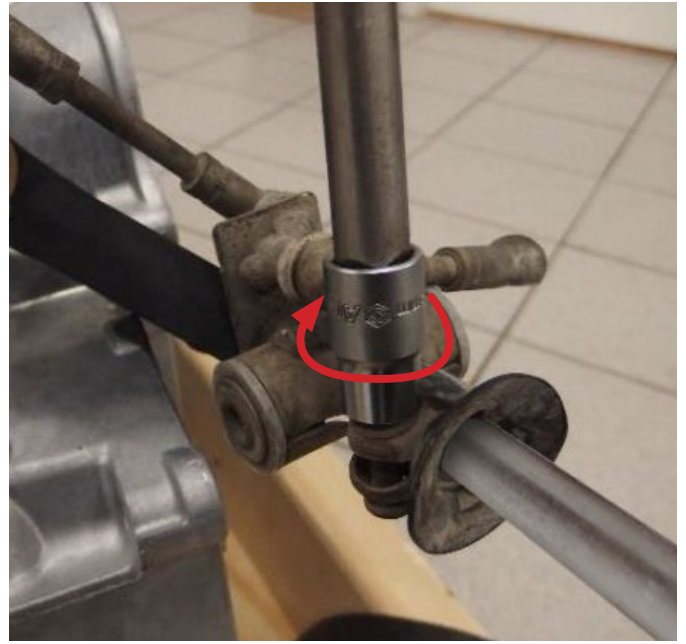


Lift the gear lever gaiter and hold the lever in the fourth gear position.

There are holes for the locking pin in front of the gear lever. Lock with the second locking pin as shown.



Now tighten the clamping socket on the linkage.
Torque: about 25Nm.



Remove the locking pins and reassemble the gaiter on the gear lever and the plastic plug in the gearbox.

If you have any issues, questions or feedback
please contact **info@maptun.com**



MAPTUN PERFORMANCE AB

 +46 19 23 70 30

 INFO@MAPTUN.COM

 WWW.MAPTUN.COM