

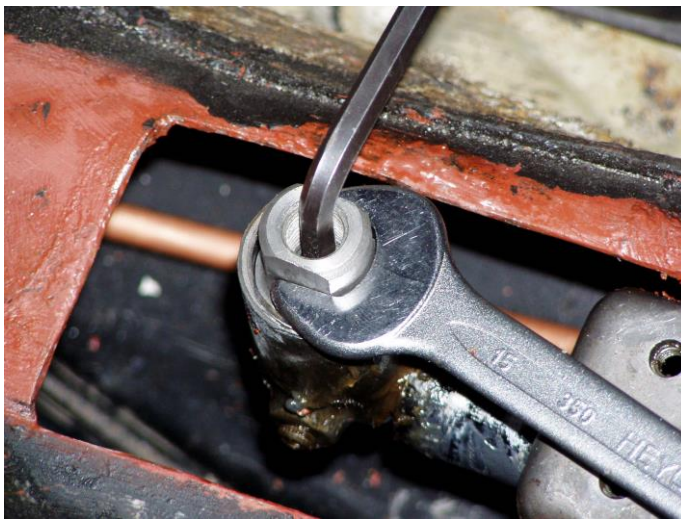
## CAE ULTRA SHIFTER INSTALLATION MANUAL VW BEETLE



The Shifter is designed for racing vehicles with no interior. If center console should be mounted cut it out as necessary

Possibly the handbrake must be shortened. (available from GWD.de)

- Remove the Stock Shift Lever completely
- The CAE Shifter should be screwed to the metal of the center tunnel.
- Degrease the Shift rod hole to install the clamp.
- Check the cardan at the back end of the gear shift joint for absence of play and replace if necessary
- Put the clamp in the rod hole and clamp with set screw Hex 6mm, it have to be screwed really tight



- screw joint rod into the clamp and counter by the Hex Nut 19mm Grease the bottom hole in the shift lever for fitting the pivot rod
- Now screw the Shifter main unit down to the Tunnel sheet, thereby introduce the pivot rod into the shifter.
- For better lateral stability drill two 5mm holes in the base plate and cut 6mm threads cut into them. Fix shift lever bracket with two additional M6er screws. Maybe due to the different tunnel designs and tolerances for horizontal alignment it can be necessary to underpin the base plate with washers.

### **Tune the shifting range 4 Speed**



- Select the 3rd gear manually. To select it, pull the gearshift-lever easy forewards and right.
- Now screw the X Screw to the pin and adjust the lower spring stop under the unit with Allen wrench.
- Gear 3&4 must fit now, in this position the gearshift should be slightly turned to the right
- Now select gear 1 or 2 with the gearshift and turn stop screw Y until these gears can be selected clearly.
- Pull the Reverse gear stop bolt and enter reverse gear. Turn stop screw Z until the rear gear can be selected clearly.
- Check all functions while driving the car and if necessary adjust again