

**INSTALLATION MANUAL**  
**CAE ULTRA SHIFTER**  
**PORSCHE 964 C2 UND 993**  
**ART NO 10064**



The CAE shifter is designed for Porsche's cars without interior equipment. If center console is mounted, it must be removed or modified to achieve an acceptable space for the shifter. The new unit should be mounted directly on to the floorboard, so part of the carpet must be removed.

**WARNING!**

**Due to the design of motor sport and therefore missing rubber damping elements engine and transmission noises and vibrations may transmitted into the interior**

**To avoid rust film, clean the steel parts with oil ever so often. To clean the Alu-parts use ethyl alcohol**

**Basic Information:**  
***Glue all Nuts and Screws after installation***

***The Mail Bolt of the Shift-rod have to be greased good all time.  
Also grease all joints often for pefect funktion long time***

**REMOVING STOCK  
SHIFTER**

- Remove shift booth with gearknob from the Lever
- Remove the Center console, also baseplate and Rubber sealing
- Raise the vehicle safely on car lift and expand underbody paneling
- Reinstall the stock shifter completely, incl shift rod.
- **The fixing Screw of the Rod-Joint will be reinstalled**



**BODYWORK**

- Cut out the backwards sheet to give enough space for the rod as shown in this pic.

**INSTALLATION SHIFT ROD**

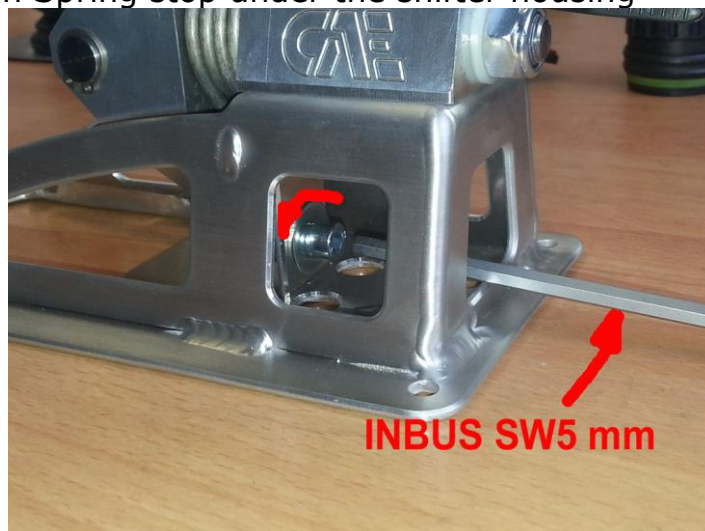
- Move the Shift rod from inside through the extended Hole to the gearbox
- Insatall the stock rubber boot on to the rod
- Mount the rod similar to the stock part, tighten it with the screw and put the Rubber over all  
Glue the screw with Loctite



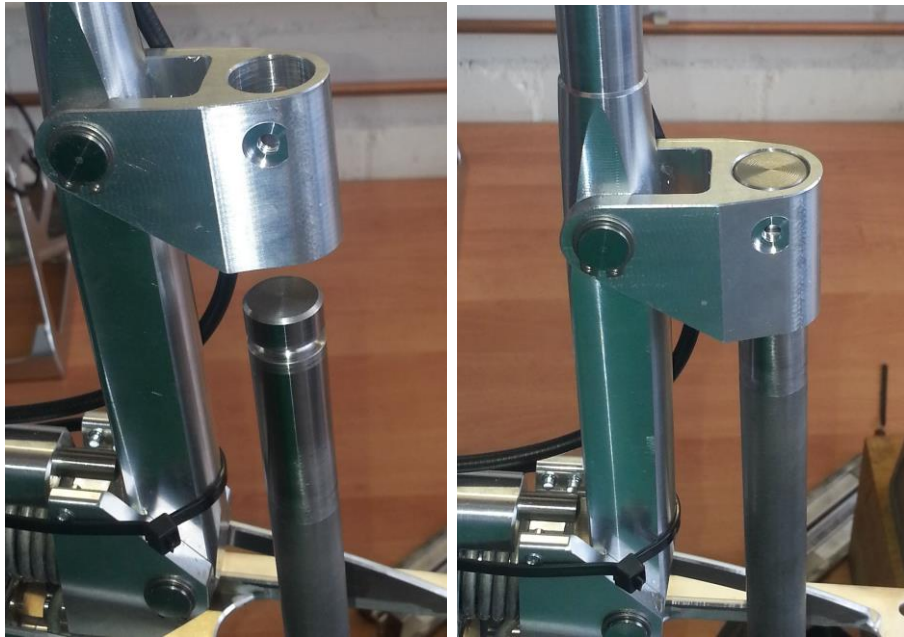
### **INSTALLATION CAE SHIFTER**

!!! Grease the mainbolt and the female fork good before assambling !!!

- Put the cover sheet with the Rubber booth over the shift rod to the tunnel sheet
- Loosen the Main Spring stop under the shifter housing



- Set on the shifter on to the Middeltunnel and fit the Main bolt into the Fork  
!!!Grease them good !!!



- Screw the shifter on to the Tunnel with M6x16 Screw and dashers.
- Secure the Mainbolt with special screw, the Bolt have to be turnable:
- **These pics show the turnable mainbolt principle:** The Screw fix the Mainbolt just vertically



Tighten the screw lightly and fix it with the wire.

**The Mainbolt have to be turnable !!!.**





***Grease the unit often with good spray oil.***

**We recommend Würth HHS2000**



### **TUNIG THE SHIFTRANGE 5& 6 SPEED GEARBOXES**

- Select 3.or 4th Gear by moving lever for- or backwards
- Now tighten the Main spring stop under the Shifter housing  
Control: 3rd / 4th Gear can be switched easy and at selected gear the lever has the same space to right and left . If unbalanced readjust until its ok
- Now Use the lever for searching 1 / 2 gear , adjust screw **X** till 1st and 2nd gear fits perfect.

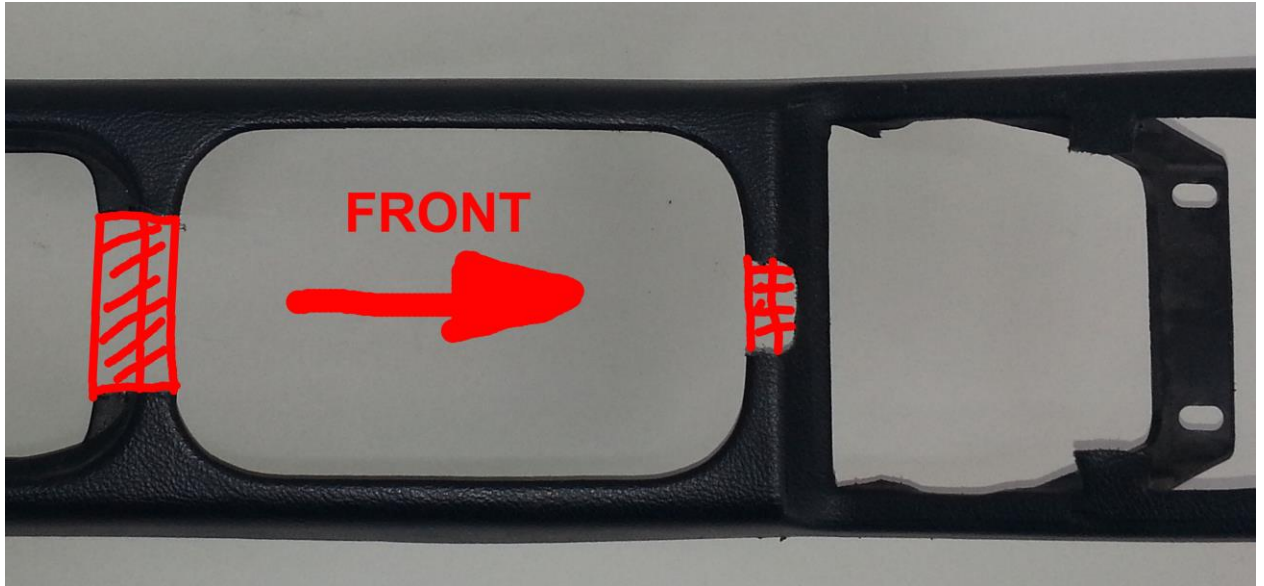


- Then switch gears via the gearshift lever in Level 5/6. and screw the stop screw **Y** until the 5th /( 6<sup>th</sup>) Gear can insert clean.
- Pull reverse lock mechanism and switch the reverse gear  
Adjust screw **Z** till Reverse gear fits perfect.

**Check all functions and tune if necessary  
while driving the car.  
Wrong adjustment will destroy your gearbox !!**

**EDITING THE TRIM PARTS**

- Modify trim parts as shown in these pics



CAE Shifting Technology wishes you a good trip

If you experience any problems or questions, please contact us absolutely, we need YOUR feedback to improve our products