

## Procedures for disassembling and assembling Faraday Rotator.

1. Unscrew the butt-ends 4 and 5 and remove the tube with TGG rod.
2. Clean both surfaces of the TGG rod and Aluminum tube 6.
3. If there is a need, unglue the TGG rod from internal tube 6 surface. In order to unglue it, put the TGG rod in acetone for a few hours. After removal of the rod, clean both surfaces again as well as the tube 6.
4. Glue the TGG rod 7 to tube 6 at the right position (checked and tested at Passat to guarantee 45° rotation)
5. Sandwich the tube 6 between butt-ends 4 and 5, and lock it up by tightening units 4 and 5. This forms an independent TGG holder unit.
6. Screw the independent TGG holder unit into unit 1. The right position should be determined by locking nut 3, which location had been marked before disassembling.

*Reverse the procedures for disassembling.*

