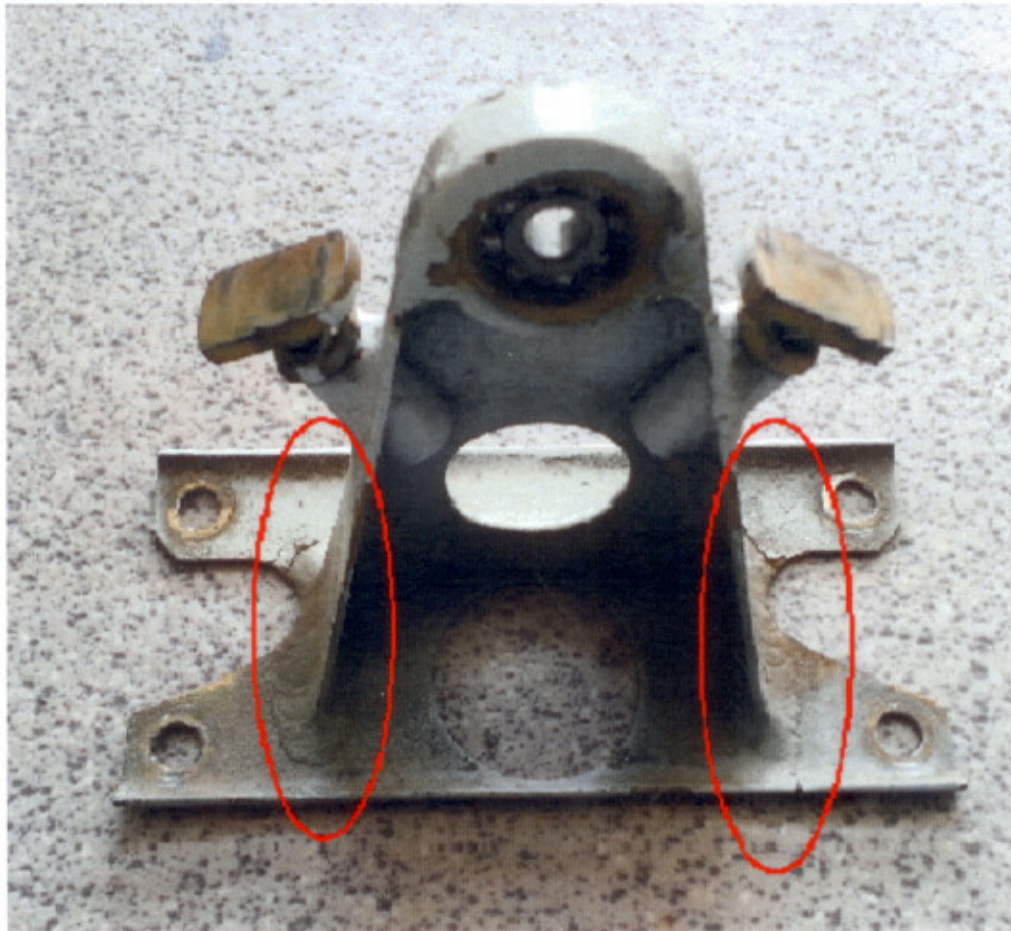


## Work procedure

### Step 3.1.:

Clean the bottom rudder hinge and with sufficient light (additional light source recommended) carry out visual inspection around the weld joints as per the picture below.

Update the glider documentation with the inspection details as per Step 3.1 and inform the TC holder about the inspection results.



### Step 3.2.:

1. Dismantle the horizontal tail unit and fin cowling – HTU.
2. Dismantle the control stick cover and release the steering cables turnbuckles.
3. Detach the steering cables and dismantle the rudder.

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4. Clean the bottom rudder hinge and using a magnifying glass of at least 5x magnification carry out a visual inspection of the lower fin rudder hinge checking for cracks, especially around mounting screws. If unsure about the presence of cracks, dismantle the bottom rudder hinge, remove the coat of paint and carry out a capillary defectoscopy inspection.

If the capillary defectoscopy show no cracks, clean the bottom rudder hinge, re-paint and re-assemble it.

5. Assemble the rudder, attach and tighten the steering cables.
6. Check the freedom of movement of the rudder controls and confirm the adjustment of the neutral position and demand of the rudder.
7. Assemble the control stick cover.
8. Assemble the cowling fin – HTU and HTU.
9. Update the glider documentation with the inspection details as per Step 3.2 and inform the TC holder about the inspection results.

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