

**Safety - check of the BING - carburetors used in all
ROTAX UL - engines****1) General information:**

Premature wear on carburetor-parts e.g. jet needle, needle clip and float can cause engine troubles, engine stoppage or emergency landing.

Critical are those cases, where the jet needle rotates because of vibrations, caused by a loose fit of the needle clip.

2) Immediate check:

2.1) Check **jet needle** (fig. 1) and **needle clip** (fig. 2) for wear. If you can detect any wear in the ring groove of the jet needle (see arrow) renew both parts immediately.

2.2) **Float** (fig. 3): Formerly the float had a aluminium-tube-guide which was flanged on both ends. If the material of the floats is broken at the guide tube or if guide is worn, exchange both floats. Carb jets might be blocked.

The aluminium-tube-guide was replaced by a not flanged brass-guide with better sliding-quality. Make the check on floats with brass-guide too.

3) 50 - hours check:

Carry out check according to item 2 every 50 hours of operation. (See Maintenance plan SI 3 UL 91 - E)

