FLOAT LEVEL - ICH, ICT & DICA

It is essential that the following directions be complied with in order to obtain correct leveling of the float.

- Make sure (only for brass float) that the same does not show any pit. Check that the float can freely slide on its axis.
- Make sure that the needle valve is tightly screwed in its housing and that the pin ball of the dampening device, incorporated in the needle, is not jammed.
- Keep the carburetor cover in the vertical position, since the weight of the float could lower the pin ball fitted on the needle.
- Make sure that the float clip is perpendicular to the needle and does not have any indentation on the contact surface which might affect the free movement of the needle itself.
- With carburetor cover in the vertical position, and float clip in light contact with the pin ball on the needle, the distance of the float from the upper surface of carburetor cover (with gasket fitted) must measure 6.5mm for brass float, and 36mm for plastic float.
- After leveling has been done check that the stroke of the brass float is 6.5mm, and the plastic float is 8.5mm. If necessary adjust the position of the lug.
- Check that the return hook of the needle allows it free movement on its seat.

NOTE: The operations of the leveling float must be carried out whenever it is necessary to replace float or fuel inlet needle valve. In this last case it is advisable to also replace the sealing gasket, making sure that the new needle valve is tightly screwed in its housing.