

# TECHNICAL BULLETIN

No 1/1984

## New Float System For BING Carburetors Type: 53 - 54 - 55 - 84—64—94

For incorporation in BING Slide Carburetors 53, 54, 55, 84, 64 and 94, a new float system is now available, appreciably extending the application range of these carburetors.

Two floats guided on vertical pins in the float cap act separately from each other by their own buoyancy on a common hinge. Float Needle, Retaining Spring and Hinge Pin have been adopted from the previous float system.

Under heavy lateral inclination of the carburetor, only the float located below lifts the hinge. The opposite float falls off, thus not loading the hinge with its own weight, which, in the previous float system, had to be carried by the float located below. Even in a heavy carburettor lateral position, the new float system therefore still reliably regulates the fuel level in the float chamber.

The new system is especially recommended for motorcycles with carburetors installed transversely to the direction of motion, for industrial engines with special inclination performance requirements, for ultra-light aircraft, and the like.

During installation of the new float system in a carburettor, the hinge must be brought to dimension H (Fig.2) by bending the bearing flap for the float needle in contrast to the previous arrangement whereby alignment was according to the float surfaces. H comes to 10.5mm for BING Carburetors 53, 54, 84, 64 and 94 and to 8.5mm for BING Carburetor 55.

### Special hints:

Due to lack of space, float bowls for the new float system contain no over flow tube. At actuation of any available tickler, on the left hand float is depressed, whereas the right hand float lifts the hinge and the valve closes. The tickler is therefore ineffective as a starting aid.

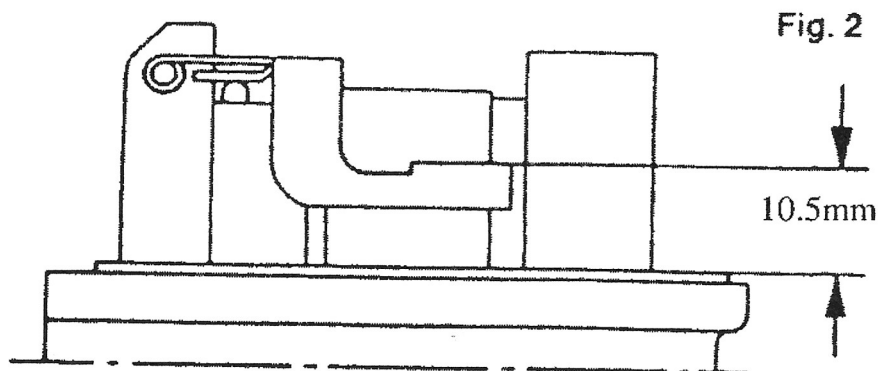


Fig. 2

Part # 35-F& B Kit