

## EXPLANATION OF OPERATION

### “BING” FLOAT & BOWL KIT FOR BMW MOTORCYCLES

The bowl kit consists of a completely different configuration zinc bowl, two rectangular plastic floats, a separate float arm, a new float needle, with clip, a new hinge pin and a start jet for the cold start circuit, plus instructions.

The benefits to be gained with this are (1) an increase in horsepower at acceleration, (2) increased fuel mileage (average 5 to 7 mpg) and (3) it is 100% Alcohol Proof.

The basis for these gains is the completely different operation of the float system. Picture a glass of water fastened to your handlebars. Upon hard acceleration from a stop, the water would go to the back side of the glass, up and out; the same thing occurs in your fuel bowl! Your present float system is hinged at the back and supported by fuel at the front. During acceleration, the fuel is at the rear of the bowl, not supporting the pair of floats, which in turn fall to wide open position, calling to the fuel system for lots more fuel and it gets all the fuel it asks for. After 200 ft. and decreasing rate of deceleration, the now overabundant supply of fuel begins to level out. The result is an over rich condition of the fuel mixture which results in loss of power, you subconsciously compensate for by this by adding more throttle. The above condition also wastes the excess fuel that was burned during this period

