

FROM THE DESK OF SAVVA - 8



Motorcycles

Setting the Float Height on an AMAL Monobloc Carburetor

So often many of us motorcyclists experience difficulties with carburetors flooding or suffering from fuel starvation, together with finding the correct setting of the float height. I certainly hope this garage / workshop tip will be helpful.

If you look on the circular float chamber cover, where it says “ Amal “ – you will see a pip in the casting, just off-centre. This represents the correct height.

To check the float height against the “ pip “ you need a clear piece of tubing, attached to the bottom of the carburetor. The level of fuel in the tube will be the same as the level in the float chamber, and can be measured against the “ pip “.

An old carb bottom nut can be drilled and tapped with a needle jet screwed into it – to make a spigot onto which a battery breather hose can be attached. Fix the pipe alongside the cover, before turning the fuel on. Make sure it doesn't move about, or you will get a false reading. Turn on the petrol, but do not tickle the carb, or you will get a false reading.

“ Always check that floats are airtight, by immersing them in water, and looking for bubbles ” before you this check.

Good luck , ride safely – always