INTERNAL SNAPBACK THROTTLE SETUP

FROM IAN PALMER

As the twist grip is a "push" solid cable for throttle, the internal slide in the handlebar has to be pushed back to it's idle position.

Firstly, the cable inner and outer need to be clean and free moving.
Any corrosion or kinks will add friction.

- **You need to loosen the screw to the cable fastener on the Linkert carb throttle arm.**
- **Remove the rubber twist grip.**
- **Unscrew the handlebar end nut and remove the twist handle.**
- **Remove the locating pin and guide washer from the slide.**
- **Remove the slide and the cable inner.**
- **Make sure that the cable outer is correctly fixed in place with the grub screw from underneath the handlebars.**
- **You now need 2 x Amal 900 series Throttle Slide Springs (you need 2 as there is way more friction in the solid cables). You can get these from amalcarb.co.uk, part number 622/131, £2.48 each (not sure what the postage will be).**
- **You insert these onto the cable inner and push them up to the slide.**
- **9. Now insert the (oil lubricated) inner cable back into the outer cable in the handlebar. Finding the small hole on the outer cable when it's buried inside the handlebars can be a little tricky.....**
- **You will need to push the slide back into the handlebar and hold it in place against the spring tension, while you insert the locating pin and guide washer.**
- **Now install the twist handle and end nut. When you twist the throttle, it should now spring back.**
- **I usually turn the throttle slightly and hold in place before doing up the Linkert cable fastener in the FULLY closed position. This will add a little tension to ensure that it always closes fully to idle.**
- **Lastly, fit the rubber twist grip. You may need to use a rubber adhesive on the grip, as it may slip now it has tension against being twisted.**

As a side note, the throttle may not open fully, but having ridden the bikes, I haven't noticed any need for more throttle movement.....

On a few applications I have also installed an additional small diameter spring, if there was significant friction in the cable movement.

For this, I use the Amal 900 series Air Valve Return Spring, part number 622/129, £1.78 each (might be worth getting one if you are placing an order, although if you don't need it, don't fit it).