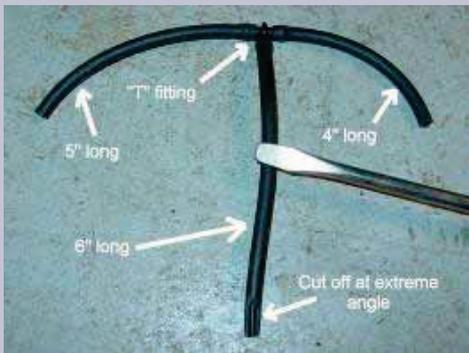


Is your BETA drooling fuel? By Clark Pittman



First, remove the stock, clear plastic hoses



Using 1/8" fuel hose or equivalent, fashion an arrangement of hoses similar to what is shown above using a "tee" fitting to connect the parts



Install your arrangement of hoses as shown, note that you can offset to either side to suit your needs. Use zip ties if required

The BETA Rev-3 line of trials machines represents some of the finest purpose-built motorcycles on the planet. However, for a number of reasons a few individual bikes are plagued by carburetors that vent raw fuel out of the float bowl and onto the engine cases. This not only causes an unsightly mess, but it can waste fuel. Here is an easy-to-do trick that solves the symptoms.

Remove the carb from the bike and take off the factory clear plastic vent tubes as shown. Use appropriate 'fuel-grade' tubing and a small brass or plastic tee make something that looks like the picture to the left. Notice that the left hose is 5" long, the right one is 4" and the middle one is 6" or so. All lengths are approximate.

Use the tee fitting to join the three pieces. Notice that the end of the middle hose is cut off at an extreme angle. You can see it in a couple of the pictures. This will stop the siphon effect and is an important step. Install the assembly and route the hoses for a neat and clean look. This

should take care of the machine venting fuel onto the engine cases.

The reasons this happens are beyond the scope of this newsletter, but suffice to say that BETA owners may want to replace their float needle and seat assembly every couple of years as this may be the source of the problem. I don't really know and I'm only speculating. All I know is this solved the issue on my 250.

Give it a try. It doesn't take long and you'll like the results.

Originally detailed by Billy Traynor.



Once the installation is complete it should look something like this (or neater). The main loop of tubing could go behind the throttle cable for a cleaner look.