

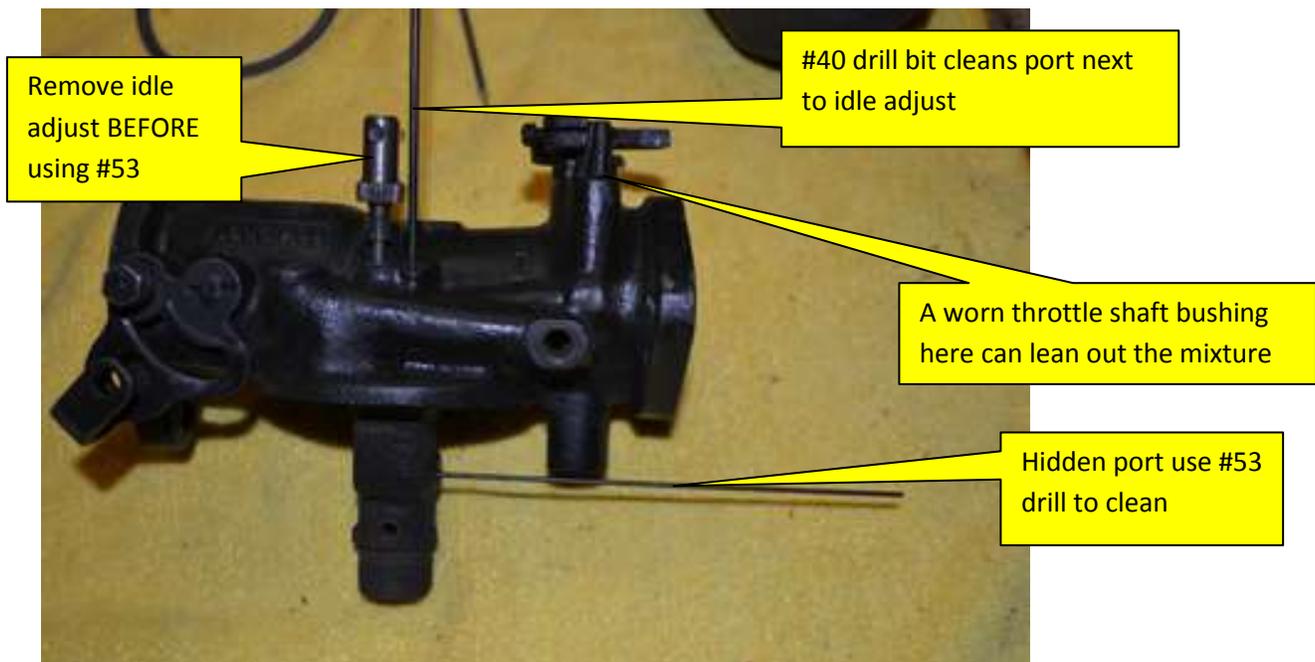
Marvel Schebler DLTX-xx

Engine RUNS BUT WONT IDLE

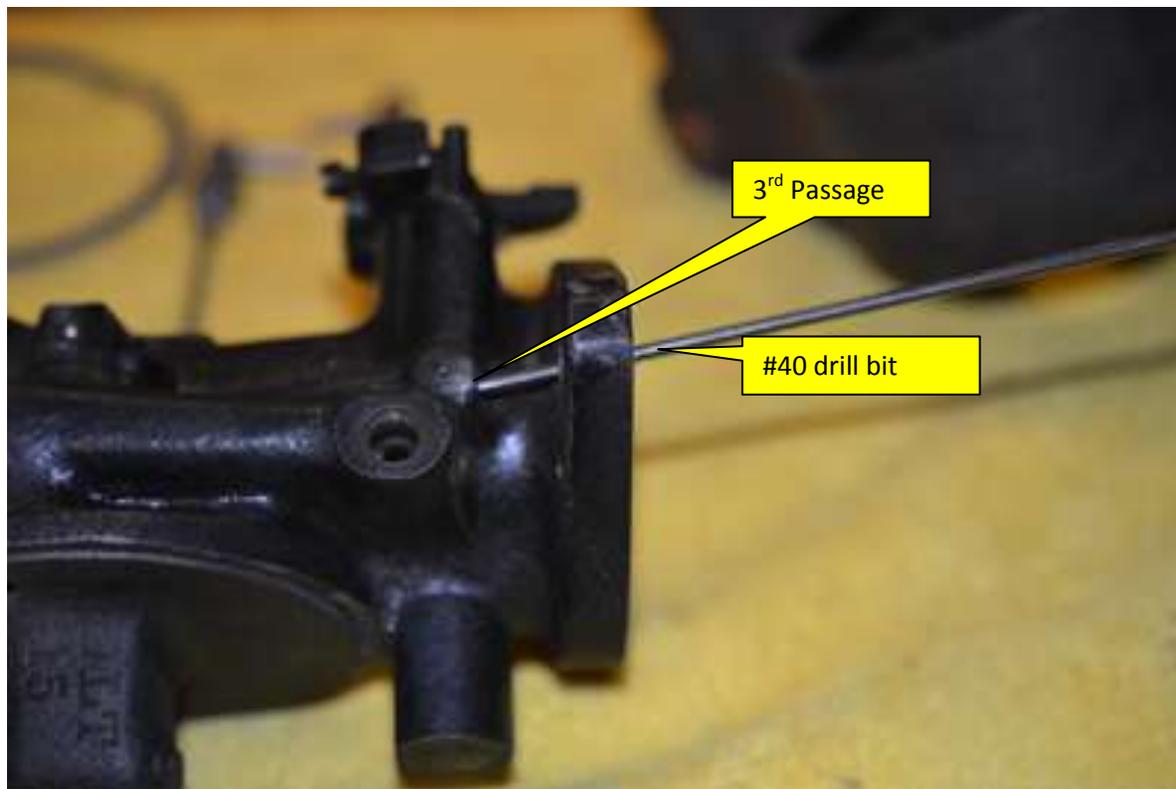
There are three machined passages that can cause most of the problems with this carburetor. They are usually plugged by rust caused by moisture in the fuel. I use ethanol free fuel whenever possible; a fuel shut off valve at the gas tank outlet, and ALWAYS run the carburetor dry.

Another common problem is air entering the carburetor around the throttle shaft. This occurs after many years of dust acting as an abrasive when the throttle is opened and closed. To check: spray a little WD-40 on the bushing and see if the engine rpm changes. Replace the throttle bushings by heating the carburetor body to 150 degrees (in your oven if she who must be obeyed is gone) and freezing the new bushing. Replace the throttle shaft if it is worn, or just for fun since you are here anyway.

You need to purchase two 6 inch long drill bits to clean out these passages: a # 40 and a # 53. When cleaning the passages, twist the bit using your index finger and thumb. Do NOT use an electric drill. Be patient---- grasshopper.



Check ALL passages and clean-clean-clean. Soak the main nozzle in carburetor cleaner and inspect using a bright light.



The tiny brass plugs that seal the machined ports can be easily removed by applying heat, and then waiting for them to cool down. If you don't do this, they will be very hard to remove and you will grrr the slots and say a lot of bad words.

Be patient !

If you read this too late, you can order replacements from several sources.

A good source for me has been Robert's Carburetor Repair in Spencer, Iowa. Robert's part numbers for the drill bits are RC1531 and RC1408. Website is www.robertscarbrepair.com

Frank Stricklin