

Broken Pilot Fuel Screw Removal

by Hoomgar

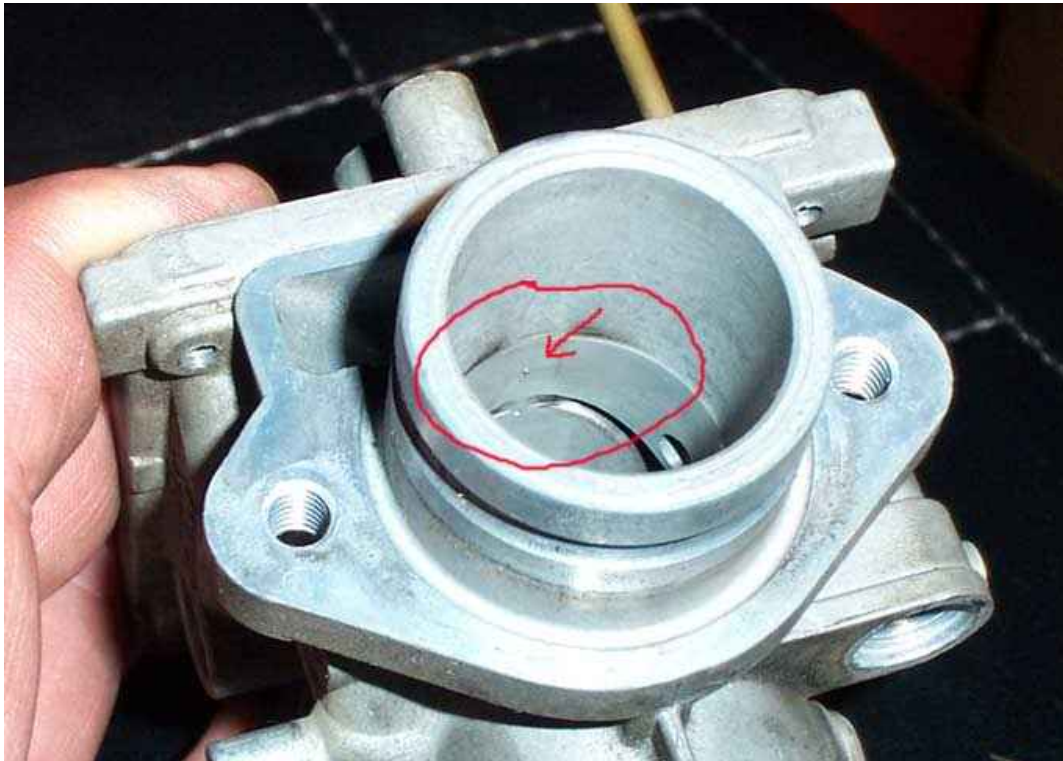
The PO had screwed all four pilot fuel screws up into the carb bodies so tight that they jammed and broke off inside the carb body, plugging the pilot circuit shut. I have seen several threads in the tech section where people have this issue and want to know how to remove them. One thread just this week --> [Click Here](#). Some have suggested drilling as well as other things. It has been stated to use caution because you can damage the hole in the carb body and render the carburetor useless. Well I have found a method that worked for me at least and I want to share it with everyone in hopes it can save us some money and aggravation when needed.

Here is the simple procedure step by step with pics:

First here is what you see when you remove your pilot fuel screws. Some moron has butchered them!



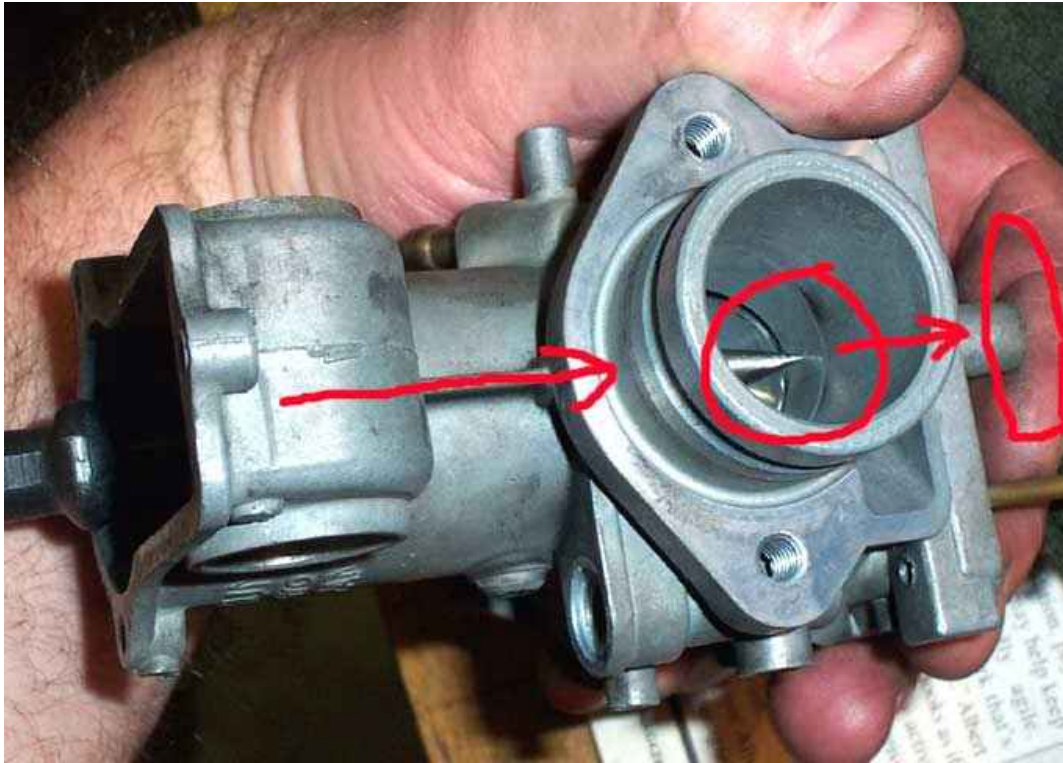
OK so you get over it, have a beer, relax, look at the tip jammed in the carb body:



Sharpen a good scratch awl to a nice sharp point:
[No this isn't to stab the PO with! 😡]



Put the awl down through the slide opening as shown below. Be careful not to scratch the walls of the slide canal. Use very little force, get the awl right on the top of the tip. Use just a small bit of pressure and push straight, do not twist or wiggle. If it doesn't pop right out, reposition and try again. It will pop out. Put your finger over the end as shown to catch it if you want.



Here is proof that this works and they pop right out using this method:



The obstruction is now cleared and you can clean and dip your carb body:



All that is left is to order new pilot fuel screws. They can be found here: <http://www.motorcyclecarbs.com/>

They don't list them on the site but a quick email will return ordering info for them. (You may have to order entire carb kits to get the pilot or mixture screws.)

Thank you Mr. Hoomgar! Don't forget to visit the best motorcycle website and forum on the internet at <http://www.thegsresources.com/>

Edited by BassCliff