



We have packed a lot of information in this email. So please feel free to read it all or just click on the hyperlink (hold the CTRL key on the keyboard) to take you to the section that you need.

Basics

[How to start for the first time](#)

[adjust your idle](#)

[Cleaning the Carb and Fuel Pump](#)

[Are the fuel lines connected correctly](#)

Basics

This is how you start your scooter daily.

- 1) Make sure the Kill switch is on the “Run” Position the open circle. If it is in the “Kill” (X) position, then the motor will not start.
- 2) Make sure your Kick stand is “up”.
- 3) Make sure your Key is in the “on” position.
- 5) Make sure you are holding the Brake lever on the left handlebar firmly.
- 6) Spray starting fluid in the intake manifold, replace hose.
- 7) Twist throttle 2-3 times; Push the start button (maybe black or red) start the motor.



How to start for the first time:

Make sure your **battery has been charged overnight**. If you have tried to start it the day before, charge it. You need a fully charged Battery to start he scooter for the first time.

Check to make sure the Vacuum lines are not pinched like the picture, If they are cut 1 inch off the line that is pinched and reattach so the line is not pinched.



Because the scooter is new it will most likely not start immediately as there is air in the lines. The best way to help remove the air from the lines and get fuel pushed through is to use Starting Fluid any brand will do. There are examples below.



You are going to need find the intake manifold. You can spray directly into your intake manifold indicated by the Yellow square in the 1st picture the orange square in the 2nd picture.

- 1) Before you start the scooter, turn the kill switch to run and pull the throttle 2-3 times no more or you will flood the engine.
- 2) Spray the starting fluid in the intake manifold or the hose either works use the included straw and spray 2-3 short sprays of the starting fluid.
- 3) Quickly before the starting fluid evaporates replace the intake hose, Hold the brake and push the start button. Then twist the throttle and feather it slightly back and forth to keep it running. Don't turn it all the way or it will get a ton of fuel and you will flood it. Once it floods, it takes a lot longer to get it started.

You will have to do this 2-3 times before you notice that the scooter actually starts, and several before the scooter actually stays running. This is normal. The air is being pushed out of the lines and being replaced by gas. The air that is in the lines will cause an air bubble in the gas being put in the engine and the engine will die. Be patient, this could take 5 minutes or 45 minutes. Once you get it started, you need to feather the throttle lightly back and forth to keep it running. This part takes practice, too much throttle and you will flood it and it will die, not enough throttle and it will die. The scooter will probably die a few times, that's ok... keep it up!

Once you get it running then you need to adjust your idle.

Here are the carb idle adjustment instructions:

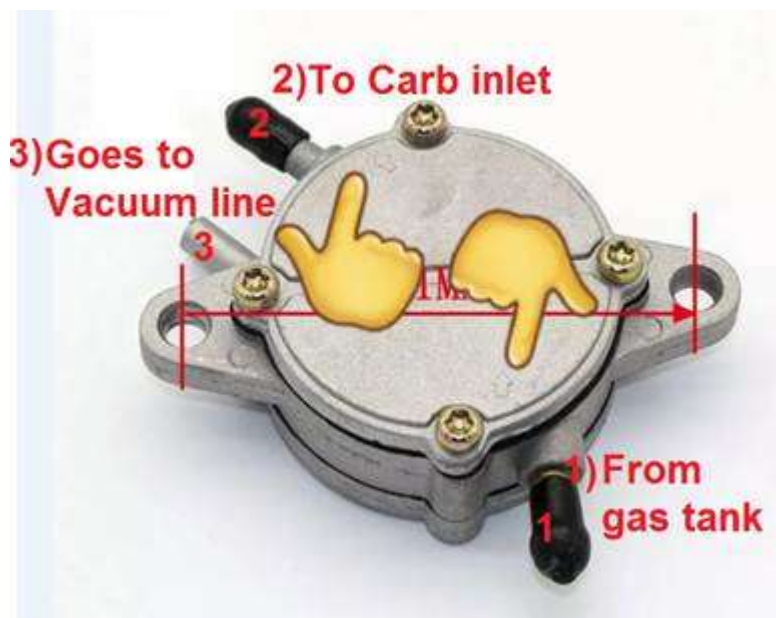
First put your scooter on the center stand so the back tire is off the ground. Let your scooter warm up for 5-10 minutes (you can ride it around if you like).

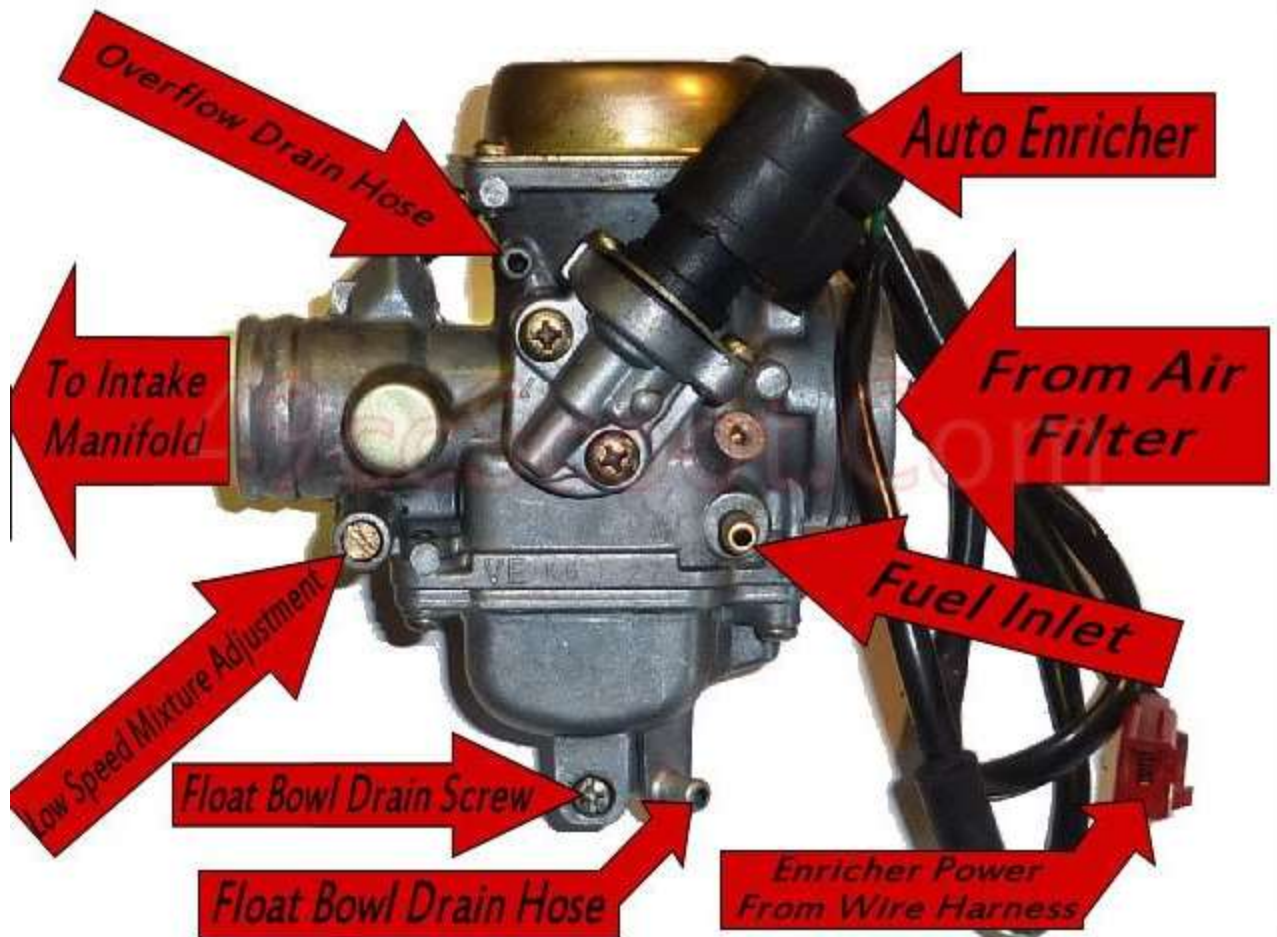
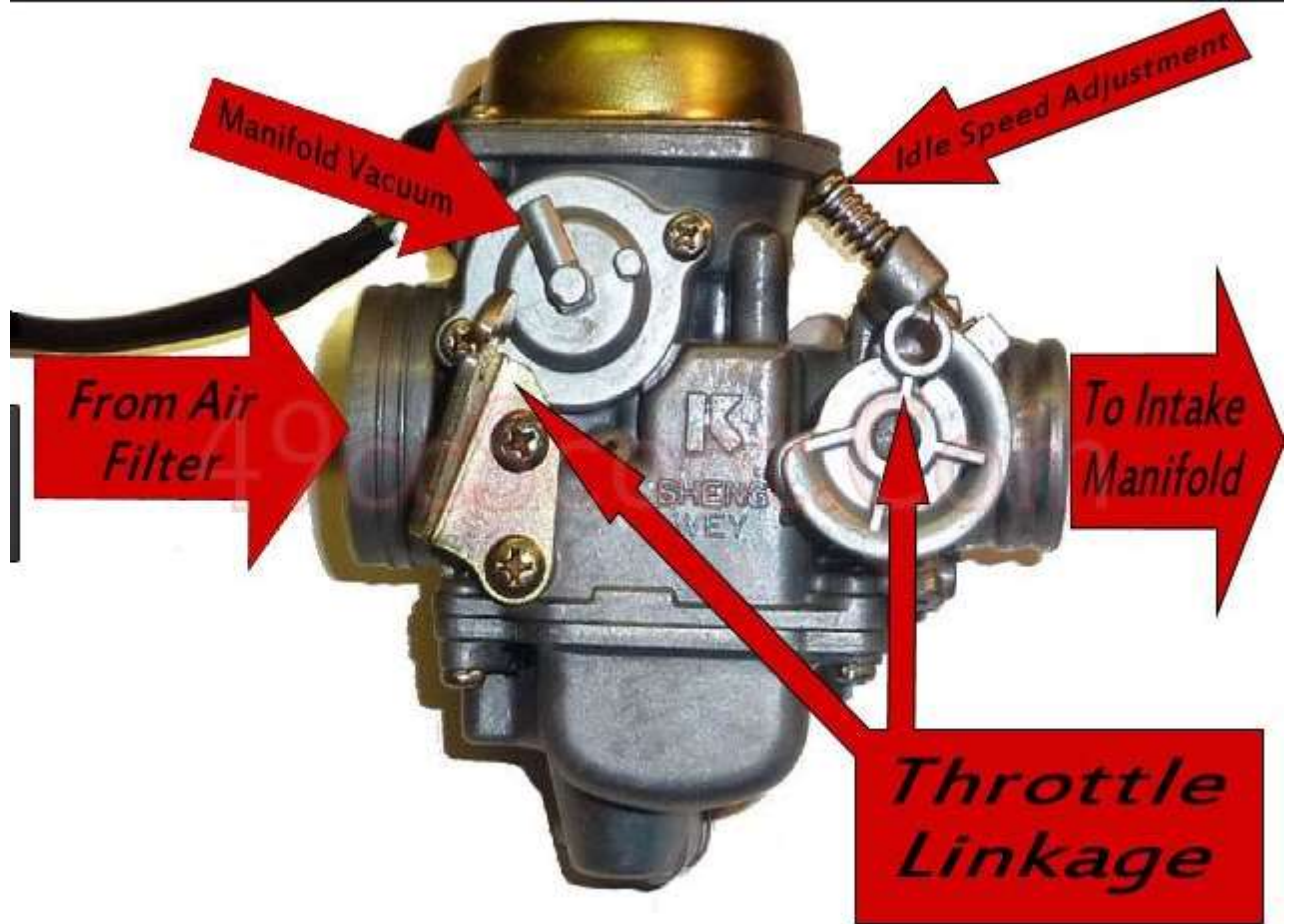
Turn your scooter off, make sure it is on the Center Stand. Adjust your carb by finding the idle screw (pictured below, screw with the spring) turn the idle screw (with the spring on it) all the way to the right this should lower it, then turn it 1 turn to the left, this is "base line" what the carb should have been set to at the factory.

If there is a cap on the idle screw, please remove it. You can pry it off with needle nose pliers.

This screw controls the idle speed. Once your scooter has warmed up, you want to turn the screw to the left 1/8 of a turn, so that the engine reeves up, but does not actually move the rear tire on its own. Keep doing the 1/8 turns until the rear tire starts to move. Once it moves go back a 1/8 of a turn this is your correct idle setting.

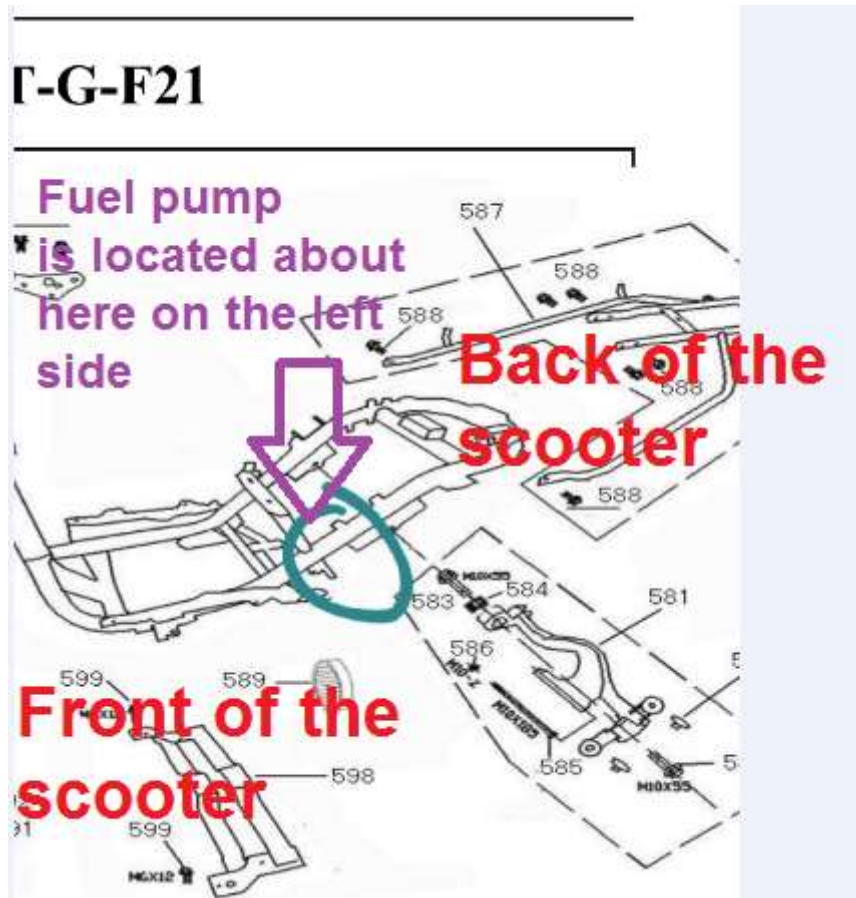
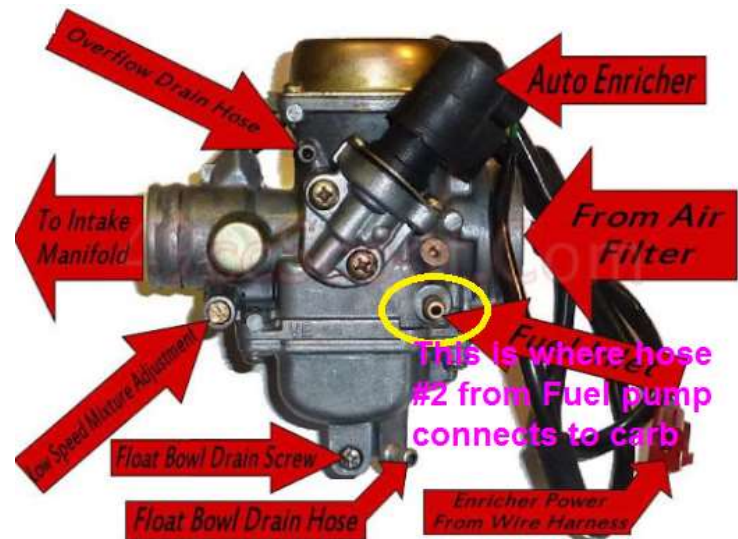
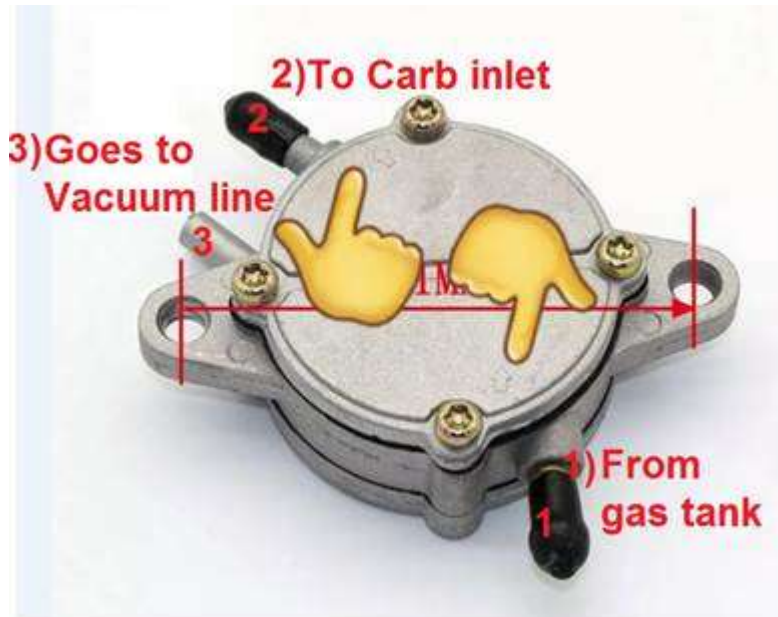
Ride your scooter around and see if this fixes the issue, if not make more adjustments.





Fuel Lines Connected Correctly?

Check to see that all the lines are connected and functional. You will need a glass jar and some pliers. Check to make sure the Fuel lines are in the right place. It has happened where the fuel lines and vacuum lines have been put on incorrectly. Check the diagram below. Locate the fuel pump. There will be 3 connections, one from the gas tank, then two others that are close together. The one FARETHEST away from the mounting hole goes to the CARB. This is indicated on the diagram as #2, that should be connected to the carb at the fuel inlet. If it is not, please correct the hoses. Try to start the scooter see it is trying to start. This may solve your issue, if not please move to the next step.



Let's see where the fuel is stopping.

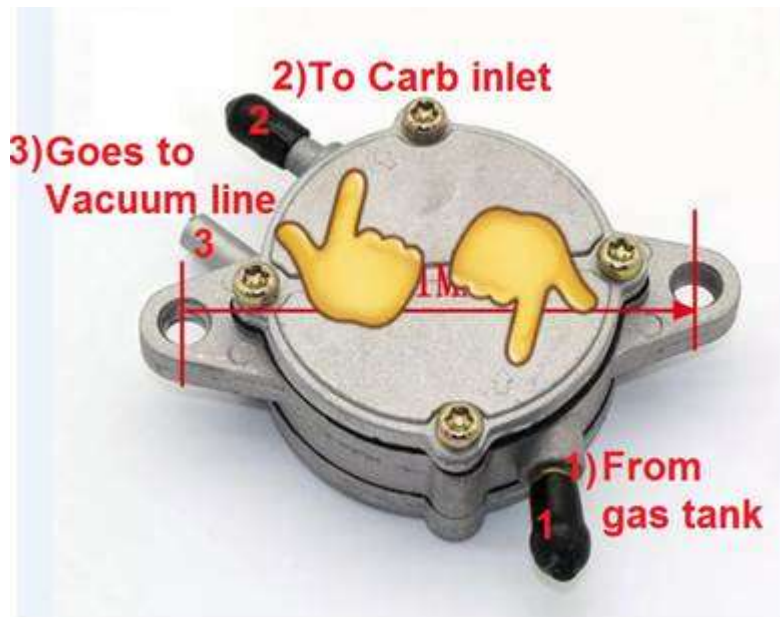
Possible causes 1) air bubble in the gas tank causing the gas to be unable to flow. 2) clogged fuel pump 3) clogged carb

- 1) Start at the fuel pump. Follow the line from the fuel out to the carb. Remove the end connected to either the fuel filter or the carb. Put that hose in a jar and try to start it, you should see gas flowing. If not gas, remove the gas cap and try again. Reconnect the lines. If gas is flowing after you opened the gas cap then there is a vacuum issue and the issue is not the fuel pump. You will need to drill a small hole in the gas cap for a vent. If there is not fuel coming out, test the line coming from the gas tank at step 3 to make sure the fuel pump is the issue and not an air bubble in the gas tank.
- 2) Test the gas tank. Remove the gas tank cap. Find the hose from the gas tank, follow that to the next connection.

Should be either the fuel pump or the fuel filter, Bikes are assembled differently so either one. Have the glass jar ready.

Remove the hose from the fuel pump/filter and put it in the gas jar. Try to start the scooter, gas should pour out into the Glass jar. If no gas try several times as there could be an air bubble clogging the line. If after 4-5 times no gas Reconnect the hose and contact us.

If the gas comes thru the line, try to start the scooter.



To test the carburetor, you will need to remove the spark plug.

- 1) Check for spark by removing the spark plug and setting in on the metal engine. Watch this video on how to.
- 2) and use 2 short bursts of starting fluid in the spark plug opening. Replace sparkplug and try to start.

Cleaning the carburetor:

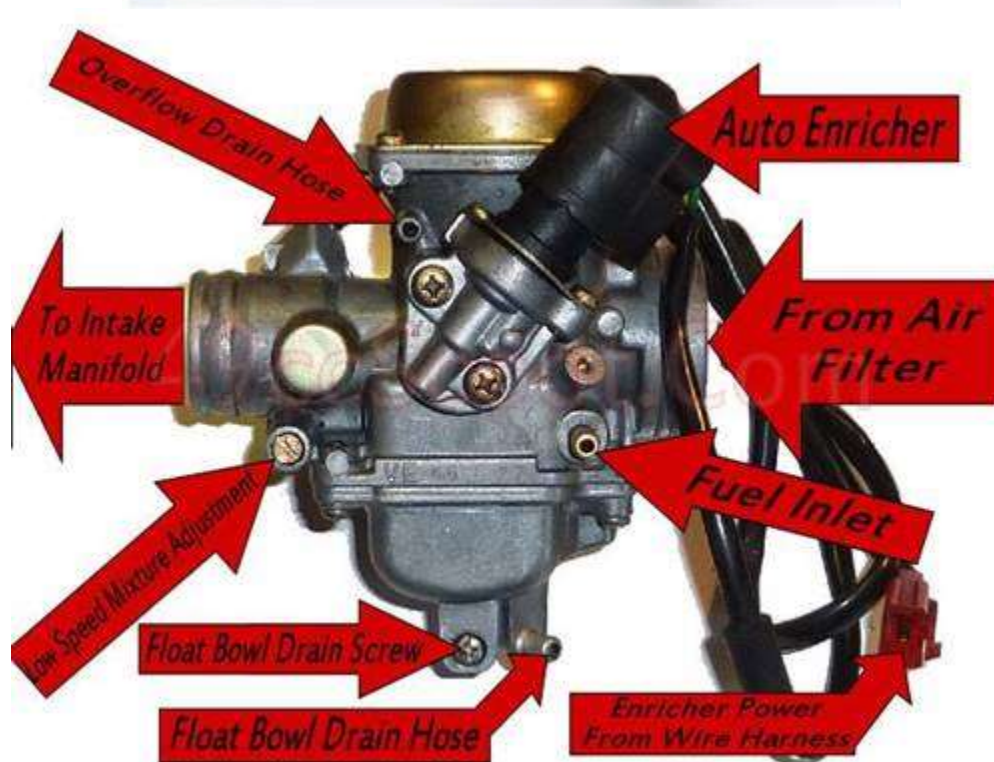
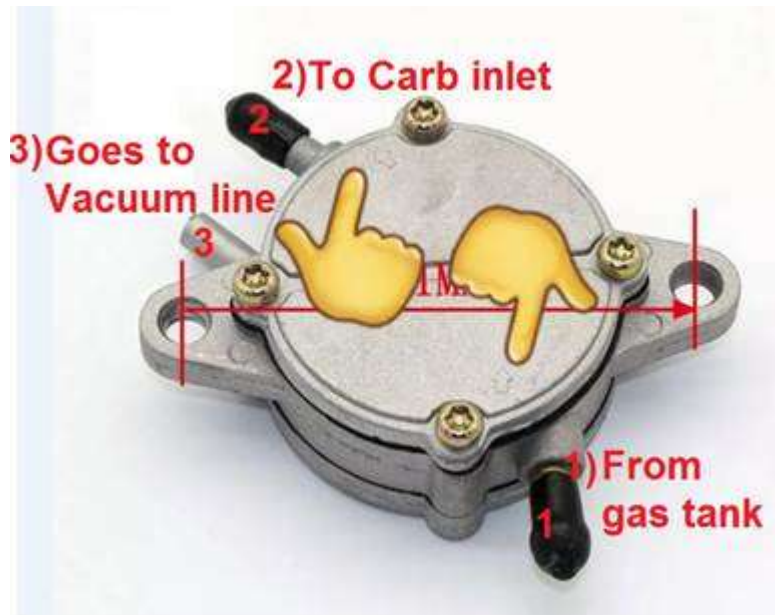
You need carb/fuel injector cleaner, Glass shot glass, glass Jar (in case any gas leaks out of the lines.)

- 1) Locate the fuel inlet on your carb.
- 2) Follow the line to either the fuel filter or the fuel pump depending on your unit.
- 3) Remove the hose from either the fuel pump or fuel filter that leads to the carb inlet.
- 4) get some fuel carb cleaner take a shot glass and fill about full of the carb fuel injector cleaner.
- 5) Put the fuel line in the shot glass and turn the bike over so the carb sucks up some cleaner. DO not start the bike, just turn it over so it pulls in the carb cleaner.

- 6) Re attach the line to the fuel pump/fuel filter Let sit for 45-60 min.
- 7) After 45-60 min try to start the vehicle. If it starts right away and runs good, then you are done, if not repeat the process. May take 2-3 times to fully clean the carb.

You can do the same thing with the fuel pump to clean it. Remove the line from the gas tank and put the glass jar under the tank to catch any gas.

The use the shot glass and put the fuel pump hose in it and try to start the vehicle. Give it 45-60 min then start the bike.



Bogging down

<https://www.youtube.com/watch?v=rbH9yp2kwM8>

Keep your fuel system clean using a fuel additive such as the one below to keep your carb from getting clogged and needing to be cleaned or replaced.



Lucas Oil
Lucas Oil 10020 Fuel Treatment 5.25 Ounce Automotive Additive
★★★★★ (4.8) 205 reviews

\$4.49

[Buy now](#) [Add to cart](#)

Review and buy this item in one secure step. Close

AUTOBARN.COM, INC. DM, INC. |
★★★★★ 97 seller reviews

Free 30-Day returns [Details](#)

Add to list Add to registry

More seller options (11)
Starting from \$4.86
[Compare all sellers](#)

Get free delivery, shipping and more*
*Restrictions apply [Start your free trial](#)