

47cc Pocketbike Fuel Line Kit Installation Instructions

Contents:

3ft - 1/8" fuel line
1 - Billet fuel filter
1 - 1/8" hose connector
1 - 5/16" x 1/8" reducer
4 - Zip ties

Tools needed:

Hand drill
1/4" drill bit

Note:

This fuel line kit requires that a hole be drilled in gas tank to install a return line for carbs that require the use of a return and a supply line.

Read instructions through completely before installing!

Step 1

Remove the top seat/gas tank fairing. Then drain & remove the fuel tank.

Step 2

Drill a 1/4" hole in the bottom of the fuel tank, picking a location that will not interfere with the frame. Take care in drilling the hole, as you only have one chance at it. If you drill the hole to big or oblong the hole, the fuel line will leak.

Drill your fuel tank at your own risk!

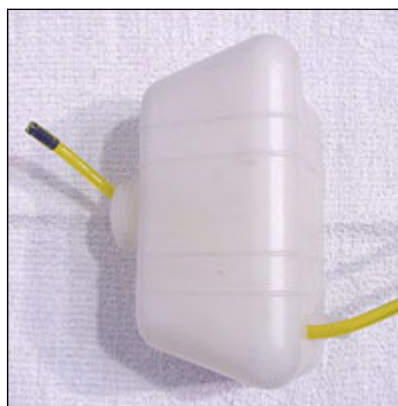


Step 3

Insert the 1/8" fuel line into hole drilled in tank, pushing the line in until you can pull it out of the top of the tank.

Push the 1/8" plastic fitting into the end of the fuel line stick out of the top of the tank. Be sure that you push the fitting all of the way into the fuel line until it is flush.

Pull the fuel line from the bottom of the tank until the fitting just starts to come through the hole, creating a seal.



Step 3

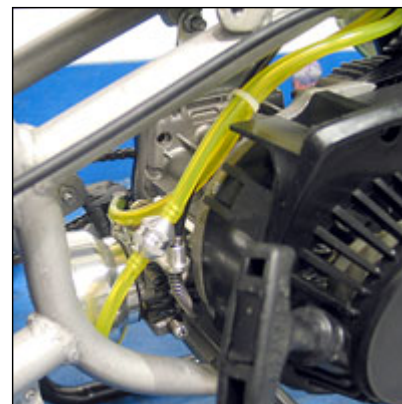
It will be necessary to temporarily set the fuel tank on the frame to measure for proper fuel line lengths. You may need to take the tank on and off a few times to complete the procedure below. Make sure to use the top fairing to locate the tank in the correct place.

Cut the fuel line to length, connecting it to the return line on the carb. You will need to refer to the instructions that came with your hp carb kit to determine which line on the carb is the return line. The carb will work if the lines are reversed, but the fuel filter will not be installed in the correct line and eventually the carb can become plugged with debris from the tank.

Install the 5/16" to 1/8" reducer in the stock fuel line, trimming the stock fuel line near the tank. Do not cut the stock line too short as this line is stiff and it can easily come off the nipple on the tank if bent too sharply.

Connect the remaining piece of 1/8" fuel line to the reducer and then connect it to the carb, trimming as necessary.

Find a spot in the fuel in line that was just installed to install the billet fuel filter. Cut the fuel line and install the filter. It is best to find a spot where the filter will not make contact with any other parts, so that it does not rattle when riding.



Step 4

Use the supplied zip ties to secure the fuel line to the frame. Do not let the fuel line come in contact with the exhaust pipe or engine.

You can also zip tie your tank to the frame, as shown in the picture. This is not necessary, but it helps to keep the tank in place.

Inspect all connections.



Step 5

Re-install the top seat/tank fairing. Re-fuel and install the gas cap. Check for leaks. If there are any leaks in the fuel system, you will need to repair the leaks before starting the engine.

Do not run the engine if there is fuel leaking!