

VACUUM LINE INSTALLATION GUIDE

Volume

1

GOKARTSUSA

Kinroad GY6 150

Vacuum Line Installation

GY6 150 DUNE BUGGY

Vacuum Line Installation Guide



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Chapter

1

Vacuum System

Kinroad has upgraded the carburetor on many of their 150cc engines to include a vacuum line. If your Kinroad 150 has a vacuum line, this manual will guide you with installation. This publication will serve as a general guideline only and is NOT model specific.

Your Buggy will not start or operate properly if the Fuel and Vacuum Lines are not properly installed.

Many 150 Buggies DO NOT utilize a vacuum line. If your 150 has 2 lines coming out of the Fuel Valve on the Fuel Tank, one Line, usually the one with a Fuel Filter connected to it, is the Fuel Line. The other line is the Vacuum Line. Proper installation of the Vacuum Line is important because it opens the Fuel Valve with Vacuum.

Components: Some GY6 150 engines have five fuel components which require proper installation. The **Fuel Tank, Fuel Line, Vacuum Line, Carburetor and Fuel Valve** all require proper installation prior to operation.

COMPONENTS

- Fuel Tank
 - Fuel Line
 - Vacuum Line
 - Carburetor
 - Fuel Valve
-

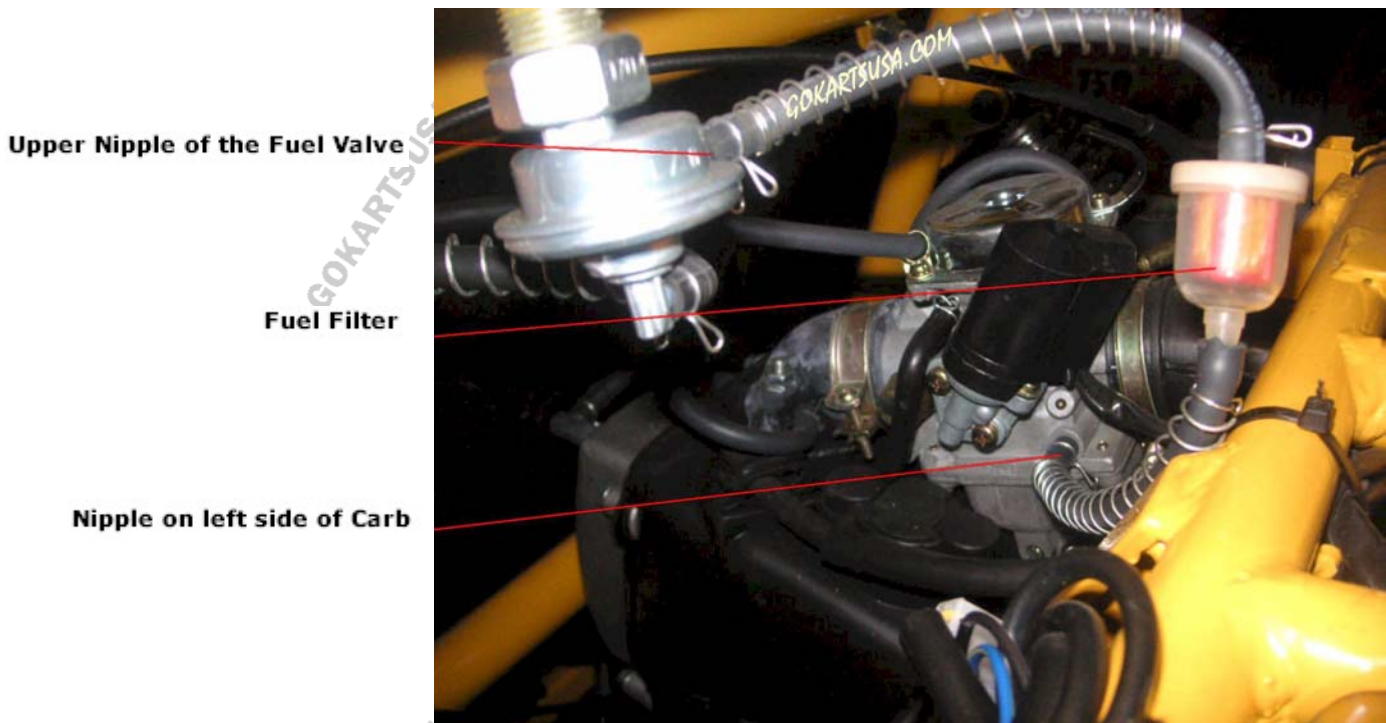
How to Install the Fuel Line

Fuel Line

Identify the Fuel Line. Many 150 Buggies have 2 lines coming out of the Fuel Valve. One Line, usually the one with a Fuel Filter connected to it, is the Fuel Line. On most models, the Fuel Line is connected to the Upper Nipple on the Fuel Valve

The other line is the Vacuum Line.

First, connect the Fuel Line to the brass nipple on the left side of the Carburetor and fasten with the butterfly clamp provided. Next, connect the in-line Fuel Filter and connect the second section of the Fuel Line to the upper nipple on the Fuel Valve.

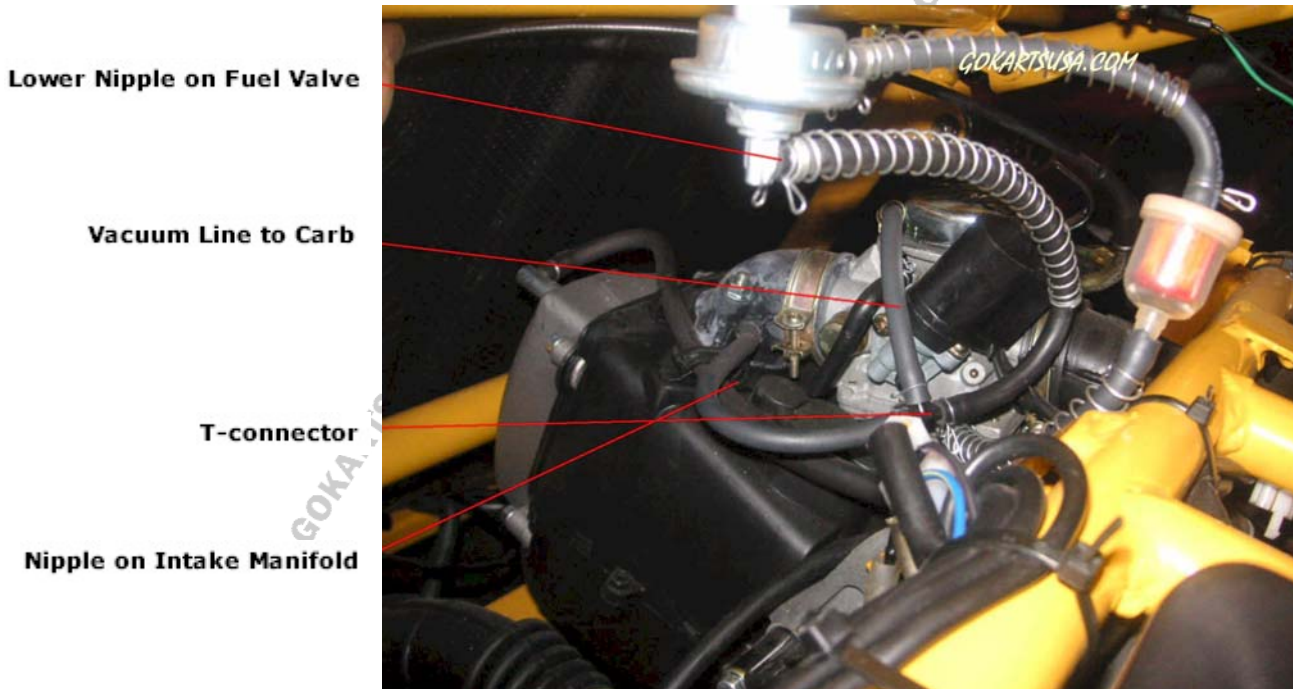


How to Install the Vacuum Line

Vacuum Line

The remaining line connected to the Fuel Valve is the Vacuum Line. The Vacuum Line is usually connected to the lower nipple on the Fuel Valve on most models. Proper installation of the Vacuum Line is important because it opens the Fuel Valve with Vacuum.

Connect the Fuel Valve's vacuum line to the engine's vacuum T-connector as shown below:



Connect the middle vacuum line on the T-connector to the top of the carburetor. Connect the left vacuum line on the T-connector to the nipple on the carburetor Intake Manifold