

FUEL SYSTEM INSTALLATION GUIDE

Volume

1

GOKARTSUSA

GY6 150, CN250

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Fuel System Installation

GY6 150, CN250 DUNE BUGGY

Fuel Line Installation Guide



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Table of Contents

CHAPTER 1

Fuel System	4
How to Install the Fuel System	5
Fuel Line	5
Vacuum Line	6

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Chapter

1

Fuel System

Many customers ask questions or report problems regarding Fuel Line Installation on 150 and 250 Buggies. The Owner's Guides are generally lacking clear information on this procedure. This document shall serve as a general guideline only and is NOT model specific.

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

Most 150 and 250 Buggies have 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: GY6 and CN 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 System

Fuel Line

Identify the Fuel Line. Most 150 and 250 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.

The other line is the Vacuum Line.

First, connect the fuel line to its nipple on the carburetor and fasten with the butterfly clamp provided.



Vacuum Line

The remaining line connected to the Fuel Valve is the Vacuum Line. 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 engines vacuum Y-connector as shown below:



NOTE: Sometimes, the factory will plug the Y-connector into the Carburetor drain hose for shipment. If this is the case, disconnect the Y-connector, and then insert the Y-connector into the fuel tank's vacuum line.