



INSTALLATION INSTRUCTIONS

SUMMIT RACING ADJUSTABLE FUEL LINE for Holley Dual Feed Carburetors SUM-G3120-2 and SUM-G3120-8

Thank you for purchasing this Summit Racing Adjustable Fuel Line for Holley dual feed carburetors. Please follow the steps outlined in this guide to ensure that your fuel line is installed correctly.

This dual Inlet fuel line is adjustable in length to fit a variety of applications, a handy feature when switching from one Holley carburetor to another or even to a tunnel ram setup with two inline single feed carburetors.

The fuel pressure gauge, located inline between the fuel filter and carburetor, delivers accurate fuel flow readings so you may adjust fuel pressure to meet the demands of your engine. The gauge can also be used as a tool to diagnose a clogged fuel filter or defective fuel pump. The gauge is designed to fit beneath low profile air cleaners, and the line can be bent up or down to make the gauge easier to view.

Please read all of the enclosed information before beginning any work. If you have any questions regarding installation, contact the Summit Racing Equipment Technical Department at 1-330-630-0240 for assistance, Monday through Friday from 9 am to 9 pm ET.

Parts Checklist

You should have received the parts listed here. Please verify the quantities of each component received.

- Adjustable chrome fuel line with integrated fuel filter housing/cap (1)
- Fuel pressure gauge (1)
- Fuel filter (1)
- Fuel filter housing O-ring (1)
- 3/8" NPT barb fitting (1)
- 1/8" NPT elbow (1)
- 1/8" NPT plug (1)

If you are missing an item or a part was received in error, please contact the Summit Racing Customer Service Department at 1-800-517-1035, 24 hours a day, 7 days a week, before beginning any work.

Installation Notes

- This fuel line is adjustable. In its shortest configuration, approximately 1/2" of the line will extend into the filter housing and touch the fuel filter. This extra line must be cut off so it doesn't affect fuel delivery.
- This fuel line is compatible with gasoline only. It should not be used on engines that operate on nitromethane or alcohol.
- Teflon® tape or paste must be used on NPT threads only. If the fitting is sealed with a gasket or O-ring, then Teflon tape or paste should not be used.
CAUTION: Do not allow the tape or paste to extend past the fitting threads. It may be cut off and enter the fuel system.
- Use line fitting wrenches on all connections to avoid marring the fuel line's chrome finish.
- Do not allow dirt or any other contaminants to get into the fuel line or carburetor.

Recommended Tools

- Line fitting wrenches
- Teflon® tape

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Step One

Insert the fuel filter into the filter housing closed end first. Place the filter O-ring into the groove inside the housing and screw the cap into place by hand until snug.

Step Two

Choose which outlet port on the fuel line you're going to use to mount the fuel pressure gauge. The port you choose should be easily accessible so reading the gauge will not be difficult and the gauge will not interfere with other components. Plug the remaining outlet port using the 1/8" NPT plug provided. Do not install the fuel pressure gauge at this time.

Step Three

While applying a light amount of torque to the brass carburetor fuel bowl fittings, thread both chrome fuel line fittings into the fuel bowl fittings at the same time until they are finger tight. This aligns and seats the inverted flare fittings correctly. Next, hold a fuel bowl fitting firmly with a line fitting wrench while applying final torque to the fuel line fitting with another line fitting wrench. Repeat this procedure with the remaining fuel bowl/fuel line fittings, and then tighten the adjustable fuel line locknut. Do not use Teflon® tape or paste or over-tighten the fittings.



NOTE: To avoid potential fuel leaks, always use the two wrench method of applying torque to the fuel line fittings.

Step Four

Screw the fuel pressure gauge into the remaining outlet port on the fuel line by hand until snug and in position for easy reading. If a 90 degree viewing position is desired, screw the 1/8" NPT elbow into the outlet port and the fuel pressure gauge into the elbow.

CAUTION: Do not use the gauge housing as a handle for tightening. Use the square fitting located on the bottom of the gauge housing and a wrench to tighten.

NOTE: The fuel pressure gauge uses an NPT fitting. Once installed, it cannot be loosened without leaking.

Step Five

Connect the vehicle's fuel line to the Summit Racing Adjustable Fuel Line using either the 3/8" NPT barb fitting for rubber fuel hose or a fuel line plumbed with a 3/8" NPT male fitting screwed directly into the fuel filter housing.

Step Six

Start the vehicle's engine and check for leakage under pressure. All leaks must be eliminated before continuing. Before driving the vehicle, verify the fuel system is operating correctly.

Replacement Components

- Fuel Line Rebuild Kit (part number SUM-G3121). This kit includes a new fuel filter and filter housing O-ring to keep your fuel line in peak operating condition.
- Fuel Pressure Gauge (part number SUM-G3122). This 1½" diameter gauge includes a classic white background with Summit Racing logo and is perfect for replacing damaged or malfunctioning gauges.

Warranty

Summit Racing Equipment warrants this product for 90 days from the date of purchase. If the product is used for racing or competition, this warranty is limited to manufacturer defects only; wear and breakage are not covered under any circumstances. If the product shows, in our opinion, evidence of being used or installed contrary to the instructions and/or subjected to improper handling, packaging, or shipping by the customer, it will not be covered by our limited warranty. The liability to Summit Racing Equipment for losses or damages arising out of any cause whatsoever is limited to the full refund of the purchase price or, at our option, repair or replacement of the product(s). Summit Racing Equipment shall not be liable for any consequential or incidental damages. Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above limitation or exclusion may not apply to you.



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