FUEL CELL VENT KIT

Part Number: 26-510

Installation Instructions:

WARNING! These instructions must be read and fully understood before beginning installation. Failure to follow these instructions may result in subsequent system failure and could result in serious personal injury and/or property damage. If these instructions are not fully understood, installation should not be attempted. Please consult Holley Tech Service or a qualified mechanic. Holley is not liable for any damages caused by improper installations.

Holley's Fuel Cell Vent Kit allows the fuel cell to breathe out the vent port, preventing it from being pressurized during use and while filling up. Comes with everything needed for an easy and safe install.

Features:

- Complete kit for straight-forward install
- Roll-over protection for vent
- Keep fumes out with this clean and simple solution
- 6 ft. of 10AN Nylon Braided Hose
- Pump gas and E85 compatible
- Direct fit for Holley's Fuel Cells

Tools Required:

- 3/8" & 3/16" Hex key
- AN wrenches (P/N: 230400ERL)
- Earl's Assembly Lube (P/N: 184004ERL)
- Flat Head screwdriver
- 7/8" Drill
- Masking tape and Marker
- Aluminum vice jaws (P/N: 1004ERL)
- Hose cutting shears

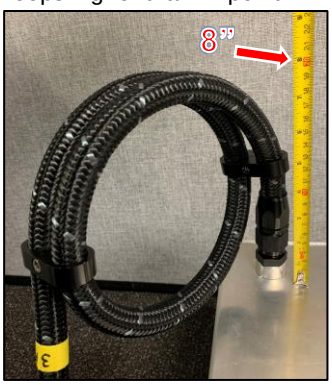
1. *General Layout*

2. *Install Steps:*

a. Either top port can be used for vent. Remove one -10AN ORB Plug with **3/8" Hex key.**

b. **Lubricate** Rollover Valve's O-ring and install valve in place of plug that was removed. Make sure valve's stainless-steel ball is inside port facing downward.

c. Route vent hose 6"-12" above fuel cell, making 1-2 vertical loops higher than fill point.



d. Install both provided hose separators with **3/16" Hex key** to constrain hose into loops.

e. End vent hose below fuel cell and outside the cabin (away from any heat sources).

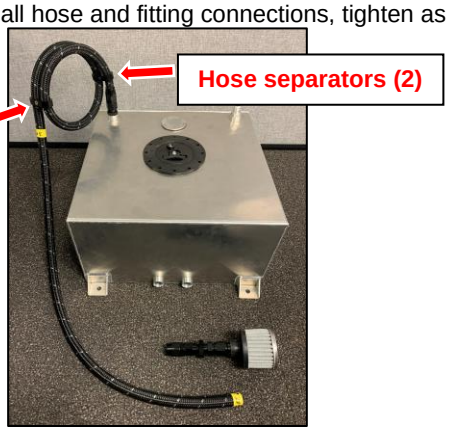
f. **Drill 7/8"** hole and deburr at desired location for Bulkhead Fitting and install in place.

g. Install Bulkhead Nut to fitting and tighten with **AN wrench.**

h. Press Air Filter into Push-On Hose End, and tighten clamp with **flat head screwdriver.**

i. Tighten Push-On Hose End to Bulkhead Fitting with **AN wrench.**

j. Double-check all hose and fitting connections, tighten as necessary.

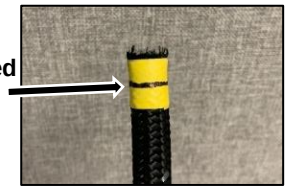


3. *Assembling AN Hose:*

Due to the modularity of the kit and it being universal, enough hose is given to route where desired. Here's a general way to assemble the hose to the fittings:

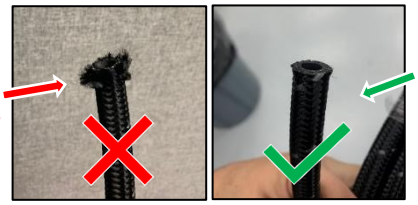
a. Cut the hose square to the required length with **Hose cutting shears** or equivalent.

TECH TIP: Before cutting, wrap hose tightly with masking or electrical tape and cut through the tape.



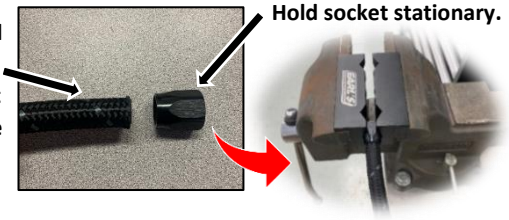
This helps prevent the braid from fraying and trim any frayed ends with cutting pliers.

Not Acceptable: cut is not level - excessive fraying. Try again.

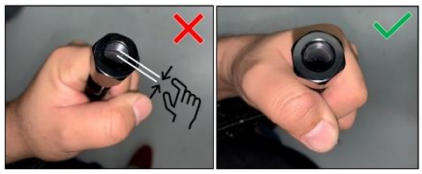


Acceptable: hose is cut square with little to no fraying

b. Insert hose into socket by pushing and turning it clockwise until the hose butts against bottom of threads.



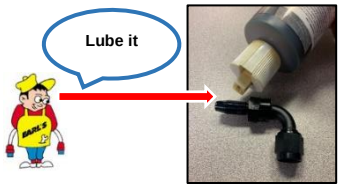
Not Acceptable: Keep pushing and twisting to remove gap



Acceptable: hose is bottomed out before threads

TECH TIP: Wrap tape around hose right against bottom of socket. This will be your visual aid to detect any tendency of the hose to be pushed out as you complete the assembly.

c. Lubricate inside of the hose and the fitting's threads with **Earl's Assembly Lube.**

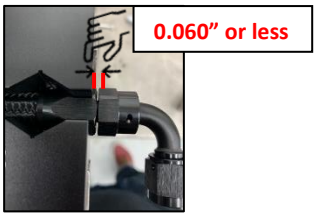


d. Holding the socket with **Aluminum Vise Jaws**, start the hose end by hand and then use **AN wrenches** or equivalent (tape on adjustable wrenches) to tighten the fitting assembly.

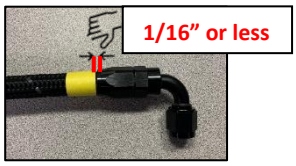
Hold hose to help prevent it doesn't back out of socket.

TECH TIP: Line up the flats on the hose end for that professional install while tightening, don't loosen.

Tighten until socket must be within 0.060" or less of bottoming on the hose end.



Check the tape to see if the hose end has pulled away from the hose. If it did back out more than ~1/16" out of the socket, try again by returning back to Step 3c.



Remove the tape, and make sure your hose assembly is free of debris and thoroughly clean.

NOTE: Pressure test hose assembly to ensure no leaks. Further check the assembly by running the system at full pressure while you observe the hose, hose ends, and adapters for leaks.

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