

Operating and Installation Instructions

CAUTION!

This product is to be installed only by persons knowledgeable in the repair and modification of vehicle fuel systems and general vehicle systems modification. Only a qualified technician or mechanic who is aware of applicable safety procedures should perform the installation of this product.

GASOLINE AND OTHER FUELS ARE FLAMMABLE AND CAN BE EXPLOSIVE!

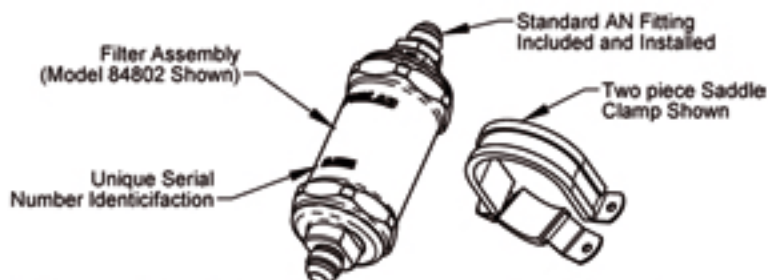
Perform the installation in a well ventilated location only to minimize the build up of fuel vapors. **NO** open flames, smoking or other sources of ignition are to be present during installation, to prevent fire or explosion that can cause serious injury or death. Grinding, cutting, and drilling must be performed with care to prevent ignition. Draining and removal of all fuel and ventilation of vapors in vehicle and fuel system is recommended when performing such procedures. Proper eye and personal protection is required at all times during installation.

WARNING!

The Vehicle's fuel system may be under pressure! Do not loosen any fuel connections until relieving all fuel system pressure. Consult an applicable service manual for instructions to relieve fuel system pressure safely. This product is intended for racing, off-road, or marine use only. This fuel system component is capable of altering engine tuning and therefore not legal for sale or use on emission controlled motor vehicles.

Product Contents:

Check the diagram and list of components (right) to ensure that no components are missing from box. Contact your Fuelab distributor immediately for replacement. See company web-site for details of your specific model's features. Model 84802 is shown to right as example.



Plumbing Planning Notes:

The inlet and outlet ends of the filter use military or 37° Cone ended AN specifications, commonly used in racing and high performance applications (typically using stainless steel braided line). Use appropriate line connectors. Other end sizes and element types, visit our company web-site at www.fuelab.com for details pertaining to this and other products. Filter is rated for 200 PSIG maximum pressure. **DO NOT EXCEED MAX. PRESSURE RATING.**

Installation Steps:

1. Disconnect the ground terminal from battery and allow the vehicle's engine and exhaust system to cool. Relieve fuel system per applicable service manual. Follow all Warnings and Cautions written
2. Modify, remove or replace other fuel system components as required per established build plan
3. Use the supplied bracket as a drilling template to mark holes for mounting bracket. Choose a location that minimizes exposure to excessive heat. Mounting bracket can be modified as required. Saddle Bracket provided has a minimum installation height. Add spacers or washers between mounting location and bracket to adjust filter clearance as required.
4. Note "OUTLET" markings on end cap, for proper flow direction on filter (do not plumb in reverse direction). Install filter to vehicle. Hook up military or "AN" style fuel lines for application for both Inlet and Outlet ports.
5. Start vehicle's engine and inspect for any fuel leaks and repair as required before continuing.

Filter Replacement Steps:

1. Use only Fuelab replacement element only when replacing element. This ensures proper size as well as replacement O-rings. Follow all instructions included with replacement element.
1. Remove filter from vehicle and drain excess fluid (note WARNING above). Use bench vise (with vice protectors to prevent damage) to clamp onto sleeve.
2. Remove Outlet Side of Filter, replace element (pulls off End Cap) and O-ring (use appropriate Fuelab replacement element only). Straining filters and stainless steel elements can be cleaned and reused. Paper element and O-ring is recommended for replacement only. O-ring is also recommended for replacement at each service interval, visit web-site or contact Fuelab for O-ring replacement part or Size specification.
3. Reinstall cap with O-ring (apply light oil to O-ring) and tighten to 20-35 ft-lbs of Torque. Follow Installation steps above.