



Model Number 40101
100 Element Replacement Installation Kit

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.

Application:

This Filter Replacement Kit is intended to work with Fuelab® Velocity Series 100 Fuel Systems, including Models 30301 or 30302, depending on application. This Water Separating Filter uses synthetic glass media that has a 5 micron nominal particle rating (25 micron absolute particle rating).

Fuel System Inspections:

Filter replacement frequency will vary from one vehicle to the next. It is recommended to record the mileage at each filter change to track replacement frequency. If the vehicle's supply pressure is erratic, low or deficient then replacement of the filter may correct condition. Be sure to record anomalies, in case future fuel system diagnostics is required. A careful and complete inspection of all fuel lines, electrical wiring and connections should be performed to ensure a safe and reliable system after filter replacement, particularly if the vehicle experiences fuel supply delivery problems.

Replacement Instructions:

Be sure to examine if filter is mounted above the fuel level inside tank. Once the filter is removed, the fuel system may be free to completely drain the fuel tank. As long as the filter is above the tank's fuel level, then a minimal amount of fuel leakage can be expected. Be sure to have a drain pan ready for spilled fluids. Internal fluid may be under pressure; the drain cock on the water separating filter can be loosened (rotate counter-clockwise), to relieve fuel system pressure.

Remove filter by rotating counter-clockwise. A filter wrench may be required. Continue rotating until removed.

Drain off filter and recycle or dispose responsibly. Inspect area where the filter was removed, to ensure that the main outer sealing gasket is not on the Lift Pump / Filtration System. A replacement inner ring (about the main threaded post) may be included with this replacement kit. Use this ring for proper filter performance.

This replacement filter has a drain cock on the bottom of the filter, for water drainage. Be sure that this drain cock is hand-tight (rotate clock-wise, snug) to prevent leakage.

Apply a small amount of oil or diesel fuel to the main outer sealing gasket, prior to installation.

Filling the replacement filter with diesel fuel, prior to installation, can improve initial starting performance.

Tighten Replacement Element **BY HAND**, in a clock-wise direction. **DO NOT OVER TIGHTEN**, as this may cause damage to the threads of the Lift Pump/ Filtration System.

Due to air being introduced into the fuel system, several attempts to restart engine after replacement can be expected. Use the drain cock on the bottom of the filter, periodically to drain off possible collected water.

Cross Reference:

Fuelab®	Hastings®	Baldwin®	Fleetguard®	Wix®	Donaldson®
40101	BF1282	BF1282	FS1282	33405	P550691

LIMITED WARRANTY

FUELAB, a division of FCP, Inc., having its principal place of business at **1605 Eastport Plaza Drive, Suite 125, Collinsville, IL 62234, USA** ("Manufacturer") warrants its **FUELAB** products (the "Products") as follows:

1. Limited Warranty.

Manufacturer warrants that the Products sold hereunder will be free from defects in material and workmanship for a period of 2 Years from the date of purchase to the original purchaser. If the Products do not conform to this Limited Warranty during the warranty period (as herein above specified), Buyer shall notify Manufacturer in writing, or by phone, of the claimed defects and demonstrate to Manufacturer satisfaction that said defects are covered by this Limited Warranty. If the defects are properly reported to Manufacturer within the warranty period, and the defects are of such type and nature as to be covered by this warranty, Manufacturer shall, at its own expense, furnish replacement Products or, at Manufacturer's option, replacement parts for the defective Products. Removal of Products from vehicle (*Vehicle means any automotive, bike or marine transportation powered by an internal combustion engine. This product is **NOT** intended or designed for use on aircraft, experimental or otherwise.*), shipping to Manufacturer and installation of the replacement Products or replacement parts shall be at Buyer's expense.

2. Other Limits.

THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Manufacturer does not warrant against damages or defects arising out of improper or abnormal use or handling of the Products; against defects or damages arising from improper installation (where installation is by persons other than Manufacturer), against defects in products or components not manufactured by Manufacturer, or against damages resulting from such non-Manufacturer made products or components. Manufacturer passes on to Buyer the warranty it received (if any) from the maker thereof of such non-Manufacturer made products or components. This warranty also does not apply to Products upon which repairs have been effected or attempted by persons other than pursuant to written authorization by Manufacturer.

3. Exclusive Obligation.

THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Manufacturer shall be to repair or replace the defective Products in the manner and for the period provided above. Manufacturer shall not have any other obligation with respect to the Products or any part thereof, whether based on contract, tort, strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Manufacturer be liable for incidental, special, or consequential damages.

4. Other Statements.

Manufacturer's employees, representatives' and/or resellers ORAL OR OTHER WRITTEN STATEMENTS DO NOT CONSTITUTE WARRANTY, shall not be relied upon by Buyer, and are not a part of the contract for sale or this limited warranty.

5. Entire Obligation.

This Limited Warranty states the entire obligation of Manufacturer with respect to the Products. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

6. Warranty Service

What Does This Warranty Not Cover? Any problem that is caused by abuse, misuse, or an act of God (such as a flood) is not covered. Also, consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

How Do You Get Service? In order to be eligible for service under this warranty you **MUST** return the Warranty Registration card, or register on-line at www.fuelab.com/warranty within 30 days of purchasing the Product.

If something goes wrong with your product contact FUELAB at 1-800-541-2345, International customers call 001-217-324-3737, for a Return Authorization Number (RMA). After receiving your RMA send it postage paid, fully insured, with a brief written description of the problem to:

FUELAB Warranty Department, 1605 Eastport Plaza Drive, Suite 125, Collinsville, IL 62234

We will inspect your Product and contact you within 72 hours of receipt to give the results of our inspection and an estimate of the labor and/or parts charges required to fix the Product, if applicable. If covered under this limited warranty Manufacturer will repair Product and return it to you at no cost. If the Product is NOT covered under this warranty and if you authorize repairs, we will return the repaired Product to you COD, or prepaid via credit card, within 72 hours. There is no charge for inspection. If return product is found to be free of defects a \$25.00 shipping and handling charge will be applied. We will return the repaired Product to you COD, or prepaid via credit card, within 72 hours.