



FloMax Auxiliary Fuel

Filter Kit

2001-2008 GMC/Chevy Duramax
FloMax Auxiliary Fuel Filter Kit

Part# 1050061

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION.
Please read the disclaimer before proceeding to install this unit.

Introduction

The purpose of this kit is to sufficiently filter diesel fuel entering the Duramax fuel system. The GM/Racor design of the factory fuel filter as been poor and the primary design concern was cost. This fuel filter kit will not only help filter your fuel properly but will also protect your engine.

The kit is design to flow enough fuel to support over 500HP and still filter down to 3 micron absolute.

Unlike the 1050060 kit which is used in vacuum pull systems this kit must be installed with a Flowmax or another fuel pump system (otherwise you could run into air lock problems). This kit filters fuel after the stock fuel filter, which we supply a 3 micron filter with the kit. The stock fuel filter is efficient only from 10-7 micron.

We suggest changing the fuel filter every time the stock fuel filter is changed (5000-7500 miles).

Kit Contents

| Part Number | Description | Qty. |
|----------------|--------------------|------|
| 1500067 | Fuel Filter | 1 |
| 1500062 | Fuel Filter Head | 1 |
| 1330149 | Hose Clamp | 4 |
| 1604124 | Bolt: ¼ x 5/8" | 2 |
| 1100111 | Washer: ¼" Flat | 2 |
| 1100112 | Washer: ¼" Lock | 2 |
| 1500328 | ½ NPT x ½ Barb 90° | 2 |
| 1604054 | ½ Hose | 66" |
| 1500327 | Bracket | 1 |

BD Engine Brake Inc.

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Installation

1. Remove factory air box and air inlet pipe. Once removed you will need to remove the support plate mounted below the air box.



Picture shown without air filter box

2. Install 1500328 fittings into filter head. Use a very minimal amount of thread sealant on the threads.



3. Mount filter head assembly to bracket using the 1604124 bolts, 1100111 flat washers and 1100112 lock washers.

Lubricate the gasket and spin on the filter to the filter head.



4. Mount the assembly temporary for fitment and hose lengths purposes.



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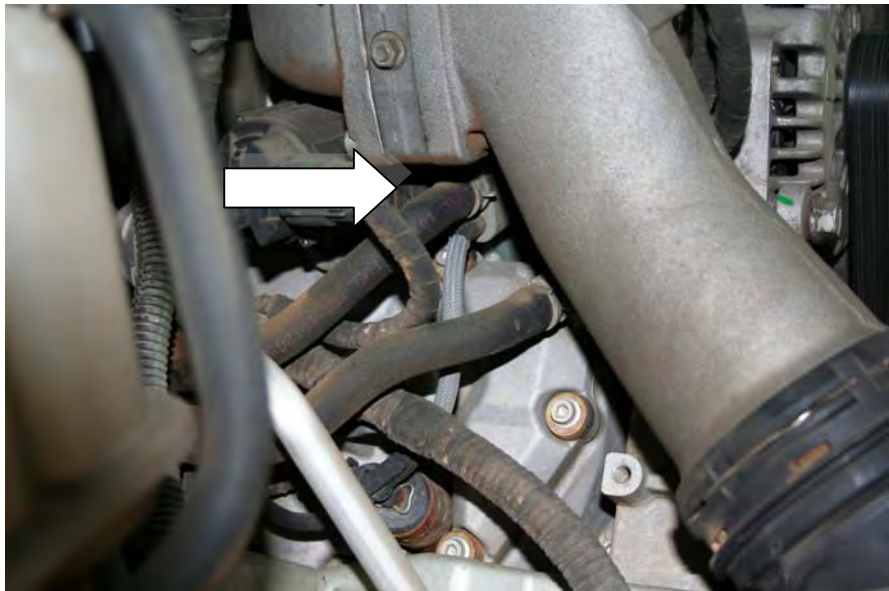
5. Locate the factory fuel filter, remove the rubber outlet hose.

Locate the end of the hose mounted to the engine and remove.



6. Run supplied ½" fuel line hose from engine connection point to filter adapter (barb).

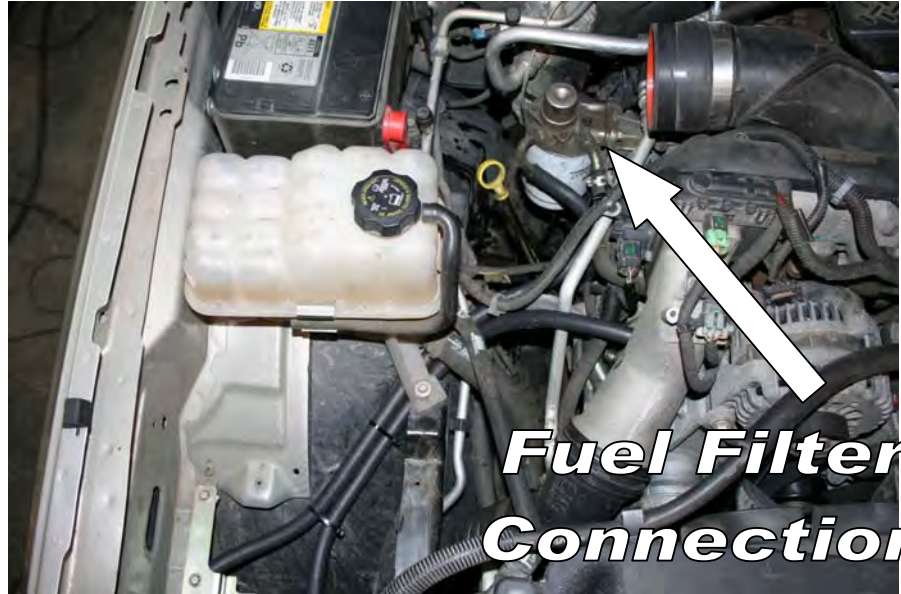
Install supplied hose clamps on both hose connection points.



LBZ motor shown, LLY & LB7 slightly different.

7. Run supplied $\frac{1}{2}$ " hose from fuel filter outlet to fuel filter barb adapter.

Secure both connections with the supplied hose clamps.



8. Use the supplied plastic zip ties to secure the routing of the rubber hose.

You can then secure the bracket to the filter assembly.



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9. Mount the air box support plate you removed earlier on top of the fuel filter bracket.



10. Reinstall air box and intake tube.

You will need to idle the truck for about 1-2 minutes each time you remove the filter to remove air.



To change the fuel filter you should be able to reach from underneath the vehicle just in front of the passenger side tire.

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LIMITED WARRANTY STATEMENT

BD Engine Brake, Inc., Valley Fuel Injection Ltd., BD Diesel Performance, Turbocharger.net (the "Seller") warrants the following product(s):

All products manufactured or rebuilt by the Seller are to be free from defects in material or workmanship which includes but is not limited to Turbochargers, Exhaust and Intake manifolds, Exhaust brakes, Intercoolers, Flex Plates, Transmissions, Torque Converters, Oil pans, Fuel pumps and systems, Electronic monitors and control systems. The Seller warrants to the original buyer of the product (the "Buyer") that it will repair or replace, free of charge, any product which has a defect in material or workmanship within the warranty period described below. Copy of original invoice is required to qualify for warranty.

A defect is defined as a condition within the product that would render the product inoperable under normal conditions of use and service. The Seller's responsibility under this Warranty is limited to the repair or replacement, at the Seller's option, of any warrantable product returned prepaid with a complete service history and proof of purchase. A valid proof of purchase is a dated bill of sale or receipt.

A Return Material Authorization (RMA) number, obtained in advance from a customer service representative of the Seller and the dated bill of sale or receipt, must accompany any product returned by the Buyer for warranty determination. The Seller will be the final authority on the approval of all warranty claims hereunder. The issuance of a RMA number does not represent an approval of a warranty claim. All repaired or replaced products will be returned to the Buyer freight collect. Accepted warranty products, which have been replaced, will become the sole property of the Seller.

Until the Seller has approved a warranty claim, the Buyer will be responsible for all costs. Replacement parts and the labor costs incurred by the removal and replacement of the product while performing warranty work will be the responsibility of the Buyer. In no case does the obligation of the Seller exceed the original purchase price of the product as indicated on the original bill of sale or receipt. Under no circumstances will the Seller be liable for any travel time incurred in diagnosis for defects, or any other contingent expenses.

Once the claim is approved and within a 1 year period of original purchase Labor costs incurred will be considered for the removal and replacement of an eligible part while performing warranty work, at a rate of 55.00 per hour at authorized centers with prior approval of the Seller. Freight is FOB Abbotsford, B.C. Canada.

To the extent permitted by law, the Buyer hereby waives all rights other than those expressly set out herein and acknowledges that this warranty sets out the Buyer's exclusive remedies with respect to products covered by it. This warranty shall not be extended, amended or varied except by written instrument signed by the Seller and the Buyer.

The Seller will administer warranty requests on products sold by the Seller and not manufactured by the Seller by forwarding claims made by a Buyer under the manufacturer's warranty to the manufacturer. The final disposition of such claims will be made by the manufacturer and ruled by the laws of British Columbia, Canada.

Customer assumes risk in purchasing product with in 30 days may return the product for exchange of other BD products or services only. No cash refunds are available.

Please refer to Warranty time limitation per product.

NOT COVERED UNDER THIS WARRANTY

This warranty is limited to the original purchaser of the product and is not transferable to subsequent owners. Specifically excluded from this warranty are failures of products caused by misuse, misapplication, negligence of the Buyer, accidents, modification, abuse, improper storage, installation, repair or operation, use of unauthorized parts or other mistreatment of the Buyer or his agent. Any competitive use, sled pulling, drag racing will void warranty on product. A sheared or twisted shaft, broken planetary gear sets, burned clutches, broken drive hubs, sun gear damage, cracked housings is not covered. Fluids and filters or damage caused from fuel or air contamination, BioDiesel, low fluid levels. This warranty does not cover deterioration of plating, paint or any other coating, linings or parts that are subject to normal wear and tear, such as light bulbs, fuses, bearing wear, seal wear, etc.

If product is not installed by a trained and authorized BD dealer, installation facility must prove it is properly tooled and has certified training to have installed or to carry out repair of product.

The Seller also disclaims any liability for incidental or consequential damages including but not limited to, repair labor, rental vehicles, hotel cost or any other inconvenience cost. To the extent permitted by law, this warranty is in lieu of all other warranties or guaranties, either expressed or implied, included the implied warranties of merchantability and fitness for a particular purpose and shall not extend to any Buyer or to any person other than the original purchaser residing within the boundaries of the continental U.S. or Canada. As well the seller is not responsible or obligated to update previously manufactured parts that are currently under the above warranty.

NOTE THAT THIS GUARANTEE WILL BE VOID IF THE USER BREACHES THE CONDITIONS IN THE SECTION LABELED "NOT COVERED UNDER THIS WARRANTY" AND IS ONLY APPLICABLE ON THE PRODUCTS THE SELLER MANUFACTURES.

DISCLAIMER OF LIABILITY

Other than as expressly set forth herein, the Seller, together with its distributors, jobbers and dealers shall in no way be responsible for the product's proper use and service. In no event shall the Seller be liable for any special, incidental, indirect or consequential damages of any kind or nature, whether or not the Buyer was advised of the possibility of damage, arising or resulting from the use or performance of the product, and the Buyer hereby waives any and all such claims.

The Buyer acknowledges that he/she/it is not relying on the Seller's skill or judgment to select or furnish goods suitable for any particular purpose and that the Seller has no liability that will extend beyond the scope of the limited warranty contained herein, and the Buyer hereby waives all remedies or liabilities, expressed or implied, arising by operation of law or otherwise, (including, without limitation, any obligations of the Seller with respect to fitness for any particular purpose; merchantability; and special, incidental, indirect or consequential damages) or whether or not occasioned by the Seller's negligence.

The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages related to the Buyer's use of the product. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this Agreement and the Buyer agrees to indemnify the Seller and hold the Seller harmless from any claim related to the product and its use or performance. Under no circumstances will the Seller be liable for any damages, liabilities, costs or expenses incurred as a result of by reason of the use, performance or sale of the product, including without limitation, any damages, liabilities, costs or expenses incurred by reason of the Buyer's negligence related to those uses of the product as a result of the removal of the speed limiter.

The Seller assumes no liability regarding the improper installation or misapplication of the product. It is the installer's responsibility to check for proper installation, and, if in doubt, contact the manufacturer.

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| Limited Warranty Details | | | |
|---|---|---|------------------------------------|
| Product Name | Parts (Months/Miles)¹ | Labour (Months/Miles)^{1, 2} | Notes |
| Torque Converters (Dodge) | 36/ 150,000 | 12/12,000 | No Race abuse covered |
| Torque Converters (Ford & Allison) | 36/ 150,000 | 12/ 12,000 | No Race abuse covered |
| Transmissions | 36/ 150,000 | 12/ 24,000 | No Race abuse covered |
| Race Transmissions | 12/ 24,000 | Not Eligible | |
| Valve / Accumulators Bodies | 12/ 24,000 | 12/ 24,000 | |
| Transmission Pans | 36/ 150,000 | Not Eligible | |
| Auto / Torq / Towloc's | 12 / 24,000 | Not Eligible | |
| Flex Plates | 36/ 150,000 | Not Eligible | |
| Injectors & Injection Pumps | 12 / 24,000 | 12/ 24,000 | Race Pumps 90 days parts/No labour |
| Tuners and Chips | Manufacturer ³ | Not Eligible | |
| X-Monitor / Cool Down Timers | 12/ 24,000 | Not Eligible | |
| Intake / Exhaust Manifolds | 36/ 75,000 | Not Eligible | |
| Exhaust Kits | 24 Months | Not Eligible | Surface rust not eligible |
| Turbo Guards / Boost Builders / Waste Gate Kits | 12/ 24,000 | Not Eligible | |
| Intercoolers / Hoses / Clamps | 12/ 24,000 | Not Eligible | |
| Transmission Coolers | Manufacturer ³ | Manufacturer ³ | |
| Manual Transmission Clutches | Manufacturer ³ | Manufacturer ³ | |
| Short Shifters | 12/ 24,000 | Not Eligible | |
| Engine / Head Stud kits | Manufacturer ³ | Manufacturer ³ | |
| Engine Brakes | 24/ 24,000 | 12/ 24,000 | |
| Steering Stabilizers / Sway bars | 12/ 24,000 | Not Eligible | |
| Boost Coolers | Manufacturer ³ | Manufacturer ³ | |
| Gauges and Mounts | Manufacturer ³ | Manufacturer ³ | |
| Performance Turbos | 12/ 12,000 | Not Eligible | |
| FlowMAX Fuel Pumps | 60/ 75,000 | Not Eligible | |
| Auxiliary Fuel Pumps | 12/ 12,000 | Not Eligible | |
| | | | |

A Return Material Authorization (RMA) number, obtained in advance from a customer service representative of the Seller and the dated bill of sale or receipt, must accompany any product returned by the Buyer for warranty determination.

¹ Warranty is based on whichever occurs first (Months or Mileage).

² Prior approvals must be given to qualify for labour reimbursement.

³ As per Manufacturer's warranty

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