



BULLY DOG

#1 IN PERFORMANCE

INSTALLATION MANUAL



Rapid Flow Induction

Vehicle Application	Part Number
'01-'05 GM Duramax	53100



TROUBLESHOOTING:

If you have questions during the installation of this product, please visit www.bullydog.com/Product_Updates.php. The latest version of these instructions can be found at the same location. Please review the Troubleshooting section on page before calling technical support to cover most common issues. Technical support is available by calling 866-bully-dog (866-285-5936).

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INTRODUCTION

Introduction: The following instruction set covers installation and maintenance of the Rapid Flow induction system for 2001-2005 GM Duramax 6.6L.

PREFILTER RECOMMENDED

Recommended with this kit but not included is a Bully Dog prefilter which can be purchased through a local Bully Dog dealer. A prefilter blocks large particles and insects from becoming lodged in the filter ribs. This keeps air flow at a maximum and makes cleaning much easier.



BILL OF MATERIALS

RFI Housing
Filter
Band clamp
Torx bit
(2) Replacement screws

TOOLS NEEDED

Flat head screw driver
Phillips screw driver
10mm socket and wrench
Bit driver



REMOVING THE STOCK INTAKE

1. Using the special hex bit included with the RFI kit, unscrew the two screws holding the Mass Air Flow Sensor in place. Then pull up on the sensor to remove it from the intake hose.
2. Loosen the hose clamp on the stock intake hose using a flat head screw driver, then slide the intake hose off of the stock intake box.
3. To remove the stock filter housing pull straight up on the intake housing and the entire housing will remove in one piece. The intake is held in place by three grommets, it may take a little effort to work it loose from the grommets.
4. Below the stock filter housing is a steel plate that needs to be removed. Use a 10mm wrench to remove the five bolts that secure the plate. **Save three of five the bolts to secure the RFI system.**



INSTALLING THE RFI

1. Remove the lid from off of the RFI, to remove the lid pull outward on the black button and then simply lift the lid off of the RFI.



2. With the lid removed set the RFI filter housing down into the engine bay where the stock air box usually fits.

3. Secure the intake using three of the five bolts that were removed from the stock system. For convenience and ease, use an extension while tightening the bolts.

4. Connect the intake tube to the RFI. Secure the connection using the band clamp on the end of the intake tube.



5. Place the Mass Air Flow sensor into the RFI outlet tube as it was installed in the stock intake system. Secure the Mass Air Flow sensor using the two replacement screws included with the RFI kit. **The stock screws will not work to secure the Mass Air Flow sensor because the thread pattern is different.**

6. Install the filter on to the RFI outlet. Use a flat head screw driver to tighten the band clamp that goes around the filter.

7. To complete the installation slide the lid into place and secure the lid using the snap.



FILTER MAINTENANCE:

The intake system should be cleaned at least once every three months; in dusty climates the filter should be cleaned more often. Cleaning the intake is a two part process, the first part of the process involves the physical cleaning of the filter with soap and water and the second part involves oiling the filter. To properly clean the filter, a Bully Dog cleaning kit should be used. Cleaning kits are available at any Bully Dog dealer.

PART 1, CLEANING THE FILTER:

1. Remove filter from filter housing. Clean the filter housing if necessary.
2. Begin the cleaning process by ridding the filter of any dirt by lightly tapping it. Then brush away any loose particles with a soft-bristle brush. This step can usually be avoided with the use of a prefilter.
3. Spray cleaner generously over entire filter and let soak for 10 minutes.
4. Thoroughly rinse the filter with regular tap water (avoid high-pressure hoses). Flush from the inside out or clean side to the dirty side to prevent dirt from entering the filter.
5. Let the filter air dry before oiling, do not use any method to speed up the drying process. Using a blow dryer or compressed air can cause the filter to disfigure which would then allow particles to pass through the filter.

PART 2, OILING THE FILTER:

1. Apply a small amount of oil to the soft bristle brush and spread the oil over the filter. Be sure to apply a small amount of force so not to damage the filter element.
2. Continue applying oil to the filter using a soft bristle brush until the entire filter is covered in an even amount of oil, just enough to give the filter a solid blue color. Apply enough oil to make the filter a solid and uniform blue, but do not go beyond that.
3. Allow oil to sit for 20 minutes. Re-oil any dry spots that appear. Do not oil filter excessively. Excessive oiling can cause damage to intake sensors.

CLEANING KIT



PART #: 229000

WARRANTY & DISCLAIMER

REMEMBER, THIS IS A PERFORMANCE PRODUCT, USE AT YOUR OWN RISK.

This product is not intended to be used to break the law.

Do not use this product until you have carefully read the following agreement. This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the buyer has read and understands this agreement and accepts the terms and conditions. Never exceed recommended vehicle or tire top speed ratings.

DISCLAIMER OF LIABILITY

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The Buyer acknowledges that he is not relying on the Sellers skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyers hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise, (including without any obligation of the Seller with respect fitness, merchantability and 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. 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 to hold the Seller harmless from any claim related to the item of the equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment.

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

The Buyer is solely responsible for all warranty issues from the manufacturer.

LIMITATION OF WARRANTY

BULLY DOG TECHNOLOGIES, LLC. (Hereafter "Seller") gives Limited Warranty as to description, quality, merchantability, and fitness for any particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall be in no way responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except be a written instrument signed by Seller and Buyer.

The Warranty is Limited to one (1) year from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by BULLY DOG TECHNOLOGIES, LLC.

Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment.

IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT: THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UNUSED CONDITION, WITH A DATED PROOF OF PURCHASE TO THE PLACE OF PURCHASE WITHIN TEN (10) DAYS FROM DATE OF PURCHASE FOR A FULL REFUND.

THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS ITS TERMS AND CONDITIONS.

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For a full listing of Diagnostic Trouble Codes go to: www.bullydog.com/DTC.php



For Free Technical Support

Call: 866-bullydog (866-285-5936)