



BULLY DOG

#1 IN PERFORMANCE



Rapid Flow Induction

Vehicle Application

Part Number

Ford 7.3L Power Stroke '94-'97

221102





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 9 before calling technical support to cover most common issues. Technical support is available by calling 866-bullydog (866-285-5936).

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INTRODUCTION

Introduction: The following instruction set covers installation and maintenance of the Rapid Flow induction system for '94-'97 7.3L Ford Power Strokes. The Bully Dog Rapid Flow Induction System has been designed to allow more air to flow through your engine. This allows a more complete burn of the fuel in your combustion chamber which adds additional horsepower and fuel economy.

Note: This instruction set and the Rapid Flow Induction System included are made exclusively for the 7.3L Ford Power Stroke '94-'97

PREFILTER RECOMMENDED

Recommended with this kit but not included is a Bully Dog Pre-filter 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

TOOLS NEEDED

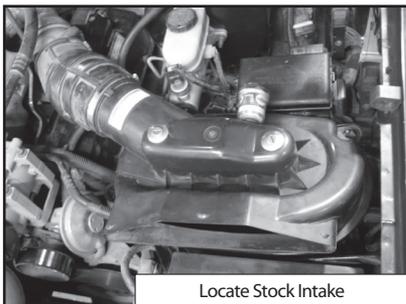
Pliers
Flat head screw driver
10mm End Wrench



REMOVING THE STOCK INTAKE

In these steps you will remove the stock intake system.

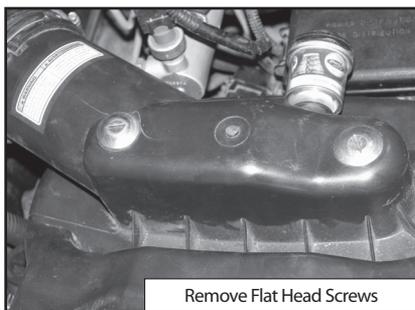
1. Locate the stock air intake inside the engine bay on the driver side of the vehicle towards the front of the engine bay.



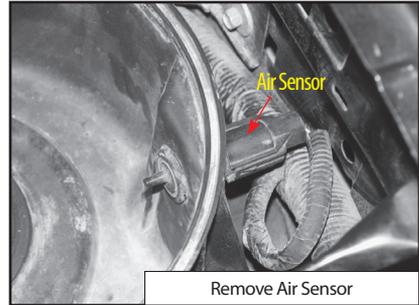
2. Remove the intake hose from the stock intake using a flat head screw driver to loosen the clamp.



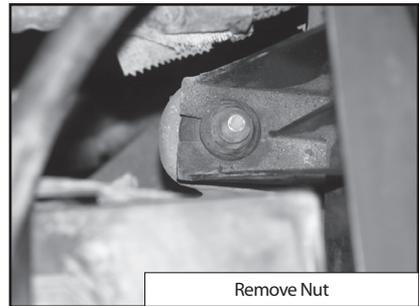
3. To make removal of the stock intake easier, remove the intake cover by unscrewing the two flat head screws on the top of the intake. Then remove the cover and the stock air filter.



4. Locate the air sensor on the right side of the intake. Remove the sensor from the intake by twisting it counter clockwise and pulling it out.

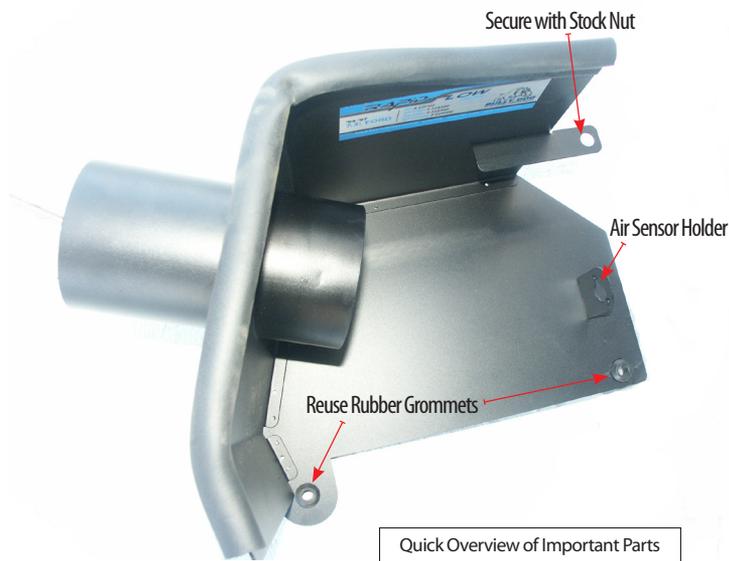


5. Remove the nut at the back right side of the intake by removing with a 10mm end wrench. (Save this nut for later use). Finally remove the intake from the vehicle by pulling it straight up to release it from the two rubber grommets which hold it in place. If the grommets come off with the intake housing, remove them from the intake housing and store for later use.



Note: it is recommended that you use a silicone spray to make removing the rubber grommets from the stock intake easier.

INSTALLING THE RFI



In these steps you will install the Rapid Flow Induction System.

1. This is a very easy install. However, it is easy to skip a step so please review the steps to ensure that you don't miss one.

2. You will need to remove the two stock rubber grommets from the stock intake.



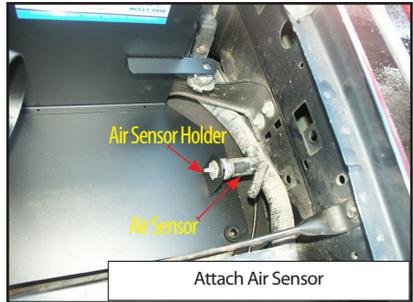
3. Install the stock rubber grommets in the two holes at the base of the RFI system.



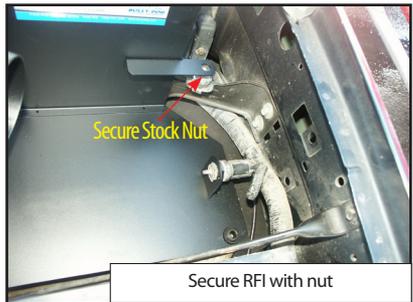
4. Align the RFI system so that the air filter points towards the outside of the vehicle, and press down to secure the RFI in place.



5. Attach the air sensor to the sensor holder on the RFI system. To attach the air sensor, press the air sensor into the sensor holder twisting it until the key aligns and the sensor head pokes through the holder. Turn the sensor clockwise $\frac{1}{4}$ of a turn to secure the air sensor.



6. Secure the RFI System by using the Stock Nut and tightening with a 10mm end wrench.





Attach Air Filter and Air Hose

7. Attach both the air hose onto the RFI system and air filter onto the RFI system and secure with clamps using a flat head screwdriver.



Complete System Installed

FILTER MAINTENANCE:

The intake system should be cleaned at least 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



TROUBLESHOOTING/FAQ

CONDITION	POSSIBLE SOURCES	ACTION
How often should I clean the filter?	Maintenance	Depending on conditions, generally 5,000 miles or 3 months. Keep in mind that a dirty filter robs fuel economy and performance. A good rule of thumb is to clean the filter every time you change your oil.
Can I purchase a second filter?	Maintenance	Yes, the part number for the replacement filter is 224895. Many customers purchase the second filter and install it and then clean the filter that was in the system thereby they always have a clean filter standing by.
Why use a pre-filter?	Maintenance	The Pre-filter makes it much easier to clean the filter, keeping bugs and other debris out of the ribs of the filter. It is designed to flow more than the air filter, so it will not change the performance of the RFI system. Part Number for Pre-filter is 225100.
How long is required to let the filter dry after oiling the filter?	Maintenance	Generally 20 minutes should be sufficient. It's very important that the filter not be installed back on the vehicle if it isn't completely dry.
What does the Bully Dog Cleaning Kit include?	Maintenance	The Cleaning Kit, Part # 229000, includes both an Air Filter Cleaner and an Air Filter Oil.

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

Bully Dog Technologies, LLC. Its distributors, jobbers, and dealers (hereafter Seller) shall be in no way responsible for the product's proper use and service. THE BUYER HERBY WAIVES ALL LIABILITY CLAIMS.

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 THIRTY (30) 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.

Bully Dog Technologies, LLC is a team built on integrity that is dedicated to leading the vehicle performance industry with an uncompromising code of ethics demonstrated in the soundness of its employees, excellent customer service and superior products.

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Doc.# BD51020 Version 1.0.3

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



BULLY DOG

For Free Technical Support

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