



**BULLY DOG**

**INSTALLATION MANUAL**

**RAPID FLOW**  
*Cold Air Intake*



**Applications**

**RFI Part Number**

Dodge Ram 5.7L '09-'15

52201

Not legal for sale or use in California on pollution-controlled vehicles.



**POWER**



**ECONOMY**

**RFI COLD AIR INTAKE**



## **Introduction**

This manual provides step-by-step installation instructions for the Bully Dog Rapid Flow Induction (RFI) Cold Air Intake for 2009-2015 5.7L Dodge Ram trucks. Installation requires a few basic tools and takes about 20 minutes.

## **Table of Contents**

<i>Introduction</i> .....	1
<i>Tools</i> .....	1
<i>Parts Diagram</i> .....	2
<i>Installation</i> .....	3-9
<i>Removing the Stock Intake</i> .....	3-4
<i>Preparing the RFI Intake</i> .....	4-6
<i>Installing the RFI Intake</i> .....	7-9
<i>Filter Maintenance</i> .....	10-11
<i>Cleaning the Filter</i> .....	10
<i>Oiling the Filter</i> .....	10
<i>Prefilter</i> .....	11

## **Tools**

- Flat-head screwdriver
- Phillips screwdriver
- Short flat-head screwdriver (optional)

## Parts Diagram



1. Hemi RFI Base .....	(52200-2)
2. Hemi RFI Lid .....	(52200-1)
3. Filter .....	(54100-5)
4. Stage 2 Hemi Tube.....	(52201-4)
5. Hemi Short Tube .....	(52200-3)
6. Straight Coupler.....	(51200-5)
7. Hump Coupler.....	(52200-6)
8. Band Clamps (4).....	(51105-7)
9. #8 Band Clamps (3).....	(10800-4)
10. Barb Connector .....	(54200-94)
11. Breather Hose (2 sections).....	(51201-6)

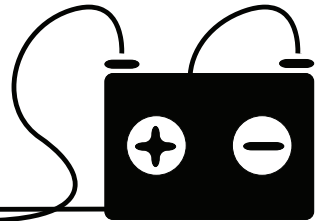
## Installation

Installation is very simple and can be separated into three parts: Removing the Stock Intake, Preparing the Bully Dog RFI Intake and Installing the Bully Dog RFI Intake. The complete installation of the RFI Cold Air Intake system should take about 20 minutes.



### Removing the Stock Intake

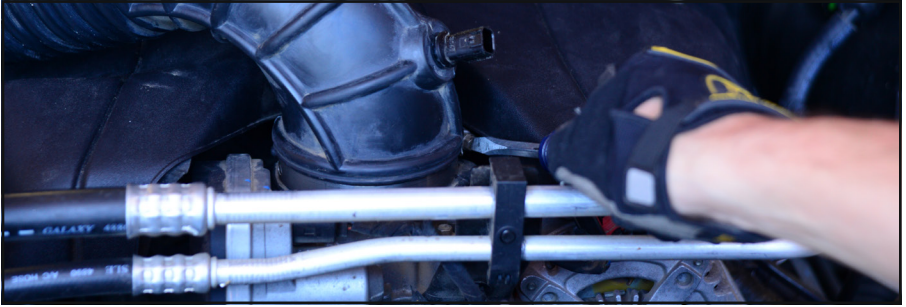
1. **IMPORTANT:** Before beginning installation, disconnect your battery at the negative terminal. *Failure to disconnect the battery could result in personal injury and/or damage to your vehicle.*



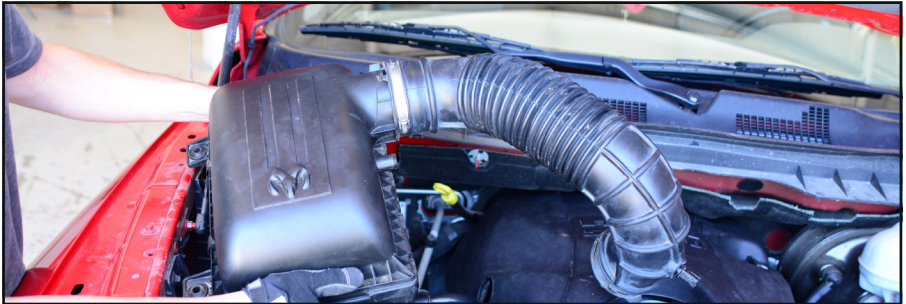
2. Disconnect the temperature sensor where it plugs into the stock OEM Intake Tube. (slide red tab, depress black tab and pull out.)



3. Loosen the band clamps at throttle body. (use a flat-head screwdriver)



4. Remove the stock OEM Intake Box and tube by gently pulling up and out; the box should easily pop out.



## ***Preparing the RFI Intake***

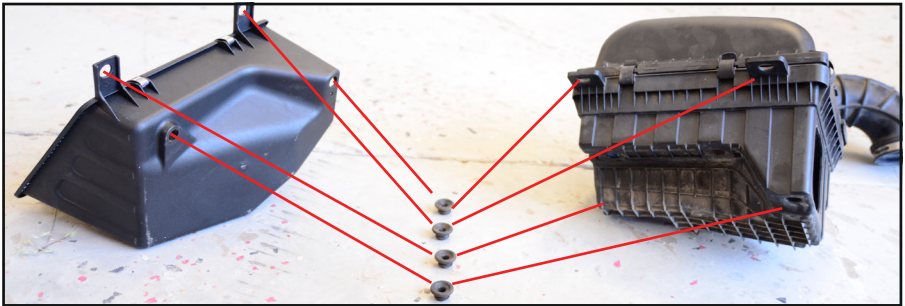
1. Remove and set aside the temperature sensor from the stock OEM Intake Tube.



2. Remove and set aside the inlet from the stock OEM intake box.



3. Swap the grommets from the stock OEM intake box to the Hemi RFI Base.
  - Remove grommets from the stock OEM intake box.
  - Install them on the Hemi RFI Base.



4. Snap the inlet from Step 2 (“Preparing the RFI Intake” section) onto the Hemi RFI Base.



5. Insert the temperature sensor from Step 1 (“Preparing the RFI Intake” section) to the Stage 2 Hemi Tube.



6. Fit Couplers on the Hemi RFI Base.
  - Fit the Straight Coupler onto the throttle body.
  - Fit the Humped Coupler onto the remaining end.



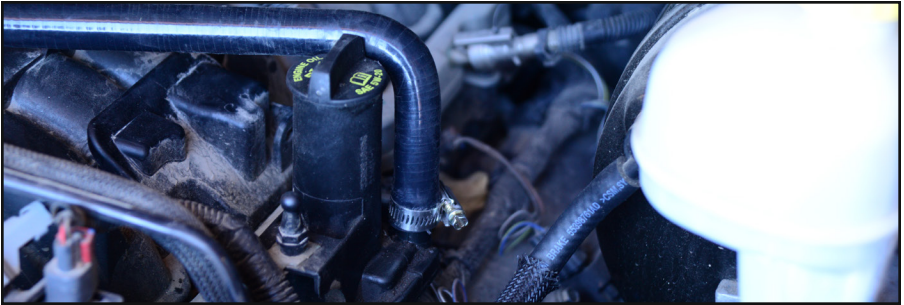


## Installing the RFI Intake

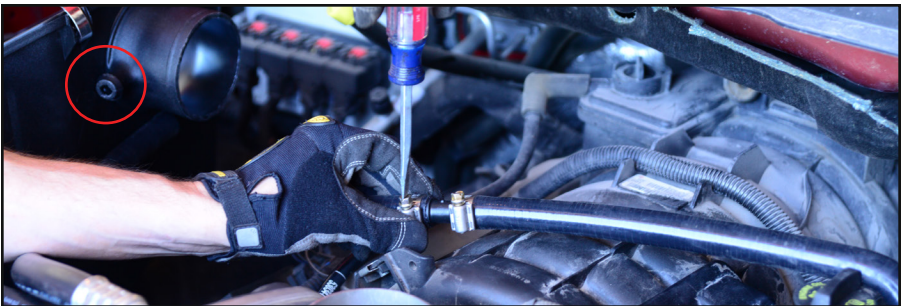
1. Install the Hemi RFI Base in the engine bay.



2. Insert Barb Connector into the longer portions of the Breather Hose sections. The Breather Hose then connects the Hemi Short Tube to the PCV barb fitting near the oil fill location on the engine.



- Install breather hose onto short intake tube.
- Tighten the #8 Band Clamps with the Barb Connector inserted.



3. Install the engine cover by pushing in and down.



4. Install Stage 2 Hemi Tube first to the engine cover then to Hemi RFI Base, situating the Couplers so they can be easily tightened.



5. Install the Filter.



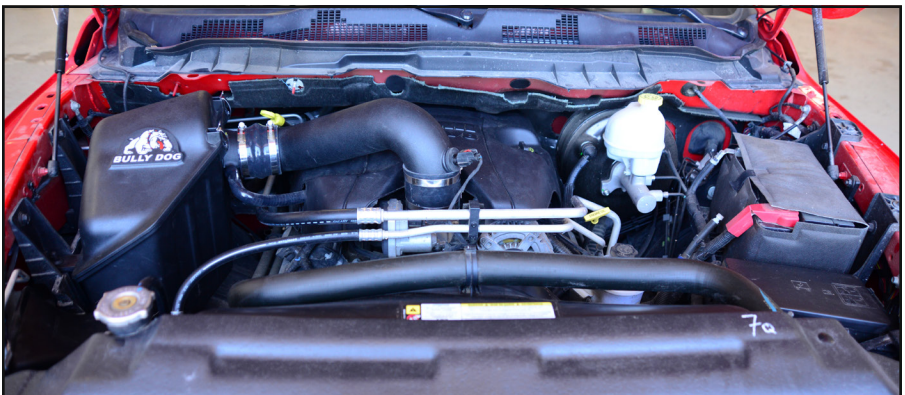
6. Install the Hemi RFI Lid and lock it into place.



7. Reconnect the temperature sensor.



8. Check for any loose connections, then enjoy your Rapid Flow Cold Air Intake!



## Filter Maintenance

The intake system should be cleaned with the Bully Dog RFI Cleaning Kit at least once every three months; in dusty climates, the filter should be cleaned more often. Cleaning the intake is a two part process: cleaning and oiling the filter.

### (1) *Cleaning the Filter*

1. Remove the filter from the RFI enclosure.  
Clean the enclosure if necessary.
2. Remove surface dirt (this step can be avoided if a Bully Dog RFI Prefilter has been installed).
  - Lightly tap the filter.
  - Use a soft-bristle brush to remove any loose particles.
3. Spray the cleaner generously over the filter and let it soak for 10 minutes.
4. Thoroughly rinse the filter.
  - Use regular tap water.
  - Avoid high-pressure hoses.
  - Prevent dirt from entering the filter by rinsing from inside out or from the clean side to the dirty side.
5. Let the filter air dry.
  - Do not use any method to speed up the drying process.
  - Using a blow dryer or compressed air can disfigure the filter and allow particles to pass through.



### (2) *Oiling the Filter*

1. Apply a small amount of oil to the soft-bristle brush and gently spread the oil over the filter. Be sure to apply only a small amount of force so the filter is not damaged.

2. Continue applying the oil to the filter until the entire filter is covered in an even amount of oil. Apply enough oil to make the filter a solid and uniform blue, but do not go beyond that.
3. Allow the oiled filter to sit 20 minutes. Re-oil any dry spots that appear. Do not oil the filter excessively. Excessive oiling can cause damage to intake sensors.

## Prefilter

The Bully Dog RFI Prefilter is a semi-water-repellent barrier that will keep bugs and debris out while lengthening the time between filter cleanings and reducing the amount of time you spend cleaning the filter.



***Notes***

**Notes**

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Pre Filter



Cleaning Kits



Clothing



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**BULLY DOG**

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