



## Installation Instructions

For Part Numbers:

300-924-1 Modular Intake Tube

300-724 850-447 Airaid Oiled Media Filter

301-724 851-447 SynthaMax Dry Media Filter - Red

2003-08 Dodge Ram 1500/2500/3500

5.7L V8

INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE AIRAID.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.



### Component Identification

1.	*Airaid Premium Filter	1
2.	Modular Intake Tube	1
3.	Urethane Hump Hose	1
4.	Urethane Coupler	1
5.	#60 Hose Clamp	4
6.	#16 Speed Clamp	2
7.	#22 Speed Clamp	2
8.	Rubber Grommet	1
9.	1/2"x4 1/2" Hose	1
10.	Rubber Cap	1
11.	Black Connector Fitting	1

\*Filter included only in Jr. Kits

Full color instructions can be viewed on our web site at [Airaid.com](http://Airaid.com). Use the **Product Search** function to find your part number, and click **View Details**. If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

### I DISCONNECT NEGATIVE (-) BATTERY CABLE

### II Remove Factory Intake Assembly

- Remove the factory "accordion" style intake hose by loosening the two factory clamps. **See Fig#1**
- Loosen the two 10mm bolts securing the factory air box to the intake manifold. **See Fig#2**
- Disconnect the air temperature sensor wire on the front of the factory air box.
- Remove air temperature sensor from air box by rotating counter clockwise. **See Fig#3**
- Disconnect & remove the crankcase vent hose from the front of the factory air box. (2003 models only)
- Remove the factory air box and rubber seal from throttle body. **See Fig#4**

### III Airaid Modular Intake Tube Installation

- Install the rubber grommet into the hole on the front side of the Airaid tube & insert the factory air temp sensor into grommet. **See Fig#5**
- Install the black hump hose on the long end of the Airaid tube and secure using two of the # 60 hose clamps provided. **Refer to Fig#6**
- Slide the black coupler onto the throttle body and secure using the #60 hose clamp provided. **Refer to Fig#6**
- Install the second #60 hose clamp on throttle body coupler. Leave clamp loose until final assembly.
- Slide the Airaid tube with hump hose into the factory air filter assembly first, then slide the other and into the throttle body coupler. (*Note: The Airaid tube should be flush against throttle body with a gap between the tube and air filter assembly for engine movement.*) **Refer to Fig#6**
- Adjust the Airaid tube, coupler, and hump hose and tighten all hose clamps.

### IV Airaid Jr. Replacement Filter

- If you purchased the Airaid Jr. kit, replace the factory air filter with the Airaid Premium Filter included in the Airaid Jr. kit.

### V Re-Connect Accessories

- Re-connect air temperature sensor wire.

#### 2003 Models:

- Using the plastic barbed fitting and 1/2" hose provided, connect factory crankcase vent hose to Airaid intake tube. **See Fig#7**
- Secure the 1/2" hose with (2) #16 black speed clamps provided. Secure factory vent hose with (2) #22 black speed clamps provided. **See Fig#7**

#### 2004 And Later Models:

- Slide the black rubber cap over the nipple near the throttle body end of the Airaid MIT. **See Fig#8**

- Re-connect negative battery cable.

**Fig #1**



**Fig #2**



**Fig #3**



**Fig #4**



**Fig #5**



**Fig #6**



**Fig #7**



**Fig #8**



*An Airaid Cool Air Dam is available for this application.  
2002-05 Use P/N 300-125-1.  
2006-08 Use P/N 300-190 .  
Please see your local dealer for details.*

Thank you for purchasing the Airaid Intake System. Contact Airaid @ (800) 498-6951 8:00 AM - 5:00 PM MST weekdays for questions regarding fit or instructions that are not clear to you. Your Airaid Intake System was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid. The air filter element is protected from direct exposure to water and debris; care should be taken not to drive through deep water. WATER INGESTION IS THE DRIVERS RESPONSIBILITY! The air filter is reusable and should be cleaned periodically.

**FILTER IDENTIFICATION**

850-447 Airaid Oiled Media

851-447 Airaid SynthaMax Dry Media - Red

**For your Oiled media filter we suggest using the AIRAID Filter Tune-Up Kit!**



**Do Not Oil**

Synthamax Air Filters do not require oil. Service air filter as needed by cleaning with common non-petroleum all-purpose household cleaner and water. Simple Green®, Formula 409® or equivalent works great. Apply cleaner to outside of air filter and allow to soak. Then flush filter clean from the inside out with a garden hose and repeat steps if necessary. Do not apply high pressure water or air to clean filter. Allow filter to air dry and reinstall.

P/N 790-551 Aerosol Spray  
P/N 790-550 Squeeze Spray

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