



## INSTALLATION INSTRUCTIONS #301-724 AIRAID JR. KIT 03-08 DODGE RAM 5.7L HEMI

Thank you for purchasing the Airaid Modular Intake Tube or Jr. Kit. Please read the instruction manual carefully before proceeding with the installation. 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 Modular Intake Tube or Jr. Kit was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid.

***THANK YOU FOR SELECTING AIRAID.***



### **Packing List:**

KIT924T	Modular Intake Tube	1
851-447	Airaid Premium Filter	1
KITHUMPHS01	Urethane Hump Hose	1
KITCOUPLER03	Urethane Coupler	1
KIT924-1HP	Hardware & Instructions	1
- KITHS60	#60 Hose Clamp	4
- KITSNP16M4	#16 Speed Clamp	2
- KITSNP22M4	#22 Speed Clamp	2
- KITGRMT02	Rubber Grommet	1
- KITHOSEO1	1/2"x4 1/2" Hose	1
- KIT106CAP	Rubber Cap	1
- KITFITTING03	Black Connector Fitting	1

### **Tools Required for this Installation:**

Flat Head Screwdriver  
10mm Deep Socket



# Installation Instructions. Read Me!

## 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. P/N 301-724 Replacement Filter

- If you purchased the Airaid Jr. kit P/N 301-724, 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.

**SynthaMax**<sup>®</sup>

## 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<sup>®</sup>, Formula 409<sup>®</sup> 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.



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