

# AIR AID<sup>®</sup>

## INTAKE SYSTEMS

### # 300-150 INSTALLATION INSTRUCTIONS

### 03-05 Dodge Ram 5.7L Hemi

### NOTE: DOES NOT FIT 2006 DODGE RAM

Thank you for purchasing the Airaid Intake System. 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 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 using the Airaid Filter Tune-Up Kit periodically.

*Thank you for selecting Airaid.*



#### Packing List:

KIT125-IDC	Cool Air Dam	1
KIT125WS	Weather Seal	1
KIT924T	Modular Intake Tube	1
KITHUMPHS01	Silicone Hump Hose	1
KITCOUPLER03	Silicone Coupler	1
700-445	Airaid Premium Filter	1
KIT150HP-	Hardware & instructions	1
-KITSNP16M4	#16 Snapper Clamp	2
-KITSNP19M4	#19 Snapper Clamp	1
-KITSNP22M4	#22 Snapper Clamp	2
-KITSNP24GHS	#24 Snapper Clamp	1

#### Packing List (cont'd):

-KIT125-ICAP	Black Rubber Cap Large	1
-KIT106CAP	Black Rubber Cap Small	1
-KITHS56	#56 Worm Clamp	4
-KITGRMT02	Rubber Grommet	1
-KITHOSE01	4 1/2' x 1/2" Hose	1
-KITFITTING03	Black Connector Fitting	1

#### Tools Required for this Installation:

Flat Head Screwdriver  
10mm Deep Socket

## Installation Instructions. Read Me!



1. Disconnect the negative battery cable, and remove the factory “accordion” style intake hose by loosening the two factory clamps.



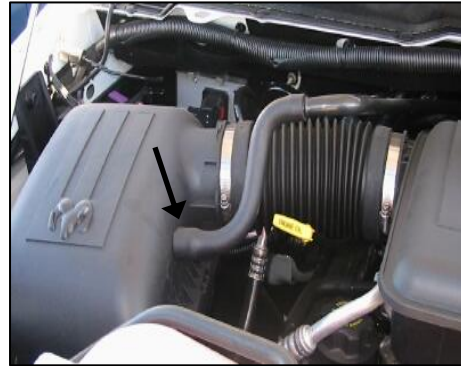
2. Loosen the two 10mm bolts securing the factory air box to the intake manifold.



3. Disconnect the air temperature sensor wire on the front of the factory air box & twist to remove the sensor from the factory air box (retain for later use with Airaid intake).



4. 2003 Models: Disconnect & remove the crankcase vent hose from the front of the factory air box.



5. 2004 Models: disconnect breather hose from factory air box lid.



6. Remove the factory air box and rubber seal from throttle body.



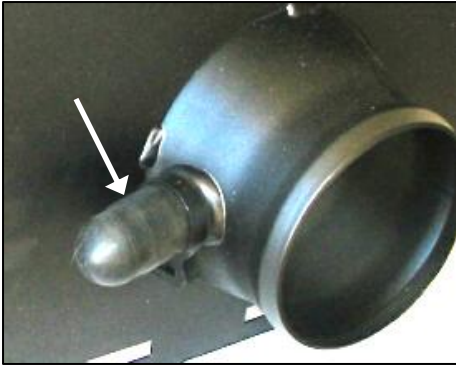
7. Unclip & remove the factory air box lid and factory air filter.



8. Position the Airaid Cool Air Dam in place of the original air box lid. Snap in place.



9. Mount the Airaid Premium filter inside the Cool Air Dam & secure with hose clamp provided.



- 10.** 2002-2003 Models Only: Slip the black rubber cap over the nipple on the Cool Air Dam and secure using the #19 black speed clamp provided.



- 11.** 2004 Models Only: Mount factory breather hose to nipple on the Cool Air Dam and secure using the #24 black snapper clamp provided.



- 12.** Install the rubber grommet into the hole on the back side of the Airaid tube & insert the factory air temp sensor into grommet.



- 13.** Install the black hump hose on the long end of the Airaid tube and secure using two of the #56 hose clamps provided. Leave loose for final assembly.



- 14.** Slide the black coupler onto the throttle body and secure using a #56 hose clamp provided & install the 2<sup>nd</sup> #56 hose clamp on the other end of the coupler, leave loose for final assembly.



- 15.** Slide the Airaid tube with hump hose into the Airaid Cool Air Dam first, and then slide the other end into the throttle body coupler. (*Note: The Airaid tube should be*

*flush against throttle body with a gap between the tube and Cool Air Dam assembly for engine movement.*) After inspection, adjust the Airaid tube, coupler, and hump hose and tighten all hose clamps



- 16.** Re-connect air temperature sensor wire.



- 17.** 2003 Models Only: Use the plastic barbed fitting and 1/2" hose provided; connect factory vent hose to Airaid intake tube & secure the 1/2" hose with (2) #16 black speed clamps provided. Secure factory vent hose with (2) #22 black speed clamps provided.

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18. **2004 Models Only:** Slide the black rubber cap over the nipple near the throttle body end of the Airaid Tube.



19. Install weather strip along the top rim of the Airaid Intake System. (*Hint: start the install at the top corner of the cold air dam*)

- 20. Check for any foreign objects or debris in the intake path.
- 21. Double check your work to be certain that all nuts, bolts, and clamps are securely fastened.
- 22. Reconnect the negative battery cable.



*Before*



*After!*



**Don't Forget Your  
AIRAID Filter  
Tune-Up Kit!**

**P/N 790-550**



Instructions Revision  
Date: 10/20/05