

# AIR RAID®

## INTAKE SYSTEMS

### # 310-148 INSTALLATION INSTRUCTIONS

### 99-04 Jeep Grand Cherokee 4.7L

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:

720-440	Airaid Premium Filter	1
KIT127DC	Cool Air Dam	1
KIT127A	Black Plastic Tube Adapter	1
KIT927T	Black Plastic Intake Tube	1
KITHUMPHS03	Silicone Hump Hose	1
KITRDCR01	Silicone Reducer Hose	1
KITWSTRIP02	Weather Strip 28 1/2"	1
KIT127HP	Hardware & Instructions	1
- KIT15DHC3050	1/4-20 Button Head Bolt	2

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

- KIT09FWZ019	1/4" Flat Washer	2
- KIT09LWZ025	1/4 Lock Washer	2
- KITHS52	#52 Hose Clamp	1
- KITHS56	#56 Hose Clamp	3
- KITSNP16M4	#16 Black Speed Clamp	1

#### Tools Required for this Installation:

Flat Head Screwdriver
3/32 Allen Wrench

## Installation Instructions. Read Me!



1. Disconnect the negative battery cable, and then loosen both of the hose clamps to factory tube connecting factory air filter assembly to factory air box silencer.



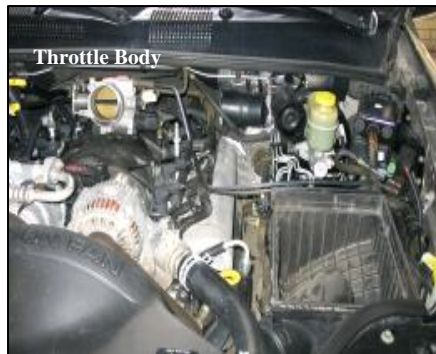
2. Remove the factory air filter box lid, accordion tube, and air filter. (*Note: leave factory air filter base installed in vehicle*)



3. Disconnect the breather hose from the factory air box silencer.



4. Loosen the hose clamp on the throttle body & both 10mm bolts securing factory air box silencer to intake manifold. Remove the factory air box silencer from engine compartment.



5. Remove the factory air box silencer coupler from the throttle body.



6. Using the two 1/4-20 bolts and washers provided, fasten the black plastic filter adapter to the Airaid Cool Air Dam.



7. Position the Airaid Cool Air Dam in place of the factory air box and snap into place.



8. Slide the supplied hump hose and hose reducer onto the Airaid Modular Intake Tube. Use the two #56 hose clamps on the hump hose and a #56 & #52 hose clamp on the big & small ends of the reducer.



9. Position the Airaid Modular Intake Tube assembly to connect the reducer to the throttle body and the hump hose to the Airaid Cool Air Dam. (*Note: leave the hose clamps loose until final assembly*)





10. Connect the factory breather hose the Airaid Modular Intake Tube & secure hose with the #16 black speed clamp provided.



11. Mount the Airaid Premium filter & weather strip onto the Cool Air Dam. (*Hint: start the weather strip at a corner and work towards the ends*)

12. Double check your work to be certain that all nuts, bolts, and clamps are securely fastened.

13. Reconnect the negative battery cable.



*Before*



*After!*



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



**P/N 790-550**

Instructions Revision  
Date: 5/19/04