



## Installation Instructions

For Part Numbers :

- 310-144 700-452 Airaid Oiled Media Filter
- 311-144 701-452 SynthaMax Dry Media Filter - Red
- 312-144 702-452 SynthaMax Dry Media Filter - Black
- 313-144 703-452 SynthaMax Dry Media Filter - Blue

1991-95 Jeep Wrangler 4.0L I6

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



### Component Identification

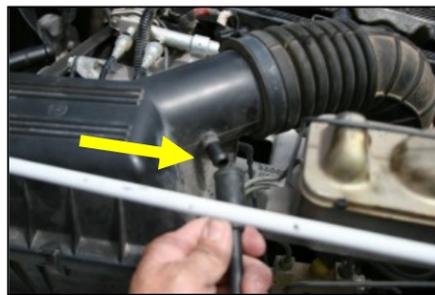
1.	Airaid Premium Filter	1
2.	MAF Panel Black	1
3.	Bottom Panel Black	1
4.	Brace	1
5.	Plastic Intake Tube	1
6.	Weather Strip 32"	1
7.	Hump Hose	1
8.	Coupler	1
9.	1/2"x10" Hose	1
10.	1/4" Flat Washer	4
11.	#6 Flat Washer	5
12.	6-32 Keps Nut	5
13.	6-32 x 5/16" Screw	5
14.	1/4-20 x 5/8" Hex Bolt	3
15.	1/4-20 Lock Nut	3
16.	Grommet	1
17.	#44 Hose Clamp	2
18.	#52 Hose Clamp	2
19.	Black Speed Clamp	3
20.	Black Speed Clamp	2
21.	1/4" Fender Washer	2
22.	1/4"NPTx1/2" Barbed Fitting	1
23.	3/8"x4" Hose	1
24.	Airaid Decal	1

**Does Not Fit Vehicles With Optional Anti-Lock Brakes**

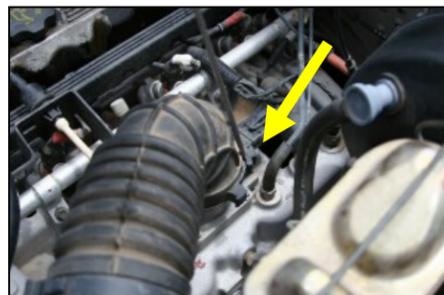
Full color instructions can be viewed on our web site at [Airaid.com](http://Airaid.com). If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.



**1.** Disconnect negative battery cable. Remove factory valve cover breather hose from airbox, and valve cover.



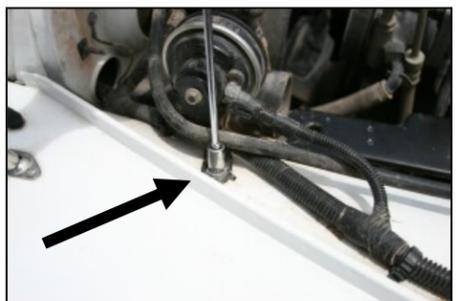
**2.** Unhook vacuum line from airbox, and remove from vehicle at the canister below the master cylinder. (Save for later use.)



**3.** Pry open the plastic clamp that holds the factory intake tube to the throttle body. Unhook the 3 metal latches on the airbox that hold it to the mounting plate, and remove the intake assembly.



**4.** Remove the two grommets from the airbox mounting plate.



**5.** Using a 10mm socket, remove the horn bolt. (Save for later use.)



**6.** Carefully remove wire loom clamp from hole in fender.



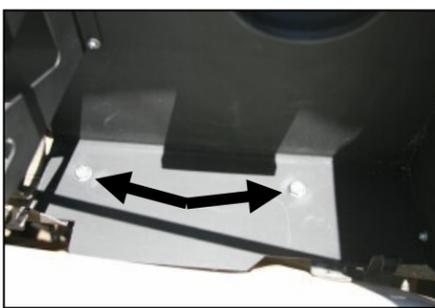
**7.** Assemble the Cool Air Dam as shown using the 5 screws, washers, and nuts provided.



**8.** Using a 9/16" wrench, loosen the nut on the radiator rod support, and lift it up.



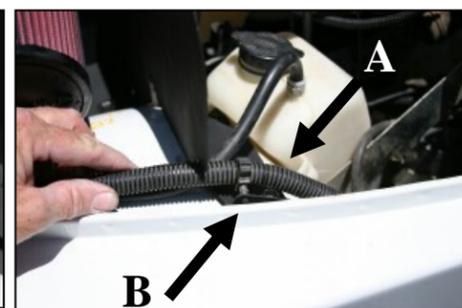
**9.** Carefully slide the CAD over the support rod, and then slide the supplied grommet over the rod, and into the hole in the CAD as shown. Rotate the CAD and place into position on the factory airbox mount. Reinstall the radiator support rod, and tighten the nut.



**10.** Install two 1/4"-20 bolts and washers thru the top, and fender washers and nuts on the bottom, where the factory grommets were removed



**11.** Slide the CAD bracket under the throttle body and reinstall the factory bolt from step 5.



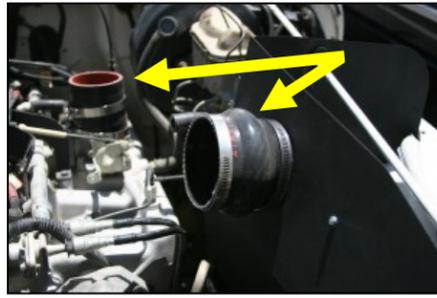
**12.** A) Using a 1/4"-20 bolt, washers, and nut, bolt the CAD to the fender. B) Install the wire loom clamp into the hole in the CAD, as shown.



13. Remove the factory hose from step 2, and install the new 3/8" x 4" hose on the end of the vacuum line as shown. Reinstall vacuum line. (Refer to step 2.)



14. Install the 1/4" barbed fitting into the intake tube.



15. Install hump hose on CAD with #52 hose clamps, and the coupler on the throttle body with #44 hose clamps as shown.



16. Slide intake tube into the hump hose first, and then into the coupler. Adjust for a good fit, and tighten hose clamps. Slide vacuum hose on barbed fitting, and install speed clamp as shown.



17. Replace the factory breather hose with 1/2"x10" rubber hose between valve cover and intake tube using speed clamps as shown.



18. Install the Airaid Premium Filter and the weather strip on the CAD, as shown. (Hint: start the weather strip near the radiator support and work towards the back of the vehicle.)



19. Apply the Airaid Foil Decal onto the Panel as shown. towards the back of the vehicle.

Double check your work, make sure all nuts, bolts, and clamps are securely fastened. Make sure there is no foreign material in the intake path. Re-connect the negative battery cable.

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

700-452 Airaid Oiled Media  
702-452 Airaid SynthaMax Dry Media - Black

701-452 Airaid SynthaMax Dry Media - Red  
703-452 Airaid SynthaMax Dry Media - Blue

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

**SynthaMax**

**Do Not Oil**



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



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.

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