



Installation Instructions

For Part Numbers:

310-927 Modular Intake Tube

311-727 Jr. Kit 851-048-1 SynthaMax Dry Media Filter - Red

1999-04 Jeep Grand Cherokee
4.7L V8 (Exc. HO)



Component Identification

1.	*Airaid Premium Filter	1
2.	Modular Intake Tube	1
3.	Hump Hose	1
4.	Hose Reducer	1
5.	#52 Hose Clamp	1
6.	#56 Hose Clamp	1
7.	#60 Hose Clamp	2
8.	Black Speed Clamp	1

* Filter included only in Jr. Kits

Full color instructions can be viewed on our web site at Airaid.com. Use the **Product Search** function to find your part number, and click **View Details**.

I DISCONNECT NEGATIVE (-) BATTERY CABLE

II Remove Factory Intake Assembly

- A) Loosen and remove the two 8mm bolts below the silencer box. **See Fig#1**
- B) Loosen the hose clamp on the throttle body using a flat head screwdriver.
- C) Disconnect 1/2" breather hose on the right side of silencer box. **See Fig#2**
- D) Loosen the two clamps on the intake tube connecting the silencer box to the filter box.
- E) Remove silencer box and intake tube from engine. **See Fig#3**

III Airaid Modular Intake Tube Installation

- A) Install the silicone hose reducer on the throttle body using the #52 hose clamp provided.
- B) Install the silicone hump hose onto the oval end of the MIT tube using the #56 hose clamp provided.
- C) Slide the MIT tube into the throttle body hose reducer, then slide the oval end of the tube with hump hose over the factory air filter box (or Airaid Intake System) using the remaining 2 #56 hose clamps.
- D) Attach crankcase breather hose to the rear of the MIT tube using the #16 black speed clamp.

IV Airaid Jr. Replacement Filter

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

V Finishing Up

- A) Inspect overall work.
- B) Check hood clearance.
- C) Ensure that no foreign objects are in the intake path!
- D) Re-connect negative battery cable.

Fig #1



Fig #2



Fig #3



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.

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



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



SynthaMax[®]

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.

