



## Installation Instructions

For Part Numbers:

310-970 Modular Intake Tube  
 310-770 Jr. Kit 850-233 Airaid Oiled Media Filter  
 311-770 Jr. Kit 851-233 SynthaMax Dry Media Filter

2005-10 Jeep Grand Cherokee  
 2006-10 Jeep Commander  
 5.7L V8 Hemi



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.	Modular Intake Tube	1
3.	Coupler 3 1/2"x 3"	1
4.	Hump Hose 3 1/2"x 3"	1
5.	Grommet	1
6.	Nylon zip tie	1
7.	#60 Hose Clamp	4

\* Filter included only in Jr. Kits

Full color instructions can be viewed on our web site at [Airaid.com](http://Airaid.com). Use the **Product Search** function to find your part number, and click **View Details**. 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 the negative battery cable.**  
 Loosen hose clamp on air cleaner box lid. Carefully twist and remove the breather hose from the lid.



**2.** Remove oil fill cap and set aside.



**3.** Carefully lift the engine cover for access to the throttle body. *(There are only grommets that hold down the cover, no bolts.)*



**4. A.)** Using the 10mm socket, remove the bolt that holds the stock intake system. **B.)** Loosen the hose clamp that holds the coupler to the throttle body.



**5.** Carefully pull the intake towards you and rotate it so the bottom faces you, and cut the tie wrap that holds the breather tube, as shown.



**6.** Slide the clip off of the intake tube that holds the breather line.



**7.** Carefully twist and remove the temperature sensor from the stock intake tube. Remove the stock intake tube from the vehicle.



**8.** If you purchased an Airaid Jr. Kit, unhook the two clips and remove the factory air filter, and replace it with the Airaid Premium Filter supplied in the kit.



**9.** Reconnect the breather hose. Install the hump hose and two #60 hose clamps as shown. **Do not** tighten the clamps.



10. Install the coupler and two #60 hose clamps on the throttle body as shown. **Do not** tighten hose clamps. Fasten the factory breather hose to air conditioning line using the supplied zip tie.



11. Install the supplied grommet into Airaid MIT as shown.



12. Carefully install the temperature sensor into the Airaid MIT as shown. Make sure it's pushed all the way in and the plug is connected to the wire harness.



13. Install the MIT into the hump hose first, and then into the throttle body coupler. Adjust to fit, and tighten the hose clamps.



14. Re-install the engine cover by firmly pushing it back into the grommets.



15. Re-install the oil fill cap.

16. Check for any foreign material in the intake path. Re-check your work for tightness. **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

850-233 Airaid Oiled Media

851-233 Airaid SynthaMax Dry Media - Red

**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*<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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