

AIRRAID[®]

INTAKE SYSTEMS

#301-159 INSTALLATION INSTRUCTIONS 2004-07 Dodge Ram 5.9L Cummins Diesel

(Note : Use P/N 300-147 For vehicles w/out optional “quiet hood pad”)

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!

Thank you for selecting Airaid.



Packing List:

721-128	Airaid Premium Filter	1
KIT155RPC	Rear Air Dam Panel	1
KIT155FPC	Front Air Dam Panel	1
KIT928T	Modular Intake Tube	1
KIT8A	Filter Adapter Tube	1
KITWSTRIP02	Weather Strip 24 1/4"	1
KIT159HPS	Hardware & Instructions	1
- KIT15FW3016	#8 Flat Washer	2
- KIT25C62HCSS	1/4-20 x 5/8" Hex Bolt	3

Packing List (cont'd):

- KIT09FWZ019	1/4" Flat Washer	3
- KIT6C31MXPPZ	6-32 Phillips Screw	4
- KIT6CNKEPZ	6-32 Nut	4
- KIT6NWSAPZ	#6 Washer	4
- KIT10BHCP63	8-32 Button Head Screw	2

Tools Required for this Installation:

Flat Head Screwdriver
7mm & 8mm Sockets & Ratchet
3/32 Allen Wrench, T-20 bit

Installation Instructions. Read Me!



1. Disconnect the negative battery cable and disconnect the electrical connector. Using the T-20 bit loosen the two star head bolts and remove the electrical sensor. (Retain sensor for installation on Airaid Intake System)



2. Loosen the hose clamp on the bottom of the factory intake tube that connects to the turbo housing.



3. Unclip the factory air box lid and remove entire filter/intake assembly from vehicle.



4. Remove factory tube assembly from vehicle. Disassemble assembly by loosening hose clamps on the factory intake assembly above and below the factory silencer tube.



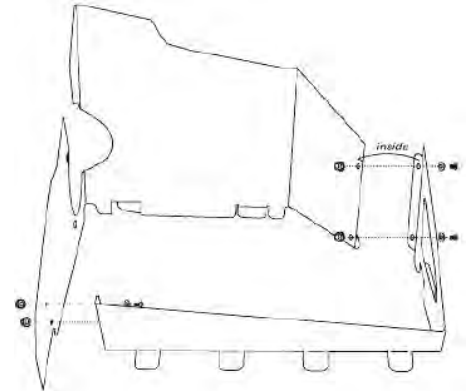
5. Replace the factory silencer tube in the removed intake assembly with the Airaid tube using the stock hose clamps.



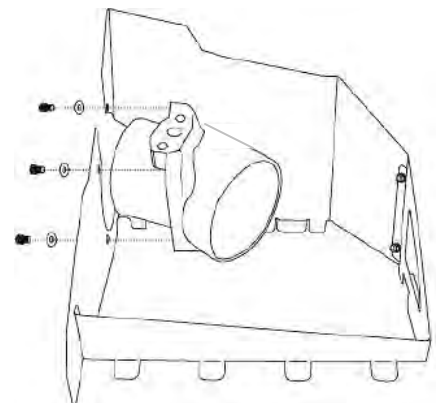
6. Note: on each side of the tube are notches that must be aligned with the notches on the stock connector tubes. Also, the flow arrow must point down toward the turbo housing.



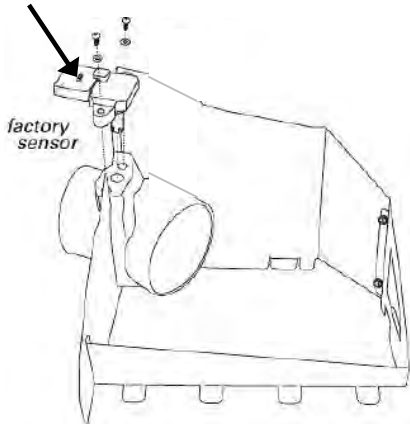
7. Check for any foreign objects or debris in the intake path & install complete tube assembly onto turbo charger using the stock hose clamp.



8. Assemble Airaid Quick Fit Cool Air Dam panels using the (4) 6/32 screws, washers and nuts provided.



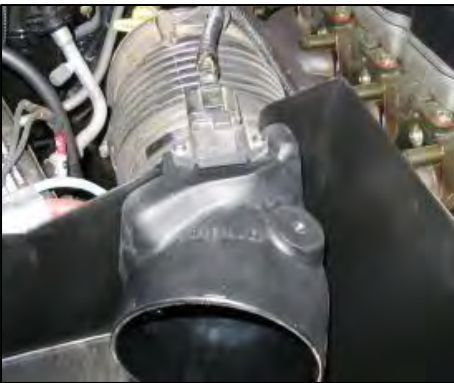
9. Assemble the air filter adapter to the cool air dam using the (3) 1/4-20 bolts and washers provided.



10. Fasten the factory sensor on top of the adapter using the (2) 8/32 screws and washers using a 3/32 Allen Wrench.



11. Install Airaid intake assembly in place of the factory air box lid & tighten factory hose clamp on intake tube to Airaid system & secure air intake tube to adapter using the factory hose clamp.



12. Re-connect the wire harness to the sensor on top of the Airaid adapter.



13. Mount Airaid Premium Filter to the filter adapter and tighten hose clamp, in addition; press the two pieces of weather strip onto the top of the Airaid cool air dam. (*Hint: start the install at the top corner of the cool air dam*)

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

15. Reconnect the negative battery cable.

Before!



After!



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.

