



Installation Instructions

For Part Numbers:

301-147	721-128 SynthaMax Dry Media Filter - Red
302-147	722-128 SynthaMax Dry Media Filter - Black
303-147	723-128 SynthaMax Dry Media Filter - Blue

2003-04 Dodge Ram 2500/3500

5.9L I6 Cummins Diesel

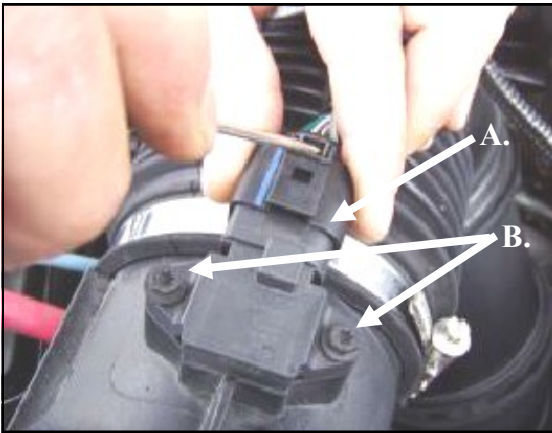
(Note: Use P/N 300-159 For vehicles with optional "quiet hood pad")



Component Identification

1.	Airaid Premium Filter	1
2.	Front Air Dam Panel	1
3.	Rear Air Dam Panel	1
4.	Airaid Intake Tube	1
5.	Air Filter Adapter	1
6.	Weather Strip 27"	1
7.	6-32x5/16" Screw	4
8.	#6 Flat Washer	4
9.	6-32 Keps Nut	4
10.	1/4-20x5/8" Hex Bolt	3
11.	1/4" Flat Washer	3
12.	8-32 Button Head Screw	2
13.	#8 Flat Washer	2
14.	T20 Torx Bit	1

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**.



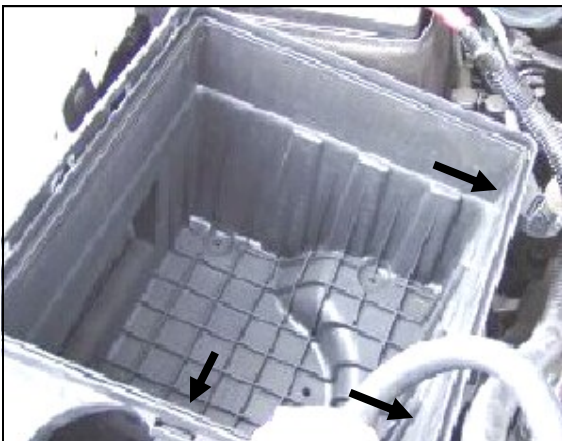
1. Disconnect the negative battery cable.
A.) Disconnect the Intake Air Temperature (IAT) sensor wiring harness by pushing down on the tab, and sliding the connector back.
B.) Using the provided T-20 torx bit, remove the two IAT sensor mounting bolts and the sensor from the tube (save for reuse).



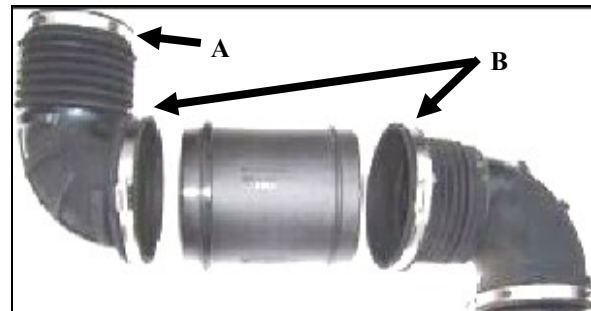
2. Remove the factory filter minder and rubber grommet (save for reuse).



3. Using a 7mm socket, loosen the hose clamp where the factory intake tube connects to the turbo housing.



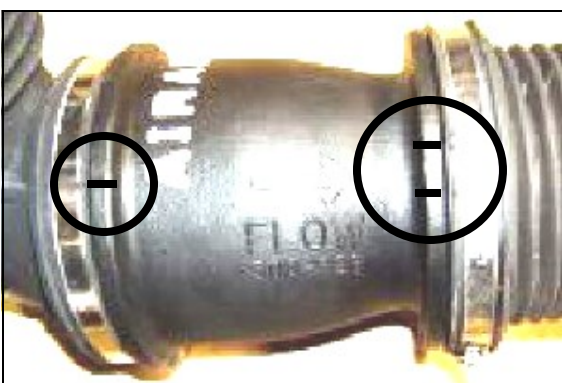
4. Unlatch the three clips on the factory air box. Remove the factory intake tube assembly and air-box lid from the vehicle.



5. A.) Loosen the hose clamp that secures the factory airbox lid to the intake tube assembly, and remove the assembly from the lid.
 B.) Loosen the hose clamps above and below the factory silencer tube. Remove the factory silencer tube, and save the factory intake tubes.



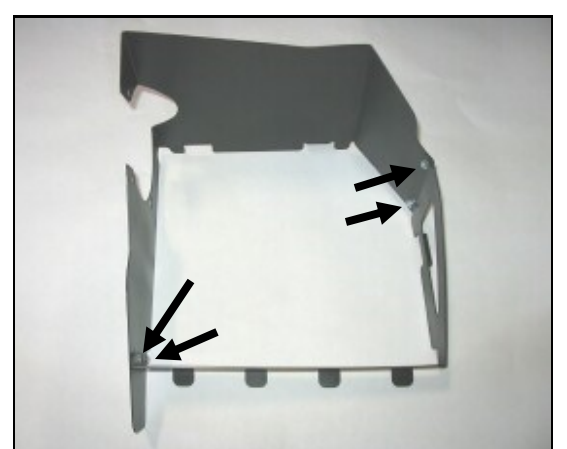
6. Replace the factory silencer tube with the Airaid Intake tube (#4). Complete the Airaid Intake tube assembly by aligning the notches in the tubes, and tightening the factory hose clamps.



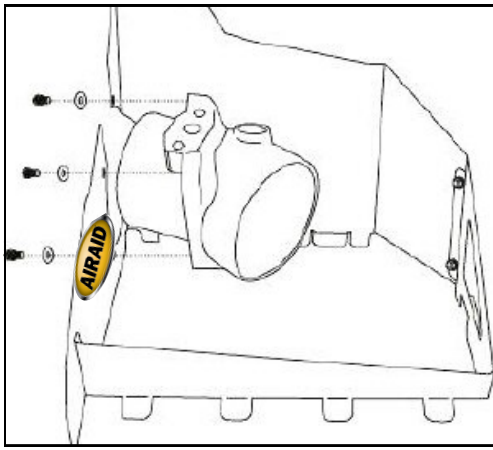
7. Note: Each side of the Airaid Intake Tube has notches that must be aligned with the notches on the factory intake tubes. Also, the flow arrow must point down toward the turbocharger inlet.



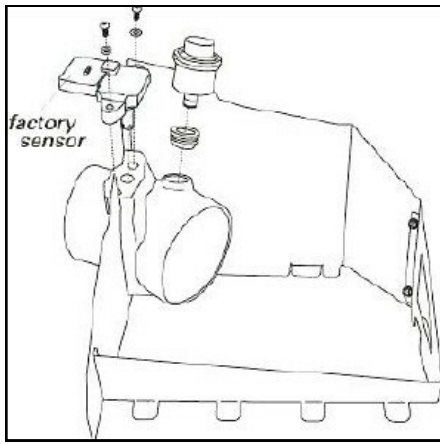
8. Install the Airaid Intake Tube assembly onto the turbocharger inlet. Tighten the factory hose clamp.



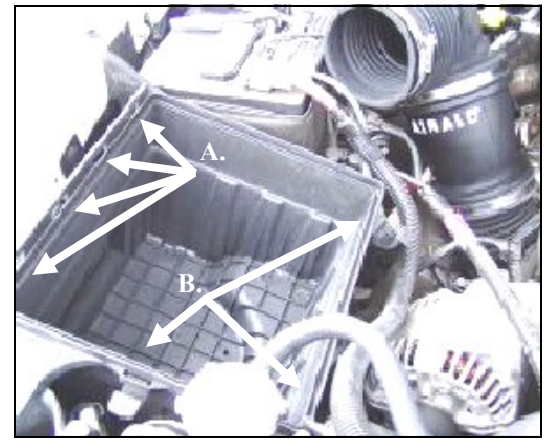
9. Assemble the Airaid Cool Air Dam (CAD) panels (#2,#3) using four 6-32x 5/16" screws (#7), #6 flat washers (#8) and 6/32 keps nuts (#9).



10. Mount the air filter adapter (#5) onto the CAD, using three 1/4-20x 5/8" hex bolts (#10), and three 1/4" flat washers. Apply the Airaid Foil Decal onto the Panel as shown



11. Install the factory IAT sensor into the air filter adapter using two 8-32 button head screws (#12), and #8 flat washers (#13). Install the factory rubber grommet and filter minder into the air filter adapter.



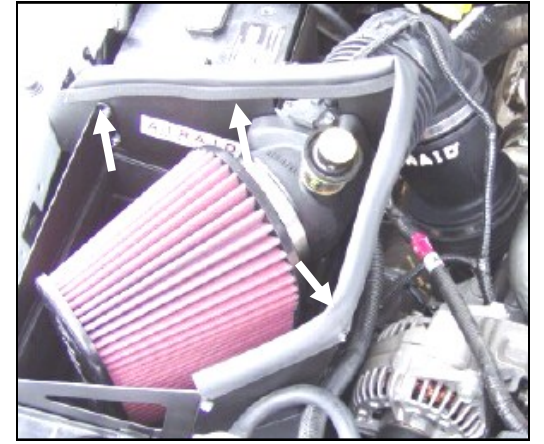
12. A.) Install the CAD by inserting the four tabs into the side of the factory airbox. B.) Relatch the three airbox clips onto the CAD.



13. Slip the intake tube onto the air filter adapter, and tighten the clamp.



14. Reconnect the IAT sensor wiring harness to the sensor.



15. Install the Airaid Premium Filter (#1) onto the air filter adapter. Install the weather strip (#6) onto the top of the CAD. (Hint: start at one end, and work to the other).

16. Double check your work!

Make sure there is no foreign material in the intake path. Make sure all clamps, hoses, bolts, and screws are tight.

17. Reconnect 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

721-128 Airaid SynthaMax Dry Media - Red

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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.