



Note 2004-07 Dodge Ram 2500/3500 5.9L I6 Cummins Diesel : Use P/N 300-147 For Vehicles with optional "quiet hood pad"

Installation Instructions

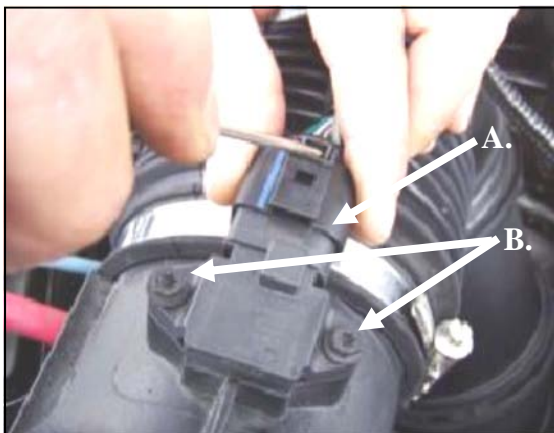
For Part Numbers:

- 300-159 720-128 Airaid Oiled Media Filter
 - 301-159 721-128 SynthaMax Dry Media Filter - Red
 - 302-159 722-128 SynthaMax Dry Media Filter - Black
 - 303-159 723-128 SynthaMax Dry Media Filter - Blue
- 2004-07 Dodge Ram 2500/3500
5.9L I6 Cummins Diesel
Note: Use P/N 300-147 for vehicles with optional "quiet hood pad"

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

Component Identification

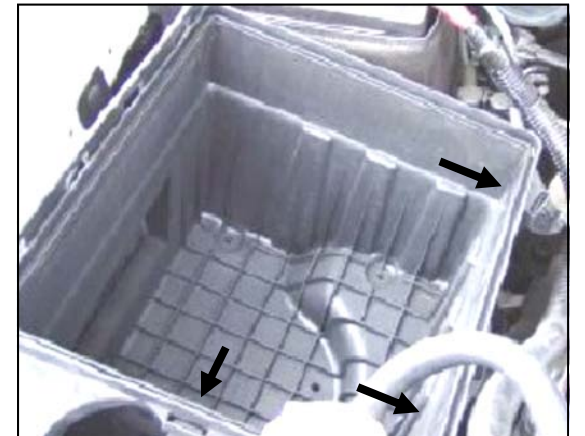
1.	Airaid Premium Filter	1
2.	Front Air Dam Panel	1
3.	Rear Air Dam Panel	1
4.	Airaid Intake Tube	1
5.	Air Filter Adapter	1
6.	Weather Strip 2 1/4"	1
7.	6-32 x 5/16" Screw	4
8.	#6 Flat Washer	4
9.	6-32 Keps Nut	4
10.	1/4-20 x 5/8" Hex Bolt	3
11.	1/4" Flat Washer	3
12.	8-32 Button Head Screw	2
13.	#8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



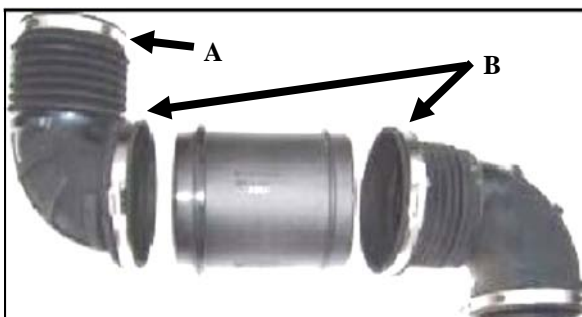
1. Disconnect the negative battery cable.
A.) Disconnect the Intake Air Temperature (IAT) sensor wiring harness by pushing down on the tab, and sliding the connector back.
B.) Using the provided T-20 torx bit, remove the two IAT sensor mounting bolts and the sensor from the tube (save for reuse).



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



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



4. 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.



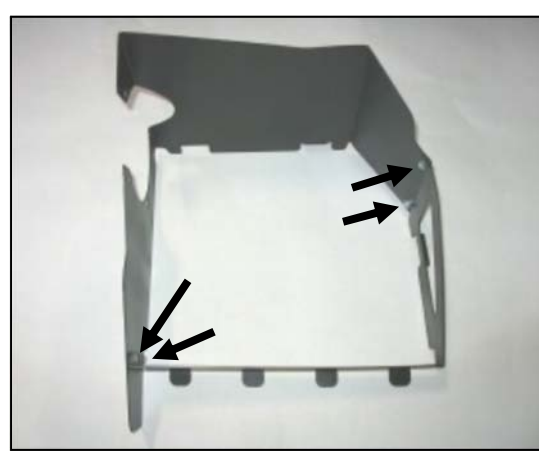
5. Replace the factory silencer tube with the Airaid Intake tube (#4). Complete the Airaid Intake tube assembly by aligning the notches in the tubes, and tightening the factory hose clamps.



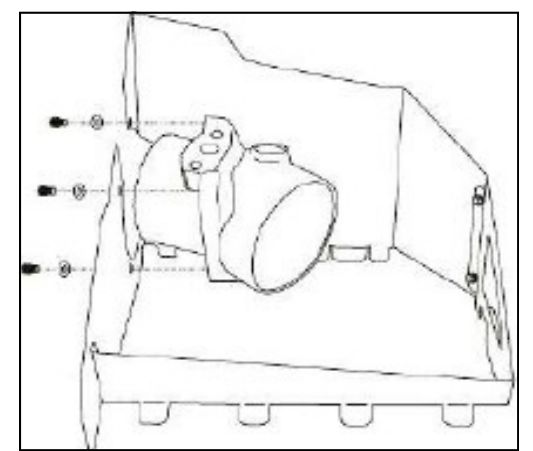
6. Note: Each side of the Airaid Intake Tube has notches that must be aligned with the notches on the factory intake tubes. Also, the flow arrow must point down towards the turbocharger inlet.



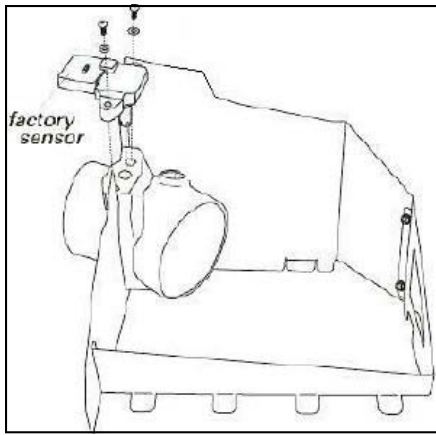
7. Install the Airaid Intake Tube assembly onto the turbocharger inlet. Tighten the factory hose clamp.



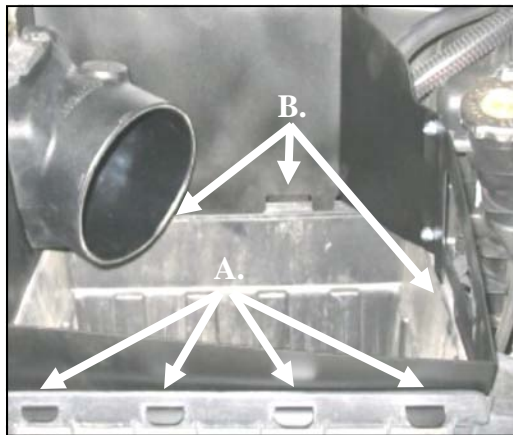
8. Assemble the Airaid Cool Air Dam (CAD) panels (#2, #3) using four 6-32x 5/16" screws (#7), #6 flat washers (#8) and 6-32 keps nuts (#9).



9. 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 (#11).



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



11. 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**.



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



13. Reconnect the **IAT** sensor wiring harness to the sensor.



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

15. 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.

16. Reconnect the negative battery cable!

Thank you for purchasing the Airaid Intake System. 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 wa-ter 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

720-128 Airaid Oiled Media
722-128 Airaid SynthaMax Dry Media - Black

721-128 Airaid SynthaMax Dry Media - Red
723-128 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.