

AIR RAID®

INTAKE SYSTEMS

#301-157 INSTALLATION INSTRUCTIONS 2004-06 DODGE DURANGO 4.7L

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.

THANK YOU FOR SELECTING AIRAID.



Packing List:

701-450	Airaid Premium Filter	1
KIT143A	Air Filter Adapter	1
KIT143MAFC	MAF Panel	1
KIT143FPC	Rear Panel	1
KIT109H9816	Breather Hose	1
KITWSTRIP02	Weather Strip 17 1/4"	1
KIT944T	Modular Intake Tube	1
KITRDCR01	Reducing Coupler	1
KITHUMPHS03	Urethane Hump Hose	1
KIT157HPS	Hardware & Instructions	1
-KITSNP24GHS	Speed clamp	2
-KITELBOW03	Nylon Fitting	1

Packing List Continued:

-KIT15DHC3050	1/4-20 Button Head Screw	2
-KIT09FWZ019	1/4" Flat Washer	2
-KITGRMT03	Rubber Grommet	1
-KITHS52	#52 Hose Clamp	1
-KITHS56	#56 Hose Clamp	1
-KITHS60	#60 Hose Clamp	2
-KIT6C31MXPPZ	6-32 x 5/16" Phillips Screw	4
-KIT6CNKEPZ	6-32 Keps Nut	4
-KIT6NWSAPZ	#6 Flat Washer	4

Tools Required for this Installation:

Flat Blade Screwdriver
10mm and 13mm Socket and Ratchet

Installation Instructions. Read Me!



1. Disconnect the negative battery cable. Disconnect the breather hose from the factory air box lid. Loosen the two hose clamps on each end of the factory intake tube.



2. Unsnap the factory silencer box from the fan shroud and remove the factory tube assembly from the vehicle.



3. Unlatch the metal clips and remove the lid from air box base. Using a 13mm socket, remove the air box base from the engine compartment.



4. Using a flat blade screwdriver, carefully unplug the box inlet from the base and remove it. Reinstall the factory base in the engine compartment with out the inlet.



5. Disconnect the factory electrical connector from the factory air temperature sensor.



6. Loosen the two 10mm bolts mounting the factory air box to the intake manifold and remove from vehicle.



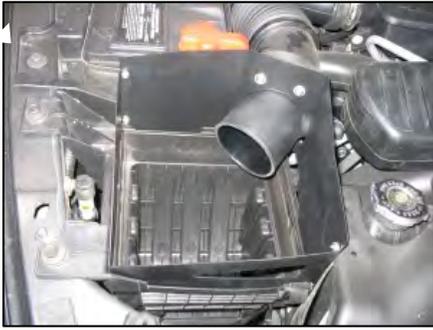
7. Turn the air temperature sensor 1/4 turn and remove from the air box. Retain sensor for later use.



8. Using the supplied #6 screws, nuts and washers, assemble the two panels as shown above. Next, install the supplied air filter adapter using the supplied 1/4-20 bolts and washers.



9. Install the supplied nylon fitting into the air filter adapter as shown.



- 10.** Install the Airaid Quick Fit assembly on top of the factory air filter base. Relatch the clips, and tighten the hose clamp.



- 11.** Using the supplied pre-formed 3/4" breather hose, connect the nylon fitting to the remaining plastic factory hose as shown. Fasten both ends of the hose using the supplied nylon speed clamps. Adjust the fitting downward to clear the factory intake tube assembly.



- 12.** Install the supplied reducing coupler and #52 hose clamp onto the throttle body. Install the #56 hose clamp on the opposite end.



- 13.** Slide the hump hose on to the straight end of Airaid intake tube with two #60 hose clamps. (*Note: Leave hose clamps loose until final assembly.*)



- 14.** Install the Airaid intake tube assembly by connecting the Airaid hump hose onto the air filter adapter, and the other end into the Airaid reducing coupler. Tighten all hose clamps.



- 15.** Install the supplied rubber grommet and factory air temperature sensor into the Airaid intake tube. Next, reconnect the factory electrical connector onto the sensor.



- 16.** Install the Airaid Premium Filter on the end of the air filter adapter. Install the supplied weather strip on the Quick Fit panel. (*Note: start from one end and work your way around to insure proper alignment of weather strip.*)

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

- 18.** 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.

Instructions Revision
Date:10/25/10