

# AIR AID®

## INTAKE SYSTEMS

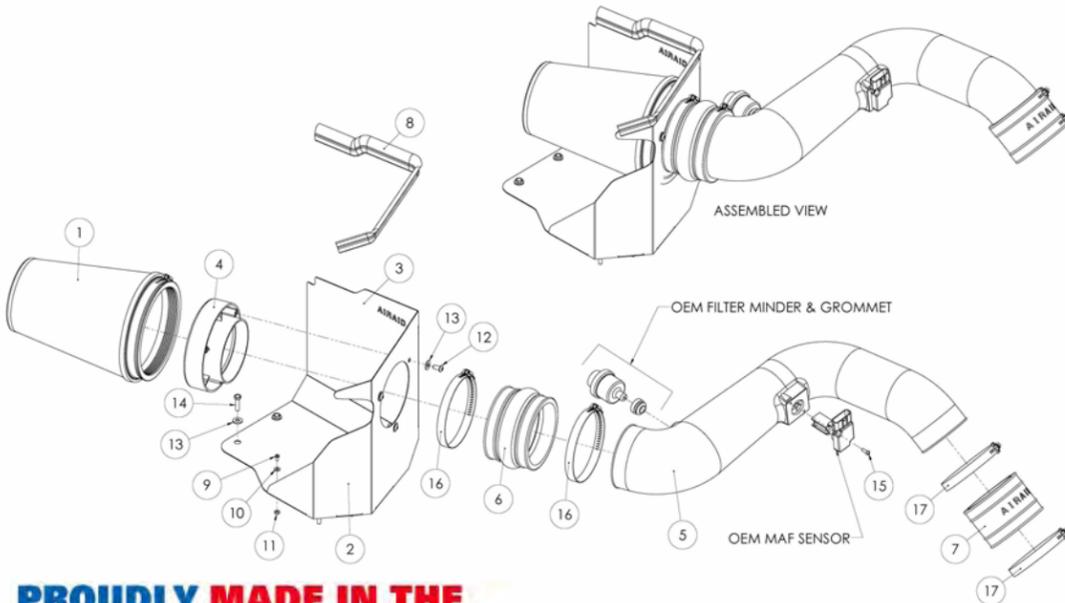
**Installation Instructions**  
**Part Number 201-167**  
**2005 Chevy HD Truck**  
**Duramax Diesel**  
**(Does not fit 2005 GMC)**

### Packing List:

#1	701-469	Airaid Premium Filter	1
#2	KIT167MAFC	Front Cool Air Dam Panel	1
#3	KIT167RRDAMC	Rear Cool Air Dam Panel	1
#4	KIT112MAFADA	Filter Adapter	1
#5	KIT154T	Airaid Intake Tube	1
#6	KITHUMPHS05	Urethane Hump Hose	1
#7	KITCOUPLER01	Urethane Coupler	1
#8	KITWSTRIP02	Weather Strip 21"	1
	KIT167HPS	Hardware & Instructions	1
#9	KIT6C3IMXPPZ	6-32 x 5/16" Screw	5
#10	KIT6NWSAPZ	#6 Flat Washer	5
#11	KIT6CNKEPZ	6-32 Keps Nut	5
#12	KIT15DHC3050	1/4-20 x 1/2" Button Head Bolt	3
#13	KIT09FWZ019	1/4" Flat Washer	7
#14	KIT6C250HCS	M6-1x25 Hex Bolt	4
#15	KIT10BHCP50	8-32 x 1/2" Button Head Screw	2
#16	KITHS72	#72 Hose Clamp	2
#17	KITHS60	#60 Hose Clamp	2
	KITBIT#T20	T20 Security Bit	1

### Tools Required For Installation:

Flat Head Screwdriver  
 8mm, 10mm Socket  
 Ratchet & Extension  
 3/32", 5/32" Allen Wrench  
 #T20 Security bit (Included)



**1. Disconnect the negative battery cable.**  
 Disconnect the Mass Air Flow (M.A.F.) sensor wiring harness. Using the supplied T-20 Security bit, remove the two screws and the M.A.F. sensor from the tube (save the sensor for reuse). Loosen the hose clamps on each end of the factory intake tube assembly.



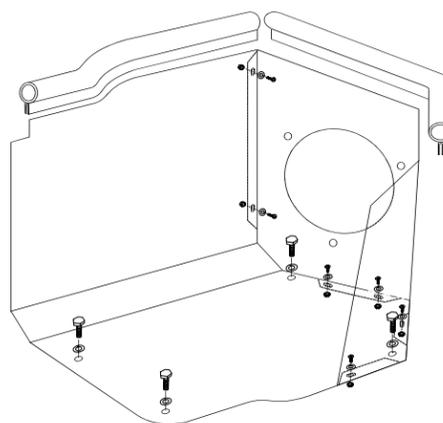
**2. Remove the factory filter minder and grommet.**



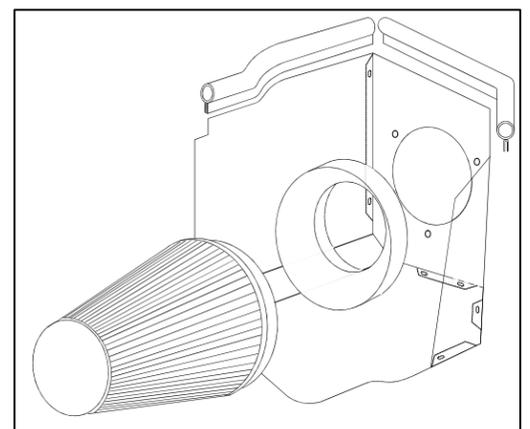
**3. Remove the factory intake tube assembly** from the engine. Rock the factory air box back and forth and remove it from the vehicle. There are only grommets holding it in, no bolts.



**4. Using a 10mm socket, remove the five bolts and mounting plate from the engine compartment.**



**5. Assemble the Airaid Cool Air Dam panels (#2, #3) using five 6-32 x 5/16" screws (#9), #6 flat washers (#10) and 6/32 keps nuts (#11).**



**6. Using three 1/4-20 x 1/2" button head bolts (#12) and 1/4" flat washers (#13), install the filter adapter (#4) onto the Airaid Cool Air Dam.**



**7. Install the Airaid Cool Air Dam assembly in the engine compartment using four M6-1x25 hex bolts (#14) and 1/4" flat washers (#13).**



**8. Using two 8-32 x 1/2" button head screws (#15) install the factory M.A.F. sensor in the Airaid intake tube (#5) DO NOT USE THE FACTORY SCREWS! (Note: Sensor must be installed in the direction shown in the picture.)**



**9. Install the factory rubber grommet and air filter minder into the Airaid intake tube.**



**10.** Install the urethane hump hose (#6) and two #72 hose clamps (#16) onto the large end of the Airaid intake tube. (*Note: Leave hose clamps loose until final assembly.*)



**11.** Install the urethane coupler (#7) and two #60 hose clamps (#17) onto the small end of the Airaid intake tube. (*Note: Leave hose clamps loose until final assembly.*)



**12.** Install the Airaid intake tube assembly onto the engine. Install the hump hose end onto the filter adapter first and then slip the coupler end of the tube onto the aluminum intake tube. Adjust for fit, and tighten the hose clamps. (*Note: There should be a gap in between the Airaid intake tube and the air filter adapter.*)



**13.** Install the Airaid Premium Filter (#1) onto the filter adapter, and tighten the hose clamp. Install the weather strip (#8) onto the Airaid Cool Air Dam. Reconnect the MAF sensor wiring harness. (*Note: Start from one corner and work your way around to insure proper alignment of the weather strip.*)

**14. 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.

**15. Reconnect the negative battery cable!**

**Before!**



**After!**



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!

**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.