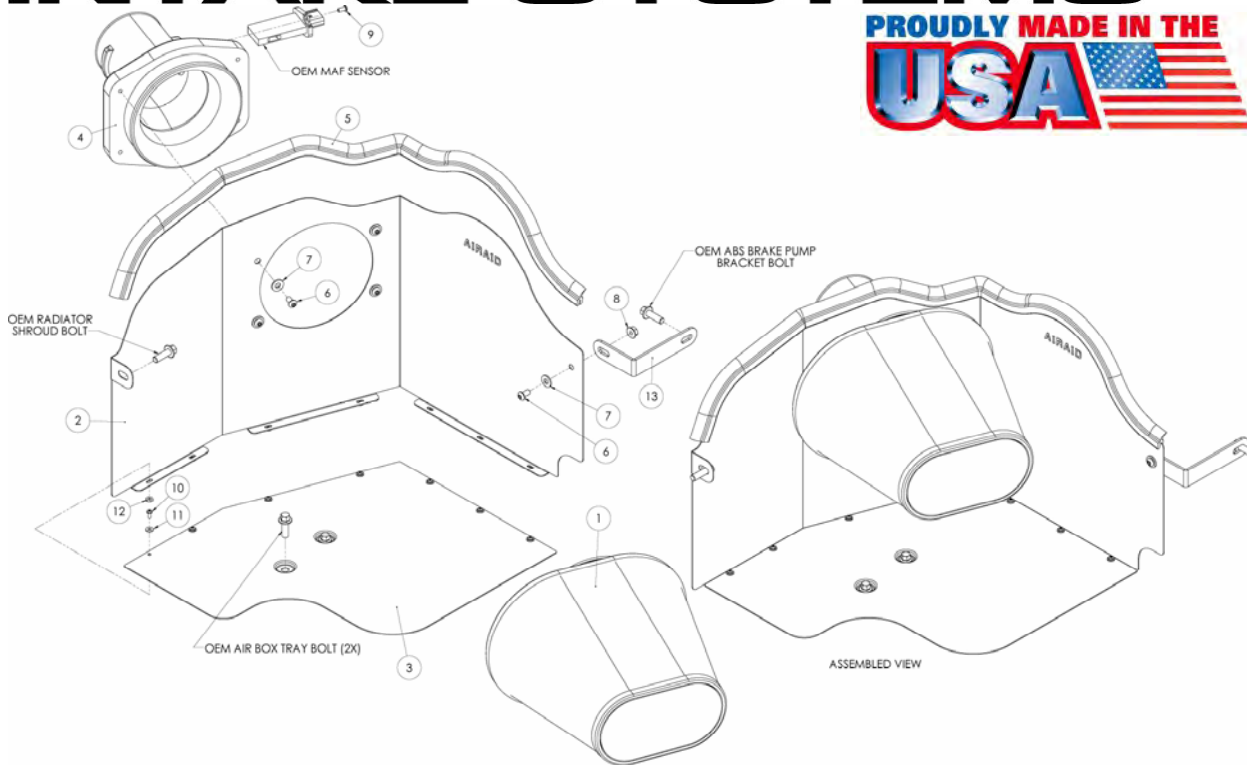


# AIR AID®

## INTAKE SYSTEMS



**Installation Instructions**  
**Part Number 400-203**  
**2005-07 Ford Superduty**  
**6.8L V-10**

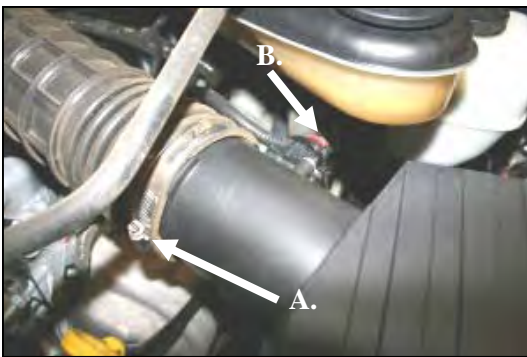


### Packing List:

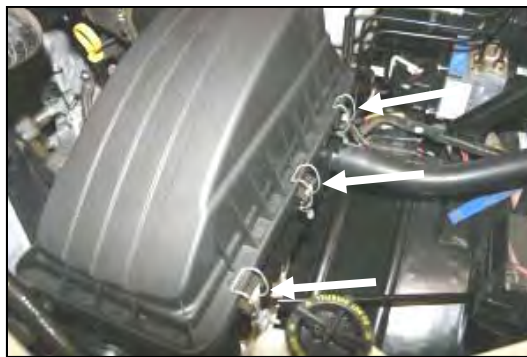
#1	720-472	Airaid Premium Filter	1
#2	KIT203MAFC	MAF Panel	1
#3	KIT203BPC	Bottom Panel	1
#4	KIT203A	MAF Adapter	1
#5	KITWSTRIP02	Weather Strip 33.5"	1
#5	KIT203HP	Hardware & Instructions	1
#6	KIT15DHC3050	1/4-20x1/2" Button Head Bolt	5
#7	KIT09FWZ019	1/4" Flat Washer	5
#8	KIT1420WZZF	1/4" Serrated Nut	1
#9	KIT15BHC3038	8-32x3/8" Button Head Screw	2
#10	KIT6C31MXPPZ	6-32x5/16" Screw	7
#11	KIT6NWSAPZ	#6 Flat Washer	7
#12	KIT6CNKEPZ	6-32 Keps Nut	7
#13	KIT203B	L-Bracket	1
#14	KITBIT01	#20 Torx Bit	1

### Tools Required For Installation:

3/32", 5/32" Allen Wrench  
 1/2", 1/4", 7/16", and 10mm Sockets  
 Ratchet & Extension  
 Phillips Screwdriver  
 Flat Blade Screwdriver



**1. Disconnect the negative battery cable!**  
**A.)** Loosen the hose clamp on the factory intake tube.  
**B.)** Slide back the red tab, and disconnect the factory mass air sensor wiring harness.



**2.** Unlatch the three metal clips that hold the airbox lid to the base.



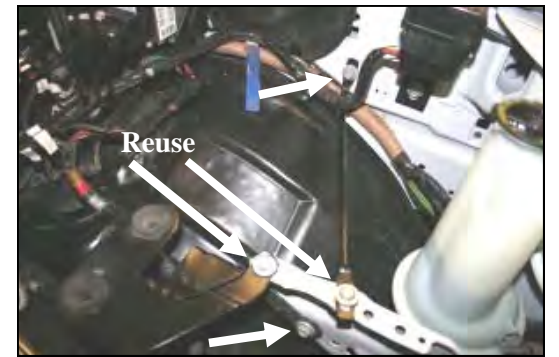
**3.** Remove the airbox lid and air filter from the vehicle.



**4.** Remove the base assembly by pulling it up out of the mounting grommets. Using the supplied torx bit (#14), 1/4" socket, ratchet and extension remove the two screws holding the factory mass air sensor in place, and remove the mass air sensor from the air cleaner lid.



**5.** Install the factory mass air sensor into the Airaid MAF Adapter (#4), using the two supplied 8-32 button head screws (#9) and a 3/32" allen wrench. Note the direction of flow on the sensor, and mount as shown above. **DO NOT USE THE FACTORY SCREWS!!**



**6.** Using a 1/2" socket, ratchet and extension, remove the 2 bolts that hold the support rod, and 2 bolts that hold the air cleaner base support. Remove the support rod and base support and set them aside. The 2 bolts that hold the air cleaner base support will be reused in step #11.



**7.** Using a 1/2" socket, ratchet, and extension, remove one bolt attaching the air cleaner base alignment bracket to the radiator support. The bolt will be reused in step #11.

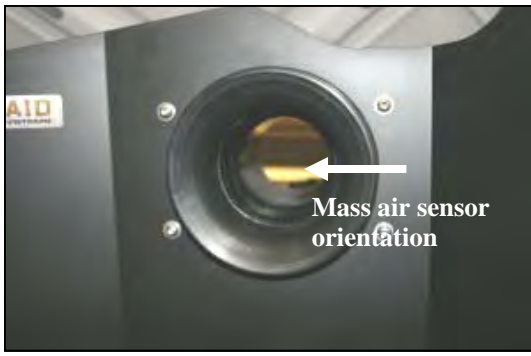


**8.** Using a 10mm socket, remove one bolt which secures the anti lock braking system bracket to the drivers side inner fender. The bolt will be reused in step #12.

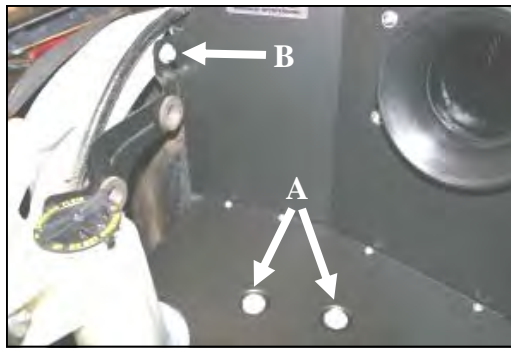


**9.** Assemble the two Cool Air Dam panels (#2 and #3) as shown, using seven 6-32 screws (#10), #6 washers (#11), and keps nuts (#12). Tighten securely.

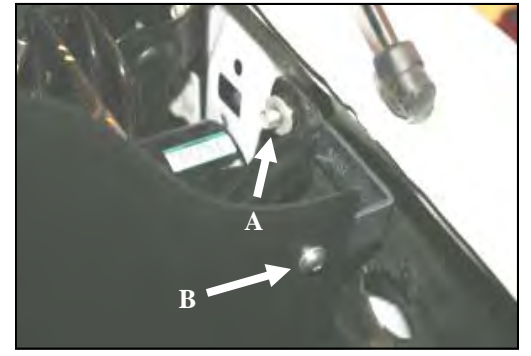




**10.** Install the MAF adapter (#4) into the panel, using four 1/4-20 button head bolts (#6), and 1/4" washers (#7). Be sure to orient the tube with the mass air sensor to the rear of the vehicle. Using a 5/32" allen wrench, tighten the 4 bolts securely.



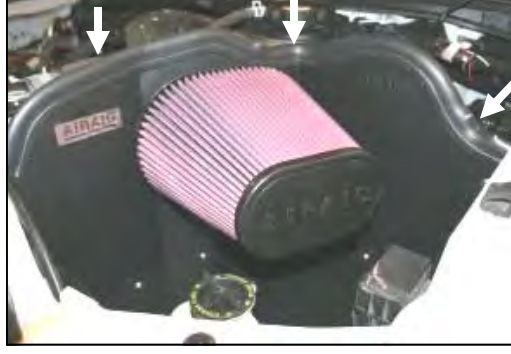
**11. A.)** Align the two panel holes with the air cleaner base support holes on the vehicle. **B.)** Align the tab on the panel with the radiator support bolt hole. The tab will mount on top of the bracket.  
Re-install the bolts saved from steps #6 and #7 into the two bottom holes of the Cool Air Dam, and one through the radiator support tab.



**12. A.)** Slide the L-bracket under the anti lock braking system bracket, and re-install the bolt removed in step #8. **B.)** Fasten the bracket onto the back of the panel using one 1/4-20x1/2" button head bolt (#6), washer (#7), and serrated nut (#8). Tighten securely.



**13.** Reconnect the factory air intake tube onto the MAF adapter (#4), and tighten the hose clamp securely. Next, re-connect the mass air flow sensor wiring harness onto the sensor.



**14.** Install the Airaid Premium Filter (#1) onto the MAF adapter and tighten the clamp. Next, install the weather strip (#5) onto the top of the CAD, starting next to the fender and working your way towards the radiator.

**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. Re-connect the negative battery cable!**

Included with your Airaid Intake System is a sticker with a California Air Resources Board (C.A.R.B.) Executive Order (EO) number. This sticker must be placed in plain view inside of the engine compartment. Failure to do so may prevent you from passing a smog inspection.

**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! The air filter is reusable and should be cleaned using the Airaid Filter Tune-Up Kit periodically.

**Don't Forget Your AIRAID Filter Tune-Up Kit!**



**P/N 790-551 Aerosol Spray**  
**P/N 790-550 Squeeze Spray**



Instructions Revision  
Date:1/17/07