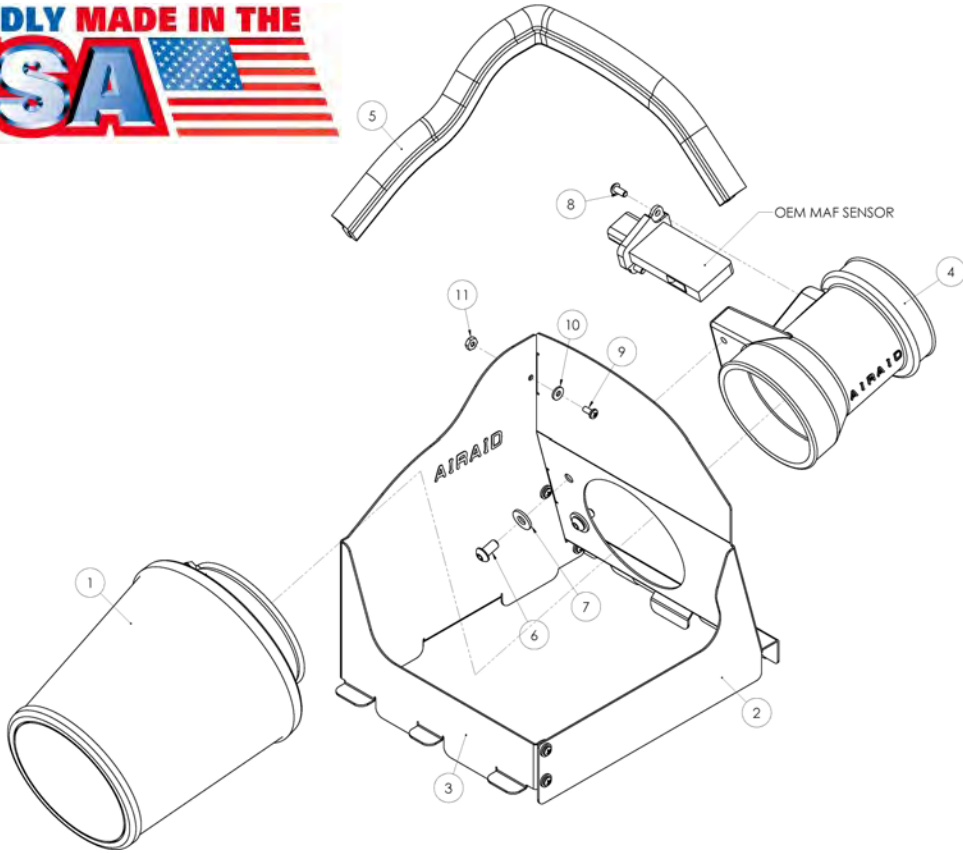


# AIR AID®

## INTAKE SYSTEMS



**Installation Instructions**  
**Part Number 400-194**  
**2004-10 Ford Ranger**  
**4.0L V-6**

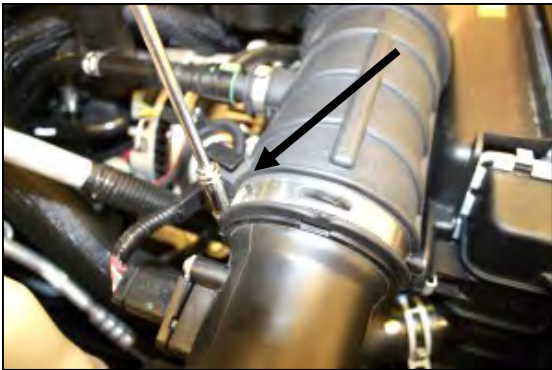
### Packing List:

#1	700-452	Airaid Premium Filter	1
#2	KIT194MAFC	MAF Panel	1
#3	KIT194BPC	Back Panel	1
#4	KIT194T	MAF Adapter	1
#5	KITWSTRIP02	Weather Strip 16 1/4"	1
	KIT194HP	Hardware & Instructions	1
#6	KIT15DHC3050	1/4"-20x1/2" Button Head Bolt	2
#7	KIT09FWZ019	1/4" Flat Washer	2
#8	KIT15BHC3038	8-32x3/8" Button Head Screw	2
#9	KIT6C31MXPPZ	6-32x5/16" Screw	5
#10	KIT6NWSAPZ	#6 Flat Washer	5
#11	KIT6CNKEPZ	6-32 Keps Nut	5
	KITBIT01	#20 Torx Bit	1

### Tools Required For Installation:

3/32", 5/32" Allen Wrenches  
 1/4", 5/16" Sockets  
 Ratchet & Extension  
 Phillips Screwdriver  
 #20 Torx Bit (Supplied)

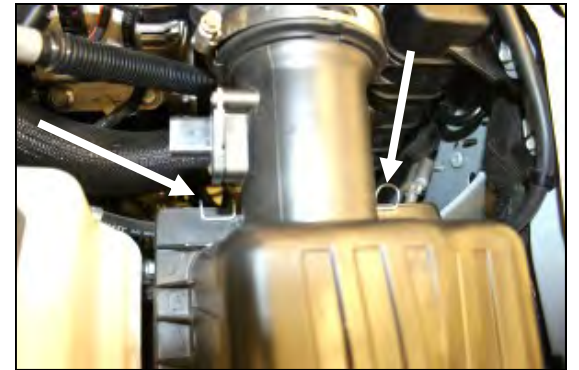
**C.A.R.B. E.O. Number Applies Only To  
 Listed Vehicles Up Thru 2008 Models  
 All Others Pending**



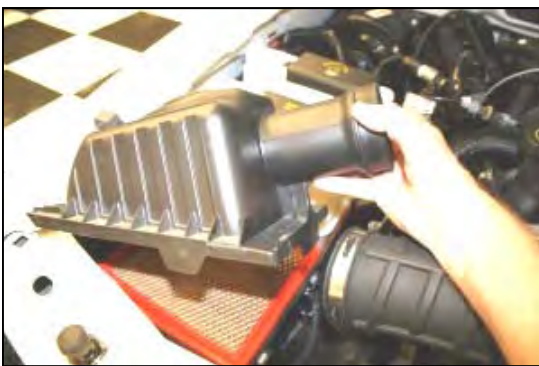
**1. Disconnect the negative battery cable.**  
 Loosen the hose clamp that holds the factory intake tube to the air cleaner lid.



**2. Slide the red tab on the bottom of the Mass Air Flow sensor wiring connector and then squeeze the connector, and unplug the harness from the sensor.**



**3. Unlatch the two metal clips that hold the factory air cleaner lid to the base.**



**4. Slide the factory intake tube off of the factory air cleaner lid, and remove the lid from the vehicle.**



**5. Remove the factory air filter from the factory air cleaner base.**



**6. Using the supplied #20 Torx bit, remove two screws, and remove the Mass Air Flow sensor from the factory air cleaner lid. Save the MAF sensor for later use in step #9.**



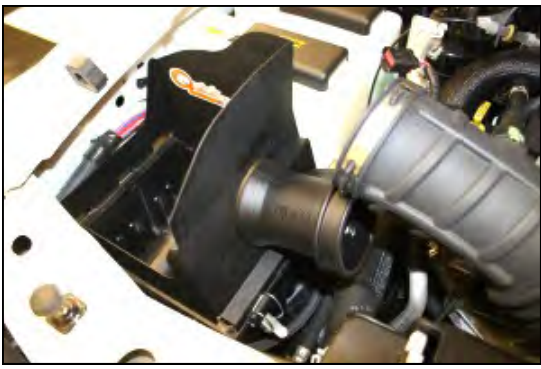
**7. Assemble the two Quick Fit Panels (#2&3), using five 6-32 screws (#9), #6 flat washers (#10), and nuts (#11), as shown.**



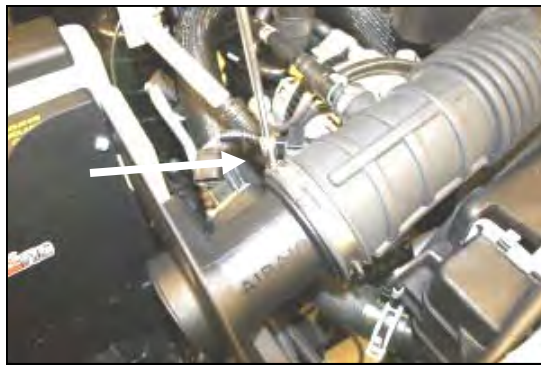
**8. Install the MAF adapter (#4) into the Quick Fit Panels, using two 1/4" button head bolts (#6), and 1/4" flat washers (#7).**



**9. Reinstall the factory MAF sensor removed in step #6, into the Airaid MAF adapter as shown using two 8-32 button head screws provided in the kit. Do Not Use The Factory Screws!!**



**10.** Install the Quick Fit Assembly onto the top of the factory air cleaner base. Start by sliding the three tabs on the Airaid panel thru the three slots on the top of the base. Center the panel assembly, and re-latch the two factory clips.



**11.** Reconnect the factory intake tube to the Airaid MAF adapter, and then tighten the hose clamp.



**12.** Reconnect the wiring harness to the MAF sensor.



**13.** Install the Airaid Premium Filter (#1) into the MAF adapter, and tighten the hose clamp. Next install the weather strip (#5) onto the top of the Quick Fit Panels as shown.

**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. Periodically check the tightness of all hose clamps. Double check the hood clearance.

**15. Reconnect 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: 01/07/10