

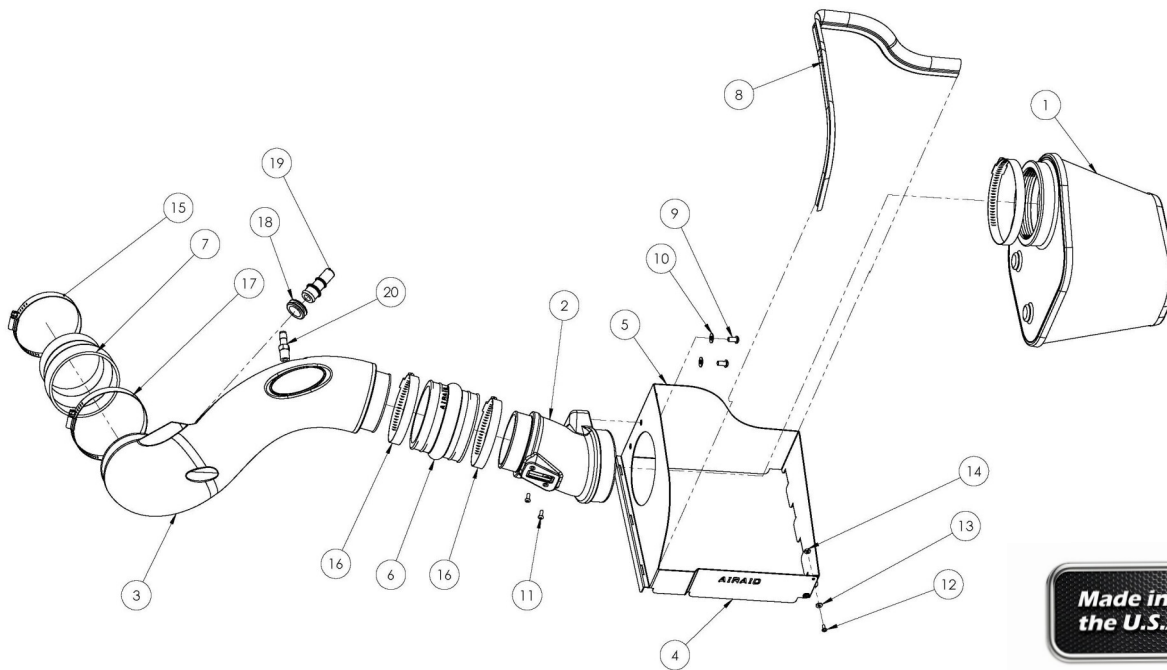


INTAKE SYSTEMS

Installation Instructions Part Number 401-299 2011-12 Ford F-150 5.0L V8

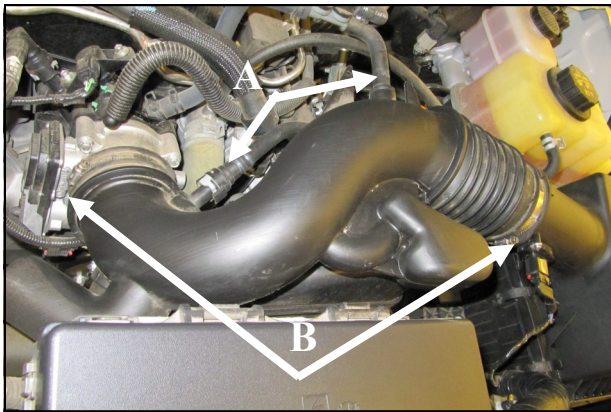
Packing List:

#1	721-478	Airaid Premium Filter	1
#2	KIT299TA	Air Meter Tube	1
#3	KIT299T	Airaid Intake Tube	1
#4	KIT299FPC	Front Panel	1
#5	KIT299RPC	Rear Panel	1
#6	KITHUMPHS03	Hump Hose	1
#7	KITRDCR18	Silicone Reducer	1
#8	KITWSTRIP02	22" Weather strip	1
	KIT299HPS	Hardware & Instructions	1
#9	-KIT15DHC3050	1/4-20 x 1/2" Button Head Bolt	x2
#10	-KIT09FWZ019	1/4" Flat Washer	x2
#11	-KIT15BHC3050	#8-32 x 1/2" Button Head Screw	x2
#12	-KIT6C31MXPPZ	#6-32 x 5/16 Pan Head Screw	x4
#13	-KIT6NWSAPZ	#6 Flat Washer	x4
#14	-KIT6CNKEPZ	#6-32Kep Nut	x4
#15	-KITHS56	#56 Hose Clamp	x1
#16	-KITHS60	#60 Hose Clamp	x2
#17	-KITHS64	#64 Hose Clamp	x1
#18	-KITGRMT10	Grommet	x1
#19	-KITFITTING15	PCV Fitting	x1
#20	-KITFITTING01	1/4 NPT to 3/8" Hose Fitting	x1
	-KITBIT01	T-20 Torx Bit	x1

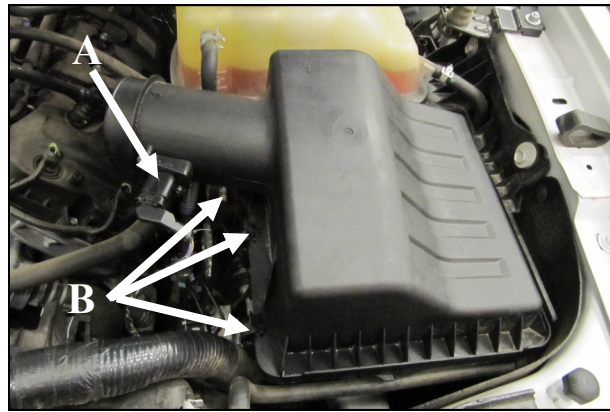


Tools Required For Installation:

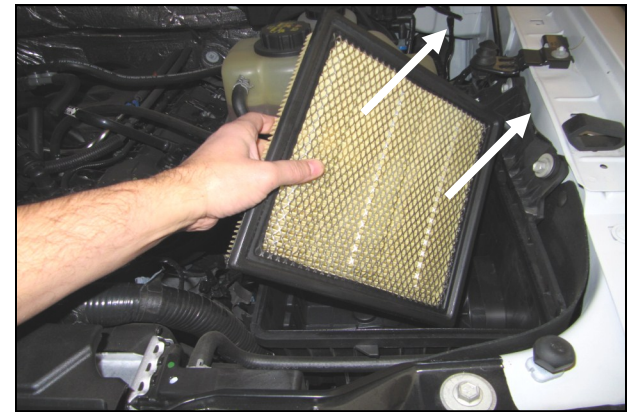
5/32" and 3/32" Allen Wrenches
5/16", Socket Ratchet and Extension
Phillips head screwdriver



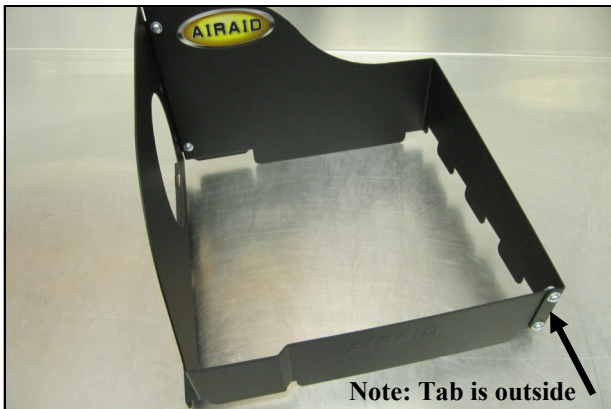
1. Disconnect the negative battery cable!
A. Disconnect the two breather lines in the factory intake tube.
B. Loosen the two intake clamps, and remove the factory intake tube.



2. A.) Disconnect the Mass Air Flow (MAF) Sensor.
B.) Unfasten the three clips on the left side of the factory airbox, and remove the upper half of the factory airbox.



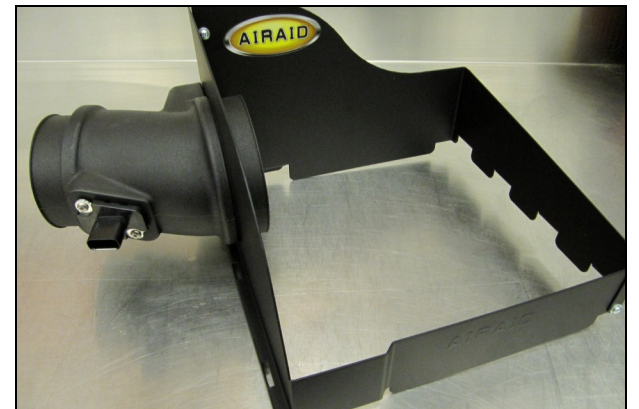
3. Remove the factory air filter from the lower half of the airbox.



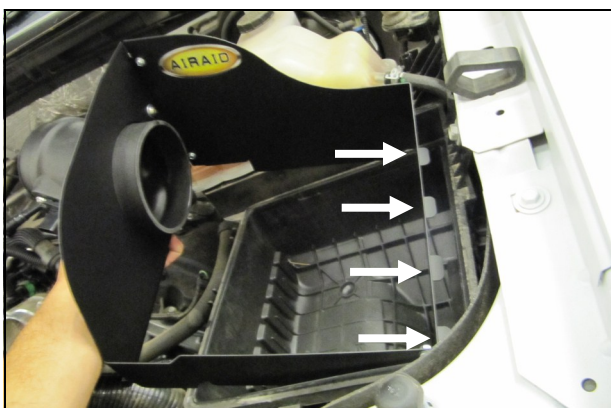
4. Assemble the two Quick Fit Panels (#4 & #5) as shown using four 6-32 screws (#12), flat washers (#13), and Kep Nuts (#14). The panel tabs are to be on the outside of the assembly.



5. Install the Air Meter Tube (#2) onto the Panel Assembly and secure using the two 1/4-20 Button Head Bolts (9), and 1/4" Flat Washers (#10).



6. Transfer the MAF sensor into the Airaid Intake Tube and secure using two 8-32 x 1/2" button head screws (#10). **Do Not Use The Factory Torx Head Screws.**



7. Install the assembly onto the lower half of the factory airbox. Slide the metal tabs into the airbox slots, and fasten the 3 airbox clips



8. A.) Insert the 5/8" Grommet (#18) into the Intake tube as shown. Complete the tube assembly by inserting the 5/8 PCV Fitting (#16) into the Grommet.
B.) Install the 3/8" Hose Fitting (#20) into the threaded hole in the Intake Tube.



9. Install the Silicone Reducer (#7) and Hose clamps onto the Airaid Intake Tube (#2). Place the #56 clamp (#15) on the Throttle body side of the reducer, and the #64 clamp (#17) on to the tube side.



10. Install the hump hose (#6) and two #60 hose clamps (#16) onto the filter Air Meter Tube as shown. Leave the two hose clamps loose for now



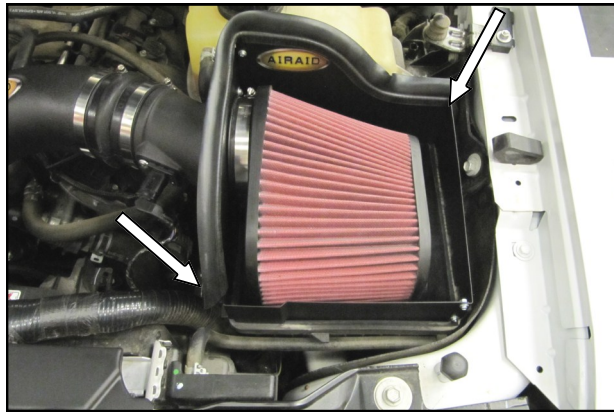
11. Install the Intake Tube onto the throttle body first, then into the Hump Hose. Tighten all of the hose clamps.



12. Reconnect the breather lines to the Airaid Intake Tube.



13. Reconnect the Mass Air Flow meter.



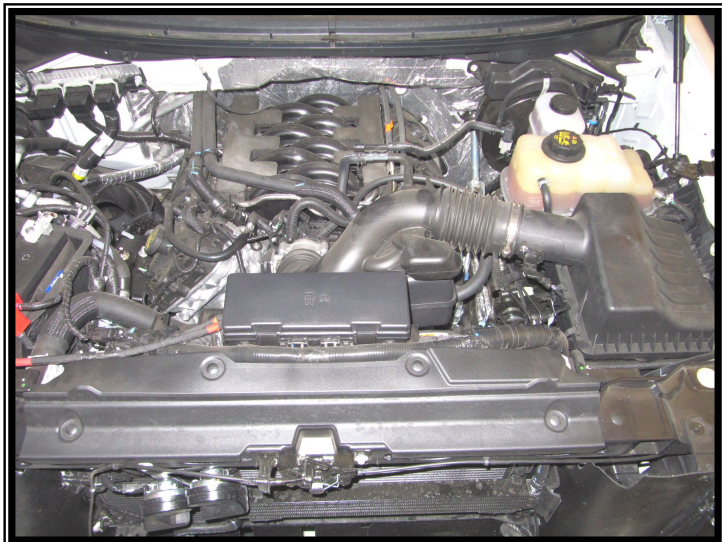
14. Install the Weather Strip (#8) onto the panel assembly with the contoured edge rolling away from the filter area. Start at the front of the vehicle and work your way back. Complete the installation by sliding the Airaid Premium Filter (#1) onto the Air Meter Tube and tightening the clamp.

15. Double check your work!

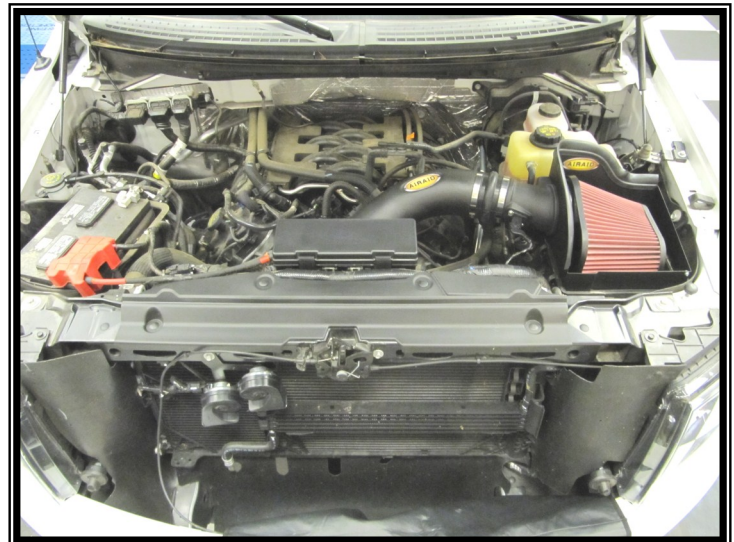
Make sure there is no foreign material in the intake path. Make sure all clamps, hoses, bolts, and screws are tight. Make sure all clamps, hoses, bolts, and screws are tight. Periodically check the tightness of all hose clamps.

16. Re-connect 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 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.

SynthaMax®

Do Not Oil



Instructions Revision
Date: 06/07/10