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Intake kit Installation Instructions: 2007.5 Ford F-150 V8-4.6L Stage 2 Cx

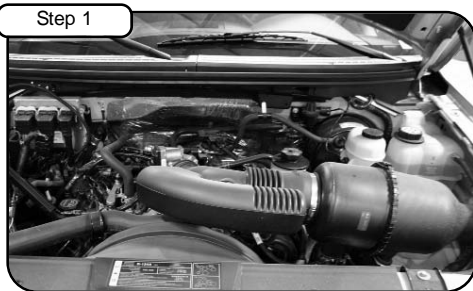
Kit P/N:	51-11402 / 54-11402		
Make:	Ford		
Model:	Year:	Engine:	
F-150	'07.5	V8-4.6L	

Tools Required:
11mm socket or wrench
10mm socket or wrench
5/16" nut driver
1/4" nut driver
Flat head screwdriver
Ratchet w/ extension
T-20 torx bit (included)

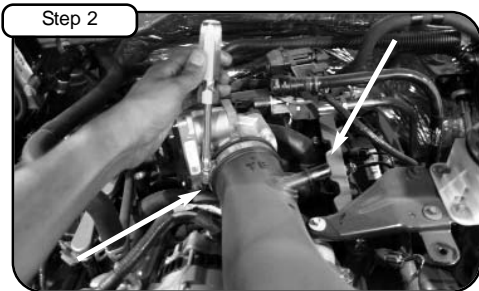
Parts list:	1 Gasket, MAF sensor
1 Air filter (P/N 24-90039 or Pro Dry S™ 21-90039)	2 Spacer, nylon 1/2" x 1/4" x 1/8"
1 Housing, wrinkle black	2 Screws, hex M4 x .7 x16
1 Tube	4 Screws, hex M6 x 1 x 20
1 Adapter, MAF	4 Washers, wavy M6
1 Gasket, MAF adapter	1 Washer, flat
1 Coupler, straight 3-1/4" x 2"L	1 Screw, hex M6 x 1 x 12
1 Coupler, hump 3-1/2" x 3"L	2 Spacer, plastic black
1 3/4" trim seal @ 18.5"L	2 Screw, hex 1/4"-20 x 1.25
1 5/8" hose @ 21"L	2 Locknut, hex 1/4"-20
2 Clamp, #060	2 Washer, fender 1/4" x 7/8"OD
2 Clamp, #052	1 Torx bit, T-20
2 Clamp, mini #008	1 Adapter, injection molded 6"



Complete Kit w/ Parts



Complete Stock Intake.



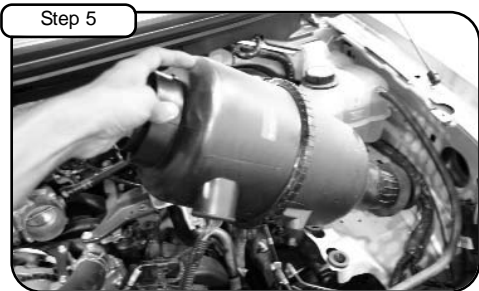
With 5/16" nut driver loosen clamp at throttle body. Disconnect and remove OE crank case line.



Loosen the clamp at air box side and remove OE intake tube.



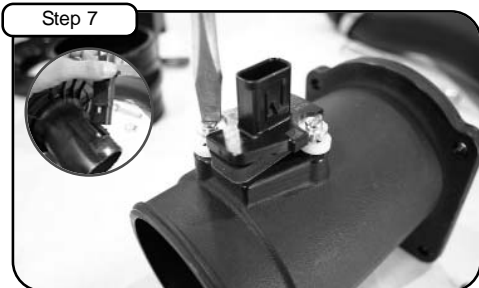
Disconnect bottom MAF sensor harness under air box bracket.



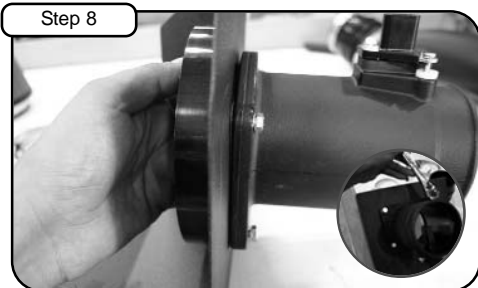
Lift up and remove OE air box out of vehicle.



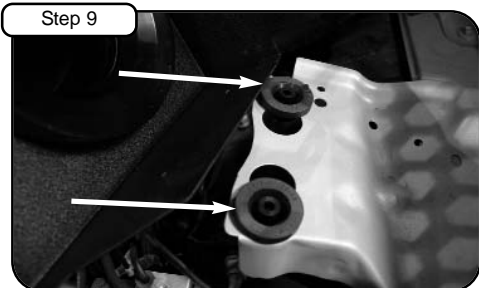
Disconnect band clamp and with flat head screwdriver, disconnect other end of MAF harness. Carefully pull out OE MAF sensor tube.



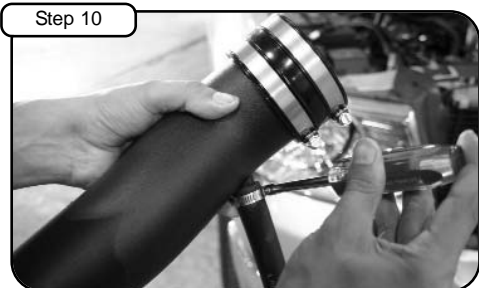
With T-20 torx bit remove MAF sensor and (with gasket, nylon spacers and screws provided) install into new tube. Make sure gasket and nylon spacers are between sensor and tube.



Install 6" adapter inside of housing. With gasket provided between outside of housing and MAF tube adapter install hex screws w/ wavy washers provided. Tighten using 10mm socket or wrench.



With black plastic spacer, place inside of OE air box bracket. Install housing with 1/4"-20 screw, nut and washers provided.



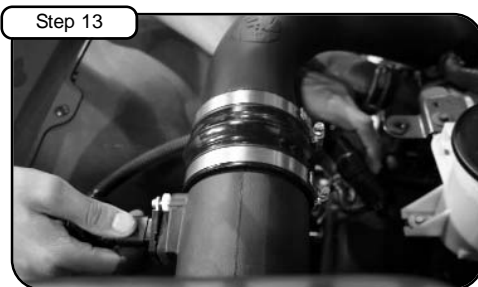
Place 5/8" hose to new tube with mini clamp provided and tighten using 1/4" nut driver. Install couplers with clamps provided to new tube.



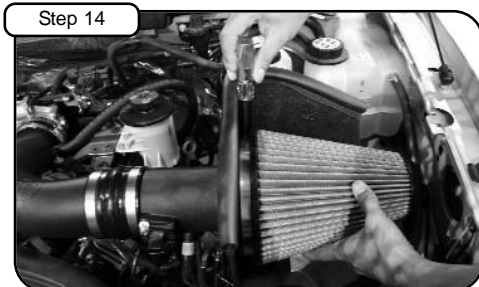
Install new tube to throttle body and intake housing. Tighten clamps with 5/16" nut driver. Finish install on crank case line with mini clamp and tighten.



Tighten housing using 11mm socket or wrench. Install 3/4" trim seal to housing.



Reconnect both ends of MAF sensor harness.



Install air filter and tighten using 5/16" nut driver.



Your installation is now complete. Please check all bolts and clamps periodically. Re-tighten if necessary. Thank you for choosing aFe!

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil)
 Filter Replacement: Magnum FLOW PN: 24-90039 (black w/blue media) or Pro Dry S™ P/N 21-90039 (black w/white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074