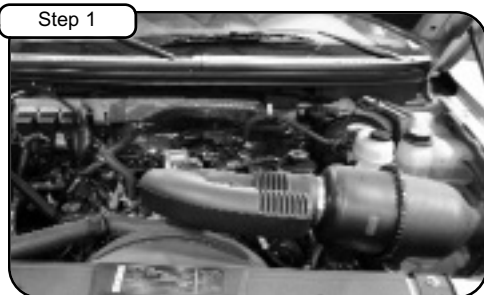


# Intake kit Installation Instructions: Ford F-150 07.5-08 V8-4.6L

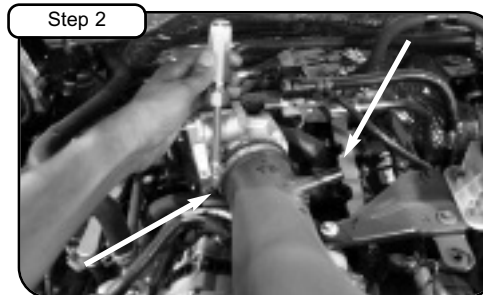


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<b>Kit P/N:</b> 51/54-11402	<b>Tools Required:</b> 11mm socket or wrench 10mm socket or wrench 5/16" nut driver 1/4" nut driver Flat head screwdriver Ratchet w/ extension T-20 torx bit (included)	<b>Parts list:</b> 1 Air filter ( P/N 24-90039 or <i>Pro Dry 5™</i> 21-90039 ) 1 Housing, wrinkle black 1 Tube 1 Adapter, MAF 1 Gasket, MAF adapter 1 Coupler, straight 3-1/4" x 2"L 1 Coupler, hump 3-1/2" x 3"L 1 3/4" trim seal @ 18.5"L 1 5/8" hose @ 21"L 2 Clamp, #060 2 Clamp, #052 2 Clamp, mini #008	1 Gasket, MAF sensor 2 Spacer, nylon 1/2" x 1/4" x 1/8" 2 Screws, hex M4 x .7 x16 4 Screws, hex M6 x 1 x 20 4 Washers, wavy M6 1 Washer, flat 1 Screw, hex M6 x 1 x 12 2 Spacer, plastic black 2 Screw, hex 1/4"-20 x 1.25 2 Locknut, hex 1/4"-20 2 Washer, fender 1/4" x 7/8"OD 1 Torx bit, T-20 1 Adapter, injection molded 6"
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Step 1  
Complete Stock Intake.



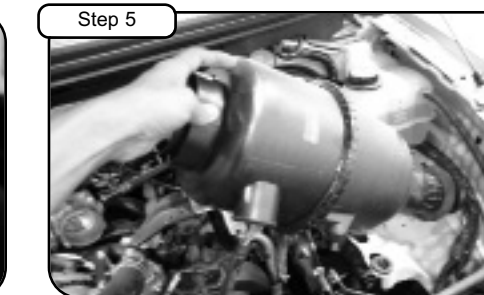
Step 2  
With 5/16" nut driver loosen clamp at throttle body. Disconnect and remove OE crank case line.



Step 3  
Loosen the clamp at air box side and remove OE intake tube.



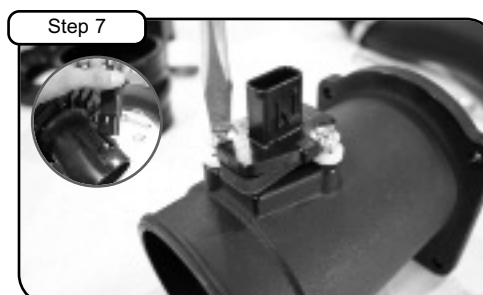
Step 4  
Disconnect bottom MAF sensor harness under air box bracket.



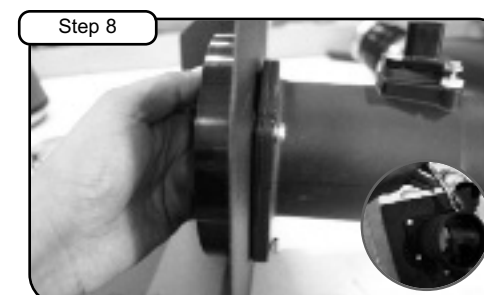
Step 5  
Lift up and remove OE air box out of vehicle.



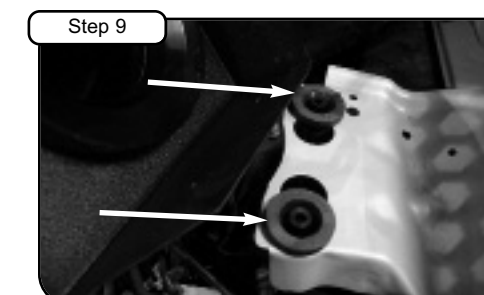
Step 6  
Disconnect band clamp and with flat head screwdriver, disconnect other end of MAF harness. Carefully pull out OE MAF sensor tube.



Step 7  
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.



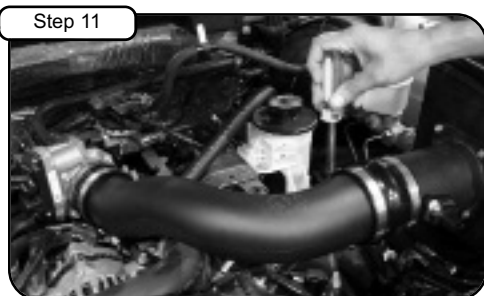
Step 8  
Install 6" adapter inside of housing. With gasket provided between outside of housing and MAF tube adapter install hex screws w/ wavy washers provided. Tighten using 10mm socket or wrench.



Step 9  
With black plastic spacer, place inside of OE air box grommets. Install housing with 1/4"-20 screw, nut and washers provided.



Step 10  
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.



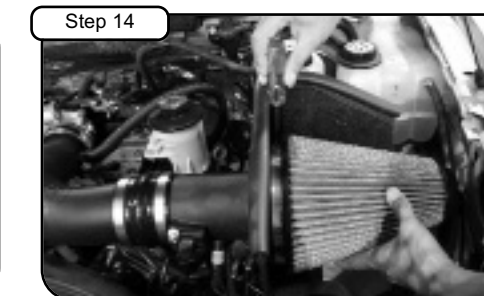
Step 11  
Install new tube to throttle body and intake housing. Tighten clamps with 5/16" nut driver. Finish install on crank case line with mini clamp and tighten.



Step 12  
Tighten housing using 11mm socket or wrench. Install 3/4" trim seal to housing.



Step 13  
Reconnect both ends of MAF sensor harness.



Step 14  
Install air filter and tighten using 5/16" nut driver.



Step 15  
Place enclosed CARB EO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing the Smog Check Inspection. 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 5™* P/N 21-90039 (black w/white media) *Pro Dry 5™* cleaning: see cleaning instruction sheet 06-00074