



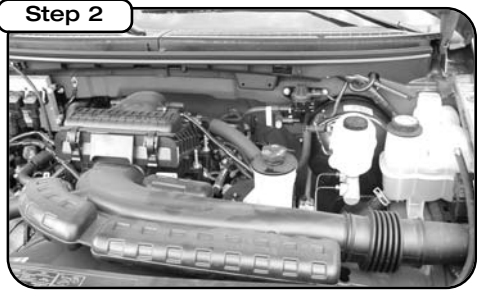
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Intake Kit Installation Instructions: 2004-2005 Ford F-150 5.4L V8

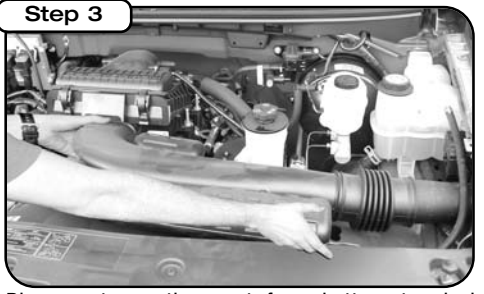
Kit Part #	54-10512	Tools Required	Part List:	2- 8-32 x 5/8" screws
	51-10512 Pro Dry S	8mm socket	1- Air filter P/N (24-90008 or Pro Dry S P/N 21-90008)	2- M6 Wavy washers
Make:	Ford	5/16" nut driver	1- Air filter Housing	4- Clamps #064
Model:	F-150	10mm socket	1- Intake tube rotomolded	2- Nylon spacers 1/8"
Engine:	V-8 5.4L	Flathead screwdriver	1- Intake tube support mount	1- Coupler (4" x 3")
Year:	2004-2006	Ratchet and extension	1- Housing support tab	1- Coupler (3.5" x 4.0")
		T-20 Torx Bit	1- MAS sensor gasket	1- Hose, Vent (5/16" x 17")
			4- M6 Button head screws	35"- Trim seal 3/4" bulb
Note: Please confirm Parts List and read all instructions steps before proceeding with actual installation.			5- M6 x 12 hex head screws	1- M6 nut
			9- M6 washers	



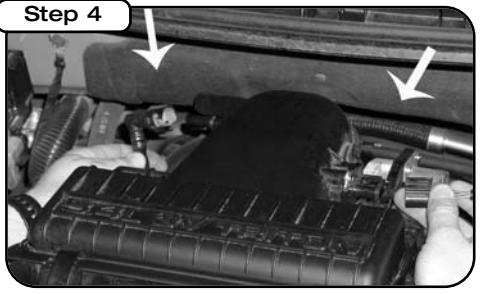
Complete kit with parts.



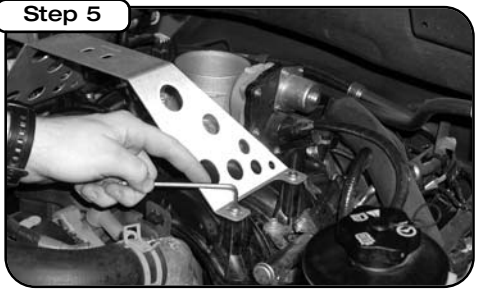
Complete stock intake.



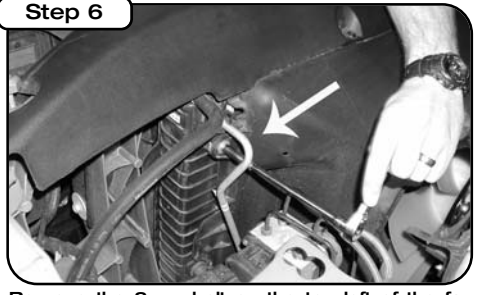
Disconnect negative post from battery terminal. Remove intake air duct by grabbing firmly from both sides and pulling straight back and out.



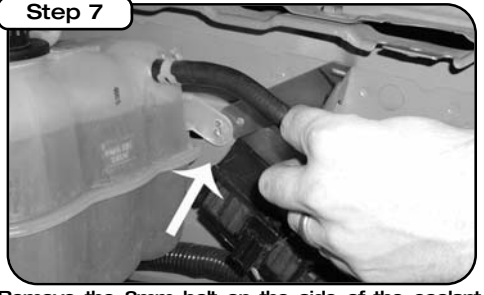
Disconnect the MAF sensor and breather tube on the sides of the airbox. Remove the 4 10mm screws holding the airbox to the intake manifold and remove intake box.



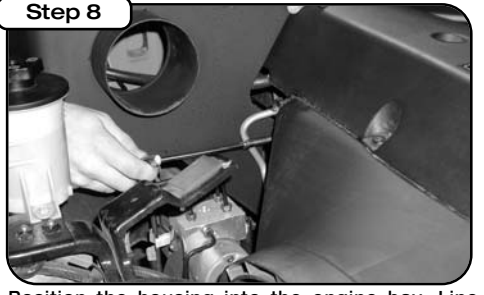
Install the intake tube support bracket to the intake manifold and fasten with the supplied M6 button head screws and washers.



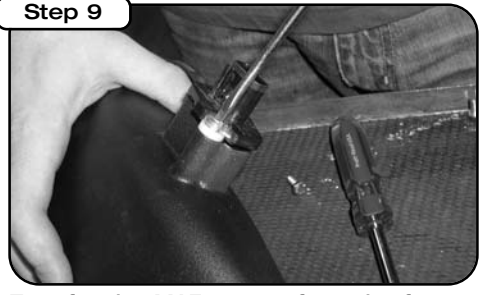
Remove the 8mm bolt on the top left of the fan shroud.



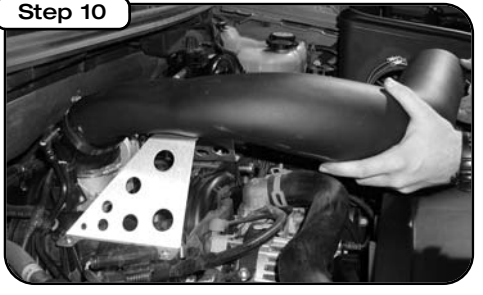
Remove the 8mm bolt on the side of the coolant reservoir. Sandwich the housing support bracket between the coolant reservoir tab and the fenderwell. Reinstall the 8mm bolt.



Position the housing into the engine bay. Line up the mounting holes with the rear support bracket and the radiator shroud and tighten all the nuts and bolts using the supplied hardware.



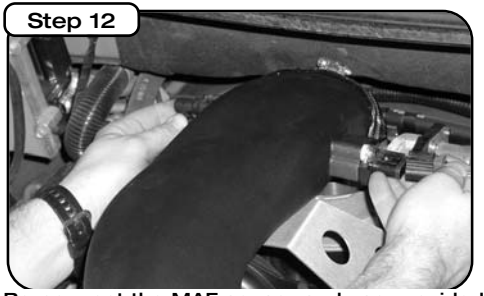
Transfer the MAF sensor from the factory airbox to the new intake tube. Make sure you use the provided spacer and gasket.



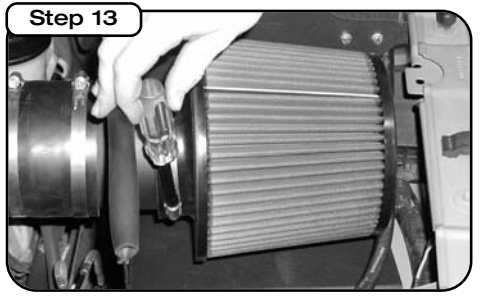
Place urethane coupler on the throttle body (see diagram below for correct coupler position) and the housing. Position intake duct into engine bay and tighten down the clamps.



Line up the mounting holes on the intake duct and tighten assembly with the provided screws and washers.



Re-connect the MAF sensor and use provided 1/2" breather hose to connect the intake duct to the crankcase breather on the engine valve cover.



Install the pre-oiled filter in the housing and tighten down clamp. DO-NOT use any oil or grease. Install the housing trim seal on the sides of the panel by starting at one corner and working your way around the edge of the housing.



Your installation is now complete. Check after a few hours of operation all hoses and clamps are tight and that all electrical components are secure. Close hood slowly to verify hood clearance.



THROTTLE BODY

Position coupler and clamps over throttle body (3.5" x 4.0") (clamps removed for clarification). The smaller (3.5") end of the coupler goes over the throttle body. The (4") end of the coupler goes around the intake tube.

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 or aFe P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil), on Filter Replacement: Magnum FLOW PN: 24-90008 (black w/blue media), Pro Dry S P/N 21-90008 (black w/ white media) Pro Dry S cleaning: see cleaning instruction sheet 06-00074