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Intake Kit Installation Instructions: 2004-2008 Ford F-150/Lincoln Mark LT 5.4L V8 Stage-2

Kit P/N: 51/54-10512 54-10514		Tools Required: 8mm Socket 5/16" Nut Driver 10mm Socket Flathead Screwdriver Ratchet and Extension T-20 Torx Bit		Part List: 1 Air Filter (Pro-5R™ P/N: 24-90008 or Pro Dry S™ P/N: 21-90008) 1 Housing, Intake 1 Tube, Intake 1 Tube Support Mount, Intake 1 Housing Support Tab 1 MAS Sensor Gasket 4 Button Hd. Screws, M6x1x10 5 Hex Hd. Screws, M6x1x12 9 Flat Washers, M6 2 Phillip Hd. Screws, 8-32x5/8 2 Nylon Spacers 4 Clamp, #064 1 Coupling, Straight (05-00441) 1 Coupling, Elbow (05-00464) 1 Trim Seal, 3/4" @ 35"L 1 Fuel Hose, 5/16" @17"L 2 Wavy Washers, M6 1 Hex Nut, M6X1		Bonus List: (54-10514 Only) 1 Air Filter 1 Pre-Filter 1 Restore Kit	
Make:	Model:	Years:	Engine:				
FORD	F-150	'04-'08	V8-5.4L				
Lincoln	Mark LT	'06-'08	V8-5.4L				



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 nylon spacers and MAS gasket.



Place coupler (05-00464) 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.



Place enclosed CARB EO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing a smog check inspection. Your installation is now complete.



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.