Intake Kit Installation Instructions: '99-'05 GM Trucks/Suburban/Tahoe/Yukon/Denali/Escalade/Avalanche V8-4.8L, 5.3L, 6.0L & 8.1L*

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Kit Part # 51/54-10091 / 51/54-10092
Make: Chevrolet/GMC/Cadillac

Model	Year	Engine	Model	Year	Engine
Silverado/Sierra 1500	'99-'05	V8-4.8L/5.3L	Avalanche 1500/2500	'02-'05	V8-5.3L/8.1L*
Silverado/Sierra 1500 HD	'01-'05	V8-6.0L	Yukon Denali	'01-'05	V8-6.0L
Silverado/Sierra 2500	'99-'00	V8-5.3L/6.0L	Sierra Denali	'02-'05	V8-6.0L
Silverado HD/Sierra HD 2500	'01-'05	V8-6.0L/8.1L*	C3 HD Chassis Cab	'01-'02	V8-8.1L*
Silverado/Sierra 3500	'01-'05	V8-6.0L/8.1L*	Escalade	'02-'04	V8-5.3L/6.0L
Tahoe/Yukon 1500	'00-'05	V8-4.8L/5.3L	Escalade	2005	V8-6.0L
Suburban/Yukon XL 2500/3500	'00-'05	V8-5.3L/6.0L/8.1L*	Escalade Ext	'02-'05	V8-6.0L
			Escalade ESV	'03-'05	V8-6.0L

** Stage 2 PN 54-10092 will not fit in vehicles with the V8-8.1L engines.*

Tools Required:
5/16" nut driver or slotted screwdriver
10mm socket or wrench
Ratchet and extension

Note: Please confirm Parts List and read all instruction steps before proceeding with actual installation.

Part List: *Stage1*

1	Air filter (replacement # 24-90015 or **Pro Dry S**™ #21-90015)
1	Intake housing
1	Air filter adapter
1	Coupler reducer 4x3
1	Clamp #072
1	Clamp #064
5	Screw button head M6 x1x10
5	Washer wavy M6
1	Trim seal 3/4" bulb (27")

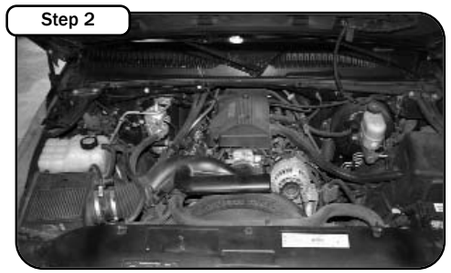
Additional Parts List: *Stage2*

1	Air filter (replacement # 24-91007 or **Pro Dry S**™ # 21-90015)
2	Clamp #060
2	Clamp #064
1	Intake Tube
1	Coupler Straight Hump 3-1/2"
1	Coupler Straight 4"

Step 1

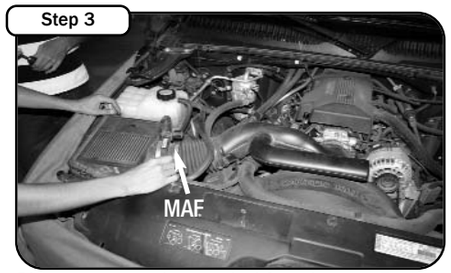
Complete kit . Stage 2 shown.Stage 1 kit does not include tube,4 clamps and 2 couplers. Make sure you have all parts prior to installing kit.

Step 2



Complete stock intake.

Step 3



Disconnect negative terminal from battery. Remove the four Phillips screws securing the top of the air box. Disconnect the MAF sensor.

Step 4

Loosen the hose clamp connecting the MAF sensor to the air box. Remove upper portion of the air box and MAF sensor. Carefully set to the side for later use.

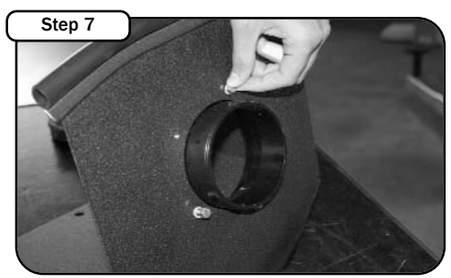
Step 5

Grab the lower portion of the air box. lift up and out. The box is secured with rubber gromets.

Step 6

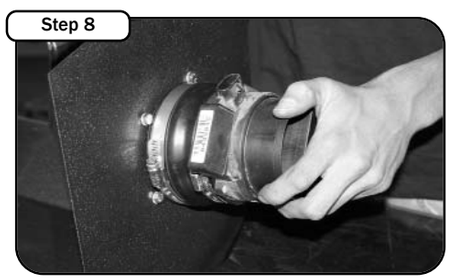
Remove the four 10mm bolts that secure the airbox base to the chassis. Save bolts for later use. Remove air box tray out of vehicle.

Step 7



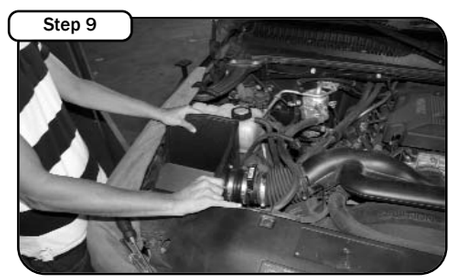
Place the air filter adapter inside the housing. Secure the adapter with the secured bolts and washers.

Step 8



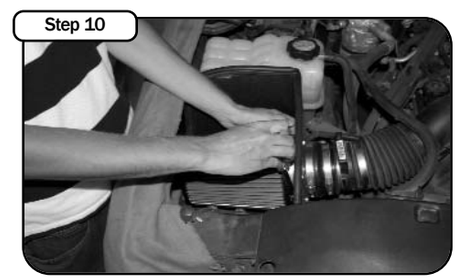
Slide the MAF sensor, clamps, and reducer coupler on the air filter adapter. Do not tighten the clamps at this time.

Step 9



Place the rubber trim seal along edges of the housing..Bolt the housing to the engine bay using the factor bolts removed in step 6.If installing stage 1 kit reconnect factory tube to MAF sensor.

Step 10

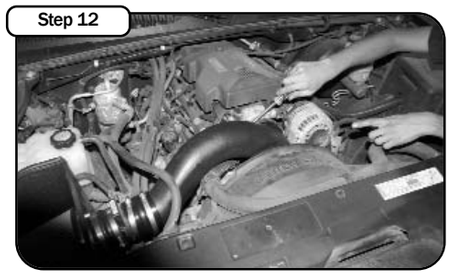


Install intake filter into housing. Re-connect the MAF sensor Complete stage 1 system installed.Your installation is now complete .Make sure you tighten all clamps and check all electrical connections.Re check periodically. Continue onto steps 11-13 to install stage 2.

Step 11

Remove the factory intake tube out of the engine bay. On some models these is a plastic tab that secures the tube to the wiring harness.

Step 12



Place straight coupler on throttle body and the hump hose on the MAF sensor. Install intake tube.Tighten and secure all hose clamps.Rotate fan to make sure there is sufficient clearance between the intake tube and the fan.

Step 13

Place enclosed CARB EO sticker on a clean/smooth surface on or near the intake system. EO identification label is required in passing the Smog Check inspection. Make sure all hoses and clamps are tight and that all electrical components are secure.

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).
Filter Replacement: Magnum FLOW PN: 24-90015 (black w/blue media or 72-90015 **Pro-GUARD 7** black w/yellow media). **Pro Dry S**™ P/N: 21-90015 (black w/white media) **Pro Dry S**™ *cleaning: see cleaning instruction sheet 06-00074.*

06-80038