Intake Kit Installation Instructions: '98-'05 Ford Explorer/Ranger / Mercury Mountaineer / Mazda Pickup V6-4.0L/3.0L/2.5L Stage-1

Kit Part # Make:	51/54-10001 Ford	
Model Ranger	Year '98-'03	Engine L4-2.5L
Ranger Explorer sport	'98-'03 '00-'05	V6-3.0L V6-4.0L
Explorer Explorer Sport Trac	'98-'01 '00-'05	V6-4.0L V6-4.0L
Ranger	'98-'03	V6-4.0L
Make: Model	Mercury Year	Engine
Mountanier	'98-'01	V6-4.0L
Make: Model	Mazda Year	Engine
Pickup Pickup	'98-'03 '98-'03	L4-2.5L V6-3.0L
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Tools Required:
8mm socket
10mm socket or wrench
5/16" nut driver
Flathead screwdriver
Ratchet and extension

Part List:	
1 Air filter part P5R™ #24-60505 or PDS™	
#21-60505	
1 Billet air filter adapter	
1 Air filter support bracket	
5 M6 x 1 x 16 Screws	
1 M6 nut	
5 M6 lock washers	



P.O. Box 1719 Corona, CA 92878 Support: 951-493-7100 www.aFefilters.com

Complete kit with parts. Please confirm Parts List and read all instructions steps before proceeding with actual installation.



Complete stock intake.



Disconnect negative post from battery terminal. Loosen the hose clamp on the intake duct. Disconnect the MAF sensor by pushing down on the clip and pulling out.



Depress the two mounting tabs located on the side of the airbox.Lift the top half of the airbox out and remove...



Lift up and remove bottom half of air box.



Remove MAF sensor from the upper portion of the airbox by removing the four 10mm screws.



Mount the MAf sensor to the billet adapter using the four supplied M6 screws and washers.



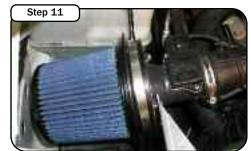
Mount the air filter support bracket on the inside of the radiator core support. There is existing screw that support the wiring harness and a open hole next to it. Use the factory screw and the supplied Moscrew and nut.(If your truck does not have this extra hole you will need to drill a 1/4" hole in this location



Position the intake assembly on to the support bracket and mount the assembly with the M6 screws.



Reconnect the MAf sensor and tighten down the hose clamp.



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.



Make sure all hoses and clamps are tight and that all electrical components are secure. Re-check after a few hours of operation. Place the included CARB EO Sticker on or near the device on a smooth, clean surface. E.O. identification label is required in passing the Smoot Check Inspection.