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

Kit Part # 51/54-10001	Tools Required:	Part List:
Make: Ford	8mm socket	1 Air filter part P5R™ #24-60505 or PDS™ #21-60505
Model: Ranger	10mm socket or wrench	1 Billet air filter adapter
Year: '98-'03	5/16" nut driver	1 Air filter support bracket
Engine: V6-3.0L	Flathead screwdriver	5 M6 x 1 x 20 Screws
Explorer Sport '00-'03	Ratchet and extension	1 M6 nut
Explorer '98-'01		5 M6 Wavy washers
Explorer Sport Trac '00-'03		
Ranger '98-'03		
Make: Mercury		
Model: Mountanier		
Year: '98-'01		
Engine: V6-4.0L		
Make: Mazda		
Model: Pickup		
Year: '98-'03		
Engine: L4-2.5L		
Pickup '98-'03		
Engine: V6-3.0L		



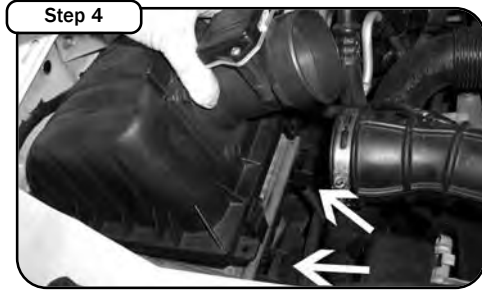
Step 1
 Complete kit with parts. Please confirm Parts List and read all instructions steps before proceeding with actual installation.



Step 2
 Complete stock intake.



Step 3
 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.



Step 4
 Depress the two mounting tabs located on the side of the airbox. Lift the top half of the airbox out and remove.



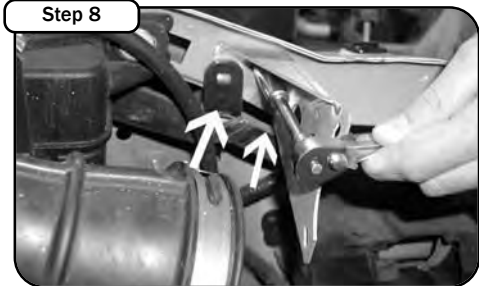
Step 5
 Lift up and remove bottom half of air box.



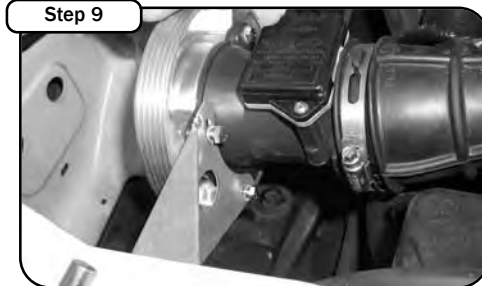
Step 6
 Remove MAF sensor from the upper portion of the airbox by removing the four 10mm screws.



Step 7
 Mount the Maf sensor to the billet adapter using the four supplied M6 screws and washers.



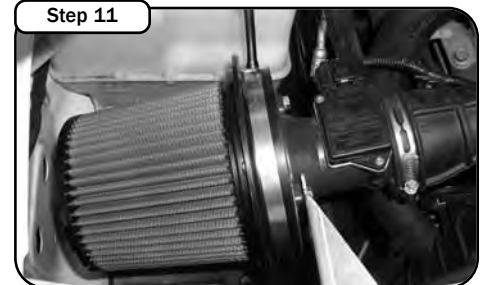
Step 8
 Mount the air filter support bracket on the inside of the radiator core support. There is existing screw that support the wiring harness and a open hole next to it. Use the factory screw and the supplied M6 screw and nut. (If your truck does not have this extra hole you will need to drill a 1/4" hole in this location)



Step 9
 Position the intake assembly on to the support bracket and mount the assembly with the M6 screws.



Step 10
 Reconnect the Maf sensor and tighten down the hose clamp.



Step 11
 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.



Step 12
 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 intake system on a smooth, clean surface. E.O. identification label is required in passing the Smog Check inspection.

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe "Restore Kit" aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil on Filter Replacement: PN: 24-60505 (black w/blue media). **Pro Dry S™** P/N: 21-60505 (black w/white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074.