



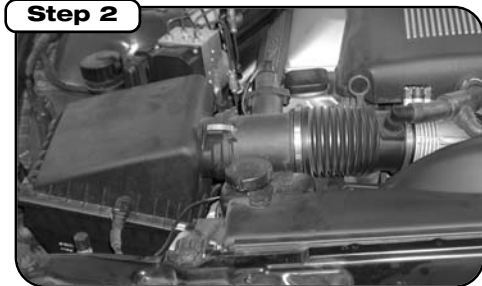
P.O. Box 1719  
 Corona, CA 92878  
 Support: 951-493-7100  
 www.aFeFilters.com

# Intake Kit Installation Instructions: '97-'03 BMW E39 540i V8-4.4L

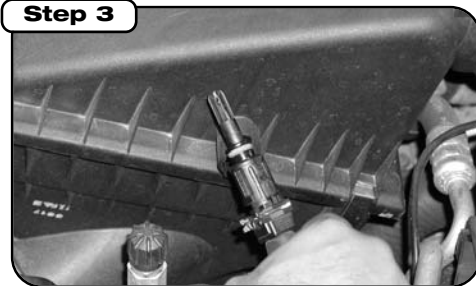
<b>Kit Part #</b>	51/54-10471	<b>Tools Required:</b>	<b>Part List:</b>	1 Rubber grommet
<b>Make:</b>	BMW	5/16" socket, nut-driver	1 Filter part # 24-91007 (Replacement Filter) or <b>Pro Dry S™</b> 21-90015	1 Rubber coupler
<b>Model</b>	<b>Year</b>	<b>Engine</b>	1 M6 x 1 x 12mm hex head screw	1 #64 clamp
540i	'97-'03	V8-4.4L	1 M6 lock washer	1 #72 clamp
			1 M6 washer	
			5 M6 x 1 x 12mm button head	
			1 Billet adapter	
			1 Filter shield	



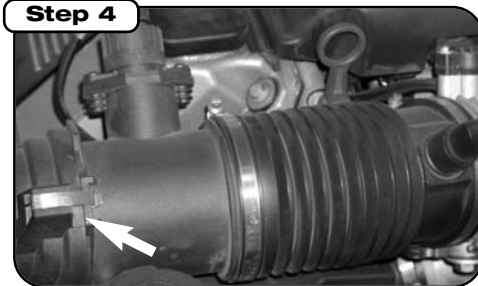
Complete kit with parts.



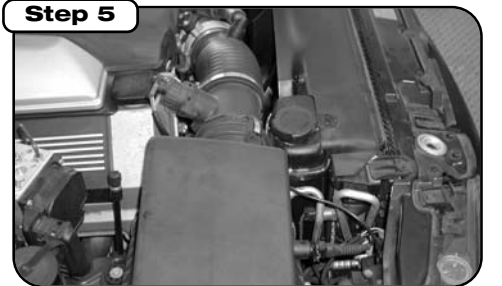
Complete stock intake.



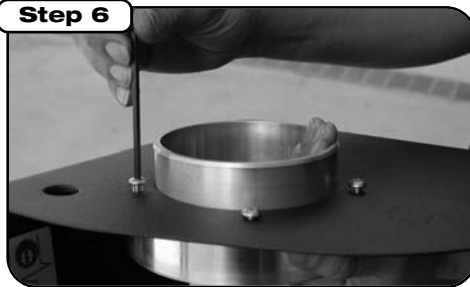
Remove temperature sensor from stock air box



Remove 2 spring clips that connect the mass flow sensor to the stock air box.



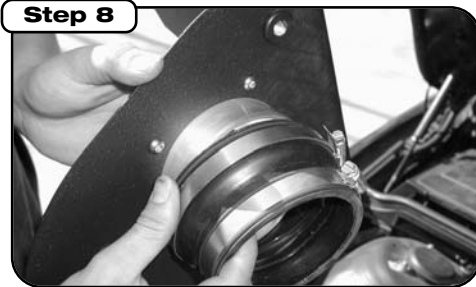
Remove bolt with 10mm socket or wrench and remove air box from engine.



Assemble billet adapter to shield using 5 button head screws.



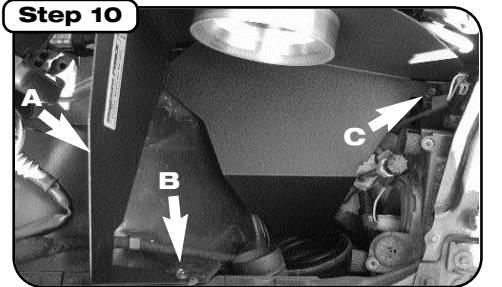
Insert rubber grommet.



Slip on rubber adapter ( do not tighten).



Install shield into vehicle.



A- Use provided 6mm screw, washer and lock washer (10mm) B Use factory nut (10mm) C Use factory screw (8mm )



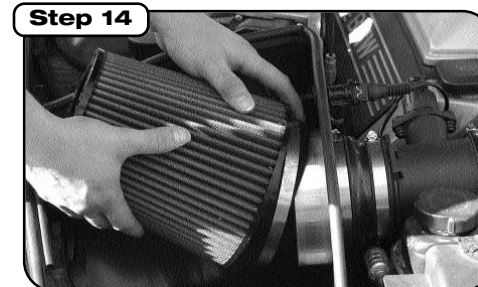
Tighten down 2 clamps that are used on the rubber adapter.



Install temperature sensor.



Install trim seal.



Install filter.



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). Filter Replacement: PN: 24-91007 (black w/blue media). **Pro Dry S™** P/N: 21-90015 (black w/white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074.