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# Intake Kit Installation Instructions: 1999-2003 BMW M5 (E39)

<b>Kit Part #</b>	54-10852	<b>Tools Required</b>	<b>Part List:</b>	<b>8 Clamps #52</b>
<b>Make:</b>	BMW	Slotted Screwdriver	2 Air filter (24-40505)	
<b>Model:</b>		6mm Allen wrench	8 M6x1 button head screws	
<b>Year:</b>		5/16 Nut driver	1 Intake tube	
<b>Engine:</b>			2 Housings	
<b>M5 (E39)</b>	<b>1999-2003</b>		2 Housing covers	
	<b>V8 5.0L</b>		2 Reducer couplers	
			2 Straight couplers	
			2 Clamps #64	



Complete Intake System



Complete Stock Intake



Unplug both Mass air sensor plugs from sensors.



Remove clips from the mass air sensor and the air boxes and remove top half of air boxes and filters.



Remove both mass air sensors from the factory tubes using slotted screwdriver. Set aside for later use. Be sure to install sensors back to original side they were removed from.



Remove both factory intake tubes from throttle body using a slotted screwdriver.



Using the 2 straight couplers provided in the kit install the high flow aFe intake tube.



Install mass air sensors into the tube by pressing the sensor onto the tube. Tighten down provided #52 clamps.



Install both air boxes using reducer couplers. Attach factory clips to secure to the air box and tighten clamps at coupler.



Install 2 provided High Flow aFe filters and tighten clamps.



Using provided button head screws install covers with the aFe logo facing the front of the vehicle.



Re-connect both mass air sensor plugs.



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. Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re check periodically.

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: Magnum FLOW PN: 24-40505 (black w/blue media).