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# Intake Kit Installation Instructions: 2005-2006 Mini Cooper 1.6L 4cyl.

Kit Part #	51/54-11151	Tools Required	Part List:
Make:	Mini	5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-90031) or <b>Pro Dry S™</b> 21-90031
Model:	Cooper	10mm socket or wrench	1 Intake Housing
Engine:	1.6L L4	Ratchet and extension	1 Mini Clamp #40
Year:	2005-2006	Flat head or slotted screwdriver	1 Trim seal (24")
		Needle nose pliers	



Complete intake system.



Stock intake system.



Remove the hose clamp connecting the air duct to the air box. Use a screwdriver to remove the clamp.



Loosen the two 10mm bolts that secure the air box on the right hand side of the engine bay. Set the bolts to the side you will be reusing these later.



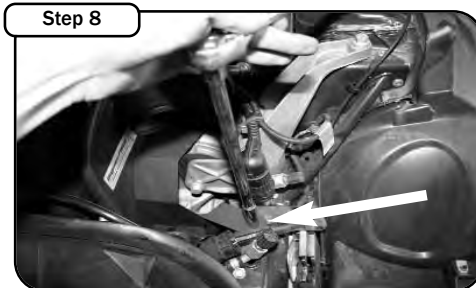
Remove the 10mm bolt that is located in the back of the air box securing the battery tray in place. Set the bolt to the side for later use.



Remove the factory air box by grabbing the air box by the sides and lift up and out.



Place the trim seal along the edge of the housing. Position the new housing into the engine bay.



Re install one of the air box bolts removed in step 4.



With 10mm socket w/ extension, Re install the rear air box bolt removed in step 5.



Place the new #044 clamp on the intake duct and tighten assembly to the housing inlet.



Install the new air filter into the housing secure the filter with the provided clamp. The air filter is pre oiled from the factory **Do not use any grease or oil.**



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 or aFe P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil).  
 Filter Replacement: Magnum FLOW PN: 24-90031 (black w/ blue media). **Pro Dry S™** P/N: 21-90031 (black w/ white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074