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Kit Part #	54-10681
Make:	BMW
Model:	X5
Engine:	V8 4.4L/4.8L
Year:	2001-2006
Note: Please confirm Parts List and read all instructions steps before proceeding with actual installation.	

Intake Kit Installation Instructions: 2001-2005 BMW X5 V8.

Tools Required	10mm socket 5/16" nut driver 1/4" nut driver 5/8" wrench or socket Flathead screwdriver Ratchet and extension
Part List:	1 Air filter part #24-91031 1 Housing 1 Billet adaptor 5.5" OD 1 Coupling reducer 4"x3"-3/4" 1 Clamp #064 (2.5-4.5) 1 Clamp #072 (3-5") 3 Screw M6x1x12 5 Screw button head M6x1x12 4 Washer Flat M6



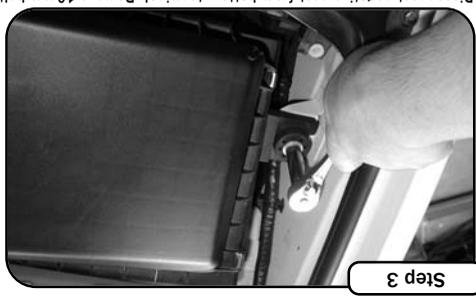
Step 1

Complete kit with parts.



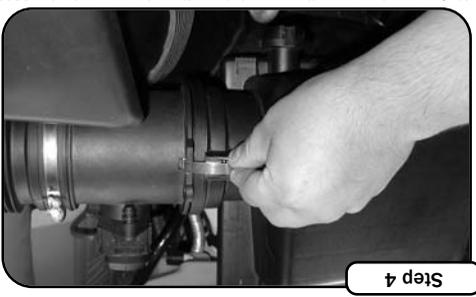
Step 2

Complete stock intake.



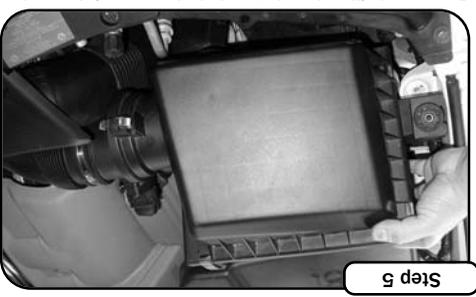
Step 3

Disconnect negative post from battery terminal. Remove 10mm bolt securing the airbox to the inner fender well.



Step 4

Unfasten the two silver retaining clips that attach the MAF sensor to the Airbox. Loosen the hose clamps securing the MAF sensor and remove out of the way.



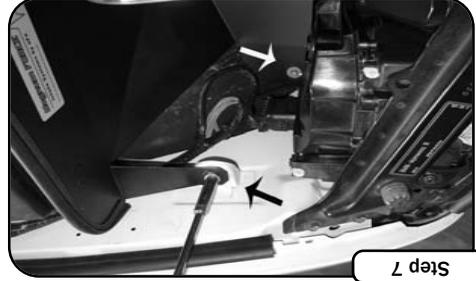
Step 5

Remove air filter housing and air duct out of the engine bay.



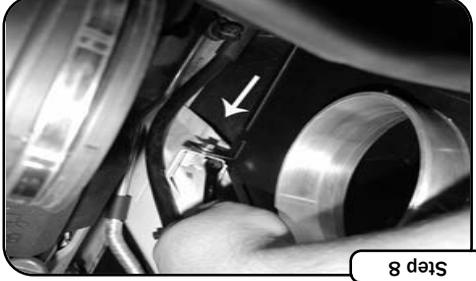
Step 6

Assemble the new air filter housing by mounting the billet air filter adaptor and securing the adaptor with the 5 button head screws.



Step 7

Install trim seal along edge of housing and lower housing into the engine bay. Reinstall the 5/16" bolt back into the headlight bracket and install the M6 bolt and washer into the factory airbox bracket location.



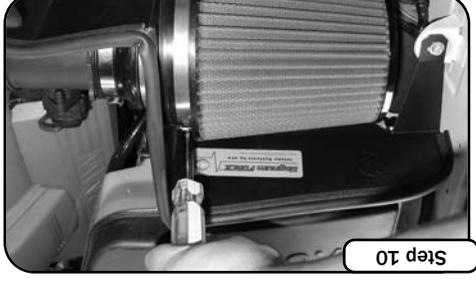
Step 8

Line up the mounting tab to the airbox support brackets. Install the M6 bolt and washers and tighten down.



Step 9

Slide the urethane coupler and hose clamps over the billet adaptor and reinstall the MAF sensor, tighten down all the clamps.



Step 10

Install the pre-oiled filter in the housing and tighten down clamp. DO-NOT use any oil or grease.



Step 11

Your installation is now complete. Make sure all hoses and clamps are tight and that all electrical components are secure. Check and retighten connections and filter after a few hours of operation. Close hood slowly to verify hood clearance.

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 on Filter Replacement: PN: 24-91031 (black w/blue media)