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## Intake Kit Installation Instructions: Scion xB 2004-2006 L4-1.5L

<b>Kit Part #</b>	51/54-10842	<b>Tools Required:</b>	<b>Part List:</b>	2 Nylon spacer
<b>Make:</b>	Scion	5/16" nut driver	1 Air filter (P/N#24-30003) or <b>Pro Dry S™</b> 21-30003	1 Coupler hump 3" x 3"
<b>Model</b>	<b>Year</b>	1/4" nut driver	1 Housing powder coat black wrinkle	2 Clamps #032
xB	04-06	10 mm socket or wrench	1 Intake tube rotomolded	2 Clamps #048
	<b>Engine</b>	Flathead screwdriver	1 Coupling straight 2 1/4" D x 2 1/2" L	2 Clamps #008
	L4-1.5L	Phillips screwdriver	1 Screw M6 x1x12	1 Mass air sensor gasket
		Ratchet and extension	1 M6 flat washer	5/8" hose @ 16" L
			2 Screw M4 x .7x16	7/16" trim seal @ 37" L



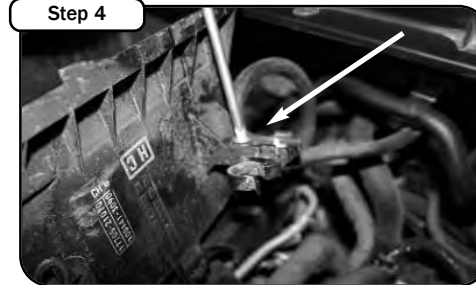
Complete kit components



Complete stock intake.



Disconnect MAF sensor. Remove vacuum lines away from upper half of airbox. Disconnect the factory clips holding the airbox in place.



With 10mm or phillips screw driver, loosen OE intake tube. Pull crank case line away from intake tube. Turn upper half of air box over and loosen vacuum valve with phillips screw driver.



Loosen the 3 10mm bolts with socket and extension holding the lower part of air box. Also, remove the 10mm bolt holding the OE snorkel next to battery.



With 10mm socket, loosen the 4 nuts holding the engine cover and remove. Replace the crankcase line with the 5/8" hose provided and mini clamps. Tighten using 1/4" nut driver. Re-install engine cover.



First, loosen 10mm bolt located under radiator support on left hand side of vehicle and remove. Place trim seal onto housing and install into front of vehicle. Replace bolt into vehicle with housing and tighten.



With M6 screw and washer provided, tighten housing through grill support.



With phillips screwdriver, carefully remove the mass air sensor from OE airbox.



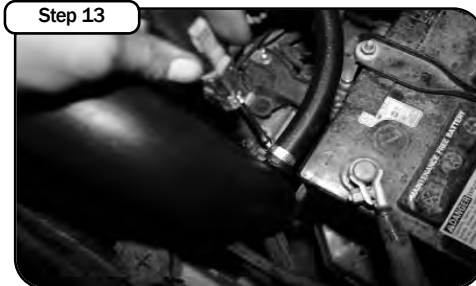
Place mass air sensor into new tube with gasket and nylon spacers provided between tube and sensor. Tighten using M4 screws provided.



With couplers and clamps provided place onto both ends of tube and place into vehicle.



Tighten using 5/16" nut driver on both ends at throttle body and housing side. Re-connect MAF sensor harness.



With 1/4" nut driver, tighten crankcase hose line mini clamp. Install high flow air filter into housing.



Your installation is now complete. Check all clamps and connections. Periodically check all clamps and hoses. Thank you for choosing aFe!

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), on Filter Replacement: Magnum FLOW PN: 24-30003 (black w/ blue media). **Pro Dry S™** P/N: 21-30003 (black w/ white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074