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Intake Kit Installation Instructions: Scion xA / xB 2004-2007 L4-1.5L Stage 2 CX

Kit Part #	51/54-10972		Tools Required:	Part List:	2 Clamp, mini #008
Make:	Scion		5/16" nut driver	1 Air filter P/N (24-90031 or Pro DRY S 21-90031)	1 MAF sensor gasket
Model	Year	Engine	1/4" nut driver	1 Housing powder coated wrinkle black finish	1 5/8" hose @ 12" L
xA	04-07	L4 - 1.5L	10mm socket or wrench	1 Intake tube	1 7/16" trim seal @ 22" L
xB	04-07	L4 - 1.5L	Flathead screwdriver	1 Coupler, elbow 2-1/2"	1 M6 wavy washer
			Phillips screwdriver	2 Screw M6 x1x20	2 M6 nut
			Ratchet and extension	2 M6 flat washer	1 Nylon spacer 1/8"
				2 Screw M4 x .7x16	1 Grommet
				2 Nylon spacer 1/4"	1 1/2" plastic elbow
				2 Clamp, #040	



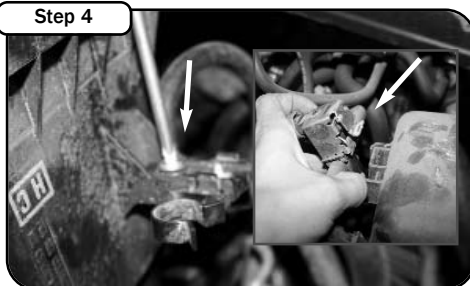
Complete kit components



Complete stock Intake.



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



2006/2007 Scions: turn upper half of air box over and loosen vacuum valve with phillips screw driver and remove. 2004/2005 Scions: remove by pulling valve away from air box.



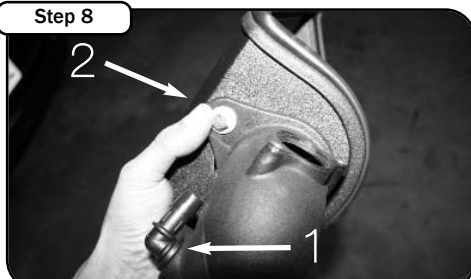
With 10mm socket or phillips screw driver, loosen OE intake tube. Pull crank case line away from intake tube. Remove upper half out of vehicle.



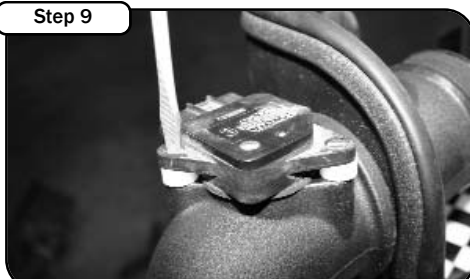
With 10mm socket, loosen the 4 nuts holding the engine cover and remove. Replace the crankcase line with the 5/8" hose provided and mini clamps. Tighten using 1/4" nut driver. Re-install engine cover.



With phillips screwdriver, carefully remove the MAF sensor from OE air box.



Install 7/16" trim seal on housing. 1) Place 1/2" plastic elbow with grommet provided into tube. 2) Place tube into housing and tighten with M6 screw, flat/wavy washer and nut provided.



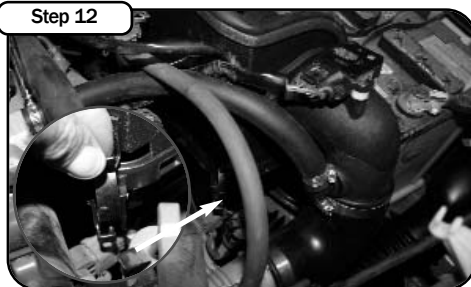
Insert MAF sensor with gasket, 1/4" nylon spacer and M4 screws provided between sensor and tube. Tighten using flathead screwdriver.



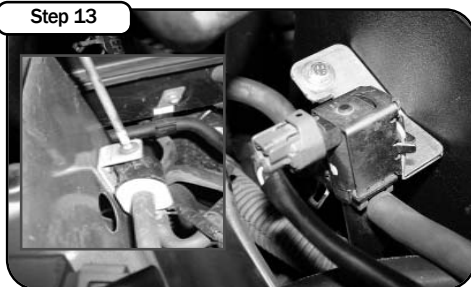
Install 2-1/2" elbow coupler onto throttle body with #040 clamps provided.



Install housing w/ tube into stock lower OE air box. Guide the housing tabs into the two OE air box slots. Place tube into coupling from step 10 and tighten using 1/4" nut driver.



Clamp the 2 clips from the OE air box to the new housing. Place new 5/8" hose to the elbow on the tube and tighten using 1/4" nut driver. Re-connect MAF sensor harness.



2006/2007 Scions: with screw from step 4 using 1/8" nylon spacer provided, place nylon spacer between bracket valve (on side of housing) and tighten. 2004/2005 Scions: use bracket, M6 screw, washer and nut provided and place on tab on the side of housing and slide valve onto bracket.



Install Air Filter and tighten using 5/16" nut driver.



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) Filter Replacement: Magnum FLOW P/N: 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