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# Intake Kit Installation Instructions: Toyota '99-'04 Tacoma / '99-'02 4Runner V6-3.4L

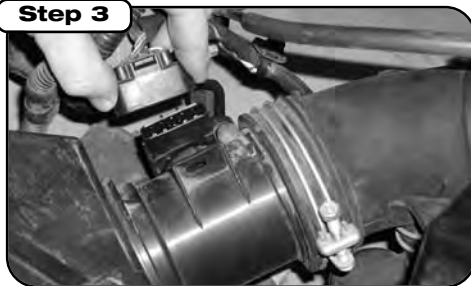
<b>Kit Part #</b>	51/54-11502	<b>Tools Required</b>	<b>Part List:</b>	2	Clamp, #44	
<b>Make:</b>	Toyota	5/16" socket, nut-driver	1	Filter part # 24-35008 (Replacement Filter) or	1	Isolation mount, M6 x 1 x 1
<b>Model</b>	<b>Year</b>	<b>Engine</b>	<b>Pro Dry S™</b> # 21-35008	1	Coupler, straight 2.75" x 3.0"	
Tacoma	'99-'04	V6-3.4L	1	Intake tube, rotomold	1	Hose, vent 1/2" ID x 22"
4Runner	'99-'02	V6-3.4L	1	Filter housing	1	Hose, vent 3/16" ID x 14"
			2	Nut, M6	1	Trim seal small bulb 13"
			2	Screw, M4 x .7 x 16	1	Trim seal large bulb 21"
			1	Screw, M6 x 1.0 x 12 hex head	1	Brass nipple, 5/16"
			2	Screw, M8 x 1.25 x 12 hex head	1	Brass nipple, 3/16"
			3	Washer, wavy 6mm	1	Gasket, MAF
			2	Washer, flat 6mm	2	Nylon spacers
			2	Washer, split lock 8mm		
			2	Washer, flat 8mm		



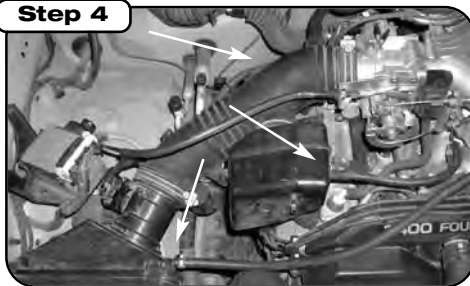
**Step 1**  
Complete kit



**Step 2**  
Complete stock intake.



**Step 3**  
Unplug factory harness from Mass Airflow Sensor



**Step 4**  
Disconnect 3 hoses from stock intake assembly



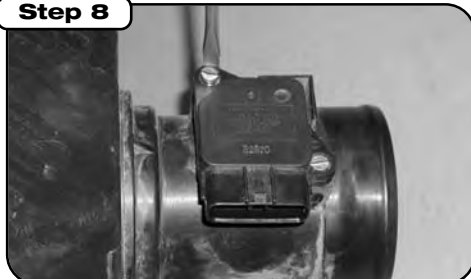
**Step 5**  
Remove stock air box



**Step 6**  
NOTE: (On 4Runner, disconnect ground wires on inner fender)



**Step 7**  
Install heat shield using provided hardware and reconnect ground wire to fender if applicable. Install 7/16" trim seal to top of housing.



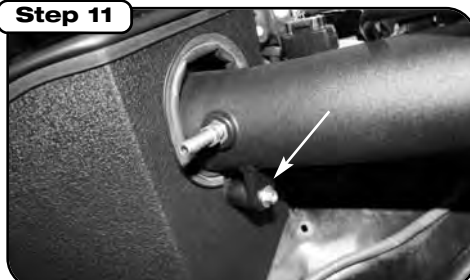
**Step 8**  
Remove factory Mass Airflow Sensor from factory air box.



**Step 9**  
Install MAF sensor to new tube using M4 screws, spacers and gasket provided. Make sure spacers and gasket are between sensor and tube. Install brass nipples to tube and tighten.



**Step 10**  
Install throttle body coupler to intake tube and using provided hose clamps and install intake tube. Use rubber isolation mount between tube bracket and heat shield.



**Step 11**  
After tube is through housing install 7/16" trim seal to inside of housing hole. Use rubber isolation mount between tube bracket and heat shield. Tighten using M6 hardware provided.



**Step 12**  
Remove large diameter vent hose still connected to the throttle body and small diameter vacuum hose, retain factory evap hose (closest to heat shield.) Replace removed hoses with hoses in kit and connect all hoses to intake tube; clamps are not necessary.



**Step 13**  
Install filter to intake tube. Re-position clamp and tighten. Do not use oil or grease. Reconnect factory harness to MAF Sensor



**Step 14**  
Make sure all hoses and clamps are tight and that all electrical components are secure. Check and re-tighten connections and filter after a few hours of operation. 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: PN: 24-35008 (black w/blue media). **Pro Dry S™** P/N: 21-35008 (black w/white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074.