

advanced FLOW engineering

Instruction Manual P/N: 51-81222 / 54-81222

Make: **Toyota** Model: **Tundra** Year: **2007-2009** Engine: **V8-4.7L**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Pro DRY S Air Filter	21-90032 (Gray Media)
A2	1	Pro 5R Air Filter	24-90032 (Blue Media)
B	1	Housing	05-00862
C	1	Cover	05C00862
D	1	Tube	05-00953
E	1	Nipple, Brass	03-50191
F	1	Adaptor	05-00611
G	1	Coupling, Hump	05-01462
H	1	Coupling, Silicone Straight	05-01280
I	1	Hose, Vacuum: (15" inches)	05-00122
J	1	Hose, Fuel (12" inches)	05-00069
K	2	Clamp, #060	03-50002
L	2	Clamp, #072	03-50010
M	7	Screw, Btn Hd Socket: M6	03-50102
N	2	Screw, Chs Hd Slot: M4	03-50030
O	2	Spacer, Nylon	03-50089
P	2	Clamp, Mini #010	03-50078
Q	1	Gasket, MAS	05-00631

Installation will require the following tools:

Flat head screw driver, Phillips screw driver, 8mm socket, 10mm socket, Ratchet & 5/16 nut driver.

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.




Figure A
Refer to Figure A

- Step 1: Remove engine trim cover .
- Step 2: Disconnect the wiring harness from the MAF sensor.
- Step 3: Remove small (fuel press regulator) and large (ccvent) vent hoses from OE intake tube at engine.
- Step 4: Loosen clamps at throttle body and airbox and remove OE intake tube.
- Step 5: Unscrew the 2 airbox mounting screws.
- Step 6: Remove the airbox from vehicle.



Refer to Figure B

Step 7: Remove MAF sensor from OE intake tube.

Step 8: Remove the OE rubber mounting grommets from the OE airbox to transfer to the new aFe housing. (It will be necessary to slide out the metal grommet inserts to allow removal of grommets).

Step 9: Place grommets, inserts, and screws to the aFe housing .



Figure C

Refer to Figure C

Step 10: Attach the supplied aFe air filter adaptor to the housing using 3 button head screws.



Figure D

Refer to Figure D

Step 11: Mount the aFe housing to the inner fender with the original hardware.



Figure E

Refer to Figure E

Step 12: Install the supplied vent fitting and hoses to the aFe intake tube.



Figure F

Refer to Figure F

Step 18: Install the MAF sensor using the supplied gasket, 2 spacers, and 2 screws.


Figure G

Refer to Figure G

Step 14: Install the new intake tube using the supplied couplers and hose clamps.

Step 15: Connect the 2 vent hoses. Use the small hose clamps for the larger vent hose.

Step 16: Connect the MAF sensor harness.



Figure H

Refer to Figure H

Step 17: Install the aFe performance air filter using the supplied clamp.



Figure 1

Refer to Figure 1

Step 18: Install the housing cover using 4 button head screws.

Step 19: Install the engine trim cover.

Your Installation is now complete.

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Pro DRY S Air Filter



P/N: 21-90032

Pro 5R Air Filter



P/N: 24-90032

Pro-GUARD 7 Air Filter



P/N: 72-90032

Pre-Filter



P/N: 28-10133

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



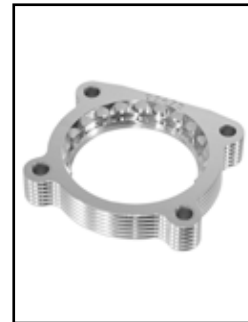
P/N: 90-50501

Gold Squeeze Restore Kit



P/N: 90-50500

Throttle Body Spacer



P/N: 46-38004

Cat-Back Exhaust System



P/N: 49-46009-B (Bk. Tip)
49-46009-P (Pol. Tip)

Oil Filter



P/N: 44-LF014

Sprint Booster V3.



P/N: 77-16507

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to aFepower.com.



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