

advanced FLOW engineering

Instruction Manual P/N: 51-12262-1 / 54-12262-1

Make: **Toyota** Model: **Tundra** Year: **2000-2004** / **Sequoia** Year: **2001-2004** 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.
- 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) (Kit # 51-12262)
A2	1	Pro 5R Air Filter	24-90032 (Blue Media) (Kit # 54-12262)
B	1	Tube	05-12262B1
C	1	Housing	05-12262B2
D	1	Adaptor	05-00611
E	1	Coupling Hump: 3-1/2"	05-00565
F	1	Coupling Hump: 4-1/8"	05-00794
G	2	Clamp #072	03-50010
H	2	Clamp #060	03-50002
I	5	Button Head Screw	03-50102
J	1	5/16 Nipple	03-50192
K	2	3/16 Nipple	03-50191
L	1	Hose, 5/32 x 15"	05-00122
M	1	Hose, 3/16 x 22"	05-00120
N	1	Hose, 5/16 x 4"	05-00112
O	1	Hose, 1/2" x 4"	05-00027
P	2	Hose, 5/16 x 9"	05-00112
Q	1	Seal Trim (31 Inches)	05-00072
R	1	Fitting, Tee, 5/16	03-50318
S	1	Gasket, MAS	05-00114
T	1	Hose, 5/32 x 15"	05-00122
U	1	Tee, 3/8 x 3/8 x 1/2	03-50423
V	1	Fitting Coupling, 3/16	03-50150
W	1	Cap, Vacuum, 5/16	03-50424

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.

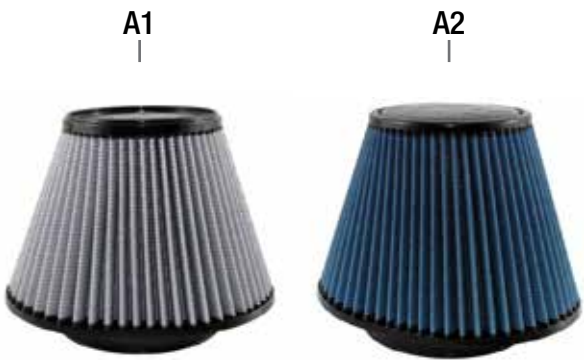
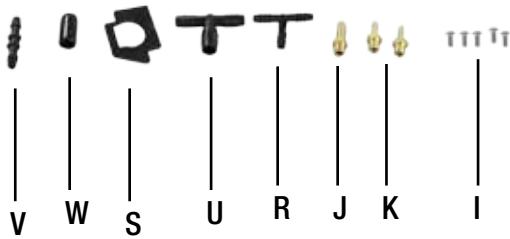
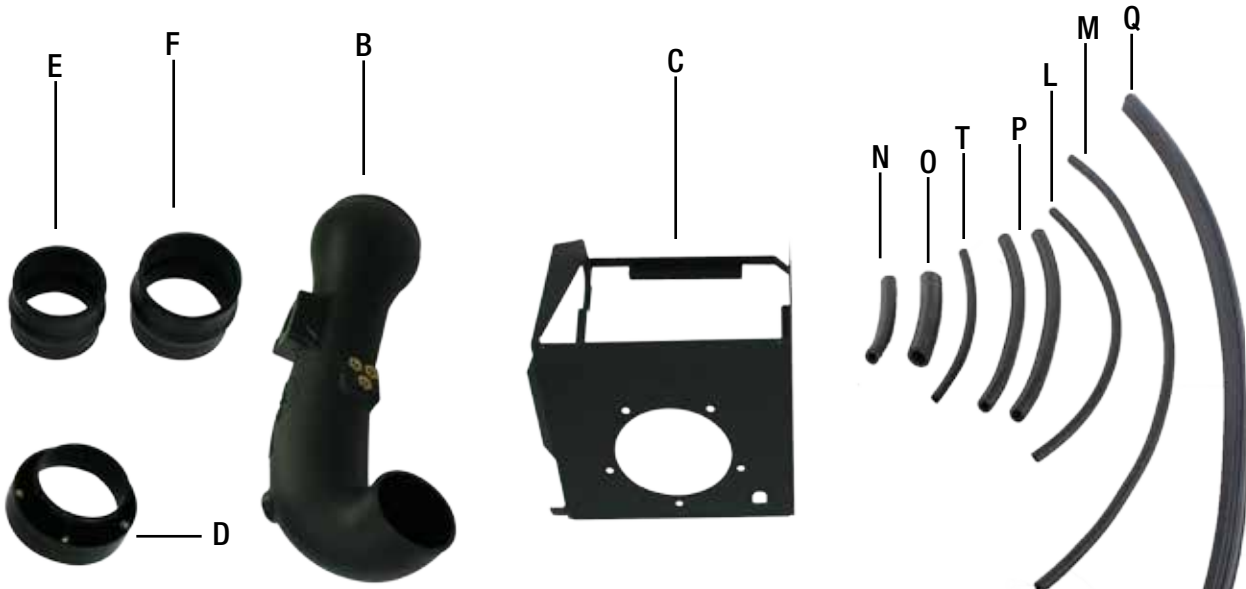




Figure A

Refer to Figure A for Steps 1-2

Step 1: Remove trim over throttle body. ①

Step 2: Remove screw for A/C line clamp and save for reuse. ②



Figure B



REMOVAL



Refer to Figure B for Steps 3-4

Step 3: Remove Mass air flow meter and unclip harness from factory intake tube. (3)

Step 4: Disconnect vacuum hoses from tube. The largest hose can be removed from the cylinder head valve cover vent. New hoses are provided (4).



Refer to Figure C for Steps 5-6

Step 5: Loosen clamp at throttle body. ⑤

Step 6: Unclip top half of OE air box. ⑥



Figure D

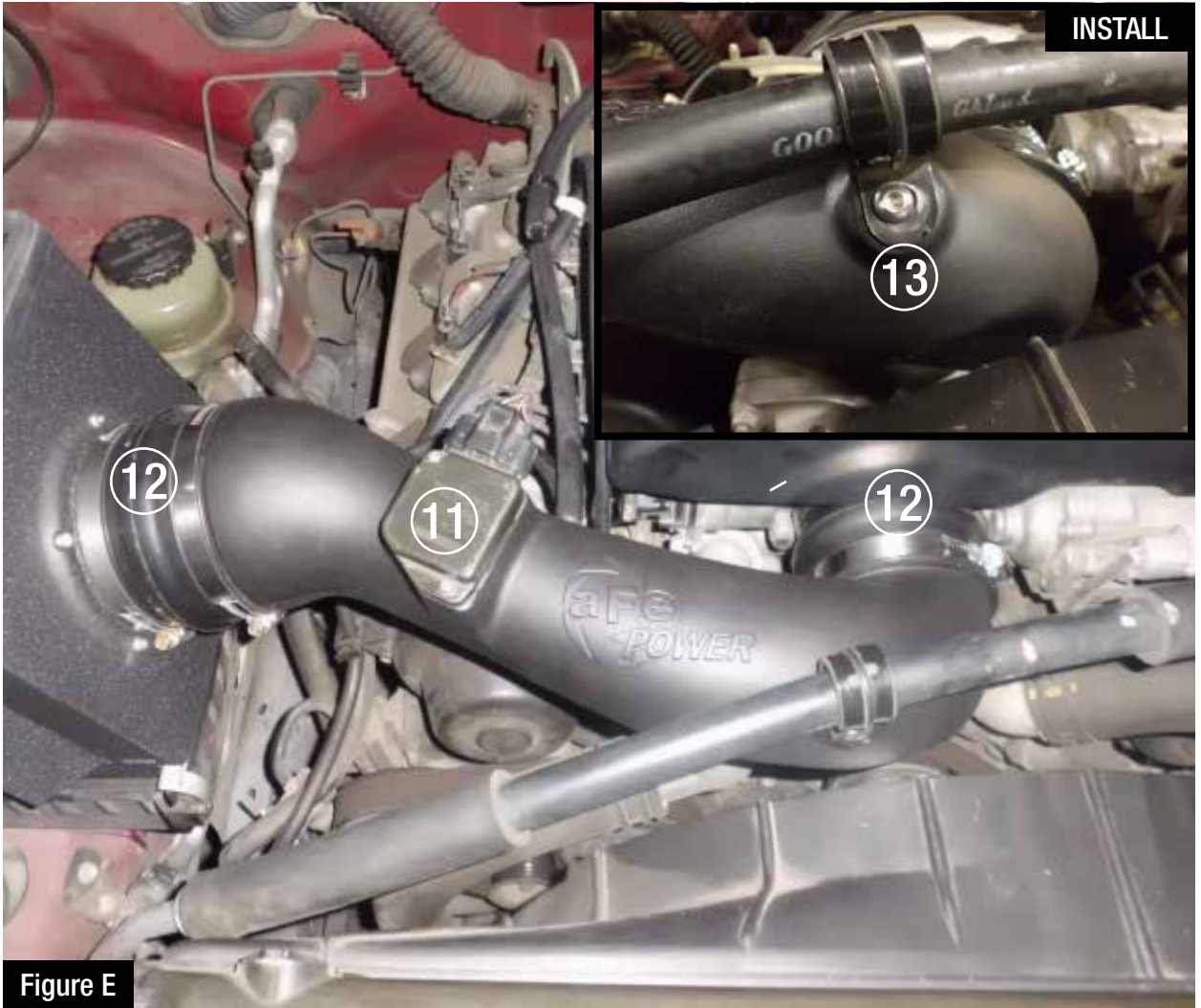
Refer to Figure D for Step 7-10

Step 7: Install seal trim on aFe housing. (7)

Step 8: Install the air filter adaptor in the housing and secure using the 5 screws provided. (8)

Step 9: Align the aFe housing on top of the bottom portion of the OE air box, use the factory clips to retain the housing in place. (9)

Step 10: Install brass fittings on tube in configuration shown Figure D. The two 3/16" fittings should be stacked with the 5/16" fitting standing alone (10).



Refer to Figure E for Steps 11-14

- Step 11: Install the mass air flow meter into the aFe tube using the 2 slotted screws and gasket. (11)
- Step 12: Install both couplings with clamps on each end of the aFe tube. (12)
- Step 13: Install the aFe tube, sliding the coupling over the throttle body and the air filter adaptor. Do not tighten clamps.
- Step 14: Flip and attach A/C line clamp to intake tube using original screw. (13)

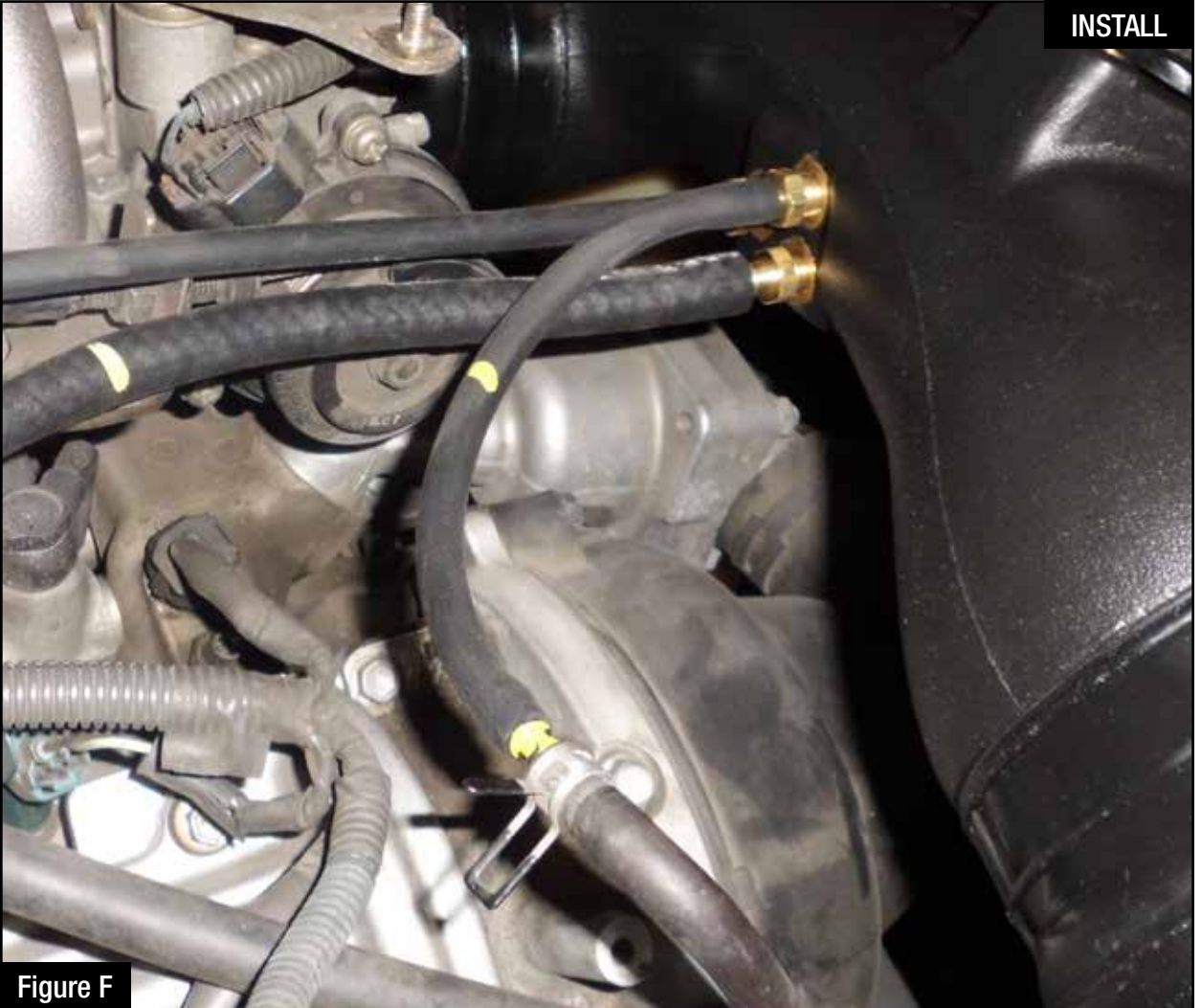


Figure F

Refer to Figure F for Step 15

Step 15: Use the 3/16 connector fitting to extend this hose to one of the small vent fittings on intake tube.

**Figure G****Refer to Figure G for Steps 16-17**

Step 16: Determine if you have a large or small valve cover vent hose and use the corresponding vent tee and hose shown figure G.

Step 17: Route the other hoses as shown. A vacuum cap is provided for use on the tee fitting if your application does not have hose.



Figure H

Refer to Figure H for Steps 18-19

Step 18: Install the aFe air filter.

Step 19: Reconnect the mass air flow meter harness. ①6

**Figure I****Refer to Figure I for Steps 20-23**

Step 20: Tighten all clamps.

Step 21: Reinstall the throttle body trim and reconnect battery.

Step 22: Check if hoses are kinked and that all hoses and sensors are connected.

Step 23: Your installation is now complete.

*Verify all connections are secure 100-200 miles after installation



Pro DRY S Air Filter



P/N: 21-90045

Pro 5R Air Filter



P/N: 24-91031

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Blue Aerosol Restore Kit



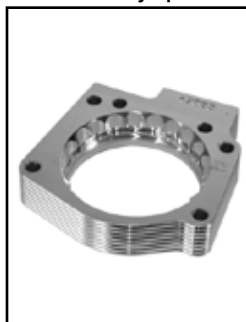
P/N: 90-50001

Air filter



P/N: 30-10053

Throttle Body Spacer



P/N: 46-38006

Cat-Back Exhaust



P/N: 49-46007

Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"). Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.