



advanced FLOW engineering

Instruction Manual P/N: 51-82722 / 54-82722

Make: **Toyota** Model: **Tacoma** Year: **2005-2015** Engine: **L4-2.7L**



- 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	Air Filter (Pro Dry, Gray Media)	21-91021
A2	1	Air Filter (Pro 5R, Blue Media)	24-91021
B	1	Housing	05-00823
C	1	Adaptor, filter	05-00611
D	9	Screw, Btn Hd Socket M6 x 1 x 10	03-50113
E	1	Hose, Vacuum (9")	05-00122
F	1	Tube	05-82722B1
G	1	Coupling 2.75 x 3	05-00418
H	1	Coupling 4 x 2.75 x 3.5	05-00649
I	1	Clamp #064	03-50006
J	3	Clamp #048	03-50007
K	2	Screw, M4 x .7 x 16 Cheese Hd	03-50030
L	1	Isolation Mount	03-50063
M	1	Washer, flat	03-50065
N	1	Nut, Hex: M8, Zn Plt	03-50087
O	1	Nipple	03-50191
P	1	Cover	05C00823B
Q	1	Bracket	05-00744
R	1	Plug, Airbox	05-00937B

Tools needed: 4mm allen wrench, 8 mm nut driver, 10 mm socket w/extension and ratchet, 12 mm socket w/extension and ratchet, 13 mm socket w/extension and ratchet, 10 mm wrench, 13mm wrench, Phillip screw driver, and Flathead screw driver.



**Figure A****Refer to Figure A for Steps 1-3**

Step 1: Remove the three bolts that secure the intake resonator to the valve cover (1).

Loosen the intake hose clamps (2).

Step 2: Remove the intake hose.

Step 3: Remove MAF sensor (3) from OE airbox using phillips screwdriver.

**Figure C****Refer to Figure C for Steps 4-5**

Step 4: Disconnect the breather hose (4) and the vacuum hose (5) connected to the fuel regulator, going to the intake resonator. Loosen the clamp on the throttle body.

Step 5: Remove the VSV located (6) on the back side of the intake resonator and remove intake resonator. (Save OE bolts for later use)



Figure B

Refer to Figure B for Steps 5-6

Step 5: Remove the three 12mm bolts securing the lower airbox.

(Set two bolts aside for later use) Remove the lower airbox.

Step 6: Remove 2 OE rubber grommets and spacers from lower airbox. (Set aside for later use)



Figure D

Refer to Figure D for Steps 7-8

Step 7: Transfer MAF sensor to aFe intake tube with hardware provided using flathead screwdriver.

Step 8: Install brass vacuum hose fitting onto aFe intake tube.



Figure E

Refer to Figure E for Step 9

Step 9: Place the “L” bracket on the valve cover (7). Secure with OE bolt from intake resonator.
Secure the VSV with the supplied nuts and OE bolts.



Figure F

Refer to Figure F for Step 10

Step 10: With OE rubber grommets removed from OE lower airbox, place onto new housing with metal spacers (8).



Figure G

Refer to Figure G for Step 11

Step 11: Insert M8 isolation mount (9) and hand tighten firmly. (It may be necessary to clean the threads from undercoating or paint)

**Figure H****Refer to Figure H for Step 12**

Step 12: Place intake adaptor into housing. Use the supplied M6 button head screws to attach adaptor and tighten (10).



Figure I

Refer to Figure I for Step 13

Step 13: Place housing into vehicle and tighten using two OE 12mm bolts from the lower airbox (11). Using supplied M8 nut and washer tighten housing onto isolation mount with 13mm wrench (12).

**Figure J****Refer to Figure J for Steps 14-16**

Step 14: Place coupler with clamp onto tube for adaptor side of housing. Then place coupler with clamp onto tube for throttle body side. Install loose to allow for repositioning.

Step 15: Connect breather hose to intake tube (13)

Step 16: Using supplied vacuum hose, connect to tube and fuel regulator (14).



Figure K

Refer to Figure K for Step 17

Step 17: Place high-flow filter into housing (15) and tighten using 8mm nut driver. Place cover on housing using M6 button head screws provided and tighten using 4mm allen wrench.



Figure J

Refer to Figure J for Steps 18-19

Step 18: Check and adjust intake tube as needed and tighten all coupler clamps.

Step 19: Your installation is now complete. Check to see if everything is connected and clamps are tight. Thank you for choosing aFe!



Pro DRY S Air Filter



P/N: 21-91021

Pro 5R Air Filter



P/N: 24-91021

aFe Gear



P/N: 40-10122

aFe Gear



P/N: 40-10125

aFe Gear



P/N: 40-10131

aFe Gear



P/N: 40-10145

aFe Gear



P/N: 40-10149

aFe Gear



P/N: 40-30383

aFe Gear



P/N: 40-31235

Air Intake System



P/N: 54-11382

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 nontransferable.
- 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.