

advanced FLOW engineering

Instruction Manual P/N: 55-12550 / 55-12551 / 55-12540 /55-12541

Make: **Toyota** Model: **Tundra** Year: **2007-2017** Engine: **V8-4.6L/5.7L**



- 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 5R Air Filter (2014 only)	30-10247
A2	1	Pro DRY S Air Filter (2014 only)	31-10247
A3	1	Pro 5R Air Filter (2007-2013)	30-10146
A4	1	Pro DRY S Air Filter (2007-2013)	31-10146
B	1	Clamp (3-5/16" - 4-1/4")	03-50002
C	3	Clamp (3-1/16"-4")	03-50009
D	1	Nipple 3/16"ID x 1.8"npt	03-50191
E	1	Hose, Fuel 1/2" ID (15")	05-00027
F	1	Coupling, Silicone Reducer	05-01321
G	1	Coupling, Reducer Straight	05-01322
H	1	Tube	05-12540B1
I	1	Throttle Body Spacer	46-38005

Tools needed: 1/2" Deep socket, 8mm socket, 10mm socket w/extension, ratchet.

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.

A1/A2/A3/A4

H

F

E



B

B

C

C



D

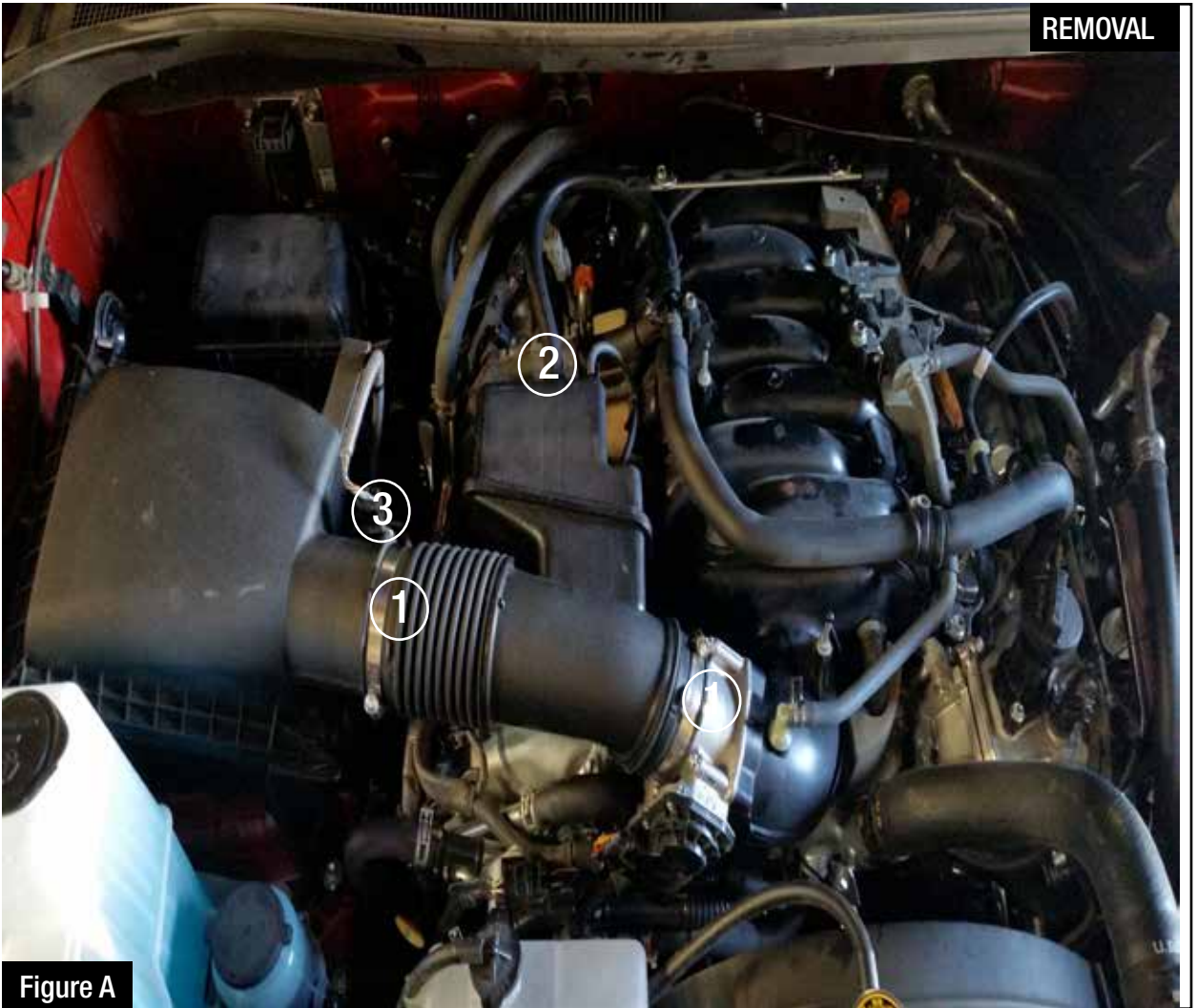
I

I

I

I

G

**Figure A****Refer to Figure A for Steps 1-4**

Step 1: Lift up and remove engine cover.

Step 2: Loosen both clamps on OE intake tube. ①

Step 3: Remove crankcase and vacuum line away from tube. ②

Step 4: Disconnect the MAF sensor harness temporarily. ③

REMOVAL



Figure B

Refer to Figure B for Steps 5-6

Step 5: Remove OE intake tube.

Step 6: Remove OE Filter and replace with High Flow aFe Replacement Filter. ④



Figure C

Refer to Figure C for Steps 7-10

Step 7: Remove the 4 OE bolts on the throttle body. (5)

Step 8: Remove the factory O-Ring seal located between the throttle body and manifold. (6) Replace the factory O-Ring seal with the aFe O-Ring seal. Insert the aFe throttle body spacer followed by the gasket that seals the throttle body to the aFe throttle body spacer.

Step 10: Use provided hardware to replace the 4 OE throttle body bolts. Make sure not to overtighten.

**Figure D****Refer to Figure D for Steps 11-12**

Step 11: Install the provided reducer silicon coupling to the factory housing.

Step 12: Place the coupling clamps on the silicon coupling and only tighten the housing side.

**Figure E****Refer to Figure E for Step 13-15**

- Step 13: Assemble the aFe Super Stock Tube, install the brass fitting on to the aFe wrinkle black tube.
- Step 14: Install the silicon coupling near the bend of the tube.
- Step 15: Install the provided coupling clamps. Do not tighten.



Figure F

Refer to Figure F for Step 16-19

Step 16: Replace the factory 1/2" crankcase hose with the provided hose. (Re-use the factory clamps) ⑦.

Step 17: Install the aFe wrinkle black tube, insert housing side first then to the throttle body.

Step 18: Re-connect crankcase and vacuum hose onto the aFe stainless steel tube.

Step 19: Adjust tube then tighten clamps.



Figure G

Refer to Figure G for Steps 20-21

Step 20: Re-install the engine cover.

Step 21: Re-connect MAF sensor harness.

Installation is now complete.

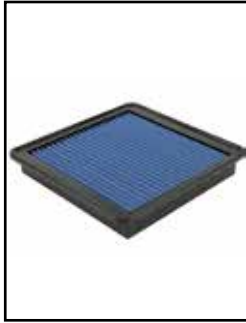


OER Air Filter



P/N: 30-10247 (P5R)
31-10247 (PDS)
V8-5.7L Models '14-'17

OER Air Filter



P/N: 30-10146 (P5R)
31-10146 (PDS)
V8-4.6L/5.7L '07-'13

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

Cat-Back Exhaust



P/N: 49-46006-B

Cat-Back Exhaust



P/N: 49-46008

aFe Cat-Back Exhaust



P/N: 49-46009-B

Dual Cat-Back Exhaust



P/N: 49-46014-B (Blk Tips)
49-46014-P (Pol Tips)

Cold Air Intake System



P/N: 51-76003 (PDS)
54-73006 (P5R)

Front Coilovers



P/N: 101-5600-06

Rear Shocks



P/N: 102-0052-09

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.