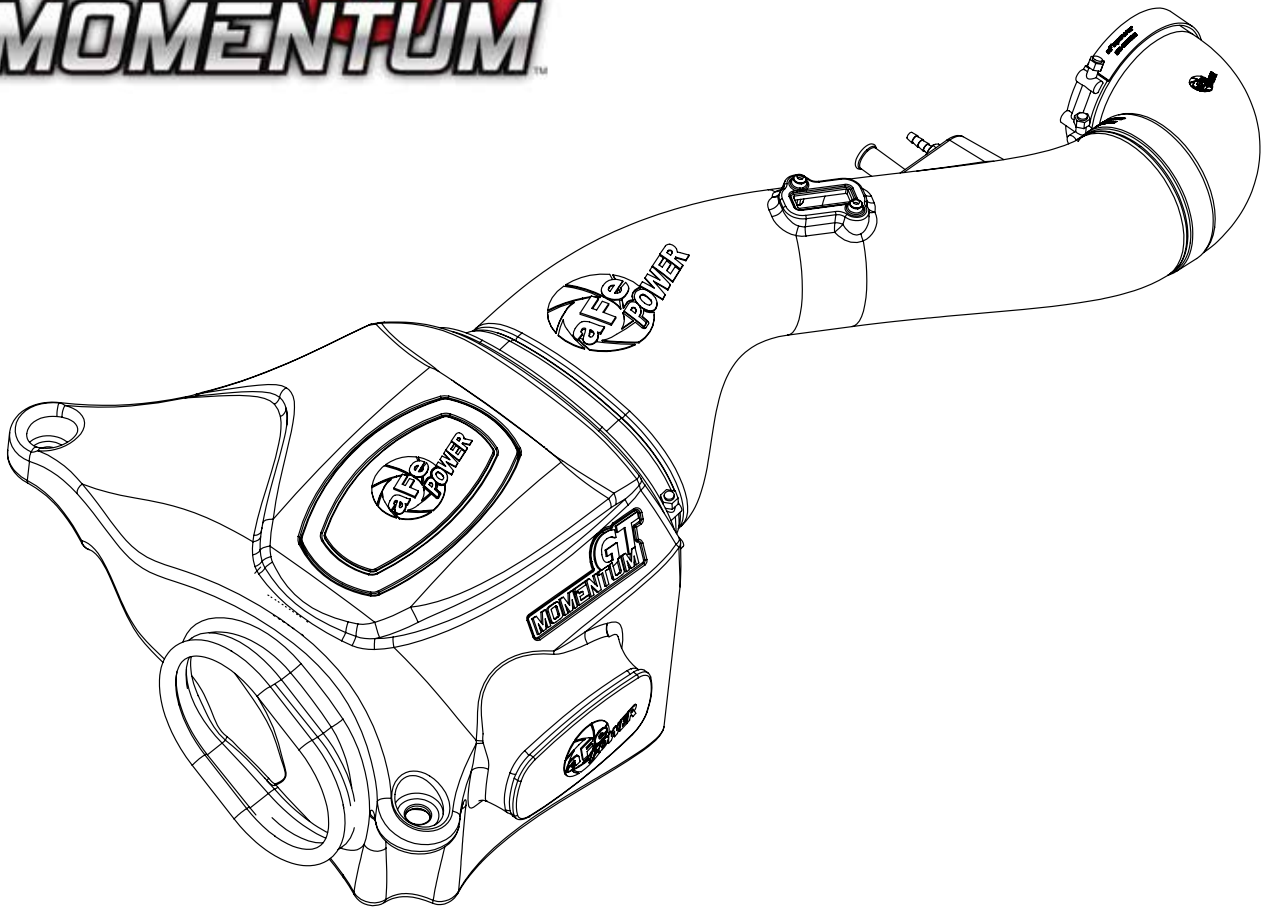
GT MOMENTUM



advanced FLOW engineering

Instruction Manual P/N: 50-70027D / 50-70027R / 50-70027G

Make: **Toyota** Model: **Land Cruiser (LC200/J200)** Year: **2008-2011** 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 technical support at 951-493-7100 or e-mail tech@afepower.com.**
- **Ensure you have all necessary tools before proceeding.**
- **Do not attempt to work on your vehicle when the engine is hot.**
- **Disconnect both the negative battery terminal before proceeding.**

Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Pro DRY S (Gray Media)	21-91092
A2	1	Pro 5R (Blue Media)	24-91092
A3	1	Pro-GUARD 7 (Gold Media)	72-91092
B	1	Tube	05-76016B1
C	1	Housing	05-76006B2
D	1	Plug, Urethane	05-01202
E	1	Coupling, Silicone Reducer	05-01492
F	1	Clamp, T-bolt (3-13/16"-4-1/8")	03-50265
G	1	Seal, Trim: 3/4" (26" inches)	05-00007
H	1	Clamp, T-bolt (3-9/16" - 3-7/8")	03-50498
I	2	Screw, Torx: M4	03-50491
J	1	Fitting, Nipple, Brs Hose	03-50191
K	1	Hose, Vacuum (20" inches)	05-00122
L	2	Clamp, Mini #010	03-50078
M	1	Hose, Vacuum: 5/8" (12" inches)	05-00069

Installation will require the following tools:
10mm & 8mm nut drivers, pliers, T20 & T30 drivers, 10mm & 11mm deep socket & driver, flathead screwdriver, phillips screwdriver and 7/16" wrench.

Note: Not legal for use in California. The use of this device in any on-road or off-road vehicles registered with the California Dept of Motor Vehicles (DMV) is strictly prohibited.

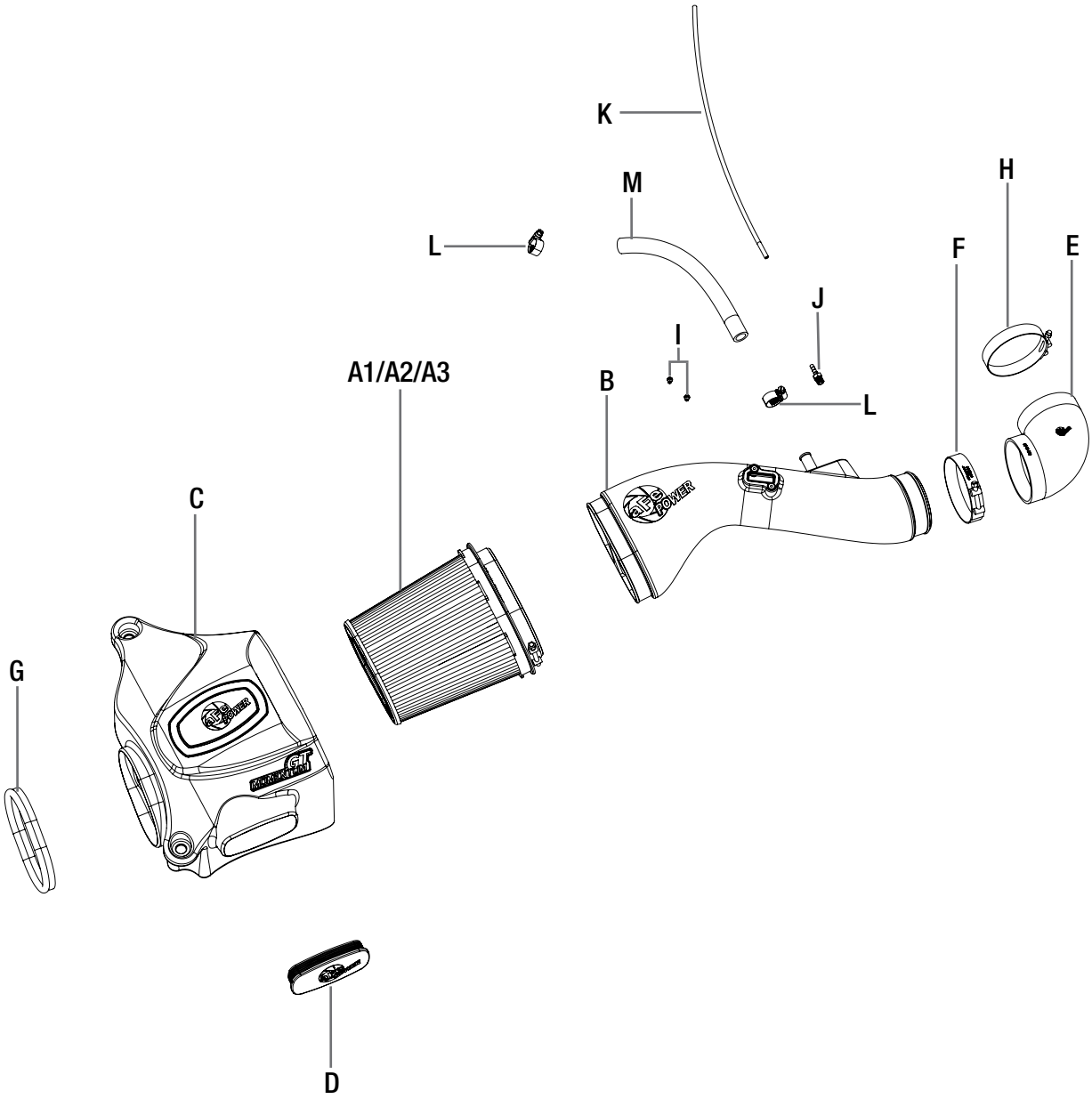

K
M
L
H
F
E
J
I
A1/A2/A3
B
L
C
G
D



Figure A

Refer to Figure A for Step 1

Step 1: Remove the 10mm nut securing the engine cover. Then remove the engine cover by pulling on it.



Figure B

Refer to Figure B for Step 2

Step 2: Disconnect the harness from the Mass Air Flow (MAF) sensor and unclip it from the housing.

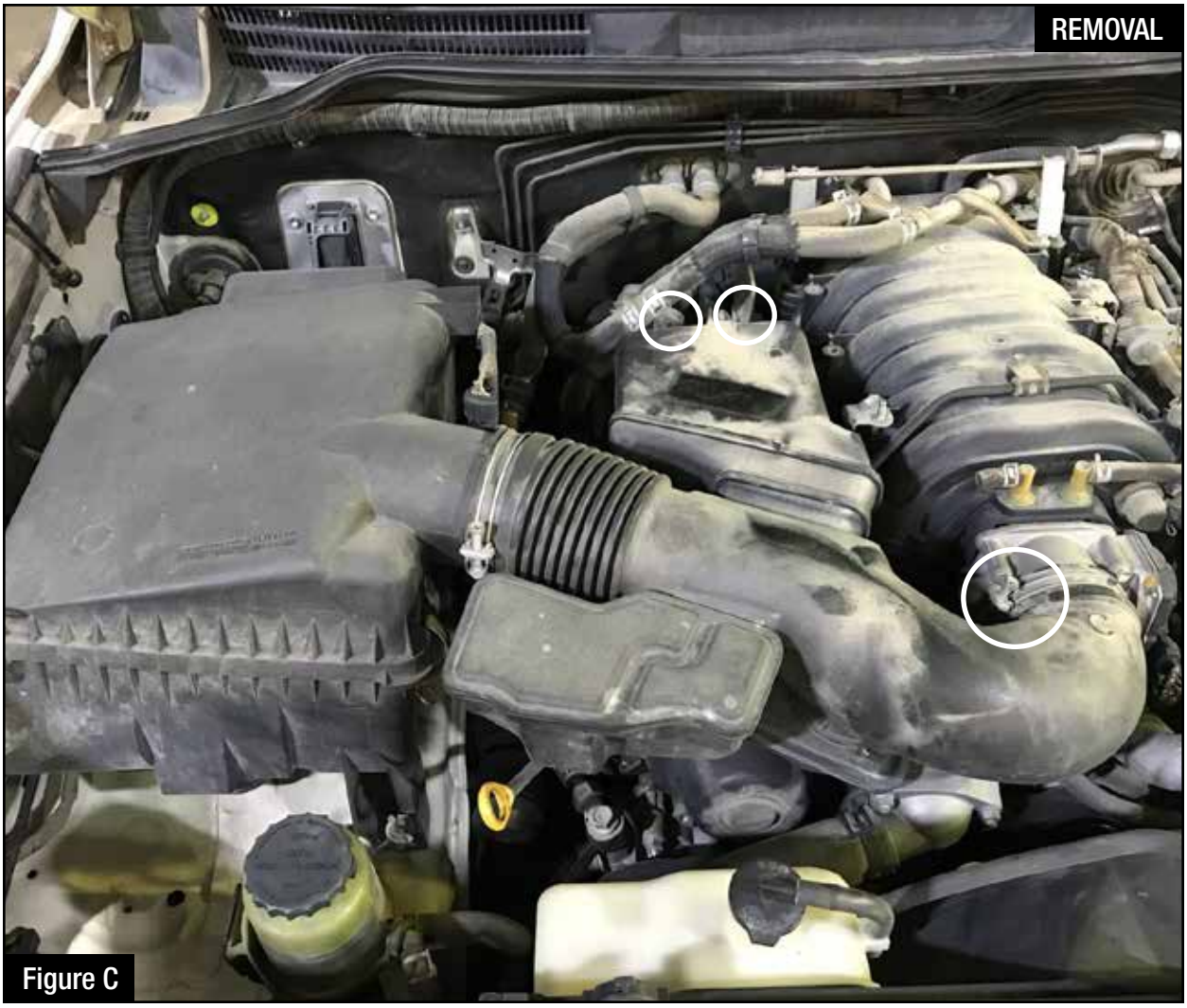


Figure C

Refer to Figure C for Steps 3-4

Step 3: Disconnect the two vacuum hoses connected to the tube resonator. Remove those two hoses completely. They will be replaced.

Step 4: Untighten the clamp at the throttle body.



Figure D

Refer to Figure D for Step 5

Step 5: Unsnap the 4 clips holding down the airbox lid. Remove the lid and tube then remove the air filter.



Figure E

Refer to Figure E for Steps 6-7

Step 6: Remove the 3 screws holding the lower section of the factory airbox. Those screws and grommets will be re-used to install the aFe POWER housing.

Step 7: Remove the factory airbox.



Figure F

Refer to Figure F for Step 8

Step 8: Remove the two screws securing the air inlet duct and take the air inlet duct out.



Figure G

Refer to Figure G for Step 9

Step 9: Transfer the three grommet and screws from the factory airbox to the aFe POWER housing. One goes on the inside of the housing.



Figure H

Refer to Figure H for Step 10

Step 10: Install the provided trim seal on the inlet of the aFe POWER housing.



Figure I

Refer to Figure I for Step 11

Step 11: Install the aFe POWER housing in the vehicle. Secure it by tightening the three factory screws.



Figure J

Refer to Figure J for Step 12

Step 12: Slide the aFe POWER filter and clamp into the aFe POWER housing and push it in until it locks into place. Do not tighten clamp at this time.



Figure K

Refer to Figure K for Steps 13-14

Step 13: Transfer the MAF sensor from the factory airbox to the aFe POWER intake tube. Secure it using the provided small screws.

Step 14: Install the provided brass nipple fitting onto the NPT fitting on the tube. Firmly tighten it.



Figure L

Refer to Figure L for Step 15

Step 15: Install the coupling with clamps on the throttle body. This is a reducer coupling; the throttle body side is the smaller side. The clamps are also different size and the smaller one goes on the throttle body side. Do not tighten yet.



Figure M

Refer to Figure M for Steps 16-17

Step 16: Slide the aFe POWER intake tube into the filter then the other side into the coupling on the throttle body.

Step 17: Align the tube correctly and tighten all clamps.



Figure N

Refer to Figure N for Steps 18-19

Step 18: Install the furnished bigger hose between the tube and engine valve cover. Secure it using the provided mini clamps.

Step 19: Install the small hose between the fitting on the tube and the engine.



Figure 0

Refer to Figure O for Steps 20-21

Step 20: Reconnect the MAF sensor. Route the harness under the tube.

Step 21: Reinstall the engine cover.



Figure P

Refer to Figure P for Step 22

Step 22: The kit includes an optional plug to close off the front auxiliary air inlet. Install the plug if you wish to close off the front auxiliary air inlet and only capture cold air from the side fender.

• Without the plug installed, the aFe POWER intake will capture the maximum air available. More airflow offers more power. Yet some of this air is picked up from inside the engine compartment and could be warmer air. Warmer air will affect the performance of the vehicle.

• The plug installed on the housing will block off any hot engine air entering the housing and make sure the coolest air available is directed into the engine. It will also reduce the noise of the intake.



Figure Q

Refer to Figure Q for Steps 23-24

Step 23: If you purchased the optional aFe POWER air scoop, install it following the install instruction.

Step 24: Verify all connections are secured. The installation is now completed, enjoy your aFe POWER air intake system.

NOTE: Check all bolts, clamps and connectors after 100-200 miles.

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Pro DRY S Air Filter



P/N: 21-91092

Pro 10R Air Filter



P/N: 20-91092

Pro-GUARD 7 Air Filter



P/N: 72-91092

Pre-Filter



P/N: 28-10283

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

Dynamic Air Scoop



P/N: 54-76006-S

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

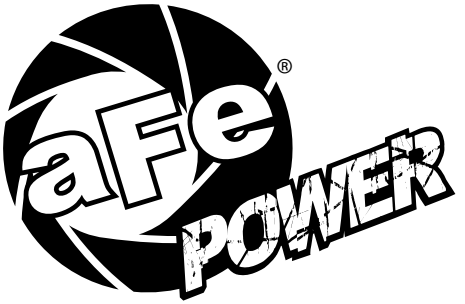
Warranty

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"), email RGA@afepower.com or call (951)493-7100. 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, 23, 24, 72	2 years
Air Intake Systems	50, 51, 53, 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.



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