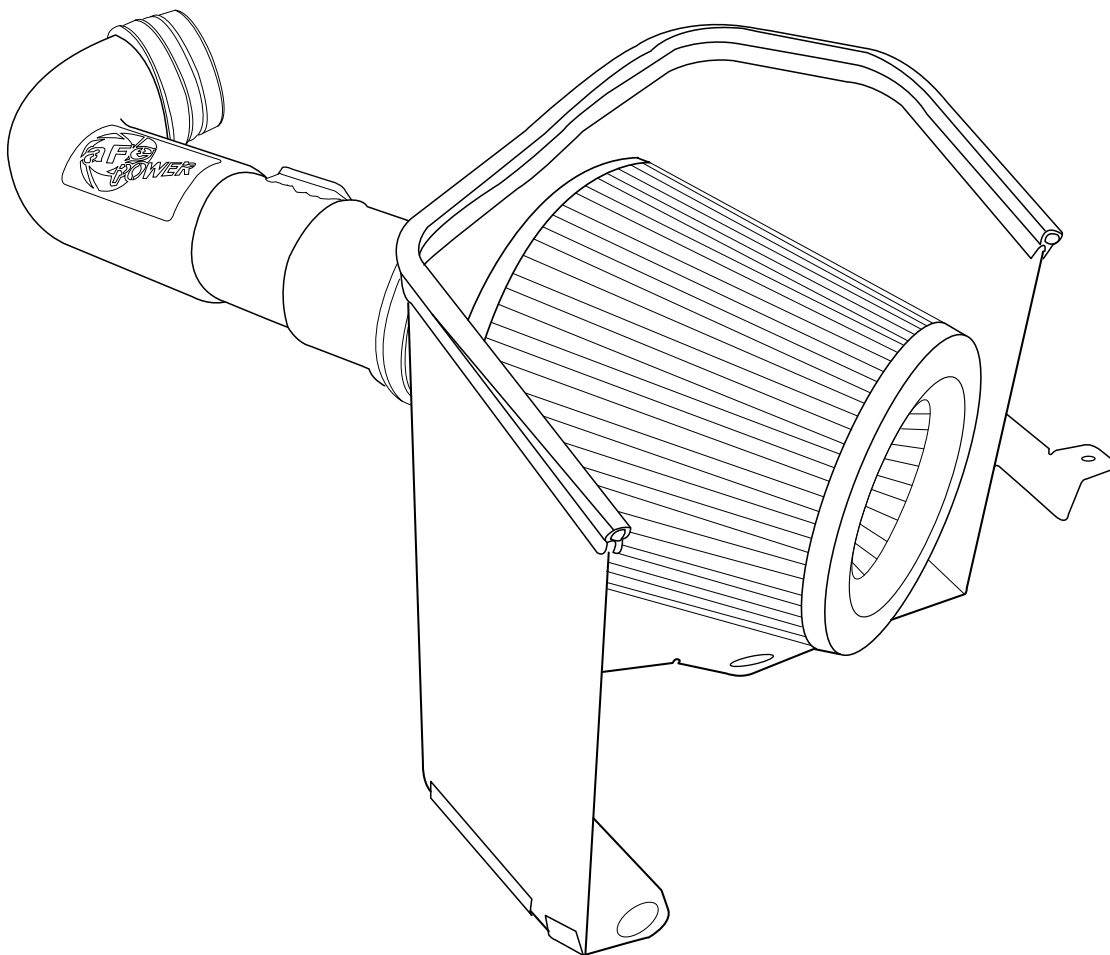
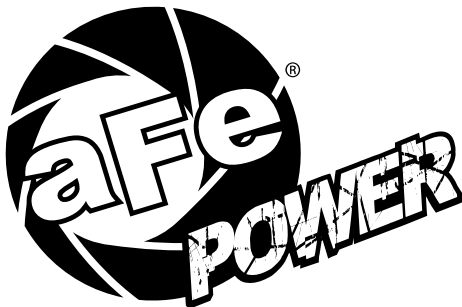




advanced FLOW engineering

Instruction Manual P/N: 51-10312-1 / 54-10312-1

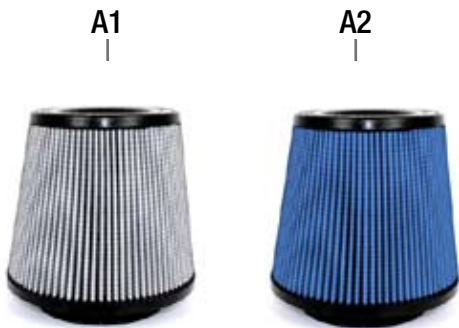
Make: **Nissan** Model: **Titan/Armada** Year: **2011-2013** Engine: **V8-5.6L**



- 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	21-91051 (Gray Media) (Kit # 51-10312-1)
A2	1	Pro 5R Air Filter	24-91051 (Blue Media) (Kit # 54-10312-1)
B	1	Housing	05-00622
C	1	Tube	05-10312B1
D	1	Coupling Straight	05-00419
E	1	Coupling Hump	05-00800
F	2	Clamp #056	03-50009
G	2	Clamp #064	03-50006
H	4	Clamp Mini	03-50078
I	2	Hose (5 Inches)	05-00069
J	2	Screw Cheese Head	03-50034
K	1	Seal Trim (280 Inches)	05-00072
L	3	Screw Button Head	03-50102
M	2	Aluminum Fittings	05-01274
N	1	Adaptor	05-00611

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 Step 1**

Step 1: Remove the engine cover by removing the two 10mm bolts. ①



Refer to Figure B for Steps 2-5

Step 2: Disconnect the MAF sensor. (2)

Step 3: Loosen the hose clamp on the throttle body. (3)

Step 4: Remove the two factory air vent hoses from the intake using pliers to move the clamps back. (4)

Step 5: Unclip the two tabs from the OE air box and remove the intake with the top portion of the OE air box all at once. (5) (Insert photo)



REMOVAL

Figure C

Refer to Figure C for Steps 6-8

Step 6: Remove OE air filter.

Step 7: Remove the 10mm bolt on the side of the air box set aside for later use. Lift the lower air box up out of the engine bay.

Step 8: Remove the OE grommets that are underneath the lower portion of the OE air box they will be used later on the aFe power air intake housing. ⑥ (Photo insert)

**Figure D****Refer to Figure D for Steps 9-11**

Step 9: Transfer the rubber grommets from the lower air box to the new aFe intake housing. ⑦

Step 10: Install the air filter adaptor using the three provided button head screws. ⑧

Step 11: Install the provided seal trim around the top of the aFe intake housing. ⑨



Refer to Figure E for Steps 12-14

Step 12: Install the aFe housing in to the vehicle and align the holes to the grommets.

Step 13: Re-install the 10mm bolt to secure the aFe housing.

Step 14: Install the aFe couplings and clamps onto the throttle body and the air filter adaptor.

Do not tighten clamps.



Refer to Figure F for Steps 15-19

Step 15: Remove the MAF sensor from the OE intake tube. (10) (Photo insert)

Step 16: Re-install the MAF sensor on the aFe intake tube using the provided hardware. (11)

Step 17: Install the air vent hoses and the mini clamps onto the aFe intake tube. (12)

Step 18: Install the aluminum fittings on the end of the air vent hoses. (13)

(Make sure that they sit half way inside).

Step 19: Tighten the mini clamps.



Figure G

Refer to Figure G for Steps 20-22

Step 20: Install the aFe intake tube.

Step 21: Align the tube then clamp down.

Step 22: Re-connect the factory air vent hoses to the aFe air vent plugs. (Make sure to clamp hoses using pliers). ⑭



Figure H

Refer to Figure H for Steps 23-26

Step 23: Install aFe air filter.

Step 24: Re-connect the MAF sensor to the intake. ⑮

Step 25: Re-install the engine cover with the two 10mm bolts. ⑯

Step 26: Your installation is now complete.

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



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Pro DRY S Air Filter



P/N: 21-91051

Pro 5R Air Filter



P/N: 24-91051

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

aFe Power Hat



P/N: 40-10083

aFe Throttle Body Spacer



P/N: 46-36001

aFe Exhaust System



P/N: 49-46102-B

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

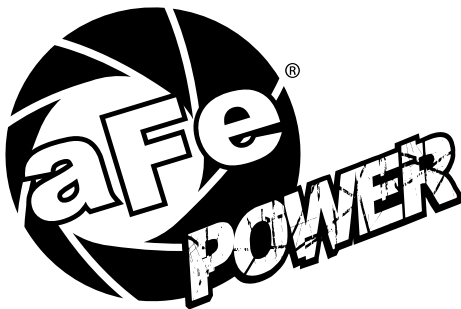
Warranty

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, 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.



advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

TEL: 951.493.7155 • TECH: 951.493.7100

E-Mail: Tech@aFepower.com