

**advanced FLOW engineering**

**Instruction Manual** P/N: 51-76205 and 54-76205

Make: **Jeep** Model: **Grand Cherokee (WK2)** Year: **2011-2015** Engine: **V8-5.7L**

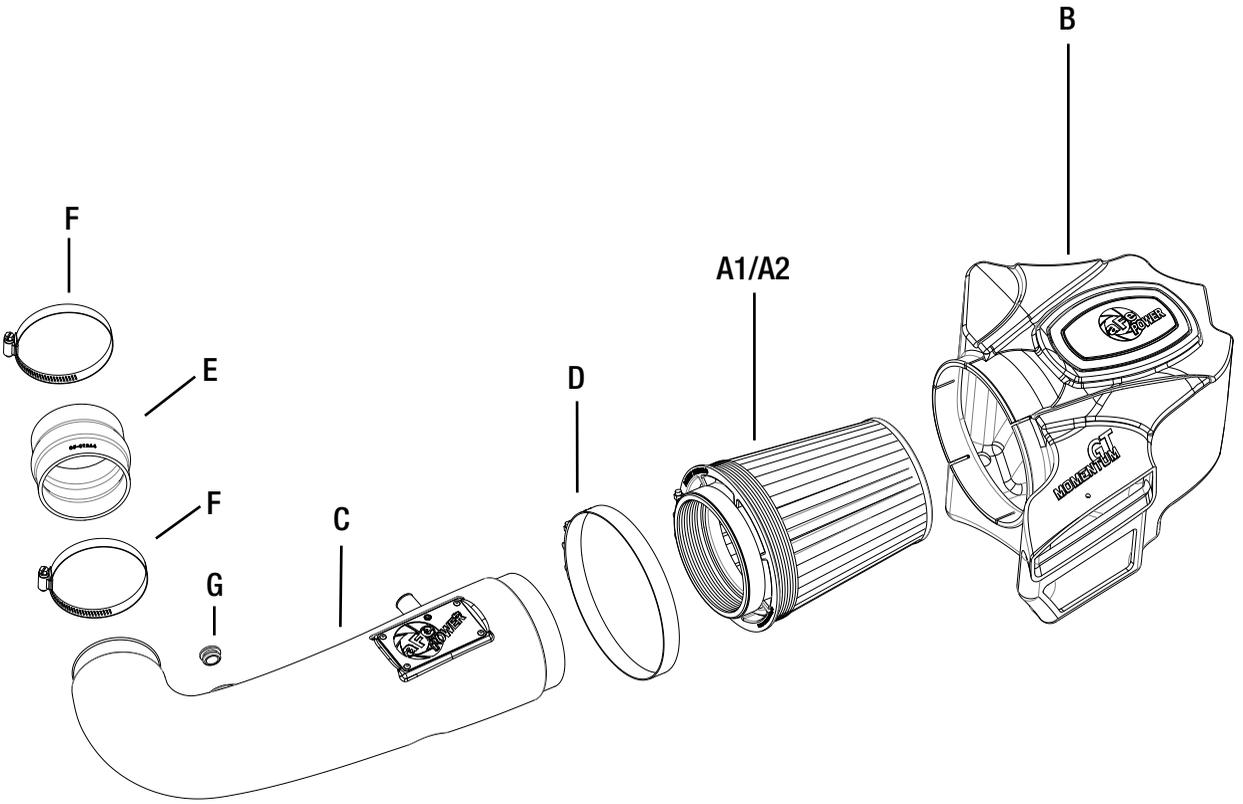


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter Pro-5R (Blue Media)	24-91062
A2	1	Air Filter Pro DRY S (Grey Media)	21-91062
B	1	Housing	05-76205B2
C	1	Tube	05-76205B1
D	1	Clamp, T-Bolt	03-50290
E	1	Coupling, Hump (3-1/2"ID x 3"L)	05-01264
F	2	Clamp 056 (3-1/16" - 4")	03-50009
G	1	Grommet, Air Temp Sensor	03-50033

Tools Needed: 8mm nut driver, 10mm nut driver, 10mm deep socket, 11mm deep socket, 1/4" ratchet, panel popper (recommended)

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 engine cover by pulling straight up.

**Figure B****Refer to Figure B for Steps 2-6**

Step 2: Using 8mm nut driver, remove support screw (1).

Step 3: Disconnect temperature sensor harness (2).

Step 4: Disconnect crank case vent hose (3).

Step 5: Using 8mm nut driver, loosen band clamp on throttle body (4).

Step 6: If equipped, unclip vent hose on the backside of the factory housing (5).

**Figure C****Refer to Figure C for Steps 7-8**

Step 7: Carefully pull up and remove trim seal on top of the factory intake scoop and 2-3 clips on either side. This helps with the removal of the factory airbox and installation of the aFe housing (6).

**Note: It may help to use a panel popper when pulling the clips.**

Step 8: At this time, pull the intake tube off of the throttle body and pull up to remove entire factory intake.

INSTALL



Figure D

**Refer to Figure D for Step 9**

Step 9: Transfer factory rubber grommets to aFe housing as shown (7).

**Figure E****Refer to Figure E for Steps 10-12**

Step 10: To remove the temperature sensor from the factory tube, twist counter-clockwise and carefully pull. Do not damage sensor. Remove the O-Ring.

Step 11: Insert the smaller diameter of the provided rubber grommet into the aFe tube ⑧.

Step 12: Insert temperature sensor into rubber grommet by carefully twisting and pushing ⑧.

**Note:** It may help to use a small amount of lubricant on the inside of the rubber grommet.

**Figure F****Refer to Figure F for Steps 13-15**

Step 13: Pre assemble the housing as shown by inserting the aFe filter into the housing and tightening the large t-bolt clamp using your 11mm nut driver (9).

Step 14: Install the housing assembly into the vehicle. It may help to align the back rubber grommet with your hand first and the others will follow.

Step 15: Slip the smaller t-bolt clamp over the filter flange but do not tighten at this time.



**Figure G**

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

Step 16: Slip one band clamp over the provided silicone hump coupler and slide over the throttle body. Tighten clamp using 8mm nut driver. Slip remaining band clamp over the other end of the coupler but do not tighten at this time.

Step 17: Insert tube into filter as shown. Rotate tube down and insert other end into hump coupler. Align the tube to the filter and coupler, then tighten all clamps at this time ⑩.

**Figure H****Refer to Figure H for Steps 18-22**

Step 18: Reconnect temperature sensor harness.

Step 19: Reinstall engine cover.

Step 20: Reconnect crank case vent hose to aFe tube at this time.

Step 21: Reinstall the rubber trim seal into factory locations and onto the aFe housing.

Step 22: Verify all connections are secured. Your installation is now complete.

\*Verify all connections are secure 100-200 miles after installation.  
Do not discard your original components.



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Pro DRY S Air Filter



P/N: 21-91062

Pro 5R Air Filter



P/N: 24-91062

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

Gold Aerosol Restore Kit



P/N: 90-50000

Gold Squeeze Restore Kit



P/N: 90-50500

aFe Power Hat



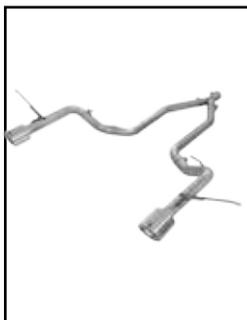
P/N: 40-10083

DPF-Back Exhaust



P/N: 49-46234

DPF-Back Exhaust



P/N: 49-46235

Oil Filter



P/N: 44-LF008

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to [aFepower.com](http://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 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"), email [RGA@afepower.com](mailto: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.



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