



advanced FLOW engineering

Instruction Manual P/N: 51-32572 / 54-32572

Make: **RAM** Model: **1500 EcoDiesel** Year: **2014-2019** Engine: **V6-3.0L (td)**



- 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	21-90085
A2	1	Pro 5R Air Filter	24-90085
B	2	Clamp (2-9/16"-3-1/2")	03-50007
C	2	Nut, M6 x 1.0	03-50185
D	2	Screw, M6 x 20mm	03-50422
E	1	Seal, Trim (29.25")	05-00072
F	1	Coupling, Silicone 3"ID x 45 Deg.	05-01259
G	1	Tube	05-32572B1
H	1	Housing	05-32572B2

Installation will require the following tools:

Phillips Head Screw Driver, Ratchet 1/4", 10mm Socket, Torx 25, 8mm Nut Driver, Panel Popper.

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.

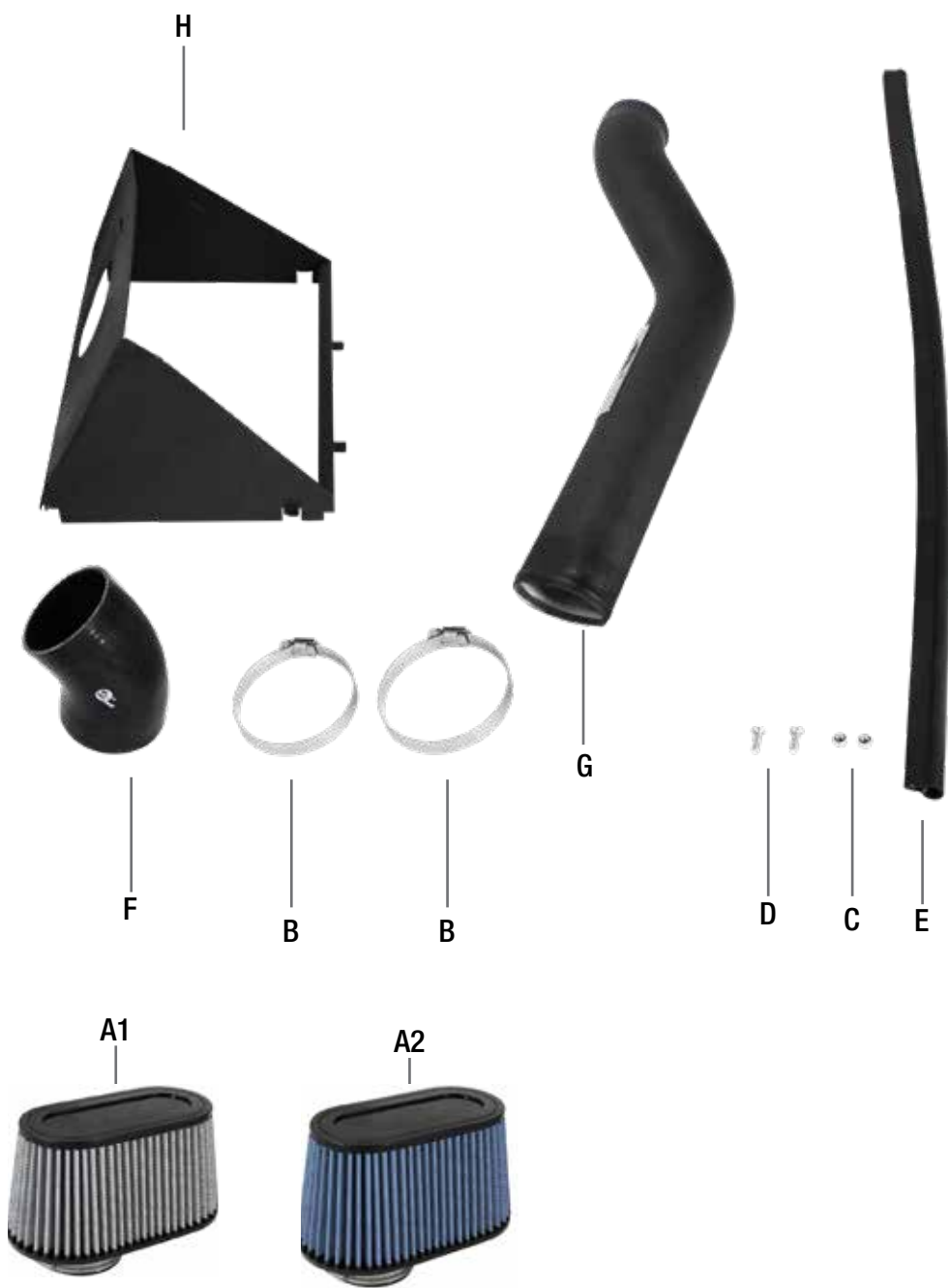




Figure A

Refer to Figure A for steps 1-6

Step 1: Remove the engine cover by lifting it upward and forward off the engine.

Step 2: Disconnect the MAF (Mass Air Flow) sensor wire harness. ①

Step 3: Loosen the hose clamp at the MAF sensor. ②

Step 4: Un-tab the top portion of the stock filter housing.

Step 5: Remove the top portion of air filter housing by pulling straight up and out of the vehicle. ③

Step 6: Remove Stock Filter from lower portion of the stock housing.



Figure B

Refer to Figure B for steps 7-8

Step 7: Underneath cowl loosen the stock intake clamp from the turbo side. ④

Step 8: Remove the stock intake by pulling up and out towards you, off its mounting peg.

**Figure C****Refer to Figure C for steps 9-11**

Step 9: Remove MAF sensor and O-ring from top portion of the stock housing.

Step 10: Install the MAF sensor on aFe housing with two (2) each countersunk phillips screws and nylon lock nuts.

Step 11: Install the seal trim on the top edges of aFe housing then install the filter.



Figure D

Refer to Figure D for steps 12-15

Step 12: Install assembled aFe housing on vehicle.

Step 13: Use the factory clips to secure the aFe housing down to the vehicle.

Step 14: Install aFe coupling.

Step 15: Install clamps but only tighten MAF sensor side.



Figure E

Refer to Figure E for steps 16-17

Step 16: Install the aFe intake tube. (Turbo inlet side first).

Step 17: Adjust aFe intake tube for proper fitment then tighten clamps.



Figure F

Refer to Figure F for steps 18-20

Step 18: Re-Connect MAF sensor harness.

Step 19: Re-install engine cover.

Step 20: Installation is now complete.

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



Pro DRY S Air Filter



P/N: 21-90085

PRO 5R Air Filter



P/N: 24-90085

Pro-GUARD 7 Air Filter



P/N: 72-90085

Blue Aerosol Restore Kit



P/N: 90-50001

Blue Squeeze Restore Kit



P/N: 90-50501

3" DPF-Back Exhaust



P/N: 49-42044-B (Blk Tips)
49-42044-P (Pol Tips)

Rear Differential Cover



P/N: 46-70272 (Blk/Machined)
46-70270 (RAW)

Intercooler Tubes



P/N: 46-20174-B

SCORCHER HD Module



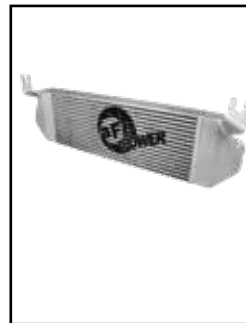
P/N: 77-42010

DFS780 Fuel System



P/N: 42-12041

Intercooler



P/N: 46-20171

Oil Filter



P/N: 44-LF035-MB

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.



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