

advanced FLOW engineering

Instruction Manual P/N: 46-79001

Make: **Jeep** Model: **Wrangler (JK)** Year: **2007-2018**



- 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
A	1	Glide Guard, Compressor Mount	05-60447
B	2	Bracket, Nut Plate	05-60446
C	4	Screw, Hex Cap 1/2-13 x 1 1/2	03-50439
D	8	Washer, Split Lock 1/2	03-50435
E	4	Screw, Hex Hd 1/2 - 13 x 4 1/2	03-50440
F	4	Nut, Hex 1/2 - 13	03-50441
G	8	Screw, Flat HD M6 - 1 x 20mm	03-50438
H	8	Washer, Flat 1/2 x 1	03-50419

Tools Required: 18mm Wrench, 3/4" Socket, ratchet and extensions, 4mm hex key (allen)

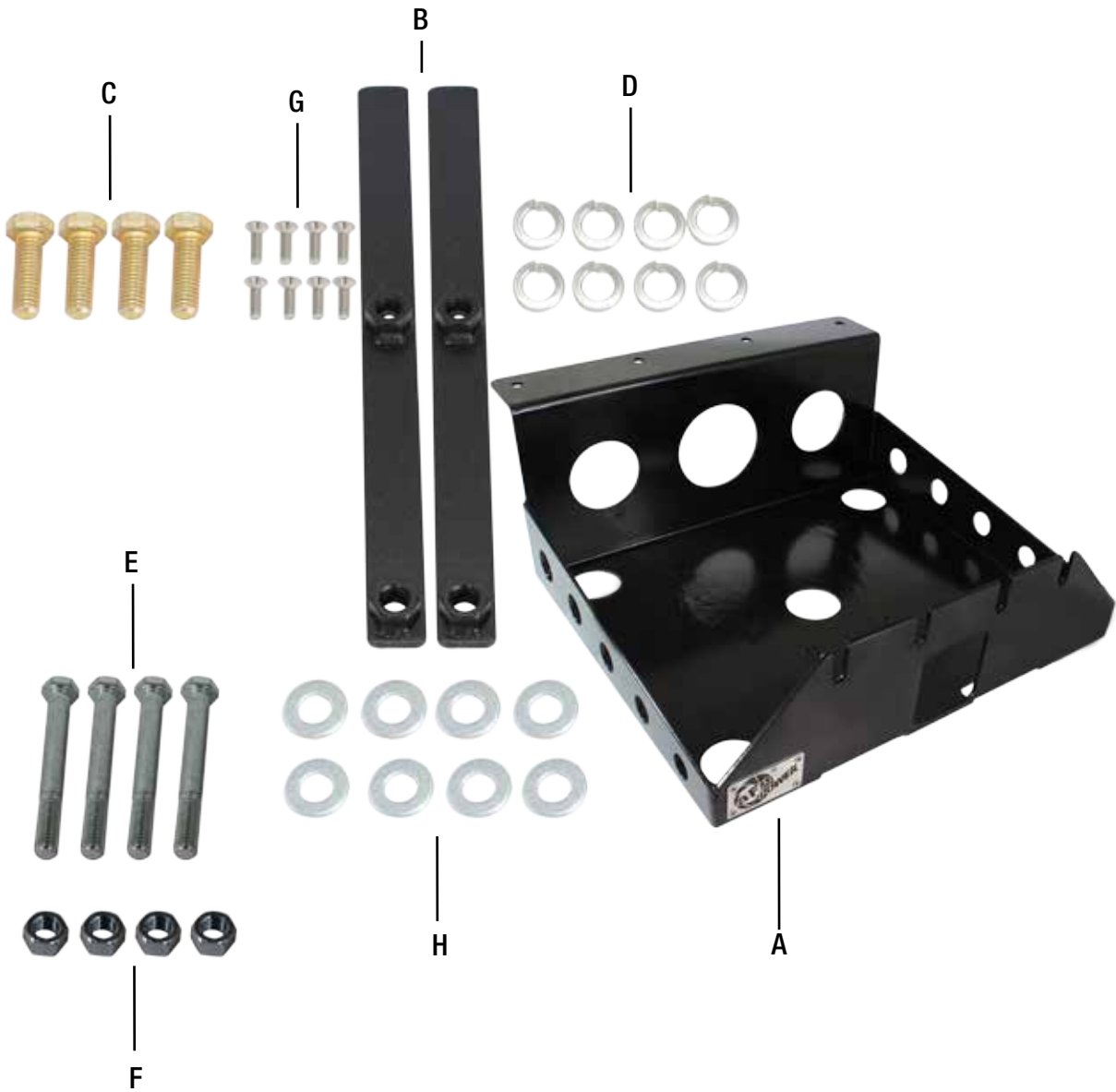




Figure A

Refer to Figure A for Steps 1-2

1. Loosen but do not remove the 4 factory receiver hitch bolts located on the inside of the rear crossmember.
2. Temporarily install the aFe Glide Guard over the 4 bolts in the receiver hitch and mark the 4 mounting hole locations at the front of the aFe Glide Guard. If not equipped with a hitch, use the (4) 1/2 x 4-1/2 long screws, flat washers, lock washers and nuts.



Figure B

Refer to Figure B for Step 3

3. Remove the aFe Glide Guard. Center punch the 4 holes marked in Step 2 and drill the crossmember using a 1/2" drill bit.

**Figure C****Refer to Figure C for Steps 4-5**

4. Now is the time to install the compressor, tank and related components. A 90mm x 110mm hole pattern is provided for the air tank, with M6 countersunk screws. A 60mm x 225mm hole pattern is provided for the compressor, with M6 countersunk screws, other patterns may be drilled as necessary. Different components may require different hardware. No electrical or air lines are provided in this kit.
5. Install the aFe Glide Guard by sliding it over the 4 receiver hitch bolts or supplied bolts. Using a floor jack, apply pressure to the bottom side of the aFe Glide Guard to hold it in place.

INSTALL



Figure D

Refer to Figure D for Step 6

6. Locate the 2 nut tabs supplied. Install both nut tabs inside the cross member above the 4 holes drilled in Step 3.

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

7. Hold the assembly in place with a floor jack and install the (4) short front mounting 1/2 bolts, lock washers, and flat washers.
8. Recheck fasteners for tightness periodically depending on severity of usage. Installation is complete! Enjoy your product.

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Differential Cover



P/N: 46-70162

Programmer



P/N: 77-46201-1

Programmer



P/N: 77-46202

Exhaust System



P/N: 49-08041

Air Intake



P/N: 54-76203

Air Intake



P/N: 54-81252

Oil Filter



P/N: 44-LF014

Twisted Steel Headers



P/N: 48-46203

Exhaust System



P/N: 49-46222

Magnum Force Intake System



P/N: 54-11252-2

Air Intake



P/N: F2-06202

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

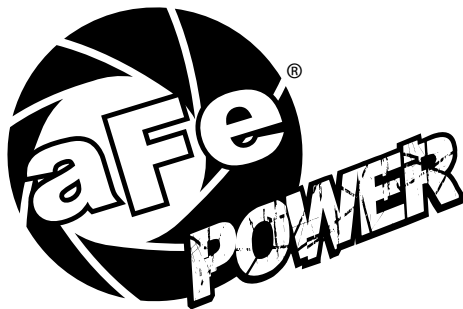
Warranty

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 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 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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