

## advanced FLOW engineering

### **Instruction Manual** P/N: 46-79001

Make: **Jeep** Model: **Wrangler JK** Year: **2007-2014**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components.
- 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)

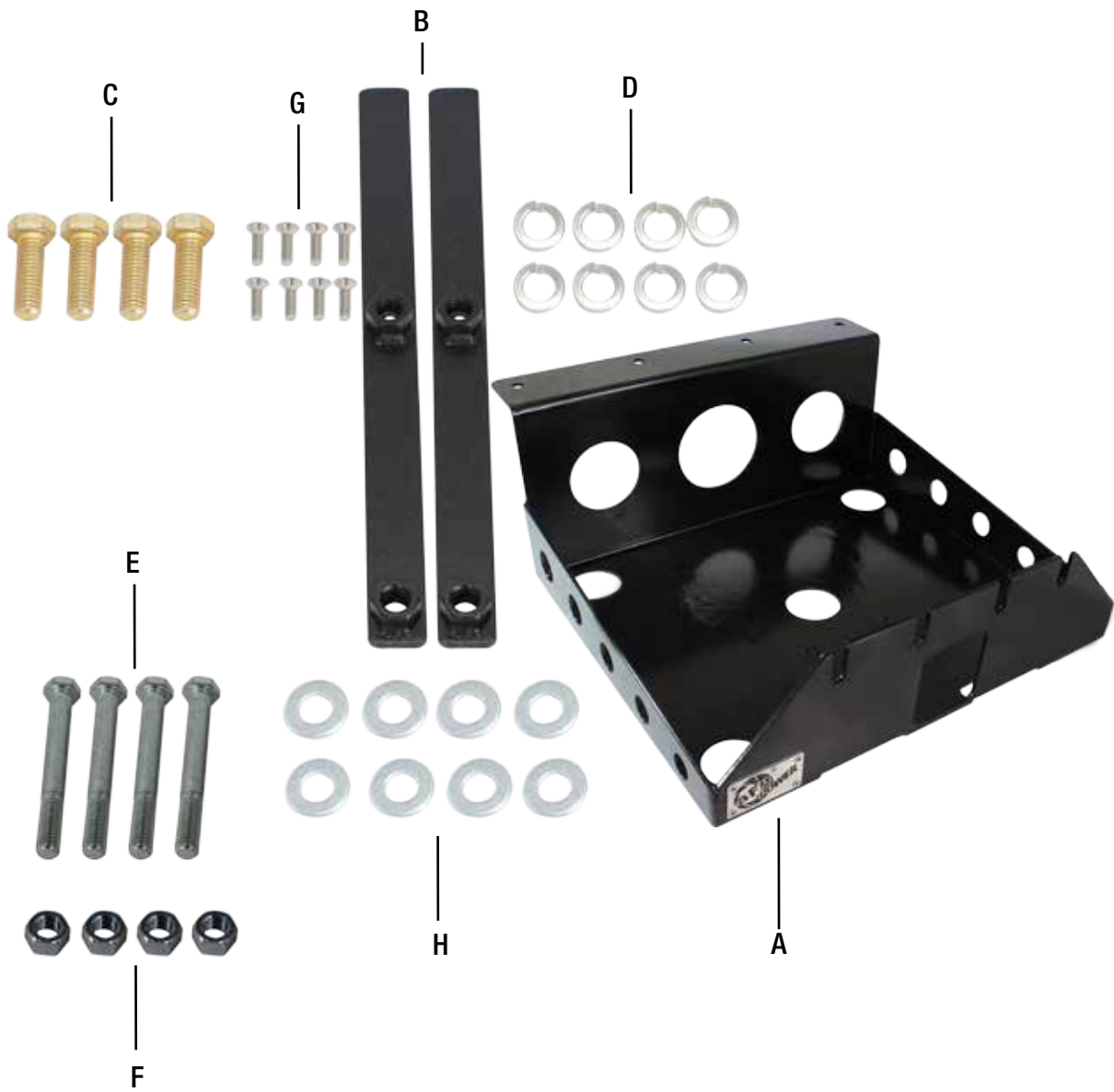




Figure A

**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.

REMOVAL



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.



**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.





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