

advanced FLOW engineering

Magnum FORCE Stage-2 Cold Air Intake System

Instruction Manual P/N: 51-12092-1 / 54-12092-1 / 75-12092-1

Make: Jeep Model: Wrangler (JK) Year: 2012-2018 Engine: V6-3.6L

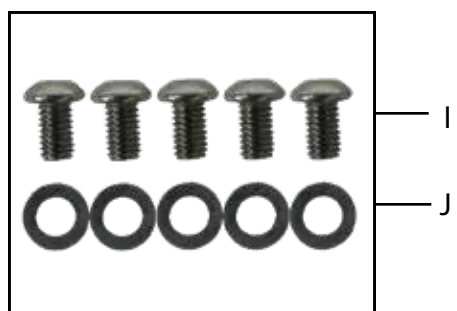
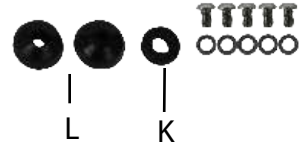
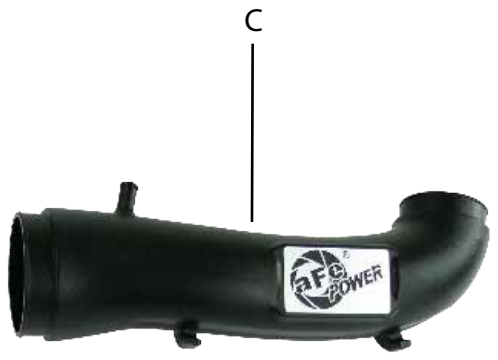
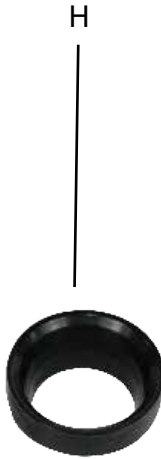


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.

NOTE: Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Pro DRY S Air Filter	21-90045 (Gray Media) (Kit # 51-12092-1)
A2	1	Pro 5R Air Filter	24-91031 (Blue Media) (Kit # 54-12092-1)
A3	1	Pro-GUARD 7 Air Filter	72-90045 (Yellow Media) (Kit # 75-12092-1)
B	1	Housing	05-12092B1
C	1	Tube	05-12092B3
D	1	Coupling Straight	05-01223
E	1	Coupling Hump	05-01462
F	2	Clamp #052	03-50008
G	2	Clamp #072	03-50010
H	1	Adaptor	05-00611
I	5	Button Head Screw	03-50113
J	5	Washer, Wavy	03-50058
K	1	Grommet	03-50076
L	2	Urethane Spacer	05-01215
M	1	Seal Trim (24.5 Inches)	05-00072
N	1	Hose (9 Inches)	05-00069

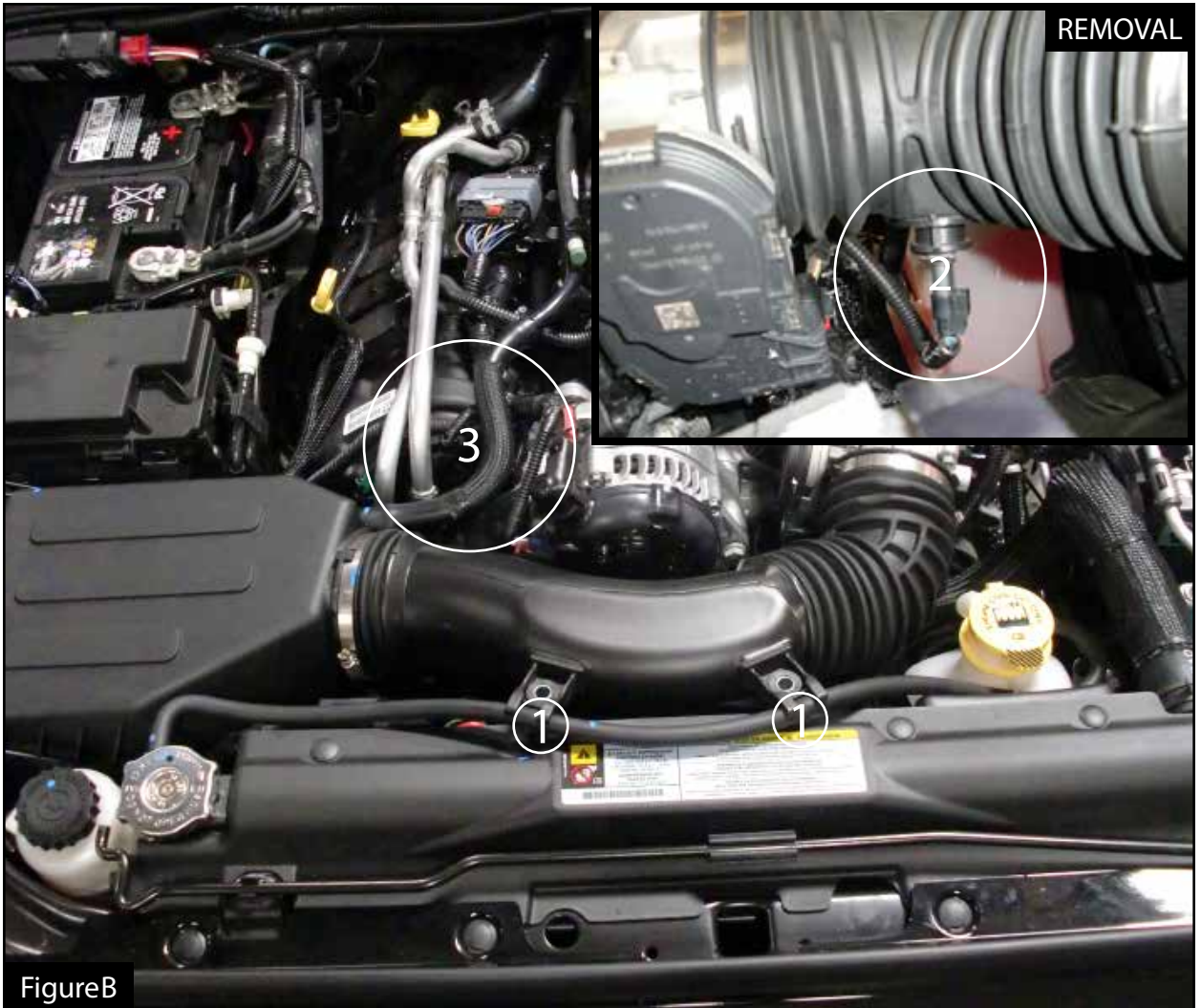
Warranty Information available at: <https://afepower.com/contact#warranty>





FigureA

Refer to Figure A for Step 1
Step 1: Remove the engine cover.



Refer to Figure B for Steps 2-6

Step 2: Remove the two 10mm bolts from the intake tube. ①

Step 3: Disconnect the temp sensor wire harness. ②

Step 4: Loosen the hose clamp at the throttle body.

Step 5: Completely remove the small section of crankcase vent (CCV) hose. It should be pulled off of the air filter housing and the tube to the engine. ③

Step 6: Remove the stock intake tube, and air filter housing by pulling straight up and out of the vehicle.



FigureC

Refer to Figure C for Step 7

Step 7: Twist the temp sensor about 45 degrees counter-clockwise and pull it straight up to remove from stock tube.



FigureD

Refer to Figure D for Step 8

Step 8: Remove the 10mm bolt that secures the plastic tray onto the inner fender, but do not remove the plastic tray.



Figure E

Refer to Figure E for Step 9

Step 9: Install the air filter adaptor in the housing and secure using the 5 washers and 5 screws provided.

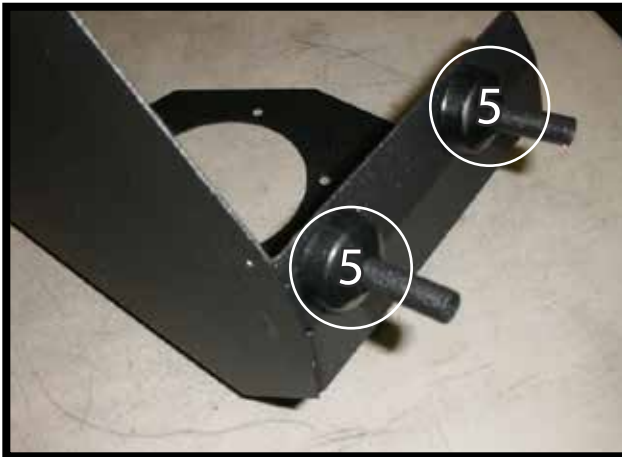


Figure F

Refer to Figure F for Steps 10-12

Step 10: Install the trim seal on the housing.

Step 11: Install the two spacers on the pegs located on the bottom of the housing. (5)

Step 12: Install the assembled housing into the vehicle as shown. Secure the housing using the OE bolt removed from Step 8.



Figure G

Refer to Figure G for Steps 13-14

Step 13: Insert the provided grommet into the new aFe intake tube.

Step 14: Insert the OE temp sensor into the grommet.



Figure H

Refer to Figure H for Steps 15-19

Step 15: Install the provided couplings and clamps onto the vehicle. The straight coupling (05-00419) goes on the throttle body. The hump coupling (05-00794) goes on the air filter adaptor.

Step 16: Install the intake tube as shown. Align the tube so that the coolant return line runs above the fan shroud.

Step 17: Plug in the temp sensor harness. ⑥

Step 18: Install the new CCV hose. (Note: Use lubricant on the outside of the OE tube)

Step 19: Snap the coolant line into the clips on the front of the aFe intake tube.



Figure I

Refer to Figure I for Steps 20-23

Step 20: Install the aFe high performance air filter.

Step 21: Tighten all clamps.

Step 22: Reinstall the engine cover

Step 23: Your installation is now complete

NOTE: Retighten all connections after approximately 100-200 miles.
Place the included CARB EO sticker on or near the device on a smooth, clean surface.
EO identification label is required to pass the smog inspection.

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