



advanced FLOW engineering
Instruction Manual P/N: 51-32413-E

Make: **RAM** Model: **2500/3500 HD** Year: **2013-2015** Engine: **L6-6.7L (td)**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- 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	Air Filter (Pro DRY S)	21-91064
B	1	Tube	05-32412B1
C	1	Housing	05-32412B2
D	1	Seal Trim 3/4" x 25" (26" inches)	05-00007
E	2	M4 x 0.7 x 10 Screw	03-50221
F	3	Panel Nut 1/4-20	03-50389
G	3	Screw 1/4-20 Hex	03-50100
H	1	Cover	05-32412B3
I	1	M4 x 0.7 x 16 Screw	03-50030
J	1	aFe Diesel Hat	40-10169
K	1	12 oz. Cleaner Spray	90-10011





Figure A

Refer to Figure A for Steps 1-2

Step 1: Remove sensor retaining screws and wire harness tie from filter cover.

Step 2: Remove sensors from cover and lay aside. **Do not disconnect sensors from harness during installation, as this will cause a check engine light** (1).



Figure B

Refer to Figure B for Step 3

Step 3: Loosen 3 screws that hold down the cover. Two of the screws will be used on the new filter housing ②.



Figure C

Refer to Figure C for Step 4

Step 4: Loosen the upper band clamp on the turbo inlet elbow. Then remove the filter cover, tube, and filter. Do not discard (3).



Figure D

Refer to Figure D for Step 5

Step 5: Pre-assemble filter into housing. Make sure housing is seated in filter retention groove. Install large end of your new intake tube into filter and temporarily tighten (4).



Figure E

Refer to Figure E for Step 6

Step 6: Drop housing and tube assembly into place and fasten housing with the two original screws (5).



Figure F

Refer to Figure F for Step 7

Step 7: Install sensors (**Note: Do not disconnect the sensors from the harness**). Do not overtighten.

Use the longer screw for the MAP sensor (6) and use the two short screws for the MAF sensor (7). Tighten upper band clamp on turbo inlet elbow.

**Figure G****Refer to Figure G for Step 8**

Step 8: The filter band clamp can now be loosened and filter rotated for final positioning if needed.

Step 9: Install the provided trim seal on the upper edge of housing. It can be trimmed with wire cutters if necessary. Note: There is also an optional cover (Only included in kits 51/54/75-32413 or purchased separately 54-32418) that can be used to enclose the filter if desired (As shown). To install cover, remove seal trim and place the cover onto the housing. Install the 3 panel nuts and screws to secure cover to housing (8).