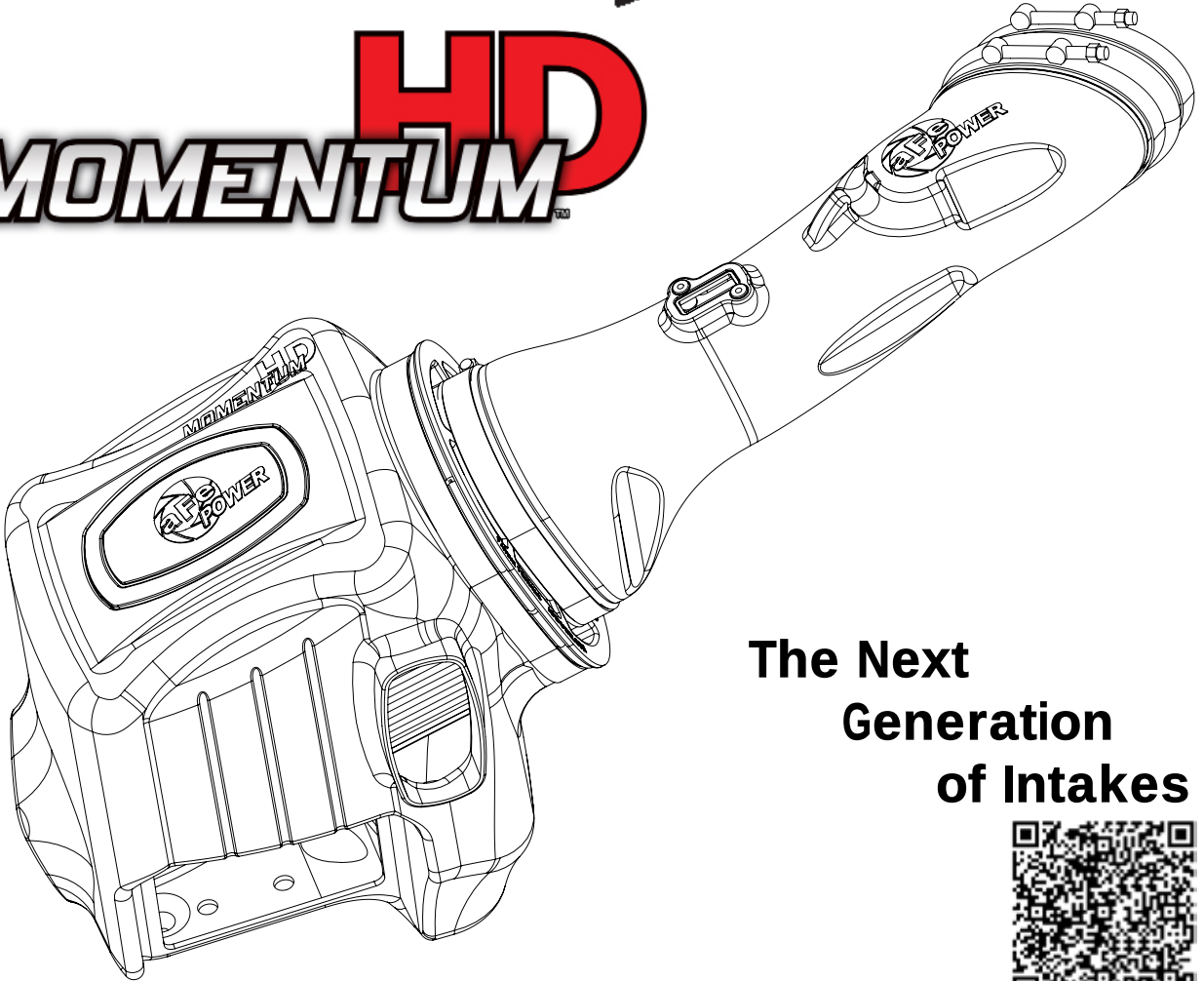




# MOMENTUM



**The Next  
Generation  
of Intakes**



**advanced FLOW engineering** Momentum Air Intake

**Instruction Manual** P/N: 50-73005-1 / 51-73005-1

Make: **FORD** Model: **F-250/350/450/550** Year: **2011-2016** Engine: **V8-6.7L (td) POWER STROKE**

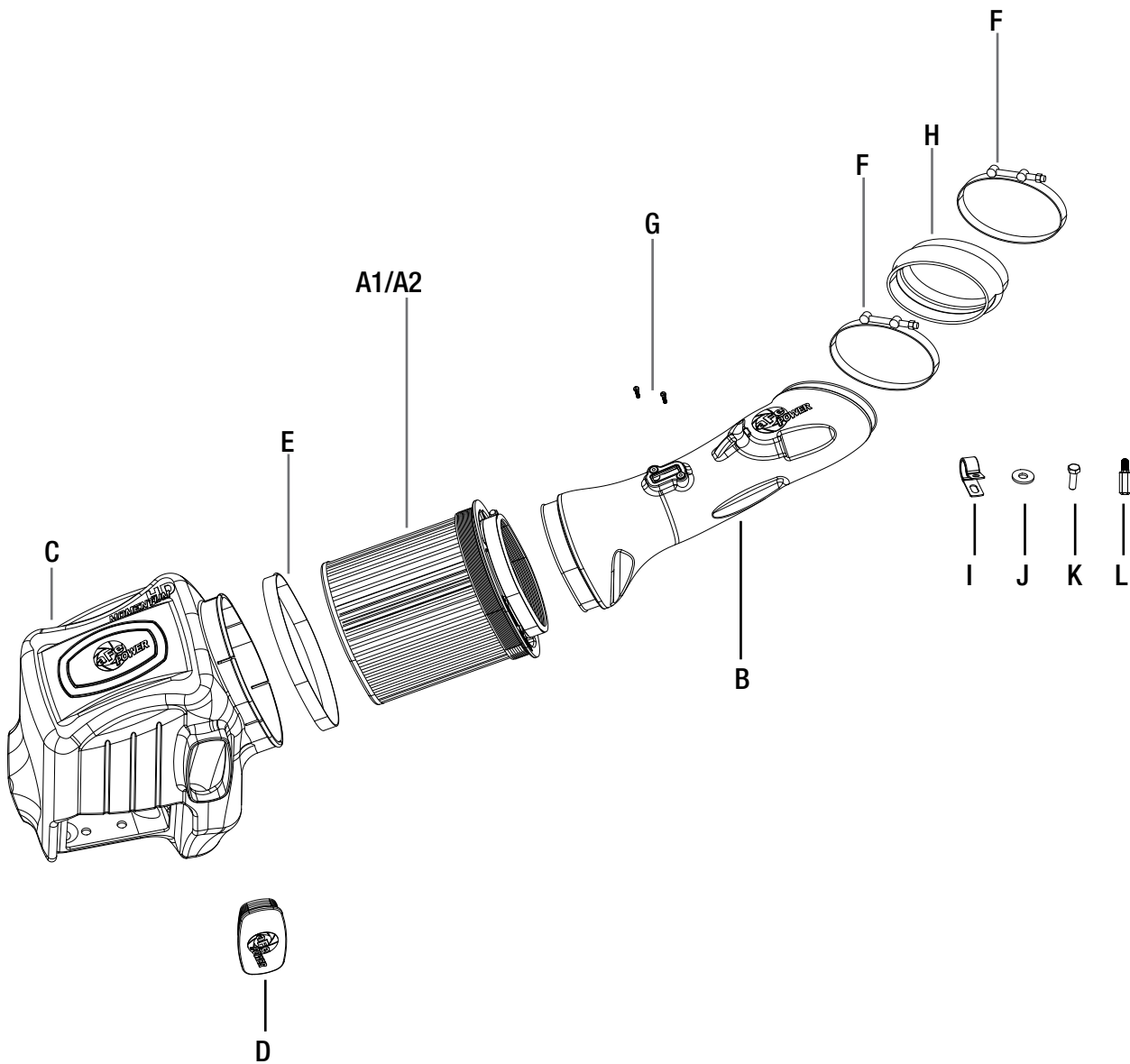


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call technical support at 951-493-7100 or e-mail [tech@afepower.com](mailto:tech@afepower.com).
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect both the negative battery terminal before proceeding.
- Retain factory parts for future use.

| Label | Qty. | Description             | Part Number           |
|-------|------|-------------------------|-----------------------|
| A1    | 1    | Air Filter (Pro DRY S)  | 21-91061 (51-73005-1) |
| A2    | 1    | Air Filter (Pro 10R)    | 20-91061 (50-73005-1) |
| B     | 1    | Tube                    | 05-73005B1            |
| C     | 1    | Housing                 | 05-73005B2            |
| D     | 1    | Plug, Urethane          | 05-01202              |
| E     | 1    | Clamp, T-Bolt (8-5/16") | 03-50267              |
| F     | 2    | Clamp, T-Bolt (5")      | 03-50261              |
| G     | 2    | Screw, M4               | 03-50034              |
| H     | 1    | Coupling, Silicone Hump | 05-01204              |
| I     | 1    | Fixing Clamp            | 03-50234              |
| J     | 1    | Flat Washer             | 03-50070              |
| K     | 1    | Hex Screw               | 03-50057              |
| L     | 1    | T20 Torx Bit            | 03-50066              |

Installation will require the following tools:  
8mm Nut driver, 10mm Nut driver and 1/4" driver.

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





### **Refer to Figure A for step 1**

Step 1: Take off the (2) 8mm screws securing the OE intake tube and filter box and loosen the band clamps.



Figure B

**Refer to Figure B for steps 2-3**

Step 2: Disconnect the wire harness clip from the filter housing and pull the red tab out on the flow sensor connector, then press the tab and pull off the sensor plug. Remove the MAF sensor from the tube with the provided T-20 Torx bit.

Step 3: Pull out the air box in an upward motion.



#### **Refer to Figure C for step 4**

Step 4: Slip all the hoses out of the way on the OE intake tube, loosen the clamps and remove the tube.





Figure D

**Refer to Figure D for steps 5-6**

Step 5: Take off the factory mounting grommet from the factory airbox and install it on the Momentum HD airbox.

Step 6: Slide filter into housing and install furnished T-bolt clamps. Tighten only the larger T-bolt clamp.



Figure E

**Refer to Figure E for step 7**

Step 7: Remove rubber inlet gasket from the factory airbox and install it on the Momentum HD airbox.





Figure F

**Refer to Figure F for step 8**

Step 8: Install the Momentum HD housing assembly into the truck by pushing it into the factory grommet.


**Figure G**

### **Refer to Figure G for steps 9-11**

- Step 9: Remove the filter minder and grommet (1) from the factory airbox and install them on the Momentum HD tube.
- Step 10: Install the Mass Air Flow sensor (2) removed at step 2 on the Momentum HD tube using furnished small hex screws.
- Step 11: Slide the silicone coupling (H) and T-bolt clamps (G) onto the small end of the tube. Do not tighten clamps at this time.



Figure H

### **Refer to Figure H for steps 12-14**

Step 12: Install Momentum HD tube by first sliding the coupling over the turbo inlet. Connect the other end to the air filter.

Step 13: Tighten all clamps.

Step 14: Snap the AC line into tube and secure factory hose with the fixing clamp (I), M6 screw (K) and washer (J).





Figure I

### Refer to Figure I for steps 15-17

Step 15: Re-install factory screw removed in step 1 next to battery (3) to secure Momentum HD airbox.

Step 16: Re-connect the MAF sensor (4). Route the wire harness as shown and secure it to the vehicle (5).

Step 17: Tighten all clamps and re-attach both negative battery terminals. Your installation is now completed.

*Use the furnished plug (B) to close off the front auxiliary air inlet to completely seal the airbox.*

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

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**advanced FLOW engineering, inc.**

252 Granite Street Corona, CA 92879

<https://afepower.com/contact>