



FEULING®

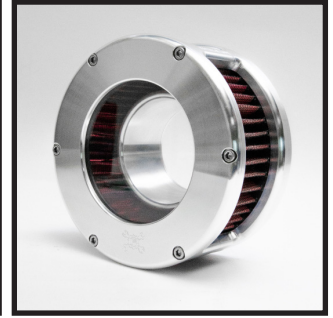
M-EIGHT AIR CLEANER KIT INSTALLATION INSTRUCTIONS



PART #S:
Velocity Stack Kits: 5401, 5402
Air Cleaner Kits: 5430, 5431,
5433, 5434, 5436, 5437

The 'BA' air cleaner features a high flow billet aluminum velocity stack with optimal opening & internal (ID) taper down to a direct match of the throttle body. The velocity stack is wrapped in a highflow washable air filter & encased with a one piece billet cage. The backing plate is setup with an optimized breather vent locations & uses the standard cylinder head breathers.

Impressive Horsepower & Torque gains on any engine and exceptional gains seen on engines running modified & ported cylinder heads & intakes with larger throttle bodies.



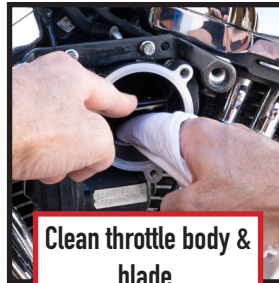
INSTRUCTIONS

1. Use the proper tools for installation. Clean the intake with a clean rag to ensure it is free of debris.



TOOLS:

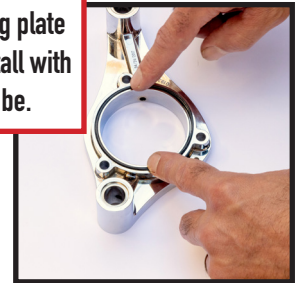
- 1.) Ratchet
- 2.) 5/32" Long Ball Allen
- 3.) 5/32" Allen Socket
- 4.) Extension
- 5.) 7/16" Socket



Clean throttle body & blade.



Lube backing plate O-ring & install with O-ring lube.



2. Clean breather hole surfaces. Lube inner and outer breather O-rings and install with O-ring lube.



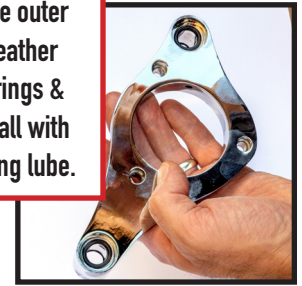
Clean breather hole surfaces.



Lube inner breather O-rings & install with O-ring lube.

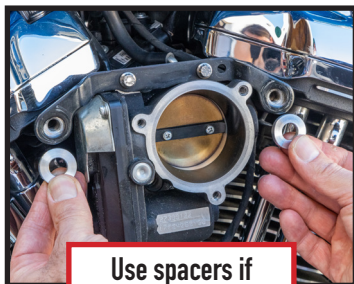


Lube outer breather O-rings & install with O-ring lube.



3. If throttle body bracket is removed, use included spacers. If bracket is present (preferred), no need to use the included spacers. Install breather bolts with red loctite on threads & O-ring lube on underhead flanges. Alternately tighten and torque breather bolts. Final torque to **22-24 ft/lbs.**

NOTE: While tightening breather bolts, it is advised to insert 2 or more velocity stack bolts to help center the backing plate.



Use spacers if throttle body bracket is removed.

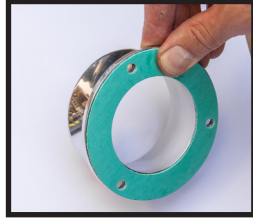


Final torque breather bolts to **22-24 ft/lbs.**



INSTALLING VELOCITY STACK ONLY:

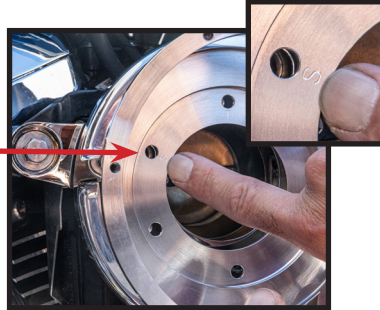
4. Apply red locrite to the velocity stack bolt threads. Attached velocity stack gasket and insert bolts through the bolt holes. Tighten and torque bolts evenly to a final torque of **72 in/lbs.**



5. On the inside of the filter cage, see "S" for Softail & "T" for Touring models. Align this bolt hole to the top left bolt hole of backing plate, this will clock the cage and logo properly. Install velocity stack, gaskets and bolts.

HARDWARE:
Velocity stack button heads:
 Qty. 3, 1/4"-20 x 1.500"
Cover bolts (Long):
 Socket head cap screw
 Qty. 3 10/32 x .750"
Cover bolts (Short):
 Socket head cap screw
 Qty. 3, 10/32 x .250"

**CLOCK
 CAGE
 WITH
 TOP
 LEFT
 BOLT
 HOLE**



TOURING

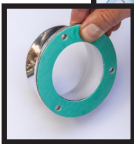
SOFTAIL



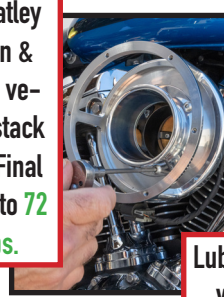
CLOCK AIR FILTER CAGE

6. Apply red locrite to the velocity stack bolt threads. Alternately tighten and torque the 1/4"-20 velocity stack bolts to a final torque of **72 in/lbs.** Lube both bases of the air filter to seal filter to cage & cover. Insert air filter into cage.

**Install velocity
 stack, gaskets
 and bolts.**

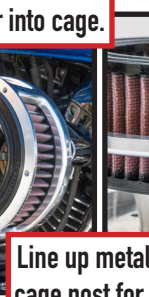
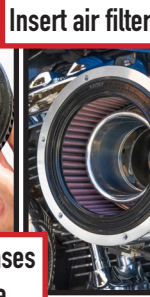


**Alternately
 tighten &
 torque ve-
 locity stack
 bolts. Final
 torque to **72
 in/lbs.****



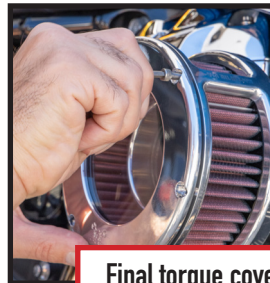
**Lube both filter bases
 with O-ring lube.**

Insert air filter into cage.



**Line up metal tab on filter with
 cage post for best appearance.**

7. Apply red locrite to the 10-32 cover bolt threads. Alternately tighten and torque to **30 in/lbs.**



Final torque cover bolts to **30 in/lbs.**

GO RIDE!

* STANDARD 1 YEAR WARRANTY:

- WARRANTY COVERS MANUFACTURE DEFECTS.
- DOES NOT COVER PARTS THAT HAVE FAILED DUE TO IMPROPER INSTALLATION, MAINTENANCE, EXCESSIVE CRANKSHAFT RUNOUT, OR MISUSE.
- DOES NOT COVER ANY CONSEQUENTIAL DAMAGE RESULTING FROM A FAILURE OF A FEULING PRODUCT.

* OPTIONAL 2 YEAR WARRANTY:

- ADDITIONAL YEAR WARRANTY IS ONLY AVAILABLE IF PARTS ARE INSTALLED BY A PROFESSIONAL INSTALLER.
- THE ONLINE WARRANTY FORM MUST BE COMPLETED BY THE DEALER PRIOR TO BIKE DELIVERY.
- OIL TANK MUST BE DROPPED & CLEANED.
- CRANKSHAFT RUNOUT MUST BE BELOW 0.005"

NOTE: FOR FULL WARRANTY INFORMATION VISIT WWW.FEULINGPARTS.COM/WARRANTY

