



FEULING®

AR INTAKE SYSTEM AIR CLEANER KIT
GEN-1 M8 TOURING INSTALLATION INSTRUCTIONS



FITS: M-EIGHT 17-24 TOURING
(EXCLUDES 23-24 FLHXSE,
FLTRXSE & 24 FLHX, FLTRX,
FLTRXSTSE)

PART #S: 5711, 5712, 5713, 5714, 5715, 5716, 5717, 5718

With years of experience designing improved cylinder heads, ports, combustion chambers and intake manifolds, Feuling brings light to a new bolt-on air cleaner design for Harley-Davidson motorcycles. The Feuling AR Intake System lengthens the intake and delivers increased velocity and volume into the intake track.



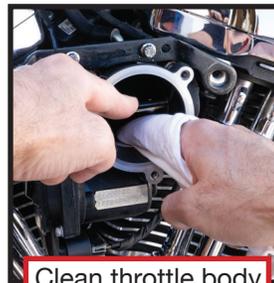
INSTRUCTIONS

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

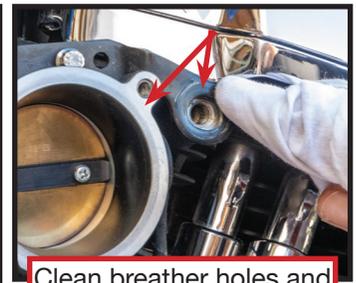


TOOLS:

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



Clean throttle body and blade.



Clean breather holes and throttle body surfaces

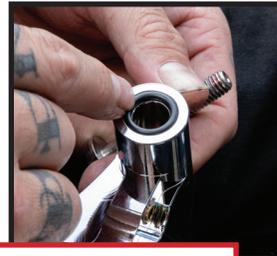
2. Lube and install inner and outer breather O-rings, use with O-ring lube.



Inner breather O-rings

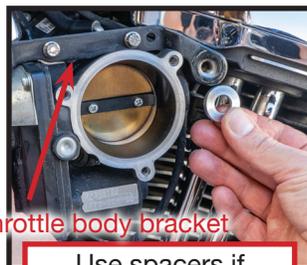


Lube and install inner and outer breather O-rings, use with O-ring lube.



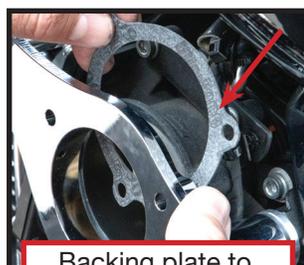
Install breather bolts with outer breather O-rings

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. Insert shoehorn mounting bolts to help center backing plate. Alternately tighten and torque breather bolts. Final torque to **22-24 ft/lbs.**

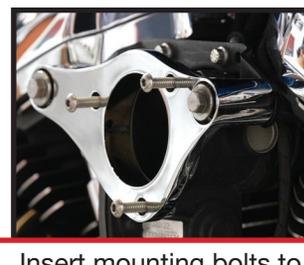


Throttle body bracket

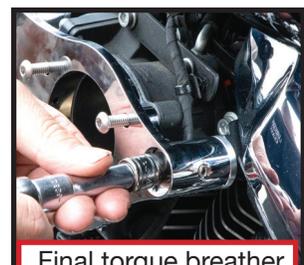
Use spacers if throttle body bracket is removed.



Backing plate to throttle body gasket



Insert mounting bolts to help center backing plate.



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

NOTE:

The velocity stack and air filter collar come pre-assembled (torqued with red Loctite) on the AR Intake

4. Apply red Loctite to the 3 mounting bolts. Insert the 3 bolts through the AR Intake mounting holes and place the gasket onto assembly. Start each of the 3 bolts by hand, then with the AR Intake pulled toward you, slowly tighten the upper right bolt. This will give you the most working room.



Insert the 3 bolts through the mounting holes and place the gasket onto assembly



Use painters tape for protection when installing the upper right bolt



Tighten the other 2 bolts then final torque all 3 bolts to 72 in/lbs.

5. Install air filter. Be sure hose clamp fastening head is pointing down and pushed toward the engine as far as possible, this will help hide hose clamp when the bike is on its kickstand. Align Feuling logo on the end of the filter level with the motorcycle. Snug up the hose clamp (do not over tighten – this will squeeze the filter off housing)



*** 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