



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## **Engine Breather Upgrade Kit** **PART# - RY19040-12-EBUK-1**

We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original clamps, hoses and hardware removed in the disassembly process will be used in the installation process. These instructions have been written in point form and refer to illustrations. Please follow these step-by-step instructions and illustrations carefully.

**APPLICATION(S):** 2012 & Newer Yamaha 1.8L Engines

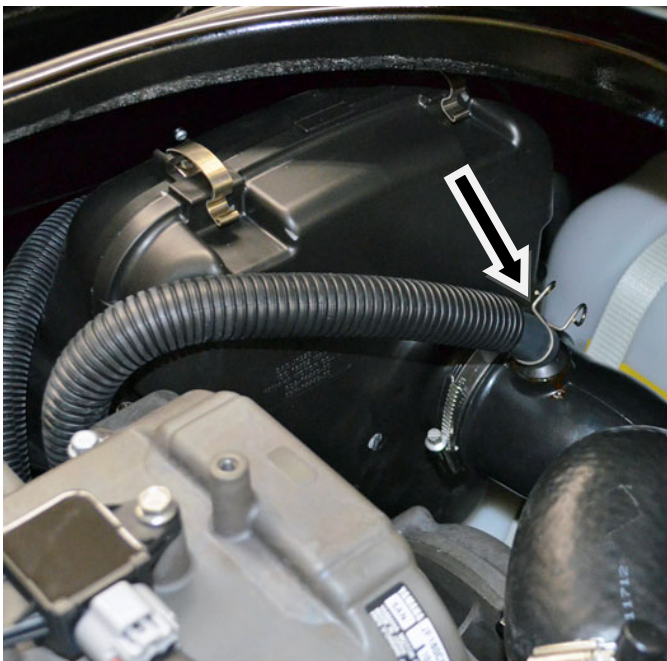
**\*\*\* ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION \*\*\***

Remove seat(s).

### **Supercharged Engines Only:**

Remove plastic engine cover (2 screws).

Disconnect engine breather hose from air intake system.



**NOTE:** If retaining stock air intake system leave barbed fitting in hose between air box and supercharger or throttle body.

### **Stock Air Intake & RIVA Power Filter Kits Only:**

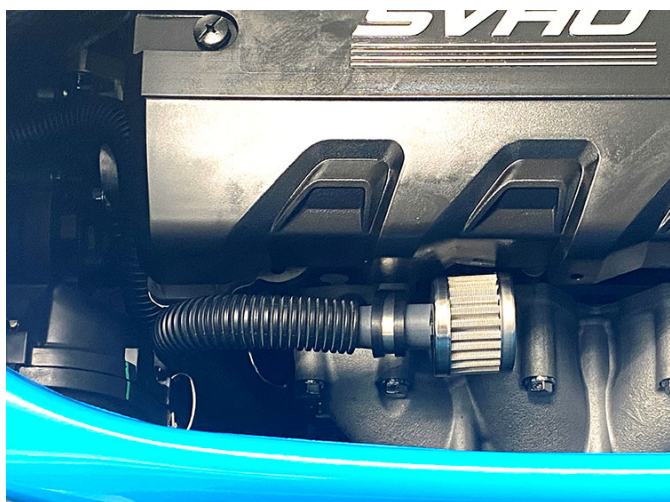
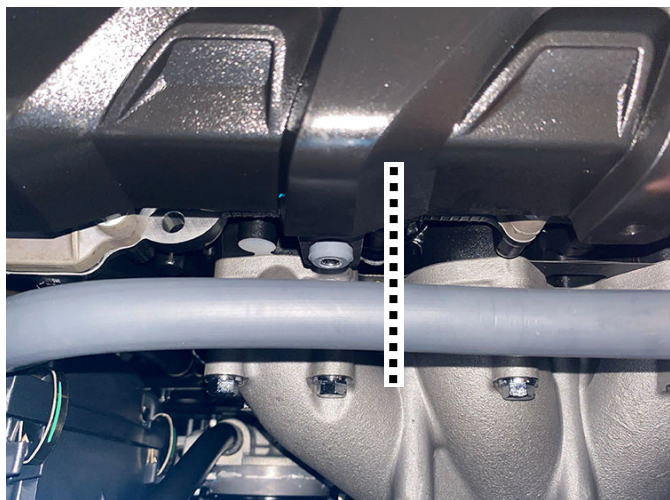
Install applicable supplied vinyl cap onto engine breather fitting in air intake tube (OEM shown). Secure using supplied zip tie.



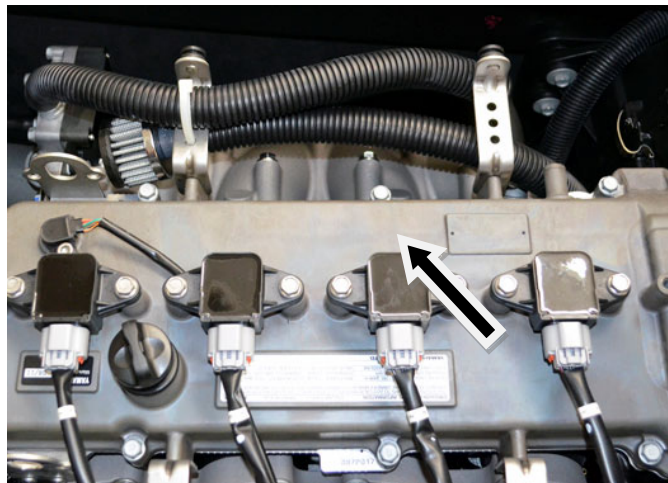
Install supplied filter into open end of engine breather hose. Secure using stock spring clamp.

Route hose towards rear of craft above exhaust manifold. Secure to engine using either of the following two methods on the next page.

**Narrow Engine Covers:** Secure to engine cover grommet bolt using supplied cushion clamp. Align hose with grommet and trim at point noted in reference image below. **NOTE:** Cushion clamp will be used to secure supplied filter in hose and hose to engine. **Apply blue Loctite to bolt. Do not overtighten.**



**Wide Engine Covers:** Secure to underside of bracket using reusable OEM zip tie. **NOTE: Ensure end of protective plastic sheathing is pulled up against spring clamp.**



Replace plastic engine cover. **NOTE: Apply blue Loctite to screws. Do not over tighten.**

Check bilge for tools, rags, etc.

Run craft on a flush kit to check for proper operation.

***Remember, the water belongs to everyone.  
Please ride responsibly and respect the environment!***

#### **Technical Support**

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact: RIVA Technical Support directly at (954) 247-0705 or by e-mail at [tech\\_support@rivaracing.com](mailto:tech_support@rivaracing.com).

#### **Limited Warranty**

RIVA Engine Breather Kits carry a 6-month limited warranty to the original purchaser. They are warranted to be free of defects in materials and workmanship under normal use and service. Customer modified components will be void of warranty. This warranty is limited to defects in the primary components only. Finish and/or wear marks in or on primary components are not covered under this warranty.

RIVA Racing's liability is expressly limited to the repair or replacement of the components contained within or associated with this kit. RIVA Racing agrees to repair or at RIVA's option, replace any defective unit without charge, if product is returned to RIVA Racing freight prepaid within the warranty period. Any equipment returned which, in RIVA's opinion, has been subjected to misuse, abuse, overheating or accident shall not be covered by this warranty.

RIVA Racing shall have no liability for special, incidental or consequential damages or injury to persons or property from any cause arising from the sale, installation or use of this product.

No other warranty, express or implied, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose, applies. Various states do not allow for the limitation of incidental or consequential damages and therefore the above exclusion or limitation may not apply to you.

Warranty does not include the expenses related to freight or transportation of parts or compensation for any inconvenience or loss of use while being repaired. A copy of the original invoice and a Return Authorization Number (RA#) must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.