



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## **Performance Power Filter Kit**

*RK13085-KIT*

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.

**NOTE:** These installation instructions are broken up into 2 sections.

**Section 1** is for **Ultra LX** applications (**non-supercharged model**) and begins on page 2.

**Section 2** is for **STX-12F & STX-15F** applications and begins on page 4.

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

**\*\*\* NO SMOKING \*\*\* NO SMOKING \*\*\* NO SMOKING \*\*\***

**Caution:** Whenever using electric or battery-operated tools inside the hull be sure it is well ventilated, and no fumes are present. Failure to do so could result in a fire, or explosion and serious personal injury or death.

**This kit is not intended for use on pollution-controlled vehicles. Installation on pollution-controlled vehicles may constitute a violation of state or local statutes.**

## **SECTION 1: KAWASAKI ULTRA LX INSTALLATION INSTRUCTIONS**

1. Remove rear storage tray. (see illustration #1) **Tip:** Cover studs for storage tray with several pieces of tape to prevent injury while performing installation.
2. Remove gray vent hose between catch can and front of OE air box. (see illustration #2) Retain for use later during installation process.
3. Loosen clamp securing hose to throttle body air inlet. (see illustration #2) Remove OE air box with black valve cover vent hose attached and discard.
4. Install curved end of previously removed gray vent hose onto oil tank and secure with OE spring clamp. Install supplied vent filter with barbed fitting into end of gray vent hose and secure using supplied zip tie. (see illustration #3)
5. Models equipped with valve cover vent caps, install second supplied vent filter onto T-fitting between valve cover breather hoses and secure. (see illustration #3)
6. Secure gray vent hose to black valve cover vent hoses with supplied zip ties. (see illustration #3)
7. Install supplied Power Filter onto throttle body and secure. (see illustration #1) **NOTE: Do not over tighten clamp.**
8. Install supplied pre-filter over Power Filter. **NOTE: Failure to do so will lead to serious internal engine damage.** (see illustration #3)

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

### **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 Performance Power Filters carry a 1-year 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 must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.

## - KAWASAKI ULTRA LX INSTALLATION IMAGES -

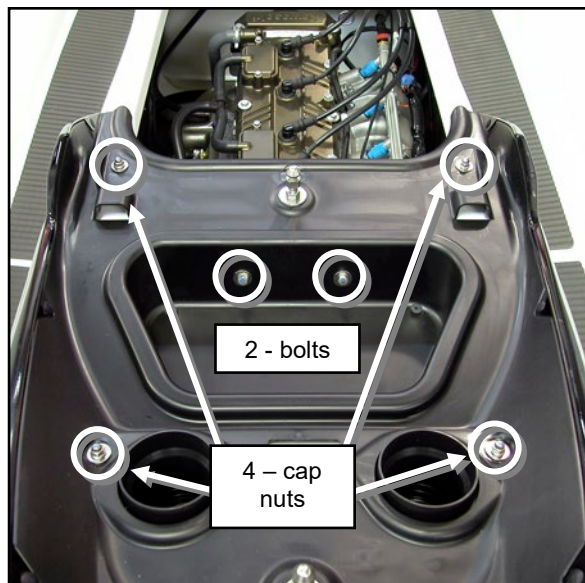


Illustration #1

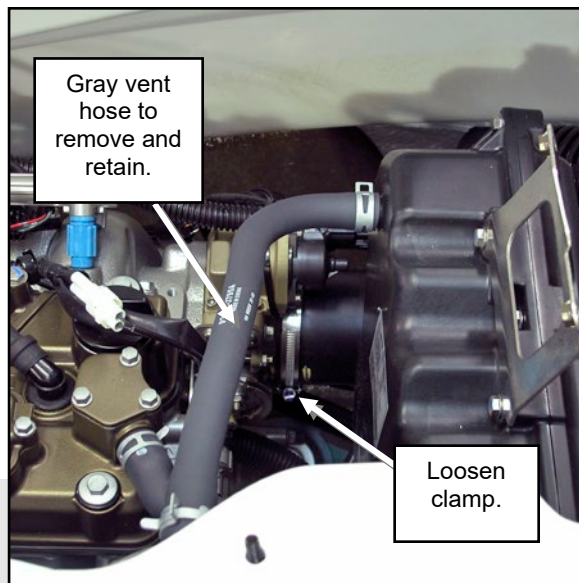


Illustration #2

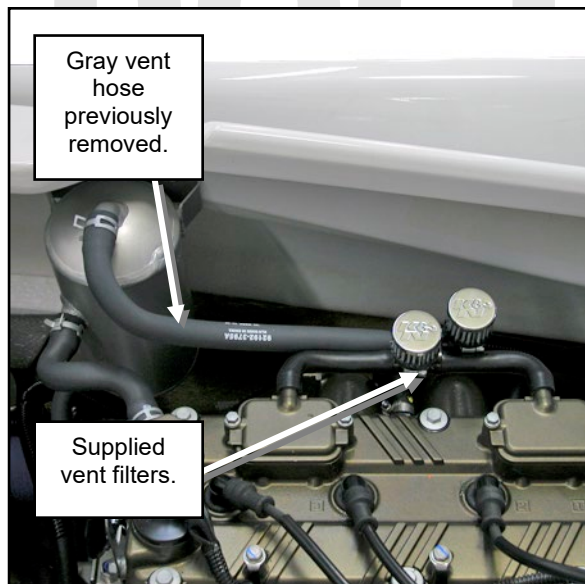


Illustration #3

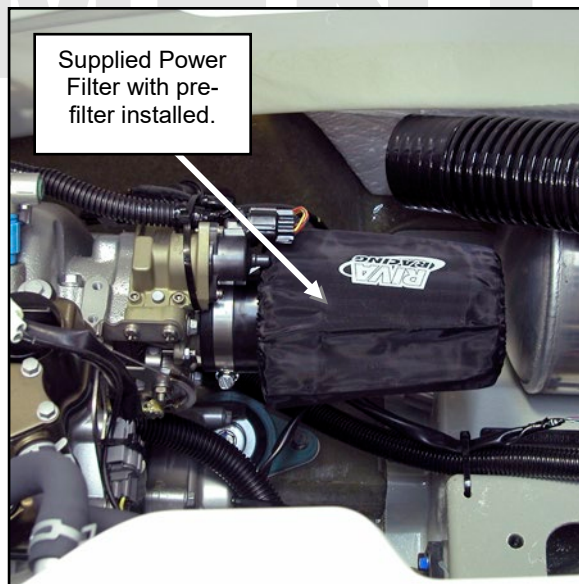


Illustration #4

## **SECTION 2: KAWASAKI STX-12F/STX-15F INSTALLATION INSTRUCTIONS**

1. Turn ignition off, remove lanyard, disconnect battery cables and remove battery.
2. Remove OE air filter assembly following steps outlined in section 3-64 of Kawasaki service manual. **NOTE: Do not remove oil separator tank. Retain hoses connecting oil separator tank to air filter.**
3. Thoroughly clean flange on throttle body assembly using a **non-residual** cleaner.
4. Install supplied Power Filter onto throttle body and secure. (see illustration #1) **NOTE: Do not over tighten clamp.**
5. Install supplied pre-filter over Power Filter. **NOTE: Failure to do so will lead to serious internal engine damage.**
6. Install one supplied breather filter onto 'T' fitting between valve cover breather hoses. Install supplied breather filter with plastic elbow into end of breather hose from fitting at top of oil separator tank. Reroute breather hose from top of oil separator tank to run under valve cover breather hoses. (see illustration #2) Secure using supplied zip ties.  
**NOTE: Do not over tighten clamps.**

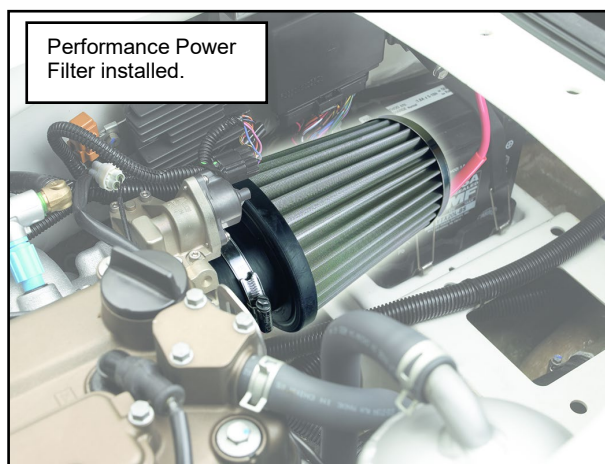


Illustration #1

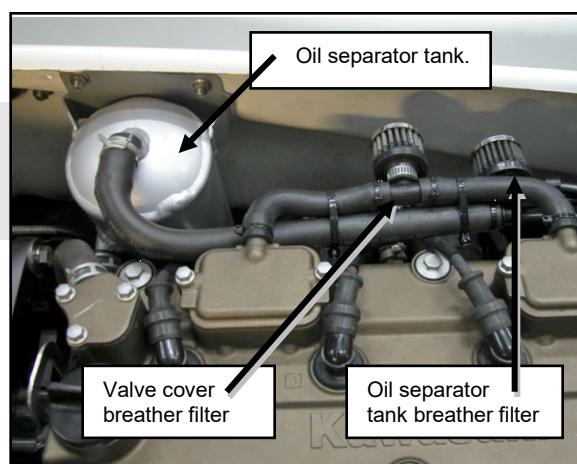


Illustration #2

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