



## Power Filter Kit **PART# - RS13100-S**

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 step-by-step format and refer to illustrations. We suggest reading through the instructions entirely before performing installation. Please follow these step-by-step instructions and illustrations carefully.

**APPLICATION(S):** Sea-Doo RXT/GTX iS & aS models (suspension deck)

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

### - INSTALLATION INSTRUCTIONS -

You are required to remove the moving deck to perform this installation. Please refer to the OEM Service Manual for this process.

Remove ventilation box (deck extension lid).

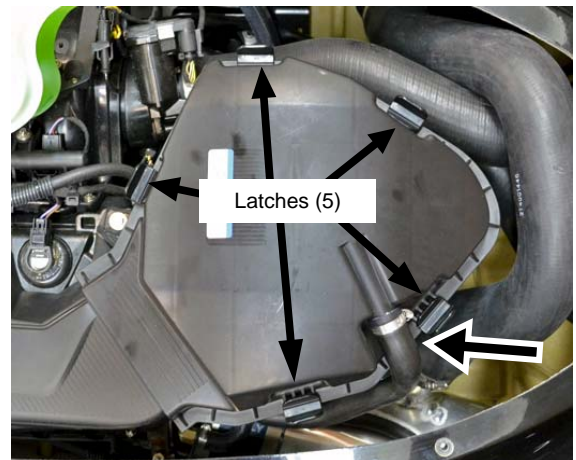


Remove bolts securing engine coolant tank (3) and air inlet (3) to deck extension lid.



Remove bolts (12) securing deck extension lid to hull.

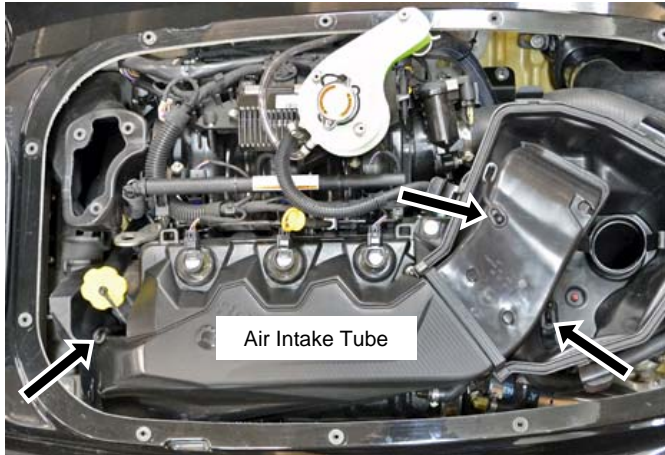
Disconnect engine breather hose from air intake cover fitting. Release latches (5) securing air intake silencer cover. Remove cover and discard.



Remove air intake silencer baffle (pull up) and discard.



Remove rubber latches (3) securing air intake tube.  
Remove air intake tube and discard.



Remove bolts (2) securing air intake silencer to motor.

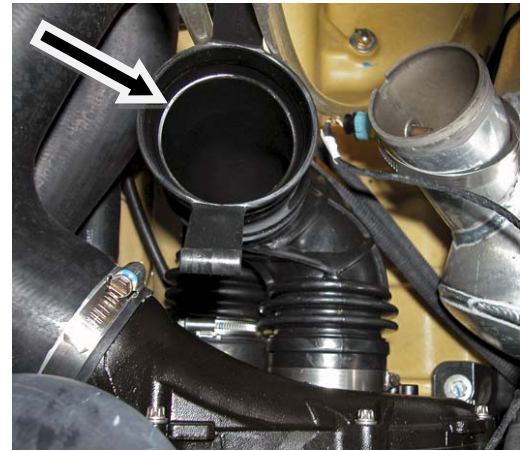


Squeeze outlet hose inside air intake silencer. Remove air intake silencer by lifting up and discard.

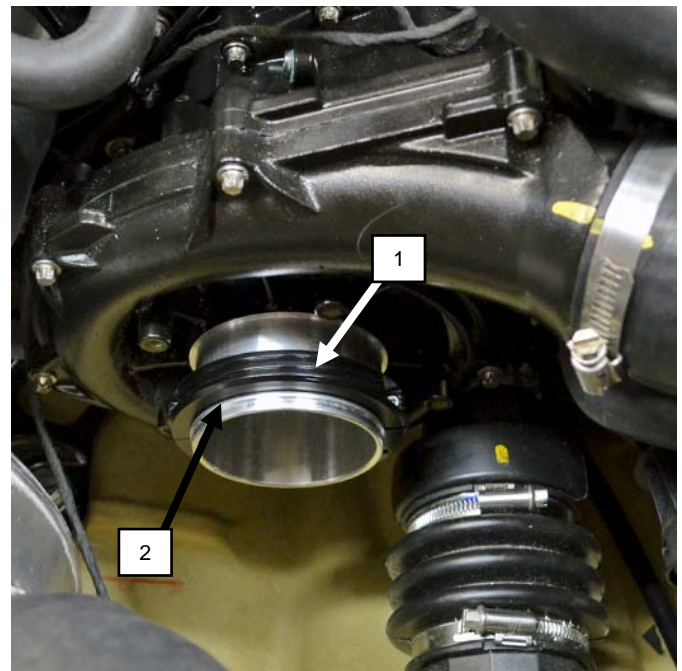
Remove air intake silencer support from supercharger housing (3 bolts) and discard.



Remove supercharger inlet hose (1 clamp) and discard.



Install supplied billet adapter flange<sup>1</sup> onto supercharger outlet. **NOTE: Be sure impressions machined into face of adapter are on same side.** Rotate so allen bolts can be accessed. While tightening allen bolts evenly pull clamp away from supercharger until it stops against flange<sup>2</sup> on supercharger inlet. **NOTE: Do not over tighten bolts.**



Install supplied tapered plastic flange onto billet adapter flange. **NOTE:** Plastic flange and billet adapter are threaded. Do not over tighten.



Install supplied coupler onto supplied Power Filter Tube. Loosely install clamps onto coupler (do not tighten).



Spray glass cleaner generously onto outside of tapered plastic flange and inside of coupler on Power Filter Tube.

Slide coupler on Power Filter Tube onto tapered plastic flange until Power Filter Tube stops against raised edge on tapered plastic flange.

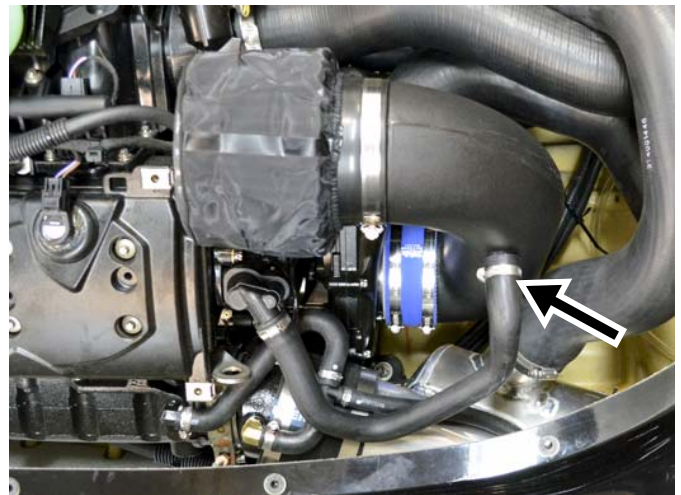
Install supplied Power Filter onto Power Filter Tube. **NOTE: Do not over tighten clamp.**

Install supplied pre-filter onto Power Filter.

Rotate Power Filter tube so that Power Filter is centered with fuel injectors. Tighten clamps securing coupler to tapered plastic flange and Power Filter Tube. **NOTE: Do not over tighten clamps.**



If using RIVA Catch Can/Engine Breather Kit install supplied vinyl cap onto fitting on Power Filter tube. Secure with supplied zip tie. If using stock engine breather attach hose to fitting on Power Filter tube and secure with stock hose clamp. **NOTE: Do not over tighten clamp.**



Check bilge for tools, rags, etc.

Replace deck extension lid. **NOTE: Apply blue Loctite to threads.**

Replace engine coolant tank. **NOTE: Apply blue Loctite to threads.**

Replace ventilation box (deck extension lid).

Replace moving deck.

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@rivamotorsports.com](mailto:tech_support@rivamotorsports.com).

### **Limited Warranty**

RIVA Power Filter Kits 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 and a Return Authorization Number (RA#) must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.