



Sea-Doo iS/aS Power Filter Kit

RS13100-S-1



Applications:

Sea-Doo 2009~16 RXT/GTX iS/aS Models

Approximate Installation Time:

4.0 Hrs.

Recommended Specialty Tools:

See Applicable OEM Service Manual

Required Materials:

Blue Loctite

Part #

N/A

Part #

N/A

GET THE LATEST UPDATES!

Prior to installation, go to the RIVA Racing online Instruction Library to download the latest version of these instructions:

<https://rivaracing.com/instructions>



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COMPONENT LIST

ITEM	DESCRIPTION	RIVA PART #	QTY	NOTES
A	RIVA Power Filter	RK13090-4	1	
B	Power Filter Tube	RTL-RS13100-T	1	
C	Pre-filter	RK13090PF-BK	1	
D	Clamp #64	6564E-52	2	
E	Vinyl Cap	9753K86	1	
F	Tapered Adapter	QCA-RS13100-VSK	1	Pre-assembled
G	Threaded Clamping Ring		1	
	6/32" x 1/2" SHCS	93705A148	2	
H	Silicone Coupler	RY15-04/2.0	1	
I	Hex Key	7122A17	1	
J	Zip Tie (Med.)	TY24MX	1	

Your kit was inspected and verified before being carefully packaged by our staff. Please check package contents before beginning assembly. If you have a question about missing or damaged items please contact RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivaracing.com.

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 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. Read through instructions entirely before performing installation. Please follow these step-by-step instructions and illustrations carefully.

***** 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.

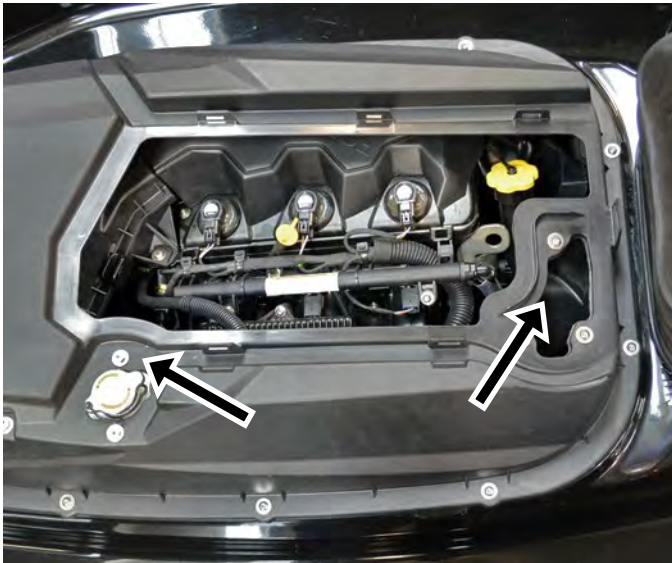
- INSTALLATION INSTRUCTIONS -

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).

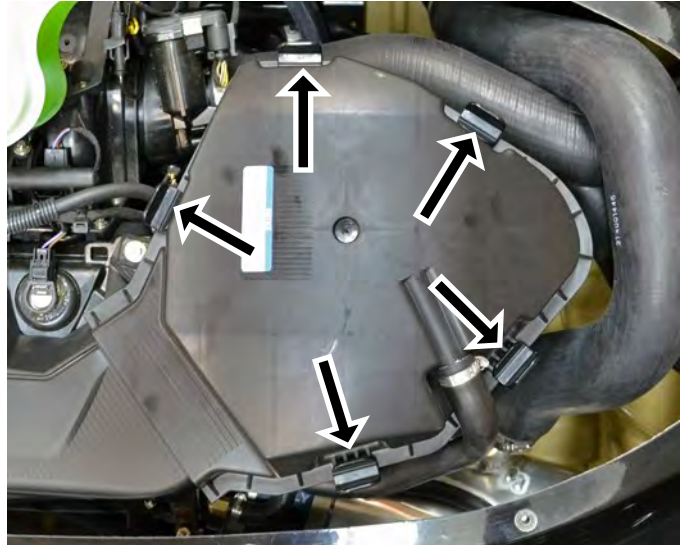


Remove bolts securing engine coolant tank (3) and air inlet (3) to deck extension lid.



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

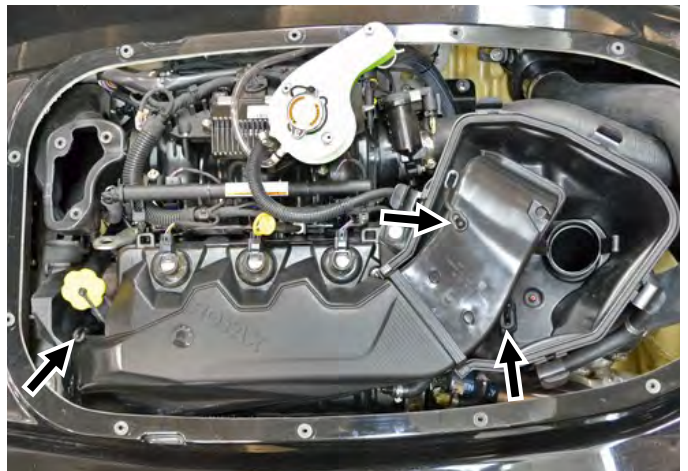
Disconnect engine breather hose from air intake cover fitting. Release latches (5) securing air intake silencer cover. Remove cover and discard.



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

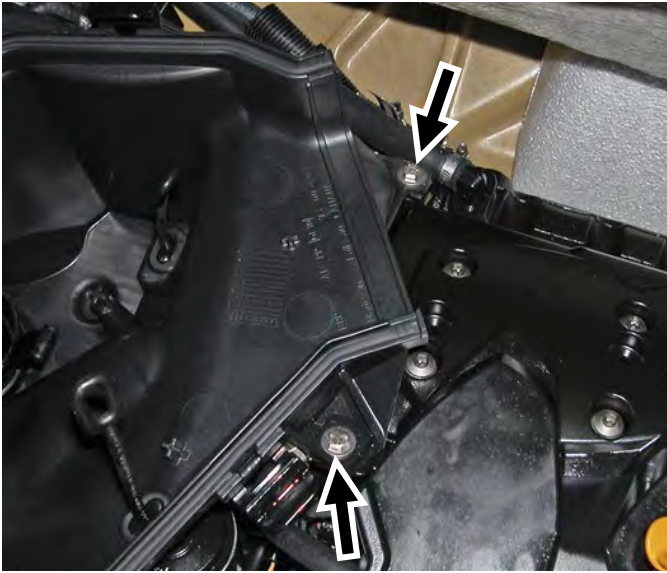


Remove rubber latches (3) securing air intake tube. Remove air intake tube and discard.



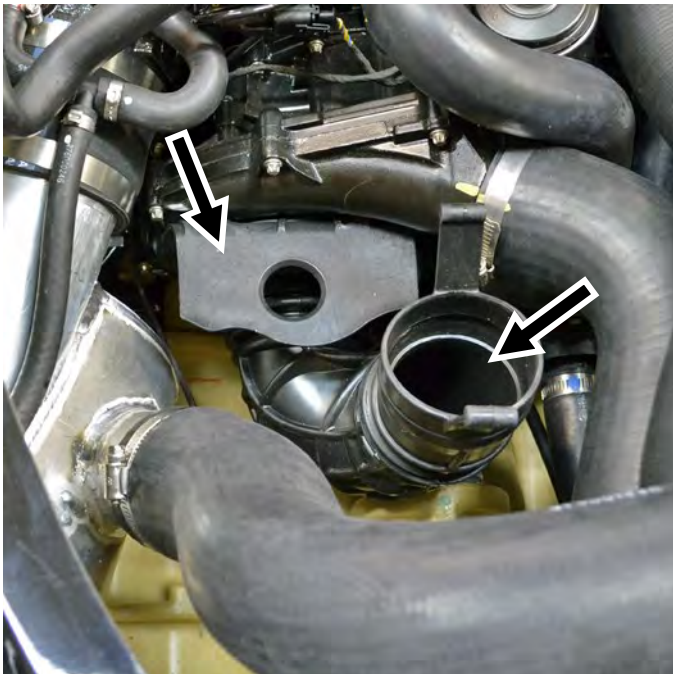
- INSTALLATION INSTRUCTIONS -

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



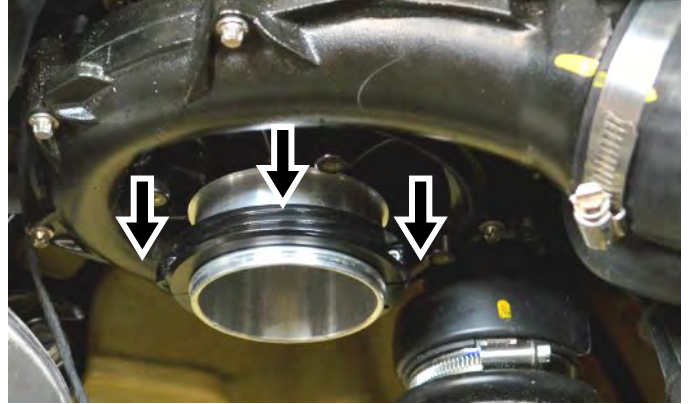
Squeeze outlet hose inside air intake silencer. Remove air intake silencer by lifting up and discard.

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



Remove supercharger inlet hose (1 clamp) and discard.

Install supplied threaded clamping ring onto supercharger outlet. **NOTE: Be sure impressions machined into face of adapter (dots) 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 raised flange on supercharger inlet. **NOTE: Do not over tighten bolts.**



Install supplied tapered adapter onto threaded clamping ring. **NOTE: 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.

- INSTALLATION INSTRUCTIONS -

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

Install supplied Power Filter onto Power Filter Tube.
NOTE: Do not overtighten 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 adapter and Power Filter Tube. **NOTE: Do not overtighten 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 overtighten clamp.**



Check bilge for rags, tools etc.

Replace deck extension lid. **NOTE: Torque bolts to 1.2 Nm (11 lbfin).**

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

Replace ventilation box (deck extension lid).

Replace moving deck. Refer to the OEM Service Manual for this process.

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

Replace engine cover, bodywork and/or seat previously removed.

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.

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.