



# **RIVA RACING**

**PERFORMANCE PRODUCTS & ACCESSORIES**

## **Power Filter Kit**

**PART# - RS13110**

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:** This kit requires the use of our **Oil Catch Can/Engine Breather Kit** (part# RS19050-BCC). It will be installed during Power Filter Kit installation.

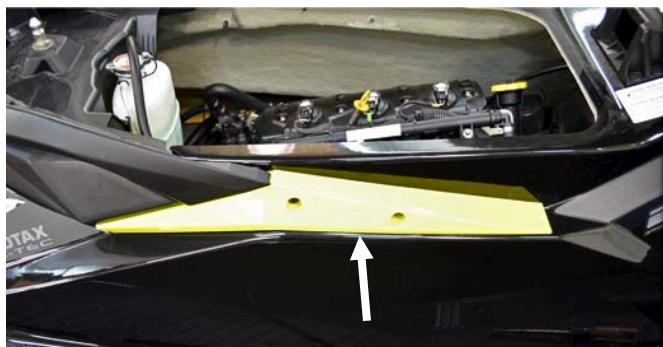
**APPLICATION(S):** Sea-Doo RXP-X 260 (T3)

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

### **- INSTALLATION INSTRUCTIONS -**

Remove plastic engine cover.

Remove side covers (2 bolts each side).



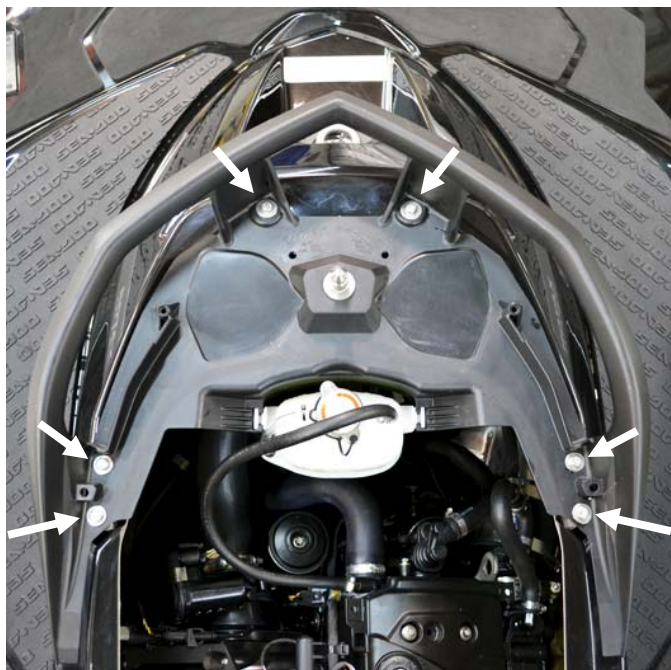
Remove bolts (2) and reusable clips (2) securing decorative cover to top of grab handle.



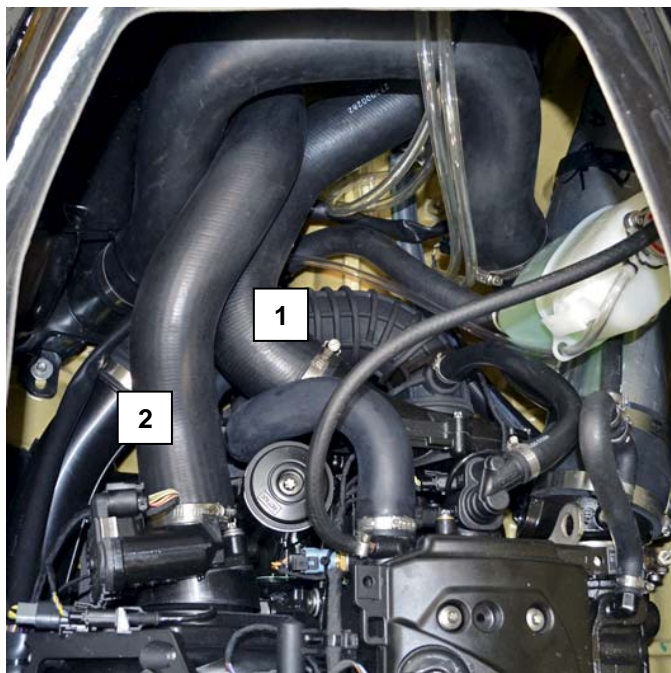
Remove bolts (1 at rear) and reusable clips (4 at front) securing decorative cover to outside of grab handle.



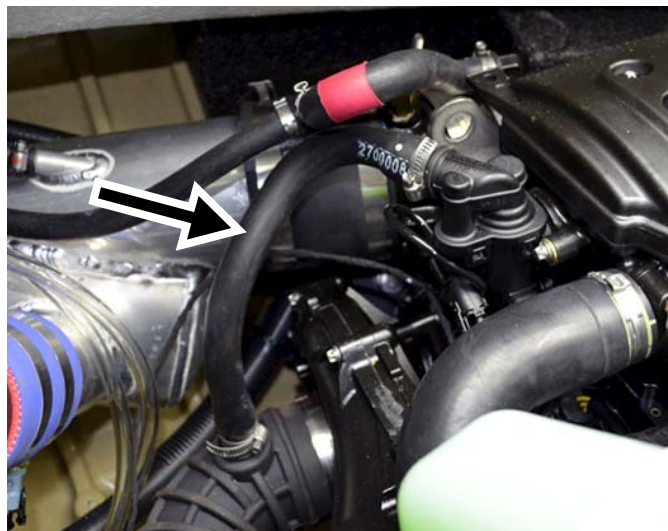
Remove coolant overflow reservoir. Remove grab handle (6 bolts).



Disconnect hoses from supercharger outlet<sup>1</sup> and throttle body inlet<sup>2</sup>. Fold back and out of the way.

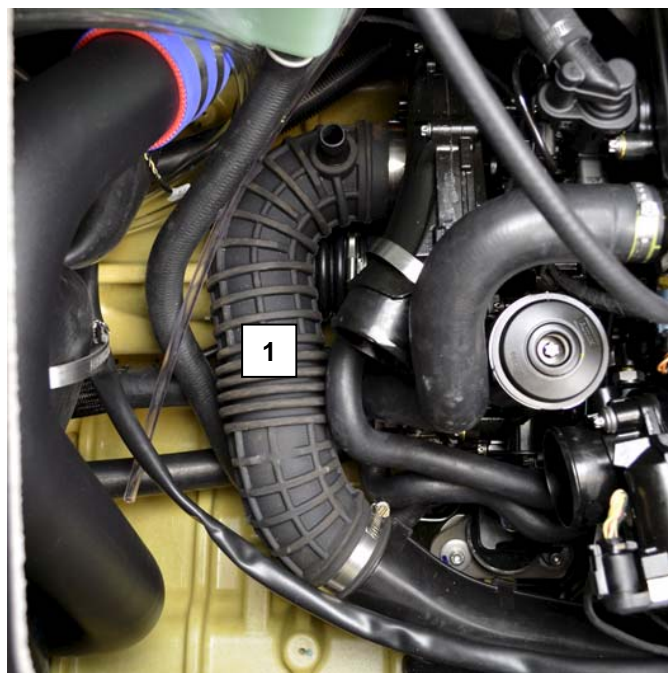


Remove and discard hose between engine breather and stock air intake tubing. Retain hose clamps.



Install RIVA Oil Catch Can/Engine Breather Kit (part# RS19050-BCC).

Remove supercharger air inlet hose<sup>1</sup> and discard.



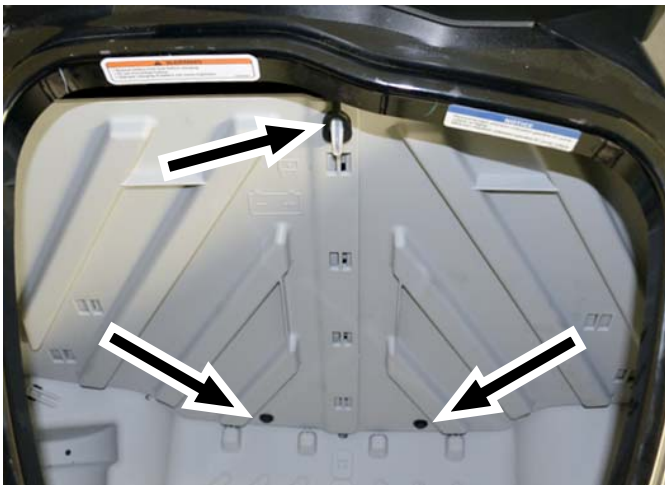


At front right side of engine loosen clamp securing plastic air intake runner to air box.



Remove plastic air intake runner through rear of engine compartment and discard.

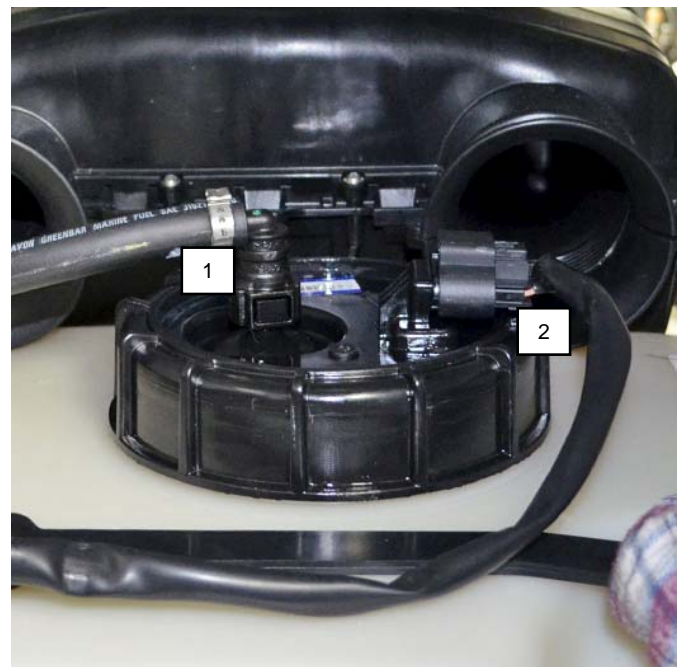
Open front storage hatch. Remove battery access panel. (1 strap/2 pins)



Disconnect electrical connector for gauge display unit<sup>1</sup>. Remove vent tubes (2)<sup>2</sup>. Disconnect fuel tank filler hose<sup>3</sup> from fuel tank. Cover tank inlet opening.



Disconnect fuel supply hose<sup>1</sup> and fuel pump electrical connector<sup>2</sup>.



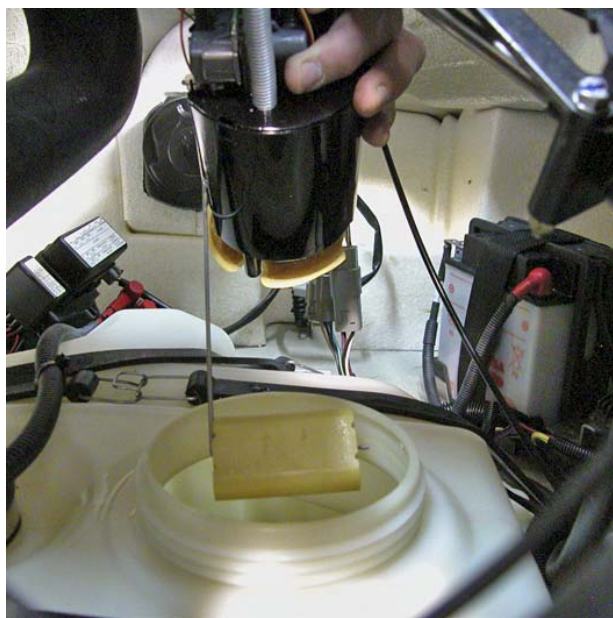
**NOTE: Fuel system is pressurized. Cover fuel supply hose connector with a shop rag to prevent fuel spill.**

Unscrew and remove fuel pump locking collar.



Raise fuel pump out of fuel in tank. **DO NOT REMOVE COMPLETELY.** Tilt forward to drain excess fuel.

Remove fuel pump by lifting and tilting forward. As lower end of fuel pump clears tank continue tilting to allow fuel level sensor to clear opening.



**NOTE:** Place a shop rag on top of tank and over top of fuel pump to prevent fuel spill.

Disconnect straps (3) securing stock air box to top of fuel tank. Carefully remove air box through front of craft.

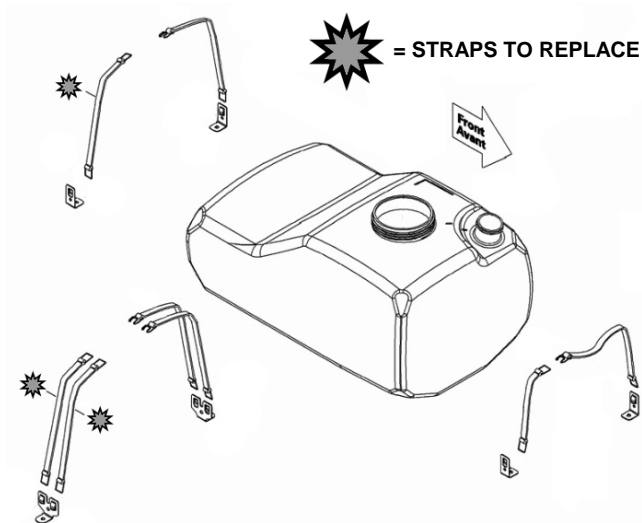
Replace fuel pump into fuel tank. Make sure fuel pump seal is properly installed. **NOTE: Do not over tighten fuel pump locking collar.**

Reconnect fuel supply hose and fuel pump electrical connector to top of fuel pump.

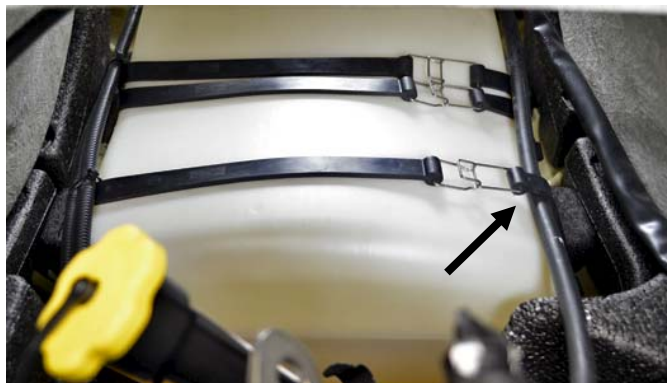
Replace vent tubes (2). Reconnect gauge display unit electrical connector.

Replace fuel tank filler hose. **NOTE: Do not over tighten clamp.**

Replace fuel tank straps as indicated below and secure fuel tank.

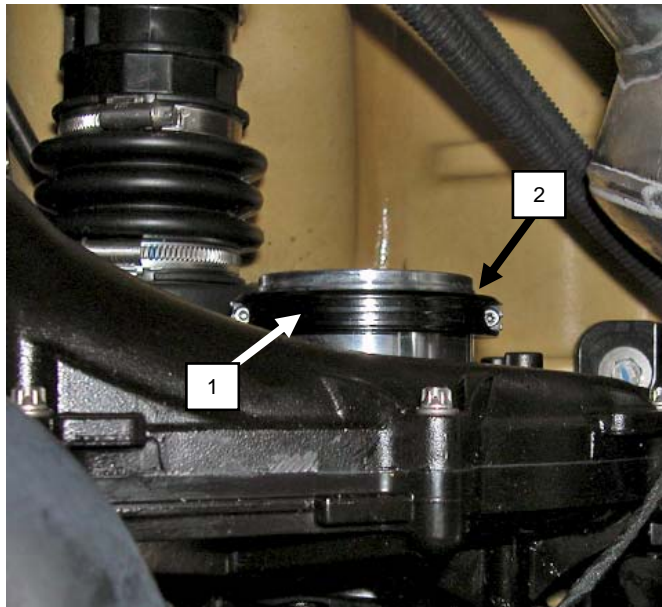


**TIP:** Use tank straps to secure fuel supply hose.





Install supplied billet adapter flange<sup>1</sup> onto supercharger outlet. 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.



At front of engine compartment locate seat bracket.



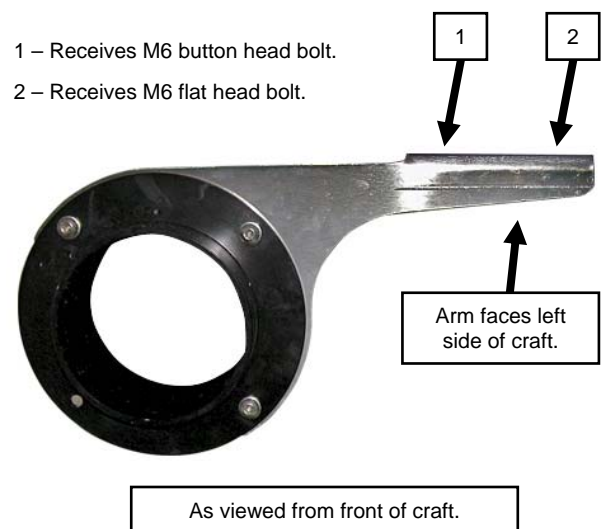
Using a square measure 1-7/8" straight out (to left side) from edge of seat bracket.

Drill a 1/4" hole through hull. Counter sink hole for supplied M6 flat head bolt.

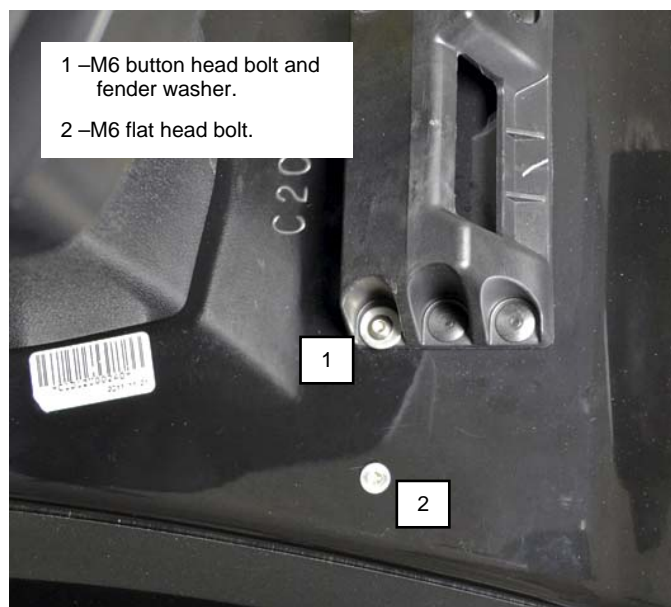
Remove top left rivet from seat bracket.

Thoroughly clean inside and outside of hull with a shop vac.

**REFERENCE IMAGE:** Power Filter/Duct Support

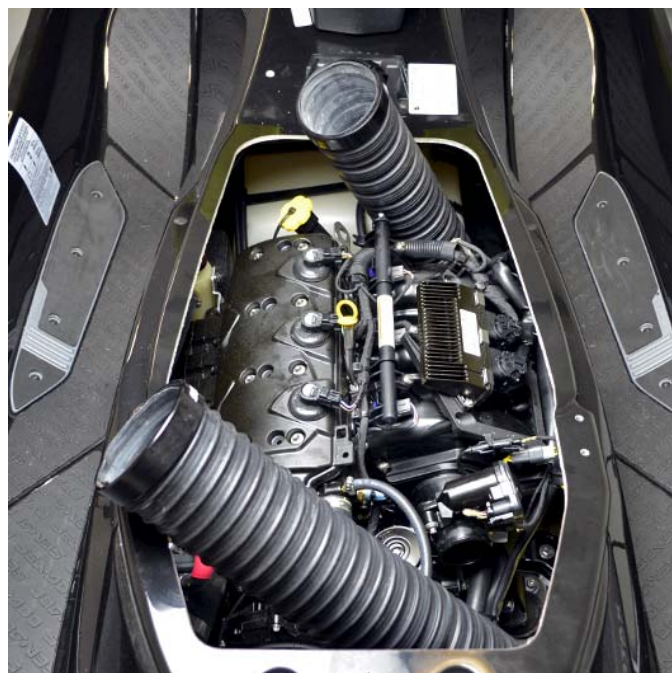


Test fit supplied Power Filter/Duct Support Bracket using supplied hardware. Bracket mounts inside hull under seat bracket.



Remove bracket and set aside.

Feed one end of supplied ducting into hull at rear of engine; along right side of craft; under intake manifold; up and out of front of engine compartment.



Install supplied billet band clamps onto ends of ducting. **NOTE:** Inside of clamps are threaded. Twist onto ducting until edge is flush with end of ducting. **TIP:** Spray glass cleaner onto outside of ducting to ease installation.

Spray glass cleaner into end of ducting at rear of engine and onto tapered plastic flange on supercharger inlet. Install ducting onto tapered plastic flange completely. Secure by tightening bolt on billet band clamp. **NOTE: Do not over tighten bolt.**



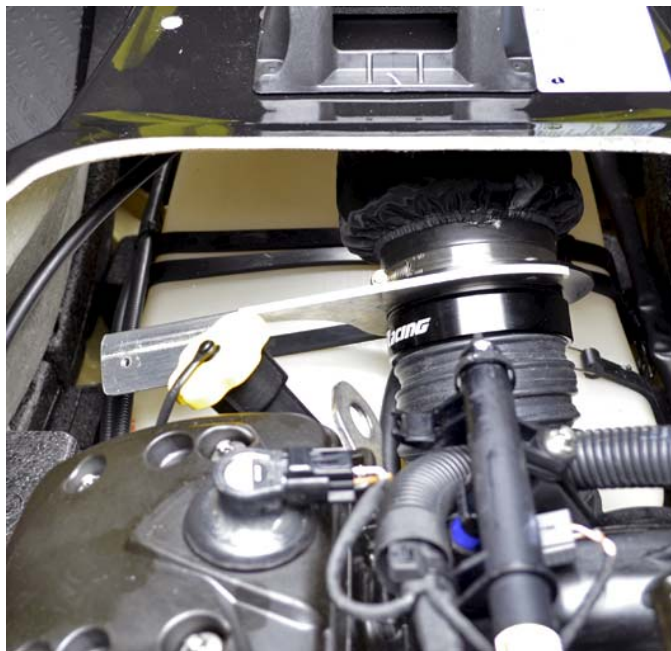
Reconnect hoses to supercharger outlet and throttle body inlet. **NOTE: Do not over tighten clamps.**

Spray glass cleaner into end of ducting at front of engine and onto supplied Power Filter/Duct Support Flange. Install flange into ducting as shown below. Secure by tightening bolt on billet band clamp. **NOTE: Do not over tighten bolt.**





Install supplied Power Filter with supplied pre-filter onto opposite side of support flange. **NOTE: Do not over tighten clamp.**



Secure Power Filter/Duct Support to hull. **NOTE: Apply red Loctite to threads. Do not over tighten bolts.**



Replace battery access panel in front storage compartment.

Replace rear grab handle and coolant overflow tank.

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@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.