



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## **Sea-Doo 300/325 'GEN-4' Power Cooler**

PART# - RS1753-PC-I



### **Applications:**

Sea-Doo 300hp & 325hp Models

### **Approximate Installation Time:**

1 hr.

### **Recommended Specialty Tools:**

N/A

### **Required Materials:**

N/A

### **Recommended Add-ons:**

Intercooler Tubing Upgrade Kit with Blow-off Valve  
Intercooler Tubing Upgrade Kit with Blow-off Valve  
Water Filter/Strainer Kit

RS17190-TK-TV (300hp Models)  
RS17220-TK-TV (325hp models)  
RY1013-SDF-UK

### **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>

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](mailto: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.

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

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

**\*\*\* 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.**

### **- INSTALLATION INSTRUCTIONS -**

Remove or open seat.

**2018+ RXT/GTX & 2021+ RXP**

Remove engine service cover (13 torx screws).

**2012-20 RXP-X:**

Remove bolts (2) on each side holding side panels in place. (Figure 1)

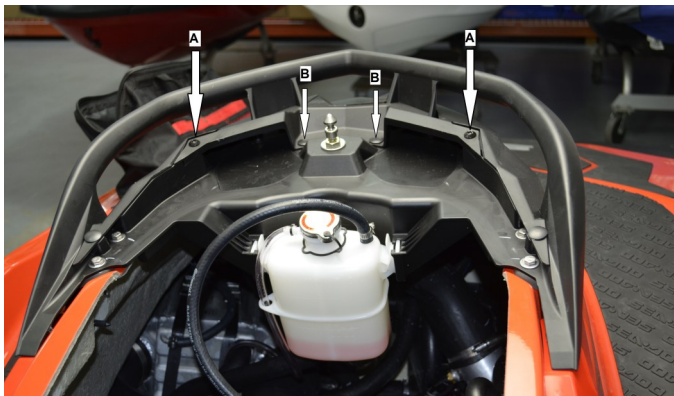
Figure 1



Remove side panels.

Remove screws (A-2) and plastic rivets (B-2) holding vent cover to rear grab handle and remove vent cover. (Figure 2)

Figure 2



Remove plastic rivets (1 per side) under side panels that were removed previously. (Figure 3)

Figure 3



Press the (2) locking tabs (A) on the coolant reservoir towards the reservoir body and lift the reservoir out of its mounting location. Lay the reservoir to the starboard side to provide better access to the exhaust. (Figure 4)

Remove (6) bolts (B), nuts and washers holding rear grab rail in place and remove grab rail. Caution: Do not drop nuts and washers into hull. (Figure 4)

Figure 4



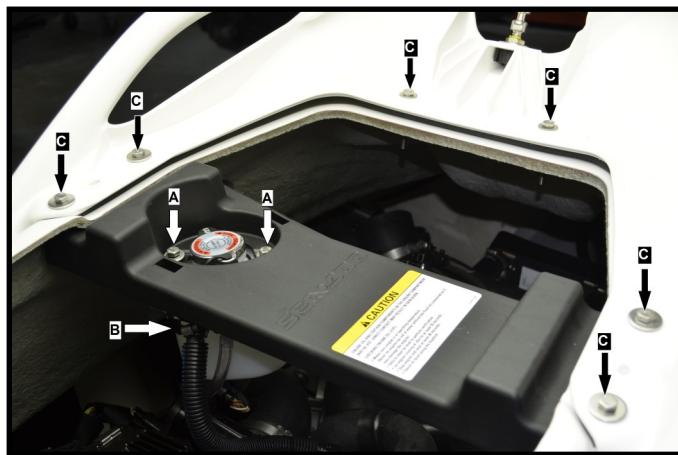
## - INSTALLATION INSTRUCTIONS -

### 2016~17 RXT-X/ GTX 300

Remove bolts (A-2) securing coolant reservoir tank to deck beam. Pull out on retaining tabs (B) and lower coolant reservoir tank away from its mounting location. Lay reservoir to the starboard side. (Figure 5)

Remove deck beam bolts/grab rail bolts, nuts and washers (C-4). **Caution:** Do not drop nuts and washers into hull. Remove deck beam and grab rail assembly. (Figure 5)

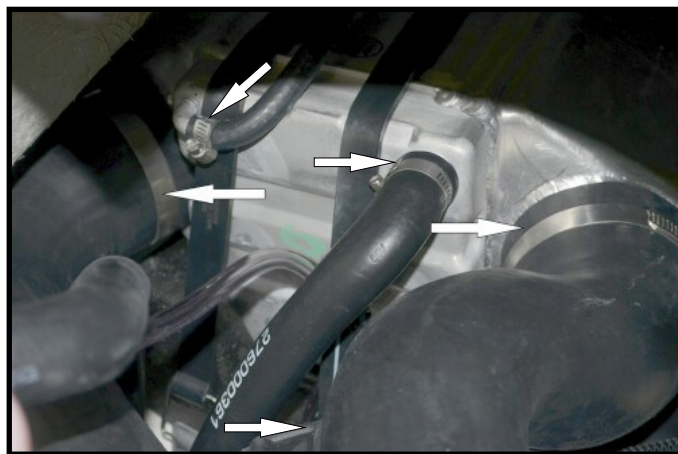
Figure 5



### All Models

Loosen clamps securing hoses to OEM intercooler. 2 for air and 3 for water. (Figure 6)

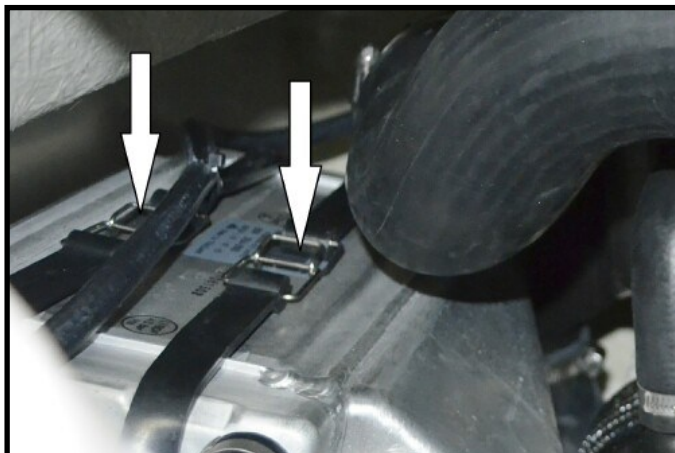
Figure 6



Disconnect hoses from intercooler. Save clamps for re-use.

Release straps (2) holding intercooler in place. (Figure 7)

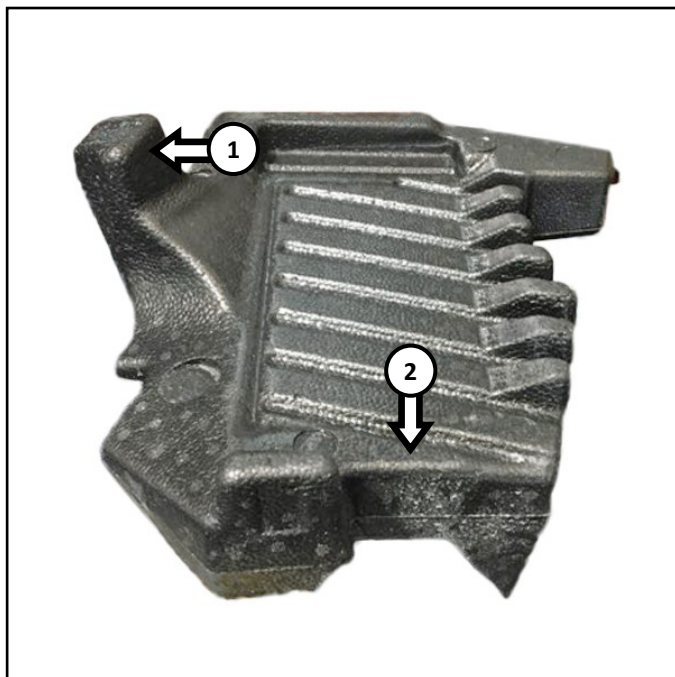
Figure 7



Remove and discard OEM intercooler.

The foam OEM intercooler cradle must be modified in two places to accept the larger RIVA 'GEN-4' Power Cooler. (Figure 8)

Figure 8



Remove intercooler cradle.

## **- INSTALLATION INSTRUCTIONS -**

Using a sharp utility knife blade or hacksaw blade, remove the material indicated. Use the mold line as a reference point. (Figures 8 - 1)

Figure 8 - 1



Using a sharp utility knife blade or hacksaw blade, remove the material indicated. Use the mold line as a reference point. (Figures 8 - 2)

Figure 8 - 2



Replace modified intercooler cradle

Install supplied 'GEN-4' Power Cooler onto modified cradle and secure using OEM straps.

Replace air and water hoses on identical fittings on 'GEN-4' Power Cooler and secure using OEM clamps. **NOTE: Do not over-tighten clamps.**

If using a RIVA Intercooler Tubing Upgrade Kit follow installation instructions supplied with kit.

If using a RIVA Water Filter/Strainer Kit follow installation instructions supplied with kit.

Check bilge for rags, tools etc.

Run craft on a flush hose to check for proper operation. Do not run craft out of water for more than 90 seconds at a time.

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

**Proper cleaning is vital to the life of your RIVA Power Cooler! Flush your craft after each use. Make sure that flush water exits the intercooler vent whenever flushing. RIVA Racing highly recommends the use of Salt-Away and the Salt-Away flushing system after each use in salt or brackish water.**

***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 Power Coolers carry a 90-day 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.