



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

Sea Doo GTR 215 Power Cooler Install Kit **PART# - RS1752-PCIK-GTR**

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

APPLICATION(S): Sea-Doo GTR 215

Note: This installation kit is to be used with RIVA Performance Products: RS1752-PC-I, Gen 3 Power Cooler and RS17090-TK, Intercooler Tube Kit. Also, a blow off valve or block off plate is required with the Intercooler Tube Kit. The stock air intake system will not fit properly with this system. An aftermarket air intake system is required, such as the RIVA RS13110 Power Filter Kit, along with the RS13100-TSUK fuel tank strap upgrade kit. We also recommend installing either the RIVA Free Flow Exhaust Kit, (part # RS16090), or the RIVA Rear Exhaust Kit (part # RS15110). This allows for easier installation of the air ducting.

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

Required Specialty Tools

OEM Service Manual

Part#

Please Call

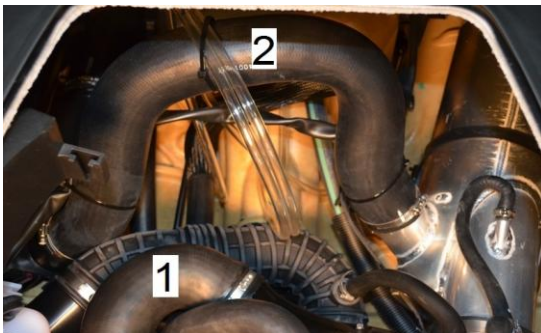
- INSTALLATION INSTRUCTIONS -

Remove DESS lanyard & disconnect battery cables.

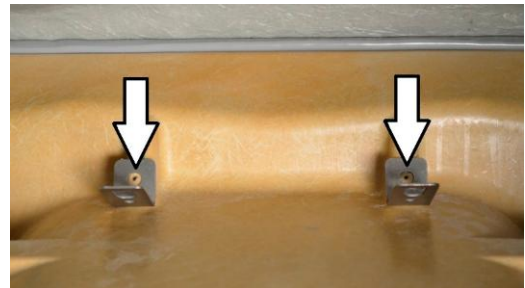
Remove engine coolant tank from mounting bracket and set to side. Keep overflow hose upright so no coolant leaks into the hull.

Remove & discard discharge hose (hose #1) between supercharger outlet and throttle body.

Remove exhaust hose (hose #2) connecting waterbox to sound suppression system. Save hose and clamps for reinstallation.

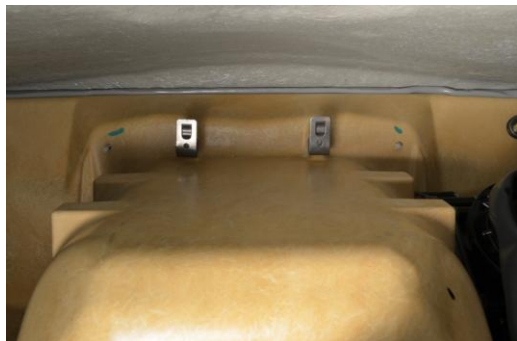


Locate the 2 fiberglass gussets inside the hull on top of the pump area at the transom. Place each of the L shaped bracket at the bottom of each gusset. Mark the center of the screw hole with a marker. **TIP:** Use a piece of tape to hold the bracket in place when you mark the bracket. (see illustration)



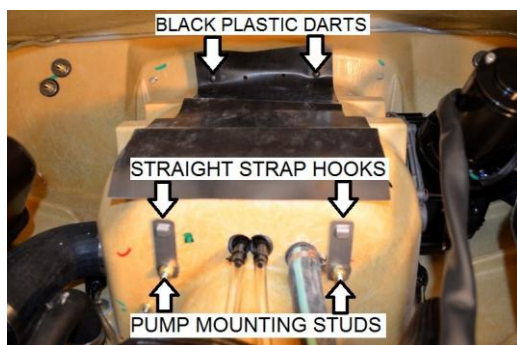
Remove brackets. Using a 11/64" drill bit, drill the two marked screw holes 3/4" deep. (approximately 19mm) **TIP:** Drill a smaller pilot hole first. Also, use a drill stop or mark the drill bit with a piece of tape to avoid drilling the hole too deep. Install the two brackets with the supplied 2 hex screws (10mm head) and two 6mm washers. Make sure the strap clips are facing the back of the hull.

Once tightened, bend each bracket so it stands straight. (see illustration below)



Locate the pump mounting studs inside the hull.(see illustration below) Remove the 13mm nut, but leave the washer in place. Slide the supplied straight strap hook over each stud. Slide the supplied 8mm washer over each stud. Install strap hook so the clip is on top & facing out. (see illustration below) Reinstall the 13mm nut & torque to 18 ft. lbs.

Install the intercooler rubber pad to the holes on the rear strap brackets using the supplied black plastic “darts”.

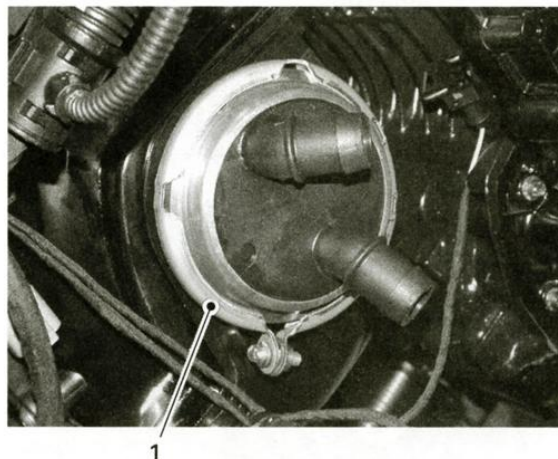


At front of intake manifold, remove the two waterlines that are connected to stock intercooler. Discard the lines but save the two hose clamps on the longer waterline for reinstallation.

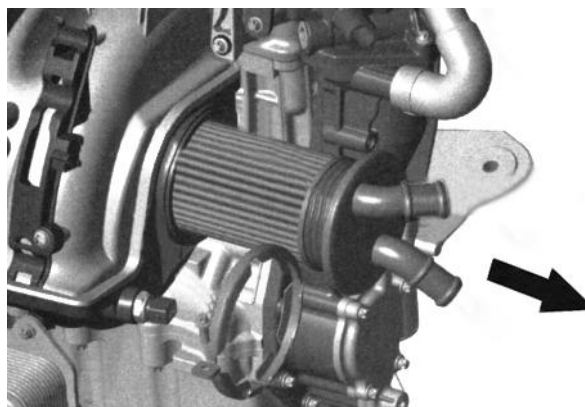
Remove the OEM air silencer box as well as the rest of the OEM air intake system.

Install the RIVA Racing tank strap upgrade kit, part #RS13100, at this time. (see instructions with tank strap upgrade kit)

At front of intake manifold remove collar¹ securing intercooler to intake manifold housing. Retain collar for use later during installation process.



Remove stock intercooler from intake manifold by pulling forward towards front of craft.



Install supplied aluminum block-off (with o-ring) into opening at front of intake manifold housing left when stock intercooler was removed. Secure with collar removed from the stock intercooler. **NOTE:** Apply a thin layer of waterproof grease onto o-ring before installing block-off.

Install your aftermarket air intake system at this time. RIVA Racing offers the RS13110 Power Filter Kit for this application. (see instructions for RS13110)

Install the two supplied rubber intercooler straps to the rear strap hooks that were installed on the fiberglass gussets.

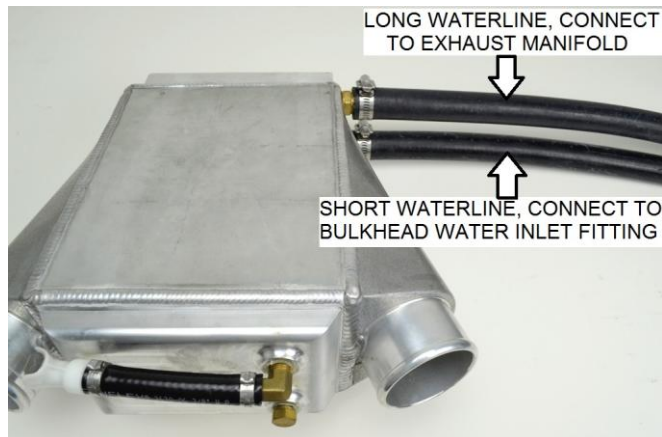
Connect the longer supplied $\frac{3}{4}$ " hose and hose clamp to the top brass fitting on the RIVA Power Cooler.

Connect the shorter supplied $\frac{3}{4}$ " hose and hose clamp to the bottom brass fitting on the RIVA Power Cooler.

Place RIVA Power Cooler on top of rubber pad. Ensure rubber pad is in place under Power Cooler. Secure Power Cooler in place using the two supplied straps.

Connect and clamp the bottom fitting hose (short hose) from the Power Cooler to the water inlet bulkhead fitting.

Connect and clamp the top fitting hose (long hose) from the Power Cooler to the bottom of the exhaust manifold. (where OEM intercooler line was connected)



NOTE: Take care not to kink hoses. Do not over tighten clamps.

If free flow exhaust or rear exhaust kit is being installed, remove the stock exhaust baffle that is bolted to the hull.

If RIVA Rear Exhaust Kit (RS15110-1) is being installed, install rear exhaust outlet now. (see instructions for RS15110-1)

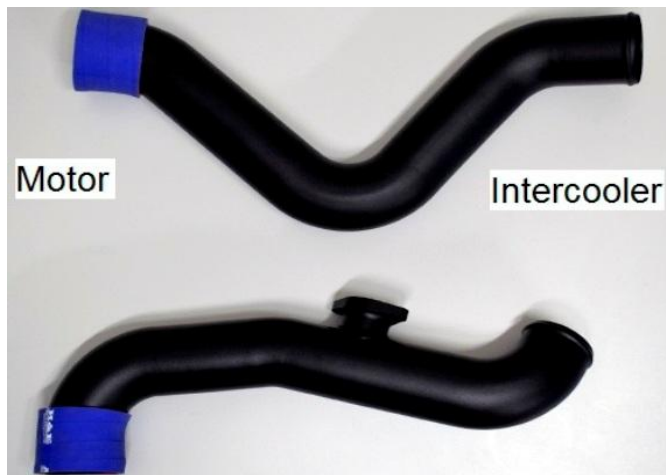
Install supplied silicone couplers from RS17090-TK tube kit onto intercooler and secure using clamps. **NOTE: Do not over tighten clamps.** (see illustration below)



Place one loose clamp over couplers on intercooler.

Install supplied silicone couplers onto motor end of Intercooler Tubes until end of tube is exposed.

NOTE: Apply generous amount of glass cleaner onto Intercooler Tubes.



Install intercooler to throttle body tube. Secure with supplied clamps. **NOTE: Do not overtighten clamps.**

Install recommended Blow-off Valve on to supercharger to intercooler tube (see instructions provided with Blow-off Valve Kit). **Note direction and angle as shown in illustration.**



Install supercharger to intercooler tube. Adjust couplers & secure with supplied clamps. **NOTE: Do not over tighten clamps.**



Reconnect the waterbox to the exhaust outlet using the original exhaust hose, RIVA Free Flow tube, or RIVA

Rear Exhaust Kit. (see instructions for Free Flow Kit or Rear Exhaust Kit.)

Reinstall coolant tank in bracket & make sure it "clips" into position.

Fasten the clear siphon tubes to the exhaust hose/tube with the supplied zip tie.



Check bilge for tools, rags, etc. Reconnect battery & 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.

Limited Warranty

RIVA Racing Kits carry a 6 month 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.