



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

Rear Exhaust Kit

RY15210



Applications:

All 2025 & Newer Yamaha JetBlaster Models

Approximate Installation Time:

4.5 hours

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>

Recommended Specialty Tools:

2-3/4 inch Hole Saw Bit

Part

N/A

Required Materials:

Red Loctite
Blue Loctite

Part

N/A
N/A



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COMPONENT LIST

| <u>ITEM</u> | <u>DESCRIPTION</u> | <u>RIVA PART #</u> | <u>QTY</u> | <u>NOTES</u> |
|-------------|-------------------------------------|--------------------|------------|--------------|
| A | Exhaust Tube | W1-RY15210-T | 1 | |
| B | Rear Exhaust Outlet | | 1 | |
| C | Rear Exhaust Outlet Gasket | QCA-RS15100 | 1 | |
| D | Rear Exhaust Outlet Landing Ring | | 1 | |
| E | OEM Exhaust Outlet Block-off | QCA-RY15-BO | 1 | |
| F | OEM Exhaust Outlet Block-off Gasket | QCA-RY15-BOG | 1 | |
| G | Reduction Coupler | RS15-2.50/2.75R | 1 | |
| H | Straight Coupler | RY15-2.50/2.50 | 1 | |
| I | Hose Clamp (#44) | 63004-0044-52 | 4 | |
| J | 1/4-20x1-1/4" BHCS | 25C150SBCS | 4 | |

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 *****

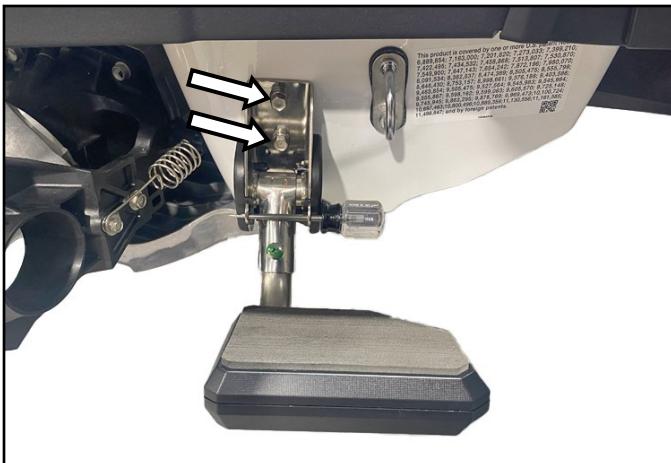
***** NO SMOKING *** NO SMOKING *** NO SMOKING *****

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 -

Remove rear boarding step (2 bolts), if equipped, and set aside.

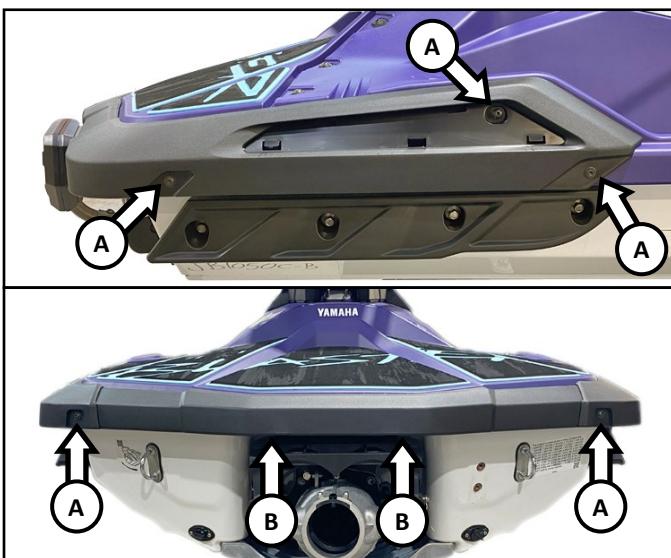


Carefully remove inserts in rear corner bumpers (3 locking tabs).



Start by prying up at forward locking tab [1]. Then, move middle tab [2] and finally rear tab [3]. Rotate bottom edge outward to remove insert. **NOTE: Do not pry at top or attempt to remove top first.**

Remove rear corner bumpers (4 bolts - A) and set aside.



Remove rear bumper (2 nuts - B) and set aside. **TIP:** Disconnect reverse cable from reverse bucket (left side of jet pump) and lower reverse bucket by hand.

Remove bolts (10 total: 8 with inserts/2 through-bolted - A) securing center deck section to rear deck section.



Remove bolts (6 - B) securing rear deck section to hull.

Remove two rearmost bolts securing center deck section on each side.



While raising rearmost edges of center deck section, remove rear deck section completely and set aside.

Remove floatation foam and set aside.

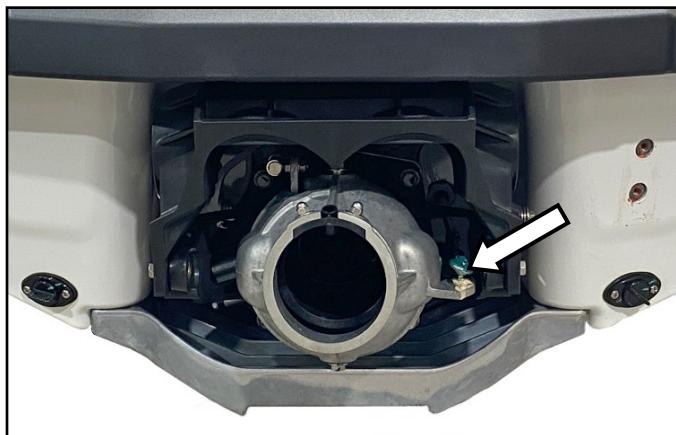
- INSTALLATION INSTRUCTIONS -

Loosen clamp securing exhaust tube to waterbox. Loosen clamp securing plastic exhaust tube to exhaust outlet and allow to slide down exhaust outlet.

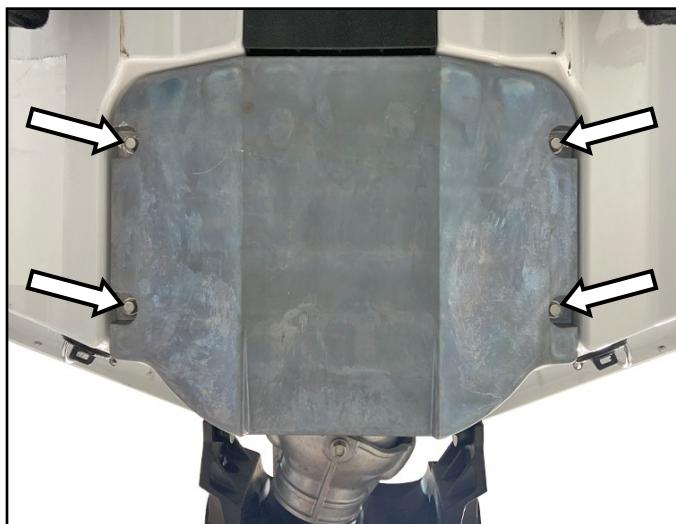


Remove exhaust baffle assembly and discard.

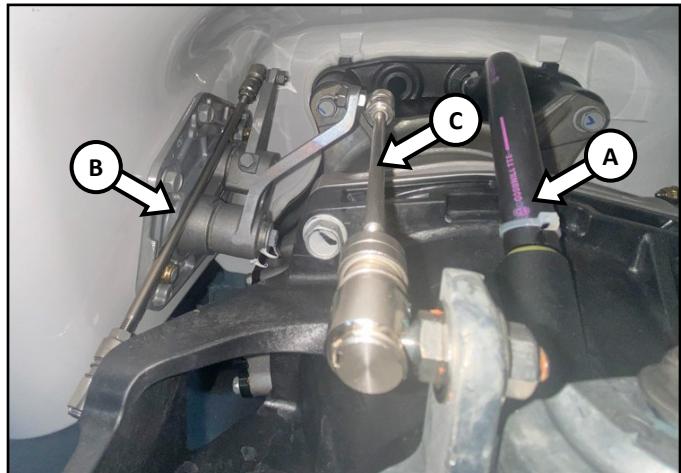
Disconnect steering cable from steering nozzle.



Remove ride plate (4 bolts).

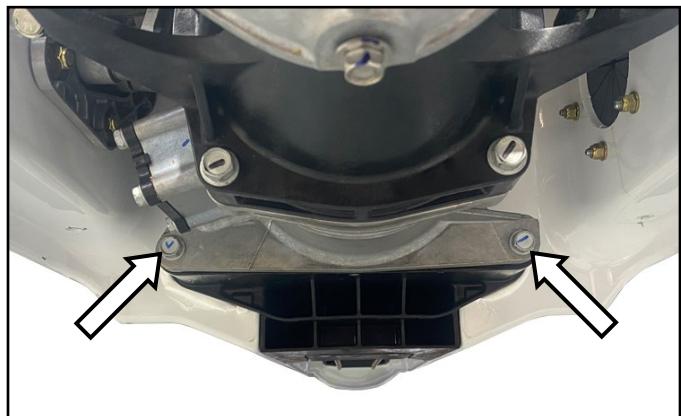


Disconnect bilge hose (A) from top of reduction nozzle.

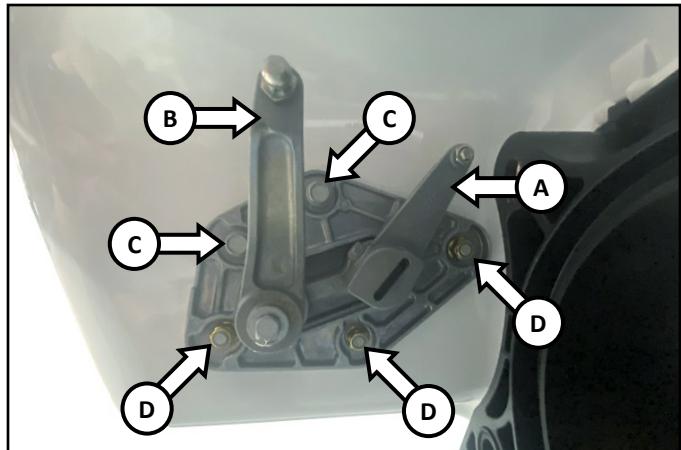


Disconnect and remove RiDE (B) & VTS (C) rods.

Remove bolts (2 top / 2 bottom) securing pump to transom plate. Remove jet pump assembly and set aside.



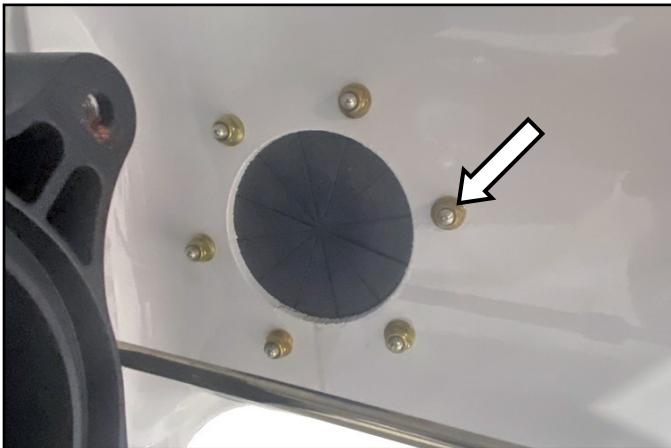
Remove RiDE control arm (A) and VTS control arm (B) and set aside.



Remove bolts (2) and nuts (3) securing RiDE motor to hull. Relocate RiDE motor forward so it's out of the way.

- INSTALLATION INSTRUCTIONS -

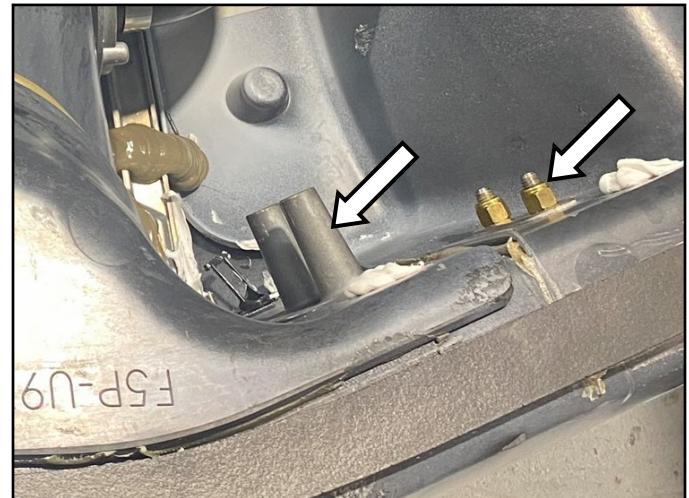
Remove OEM exhaust outlet (6 nuts in pump tunnel).



Using original metal ring (A) and nuts, install supplied block-off plate (B) inside hull and secure. **NOTE:** Remove paper from supplied gasket (C) and install onto supplied block-off plate. Raised section of block-off plate will protrude into opening in hull from inside.

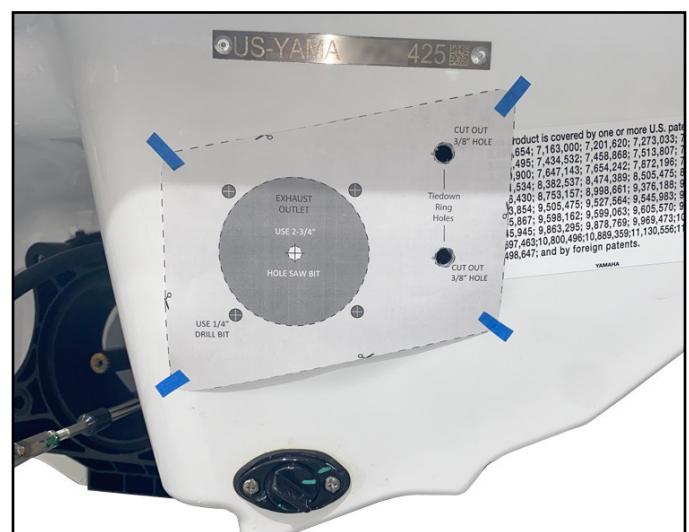


On right side of transom, **warm** boarding step bracket using a variable temperature heat gun or hair dryer to loosen adhesive backing. Carefully remove bracket and set aside for later.



On right side of transom, remove tiedown d-ring (2 nuts) and set aside.

Cut out template on last page and affix to right transom. **NOTE: Use holes for tiedown d-ring to align template.**



Using a sharp tool or punch, locate the center of each bolt hole (4) and center of exhaust outlet hole. Pull left side of template away to confirm markings are visible.

Remove template and drill holes.

- 1/4" maximum I.D. for bolt holes (4)
- 2-3/4" maximum I.D. for exhaust outlet hole

Thoroughly clean inside and outside of hull with a non-residual cleaner.

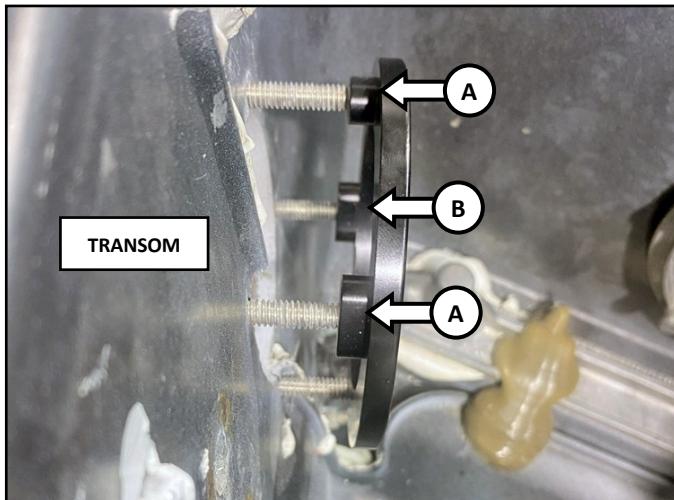
Replace tiedown d-ring. **NOTE: Do not overtighten nuts.**

- INSTALLATION INSTRUCTIONS -

Remove paper from supplied rear exhaust outlet gasket. Place gasket onto supplied rear exhaust outlet, aligning bolt holes.

Install exhaust outlet into transom from outside.

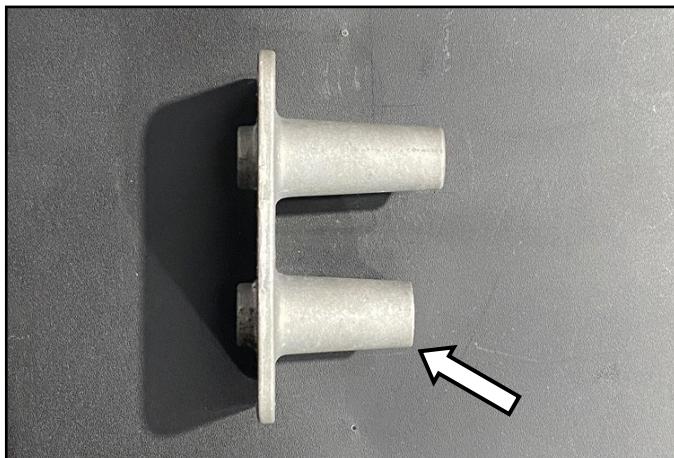
Secure outlet using supplied bolts (4) and billet landing ring. **NOTE: Apply blue Loctite to threads. Do not overtighten bolts.**



IMPORTANT: Raised landings rest against transom at both top bolts (A) and at bottom left bolt (b) when viewing outlet from outside.



Modify boarding step bracket previously removed by removing 3/8" from lower boss.



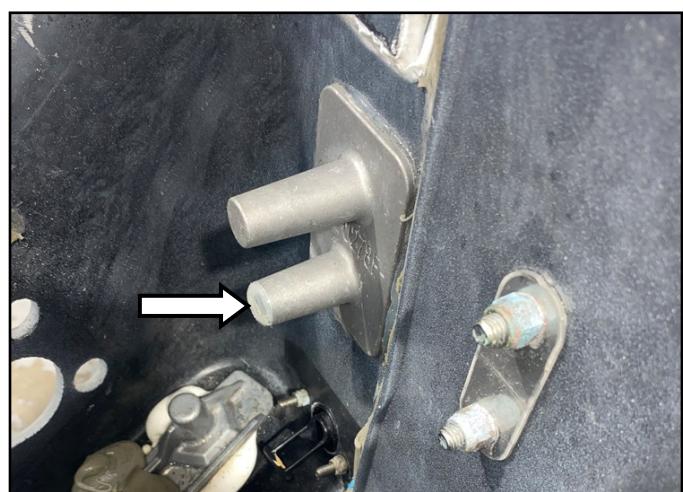
On left transom, inside of hull, locate tooling marks. Drill at center to 3/4" maximum I.D. **Tip: Use a dual-fluted step drill bit or 3 standard bits in graduated sizes.**



Thoroughly clean inside and outside of hull with a non-residual cleaner.

Apply below-waterline silicone sealant to bracket where it mounts to hull and install from inside of hull.

Replace boarding step and secure with OEM bolts (2). **NOTE: Apply red Loctite to threads. Torque bolts to 11 ft•lb (15 N•m).**



Apply silicone to open end of modified boss on mounting bracket.

Replace RiDE motor assembly and secure using OEM hardware. **NOTE: Inspect sealing gasket and replace if damaged or brittle. Apply blue Loctite to bolts. Torque bolts & nuts to 13 ft•lb (17 N•m).**

- INSTALLATION INSTRUCTIONS -

Replace RiDE control arm & VTS control arm. **NOTE: Apply blue Loctite to bolts. Torque bolts to 8.1 ft•lb (11 N•m).**

Replace jet pump assembly. **NOTE: Inspect jet pump seal. Replace if damaged or brittle. Apply glass cleaner to rubber seal. Apply grease to end of driveshaft.**

Secure jet pump assembly using OEM bolts (4). **NOTE: Apply blue Loctite to bolts. Torque bolts in a criss-cross pattern to 5.2 ft•lb (7 N•m).**

Replace RiDE & VTS rods. **NOTE: Apply grease to ball joints. Ensure rods are properly secured to ball joints.**

Reconnect bilge hose fitting on reduction nozzle. Secure with supplied zip tie.

Replace ride plate and secure with OEM bolts (4). **NOTE: Apply blue Loctite to bolts. Torque bolts to 13 ft•lb (17 N•m).**

Thoroughly clean waterbox outlet and rear exhaust outlet with a non-residual cleaner.

Install one supplied coupler and two supplied clamps onto waterbox outlet. Install remaining supplied coupler and clamps onto rear exhaust outlet.

Apply glass cleaner to both ends of supplied exhaust tube. Slide couplers onto exhaust tube, evenly splitting the amount of material on the tube and the outlets.

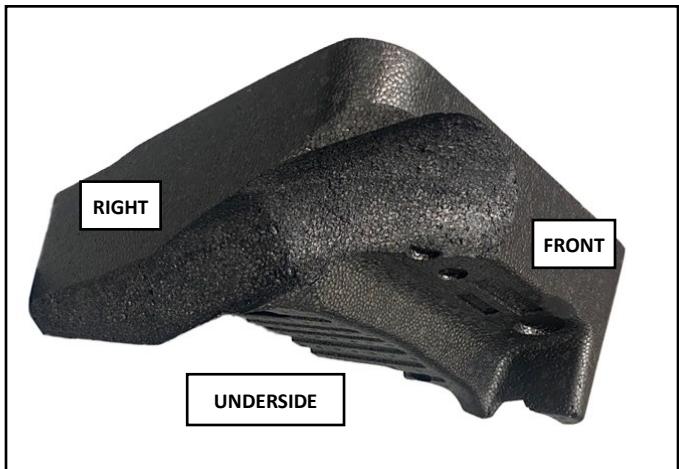


Verify alignment of exhaust tube and tighten clamps (4). **NOTE: Do not overtighten clamps.**

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

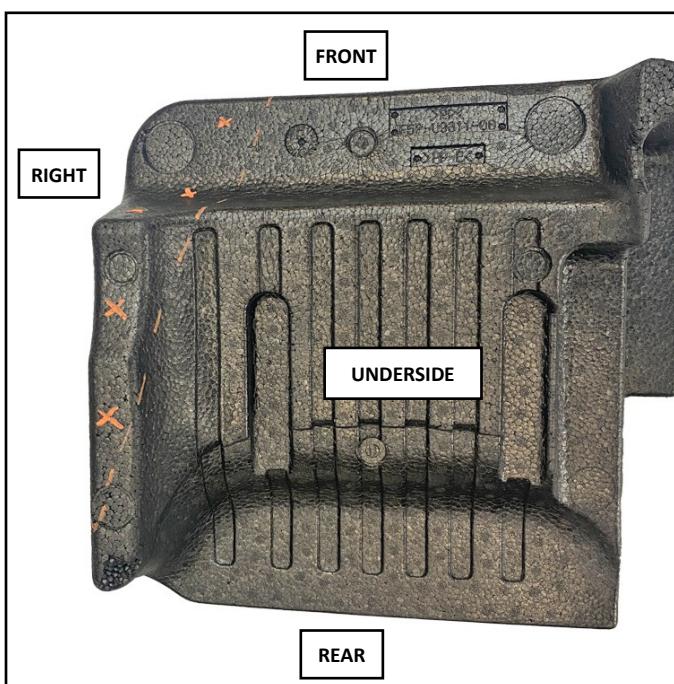
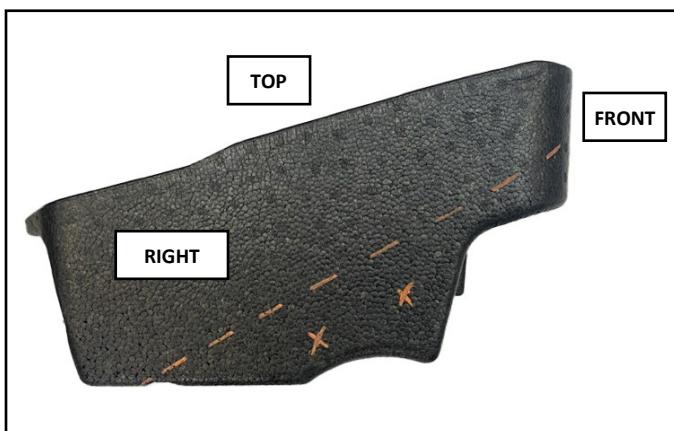
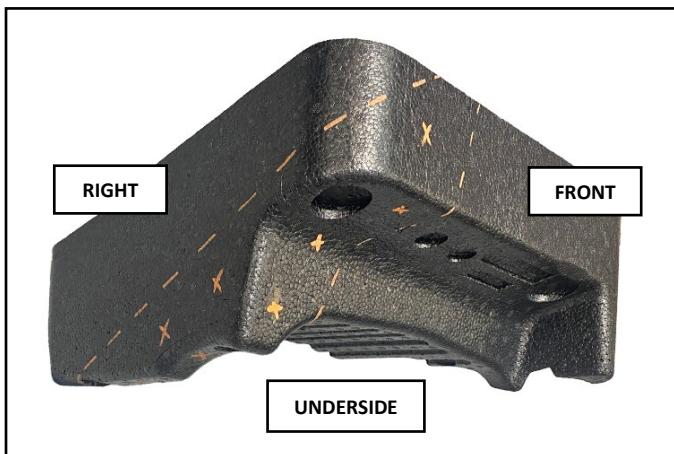
Check bilge for rags, tools etc.

It will be necessary to modify the floatation foam to accommodate the rear exhaust tube. Visual references are provided as guidance. Remove material little by little, test fitting each time. Underside of floatation foam should rest against top of the pump tunnel and not on exhaust tube when modified properly.



See next page for more reference images.

- INSTALLATION INSTRUCTIONS -



Replace rear deck section in reverse order. **NOTE:** Apply blue Loctite to bolts (A) securing main deck and rear deck together. Do not overtighten bolts.



Replace rear bumper. **NOTE:** Reconnect reverse cable at reverse bucket (left side).

Replace rear corner bumpers. **NOTE:** Ensure rubber grommets are in place under rear corner bumpers.

Replace inserts *carefully*!

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 Rear Exhaust 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.

- INSTALLATION TEMPLATE -

Rear Exhaust Kit

RY15210

