



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## Rear Exhaust Kit

**PART# - RY15060**

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 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.

**APPLICATION(S):** Yamaha VXR & VXS

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

### - INSTALLATION INSTRUCTIONS -

Remove seat.

Remove small exhaust baffle (1 clamp) and discard.



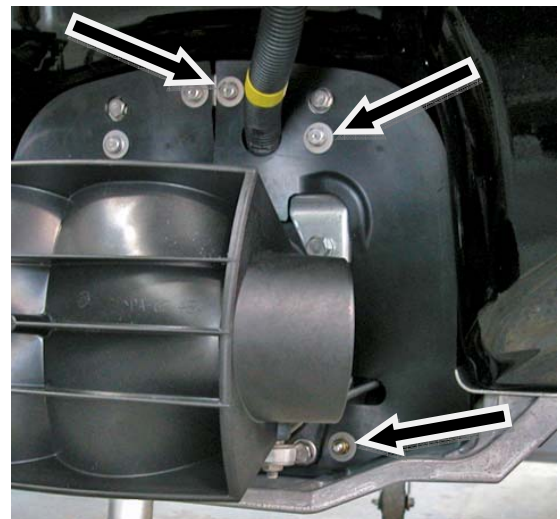
Remove exhaust hose (2 clamps) and discard. Leave one clamp at water box outlet.



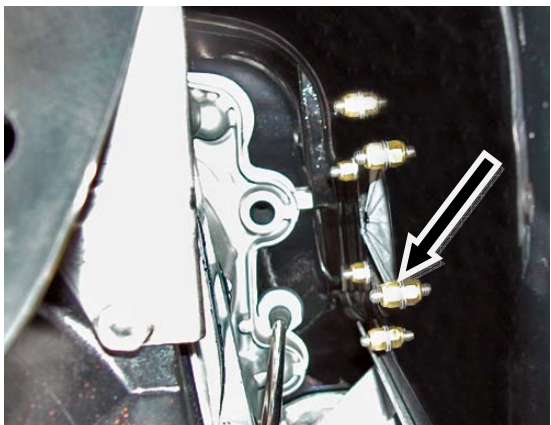
Remove exhaust baffle (1 clamp) and discard. Retain clamp.



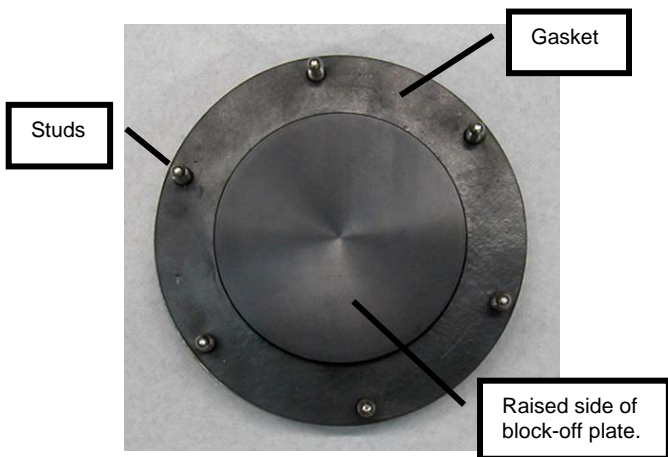
At jet pump remove bolts (2) and nut (1) securing sound suppression flap at right side of pump.



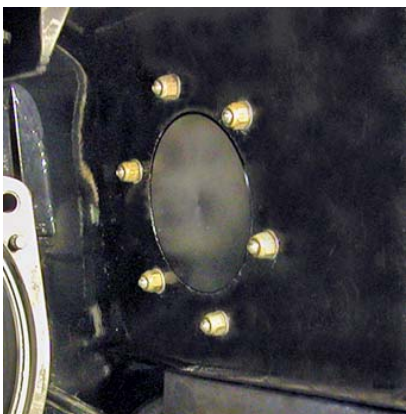
Remove nuts & washers (6) securing stock exhaust outlet to hull. Remove outlet and discard. Retain hardware.



Place supplied billet exhaust outlet block-off onto stock exhaust collar so that raised side of block-off faces the same direction as the six threaded studs. Install supplied rubber gasket over studs and onto billet block-off (adhesive side first).



Install stock exhaust outlet block-off from inside hull. Secure using stock nuts & washers (6 each). **NOTE: Do not over tighten nuts.**



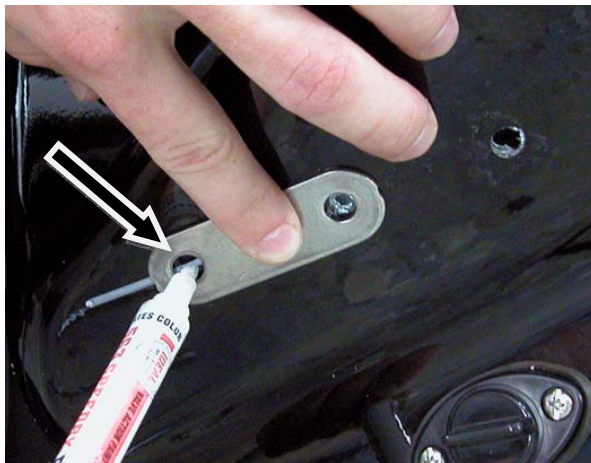
Inside hull at right rear area remove nuts (2) securing tie down cleat.



Outside of hull remove tie down cleat. Using a straight edge draw a line 3~4 inches long towards jet pump directly in line with original mounting holes.



Using exterior tie down cleat mounting plate, mark location for new hole.

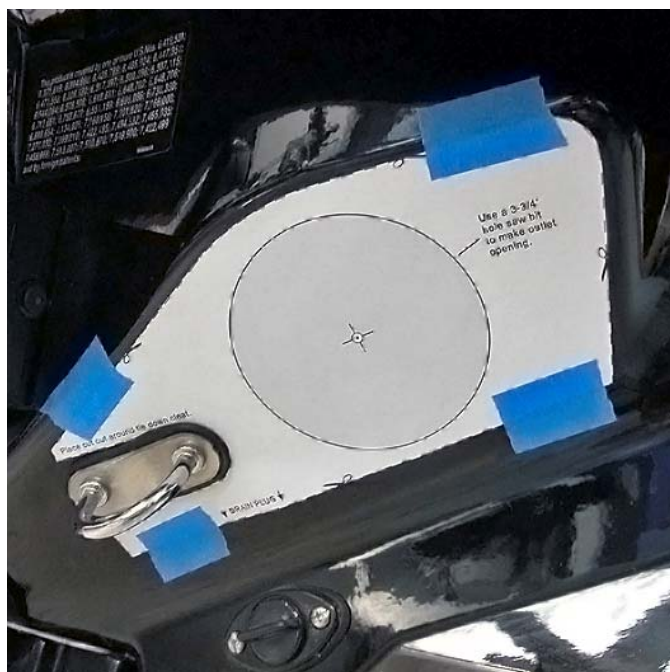




Drill new hole. Replace tie down cleat. **NOTE: Apply "below waterline" silicone sealant around threaded posts on cleat. Do not over tighten nuts.**



Cut out supplied template (last page) and affix to right rear side of hull using tie down cleat as a reference point.



Drill a small pilot hole at center of large dark gray circle (at cross hairs). Remove template. Using a hole saw bit no larger than 3-3/4" create hole for outlet.

Test fit supplied billet exhaust outlet. It may be necessary to grind or file additional material to enable outlet to fit. **NOTE: Do not remove too much material. Outlet should just fit into opening.**

Thoroughly clean hull inside and out.

Insert supplied billet exhaust outlet into newly created opening in transom. Align and secure with tape.



Drill one bolt hole and insert one supplied M6 button head screw. Repeat for remaining five bolts working from opposing sides.

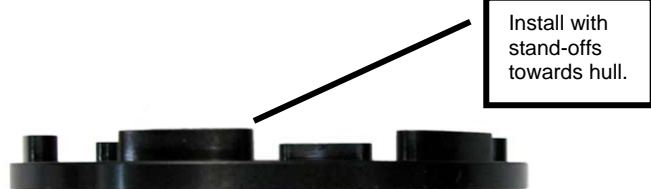
Remove outlet and thoroughly clean outlet and hull both inside and out.

Install supplied rubber gasket onto back of billet exhaust outlet flange (adhesive side first). Apply "below waterline" silicone sealant onto gasket.

Install outlet into hull and secure with tape. Apply Blue Loc-tite to two of the six supplied button head bolts and insert half way into outlet opposite each other.



From inside of hull carefully place supplied billet collar (side with raised stand-offs towards hull) onto exhaust outlet.



Slide collar onto outlet until you feel it touch the ends of the two bolts. Carefully try to center the top of one or both of the bolts in the threads in the collar. From outside of hull slowly tighten bolt aligned with collar. Once you feel it grab tighten a few turns. Move to opposite bolt and do the same. Once bolts easily screw into collar install remaining bolts and tighten evenly. **NOTE: Apply blue Loc-tite to bolts. Do not over tighten.**



Remove excess silicone from edge of outlet flange.

Install one of the supplied exhaust couplers onto billet exhaust outlet completely. Secure using supplied hose clamp. **NOTE: Do not over tighten clamp.**



Thoroughly clean outside of water box outlet with a non-residual cleaner. Install second supplied exhaust coupler onto outlet and secure with clamp left on outlet during removal process. **NOTE: Do not over tighten clamp.** Loosely install two previously removed OE clamps over exhaust coupler.



Insert straight end of supplied exhaust tube into rear exhaust outlet coupler. Insert curved end of exhaust tube into coupler on water box outlet. **TIP:** Use window cleaner to ease installation.



**NOTE:** It may be necessary to rotate water box to align outlet with exhaust tube. Loosen clamp securing coupler at water box inlet.





Slide one of the loose clamps on water box coupler over tube to exhaust outlet and secure. **NOTE: Do not over tighten clamp.**

Align loose clamp on water box outlet coupler with exhaust tube flange and secure. **NOTE: Do not over tighten clamp.**

Secure clamp at water box inlet coupler. **NOTE: Do not over tighten clamp.**

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 Rear Exhaust Kits 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.

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**RIVA Racing VXR/VXS Rear Exhaust Outlet Template**

