



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

Pro-Series Sea-Doo Reduction Nozzle
PART# - RS23050-N

APPLICATIONS: RXP-X/RXT-XRXP/RXT/GTX-SC Ltd.

- INSTALLATION INSTRUCTIONS -

1. Remove D.E.S.S. lanyard.
2. Disconnect steering cable from steering nozzle. (see illustration #1)
3. Disconnect VTS trim rod from VTS trim ring. (see illustration #1)
4. Disconnect reverse gate cable from reverse gate linkage. Disconnect reverse gate return spring. (see illustration #2).
5. **RXP-X/RXP Models Equipped with O.P.A.S. If O.P.A.S. was removed proceed to step# 6.**
5.1.1 Disconnect O.P.A.S. arms from bracket connected to bottom of steering nozzle. (see illustration #3)
- RXT-X/RXT/GTX-SC Models Equipped with O.P.A.S. If O.P.A.S. was removed proceed to step# 6.**
5.2.1 Remove bolts securing steering nozzle and VTS trim ring to reduction nozzle (at top & bottom). (see illustration #3)
- 5.2.2 Remove steering nozzle and set aside.
6. Remove bolts securing VTS trim ring to reduction nozzle (at sides). Remove VTS trim ring.

RXT-X/RXT/GTX-SC Ltd. Models Only:

- 6.1.1 Disconnect O.P.A.S. hose from barbed fitting in hull above pump. (see illustration #2).
- 6.1.2 Install supplied rubber vacuum cap onto thru-hull fitting and secure with stock hose clamp.
7. Remove the four M8 bolts securing OE reduction nozzle to pump stator. Remove OE reduction nozzle and discard.
8. Thoroughly clean pump stator mating surface.
9. Install appropriate interchange nozzle ring and secure using supplied set-screws. **NOTE: Apply pipe thread sealant to threads of set screws. Do not over tighten.**

Nozzle Ring Application Chart:

215hp RXP & RXT using complete RIVA Stage III Kit:	82mm
255hp RXP-X using complete RIVA Stage I Kit:	82mm
255hp RXT-X using complete RIVA Stage I Kit:	83mm

NOTE: We have supplied two additional nozzle rings to enable you to tune to optimal rpm and performance for your conditions or application. Additional sizes are available. Always use an aftermarket tachometer to verify rpm.

10. Apply a thin layer of silicone sealant to mating surface of Pro-Series Reduction Nozzle and install using original M8 bolts. **NOTE: Use BLUE Loc-Tite. Do not over tighten bolts.**
11. Replace VTS trim ring, steering nozzle, reverse cable, reverse gate return spring, steering cable and VTS trim rod in reverse order of step's 2~6. **NOTE: Use BLUE Loc-Tite on all bolts. Do not over tighten bolts.**

Remember, the water belongs to everyone. Please ride responsibly!

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 Pro-Series Reduction Nozzles 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 must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.

- INSTALLATION IMAGES -

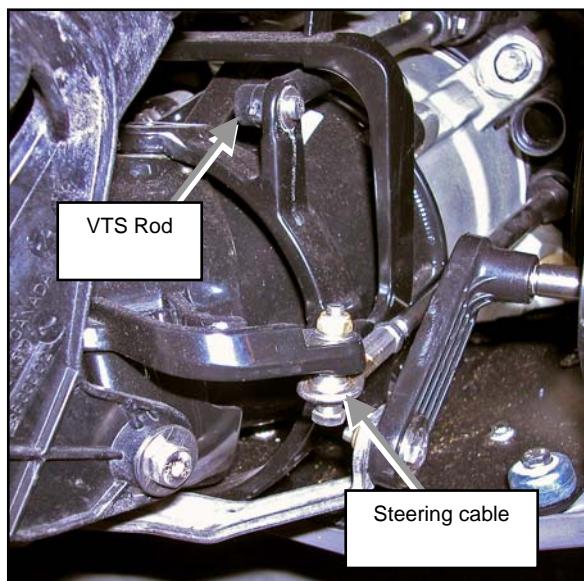


Illustration #1

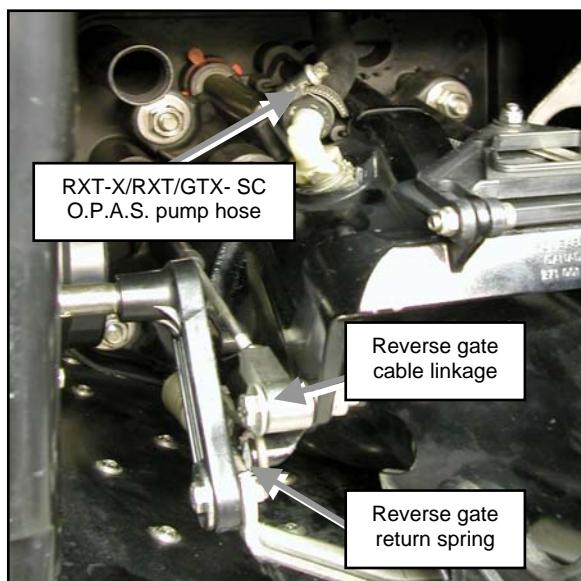


Illustration #2

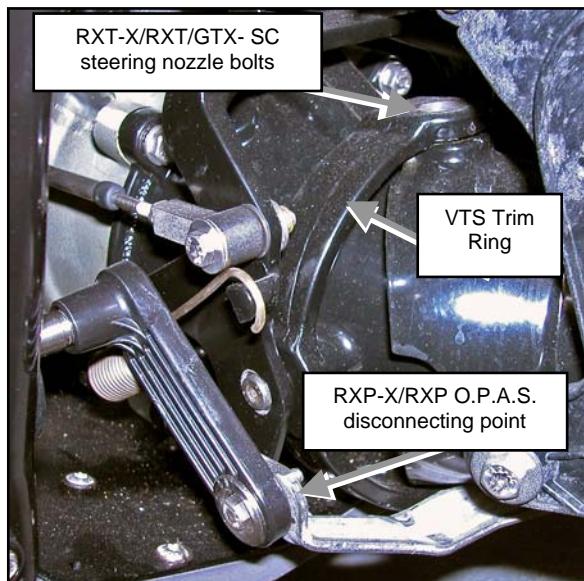


Illustration #3

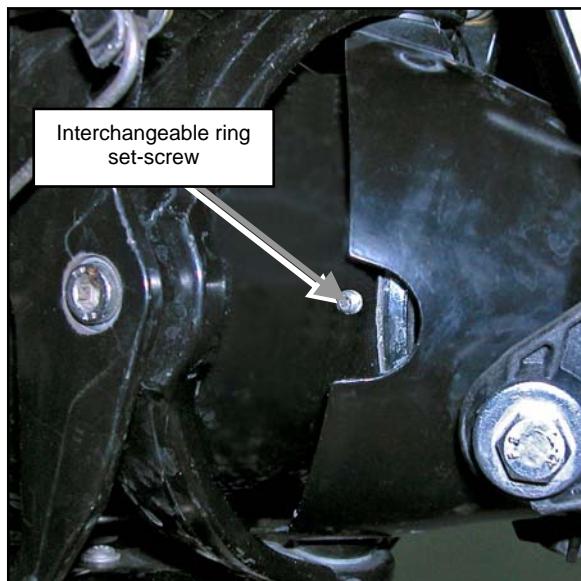


Illustration #4