



Performance Pump Cone **PART# - RY 3119 / 3120**

INSTALLATION INSTRUCTIONS

APPLICATIONS: 1999-'00 XL1200Ltd; 1999-'01 XR1800; 2000-'01 GPR1200R; 2001 XLT1200.

NOTE: This is a Riva Yamaha racing component. It is designed for competition use only. Failures caused by the use of this component are not covered by the Yamaha limited warranty.

WARNING! DISCONNECT BATTERY AND TURN FUEL OFF BEFORE PERFORMING WORK!

1. Disconnect battery cables from battery and turn fuel cock valve to off position.
2. Using a 1/4" drive ratchet, 1/4" X 8" or longer extension and 1/4" X 10mm socket, remove the three 6 X 20mm OE bolts holding the OE Pump cone on the rear of the impellor duct assembly (Pump Stator or Vein Housing) (**Refer to illustration #1**).
3. Remove the OE pump cone by lightly applying pressure downwards while pulling. ***NOTE: OE pump cone can be extracted from pump without removing steering and reduction nozzles by slightly tilting point down.***
4. Carefully remove the o-ring on the OE pump cone and install into o-ring groove on Riva Performance Pump Cone (**Refer to illustration #4&5**). Remove any excess grease inside OE pump cone and place inside Riva Performance Pump Cone. ***NOTE: Apply a small amount of grease to o-ring when installed.***
5. Carefully insert Riva Performance Pump Cone into steering and reduction nozzles by tilting point down and install onto impellor duct assembly hub (**Refer to illustration #3**). ***NOTE: The Performance Pump Cone has an asymmetrical shape. The arrow marked on the hub end of the Performance Pump Cone points down when installed correctly. Be sure angle of cone is pointing up and boltholes are aligned.***
6. Loosely install the three 6 X 20mm OE bolts, tighten bolts evenly so as not to pinch o-ring and torque to 7 Nm (0.7/kg • 5.1ft/lbs). ***NOTE: Use Loctite 572 on all bolts.***
7. Inspect pump thoroughly for hardware and/or foreign objects. Installation is now complete.

Riva Yamaha Performance Pump Cone Limited One Year Warranty

Riva Yamaha Performance Pump Cones carry a limited one-year 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 billet aluminum components only. Anodized finish, wear marks, O-rings and hardware are not covered under this warranty.

Riva Yamaha's liability is expressly limited to the repair or replacement of the billet aluminum component contained within or associated with this pump component. Riva Yamaha agrees to repair or at Riva Yamaha's option, replace any defective unit without charge, if product is returned to Riva Yamaha freight prepaid within the warranty period. Any equipment returned which, in Riva Yamaha's opinion, has been subjected to misuse, abuse, overheating or accident shall not be covered by this warranty.

Riva Yamaha 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.

**Remember the water belongs to everyone! Please
ride responsibly!**