



GPR RACE GRATE / PUMP SHOE **PART# - RY22520**

INSTALLATION INSTRUCTIONS

APPLICATIONS: GP800R & GPR1200R modified to Limited or Superstock specifications.

REQUIRED ITEMS: Marine-grade / mildew resistant silicone
Loctite 572 (blue)

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!

NOTE: IT IS RECOMMENDED THAT YOU WEAR SAFETY GLASSES WHEN PERFORMING THIS TASK

1. Disconnect battery cables from battery and turn fuel cock valve to off position.
2. Remove the four OE 8 X 35mm bolts from the OE pump inlet shoe and the two OE 6 X 30mm bolts from the front of OE intake grate. Carefully grab intake grate just in front of pump inlet shoe and pull down. ***NOTE: If you have siliconed your OE pump inlet shoe previously you will need to carefully cut away the silicone between the pump inlet shoe and hull. It may be necessary to pry the rear / sides of the pump inlet shoe while pulling down on the intake grate.***
3. Carefully clean pump inlet, pump plate and intake tract.
4. To ensure proper fit and alignment, install Riva Race Grate onto Riva Pump Inlet Shoe using the two included 6 X 15mm bolts. Push intake grate towards rear of pump inlet shoe and tighten. **DO NOT APPLY SILICONE, LOCTITE OR TORQUE BOLTS YET. This will be done later in the installation.**
5. Apply a generous amount of silicone onto the Riva Race Grate / Pump Inlet Shoe and hull / pump inlet shoe mating surfaces (**Reference installation images 1 & 2 on page 3**). Using the four included 8 X 25mm and two 6 X 25mm bolts, install the Riva Race Grate / Pump Inlet Shoe into pump inlet. ***NOTE: Be sure the pump inlet shoe is pushed to the rear as far as possible while remaining parallel to drive shaft when installing.*** Torque the four OE 8 X 35mm bolts to 17 Nm (1.7 m • kgf, 12 ft • lb). ***Use Loctite 572 on the four 8 X 35mm bolts.***
6. Remove the intake grate and excess silicone in intake tract and underside of hull. ***NOTE: Do not use chemicals when cleaning silicone.***
7. Apply silicone onto the Riva Race Grate / Pump Inlet Shoe (filling the small void in the rear) and into the Riva Pump Inlet Shoe / Race Grate mating surfaces (**Reference installation images 3 & 4 on page 3**).
8. Install intake grate using the included 6mm bolts. ***NOTE: Use Loctite 572 on all bolts.*** Push intake grate towards rear of pump inlet shoe. Torque to 7 Nm (0.7 m • kgf, 5.1 ft • lb). ***NOTE: BE SURE THE 6 X 25mm BOLTS ARE INSTALLED IN THE FRONT OF THE INTAKE GRATE AND THE 6 X 15mm BOLTS ARE INSTALLED IN THE REAR OF THE INTAKE GRATE.*** Remove excess silicone in intake tract and underside pump inlet shoe. ***NOTE: Do not use chemicals when cleaning silicone.***
9. Inspect intake tract for tools, rags, etc and reinstall battery cables.
10. Allow silicone to cure for at least 24 hours.



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INSTALLATION INSTRUCTIONS (cont.)

Riva Yamaha Limited 1-Year Warranty

Riva Yamaha's GPR Race Grate / Pump Shoe 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 aluminum components only. Anodized finish, wear marks in or on intake grate, pump inlet shoe and hardware are not covered under this warranty.

Riva Yamaha's liability is expressly limited to the repair or replacement of the aluminum components contained within or associated with this intake grate / pump inlet shoe. 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.

IMPORTANT: Technical Support

For answers to questions regarding installation or trouble shooting Riva Yamaha Performance Products please contact:
Riva Yamaha Tech Line @ (954) 247-0705 or online at tech_support@rivayamaha.com
Or you're local Yamaha Dealer

Remember the water belongs to everyone!
Please ride responsibly!



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INSTALLATION IMAGES

ILLUSTRATION 1

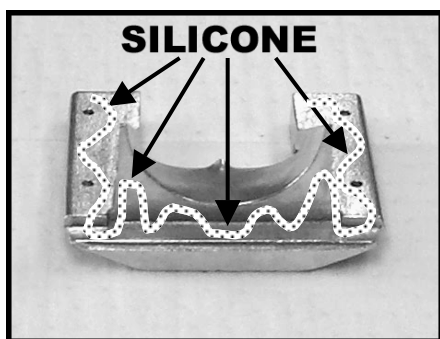


ILLUSTRATION 2

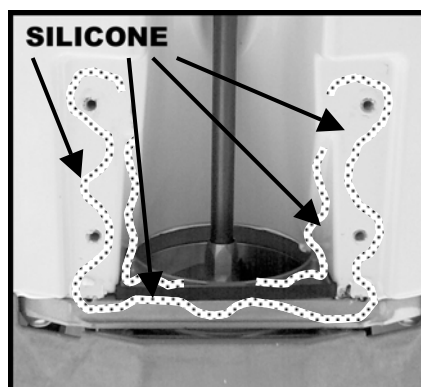


ILLUSTRATION 3

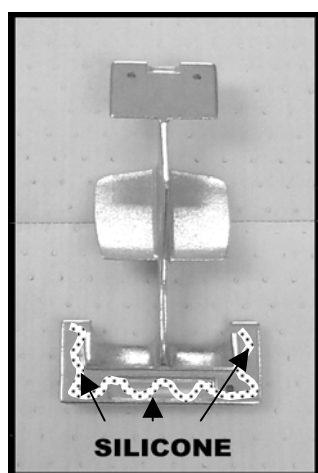


ILLUSTRATION 4

