



## H1 Race Charger Impeller & Housing

**PART# - RY17040-IH-H1**

**FOR COMPETITION USE ONLY. RIVA Racing is not liable for possible damage to associated parts or labor costs incurred due to the installation of this racing component.**

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, hoses 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 FX-SHO & FZ Models

<b><u>Required tools</u></b>	<b><u>Part#</u></b>
IN•LB Electronic Torque Wrench	N/A
Service Manual	Please Call

### **IMPORTANT MODIFICATION NOTES:**

- Impeller shaft nut threads are left handed (reverse threads).
  - **Loosen = Clockwise**
  - **Tighten = Counter Clockwise**
- Torque impeller shaft nut **Counter Clockwise to 70 IN • LB MAXIMUM.**
- Use high temperature sealant on housing mating surfaces.
- Pre-lubricate impeller shaft with Yamalube 4M engine oil.

### **Performance Data:**

- 16.5psi @ 7,500rpm
- 17psi @ 7,700rpm
- 18psi @ 8,000rpm
- 20psi @ 8,500rpm

***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).