



P/N # RY2618-1

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Riva Yamaha on Line: <http://www.rivayamaha.com>

Riva Yamaha Pro Series II Sponsons

Applications: 1997-'99 Yamaha WaveRunner GP1200 / GP800 / GP760

Installation Instructions



List of Parts

Description	Qty.	RIVA Part #
Mounting Plate	2	RY2618-1-MP
Sponson Fin Left	1	RY2618-1-A/L
Sponson Fin Right	1	RY2618-1-A/R
1/4" Backing Plate Left	1	RY2618-1-B/L.25
1/4" Backing Plate Right	1	RY2618-1-B/R.25
1/2" Backing Plate Left	1	RY2618-1-B/L.5
1/2" Backing Plate Right	1	RY2618-1-B/R.5
Screw 1/4"-20 x 1-3/4	6	RY2618-1-C
Aluminum Spacer	6	RY2618-1-SP
Washers	6	N/A

Special Tools Required for Installation not included:

****Disconnect Battery before Starting Installation****

Warning: This kit is designed for installation by qualified professionals familiar with this type of work. It is considered to be difficult and installation should only be attempted by the very mechanically inclined. If you are unsure of your ability, please have a qualified professional install this kit.

Important: Read instructions fully before attempting installation.

1. Remove the two 12mm nuts on side of sponson and one 8mm nut with washer on bottom rear sponson adjuster. Remove the sponson and locknuts at the base of the 8mm studs. Repeat this procedure for opposite side.
2. Remove the cooler under rear seat to gain access to the inner hull area. Remove the water box and exhaust hose. Remove the foam inside hull area (*just behind bulkhead on left and right sides*). Remove the factory mounting plate and the two 10mm nuts holding the sponson adjuster bracket. Clean inside mounting area and remove any sealer. **Note:** Foam removal is necessary to mount the RIVA mounting plate to inside of hull. Do not rush this step. Repeat this procedure for the opposite side.
3. Using a ruler, measure and drill new sponson mounting holes in side of hull. **Note:** See "Measurement Diagram" for recommended drilling locations. Repeat this procedure for the opposite side.
4. Fill all factory (*old holes*) sponson mounting plate and sponson adjuster bracket holes with SMC compatible filler or sealer to prevent hull leaks. Repeat this procedure for the opposite side. **Note:** Let filler or sealer dry to manufactures recommendations before using WaveRunner.

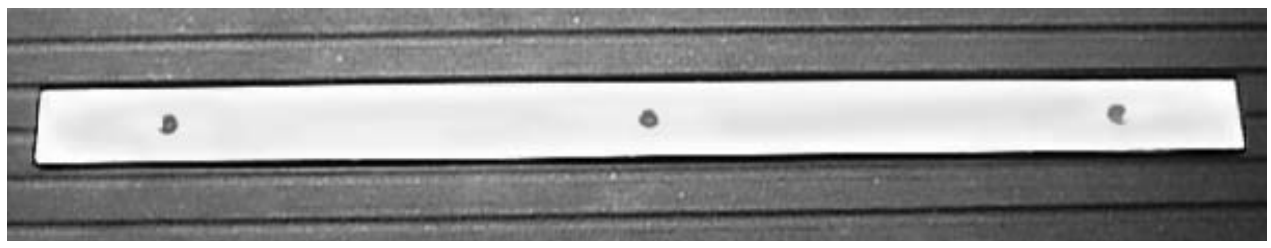


Figure 1

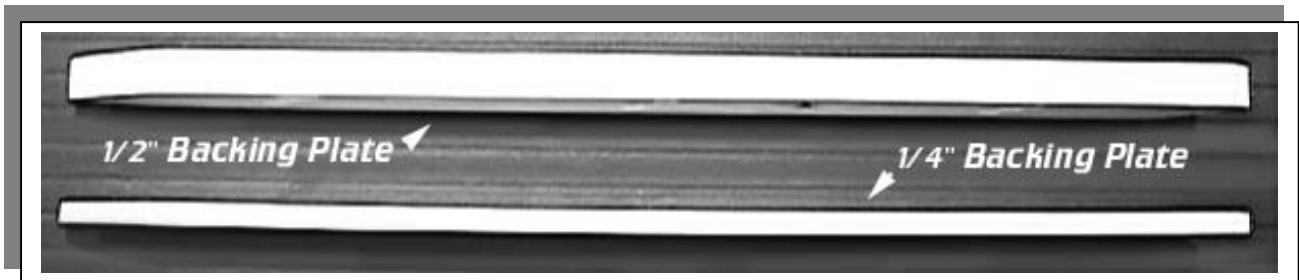


Figure 2

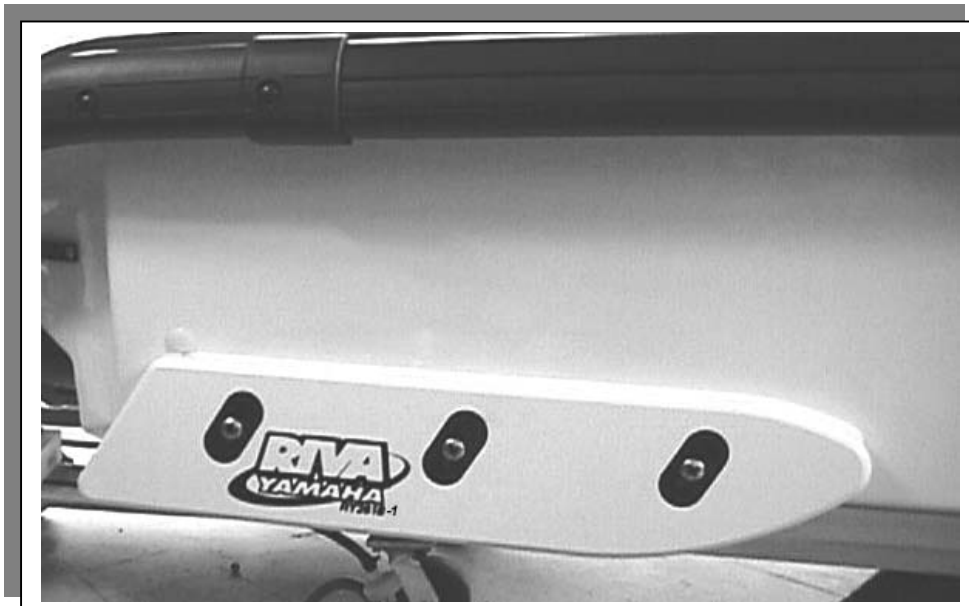


Figure 3.

Note: There are two style backing plates (1/4" and 1/2" thick), Shown in Figure 2.

Thin (1/4") Backing Plates: Mounting Thin Plate on outside of hull reduces planing surface at rear of boat providing less lift at rear of boat, letting nose of craft ride higher.

Thick (1/2") Backing Plates: Mounting Thick Plate on outside of hull creates more planing surface at rear of boat, providing more lift at rear of boat pushing nose down in water.

Backing plate and sponson positions are determined by rider preference, however most closed course racing setups use the thick (1/2") backing plate between the sponson and outside hull surface.

5. Secure one of the two supplied mounting plates (*Shown in Figure 1*), into position, (*inside hull area*) align with new holes drilled in hull and secure using *structural adhesive. Choose the correct side 1/4" or 1/2" backing plate (*Shown in Figure 2*) (*each size backing plate has a left and right side labeled on each plate.*), position desired holes in backing plate with correct side sponson and desired holes in sponson. With backing plate and sponson (with the rounded edge positioned forward) in position secure in place using three supplied wave washers and 1/4" x 20 screws. Torque screws to 5.8 ft-Lbs.. Repeat this procedure for the opposite side (*Shown in Figure 5*). **Tip:** Use duct tape to help hold backing plate in place when mounting into position. **Note:** Apply silicone to backing plate surfaces, around newly drilled holes and on screws to prevent leaks.

To help seal any gaps between hull and backing plate, apply a generous amount of silicone to the hull side of the Riva backing plate. After installation, wipe excess silicone from hull. Let silicone dry to manufactures recommendations before using WaveRunner.

* Structural Adhesives recommend are; 3M Structural Adhesive Tube kit., 3M 5200 Adhesive Sealant, or Plio-grip 7770 (all available at Riva Yamaha)

Adjustment information

Lowering the sponsons increases turning ability, straight-line stability, and steering sensitivity.

Rough water conditions may require raising the sponsons.

This sponson set will affect the handling of your WaveRunner greatly. For best results your sponsons should be fine-tuned to your individual riding style, weight, and water conditions.

NOTE: IF USING WATERCRAFT IN COMPETITION, YOU MAY NEED TO ADJUST SPONSONS TO MEET RULES AND REGULATIONS REQUIRED BY RACE SANCTIONING BODY.

RIVA Yamaha Pro-Series II Sponson Kit Limited Warranty

RIVA Yamaha warrants this RIVA Pro-Series II Sponson kit to the original purchaser to be free of defects in materials and workmanship under normal use and service for a period of 30 days from the date of original purchase by the end user.

RIVA Yamaha agrees to repair or at RIVA's option, replace any defective unit without charge, if product is returned to RIVA freight prepaid within the warranty period. Any equipment returned which RIVA's opinion has been subjected to misuse, abuse, corrosion or accident shall not be covered by this warranty. Hardware, stripped threads, and broken fasteners are not covered by 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.

Any warranty claims must call for a "Return Authorization" before returning defective part(s). All warranty claims must be accompanied by a copy of the original invoice, R/A # and description of problem with part(s) being returned for inspection.

RIVA Yamaha will repair or replace any defective part(s) at our discretion. Replacement or repaired part(s) will be returned freight collect.

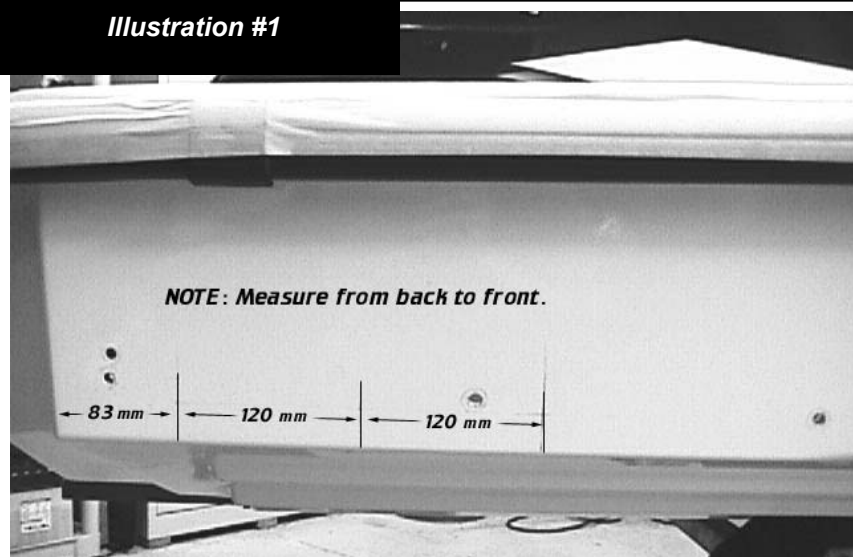
IMPORTANT: Technical Support

For answers to questions about installation, trouble shooting RIVA Yamaha RIVA Pro-Series II Sponson Kit, contact:

RIVA Yamaha Tech support @ (954) 247-0705 or your local Yamaha Accessory Dealer

<http://www.rivayamaha.com>

Illustration #1



Measurement Diagram

Note: These measurements are what Riva Yamaha recommends. However; these sponsons can be mounted in many other positions to accommodate rider preference and riding styles.

Step # 1. Measure from the rear vertical edge of hull forward to 83mm (3-1/4") and lightly mark location with a pencil.

Step # 2. Measure from the 83mm (3-1/4") location (step # 1) forward 120mm (4-11/16") and lightly mark location.

Step # 3. Measure from the 120mm (4-11/16") location (step # 2) forward 120mm (4-11/16") and lightly mark location. **Note:** Measurements for step # 1 - # 3 shown in Illustration #1.

Step # 4. Measure up 22mm (7/8") from the bottom edge of hull to the 83mm (3-1/4") location and lightly mark location (step #1 and Illustration # 2).

Step # 5. Measure up 22mm (7/8") from the bottom edge of hull to the 120mm (4-11/16") location and lightly mark location (step #2 and Illustration # 2).

Step # 6. Measure up 22mm (7/8") from the bottom edge of hull to the 120mm (4-11/16") location and lightly mark location (step #3 and Illustration # 2).

Step # 7. Drill holes in locations marked (shown in Illustration # 3).

Illustration # 2

