

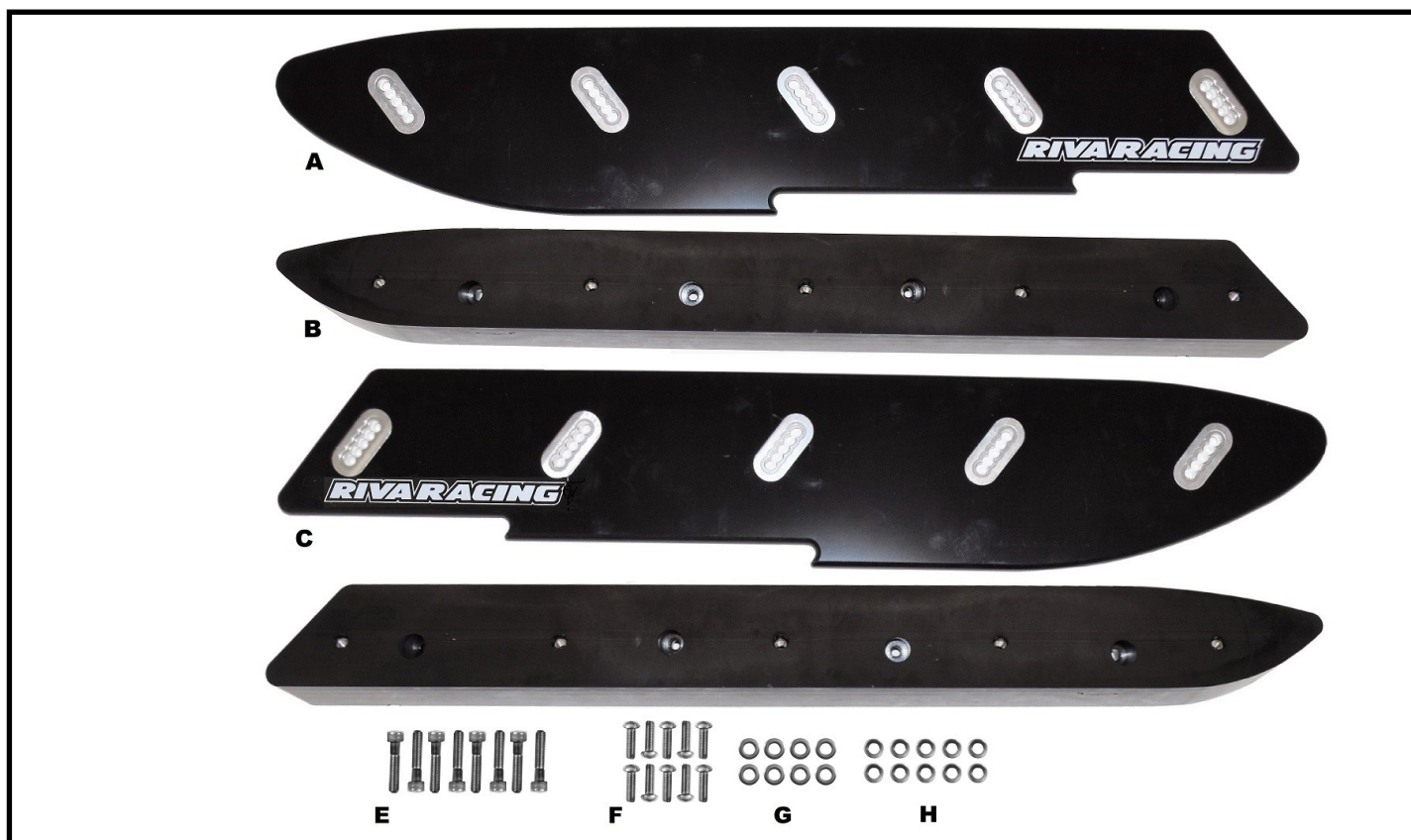


RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

Pro-Series Sponsons 2020+ GTR, GTI 130/170, and Wake 170

RS26180



Applications: 2020+ Sea-Doo GTR, GTI 130/170 and Wake 170

Approximate Installation Time: 4.0 hrs (Including removal and re-installation of top deck)

Recommended Specialty Tools:

None

Part #

N/A

Required Materials:

Blue Loctite

Silicone Sealant

Part #

N/A

N/A

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 hardware removed in the disassembly process will be used in the installation process. These instructions have been written in step-by-step format and refer to illustrations. Read through instructions entirely before performing installation. Please follow these step-by-step instructions and illustrations carefully.

***** ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION *****

***** NO SMOKING *** NO SMOKING *** NO SMOKING *****



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

RS26180 Pro-Series Sponsons

COMPONENT LIST

Item	Qty.	Part Number	Description	Comments
A	1	QCA-RS26180-A/L	Fin LH	
B	1	QCA-RS26180-B/L	Backing Plate LH	
C	1	QCA-RS26180-A/R	Fin RH	
D	1	QCA-RS26180-B/R	Backing Plate RH	
E	8	.8C50SHCS	Bolt, SHCS M8 X 1.25 X 50 SS	
F	10	824114SS	M8 x 25 BHCS	
G	8	.8NWTFS	8mm Flat Washers	
H	10	.8NWAWS	Wave Washer, 8MM	
I	10	RR26I-S5	5 Hole Insert	Assembled In Fins

Your kit was inspected and verified before being carefully packaged by our staff. Please check package contents before beginning assembly. If you have a question about missing or damaged items please contact RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivamotorsports.com

- INSTALLATION INSTRUCTIONS -

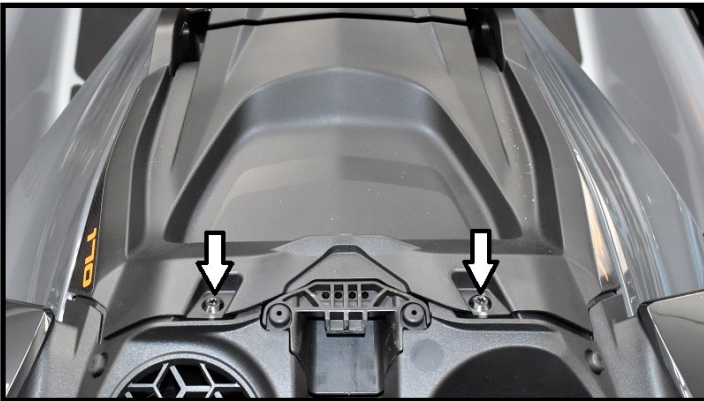
Part 1. Separating top deck from hull

While it is possible to install these sponsons kit in the conventional manner by reaching into the engine compartment through the top opening, RIVA recommends separating the top deck from the hull to facilitate access.

Remove seats.

Open front storage compartment and remove screws (2) retaining gauge panel. (Figure 1)

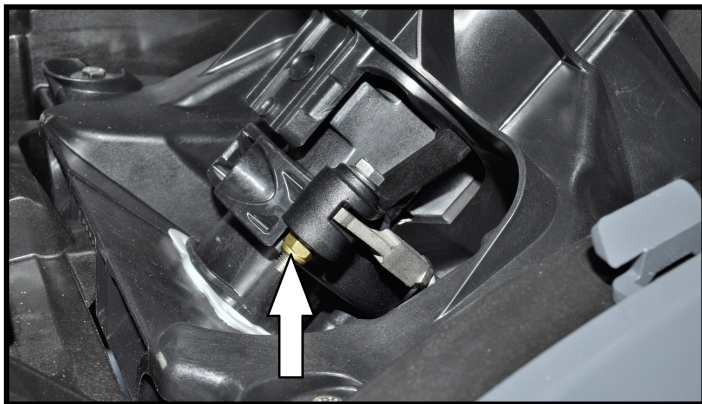
Figure 1



Pull gauge panel up to remove from craft.

Remove steering cable bolt and nut to disconnect steering cable. (Figure 2)

Figure 2



Remove screw securing left side lateral trim panel. (Figure 3)

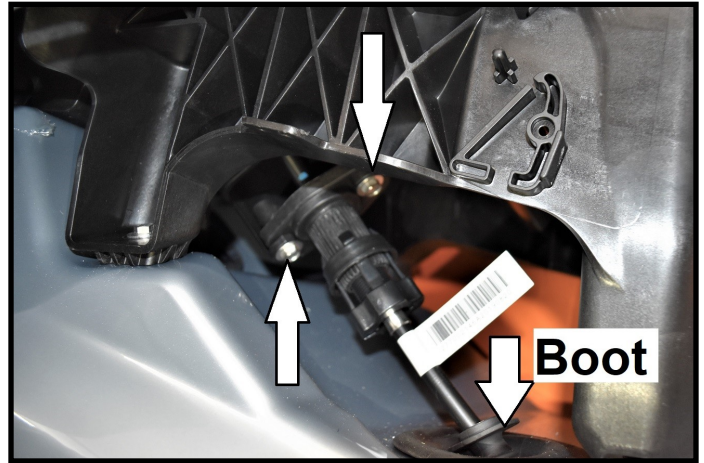
Figure 3



Pull trim panel straight back to remove from craft.

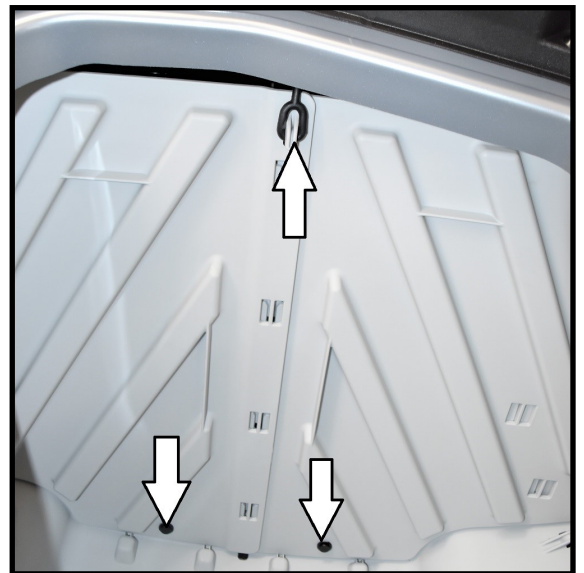
Remove bolts (2) securing steering cable adjuster to body. Push rubber boot down cable and free of body panel. (Figure 4)

Figure 4



Inside front storage compartment remove plastic rivets (2) and disconnect elastic cord. (Figure 5)

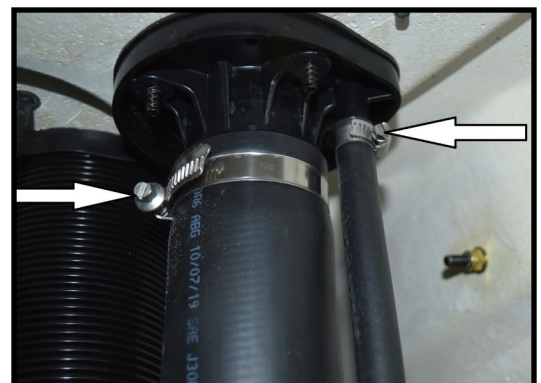
Figure 5



Separate bulkhead halves and remove from storage compartment.

Loosen hose clamps on fuel filler and vent hose. (Figure 6)

Figure 6

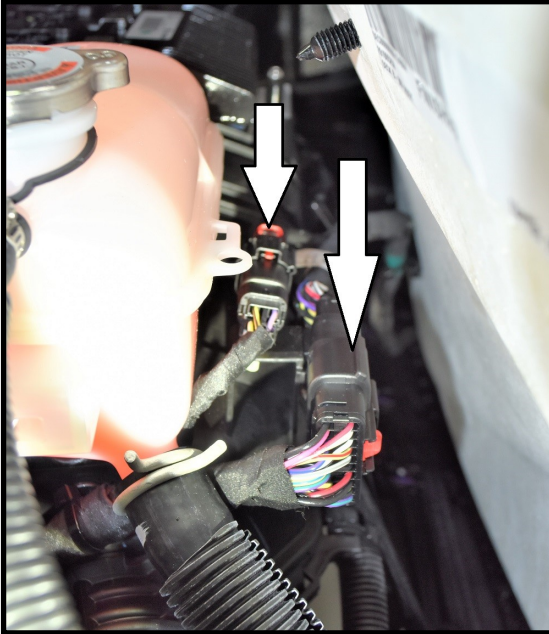


- INSTALLATION INSTRUCTIONS -

Remove fuel filler hose from fitting and cover with a clean shop rag. Remove vent line from fitting. Save clamps for re-installation.

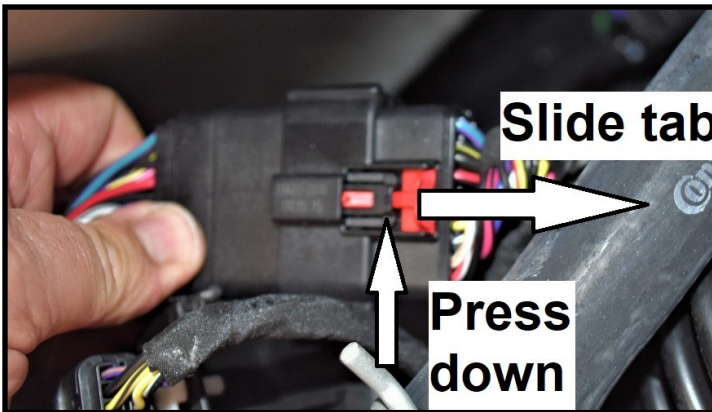
Inside engine compartment on right side of coolant reservoir locate two steering electrical harness connectors. (Figure 11)

Figure 11



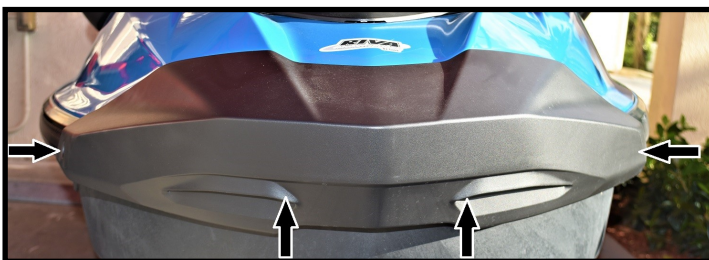
Slide the connectors off the holder. Slide the red tab all the way out. Press down on lock tab while pulling connector apart. (Figure 12)

Figure 12



Remove front bumper screws (4). (Figure 13)

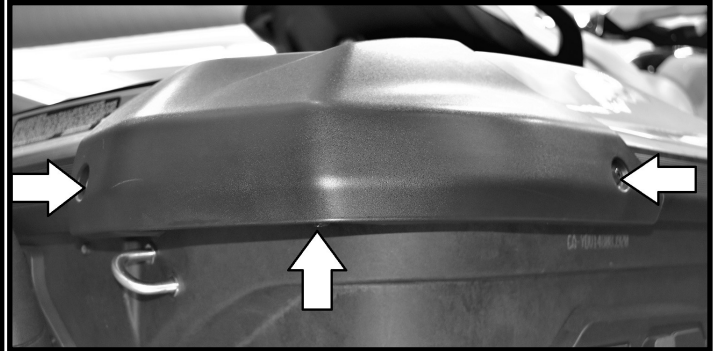
Figure 13



Remove front bumper.

Remove screws in both rear corner bumper covers. (3 per side.) (Figure 14)

Figure 14



Remove both rear corner bumper covers.

Grasp rear bumper and pull top edge out while rotating downward to remove bumper. (Figure 15)

Figure 15



Before removing side bumpers mark where one end of each bumper lies on body. This will make it easier to position the bumper correctly when re-installing. (Figure 16)

Figure 16



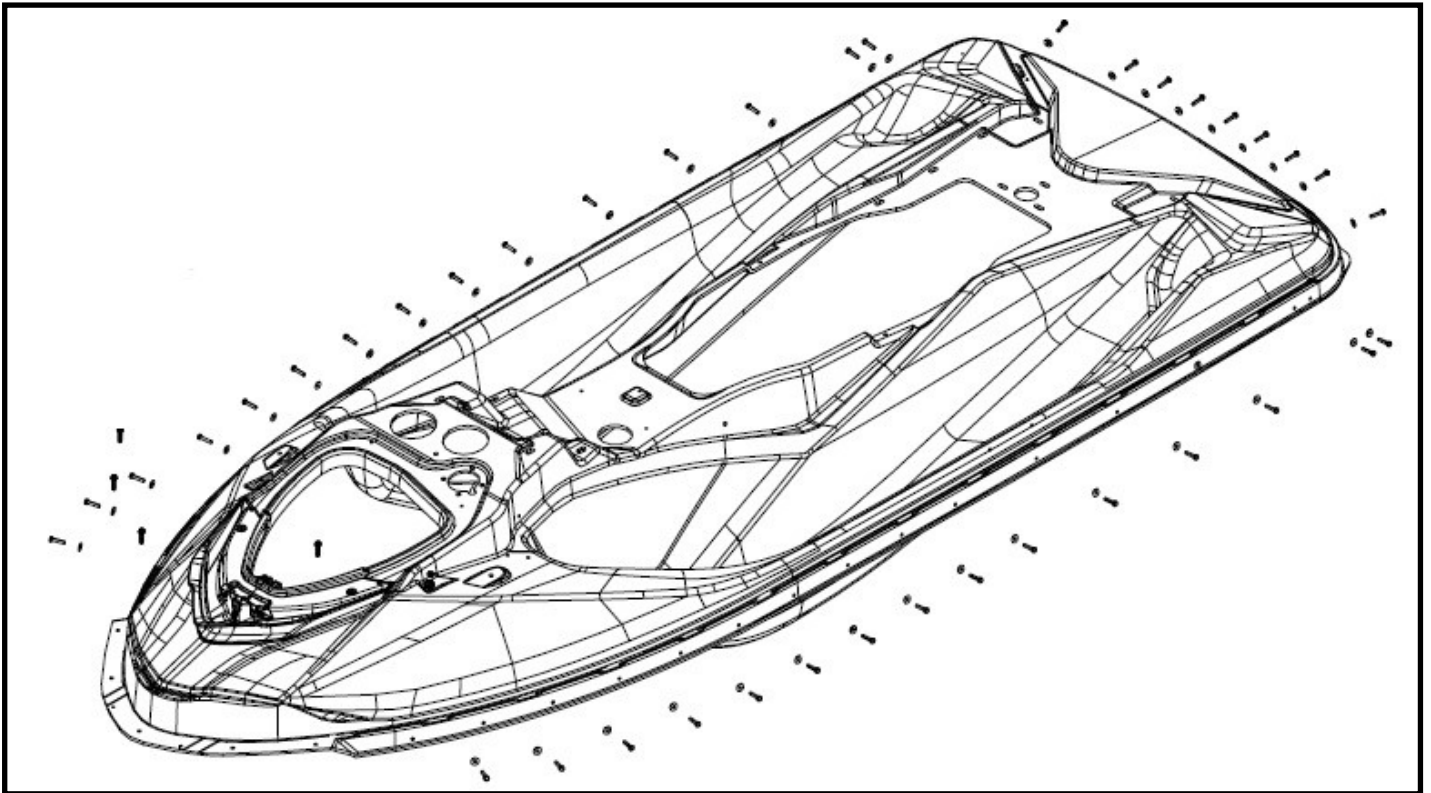
As with rear bumper, pull top of side bumpers out and rotate downward to remove from craft.

Place bumpers, corner bumper covers and screws aside for re-installation later.

- INSTALLATION INSTRUCTIONS -

Remove bolts (40) around the perimeter of the hull and top deck. (Figure 17)

Figure 17

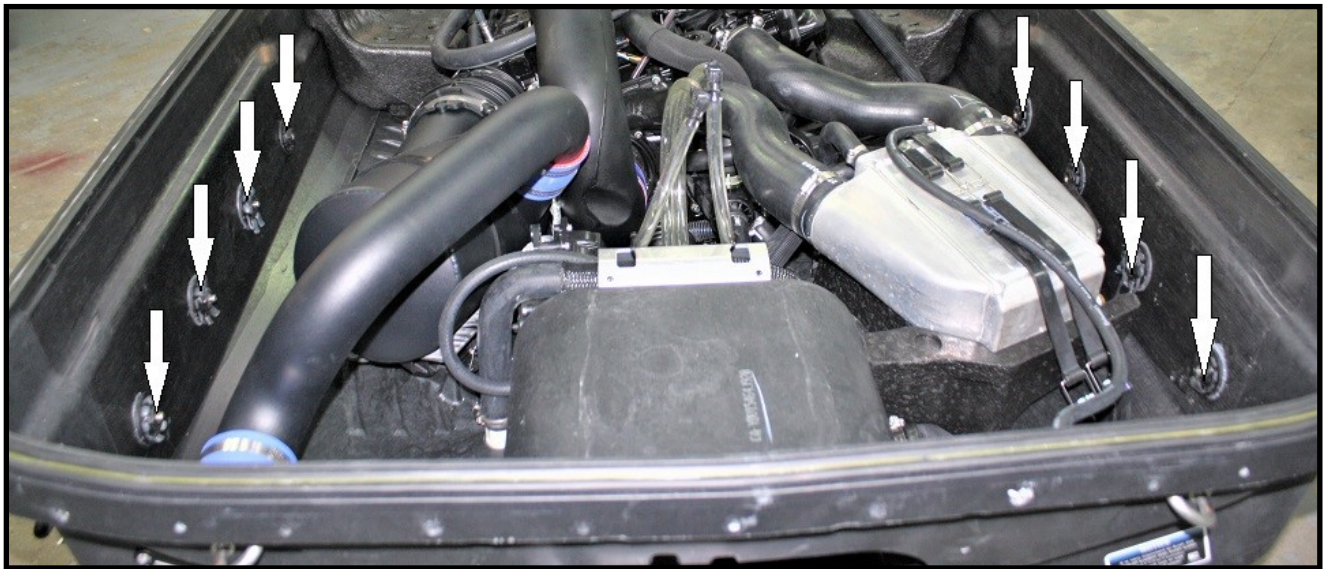


With assistance, remove top deck by lifting straight up from hull. Guide steering cable through cable access hole in top deck. Set top deck aside.

Part 2 Installation of Pro-Series Sponsons

Inside hull, hold sponson backing nuts (4 per side) using a 21mm wrench. (Figure18). **Note: Do not turn nuts.**

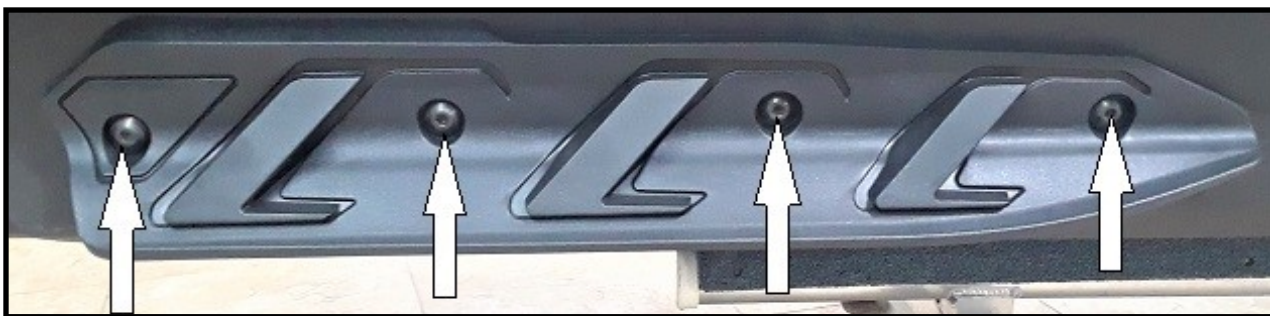
Figure 18



Remove torx head bolts (4) from OEM sponsons. (Figure 19, next page) **Note: Adhesive holding nuts to inside of hull is very easily separated from inner hull surface. Do not apply inward force on bolt heads or allow nuts to turn while removing bolts.**

- INSTALLATION INSTRUCTIONS -

Figure 19



Remove OEM sponsons from hull.

Clean any silicone residue from outside of hull. **Warning: Do not use chemicals in the list at right to clean the hull. These chemicals will damage the hull.**

Apply silicone sealant (recommended: Permatex "The Right Stuff") to back side of supplied backing plate around screw holes only. (Figure 20) **Note: Do not put sealant around perimeter of backing plate.**

Do NOT use cleaners and/or products containing:

- BRP HD Cleaner and Degreaser (P/N 293 110 001)
- Ammonia
- Alcohol
- Acetone or other ketones
- Toluene or other aromatic solvents
- Chlorinated solvents
- Mineral spirits
- Paint thinners.

Figure 20



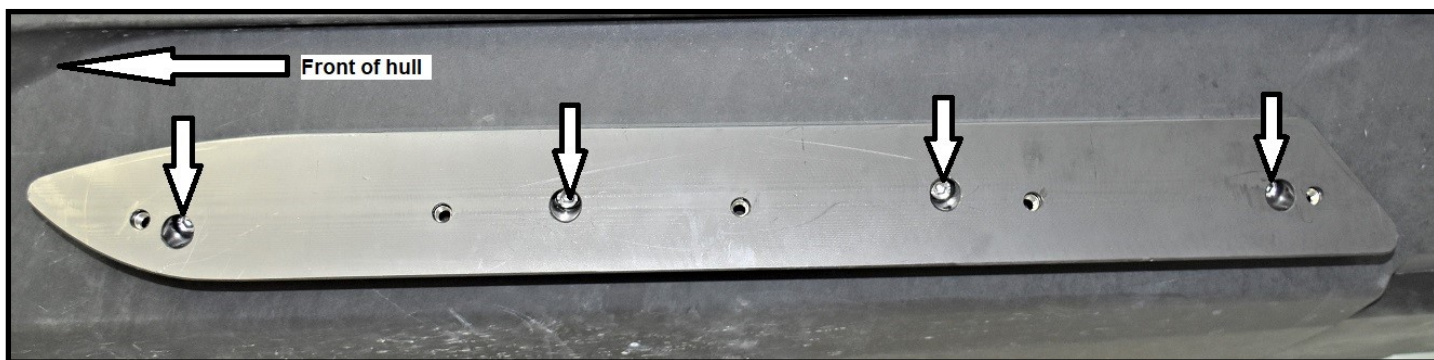
Note: If any nuts have separated from inner hull during removal or installation process, clean any silicone residue from nut and inner hull surface. Apply fresh silicone sealant to back side of nut prior to installing backing plate screw. Nuts have a boss on the back that fits into a hole in the hull. (Figure 21) Align boss with hole while installing screw.

Figure 21



Install supplied 8 mm flat washers, (one each) onto supplied M8 x 50 SHCS. (4 each side). Apply blue Loctite to bolt threads. While holding nuts inside hull with a 21mm wrench attach supplied backing plate. (Figure 22) Torque bolts to 13 ft.lb (17.5 Nm)

Figure 22



Install supplied 8mm wave washers to supplied M8 x 25 BHCS. (5 each blade) Apply blue Loctite to bolts. Assemble supplied sponson fins to previously installed backing plates. (Figure 23, next page) **Note: Refer to Sponson Tuning (page 8 of these instructions) for proper bolt placement.** Torque bolts to 13 ft.lb (17.5 Nm)

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Figure 23



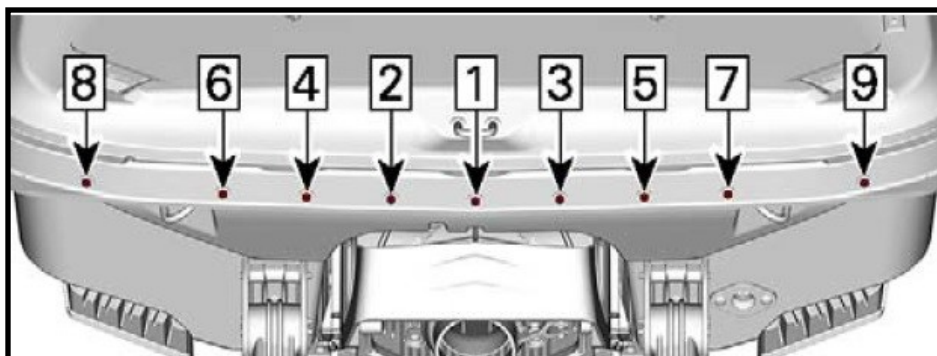
Part 3 Re-installation of top deck.

Check bilge for tools, rags, etc.

Re-install upper deck, steering, electrical connections and bodywork, reversing disassembly procedure, using previously removed OEM hardware. **Note: Verify hull seal is in place before installation of top deck.**

Install and tighten top deck to hull with OEM hardware beginning at the rear then moving from rear to front in a criss-cross pattern. Lastly, install fasteners at bow. (Figures 24-26) Torque fasteners to 5-1/2 ft.lb. (7.5 Nm)

Figure 24



Re-install bumpers with OEM hardware reversing removal procedure. Use alignment marks previously made to locate side bumpers. Install side bumpers first followed by rear and front bumpers.

Figure 25

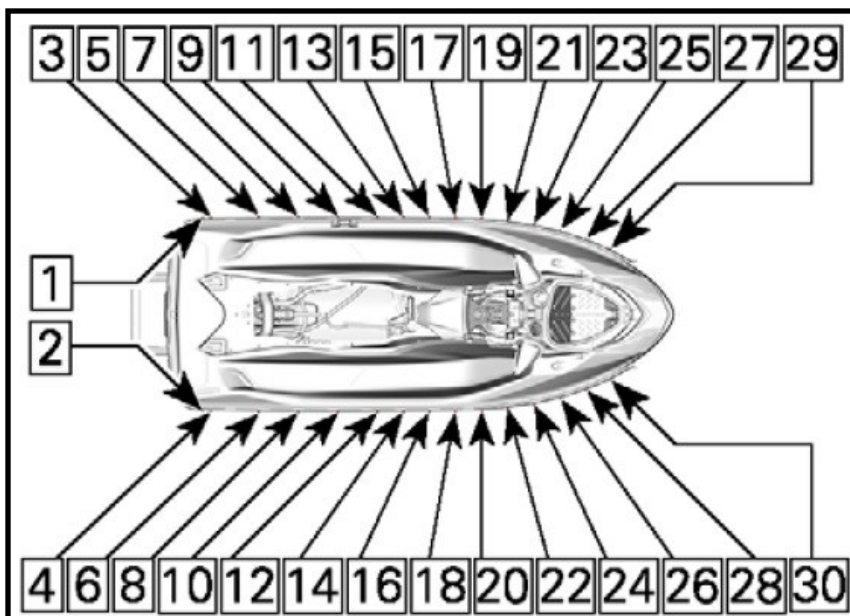
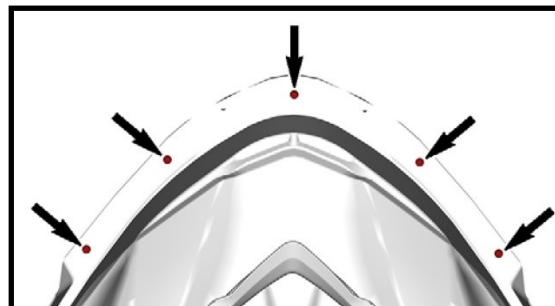


Figure 26



- INSTALLATION INSTRUCTIONS -

Sponson Tuning

There are five bolt holes in each fin insert to allow for adjustment of the sponson fin location. Installing the sponson bolts in the uppermost holes results in more fin engagement in the water allowing tighter turns. Installing the sponson bolts in the lowest holes results in less fin engagement in the water allowing the rear of the craft to slip more in turns. It is not necessary to separate the top deck to adjust sponson fin placement. RIVA recommends starting in the middle holes when first installing the fins. **Note: Always clean bolt threads and use fresh blue Loctite when installing fin bolts.**

***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.

Limited Warranty

RIVA Pro-Series Sponsons carry a 30 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 and a Return Authorization Number (RA#) must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.