



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

Stainless Steel Replacement Wear Ring

PART# - RS33-140-SK



APPLICATION(S): Sea-Doo Spark Models

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 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.

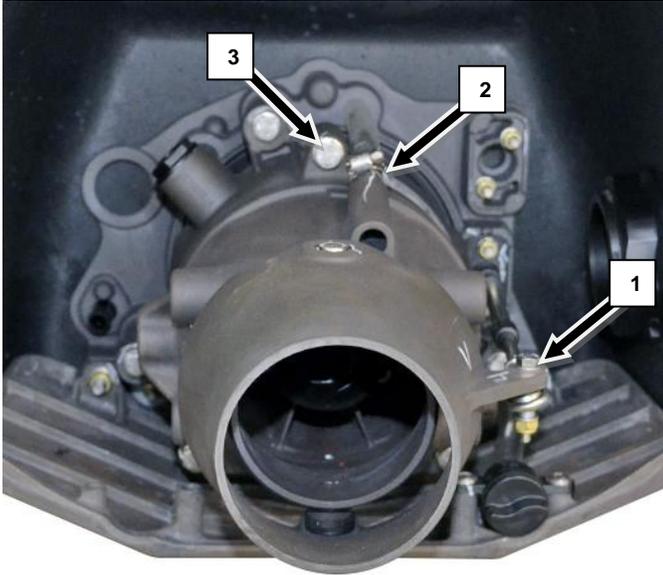
***** REMOVE LANYARD. DISCONNECT NEGATIVE BATTERY CABLE *****

- INSTALLATION INSTRUCTIONS -

Remove lanyard.

Disconnect negative battery cable.

Disconnect steering cable¹ from steering nozzle.



Remove plastic siphon bilge fitting² from top of reduction nozzle.

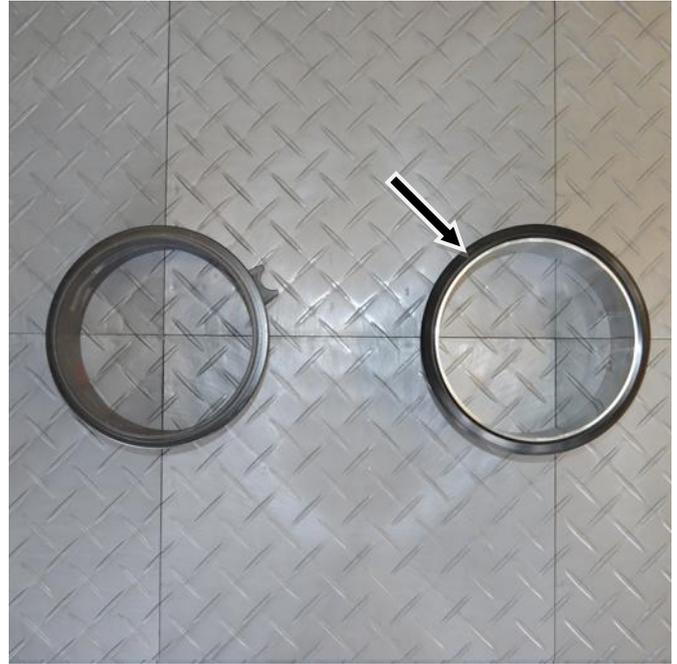
Remove bolts³ (3) securing pump to hull.

Remove pump.

Remove stock plastic wear ring from pump.



Transfer rubber seal from stock plastic wear ring to supplied Stainless Steel Wear Ring.



Install Stainless Steel Wear Ring onto pump.



IMPORTANT: Note position of radiused tab on Stainless Steel Wear Ring.

Spray glass cleaner onto rubber seal. Install pump assembly and secure using stock hardware. **NOTE: Apply blue Loctite to bolts. Torque bolts to 15 ft-lb (21 N-m).**

Reconnect steering cable to steering nozzle.

Reconnect plastic siphon bilge fitting on top of reduction nozzle.

Reconnect negative battery cable.

Installation is now complete. Thoroughly inspect engine compartment and bilge for tools, rags, parts, etc. Run craft on stand using flush kit to check for proper operation.

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 Stainless Steel Wear Rings carry a 90-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.