



RIVA RACING
PERFORMANCE PRODUCTS & ACCESSORIES

2018+ RXT/GTX (ST3) Top-Loader Intake Grate

RS22120



Applications: 2018+ RXT/GTX, 2019+ Fish Pro, 2019+ Wake Pro (230), and 2020+ GTR/GTI

Approximate Installation Time: 1 Hr.

Recommended Specialty Tools:

27/64" drill bit (Only for 2019 models)

Part #

N/A

Required Materials:

Silicone Sealer (Recommended Permatex "The Right Stuff")

Part #

N/A

Red Loctite

N/A

2019 Only ST3 (RXT, GTX, Fish Pro, and Wake Pro 230) models are subject to a recall to address a problem with the Intake Grate. If you are working with one of these 2019 models only, the proper corrective action, as determined by BRP, must be taken prior to the installation of the RIVA Top-Loader Intake Grate. Failure to complete the required recall as directed may result in severe injury or death. Contact your local Sea-Doo dealer for information regarding this recall.

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 *****

- INSTALLATION INSTRUCTIONS -

Remove seats.

Remove access cap (A) and screws (13) at locations shown. **Note: Screws at location B go through the deck and are secured with nuts and washers underneath. Do not drop nuts and washers into hull.** Retain hardware for re-use. (Figure 1)

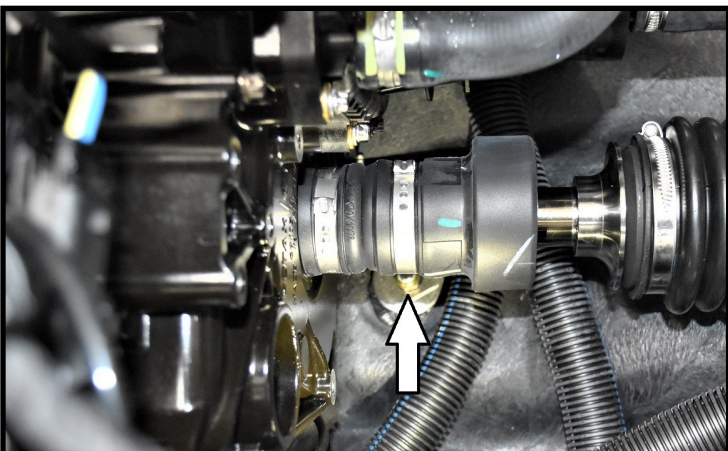
Figure 1



Remove engine compartment access cover.

Locate nut on front intake grate bolt. (Figure 2)

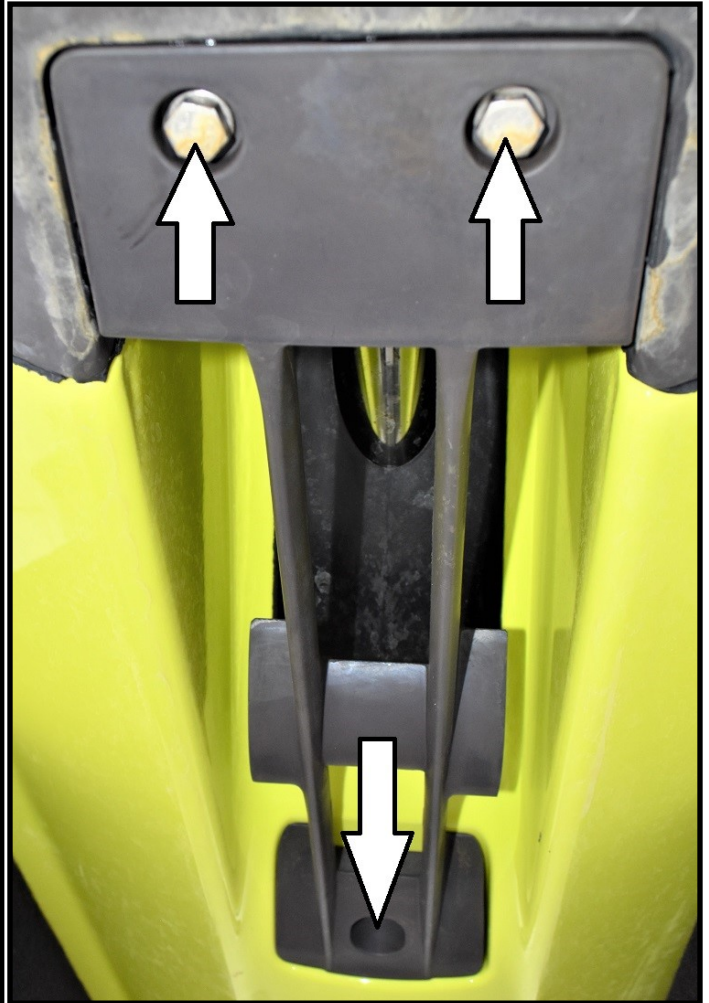
Figure 2



Note: This nut is under the driveshaft. It is difficult to see on supercharged skis, but can be held with a wrench from the side.

Have an additional person hold a wrench on this nut to keep it from rotating while removing the front bolt and washer from the OEM intake grate. Remove the intake grate rear bolts and washers(2) Retain all fasteners for re-use. (Figure 3)

Figure 3



Remove OEM intake grate.

Clean any remaining adhesive sealant from hull with a small paint scraper.

Verify fit of OEM fasteners in supplied Top-Loader intake grate.

If you have a 2019 unit repaired under the recall noted on page 1 of these instructions, the front bolt hole in the supplied intake grate will be too small for the OEM bolt.

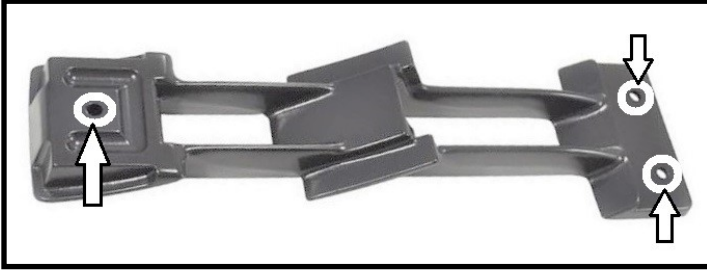
If you have a 2019 RXT, GTX, Fish Pro or Wake Pro 230 that has not had the recall performed contact your Sea-Doo dealer to have it done, immediately!

- INSTALLATION INSTRUCTIONS -

Only if your OEM front bolt will not fit the supplied Top-Loader intake grate, enlarge the diameter of the front bolt hole using a 27/64" drill bit. Drill carefully using light oil for lubrication.

Apply a generous bead of silicone sealer (recommended Permatex "The Right Stuff") to the areas shown. (Figure 4)

Figure 4



Apply red Loctite to threads of OEM rear bolts only. Install supplied Top-Loader intake grate with two OEM rear bolts and flat washers. **Note: Do not tighten bolts more than finger tight at this time.**

Install front OEM bolt and flat washer and secure from inside engine compartment with OEM nyloc nut and flat washer. Hold nyloc nut with a wrench while tightening bolt to 21 ft-lb (28 Nm)

Tighten rear bolts to 21ft-lb (28 Nm). (Figure 5)

Figure 5



Check bilge for tools, rags, etc. Reinstall engine compartment access cover and seats.

Run craft on a 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 Top-Loader Intake grates carry a 1 year 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.