



## **Sea•Doo Throttle Conversion Kit** **PART# - RS2455 / RS2455-1**

**APPLICATION(S):** RXP, RXT & GTX-SC

### **Required tools**

Drill  
Round File  
Phillips screw driver  
10mm socket w/ratchet  
Metric Allen wrench set  
Marking pen  
Adjustable wrench  
Needle nose pliers

### **Part#**

N/A  
N/A  
N/A  
N/A  
N/A  
N/A  
N/A  
N/A

## **- INSTALLATION INSTRUCTIONS -**

1. Remove D.E.S.S. lanyard and disconnect battery cables.
2. Remove plugs in ends of handgrips. Completely remove the M6 bolts and washers securing grips to handlebars. (see illustration #1) Remove grips by pulling without twisting.
3. Remove grip inserts from handle bar ends. Retain for use when installing RIVA handlebar extensions later.

### **The following steps (4~12) are for the throttle (right) side of handlebars:**

4. Remove Phillips-head screw securing throttle-housing cover to throttle housing. Remove throttle-housing cover. (see illustration #2)
5. Carefully remove throttle cable end from clips inside stock thumb throttle trigger.
6. Remove throttle cable housing end from throttle housing assembly stop. (see illustration #3)
7. Remove small socket head set-screw holding stock thumb throttle in place. Remove thumb throttle assembly. (see illustration #2)
8. Slide included RIVA steering pad cover end cap onto right handlebar placing it all the way against steering pad cover. **NOTE: Cap installs one way only.** Slide included finger throttle assembly onto right handle bar making sure it is lined up with steering pad cover end cap. Locate hole in underside of finger throttle perch and mark handlebars. This is the location where the included set-screw is to be installed. (see illustration #4)
9. Remove finger throttle assembly. Drill and tap handlebar at previously marked location using included drill bit and tap. Thoroughly clean filings left from drilling and tapping procedures. (see illustration #4)
10. Pull throttle cable through steering pad cover end cap. Secure steering pad cover end cap to steering pad using included plastic pushpin. (see illustration #5)
11. Reinstall finger throttle assembly. Install throttle cable into finger throttle assembly. Secure by tightening set-screw at underside of finger throttle perch. **NOTE: Do not over tighten. Use Blue Loc-Tite on threads.** (see illustration #6)
12. Secure finger throttle assembly to handlebars with included M6 socket head cap screw. **NOTE: Do not over tighten. Use Blue Loc-Tite on threads.** (see illustration #6)

### **The following steps (13~15) are for both sides of handlebars:**

13. Install the shorter of the two included spacers onto right side of handlebar placing it all the way against finger throttle assembly.
14. Install remaining included spacer onto left side of handlebar placing it all the way against VTS control housing.

15. Using a round file, remove any burs inside handlebar ends. (see illustration #4) Install included handle bar extensions into handlebar ends completely and secure by tightening socket head cap bolt in end. **NOTE: Do not over tighten bolts.** (see illustration #7)

**For aftermarket grips proceed to Step 19. For OEM grips proceed to Step 16:**

16. Install grip inserts previously removed during Step 3 into ends of RIVA handle bar extensions. (see illustration #7)
17. Install grips onto handlebars making sure they are aligned properly. To ensure grips lock into place you may need to twist them slightly.
18. Secure grips using M6 bolts and washers previously removed during Step 2. **NOTE: Do not over tighten bolts. Use Blue Loc-Tite on threads.** Replace grip end plugs previously removed during Step 2.

**AFTERMARKET GRIPS:**

19. Install handgrips per manufacturer's recommendations.
20. Connect battery cables. **NOTE: Run craft on flush kit to ensure smooth, free operation of finger throttle conversion kit prior to riding craft.**

***Remember, the water belongs to everyone. Please ride responsibly!***

**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)

**1-Year Limited Warranty**

RIVA Sea-Doo Throttle Conversion Kits carry a one-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.

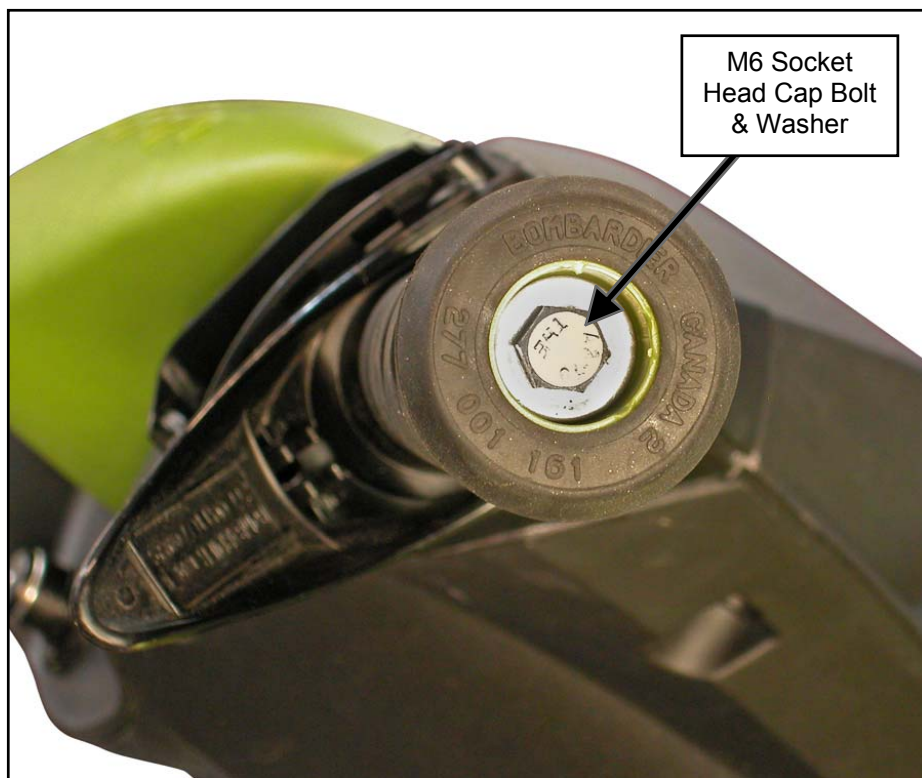
RIVA Racing shall have no liability for special, incidental or consequential damages or injury to persons or property from any cause arising from the sale, installation or use of this product.

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.

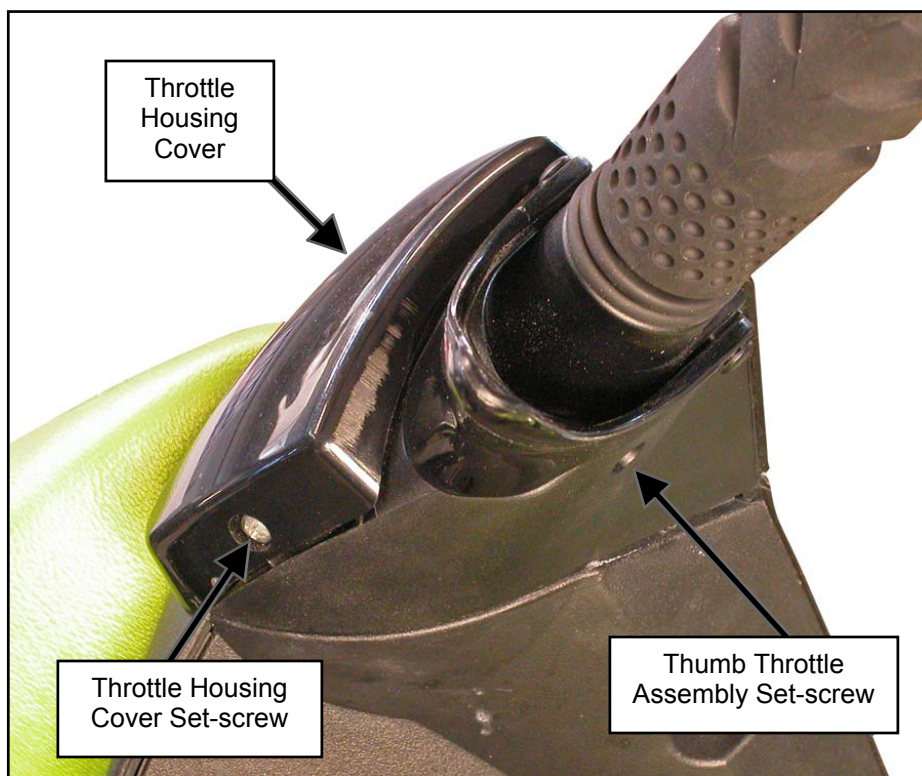
Warranty does not include the expenses related to freight or transportation of parts or compensation for any inconvenience or loss of use while being repaired. A copy of the original invoice must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.

**Sea•Doo Throttle Conversion Kit**  
**- INSTALLATION IMAGES -**



**ILLUSTRATION #1**



**ILLUSTRATION #2**



ILLUSTRATION #3

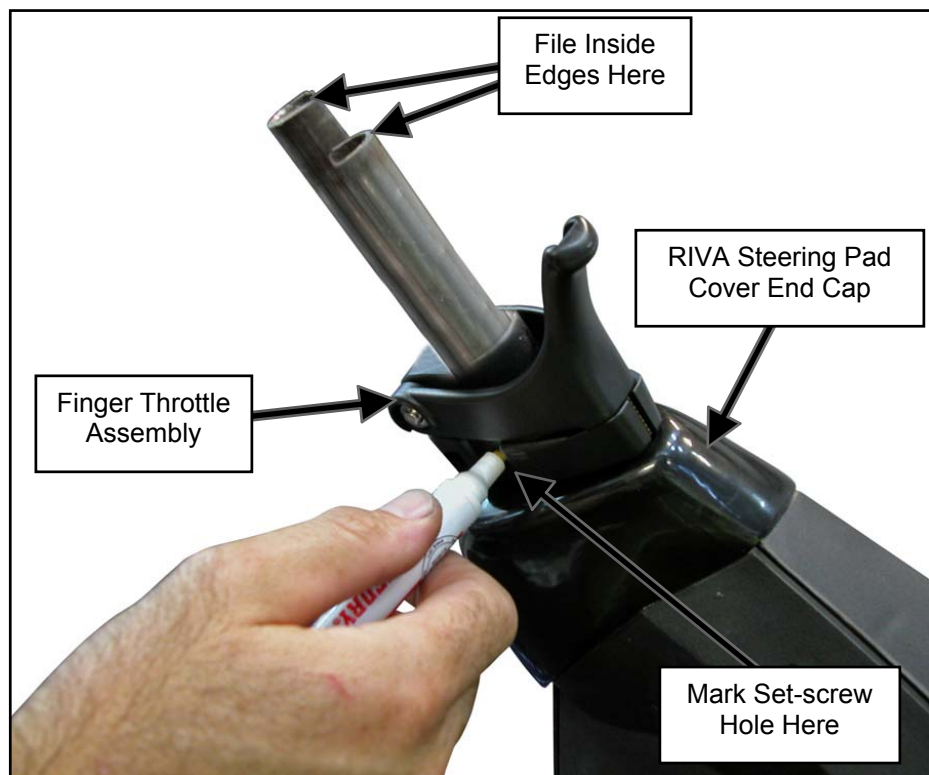


ILLUSTRATION #4



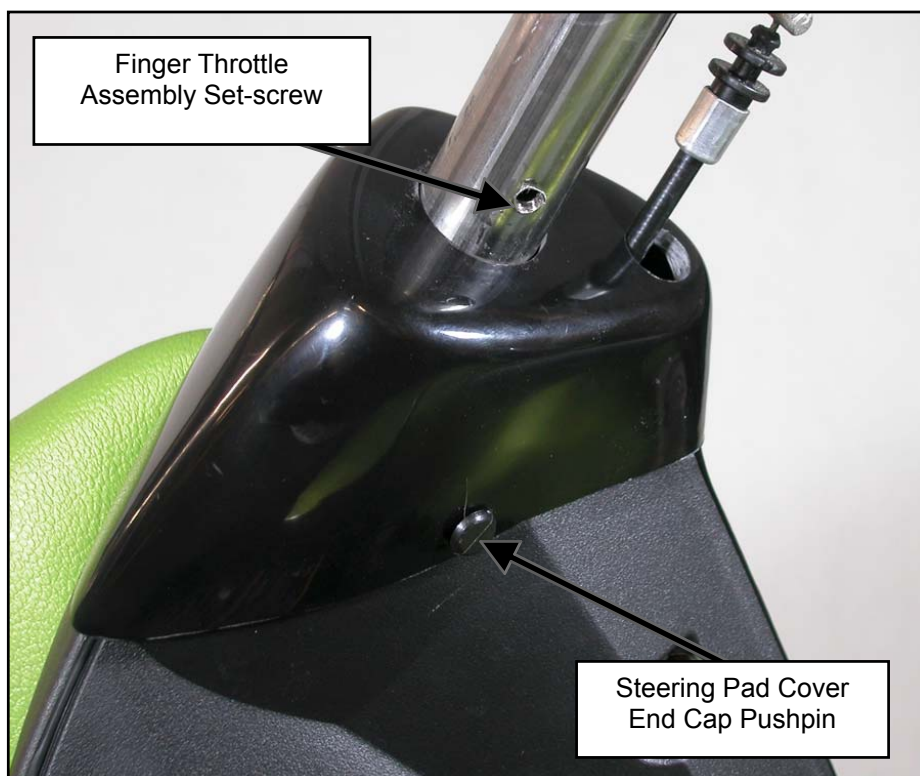


ILLUSTRATION #5

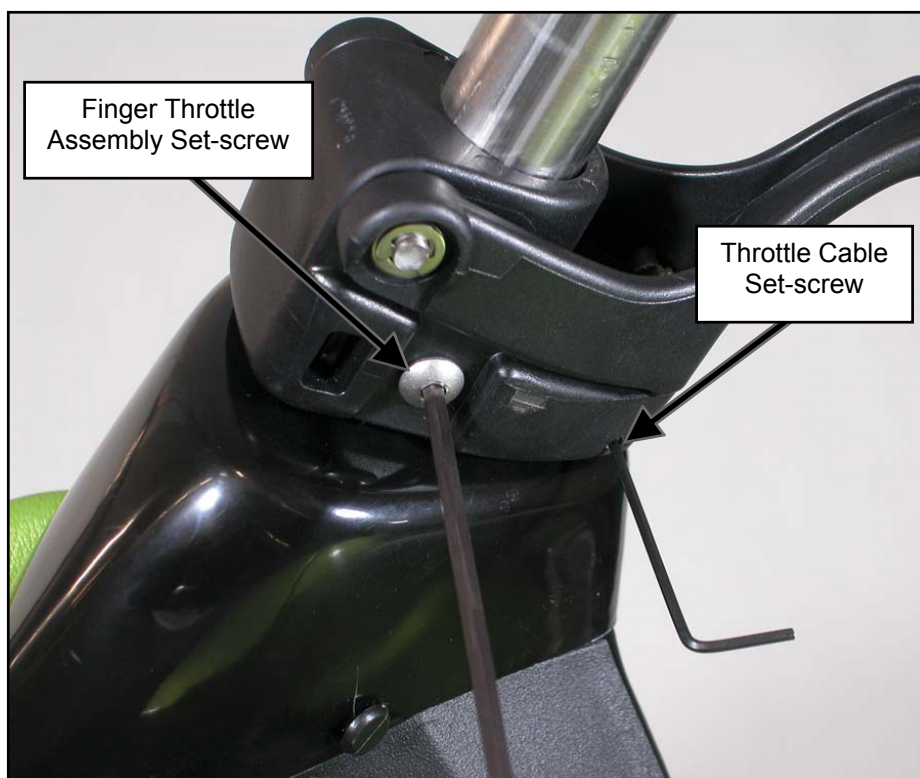
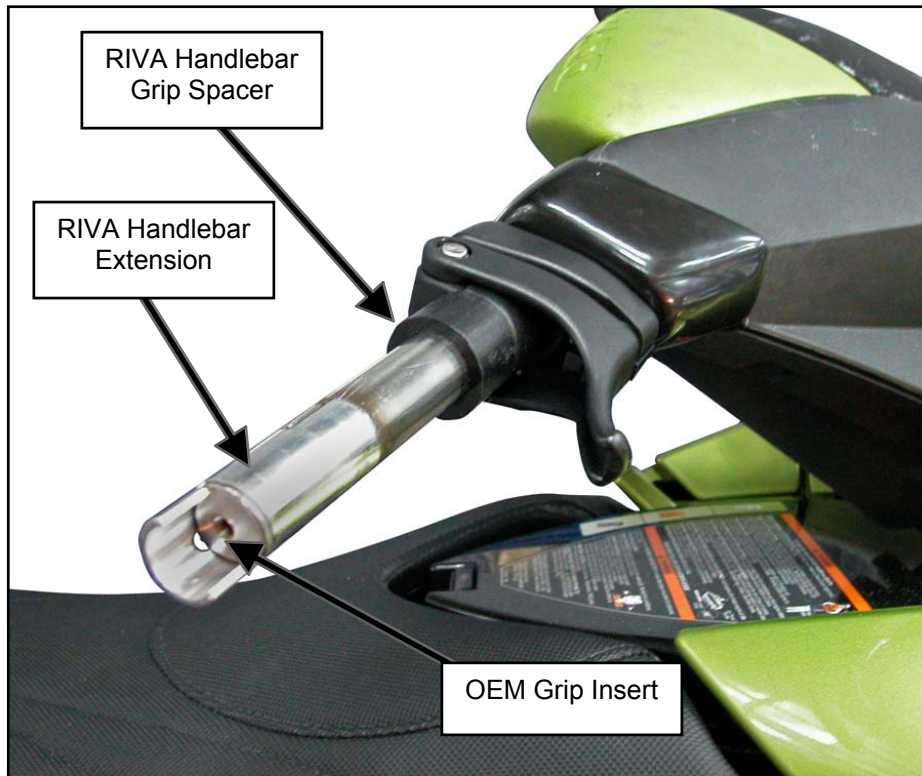


ILLUSTRATION #6



**ILLUSTRATION #7**



**ILLUSTRATION #8**