



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## Sea-Doo Catch Can / Engine Breather

RS19050-BCC-6



**Applications:** Sea-Doo 1503 & 1630 Supercharged 4-TEC Engines

**Approximate Installation Time:** .5 Hr.

**Recommended Specialty Tools:**

N/A

**Part #**

N/A

**GET THE LATEST UPDATES!**

**Required Materials:**

Red Loctite

**Part #**

N/A

Prior to installation, go to the RIVA Racing online Instruction Library to download the latest version of these instructions:

<https://rivaracing.com/instructions>



**Sea-Doo Catch Can / Engine Breather**

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***COMPONENT LIST***

| ITEM | QUANTITY | PART NUMBER     | DESCRIPTION                                    |
|------|----------|-----------------|--|
| A    | 1        | 28412-1         | Hose   |
| B    | 1        |                 | Catch Can Assembly with Filter, and Drain Cock |
| C    | 1        | RS19050-BCC-B-5 | Mounting Bracket                               |
| D    | 2        | 92147A029       | SS Lock Washer 1/4"                            |
| E    | 2        | 92240A537       | SS Bolt 1/4-20 x 1/2"                          |
| F    | 1        | TY24MX          | Zip Tie  |
| G    | 1        | 9753K86         | Vinyl Cap                                      |
| H    | 1        | 9753K82         | Vinyl Cap                                      |

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@rivaracing.com](mailto:tech_support@rivaracing.com).

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 \*\*\***

**Caution: Whenever using electric or battery operated tools inside the hull be sure it is well ventilated and no fumes are present. Failure to do so could result in a fire, or explosion and serious personal injury or death.**

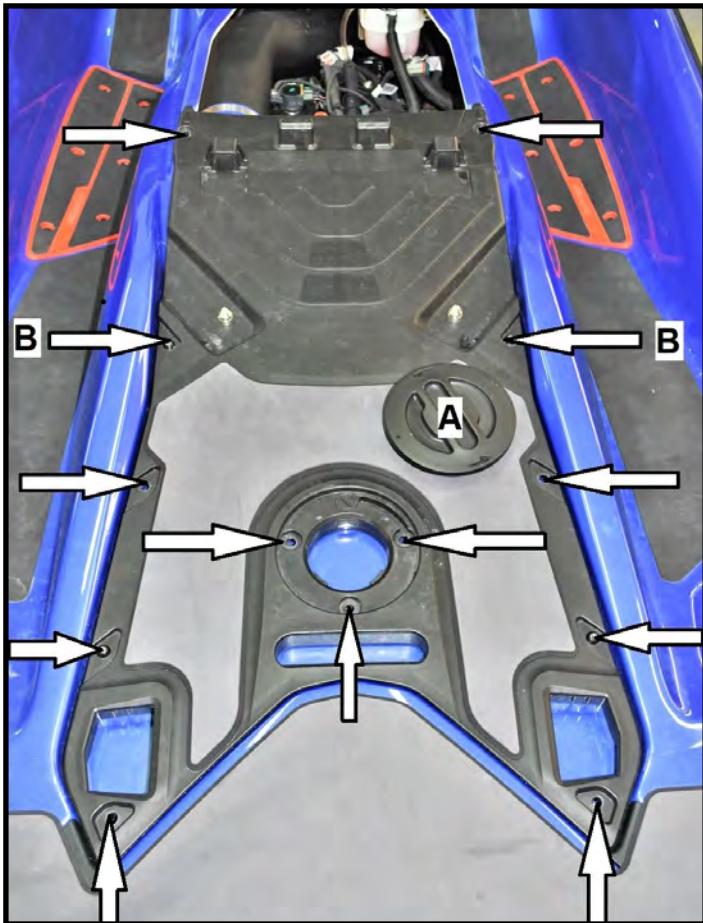
**This kit is not intended for use on pollution controlled vehicles. Installation on pollution controlled vehicles may constitute a violation of state or local statutes.**

Remove seat(s).

#### Models with removable engine access cover:

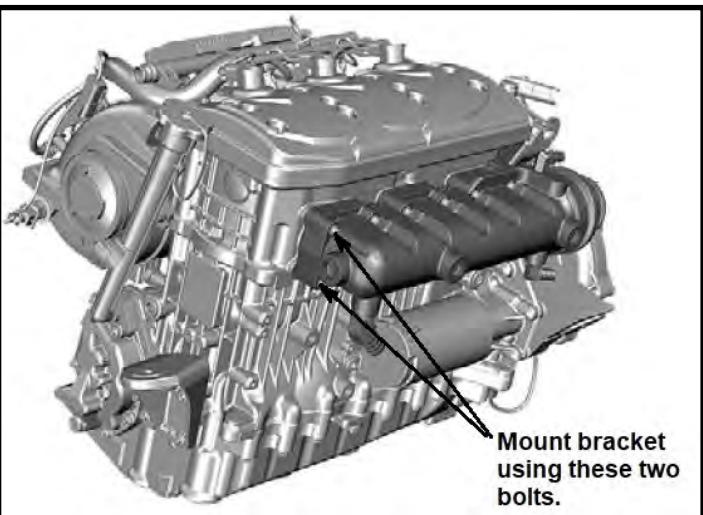
Remove access cap (A) and screws (13) at locations shown. **Note: Screws at location B go through the deck and are secured with nuts and washers underneath. Do not drop nuts and washers into hull. Retain hardware for re-use.** (Figure 1) Remove access cover.

Figure 1



Remove two forward most bolts (one upper /one lower) from exhaust manifold. (Figure 2) Retain bolts for re-use.

Figure 2



Install supplied Mounting Bracket. Secure with OE Bolts (2). **Note: Apply red Loctite to bolt threads. Torque bolts to 7 ft-lbs (9 Nm).** (Figure 3)

Figure 3



Install supplied Catch Can onto Mounting Bracket using supplied 1/4-20 x 1/2" bolts (2) and lock washers (2). 2018 & Newer GTX and RXT models use upper hole set. All other models use lower hole set. **Note: Apply red Loctite to bolt threads. Do not overtighten bolts.** (Figures 4 and 5)

Figure 4

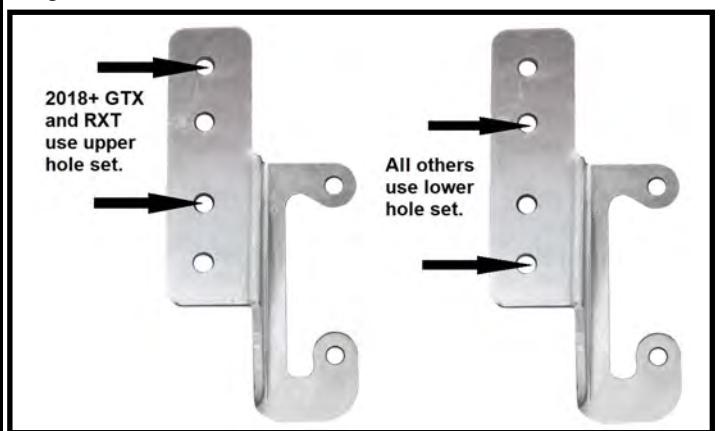


Figure 5

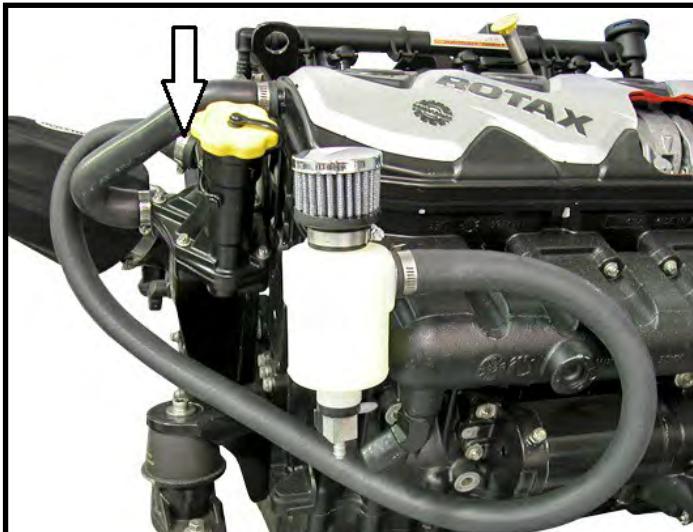
**'03-05 models:**  
Remove OE hose between air intake system, support bracket and oil separator housing and discard. Retain hose clamps.

Install supplied hose between oil separator housing and Catch Can/ Engine Breather. Secure using OE hose clamps. (Figure 6, next page) **NOTE: Do not over tighten hose clamps.**



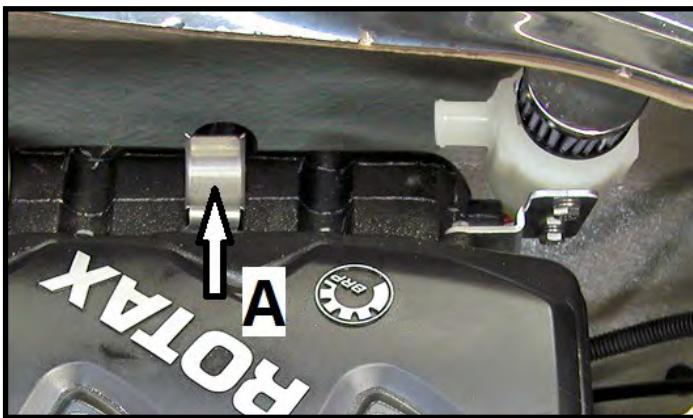
## **- INSTALLATION INSTRUCTIONS -**

Figure 6



**‘06 and later 215 and 255 models:** Move front hose support bracket back one bolt location on exhaust manifold. (A in Figure 7) **Note: Apply red Loctite to bolt threads. Torque bolt to 7 ft-lbs (9 Nm).**

Figure 7



**‘06 and later all models:** Remove OEM oil breather hose from air intake system and engine breather vent. Save hose clamps for reuse.

Install supplied hose on engine breather vent and Catch can inlet. Secure with OEM hose clamps. (Figure 8) **Note: Do not over tighten hose clamps.**

Figure 8



Install appropriate supplied vinyl block-off cap onto engine breather hose fitting on air intake system where applicable and secure with supplied zip tie. (Figure 9)

Figure 9



***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@rivaracing.com](mailto:tech_support@rivaracing.com).

### **Limited Warranty**

RIVA Catch Can/Engine Breather Kits carry a 6-month 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.