



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## Performance Blow-off Valve Kit

PART# - RS17080-BV-PFV

### Required tools

T-25 Star Hex Bit  
E-8 Star Socket

### Part#

RS35187 (10-pc set)  
RS90531 (8-pc set)

### Recommended tools

Service Manual

### Part#

219 100 313

**\*\*\* NOTE: Allow craft's engine to cool thoroughly before performing installation. \*\*\***

## **- INSTALLATION INSTRUCTIONS -**

1. Remove seat(s). Remove engine coolant tank from mounting location.
2. **RXP-X/RXP:** Remove engine cowling (5 bolts total).  
**RXT-X/RXT/GTX-SC:** Remove top half of deck beam (4 bolts total) and bottom half of deck beam.
3. Remove oil level gauge (dip stick). Remove plastic cover on top of valve cover. Replace oil level gauge (dip stick).
4. Disconnect the two wiring harness connectors from ECU and move aside. (see illustration #1)
5. Remove ECU from ECU mounting plate and set aside. (see illustration #2)
6. Remove only three bolts securing ECU mounting plate. (see illustration #3) Rotate bracket to the left. (see illustration #4) Take care not to damage wires or throttle cable.
7. Locate the protrusion beside the threaded boss on the center intake track used to secure the ECU mounting plate. (see illustration #4) Using the supplied 3/32" drill bit carefully and slowly drill straight into the end of the protrusion.  
**NOTE: The material you are drilling into is made of thin plastic. Do not push or force drill bit. Drill slowly.**
8. Inspect newly created hole for rough edges or protruding plastic. Clean any rough edges or filings left from the drilling procedure.
9. Install supplied vacuum line onto fitting and secure using a supplied zip tie. Route vacuum line along wiring harness under ECU towards rear of craft. **NOTE: Do not over tighten zip tie.**
10. Replace ECU mounting plate, ECU and reconnect wiring harness connectors in reverse order of steps 5~7. **NOTE: Carefully install ECU connectors so as not to bend connecting pins. Use blue Loc-tite on threads of bolts securing ECU mounting plate and ECU. Do not over tighten bolts.**
11. Install supplied Blow-off Valve onto mounting flange on aluminum tube between supercharger outlet and intercooler inlet. (see illustration #5) Secure using supplied hardware and gasket. **NOTE: NOTE: Apply blue Loc-tite to bolts. Do not over tighten bolts.**
12. Install and secure end of vacuum line to open fitting on top of Blow-off Valve with a supplied zip tie. Secure middle section of vacuum line to OE wiring harness under ECU with a supplied zip tie. **NOTE: Do not over tighten zip ties.**
13. Replace components applicable to your craft that were removed during step #2 & 3. **NOTE: Apply blue Loc-tite to bolts. Do not over tighten bolts.**
14. Check bilge for tools, rags, etc. Start craft and run using flush kit to check for leaks at connecting points. Do not run craft out of water for more than two minutes at a time.

***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).

## Limited Warranty

RIVA Performance Blow-off Valve Kits 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.

## - INSTALLATION IMAGES -

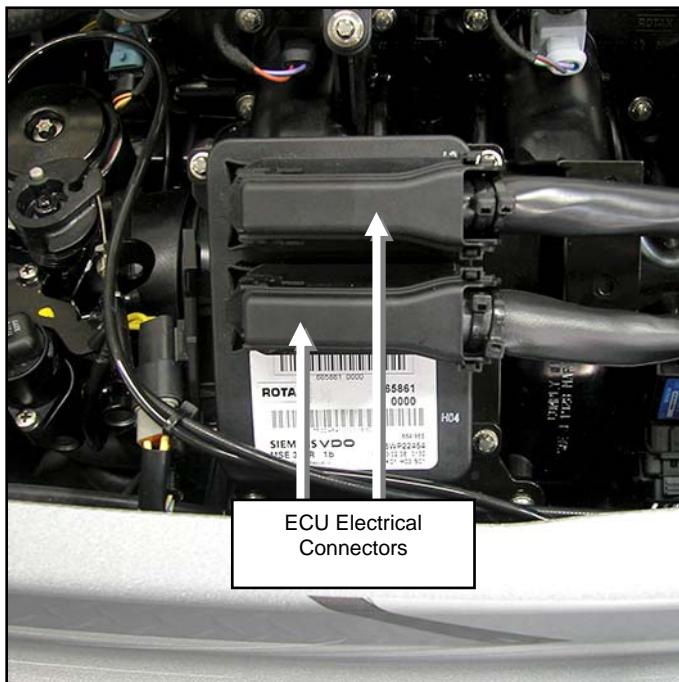


Illustration #1

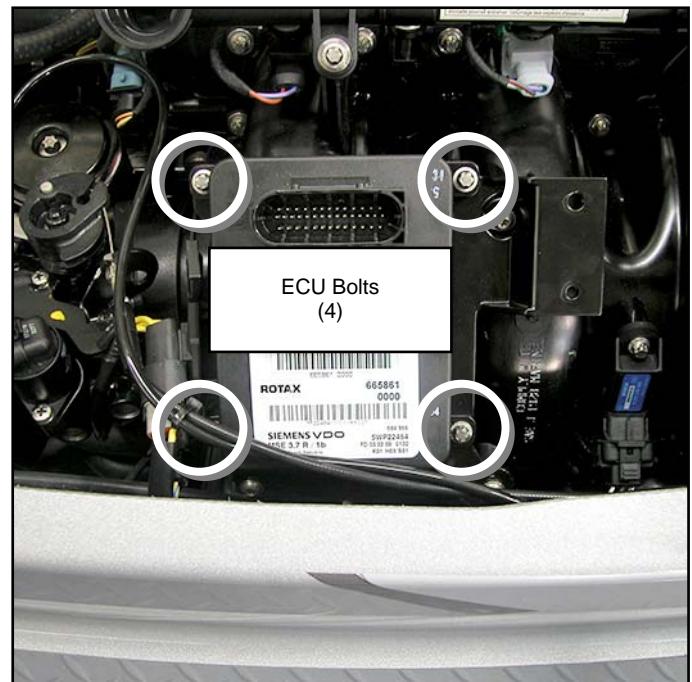


Illustration #2



Illustration #3

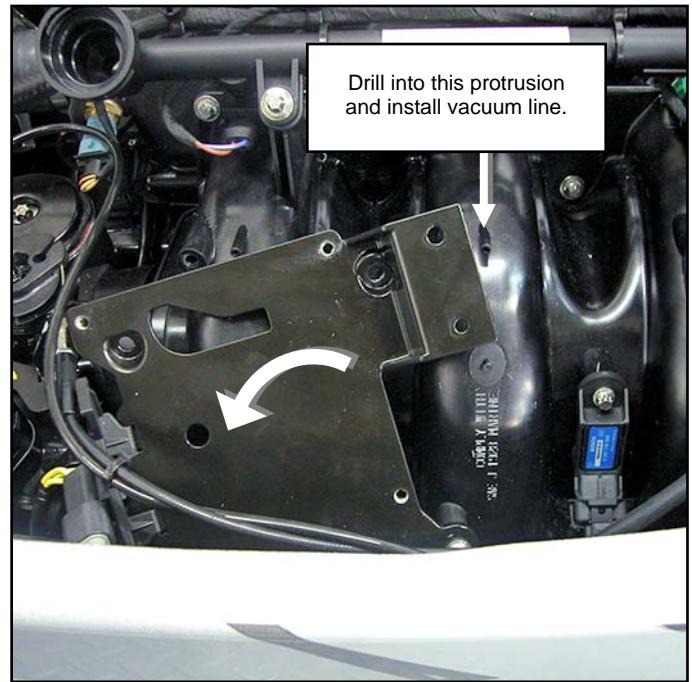


Illustration #4

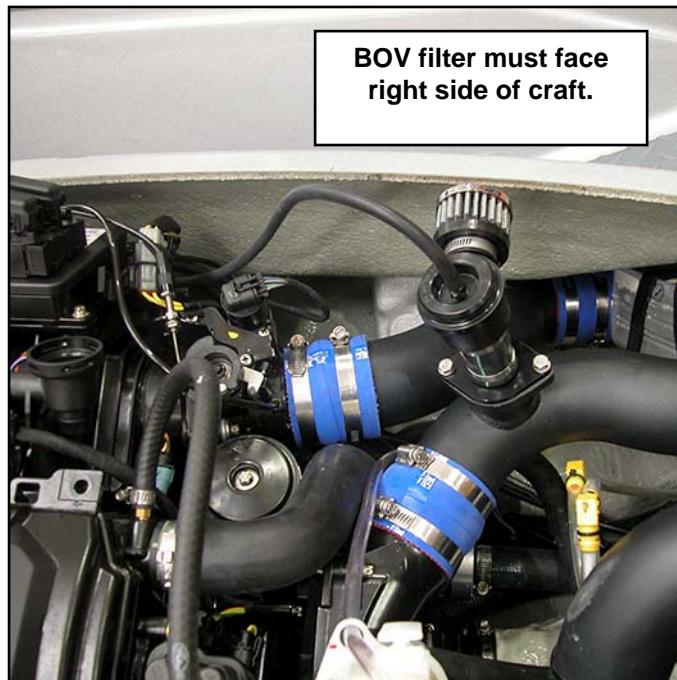


Illustration #5