



Pro-Series Sea-Doo Blow-off Valve Kit

ART# - RS17081-BOV-SSQV

APPLICATION(S): 255/215hp Sea-Doo Models using RIVA Power Cooler Kits

Required tools

Snap Ring Pliers (45-degree)
Star Socket Set
Star Hex Bit Set
Service Manual

Part#

N/A
RS09531
RS35187
CALL

Remove seat(s).

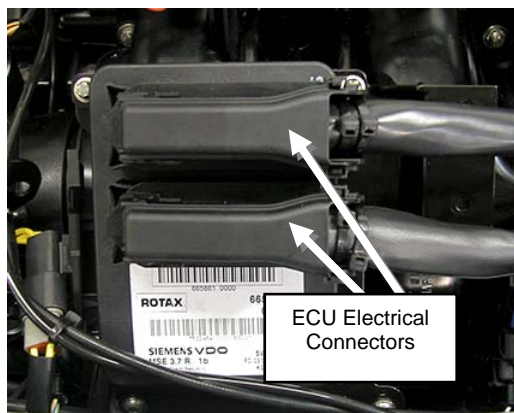
Remove engine coolant tank from mounting location.

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.

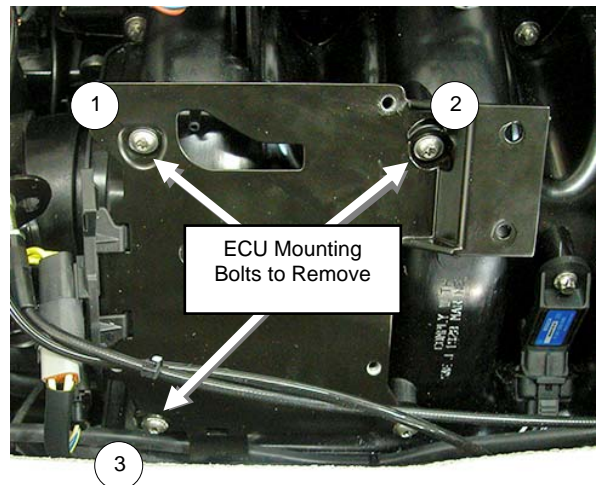
Remove oil level gauge (dip stick). Remove plastic cover on top of valve cover. Replace oil level gauge (dip stick).

Disconnect the wiring harness connectors (2) from ECU and move aside.



Remove bolts (4) securing ECU to ECU mounting plate. Remove ECU and set aside.

Remove only three of the bolts securing ECU mounting plate to intake manifold.



Rotate plate to the left. Take care not to damage wires or throttle cable.



Locate the protrusion exposed when ECU mounting plate is rotated to left.



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.**

Inspect newly created hole for rough edges or protruding plastic. Clean any rough edges or filings left from the drilling procedure.

Install longer section of supplied vacuum line onto fitting and secure using a supplied zip tie. Route vacuum line along wiring harness under ECU towards throttle body. **NOTE: Do not over tighten zip tie.**

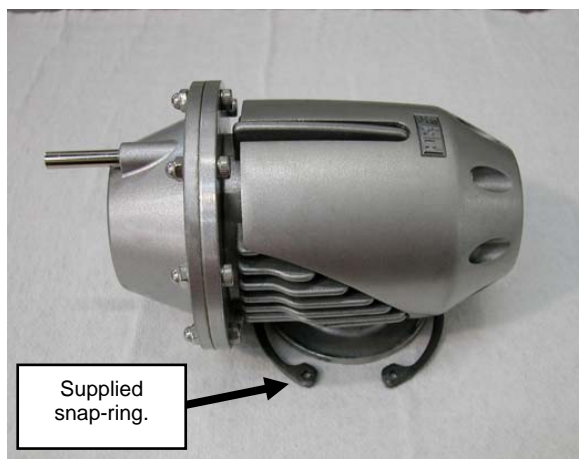
Replace ECU mounting plate, ECU and reconnect wiring harness connectors. **NOTE: Carefully install ECU connectors so as not to bend connecting pins. Use blue Loc-tite on threads of bolts securing ECU mounting plate and ECU. Do not over tighten bolts.**

Install supplied billet mounting flange onto aluminum tube between supercharger outlet and intercooler inlet. Secure using supplied hardware and gasket. **NOTE: Apply blue Loc-tite to bolts. Do not over tighten bolts.**



Install supplied o-ring into o-ring groove in billet mounting flange.

Place supplied snap-ring over flange on blow-off valve.



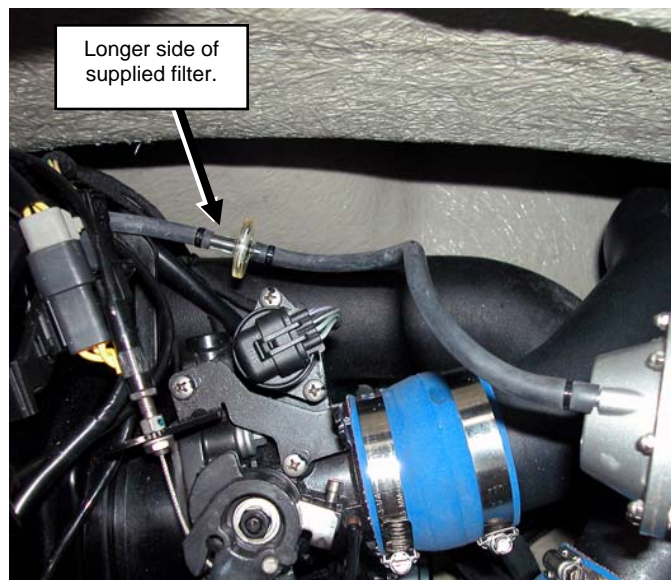
Place blow-off valve on top of billet flange so vacuum tube is facing throttle body. While pressing down on valve secure snap-ring into groove using 45-degree snap-ring pliers.



NOTE: Ensure snap-ring securely locks into groove in billet mounting flange.

Install shorter section of supplied vacuum line onto open fitting on top of Blow-off Valve and secure with a supplied zip tie.

Install supplied vacuum filter so that longer side is facing motor. Secure using supplied zip ties.



Secure middle section of vacuum line to OE wiring harness under ECU with a supplied zip tie. **NOTE: Do not over tighten zip ties.**

RXP-X/RXP: Replace engine cowling (5 bolts total).
RXT-X/RXT/GTX-SC: Replace top half of deck beam (4 bolts total) and bottom half of deck beam.
NOTE: Apply blue Loc-tite to bolts. Do not over tighten bolts.

Replace engine coolant tank.

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 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 Pro-Series Blow-off Valve Kits 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.