



RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

Pro-Series Sea•Doo ECU

PART# - RS11850-01-A/B/C

APPLICATION(S): RXP / RXT / '05-'07 GTX-SC Limited

- INSTALLATION INSTRUCTIONS -

NOTE: ECU requires activation and D.E.S.S. key programming by an Authorized Sea•Doo dealer. Installation of this racing product will void BRP factory warranty. You must contact RIVA Racing at (800) 241-4544, ext 389 or (954) 785-2684, ext 389 and provide us with a valid Hull Identification Number and ECU Serial #. Activation may be done via two methods:

- A. **Local Authorized Sea•Doo dealer.** Inquire about bringing your modified craft to them to activate your ECU and program your D.E.S.S. keys. Stock ECU is required.
 - B. **RIVA Racing.** Call (800) 241-4544, ext 389 or (954) 785-2684, ext 389 to have us activate your ECU. Throttle Body and Stock ECU are required for Throttle Position Sensor Calibration. **DO NOT SHIP WITHOUT FIRST CONTACTING RIVA AT (800) 241-4544, ext 389 or (954) 785-2684, ext 389.**
1. Remove D.E.S.S. lanyard.
 2. Disconnect battery cables. **NOTE: Negative (black) first. Positive (red) second.**
 3. **RXT / GTX-SC LTD MODELS ONLY:** Completely loosen the four M8 bolts holding engine compartment cross section in place. Remove both top and bottom halves of engine compartment cross-section support. (see illustrations 1 & 2)
 4. Remove oil level dipstick. Remove plastic valve cover. Replace oil level dipstick.
 5. Disconnect the two wiring harness connectors from ECU and move aside. (see illustration #3)
 6. Remove ECU module from ECU mounting plate and set aside. (see illustration #4)
 7. Install RIVA Pro-Series ECU onto ECU mounting plate and secure using OE hardware. **NOTE: Use BLUE Loc-Tite. Do not over tighten bolts.**
 8. Reconnect wiring harness connectors. **NOTE: Carefully install wiring harness connectors so as not to bend connecting pins.**
 9. Remove oil level dipstick. Replace plastic valve cover. Replace oil level dipstick.
 10. **RXT / GTX-SC LTD MODELS ONLY:** Replace engine compartment cowling in reverse order of Step 3. **NOTE: Use BLUE Loc-Tite. Do not over tighten bolts.**
 11. Reconnect battery cables. **NOTE: Positive (red) first. Negative (black) second.**

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

Limited Warranty

RIVA Pro-Series ECU's carry a 30-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 ECU. 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.

- INSTALLATION IMAGES -

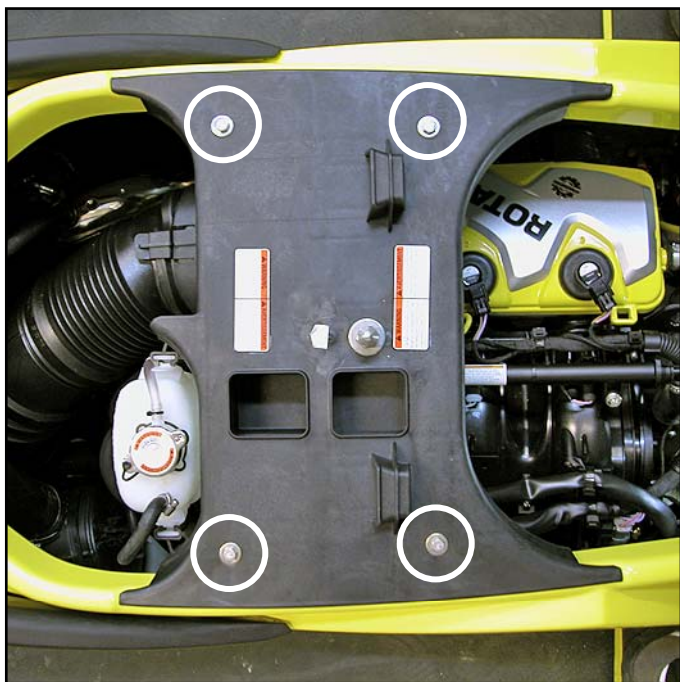


Illustration 1

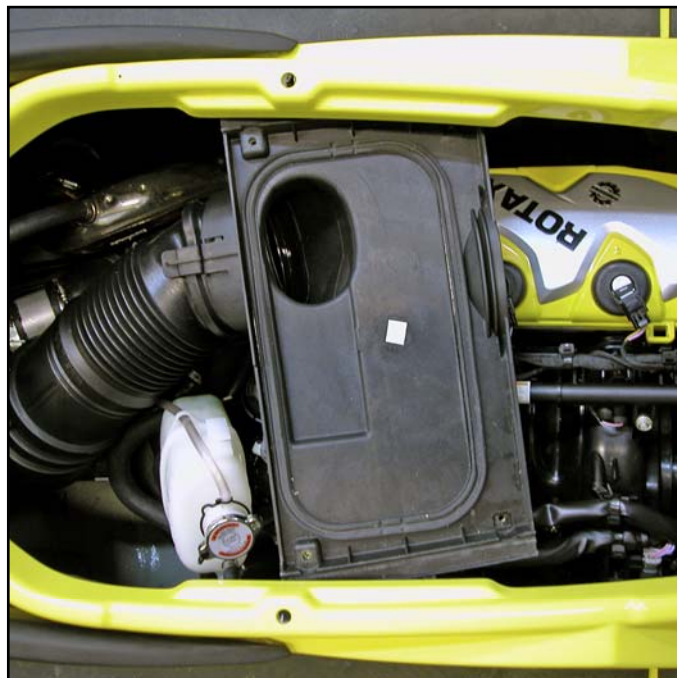


Illustration 2

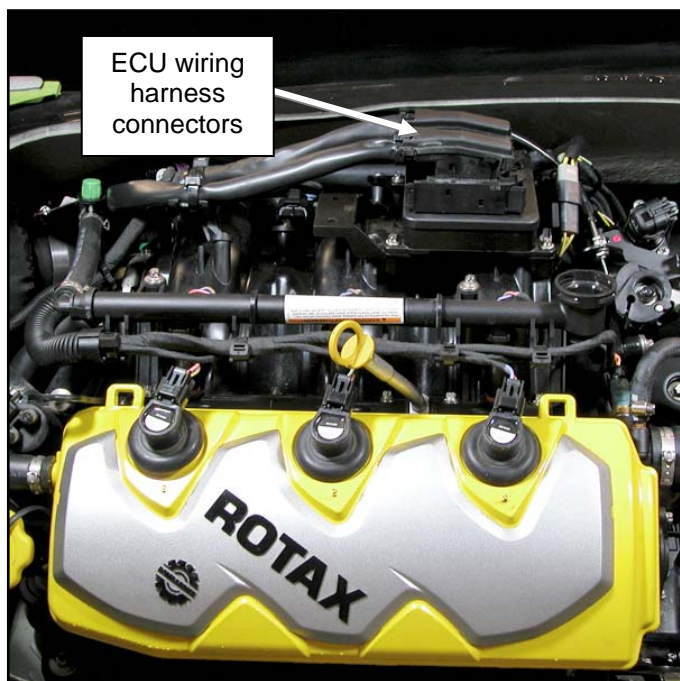


Illustration 3

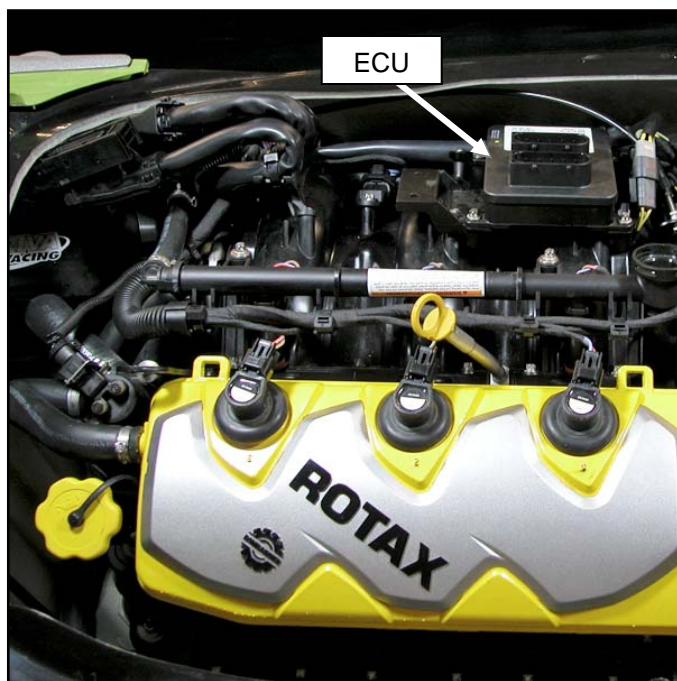


Illustration 4



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TECHNICAL BULLETIN

Date: October 25, 2006

SUBJECT: RIVA Pro-Series Sea•Doo ECU Activation Form

Please fill out form completely and submit by phone, fax or e-mail to:

Jen Walter

Phone: 800-241-4544 or 954-785-2684, ext 389

Fax: 954-785-2535

E-mail: orders@rivamotorsports.com

Activation Hours:

Monday ~ Friday (except holidays)

9:30am ~ 5:00pm EST/US

Customer Name: _____

Primary Phone Number: _____

Customer Address: _____

E-mail: _____

RIVA ECU Serial Number: _____ RIVA Invoice Number: _____ RIVA Salesperson: _____

MODEL OF CRAFT: ____RXP ____RXT MODEL YEAR: _____ HULL ID NUMBER: _____

RIVA ECU Activation Code: _____

(ECU activation code is supplied by RIVA after submitting above information.)

NOTE TO SERVICE TECH: You must update your B.U.D.S. software. After updating B.U.D.S. software you must first download history from stock ECU before attempting to activate RIVA Pro-Series ECU. Enter activation code when prompted. Supplied 'Practice' and 'RACE' keys may now be programmed.