



## Speed Control Override Module

**PART# - RK11100-SCOM**

**APPLICATION(S):** Kawasaki Ultra 300X

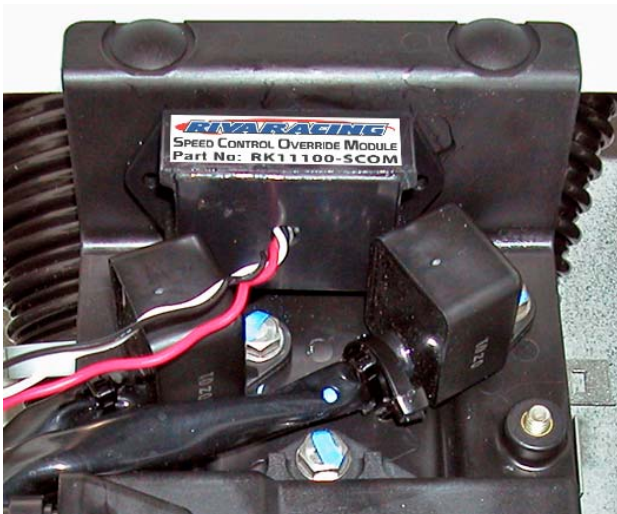
**\*\*\* ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION \*\*\***

### - INSTALLATION INSTRUCTIONS -

Inside front storage hatch remove covers (2) to gain access to ECU and battery.



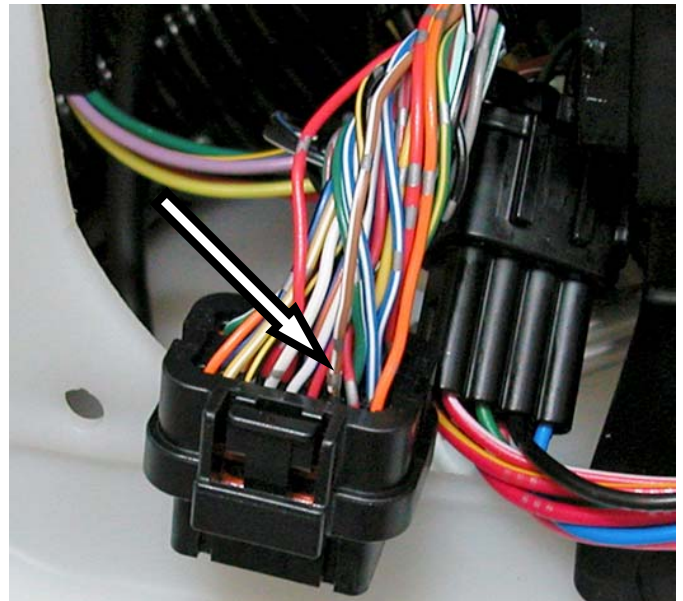
Remove adhesive backing from Dual Lock. Affix S.C.O.M. unit to underside of ECU bracket at top.



Remove lower connector from ECU.

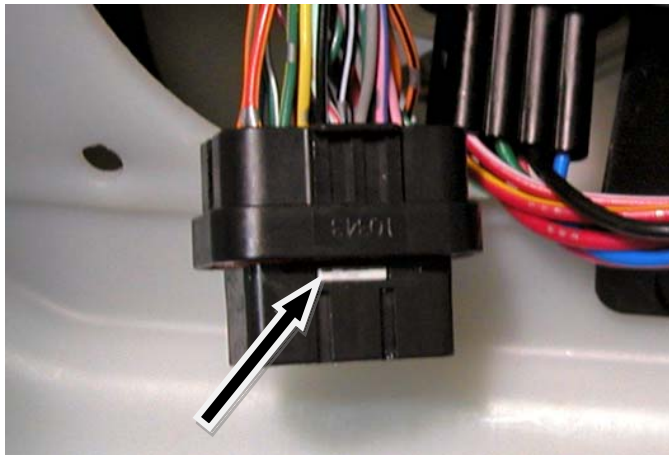


Identify wire to be replaced. Brown wire with white stripe & silver braid. Third wire in first row on side of connector with locking tab. **DO NOT REMOVE WIRE!**



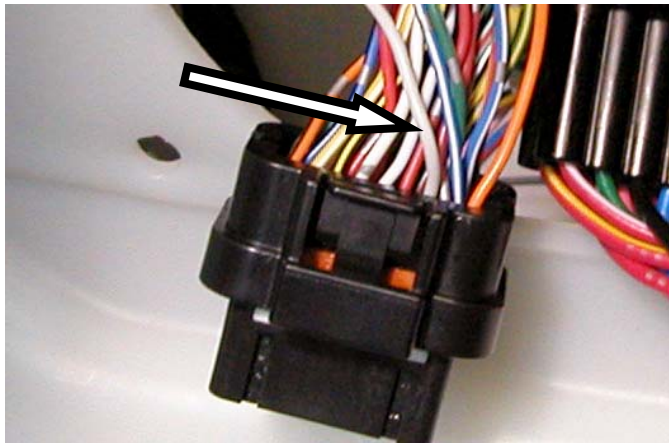
**DO NOT ATTEMPT TO REMOVE WIRE JUST YET!**

Flip connector over and depress connector pin lock.

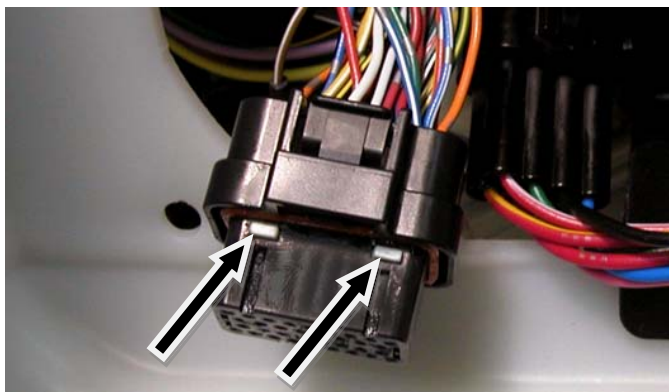


Remove brown wire with white stripe & silver bans.  
**NOTE: Be careful not to dislodge other wires.**

Insert white S.C.O.M. wire into ECU connector completely.

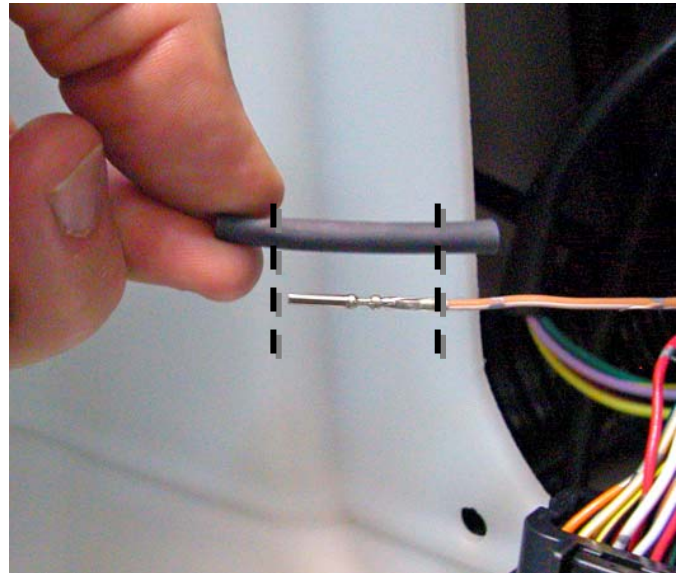


Secure wires by depressing white tabs (2) below connector locking tab.

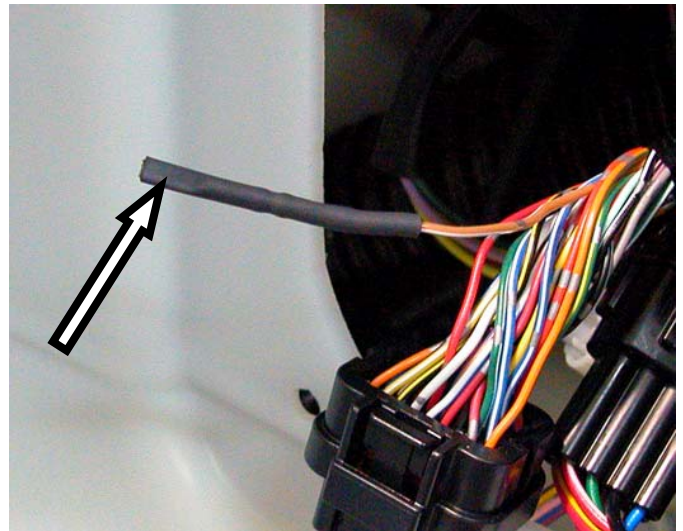


**NOTE: Tabs must be pressed in evenly. Ensure all wires are installed in connector properly.**

Place supplied heat shrink over end of wire removed so end is centered inside sleeve.



Using a heat gun warm heat shrink until it contracts around end of wire.



Using a small pair of pliers crimp end of heat shrink, *while warm*, together to seal. **NOTE: Do not crush!**

Plug connector into stock ECU.

Remove ECU bracket by pulling forward evenly at push pins (4)



Route black wire from S.C.O.M. unit behind bulkhead and down towards pass through for battery cables. Carefully feed black wire through rubber grommet.

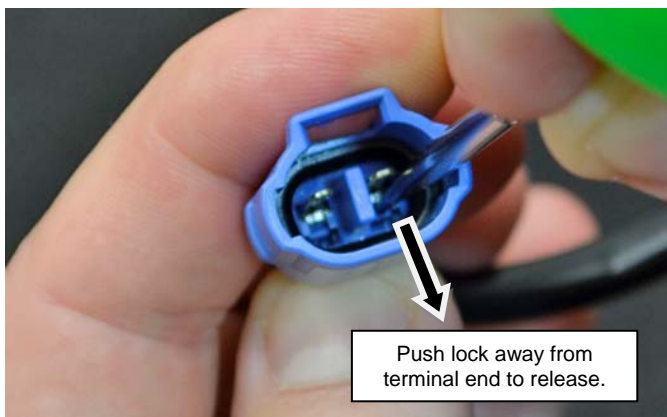


**TIP:** Glass cleaner or WD-40 may be used to ease passage.

Carefully insert eyelet into black battery cable boot. Secure eyelet between ground cable and battery post.  
**NOTE:** Do not over tighten bolt. Apply di-electric grease to all cable ends. Do not over tighten bolts

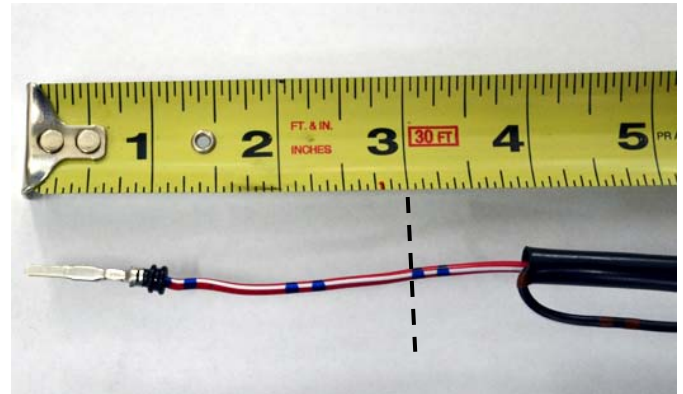
Slide battery cable boot over battery post.

At upper inspection cover opening locate buzzer connector (blue connector with 2 wires). Disconnect. Remove terminals from buzzer wire connector.



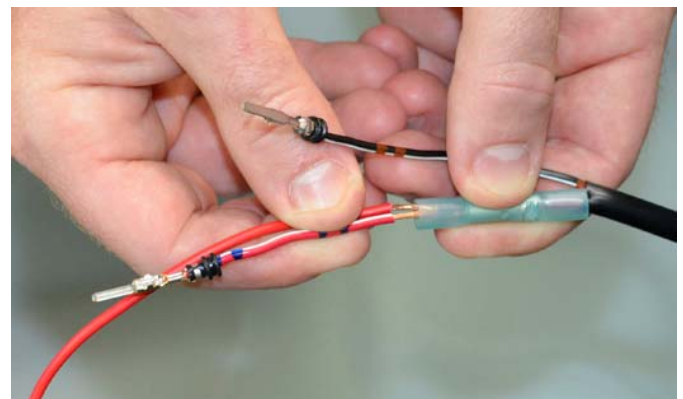
**TIP:** Use a small sharp pick or scribe to release terminal lock. **NOTE:** Pull on wires carefully. When released terminals slide out of connector easily.

Slide sheathing away from terminal and isolate red wire with white stripe and double blue bands.



Cut wire 3 inches from end of terminal. Remove 1/4" of insulation from each side of cut wire.

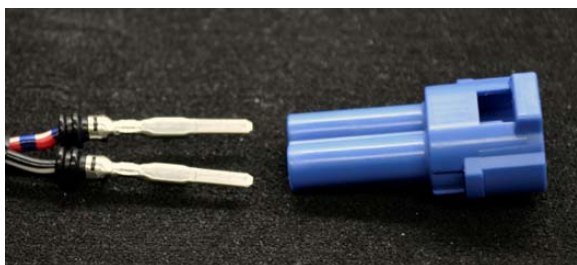
Place bare end of wire from buzzer into one side of supplied heat seal connector and crimp. Place ends of both cut terminal wire and S.C.O.M. unit red wire into opposite side and crimp to secure.



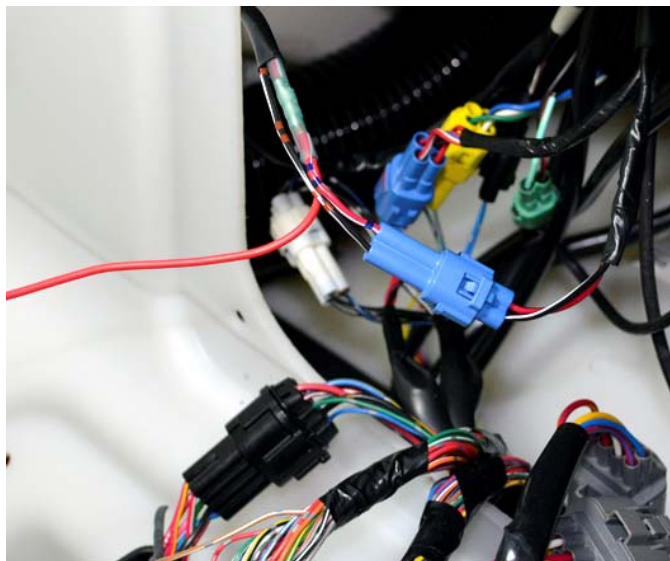
Using a heat gun carefully warm up connector until it collapses around wires. **NOTE: Do not use high heat or hold in one place. Move heat gun around continuously.**



Replace terminals in connector (Listen for a click!).  
**NOTE: Flat side of terminal faces side of connector with opening (see below). Ensure wires are oriented correctly to match wires from buzzer.**



Reconnect buzzer.



Replace ECU bracket (4 push pins).

Replace ECU and battery covers.

#### **IMPORTANT OPERATION NOTE:**

S.C.O.M. unit will not work when 'Fuel Economy Assistance Mode' is activated. Activating the fuel economy assistance mode decreases horsepower as outlined in your owner's manual (see pages 62 & 63 – GENERAL INFORMATION section).

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

#### **Limited Warranty**

RIVA Speed Control Override Modules 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 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.