



Dash Logger Extension Cable

PART# - RS11850-MD60-EC-10

APPLICATION(S): RIVA/Athena Dash Logger with 2010~09 Sea-Doo 4-TEC Models

This document is broken up into two sections. Proceed to applicable section.

SECTION 1: Craft previously equipped with a RIVA S.C.O.M. Unit

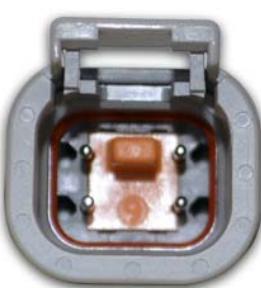
SECTION 2: 2010~09 models without RIVA S.C.O.M. Unit

- INSTALLATION INSTRUCTIONS -

SECTION 1:

Craft previously equipped with a RIVA S.C.O.M. Unit. Otherwise proceed to next column.

Plug Extension Cable onto connector on Dash Logger and on S.C.O.M. unit.



To Dash Logger



To S.C.O.M. Unit

DO NOT INSTALL JUMPER WIRES, BUS BAR AND FUSE

SECTION 2:

2010~09 models without a S.C.O.M. unit



iS Models

Open rear boarding platform.

Remove right storage bin.

Other Models

Remove battery access hatch.

Unplug diagnostic cable from retainer clip.



Remove battery cables. **Black first. Red second.**

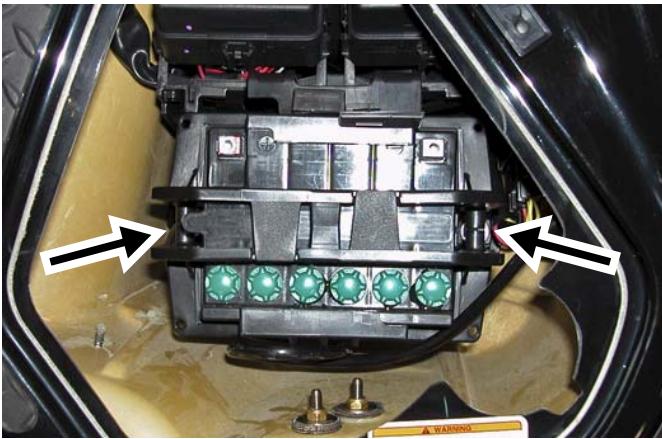
Disconnect battery vent tube from battery. **NOTE: Take care not to spill battery acid. Clean immediately.**

Separate electrical component support from battery holder by prying top of support up & forward.



Move support aside to make room.

Remove bolts (2) securing battery holder to hull.
Remove battery holder.



Inside hull flip electrical component support on its side to access voltage regulator. Disconnect black and gray electrical connectors from voltage regulator.



Follow voltage regulator wiring harness from connectors back to fuse boxes.

Insert and feed longest end of Electrical Harness Wire (supplied item #4 – purple wire) into harness sheath.



Feed purple wire into and through first section of sheathing to voltage regulator connectors. Pull purple wire through first section of sheathing. Insert and feed into second section of sheathing until end reaches diagnostic connector.



Remove o-ring from end of diagnostic connector.



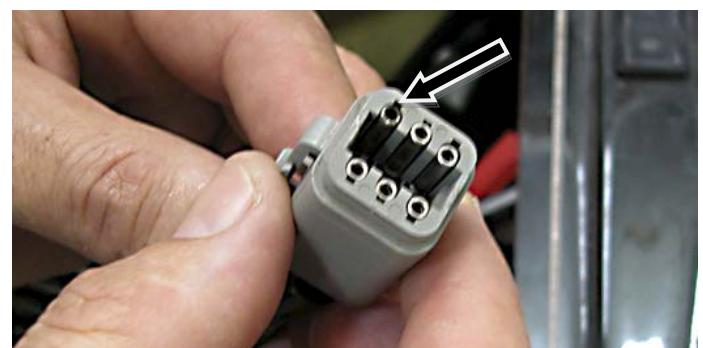
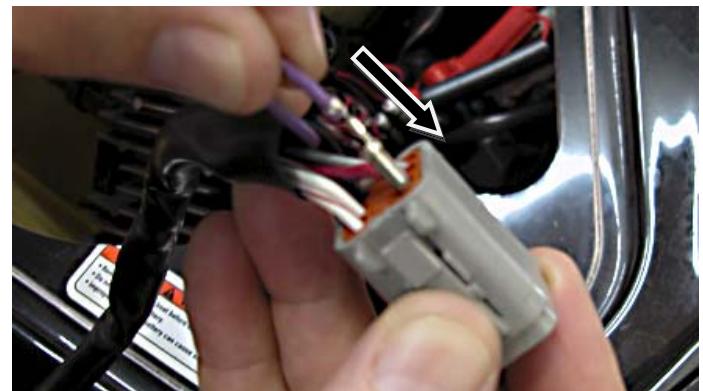
Remove white plastic plug (block-off) from pin hole #6.



Carefully pry up edge of connector cap to remove.



Insert end of Electrical Harness Wire (purple wire) into connector and lock into place. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.

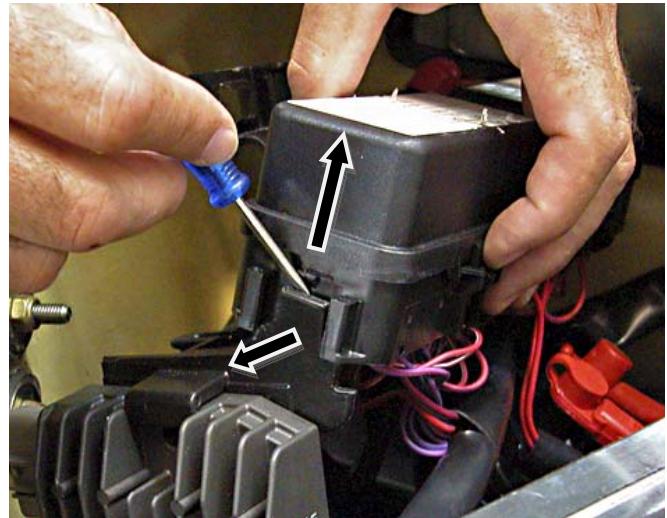


Replace connector cap and o-ring.

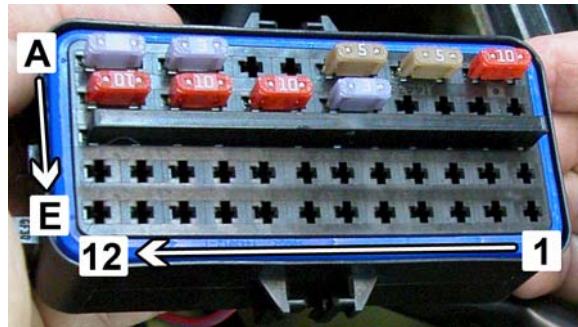
Reconnect black and gray electrical connectors to voltage regulator.



Rotate electrical component support to access fuse boxes. Remove fuse box closest to voltage regulator from electrical component support.



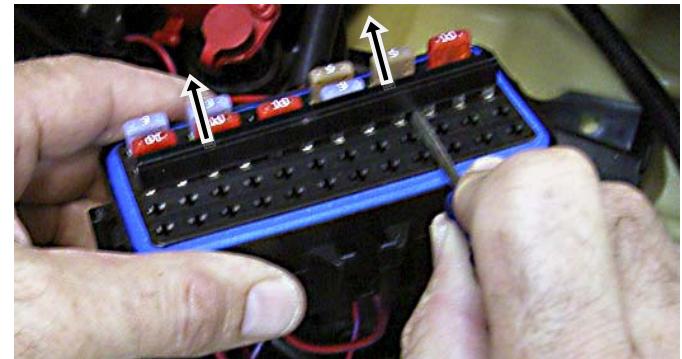
Remove fuse box cover to access fuses and bus bar.



- FUSE PANEL REFERENCE -

TIP: Cavity locations are labeled on underside of fuse panel.

Carefully remove bus bar from row 'C' by prying ends UP evenly. Do not remove one end or work side to side

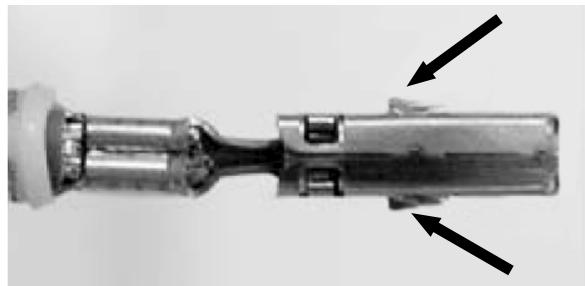
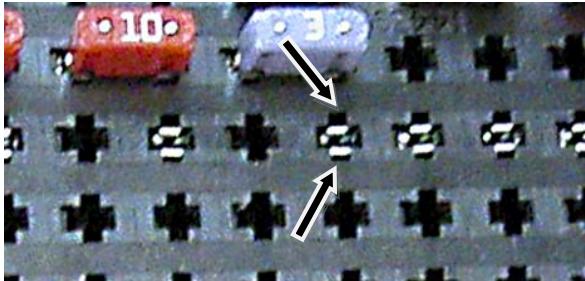


Remove rubber seal plugs from locations 'D6, D7, D8, E6 & E7' by pressing a small screwdriver into openings on top of fuse box. Seals will pop out at underside.



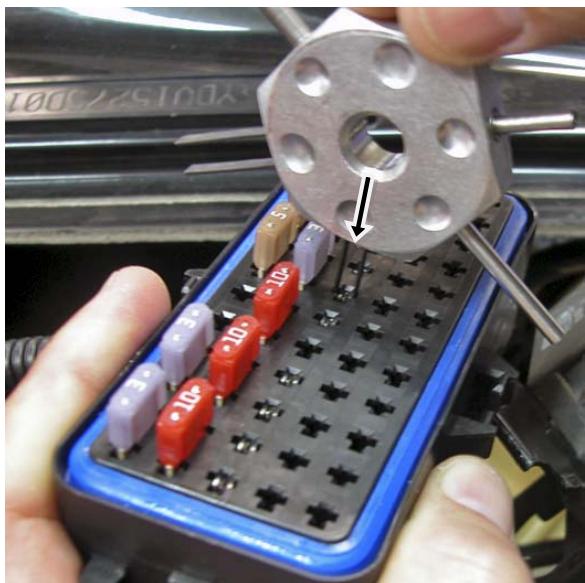
TERMINAL REMOVAL: Inserting supplied tool into slots at top and bottom of terminal depresses locking

tabs (see below). It may be necessary to remove fuses in order to insert tool completely.

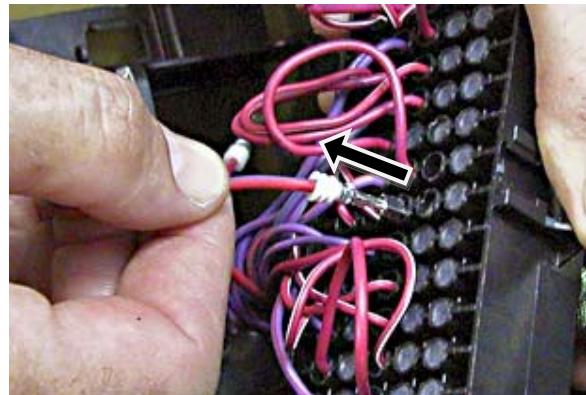


NOTE: Terminals fit one way only. Refer to top of fuse box to verify proper orientation. Do not force terminals into cavities.

Insert smallest set of dual prongs on supplied Terminal Removal Tool (supplied item #7) into location 'C6'.



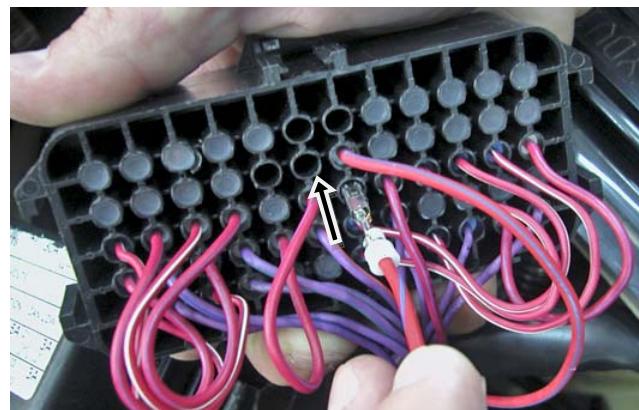
Flip fuse panel over. Pull wire from location 'C6' to remove.



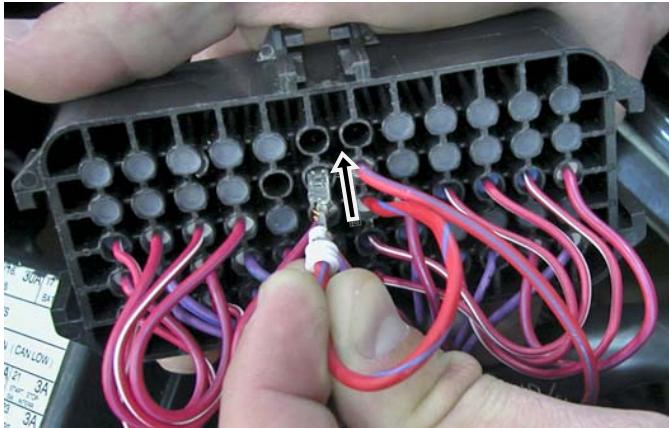
Insert wire removed from location 'C6' into location 'D6'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



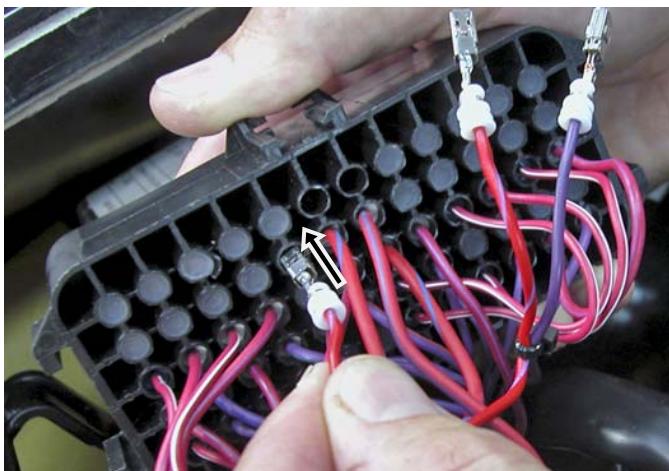
Insert one end of Jumper Wire (supplied item #5 – medium gauge red with blue stripe wire) into location 'C6'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



Insert opposite end of Jumper Wire (supplied item #5 – medium gauge red with blue stripe wire) into location 'D7'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



Insert one end of Electrical Harness Wire (supplied item #4 – small gauge red with purple stripe wire) into location 'D8'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



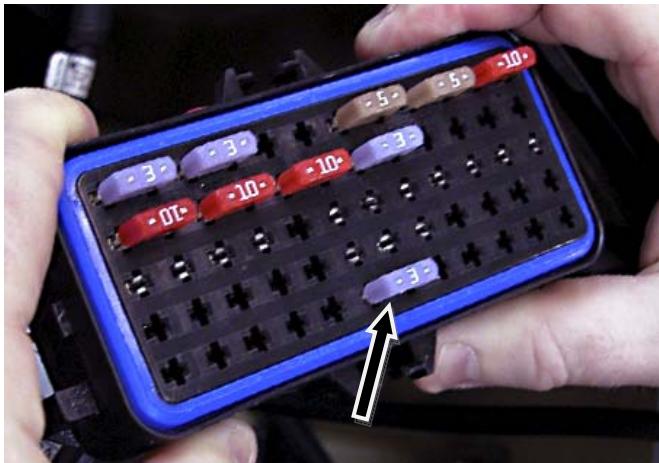
Insert other end of Electrical Harness Wire (supplied item #4 – small gauge red with purple wire) into location 'E7'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



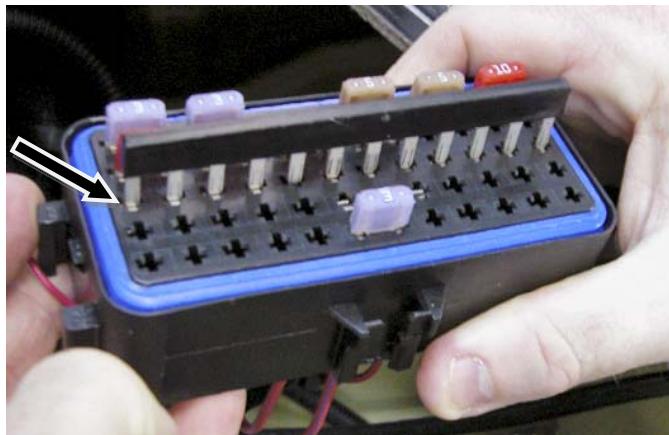
Insert end of Electrical Harness Wire (supplied item #4 – small gauge purple wire) into location 'E6'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



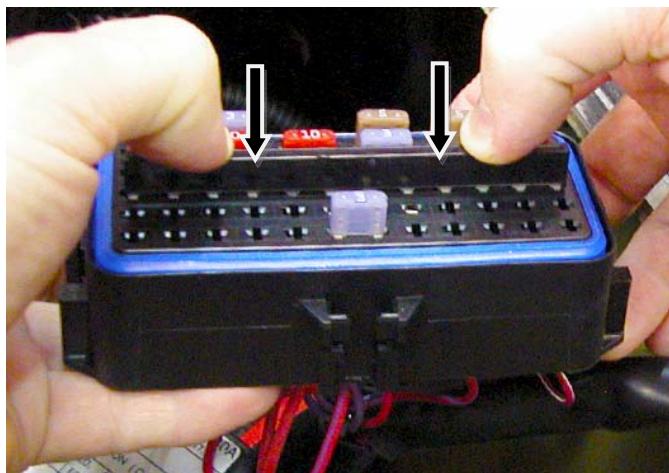
Flip fuse box over to view fuses. Install fuse (supplied item #3) into fuse panel across locations 'E6 & E7'.



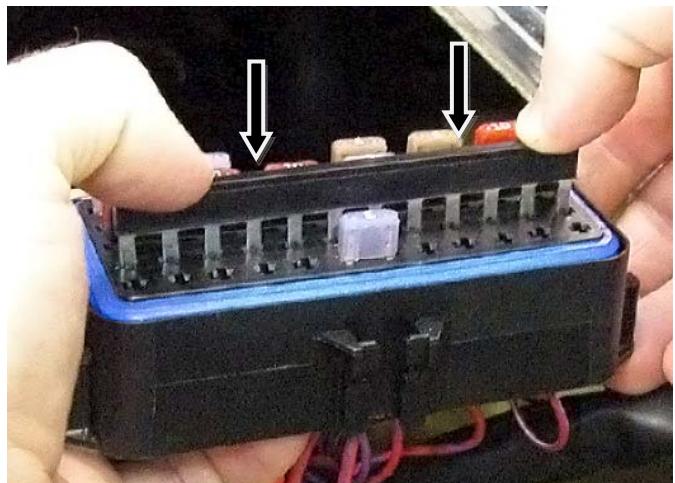
Replace bus bar removed previously (row 'C').



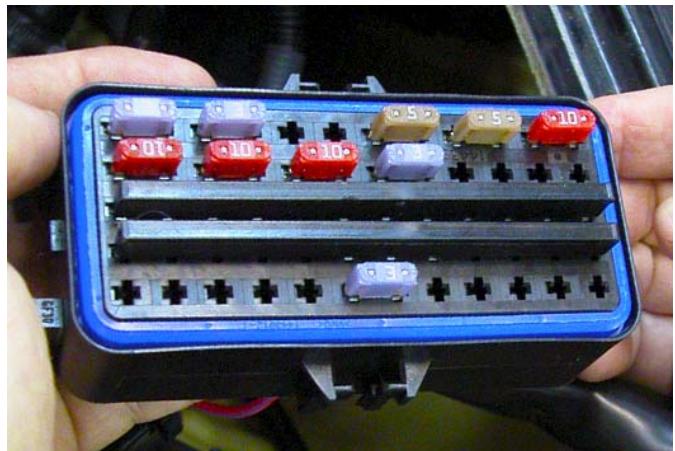
NOTE: It is important that you press bus bar evenly into place and straight down. Do not work side to side or bend pins.



Install supplied Bus Bar (supplied item #6) into row 'D'.



NOTE: It is important that you press the bus bar into place evenly and straight down. Do not work side to side or bend pins.



Replace fuse box cover.
 Replace fuse box onto electrical component support.
 Place battery holder in hull. Do not secure yet.
 Attach battery vent hose to battery.
 Secure battery holder to hull with stock hardware.
NOTE: Apply blue Loctite to bolts. Do not over tighten bolts.
 Reconnect battery cables. **Red first. Black second.**
 Replace electrical component support.

Plug Extension Cable onto connector on Dash Logger and to OEM Diagnostic cable.



To Dash Logger

To OEM Diagnostic Cable

Secure extension cable in hull using supplied zip ties and zip tie mounts.

iS Models

Replace right storage bin.

Other Models

Replace battery access hatch.

***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/Athena Dash Logger Extension Cable 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.