



Dash Logger Extension Cable

PART# - RS11850-MD60-EC-11

APPLICATION(S): RIVA/Athena Dash Logger with 2011 & Newer SeaDoo 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: 2011 & Newer 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
WIRE AND FUSE**

SECTION 2:

2011 & Newer Models without S.C.O.M. Unit



iS Models

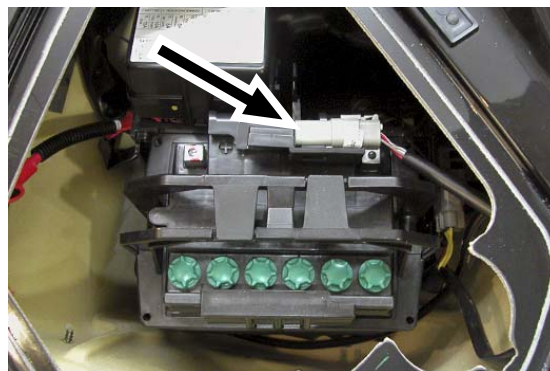
Open rear boarding platform.

Remove right storage bin.

Other Models

Remove battery access hatch.

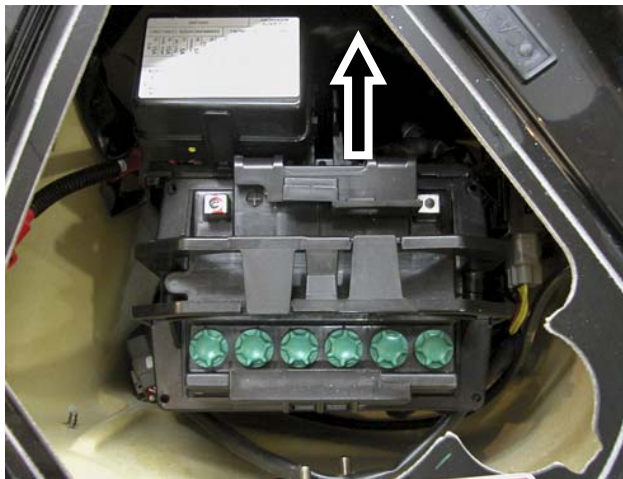
Unplug diagnostic cable from retainer clip.



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

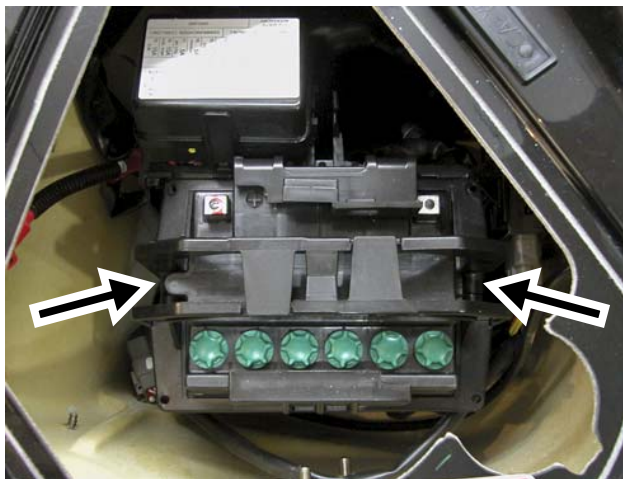
Disconnect battery vent tube from battery. **NOTE: Take care not to spill battery acid. Clean immediately.**

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.



Pry tabs (2) outward at sides of fuse box to remove from electrical component support.

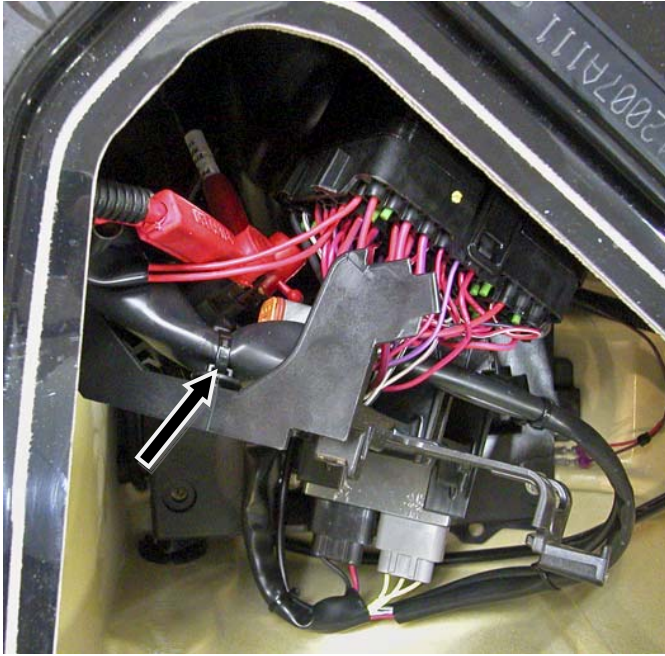


Inside hull flip electrical component support on its side to access voltage regulator. Disconnect black and gray electrical connectors from voltage regulator.



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

On side of electrical support bracket locate zip tie securing fuse box wiring harness. Cut and remove zip tie.



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



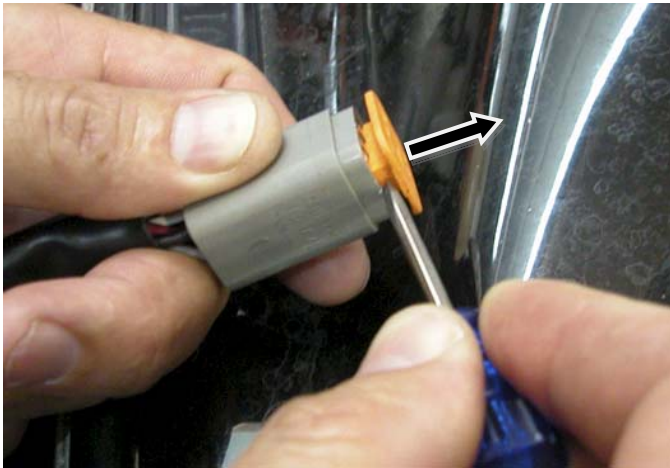
Feed purple wire into and through first section of sheathing to voltage regulator connectors. Pull purple wire through first section of sheathing. Insert and feed into second section of sheathing until end reaches diagnostic connector.



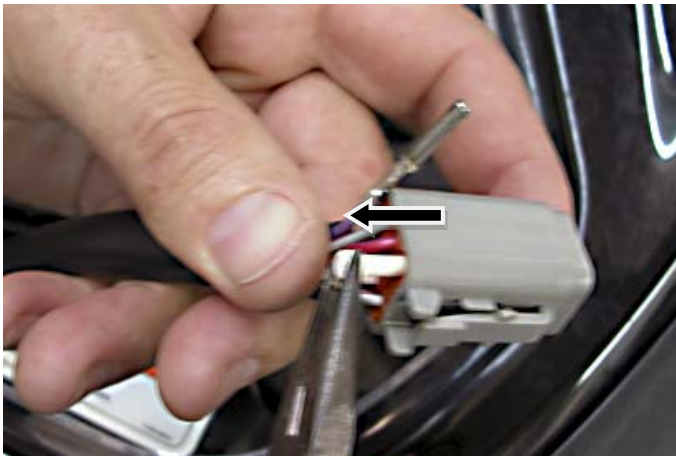
Remove o-ring from end of diagnostic connector.



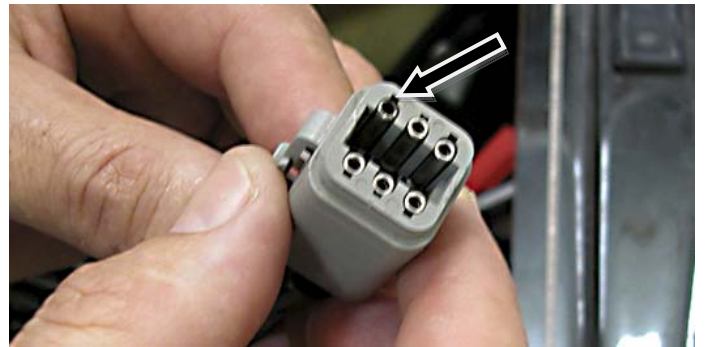
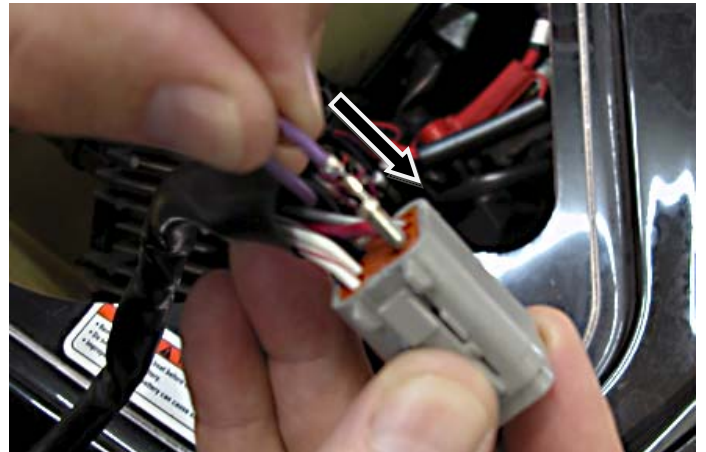
Carefully pry up edge of connector cap to remove.



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



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.

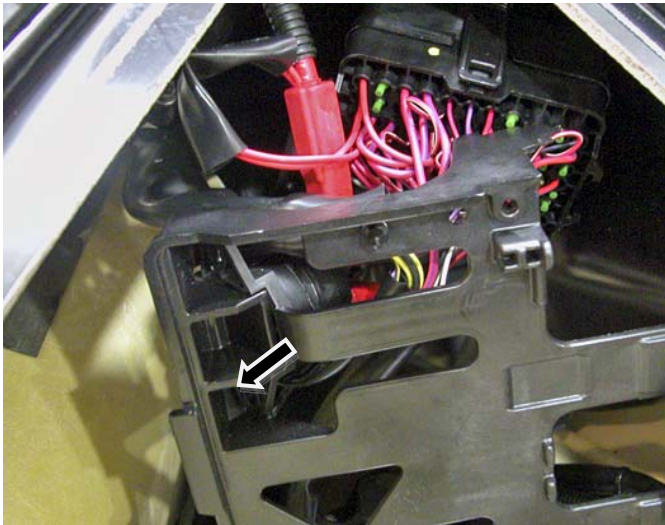


Replace connector cap and o-ring.

Reconnect black and gray electrical connectors to voltage regulator.



On back side of electrical support bracket pry back tab securing starter relay. Remove starter relay from support bracket.



Lay electrical support bracket down in hull. Locate fuse box. Squeeze top of tabs (2) on each side of fuse box lid. Lift up to remove.

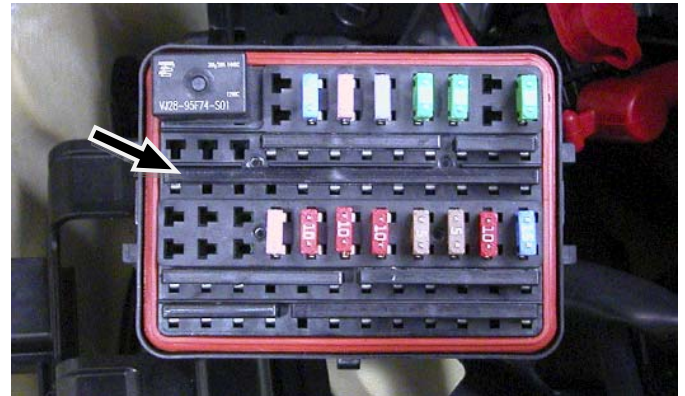


- FUSE PANEL REFERENCE -

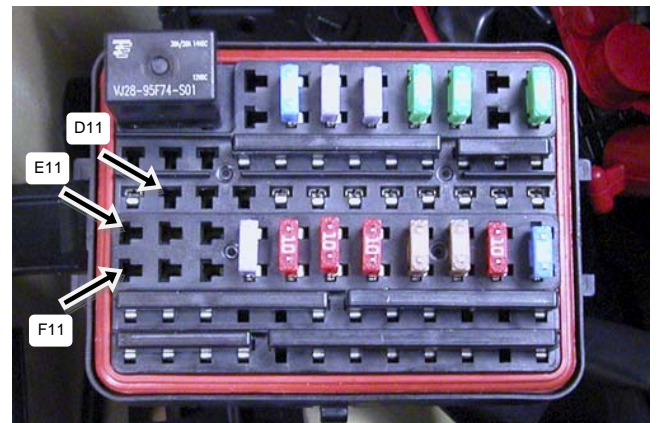


NOTE: Rows A, B, E & F contain 11 cavities.
Rows C, D, G & H contain 12 cavities.

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



Remove rubber seal plugs from locations 'D11, E11, & F11' by pressing a small screwdriver into openings on top of fuse box. Seals will pop out at underside.



At underside of fuse panel insert one end of red wire with purple stripe (supplied item #4) into location 'D11'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



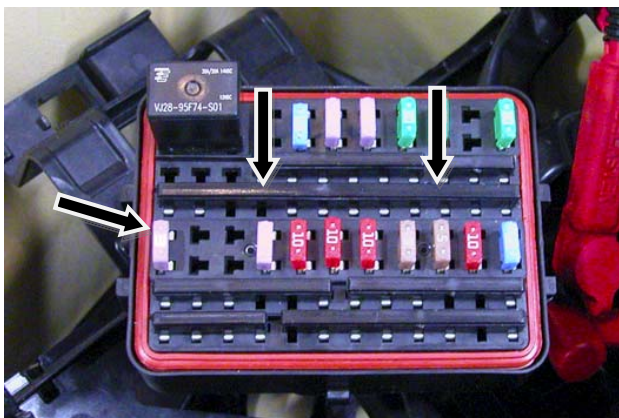
Insert other end of red wire with purple stripe (supplied item #4) into location 'E11'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



Insert end of purple wire (supplied item #4) into location 'F11'. (Listen for a click!) Pull back on wire to ensure terminal is locked in place.



Flip fuse box over to view fuses. Install supplied fuse into fuse panel across locations 'E11 & F11'. Replace bus bar removed previously (row 'D').



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

Replace fuse box cover.

Replace starter relay.

Replace fuse box onto electrical component support.

Secure fuse box wiring harness to electrical support bracket using supplied medium zip tie (1).

Place battery holder in hull. Do not secure yet.

Attach battery vent hose to battery.

Connect craft's diagnostic cable to connector on underside of S.C.O.M. unit.

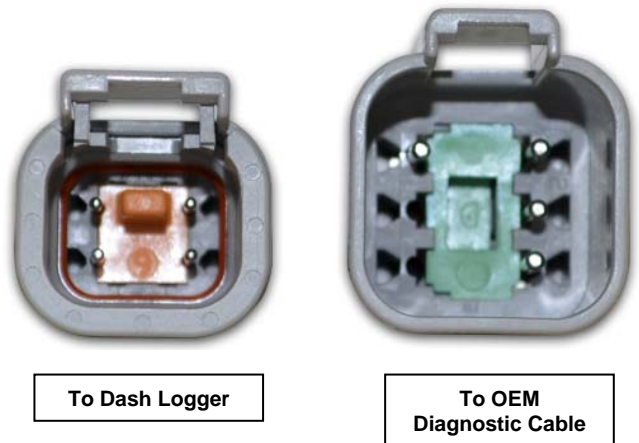
Replace electrical component support.

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.**

Plug Extension Cable onto connector on Dash Logger and 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.