

## Installation Guide for the XC Gear® Harness Update

- 1) Unhook the cable from the negative side of the battery. Failure to disconnect the ground may result in an electrical arc, which could cause permanent damage to the ECU. Tie this out of the way. It will be connected during the final steps. Be sure both fuses in the harness update are removed for installation later.
- 2) Remove the front plastic and both radiator shrouds. Then remove the air filter and clip.
- 3) You should now see the ECU, and Ignition relay/harness easily. Remove the vacuum line from the ECU carefully and thread it back through the grommet in the back of the airtray (back left side when facing the quad). With the hose out of the way you need to remove or cut away the little triangle where the grommet is. This will allow room for the new updates wires to feed through the back of the airtray. Once it is removed you can simply plug back in the vacuum line to the ECU, and let it go out the new opening in the tray.
- 4) Next, feed the wires and connectors from the XC Gear® harness through the back of the tray. They can hang out in the open for now. The relays will be mounted just to the left of the ignition relay. And parallel to it. Remove one of the relays and use the bolt assembly provided to attach one relay socket to the bottom of the tray. \*Note: be sure to look under the tray before drilling a hole...as other wires and regulator are below. The sockets are mated together and mounting one will hold both together. Make sure the mounting is solid and plug back in the removed relay. The airbox area is complete.
- 5) You will now run wires out both sides of the frame to their respective connections. See the following figures:



\*\*The following connectors will run on the driver side/positive side of the quad. Unplug the double connector on the positive side of the battery. This connector should have two red wires. Connector A will need to tee into this part of the positive battery harness.

Fig A



Fig B



Fig C

Locate and unplug the fuel pump connectors. Connector B will be plugged into the male end on the pump. Connector C (one wire) will be plugged into the female plug coming from the ECU to the pump.

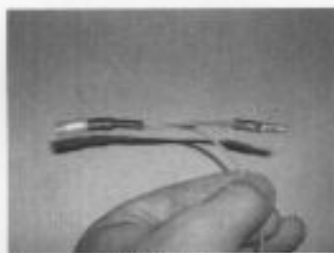


Fig D

Locate the wires running from the keyswitch and follow them until they bullet connect right under the steering stem mount, in-between the radiator and throttle body. You should see 3 wires, Green, Violet and Yellow. Unconnect the Violet wire bullet and tee figure D into the Violet connectors.



Fig E

\*\*The following connectors will run on the passenger/groundside of the quad. Remove one of the 2 bolts from the fuel pressure regulator (grounding bolts) and place connector E behind the regulator along with the other factory grounds. Install and tighten the regulator bolt to complete the ground.



Fig F



Fig G

Locate and unplug the fan connectors. Connector F will be plugged into the female end to the Fan. Connector G will plug into the connector from the ECU to fan.

- 6) Once all connections are together, secure all wires and connectors with zipties to avoid wires getting snagged or connectors coming lose. Secure both fuse holders to the frame using zipties or existing bolts. Remove the waterproof covers from the fuse holders (H) and install the two fuses in the harness (10A). You can now reconnect the ground and install all removed components (air filter, bracket, plastic, shrouds, etc)



***Congratulations, You are ready to ride!!***

If you have any questions or problems with the install/harness, contact your harness dealer. XC Gear® does not warranty or claim any responsibility for the installation and/or use of this harness. This was designed for off-road, competition use only. User/Installer assumes all responsibilities and/or damages.

Thank you,

XC Gear®