

Controller 4.0 Update SK0369

Introduction

This 5310324 Controller Kit includes the updated Version 4.0 Controller and a Red Power Lead that must be installed on older harnesses that do not have this power lead. SK0369 replaces SK5310324.



WARNING

DO NOT ATTEMPT TO ASSEMBLE THIS SYSTEM WITHOUT FIRST STUDYING THIS MANUAL AND INFORMATION ON LABELS INCLUDED WITH THE SYSTEM. FAILURE TO DO SO CAN LEAD TO IMPROPER OPERATION RESULTING IN SERIOUS PERSONAL INJURY AND/OR PRODUCT DAMAGE. IF YOU HAVE FURTHER QUESTIONS AFTER REVIEWING THIS INFORMATION, CONTACT A SHORESTATION REPRESENTATIVE AT (800) 859-3028.

Safety Instructions

▲ WARNING

- **ASSEMBLY AND INSTALLATION OF THIS SYSTEM MAY REQUIRE WORKING OVER WATER. ALWAYS WEAR A PERSONAL FLOATATION DEVICE (PFD) WHEN WORKING OVER THE WATER.**
- Always wear proper personal protective equipment such as safety glasses, gloves, hardhats, and clothing.
- Never work alone and observe safe lifting practices such as team lifting and proper lifting posture.
- Do not modify the equipment unless you have received direct written approval from the manufacturer (ShoreStation)
- Remove all jewelry and any conductive items from your body before working with DC system
- Check all fasteners for tightness periodically.
- Cover the terminals on the end of the harness with a non-conductive material (like tape) when they are not connected to prevent shortening.

Tools Required:

Needle nose pliers. 1/2" Wrench

Assembly Instructions

1 – Disconnect Power

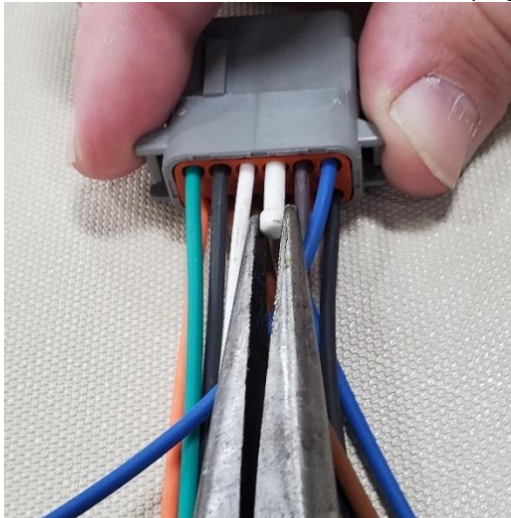
Disconnect the power by unplugging the battery.

2 – Unplug Harness

Remove the current controller and unplug the harness.

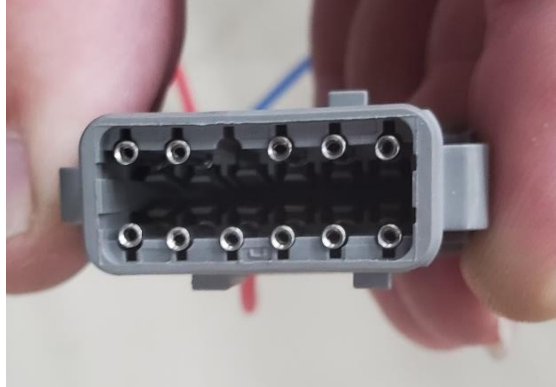
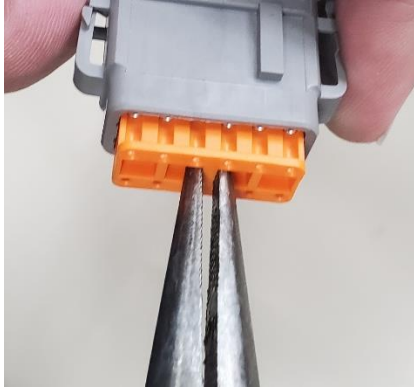
3 – Remove White Plug

Remove the white plug that is where the wires are going into the harness connector, next to the white wire. If there is a red wire there instead of a white plug, go to step 7.



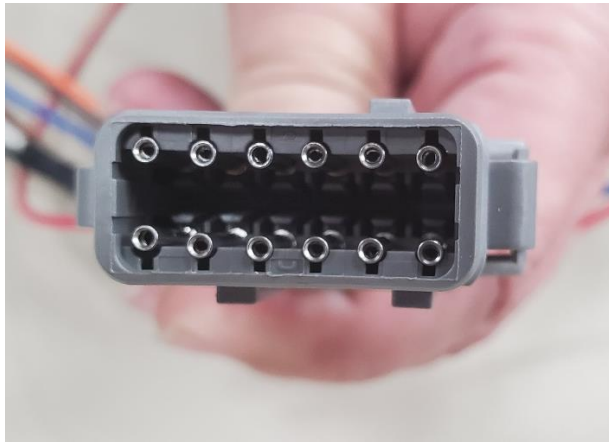
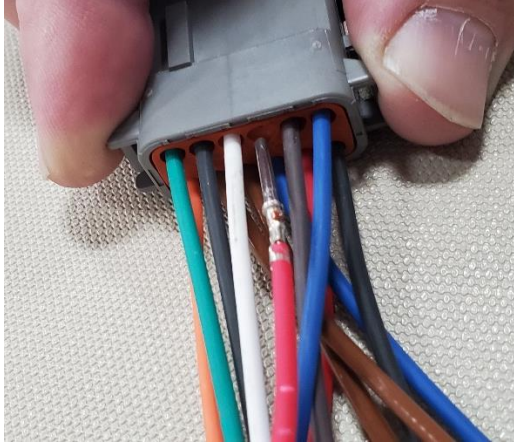
4 – Orange Insert

Remove orange insert from the other end of the connector as shown.



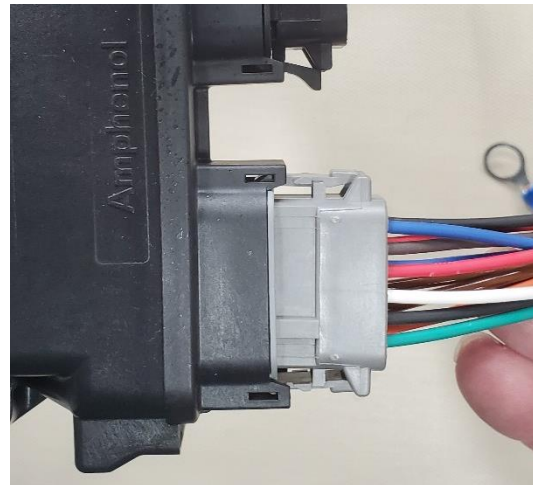
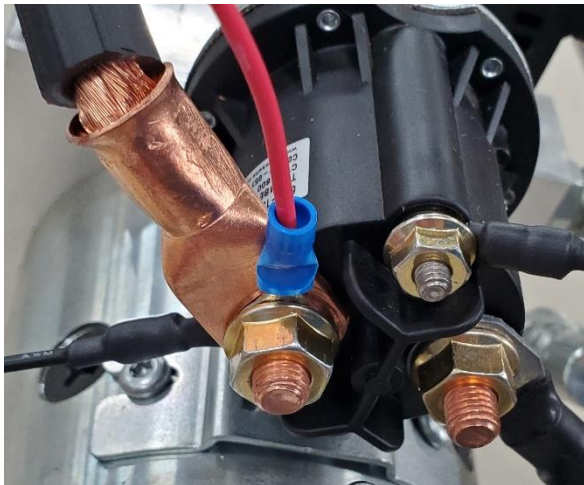
5 – Insert Terminal

Insert the small barrel terminal of the Red Power Lead into the harness connector as shown. It should snap into place and be flush with the others in the connector. Give it a slight pull to ensure that it does not come out. Replace orange insert into connector.



6 – Connect Positive Post

Place ring terminal from Red Power Lead onto the positive post on the pump where the power cable is connected as shown.



7 – Check

Install the new controller and plug the harness in. Connect power and check that it works.