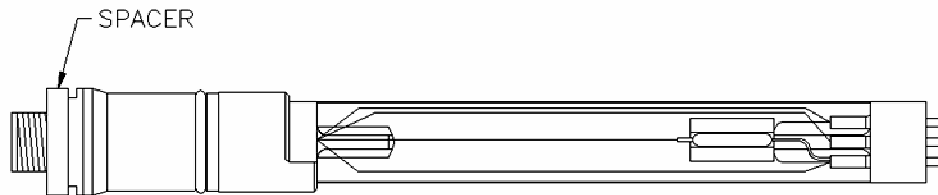

SERVICE INSTRUCTION

A change has been made to the 79460-01 and 79460-03 Plug Assemblies that are used in the Vector Cascade Corded applicators (79500, 79501, and 79523) as well as the 79513-XXX Control Units. This change does not affect the Vector Cascade AA90 high pressure applicators (79580). This change will help to eliminate the problem of unnecessary SF faults. It will also increase the reliability of the ground connection to ensure operator safety.

To determine if you have a new or old version Plug Assembly, locate the spacer at the bottom of the Plug Assembly. On NEW Plug Assemblies the spacer is WHITE. On OLD Plug Assemblies the spacer is BLACK.



WARNING

DO NOT USE A NEW PLUG ASSEMBLY ON A CONTROL UNIT WIRED FOR AN OLD PLUG ASSEMBLY. THIS CAN LEAD TO APPLICATOR MALFUNCTION AND CAUSE A SAFETY HAZARD. LIKEWISE, DO NOT USE AN OLD PLUG ASSEMBLY ON A CONTROL UNIT WIRED FOR A NEW PLUG ASSEMBLY.

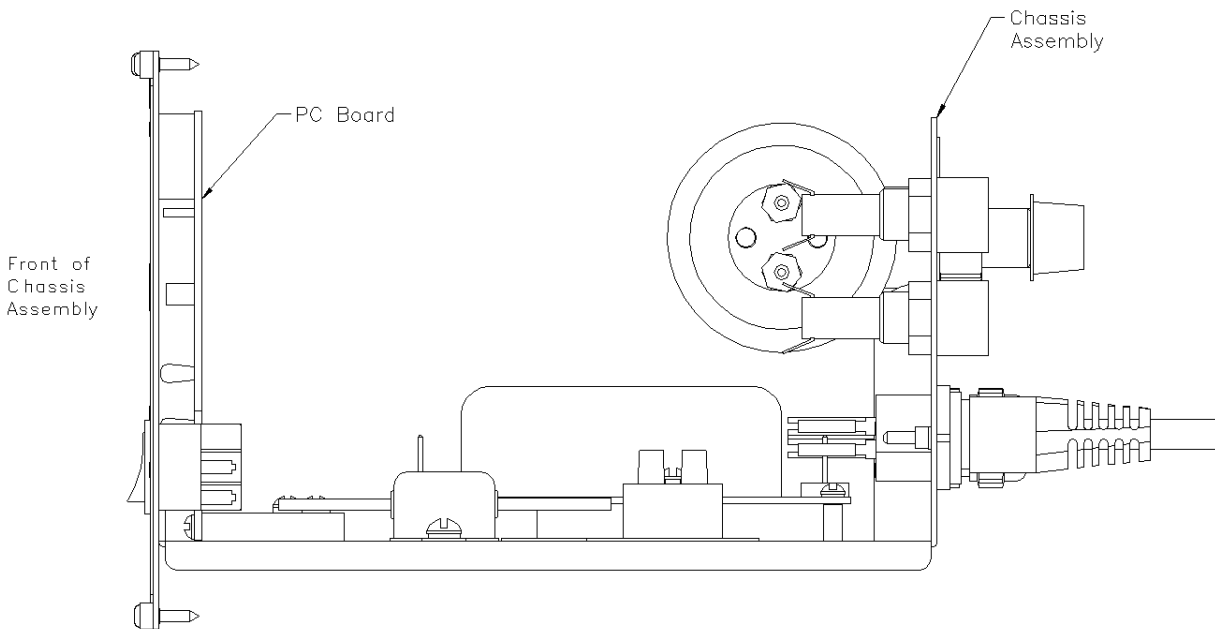
In order for the new 79460-01 and 79460-03 Plug Assemblies to work with an existing 79513-111, -112, -121, or -122 Control Unit (Non-AA90 Control Units), a simple wiring change must be made. The 79460-01 and 79460-03 Plug Assemblies are the non-Kalrez and Kalrez Plug Assemblies used in the Vector Cascade Corded Low Pressure applicators. This procedure is listed below.

Procedure to re-wire an existing Control Unit to work with a new Plug Assembly

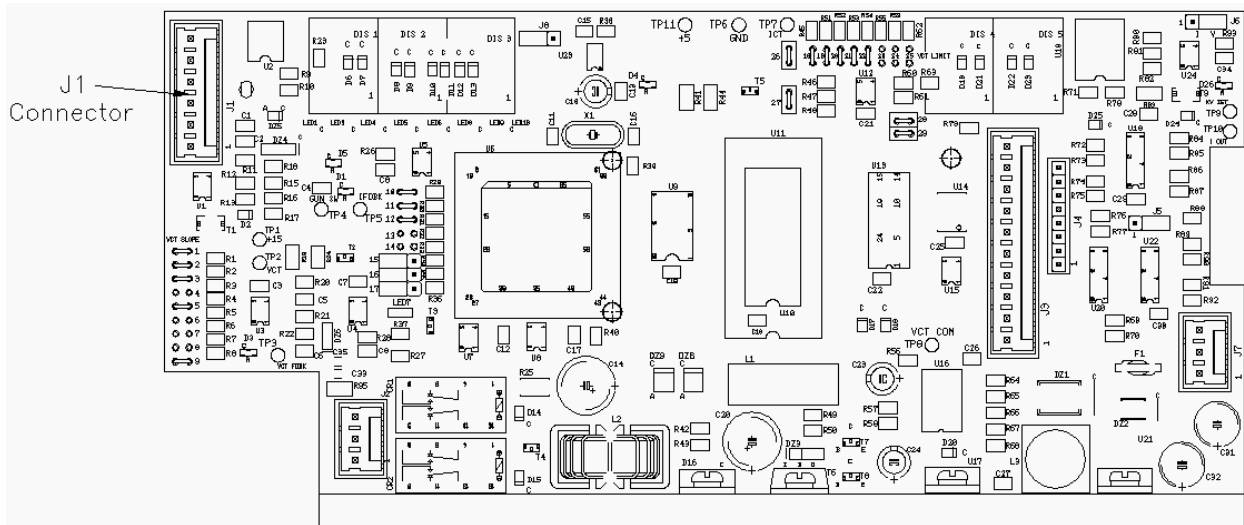
1. Turn OFF the Control Unit.
2. UNPLUG the Control Unit.

WARNING: Ensure ALL power input to the control unit is terminated. Verify this by making sure ALL lights on the front panel are OFF.

3. Loosen the (4) screws on the front of the Control Unit and push the Chassis Assembly out of the Enclosure.
4. Locate the PC Board in the front of the Chassis Assembly.



5. Locate the J1 connector in the upper left hand corner of the PC Board when viewed with the front of the Chassis Assembly facing away from you.

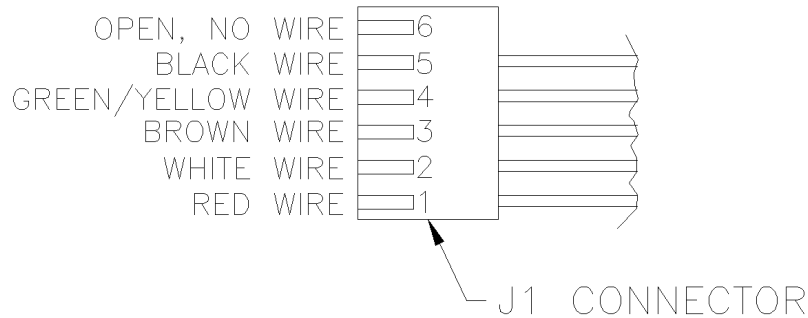


PC Board when viewed with the front of the Chassis Assembly facing away from you.

6. Unplug the J1 connector from the PC Board.

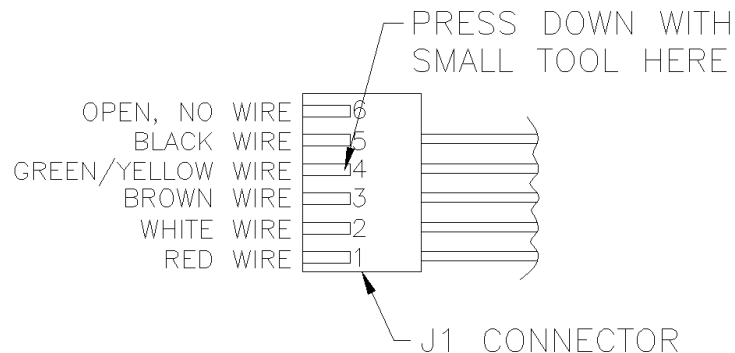
NOTE: If the connector is difficult to remove, use a small flat head screw driver to help pry the connector off of the PC Board. Place the screw driver flat between the connector and the PC Board receptacle along the bottom edge and GENTLY push upwards to loosen the connector.

7. Currently the J1 connector should be wired as shown below:

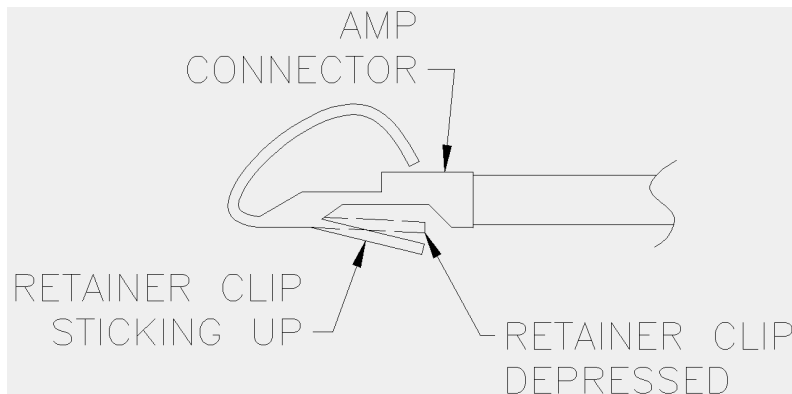


8. Remove the green/yellow wire from its current position (4) and move it to the open, no wire location (6) on the connector.

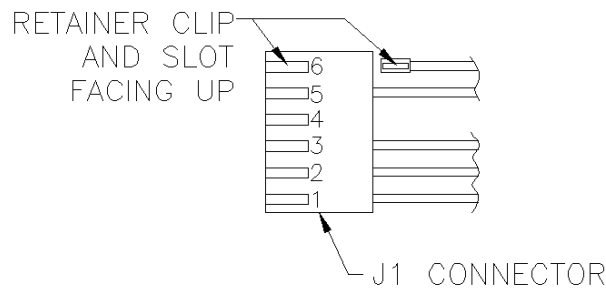
- a. To remove the wire, first press down with a VERY small pin or screwdriver on the metal clip (AMP Connector) that can be seen through the slot in the J1 connector.



- b. Gently pull out the green/yellow wire from the connector. The AMP Connector should still be attached to the green/yellow wire and the retainer clip should be sticking up. If the retainer clip is depressed then GENTLY use the small tool you used to remove the wire, to bend the clip back up into place. If the retainer clip is depressed the wire will not stay in the J1 connector.

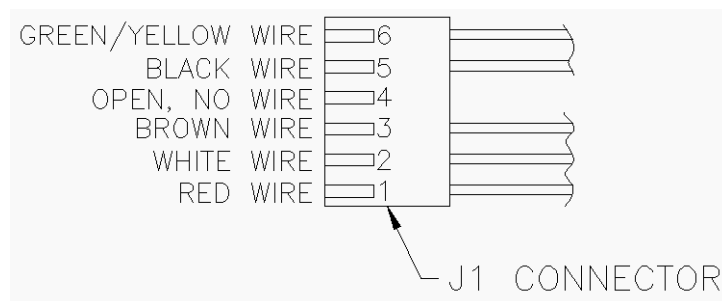


- c. Push the green/yellow wire into position 6 of the J1 connector. To properly insert the wire, the retainer clip side of the AMP Connector and the side of the J1 connector with the slots should both be facing up.



- d. After the wire has been inserted into position 6 of the J1 connector, gently tug on it to make sure the retainer clip of the AMP connector catches in the J1 connector. If the wire comes out, try fixing the retainer clip on the AMP Connector again and reinsert the wire.

9. Your connector should now be wired as shown below:



10. Place the J1 connector back onto the PC Board in the same location where it was removed from. The side of the J1 connector with the slots on it should be facing out (towards the edge of the PC Board), and the side of the J1 connector with the plastic groove should be facing in (towards the middle of the PC Board). The green/yellow wire should be at the top of the J1 connector and the red wire at the bottom.
11. Push the Chassis Assembly back into the enclosure and tighten the (4) screws on the front of the Chassis Assembly.
12. Plug the Control Unit in.
13. Turn the Control Unit ON.
14. Verify correct operation of the applicator.

Manufacturing

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Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.