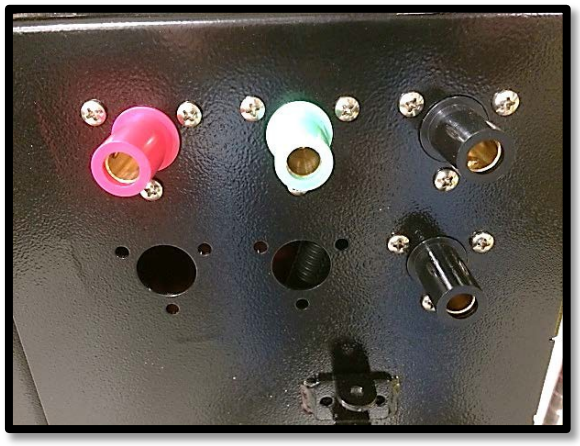
Sealed Cable Gang - 32062
Installation Instructions

This document will serve as instructions for installing sealed cable gang 32062.

1. Remove the Condenser fan connection, the APU cover and the DC connectors from the side of the APU; Red, Green and 2 Black cables.
    a. Twist the cables counterclockwise to remove them from their sockets.



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2. Remove the negative cables on the back APU battery.
    a. Remove the cover on the Rear of the APU (under the truck's frame).
    b. Locate the negative terminal on the rear battery (black cables).
    c. Remove all cables from the back batteries
    d. Make sure that the black, negative cables are not making contact with the rear negative battery post.

Rear battery negative connections

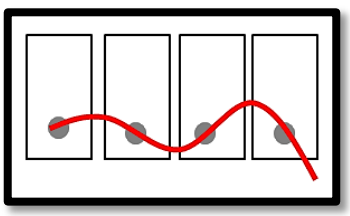
3. Remove all of the positive cables from the four AGM batteries.
    a. Make sure to remove the additional cable from the front battery that connects between the battery positive post and the battery separator.

4. Remove the outer 2 battery hold-down bolts.
    a. These bolts are reached from the bottom of the APU (1/2” bolt heads).
5. Loosen the remaining 3 battery hold-down bolts but do not remove them.

6. Reroute the 14 gauge, small, red and black wires from the rear of the APU to the front of the APU.
    a. These wires will no longer be connected on the back AGM battery.

7. Slide the front battery out to expose the positive terminal.
    a. Clean the terminal
8. Slide the positive cable assembly to the rear of the APU keeping the cable assembly on the top of the AGM batteries.
9. Connect the final (4th) sealed cable onto the front battery positive terminal
    a. Put the sealed cap in place on the top of the battery cable connection.

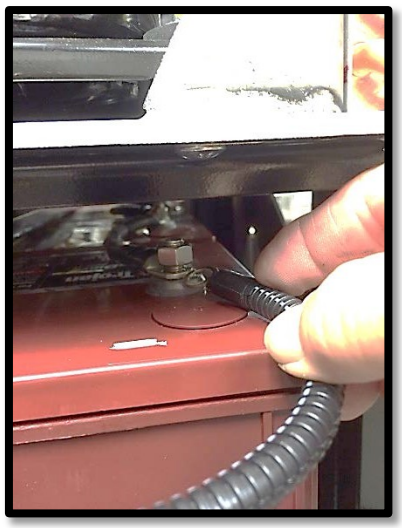
10. Slide the front battery back into position with the battery positive post under the frame member.
11. Connect the cable assembly to the remaining 3 battery positive posts.
    a. Move the batteries and the cables (back and forth), if needed, to make the battery post connections.
    b. The cable assembly will form a “snake” shape when connected to all 4 batteries.



12. Connect the black (negative cables) to the rear battery

13. Connect the Red small 14 gauge wire to the top of the battery separator.
    a. Connect it to the post toward the outside of the APU.

14. Connect the small gauge black wire to the front battery, negative post (black cable).



15. Align the 4 batteries and tighten the center 3 bolts to 60 inch pounds.

16. Install the front and rear battery hold down bolts.
    a. Torque these bolts to 50 inch pounds
    b. DO NOT OVERTIGHTEN and crease the batteries!
17. Zip Tie loose wires and cables on the front and rear of the APU.
18. Replace the front and rear APU covers.
19. Connect the condenser fan harness connector.