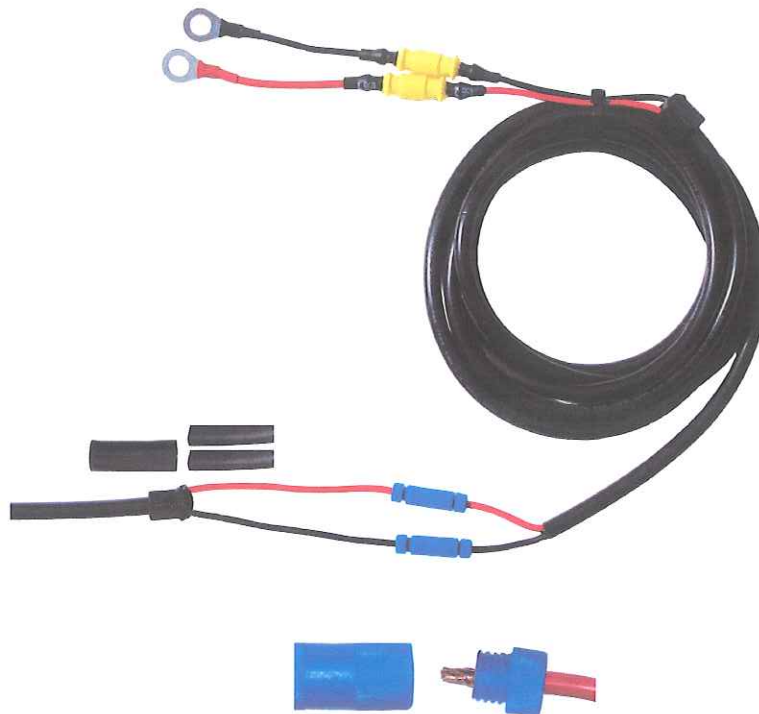




PRO Charging Systems

Charge Cable Extension Kit Installation Instructions



Battery Charger Cable Extensions

Installation Instructions

The following instructions are provided for help in installing the battery charger cable extensions that are available in 5', 10' and 15' lengths from the Pro Charging Systems, LLC company. These extensions are designed to be used with any "on-board" chargers with individual outputs of 15 amps or less that utilize a 14 awg wire size only.

Included in this package are the following:

1. One charge cable extension in a 5', 10' or 15' length.
2. The extension will have fuses located in fuse holders at the end of both the red (positive/+) and black (negative/-) leads.
3. (2) splice connectors.
4. (2) small pieces of heat shrink to seal each splice connection.
5. (1) larger piece of heat shrink to seal the combination to in use of the extended charge cable.

Tools Needed:

1. A cutting tool in order to cut the charge cable that is to be extended.
2. A tool that can be used to strip the cable that has been cut in order to splice this cable to the charge cable extension.

Please take the following steps to insure a safe and functional installation:

1. Be sure that a/c power is not connected to the charger.
2. Ensure sure that the charge cable that you wish to extend is not connected to a battery.
3. For the d/c lead to be extended, the red (positive/+) and black (negative/-) leads should be cut within roughly an inch of the ring terminals at the end of the cable. This will leave you with plenty of wire to make the appropriate connection.
4. Using a tool to strip the wires, strip the red (positive/+) and black (negative/-) leads back 1/4 inch to expose the copper strands.
5. Slide the two smaller pieces of heat shrink over each of the leads that were stripped, and then slide the larger piece of heat shrink over both of the smaller pieces of heat shrink.
6. Insert the stripped section of wire on each d/c lead into the splice connector that is connected to the same color of wire on the charge cable extension. and twist the end of the Pose-Lock connector into place until tight. (Figure 1)
7. Pull on the connection with at least 30 pounds (lbs.) of force to ensure that the connection has been secured properly.
8. Slip the smaller heat shrink over each of the two connectors individually and heat to make a good seal. (Figure 2)
9. Complete your connections by slipping the large heat shrink over the two connections together and heat to seal as one section. (Figure 3)
10. Now you are ready to connect or reconnect to the appropriate posts of the battery you wish to charge.

CAUTION

Always consult the owner's manual for the battery charger and batteries before making any connections to the battery or batteries or connections to a/c power.

Also, be aware that cutting charge cables may void the warranty on the charger you are altering. We strongly recommend that you call the manufacturer of the charger you wish to alter. Lengthening cables may be detrimental to the performance of the charger in question.

For installation help, contact our Technical Support Group at 1-800-742-2740.

Battery Charger Cable Extensions

Installation Drawing

Figure 1

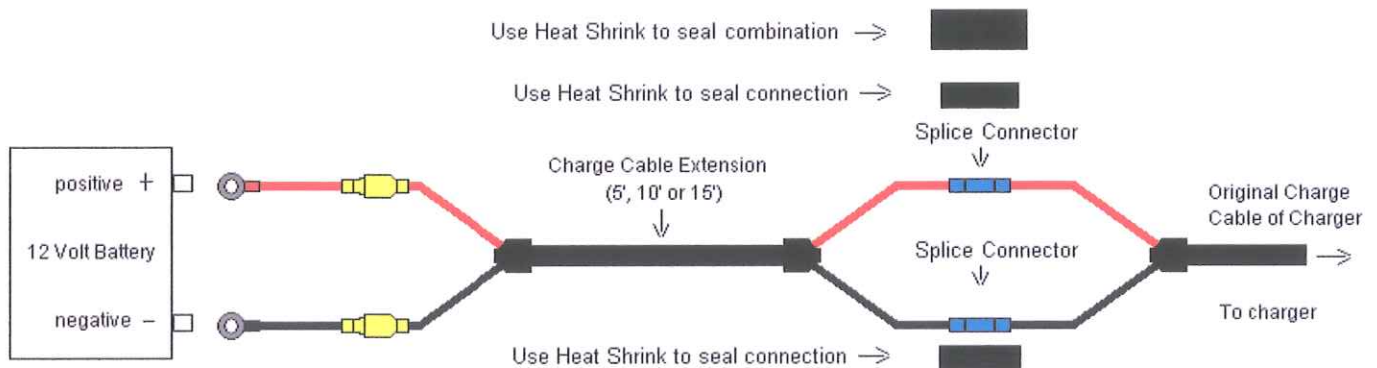


Figure 2

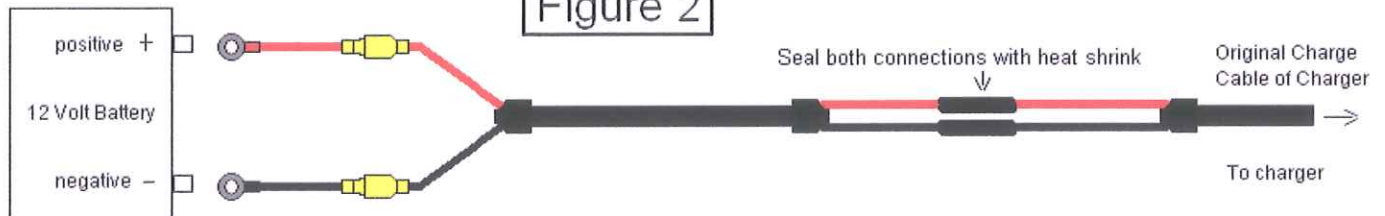
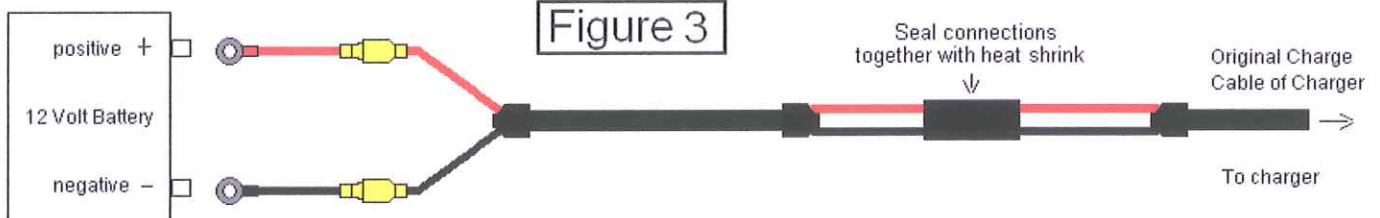


Figure 3



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