



Revision 1.2



# Product Safety Recall 11V-039

## Fuse Protection for the 12V Circuit

**OVERVIEW** A fuse holder and fuse must be added to the 12V output of the voltage reducer. This will protect the wires and circuitry in the safety equipment and accessory loop. Depending on the setup for your cart the fuse can be installed in the main harness or in the voltage reducer output. On either side of the "Anderson" connector.

Also the fused input to the voltage reducer might not have a 7.5 amp fuse installed in it. If the fuse has a different rating (such as 20 amp) it needs to be replaced with a 7.5 amp fuse.

### TIME ALLOWED FOR WARRANTY

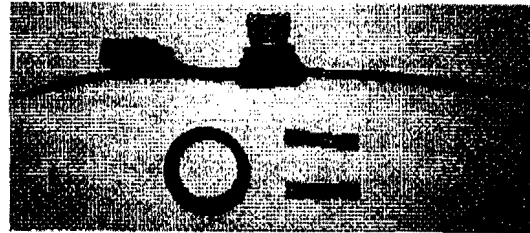
Fairplay will credit dealers 1/2 hour for this repair.

### TOOLS NEEDED

Diagonal side cutters  
Wire strippers  
2 ea Butt splices  
Crimp lug crimper  
Ruler

### PARTS NEEDED

Fuse Holder  
20AATO Fuse  
2 ea butt splices  
Electrical tape



### MAIN HARNESS PROCEDURE

This notice describes how to add a fuse to the main wiring harness. Shown at the right is the part of the harness that we will be splicing the fuse holder into.

The fuse holder is installed in the positive side of the circuit which is the red wire.



Strip back the wire loom from the Anderson connector back to near the main harness as shown.

Cut both sides of the fuse holder to 1" as shown. Strip back 3/8" of the insulation on each side.

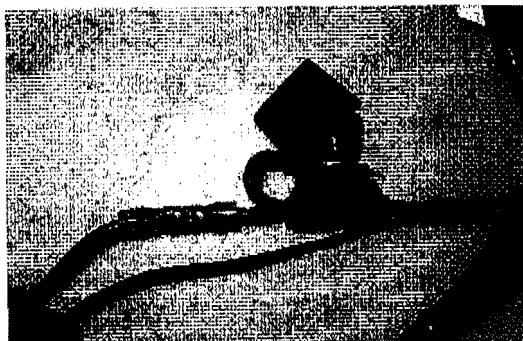
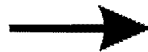


At the right is a picture of the fuse that should be in this fuse holder. It is an ATO 20 amp unit which is Fairplay part number **CSA-004-20**

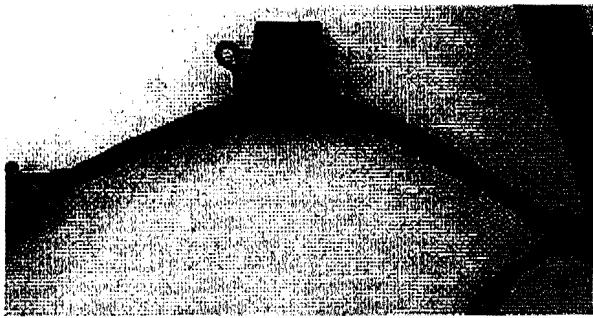


Cut the red wire 2" from the Anderson connector and strip back 3/8" from the connector side of the cut.

Place the butt-splice on both ends of the wire and crimp with a crimper as shown.



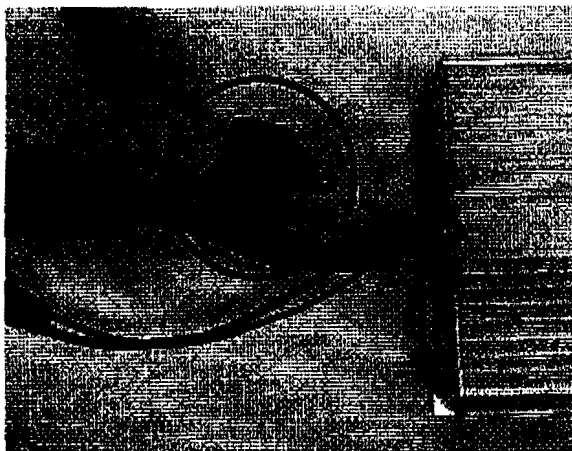
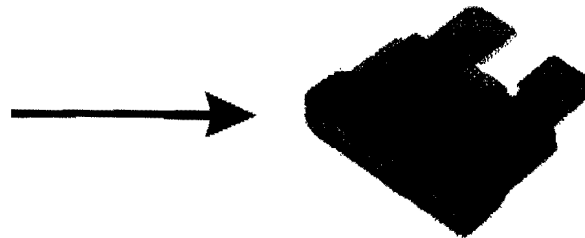
Complete the same operation on the other side of the fuse holder after you have cut and stripped that end as shown.



Apply loom material over both sides where you have grafted the fuse holder and cover with electrical tape. If you don't have loom then just tape will work too.

### VOLTAGE REDUCER INPUT FUSE REPLACEMENT

The fuse on the input to the voltage reducer should also be checked to make sure it is the correct value. All units Fairplay has shipped have this fuse installed so no soldering is necessary. The correct value for this fuse is 7.5 amps. The fuse is one of the type shown at the right.



This is an EVE / 2009 and later voltage reducer. It should have a 7.5 amp ATO fuse inserted into the fuse holder shown.

If you have questions contact the Fairplay Technical Advisor at (866) 557-0342 or email [support@FairplayCars.com](mailto:support@FairplayCars.com)