

ULTRA SR HIGH CURRENT POWER

FUSE INSPECTION AND REPLACEMENT

Ultra SR electric meters require high current power directly from the tractor batteries. This HC power requires fuses to protect the electric motors from an overcurrent situation. In 2023, some SR units received mini fuses (Figure 1). There are two fuse panels for the meters, each one providing fused power for 8 meters. They are located under tanks 2 and 4. If mini fuses are found, they should be replaced with a correct ATO (regular) **15-amp** fuse (Figure 2).

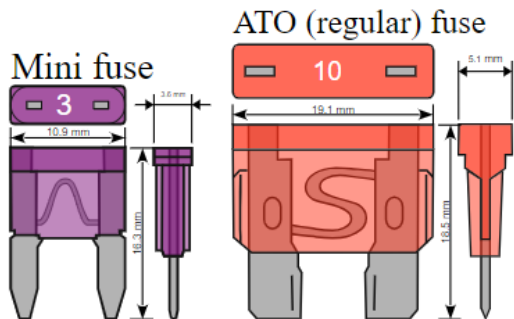


FIGURE 3

NOTE: 15-amp Blue ATO Fuses required

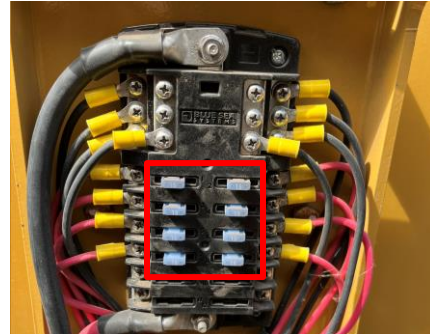


FIGURE 1 **Wrong**

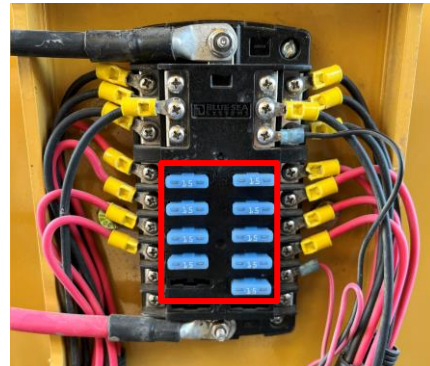


FIGURE 2 **Correct**

CONNECTIONS INSPECTION

In addition to ensuring the correct fuses are installed, these panels should be inspected to ensure that all connections are clean, and tight. All connections within the fuse panel should have firm connections, but specific attention should be paid to the grounds located at the top of the panel. Poor grounding from loose connections can cause uneven voltage and amperage conditions resulting in improper metering, and damage to the motors. As mentioned above, the Ultra SR requires high current power direct from the tractor batteries. The battery connections should be routed to one battery only. At the hitch, ensure that the Anderson Connector is clean and solid with no corrosion.

