
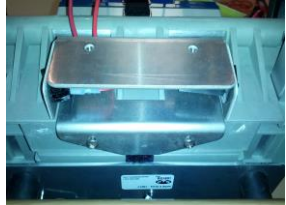




TS- My Machine Won't Hold a Charge (Grand Machines)

Step	Description	Tools	Picture
	<p>Models that Apply: Elite Grand 4, 5, and 5-LE</p> <p>This guide applies when you try to charge your machine but the battery does not seem to be holding a charge, or the LED light on the charger is staying green even when plugged into the wall outlet and the machine.</p>		
	<p>Step 1 – Check Reset Switch</p> <ol style="list-style-type: none"> On Elite Grand models (EL04, EL05, EL05 LE) The reset switch is found underneath the rear of machine, to the right of the case mounting bracket. If reset switch has tripped, First turn off the Man Power Switch (A) (found on the left hand side of the rear of the machine), then proceed to turn press in the Reset Switch (B) (<i>*When tripped the Reset Switch will expose 1/16th of an inch of white on its underbelly</i>). (Found on the right hand rear side of the machine). Turn the Main Power Switch (A) to the On position, and then press the power button (C) on the control panel. <p>If the reset switch is not tripped and the machine still does not turn on then go to Step 2</p>		 <p>A. Main Power Switch B. Reset Switch C. Power Switch (panel).</p>  <p>Main Power switch (to the left). Reset Switch (to the right).</p>  <p>Reset Switch (EL04-EL05 LE)</p>
	<p>Step 2 - Check Main Power Switch (EL04, EL05, EL05 LE models only)</p> <ol style="list-style-type: none"> Check to make sure the main power switch is in the on or upright position (This is where the Top is pushed in and the bottom is sticking out). The main power switch is located underneath the rear of machine, to the left of the chassis bracket. 		 <p>Main Power Switch</p>

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Step 3- Checking the Charger

1. Check the charger by plugging it into the wall outlet (the LED on the charger itself will light up green), and then connect it to the XLR charging port on the machine. **If the LED on the charger does not light up, or is flashing either Red or Green, then the charger is faulty, and needs to be replaced.** The LED on the charger should turn Red showing the battery is charging. If the charger LED is still Green, it could mean a disconnected XLR charging wire.

please move onto step 4 to check the Power wires, and XLR charging wires.



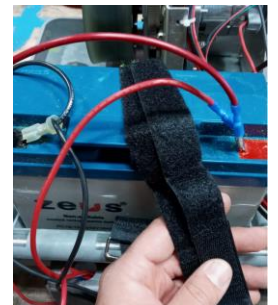
LED on charger Green light.



LED on charger Red.

Step 4 – Check Main Battery Wires

1. There are 2 Red wires connected to the positive section of the battery. 1 of these red wires should go to the Reset Switch (The reset switch is located underneath the back of the machine on the right hand side.). The other red wire from the positive section of the battery should go to the XLR charging port (this is the 3 pronged charging port you connect your charger to).

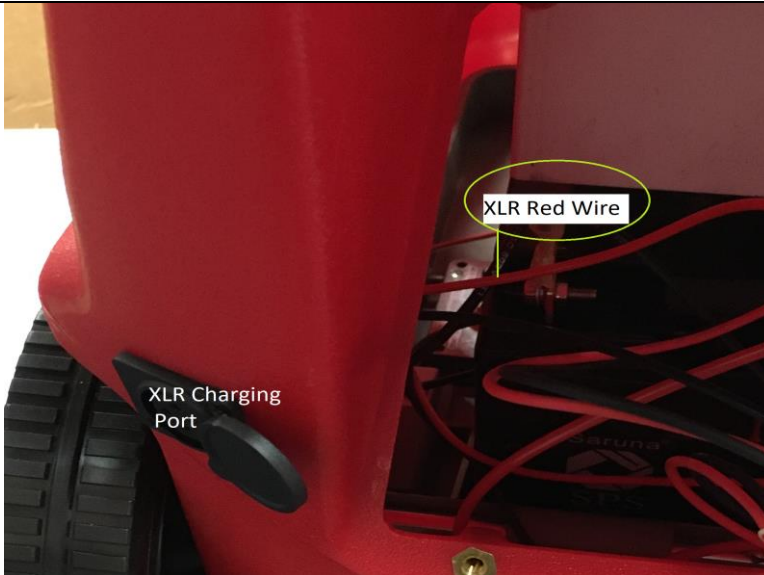


Battery Terminals (grand series).

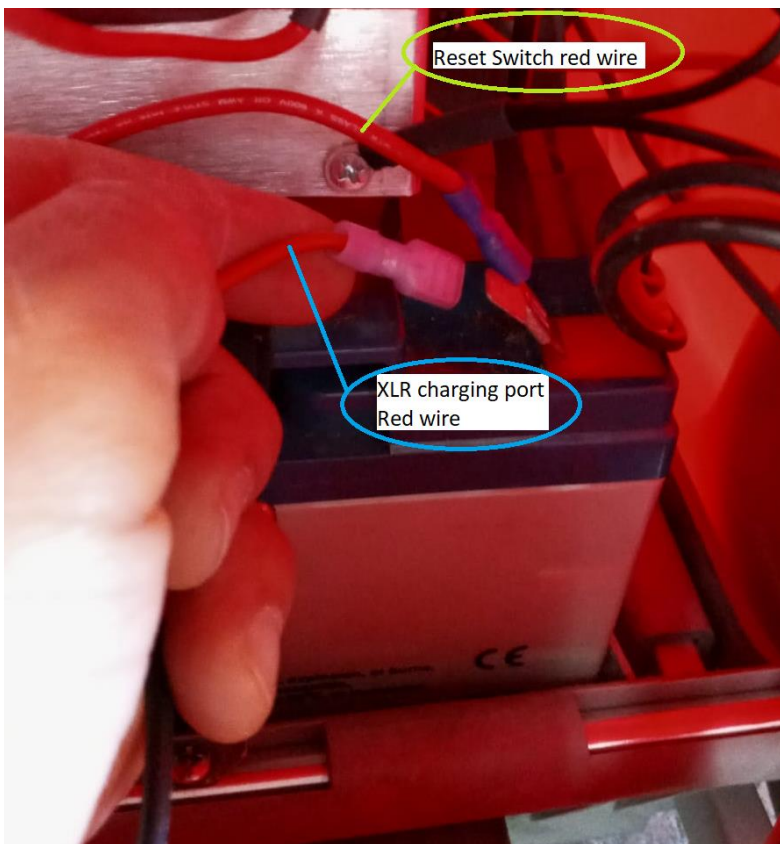


Red XLR wire, and Red reset switch wire to battery.

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XLR charging port Red Wire (connects to Red tab on Battery).



Green marks the Red Wire coming from the Reset Switch.
Blue Marks the Red Wire coming from the XLR charging port.

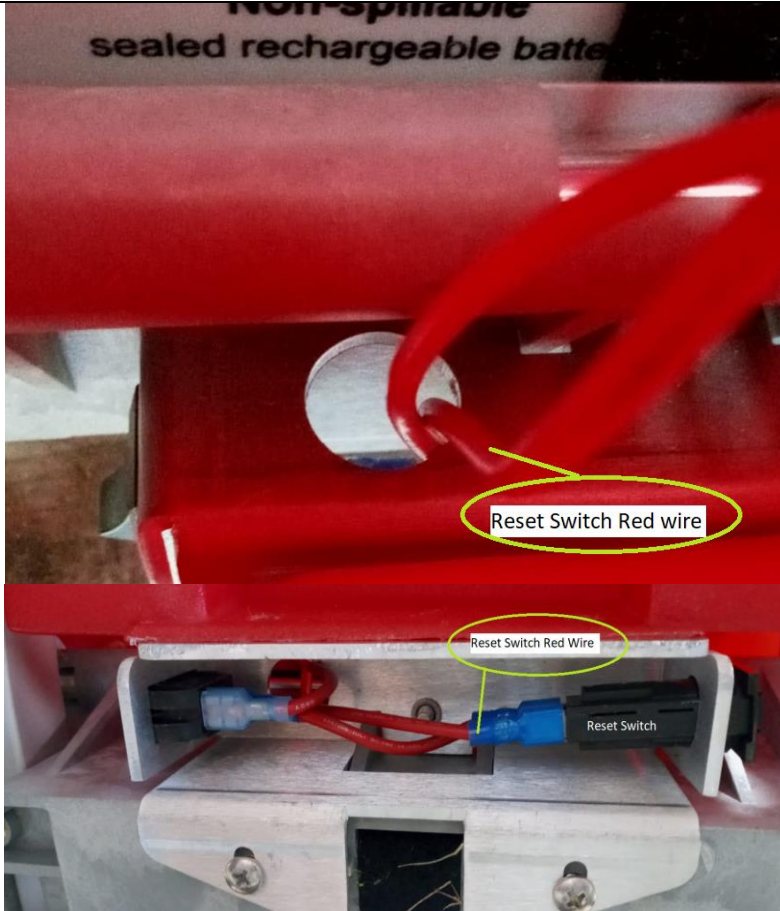


Reset Switch Red (right side underneath the machine).



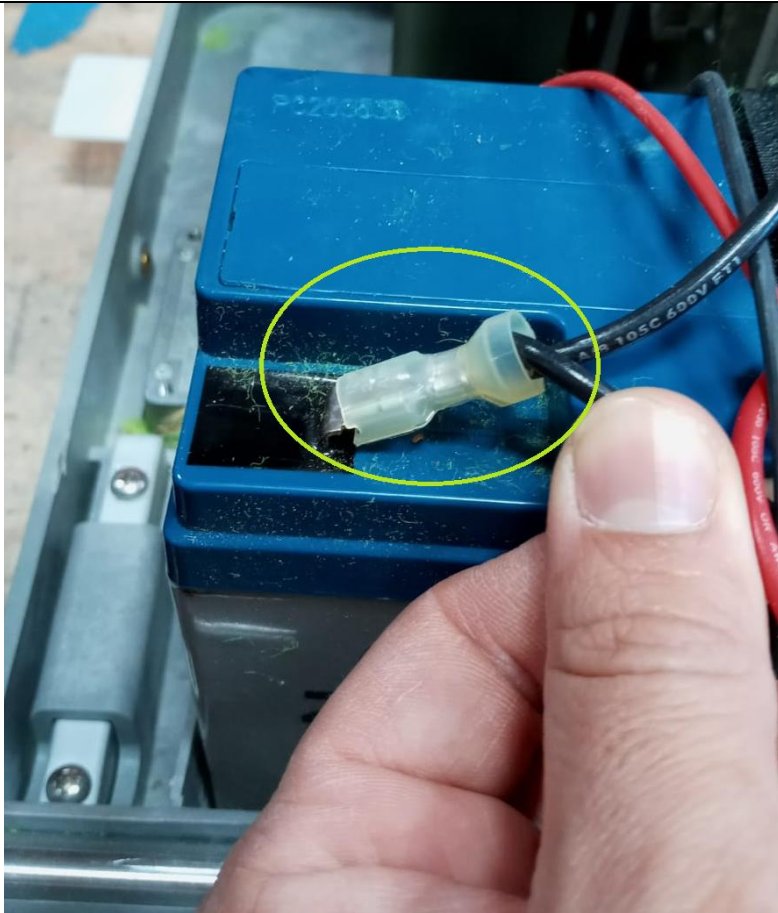
XLR wires inside of red case (where the wires come from the XLR charging port).

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2. There is 1 black wire coming from the negative section of the battery, this wire should be connected to the Bat Neg (battery negative) section of the circuit board.

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Battery Negative coming from battery.

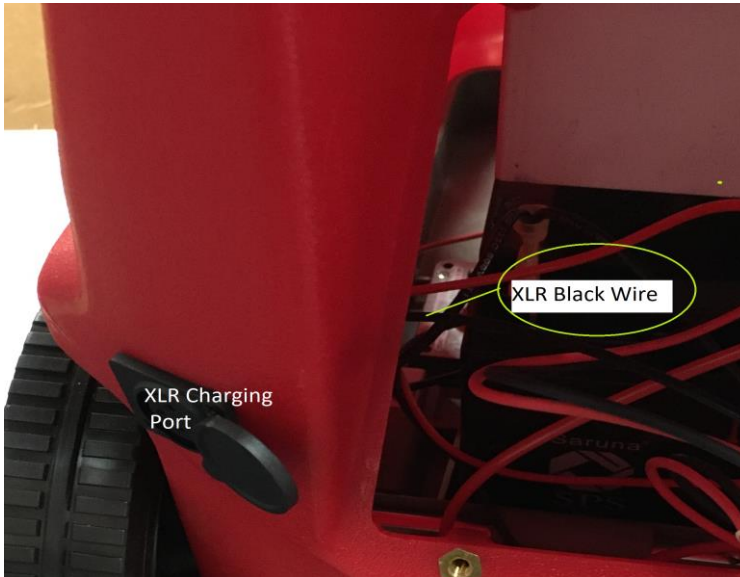


Battery Negative wire to Bat Neg J12 spot on Circuit board.

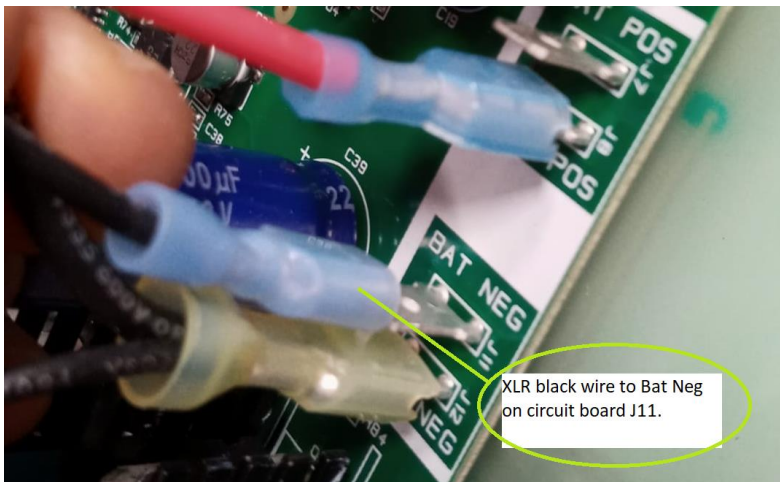
Battery negative connected to Bat Neg J12 on circuit board.

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3. There is a black wire coming from the XLR charging port (the 3 pronged charging port you connect your charger to), this black wire should connect to the Bat Neg (battery negative) section of the circuit board.



XLR Black wire (goes to Bat Neg on circuit board).



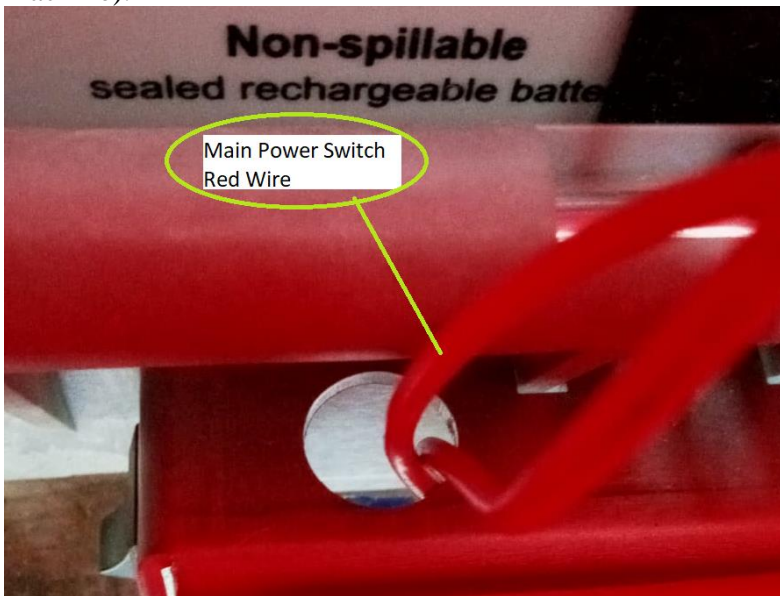
Black XLR wire to Bat Neg (J11 or J12) on circuit board.

4. There is a red wire that comes from the Main Power Switch (the main power switch is located underneath the back of the machine on the left hand side) that connects to the Bat Pos (battery positive) section on the circuit board.

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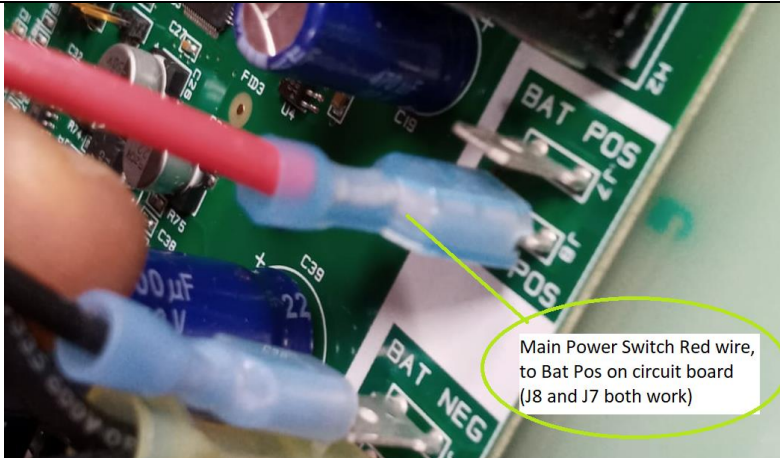


Main Power Switch Red wire (underneath the rear of machine).



Main Power switch Red Wire (coming through bottom of machine towards circuit board).

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Main Power Switch Red wire to Bat Pos (battery positive) on circuit board. J8 and J7 locations are both the same current).

1. Check to make sure the XLR charging wires are not loose (either on the circuit board and reset switch where they connect, or where they come out of the XLR charging port). If the XLR charging port is broken (meaning the wires coming from the charging plug, not the ends that connect to the panel and reset switch), then a new E886 Charging Port Plug is needed.



If the Power Wires are connected properly, and the XLR port is secure, please move onto Step 5.



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	<p>Step 5- Checking the Battery</p> <ol style="list-style-type: none"> 1. If everything is secure and in its correct place, then the final thing to check is the battery itself. These batteries generally last 2 to 3 years (on average), and require to be charged once a month, and for no more than 24 to 48 hours. If the battery is beyond 3 to 4 years it is recommended to purchase a new battery E881. 2. You can always take the battery to a battery testing place (however this usually tests only the battery's capability to hold a charge, and does not test the battery's health). <p>If the issue remains after getting a new battery, you will need to contact Lobster Sports to obtain an RA to send the machine into Lobster to get it checked. You can contact Customer Service at 1-800-526-4041.</p>		