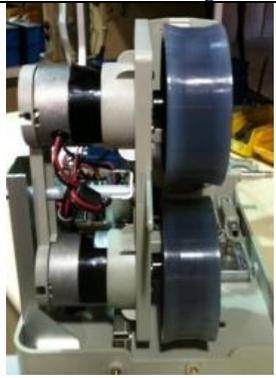


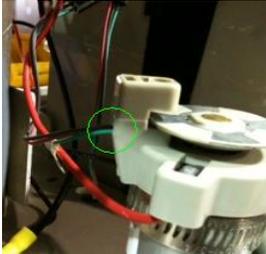


## TS- My machine has Over-current Sweep/ Elevation error.

*Objective:* To help customers find out the location causing the error message.

Action	Picture
<p>The more common statements regarding over-current sweep and elevation issues are...</p> <p><i>*The Control Panel should read: “Over-Current Sweep Motor Error”. or “Over-Current Elevation Motor Error”.</i></p> <ul style="list-style-type: none"> <li>• “My machine has Over-current error message.”</li> <li>• “My machine turns a lot then gets stuck to the right.”</li> <li>• “My elevation moves all the way up and stops after hitting the battery.”</li> </ul> <p>This indicates one of the following:</p> <ul style="list-style-type: none"> <li>• <b>A ball Jam is causing an Over-Current motor issue.</b> (Section 1, Checking for a ball jam).</li> <li>• <b>The sweep is not finding home location.</b> (Section 2, Checking the Sweep Magnet).</li> <li>• <b>The Elevation is not finding home location.</b> (Section 3, Checking the Elevation Magnet).</li> <li>• <b>A snap-in sensor is disconnected.</b> (Checking Snap-in Sensor Connections Step 4).</li> <li>• <b>A sensor disc needs to be rotated.</b> (Checking Timing Discs Step 5).</li> <li>• <b>The Vein Harness is Torn.</b> (Section 6, A new Vein Harness is needed, this REQUIRES your machine to be sent back for repair).</li> </ul>	
<p style="text-align: center;"><b><u>To Remove Ball Jam</u></b></p> <p><b>Step 1.)</b></p> <p><i>((NOTE: *Please perform this in an open area as ball(s) will be shooting out of the machine!))</i></p> <ol style="list-style-type: none"> <li>1. With the machine on, tilt the machine back 35 degrees and wait for machine wheels to spin.</li> <li>2. Once machine wheels are spinning carefully put machine back down on all 4 feet. <b>(Do not observe machine wheels spinning only listen for low</b></li> </ol>	 <p>(Machine tilted back 35 degrees)</p>

<p><b>humming noise coming from front of machine).</b></p> <ol style="list-style-type: none"> <li>Once balls have shot out of the machine, turn the machine off.</li> <li>Remove the red case by unscrewing the 6 phillips-head screws located along the bottom of the red case. (2-front, 2-rear, one on each side)</li> <li>Gently lift off of machine being careful not to disconnect any wires.</li> <li>With the case removed, be sure to check around any and ALL crevasses where a ball could fall. (Be sure to check below the bottom server wheel, as sometimes a ball can get stuck and keep the elevation from moving to its lowest point and put excess stress on the motor.)</li> </ol> <p><b>If This does not solve error message proceed to Step 2.</b></p>	 <p>(Machine released back on all 4 feet.)</p>
<p><b><u>Checking for Sweep Magnet.</u></b></p> <p><b>Section 2.</b></p> <ol style="list-style-type: none"> <li>The sweep magnet is located on the bottom of the machine, just above the serial number toward the back. In order to get to it you will need to tilt your machine back on to the transport wheels, while holding the upper handle to keep it in place.</li> <li>Now using the tip of a flat-head screw driver (or anything steal or iron.) go over the ¼” hole with a threaded screw poking threw it (located above the serial number sticker).</li> <li>If the tip of the screw driver or paper clip attracts to the screw bottom, then the magnet is in place.</li> </ol> <p><b>If the problem has not been resolved, go to section 3.</b></p>	 <p>Bottom platform.</p>  <p>Platform Sensor Magnet.</p>
<p><b><u>Checking for Elevation Magnet.</u></b></p> <p><b>Section 3.</b></p> <ol style="list-style-type: none"> <li>In order to get to the Davit Center (where the elevation magnet is located.) you will need to take the case off. You do this by unscrewing all 6 screws holding the case onto the chassis. (Located at the bottom of the case with 2 in back, 2 in front, and 1 on both sides of the machine).</li> <li>Once the case is off, CAREFULLY beside the machine, (Be sure not to disconnect any wires.) then position the machine so that the front end is facing you (the pointer.).</li> <li>The magnet screw ¼” is located to the left of the</li> </ol>	 <p>Case Off with pointer facing you.</p>

<p>pointer, (on the inner metal section of the Davit Center.) behind the white yoke spacer (you can see the screw threading poking thru the domed shape on the Davit Center.).</p> <ol style="list-style-type: none"> <li>4. Take your paper clip or flat-head screw driver tip, and touch the 1/4" screw thread you located. If it attracts to the screw bottom, then the magnet is in place.</li> </ol>	 <p>Davit Center. (1/4" set screw)</p>  <p>1/4" set screw</p>
<p style="text-align: center;"><b><u>Checking Snap-in Sensors</u></b></p> <p><b>Step 4.)</b></p> <ol style="list-style-type: none"> <li>1. Check the Snap-In Sensors located at the back portion of the Proxy Mount Assembly. (It is below the Proxy Mount Magnet Holder.</li> <li>2. Make Sure the sensor is plugged in all the way- by grabbing the 3 wires (red, black and green), and CAREFULLY pulling a little bit away from the Elevation/ Sweep Assembly. <i>(If you feel any resistance then the snap-in sensor is in place. DO NOT TUG ON WIRES TOO HARD!)</i></li> </ol> <p style="text-align: center;"><b>If the issue is not resolved, continue onto step 4.</b></p>	 <p>Elevation Motor (Snap-in Sensor highlighted by green circle.)</p>  <p>Sweep Motor (Snap-In sensor highlighted in green circle.)</p>
<p style="text-align: center;"><b><u>Checking the Timing Discs</u></b></p> <p><b>Step 6.)</b></p> <ol style="list-style-type: none"> <li>1. Just above the Snap-In sensor, and little bit to the right of it, there is a disc mounted on-top of the motor. This is known as the Timing Disc. Sometimes the motor can seize up, and the disc can become "stuck" in place. This is generally fixed with the help of your index finger.</li> <li>2. Use you index finger to rotate the Timing Disc clockwise, and then counter clockwise <i>(The discs</i></li> </ol>	 <p>Timing Disc (highlighted in green)</p>

*should be rotated approximately 5 to 6 times each way).* \*If the timing disc winds up and spins the wrong direction, then you will need to contact Customer Service for a replacement elevation or sweep motor.

**If the Timing Disc does not move, you are applying pressure, or the Timing Disc spins back into place once released then the motor may be broken. If the motor is broken it will need to be replaced.**

**If the Timing Disc moves fine, please continue onto Section 6.**



Timing Disc (highlighted in green)

### Checking Vein Harness

#### Section 6.

1. Check the small multicolored wires coming out of the Vein Harness Assembly. Check to see if any of these wires are cut or smashed.

*The diagrams to the right only apply if your wires are unplugged.*

\*(Follow quick-connect instructions and diagrams below to make sure all wires are connected to the correct harness plugs.)

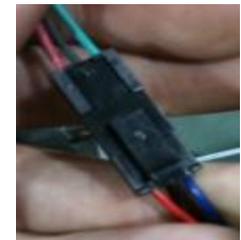
1. Diagram A. shows that the Elevation Wire (coming from the elevation motor.) connects to the Elevation Position plug (with the red, black and blue wires, and Elev Pos label.)

2. Diagram B. shows that the Sweep Position Wire (coming from the sweep motor.) connects to the Sweep Position plug (with the red, black, and orange wires, and Sweep Pos label.).

3. Diagram C. shows that the Sweep Home Wire (coming out of the chassis floor in front of the battery) connects to the Sweep Home plug (with the red, black, and yellow wires and Sweep Home label.).



(Vein Harness wires unplugged.)



(Vein Harness wires plugged-in)

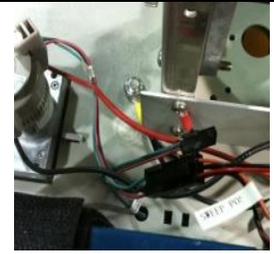
A.



(Elevation Positive blue wire)

B.

**If any part of the Vein Harness Wires are smashed or cut please contact Lobster Sports Customer Support at 1-800-526-4041 ext.14, to get a Repair or Warranty Repair Return Authorization.**



(Sweep Positive Orange Wire)

**C.**



(Sweep Home Yellow Wire.)

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