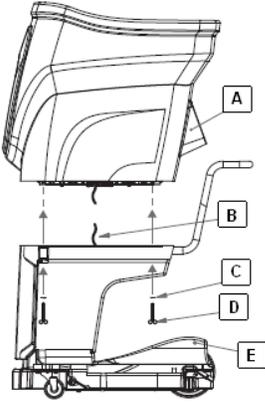


# Repair Instructions

## Replacing and Installing an Elevation Motor

### Elite Models that Apply: Phenom 1 & 2

Step	Description	Tools	Picture
1	<p><b>Disconnecting The Phenom Hopper Unit and Base Unit.</b></p> <p><b>Step 1.)</b> Unscrew the 4 wing screws (D) and washers (C) from the bottom of the Base Unit (E). (<i>Pull these items out and set them aside for later use.</i>)</p> <p><b>Step 2.)</b> Disconnect the Wire Connector (B) allowing you to completely separate the Hopper Unit (A) from the Base Unit (E). Carefully set the Hopper Unit (A) upside down, so that the bottom plate is exposed.</p>		 <p>Lobster Phenom with labeled components.</p>
2	<p><b>Removing The Hopper Unit Casing From The Internal Platform Assembly</b></p> <p><b>Step 1.)</b> CAREFULLY remove the 10 screws connecting the Base Platform to the Hopper Unit. (<i>The Base Platform Pims are very sensitive, use caution when unscrewing these screws for they may strip if not enough pressure is applied.</i>)</p> <p><b>Step 2.)</b> Remove the 4 black screws fastening the control board to the Hopper Unit. Unplug the Feed Motor wire, from the board. Unscrew the ground wires (2) on MP4. Also remove any remote control connections if it applies to your machine, simply disconnect the wire that reads "Remote".</p> <p><b>Step 3.)</b> Lift the Platform piece out of the Hopper Unit carefully by getting a good grip on the center hole, while feeding the control board assembly through the board cutout, until you have the entire Platform Yoke Assembly (with the control board) separated from the Hopper Unit Case.</p>		

# Repair Instructions



## Replacing and Installing an Elevation Motor

	<p><b>Lifting the platform up and away from the hopper:</b></p> <ul style="list-style-type: none"><li>• Get a good grip on the center hole of the platform and lift upwards very slowly while the unit comes out and the Circuit board follows.</li><li>• Be sure that the circuit board wires do not get caught on anything on the way up.</li><li>• Once removed place the platform down with the server wheel assembly and power supply facing upwards.</li></ul>		 <p>Platform assembly removed</p>
3	<p><b>Removing the Bad Elevation Motor</b></p> <p><b>Step 1.)</b> Cut the zip ties from the board to the elevation motor (there may be 3-4).</p> <p><b>Step 2.)</b> Disconnect the Elevation motor from the circuit board and from the sensor wire plug.</p> <p><b>Step 3.)</b> Using two 9/16 wrenches loosen the yoke bolt and lock nut and remove the bolt. Set aside the bolt with washer and small white spacer along with 4 more washers and long white spacer (which are located on the other side of the davit assembly).</p> <p><b>Step 4.)</b> Carefully remove the yoke and set aside so that none of the wires are pulled. You may leave it resting near the power supply.</p> <p><b>Step 5.)</b> Unplug the Elevation Positive quick disconnect wire. (This is coming off of the 3 small red, green, and black wires connected to the Elevation Motor).</p> <p><b>Step 6.)</b> Unscrew all 4 screws holding the Elevation Motor to the Davit Center. On the back side of the motor, between the Davit Center and the motor, there are a total of 4 spacers, make sure these spacer are saved for use later.</p> <p><b>Step 7.)</b> Remove the old Elevation motor.</p>		 <p>Quick disconnect sensor wires</p>  

# Repair Instructions



## Replacing and Installing an Elevation Motor

### Installing Good Elevation Motor

4

**Step 1.)** Place the new motor onto the motor location. Place screws  $\frac{1}{4}$  of the way through the davit center enough so that you can rest each of the small white spacers. (1 small spacer per screw as shown on the picture).

**Step 2.)** Plug the motor into the Elevation Motor connection on the control board. Reconnect the Snap In sensor Quick Disconnect (With the wire with Orange labeled "Elevation Pos").

**Step 3.)** Line up the Chassis rotating plate (Lazy Susan) holes with the Chassis, and screw them back in. Be sure to line-up the holes on the Rotating tray, once aligned go ahead and match the arc gear so it is meshing with the sweep motor spur gear.



New Motor



4 Screws holding elevation motor onto Davit Center along with the small white spacers



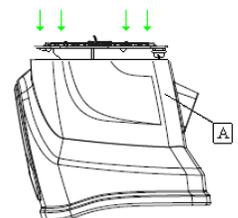
Top and Bottom Chassis (lazy Susan on bottom Chassis).

8

### Putting the Phenom Hopper Unit Case back onto the Internal Platform Assembly.

**Step 1.)** Put the Upper Hopper Unit (A) upside-down (where the top of the hopper is resting on the ground), and carefully flip the Internal Platform Assembly with the Control Panel, into the bottom of the Upper Hopper Unit. Be sure that the Server Wheels face the Black face plate. Reach in through the control panel opening, and direct the panel until it is hanging outside of the Rear Hopper Unit.

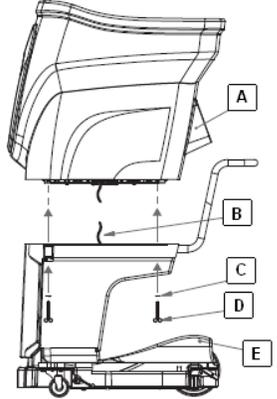
**Step 2.)** CAREFULLY screw in the 10 screws connecting the Base Platform to the Hopper Unit. *(The Base Platform Pims are very sensitive, use caution when*



Phenom with Internal Platform Assembly being placed into

# Repair Instructions

## Replacing and Installing an Elevation Motor

	<p><i>screwing in these screws, apply adequate pressure.)</i></p> <p><b>Step 3.)</b> Reconnect the feed motor plug, screw the ground wires (2) back into MP4 (Yellow Circle). Reconnect any remote control wires if the machine has one.</p> <p><b>Step 4.)</b> Take the 4 black control panel screws and screw them back in. (Do not over tighten).</p>		<p>Upper Hopper Unit.</p> <p>(D.)</p>  <p>Ground wire location. (Green) Feed Motor location. (Red)</p>
<p>9</p>	<p><b>Reconnecting The Hopper Unit To The Base Unit.</b></p> <p><b>Step 1.)</b> Lift the Hopper Unit (A) and hold it above the Base Unit (E). Connect the Wire Connector (B). Now CAREFULLY lower the Hopper Unit onto the Base Unit. There are 4 metal extensions on the bottom of the Hopper Unit (A) that will fit into the 4 holes on the Base Unit (B). They will "click" into place when properly aligned.</p> <p><b>Step 2.)</b> Use the 4 wings provided (D), and the 4 washers provided (C) to secure the Base Unit to the Hopper Unit from the underside, as depicted in the picture to the right.</p> <p><i>Make sure the 4 Wings are finger tightened, and do not over tighten, for over tightening these Wings can cause and Over-Current Sweep Error.</i></p> <p><b>If you any issues, concerns or questions please contact us at (800)526-4041 ext 14. We may further assist you via Telephone, Skype or Facetime.</b></p>		 <p>Phenom Hopper Unit, and Base Unit</p>

<p><b>How to Order Elite Replacement Parts</b></p>	
<p><b>Website:</b> <a href="http://www.lobstersports.com">http://www.lobstersports.com</a> <b>Email:</b> <a href="mailto:sales@lobstersports.com">sales@lobstersports.com</a></p>	
<p><b>Phone:</b> 800.526.4041 <b>Fax:</b> 818.764.6061 We accept Visa, MasterCard or Discover &amp; PayPal</p>	