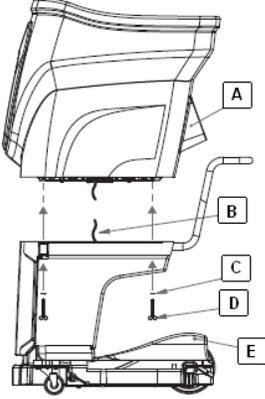


Repair Instructions

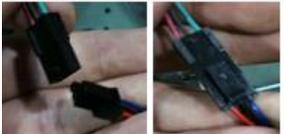
Replacing and Installing a Sweep Motor

Elite Models that Apply: Phenom 1 & 2

Step	Description	Tools	Picture
1	<p>Disconnecting The Phenom Hopper Unit and Base Unit.</p> <p>Step 1.) 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>Step 2.) 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>Removing The Hopper Unit Casing From The Internal Platform Assembly</p> <p>Step 1.) 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>Step 2.) Remove the 4 black screws fastening the control board to the Hopper Unit. Unplug the Feed Motor wire, from the board. Unscrew the ground wire on MP4. Also remove any remote control connections if the machine has one, simply disconnect the wire that reads "Remote".</p> <p>Step 3.) Lift the Platform piece out of the Hopper Unit carefully, while feeding the control board assembly through the hole, until you have the entire Platform Yoke Assembly (with the control board) separated from the Hopper Unit Case.</p>		

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	<p>Lifting the platform up and away from the hopper:</p> <ul style="list-style-type: none"> • 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. • Be sure that the circuit board wires do not get caught on anything on the way up. • Once removed place the platform down with the server wheel assembly and power supply facing upwards. 		 <p>Platform assembly removed</p>
<p>3</p>	<p>Removing the Bad Sweep Motor</p> <p>Step 1.) Unscrew the 4 screws which hold the bottom Chassis rotating plate (Lazy Susan screws) to the Main Chassis plate (see Diagram A).</p> <p>Step 2.) Disconnect the sweep motor from the circuit board and from the sensor wire plug.</p> <p>Step 3.) Remove the 4 Philips head screws that hold the sweep motor and remove it from the platform.</p>		 <p>Diagram A. Screw location for Lazy Susan screws.</p>   

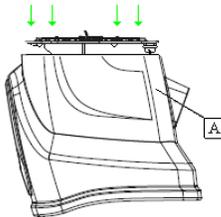
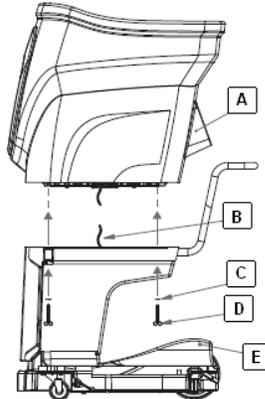
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4	<p style="text-align: center;">Installing Good Motor</p> <p>Step 1.) Place the new motor onto the motor location. Screw it into the place from the underside of the chassis.</p> <p>Step 2.) Plug the motor into the Sweep connection on the control board. Reconnect the Snap In sensor Quick Disconnect (With the wire with Orange labeled “Sweep Pos”).</p> <p>Step 3.) Line up the Chasis 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.</p>		 <p style="text-align: center;">New Motor</p> <p>4 Screws holding sweep motor onto platform.</p>   <p style="text-align: center;">Top and Bottom Chassis (lazy Susan on bottom Chassis).</p>

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<p>8</p>	<p>Putting the Phenom Hopper Unit Case back onto the Internal Platform Assembly.</p> <p>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.</p> <p>Step 2.) CAREFULLY screw in the 10 screws connecting the Base Platform to the Hopper Unit. <i>(The Base Platform Pims are very sensitive, use caution when screwing in these screws, apply adequate pressure.)</i></p> <p>Step 3.) 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>Step 4.) Take the 4 black control panel screws and screw them back in. (Do not over tighten).</p>		  <p>Phenom with Internal Platform Assembly being placed into Upper Hopper Unit.</p>  <p>(D.)</p> <p>Ground wire location. (Green) Feed Motor location. (Red)</p>
<p>9</p>	<p>Reconnecting The Hopper Unit To The Base Unit.</p> <p>Step 1.) 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>Step 2.) Use the 4 wings provided (D), and the 4 washes provided (C) to secure the Base Unit to the Hopper Unit from the underside, as depicted in the picture to the right. <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>Phenom Hopper Unit, and Base Unit</p>



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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.

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