

Repair Instructions

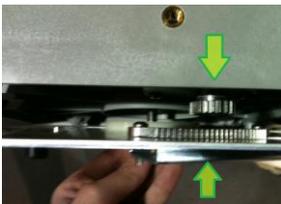
Replacing and Installing a Sweep Motor

Elite Models that Apply: EL04, EL05, EL05-LE

Step	Description	Tools	Picture
1	<p style="text-align: center;">Removing The Case</p> <p>Step 1.) Unscrew the (6) Phillips-head screws along the bottom of the red case where it attaches to the chassis of the machine. (2-front, 2-rear, one on each side)</p> <p>Step 2.) Unscrew the 4 black panel screws on the top left, right, and bottom left, right sections of the panel. Pull the panel out away from the case, and un-plug the Feed tab (J23), and the positive and negative XLR wires coming from the XLR Jack. Unscrew the ground wire coming from the Ball Guide, to the control panel. Take this wire and wrap it around the Deflector wire to keep it from touching the control board.</p> <p>Step 3.) Lift the red case off the chassis and set it aside. (Make sure to not allow the Ground Wire from the case to touch the Green control board and panel- this could fry the ground wire.)</p>	Phillips Screw Driver	 <p>Case Screws (Front & Rear)</p>  <p>Case Screws (Side)</p>  <p>Case Removed</p>
2	<p style="text-align: center;">Removing The Platform</p> <p>Step 1.) Using a 9/16" crescent wrench, and a 9/16" wrench, unscrew the bolt in the center of the Platform which is holding the Platform to the bottom of the machine.</p> <p>Step 2.) With the Platform detached, position it so that the 4 rubber feet are touching the ground, and the white plastic spacer is pointing up.</p>	Phillips Screw Driver 9/16" Crescent Wrench 9/16" Wrench	 <p>Platform with Nut removed.</p>  <p>Platform being removed from Chassis.</p> 

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			Platform Being rested feet down- with magnet facing up.
3	<p align="center">Removing and Replacing the Sweep Motor</p> <p>Step 1.) Unplug the quick-disconnect snap-in sensor wire from the Sweep Pos plug on the wire harness.</p> <p>Step 2.) Unscrew the 4 screws holding the sweep motor to the chassis base.</p> <p>Step 3.) Place the new sweep motor in so that the gear at the bottom of the motor is closer to the chassis side. Fasten the motor to the chassis using the 4 screws.</p> <p>Step 4.) Connect the snap-in sensor coming from the Sweep Motor into the Sweep Pos plug on the wire harness. (Please see diagram below).</p> 		 <p align="center">Sweep Motor Screws.</p>  <p align="center">Sweep Motor being removed.</p>  <p align="center">Snap-in Sensor Wire connected to Sweep Pos (Red, Black and Orange.)</p>
4	<p align="center">Re-attaching the Platform the Chassis</p> <p>Step 1.) Carefully line up the platform with the Chassis, so that the Rack Gear teeth, fit in-between the Spur Gear teeth. (See picture below).</p> <p>Step 2.) Push the ½ inch platform bolt thru the bottom of the platform, so that the threaded edge is popping out of the top/middle of the chassis.</p> <p>Step 3.) Put the Battery Negative Ground Loop over the threads of the ½ inch platform bolt, and cap it off with the bolt.</p> <p>Step 4.) Tighten the nut and yoke bolt until the nut can be turned by your thumb and index finger. <i>*If the platform bolt is tightened too much, this can</i></p>		 <p align="center">Rack Gear teeth lining up with Spur Gear teeth.</p>  <p align="center">The threading is pointed out in blue, and the Battery negative Ground Loop is orange.</p>

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	<p>cause a Feedback or Overcurrent Sweep Motor Error.</p>		
<p>5</p>	<p style="text-align: center;">Re-attaching The Case</p> <p>Step 1.) Lift the red case and lower until it is covering the whole Chassis of the machine.</p> <p>Step 2.) Screw the (6) Philips-head screws along the bottom of the red case where it attaches to the chassis of the machine. (2-front, 2-rear, one on each side)</p>		 <p>Case Removed</p>  <p>Case Screws (Front & Rear)</p>  <p>Case Screws (Side)</p>

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