







Repair Instructions





Replacing and Installing a Arc Gear on the Platform.

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.) Lift the red case off the chassis and set it aside.</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, hold onto the bolt which is outside of the machine underneath the platform, while unscrewing the nut attached to the other end of the bolt, inside the machine (below the bottom server wheel).</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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			<p>Platform Being rested feet down- with magnet facing up.</p>
<p>3</p>	<p style="text-align: center;">Un-installing and Installing the Arc Gear</p> <p>Step 1.) With the Platform on the 4 rubber feet, go to where the Arc Gear is located, and unscrew the 2 screws holding the Arc Gear (and Arc Gear Shield) in place. Please note you will need to also grab onto the 2 kep nuts holding the shield in place on the opposite side of the platform.</p>  <p style="text-align: center;">Arc Gear screw holes (marked in red)</p>		 <p style="text-align: center;">Arc Gear screw holes (marked in red)</p>  <p style="text-align: center;">Kep Nuts holding shield to Arc Gear (marked in Green)</p>  <p style="text-align: center;">Screw from the Arc Gear poking through the Arc Gear Shield (marked in Orange)</p>

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Kep Nuts holding shield to Arc Gear (marked in Green)

Step 2.) Place the new Arc Gear on the platform location (were the previous Arc Gear was). Screw in the 2 screws that you previously removed. Flip the platform over (so the feet are sticking up towards you), and place the shield over the 2 screws that are sticking out.



Arc Gear screw holes (marked in red)



Arc Gear screw holes (marked in red)



Kep Nuts holding shield to Arc Gear (marked in Green)

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Screw from the Arc Gear poking through the Arc Gear Shield (marked in Orange)

Step 3.) Screw on the 2 Kep Nuts to secure the shield to Arc Gear in place.

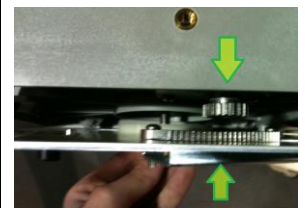


Kep Nuts holding shield to Arc Gear (marked in Green)

Re-attaching the Platform the Chassis

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).

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.

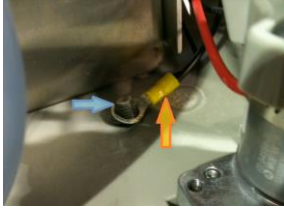



Rack Gear teeth lining up with Spur Gear teeth.

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	<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 cause a Feedback or Overcurrent Sweep Motor Error.</i></p>		 <p>The threading is pointed out in blue, and the Battery negative Ground Loop is orange.</p>
5	<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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