






# Repair Instructions

## Replacing and Installing a Sweep Motor.

Elite Models that Apply: Freedom, Liberty, EL01, EL02, & Pickle.

Step	Description	Tools	Picture
1	<p style="text-align: center;"><b>Removing The Case</b></p> <p><b>Step 1.)</b> 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><b>Step 3.)</b> 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 &amp; Rear)</p>  <p>Case Screws (Side)</p>  <p>Case Removed</p>
2	<p style="text-align: center;"><b>Removing The Platform</b></p> <p><b>Step 1.)</b> Tilt the machine on its side, and use a 1/8" Allen to remove the black shoulder bolt as shown in the image below.</p>	Phillips Screw Driver 9/16" Crescent Wrench 9/16" Wrench 1/8" Allen	 <p>Platform Shoulder Bolt link location.</p>  <p>Platform with Nut removed.</p>

# Repair Instructions

## Replacing and Installing a Sweep Motor.



**Step 2.)** Using a 9/16” crescent wrench, and a 9/16” wrench, Grip the Platform Bolt Head (shown below in green) on the bottom of the platform, while also holding the nut on the inside of the machine (shown in green 2<sup>nd</sup> image) unscrew the bolt in the center of the Platform which is holding the Platform to the bottom of the machine.



Platform Bolt Head (bottom of platform outside of machine)



Platform Bolt Head

# Repair Instructions

## Replacing and Installing a Sweep Motor.



Bolt Nut (on inside of machine near bottom server wheel and sweep motor).

**Step 3.)** With the Platform detached, position it so that the 4 rubber feet are touching the ground, and the white plastic spacer is pointing up.

### Removing and Replacing the Sweep Motor

**Step 1.)** The bottom shaft of the Sweep Motor will have a rectangular link connected to it (this is where the platform shoulder bolt was removed from). Use a Stand-Off and a Hammer and begin tapping at the Set Spring, until it has been pushed completely out of the other side of the rectangular block. **Note:** *Save the Set Screw, and the metal block for use later.*

**Step 2.)** Unscrew the 4 screws holding the sweep motor to the chassis base, and proceed to pull the motor away from the Chassis.



Sweep Link 1



Sweep Link 1 with spring pin removed

3

# Repair Instructions

## Replacing and Installing a Sweep Motor.

**Step 3.)** Take the new sweep motor, and place it where you removed it from the previous one. (This is in-between the Davit's holding the Yoke).

**Step 4.)** Screw in the 4 screws which hold the sweep motor onto the machine. (These screws go through the bottom of the Chassis up into the bottom of the motor).

**Step 5.)** Take the rectangular shaped Sweep Link, and spring pin, and tap lightly so that the pin is fitting inside the whole to get it started. Put the Sweep Link on-top of the sweep motor shaft, and line up the spring pin hole. Use Channel Locks to squeeze the spring pin through end of the link to the other. Use your Hammer and Stand Off to make sure the Spring Pin is poking equal distances out of the pin hole on the sweep link.



Sweep Motor being removed (screws removed)



Sweep Motor being pulled off or away from chassis



New Sweep Motor lined up in place.



Sweep Link in place with Spring Pin (Hammer up until flush)



Sweep Link with "flush" Spring Pin



# Repair Instructions

## Replacing and Installing a Sweep Motor.

### Re-attaching the Platform the Chassis

**Step 1.)** Carefully line up the platform with the Chassis, so that the Line Marker is in the front of the machine, and the link is on the left hand side. Fasten the link(s) together (see image at the right hand side) using the black shoulder bolt.

**Step 2.)** Push the 1/2 inch platform bolt thru the bottom of the platform, so that the threaded edge is popping out of the top/middle of the chassis.

**Step 3.)** Put the Battery Negative Ground Loop over the threads of the 1/2 inch platform bolt, and cap it off with the nut (this in on the inside of the machine).

**Step 4.)** Tighten the nut and platform bolt until the nut can be turned by your thumb and index finger.  
*\*If the platform bolt is tightened too much, this can cause the motor to weaken and possibly break.*

**Step 5.)** Line up the link (as shown in the image below) and tighten down the 1/8" allen.



Platform Shoulder Bolt link location.



Platform with Nut removed.






Platform Shoulder Bolt link location.

4

### Re-attaching The Case

# Repair Instructions

## Replacing and Installing a Sweep Motor.

5	<p><b>Step 1.)</b> Lift the red case and lower until it is covering the whole Chassis of the machine.</p> <p><b>Step 2.)</b> 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 &amp; Rear)</p>  <p>Case Screws (Side)</p>
---	--	--

How to Order Elite Replacement Parts	Elite Parts
<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>  <b>Phone:</b> 800.526.4041  <b>Fax:</b> 818.764.6061            We accept Visa, MasterCard or Discover &amp; PayPal</p>	<b>For Elite 1- Elite 5LE:</b>
	<b>For Elite Freedom:</b>