


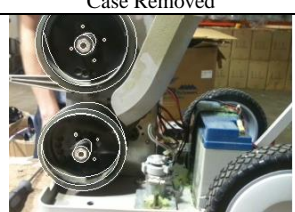




Repair Instructions

Replacing and Installing a New Elevation Snap-In Sensor.

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

Step	Description	Tools	Picture
1	<p 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 align="center">Removing The Yoke Assembly</p> <p>Step 1.) Take off your server wheels by unscrewing the set screw, and sliding the wheels off of the server motor shafts.</p> <p>Step 2.) With the front end of the machine facing you (the pointer closest to you, and the handle furthest from you), remove both of the server wheels.</p> <p>Step 3.) Passing through the center of the Yoke and the davit assembly is the Yoke Bolt. (This bolt has a nut holding it on the end of the Davit Right). Using a Crescent Wrench and a 9/16" Wrench, unscrew and remove the Yoke Bolt, the Small and Larger Spacer, and the 3 to 5 washers. <i>*(Carefully set these in separate safe location for later use.)*</i></p>	<p>1/8" Allen</p> <p>Crescent Wrench</p> <p>9/16" Wrench</p>	 <p>The Server wheels.</p>  <p>The Yoke Bolt being removed.</p> 

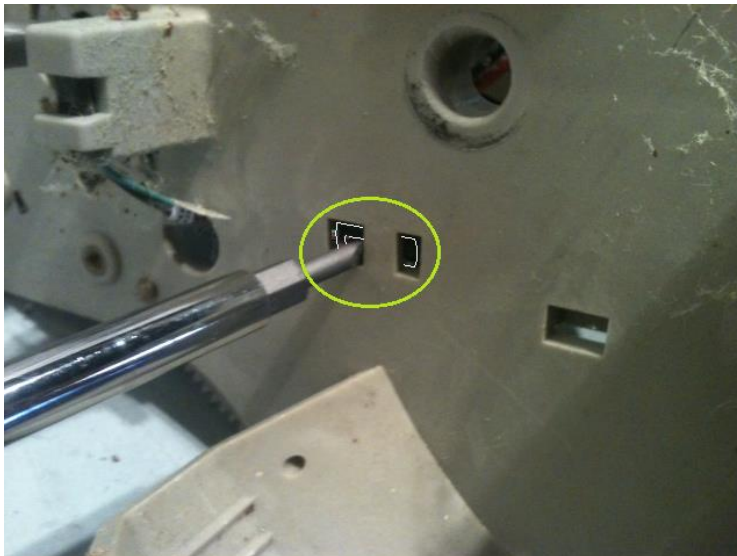
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Replacing the Elevation Home Snap-In Sensor.

Step 1.) Tilt the Yoke Assembly so that the Server Motors are pointed toward the sky. With the Yoke in this position, *carefully* cut the zip tie holding the sensor wires in place.

Step 2.) On the front side of the yoke (toward the middle) there is a groove in the plastic where you can see the Snap-in Sensor. You will need to use a thin flat-head screw driver to put pressure on this spot. As you are putting pressure one end, you will need to pull from the "Elevation Home" wire so that you are getting it to come out of this location. (Please see the picture below).



Front end of Yoke Assembly

Yoke Removed from Davit Assembly.



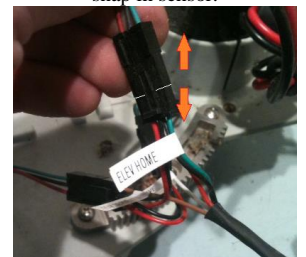
Yoke Assembly (highlighted in white), and zip tie location (circled in green).



Close up of zip tie location.



Removal of Elevation Home snap in sensor.



Separating Elev Home sensor quick disconnects.



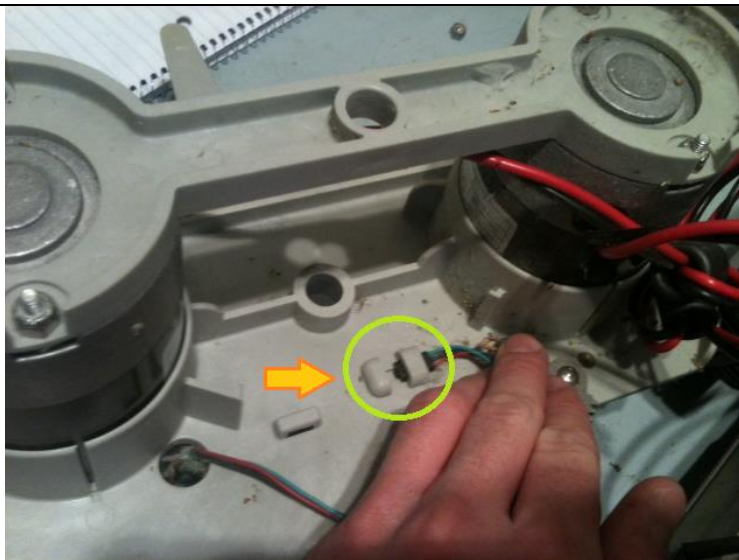
Inserting new Elev Home sensor quick disconnect.

Thin Flat-head
Screw Driver.

Scissors

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Back of Yoke Assembly

Step 3.) Disconnect the Snap-in Sensor from the "Elevation Home" quick disconnect. Re-attach the quick-disconnect with the new Snap-in Sensor, and carefully re-insert it into place with the clip side facing toward the server wheels. Slide into the fitting until you hear "click" and give it a little tug to make sure it is securely in place (or make sure it does not slip out).

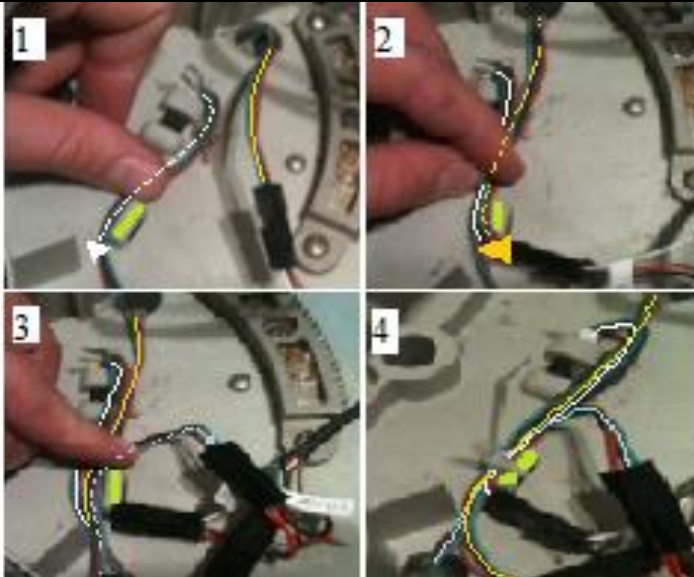
Step 4.) Once the new Snap-In sensor is installed and in place, you will need to pull the wires so that you can zip tie them in place, keeping them out of the Rack gear and Spur gear location. (*Please follow the diagram below*).



Inserting new Elevation Home snap in sensor.

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Box 1) Pull the white hash marked wire to the left side of the green highlighted zip tie location. (*Elevation Home sensor*)

Box 2) Pull the orange hash marked wire to the left side of the green highlighted zip tie location. (*Bottom Sensor*)

Box 3) Pull the blue hash marked wire to the left side of the green highlighted zip tie location. (*Top Home Sensor*)

Box 4) Holding all 3 wires down into place with one hand, use the other to push a zip-tie through the hole, under the 3 wires, and back up into itself. Pull on the zip tie until it is tight. Cut the loose end of the zip tie.

Re-Attaching the Yoke

Step 1.) Take the yoke with one hand, (make sure that the pointer is facing you, and the top of the chute or slide, is facing away from you.) and slide the yoke bolt threw the yoke, passing through the first metal davit piece.

Step 2.) Put 3 washers on the threaded portion of the yoke bolt, and then pass the yoke bolt threw the plastic long spacer until it exits out of the second metal davit piece.

Step 3.) Put the washer over the threaded yoke bolt end, and then continue to fasten the yoke bolt nut until it is slightly snug. DO NOT OVER TIGHTEN OR YOUR



Re-attaching the Yoke.





Put the Yoke on just like you took it off. Don't forget the spacers!

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Replacing and Installing a New Elevation Snap-In Sensor.

	<p>ELEVATION WILL NOT WORK PROPERLY!!!</p> <p>Step 4.) Put your server wheels on, make sure that the set screw is facing out away from the server motors.</p> <p>Step 5.) Fasten the red case to the chassis, and make sure the control board is connected to the red case.</p>		 <p>Tighten the Yoke and put on the server wheels.</p>  <p>Attach the Red Case.</p>
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How to Order Elite Replacement Parts	Elite Parts
<p>Website: http://www.lobstersports.com</p> <p>Email: sales@lobstersports.com</p> <p>Phone: 800.526.4041</p> <p>Fax: 818.764.6061</p> <p>We accept Visa, MasterCard or Discover & PayPal</p>	<p>For Elite 1- Elite 5LE:</p>
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