




# Installation Instructions

<b>PART NUMBER</b>	<b>164-8013</b>	
<b>PART DESCRIPTION</b>	<b>HANDLE BUTTON REPLACEMENT KIT</b>	
<b>REV DATE</b>	<b>1/29/2024</b>	
<b>MACHINE MODELS</b>	<b>FLEX/IKON</b>	

<b>TOOLS NEEDED</b>	<b>PARTS</b>
Small Flathead Screwdriver 1/8 allen wrench Wire cutters Phillip Screwdriver	164-8013 HANDLE BUTTON REPLACEMENT KIT
<b>TECHNICAL NOTE</b>	
Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop, and contact our Tech Support department at the numbers listed below.	



Within USA - 1-800-280-2695  
Outside USA - +1 863-734-0200  
www.kegel.net  
E-Mail: tech@kegel.net

Rev. 9/20

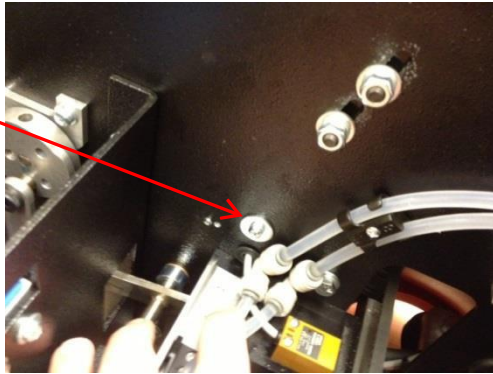


## **Remove the 10 pin lower Side Guard**

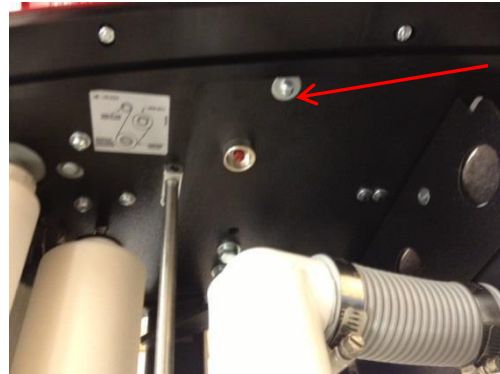
1. With the machine in the up-right transport position, locate the three (3) screws that mount the bottom of the side cover as shown to the right and remove.



2. Set the machine down in the operating position and remove the two (2) screws that fasten the lower side covers to the side plate of the machine as shown below



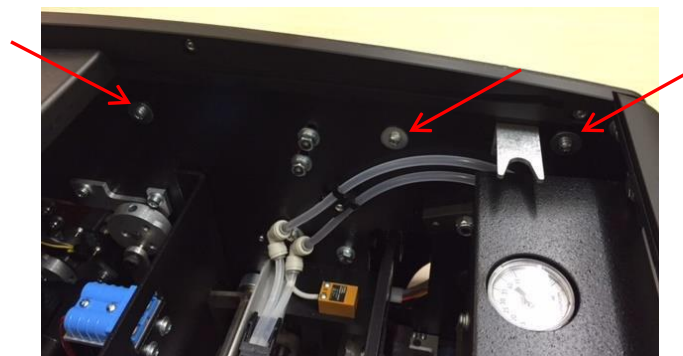
**Oil Compartment 10-pin side**



**Cleaner Compartment 10-pin side**

## **Remove the 10 pin upper Side Guard**

1. With the machine still in the down position/operating position, remove the 3 screws that are shown in the below diagrams. Do this to both the right and left side of the machine.

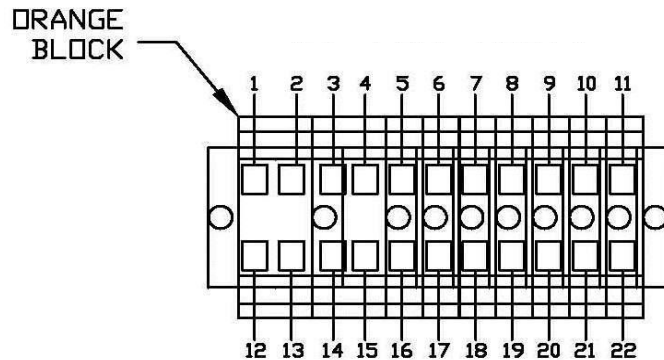


**Oil Compartment 10-pin side**

## **Remove handle button wires**

1. On the 10 pin side of the machine, with a small flat screwdriver, push in on the start button wires that are attached to the terminal block in the below diagram.

Note: Because of the type of wire used in earlier models, you may have two possible colors in each of the wires. Use the below diagram for reference.



### **Color Code A:**

- Terminal #4 - BLACK**
- Terminal #10 - RED**
- Terminal #11 - WHITE**

### **Color Code B / FLEX:**

- Terminal #4 - BLACK #1**
- Terminal #10 - YELLOW/GREEN**
- Terminal #11 - BLACK #2**

### **Color Code / IKON**

- Terminal #4 - BLACK #1**
- Terminal #9 - YELLOW/GREEN**
- Terminal #10 - BLACK #2**

2. Carefully cut and remove all of the wires ties that are attaching the start button wires in place.

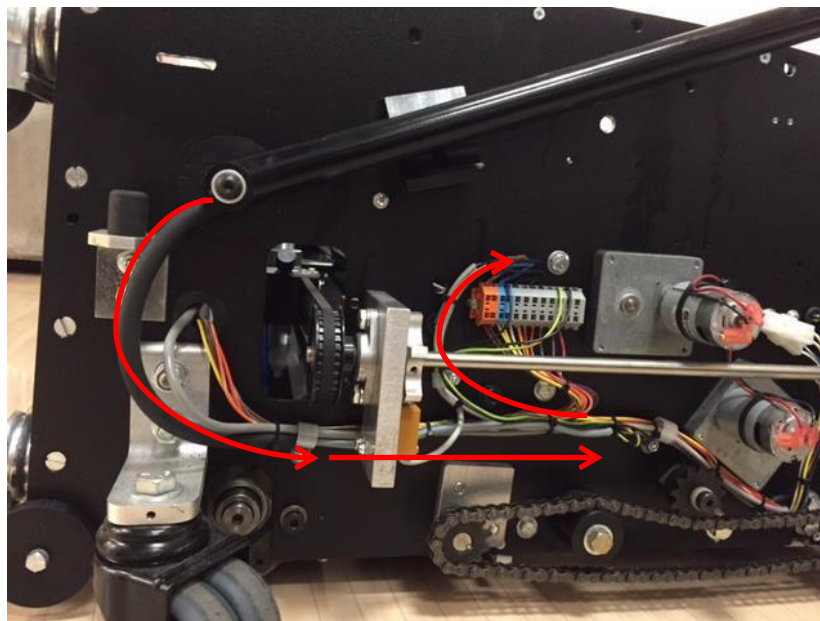
## **Handle Start Button removal**

Depending on the age of your lane machine, you will either need to drill out the old rivets fastening the start button assembly to the handle, or remove the allen screws.

### **WITH RIVETS**



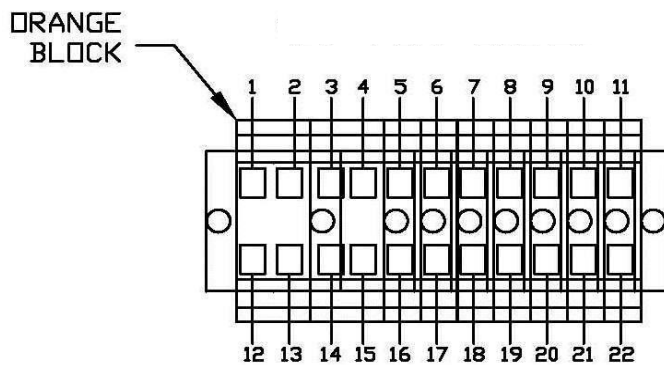
1. Once the handle button assembly has been separated from the handle, carefully pull the assembly and wires through the handle and out of the machine.
2. Take the new handle button assembly and route it through the handle and out the bottom of the 10 pin side.
3. Using the picture below, route the wires as shown.



## Handle Start Button wiring

NOTE: Because of the type of wire used in earlier models, you may notice a difference in the colors used on the new wire assembly versus your old one.

1. Using the diagram below, insert the wires into their correct position.



### **Color Code A:**

**Terminal #4 - BLACK #1**

**Terminal #10 - YELLOW/GREEN**

**Terminal #11 - BLACK #2**

### **Color Code B / FLEX:**

**Terminal #4 - BLACK #1**

**Terminal #10 - YELLOW/GREEN**

**Terminal #11 - BLACK #2**

### **Color Code / IKON:**

**Terminal #4 - BLACK #1**

**Terminal #9- YELLOW/GREEN**

**Terminal #10 - BLACK #2**

2. After the wires have been inserted into the terminal block, turn the lane machine on and verify that the machine will operate.
3. Use the supplied wire ties in the kit and fasten the wires in place nice and neat so that it will be easy to trace if needed.

## **Handle Button mounting**

1. Mount the assembly to the handle by either using the supplied rivets or the two allen screws
2. Re-attach all covers to the lane machine and secure with necessary hardware.