



Installation Instructions

PART NUMBER	164-8253	
PART DESCRIPTION	FLEX-IKON HANDLE MOUNTING UPGRADE	
REV DATE	11/15/2022	
MACHINE MODELS	FLEX/IKON	

TOOLS NEEDED		PARTS
½ Wrench	3/16 Allen wrench	(4) 164-2092 - BLACK NYLON WASHER FOR 3/8
½ Socket	#2 Phillip Screwdriver	(2) 164-2093 - HHCS FLANGED 3/8 - 16 X 3 PARTIAL THREAD
7/64 Allen wrench	Wire cutters	(2) 164-8254 - HANDLE MOUNT BLACKENED - 3/8
9/16 Wrench	3/8 Drill and drill bit	(2) 164-6058A - HANDLE SPACER - 3/8
9/16 Socket		

TECHNICAL NOTE

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.

STEPS



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

Rev. 9/20

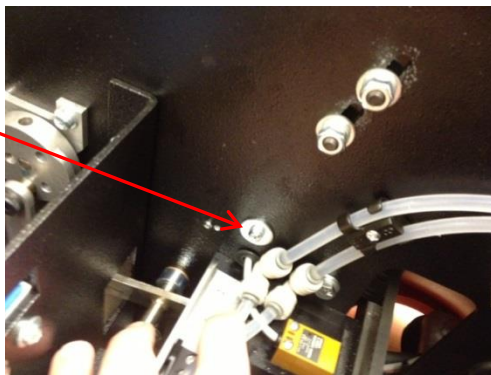


Remove the lower Side Guards

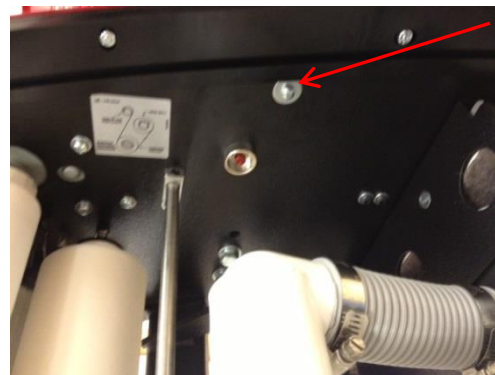
1. With the machine in the up-right transport position, locate the three (3) screws that mount the bottom of the side cover as shown to the right and remove.



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



Oil Compartment 7-pin side



Cleaner Compartment 7-pin side

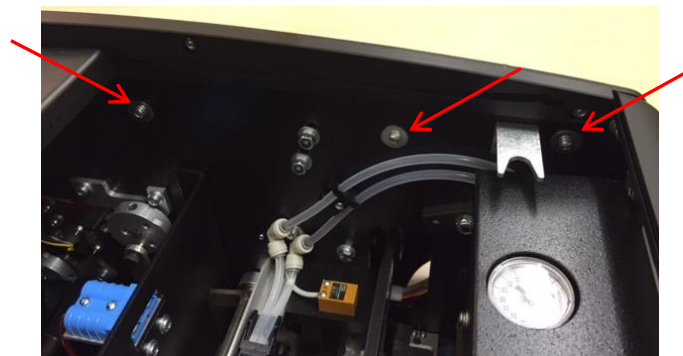
(Illustration purpose only)

Remove the upper Side Guards

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 7-pin side



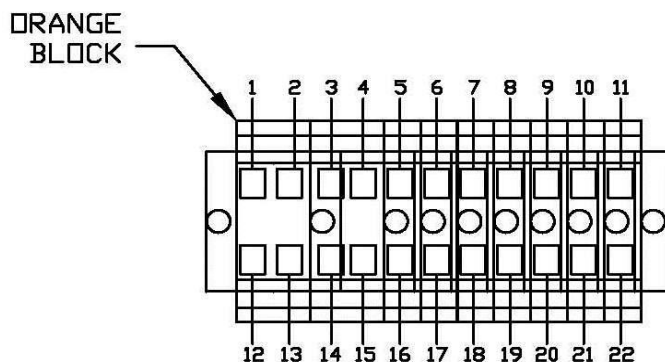
**Oil Compartment 10-pin side
(Illustration purpose only)**

Remove handle button wires

1. On the 10-pin side of the machine, use a small flat screwdriver to 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.

NOTE: It's a good idea to make note or take a picture of where the wires are going prior to removing.



Color Code A:

Terminal #4 - BLACK

Terminal #10 - RED

Terminal #11 - WHITE

Color Code B:

Terminal #4 - BLACK #1

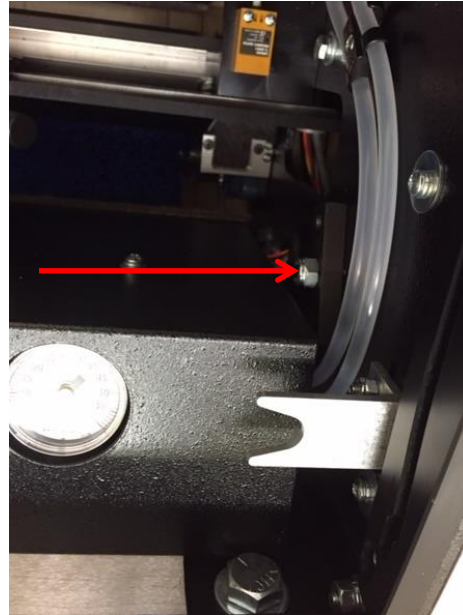
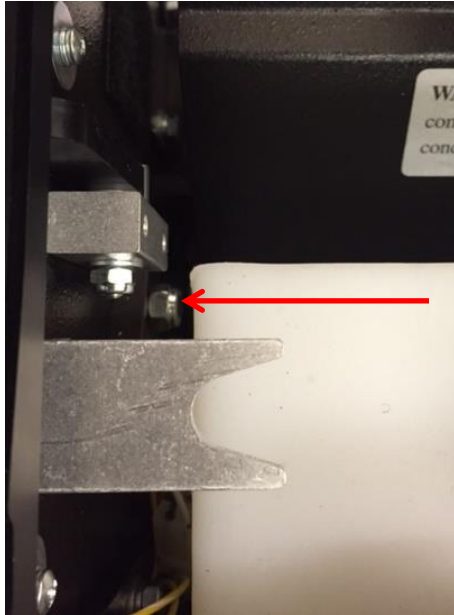
Terminal #10 - YELLOW/GREEN

Terminal #11 - BLACK #2

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

Remove handle assembly

1. On both the 7 pin and 10 pin side of the machine, use the ½" wrench to remove the locknut that is fastened to the handle bolts.



2. Remove the allen bolts that fasten the handle assembly to the lane machine.

Note: There will be a small spacer located between the handle and the side plate. This will be removed and will not be used again.



Installing the new handle support block assembly

1. Remove the tank light switch assemble to access the jam nut on the 7pin side.



2. Remove both handle jam nuts and unscrew the bolts to remove the handle.
3. Remove the threaded mounting blocks from both sides. The machine head screws may have Loctite applied to them and may be necessary to use some heat to soften thread locker.

Note: When using heat in the conditioning compartment do not get heat near the buffer brush or damage will occur very quickly!

4. Mount new threaded blocks. Be certain that the new handle bolt will thread into the mounting block.

Drilling out the Handle

1. Remove the old hardware from the handle including the handle button to prevent damage to the wires when drilling the pivot hole.
2. Mount the handle in a vise and drill out handle holes using a 3/8" bit. Deburr the holes on the inside and outside.

3. Install the bolts into the handle by turning the bolt as if you were threading them in. This will reduce the risk of damaging the wires.

Installing the handle assembly

1. Install the handle back onto the lane machine in reverse order that it was removed in. Use the new spacers from the kit.

2. Thread handle bolts into the threaded blocks and snug handle up so it does not move too freely and tighten jam nut on the threaded blocks. If the bolt does not want to thread into the block open-up the hole in the side plate of the machine so threads line up with hole.
3. Route the wires as shown below.
4. Refer to your wire chart to route the wires and fasten into place. Wire tie the wires nice and neat so that it will be easy to trace if need be.

Power up the lane machine and verify that the handle button is working properly.

