




Installation Instructions

PART NUMBER	164-8826	
PART DESCRIPTION	FLEX WHISKER UPGRADE KIT	
REV DATE	4/9/2020	
MACHINE MODELS	ALL WALKING MACHINES (NO LCM'S)	

TOOLS NEEDED	PARTS
RULER ALLEN WRENCH SET LOC-TITE PHILLIP SCREWDRIVER NEEDLE NOSE PLIERS DYKES	(1) 164-8824 LEFT WHISKER ASSEMBLY (1) 164-8825 RIGHT WHISKER ASSEMBLY (1) 153-2944 TORSION SPRING RH (1) 153-2945 TORSION SPRING LH (1) 164-6181 WHISKER MOUNT BLOCK LH (1) 164-6182 WHISKER MOUNT BLOCK RH

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

Prior to installing the new whisker assembly, inspect the function of the tension spring located on the block. In some cases, it may be necessary to replace the spring. If so, continue the instructions in order. If not, skip to the INSTALLATION AND ADJUSTMENT portion of the instructions.

Removal of Old Whisker assembly

- 1) With the machine in the operating position, remove the side guards from both sides of the lane machine.
- 2) Stand the lane machine into the upright position.
- 3) Remove the old assembly by loosening the shoulder bolt from the block and dispose of the defective spring.



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

Rev. 9/20

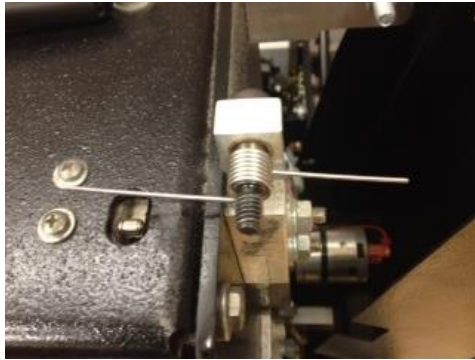




Installation Instructions

Replacing the spring assembly

- 1) Locate the new spring from the kit. There is a 7 and 10 pin side tension spring. Refer to image below to the right.



7 PIN



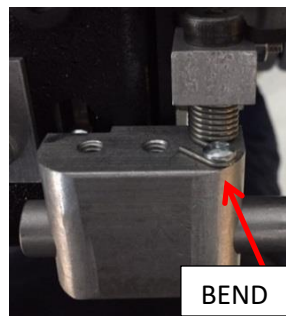
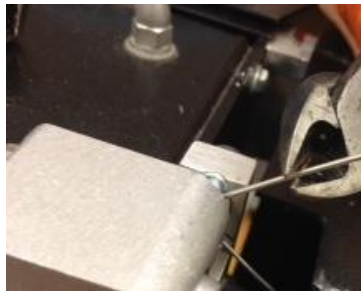
10 PIN

- 2) Slide the new spring into place on the shoulder bolt as shown (7-pin shown).
- 3) With a drop of Loctite on the shoulder bolt, hand thread the block assembly back onto the bolt three turns but do not fasten.

- 4) Take the arm of the spring that is closest to the machine and place it behind the phillips head screw.



- 5) Fasten the shoulder bolt all the way into place.
- 6) Cut the arms of the spring halfway up the length of the arm. Do this to both arms of the spring.



- 7) Take the needle nose pliers and bend the arm of the spring around the phillips head screw and with Loctite on the screw, fasten into place.
- 8) Take the other arm of the spring and bend it at the edge of the block.

REPEAT THE STEPS FOR THE OPPOSITE SIDE



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

Rev. 9/20





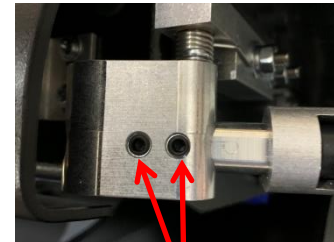
Installation Instructions

Installation and adjustment of Whisker assembly

- 1) Loosen the set screws on the front of the block assembly and remove the old whisker and discard.
- 2) Insert the whisker so that a measurement of 6 – 1/4” is reached between the side plate and the very tip of the whisker assembly.



- 3) Tighten the set screws.
- 4) Make sure the micro switch behind the block is activating. Press down on the whisker to expose the flathead screw in the back of the block and adjust so that the switch activates without touching the housing.



LOOSEN SET
SCREWS

- 5) Tighten the hex nut to the block once the screw has been adjusted properly.
- 6) Inspect the operation of the whiskers while the lane machine is traveling onto the lane.

