



INSTALLATION INSTRUCTIONS

PART NUMBER	158-8624 / 164-8826
PART DESCRIPTION	FLEX WHISKER UPGRADE KIT
REV DATE	4/20/20
MACHINE MODELS	ALL WALKER STYLE LANE MACHINES (NO LCM'S)



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Ruler

Phillip screwdriver

Allen wrench set

Needle nose pliers

Loctite

Dykes

PARTS INLCUDED:

(2) Whisker assembly

(2) tension spring



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.

Please visit our growing library of videos to see if these instructions are available!



www.youtube.com/user/KegelBowling81

KEGEL TECH SUPPORT:

Within USA - 1-800-280-2695

Outside USA - +1 863-734-0200

via e-mail at LMC@Kegel.net

website www.kegel.net



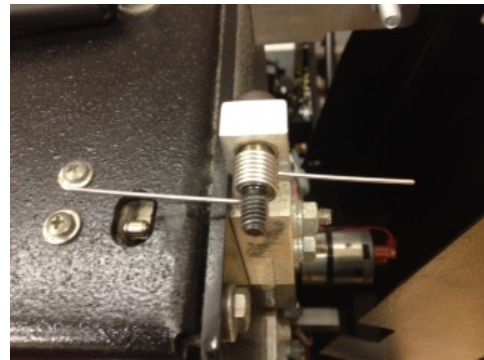
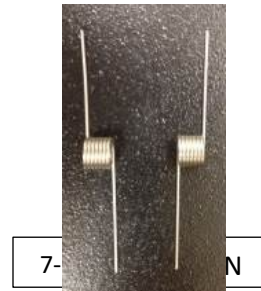
Prior to installing the new whisker assembly, inspect the function of the tension spring located on the block. In some cases, it may be necessary to replace the spring. If so, continue the instructions in order. If not, skip to the INSTALLATION AND ADJUSTMENT portion of the instructions.

Removal of Old Whisker assembly

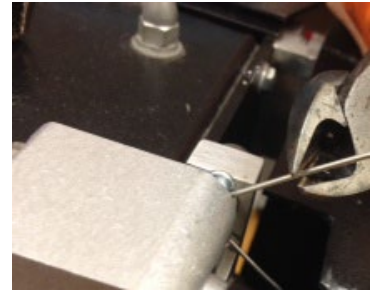
1. With the machine in the operating position, remove the side guards from both sides of the lane machine.
2. Stand the lane machine into the upright position.
3. Remove the old assembly by loosening the shoulder bolt from the block and dispose of the defective spring.

Replacing the spring assembly

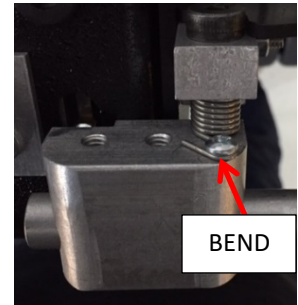
1. Locate the new spring from the kit. There is a 7-pin and 10-pin side tension spring. Refer to image to the right.
2. Slide the new spring into place on the shoulder bolt as shown (7-pin shown)
3. With a drop of Loctite on the shoulder bolt, hand thread the block assembly back onto the bolt three turns, but do not fasten.
4. Take the arm of the spring that is closest to the machine and place it behind the phillip screw.
5. Fasten the shoulder bolt all the way into place.



- Cut the arms of the spring half-way up the length of the arm. Do this to both arms of the spring.



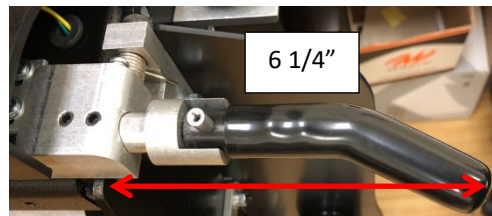
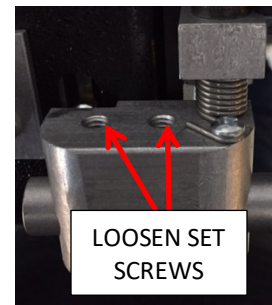
- Take a pair needle nose pliers and bend the arm of the spring around the phillip screw and with Loctite on the screw, fasten into place.
- Take the other arm of the spring and bend it at the edge of the block.



REPEAT THE STEPS FOR THE OPPOSITE SIDE

Installation and adjustment of Whisker assembly

- Loosen the set screws on top of the block assembly and remove the old whisker and discard.
- 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.



- Tighten the set screws.
- Inspect the operation of the whiskers while the lane machine is traveling onto the lane.