



INSTALLATION INSTRUCTIONS

PART NUMBER	158-8637
PART DESCRIPTION	FRONT GUIDE WHEEL ASSY
REV DATE	4/17/2020
MACHINE MODELS	ION, WALKER, FLEX



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Ratchet & Extension	½" Socket	7/16" Swivel Socket	9/16" Wrench
5/32" Allen Wrench	7/16" Wrench	Phillips Screwdriver	11/32" Wrench
3/32" Allen Wrench			



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!

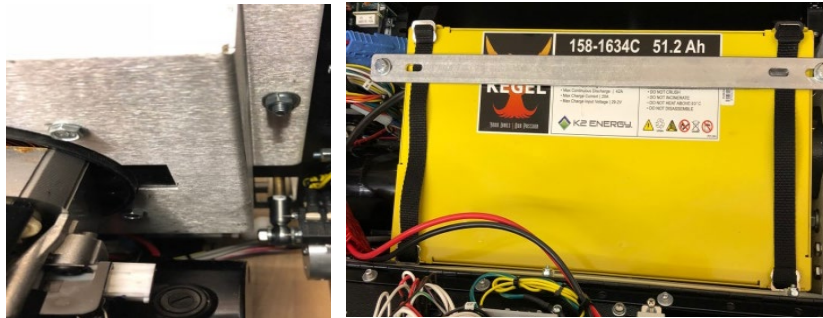


www.youtube.com/user/KegelBowling81

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



1. Lay machine down into the operating position. Remove the screws securing the PLC Plate. On Flex models, you will need to remove the lid and the plastic cover over the PLC plate assembly. Lift the PC Plate to access the motor compartment.
2. Unplug the Vacuum Motor from the harness. Remove the (2) 7/16 Nuts and washers securing the motor to the wall. Pull motor up and out of the lane machine. This allows access to the Guide Wheel mounting bolts on the 10-pin side.
3. Unplug the machine battery. Remove the bolts securing the Battery Strap against the battery. Remove the battery from the machine.

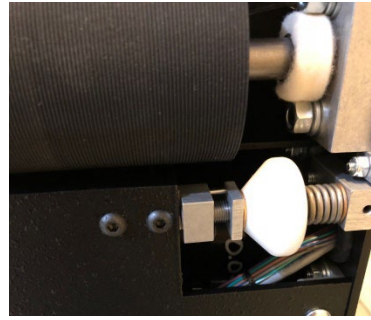
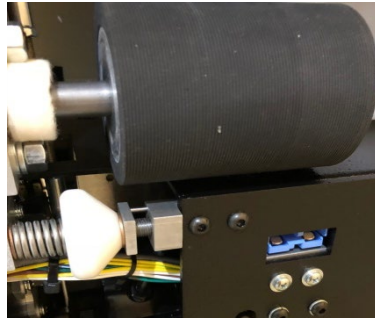


4. Use a 7/16" swivel socket to remove the (2) 7/16" hex nuts, lock washers and flat washers from both front Guide Wheel assemblies inside the motor compartment.



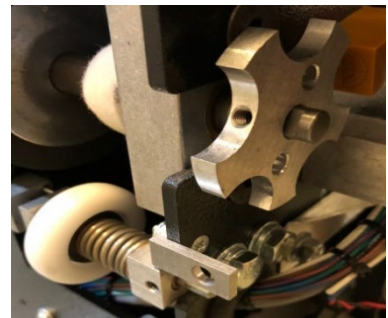
5. Stand the machine into the transport position
6. Remove the 8-32 x 5/8" screws that secure the left and right side guards on the machine.

7. Use a 5/32" Allen Wrench to back out the (2) black button head bolts from each Guide Wheel and remove.

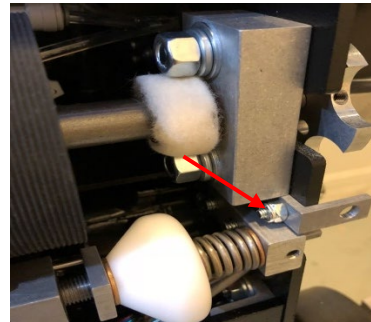
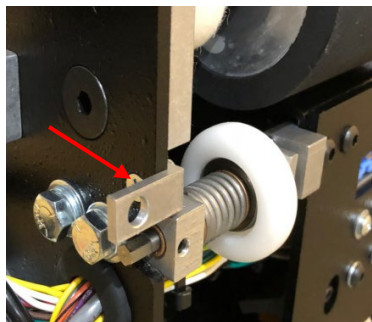


8. Remove the (2) 5/16-18 x 1-1/4" bolts that secure the front Guide Wheel block to the left and right side plates.

9. Use a 3/32" Allen Wrench to loosen the setscrew in the 5-tooth drive tach timing disk. Remove the timing disk from the drive shaft.



10. Remove the 7 and 10-pin side guard mounting angles.



11. Use a 3/32" Allen Wrench to loosen the set screw in the bottom of the Guide Roller Mount Block on both sides.
12. Loosen the (2) 3/8" x 1-1/2" FH bolts that secure the drive shaft side plate pillow blocks. Remove the nuts, lock washers and flat washers. Pull the bolts out and turn the pillow blocks 90 degrees. This allows the guide roller assembly to be rotated and removed.

13. Unscrew the Guide Wheel Shaft from the mounting block. Unscrew the Adjusting Nut. Remove the old Guide Wheel assembly and replace with the new one.
14. Screw the Adjusting Nut back onto the threaded shaft and screw the shaft back into the mounting block.
15. Re-install the Guide Wheel assemblies back into the machine on both sides. Secure the front Guide Wheel block to the left and right side plates with the 5/16-18 x 1-1/4" bolts. Push the black button head bolts through the floor plate and mounting block on the topside of the plate. Tighten the set screws in the bottom of the Guide Wheel Mount Block on both sides
16. Rotate the Drive Shaft Wall Pillow Blocks to install the mounting bolts and tighten.
17. Install the 5-Tooth Drive Tach Timing Disk back onto the drive shaft. Seat the setscrew into the flat spot on the shaft, push the disk as far in as the flat spot allows, and tighten the setscrew.
18. Install the machine side guard mounting angles that were removed in step 10.
19. Stand the machine up into the transport position.
20. Install the left and right side guards on the machine.
21. Place the flat washers, lock washers and hex nuts back onto the black button head bolts from both front Guide Wheel assemblies inside the motor compartment and tighten.
22. Install the battery back into the machine, plugging both cables together.
23. Install the Vacuum Motor, plugging it back into the harness.