



## INSTALLATION INSTRUCTIONS

PART NUMBER	153-8205 & 153-8805
PART DESCRIPTION	VACUUM MOTOR ASSY
REV DATE	4/6/2015
MACHINE MODELS	ALL 115V MODELS



Basic knowledge of the lane machine including mechanical and electrical

### TOOLS NEEDED:

7/16 (2) wrench

Silicone

Rags



### 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](http://www.youtube.com/user/KegelBowling81)



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**Kegel's Lane Maintenance Central:**  
Within USA - 1-800-280-2695  
Outside USA - +1 863-734-0200  
via e-mail at [LMC@Kegel.net](mailto:LMC@Kegel.net)  
website [www.kegel.net](http://www.kegel.net)



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1. Clean the mounting surface (or wall adapter) and the housing of the vacuum.
2. Slide the ¼-20 x 3-1/4 hex head bolts through the mounting holes (with a ¼" flat washer). Place a ¼" flat washer and ¼" lock washer on the bolt and tighten down with a ¼-20 hex nut.
3. Spin another hex nut onto the bolt far enough to allow the vacuum to touch the mounting surface. Place another 1/4" flat washer on the end of the bolt.
4. Apply a small bead of silicone around the opening of the intake housing. Be careful not to get any silicone inside the vacuum.
5. Position the vacuum motor on the mounting surface or wall adapter.
6. Spin the hex nuts down to the mounting surface before placing washers and locknuts on the backside. The silicone should seal the surface, not the compression from the fasteners. Make sure the exhaust lines up.



**DO NOT OVER-TIGHTEN FASTENERS. DOING SO WILL DAMAGE THE VACUUM HOUSING**

7. Tighten the three locknuts, making sure the hex nuts on the opposite side are preventing the vacuum housing from compressing. If the bolts are over-tightened the thin metal bell housing the turbine blade can be crushed. This will cause permanent damage to the vacuum and void the warranty.
8. Clean up the excess silicone that may have squeezed out from around the vacuum. Allow the silicone to cure properly before operating the motor.



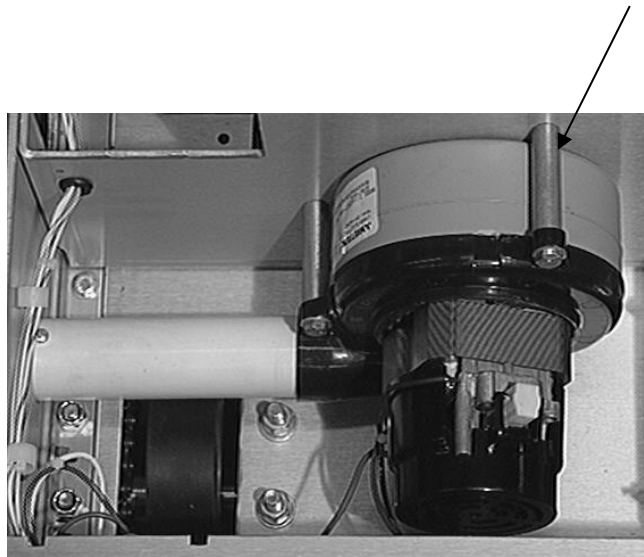
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9. Early LCMs used spacers to prevent damage. Re-use the spacers if available.



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