



## INSTALLATION INSTRUCTIONS

PART NUMBER	154-8874
PART DESCRIPTION	115V CLEANER PUMP MOTOR ASSEMBLY
REV DATE	11/18/2011
MACHINE MODELS	115V KUSTODIAN PLUS LANE MACHINES



Basic knowledge of the operation of the lane machine

### TOOLS NEEDED:

Phillips Screwdriver

Dykes/Side Cutter

Rags

3/8" 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](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)



- 1) Disconnect power & lay machine down in the operating position.
- 2) Unplug the existing cleaner pump motor wiring plug from the machine harness.
- 3) Unplug the Norprene tubing assy in the pump from the machine cleaner hoses. It is important to clearly mark / identify which fittings of the Norprene tubing goes into the specific machine tubes. Make sure you put a rag underneath to catch any residual cleaner in the hoses.
- 4) Using the Phillips screwdriver, loosen & remove the four cleaner pump mounting screws.
- 5) Remove motor assy from the machine.
- 6) Loosen & remove the four screws that mount the potentiometer plate to the Master Flex pump. Pull the plate & pump off the front of the motor.
- 7) Using the Phillips screwdriver & 3/8" wrench, loosen & remove the four screws that mount the motor to the motor mounting bracket.
- 8) Mount the new replacement motor on the bracket using the four screws. Make sure to mount the motor in the same direction as the old motor was mounted.
- 9) Install the Master Flex pump onto the new motor, making sure the slot cut in the motor shaft lines up w/ the pump shaft tab.
- 10) Place the potentiometer plate on the pump and using the four screws removed in step #6, secure the plate & pump to the new motor.
- 11) Secure the motor to the inside of the front wall using the four screws removed in step #4.
- 12) Plug the Norprene tubing fittings back into the cleaner hoses, making sure the correct hoses match up w/ each other as indicated in step #3.
- 13) Plug the motor wiring plug into the machine harness wiring.
- 14) Apply power to the machine and using the cleaner pump calibration test, check for proper cleaner pump operation and cleaner volume output. Adjust as necessary.

**NOTE: NO FAN BLADE IS NEEDED ON REPLACEMENT MOTOR**



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