



INSTALLATION INSTRUCTIONS

PART NUMBER	154-8875
PART DESCRIPTION	230V CLEANER PUMP MOTOR ASSY
REV DATE	11/18/2011
MACHINE MODELS	230V KUSTODIAN PLUS W/ MASTER FLEX PUMP



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Phillips Screwdriver

Dykes/Side Cutter

Rags

3/8" Wrench

PARTS NEEDED:

(1) 154-8875 230V Cleaner Pump Motor Assy



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



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- 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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