



INSTALLATION INSTRUCTIONS

PART NUMBER	164-8237
PART DESCRIPTION	FLOAT SWITCH ASSY (STEM FLOAT)
REV DATE	6/30/2020
MACHINE MODELS	FLEX WALKER



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Ratchet & Deepwell ½" Socket Needle-nose Pliers Rags Dykes



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



Steps:

1. Lay machine down in the operating position.
2. Loosen and remove the knurled thumbscrew at the top of the Oil Plate Assy.
3. Unplug the Oil Plate Assy from the side wiring harness, lift it out of the machine, and lean it against something so it stands upright.



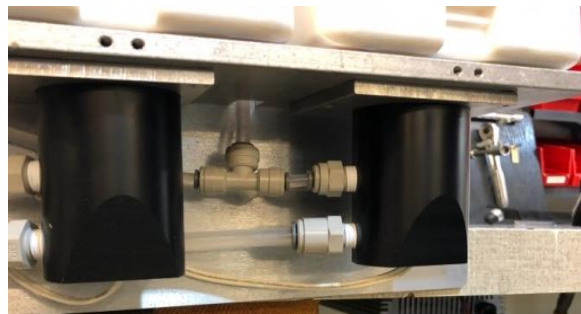
4. Loosen and remove the (4) 8-32 x 5/8" MS securing the Cartridge Clamps and guard onto the front of the assy. Remove the guard.
5. Remove the cartridge above whichever float assembly is being replaced. Wipe up any oil that may have dripped out from the cartridge.



6. Using the needle-nose pliers, remove the float portion of the switch.
7. Remove as much oil as possible from inside the Float Cylinder.
8. Unplug the defective float switch from the wiring harness attached the Wago block assy.



9. Cut the plug off the defective Float Switch using the Dykes.
10. Unscrew the defective float from the topside of the cylinder assembly and remove. Use the rags to wipe up any oil that may have dripped.



11. Feed the new float switch wires through the tapped hole in the bottom of the cylinder. Screw the new float switch completely into the cylinder using the. Place the new float onto the switch so that the semi-clear side with the edge around the rim is facing up.



12. Push the black 164-6282 Float Stem Extender completely down onto the valve stem until bottomed out.
13. Plug the replacement float wires into the 2-Pin Female Plug that came with the float switch. It doesn't matter which wire goes into which position in the plug. Plug the float wires back into the wiring harness attached into the Wago block assy.
14. Re-install the Cartridge Clamps and guard onto the front of the assy.
15. Re-install the oil cartridge.
16. Re-install the Oil Plate Assy into the machine using the knurled thumbscrew.
17. Power up the Oil Pump assemblies and inspect for any leaks.