



INSTALLATION INSTRUCTIONS

PART NUMBER	154-8840
PART DESCRIPTION	CLEANER SUPPLY TANK ASSEMBLY
REV DATE	1/16/2004
MACHINE MODELS	KK, PX-C, CROSSFIRE



Basic knowledge on ALL aspects of the lane machine, including mechanical, electrical and operating software

TOOLS NEEDED:

7/16" Wrench
Utility Knife
Tape measure

Phillips Screwdriver
Regular Screwdriver
5/16" Drill Bit

Rags
Drill



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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website www.kegel.net



1. Disconnect power from the machine. Lay machine down in the operating position.
2. Make sure the fluid level in the old tank is as low as possible before removal to prevent leaks or spills in the machine.
3. Perform this step only if your machine has an electric vent valve. The vent valve that is located above the cleaner tank and pump will have to be removed first. Looking down at the vent valve, remove the hose from the fitting on the left side of the valve. Remove the two screws holding the valve to the wall. Save these fasteners to re-install valve later. Set the valve off to the side to allow for tank removal.
4. Next, remove in-line filter assembly (filter and both pieces of attached hose) from tank fitting, discard filter assembly.
5. Loosen and remove both ¼" fasteners holding tank to the machine wall. Set aside fasteners for installation of new tank assembly. Remove old tank assembly from machine.
6. Before installing the new tank, you will have to determine if the LDS sensor block in your machine has a pass through sensor or prox sensor attached to it. If your machine has the pass through (black) sensor, you will have to drill two new holes to mount the new supply tank assembly. If your machine has the prox sensor (yellow) the original mounting holes will work for your new tank.
7. This step should be done **ONLY** if your machine has the black pass through sensor on the LDS block. If you have the yellow prox sensor on the LDS block, skip to STEP 8. Measure 1-1/4" to the right from the center of the left (original) mounting hole. Mark this spot as your first new hole. Then, measure 12" to the right from the first mark (new hole) and mark this spot, this will be the location of the second new mounting hole. Drill both of these new hole locations using a 5/16" drill bit.
8. You will now need to modify the water pump assembly. Remove the 3/8 tubing from the fitting on the right (looking down from the top) side of the pump. Cut this piece of tubing down to 2.75" (DO NOT trim hose if elbow on this side is already facing bottom of machine). Rotate the 3/8" fitting on the right side 180°, unless elbow is already facing bottom of machine (rotate clockwise, if fitting is too tight rotate counter-clockwise – DO NOT OVER-TIGHTEN). Once the fitting is rotated, insert the 2.75" piece of hose back in fitting.



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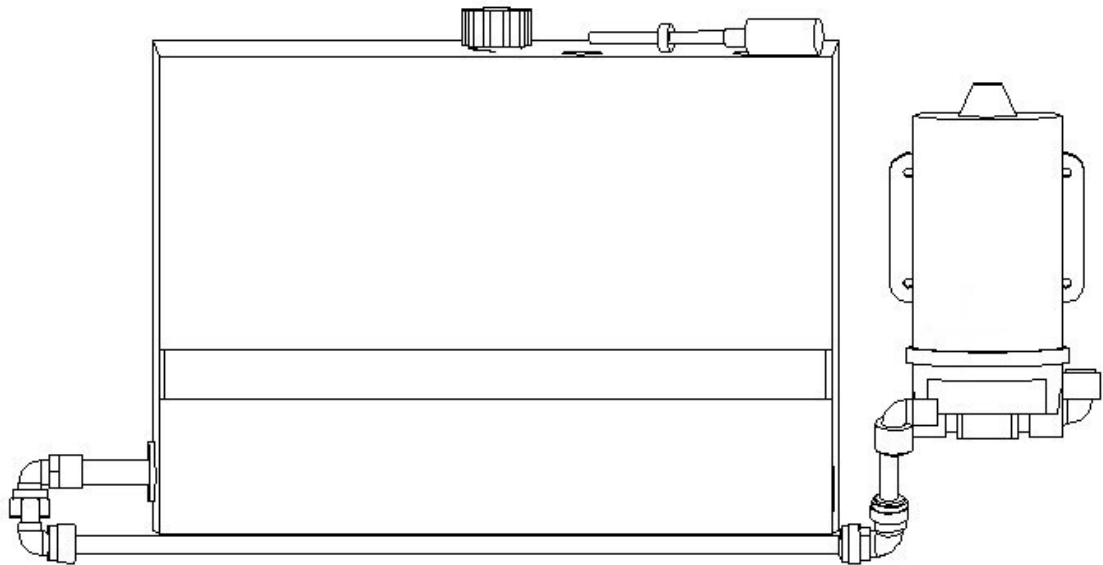
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9. Place the new tank into the machine and line up the mounting holes in the tank with the mounting holes in the machine wall. If you had to perform STEP 7, remove the mounting bar from the front of the new tank using a regular screwdriver. Use the new fasteners provided and attach tank to the wall. If you did not perform STEP 7 leave the mounting bar on the tank and use the original fasteners you removed from the old tank, attach the new tank to the wall. Tighten fasteners securely, DO NOT over-tighten.
10. Use one of the 3/8" hose x 3/8" hose elbows you removed earlier to connect the tubing coming from the pump to the tubing along the bottom of the tank.
11. Restore power to the machine and test for leaks.

NEW TANK CONFIGURATION



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