



# INSTALLATION INSTRUCTIONS

<b>PART NUMBER</b>	<b>154-8692</b>
<b>PART DESCRIPTION</b>	<b>SPRAY JET SUCTION CUP UPGRADE</b>
<b>REV DATE</b>	<b>08/08/2005</b>
<b>MACHINE MODELS</b>	<b>ALL SPRAY CLEANER TYPE MACHINES</b>



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

**TOOLS NEEDED:**

- |                       |                      |
|-----------------------|----------------------|
| Drill                 | 11/64 Drill Bit      |
| Deburring Tool        | Phillips Screwdriver |
| Flat Head Screwdriver | 11/32 Wrench/Socket  |
| Razor Knife           |                      |



**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**  
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**via e-mail at [LMC@Kegel.net](mailto:LMC@Kegel.net)**  
**website [www.kegel.net](http://www.kegel.net)**



1. Remove power from the machine. Lay machine down in the operating position.
2. Remove recovery tank from machine.
3. Remove the recovery tank elbow from the hose that extends from the squeegee assembly. Replace with new elbow provided in kit.
4. First, you will need to install the spray jet cup on the 10-pin side of the machine. For the first spray jet you will need the spray jet cup that has the hose and elbow attached to it. Place one of the harness clamps provided around the ¼" hose (refer to the pictures on page #2 for correct alignment of the clamps). Slide the cup up to the bottom of the spray jet retention cap (the cap should look like it is resting in the cup). Make sure the elbow is facing to your right (7-pin side). Use the pictures as a reference & mark and drill the four (three holes on a three jet machine) new holes needed to mount the suction cups. When drilling the holes make sure there are no dangling hoses or cloth that can be damaged by the drill bit. Deburr the holes when finished.
5. Insert one of the 8-32 screws through a washer and then through the machine frame. Insert the screw through the harness clamp, secure using another washer and an 8-32 lock nut. Before tightening completely, make sure the spray jet retainer cap is resting in the suction cup (refer to images below).



**NOTE: Spray Jet Retainer Cap rests in Suction cup**

6. For the remaining three jets follow the instructions in STEP 4. The installation process will be the same for each, with the only difference being that the remaining three suction cups have tees attached to them instead of an elbow.
7. Now that all the suction cups have been installed and secured in place you will need to cut tubing to go between each one and then from the last tee to the recovery tank elbow (elbow you installed in STEP 2). Before cutting each piece of hose remember to ADD 5/8" to each end of the hose you measure, this is the amount of tubing that gets inserted into each fitting. For example: you measure 16" between two tee fittings, you will need to cut the tube 17-1/4" ( $16" + 5/8" + 5/8" = 17-1/4"$ ).
8. Wire ties have been provided to secure new tubing to existing tubing or to the wire harness; this will create a neater and more professional look.



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