



INSTALLATION INSTRUCTIONS

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| PART NUMBER | 164-8038 |
| PART DESCRIPTION | FLEX SQUEEGEE BLADE UPGRADE |
| REV DATE | 6/30/20 |
| MACHINE MODELS | ALL PAINTED FRAME LANE MACHINES |



Basic knowledge of the lane machine including mechanical and electrical

TOOLS NEEDED:

3/16" Allen Wrench 7/16" Wrench Flathead Screwdriver Phillips Screwdriver
Countersink bit 11/32" Drill Bit 2 - 1/2" Wrenches Drill

PARTS INCLUDED:

(2) 153-0202D Squeegee Blade – Blue (1) 164-0003 Rubber Gasket
(1) 164-6074 Squeegee Channel (1) 164-6075 Squeegee Channel – Machined
(3) 164-2097 5/16-18 x 7/8" HHCS (2) 164-2023 1/4-20 x 3/4 BHSCS
(1) 153-2062 5/16-18 x 1-1/4" HHCS (1) 153-2005 5/16" Flat Washer
(1) 153-2015 5/16" Lock Washer

NOTE: A MOUNTING HARDWARE CHANGE WAS MADE TO ALL PRODUCTION MACHINE SQUEEGEE ASSYS, CHANGING THE ORIGINAL FLATHEAD BOLTS TO NEW HEX HEAD BOLTS, STARTING WITH THE FOLLOWING MACHINE SERIAL #S: XFO-1182, IW20-160, FX20-116, IK20-160 & FW20-150. MODIFICATION OF THE SQUEEGEE MOUNT ANGLE MAY BE REQUIRED...



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



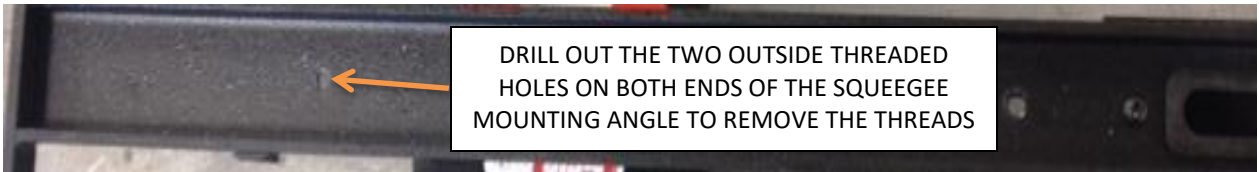
1. Disconnect power from the machine and lay down in the operating position and open the cleaning compartment lid.
2. Loosen and remove the hose clamp securing the long recovery tank hose onto the Squeegee adapter. Slide the hose off the adapter.
3. Using the (2) ½" Wrenches, loosen & remove the Squeegee Linkage bolt securing the linkage to the squeegee motor cam.
4. Loosen and remove the (2) shoulder bolts that secure the squeegee mount angle to the right & left side frame panels. Carefully remove entire assembly.
5. Loosen and remove whatever bolts are being used to secure the existing squeegee assembly to the underside of the squeegee mount angle.
6. Carefully scrape the old silicone off the underside side of the squeegee angle.

YOUR CURRENT SQUEEGEE MOUNTING ASSEMBLY MAY HAVE 2 OR 4 HOLES. IF YOU ALREADY HAVE THE 4 HOLE SETUP, SKIP TO STEP #9

7. For machines serial #s prior those noted on page 1, it is necessary to drill two extra mounting holes in the Squeegee Mount Angle to mount the new 164-6075 Squeegee Channel – Machined. To do this, simply line the replacement squeegee assembly (see pic below) up inside the mounting angle and scribe the two extra inside holes needing to be drilled. Using the 11/32" drill bit, drill completely through the Squeegee Mount Angle where you scribed the hole locations & deburr.



8. Using the 11/32 drill bit, drill the (2) outside holes in the Squeegee Mount Angle to remove the threads, as the new Squeegee Channel – Machined holes are now threaded instead.



9. Place the new rubber gasket included w/ the kit inside the rectangular cut-out in the center of the Squeegee Assy.
10. Position the squeegee channel assembly against the underside of the mount angle, making sure the mounting holes line up. Secure the squeegee assembly to the mount angle using the (3) 164-2097 5/16-18 x 7/8" HHCS & (1) 153-2062 5/16-18 x 1-1/4" HHCS, making sure the longer bolt, 5/16" lock washer and 5/16" flat washer are installed in the hole that secures the failsafe sensor onto the squeegee mount angle (if applicable). Note: The bolts will be now be installed from the topside of the Squeegee Mounting Angle and are screwed completely down through the Squeegee Channel – Machined until tight.
11. Secure the squeegee assembly back into the machine using the (2) shoulder bolts removed earlier in step #3. Tighten bolts completely.
12. Screw the squeegee linkage bolt back into the squeegee motor cam. Tighten bolt completely.
13. Run the machine on the bowling lane, performing a test clean to make sure the squeegee assembly is working properly.