



# INSTALLATION INSTRUCTIONS

PART NUMBER	158-8634
PART DESCRIPTION	SQUEEEGEE/BUFFER MOTOR SUPPORT PLATE
REV DATE	4/20/2020
MACHINE MODELS	ALL PAINTED LANE MACHINES



Basic knowledge of the lane machine including mechanical and electrical

#### TOOLS NEEDED:

Phillips Screwdriver  
7/16 wrench

90 degree right angle  
1/2 wrench

Allen set



#### 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.

 visit our growing library of videos to see if these instructions are available!  
[www.youtube.com/user/KegelBowling81](http://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](mailto:LMC@Kegel.net)  
website [www.kegel.net](http://www.kegel.net)



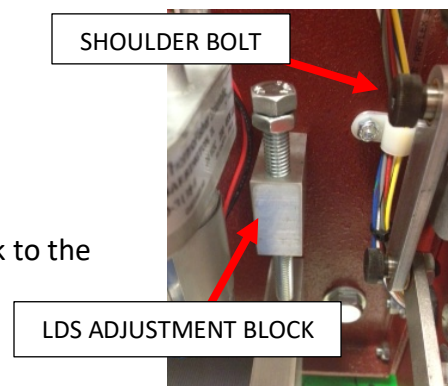
## Installing the Bracket on the Squeegee Motor

1. Remove power from the machine.
2. Remove the side guard from the right side of machine.
3. If replacing the squeegee motor as well as installing the bearing mount plate, remove all four motor mounting screws. Unplug motor and remove. If only installing the bearing mount plate, remove only the two bottom motor mounting screws.
4. If applicable, install new motor. Screw (2) of the 153-2093 10-32 x 1" MS w/ a 153-2013 #10 Lock Washer and 153-2003 #10 Flat Washer into the top two screw locations and snug but do not fasten all the way. Slide the 158-8634 Bearing Mount Plate on over the motor shaft. Put the remaining two screws with lockwashers & flat washers through the plate and into the bottom two screw locations and fasten all hardware.
5. Power up the machine and test motor to insure proper operation.
6. Once ok, re-install the black molded guard on right side of the machine.

## Installing the Bracket on the Buffer up/down Motor

1. Remove the LDS adjustment block assembly by removing the mounting bolts from the front of the rear panel.

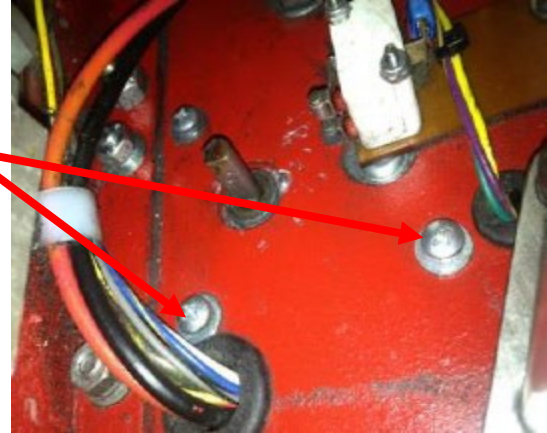
2. Remove the shoulder bolt that fastens the lower link to the cam. It may be necessary to heat this up as these are fastened with Loctite. VERY important to make note of the hole in the cam that the bolt is mounted in.



3. Loosen the setscrew in the cam assembly and remove from the motor shaft.

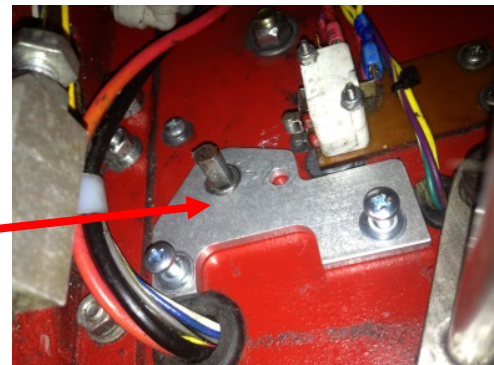
4. Remove the two bottom motor mounting screws to the frame.

MOTOR MOUNTING SCREWS



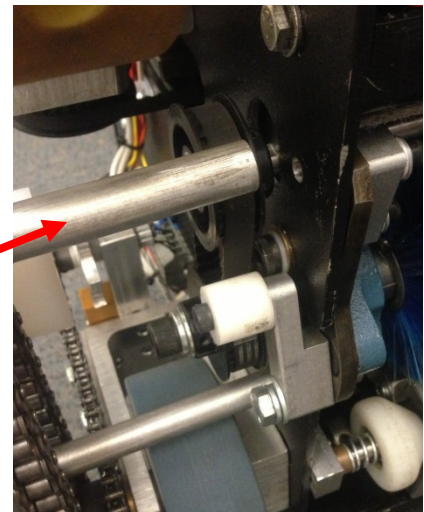
5. Locate the Buffer Mounting Bracket and mounting hardware from the kit. Install the bracket as shown to the right and fasten into place using the two screws, washer and lockwasher provided in the kit.

BUFFER MOUNTING BRACKET



6. On ALL Walker models, it will be necessary to remove the support post as shown to the right. Failure to do so will cause potential damage to the transfer roller pulley and belt assembly.

REMOVE



## Reinstalling the components

1. Slide the buffer motor cam back into place and fasten the set screw on to the flat spot located on the shaft.
2. Reinstall the lowering link assembly. Take the shoulder bolt and slide it through the link and fasten into place using Loctite.
3. Reinstall the LDS block assembly.
4. Reinstall the cleaner pump assembly keeping the wires and tubing fastened neatly into place.
5. Reinstall the splash guard assembly.