



INSTALLATION INSTRUCTIONS

PART NUMBER	153-8424B
PART DESCRIPTION	PUSH BUTTON REPLACEMENT
REV DATE	12/8/2011
MACHINE MODELS	PHOENIX / EXCEL / DART



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Wire Strippers (if applicable)

Phillips Screwdriver

Scratch Awl

Flathead Screwdriver (if applicable)

Pliers

Dykes (if applicable)



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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Kegel's Lane Maintenance Central:
Within USA - 1-800-280-2695
Outside USA - +1 863-734-0200
via e-mail at LMC@Kegel.net
website www.kegel.net



NOTE: THIS BUTTON REPLACEMENT IS USED IN SEVERAL DIFFERENT MACHINE TYPES (WITH A HARNESS PLUG **OR** WITH A WAGO BLOCK ASSEMBLY). INSTALL NEW BUTTON ACCORDING TO YOUR SPECIFIC MACHINE APPLICATION.

- 1) Lay machine down in the operating position and disconnect power.
- 2) Unplug the handle button harness wires from the machine harness plug **OR** using the small flathead screwdriver, remove the handle wires from the wago block assembly.
- 3) Using the Phillips screwdriver, loosen & remove the two 8-32 x 3/8" MS securing the button mounting plate to the handle. Using the pliers, loosen & remove the round button guard, then the button mounting plate.
- 4) Cut the plug off the defective button harness (if applicable).
- 5) Pull the defective button harness wires out of the handle.
- 6) Feed the new replacement button harness wires through the handle.
- 7) Place the button mounting plate on the new button, followed by the button guard. Tighten the guard down onto the mounting plate.
- 8) Secure the mounting plate to the handle using the 8-32 x 3/8" MS removed in step #3, being careful not to damage the button terminals.
- 9) Plug the new button wires into the 3-pin plug included, w/ the VIOLET wire to the point & the YELLOW wire to the flat (if applicable). A wiring adapter has been included if needed.
- 10) If your machine has a handle wago block assembly, it is necessary to cut the pins off the replacement button wires. Strip ¼" of insulation off the wires, and using the small flathead screwdriver, insert the new button wires into the wago block terminals, making sure to match the colors up w/ those from the machine wiring and being careful not to pinch the wire insulation



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