



INSTALLATION INSTRUCTIONS

PART NUMBER	154-8848R
PART DESCRIPTION	CLEANER SPEED CONTROL RESISTOR
REV DATE	11/15/2011
MACHINE MODELS	KUSTODIAN PLUS



Basic knowledge of the operation of the lane machine

TOOLS NEEDED:

Phillips Screwdriver

11/32" Wrench

Heat Gun



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



- Place orders with Distributor
- Maintenance reminders on phone
- Software updates
- How to videos

Take full control of your lane machine at My.kegel.net

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

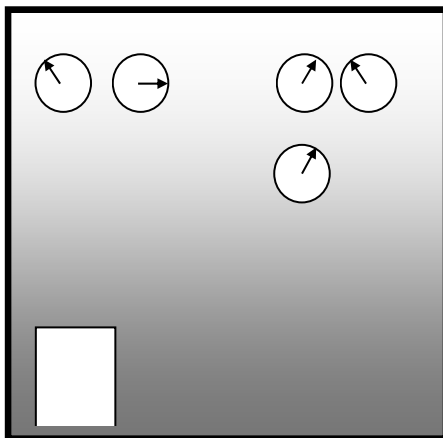


- 1) Disconnect power & lay the machine down in the operating position.
- 2) Unplug the cleaner speed control from the machine wiring harness.
- 3) Loosen & remove the cleaner speed control mounting screws. Remove the speed control.
- 4) Unplug the blue/green wire from the speed control terminal labeled "P3". This wire goes to the 9-pin connector plug on the opposite end.
- 5) Plug the blue/green wire into the male terminal on the cleaner speed control resistor.
- 6) Slide the 1" piece of 1/4" heat shrink on over the resistor assy.
- 7) Plug the female terminal on the resistor back onto the speed control terminal labeled "P3".
- 8) Slide the 1" pc of 1/4" heat shrink down over the blue/green wire and resistor terminal connection and shrink into place.
- 9) Prior to re-installing the speed control board, re-set the pots using the figures below.

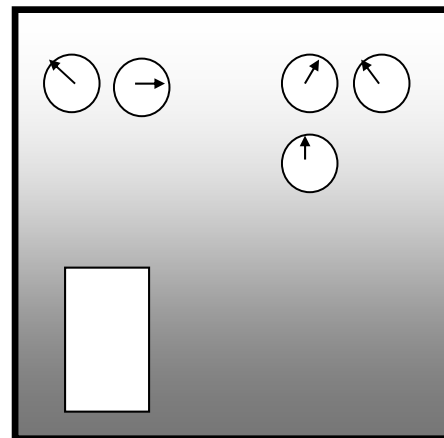
VERY IMPORTANT

After installing the speed control resistor, you will need to perform a cleaner pump volume test. The new board needs to be adjusted to pump 20mls of cleaner instead of the old 10-11mls of cleaner.

115V



220V



- Place orders with Distributor
- Maintenance reminders on phone
- Software updates
- How to videos

Take full control of your
lane machine at
My.kegel.net

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

