

KEGEL

pin shine

Manual

REV 12:24





**Pin Cleaning Machine Manual
Rev 12:24**



Machine Specifications

**17-0040 Pin Cleaning Machine
Class 1 - Single Phase
115 Volts, 50/60 Hz**

**17-0040E Pin Cleaning Machine
Class 1 – Single Phase
230 Volts, 50 Hz**

Dimensions

**Width – 17”
Height – 10.5”
Length – 35”
Weight – 37 pounds**

Safety First

This Class I Single Phase Pin Cleaning machine shall be grounded during operation to protect the operator from electric shock. The machine is provided with a three-conductor power cord for use in a properly grounded receptacle. Machines rated at 115 Volts A.C. are for use on a nominal 120-volt circuit and machines rated at 230 Volts A.C. are for use on a nominal 240-volt circuit.

Warning of Potential Injury: Moving Parts – To Reduce the Risk of Injury Always Disconnect Power Before Servicing!

This product is intended for COMMERCIAL USE. To reduce the risk of fire, use only commercially available bowling pin cleaners intended for machine application.

Disconnect power BEFORE filling the pin cleaning machine. Be careful not to overfill the tank. Do not allow excess fluid to enter the electrical compartment or come into contact with any electrical components. WIPE UP spills immediately, and make sure all components are dry before applying power to the machine.

NEVER operate the pin cleaning machine with safety switch bypassed. Potential harm can occur to the operator and/or the device.

Please make sure the WARRANTY CARD is filled out and returned immediately. This will allow the manufacturer or distributor to notify you of potential problems and/or offer upgrades to the machine as they become available. Register your machine on line at www.kegel.net

If you need assistance or more information about this equipment please contact Kegel in Lake Wales, Florida USA at (863) 734-0200

WARRANTY

KEGEL warrants that pin cleaning machines and replacement parts will be manufactured free from defects in material and workmanship under normal use and service. Except as stated below, KEGEL shall repair or replace, at its factory or authorized service station, any pin cleaning machine or replacement part (“Warranty Item”) which, within **ONE YEAR** after the date of purchase from an authorized KEGEL Distributor, has been determined to be defective upon examination by KEGEL. In no event shall the Warranty coverage be more than twenty-four (24) months from the date of shipment from KEGEL’s factory.

In the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from KEGEL and must return Warranty Items directly to KEGEL, following the required procedures. KEGEL will pay reasonable freight charges to deliver and receive Warranty Items from the bowling center. KEGEL will not be responsible for any “expedited” shipping charges. Customer will be invoiced for Warranty Items that are not promptly returned per the required procedures.

Outside the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from the DISTRIBUTOR and must return Warranty Items directly to the DISTRIBUTOR, following the required procedures. KEGEL will compensate the DISTRIBUTOR for reasonable freight charges to deliver and receive the Warranty Items from bowling center and to return them to KEGEL. Under no circumstances will KEGEL be responsible for any “expedited” shipping charges or taxes and duties.

This Warranty shall not apply to any pin cleaning machine repaired or altered outside of KEGEL’s factory, or authorized service station, in any way, or where replacement parts have been installed in the pin cleaning machine other than KEGEL approved replacement parts, or where the pin cleaning machine has been subjected to misuse, negligence, accident, or abuse.

KEGEL reserves the right to inspect and make the final decision on any claim under Warranty which it deems questionable. KEGEL’s liability under the Warranty expressed above is limited to repair or replacement; KEGEL shall have no liability for incidental or consequential damages or for costs of installing Warranty Items.

pin shine®

Thank you for purchasing your new Pin Shine® pin cleaning machine. Its simplistic design makes it easy to use and requires minimal maintenance.

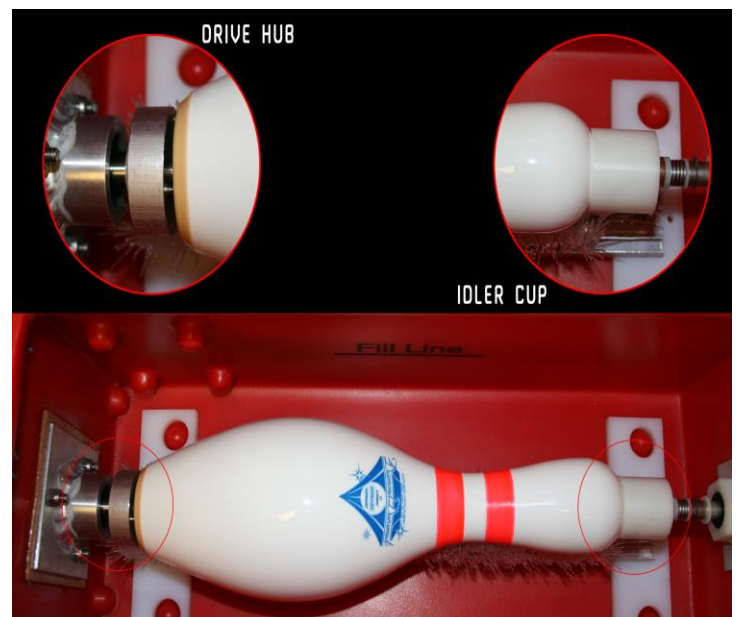
Once you remove the Pin Shine® from its carton, inspect the unit to ensure there is no visible damage prior to pouring Pin Shine® pin cleaning solution into the tank.

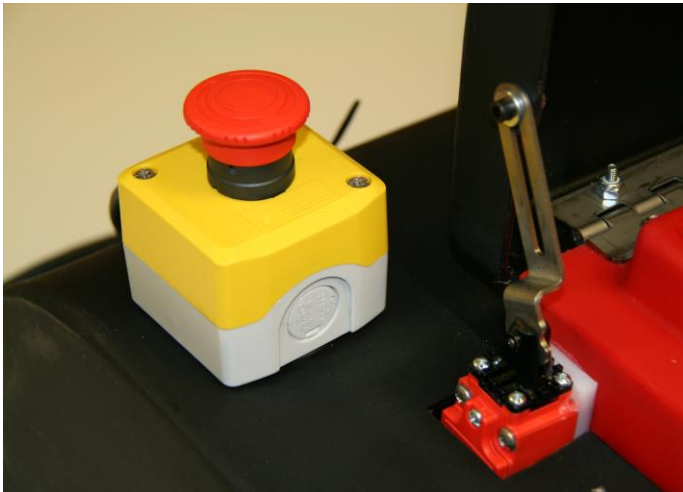
CAUTION: It is strongly recommended that the pin bottom sanding attachment is removed before pins are cleaned. This attachment is intended for use after the bowling pin has been cleaned.

CLEANING THE PIN

The Pin Shine machine requires 2-1/2 to 3 gallons of Pin Shine solution. Being a molded tank, there are small variances from tank to tank. It is best to start at 2-1/2 gallons, or close to the fill line, and work your way up. If the fluid level is too low, the bowling pin can act like a spinning tire and sling the solution toward the lid. The ideal fluid height is at the center of the pin or just below center when it is secured properly to the drive hub and the idler cup.

To properly secure the pin into the machine, place the pin bottom to the drive hub. The hole in the bottom of the bowling pin should fit onto the pilot pin located on the drive hub. Press down on the pin to align the head of the pin with the idler cup. While pressing down on the pin, raise the toggle lever located on the outside of the box. This will press the idler cup against the head of the pin, causing the base of the pin to bite into the drive hub pins. The head of the pin should be centered in the idler cup. The toggle lever should be in the full upright position. The Pin Shine box is designed to have some flexibility when the pin is engaged properly into the drive hub and the idler cup.





Once the pin is properly in place, close the lid and turn the main power switch to the ON position located on the back of the Pin Shine tank. The drive motor will start automatically and the pin will begin to spin against the brush. After the machine operates 10-15 seconds, turn off the main power switch to stop the motor. Once the motor stops, raise the lid and lower the toggle lever to release the pin. Remove the pin from the machine and wipe dry with a clean towel.

SANDING THE BOTTOM

Once all of the pins are cleaned, remove the power from the machine and screw the 'pin bottom sanding attachment' onto the shaft located on the inside of the guard. Once the attachment is screwed onto the shaft, turn on the power. The hole on the bottom of the bowling pin should fit easily onto the pilot pin of the sanding attachment. Make sure you have a firm hold of the bowling pin when pressing the bottom of the pin to the sanding disc.



STORAGE AND MAINTENANCE

It is recommended to drain the pin shine solution from the tank after each use. Leaving the solution in the tank can corrode the toggle lever, and potentially cause components to prematurely fail. Also, wipe down the toggle lever after each use and lightly coat it with a lubricant while it's sitting on the shelf for any extended period.

Over time, the bowling pin may not fit in the cradle as it did when it was first purchased. The Pin Shine comes with 4 nylon washers to tighten the pin when the toggle lever is engaged.

To replace these:

- Unplug the Pin Shine machine.
- Facing the front of the Pin Shine, use your left hand to grab the sanding disk wheel. With your right hand reach inside and spin the Drive Hub assembly away from you towards the back of the Pin Shin machine and remove.
- Insert one of the nylon washers onto the shaft.
- Replace the Drive Hub assembly turning in towards you.

Nylon washer replacement – Part Number: 153-2009