

## **BEV MAX 2 UPDATE STEPS:**

- 1) Install new software (a) Power off machine (b) Insert EPROM (c) Power up machine (d) When display scrolls back to “Enjoy A Drink” – (e) Power down machine & remove EPROM.
- 2) Install new vend cup parts (a) Install new clear sleeve w/h o-ring on the pin (b) Remove old white plastic base & discard, install new V-notch base (c) Add foam padding into the bottom of the base shell (left corner)
- 3) Perform a 4-Corner test to check the “X/Y” (with “go-no go gage”)  
(a) Hit mode button twice (b) Pull out the left interlock (c) Hit “F”, “\*”, “1” to begin (d) Hit “A” & check top left corner(“A1”)(adjust as needed) (e) Hit “8” & check top right corner(“A8”)(adjust as needed) (f) Hit “E” & check the bottom right corner(“E8”)(adjust as needed) (g) Hit “1” & check the bottom left corner(“E1”)(adjust as needed) (use drill & spacing gage to make adjustments) (to adjust w/h spacing gage-spot the vend cup & gage- at “A3” for top left, at “A7” for top right, at “E7” for bottom right, at “E3” for bottom left) (to move vend cup by hand, hit “\*” to display “All Stop” and push in the left interlock switch)
- 4) Check for Proper Belt Tension (a) Hit “F”, “\*”, “1” to begin (b) Hit “E” (cup moves to “E1” position) (c) Now hit “8” and then “1” again (do this step several times – cup moves back & forth between 1 & 8 – Listen for the belt to slip – sounds like the belt is jumping teeth on the clips when tension is loose) If belt tension is loose do the following; (a) check the belt brackets at the top left corner and adjust the two brackets “white painted bracket & silver metal bracket” so that both brackets are flush with each other at the bottom. (retest-run back & forth on “E” level) If belt is still loose, do the following; (b) Loosen the two top 11/32 nuts at the belt bracket (top left-on the ceiling of the machine) to let slack into the top belt (c) loosen the two Phillips screws on the belt clip at the top of the X/Y frame (rear clip which holds the belt coming from the left corner belt brackets) (d) Without letting go of the belt-move the belt through the clip to the right to take up two teeth of the belt past where it was before (e) Tighten the two 11/32 nuts on the top left belt bracket (retest-run back & forth on “E” level)(readjust again if necessary-take up two more teeth through the belt clip)
- 5) Perform a Shelf off-set test (a) Run the vend cup to the “A1” position and hit “O” to fire the trigger to the target at “A1”, do the same test at cup positions “A8, E8, & E1”(hold drinks back or empty the row) (b) Trigger should be hitting about ¾ of the target.(If trigger is hitting the target too high or too low return cup to home by hitting “F” and hit “clear” button & adjust shelf off-set setting / see next step#5)
- 6) Adjust the shelf off-set (if needed) (a) Hit “F”, “\*”, “8” and adjust the setting on the display as needed.(usually in 300 increments) (perform a Shelf off-set test again-see above) (“F”, “\*”, “1” for position test)
- 7) Perform a Hook Swipe Test (a) With cup at “Home” position hit “F”, “\*”, “O” (the vend cup will run to the delivery port) (there should be the thickness of a “quarter” gap between the right wall & the cup). (b) If adjustment is needed-adjust the setting on the display, hit “\*” to home the cup and retest.
- 8) Perform A Vertical Cup test (a) Hit “F”, “\*”, “1” and run the cup to “E1” (b) Insure that the clear sleeve (of the vend cup) & the left side of the vend gate are flush (if adjustment is needed-hit “\*” to display “All Stop” and push in the left interlock switch and raise the vend cup by hand- up to “D1”, loosen the two screws at the belt clip below and move the vend cup left or right and retighten the two belt clip screws) (if adjustments are to the left-“DO NOT MOVE THE VEND CUP FRAME ALL OF THE WAY AGAINST THE LEFT CABINET WALL”-leave a slight gap)
- 9) Examine “All” Vend Gates and Look over the entire machine for other damage or problems
- 10) Perform a Vend Port test (a) Hit “F”, “\*”, “2” (b) Hit “A” to open the port (display should show “1010”) (c) Stick your hand into the delivery cup area (display should show “1011”) (d) Hit “B” to close the port.
- 11) Perform a Keypad test (a) Hit the mode button twice (b) Hit “9” (shows test vend) (c) Continue to hit “A”, until keypad is displayed (d) Hit “\*” to enter the test and then hit all letters & numbers on the keypad to test.
- 12) Check the Allen Set Screws at the top of the Vend cup frame (a) If loose remove and add locktight to the screws and replace.
- 13) Perform a Closed Door Vend test w/h coins & bills (a) Shut ALL doors (b) Vend drinks at random from various levels (always vend a drink from selection “E9” during this test).