

Clearing the IGT S2000/Vision Slot Machine

S2000 CLEAR CHIP and KEY CHIP set up procedures for home use

- Turn the power to the machine **OFF**.
- Unplug it from the wall outlet.
- Remove the coin tray.
- Slide the hopper out from its rails carefully. Place it on an old towel.
- Carefully remove the Main Processing Unit (MPU) board.
- Observe all Electrostatic Discharge Procedures prior to handling the ICs on this MPU board.
- Touch (for several seconds) the metal casing of the IGT slot to discharge any stray static electricity.
- Be sure to keep your feet still and not scrape carpet to build up more static electricity.
- Inspect all game chips. Verify they are installed in the proper orientation and are fully seated.
- Be sure the notch is facing forward on all of the chips (at the top of the IC socket.)
- With a chip removal tool, grasp the SB chip firmly on both ends.
- Remove the SB chip (40-pin).
- Replace it with the Clear Chip.
- Be sure the notch is facing forward on the Clear Chip at the top of the IC socket.
- Replace the MPU back into the machine.

- Be sure the MPU is fully seated in the socket.
- Leave the door to the slot machine open.
- Plug the machine's line cord into a wall outlet.
- Turn the machine **ON**.
- Watch the two amber lights on the MPU board. Once they both turn **ON**, turn the power to the machine **OFF**.
- Repeat the above two steps several times. This ensures that the machine RAM is fully cleared and is reset to factory settings.
- Be sure the power to the machine is **OFF**.
- Remove the line cord from the wall outlet.
- Remove the MPU board.
- Observe all Electrostatic Discharge Procedures prior to handling the ICs on this MPU board.
- Touch (for several seconds) the metal casing of the IGT slot to discharge any stray static electricity.
- Be sure to keep your feet still and not scrape carpet to build up more static electricity.
- Using a chip removal tool, remove the Clear Chip from the socket.
- Replace the SB chip in the IC socket.
- Be sure the notch is facing forward to the top of the socket.
- Replace the MPU back into the machine.
- Be sure the MPU is fully seated in the socket.
- Leave the door to the slot machine open.
- Plug the machine's line cord into a wall outlet.

- Turn the machine **ON**.
- The LED on the door should read "TESTING MEMORY".
- In a few seconds, an audible alarm will sound.
- The LED on the door should read "RAM ERROR".
- Turn the brass jackpot reset key four (4) times clockwise (CW).
- Be sure the key springs back to the original position.
- The LED on the door should read "PRESS TEST SWITCH FOR 2 to 3 SECONDS".
- Press and hold the small white button on the MPU for three (3) seconds and then release the button.
- The LED on the door should read "CLOSE MAIN DOOR".
- Close the main door.
- Press the door firmly into its frame.
- Be sure the latch is pressed down and is fully seated.
- The LED on the door should read "TESTING MEMORY" for several seconds.
- The LED on the door should read "CALL ATTENDANT".
- Open the main door.
- An audible alarm will sound.
- Turn the jackpot reset key three (3) times CW.
- Be sure the key springs back to the original position. After several seconds, the reels should spin.
- The LED on the door should read "MACHINE TYPE MISMATCH".

- Turn the machine **OFF**.
- Remove the line cord from the wall outlet.
- Remove the MPU board.
- Observe all Electrostatic Discharge Procedures prior to handling the ICs on this MPU board.
- Touch (for several seconds) the metal casing of the IGT slot to discharge any stray static electricity.
- Be sure to keep your feet still and not scrape carpet to build up more static electricity.
- Using a chip removal tool, remove the SB chip from the socket.
- Replace the SB chip with the Key Chip.
- Replace the MPU back into the machine.
- Be sure the MPU is fully seated in the socket.
- Leave the door to the slot machine open.
- Plug the machine's line cord into a wall outlet.
- Watch the two amber lights on the MPU board. Once they both turn **ON**, turn the power to the machine **OFF**.
- Unplug the line cord from the wall outlet.
- Remove the MPU.
- Observe all Electrostatic Discharge Procedures prior to handling the ICs on this MPU board.
- Touch (for several seconds) the metal casing of the IGT slot to discharge any stray static electricity.
- Be sure to keep your feet still and not scrape carpet to build up more static electricity.

- Using a chip removal tool, remove the Key Chip from the socket.
- Replace the SB chip in the IC socket.
- Be sure the notch is facing forward to the top of the socket.
- Leave the door to the slot machine open.
- Plug the machine's line cord into a wall outlet.
- Turn the machine **ON**.
- The LED on the door should read "7 KEY CHIP CONFIG".
- The SAS will clear all statistical data and return the machine to a "Standard Mode".
- **DO NOT** access the statistical mode.

Key Chip Button Control and Operation

Service/Change and **Cash Out** buttons are toggles for up and down through the menu selections.

Spin Reels button is for Select.

Bet Max is for Enter or Confirm.

Establish Accounting and Denomination

WARNING

Once established it cannot be reduced later unless the Clear Chip procedure is performed by using the above steps. Denomination should have been selected before the following steps are performed. Most slot machines will be set for quarter (25-cent) play.

____ Press the Spin Reels 4 times, LED display should read "Accounting".

____ Press the Spin Reels 1 more time, toggle buttons should light up.

____ Press the Service button until the desired denomination shows (i.e., 25 cents.)

____ Press the Bet Max 2 times.

WARNING

Once established, changes can only be made by using the Clear Chip procedure on the previous pages.

____ Press the Cash Out 1 time, LED should read "Coin Denom".

____ Press the Spin Reels 2 times.

____ Press the Service 1 time, LED should read Accounting denomination (i.e., 25 cents.)

____ Press Bet Max 2 times.

____ Press the Bet Max 1 more time, LED should read "7.1.1 Denom".

____ Press the Cash Out 1 time.

____ Press the Spin Reels 1 time.

____ Press the Cash Out button until the desired game payout percentage is found.

____ Press the Bet Max 1 time to confirm.

____ Press the Cash Out 3 times, LED should read "Machine Type".

____ Press the Spin Reels 1 time.

____ Press the Cash Out 1 time, LED should read "Upright". If not, continue to toggle to find slant top (or whatever the type of machine).

____ Press the Bet Max 1 time to confirm.

____ Press the Cash Out 1 time, LED should read "Token Payout"

____ Press the Spin Reels 1 time, an opportunity to enable or disable the hopper will show at this point.

____ If using a printer and not a hopper, then press the Service switch 1 time so the LED reads "Disabled".

____ Press the Bet Max 1 time to confirm.

If the slot machine only has a hopper and is not using a printer, then Key Set up is NOW COMPLETE. Press the Bet Max 3 times. The machine will cycle. Close the machine door, lock the cabinet casing and play the game.

If a printer is being used, perform the following steps.

____ Press the Bet Max 2 times to exit, LED should read "7.1 Key Chip I Config".

____ Press the Cash Out 1 time, LED should read "7.2 Key Chip II Config".

____ Press the Spin Reels 1 time.

____ Press the Cash Out 1 time, LED should read "7.2.2 Printers".

____ Press the Spin Reels 2 times.

____ Press the Cash Out 1 time, LED should read "Printer Enabled".

____ Press the Bet Max 2 times to confirm and return to the main menu.

____ Press Bet Max 2 more times to exit Key Set up, the machine should cycle. Close the machine door. Lock the cabinet casing and play the game.

____ Play the game and test the hopper or printer for proper function.