

**SYSTEM 600 UPGRADE
INSTALLATION INSTRUCTIONS
(Kit #4K00291)**

The following instructions will describe how to upgrade a System 500 change machine using the new System 600 components. Before you begin, please be sure to check that all parts have been supplied using the parts list below.

Parts List:

- (1) 5V00108 - 600 Note Acceptor
- (1) 5P00107 - 500E/600 Power Supply
- (1) 2F00923 - Power Supply Mounting Plate With Adhesive Strips
- (1) 2F01075 - Power Supply Mount
- (1) 2S33240 - 500E/600 Note Acceptor Mount
- (1) 4C00171 - 70" Acceptor Power Cable
- (4) 3N00110 - 1/4-20 Hex Nut
- (1) 8C00102 - Alcohol Pad
- (1) 4C00162 - Ground Strap

Installation Notes:

- If you are installing this kit in a SC90 cabinet, an additional light bracket kit must be installed for proper bill acceptance. This kit, part number 4K00296, can be ordered for no additional charge.
- If you are installing this kit on the right side (facing the machine) of a dual acceptor SC40 machine, a longer power cable will be required. This cable, part number 4C00180, can be ordered for no additional charge.
- If you are installing this kit on the right side (facing the back of the machine) of a system 500 SC34 rear load, a six (6) foot extension cable is required. This cable, part number 4M00359, can be ordered for no additional charge.
- Never plug a new System 600 note acceptor into a System 500 power supply. Doing so would cause severe damage to the 600 note acceptor.
- Two (2) power supply mounts have been included in the kit. You will need to know the model number of your cabinet in order to choose the correct mounting plate to install the new 600 power supply.
- Tools required include a large slotted screw driver and 3/8" socket wrench set.
- The new 600 power supply will plug directly into the electrical outlet inside the cabinet. If the old 500 power supply is "hard" wired direct, contact a qualified electrician to have it removed and to install an electrical outlet.

NOTE: Always make sure the power switch is "OFF" before unplugging any cables.

1. Remove the System 500 Note Acceptor by first disconnecting all cables located on the right side of the Note Acceptor. Next, locate the two detents on the front of the note acceptor. (The detents are made of black plastic material and have pull rings attached to them). Push in on the detents with your forefingers and lift upward on the bottom of the note acceptor. The note acceptor will come free from its mount and should be removed from the cabinet.
2. Replace the existing acceptor mount with the new mount (2S33240) included in this kit. To do this, you must first carefully remove the escutcheon (bill insert guide) from the front of the cabinet. Using a large size straight edge screwdriver, carefully remove the four (4) screws on the existing acceptor mount which will allow the escutcheon to be removed. Next, remove the four (4) 7/16" nuts that hold the acceptor mount to the cabinet. Attach the new mount by reversing these instructions.
3. Attach the 600 note acceptor (5V00108) to the new acceptor mount in the cabinet. To accomplish this, depress both detents on the acceptor, positioning the front of the acceptor (bill input end) into the mount. Now push downward on the front of the acceptor to engage the front rod into the mounting hooks of the acceptor mount. Pull outward on the rings attached to the detents to insure that the acceptor has been locked in place. (Do not attempt to plug in the old System 500 power cable into the new 600 acceptor).
4. Refer to the following table to determine the method of installing the 600 power supply into your change machine. Follow the instructions outlined in the section pertaining to the model (cabinet) number of your change machine. Cabinet model numbers can be determined by subtracting the number of hoppers from the model number of the machine. For example, a model SC62 that is a two (2) hopper machine uses a SC60 cabinet. (**See "Installation Notes" on the front page concerning installing the new 600 power supply**).

Section 1... Cabinet number SC90, SC100

Section 2... Cabinet number SC40, SC40DA

Section 3... Cabinet number SC10, SC20, SC30, SC30DA, SC50, SC60

Section 1.

Make sure the power supply switch is in the "off" position. Unplug the System 500 power line cord from the electrical outlet mounted in the cabinet. Unplug the A.C. hopper power cables(s) from the power supply. Unplug the note acceptor power cable and remove it from the cabinet. Remove the power supply by loosening the four (4) 7/16" nuts mounting it to the cabinet. Align the new power supply mount (2F01075) to the four (4) threaded studs and tighten down using the same 7/16" nuts. Attach the 600 power supply to the mount (with the off/on switch facing the door), using the four (4) 1/4-20 hex nuts included in the kit. Plug the A.C. power cord into the electrical outlet. Install the system 600 note acceptor power cable (4C00171) by routing through the cable fasteners inside the cabinet.

Section 2.

Make sure the power supply switch is in the "off" position. Unplug the System 500 power supply line cord from the electrical outlet mounted in the cabinet. Unplug the A.C. hopper power cables(s) and the note acceptor power cable from the power supply. Loosen and remove the two (2) 7/16" nuts mounting the gray bracket and power supply to the cabinet. Select a proper spot for the 600 power supply mount (2F01075) to be attached to the bottom of the cabinet. (You may only be able to align one of the mounting holes to a threaded stud on the cabinet bottom. This will be sufficient). Attach the power supply mount to the threaded studs using the two (2) 7/16" nuts previously removed. Attach the 500E/600 power supply (5P00107) to the mount using the four (4) 1/4-20 hex nuts include in the kit. Make sure that the off/on switch is facing out and that the door can be closed. Plug the A.C. power cord into the electrical outlet. Install the System 600 note acceptor power cable (4C00171) by routing through the cable fasteners inside the cabinet.

Section 3.

Make sure the power supply switch is in the "off" position. Unplug the System 500 power supply line cord from the electrical outlet mounted in the cabinet. Unplug the A.C. hopper power cables(s) and the note acceptor power cable from the power supply. Select a proper mounting spot for the System 500E/600 power supply. In all cabinets, except the SC60, the inside left wall will provide adequate room. In SC60 cabinets, mount the power supply on the inside right wall. Hold the System 600 power supply in place and verify easy access to the power switch and circuit breaker. Also verify that no other operation is restricted, such as unloading the stacker, loading the hopper(s), removing the coin box, or closing the door. After a mounting location is selected, use the alcohol towelette provided and clean the area thoroughly and let air dry. Remove the covering from the adhesive strips on the back of the mounting plate (2F00923) and press firmly onto the selected mounting location. Attach the safety ground strap (4C00162) from the mounting plate to any nearby threaded metal stud welded to the inside of the cabinet. Attach the 600 power supply (5P00107) to the mounting plate using the four (4) 1/4-20 hex nuts include in the kit. Verify that the off/on switch is facing out and that the door can be closed. Plug the A.C. power cord into the electrical outlet inside the cabinet. Install the System 600 note acceptor power cable (4C00171) by routing through the cable fasteners inside the cabinet.

5. Reconnect all cables to the note acceptor including the new acceptor power supply cable. Connect the A.C. hopper cables into the outlets on the new 600 power supply.
6. Turn the power supply switch to "on" and reprogram your new note acceptor. (Information concerning how to program your acceptor can be found in the "program setup" section in the System 500 or System 500E owners manual). Check for proper operation by inserting at least one bill of each denomination that the note acceptor has been programmed for.