

Merchant Validator



Simple Validation

The SST Merchant Validator is an off-line, non-powered

device that allows parking facilities to offer time, fee and/or percentage discounts for up to 624 merchant accounts.

To validate a ticket, the store attendant simply inserts the SST ticket into the mechanism and manually depresses the handle, which encodes the merchant information onto the ticket for the predetermined discount.

When the validated ticket is fed into an SST Ticket Validator or Automatic Pay Station, the SST Transport reads the ticket and sends the discount data to the Auditor PowerPad Fee Computer. The Auditor PowerPad then processes the merchant and fee discount information, eliminating the need to manually enter the information.

Validated Ticket

The mechanical, hand operated device is designed to punch a coded series of machine-readable holes through an SST ticket with steel pins located inside the device in a 4x4 matrix. Each Merchant Validator has a hole pattern (some used, some not) configured for the merchant and parking fee discount.

In addition to these holes, the mechanism also applies a man-readable three-digit ink stamp to the ticket. The hole pattern and the ink stamp both correspond to a three-digit number, which uniquely identifies the unit.

Multiple Validations

Each ticket is capable of accepting as many as four different validations in what are called validation "zones." Each Merchant Validator is capable of applying a single validation to any one of four zones per ticket.

Versatile Uses

There are many conceivable scenarios in which the Merchant Validator could be used, such as shopping malls with controlled parking, downtown retailers, universities, hospitals, and more.

As a patron makes a purchase, the cashier takes the ticket, inserts it into the Merchant Validator, advances it to the next available validation zone and punches the code into the ticket while imprinting the ticket with an ink stamp. This provides the ability of any merchant to offer a unique incentive to patrons for discounted parking.

The patron can collect as many as four validations per ticket. At the exit or point of payment, the patron's ticket with the validations is read by an SST/HP-1 or HP-4 Transport. The validation data is read and sent to a processing terminal where the validations are interpreted and applied to the parking fee.

Features:

- Manually operated device provides time, fee and/or percentage discounts
- 624 merchant accounts available
- Up to 4 validations per ticket
- Reliable service for long periods of time without any special maintenance
- Durable metal housing with stainless steel pins
- Ink stamp assembly with 3 pre-inked stamp modules
- Hole pattern provides encrypted code



Simple to use parking validation



FEDERAL APD

Federal Signal Corporation

Merchant Validator Specifications

1. Purpose

The Federal APD SST Merchant Validator shall be a non-powered, hand-operated device that punches a coded series of holes into a parking ticket in a pattern that corresponds to a merchant account. At the same time, the Merchant Validator stamps a number on the parking ticket that corresponds to the hole pattern. The hole pattern shall be read by the Federal APD SST/HP-1 or HP-4 Transport, which sends the information to the Auditor PowerPad Fee Computer, which processes merchant parking fee discount information.

2. Features.

- a. The Merchant Validator shall punch the coded series of holes and print the ink stamp on the parking ticket when the Merchant Validator handle is pressed.
- b. The Merchant Validator shall have four positions, allowing it to place a validation at four different locations on the parking ticket.
- c. The Merchant Validator shall accommodate 999 possible merchant accounts.
- d. The ink stamper shall print a three digit number on the parking ticket, corresponding to the hole pattern.
- e. The Merchant Validator shall have a five digit non-resettable transaction counter that advances by 1 digit with each validation transaction. When the counter reaches 99999, the next transaction shall begin at 00000.
- f. The base of the Merchant Validator shall hold the paper punched out of the tickets and have an opening where the paper can be emptied from.

3. Dimensions.

- a. The Merchant Validator shall be 4.45 inches W x 3.38 inches H x 8.00 inches D (113 mm W x 85.9 mm H x 203.2 mm D).

4. Construction.

- a. The Merchant Validator base and handle shall be constructed of anodized aluminum.
- b. The Merchant Validator shall have between one and 16 stainless steel pins in a 4 x 4 matrix, the number and placement of pins corresponding to the code established for the merchant account.
- c. The Merchant Validator ink stamper shall be constructed of a pre-inked sponge capable of several thousand impressions.
- d. The Merchant Validator ink stamper shall be capable of being re-inked and easily accessible for re-inking and inspection.
- e. The Merchant Validator shall have four rubber feet on the base plate.



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