



CARDLOCK VENDING

Card Encoding Information for CardMaster

DATA STRING CardMaster (original):
II,XXXX,CCCC,MM/DD/YY,HH:MM,T,N,P,EEEEEE,QQQQQQ
or

Data String CardMaster II (optional added fields)
II,XXXX,CCCC,MM/DD/YY,HH:MM,T,N,P,EEEEEE,QQQQQQ,HHHHHH,JJJJJJ,KKKKKK

WHERE:

- II = Site Identity Code (00 to 99)
- XXXX = TRANSACTION NUMBER (0001 - 9999)
- CCCC = CARD NUMBER
- MM/DD/YY = DAY, MONTH, YEAR
- HH:MM = TIME - 24 HOUR CLOCK
- T = TRANSACTION STATUS CODE
- N = HOSE NUMBER (1 through 9)
- P= PRODUCT CODE
- EEEEEE = EMPLOYEE, VEHICLE, OR ODOMETER
- QQQQ.QQ = QUANTITY IN UNITS
- HHHHHH = data in 1st Misc field
- JJJJJJJJ = data in 2nd Misc field
- KKKKKKK = data in 3rd Misc field

Site	Transaction Number	Card No	Date	Time	Transaction Type	Hose Number	Product No	Misc 1 Odometer	Gallons	Misc 2 Tractor	Misc 3 Reefer	Misc 4 Job No.
1	17	1	7/2/2003	13:37	1	1	1	123456	16.9	XXX850	XXXX80	404451
1	18	2	7/2/2003	13:41	1	1	1	125879	5.2	XXX85	XXXX80	X89999
1	19	432	7/3/2003	15:44	1	2	2	894494	84.3	XXX164	XXXXXX	XXXXXX
1	20	214	7/4/2003	4:30	1	1	1	23145	23.4	XXXX12	XXXXXX	XXXXXX

Sample data CardMaster-II transactions

Continued on next page

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Card Encoding Information for CardMaster

CARD LAYOUT:

; SSSSCCCCEMMYYQQQRR :

WHERE:

; = START SENTINEL

SSSS = SYSTEM ID

CCCC = CARD NUMBER

E = ENTRY CODE

MMYY = EXPIRATION DATE (0000 = NONE)

QQQQ = QUANTITY LIMIT IN UNITS (0000 = NONE)

RR= PRODUCT AUTHORIZATION CODES (00 = NONE)

: = END SENTINEL

Entry Codes
(field label max
9 characters)

0 = Don't Request Entry
1 = Odometer
2 = Employee#
3 = Vehicle #
4 = Misc #
5 = User Defined
6 = User Defined
7 = User Defined
8 = User Defined
9 = User Defined

Transaction Status Codes:

0 = Normal
1 = User Time Out
2 = No Pulse Time Out
3 = No Handle Time Out
4 = Invalid PIN
5 = Quantity Limit
6 = Operator Choice
7 = Operator Choice
8 = Operator Choice
9 = Operator Choice

Product Authorization Codes:

00=No products are restricted
1 = Product 1 authorized
2 = Product 2 authorized
3 = Product 3 authorized
4 = Product 4 authorized
5 = product 5 authorized
6 = product 6 authorized
7 = product 7 authorized
8 = product 8 authorized
9 = product 9 authorized

Note: Cardlock Vending uses low coercivity cards.

Note: When encoding the product authorization it is only the first character that prompts the CardMaster to authorize products. A "00" means all products. A "01" also means all products as the "0" is the code to CardMaster as to product authorization. To properly restrict access to Only product "1" the entry on the card must be "10". For access to products 1 & 2 the card must be encoded "12", or "21".