Custom Bar Code Printing

For the XL 300/DD FirstData Corp.   Part No. BBF-106150 Rev *

This document is supplemental to the information in the XL 300 Operator Manual, Chapter 4, and replaces the information in Section 4.6.3.

Bar Code Printing

In order to use bar code printing capabilities, Feature 70 must be set to 1. Setting Feature 70 to 0 will disable bar code capabilities. Feature 70 must be set to 0 whenever the user is not printing bar codes. The command sequence to print medium resolution, Code 39 bar code is as follows:

        ^B D B d d d .... d ^G

The command sequence parameters are described below.

^B   Required two character entry sequence. (Not Control B)

D   This parameter normally determines the type of readable character that is printed under the bar code. This character must be included in the command even though readable characters under the bar code are not available in the application.

B   Code 39 Medium Resolution. This bar code is printed at 100 dots per inch horizontally by 72 dots per inch vertically.

ddd...d   Bar code data to print. Characters other than those supported by Bar Code 39 are ignored.

^G   Required two character sequence terminator. (Not Control G)

The printer automatically inserts a start and stop character when printing bar codes. The command sequence ^BDB12345^G is printed as a sample bar code below.

Multiple Bar Code Printing

Multiple bar codes may be printed on the same line by embedding the sequence <ESC n> between the data for each bar code. The sequence <ESC n> is used to space the bar code sequences horizontally in 1/100 inch increments. The variable "n" is sent as an ASCII character. The spacing between the bar code sequences is equal to the decimal value of the ASCII character divided by 100. The sequence <ESC n> is placed between the bar code data as follows:

```
LPRINT "^BDB12345";CHR$(27)"267889^G"
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In the example above, the ASCII character 2 (decimal 50), is sent for "n". The resultant spacing 50/100 inches. The value for "n" may vary from 0[D] to 255[D].