

Installation Instructions

*P/N 1-960364-02
Edition 3
September 1998*

EasyCoder 401/501/601 Scalable Fonts Kit

 **ntermec**

A **UNOVA** Company

EasyCoder 401/501/601 – Installation Instructions

SCALABLE FONTS KIT

Introduction

Some *EasyCoder 401*, *EasyCoder 501* and *EasyCoder 601* printer models can be fitted with an optional firmware package, that allows the printer to use scalable outline fonts in *Speedo* and *TrueType* formats.

The kit consist of two EPROM's and a GAL circuit. The EPROM's contain a selection of outline fonts and software for scaling them, whereas the GAL circuit is necessary for the printer to use the firmware.

Speedo and *TrueType* are standard outline font formats for personal computers developed by *Bitstream, Inc.* and *Apple Computer, Inc.* respectively. There are thousands of different fonts available from *Intermec* at a low cost. The fonts come as files in PC format and can be downloaded to the printer via the Kermit communication protocol or be copied to a memory card, which is inserted in the printer's optional memory card adapter.

The *Intermec Fingerprint* statement FONT converts the selected outline font according to the specified characteristics to a bitmap font format (.ATF), after which it can be used as any other .ATF bitmap font (also see *Intermec Fingerprint 6.13 Reference Manual*).

The *Intermec Shell* start-up program for *Enhanced* printer models offers another convenient way of scaling outline fonts. When a Scalable Fonts kit is installed in an *Enhanced* printer, additional menus will be displayed in *Intermec Shell*.

The Scalable Fonts Kit consist of:

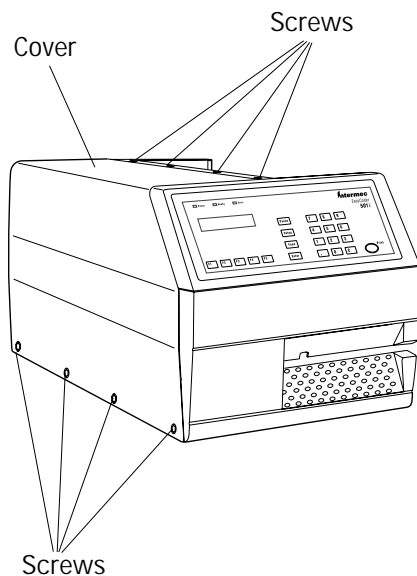
- 2 EPROM packages (256 kbyte each) containing the software for scaling outline fonts plus a selection of outline font files.
- 1 GAL circuit.

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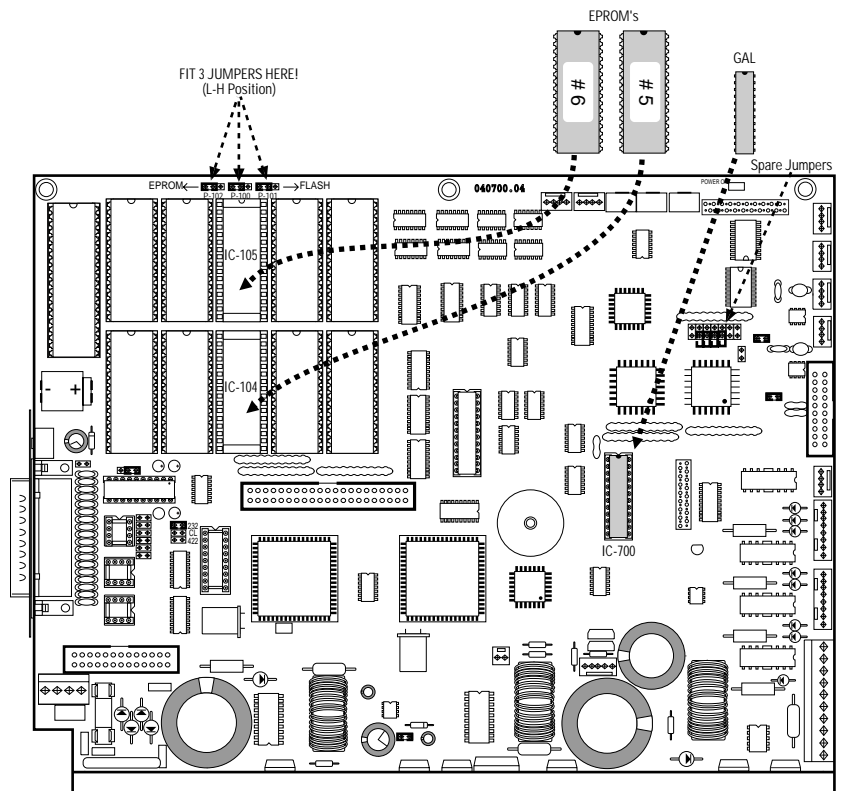
SCALABLE FONTS KIT, cont'd.

Step-by-Step Installation Instructions



To install a Scalable Fonts Kit in an *EasyCoder 401/501/601* printer, proceed as follows:

- Turn off the power, and disconnect the power cord.
- Open up the electronics compartment by removing the six or eight #T10 Torx screws that hold the left-hand cover (see illustration to the left).
- Remove the existing GAL circuit on IC-700 on the CPU board and replace it with the smallest of the circuits included in the kit. The small semi-circular mark must face upward.
- Fit the two EPROM packages in the sockets IC-104 and IC-105 on the CPU board:
 - Fit the package marked “# 5” in socket IC-104.
 - Fit the package marked “# 6” in socket IC-105.In both cases, the semi-circular mark must face upward.
- Inspect the circuits you have fitted for bent legs. If necessary, remove the circuit and refit it.
- Fit three jumpers on the **left** pair of pins on P-100, P-101, and P-102 on the CPU board. Spare jumpers are fitted on P-9.
- Put back the left-hand cover, connect the power cord, and turn on the power.



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SCALABLE FONTS KIT, cont'd.

Printout Samples

The following 10 scalable outline fonts in *Speedo* format are stored in the EPROM's of the Scalable Fonts Kit. All characters from ASCII 32 through 254 decimal according to the Roman 8 character set are included.

UBI0003.SPD Bitstream Swiss 721 0003 Roman	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0005.SPD Bitstream Swiss 721 0005 Bold	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0010.SPD Bitstream Swiss 721 0010 Bold Condensed	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0011.SPD Bitstream Dutch 801 0011 Roman	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0013.SPD Bitstream Dutch 801 0013 Bold	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0138.SPD Bitstream Futura 0138 Light	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0414.SPD Bitstream Letter Gothic 12 Pitch 0414 Roman	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345
UBI0596.SPD Bitstream Monospace 821 0596 Roman	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog
UBI0598.SPD Bitstream Monospace 821 0598 Bold	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog
UBI0959.SPD Bitstream Zurich 0959 Extra Condensed	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG the quick brown fox jumps over the lazy dog 012345

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NOTES

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