Installation Instructions

P/N 1-960350-06 Edition 5 September 1998

EasyCoder 401/501/601 Label-Taken Sensor Kit



A **UNOVA** Company

EasyCoder 401/501/601 – Installation Instructions

LABEL-TAKEN SENSOR KIT

General Information

Note:

Illustrations show an EasyCoder 501. The principles for fitting this optional equipment in an EasyCoder 401, EasyCoder 401 Linerless, or EasyCoder 601 printer are similar.

The label-taken sensor excludes the fitting of a paper cutter and vice versa.

This booklet contains instructions on how to install the Label-Taken Sensor Kit (LTS) on *EasyCoder 401*, *EasyCoder 401* Linerless, *EasyCoder 501*, and *EasyCoder 601* printers. Installation should preferably be performed by an authorized service technician.

For information on how to use the label-taken sensor, please refer to the Technical Manual for *EasyCoder 401*, *EasyCoder 401 Linerless*, *EasyCoder 501*, or *EasyCoder 601* respectively.

The Label-Taken Sensor Kit consists of:

- One Reflecting Sensor assy. with cable and connector
- · One Sensor Bracket
- One Screw
- This Installation Instructions booklet

The only tools needed are #T10 and #T20 Torx screwdrivers and a small non-conductive flat-tipped screwdriver.

Preparation Before Installation

- ☐ Make a simple *Fingerprint* program that checks the status of the LTS, e.g.:
 - 10 BREAK 1,88
 - 20 BREAK 1 ON
 - 30 FORMFEED
 - 40 IF (PRSTAT AND 2) THEN BEEP
 - 50 GOT0 40
 - 60 END

RUN

You can break this program by transmitting the character **X** (ASCII 88) decimal on the standard serial interface "uart1:".

EasyCoder 401/501/601 Label-Taken Sensor Kit Installation Instructions Edition 5, September 1998 Part No. 1-960350-06 Information in this manual is subject to change without prior notice and does not represent a commitment on the part of Intermec Printer AB.

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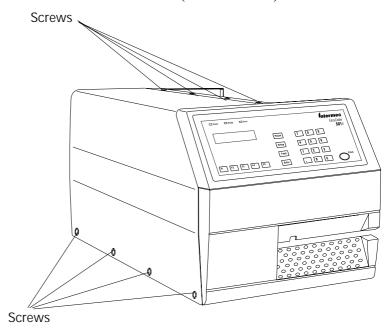
Torx is a registered trademark of Camcar Division of Textron Inc.

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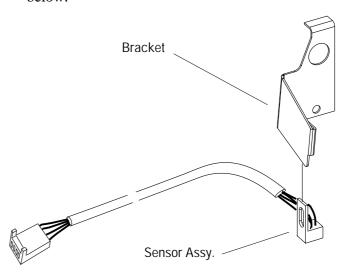
LABEL-TAKEN SENSOR KIT, cont'd.

Step-by-Step Installation Instructions

- ☐ Turn off the power. For double security, pull the power cord out of the mains receptacle at the rear plate of the printer.
- □ Open the right-hand door.
- □ Open the front hatch.
- ☐ Using a #T10 Torx screwdriver, remove the six or eight screws that hold the left-hand cover (see illustration).



- □ Remove the cover.
- ☐ Press the reflecting sensor assembly into the bracket as illustrated below.



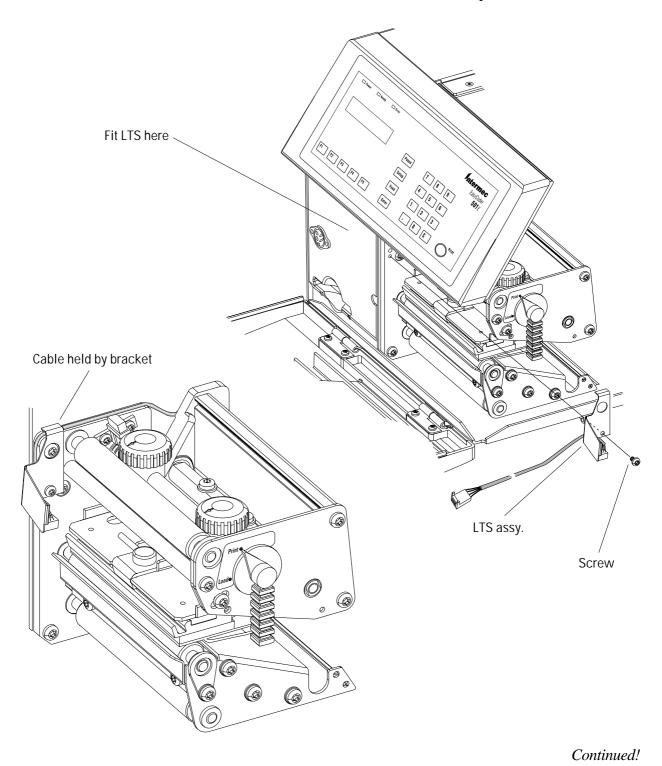
Continued!

EasyCoder 401/501/601 – Installation Instructions

LABEL-TAKEN SENSOR KIT, cont'd.

Step-by-Step Installation Instructions, cont'd.

☐ Using the screw included in the kit, fit the sensor/bracket assembly to the inner wall of the printer unit as shown by the two illustrations below. Fit the cable underneath the top part of the bracket, as illustrated in the second picture.

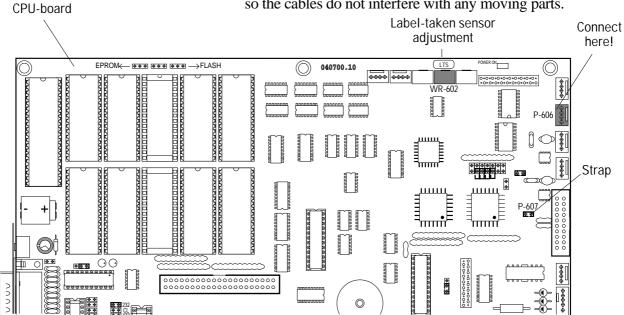


EasyCoder 401/501/601 - Installation Instructions

LABEL-TAKEN SENSOR KIT, cont'd.

Step-by-Step Installation Instructions, cont'd.

- □ Slip the cable of the label-taken sensor through the hole in the centre-line wall of the printer into the electronics compartment.
- ☐ Connect the cable to **P-606** on the CPU board, see below. In case of an *EasyCoder 401 Linerless* printer, first remove the cable to the cutter interface connector already fitted on P-606. Be careful so the cables do not interfere with any moving parts.





CAUTION! High Voltage



The LTS must be adjusted with the power on. To avoid the risk of electrical shock or short-circuits, use non-conductive tools only. Keep your fingers away from the area behind the CPU board, where the mains inlet and switch are situated.

- ¹/. In EasyCoder 401 Linerless printers, the strap is usually fitted on just one of the pins of P-607. Move the strap so both pins become interconnected.
- ²/. If adjustment by means of the potentiometer is not sufficient, a strap on P-607 on the CPU board allows the intensity of the LTS light-emitter to be changed: Strap fitted: High intensity (default) No strap: Low intensity

- ☐ Check that a strap is fitted on both pins of **P-607**¹.
- ☐ Insert the power cord and turn on the power.
- ☐ Adjust the sensitivity of the label-taken sensor by means of the potentiometer **WR-602** on the CPU board:
 - Start up *Fingerprint* and run the program described on page 1. Leave the label in the outfeed slot to create a label-not-taken condition.
 - The printer should start to beep continuously. If not, turn the potentiometer back and forth until the beeping starts.
 - Adjust the potentiometer so the beeping does not stop when the screw is turned a quarter of a turn in either direction.
 - Remove the label. The beeping should cease immediately.
 - If necessary, readjust the potentiometer².
 - Break the program by typing **X** on the host.
- ☐ When the label-taken sensor works properly, put back the left-hand cover and close the front hatch and right-hand door. Then the printer is ready for operation.