

Installation Instructions

*P/N 1-960411-02
Edition 3
September 1998*

EasyCoder 501/601 Sensor Kit

 **ntermec**

A **UNOVA** Company

EasyCoder 501/601 – Installation Instructions

SENSOR KIT

Introduction

Intermec offers a kit containing two sensors, that detect the rotation of the paper supply spool and the ribbon unwind shaft and update two counters, one for each sensor. By means of custom-made application programs, the counters can be read and used for indicate paper-low and ribbon-low conditions (as opposed to out-of-paper-out and out-of-ribbon conditions, which are supported by the standard error handling). See SYSVAR system array in *Intermec Fingerprint 6.13 Reference Manual*¹.

The Sensor Kit is available for the following printer models:

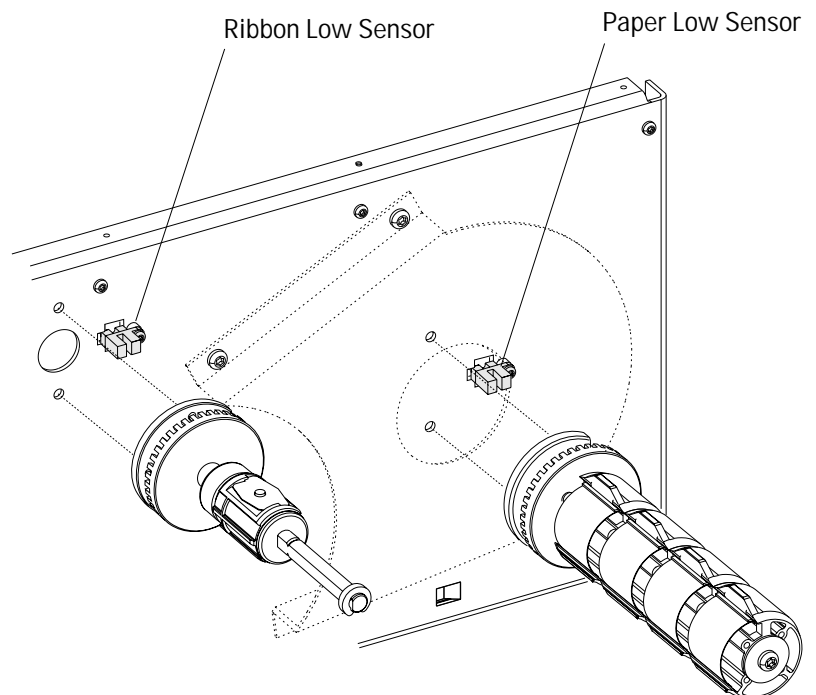
| Model | Ribbon Low Sensor | Paper Low Sensor |
|------------------|-------------------|------------------|
| EasyCoder 501 E | yes | yes |
| EasyCoder 501 SA | yes | yes |
| EasyCoder 601 S | yes | no |
| EasyCoder 601 E | yes | yes |

The sensor kit consists of two photo-electric sensors and two #T10 Torx screws.

The sensors require no regular cleaning. However, should any malfunction be detected, you may try to blow the sensor clear from dust or paper residue before replacing it.

The sensitivity of these sensors cannot be adjusted.

¹/ The system variable SYSVAR reads the counters as follows:
SYSVAR (12) reads the paper counter
SYSVAR(13) reads the ribbon counter

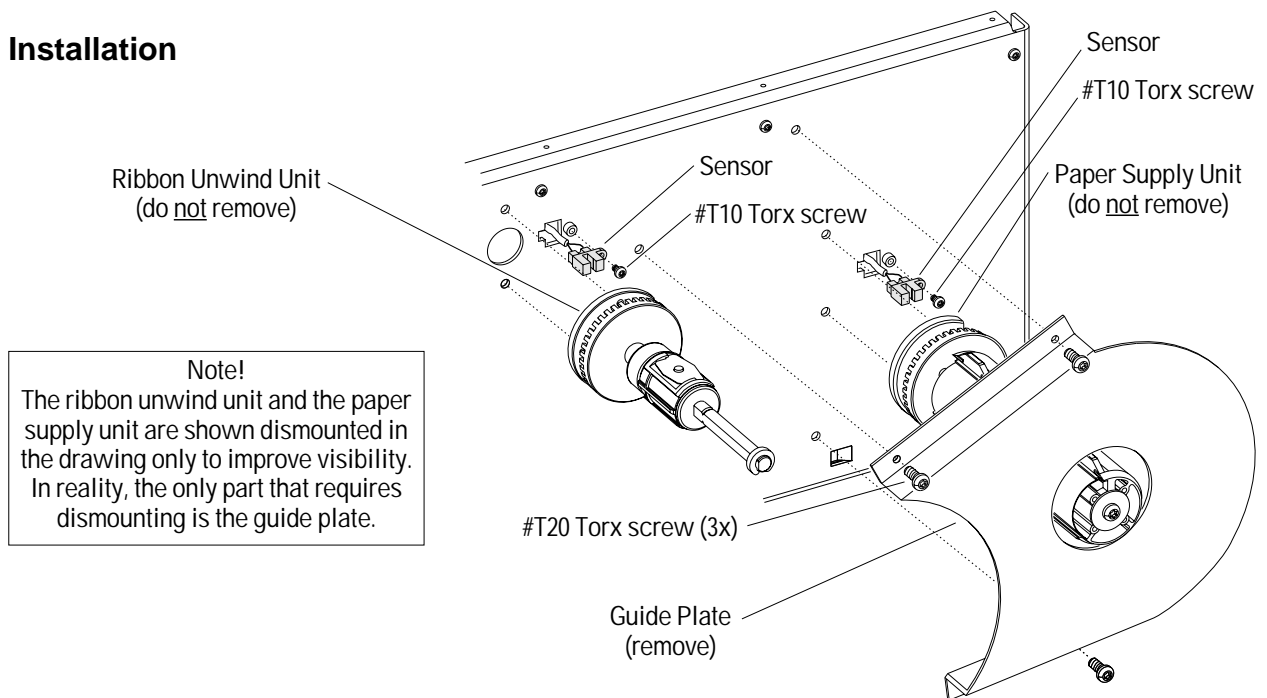


The illustration shows the sensor kit fitted on an EasyCoder 501 E printer.

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SENSOR KIT, cont'd.

Installation



Ribbon Low Sensor

- Open the right hand door.
- Turn off the power and remove the left-hand cover.
- From the paper compartment side, insert the connector and cable through the square hole in the centre-line wall.
- Insert the sensor under the code disk of the ribbon unwind unit so the disc will run in the U-shaped slot between the receiver and transmitter.
- Attach the sensor to the centre-line wall by means of one #T10 Torx screw. Check that the code disc can rotate freely.
- Connect the cable to connector **P-605** at the top of the CPU board (marked ①).
- Continue by fitting the paper low sensor.

Paper Low Sensor

- Remove the three #T20 Torx screws holding the large crescent-shaped guide plate that surrounds the paper supply unit. Remove the guide plate.
- Fit the sensor under the code disc of the upper supply unit using the same method as with the ribbon low sensor.
- Connect the cable to connector **P-602** at the top of the CPU board (marked ②).
- Fit back the guide plate and the left-hand cover.