PRINTER SENSOR SETTING

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1. INTRODUCTION

Printer labels sensor require a datum to start measurements from, figures 1 and 2 show two examples of cut out sensor registration notches.

The central sensor registration notch shown in Figure 1, can be used for printers equipped with a fixed central label sensor, and printers equipped with a movable label sensor.

TE printer models T208M or T212M have a fixed central label sensor so it is necessary to print labels with only central sensor registration notches (example shown in Figure 1).

The current range of TE printers (T200-Ident, TE3112, TE3124 and T312Mi) are equipped with movable label sensor so can be adjusted to both examples of sensor registration notches shown in Figures 1 & 2. Moveable printer sensor adjustment guidance is given in section 2.
2. MOVABLE LABEL SENSOR ADJUSTMENT

All new TE Printers will arrive with the Label sensor positioned in the middle, as shown in the example shown in Figure 3.

![Figure 3, Label sensor in central position (Small yellow light)](image)

In the case of labels with the side sensor registration notch, the Label sensor needs to be adjusted as in the example of Figure 4.

![Figure 4, shows the Label sensor adjusted to correctly register the label position](image)

The small yellow light shows the area of label sensor detection.
2.1. T200-IDENT-PRINTER SENSOR ADJUSTMENT


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4.3 Adjusting the Media Sensor

Notice!
When the printer is delivered the media sensor is positioned in the middle of the media feed. Thus, the media sensor must only be adjusted if:

- media with reflex or cut-out marks, which are not in the middle,
- multi-strip media with an even number of strips,
- media with irregularly shaped labels are used.

Fig. 9 Adjusting the Media Sensor

The sensor position (3) is marked with a yellow LED in the sensor retainer.

1. Press the sensor adjustor knob (1) using a pointed object, enabling the spring loaded sensor adjuster knob to be presented outside of the housing.
2. Position the sensor (3) by turning the knob (1) so that the sensor can detect the front edge of the media in the direction of paper flow or the reflex or cut-out mark.
3. Push the sensor adjustor knob (1) back into the housing using a pointed object until it snaps into place.

2.2. TE3112/TE3124-PRINTERS SENSOR ADJUSTMENT

Please consult the Printer Operator’s Manual to make any sensor adjustments. 

Excerpt 2, from the TE document 412-121026 & 412-121024, “TE3112 & TE3124 Operator’s Manual”, Section 4
3. NON-MOVABLE LABEL SENSOR

3.1. T208M/T212M-PRINTERS SENSOR REQUIREMENTS
The discontinued TE printers T208M (200DPI) and T212M (300DPI) are equipped with only a fixed label sensor, fixed in the central position.
4. LABEL SENSOR POTENTIAL ISSUES

4.1. Label sensor not adjusted to a sensor registration notch

If the label sensor is not adjusted to the sensor registration notch, the sensor will detect the leading edge of the label. The printer will then print onto the clear lamination according to the template dimensions in the software.

Figure 9, sensor not adjusted to side notch

4.2. Label sensor adjusted between labels

If the sensor is adjusted between the labels, approximately, 100cm of labels will transport through the printer stopping with a paper out error message.

Figure 10, sensor positioned between labels

Figure 11, Error message