

## Detect the Registration Mark for Adjustment on the Media and Enter the Value

Method to enter the adjustment value, which is the difference between the scanned registration mark on the media and the cutting position, is described here.

### Supplement

Plot the registration mark before going to following steps if there is no registration mark written on the media. See "Adjust After Plotting the Adjustment Registration Mark" [P.5-24](#) to plot registration marks.

## Operation

1 Load the media with adjustment registration mark in the plotter.

### Supplement

See "Loading Media (Paper or Marking Film)" [P.2-6](#) for loading the media.

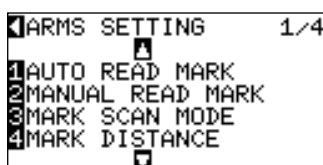
2 Press the **[MENU]** key.

►MENU screen is displayed.



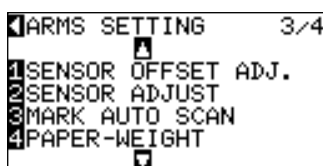
3 Press the **[2]** key (ARMS).

►ARMS SETTING screen (1/4) is displayed.



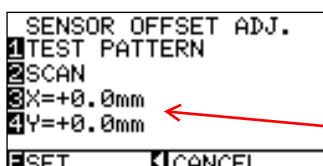
4 Press the **POSITION (▼)** key twice.

►ARMS SETTING screen (3/4) is displayed.



5 Press the **[1]** key (SENSOR OFFSET ADJ.).

►SENSOR OFFSET ADJ. setting screen is displayed.



Maximum:  $\pm 3.0\text{mm}$  ( $\pm 0.118$  inch)

### Supplement

It will return to ARMS setting screen (3/4) without changing the settings when you press the POSITION (◀) key (CANCEL).

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Press the [2] key (SCAN).

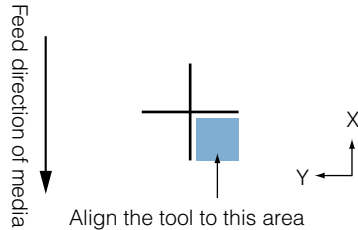
►Following message is displayed.



7

Press the **POSITION** (▲▼◀▶) key and move the tool carriage to the area to start scanning of the registration mark.

Registration mark scan area



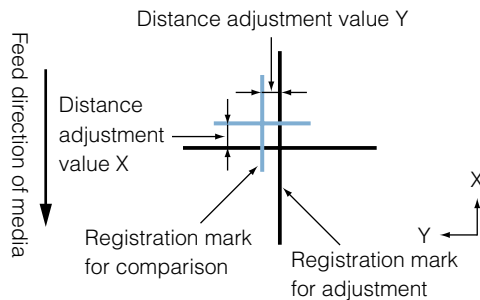
#### Supplement

The tool carriage will move faster when the [FAST] key is pressed simultaneously with the POSITION key.

8

Confirm the position of the tool, and if it is OK, press the [ENTER] key.

►The registration mark for comparison is plotted after scanning the registration mark (see below). It will return to SENSOR OFFSET ADJ. screen once the plotting is completed.



#### Supplement

It will return to ARMS setting screen (3/4) without plotting when you press the [4] key (CANCEL).

9

Using the scanned registration mark for adjusting, measure the distance of how much the comparison registration mark needs to be moved so both will overlap, and record the value. As an example, in the figure above, it needs to move in negative directions for both X and Y directions, so both of the adjustment values will be a negative values.

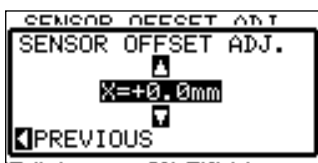
#### Supplement

Position of the registration mark is measured at the center of the line.

10

Press the [3] key (X).

►SENSOR OFFSET ADJ. X screen is displayed.

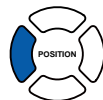


- 11 Press the **POSITION** (▲▼) key and increase or decrease the setting value. Set the X value measured in step 9.



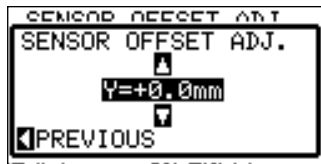
- 12 Confirm the setting and press the **POSITION** (◀) key (PREVIOUS).

►SENSOR OFFSET ADJ. is selected and it will return to SENSOR OFFSET ADJ. screen.

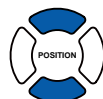


- 13 Press the [4] key (Y).

►SENSOR OFFSET ADJ. Y screen is displayed.

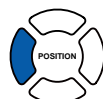


- 14 Press the **POSITION** (▲▼) key and increase or decrease the setting value. Set the Y value measured in step 9.



- 15 Confirm the setting and press the **POSITION** (◀) key (PREVIOUS).

►SENSOR OFFSET is selected and it will return to SENSOR OFFSET ADJ. screen.



- 16 Confirm the setting and press the [ENTER] key (SET).

►Setting will be set, and it will return to ARMS setting screen (3/4).

- 17 Press the [MENU] key.

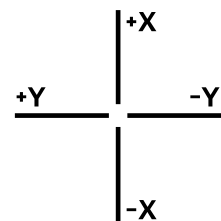
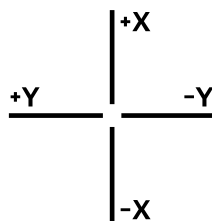
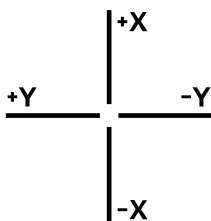
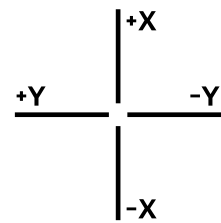
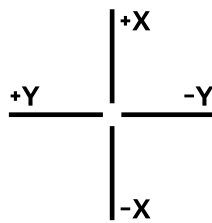
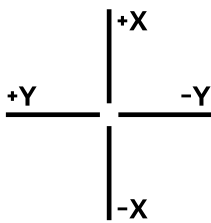
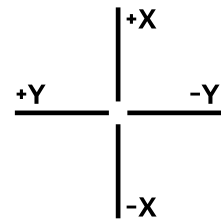
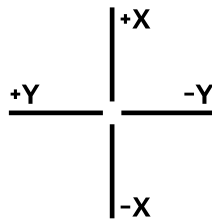
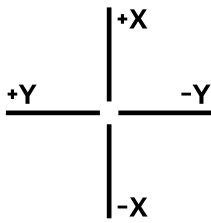
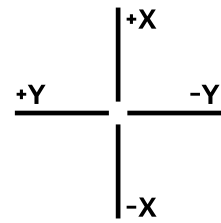
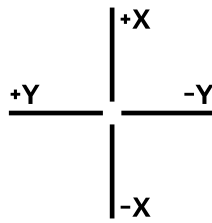
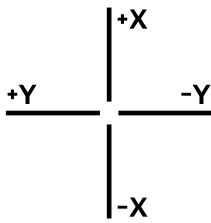
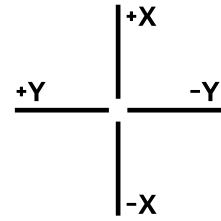
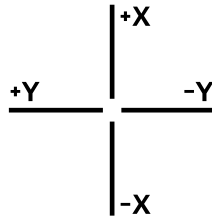
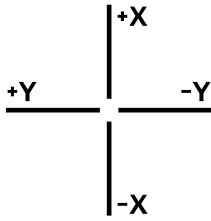
►It will return to the default screen.

### Supplement

It will return to ARMS setting screen (3/4) without changing the setting when you press the **POSITION** (◀) key (CANCEL).

# SENSOR OFFSET ADJUSTMENT

**(Method 1)**



**You should be able to read this page as it is coming out of the plotter**

