

4-8 TOOL / CROP MARK SENSOR POSITION ADJUSTMENT (Referential Time : 10min.)

[About TOOL/CROP MARK SENSOR POSITION ADJUSTMENT]

This adjustment is for calibrating the shifting in the relative positions of Tool and Crop Mark Sensor. If it is not adjusted, the cut position to the position of the detected crop mark becomes inaccurate, gap arises in the print and cut when auto detection of a crop mark is performed.

There are two adjusting ways prepared in this Mode, Manual and Auto.

We recommend to carry out the Manual Adjustment for the more accurate adjustment.

- 1 Turn on the sub power switch while pressing [◀], [▼] and [▶] keys to enter the SERVICE MODE.
Set the SV-GG media on the machine and lower the Pinch Rollers.

[◀], [▼], [▶] + POWER ON

[MENU] key

Menu ◀▶
SERVICE MENU ▶

[MANUAL ADJUSTMENT]

- 2 Select [TEST PRINT2] under the [CROP-TOOL ADJ.] menu.
Test Pattern will be printed and cut when the [ENTER] key is pressed.

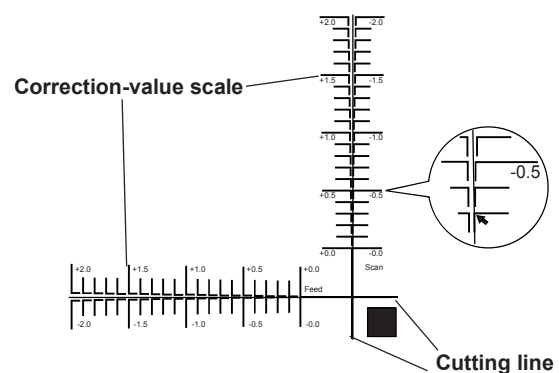
SERVICE MENU ◀▶
CROP-TOOL ADJ. ▶

CROP-TOOL ADJ. ◀▶
TEST PRINT 2 ◀

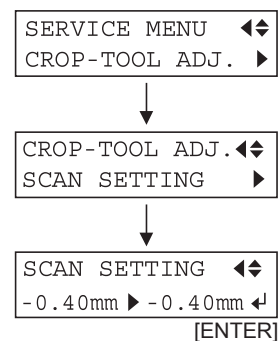
[ENTER]

- 3 From the Test Pattern, find the value where the printing line matches the cutting line.
In this case, the correction value for the scanning direction is "-0.3".

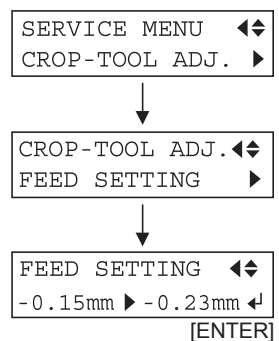
<TEST PATTERN>



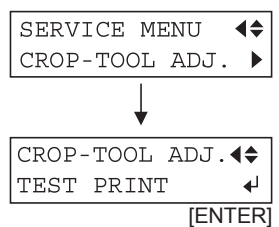
- 4** Select [SCAN SETTING] from the [CROP-TOOL ADJ.] menu and enter the correction-value found in the Test Pattern.



- 5** Select [FEED SETTING] from the [CROP-TOOL ADJ.] menu and enter the correction-value found in the Test Pattern.



- 6** Select [TEST PRINT] under the [CROP-TOOL ADJ.] menu.
Test Pattern will be printed and cut when the [ENTER] key is pressed.



- 7** If the cutting line is shifted from the printed image, fine adjust the error in Scan Direction and Feed Direction in the step **4** and **5**.

[AUTOMATIC ADJUSTMENT]

- 8** Setup the Vinyl Sheet (note : Vinyl should be black and the backing should be white.) on the Machine.

Turn on the sub power switch while pressing [◀], [▼] and [▶] keys to enter the SERVICE MODE.

[◀], [▼], [▶] + POWER ON

[MENU] key

Menu ◀↔
SERVICE MENU ▶

- 9** Select [AUTO] under the [CROP-TOOL ADJ.] menu.
Crop Mark will be cut when the [ENTER] key is pressed.

MENU ◀↔
SERVICE MENU ▶

SERVICE MENU ◀↔
CROP-TOOL ADJ. ▶

CROP-TOOL ADJ. ◀↔
AUTO ↵
[ENTER]

- 10** While the Vinyl is still set on the Machine, peel off the Crop Mark being cut when the message shown in the right figure is displayed on the LCD.
Then, press the [ENTER] key.

CROP-TOOL ADJ.
REMOVE CROPMARK ↵
[ENTER]

- 11** TOOL / CROP MARK SENSOR ADJUSTMENT will be done automatically.

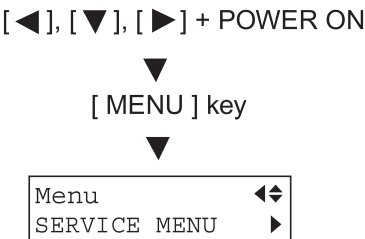
CROP-TOOL ADJ.
COMPLETED

4-9 PRINT / CUT POSITION ADJUSTMENT (Referential Time : 10min.)

[About PRINT / CUT POSITION ADJUSTMENT]

This adjustment is for calibrating the relative positions of printing and cutting.
If it is not adjusted, it could result in a problem that the cutting shifts from printing.
There are two adjusting ways prepared in this Mode, Manual and Auto.
We recommend to carry out the Manual Adjustment for more accurate adjustment.
Before doing this adjustment, perform [ENV. MATCH].

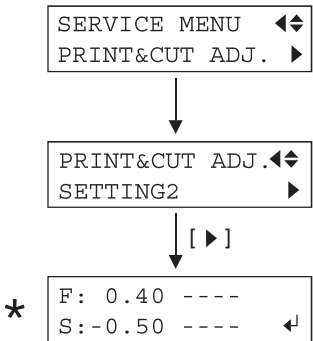
- 1
- Turn on the sub power switch while pressing [◀], [▼] and [▶] keys to enter the SERVICE MODE.
Set the SVG-G media on the machine and lower the Pinch Rollers.



- 2
- Select [SETTING 2] under the [PRINT&CUT ADJ.] menu and press the [▶] key to enter the menu in the right figure.



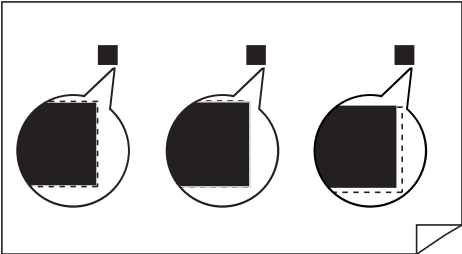
Three marks are not printed unless [TEST CUT] is pressed in the state of a screen*.



- 3
- Press the [TEST CUT] key to excute printing the Test Pattern. The marks are printed in the right edge, the left edge and middle of the media (Three position) and each frame of the marks is cut.



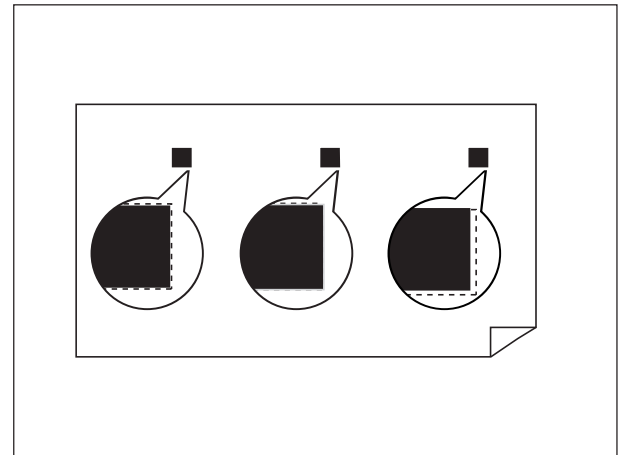
At this time, if the [TEST PRINT] key is pressed, the mark is printed in the right edge of the media (only one position) and a frame of the mark is cut.



4 Check the gap between the marks and cutting line.



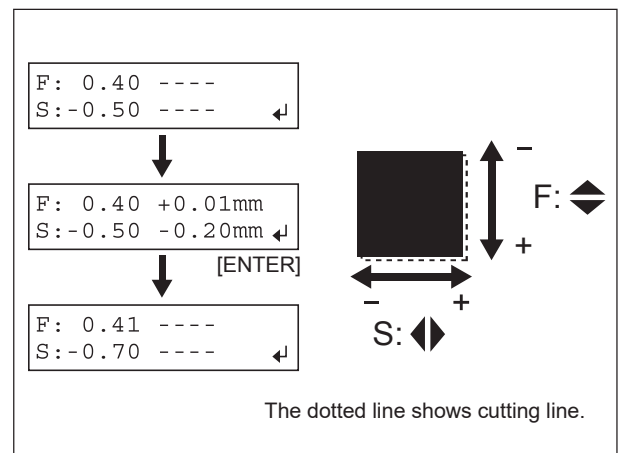
The gap of the print&cut might be different. depends on the position.



5 Input the values by pressing [▲], [▼], [◀] and [▶] keys to minimize the gap between the print and the cut at the 3 positions. An input is performed per 0.01mm unit. (cutting position moves by this operation) Press [ENTER] to save the adjustment value



To escape from the input screen of an adjustment value, press the [MENU] button. Please be careful that the adjustment value changes if the [▲], [▼], [◀] or [▶] key is pressed at this time.



6 For the check, press the [TEST CUT] key again and perform the printing of a test pattern. Check the mark printed / cut and gap of each mark and a cut line. Adjustment has been completed if the quantity of the gap in three points (the right, the left and middle) is the minimum. If you can still see the large gap, repeat the procedures 3-5.

