

#### 4-9 CROP MARK SENSOR ADJUSTMENT (Referential Time : 10min.)

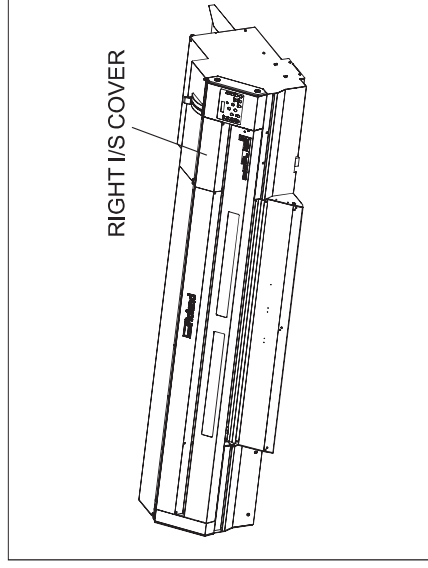
This adjustment is for adjusting the sensitivity of the CROP MARK SENSOR. If not adjusted, the crop marks cannot be read correctly and it results in a problem of the position error of the cut line to the print. This adjustment is required under following cases.

- CROP MARK SENSOR or TOOL CARRIAGE BOARD is replaced or adjusted.
- The VR for adjusting the voltage is unexpectedly moved.
- The distance between CROP MARK SENSOR and the bed surface is changed.

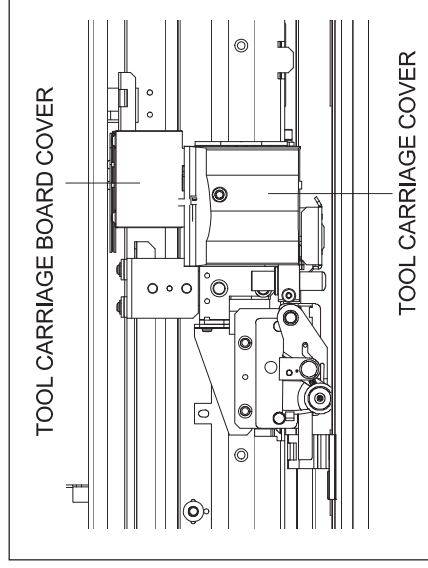
**The Pre-heater, Print Heater and Dryer must be off during this adjustment.**

When it needs to be adjusted for a user media, use the media instead of SV-G-1270G. However, in this case, the adjustment is to be optimized for the particular media and it may affect the crop mark detection on other media. The result of the crop mark recognition on Roland media is not assured, when any media other than SV-G-1270G is used for this adjustment.

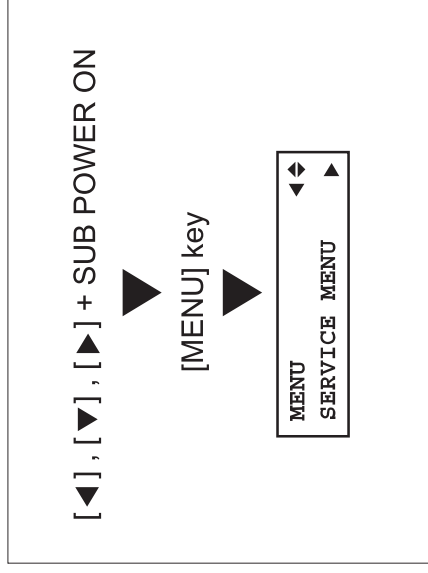
**1** Remove the RIGHT I/S COVER.



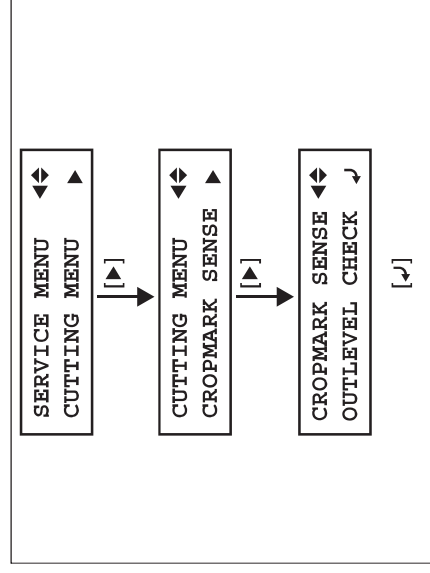
**2** Remove the TOOL CARRIAGE COVER and TOOL CARRIAGE BOARD COVER.



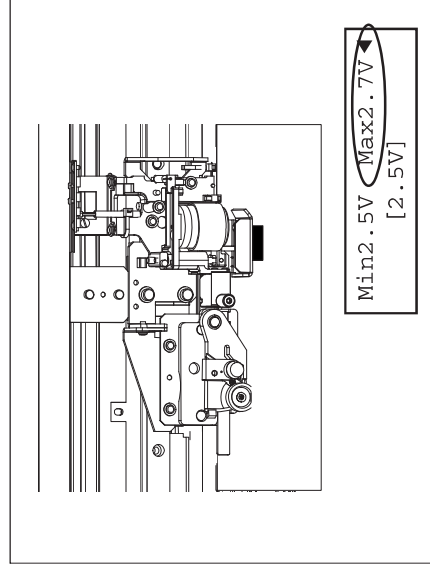
- 3** Turn on the sub power switch while pressing [◀]. [▼]. [▶] and [▶] keys to enter the SERVICE MODE.  
Setup the SV-G-1270G film on the machine.



- 4** Select [OUTLEVEL CHECK] under the [CROP MARK SENS] menu.  
Crop Mark will be printed when the [ENTER] key is pressed.



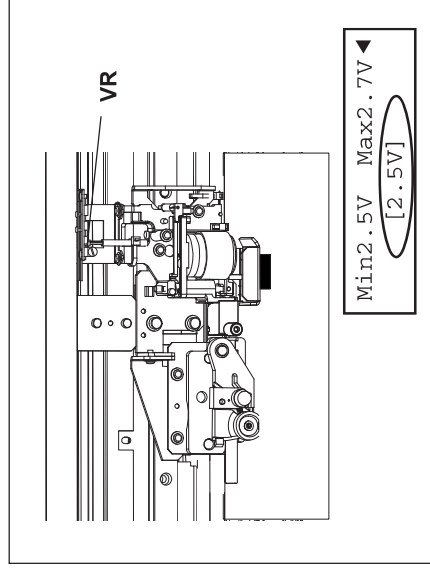
- 5** After printing a Crop Mark, the TOOL CARRIAGE moves to above the Crop Mark automatically.  
Adjustment is unnecessary when the displayed MAX voltage is 2.7 +/-0.2V.



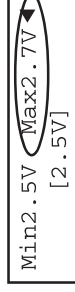
- 6** When the MAX voltage is not proper, see the voltage displayed with [ ] on the lower LCD. Adjust the VR on the TOOL CARRIAGE BOARD so that the voltage with [ ] changes to 2.7 +/-0.2V.



Due to the ink dry, the voltage displayed with [ ] decreases in time. This adjustment needs to be done quickly for smooth operation.



- 7** Perform [OUTLEVEL CHECK] again and confirm that the MAX voltage is proper.  
If it is out of range, repeat the adjustment.



Min2.5V    Max2.7V  
[2.5V]