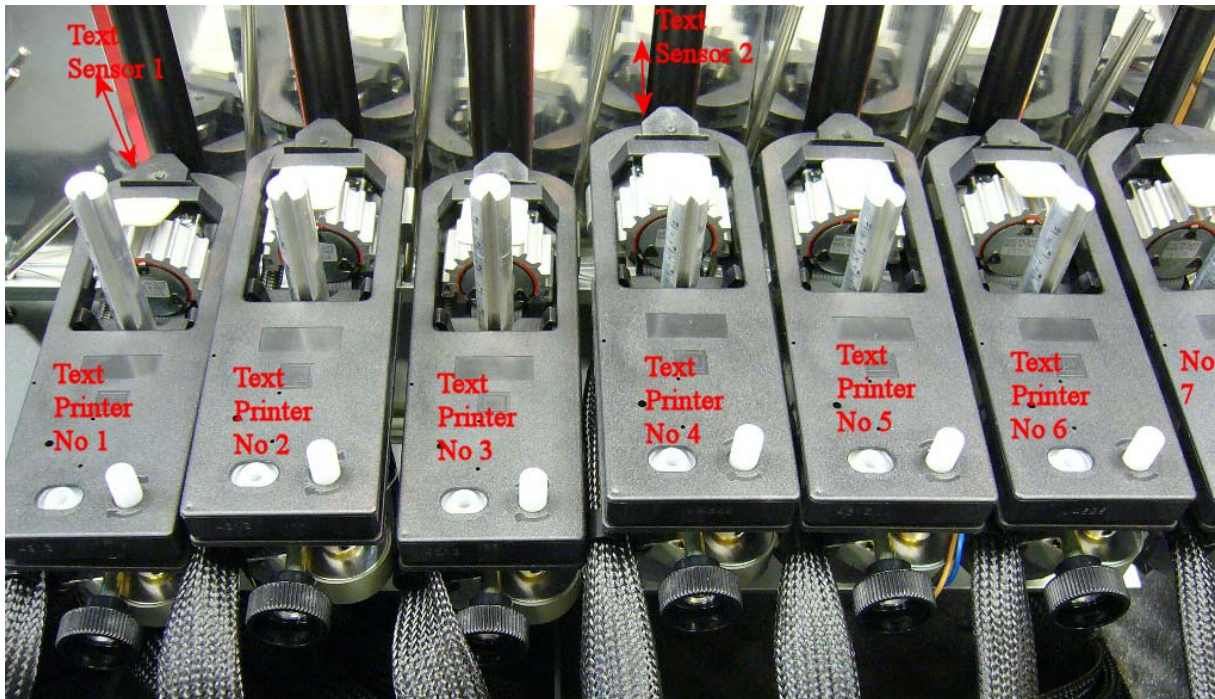


BP65 Text Module.



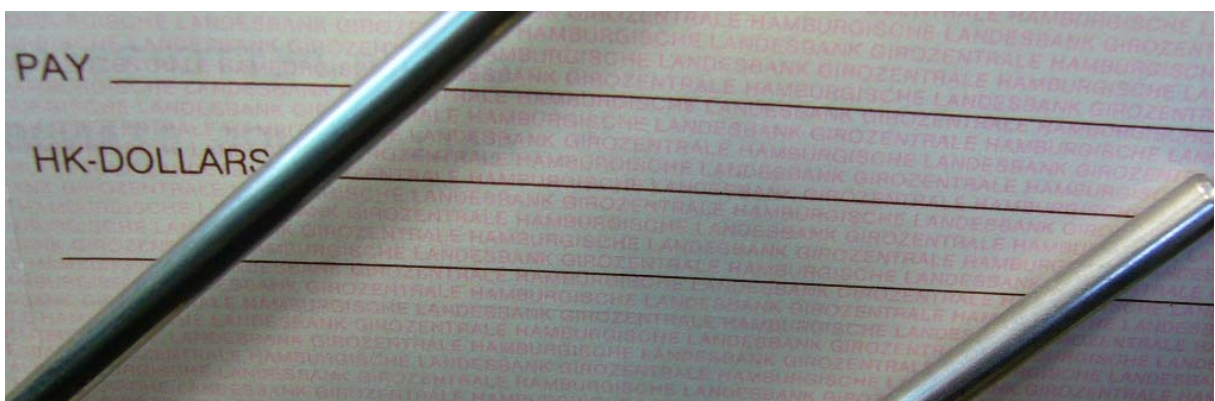
The text module consists of 7 print stations with dot matrix print head, to print various information on the cheques, as bank name, phone, fax, customer name, phone, or maybe serial number, bank branch number or account number.

In all documentation text printer no 1 is always counted from left side, in this module you also find 2 sensor's who is called text sensor no 1 and text sensor no 2.

Text sensor number 1 is valid for text print head number 1 to 4, and text sensor number 2 is valid for text printer number 5 to 7.

The text print head can be moved up and down, according to where you want to print on the cheque.

Tips, when you install the machine for the first time and set up the different text printers for the different document types you want to print, the cheque will have some lines where you want to print.



Example you want to print a name on the upper line.



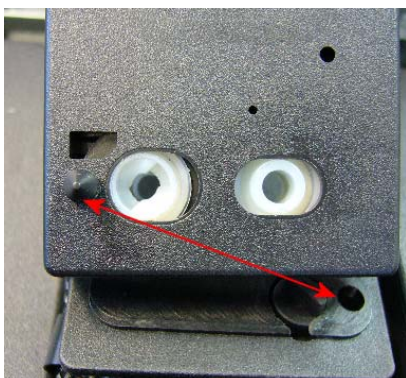
When you want to find out which height you need to adjust the printer, to print on the upper line it could be difficult to see when you have the ribbon in place as shown on the image above.

However, if you manually enter the cheque in front of the text printer, and have removed the Text ribbon, it would be much easier to see which height you need.



See the red lines, that indicate the height of the print head, and the needles will be in the middle of this line, so by adjusting the height of the printer as shown in the picture you will get a line printed just above the line on the cheque.

Change Text Ribbon.



The text ribbon bracket has a hole and the text ribbon has a small pin that fits the hole.



Make sure that the pin goes into the hole in the ribbon bracket, then just press down and the ribbon will be in place.

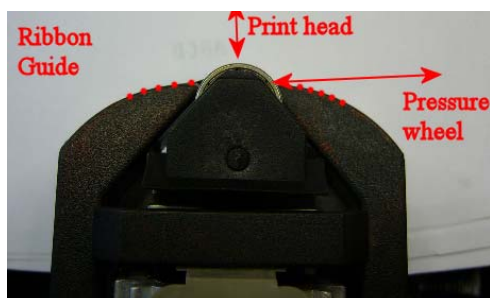
To remove, pull the print head a little backward and take the Grey lip and remove the ribbon.

IMPORTANT

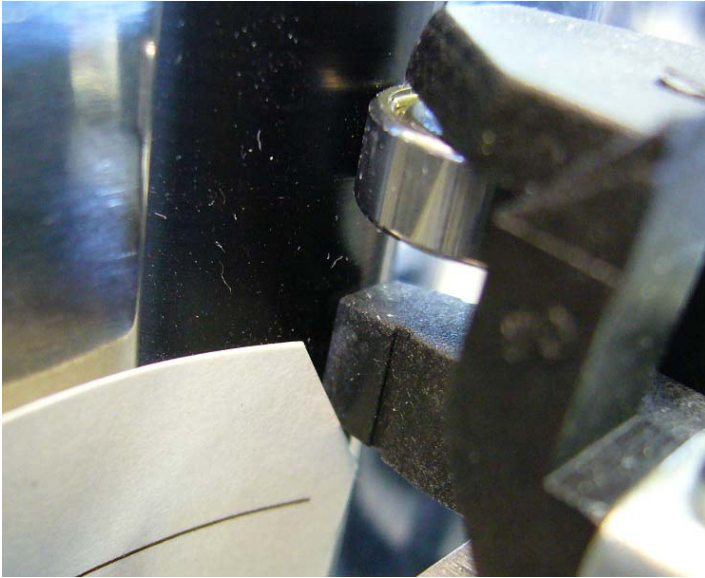
I know that many places they do not use the entire 7 text printer's, so people in the bank will remove a text ribbon to save cost. **Please not do that.**

Reason: The text ribbon itself work as a guide for the cheque. If the text ribbon is removed, most likely you will experience a lot of paper crash in the text module.

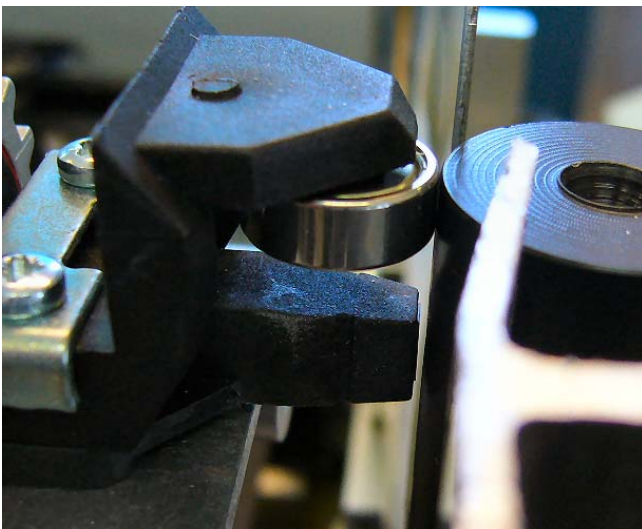
If the printer is not used, just put and old ribbon on those printers not used, in that way you will not waist any money, nor have any problem with paper crash.



The text print head moves automatically back and forth by a spring.

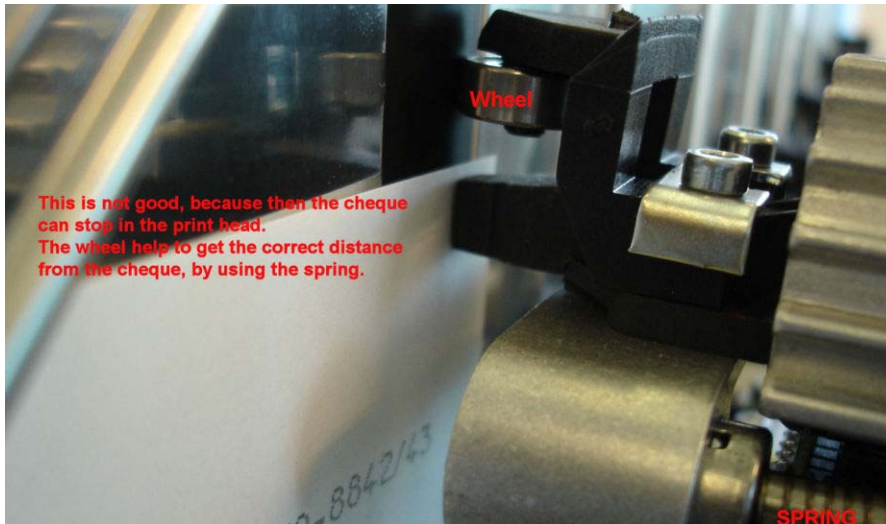


When the ribbon is removed, there is a high risk that the paper will stop in the print head, as you loose the guide that the ribbon gives.

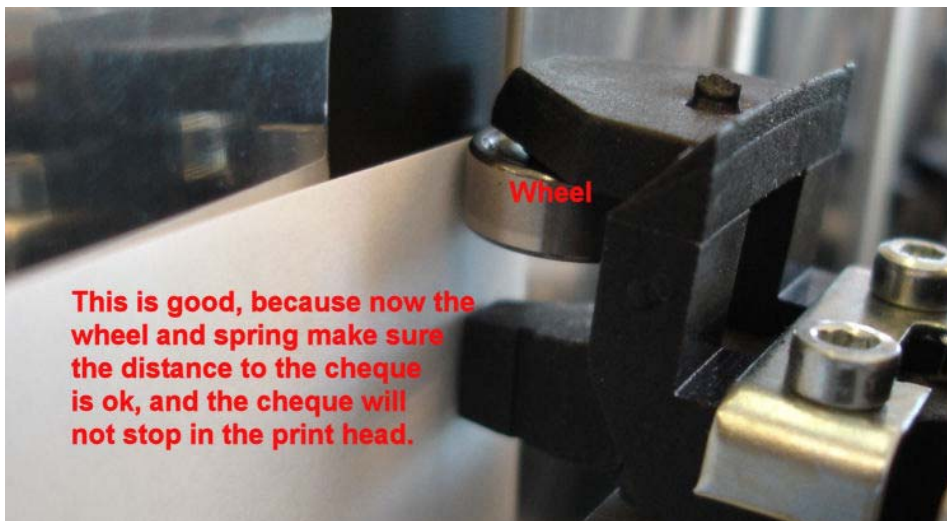


As you see the print head is adjusted slightly a little bit back from the pressure wheel, and as mentioned before the whole unit will automatically move back and forth depending on the cheque paper, when the cheque comes it will reach the pressure wheel and the unit will be pushed back, and hence the distance between the paper and the print head will always be the same, even if you have a 70 gram paper or a 120 gram paper.

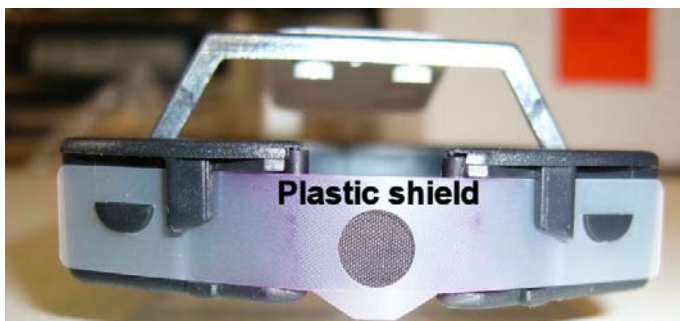
**Some times you may want to print so high up on the cheque, that the cheque paper comes below the pressure wheel.
In most cases this will work, but it is not recommended, as also this can create paper crash.**



When the paper is below the pressure wheel, the print head comes to close, and in addition to that the paper can stop, it is also a high risk that the printer will make a black unwanted line on the cheque, cause the paper hit the ribbon to close.



Another important detail on the Text ribbon is the shield in front of the ribbon.



As you see there is a hole for the needles to come trough, if this plastic shield is not present, it is a high risk that you will get a blank unwanted line on the cheque paper (Smudge)

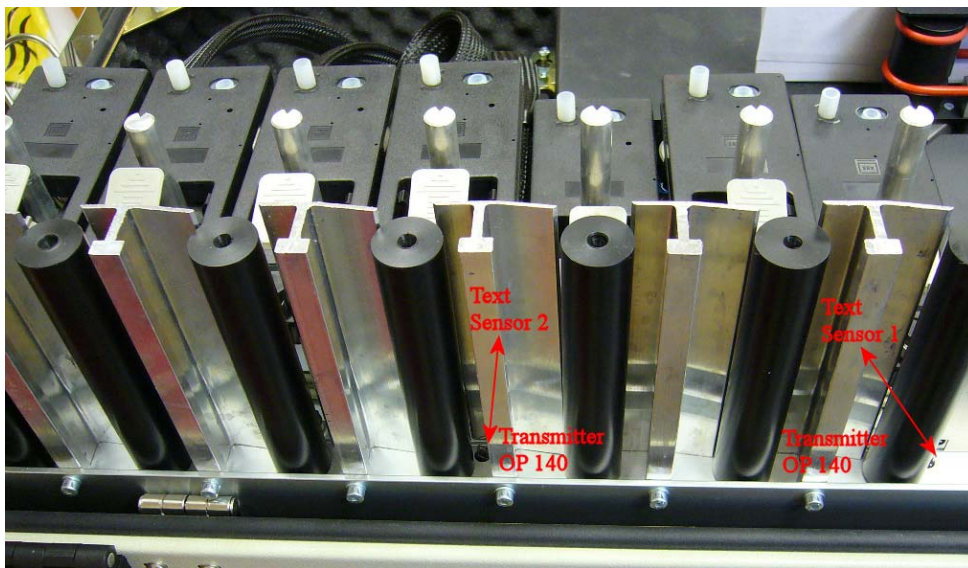
Many of the errors who occur in the text module are caused by the user itself as mentioned above.

Example: Printing without ribbon, using fake ribbons who miss the plastic shield, print head who is adjusted to high and so on, in addition to sensor errors.

The sensors are very important, as they decide where to print, and they need to be cleaned regularly.

How often is hard to say, as it depend on how many cheques you print each week, and also it depends on the paper quality, some paper gives very little paper dust, while other paper gives a lot of paper dust.

Just look into the mechanic now and then and look for paper dust, if it seems to much use a vacuum cleaner or an air blower to remove the paper dust.



The first image in this manual show you where you find the 2 sensor's for the text module, this picture show the same just from behind.

There is a transmitter and receiver on each side.

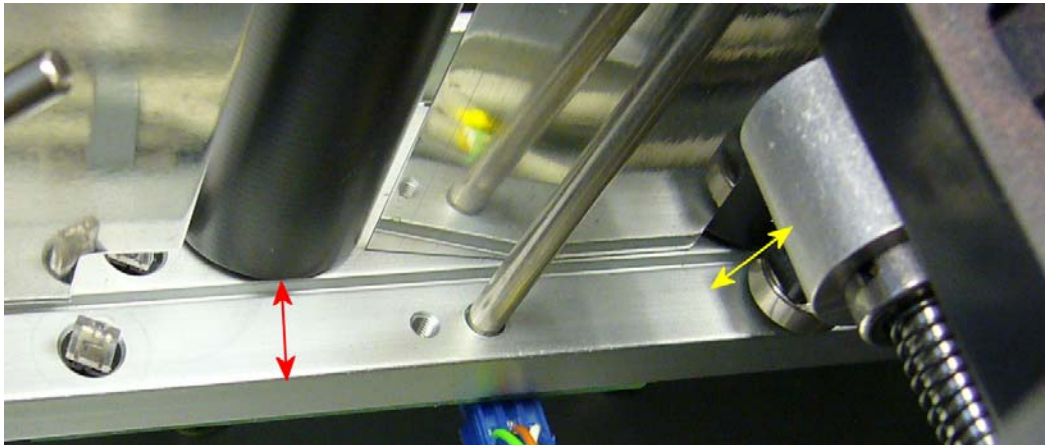


If it is to much paper dust, it could happen that the sensor does not detect the paper, or it believe that the paper already is in front of the sensor, even if there is no paper present, just because of paper dust.

Look at this picture below, here you see that each print station have a pressure wheel at the bottom as well, to help the cheque paper to stay in the path. (Apart from printer 1)



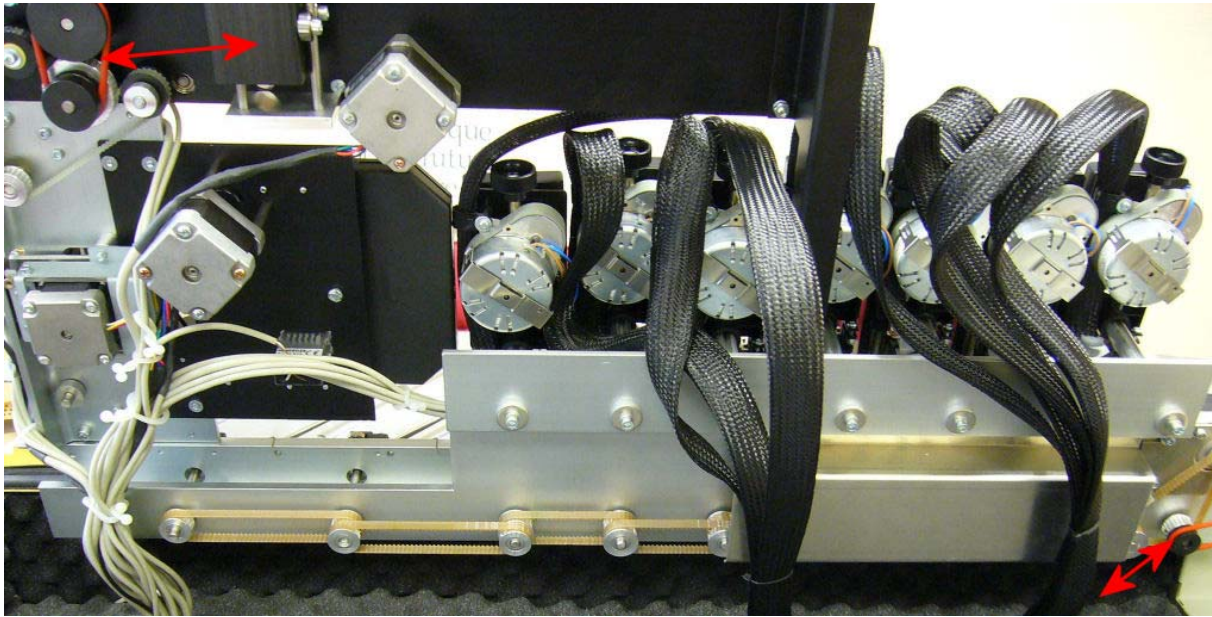
The main reason we have removed the pressure wheel on the first printer, (text printer number 1 who is the left most text printer), is that if you want to use the text printer to print the serial number on the stub on the cheque the wheel must be removed to be able to adjust the printer down enough so that it comes in the same height as the printed MICR line on the cheque.



Where the pressure wheel is removed you can adjust the print head down to the cheque path without having the text print head stopping in the pressure wheel as showed at the right side of the image.

So please notice, if you want to use a text printer to print the serial number on the cheque stub at the same height as the MICR line, please use text printer number 1 as this is prepared for this work.

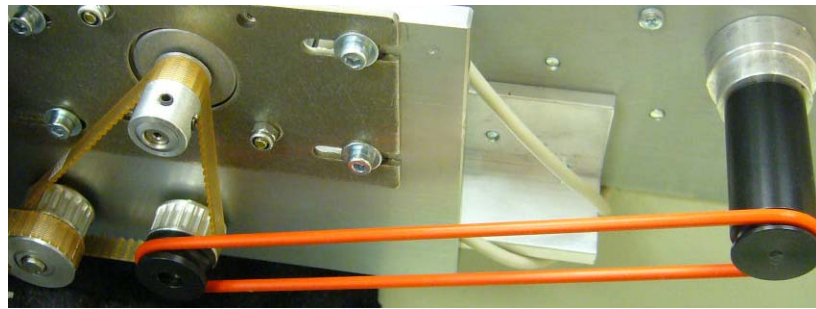
Parts easily changed without needing any service people:



**Apart from consumables, there are some other parts that need to be changed when broken or worn out.
Some part's can be changed by the people in the bank without having to call for service.**

See “Complete mechanic manual” to see how to open up the cover and get to the unit shown above.

The red O-rings can be changed without needing any tools.



For other parts call service.