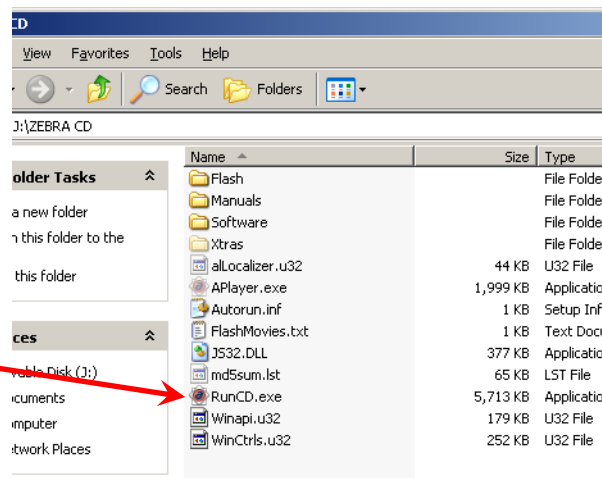


Set Up the RazorGage PC for the Zebra GX430t labeler

**IMPORTANT: DO NOT CONNECT THE PRINTER TO THE PC
UNTIL INSTRUCTED TO DO SO IN THESE INSTRUCTIONS**

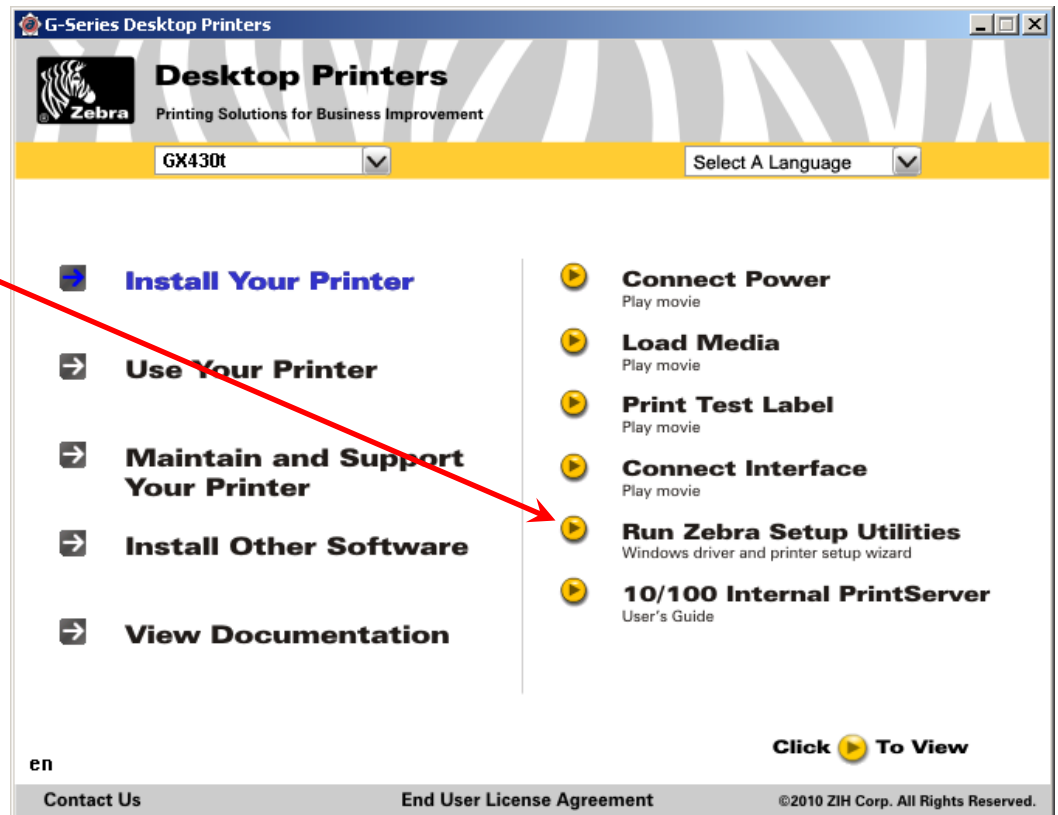
Find the USB Support Jump Drive provided with your RazorGage. The Support Drive is fastened with Velcro to the inside of the RazorGage electrical enclosure door. Insert the jump drive into the USB port on the RazorGage PC and open the folder named ZEBRA GX430t Label Printer then open the folder named ZEBRA CD. Double click on the file named RunCD as shown at right.



Choose GX430t from the Select A Model pull down list.

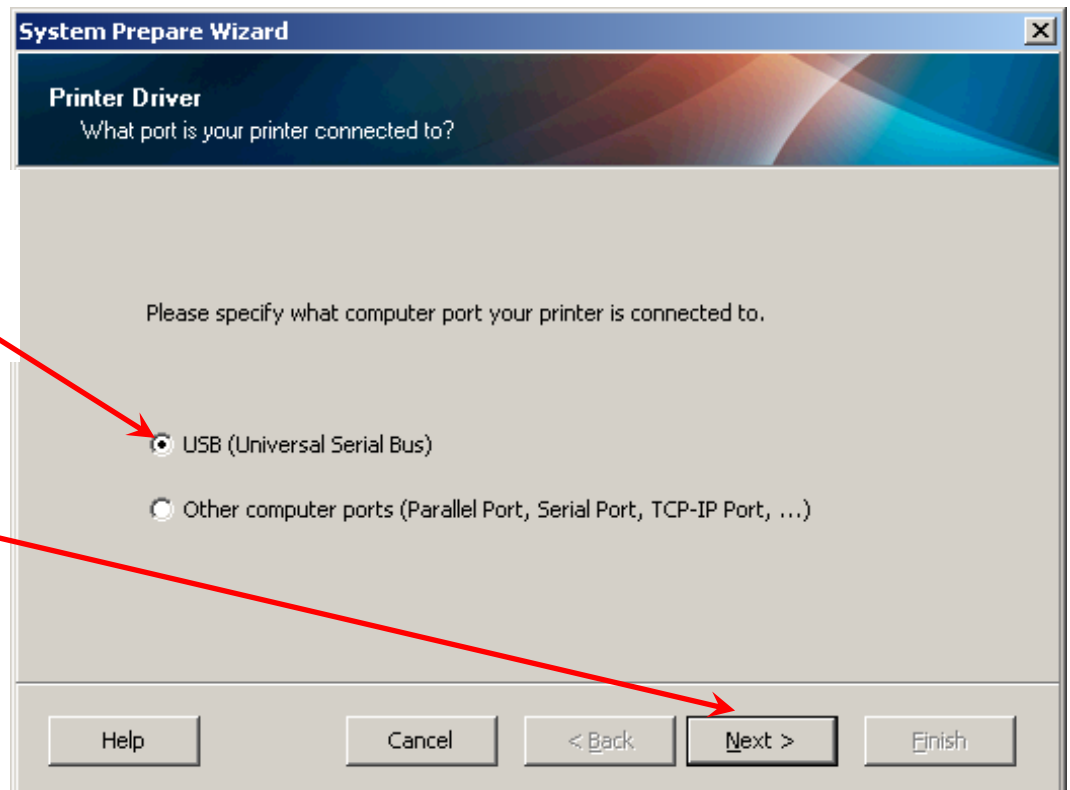


Click the button next to Run Zebra Setup Utilities.

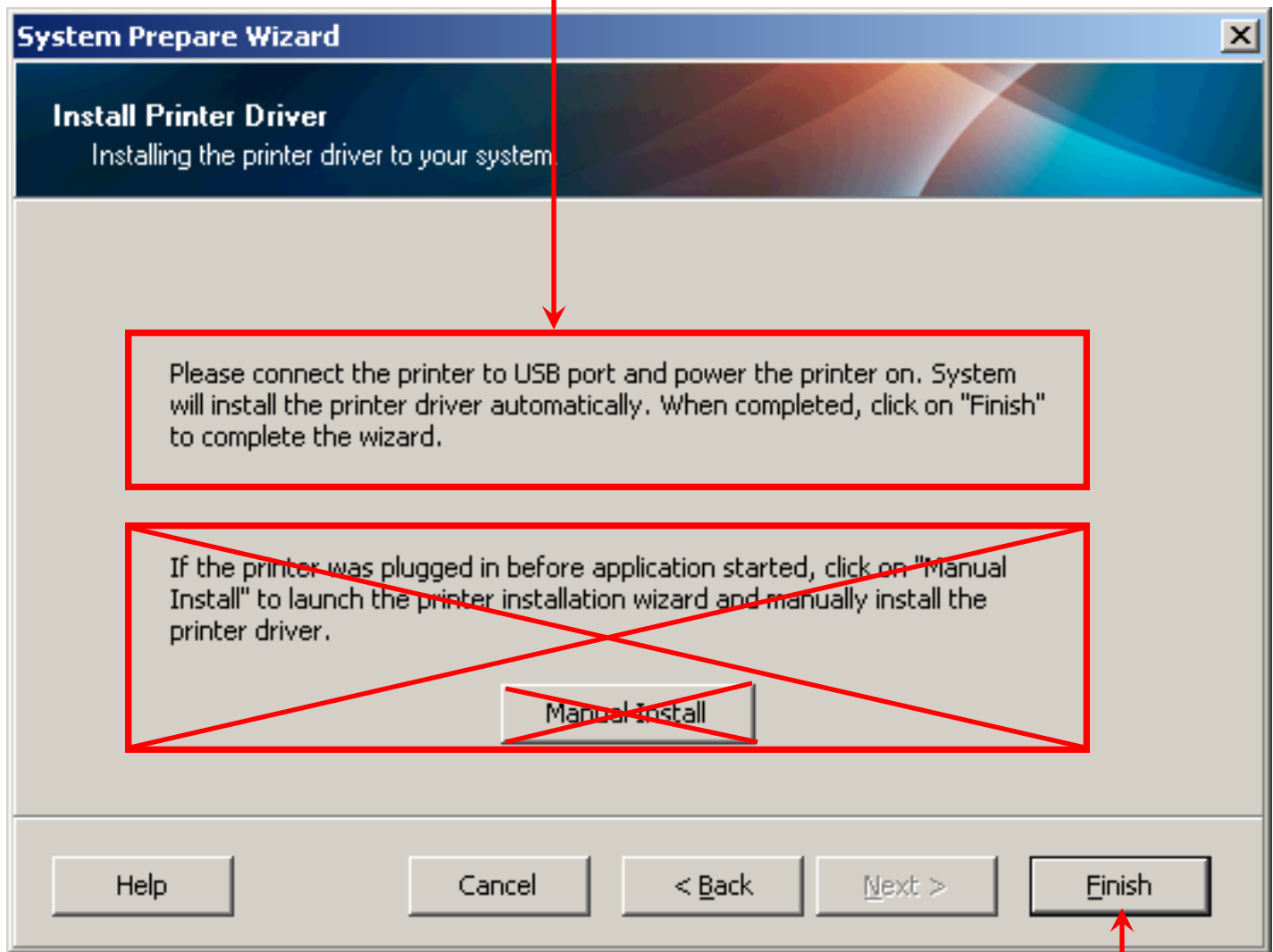


Click the USB option.

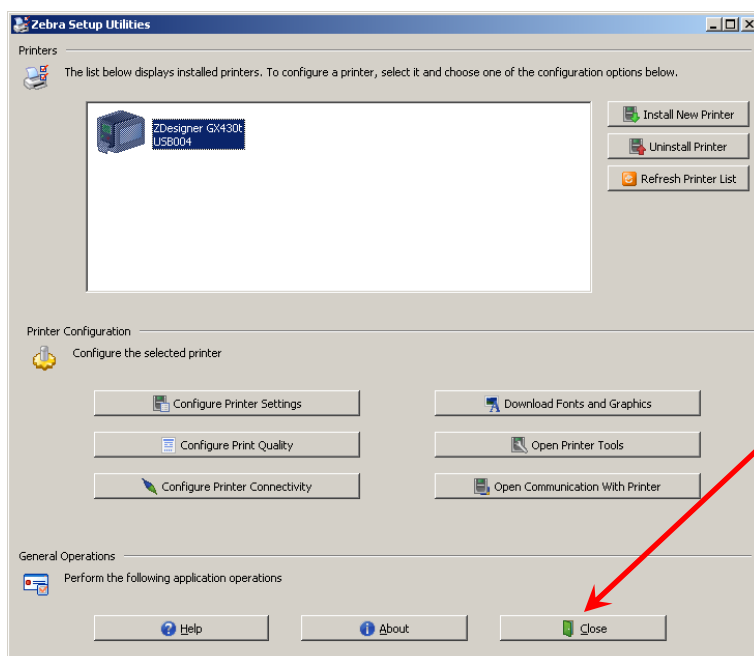
Click Next.



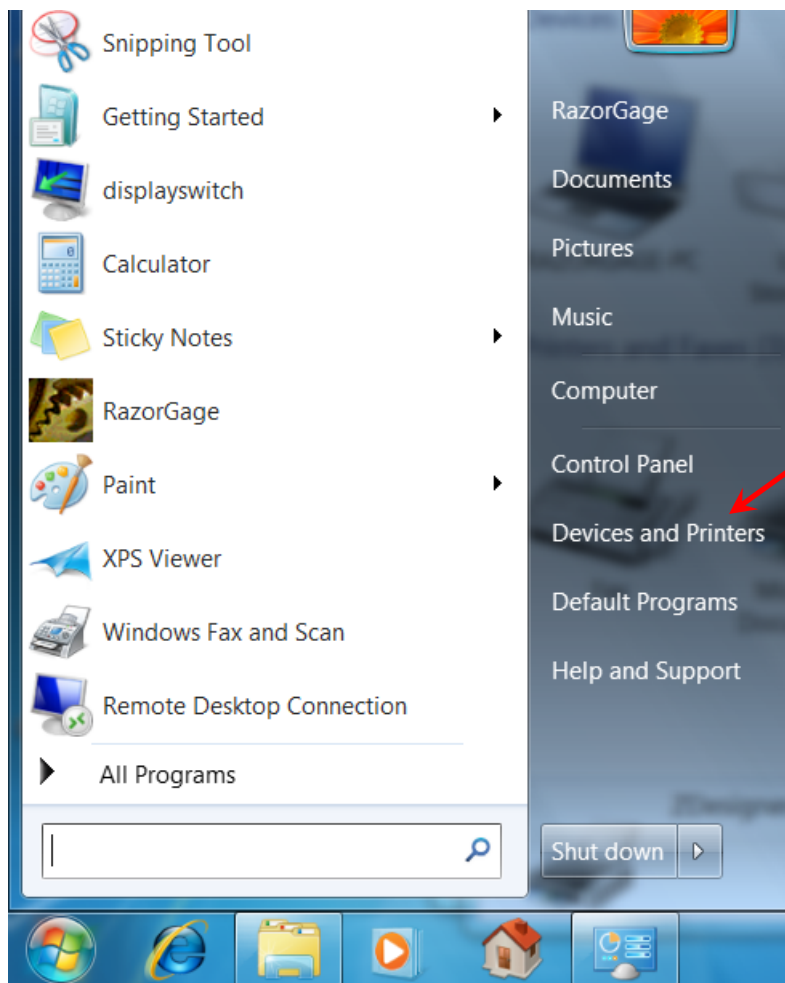
Now follow this set of instructions. **DO NOT CLICK MANUAL INSTALL.**



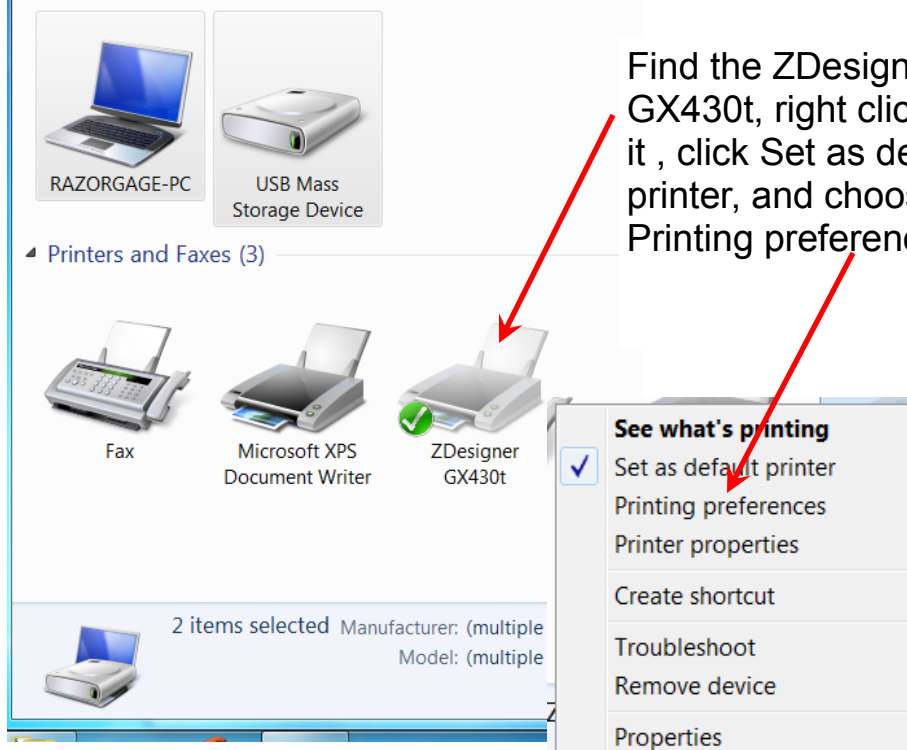
When Windows notifies you that your new hardware is ready to use click Finish.



When the screen at left appears click CLOSE and re-start the PC.

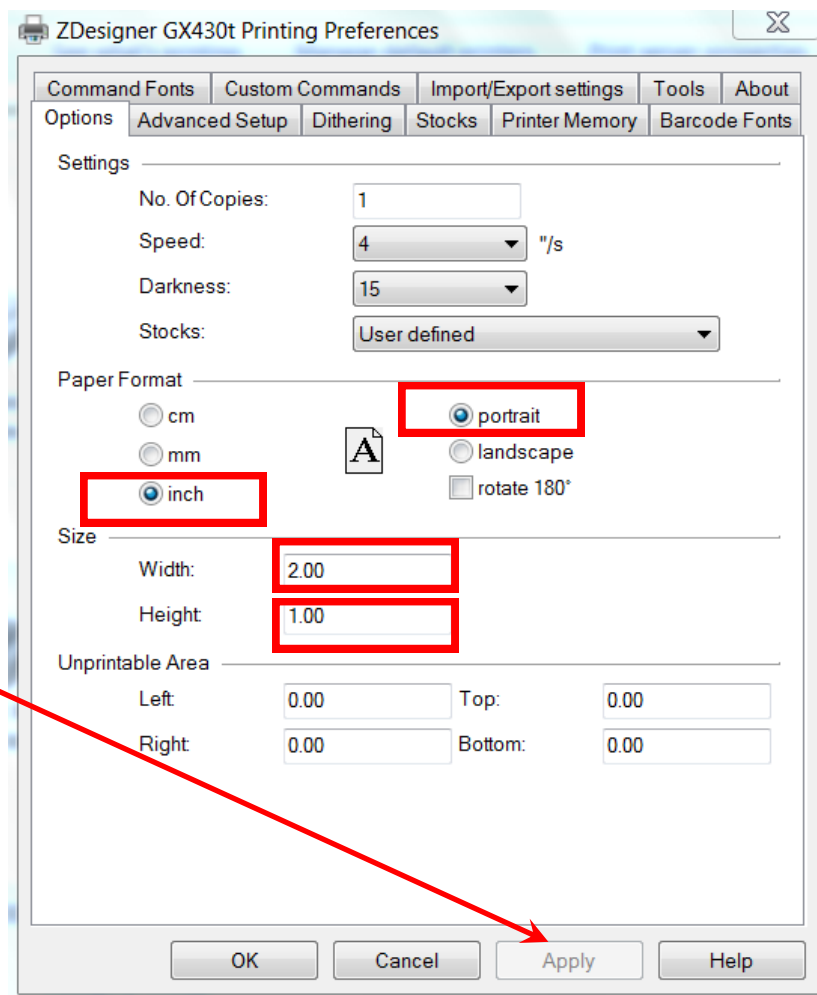


When the PC starts back up click on the Start Menu and click Devices & Printers.



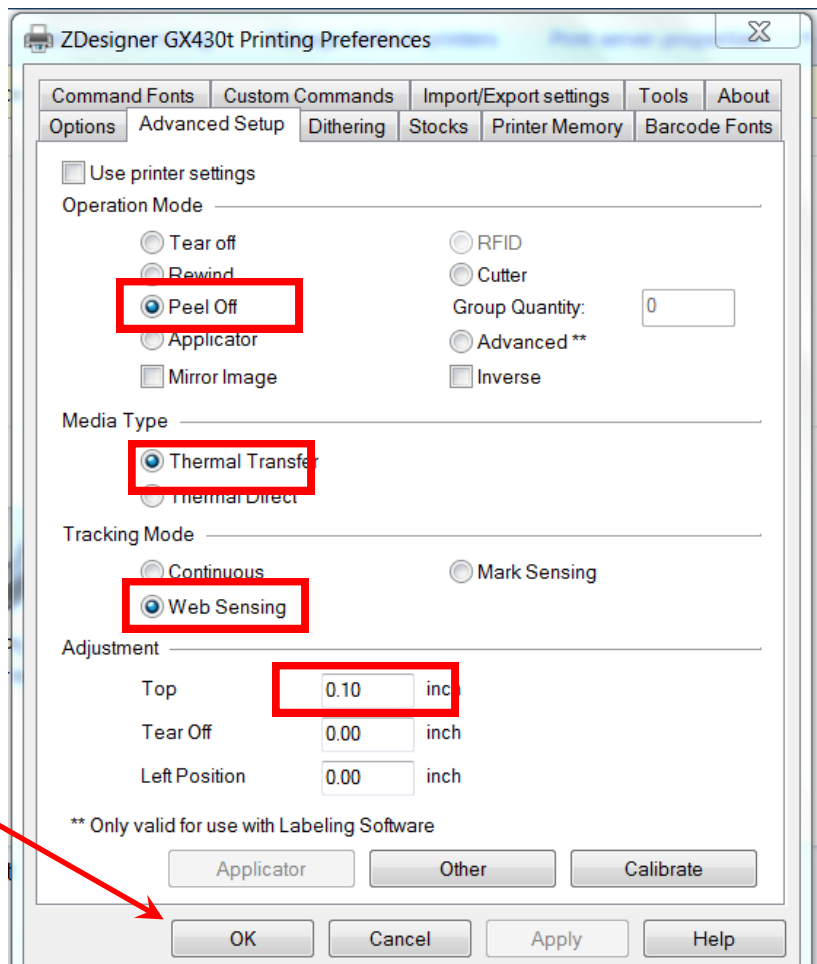
Find the ZDesigner GX430t, right click on it, click Set as default printer, and choose Printing preferences.

Click on the Options Tab and use the diagram at left to enter the proper settings. The settings outlined in the bold rectangles are the ones that typically need to be changed. Click Apply.



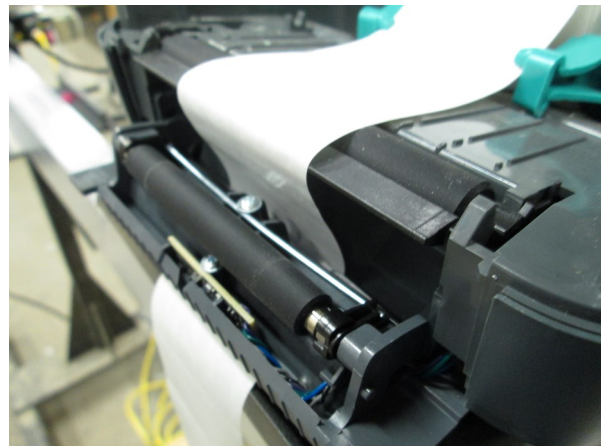
The image shows the 'Options' tab of the ZDesigner GX430t Printing Preferences dialog. The 'Settings' section includes 'No. Of Copies' (1), 'Speed' (4"/s), 'Darkness' (15), and 'Stocks' (User defined). The 'Paper Format' section has radio buttons for 'cm', 'mm', and 'inch' (selected), and 'portrait' (selected) and 'landscape' (unselected). The 'Size' section has 'Width' (2.00) and 'Height' (1.00). The 'Unprintable Area' section has 'Left', 'Right', 'Top', and 'Bottom' (all 0.00). A red arrow points from the text on the left to the 'Apply' button.

Click on the Advanced Setup Tab and use the diagram at left to enter the proper settings. The settings outlined in the bold rectangles are the ones that typically need to be changed. When you're done click OK.



The image shows the 'Advanced Setup' tab of the ZDesigner GX430t Printing Preferences dialog. The 'Operation Mode' section has radio buttons for 'Tear off', 'Rewind', 'Peel Off' (selected), and 'Applicator', and checkboxes for 'Mirror Image' and 'Inverse'. The 'Media Type' section has radio buttons for 'Thermal Transfer' (selected) and 'Thermal Direct'. The 'Tracking Mode' section has radio buttons for 'Continuous' and 'Web Sensing' (selected). The 'Adjustment' section has 'Top' (0.10 inch), 'Tear Off' (0.00 inch), and 'Left Position' (0.00 inch). A red arrow points from the text on the left to the 'OK' button.

Now make sure that the printer label is threaded through the peel and present mechanism as shown in the photos at right. After you have the label threaded, push the button on the top right of the printer to feed a label. The label should end up perched on the ledge of the peel and present fixture ready to pluck off to be deposited on your product. Now open the RazorGage software and we will print a test label from Autolist.



This value represents the number of blank lines at the top of the label. This is essentially the top margin.

Check this box to enable label printing.

Adjust this value to make the left margin larger or smaller.

This value is used when optimizing between defects in pusher mode. The "gap" refers to the distance between the end of one part and the beginning of the next when a defect separates the parts. This is handy when defects may not be conspicuous and a drop may be confused with an actual part if it is longer than the specified length.

Set font size here.

Press to print a test label.

The screenshot shows the 'Label Setup' dialog box. At the top is a title bar 'Label Setup'. Below it is a section with a checkbox 'PRINT LABELS'. Underneath is a 'Paper Label Printer' section containing three dropdown menus: 'FONT SIZE' (set to 11), 'Left Margin Spaces' (set to 4), and 'Blank Lines' (set to 1). Below these is a text field '(Pusher Mode Only) Print "NOT BEING USED" when gap exceeds:' with the value '5.26'. There are two buttons: 'Text Labels' and 'Bar Codes'. Below these is a 'Printed Fields' section with a table of fields. The table has three columns: 'FIELD 1', 'FIELD 2', and 'FIELD 3'. Each column has four rows: 'LINE 1', 'LINE 2', 'LINE 3', and 'LINE 4'. The 'LINE 4' row in 'FIELD 3' is expanded, showing a list of options: 'FILE NAME', 'SEQ_NUM', 'QTY', 'PROFILE', 'WIDTH', 'THICKNESS', 'PART', and 'LENGTH'. Below the table is a 'VIRTUAL LABEL FONT SIZE' dropdown set to 15. At the bottom are two yellow buttons: 'SAVE' and 'CANCEL'.

	FIELD 1	FIELD 2	FIELD 3
LINE 1	PROFILE	EMPTY	EMPTY
LINE 2	PART	EMPTY	EMPTY
LINE 3	EMPTY	EMPTY	EMPTY
LINE 4	EMPTY	EMPTY	FILE NAME

VIRTUAL LABEL FONT SIZE: 15

SAVE CANCEL

This is the font size used in the Virtual Label which appears in the lower left hand corner of the Autolist Screen.

These blank fields hold user entered text or characters that remain the same regardless of the part. They are filled in at the machine using a keyboard. They can hold a long string even though they appear to be short and the software will handle spacing of the fields regardless of the length. If the label is too long for the label it will be shortened to fit.

Each pull down field will show a list of all the headings available in the cutlist plus the FILE NAME heading which prints the name of the cutlist file.

To Include Bar Code Fields in your Label

From the Label Setup screen click Bar Code to bring up the bar code screen shown below.

Label Setup

PRINT LABELS

Paper Label Printer

FONT SIZE 11 **Left Margin Spaces** 4 **Blank Lines** 1

(Pusher Mode Only) Print "NOT BEING USED" when gap exceeds: 5.26

Printed Fields

	FIELD 1	FIELD 2	FIELD 3
LINE 1	PROFILE	EMPTY	EMPTY
LINE 2	PART	EMPTY	EMPTY
LINE 3	EMPTY	EMPTY	EMPTY
LINE 4	EMPTY	EMPTY	EMPTY

VIRTUAL LABEL FONT SIZE 15

PRINT LABELS

Paper Label Printer

FONT SIZE 11 **Left Margin**

(Pusher Mode Only) Print "NOT BEING USED" when gap exceeds: 5.26

Printed Fields

	Field	X (in)	Y (in)	X-distance from left border	Y - distance from top of label
Bar Code 1	FILE NAME	1	1.1		
Bar Code 2	FILE NAME	1.2	2		
	SEQ_NUM				
	QTY				
	PROFILE	12			
	WIDTH				
	THICKNESS				
	PART				
	LENGTH				

Label Setup

■ PRINT LABELS

Paper Label Printer

FONT SIZE

Left Margin Spaces

Blank Lines

(Pusher Mode Only) Print "NOT BEING USED" when gap exceeds:

Text Labels

Bar Codes

Printed Fields

	Field	X (in)	Y (in)	
Bar Code 1	<input type="text" value="FILE NAME"/>	<input type="text" value="1"/>	<input type="text" value="1.1"/>	X-distance from left border
Bar Code 2	<input type="text" value="ELEVATION"/>	<input type="text" value="1.2"/>	<input type="text" value="2"/>	Y - distance from top of label

Bar Code Font Size

SAVE

CANCEL

This value controls the barcode font size.

You may use the X Y coordinates to control where the bar code fields are printed on the label. You will have to experiment with these settings to make sure the bar code fields don't interfere with the fields established in the non-barcode definition area.

Important Note: For barcode printing to work you must have the proper barcode font installed on the RazorGage PC. Newer RazorGages have these fonts already in place but older ones may not. Since the RazorGage software has used two different barcode fonts over the years you should install both to be sure it works. The two fonts are 3of9.TTF and 39251.TTF. These are available for download from the RazorGage website DOWNLOADS page. There are also numerous sites on the web which allow you to download these fonts for free. To install these fonts on a PC just copy the files to C:\Windows\Fonts\