



How To

Service Documents from APPI

Document: #HT000144

Document Title: Check TiZ Ribbon Sensor

Product(s): Ti-1000Z

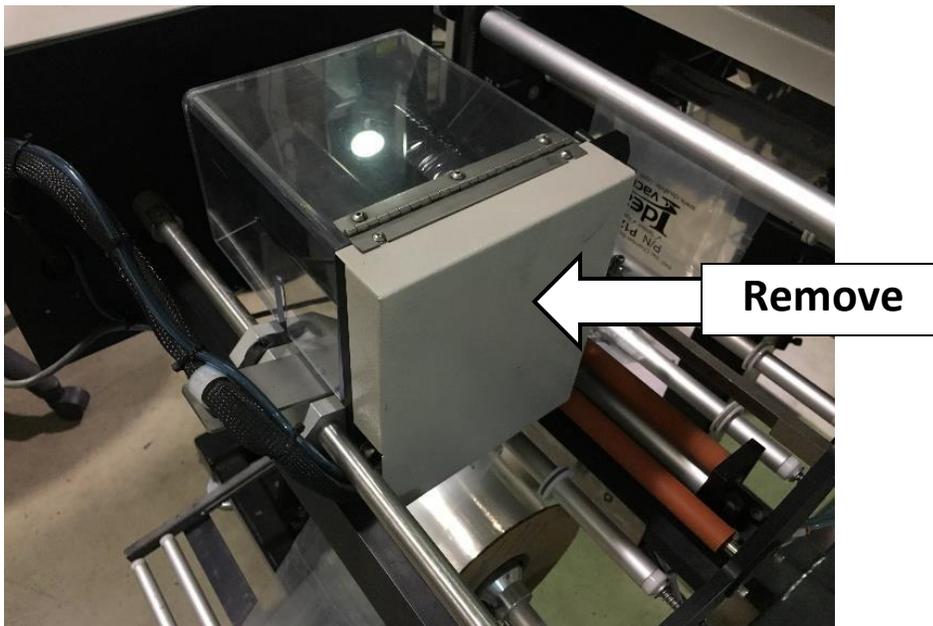
Procedure:

If the ribbon sensor does not respond to “No Ribbon Present”, there may be a bad connection or a bad sensor.

While it is not possible to check the Sensor, it is possible to check the connection from the Sensor to the printer Main Logic Board.

Turn off power to the Bagger.

Take off the cover off the Printer Unit.

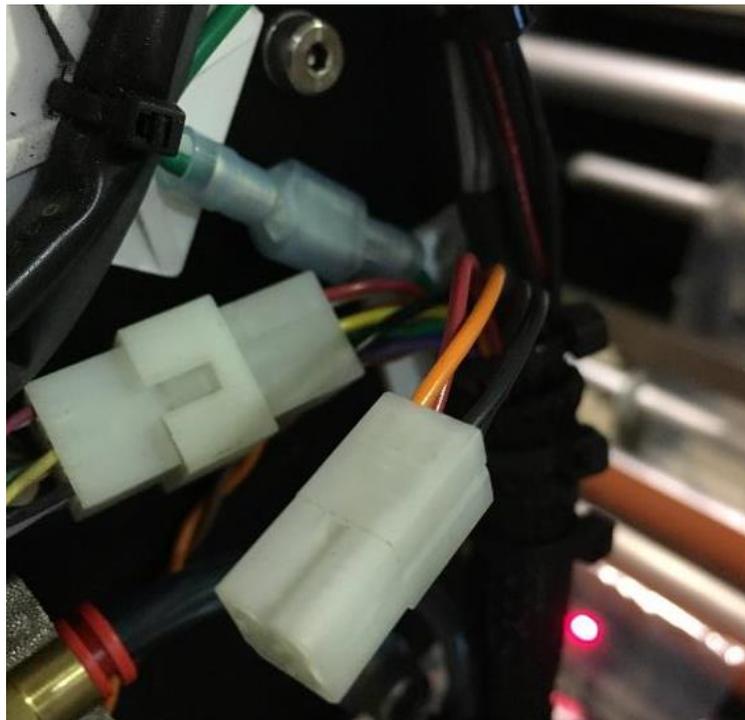
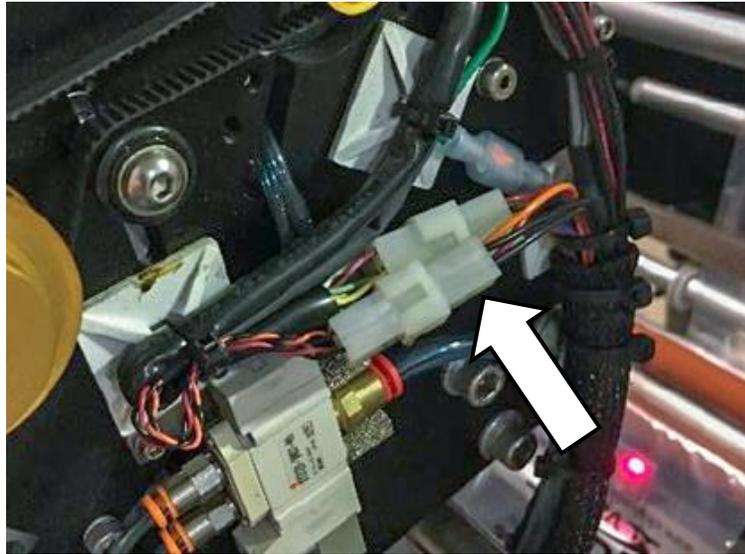




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Locate a square plug with four wires: Black, Black, Orange, Red.



Disconnect the plug. You will be using the end with the slightly thicker wires on it, the wires go into the wire harness back to the Main Logic Board.

Note how the wires are paired, Orange-Black, and Red-Black.

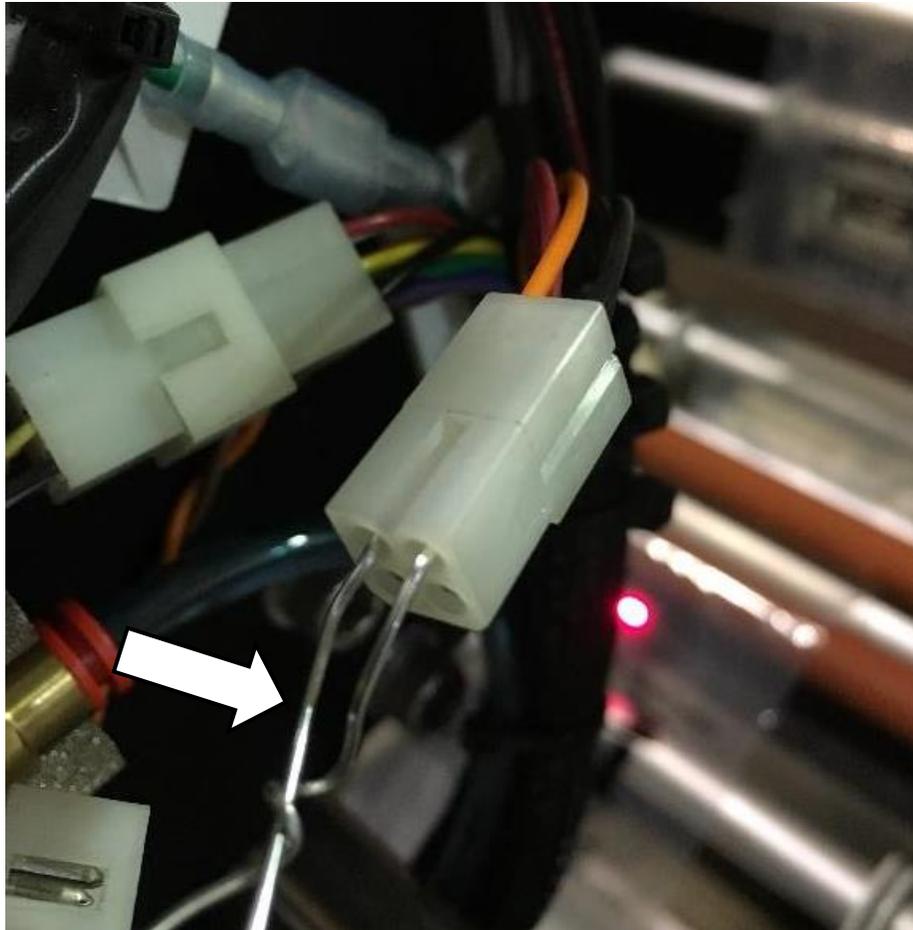


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Turn ON the Power for the Bagger.

Use a piece of wire or just a straightened-out paper clip to short the ORANGE AND BLACK wires.



This should immediately show the “No Ribbon” alert.

If you pull out the wire or paperclip from the connector, the alert should go away. This can be repeated as many times as you want.

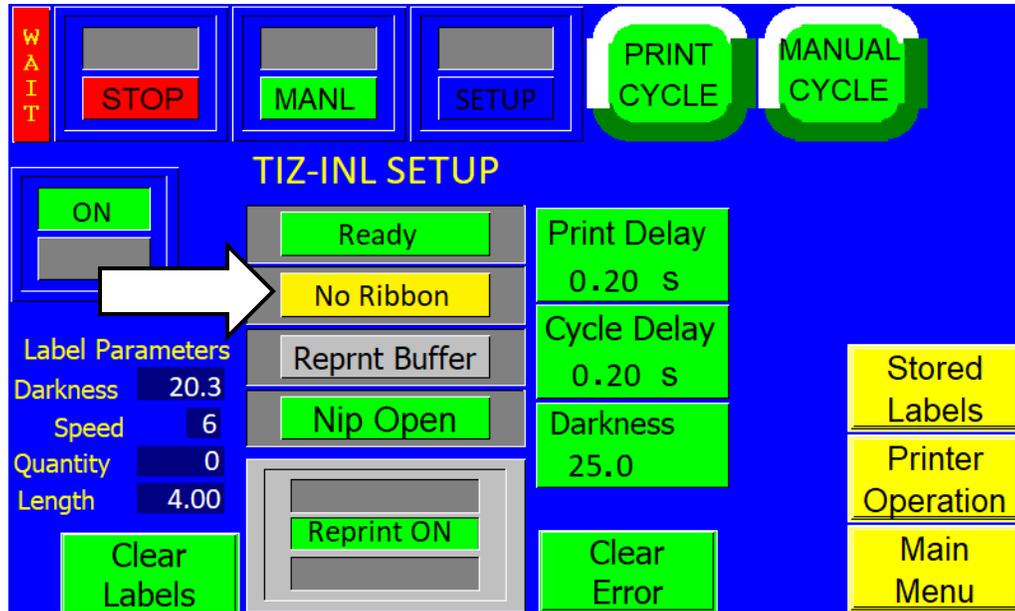
If it does not show the alert, then there is a bad sensor or bad connection.

Turn Power OFF again.

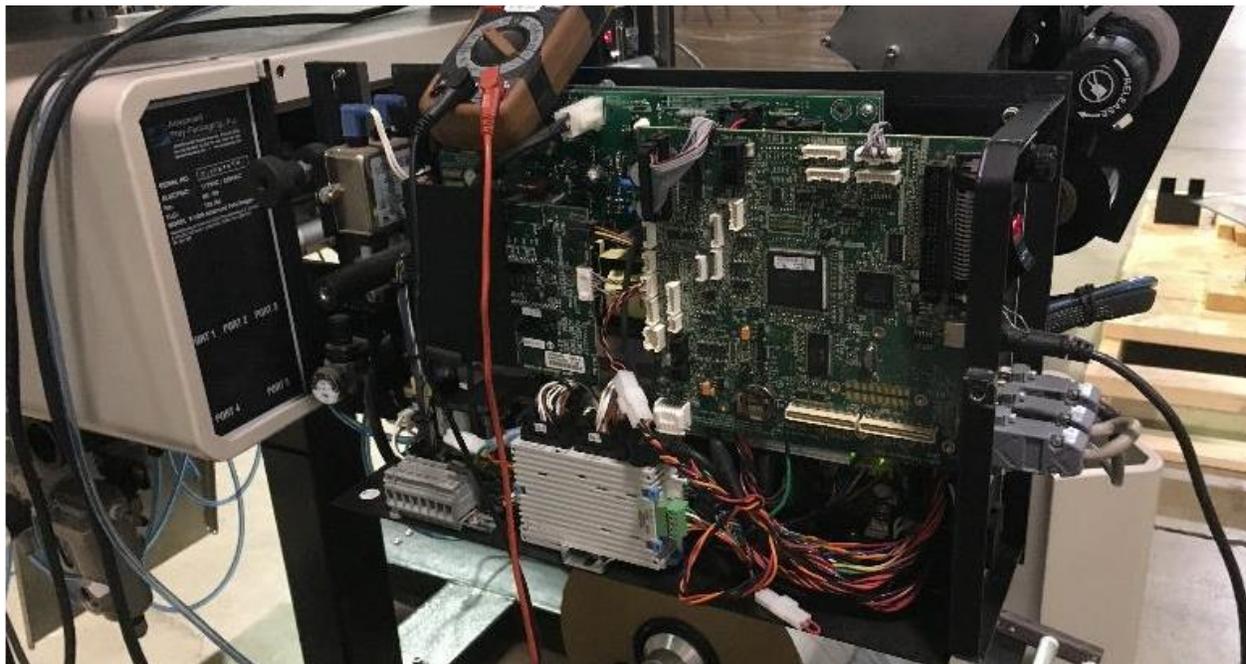


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Take off the cover for the Main Printer Housing.





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Locate the Ribbon Sensor plug. It will have the four wires, and will also be marked RIBBON SENSOR.

Unplug it, and plug it back in.

Turn Power back ON.

Pull the ribbon away from the Sensor. If it still doesn't give the alert, you can try the same test on the square plug between Orange and Black wire. If that does give you "Ribbon Out" alert, you will need to replace the Sensor.

