



How To

Service Documents from APPI

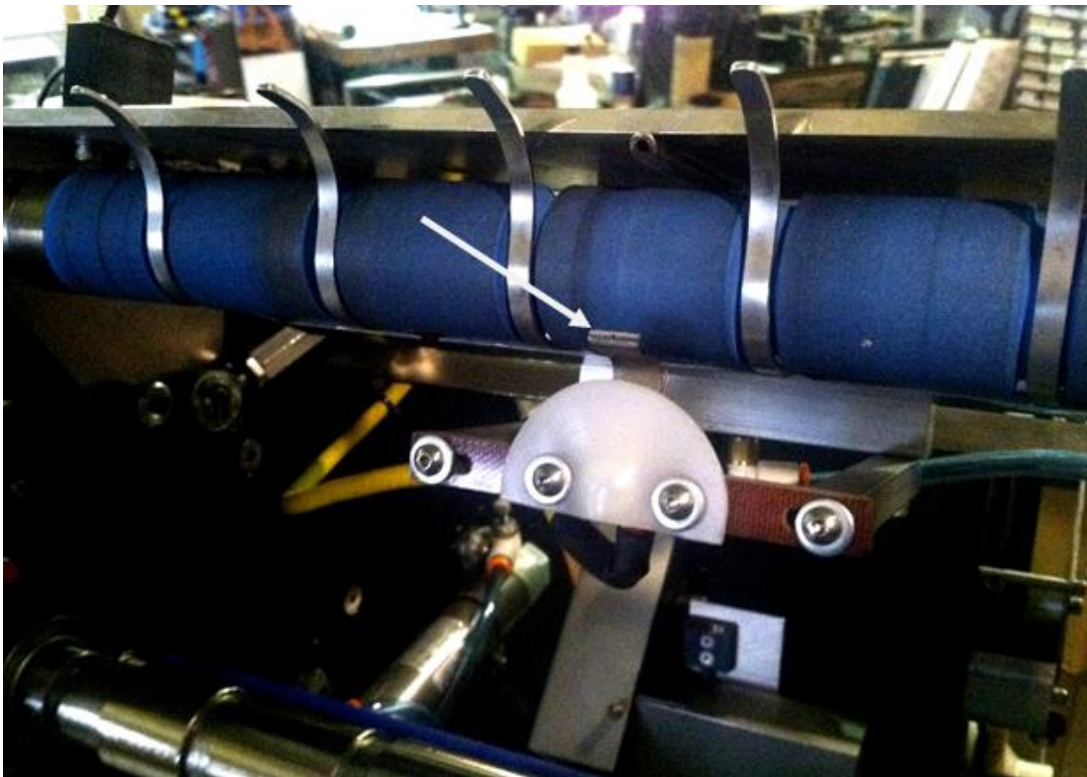
Document: #HT000032

Document Title: Check High Voltage

Product(s): T-300/375

Procedure:

Turn Power OFF.

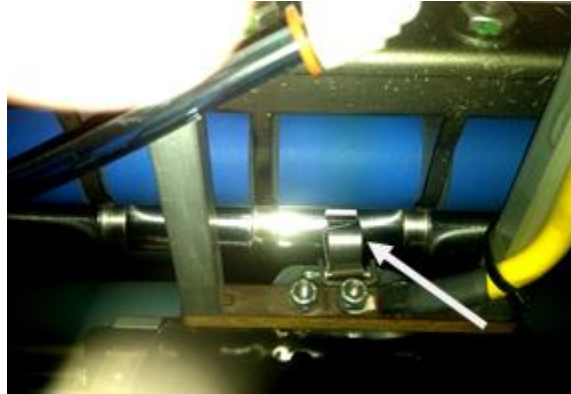


Raise the Top Cover, and clean the Perf Sensor with Isopropyl Alcohol.



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Looking from the top of Bagger, make sure Perf Sensor is touching the Steel Roller.



Remove the left side cover



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Locate the High Voltage Board.

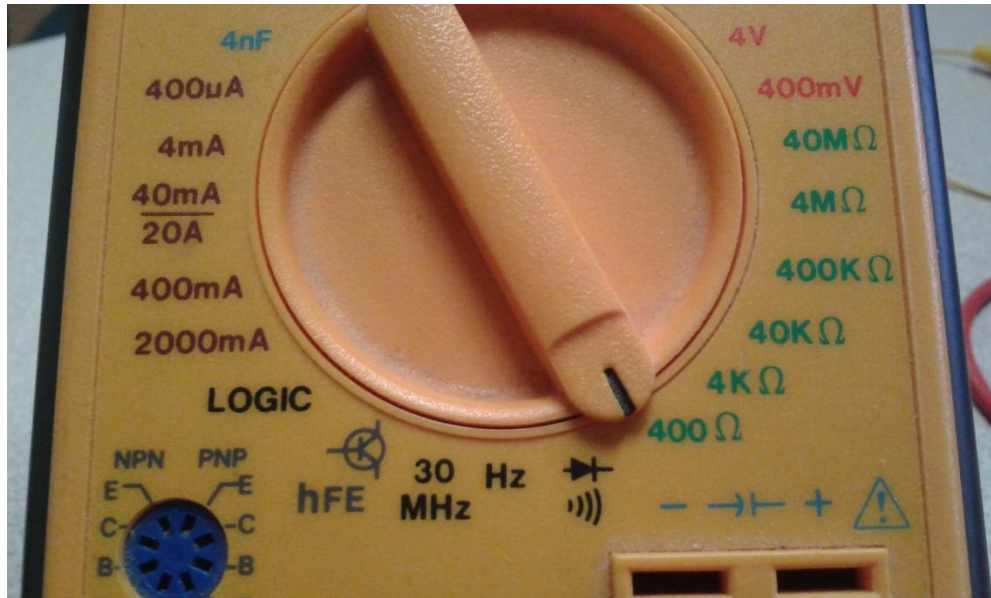


Make sure the High Voltage Cable (yellow) is tight in the connector, and plugged in all the way.



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Set your electrical meter to Ohms of resistance. The symbol on the meter may look like an Omega symbol (Ω) or upside-down U.

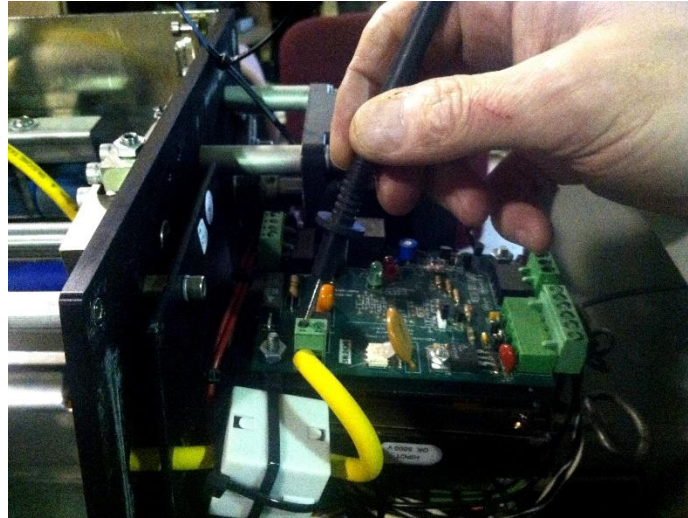


Close and lock the Blue roller to the Steel Roller without bags.

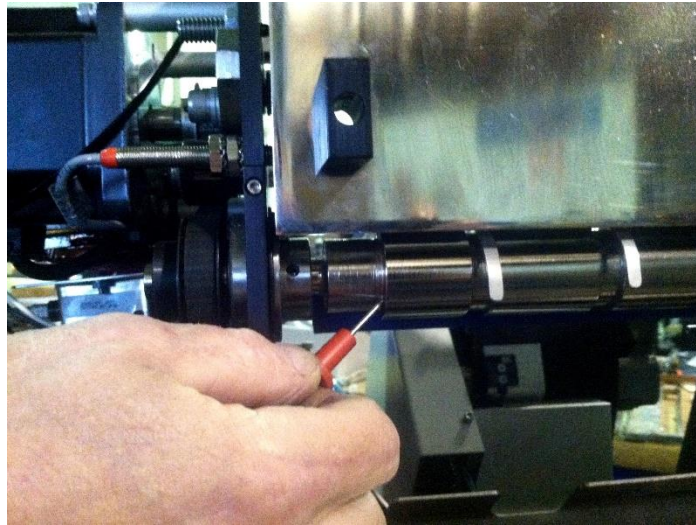


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Put one of your test leads on the screw in the green connector that holds the yellow wire.

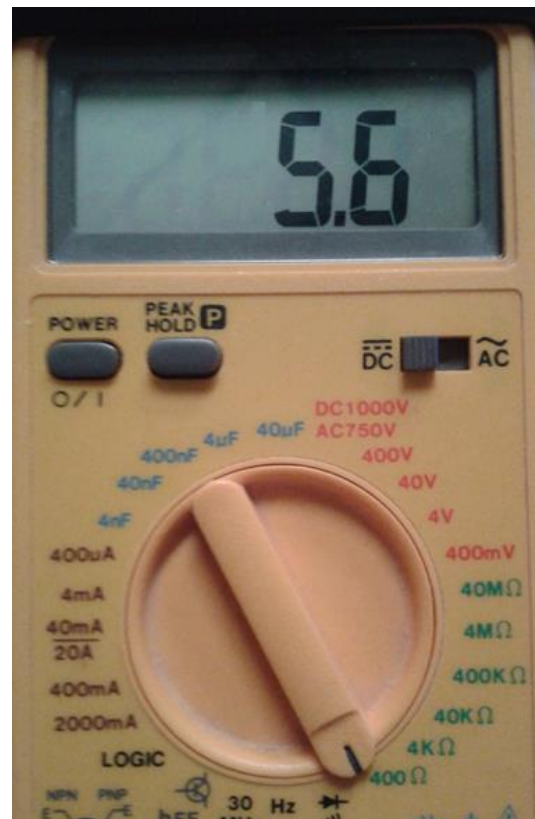


Put the other test lead on the Steel Roller.



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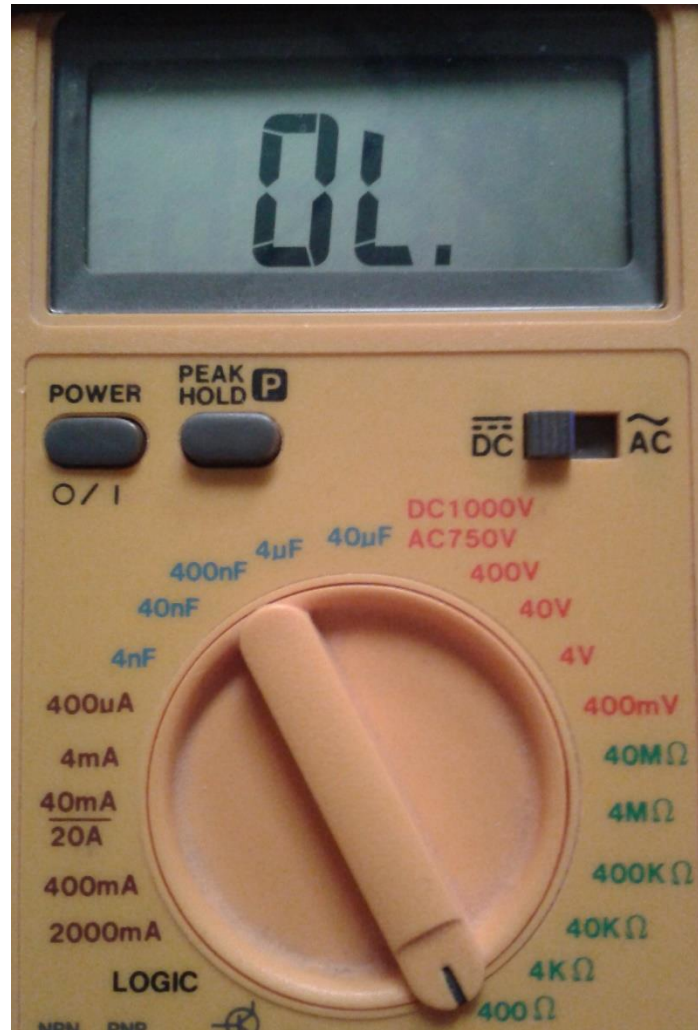


Your meter should read a low amount of resistance, or closed.



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If your meter reads Open or a very high resistance you may have a loose connection, Perf Sensor not touching metal roller, or broken yellow wire.

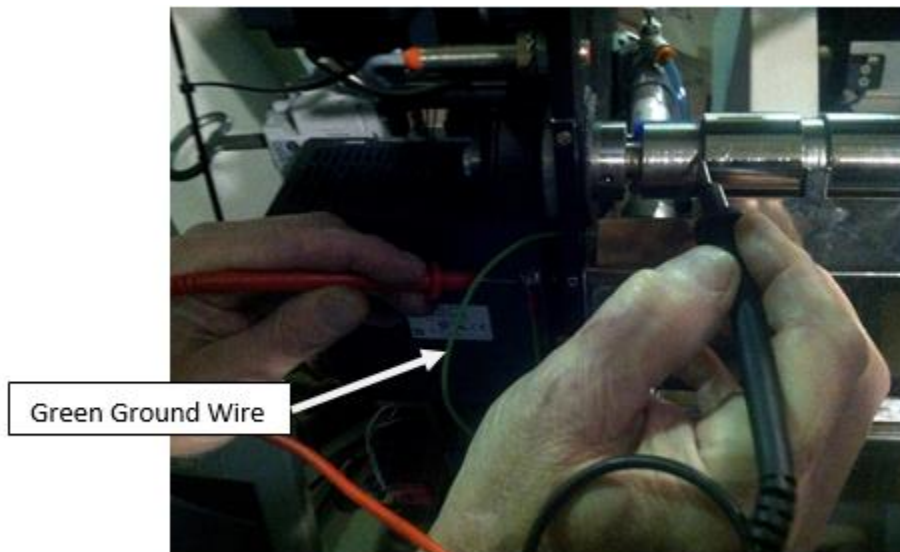


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Open the top and separate the Blue Roller from the Steel Roller.



Shown above is the newer style Ground Sensor. The Ground Sensor looks like the Perf sensor but is below the Steel Roller. There is a green ground wire coming out of the side frame and is attached to the outside of the frame.

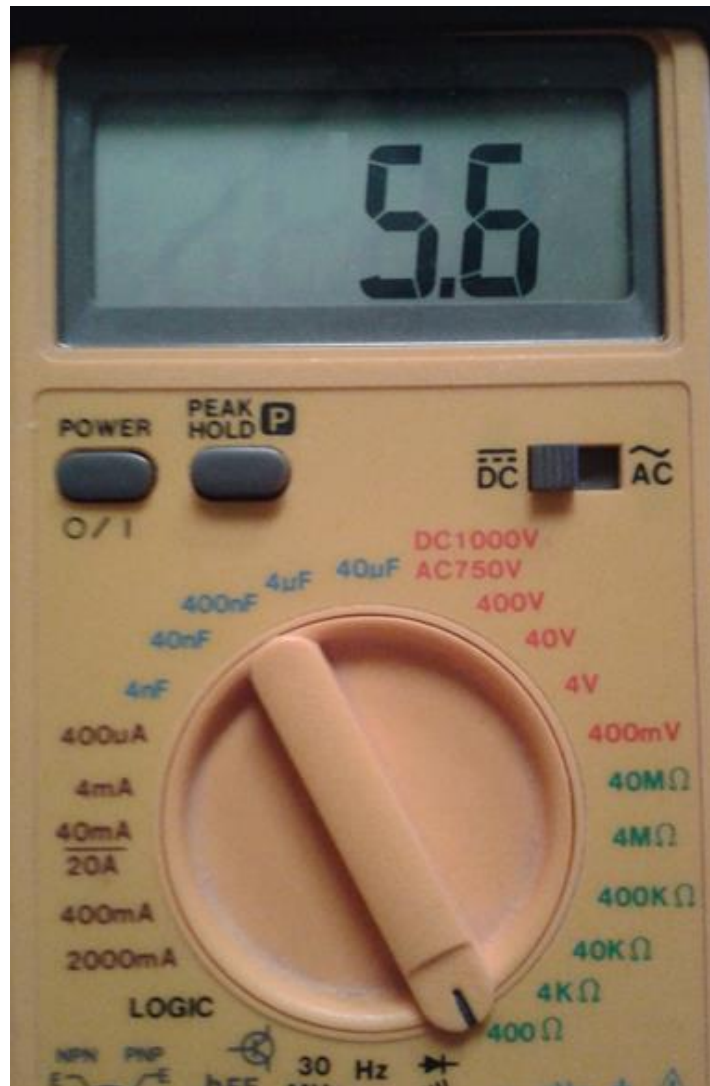


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Put one lead on the Steel Roller and the other lead on the green wire where it's attached on side frame.

You should read closed on the meter or very low ohms.

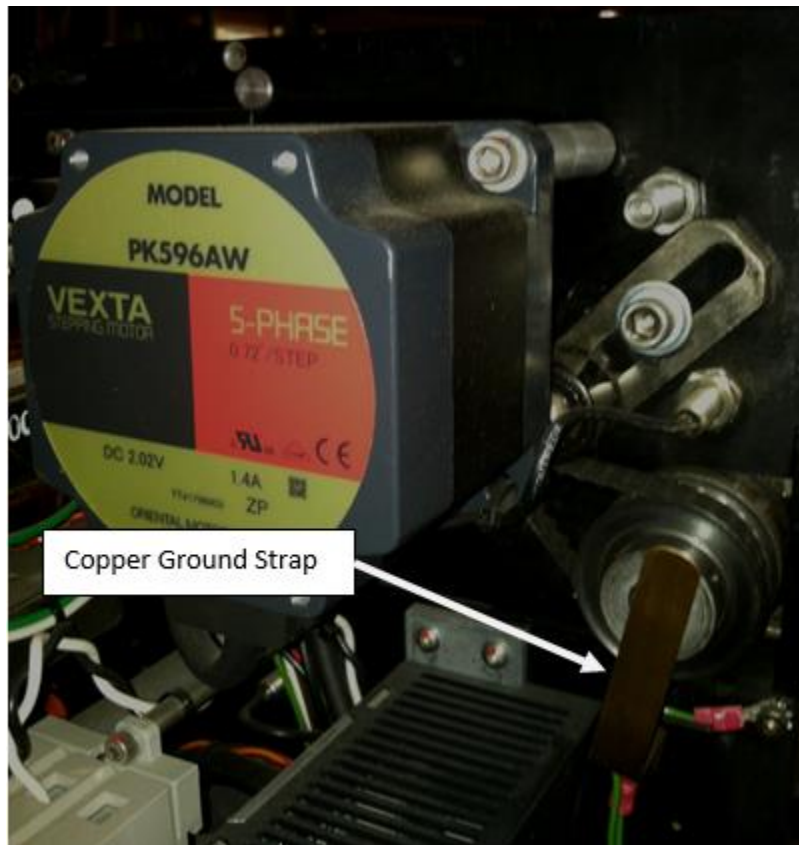




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If you have an older style Ground Sensor it looks like photo below.



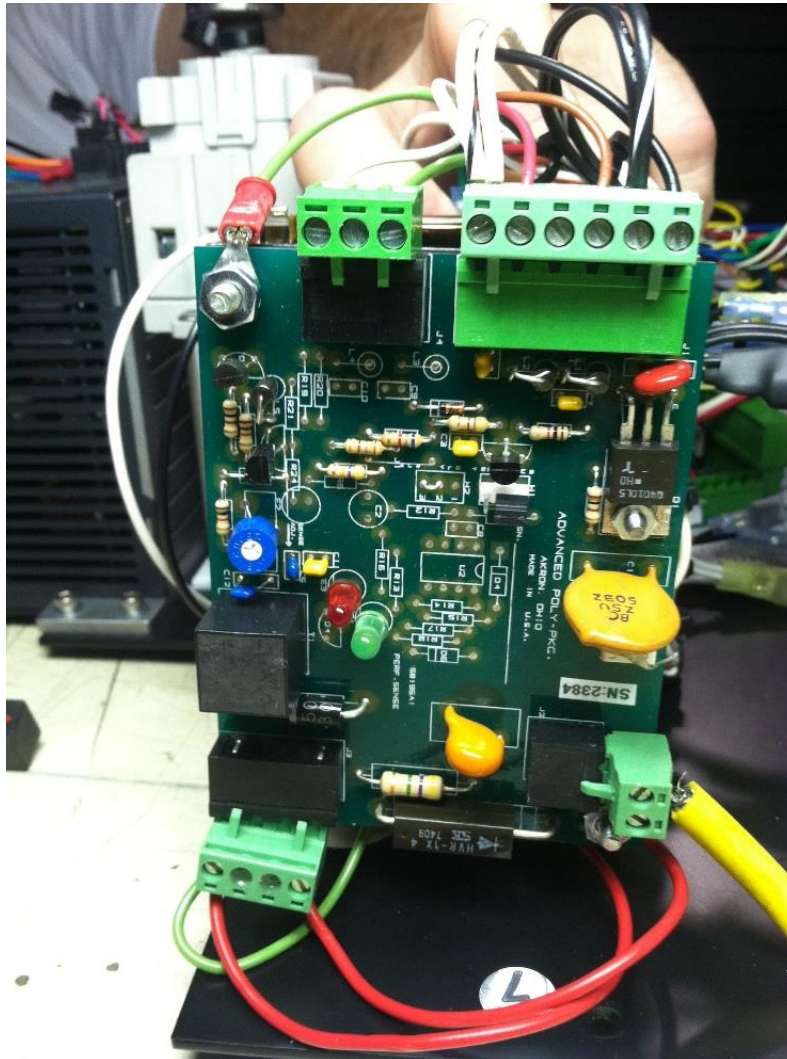
Make sure the Copper Ground Strap is touching the side of the Steel Roller. If not, bend in slightly so its touching.



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Adjusting the High Voltage Board

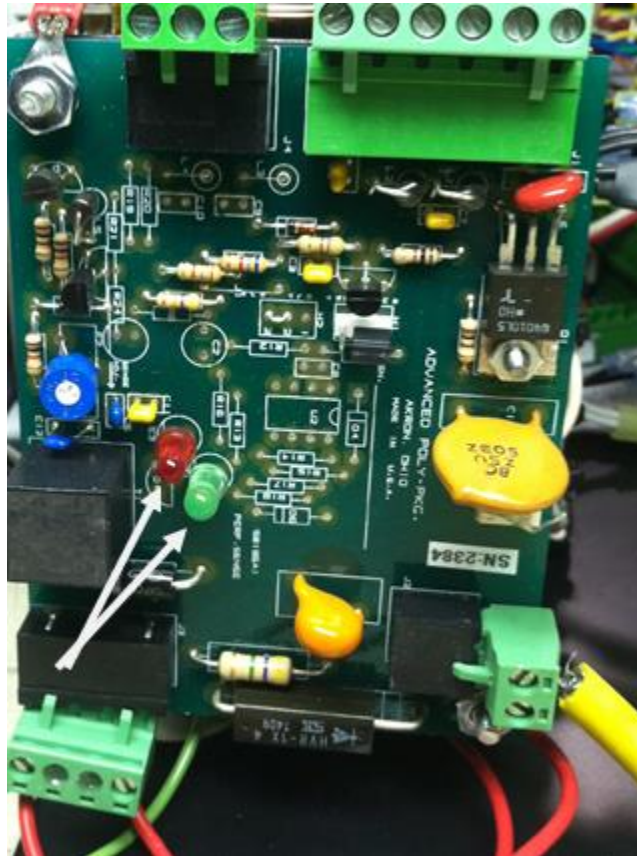


Make sure all connections are tight.



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Locate the red and green LEDs on the High Voltage Board. When the Perf on the bags goes between the Perf Sensor and Steel Roller these two LEDs will flash, one after another. If not, you need to adjust the sensitivity of the High Voltage.



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There is an older style High Voltage Board and a newer style.



Above Older Style



Above Newer Style



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To Increase the Sensitivity, turn the Potentiometer in the direction shown below.
Note: Old Style and New Style are different.



More sensitive



More Sensitive



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Using a small screw driver turn the potentiometer slightly, then cycle the Bagger. You should see LEDs flash one after another. If you still need help call Advanced Poly. (330) 785-4000, and ask for Service Dept.