How To

Service Documents from APPI

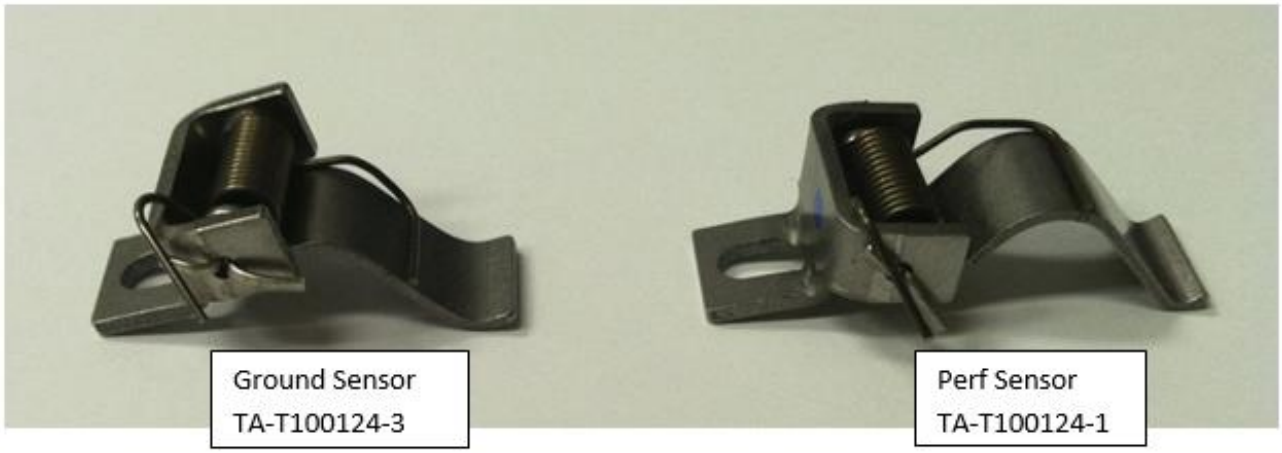
Document: #HT000045

Document Title: Check High Voltage Sensors

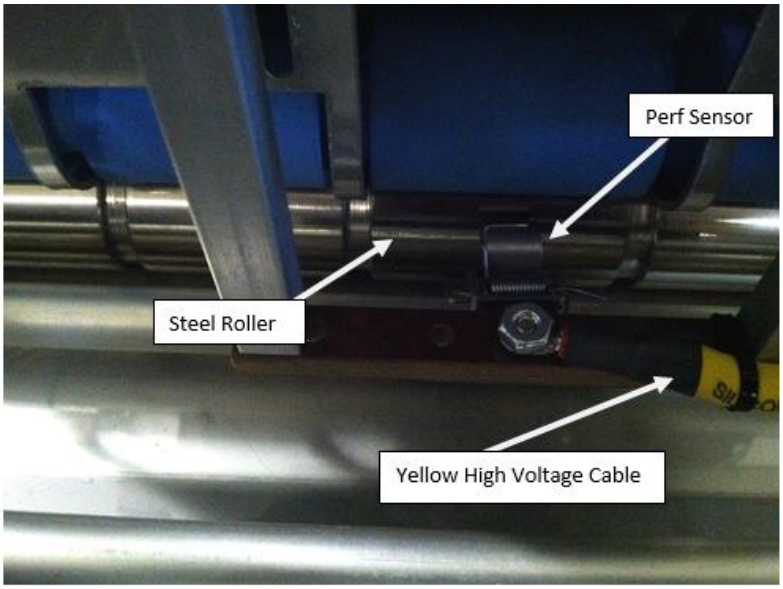
Product(s): T-1000

Procedure:

You will notice that there are two different types of Sensors. One is the Ground Sensor and the other one is the Perf Sensor. The Perf Sensor has more of a curve in it.

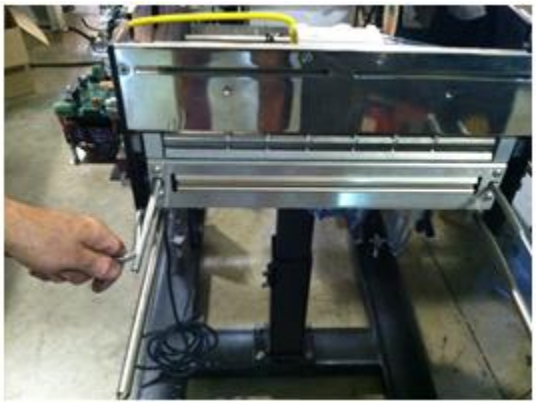


The Perf Sensor is located behind the Blue Roller. It should be touching the Steel Roller.

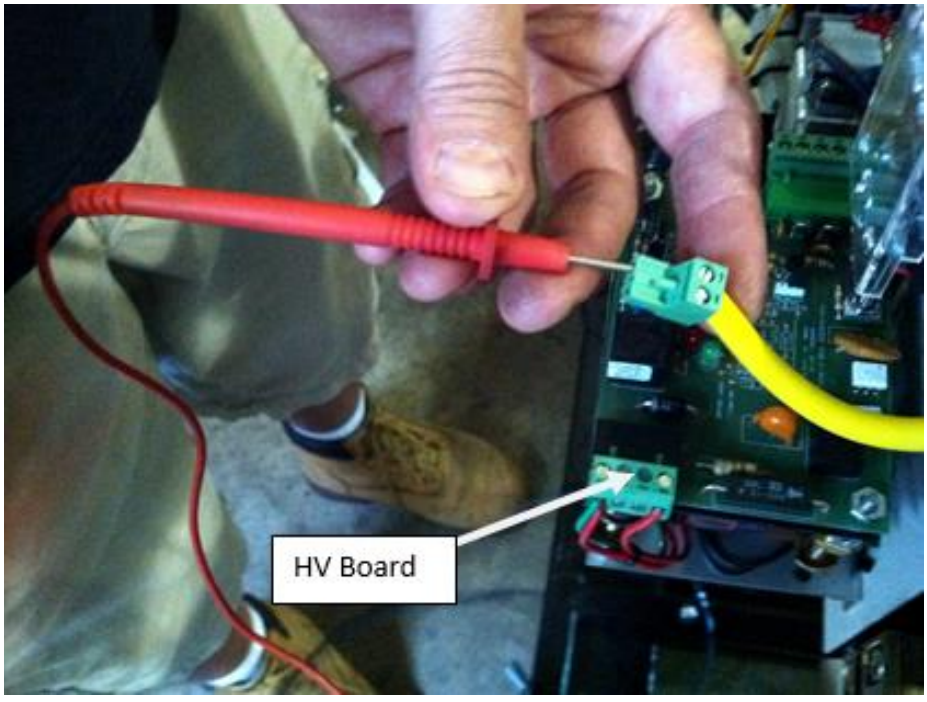


Turn Power Off

Lower the Jaw

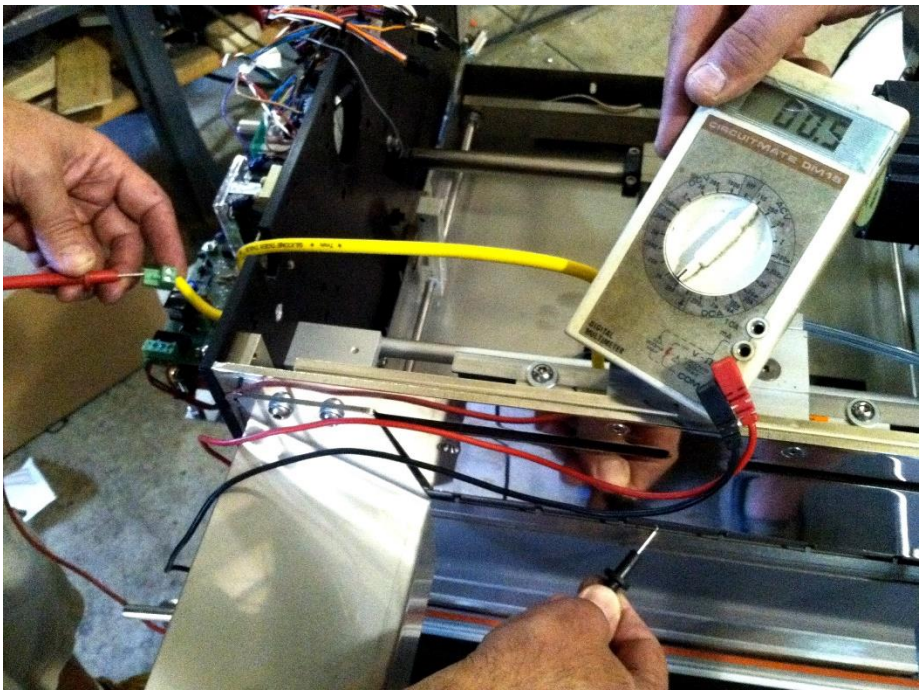


Then Close the Jaw



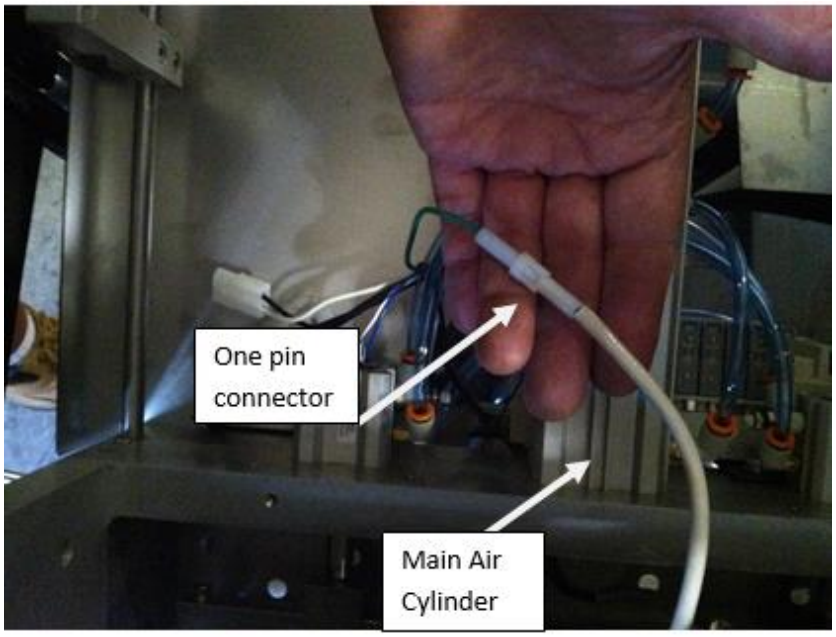
Unplug the High Voltage Cable from the HV Board. Set your Meter to Ohms (Ω). Put a test lead into the pin with the Yellow Cable in it.

Touch the Steel Roller with the other test lead. You should read CLOSED or some Ohms. If it reads OPEN, then make sure your Perf Sensor is touching the Steel Roller. Also check that the Perf Senor is clean and all connections are good.



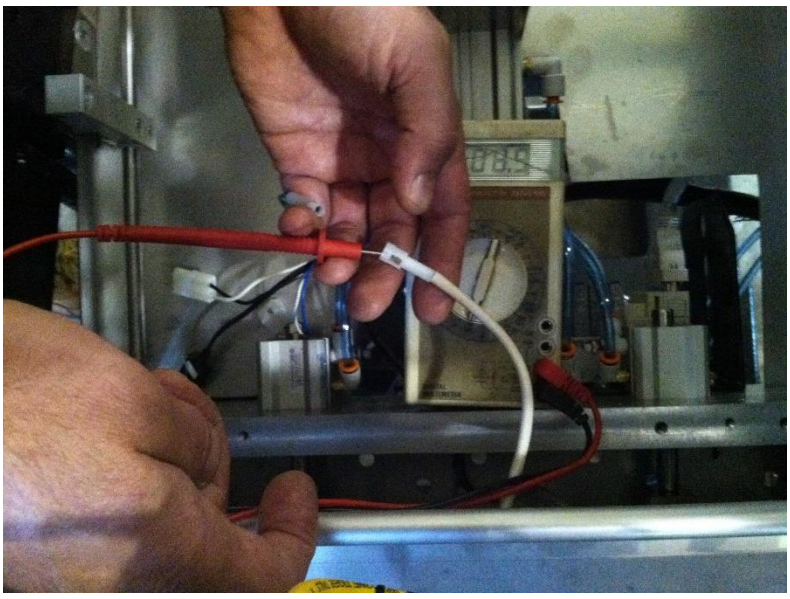
Now, open the Jaw.

Checking the Ground Sensor:



Locate the Ground Sensor Wire behind the Steel Roller near the Main Air Cylinder.

Disconnect the one pin connector.



Set your Meter to Ohms. Put one Test Lead in the Ground Sensor Wire Connector.

Touch the Steel Roller with the other Test Lead. Your Meter should read CLOSED.

There are two types of High Voltage Boards. The difference is the potentiometer, the one on left is black and white and the one on right is blue and white.

With a small screw driver, turning the adjustment on the potentiometer counter clockwise will increase the sensitivity of the High Voltage Board.

The Green and Red LEDs should flash one after the other when it senses perf.

- High Voltage Board P/N TP-T1ME00301
- High Voltage Transformer TP-211386