



**MRT-1105 SWAK (01/13/15)**  
**“Sensor Adjustment on Dual Pumps”**

**Tool List:**

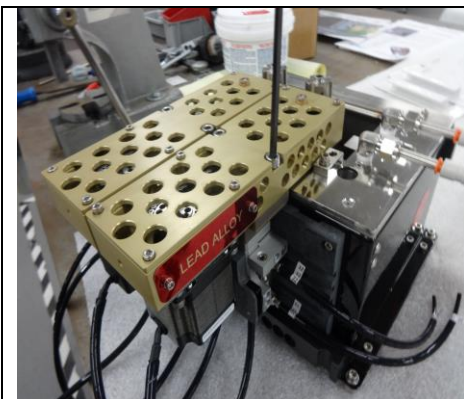
¼ inch T Handle  
 Small Precision Slotted Screw Driver  
 7/64 Allen T Handle  
 3mm Metric Allen Wrench  
 Safety Glasses  
 High Temp Gloves



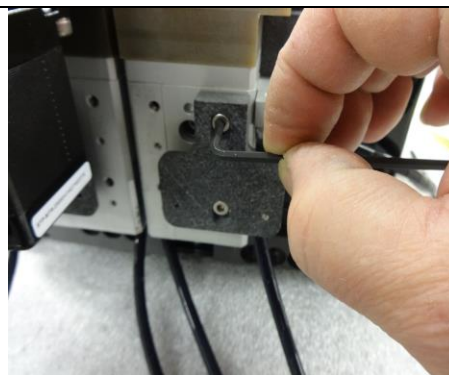
**“Always wear safety glasses and high temp gloves while performing maintenance on HOT solder pumps”**

**1. Adjust the “Up” Sensor**

**NOTE: “Keep sensors plugged in.”**



First take off cover. Then unplug and remove the proper pump.



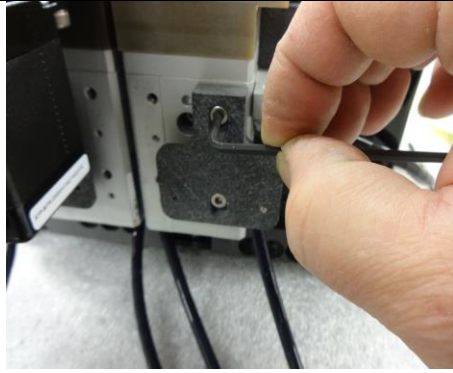
**Loosen** the 2 M4X10 screws using the 3mm Allen wrench.



**Make sure the cylinder is in the UP position. Adjust** the sensor mount until the up light is “ON” the computer screen. Then tighten in position.

## 2. Adjust the “DOWN” Sensor

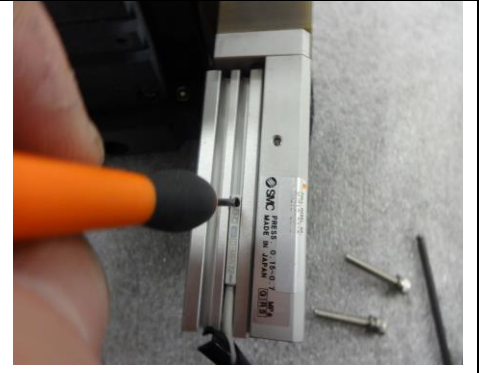
NOTE: “Keep sensors plugged in.”



Put the cylinder in the “Down” position and remove the “UP” sensor mount using the 3mm Allen wrench. **Save ALL hardware!**



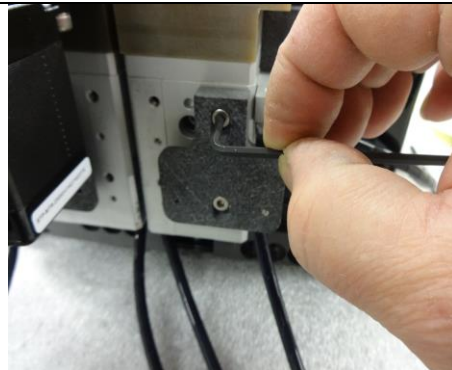
Using the 7/64 Allen T handle remove the cylinder from the mounting plate. **Save ALL hardware!**



**Make sure the cylinder is in the DOWN position. Adjust** the sensor using a precision screw driver to loosen. Then slide the sensor until the light comes on the sensor and computer screen. Then properly tighten.



Attach cylinder to the mount using the 8-32 1” screws with lock washers 2X.



Using the 3mm Allen wrench attach the up sensor mount to the cylinder using the M4X10 screws 2X. Make sure the sensor is in the proper position!



Replace pump using the 1/4-20 1 1/4 inch screws. 2X Then put cover on!

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