



**TIPS ON CARE AND USE OF THE PIN TOOL ROBOT  
VP 903**

**WARNING: Keep hands and clothing clear of any moving parts when in operation.**

**Initial Setup:**

1. Attach the labeled connection cords on the Pin Tool Robot to the corresponding connections on the back of the control box. Tighten only hand tight.
2. Place the Power switch in the OFF position and place the Stop/Run switch in the STOP position.
3. Plug the power cord into 11 OV outlet.
4. Clean the pin tool with the VP 110 Pin Cleaning Solution. (See Technical Note 40)
5. Insert the pin tool onto the arm of the Pin Tool Robot. The top mounting plate of the pin tool will rest on top of the arm of the robot.

*Home Deck Position (This should only be done after shipping or if alignment problems are a suspected issue)*

6. Insert 96 well plate into Deck Position 1.
7. Turn Power switch to the ON position then turn the Stop/Run Switch to the RUN position.
8. Turn the Power switch to the OFF position just before pins of the pin tool touch the bottom of the 96 plate.
9. Visually inspect that the pins of the pin tool are centered in the outside wells.
10. If pins are not aligned, loosen the four screws located on the top of the circular deck. Only loosen the screws till the deck rotates manually. Do not take the screws out.
11. Once the pins are centered in the wells of the 96 well plate tighten the screws.
12. Turn the Stop/Run switch to the STOP position then turn the Power switch to the ON position.
13. Turn the Stop/Run switch to the RUN position and test to ensure proper deck position alignment.

(858) 455-0643 • Fax: (858) 455-0703 • [email: sales@vp-scientific.com](mailto:sales@vp-scientific.com)

# Pin Tool Robot

