How to Change Pins in a Pin Tool:
PerkinElmer Janus

Top Float Plate

Hex Nut

Stand-off

Bottom Float Plate

Pin
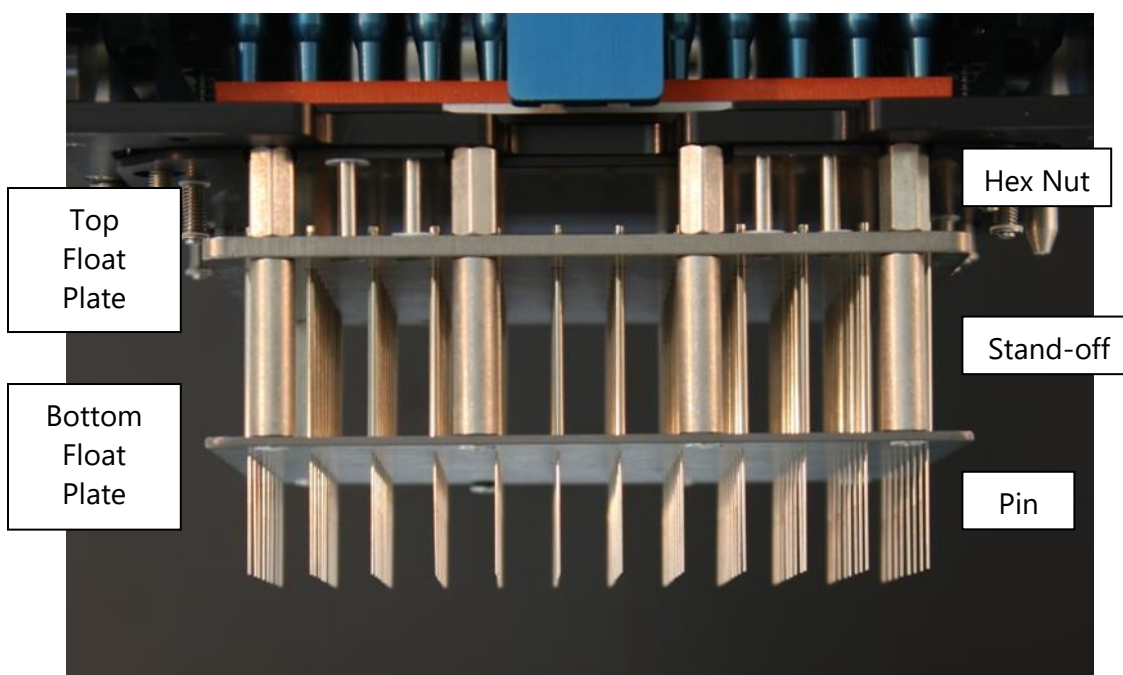
Parts of a Pin Tool on a PerkinElmer Janus.
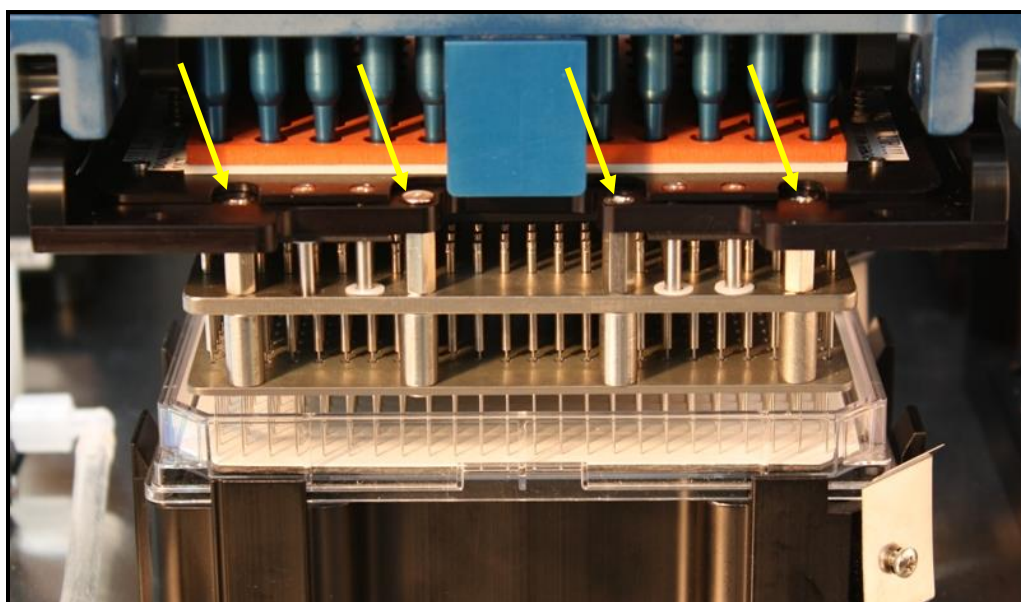
Pin tool on a PerkinElmer Janus, mounting plate screws indicated by yellow arrows.
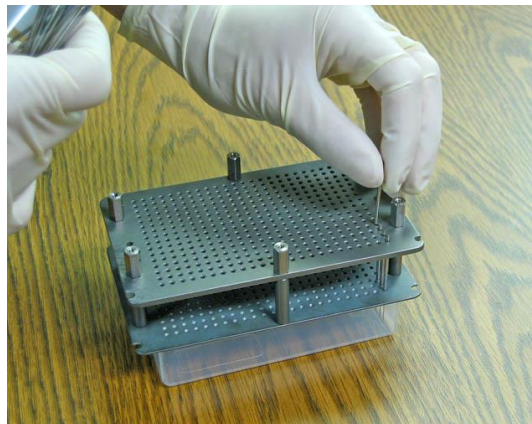
Remove Mounting Plate

Place pin tool in a support, without the docking/loading station, so that pins are protected. Pin tool is shown below setting on top of a tip lid box to allow the pins to be in the down position. Four of the eight screws that hold the mounting plate to the fixture are indicated with yellow arrows in the photo below:
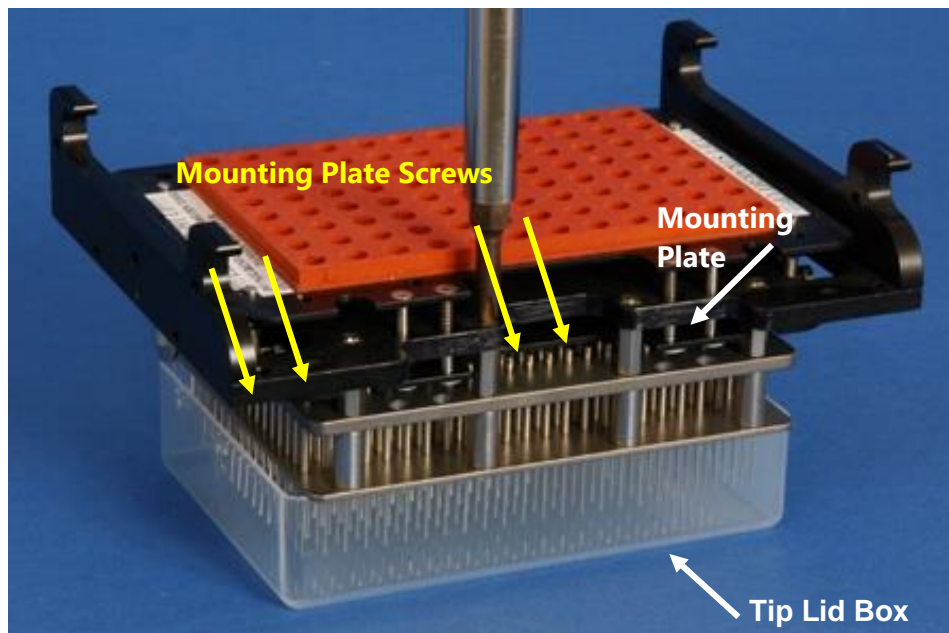
Remove the mounting plate by removing the 8 screws. Make sure the hex nuts below the mounting plate do not turn as these hold the two plates of the fixture together. Once the screws are removed, lift the mounting plate straight up.

Change Pins

If all pins are to be changed out for another type of pin, place pins into vials or other suitable container for storage. Wearing latex gloves can help with gripping pins.

Replace Mounting Plate. Reverse the steps above, making sure that the two float plates are still aligned and all screws are tight.