



# INSTALLATION INSTRUCTIONS

**Part Number: 162-8110 and 162-8111**

**Part Name: Turret Pocket Assembly**

**Revision Date: 5/31/17**

**Approved By: Don Agent**

**Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop and contact the Kegel Pinsetter Parts Tech Support department at the numbers listed below.**

## **Tools Required:**

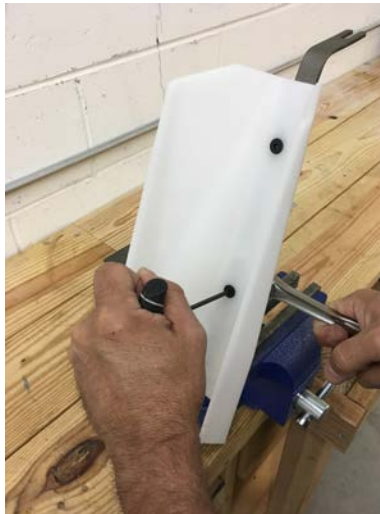
5/32" Hex T-Handle or equivalent allen wrench  
7/16" Wrench  
7/16" Socket  
Ratchet of choice

## **Parts List:**

<b>Qty.</b>	<b>Part number:</b>	<b>Description:</b>
1	162-6189	Turret pocket
1	162-6192 or 162-6191	Turret pocket bracket
4	153-2004	1/4" Flat washer
2	153-2014	1/4" Lock washer
2	153-2020	1/4" X 20 Nyloc nut
2	153-2023	1/4" X 20 Hex nut
2	153-2052	1/4" X 20 X 7/8" HHCS
2	153-2968	1/4" X 20 X 3/4" FSHCS

## Steps:

1. Assemble the Turret Pocket by placing the lower end of the metal bracket in a vice as shown in the picture below. There is a slotted hole on every bracket. This hole location is referred to as the lower end of the bracket. Lightly clamp the bracket into the vice. **WARNING: DO NOT OVERTIGHTEN VICE AS THIS MAY DEFORM THE BRACKET.**
2. Attach the pocket to the bracket using two 153-2968 bolts, two 153-2004 flat washers and two 153-2020 nyloc nuts that were provided in the hardware kit. Securely tighten all hardware.



## Steps: Installation of turret pocket.

1. Cycle pinsetter to 270 degrees.
2. Completely disconnect all power and follow proper lock out/ tag out procedures.
3. Remove the spring from the spoon release cam follower and index the turret by hand so the desired position is opposite of the snubber.
4. Release the spoons by moving the interlock probe away from the center chute. This will allow easier access to the 1/4" X 20 nut under the bottom turret plate.
5. Remove both top and bottom pin guide clamps and rubber cushions. Remove existing pin guide wires.



6. Install one 153-2052 bolt and one 153-2004 flat washer through the existing hole in the bottom turret plate as shown in the picture below. Place a 153-2004 lock washer and 153-2023 hex nut on the bolt. Thread the hex nut a few turns onto bolt. Do not tighten.



7. Install turret pocket and bracket assembly ensuring the flat washer is above the slot in the mounting bracket. Insert the bracket so the bolt is 2/3rds of the way into the bottom slot as shown in the picture below. Lightly tighten hardware with fingers. Install the additional hardware for the top of the bracket in the same fashion.



8. Rotate the spider assembly ensuring the spoons are in the locked position. Adjust the turret pocket left or right so it is perfectly centered over the spoon as shown in the picture below. Tighten hardware.



9. Replace spring on the spoon release cam follower.
10. Restore power and test cycle the machine several times to ensure proper operation.
11. Visually verify the pins are setting properly on the spoon as the turret indexes. The bracket design is slotted so if an adjustment is required simply loosen the bracket and adjust as needed.

