

**FURROW V CLOSER MOUNTING INSTRUCTIONS**

**John Deere 1700 Series Planters**

(Read Instructions Completely before Beginning Installation)

**Before working on your planter or drill**

**DANGER:** when storing or working on the planter always install cylinder stops or place the planter on stands to prevent personal injury or damage to the attachments. Do not allow planter to rest on poly FVC discs as they can warp

**Mounting Instructions**

Before you begin, verify the “package contents” to ensure all items are included.

**Step #1:** Assemble the Furrow V Closer. Remove the 3/8” square headed set bolts from the mounting bracket and install the two 3/8” jam nuts. Remove right side press wheel. Mount FVC bracket to matching holes of tail section. Clamp mounting bracket into place with top of the bracket parallel to the top of the tail section. Drill a 3/8” hole at front of the mounting bracket (**fig. (a)**). Install the 3/8” x 1” bolt. Tighten all nuts and replace press wheel.

**Step #2:** Install poly disc to all-thread end of shaft using a 3/4” jam nut on each side of the disc. Inward and outward adjustment is made with the 3/4” jam nuts. Start at a distance of 3/4” between the **hub** and the **shaft (fig. (b))**.  
**Ex.:** Use a 1/2” hex sided nut from your bolt bin and place it between the shaft and hub to give 3/4”. Then tighten both 3/4” jam nuts.

**Step #3:** Now you are ready to install the shaft into mounting bracket. Depth and pitch will be set simultaneously before set bolts are tightened. Set the depth of shaft (**fig. (c)**) at 5 1/4” - 5 1/2” where adjustment is measured from the bottom of the dome tube down to where the all thread shaft is welded on. Set depth of disc at 3/4” - 1” deep in field to fill the furrow with soil. (**fig. (d)**). Adequate pitch is important to prevent the poly discs from warping. One gauging tool to help in setting correct pitch is provided with every 2 rows.

**Step #4:** Place gauging tool over shaft (**fig. (e)**). Turn gauging tool counter clockwise until gauge pin bumps against the front of the FVC mounting and frame of press wheel bracket. Line up marks on gauge tool with mark on shaft which equals 3/4” pitch. With depth and pitch set, tighten square headed set bolts into shaft.

**Step #5:** Poly disc will rest on the gauge wheel tire without harming it when planter is raised. When optional steel disc is used, a travel stop must be put on the gauge wheel so that the steel disc will not cut the tire when raised.

**Important Points to Remember:**

- When setting the pitch of the Furrow V Closer; lift the gauge wheel up so the FVC disc can properly be pitched. Gauge wheel tire will rest on FVC disc and will not hurt it.

FVC Package Contents for John Deere 1700 Planters (per single row)	
<b>HARDWARE KIT</b>	
Item	Quantity
1/4” x 3/4” carriage bolt*	4
1/4” nut*	4
1/4 lock washer*	4
3/8” x 1” bolt	2
3/8” x 1 1/2” bolt	1
3/8” nut	3
3/8” flat washer	1
3/8” lock washer	3
1/8” x 1” cotter pint	1
3/4” jam nut	2
3/8” jam nut	2
3/8” x 1” set screw*	2
gauging tool (per box of 2)	1
Instruction Sheet	1
<b>PARTS LIST</b>	
Item & Part #	Quantity
Gray Poly Disc (1002)	1
Steel Disc (optional - 1003)	1
Hub (2001)	1
Bearing (3001)	1
Shaft (4001)	1
Mt. Bracket (5011)	1
*NOTE: some hardware is installed at the factory.	

