

FURROW V CLOSER MOUNTING INSTRUCTIONS

White 5000 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. Begin by removing the two 3/8” square headed set bolts from the mounting bracket and install the two 3/8” jam nuts. Mount the FVC bracket installing the two carriage bolts in the square holes on the left tail section bracket of the press wheel. Attach mounting bracket and tighten bolts.

Step #2: Install the 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 shaft (**fig.(a)**). **Ex.:** use a 1/2” hex sided nut from your bolt bin and place it between the shaft and hub to give 3/4”. Tighten both 3/4” jam nuts.

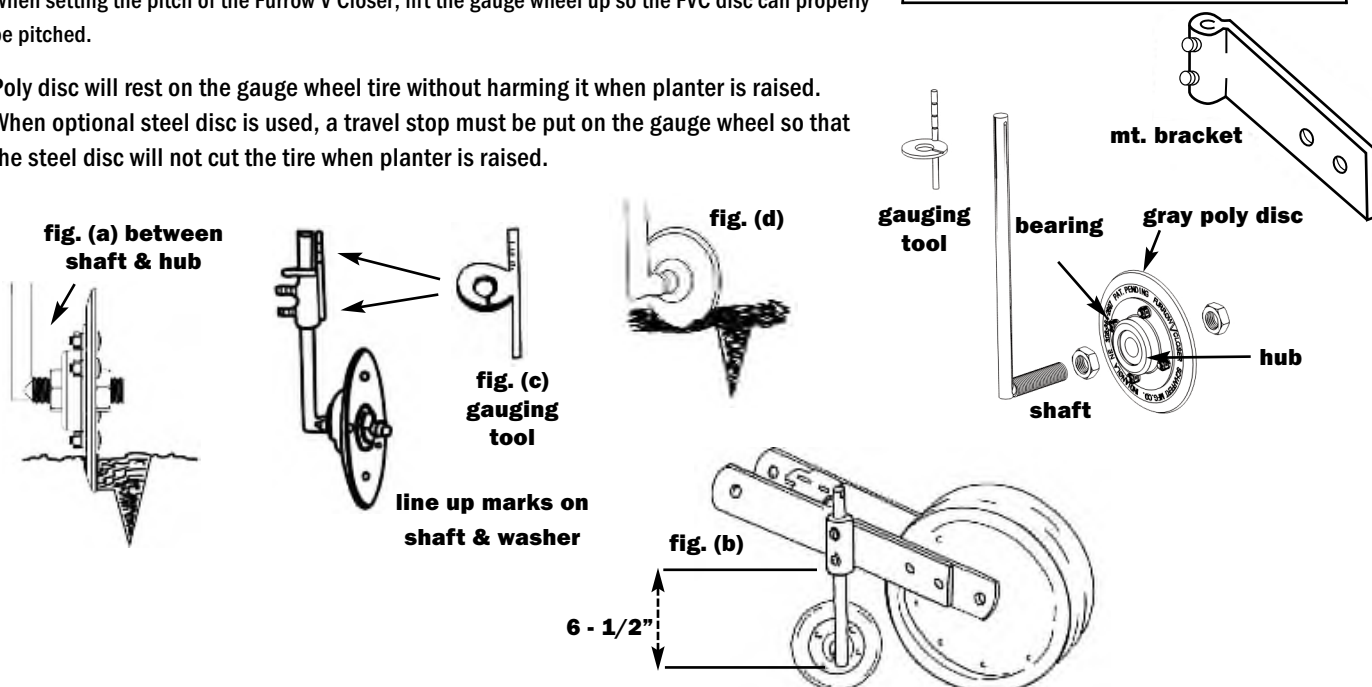
Step #3: Now you are ready to install the shaft into the mounting bracket. Depth and pitch will be set simultaneously before set bolts are tightened. Set the depth of shaft at 6-1/2” (**fig. (b)**).

Step #4: Use the gauging tool to help in setting correct pitch. This is provided with every 2 rows ordered. Place the gauging tool over the shaft (**fig. (c)**). Turn gauging tool clockwise until gauge pin bumps against the front of the frame of the press wheel bracket. (**fig. (d)**). With depth and pitch set, tighten square headed set bolts into shaft. Adequate pitch is important to prevent the poly discs from warping.

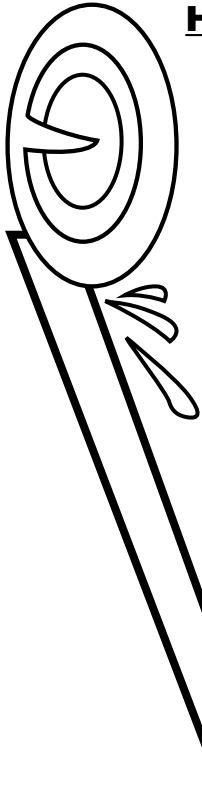
Important Points to Remember:

- When setting the pitch of the Furrow V Closer; lift the gauge wheel up so the FVC disc can properly be pitched.
- 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 planter is raised.

White 5000 FVC Package Contents (per single row)	
HARDWARE KIT	
Item	Quantity
1/4 x 3/4 Carriage Bolt	4
1/4 Nut	4
1/4 Lock Washer	4
3/8 x 1” Carriage Bolt	2
3/8 Nut	2
3/8 Lock Washer	2
1/8 Cotter Pin	1
3/4 Jam Nut	2
3/8 Jam Nut	2
Instruction Sheet	1
PARTS LIST	
Item & Part #	Quantity
Gray Poly Disc (1002)	1
Steel Disc (optional - 1003)	1
Hub (2001)	1
Bearing triple seal (3001)	1
Shaft (4003)	1
Mt. Bracket (5002)	1
*NOTE: some hardware is installed at the factory.	



FURROW V CLOSER™ HELPFUL HINTS



Helpful Hints for Mounting Furrow V Closers

The key to making the Furrow V Closer work is taking a few minutes to adjust and tighten it in the field. The recommended depth is 3/4" (1" maximum). Adjust to suit different soil types, moisture, or residue. Disc does not have to turn 100% of the time to work properly. Remember, every planter is different, fields can be different and soil conditions can change.

Make final adjustments of the FVC with the planter in the ground and stopped to check each row. You want the seed trench filled with soil ahead of the press tires. Be sure to tighten all bolts and all jam nuts and triple seat set screws (loosen and tighten 3 times). This removes any paint on the shaft and allows the end of the set screw to dig into the shaft, preventing the shaft from turning or slipping. Install 1/8" cotter pin in top of shaft.

Normally once the Furrow V Closers are set there is no adjusting necessary later.

Important Points to Remember

- Do not allow planter to rest on poly Furrow V Closer discs during storage! Furrow V Closer discs can warp!
- Check the tail section's full range of motion for adequate FVC clearance.
- If you have a field you don't need to use the FVC on, just remove the bearing, hub, and disc assembly and not the shaft it runs on. This saves time in re-setting the FVC when you need it. More pitch and less depth move the same amount of soil.
- Reduce the down pressure on the press wheels! This helps prevent compaction which allows quicker emergence and at the same time saves press wheel bearings.
- The FVC stitches the seed V shut so it doesn't crack back open on a hot, windy day after planting.