

FURROW V CLOSER MOUNTING INSTRUCTIONS

IH 400-500 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 to matching holes of tail section. Install the 2 carriage bolts in the square holes on the left tail section arm. Attach the mounting bracket and tighten bolts. Most IH 400-500 planters have the holes for the FVC bracket. On some models it may be necessary to drill one hole. Install the 3/8 x 1" bolts (fig. (a)). Tighten all nuts.

Step #2: Install poly disc to all-thread 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" - 1" away from the furrow opening (fig. (b)) or about 1-1/2" between the hub and shaft (fig. (c)). 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.(d)).

NOTE: Adequate pitch is important to prevent the poly discs from warping. One gauging tool to help in setting correct pitch is provided with every two rows of Furrow V Closers.

Step #5: Place the gauging tool over the shaft (fig. (e)). Turn gauging tool counter clockwise until gauge pin bumps against the front of the FVC mounting and the frame of press wheel bracket. Line up marks on gauging tool with mark on shaft which equals 3/4" pitch. With depth and pitch set, tighten square headed set bolts into shaft.

NOTE: An optional steel disc is available for use in very tough soil conditions or in rocky soils.

IH 400-500 FVC Package Contents (per single row)	
HARDWARE KIT	
Item	Quantity
1/4 x 3/4" carriage bolts	4
1/4 nuts	4
1/4 lock washer	4
3/8 x 1" carriage bolt	2
3/8 nut	2
3/8 lock washer	2
1/8" x 1" cotter pin	1
3/4" jam nut	2
3/8" jam nut	2
3/8" x 1" set screws*	2
gauging tool (per box of 2)	1
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 (4004)	1
Mt. Bracket Right (5006)	1
*NOTE: some hardware is installed at the factory.	

