

G2™ MOUNTING INSTRUCTIONS

John Deere Planters

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.

PLEASE: Read instructions completely and verify all package contents before beginning installation.

NOTE: *There are left-hand and right-hand G2 units (determined facing planter from the back.).*

! WHEN YOU PICK THE PLANTER UP, THE GAUGE WHEEL WILL HIT THE PRESS WHEEL.

When you set the planter back down, the gauge wheel will go forward and the tail section will go backward so that they will not hit while running in the field. WHEN INSTALLING THE G2, EITHER TIE THE GAUGE WHEEL FORWARD OR THE TAIL SECTION UP.

Installing the Arm Bracket to the Tail Section

- 1: Remove both press wheels from tail section of planter.
- 2: Bolt one mounting bracket (1R or 1L) using two of the four 5/8" button head bolts and jam nuts to the tail section.
- 3: Slide stainless spindle bolt through the arm bracket's center hole. With the single prong of the arm bracket toward the front (the double prongs coming out the back), bolt the arm bracket, stainless spindle bolt, and opposite mounting bracket to the tail section and other mounting bracket using the other two button head bolts and jam nuts. Thread two 5/8" nuts on the outsides of the spindle bolt.
- 4: Next, put the 3/8" x 3/4" bolt and lock nut in top of mounting brackets using the lock washer on the inside of the nut.
- 5: Before tightening button head bolts and 3/8" bolt, be sure the brackets are straight across from one another. After aligning the brackets, tighten the button head bolts with a 3/8" Allen wrench type socket. Tighten the 3/8" bolt on the top of the bracket and the two 5/8" nuts on the spindle bolt so fertilizer bracket flexes freely.

Installing the Fertilizer Bracket & Disc to the Arm Bracket

- 6: Slide the diamond-shaped wedge on the fertilizer bracket up into the slotted notch over the two holes on the arm bracket. Slide the 5/8" x 3" bolt through the fertilizer bracket then arm bracket.

NOTE: *There are 2 holes of adjustment for the fertilizer disc on the arm bracket. From the top down, they are 1" and 1-3/4" disc depth. Most producers use the bottom hole. If using top hole, you may have to reverse the bolt to fit.*

- 7: Slide 1/2" spacer and then fertilizer disc assembly (with the hub and nuts facing out away from the arm bracket) over the bolt. Thread 5/8" lock nut on bolt and tighten into place.
- 8: Position the trash deflector over the square hole on the top side of the fertilizer bracket using the 1/4" x 3/4" carriage bolt and whiz nut, so one can adjust the deflector in or out to keep disc from plugging with residue or mud. The carriage bolt should be threaded from under the bracket so that the nut is on the top side of the trash deflector, and tightly secured. The trash deflector blade runs parallel with the G2 disc blade (approximately 3/8"-1/2" away). If you are in muddy conditions or have a lot of fine residue build-up, you may wish to adjust trash deflector further out, 1/2"-1" away from disc blade.
- 9: **REFER TO PIVOTABLE FERTILIZER KIT MOUNTING INSTRUCTIONS** for installing the adjustable pivot brackets, injector orifice*, and threaded tube guide to the fertilizer bracket.

**Low pressure 5# to 25# will place fertilizer about 3/4" to 1" deep into the soil. High pressure 25# to 40# will inject the fertilizer from 1-1/2" to 2" deep into the soil. The high pressure injector orifice puts on from 2 to 40 GPA of fertilizer by injecting it deeper into the soil. Caution when using high pressure, it may cause fertilizer to splash on the planter.*

- 10: Slide rubber boot up over bottom end of fertilizer tube guide. Secure in place with hose clamp.

Installing Closing Wheels to the Arm Bracket

- 11: Bolt the closing wheels to the arm bracket using 5/8" x 3-1/2" carriage bolts and nuts. **FRONT CLOSING WHEEL WILL REST ON THE GAUGE WHEEL.**

Use your 1/2" or 1/4" spacers on inside of wheels if needed to position wheels in or out from seed furrow to suit your preference for proper closing.

Two Mohawk or Zipper wheels can be run the same as regular press wheels and will give better seed to soil contact. See Mohawk or Zipper Mounting Instruction sheet when installing these closing wheels.

G2 Fertilizer Disc Package Contents (per single row)

Item	Quantity
Arm	1
Bearing, Disc, Hub (Assembly)	1
Brackets (1 Left & 1 Right)	2
3/8" x 3/4" Bolt	1
3/8" Lockwasher	1
3/8" Lock Nut	1

G2 Wheel Bolt Package Contents (per single row)

Item	Quantity
Spindle Bolt	1
5/8" x 3-1/2" Carriage Bolt	2
5/8" x 1-1/4" Button Head Bolt	4
5/8" Jam Nut (Half Nut)	4
5/8" Nut	4
Hose Clamp	2
1/2" Spacer	2
1/4" Spacer	2

G2 Trash Deflector Package Contents (per single row)

Item	Quantity
Fertilizer Bracket	1
Trash Deflector	1
Rubber Boot	1
1/2" Spacer	1
5/8" x 3" Bolt	1
5/8" Lock Nut	1
Instruction Sheet	1

Pivotable Fertilizer Kit Package Contents (per single row)

Item	Quantity
G2 FAB Bracket Package	1
Injector Orifice Package	1



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