

# ZIPPER WHEEL MOUNTING INSTRUCTIONS

## Standard & Cast Zipper

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:** When running one spiked wheel and one standard closing wheel, stagger the wheels; it does not matter which wheel runs first.

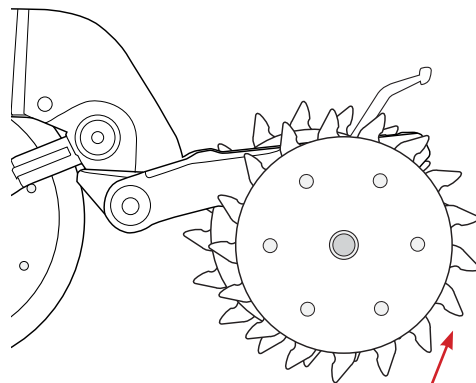
Remove the original closing wheels, and use the existing 5/8" x 3.5" bolt and nut to mount the Zipper wheels to your tail section. The **gold spiked wheels are rights**; the **silver spiked wheels are lefts**. The tips of the spikes must be pointing out, away from the tail section. **The fingers are pointed down and out in the back** (so that they will be pointed down when they exit and release the soil).

When mounting Zipper wheels, measure the space between the cast rings directly under the lowest point of the rim. **There needs to be 2" - 2.5" distance between wheels** at this point. The wheels should be closer together when planting shallower, and further apart when planting deeper.

**You may need to insert washers or spacers (sold separately) on the inside of each wheel** in order to achieve this distance. You will not need spacers if you are running the Zippers with the G2 liquid fertilizer disc. The spacers are already built into the G2.

### Zipper Wheel Package Contents (per single side)

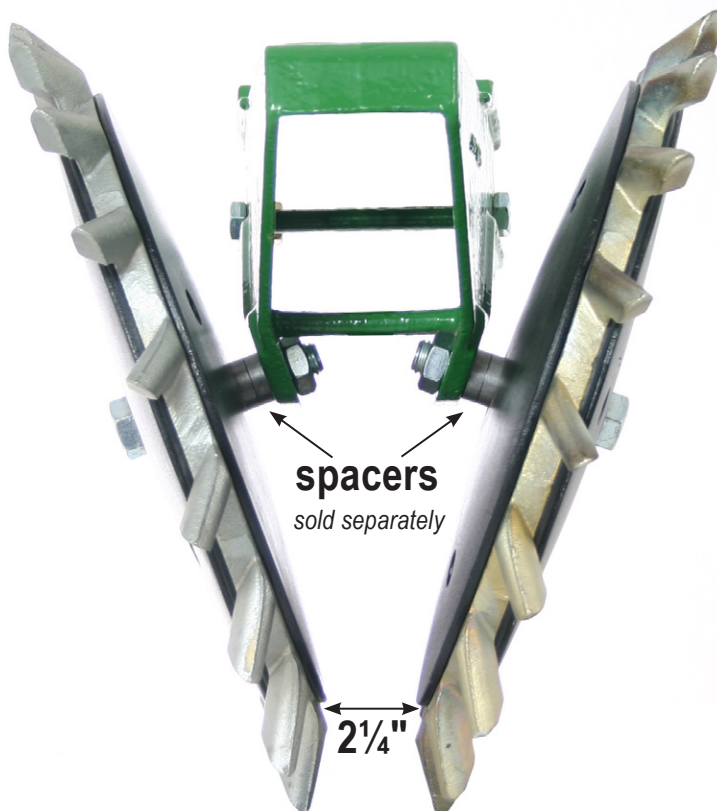
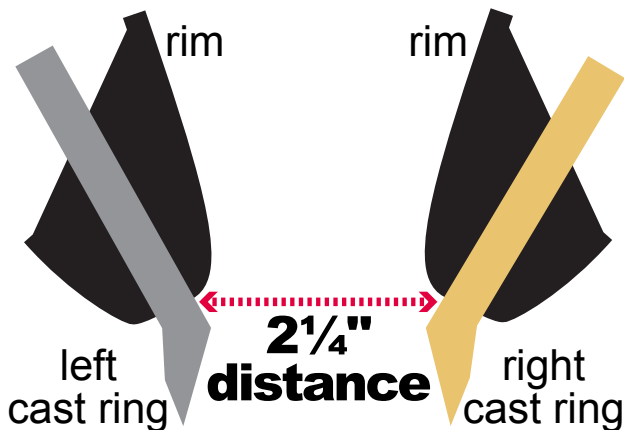
Item	Quantity
Zipper Wheel (standard or cast) . . . . .	1
Instruction Sheet . . . . .	1



**NOTE:** You may need to install spacers to achieve proper distance between the wheels.

Planting 1" deep requires less space between wheels than planting 3" deep.

Wheels should be a **minimum 2" apart** at the noted point and a **maximum 2.5" apart**.



# ZIPPER RING MOUNTING INSTRUCTIONS

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:** Do not turn your planter with the wheels in the ground. If you have GPS or guidance, make sure the planter is fully in the air before turning the planter.

**NOTE:** One 3/32" rubber spacer insert is provided with each ring. It is up to you to determine if you need this spacer to make the ring properly fit; some brands of plastic wheels will not need a spacer. You may need to use 2 of them. Contact us for additional rubber spacers, we have 1/16", 1/8", and 3/32" available.

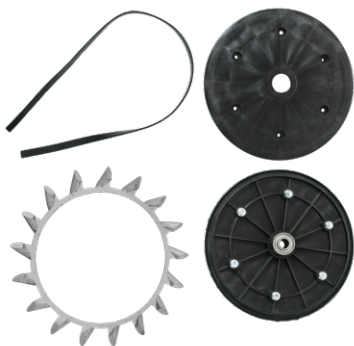
**NOTE:** When running one spiked wheel and one standard closing wheel, stagger the wheels; it does not matter which wheel runs first.

## Zipper (Ring Only) Package Contents (per single side)

Item	Quantity
Zipper Ring .....	1
Zipper Rubber Insert .....	1
Instruction Sheet .....	1

### #1:

Remove plastic closing wheel from the row unit. Disassemble the wheel and lay half of it (one rim) down with the inside facing up.



### #2:

Place the Zipper ring over this half of the wheel.

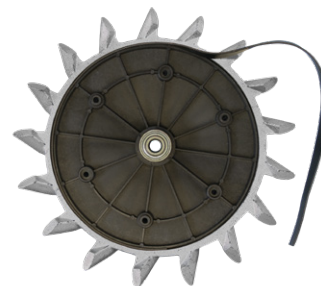


### #3:

Notice the gap that is left between the Zipper ring and the rim. Use tools to shimmy rubber spacer insert into this gap for proper fit.

**As long as the rubber insert make it at least 3/4 the way around will be sufficient.**

Cut off any excess rubber.



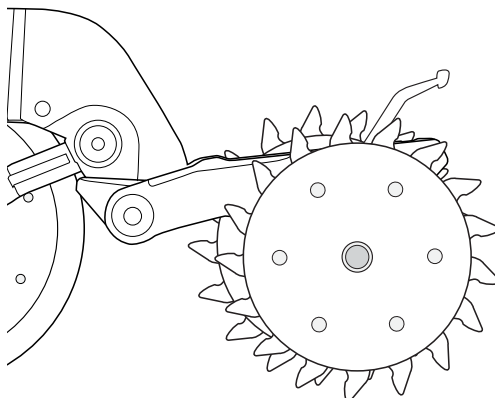
### #4:

Once the ring is assembled, re-assemble the other side of the plastic wheel.



### #5:

The Zippers should be mounted so that **the fingers are pointed down and out in the back** (so that they will be pointed down when they exit and release the soil). Looking from the back of the planter: The **gold spiked rings are rights**; the **silver spiked rings are lefts**.



There should be **2"-2.5" distance between the cast rings**, measured directly under the lowest point of the rim. The wheels should be closer together when planting shallower, and further apart when planting deeper.



**fingers angled down and out in the back**