

CAST CLOSING WHEEL MOUNTING INSTRUCTIONS

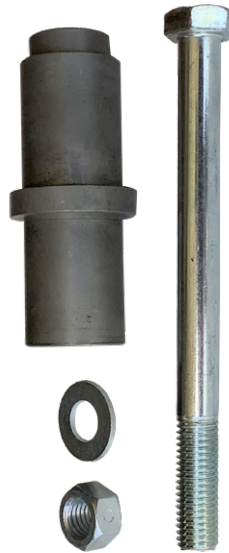
John Deere 1560 1590 1690 1860 1890 1895 1990 Drill

Before working on your planter or drill

DANGER: When storing or working on the drill always install cylinder stops or place the drill on stands to prevent personal injury or damage to the attachments.

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

Verify all "package contents" items.
QTY ITEM list is per single row.



Cast Closing Wheel <i>package contents for part # CMO MMAX ZCL ZCR ZMAXL ZMAXR</i>	
Qty	Item
1	Closing Wheel (cast or Max, Mohawk or Zipper)
1	Instruction Sheet

Wheel Bolt Kit <i>package contents for part # MVPBP</i>	
Qty	Item
1	Bearing [replacement]
1	5/8" x 7-1/2" Bolt
1	5/8" Lock Nut
1	5/8" x 1/4" Spacer

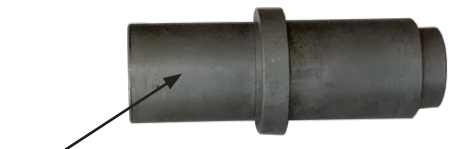
NOTE: There are left-hand and right-hand cast Zipper and Zipper Max wheels.

PREPARING THE CAST WHEEL FOR INSTALLATION

All our cast closing wheels come with a 5/8" bearing pre-installed. This bearing needs to be exchanged with the bolt kit's replacement bearing.

1. Take out the snap ring.
2. Pound the existing 5/8" bearing out of the cast wheel.
3. Pound in the bolt kit's replacement bearing.

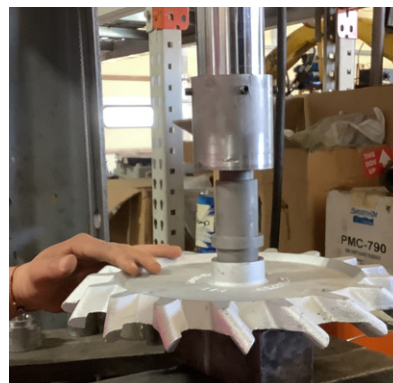
*Make sure the replacement bearing is pounded into the proper side of the cast wheel. Once installed and assembled onto the drill, the **wheel's fingers should be pointed down in the back**. The Zipper's fingers should be pointed down **and out** (away from the wheel arm) in the back. There are Right and Left Zipper wheels that need to correspond with the way your drill is set up.*



Pound this end of the replacement bearing into the cast wheel



The Zipper Max's fingers are pointed down and out in the back



CAST CLOSING WHEEL MOUNTING INSTRUCTIONS

John Deere 1560 1590 1690 1860 1890 1895 1990 Drill

INSTALLING THE WHEEL

When installing your cast wheel, slide the parts on the 7½" bolt in this order:

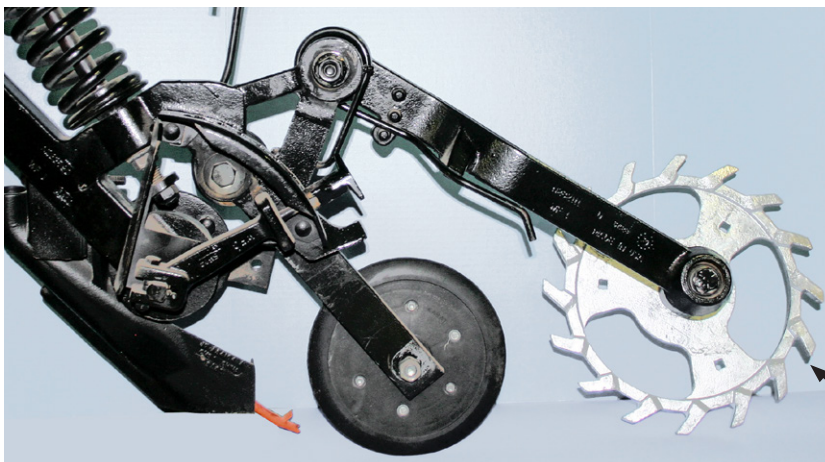
[7½" BOLT → DRILL] ← WASHER SPACERS* ← [BEARING → CAST WHEEL] ← ¼" SPACER ← ⅝" LOCK NUT



*Use original or added washer spacers as needed for desired spacing away from the furrow.

Recommended beginning settings is 1 washer spacer for the Mohawk; 3 washer spacers for the Zipper.

1. Remove the original closing wheel.
2. Replace the original bolt with the kit's 7½" bolt.
3. Take the cast wheel assembly and slide the exposed kit bearing end of this assembly over the bolt first.
Make sure the wheel's fingers are pointed down in the back.
4. Slide the ¼" spacer onto the bolt on the outside of the wheel.
5. Secure in place with ⅝" lock nut.



*Wheel's fingers are pointed down in the back
Zipper's fingers are pointed down and out*