

INSTALLATION INSTRUCTIONS

KINZE 3000

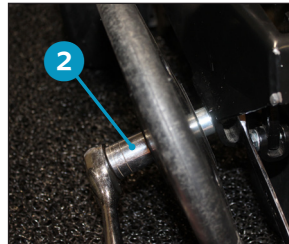
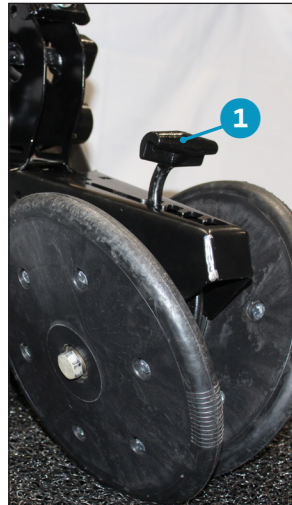


HELPFUL TOOLS

- Hammer/Mallet
- Wrench Sizes: 3/4", 9/16" and 15/16"
- Socket Sizes: 3/4", 9/16" and 15/16"
- Impact

NEED HELP?

Call our Product Support Team at 888-512-4890.



STEP 1 | REMOVE CLOSING WHEELS

Release spring **1** to remove tension from closing system.

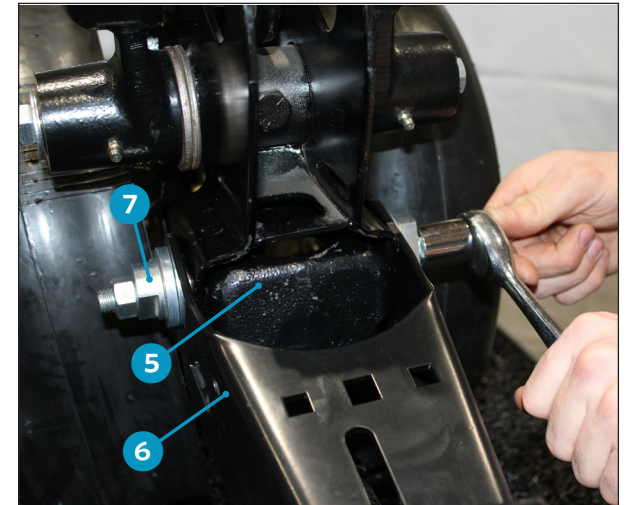
Remove closing wheels with a 15/16" socket and wrench **2**. Retain the closing wheels, bolts, and nuts for re-installation later in the instructions.

If present, remove insecticide attachment.

NOTES:

Removal of the closing wheels is necessary to facilitate the ease of removing and reinstalling the spring.

If you are installing the optional chains kit, the bolts and nuts **3 can be discarded but the bushings **4** need to be kept.**



STEP 2 | REMOVE CLOSING SYSTEM ARMS

Using a 9/16" socket, remove the bolt that holds the closing wheel arm stop **5** to the row unit between the gauge wheels.

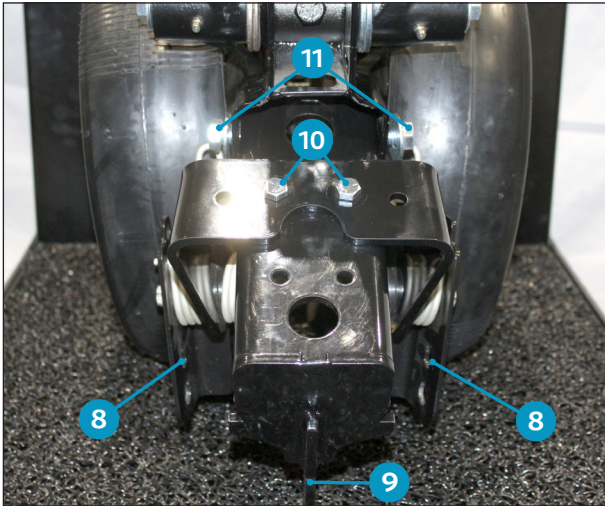
NOTE: The gauge wheels may need to be held up to remove the bolt.

Using a 3/4" socket remove the nut from the carriage bolt that secures the closing system arms on the row unit.

Remove carriage bolt and remove closing system arms **6** from the row unit. Discard carriage bolt, nut and washers. Retain two piece bushing **7**.

Remove spring from closing wheel arm stop and set closing wheel arm stop to the side.

NOTE: Retain closing wheel arm stop in a safe location for installation of closing system without 360 BANDIT.



STEP 3 | ASSEMBLE BANDIT ARM ASSEMBLY (KIT #540560) & EXTENSION BRACKET

Slide the BANDIT arm assembly over the extension bracket, ensuring BANDIT arms **8** are facing in the rearward direction, towards the spring hook **9**.

Secure arm assembly to the front holes **10** on the extension bracket with (2) 3/8" X 1-1/2" bolts and 3/8" flange nuts.

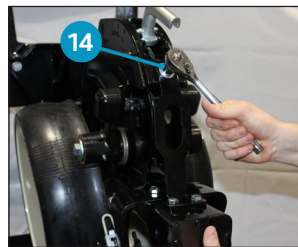
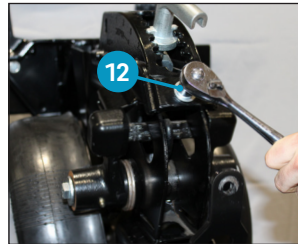
Tighten with 9/16" socket and wrench.

STEP 4 | INSTALL EXTENSION BRACKET

NOTE: Leave nyloc nuts loose on both sides until after the support strap is installed in STEP 5.

Align holes in extension bracket with the holes on the row unit. Install flat washer on the 1/2" x 1-1/2" bolt from hardware kit #540615. Slide bolt through extension bracket and row unit hole (bolt head on the outside) **11**. Install another washer and hand tighten with nyloc nut from hardware kit #540615. Do not tighten.

Repeat for other side.



STEP 5 | INSTALL SUPPORT STRAP

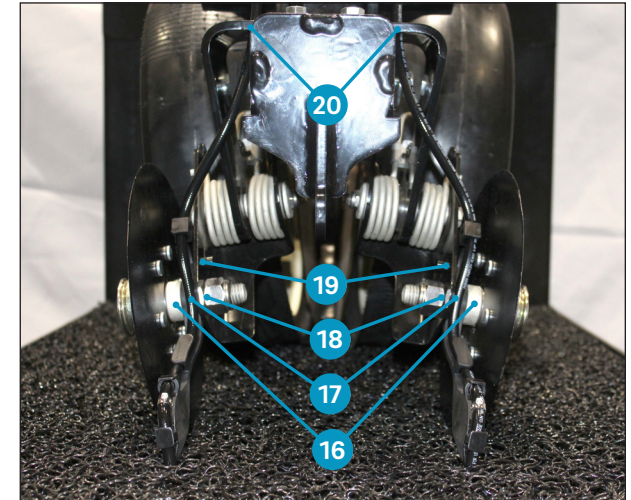
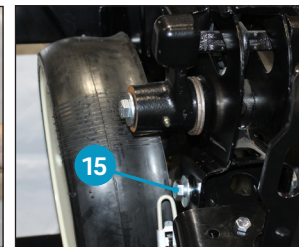
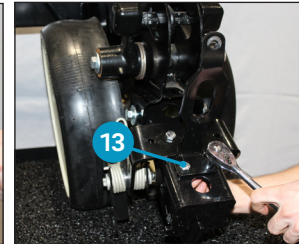
Remove the bolt on the bottom of the depth adjustment assembly **12** and discard.

Attach the support strap to the back holes **13** on the extension bracket with (2) 3/8" x 1-1/4" bolts and 3/8" flange nuts from hardware kit #540615. Tighten bolts with 9/16" socket and wrench.

Secure the top of the support strap to the depth adjustment assembly using the supplied 3/8" x 1-1/4" bolt **14** and washer from hardware kit #540615. Ensure all bracketry is flush when bolt is installed.

NOTE: The extension bracket may need lifted up to align bolt holes. Tighten the bolt down until there is a flat connection between the support strap and the depth adjustment assembly.

Tighten the nyloc nuts that were left loose in STEP 4 with 3/4" socket and wrench securing the BANDIT extension bracket to the row unit **15**.



STEP 6 | INSTALL DISK & HOSE GUIDES

NOTES:

Hose guides are labeled "L" left and "R" right. When holding them in your hands with the ear tabs facing each other, your left hand will be holding the left side hose guide and your right hand will be holding the right side.

The supplied 3/8" x 1" bolt installed in the Bandit pin up hole is to be used as a "zero" setting and as a stop in case of spring disengagement.

Insert 5/8" X 3" bolt through the disk. Insert bushing **16** (large side first) and hose guide assembly **17** (ear tab facing out).

Slide assembly into the lower hole on the bandit **18**, aligning the ear tab with corresponding upper hole **19** and secure with lock nut.

Tighten with 15/16" socket and wrench.

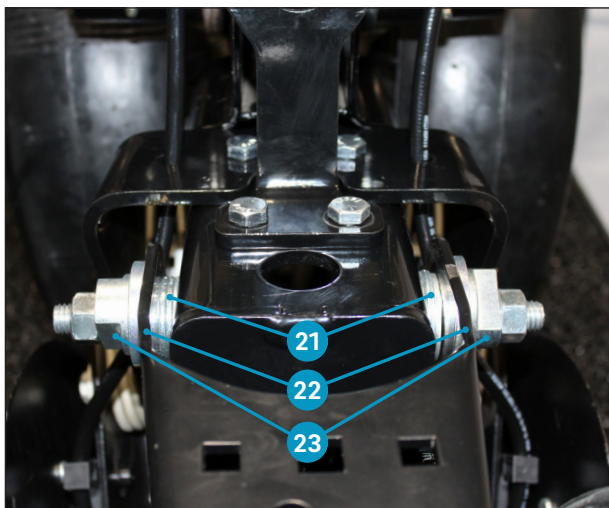
Using a mallet, install provided dust caps over bolt heads.

Route application hose through hole in top of 360 BANDIT frame **20**.

Repeat for other side.

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STEP 7 | INSTALL CLOSING SYSTEM

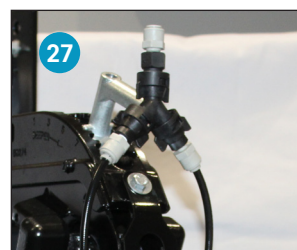
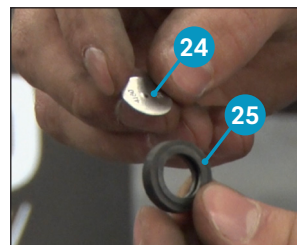
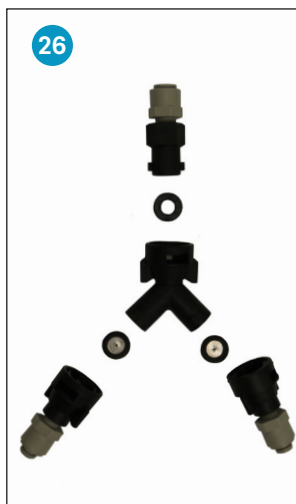
Attach the tensioning spring on the closing system to the spring hook on the BANDIT extension bracket.

NOTE: The amount of spacer washers required will differ between planters/row units. Spacer washers have been provided to fill the gap between the closing wheel arms and the BANDIT extension bracket. Use the quantity of spacer washers required for your system.

Align square holes in extension bracket with required amount of spacer washers 21 and holes in closing system arms 22. From the inside to the outside, slide supplied 2-1/4" carriage bolt through all parts (carriage bolt head on the inside). Secure all parts with the previously set aside two-piece bushing 23 and provided 1/2" nyloc nut. Tighten with 1/2" socket. Adjust bushings according to OEM specs.

Using 15/16" socket and wrench, reinstall closing wheels.

NOTE: If the optional Chain Kit is being installed, do not reinstall the closing wheels.



STEP 5 | ASSEMBLE PLUMBING

NOTE: If hoses are not fully seated in the push to connect, they will leak. Hoses seat 7/8" of an inch deep or until you hear a snap.

Install orifice plates 24 in the rubber grommets 25.

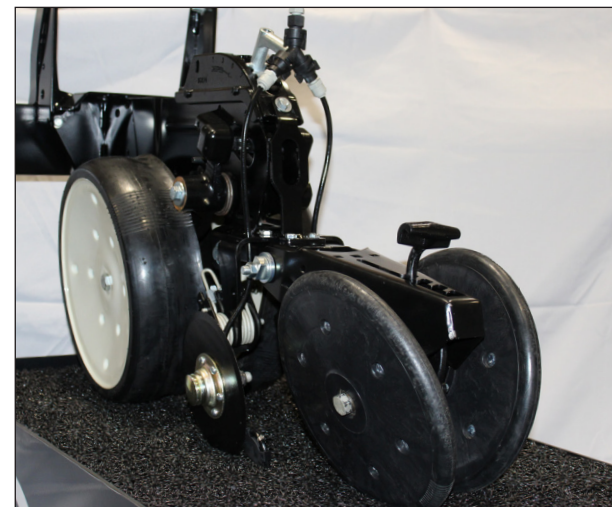
Assemble plumbing components in the arrangement shown above 26. The supplied push to connect adapter in the 360 BANDIT kit connects to 3/8" push to connect compatible hose.

Secure hoses to row unit with provided zip ties 27.

PLUMBING RECOMMENDATIONS:

To prevent excess fertilizer from dribbling out of the hoses when product application is shut off, install one push to connect polypropylene (Inlet x Outlet) 3/8" O.D. check valve (not included) in the plumbing to each row prior to the 360 BANDIT orifices. Check valve is available at Dultmeier Sales (Item #BUCV1103-P38).

A 50 mesh strainer (not included) can be used in the complete plumbing system between tanks and 360 BANDIT to help prevent debris from blocking orifices.



INSTALLATION COMPLETE