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# **360 WAVE**<sup>™</sup>

INSTALLATION INSTRUCTIONS ALL JOHN DEERE MODELS WITHOUT 360 BANDIT

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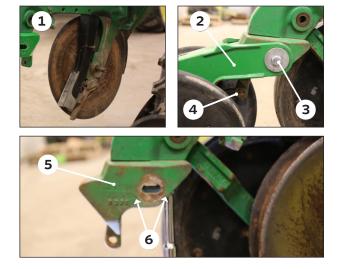
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# **INSTALLATION INSTRUCTIONS** JOHN DEERE MODELS WITHOUT BANDIT



## **STEP 1** PREPARE THE ROW UNIT



Remove both gauge wheels and the right-side opening disk **1**.

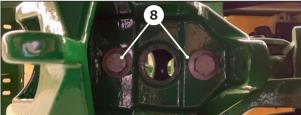
Remove closing wheel assembly **2** by removing hardware **3** and unhook the spring **4**. Retain hardware.

NOTE: If you have a John Deere 7200 row unit you will not have this style of bushing/bolt, but they have been provided in your hardware kit and the provided bushing/ bolts should be used when re-installing at the end of the installation process.

Remove closing casting **5** by removing (2) bolts **6**.

### STEP 2 INSTALL NEW CLOSING CASTING

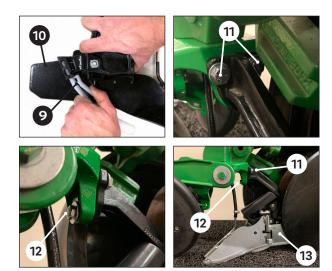




Install the new closing casting **7** and secure using the (2) bolts **8** provided.

NOTE: At this point, do not completely tighten bolts as there may be adjustments required later.

#### STEP 3 INSTALL WAVE ASSEMBLY



Install firmer ② on the wave assembly <sup>10</sup> by pinching the top of the firmer together and slide it into place.

Install the WAVE assembly on the closing casting using the provided hardware. Two bolts will be inserted on the front and one on the back 2 of the assembly.

NOTE: When installing the WAVE assembly ensure the blade residue guard is flush against the seed tube guard <sup>(1)</sup>.

# **INSTALLATION INSTRUCTIONS** JOHN DEERE MODELS WITHOUT BANDIT

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## STEP 3 INSTALL PLUMBING



Route the 3/8" line through the hole 🕑 on the row unit.

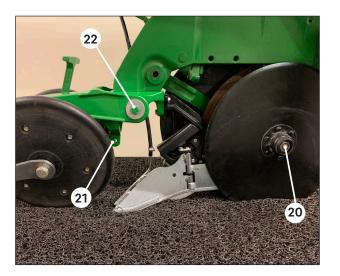
Loosely place the hose clamp <sup>(1)</sup> onto the hose and install the hose over the product tube <sup>(1)</sup>. Slide clamp down over hose and product tube and tighten.

Assemble the orifice into the rubber grommet  ${f v}$ .

Assemble the three plumbing components in the arrangement shown above  $\textcircled{10}{10}$ .

Attach the plumbing assembly to the other end of the 3/8" line <sup>(1)</sup>. Secure the line to the row unit using zip ties as you see fit.

#### **STEP 4** REINSTALL GAUGE WHEELS AND DISK



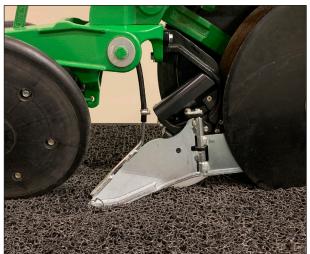
Reinstall right side disk and both gauge wheels using original hardware 20.

NOTE: Contact between the WAVE residue guard, and the inside of the right hand opening disk is normal. Adjust opening disks to OEM specs for best performance.

Reinstall the closing system assembly by reconnecting the spring **2** and then using the previously removed hardware **2** to secure the closing system assembly to the closing casting.

NOTE: Ensure that the gauge wheels clear the wave on both sides. The wave unit may need to be adjusted to be centered between the gauge wheels. Once in the correct position, completely tighten two bolts previously left loose in Step 2.

## **INSTALLATION COMPLETE**



NOTE: When the planter is raised, contact between the WAVE blade and large spiked closing wheels is normal. During operation, the closing system comes up to operating depth and proper clearance is achieved.

NOTE: Backing up when planter is not raised can cause wave blade to catch in the ground and bend or break. Use care to only back up after planter row unit is disengaged from the ground.