

360 WAVE

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# 360 WAVE™

INSTALLATION INSTRUCTIONS  
ALL JOHN DEERE MODELS  
WITH 360 BANDIT



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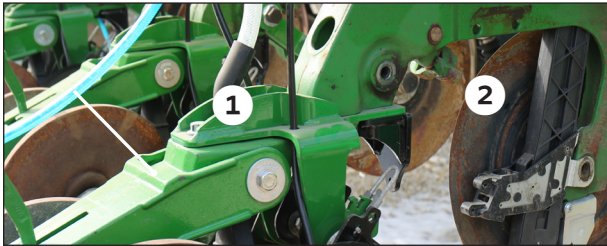
# INSTALLATION INSTRUCTIONS

JOHN DEERE MODELS WITH BANDIT



## STEP 1

### PREPARE THE ROW UNIT



**Please note before you begin:**

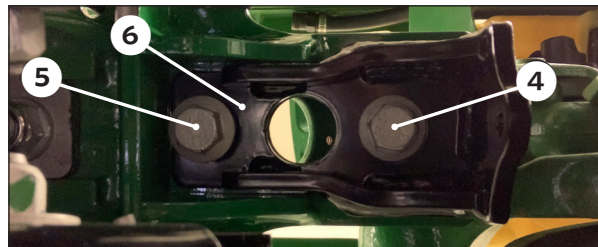
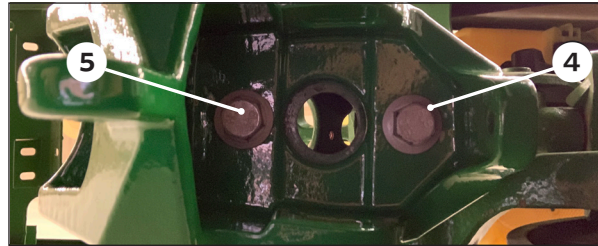
**If you are installing 360 WAVE on a 2019 or older BANDIT unit you will need to update the BANDIT bracket (1) before installing your 360 WAVE units. (Your BANDIT bracket must look like the one in the picture above to be compatible with 360 WAVE.)**

Remove both gauge wheels and the right-side opening disk (2).

If you are using Precision Planting Speed Tube you will need to modify the universal firmer mount bracket. Using an angle grinder, remove the bottom tab of the bracket (3). This will ensure adequate clearance for 360 WAVE.

## STEP 2

### INSTALL WAVE MOUNTING BRACKET



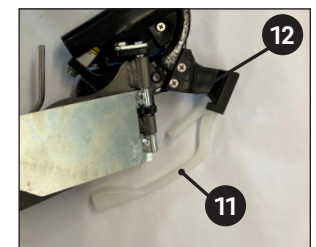
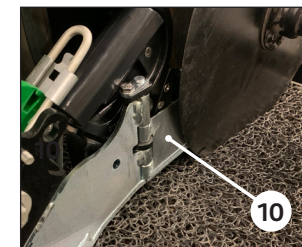
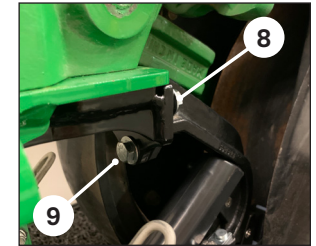
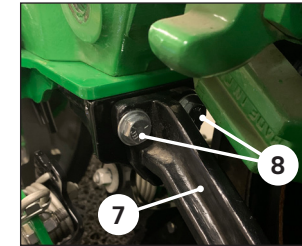
The current 360 BANDIT unit is attached to the row unit with two bolts. Completely remove the front bolt (4) and loosen the back bolt (5) several turns.

Slide the 360 WAVE mount bracket (6) in so that the loosened bolt (5) seats into the slot of the back end of the bracket. Insert the new bolt provided in the front hole (4) of the the WAVE mount bracket. Loosely tighten both bolts.

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

## STEP 3

### INSTALL WAVE ASSEMBLY



Apply lubricant to the bolts and threaded holes on the WAVE assembly and use a thread tap to clean out the holes.

Install the WAVE assembly on the WAVE mounting bracket using the provided hardware (7). Two bolts will be inserted on the front (8) and one on the back (9) of the assembly.

**NOTE: When installing the WAVE assembly ensure the blade residue guard is flush against the seed tube guard (10).**

Install firmer (11) on the wave assembly (12) by pinching the top of the firmer together and slide it into place.

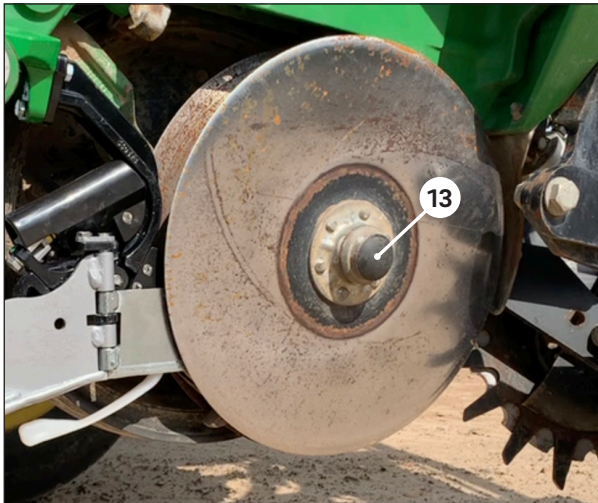
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## STEP 3

### REINSTALL OPENING DISK

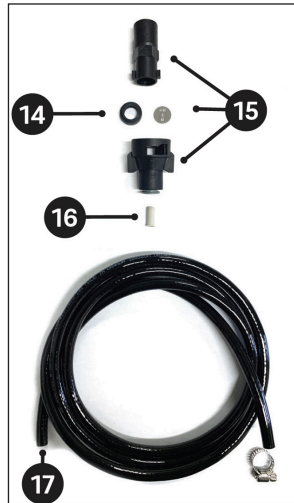


Reinstall right side disk using original hardware <sup>13</sup>.

**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.

## STEP 4

### INSTALL PLUMBING



**NOTE:** The pictures above show a row unit with the right side 360 BANDIT disk removed in order to be able to fully show the 360 WAVE unit. The BANDIT disk does not need to be removed in order to install the 360 WAVE assembly.

Assemble the orifice into the rubber grommet <sup>14</sup>.

Assemble the three plumbing components in the arrangement shown above <sup>15</sup>.

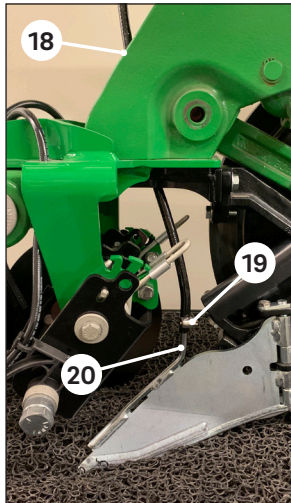
Push the plastic insert <sup>16</sup> into one end of the hose <sup>17</sup>.

Attach the plumbing assembly <sup>15</sup> to that same end of the 3/8" line.

Route the 3/8" line through the hole on the row unit <sup>18</sup>.

Loosely place the hose clamp <sup>19</sup> onto the hose and install the hose over the product tube <sup>20</sup>. Slide clamp down over hose and product tube and tighten.

Secure the line to the row unit using zip ties as you see fit.



## INSTALLATION COMPLETE



Reinstall both gauge wheels using original hardware <sup>21</sup>.

Ensure there is just enough pressure between the gauge wheel and the opening disk so that when you turn the gauge wheel the opening disks turns slightly.

**NOTE:** Ensure the gauge wheels clear the WAVE on both sides and adjust if needed to be centered between the gauge wheels. Once in the correct position, completely tighten two bolts previously left loose in Step 2.

**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.