

360 WAVE

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360 WAVE™

INSTALLATION INSTRUCTIONS

JOHN DEERE MODELS WITH PNEUMATIC DOWNFORCE CLOSING SYSTEM



360YIELDCENTER.COM

FOR QUESTIONS PLEASE CONTACT OUR
PRODUCT SUPPORT TEAM AT 309-300-3120

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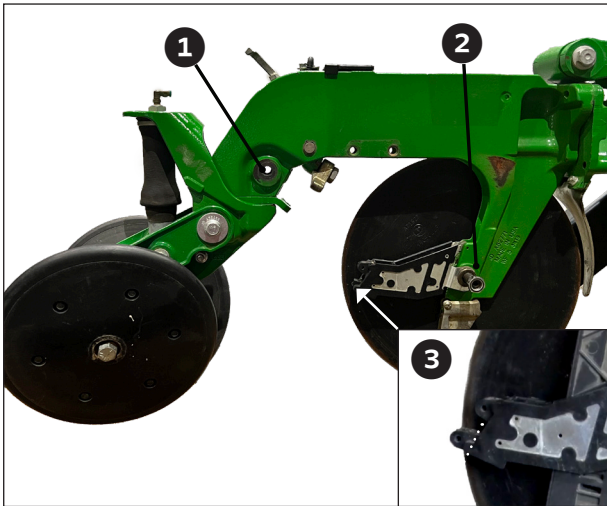
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PNEUMATIC DOWNFORCE CLOSING SYSTEMS



STEP 1

PREPARE THE ROW UNIT

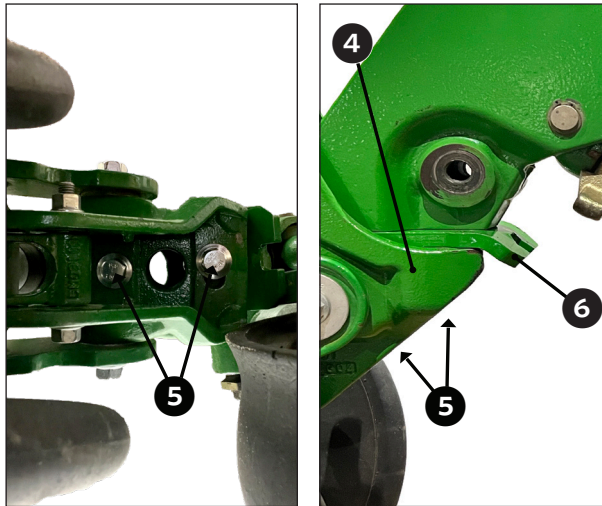


Remove both gauge wheels ① and the right-side opening disk ②.

NOTE: 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

REMOVE GAUGE WHEEL STOP PLATE



Remove closing casting ④ by removing (2) bolts ⑤.

Remove the plate ⑥ between the shank and closing system casting.

STEP 3

INSTALL WAVE MOUNTING BRACKET



Using the hardware provided, reinstall the closing casting directly onto the shank by inserting one of the long bolts into the rear hole ⑦ on the underside of the closing casing. Leave loose.

NOTE: Do not install the front bolt at this time.

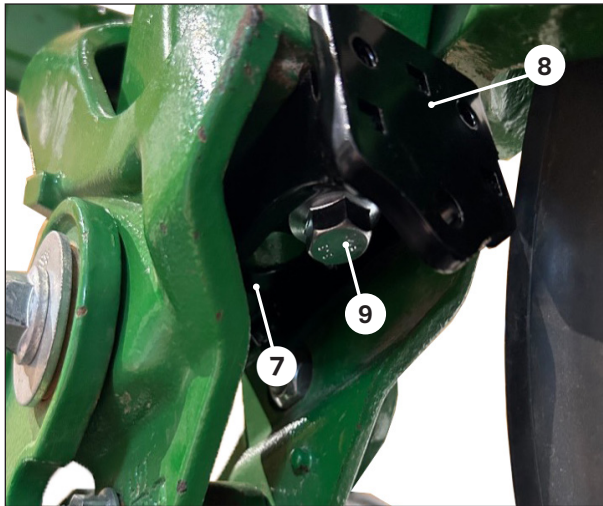
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STEP 3 CONTINUED

INSTALL WAVE MOUNTING BRACKET



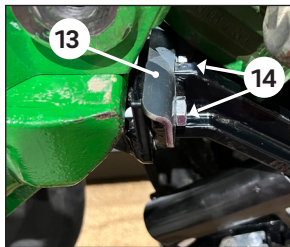
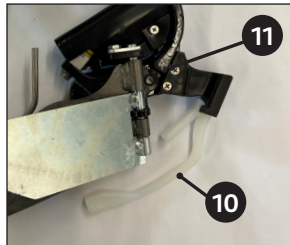
Slide the 360 WAVE mount bracket **8** in so that the loosed bolt **7** seats into the slot of the back end of the bracket.

Insert remaining provided bolt in the front hole of the wave bracket **9**. Hand-tighten both bolts.

NOTE: Do not completely tighten bolts at this time as adjustments may be required later.

STEP 4

INSTALL WAVE ASSEMBLY



Install firm **10** on the wave assembly **11** by pinching the top of the firm together and slide it into place.

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

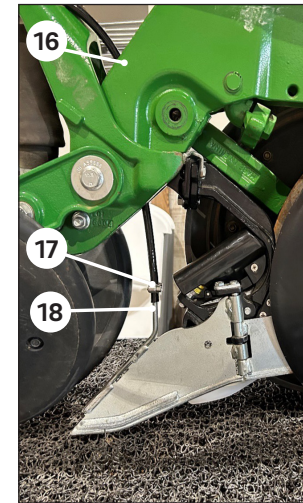
Secure the WAVE assembly to the WAVE mount bracket by first inserting one of the provided bolts through the back **12**.

Place the gauge wheel stop plate **13** on the front side of the WAVE assembly ensuring both holes are aligned. Secure with two bolts inserted from the front **14** of the assembly.

NOTE: When installing the WAVE assembly ensure the blade residue guard is flush against the seed tube guard **15.**

STEP 5

INSTALL PLUMBING



Route the 3/8" line through the hole **16** on the row unit.

Loosely place the hose clamp **17** onto the hose and install the hose over the product tube **18**. Slide clamp down over hose and product tube and tighten.

Assemble the orifice into the rubber grommet **19**.

Assemble the three plumbing components in the arrangement shown above **20**.

Attach the plumbing assembly to the other end of the 3/8" line **21**. Secure the line to the row unit using zip ties as you see fit.

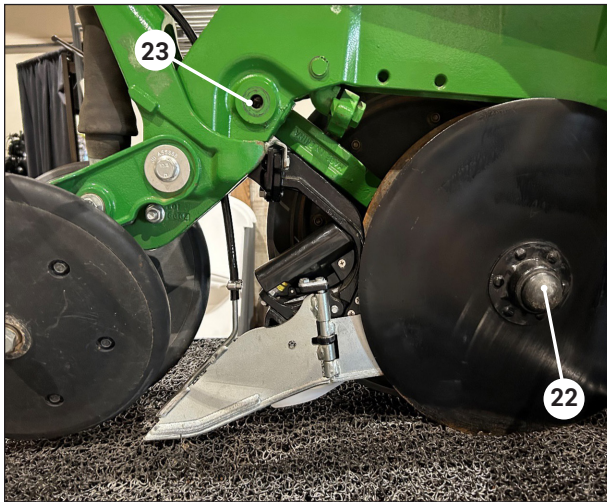
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STEP 6

REINSTALL GAUGE WHEELS AND DISK



Reinstall right side disk **22** and both gauge wheels using original hardware **23**.

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.

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 3.

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.