



**White 9000 (150123) Quick Attach Firmer Bracket
Installation SmartFirmer & FurrowJet Compatible**

Precision Planting®

Installation Instructions for White 9000 Quick Attach Bracket 150123

Note: Compatible with WaveVision® sensors or other seedtubes/sensors.

Note: When using with White seed tubes, the fit of the seed tube will be very tight. For easier installation, up to 1/16" of material should be removed from each side of the seed tube hook.

Step 1: Row Unit Preparation

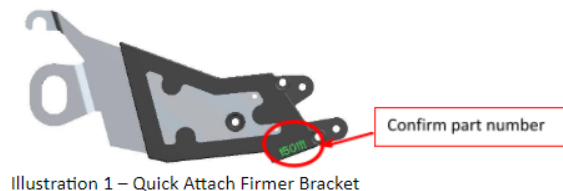
Step 1a: Raise the planter and remove the gauge wheels and disks openers.

Step 1b: Inspect the seed tube guard and seed tube. If they are worn, replace them now while they are easily accessible. Remove the seed tube.

Step 1c: Remove the disc opener shims.

Step 2: Quick Attach Firmer Bracket Installation

Step 2a: Locate the bracket pieces and cut the zip tie securing them together. The bracket kit part number is molded onto the left piece. Confirm it is the correct kit for the specific row unit. Refer to illustration 1.



Step 2b: Assemble the firmer bracket pieces using the three (3) supplied #8 X 1.25" screws. Refer to illustration 2.

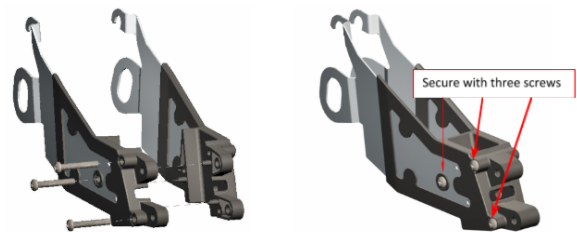


Illustration 2 – Assemble Quick Attach Firmer Bracket

Step 2c: Secure the upper bracket hooks to the lower seed tube pin on the shank and align each eyelet with the disk opener shaft hole. Refer to illustration 3.

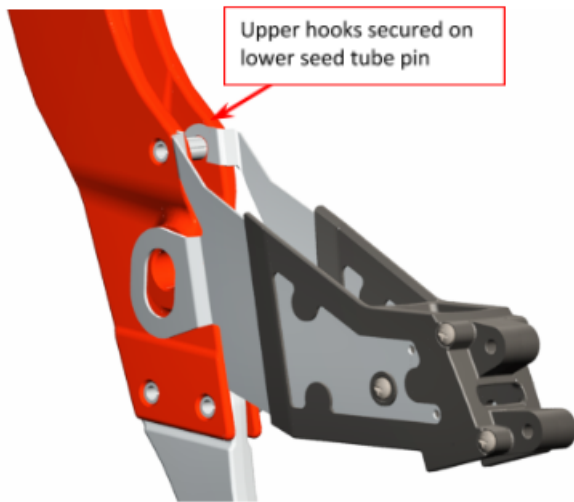


Illustration 3 – Quick Attach Firmer Bracket Installed

Step 3: Installation Complete

Step 3a: Reinstall seed tube.

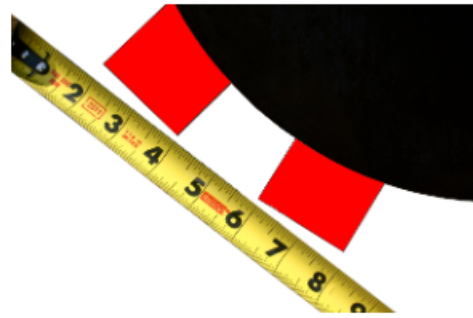
Step 3b: Reinstall the opening disks and shim as necessary. Ensure firmer bracket remains fully seated on the lower seed tube pin when tightening. Apply downward force on the rear of the bracket when installing the opening discs.

Note: The Keeton bracket eyelets will serve as a shim for each disk. General recommendation would be one less shim (per side) than previously installed. Install shims outside of firmer bracket. Refer to planter manual for proper shimming and contact of double disk openers.

Step 3c: Reinstall both gauge wheels according to Manufacturer's instructions.

Setting the Contact between the Disk Openers: To check disk contact, use two pieces of paper and slide one piece in from the top of the disk openers and one from the bottom. Then slide them in toward each other, until they pinch between the disk openers. Measure the distance between the two pieces of paper. If the gap is too wide, you will need to add a shim to the disk opener. If the gap is too narrow you will need to remove a shim. Adjust shims as needed to get the correct contact as stated in the planter manual.

Note: To improve the seed trench “vee”, make sure the opener disks are not worn. If the diameter is less than manufacturers suggested dimension, replace them.



Correct Contact Between Disk Openers

3.0 mm blade thickness – 1.5”–2.5”

3.5 mm blade thickness – 1”–1.5”