

Installation Instructions for 17X5 Quick Attach Firmer Bracket – 150087

Compatible with WaveVision® sensors or other seedtubes/sensors

1) Row Unit Preparation

- a) Raise the planter and remove both gauge wheels and disc openers from the row unit.
- b) Inspect the seed tube guard and seed tube. If these are worn, replace them now while they are easily accessible. Remove the seed tube for easier installation.
- c) Remove all disc opener shims.

2) Quick Attach Firmer Bracket Installation

- a) Locate the bracket pieces and cut the zip tie securing them together. Refer to illustration 1.



Illustration 1 – Quick Attach Firmer Bracket

- b) Slide the eyelet on each half of the firmer bracket onto the respective opening disk shaft.
- c) Secure the upper bracket hooks to the lower seed tube pin on the shank.
- d) Assemble the bracket pieces with the three supplied #8 X 1.25" screws. Refer to illustration 2.



Illustration 2 – Quick Attach Keeton Firmer Bracket Installed

3) Installation Completion

- a) Reinstall the seed tube and ensure it is fully seated on lower pin.
- b) Reinstall the opening disks with 1.5"-2" of contact (check multiple locations). Shim disks as necessary. Ensure firmer bracket remains fully seated on the lower seed tube pin when tightening.

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.

- c) 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 listed, replace them.

- John Deere – 14.5"

Correct Contact Between Disk Openers

- 3.0 mm blade thickness – 1.5"–2.5"
- 3.5 mm blade thickness – 1"–1.5"

