

vSet[®] vSet 2 John Deere Mini Hopper Kit

768280

Parts List

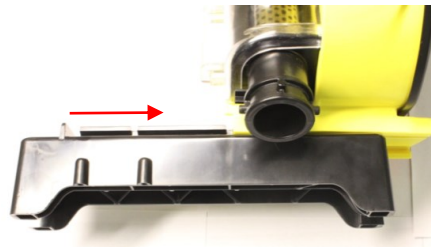
- 730396 Span Bracket (Qty. 1)
- 730438 Proshaft Cap (Qty. 1)
- 768281 Mini Hopper (Qty. 1)
- 768307 Rear Post Assembly (Qty. 1)
- 768309 JD Rear Post Shim (Qty. 1)
- 768331 Hardware Kit (Qty. 1)

Pre-Installation Notes:

- 1) Verify all parts listed are present before beginning installation.
- 2) Remove existing mini hopper
- 3) Remove OEM meter mounting plate
- 4) Complete Vacuum System Upgrade

Step 1

Slide the Span Bracket (730396) into the grooves on the front of the mini hopper. Place the hopper on its side. Using a rubber mallet, gently strike the end of the span bracket sliding it into the hopper until the locking tab engages.



Step 2

Assemble the hardware provided in the JD Mini Hopper Hardware Kit (768331) onto the row unit. Use the image at right as a reference. Tighten M16 bolts to 160 ft-lbs.



Step 3

Remove the locking peg from the cable drive and the cable from the drive mechanism. Place the Proshaft Cap (730438) firmly into the hole and re-insert the locking peg to protect the cable drive system from debris. If preferred, remove hex shaft and cable drive transmissions.



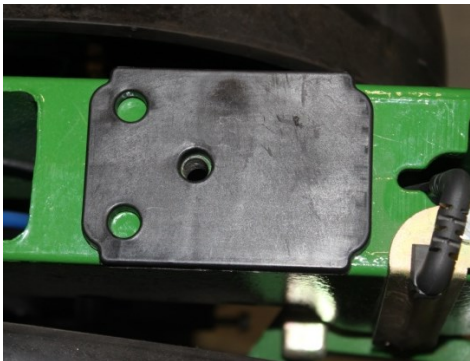
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Step 4

Install the JD Rear Post Shim (768309) and the Rear Post Assembly (768307). Use the table below for each row unit style. Do not use the JD Rear Post Shim (768309) with the AMVAC Smartbox system.

XP Row Units	Max Emerge 5 Row Units
	
Orient the Rear Post Shim (768309) with three holes towards the planter bar.	Orient the Rear Post Shim (768309) with the three holes towards the row unit.
	
Bolt the Rear Post Assembly (768307) to the shank. One M10 bolt will be used for the XP row units and securely until finger tight only.	Bolt the Rear Post Assembly (768307) to the shank. Both M10 bolts will be used for the ME5 row units and securely until finger tight only.

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Step 5

Attach the meter to the mini hopper as described in the vSet 2 Meter Installation Instructions. Mount the mini hopper to the row unit by inserting the forks of the span bracket over the mounting pegs and inserting the peg at the rear of the hopper into the post. Adjust the location of the rear post as far forward on the bracket as possible. Tighten the M10 bolts to 20 ft-lbs. Adjust the height of the mini hopper latch assembly as needed and DO NOT over tighten. Correct tightness will prevent the meter from moving in the field without placing undue stress on the hopper.



Step 6

The vSet 2 meter has three different options for mounting the boot for adapting to different row units. Check the position of the boot. Generally, it should be 1/8" to 1/4" to flush from the top of the shank. Do not allow the boot to crimp or bunch. Proper placement ensures that debris is prevented from entering the seed tube.



Correctly Installed Boot



Incorrectly Installed Boot