

vSet®

Monosem NG +3 & NG +4 vSet 2 Installation Guide

 Precision Planting®

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Step 1:

Prepare OEM meter for removal

- a: Remove the ground drive chain and sprocket from the OEM meter.
- b: Loosen the vacuum hose clamp and remove the vacuum hose. Keep the hose clamp to be used later.
- c: Remove the two wingnuts that hold the meter cover in place. Remove the meter cover.
- d: Remove the singulator and seed disk from the mechanical meter half.

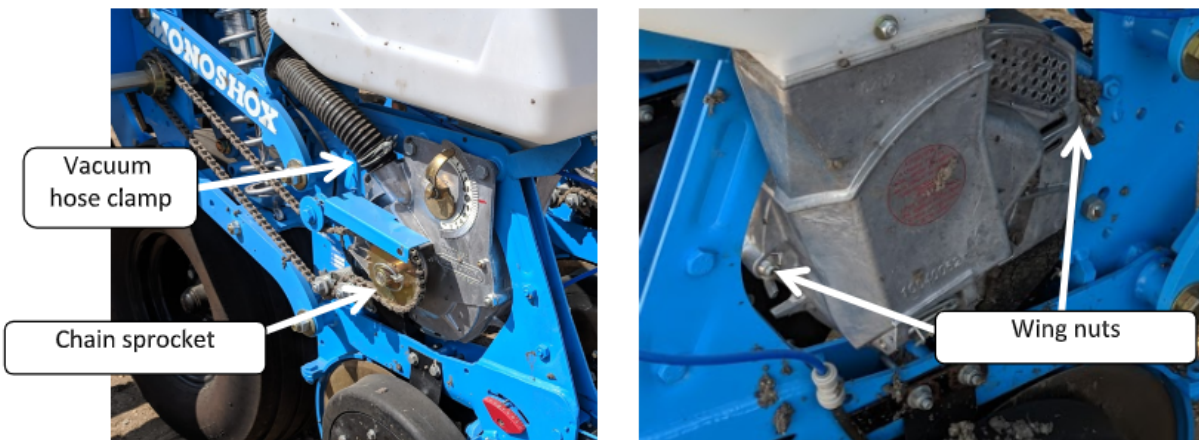


Figure 1: OEM Meter Removal Preparation

Step 2:

Remove OEM Meter

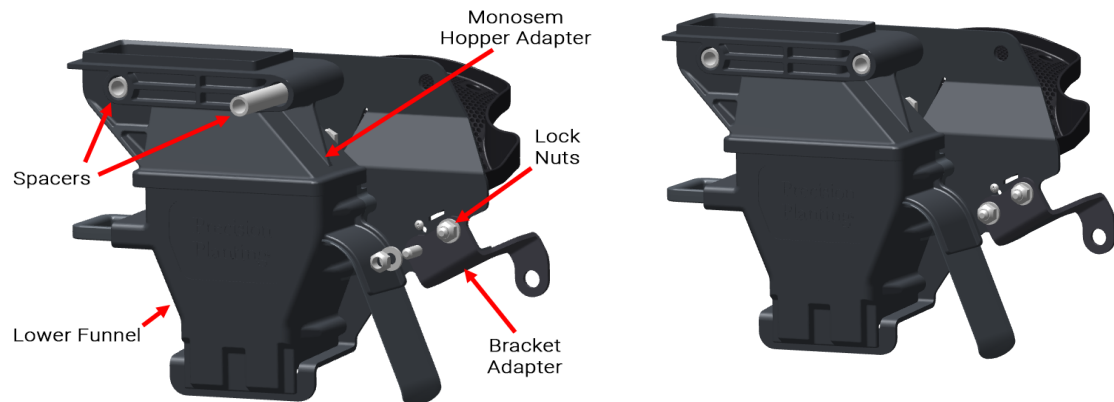
- a: Loosen the nut that secures the meter to the row unit shank. One of the nuts is inside the hopper adapter.
- b: Remove the OEM meter and hopper adapter from the shank and set them aside.



Step 3:

Prepare vSet2 Hopper Assembly

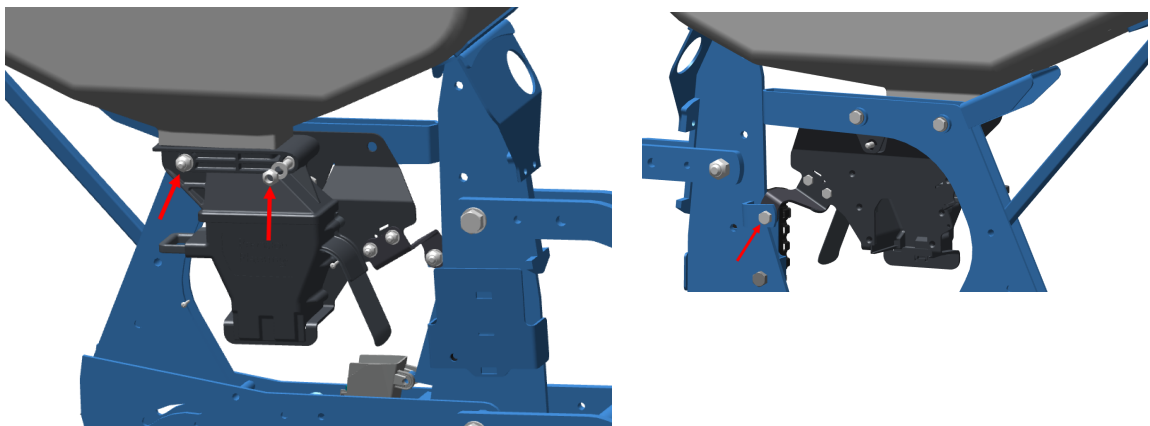
- a: Fasten the bracket adapter to the base. Make sure the lock nuts are located on the correct side of the bracket, as shown.
- b: Insert spacers into Monosem hopper adapter.
- c: Slide Monosem hopper adapter onto lower funnel.



Step 4:

Install the vSet 2 Hopper Assembly

- a: Insert the Monosem hopper adapter into the OEM hopper as shown. It should fit tightly in the hopper.
- b: Use the supplied hardware to fasten the hopper assembly to the shank.
- c: Make sure the M10x25mm bolt head is on the side of the shank as shown.



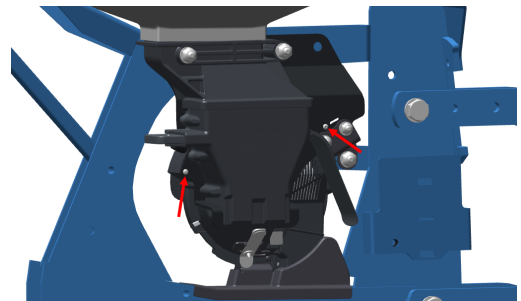
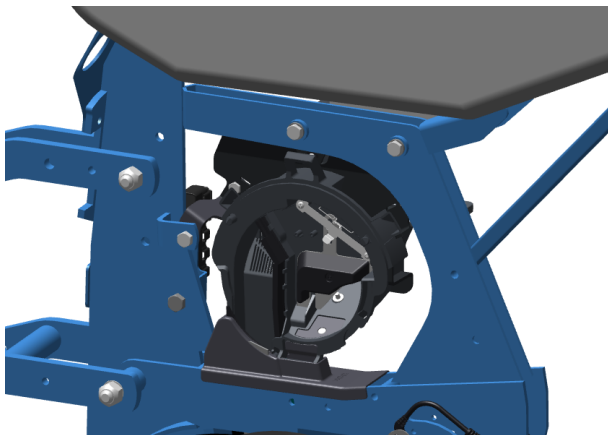
Step 5:

Install vSet2 Meter Cover Assembly

- a: Install the exit chute boot onto the meter cover assembly as shown.
- b: Trim off the tabs on the boot that are circled in red.



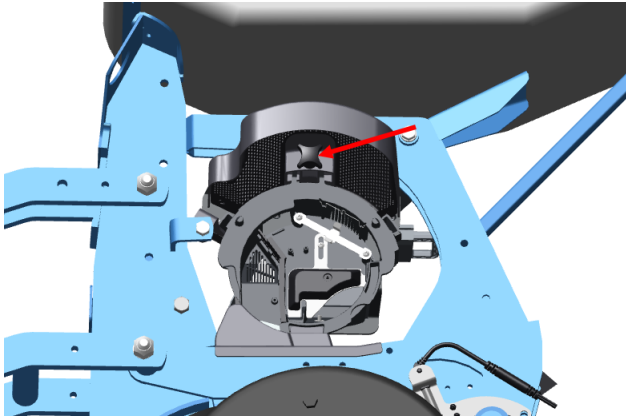
- c: Slide the meter into the hopper assembly. It should fit tightly against the bracket, slide down until the hook is securely against the bracket.
- d: Install the screws to hold the meter cover to the bracket. Tighten the screws until seated + 1/8 turn.



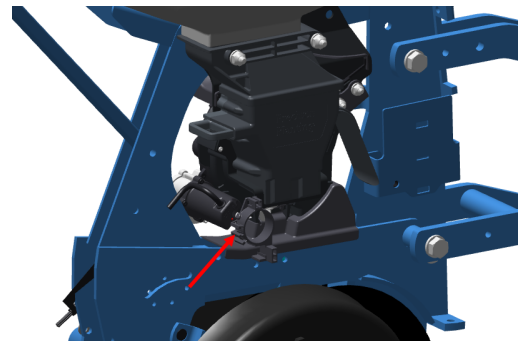
Step 6:

Install Meter Vent & Final Assembly

- a: Slide the meter vent assembly over meter cover until it is flush against the bracket.
- b: Use the knob to secure the vent to the coupling nut in the bracket assembly.



- c: Install the mechanical meter with vDrive. Connect a jumper cable from the CAN hub to the vDrive connector. Make sure that the vDrive cable does not contact the shank, if necessary remove the vDrive clip and reposition the cable.



- d: Connect the vacuum hose to the vacuum elbow, secure the hose by using the hose clamp.

