

## vSet 2 Case IH Mini Hopper Kit

### Parts List

- |                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| ◆ 720205 CCS Coupler Seal O-Ring (Qty. 1)   | ◆ 730439 Mini Hopper Bulk Fill Cap (Qty. 1) |
| ◆ 720276 CCS Coupler Seal O-Ring (Qty. 1)   | ◆ 730451 1" CCS Hose Adapter Kit (Qty. 1)   |
| ◆ 730406 Spanner Bracket (Qty. 1)           | ◆ 730485 Case IH Boot (Qty. 1)              |
| ◆ 730407 Rear Mini Hopper Bracket (Qty. 1)  | ◆ 768303 Mini Hopper Subassembly (Qty. 1)   |
| ◆ 730421 M8x45 Hex Head Screw (Qty. 3)      | ◆ 768494 Case IH Accu-Drive Plug (Qty. 1)   |
| ◆ 730432 1.25" Bulk Fill Connector (Qty. 1) | ◆ 768497 Case IH Accu-Drive O-Ring (Qty. 1) |

### Pre-Installation Notes:

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

**Step 1:** Slide the Case IH Mini Hopper Spanner Bracket (730406) into the grooves on the front of the mini hopper (figure 1a below). Place the hopper on its side. Using a rubber mallet, gently strike the end of the Spanner Bracket, sliding it into the hopper until the locking tab engages. Next, install the Case IH Rear Mini Hopper Bracket (730407) using the M8 x 45 Hex head screws (figure 1b below).



Figure 1a



Figure 1b

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**Step 2:** Identify if your planter is built with 1" or 1.25" hose. For the 1" line, use the Hose Adapter Kit (730451) provided in the kit. For the 1.25" hose, use the Connector (730432) and slide into the hose until it is fully seated past the second barb using soap to help slide the connector into the hose. The bulk fill cap is used to shut off rows that are not planting. Install the bulk fill hose cap by removing the connector from the fill tube, inserting the cap, and reinstalling the connector. There are two CCS Coupler Seal O-rings packed in the seed delivery kits. Use the stiffer O-Ring as needed for a tighter seal if the coupler is loose.

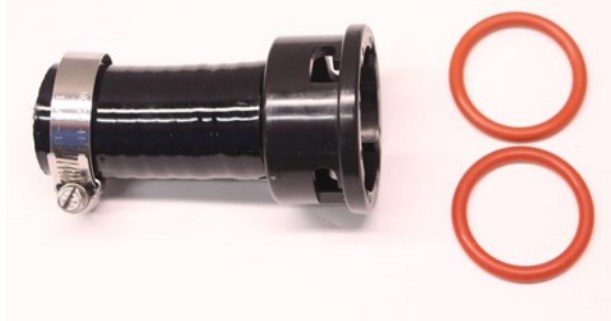


Figure 2

**Step 3:** Install the CIH Accu-Drive Plug (768494) and CIH Accu-Drive O-Ring (768497). You will install the seal and plug at the hex shaft. Refer to the arrow in figure 3a below.

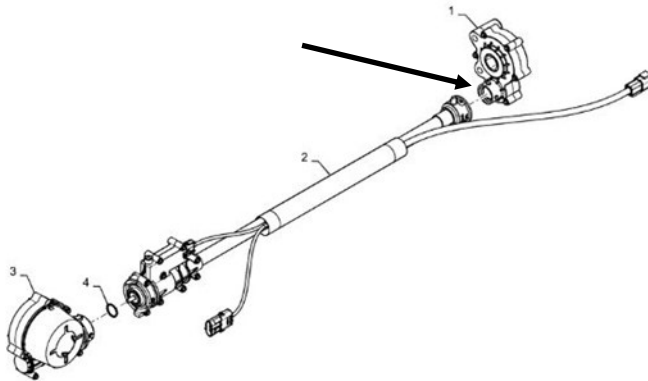


Figure 3a



Figure 3b: Accu-Drive O-Ring and Plug

**Step 4:** Cut the 1.5" vacuum lines to approximately 4' per row. Route the row unit hose and adjust the manifold fitting to allow for a smooth transition into the meter as shown in figure 4.



Figure 4

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**Step 5:** Attach the vSet 2 meter to the mini hopper. Carefully set the seed boot (730485) height on the meter exit chute. The boot should rest as low as possible while still allowing the meter to be removed from the unit. Incorrect boot placement will result in degraded performance.



Figure 5a



Figure 5b

**Step 6:** Adjust the height of the mini hopper latch assembly as needed. DO NOT overtighten. Correct tightness will prevent the meter from moving without placing undue stress on the hopper. See figure 6 at right.



Figure 6

**Step 7:** Once the meter is on the row unit, verify that there is not side to side movement on the front mounting brackets.



Figure 7