



mSet Install Guide

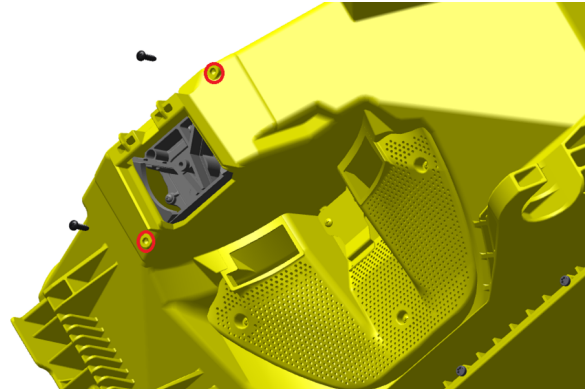
Precision Planting®

mSet Installation

Note: It is recommended to tighten screws by hand. Power tools can over tighten the fasteners.

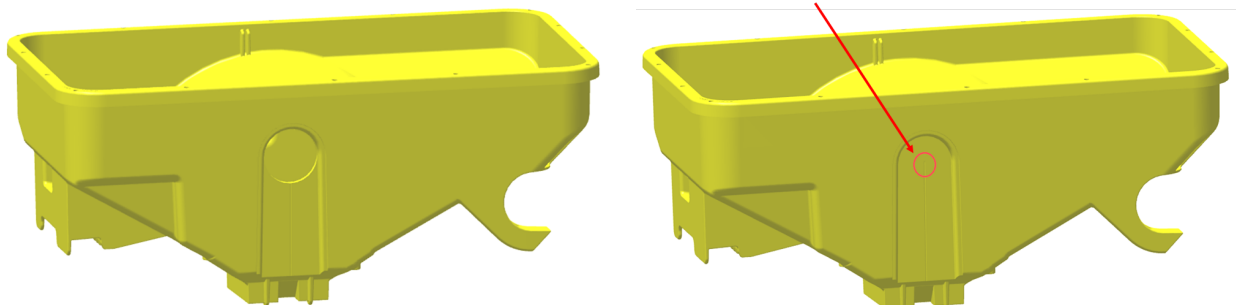
Step 1:

Using a 13/64" drill bit, drill the pre-determined holes in the bottom of the box.



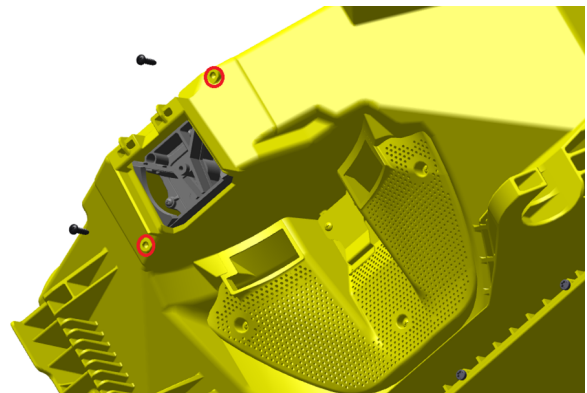
Step 2:

A portion of the Mini-Hopper will need to be removed in order to accept the Seed Selector. A drill point has been created on the side of the hopper. The Drill point is indicated by the top of the line. Use the 13/64 drill bit to make a pilot hole for the hole saw. When installing the pilot bit in the hole saw be sure that the bit extends past the hole saw teeth by 1". Use a 2-1/2" hole saw to remove material for the seed selector. The hole saw cut should be just inside the upper most half-circle recess in the hopper wall. Drill through the hopper and clean around the cut surface.



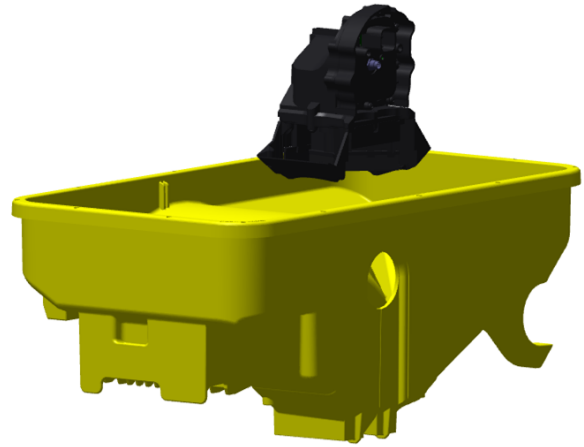
Step 3:

Using a 13/64" drill bit, drill the pre-determined holes in the bottom of the box.

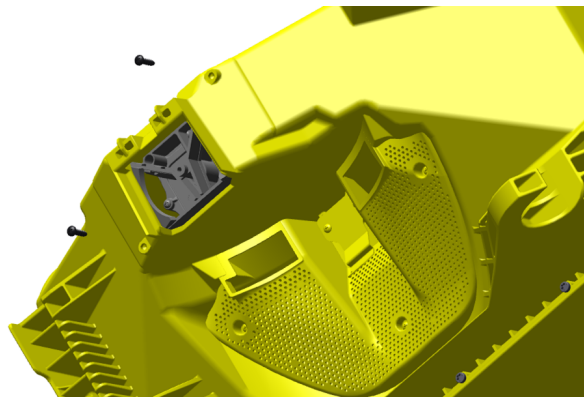


Step 4:

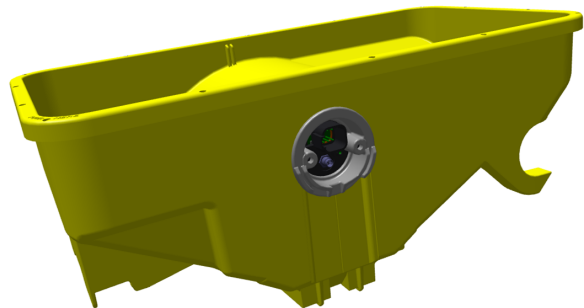
Slide the Seed Selector (736076) down into the base of the Mini-Hopper. It may be necessary to lightly pull on the box to give the seed selector more room to slide into the correct location.

**Step 5:**

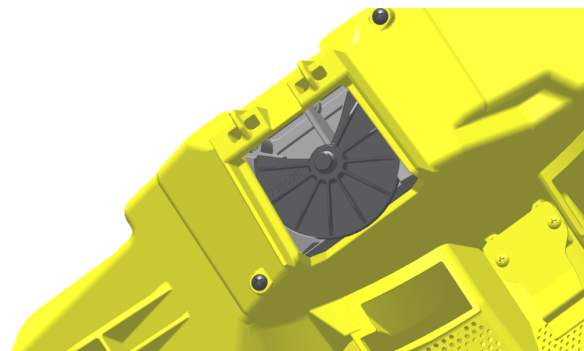
Next, secure the Seed Selector to the bottom of the Mini-Hopper. Secure using two of the 10–16 x $\frac{3}{4}$ " phillip head screws that are provided in the mSet kit. Seat the screw and tighten an additional $\frac{1}{4}$ turn.

**Step 6:**

Using the remaining two 10–16 x $\frac{3}{4}$ " phillips head screws, mount the hopper coupling (736027) to the outside of the Mini-Hopper. This will secure the Seed Selector in the box. Seat the screw and tighten an additional $\frac{1}{4}$ turn.

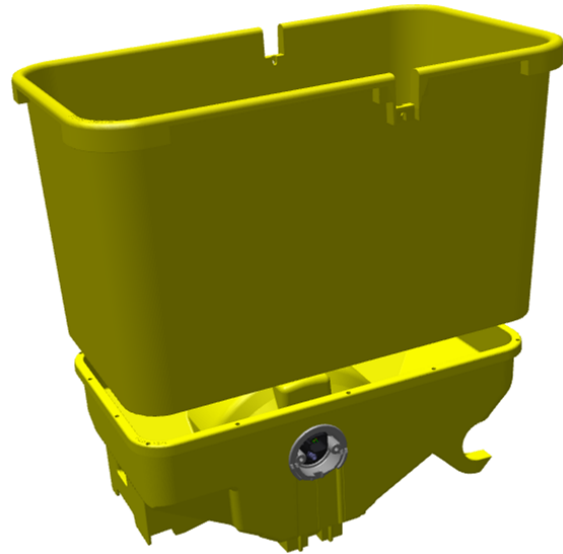
**Step 7:**

With the Seed Selector secured, install the Gate (736025) on to the seed selector shaft as shown. Use the 10–24 flange head bolt to fasten the gate to the shaft. **Be sure that the smooth side of the gate is against the brush when installing.**

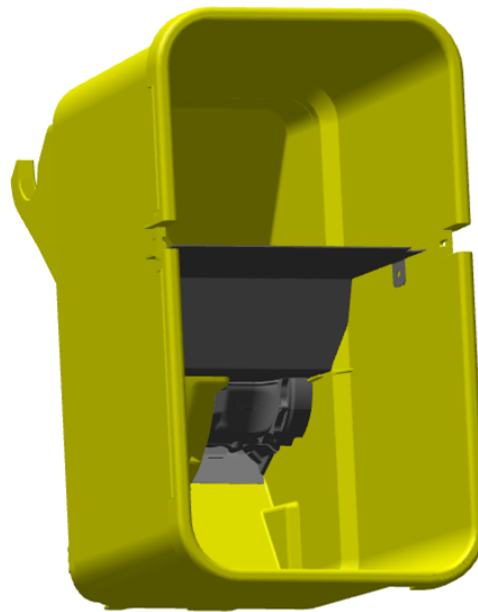


Step 8:

Install the 1.6bu extension (736008) on to the Mini-Hopper (736033) as shown. Install quantity 14 of the 8-16 x 1" screws to secure the extension to the Mini-Hopper. Seat the screws and then turn the screw an additional $\frac{1}{4}$ turn. **Do not overtighten.**

**Step 9:**

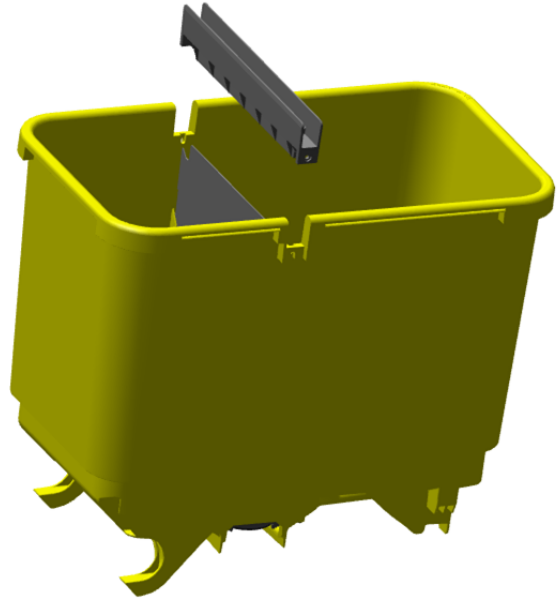
Insert the hopper divider. Place the divider against the braces within the hopper. Mark the holes in the divider and then remove the template. Using a $\frac{1}{4}$ " drill bit, drill through the hopper for the bolts to secure the divider.

**Step 10:**

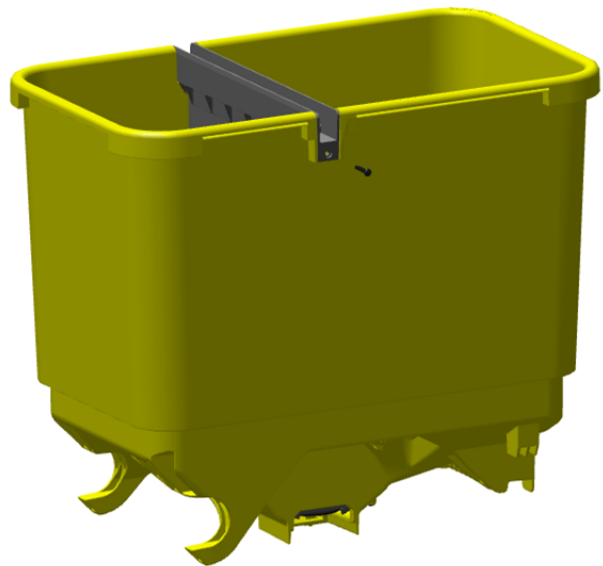
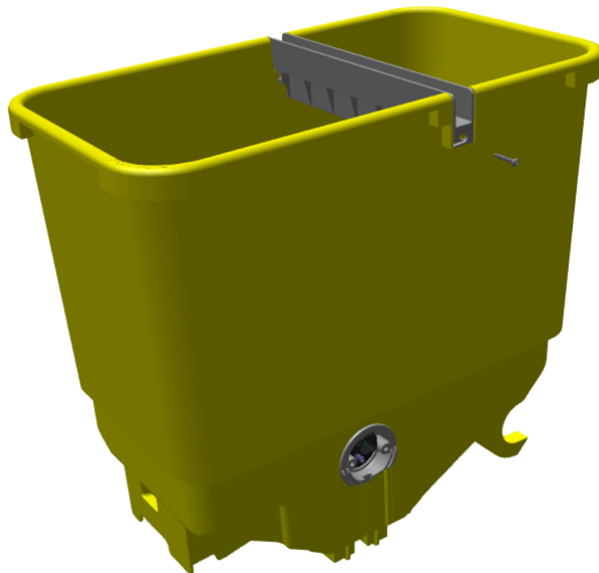
Re-insert the divider and bolt the divider to the hopper using two $\frac{1}{4}$ -20 x $\frac{1}{2}$ " bolts and nylon lock nuts.

Step 11:

Insert the lid divider bracket (736010) into the top of the extension.

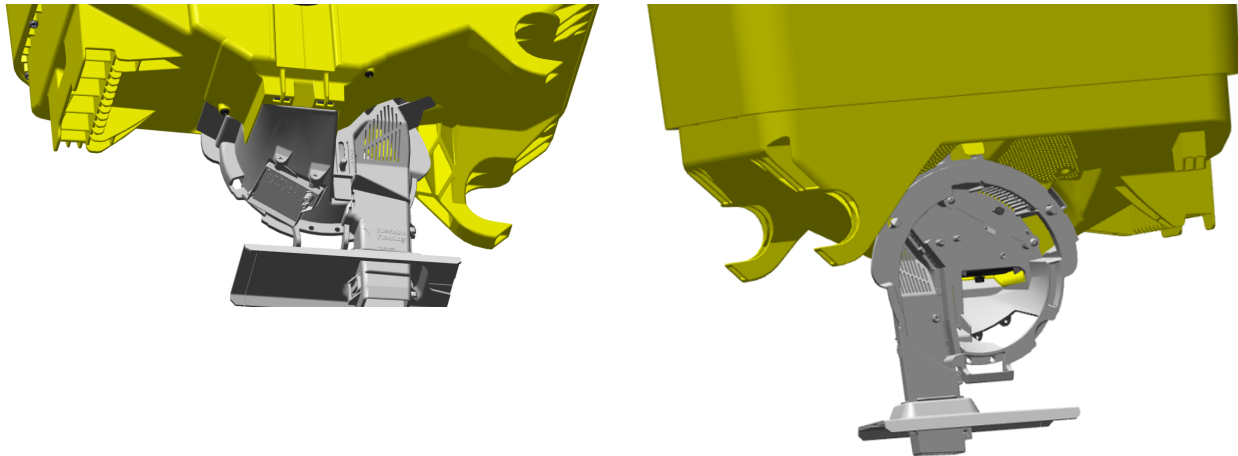
**Step 12:**

Using the 8-16 x 1" screws provided in the hopper bracket kit (736011), tighten until the screw is fully seated and then continue $\frac{1}{4}$ turn. Now both lids can be installed on the hopper.



Step 13:

Mount the mSet cover on the hopper and connect the 736104 mSet level sensor harness from the level sensor in the cover to the seed selector.

**Step 14:**

Snap the meter housing with vDrive onto the cover. Install the mSet hopper and meter onto the row unit.

Step 15:

Install the CAN expansion module (729500) onto the row unit. Connect the SRM row harness, 6 pin connector labelled “vDrive”, to the CAN expansion module.

Step 16:

Connect the vDrive and mSet seed selector each to the CAN expansion module using the appropriate length row CAN jumper.

Note: If you need to install a fitting for a central fill system and/or a rear hopper support post, please refer to our instructions at www.precisionplanting.com. Select “Support” and “mSet” to access this manual.

Note: For monitor setup and operation, please refer to the operation manual found on our website www.precisionplanting.com. Select “Support” and “mSet” to access this manual.