

vDrive®

vDrive Motor Assembly Installation
730050/730550

 Precision Planting®

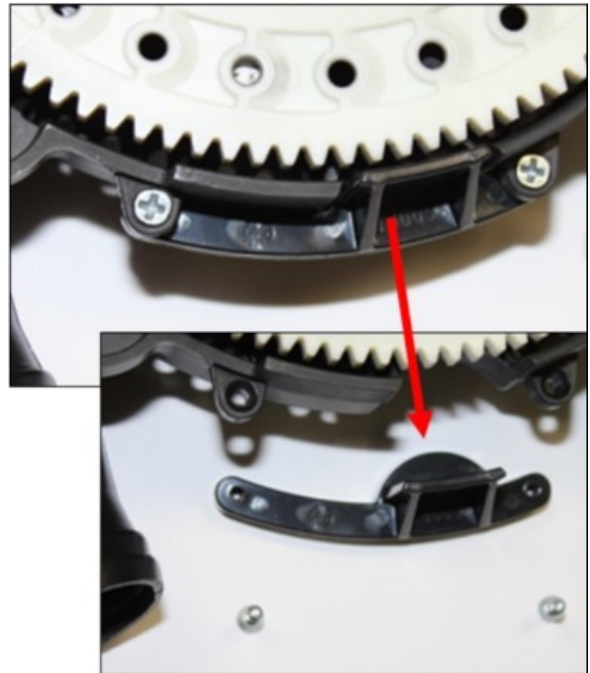
vDrive Motor Installation

This guide is intended for use when installing a 730050 vDrive 1.0 motor assembly to a 730360 vSet “classic” housing, or a 730050 vDrive 1.0/730550 vDrive 2.0 motor assembly to a 768729 vSet 2 housing.

Note: the 730550 vDrive 2.0 motor assembly is not compatible with the 730360 vSet “classic” housing. Verify part numbers before continuing.

Step 1:

Remove the two screws that attach the pinion cover to the vSet or vSet2 meter housing. Discard the pinion cover and screws.



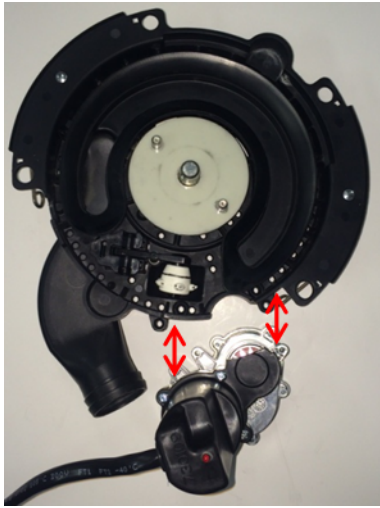
Step 2:

Remove the seed disk from the vSet or vSet2 meter housing and slide the vDrive motor assembly under the housing.

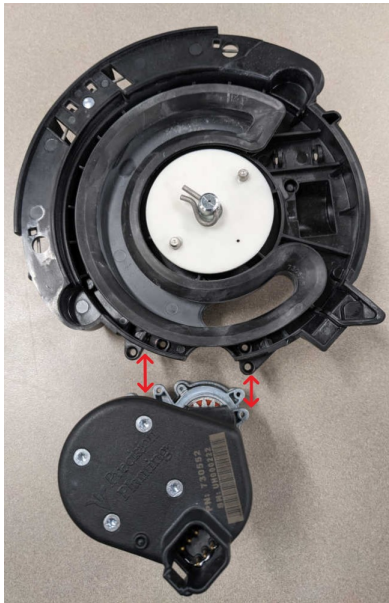
Step 3:

Align the motor assembly with the corresponding meter housing.

- a: Align the vDrive 1.0 motor assembly with the four holes in the vSet housing.



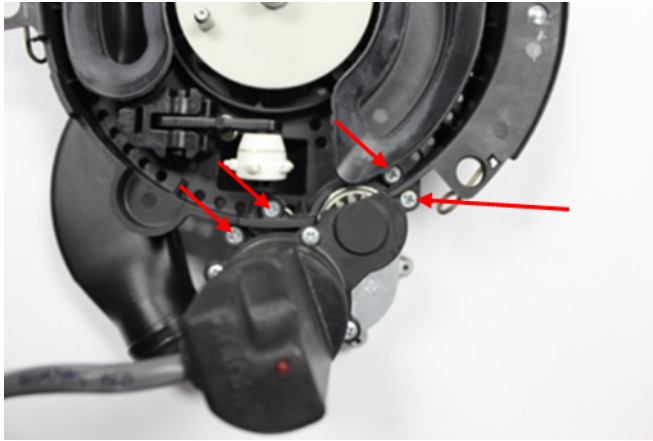
- b: Align the vDrive 1.0 or 2.0 motor assembly with the four holes in the vSet 2 housing



Step 4:

Attach the motor assembly to the corresponding meter housing.

- a: Using the four provided screws, attach the vDrive 1.0 motor assembly to the vSet housing.



- b: Using the four provided screws, attach the vDrive 1.0 or 2.0 motor assembly to the vSet 2 housing.

**Step 5:**

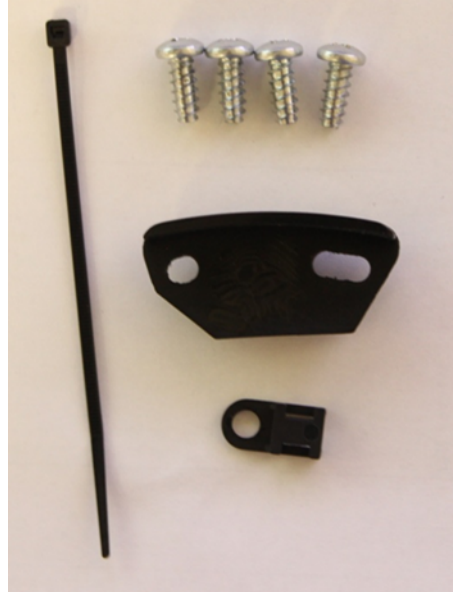
Reinstall the seed disk, ensuring that the meter is properly shimmed and the singulator secure. Attach the vSet cover. Refer to the vSet installation manual for details.

Note: The following section will not be required if using the vDrive 2.0 motor assembly due to the integrated housing for the 6 pin Deutsche receptacle.

vDrive Clip and Harness Installation

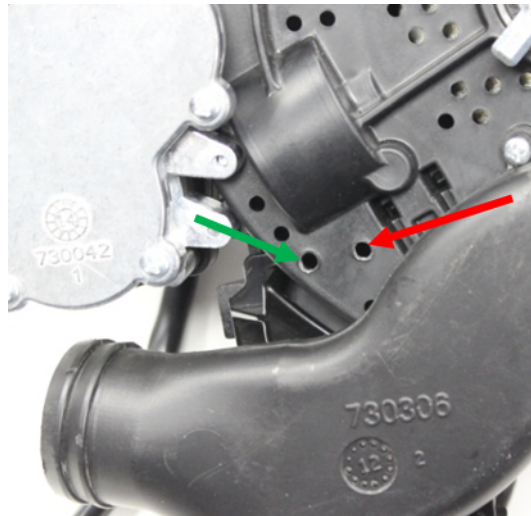
Step 1:

Open the hardware kit 730394 and ensure that all components are present.



Step 2:

Mount the zip tie clip to the location shown at right. Green Arrow is correct location and Red arrow is incorrect. Failure to correctly locate the zip tie clip on the vSet housing will cause the screw to interfere with the extractor and cause Voltage Current No Load Health Check failure.



Step 3:

For JD cast row units with 1.6 bu. boxes, Kinze puller units, Case IH 1.6 bu. box units, and all mini-hopper units, mount the clip horizontally. For Kinze pusher units, mount the clip vertically, pointing down. JD non- cast units do not use this clip.

Clip Mounted Horizontally
Horizontally



Clip Mounted Vertically



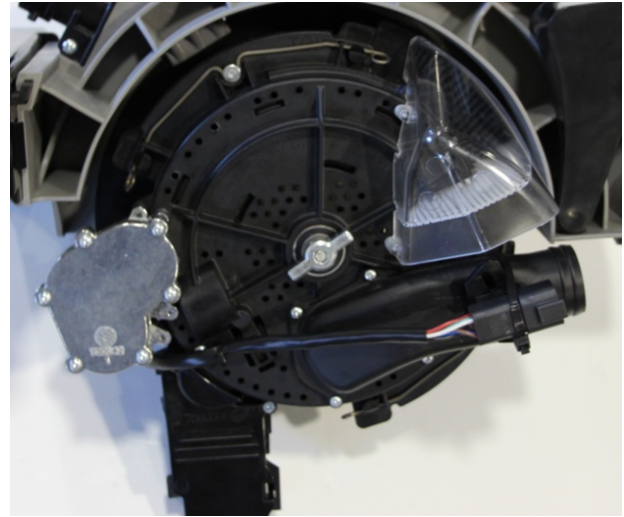
Step 4:

Attach the deutsch connector kit using the provided screws. See below for row unit variations.

JD Cast 1.6, Kinze Puller Units, Case 1.6/mini-hopper, and Kinze Pusher Units without Snorkel



Kinze Pusher Units with Snorkel.



JD Mini-hopper



D Non-Cast



Note: On JD non-cast rows, mount the clip three (3) holes above the vacuum inlet as shown. The deutsch clip location on the JD mini-hoppers requires the operator to lift the box slightly to latch and unlatch the harness.

Step 5:

To seat the harness into the clip, move the deutsch connector rearward and fasten into the clip.

