

vDrive Conversion Kit (731060) Installation

Parts List:

- 731141 vDrive Clip for vSet Select (Qty 1)
- 768099 Hand Drive Knob (Qty 1)
- Zip Tie (Qty 1)
- 768196 Spring Pin (Qty 1)
- #10-24 Machine Nut (Qty 1)
- #10-24 x ¾" Pan Head Machine Screw (Qty 1)



Pre-Installation Notes:

1. Verify all parts listed are present before beginning installation.
2. The 731060 vSet Select Conversion Kit is used for customers who purchased upgrade version vSet Select dual meter assemblies (731011, 731012, 731051, & 731052) and will be transferring their vDrive motor from a previous application.

Step 1

Remove any previously installed vDrive clip assemblies. The vSet Select vDrive Clip, 731114, is required for secure retainment of the vDrive harness while avoiding all interference issues when the vDrive motor is used in a vSet Select.

Step 2

Slide the vDrive Harness through the vDrive Clip with the flange of the clip facing downward and towards the output gear of vDrive.



The flange must be oriented downward towards the output gear of vDrive.

Step 3

Align the clip correctly both vertically and horizontally. Once aligned tighten the screw to touch + ¼ turn.



Horizontal Alignment: The clip holder must align with the screw and output gear housing. When viewed from above, rotate the clip until the left side of the connector just covers the screw head as shown.



Top view of aligned vDrive Module housing.



Vertical Alignment: The clip must be flush with the vDrive Module housing.

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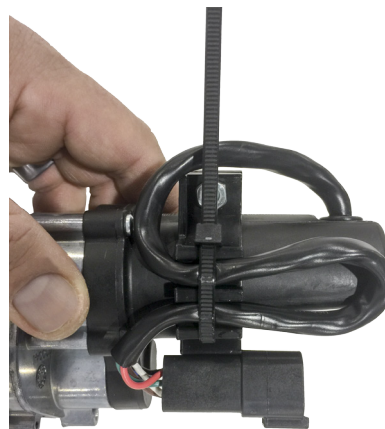
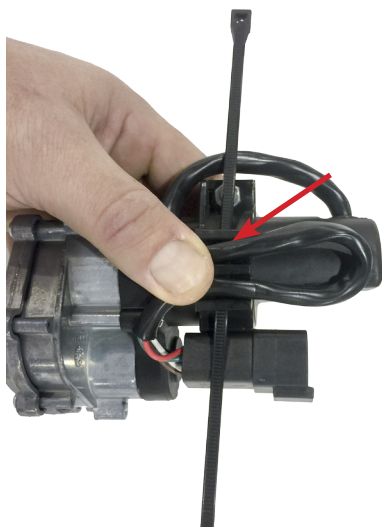
Step 4

Insert the 4 pin deutsch vDrive harness connector onto the vDrive Clip. Slide the clip downwards until it clicks into place.



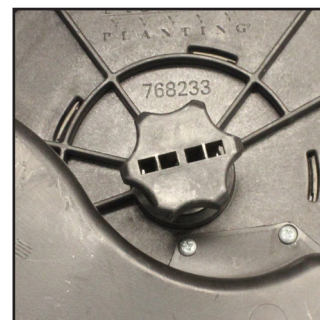
Step 5

Route the harness into the clip and zip tie it securely. Do not stretch harness. Gradual turns through the clip are important for the longevity of the harness.



Step 6

If your vSet 2 meter was used for a mechanically driven planter and you are upgrading to vDrive, this finishing kit does supply a hand drive knob (768099) and spring pin (768196) to be installed. You can either pin back the butterfly drive dogs or replace it with the hand drive knob (768099).



Step 7

Use a 3/32" pin punch and hammer to remove the butterfly drive. To drive out the pin, position the mechanical adapter on a bench vise or securely hold it. Use the punch to drive the spring pin out of the hole. Be careful not to bend or snap the punch. Refer to the vSet 2 Meter Installation Guide for more information.