

Tech Bulletin

vDrive Harness Routing

March 10th, 2014



The recommended routing for the vDrive harness along the vDrive meter varies by row unit and hopper. This bulletin details the routing instructions for these various row unit and hopper combinations.

Standard Routing

This routing method is detailed in the vDrive installation manual on page 4. It is the routing method for:

- Kinze 1.6 bushel and mini hoppers puller row units
- Case 1.6 bushel and mini hoppers
- John Deere 1.6 bushel hoppers

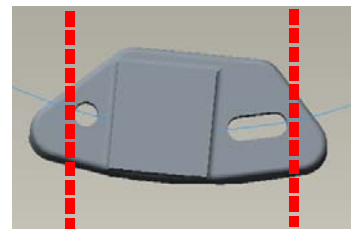
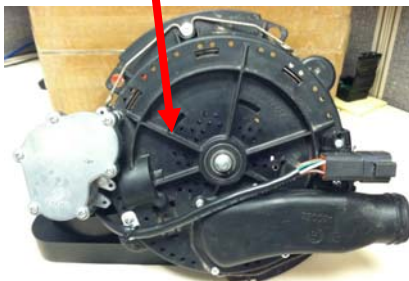
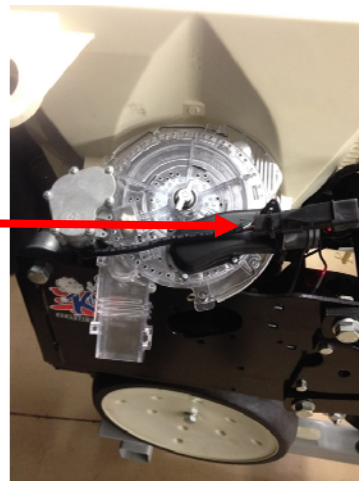


Kinze 1.6 Bushel Pusher Rows

Option 1: Use a zip tie to clip harness to vac tube.

Option 2:

- Remove butterfly drive
- Modify clip as shown
- Connect clip to meter
- Secure wire to meter



Cut clip along dotted lines.

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John Deere 1.6 Bushel on Non-Cast Row Units

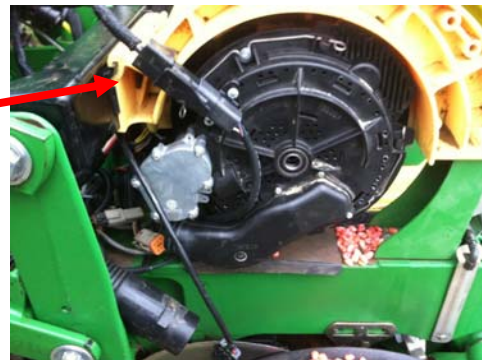
Some planters have interference between the row unit and the harness when clipping and unclipping. If this occurs, move the clip up to the 3rd full hole and secure the cable with a zip tie around the vac tube.



JD Mini Hoppers

Option 1: The harness is routed up and over the front mini hopper mounting bracket—use if you have 90 degree row harness connector (729021 rev12).

Option 2: Attach the harness to the mini hopper stand—use if you do not have 90 degree row harness connector.



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Additional Notes:

To unclip the vDrive on the following row units, tip the hopper forward and unclip:

- Kinze 1.6 bushel puller without DeltaForce
- JD 1.6 bushel cast row unit
- CNH 1.6 bushel hopper

To unclip the vDrive on the following row unit, reach in from underneath to unclip:

- Kinze 1.6 bushel puller with DeltaForce present.

The vDrive clip will not work with the current design of the Precision Planting Kinze Pusher mini hopper. Zip tie as able to keep it from being pinched.

On JD and Kinze row units, there may be extra length in the vDrive pigtail extension. This extra harness length should be tied down near the SRM to prevent it from being pinched.