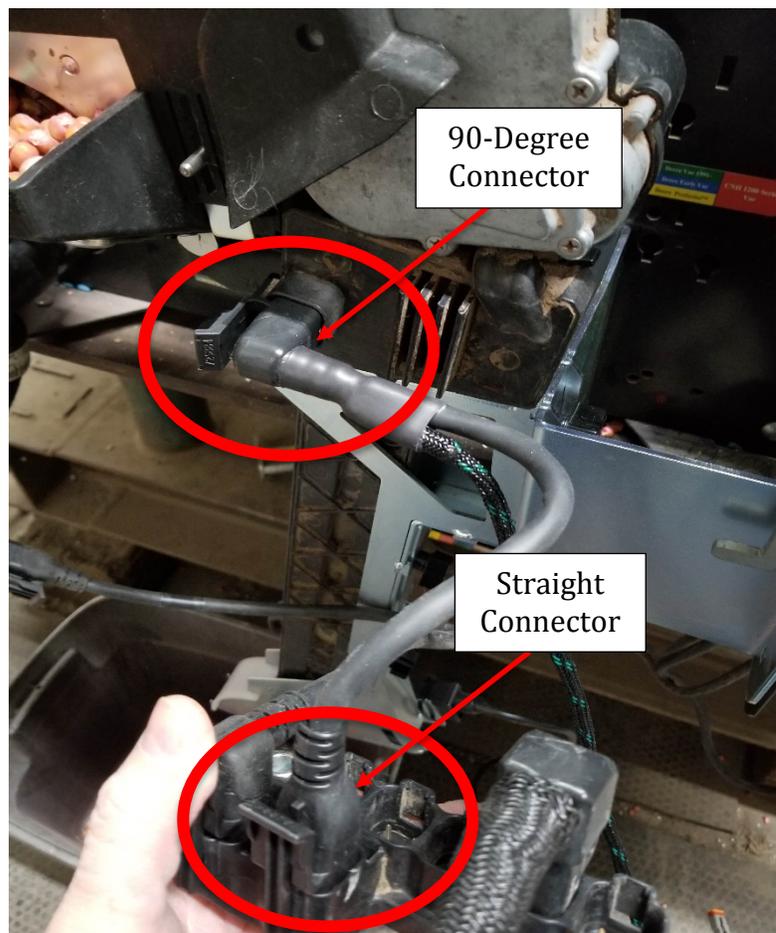


Precision Planting SpeedTubes and Seed-Squirter™

3-26-2019

To make Seed-Squirter work with the Precision Planting SpeedTube, you will have to:

1. Update software on the Gen 2 or Gen 3 20/20 display to 2019.1. You are able to get this software from the Precision dealer.
2. Get a different harness (729582) to go from the vDrive/SpeedTube to the connector block. This too is available from the Precision dealer.
 - a. The current or original harness will not work. This new harness will have three connectors on it:
 - i. **90 degree** 6-pin Deutsch connector on one end which needs plugged into the **vDrive/SpeedTube connection**.
 - ii. **Straight** 6-pin Deutsch which plugs into the **CAN Expansion Hub**.
 - iii. 1-pin weatherpack connector on a single leg that will come off the harness that is about 4' long. This weatherpack connector will plug into our 1-pin weatherpack connector on our planter harness.



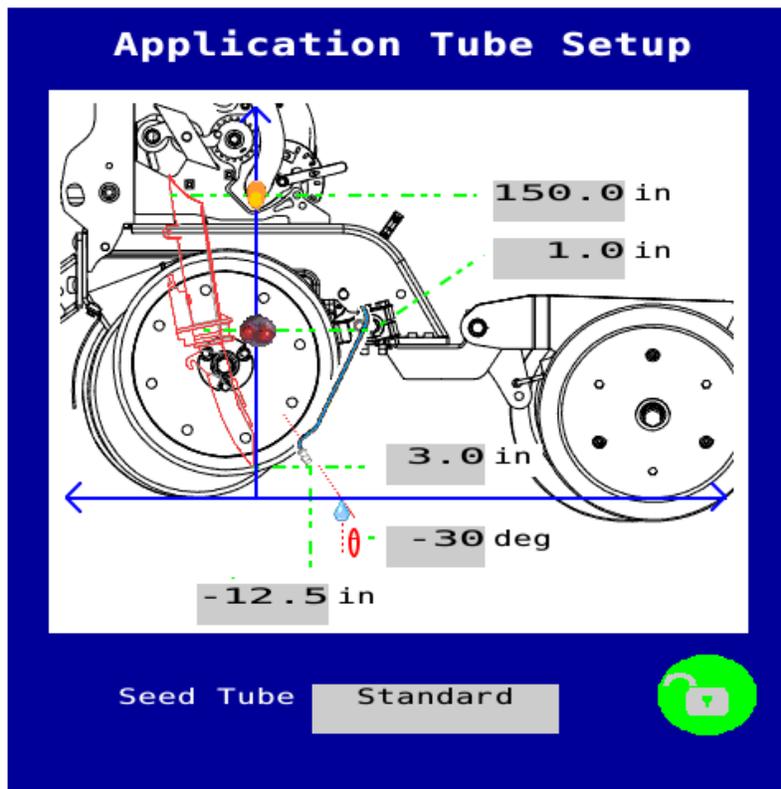
- b. **Note:** If you do not have a CAN Expansion Hub (729500) currently installed on each row of the planter, the customer will need to order one for each row. It is looking like they are around \$65.00 per hub kit. See attached [Tech Bulletin](#).



3. If you have the old Precision Planting harness without the Expansion Hub, you can buy one adapter per row from us. The part number is 115201-012, (Adapter, SpeedTube, Precision Planting). If they are running multiple Precision Planting systems, they need the Hub and not just our adapter.
4. When you get to the point where you are inputting the measurements into the Application Tube Setup screen, there will be two measurements that you will need to use that will not make sense. Input them this way anyway.
- The Seed tube height is going to be 150”.
 - The Seed Sensor height will be 1”.

The bottom three measurements need to match what the fertilizer tube measurements are physically. The picture below are the measurements for the Deere tube that is mounted through the insecticide hole.

Most of you will not see the Seed Tube Selection at the bottom of this picture, so don't worry about that.



Tech Bulletin: CAN Expansion Kit 729500

March 6, 2018



Starting summer 2017 any new SRM orders running more than one Row CAN device will require a Row CAN Expansion Kit and a CAN jumper cable to go from the Expansion Hub to each device. For example, vDrive and DeltaForce only the Expansion Hub is NOT required as DeltaForce is not a row CAN device. vDrive/Select with Speedtube AND/OR vDrive Insecticide, vApply HD, SmartFirmer, mSet, and CAN FlowSense WILL require the CAN Expansion Hub.

Note: At this time the jumper cable with the BROWN CONNECTOR is only used for systems that are running a vApply HD module controlling a 2nd product or a vDrive Insecticide motor.

Existing SpeedTube & insecticide systems using the Y harness (729288 kit) are compatible with Expansion Hub if the grower is adding vApply HD. The Y cable will plug into the Expansion Hub using a single CAN Jumper to connect the Y to the Expansion Hub instead of the Y cable plugging into the vDrive plug.



CAN Expansion Kit 729500

Row CAN jumpers will be offered in 10", 20" and 30" lengths. The brown jumper for second product will be 25".

Refer to the next page for Expansion Hub mounting locations and recommended jumper cable lengths.



Black Row CAN Jumper



Brown Row CAN Jumper

Recommended Row CAN Jumper Cable Lengths

Row CAN Expansion HUB location - on SRM	SRM Location				vSet Select Forward Bracket
	Right Hand Post	Left Hand Post	Right Side Panel	Left Side Panel	
vApply - Left parallel Arm	20	10	30	20	
vApply - Left Post	10	N/A	20	10	
vDrive	20	20	20	20	
SpeedTube	10	20	20	20	
vSet Select	30	20	30	10	20
vDrive Insecticide	25	25	25	25	

Row CAN Expansion HUB location - Opposite SRM	SRM Location				vSet Select Forward Bracket
	Right Hand Post	Left Hand Post	Right Side Panel	Left Side Panel	
vApply - Left parallel Arm	10	20	20	30	
vApply - Left Post	N/A	10	10	20	
vDrive	20	20	20	20	
SpeedTube	20	10	20	20	
vSet Select	20	30	10	30	N/A
vDrive Insecticide	25	25	25	25	

Row CAN Expansion HUB location - Parallel Arms	SRM Location				vSet Select Forward Bracket
	Right Hand Post	Left Hand Post	Right Side Panel	Left Side Panel	
vApply - Left parallel Arm	10	10	10	10	
vApply - Left Post	20	20	20	20	
vDrive	30	30	30	30	
SpeedTube	30	30	30	30	
vSet Select	30	30	30	30	30
vDrive Insecticide	25	25	25	25	