

# ***Ag Leader***® ***Technology***



## **Installation Instructions** **SureDrive - vSet2**

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**SureDrive®**  
**Installation Instructions**  
**PN: 2006480-ENG REV F**

# Installation Overview

## Required Parts

Part Number	Qty *	Description
4005787	1	SUREDRIVE CLAMP MOUNT WITH RUBBER
4005620	1	VSET2 CLAMP ADJUST
4005447	1	VSET2 SEED METER COUPLER
4004984	1	BRACKET, MOTOR, VSET2
4007082	1	CAM SUPPORT BRACKET
2002435-05016	1	PAN HEAD SCREW, M5 X 16mm
2002004-25062	1	HEX SERRATED FLANGE CAPSCREW ¼-20 X 5/8 IN
2002412-06020	4	SOCKET HEAD CAP SCREW, M6 X 20mm
2002225	1	HEX SERRATED FLANGE NUT ¼-20
2002285-06050	2	PAN HEAD SCREW, HI-LOW THREAD, #6 X 1/2
2002226-06020	2	HEX SERRATED FLANGE BOLT, M6 X 20mm
2002086-09150	1	SS COTTER PIN, 3/32" X 1-1/2"
2002155-05	1	HEX NYLOCK NUT, M5
2001000-20	1	DRILL BIT, 13/64"
* Quantity per row unit		

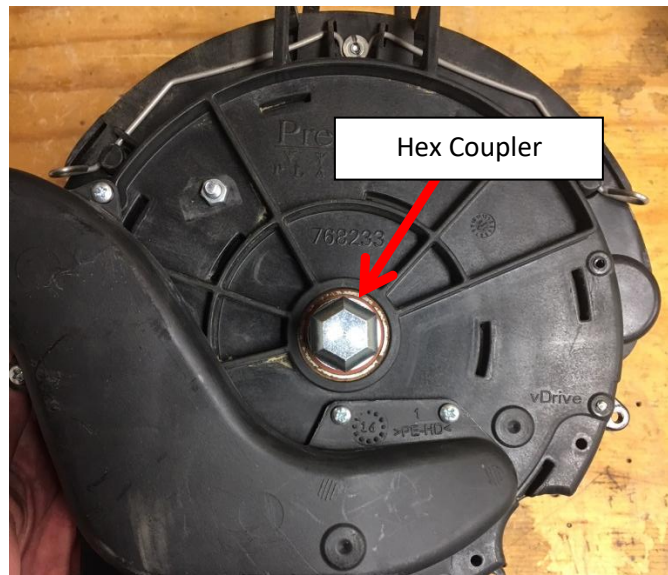
- **Note:** Installations on Harvest International row units will require adjustment of the mini-hopper support bracket in the rearward direction.

# Installation Procedure

1. Remove drive key or knob from vSet2 seed meter shaft by driving out the 3/32 roll pin installed on the meter.



2. Install hex coupler onto meter shaft.



3. Remove two screws from the locations shown on the vSet2 seed meter vacuum duct.

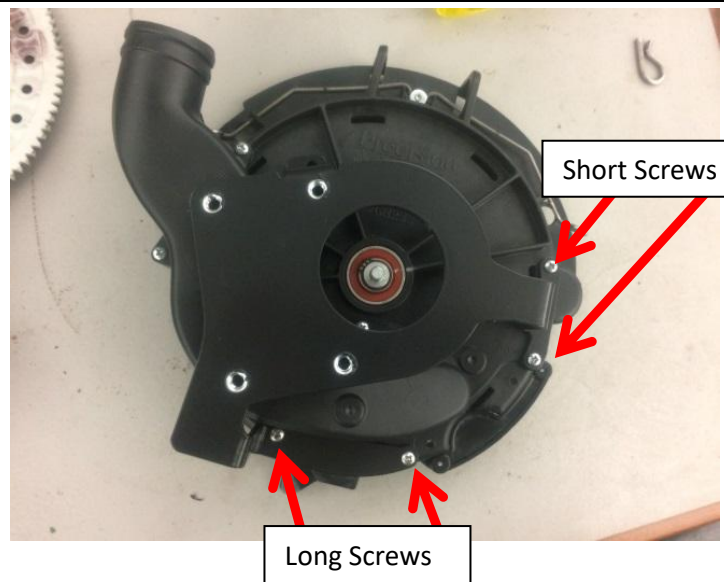
KEEP SCREWS as they will be used later in the installation.



4. Align motor bracket on vSet2 seed meter housing as shown.

Use the 1/2 inch long screws supplied in this kit to attach to the locations where screws were removed in step 2.

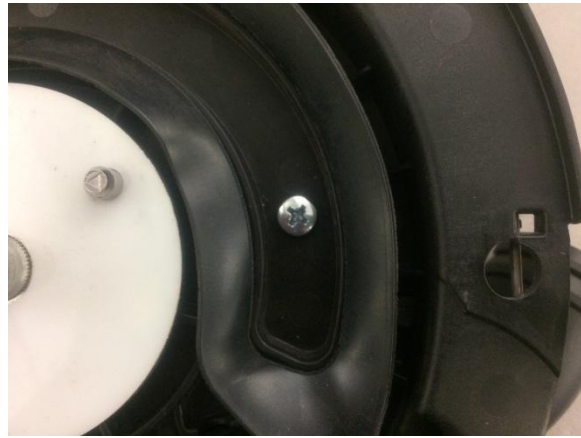
Use the two screws removed earlier to attach to the two indented bosses on the vSet meter.



5. Remove seed plate from meter if installed, and drill a 13/64 inch hole in housing through hole in bracket shown.



6. Attach bracket to housing using M5 pan head screw. Install screw from inside of meter housing as shown and retain on opposite side using M5 lock nut.



7. Remove the (3) T20 screws from the SureDrive casing



8. Place CAM support bracket (4007082) and re-install the T-20 screws

- **NOTE:** Do not overtighten T-20 screws. Once snug, torque with a ¼ turn



9. Install SureDrive motor and attach to motor bracket using four M6 socket head cap screws.



10. Loosely clamp SureDrive Motor with 4005620 and 4005787.



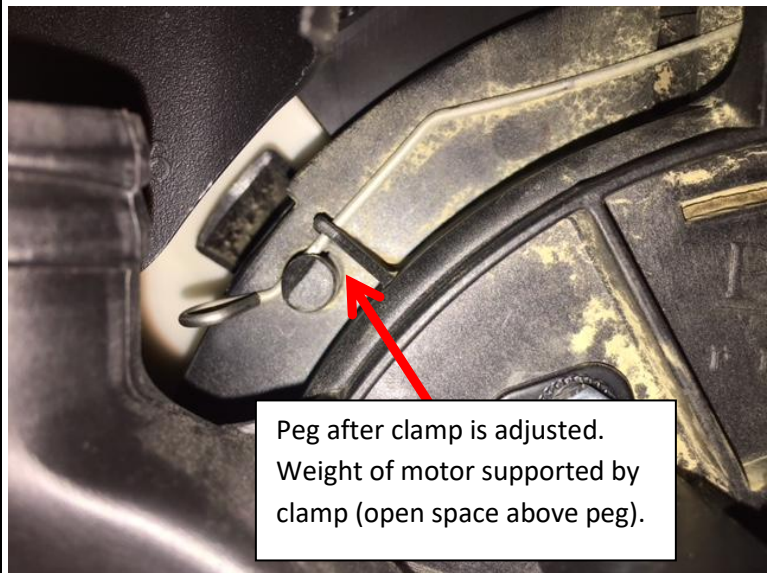
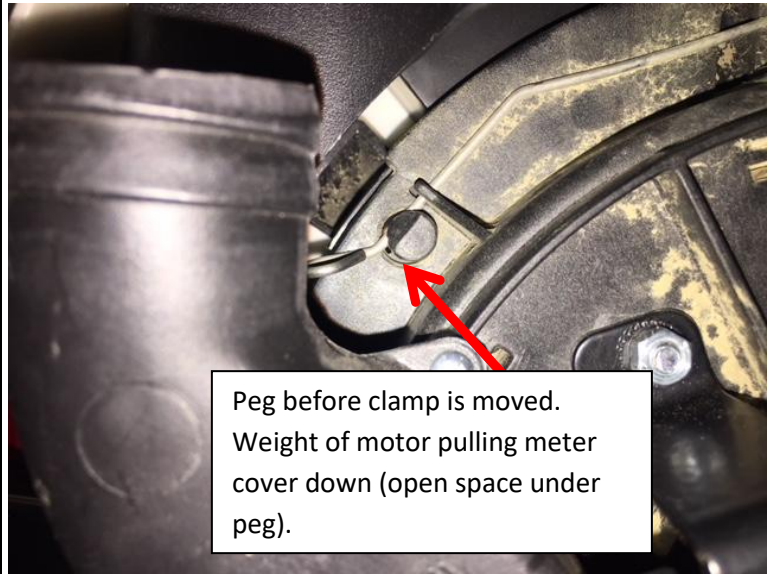
11. Mount vSet 2 meter to row unit so that the motor clamp rests on the goal post base.

- **NOTE:** See images for orientation option

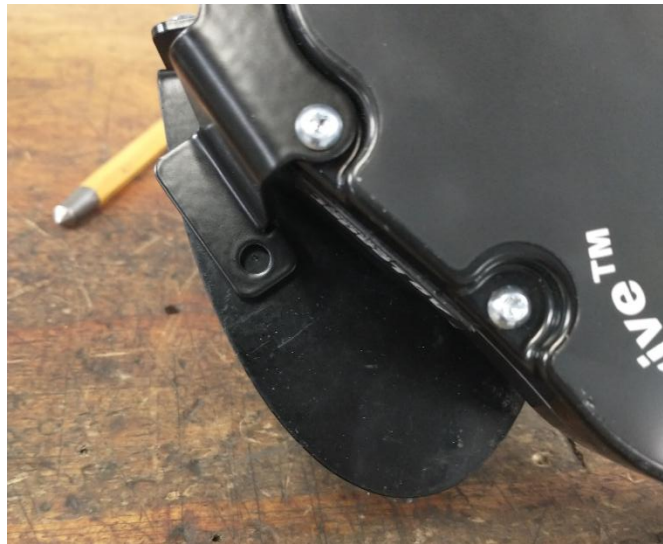


12. Lift SureDrive motor slightly and rotate clamp assembly about the SureDrive motor so that the weight of the meter cover and SureDrive rest on the clamp assembly. The weight of the meter cover and SureDrive should not allow the meter cover to be resting on the meter peg as shown. Once in position tighten the clamp.

**Note:** Clamp should be tightened snug but the two pieces (4005620 and 4005787) do not need to touch.



13. Carefully remove the assembly making sure the clamp bracket (4005620) doesn't move
14. Use a centerpunch to mark the position of the support bracket (4007082) on the clamp bracket (4005620)
15. With a 9/32 or 1/4 in drill bit, drill a hole in the location previously marked



16. Connect the two brackets together using the 1/4-20 X 5/8 serrated bolt and the 1/4-20 serrated nut
  - **NOTE:** You may have to loosen the clamp so the two brackets can sit together flush
17. Re-install the assembly by following step 12

