

# Installation Manual

## ***Model 695BBHD***

***115 Gallon Preservative Applicator  
New Holland & Case IH BB High Density Baler***



*Equipment and Products  
for Quality Hay.™*

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P.O. Box 63 • 2821 Harvey Street • Hudson, WI 54016  
800-635-7468 • [www.harvesttec.com](http://www.harvesttec.com)

**DECLARATION OF INCORPORATION**



**MANUFACTURER:**

Harvest Tec Inc.  
2821 Harvey St.  
P.O. Box 63  
Hudson, WI 54016, U.S.A.

**REPRESENTATIVE ESTABLISHED IN COMMUNITY:** Profitable Farming Company  
Middle Barlington, Roborough  
Winkleigh, Devon, EX19 8AG  
ENGLAND

The person above certifies and declares that:

**VIRTUAL MACHINE:** Equipment mounted on a farm press and for the application of inoculants onto forage crops.

**MODEL:** 695BBHD-20-INST (Imp&Metric)

**BRAND:** Harvest Tec

**SERIAL NUMBER:**

This application preservatives for hay Harvest Tec system meets the Directive 2006/42/EC of the European Parliament and the Council of 17 May 2006 and other applicable European Directives including Directive 2004/108/EC on the Electromagnetic compatability.

The application of preservatives for hay Harvest Tec system will be turned on after being installed on a farm press has been declared in conformity with the Machinery Directive.

Person in the community authorized to provide information on the partly completed machinery and making this statement:

**Richard Snell, President, Profitable Farming Company**  
Signed on May 21, 2011: Middle Barlington, Roborough  
Winkleigh, Devon, EX19 8AG  
ENGLAND

# Harvest Tec Model 695BBHD Installation Table of Contents

	<u>Page</u>
<b>Introduction</b>	<b>4</b>
<b>Tools Needed</b>	<b>4</b>
<b>Installation of Applicator</b>	<b>5-16</b>
Removal of Tank Straps and Tank	5
Installation of Tank	6
Read Light Camera Brackets Installation	6
Installation of Pump Manifold and Handrail	7
Installation of Dual Channel Processor (DCP)	8
Installation of Moisture Harness	9
Installation of Star Wheel Moisture Sensors	10
Installation of Bale Rate Harness	11
Installation of Install Kit 4636B	12
Wind Guard Installation	13
Plumbing	14
High and Low Output Tip Descriptions	14
Installation and routing Wire Harnesses and Baler Interface Harness	15
Installation of iPad Integration Control	16
iPad Integration Control Light Signals	16
Bluetooth Receiver Lights	16
<b>Wiring Diagram</b>	<b>17</b>
<b>Pin Outs</b>	<b>18-20</b>
<b>Parts Breakdown</b>	<b>21-29</b>
Tank and Saddle legs	21
Pump Manifold	22
Star Wheels	22
Bale Rate Sensors	23
Hose and Drain Fill Line	24
Controls and Harnesses	25
4636B Installation Kit	26
Read Light / Camera Brackets	27
Optional iPad Mini Mounting Kit	28
Optional iPad Display Kit	29
<b>Notes</b>	<b>30</b>
<b>Warranty Statement</b>	<b>31</b>

## Introduction

Thank you for purchasing the 695BBHD Hay Preservative Applicator System. This applicator system has been designed to plug directly into the baler's ISOBUS and display on the New Holland Intelliview 3 or Intelliview 4, Case Pro 300 or Pro 700. As well as the option of operation through an Apple iPad (not included) using the Hay App. The Preservative Applicator System offers these advantages:

1. Operation coordinated with baler operation
2. Less cab clutter providing better visibility
3. Ease of use with all information on one screen
4. Records kept together
5. The system is ready for future updates

The 695BBHD Hay Preservative Applicator System is designed to apply buffered propionic acid to the forage crop as it is baled. The 695BBHD Applicator will adjust the rate of application based on moisture and tonnage of the crop being harvested. This manual will take you through the steps of installing the applicator. Please read this manual carefully to learn how to install the equipment correctly. Failure to do this can result in personal injury or equipment malfunction. If you are unsure about installing the system after consulting this manual, contact your local authorized dealership for additional assistance or look for the contact information on the back cover of this manual. If you are in need of parts for the system please view the Parts Breakdowns toward the back of this manual and contact your local authorized dealer to order the parts. This applicator is designed to apply Crop Saver and Thirty Plus buffered propionic acid.

Right and Left sides are determined by facing in the direction of forward travel.

**\*Made for iPad® (3<sup>rd</sup> through Pro 2<sup>nd</sup> generation), running the current iOS operating system or one version previous required for iPad option**

\*iPad is a trademark of Apple Inc., registered in the U.S. and other countries.

**\*\*600 Series Applicators with serial number before DCP27000 will require the DCP to be sent to Harvest Tec for a required update in order to use the iPad Integration Module (030-6672C).**

\*Hay App version must be **at least 2.7.1 (or higher)** to operate with the iPad Integration Module

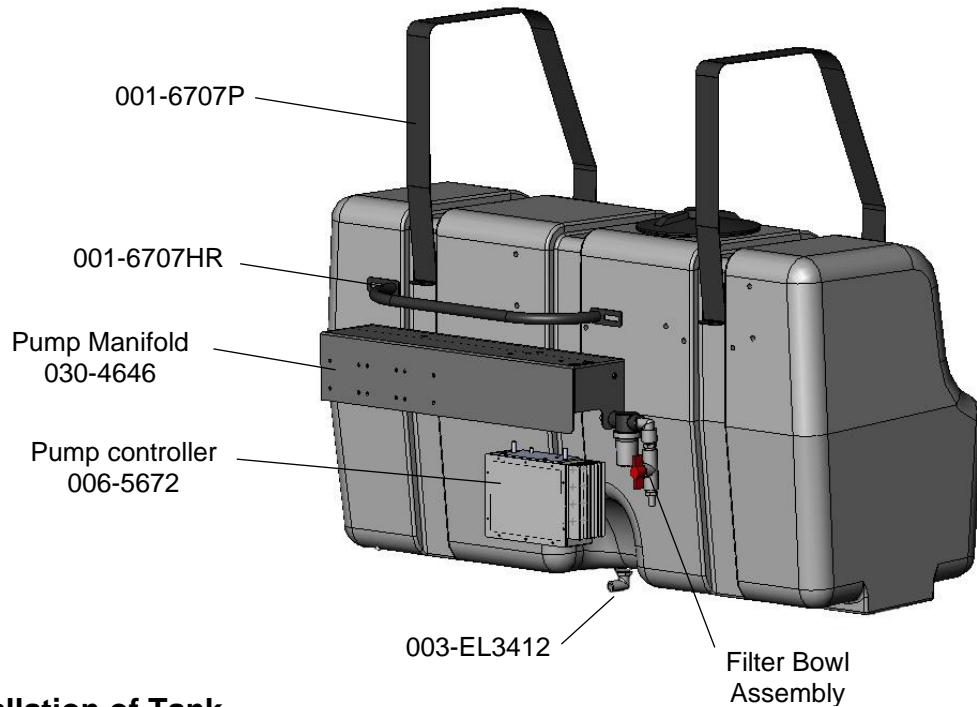
## Tools Needed

- |                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| - Standard wrench set | - Electric drill and bits | - Side cutter             |
| - Crescent wrench     | - Standard screwdriver    | - Standard nut driver set |
| - Standard socket set | - Hammer                  | - Metal cutting tools     |
| - Hose cutter         | - Center punch            |                           |

## Installation of Applicator

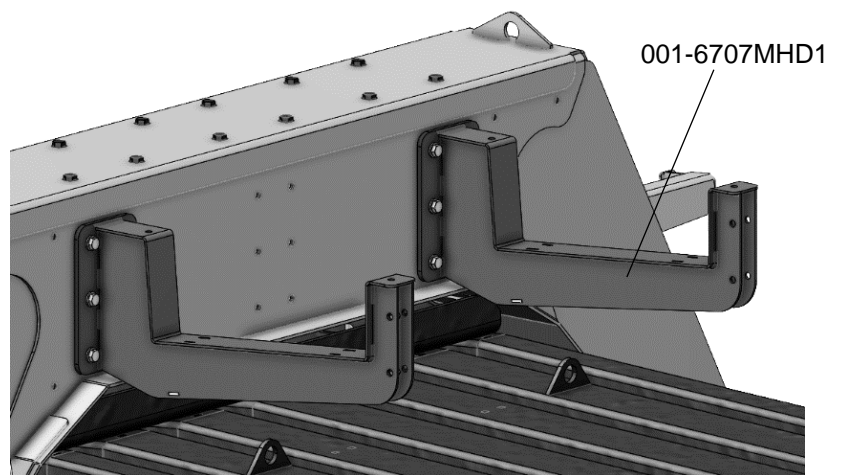
### Removal of Tank Straps and Tank

1. Remove the two tank straps (001-6707P) and place the tank on a smooth flat surface.
2. Install the pump supply elbow (003-EL3412) on the bottom sump of the tank (middle of tank) shown below.
3. Install the drain/fill elbow (003-EL3434) on the right side of the tank below the sight gauge.



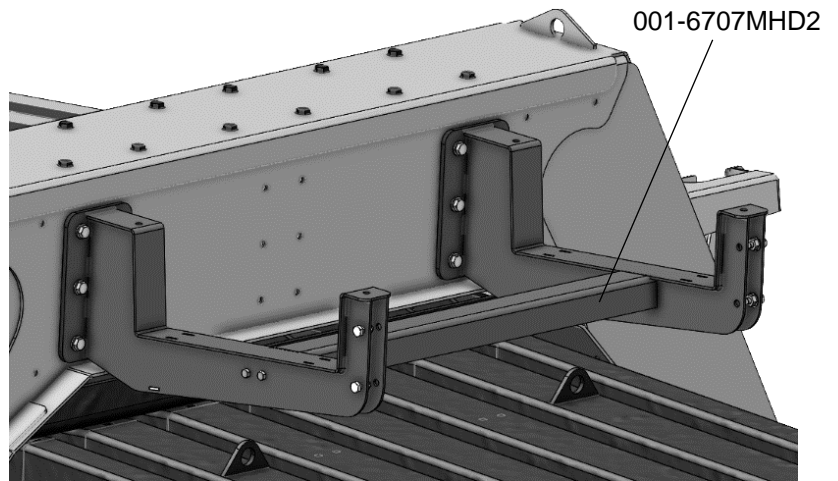
### Installation of Tank

1. Install the two saddle legs (001-6707MHD1) on to the rear of the bale support bracket. Locate the pre-drilled holes and hardware from parts bag 20 to mount the legs as shown (right). Do not fully tighten until cross beam is installed in next step.



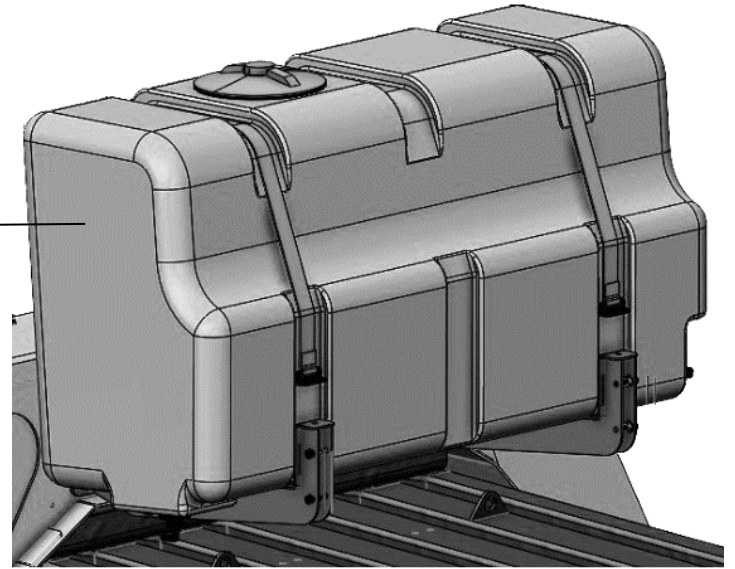
## Installation of Tank (continued)

2. Locate the cross beam (001-6707HD2) and mount between the two tank legs (001-6707HD1) using the pre-drilled holes on each leg. Using the hardware in parts bag 20 secure the beam. The tank legs can now be fully tightened.



3. Position the tank assembly (030-9218) and tank straps (001-6707P). \*Do not tighten tank straps prior to installing the Rear Light Camera Bracket in the next step.

001-6707PMZ



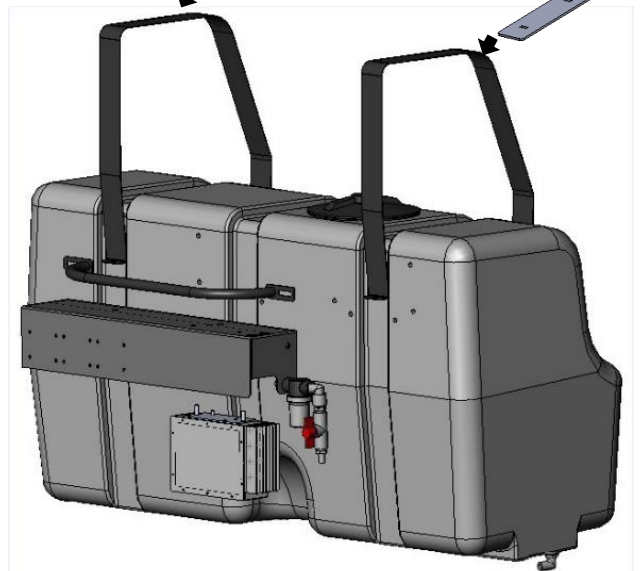
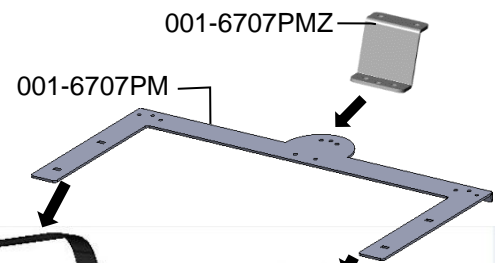
## 4. Rear Light Camera Brackets Installation

Install the camera/light bracket (001-6707PM) as shown on the right by lining up two holes in the arms of the bracket with the holes on the tank straps. Using the supplied elevator bolts install the bolt with the head on the tank side with threads pointing upward.

Install the camera mounting brackets (001-6707PMZ) to the camera light bracket as shown on right. Move the lights and camera as needed using the light extension harness (006-7303LTX).

### Note:

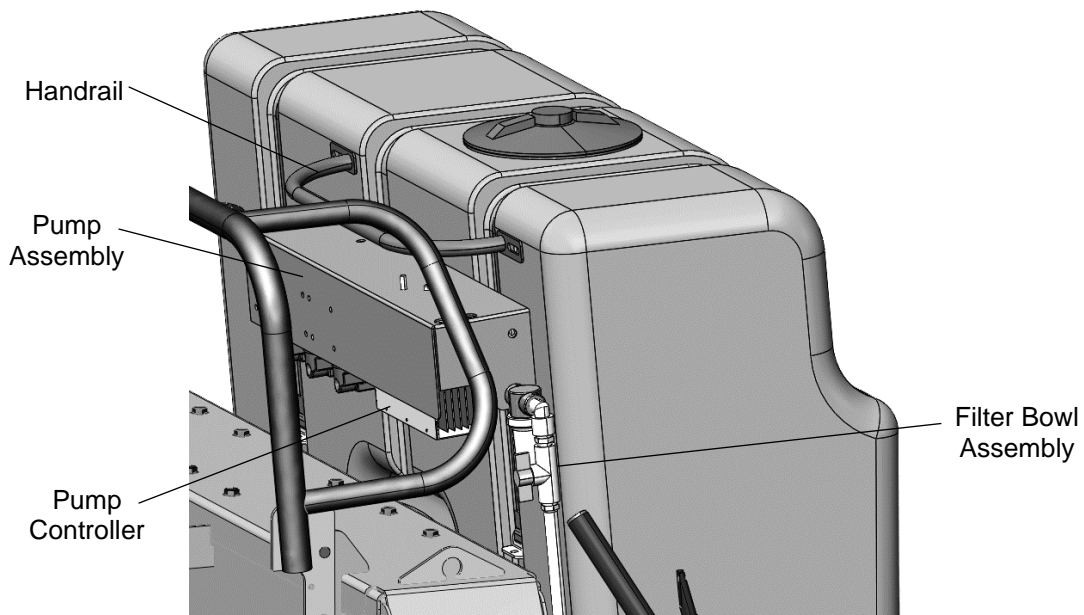
The straps will need to be loosened to allow room for placement of the bolts. Tighten the tank straps after bolts are installed.



## Installation of Pump Manifold and Hand Rail

1. Locate and attach the filter bowl assembly to the outside of the pump manifold. Locate the 1/2" (13mm) hose and connect the filter bowl assembly to the sump tank fitting using the supplied two hose clamps.
2. Remove the four flange bolts that connect the two parts of the pump manifold together (below).
3. Connect the pump manifold mounting bracket to the tank and secure with six 3/8" x 3/4" flange bolts. Reinstall the other half of the pump manifold and secure with four 3/8" x 3/4" flange bolts.
4. Install the handrail (001-6707HR) above the pump manifold using two 3/8" x 3/4" flange bolts.
5. Install the Pump Controller (006-5672) on to the pump manifold. Secure using two 5/16" lock washers, flat washers and hex nuts.

***The Pump Controller and pump heads must be pointing down. Failure to mount the pump plate assembly in this specified direction will void all warranty of the Pump Controller and pumps.***



## Installation of the Dual Channel Processor (DCP)

1. Locate the Dual Channel Processor (DCP) 006-6671LS.
2. Lock the baler flywheel brake and lift open the front hood.
3. Locate the four holes by the fly wheel brake (Figure 1).
4. Use four 5/16" x 3" hex bolts with four flat washers (positioning bolt heads on the inside of the baler frame) and secure to the baler with four 1 1/8" threaded standoffs that will be on the outside of the baler frame. Position four fender washers between the DCP and standoffs (Figure 2).
5. Mount the DCP with the display cable pointed down to the baler (Figure 3). \*The baler ECU will be partially covered by the DCP.
6. Attach lock washers and hex nuts to mount the DCP to the baler. Do not tighten down yet.
7. Before tightening hardware install the DCP shield (001-5650X) over the top two 5/16" bolts between the fender washers and the mounting plate of the DCP. Tighten all hex nuts (Figure 4).

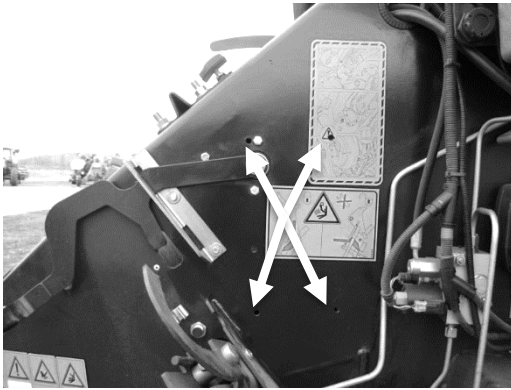


Figure 1

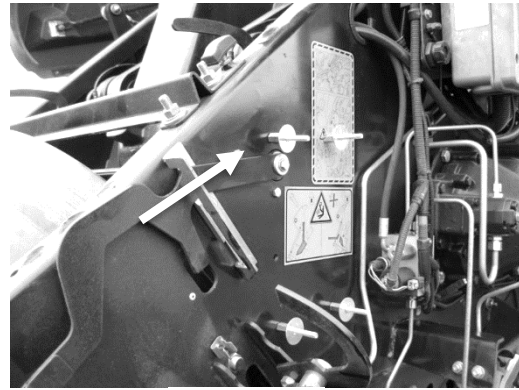


Figure 2

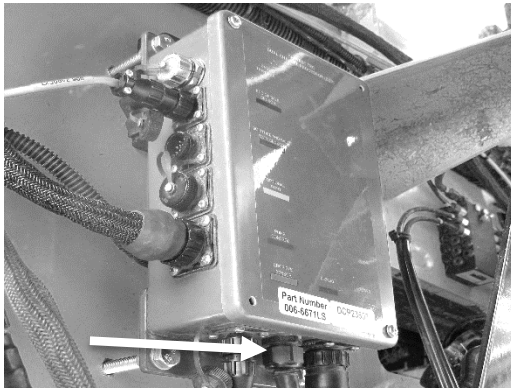


Figure 3

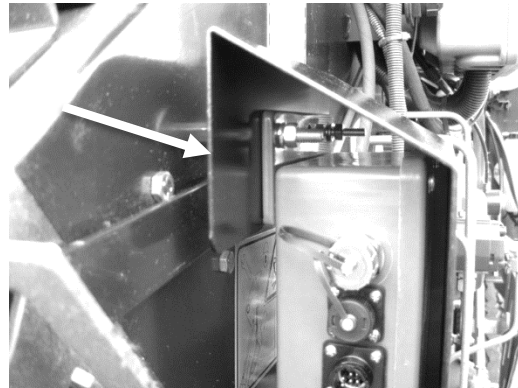


Figure 4

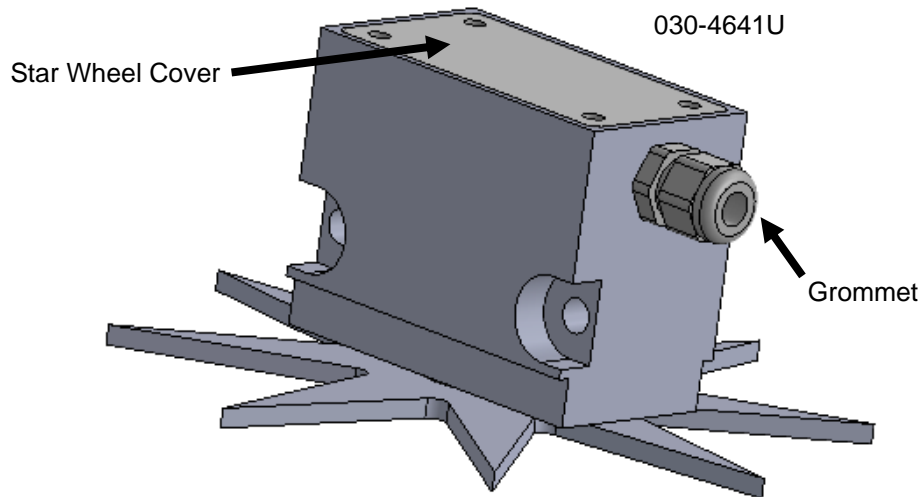


## Installation of Moisture Harness

Locate the moisture harness 006-7303HX and the two star wheel moisture sensors (030-4641U). Remove the pan head screws on each star wheel and remove the star wheel cover. Loosen the black grommet.

Insert the eye loop of the wire into the star wheel block through the grommet and install on the end of the swivel. Leave a loop in the wire to allow the star wheel cover space to be reinstalled.

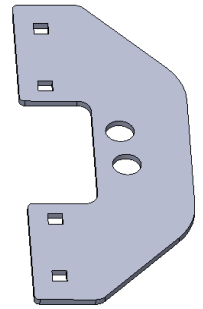
Tighten the swivel nut, followed by the grommet, and finally install and tighten the four screws. Once both wheels are complete, route the harness towards the DCP and secure loose wires with cable ties after the star wheels are installed on the baler in the next step.



## Installation of Star Wheel Moisture Sensors

001-4644BBHD

1. Locate the star wheel reinforcement brackets (001-4644BBHD) show on the right and parts bag A.
2. The two pre-drilled mounting holes for the star wheels are located past the knotters on the right side of the top support bar running the length of the bale chute (Figure 1).
3. Position the star wheel mounting holes and mark the width of the star wheel 3" (88mm). As well as the depth of the star wheel of 2" (50mm). This piece will need to be removed from the baler bracket in order for star wheel to fit flush with baler bracket (Figure 2).
4. Position the left side reinforcement bracket (001-4644BBHD) around the star wheel. This will be labeled *'Left Side of Baler, This Side Up'*. Shown mounted in Figure 3. Repeat mounting the star wheel and installation of the reinforcement bracket on the right side of baler. \*\*The label will be facing down when mounted on right side of baler.



5. Locate the end of baler sensor bracket (001-4644SS) and the two bale rate sensors (006-7303S). The sensors will be pre-mounted to the bracket. Mount the bracket and sensors as shown in Figure 4. Sensors only mount on the RIGHT side of baler.

001-4644SS

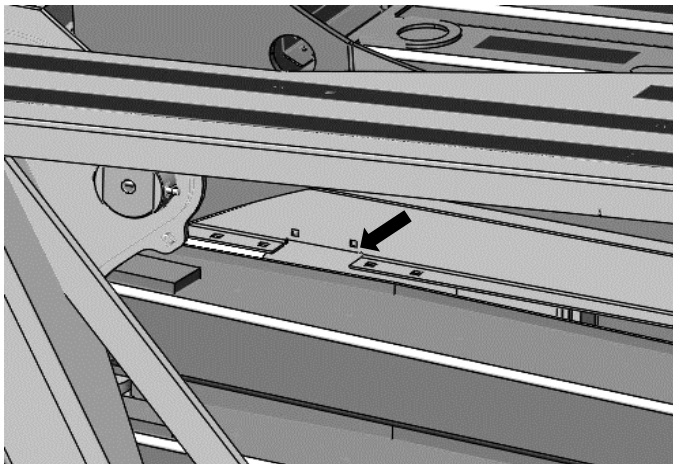
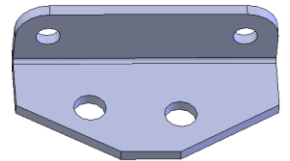


Figure 1

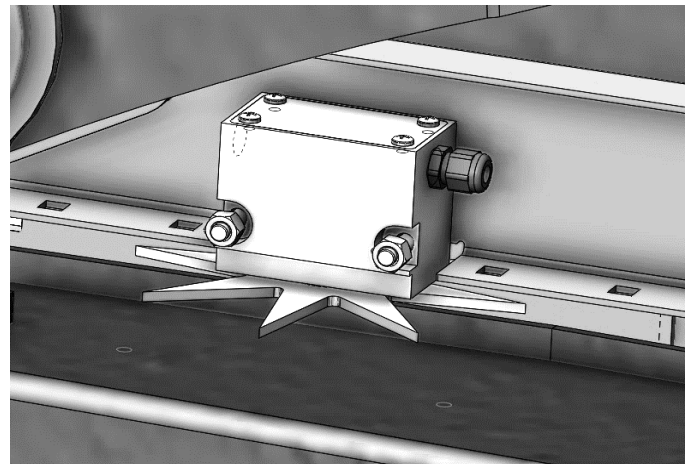


Figure 2

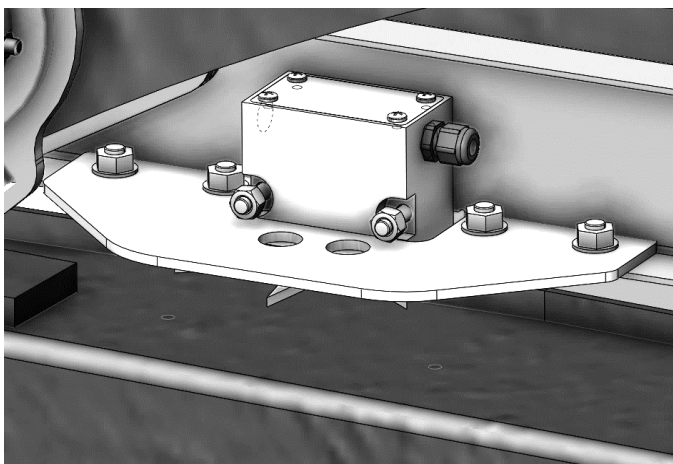


Figure 3

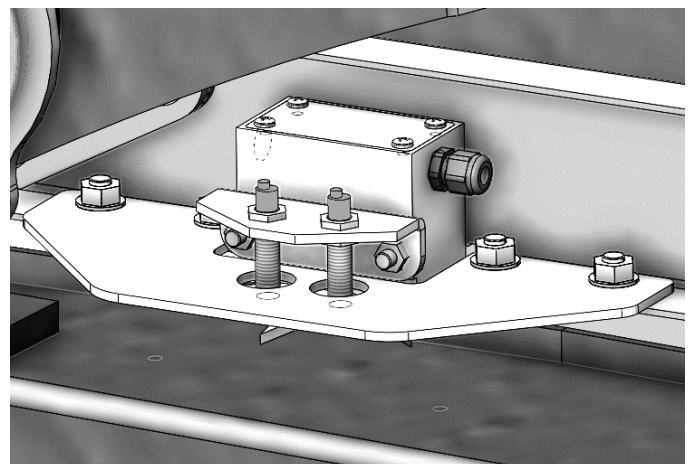


Figure 4  
Right Side of Baler

## Installation of Bale Rate Harness

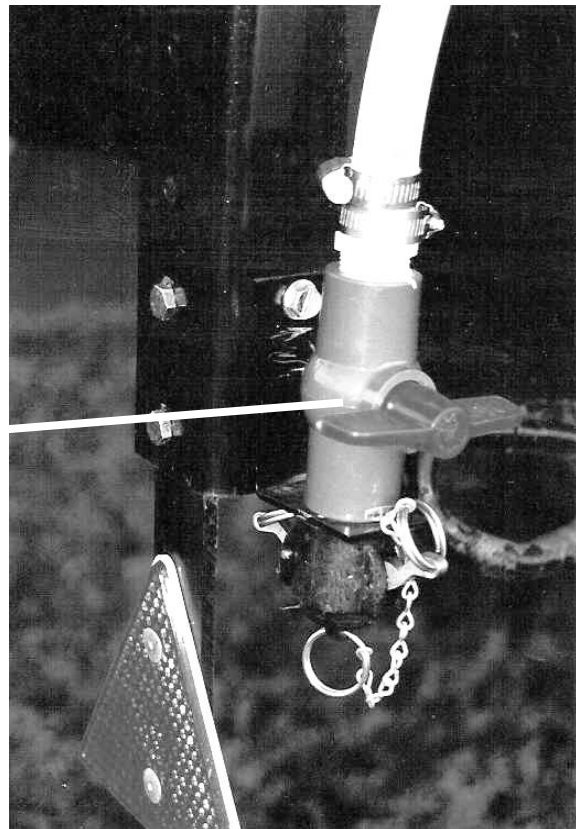
On the moisture harness 006-7303HX (connected to star wheel) locate the wire that says "FRONT" which indicates it should be connected to the front sensor (closest to knotters). Connect the wire that says "BACK" to the other sensor.

The tip of the sensor should be placed no more than 1/4" (7mm) away from the star wheel teeth and no less than 1/8" (3mm) from the star wheel teeth. Each sensor will have an LED light located in the middle of the sensor on the threads of the sensor. Once the unit is powered up spin the wheel and make sure that both led lights turn on and off. If they don't turn on and off, adjustments may need to be made.

Once the connection is complete, run the harness along the left side baler frame to the Dual Channel Processor (DCP). The Dual Channel Processor is located next to the flywheel brake.

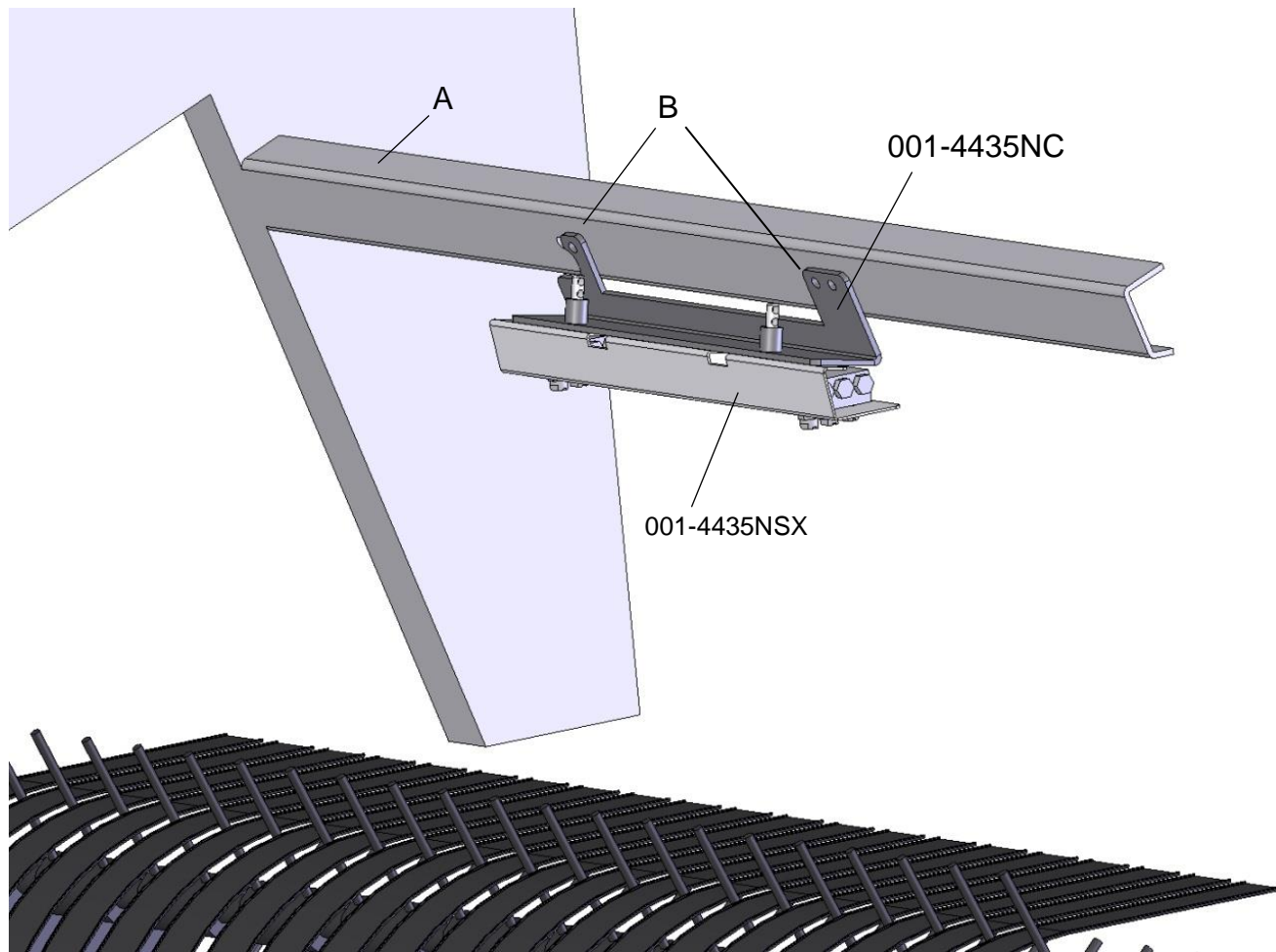
## Installation of the Drain Fill Line

1. Thread 3/4" elbow fitting into end of tank.
2. Run hose from the elbow down the frame to the bottom of the baler (below left).
3. Drill 1/4" (7mm) holes to accept the valve holder bracket, use 5/16" x 1" self-tapping screws (below right).
4. Connect valve assembly to other end of hose. Place hose clamps on both ends.
5. Secure hose to frame using cable locks.



## Installation of Install Kit 4636B

1. Locate the baler cross member directly above the rotor (below point A).
2. Locate the four pre-drilled holes on the cross member (point B).
3. Install spray shield holder (001-4435NC) to baler using three 5/16" x 1" bolts, lock washers, hex nuts.
4. Install the spray shield (001-4435NSX) to the the shield holder (001-4435NC) and secure with supplied lynch pins.





## Wind Guard Installation

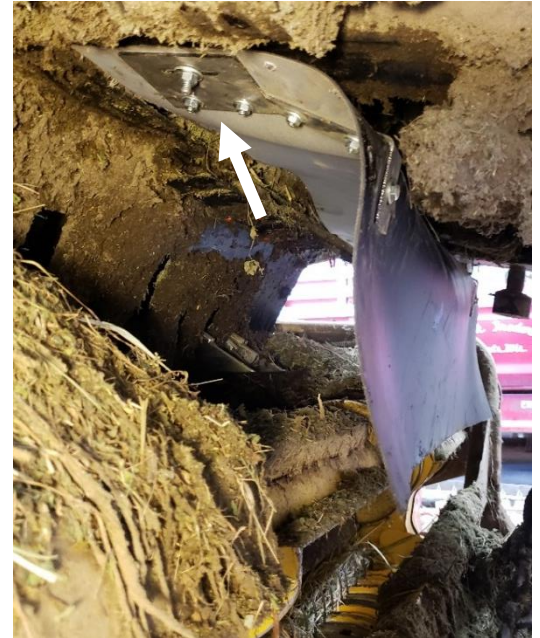
### 3x3 Baler

**Step 1:** Locate the factory drilled holes on both sides of the baler tongue. The general location of these holes are shown in the image to the right. If holes are not present or a different location is desired, drill appropriately.

**Step 2:** Assemble the wind guard (030-6707WG3). Start by locating all materials listed previously. Next, align the 1/4" (6mm) holes of the guard material (001-6707GM3) with the 1/4" (6mm) holes of the 001-6707MER/MEL brackets. *(It is recommended to place the guard material on top of the brackets).*

Next align a 001-6707MF backing plate with the 1/4" (6mm) holes on each end of the assembly. *(The rubber guard material should now be sandwiched between the mounting bracket and backing plate).* Finally, fasten together with the 1/4" hardware provided.

**Step 3:** Bring the assembled wind guard to the baler. Using the 5/16" hardware, fasten the wind guard to baler using the outside holes of the brackets & the holes located or drilled from Step 1.



### 3x4 Baler

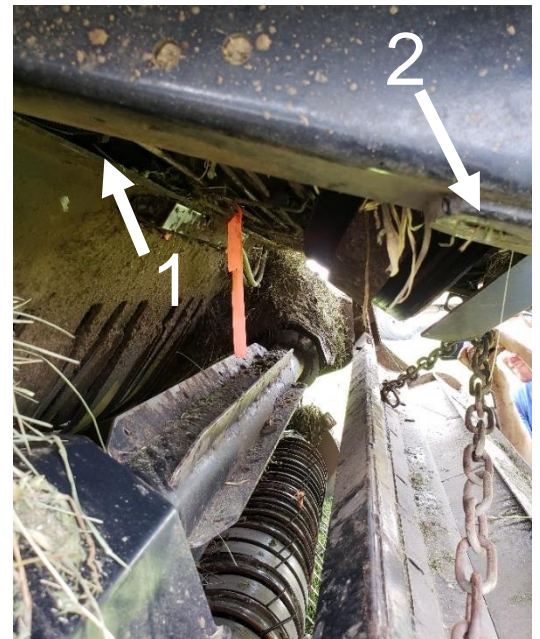
**Step 1:** Locate the ledge near the spray shield (1) and with 001-6707MA in hand, mark out drill locations for the two slots of the 6707MA bracket. Bracket should be as centered about the spray shield. If you're confident with drill locations, drill the two holes and move to step 2. Also note the factory drilled holes on the tongue of the baler (2), locate part 001-6707MC and ensure holes align on both sides.

**Step 2:** Assemble the wind guard (030-6707WG4). Start by locating all of the materials listed above. Using the 1"x 1/4" bolts and washers place the guard material (001-6707GM4) on the top bracket. Guard material should now be held in place with only the bolts. Locate part (001-6707MB) and place over protruding bolts, secure with flat washers and nuts. Note: Ensure the rubber guard material is placed on the top side of the of the 6707MA bracket.

**Step 3:** Again using the same hardware from step 2 fasten the guard material to the bottom bracket (001-6707MC) utilizing the remaining 001-6707MB backing bracket to clamp down the material.

**Step 4:** Bring assembled wind guard to the baler, it is recommended that you get another person to assist here. Start by securing the top bracket to the ledge where holes were previously drilled. Secure with 5/16 x 1" hardware. Now locate the 5/16 x 1.5" bolts. Use the bolts, flat washers and nuts to secure the bottom bracket to the baler factory drilled holes. Refer to finished install side view shown on the right.

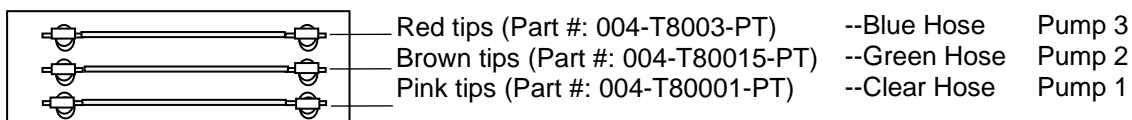
Note: If installed correctly, the wind guard should not make contact with the fly wheel or center feed roll when the pick-up head is fully lifted.



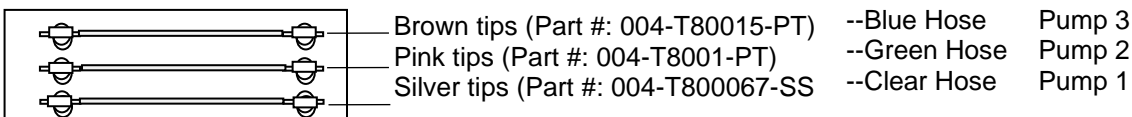
## Plumbing

- A. Locate the three 1/4" (7mm) hoses colored clear, blue, and green. The pumps will need to be connected to specific tips. so the pump numbers are as follows: Pump 1 is closest to the filter bowl, pump 2 is in the middle, and pump 3 is the outside pump.
- B. Slide the jaco nut over the end the hose and insert the hose into the jaco fitting of the pump and tighten the jaco nut. Because all nozzles on the spray shield are different the operator will need to match the correct pump position with the correct nozzles and tip positions.
- C. **KEEP HOSE AWAY FROM: MOVING PARTS, SHARP METAL AND HYDRAULIC LINES. WORKING TEMPERATURE FOR THE HOSE IS 140 °F AND UNDER.**
- D. Tie the hose down at secure locations on the baler using the enclosed tie straps and cable clamps.

### High Output Tips for Rates Requiring 84-632 lbs/hr. (Approximately 21-63 tons/hr)



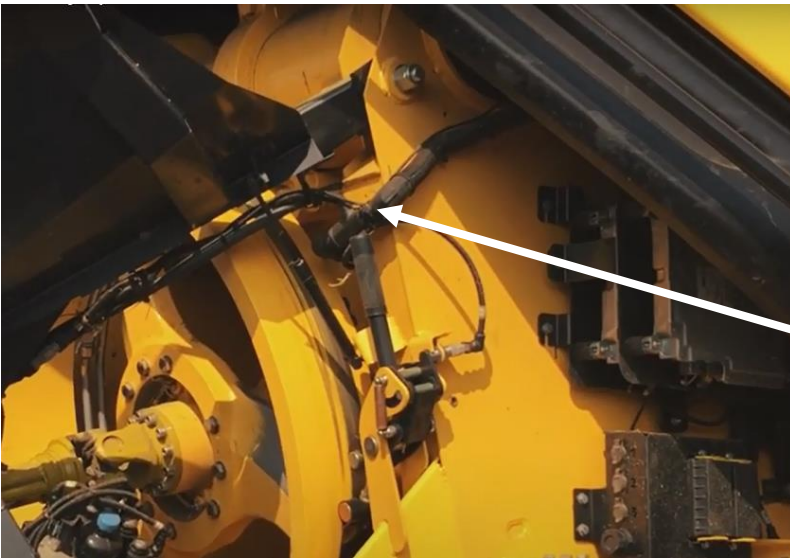
### Low Output Tips for Rates Requiring 44-400 lbs/hr. (Approximately 11-40 tons/hr)



## Installation and Routing Wire Harnesses and Baler Interface Harness



Route harnesses along inside of the baler (left). Keep harnesses away from moving parts and hydraulic hoses. Secure with existing cable clamps or use cable ties. When all connections are made to the DCP secure wires.



Locate and remove the Active Terminator of baler (below). Attach Baler Interface Harness (006-6650VA) to that location on baler.

Reconnect Active Terminator to open port of that same harness (006-6650VA)



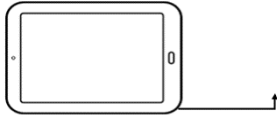


## Installation of iPad Integration Control

Locate a safe location in the cab of the tractor to place the iPad Integration Control (030-6672C). Recommended location is securely fastened out of the operators way in a location that is close enough to reach with the iPad cord.

**Connect the Power / Communication harness (006-6650TM(E)) to the bottom of the receiver.**

To operate the applicator, plug the iPad cord into the communication port indicated by:



## iPad Integration Control Light Signals

Green Slow Blink – Power supplied to the applicator system and the unit is going through its startup process. This will take approximately 25-35 seconds.

Green Double Blink – Indicating the iPad module recognizes the iPad but the app is not open or connected.

Green Solid Light – Module is connected to the app and is ready to operate.

\*Recommended to use the USB cable included with the applicator kit (006-6672USBC)

## Bluetooth Receiver Lights

Pre-2020 applicators equipped with Bluetooth receivers (030-6672B) are now equipped with lights to indicate both power and Hay App connection on the Apple iPad. Clean light regularly

*Blinking Lights* – System is waiting for the processor to connect, which could take up to 35 seconds.

*Red Light* – The Bluetooth receiver has power

*Green Light* – The Bluetooth receiver is connected to the Hay App.



**\*\*600 Series Applicators with serial number before DCP27000 will require the DCP to be sent to Harvest Tec for a required update in order to use the iPad Integration Module (030-6672C).**

Hay App version must be **at least 2.7.1 (or higher)** to operate with the iPad Integration Module

## \*Made for Apple iPad badge

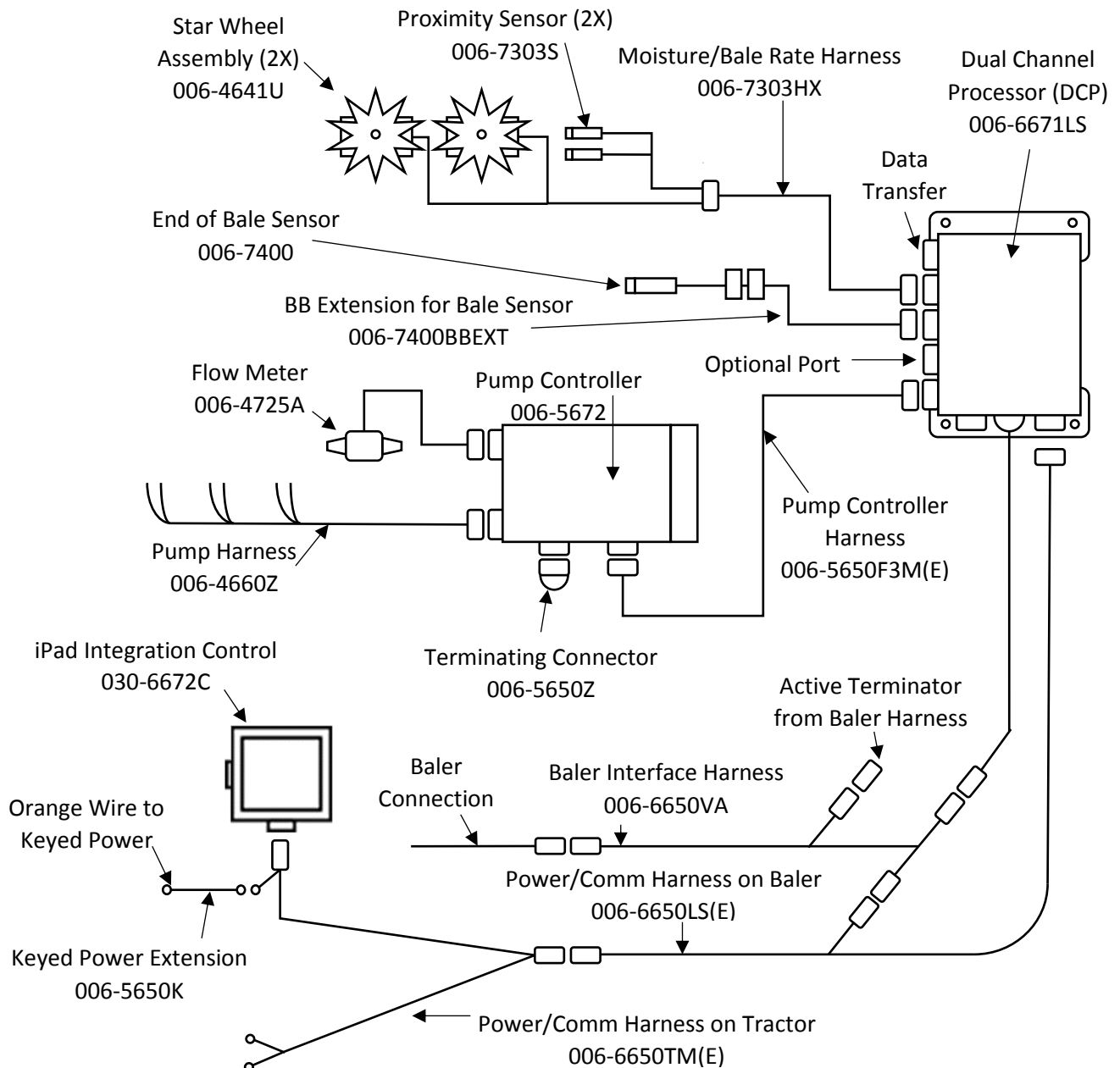
Use of the Made for Apple iPad badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with an Apple product may affect wireless performance.



## Wiring Diagram

- The Baler Power/Communication Harness (006-6650LS) will attach to the open port of the Tractor Harness (006-6650TM(E)) and run back to the Dual Channel Processor (006-6671LS). Connect the large plug of the Baler Power/Communication Harness (006-6650LS) to the bottom (shorter side) of the DCP.
  - Attach the Baler Interface Harness (006-6650VA) in between the short whip cable hardwired to the DCP and the main Power/Communication Harness (006-6650LS). Make sure Active Terminator removed from the top of the baler processor is attached to Baler Interface Harness (006-6650VA).
  - Install green terminator (006-5650Z) to the port labeled Modular Port on the Pump Controller (006-5672).
  - Attach moisture and bale rate harness (006-7303HX) as well as the end of bale harness (006-7400BBEXT) to the DCP (006-6671LS).
  - Attach the Pump Control Harness (006-5650F3M(E)) between the Pump Controller (006-5672) and the DCP (006-6671LS).
  - Connect Keyed Power Extension harness (006-5650K) to a keyed power source.
  - Connect the iPad Integration Control (030-6672C) to the Communication Harness (006-6650TM).
- Note: The Optional Port and the Data Transfer Port are not used in this application.



\*Note: (E) indication is used for International Dealers

## Pin Outs

### Power/Comm Harness 006-6650TM(E) at Hitch

Pin 1	Red	+12V Power to TSD
Pin 2	Red	+12V Power to DCP
Pin 3	Orange	Keyed Power
Pin 4	Gray	Shield
Pin 5	Green	HT Can Low
Pin 6	Yellow	HT Can Hi
Pin 7	Orange	Can1 Hi
Pin 8	Black	Ground from TSD
Pin 9	Black	Ground from DCP
Pin 10	Blue	Can1 Low



### Power/Comm Harness 006-6650LS(E) at Hitch

Pin 1	Red	+12V Power to TSD
Pin 2	Red	+12V Power to DCP
Pin 3	Orange	Keyed Power
Pin 4	Gray	Shield
Pin 5	Green	HT Can Low
Pin 6	Yellow	HT Can Hi
Pin 7	Orange	Can1 Hi
Pin 8	Black	Ground from TSD
Pin 9	Black	Ground from DCP
Pin 10	Blue	Can1 Low



### iPad Integration Control / BLE on Harness 006-6650TM(E)

Pin 1	Red	+12V Power from DCP
Pin 2	Black	Ground from TSD
Pin 3	Yellow	HT Can Low
Pin 4	Gray	Shield
Pin 5	Green	HT Can Hi
Pin 6	Orange	Can1 Hi
Pin 7	Blue	Can1 Low



### 006-6650VA to DCP Whip

Pin 1	Red	Can Power
Pin 2	Black	Can Ground
Pin 3	Yellow	HT Can Hi
Pin 4	Gray	Shield
Pin 5	Green	HT Can Low
Pin 6	Orange	Can1 Hi
Pin 7	Blue	Can1 Low



## Pin Outs (continued)

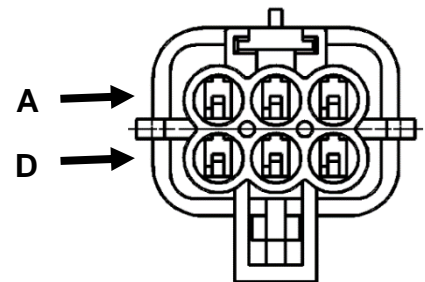
### 006-6650VA to 006-6650 LS(E)

Pin 1	Red	Can Power
Pin 2	Black	Can Ground
Pin 3	Yellow	HT Can Hi
Pin 4	Gray	Shield
Pin 5	Green	HT Can Low
Pin 6	N/A	
Pin 7	N/A	



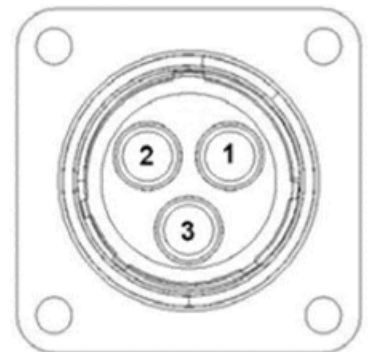
### 006-6650VA Harness to Baler Plug

Pin A	N/A	
Pin B	Red	TBC Power
Pin C	N/A	
Pin D	Gray	TBC Ground
Pin E	Orange	Can1 Hi
Pin F	Blue	Can1 Low



### Main Power Connector on DCP

Pin 1	Red	+12V Power from tractor0
Pin 2	Black	Ground from tractor
Pin 3	Orange	Keyed power



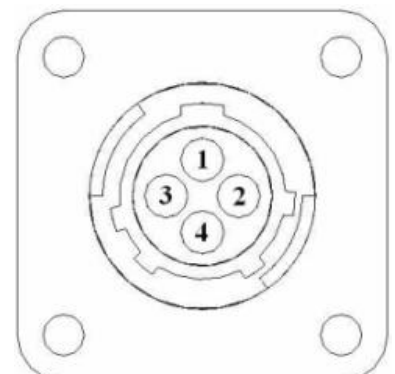
### Star Wheel and Bale Rate Sensor Connector on DCP

Pin 1	Blue	+12V Power
Pin 2	Orange	Ground
Pin 3	Black	Signal for sensor 1
Pin 4	White	Signal for sensor 2
Pin 5	N/A	
Pin 6	N/A	
Pin 7	N/A	
Pin 8	Violet	Star wheel input 1
Pin 9	Brown	Star wheel input 2



### End of Bale Sensor on DCP

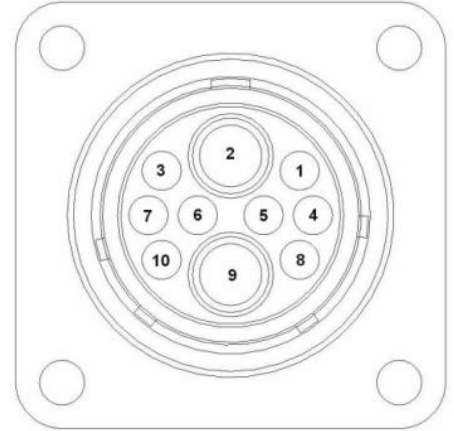
Pin 1	Brown	Sensor Power
Pin 2	Blue	Sensor Ground
Pin 3	N/A	
Pin 4	Black	Signal from Sensor



## Pin Outs (continued)

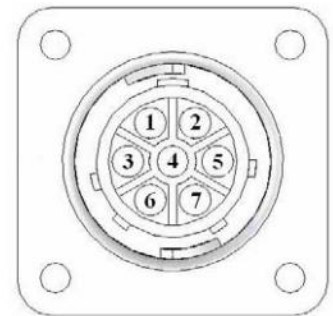
### Pump Communication Plug on DCP

Pin 1	Red	+12V Can
Pin 2	Red	+12V Power
Pin 3	Gray	Shield
Pin 4	Green	Comm Channel OH
Pin 5	Yellow	Comm Channel OL
Pin 6	Blue	Comm Channel IH
Pin 7	Orange	Comm Channel IL
Pin 8	Black	Can Ground
Pin 9	Black	Power Ground
Pin 10	N/A	



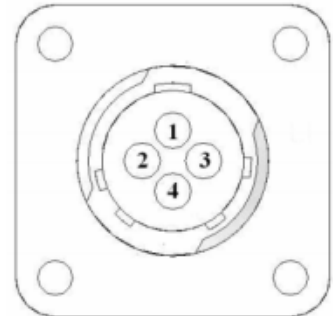
### Pump Connection Colors

Pin 1	Black with Orange Stripe	Pump 1 Ground
Pin 2	Black with Green Stripe	Pump 2 Ground
Pin 3	Black with Yellow Stripe	Pump3 Ground
Pin 4	N/A	
Pin 5	Orange with Black Stripe	Pump 1 Positive
Pin 6	Green with Black Stripe	Pump 2 Positive
Pin 7	Yellow with Black Stripe	Pump 3 Positive



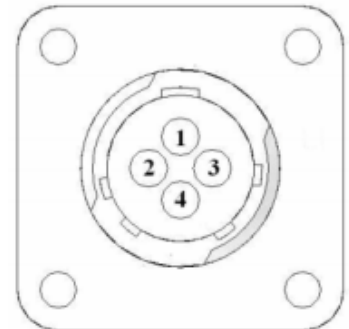
### Flow Meter Connection on Pump Controller

Pin 1	White	+5-12V Power
Pin 2	Green	Ground
Pin 3	Brown	Signal
Pin 4	Black	Shield



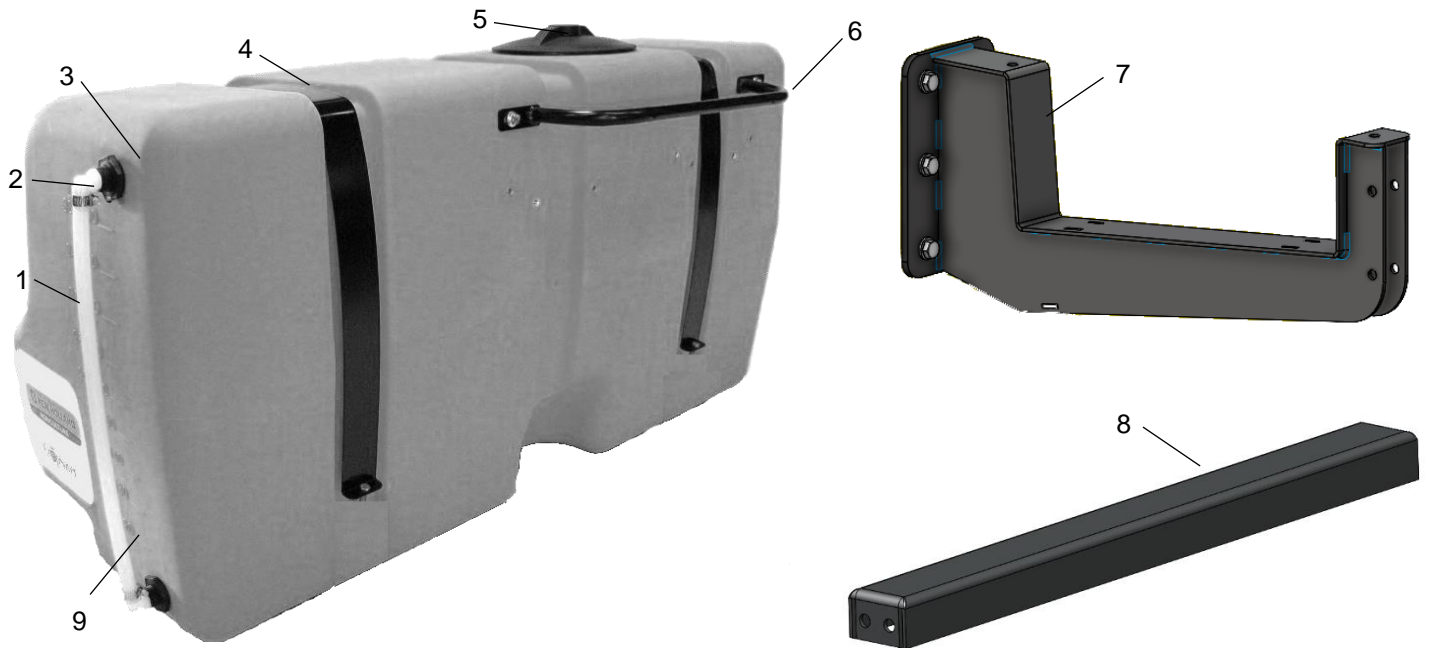
### Connector for Crop Eyes on DCP

Pin 1	Red	+12V Power
Pin 2	Black	Ground
Pin 3	White	Signal
Pin 4	N/A	



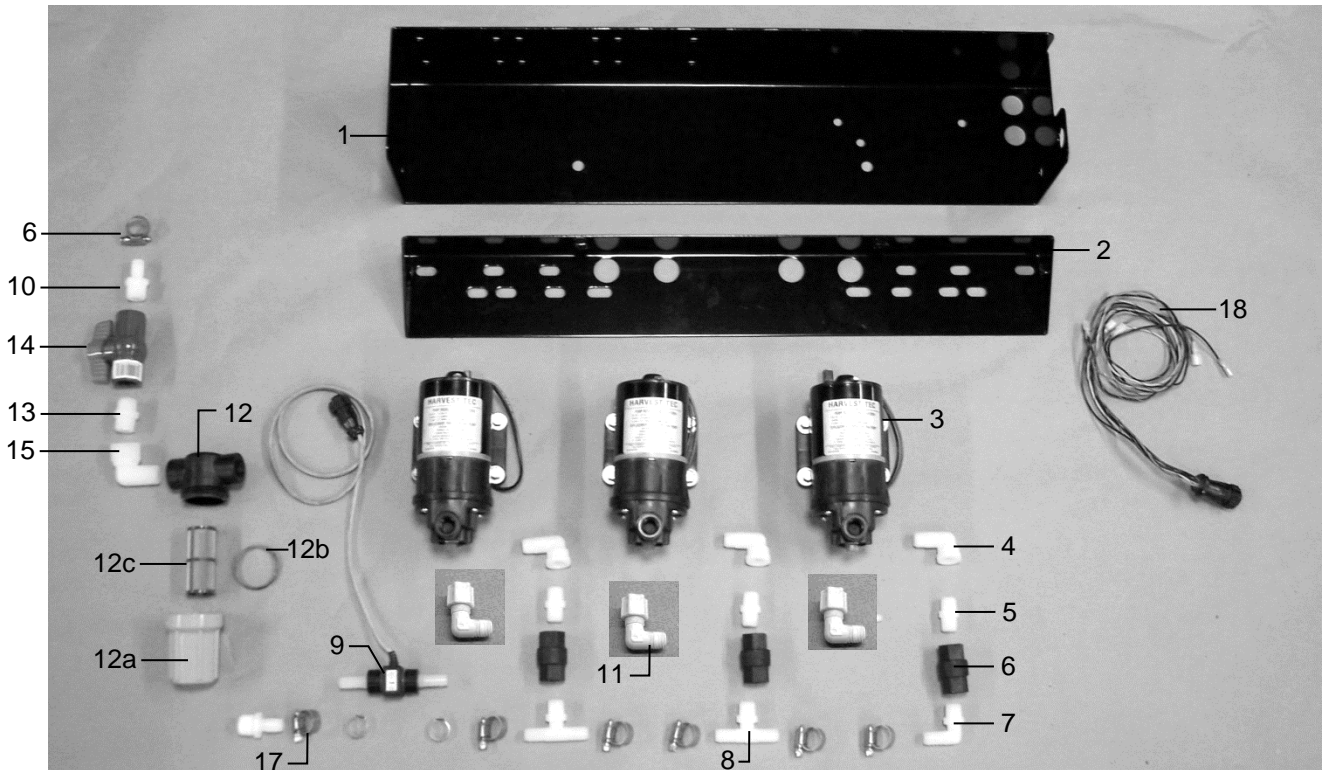
# Parts Breakdown

## Tank and Saddle Legs



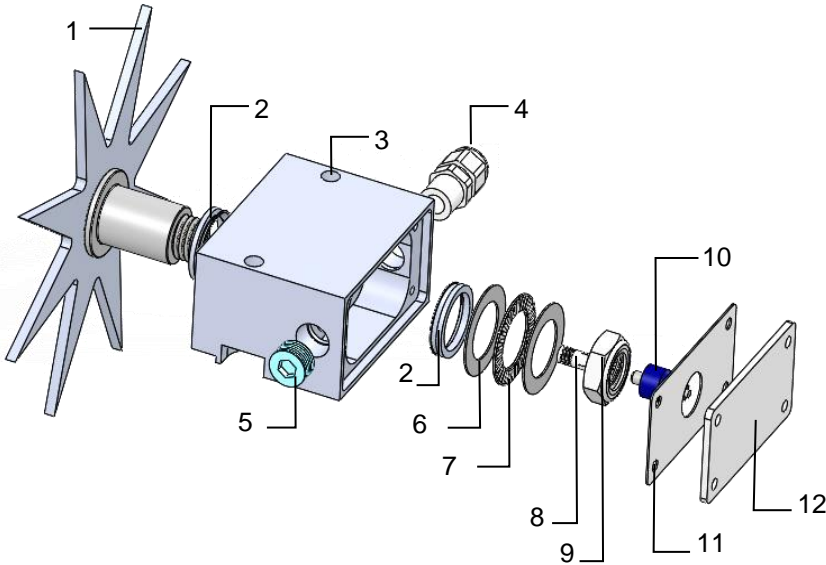
<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>	<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>
1	Tank	005-9218	1	7	Tank Leg Mount	001-6707MHD1	2
2	Elbow	003-EL1212	2	8	Cross Beam	001-6707MHD2	1
3	1/2" tank fitting	005-9104	2	9	1/2" hose	002-9001	2
4	Tank straps	001-6707P	2	NP	Elbow	003-EL3434	1
5	Tank lid	005-9022H	1	NP	Elbow	003-EL3412	1
6	Handrail	001-6707HR	1	NP	3/4" tank fitting	005-9100	2

# Pump Manifold



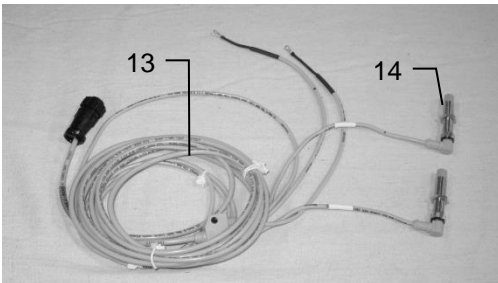
<u>Ref#</u>	<u>Description</u>	<u>Part#</u>	<u>Qty</u>
1	Pump plate	001-4646D	1
2	Mounting Bracket	001-4646C	1
3	Pump	007-4120H	3
4	Street elbow fitting	003-SE38	3
5	Nipple fitting	003-M3838	3
6	Check valve	002-4566F	3
7	Elbow fitting	003-EL3812	1
8	Tee fitting	003-T3812HB	2
9	Flow meter assembly	006-4725A	1
10	Straight fitting	003-A1212	2
11	Jaco fitting	003-JEL1238	3
12	Filter bowl assembly	002-4315-100	1
12a	Filter bowl only	002-4315F	1
12b	Filter bowl gasket	002-4315D	1
12c	Filter bowl screen	002-4315A	1
13	Nipple fitting	003-M1212	1
14	Ball valve	002-2212	1
15	Street elbow fitting	003-SE12	1
16	Hose clamp	003-9003	7
17	Hose clamp (Flow Meter)	003-9005	2
18	Pump Cable	006-4660Z	1
NP	Elbow	003-EL1212	1
NP	Pump rebuild kit (1 per pump)	007-4581	1
	Complete Pump Assembly	030-4646	

## 695BBHD Star Wheels



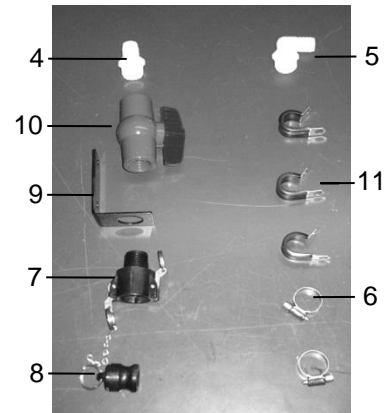
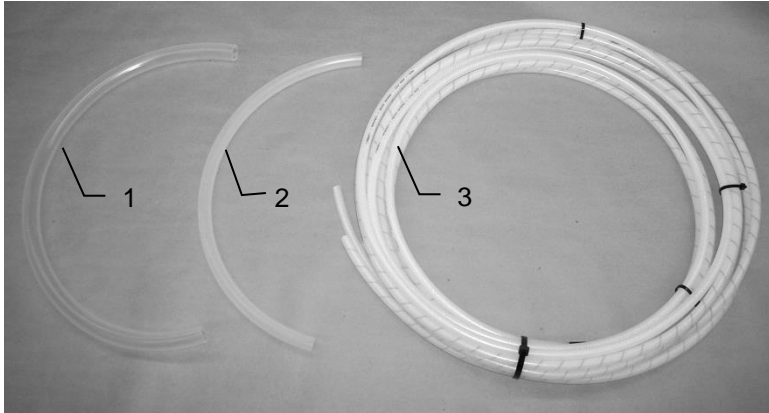
<u>Ref</u>	<u>Description</u>	<u>Part#</u>	<u>Qty</u>
1	Univ Star Wheel	006-4641S	1
2	Dust Seal	006-4641DSL	2
3	Univ Star Block	006-4641Q	1
4	3/8" NPT Cable Grip	008-0821A	1
5	3/8" NPT Plug	003-F38	1
6	Thrust Washer	006-4641TA	2
7	Thrust Bearing	006-4641TB	1
8	Swivel Insert	006-4642B	1
9	3/4" Short Nut	006-4641U	1
10	Rotary Swivel	006-4642A	1
11	Cover Gasket	006-4641RG	1
12	Univ Block Cover	006-4641R	1
NP	Prox Sensor Holder	006-4644SS	1
NP	SW Reinforcement	001-4644BBHD	1
Star Wheel Assembly (Ref 1-12)		030-4641U	

## Bale Rate Sensors



<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>
13	Moisture & Bale Rate Harness	006-7303 HL(E)	2
14	Bale Rate Sensor	006-7303S	1
NP	Moisture & Bale Rate Harness (600BBHD)	006-7303HX	1

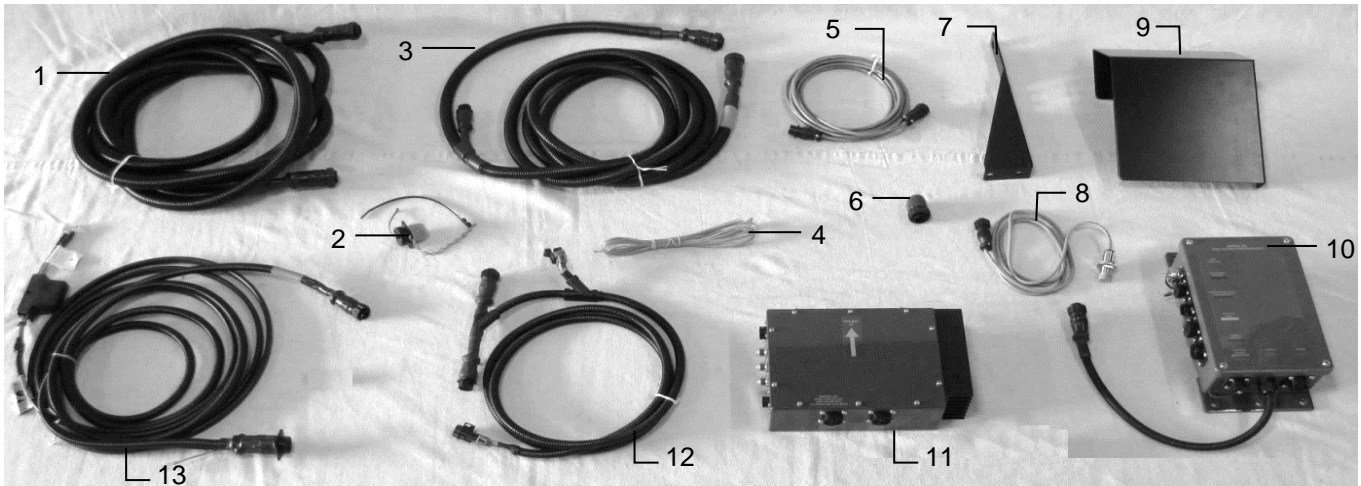
## Hose and Drain Fill Line



<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>	<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>
1	3/4" Hose (tank to drain/fill valve)	002-9002	10ft	7	Female Coupler	002-2204A	1
2	1/2" Hose (tank to filter)	002-9001	6ft	8	Male Coupler	002-2205G	1
3	Triple weld hose (pumps to tips)	002-9016	25ft	9	Valve Holder	001-6702H	1
		002-9016B	25ft				
		002-9016G	25ft				
	Three hose assembly	030-9016LS	1				
4	Straight Fitting	003-A3434	1	10	Ball valve	002-2200	1
5	Elbow	003-EL3434	1	11	Jiffy Clip	008-9010	3
6	Hose Clamps	003-9004	2				



## 695BBDHD Controls and Harnesses



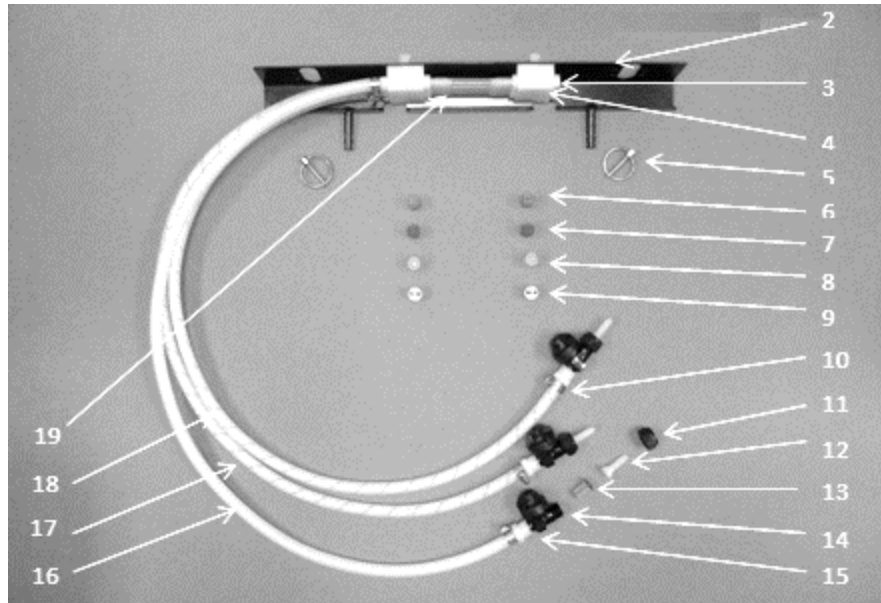
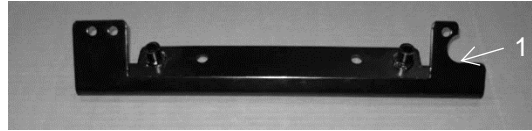
<b>Ref</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
1	Modular Power/Comm Harness 20'	006-5650F3M(E)	1
2	Dust Plugs	006-5651PLUGS	1
3	DCP Baler Harness 15'	006-6650LS	1
4	Key Switch Wire	006-5650K	1
5	EOB Extension for CNH BB Series	006-7400BBEXT	1
6	Terminating Connector 600 Series	006-5650Z	1
7	End of Bale Sensor Bracket	001-4648	1
8	End of Bale Sensor 600 Series	006-7400	1
9	DCP Shield/Cover	001-5650X	1
10	DCP Main Control LS 600 AUTO	006-6671LS	1
11	Pump Controller	006-5672	1
12	DCP Baler ISO/VT Harness	006-6650VA	1
13	DCP Tractor Harness	006-6650TM(E)	1
NP	USB Cable	006-6672USBC	

\*Note: (E) indication is used for International Dealers



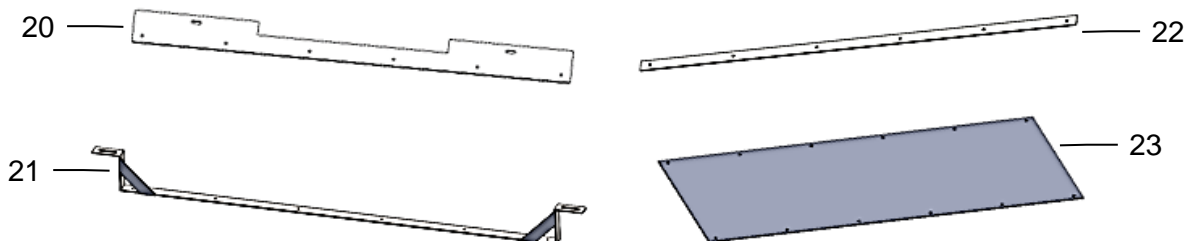
Part #: 030-6672C

## Harvest Tec Model 4636B Installation Kit (Includes 4536B & 6707WG4 Kits)



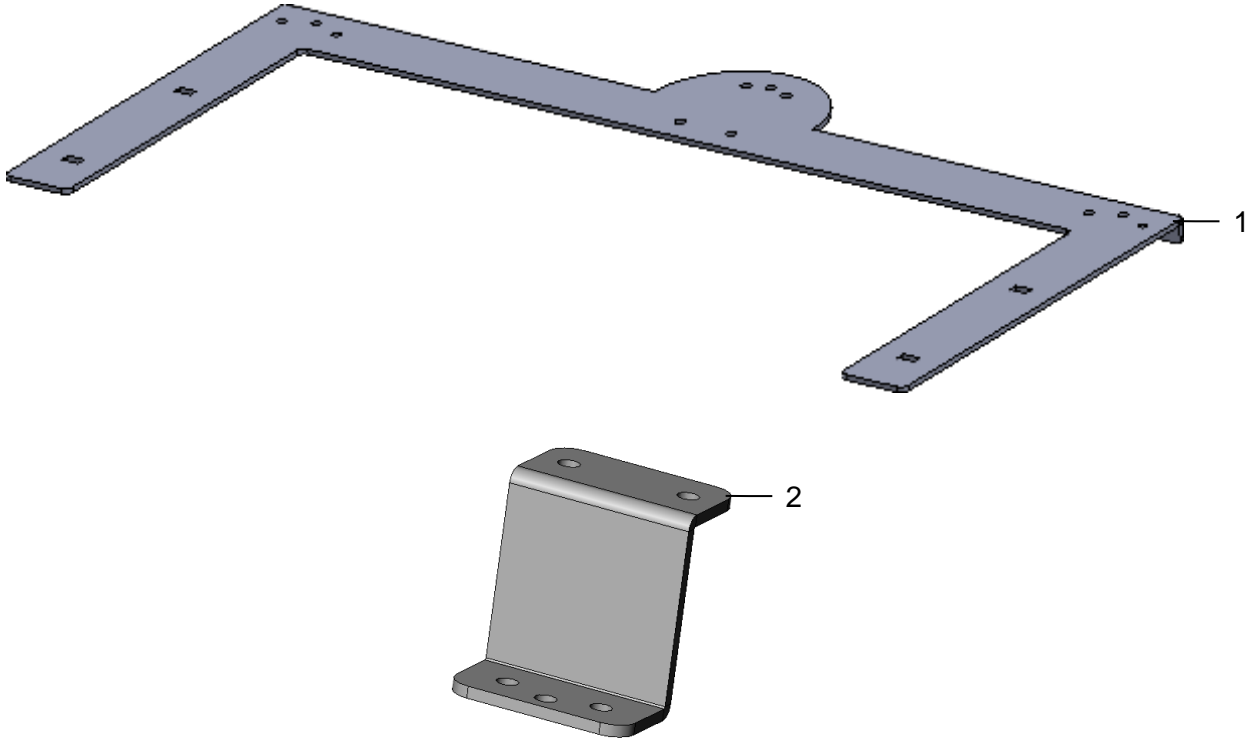
<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>	<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>
1	Holder	001-4435NC	1	11	Cap	004-4723	3
2	Shield	001-4435NSX	1	12	Fitting	003-A1414VB	3
3	Fitting	003-F14	3	13	Strainer	004-1203-100	3
4	Manifold Blk	001-4435NSB	2	14	Check Valve	004-1207VB	3
5	Lynch Pin	008-4576	2	15	Fitting	003-A1414F	3
6	Tip-Red	004-T8003-PT	2	16	Clear Tubing-1/4"	002-9016	3 ft
7	Tip-Brown	004-T80015-PT	2	17	Blue Stripe Tubing	002-9016B	3 ft
8	Tip-Pink	004-T8001-PT	2	18	Green Stripe Tubing	002-9016G	3 ft
9	Tip-Stainless	004-T800067-SS	2	19	EVA-1/4"	002-9006	3 ft
10	Hose Clamp	003-9002	15		Shield Assembly (Ref 1-19)	030-4636B	

### Wind Guard Assembly (4ft Baler)



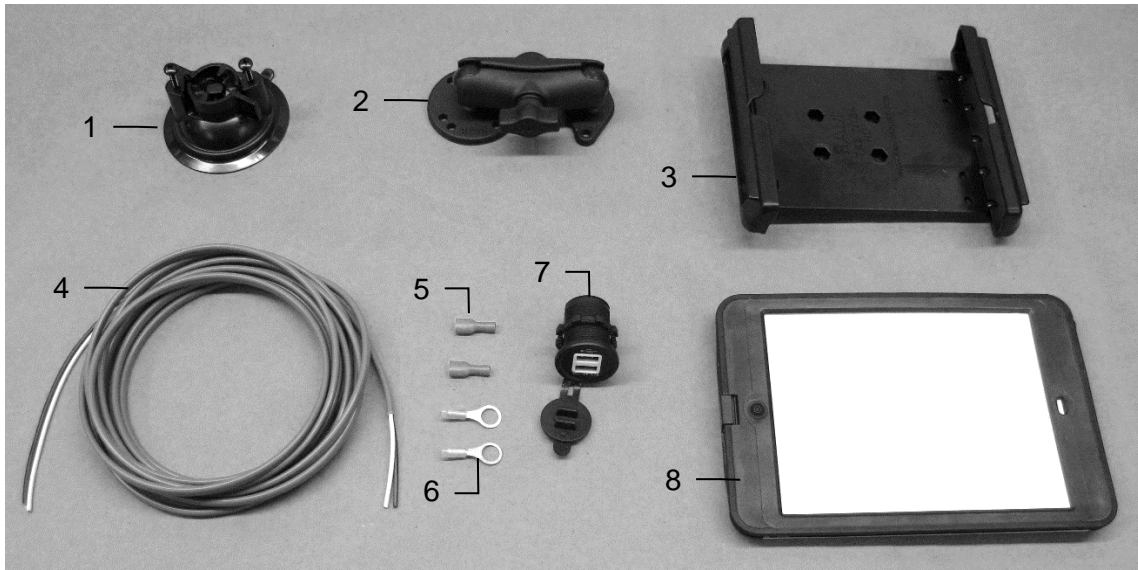
<u>Ref</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>	<u>Ref</u>	<u>Description</u>	<u>Part Number</u>
20	Wind Guard Top Bkt	001-6707MA	1		Wind Guard Kit (Ref 20-23)	030-6707WG4
21	Wind Guard Bottom Bkt	001-6707MC	1			
22	4' Wind Guard Flap	001-6707GM4	1			
23	Backing Plate	001-6707B	2			
					<b>Complete 4636B Assembly (Ref 1-23)</b>	<b>030-4636B</b>

## Rear Light / Camera Brackets



<u>Ref</u>	<u>Description</u>	<u>Part #</u>	<u>Qty</u>
1	Rear Mounting Handrail	001-6707PM	1
2	Camera Mount Bracket	001-6707PMZ	1
NP	Light Extension Harness	006-7303LTX	1

## Optional iPad Mini Mounting Kit (030-2014MK)



<u>Ref</u>	<u>Description</u>	<u>Part #</u>	<u>Qty</u>
1	Suction cup mount	001-2012SCM	1
2	Ram mount	001-2012H	1
3	iPad Mini® spring load cradle (Mini 4)	001-2012SLC	1
4	16 gauge power wire	006-4723P	1
5	Female spade connector	Hardware	2
6	Eye loop connector	Hardware	2
7	iPad Mini Charger 12V	001-2012P	1
8	iPad Mini 4 case	001-2012C4	1
NP	4 amp fuse	Hardware	1

Mounting Kit Assembly

030-2014MK  
(Includes All Parts)

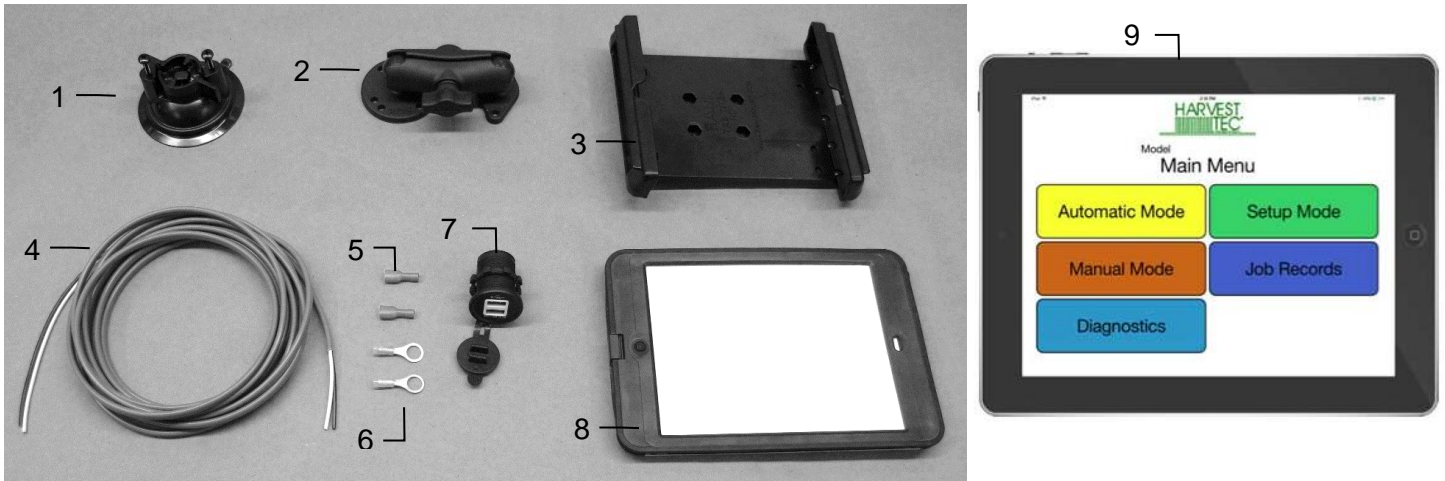
### Installation Instructions

1. Identify 12V power source for wires to connect.
  - a. Eye loops included if wiring directly to the battery is desired.
  - b. Test for key power source if preferred to have power to the USB shut off with the key.
2. Once power source is identified, cut wires to desired length.
3. Crimp the two supplied quick connectors onto each the white and black wire.
4. Remove the round locking plastic nut from USB plug before connecting the wires. Black (+) White (-).
5. The wires will then be hooked to the designated terminals on the bottom of the USB plug
6. Drill a 1 1/8" hole in the preferred mounting location. Be sure to clean any sharp edges after drilling.
7. Feed the wires through the mounting hole.
8. If using the round plastic nut to secure plug in place, slide the nut back over the wiring before connecting the wires to powered source.
9. Connect the wires to the identified power source if easier to do so before tightening the plug into place.
10. Tighten plug using either the round plastic nut or mounting plate and two screws, both options supplied.
11. Once connected, hook a USB charging cord into the plug and connect a mobile device/tablet to ensure the plug is operating as you wish (key power working properly if necessary).

NOTE: This plug is not designed to charge two iPads. System damage could occur if this is attempted. System will charge a mobile phone and iPad simultaneously without problem.

\*iPad mini is a trademark of Apple Inc., registered in the U.S. and other countries.

## Optional iPad Display Kit (030-4670DK)



<u>Ref</u>	<u>Description</u>	<u>Part #</u>	<u>Qty</u>	<u>Ref</u>	<u>Description</u>	<u>Part #</u>	<u>Qty</u>
1	Suction cup mount	001-2012SCM	1	7	iPad Mini Charger 12V	001-2012P	1
2	Ram mount	001-2012H	1	8	iPad Mini 4 case	001-2012C4	1
3	iPad Mini® spring load cradle (Mini 4)	001-2012SLC	1	9	iPad Mini 4	006-4670IP	1
4	16 gauge power wire	006-4723P	1	NP	4 amp fuse	Hardware	1
5	Female spade connector	Hardware	2				
6	Eye loop connector	Hardware	2				
					Mounting Kit Assembly	030-4670DK (Includes All Parts)	

### Installation Instructions

1. Identify 12V power source for wires to connect.
  - a. Eye loops included if wiring directly to the battery is desired.
  - b. Test for key power source if preferred to have power to the USB shut off with the key.
2. Once power source is identified, cut wires to desired length.
3. Crimp the two supplied quick connectors onto the white and black wire.
4. Remove the round locking plastic nut from USB plug before connecting the wires. Black (+) White (-).
5. The wires will then be hooked to the designated terminals on the bottom of the USB plug
6. Drill a 1 1/8" hole in the preferred mounting location. Be sure to clean any sharp edges after drilling.
7. Feed the wires through the mounting hole.
8. If using the round plastic nut to secure plug in place, slide the nut back over the wiring before connecting the wires to powered source.
9. Connect the wires to the identified power source if easier to do so before tightening the plug into place.
10. Tighten plug using either the round plastic nut or mounting plate and two screws, both options supplied.
11. Once connected, hook a USB charging cord into the plug and connect a mobile device/tablet to ensure the plug is operating as you wish (key power working properly if necessary).

**NOTE: This plug is not designed to charge two iPads. System damage could occur if this is attempted. System will charge a mobile phone and iPad simultaneously without problem.**

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# Notes

## **Harvest Tec Inc. Warranty and Liability Agreement**

Harvest Tec, Inc. will repair or replace components that are found to be defective within 12 months from the date of manufacture. Under no circumstances does this warranty cover any components which in the opinion of Harvest Tec, Inc. have been subjected to negligent use, misuse, alteration, accident, or if repairs have been made with parts other than those manufactured and obtainable from Harvest Tec, Inc.

Our obligation under this warranty is limited to repairing or replacing free of charge to the original purchaser any part that in our judgment shows evidence of defective or improper workmanship, provided the part is returned to Harvest Tec, Inc. within 30 days of the failure. If it is determined that a non-Harvest Tec branded hay preservative has been used inside the Harvest Tec applicator system where the failure occurred, then Harvest Tec reserves the right to deny the warranty request at their discretion. Parts must be returned through the selling dealer and distributor, transportation charges prepaid.

This warranty shall not be interpreted to render Harvest Tec, Inc. liable for injury or damages of any kind, direct, consequential, or contingent, to persons or property. Furthermore, this warranty does not extend to loss of crop, losses caused by delays or any expense prospective profits or for any other reason. Harvest Tec, Inc. shall not be liable for any recovery greater in amount than the cost or repair of defects in workmanship.

There are no warranties, either expressed or implied, of merchantability or fitness for particular purpose intended or fitness for any other reason.

This warranty cannot guarantee that existing conditions beyond the control of Harvest Tec, Inc. will not affect our ability to obtain materials or manufacture necessary replacement parts.

Harvest Tec, Inc. reserves the right to make design changes, improve design, or change specifications, at any time without any contingent obligation to purchasers of machines and parts previously sold.

Revised 4/17

**HARVEST TEC, INC.**  
**P.O. BOX 63**  
**2821 HARVEY STREET**  
**HUDSON, WI 54016**  
PHONE: 715-386-9100  
1-800-635-7468  
FAX: 715-381-1792  
Email: [info@harvesttec.com](mailto:info@harvesttec.com)