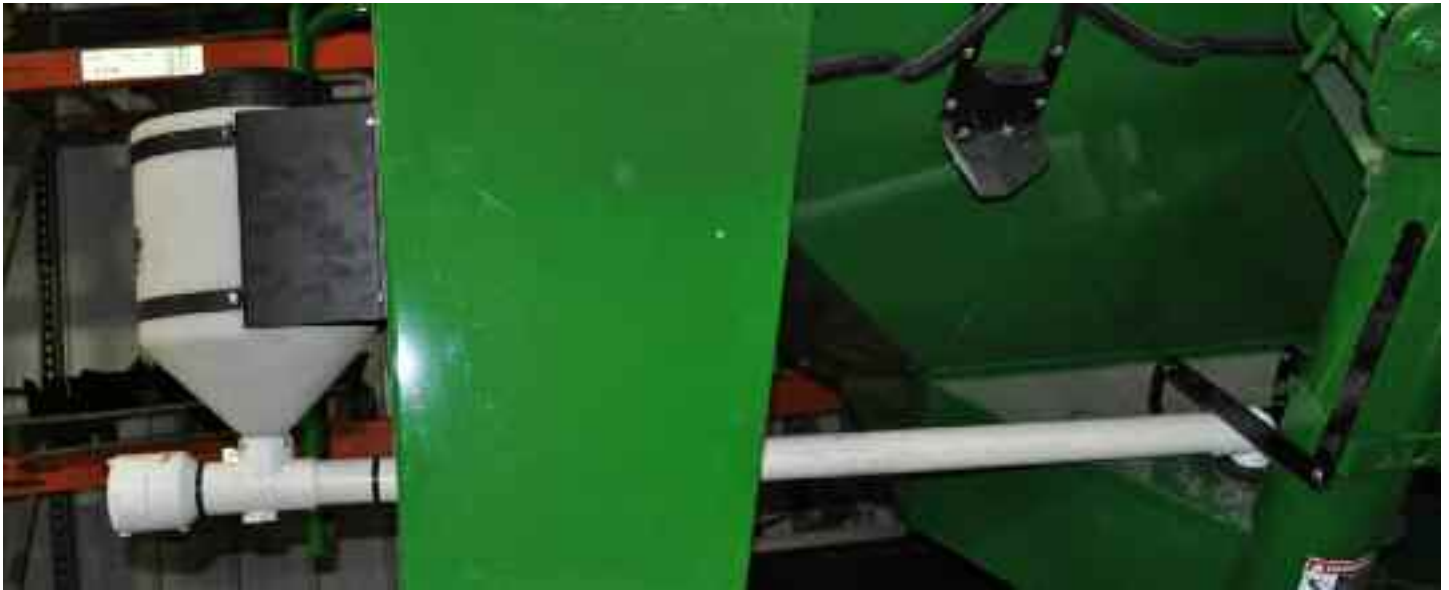




# Dry Innoculator

## Installation Instructions



**1 - 8 0 0 - 2 6 4 - 6 5 8 7**



**Making the hole for the inoculator tube in the sub-hopper:**

Directly below the close-out stop gates, drill a pilot hole. Then, using a 2 3/4" hole saw, drill through the metal in the sub-hopper where the inoculant will be augered in to the unit, mixing with seed.



Once a 2 3/4" hole has been cut into the sub-hopper, place the 2 3/4" inch rubber grommet into the hole. Around the grommet, push the metal of the seed tender into the groove around the outside of the grommet to make enough room for the PVC pipe to be inserted in.  
(a little lubricant might help with that stage)



**Attaching the inoculation tank to the tender leg:**

Measure 7 ½ “ below the leg weld of the seed tender and place the second holding bracket on the inside of the seed tender leg. Using the holes already provided in the holding bracket, mark on the inside of the leg and drill holes.



Next, use the top holes on the right hand bracket as a guide to mark where your holes will be drilled for the bolts that hold the inoculator to the seed tender.

Drill four holes for 5/16" bolts. Using 5/16" bolts, attach the dry inoculation tank to the seed tender leg.



### Connecting the inoculation tank and auger motor to auger and tender:

In order to connect the auger flighting and tube to the tender and inoculation tank and motor, you must first make sure the flighting and auger tube are the correct length. It is **VERY IMPORTANT** that you don't take too much off of (shorten) the auger tube and flighting. It is better to take off too little than it is to take off too much, because it is impossible to put it back on.



### Cutting the auger tube to the correct length

Next, center the auger tube elbow over the grommet on the sub-hopper, directly below the close-out door. Measure the PVC pipe to fit the exact distance needed to line it up with the auger control under the inoculation tank.

### Modifying the flighting from a 10/60 to a 5/30 (If necessary)

First take the 5' flighting and remove 2" of flighting (Be sure to leave a 1/8" lip on the flighting) at the end that connects to the inoculator motor.





Next, insert the auger flighting into the PVC tube and mark the flighting slightly past the length of the tube.



Remove the roll pin from the auger flighting. Drill a 3/16" hole into the flighting just below the **mark** and place the roll pin in that hole to make sure it fits.



Cut the flighting at the mark.

After cutting the pipe to fit, cut a separate piece of PVC pipe that is 3" long that will be placed inside the elbow piece that attaches inside of the grommet. Use PVC adhesive to glue the 3" section inside PVC elbow.



**Mounting the auger to the inoculator** Attach the auger to the motor using a set screw.



Attach PVC pipe and elbow into grommet.



Attach the motor end of the auger to the inoculation tank with screws provided.



**Zip tie wires to the inoculator**



**Drill a hole in the bracket and measure wire to be able to reach the hole.  
Mark the wire as a guide.**





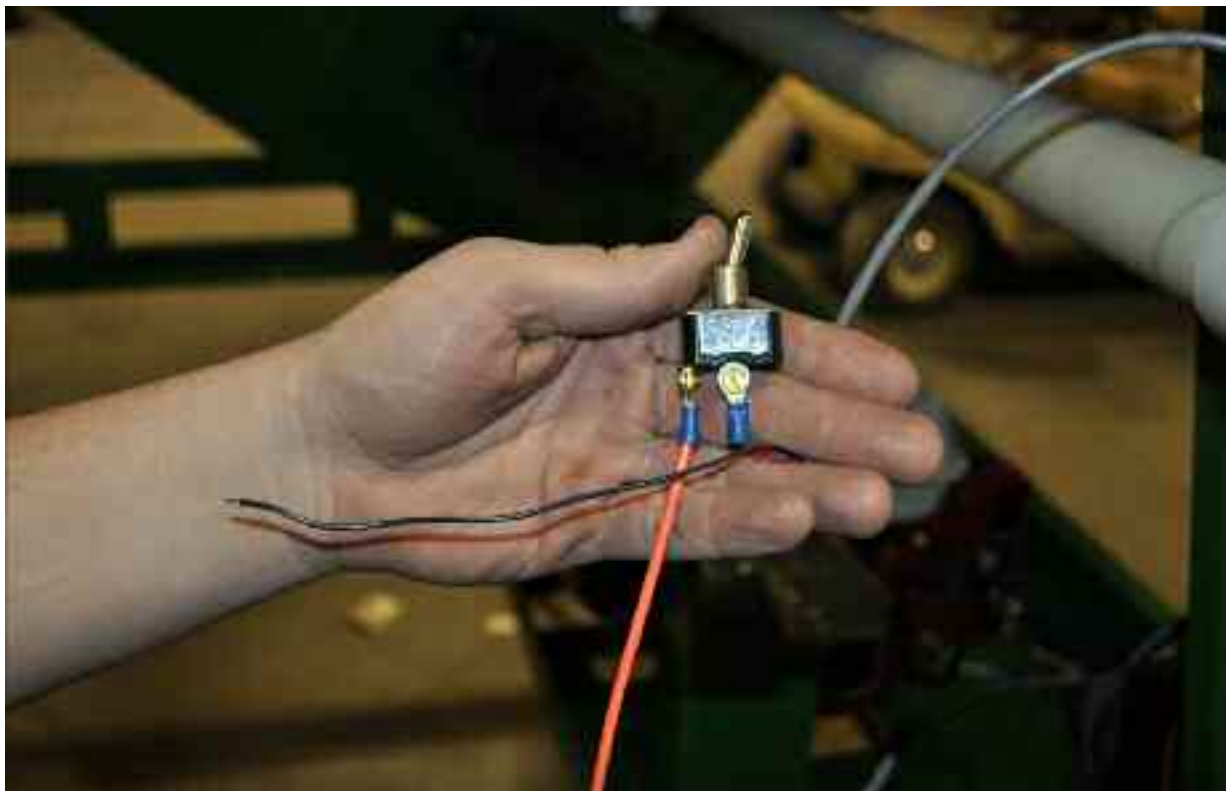
Cut wire cover.



Remove wire cover.



**Crimp eyelets onto the red wire and fuse, then tighten onto the switch (below).**





**Place switch through the hole you have drilled, then put the on/off plate on.  
Then, tighten the switch on the rubber boot.**



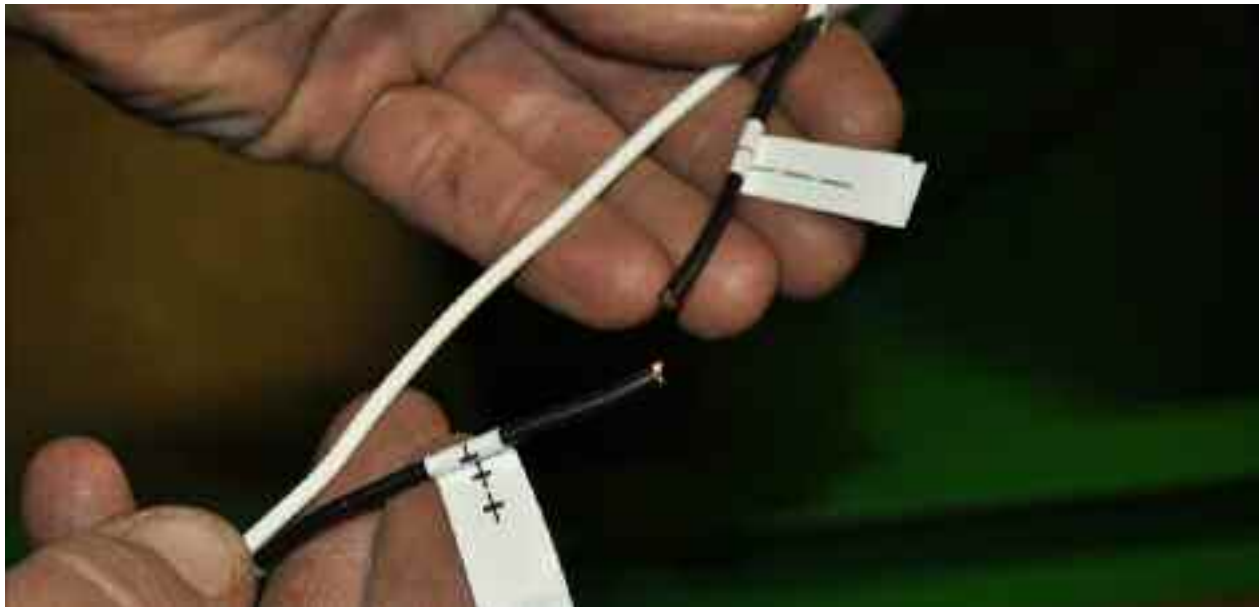
**(Above) Wire the fuse to the two strand white cable and the black wire to the black wire that is in the two strand.**



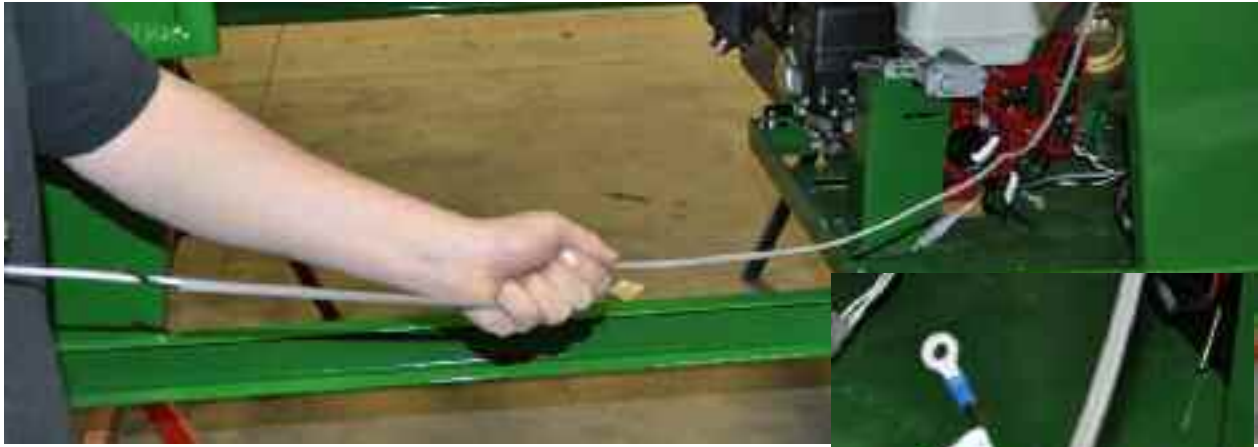
**Place wire down the leg and measure to the battery.**



**Cut cover to your measurements and also 6" below your mark and remove cover. Then, cut the black wire in the middle.**



**The wire coming from the inoculator is the ground wire. The other end is the positive wire. These will eventually hook up to the battery.**



**Crimp eyelets to those two wires then pull the cover tight, as shown above and to the right.**



**Crimp two more eyelets to the end of the two strand and screw into the bottom and middle terminals, as shown above.**



**Next, screw the paddle switch to the mount, making sure the paddle switch hits the throttle rod immediately.**



**Next, tighten the mount to the motor mount.**



To finish, hook the positive and negative up to the battery.

**Test the auger controls to make sure the auger is working and ready for use.**

**For help trouble shooting, call Patriot Equipment at  
1-800-264-6587**