

Dohrmann Enterprises, Inc.

Installation, wiring and operation instructions for:

Part #190000 (Use in place of JD Part #AZ100126)

“Header Switch” wiring adapter for John Deere Self-Propelled Forage Harvesters (SPFH); 7000, 8000 & 9000 Series Machines

Locate the “Header Switch” port on your machine:

The plug that you are looking for has a hinged cover and when open looks like the following photo:

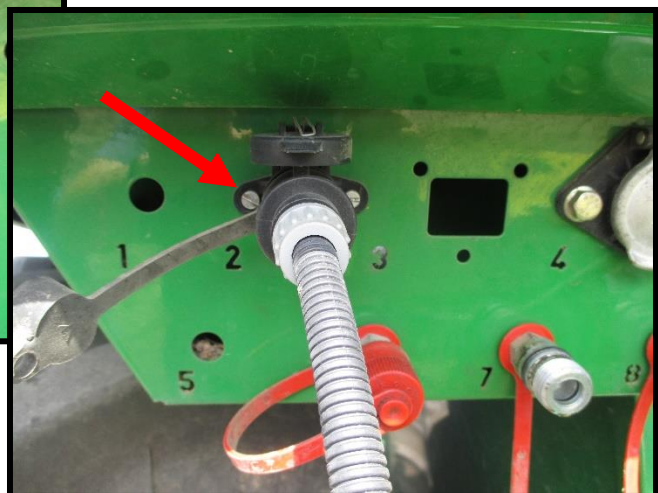
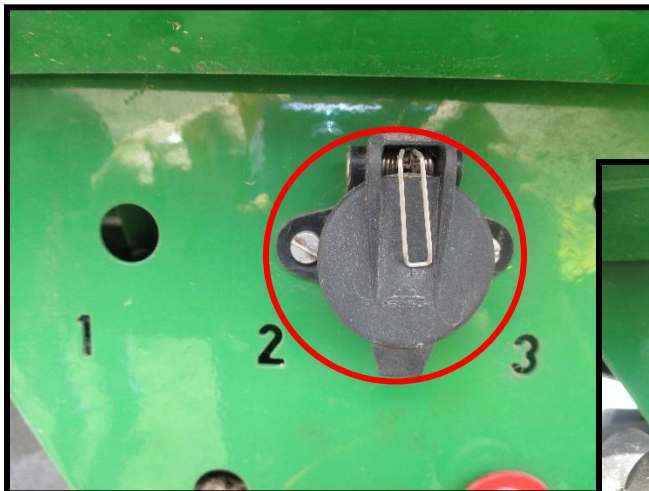


You will find the Header Switch Outlet in the following locations on your machine:

- **DO NOT** plug #190000 harness into the port until wiring has been completed

7000 Series:

The outlet will be found in the front fender on the right side of the machine.



8000 & 9000 Series:

The outlet will be found in the service bay, behind the cab, to the right.



Wiring

Prior to wiring, slide the included heat shrink onto the wire harness (as showing below). When wiring is complete heat shrink the connections.

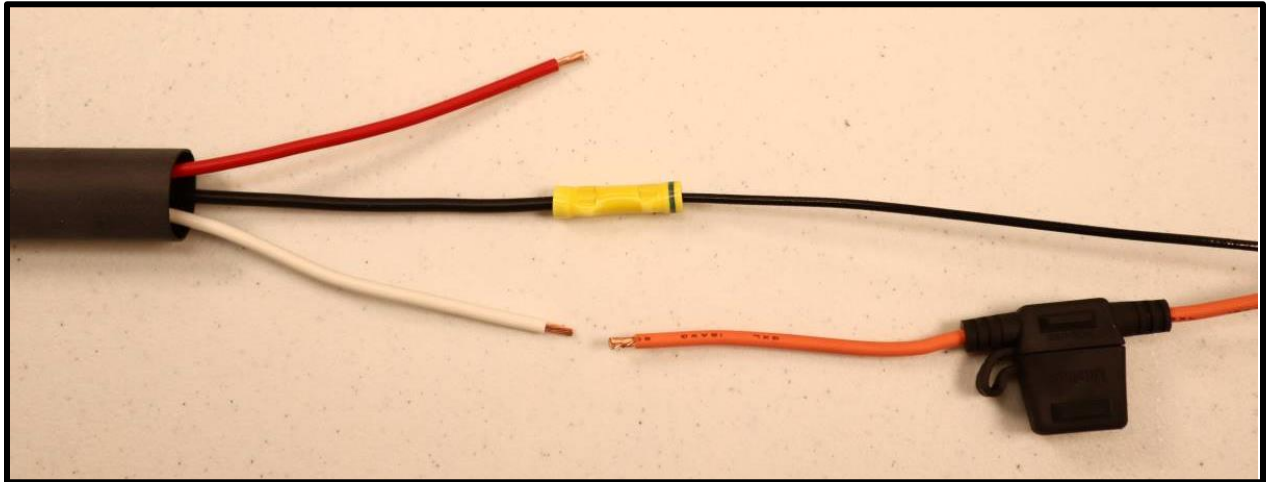


Before crimping any terminals, be sure that no wires were pushed back while inserting into the terminal. The strands could short out against another terminal/wire if they are not fully seated into the terminal.

All photos are for wiring a 2 wire system, color coding matches to *Dohrmann Enterprises, Inc. Applicators*.

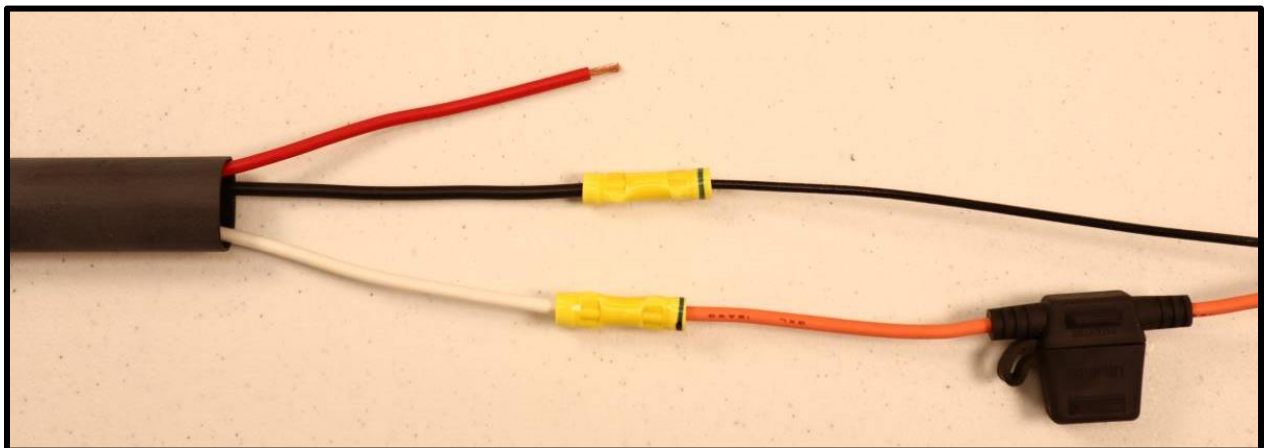
Black Wire: Ground

- Connect the ground wire from your applicator to this wire.
 - On an applicator from Dohrmann Enterprises this will be your black wire
 - Connect using the yellow butt connector – the side with the blue stripe will be for the applicator wiring.
- Crimp the butt connector on each side. Be sure to make a solid connection.



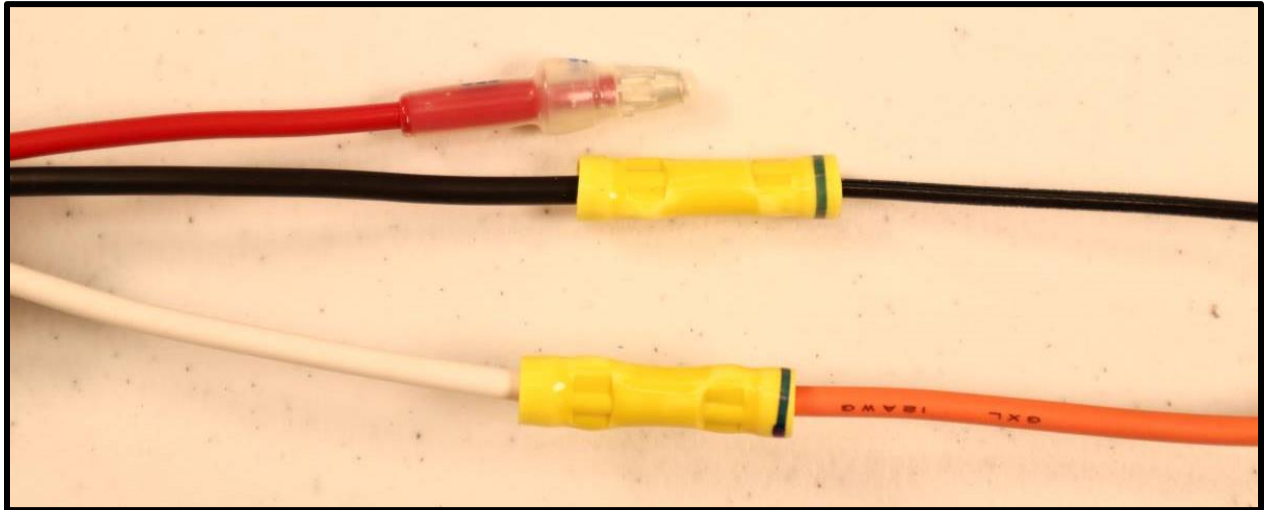
White Wire: **12 VDC +** Header Switch controller

- Connect the power wire from your applicator that you wish to have turned on/off with the Header Switch settings
 - On a 2 wire applicator from Dohrmann Enterprises, this will be the red wire with the orange fuse lead installed.
 - Connect using the yellow butt connector – the side with the blue stripe will be for the applicator wiring.
- Crimp the butt connector on each side. Be sure to make a solid connection.



Red Wire: 12 VDC + Constant Power

- Connect the power wire from your applicator that needs constant power
 - On a 2 wire installation, this wire will not be used and must be capped because it is “HOT” all of the time. Wrap with electrical tape or use the crimp cap included
 - If using the included crimp cap, be sure to heat shrink the terminal
 - If connecting to a line, use the blue butt connector



Before completing the wiring, plug into and test the system. In the event something is wired incorrectly, you can correct it before applying the heat shrink.

Now that wiring is complete, slide the heat shrink tubing over the connections and use a heat gun on low or a hair dryer to shrink and seal the connections.



Operation 7000 Series Machines

- Locate the sprayer tank button on the armrest console in your machine (shown in the photos below)
- Press this button once to activate the “Header Switch” function
 - This must be done at each engine start up, or your applicator will not operate.
 - The switch on your applicator console must be switched to on
 - Your applicator will no turn on/off based on the parameters in your machine
 - Refer to your harvesters Owner’s Manual or contact your John Deere Dealer if you are unsure of these parameters (they may vary from machine to machine)
- If you wish to run your applicator without the chopper running, you can bypass the “Header Switch” function
 - Place your harvester’s key into accessory position or run
 - Double Tap the sprayer tank button
 - Your applicator will now have power through the port – this does time out



Operation 8000 & 9000 Series Machines

- Locate the sprayer tank button on the armrest console in your machine (shown in the photos below)
- Press this button once to activate the “Header Switch” function
 - This must be done at each engine start up, or your applicator will not operate.
 - The switch on your applicator console must be switched to on
 - Your applicator will no turn on/off based on the parameters in your machine
 - Refer to your harvesters Owner’s Manual or contact your John Deere Dealer if you are unsure of these parameters (they may vary from machine to machine)
- If you wish to run your applicator without the chopper running, you can bypass the “Header Switch” function
 - Place your harvester’s key into accessory position or run
 - Double Tap the sprayer tank button
 - Your applicator will now have power through the port – this does time out

