

# INSTALLATION INSTRUCTIONS - 118669-208 Rev. A

## Install the PinPoint™ Synchro™ Cable with PWM Ground Resistor

### Models: Miller/New Holland Sprayers

#### BEFORE INSTALLATION

**IMPORTANT:** For safety information, refer to the system and machine manuals.

#### PARTS LIST

| Synchro Conversion Kit - 118669-250 |   |     |
|-------------------------------------|---|-----|
| Part Number                         | Description                                     | Qty |
| 118669-205                          | Synchro Conversion Harness - Miller/New Holland | 1   |
| 118669-207                          | PWM Ground Resistor Harness                     | 1   |
| 118669-203                          | Trailer Plug Adapter Plug                       | 1   |
| 118669-204                          | Trailer Plug Adapter                            | 1   |
| 118682-001                          | Servo By-Pass Harness                           | 1   |
| 118682-002                          | Remote Fill Station Harness                     | 1   |
| 706500-161                          | Auto-Fill Switch Decal                          | 1   |
| 118682-003                          | By-Pass Jumper Plug                             | 1   |

#### INSTALL

##### FIGURE 1:

1. Locate the PWM cartridge (1) or pump servo just in front of the frame rail between the two rear wheels on and remove the wire.

PWM cartridge will have a 2-pin Deutsch connector.

The pump servo will have a molded 2-pin connector use provided adapters to convert the molded 2-pin connections to the Deutsch connector.

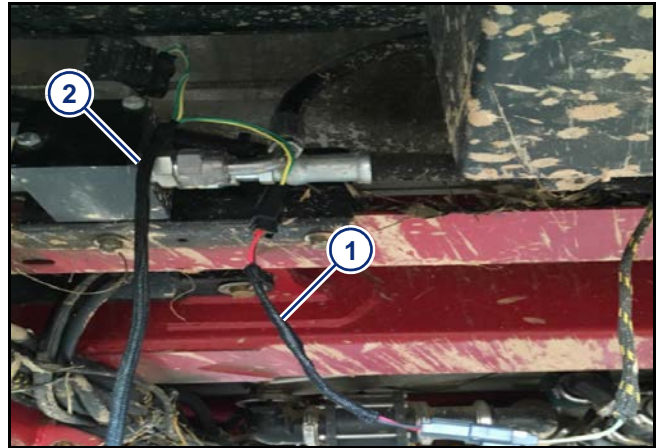


FIGURE 1

**FIGURE 2:**

**IMPORTANT:** This step is only necessary for the PWM cartridge pump control. If a pump servo is installed go to Step 3.

2. Install the 2-wire resistor adapter (1) supplied in the kit onto the wire removed from PWM cartridge in Step 1.
3. Install the Synchro™ adapter cable (2) onto the 2-wire resistor adapter (if applicable) and into the PWM cartridge.
4. Route and secure the cable along the frame to the front of the sprayer to the existing PinPoint™ wiring going to the Gateway hub. Avoid pinch points.
5. Install the switch and decal.
6. Route the wire for the bypass switch as shown on the remote fill station control panel (or other suitable location).



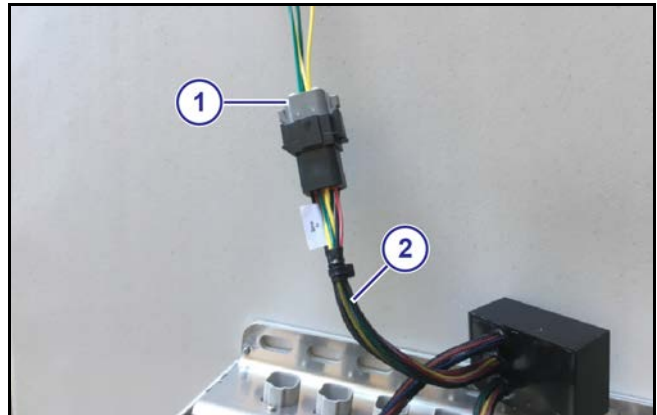
**FIGURE 2**

**FIGURE 3:**

7. Route and secure the cables along the frame towards the back of the sprayer and meeting up with existing PinPoint™ wiring going to the Gateway Hub.

**IMPORTANT:** Make sure to keep the harnesses away from pinch points.

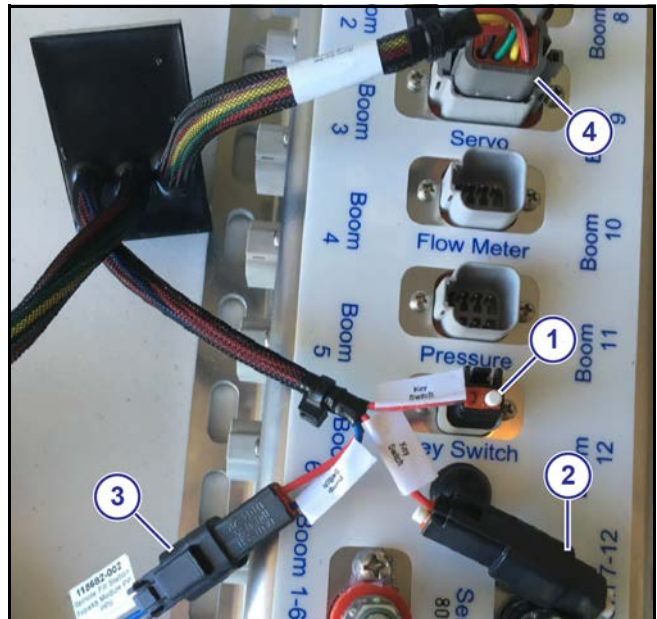
8. Plug in the 8-pin connection (1) into the Servo bypass module (2).



**FIGURE 3**

**FIGURE 4:**

9. Remove the dust plug (1) and install the key switched power on the servo bypass module.
10. Install the dust plug on the key switched power connector (2).
11. Install the pump switch connection (3) from the fill station.
12. Install the servo Gateway connector (4).



**FIGURE 4**