

# PinPoint™ II

Synchro Conversion Harness  
with PWM Ground Resistor Kit

For 2017 and 2018 Apache Sprayers



## Installation Instructions

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# Chapter 1: Installation Instructions

## Parts List—Kit 118669-251

This is the parts list for the Synchro™ with PWM ground resistor conversion kit for 2017 and 2018 Apache Sprayers.

Part Number	Description	Qty
118669-202	Synchro™ Conversion Harness, 6 ft	1
118669-207	PWM Ground Resistor Harness	1
118669-203	Trailer Plug Adapter Plug	1
118669-204	Trailer Plug Receptacle Adapter	1
118682-001	Servo By-pass Harness	1
118682-002	Remote Fill Station Harness	1
706500-161	Auto-fill Switch Decal	1
118685-003	By-pass Jumper Plug	1

## Kit Installation—118669-251

For safety information see the system and machine manuals.



Fig. 1:

1. Locate the PWM cartridge extension wire or bypass servo on the left side of the center boom frame.

PWM cartridges and newer servo valves will have a 2-pin Deutsch connector (1), as shown.

Older servo valves will have molded 2-pin connector use provided adapters 118669-204 and 118669-203 to convert the molded 2-pin connections to a Deutsch connector.

2. Only necessary for PWM Cartridge pump control. If a Bypass servo is installed move to Step 3.

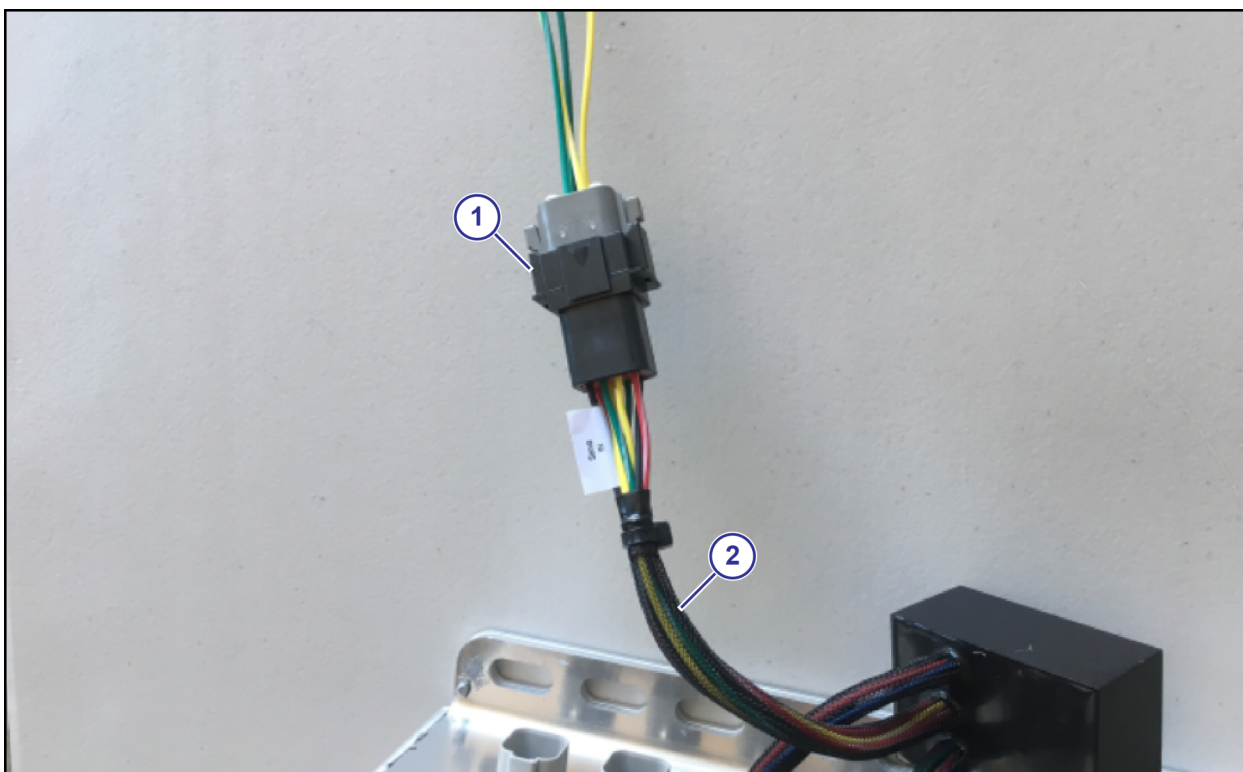
Install the 2-wire resistor adapter (2) provided in the kit onto the wire removed from PWM cartridge in Step 1.

3. Install the Synchro adapter cable (3) onto the 2-wire resistor adapter (if applicable) and into the valve or extension wire going to the PWM cartridge.



Fig. 2:

4. Install the switch and decal.
5. Route wire for the bypass switch as shown on the remote fill station control panel (or other suitable location).



**Fig. 3:**

6. Route the cable along the boom frame towards the right side of the sprayer to the existing PinPoint™ wiring going to the Gateway hub. Secure the harnesses and keep away from pinch points.
7. Plug in the 8-pin connection (1) into the Servo port (2) as shown.

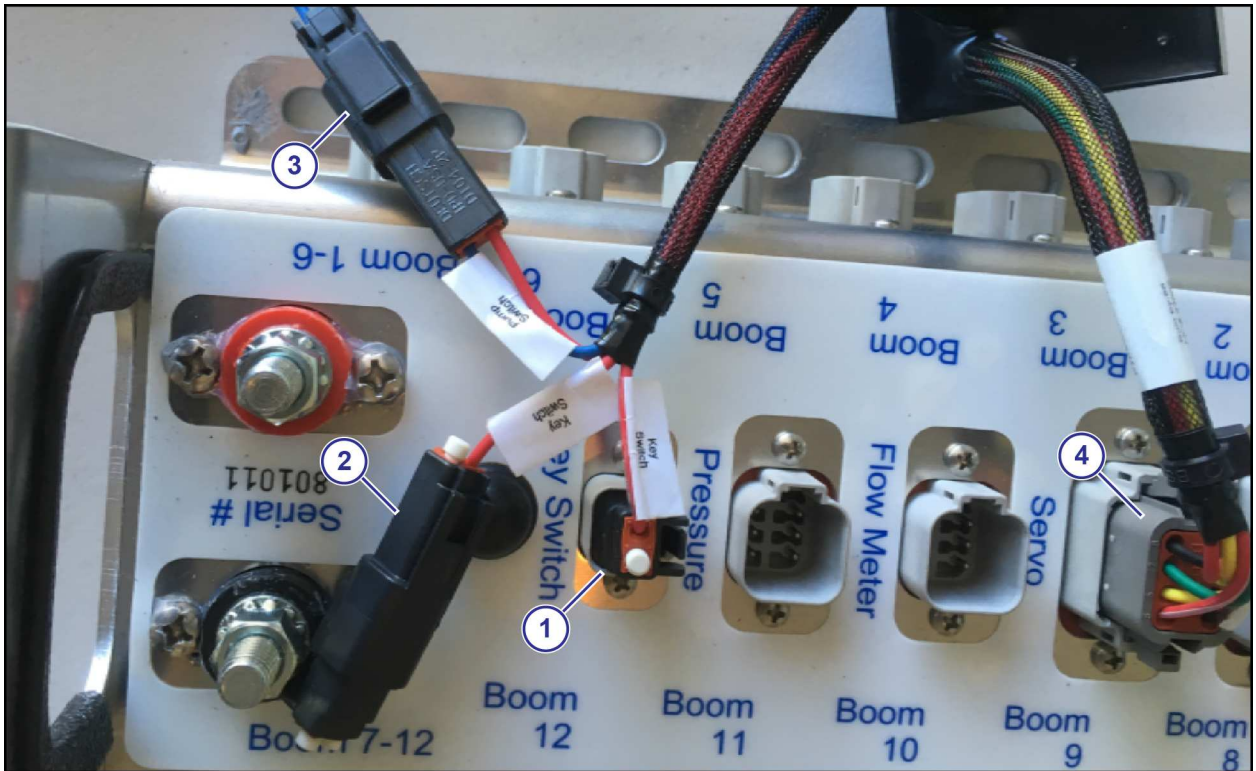


Fig. 4:

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