

Step 1 - Confirm Harness Type



The 3-wire harnesses are for vehicles without J1939 ports and New Holland equipment (recommended). J1939 ports are typically located next to the operator's seat or under the steering column.

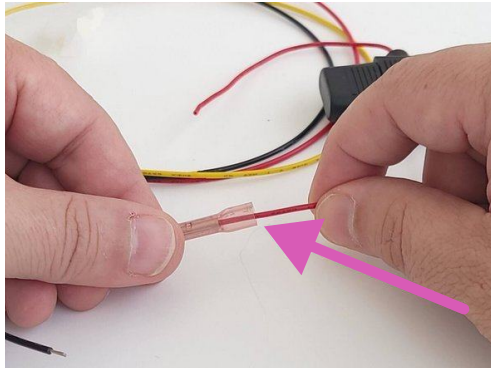
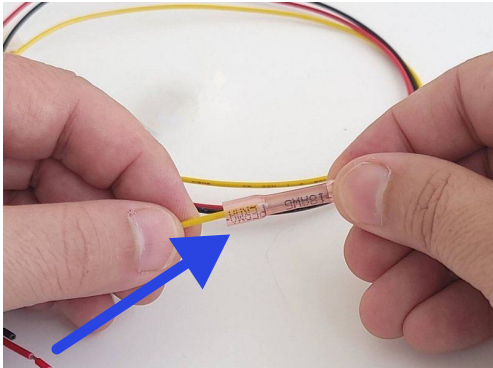
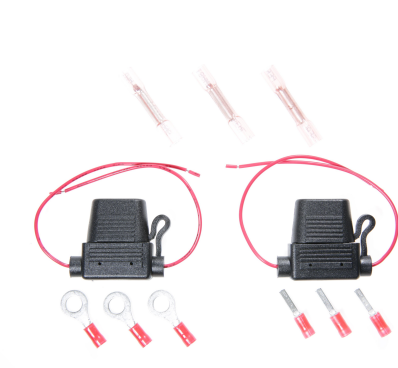
Common compatible vehicles:
Kubota, New Holland, ATVs, pre-2000 machinery

① Use the J1939 harness for machines with a J1939 port.

Tools needed

- 1x Wire crimper and cutters
- 1x Wire stripper
- 1x Digital voltmeter
- 1x Multi-tip screwdriver
- 1x Socket wrench

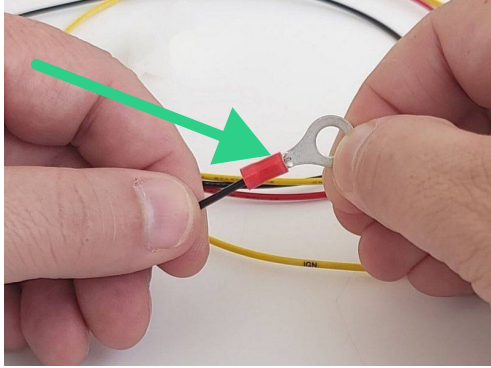
Step 2 – Assemble the Harness



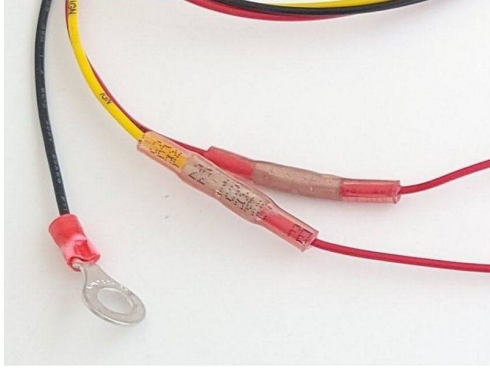
Using a wire crimping tool, connect the fuse holders to the **Red** and **Yellow** wires.

- Crimp one of the included butt splice connectors onto the end of the **Yellow** wire.
- Press the open end from the previous step into one end of the fuse holder.
- Using a heat gun or other heat source, heat-shrink the butt splice connectors.

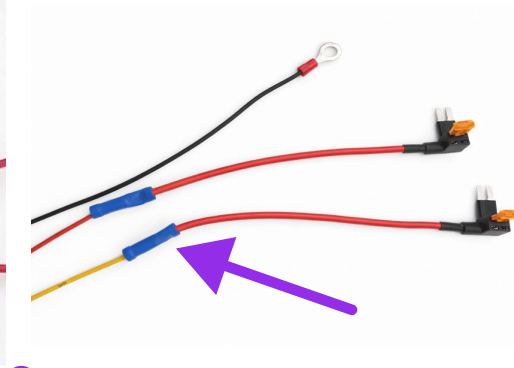
① Repeat the above steps for the **Red** cable.



● Using the wire crimping tool, crimp the ring terminal onto the **Black** wire.



The setup should look like this.



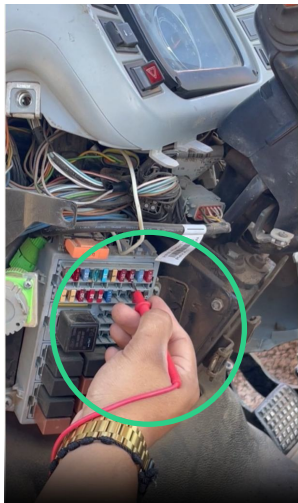
● The cables should come with the insulation already stripped; ready for crimping into add-a-fuse.

Step 3 - Connect the 3-wire harness to the GPS device



- Connect the fuse holder side and the device side of the 3-wire harness together.

Step 4 – Connect the Red Cable to the Constant Power Fuse



Vehicle Off



- Locate and verify a constant +12/24 V battery source fuse in the vehicle's fuse panel. Connect the end of the **red** fuse holder to the adapter (Add-A-Fuse). Then, connect the **red** Add-A-Fuse holder to the vehicle's constant power fuse.

① A suitable batter will have +12/24V (power) at all times when the vehicle is switched off.

Step 5: Connect the yellow wire to the ignition power fuse



Vehicle On



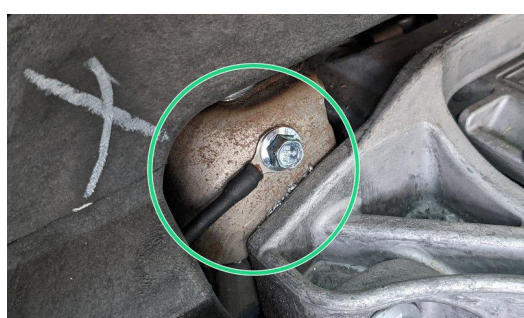
Vehicle Off



- Locate and verify a +12/24 V ignition power fuse in the vehicle's fuse panel. Connect the Add-A-Fuse end of the **yellow** wire to the vehicle's ignition fuse.

① A suitable fuse will have +12/24 V (power) when the vehicle is on, and 0 V when the vehicle is off.

Step 6 - Connect the black wire



- Connect the ring terminal to a verified ground using an existing screw or a self-tapping screw (not included).

① The surface of the floor must be bare metal.

Step 7 - Mount the GPS Device



Secure the device using self-tapping screws and/or cable ties in a stable location.

- ① The device must be secure and stable.
- ① Attach the included device label to the GPS device.

Step 8 - Testing



Start the vehicle and check the LED pattern

- ① Please wait up to 15 minutes for the LEDs to become steady.
- ① Drive the machine outside the workshop to prevent the roof from interfering with the signals.

Red LED Device configuration Green LED Cellular network Blue LED GPS network

Troubleshooting

Visual Notifications (LED)

Color	Flashing LED	Solid LED
Red	Powering on and firmware update pending	Powered on and latest firmware downloaded
Blue	GPS is on but not connected	GPS is on and connected
Green	Cellular modem is on but not connected	Cellular modem is on and connected

1. The device does not turn on.

a. Check the cable connection to the constant power fuse.

2. The vehicle always shows that it is on.

a. Check the ignition wire (yellow) connection to the ignition fuse.

Scan the QR code to verify device communication.



If you need assistance, have damaged or missing parts, please email support@intelliculture.com or call +1 (831) 525-1785 (English and Spanish).