



Installation Guide Powersport Unit

Kit Contents

Powersport



Fall-Over Sensor



Relay & Socket



Important Notes Before Installation

- Make sure the device is activated prior to power up and installation to avoid major delays in acquiring GPS locations.
- Determine a suitable mounting location preferably above any metal that could obstruct the GPS.
- When the device is positioned in the Powersport vehicle make sure the sticker is facing downward.
- Locate your power source on a “Hot” wire, so there is always power to that wire even with the ignition turned off.
- When installing under a garage, move the Powersport vehicle outside after the installation to have plain view of the sky to enable the GPS to pick up the signal from the satellites.
- Make sure to test the Powersport unit and Fall-Over Sensor before putting the Powersport vehicle back together.
- The white or yellow wire on the Powersport is what determines power connection for certain functions to work on the device, such as towing alarms.

Wiring Schematics

Wire Color Scheme for the Powersport

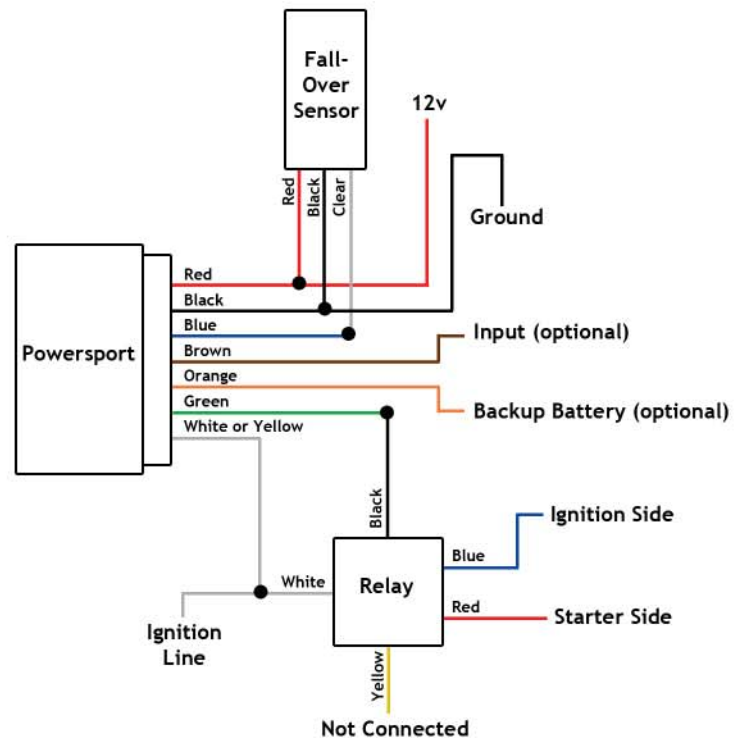
- RED** - Constant 12V source
- BLACK** - Ground
- WHITE or YELLOW** - Ignition
- ORANGE** - Back-Up Battery Port (Optional)
- GREEN** - Starter Output (Optional)
- BLUE** - Fall-Over Sensor
- BROWN** - Alarm Input (Optional)

Wire Color Scheme for the Fall-Over Sensor

- RED** - Constant 12V Source
- BLACK** - Ground
- CLEAR** - Output to Powersport Unit

Wire Color Scheme for Relay

- BLACK** - Goes to GREEN on the Powersport unit
- WHITE** - Goes to Ignition Power Source
- RED** - Goes to Starter Side of Cut Starter Wire
- BLUE** - Goes to Ignition side of Cut Starter Wire
- YELLOW** - Not Used





Installation

- 1** Locate the power and ground wires from the Powersport vehicle to be used in the installation. Make sure that the wire you are supplying 12V source to is constant with the ignition off. Specifically, you want to have a wire that will read the same voltage as the battery. For the supplying ground you may choose to go directly to the battery or the chassis of the Powersport vehicle. **If you are having trouble communicating with the unit after installation check both power and ground connections, also you may try switching the ground.**
- 2** Connect the RED wires from the Powersport unit and the Fall-Over Sensor together and solder to the 12V constant power source. Connect the BLACK wires from the Powersport unit and the Fall-Over Sensor together to the chassis of the Powersport vehicle or the negative terminal of the battery. Solder the CLEAR wire from the Fall-Over Sensor to the BLUE wire of the Powersport unit. Connect the WHITE or YELLOW wire to a Powersport vehicle wire that has 12V power only when the ignition switch is on (Switched Power). **IMPORTANT:** The wires from the Powersport unit are located under the shrink wrap, you will have to strip back the black casing around the Powersport cable in order to reach the other wires.
- 3** Mount the Fall-Over Sensor in a vertical manner with the Powersport vehicle upright. Secure it to a rigid part of the Powersport vehicle. *****For testing refer to the TESTING & TROUBLESHOOTING section of the guide.*****
- 4** Secure the Powersport unit under the seat or fairing with an adhesive, tie wrap or double-sided sticky tape. Make sure that the sticker with the serial number is facing downwards.
- 5** Solder the GREEN wire from the Powersport unit to the BLACK wire from the Relay. Connect the WHITE wire from the Relay to a 12V power source that only has power when the ignition switch is on (You may also connect it to the WHITE or YELLOW wire from the Powersport unit and go to that ignition power source). Locate the starter wire on your Powersport vehicle and cut it in half, take the BLUE wire from the relay and solder it to the ignition side of the starter wire. Next, take the RED wire from the Relay and connect it to the starter side of that same starter wire.

Testing

Testing the Fall-Over Sensor - Hold the Fall-Over Sensor at a 30 degree angle for 10 seconds. Login to the website and check the message history of the unit (See User Manual)

Testing the Powersport Unit - Once the Powersport Unit has a steady Green blinking light with no Red light, you may attempt to locate via the website.

Testing the Starter Disable Function - Once the relay is installed, simply hold the BLACK wire from the relay to ground while attempting to start the vehicle. Login to the website and test the disengage function (See User Manual)

Troubleshooting

Red light stays on for more than 4 seconds

Try switching out the supplied ground. If you are at a chassis ground, switch it to a battery direct ground. Check your connections directly to the Power Cable and your supplied 12V constant source. Read with a volt meter to ensure we have a constant 12V source going to the unit with the ignition off

Red light stays on for ½ a second

The GPS module within the Powersport unit has not received its GPS locations, if the bike is inside move it out in the open. Ensure that the device is facing with the serial number down. Make sure the device is not under any metal that could obstruct the view of the GPS module.

No lights on the GPS module

Check the supplied 12V source with a volt meter to ensure you have 12V constant power to the unit. Check all connections to ensure they are properly connected.