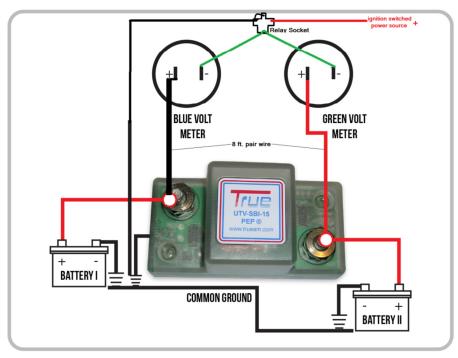


FYI: The SBI is designed ambidextrous so it cannot be installed backwards. Either stud can be connected to either battery's positive terminal.

- 1. Disconnect the neg. terminal of your battery(ies)
- 2. Red cables: Slip red insulators over small(6mm) cable lugs
- 3. Attach lugs to the SBI studs finger tight
- 4. Route and connect SBI between positive terminal of Batteries
- 5. Mount with screws, 3M Dual Lock™, or leave suspended
- 6. Route small black ground from SBI to common ground
- 7. Install black cable from 2nd battery to common ground
- 8. Tighten all connections (PLASTIC do not over tighten)
- 9. Reconnect the neg. terminals
- 10. Start engine verify function with SBI illumination\*

\*Note: It is normal for LED to remain lit when engine is first turned off. To test unit turn headlights on briefly and LED should go out.

## **VOLT METER WIRING DIAGRAM**



## Instructions for wiring the on/off relay for the voltmeters

Red wire- Switched ignition power source. Something that turns on and off with the key.

Black wire- common ground

Green wires- one to each voltmeters negative blade terminal (requires  $\frac{1}{2}$ "/6mm female blade connectors included).

Included also is section of duplex two conductor wire with  $\frac{1}{2}$ " ring terminals for one end and  $\frac{1}{2}$ " female blade terminals for the other. This will make the connection between the positive blade terminals of the voltmeters to each side of the isolator. When connecting the ring terminals to the isolator put them on the positive studs under the battery cables to allow for insulators to fit properly.

When properly installed the voltmeters should turn off when the key is turned off.