

**LI-BIM 225 Quick Guide:** The LI-BIM 225 senses voltages of the Chassis (Engine) and Coach (Auxillary) batteries. There are three scenarios to when the connection will be made, each with their own response:

**Scenario 1:** Engine is "on" with a Chassis battery voltage greater than 13.4V and a Coach battery voltage less than 13.3V

**Response:** The LI-BIM 225 will connect the batteries for 15 minutes, then disconnect the batteries for a wait time of 20 minutes. After this wait time, a new voltage reading will be taken of each battery. If the voltages remain within the scenario's parameters, the response repeats.

**Scenario 2:** The Chassis battery voltage is below 12.5V and a Coach battery voltage greater than 13.5V

**Response:** The LI-BIM 225 will connect the batteries for 1 hour, then disconnect the batteries for a wait time of 2 minutes. After this wait time, a new voltage reading will be taken of each battery. If the voltages remain within the scenario's parameters, the response repeats.

**Scenario 3:** The *Normally Open Momentary Switch* is pressed

**Response:** The LI-BIM 225 will connect the batteries for as long as the switch is pressed.

A basic connection diagram is shown below. The ignition terminal should be connected to the ignition switch. The signal terminal has two setups:

**Option 1:** The signal terminal is connected to a *Normally Open Momentary Switch*, which is connected to a ground.

**Option 2:** The signal terminal is connected to a fuse (suggested 2 Amps). This fuse is then connected to a *Normally Open Momentary Switch* followed by a connection to the Coach Positive Voltage Line.

