

1. Unpack the monitor, antenna and the data/power cable. The 25-pin connector plugs onto the front of the OmniMetrix® monitor. This cable includes wires to power the monitor as well as wires for alarm inputs, relay outputs and analog inputs. Take a moment to inspect all components to verify there is no shipping damage.
2. Place the antenna vertically on the roof of the generator and route the antenna cable into the area of the generator control. The antenna used for transmitting must be installed to provide a separation distance of at least 20 cm from all persons and must not transmit simultaneously with any other antenna transmitters. **BE SURE** to provide a drip loop lower than the monitor to keep water from running down the antenna cable into the monitor connection.
3. Attach the monitor via its magnetic feet, on top of the engine controller or other appropriate location. Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary. *Note: If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.*
4. Route the data/power cable into the generator control enclosure.
5. Plug the OmniMetrix 10-pin connector onto the Olympian controller board as shown. The connector is polarized with a tab and will only plug in one direction. Please take time to note the tab and mating socket.
6. Unplug the B+ wire from the Hour Meter. This is a switched Battery+ voltage, powered when the engine is running. Plug the OmniMetrix ORANGE wire onto the blade exposed by the removal of the Olympian wire. Plug the Olympian wire back onto the auxiliary blade that is part of the OmniMetrix connector. This will allow the OMN unit to sense when the generator is in a running condition.
7. The terminal strip found at the bottom of the Olympian control back plate contains the 2-wire remote start terminals, with the 2 wires from the transfer switch connected there. Install the WHITE/YELLOW and WHITE/BROWN wires into the remote start terminals.
8. Attach the antenna cable to the front of the monitor, and tighten thumb tight.
9. Turn on the monitor and confirm that the LEDs light up and blink. If not, check for power on the terminal strip. If, after 5 minutes, the only LED lit is the Power LED, check the antenna mount and cable connection.
10. Allow 15 minutes for the monitor to log into the network and then call OmniMetrix at 770-209-0012 to confirm installation. Access to machine data is through the OmniView® web interface at www.omnimetrix.net. Contact OmniMetrix for login instructions and web training.



Data/Power Cable



Olympian 2001 Controller

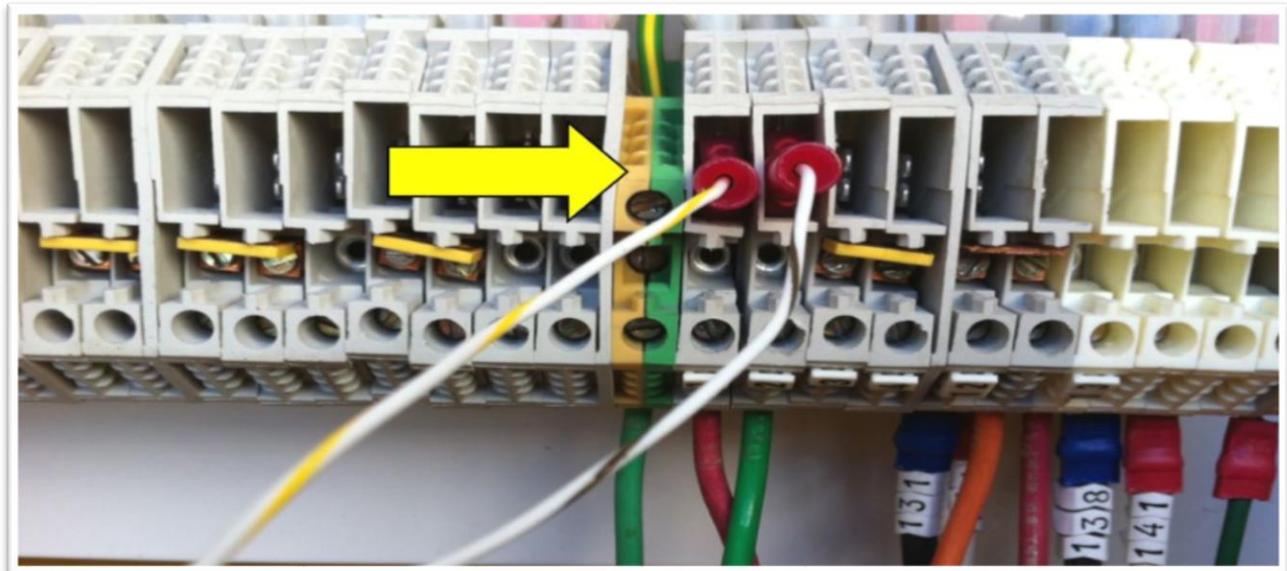


Controller Board with 10-pin Cable

Olympian 2001 Wiring Table		
OMN WIRE	Function	Termination
White/Yellow	Remote Start/Stop	Terminal Strip: Transfer Switch Wire 1
White/Brown	Remote Start/Stop	Terminal Strip: Transfer Switch Wire 2



Hour Meter Connection for Orange Wire



Remote Start 2-Wire Connection

If you have any questions, please call OmniMetrix Tech Support at 770-209-0012 or email at techsupport@omnimetrix.net.