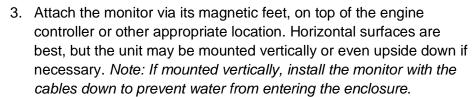**NOTE:** The Olympian 4001 units were manufactured in a variety of configurations and documentation was poor. This guide was known to be correct on many machines, but there may be machines built to alternative configurations. We have no ability to provide additional information about an obsolete controller.

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. Instructions for wiring the monitor can be found within the table on the following page.

6. Attach the antenna cable to the front of the monitor and tighten thumb tight.

7. 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.

8. Allow 15 minutes for the monitor to log into the network and then call OmniMetrix at 770-209-0012, Option 2, 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.

25-Pin Data/Power Cable

Olympian 4001 Controller

Olympian 4001 Wiring Table		
OMN WIRE	Function	Termination
Red	Power In (9-30 Vdc)	B+ terminal strip wire #7
Black	Ground	B- terminal strip wire #5
Orange	Generator Running	Connect to B+ side of hour meter
Blue	Common Alarm	Terminal strip wire #75
Red/Green	Common Alarm ground	Terminal strip wire #74
Violet	Battery Charger Failure	Connection 19: Field Cable Interface
Gray	Coolant Temp High	Connection 4: Field Cable Interface
Pink	Not in Auto	Connection 21: Field Cable Interface
Tan	Oil Pressure Low	Connection 7: Field Cable Interface
Yellow	Overcrank	Connection 13: Field Cable Interface
Brown	Coolant Temp High	Connection 9: Field Cable Interface
White/Yellow	Remote Start/Stop	Connection 7: Customer Start Signal
White/Brown	Remote Start/Stop	Connection 24: Customer Start Signal

If you have any questions, please call OmniMetrix Tech Support at 770-209-0012, option 2 or email at techsupport@omnimetrixconnect.com