

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 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. The monitor connects to the DEC340 control board using the wiring definitions as shown in Table 1 (next 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 to confirm installation. Access to machine data is through the OmniView® web interface at [www.omnimetrix.net](http://www.omnimetrix.net). Contact OmniMetrix for login instructions and web training.



Data/Power Cable



Kohler DEC340 Controller

Wiring Table		
OMN Wire	Function	Kohler Termination
Orange	Engine Running	27
Red	Power In	19
Black	Ground	1
Violet	Low Fuel	33
Pink	Not In Auto	10
Yellow	Over Crank	11
Blue	Common Alarm	29
Gray	Low Coolant Temp	13
Tan	Low Oil Pressure	14
Brown	Over Speed	34
White/Yellow	Remote Start/Stop	TB3 - 3
White/Brown	Remote Start/Stop	TB3 - 4

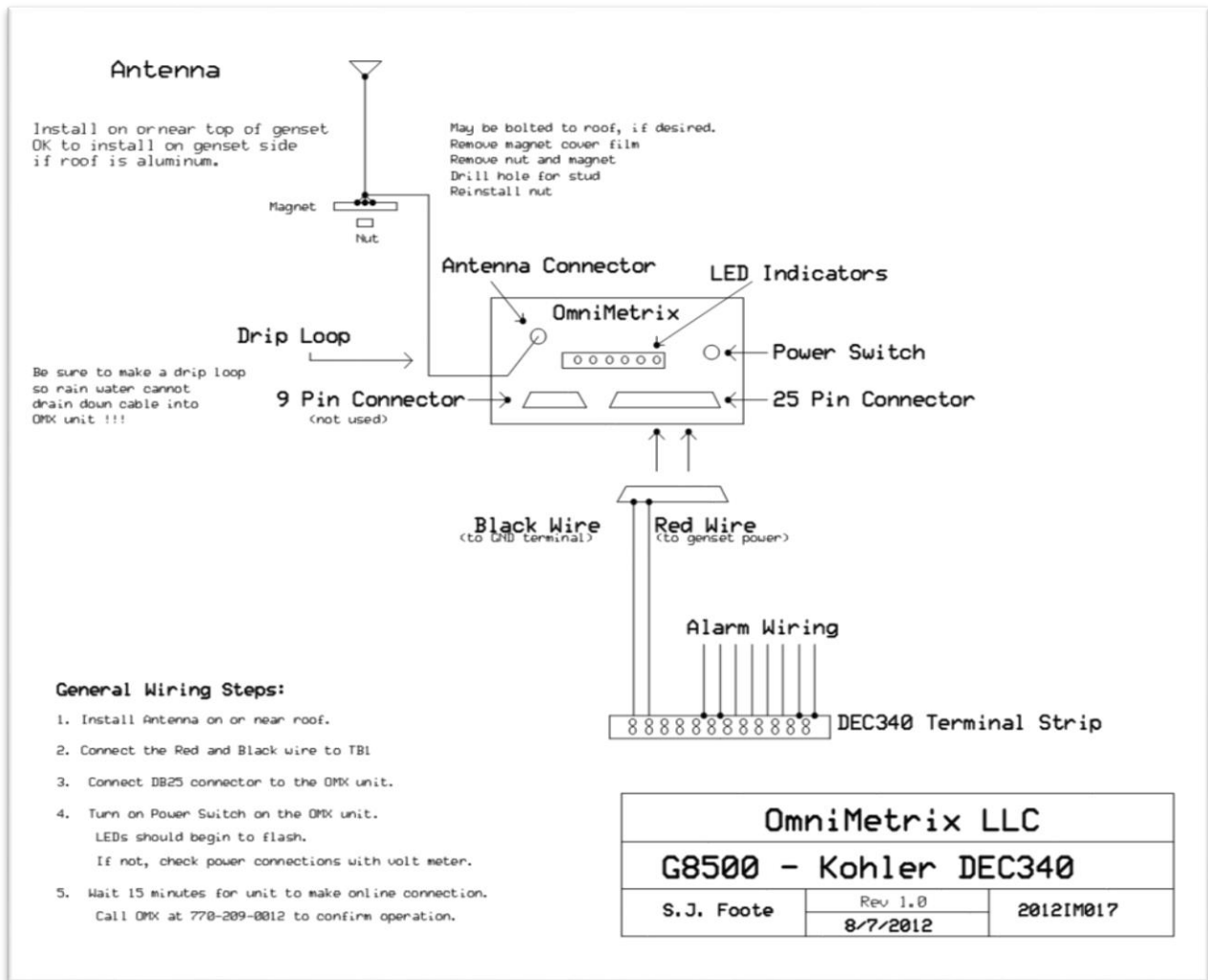


Table 1 – DEC340 Wiring Table