

Clarke Fire Pump Install Guide



1. Unpack Components

- Unpack the monitor, antenna, and data and power cable.
- Inspect all components to ensure there is no shipping damage.

2. Installing Antenna

- Place the antenna vertically at the center of the roof of the generator.
- Route the antenna cable into the area of the generator control.
- Ensure a drip loop lower than the monitor to prevent water from running down the antenna cable into the monitor connection.

3. Attach the Antenna Cable:

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

4. Attaching the Monitor.

- Attach the monitor via its magnetic feet, on top of the engine controller or another 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.**

5. Connect the Monitor:

- The monitor can connect to the Clarke Fire Pump Panel following the wiring diagram below.

6. Power On and Check LEDs:

- Turn on the monitor and confirm that the LEDs light up and blink.
- If not, check for power wires at the battery.

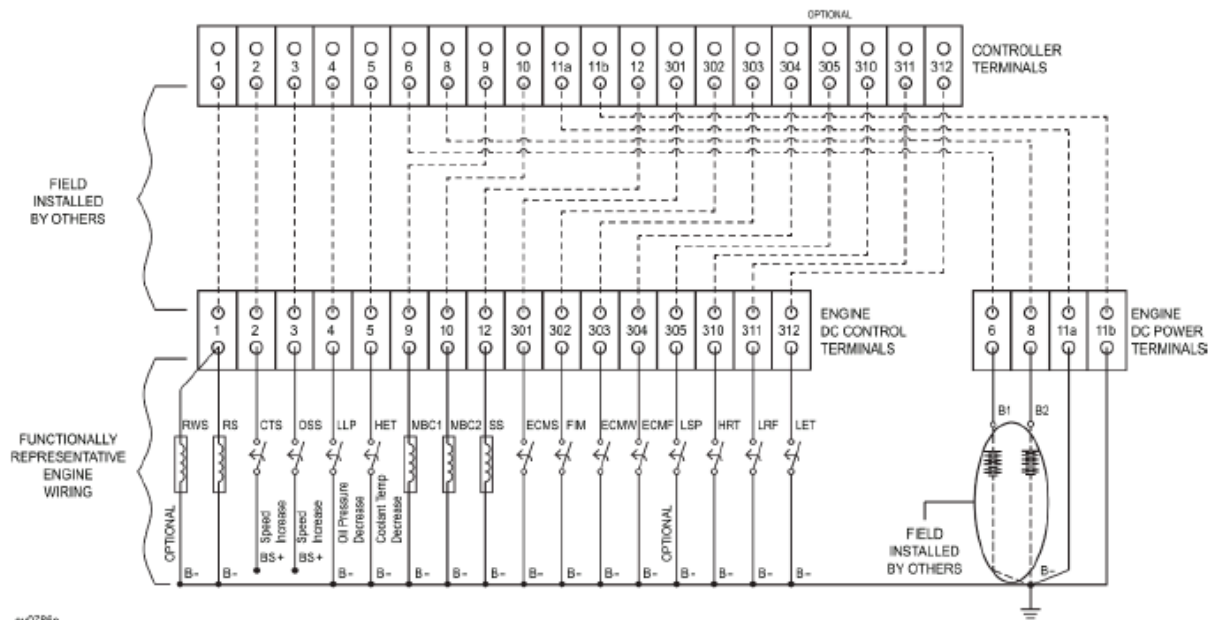
7. Confirm Installation:

- Allow 15 minutes for the monitor to log into the network. Call OmniMetrix at 770-209-0012 to confirm installation.

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Clarke TSP-E Fire Pump Wiring Diagram		
OMNI WIRE	FUNCTION	TERMINATION
Red	Power In (9-30Vdc)	TB-6
Black	Ground	TB-11a
Orange	Running	TB-2
Blue	Common Alarm	TB-302
Violet	Low Oil Pressure	TB-4
Gray	High Coolant Temp	TB-5
Pink	Not In Auto	TB-1
Tan	ECM Signal B	TB-301
Yellow	Over Speed	TB-3
White/Blue	Battery B	TB-8
White/Green	Ground	TB-11b

Diesel Engine/Controller Terminal Wiring Diagram



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