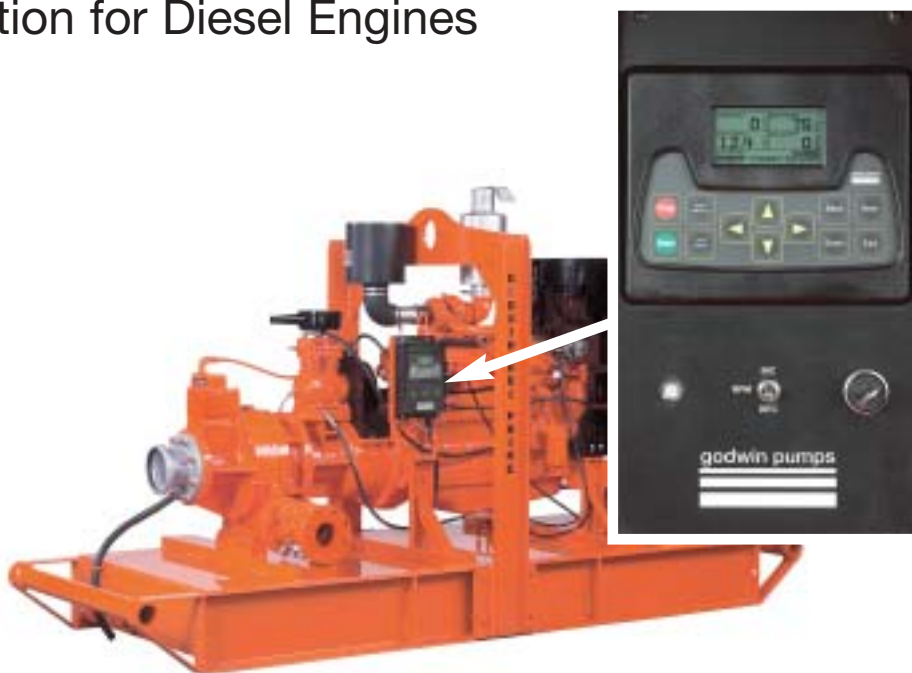


# Godwin PrimeGuard Controller

Automation for Diesel Engines

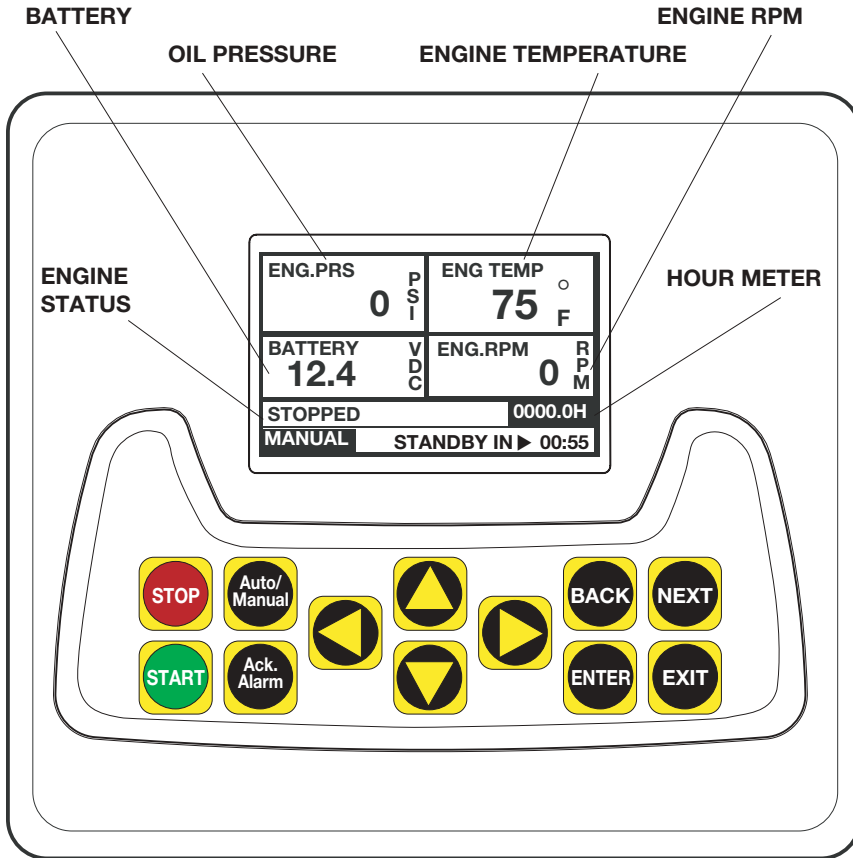


Godwin's diesel driven automatic Dri-Prime® pumps now include the Godwin PrimeGuard Automatic Level Control system on all Tier II electronic diesel engines. The Godwin PrimeGuard is a fully programmable microprocessor engine control system allowing for inputs from level, flow, pressure transducers or standard floats. Using any of these systems, your Godwin Dri-Prime® pump can start and stop automatically with no operator intervention required. Call today for more details about Automatic Level Controls for your portable/permanent pumping application.

## Features

- High performance, state of the art, touch-sensing digital controller.
- No mechanical switches to wear or stick.
- Manual, automatic, or remote starting capabilities.
- Security levels allow limited to full access of controller functionality.
- Includes 8 programmable relays and 66 selectable features, including pump running, pump failure, and others.
- RS-232 and RS-485 communication ports enable communication with SCADA and other alarm equipment.
- Available as an option for non-electronic diesel engines.
- Capable of auto throttling engine rpm in response to changing pressure/level/flow transducer signals.
- Maintains an “event history” of all warning alarms (up to 32).
- User can pre-set engine rpm to maintain flow and head parameters when running unattended.
- Tracks oil and filter usage and alerts operator when replacement is recommended.
- Diesel engine warm up/cool down cycle available.

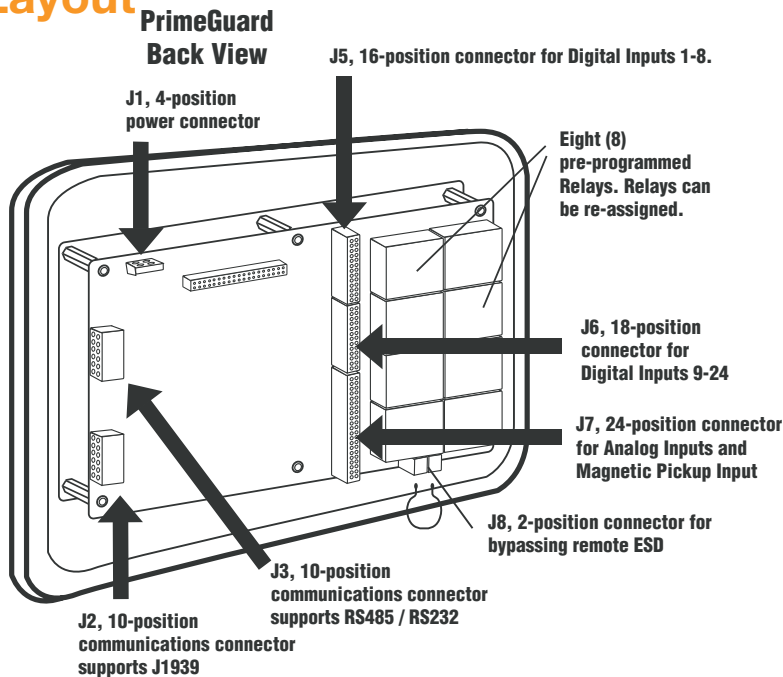
# Godwin PrimeGuard Controller Basic Operation



- One-touch engine starting
- One-touch engine stopping
- Directional arrows for data input
- Switches between auto and manual modes
- Acknowledges alarms
- Navigates back across status screens
- Navigates forward across status screens
- Enters selected data
- Exits current screen to four quadrant information screen

Default "Home" screen illustrated above.

## Godwin PrimeGuard Connector Layout



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**BRANCH LOCATIONS:**  
 Connecticut • Pennsylvania • Ohio • New York  
 Illinois • Maryland • Virginia • West Virginia • Georgia  
 South Carolina • North Carolina • Florida • Texas  
 Montana • California • Washington

The Godwin PrimeGuard is designed to operate from any DC supply from 8-35VDC continuous.

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