

# 2 Wire Start Operating Manual



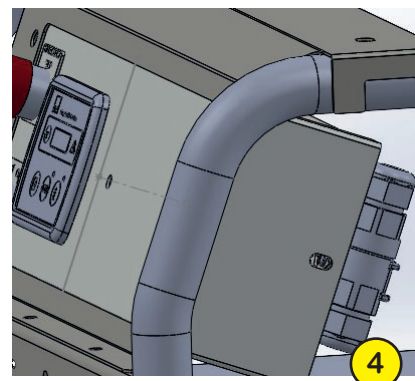
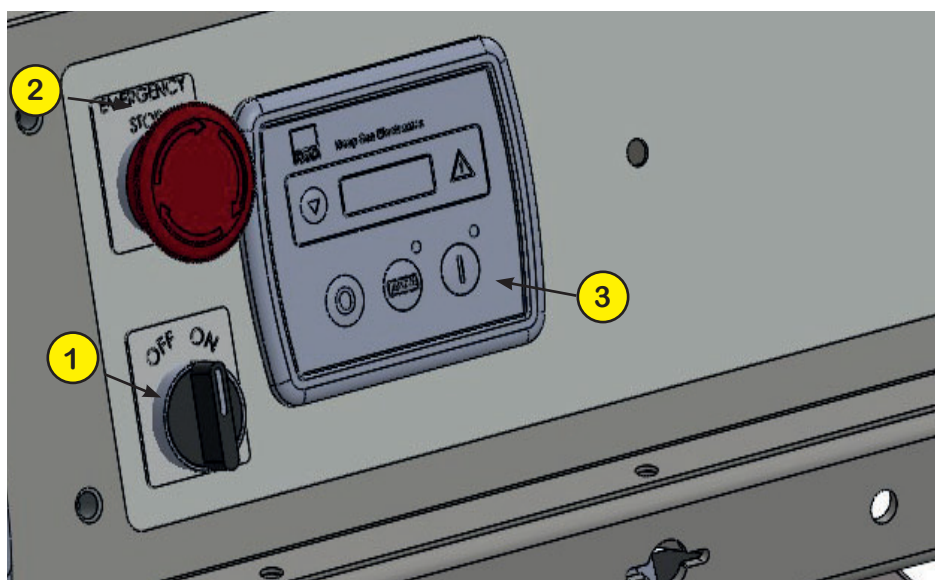
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## Control Locations

1	On / Off Switch
2	Emergency Stop
3	Deep Sea Unit
4	Quick Connector



## Quick Start Guide

### Automatic Operation.

- 1) Turn on switch to power Deep Sea unit.
  - 2) Ensure LPG cylinder is correctly connected and turned on.
  - 3) Ensure Emergency stop button is unlatched (turn clockwise)
  - 4) Press stop button on DSU then press start button twice.
- (If unit fails to start it will repeat start sequence three times then lock out.)
- 5) Stop unit by pressing red stop button on DSU.

**IN EMERGENCY PRESS THE RED STOP BUTTON**

### Storage

If the generator is being stored for long periods without being used drain of petrol & run until the unit stops then turn selector switch to 'OFF'

**Figure 1.**



Caution! PROPANE VAPOUR IS HIGHLY FLAMMABLE. AVOID NAKED LIGHTS, CIGARETTES, ETC WHEN CONNECTING THE CYLINDER. CHECK HOSE & FITTINGS FOR DAMAGE OR LEAKS BEFORE EACH USE. (IF IN DOUBT DO NOT USE!)



For short periods of running any size of cylinder may be used, but for long term running particularly in cold conditions smaller cylinders may start to freeze with consequent loss of power. For reliable operation use a cylinder of at least 19 Kg net capacity. In cold weather it may be necessary to use 47 Kg cylinders.

### 3.Starting the Engine with the DSU



### 3.1 Stopping the Engine with the DSU



## 3.2 Controls

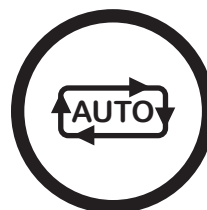
### Stop / Reset

This button places the module into its Stop/Reset mode. This will clear any alarm conditions for which the triggering criteria have been removed. If the engine is running and the module is in Stop mode, the module will automatically instruct the changeover device to unload the generator ('Close Generator' becomes inactive (if used)). The fuel supply de-energises and the engine comes to a standstill. Should a remote start signal be present while operating in this mode, a remote start will not occur



### Auto

This button places the module into its 'Automatic' mode. This mode allows the module to control the function of the generator automatically. The module will monitor the remote start input and once a start request is made, the set will be automatically started and placed on load. Upon removal of the starting signal, the module will automatically transfer the load from the generator and shut the set down observing the stop delay timer and cooling timer as necessary. The module will then await the next start event. Connection of the remote start cable is via the quick connector. This connection is not polarity conscious.



### Start

Pressing this button in auto mode will start the engine and run off load. (If Option Fitted)  
Pressing this button in STOP/RESET mode will turn on the engine.



### Page

Pressing this button scrolls the display to show the various instruments.



## 3.3 Quick Connector

