2 Wire Start Operating Manual
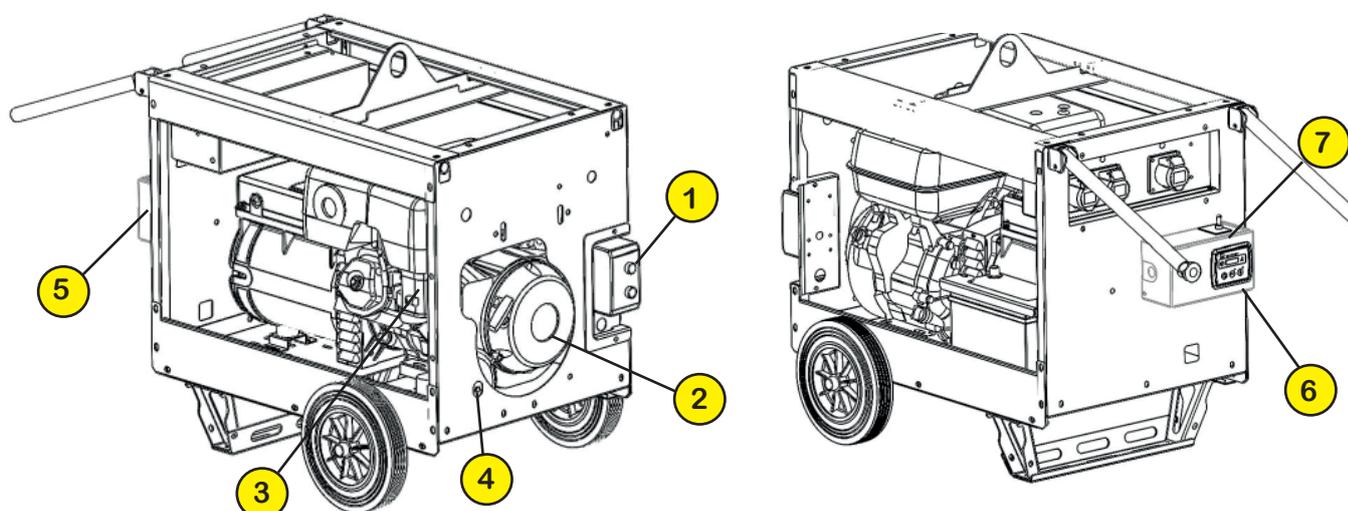
Control Locations

1	Start / Stop Controller
2	Recoil Starter
3	Choke & Petrol Tap
4	LPG Prime Button
5	Buccaneer Plug
6	DSU Unit
7	Selector Switch

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!)

This unit can be started remotely on LPG or used as a portable generator running on either petrol or LPG (propane gas).

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.

Quick Start Guide

Automatic Operation.
1)   Ensure the unit is empty of petrol (turn off petrol and run until it stops)   **Figure 2.**
2)   Ensure LPG cylinder is correctly connected and turned on.
3)   Set selector switch to 'REMOTE'   **Figure 1.**
4)   Set DSU unit to 'AUTO'   **Figure 3.2**
      Remote signal via Buccaneer plug will now start the unit   **Figure 3.3**

Manual Operation on LPG
1)   Ensure the unit is empty of petrol (turn off petrol and run until it stops)   **Figure 2.**
2)   Depress fuel controller prime button for 1 to 2 Seconds   **Figure 1.1**
      NOTE - DO NOT USE CHOKE
3)   Press start button or use recoil   **Figure 2.2**

Manual Operation on Petrol
1)   Ensure LPG bottle is turned off.
2)   Turn fuel on   **Figure 2.**
3)   Turn choke to CLOSED   **Figure 2.1**
4)   Ensure stop button is in the OUT position (turn clockwise to release)   **Figure 2.2**
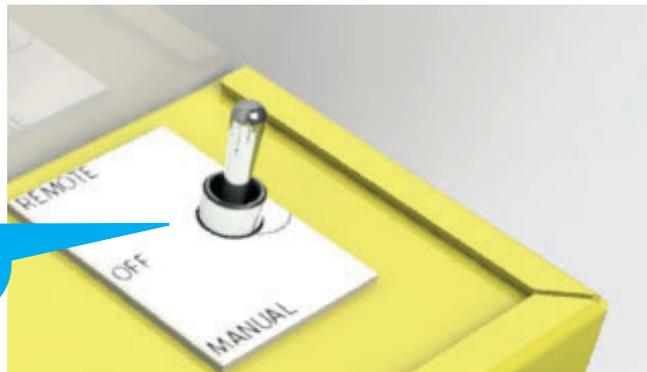5)   Press start button or use recoil   **Figure 2.2**

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.**

1. Renote / Manual Selector Switch

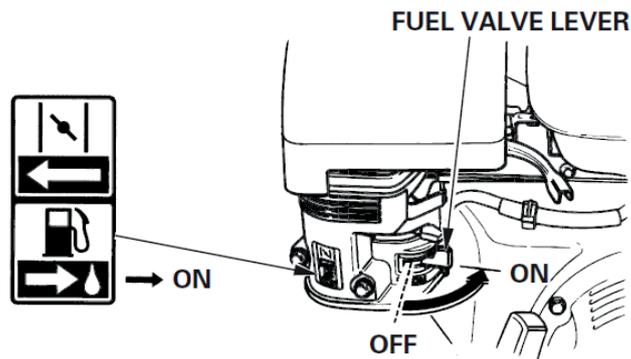Switch Between Remote, Manual and Off

1. 1 LPG Fuel Controller Prime Button
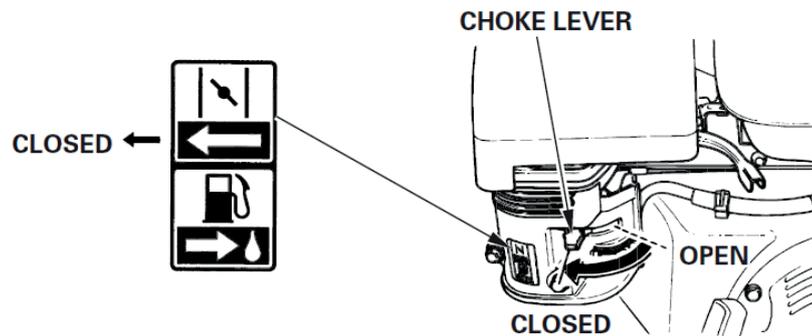

Depress Fuel Controller Prime Button.

2. Turning Pertol On
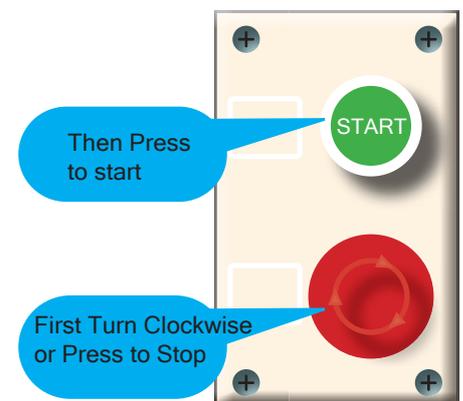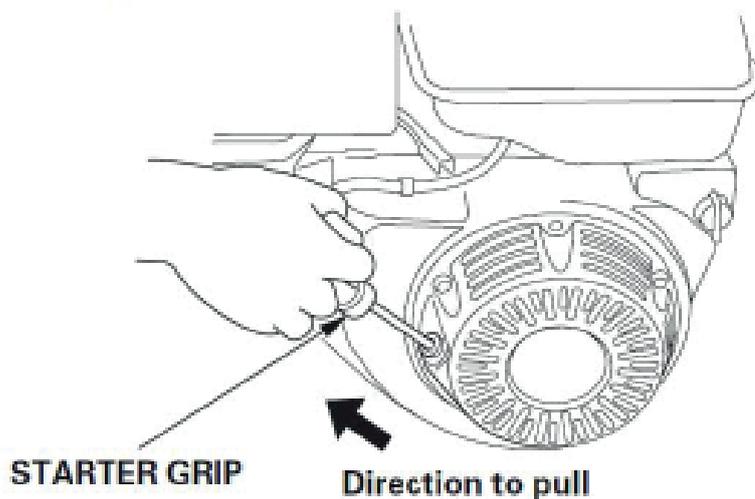
1. Move the fuel valve lever to the ON position.

FUEL VALVE LEVER

→ ON

ON

OFF

2. To start a cold engine, move the choke lever or choke rod (applicable types) to the CLOSED position.

CHOKE LEVER

CLOSED ←

2.1 Set Choke

OPEN

CLOSED

2.2 Manual Starting

Pull the starter grip lightly until you feel resistance, then pull briskly in the direction of the arrow as shown below. Return the starter grip gently.

STARTER GRIP   Direction to pull

START

Then Press to start

First Turn Clockwise or Press to Stop

NOTICE

Do not allow the starter grip to snap back against the engine. Return it gently to prevent damage to the starter.

3.Starting the Engine with the DSU

First press Stop/Reset....

...Then, press the Start button to crank the engine. Depending upon module configuration, two presses may be required.

3.1 Stopping the Engine with the DSU

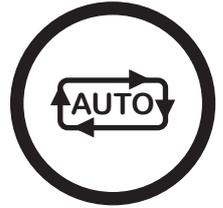Select Stop/Reset mode. The generator is stopped.

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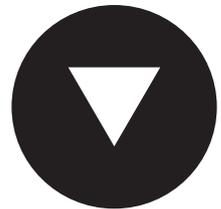
Start
Pressing this button in auto mode will start the engine and run off load.(If Option Fitted)
Pressing this button in STOP/RESET mode will turn on the engine.

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

3.3 Buccaneer Socket