

## Starting the generator

The generator and a large and small jerrican live in the target shed, on the right just inside the door. There is small Yale-type key among your range keys, which unlocks the chain holding them together and to the floor.

Place the generator on a level surface. To check the fuel level unscrew the black filler cap (top right), remove the white filter (put it in your hand or on a clean surface, not on the ground) and look at the fuel level (if you leave the white filter in place the fluid level always looks to be at the bottom of the filter). Top up if necessary as below. Make sure the filter is back in place before filling. Replace the black filler cap.

Plug in the 3 – pronged power lead **before** starting the generator - which produces 240V. Power will not go to the server etc until the “Reset” (green) button is pressed on the circuit breaker after the generator has been started.

Turn the tab on the black filler cap from **O** to **I**

Turn the red knob at lower right from **O** to **I**

Push the choke lever fully to the **right**

Check that the “speed” lever is to the left, over the tortoise, and keep it there.

Pull on the cord. The generator should start at the first or second attempt.

**As soon as** the generator starts, push the choke lever fully to the **left**.

Press the green Reset button on the circuit breaker to send power to the server/monitors (there is a 10-15 second delay before the screen display appears).

Cover the generator with the Correx cover in rain - do you want to handle a wet 240V appliance with your feet in wet grass? Make sure the air inlet and exhaust are not obstructed.

The generator should run for at least six hours on one filling provided the “speed” lever is kept over the tortoise.

### Two common problems:

1. Generator stops after a few minutes: you have forgotten to turn the tab on the filler cap from 0 to 1 and air cannot replace used fuel. Solution obvious.
2. Circuit breaker trips after a few minutes causing monitors to go blank: Choke lever remains to right, causing generator to slow, simulating a current leak. Push choke lever to left and reset circuit breaker. Monitors will have to go through set-up process again.

### Filling the generator

This is best done with the generator cold - ie at the start of the day. If it has to be refilled during shooting, let it cool for 10 minutes before filling.

Fill the generator from the small jerrican. Remove the black filler cap and fill to the bottom of the white filter. Replace the filler cap and close the cap on the jerrican securely.

Re-fill the small jerrican from the large one. (To re-fill the large jerrican, drive to Blair Atholl garage, fill it with unleaded fuel and pass the receipt to the treasurer.)