

GROUP STOVE SAFETY INSTRUCTIONS

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LOCATION:

Take some time to pick the cooking location. A firm level surface at ground level where the stove will not be knocked over is ideal and it must be at least 3 metres away from flammable items/tents.

- Consider the weather conditions and wind direction.
- Make it clear to other people that stoves are lit/hot and get everything needed together before starting to cook. Have somewhere safe nearby to put hot pans.

GENERAL SAFETY:

Always be familiar with the stove & fuel before setting out.

- Be confident in how to use the stove and what dangers are associated with it and the fuel, for example gas canisters.
- Have water and a wet tea towel nearby, ready to use as a fire blanket. Always be careful to check if there is a flame or not, especially in bright sunlight.
- Never leave a lit stove unattended or unwatched.
- DofE participants and adults need to follow their Licensed Organisation's policies and the instruction and safety guidance given by the manufacturer of the stove they have chosen to use.

TRANGIA STOVE PARTS:



A. 1.5L Pot, B. 1.75L Pot, C. Strap, D. Lid, E. Handle / PanGrips, F. Windshield (upper), G. Windshield (lower), H. Spirit burner (Spirit stove), I. Gas Hose (Gas stove)

SPIRIT STOVE INSTRUCTIONS

How much fuel? The amount of fuel will depend on whether you add boiling water or need to simmer the food. However, as a guide: Meths – ¾ litre of meths will last 2 people approximately 2 days.

GETTING THE STOVE READY

SELECT A SHELTERED position for the best results and maximum fuel efficiency.

POSITION THE AIR HOLES in the lower windshield towards the wind for good air intake.

FUELING & RE-FUELING

USE TRANGIA'S fuel bottle that has a safety closure and easy-pour feature. The stove must be placed on a firm level surface, at least 3 metres away from flammable items/tents, in a place where it cannot be knocked over. Fuel should not be handled near tents or any naked flames; it is good practice to have a 're-fuelling' area where fuel is handled away from the designated cooking area.

Fill the Spirit Burner from the safe Fuel Bottle by unscrewing the top UP, then holding DOWN the top of the bottle and pouring out fuel into the Spirit Burner. never from a bulk container such as a plastic juice container. (Some spirits are sold in a plastic container, you should transfer into the safe Fuel Bottle before going on Exped). **FILL THE BURNER** with a maximum of 2/3 full. Close the Fuel Bottle by screwing the top DOWN.



NEVER REFILL the burner with fuel before it is completely extinguished and has cooled down. Take great care when re-fuelling the stove, make sure that the flame is completely extinguished (the flame can be invisible, especially in sunlight) and the stove/burner has cooled before removing the burner to re-fill it. The burner should be taken to the fuel bottle, not the fuel bottle to the burner.

LIGHTING THE FUEL STOVE

Place the Spirit Burner into the Windshield (Lower) and carefully light the fuel with Long Matches or a Lighter. Place the Windshield (Upper) on top and secure in place by turning.



USE THE HANDLE to position the supports and other parts once the Burner is Lit. Place your pot with water etc onto the stove for Heating/Cooking.

USE THE LID PAN as a cover for the saucepan to save fuel and shorten cooking time. **YOU CAN ADJUST** the burner's output by using the simmer ring.

NEVER LEAVE the stove unattended and adjust the position of the stove if wind direction changes.

TO EXTINGUISH

To Extinguish the burner: place the simmer ring in the closed position over

the burner. Wait until the Stove has cooled down fully before disassembling the parts. Clean the Stove thoroughly and pack away.



GAS STOVE INSTRUCTIONS

How much fuel? The amount of fuel will depend on whether you add boiling water or need to simmer the food. However, as a guide: Gas – a 230g gas canister will last 2 people approximately 2 days. Approximate burn time for 1 litre of water in still wind conditions - 4 minutes
The Gas burner provides more heat than meths burners without leaving deposits on the pans.

GETTING THE STOVE READY

SELECT A SHELTERED position for the best results and maximum fuel efficiency.
POSITION AIR HOLES in the lower windshield towards the wind for good air intake.



ATTACHING THE GAS CANNISTER

Never use a gas stove that does not use self-sealing cylinders or cartridges. Fit the Gas Hose into the lower windshield by feeding the hose through the inner of the windshield and out of the circular hole on the side of the windshield.

The stove must be placed on a firm level surface, at least 3 metres away from flammable items/tents, in a place where it cannot be knocked over. Stoves should not be handled near tents or any naked flames.



LIGHTING THE GAS STOVE

To light the gas, open the valve and hold a long match or use Flint & Steel just above the burner. You can adjust the flame size, by using the gas valve. This is best done by 2 people, 1 to control the gas valve and 1 lights the burner. As a precaution when using the Gas burner please ensure that the canister is upright, and not laid on it's side, to ensure liquid fuel does not escape into the fuel hose.



Place the Windshield (Upper) on top and secure in place by turning.

USE THE HANDLE to position the supports and other parts once the Burner is Lit. Place your pot with water etc onto the stove for Heating/Cooking.



USE THE LID PAN as a cover for the saucepan to save fuel and shorten cooking time.
YOU CAN ADJUST the cooking temperature by adjusting the gas valve.



NEVER LEAVE the stove unattended and adjust the position of the stove if wind direction changes.

TO EXTINGUISH

To Extinguish the burner: turn the gas valve to the OFF the position and ensure no gas is coming out of the burner. Wait until the Stove has cooled down fully before disassembling the parts. Clean the Stove thoroughly and pack away.

