


INSTRUCTIONS FOR LIGHTING YOUR TILLEY CAMPING STOVE MODEL CS56

USE PARAFFIN (KEROSINE), NEVER PETROL (GASOLINE)




IMPORTANT: No Oil burning apparatus of any kind whatever must be used in a room without ventilation. However an open fireplace or a slightly opened window will give sufficient ventilation.

TO BE READ BEFORE LIGHTING YOUR TILLEY CAMPING STOVE

Car and remove the packing wire holding down the burner cap. Lift burner cap and make sure that the spreader inside is seated correctly in the burner body. When replacing the cap, be certain that it also seats correctly on the bottom of the recess in the burner body. After removing packing materials see that the Control Cock and Vapouriser are tightened firmly with the fingers. DO NOT use pliers.

It is necessary first to understand that Tilley Stoves operate on vapourised paraffin (kerosine). The purpose of the pre-heating is to heat the Burner and Vapouriser, so that when you release the flow of paraffin (kerosine), it changes from a liquid to a vapour and burns as a gas outside the burner cap. Consequently, if you turn on the flow of paraffin (kerosine) too soon, it will be a liquid and burn with a flame, so if this happens, you need only close the Cock again and the flow of paraffin (kerosine) will cease. Also, if you pump too violently at the beginning, there will be more paraffin (kerosine) forced up than can be vapourised when the stove has not had time to warm up very much, and this will cause a flame which can easily be stopped by turning the Control Knob on Cock back to "OFF" . In either case, release all air by unscrewing the pump and pre-heat a second time. You will soon get the knack of lighting the Stove easily with the first pre-heating.

TO LIGHT THE STOVE

1. See that the Control Knob on the Cock is turned to "OFF" .
2. Remove Pump, half fill the Oil Container with paraffin (kerosine). Use Funnel provided. A Dipstick is provided for measuring. Replace Pump. Tighten firmly.
3. Do not pump at this stage.
4. Take the Torch Clip provided and soak in methylated spirit.
5. Clip this to the Vapouriser and lift handle into the slot provided in burner draught shield; ignite torch with a match.
6. After about two minutes when the flame begins to burn low, turn the Control Knob on the Cock to "ON"  and give a few gentle pumps.
7. The Stove will light at the burner cap; check through the sight hole provided in burner draught shield. See that the three by-pass tubes are also alight. If the flame on the torch has been allowed to get too low, the burner and by-pass tubes will not light, and the pre-heating process should be repeated.
8. After a few minutes, continue pumping until the centre of the Pressure Indicator on the Oil Container becomes level with the outer rim. DO NOT OVERPUMP.
9. To extinguish the Stove, simply turn Control Knob to "OFF" . It is not necessary to release pressure, but the pressure should be released before re-lighting.

WHEN THE STOVE IS IN USE

1. For maximum efficiency always use at the correct working pressure. Never allow the stove to run at very low pressures, otherwise a "light-back" may occur, and the burner cap become red hot.
2. When the Stove is in use, it is possible for carbon from the paraffin (kerosine) to get into the jet; the jet is simply cleaned by turning the control knob "OFF" and "ON" quickly whilst the stove is alight. After thus cleaning the jet, be certain that the burner and the three by-pass tubes are alight; if not, use a match. The burner should be re-ignited automatically by the incandescent metal gauze surrounding the cap. Be careful not to damage this gauze, otherwise the efficiency of the burner will be impaired and automatic re-ignition of the jet will be less certain.