

INSTRUCTION MANUAL

Be sure to read this manual before using the stove. Keep this manual for future reference, and review its contents regularly to maintain awareness of procedures and warnings. Failure to follow the warnings described in this manual may result in fire, property damage, injury, or death.

USE OUTDOORS ONLY

! DANGER

ONLY USE IN WELL-VENTILATED AREAS.



CARBON MONOXIDE HAZARD

THIS APPLIANCE CAN PRODUCE CARBON MONOXIDE WHICH HAS NO ODOUR. USING IT IN AN ENCLOSED SPACE (FOR EXAMPLE, CARAVAN, TENT, CAR, MOBILE HOME) MAY CAUSE DEATH.

FOR YOUR SAFETY

If you smell gas

1. Do not attempt to light stove.
2. Extinguish any open flame.
3. Disconnect from fuel canister.

FOR YOUR SAFETY

Do not store or use gasoline or other liquids with flammable vapors in the vicinity of this or any other stove.



Nominal Heat Input Rate:



Certificate
GAS40060
AS2058
SAI Global



INTERNATIONAL NEW ORLANDO
GAS SAFETY CERTIFICATION

Nominal Gas Consumption:

WARNING: IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.

Stove Orifice Size: 0.31 mm

NOTE: Nominal Heat Input Rate, Burn Time and Gas Consumption vary depending on test procedures of the particular standards agency.

Shin Fuji Burner CO.,LTD.

1-1-3 Miyukihama, Mito-cho, Toyokawa-city,
Aichi-pref, 441-0314 Japan
Phone:+81 533 75 5000 FAX:+81 533 75 5033

SOTO USA, INC

Oregon USA
info@sotooutdoors.com
Phone: 503-314-5119
www.sotooutdoors.com

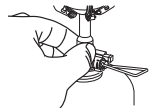
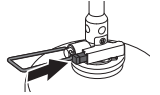
CAUTIONS and WARNINGS

Regarding the fuel canister

- This appliance shall only be used with a Butane 70%/propane 30% mix gas canister certified to EN 417.
- Avoid dangerous fuel leaks by making sure the canister and stove are threaded correctly. Detach the canister after use, and store canister separately.
- Keep stove and fuel canister away from other heat sources.
- Store fuel canisters in a well-ventilated area out of the reach of children.
- How to check if the gas canister is empty: Install appliance onto fuel canister. Open valve to ignite. If no gas flows, the fuel canister is empty. Remove fuel canister from appliance. Gently shake to check for any residual fuel.

Regarding the appliance

- This appliance shall only be used in an above-ground open air situation with natural ventilation -- without stagnant areas -- where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.
- Never use the stove near any kind of flammable materials. Keep all such materials at least 1.2m/4ft away from the sides of the stove and at least 1.5m/5ft away from the top while the stove is in use.
- If abnormal sound/flame is heard or observed, stop using unit immediately and contact your local dealer or SOTO for service.
- Do not use this appliance if it is leaking, damaged or does not operate properly.
- In the event that a leak (smell of gas) is detected, immediately turn the appliance off if in use. Detach the fuel canister from the appliance and make sure that there is no leak or smell.
- If there is a leak from this appliance (smell of gas) and the gas flow cannot be stopped, move the appliance to a well-ventilated location, preferably outside, away from any ignition source. Check for leaks using soapy water. Do not try to detect leaks using a flame.
- Be sure to remove appliance from carrier, pouch, or any other packing material before use.
- Correct Use of Igniter: Press igniter button directly parallel to the ignition unit. Warning: pressing at an angle may result in breakage or malfunction of the unit.
- Installing/Removing Stove from Fuel Canister: Warning: Do not apply excessive pressure to the ignition appliance when turning stove to attach or detach the canister.
- Do not use this appliance where potentially flammable goods are stored.
- When in use, be sure that there is enough oxygen supply and do not cover any of the combustion air openings located on the post of the stove body.
- Do not use the appliance in any way or for any purpose other than described in this manual.
- Prior to use of appliance, be sure to test igniter by pressing the Piezo button. If sparks are not observed, contact your local dealer or contact SOTO for repair.
- To avoid potential harm, confirm that pot supports are in place prior to use by applying pressure to them.
- This appliance is to be operated on a horizontal surface.
- Use only one stove for each pot, and do not allow any vessel to boil dry.
- Changes in pressure at high altitudes may cause difficulty with the Piezo ignition system. Always carry matches or a lighter as a backup.
- After time, parts of the stove may become discolored. This discoloration is natural and does not affect the stove's performance.
- Never use any cookware that has a diameter larger than shown in the illustration. Failure to follow this instruction may cause the cookware to fall from or deform the pot support.



Information

Igniting the OD-1NVE at higher elevations

The atmospheric pressure above 10,000 ft. elevation affects ignition of the OD-1NVE. If there is a wind, it will further affect ignition of the stove. Follow the instructions below under such conditions:

1. Ignite the stove at a location shielded from the wind.
2. Release a small amount of gas, then ignite the stove.

※Higher atmospheric pressure and rain may adversely affect the stove's ability to ignite, or it may cause the ignition system to break. Always bring an emergency lighting source (i.e., matches or a flint lighter).

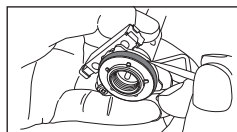
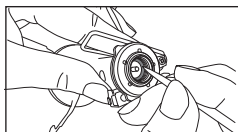
Sound when disassembling the fuel canister

When the fuel canister is removed from the stove, a large pop sound may occur. This is due to the small amount of gas trapped between the two gaskets that are designed to prevent gas leaks.



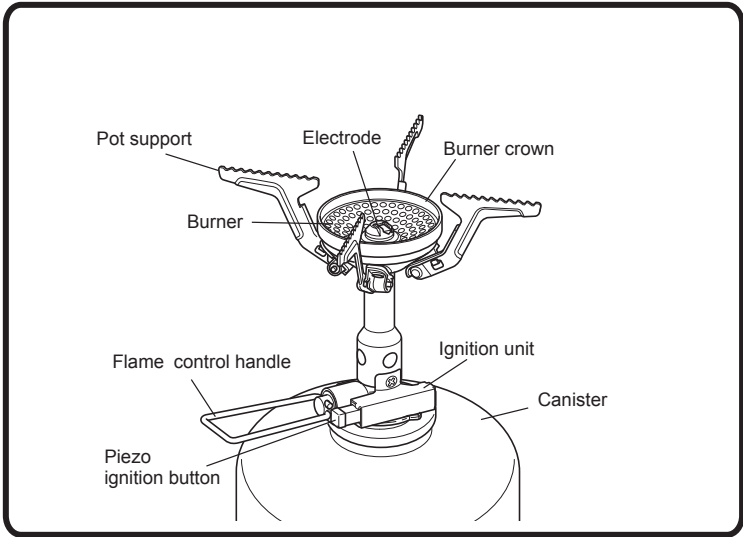
Cleaning and Maintenance

- Make a habit of keeping your stove clean. However, never touch the igniter tip. Doing so may clog the igniter and make the stove difficult to use.
- The product should be maintained and serviced regularly. The O-rings should be replaced every 3 years. The stove's O-ring should be replaced when wear, cracking, or leakage occurs. A damaged or leaking stove must be repaired before use. Please contact your retailer or SOTO if you have any maintenance or repair-related questions.
- Carefully remove O-rings at the base of the unit with a small flathead screwdriver and/or with fingers (as shown in illustration). After gently removing the O-rings, use a soft cloth to remove any dust or debris that may have accumulated. Use fingers and a flathead screwdriver to install the new replacement O-rings.



CAUTIONS and WARNINGS:

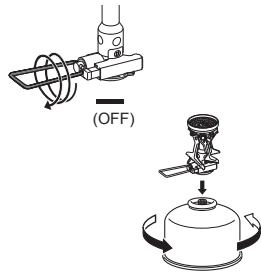
Do not attempt any maintenance, modification, disassembly, or repair other than what is contained in this manual. If you have any questions, please contact your retailer or SOTO. Service and any necessary replacement parts may be obtained by contacting www.sotooutdoors.com. This appliance must only be serviced by an authorized person.



Mounting the Stove

WARNING:
Check that O-rings between the appliance and the gas container are in place and in good condition before connecting the gas canister. Do not use this appliance if it has damaged or worn O-rings. If there is a leak from this appliance (smell of gas) and the gas flow cannot be stopped, move the appliance to a well-ventilated location, preferably outside, away from any ignition source.

1. Turn the flame control handle clockwise to the OFF position to completely shut off the gas feed.

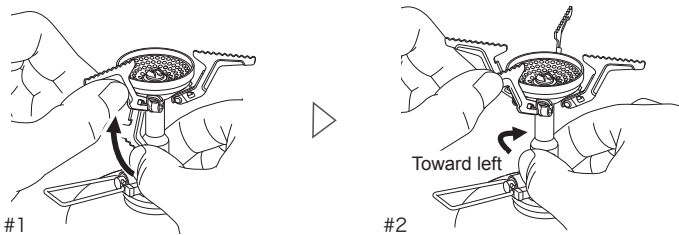


2. Carefully screw the threaded section on the bottom of the stove assembly into the threaded part of the canister. Tighten slightly firm but do not over-tighten.

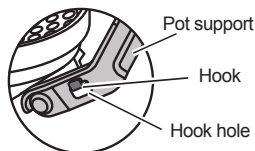
WARNING:
Over tightening can damage the stove or canister valve which may cause fuel to leak. Always check for leaks after installing the fuel canister. Do not light the stove if a leak is detected. Keep stove and fuel out of the reach of children.
Never cover the stove and/or canister with a windscreen, rock or similar item which may cause "overheating". Additionally, do not use the stove near another stove in use, an open fire, or any other heat source. If the stove overheats, it could damage the product and endanger your safety.

Setting the pot-support:

Lift each pot support gently as shown in illustrations #1 and #2. Gently press each pot support to the left while the pot support is being lifted. Secure the opening on the pot support to the hook on the outer wall of the burner head.

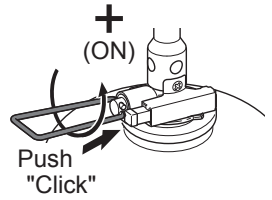


CAUTIONS:
Be sure to secure all pot supports firmly on the hooks located on the outer wall of the burner head. Failure to observe this instruction may cause sudden dropping of the pot support that may result in damage to property and/or bodily injuries.

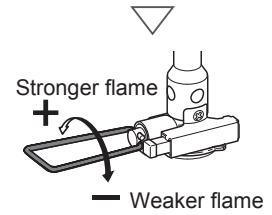


Using the Stove

- Carefully open the valve by turning the control handle counterclockwise (about 3/4 turns) until you hear the sound of fuel escaping. Then press the Piezo ignition button quickly to light the stove.
- If the stove does not immediately ignite, close the valve by turning the control handle fully clockwise. Wait a few seconds and repeat the first step.
- Once the appliance is lit, regulate the intensity of the flame with the control handle. Turn counterclockwise toward + for stronger flame. Turn clockwise toward - for weaker flame. The stove should produce a steady, blue flame.



WARNING:
Do not move the appliance during operation. Never leave a burning or hot stove unattended.
CAUTION: Accessible parts may be very hot.



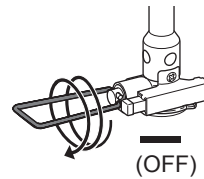
Do not be concerned if the stove makes a high-pitched whistling sound when in use. This is not a defect in the stove. Atmospheric pressure, air temperature, humidity, etc. cause this to occur from time-to-time.

After Using the Stove

WARNING:
Gas canister must be changed or dismantled in a well-ventilated location, preferably outside, away from other people and any sources of ignition, such as naked flames, pilot flames, electric heaters/equipment.
CAUTION:
Do not attempt to touch the appliance when hot. Wait until it is completely cooled off before touching.

Extinguishing the Flame

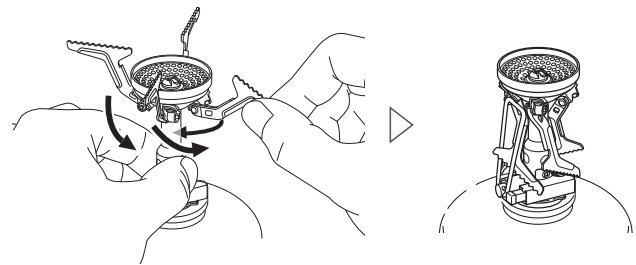
To extinguish the flame, turn control handle clockwise until it stops.



CAUTION:
Do not over tighten the valve system by force. Over-tightening may result in damage to the valve system.

Stowing:

After the stove has cooled completely, stow all 4 (four) pot supports by unhooking each pot support from the hooks. Never touch the stove while it is hot. Touching the stove while hot may result in burning and/or bodily injuries.
When unfolding pot supports, gently adjust each pot support slightly toward the right.



Unscrew the stove from the canister. Place the stove and pot support in the included case for storage.

If the hinge of the pot support becomes hard to turn, apply a small amount of lubricant oil to the hinge. Wipe off any excess lubricant oil.

