

# TAYAMA<sup>®</sup>

## BUTANE GAS PORTABLE STOVE



**MODEL: BDZ-155B**

Before operating this unit, please read these instructions completely.  
Keep for future reference.

## FOR YOUR SAFETY

If you smell gas:

1. Do not attempt to light the appliance
2. Extinguish any open flame
3. Disconnect from fuel supply
4. Evacuate area, call for professional help

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

This stove is equipped for use with butane gas only. Do not attempt to operate this stove at temperatures below freezing (32°F or 0°C)

**⚠ DANGER**



**CARBON MONOXIDE HAZARD**

**ONLY USE IN WELL-VENTILATED AREAS.**

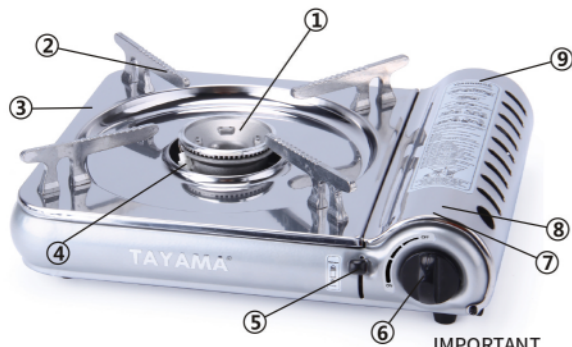
Using this appliance in an enclosed space may cause death.

Do not use in caravans, tents, marine crafts, cars, mobile homes or similar locations.

## 1.SPECIFICATION

Model	BDZ-155B
Type of gas	Butane
Appliance category	Direct pressure-butane
Destination countries	USA&Canada
Nominal heat input (Hs)	8000BTU/2.1kW
Gas consumption	155g/h
Orifice diameter	0.55mm
Maximum diameter of pan to be used(with water)	200mm
Designation of gas container	220 grams

## 2. PARTS DIAGRAM



1. Burner
2. Drip-pan
3. Body
4. Electronic ceramic needle
5. Pressure sensor-lock lever
6. Control knob
7. Auto gas shut-off safety device
8. Valve
9. Cartridge cover

### IMPORTANT

This appliance shall only be used with a butane gas cartridge certified to EN417 or UL147B  
IT MAY BE HAZRDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.  
REMOVE ANY TRANSIT PROTECTION MATERIAL BEFORE USE.

## 3. INSTALLING THE GAS CARTRIDGE

1. Make sure the cartridge locking lever is in the "UNLOCK" position or the gas cartridge cannot be installed. Make sure the control knob is turned all the way clockwise to the "OFF" position. (Fig.1)

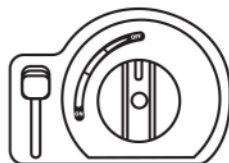
2. Open the gas cartridge cover and insert the cartridge so that the valve tab is aligned with the slot in the cartridge rim. (Fig.2)

Check that the seals between the appliance and the gas cartridge are in place and in good condition before connecting the gas cartridge. DO NOT use this appliance if it has damaged or worn seals. DO NOT use this appliance if it is leaking, damaged or does not operate properly.

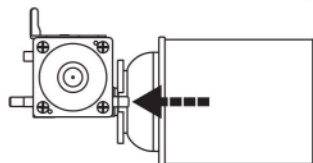
3. Push down on the cartridge lever to the "LOCK" position. (Fig.3)

NOTE: If there is a leak from your appliance (smell of gas and you cannot stop the gas flow, remove the appliance to a well-ventilated location away from any ignitions source. Check for leaks by using soapy water. Do not try to detect leaks using a flame.

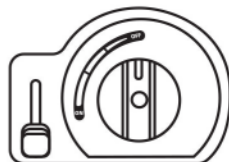
CAUTION: When connecting or disconnecting the gas cartridge, be sure that no external sources of ignition are present.



(Fig.1)



(Fig.2)



(Fig.3)



### WARNING

THE OPENINGS AT THE BASE OF THE BURNER PROVIDE AIR FOR COMBUSTION, THEY SHOULD NEVER BE OBSTRUCTED. IF THE FLAME BECOMES SIGNIFICANTLY ORANGE, CHECK THESE OPENINGS FOR A BLOCKAGE.

IF THE APPLIANCE CANNOT BE ADJUSTED TO PERFORM CORRECTLY, STOP USE AND CONTACT SUPPORT FOR ASSISTANCE.

## 4.HOW TO IGNITE

NOTE: Close the cartridge cover before igniting. Not closing the cover can cause the cartridge to overheat.

- Turn the control knob counterclockwise until you hear a click indicating that a spark has been produced. (Fig 4)
- If the stove does not light, turn the control knob back to OFF position and repeat.
- If after three failed attempts and the stove does not light, turn the control knob to the "OFF" position and move the cartridge lever to the "UNLOCK" position.
- Open the cartridge cover and remove the cartridge. Shake the cartridge to see if it is empty. If empty replace the cartridge and start from Fig.1



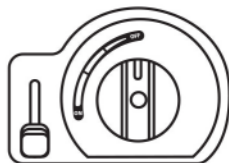
(Fig.4)

## 5.HOW TO ADJUST THE FLAME

Flame can be controlled by turning the ignition knob between the "IGNITION" and "OFF" position.

1. Turn the ignition knob to "OFF" to shut off fuel supply (Fig.5), wait until the flame is fully extinguished before performing the next step.
2. Raise the cartridge lock lever to "UNLOCK" and remove the gas cartridge from the compartment. (Fig. 5)

NOTE: NEVER store or leave the gas cartridge inside the stove when not in use.



(Fig.5)

## 6.STORAGE

1. Replace the cap on the gas cartridge after removing it from the unit. Store upright in a cool dry place.
2. Make sure the burner is cool to touch before packing the stove away. Remove gas cartridge.

## 7.AUTOMATIC SAFETY SHUT-OFF

- When used in high temperature areas, such as the beach during the summer or in a hot room, the internal pressure of the cartridge may rise to more than 500kPa (normal pressure=200-300kPa) This will activate the Automatic Safety Shut-Off device inside the regulator.
- Remove the gas cartridge from the compartment.
- If the stove had been in use and was working properly, the butane can should be cold to the touch. If it is not cold and feels warm, go back to the "Precautions" on the stove use section and confirm if you are using the stove correctly.
- Turn the ignition knob to "IGNITION" to release any excess gas inside the regulator. Repeat the 3 steps for inserting the gas cartridge after it has cooled down.

IMPORTANT WARNING: IF YOU CANNOT FIND THE CAUSE OF THE SAFETY DEVICE ACTIVATION, DISCONTINUE USE AND CONTACT SUPPORT FOR ASSISTANCE.

## 8.MAINTENANCE AND CAUTIONS

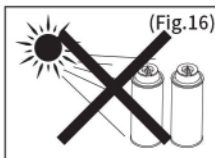
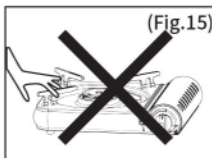
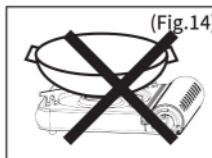
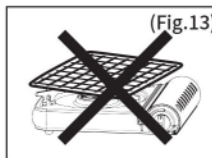
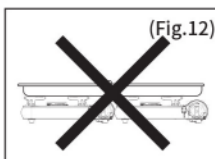
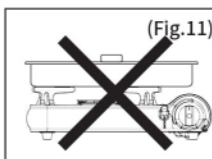
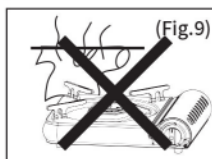
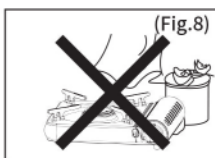
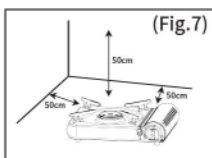
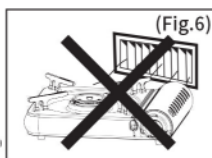
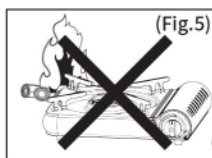
- Do not leave the stove unattended when not in use.
- Do not modify this appliance.
- CAUTION: Accessible parts may become very hot. Always keep young children away from the appliance.
- Keep the stove area clear and free of combustible materials, gasoline or other flammable vapors and liquids.
- Do not obstruct the flow of ventilation and combustion air around the appliance.
- It is recommended to service yearly of the injector gets blocked, it should be replaced by an authorized person.

- Keep your stove clean using a stiff brush to clean the burner head.
- Use a soft cloth to clean greasy parts of the stove with soap and water.
- Keep the igniter and the burner head gap free from debris for easy lighting.
- Clean stove frequently to avoid grease build up and as necessary.
- Burner flame should be blue with hint of yellow tip.



## 9. SAFETY AND PRECAUTIONS

1. This appliance is not for household use, not for commercial use, and only for outdoor use.
2. If the appliance is used indoors, make sure it is used in a well-ventilated space. Improper ventilation may cause injury or death.
3. Do not store butane near high heat, open flame, direct sunlight, or any location that exceeds 40°C (Fig.5-6)
4. Minimum clearance from combustible walls. Not for use on combustible table or floor surfaces.
5. Do not use this appliance under a shelf or at a location where some object may fall abruptly.
6. Do not use this appliance for drying clothes. (Fig.9)
7. Keep the appliance away from any flammable objects which are easy to catch fire. (Fig.10)
8. The pot shall not cover the cartridge cover when using the appliance. (Fig.11) Do not use the appliance to cook food by putting a big pot between two stoves. (Fig.12)
9. Do not use this appliance to catch fire.
10. Do not use this appliance by putting the tray made of asbestos or ceramic pot on it. (Fig.13)
11. Do not heat an empty pan. (Fig. 14)
12. The temperature is very high on the surface when being used. Do not touch it with your hands. (Fig.15)
13. Take out the gas cartridge before checking the appliance.
14. Do not store cartridge in direct sunlight. (Fig. 16)



## 10. CAUTIONS FOR FUEL CARTRIDGE

1. Read the caution printed on the gas cartridge before using.
2. Do not store butane gas cartridges near a heat source, open flame, or any source of ignition.
3. Check the cartridge is empty before removing it.
4. Keep cartridges away from children when not in use.
5. Do not re-fill the gas cartridge.
6. Do not use the stove when the ambient temperature is higher than 35°C or 95°F.
7. Do not use the stove when the cover of the cartridge enclosure is in an open position.
8. Release or disconnect the gas cartridge after every use.
9. Shut-off pressure when the over-pressure safety device will be activated: 4-6 bar
10. Nominal outlet pressure of the regulator: 13kPa

## 11.CLEANING TIPS

- \*Take out the cartridge before cleaning the appliance.
- \*Use damp dishcloth with a cleanser to clean the appliance, then wipe the appliance with a dry dishcloth.
- \*If the holes around the burner are blocked, use a toothpick to wipe off any debris or blockage.
- \*Clean the gas container inside with a brush.

## 12.TROUBLE SHOOT

### CAUSE:

- 1.The switch is not on the “OFF” position.
- 2.The pressure sensor-lock lever is not in the “RELEASE” position.
- 3.The holes around the burner are blocked.
- 4.The electronic ceramic needle is dirty.
- 5.Auto gas shut-off safety device takes effect.
- 6.Gas leakage happens in the valve.
- 7.The gas cartridge is connected with the valve entrance incorrectly.
- 8.The gas cartridge stem and the valve hole are improperly aligned.
- 9.The gas canister is empty or missing from the stove.

### SOLUTION:

- A.Turn the switch to the “OFF” position.
- B.Drawing the pressure sensor-lock lever to the “RELEASED” position.
- C.Clean the burner and wipe off any debris or blockage.
- D.Clean the electronic ceramic needle.
- E.Take out the gas cartridge, allow it to cool, then try it again.
- F.Contact an authorized technician or customer support for assistance.
- G.Connect the gas cartridge with the valve entrance properly.
- H.Insert the gas cartridge so the valve tab is aligned with the slot in the cartridge rim, then press down on the lever to “LOCK” position.
- I.Change the gas cartridge.

CASE	CAUSE.....SOLUTION
Can't put on the gas cartridge	1.....A 2.....B 3.....C
Can't catch the fire	2.....B 3.....C 4.....D 5.....E 8.....H 9.....I
Weak fire	3.....C 9.....I
Flame out happens when using	5.....E 9.....I
Peculiar smell	6.....F 7.....G
Can't draw the pressure sensor-lock lever to LOCK position	1.....B 5.....E 8.....H

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