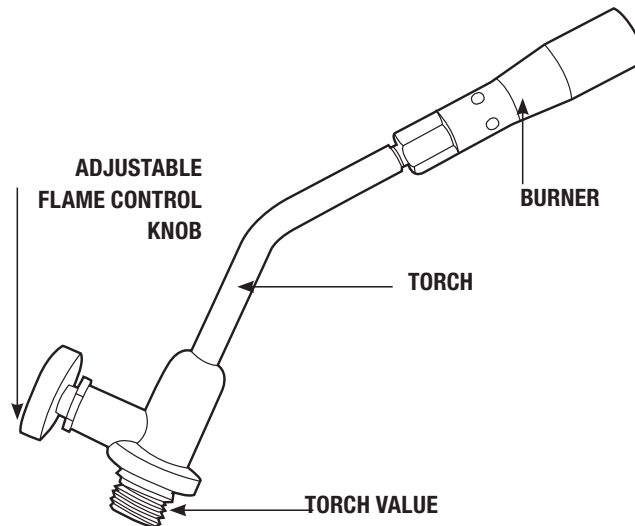


## PRODUCT MANUAL BRASS TORCH AND BURNER WITH BRASS CONTROL KNOB.

PART NO: BJ2100, BJ2101D BJ2102, BJ2144, BJ2145, BJ2146, BK2138 & BK8716



Description: Brass torch and burner with brass control knob. Gas consumption: 460g/h (full flame burner). Certification number: SAI-400096.

### OPERATION

This heating torch should only be used with Propane gas disposable cartridges, with the M14 x 1.5 fitting (Primus Internal), certified to AS2468 or to a larger gas cartridge using the appropriate connections certified to AS2469. It may be hazardous to attempt to fit other types of gas containers.

### TO ASSEMBLE

Note: Before use check seals are fitted correctly and in good condition.

1. Ensure the Adjustable Flame Control Knob is turned off (0) fully clockwise.
2. Keep the cartridge in an upright position and place the Torch on top of the cartridge Primus Internal fitting.
3. Gently screw torch (clockwise) onto the cartridge. CAUTION Do not over tighten.

### TO REPLACE BURNER

1. Unscrew (counter clockwise) the burner using the correct size spanner to loosen the burner via the hex nut.
2. Refit burner and tighten the burner securely using the correct size spanner to tighten the hex nut. CAUTION Do not over tighten.

### TO IGNITE

1. To avoid injury or damage always point the burner away from your body, other persons or objects and any flammable or combustible materials.

Note: It is very difficult to light the torch with the valve fully open. This results in the gas blowing out the ignition source.

2. Turn the Adjustable Flame Control Knob (1) counter- clockwise.
3. Use an external ignition source to ignite the torch burner. If using a match, hold the match at a 120° angle to the burner. If using a sparker open the valve slowly before sparking. Hold the sparker at 45° angle to the burner.
4. Adjust the flame to desired level (1 to increase, 0 to decrease). The hottest most efficient flame will have an inner blue flame of varying length depending upon the burner size.
5. This torch is only designed to be used in an upright position. Never use this torch upside down as this may cause the flame to flare or extinguish.

### TO EXTINGUISH

1. Turn the Adjustable Flame Control off (0) fully clockwise.

CAUTION The burner becomes extremely hot during and after operation. Care must be taken to avoid accidental burns. ALLOW THE TORCH TO COOL.

### TO DISASSEMBLE

1. Follow the EXTINGUISH instructions.
2. Ensure burner has cooled properly.
3. Gently screw (anti-clockwise) the torch from the gas cartridge.
4. Replace the gas cartridge cap to keep the valve clean.

### STORAGE

1. REFER to "HANDLING & STORAGE" details on the gas cartridge label.
2. ALWAYS detach torch from cartridge when not in use.
3. DO NOT store near source of heat, in a vehicle or in a room used for habitation.
4. STORE the torch and cartridge in a safe dry place.
5. DO NOT breathe gas, fumes, vapour or spray. If inhaled, move the person to a fresh air environment.
6. AVOID contact with eyes or skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### MAINTENANCE/SERVICING

Serviceable components/instructions:

The below instructions are all done whilst the torch is NOT connected to the gas cartridge.

Replacing the Jet: Using the correct sized spanner remove the burner from the torch neck rotating the hex of the burner clockwise. Once removed using the same spanner and a small screw driver which is inserted into the air holes of the burner hold the hex of the burner with the spanner and rotate the hex counter clockwise to remove the hex from the burner head. The hex incorporates the Jet, so now just replace the new hex, careful not to overtighten the hex on the burner head. Screw burner back onto the neck tube careful not to overtighten.

Replacing the O-ring: Using a small flat blade screw driver gently pry the old O-ring off. Gently roll the new O-ring over the thread and into place. Making sure it seats in its proper position.

Replacing the flat washer: Using a small flat blade screw driver gently pry the old washer out of its seat. Replace washer making sure it is seated properly in its proper position.

### SPECIFICATIONS

To be used with gas type: Propane gas

Gas consumption: 460g/h (full flame burner)

For gas consumption on smaller burners see specifications on packaging.

Jet size: 0.37mm (full flame burner)



Gas Safety Certified  
AS2658  
Cert. SAI-400096  
SAI Global

### WARNING

ENSURE THAT YOU READ AND FULLY UNDERSTAND THE INSTRUCTIONS AND PRODUCT BEFORE USE.

DO NOT TRY TO USE THIS TOOL WITHOUT FIRST READING AND UNDERSTANDING THE INSTRUCTIONS.

FAILURE TO COMPLY WITH THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN DAMAGE TO PROPERTY, PERSONAL INJURY OR DEATH.

ALWAYS INSPECT THE TORCH BEFORE USE TO ENSURE IT IS IN GOOD WORKING ORDER.

DO NOT ATTEMPT TO USE THE TORCH IF IT IS LEAKING, DAMAGED OR MALFUNCTIONING.

ALWAYS DETACH TORCH FROM CARTRIDGE WHEN NOT IN USE. ONLY USE IN WELL VENTILATED AREAS.

CARBON MONOXIDE HAZARD THIS TORCH CAN PRODUCE CARBON MONOXIDE WHICH HAS NO ODOUR. USING IT IN AN ENCLOSED SPACE, MAY CAUSE DEATH.

OUTDOOR USE ONLY.

NEVER LEAVE THE TORCH ONCE LIT. EXTINGUISH THE TORCH FIRST ENSURING IT IS COMPLETELY OUT AND SAFE BEFORE LEAVING UNATTENDED.

CAUTION ACCESSIBLE PARTS MAY BE VERY HOT DURING AND AFTER OPERATION. CARE MUST BE TAKEN TO AVOID ACCIDENTAL BURNS.

ENSURE FLAME IS COMPLETELY OUT AFTER USE.

PROTECT FROM DIRECT SUNLIGHT. DO NOT EXPOSE TO TEMPERATURE ABOVE 50°C/120°F.

KEEP OUT OF REACH OF CHILDREN.

TO AVOID INJURY OR DAMAGE ONLY IGNITE THE TORCH WHEN CLEAR OF FACE, HANDS, CLOTHING OR COMBUSTIBLE MATERIALS.

ALWAYS INSPECT YOUR ENVIRONMENT BEFORE IGNITING TO ENSURE THE AREA IS CLEAR OF ANY POTENTIAL IGNITION SOURCES OR HAZARDS.

DO NOT DISASSEMBLE, PUNCTURE OR INCINERATE CARTRIDGE AFTER USE. CARTRIDGES MUST BE STORED AND HANDLED IN ACCORDANCE WITH AS1596.

CONTAINS FLAMMABLE GAS UNDER PRESSURE.

CAUTION FOR MAXIMUM PROTECTION, ALWAYS WEAR SAFETY GOGGLES, GLOVES AND OTHER APPROPRIATE SAFETY EQUIPMENT.

AVOID CONTACT WITH EYES OR SKIN. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.



CAUTION: For maximum protection, always wear safety goggles, gloves or other appropriate equipment