

# SWIVEL HEAD TORCH KIT

## ASSEMBLY

1. Make sure Flame Control Valve is OFF by turning in direction of arrow until hand tight only. DO NOT FORCE.
2. Turn fuel cylinder counter-clockwise into valve body until hand tight. DO NOT FORCE.

## OPERATION AND LIGHTING

1. Use only high standard MAP or Propane gas.
2. Make sure the Flame Control Valve is fully closed.
3. Shake gas cylinder a few times to warm the fuel up.
4. Turn the Flame Control Valve counter-clockwise until fully open.  
**NOTE: If the valve is only partly open, it may cause the flame to ignite internally which will damage the torch.**  
The gas will flow out of torch tube with a slight hissing sound.
5. Press the Ignition Button and the flame will ignite instantly.

## FLAME ADJUSTMENT

1. Turn the Flame Control Valve to control the gas output according to how much flame you need.
2. The maximum heat zone is very concentrated. It is located between 10-25mm from the end of the tip. Holding the torch too close or too far away from the target can reduce the heating effect.

## COLD WEATHER OPERATION

In cold weather, the size of the flame can be smaller due to lower gas pressure. To produce a larger flame, pre-warm the gas cylinder to room temperature prior to use. Shaking the gas cylinder a few times to warm the fuel up will help. There is a possibility that the flame will extinguish when the torch is turned upside down in cold weather.

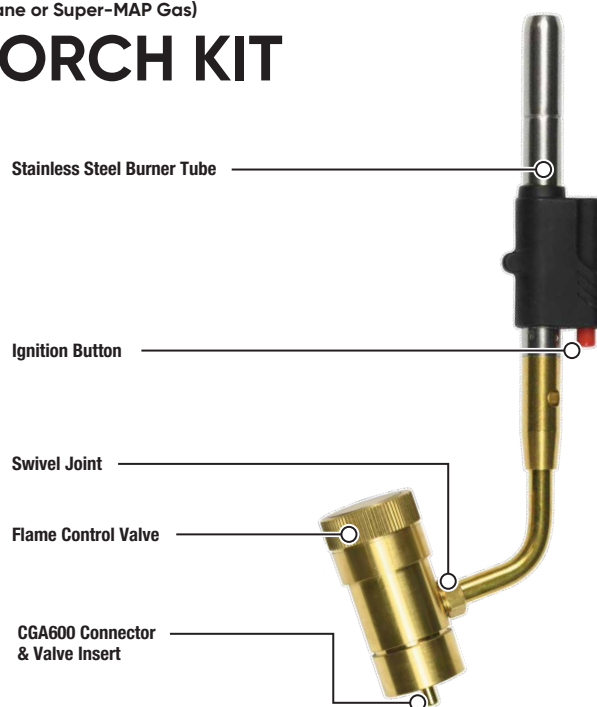
## TURNING OFF AND STORAGE

REMOVE CYLINDER FROM TORCH WHEN NOT IN USE.

1. Turn the Flame Control Valve off. Note: The flame may continue to burn for a short period of time if the torch has been operated in an inverted (upside down) position.)
2. When torch is cool, turn gas cylinder clockwise from valve body to disconnect then store torch and cylinder separately. Observe cautions on cylinder label.

## WARNING

- Extremely flammable contents under pressure.
- Keep out of reach of children.
- Keep away from heat or flame.
- It is illegal and dangerous to refill the cylinder. Obtain a new gas cylinder.
- Avoid prolonged exposure to sunlight.
- Do not store near heat or in a room used for habitation.
- Always close torch valve and wait at least 30 seconds before removing the torch from the gas cylinder.
- Always detach the gas cylinder from the torch when not in use.
- Do not breath in gas, fumes, vapor or spray.
- If inhaled, remove affected person to fresh air.
- Avoid contact with skin and eyes. If skin contact occurs, flush with a large amount of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance.
- When the gas cylinder is empty, discard in a safe place. Do not throw in fire. Do not puncture or incinerate the container.
- Do not throttle the torch down. Operation at low flows will cause the torch to overheat and damage.
- The gas cylinder contains gaseous and liquid propane. If the torch is moved rapidly, tilted too far to the side or upside down, the liquid can enter the valve and cause the flame to flare or extinguish.
- Make sure the torch is cool before moving the unit.



## GENERAL SAFETY RULES

1. Do not use this torch until you have understood all of the operating instructions and cautions and familiarise yourself with the torch before you use it. Deviating from these procedures may result in fire, explosion, property damage and/or operator injury. Do not try to operate before reading instructions.
2. The use of other than Super-MAP or Propane with this torch may cause a fire or explosion.
3. Wait for the torch to cool down before tightening or removing torch head and before installing or removing accessories.
4. Do not point the torch towards your face, other persons or flammable objects. Never attempt to use the torch as a cigarette lighter.
5. Disconnect gas cylinder when not in use. Never store with torch attached to the gas cylinder.
6. Do not attach or detach the torch from the cylinder where accidentally released gas might be ignited by open flames.
7. Never attempt to modify the torch construction and never use unapproved fuel.
8. Treat the torch as you would any fine tool or instrument. Torches improperly operated, maintained or repaired can be dangerous. Improper use, service repair or modification of the torch could result in damage to the product, property damage or personal injury to the operator.
9. Do not use a leaking, damaged or malfunctioning torch.
10. Work only in well-ventilated areas.
11. Always place your work on firebrick. Ordinary brick and concrete can explode when subject to a high temperature. Do not work on wood or metal surfaces. Always shield your work.
12. Always wear protective glasses and gloves. Use proper tools to handle hot work.
13. Be aware that the tip of the torch can get extremely hot during use. Be especially careful around motor vehicles or any gasoline-powered products and beware of hidden fuel lines and tanks.
14. Always make certain the torch is placed on a level surface when connected to the gas cylinder to reduce the risk of accidental tip over. Be sure torch is not pointed in a direction which could cause nearby objects to be burned when torch is set down.
15. When thawing pipes, be careful not to overheat surrounding parts.
16. Always have a fire extinguisher and a bucket of water near the torch and work area. Do not place them in the flame path or location where you could not reach them should a fire break out.

# KEEP THESE INSTRUCTIONS