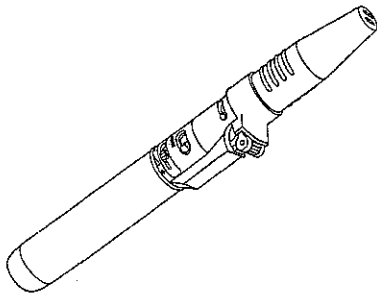




- OPERATING INSTRUCTION -

TMD48 Multipurpose Soldering Tool Kit
Complies with the Safety Standard of U.S.CPSC



ATTENTION: This unit comes without fuel. Please follow the gas filling instruction to make it operational.

USE HIGH QUALITY BUTANE GAS ONLY.

GAS FILLING AND REFILLING

- 1.1 Ensure the Switch is turned to the 'OFF' position before refilling.
- 1.2 Reverse the unit, insert the butane refill's nozzle vertically into Filling Valve located in the center of the unit to refill the gas.
- 1.3 When the gas begins to overflow from Filling Valve, remove the nozzle from the Filling Valve.
- 1.4 After refilling with gas, wait for approx. 2 minutes, so the gas in the cylinder can be stable. (Please see figure 1)



figure 1

IGNITION

The unit comes with the standard soldering tip already installed along with a catalyst housing.

- a. First, turn the CHILDREN RESISTANCE LOCK upward with thumb till the STOPPER on the Lock clears out of the cover of the tool unit and hold it. (Please see figure 2)
- b. Then, press the TRIGGER downward to ignite the tool unit. (Please see figure 3) In this moment, the gas is released and the piezo is pressed down and cause a spark to ignite the gas.

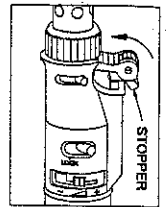


figure 2

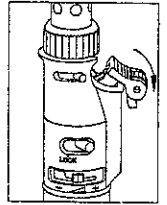


figure 3

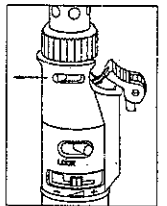


figure 4

If you want to work as a soldering iron or use with accessory tips, after the torch has been ignited, wait approx. 3 seconds, you can see the Soldering Head becomes red, then move the SHUT OFF LEVER to the left and release it (The lever will automatically spring back). The naked flame will be shut off, but the gas will continue burning without naked flame. (Please see figure 4)

CONTINUOUS FLAME WORKING

- a. While the torch is ignited, move the CONTINUOUS WORKING LOCK to the left. In this moment, the flame will be keeping even the TRIGGER is released. (Please see figure 6)
- b. Move the CONTINUOUS WORKING LOCK to the right to shut off the flame. (Please see figure 8)

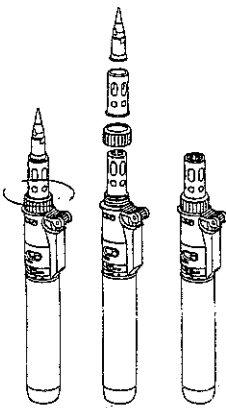


figure 5

If you want to use the unit as a torch without any of the accessories, remove the catalyst housing by unscrewing the "FLAME GUARD NUT" and remove it from the torch. (Please see figure 5)

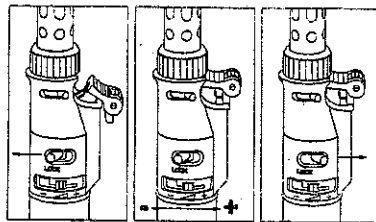


figure 6

figure 7

figure 8

FLAME LENGTH OR TEMPERATURE ADJUSTMENT

After ignition, turn the FLOW CONTROL KNOB to right to increase the flame length of the torch or the temperature of soldering tip or hot air, to left to decrease the flame length or the temperature. (Please see figure 7)

SHUT OFF

- a. The torch will shut off when you release the Child Resistance Lock.
- b. Move the CONTINUOUS WORKING LOCK to the right to shut off the flame if the unit is in Continuous Flame Working mode. (Please see figure 8)
- c. Please make sure the unit is completely cool before putting protective cap on or putting back to its storage case.

HOW TO FIT OR REPLACE DIFFERENT ACCESSORIES

NOTE: ALWAYS ALLOW UNIT TO COOL BEFORE REMOVING OR REPLACING TIPS.

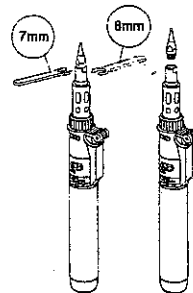
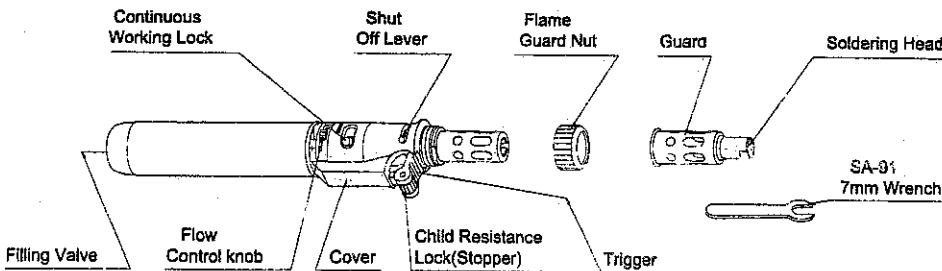


figure 9

With 7mm Wrench on the Soldering Tip or Hot Blow Head and 8mm Wrench on the Soldering Head, you can tighten Tip or Hot Blow Head or unscrew them. (Please see figure 9)



ST-21	ST-22	ST-23	SH-32	SH-42	SH-52
Standard Tip	3mm Diagonal Tip	3.5mm Chisel Tip	Hot Knife	Hot Blower	Reflector

- ⚠ DANGER - EXTREMELY FLAMMABLE CONTENTS UNDER PRESSURE.
- ⚠ CONTAINS FLAMMABLE GAS UNDER PRESSURE.
- ⚠ DO NOT USE NEAR SPARK OR OPEN FLAME.
- ⚠ DO NOT PUNCTURE OR INCINERATE CONTAINER OR STORE AT TEMPERATURES ABOVE 120°F.
- ⚠ KEEP OUT OF THE REACH OF CHILDREN.
- ⚠ DO NOT TRY TO DISASSEMBLE THE UNIT.