

Safety Data Sheet Specification:

Name: Core Torch

Model: TC-Core-06

Size: 213.5X86.5X36.5MM

Weight: 0.617 lbs / 279g

Consumption of gas: 10.5 KW

Maximum temperature: 1982°C / 3600°F

Ignition method: automatic piezoelectric ignition

Injector diameter: 0.4 MM

Type of gas: Propane or MAPP

Specification of propane gas cartridge: 16oz / 453.6gm

Manufactured by United Brands, Inc., 170 Associated Rd., S. San Francisco, CA 94080

Tel: 1-800-500-0583



Direction of Use:

1. Please read all instructions and warnings before using the gas torch.
2. Attach the torch to the propane or MAPP gas cylinder using the hand-tighten method only and ensure proper sealing.
3. To ignite the torch, slightly loosen the red fuel valve on top. Then push the igniter until the torch lights.
4. To shut off the torch, turn the gas flow control knob in clockwise direction to stop.
5. Adjustment of flame: you may increase gas flow and flame length by turning the gas flow control knob in counter-clockwise direction.

Care and Use instructions:

Warning: READ ALL CARE AND USE INSTRUCTIONS THOROUGHLY BEFORE USING THE TORCH AND RETAIN FOR FUTURE USE.

To clean, ensure torch is in the flame lock “off” position and cool to touch. Wipe main body and stand with damp cloth and dry immediately.

Advice on how to store the appliance when it is not in use: Remove the torch to avoid the shade.

The torch can only be used after the gas tank is rotated counterclockwise until it cannot be rotated. After use, please rotate the gas tank clockwise to remove the torch.

CAUTION: EXTREMELY HOT FLAME

1. Accessible parts may become very hot. Keep young children away from the torch.
2. Butane and MAPP gas is extremely flammable, please handle with care.
3. Always point away from face and body when igniting or operating the torch. The flame may be difficult to see, so work with care.
4. DO NOT touch flame guard/nozzle during or after using with hands or any other combustible materials, until nozzle has cooled.
5. DO NOT use torch continually for longer than one hour.
6. Do not leave lit torch unattended.
7. Make sure that the “Flame Adjuster” is firmly closed and the flame is completely extinguished after use.
8. Allow torch to cool completely before storing.
9. DO NOT store under direct sunlight or in any area where temperature exceeds 40°C/104°F

10. Never puncture or put in fire. Do not disassemble torch.
11. Do not use the torch if it has damaged or worn seals.
12. Do not use a torch that is leaking, damaged or does not operate properly.
13. If there is a leak on your torch (smell of gas), take it outside immediately into a well-ventilated flame-free location where the leak may be detected and stopped. If you wish to check for leaks on your torch, do it outside. Do not try to detect leaks using a flame, use soapy water.
14. Do not modify the torch.
15. Use only in a well-ventilated area
16. Check that seals (between the appliance and the gas cartridge) are in place and in good condition before connecting to the gas cylinder.
17. The appliance shall be used away from flammable materials and keep minimum distances 1 M from adjacent surfaces (wall, ceiling).
18. This appliance may be used with cylinders marked "Propane" or "MAPP" complying with EN 417.
19. The gas cartridge shall be filled in a well-ventilated location, preferably outside, away from any sources of ignition, such as flames, pilots, electric fires and away from other people.
20. Important: Read these instructions for use carefully so as to familiarize yourself with the appliance before connecting it to its gas cartridge or gas cylinder. Keep these instructions for future reference.
21. The gas cylinder shall be changed in a well-ventilated location, preferably outside, away from any sources of ignition, such as flames, pilots, electric fires and away from other people.
22. The gas cartridge shall be filled in a well-ventilated location, preferably outside, away from any sources of ignition, such as flames, pilots, electric fires and away from other people.
23. Ensure the supply of combustion air.
24. Avoid the dangerous building up of un-burnt gases.

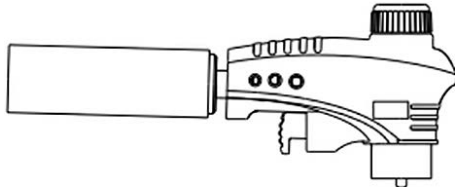
Operating Instructions for Replacing Gas Cylinder:

1. Check that burners are extinguished before disconnecting the gas cartridge or gas cylinder.
2. Rotate the gas cylinder clockwise to remove the torch.
3. Check the seals before connecting a new gas cartridge or gas cylinder to the appliance.
4. Change the gas cartridge or gas cylinder outside and away from people.
5. Rotate the gas cylinder counter-clockwise to connect the torch.

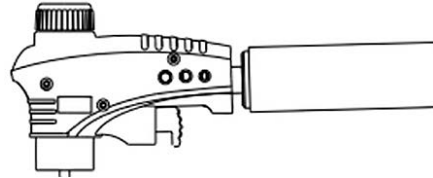
Check that seals (between the appliance and the gas cartridge) are in place and in good condition before connecting to the gas cartridge. Please contact the dealer for replacement when the performance of the seal ring becomes poor.



FRONT DRAWING



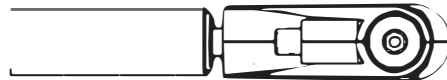
BACK DRAWING



UP DRAWING



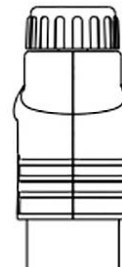
BOTTOM DRAWING

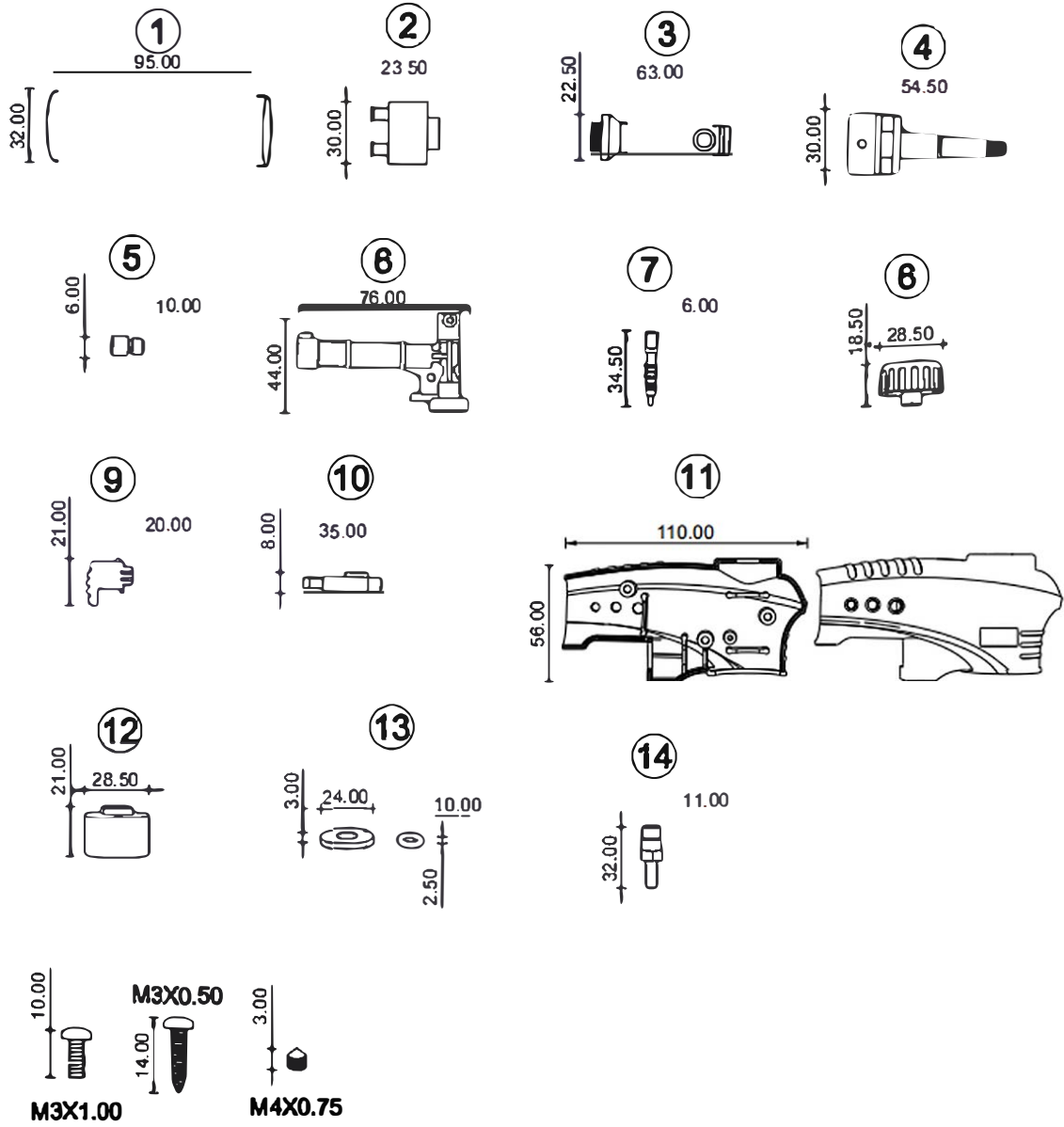


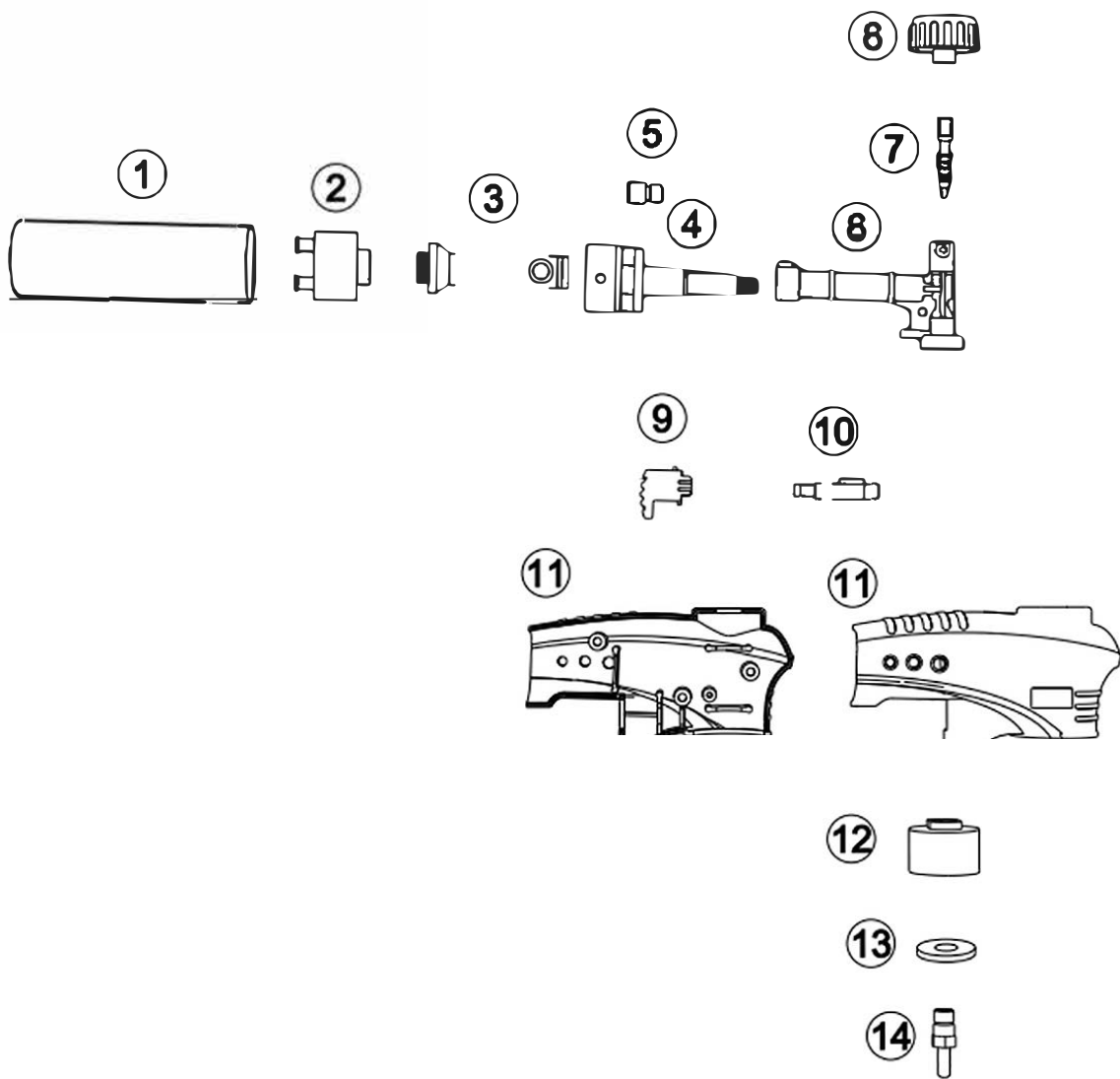
LEFT DRAWING



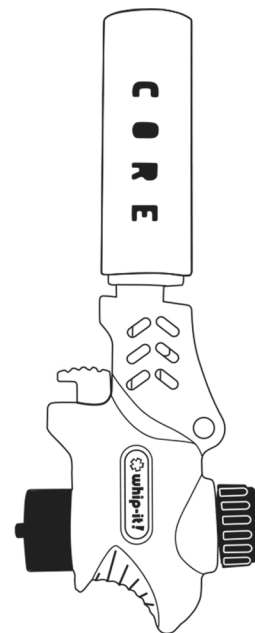
RIGHT DRAWING



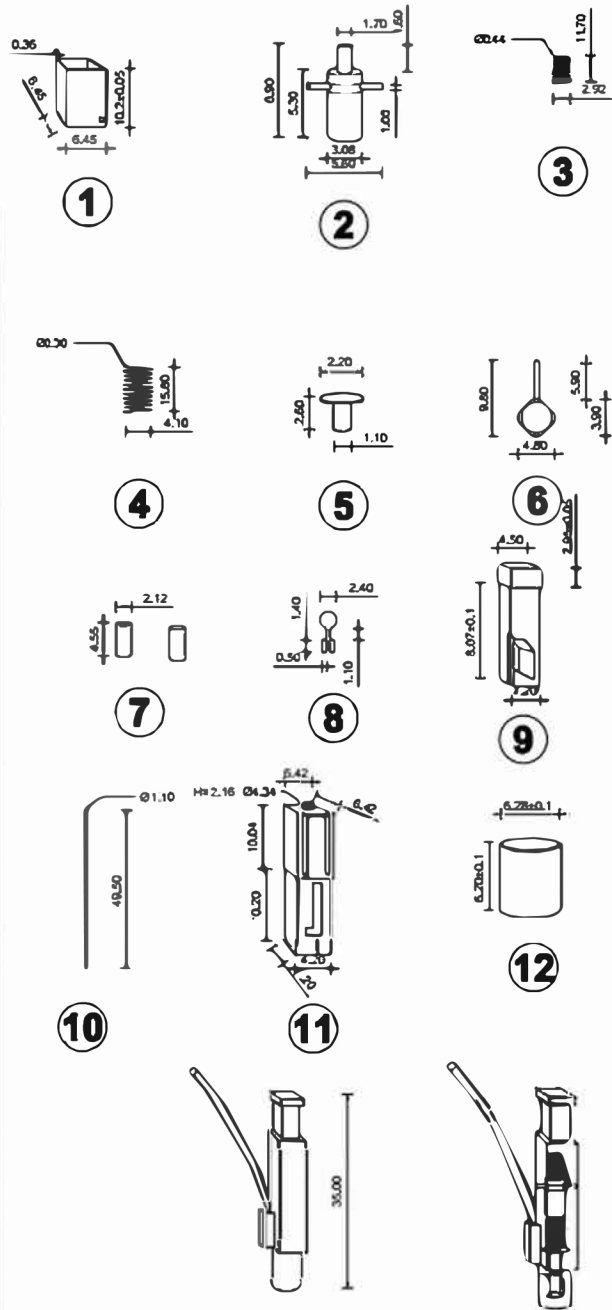




NO.	NAME	WEIGHT	SPECS	MATERIAL
1	Barrel	59.0±0.1	95.00X32.00	204 stainless steel
2	Nozzle	28.7±0.1	23.50X30.00	Copper
3	Aluminum nozzle	15.1±0.1	63.00X22.50	Aluminum
4	Zinc die castings	30.3±0.1	54.50X30.00	Zinc
5	Pagoda	1.4±0.1	10.00X6.00	Copper
6	Middle shelf	41.5±0.1	76.00X44.00	Zinc
7	Regulating valve	4.5±0.1	6.00X34.50	Copper
8	Adjusting knob	4.4±0.1	28.50X18.50	ABS
9	Electronic Clip	2.0±0.1	20.00X21.00	ABS
10	Electronic	3.5±0.1	35.00X8.00	ABS
11	Shell	35.6±0.1	110.00X56.00	ABS
12	Copper head	34.7±0.1	28.50X21.00	Copper
13	Seal ring	1.6±0.1	24.00X3.00 10.00X2.50	Nitrile
14	Large thimble	7.2±0.1	11.00X32.00	Copper
15	Screw	3.4±0.1	M3X1.00 M3X0.50 M4X0.75	Steel
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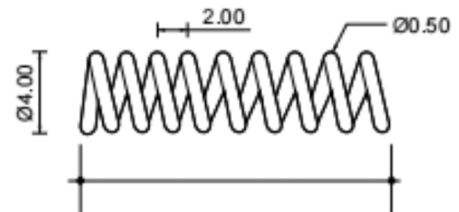


NO.	NAME	SIZE	PRESS
1	PLASTIC SERIES		
2	HITTING IRONWORK		
3	PRESSURE SPRING	6P	
4	RECOVERY PLACE SPRING	1P	
5	HITTING HEAD RIVET		
6	CONNECTION LAND SHEET		
7	PRODUCE ELECTRICITY POTTERY		
8	CONNECTION WIRE SHEET		
9	BUTTON		
10	IGNITION WIRE		
11	ELECTRONIC SEAT		
12	COPPER CAP		
REMARKS	10-10.5 Pound		

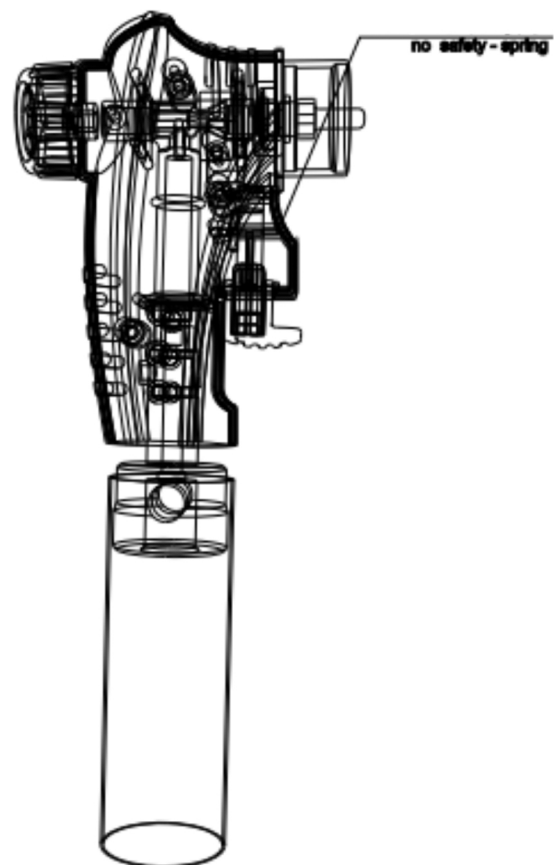
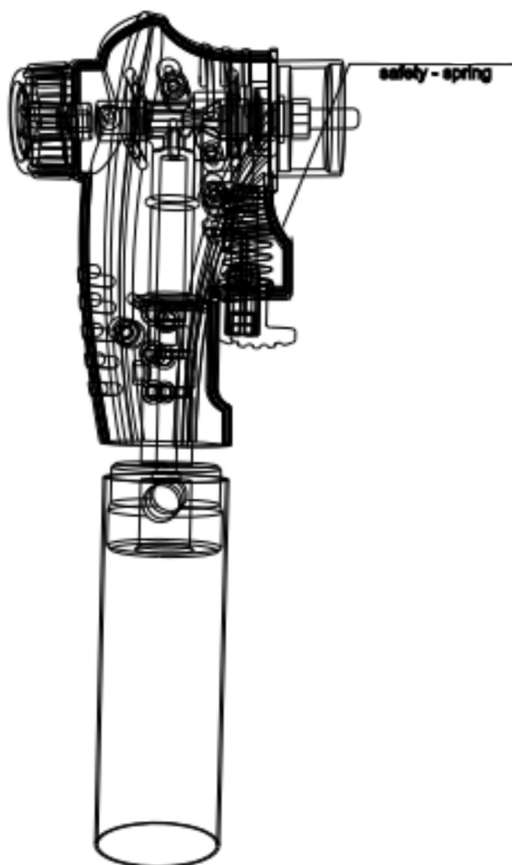


PRESS UNITS: (P) UNITS: mm

The total plunge force of the prototype is 10-10.5 pound.
The force strength provides the spring.
recovery place spring and the rod protocol of
the jumping sheep in the gas box.



Safety - spring:
Material: Carbon - steel- wire.
Drawing Scale:2:1



TECHNOLOGY STATEMENT:

1. There is not a safety - spring in the right - drawing. All resistance of lighter - operated is 1.5KG(3.31b), provided only by ignition - spring.
2. There is an additional safety - spring in the left-drawing. To press this spring 5mm, the resistance strength is 2.5kg(5.51b), plus the ignition spring 1.5KG(3.31), the resistance is 4.0KG(8.811b). Additional, plus the friction 0.15-0.3KG(0.3-0.6b), so the total resistance is 4.5-4.8KG(10-10.5b). (Children younger than 72 months are hardly able to operate the lighter which resistance is 4.5 -4.8KG)