

### Caution

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### Guarantee



**TOOL**  
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# LASER®

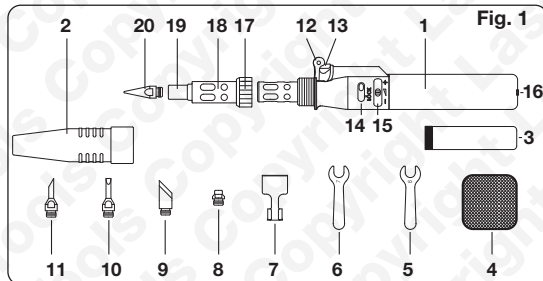
## Instructions



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## Gas Soldering Tool Kit

An ideal multi-purpose butane-powered gas torch / soldering iron, that is portable and lightweight, and suitable for soldering, heating, shrinking insulation (heat-shrink), hot knife cutting and many other applications. It features piezoelectric ignition and is supplied with a variety of attachments plus a safety cap for storage (refer to **Fig. 1**).



Ref	Description
1	Soldering/Heating torch
2	Protective cap
3	Solder dispenser
4	Foam pad for tip cleaning
5	Wrench 8mm
6	Wrench 7mm
7	Heat shrink deflector
8	Hot blower
9	Hot knife
10	3.5mm chisel tip

Ref	Description
11	3mm diagonal tip
12	Gas trigger/igniter
13	Safety lock
14	Shut-off lever
15	Gas flow control
16	Gas filling valve
17	Clamping collar
18	Heat guard
19	Soldering head
20	Standard fine soldering tip

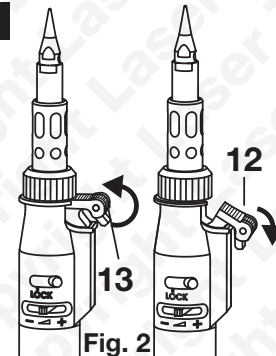
### Gas filling & refilling:

- Use only high quality butane gas to fill the torch.
- If applicable, let the torch fully cool down before gas filling.
- Ensure the trigger (12) is turned to the OFF position before filling.
- Invert the unit; insert the gas container's nozzle vertically into filling valve (16).
- When gas escapes from filling valve, remove the nozzle from the filling valve.

## Ignition:

The unit comes fitted with the standard fine soldering tip fitted to the torch.

1. Refer to **Fig. 2** - using your thumb, rotate the safety lock (13) upwards so that the locking tang swings out and away from the body of the torch.
2. Then press trigger/igniter (12) down to ignite the gas.
3. Approximately three (3) seconds after ignition, the catalyst can be seen through the hole in the attachment and glows red as it heats up.
4. Move the shut-off lever (14) to the left to keep the gas flowing to the soldering head. Then the trigger/igniter (12) can be released.



### To switch off:

1. Move the shut-off lever (14) to the right; this switches off the flow of gas.
2. Make sure the unit is completely cool before fitting the protective cap (2) or replacing back into storage case.

### Use as Gas Torch:

To use as a gas torch without any of the attachments, remove the heat guard (18) and catalyst housing / soldering head (19) by unscrewing the clamping collar (17). Then ignite as explained in section above.

### Flame length or temperature adjustment:

Once ignited, either using as a gas torch, or with one of the attachments fitted, the flame length or attachment temperature is adjusted by the gas flow control (15), maximum flow achieved when the control is positioned to the right. Only use the minimum flame required for the job in hand.

### Fitting or changing attachments:

**Note:** Always allow unit to cool before removing or replacing soldering tips or attachments.

- Use either the 7mm or 8mm wrench to tighten or unscrew attachments.

### Foam pad for tip cleaning:

The foam pad for tip cleaning is initially supplied dry. Add a small amount of water to the foam pad before use and allow foam to expand. When using the soldering attachments wipe the tips clean regularly on the foam to keep them free of excess solder and oxidation.