



Ronin

Perfect Burn Tip

Instruction Manual

“Original Instructions”



WARNING:

To avoid electrical shock, do not open or modify any soldering irons. Refer servicing to original equipment manufacturer of soldering iron only.

Caution:

Modification of controls or adjustment or performance other than specified by procedures herein may results in injury or fire.

You are cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment or void any warranty.

If you have questions about this product, visit www.changeyourelevation.com/contact/ or contact Ronin Customer Service at 657-444-2557. You can also write to,
Ronin
Customer Service/Technical Support
600 S. Jefferson St Suite D
Placentia CA 92870 USA

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Precautions:

Before using this product, carefully read this manual and retain it for future reference.

Safety:

This product has been designed with the highest concern for safety. However, this is used with an electrical device and has the potential for causing fire, electrical shock or personal injury. To help ensure accident-free operation, follow these guidelines:

- Observe all warnings, precautions, and instructions from this manual and the user manual from the manufacturer of your soldering iron.
- Stop use, unplug AC power cord from electrical outlet immediately if your soldering iron functions in an abnormal manner, produces unusual sounds or smells, become too hot to touch, or battery becomes swollen/bloated
- Do not handle damaged or leaking lithium-ion batteries if your soldering iron is rechargeable.

Prior to using the Perfect burn Tip be sure to read your soldering iron manufacturers user manual carefully.

Use and Handling:

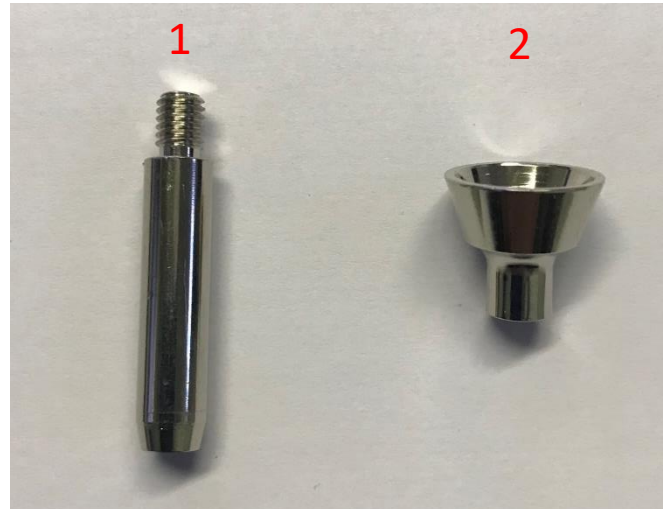
- Do not use Perfect Burn Tip without burn resistant gloves and safety glasses. Not doing so may cause serious injury or burns.
- Inspect all equipment prior to each use. Be sure the Perfect Burn Tip is screwed on fully and not loose.
- Make sure you are not around any water sources during use.
- Be careful when transporting the soldering iron with perfect burn kit installed. If you do not have a good grip, the device may drop causing potential damage or burns
- Keep the device, accessories, and any small components out of reach of children.
- Stop using the device immediately if you begin to feel tired or if you experience discomfort in your hands, arms or legs while operating the device.
- If you experience any of the following health problems, discontinue use of the device immediately. If symptoms persist, consult your doctor.
 - Dizziness, nausea, fatigue, or symptoms like motion sickness
 - Discomfort or pain in a part of the body, such as hands, arms, or legs
- Do not place device on the floor or in a place where it may come into contact causing burns or starting a fire
- Do not rest device on surface that are unstable, tilted or subject to vibration

Product Overview:

Perfect Burn Kit

1 – Perfect Burn Adapter

2 – Rope Burner Tip



Soldering Iron Compatibility:

There are various soldering irons that are compatible with the Ronin Perfect Burn Tip.

It is important to use the correct soldering iron or the following issues could arise...

- 1) The Perfect Burn Tip may not fit onto the soldering iron
- 2) The temperature of the soldering may not properly heat the tip to required temperature required for melting the rope.

There are many soldering irons out in the marketplace that are adaptable to the Perfect Burn Tip. The general outline for which you are looking for is a soldering iron with the following:

- 1) The tips are replaceable
- 2) The replacement tips work off the heating filament style soldering iron (See Figure 1 below).
- 3) The soldering iron can reach temperatures up 650° F

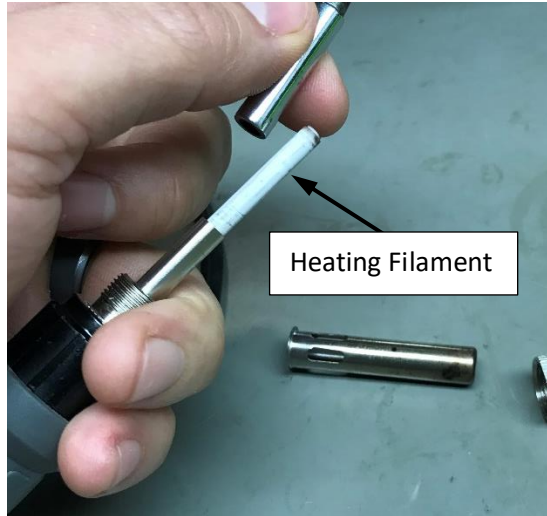
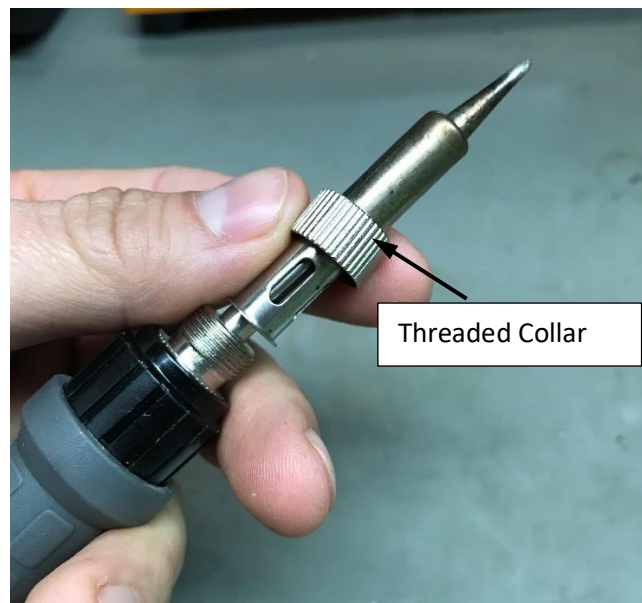


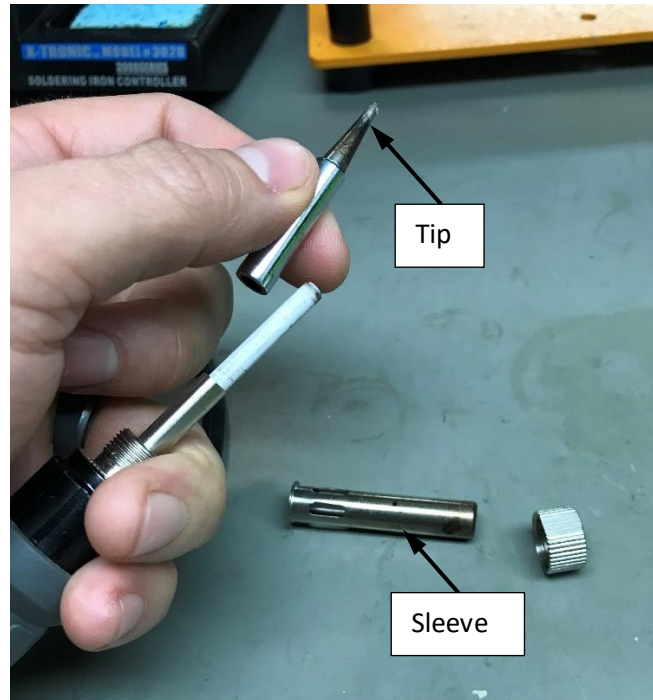
Figure 1 Soldering Iron Heating Filament

Installation Instructions:

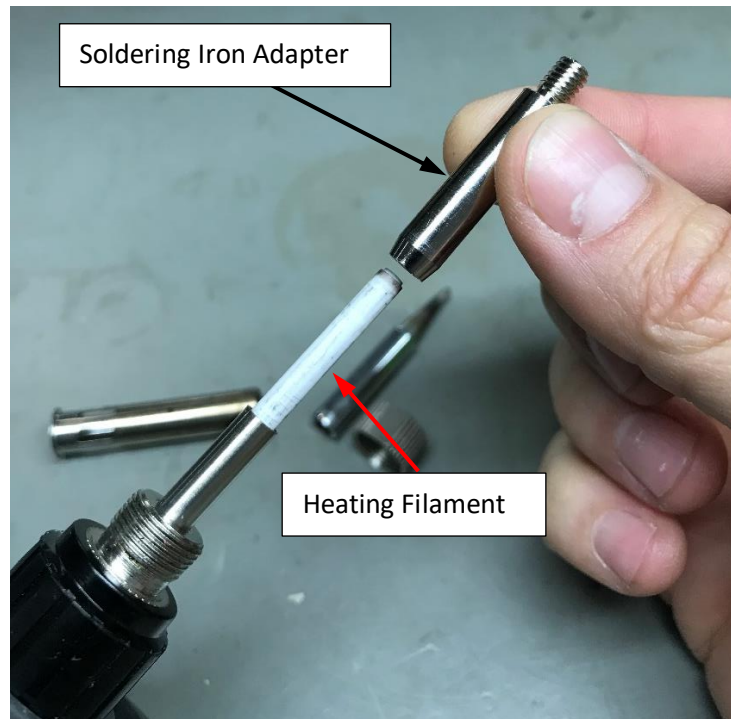
Step 1) Remove the threaded collar on the soldering iron tip.



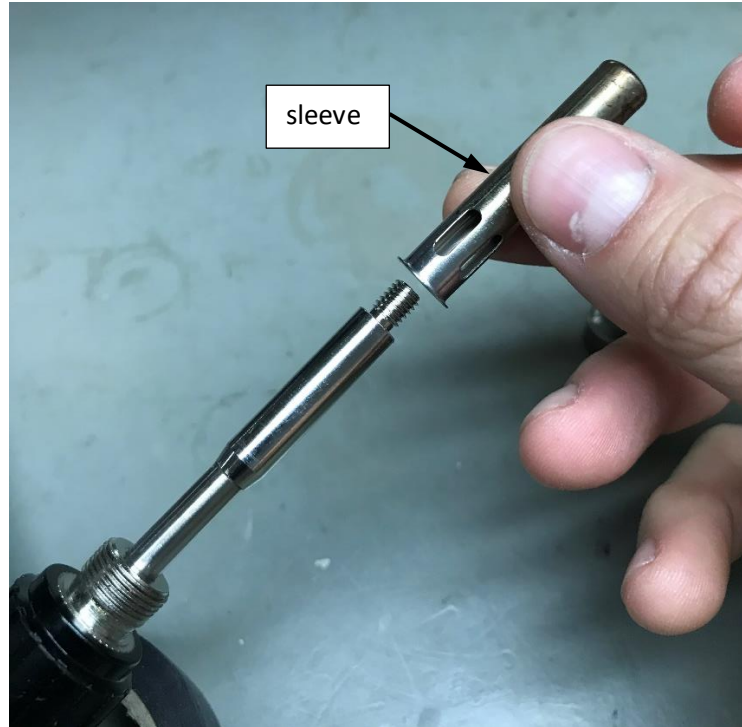
Step 2) Remove the soldering iron sleeve and tip.



Step 3) Install Perfect Burn Soldering Iron Adapter over the soldering iron heating filament.



Step 4) Install soldering iron sleeve over Perfect Burn Soldering Iron Adapter.



Step 5) Install threaded collar over sleeve and secure in place.



Step 6) Install Perfect Burn Rope Burner End onto Perfect Burn Soldering Iron Adapter, P/N 200002, by screwing it completely on.



Perfect Burn Rope Preparation Instructions (Kernmantle Rope):

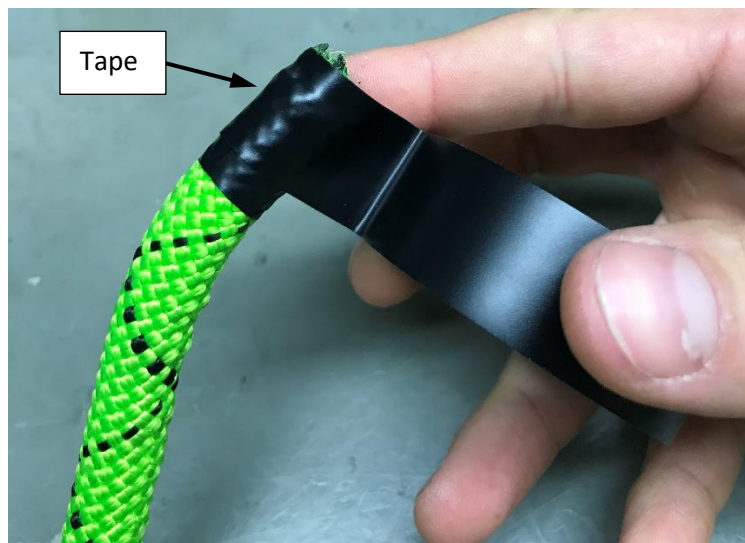
Step 1) With the Perfect Burn Tip installed onto the soldering iron...turn the soldering on.

Note: Since the Perfect Burn Tip is adaptable to many different soldering irons the power switch may be in a different location or different type of switch. Additionally, some solder irons do not have temperature control. If your solder iron does not have temperature control you will need to let it heat up for approx. 90 seconds.

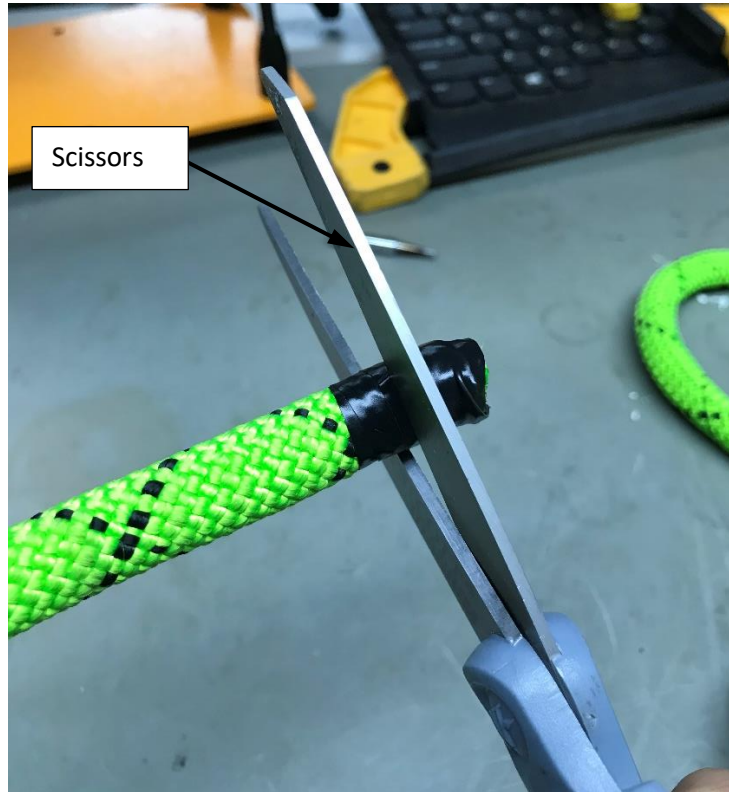
WARNING: Too avoid injury or fire, be sure the soldering iron tip does not come into contact with skin or any flammable objects.



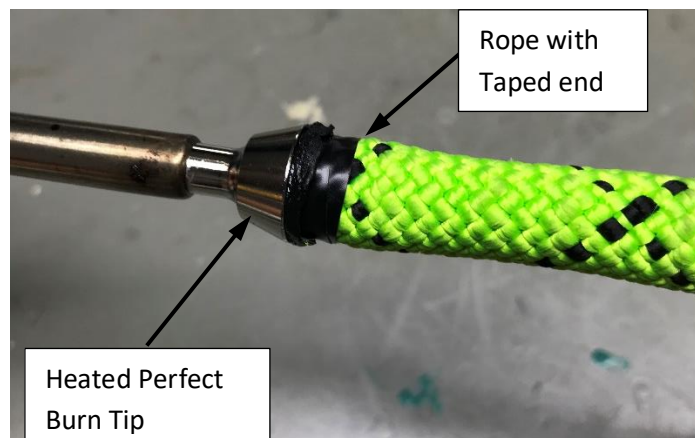
Step 2) While the Perfect Burn Tip is heating up prepare the rope end for coning by applying a piece of tape around the rope end.



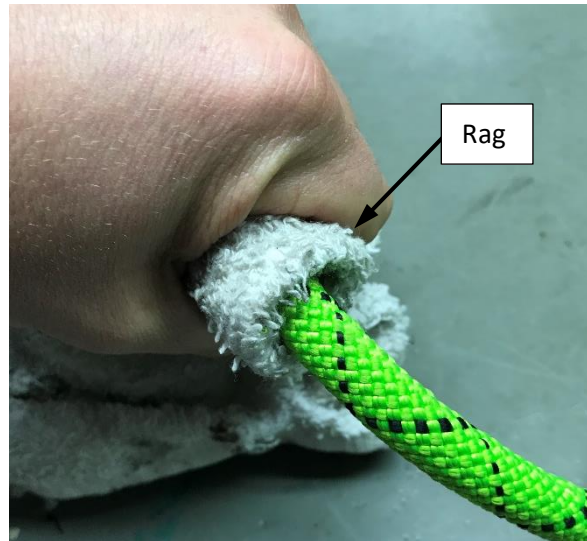
Step 3) Make a clean fresh cut to ensure the rope fibers are not frayed.



Step 4) With the Perfect Burn Tip heated up and the tape still on the freshly cut rope end, press the perfect burn rope burner head onto the end of the rope. Hold for approximately 10-20 sec. and remove.



Step 5) Set the soldering iron aside, ensuring the tip does not come into contact with anything, and take a rag to immediately grab the rope and wipe/pull towards the tip of the rope. This should pull the tape off. If the tape does not come off during this first wipe, then manually remove.

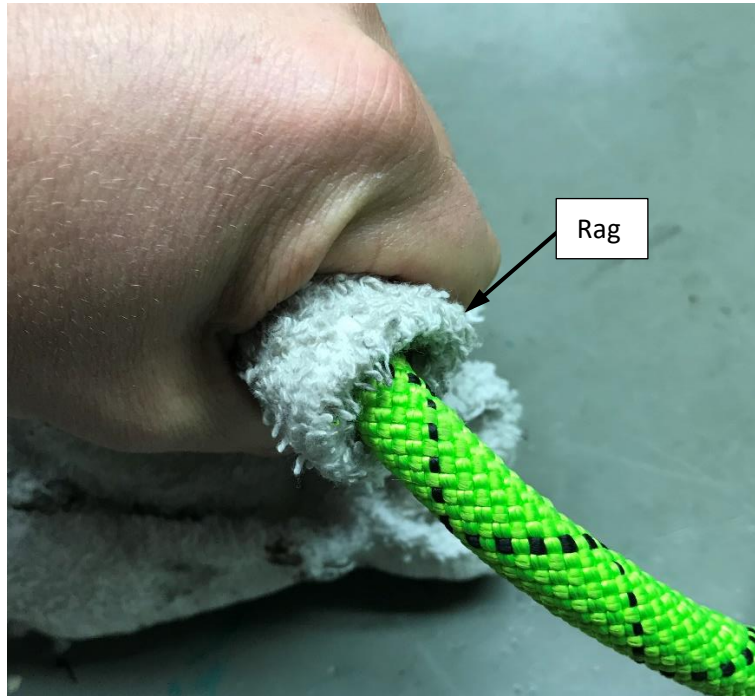


WARNING: Too avoid injury or fire, be sure the soldering iron tip does not come into contact with skin or any flammable objects.

Step 6) Reapply the Perfect Burn Tip to rope end and hold for another 10 – 20 sec.



Step 7) Set the soldering iron aside, ensuring the tip does not come into contact with anything, and take a rag to immediately grab the rope and wipe/pull towards the tip of the rope. Take a rag and wipe/pull over the rope shaping the rope tip into a cone.



Step 8) If required repeat steps 6 and 7 as required to obtain a fully coned end where the outer sheath is wrapped completely over the inner core sealing it. Once the tip process is completed turn off your soldering iron.

Note: The perfect burn tip can be rotated around to drag melted outer sheath around sealing the inner core.



WARNING: Once the soldering iron is turned off the tip will be hot. Ensure tip does not come into contact with skin or other objects as severe burns can occur or a fire to break out. Allow your soldering iron to cool down safely following the shut down instructions for your soldering iron.

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Inspection and Maintenance:

There is no maintenance of cleaning needed with your perfect burn tip. For soldering iron please refer the original equipment manufacturers user manual.

Ronin Warranty:

Ronin products and accessories are guaranteed against manufacturing defects for 90 days from the original date of purchase or the minimum legally mandatory country requirement, from the original date of purchase. In the event of such defects, Ronin will repair or replace the defective part(s) or product(s) with comparable parts or products at Ronin's sole discretion. Damage resulting from use, water intrusion, physical damage, or normal wear and tear is not covered by this or any warranty. Ronin assumes no liability for any accident, injury, death, loss, or other claim related to or resulting from the use or misuse of any products. In no event shall Ronin be liable for incidental or consequential damages relating to or resulting from the use of this product or any of its parts. This product is not warrantied against user repairs and user repairs will void the warranty. Breaking the seal on the Ronin cover also results in immediate loss of warranty. Returns or replacements of parts and/or products may be subject to shipping, handling, replacement, and/or restocking fees.

If you have purchased your product(s) from an authorized Ronin distributor, then please contact the distributor for warranty claims.