SOLDERING IRON 60 WATT

TSSI07

www.thetoolshed.co.nz

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Thank You

For the purchase of this ToolShed product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.

Please contact us for any servicing, replacement parts, or questions you might have about your ToolShed product by visiting our website, or calling: 0800 948 665.

PRODUCT DETAILS

Product Model	*ToolShed Soldering Iron 60 Watt*
Product Code	*TSSI07*

DISTRIBUTED BY:

Note:
This manual is for your reference only. Due to the continuous improvement of the ToolShed products, changes may be made at any time without obligation or notice.

Warranty:

This product may be covered under The ToolShed warranty. For more information, see our Terms & Conditions at www.thetoolshed.co.nz

SAFETY GUIDELINES

WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away from moving parts in the machine, or they could become caught therein.
- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**

SAFETY GUIDELINES

Electrical Safety

- **DO NOT use the power tool or machinery in rainy conditions or wet areas where the power tool or machinery could get wet.** Water in this power tool or machinery can lead to electric shock.
- **Only use the power tool or machinery when the plug correctly matches the power outlet.** Modifying plugs greatly increases the risk of electric shock.
- **Keep the power cord away from anything that could damage it such as sharp edges, moving parts or heat.** A damaged power cord increases the risk of electric shock.
- **Only operate outdoors with the use of an outdoor extension lead.** Not all extension leads are suited to outdoor use and using one which is not can greatly increase the risk of electric shock.
- **Avoid body contact with grounded or earthed surfaces.** Surfaces such as radiators, ranges, pipes, and refrigerators can increase the risk of electric shock due to your body being earthed or grounded.
- **Never carry the power tool by the cord, or yank the cable from the power outlet.** This can damage the internal wiring and may become a hazard.

WARNING

Electric shock can cause serious injury or, in some cases be fatal.

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from The ToolShed.
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury, or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

SAFETY GUIDELINES

Service

- **Have your tools and machinery serviced at The ToolShed with ToolShed replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

⚠ WARNING

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advise. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Soldering Iron Specific Safety

- The tip temperature of your iron can reach in excess of 500°C. Mishandling of your iron can result in a serious burn or fire.
- Do not touch any metal parts of the iron while in operation.
- Do not use the iron for any application other than it's intended use.
- Do not leave a hot iron unattended.
- Do not use the iron with or around flammable items.
- Soldering will produce smoke. Make sure the soldering location selected is well ventilated.
- Always store the iron in the holder when not in use.
- Let the iron cool to room temperature before changing tips.
- Let the iron cool to room temperature prior to storage.
- Never attempt to perform repair, replacement, diagnostics, or routine maintenance while unit is plugged in.
- Repairs should only be performed by a qualified technician familiar with the product.
- Do not modify the soldering iron or use it with damaged parts.
- Always operate the soldering iron in a well ventilated area. Some solders and fluxes release fumes that can be harmful. Proper attention should be given to these materials and the ventilation required to exhaust these fumes.

OPERATION

⚠ ATTENTION

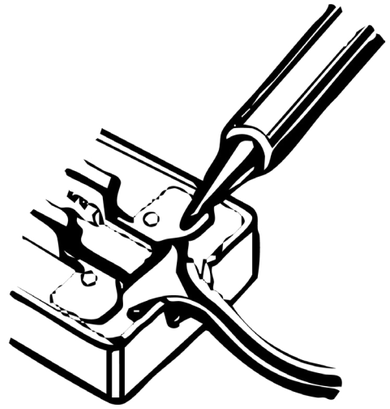
On first time use the soldering iron may produce smoke, this is just grease used in manufacturing burning off, It is normal and should only last for approx. 10 minutes. It is not harmful to the product or user.

Care of the Tip

- Always keep tips tinned to ensure a long service life.
- Do not keep the iron at high temperature for a long time
- Never clean the tip with coarse materials
- Never cool in water.
- Remove the tip and clean every twenty hours of use, or at least once a week, and remove any loose build up in the barrel.
- Do not use fluxes containing chloride or acid. Use only rosin or activated resin fluxes.
- Do not use any compound or anti-seize materials
- Handle the heated soldering iron with extreme care, as the high temperature of the iron can cause fires or painful burns.
- Never file the specially-plated tip.

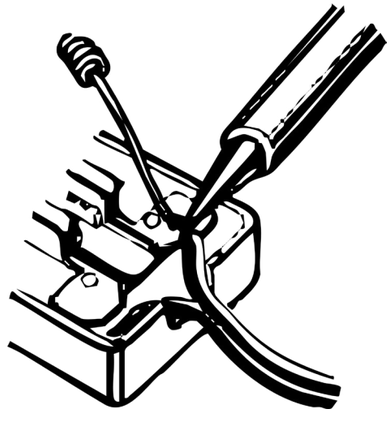
How to Solder

1. Clear any dirt, rust or paint on the part you wish to solder.
2. Heat the part with the soldering iron.

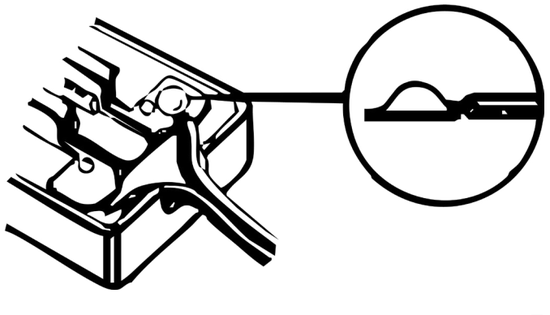


3. Apply rosin-based solder to the part and melt it with the soldering iron.

NOTE: when using non-rosin-based solder, be sure to apply a soldering paste to the part before applying the solder.



4. Wait for the solder to cooling and hardened before moving the soldered part.



MAINTENANCE

WARNING

Always be sure that the tool is switched off and unplugged before attempting to perform any inspection or maintenance.

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your nearest ToolShed for replacements and advise.
- This tool must be placed on its stand when not in use.
- If the supply cord is damaged, consult your nearest ToolShed for replacements and advise.

Tip Replacement

NOTE: Tip replacement or cleaning should be done only when the iron is at room temperature or below.

- After removing tip, remove any oxide dust that may have formed in the tip retaining area of the barrel. Be careful to avoid getting dust in your eyes. Care should be taken not to over tighten as this would damage the element.

General Cleaning

- The outer case of the iron or station may be cleaned with a damp cloth using small amounts of liquid detergent Never submerse the unit in liquid or allow any liquid to enter the housing. Never use solvent to clean the case.

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.