

MAINTENANCE AND TROUBLE SHOOTING

1. Keep the tip clean. Use abrasive paper and solvent.
2. Keep conductor rod to tip junctions clean.
3. Keep tip retainer screws tight.
4. No power at low voltage A.C. receptacles with heat ON.
 - a. Is main Power Cord connected to an operational outlet?
 - b. Check Pulse Heat Control Fuse. Replace as required.
 - c. Still no power? Check Pulse Heat Temperature Controller. Replace as required.

OPERATION TIPS

1. Start cool on unfamiliar materials.
2. Tips are always in contact with work before heating.
3. Increase heat a little at a time.
4. Pulse the foot switch for heat fine control.
5. Watch for damage indicators. Discoloration, scorching, smoke.
6. Stop heat before damage occurs. Practice.
7. Try to set-up on scrap to get a feel for the material.

HEAT APPLICATION NOTES

How much temperature and time is required for each of the endless operations your Pulse Heat Function Tools can perform?

Only your skill and experience on your own assembly and repair operations can answer this question.

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Systems for PCB Repair Anywhere™

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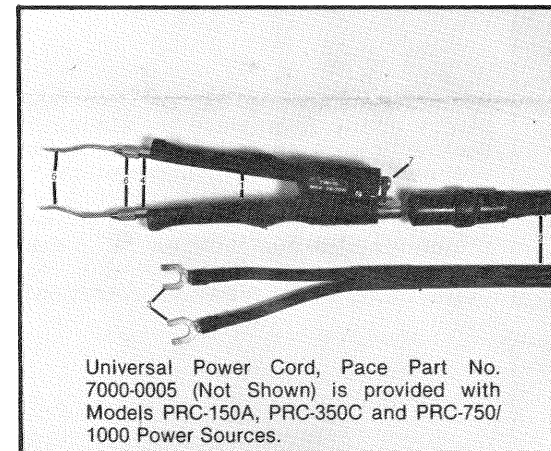
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Operation and Maintenance
Instruction
5050-0046 Rev. A

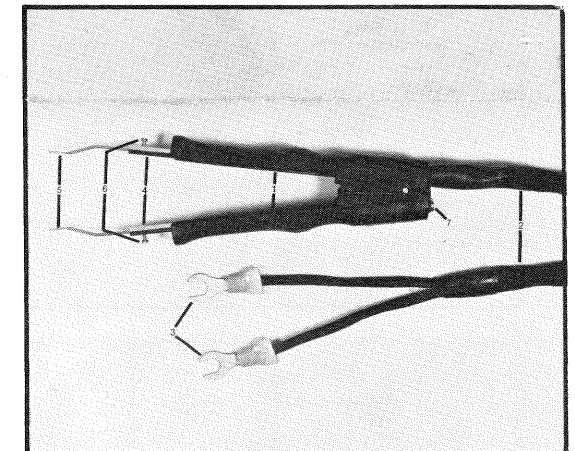
How To Use Your Pulse Heat Resistance Tweezer Model TW-15 TW-20-02

Parts Identification



Model TW-15 Pace Part No. 7009-0005

1. Molded Handle Assembly
2. Universal Cord Pace Part No. 7000-0023
3. High Current Power Connectors
4. Conductor Rods
5. Tips-Resistance Heating, Pace Part No. 1121-0006
6. Tip-retainers
7. Handle Adjustment Block



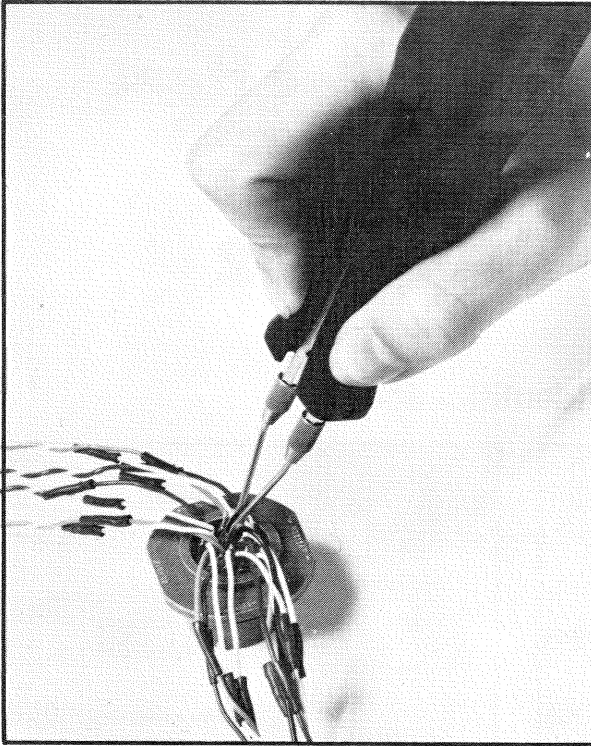
Model TW-20-02 Pace Part No. 7009-0006-02

1. Molded Handle Assembly
2. Heavy Duty Power Cord
3. High Current Power Connectors
4. Conductor Rods
5. Tips-Resistance Heating, Pace Part No. 1121-0006
6. Tip-retaining screws
FIL HD 2-56 UNC X9/64" LG
7. Handle Adjustment Block

Set-Up

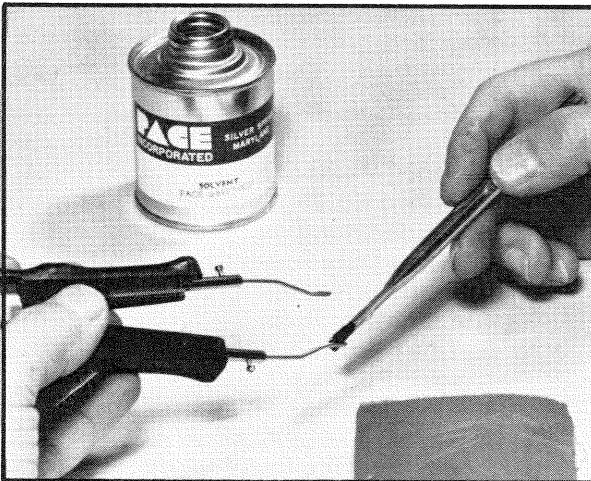
See Set-up Procedure and Heat Application Chart in Your Power Source Operation and Maintenance Instruction.

Use Foot Pedal Control for Timing Heat Cycle.

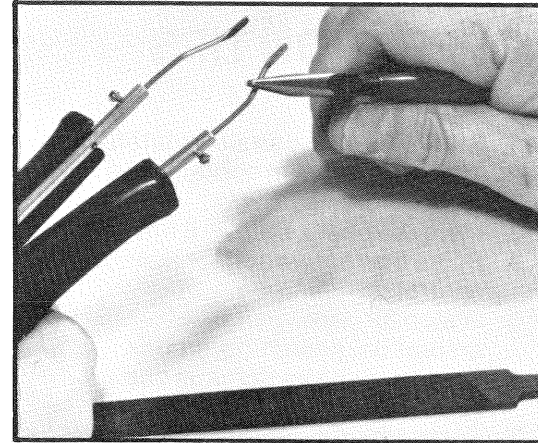


FUNCTION TOOL OPERATION

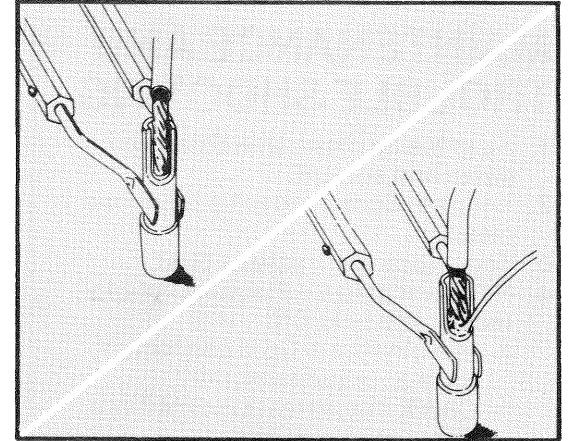
Resistance soldering tips get into tight places easily. Workpiece resistance to current flow concentrates heating where needed for fast, safe uniform soldering without melting or burning insulation on adjacent wires. Ideal for soldering and unsoldering hollow cup, turret and bifurcated terminals. Use as auxiliary heating source during heavy solder extraction operations.



1. Keep contact area of tips bright and clean with solvent and abrasive paper.

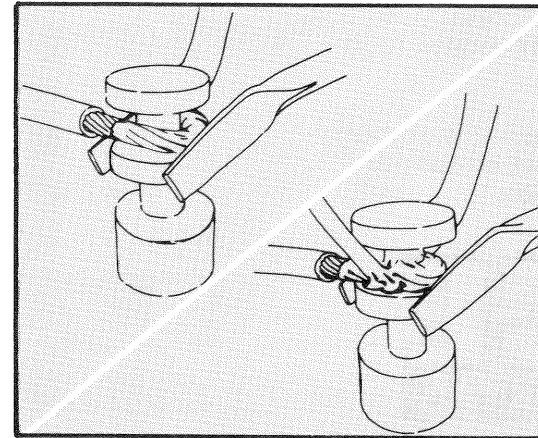


2. Tips may be modified. Bend or file, as required. Screws must be tight.

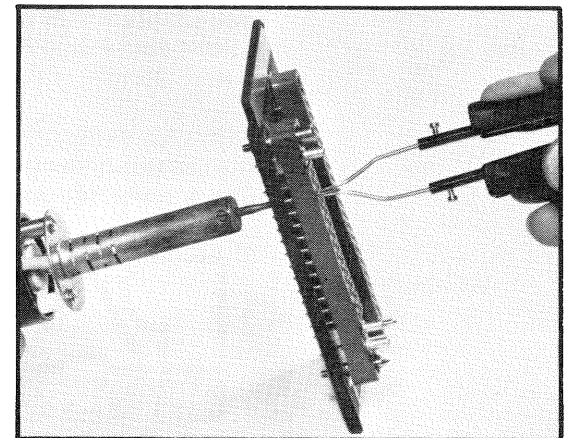


3. Connect Power Cord and adjust heat for approx. 1 to 1½ sec. dwell time for complete solder melt.

Grip work piece between electrodes with light firm pressure. Depress Foot Switch for heating. Pre-tin or flow in solder.



4. Use for soldering or desoldering. Release foot switch before removing tips from work to prevent arcing.



5. Use for auxiliary heating during solder extraction operations.

Set-Up