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Weller 7135W-12200

Weller Solder Tip Replacement Manual

Model: 7135W-12200

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the **Weller 7135W-12200 Standard Solder Tip Replacement**. This tip is specifically designed for seamless integration and optimal performance with *Weller 8200 and 9200 series universal soldering guns*. Adhering to these guidelines will ensure the longevity and efficiency of your soldering equipment.

2. SETUP AND INSTALLATION

Before attempting any installation, ensure your soldering gun is completely disconnected from its power source and has cooled down to room temperature to prevent burns or electrical hazards.

2.1 Required Tools

- Pliers (optional, for removing stubborn old tips)
- Clean, lint-free cloth

2.2 Installation Steps

1. **Safety First:** Confirm the soldering gun is unplugged and fully cooled.
2. **Remove Old Tip:** Carefully locate and remove the existing solder tip from the soldering gun. Depending on your specific gun model, this may involve unscrewing or gently pulling the tip out. If the tip is stuck due to oxidation or residue, use pliers to gently twist and pull it free.
3. **Clean Receptacle:** Use a clean cloth to wipe away any solder, flux, or oxidation residue from the tip receptacle on the soldering gun. A clean connection ensures proper heat transfer.
4. **Insert New Tip:** Align the prongs of the new Weller 7135W-12200 replacement tip with the designated slots or receptacle on the soldering gun. Gently push the tip in until it is seated firmly and correctly.
5. **Verify Connection:** Ensure the tip is securely in place and makes proper electrical contact. A loose tip can lead to poor heating or damage.



Image: The Weller 7135W-12200 standard solder tip replacement. This image displays the metallic, U-shaped tip with two prongs designed for secure insertion into compatible Weller soldering guns. The tip has a slightly textured, silver-grey finish.

3. OPERATING INSTRUCTIONS

Once the new tip is correctly installed, your soldering gun is ready for use. Always refer to your specific soldering gun's primary operating manual for detailed usage instructions.

- **Power On:** Connect the soldering gun to a suitable power outlet.
- **Heat-Up Time:** Allow the tip to heat up to its optimal operating temperature. This process typically takes only a few seconds for most soldering guns.
- **Soldering Technique:** Apply solder to the joint, ensuring the heated tip makes good contact with both the component lead and the pad or wire to be soldered. Allow the solder to flow smoothly and form a strong connection.
- **Cool Down:** After completing your work, disconnect the soldering gun from power and allow it to cool completely before storing it.

3.1 Tip Tinning

It is highly recommended to "tin" the new tip before its first use and periodically during operation. Tinning involves melting a small amount of solder onto the tip's working surface. This process helps to prevent oxidation, improves heat transfer efficiency, and ensures better solder flow.

4. MAINTENANCE

Proper maintenance of your solder tip will significantly extend its lifespan and maintain soldering quality.

4.1 Cleaning the Tip

- **Regular Cleaning:** Wipe the tip frequently on a damp sponge or brass wool during use to remove excess solder and flux residue. This prevents buildup and maintains a clean soldering surface.
- **Stubborn Residue:** For more stubborn residue, use a dedicated tip cleaner or re-tin the tip.
- **Avoid Damage:** Do not use abrasive materials, excessive scraping, or filing on the tip, as this can damage the protective plating and shorten the tip's life.

4.2 Storage

When not in use, store the soldering gun with the tip installed in a dry, clean environment to prevent corrosion and damage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your solder tip.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Tip not heating	Improper tip installation; Faulty soldering gun	Re-seat the tip firmly; Check the soldering gun's power connection; Consult your soldering gun's manual for gun-specific issues.
Solder not flowing or sticking to tip	Tip oxidation; Insufficient heat; Dirty tip	Re-tin the tip; Ensure the soldering gun is fully heated; Clean the tip thoroughly.
Tip wears out quickly	Abrasive cleaning methods; Operating at excessively high temperatures	Use only recommended cleaning methods (damp sponge, brass wool); If your gun has temperature control, ensure it's set appropriately for the task.

If issues persist after attempting these troubleshooting steps, please refer to your soldering gun's main instruction manual or contact Weller customer support for further assistance.

6. SPECIFICATIONS

- Model:** Weller 7135W-12200
- Type:** Standard Solder Tip Replacement
- Compatibility:** Weller 8200 and 9200 series universal soldering guns
- Nominal Tip Size:** 0.165 inches
- Package Dimensions:** 7 x 1 x 0.3 inches
- Item Weight:** 0.16 ounces

7. WARRANTY AND SUPPORT

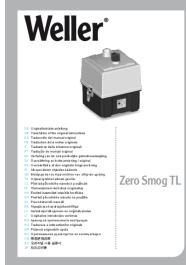
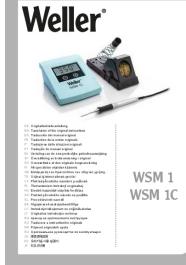
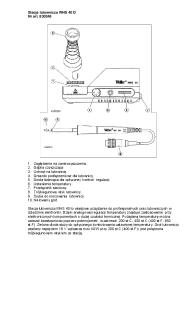
For detailed warranty information pertaining to your Weller soldering gun or replacement parts, please consult the documentation originally provided with your soldering gun. For technical support or further inquiries, we recommend visiting the official Weller website or contacting their customer service directly.

You can also [visit the Weller Store on Amazon](#) for additional product information and offerings.

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Related Documents - 7135W-12200

	<p>Weller WDC Dry Cleaner: Solder Tip Cleaning Guide</p> <p>Instructions and information on using the Weller WDC Dry Cleaner for gentle and effective solder tip cleaning, including operation and safety precautions.</p>
	<p>Weller D550 & 8200 Series Soldering Guns: Operating Instructions, Parts, and Uses</p> <p>Comprehensive guide for Weller D550 and 8200 series soldering guns, detailing operating instructions, safety, warranty, replacement parts, and alternative uses like cutting, burning, and smoothing.</p>

	<p>Weller Soldering Equipment Catalog and Product Guide</p> <p>Explore the comprehensive range of Weller soldering stations, irons, desoldering tools, rework stations, and accessories for professional, industrial, and hobbyist applications.</p>
	<p>Weller Zero Smog TL Solder Fume Extraction System - User Manual</p> <p>Comprehensive user manual for the Weller Zero Smog TL, a professional system for extracting and filtering solder fumes and other airborne contaminants. Includes setup, operation, maintenance, and safety guidelines.</p>
	<p>Weller WSM 1 / WSM 1C Soldering Station User Manual</p> <p>Comprehensive user manual for Weller WSM 1 and WSM 1C soldering stations, detailing operation, safety, and technical specifications. Available in multiple languages.</p>
	<p>Weller WHS 40 D Soldering Station: Analog Control, 40W, 200-450°C - Specs & Operation</p> <p>Explore the Weller WHS 40 D analog soldering station. Features 40W power, adjustable temperature from 200-450°C, integrated cleaning sponge, and LED indicator. Ideal for professional electronics soldering.</p>