

EP 14/3C SJTW Power Cord

EP 14/3C SJTW Heavy-Duty Replacement Power Cord Instruction Manual

Model: 14/3C SJTW Power Cord

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your EP 14/3C SJTW Heavy-Duty Replacement Power Cord. Please read these instructions carefully before installation and operation to ensure proper function and safety.



Image 1.1: Two EP 14/3C SJTW Replacement Power Cords (3ft)

2. SAFETY INFORMATION

Your safety is paramount. Adhere to all safety guidelines to prevent injury or damage.

- **UL Listed:** This power cord is UL Listed, indicating it meets recognized safety standards.
- **Grounded Connection:** The 3-prong plug provides a grounded connection for enhanced safety. Ensure the outlet you use is properly grounded.
- **Voltage and Amperage:** Do not exceed the cord's maximum ratings of 15 Amps, 125 Volts, and 1875 Watts. Overloading can cause overheating and fire hazards.
- **Indoor/Outdoor Use:** The SJTW jacket is designed for both indoor and outdoor applications, with a temperature range of -40°F to +140°F. It offers resistance to moisture, abrasion, and direct sunlight. However, always keep plug connections dry.

- **Bare Ends:** The pigtail end features bare wires. Exercise extreme caution when handling and connecting these wires. Ensure all connections are secure and properly insulated to prevent electrical shock or short circuits.
- **Inspection:** Before each use, inspect the cord for any signs of damage, such as cuts, fraying, or exposed wires. Do not use a damaged cord.



Image 2.1: Weather Resistant Jacket Features


3. PRODUCT FEATURES

The EP 14/3C SJTW Power Cord is engineered for reliability and durability.

- **Wire Gauge:** 14 AWG (American Wire Gauge) for robust power delivery.
- **Conductors:** 3-wire design (Hot, Neutral, Ground) for safe operation.
- **Jacket Type:** SJTW (Service Junior Thermoplastic Weather-resistant) flexible vinyl jacket, providing protection against environmental factors.
- **Electrical Rating:** 15 Amps, 125 Volts, 1875 Watts maximum.
- **Plug Type:** NEMA 5-15P male plug with reinforced blades to prevent bending or breaking.

- **End Type:** Pigtail (bare end) for direct wiring into appliances or tools.

Replacement Power Cord



3
FT

15
AMPS

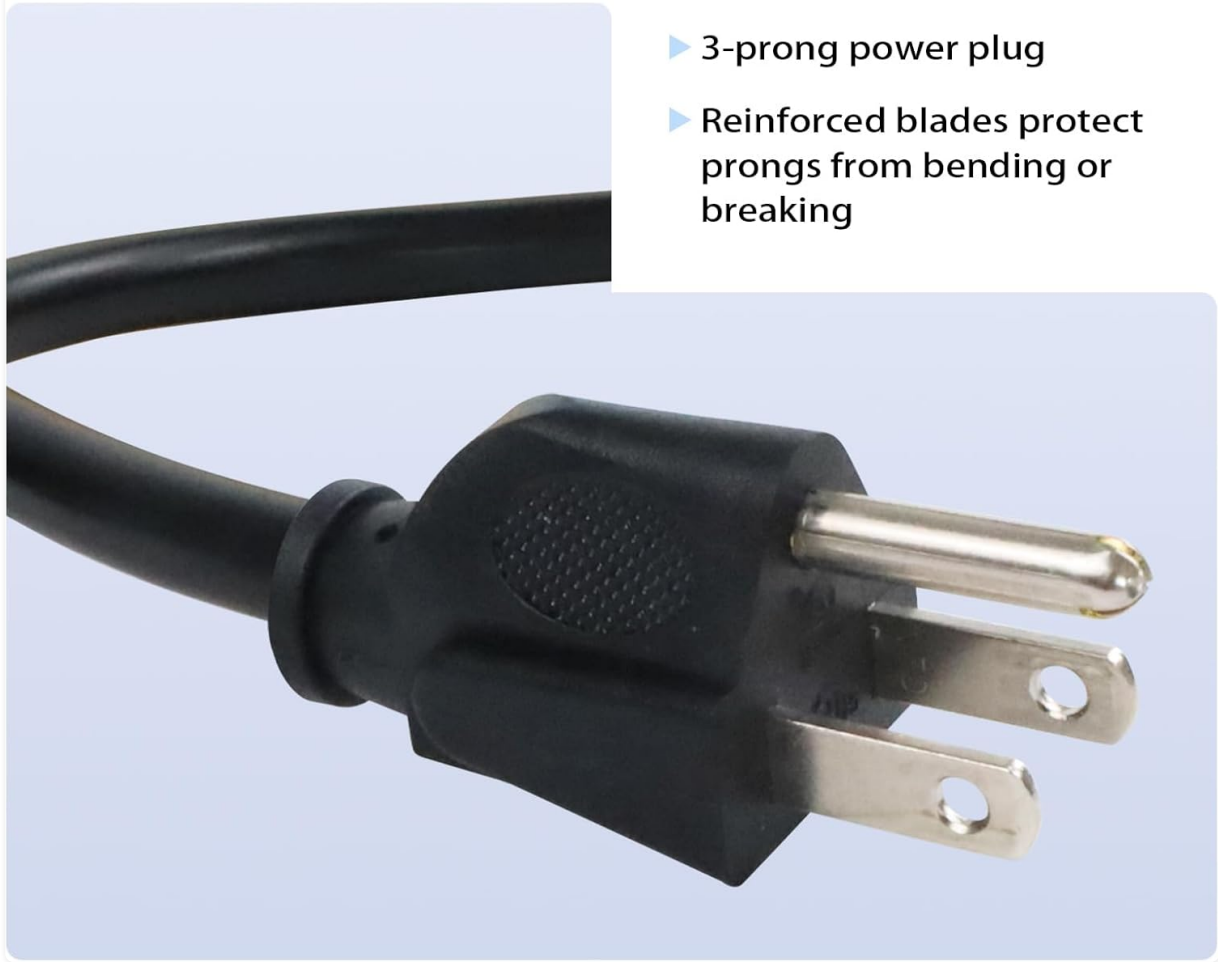
125
VOLTS

1875
WATTS

14/3
SJTW

Image 3.1: Cord Specifications Overview

NEMA 5-15 Plug



- ▶ 3-prong power plug
- ▶ Reinforced blades protect prongs from bending or breaking

Image 3.2: NEMA 5-15P Plug Detail

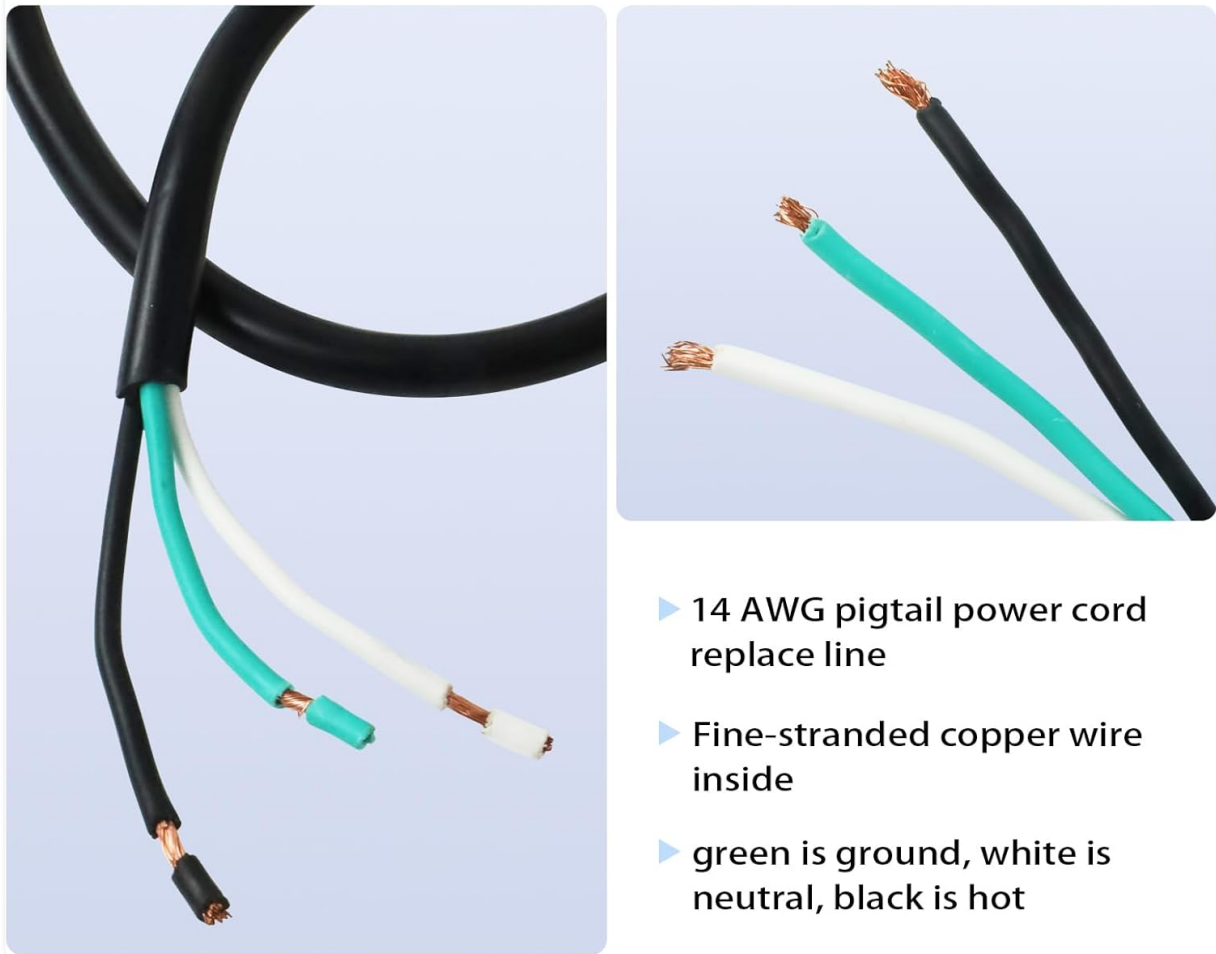
4. SETUP AND INSTALLATION

This power cord is designed for replacement or custom wiring applications. Professional installation is recommended if you are not familiar with electrical wiring.

1. **Preparation:** Ensure the appliance or tool is disconnected from any power source. Gather necessary tools such as wire strippers, crimpers, and electrical tape or wire nuts.
2. **Identify Wires:** The pigtail end of the cord contains three color-coded wires:
 - **Green:** Ground wire
 - **White:** Neutral wire
 - **Black:** Hot (Live) wire
3. **Connection:** Carefully strip the insulation from the bare ends of the cord and the corresponding wires on your appliance/tool. Connect the wires according to their color codes (Green to Ground, White to Neutral, Black to Hot).
4. **Secure Connections:** Use appropriate connectors (e.g., wire nuts, crimp connectors) to ensure all connections are secure and insulated. Avoid loose connections, which can cause arcing and fire hazards.
5. **Insulation:** After securing connections, ensure all exposed wire is fully insulated with electrical tape or heat shrink tubing.

6. **Testing:** Before full operation, perform a continuity test if possible, or carefully plug the appliance into a grounded outlet and test for proper function.

Pigtail End



- ▶ 14 AWG pigtail power cord replace line
- ▶ Fine-stranded copper wire inside
- ▶ green is ground, white is neutral, black is hot

Image 4.1: Pigtail End Wiring

5. OPERATING INSTRUCTIONS

Once installed, operate the power cord responsibly.

- **Match Requirements:** Ensure the power requirements of the connected appliance or tool do not exceed the cord's specifications (15A, 125V, 1875W).
- **Proper Insertion:** Insert the 3-prong plug fully into a compatible, grounded electrical outlet.
- **Avoid Overloading:** Do not connect multiple high-power devices that collectively exceed the cord's wattage rating.
- **Environmental Conditions:** While the cord is weather-resistant, avoid submerging it in water. Keep connections dry, especially in outdoor environments.
- **Cord Placement:** Route the cord to avoid tripping hazards, sharp edges, or areas where it could be pinched or damaged.

VERSATILE



Image 5.1: Versatile Applications

6. MAINTENANCE

Regular maintenance helps prolong the life of your power cord and ensures safe operation.

- **Routine Inspection:** Periodically check the entire length of the cord, including the plug and the pigtail end, for any signs of wear, cuts, cracks, or discoloration.
- **Cleaning:** If necessary, wipe the cord with a dry or slightly damp cloth. Ensure the cord is unplugged and completely dry before use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, coil the cord loosely to prevent kinks and store it in a dry, cool place away from direct sunlight and extreme temperatures. Avoid wrapping it tightly around objects.
- **Damaged Cords:** If any damage is found, discontinue use immediately and replace the cord. Do not attempt to repair damaged insulation or wires yourself unless you are a qualified electrician.

7. TROUBLESHOOTING

If you encounter issues with your power cord, consider the following:

- **No Power to Appliance:**
 - Check if the cord is fully plugged into the wall outlet.
 - Verify the wall outlet is functional by testing it with another device.
 - Inspect the appliance's internal wiring and connections to the pigtail end for looseness or damage.
 - Ensure the appliance's power switch is in the 'ON' position.
- **Overheating:**
 - Unplug the cord immediately.
 - Check if the connected appliance's wattage exceeds the cord's 1875W rating.
 - Ensure the cord is not coiled or covered, which can trap heat.
- **Visible Damage:** If the cord shows any physical damage (cuts, exposed wires, burnt areas), discontinue use and replace it. Do not attempt to repair.

For issues not resolved by these steps, consult a qualified electrician or contact customer support.

8. SPECIFICATIONS

Feature	Detail
Wire Gauge	14 AWG
Conductors	3 (Hot, Neutral, Ground)
Jacket Type	SJTW (Service Junior Thermoplastic Weather-resistant)
Amperage Rating	15 Amps
Voltage Rating	125 Volts
Wattage Rating	1875 Watts (Max)
Plug Type	NEMA 5-15P Male
End Type	Pigtail (Bare End)
Temperature Range	-40°F to +140°F
Certifications	UL Listed
Color	Black
Length (for this variant)	3 feet

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt for warranty claims.
Manufacturer: EP