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### 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

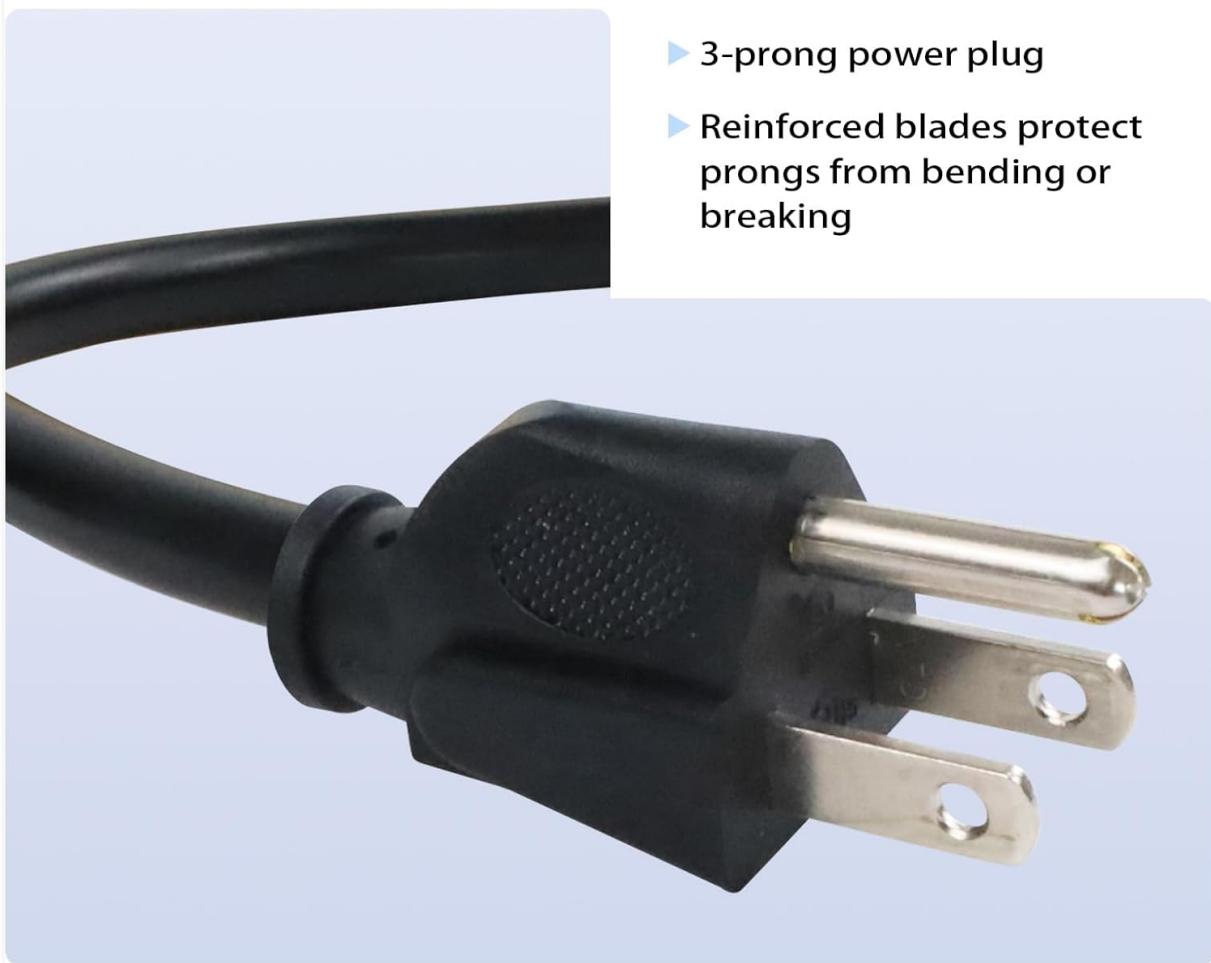


Image 3.2: NEMA 5-15P Plug Detail

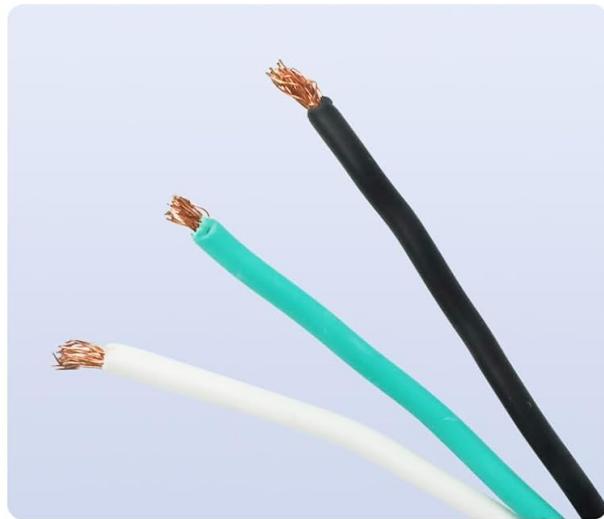
## 4. SETUP AND INSTALLATION

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

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