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Quick Connect Plug, White Finish, Polarized, 18/2-SPT-1, 6A, 125V

PRODUCT OVERVIEW

The Satco 90-1520 Connect Plug is a polarized quick connect plug designed for various electrical applications. It features a durable white finish and is engineered for reliable performance with 18/2-SPT-1 wiring, rated for 6 Amperes at 125 Volts. This plug facilitates easy and secure electrical connections.



An image of the Satco 90-1520 Connect Plug, showing its white plastic body and two brass polarized prongs. The plug is designed for quick electrical connections.

SAFETY INFORMATION

Please read and understand all safety instructions before installing or using this product. Failure to follow

these instructions may result in electric shock, fire, or personal injury.

- **Disconnect Power:** Always ensure the power supply to the circuit is turned off at the circuit breaker or fuse box before performing any wiring or installation.
- **Proper Wiring:** Ensure all wiring connections are secure and comply with local electrical codes. Incorrect wiring can lead to electrical hazards.
- **Indoor Use Only:** This plug is intended for indoor use in dry locations only. Do not expose to moisture or use in wet environments.
- **Polarized Connection:** This is a polarized plug. Ensure correct polarity when connecting wires to prevent electrical issues.
- **Voltage and Amperage:** Do not exceed the specified voltage (125V) or amperage (6A) ratings of this plug.
- **Inspection:** Regularly inspect the plug and connected wiring for any signs of damage, wear, or overheating. Replace immediately if damage is found.

SETUP AND INSTALLATION

Follow these steps to properly install the Satco 90-1520 Connect Plug:

1. **Turn Off Power:** Before beginning, ensure the power supply to the circuit where the plug will be used is completely disconnected at the main breaker or fuse box.
2. **Prepare Wire:** Strip approximately 1/2 inch (1.27 cm) of insulation from the ends of the 18/2-SPT-1 wire conductors. Twist the strands of each conductor tightly.
3. **Open Plug Housing:** Carefully open the plug housing to expose the internal terminals.
4. **Connect Wires:** Connect the neutral (smooth or ribbed) wire to the wider prong terminal and the hot (marked or identified) wire to the narrower prong terminal. Ensure the wires are securely fastened under the terminal screws or clamps. This plug is polarized, so correct connection is crucial.
5. **Secure Housing:** Close the plug housing, ensuring no bare wires are exposed and the housing is firmly snapped or screwed together.
6. **Test Connection:** Once installation is complete, restore power to the circuit and test the connection with a suitable device.

OPERATING INSTRUCTIONS

Once the Satco 90-1520 Connect Plug is properly wired to your device or fixture, simply insert the plug into a standard 125V electrical outlet. Ensure the plug is fully seated in the outlet for a secure connection. The connected device should now receive power.

MAINTENANCE

Minimal maintenance is required for the Satco 90-1520 Connect Plug. Follow these guidelines to ensure longevity and safe operation:

- **Cleaning:** Periodically wipe the exterior of the plug with a dry, soft cloth to remove dust and dirt. Do not use liquid cleaners or immerse the plug in water.
- **Inspection:** Regularly inspect the plug for any signs of physical damage, such as cracks in the housing, bent prongs, or discoloration from overheating. Also, check the connected wire for fraying or damage.
- **Secure Connections:** Ensure the plug remains firmly seated in the electrical outlet and that the internal wire connections remain secure.

- **Storage:** If the plug is disconnected for an extended period, store it in a dry, cool place away from direct sunlight and moisture.

TROUBLESHOOTING

If you encounter issues with your Satco 90-1520 Connect Plug, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to connected device	1. Power outlet is not active. 2. Internal wiring connection is loose or incorrect. 3. Plug or wire is damaged.	1. Test the outlet with another device or check the circuit breaker. 2. Disconnect power, open the plug, and re-secure wire connections. Ensure correct polarity. 3. Disconnect power and inspect the plug and wire for damage. Replace if damaged.
Plug feels loose in outlet	Worn outlet or bent plug prongs.	Try a different outlet. If prongs are bent, replace the plug. If multiple outlets are loose, consult a qualified electrician.
Plug or wire is hot to the touch	Overload or poor connection.	Immediately disconnect power. Reduce the load on the circuit. Check for loose or incorrect wiring. If the issue persists, discontinue use and consult an electrician.

SPECIFICATIONS

- **Model Number:** 90-1520
- **Brand:** Satco
- **Description:** Quick Connect Plug
- **Finish:** White
- **Polarization:** Polarized
- **Wire Compatibility:** 18/2-SPT-1
- **Amperage Rating:** 6A
- **Voltage Rating:** 125V
- **Item Weight:** 2.72 ounces
- **Product Dimensions:** 10 x 10 x 10 inches (Packaging/Shipping dimensions, actual product is smaller)
- **Included Components:** Satco 90-1520 Connect Plug
- **Batteries Required:** No
- **UPC:** 045923915208

WARRANTY AND SUPPORT

For warranty information regarding the Satco 90-1520 Connect Plug, please contact the manufacturer directly. Warranty terms and conditions may vary.

If you require further assistance or have questions not covered in this manual, please reach out to Satco customer support through their official website or contact channels.