

[Manuals.plus](#) /

› [Satco](#) /

› Satco 90-541 Socket Instruction Manual

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Model: 90-541

1. PRODUCT OVERVIEW

The Satco 90-541 is a snap-in socket designed for use with 3 1/4-inch to 4-inch holders. It features 8-inch AWM leads for electrical connection and is rated for 660 watts and 250 volts. Its compact design, with a height of 1 1/2 inches and a diameter of 1 1/4 inches, makes it suitable for various lighting applications. This socket is primarily used to provide an electrical connection point for light bulbs within a fixture.



This image displays the Satco 90-541 socket, a black cylindrical component with two metal snap-in clips on the sides and an electrical lead extending from the base. The design facilitates easy installation into compatible light fixtures.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation should only be performed by a qualified electrician or a knowledgeable individual familiar with electrical wiring and building codes. Always disconnect power at the circuit breaker or fuse box before installation, servicing, or removing the fixture.

- Ensure the power supply is turned off before handling the socket.
- Verify that the voltage and wattage ratings of the socket are compatible with your electrical system and the light bulb being used.
- Do not exceed the maximum wattage rating of 660 watts.
- Do not use the socket if it appears damaged.

3. SETUP AND INSTALLATION

The Satco 90-541 socket is designed for snap-in or set screw mounting within compatible light fixtures.

1. **Prepare the Fixture:** Ensure the light fixture or holder is compatible with a 3 1/4-inch to 4-inch snap-in socket.
2. **Disconnect Power:** Locate the circuit breaker or fuse controlling the power to the fixture and turn it OFF. Confirm power is off using a voltage tester.
3. **Wire Connection:** Connect the 8-inch AWM leads from the socket to the corresponding electrical wires in the fixture. Typically, one lead connects to the hot (black) wire and the other to the neutral (white) wire. Use appropriate wire connectors (not included) and ensure all connections are secure and insulated.
4. **Mount the Socket:** Carefully align the snap-in clips of the socket with the openings in the fixture holder. Press firmly until the socket snaps securely into place. If using a set screw mounting, tighten the set screw to secure the socket.
5. **Restore Power:** Once the socket is securely installed and all wiring connections are properly insulated, restore power at the circuit breaker or fuse box.

4. OPERATING INSTRUCTIONS

Once installed, the Satco 90-541 socket functions as a standard light bulb receptacle.

- **Insert Bulb:** Gently screw a compatible light bulb into the socket. Ensure the bulb's base matches the socket's medium base type.
- **Power On:** Turn on the light switch connected to the fixture. The bulb should illuminate.
- **Power Off:** Turn off the light switch when illumination is not required.

Always ensure the light bulb's wattage does not exceed the socket's maximum rating of 660 watts to prevent overheating and potential damage.

5. MAINTENANCE

The Satco 90-541 socket requires minimal maintenance. Regular inspection can help ensure its longevity and safe operation.

- **Cleaning:** Before cleaning, always disconnect power to the fixture. Use a dry, soft cloth to wipe down the exterior of the socket. Do not use liquid cleaners or abrasive materials.

- **Inspection:** Periodically inspect the socket for any signs of wear, such as cracks, discoloration, or loose connections. If any damage is observed, disconnect power immediately and replace the socket.
- **Lead Wires:** Ensure the lead wires remain intact and free from fraying or damage.

6. TROUBLESHOOTING

If the light fixture connected to the Satco 90-541 socket is not functioning correctly, consider the following troubleshooting steps:

- **No Light:**
 - Check if the light bulb is securely screwed into the socket.
 - Test the light bulb in another working fixture to ensure it is not burnt out.
 - Verify that the power supply to the fixture is active (check circuit breaker/fuse).
 - Ensure all wire connections to the socket are secure and properly insulated.
- **Flickering Light:**
 - Tighten the light bulb in the socket.
 - Check for loose wiring connections at the socket or within the fixture.
- **Socket Overheating:**
 - Ensure the wattage of the light bulb does not exceed the socket's maximum rating of 660 watts.
 - Verify proper ventilation around the fixture.

If issues persist after troubleshooting, consult a qualified electrician.

7. SPECIFICATIONS

Attribute	Detail
Brand	Satco
Model Number	90-541
Material	Metal
Color	Black
Base Type	Medium
Product Dimensions	1.25"W x 1.5"H
Mounting Type	Set Screw, Snap-In
Wattage	660 watts
Voltage	250V
UPC	045923905414
Item Weight	0.81 ounces
Included Components	Satco 90-541 Socket

8. WARRANTY AND SUPPORT

For warranty information regarding the Satco 90-541 Socket, please contact the manufacturer directly. Warranty terms and conditions may vary.

Manufacturer: Satco

For support or further inquiries, please refer to the contact information provided on Satco's official website or product packaging.

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