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Eiko 2102

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1. PRODUCT OVERVIEW

The Eiko 2102 Halogen Bulb is designed to meet or exceed the performance of original equipment lamps. It features high-performance tungsten filaments that produce a brighter, whiter light, enhancing visibility. Each lamp undergoes quality testing before leaving the factory to ensure reliable operation.

Key Features:

- High-performance tungsten filaments for brighter, whiter light.
- Manufactured to exacting standards for consistent performance.
- Quality tested for reliability.



Image: Eiko 2102 18V .04A T1-3/4 Wire Terminal Halogen Bulb. This image displays the compact size and wire terminal base of the bulb.

2. INSTALLATION

Before beginning installation, ensure the power supply to the fixture is turned off to prevent electrical shock. Allow the old bulb to cool completely before handling. Avoid touching the glass portion of the new halogen bulb directly with bare hands, as oils from the skin can cause hot spots and reduce bulb life. Use a clean cloth or gloves when handling.

1. Turn off the power to the light fixture at the circuit breaker or switch.
2. Carefully remove the old bulb from its socket.
3. Insert the new Eiko 2102 bulb into the socket, ensuring the wire terminals are properly seated. Do not force the bulb.
4. Restore power to the fixture.

3. OPERATING INSTRUCTIONS

The Eiko 2102 Halogen Bulb operates upon receiving electrical current. Once properly installed and power is supplied to the fixture, the bulb will illuminate. No special operating procedures are required beyond

standard electrical switching.

- Ensure the bulb is securely installed in a compatible 18V fixture.
- Activate the light switch or power source connected to the fixture to turn the bulb on.
- Deactivate the light switch or power source to turn the bulb off.

4. MAINTENANCE

Halogen bulbs generally require minimal maintenance. However, proper handling and occasional cleaning can extend their lifespan and maintain optimal performance.

- **Cleaning:** If the bulb accumulates dust or dirt, ensure the power is off and the bulb is cool. Gently wipe the glass with a soft, dry, lint-free cloth. Do not use liquid cleaners.
- **Handling:** Always handle the bulb by its base or with a clean cloth/gloves to avoid transferring skin oils to the glass.
- **Replacement:** Lamps dim over time. For best performance, consider replacing bulbs in pairs if they are part of a multi-bulb fixture, especially in applications where consistent light output is critical.

5. TROUBLESHOOTING

If the Eiko 2102 bulb is not functioning as expected, consider the following troubleshooting steps:

- **Bulb Not Lighting Up:**
 - Check if the power supply to the fixture is active.
 - Ensure the bulb is correctly seated in the socket and the wire terminals make proper contact.
 - Verify that the fixture itself is operational and not faulty.
 - Confirm the voltage of the fixture matches the bulb's 18V requirement.
- **Bulb Appears Dim:**
 - Bulbs naturally dim over time. Consider replacing the bulb.
 - Ensure the bulb's voltage matches the fixture's output. Incorrect voltage can lead to underperformance.
- **Bulb Burns Out Quickly:**
 - Verify the fixture's voltage does not exceed the bulb's 18V rating. Overvoltage will significantly shorten bulb life.
 - Ensure proper ventilation around the bulb to prevent overheating.
 - Avoid touching the glass with bare hands during installation, as oils can cause premature failure.

6. SPECIFICATIONS

Specification	Detail
Manufacturer	Eiko
Part Number	2102
Item Model Number	2102
Voltage	18 Volts
Amperage	0.04A
Shape	T1.75
Type of Bulb	Incandescent (Halogen)
Material	Tungsten
Luminous Flux	1.89 Lumens
Item Weight	0.352 ounces
Product Dimensions	1 x 1 x 2.7 inches

7. WARRANTY AND SUPPORT

Specific warranty information for the Eiko 2102 bulb is typically provided at the point of purchase or on the product packaging. For detailed warranty terms, claims, or technical support, please refer to the official Eiko website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the manufacturer's official support channels.