

Amio 03625

AMiO 03625 Work Light Instruction Manual

Model: 03625

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your AMiO 03625 Work Light. Please read this manual thoroughly before using the product and retain it for future reference. This work light is designed for universal vehicle service, providing powerful and reliable illumination.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Ensure the power source matches the specified voltage range (9-36V DC). Incorrect voltage can damage the device or cause electrical hazards.
- **Installation:** Installation should be performed by a qualified professional if you are unsure about vehicle electrical systems. Ensure all connections are secure and insulated to prevent short circuits.
- **Mounting:** Mount the work light securely to a stable surface that can support its weight and withstand vibrations.
- **Heat:** The work light may become hot during extended operation. Avoid touching the housing directly and ensure adequate ventilation around the unit.
- **Water Resistance:** The product has an IP67 rating, indicating protection against dust and temporary immersion in water. However, avoid prolonged submersion or high-pressure water jets.
- **Eye Protection:** Do not stare directly into the light source when it is active, as it can cause eye strain or damage.

3. PACKAGE CONTENTS

Please check the package for the following items:

- AMiO 03625 Work Light Unit
- Mounting Bracket and Hardware (screws, nuts, washers)
- Instruction Manual (this document)



Figure 3.1: AMiO 03625 Work Light packaging.

This image shows the AMiO 03625 Work Light unit enclosed in its black retail packaging, indicating the product as it appears when unboxed.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your AMiO 03625 Work Light:

1. **Choose Mounting Location:** Select a suitable, stable location on your vehicle or equipment that provides optimal illumination and allows for secure mounting. Ensure the location does not obstruct other vehicle functions or lights.
2. **Mount the Bracket:** Use the provided mounting bracket and hardware to securely attach the bracket to the chosen surface. Mark and drill holes if necessary.
3. **Attach the Work Light:** Fasten the AMiO 03625 Work Light to the mounted bracket using the supplied hardware. Adjust the angle of the light for desired illumination coverage.
4. **Wiring:**
 - Connect the positive (+) wire from the work light to a switched 9-36V DC power source (e.g., a relay connected to the vehicle's battery).
 - Connect the negative (-) wire from the work light to a reliable ground point on the vehicle chassis.

- Ensure all connections are tight and protected from moisture and abrasion.

5. **Test Functionality:** Before finalizing the installation, briefly test the work light to ensure it powers on and off correctly.



Figure 4.1: Rear view with wiring.

This image displays the rear of the AMiO 03625 Work Light, highlighting the robust aluminum housing with integrated cooling fins and the attached power cable, essential for heat dissipation and electrical connection.



Figure 4.2: Front view of the work light.

A clear front view of the AMiO 03625 Work Light, showcasing its circular design, prominent 'BOSS' branding, and the arrangement of its LED elements.

5. OPERATING INSTRUCTIONS

The AMiO 03625 Work Light is designed for straightforward operation:

- **Power On/Off:** Once properly wired, the work light is controlled by the switch connected to its power source. Activate the switch to turn the light on, and deactivate it to turn the light off.
- **Beam Adjustment:** The light's angle can be adjusted by loosening the mounting bolts on the bracket, repositioning the light, and then securely tightening the bolts.
- **Multifunctionality:** This work light may feature multiple lighting modes (e.g., main beam, position light, flashing). Refer to your vehicle's wiring configuration or additional control modules for specific mode activation, if applicable.



Figure 5.1: Work light in operation.

This image shows the AMiO 03625 Work Light fully illuminated, featuring a distinctive amber outer ring and the 'BOSS' text glowing in red, demonstrating its operational appearance.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AMiO 03625 Work Light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspection:** Regularly inspect the mounting hardware and wiring for any signs of wear, corrosion, or looseness. Tighten any loose fasteners.
- **Damage:** If the housing or lens becomes damaged, consider replacing the unit to maintain its IP67 rating and light output.

7. TROUBLESHOOTING

If you encounter issues with your AMiO 03625 Work Light, refer to the following common problems and solutions:

• **Light Does Not Turn On:**

- Check the power connection: Ensure the positive and negative wires are correctly connected and secure.
- Verify power source: Confirm that the 9-36V DC power source is active and providing power.
- Inspect fuse/breaker: Check if any inline fuse or circuit breaker in the wiring circuit has tripped or blown.
- Examine switch: Ensure the control switch is functioning correctly.

• **Light Flickers or is Dim:**

- Check for loose connections: Tighten all electrical connections.
- Verify voltage: Ensure the input voltage is within the 9-36V range and stable.
- Inspect wiring: Look for damaged or corroded wires.

• **Moisture Inside Lens:**

- While rated IP67, extreme temperature changes or prolonged exposure to high-pressure water can sometimes cause condensation. If persistent, inspect the seals for damage.

8. SPECIFICATIONS

Feature	Specification
Model Number	03625
Manufacturer Part Number	5903293036259
Brand	AMiO
Dimensions (L x W x H)	18.8 x 18.7 x 10.7 cm
Weight	692 g
Height	170 mm
Width	65 mm
Protection Type (IP Code)	IP67
Operating Voltage	9-36 V DC
Operating Temperature	-30°C to 50°C
Luminous Flux	8100 lm
Color Temperature	6500 K
Housing Type	Aluminum Casing
Rated Power	55 W
Vehicle Service Type	Universal

9. WARRANTY AND SUPPORT

AMiO products are manufactured to high-quality standards. For warranty information, please refer to the terms and conditions provided at the point of purchase or contact your retailer. For technical support or inquiries, please reach out to your authorized AMiO dealer or visit the official AMiO website.

Note: Keep your purchase receipt as proof of purchase for warranty claims.