

Model-NXL88-Gk1053

Generic RE250562 Tractor LED Warning Light User Manual

Model: Model-NXL88-Gk1053

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Generic RE250562 Tractor LED Warning Light. This LED warning light is designed for use with various John Deere tractor models, sprayers, and extremity arms, enhancing visibility and safety during operation. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or property damage.

- Always disconnect the tractor's battery before performing any electrical work to prevent electrical shock or short circuits.
- Ensure all wiring connections are secure and properly insulated to prevent corrosion and electrical hazards.
- Mount the warning light in a location that provides maximum visibility without obstructing the operator's view or interfering with moving parts.
- Verify that the operating voltage of the light matches the electrical system of your tractor.
- Do not modify the light or its components. Use only genuine replacement parts if necessary.
- Consult a qualified technician if you are unsure about any installation or wiring procedures.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x RE250562 Tractor LED Warning Light
- Mounting Hardware (bolts, nuts, washers)
- Basic Wiring Harness (may vary by package)

If any items are missing or damaged, please contact your supplier immediately.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the LED warning light:

1. **Prepare the Tractor:** Ensure the tractor is turned off, the engine is cool, and the battery is disconnected. Park on a level surface and engage the parking brake.
2. **Choose Mounting Location:** Select a suitable location on your John Deere tractor (e.g., fender, cab, extremity arm) that offers clear visibility and is free from obstructions. Ensure the surface is flat and strong enough to support the light.
3. **Mount the Light:**



Image 1: Example of the RE250562 Tractor LED Warning Light. This image shows the LED warning light, typically rectangular or square, with a clear lens and a robust housing, ready for mounting.

Using the provided mounting hardware, securely attach the warning light to the chosen location. Drill pilot holes if necessary, ensuring they are appropriately sized for the bolts. Do not overtighten, but ensure the light is firmly fixed and will not vibrate loose during operation.

4. **Wiring Connections:**

- Identify the positive (+) and negative (-) wires from the warning light.
- Connect the positive wire from the light to a switched 12V or 24V power source on your tractor (e.g., a dedicated accessory circuit or a switch-controlled power line). It is recommended to use an inline fuse for protection.
- Connect the negative wire from the light to a good chassis ground point on the tractor.
- Ensure all connections are clean, tight, and protected from moisture and abrasion using electrical tape or heat shrink tubing.

5. **Test Functionality:** Reconnect the tractor battery. Turn on the ignition and activate the circuit connected to the warning light to ensure it functions correctly.

5. OPERATING INSTRUCTIONS

The RE250562 LED Warning Light is designed for simple operation.

- Once properly installed and wired, the light will activate when the connected electrical circuit on your tractor is switched on.
- Ensure the light is visible to others, especially when operating in low-light conditions, on public roads, or in areas with other personnel.
- Regularly check the light's functionality before each use to ensure it is operating correctly.

6. MAINTENANCE

To ensure the longevity and optimal performance of your LED warning light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the lens and housing with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the plastic.
- **Inspection:** Regularly inspect the light for any signs of damage, such as cracks in the lens or housing, loose wiring, or corrosion on the terminals.
- **Wiring:** Check all electrical connections for tightness and ensure insulation is intact. Repair or replace any damaged wiring immediately.
- **Mounting:** Verify that the mounting hardware remains secure. Tighten any loose bolts or nuts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> • No power to the light. • Loose or corroded wiring connection. • Blown fuse in the circuit. • Faulty light unit. 	<ul style="list-style-type: none"> • Check power source and switch. • Inspect and secure all wiring connections. Clean any corrosion. • Replace the fuse if blown. • If all else fails, the light unit may need replacement.
Light flickers or is dim.	<ul style="list-style-type: none"> • Poor electrical connection. • Insufficient voltage. • Internal wiring issue. 	<ul style="list-style-type: none"> • Check and tighten all connections, especially ground. • Verify tractor's electrical system voltage. • Contact supplier for possible replacement.
Moisture inside the lens.	<ul style="list-style-type: none"> • Seal compromised. • Improper installation. 	<ul style="list-style-type: none"> • Inspect the housing and seals for damage. • Ensure mounting is flush and secure to prevent water ingress.

8. SPECIFICATIONS

Feature	Detail
Model Number	Model-NXL88-Gk1053

Feature	Detail
OEM Part Number	RE250562 (Replaces RE284891, RE172010, RE199920)
Compatibility	John Deere Tractors, Sprayers, Extremity Arms (Models: 4040, 4050, 4055, 4230, 4240, 4250, 4255, 4430, 4440, 4450, 4455, 4555, 4560, 4630, 4640, 4650, 4755, 4760, 4840, 4850, 4955, 4960, 6105M, 6105R, 6110M, 6110R, 6115M, 6115R, 6120, 6120M, 6120R, 6125M, 6125R, 6130M, 6130R, 6140M, 6140R, 6145M, 6145R, 6150M, 6150R, 6150RH, 6155M, 6155R, 6155RH, 6170M, 6170R, 6175M, 6175R, 6190R, 6195M, 6210R, 6215, 6215R, 6220, 6230, 6320, 6330, 6415, 6420, 6430, 6615, 6715, 7130, 7200, 7200R, 7210, 7210R, 7215R, 7220, 7230R, 7250R, 7260R, 7270R, 7280R, 7290R, 7310R, 7320, 7400, 7410, 7420, 7430, 7510, 7520, 7530, 7600, 7610, 7630, 7700, 7710, 7720, 7730, 7800, 7810, 7820, 7830, 7920, 7930, 8100, 8100T, 8110, 8110T, 8120, 8120T, 8130, 8200, 8200T, 8210, 8210T, 8220, 8220T, 8225R, 8230, 8235R, 8245R, 8260R, 8270R, 8295R, 8295RT, 8300, 8300T, 8310, 8310R, 8310RT, 8310T, 8320, 8320R, 8320RT, 8320T, 8330, 8330T, 8335R, 8345R, 8345RT, 8360R, 8360RT, 8370R, 8370RT, 8400, 8400R, 8400T, 8410, 8410T, 8420, 8420T, 8430, 8440, 8450, 8520, 8520T, 8530, 8560, 8630, 8640, 8760, 8850, 8960, 9360R, 9410R, 9460R, 9510R, 9560R; Sprayer: 4630, R4023)
Exterior Finish	Metallic Finish
Manufacturer	-W-P-
ASIN	B0DNGHFZ22
First Available	November 18, 2024

9. WARRANTY AND SUPPORT

Specific warranty information for this Generic product is not provided in the product details. For warranty claims or technical support, please contact the seller or manufacturer directly through your purchase platform. Keep your proof of purchase for any warranty inquiries.