

RodRock Enterprises LED MAGNETIC WIRELESS TOW LIGHTS User Manual

Manualsum, simplified manuals

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FCC id: [2BKBH-2060090](#)



Specifications

Battery Type	3.7V / 6000mA Rechargeable Li-ion
Charger Rating	5V / 2A
Charge Time	11 hours
Connector	Transmitter 4-Way Flat / 7-Pin Round

Important Safety Information

1. Observe posted speed limits to prevent lights from blowing off.
2. Securely attach lights to vehicle before moving. Loose lights are a traffic hazard.
3. Thoroughly test vehicle lights and tow lights before use.
4. Mount lights in proper orientation. Red lights must face backward. Improper orientation can confuse or distract drivers, causing a traffic hazard.
5. Turn off vehicle and set the parking brake before installation or testing.
6. Do not use on marine trailers (such as boat trailers). Not submersible.
7. Wear ANSI-approved impact safety goggles and heavy-duty work gloves during installation and use.
8. Do not modify the Towing Light Kit and do not use the Towing Light Kit for a purpose for which it was not intended.

9. Inspect before use; do not use if parts are loose or damaged. Inspect wires and connections for insulation damage or loose wires and repair before use.
10. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
11. This product is not a toy. Keep it out of reach of children.
12. Check light position and function regularly when towing, especially on rough or uneven surfaces, or in windy conditions. The magnets may lose their grip on the vehicle under extreme circumstances.
13. Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY. Do not short, incinerate or open battery.
14. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SAVE THESE INSTRUCTIONS.

Setup

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this document including all text under subheadings therein before set up or use of this product.

Towing Vehicle Installation

1. Before installing, check the battery power of each light by pressing the Power button. If less than two indicator lights turn on, charge each light fully before operation. A full charge will take 11 hours.
2. To help avoid scratches, clean the mounting locations and make sure the magnetic bases are free of debris before mounting.
3. Set the lights on the back of the vehicle being towed so that the red side of each light faces backwards.
4. Each light is clearly marked with 'Driver' and 'Passenger,' indicating the side of the tow vehicle where they should be placed. Mount lights according to these markings.
5. Mount the tow lights high, whenever possible. Try to maintain a distance of 6 to 8 feet between the two tow lights. Choose a location that offers complete visibility to ALL following vehicles at ALL times.

Note: Check your state's regulations on tail light spacing.



6. **CAUTION!** Have an assistant operate the vehicle's lights while you carefully check that the vehicle lights and the towing lights all work properly.

- The tow lights should both light when the towing vehicle's running lights are switched on.
- The tow lights should both light brightly as you apply the brake.
- The tow lights should flash brightly for left turn and right turn, AND match tow vehicle flashing with respect to driver side or passenger side.

If ANY function of the vehicle lights or towing lights does not work, do not drive the towing vehicle until all lights are repaired and retested successfully.

Charging

1. Insert the end of the Charging Cable into the charge port underneath each light.
2. Plug other end of the Charging Cable into the USB port of the Charger.
3. Plug Charger into a 2A electrical outlet.
4. To charge the lights while inside your vehicle, connect Charging Cable to the Cigarette Plug Charger.
5. Connect Cigarette Plug Charger to the vehicle's cigarette plug, if provided.

Operation

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TO PREVENT SERIOUS INJURY OR DEATH FROM DRIVING HAZARDS: Park on level area away from traffic and set vehicle parking brake/chock tires. Test operation of all lights before every use. Troubleshoot and repair before using. Do not use while trailer light operation does not match vehicle light operation, if any lights do not light up, or if any lights flicker.

Operating Instructions

WARNING: Make sure the Transmitter is secured to the body or chassis of the tow vehicle and is not hanging anywhere near the road surface.

1. Connect Transmitter to the four-pin or seven-pin towing light connector on the tow vehicle.
2. Press the Power button at the top of each light TWICE to turn on. Each light will flash briefly when turned on.
3. The Towing Light Kit is now ready for use. It will automatically illuminate when running lamps, brake pedal or turn signals in the towing vehicle are used.
4. Test each vehicle function before towing, making sure that tow lights respond properly.
5. After towing, disconnect Transmitter, remove tow lights from towed vehicle, clean with a moist cloth, and store in dry location out of reach of children. Do not drag the magnetic bases to disconnect, as they may scratch the body paint. Push to tilt then remove.

Battery Disposal

1. Using a hammer (sold separately), break the light open from the side, where the lens and housing are welded together.
2. Remove the lens.
3. Using a screwdriver (sold separately), disassemble the circuit board to access the battery.
4. Remove the battery.

Troubleshooting

Problem

Possible Causes

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No lights light up.

1. Vehicle's running lights off.
2. Loose connection on tow vehicle wiring harness.
3. Batteries in lights are empty.
4. Transmitter not plugged into tow vehicle or connection is loose.

Trailer light operation does not match vehicle light operation. Tow vehicle harness not wired properly to vehicle electrical system.

A specific light does not light up or flickers.

Light or transmitter is faulty.

All lights flicker.

Transmitter is loose.

Vehicle's fuse blows repeatedly.

Short circuit somewhere in wiring or lights. Diagnose to isolate and repair the problem.



Follow all safety precautions whenever diagnosing or servicing the lights. Park on level area away from traffic and set vehicle parking brake/chock tires.

PLEASE READ THE FOLLOWING CAREFULLY

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Parts List and Diagram

Part	Description	Qty.
1	Tow Light Driver Side	1
2	Tow Light Passenger Side	1

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- 3 7-Pin/4-Pin Wireless Transmitter 1
- 4 5V 2A Charger 1
- 5 USB Charging Cable 1
- 6 Cigarette Plug Charger 1

