

Congratulations on your purchase of this LED lighting system from Trail Master.

These new lights feature state-of-the-art construction and industry-leading features. Whether you are using your rig for rock crawling, hunting game, playing in the sand, or hitting the desert, you can count on Trail Master LEDs to light up the terrain.

Check out the complete line of high quality Trail Master products at TrailMasterSuspension.com

Light includes:

AAllen Screw Bolt (2)

BMounting Bracket (2)

CLight Bar

Not pictured: Wiring Harness

Important!

- THIS INSTALLATION REQUIRES A PROFESSIONAL MECHANIC
- Check the parts and hardware against the parts list to make sure your kit is complete.
- ALWAYS wear safety glasses when using power tools or working on the vehicle.

Electrical Hazard

- Disconnect the battery ground cable before working on the lights
- Make sure the lights are properly grounded.
- DO NOT use battery while connecting lights.
- Remove all jewelry during the installation.
- Be sure the work area is clear of any fuel lines, fuel tank, brake lines, electrical wires, etc. before drilling.

Electrical, burn and Fire Hazard

- Always use the control switches, relays and harness provided with the kit.
- DO NOT modify the bulb, switch, relay and harness, ballast.
- DO NOT use bulbs other than those specified.
- DO NOT touch the lamp during or immediately after use with fingers or bare skin.
- DO NOT look directly at the lamp or work near the operating lamp for an extended period of time.
- DO NOT route the wiring harness near any sharp edges, hot surfaces or moving parts.
- Be sure to secure the wiring harness to avoid damage, electrical shorts or fire.

Equipment Damage

- Make sure bolts are tightened properly.
- DO NOT operate the lights with the covers installed.
- DO NOT turn the lights on and off frequently.
- Choose a flat area with adequate space for installation.
- Install light with the drain holes facing down (allowing any water to drain).

LED Light Installation

1. Disconnect the negative (-) ground cable from the battery.
2. Select a location on the vehicle to mount the Trail Master light.
3. The mounting location should be a solid, vibration-free mounting point that provides adequate clearance for the light housing and easy access to the mounting hardware.
4. The selected mounting surface should be flat and larger than the light mounting bracket base.
5. Insert mounting brackets onto the light as shown in Diagram A. Secure hardware to a snug position and mount your light into desired location.
IMPORTANT! DO NOT block other vehicle lighting such as headlamps, turn signals, fog lamps, etc. with the new lights.
IMPORTANT! DO NOT block any engine cooling or intake air openings with the new lights.

Wiring Harness Connection

1. Install the switch inside the vehicle cabin in a convenient location.
2. Drill or locate a mounting hole for the relay.
3. Secure the relay to the previously drilled hole using a sheet metal screw. Tighten screw.
NOTE: The relay should be installed with the terminals facing down. This reduces the possibility of water entry.
4. Connect the switch and light wires to the relay. Check that all connections are secure at this time.
5. Attach the red wire to positive (+) 12 volt DC battery terminal.
6. Attach large black wire to the negative (-) 12 volt DC battery terminal.
7. Use wire ties to secure the wires to the vehicle and/or bundle the excess harness wires together.
8. Re-attach the vehicle battery cables, positive (+) and negative (-). Attach the ground last

