



NITRUM LED LIGHT RETROFIT INSTRUCTION SHEET



Please read these instructions carefully before beginning the assembly. Failure to understand and follow assembly instructions may result in injury to technician and/or end user and may void the warranty. If you have any questions call Sunrise Medical Technical Support at +1 (800) 333-4000.

Parts:


1. Self-Tapping Screws (qty 2)
2. LED Light including cable (left)
3. LED Light including cable (right)
4. Controller Box including Battery
5. Reinforced Calf Strap
6. Velcro Zip-ties (qty 2)

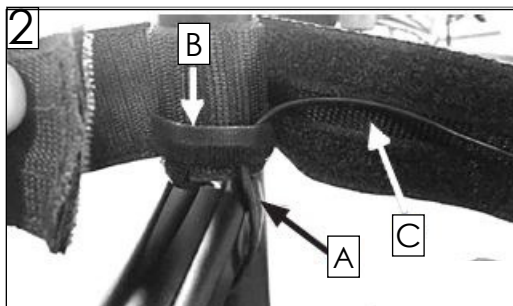
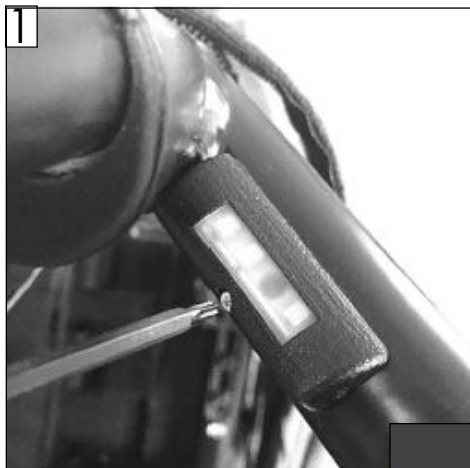
Required tools:

1. Phillips Screwdriver #1
2. Scissors

The LED lights are mounted to the caster-links using adhesive tape and an allen screw. The calf strap is designed as a cable guide and reinforced to bear the weight of the controller box.

Mounting instructions:

1. Clean and degrease the bottom side of the caster-links on both sides of the chair.
2. Pull the protective layer off the double adhesive tape on the bottom of the left-hand-side LED light.
3. Insert the self-tapping screw into the bore on the LED housing, and align the LED housing on the caster-link (without already sticking the adhesive tape on the caster-link) so that the screw is aligned with the bore on the caster-link. The LEDs are facing toward the front of the wheelchair.
4. Press the adhesive tape onto the caster-link to connect the LED housing with the caster link. Press and hold for 20 seconds.
5. Tighten the self-tapping screw with a max torque of 2 Nm (18 in-lb). (Fig. 1) 
6. Repeat above for the right-hand-side LED light.
7. Mount the calf strap and adjust length as necessary.
8. Route the cables of the LED lights (A) along the frame toward the calf strap. Use Velcro® zip-ties (B) to tighten the cables to the frame underneath the calf strap (Fig. 2).
9. Route the cables through the Velcro® channel (C) on the backside of the calf strap toward the middle of the calf strap (Fig. 2).
10. Clip the controller box on the calf strap, so that it is located in the middle of the calf strap (Fig. 3). The USB connector is facing toward the front of the wheelchair.
11. Insert the LED cable pins into the connectors on each side of the controller box.
12. Cut the rear cover of the calf strap to length and use Velcro® to attach it to the rear side of the calf strap so that it covers the cables and the controller box.

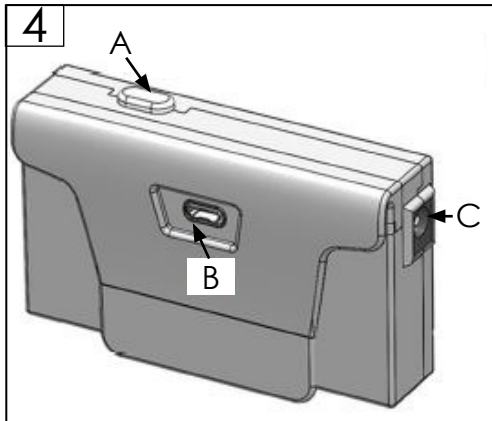


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Battery Specification:

Battery Type	Lithium-Ion
Nominal capacity	2600mAh
Nominal voltage	3.6V
Charging time	3 hours

WARNING

Before you use the LED light for the first time, please make sure to fully charge the battery

- The Control Box contains a Lithium-Ion battery, which is a hazardous product.
- Electrical and electronic equipment need to be disposed of separately to general household waste at specific state provided locations. The correct disposal and separate collection of used appliances serves to prevent potential damage to health and the environment. It is a requirement for the re-utilization and recycling of used electrical and electronic equipment.
- Detailed information on the disposal of your used equipment can be obtained from your local authority, your waste disposal service, the specialist dealer from which you purchased the product, or your sales contact.



Instructions for Operation:

Switching the lights on: by pushing the button A on top of the control box (Fig. 4), you can cycle through operating modes of the LEDs:

1. Full power mode
2. Low power mode
3. Flash mode
4. Off

The charging status of the battery is indicated by the backlit button A:

- red: charging-status <50%
- red (when battery is connected to the charger): battery is charging
- green (when battery is connected to the charger): battery fully charged

1. Remove the control box from the calf strap for charging: detach cables on the sides by gently pulling the pins out of the connectors (C) (Fig. 4). Now pull the control box upward to remove it from the calf strap.
2. Charge the battery: connect the USB-cable to the connector (B) on the front-side of the control box (Fig. 4). Use a standard USB charger or your computer's USB-port to charge the battery. Green light will indicate a fully charged battery.

DEALER/TECHNICIAN WARNING

Attention dealers and qualified technicians, do not operate or service this device without first reading the owners manual. If you do not understand the instructions and warnings in the owners manual please contact the Sunrise Medical Technical Service Department before operating and/or servicing the Quickie device. Failure to do so may result in damage and/or injury. **Find more information and important warnings see the wheelchair owner's manual or at: www.Sunrisemedical.com.**

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