

## NEIKO 40447A

# NEIKO 40447A Rechargeable Cordless Underhood Work Light Instruction Manual

## 1. PRODUCT OVERVIEW

The NEIKO 40447A Rechargeable Cordless Underhood Work Light is designed to provide powerful and versatile illumination for automotive repair, detailing, and various other tasks. Featuring 202 SMD LED bulbs, an 8,000-mAh rechargeable Li-ion battery, and two brightness modes, this light bar ensures optimal visibility in challenging environments.

Key features include:

- **Bright Illumination:** 202 SMD LED bulbs provide up to 1,200 lumens.
- **Dual Brightness Modes:** Choose between high (1100–1200 lumens, 3-hour run time) and low (550–650 lumens, 6-hour run time).
- **Rechargeable Battery:** Equipped with an 8,000-mAh Li-ion battery for extended use.
- **Adjustable Length:** The light-holding tube expands from 47 inches to 76 inches to fit various hood sizes.
- **Versatile Mounting:** Includes foam-cushioned protective end hooks for hood mounting and 2 detachable magnetic hooks for metal surfaces.
- **Durable Construction:** Impact-resistant polycarbonate housing and lens casings ensure longevity.

## 2. PACKAGE CONTENTS

Ensure all items are present before proceeding with setup:

- NEIKO 40447A Rechargeable Underhood Work Light
- UL/cUL-certified Charger
- 2 Detachable Magnetic Hooks

## 3. SETUP AND INSTALLATION

### 3.1 Attaching to Vehicle Hood

The work light features spring-loaded, foam-cushioned protective end hooks designed to securely attach to

the underside of a vehicle's hood without causing damage.

1. Extend the light bar by pulling the ends apart until it spans the width of your vehicle's hood. The bar is adjustable from 47 to 76 inches.
2. Position the foam-cushioned hooks over the edges of the hood, ensuring a snug fit. The spring mechanism will hold the light securely in place.
3. Adjust the light's angle by rotating the light bar within the clips to direct illumination precisely where needed.



Image: The NEIKO 40447A work light demonstrating its extendable feature, adjusting from 47 inches to 76 inches to fit various hood sizes.

### 3.2 Using Magnetic Mounts

For metal surfaces, the detachable magnetic hooks provide an alternative mounting solution.

1. Remove the foam-cushioned hooks if they are attached.
2. Attach the two magnetic hooks to the designated points on the light bar.
3. Place the magnetic hooks onto any suitable metal surface, such as the side of a vehicle or a metal workbench, to secure the light.



Image: An exploded view of the NEIKO 40447A work light, highlighting its impact-resistant housing, ergonomic grips, cushioned protective end hooks, low battery indicator, UL/CL certified charger, and detachable magnetic mounts.

## 4. OPERATING INSTRUCTIONS

The NEIKO 40447A features two brightness modes for varying lighting needs.

1. **Power On/Off:** Locate the power button on the light bar. Press once to turn the light on.
2. **Switch Brightness Modes:** With the light on, press the power button again to cycle between the high and low brightness settings.
3. **High Mode:** Provides 1100–1200 lumens for maximum illumination, with approximately 3 hours of run time.
4. **Low Mode:** Provides 550–650 lumens for extended use, with approximately 6 hours of run time.



# 202

Next Generation  
**SMD** LED Bulbs



# 8000mAh

Large Capacity **Li-ion** Battery

## BRIGHTNESS MODES



**HIGH MODE:**

1200 Lumens Brightness  
3 Hours Run Time



**LOW MODE:**

600 Lumens Brightness  
6 Hours Run Time



Image: A close-up of the NEIKO 40447A work light, detailing its 202 SMD LED bulbs, 8000mAh Li-ion battery, and illustrating the high (1200 lumens) and low (600 lumens) brightness modes with their respective run times.

### 4.1 Usage Examples

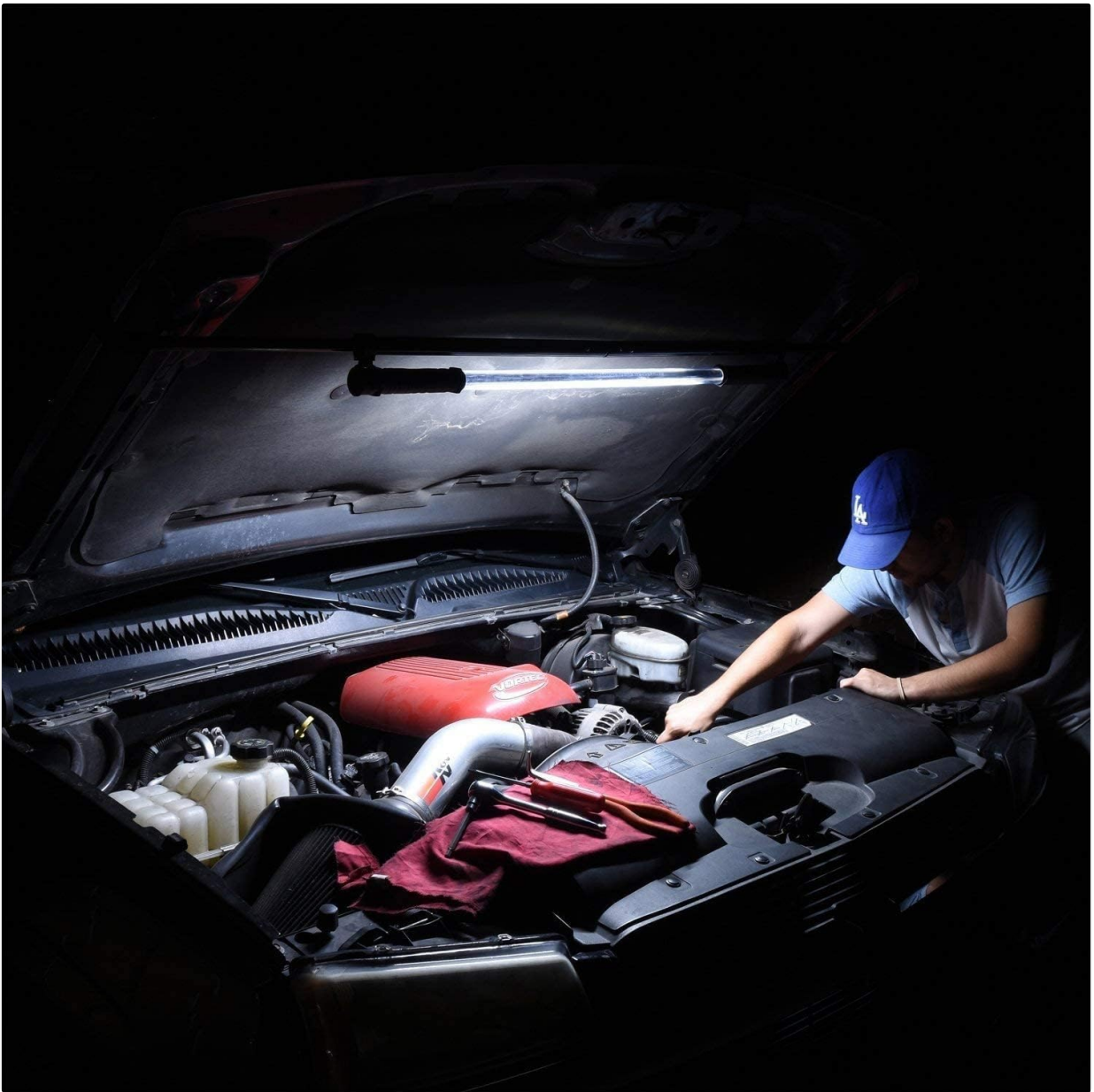


Image: The NEIKO 40447A work light mounted under the hood of a car, providing bright illumination to the engine bay for maintenance or repair tasks.



Image: The NEIKO 40447A work light positioned inside a car, providing ample light for interior detailing or repairs.



Image: The NEIKO 40447A work light magnetically attached to the side of a car, illuminating the wheel well area for tire changes or brake inspections.

## 5. CHARGING INSTRUCTIONS

---

The work light is powered by an 8,000-mAh Li-ion battery and comes with a UL/cUL-certified charger.

1. Connect the provided UL/cUL-certified charger to the charging port on the light bar.
2. Plug the charger into a standard electrical outlet.
3. The light features overcharge protection to prevent battery damage.
4. A full charge typically takes approximately 4.5 hours.

## 6. MAINTENANCE

---

To ensure the longevity and optimal performance of your NEIKO 40447A work light, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the light bar and housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the polycarbonate material.
- **Storage:** Store the work light in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** For best battery life, avoid completely draining the battery before recharging. Recharge regularly, even if not in frequent use.

## 7. TROUBLESHOOTING

---

If you encounter any issues with your NEIKO 40447A work light, consider the following:

- **Light Not Turning On:** Ensure the battery is charged. Connect the charger and allow sufficient time for charging.
- **Dim Light Output:** The battery may be low. Recharge the unit fully.
- **Intermittent Operation:** Check the charging port and cable for any damage or loose connections.

If problems persist, please refer to the warranty and support information.

## 8. SPECIFICATIONS

---

Feature	Detail
Model Number	40447A
Light Source Type	202 SMD LED
Maximum Light Output	1200 Lumens
Battery Type	8,000-mAh Lithium-Ion
High Mode Run Time	3 hours
Low Mode Run Time	6 hours
Charging Time	Approx. 4.5 hours
Adjustable Length	47" to 76"
Material	Polycarbonate (PC) and Steel
Mounting Type	Hooks, Magnetic Mount
Included Components	Neiko 40447A Rechargeable Underhood Work Light

## 9. WARRANTY AND SUPPORT

---

This product comes with a manufacturer's warranty. For specific details regarding warranty coverage and to access customer support, please refer to the documentation included with your purchase or visit the official NEIKO website. (Manufacturer Warranty Description: N/a.)

## 10. PRODUCT VIDEO

---

Video: An official product video from NEIKO showcasing the features and benefits of the NEIKO 40447A Rechargeable Cordless Underhood Work Light, including its brightness, mounting options, and versatility in various work environments.