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S-LONG USA580801

S-LONG Cordless Ratchet Wrench Set User Manual

Model: USA580801

Introduction

Thank you for purchasing the S-LONG Cordless Ratchet Wrench Set. This manual provides important information regarding the safe operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

Always wear appropriate personal protective equipment, such as safety glasses, when operating the ratchet wrench. Ensure the workpiece is stable and secure. Keep hands and loose clothing away from moving parts. Do not operate the tool in damp or wet conditions. Store the tool and batteries in a dry, secure location away from children.

- Always disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Do not expose the tool or battery to water or excessive heat.
- Use only S-LONG recommended accessories and replacement parts.
- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Avoid accidental starting. Ensure the switch is in the off-position before inserting battery pack.

Package Contents



Figure 1: Complete S-LONG Cordless Ratchet Wrench Kit contents.

Your S-LONG Cordless Ratchet Wrench Set includes the following items:

- 1 x Power Ratchet Wrench
- 1 x Carrying Case
- 1 x Fast Charger
- 1 x Manual Ratchet (for additional leverage if needed)
- 2 x 2000mAh Lithium-Ion Batteries
- 1 x 1/4" Socket Adapter

- 2 x Long Sockets
- 2 x Screwdrivers
- 8 x Pieces Nut Kits (various sizes)

Product Overview



Figure 2: S-LONG Cordless Ratchet Wrench and included accessories.

The S-LONG Cordless Ratchet Wrench is designed for efficient fastening and unscrewing of bolts and nuts in various applications, including furniture assembly, auto mechanics, and mechanical repair. It features a compact design for accessing tight spaces and a powerful 12-volt motor.

Key Features:

- **High Performance:** Equipped with a 12-volt high-spec motor, delivering a max torque at 400 RPM with a variable-speed trigger for precise control.
- **Built-in LED & Power Indicator:** An integrated LED work light illuminates dim working environments, and a power indicator displays the remaining battery charge.

- **Compact & Lightweight:** Weighing only 1.8 lbs, its slim working head allows access to confined areas.

Setup

1. Charging the Battery



Figure 3: Charging the Lithium-Ion battery.

1. Connect the fast charger to a standard electrical outlet.
2. Insert one of the 2000mAh Lithium-Ion batteries into the charger.
3. The charger's indicator light will show the charging status. A full charge typically takes approximately 1 hour.
4. Once fully charged, remove the battery from the charger.

2. Installing the Battery

1. Ensure the ratchet wrench is turned off.
2. Align the charged battery pack with the battery slot on the bottom of the wrench handle.
3. Slide the battery into the slot until it clicks securely into place.

Operating Instructions

1. Attaching Sockets

1. Select the appropriate socket size for your application from the included nut kits.
2. Align the square drive of the socket with the drive anvil on the ratchet wrench.
3. Push the socket firmly onto the drive anvil until it locks into place.
4. To remove, pull the socket off the drive anvil.

2. Forward/Reverse Switch



Figure 4: Location of the Forward/Reverse switch.

The forward/reverse switch is located on the head of the ratchet wrench. Push the switch to the left for forward (tightening) rotation and to the right for reverse (loosening) rotation. Ensure the switch is fully engaged in the desired direction before operating.

3. Variable Speed Trigger



Figure 5: The variable speed trigger.

The ratchet wrench features a variable speed trigger. The speed of the wrench increases as you press the trigger further. This allows for precise control over the fastening or loosening process. Release the trigger to stop the tool.

4. Using the LED Work Light

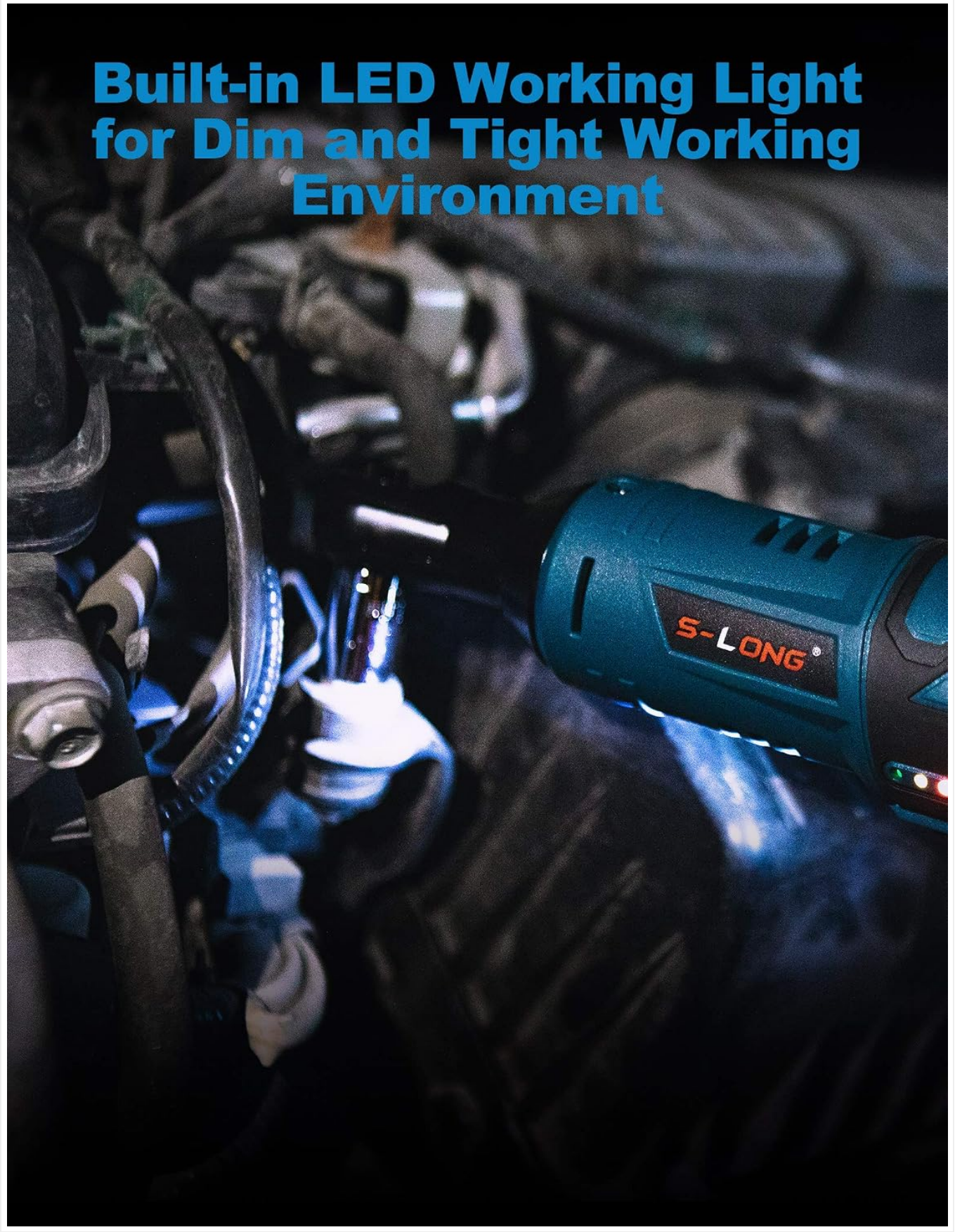


Figure 6: The LED work light in action.

The built-in LED work light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas. This feature is particularly useful when working in tight or confined spaces.

5. Accessing Tight Spaces

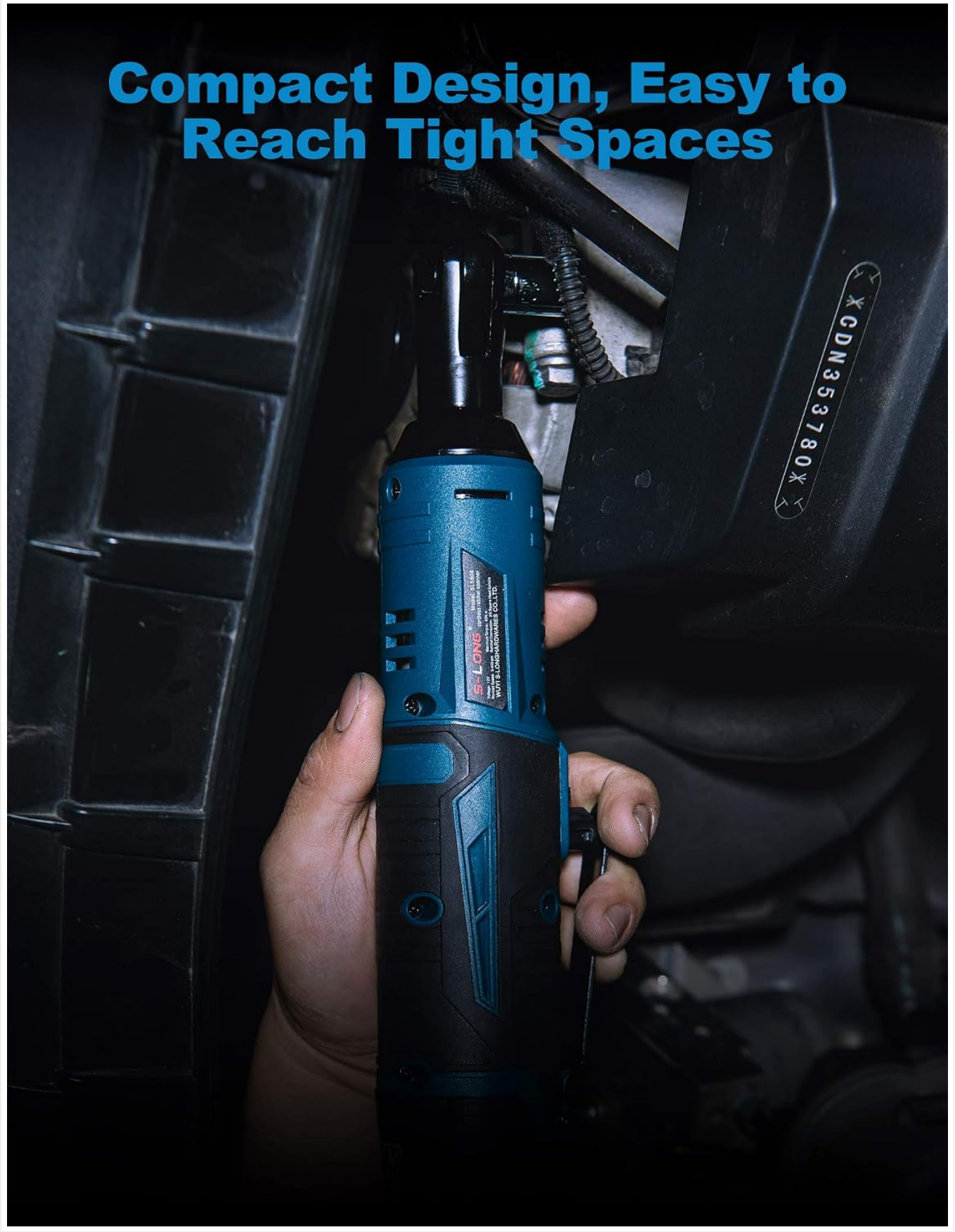


Figure 7: The compact design allows access to tight spaces.

The slim profile and compact head of the S-LONG ratchet wrench are specifically designed to reach fasteners in restricted or hard-to-access areas, making it ideal for automotive and other intricate mechanical tasks.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your S-LONG Cordless Ratchet Wrench.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove dust, dirt, and debris. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool, batteries, and charger in the provided carrying case in a cool, dry place, away from direct sunlight and moisture.
- **Battery Care:** Fully charge batteries before long-term storage. Recharge batteries every 3-6 months if not in use to maintain battery health.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose parts, or wear. If any issues are found, discontinue use and contact customer support.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged.	Ensure battery is fully seated. Charge the battery.
Reduced power or speed.	Low battery charge.	Recharge the battery.
Tool stops during operation.	Overload protection activated.	Reduce pressure on the tool. Allow tool to cool down.
Socket does not attach securely.	Incorrect socket size or debris on drive anvil.	Use correct socket. Clean drive anvil.

If you encounter issues not listed here, or if the problem persists, please contact S-LONG customer support.

Specifications

- **Model:** USA580801
- **Voltage:** 12 Volts
- **Max RPM:** 400 RPM
- **Max Torque:** 70 Newton Meters
- **Item Weight:** 1.8 lbs (tool only), 4.4 pounds (total package)
- **Product Dimensions:** 10.24 x 3.54 x 11.81 inches
- **Battery Type:** Lithium-Cobalt (2000mAh)
- **Charge Time:** Approximately 1 hour

Warranty and Support

S-LONG stands behind the quality of its products. If you receive a defective product, please contact us immediately for a replacement unit. No return is required for defective items. For further assistance, technical support, or warranty claims, please visit the official S-LONG website or contact our customer service team.
S-LONG Official Store: https://www.amazon.com/stores/S-LONG/page/47D31B89-AA88-4629-9BBA-ADCFF14DB68A

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