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> [STANLEY SCH121S2-B1 10.8V Li-Ion Cordless Hammer Drill Driver Instruction Manual](#)

STANLEY SCH12S2K

STANLEY SCH121S2-B1 10.8V Li-Ion Cordless Hammer Drill Driver Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your STANLEY SCH121S2-B1 10.8V Li-Ion Cordless Hammer Drill Driver. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your STANLEY Cordless Hammer Drill Driver.



Figure 1: The STANLEY SCH121S2-B1 10.8V Li-Ion Cordless Hammer Drill Driver. This image shows the complete drill driver unit with the battery attached, highlighting its compact and ergonomic design.

Key Components:

1. **Chuck:** Holds drill bits and screwdriver bits securely.
2. **Torque/Mode Selector Ring:** Adjusts torque settings for screwdriving and selects drill or hammer drill mode.
3. **Speed Selector Switch:** Controls the high or low-speed range.
4. **Forward/Reverse Switch:** Changes the rotation direction of the chuck.
5. **Trigger Switch:** Activates the tool and controls variable speed.
6. **Battery Pack:** Provides power to the tool.
7. **Battery Release Button:** Used to detach the battery pack.



Figure 2: Close-up view of the torque and mode selector ring. This ring allows users to select between various torque settings for screwdriving, and dedicated modes for drilling and hammer drilling.



Figure 3: Detailed view of the keyless chuck. The chuck is designed for quick and easy insertion and removal of drill bits and screwdriver bits without the need for a separate key.

4. SETUP

4.1. Charging the Battery Pack

The battery pack is not fully charged at the factory. Before first use, the battery pack must be fully charged.

1. Plug the charger into an appropriate outlet.
2. Slide the battery pack onto the charger as shown in Figure 4. Ensure it is fully seated.
3. The charging indicator light on the charger will illuminate, indicating the charging status. Refer to the charger's specific instructions for light patterns.
4. Once charging is complete, remove the battery pack from the charger.



Figure 4: The STANLEY 10.8V Li-Ion battery charger with a battery pack inserted. This image illustrates how the battery connects to the charger for replenishment.

4.2. Installing and Removing the Battery Pack

- **To Install:** Align the battery pack with the base of the tool and slide it in until it clicks securely into place.
- **To Remove:** Press the battery release button and slide the battery pack out of the tool.

4.3. Installing and Removing Drill/Screwdriver Bits

1. **To Install:** Rotate the chuck collar counter-clockwise to open the chuck jaws. Insert the bit fully into the chuck. Rotate the chuck collar clockwise to tighten the jaws securely around the bit.
2. **To Remove:** Rotate the chuck collar counter-clockwise to loosen the jaws and pull the bit out.

5. OPERATING INSTRUCTIONS

5.1. Selecting Speed

The tool has two speed ranges:

- **Speed 1 (Low Speed):** For high torque applications like screwdriving or drilling large diameter holes.
- **Speed 2 (High Speed):** For faster drilling with smaller diameter bits.

Use the speed selector switch located on top of the tool to choose the desired speed range.

5.2. Selecting Torque and Mode

The torque/mode selector ring allows you to set the appropriate torque for screwdriving or select drilling modes.

- **Screwdriving (1-15):** Rotate the ring to a number between 1 and 15. Lower numbers are for small screws or soft materials; higher numbers are for larger screws or harder materials.
- **Drill Mode (*Drill Icon*):** For drilling into wood, metal, or plastic. The clutch is bypassed for maximum torque.
- **Hammer Drill Mode (*Hammer Icon*):** For drilling into masonry and concrete. This mode combines rotation with a hammering action.



Figure 5: An individual using the STANLEY hammer drill to drill into a wall. This demonstrates the tool's application in masonry work,

utilizing its hammer drill function.

5.3. Forward/Reverse Operation

The forward/reverse switch is located above the trigger. Push it to the left for forward rotation (drilling/tightening screws) and to the right for reverse rotation (removing screws/backing out bits).

5.4. Starting and Stopping the Tool

To start the tool, press the trigger switch. The tool's speed is variable; press the trigger further for higher speed. To stop, release the trigger switch.



Figure 6: An individual using the STANLEY drill to create a hole in a wooden surface. This illustrates the drill's capability for precision work in wood, showcasing its versatility.

6. MAINTENANCE

- **Cleaning:** Keep the ventilation slots clean to prevent overheating. Use a soft brush or dry cloth to remove dust and

debris. Do not use water or chemical cleaners.

- **Battery Care:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Do not store discharged batteries for extended periods.
- **Storage:** Store the tool and accessories in a secure, dry place out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery pack not installed correctly or discharged.	Ensure battery is fully inserted. Charge battery pack.
Reduced power or short run time.	Battery pack not fully charged or nearing end of life.	Recharge battery pack. Consider replacing old battery packs.
Chuck not holding bit securely.	Chuck not tightened sufficiently or damaged.	Ensure chuck is tightened firmly. Inspect chuck for damage; replace if necessary.
Tool overheats.	Overloading the tool or blocked ventilation.	Reduce load. Clear ventilation slots. Allow tool to cool.

8. SPECIFICATIONS

Feature	Detail
Model Number	SCH12S2K
Power Source	Cordless (Li-Ion Battery)
Voltage	10.8 Volts
Amperage	1.5 Amps
Maximum Rotational Speed	1500 RPM
Maximum Torque	26 Newton Metres
Number of Speeds	2
Drill Type	Hammer Drill
Included Components	1 10.8 Volt drill, 2x1.5Ah Batteries
Item Weight	1 Kilogram
Product Dimensions (LxWxH)	28 x 7 x 24 Centimeters
Material	Metal, Plastic
Special Feature	Variable Speed

9. WARRANTY AND SUPPORT

Your STANLEY SCH121S2-B1 10.8V Li-Ion Cordless Hammer Drill Driver comes with a **1-year warranty** provided by the manufacturer from the date of purchase.

For any warranty-related issues, product feedback, or technical support, please contact STANLEY customer care:

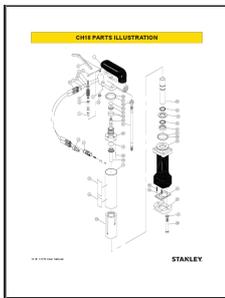
- **Customer Care Number:** 1860-425-1111
- **Operating Hours:** Monday to Friday, 10 AM to 5 PM (except government holidays)

Please retain your proof of purchase for warranty claims.



Related Documents - SCH12S2K

	<p>Stanley CH18 Hydraulic Chipping Hammer User Manual: Safety, Operation, and Maintenance</p> <p>Comprehensive user manual for the Stanley CH18 Hydraulic Chipping Hammer, covering safety precautions, operating procedures, maintenance guidelines, troubleshooting, and specifications. Essential reading for safe and effective use.</p>
	<p>STANLEY BLC40PB-35 Battery-Powered Cordless Lockbolt Tool Specifications & Applications</p> <p>Discover the STANLEY BLC40PB-35, a powerful and versatile cordless lockbolt tool designed for improved mobility, speed, and productivity. Features include tool-free maintenance, intuitive interface, and compatibility with various fasteners. Ideal for solar, infrastructure, and heavy equipment applications.</p>
	<p>Stanley CH18 Hydraulic Chipping Hammer User Manual: Safety, Operation, and Maintenance</p> <p>Comprehensive user manual for the Stanley CH18 Hydraulic Chipping Hammer, covering safety precautions, operating procedures, troubleshooting, tool protection, specifications, and parts lists. Includes guidance on hose types and underwater use.</p>
	<p>Stanley CH18 Hydraulic Chipping Hammer User Manual: Safety, Operation, Maintenance</p> <p>Comprehensive user manual for the Stanley CH18 Hydraulic Chipping Hammer. Covers detailed safety precautions, operating procedures, maintenance guidelines, troubleshooting, specifications, and parts lists. Essential guide for safe and effective use of this professional hydraulic tool.</p>
	<p>Stanley RD12 Hydraulic Rail Drill User Manual</p> <p>Comprehensive user manual for the Stanley RD12 Hydraulic Rail Drill, covering safety, operation, maintenance, troubleshooting, and specifications. Includes detailed information on hose types, hydraulic system requirements, and a parts list.</p>



[Stanley CH18 Chipping Hammer Parts and Maintenance](#)

Detailed parts list and illustration for the Stanley CH18 Chipping Hammer, including part numbers, quantities, and descriptions for various components and seal kits. Information is provided for both land and underwater models.

Documents - STANLEY – SCH12S2K



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Furadeira de Impacto a Bateria de Ión de Litio
Lithium-Ion Cordless Hammer Drill

SCH12
SCH12S2K



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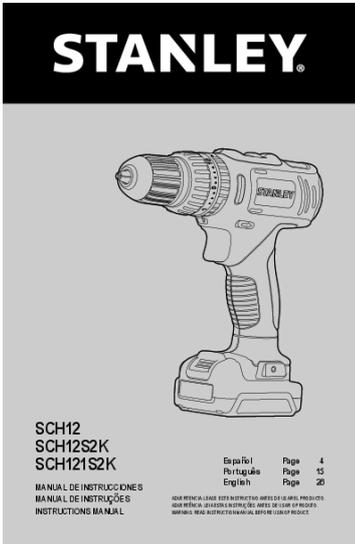
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