

Huskie Tools REC-B6510

Huskie Tools REC-B6510 12 Ton Compression Tool Kit User Manual

Model: REC-B6510

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1. PRODUCT OVERVIEW

The Huskie Tools REC-B6510 is a 12-ton battery-operated compression tool designed for crimping electrical connectors. It is engineered for single-handed operation, making it suitable for overhead applications and situations where one hand is needed to manage the work piece. This tool eliminates the need for external hoses and heavy equipment, offering enhanced portability and ease of use.

Key features include:

- **One Hand Operation:** Facilitates use in challenging environments.
- **Tested Up to 75kV:** Ensures safety in high-voltage applications.
- **Rotational Head:** Provides flexibility for various crimping angles.
- **Rapid Advance System:** Reduces crimp cycle time, increasing efficiency.
- **Ergonomically Balanced:** Designed for user comfort and reduced fatigue.
- **Wide Jaw Opening:** 1.65" opening accommodates mid-span copper and aluminum splices and lugs up to 750 MCM Cu/Al.
- **Die Compatibility:** Accepts all standard "U" type dies.
- **Automatic Bypass:** A built-in 10,000 psi bypass cartridge audibly signals when optimal pressure is reached.

2. IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and protective clothing.
- Ensure the work area is 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.
- Only use battery packs and chargers specified by the manufacturer.

3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your REC-B6510 compression tool:



Figure 1: Huskie Tools REC-B6510 12 Ton Compression Tool. This image displays the complete tool, featuring its blue and black housing, the crimping head, trigger, and battery compartment.

1. **Crimping Head:** The front part of the tool where dies are inserted and the crimping action occurs. It features a rotational design for versatility.

2. **Die Retainer Pin:** Secures the crimping dies in place.
3. **Trigger Switch:** Activates the hydraulic pump for crimping.
4. **Return Button:** Releases hydraulic pressure to retract the ram and open the dies.
5. **Handle/Grip:** Ergonomically designed for comfortable and secure handling.
6. **Battery Compartment:** Located at the base of the handle, houses the Lithium-Ion battery.
7. **Battery Pack:** Provides power to the tool. (Not visible in main image, but implied)
8. **Charger:** Used to recharge the battery pack. (Not visible in main image, but implied)

4. SETUP AND PREPARATION

4.1 Charging the Battery

1. Ensure the battery charger is connected to a suitable power outlet.
2. Insert the battery pack into the charger. The charger's indicator light will show the charging status.
3. Allow the battery to fully charge before first use. Refer to the charger's manual for specific charging times and indicators.
4. Once charged, remove the battery from the charger.

4.2 Installing the Battery

1. Ensure the tool's trigger is not engaged.
2. Align the charged battery pack with the battery compartment at the base of the tool's handle.
3. Slide the battery pack firmly into place until it clicks, indicating it is securely locked.
4. To remove, press the battery release button (if present) and slide the battery out.

4.3 Installing Dies

1. Ensure the tool is off and the battery is removed for safety.
2. Retract the ram fully by pressing the return button.
3. Open the die retainer pin or mechanism on the crimping head.
4. Insert the appropriate "U" type dies for the specific connector and cable size you are working with.
5. Close and secure the die retainer pin. Ensure dies are properly seated and aligned.

5. OPERATING INSTRUCTIONS

5.1 Pre-Operation Check

- Verify the correct dies are installed for the application.
- Ensure the battery is fully charged and securely installed.
- Inspect the tool for any visible damage or loose parts.
- Confirm the work piece (cable and connector) is clean and prepared according to manufacturer specifications.

5.2 Performing a Crimp

1. Open the crimping head by pressing the return button until the dies are fully retracted.
2. Position the cable and connector within the open dies. Ensure the connector is properly seated and aligned for the crimp.
3. If necessary, rotate the crimping head to achieve the optimal working angle.
4. Press and hold the trigger switch. The dies will advance rapidly until they contact the connector, then slow

down as crimping pressure builds.

5. Continue holding the trigger until the tool's internal bypass system audibly "bypasses" (a distinct click or hiss), indicating that optimal crimping pressure has been reached.
6. Release the trigger switch.
7. Press the return button to retract the ram and open the dies.
8. Remove the crimped connector and inspect the crimp for quality and completeness.

5.3 Single-Handed Operation

The REC-B6510 is designed for single-handed use. This allows the operator to hold the tool with one hand while the other hand is free to position the cable or connector, particularly useful in overhead or confined spaces. Ensure a firm grip and stable footing when operating with one hand.

6. MAINTENANCE AND CARE

6.1 General Cleaning

- After each use, wipe down the tool with a clean, dry cloth to remove dirt, dust, and debris.
- Pay special attention to the crimping head and die areas to prevent accumulation that could affect performance.
- Do not use harsh chemicals or solvents that could damage the tool's housing or internal components.

6.2 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Avoid dropping or physically damaging battery packs.
- If a battery pack becomes hot during use or charging, discontinue use and allow it to cool before handling.

6.3 Die Maintenance

- Keep dies clean and free of debris.
- Inspect dies regularly for wear, cracks, or damage. Replace worn or damaged dies immediately to ensure proper crimps.
- Lightly lubricate dies with a suitable non-conductive lubricant if recommended by the manufacturer.

6.4 Professional Servicing

For internal repairs or hydraulic system maintenance, contact authorized Huskie Tools service centers. Attempting to service the tool yourself may void the warranty and could lead to injury or damage to the tool.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your REC-B6510 tool. For problems not listed here, contact Huskie Tools customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not operate when trigger is pressed.	<ul style="list-style-type: none">• Battery not installed correctly.• Battery is discharged.• Tool malfunction.	<ul style="list-style-type: none">• Ensure battery is fully seated and clicked into place.• Charge the battery fully.• Contact authorized service center.
Crimp is incomplete or poor quality.	<ul style="list-style-type: none">• Incorrect dies used.• Dies are worn or damaged.• Cable/connector not properly positioned.• Tool did not reach full pressure (no bypass sound).	<ul style="list-style-type: none">• Verify correct dies for application.• Replace dies if worn or damaged.• Re-position cable/connector correctly.• Ensure trigger is held until bypass sound is heard.
Dies do not retract fully.	<ul style="list-style-type: none">• Return button not fully pressed.• Obstruction in crimping head.• Hydraulic system issue.	<ul style="list-style-type: none">• Press the return button firmly and completely.• Inspect and clear any obstructions.• Contact authorized service center.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	REC-B6510
Crimping Force	12 Tons
Jaw Opening	1.65 inches
Capacity	Up to 750 MCM Cu/Al
Die Type	"U" Type Dies
Power Source	High Capacity 4.0Ah Lithium-Ion Battery
Weight	Approximately 28 pounds (Item Weight)
Dimensions (L x W x H)	17.8 x 3.3 x 11.1 inches
Special Features	Rechargeable Battery, Rotational Head, Rapid Advance, 10,000 psi Bypass
Manufacturer	Huskie Tools

9. WARRANTY AND SUPPORT

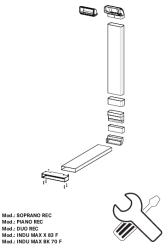

For detailed warranty information, please refer to the warranty card included with your product or visit the official Huskie Tools website. Keep your proof of purchase for warranty claims.

For technical support, service, or to order replacement parts, please contact Huskie Tools customer service:

- **Website:** [Visit the Huskie Tools Store on Amazon](#) (for general brand information)
- Refer to your product packaging or included documentation for direct contact information.

Related Documents - REC-B6510

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 <p>Mod.: SOPRANO REC Mod.: PIANO REC Mod.: DUO REC Mod.: INDU MAX X 83 F Mod.: INDU MAX BK 70 F</p>	<p>Elica Kitchen Ventilation Accessory Installation Manual</p> <p>Comprehensive installation guide for Elica kitchen ventilation accessories, covering models SOPRANO REC, PIANO REC, DUO REC, INDU MAX X 83 F, and INDU MAX BK 70 F. Includes step-by-step instructions, parts list, required tools, and safety information.</p>
 <p>REC Duo 150</p>	<p>Elicent REC Duo 150: Decentralized Heat Recovery Unit for Homes</p> <p>Discover the Elicent REC Duo 150, a high-efficiency decentralized heat recovery unit designed for residential use. Learn about its features, operation, installation, and performance for optimal indoor air quality and thermal comfort.</p>

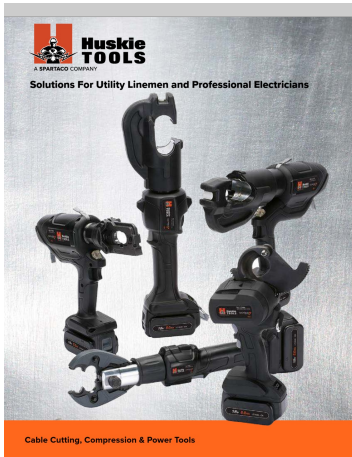
Documents - Huskie Tools – REC-B6510



[\[pdf\]](#) User Manual Instructions Specifications Warranty

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OPERATION MANUAL **REC-B6510 REC-B6510**: 12 Ton Compression Tool with 1.65 Jaw OpeningRead and understand all of the instructions and safety information in this manual before operating or servicing this tool. 195 Internationale Blvd Glendale Heights, IL 60139 Phone 800-860-6170 Fax 800-345-3767 www.sp... lang:en score:47 filesize: 663.41 K page_count: 16 document date: 2018-06-21



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