

OPERATION MANUAL



EP-510HC



EP-510HC: 12 Ton Remote Compression C-Head
Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.



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THANK YOU...

for purchasing a Huskie Tools product. Our mission is to supply the finest steel cable connecting and cutting tools and cable-related products to the transmission and distribution markets. Huskie Tools products represents the state-of-the-art tools and are dependable & safe. Trust, integrity, teamwork and mutual respect - these words are something we take to heart here at Huskie Tools.

Please take the time to read this manual carefully to learn how to correctly operate and maintain your tool.

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Warranty

Huskie Tools products carry a warranty that makes us a leader in the tool industry. No other manufacturer dares to back its tools as we do.

All Huskie REC-SERIES battery operated products carry a 5 year warranty. The ECO-SERIES battery operated products carry a 1 year warranty. The BP-80 & BP-84 batteries carry a 5 year warranty from the date stamped on the battery. The BP-82 battery carries a 1 year warranty.

PRODUCT WARRANTY

REC-Series battery operated products	5 Years
ECO-Series battery operated products	1 Years
Batteries (BP-80, BP-84)	5 years/ (BP-82) 1 year
Chargers (CH-90, CH-94)	5 Years

The warranty does not cover any damages incurred from a Huskie tool including damages to property, bodily injuries and lost wages resulting from such injuries. This warranty solely covers the repair or replacement of tools supplied by Huskie. These remedies are exclusive, and the total liability of Huskie Tools, LLC whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the tool. In no event shall Huskie Tools, LLC be liable for consequential, incidental or special damages.

HUSKIE TOOLS, LLC MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

Huskie reserves the right to determine all warranty claims. Huskie will not warranty tools containing parts or batteries not originally supplied by Huskie. Failure due to misuse, improper maintenance, misapplication, not following instructions or warnings, abuse or repairs attempted by anyone other than Huskie Tools, LLC, or an authorized service center renders this warranty null and void.

Repair and Warranty Claims

All claims must be sent to Huskie for inspection and authorization. A Return Goods Authorization (RGA) is required before shipping tools to Huskie. Secure the authorization by telephoning or writing to Huskie's main office with details of the claim. Non-warranty repairs are handled using the same procedure. Repairs exceeding 50 percent of the cost of a new tool will be advised before repairs are made.

Payment Terms

Upon credit approval Huskie's standard payment terms are net-30 days. Visa, Mastercard, Discover and American Express are also accepted.

Freight

All Huskie tools are FOB, Glendale Heights, Illinois. Goods will be shipped pre-paid and added, unless otherwise specified. Freight shipments over \$17,000 are pre-paid.

Quotations

Special quantity quotations should be phoned in to discuss the scope of your tool requests.

Complete Support Services

Our customers have direct access to us for training, service, and problem solving. As specialists in tools, we maintain a trained repair staff and a large stock of parts. This contrasts with many tool suppliers who carry tools as a sideline without offering support services. Here are some reasons why our customers love to do business with us:

- Quick delivery
- We maintain inventory at our headquarters.
- Training and troubleshooting services.
- Fast repair service.
- Design and engineering service for special tool needs.



Safety Alert Symbol:

This safety alert symbol indicates a potential personal injury hazard; it is not used for messages related to property damage only.



Wear eye protection:

when operating this tool. Failure to wear eye protection could result in serious eye injury from flying debris.



Electric Shock hazard:

Use proper personal protective equipment when using this unit on or near energized electrical lines.

Pinch Point Hazard:

Compression Dies at high force can cause severe personal injury. Keep all body parts away from moving parts of the tool while operating.



SPECIFICATIONS & KIT INCLUDES

- 1 Manual Tool
- 1 Carrying Case



Specifications

Output	12 Ton
Weight	11 lbs.
Size	12.25" L
Jaw Opening	1.65"

Connector Range

Lugs and Splices	Up to 750 MCM Cu
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Features

- Protective Rubber Boot on "C" Head

The **EP-510HC** is a remote C-head that requires an external 10,000 psi pumping source. It accepts all "U" type dies used with conventional 12 ton compression tools. The larger jaw opening of 1.65" accepts conductors and mid-span sleeve connections up to 750 MCM. The EP-510HC is supplied with a screw type, 3/8" male coupler, metal carrying case, and die tray. We recommend the use of our non-conductive high pressure hose.

Compression

1. Before connecting the tool head, make sure the pump and hose being used is working properly, and adjusted to and rated at 10,000 psi. The use of a pump or hose not rated at 10,000 psi working pressure may cause severe damage and result in personal injury.
2. Connect the tool head to the pump and hose, making sure all coupler connections are secure. It is important that all connections are tight for tool to function properly.
3. Select appropriate compression die set for the connector and cable being used. The "U" style Huskie HT-41 series dies are to be used with these tools
4. To insert the dies, depress the die release pin on the ram, and slide die into place. Then lift release knob on top of "C" head and slide other die half in place. Be sure both die halves are secure before operating the tool.
5. Position the connector between the dies and operate pump to hold connector in place. Fully insert cable into the barrel of the connector and operate pump as described in the pump operations manual until connector is fully crimped. For pumps that are not equipped with a hold feature, connector and cable must be in alignment before operating the pump.
6. Always be sure to keep couplers clean and caps in place when the tool is not being used.

MAINTENANCE AND INSPECTION

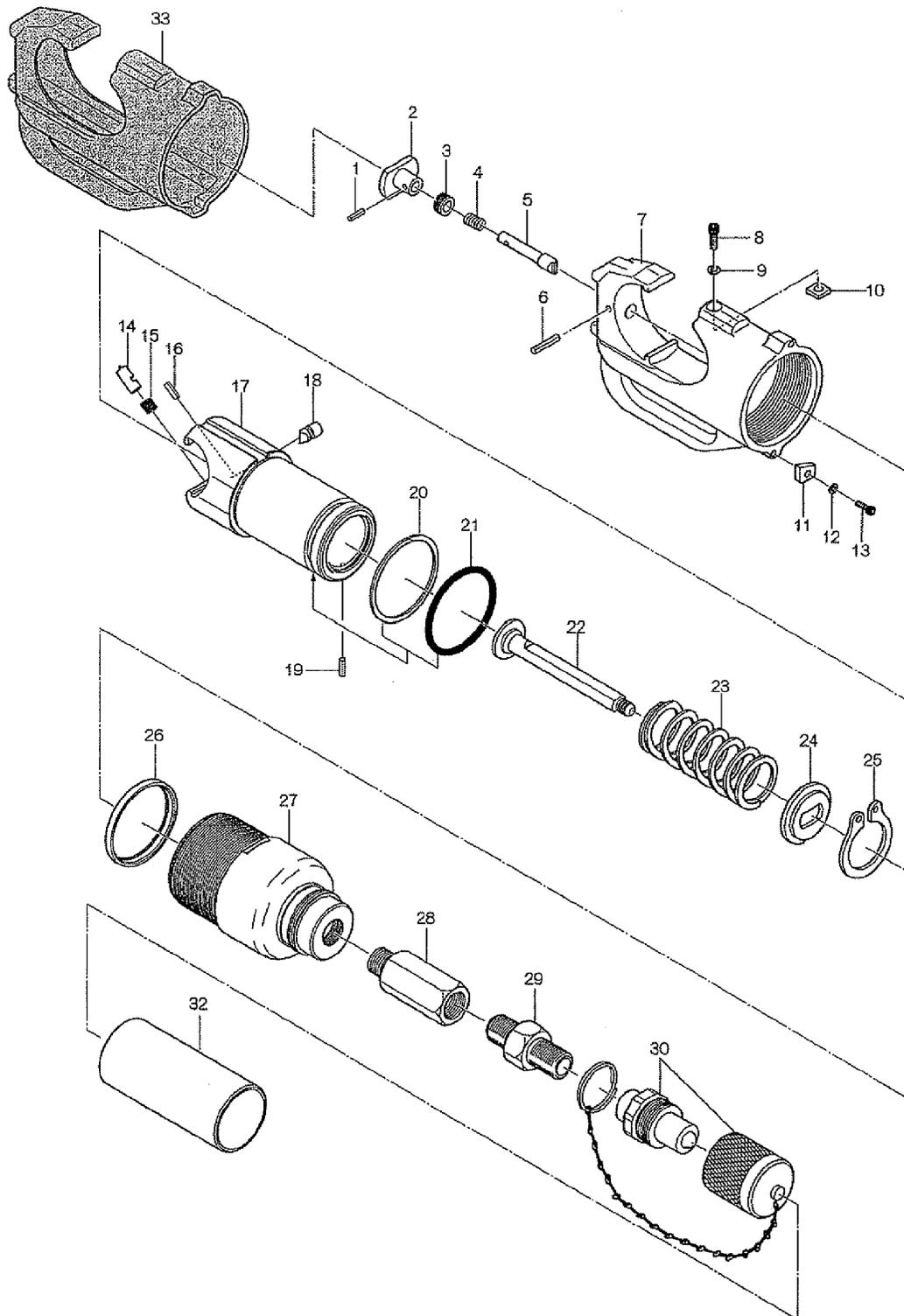
1. Daily maintenance is required to ensure that the tool is kept in good working condition.
2. Do not store the tool in a humid environment.
3. Wipe away any excess oil with a soapy cloth.
4. Provided that maintenance of the tool is carried out regularly, the tool should provide many years of service.
5. Should you experience any difficulty with the operation and maintenance of this tool, contact Huskie's technical support department at 1-800-860-6170.

PRECAUTION FOR THE TOOL

1. Always point the tool **AWAY** from other people.
2. If the tool is stored for an extended period at a temperature of less than 25° F (-5°C), the tool should be allowed to return to room temperature to ensure smooth operation Use the tool only after it has been at room temperature for 1 hour.
3. Do not drop the tool. Dropping the tool may damage the hydraulic circuit and result in the tool not functioning correctly.
4. Keep the head and ram clean and free of debris. Solvents can be used to clean the head, but should not be used on the plastic body. Use soap and water to clean the body.
5. Do not use tool for continuous use. If any sign of over heating, allow the tool to cool for 15 mins.
6. Do not allow tool to be submerged in water. The tool may be used to in damp or wet environments. However it is recommended for tool to be air-dried before use.

TROUBLESHOOTING FOR THE TOOL

1. Never operate tools without dies in place. Failure to insert dies before operation will cause damage to the "C" frame and tool ram.
2. Never attempt to adjust pressure setting without the use of the proper test gauge. Consult factory for proper adjusting procedure.
3. All manually operated hydraulic compression tools are equipped with our external replaceable bypass cartridge. These cartridges should not have to be replaced for 10,000 to 12,000 compressions.
4. Die hang up is common with all types of compression tools. Should this occur, the jaws can easily be separated by holding the pump handle in the release position while prying the jaws apart. Never attempt to hit connector or tool jaw with hammer as this will damage connector and tool.
5. If tool fails to advance upon receipt or after an extended period of storage, invert tool and rap compression head sharply on ground. The suction valve check ball can become stuck after extended storage or during shipment, not allowing the tool to advance.
6. Always clean tool after use to keep ram track clear of dirt and debris.



NO.	DESCRIPTION	CODE	QTY.
1	2 X 12 Drive Pin (BW)	351-28	1
2	Die Release Knob	510-01B	1
3	Screw (16)	510-02	1
4	Spring (257)	510-03	1
5	Retainer Pin (A)	510-04	1
6	2.5 X 25 Drive Pin (BW)	410-04	1
7	Head	510HC-01B	1
8	Guide Screw	510A-15	1
9	M5 Lock Washer (Small)	510-12	1
10	Key	510A-06	1
11	Stopper	510HC-02	1
12	M4 Lock Washer	410-07	1
13	M4 X 10 Screw	410-06	1
14	Retainer Pin (B)	410-12	1
15	Spring (177)	410-01	1
16	2.5 X 14 Drive Pin (BW)	410-11	1
17	Ram	510HC-03	1
18	Die Release Pin	430-21	1
19	2.5 x 8 Dowel Pin (B)	410-17	1
20	P-42 Back-Up Ring (B.C.)	510-18	1
21	P-42 O-Ring (C.P.)	HF-08	1
22	Spring Holder	510HC-04	1
23	Ram Spring (677)	510HC-05	1
24	Ram Spring Support	410-20	1
25	OV-36 Snap Ring	410-21	1
26	SER-48 Scraper	510-23	1
27	Cylinder	510HC-06	1
28	Adapter 3/8 PT-M. 3/8" PT-F."	430H-02	1
29	3/8 "NPT-NPT Nipple	NPT-NI	1
30	Male Coupler P.H. Type	RD-12	1
32	Grip	430H-03	1
33	Head Insulation	510B-33	1



NOTES



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