

**HUSKIE TOOLS, INC.** 



Operating Instruction Manual For REC-S3550 Battery Powered Cutting Tool With Parts List

#### **REC-S3550 SPECIFICATIONS**

#### **CUTTING TOOL (REC-S3550)**

Output: 13 ton

Weight: 23 lbs. w/ battery

Size: 21.5"L x 10.5"H x 3.5"W

Jaw Opening: 2"

Capacities: Wire Rope 1"

Soft Steel Bolts 1-1/4" Rebar, Ground Rod 3/4"

Cu & Al wire 2" ACSR 2156 MCM Standard Guy Wire 3/4"

#### **BATTERY CARTRIDGE (BP-70E)**

Battery type: Sealed nickel cadmium

Voltage: 14.4V DC Rated current: 2.0 Ah Charge time: 25 min.

Dimensions: 3.5"L x 2.7"W x 5.3"H

Weight: 1.6 lbs.

### BATTERY CHARGER (CH-35R)

Input voltage: 120V AC single phase

Charging Capacity: 20VA

Dimensions: 7.5"L x 4.5"W x 3.7"H

Weight: 2 lbs.

#### STANDARD ACCESSORIES

Battery Cartridge: BP-70E Battery Charger: CH-35R

Carrying Case: REC-3000CASE

Shoulder Strap: ROB-S01

#### **OPTIONAL ACCESSORIES**

Battery Cartridge: BP-70EI

BP-70MH

DC Charger CH-70DCH

## BATTERY POWERED CUTTER 2" JAW OPENING

- Cuts ACSR up to 2156 MCM
- Rapid Advance
- The most Powerful Battery Operated Cutter
- Overload By-Pass Protection
- 2" Jaw Opening

## STANDARD ACCESSORIES

BATTERY CARTRIDGE BP-70E

BATTERY CHARGER CH-35R

CARRYING CASE REC-3000CASE

SHOULDER STRAP ROB-S01









## **OPTIONAL ACCESSORIES**

BATTERY CARTRIDGE BP-70EI



BATTERY CARTRIDGE BP-70MH



DC CHARGER CH-70DCH



#### IMPORTANT OPERATING PRECAUTIONS

#### PRECAUTIONS FOR THE TOOL:

- 1. Do not short circuit the contacts or expose the cartridge to water, oil or solvents.
- 2. Do not disassemble or attempt to repair the battery cartridge or dispose of in a fire.
- 3. Do not drop or otherwise abuse the battery cartridge.
- 4. Do not leave the cartridge in locations where it will be exposed to a temperature greater than 140°F (60°C) for an extended period.
- 5. The battery has a limited life. When the crimping capacity becomes about 1/2 that of the original capacity, the battery should be replaced.
- 6. If the battery cartridge is stored without being charged, natural drainage will cause the power to be reduced. The battery should be charged every 3 months if not in use.

#### PRECAUTIONS FOR THE BATTERY CARTRIDGE:

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#### PRECAUTIONS FOR THE CHARGER:

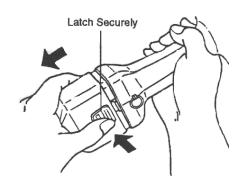
- 1. The LED indicator lights up green and remains lit when the unit starts charging a battery cartridge. The indicator turns orange when charging is completed.
- 2. This unit is for charging battery cartridges BP-70E, BP-70EI, BP-70R, BP-70I and BP-70MH only. Do not use the charger for any other devices.
- 3. Allow battery cartridges to cool before charging. Allow at least 15 minutes between charges when charging several cartridges in succession.
- 4. Charge batteries at an ambient temperature of 50°-95°F (10°-35° C). Charging time is approximately 25 minutes for the
  - BP-70E and BP-70EI, 15 minutes for the BP-70R and BP-70I, and 35 minutes for the BP-70MH.
- 5. Never short circuit the output terminals.
- 6. Do not expose the charger to water, oil or solvents.
- 7. Do not disassemble, attempt to modify, drop or otherwise abuse charger.

#### **OPERATING INSTRUCTIONS**

- 1. Insert the plug end into a 120V power source. The LED indicator will flash red indicating the charger is now in "stand-by" mode and ready to charge the battery. Do not plug the charger into a generator as this will likely cause the fuse in the charger to short, and will not operate.
- 2. To charge a drained battery, insert the battery into the charger until the LED indicator shows a steady green. This indicates the battery is being charged and will be completed in approximately 25 minutes. The LED indicator will show orange when charging is completed.



- 3. If the indicator shows a steady red when the battery is inserted, the battery is too hot to be charged and must be cooled to room temperature before charging. Do not leave the battery in the charger to cool as the charger will not recognize the battery is inserted and will not charge.
- 4. If the LED indicator goes out or is flashing quick red, this could be a possible short in the battery circuit, or a problem with the charger itself. It is best to consult the factory at 1-800-860-6170 for service if such a condition occurs.
- 5. To recondition the battery, insert the battery into the charger and push the "R" button. The LED indicator should be flashing green to indicate the discharge cycle is now in progress.
- 6. For technical questions or difficulty in operation, please call our customer service department at 1-800-860-6170.



#### ATTACHING THE BATTERY CARTRIDGE:

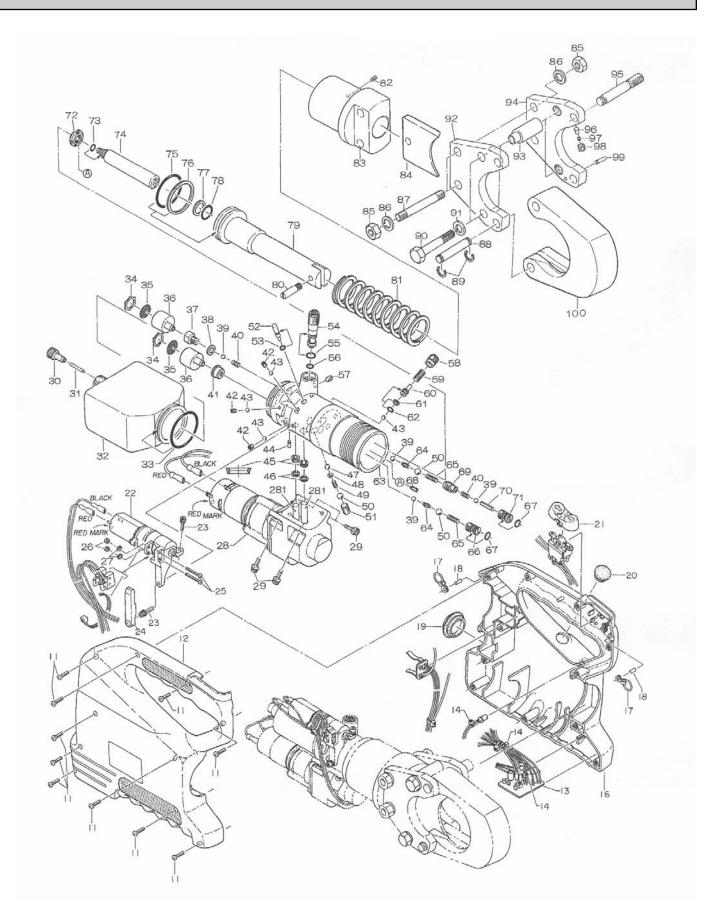
- 1. While pressing the latch, pull out the battery cartridge. To replace the battery cartridge, push the new cartridge firmly into place.
- 2. After inserting a battery cartridge, check that it is securely in place by pulling gently. Do not press the latch when pulling the cartridge.

#### **OPERATING INSTRUCTIONS**

## CUTTING:

- 1. Retract blade by pressing the release button.
- 2. Make sure that material being cut is within the specified cutting capacity of the tool.
- 3. Insert material between cutter head and blade and secure latch. It is important that you check the latch for proper engagement before continuing with the cut. Failure to secure the latch can result in severe tool damage and personal injury.
- 4. check material for proper alignment to the cutting blades. It should be at a 90° degree angle to the blades. Any other angle will cause the blades to spread apart and possibly break.
- 5. Continue to advance the blade until the material is cut. If material is cut and tool has not yet bypassed, it may be difficult to retract blades. If this occurs, continue to advance tool and build pressure. A series of clicks will be heard while the tool is building pressure, followed by the tool running in a "neutral" mode. This indicates that the tool has built full pressure and bypassed and can now be released.

## **MODEL REC-S3550 PARTS DIAGRAM**



## MODEL REC-S3550 PARTS LIST

NO.	DESCRIPTION	CODE	QTY.
11	M4 X 15 Screw	R150-01	10
12	Housing (R)	351-01	1
13	Control Unit	351-02	1
14	Binder	HR-30	3
16	Housing (L)	351-03	1
17	Hanging Ring Ass'y	ROB-101A	2
18	4 X 12 Parallel Pin	351-04	2
19	Oil Feed Cap	351-05	1
20	Cartridge Cap	ROB-103	1
21	Switch Knob	351-06	1
22	Release Unit	351-07	1
23	M4 X 10 Screw	351-08	2
24	Protector	S355-01	1
25	M2.3 X 25 Screw	ROB-86	2
26	M2.3 Hex Nut	P500-22	2
27	M2.5 Lock Washer	HR-16	2
28	Power Unit	351-09	1
29	M4 X 14 Screw (Ni)	ROB-128B	4
30	Reservoir Cap	410-55	1
31	Magnet	ROB-25	1
32	Oil Reservoir (39)	S355-02	1
33	P-40 O-Ring	700S-27	1
34	SI-20 Ring	410-74	2
35	Filter Screen	410-73	2
36	Strainer	9H-43A	2
37	Strainer Bushing (1)	351-11	1
38	Copper Gasket (20)	100W-17	1
39	3/16" Ball	16-49	4
40	Spring (340)	51-27	2
41	Strainer Bushing (2)	ROB-82	1
42	M5 X 5 Screw (F.P.)	510A-05	3
43	5/32" Ball	22-21	4
44	3 X 8 Dowel Pin (D)	610F-11	1
45	PS-8 Pent Seal	16-44	2
46	P-8 Back-Up Ring (B.C.)	85-33	2
47	7/32" Ball	16-26	1
48	M3 Flat Washer	16-38	1
49	Spring (76)	16-39	1
50	9/32" Ball	16-40	3
51	M10 X 12 Screw (F.P.)	40-47	1
52	Release Pin	351-12	1
53	P-3 O-Ring	16-36	1
54	Valve Cartridge	R510-18C	1
55	S-9 O-Ring	410-71	1
56	P-8 O-Ring (B)	700S-15	1
57	M5 X 5 Screw	300-73	1
58	Valve Screw (4)	351-13	1
59	Spring (595)	351-14	1

NO.	DESCRIPTION	CODE	QTY.	
60	Reduction Valve	351-15	1	
61	P-5 Back-Up Ring (B.C.)	E3-126	1	
62	P-5 O-Ring	5N-35	1	
63	Body	S355-03	1	
64	Spring (66)	85-40	2	
65	Spring (67)	85-39	2	
66	Valve Screw (1)	R510A-09	1	
67	P-7 O-Ring	16-60	2	
68	M4 X 10 Screw	46M-04	1	
69	Valve Screw (2)	351-18	1	
70	2.5 X 20 Drive Pin (AW)	32-13	1	
71	Valve Screw (3)	351-19	1	
72	Stopper Nut	351-30	1	
73	S-5 O-Ring	351-20	1	
74	Inner Pipe	S355-04	1	
75	P-42 O-Ring	9H-17	1	
76	P-42 Back-Up Ring (B.C.)	510-18	1	
77	P-18 Back-Up Ring (B.C.)	7R-37	1	
78	P18 O-Ring	S355-05	1	
79	Ram	S355-06	1	
80	Blade Screw	32-09	1	
81	Ram Spring (469)	45A-07	1	
82	M5 X 8 Nylock Screw (D.P.)	85F-03	1	
83	Body Head	S355-07	1	
84	Blade	55A-10	1	
85	M12 Hex. Nut	55-14	4	
86	M12 Lock Washer	40-09	4	
87	Stud Bolt (15)	55-15	2	
88	Pin (48)	55-08	1	
89	CE-12 Snap Ring	55-09	2	
90	M10 X 55 Bolt	55A-09	2	
91	M10 Lock Washer	40-32	2	
92	Support Plate (1)	55A-08	1	
93	Spacer	55A-07	2	
94	Support Plate (2)	55A-06	1	
95	Lock Pin	55A-02	1	
96	Stopper Pin	55A-03	1	
97	Spring (140)	55A-04	1	
98	Set Screw	300-75	1	
99	4 X 16 Dowel Pin (E)	40A-04	1	
100	Head Shear	55A-01	1	
281	Pump Piston (2)	P500-10	2	
	F (-)			

## TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
	Insufficient Hydraulic Oil	Consult Factory for Repair Service
MOTOR RUNS, BUT THE TOOL JAWS WILL NOT ADVANCE	Air Block in Hydraulic System	Invert tool to allow air to rise towards the top of the oil bladder
	Defective Hydraulic Circuit	Consult Factory for Repair Service
MOTOR RUNS, TOOL JAWS ADVANCE BUT WILL NOT	Insufficient Hydraulic Oil	Consult Factory for Repair Service
BUILD PRESSURE	Defective Suction Valve or Bypass Cartridge	Consult Factory for Repair Service
	Defective Battery	Charge or Replace Battery
MOTOR WWW. NOT RINGE AND	Bad Contact or Loose Battery Connections	Check all Connections and Wires
MOTOR WILL NOT RUN AT ALL	Misaligned Switch	Check to Make Sure that Switch is Properly Aligned with Trigger
		Consult Factory for Repair Service
	Tool Did Not Complete a Full Cycle and Bypass	Press Trigger and allow Tool to Bypass. Then Release Tool Jaws.
TOOL JAWS WILL NOT RELEASE	Connector is Jammed in Tool Jaws	Press and Hold Release Trigger While Prying Tool Jaws Apart.
	Release Trigger is Bent or Misaligned	Consult Factory for Repair Service

## **MODEL REC-S3550 WARRANTY**

All Huskie REC-Series battery driven products carry a 5 year warranty, and the ECO-Series carry a 3 year warranty. The BP-70E, BP-70El, and the BP-70MH batteries carry a 5 year warranty from the date stamped on the battery. The LED indicator on the BP-70-El battery carries a 1 year warranty from purchase date. Hydraulic hammers carry a one year warranty and all other Huskie products carry a 5 year warranty. Huskie reserves the right to determine all warranty claims. Failure due to misuse, abuse or repairs attempted by anyone other than Huskie Tools, Inc., or an authorized service center render this warranty null and void. Our patented drop-out bypass cartridge can be re-calibrated or tested at no charge for the life of the tool. All factory repaired or reconditioned hydraulic tools carry a one year warranty on parts and labor.

#### REPAIR AND WARRANTY CLAIMS

All claims must be sent to Huskie for inspection and authorization. A Return Goods Authorization is required before shipping tools to Huskie. Secure the authorization by telephoning 1-800-860-6170 or writing to Huskie's main office with details of claim. Non-warranty repairs are handled using the same procedure. Repairs exceeding 50% of the cost of a new tool will be advised before repairs are made.

Please Retain For Your Records		
Purchaser's Name		
Address		
City, State, Zip		
Tool Model Number		
Serial Number		
Date Purchased From		
Purchased From		

## **MODEL REC-S3550 WARRANTY**

HOW TO GET SERVICE UNDER THE TERMS OF THE LIMITED WARRANTY

Return your product directly to Huskie Tools, Inc. as our representative network is not prepared to service the product under the terms of this warranty.

- 1. Write, call or fax Huskie stating the tool's purchase date and problem. You will be given a RGA # to assure that your merchandise will be properly handled upon its receipt.
- 2. CAUTION: Make sure the product is packaged adequately so as to prevent damage or loss during transit. The shipment must be prepaid and we recommend that it be insured. A cover letter indicating the reason for the return should be included in order to facilitate repairs.

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# SEND THIS PORTION WITH ANY TOOL WHEN REQUESTING REPAIRS, WARRANTY OR RECONDITIONING WORK.

## PLEASE CALL OR FAX HUSKIE FOR AN RGA#

Customer Job No.		
Address		
City	State	Zip
Tool Model		
Warranty Claim Repair Only		
Customer Name:		
Phone ( )		
City	State	Zip
Serial No.		
Estimate Required: Yes No		



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