



HUSKIE TOOLS, INC.



**OPERATING INSTRUCTION MANUAL
FOR S-240 HYDRAULIC CUTTERS
WITH PARTS LIST**

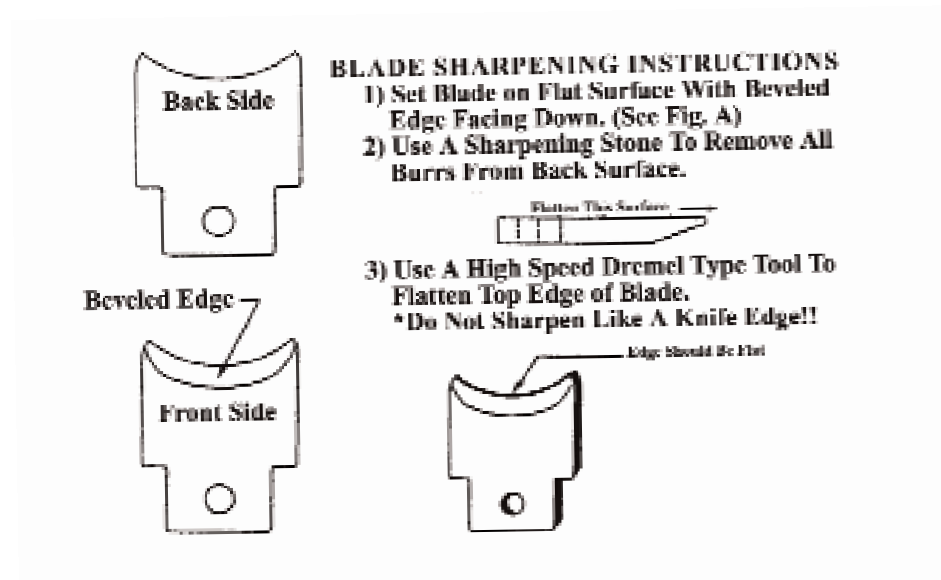
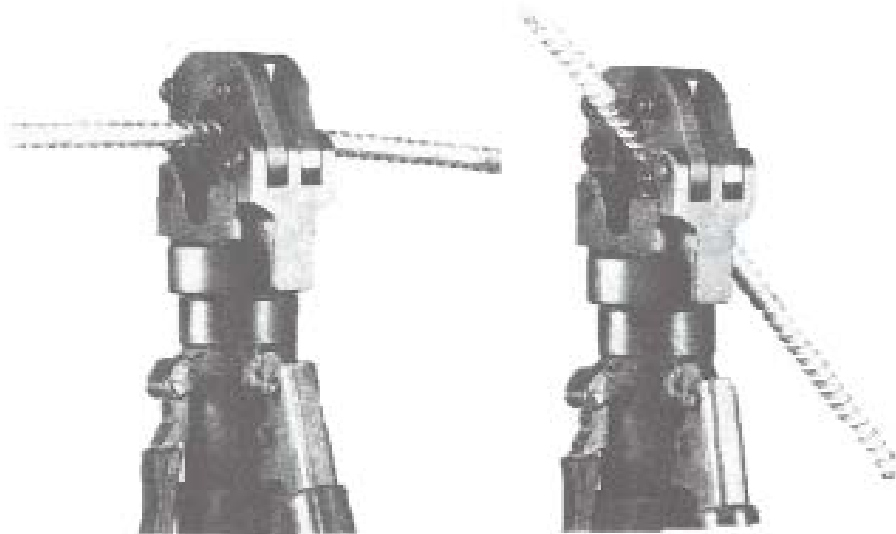
GENERAL INFORMATION GUIDE FOR S-240 CUTTER

The following steps are guidelines for safe operation of the Huskie cutters. Please take the time to review them as these are helpful hints that have been accumulated over the years.

1. Stay within the maximum cutting limits of each tool as listed on page 5.
2. Try to keep the cutter head clean. When cleaning, use a spray lubricant to avoid a build up of dirt and sand which will damage the cutter head.
3. Stop pumping when the blade reaches the extreme end of its advance. If the material being cut (usually wire rope or soft cables) seems to be cut but does not break free of the tool, this indicates that the blade is jammed on a small piece of cable. Refer to “troubleshooting” on page three to free the blade.
4. All Huskie tools require proper care. Occasional cleaning and degreasing in solvent, and sharpening blade and cutter head, will keep these tools operating without problems.
5. The most common problem encountered is blade breakage. **Ninety-nine percent of all breakage occurs because the cutter head is not securely latched before cutting.** If the latch is not secured, the blade will push open the cutter head and damage both the body head and blade. This causes the outside ear of the blade to break on an angle. In some cases the whole cutter head may crack in half. Cutting material that is not specified may also cause blade damage. In time these blades will fatigue and crack and must then be replaced.
6. There may be a residue of oil present on new tools when they are removed from the original shipping container. This is to protect the tool from corrosion during shipment and storage, and should not be considered defective. The tool can be cleaned with a spray degreaser or soapy water.
7. If tool is jammed, avoid beating directly on the tool with a hammer, especially avoid flattening the piston cylinder. Use a hammer in conjunction with a block of wood or soft material to free the blade.
8. All tools can be reconditioned and overhauled. Call factory and obtain an RGA # for returning tools.

GENERAL INFORMATION GUIDE FOR S-240 CUTTER

9. If the cutters are used under water, wash them down and lubricate after each use. This whole operation takes less than five minutes. It may be helpful to paint new tools with a light color, corrosion resistant paint.
10. Always return tools to their carrying bag to protect them from sand and dirt. Extra bags can be purchased.
11. Always carry a spare blade, preferably attached to the carrying bag.
12. Use clear hydraulic fluid MV-32 available from your dealer or HTI.
13. When cutting, keep area clear of spectators as hardened metals may fly apart when severed.
14. Always cut the material at a 90 degree angle to the blade. Any other angle may cause the blade and head shear to fracture. See illustration below.



TROUBLESHOOTING GUIDE

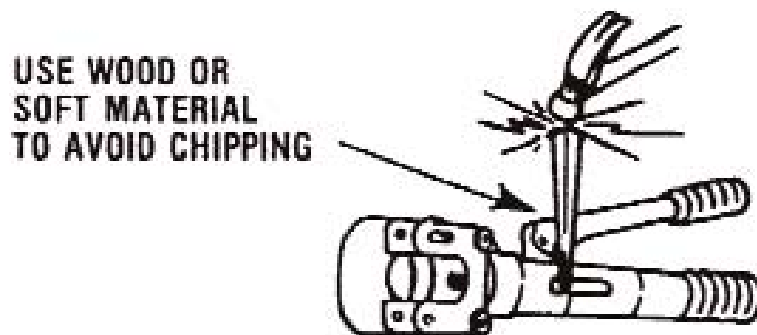
1. **Problem:** Small wire strands or pieces of cable or debris get jammed between the cutter head and blade, not allowing the blade to retract.

Solution: A) Hold release lever down while tapping on the ram with a block of wood and a hammer. If this does not work or tool continues to hang up, proceed to step “B”.

B) Remove blade screw and release the ram. Then disassemble cutter head and remove burrs from both blade and head shear, using a flat grinding stone on the rolled edge. **Do not sharpen like a knife – leave cutting edge flat!** See illustration on page 2.

2. **Problem:** Blade is advanced under pressure with no load and the release lever seems to be stuck.

Solution: A) Use both hands to depress lever using body weight and the ground or other strong surface for support. If this does not work, proceed to step “B”.



B) Lay tool flat on the ground or other strong surface and hit release lever with a block of wood and a hammer to release pressure.

3. **Problem:** Tool will not advance when handle is pumped.

Solution: A) Remove body handle and check oil reservoir for proper fluid level. The oil should be to the top of the reservoir when the cap is removed. Be sure the tool is fully retracted before removing cap.

B) After storing for a long period of time, or occasionally when the tool is new, a check ball may be stuck not allowing it to advance. Invert the tool and rap the cutter head sharply on the ground. Do this several times, then pump handle to advance the blade.

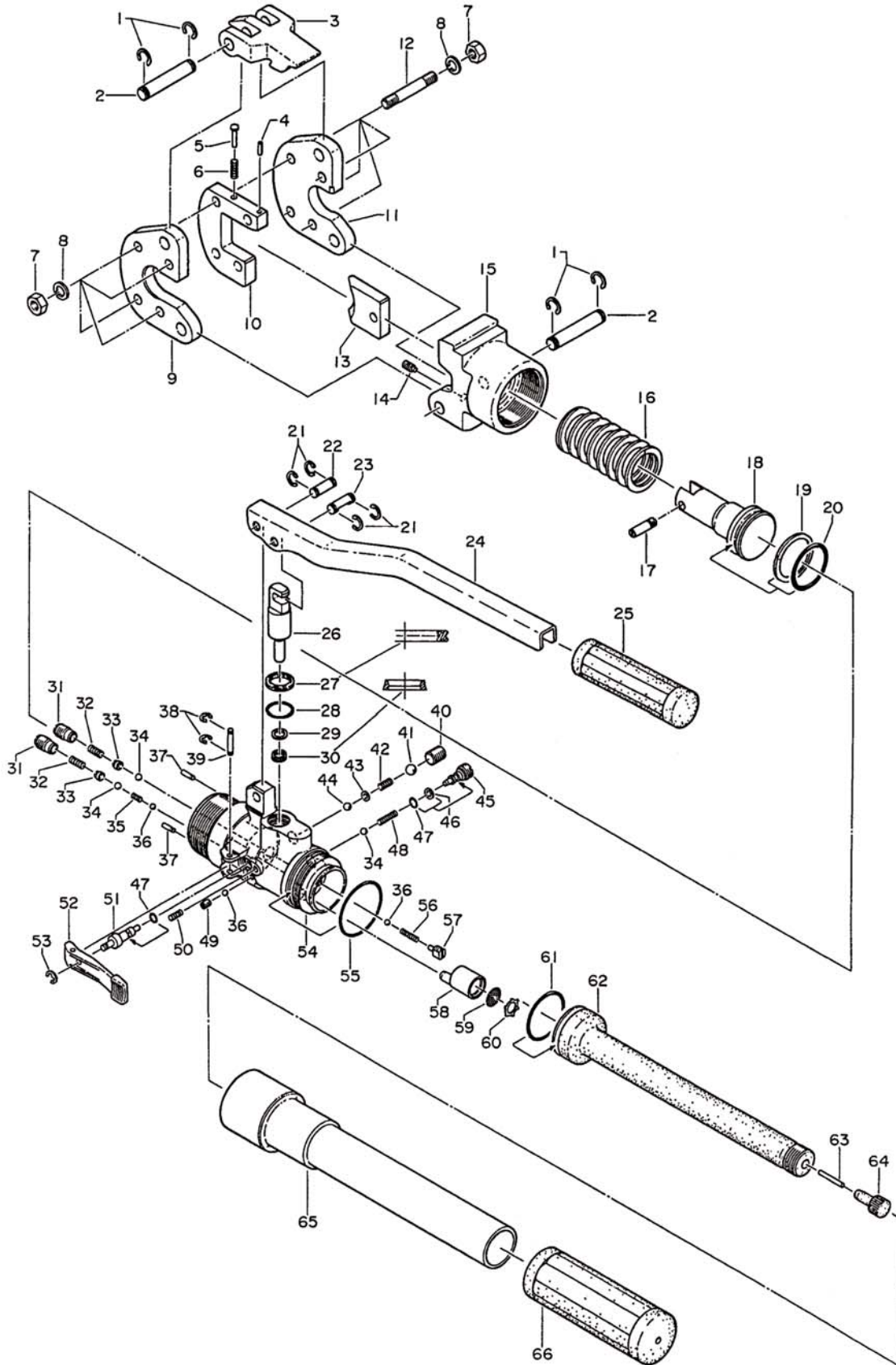
OPERATING INSTRUCTIONS FOR ALL “S” SERIES HYDRAULIC CUTTERS

1. Before cutting, make sure the material being cut is within the proper cutting capacity of the tool being used.
2. Open cutter head by lifting latch or removing lock pin, depending on the model being used.
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. Align the material at a 90 degree angle to the blade. This will ensure a proper cut with minimal distortion. If the material is cut at any other angle, severe blade damage may occur. Refer to diagram on page two for proper alignment.
5. Proceed by pumping handle to advance blade. Once blade has made contact with the material, check alignment once again for proper angle. Continue to pump handle and cut material.
6. Once the cut is made, the release lever on the side of the tool body can be depressed to retract the blade. On the model S-85 cutter, the pump handle must be rotated 90 degrees clockwise and then closed to depress release pin located under the handle.
7. These cutters do not have a by-pass cartridge like our compression tools, so they should be released once the cut is made and not continued to be advanced. If the tool is advanced under pressure with no load, it is difficult to release the blade. Refer to the troubleshooting on page three if this condition occurs.
8. Always wear eye protection and any other specified safety equipment when cutting. Be sure surrounding area is clear, as hardened metals may fly apart when severed.
9. **For EHS guy wire or bridge strand, use models S-24CC or S-32CC only!** The use of any other S-series cutter will result in severe blade damage and may cause personal injury.
10. Model S-85 cutter is designed for use on non-ferrous metals only! Do not cut steel or severe tool damage and personal injury may occur.

S SERIES SPECIFICATIONS

MODEL:	S-16	S-20	S-240	S-32	S-40B	S-55	S-85	S-24CC	S-32CC
OUTPUT:	4.4 ton	4.4 ton	7.8 ton	19.8 ton	6.3 ton	13.0 ton	2.7 ton	7.8 tpm	19.8 ton
WEIGHT:	6 lbs.	6 lbs.	9 lbs.	21 lbs.	12 lbs.	17 lbs.	15 lbs.	9 lbs.	23 lbs.
LENGTH:	15"L	15"L	17"L	27"L	23"L	24"L	26"L	17"L	27"L
Wire Ropes	16mm 5/8"	20mm 3/4"	22mm 7/8"	32mm 1-1/4"	20mm 3/4"	26mm 1"	Do not cut	Do not cut	Do not cut
Soft Steel Bolts	16mm 5/8"	17mm 11/16"	22mm 7/8"	32mm 1-1/4"	20mm 3/4"	32mm 1-1/4"	Do not cut	16mm 5/8"	16mm 5/8"
Rebar, ground, & anchor rod	13mm 1/2"	16mm 5/8"	16mm 5/8"	22mm 7/8"	16mm 5/8"	20mm 3/4"	Do not cut	16mm 5/8"	16mm 5/8"
CU & AL wire	16mm 5/8"	20mm 3/4"	22mm 7/8"	32mm 1-1/4"	40mm 1-1/2"	50mm 2"	45mm 3"		
ACSR (see page 65)	16mm 5/8"	20mm 3/4"	22mm 7/8"	32mm 1-1/4"	40mm 1-1/2"	50mm 2" (1590)	Do not cut		
Standard Guy Wire	13mm 1/2"	14mm 1/2"	16mm 5/8"	22mm 7/8"	16mm 7/8"	20mm 3/4"	Do not cut	14mm 9/16"	22mm 7/8"
Telephone & lead sheathed cable	Do not cut	Do not cut	Do not cut	Do not cut	Do not cut	Do not cut	85mm 3.35"	Do not cut	Do not cut

MODEL S-240 PARTS DIAGRAM



MODEL S-240 PARTS LIST

NO	DESCRIPTION	CODE		NO.	DESCRIPTION	CODE	QTY.
1	CE-10 Snap Ring	40-16	4	49	M4 X 5 Screw (F.P.)	C58-08	1
2	Pin (142)	24-06	2	50	Spring (371)	51-17	1
3	Latch	24-07	1	51	Release Valve Stem	40B-03	1
4	2 X 10 Drive Pin (AW)	5-09	1	52	Release Lever	24-15	1
5	Slide Pin	20-71	1	53	E-3.2 Snap Ring	16-33	1
6	Spring (144)	85-37	1	54	Body	240-09	1
7	M8 Hex. Nut	40-24	8	55	S-40 O-Ring	C60-25	1
8	M8 Lock Washer	40-25	8	56	Spring (396)	C60-20	1
9	Main Head	240-01	1	57	Valve Screw (20)	C60-21	1
10	Spacer	240-02	1	58	Strainer	C60-22	1
11	Head Shear	240-03	1	59	Filter	C60-23	1
12	Stud Bolt (21)	24-05	4	60	SI-15 Ring	C60-24	1
13	Blade	240-04	1	61	P-28 O-Ring	300-21	1
14	M5 X 10 Screw (D.P.)	55A-11	1	62	Oil Reservoir (19)	C60-26	1
15	Body Head	240-05	1	63	Magnet	ROB-25	1
16	Spring (597)	240-06	1	64	Reservoir Cap	410-55	1
17	Blade Screw	240-07	1	65	Body Handle Ass'y	40B-05	1
18	Ram	240-08	1	66	Body Handle Grip	40B-06	1
19	P-32 Back Up Ring (B.C.)	40-43	1				
20	P-32 O-Ring	40-44	1				
21	CE-7 Snap Ring	40-49	4				
22	Pin (158)	C60-06	1				
23	Pin (157)	C60-07	1				
24	Pump Handle	C60-08	1				
25	Pump Handle Grip	51-25	1				
26	Pump Piston	C60-10	1				
27	P-16 X-Ring	C60-11	1				
28	P-16 O-Ring (C.P.)	C60-12	1				
29	P-8 Back-Up Ring (B.C.)	85-33	1				
30	PS-8 Pent Seal	16-44	1				
31	Valve Screw (1)	300-11	2				
32	Spring (227)	300-31	2				
33	Spring Holder	300-32	2				
34	3/16" Ball	16-49	3				
35	Spring (164)	85A-07	1				
36	1/8" Ball	40-20	3				
37	2 X 8 Dowel Pin (D)	ROB-14	2				
38	E-2.5 Snap Ring	16-28	2				
39	Pin (26)	16-27	1				
40	M10 X 12 Screw (F.P.)	40-47	1				
41	9/32" Ball	16-40	1				
42	Spring (76)	16-39	1				
43	M3 Flat Washer	16-38	1				
44	7/32" Ball	16-26	1				
45	Plug	C60-17	1				
46	P-3 Back-Up Ring (B.C.)	9H-38	1				
47	P-3 O-Ring (C.P.)	UC-27	2				
48	Spring (395)	C60-19	1				

MODEL S-240 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.

**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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Warranty Claim _____ **Repair Only** _____

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Phone (_____) _____

City _____ **State** _____ **Zip** _____

Serial No. _____

Estimate Required: Yes _____ **No** _____

Huskie



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