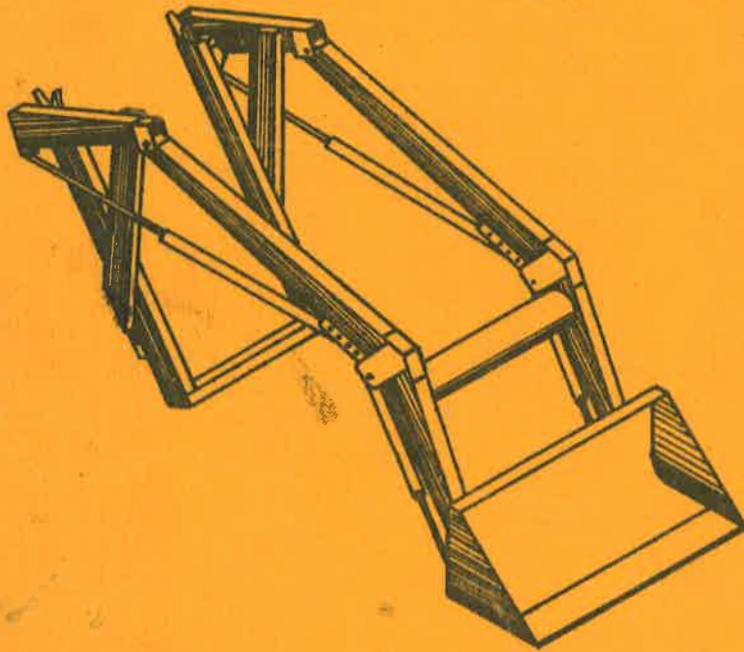


Ezee-On

MASTER



Model 120 - 125

**HEAVY DUTY
LOADER**

OWNER MANUAL AND PARTS LIST

INTRODUCTION

We feel that you have made a wise choice in purchasing an EZEE-ON loader. In the loader you have purchased are incorporated many features and improvements in design which the farmer has requested. We ask that you operate this machine wisely. We are confident that with correct adjustments and reasonable care your new EZEE-ON loader will serve you well.

This manual is made available for you as a handy reference and contains instructions for setting up and operating , along with complete parts list.

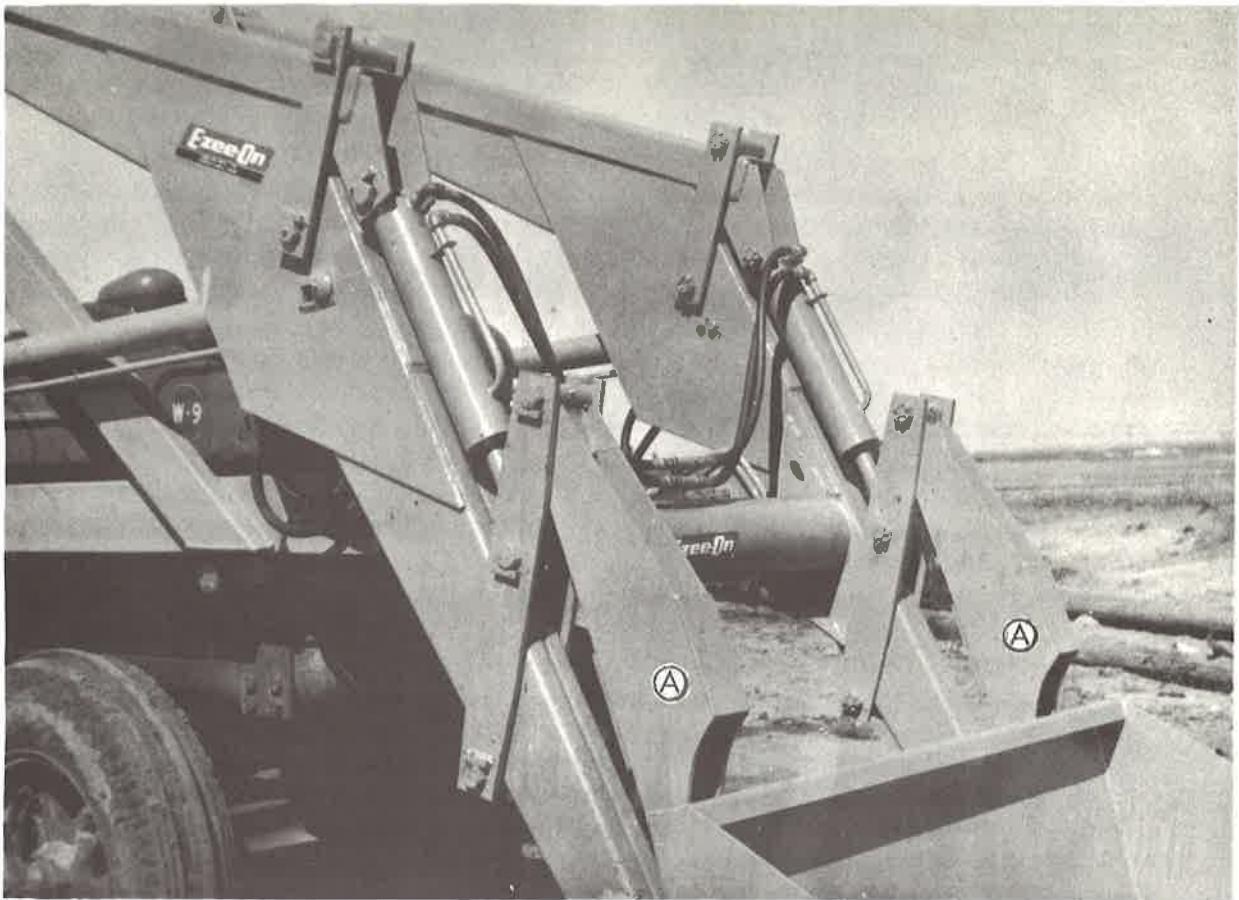
READ THIS BOOK CAREFULLY TO INSURE THAT YOUR NEW LOADER IS ASSEMBLED AND MOUNTED PROPERLY.

Right and left is determined by standing behind the machine and facing forward, in the direction of travel.

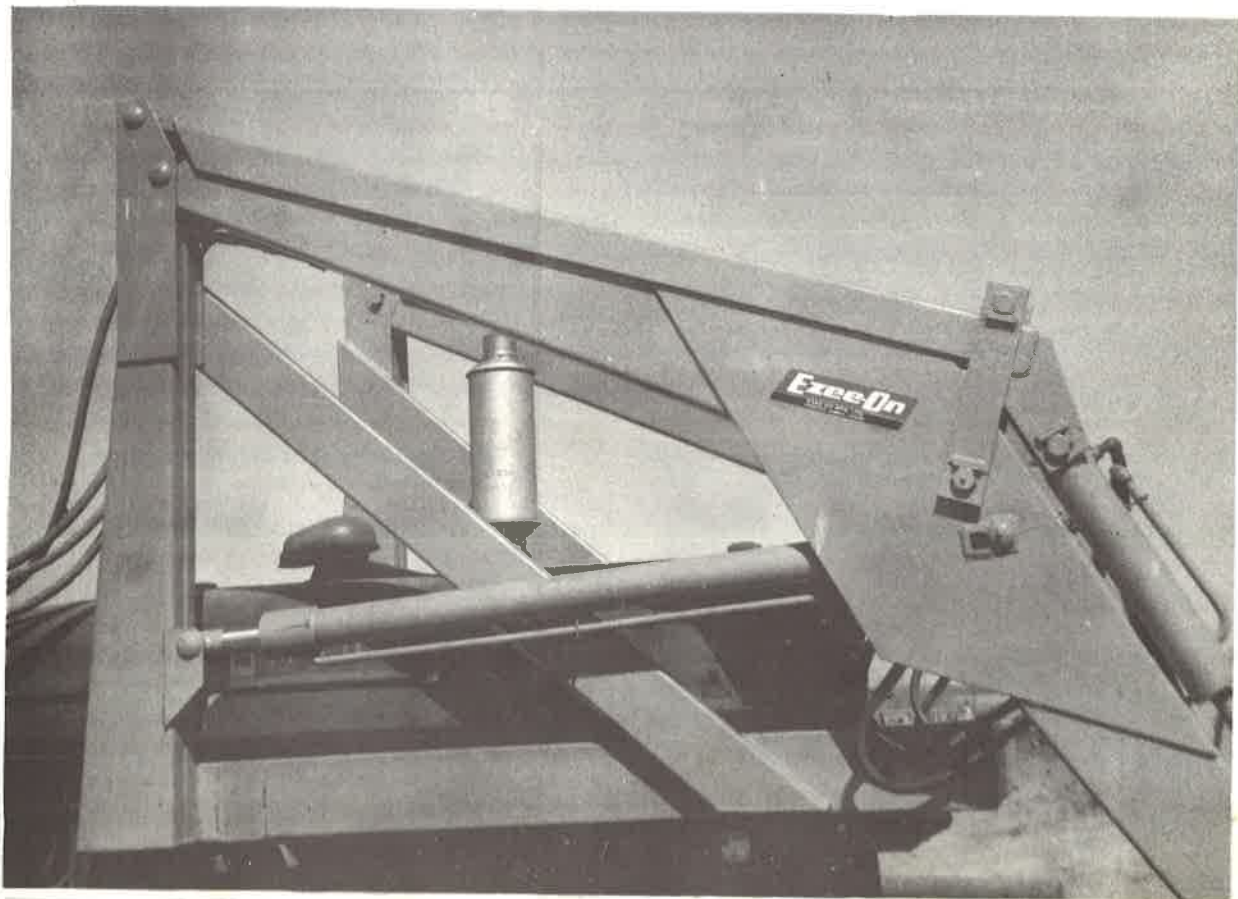
EZEE-ON reserves the right to make changes in model or specifications without any obligation as to replacement or modifications in previous machines.

INDEX

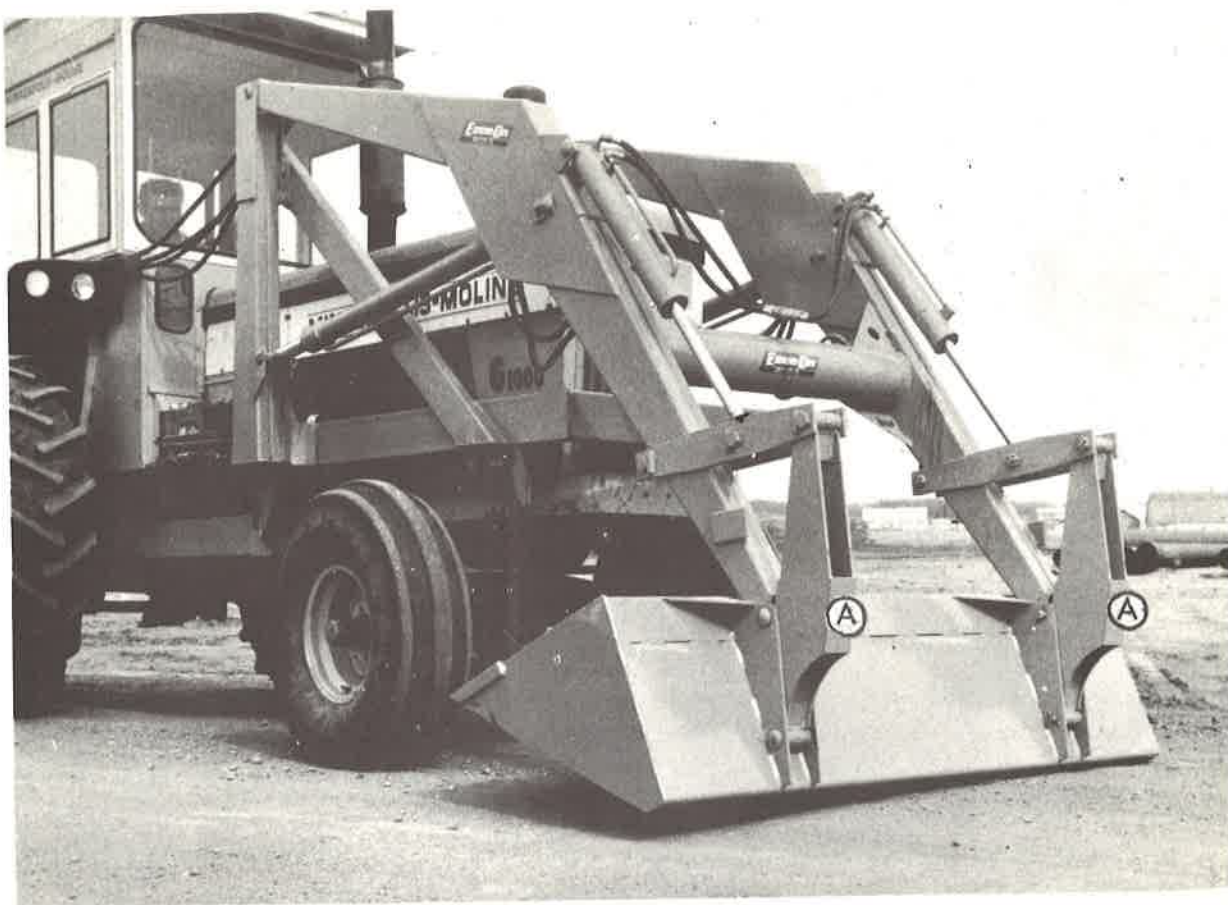
PHOTO ILLUSTRATIONS	-----Page	2
ASSEMBLY INSTRUCTIONS	-----Page	4
LOADER MOUNTING INSTRUCTIONS	-----Page	7
LOADER PARTS LIST	-----Page	8
CYLINDER PARTS LIST	-----Page	16
SEAL KITS	-----Page	28



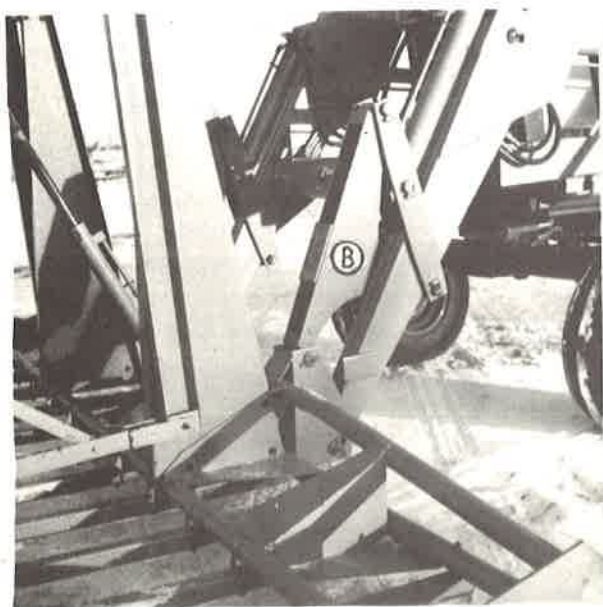
Model 125 Loader front view, showing bucket cylinders.
Note: Push arms (A) must be installed as shown, whenever bucket is used.



Model 125 Loader, side view showing self-levelling attachment.



Model 120 Loader, front view, showing maximum tilt down of bucket. Note: Push arms (A) must be installed as shown, whenever bucket is used.

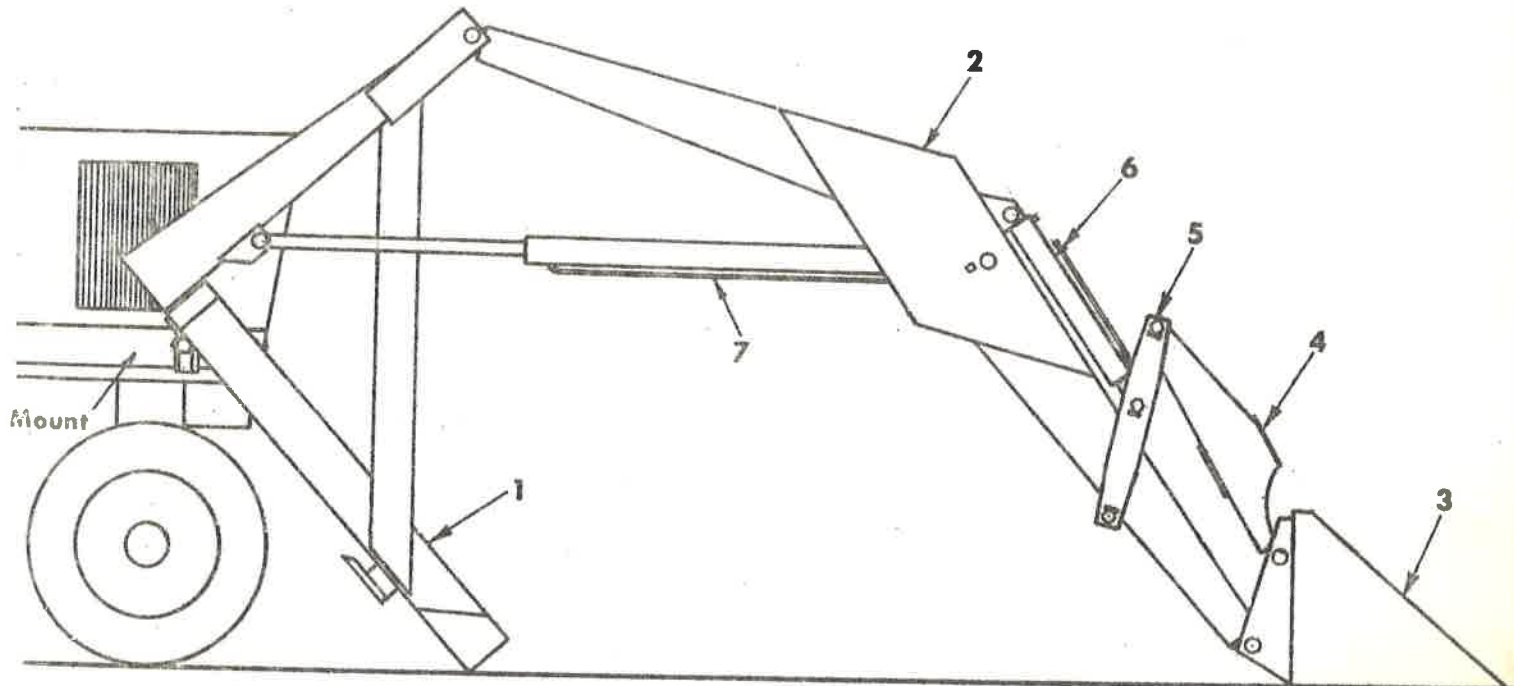


Loader attached to Hay Stacker. Note: Push arms (B) must be installed as shown or serious damage will occur.



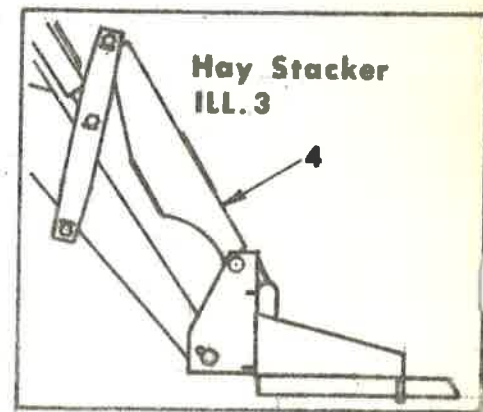
Model 120 Loader, with bucket spill guard attachment

Model 120 ILL.1

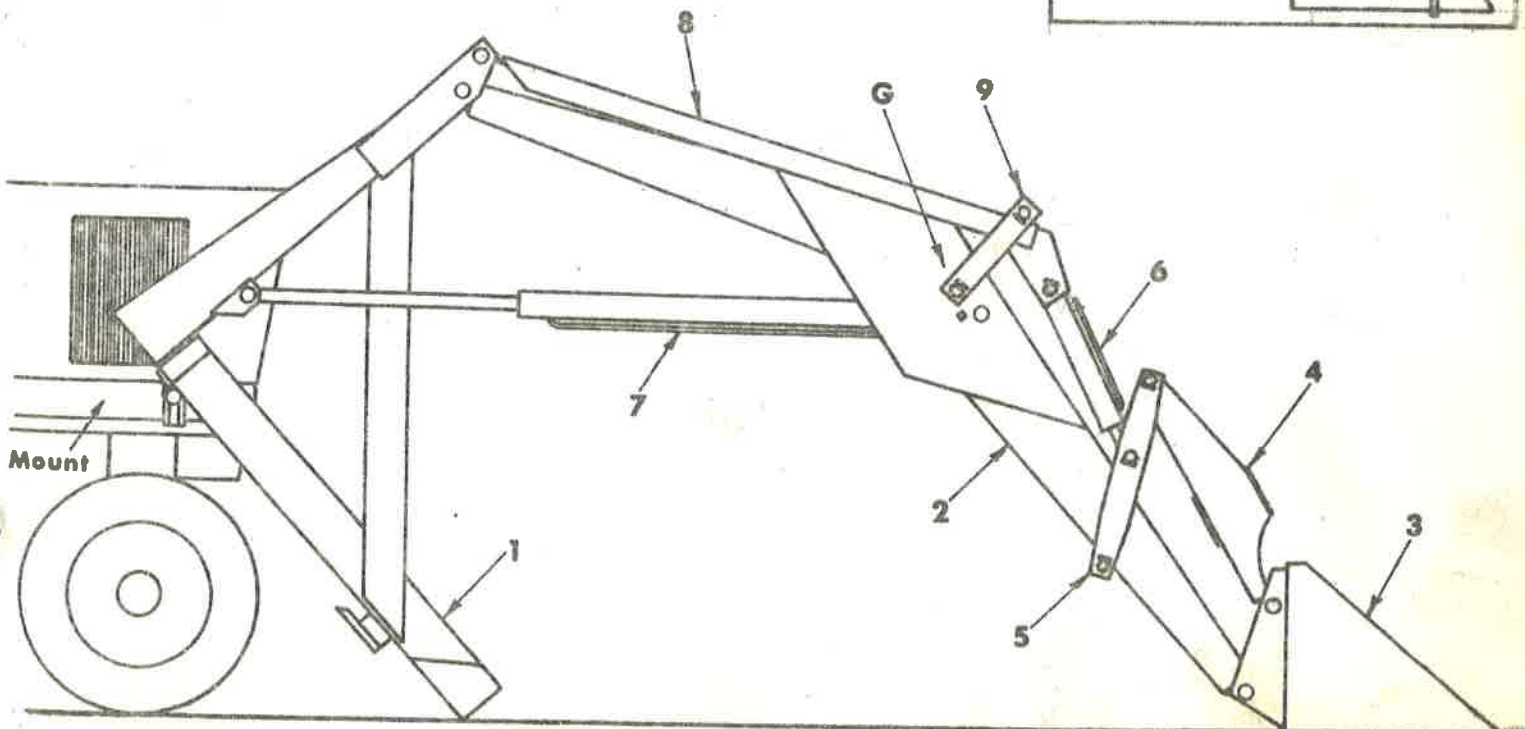


WARNING or CAUTION

Note how push arms, Arrow 4, are located, ill #1 and #2, when using bucket and reversed when using Hay Stacker. Serious damage will occur if push arms are not reversed as shown in ill. #3, for Hay Stacker use.



Model 125 ILL.2



1. Attach mount brackets to tractor, see photo in Bolt Package.
2. Install grease fittings in main frame assembly, push arm assemblies and cylinders. Be sure not to miss the grease fitting, arrow G, which is installed in a pivot tube on the Model 125 main frame, arrow 2, see ill. 2.
3. Position yoke assembly, arrow 1, so that yoke rests on front tractor mount pins. Be sure that rear yoke stop is behind mount pins to prevent assembly from sliding off mount. See ill. 1 and 2.
4. INSTALLING MAIN FRAME ASSEMBLY
 - (a) Model - 120 -attach main frame, arrow 2, to top yoke attaching pin, see ill. 1.
 - (b) Model - 125 -attach main frame, arrow 2, to bottom pin on yoke assembly, see ill. 2.
5. Attach bucket, arrow 3, to main frame, using bottom bucket attaching pins, see ill. 1 and 2.
6. PUSH ARM INSTALLATION MODEL 120 - 125
 - (a) Note: There are right and left bolted push arm assemblies. Bolt stops determine left and right assemblies, and should be facing toward outside of machine.
 - (b) When attaching push arm assemblies, arrow 4, to bucket. BE SURE that radius end is attached to top pin of bucket and facing towards bucket, see ill. 1 and 2.
 - (c) When attaching push arm assemblies, arrow 4, to Haystacker, BE SURE that radius end is attached to top pin of attaching lug and facing toward loader. See ill. 3.
 - (d) Attach pivot arms, arrow 5 to pivot tube, (bottom side of front arm) on main frame, see ill. 1 and 2.
7. MODEL 125 SELF LEVELLING
 - (a) There are left and right bolted self-levelling arm assemblies. Bolt stops determine left and right assemblies, and should be facing towards outside of machine.
 - (b) Attach self-levelling arm, arrow 8, to top pin on yoke assembly, attach pivot arms, arrow 9, to main frame, see ill. 2.
 - (c) Tighten bolts so that self-levelling pivot arm moves freely.
8. BUCKET CYLINDER INSTALLATION
 - (a) Model 120 bucket cylinder, arrow 6, attach tube end to cylinder lugs (top side of front arms) on main frame. Attach shaft end to centre hole on pivot arms, arrow 5, see ill. 1.
 - (b) Model 125 bucket cylinder, arrow 6, attach tube end to self-levelling arm, arrow 8, with shaft end attached to centre hole of pivot arms. arrow 5, see ill. 2.

ASSEMBLY INSTRUCTIONS

9. Model 120 - 125 lift cylinders, arrow 7, attach shaft end to yoke assembly. The tube end will be attached to the main frame after the hydraulic hoses and joints have been attached. It is very difficult to attach the hydraulic components when the tube end of the lift cylinders are attached. See ill. 1 and 2.

Note: Use the front hole at all times, unless absolutely necessary, then use rear hole.

10. CONNECTING HYDRAULIC SYSTEM - See hose pattern Page 6A

- (a) Install 2-3/8" x 90 degree street elbows, arrow 1, to front port of lift cylinders. Next install 4-3/8" female swivel adapters, arrow 2, to oil lines coming to left and right side of frame. Connect 4-3/8" x 23 hoses, arrow 3, to lift cylinders and oil lines, as shown. See ill. 7. Use hose pattern shown in ill. 7 for both lift cylinders.
- (b) Install 2-3/8" x 90 degree street elbows, arrow 1, to rear port of bucket cylinders. Next install 2-3/8" tees, arrow 2, to oil lines coming to centre of frame. Then install 4-3/8" male swivel adapters, arrow 3, to tees. Connect 4-3/8" x 30 hoses, arrow 4, to bucket cylinders and oil lines as shown. See ill. 8.
- (c) Install 4-3/8" pipe coupling to oil lines at rear of loader. Connect 4 long hoses to hydraulic system.
- (d) Pump oil into loader lift cylinders. By operating the lift cylinders raise yoke assembly in horizontal position. Drive tractor ahead so that rear tractor mount pin slides into yoke jaw and locks into position. See loader mounting instructions Page 7. Then proceed to pump oil into bucket cylinders. Work valve control levers until loader hydraulic system is filled with oil.

11 = INSTALL AUGUST 1957

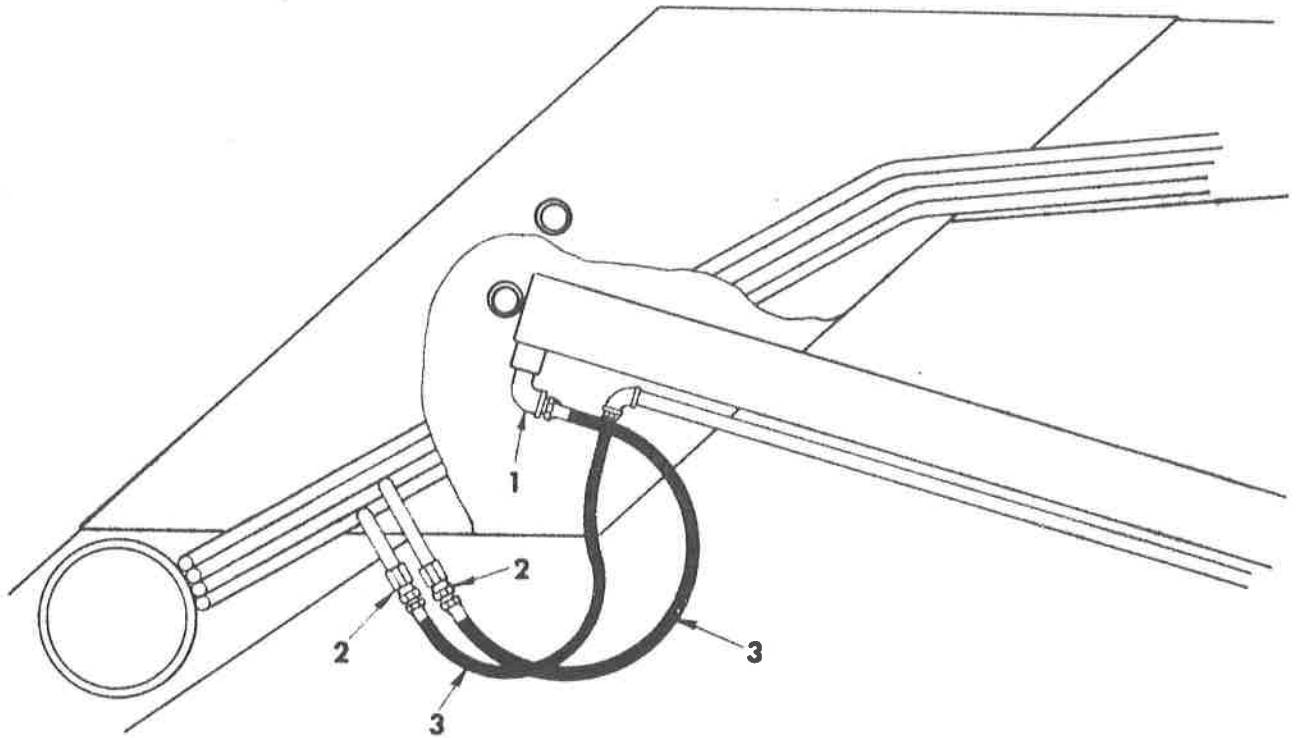
ADJUSTMENT

For proper and trouble free operation the following adjustments should be made after the loader is installed.

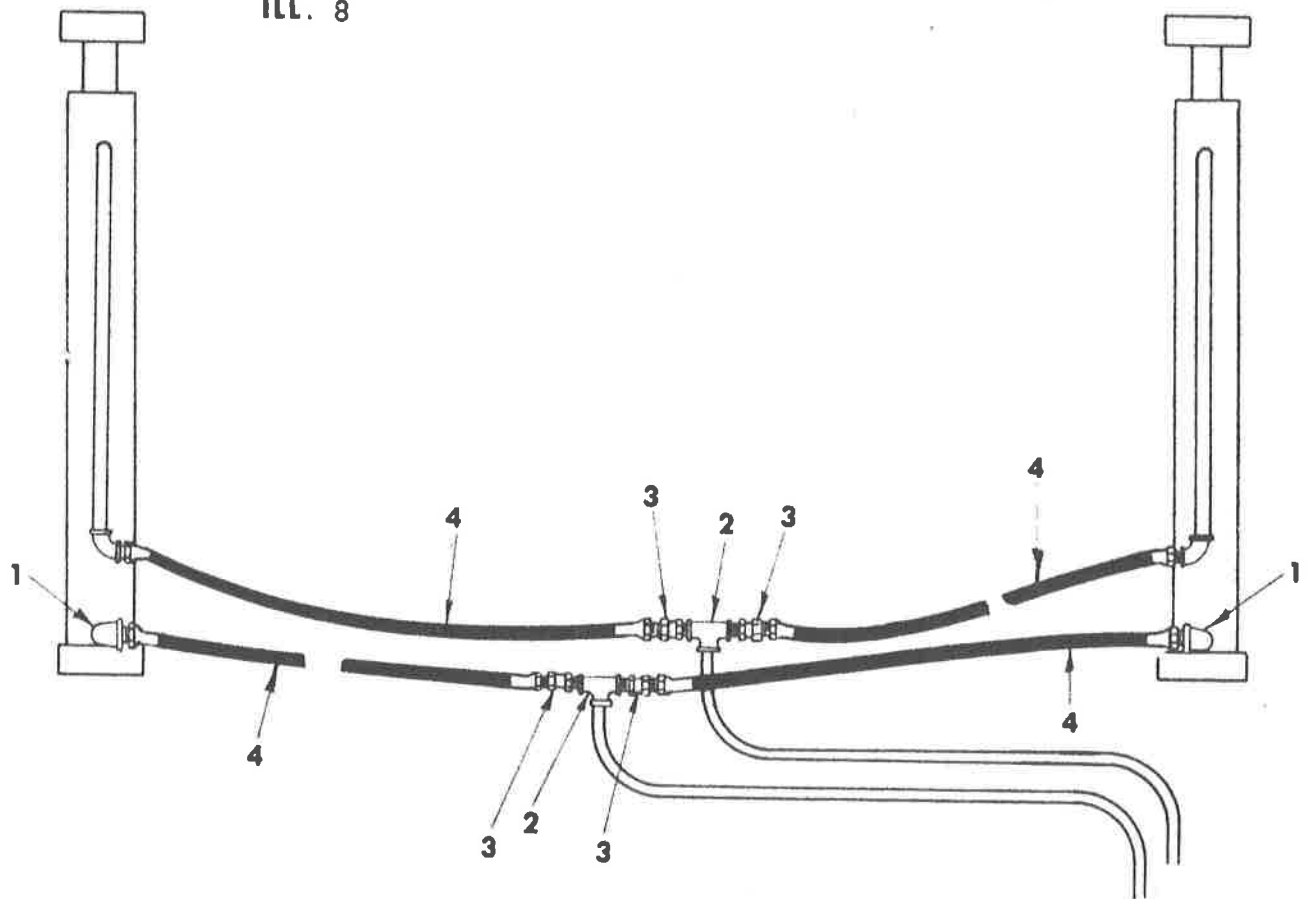
On front support pins make sure side clearance is almost nil. This can be reduced by shimming up mount with washers. Place washers between mount and tractor frame. Maintain this clearance at minimum (snug) at all times. This will prevent loader from getting side clearance.

Should yoke bind when sliding on, clean off paint and grind if necessary. Yoke must slide on easily without binding, yet minimum clearance maintained.

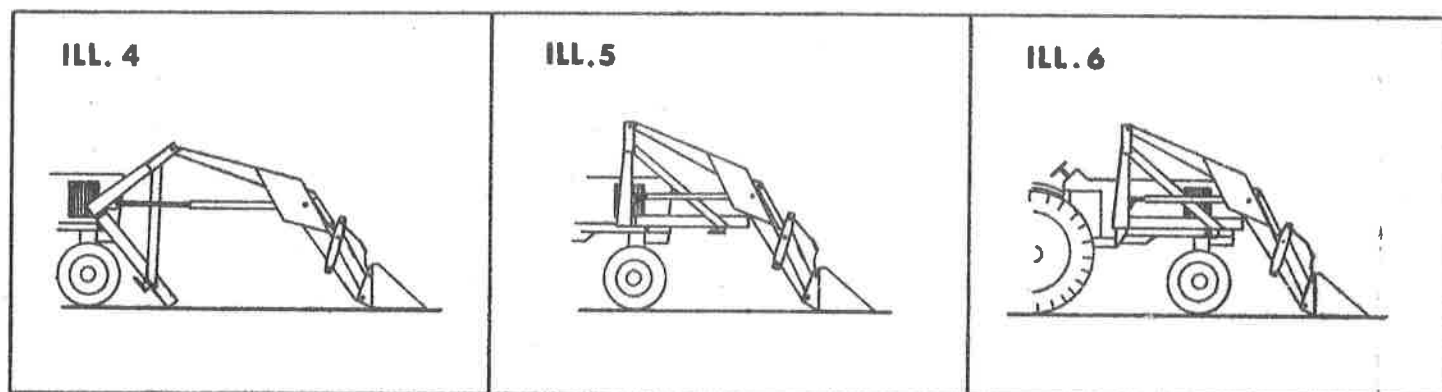
ILL. 7



ILL. 8



LOADER MOUNTING INSTRUCTIONS



TO MOUNT, THE LOADER MUST BE SITTING ON THE GROUND, IN POSITION SHOWN IN ILL. 4.

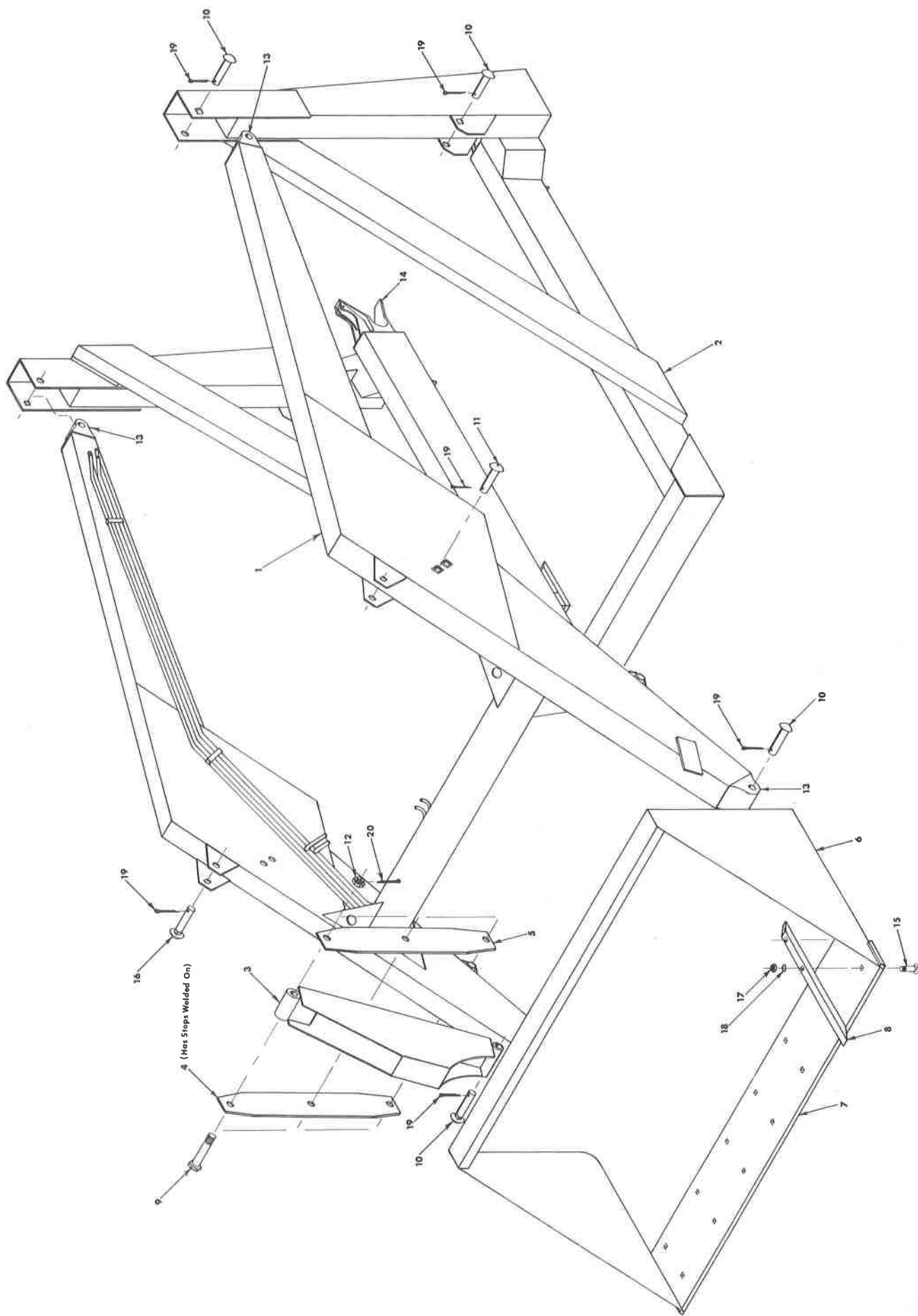
If the loader is sitting flat on the ground, it can be raised into the position shown in ill. 4 by attaching the hydraulic lines to the tractor hydraulic system and extending the lift cylinders.

- STEP 1. Drive tractor between uprights of the yoke assembly so that the bottom side of the yoke assembly is resting on the front mounting pins, see ill. 4.
- STEP 2. Attach hydraulic lines to tractor hydraulic system.
- STEP 3. Using the lift cylinders, pivot the yoke assembly on front mounting pins into a horizontal position, see ill. 5.
- STEP 4. Drive the tractor into the loader so that the rear mounting pin slides into the yoke jaw and locks into position. The loader is securely mounted on the tractor when the latches on the yoke jaw are down behind the mounting pins. See ill. 6.

TO TAKE THE LOADER OFF THE TRACTOR, LIFT THE JAW LATCHES AND REVERSE STEPS LISTED ABOVE.

NOTE: To protect the lift cylinder shafts when the loader is sitting on the ground as shown in ill. 4, the lift cylinders may be contracted. This will allow the loader to sit flat on the ground.

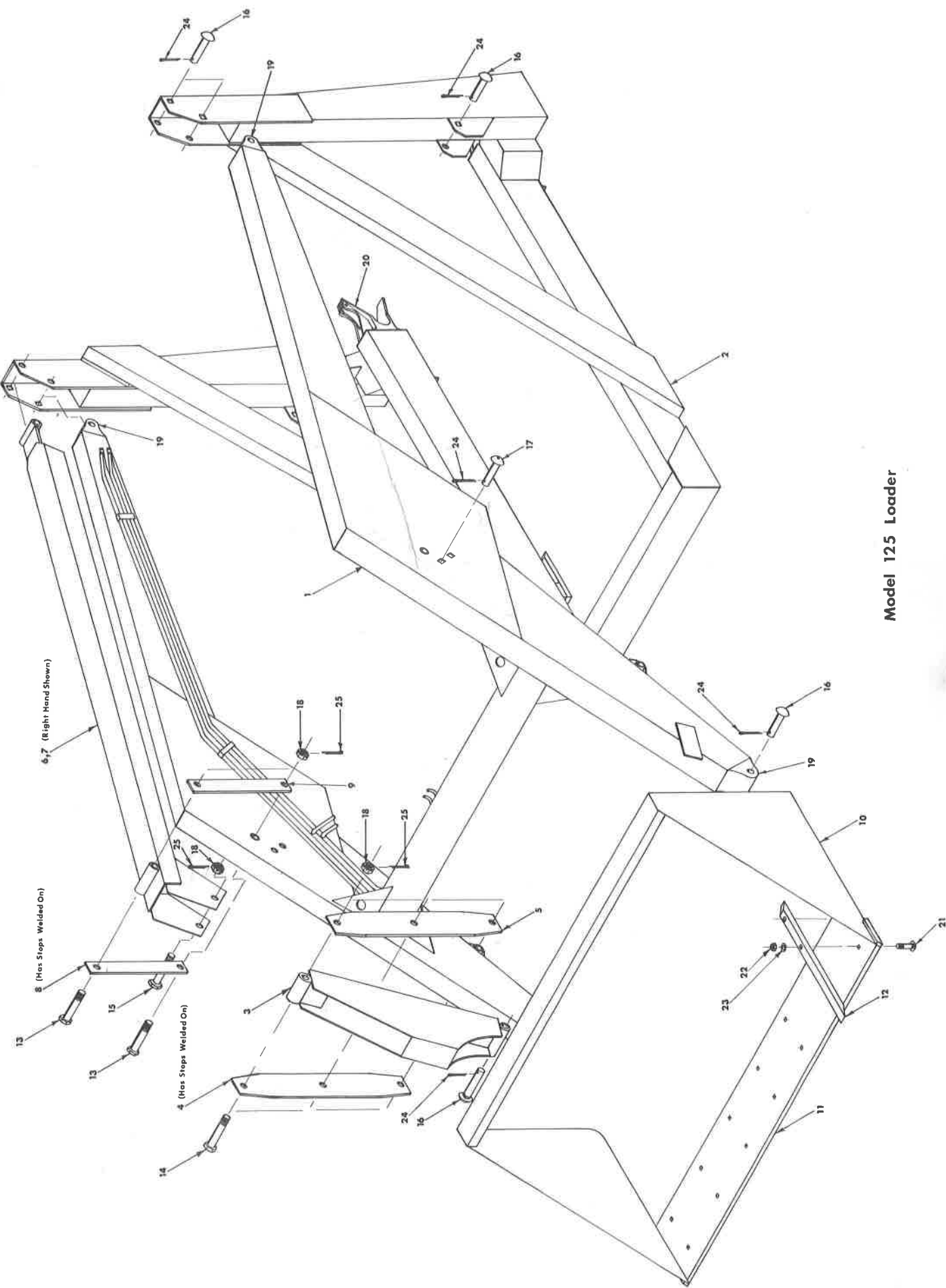
Model 120 Loader



REF. NO.	PART NO.	DESCRIPTION	QTY. REQ.
1	LB1624	Main frame assembly c/w pins ref. 16,11	1
2	LB1620	Yoke assembly c/w pins ref. 10	1
3	LB1643 LA1576	WIDE YOKE ASS'y Bucket push arm assy.	2
4	LA1585	Pivot arm, outside	2
5	LA1586	Pivot arm, inside	2
6	LB1588	60" Bucket c/w pins ref. 10	1
	LB1599	72" Bucket c/w pins ref. 10	1
	LB1606	84" Bucket c/w pins ref. 10	1
	LB1637	96" Bucket c/w pins ref. 10	1
Back of Bucket	L 1595	Sq. hole bucket attaching lug (weld on)	2
	L 1596	Ro. hole bucket attaching lug (weld on)	2
7	L41	60" Bucket blade (weld on)	1
	L42	72" Bucket blade (weld on)	1
	L43	84" Bucket blade (weld on)	1
	L 1638	96" Bucket blade (weld on)	1
8	L51	Bucket tooth Std.	7 - 8 -10-11
	L52	Bucket tooth Long	7 - 8 -10-11
9	L1587	1" x 6 N.C. Hex Head Bolt (Drilled) FOR COTTER PIN	6
10	L1	1" x 5½" carriage head pin	8
11	L1561	1" x 5-1/8" carriage head pin (Drilled for grease fitting)	2
12	L1574	1" N.C slotted hex nut	6
13	L10	Hinge Block (weld on)	4
14	L30	Jaw Ass'y (weld on)	2
15	L57	ADD JAW FOR WIDE YOKE 7/16 x 2¼ N.C. carriage head bolt c/w nut and lockwasher	14 - 16 20 - 22
16	L1	1" x 5-1/2" carriage head pin	2
<u>STANDARD HARDWARE</u>			
17		7/16" N.C. hex nut	14 - 16 20 - 22
18		7/16 lockwasher	14 - 16 20 - 22
19 (not shown)		¾" x 1½" cotter pin	12
20	10GM1	¾" x 28 grease fitting	12
		3/16 x 1½ cotter pin	6

DECALS AND PAINT

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ.
	L010	EZEE-ON Decal	3
	L013	EZEE-ON Patent Label (US & Canada)	1
	L001	EZEE-ON YELLOW PAINT 1 qt. can	
	L002	EZEE-ON YELLOW PAINT ½ pint	
	1003	EZEE-ON YELLOW PAINT SPRAY BOMB	



Model 125 Loader

MODEL 125 PARTS LIST

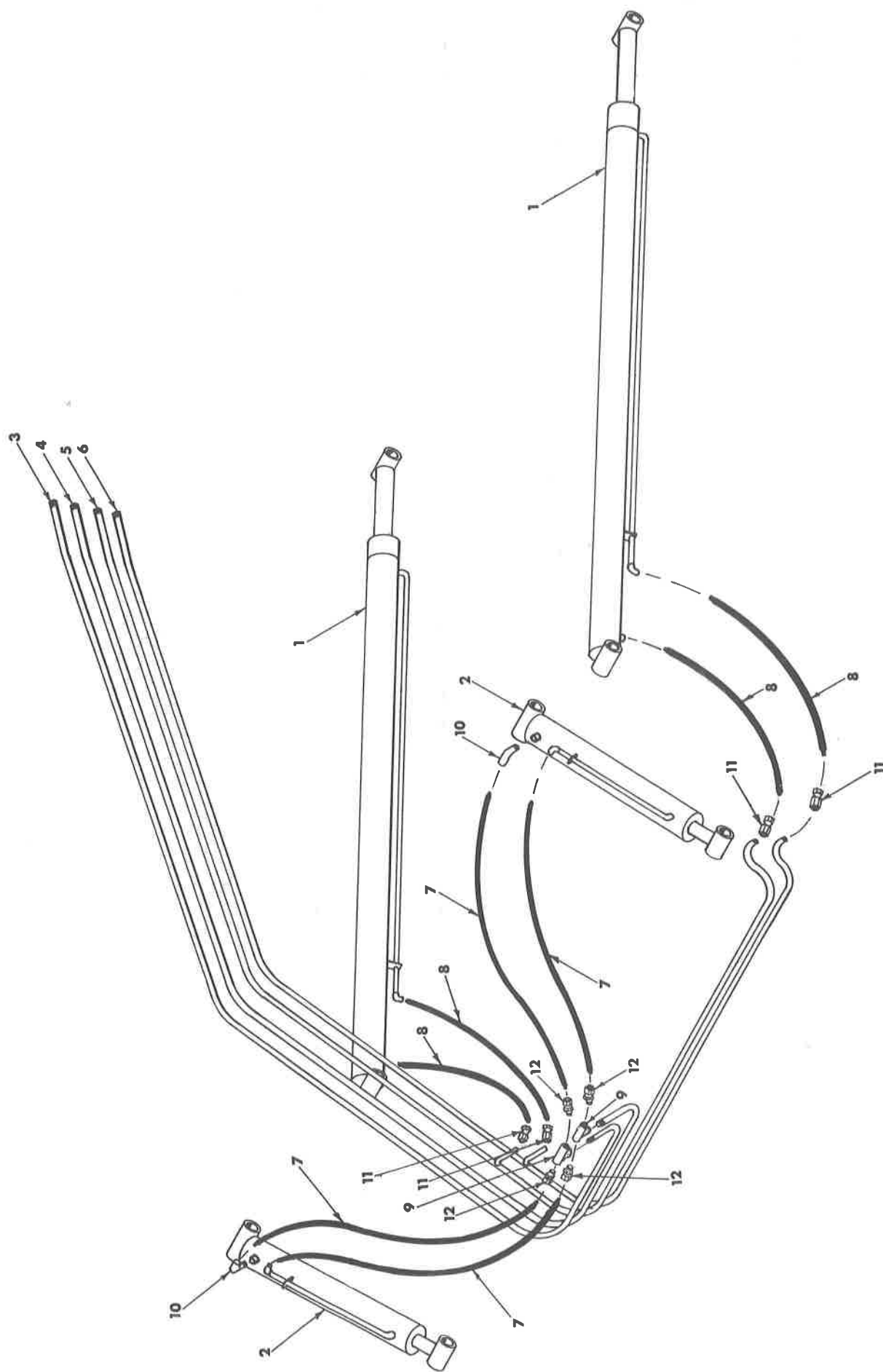
12

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ.
1	LB1532	Main frame assembly c/w pins ref. 17	1
2	LB1501	Yoke assembly c/w pins ref. 16	1
3	LB1644 LA1576	WIDE YOKE ASS'Y Bucket Push arm assembly	2
4	LA1585	Pivot arm, outside	2
5	L 1586	Pivot Arm, inside	2
6	LA1570	Self-Levelling channel arm assembly right	1
7	LA1563	Self-levelling channel arm assembly, left	1
8	LA1571	Self-levelling pivot strap, outside	2
9	L1572	Self-levelling pivot strap, inside	2
10	LB1588	60" Bucket c/w pins ref. 16	1
	LB1599	72" Bucket c/w pins ref. 16	1
	LB1606	84" Bucket c/w pins ref. 16	1
	LB1637	96" Bucket c/w pins ref. 16	1
Back of Bucket	L 1595	Sq. hole bucket attaching lug (weld on)	2
	L 1596	Ro. hole bucket attaching lug (weld on)	2
11	L41	60" bucket blade (weld on)	1
	L42	72" bucket blade (weld on)	1
	L43	84" bucket blade (weld on)	1
	L 1638	96" bucket blade (weld on)	1
12	L51	Bucket tooth std.	7 - 8 - 10-11
	L52	Bucket tooth long	7 - 8 - 10-11
13	L89	1" x 7" N.C. Hex Head Bolt (Drilled) CORRECT TYPE	4
14	L 1587	1" x 6" N.C. Hex Head Bolt (Drilled) CORRECT TYPE	6
15	L1630	1" x 5 1/2" N.C. Hex Head Bolt (Drilled) CORRECT TYPE	2
16	L 1	1" x 5 1/2" carriage head pin	10
17	L 1561	1' x 5-1/8" carriage head pin (drilled for grease fitting)	2
18	L 1574	1" N.C. slotted Hex Nut	12
19	L 10	Hinge Block (Weld On)	4
20	L 30	Jaw assembly (Weld On) - ADD JAW FOR WIDE YOKE	2
21	L 57	7/16 x 2 1/4 N.C. carriage head bolt c/w nut and lockwasher	14 - 16 20 - 22

MODEL 125 PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ.
		<u>STANDARD HARDWARE</u>	
22		7/16 N.C. Hex Nut	14 - 16 - 20 -22
23		7/16 lockwasher	14 - 16 - 20 -22
24		1/4 x 1 1/2 cotter key	12
25		3/16 x 1 1/2 cotter key	12
Not shown	10GN1	1/4 x 28 Grease fitting	18
		<u>DECALS AND PAINT</u>	
	L010	EZEE-ON Decal	3
	L013	EZEE-ON Patent Label (US & Canada)	1
	L001	EZEE-ON YELLOW PAINT 1 Qt. Can	
	L002	EZEE-ON YELLOW PAINT 1/2 Pint	
	L003	EZEE-ON YELLOW PAINT SPRAY BOMB	

Model 120-125 Hyd. System



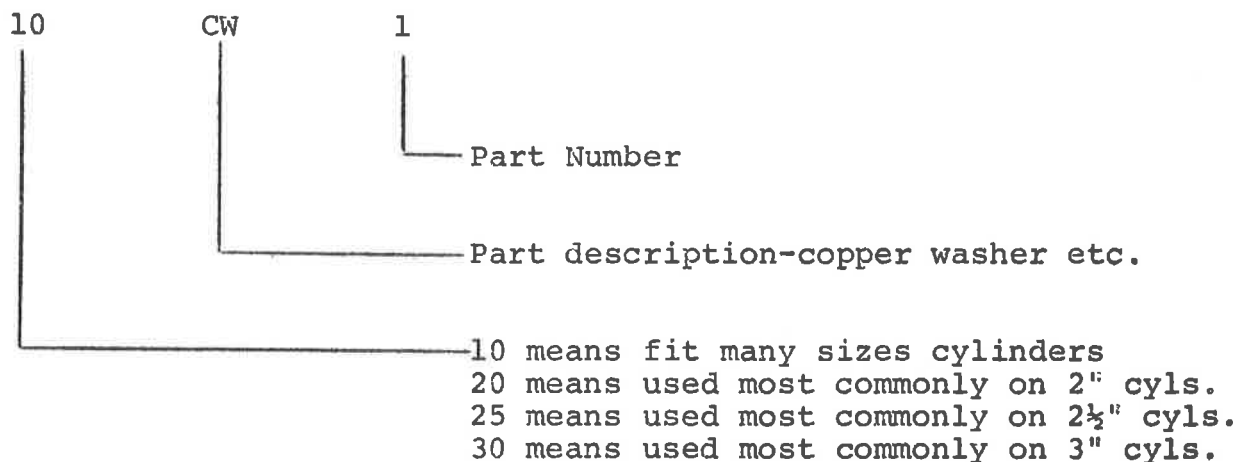
PARTS LIST
MODEL 120 - 125 HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ.
1		Lift Cylinder - See Cylinder Parts List Instructions - Page 16	2
2		Bucket Cylinder - See Cylinder Parts List Instructions - Page 16	2
3	L1559	Bottom 4 Hyd. Oil Line	1
4	L1558	Bottom 3 Hyd. Oil Line	1
5	L1555	Bottom 2 Hyd. Oil Line	1
6	L1552	Bottom 1 Hyd. Oil line	1
7	H30	Hyd. Hose 3/8" x 30"	4
8	H23	Hyd. Hose 3/8" x 23"	4
9	L1617	3/8 Tee Joint (Do not use Part No. L1619 if swivel Tee is used)	2
10	L1618	3/8" x 90 degree street elbow	2
11	L29	3/8" female swivel adapter	4
12	L1619	3/8" male - female swivel adapter	4
Not shown	10GN1	Grease fitting - 1/4 x 20	6

EZEE-ON LOADER CYLINDER PARTS LIST
Instructions on How to Use Loader Cylinder Parts List

1. Identify your cylinder as to code number of complete cylinder. Use the complete assembly code numbers, Page 17, and match up Diameter, Stroke, Ends, etc.
2. Once the code number has been established then locate type of cylinder, S1 - S2, etc. further in book and use correct reference number, and column to locate part number.
3. On later model hydraulic cylinders, code numbers will be stamped on cylinder tube. However, if tube should ever be replaced, then no code number of cylinder assembly will appear unless stamped.

EZEE-ON CYLINDER PART NUMBER CODE



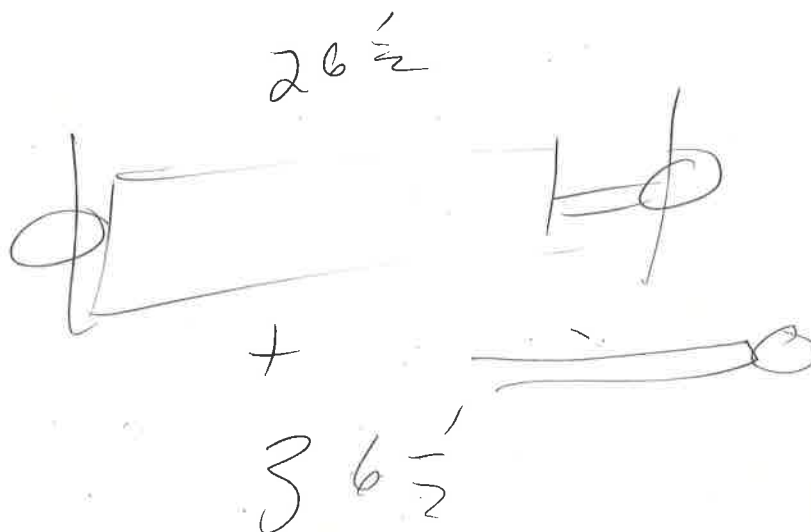
complete Book

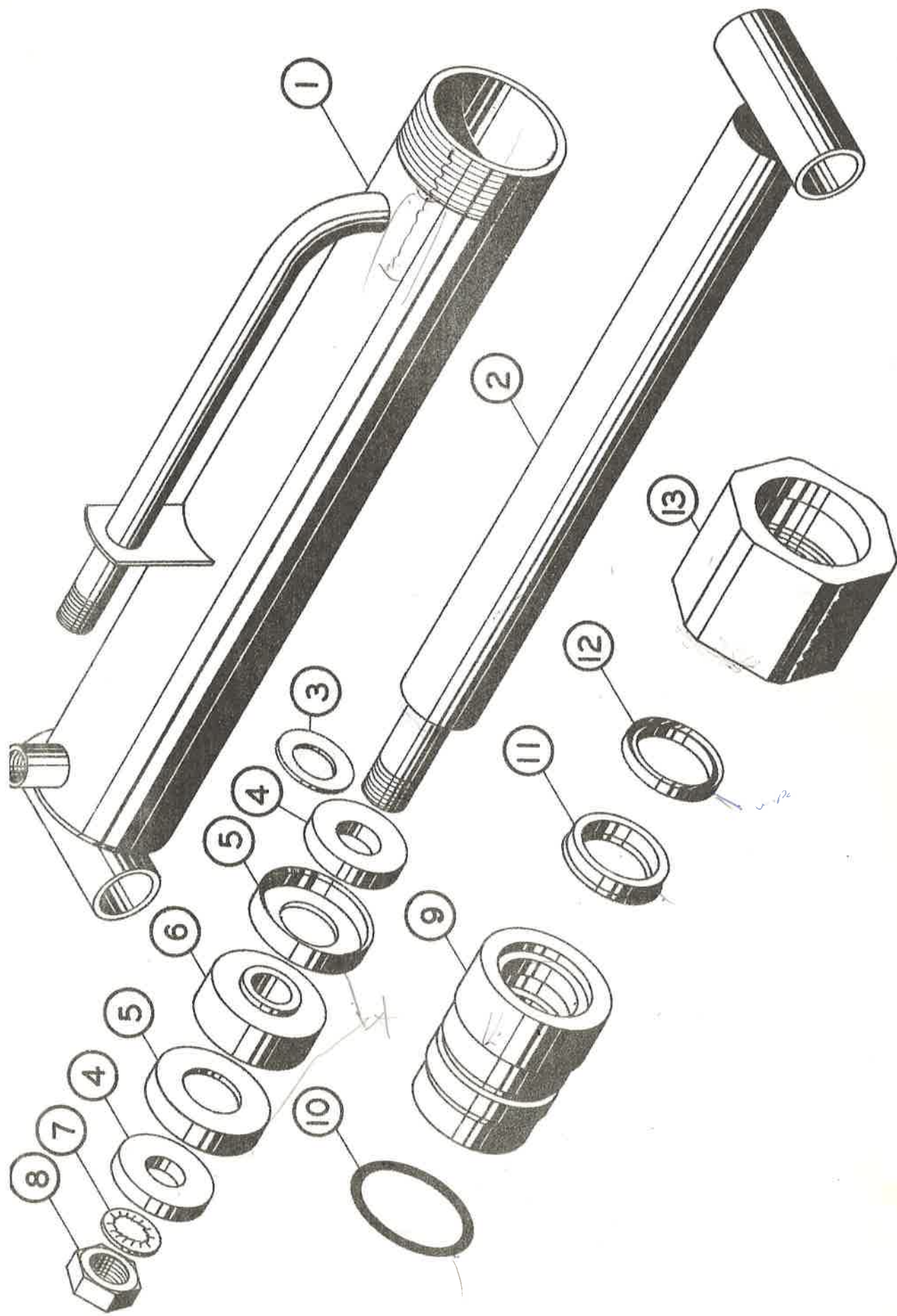
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EZEE-ON LOADER CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C.C. LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
131	2½	48	56½	2	N3	Lift 120 - 125
140	3	48	56½	2	N4	Lift 120 - 125
136	3	18	26½	1½	N4	Bucket 120
135	3	10	26½	1½	N4	Bucket 125
83	3	48	56½	2	S1	Lift 120 - 125
49	2½	48	56½	2	S1-A	Lift 120 - 125
82	3	18	26½	1½	S2	Bucket 120
81	3	10	26½	1½	S2	Bucket 125

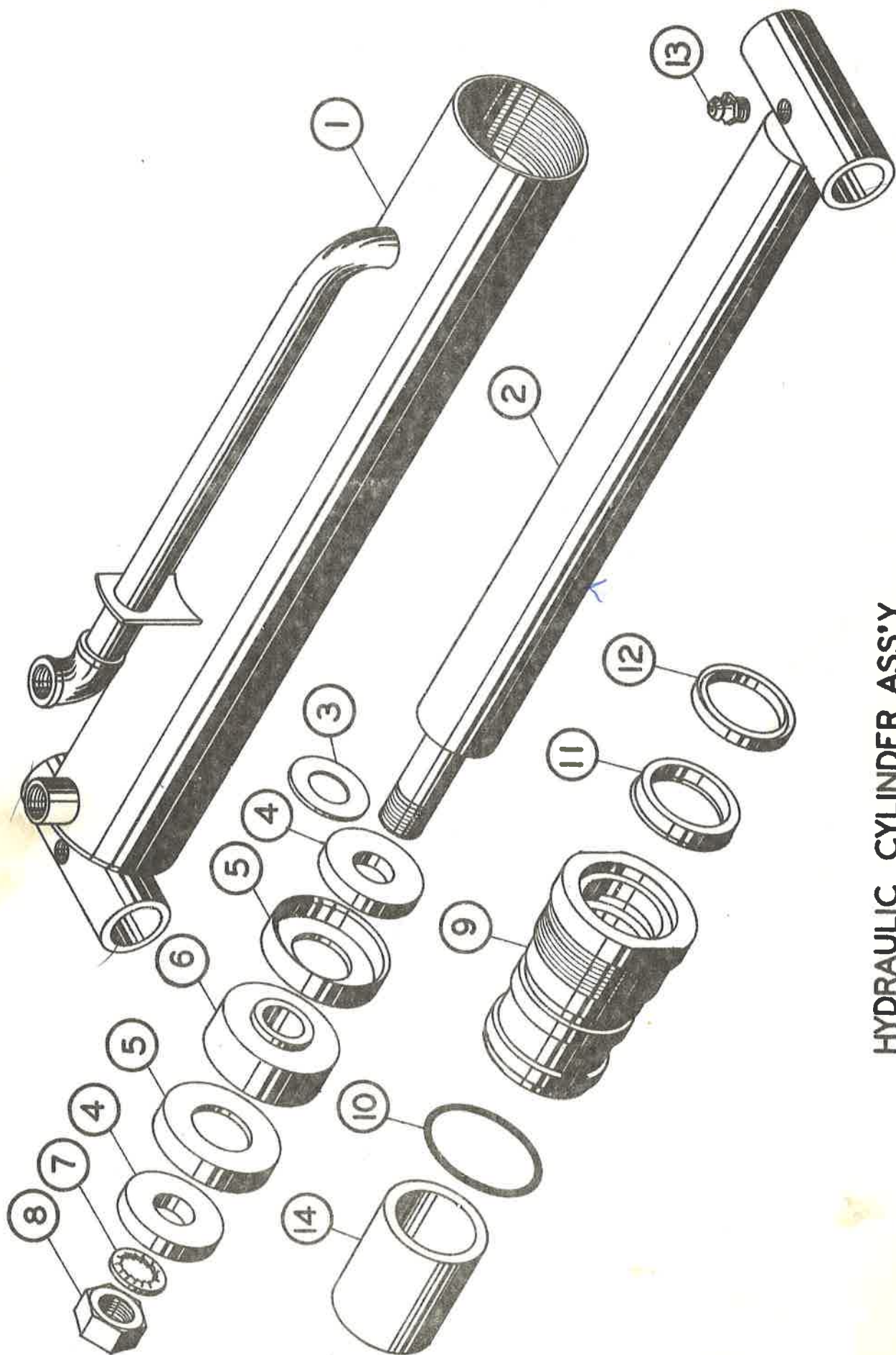




HYDRAULIC CYLINDER ASS'Y
N3 TYPE

N3 EXTERNAL NUT TYPE CYLINDER PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			¹³¹ QTY. REQ.	QTY. REQ.
1	25TU28	Tube assembly 48"	1	
2	10SH13	Shaft 2" 48"	1	
3	10CW1	Copper Washer	1	
4	25FP1	Filler Plate	2	
5	25CU1	Cups	2	
6	25BP1	Back-up Plate	1	
7	10SW1	Star Washer	1	
8	10NU1	Nut 3/4" NF	1	
9	25HP6	Head Plate	1	
10	100R1	o-ring	1	
11	10RS2	Rod Seal	1	
12	10WS2	Wiper Seal	1	
13	25HN1	Head Nut	1	
	10GN1	Grease nipple	1	
	10SS1	Set screw (For head nut)		

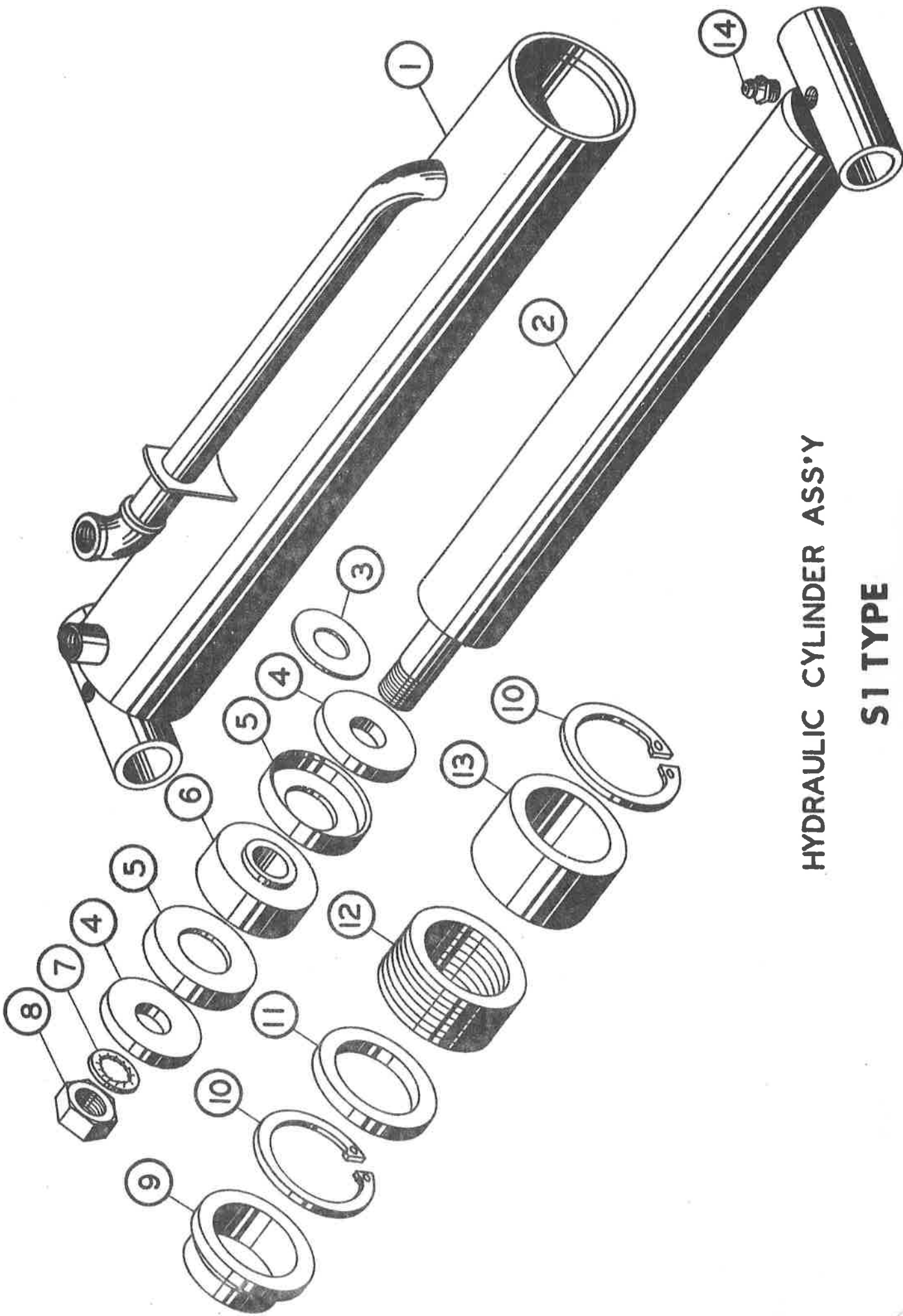


HYDRAULIC CYLINDER ASS'Y
N4 TYPE

N4 THREADED HEAD TYPE CYLINDER PARTS LIST

A - CUP PISTON

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.		
			135 QTY. REQ.	136 QTY. REQ.	140 QTY. REQ.
1	30TU9	Tube assembly 10"	1		
	30TU10	Tube assembly 18"		1	
	30TU11	Tube assembly 48"			1
2	10SH14	Shaft 1½ : 13	1	1	
	10SH13	Shaft 2" 48"			1
3.	10CW1	Copper Washer			1
	10CW2	Copper Washer	1	1	
4.	30FP1	Filler plate			2
	30FP2	Filler Plate	2	2	
5	30CU1	Cup	2	2	2
6	30BP1	Back-up Plate			1
	30BP2	Back-up Plate ✓	1	1	
7	10SW1	Star Washer			1
	10SW2	Star Washer	1	1	
8	10NU1	Nut 3/4" NF			1
	10NU2	Nut 1" NF ✓	1	1	
9	30HP6	Head Plate	1	1	
	30HP7	Head Plate			1
10	10OR3	O-ring	1	1	1
11	10RS1	Rod seal	1	1	
	10RS2	Rod seal			1
12	10WS1	Wiper Seal	1	1	
	10WS2	Wiper Seal			1
13	10GN1	Grease Nipple	2	2	2
14	10SP8	Spacer	1		

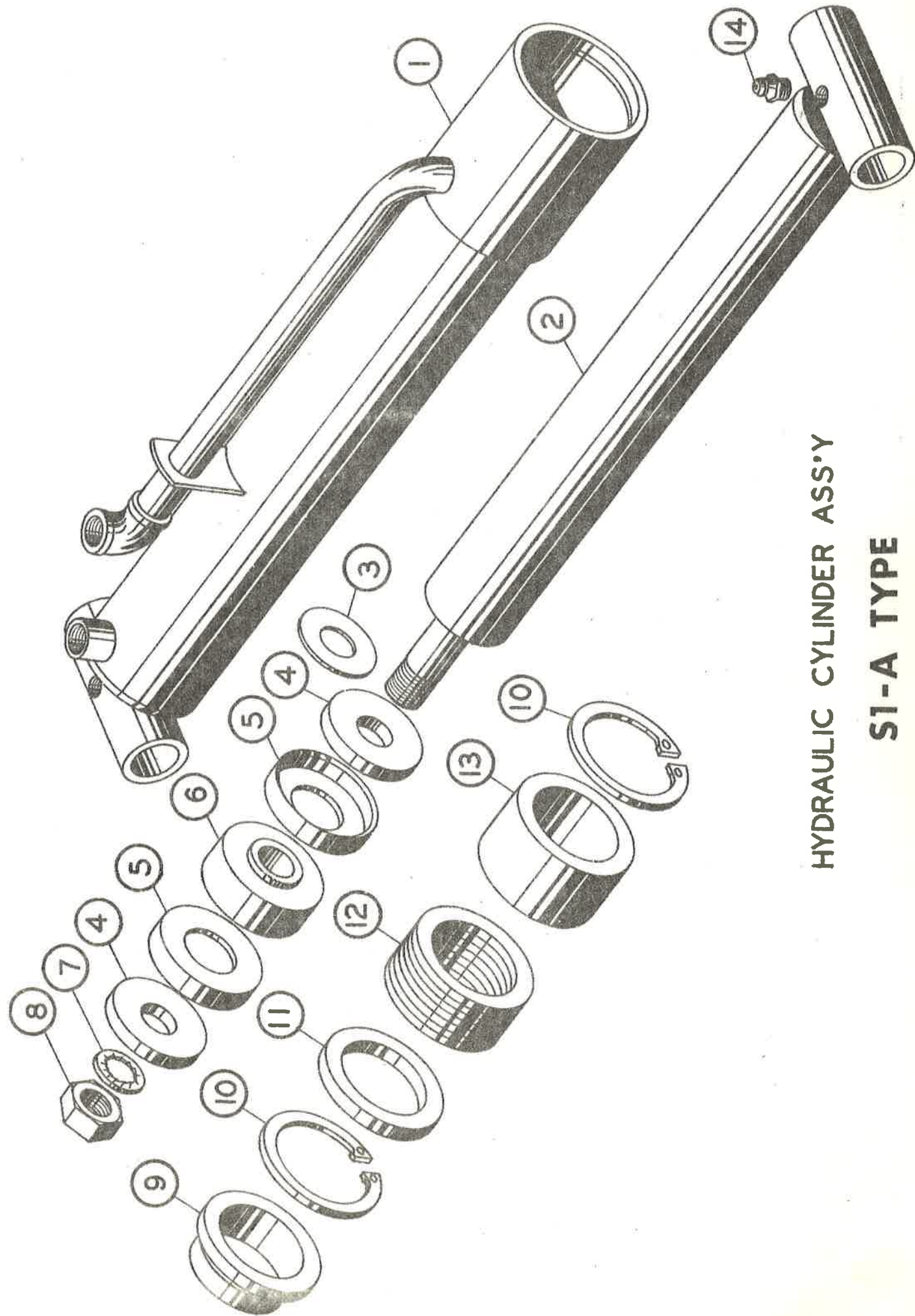


HYDRAULIC CYLINDER ASS'Y

S1 TYPE

S1 SNAP RING TYPE CYLINDER PARTS LIST

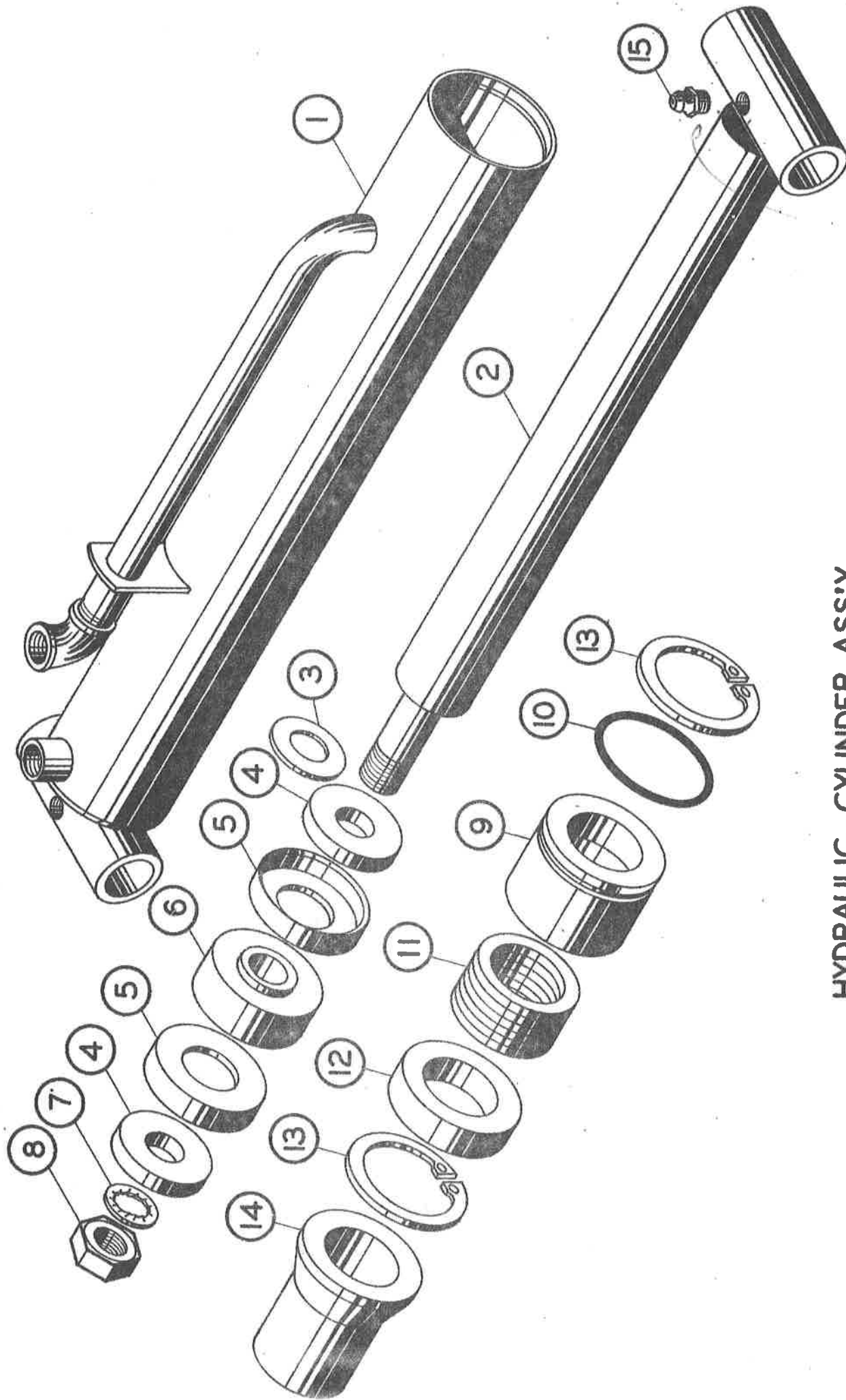
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			83 QTY. REQ.	
1	30TU8	Tube Assembly 48"	1	
2	10SH13	Shaft 2" - 48"	1	
3	10CW1	Copper Washer	1	
4	30FP1	Filler Plate.	2	
5	30CU1	Cup	2	
6	30BP1	Back-Up Plate	1	
7	10SW1	Star Washer	1	
8	10NU1	Nut 3/4" N.F.	1	
9	30SP3	Spacer	1	
10	30SR2	Snap Ring	2	
11	10RW1	Reinforcing Washer	1	
12	10VP5	V Packing	1	
13	10HP1	Head Plate	1	
14	10GN1	Grease Nipple	2	



HYDRAULIC CYLINDER ASS'Y
S1-A TYPE

S1-A SNAP RING TYPE CYLINDER PARTS LIST

REF. NO.	Part NO.	DESCRIPTION	CYLINDER CODE NO.	
			49 QTY. REQ.	
1	25TU27	Tube Assembly	1	
2	10SH13	Shaft 2" 48"	1	
3	10CW1	Copper Washer	1	
4	25FP1	Filler Plate	2	
5	25CU1	Cups	2	
6	25BP1	Back-up Plate	1	
7	10SW1	Star Washer	1	
8	10NU1	Nut 3/4" N.F.	1	
9	30SP3	Spacer	1	
10	30SR2	Snap Ring	2	
11	10RW1	Reinforcing Washer	1	
12	10VP5	V Packing	1	
13	10HP1	Head Plate	1	
14	10GN1	Grease Nipple	2	



HYDRAULIC CYLINDER ASS'Y
S2 TYPE

52 SNAP RING TYPE CYLINDER PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			81 QTY. REQ.	82 QTY. REQ.
1	30TU6 30TU7	Tube assembly 10" Tube assembly 1/8"	1	1
2	10SH4	Shaft 1/8" 1 1/2"	1	1
3	10CW1	Copper Washer	1	1
4	30FP1	Filler Plate	2	2
5	30CU1	Cup	2	2
6	30BP1	Back-up Plate	1	1
7	10SW1	Star Washer	1	1
8	10NU1	Nut 3/4" N.F.	1	1
9	30HP5	Head Plate	1	1
10	10OR3	O-Ring	1	1
11	10VP2	V Packing	1	1
12	30HR4	Head Ring	1	1
13	30SR2	Snap Ring	2	2
14	30SP1 30SP2	Spacer Spacer	1	1
15	10GN1	Grease Nipple	2	2

EZEE-ON CYLINDER REPAIR KIT CODES

CODE:

20 = 2" bore
 25 = 2½" bore
 30 = 3" bore

PART NO. 2515C

B = cast bolt head
 S = snap ring type
 N = screw nut type

13 = 1-3/8" shaft
 15 = 1½" shaft
 17 = 1-3/4" shaft
 20 = 2" shaft

EZEE-ON SEAL KIT CONTENTS

KIT NO.	CONTENTS	FITS CYLINDER CODE NO.
2520-S1-A	2-25CU1 cups 1-10VP5 VPacking 2-30SR2 snap rings	49
2520-N3	2-25CU1 cups 1-10RS2 rod seal 1-10WS2 wiper seal 1-10OR1 o-rings	131
3020-S1	2-30CU1 cups 1-10VP5 VPacking 2-30SR2 snap rings	83
3015-S2	2-30CU1 cups 1-10VP2 VPacking 1-10OR3 o-rings 2-30SR2 snap rings	81 82
3015-N4	2-30CU1 cups 1-10RS1 rod seal 1-10WS1 wiper seal 1-10OR3 o-rings 1-10OR3	135 136
3020-N4	2-30CU1 cups 1-10RS2 rod seal 1-10WS2 wiper seal 1-10OR3 o-ring	140